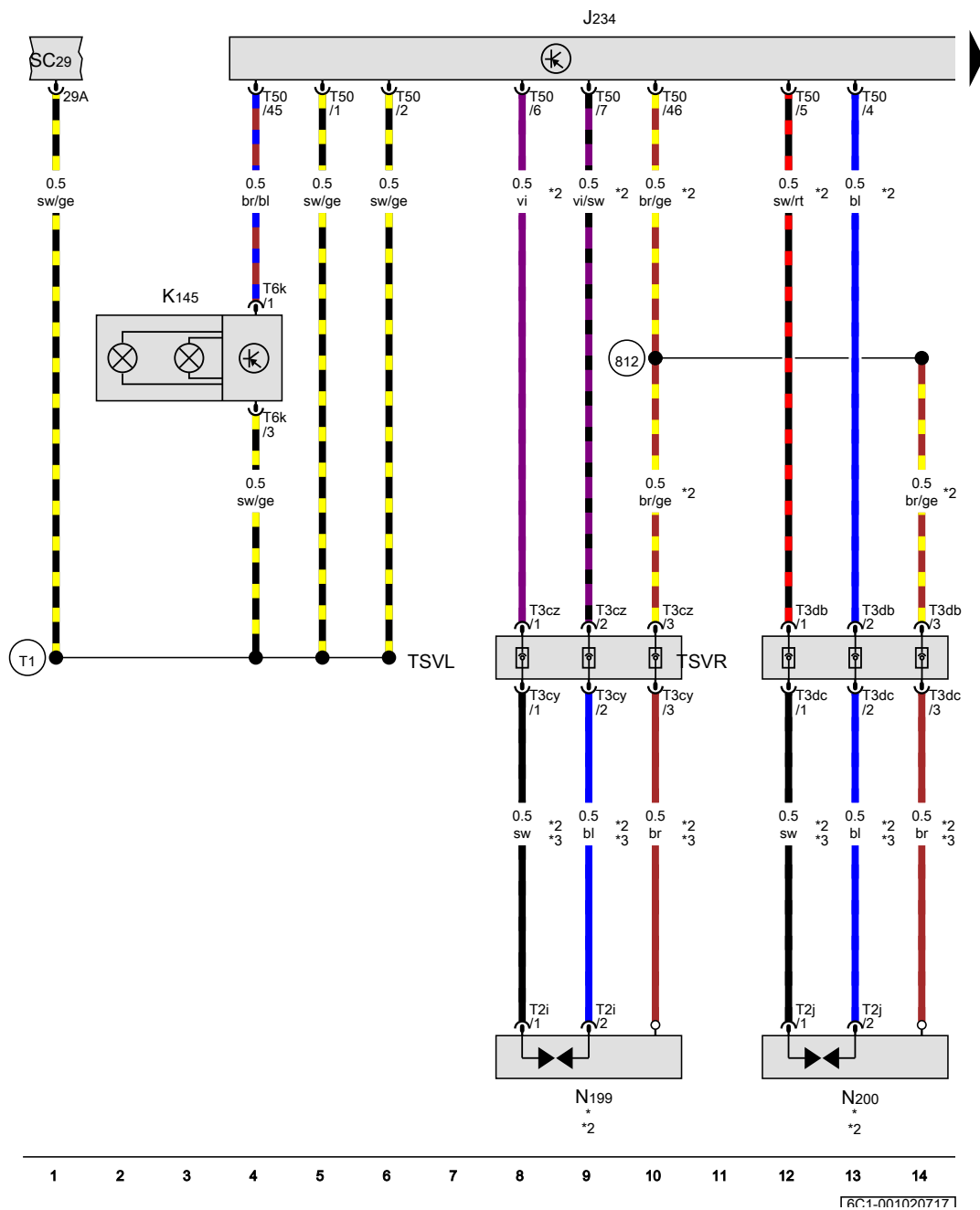


Airbag systems , (L0L)

From January 2014



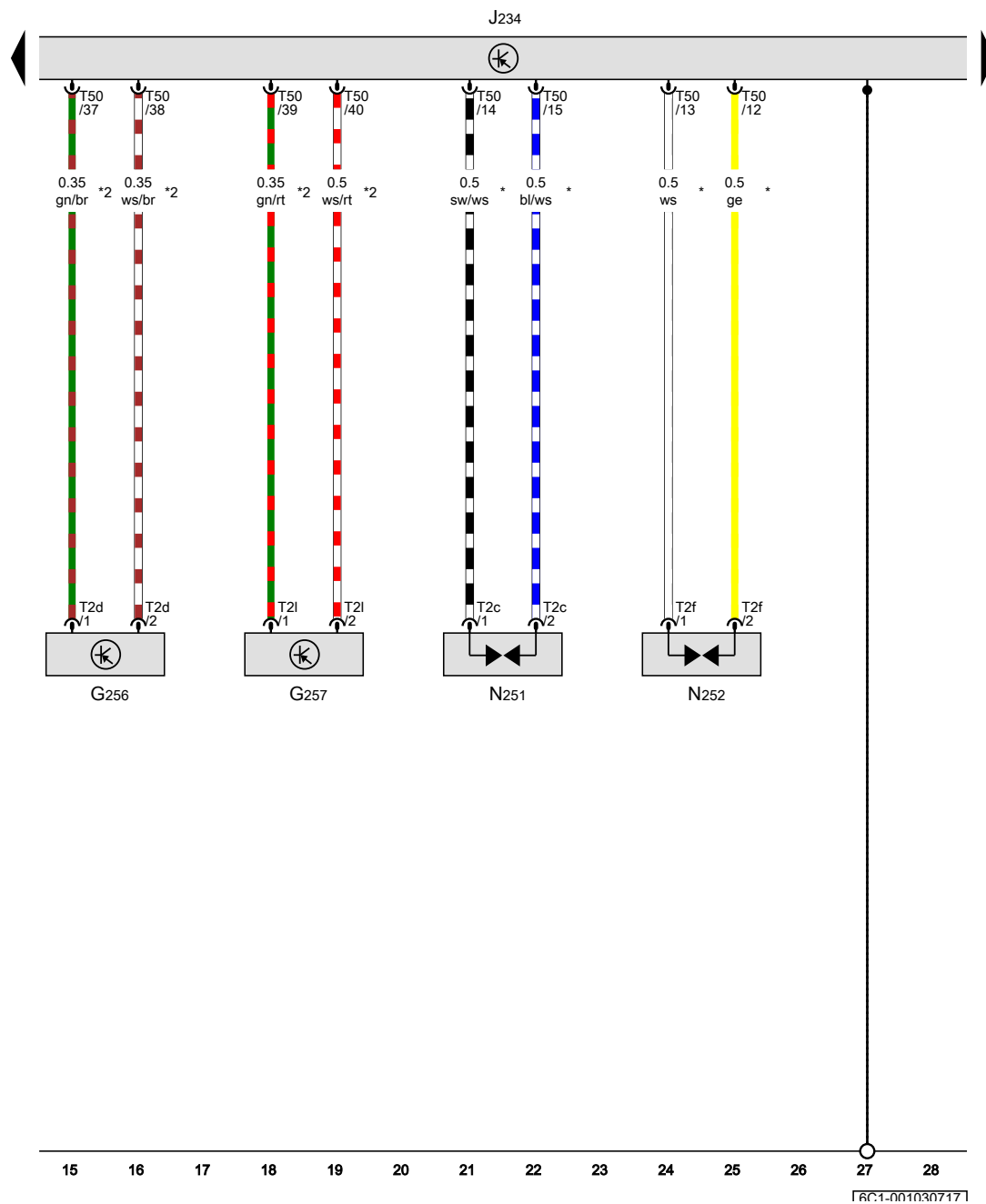
Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- J234 Airbag control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- SC29 Fuse 29 on fuse holder C
- T2i 2-pin connector, yellow
- T2j 2-pin connector, yellow
- T3cy 3-pin connector, black
- T3cz 3-pin connector, black
- T3db 3-pin connector, black
- T3dc 3-pin connector, black
- T6k 6-pin connector, red
- T50 50-pin connector
- TSVL Coupling point for front left seat
- TSVR Coupling point for front right seat

812 Earth connection 3, in airbag wiring harness

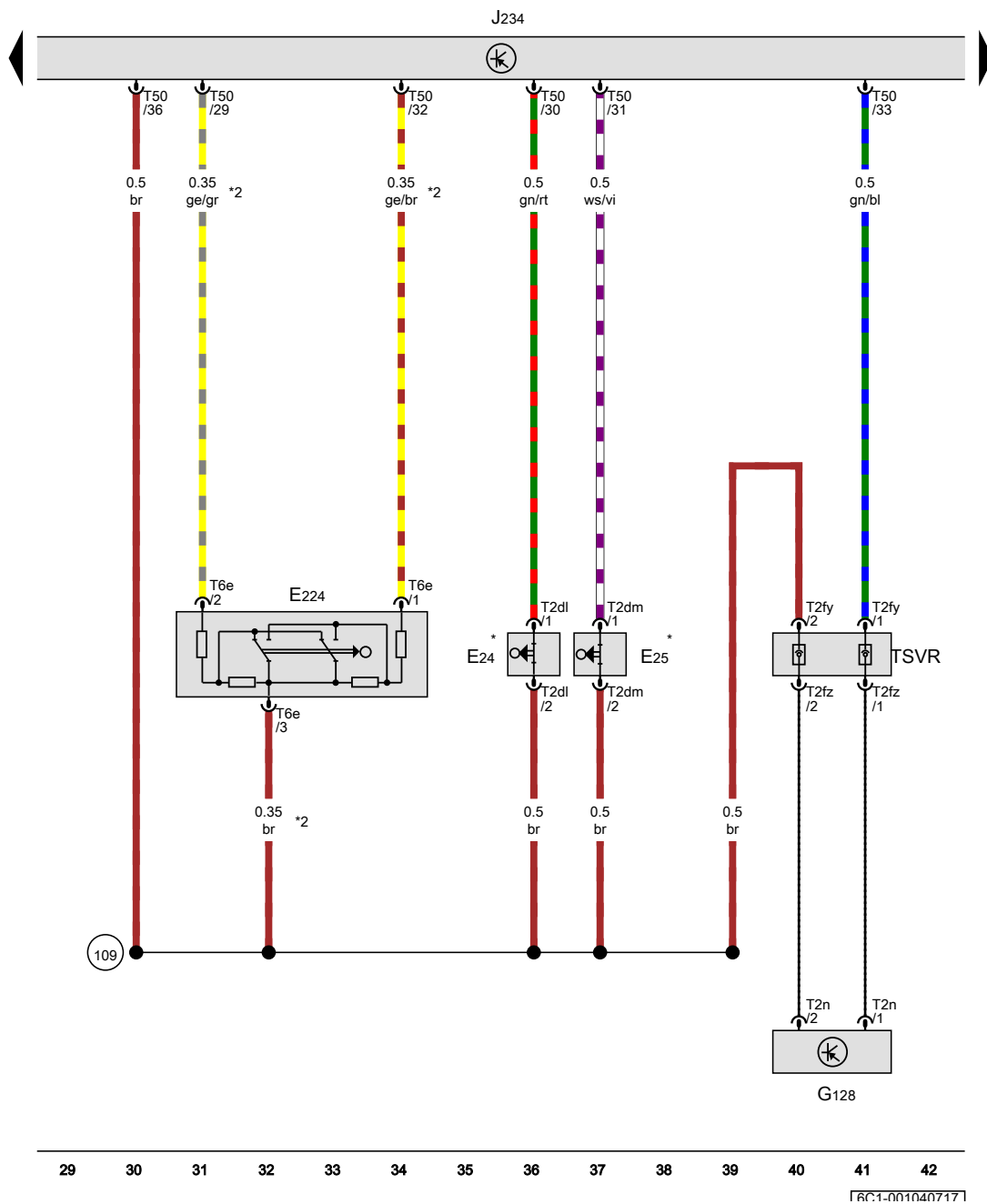
T1 Positive connection 1, in airbag wiring harness

- * Pre-wired component
- *2 For models with side airbags
- *3 Adapter wire



Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2c 2-pin connector
- T2d 2-pin connector
- T2f 2-pin connector
- T2l 2-pin connector
- T50 50-pin connector
- * For models with curtain airbag
- *2 For models with side airbags



Driver side belt switch, Front passenger side belt switch, Key operated switch to deactivate airbag 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
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2fy 2-pin connector, black
- T2fz 2-pin connector, black
- T2n 2-pin connector
- T6e 6-pin connector
- T50 50-pin connector
- TSVR Coupling point for front right seat

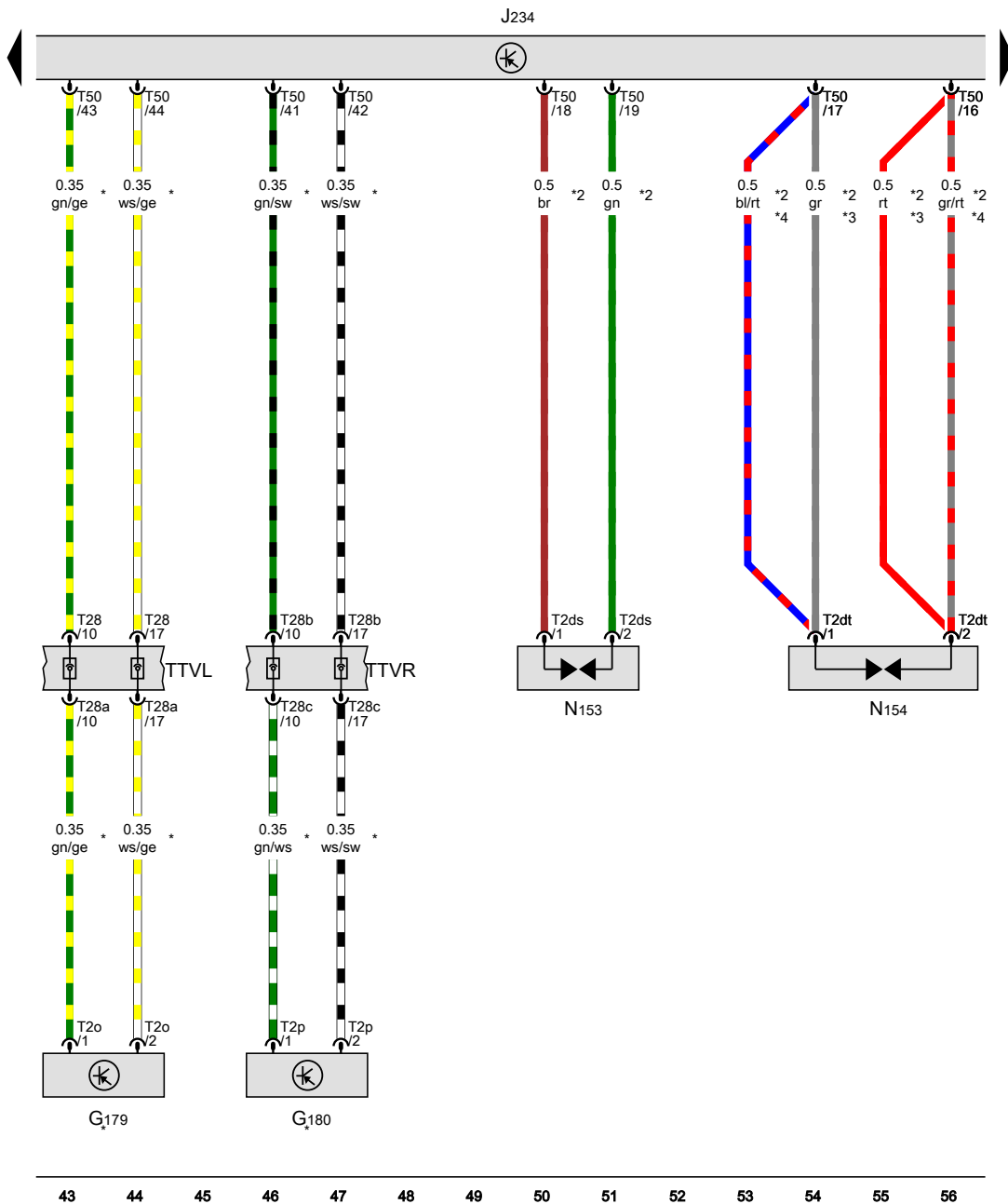
109 Earth connection, in airbag wiring harness

* Pre-wired component

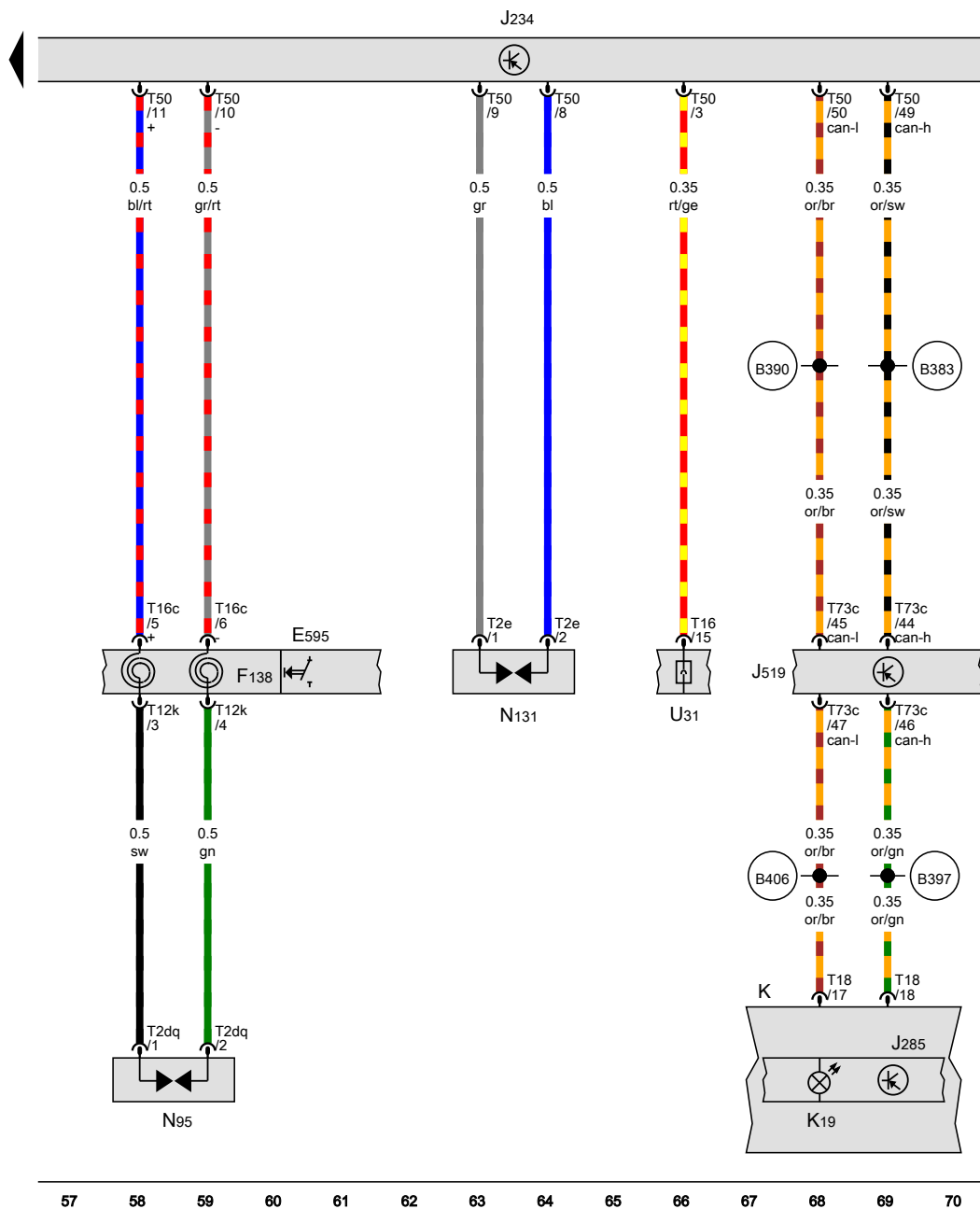
*2 For models with key-operated switch to deactivate front passenger airbag

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

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



- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2ds 2-pin connector
- T2dt 2-pin connector
- T2o 2-pin connector
- T2p 2-pin connector
- T28 28-pin connector, black
- T28a 28-pin connector, black
- T28b 28-pin connector, black
- T28c 28-pin connector, black
- T50 50-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- * For models with side airbags
- *2 For models with belt tensioners
- *3 From April 2014
- *4 Up to March 2014



Airbag control unit, Onboard supply control unit, Dash panel insert, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Diagnostic connection

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- T2dq 2-pin connector
- T2e 2-pin connector
- T12k 12-pin connector
- T16 16-pin connector
- T16c 16-pin connector
- T18 18-pin connector
- T50 50-pin connector
- T73c 73-pin connector
- U31 Diagnostic connection

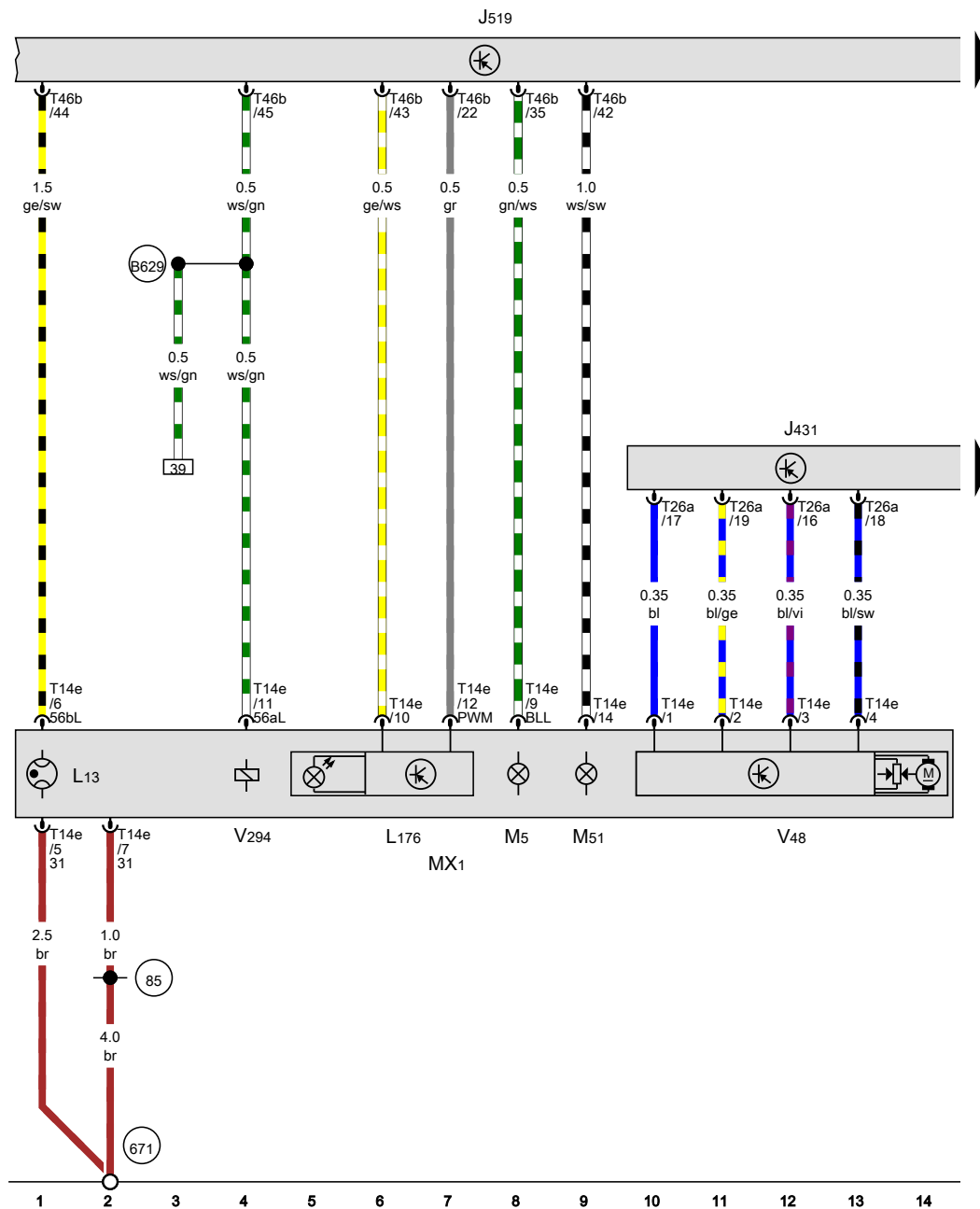
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

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16C1-001060717

Gas discharge headlights with automatic headlight range control , (8IG)

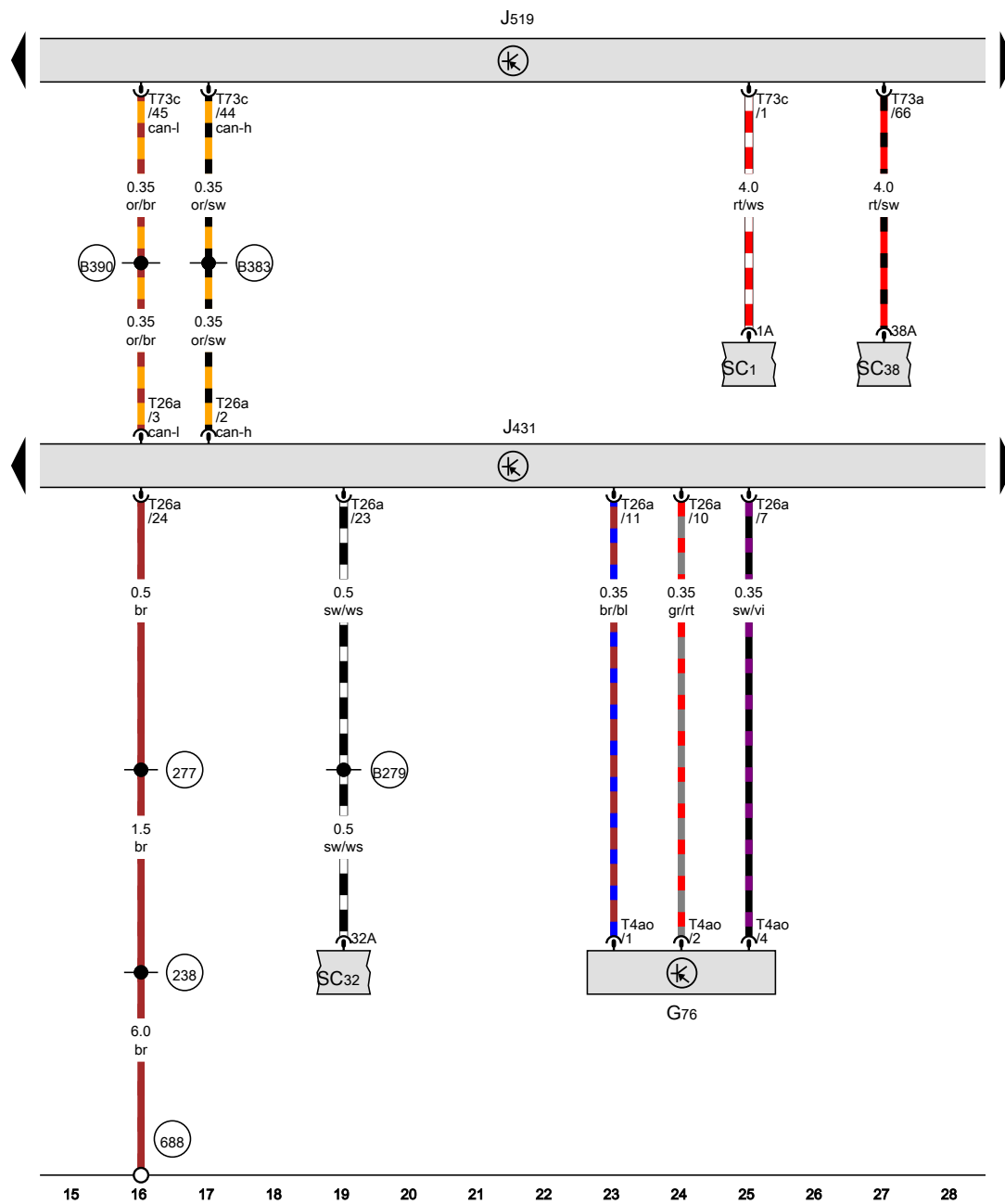
From January 2014



Headlight range control unit, Onboard supply control unit, Left gas discharge (xenon) bulb, Left LED module for daytime running light and side light, Front left headlight, Left headlight range control motor, Left dip beam screen motor

- J431 Headlight range control unit
- J519 Onboard supply control unit
- L13 Left gas discharge (xenon) bulb
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M51 Left static cornering light
- T14e 14-pin connector
- T26a 26-pin connector
- T46b 46-pin connector
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

- 85 Earth connection 1, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B629 Connection (56a), in main wiring harness

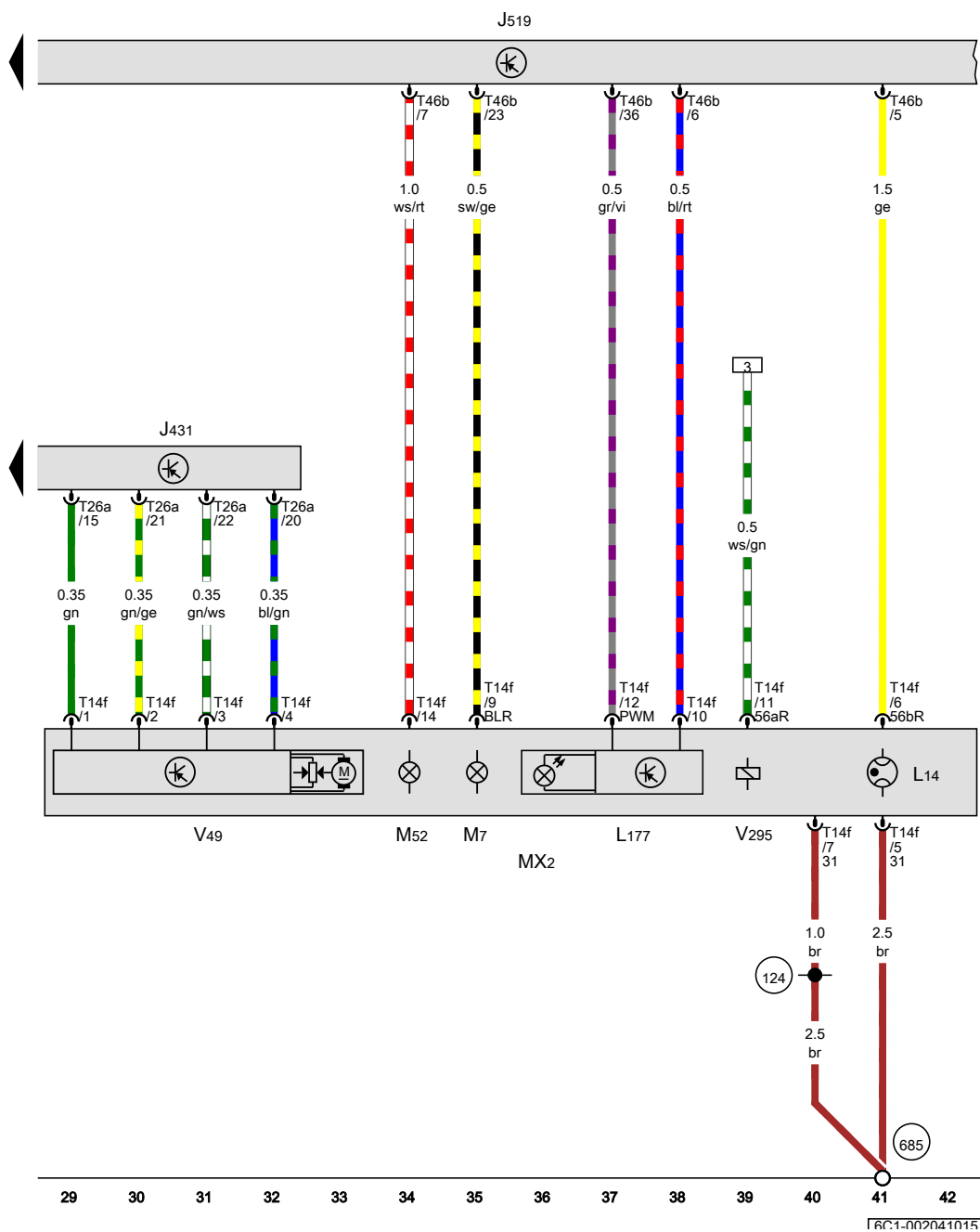


Rear left vehicle level sender, Headlight range control unit, Onboard supply control unit

- G76 Rear left vehicle level sender
- J431 Headlight range control unit
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T4ao 4-pin connector
- T26a 26-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B279 Positive connection 3 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- ws = white
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- bl = blue
- gr = grey
- li = purple
- vi = violet
- ge = yellow
- or = orange
- rs = pink



Headlight range control unit, Onboard supply control unit, Right gas discharge (xenon) bulb, Right LED module for daytime running light and side light, Front right headlight, Right headlight range control motor, Right dip beam screen motor

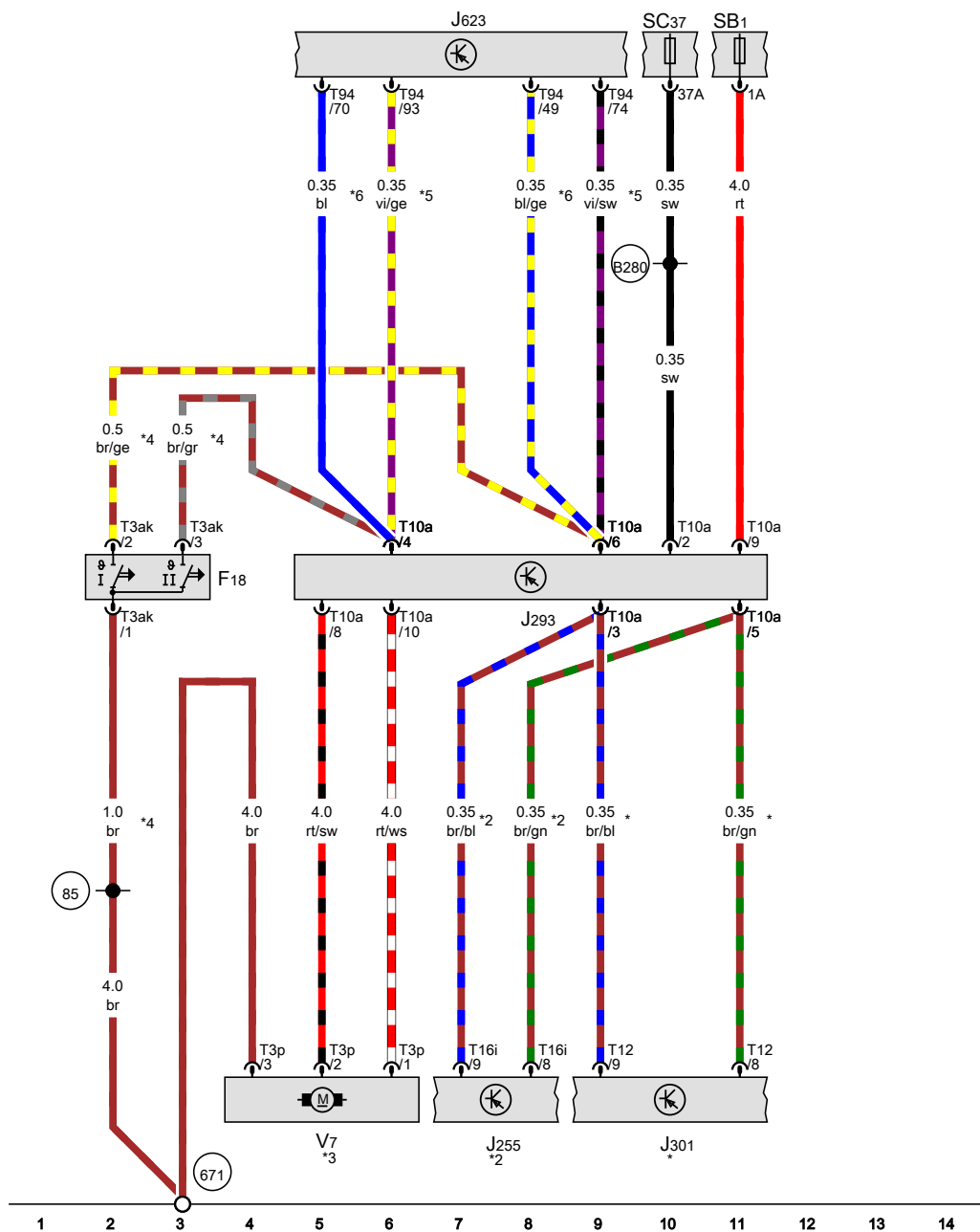
- J431 Headlight range control unit
- J519 Onboard supply control unit
- L14 Right gas discharge (xenon) bulb
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M52 Right static cornering light
- T14f 14-pin connector
- T26a 26-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor
- V295 Right dip beam screen motor

- 124 Earth connection, in right side engine compartment wiring harness
- 685 Earth point 1 at front of right longitudinal member

Radiator fan with air conditioning system , CHYA,CHYB,CJZC,CJZD,CUSB,CUSA,CUTA,CWVB

From January 2014

Radiator fan thermal switch, Climatronic control unit, Radiator fan control unit, Air conditioning system control unit, Engine control unit, Radiator fan



- F18 Radiator fan thermal switch
- J255 Climatronic control unit
- J293 Radiator fan control unit, on front left longitudinal member
- J301 Air conditioning system control unit
- J623 Engine control unit
- SB1 Fuse 1 on fuse holder B
- SC37 Fuse 37 on fuse holder C
- T3ak 3-pin connector, black
- T3p 3-pin connector, black
- T10a 10-pin connector, black
- T12 12-pin connector, black
- T16i 16-pin connector, black
- T94 94-pin connector, black
- V7 Radiator fan

85 Earth connection 1, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

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

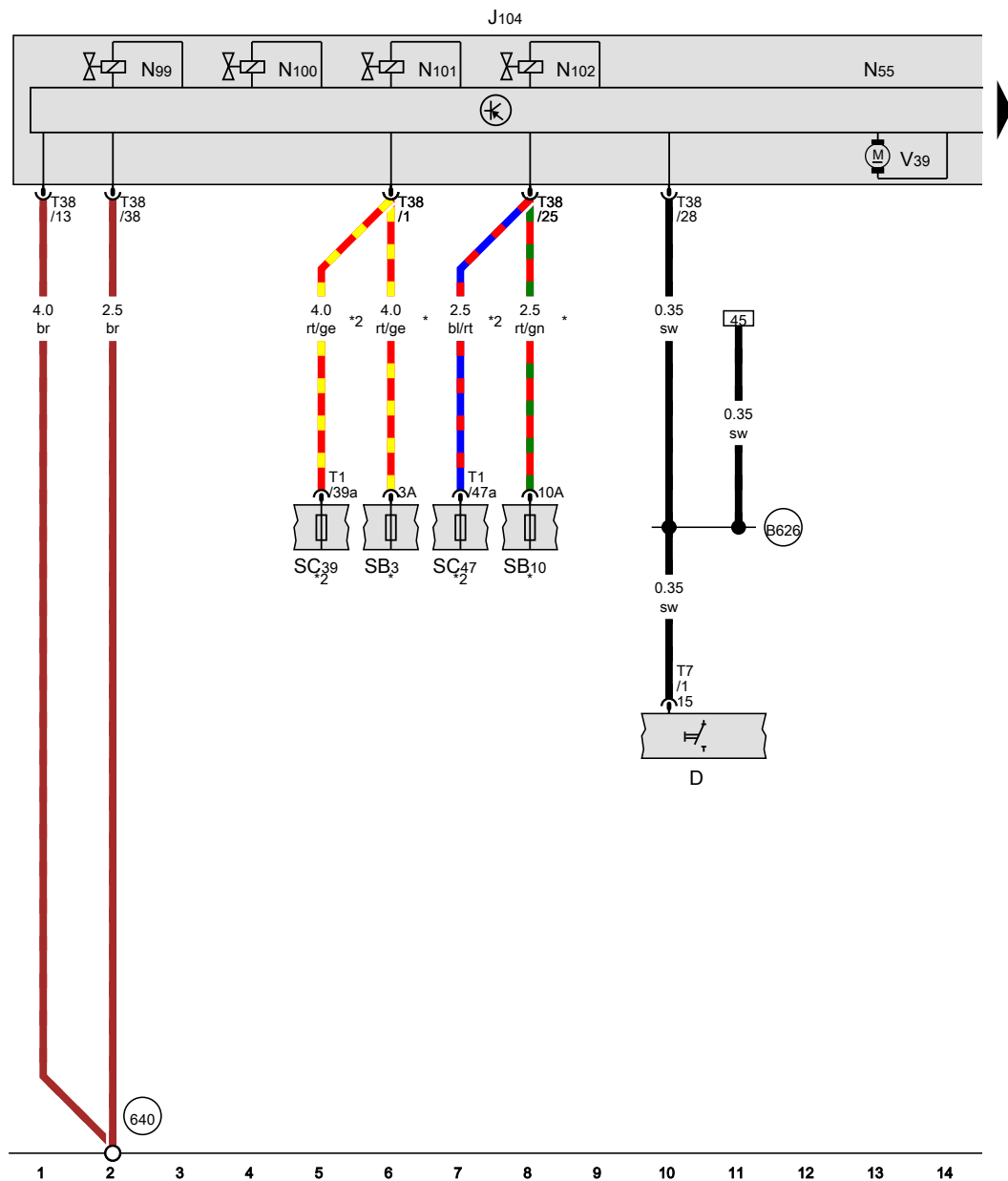
- * Only models with air conditioning system
- *2 Only models with Climatronic
- *3 Pre-wired component
- *4 Only models with 1.2l engine
- *5 Only models with petrol engine
- *6 Only models with diesel engine

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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Anti-lock brake system (ABS)

From January 2014

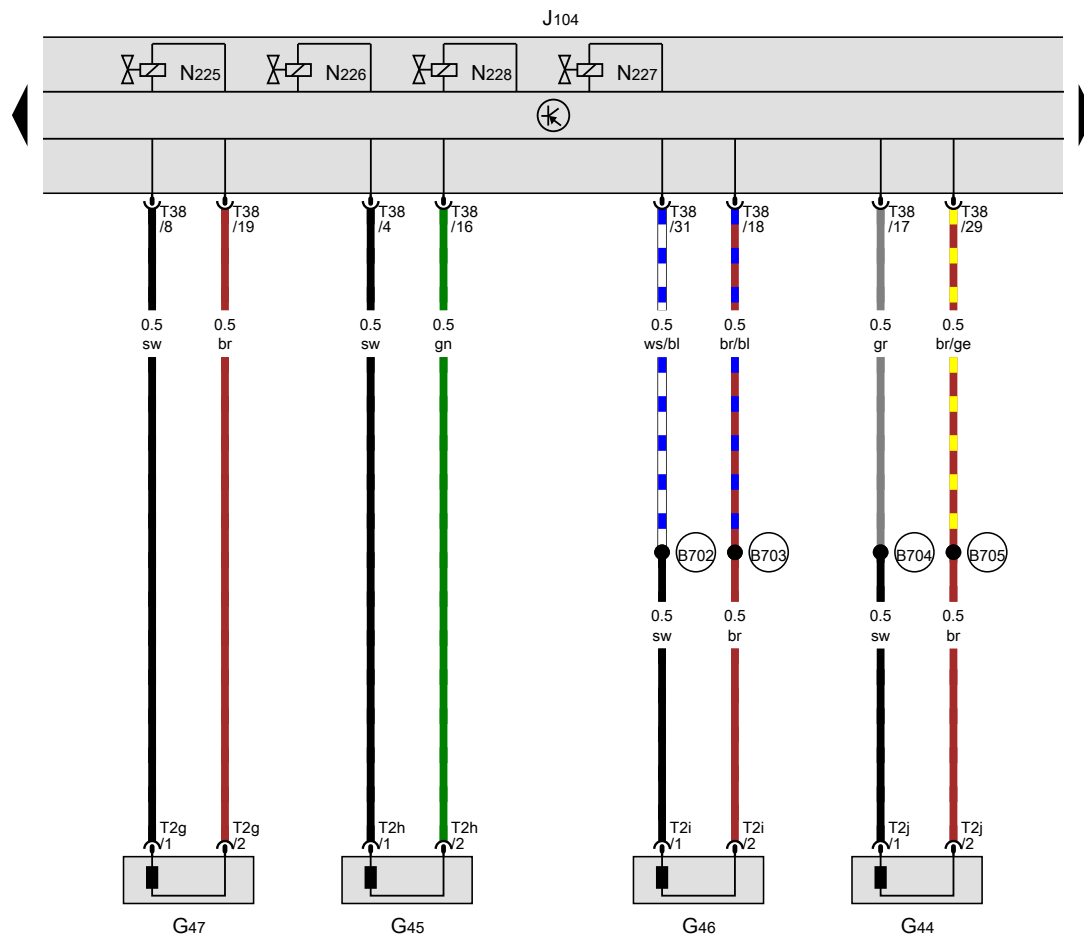
ABS control unit, ABS hydraulic unit, Front right ABS inlet valve, Front right ABS outlet valve, Fuse 3 on fuse holder B, Fuse 10 on fuse holder B, Fuse 39 on fuse holder C, Fuse 47 on fuse holder C, ABS return flow pump



- D Ignition/starter switch
- J104 ABS control unit
- N55 ABS hydraulic unit
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- SB3 Fuse 3 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SC39 Fuse 39 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- T1 1-pin connector
- T7 7-pin connector, black
- T38 38-pin connector, brown
- V39 ABS return flow pump
- 640 Earth point 2, left in engine compartment
- B626 Positive connection 2 (15), in main wiring harness
- * Not for Polo GTI
- *2 For Polo GTI

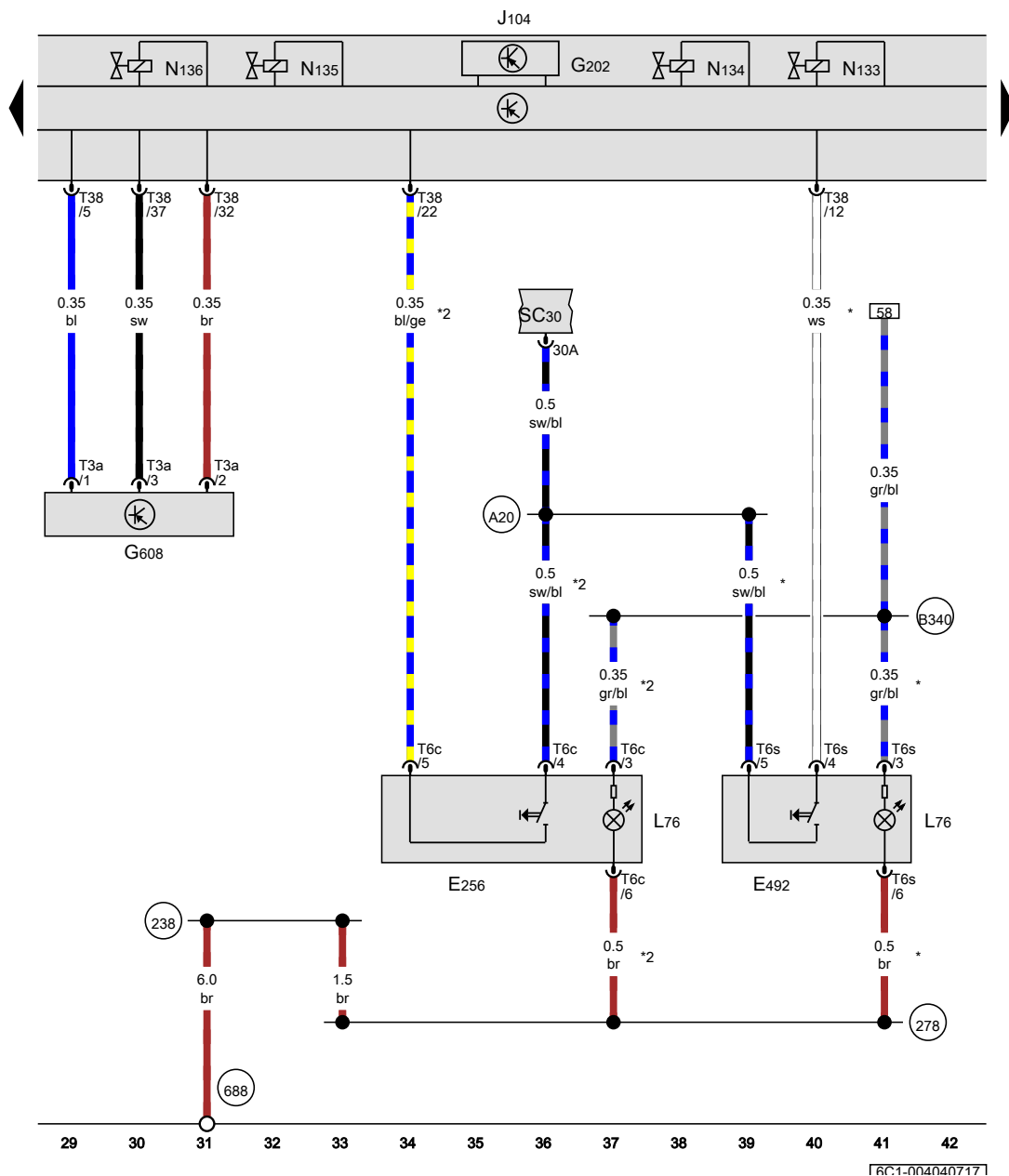
ws = white
sw = black
ro = red
rt = red
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Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, Vehicle stabilization program switch valve 1



- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- N227 Vehicle stabilization program high-pressure valve 1
- N228 Vehicle stabilization program high-pressure valve 2
- T2g 2-pin connector, black
- T2h 2-pin connector, black
- T2i 2-pin connector, black
- T2j 2-pin connector, black
- T38 38-pin connector, brown
- B702 Connection (rear left speed sensor +) in interior wiring harness
- B703 Connection (rear left speed sensor -) in interior wiring harness
- B704 Connection (rear right speed sensor +) in interior wiring harness
- B705 Connection (rear right speed sensor -) in interior wiring harness

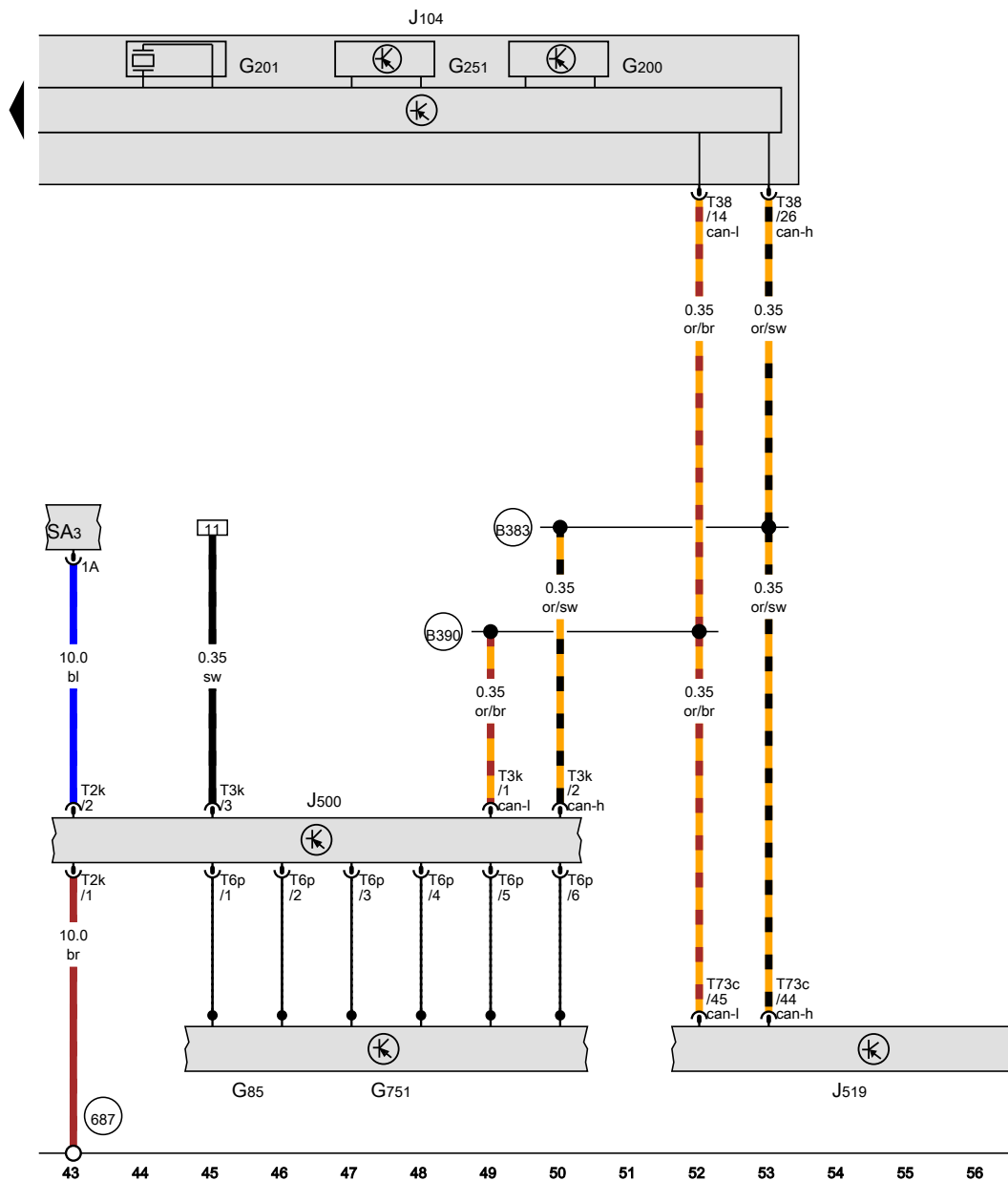
Button for TCS and electronic stabilisation program, Tyre Pressure Loss Indicator button, Yaw rate sender, ABS control unit, Rear left ABS outlet valve



- E256 Button for TCS and electronic stabilisation program
- E492 Tyre Pressure Loss Indicator button
- G202 Yaw rate sender
- G608 Vacuum sender
- J104 ABS control unit
- L76 Button illumination bulb
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- SC30 Fuse 30 on fuse holder C
- T3a 3-pin connector, black
- T6c 6-pin connector, green
- T6s 6-pin connector, red
- T38 38-pin connector, brown

- 238 Earth connection 1, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- A20 Positive connection (15a), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- * For models with Tyre Pressure Monitoring System
- *2 According to equipment

Steering angle sender, Lateral acceleration sender, Brake pressure sender 1, Longitudinal acceleration sender, Rotor position sender for active steering motor, ABS control unit, Power steering control unit, Onboard supply control unit



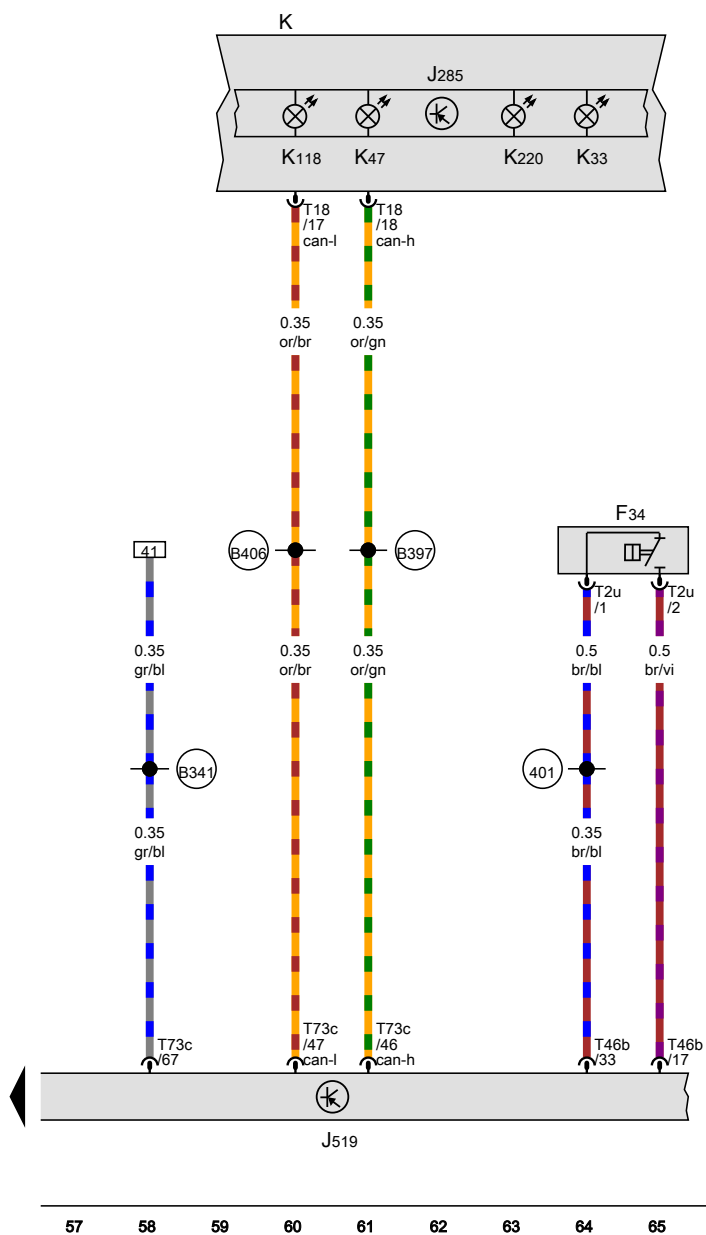
- G85 Steering angle sender
- G200 Lateral acceleration sender
- G201 Brake pressure sender 1
- G251 Longitudinal acceleration sender
- G751 Rotor position sender for active steering motor
- J104 ABS control unit
- J500 Power steering control unit
- J519 Onboard supply control unit
- SA3 Fuse 3 on fuse holder A
- T2k 2-pin connector, black
- T3k 3-pin connector, black
- T6p 6-pin connector, black
- T38 38-pin connector, brown
- T73c 73-pin connector, black

- 687 Earth point 1, on centre tunnel
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

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

16C1-004050717

Brake fluid level warning contact, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert



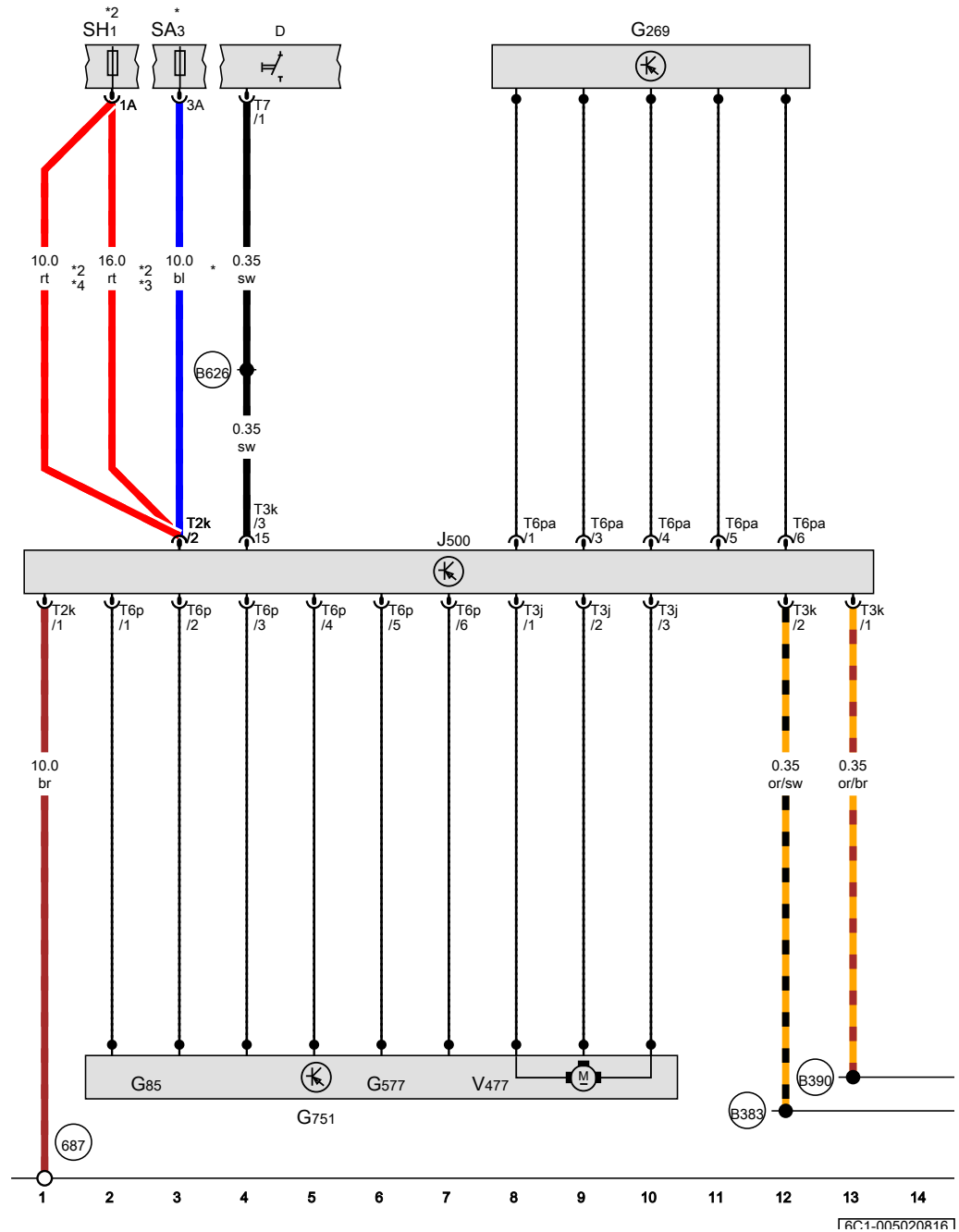
- F34 Brake fluid level warning contact
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K33 Brake fluid level warning lamp
- K47 ABS warning lamp
- K118 Brake system warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- T2u 2-pin connector, black
- T18 18-pin connector, black
- T46b 46-pin connector, brown
- T73c 73-pin connector, black

- 401 Earth connection (sender earth), in interior wiring harness
- B341 Connection 2 (58d), 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

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Power assisted steering , (1N1),(1N3)

From January 2014



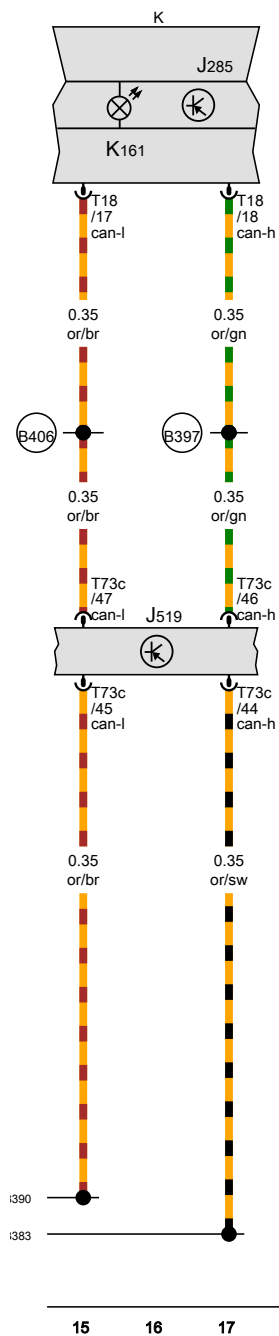
Ignition/starter switch, Steering moment sender, Rotor position sender for active steering motor, Power steering control unit, Active steering motor

- | | |
|------|---|
| D | Ignition/starter switch |
| G85 | Steering angle sender |
| G269 | Steering moment sender |
| G577 | Steering motor speed sender |
| G751 | Rotor position sender for active steering motor |
| J500 | Power steering control unit |
| SH1 | Fuse 1 in fuse holder H |
| SA3 | Fuse 3 on fuse holder A |
| T2k | 2-pin connector, black |
| T3j | 3-pin connector, black |
| T3k | 3-pin connector, black |
| T6p | 6-pin connector, black |
| T6pa | 6-pin connector |
| T7 | 7-pin connector, black |
| V477 | Active steering motor |

- 687 Earth point 1, on centre tunnel
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness

- * Only models with battery in engine compartment
*2 Only models with battery in luggage compartment
*3 Up to May 2016
*4 From May 2016

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



Onboard supply control unit, Dash panel insert

J285 Control unit in dash panel insert

J519 Onboard supply control unit

K Dash panel insert

K161 Electromechanical power steering warning lamp

T18 18-pin connector, black

T73c 73-pin connector, black

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

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

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

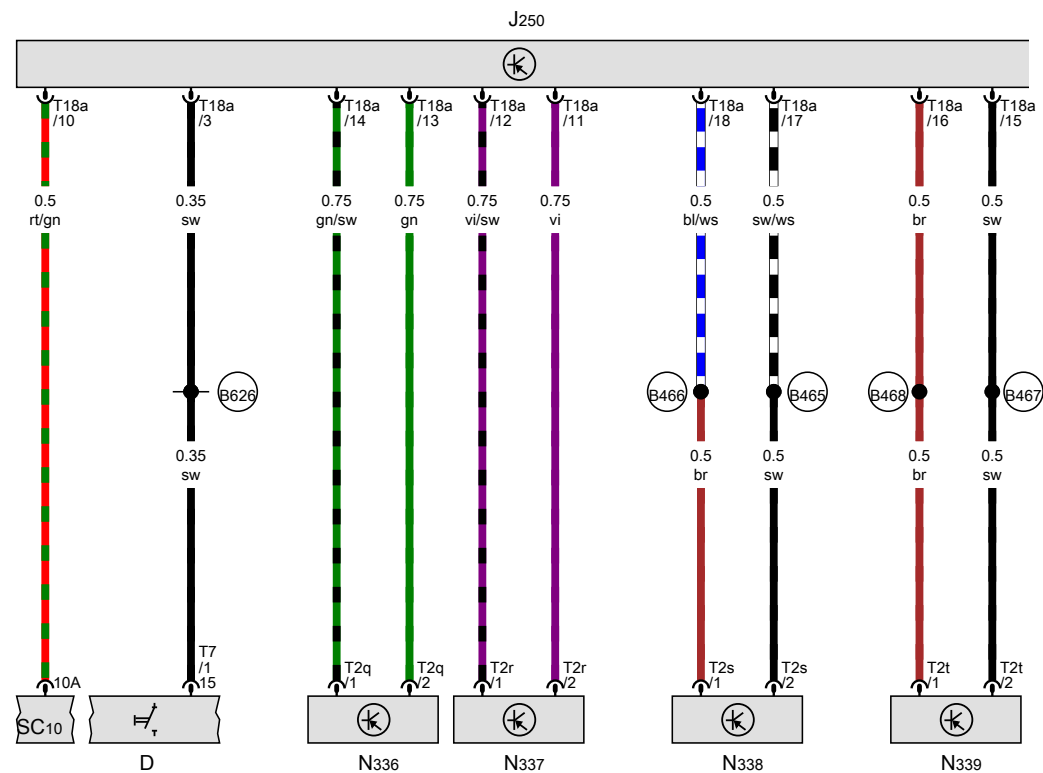
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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Dynamic Chassis Control , (2H4)

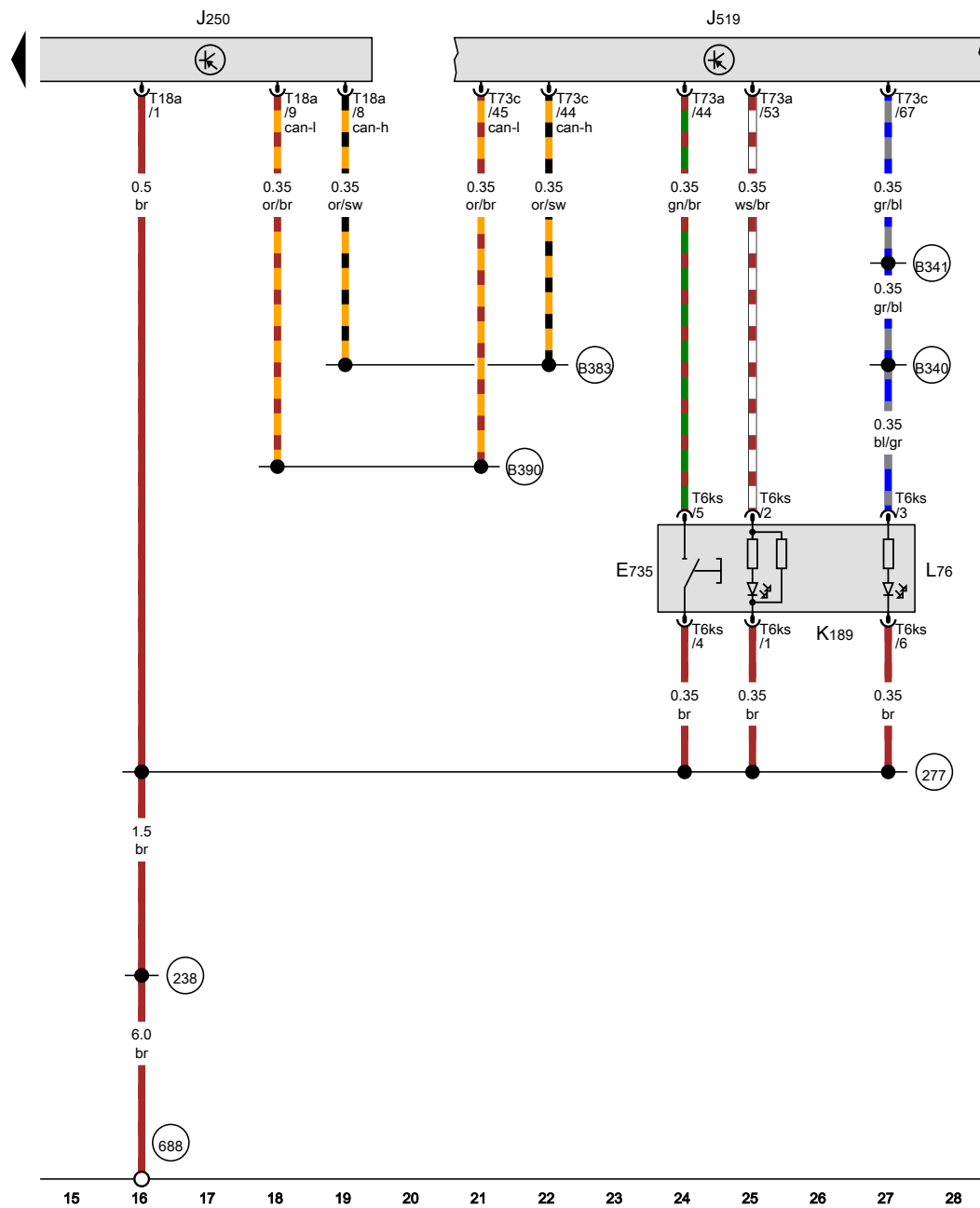
From January 2014

Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve



- D Ignition/starter switch
- J250 Electronically controlled damping control unit
- N336 Front left shock absorber damping adjustment valve
- N337 Front right shock absorber damping adjustment valve
- N338 Rear left shock absorber damping adjustment valve
- N339 Rear right shock absorber damping adjustment valve
- SC10 Fuse 10 on fuse holder C
- T2q 2-pin connector
- T2r 2-pin connector, black
- T2s 2-pin connector
- T2t 2-pin connector
- T7 7-pin connector
- T18a 18-pin connector, black
- B465 Connection 1, in main wiring harness
- B466 Connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B468 Connection 4, in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness

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 li = purple
 vi = purple
 ge = yellow
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Driving mode selection button, Electronically controlled damping control unit, Onboard supply control unit

- E735 Driving mode selection button
- J250 Electronically controlled damping control unit
- J519 Onboard supply control unit
- K189 Shock absorber damping adjustment warning lamp
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T18a 18-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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

Climatronic , (9AK)

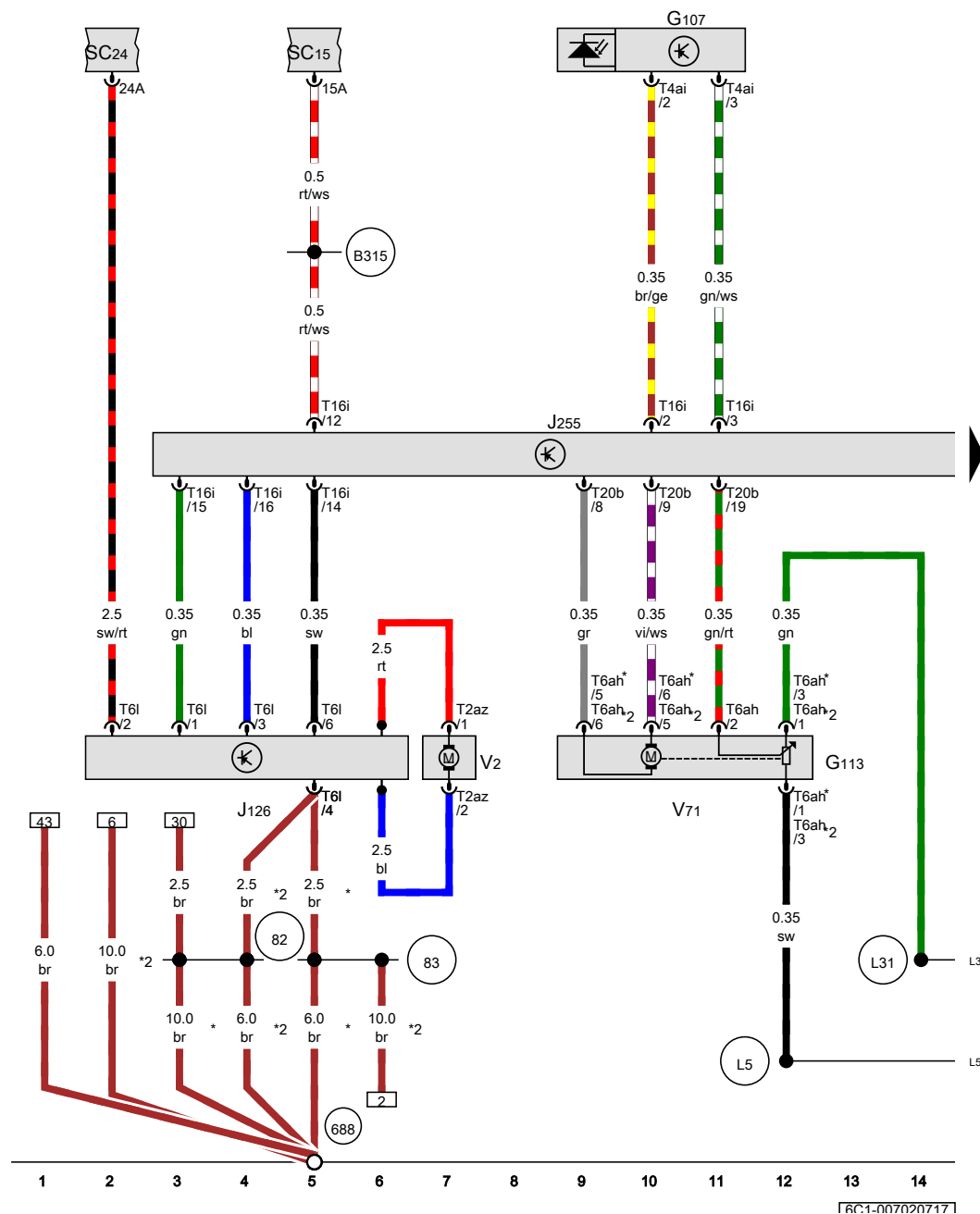
From January 2014

Sunlight penetration photosensor, Fresh air blower control unit, Climatronic control unit, Fresh air blower, Air flow flap control motor

- G107 Sunlight penetration photosensor
- G113 Potentiometer for air flow flap control motor
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- SC15 Fuse 15 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- T2az 2-pin connector
- T4ai 4-pin connector
- T6ah 6-pin connector
- T6l 6-pin connector
- T16i 16-pin connector
- T20b 20-pin connector
- V2 Fresh air blower
- V71 Air flow flap control motor

- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 688 Earth point 2, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- L5 Connection 1, in evaporator housing unit wiring harness
- L31 Connection (5V), in air conditioning system wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

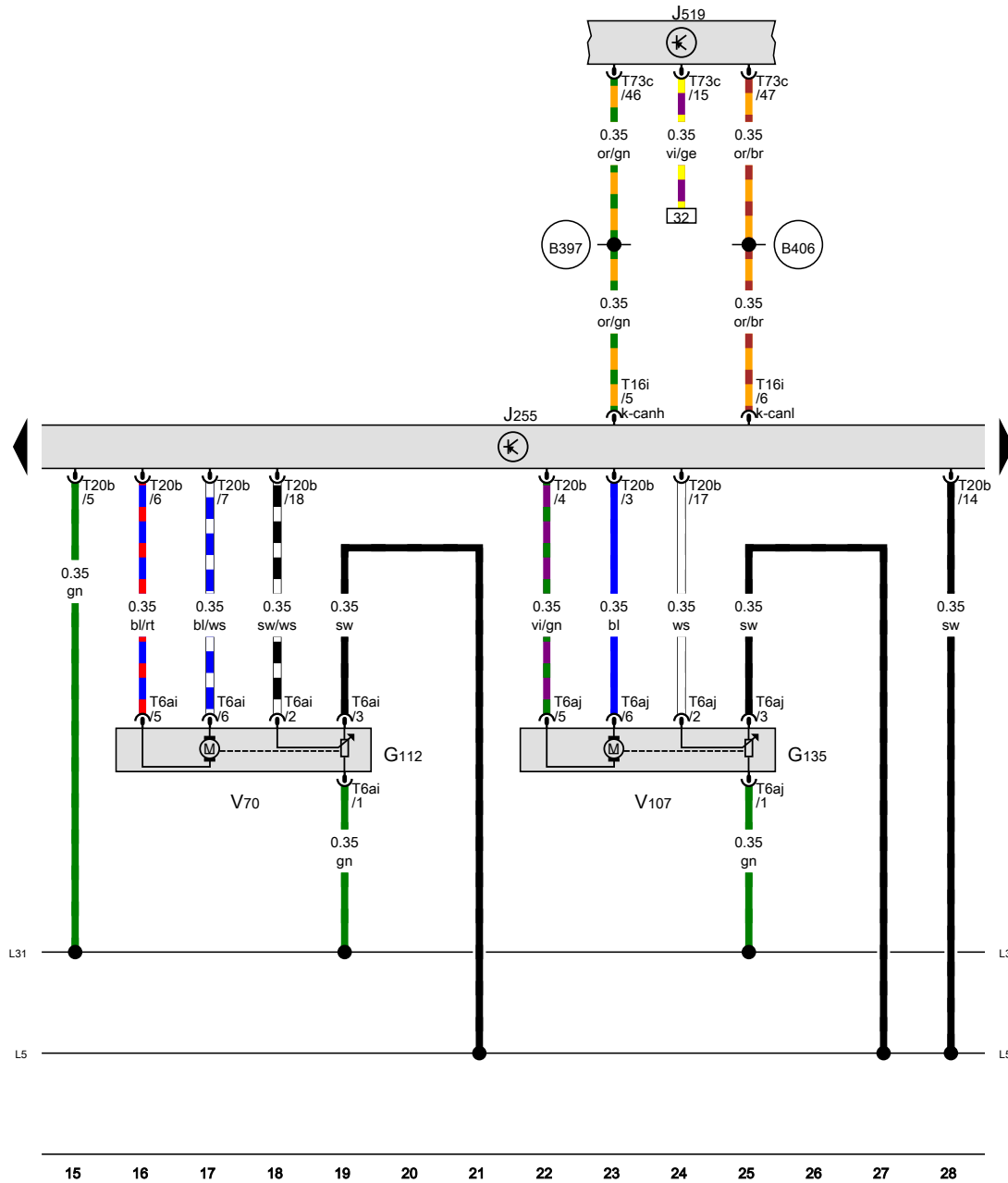
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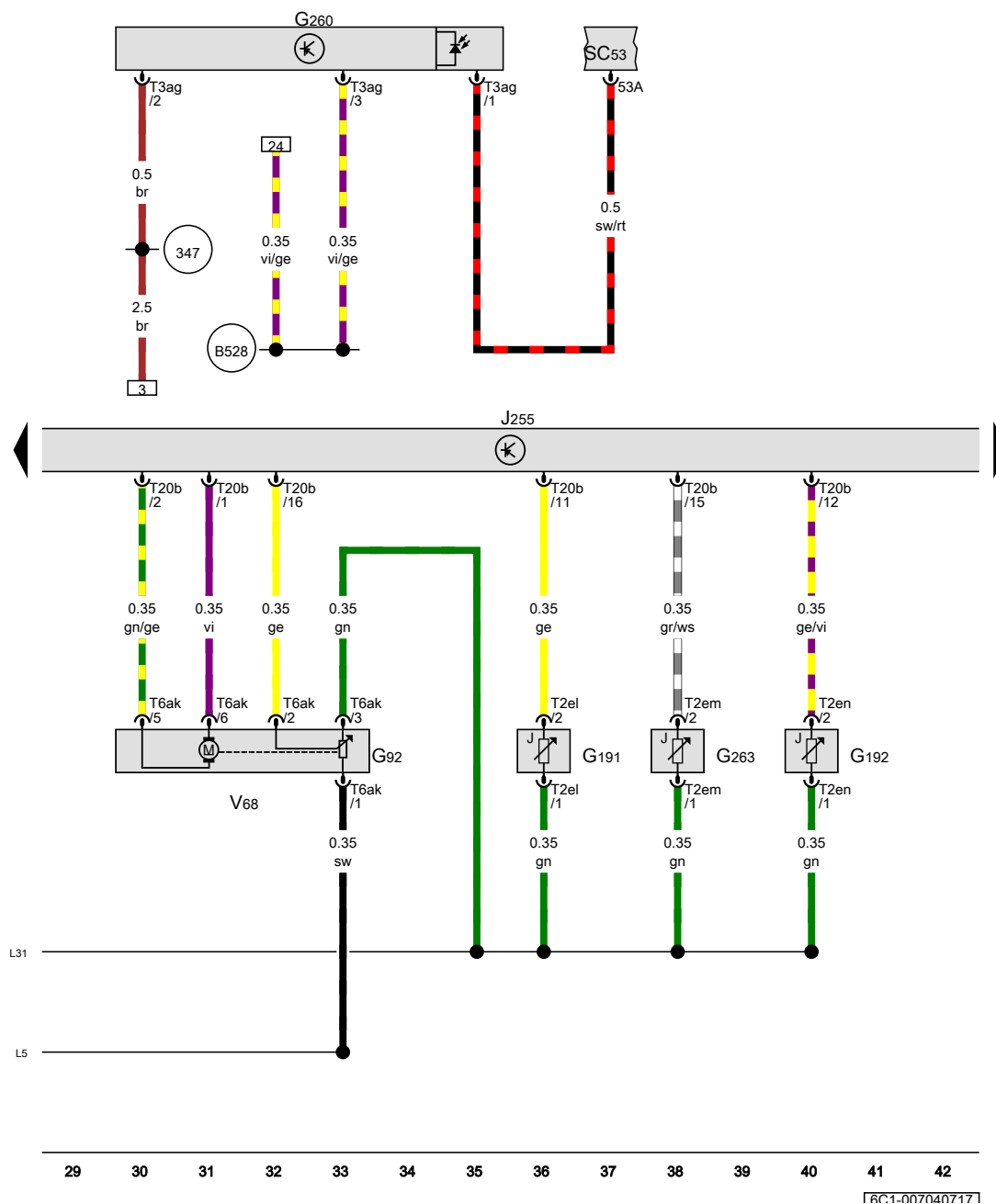
Climatronic control unit, Onboard supply control unit, Centre flap control motor, Defroster flap control motor

- | | |
|------|--|
| G112 | Potentiometer for centre flap control motor |
| G135 | Potentiometer for defroster flap control motor |
| J255 | Climatronic control unit |
| J519 | Onboard supply control unit |
| T6ai | 6-pin connector |
| T6aj | 6-pin connector |
| T16i | 16-pin connector |
| T20b | 20-pin connector |
| T73c | 73-pin connector |
| V70 | Centre flap control motor |
| V107 | Defroster flap control motor |

- | | |
|------|--|
| B397 | Connection 1 (convenience CAN bus, high), in main wiring harness |
| B406 | Connection 1 (convenience CAN bus, low), in main wiring harness |
| L5 | Connection 1, in evaporator housing unit wiring harness |
| L31 | Connection (5V), in air conditioning system wiring harness |



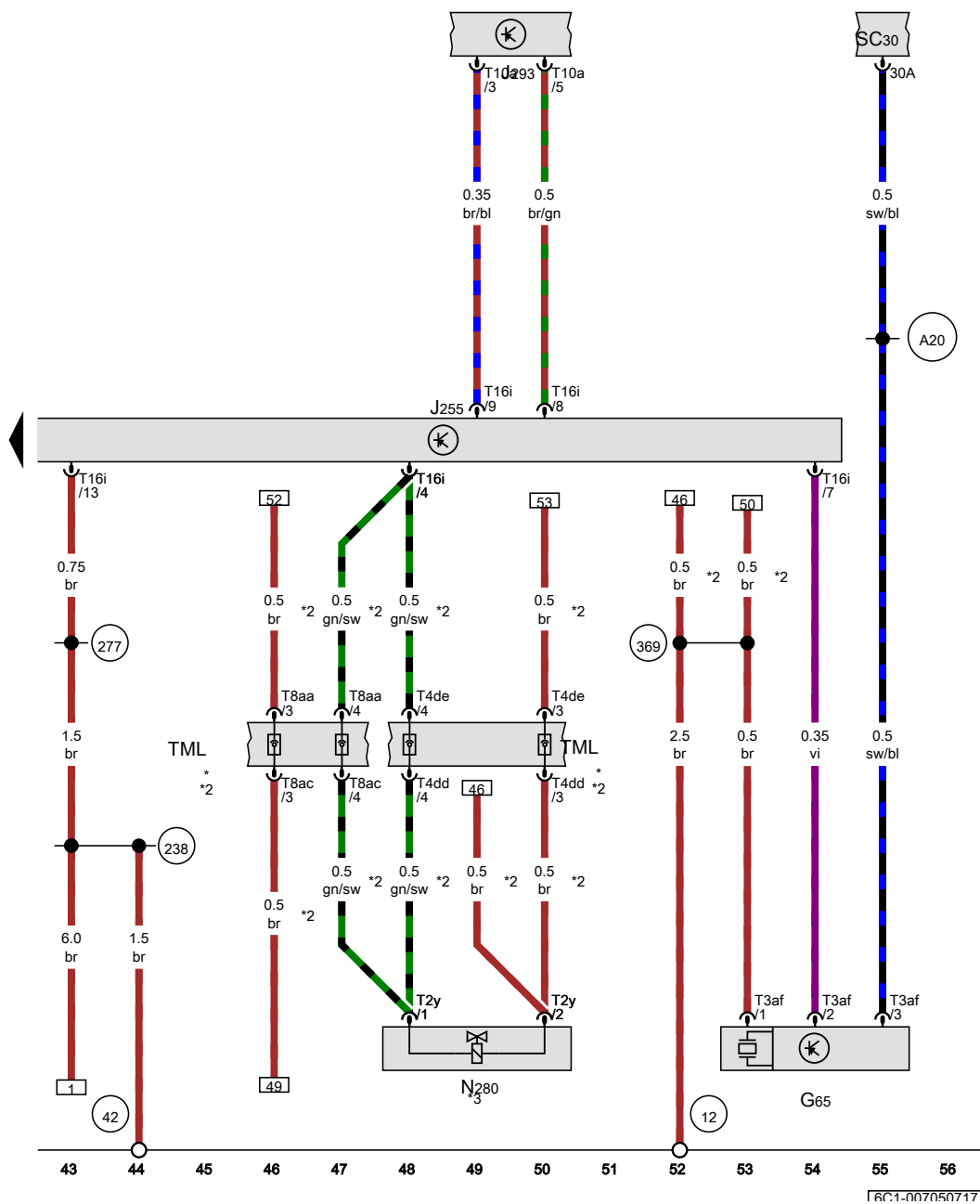
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Centre vent temperature sender, Footwell vent temperature sender, Humidity sender for air conditioning system, Evaporator output temperature sender, Climatronic control unit, Temperature flap control motor

- G92 Potentiometer for temperature flap control motor
- G191 Centre vent temperature sender
- G192 Footwell vent temperature sender
- G260 Humidity sender for air conditioning system
- G263 Evaporator output temperature sender
- J255 Climatronic control unit
- SC53 Fuse 53 on fuse holder C
- T2el 2-pin connector
- T2em 2-pin connector
- T2en 2-pin connector
- T3ag 3-pin connector
- T6ak 6-pin connector
- T20b 20-pin connector
- V68 Temperature flap control motor

- 347 Earth connection, in roof wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- L5 Connection 1, in evaporator housing unit wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



High-pressure sender, Climatronic control unit

- G65 High-pressure sender
- J255 Climatronic control unit
- J293 Radiator fan control unit
- N280 Air conditioner compressor regulating valve
- SC30 Fuse 30 on fuse holder C
- T2y 2-pin connector
- T3af 3-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- T8aa 8-pin connector, black
- T8ac 8-pin connector, black
- T10a 10-pin connector
- T16i 16-pin connector
- TML Coupling point in engine compartment, left, near starter

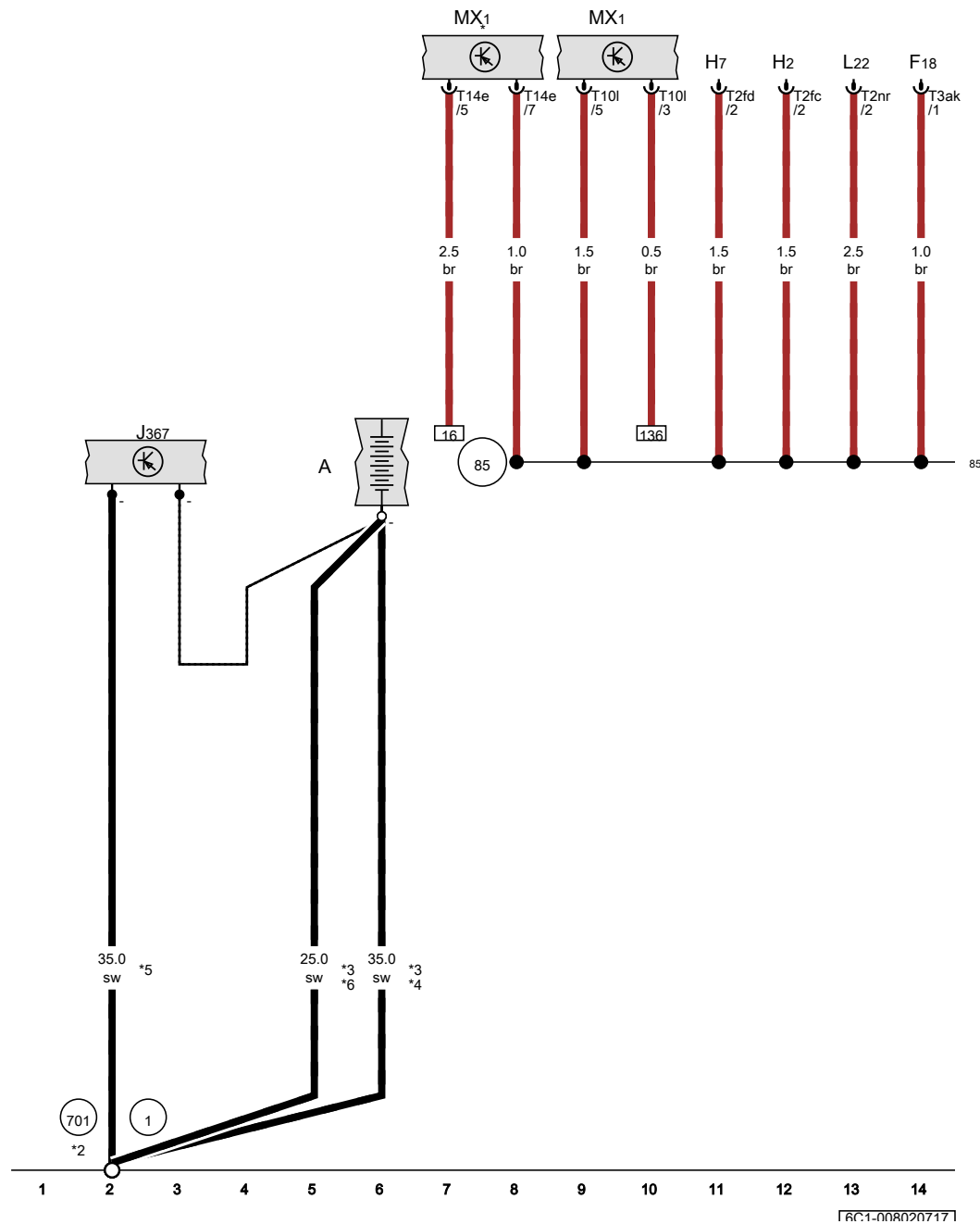
- 12 Earth point, on left in engine compartment
- 42 Earth point, next to steering column
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 369 Earth connection 4, in main wiring harness
- A20 Positive connection (15a), in dash panel wiring harness

- * Connector colour depends on market
- *2 According to equipment
- *3 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

Earthing concept

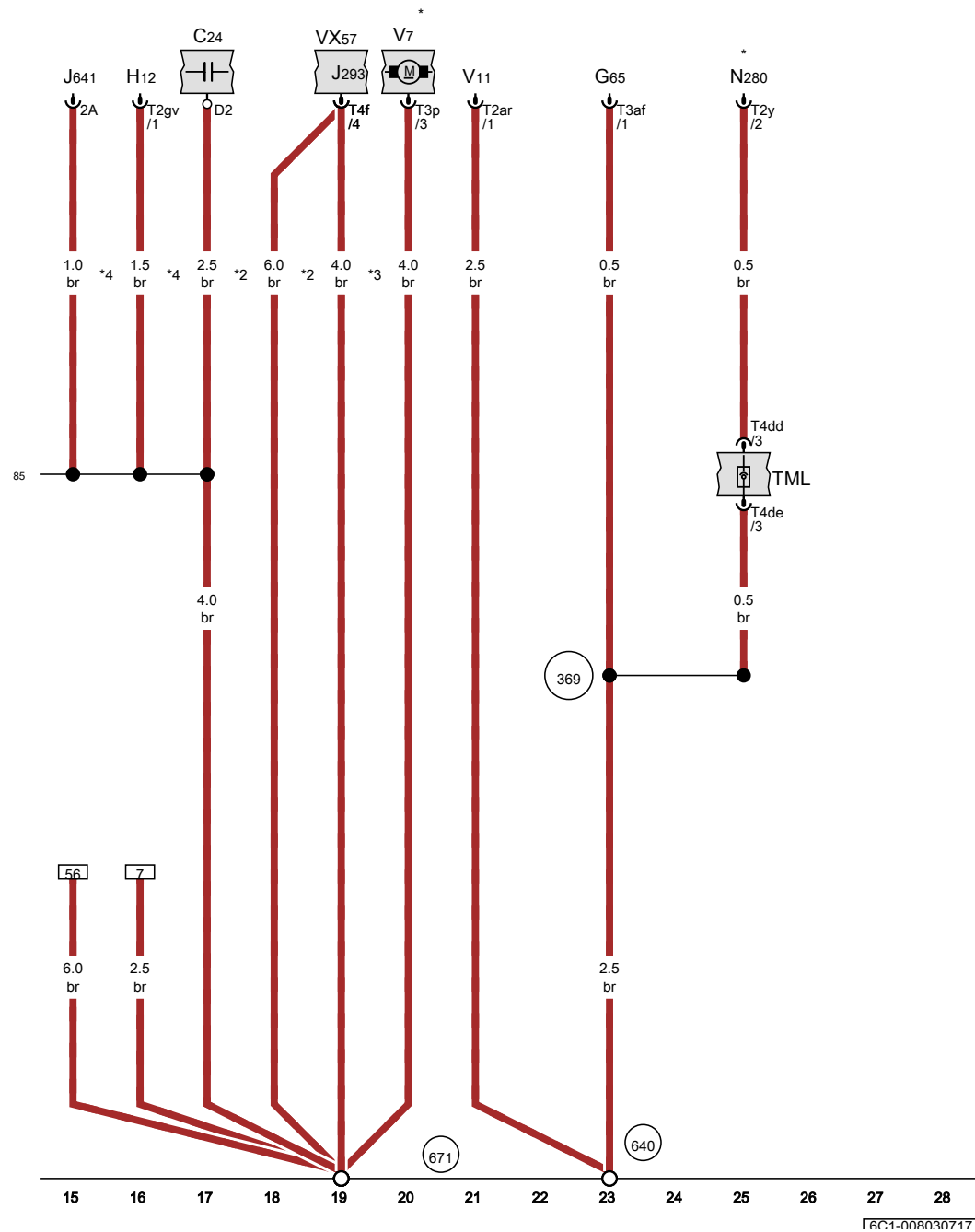
From January 2014



Battery, Radiator fan thermal switch, Treble horn, Bass horn, Battery monitor control unit, Left fog light bulb, Front left headlight, Earth strap, battery - body, Earth connection 1, in engine compartment wiring harness

- A Battery
- F18 Radiator fan thermal switch
- H2 Treble horn
- H7 Bass horn
- J367 Battery monitor control unit
- L22 Left fog light bulb
- MX1 Front left headlight
- T2fc 2-pin connector, black
- T2fd 2-pin connector, black
- T2nr 2-pin connector, black
- T3ak 3-pin connector, black
- T10l 10-pin connector
- T14e 14-pin connector, black
- 1 Earth strap, battery - body
- 85 Earth connection 1, in engine compartment wiring harness
- 701 Earth point in luggage compartment
- * Headlight with gas discharge light
- *2 For models with battery in luggage compartment
- *3 For models with no start/stop system
- *4 Up to May 2016
- *5 For models with start/stop system
- *6 From May 2016

ws = white
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High-pressure sender, Radiator fan control unit, Air conditioner compressor regulating valve, Radiator fan, Headlight washer system pump, Earth connection 1, in engine compartment wiring harness

- C24 Suppression filter
- G65 High-pressure sender
- H12 Alarm horn
- J293 Radiator fan control unit
- J641 Alarm horn relay
- N280 Air conditioner compressor regulating valve
- T2ar 2-pin connector, black
- T2gv 2-pin connector
- T2y 2-pin connector, black
- T3af 3-pin connector, black
- T3p 3-pin connector, black
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- T4f 4-pin connector, black
- TML Coupling point in engine compartment, left
- V7 Radiator fan
- V11 Headlight washer system pump
- VX57 Radiator fan

- 85 Earth connection 1, in engine compartment wiring harness
- 369 Earth connection 4, in main wiring harness
- 640 Earth point 2, left in engine compartment
- 671 Earth point 1, on front of left longitudinal member
- * Pre-wired component
- *2 For models with battery in luggage compartment
- *3 For models with battery in engine compartment
- *4 For South Africa

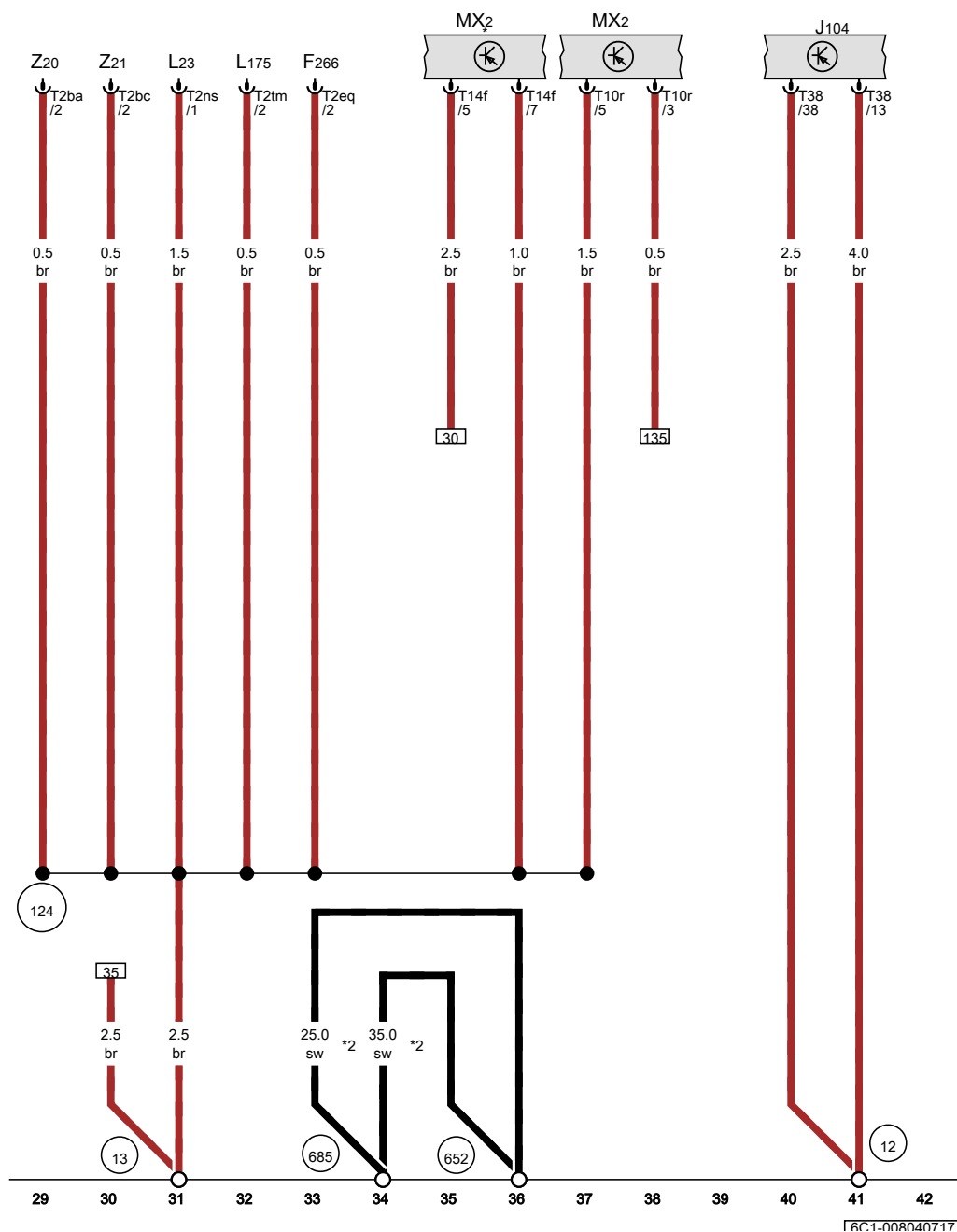
- ws = white
- sw = black
- ro = red
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Bonnet contact switch, ABS control unit, Right fog light bulb, Right daytime running light bulb, Front right headlight, Left washer jet heater element, Right washer jet heater element, Earth connection, in right side engine compartment wiring harness, Earth point 1, on front of right longitudinal member

- F266 Bonnet contact switch
- J104 ABS control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- T2ba 2-pin connector
- T2bc 2-pin connector
- T2eq 2-pin connector
- T2ns 2-pin connector
- T2tm 2-pin connector
- T10r 10-pin connector
- T14f 14-pin connector
- T38 38-pin connector, brown
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 12 Earth point, on left in engine compartment
- 13 Earth point, on right in engine compartment
- 124 Earth connection, in right side engine compartment wiring harness
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- * Headlight with gas discharge light
- *2 According to equipment

- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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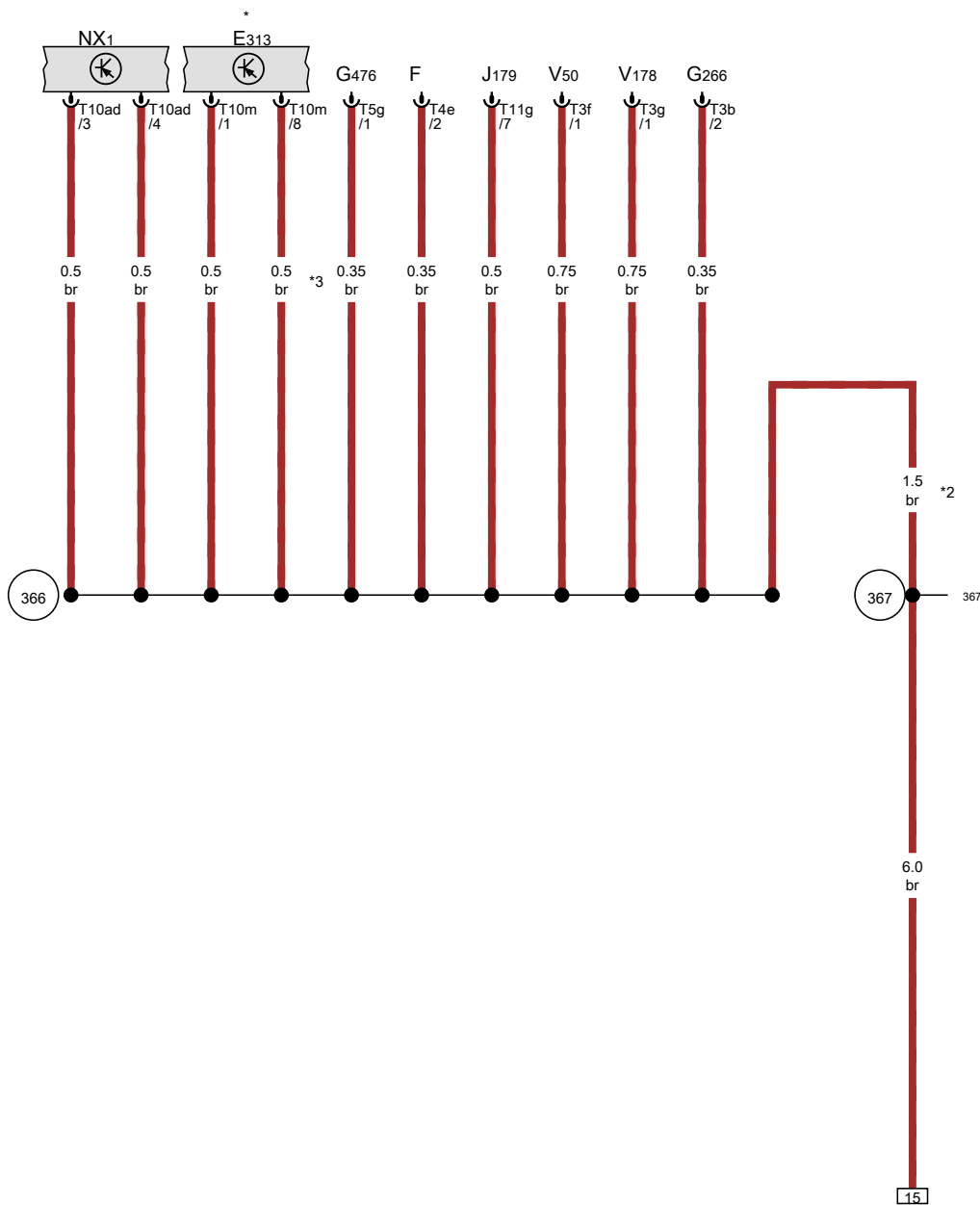
Selector lever, Brake light switch, Oil level and oil temperature sender, Clutch position sender, Automatic glow period control unit, Gearbox, Coolant circulation pump, Coolant circulation pump 2

- E313 Selector lever
- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J179 Automatic glow period control unit
- NX1 Gearbox
- T3b 3-pin connector
- T3f 3-pin connector
- T3g 3-pin connector
- T4e 4-pin connector
- T5g 5-pin connector
- T10ad 10-pin connector, black
- T10m 10-pin connector
- T11g 11-pin connector
- V50 Coolant circulation pump
- V178 Coolant circulation pump 2

366 Earth connection 1, in main wiring harness

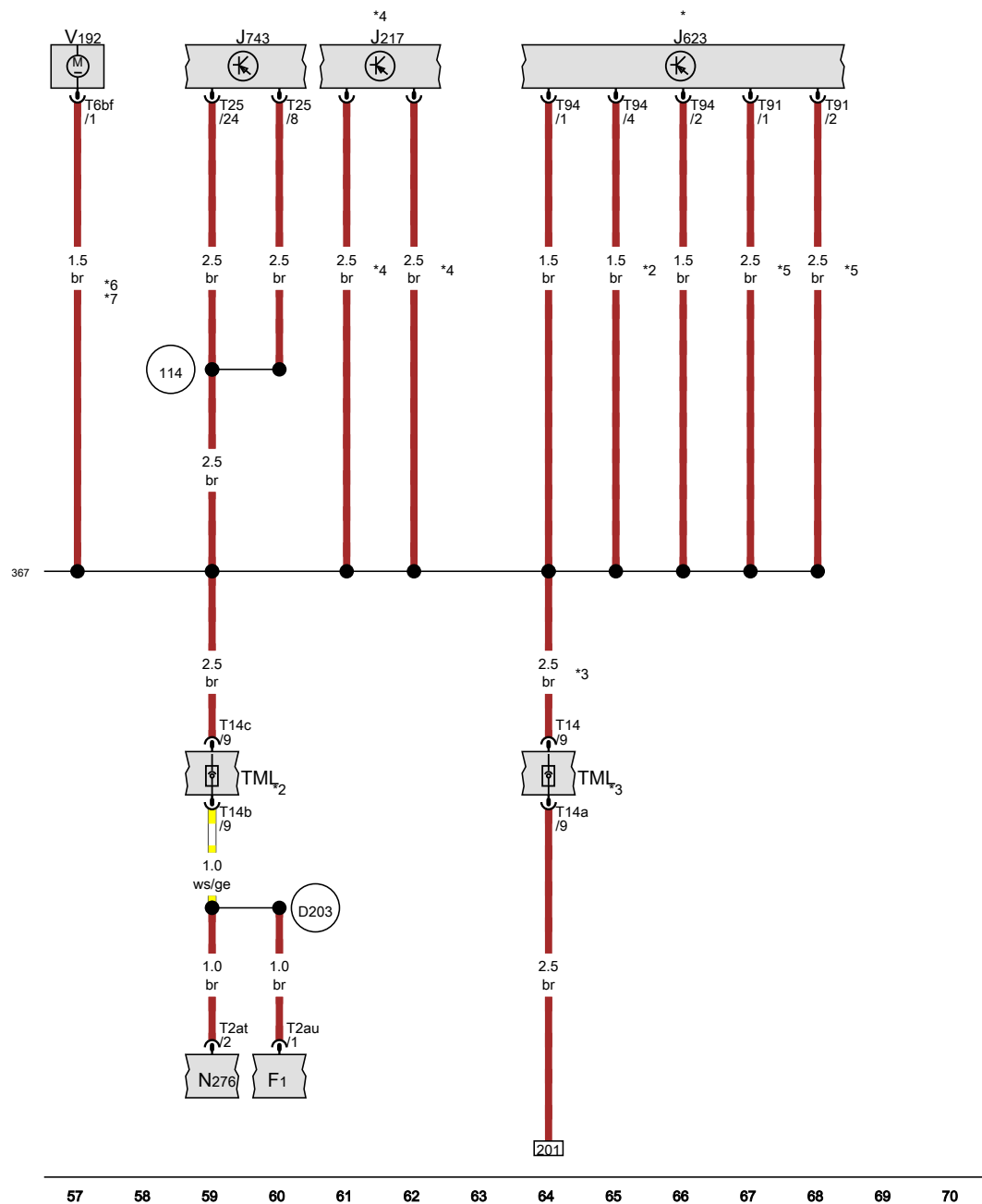
367 Earth connection 2, in main wiring harness

- * Pre-wired component
- *2 see applicable current flow diagram for engine
- *3 For models with automatic gearbox



- ws = white
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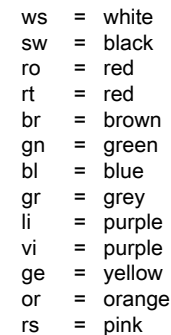


Automatic gearbox control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F1 Oil pressure switch
- J217 Automatic gearbox control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N276 Fuel pressure regulating valve
- T2at 2-pin connector
- T2au 2-pin connector
- T6bf 6-pin connector, black
- T14 14-pin connector
- T14a 14-pin connector
- T14b 14-pin connector
- T14c 14-pin connector
- T25 25-pin connector
- T91 91-pin connector
- T94 94-pin connector
- TML Coupling point in engine compartment, left
- V192 Vacuum pump for brakes

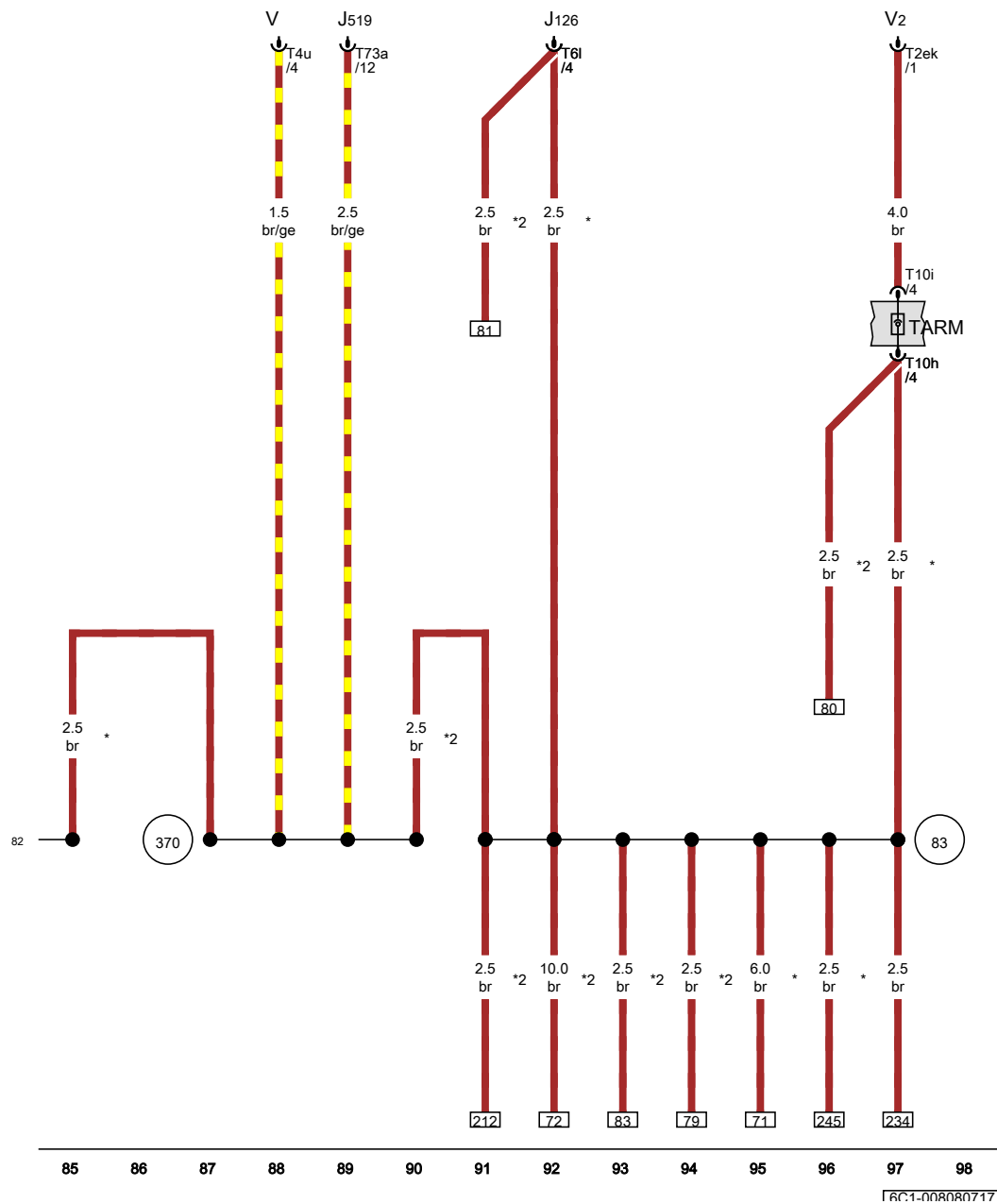
- 114 Earth connection, in automatic gearbox wiring harness
- 367 Earth connection 2, in main wiring harness
- D203 Connection (oil pressure switch) in engine compartment wiring harness
- * see applicable current flow diagram for engine
- *2 For models with diesel engine
- *3 For models with petrol engine
- *4 see applicable current flow diagram for automatic gearbox
- *5 For models with battery in luggage compartment
- *6 For models with equipment for Japan
- *7 For models with Euro 6 emission standard

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G397	Rain and light sensor
G578	Anti-theft alarm sensor
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
T2fr	2-pin connector
T2fs	2-pin connector
T2gr	2-pin connector
T2gs	2-pin connector
T3ag	3-pin connector
T3am	3-pin connector
T4pa	4-pin connector
T8b	8-pin connector
T10x	10-pin connector
T73a	73-pin connector
TH	Coupling point for roof
W7	Centre interior light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
Y7	Automatic anti-dazzle interior mirror
82	Earth connection 1, in front left wiring harness
347	Earth connection, in roof wiring harness
688	Earth point 2, on centre tunnel
*	For left-hand drive models
*2	For right-hand drive models
*3	For models with rain and light sensor
*4	For models with automatic anti-dazzle interior mirror

Fresh air blower control unit, Onboard supply control unit, Windscreen wiper motor, Fresh air blower

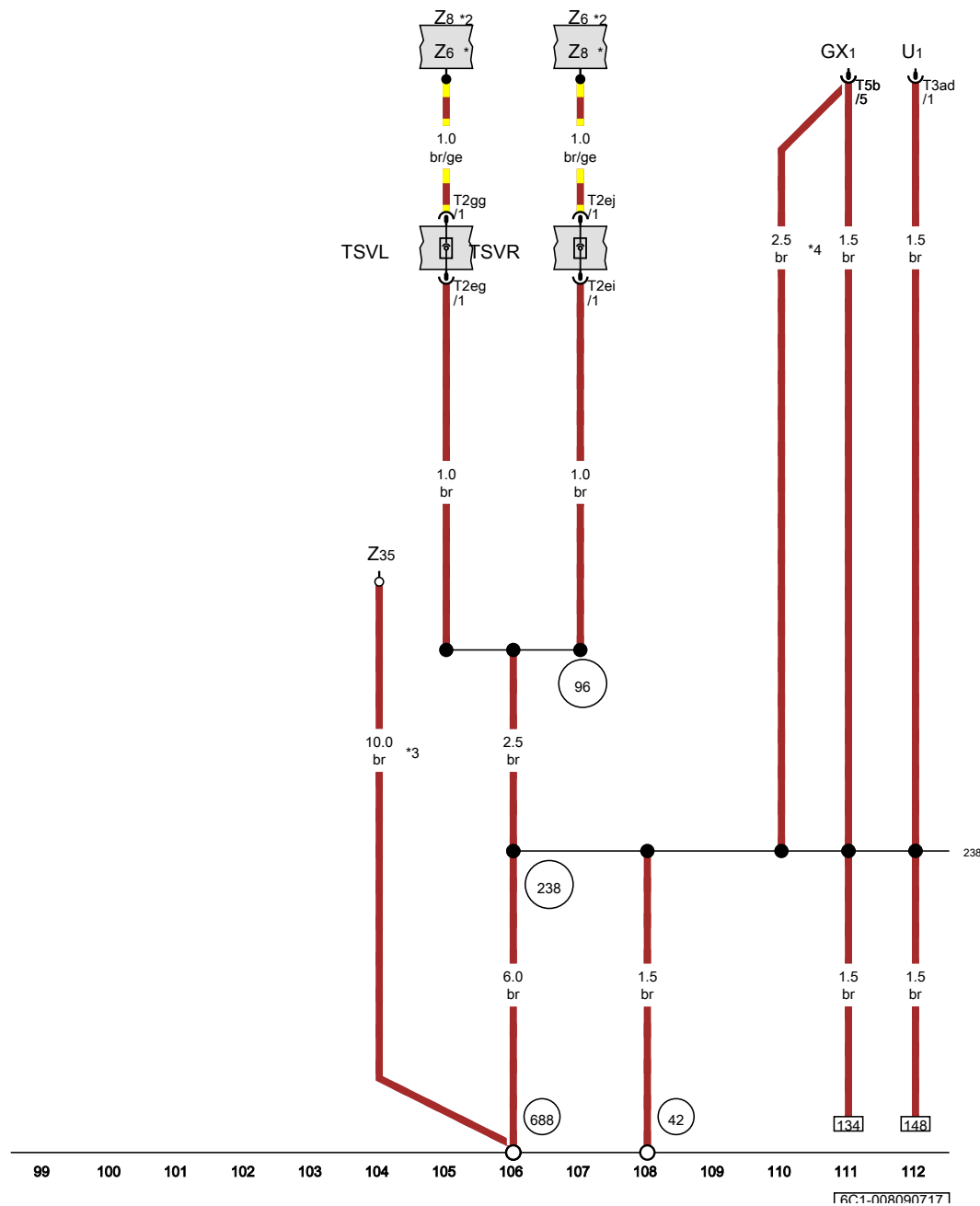


- J126 Fresh air blower control unit
- J519 Onboard supply control unit
- T2ek 2-pin connector
- T4u 4-pin connector
- T6l 6-pin connector
- T10h 10-pin connector
- T10i 10-pin connector
- T73a 73-pin connector
- TARM Coupling point on right A-pillar, middle
- V Windscreen wiper motor
- V2 Fresh air blower

- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 370 Earth connection 5, in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

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- gr = grey
- li = purple
- vi = purple
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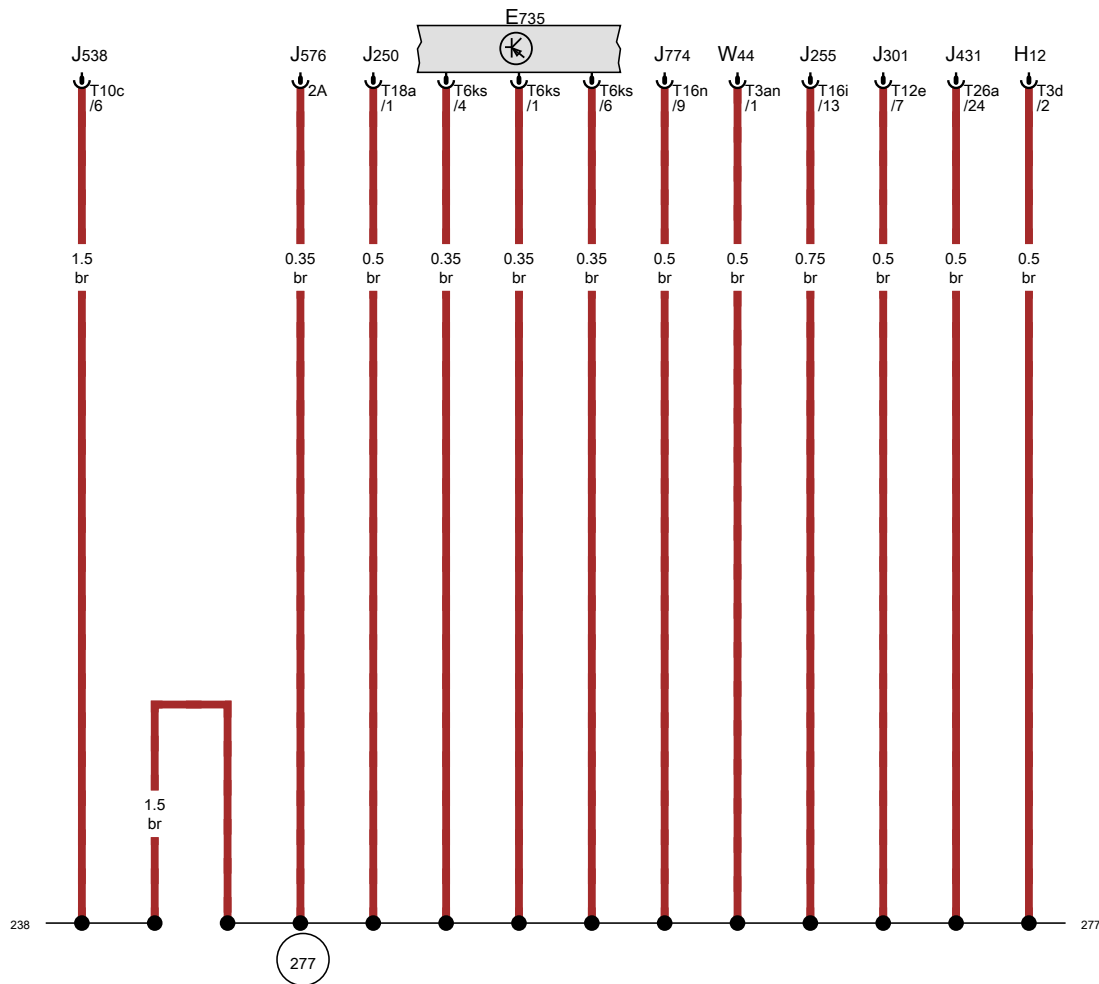
Fuel delivery unit, Cigarette lighter, Heated seat cushion for driver seat, Heated seat cushion for front passenger seat



- GX1 Fuel delivery unit
- T2eg 2-pin connector
- T2ei 2-pin connector
- T2ej 2-pin connector
- T2gg 2-pin connector
- T3ad 3-pin connector
- T5b 5-pin connector
- TSVL Coupling point for front left seat
- TSVR Coupling point for front right seat
- U1 Cigarette lighter
- Z6 Heated seat cushion for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z35 Auxiliary air heater element

- 42 Earth point, next to steering column
- 96 Earth connection 1, in seat heating wiring harness
- 238 Earth connection 1, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- * For left-hand drive models
- *2 For right-hand drive models
- *3 For models with auxiliary air heating
- *4 For models with diesel engine

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- gr = grey
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Driving mode selection button, Alarm horn, Electronically controlled damping control unit, Climatronic control unit, Air conditioning system control unit, Headlight range control unit, Fuel pump control unit, Heated front seats control unit, Rear centre reading light

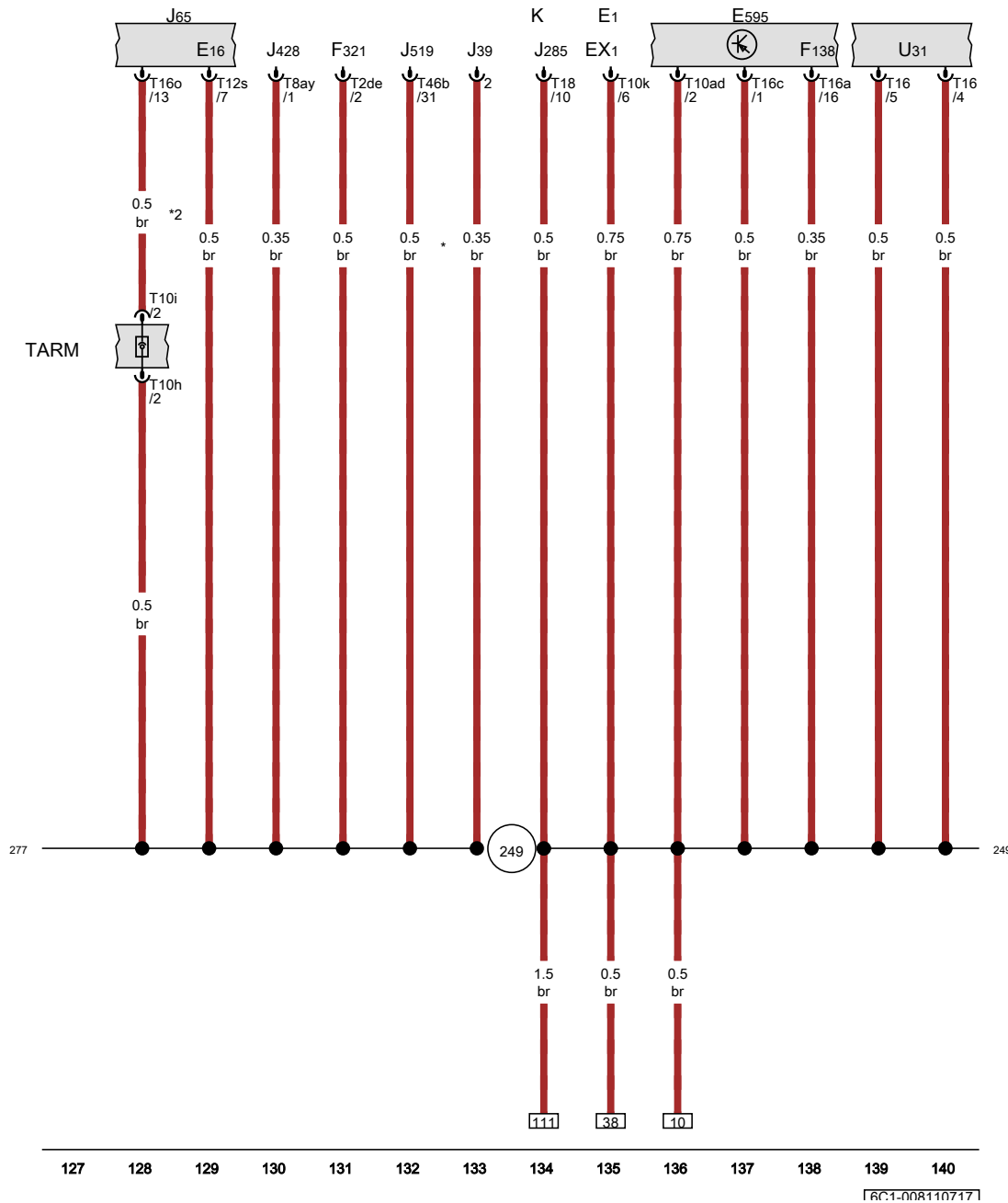
- E735 Driving mode selection button
- H12 Alarm horn
- J250 Electronically controlled damping control unit
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J431 Headlight range control unit
- J538 Fuel pump control unit
- J576 Washer pump relay
- J774 Heated front seats control unit
- T3an 3-pin connector
- T3d 3-pin connector
- T6ks 6-pin connector
- T10c 10-pin connector
- T12e 12-pin connector
- T16i 16-pin connector
- T16n 16-pin connector
- T18a 18-pin connector
- T26a 26-pin connector
- W44 Rear centre reading light

238 Earth connection 1, in interior wiring harness

277 Earth connection 3, in interior wiring harness

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- bl = blue
- gr = grey
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- vi = purple
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- or = orange
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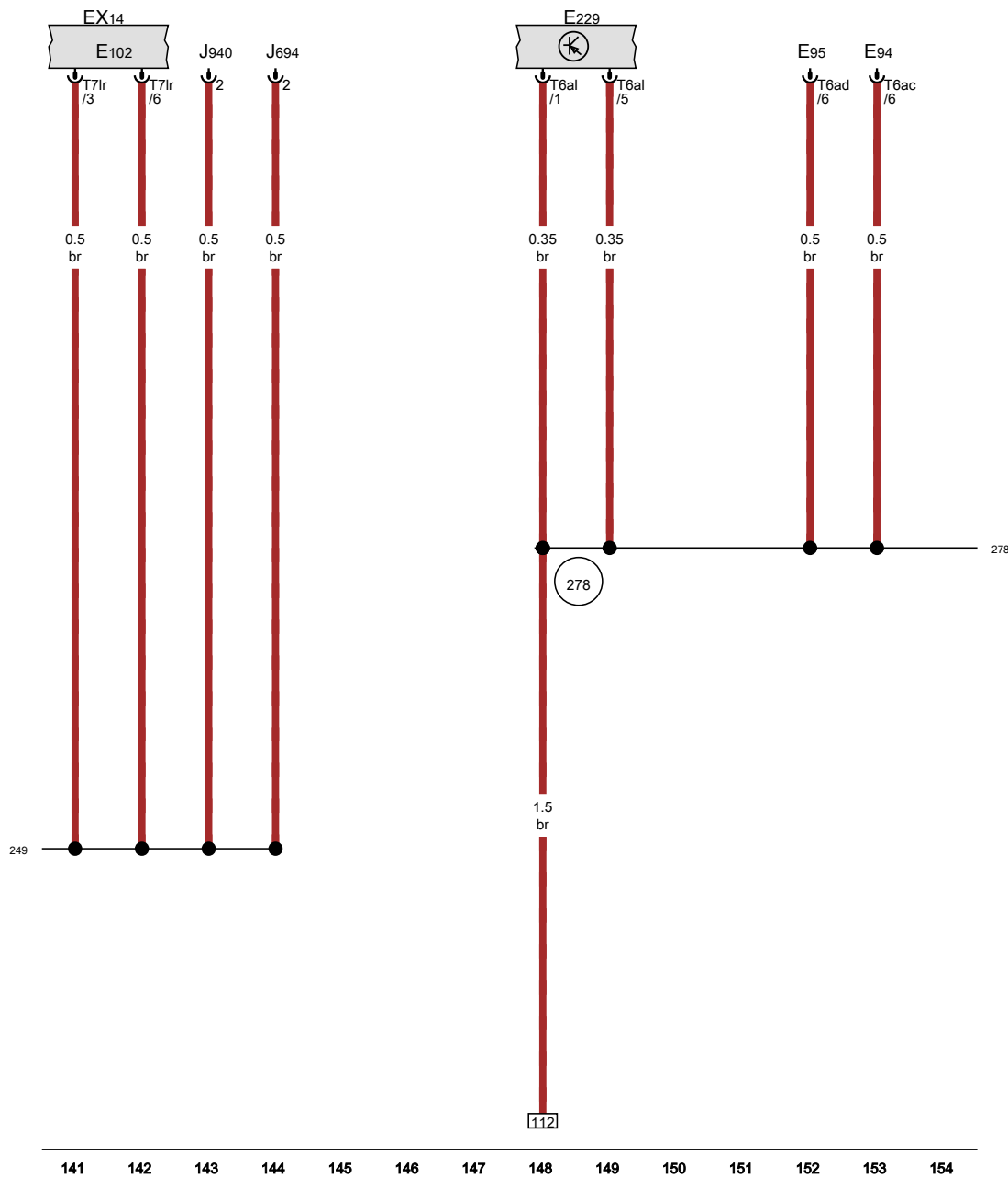


Rotary light switch, Steering column combination switch, Headlight washer system relay, Heater control unit, Control unit in dash panel insert, Adaptive cruise control unit, Diagnostic connection

- E1 Light switch
- EX1 Rotary light switch
- E16 Heater/heat output switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- F321 Parking brake contact switch
- J39 Headlight washer system relay
- J65 Heater control unit
- J285 Control unit in dash panel insert
- J428 Adaptive cruise control unit
- J519 Onboard supply control unit
- K Dash panel insert
- T2de 2-pin connector
- T8ay 8-pin connector
- T10ad 10-pin connector
- T10h 10-pin connector, black
- T10i 10-pin connector, black
- T10k 10-pin connector
- T12s 12-pin connector
- T16 16-pin connector
- T16a 16-pin connector
- T16c 16-pin connector
- T16o 16-pin connector, black
- T18 18-pin connector
- T46b 46-pin connector
- TARM Coupling point on right A-pillar, middle
- U31 Diagnostic connection

249 Earth connection 2, in interior wiring harness

277 Earth connection 3, in interior wiring harness

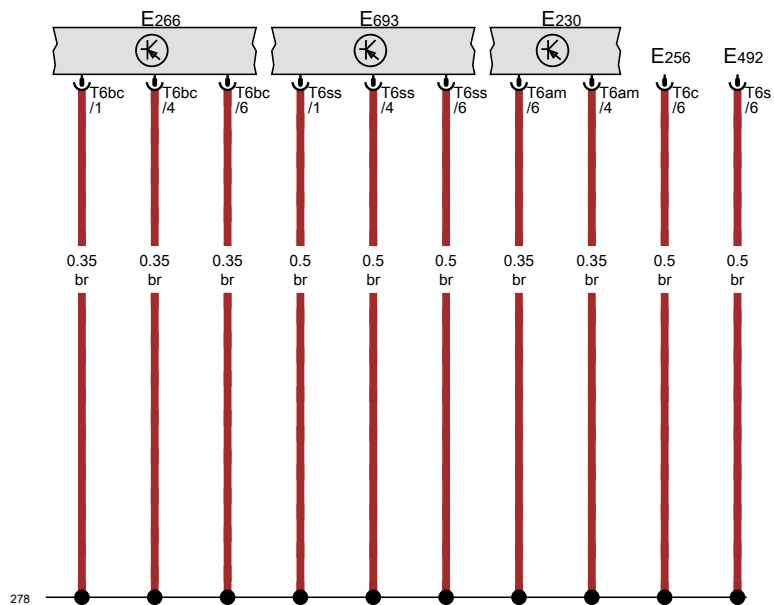


Headlight range control and instrument illumination regulator, Heated driver seat regulator, Heated front passenger seat regulator, Hazard warning lights button

- EX14 Headlight range control and instrument illumination regulator
- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- E102 Headlight range control regulator
- E229 Hazard warning lights button
- J694 Terminal 75x voltage supply relay
- J940 Terminal 15 relay
- T6ac 6-pin connector
- T6ad 6-pin connector
- T6al 6-pin connector
- T7lr 7-pin connector

249 Earth connection 2, in interior wiring harness

278 Earth connection 4, in interior wiring harness



Heated rear window button, Button for TCS and electronic stabilisation program, Parking aid button, Tyre Pressure Loss Indicator button, Start/Stop operation button

- E230 Heated rear window button
- E256 Button for TCS and electronic stabilisation program
- E266 Parking aid button
- E492 Tyre Pressure Loss Indicator button
- E693 Start/Stop operation button
- T6am 6-pin connector
- T6bc 6-pin connector
- T6c 6-pin connector
- T6s 6-pin connector
- T6ss 6-pin connector

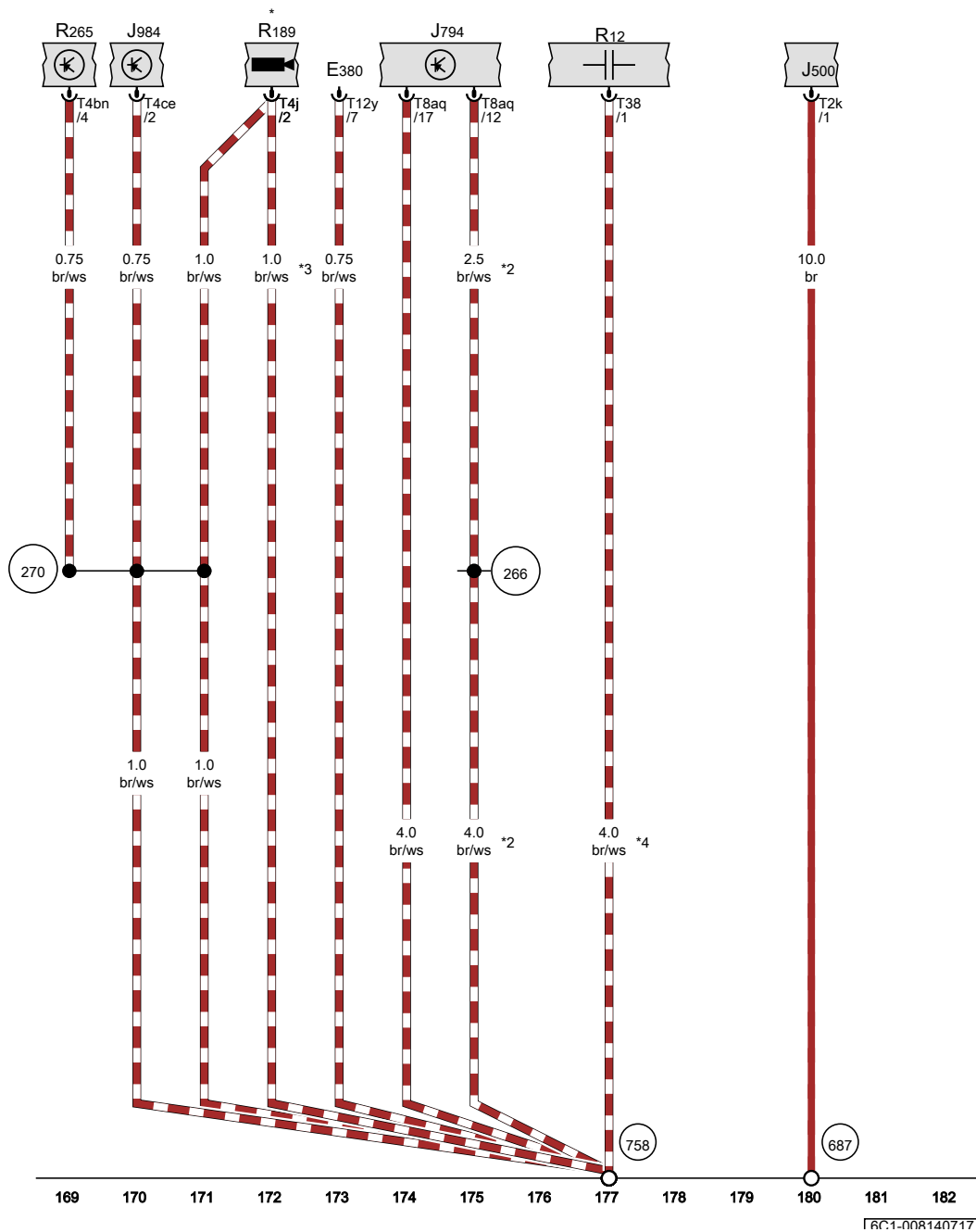
278 Earth connection 4, in interior wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
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155 156 157 158 159 160 161 162 163 164 165 166 167 168

[6C1-008130717]

Multimedia system operating unit, Power steering control unit, Control unit 1 for information electronics, Amplifier, Reversing camera

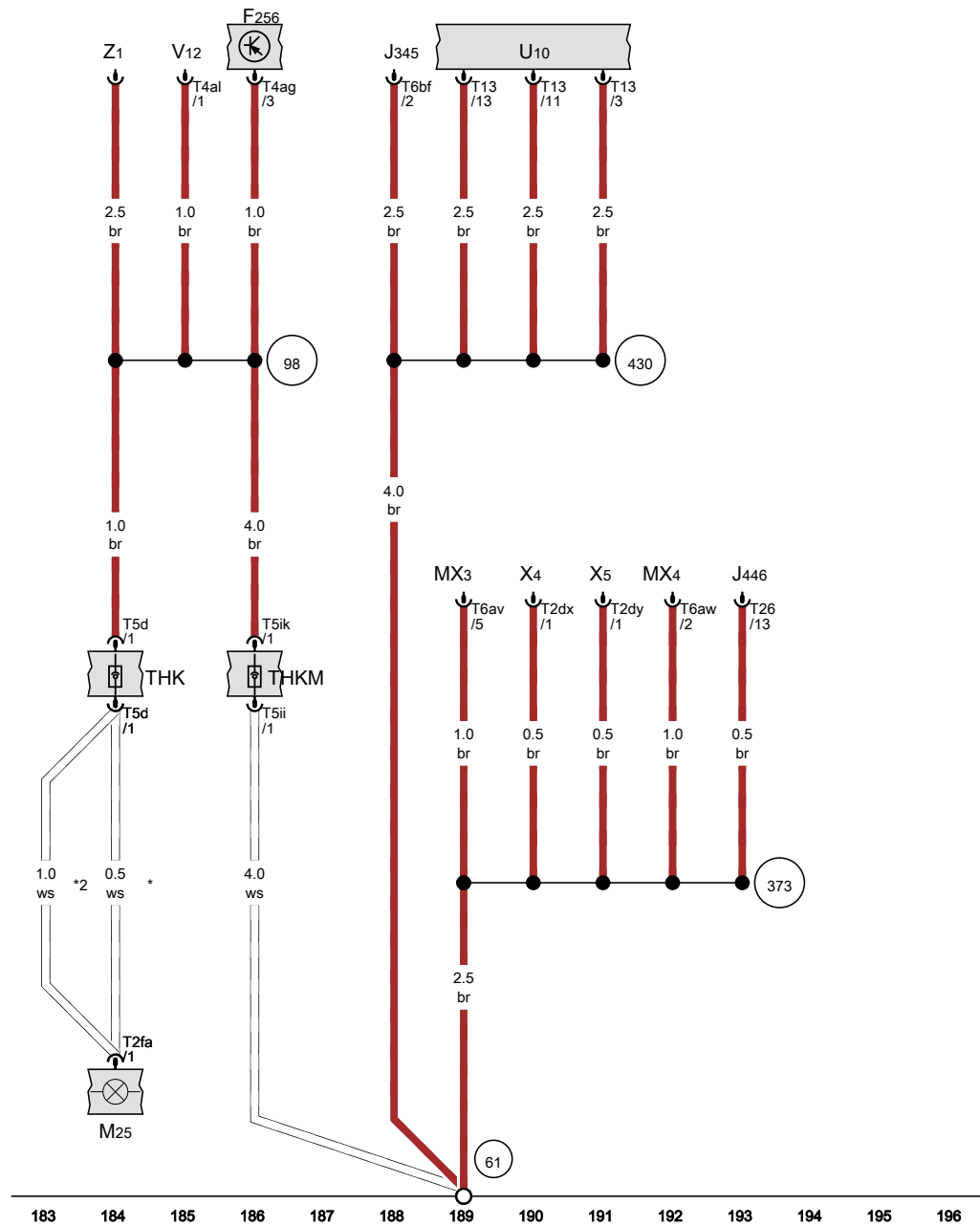


- E380 Multimedia system operating unit
- J500 Power steering control unit
- J794 Control unit 1 for information electronics
- J984 Two-way signal amplifier for mobile telephone/data services
- R12 Amplifier
- R189 Reversing camera
- R265 Storage compartment with interface for mobile telephone
- T2k 2-pin connector
- T4bn 4-pin connector, black
- T4ce 4-pin connector, black
- T4j 4-pin connector, black
- T8aq 8-pin connector, black
- T12y 12-pin connector
- T38 38-pin connector, black

- 266 Earth connection, in navigation wiring harness
- 270 Earth connection, in telephone wiring harness
- 687 Earth point 1, on centre tunnel
- 758 Earth point 3, on centre tunnel

- * Pre-wired component
- *2 For models with equipment for Japan
- *3 Up to November 2014
- *4 For models with sound system

Trailer detector control unit, Parking aid control unit, Left tail light, Right tail light, Trailer socket, Left number plate light, Right number plate light



- F256 Rear lid lock unit
- J345 Trailer detector control unit
- J446 Parking aid control unit
- MX3 Left tail light
- MX4 Right tail light
- M25 High-level brake light bulb
- T2dx 2-pin connector
- T2dy 2-pin connector
- T2fa 2-pin connector
- T4ag 4-pin connector, black
- T4al 4-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T5ii 5-pin connector
- T5ik 5-pin connector
- T6av 6-pin connector
- T6aw 6-pin connector
- T6bf 6-pin connector
- T13 13-pin connector
- T26 26-pin connector
- THK Coupling point for rear lid
- THKM Coupling point on rear lid, centre
- U10 Trailer socket
- V12 Rear window wiper motor
- X4 Left number plate light
- X5 Right number plate light
- Z1 Heated rear window
- 61 Earth point, left C-pillar
- 98 Earth connection, in rear lid wiring harness
- 373 Earth connection 8, in main wiring harness
- 430 Earth connection, in towing bracket wiring harness
- * Up to May 2017
- *2 From May 2017

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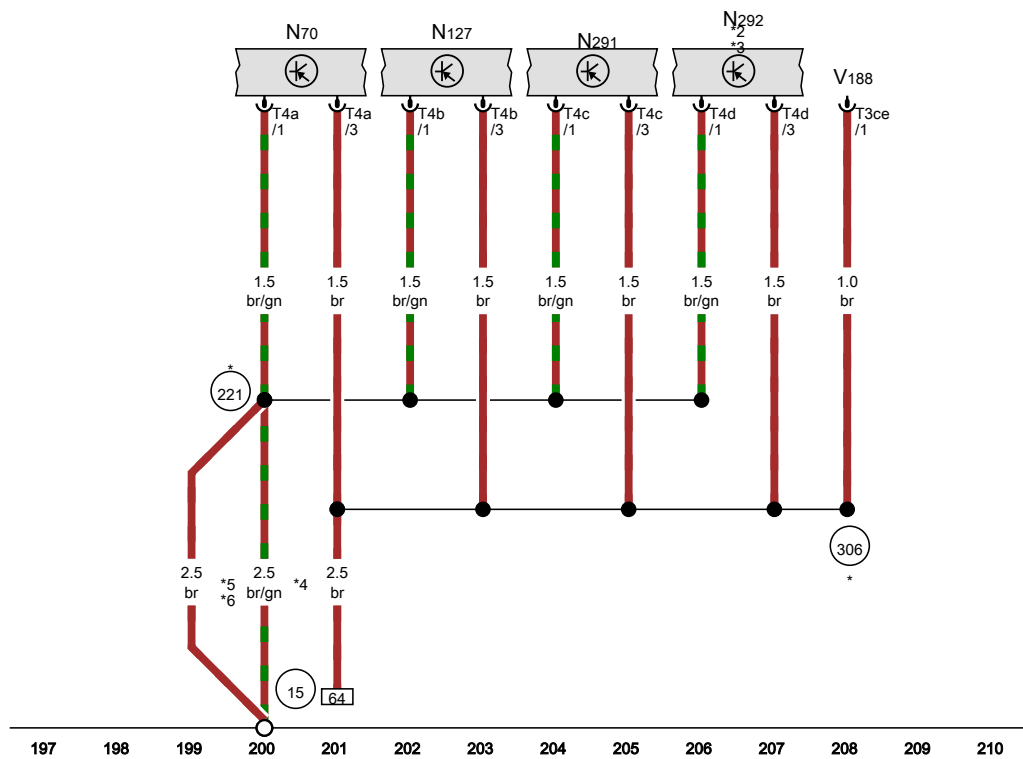
16C1-008150717

Ignition coil 1 with output stage, Ignition coil 2 with output stage

- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- T3ce 3-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector
- T4d 4-pin connector
- V188 Charge air cooling pump

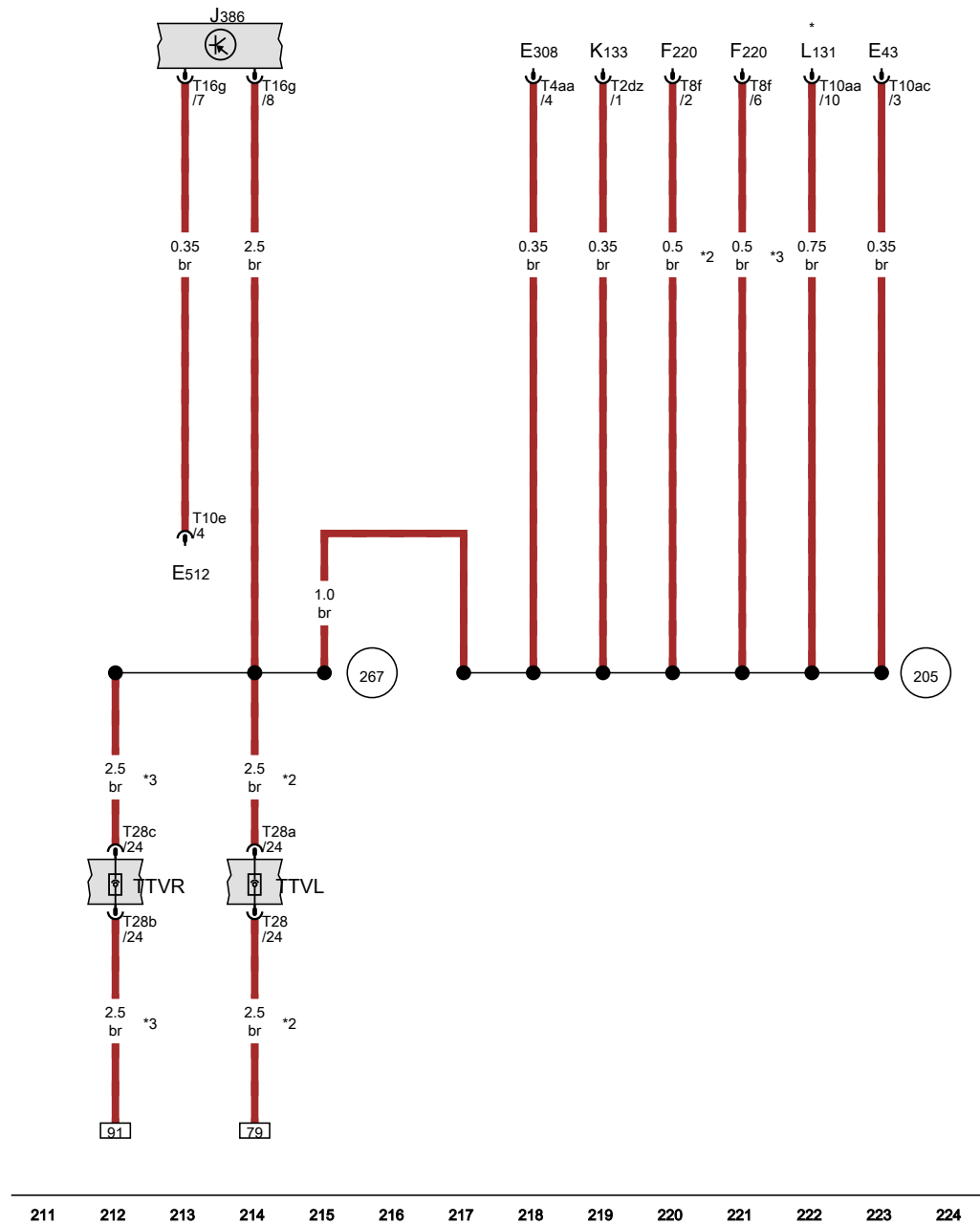
- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness

- * see applicable current flow diagram for engine
- *2 For models with 1.4l engine
- *3 For models with 1.2l engine
- *4 According to equipment
- *5 For models with 1.0l petrol engine
- *6 From May 2016



[6C:1-008160717]

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



ws = white
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- E43 Mirror adjustment switch
- E308 Driver side interior locking button for central locking system
- E512 Operating unit for window regulator in driver door
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L131 Driver side turn signal repeater bulb
- T2dz 2-pin connector
- T4aa 4-pin connector
- T8f 8-pin connector
- T10aa 10-pin connector
- T10ac 10-pin connector
- T10e 10-pin connector
- T16g 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door

205 Earth connection, in driver door wiring harness

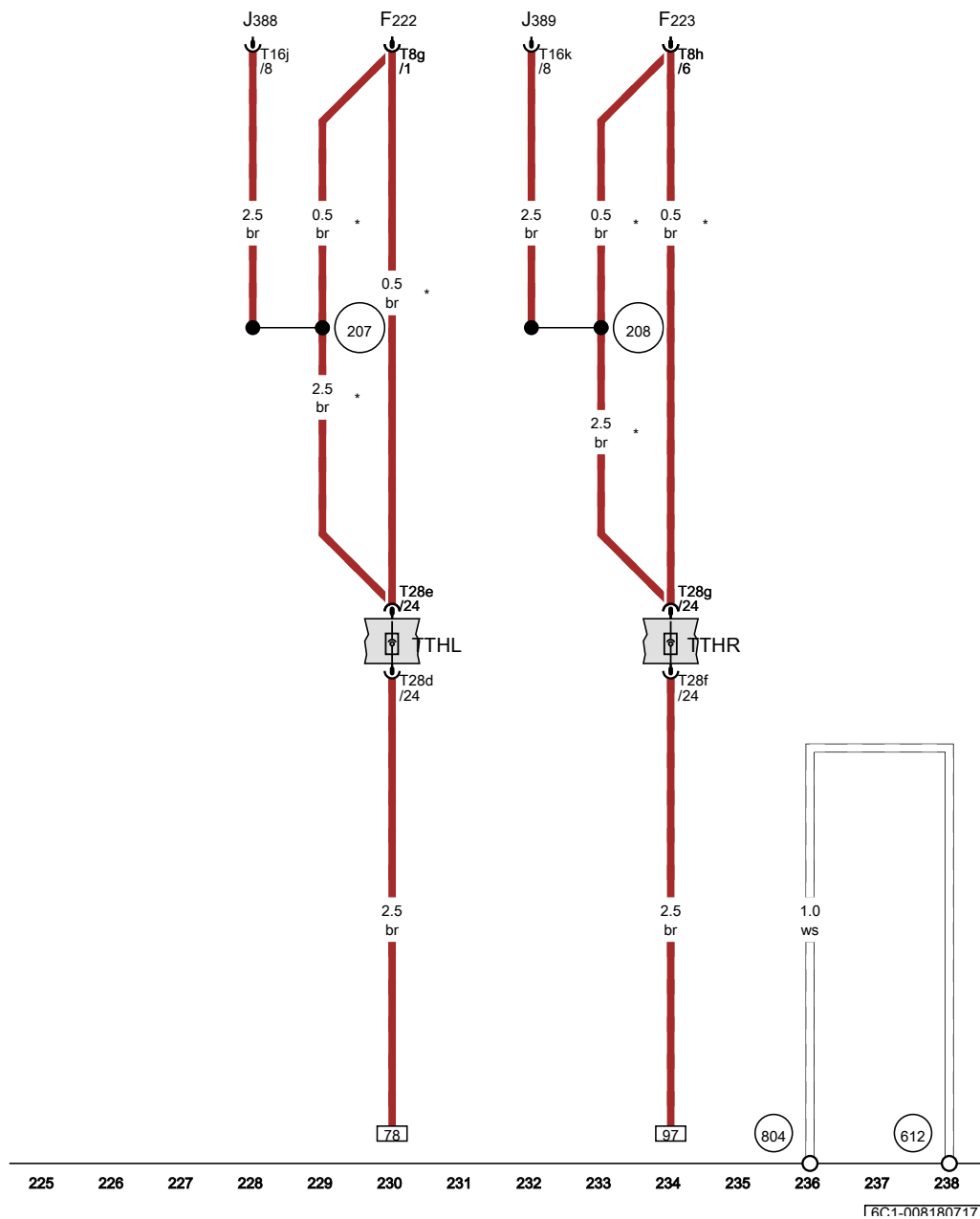
267 Earth connection 2, in drive side door wiring harness

- * Pre-wired component
- *2 For left-hand drive models
- *3 For right-hand drive models

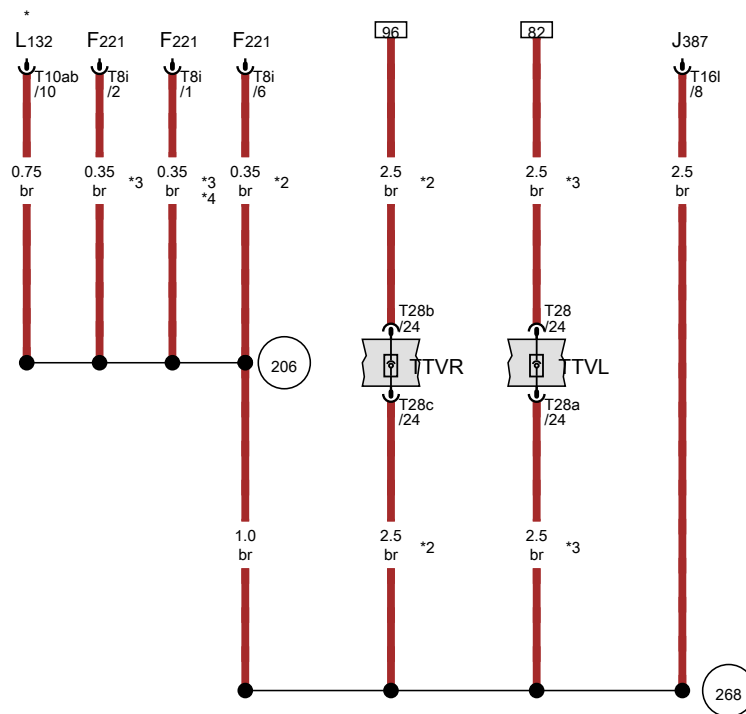
Rear left central locking lock unit, Rear right central locking lock unit

- F222 Rear left central locking lock unit
- F223 Rear right central locking lock unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- T8g 8-pin connector
- T8h 8-pin connector
- T16j 16-pin connector
- T16k 16-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door

- 207 Earth connection, in rear left door wiring harness
- 208 Earth connection, in rear right door wiring harness
- 612 Earth point, centre on rear lid
- 804 Earth point 2, on left C-pillar
- * For models with rear electric window regulators



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- gr = grey
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Front passenger side central locking lock unit, Front passenger door control unit

- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8i 8-pin connector
- T10ab 10-pin connector
- T16l 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door

- 206 Earth connection, in front passenger door wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- * Pre-wired component
- *2 For left-hand drive models
- *3 For right-hand drive models
- *4 For models with remote control

ws = white
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 gr = grey
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 or = orange
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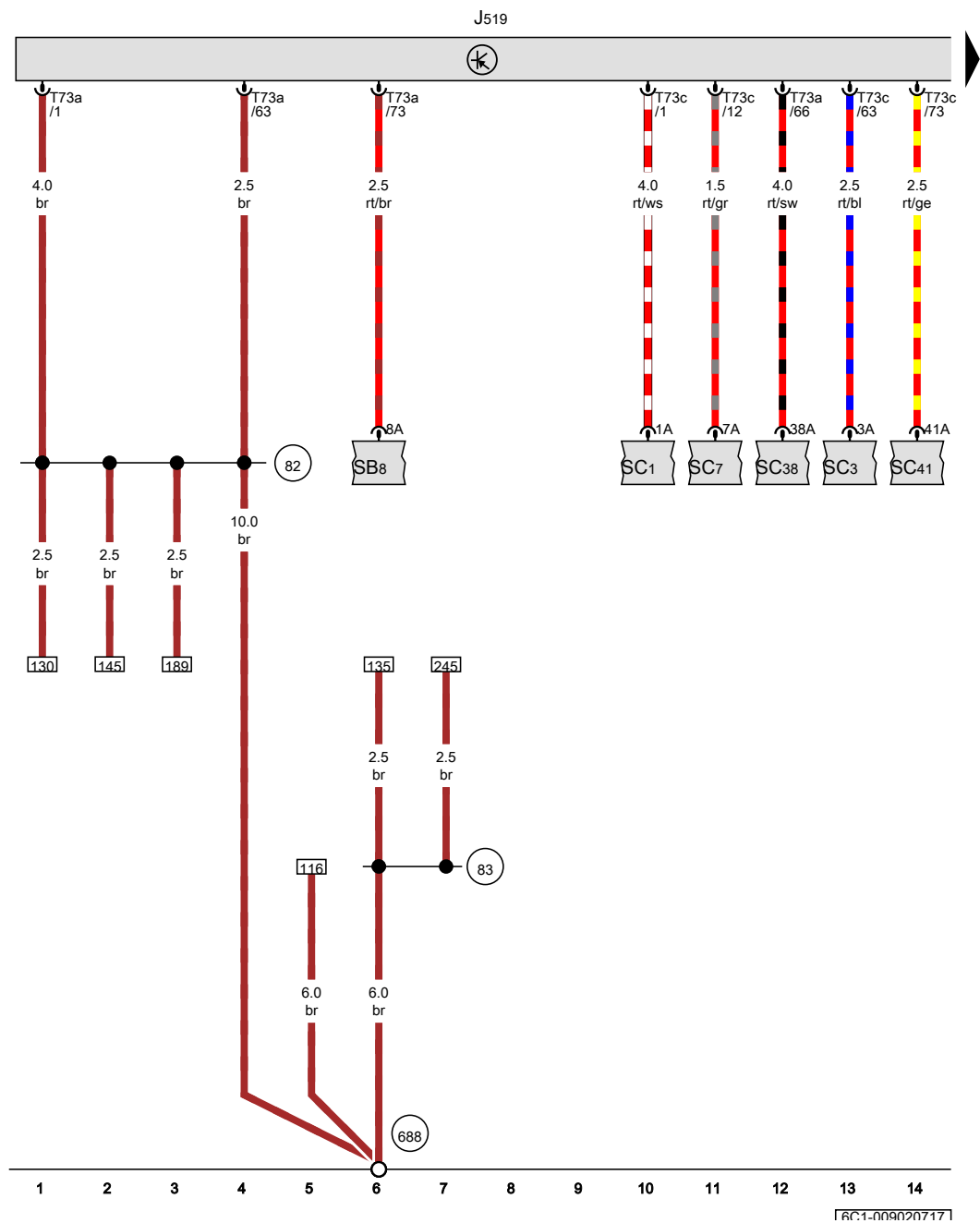
Basic equipment , (L0L)

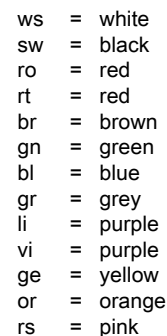
From January 2014

Onboard supply control unit

- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB8 Fuse 8 on fuse holder B
- SC38 Fuse 38 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector

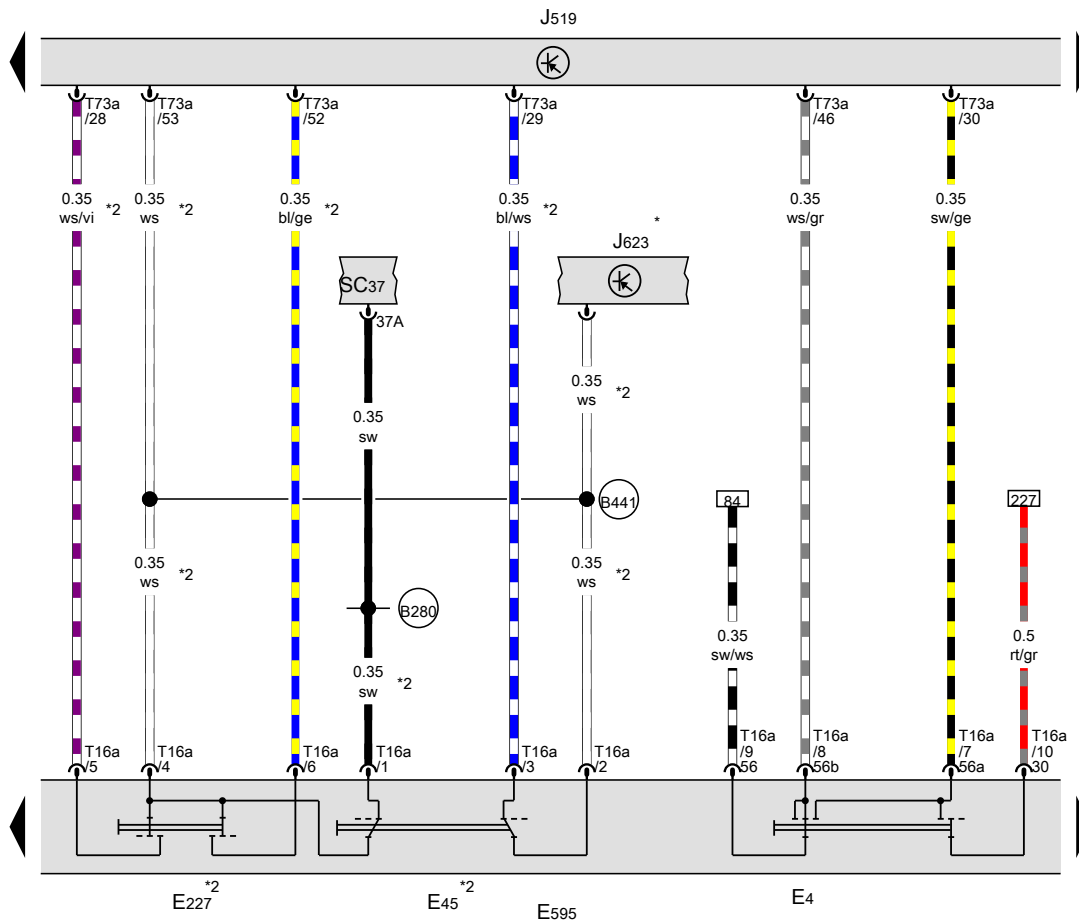
- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 688 Earth point 2, on centre tunnel





D	Ignition/starter switch
E313	Selector lever
E595	Steering column combination switch
J519	Onboard supply control unit
J623	Engine/motor control unit
J940	Terminal 15 relay
N376	Ignition key withdrawal lock solenoid
SC13	Fuse 13 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC54	Fuse 54 on fuse holder C
T2w	2-pin connector, black
T7lr	7-pin connector, black
T10m	10-pin connector
T73a	73-pin connector
T73c	73-pin connector
B151	Positive connection 3 (30a), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B469	Connection 5, in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
*	see applicable current flow diagram for engine
*2	For models with dual clutch gearbox

Headlight dipper and flasher switch, Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Onboard supply control unit

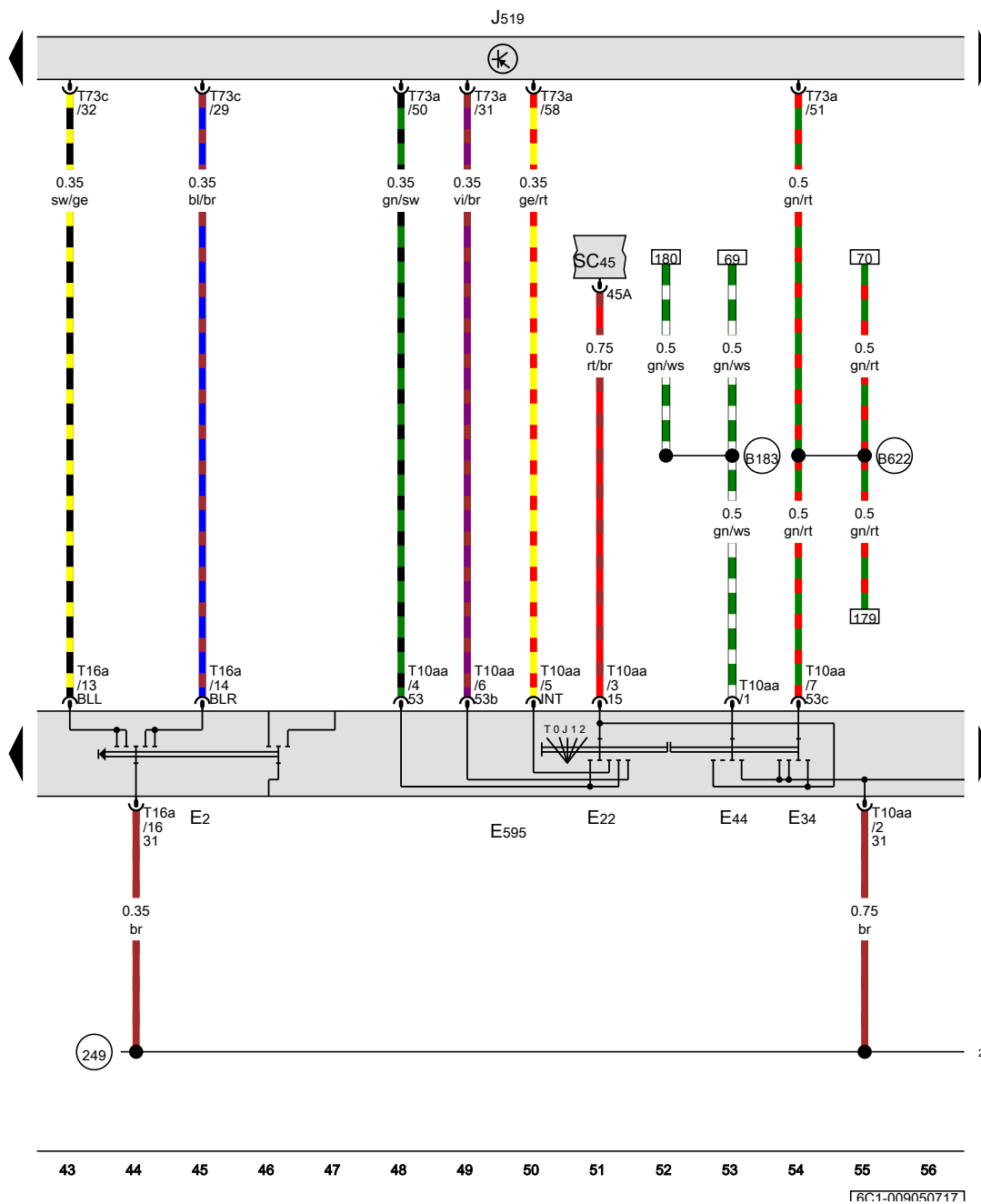


- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SC37 Fuse 37 on fuse holder C
- T16a 16-pin connector, black
- T73a 73-pin connector
- B280 Positive connection 4 (15a) in main wiring harness
- B441 Connection (CCS), in main wiring harness
- * see applicable current flow diagram for engine
- *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

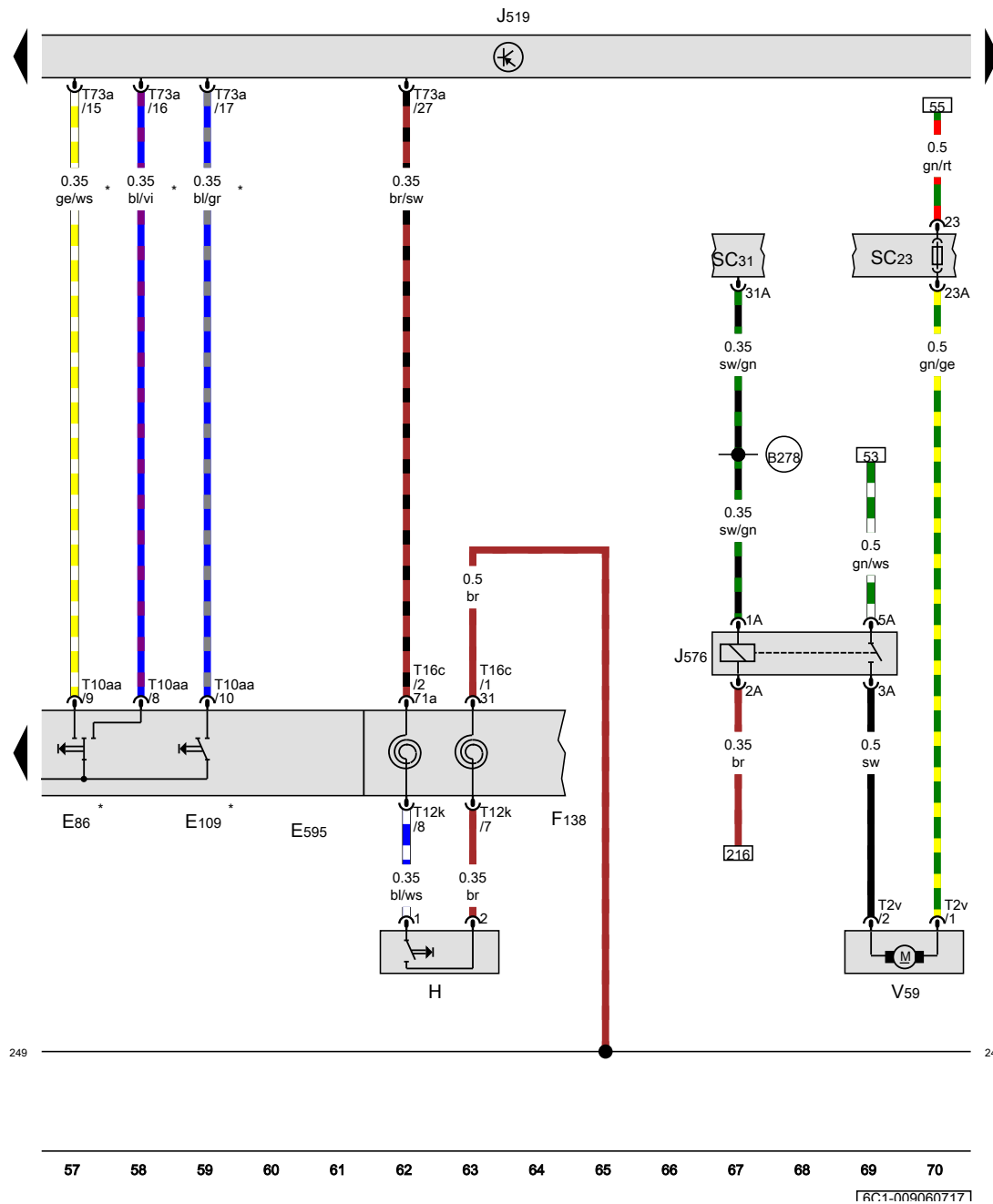
29 30 31 32 33 34 35 36 37 38 39 40 41 42

[AC:1-009040717]



Intermittent wiper switch, Rear wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Onboard supply control unit

- E2 Turn signal switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC45 Fuse 45 on fuse holder C
- T10aa 10-pin connector, black
- T16a 16-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector
- 249 Earth connection 2, in interior wiring harness
- B183 Connection 1 (washer pump), in interior wiring harness
- B622 Connection (windscreen wiper), in main wiring harness



Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch, Horn plate, Onboard supply control unit, Washer pump relay, Windscreen and rear window washer pump

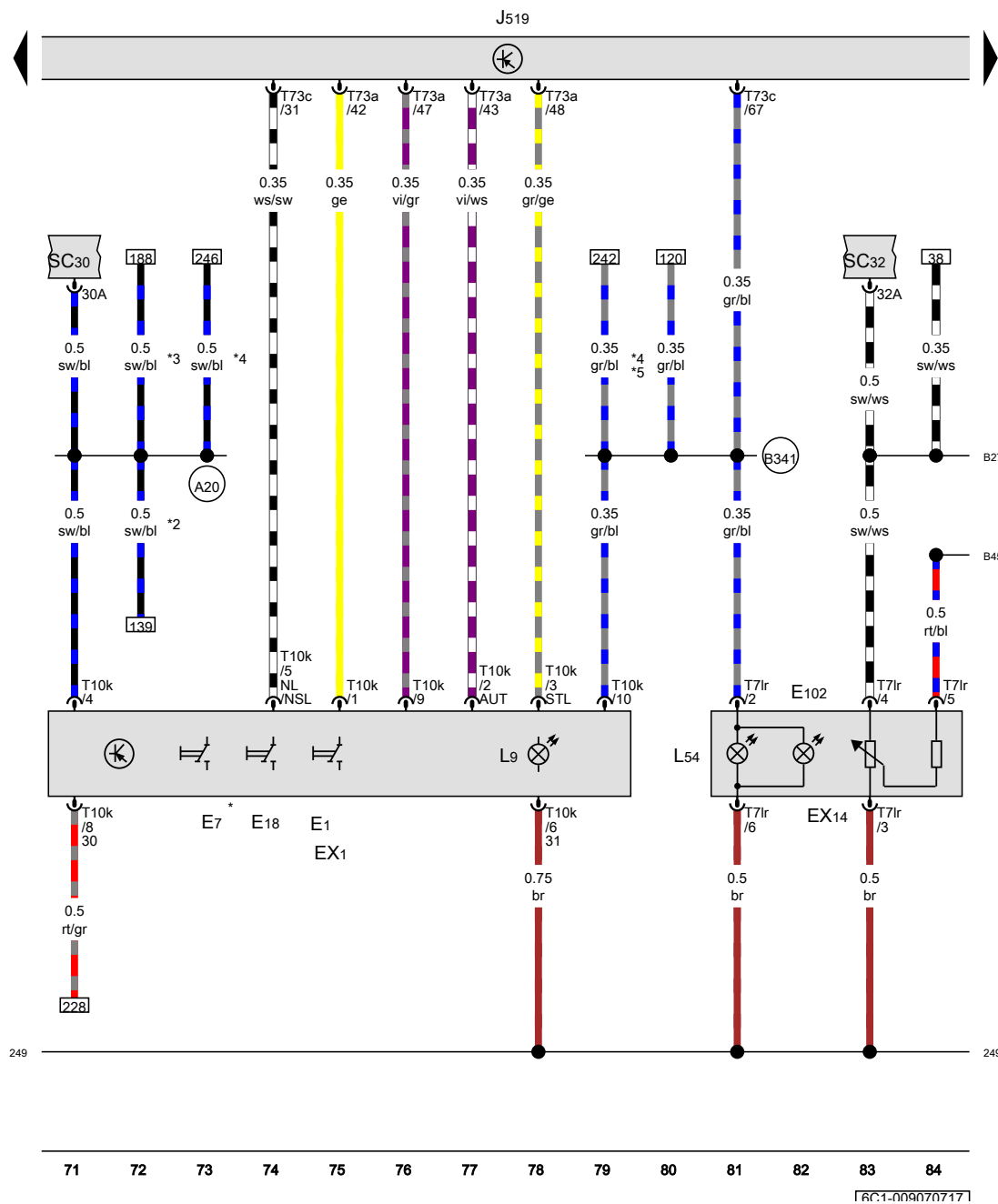
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J519 Onboard supply control unit
- J576 Washer pump relay
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2v 2-pin connector, black
- T10aa 10-pin connector, black
- T12k 12-pin connector, yellow
- T16c 16-pin connector
- T73a 73-pin connector
- V59 Windscreen and rear window washer pump

249 Earth connection 2, in interior wiring harness

B278 Positive connection 2 (15a) in main wiring harness

* For models with multifunction display

ws = white
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, Fog light switch, Headlight range control and instrument illumination regulator, Rear fog light switch, Onboard supply control unit, Headlight range control regulator illumination bulb

- E1 Light switch
- EX1 Rotary light switch
- E7 Fog light switch
- EX14 Headlight range control and instrument illumination regulator
- E18 Rear fog light switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- L54 Headlight range control regulator illumination bulb
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T7lr 7-pin connector, black
- T10k 10-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

249 Earth connection 2, in interior wiring harness

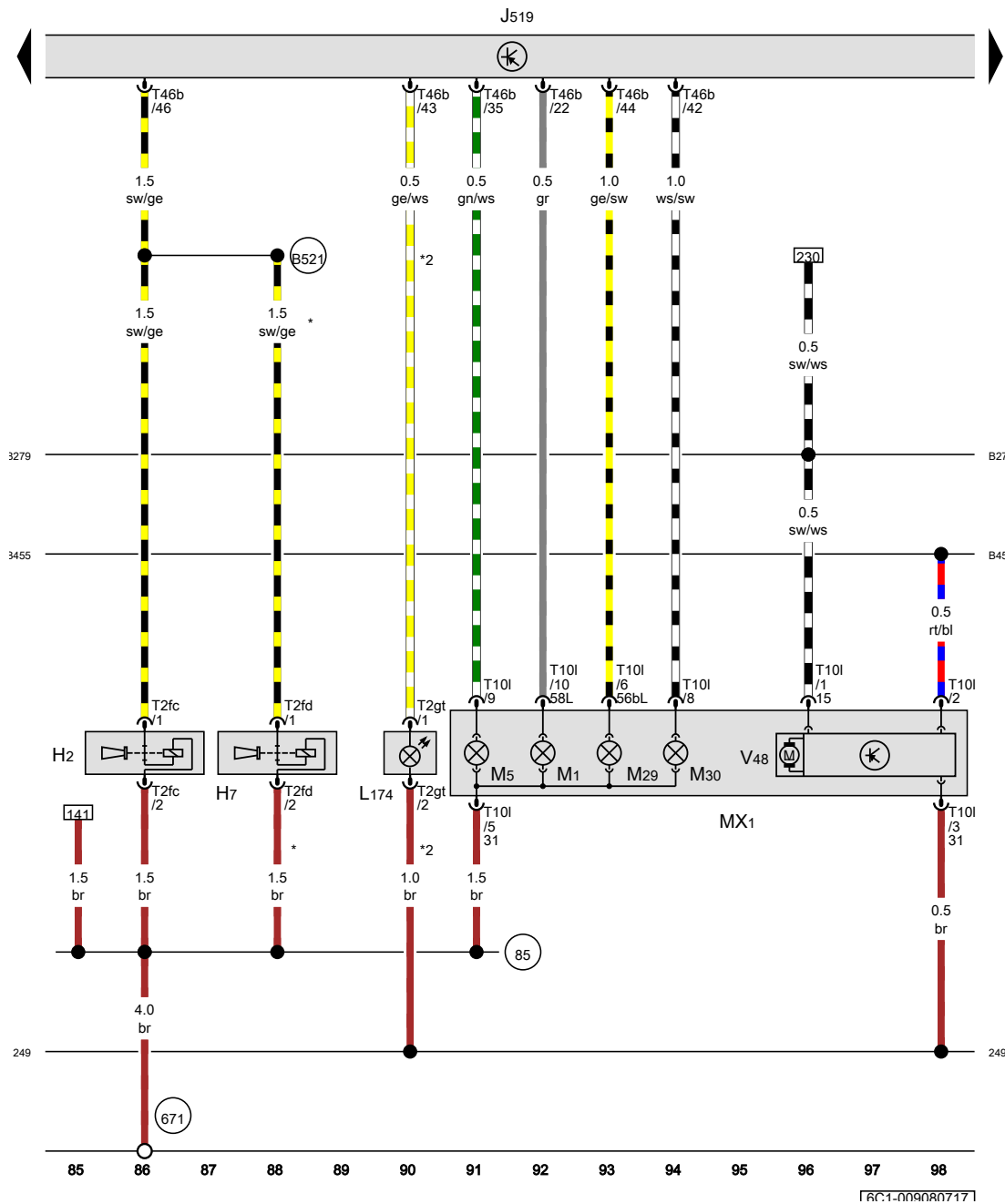
A20 Positive connection (15a), in dash panel wiring harness

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

B341 Connection 2 (58d), in main wiring harness

B455 Connection (HRC), in main wiring harness

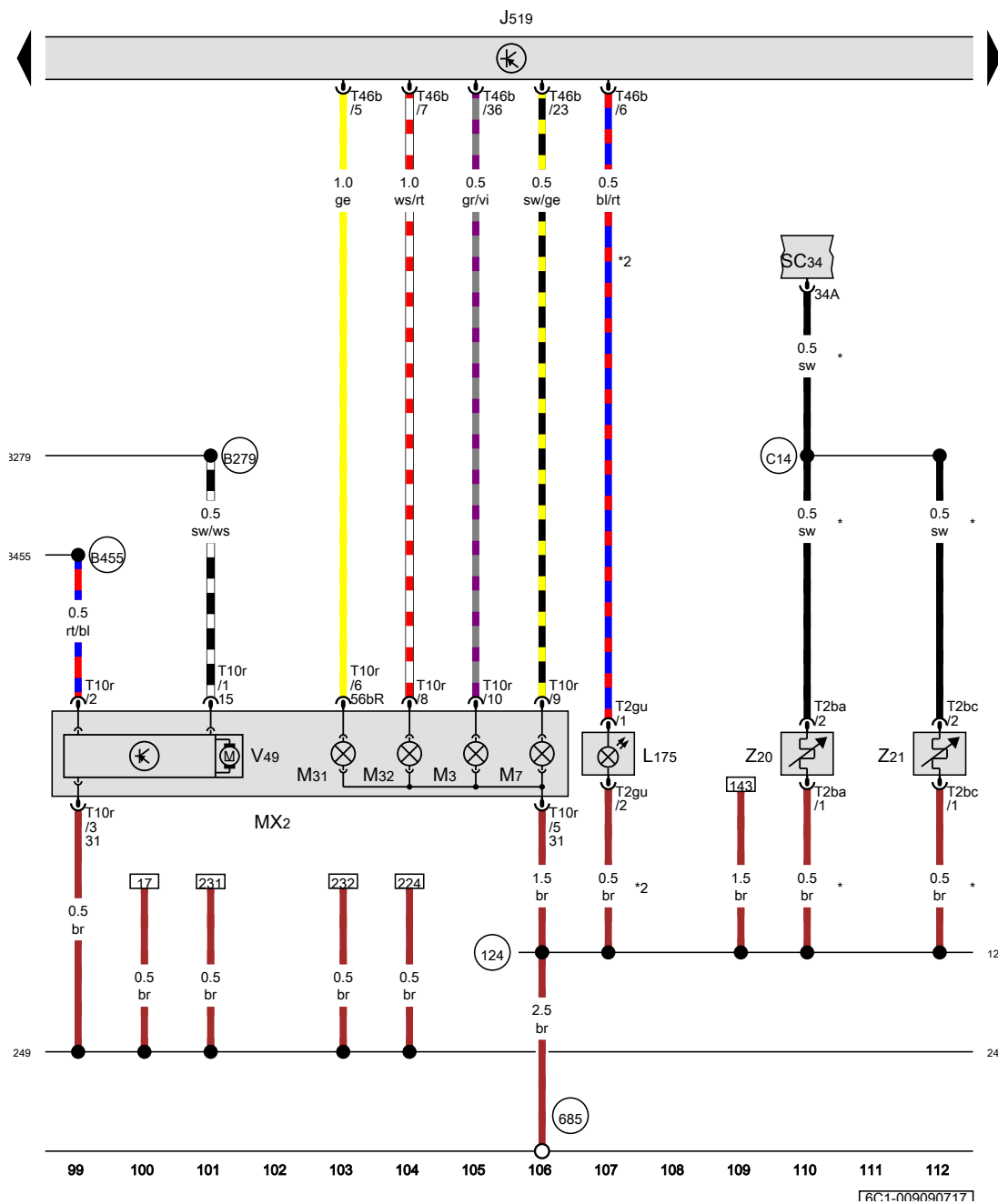
- * For models with fog lights
- *2 Not for models with dual clutch gearbox
- *3 For models with automatic anti-dazzle interior mirror
- *4 For models with 1.0l petrol engine
- *5 For models with 1.6l engine



Treble horn, Bass horn, Onboard supply control unit, Left daytime running light bulb, Front left headlight, Left headlight range control motor

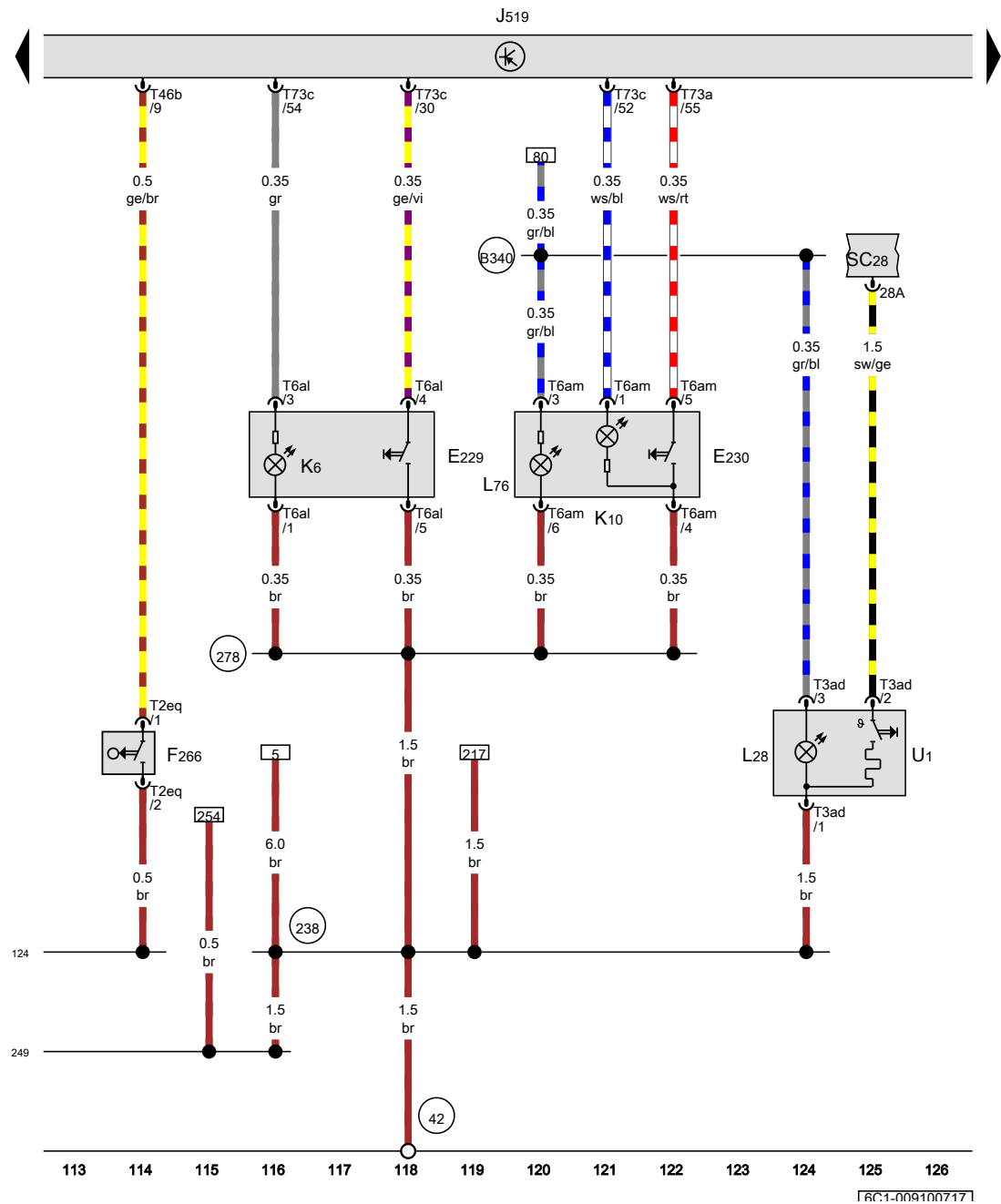
- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2fc 2-pin connector
- T2fd 2-pin connector
- T2gt 2-pin connector
- T10I 10-pin connector
- T46b 46-pin connector
- V48 Left headlight range control motor

- 85 Earth connection 1, in engine compartment wiring harness
- 249 Earth connection 2, in interior wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B279 Positive connection 3 (15a) in main wiring harness
- B455 Connection (HRC), in main wiring harness
- B521 Connection (dual tone horn), in main wiring harness
- * For models with dual tone horn
- *2 For models with daytime running lights



Onboard supply control unit, Right daytime running light bulb, Front right headlight, Right headlight range control motor, Left washer jet heater element, Right washer jet heater element

- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC34 Fuse 34 on fuse holder C
- T2ba 2-pin connector
- T2bc 2-pin connector
- T2gu 2-pin connector
- T10r 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 124 Earth connection, in right side engine compartment wiring harness
- 249 Earth connection 2, in interior wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B279 Positive connection 3 (15a) in main wiring harness
- B455 Connection (HRC), in main wiring harness
- C14 Positive connection (15), in heated washer jet wiring harness
- * For models with heated washer jets
- *2 For models with daytime running lights

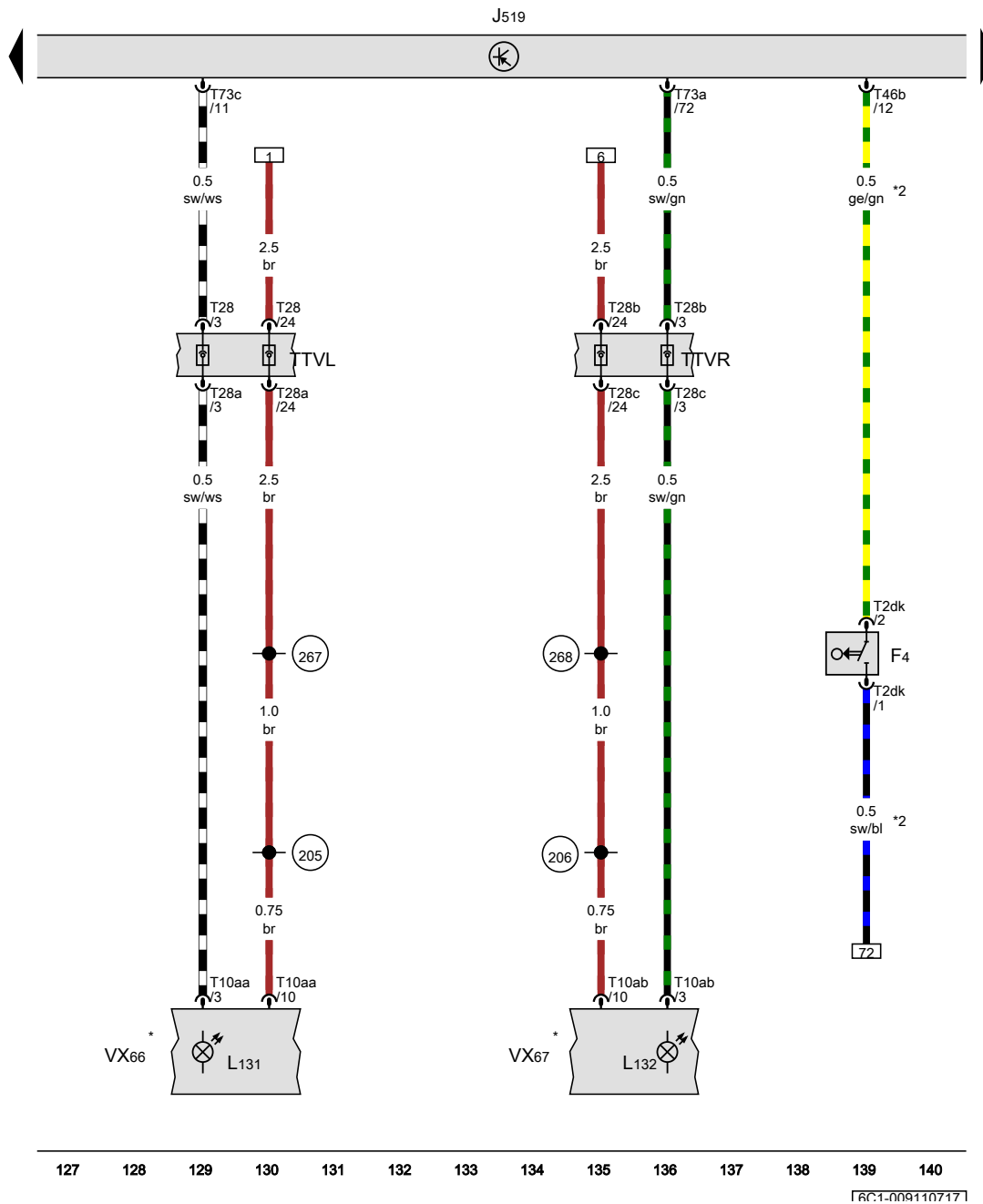


Hazard warning lights button, Heated rear window button,
Bonnet contact switch, Onboard supply control unit,
Cigarette lighter illumination bulb, Cigarette lighter

E229	Hazard warning lights button
E230	Heated rear window button
F266	Bonnet contact switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K10	Heated rear window warning lamp
L28	Cigarette lighter illumination bulb
L76	Button illumination bulb
SC28	Fuse 28 on fuse holder C
T2eq	2-pin connector
T3ad	3-pin connector
T6al	6-pin connector, blue
T6am	6-pin connector, brown
T46b	46-pin connector
T73a	73-pin connector
T73c	73-pin connector
U1	Cigarette lighter

- 42 Earth point, next to steering column
- 124 Earth connection, in right side engine compartment wiring harness
- 238 Earth connection 1, in interior wiring harness
- 249 Earth connection 2, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- B340 Connection 1 (58d), in main wiring harness

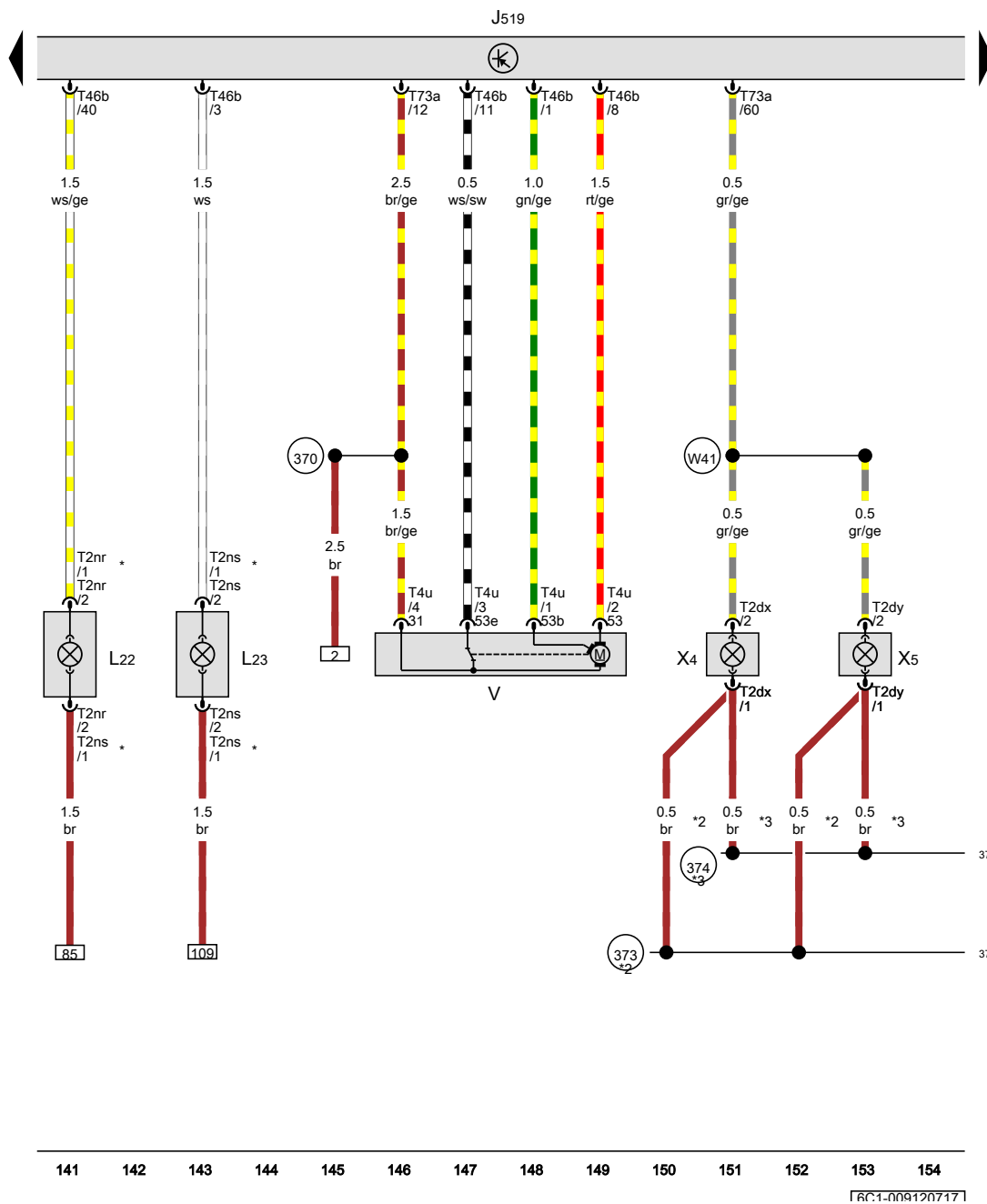
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Reversing light switch, Onboard supply control unit, Left exterior mirror, Right exterior mirror

- F4 Reversing light switch
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2dk 2-pin connector, black
- T10aa 10-pin connector
- T10ab 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- VX66 Left exterior mirror
- VX67 Right exterior mirror

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- * Pre-wired component
- *2 Not for models with dual clutch gearbox

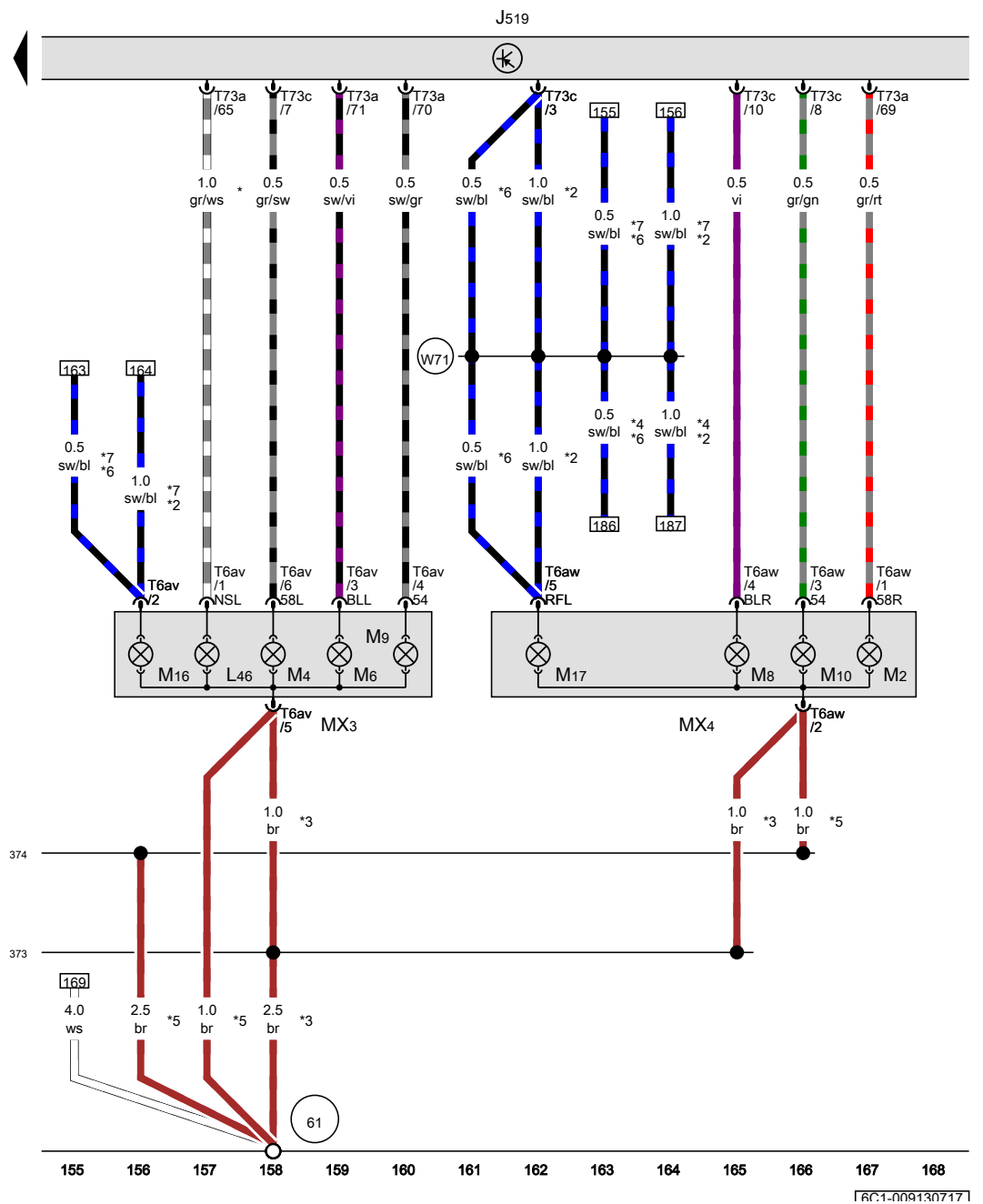


Onboard supply control unit, Left fog light bulb, Right fog light bulb, Windscreen wiper motor, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- T2dx 2-pin connector, black
- T2dy 2-pin connector, black
- T2nr 2-pin connector
- T2ns 2-pin connector
- T4u 4-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- V Windscreen wiper motor
- X4 Left number plate light
- X5 Right number plate light

- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- W41 Positive connection (58), in number plate lights wiring harness
- * According to equipment
- *2 For models with battery in engine compartment
- *3 For models with battery in luggage compartment

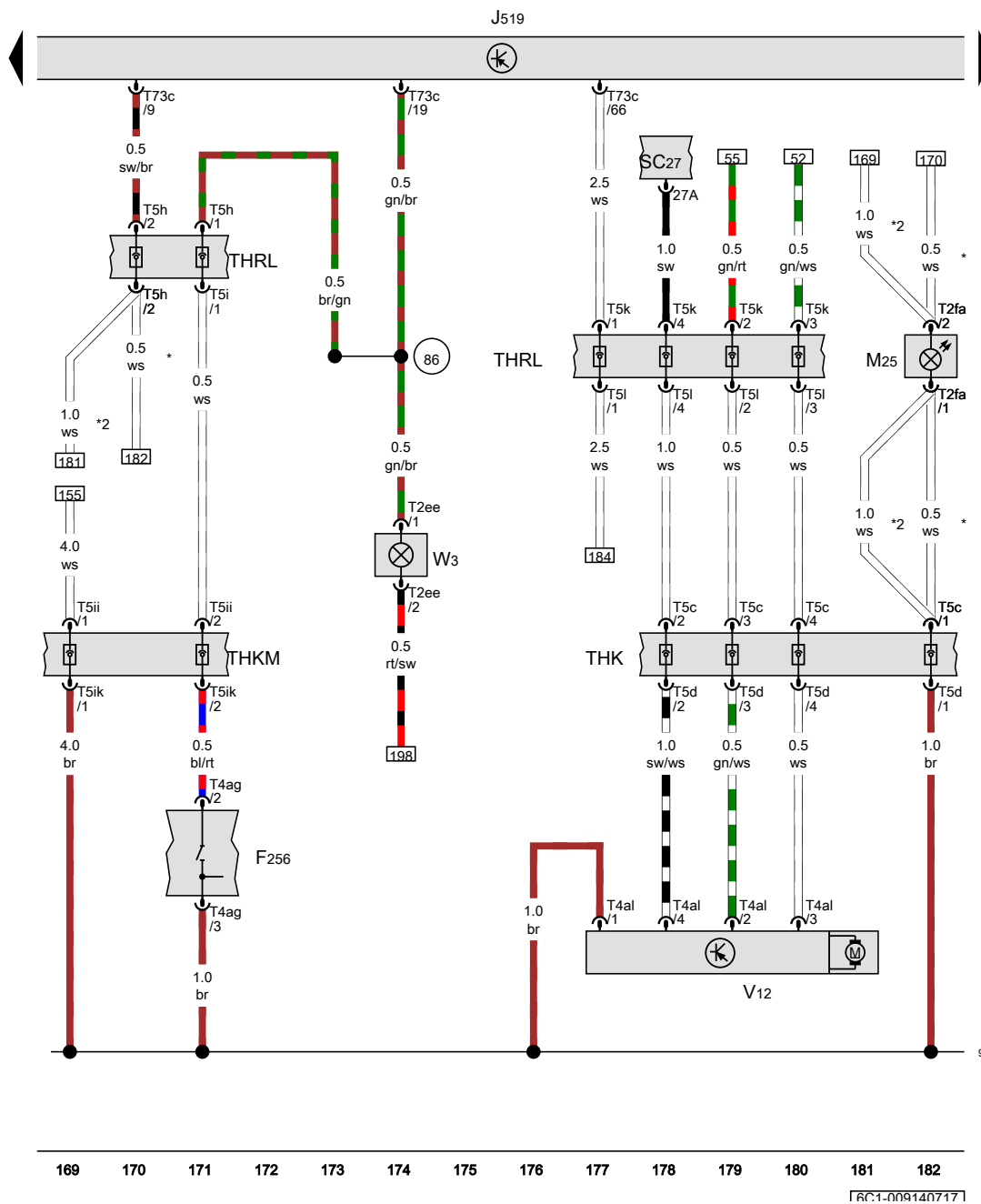
Onboard supply control unit, Left tail light, Right tail light



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- M2 Right tail light bulb
- MX3 Left tail light
- MX4 Right tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T6av 6-pin connector, black
- T6aw 6-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

- 61 Earth point, left C-pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- W71 Connection (reversing light), in rear wiring harness
- * For models with rear fog light
- *2 Up to May 2016
- *3 For models with battery in engine compartment
- *4 For models with automatic anti-dazzle interior mirror
- *5 For models with battery in luggage compartment
- *6 From May 2016
- *7 For models with no rear fog 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



Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Luggage compartment light

- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC27 Fuse 27 on fuse holder C
- T2ee 2-pin connector
- T2fa 2-pin connector
- T4ag 4-pin connector, black
- T4al 4-pin connector
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T5h 5-pin connector, black
- T5i 5-pin connector, black
- T5ii 5-pin connector, brown
- T5ik 5-pin connector, brown
- T5k 5-pin connector, brown
- T5l 5-pin connector, brown
- T73c 73-pin connector
- THK Coupling point for rear lid
- THKM Coupling point on rear lid, centre
- THRL Coupling point in luggage compartment, left
- V12 Rear window wiper motor
- W3 Luggage compartment light

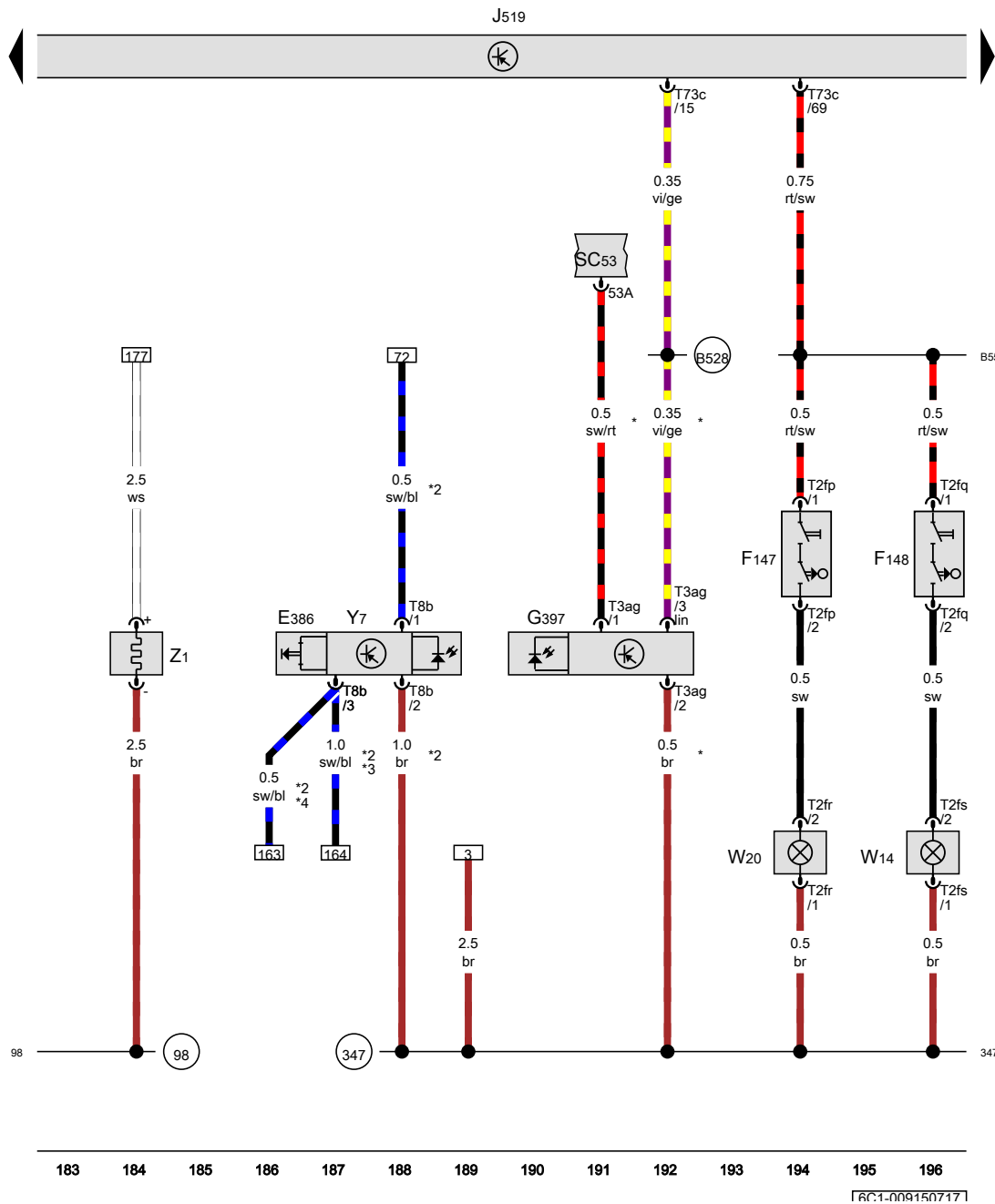
86 Earth connection 1, in rear wiring harness

98 Earth connection, in rear lid wiring harness

* Up to May 2017

*2 From May 2017

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 sw = black
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Anti-dazzle interior mirror button, Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Rain and light sensor, Onboard supply control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- G397 Rain and light sensor
- J519 Onboard supply control unit
- SC53 Fuse 53 on fuse holder C
- T2fp 2-pin connector
- T2fq 2-pin connector
- T2fr 2-pin connector
- T2fs 2-pin connector
- T3ag 3-pin connector
- T8b 8-pin connector, black
- T73c 73-pin connector
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- Y7 Automatic anti-dazzle interior mirror
- Z1 Heated rear window

98 Earth connection, in rear lid wiring harness

347 Earth connection, in roof wiring harness

B528 Connection 1 (LIN bus) in main wiring harness

B559 Positive connection 1 (30g), in main wiring harness

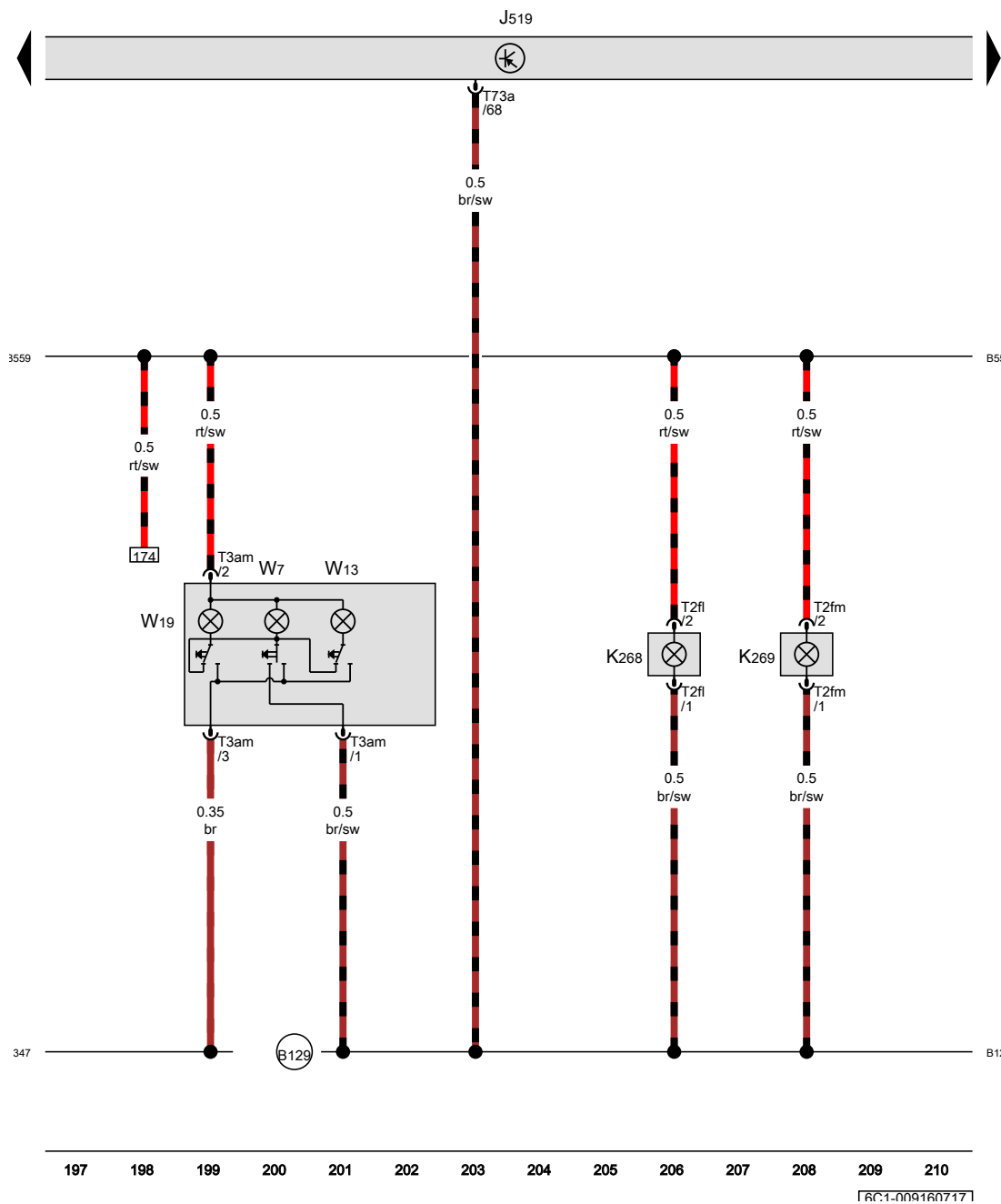
* For models with rain and light sensor

*2 For models with automatic anti-dazzle interior mirror

*3 Up to May 2016

*4 From May 2016

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



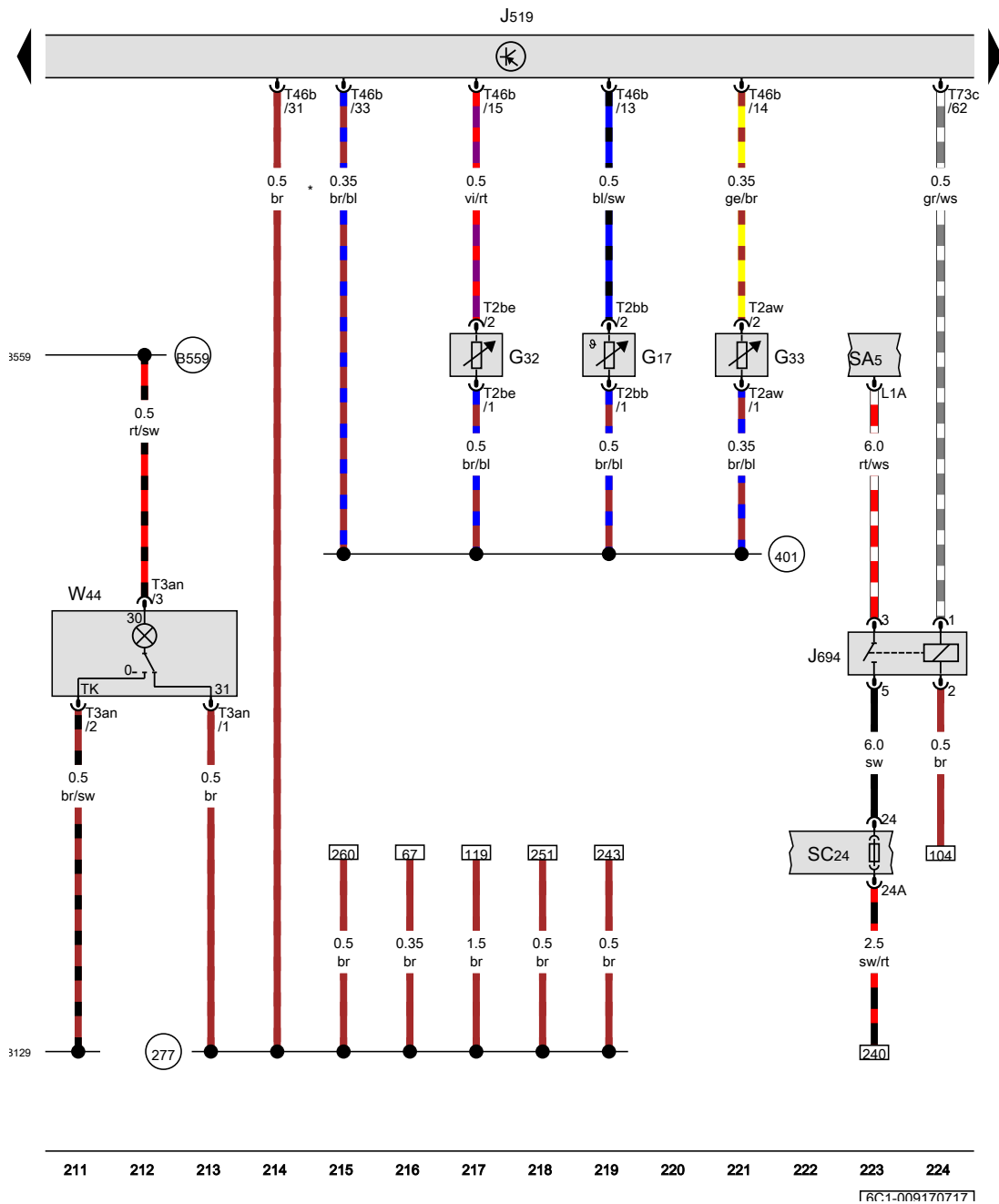
Onboard supply control unit, Front left footwell light, Front right footwell light, Front passenger reading light

- J519 Onboard supply control unit
- K268 Front left footwell light
- K269 Front right footwell light
- T2fl 2-pin connector
- T2fm 2-pin connector
- T3am 3-pin connector
- T73a 73-pin connector
- W7 Centre interior light
- W13 Front passenger reading light
- W19 Driver side reading light

347 Earth connection, in roof wiring harness

B129 Connection (interior light, 31I), in interior wiring harness

B559 Positive connection 1 (30g), in main wiring harness



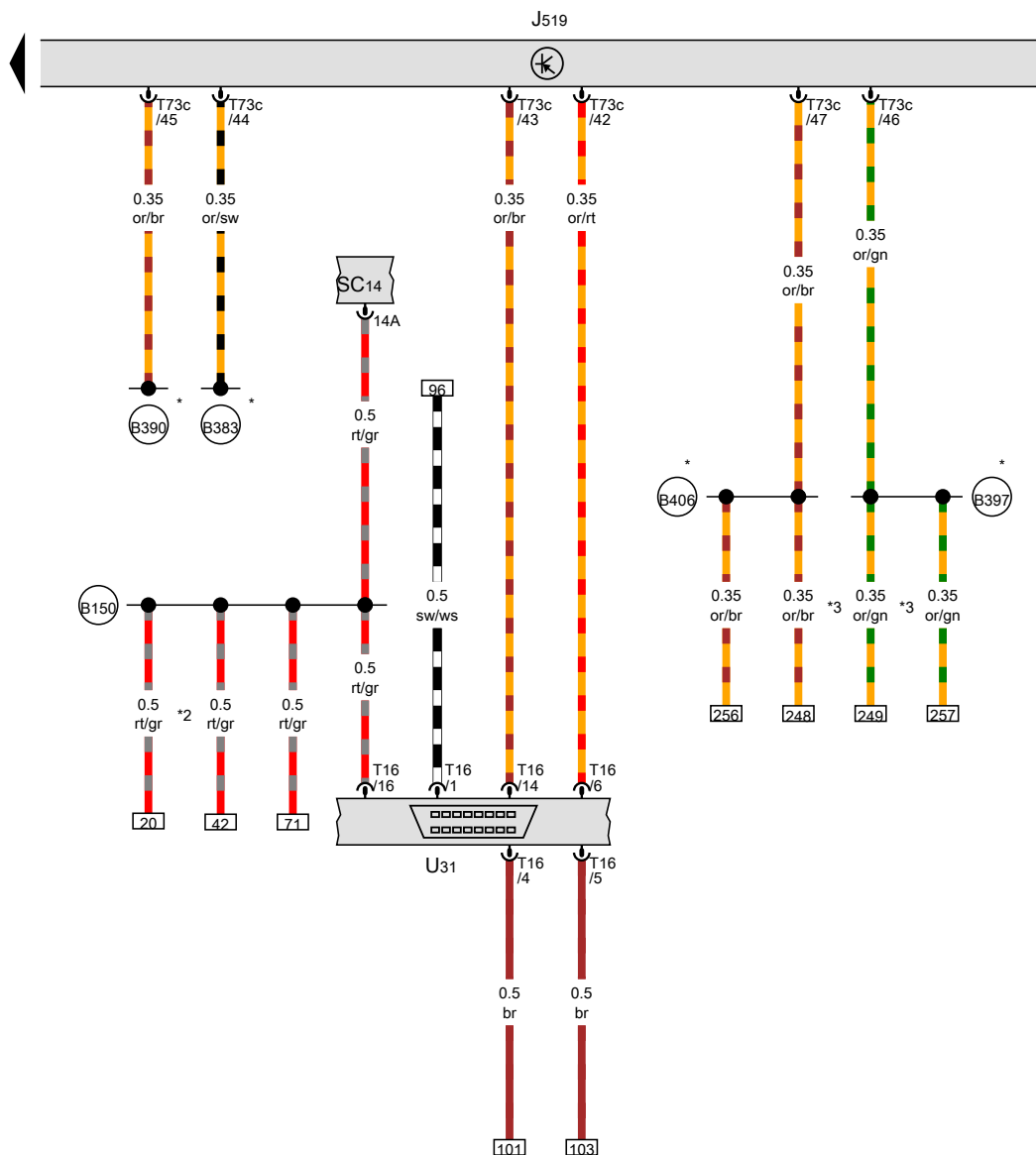
Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit, Terminal 75x voltage supply relay, Rear centre reading light

- G17 Ambient temperature sensor
- G32 Coolant shortage indicator sender
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- J694 Terminal 75x voltage supply relay
- SA5 Fuse 5 on fuse holder A
- SC24 Fuse 24 on fuse holder C
- T2aw 2-pin connector
- T2bb 2-pin connector, black
- T2be 2-pin connector, black
- T3an 3-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- W44 Rear centre reading light

- 277 Earth connection 3, in interior wiring harness
- 401 Earth connection (sender earth), in interior wiring harness
- B129 Connection (interior light, 31I), in interior wiring harness
- B559 Positive connection 1 (30g), in main wiring harness

* For models with no start/stop system

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



Onboard supply control unit, Diagnostic connection

J519 Onboard supply control unit

SC14 Fuse 14 on fuse holder C

T16 16-pin connector

T73c 73-pin connector

U31 Diagnostic connection

B150 Positive connection 2 (30a), in interior wiring harness

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

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

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

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

* see applicable current flow diagram for data bus network

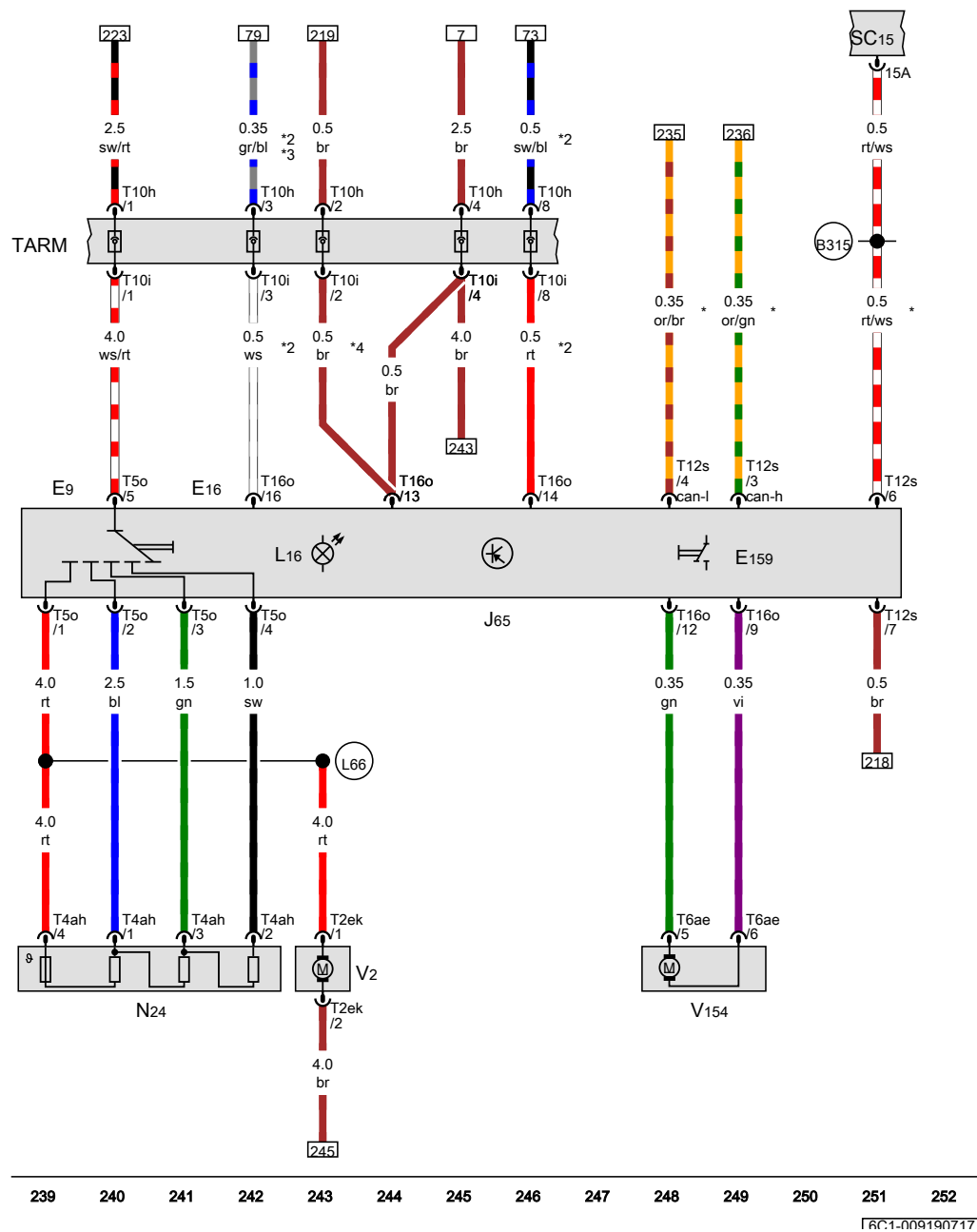
*2 For models with dual clutch gearbox

*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

225 226 227 228 229 230 231 232 233 234 235 236 237 238

[AC:1-009180717]



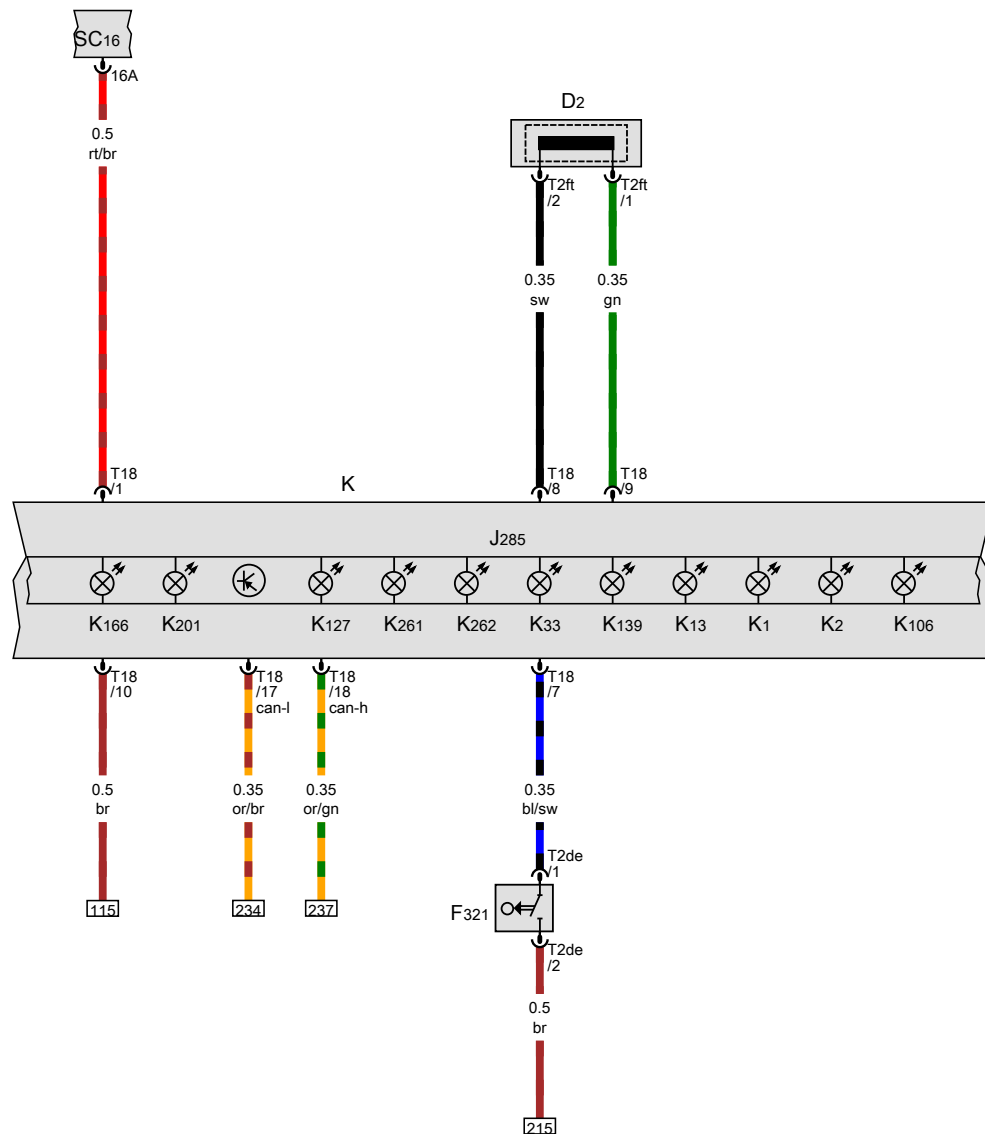
Heater/heat output switch, Heater control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower, Fresh air and air recirculation flap control motor

- E9 Fresh air blower switch
- E16 Heater/heat output switch
- E159 Fresh air and air recirculation flap switch
- J65 Heater control unit
- L16 Fresh air regulator illumination bulb
- N24 Fresh air blower series resistor with overheating fuse
- SC15 Fuse 15 on fuse holder C
- T2ek 2-pin connector
- T4ah 4-pin connector
- T5o 5-pin connector
- T6ae 6-pin connector
- T10h 10-pin connector, black
- T10i 10-pin connector, black
- T12s 12-pin connector
- T16o 16-pin connector, black
- TARM Coupling point on right A-pillar, middle
- V2 Fresh air blower
- V154 Fresh air and air recirculation flap control motor
- B315 Positive connection 1 (30a) in main wiring harness
- L66 Connection, in heater blower wiring harness
- * According to equipment
- *2 For models with 1.0l petrol engine
- *3 For models with 1.6l engine
- *4 gradual introduction

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Immobiliser reader coil, Parking brake contact switch, Control unit in dash panel insert, Dash panel insert

- D2 Immobiliser reader coil
- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- K33 Brake fluid level warning lamp
- K106 Washer fluid low warning lamp
- K127 Rear lid open warning lamp
- K139 Handbrake warning lamp
- K166 Door open warning lamp
- K201 Fuel tank flap lock warning lamp
- K261 Warning lamp for left turn signal
- K262 Warning lamp for right turn signal
- SC16 Fuse 16 on fuse holder C
- T2de 2-pin connector
- T2ft 2-pin connector
- T18 18-pin connector

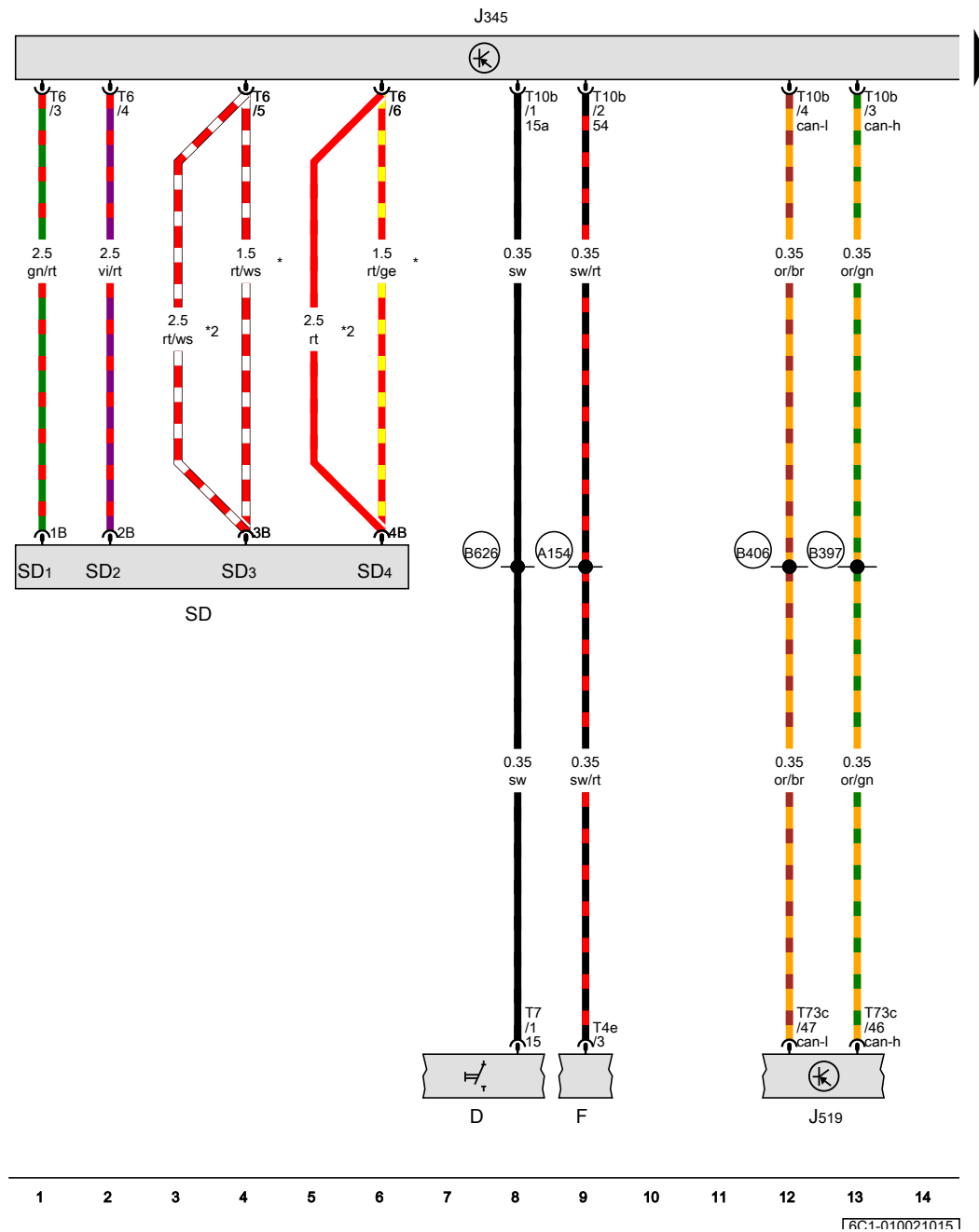


- ws = white
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Trailer coupling , (1D2)

From January 2014

Ignition/starter switch, Trailer detector control unit, Onboard supply control unit



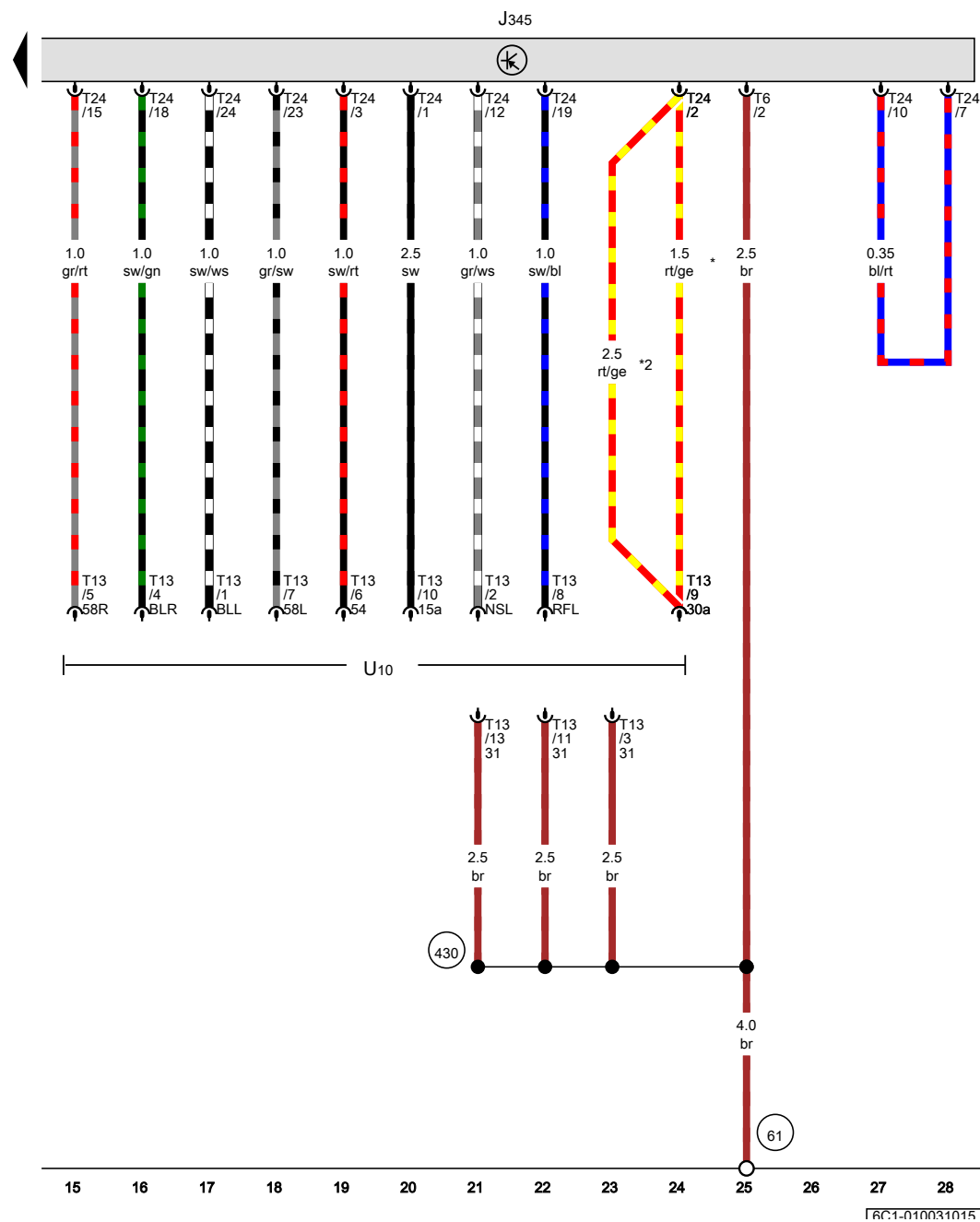
Trailer detector control unit, Trailer socket

J345 Trailer detector control unit
 T6 6-pin connector
 T13 13-pin connector
 T24 24-pin connector
 U10 Trailer socket

61 Earth point, left C-pillar

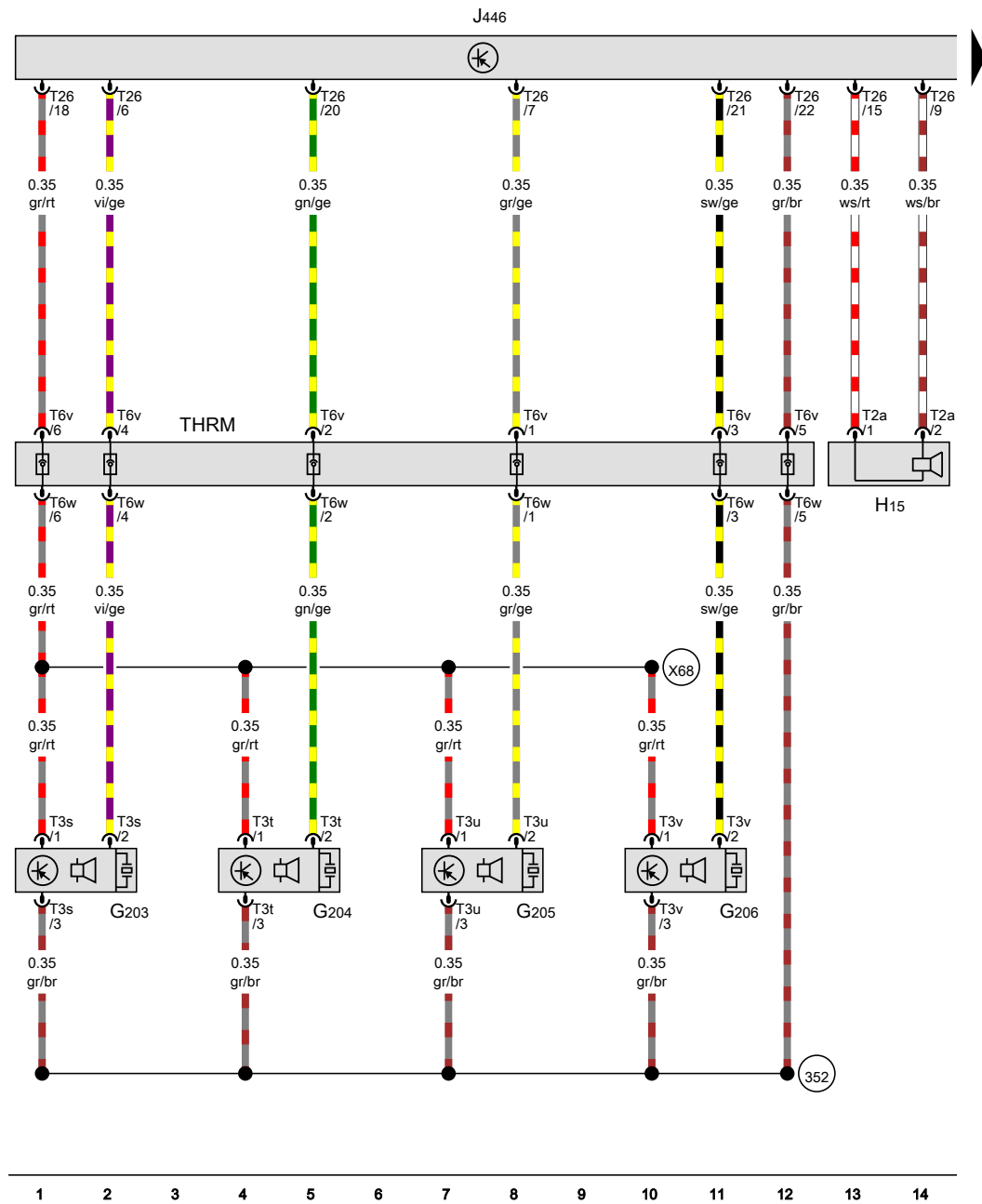
430 Earth connection, in towing bracket wiring harness

* Gradually discontinued
 *2 gradual introduction



Parking aid (PDC) , (7X1),(7X2)

From January 2014

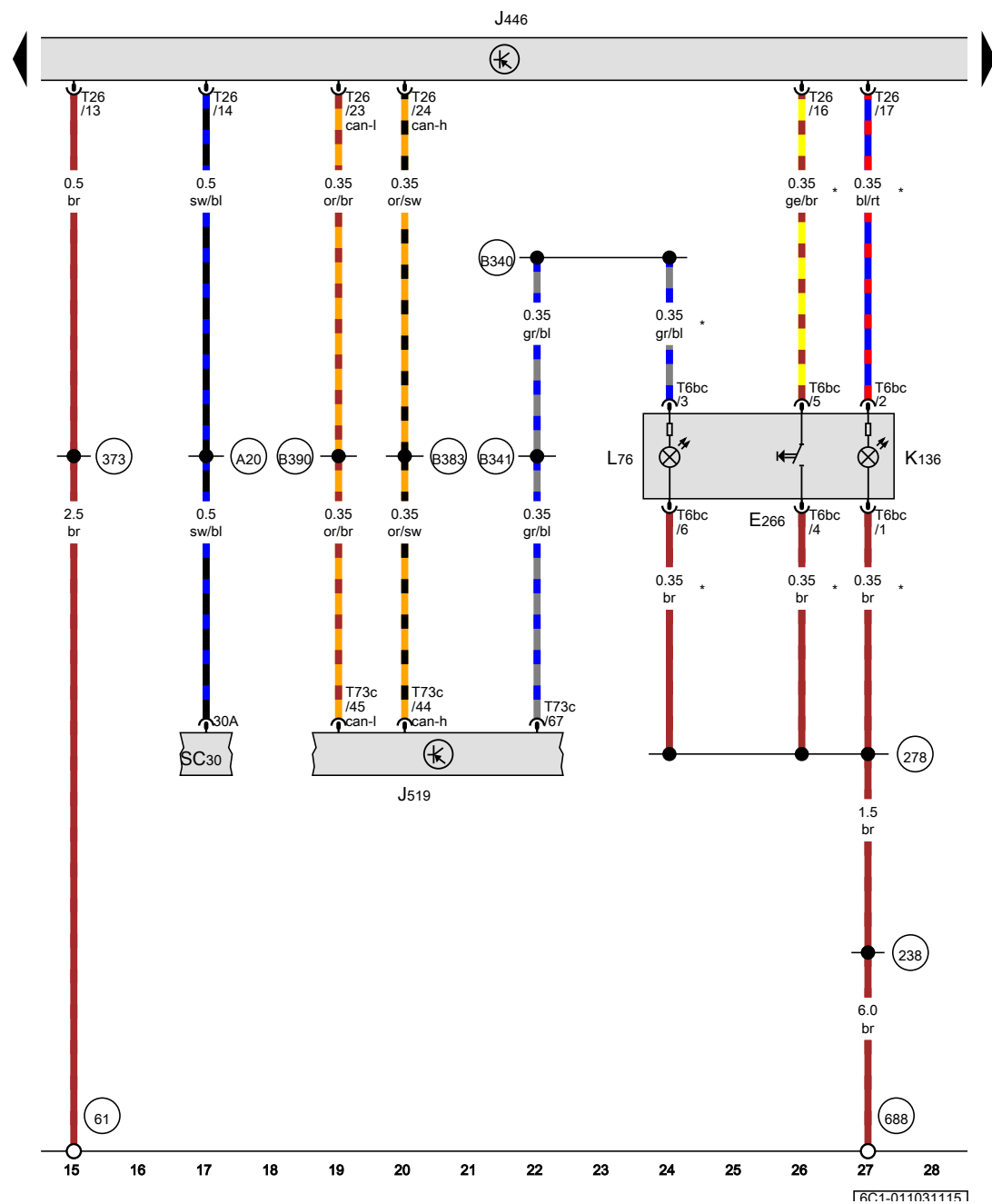


Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T2a 2-pin connector, black
- T3s 3-pin connector, black
- T3t 3-pin connector, black
- T3u 3-pin connector, black
- T3v 3-pin connector, black
- T6v 6-pin connector, black
- T6w 6-pin connector, black
- T26 26-pin connector, black
- THRM Coupling point in luggage compartment, centre

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness

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

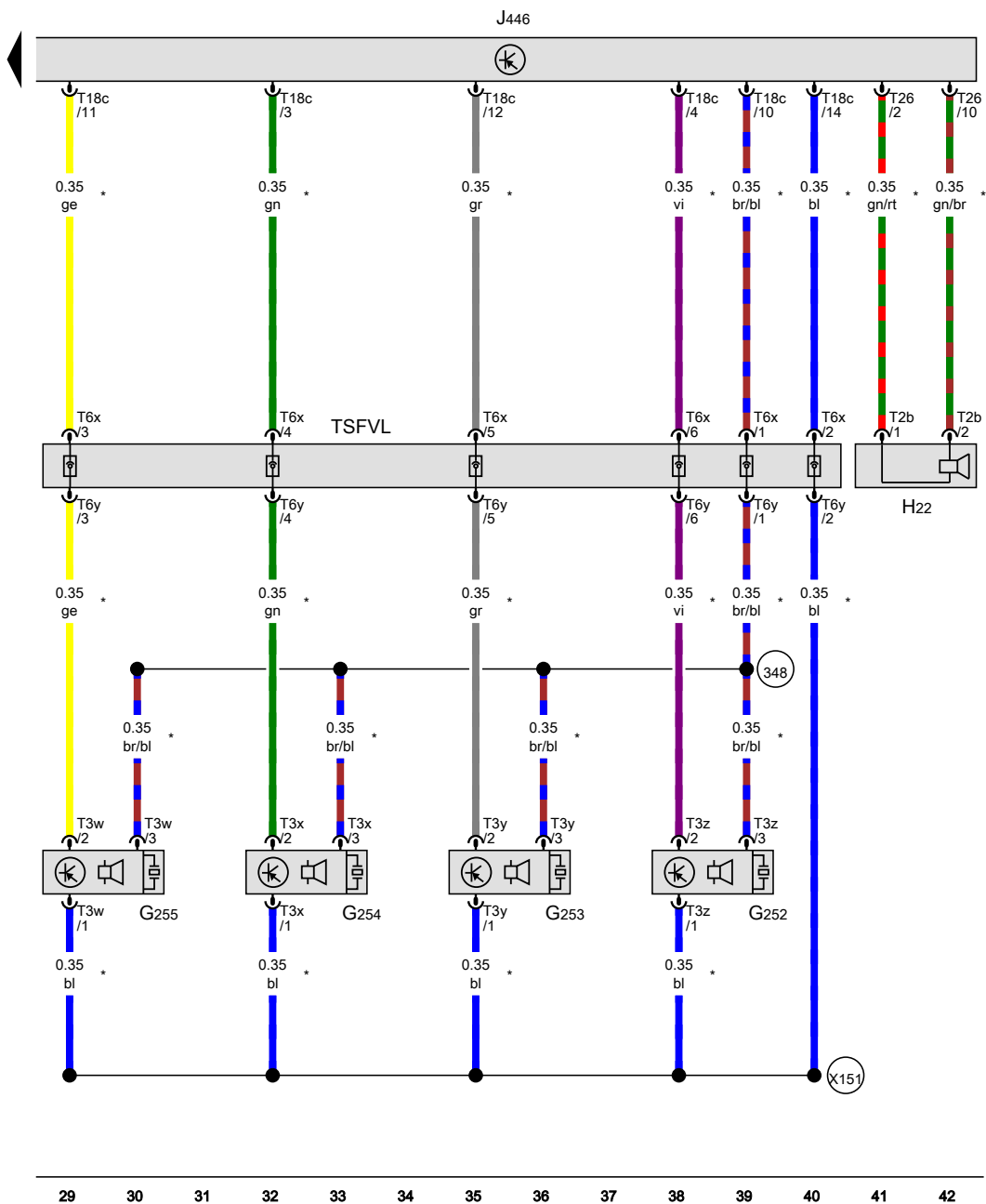


Parking aid button, Parking aid control unit, Onboard supply control unit

- E266 Parking aid button
- J446 Parking aid control unit
- J519 Onboard supply control unit
- K136 Parking aid warning lamp
- L76 Button illumination bulb
- SC30 Fuse 30 on fuse holder C
- T6bc 6-pin connector, white
- T26 26-pin connector, black
- T73c 73-pin connector

- 61 Earth point, left C-pillar
- 238 Earth connection 1, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 373 Earth connection 8, in main wiring harness
- 688 Earth point 2, on centre tunnel
- A20 Positive connection (15a), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with parking aid, front/rear

- ws = white
- 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 parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front parking aid warning buzzer, Parking aid control unit

- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- H22 Front parking aid warning buzzer
- J446 Parking aid control unit
- T2b 2-pin connector, black
- T3w 3-pin connector, black
- T3x 3-pin connector, black
- T3y 3-pin connector, black
- T3z 3-pin connector, black
- T6x 6-pin connector, black
- T6y 6-pin connector, black
- T18c 18-pin connector, black
- T26 26-pin connector, black
- TSFVL Coupling point on front left bumper

348 Earth connection (parking aid), in front bumper wiring harness

X151 Connection (5V), front bumper wiring harness

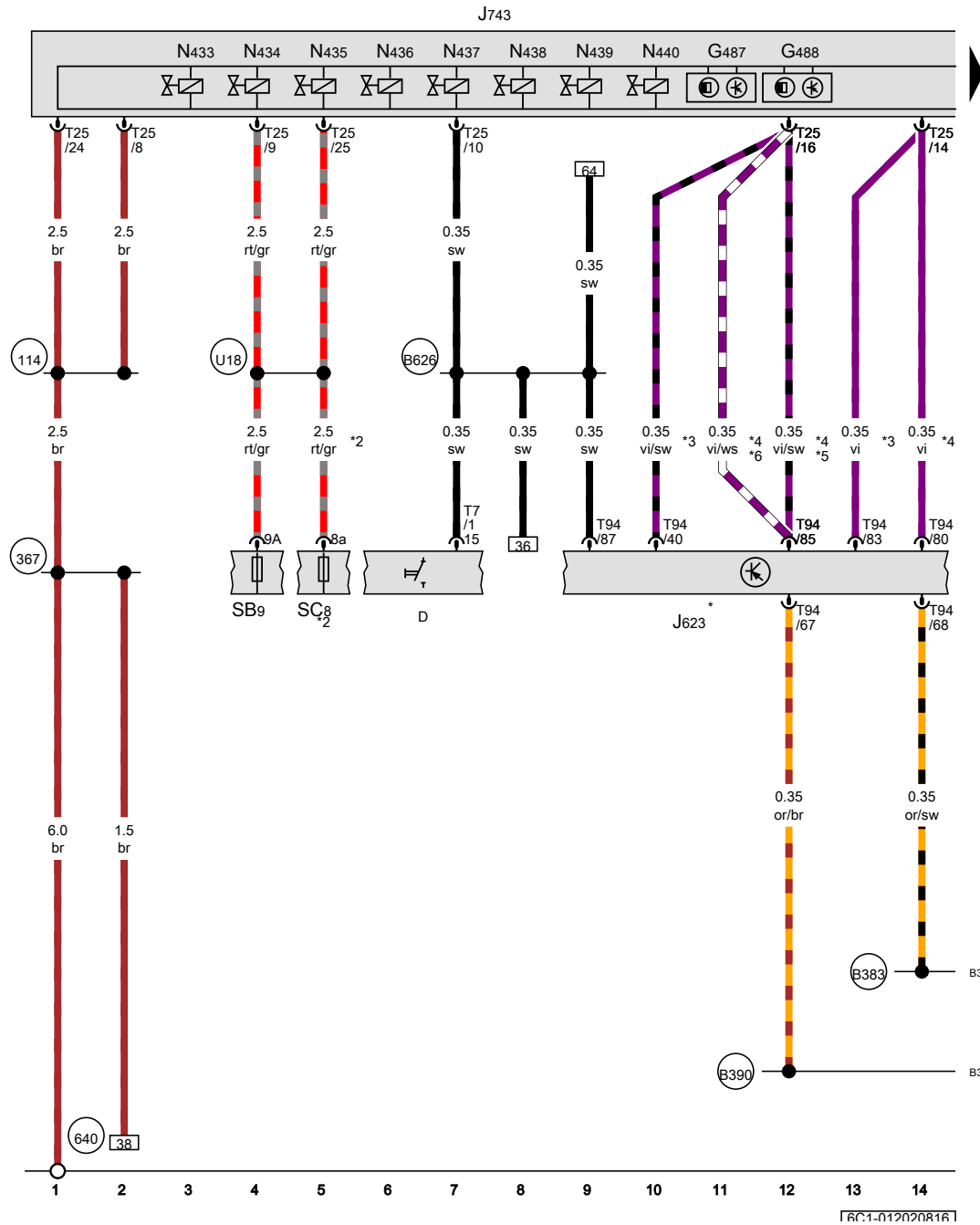
* Only models with parking aid, front/rear

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

16C1-011041115

Dual clutch gearbox 0CW , (0EG)

From January 2014



Ignition/starter switch, Engine control unit, Mechatronic unit
for dual clutch gearbox

- | | |
|------|---|
| D | Ignition/starter switch |
| G487 | Gear selector movement sensor 1 |
| G488 | Gear selector movement sensor 2 |
| J623 | Engine control unit |
| J743 | Mechatronic unit for dual clutch gearbox |
| N433 | Valve 1 in sub-gearbox 1 |
| N434 | Valve 2 in sub-gearbox 1 |
| N435 | Valve 3 in sub-gearbox 1 |
| N436 | Valve 4 in sub-gearbox 1 |
| N437 | Valve 1 in sub-gearbox 2 |
| N438 | Valve 2 in sub-gearbox 2 |
| N439 | Valve 3 in sub-gearbox 2 |
| N440 | Valve 4 in sub-gearbox 2 |
| SC8 | Fuse 8 on fuse holder C |
| SB9 | Fuse 9 on fuse holder B |
| T7 | 7-pin connector, black |
| T25 | 25-pin connector, black |
| T94 | 94-pin connector, black |
| 114 | Earth connection, in automatic gearbox wiring harness |
| 367 | Earth connection 2, in main wiring harness |
| 640 | Earth point 2, left in engine compartment |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |
| B626 | Positive connection 2 (15), in main wiring harness |
| U18 | Positive connection (30a), in automatic gearbox wiring harness |

* see applicable current flow diagram for engine

*2 From November 2014

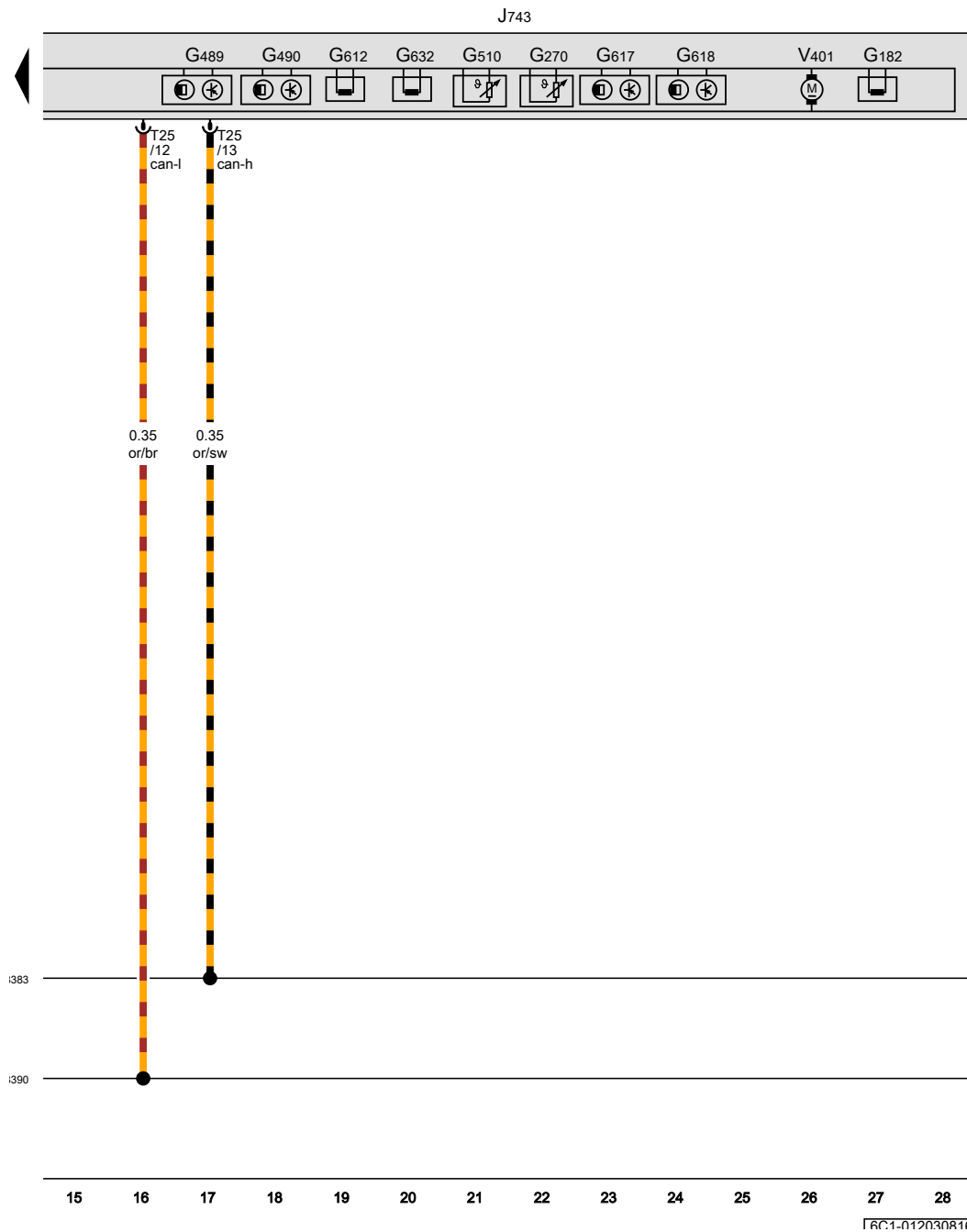
*3 Only models with diesel engine

*4 Only models with petrol engine

*5 Up to May 2016

*6 From May 2016

ws = white
sw = black
ro = red
rt = red
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bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

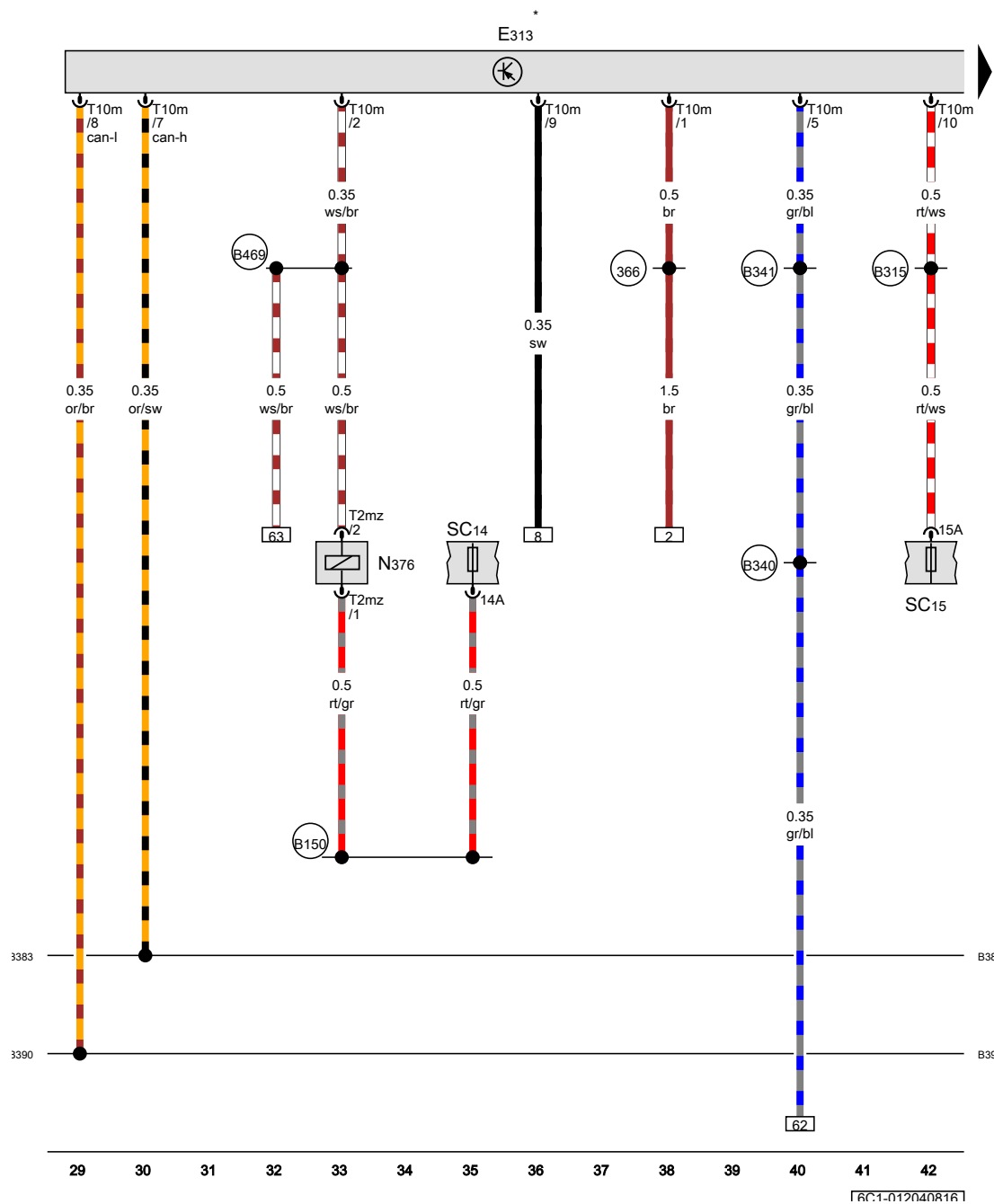


Mechatronic unit for dual clutch gearbox

- G182 Gearbox input speed sender
- G270 Gearbox hydraulic pressure sender
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G510 Temperature sender in control unit
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- T25 25-pin connector, black
- V401 Hydraulic pump motor

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

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

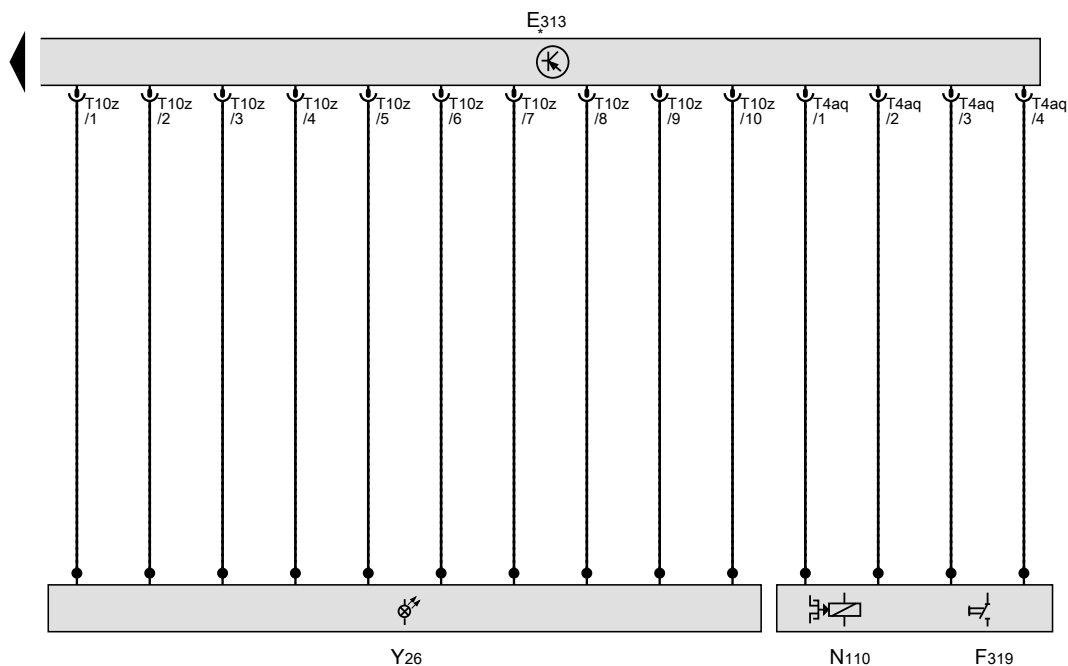


Selector lever, Ignition key withdrawal lock solenoid

- E313 Selector lever
- N376 Ignition key withdrawal lock solenoid
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- T2mz 2-pin connector, black
- T10m 10-pin connector

- 366 Earth connection 1, in main wiring harness
- B150 Positive connection 2 (30a), in interior wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- B469 Connection 5, in main wiring harness

* Pre-wired component



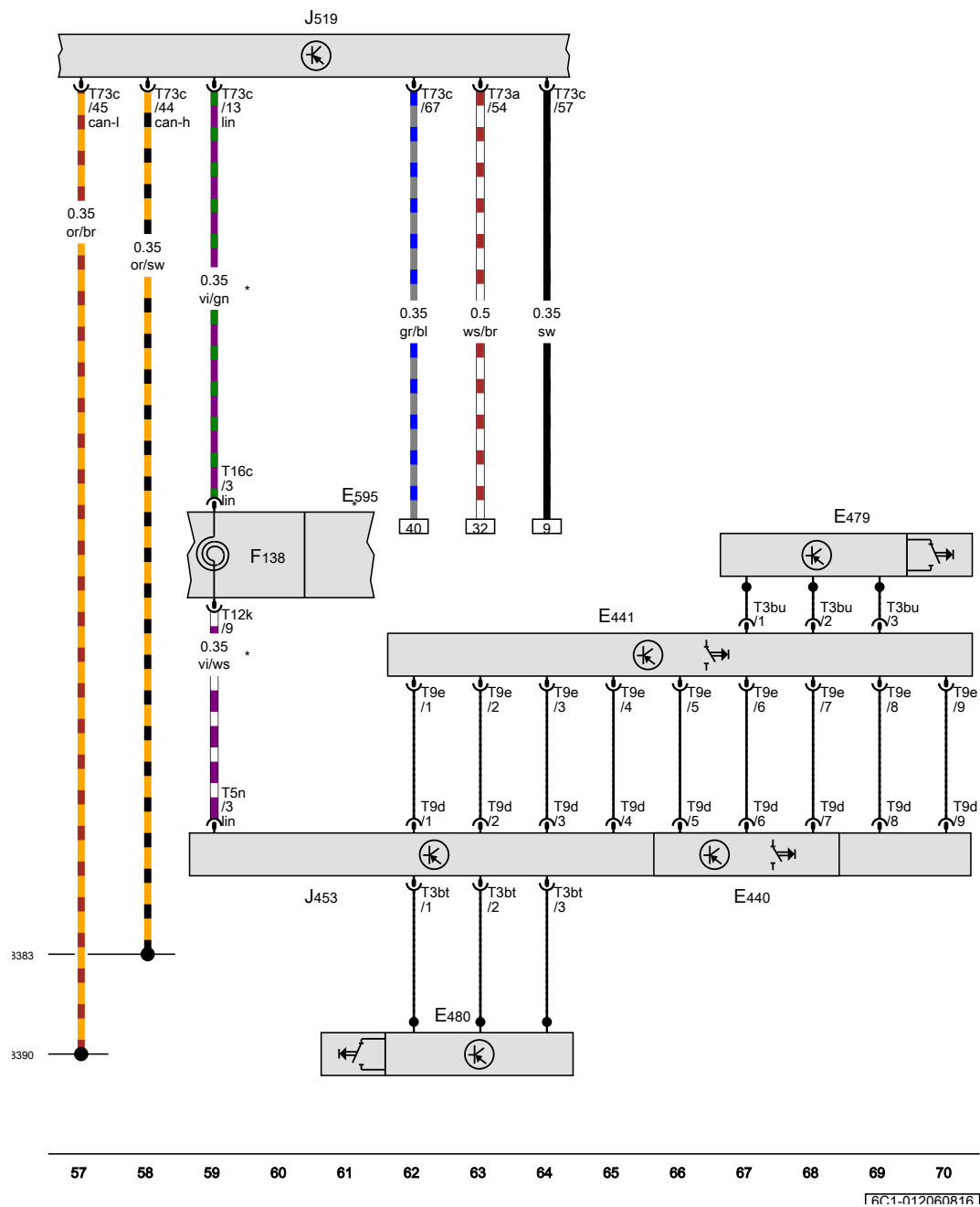
Selector lever, Selector lever locked in position P switch, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- N110 Selector lever lock solenoid
- T4aq 4-pin connector
- T10z 10-pin connector
- Y26 Selector lever position display
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Pre-wired component

3383															B383
3390															B390
43	44	45	46	47	48	49	50	51	52	53	54	55	56	[6C1-012050816]	

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

16C1-012050R16



Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift up), Tiptronic switch (shift down), Multifunction steering wheel control unit, Onboard supply control unit

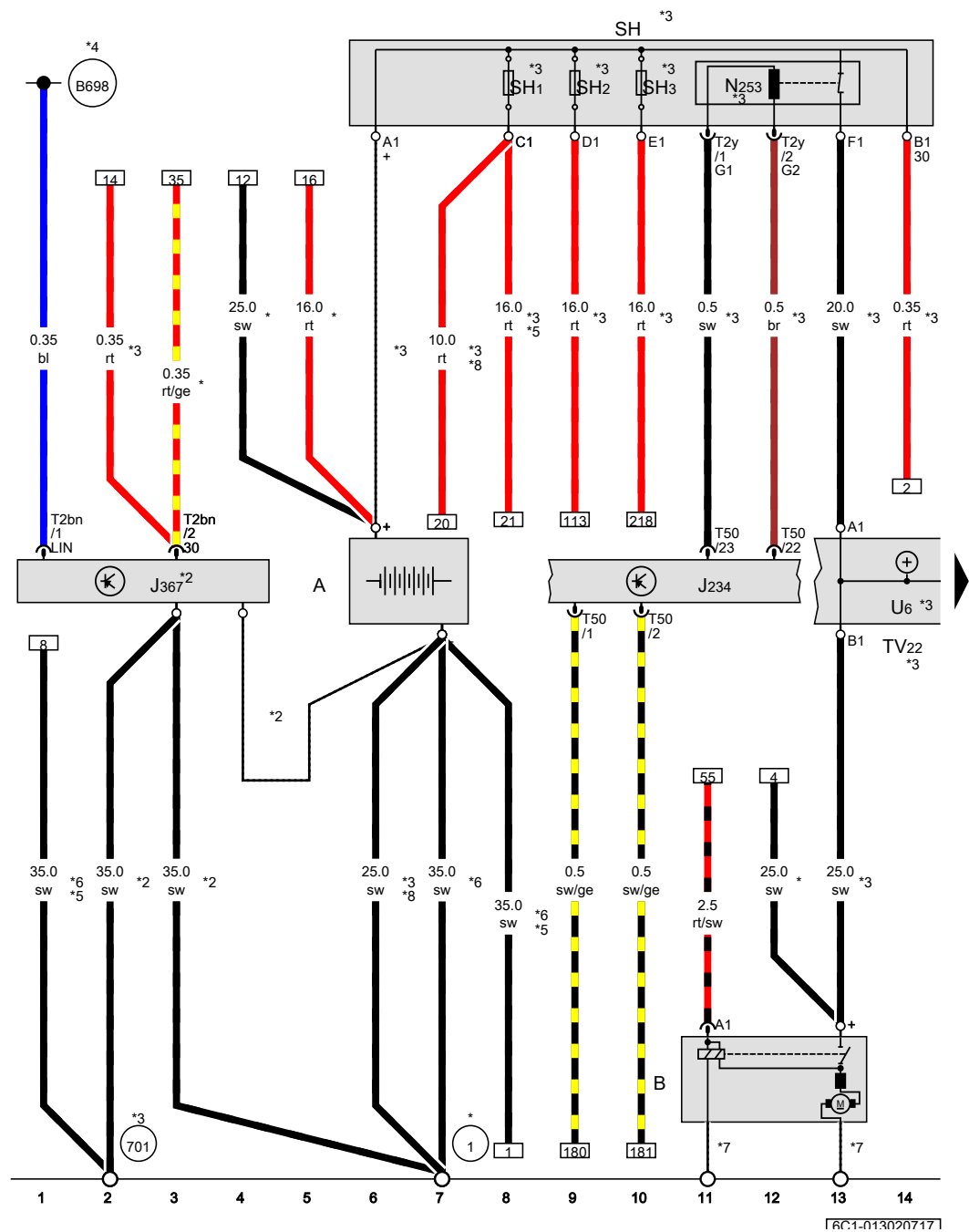
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E479 Tiptronic switch (shift up)
- E480 Tiptronic switch (shift down)
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- T3bt 3-pin connector
- T3bu 3-pin connector
- T5n 5-pin connector
- T9d 9-pin connector
- T9e 9-pin connector
- T12k 12-pin connector, yellow
- T16c 16-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with Tiptronic

ws = white
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 ro = red
 rt = red
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

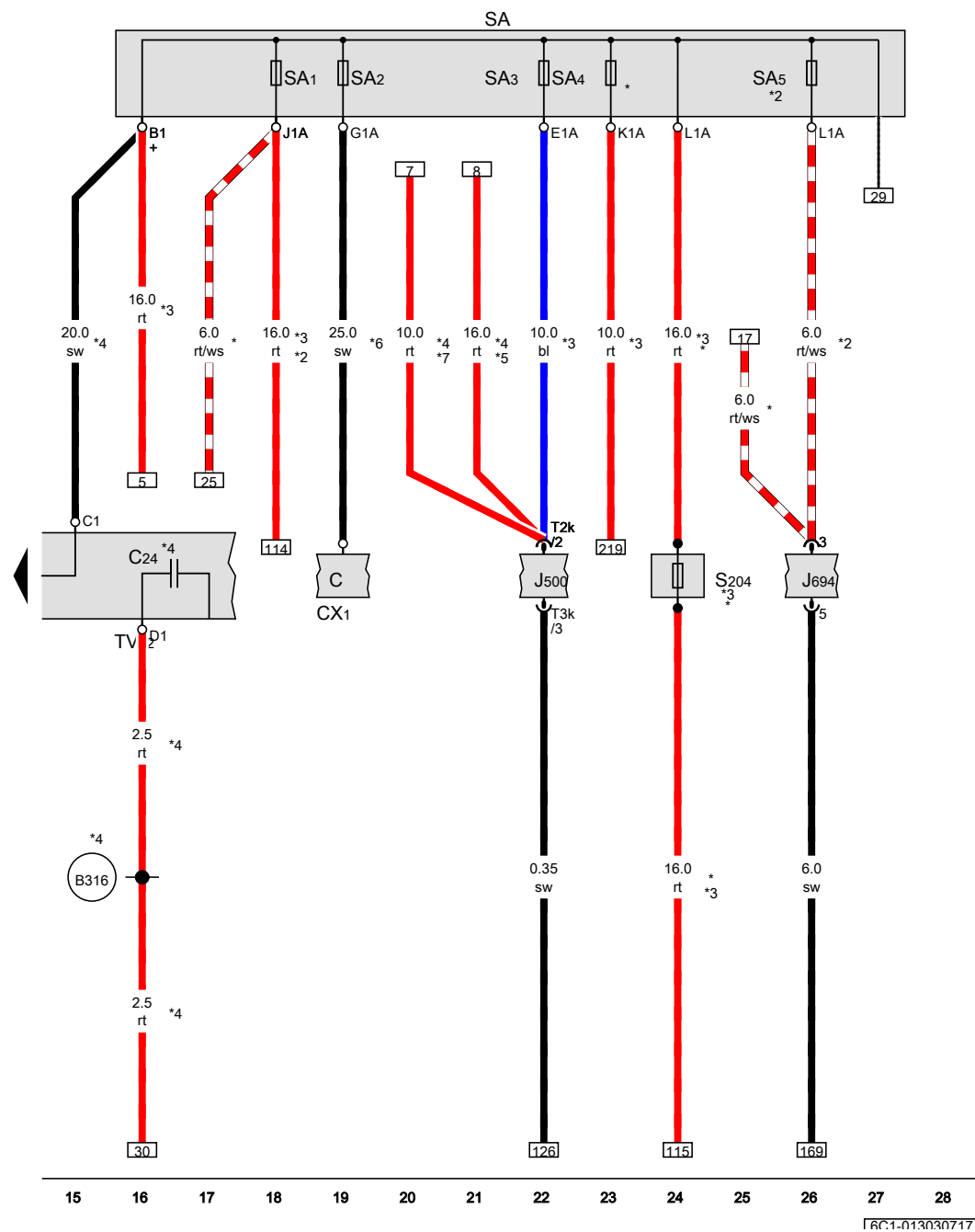
Fuse assignment

From January 2014

Battery, Battery monitor control unit, Battery isolation igniter, Fuse holder H, Terminal 30 wiring junction 2



16C1-013020717



Alternator with voltage regulator, Fuse 1 (30), Fuse holder A, Terminal 30 wiring junction 2

- C Alternator
- CX1 Alternator with voltage regulator
- C24 Suppression filter
- J500 Power steering control unit
- J694 Terminal 75x voltage supply relay
- S204 Fuse 1 (30)
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- T2k 2-pin connector
- T3k 3-pin connector
- TV22 Terminal 30 wiring junction 2
- B316 Positive connection 2 (30a) in main wiring harness
- * From November 2014
- *2 Up to November 2014
- *3 For models with battery in engine compartment
- *4 For models with battery in luggage compartment
- *5 Up to May 2016
- *6 Cross-section 16.0 possible
- *7 From May 2016

ws = white
 sw = black
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 br = brown
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 bl = blue
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 or = orange
 rs = pink

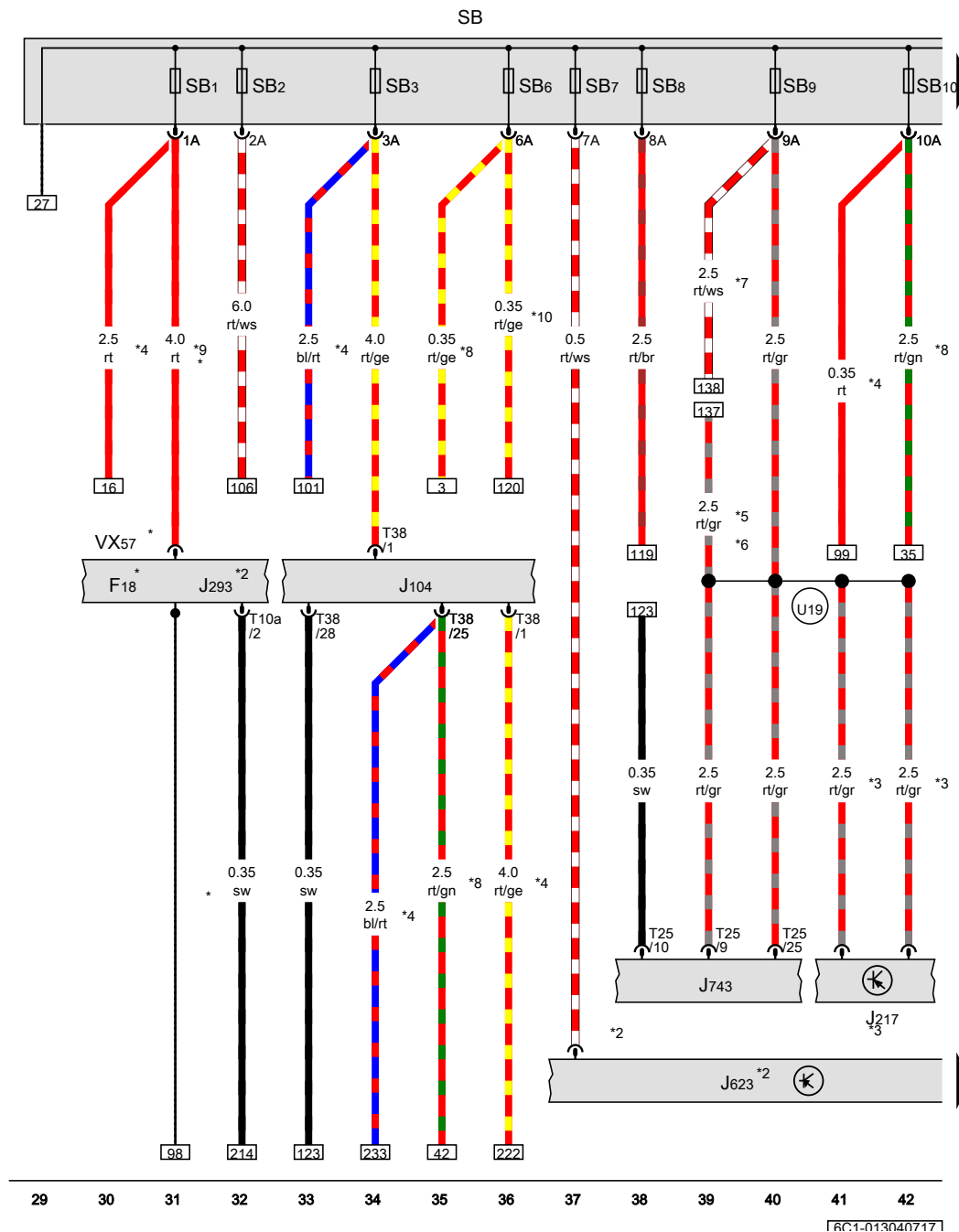
Automatic gearbox control unit, Fuse holder B

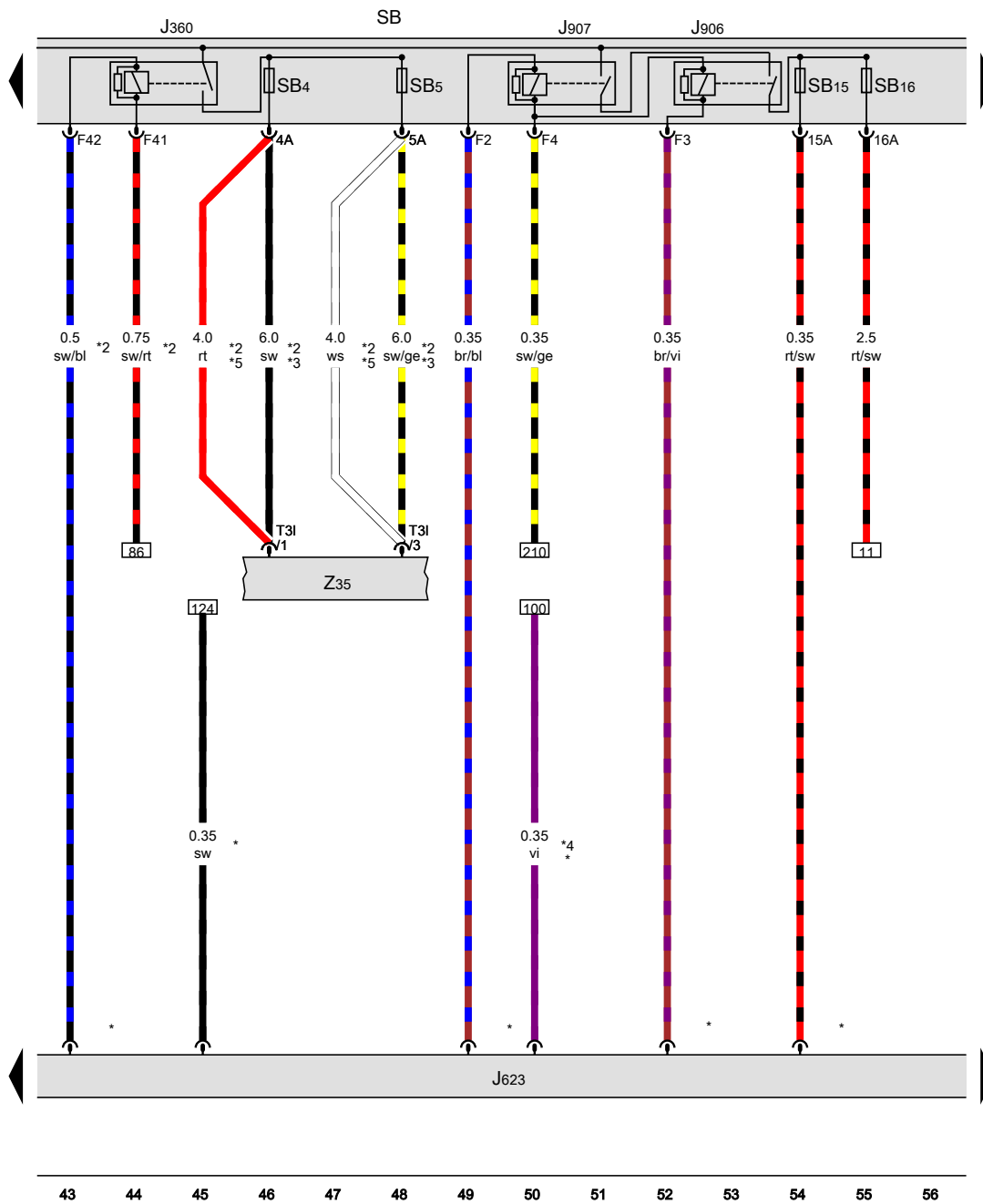
- F18 Radiator fan thermal switch
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- T10a 10-pin connector, black
- T25 25-pin connector
- T38 38-pin connector, brown
- VX57 Radiator fan

U19 Positive connection 2 (30a) in automatic gearbox wiring harness

- * see applicable current flow diagram for radiator fan
- *2 see applicable current flow diagram for engine
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with battery in luggage compartment
- *5 From November 2014
- *6 For models with no manual gearbox
- *7 According to equipment
- *8 For models with battery in engine compartment
- *9 Cross-section 6.0 possible
- *10 For models with no start/stop system

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

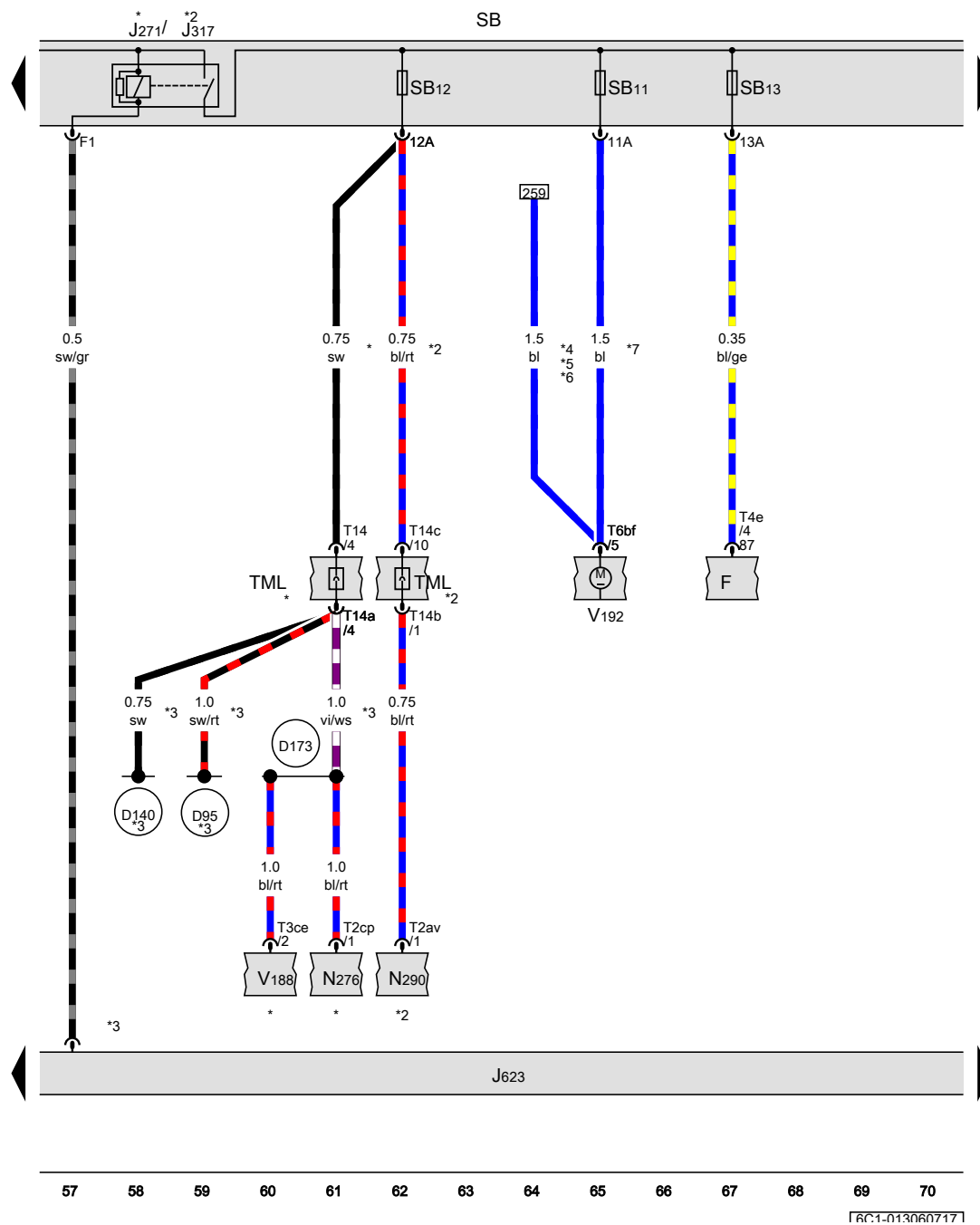




Fuse holder B

- J360 High heat output relay
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T3I 3-pin connector
- Z35 Auxiliary air heater element
- * see applicable current flow diagram for engine
- *2 For models with auxiliary air heating
- *3 Up to May 2016
- *4 For models with battery in luggage compartment
- *5 From May 2016

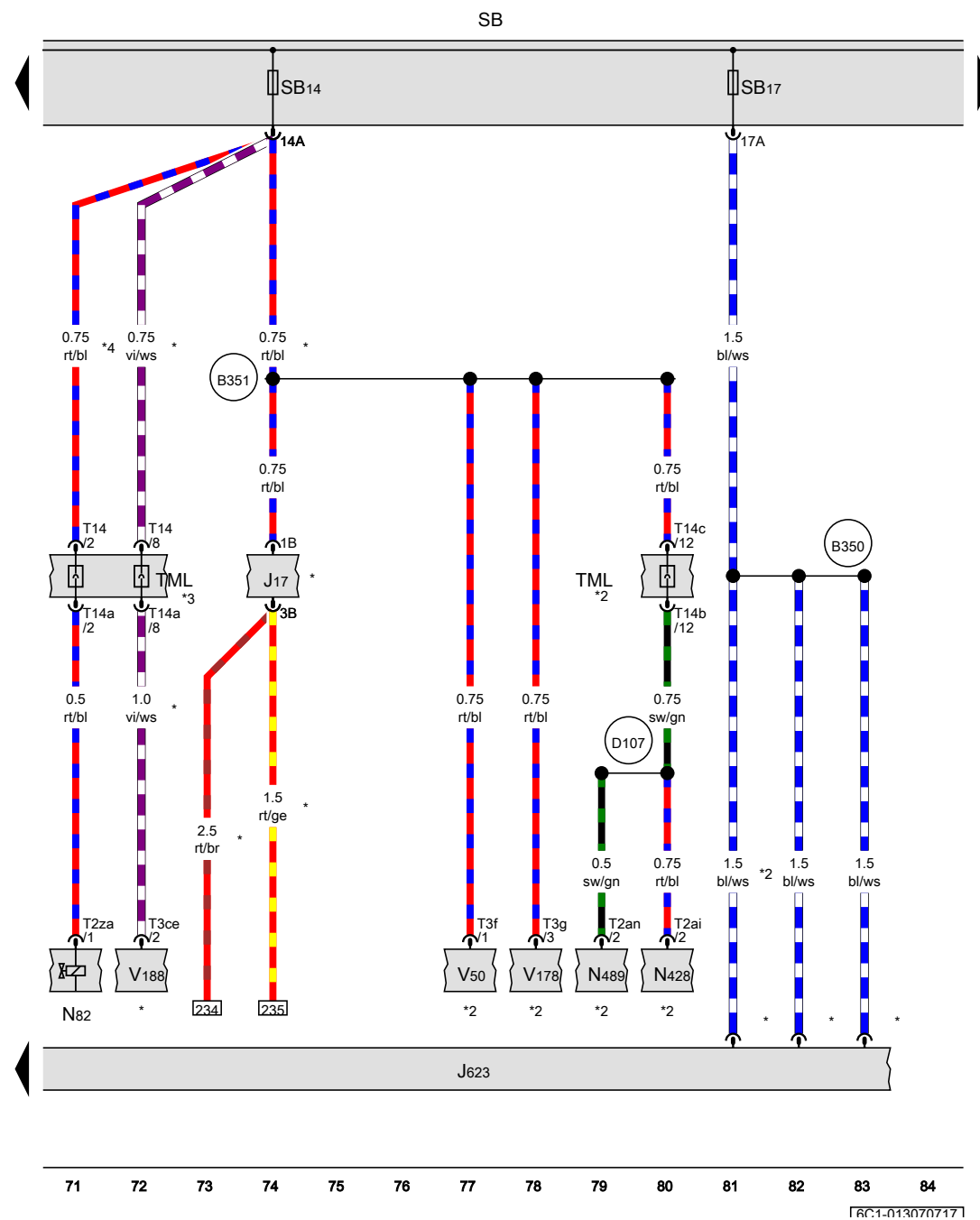
ws = white
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Fuse holder B

- F Brake light switch
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SB Fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T2av 2-pin connector
- T2cp 2-pin connector
- T3ce 3-pin connector
- T4e 4-pin connector
- T6bf 6-pin connector, black
- T14 14-pin connector, black
- T14a 14-pin connector
- T14b 14-pin connector
- T14c 14-pin connector
- TML Coupling point in engine compartment, left
- V188 Charge air cooling pump
- V192 Vacuum pump for brakes
- D95 Connection (injectors), in engine compartment wiring harness
- D140 Connection (injectors), in engine prewiring harness
- D173 Connection (87), in engine prewiring harness
- * For models with petrol engine
- *2 For models with diesel engine
- *3 see applicable current flow diagram for engine
- *4 For models with Euro 6 emission standard
- *5 For models with equipment for Japan
- *6 Up to May 2016
- *7 From May 2016

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



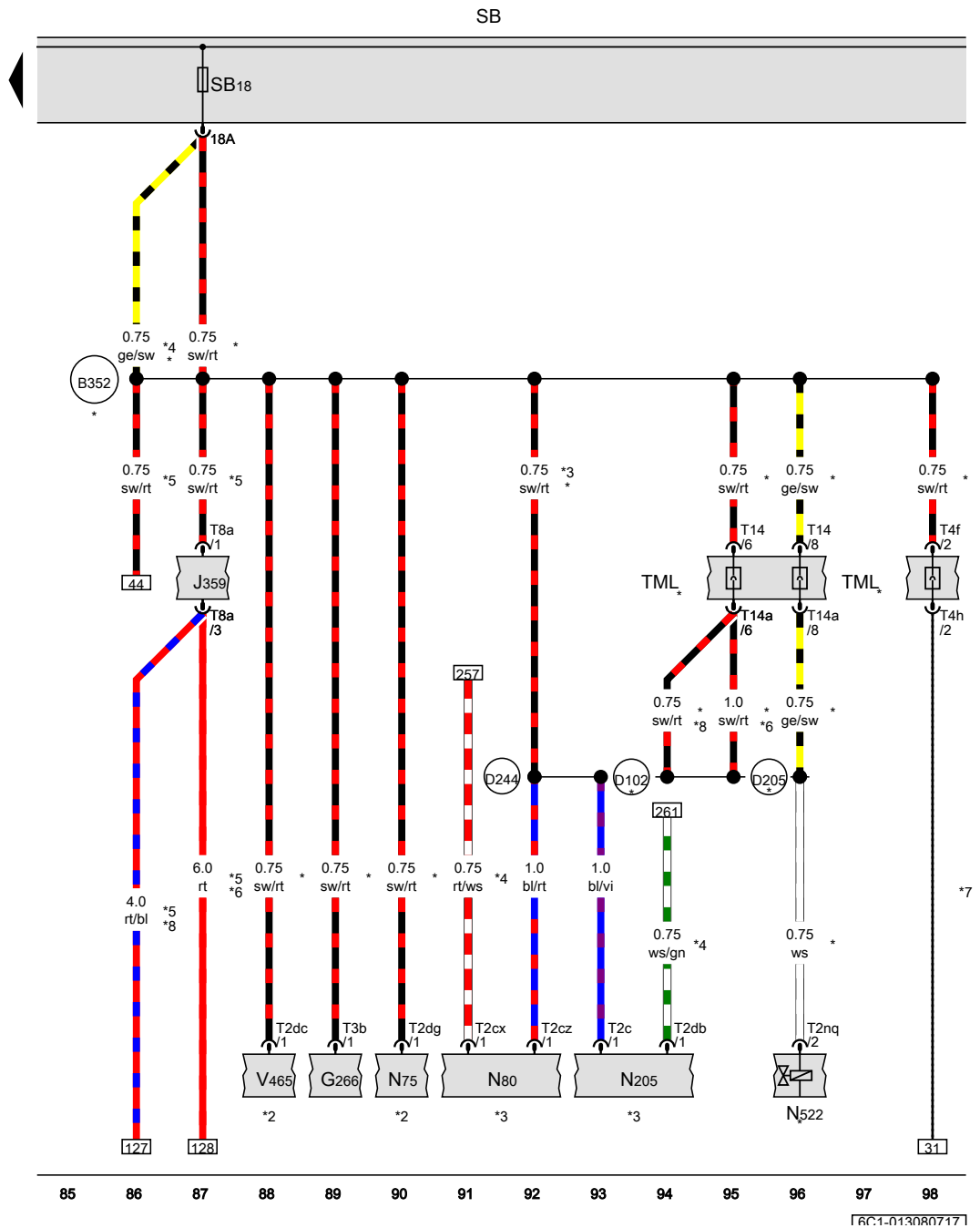
Fuse holder B

- J17 Fuel pump relay
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- SB Fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T2ai 2-pin connector
- T2an 2-pin connector
- T2za 2-pin connector, black
- T3ce 3-pin connector
- T3f 3-pin connector
- T3g 3-pin connector
- T14 14-pin connector, black
- T14a 14-pin connector
- T14b 14-pin connector
- T14c 14-pin connector
- TML Coupling point in engine compartment, left
- V50 Coolant circulation pump
- V178 Coolant circulation pump 2
- V188 Charge air cooling pump

- B350 Positive connection 1 (87a) in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- D107 Connection 5 in engine compartment wiring harness

- * see applicable current flow diagram for engine
- *2 For models with diesel engine
- *3 For models with petrol engine
- *4 For models with battery in luggage compartment

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



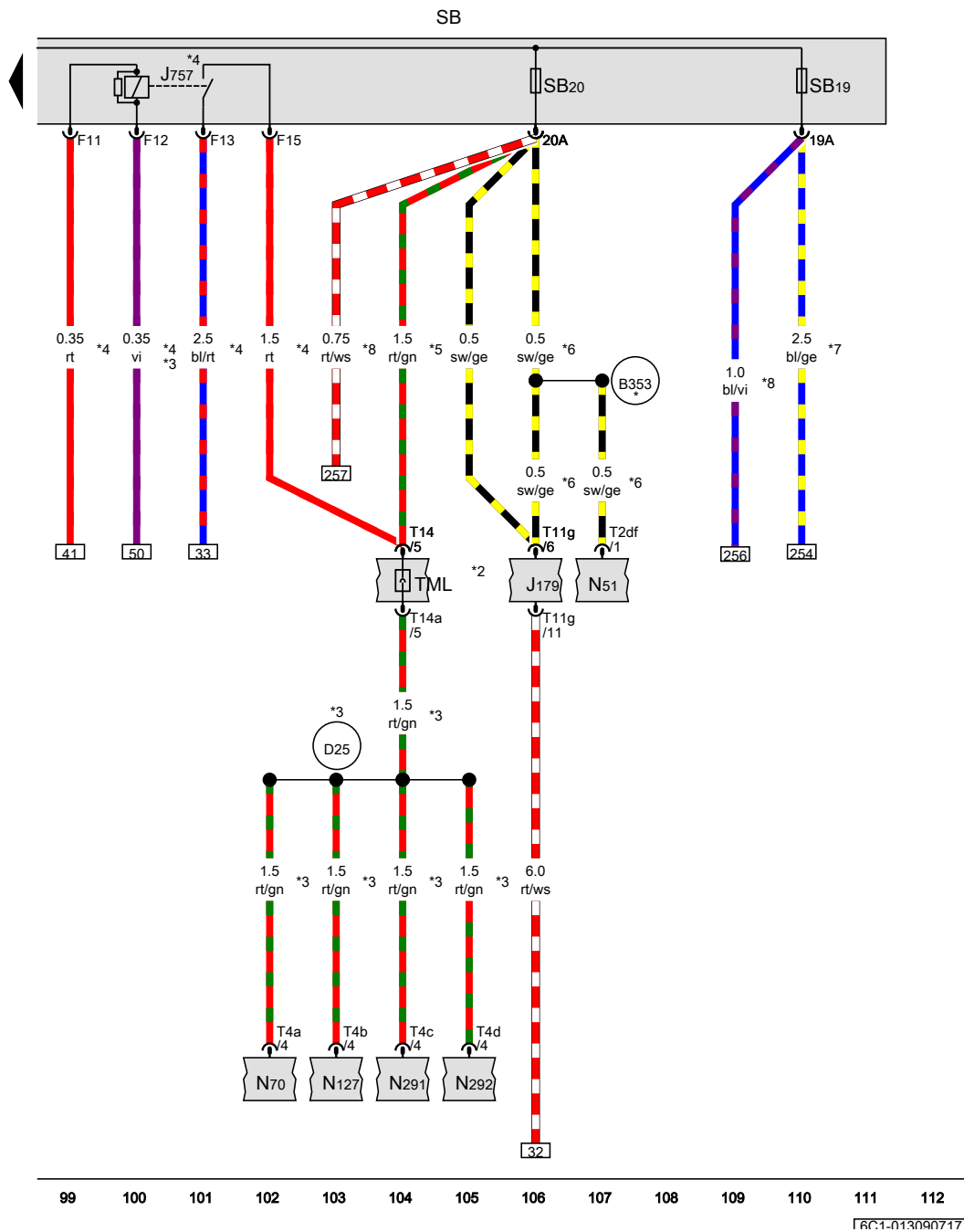
Fuse holder B

- | | |
|------|--|
| G266 | Oil level and oil temperature sender |
| J359 | Low heat output relay |
| N75 | Charge pressure control solenoid valve |
| N80 | Activated charcoal filter solenoid valve 1 |
| N205 | Camshaft control valve 1 |
| N522 | Piston cooling jet control valve |
| SB | Fuse holder B |
| SB18 | Fuse 18 on fuse holder B |
| T2c | 2-pin connector |
| T2cx | 2-pin connector, black |
| T2cz | 2-pin connector |
| T2db | 2-pin connector, black |
| T2dc | 2-pin connector |
| T2dg | 2-pin connector |
| T2nq | 2-pin connector, black |
| T3b | 3-pin connector |
| T4f | 4-pin connector |
| T4h | 4-pin connector |
| T8a | 8-pin connector |
| T14 | 14-pin connector, black |
| T14a | 14-pin connector |
| TML | Coupling point in engine compartment, left |
| V465 | Charge pressure positioner |

- B352 Positive connection 3 (87a) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D244 Connection 5 (87a) in engine prewiring harness

- * see applicable current flow diagram for engine
- *2 For models with diesel engine
- *3 For models with petrol engine
- *4 For models with battery in luggage compartment
- *5 For models with auxiliary air heating
- *6 Up to May 2016
- *7 see applicable current flow diagram for radiator fan
- *8 From May 2016

ws = white
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Fuse holder B

- J179 Automatic glow period control unit
- J757 Engine component current supply relay
- N51 Intake manifold preheating heater element
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB Fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2df 2-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4c 4-pin connector
- T4d 4-pin connector
- T11g 11-pin connector
- T14 14-pin connector, black
- T14a 14-pin connector
- TML Coupling point in engine compartment, left

B353 Positive connection 4 (87a) in main wiring harness

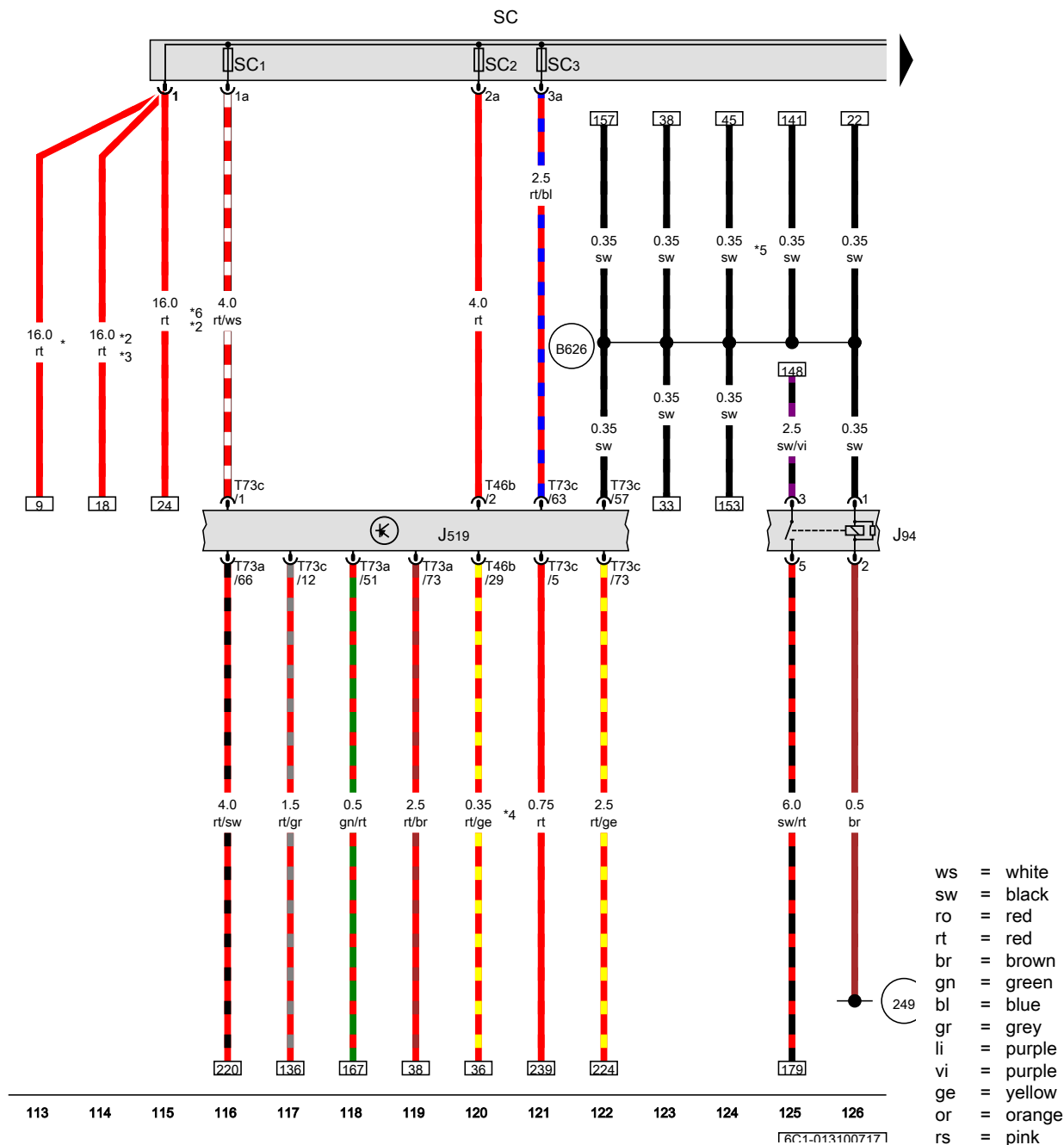
D25 Positive connection (15), in engine prewiring harness

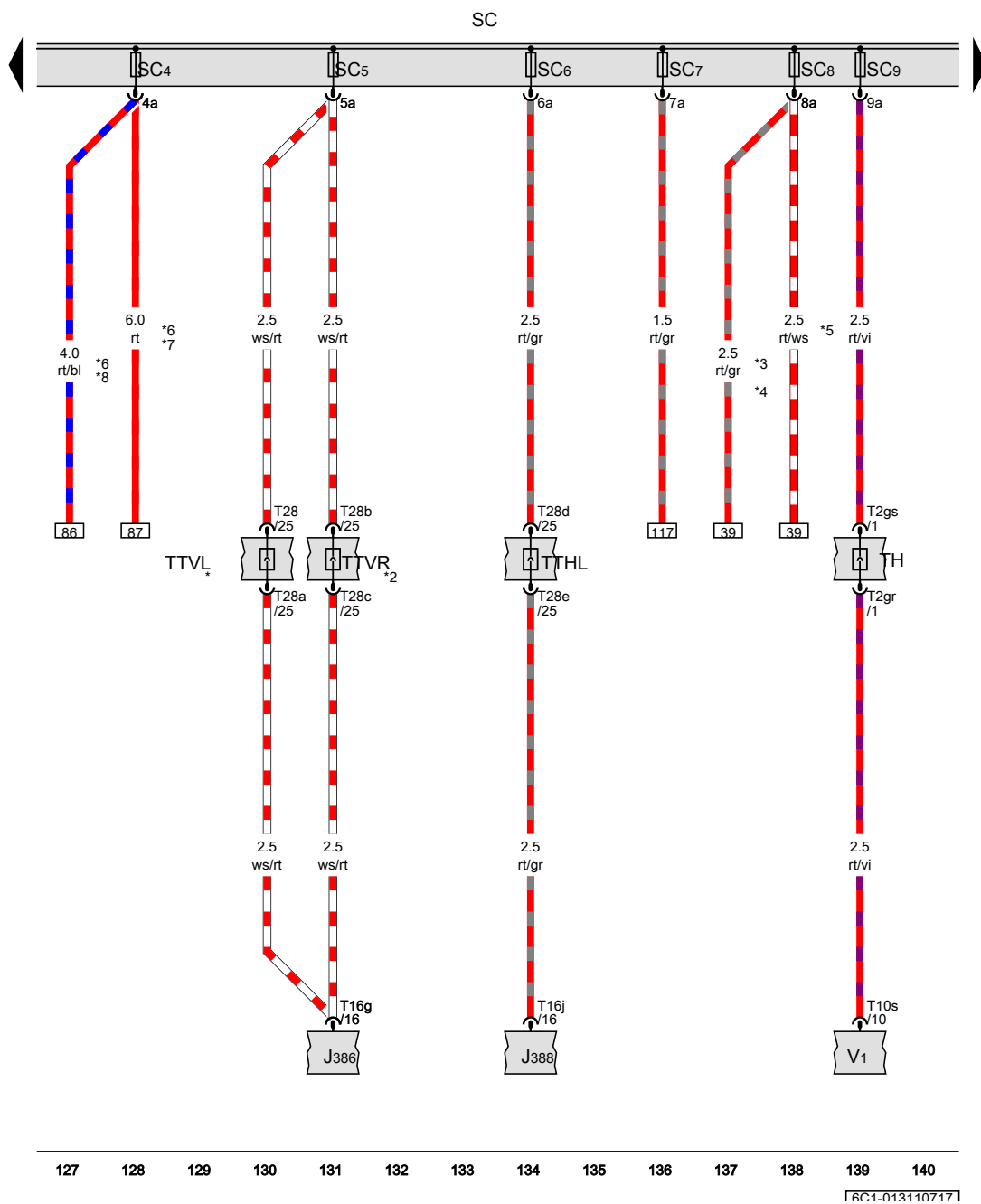
- * For models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 For models with battery in luggage compartment
- *5 For models with battery in engine compartment
- *6 For countries with cold climate
- *7 Up to May 2016
- *8 From May 2016

Fuse holder C

- J519 Onboard supply control unit
- J940 Terminal 15 relay
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 249 Earth connection 2, in interior wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with battery in luggage compartment
- *2 For models with battery in engine compartment
- *3 Up to November 2014
- *4 For models with no start/stop system
- *5 see applicable current flow diagram for engine
- *6 From November 2014

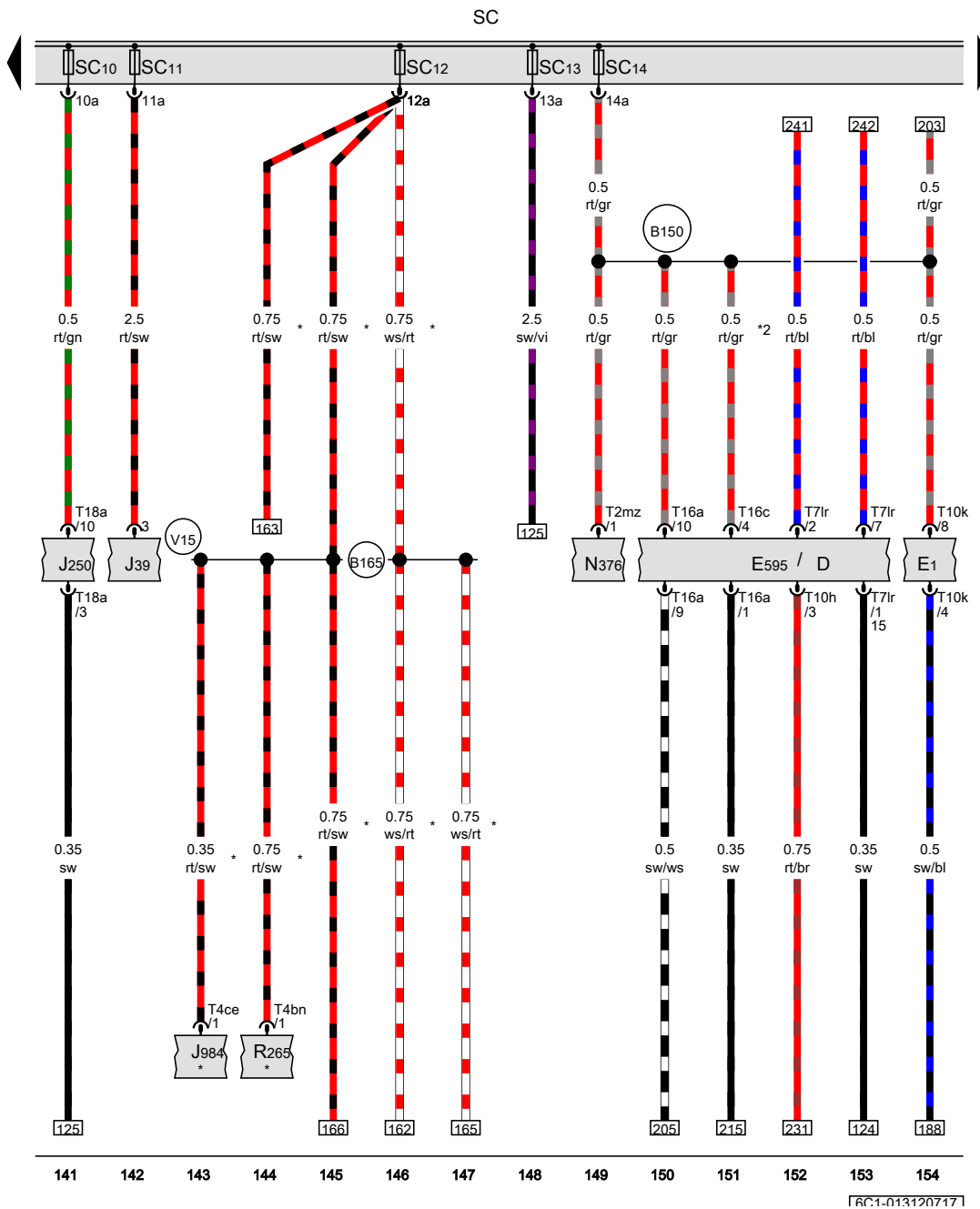




Fuse holder C

- J386 Driver door control unit
- J388 Rear left door control unit
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T2gr 2-pin connector
- T2gs 2-pin connector
- T10s 10-pin connector
- T16g 16-pin connector
- T16j 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- TH Coupling point for roof
- TTHL Coupling point for rear left door
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- V1 Sliding sunroof motor
- * For left-hand drive models
- *2 For right-hand drive models
- *3 From November 2014
- *4 For models with no manual gearbox
- *5 According to equipment
- *6 For models with auxiliary air heating
- *7 Up to May 2016
- *8 From May 2016

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 vi = violet
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 rs = pink



Fuse holder C

- D Ignition/starter switch
- E1 Light switch
- E595 Steering column combination switch
- J39 Headlight washer system relay
- J250 Electronically controlled damping control unit
- J984 Two-way signal amplifier for mobile telephone/data services
- N376 Ignition key withdrawal lock solenoid
- R265 Storage compartment with interface for mobile telephone
- SC Fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T2mz 2-pin connector
- T4bn 4-pin connector
- T4ce 4-pin connector
- T7lr 7-pin connector
- T10h 10-pin connector
- T10k 10-pin connector
- T16a 16-pin connector
- T16c 16-pin connector
- T18a 18-pin connector

B150 Positive connection 2 (30a), in interior wiring harness

B165 Positive connection 2 (15), in interior wiring harness

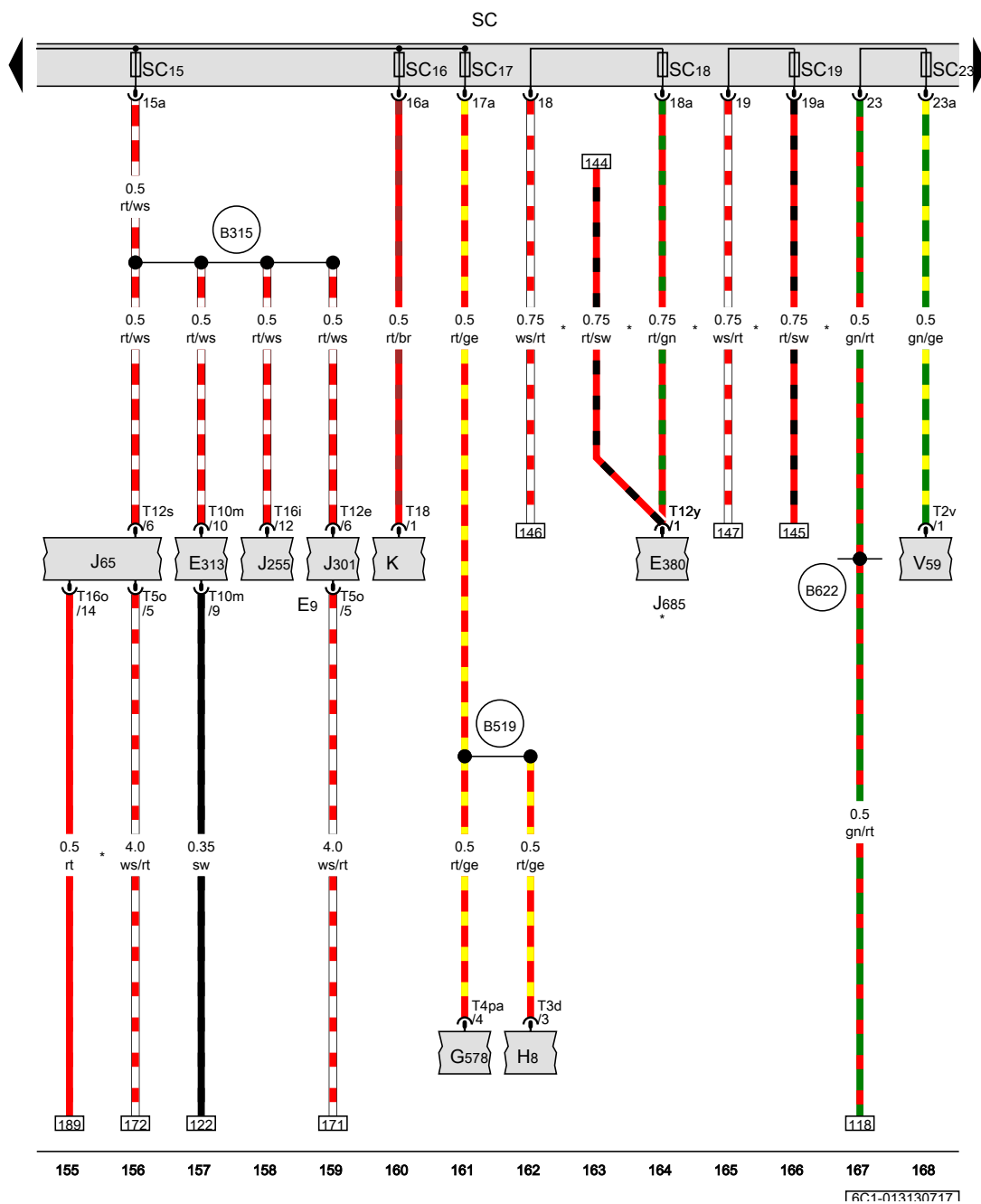
V15 Connection, in telephone wiring harness

* According to equipment

*2 For models with multifunction steering wheel

ws = white
 sw = black
 ro = red
 rt = red
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 or = orange
 rs = pink

16C1-013120717



Fuse holder C

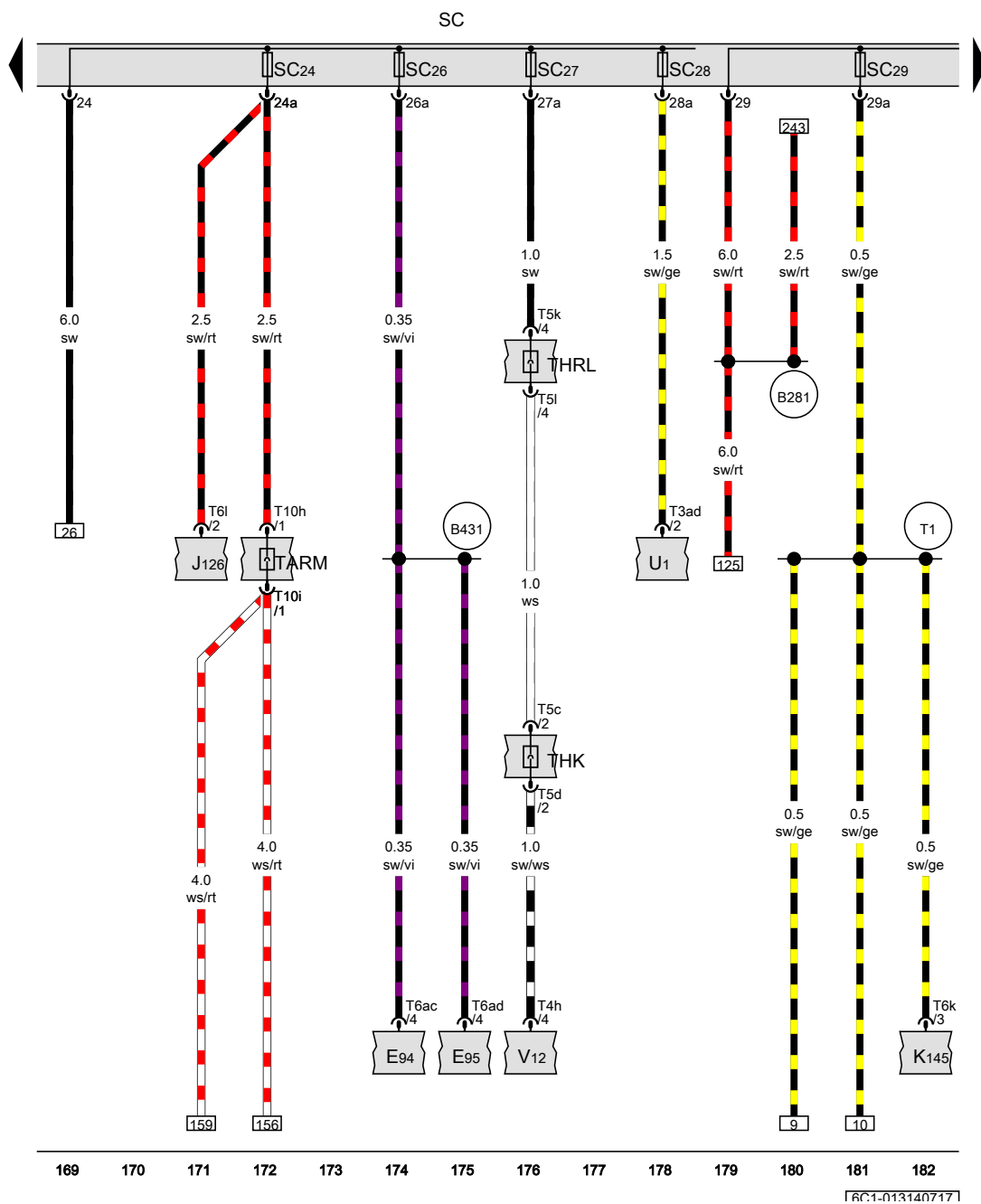
- E9 Fresh air blower switch
- E313 Selector lever
- E380 Multimedia system operating unit
- G578 Anti-theft alarm sensor
- H8 Anti-theft alarm system horn
- J65 Heater control unit
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J685 Display unit for front information display and operating unit control unit

- K Dash panel insert
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC23 Fuse 23 on fuse holder C

- T2v 2-pin connector
- T3d 3-pin connector
- T4pa 4-pin connector
- T5o 5-pin connector
- T10m 10-pin connector, black
- T12e 12-pin connector
- T12s 12-pin connector
- T12y 12-pin connector
- T16i 16-pin connector
- T16o 16-pin connector, black
- T18 18-pin connector
- V59 Windscreen and rear window washer pump

- B315 Positive connection 1 (30a) in main wiring harness
- B519 Connection (30a, CL/ATA/IR), in main wiring harness
- B622 Connection (windscreen wiper), in main wiring harness

* According to equipment



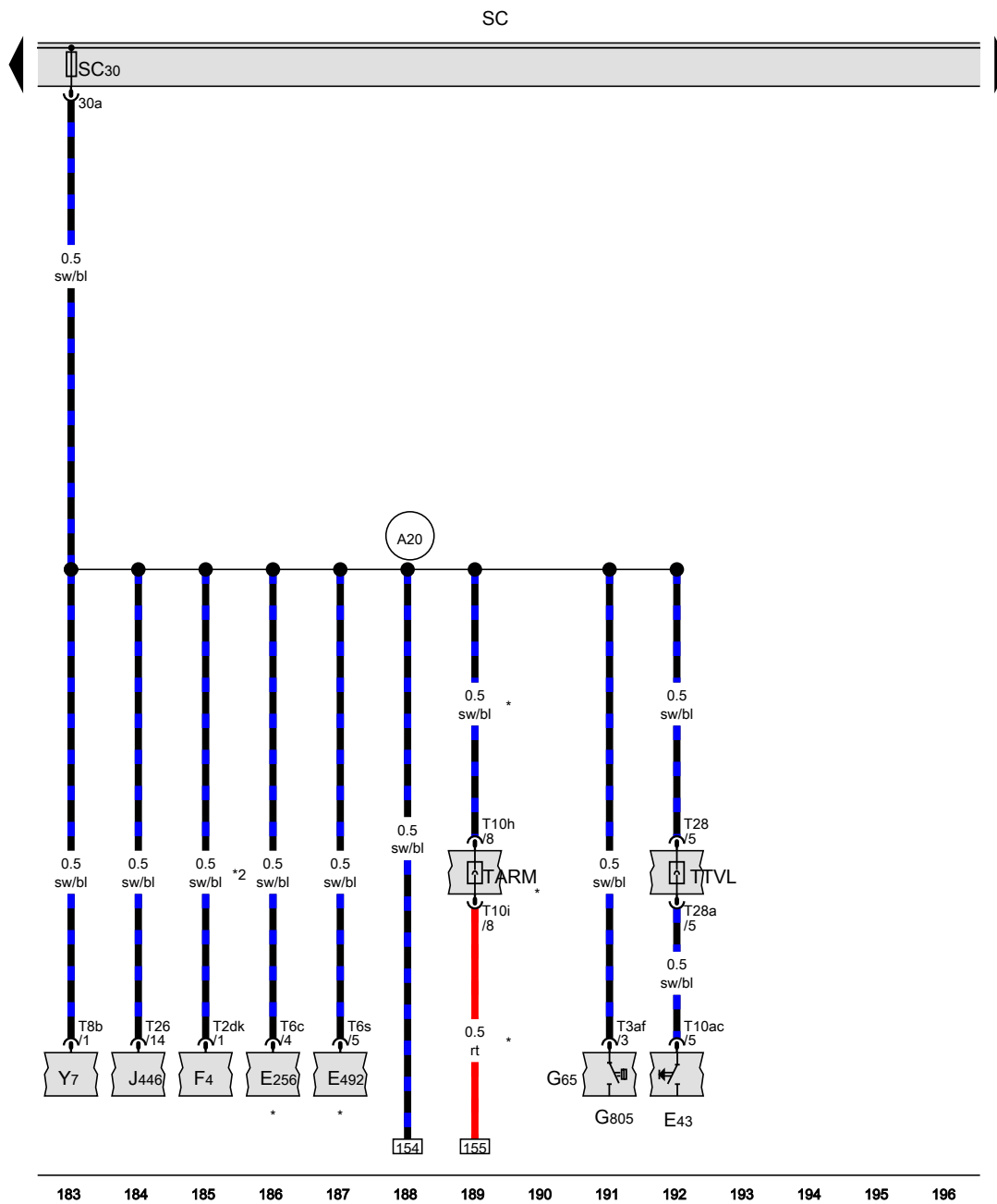
Fuse holder C

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- J126 Fresh air blower control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SC Fuse holder C
- SC24 Fuse 24 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
- T3ad 3-pin connector
- T4h 4-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T5k 5-pin connector, brown
- T5l 5-pin connector, brown
- T6ac 6-pin connector
- T6ad 6-pin connector
- T6k 6-pin connector
- T6l 6-pin connector
- T10h 10-pin connector
- T10i 10-pin connector
- TARM Coupling point on right A-pillar, middle
- THK Coupling point for rear lid
- THRL Coupling point in luggage compartment, left
- U1 Cigarette lighter
- V12 Rear window wiper motor

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

B431 Connection (seat heating), in main wiring harness

T1 Positive connection 1, in airbag wiring harness



Fuse holder C

- E43 Mirror adjustment switch
- E256 Button for TCS and electronic stabilisation program
- E492 Tyre Pressure Loss Indicator button
- F4 Reversing light switch
- G65 High-pressure sender
- G805 Pressure sender for refrigerant circuit
- J446 Parking aid control unit
- SC Fuse holder C
- SC30 Fuse 30 on fuse holder C
- T2dk 2-pin connector
- T3af 3-pin connector, black
- T6c 6-pin connector
- T6s 6-pin connector
- T8b 8-pin connector
- T10ac 10-pin connector, black
- T10h 10-pin connector, black
- T10i 10-pin connector, black
- T26 26-pin connector
- T28 28-pin connector, black
- T28a 28-pin connector, black
- TARM Coupling point on right A-pillar, middle
- TTVL Coupling point for front left door
- Y7 Automatic anti-dazzle interior mirror

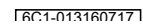
A20 Positive connection (15a), in dash panel wiring harness

* According to equipment

*2 Not for models with dual clutch gearbox

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

16C1-013150717

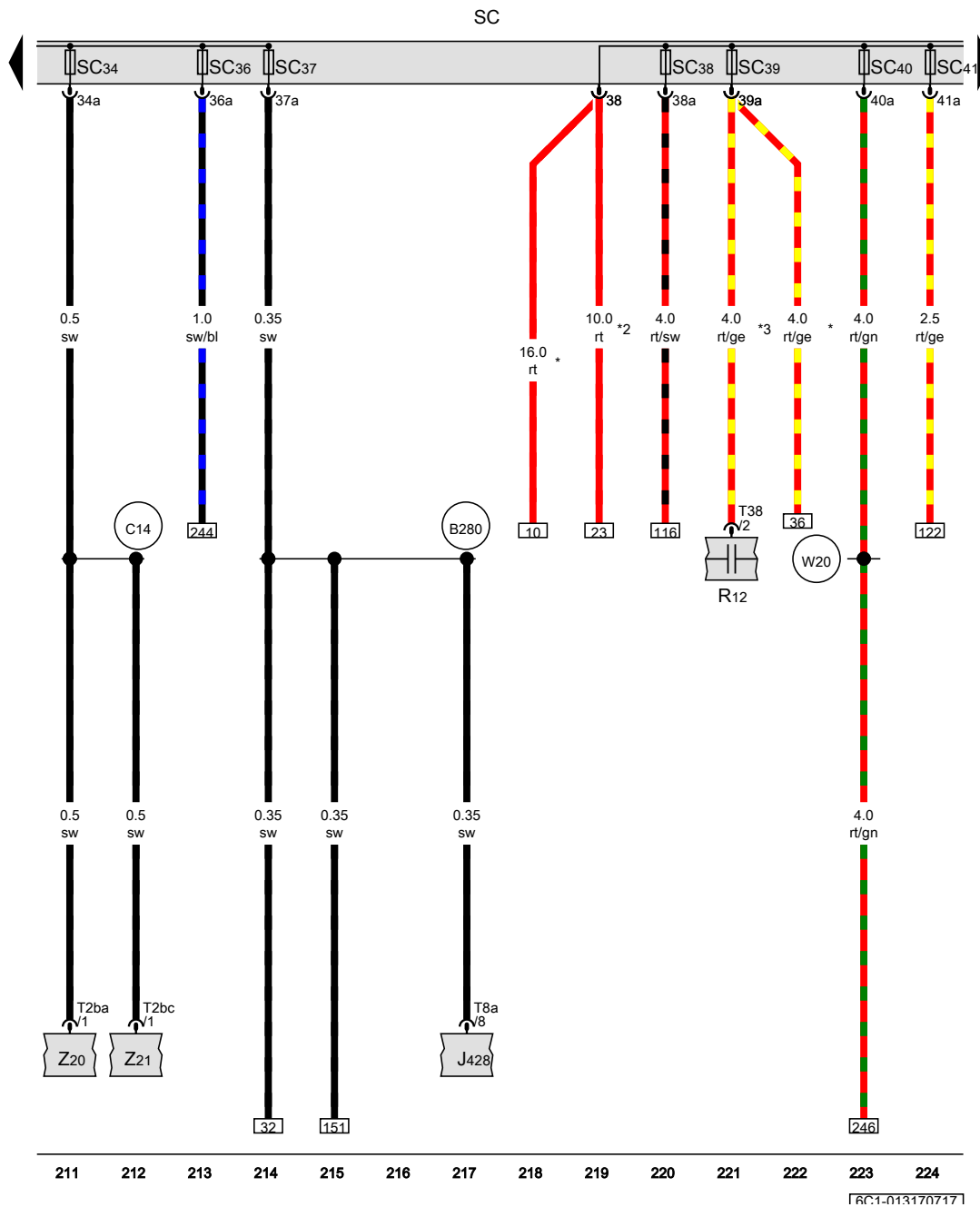


EX14	Headlight range control and instrument illumination regulator
G476	Clutch position sender
J431	Headlight range control unit
J538	Fuel pump control unit
J576	Washer pump relay
J869	Control unit for structure-borne sound
MX1	Front left headlight
MX2	Front right headlight
SC	Fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T5m	5-pin connector
T6be	6-pin connector, black
T7lr	7-pin connector
T10c	10-pin connector
T10l	10-pin connector
T10r	10-pin connector
T14e	14-pin connector
T14f	14-pin connector
T16i	16-pin connector
T26a	26-pin connector
U31	Diagnostic connection

- B277 Positive connection 1 (15a) in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness

- * see applicable current flow diagram for engine
- *2 For models with battery in luggage compartment
- *3 For models with halogen headlights
- *4 Headlight with gas discharge light
- *5 see applicable current flow diagram for LED headlights

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



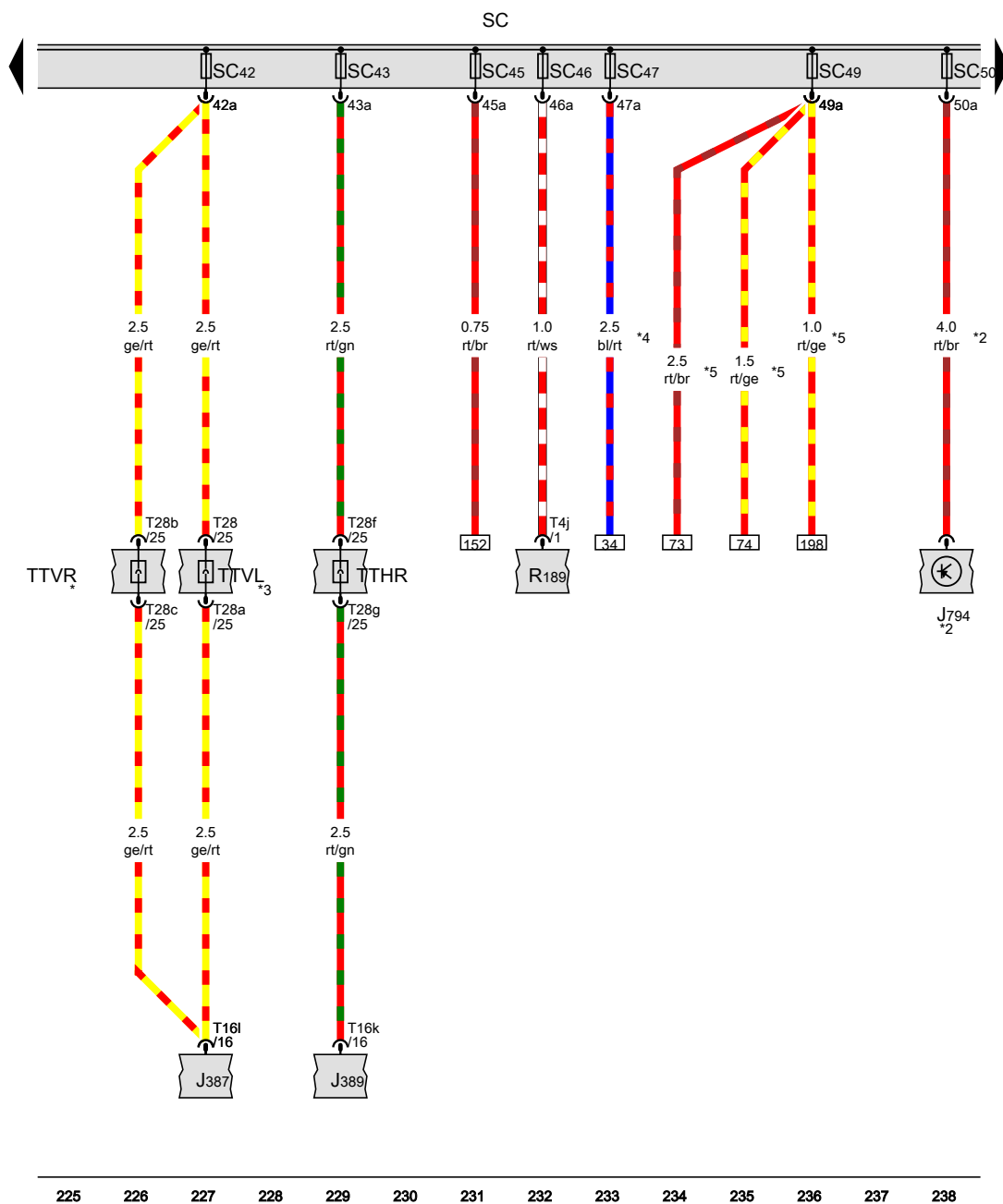
Fuse holder C

- J428 Adaptive cruise control unit
- R12 Amplifier
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2ba 2-pin connector
- T2bc 2-pin connector
- T8a 8-pin connector
- T38 38-pin connector, black
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- B280 Positive connection 4 (15a) in main wiring harness
- C14 Positive connection (15), in heated washer jet wiring harness
- W20 Positive connection (30a) in rear wiring harness

- * For models with battery in luggage compartment
- *2 For models with battery in engine compartment
- *3 For models with sound system

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

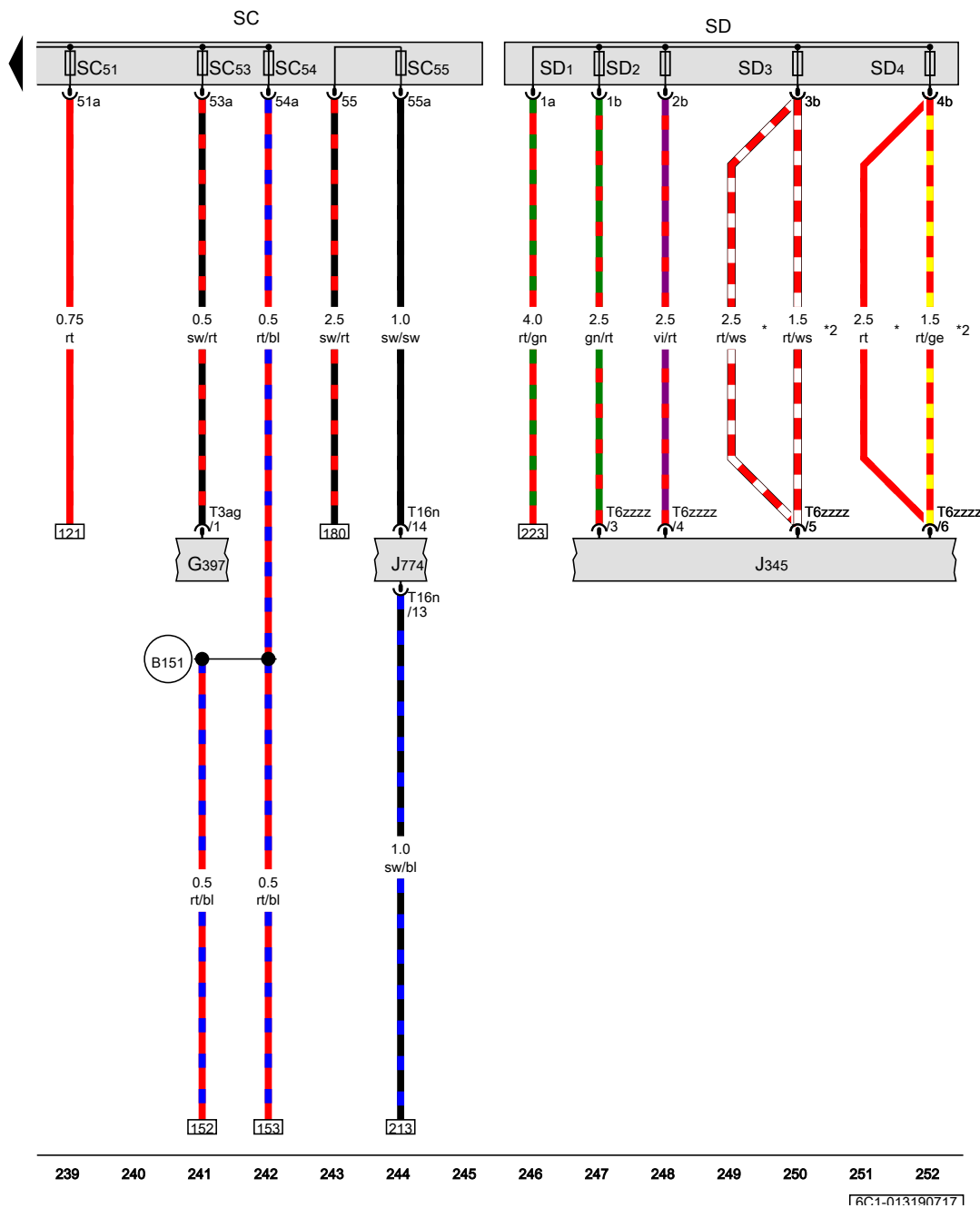


Fuse holder C

- J387 Front passenger door control unit
- J389 Rear right door control unit
- J794 Control unit 1 for information electronics
- R189 Reversing camera
- SC Fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T4j 4-pin connector
- T16k 16-pin connector
- T16l 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- TTTHR Coupling point for rear right door
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- * For left-hand drive models
- *2 see applicable current flow diagram for radio/navigation system
- *3 For right-hand drive models
- *4 For models with battery in luggage compartment
- *5 see applicable current flow diagram for engine

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

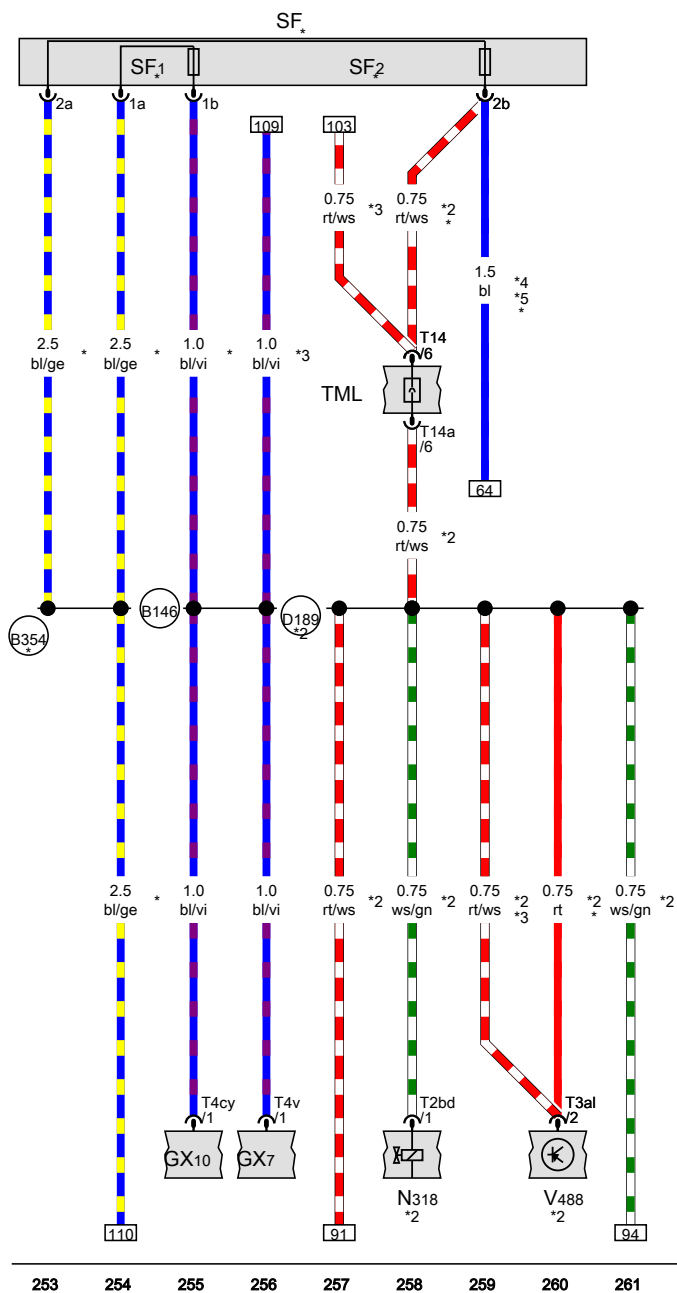
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Fuse holder C, Fuse holder D

- G397 Rain and light sensor
- J345 Trailer detector control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- T3ag 3-pin connector
- T6zzzz 6-pin connector
- T16n 16-pin connector
- B151 Positive connection 3 (30a), in interior wiring harness
- * gradual introduction
- *2 Gradually discontinued

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 vi = purple
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Fuse holder F

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- N318 Exhaust camshaft control valve 1
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- SF2 Fuse 2 in fuse holder F
- T2bd 2-pin connector, black
- T3al 3-pin connector, black
- T4cy 4-pin connector
- T4v 4-pin connector
- T14 14-pin connector, black
- T14a 14-pin connector, black
- TML Coupling point in engine compartment, left
- V488 Auxiliary pump for heating

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

B354 Positive connection 5 (87a) in main wiring harness

D189 Connection (87a) in engine prewiring harness

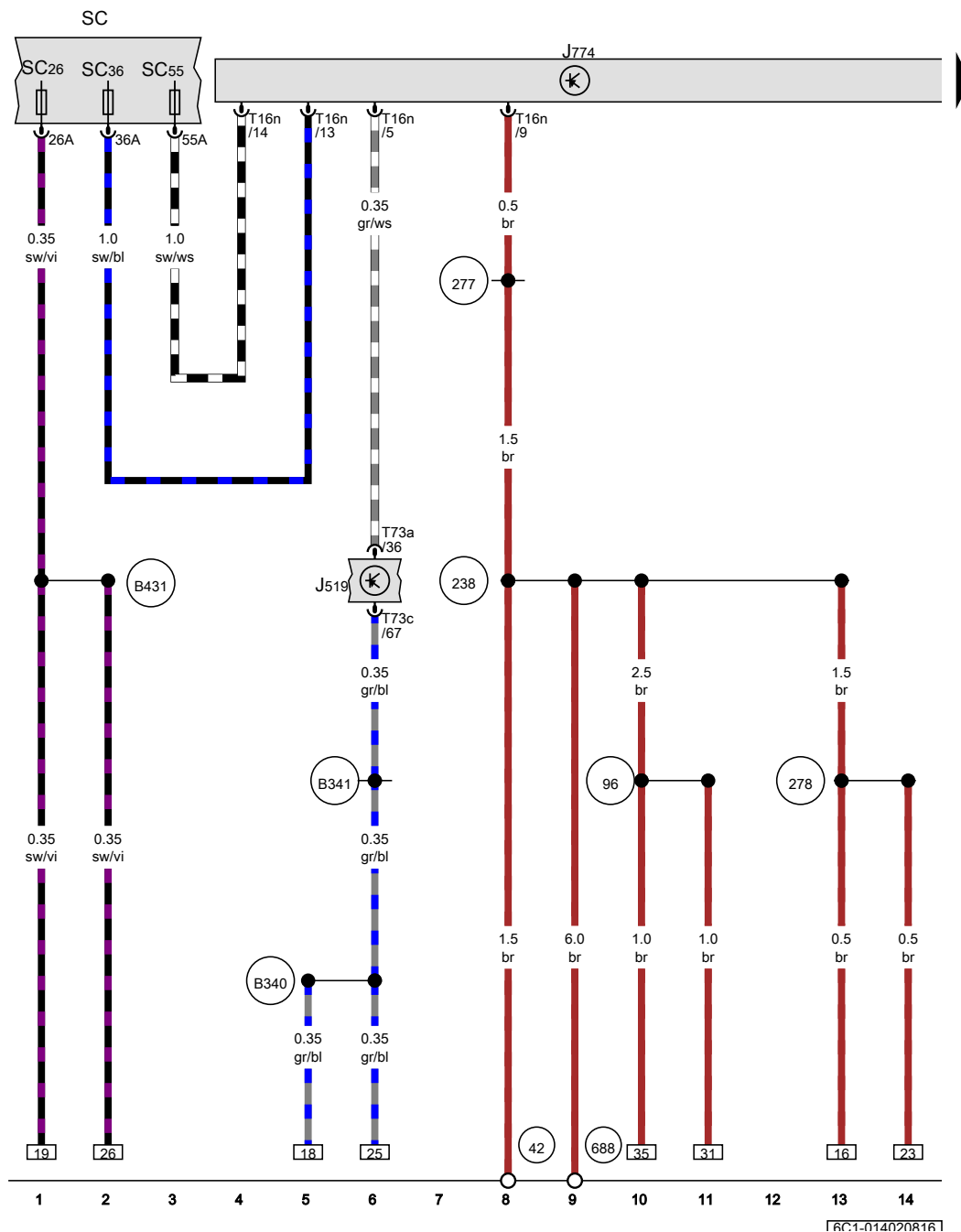
- * Up to May 2016
- *2 For models with battery in luggage compartment
- *3 From May 2016
- *4 For models with Euro 6 emission standard
- *5 For models with equipment for Japan

- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink

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Seat heating , (4A3)

From January 2014



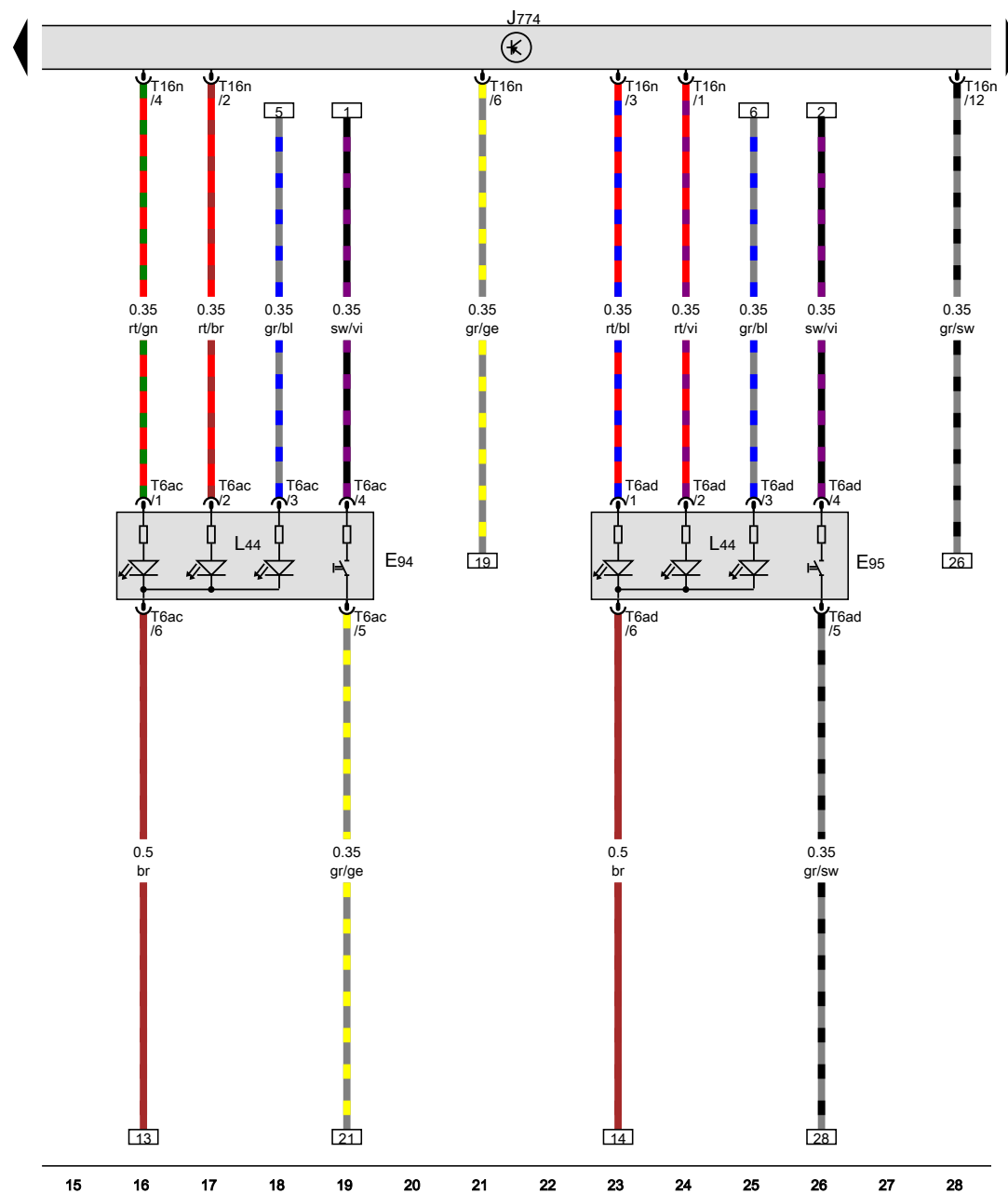
Onboard supply control unit, Heated front seats control unit, Fuse holder C

- J519 Onboard supply control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T16n 16-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 42 Earth point, next to steering column
- 96 Earth connection 1, in seat heating wiring harness
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B431 Connection (seat heating), in main wiring harness

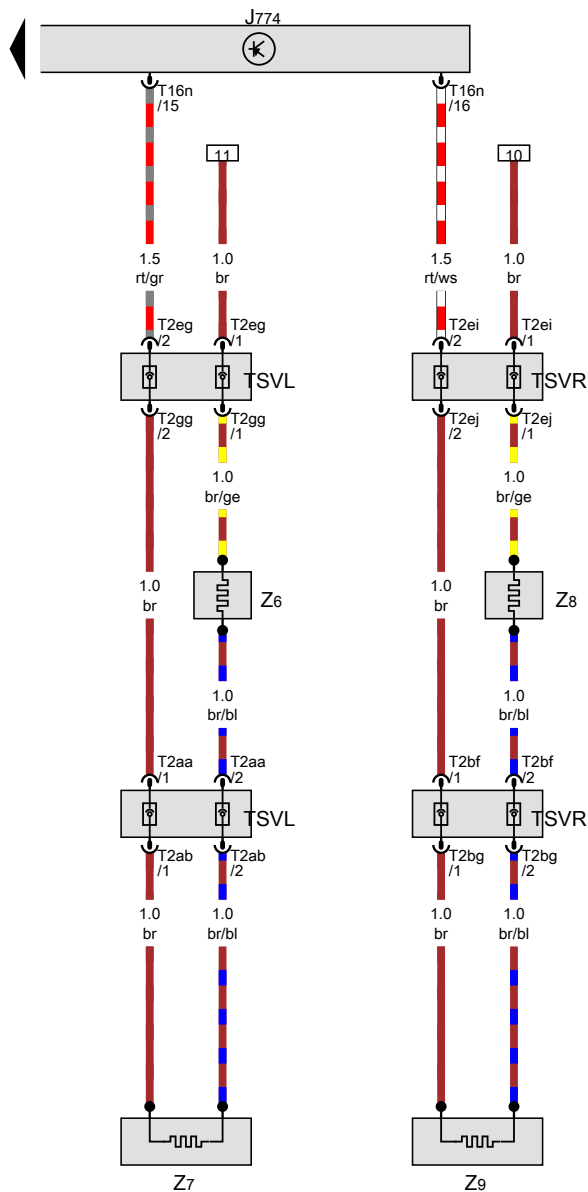
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 sw = black
 ro = red
 rt = red
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 bl = blue
 gr = grey
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Heated driver seat regulator, Heated front passenger seat regulator, Heated front seats control unit

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- J774 Heated front seats control unit
- L44 Seat heating switch illumination bulb
- T6ac 6-pin connector, black
- T6ad 6-pin connector, black
- T16n 16-pin connector, black



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- gn = green
- bl = blue
- gr = grey
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- vi = purple
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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

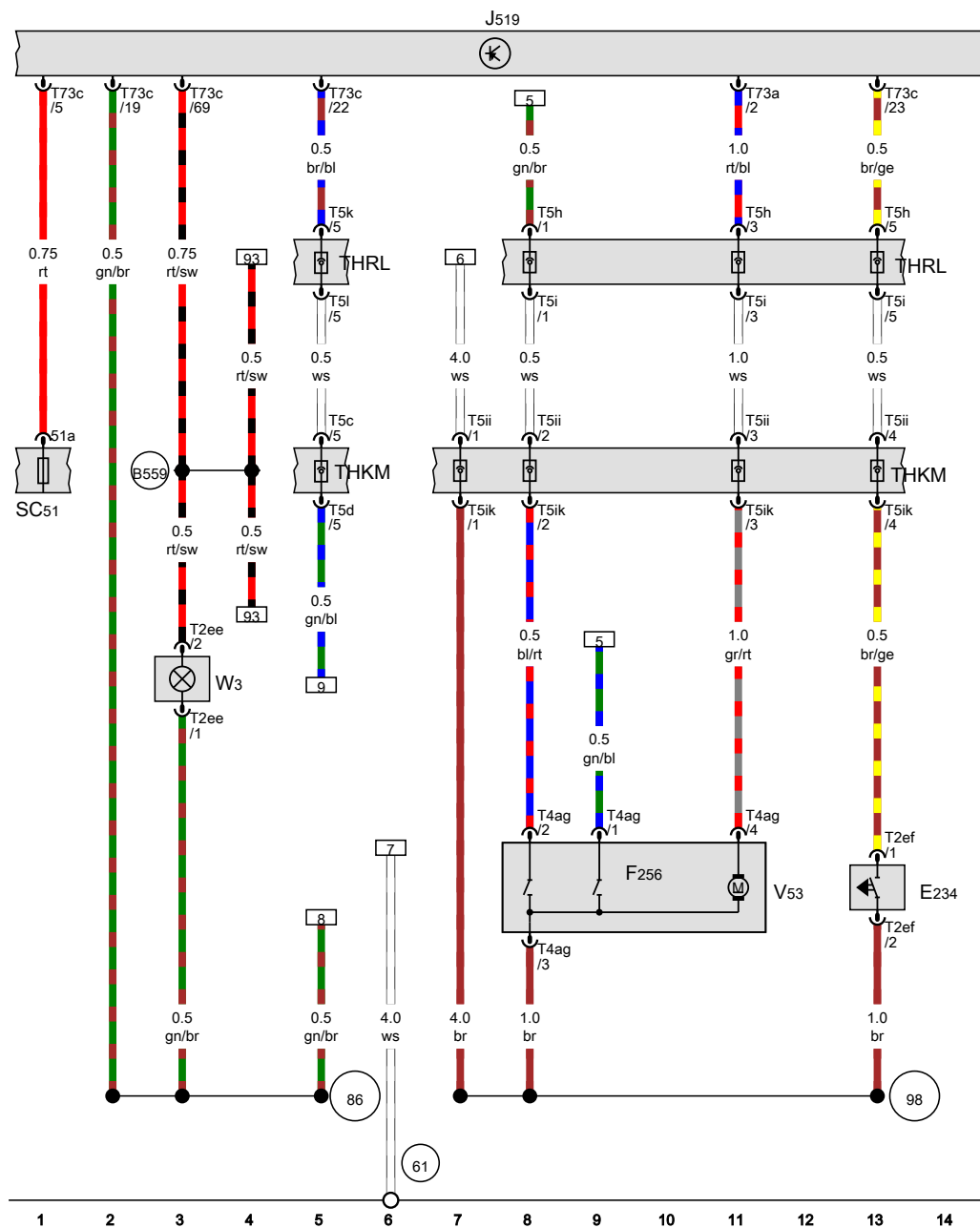
- J774 Heated front seats control unit
- T2aa 2-pin connector, black
- T2ab 2-pin connector, black
- T2bf 2-pin connector, black
- T2bg 2-pin connector, black
- T2eg 2-pin connector, black
- T2ei 2-pin connector, black
- T2ej 2-pin connector, black
- T2gg 2-pin connector, black
- T16n 16-pin connector, black
- TSVL Coupling point for front left seat
- TSVR Coupling point for front right seat
- 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

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Convenience system , (L0L)

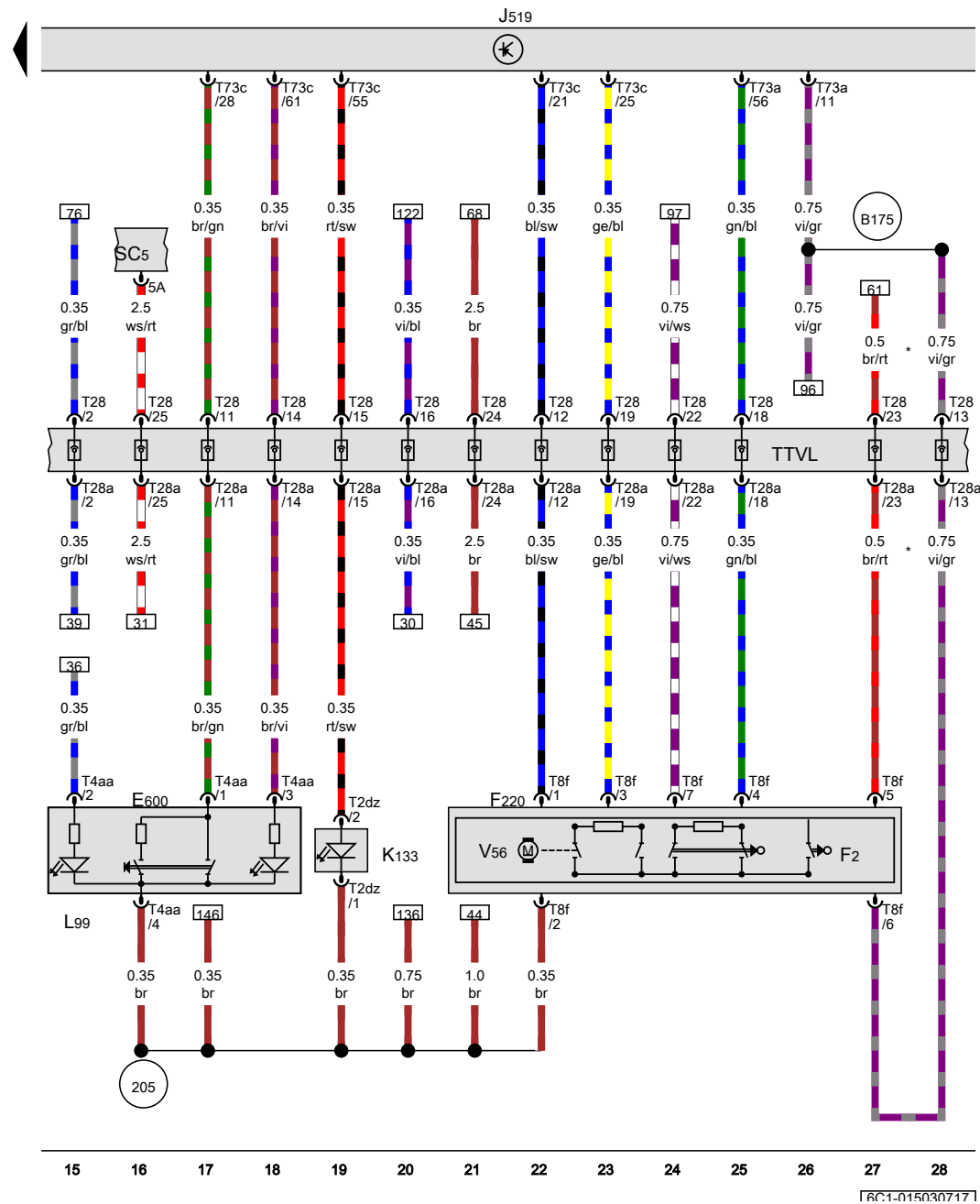
From January 2014

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear lid central locking motor, Luggage compartment light



- E234 Rear lid handle release button
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- SC51 Fuse 51 on fuse holder C
- T2ee 2-pin connector
- T2ef 2-pin connector, black
- T4ag 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T5h 5-pin connector, black
- T5i 5-pin connector, black
- T5ii 5-pin connector, brown
- T5ik 5-pin connector, brown
- T5k 5-pin connector, brown
- T5l 5-pin connector, brown
- T73a 73-pin connector
- T73c 73-pin connector
- THKM Coupling point on rear lid, centre
- THRL Coupling point in luggage compartment, left
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- 61 Earth point, left C-pillar
- 86 Earth connection 1, in rear wiring harness
- 98 Earth connection, in rear lid wiring harness
- B559 Positive connection 1 (30g), in main wiring harness

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

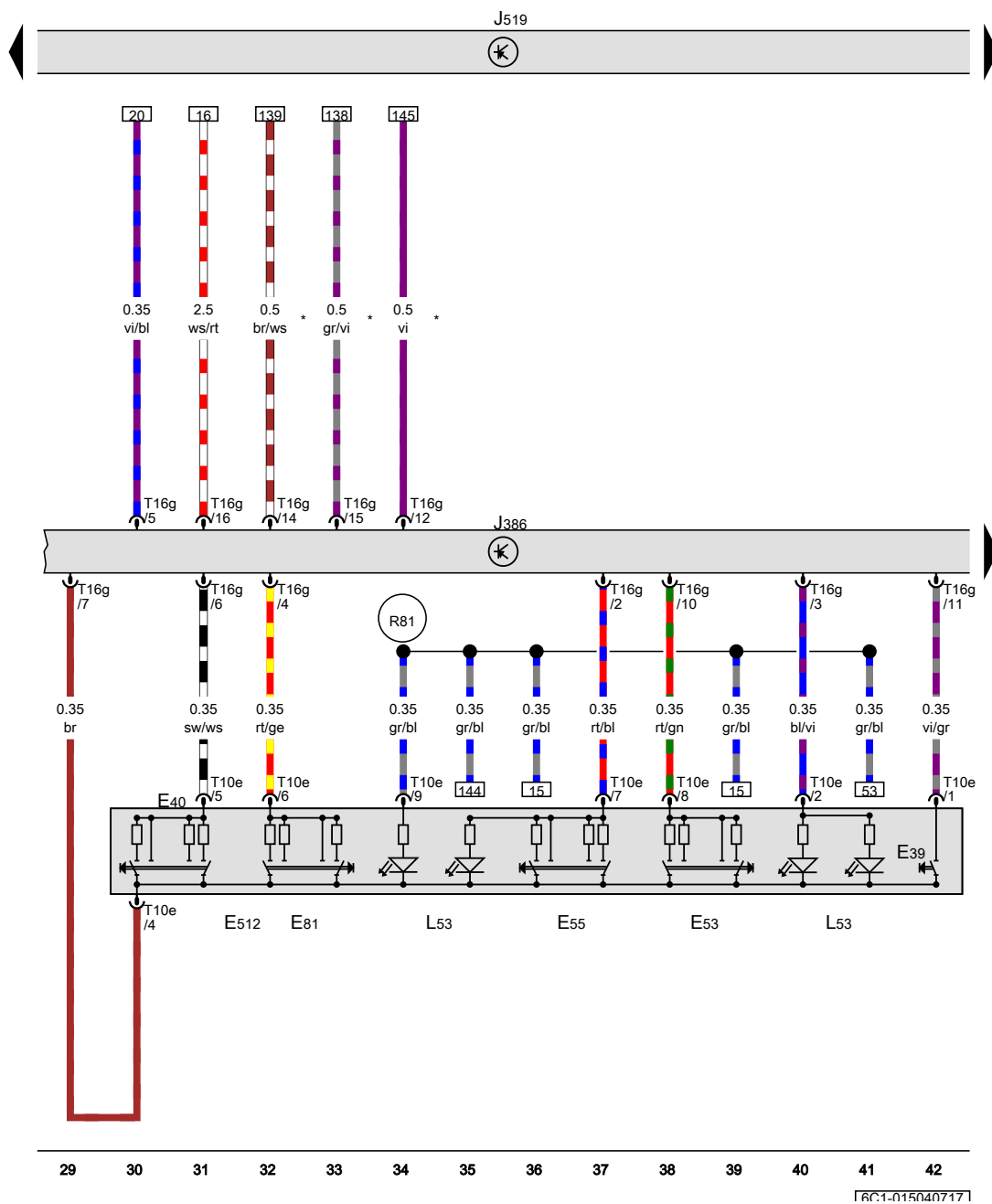


Central locking button, Driver side central locking lock unit,
Onboard supply control unit, Central locking SAFELOCK
function warning lamp

- | | |
|------|--|
| E600 | Central locking button |
| F2 | Driver door contact switch |
| F220 | Driver side central locking lock unit |
| J519 | Onboard supply control unit |
| K133 | Central locking SAFELOCK function warning lamp |
| L99 | Interior lock switch illumination bulb |
| SC5 | Fuse 5 on fuse holder C |
| T2dz | 2-pin connector |
| T4aa | 4-pin connector |
| T8f | 8-pin connector |
| T28 | 28-pin connector |
| T28a | 28-pin connector |
| T73a | 73-pin connector |
| T73c | 73-pin connector |
| TTVL | Coupling point for front left door |
| V56 | Driver door central locking motor |
| 205 | Earth connection, in driver door wiring harness |
| B175 | Connection (central locking), in interior wiring harness |
| * | For models with SAFELOCK function |

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li = purple
vi = purple
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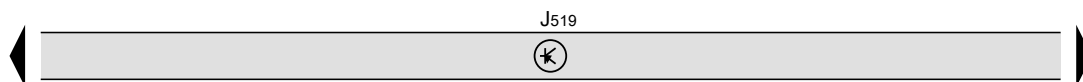
Operating unit for window regulator in driver door, Driver door control unit, Onboard supply control unit



- E39 Rear window regulator isolation switch
- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- T10e 10-pin connector
- T16g 16-pin connector

R81 Connection 1 (58d), in driver side door wiring harness

* According to equipment

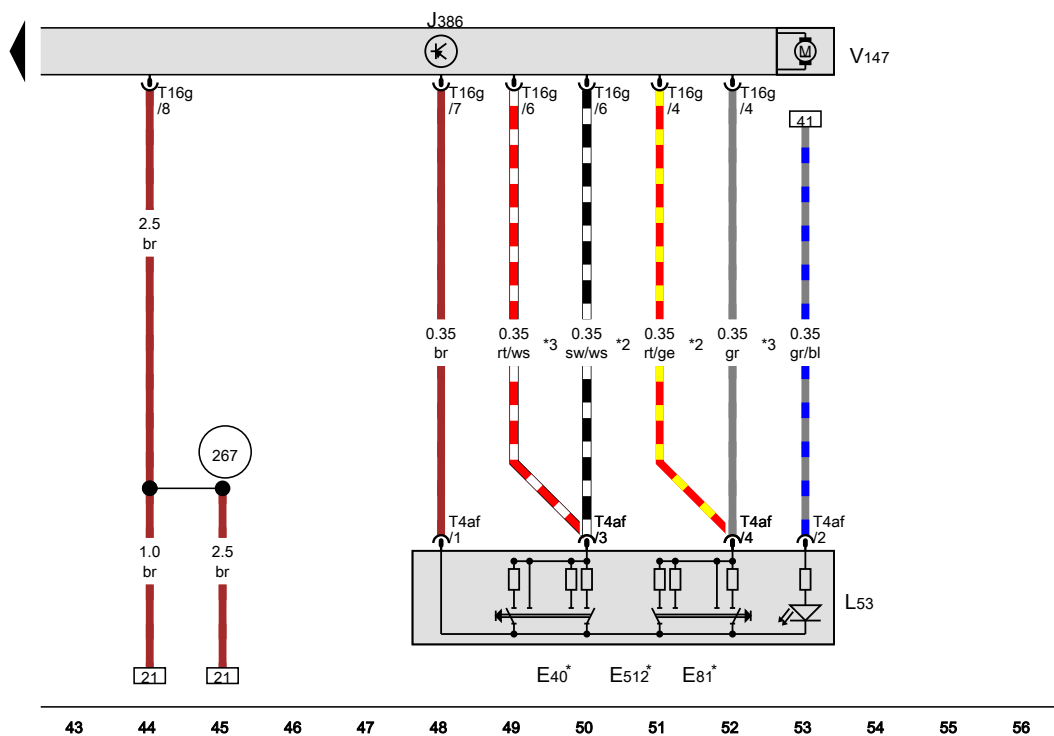


Front left window regulator switch, Front right window regulator switch in driver door, Operating unit for window regulator in driver door, Driver door control unit, Onboard supply control unit, Driver side window regulator motor

- E40 Front left window regulator switch
- E81 Front right window regulator switch in driver door
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- T4af 4-pin connector
- T16g 16-pin connector
- V147 Driver side window regulator motor

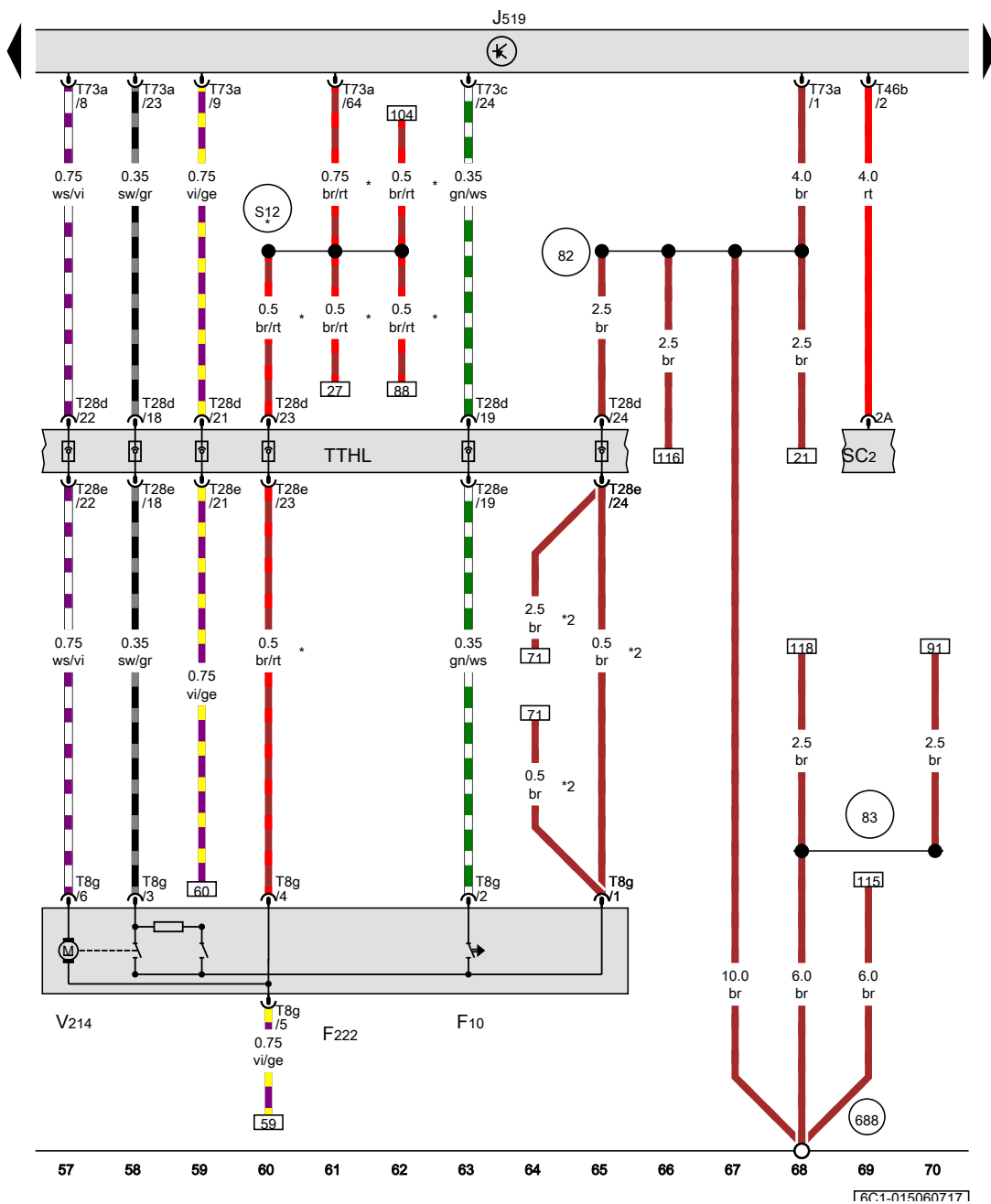
267 Earth connection 2, in drive side door wiring harness

- * For models with central locking and manually operated rear windows
- *2 For models with 4 doors
- *3 For models with 2 doors



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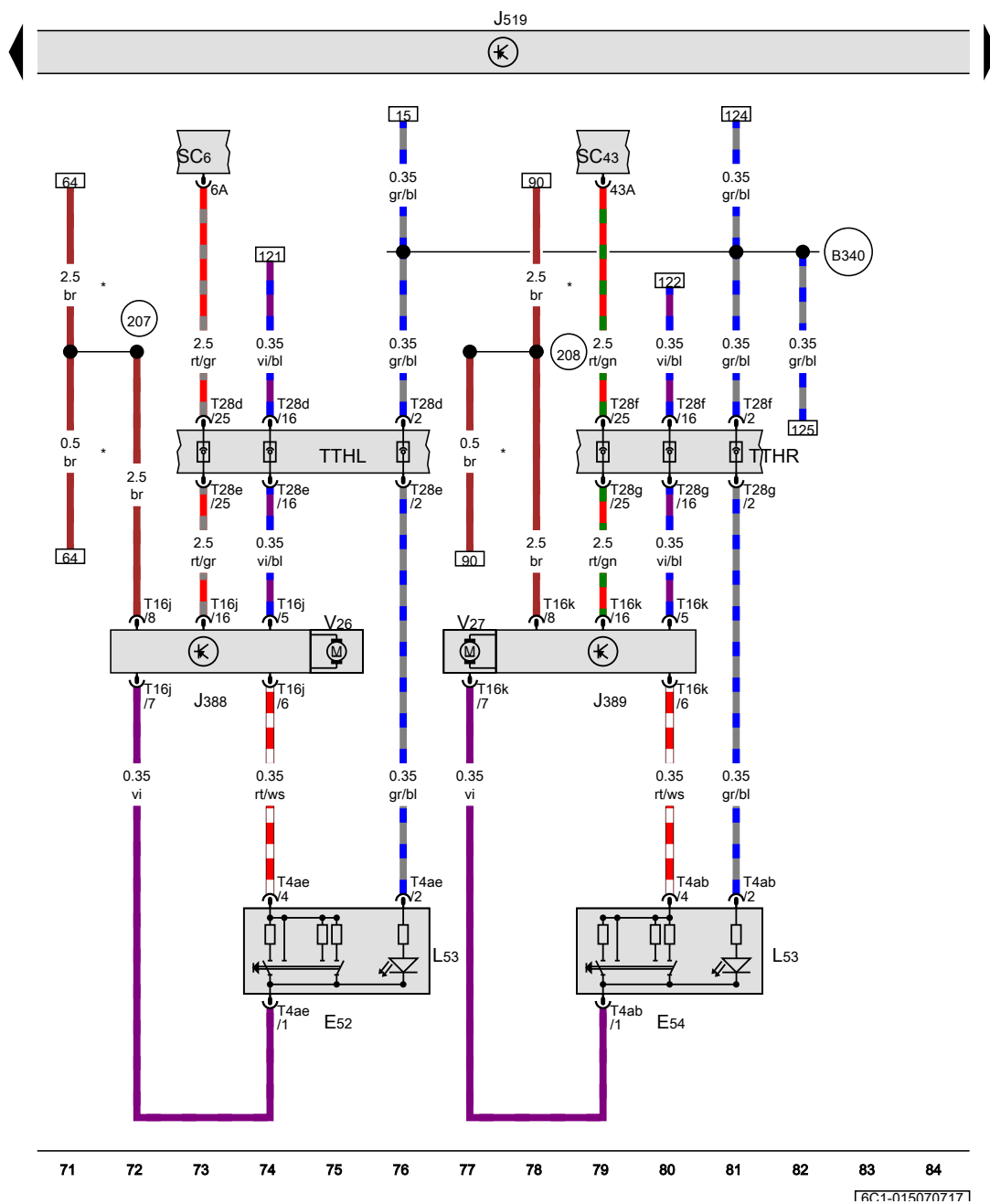


Rear left door contact switch, Rear left central locking lock unit, Onboard supply control unit, Rear left door central locking motor, lock

- F10 Rear left door contact switch
- F222 Rear left central locking lock unit
- J519 Onboard supply control unit
- SC2 Fuse 2 on fuse holder C
- T8g 8-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTHL Coupling point for rear left door
- V214 Rear left door central locking motor, lock

- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 688 Earth point 2, on centre tunnel
- S12 Connection (SAFE 1), in central locking wiring harness
- * For models with SAFELOCK function
- *2 According to equipment

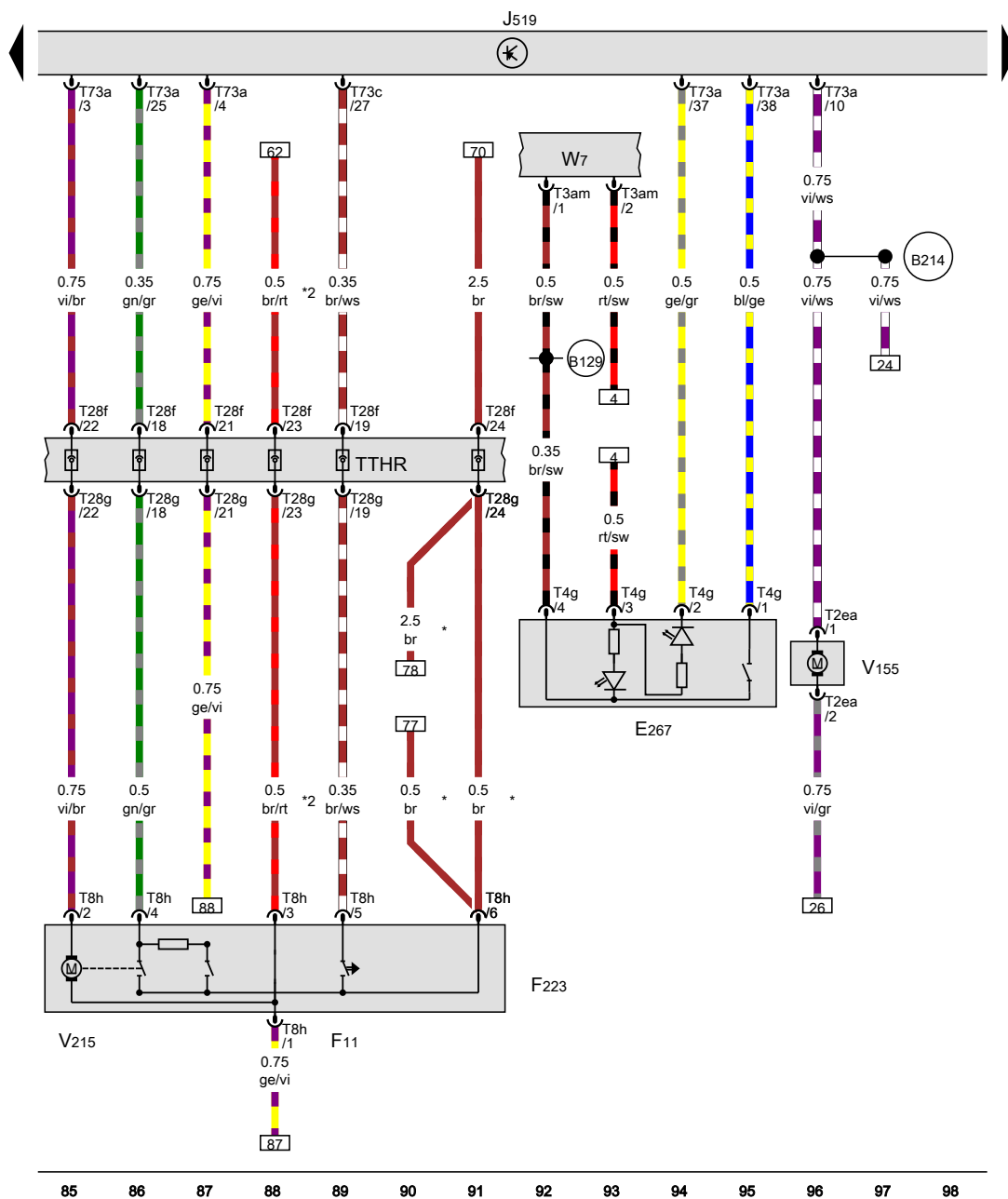
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Rear left window regulator switch, in door, Rear right window regulator switch, in door, Rear left door control unit, Rear right door control unit, Onboard supply control unit, Rear left window regulator motor, Rear right window regulator motor

- | | |
|------|---|
| E52 | Rear left window regulator switch, in door |
| E54 | Rear right window regulator switch, in door |
| J388 | Rear left door control unit |
| J389 | Rear right door control unit |
| J519 | Onboard supply control unit |
| L53 | Window regulator switch illumination bulb |
| SC6 | Fuse 6 on fuse holder C |
| SC43 | Fuse 43 on fuse holder C |
| T4ab | 4-pin connector |
| T4ae | 4-pin connector |
| T16j | 16-pin connector |
| T16k | 16-pin connector |
| T28d | 28-pin connector |
| T28e | 28-pin connector |
| T28f | 28-pin connector |
| T28g | 28-pin connector |
| TTHL | Coupling point for rear left door |
| TTHR | Coupling point for rear right door |
| V26 | Rear left window regulator motor |
| V27 | Rear right window regulator motor |
| 207 | Earth connection, in rear left door wiring harness |
| 208 | Earth connection, in rear right door wiring harness |
| B340 | Connection 1 (58d), in main wiring harness |
| * | According to equipment |

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Interior monitoring deactivation switch, Rear right door contact switch, Rear right central locking lock unit, Onboard supply control unit, Tank filler flap locking motor, Rear right door central locking motor, lock, Centre interior light

- E267 Interior monitoring deactivation switch
- F11 Rear right door contact switch
- F223 Rear right central locking lock unit
- J519 Onboard supply control unit
- T2ea 2-pin connector
- T3am 3-pin connector
- T4g 4-pin connector
- T8h 8-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTHR Coupling point for rear right door
- V155 Tank filler flap locking motor
- V215 Rear right door central locking motor, lock
- W7 Centre interior light

B129 Connection (interior light, 31I), in interior wiring harness

B214 Connection 1 (central locking), in interior wiring harness

* According to equipment

*2 For models with SAFELOCK function

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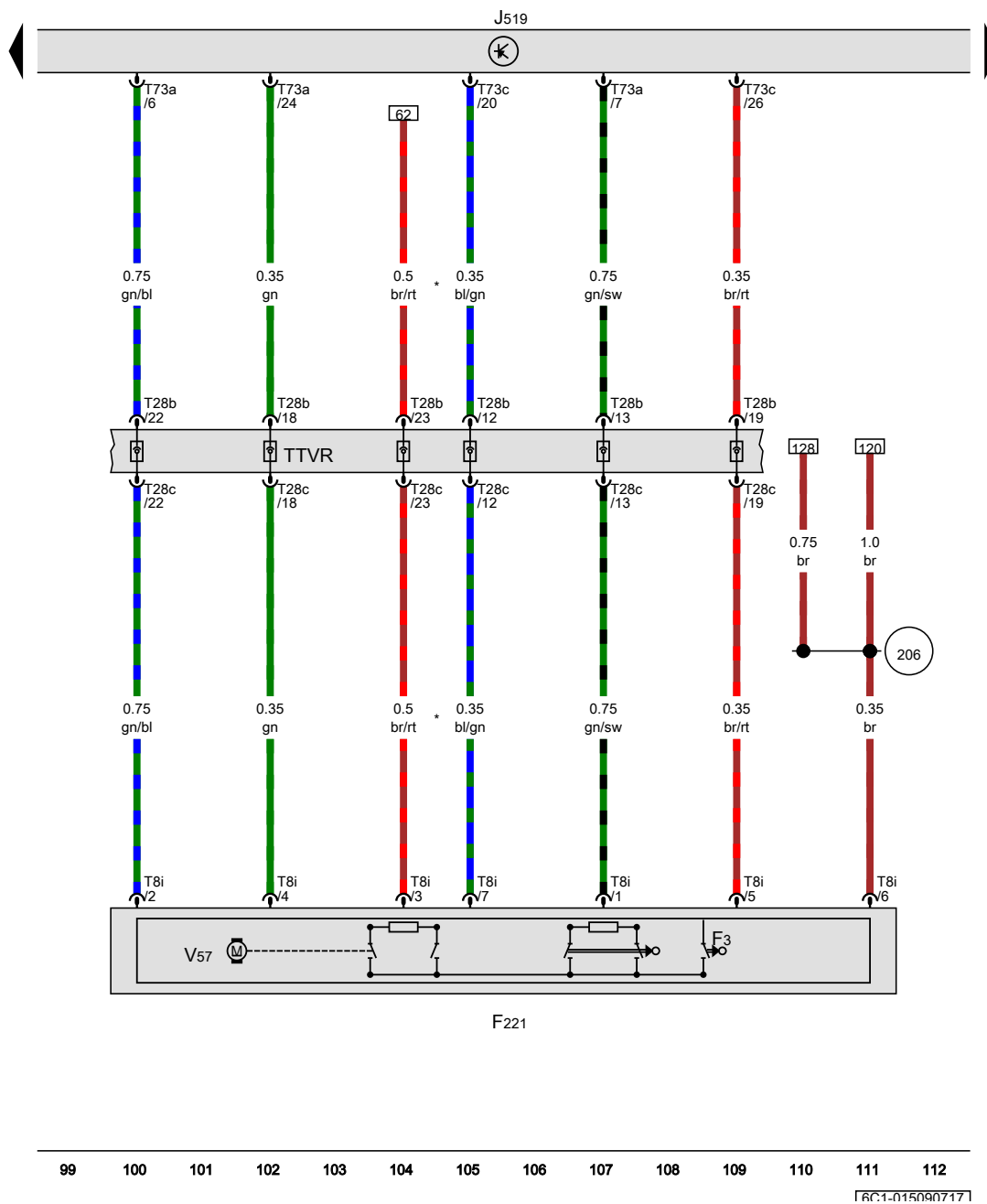
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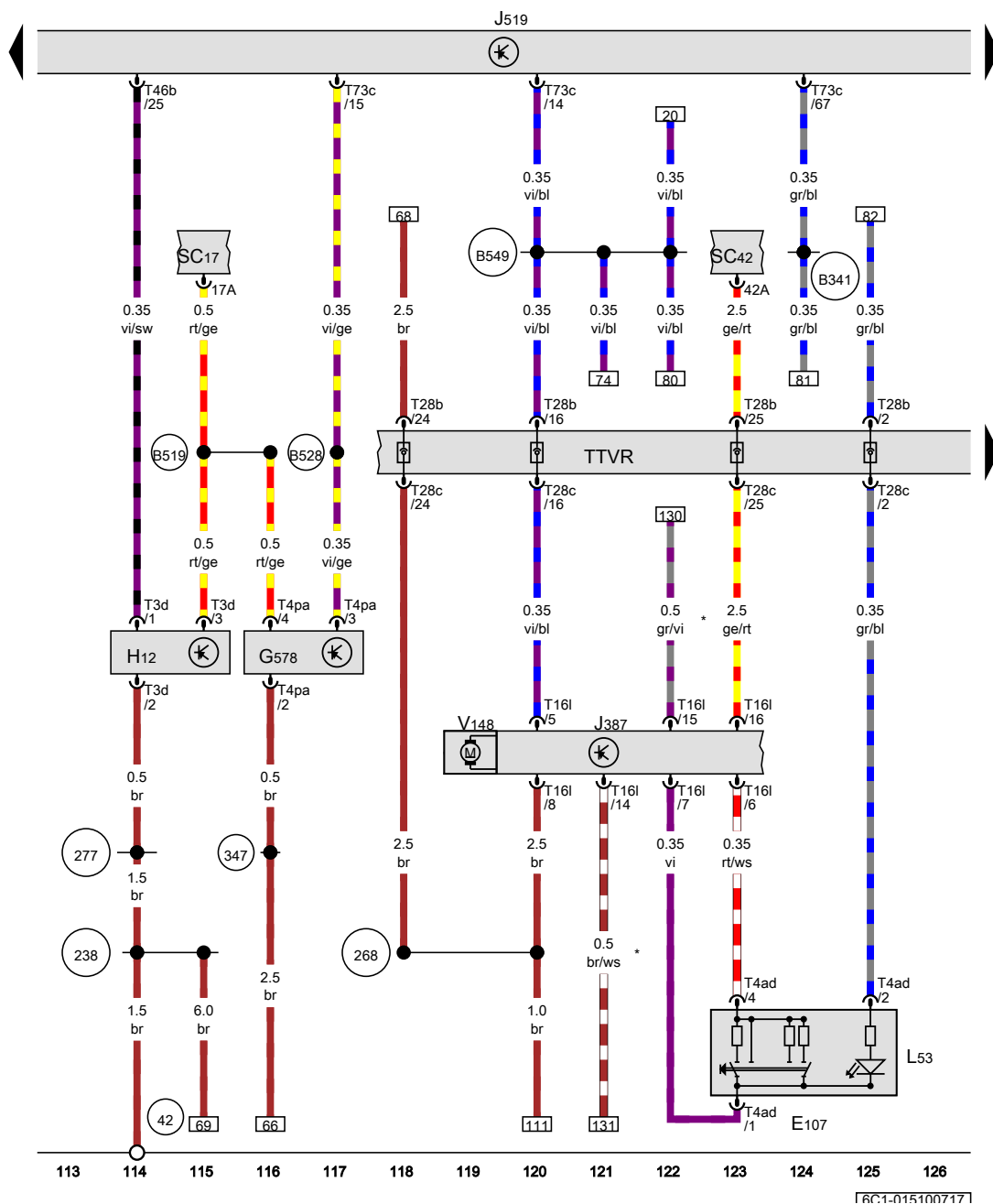
Front passenger side central locking lock unit, Onboard supply control unit

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J519 Onboard supply control unit
- T8i 8-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTVR Coupling point for front right door
- V57 Front passenger door central locking motor

206 Earth connection, in front passenger door wiring harness

* For models with SAFELOCK function





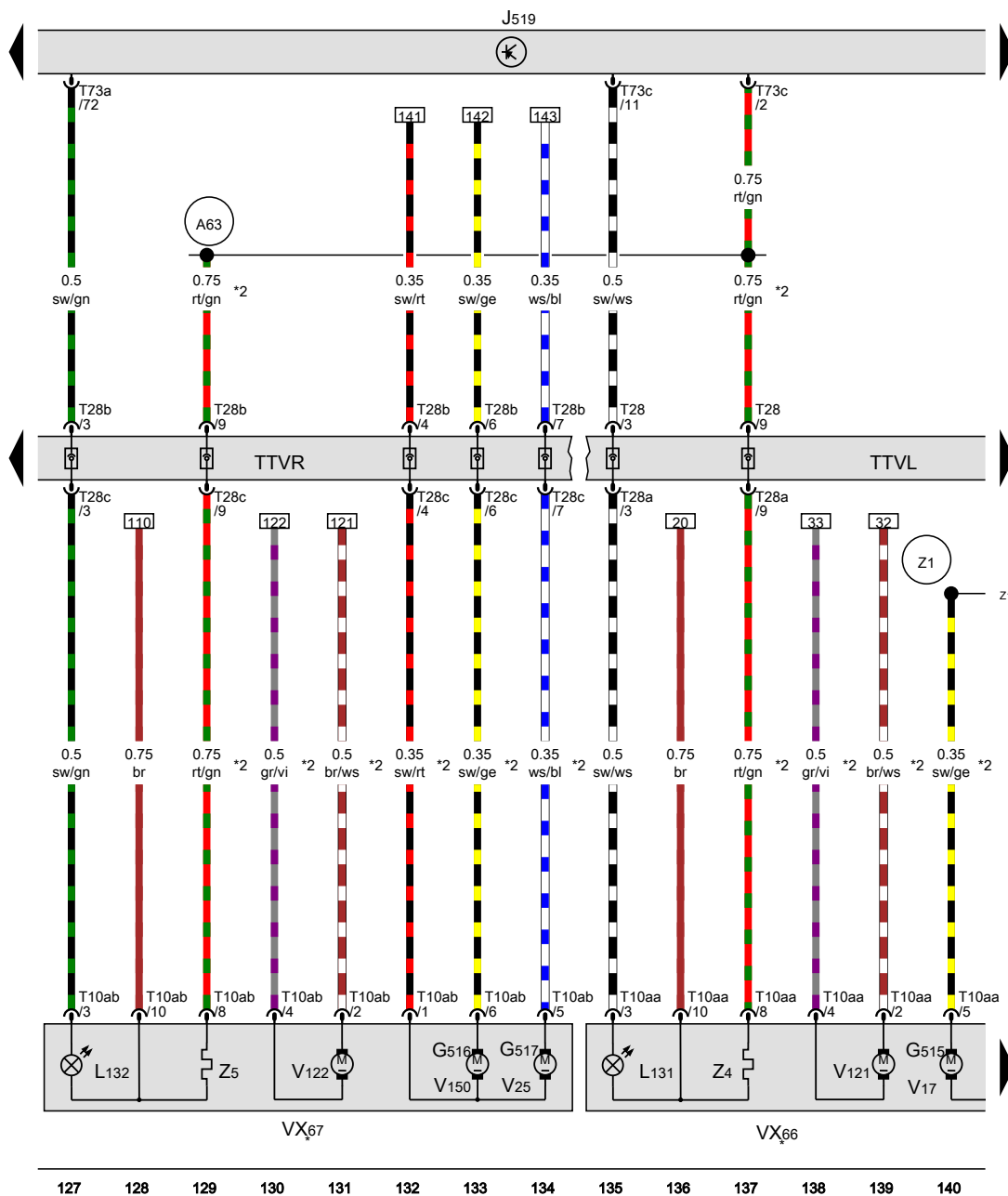
Window regulator switch in front passenger door, Anti-theft alarm sensor, Alarm horn, Front passenger door control unit, Onboard supply control unit, Front passenger side window regulator motor

- E107 Window regulator switch in front passenger door
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- SC17 Fuse 17 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T3d 3-pin connector
- T4ad 4-pin connector
- T4pa 4-pin connector
- T16l 16-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- TTVR Coupling point for front right door
- V148 Front passenger side window regulator motor

- 42 Earth point, next to steering column
- 238 Earth connection 1, in interior wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- 277 Earth connection 3, in interior wiring harness
- 347 Earth connection, in roof wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B519 Connection (30a, CL/ATA/IR), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * According to equipment

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 bl = blue
 gr = grey
 li = purple
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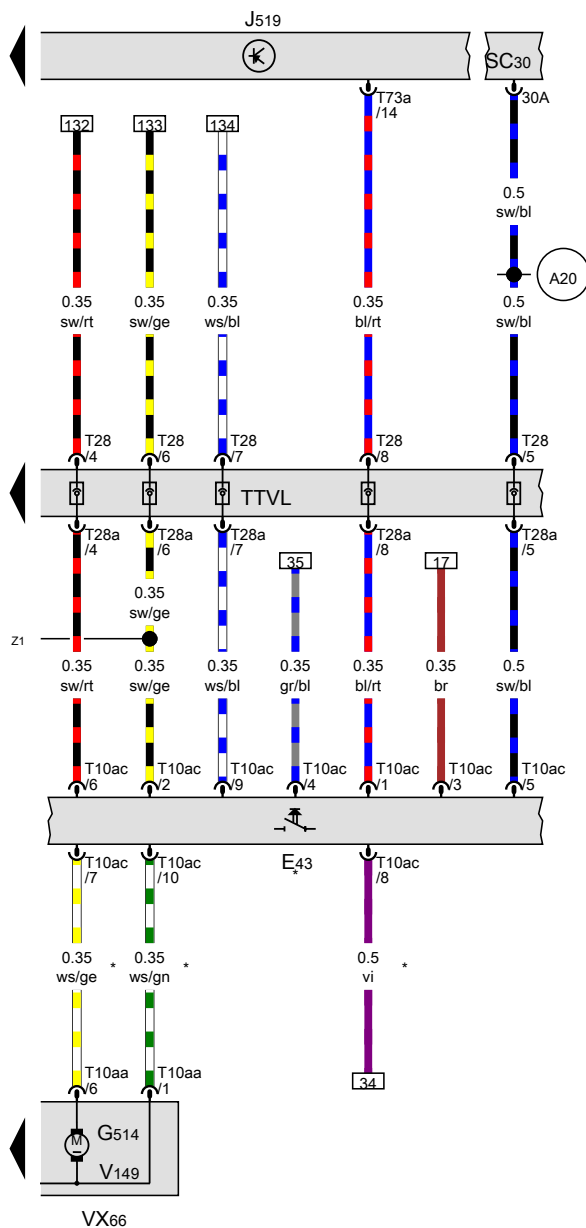
Onboard supply control unit, Left exterior mirror, Right exterior mirror



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- G515 Potentiometer for vertical adjustment of driver side mirror
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T10aa 10-pin connector
- T10ab 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- V17 Driver side mirror adjustment motor 2
- V25 Front passenger side mirror adjustment motor 2
- VX66 Left exterior mirror
- VX67 Right exterior mirror
- V121 Driver side fold-in mirror motor
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- Z5 Heated exterior mirror on passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness
- * Pre-wired component
- *2 According to equipment

Onboard supply control unit, Left exterior mirror



- E43 Mirror adjustment switch
- G514 Potentiometer for horizontal adjustment of driver side mirror
- J519 Onboard supply control unit
- SC30 Fuse 30 on fuse holder C
- T10aa 10-pin connector
- T10ac 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T73a 73-pin connector
- TTVL Coupling point for front left door
- VX66 Left exterior mirror
- V149 Driver side mirror adjustment motor

A20 Positive connection (15a), in dash panel wiring harness

Z1 Connection 1, in mirror adjustment/heating wiring harness

* According to equipment

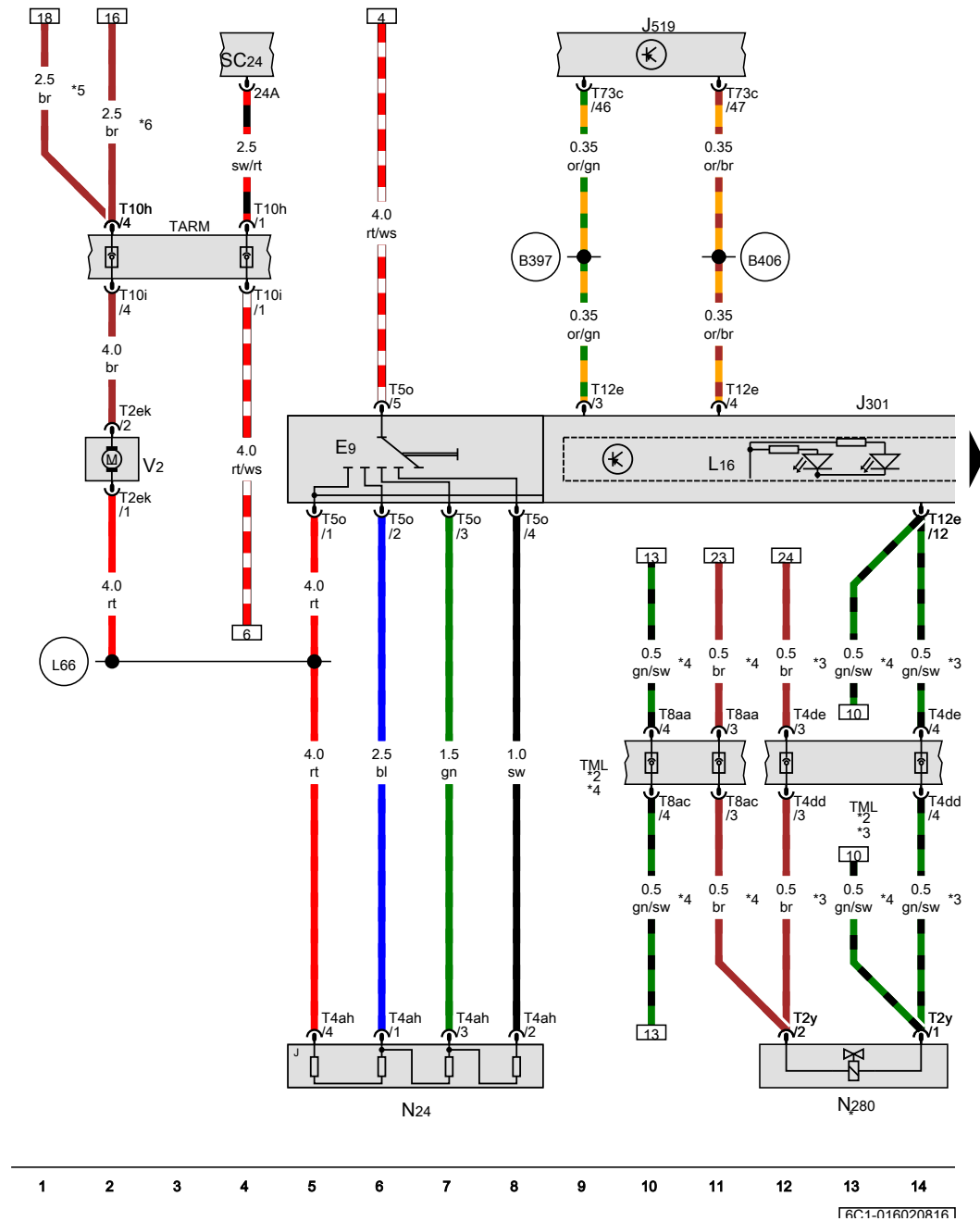
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141 142 143 144 145 146 147 148 149 150 151 152 153 154

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Air conditioning system , (9AB)

From January 2014

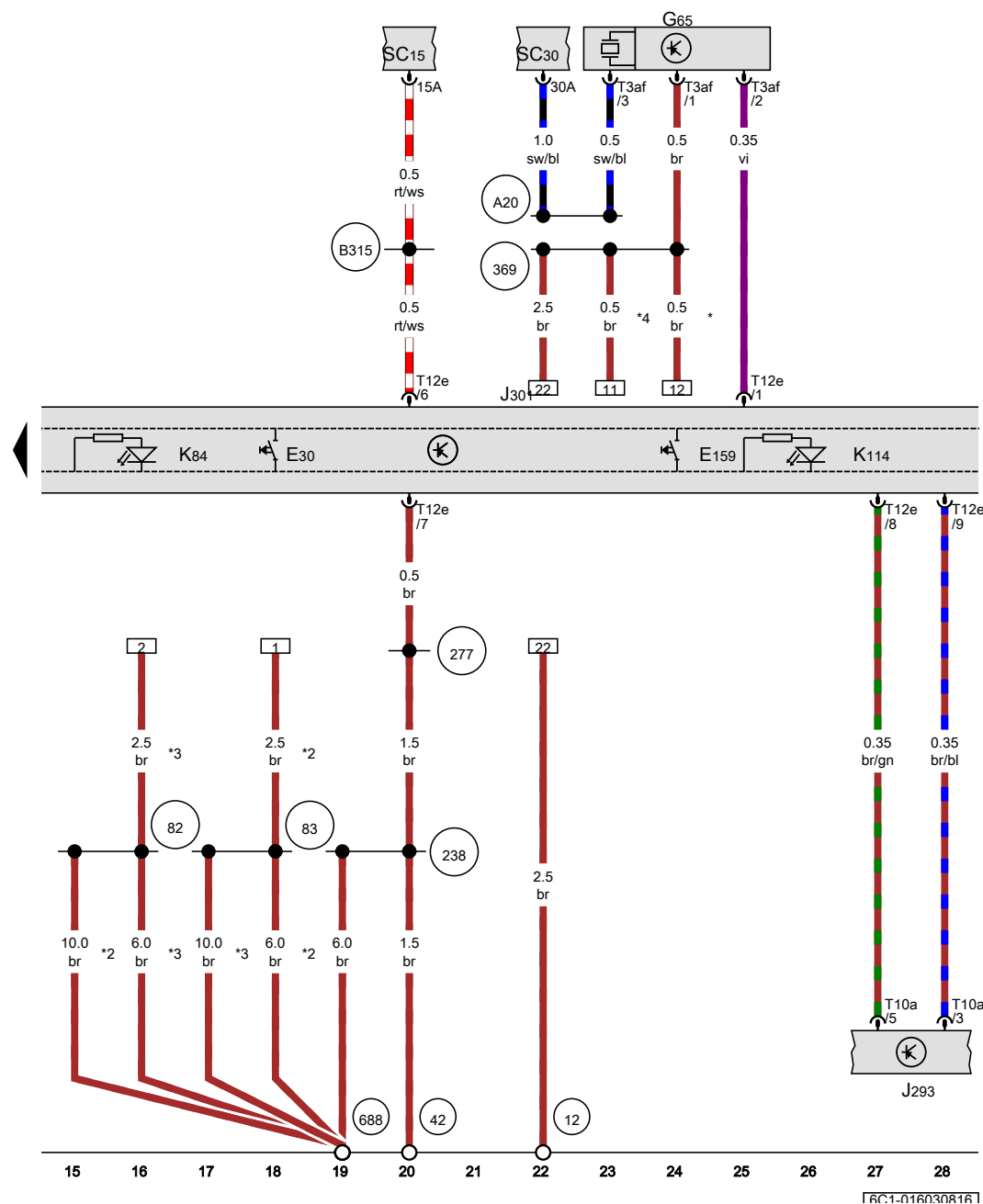


Fresh air blower switch, Air conditioning system control unit, Onboard supply control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- | | |
|------|--|
| E9 | Fresh air blower switch |
| J301 | Air conditioning system control unit |
| J519 | Onboard supply control unit |
| L16 | Fresh air regulator illumination bulb |
| N24 | Fresh air blower series resistor with overheating fuse |
| N280 | Air conditioner compressor regulating valve |
| SC24 | Fuse 24 on fuse holder C |
| T2ek | 2-pin connector |
| T2y | 2-pin connector, black |
| T4ah | 4-pin connector |
| T4dd | 4-pin connector, black |
| T4de | 4-pin connector, black |
| T5o | 5-pin connector |
| T8aa | 8-pin connector, black |
| T8ac | 8-pin connector, black |
| T10h | 10-pin connector |
| T10i | 10-pin connector |
| T12e | 12-pin connector |
| T73c | 73-pin connector |
| TARM | Coupling point on right A-pillar, middle |
| TML | Coupling point in engine compartment, left, near starter |
| V2 | Fresh air blower |
| B397 | Connection 1 (convenience CAN bus, high), in main wiring harness |
| B406 | Connection 1 (convenience CAN bus, low), in main wiring harness |
| L66 | Connection, in heater blower wiring harness |
| * | Pre-wired component |
| *2 | Connector colour depends on market |
| *3 | Only models with manual gearbox |
| *4 | Only models with automatic gearbox |
| *5 | Only left-hand drive models |
| *6 | 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

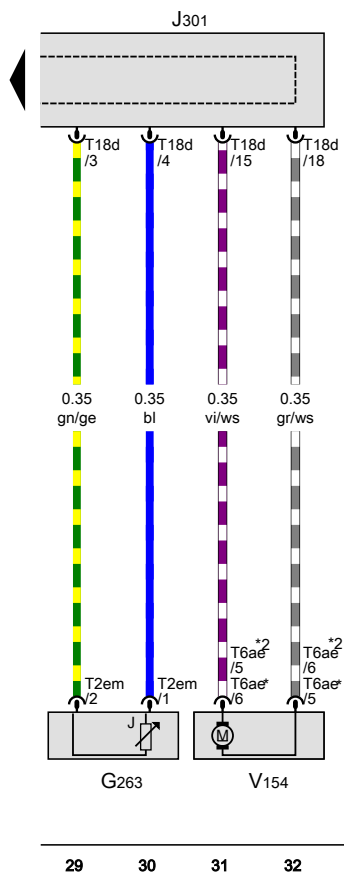
High-pressure sender, Air conditioning system control unit



- E30 Air conditioning system switch
- E159 Fresh air and air recirculation flap switch
- G65 High-pressure sender
- J293 Radiator fan control unit
- J301 Air conditioning system control unit
- K84 Air conditioning system warning lamp
- K114 Fresh air and air recirculation warning lamp
- SC15 Fuse 15 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T3af 3-pin connector
- T10a 10-pin connector
- T12e 12-pin connector
- 12 Earth point, on left in engine compartment
- 42 Earth point, next to steering column
- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 369 Earth connection 4, in main wiring harness
- 688 Earth point 2, on centre tunnel
- A20 Positive connection (15a), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- * Only models with manual gearbox
- *2 Only left-hand drive models
- *3 Only right-hand drive models
- *4 Only models with automatic gearbox

Evaporator output temperature sender, Air conditioning system control unit, Fresh air and air recirculation flap control motor

- G263 Evaporator output temperature sender
- J301 Air conditioning system control unit
- T2em 2-pin connector
- T6ae 6-pin connector
- T18d 18-pin connector
- V154 Fresh air and air recirculation flap control motor
- * Only right-hand drive models
- *2 Only left-hand drive models

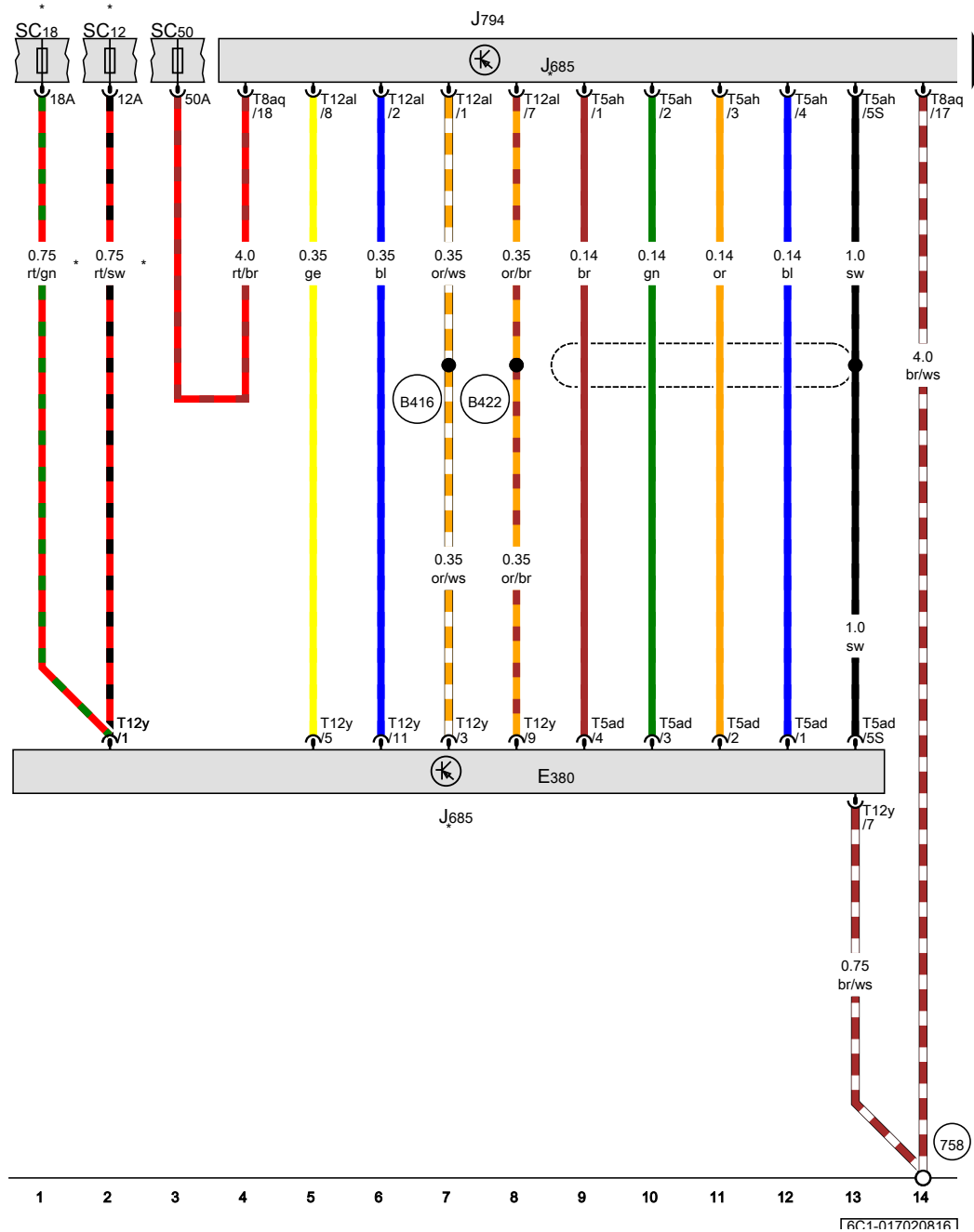


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Radio navigation system

From January 2014

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

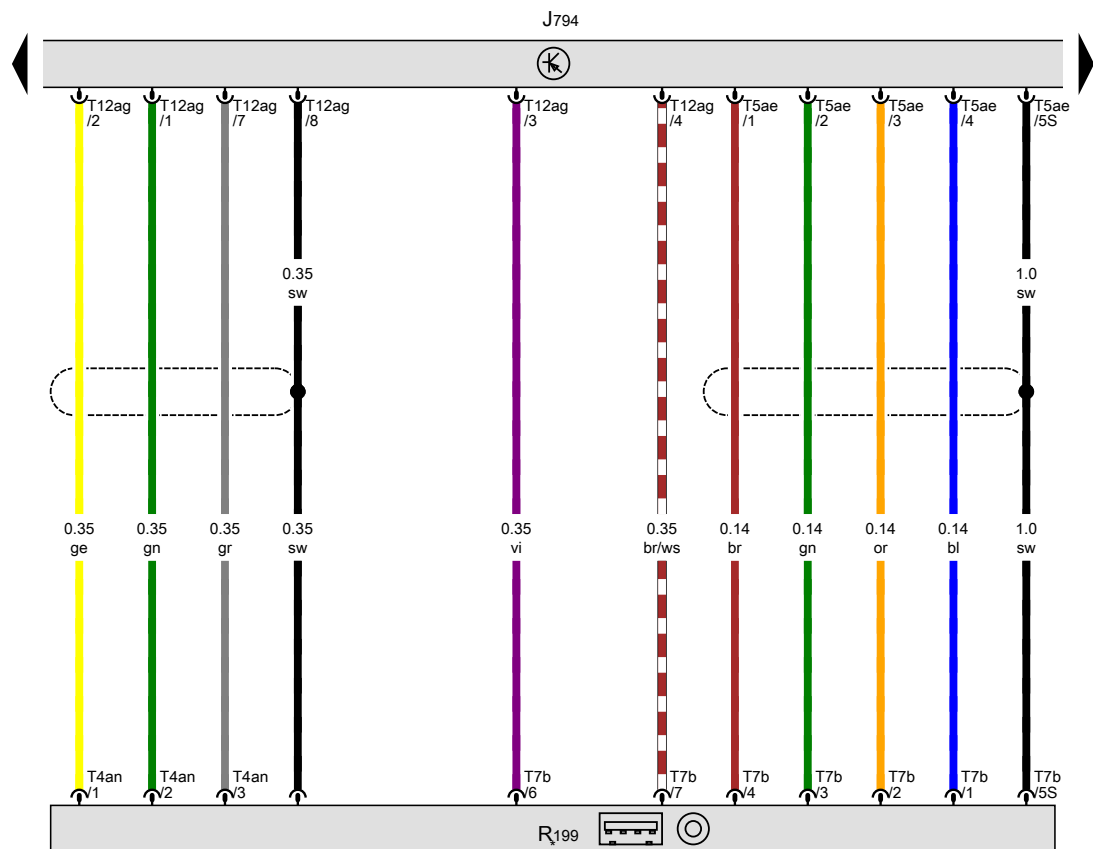


- E380 Multimedia system operating unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- SC12 Fuse 12 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T5ad 5-pin connector
- T5ah 5-pin connector, grey
- T8aq 8-pin connector, black
- T12al 12-pin connector, grey
- T12y 12-pin connector

- 758 Earth point 3, on centre tunnel
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- * According to equipment

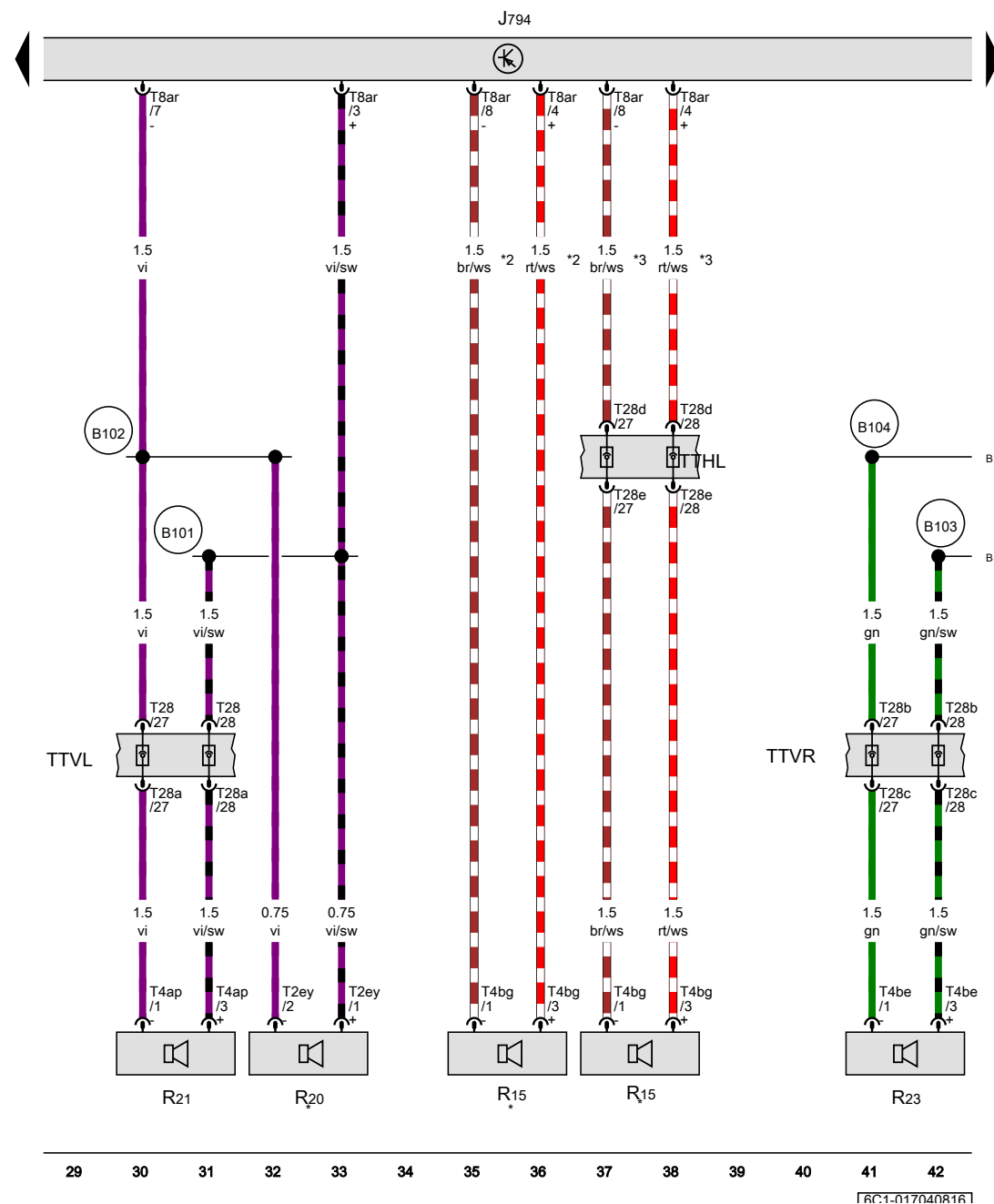
Control unit 1 for information electronics, Connection for external audio sources

- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T4an 4-pin connector
- T5ae 5-pin connector, yellow
- T7b 7-pin connector
- T12ag 12-pin connector, green
- * According to equipment



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

16C1-0170308161



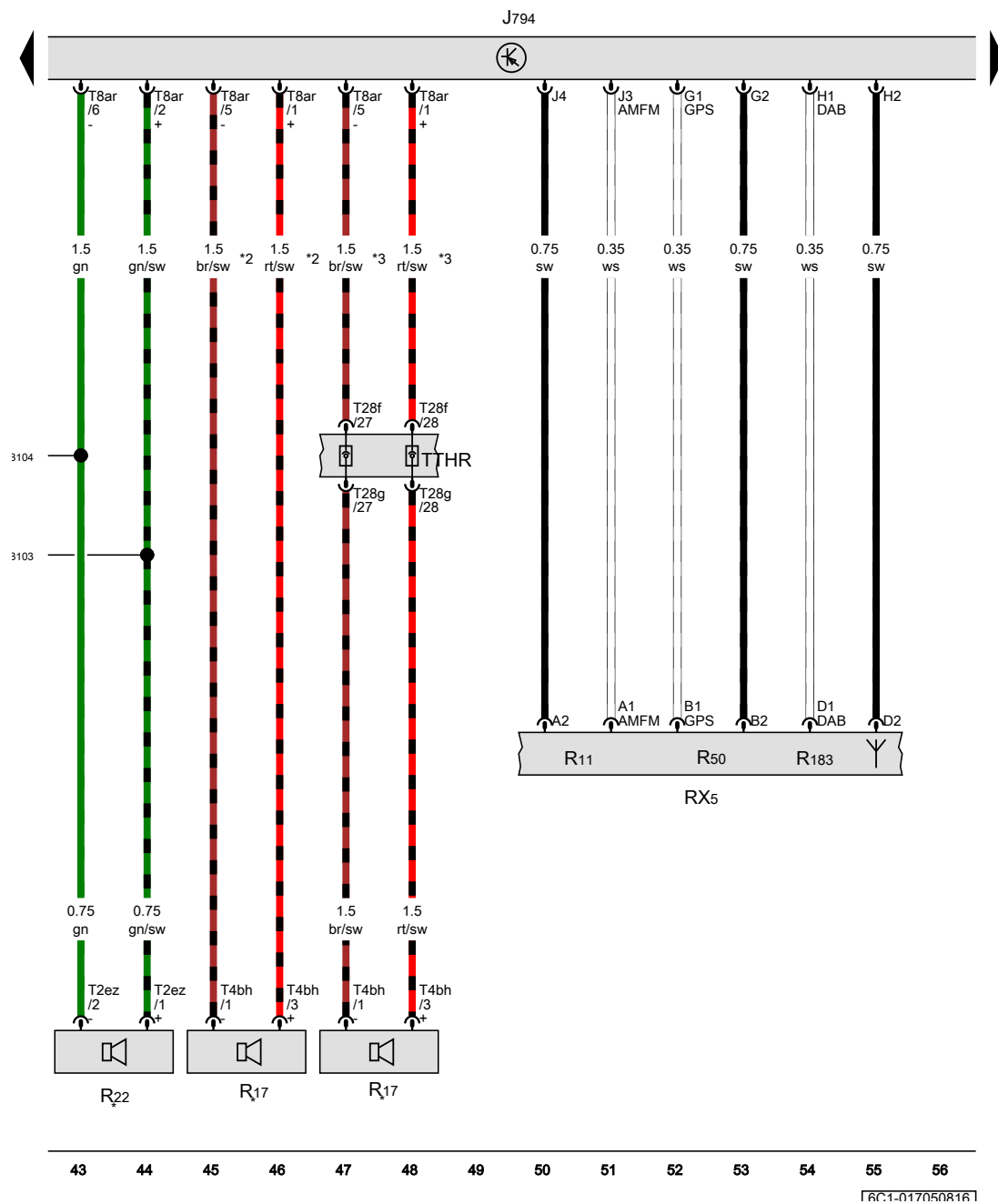
Control unit 1 for information electronics, Rear left bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right bass loudspeaker

- J794 Control unit 1 for information electronics
- R15 Rear left bass loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- T2ey 2-pin connector
- T4ap 4-pin connector
- T4be 4-pin connector
- T4bg 4-pin connector
- T8ar 8-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- TTHL Coupling point for rear left door
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door

- B101 Connection (positive, front left speaker), in main wiring harness
- B102 Connection (negative, front left speaker), in main wiring harness
- B103 Connection (positive, front right speaker), in main wiring harness
- B104 Connection (negative, front right speaker), in main wiring harness

- * According to equipment
- *2 Only models with 2-doors
- *3 Only models with 4-doors

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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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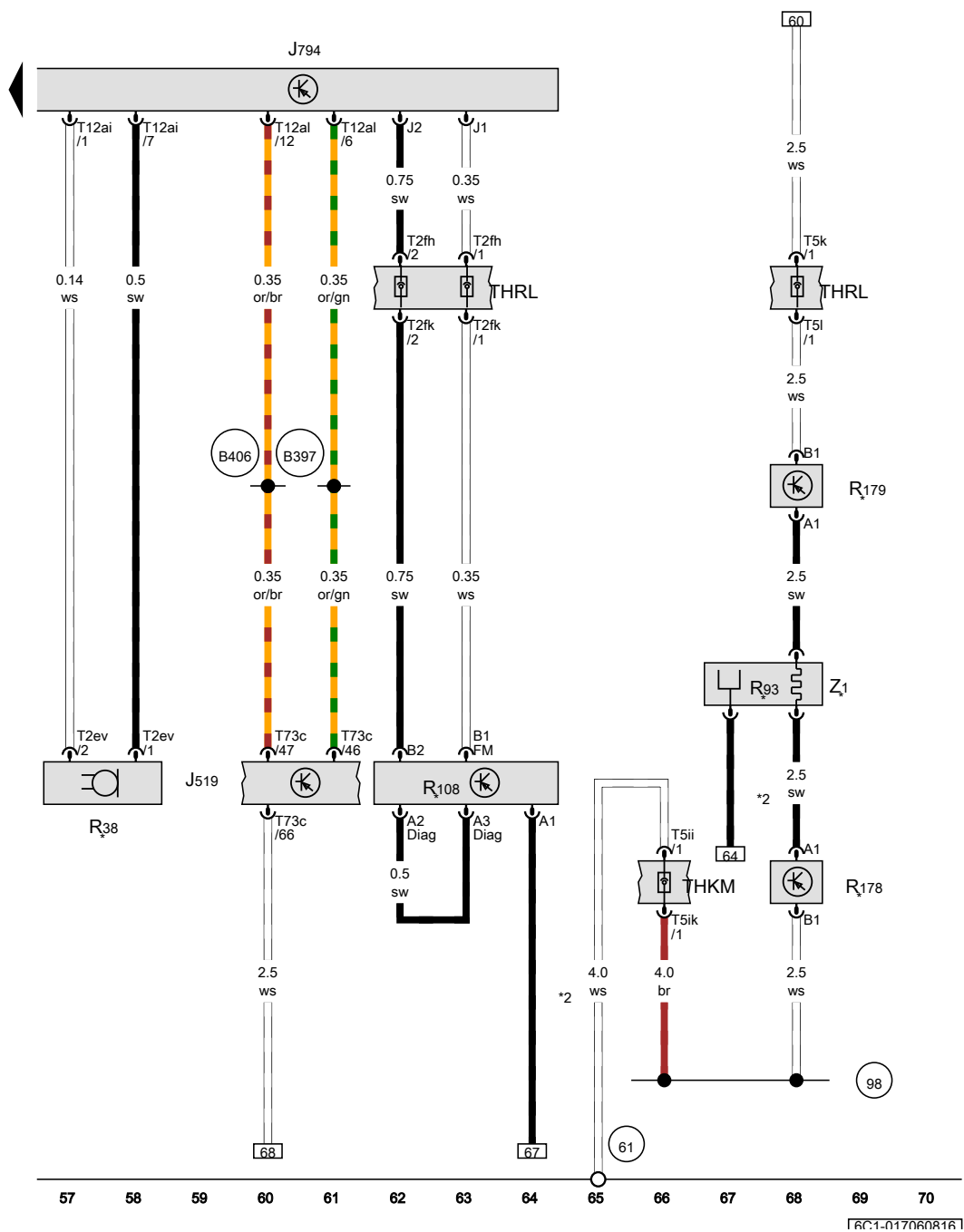
Control unit 1 for information electronics, Roof aerial, Rear right bass loudspeaker, Front right treble loudspeaker, GPS aerial

- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R11 Aerial
- R17 Rear right bass loudspeaker
- R22 Front right treble loudspeaker
- R50 GPS aerial
- R183 Digital radio aerial
- T2ez 2-pin connector
- T4bh 4-pin connector
- T8ar 8-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- TTTHR Coupling point for rear right door

B103 Connection (positive, front right speaker), in main wiring harness

B104 Connection (negative, front right speaker), in main wiring harness

- * According to equipment
- *2 Only models with 2-doors
- *3 Only models with 4-doors



Onboard supply control unit, Control unit 1 for information electronics, Telephone microphone, Left aerial module, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire

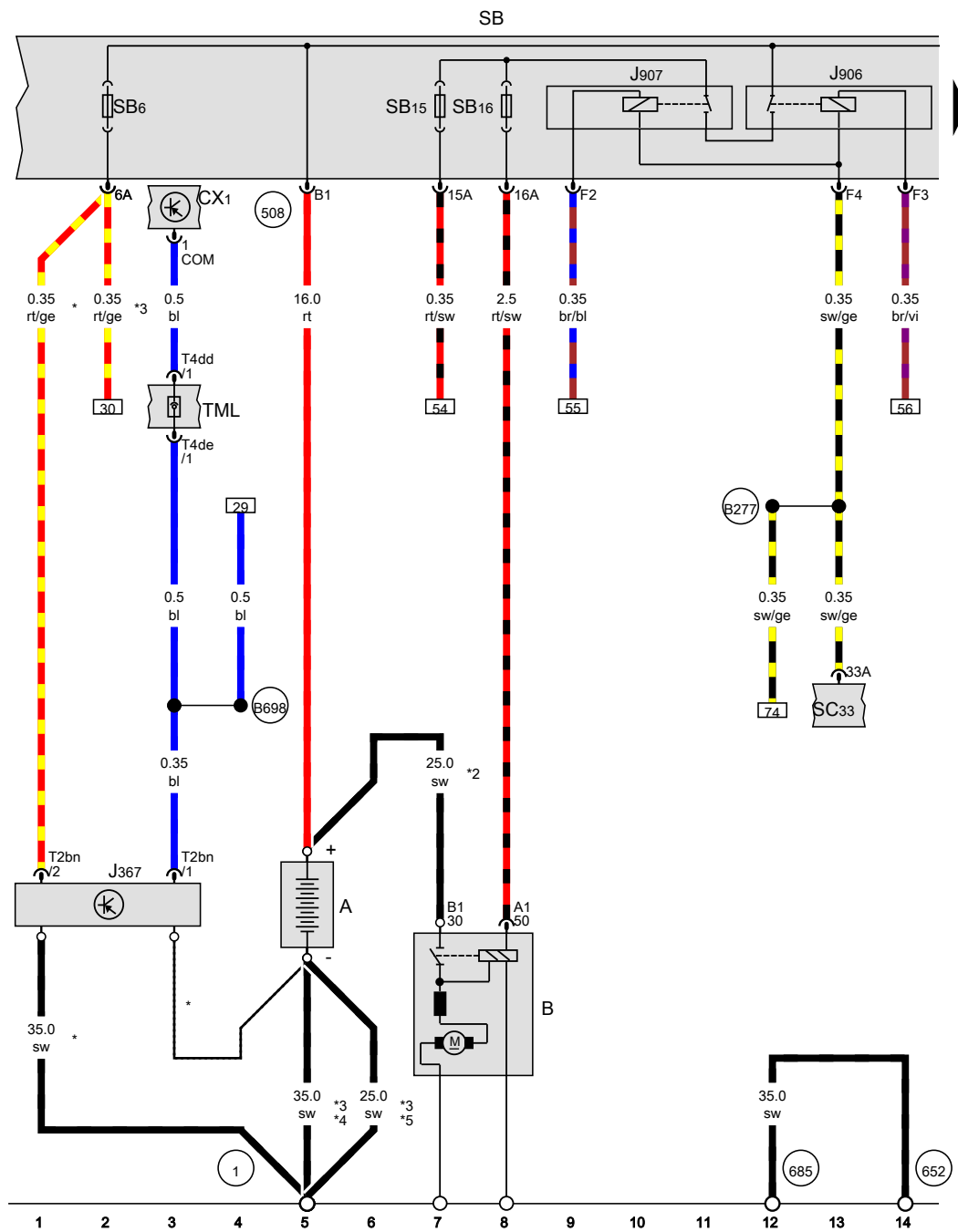
- | | |
|-------|---|
| J519 | Onboard supply control unit |
| J794 | Control unit 1 for information electronics |
| R38 | Telephone microphone |
| R93 | Radio aerial 2 |
| R108 | Left aerial module |
| R178 | Frequency modulation (FM) frequency filter in negative wire |
| R179 | Frequency modulation (FM) frequency filter in positive wire |
| T2ev | 2-pin connector |
| T2fh | 2-pin connector |
| T2fk | 2-pin connector |
| T5ii | 5-pin connector, brown |
| T5ik | 5-pin connector, brown |
| T5k | 5-pin connector, brown |
| T5l | 5-pin connector, brown |
| T12ai | 12-pin connector |
| T12al | 12-pin connector, grey |
| T73c | 73-pin connector |
| THKM | Coupling point on rear lid, centre |
| THRL | Coupling point in luggage compartment, left |
| Z1 | Heated rear window |

- | | |
|------|--|
| 61 | Earth point, left C-pillar |
| 98 | Earth connection, in rear lid wiring harness |
| B397 | Connection 1 (convenience CAN bus, high), in main wiring harness |
| B406 | Connection 1 (convenience CAN bus, low), in main wiring harness |
| * | According to equipment |
| *2 | Rear window aerial |

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1.0l petrol engine , CHYA,CHYB

From January 2014

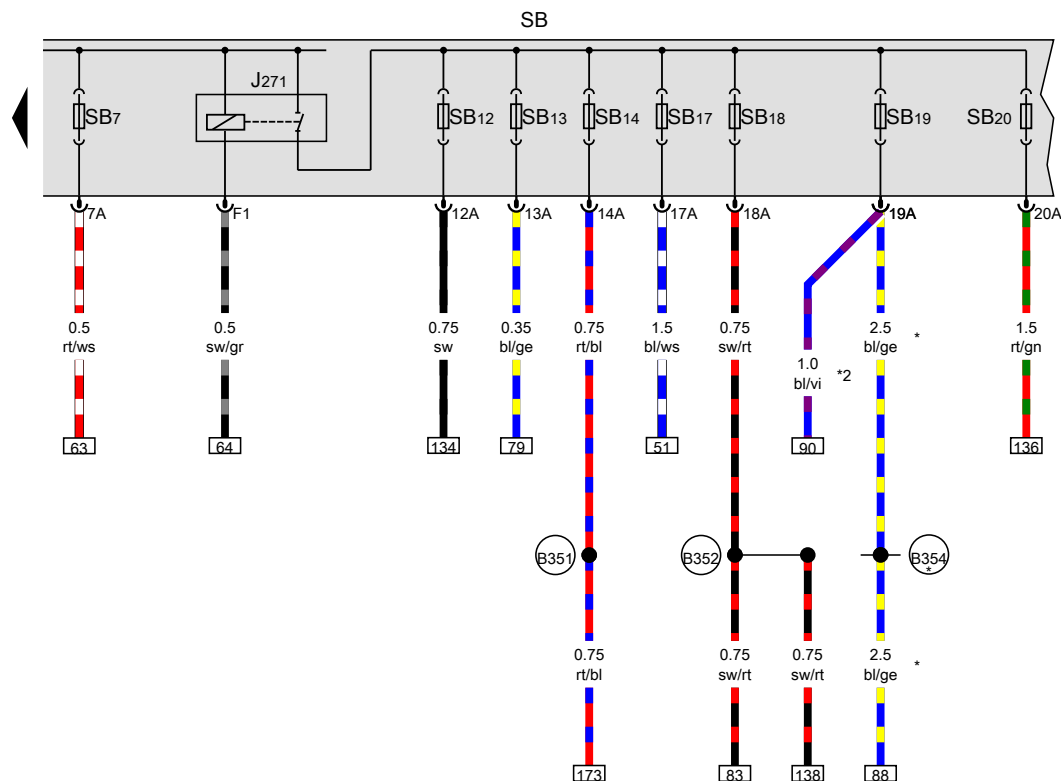


Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC33 Fuse 33 on fuse holder C
- T2bn 2-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- * For models with start/stop system
- *2 Cross section depends on equipment
- *3 For models with no start/stop system
- *4 Up to May 2016
- *5 From May 2016

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- gr = grey
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- vi = purple
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Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B351 Positive connection 2 (87a) in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

B354 Positive connection 5 (87a) in main wiring harness

* Up to May 2016

*2 From May 2016

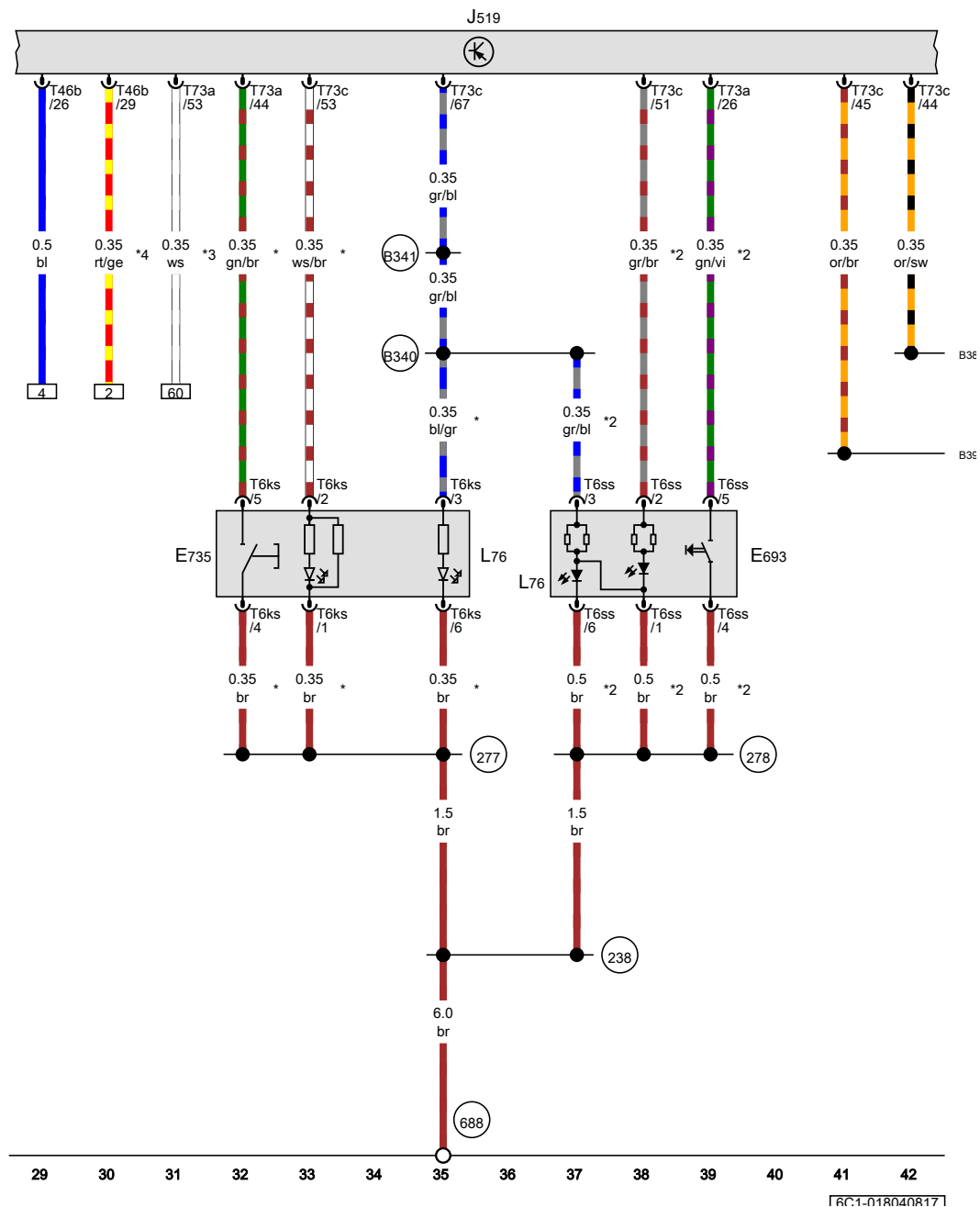
ws = white
 sw = black
 ro = red
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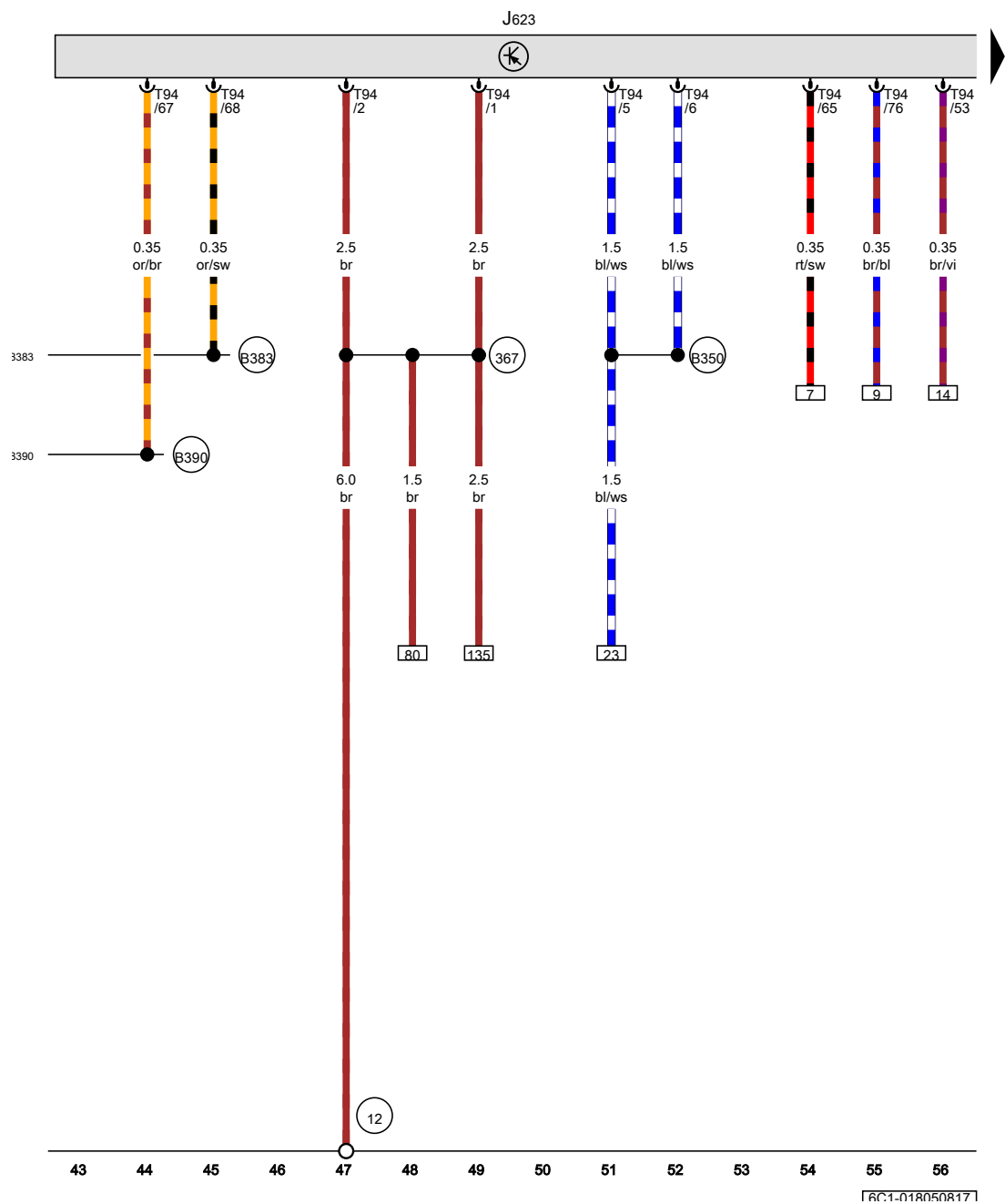
Start/Stop operation button, Driving mode selection button, Onboard supply control unit

E693 Start/Stop operation button
E735 Driving mode selection button
J519 Onboard supply control unit
L76 Button illumination bulb
T6ks 6-pin connector, green
T6ss 6-pin connector
T46b 46-pin connector
T73a 73-pin connector
T73c 73-pin connector

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * According to equipment
- *2 For models with start/stop system
- *3 For models with cruise control system (CCS)
- *4 For models with no start/stop system

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Engine/motor control unit

J623 Engine/motor control unit

T94 94-pin connector, black

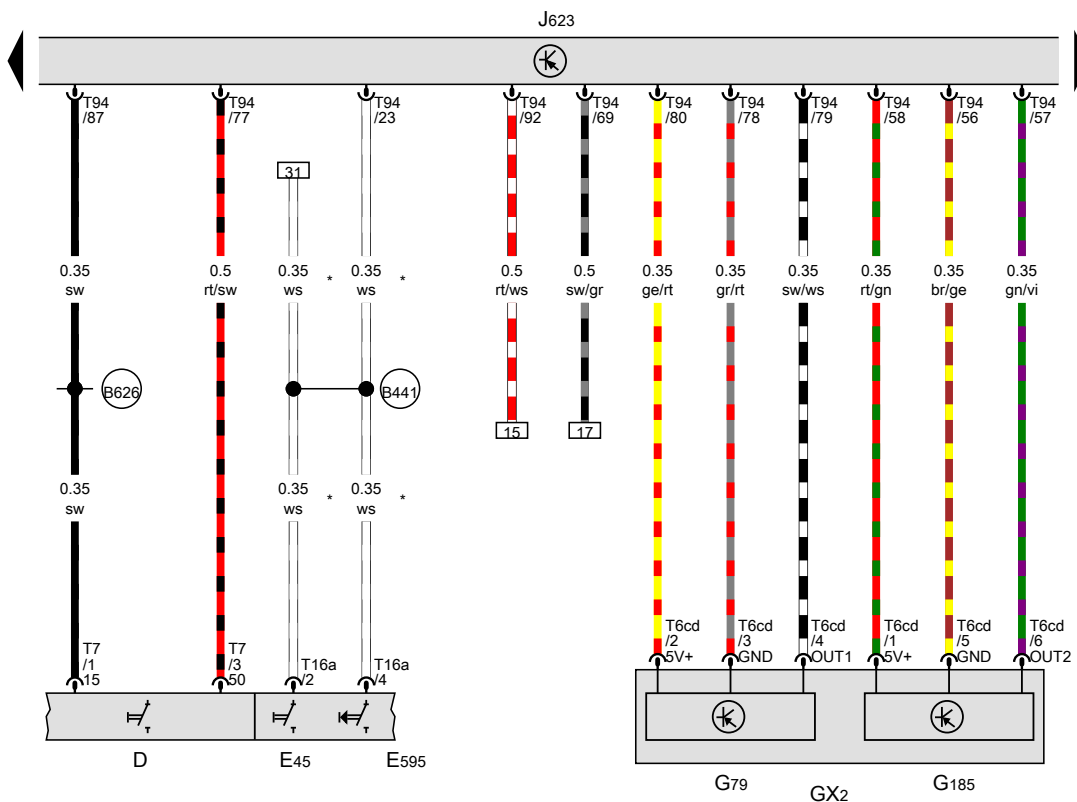
12 Earth point, on left in engine compartment

367 Earth connection 2, in main wiring harness

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

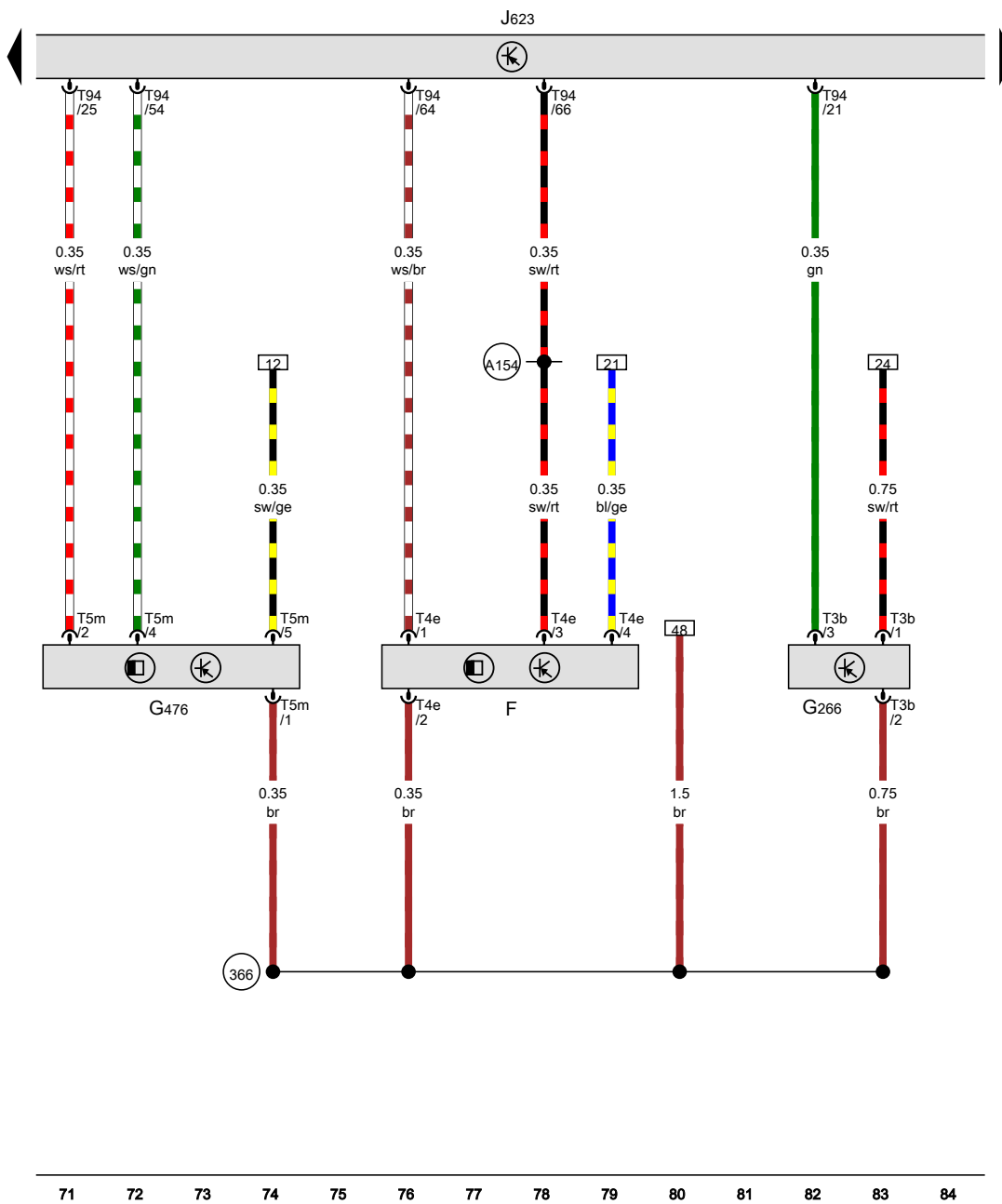
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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



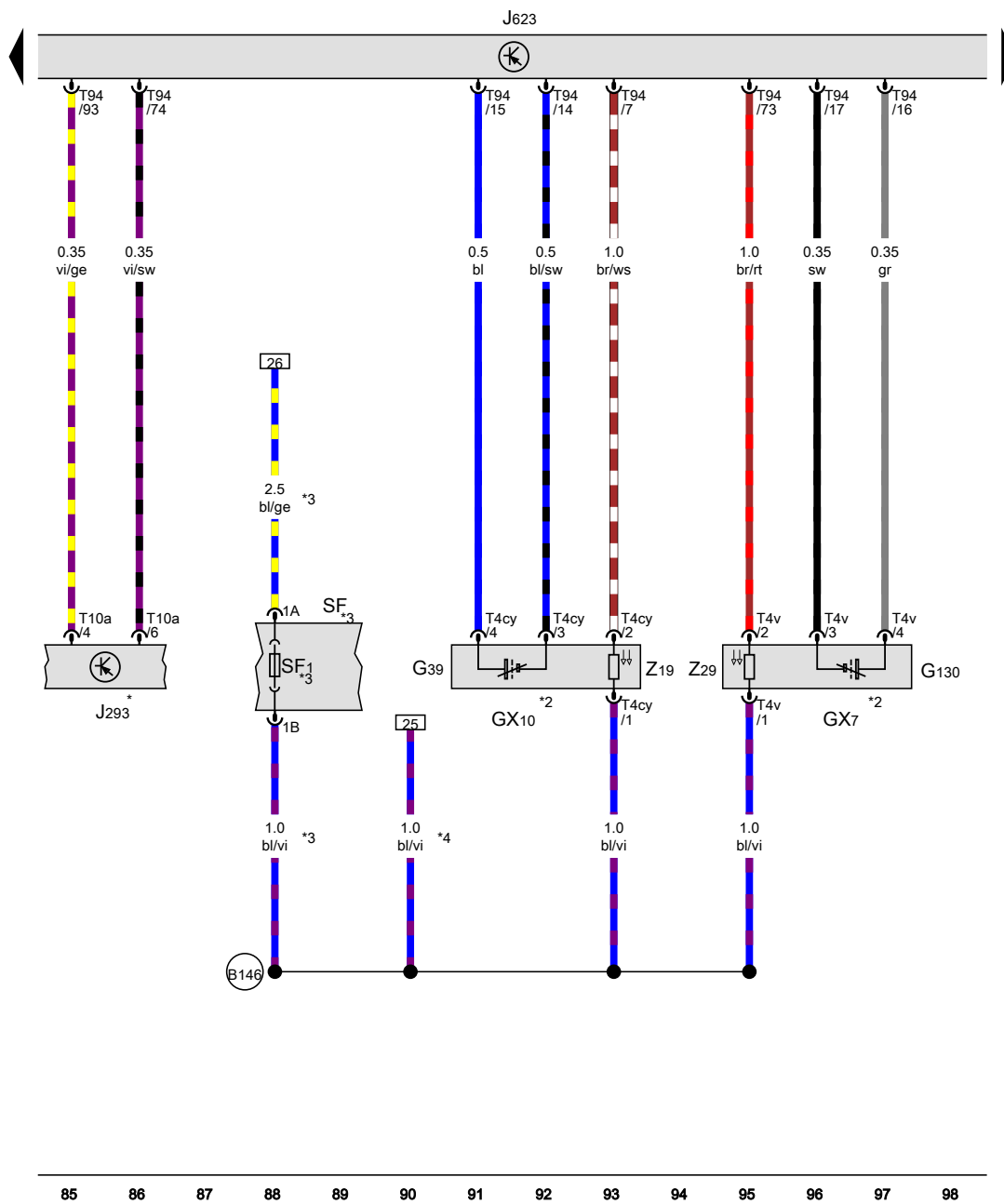
Steering column combination switch, Accelerator pedal module, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T6cd 6-pin connector, black
- T7 7-pin connector
- T16a 16-pin connector
- T94 94-pin connector, black
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with cruise control system (CCS)



Brake light switch, Clutch position sender, Engine/motor control unit

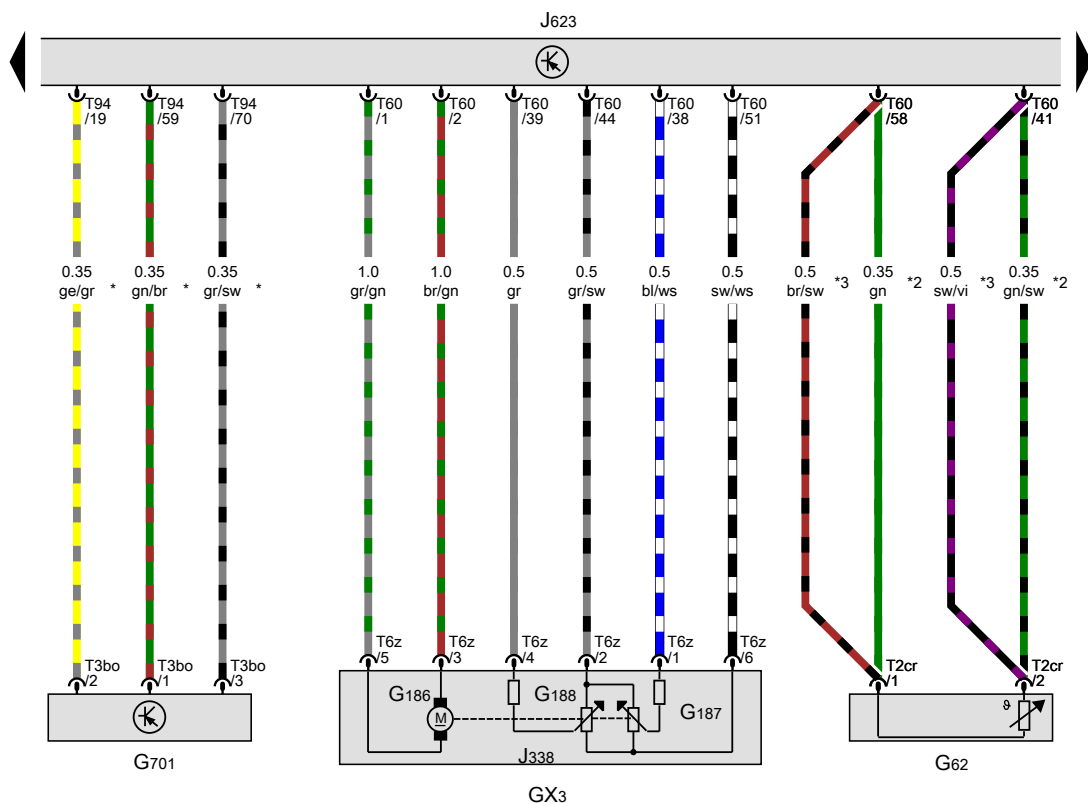
- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3b 3-pin connector, black
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T94 94-pin connector, black
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Radiator fan control unit, Engine/motor control unit

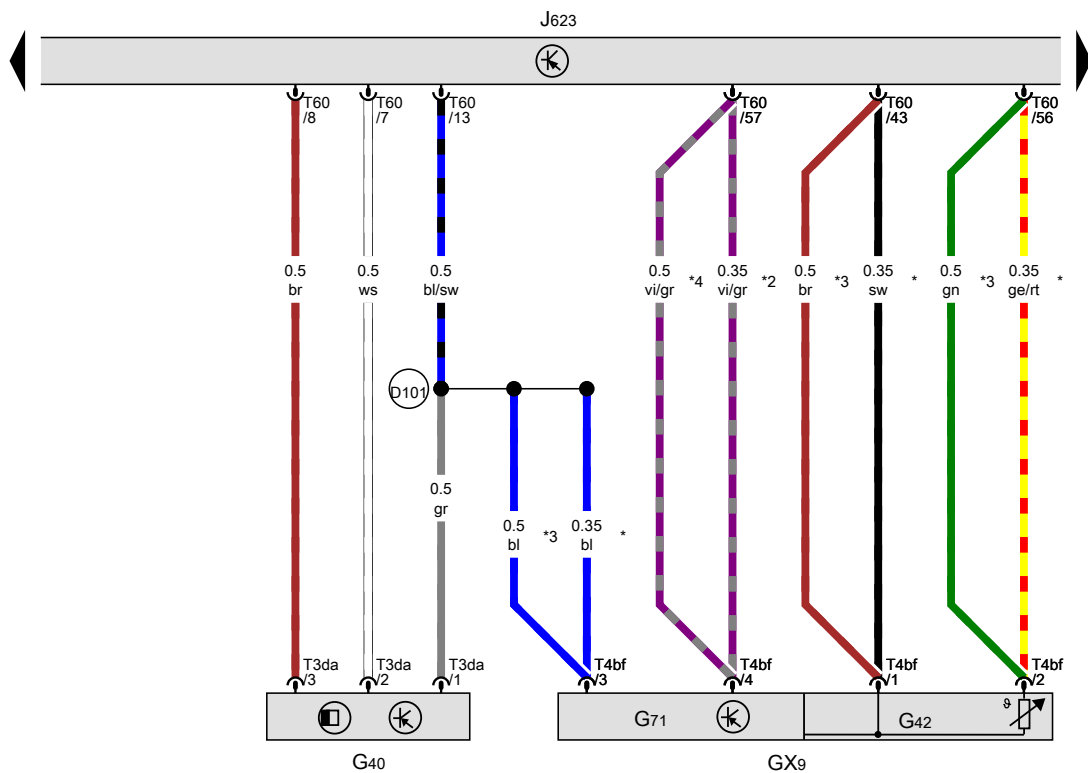
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- T4cy 4-pin connector, brown
- T4v 4-pin connector, black
- T10a 10-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B146 Positive connection 1 (87), in interior wiring harness
- * see applicable current flow diagram for radiator fan
- *2 Pre-wired component
- *3 Up to May 2016
- *4 From May 2016

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Throttle valve module, Coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit

- GX3 Throttle valve module
- G62 Coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2cr 2-pin connector, black
- T3bo 3-pin connector, brown
- T6z 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * For models with start/stop system
- *2 Up to May 2016
- *3 From May 2016

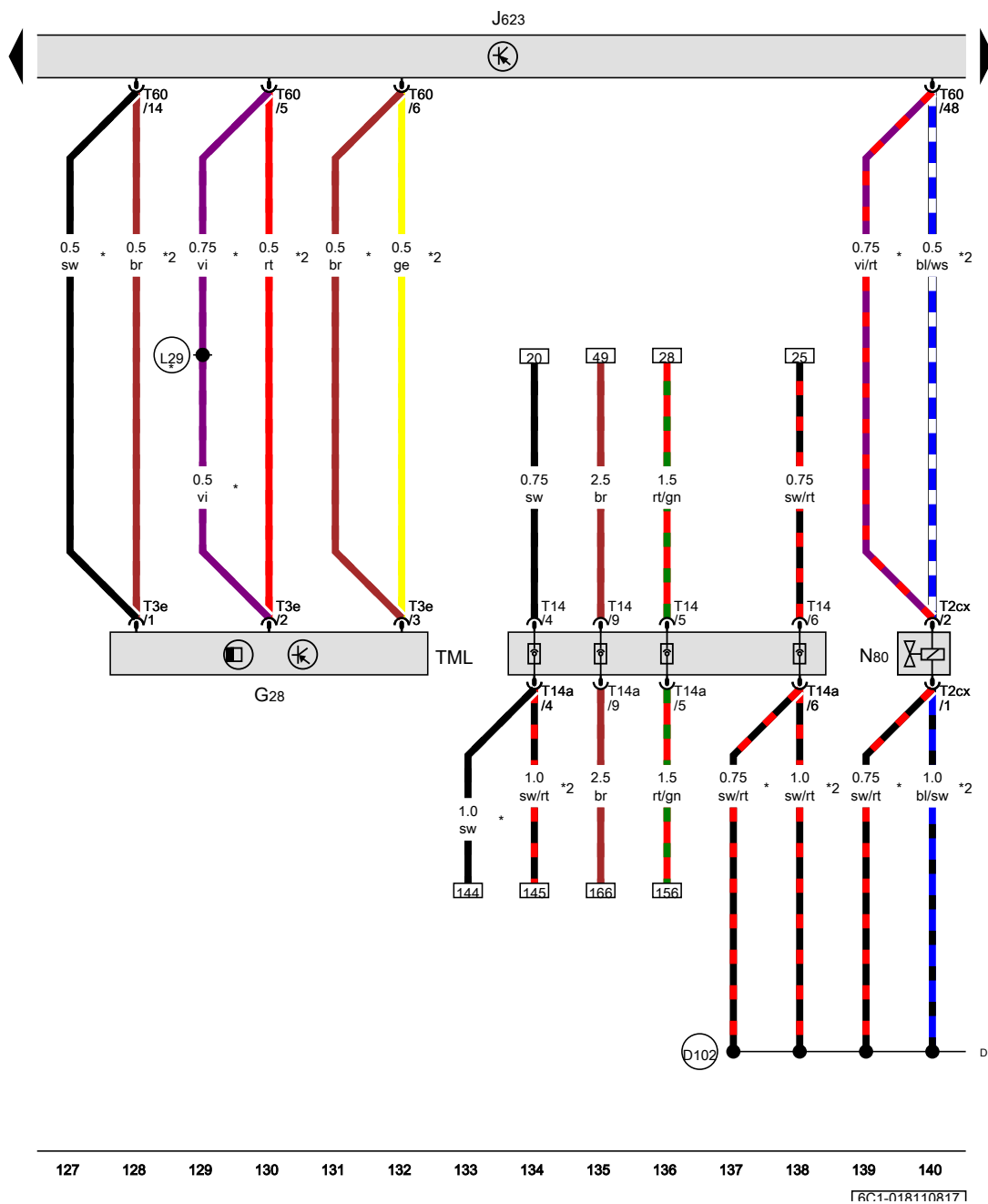


Intake manifold sender, Hall sender, Intake manifold pressure sender, Engine/motor control unit

- GX9 Intake manifold sender
- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- J623 Engine/motor control unit
- T3da 3-pin connector, black
- T4bf 4-pin connector, black
- T60 60-pin connector, black

D101 Connection 1 in engine compartment wiring harness

- * Up to May 2016
- *2 Up to May 2017
- *3 From May 2016
- *4 From May 2017



Engine speed sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1

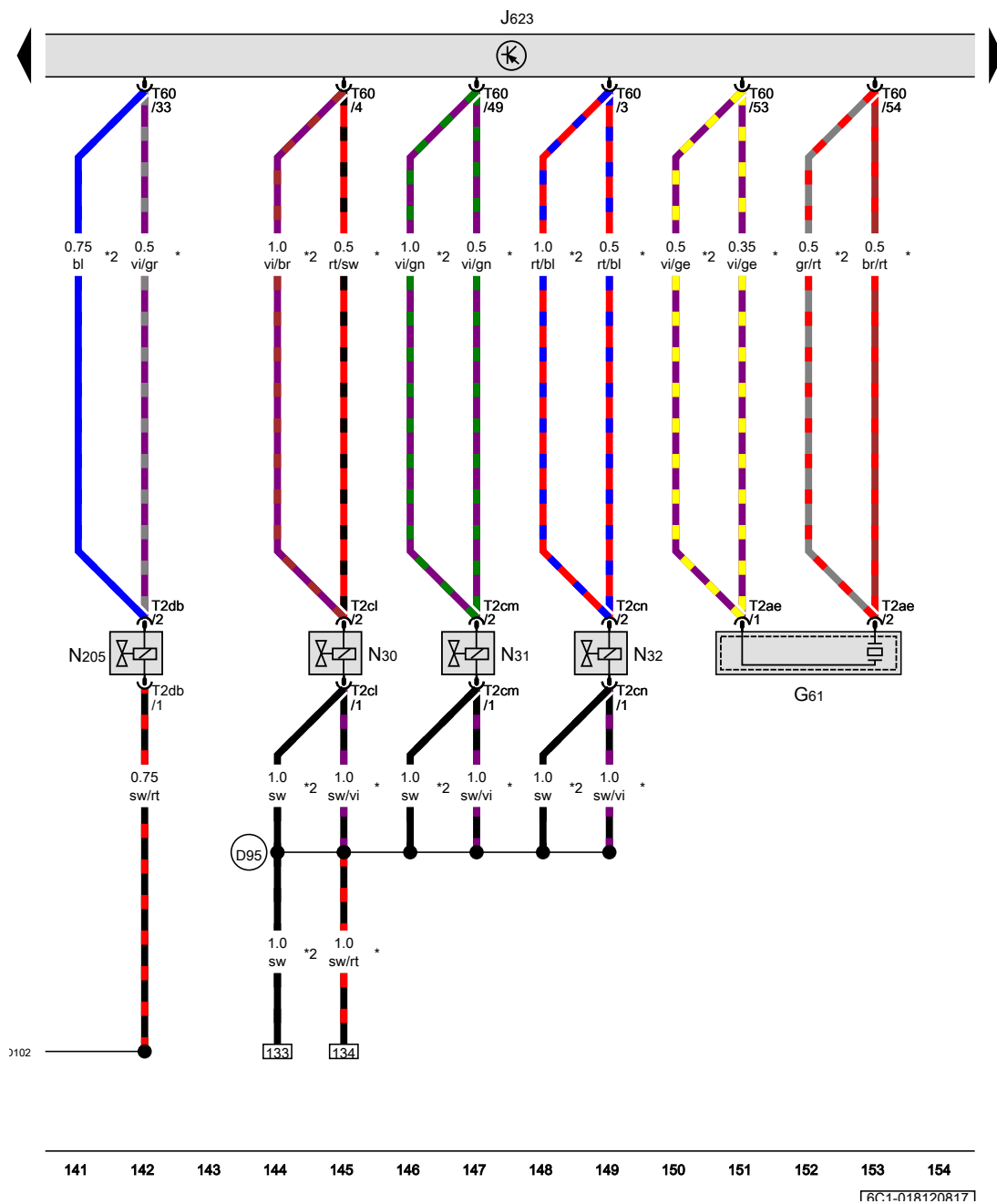
- G28 Engine speed sender
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- T2cx 2-pin connector
- T3e 3-pin connector, brown
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T60 60-pin connector, black
- TML Coupling point in engine compartment, left

D102 Connection 2 in engine compartment wiring harness

L29 Connection (sender), in engine compartment - Climatronic wiring harness

* From May 2016

*2 Up to May 2016



Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Camshaft control valve 1

- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N205 Camshaft control valve 1
- T2ae 2-pin connector, black
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2db 2-pin connector
- T60 60-pin connector, black

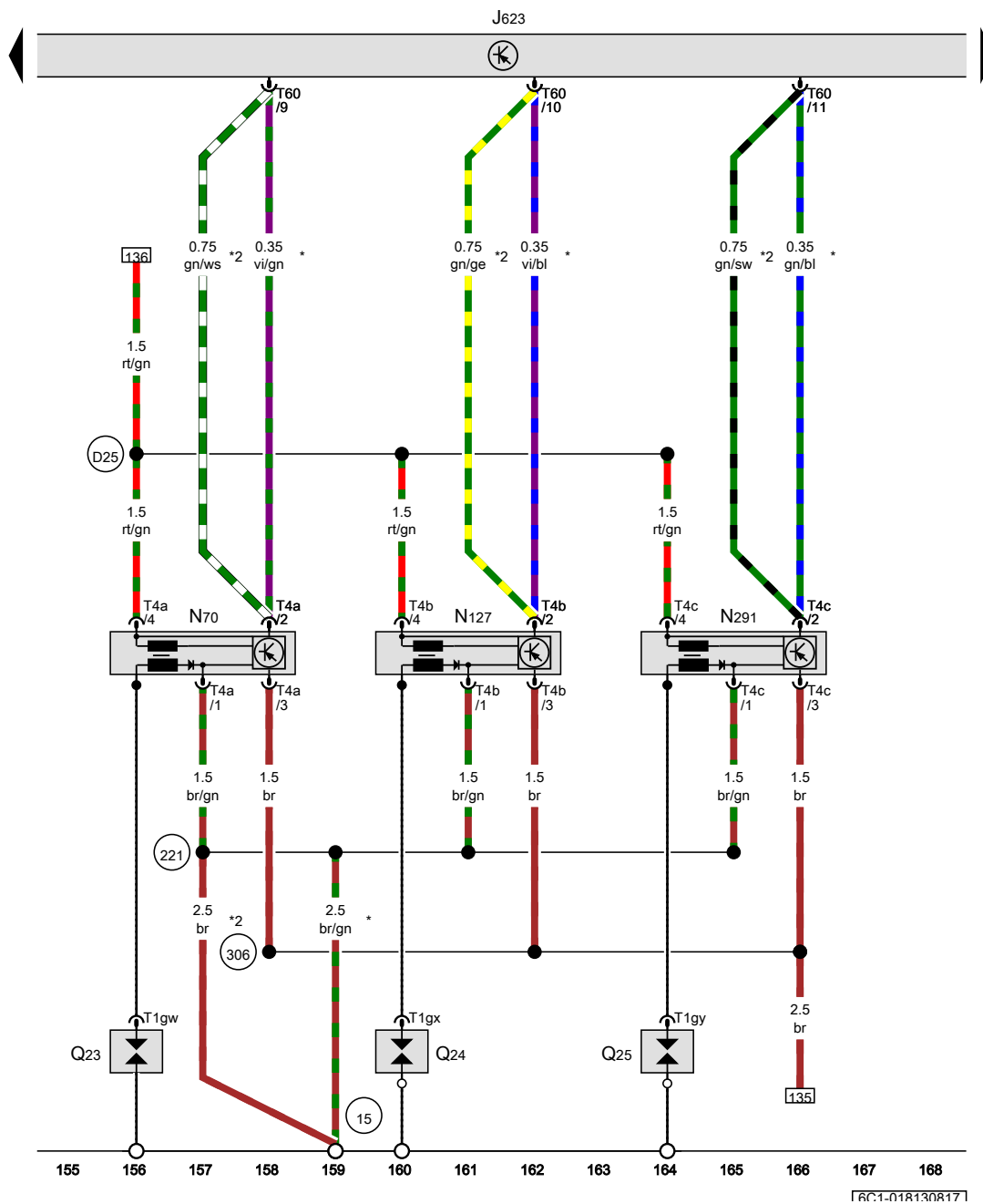
D95 Connection (injectors), in engine compartment wiring harness

D102 Connection 2 in engine compartment wiring harness

* Up to May 2016

*2 From May 2016

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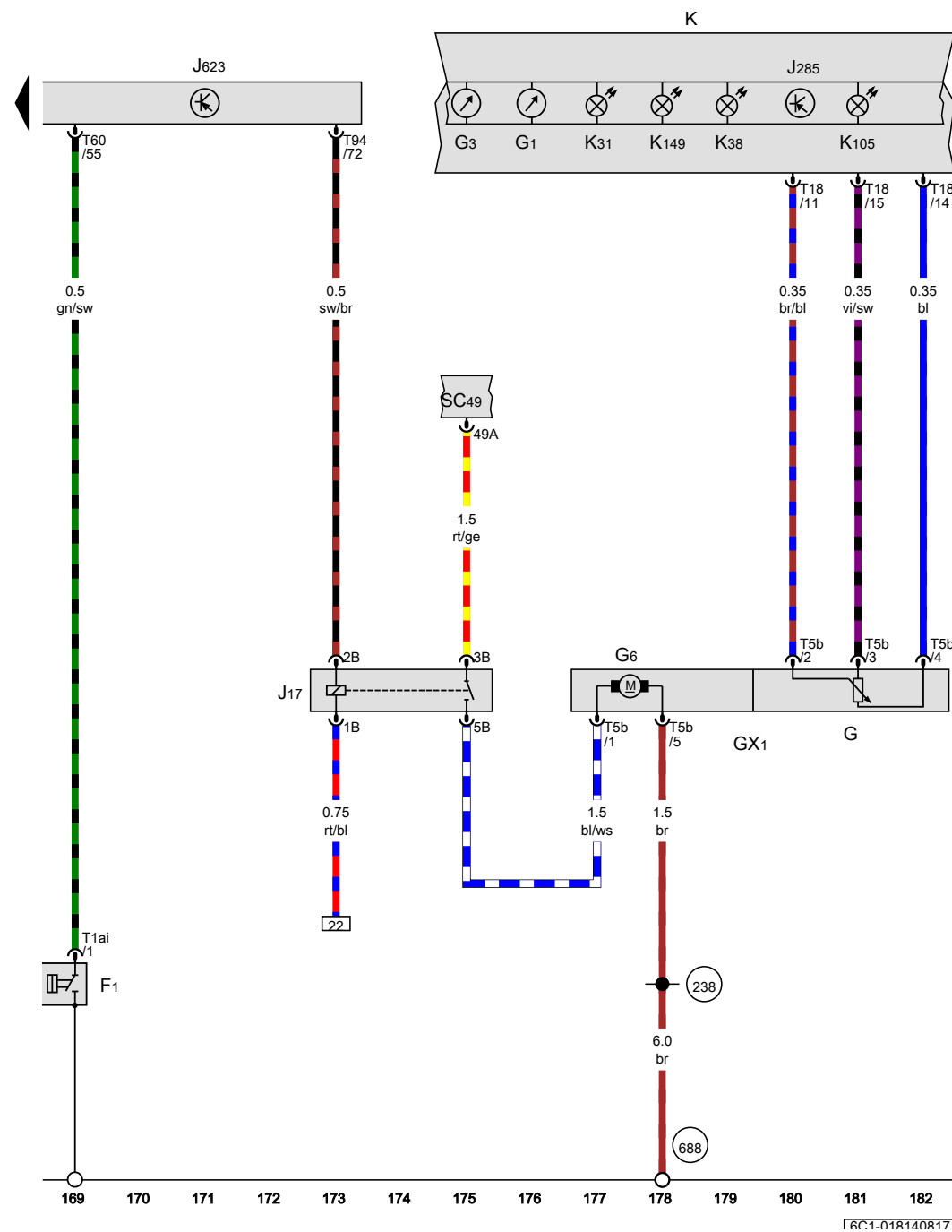
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- T1gw 1-pin connector
- T1gx 1-pin connector
- T1gy 1-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

- * Up to May 2016
- *2 From May 2016

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- vi = purple
- ge = yellow
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Oil pressure switch, Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert

- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- J623 Engine/motor control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC49 Fuse 49 on fuse holder C
- T1ai 1-pin connector, black
- T5b 5-pin connector, black
- T18 18-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

238 Earth connection 1, in interior wiring harness

688 Earth point 2, on centre tunnel

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Reversing camera (Rear Assist) , (KA1)

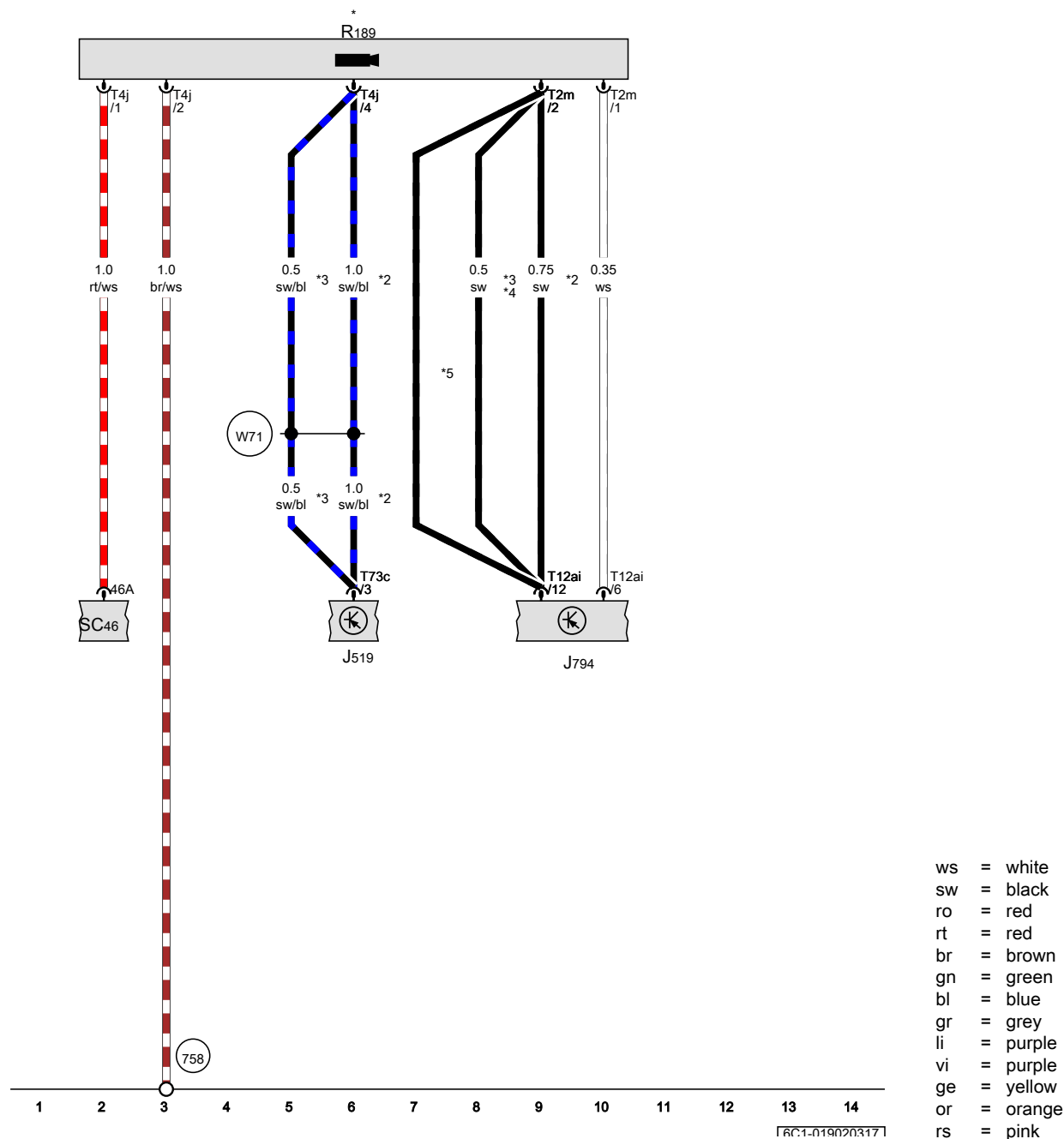
From January 2014

Onboard supply control unit, Control unit 1 for information electronics, Reversing camera

- J519 Onboard supply control unit
- J794 Control unit 1 for information electronics
- R189 Reversing camera
- SC46 Fuse 46 on fuse holder C
- T2m 2-pin connector
- T4j 4-pin connector
- T12ai 12-pin connector, blue
- T73c 73-pin connector

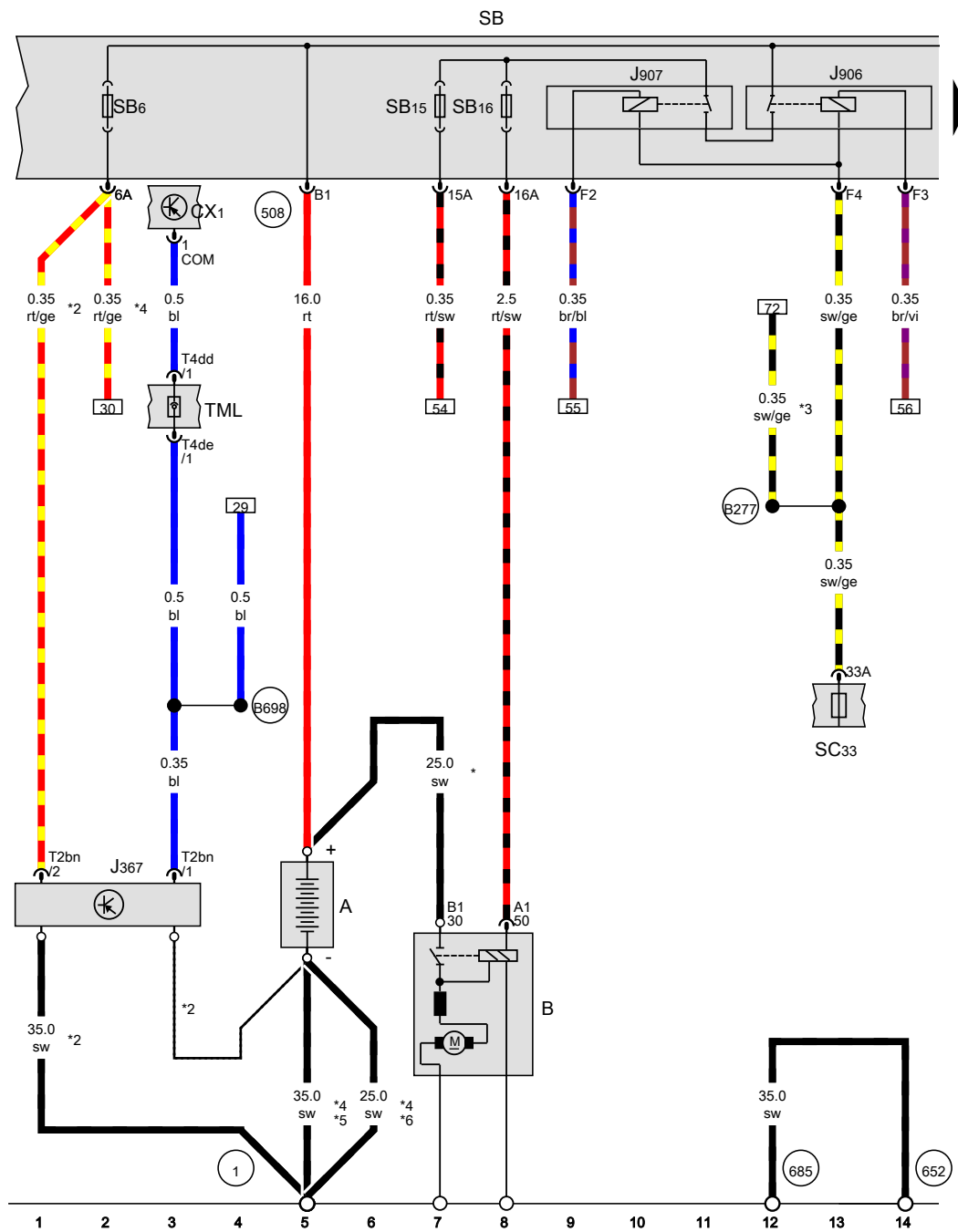
- 758 Earth point 3, on centre tunnel
- W71 Connection (reversing light), in rear wiring harness

- * Pre-wired component
- *2 Up to May 2016
- *3 From May 2016
- *4 Up to November 2016
- *5 From November 2016



1.2l petrol engine , CJZC,CJZD

From January 2014



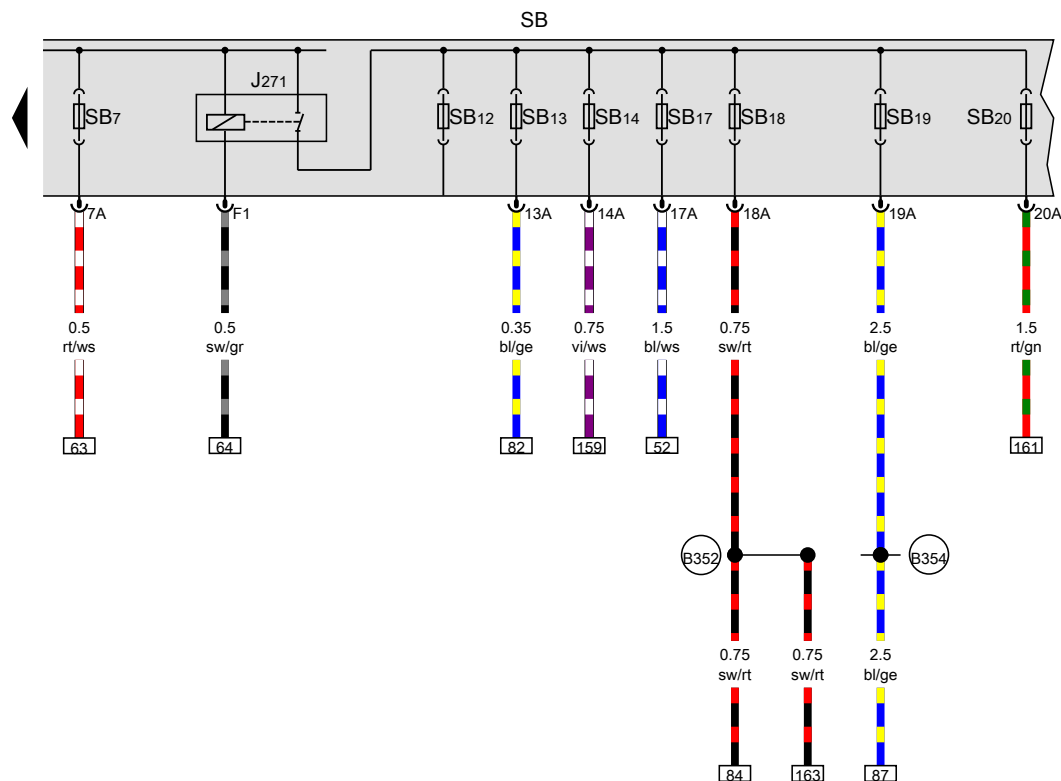
Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC33 Fuse 33 on fuse holder C
- T2bn 2-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

- * Cross section depends on equipment
- *2 For models with start/stop system
- *3 For models with manual gearbox
- *4 For models with no start/stop system
- *5 Up to May 2016
- *6 From May 2016

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Main relay, Fuse holder B

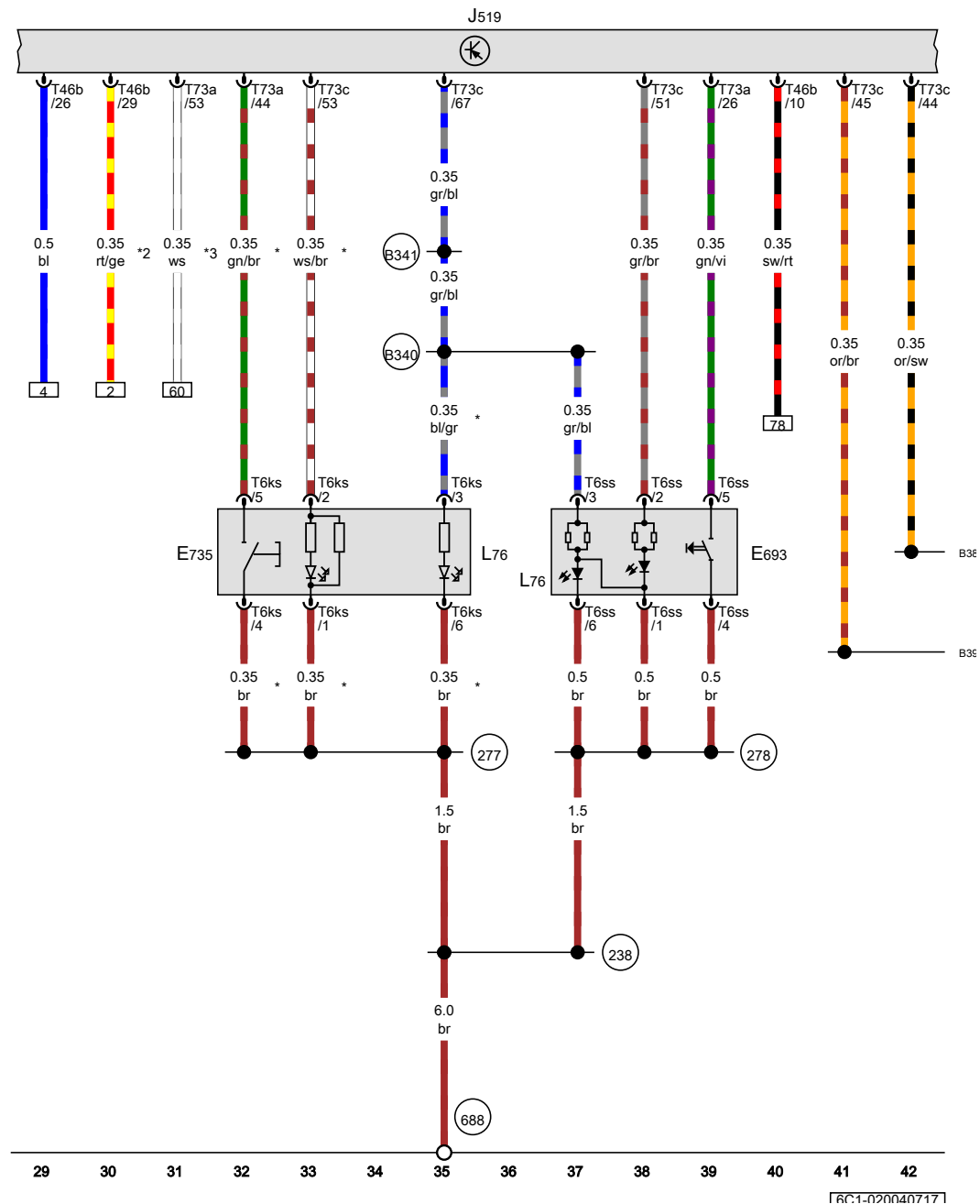
- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

B354 Positive connection 5 (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

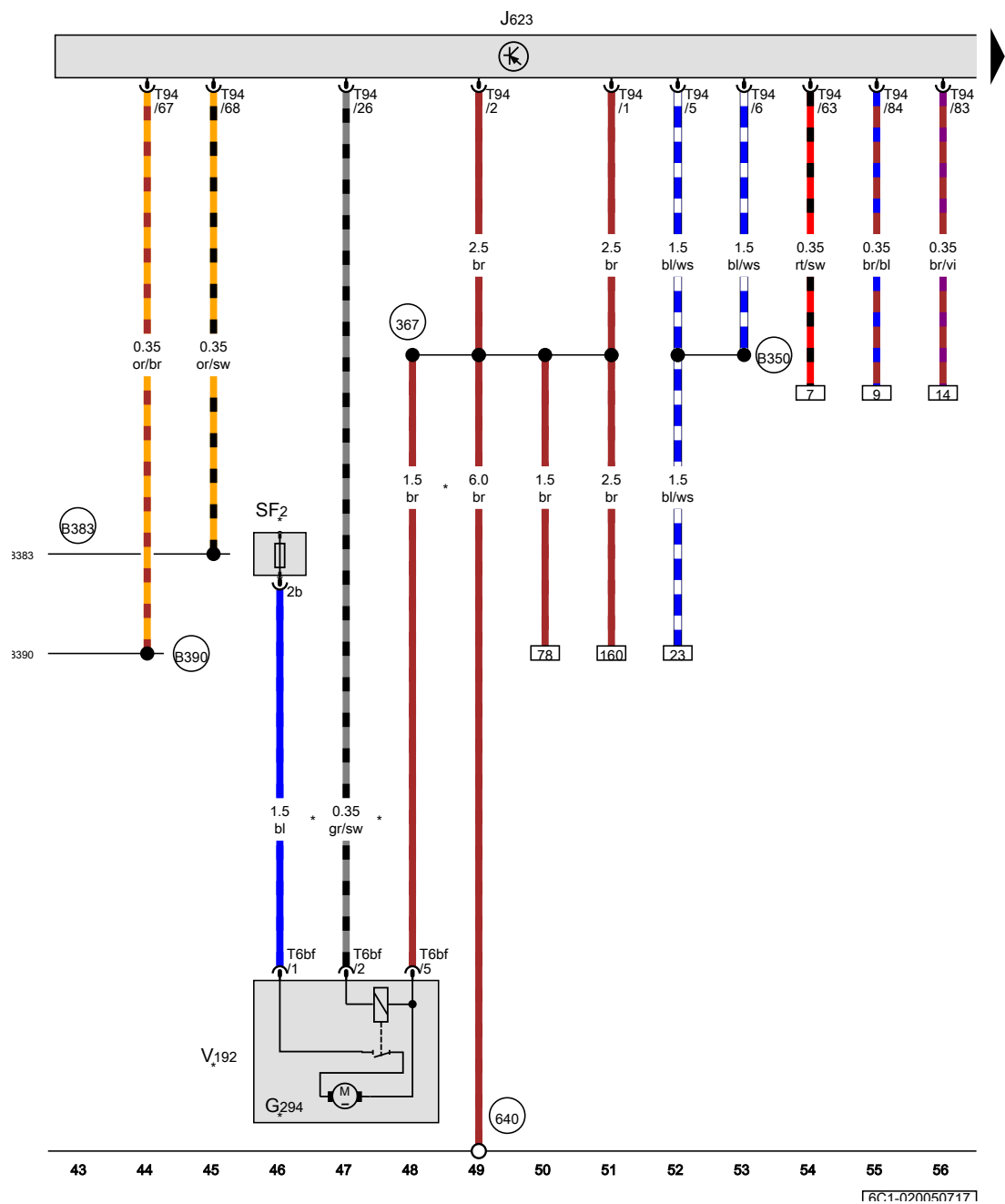
Start/Stop operation button, Driving mode selection button, Onboard supply control unit



- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T6ss 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * According to equipment
- *2 For models with no start/stop system
- *3 For models with cruise control system (CCS)

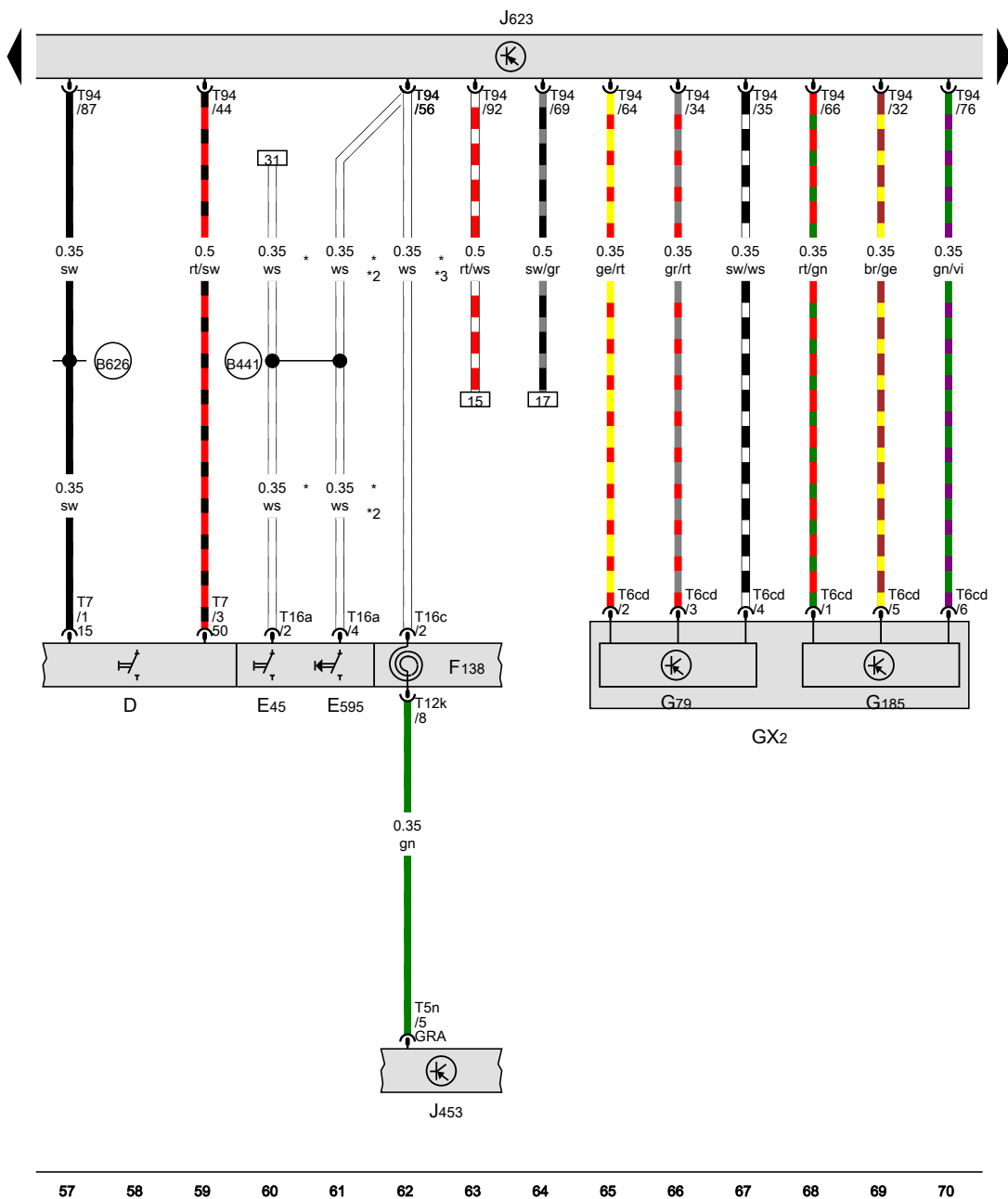
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Engine/motor control unit, Vacuum pump for brakes

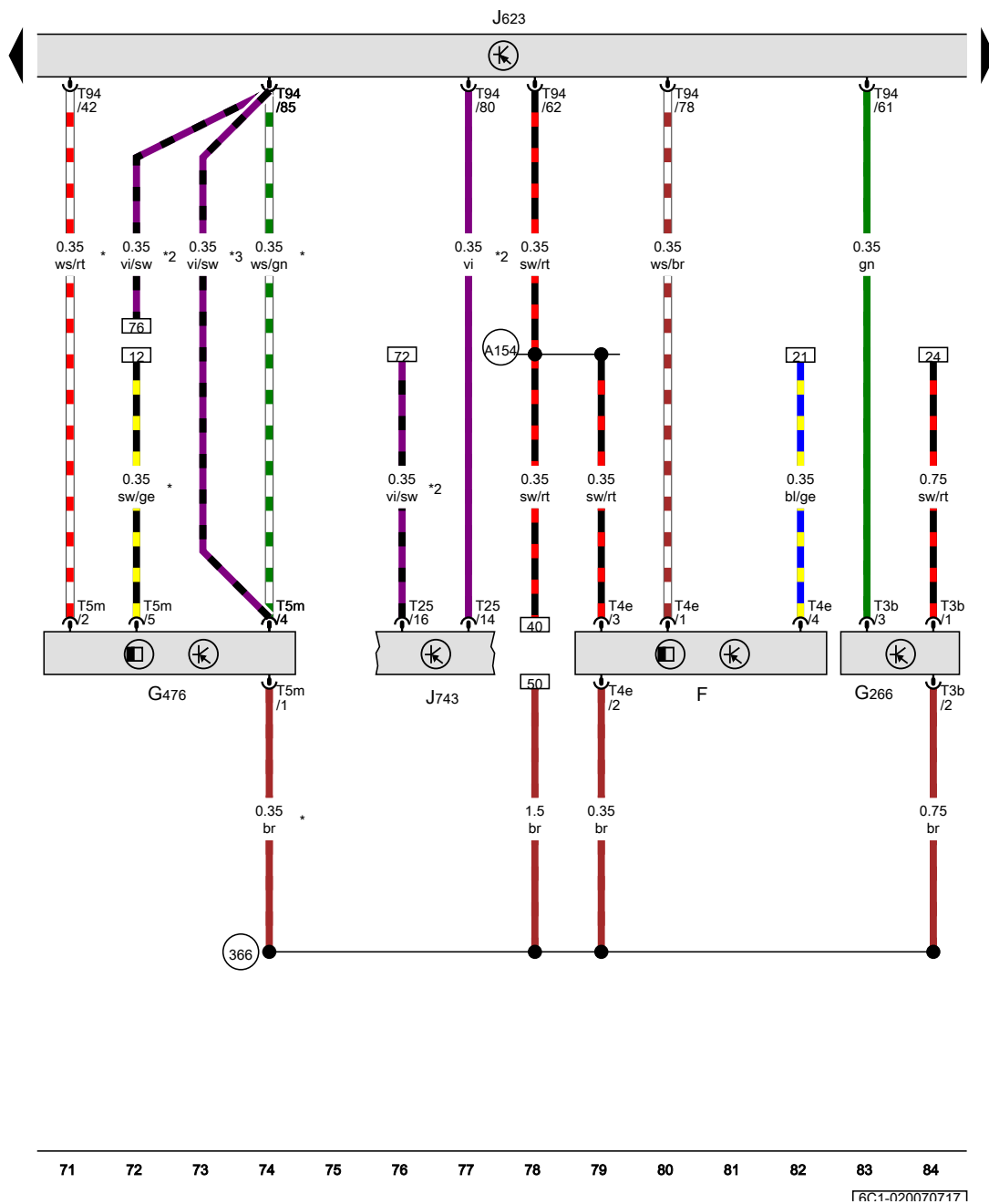
- G294 Brake servo pressure sensor
- J623 Engine/motor control unit
- SF2 Fuse 2 in fuse holder F
- T6bf 6-pin connector
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

- 367 Earth connection 2, in main wiring harness
- 640 Earth point 2, left in engine compartment
- B350 Positive connection 1 (87a) 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
- * According to equipment



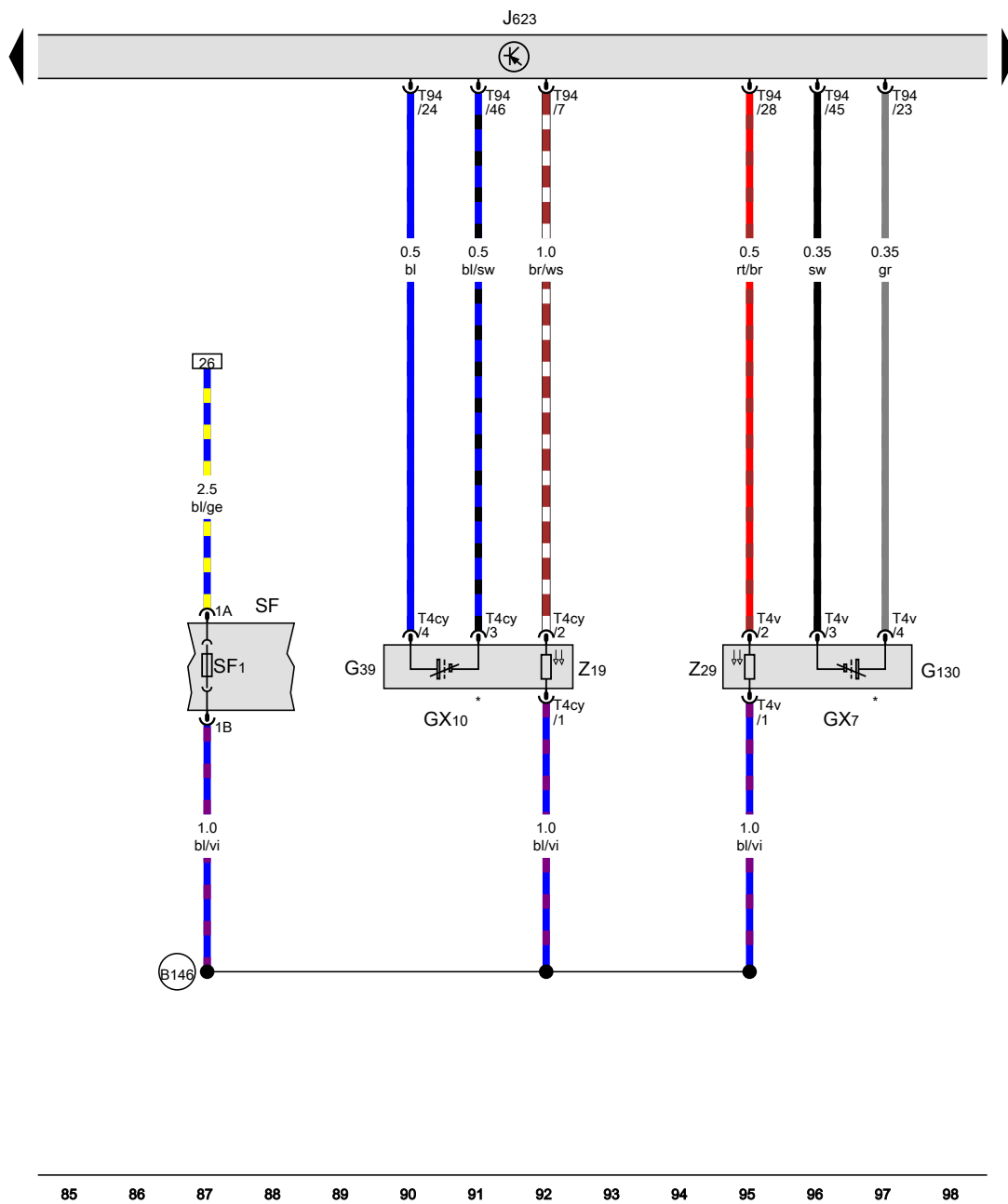
Steering column combination switch, Accelerator pedal module, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J453 Multifunction steering wheel control unit, in steering wheel
- J623 Engine/motor control unit
- T5n 5-pin connector
- T6cd 6-pin connector, black
- T7 7-pin connector
- T12k 12-pin connector, yellow
- T16a 16-pin connector
- T16c 16-pin connector
- T94 94-pin connector, black
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with cruise control system (CCS)
- *2 For models with no Tiptronic
- *3 For models with Tiptronic



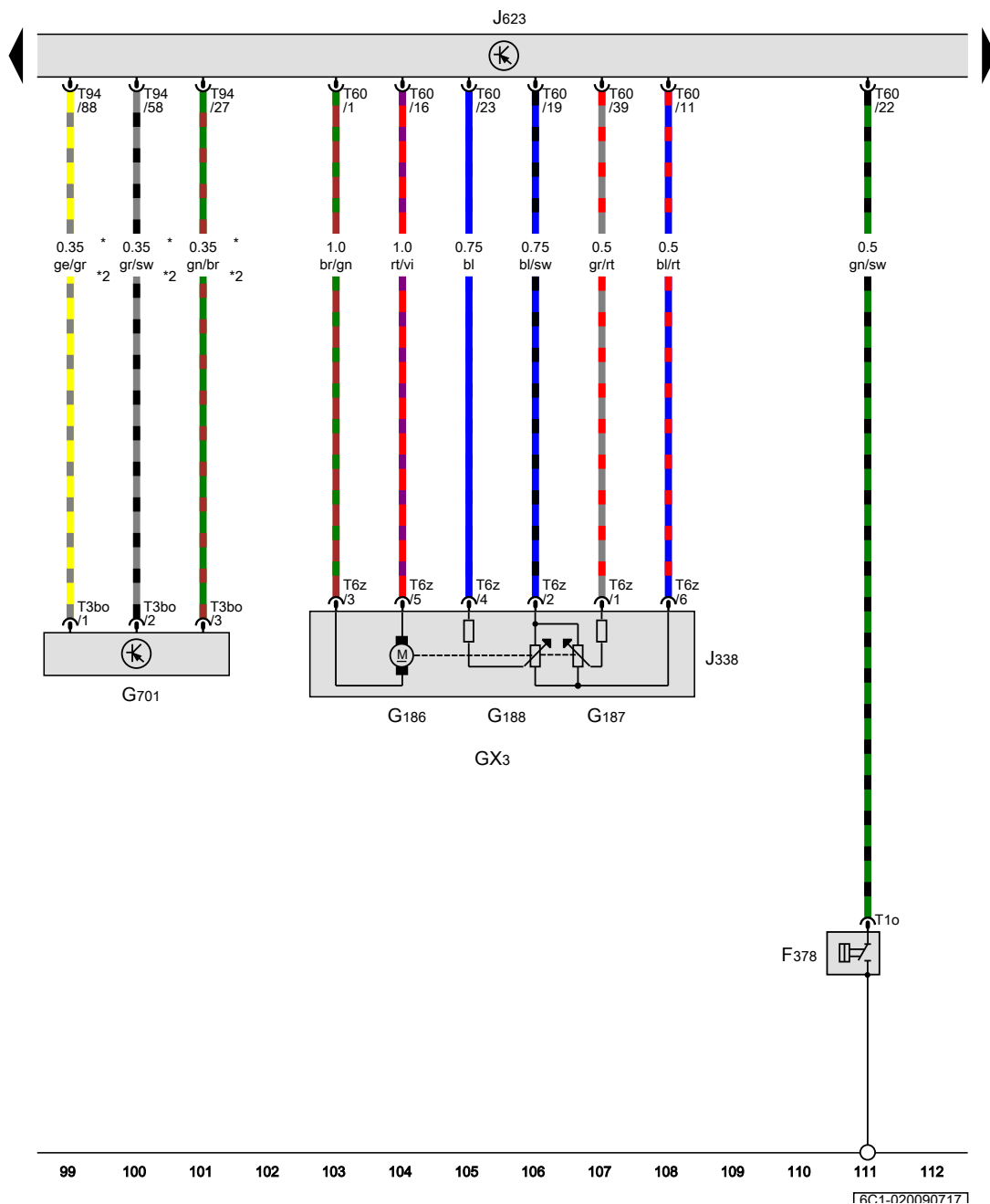
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector
- T4e 4-pin connector
- T5m 5-pin connector, black
- T25 25-pin connector
- T94 94-pin connector, black
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox 0AM
- *3 From May 2015



ws = white
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 gr = grey
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 rs = pink

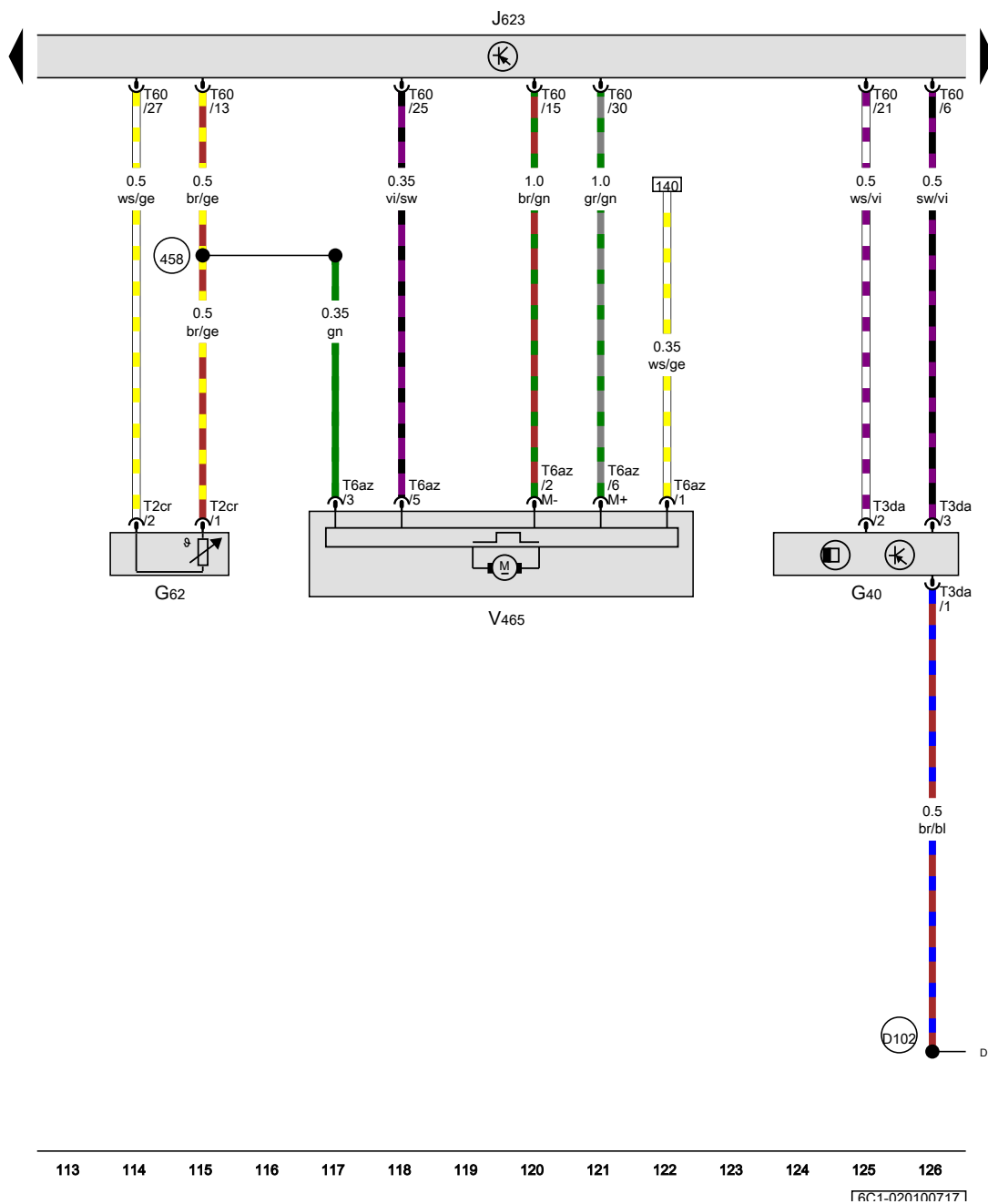
16C1-020080717



Oil pressure switch for reduced oil pressure, Throttle valve module, Gearbox neutral position sender, Engine/motor control unit

- F378 Oil pressure switch for reduced oil pressure
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T1o 1-pin connector, black
- T3bo 3-pin connector
- T6z 6-pin connector, black
- T60 60-pin connector
- T94 94-pin connector, black
- * For models with manual gearbox
- *2 For models with start/stop system

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Hall sender, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cr 2-pin connector
- T3da 3-pin connector, black
- T6az 6-pin connector, grey
- T60 60-pin connector
- V465 Charge pressure positioner
- 458 Earth point 3, engine prewiring harness
- D102 Connection 2 in engine compartment wiring harness

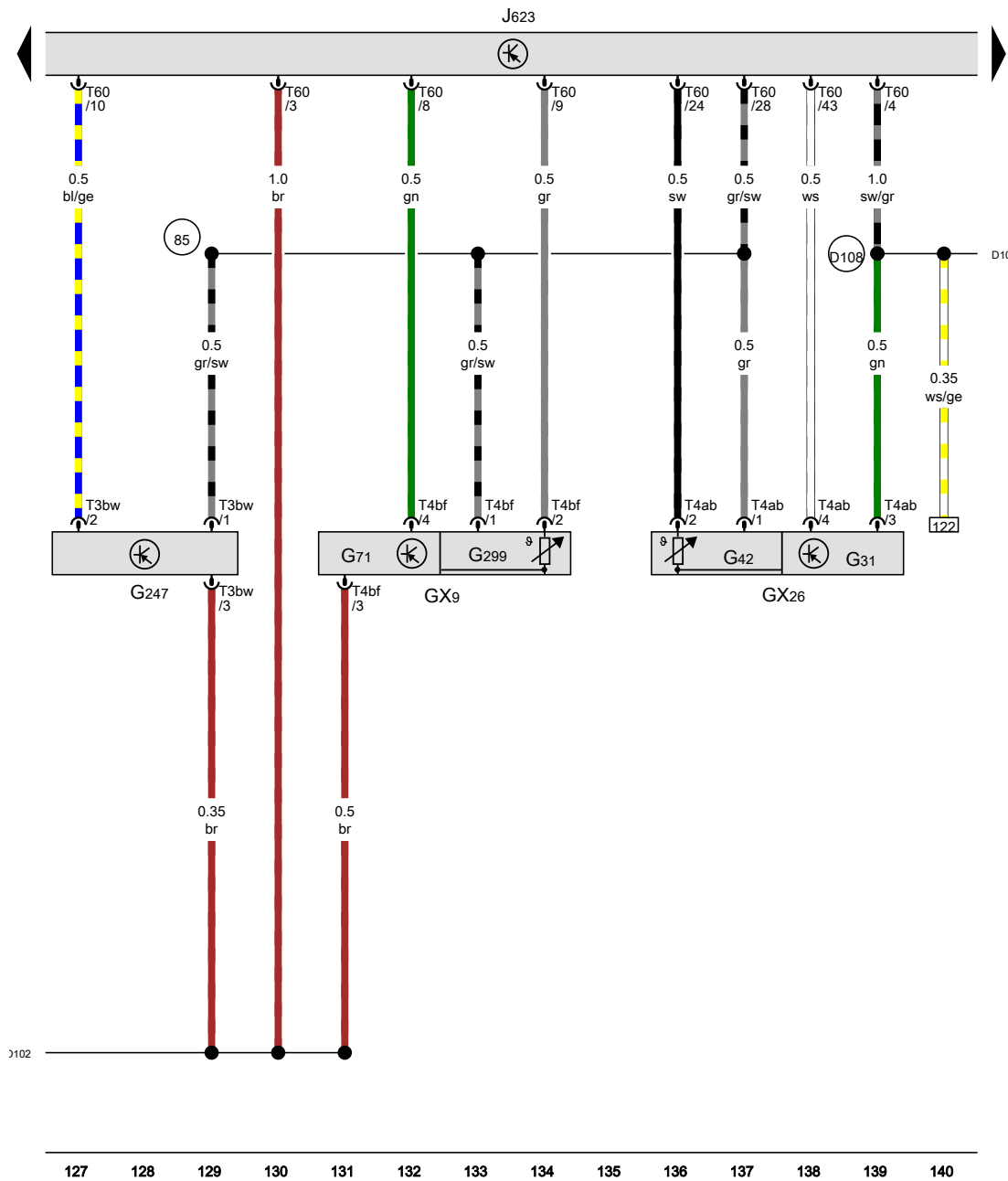
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Intake manifold sender, Charge pressure sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

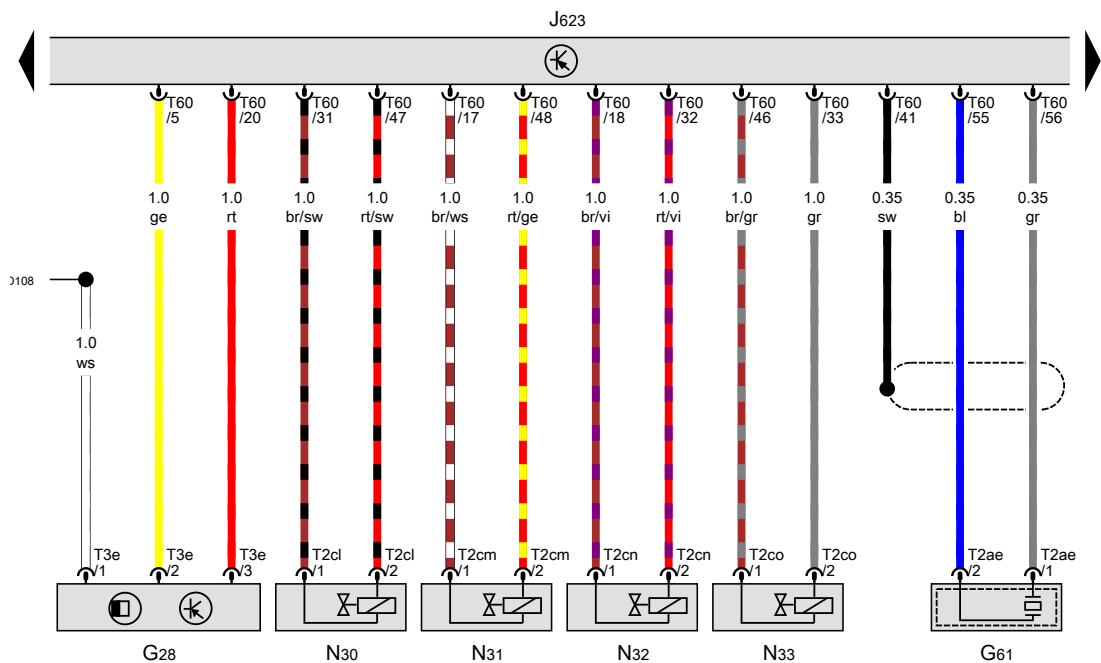
- | | |
|------|---------------------------------|
| GX9 | Intake manifold sender |
| GX26 | Charge pressure sender |
| G31 | Charge pressure sender |
| G42 | Intake air temperature sender |
| G71 | Intake manifold pressure sender |
| G247 | Fuel pressure sender |
| G299 | Intake air temperature sender 2 |
| J623 | Engine/motor control unit |
| T3bw | 3-pin connector, black |
| T4ab | 4-pin connector, black |
| T4bf | 4-pin connector, black |
| T60 | 60-pin connector |

- | | |
|------|--|
| 85 | Earth connection 1, in engine compartment wiring harness |
| D102 | Connection 2 in engine compartment wiring harness |
| D108 | Connection 6 in engine compartment wiring harness |

- ws = white
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6C.1-020110717



Engine speed sender, Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

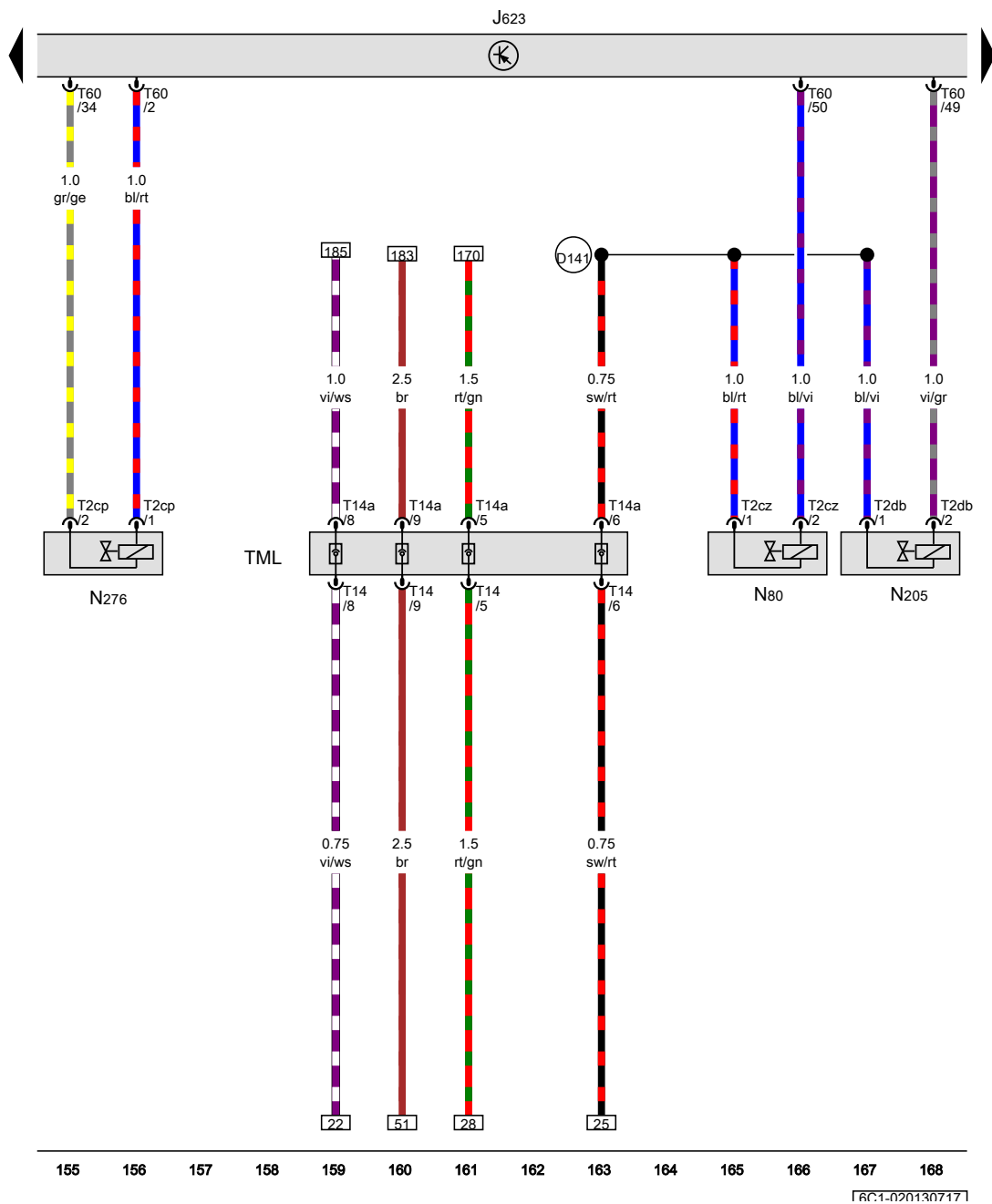
- G28 Engine speed sender
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2ae 2-pin connector
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector, black
- T3e 3-pin connector, brown
- T60 60-pin connector

D108 Connection 6 in engine compartment wiring harness

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

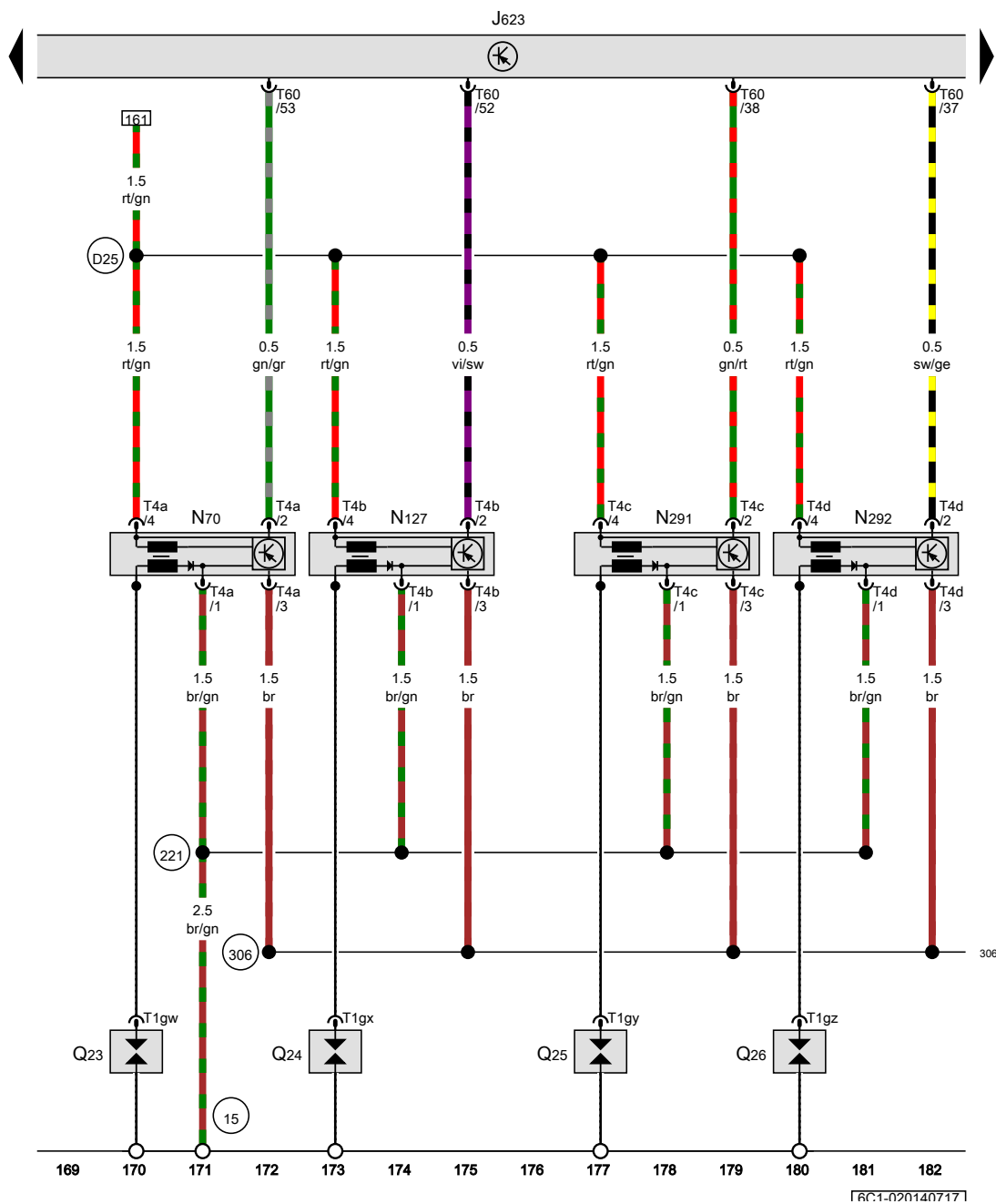
141 142 143 144 145 146 147 148 149 150 151 152 153 154

16C1-020120717



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- T2cp 2-pin connector
- T2cz 2-pin connector
- T2db 2-pin connector
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T60 60-pin connector
- TML Coupling point in engine compartment, left
- D141 Connection (5V) in engine prewiring harness

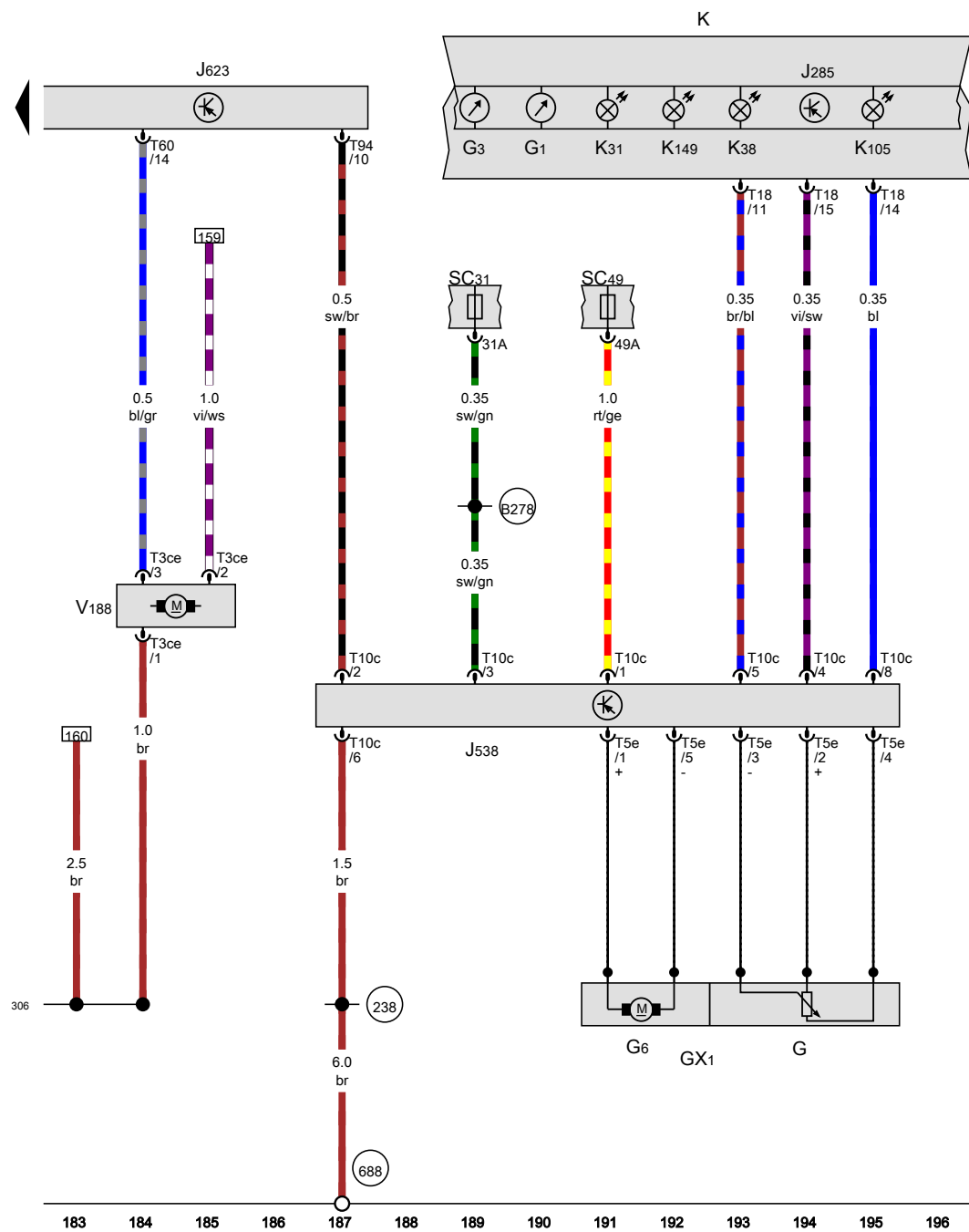


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T1gw 1-pin connector
- T1gx 1-pin connector
- T1gy 1-pin connector
- T1gz 1-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T4d 4-pin connector, black
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

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Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert, Charge air cooling pump

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC31 Fuse 31 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3ce 3-pin connector
- T5e 5-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector
- T60 60-pin connector
- T94 94-pin connector, black
- V188 Charge air cooling pump

- 238 Earth connection 1, in interior wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 688 Earth point 2, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness

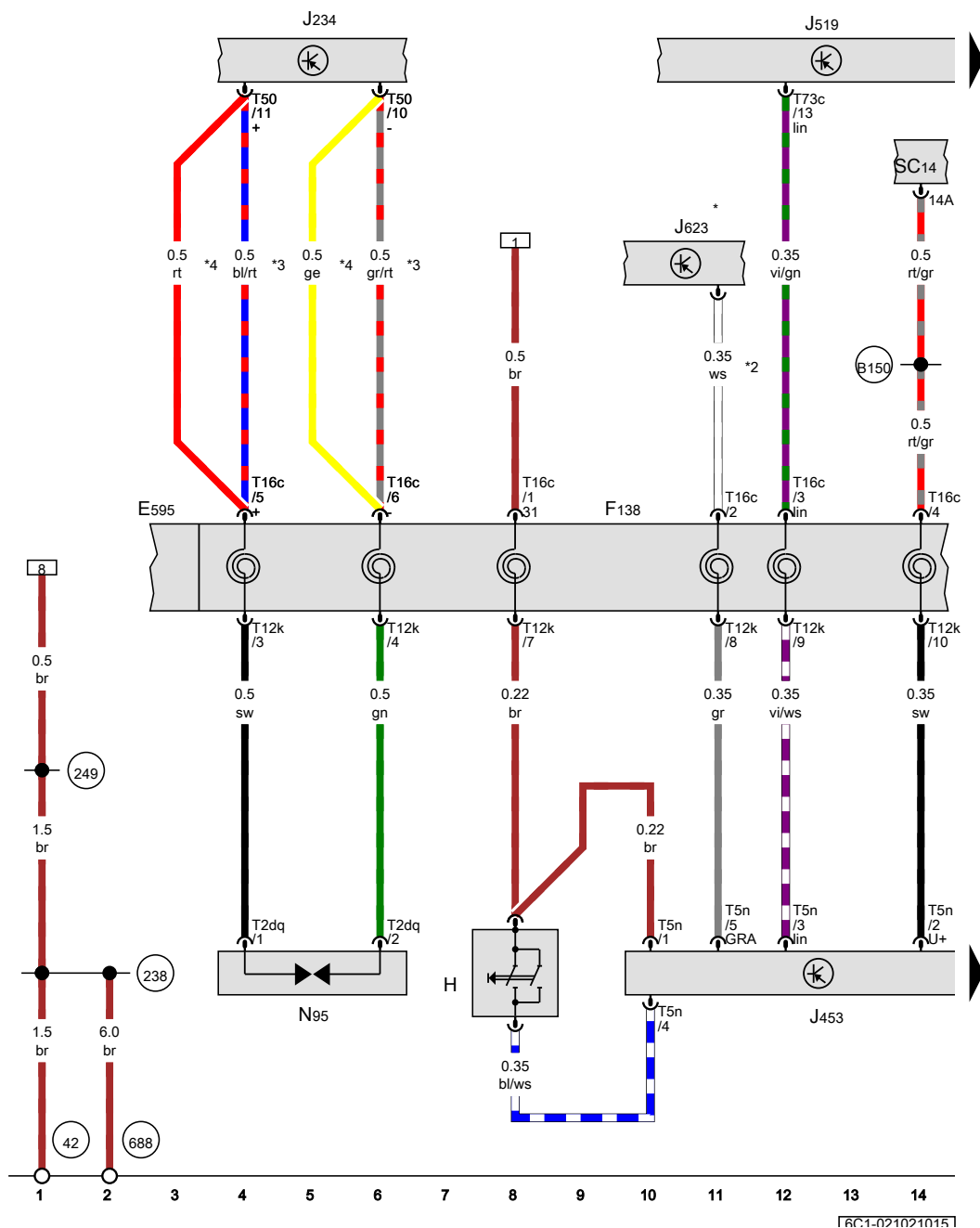
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[6C:1-020150717]

Multifunction steering wheel , (2FS),(2FW),(2PK),(2PU),(1XX),(2ZH)

From January 2014

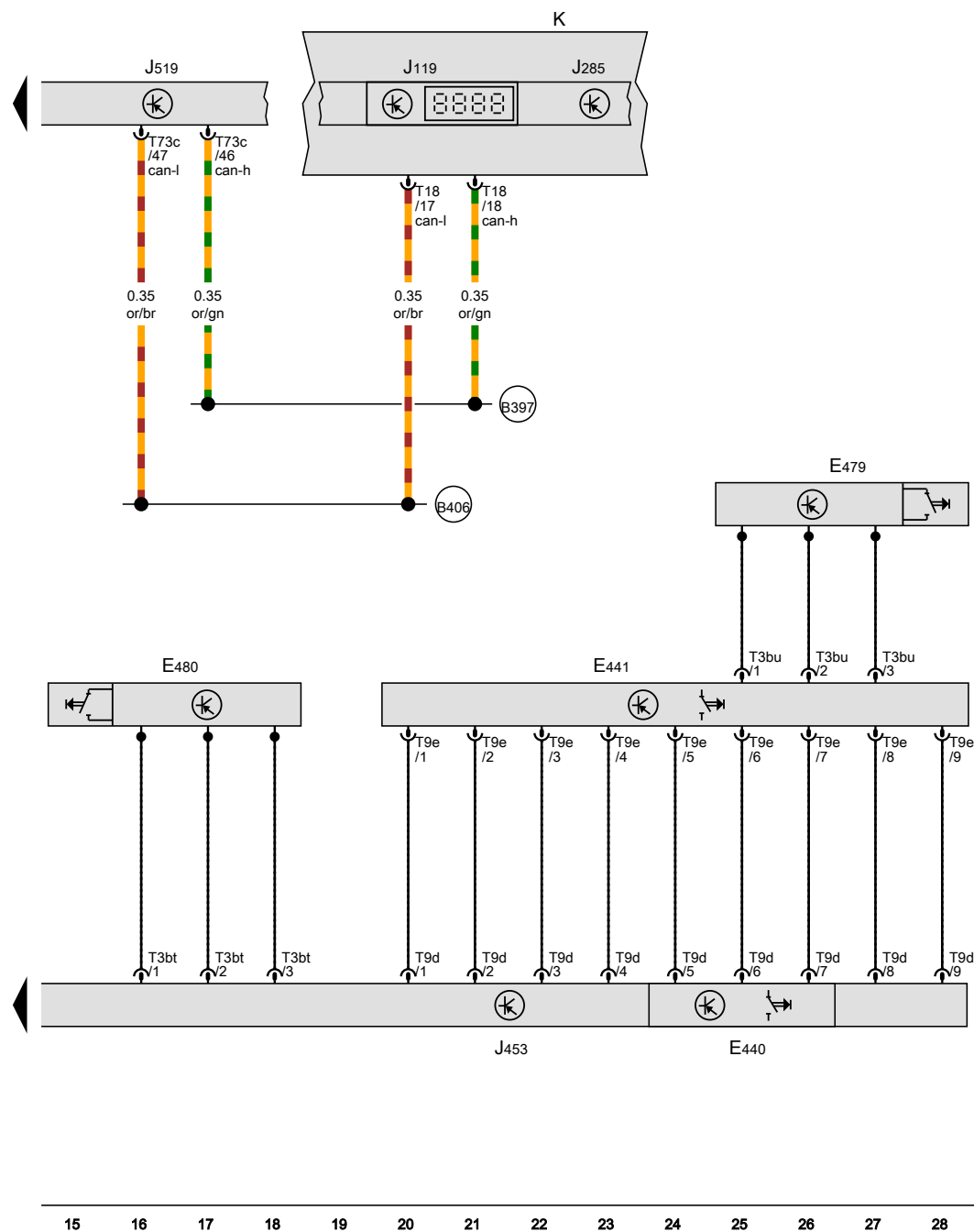
Horn plate, Airbag control unit, Multifunction steering wheel control unit, Onboard supply control unit, Driver side airbag igniter



- 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, in steering wheel
- J519 Onboard supply control unit
- J623 Engine control unit
- N95 Driver side airbag igniter
- SC14 Fuse 14 on fuse holder C
- T2dq 2-pin connector
- T5n 5-pin connector
- T12k 12-pin connector, yellow
- T16c 16-pin connector
- T50 50-pin connector
- T73c 73-pin connector

- 42 Earth point, next to steering column
- 238 Earth connection 1, in interior wiring harness
- 249 Earth connection 2, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B150 Positive connection 2 (30a), in interior wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with cruise control system (CCS)
- *3 Only left-hand drive models
- *4 Only right-hand drive models

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Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift up), Tiptronic switch (shift down), Multifunction indicator, Multifunction steering wheel control unit, Onboard supply control unit, Dash panel insert

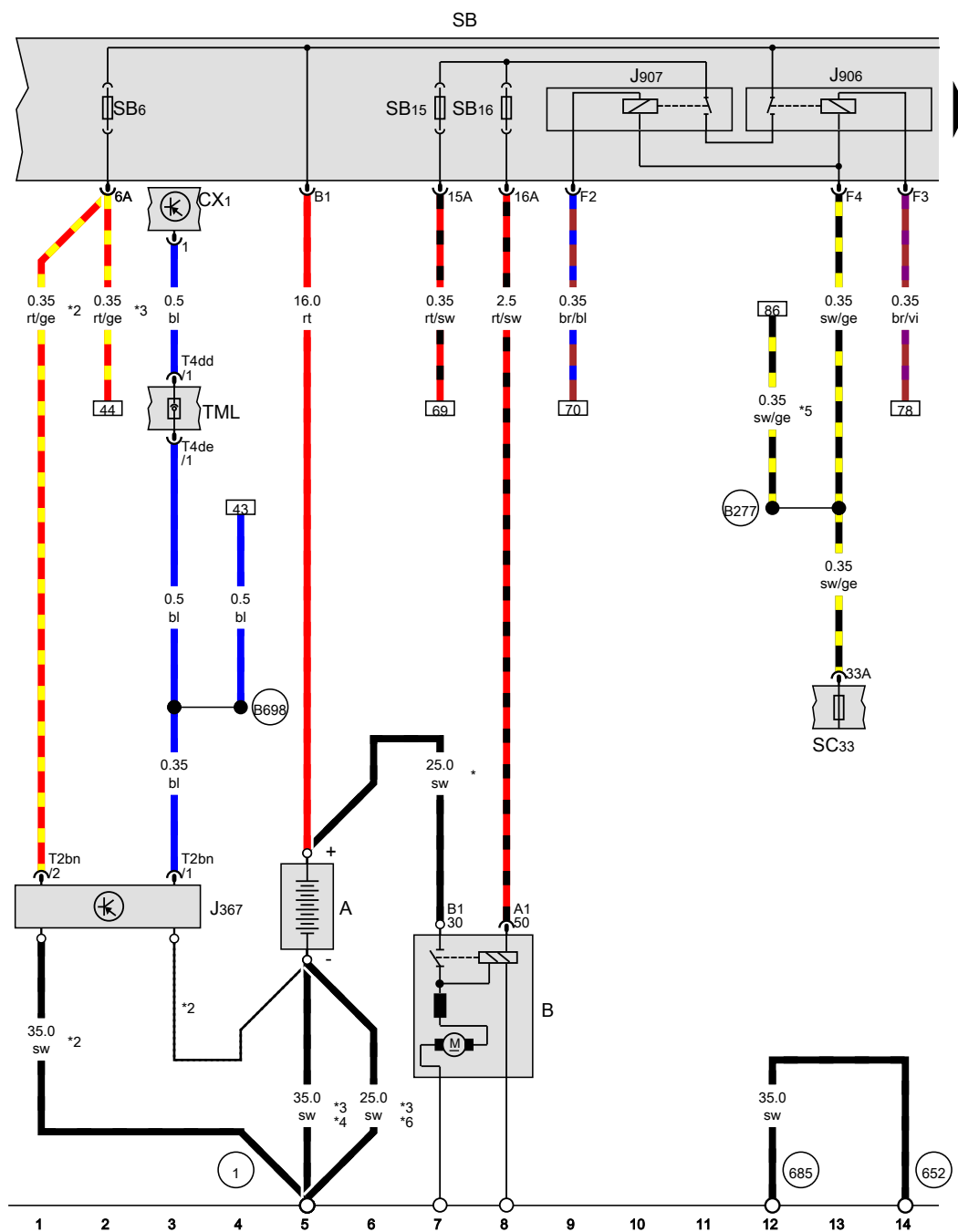
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E479 Tiptronic switch (shift up)
- E480 Tiptronic switch (shift down)
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- K Dash panel insert
- T3bt 3-pin connector
- T3bu 3-pin connector
- T9d 9-pin connector
- T9e 9-pin connector
- T18 18-pin connector
- T73c 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

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1.4l diesel engine , CUSA,CUSB,CUTA

From January 2014



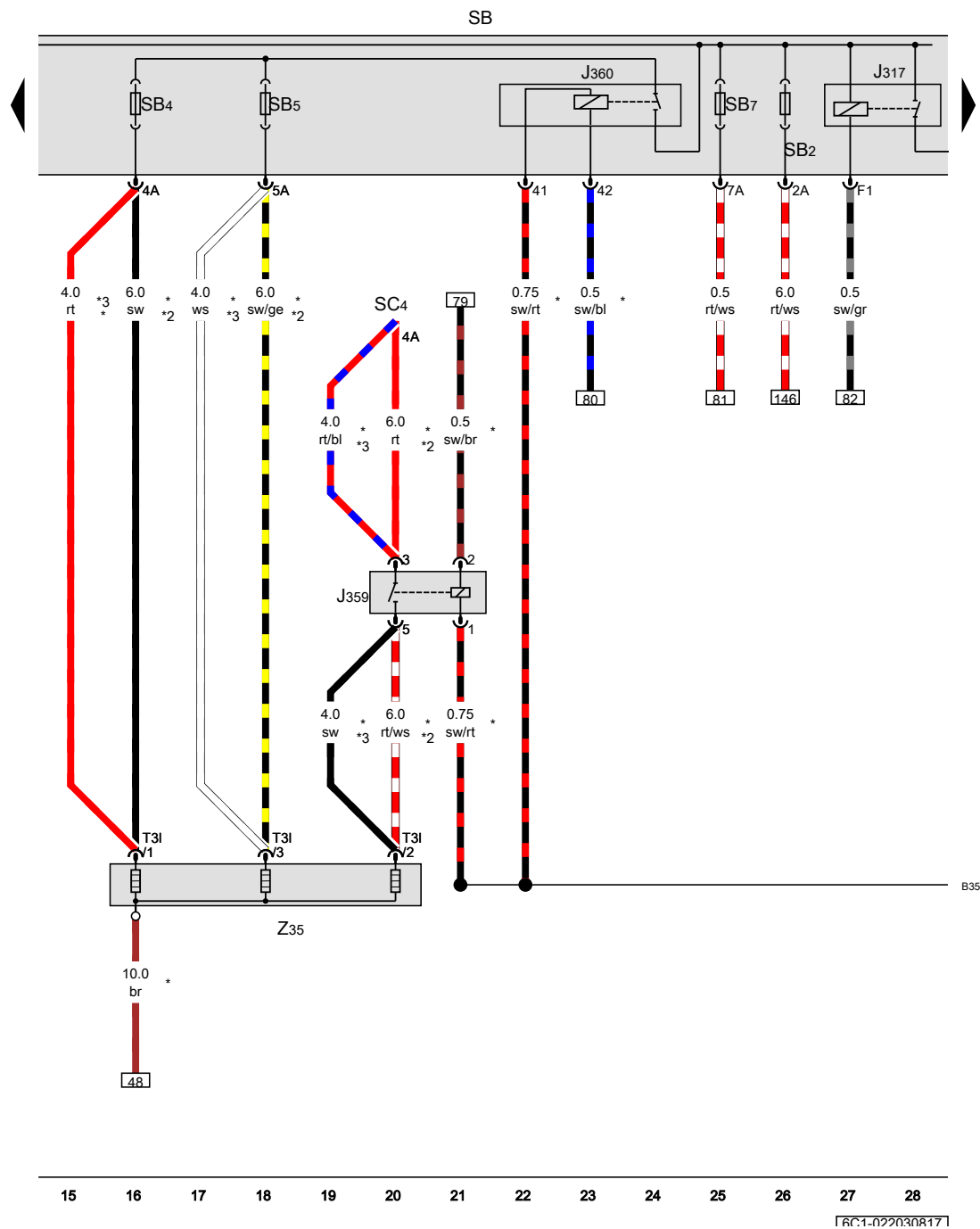
Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC33 Fuse 33 on fuse holder C
- T2bn 2-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

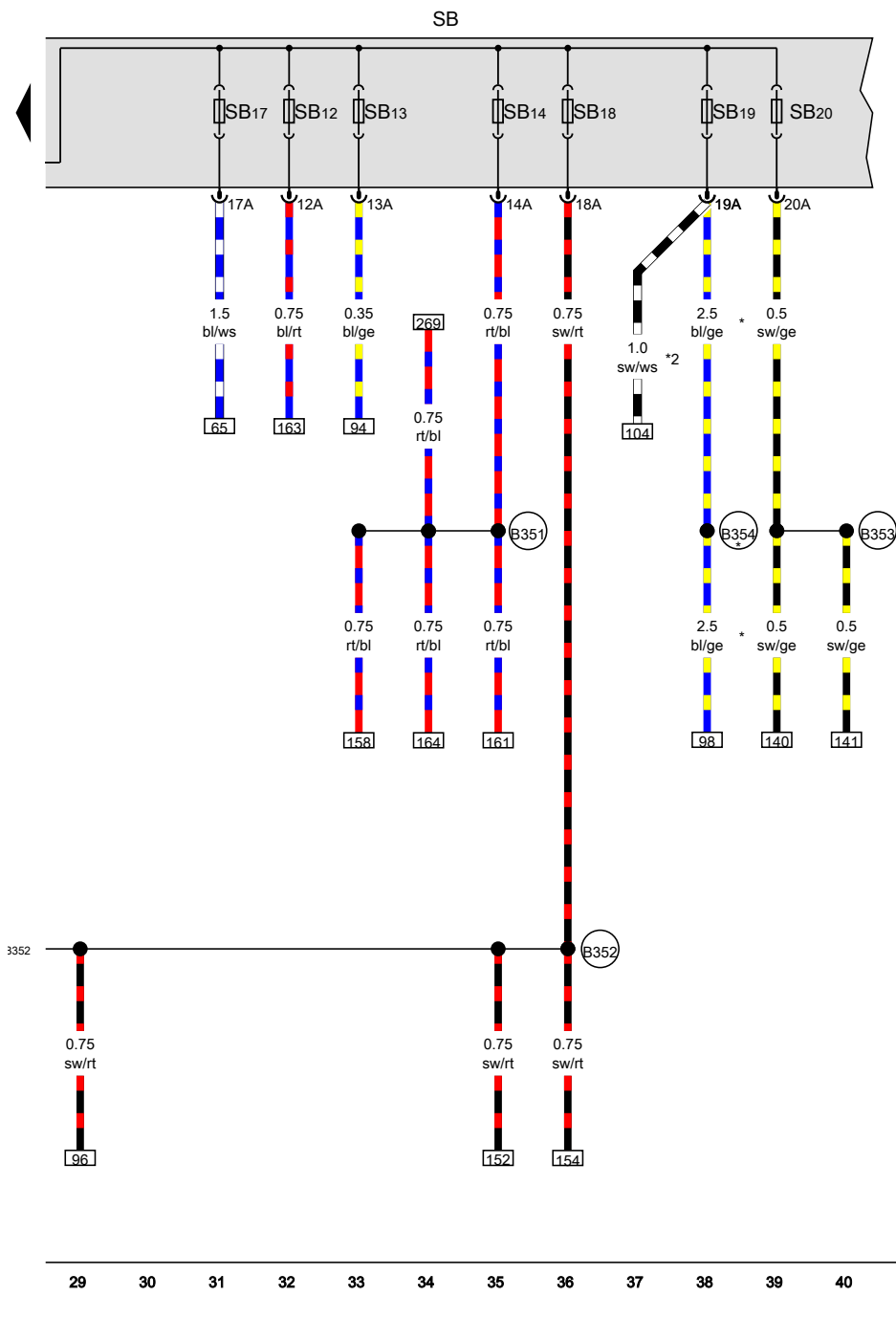
- * Cross section depends on equipment
- *2 For models with start/stop system
- *3 For models with no start/stop system
- *4 Up to May 2016
- *5 For models with manual gearbox
- *6 From May 2016

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Terminal 30 voltage supply relay, High heat output relay, Fuse holder B, Auxiliary air heater element

- J317 Terminal 30 voltage supply relay
- J359 Low heat output relay
- J360 High heat output relay
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SC4 Fuse 4 on fuse holder C
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- T3I 3-pin connector, black
- Z35 Auxiliary air heater element
- B352 Positive connection 3 (87a) in main wiring harness
- * For models with auxiliary air heating
- *2 Up to May 2016
- *3 From May 2016

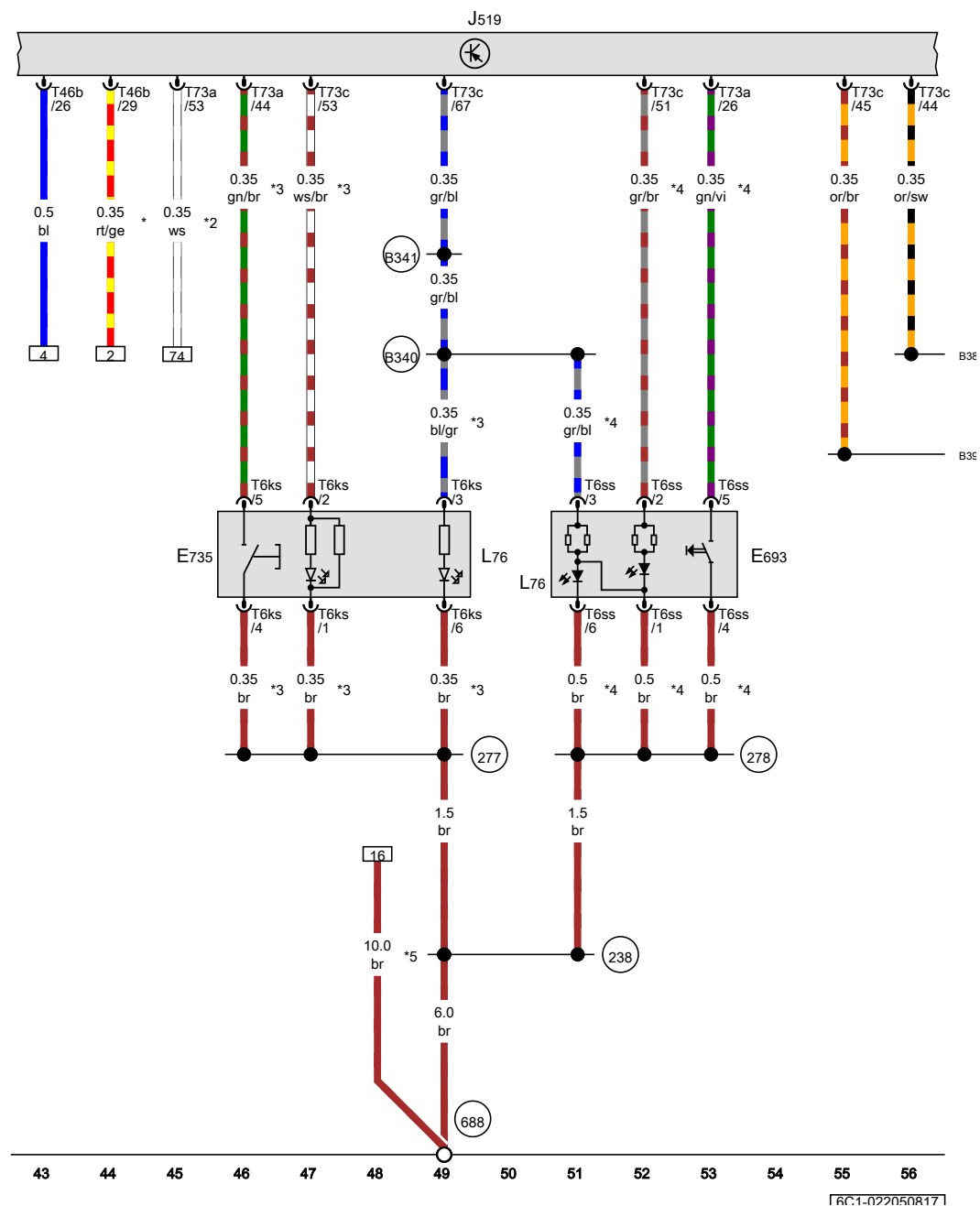


Fuse holder B

- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- B351 Positive connection 2 (87a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- * Up to May 2016
- *2 From May 2016

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 sw = black
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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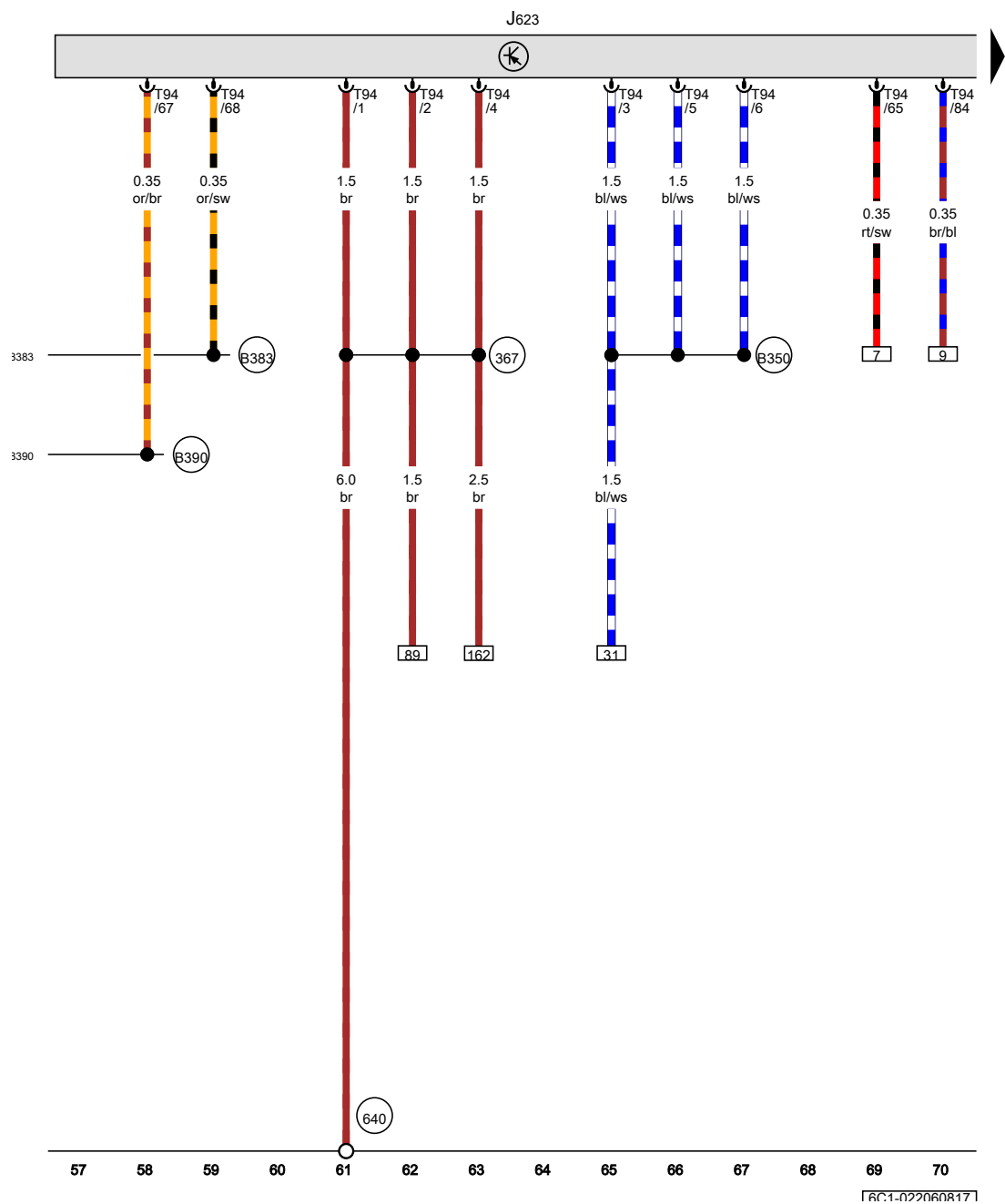
Start/Stop operation button, Driving mode selection button, Onboard supply control unit



- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T6ss 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * For models with no start/stop system
- *2 For models with cruise control system (CCS)
- *3 According to equipment
- *4 For models with start/stop system
- *5 For models with auxiliary air heating

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Engine/motor control unit

J623 Engine/motor control unit

T94 94-pin connector

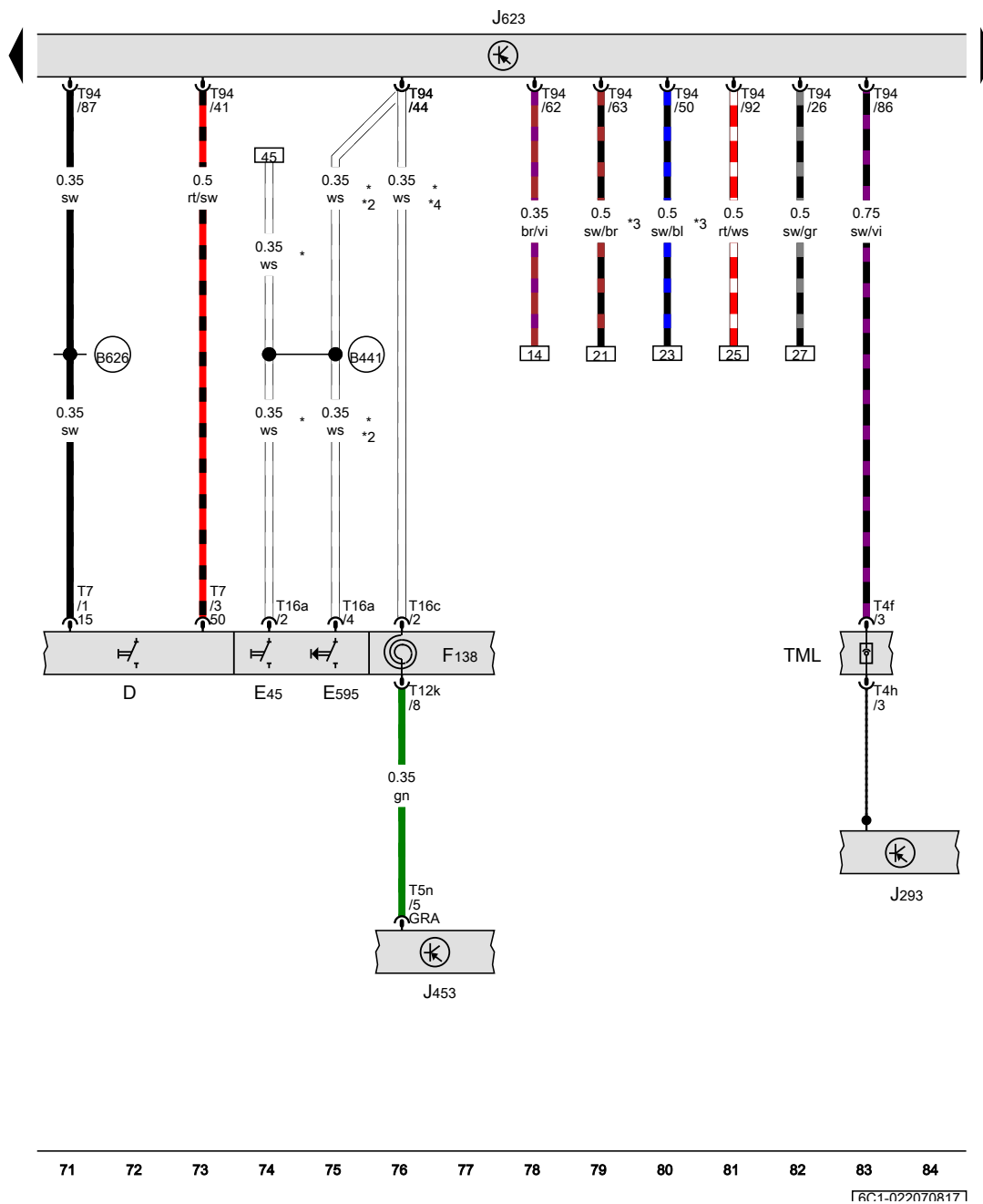
367 Earth connection 2, in main wiring harness

640 Earth point 2, left in engine compartment

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

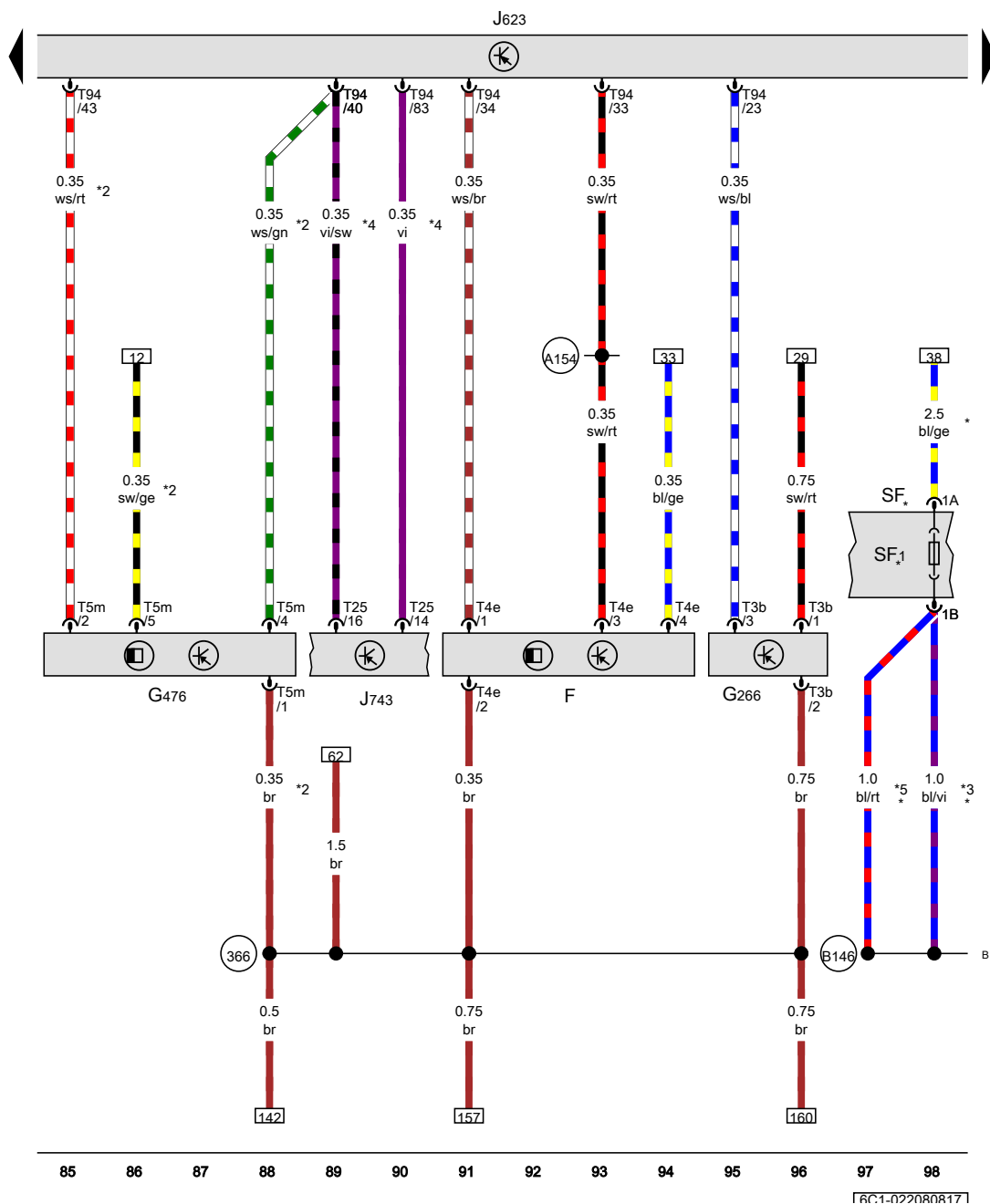
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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



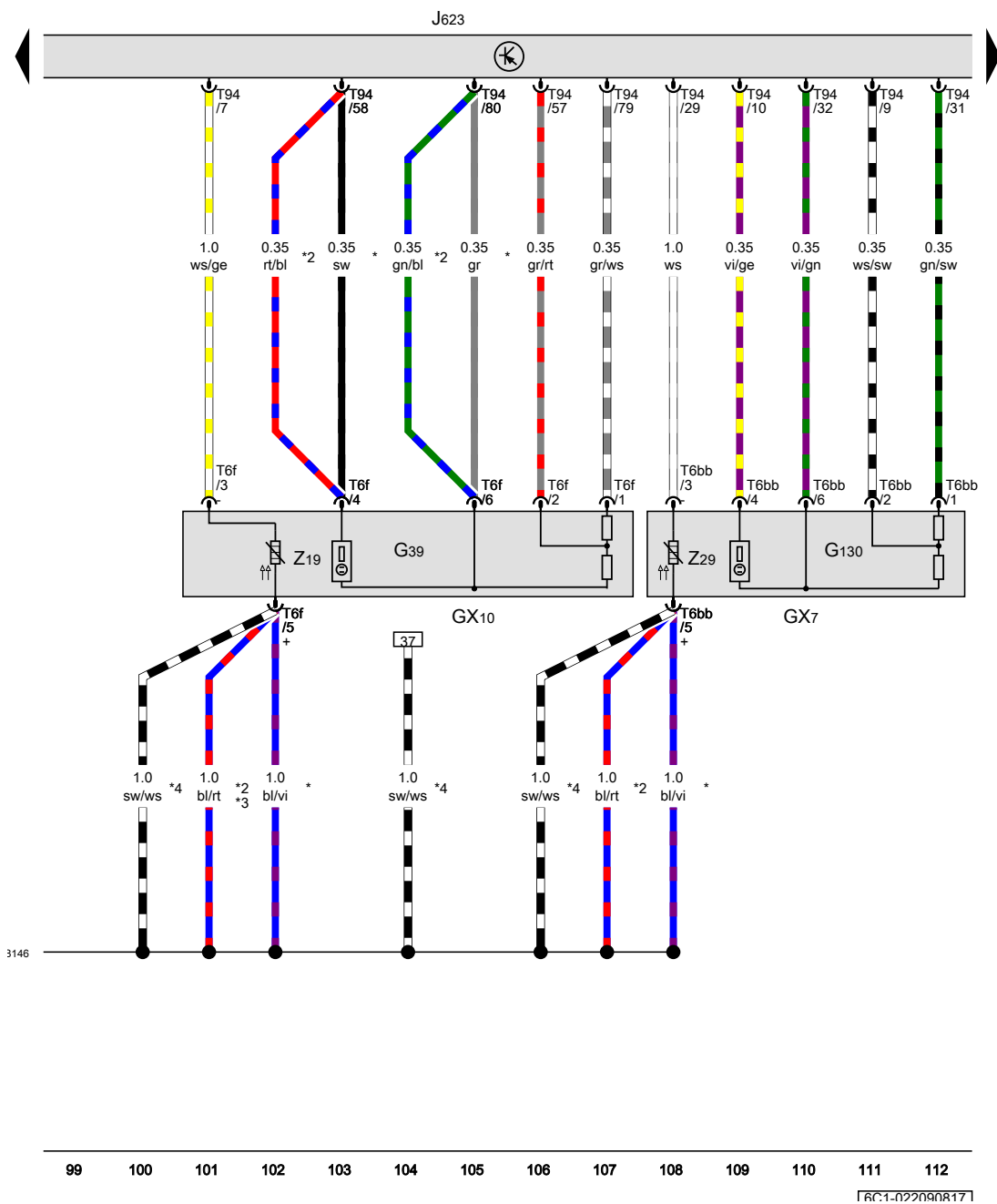
Steering column combination switch, Radiator fan control unit, Multifunction steering wheel control unit, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J293 Radiator fan control unit
- J453 Multifunction steering wheel control unit, in steering wheel
- J623 Engine/motor control unit
- T4f 4-pin connector, black
- T4h 4-pin connector, black
- T5n 5-pin connector
- T7 7-pin connector
- T12k 12-pin connector, yellow
- T16a 16-pin connector
- T16c 16-pin connector
- T94 94-pin connector
- TML Coupling point in engine compartment, left
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with cruise control system (CCS)
- *2 For models with no Tiptronic
- *3 For models with auxiliary air heating
- *4 For models with Tiptronic



Brake light switch, Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F: Brake light switch
- G266: Oil level and oil temperature sender
- G476: Clutch position sender
- J623: Engine/motor control unit
- J743: Mechatronic unit for dual clutch gearbox
- SF: Fuse holder F
- SF1: Fuse 1 in fuse holder F
- T3b: 3-pin connector, black
- T4e: 4-pin connector, black
- T5m: 5-pin connector, black
- T25: 25-pin connector
- T94: 94-pin connector
- 366: Earth connection 1, in main wiring harness
- A154: Connection (brake pedal switch), in dash panel wiring harness
- B146: Positive connection 1 (87), in interior wiring harness
- *: Up to May 2016
- *2: For models with manual gearbox
- *3: Gradually discontinued
- *4: For models with dual clutch gearbox 0AM
- *5: gradual introduction



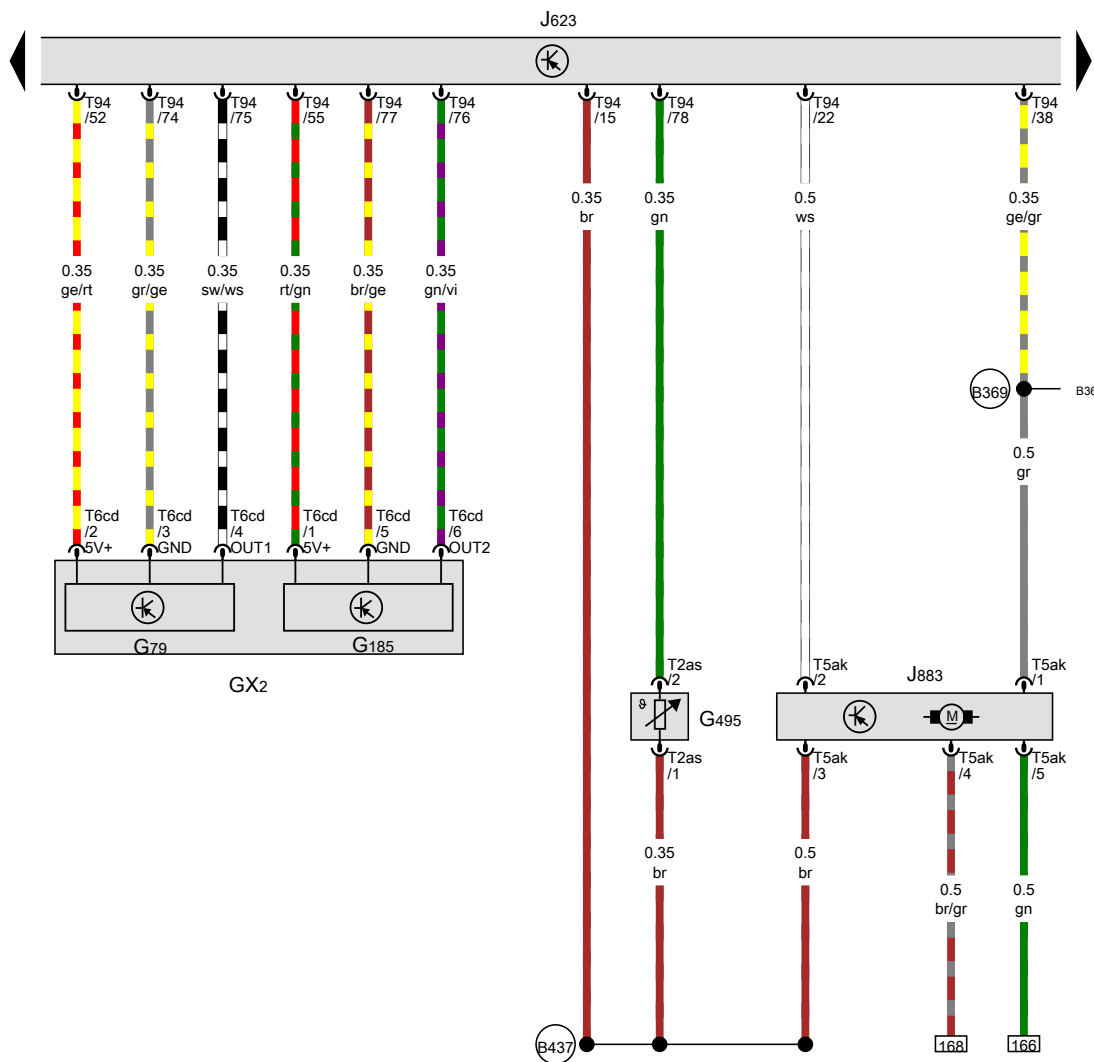
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T6bb 6-pin connector
- T6f 6-pin connector, brown
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

- * Gradually discontinued
- *2 gradual introduction
- *3 Up to May 2016
- *4 From May 2016

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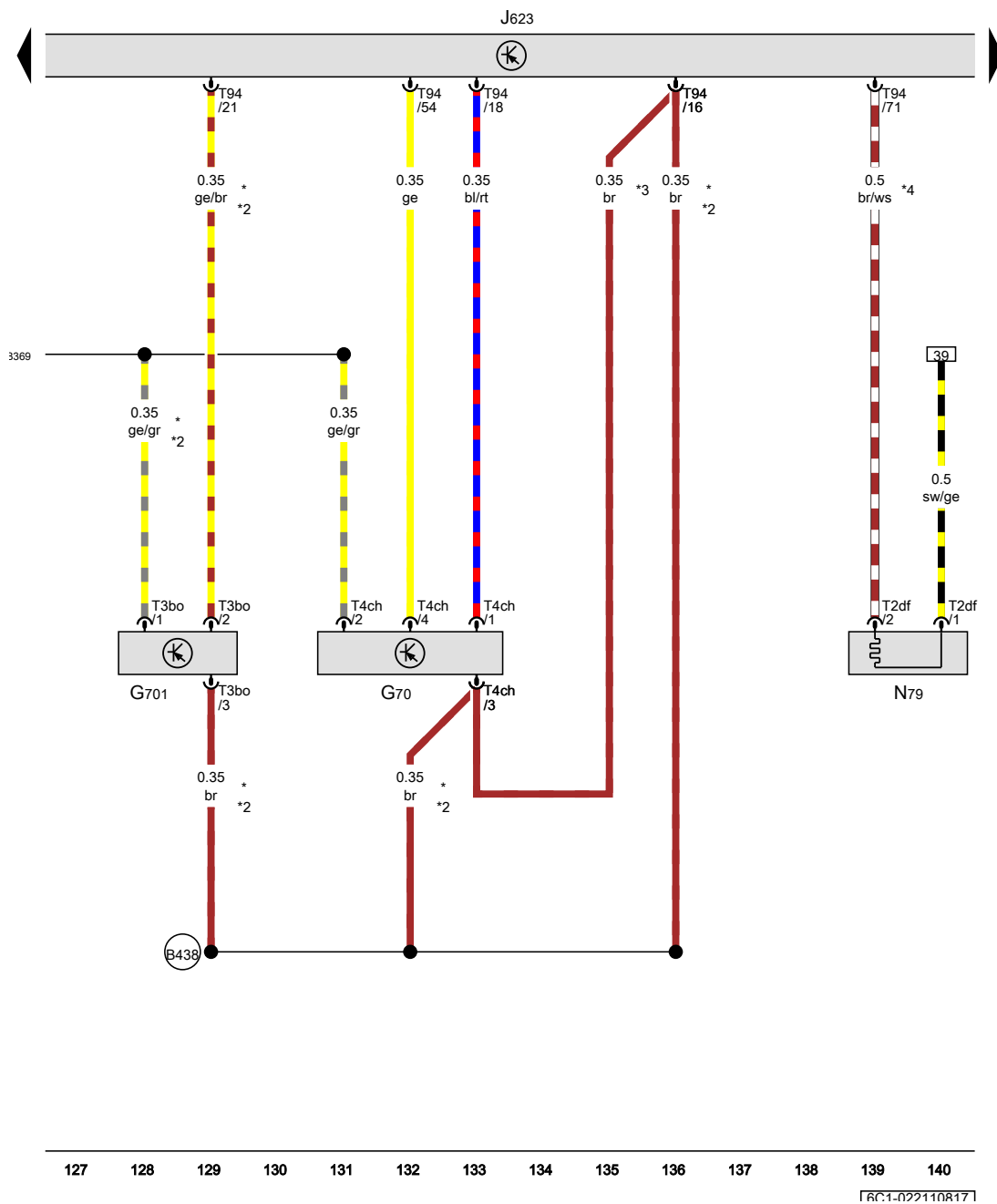
Accelerator pedal module, Exhaust gas temperature sender 3, Engine/motor control unit, Exhaust flap control unit

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G495 Exhaust gas temperature sender 3
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2as 2-pin connector, brown
- T5ak 5-pin connector, black
- T6cd 6-pin connector, black
- T94 94-pin connector

B369 Connection 1 (5V), in main wiring harness

B437 Connection 1 (GND (earth)), in main wiring harness

- ws = white
- sw = black
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- gr = grey
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- or = orange
- rs = pink



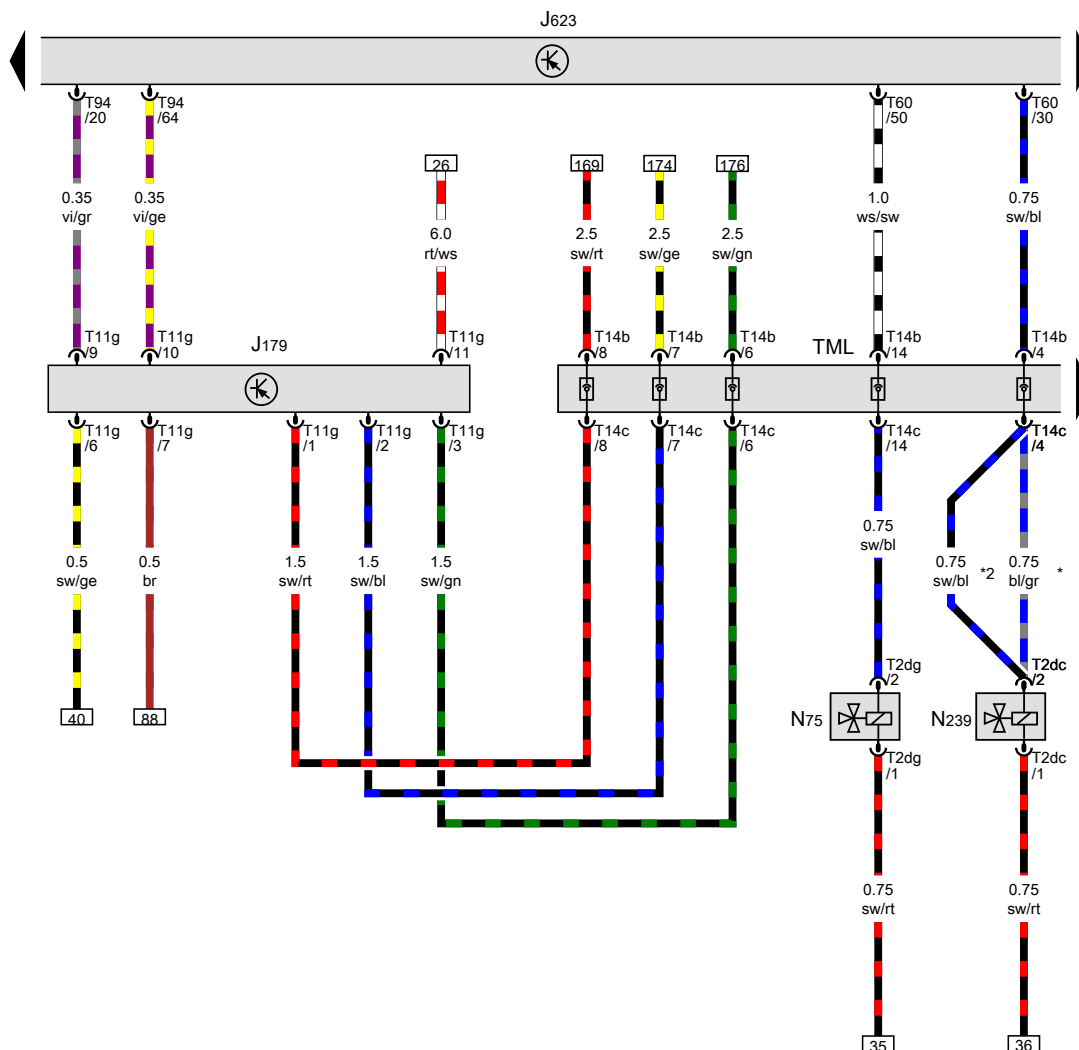
Air mass meter, Gearbox neutral position sender, Engine/motor control unit, Heater element for crankcase breather

- G70 Air mass meter
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- N79 Heater element for crankcase breather
- T2df 2-pin connector, black
- T3bo 3-pin connector, brown
- T4ch 4-pin connector, black
- T94 94-pin connector

B369 Connection 1 (5V), in main wiring harness

B438 Connection 2 (GND (earth)), in main wiring harness

- * For models with start/stop system
- *2 For models with manual gearbox
- *3 For models with no start/stop system
- *4 For models with crankcase breather heater element



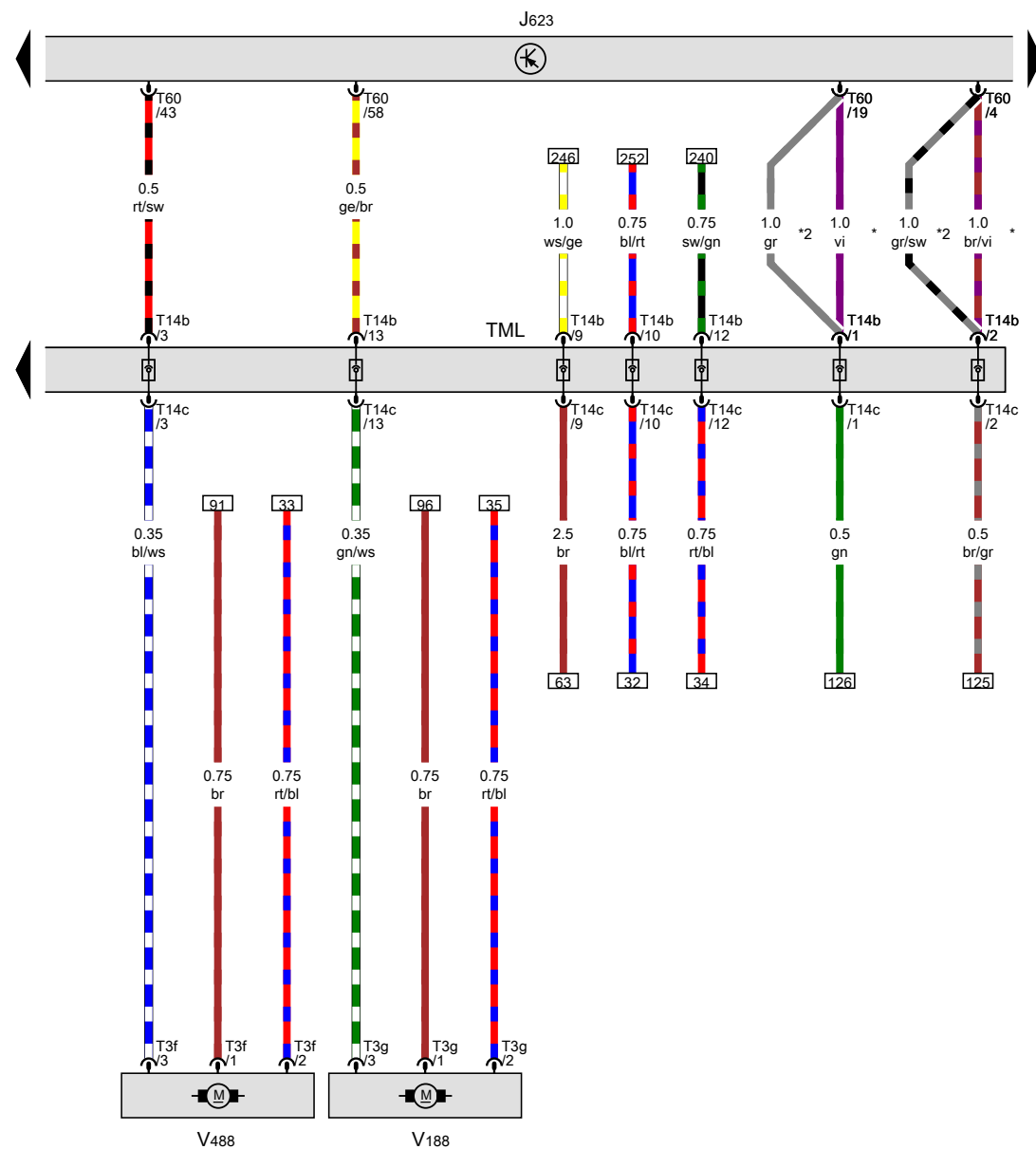
Automatic glow period control unit, Engine/motor control unit, Charge pressure control solenoid valve, Variable intake manifold flap changeover valve

- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N239 Variable intake manifold flap changeover valve
- T2dc 2-pin connector
- T2dg 2-pin connector
- T11g 11-pin connector
- T14b 14-pin connector, grey
- T14c 14-pin connector
- T60 60-pin connector, black
- T94 94-pin connector
- TML Coupling point in engine compartment, left
- * Gradually discontinued
- *2 gradual introduction

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

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

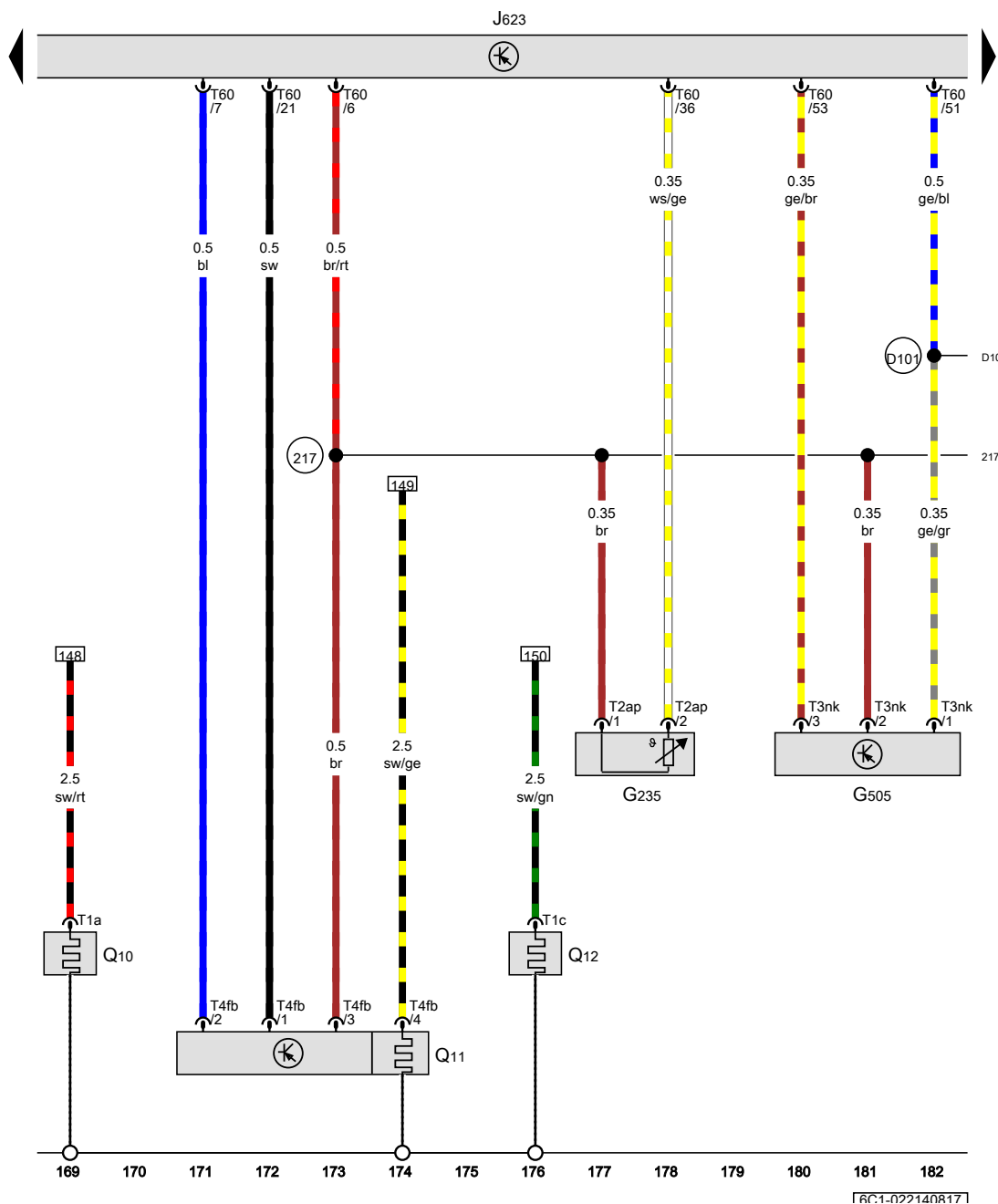
[6C:1-022120R17]



Engine/motor control unit, Charge air cooling pump, Auxiliary pump for heating

- J623 Engine/motor control unit
- T3f 3-pin connector, black
- T3g 3-pin connector, black
- T14b 14-pin connector, grey
- T14c 14-pin connector
- T60 60-pin connector, black
- TML Coupling point in engine compartment, left
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- * Up to May 2016
- *2 From May 2016

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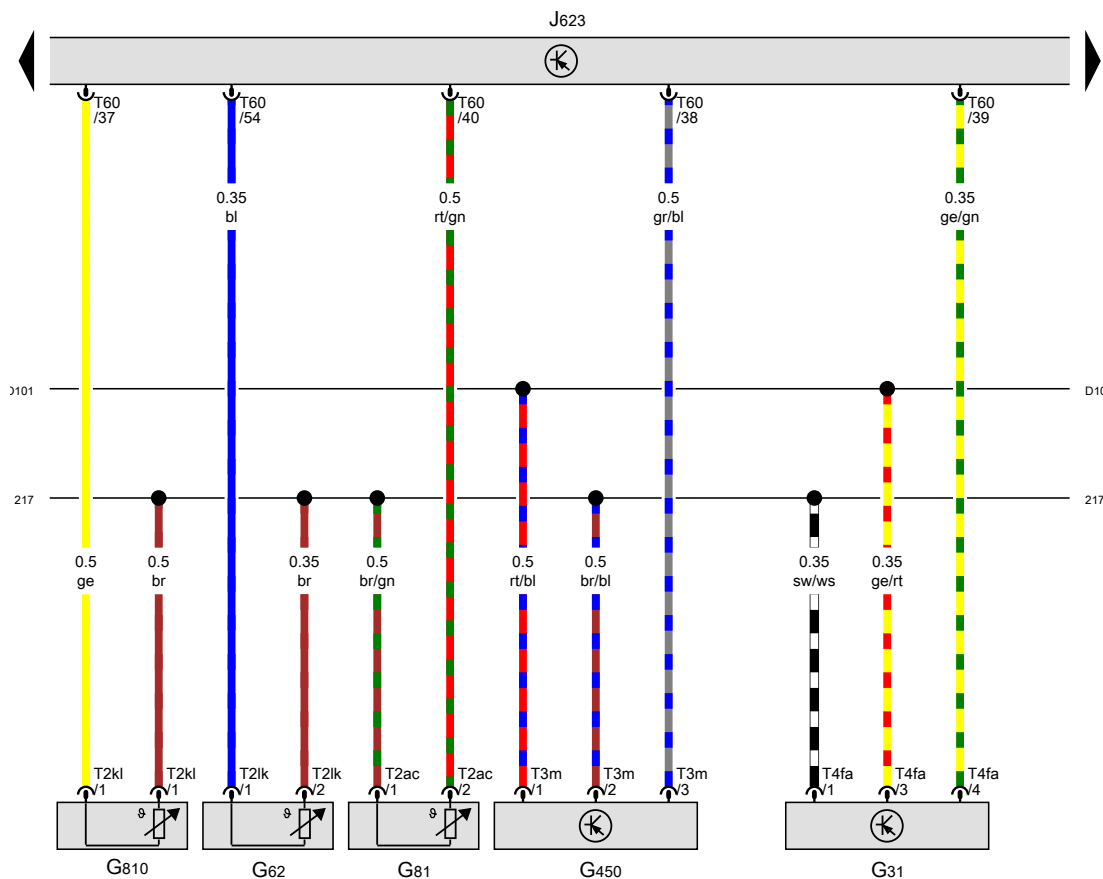


Exhaust gas temperature sender 1, Pressure differential sender, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3

- G235 Exhaust gas temperature sender 1
- G505 Pressure differential sender
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- T1a 1-pin connector, black
- T1c 1-pin connector, black
- T2ap 2-pin connector, black
- T3nk 3-pin connector, black
- T4fb 4-pin connector, black
- T60 60-pin connector, black

217 Earth connection 1, in glow plug system wiring harness

D101 Connection 1 in engine compartment wiring harness



Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas pressure sensor 1, Charge air temperature sender before charge air cooler, Engine/motor control unit

- G31 Charge pressure sender
- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G450 Exhaust gas pressure sensor 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine/motor control unit
- T2ac 2-pin connector
- T2kl 2-pin connector
- T2lk 2-pin connector, brown
- T3m 3-pin connector, black
- T4fa 4-pin connector, black
- T60 60-pin connector, black

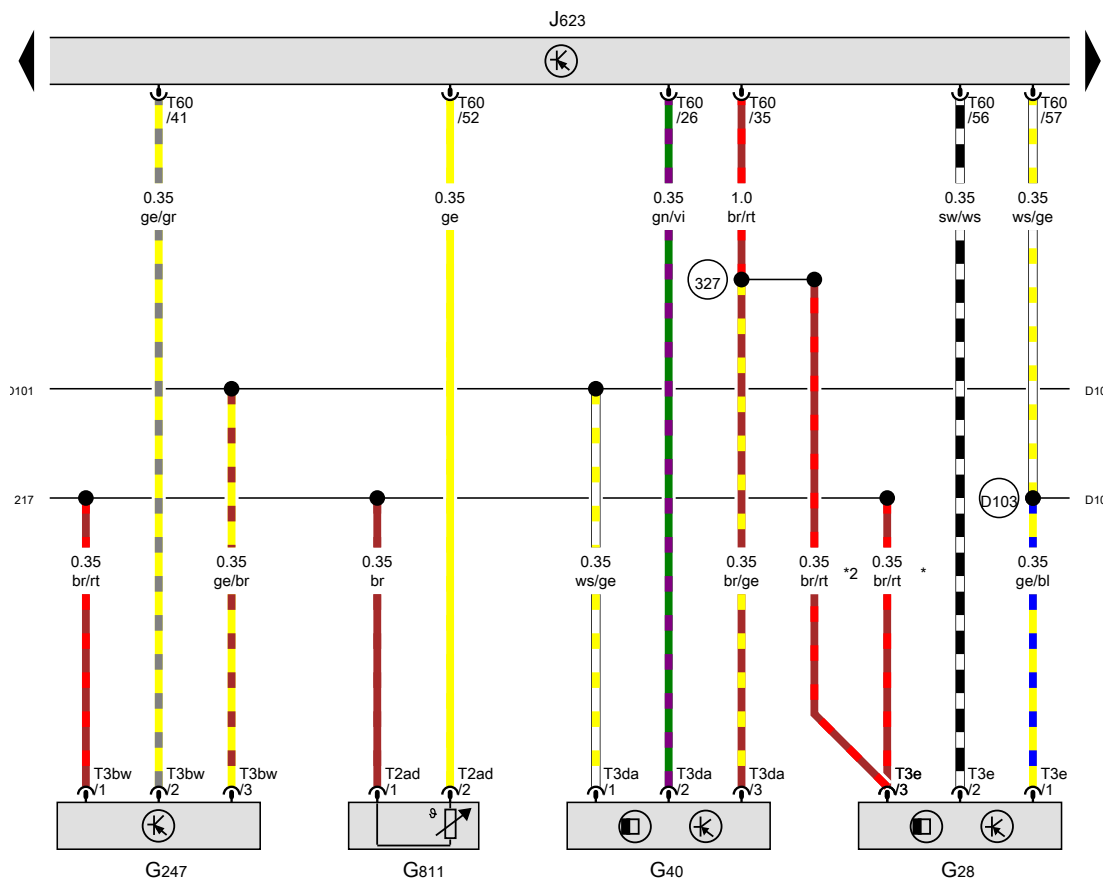
217 Earth connection 1, in glow plug system wiring harness

D101 Connection 1 in engine compartment wiring harness

- ws = white
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- rt = red
- br = brown
- gn = green
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- gr = grey
- li = purple
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183 184 185 186 187 188 189 190 191 192 193 194 195 196

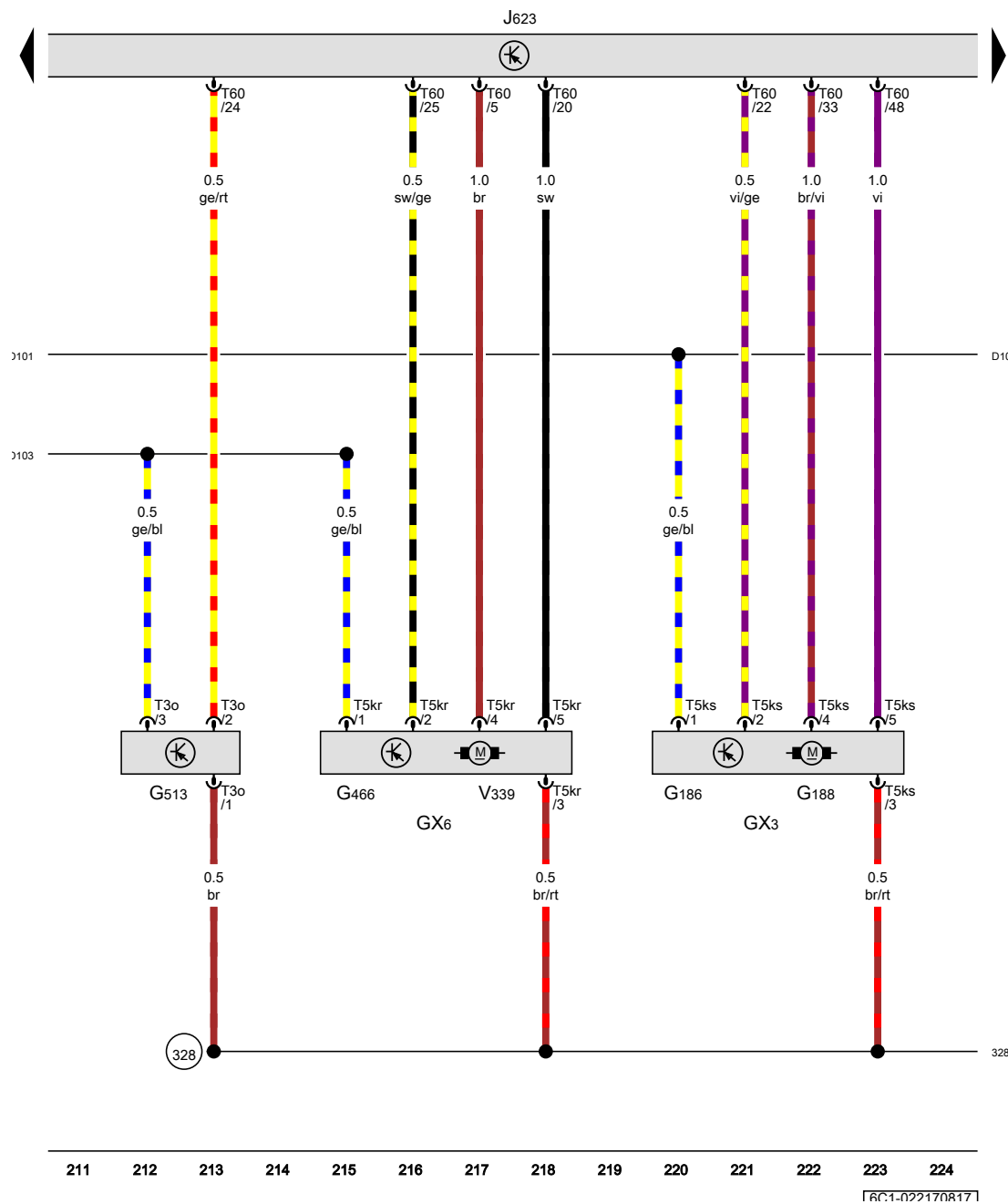
[6C1-022150R17]



Engine speed sender, Hall sender, Fuel pressure sender, Charge air temperature sender after charge air cooler, Engine/motor control unit

- G28 Engine speed sender
- G40 Hall sender
- G247 Fuel pressure sender
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2ad 2-pin connector, black
- T3bw 3-pin connector, black
- T3da 3-pin connector, black
- T3e 3-pin connector, black
- T60 60-pin connector, black
- 217 Earth connection 1, in glow plug system wiring harness
- 327 Earth connection (sender earth), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * gradual introduction
- *2 Gradually discontinued

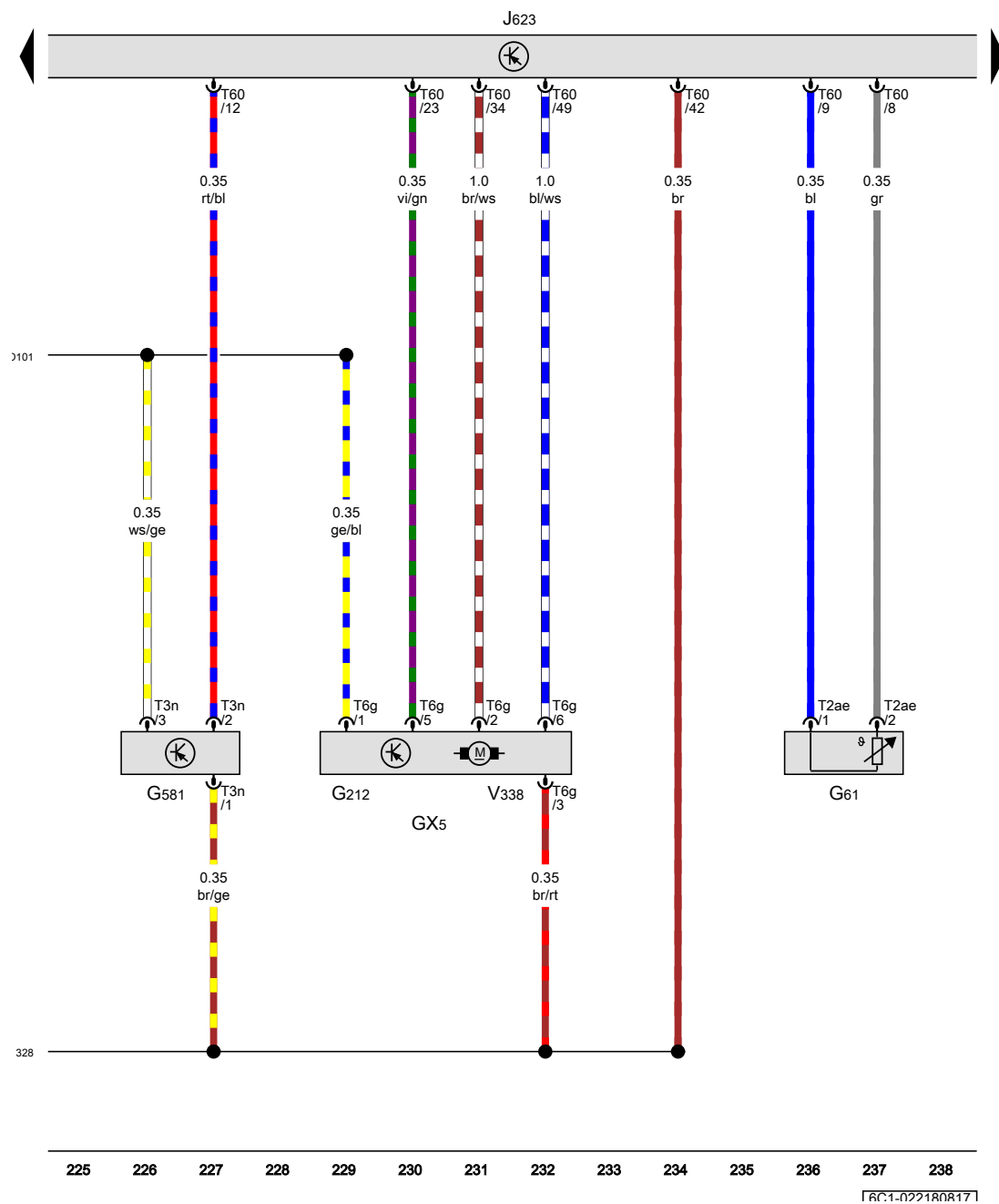
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Throttle valve module, Exhaust gas recirculation valve 2, Variable intake manifold position sender, Engine/motor control unit

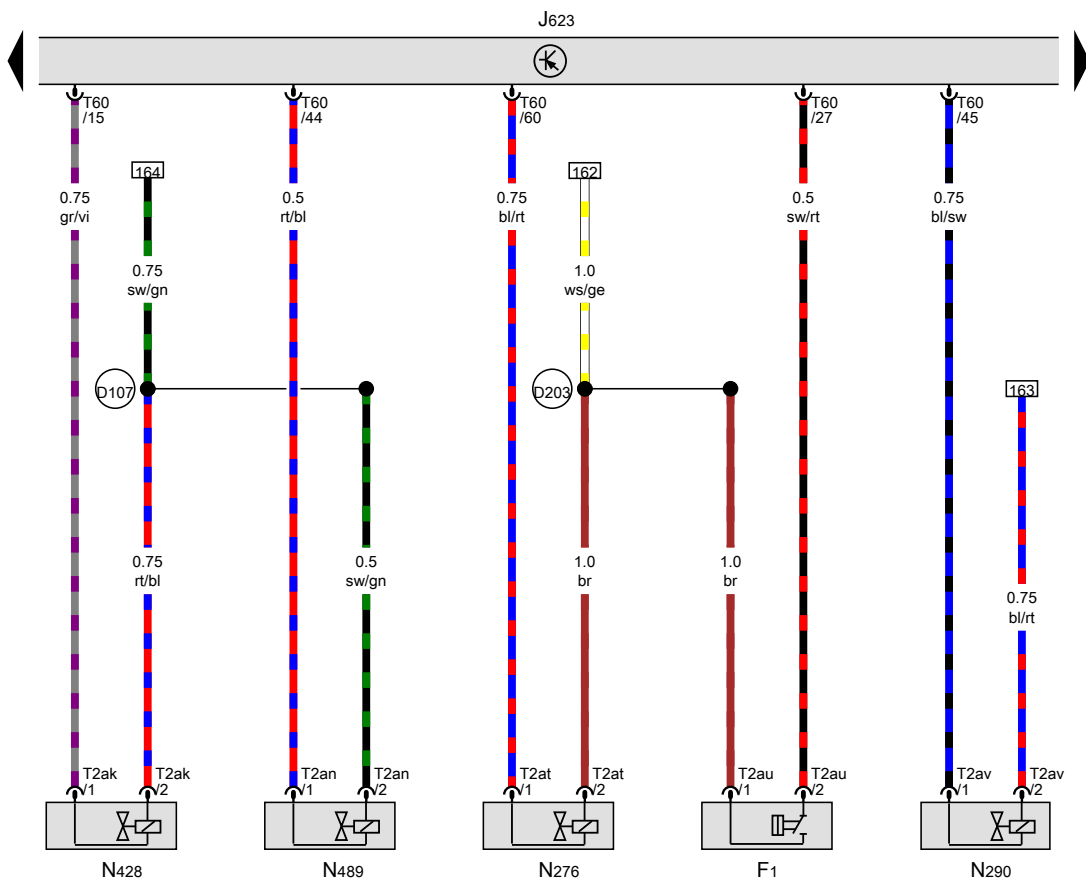
- GX3 Throttle valve module
- GX6 Exhaust gas recirculation valve 2
- G186 Throttle valve drive for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G466 Exhaust gas recirculation potentiometer 2
- G513 Variable intake manifold position sender
- J623 Engine/motor control unit
- T3o 3-pin connector, blue
- T5kr 5-pin connector, black
- T5ks 5-pin connector, black
- T60 60-pin connector, black
- V339 Exhaust gas recirculation control motor 2
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

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Exhaust gas recirculation valve 1, Knock sensor 1, Position sender for charge pressure positioner, Engine/motor control unit

- GX5 Exhaust gas recirculation valve 1
- G61 Knock sensor 1
- G212 Exhaust gas recirculation potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2ae 2-pin connector, black
- T3n 3-pin connector, brown
- T6g 6-pin connector, grey
- T60 60-pin connector, black
- V338 Exhaust gas recirculation control motor
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness



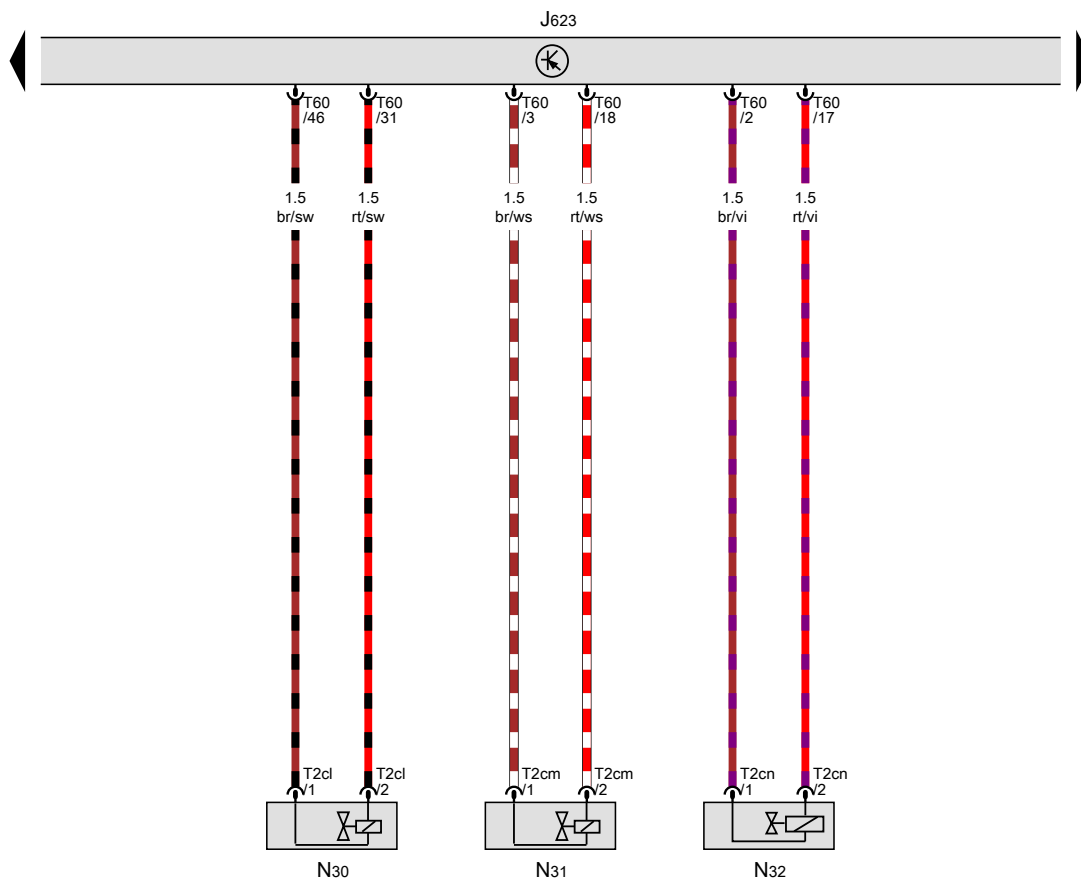
Oil pressure switch, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head

- F1 Oil pressure switch
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2ak 2-pin connector, black
- T2an 2-pin connector, brown
- T2at 2-pin connector, black
- T2au 2-pin connector, red
- T2av 2-pin connector, black
- T60 60-pin connector, black
- D107 Connection 5 in engine compartment wiring harness
- D203 Connection (oil pressure switch) in engine compartment wiring harness

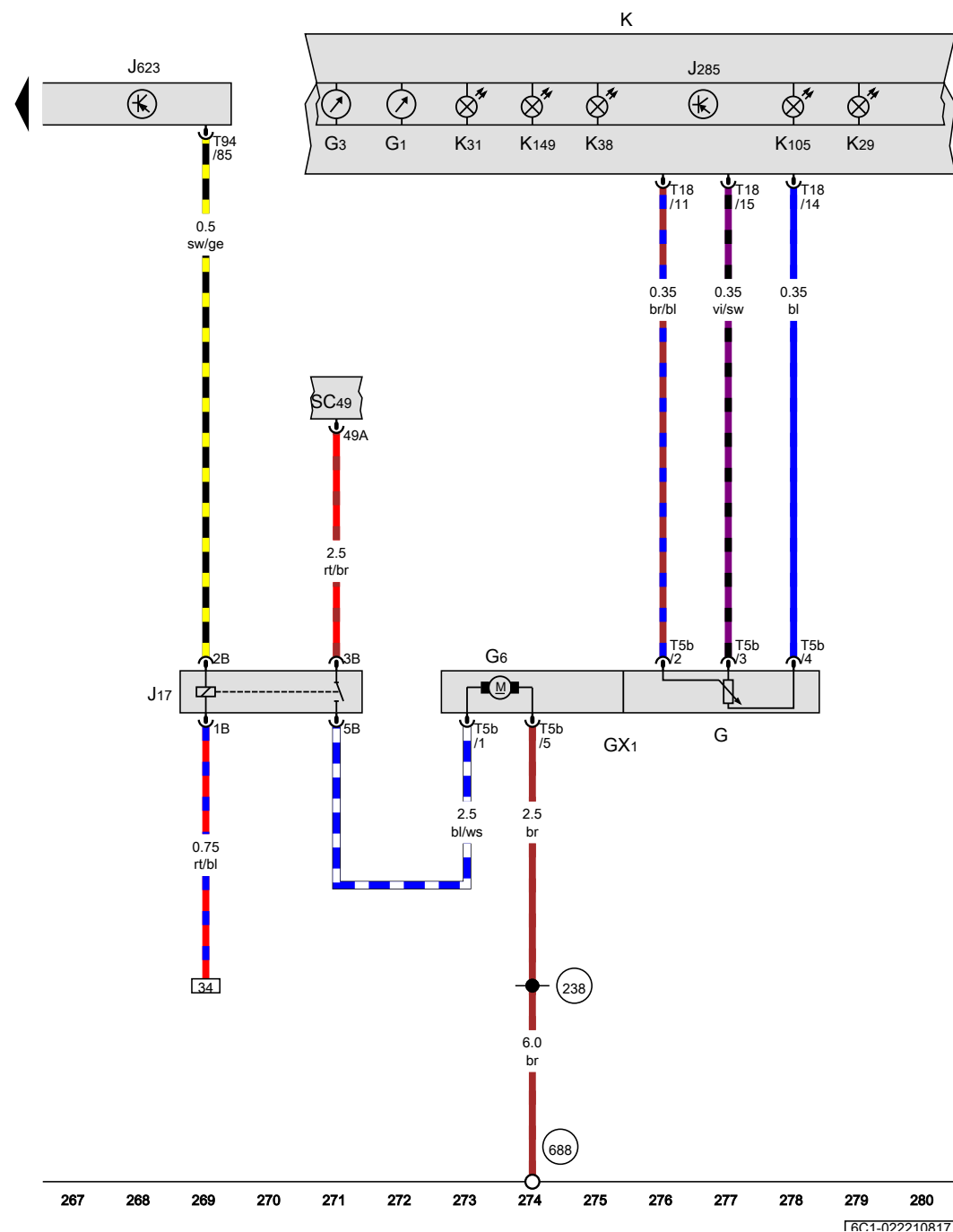
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Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

J623 Engine/motor control unit
 N30 Injector, cylinder 1
 N31 Injector, cylinder 2
 N32 Injector, cylinder 3
 T2cl 2-pin connector, black
 T2cm 2-pin connector, black
 T2cn 2-pin connector, black
 T60 60-pin connector, black



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Fuel delivery unit, Fuel gauge, Coolant temperature gauge, Fuel system pressurisation pump, Fuel pump relay, Engine/motor control unit, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- J623 Engine/motor control unit
- K Dash panel insert
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC49 Fuse 49 on fuse holder C
- T5b 5-pin connector, black
- T18 18-pin connector, black
- T94 94-pin connector

238 Earth connection 1, in interior wiring harness

688 Earth point 2, on centre tunnel

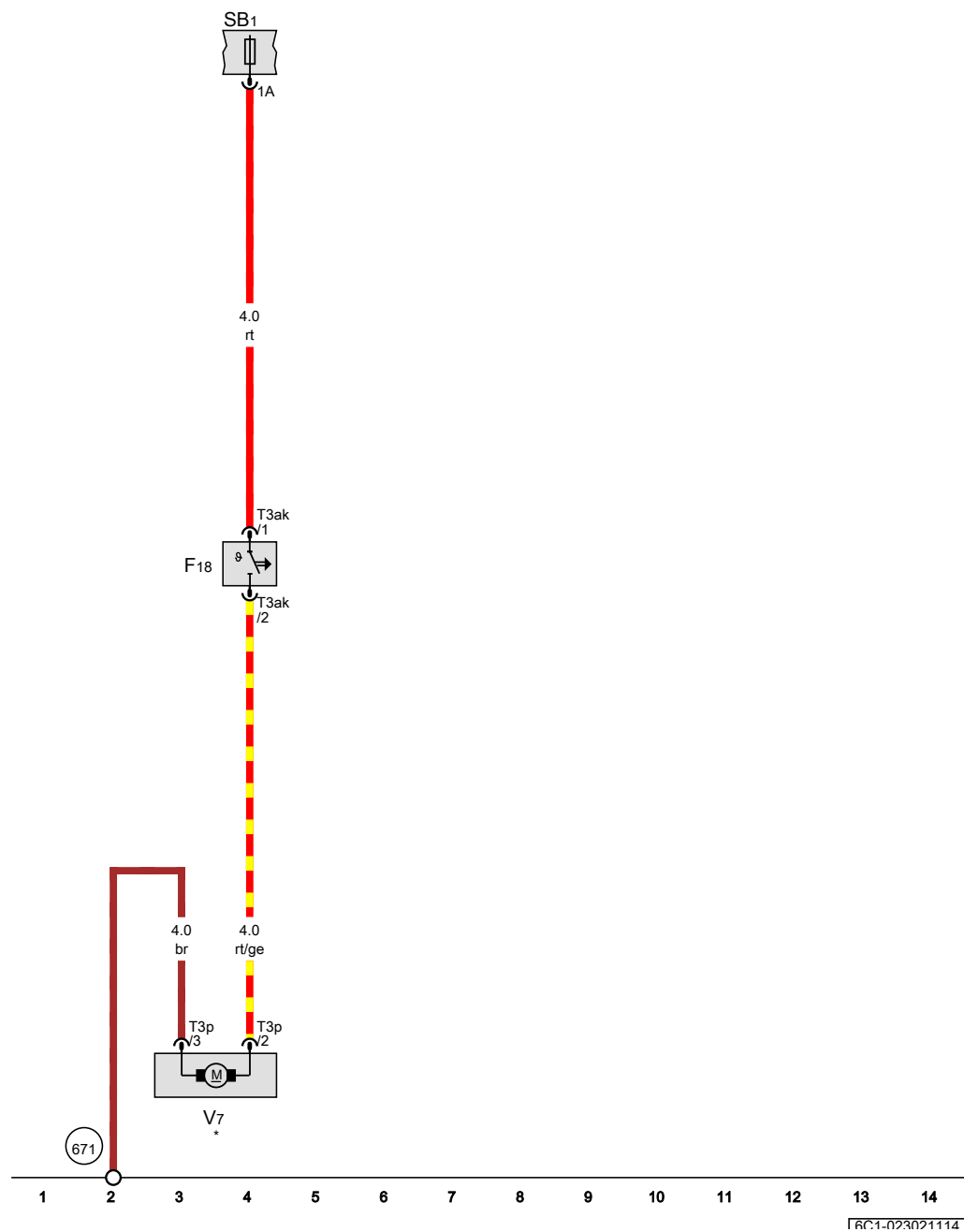
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Radiator fan, one-speed

From January 2014

Radiator fan thermal switch, Radiator fan

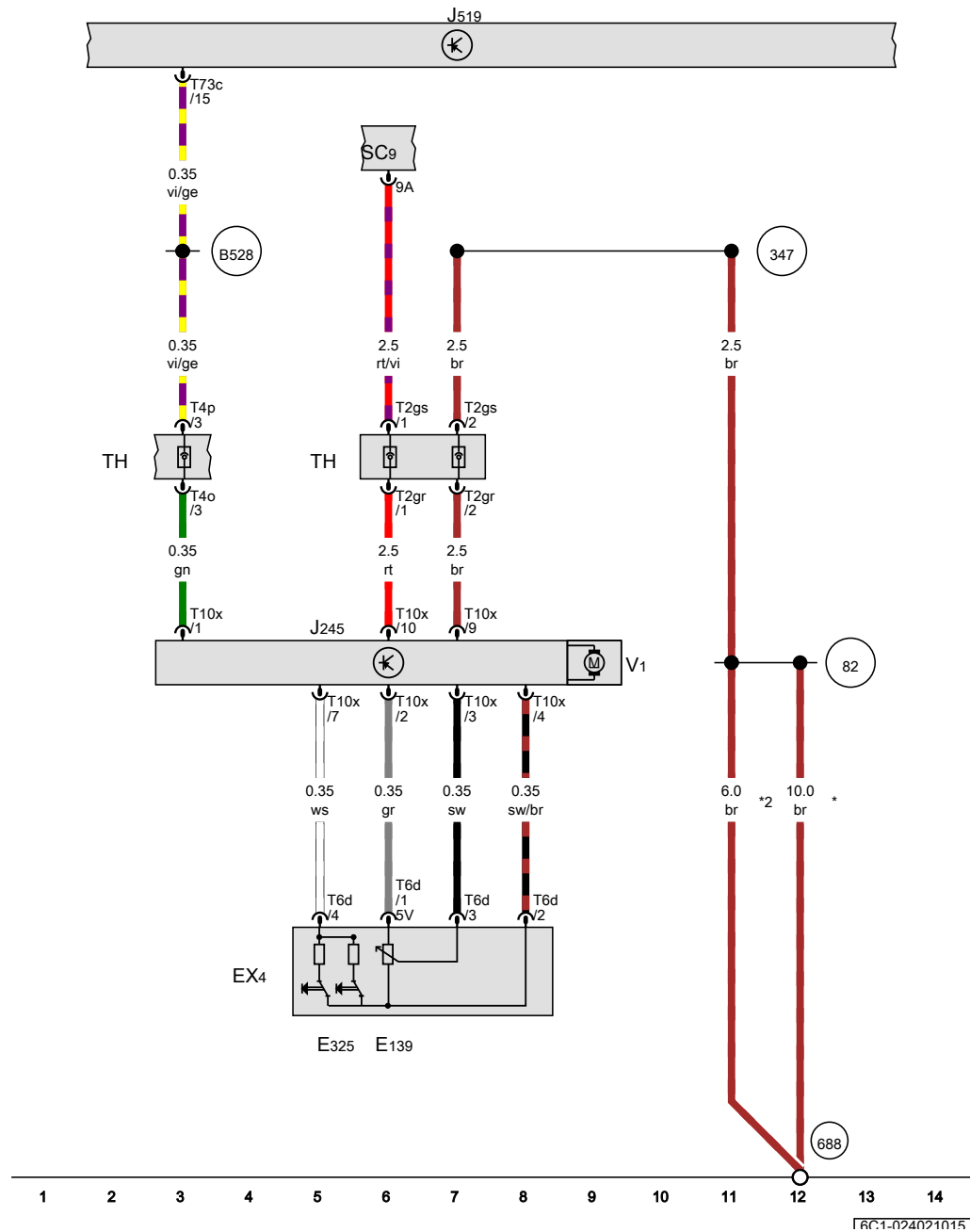
- F18 Radiator fan thermal switch
- SB1 Fuse 1 on fuse holder B
- T3ak 3-pin connector, black
- T3p 3-pin connector, black
- V7 Radiator fan
- 671 Earth point 1, on front of left longitudinal member
- * Pre-wired component



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Sliding sunroof , (3FB)

From January 2014



Sliding sunroof adjustment, Sliding sunroof adjustment regulator, Sunroof button, Sliding sunroof adjustment control unit, Onboard supply control unit, Sliding sunroof motor

EX4	Sliding sunroof adjustment
E139	Sliding sunroof adjustment regulator
E325	Sunroof button
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
SC9	Fuse 9 on fuse holder C
T2gr	2-pin connector
T2gs	2-pin connector
T4o	4-pin connector
T4p	4-pin connector
T6d	6-pin connector
T10x	10-pin connector
T73c	73-pin connector
TH	Coupling point for roof
V1	Sliding sunroof motor

82 Earth connection 1, in front left wiring harness

(347) Earth connection, in roof wiring harness

688 Earth point 2, on centre tunnel

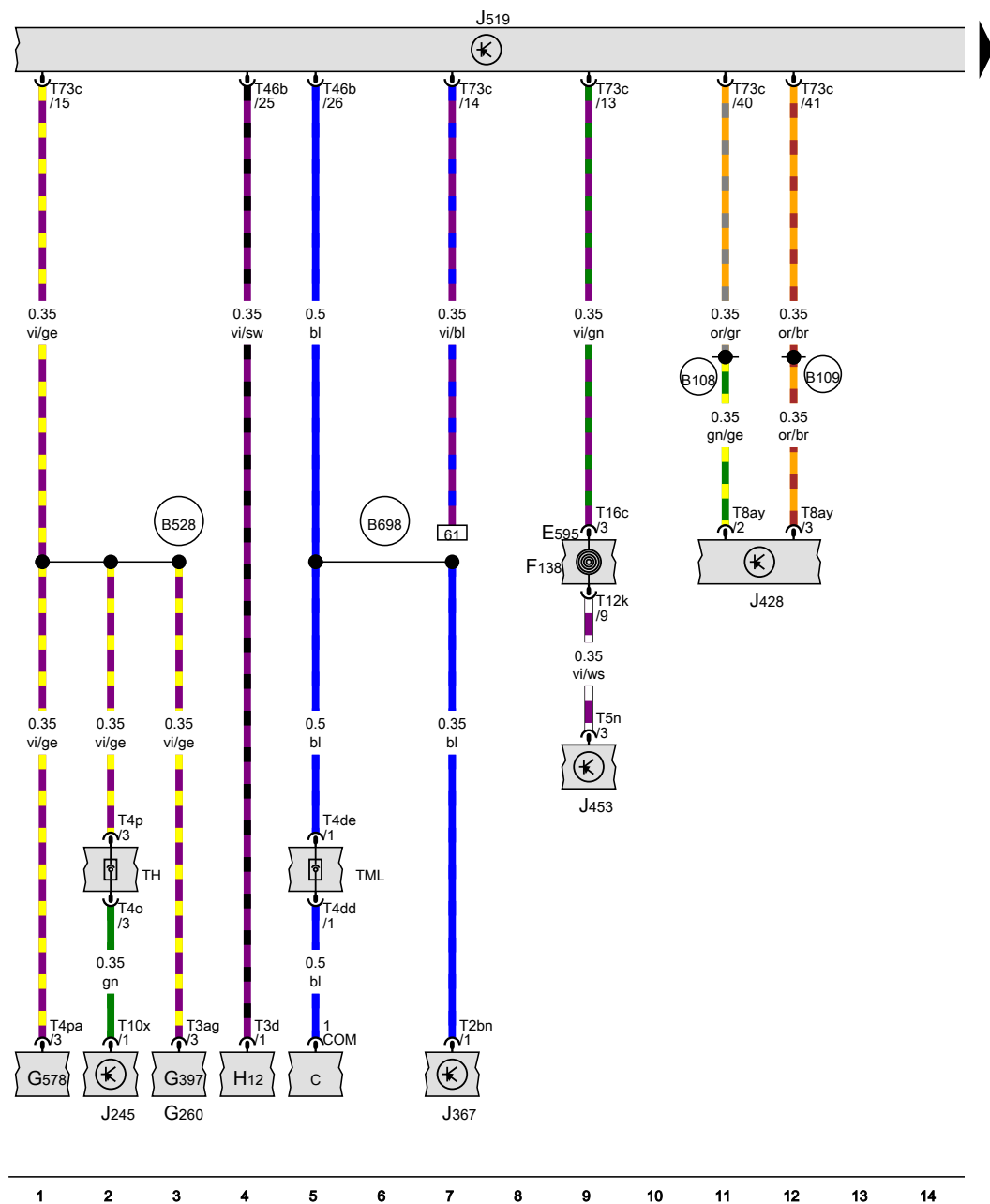
(B528) Connection 1 (LIN bus) in main wiring harness

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

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Data bus network

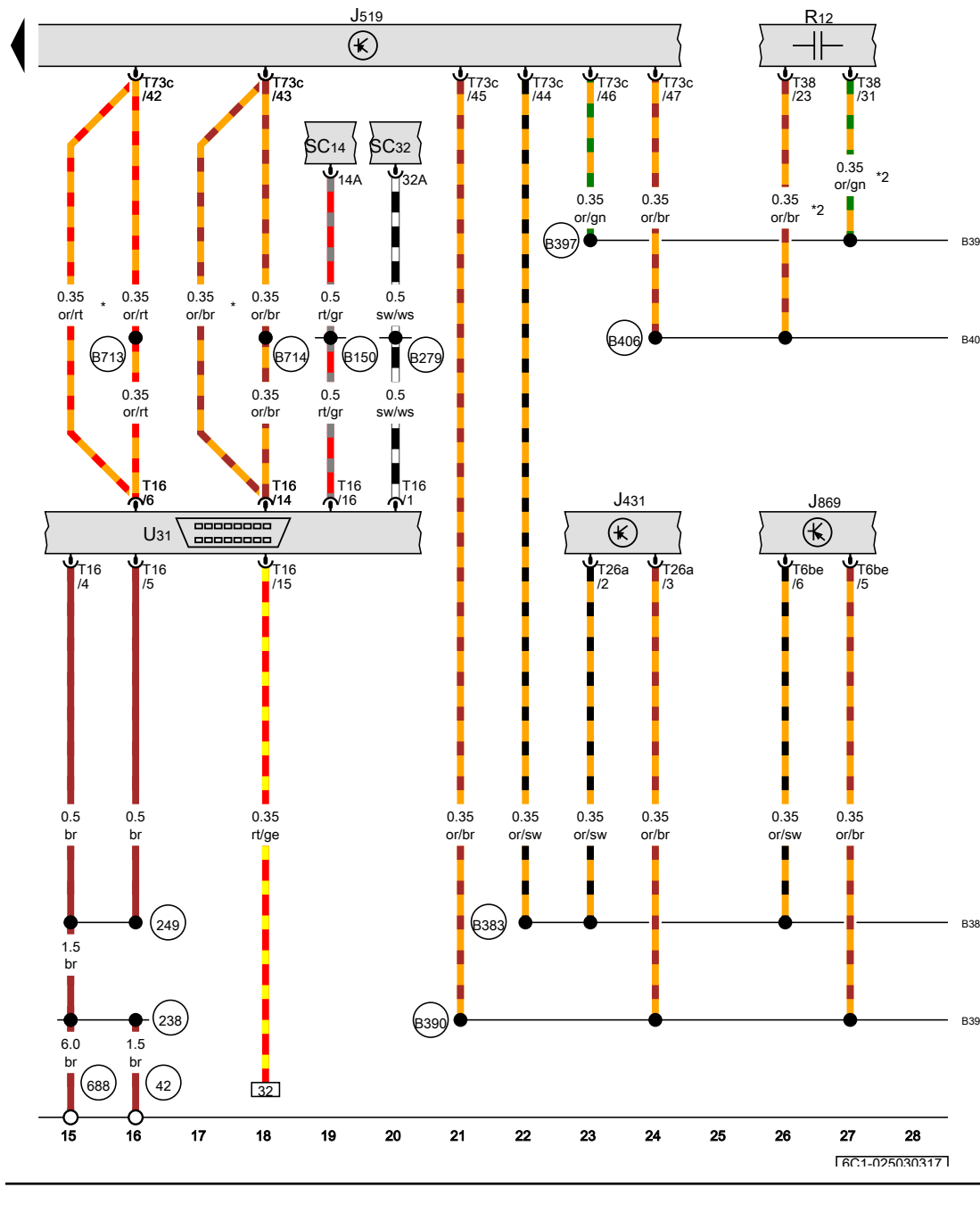
From January 2014



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Onboard supply control unit

- C Alternator
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J245 Sliding sunroof adjustment control unit
- J367 Battery monitor control unit
- J428 Adaptive cruise control unit
- J453 Multifunction steering wheel control unit
- J519 Onboard supply control unit
- T2bn 2-pin connector
- T3ag 3-pin connector
- T3d 3-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- T4o 4-pin connector
- T4p 4-pin connector
- T4pa 4-pin connector
- T5n 5-pin connector
- T8ay 8-pin connector
- T10x 10-pin connector
- T12k 12-pin connector
- T16c 16-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- TH Coupling point for roof
- TML Coupling point in engine compartment, left
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

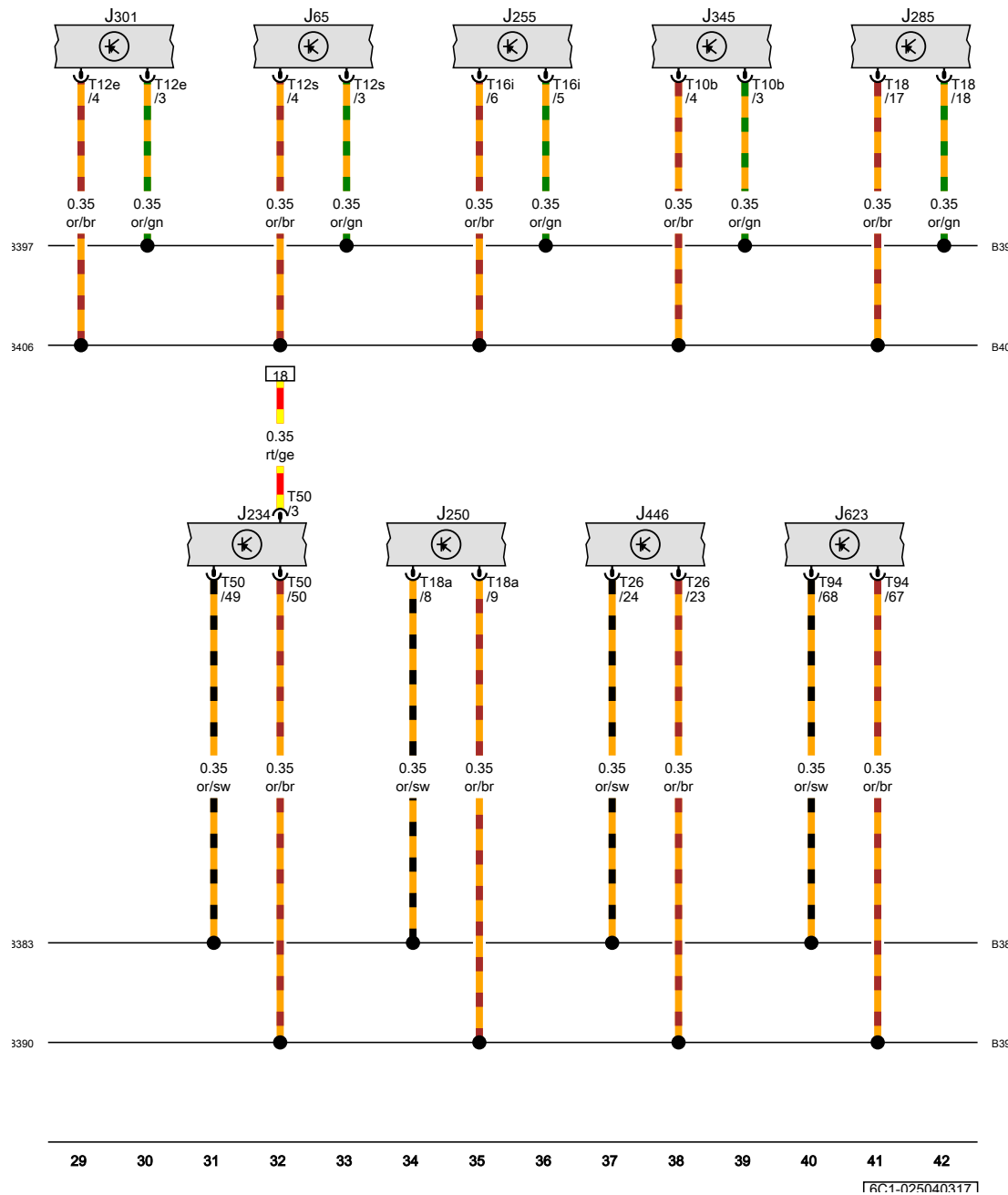


Onboard supply control unit, Amplifier, Diagnostic connection, Connection 1 (powertrain CAN bus, high), in main wiring harness, Connection 1 (powertrain CAN bus, low), in main wiring harness, Connection 1 (convenience CAN bus, high), in main wiring harness, Connection 1 (convenience CAN bus, low), in main wiring harness

- J431 Headlight range control unit
- J519 Onboard supply control unit
- J869 Control unit for structure-borne sound
- R12 Amplifier
- SC14 Fuse 14 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T6be 6-pin connector, black
- T16 16-pin connector
- T26a 26-pin connector
- T38 38-pin connector, black
- T73c 73-pin connector
- U31 Diagnostic connection
- 42 Earth point, next to steering column
- 238 Earth connection 1, in interior wiring harness
- 249 Earth connection 2, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B150 Positive connection 2 (30a), in interior wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience 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

* Gradually discontinued

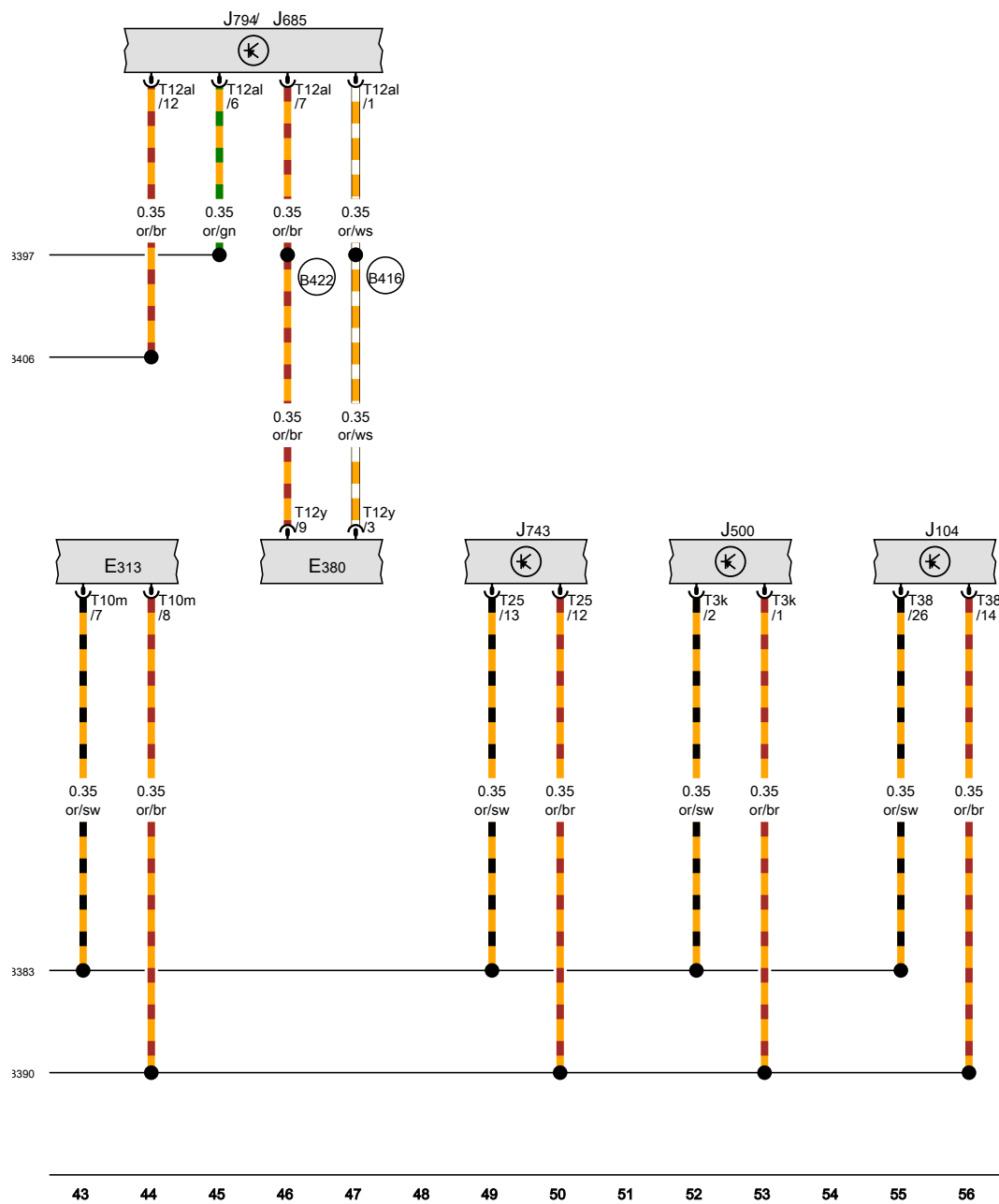
*2 Only models with sound system



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

- J65 Heater control unit
- J234 Airbag control unit
- J250 Electronically controlled damping control unit
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- J345 Trailer detector control unit
- J446 Parking aid control unit
- J623 Engine control unit
- T10b 10-pin connector
- T12e 12-pin connector
- T12s 12-pin connector
- T16i 16-pin connector
- T18 18-pin connector
- T18a 18-pin connector
- T26 26-pin connector
- T50 50-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
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

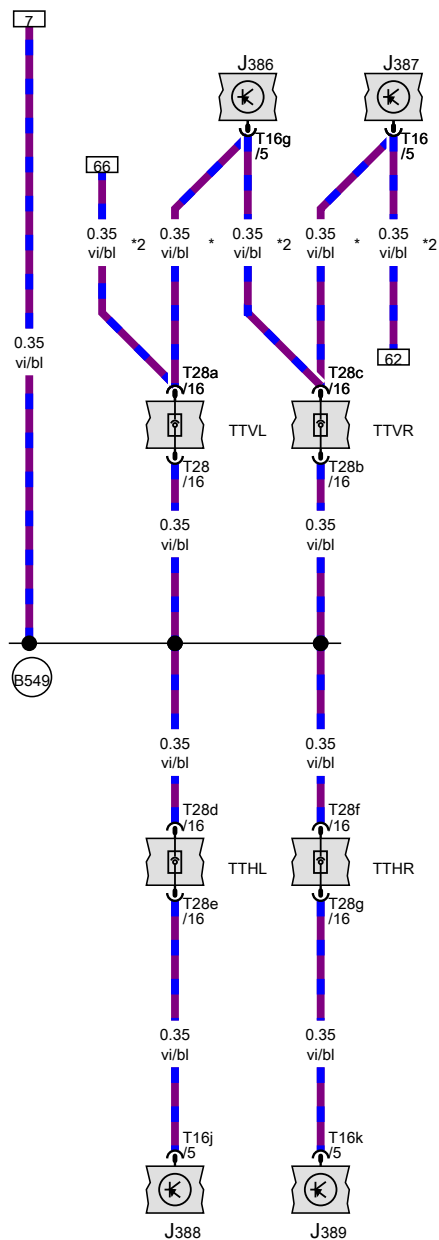


16C1-025050317

ws = white
sw = black
ro = red
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vi = purple
ge = yellow
or = orange
rs = pink

Multimedia system operating unit, Connection 1 (powertrain CAN bus, high), in main wiring harness, Connection 1 (powertrain CAN bus, low), in main wiring harness, Connection 1 (convenience CAN bus, high), in main wiring harness, Connection 1 (convenience CAN bus, low), in main wiring harness

- E313 Selector lever
- E380 Multimedia system operating unit
- J104 ABS control unit
- J500 Power steering control unit
- J685 Display unit for front information display and operating unit control unit
- J743 Mechatronic unit for dual clutch gearbox
- J794 Control unit 1 for information electronics
- T3k 3-pin connector
- T10m 10-pin connector
- T12al 12-pin connector
- T12y 12-pin connector
- T25 25-pin connector
- T38 38-pin connector, brown
- 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
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness



- J386 Driver door control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- T16 16-pin connector
- T16g 16-pin connector
- T16j 16-pin connector
- T16k 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- B549 Connection 2 (LIN bus) in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models

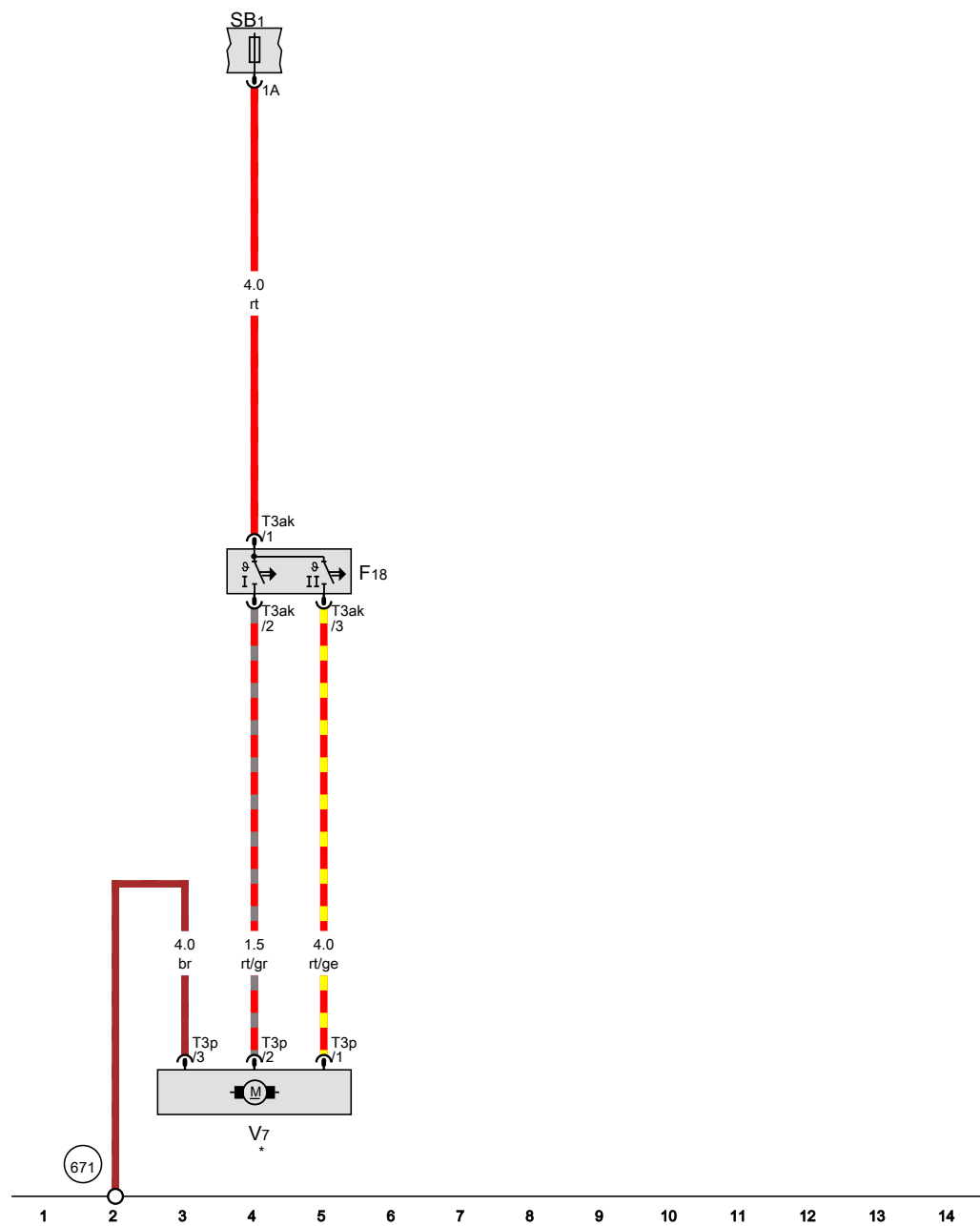
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Radiator fan, two-speed

From January 2014

Radiator fan thermal switch, Radiator fan

- F18 Radiator fan thermal switch
 SB1 Fuse 1 on fuse holder B
 T3ak 3-pin connector, black
 T3p 3-pin connector, black
 V7 Radiator fan
 671 Earth point 1, on front of left longitudinal member
 * Pre-wired component

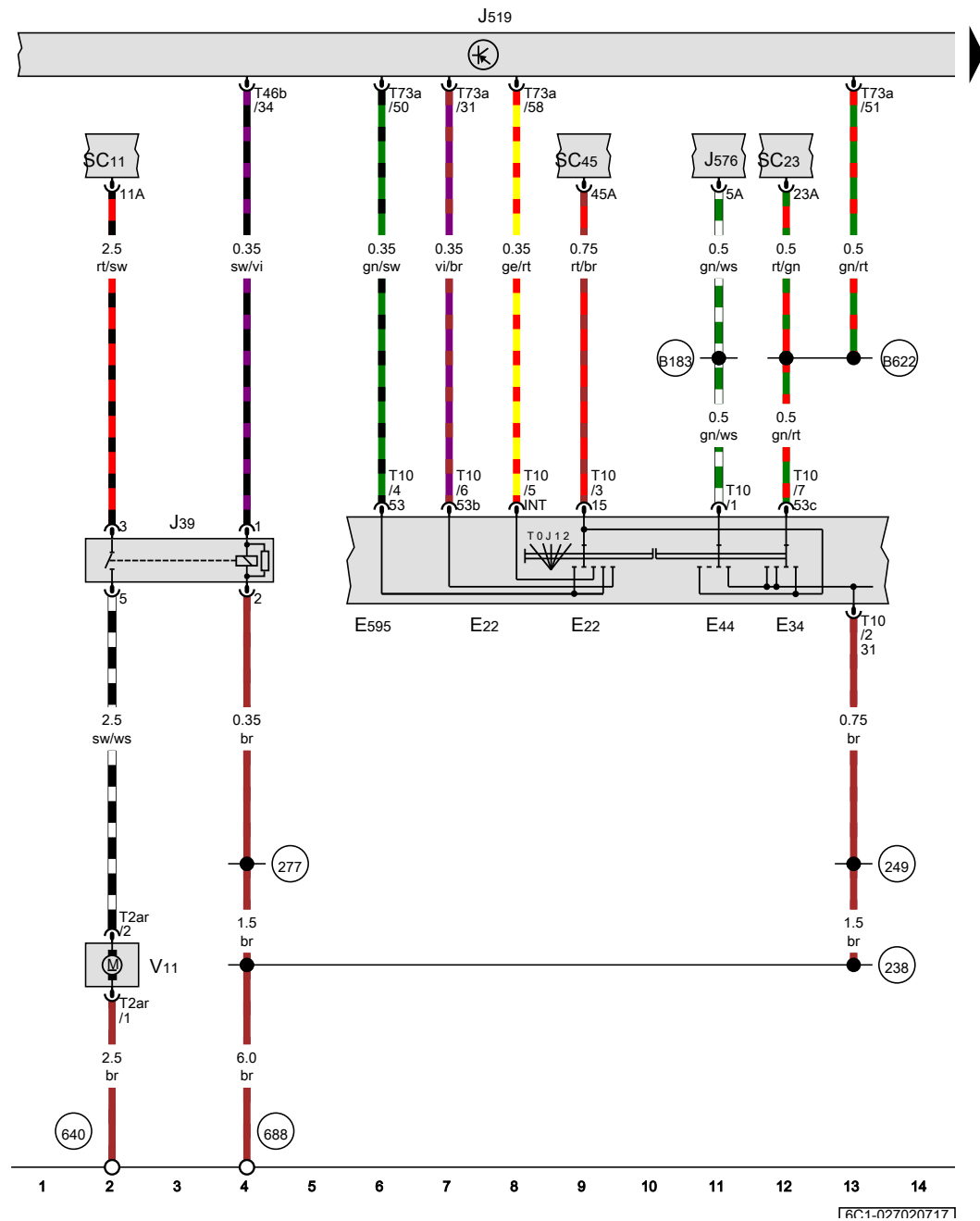


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16C1-0260211141

Headlight washer system , (8X1)

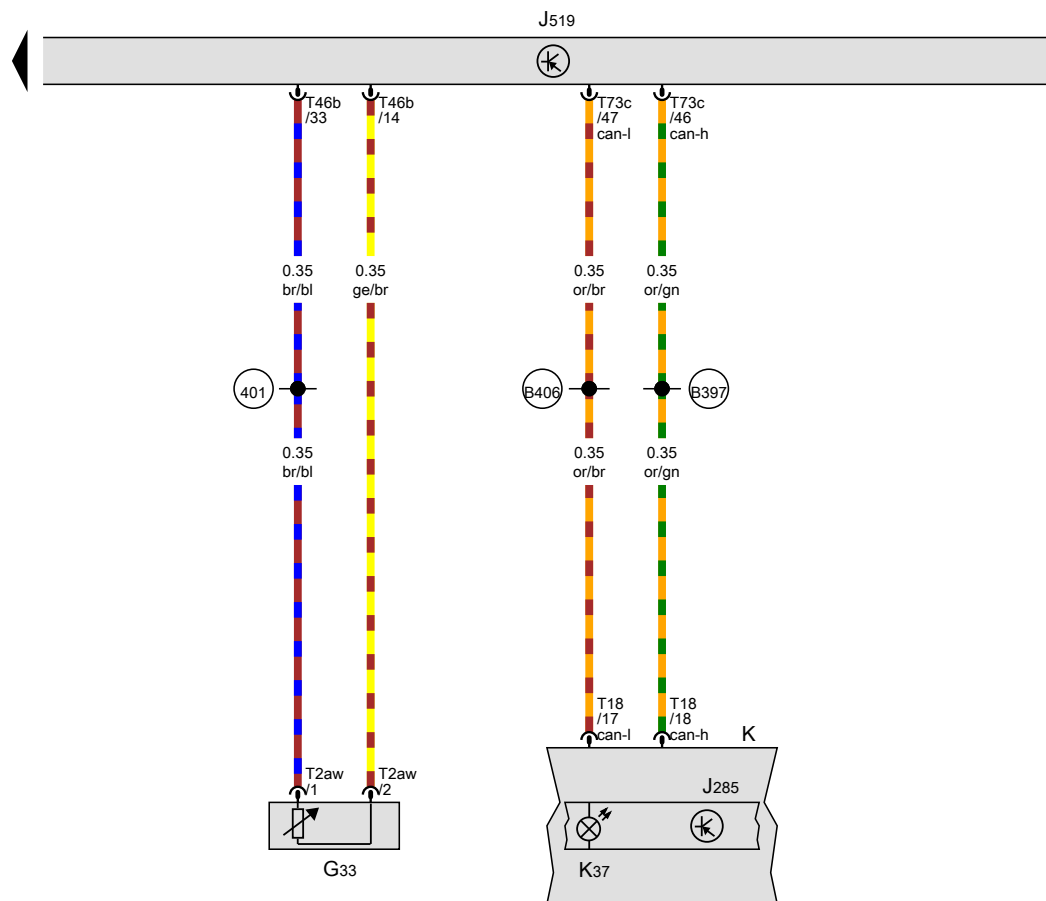
From January 2014



Intermittent wiper switch, Rear wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Headlight washer system relay, Onboard supply control unit, Headlight washer system pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J39 Headlight washer system relay
- J519 Onboard supply control unit
- J576 Washer pump relay
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T2ar 2-pin connector, black
- T10 10-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V11 Headlight washer system pump

- 238 Earth connection 1, in interior wiring harness
- 249 Earth connection 2, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 640 Earth point 2, left in engine compartment
- 688 Earth point 2, on centre tunnel
- B183 Connection 1 (washer pump), in interior wiring harness
- B622 Connection (windscreen wiper), in main wiring harness



Windscreen washer fluid level sender, Onboard supply control unit, Washer fluid level warning lamp

- G33 Windscreen washer fluid level sender
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K37 Washer fluid level warning lamp
- T2aw 2-pin connector
- T18 18-pin connector
- T46b 46-pin connector
- T73c 73-pin connector

401 Earth connection (sender earth), in interior wiring harness

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

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

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Adaptive cruise control , (8T3),(8T5)

From January 2014

Adaptive cruise control unit, Onboard supply control unit

J428 Adaptive cruise control unit
J519 Onboard supply control unit
SC37 Fuse 37 on fuse holder C
T8ay 8-pin connector, black
T73c 73-pin connector, black

42 Earth point, next to steering column

238 Earth connection 1, in interior wiring harness

277 Earth connection 3, in interior wiring harness

688 Earth point 2, on centre tunnel

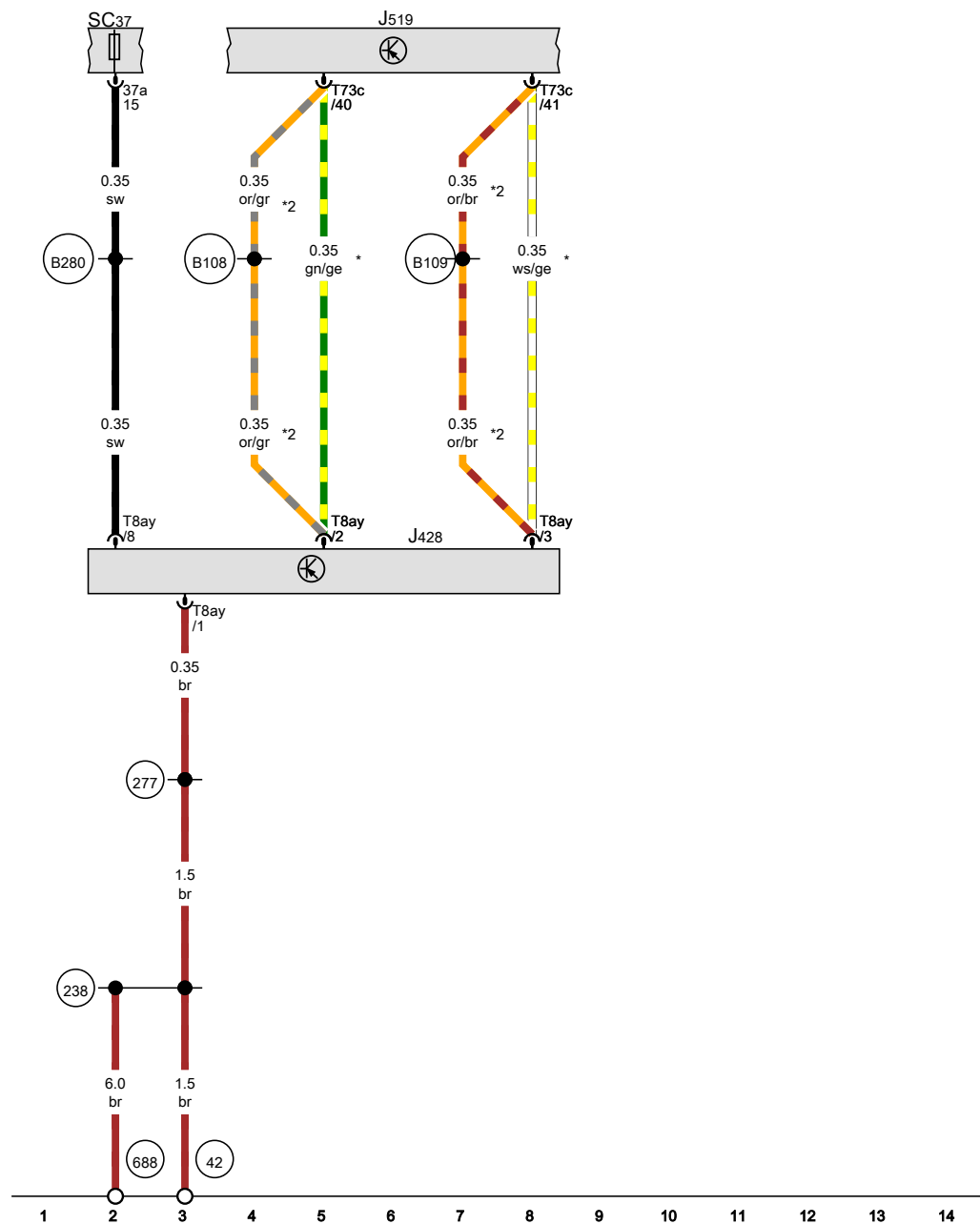
B108 Connection 1 (CAN bus extended high), in main wiring harness

B109 Connection 1 (CAN bus extended low), in main wiring harness

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

* Up to November 2014

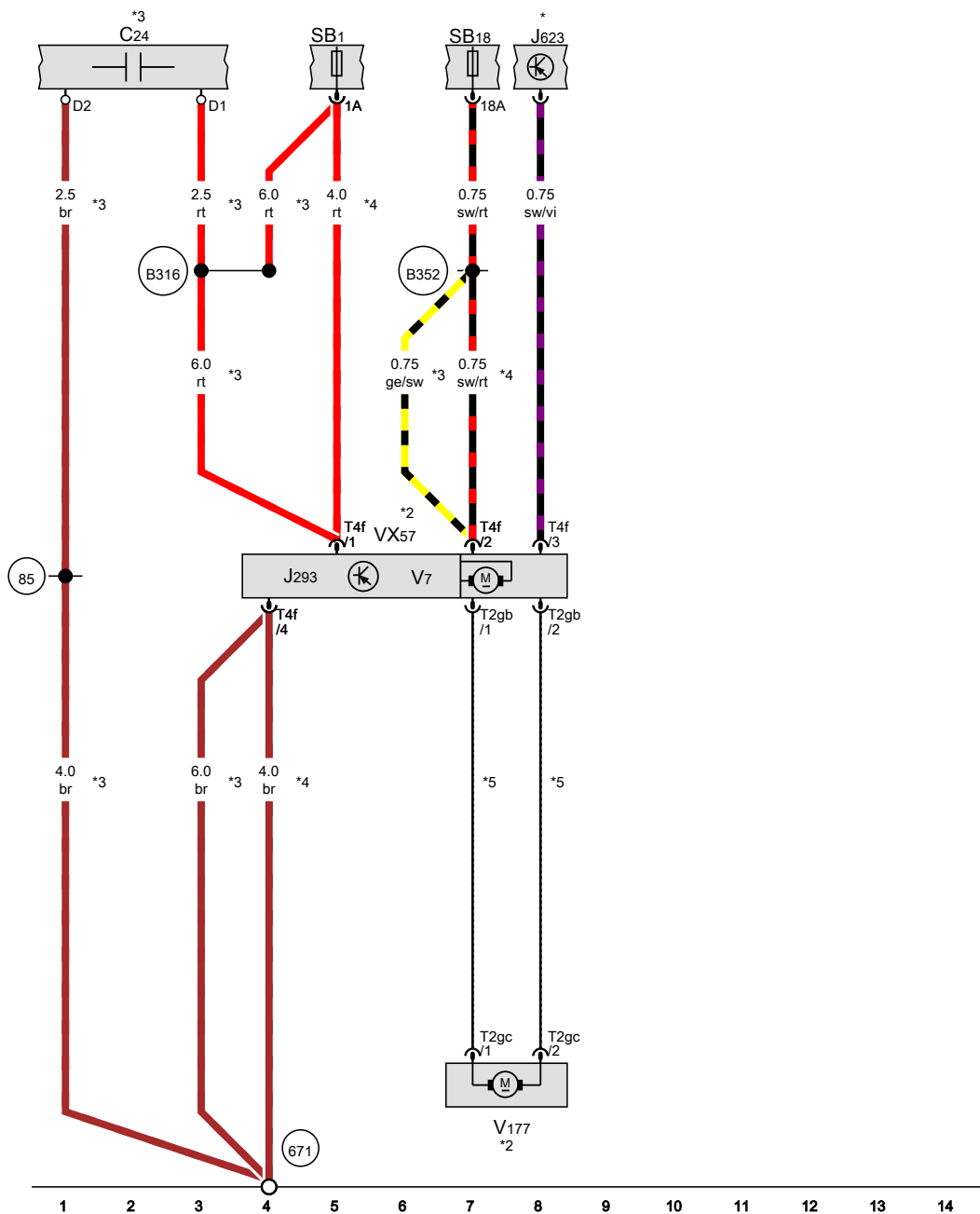
*2 From November 2014



16C1-0280210151

Radiator fan , CUSA,CUSB,CUTA,DAJA,DAJB,CHZB,CHZC

From January 2014



Radiator fan control unit, Radiator fan, Radiator fan 2

- C24 Suppression filter
- J293 Radiator fan control unit
- J623 Engine control unit
- SB1 Fuse 1 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T2gb 2-pin connector, black
- T2gc 2-pin connector, black
- T4f 4-pin connector, black
- V7 Radiator fan
- VX57 Radiator fan
- V177 Radiator fan 2

85 Earth connection 1, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

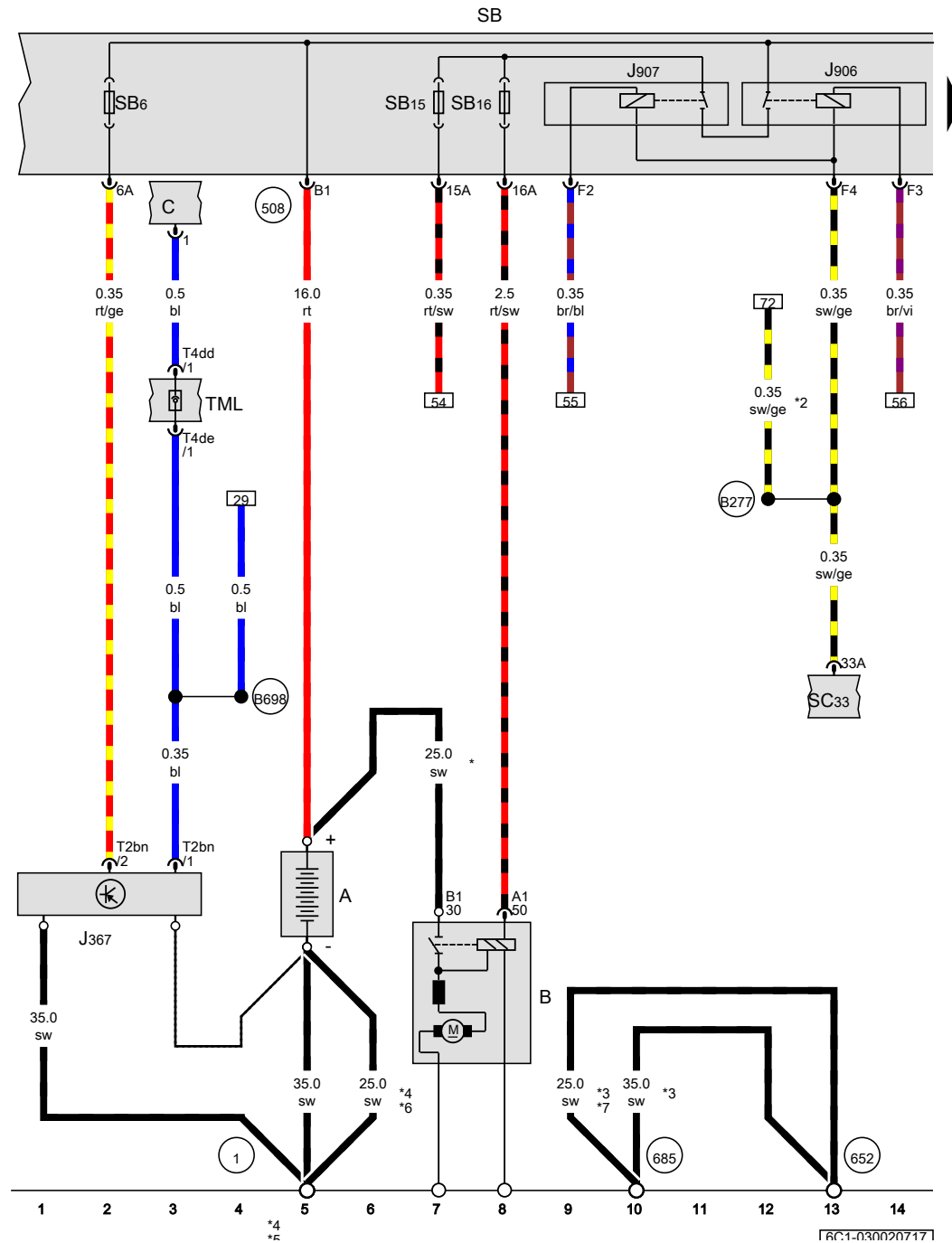
B316 Positive connection 2 (30a) in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

- * see applicable current flow diagram for engine
- *2 Pre-wired component
- *3 Only models with battery in luggage compartment
- *4 Only models with battery in engine compartment
- *5 Only models with increased fan output

1.4l petrol engine , CZE A

From May 2014



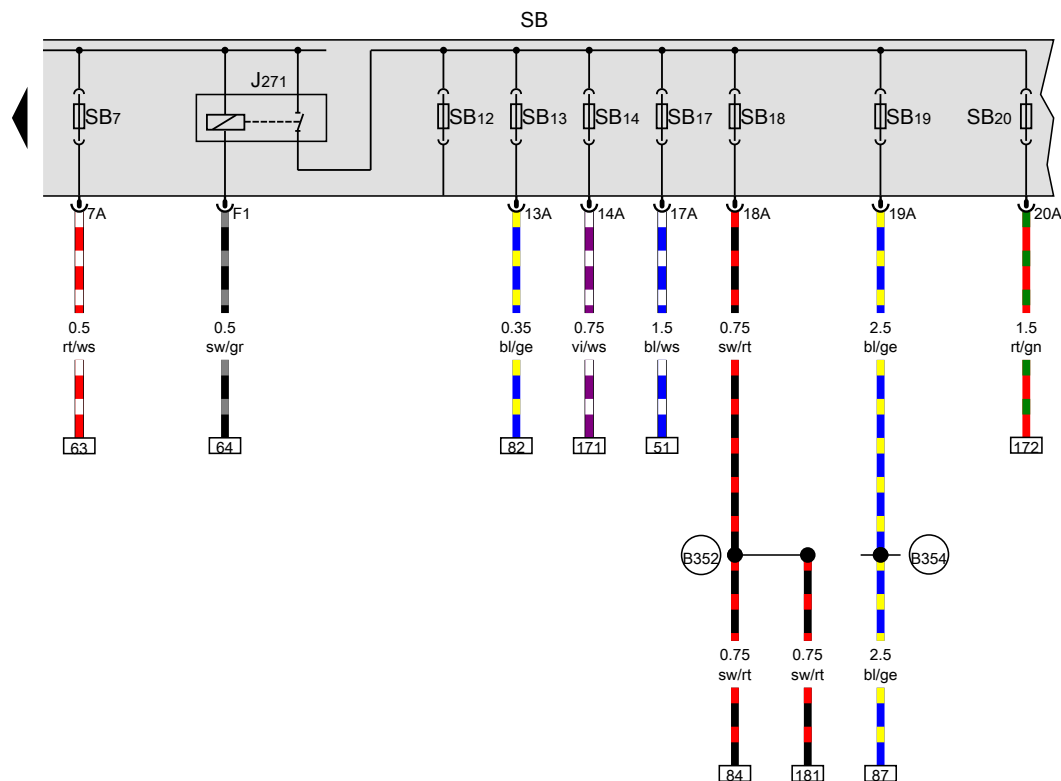
Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- C Alternator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC33 Fuse 33 on fuse holder C
- T2bn 2-pin connector
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

- * Cross section depends on equipment
- *2 For models with manual gearbox
- *3 According to equipment
- *4 For models with no start/stop system
- *5 Up to May 2016
- *6 From May 2016
- *7 Up to June 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



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

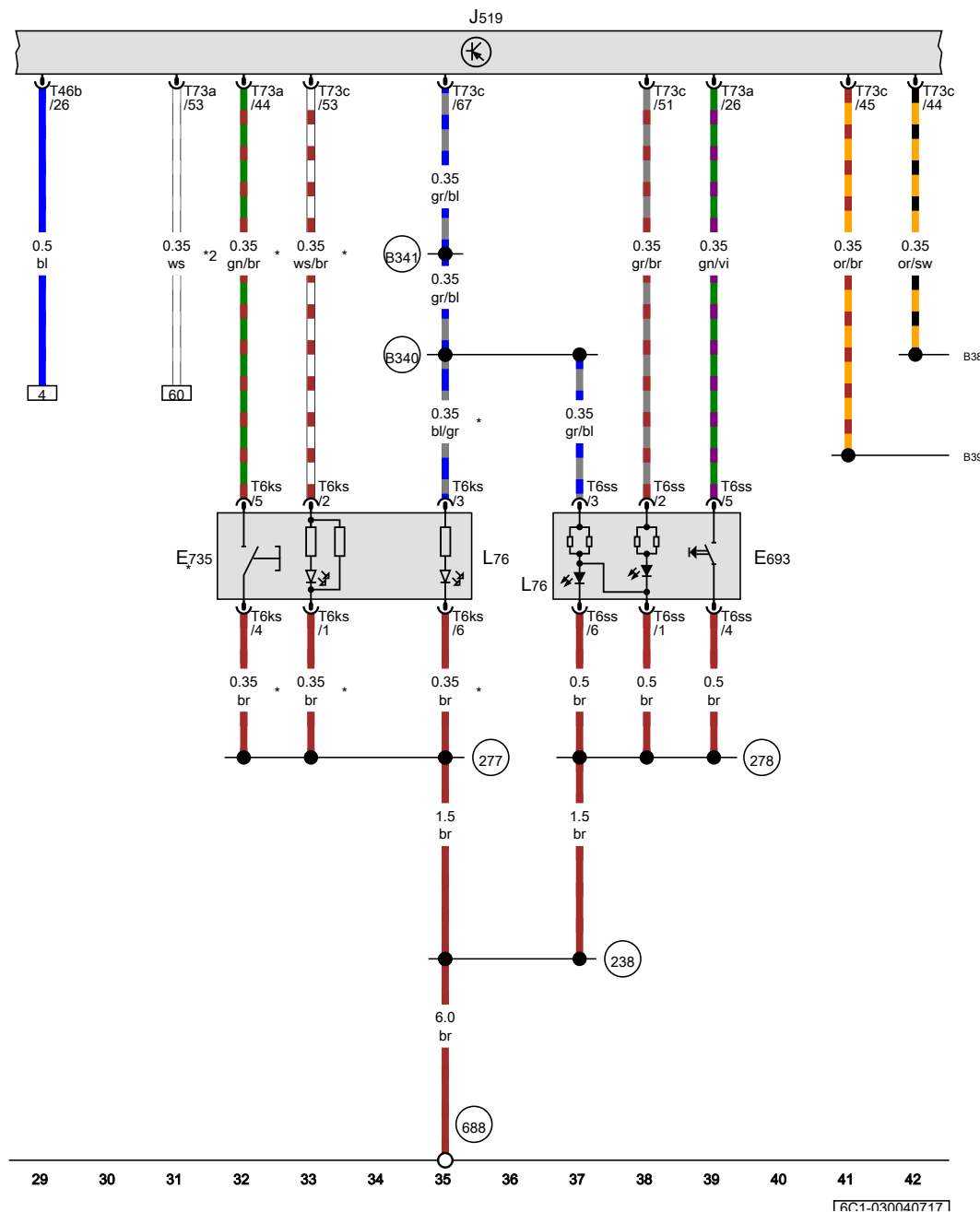
B354 Positive connection 5 (87a) in main wiring harness

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

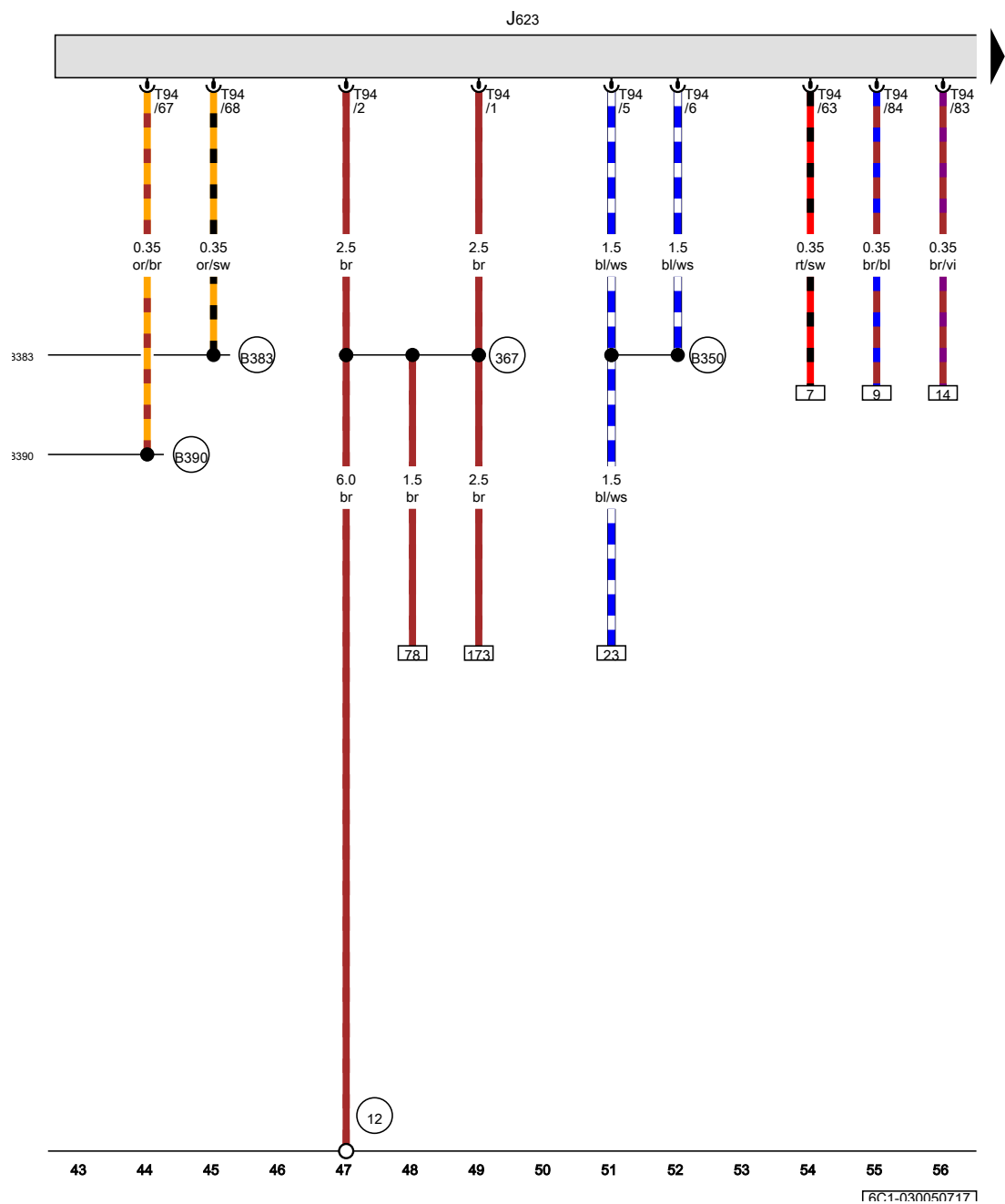
Start/Stop operation button, Driving mode selection button, Onboard supply control unit

- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T6ss 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * According to equipment
- *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



Engine/motor control unit

J623 Engine/motor control unit

T94 94-pin connector

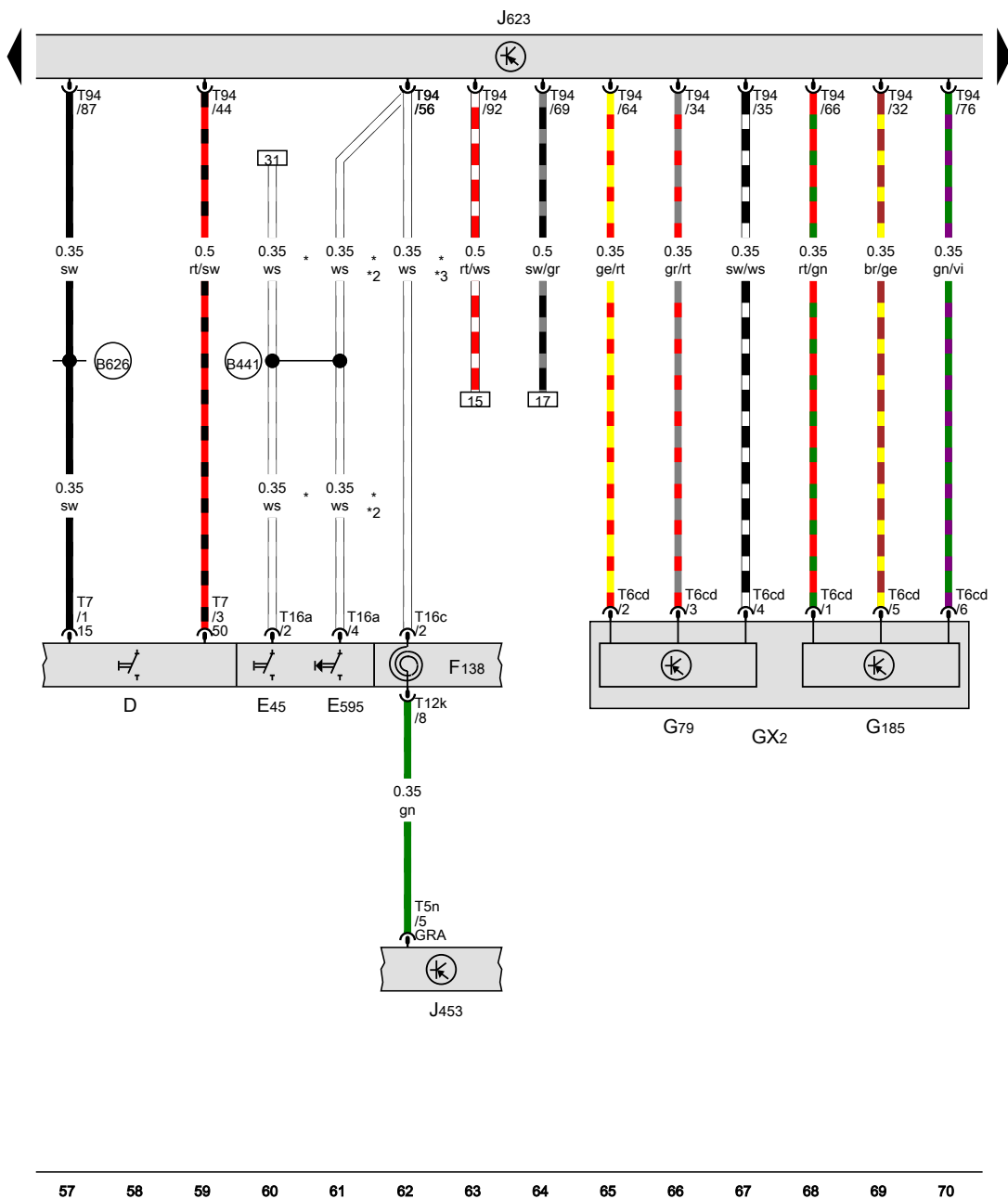
12 Earth point, on left in engine compartment

367 Earth connection 2, in main wiring harness

B350 Positive connection 1 (87a) 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



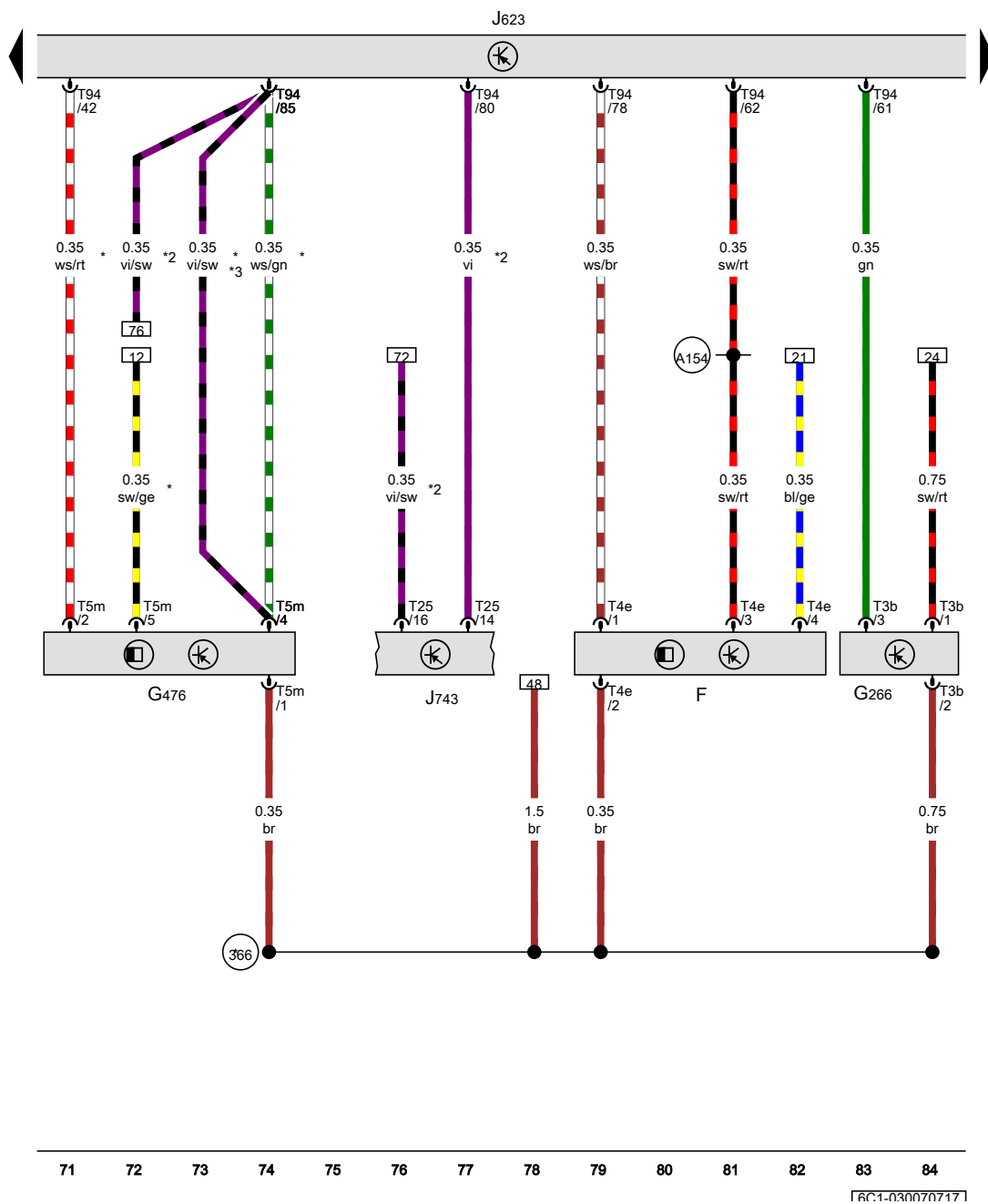
Steering column combination switch, Accelerator pedal module, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J453 Multifunction steering wheel control unit, in steering wheel
- J623 Engine/motor control unit
- T5n 5-pin connector
- T6cd 6-pin connector, black
- T7 7-pin connector
- T12k 12-pin connector, yellow
- T16a 16-pin connector
- T16c 16-pin connector
- T94 94-pin connector

B441 Connection (CCS), in main wiring harness

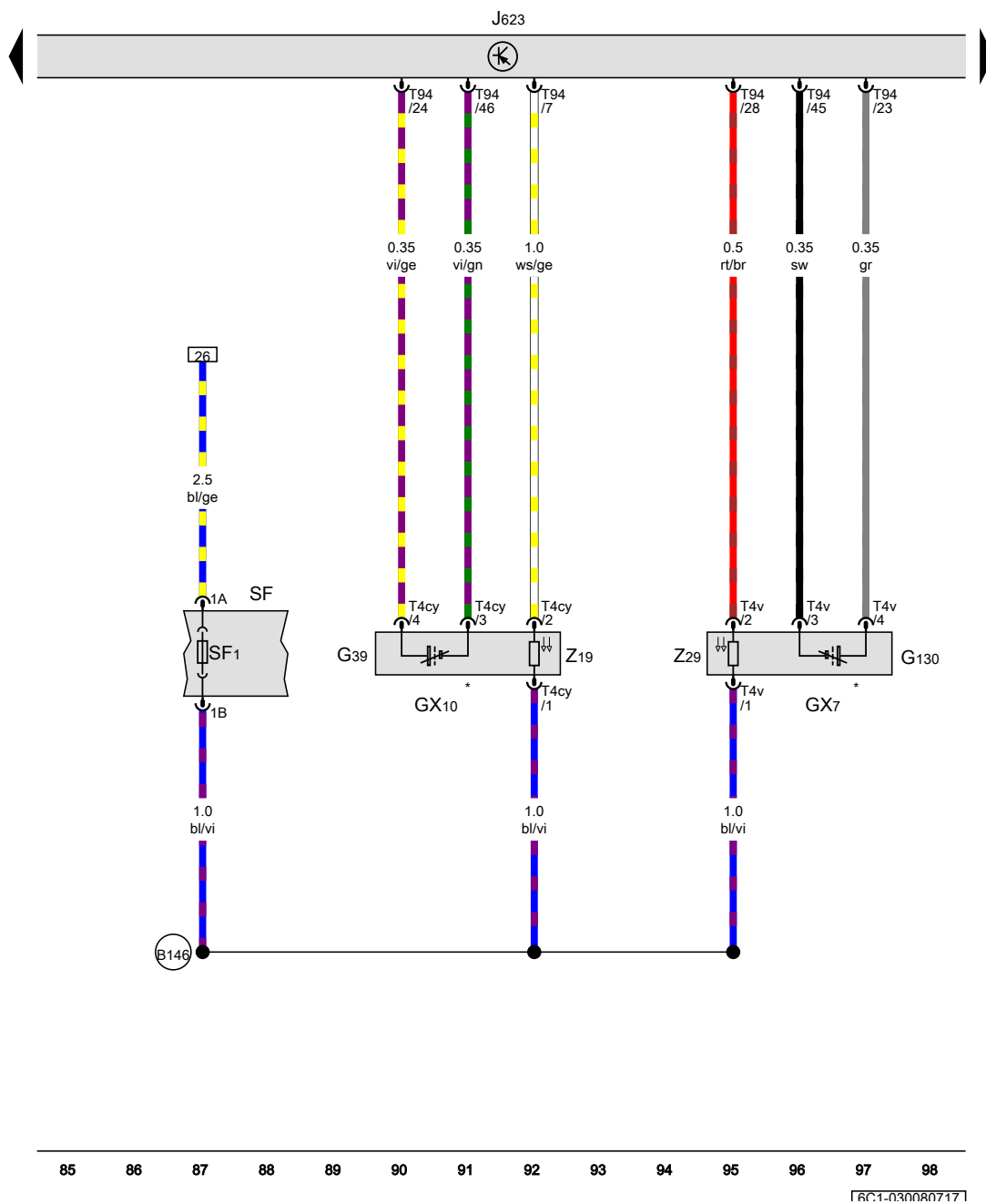
B626 Positive connection 2 (15), in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no Tiptronic
- *3 For models with Tiptronic



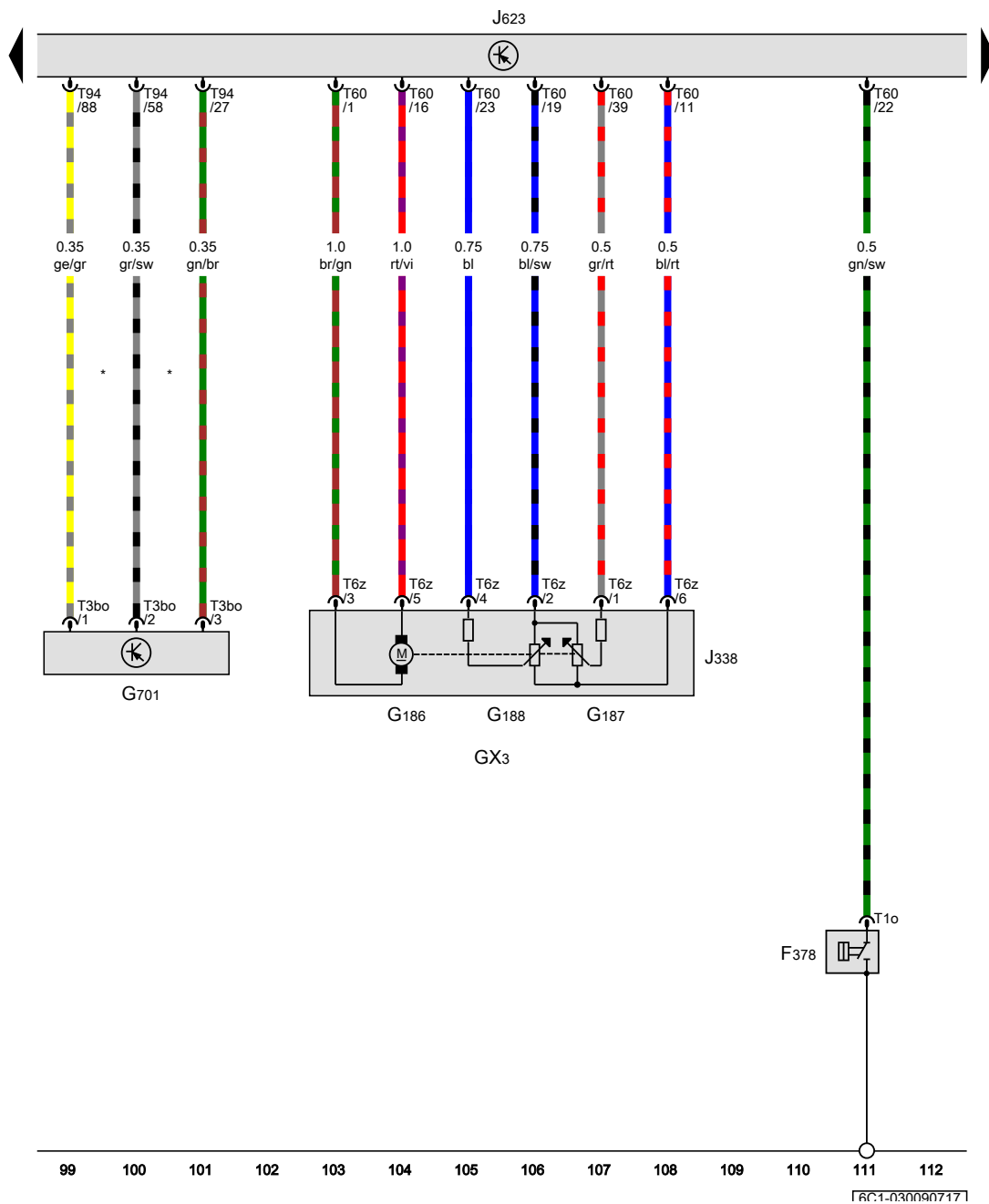
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector
- T4e 4-pin connector
- T5m 5-pin connector, black
- T25 25-pin connector
- T94 94-pin connector
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox 0AM
- *3 From May 2015



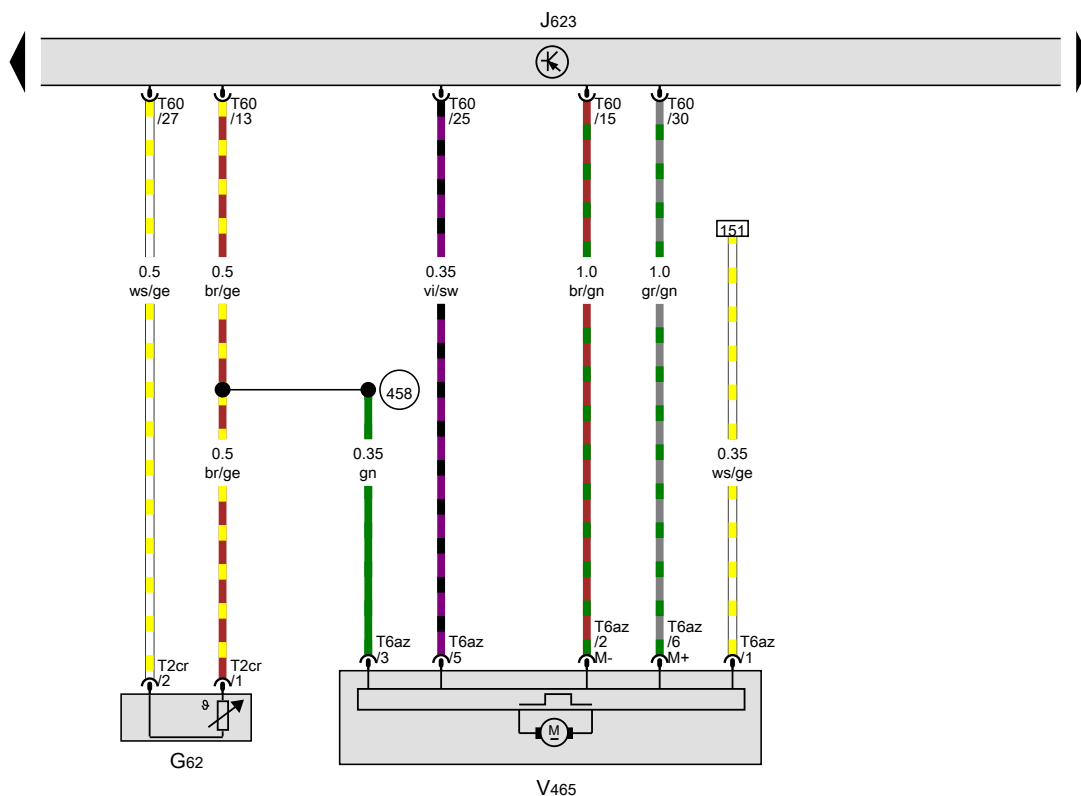
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- T4cy 4-pin connector, black
- T4v 4-pin connector, black
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B146 Positive connection 1 (87), in interior wiring harness
- * Pre-wired component
- *2 For models with manual gearbox



Oil pressure switch for reduced oil pressure, Throttle valve module, Gearbox neutral position sender, Engine/motor control unit

- F378 Oil pressure switch for reduced oil pressure
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T1o 1-pin connector, black
- T3bo 3-pin connector
- T6z 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector
- * For models with manual gearbox

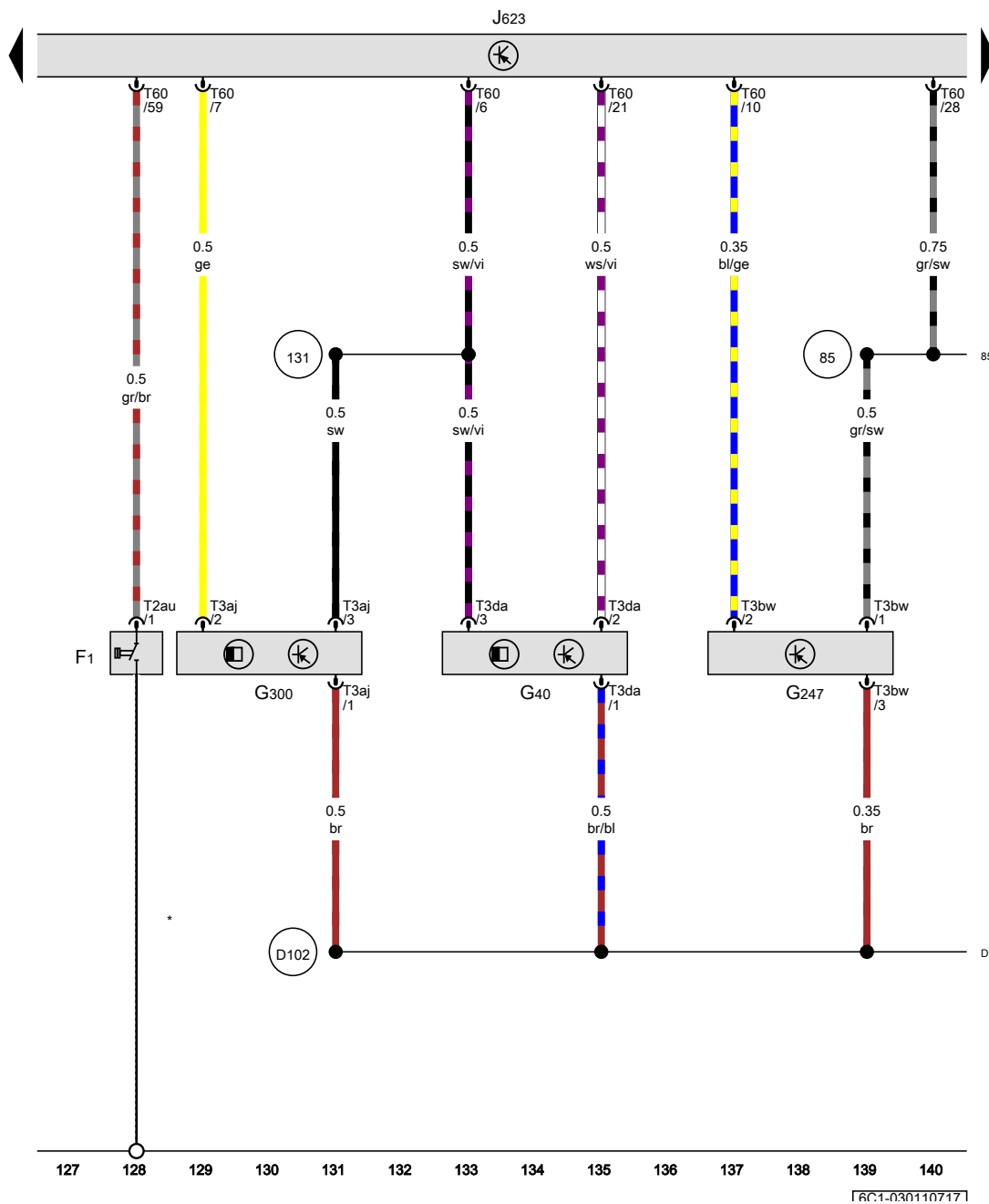


Coolant temperature sender, Engine/motor control unit,
Charge pressure positioner

- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cr 2-pin connector
- T6az 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner
- 458 Earth point 3, engine prewiring harness

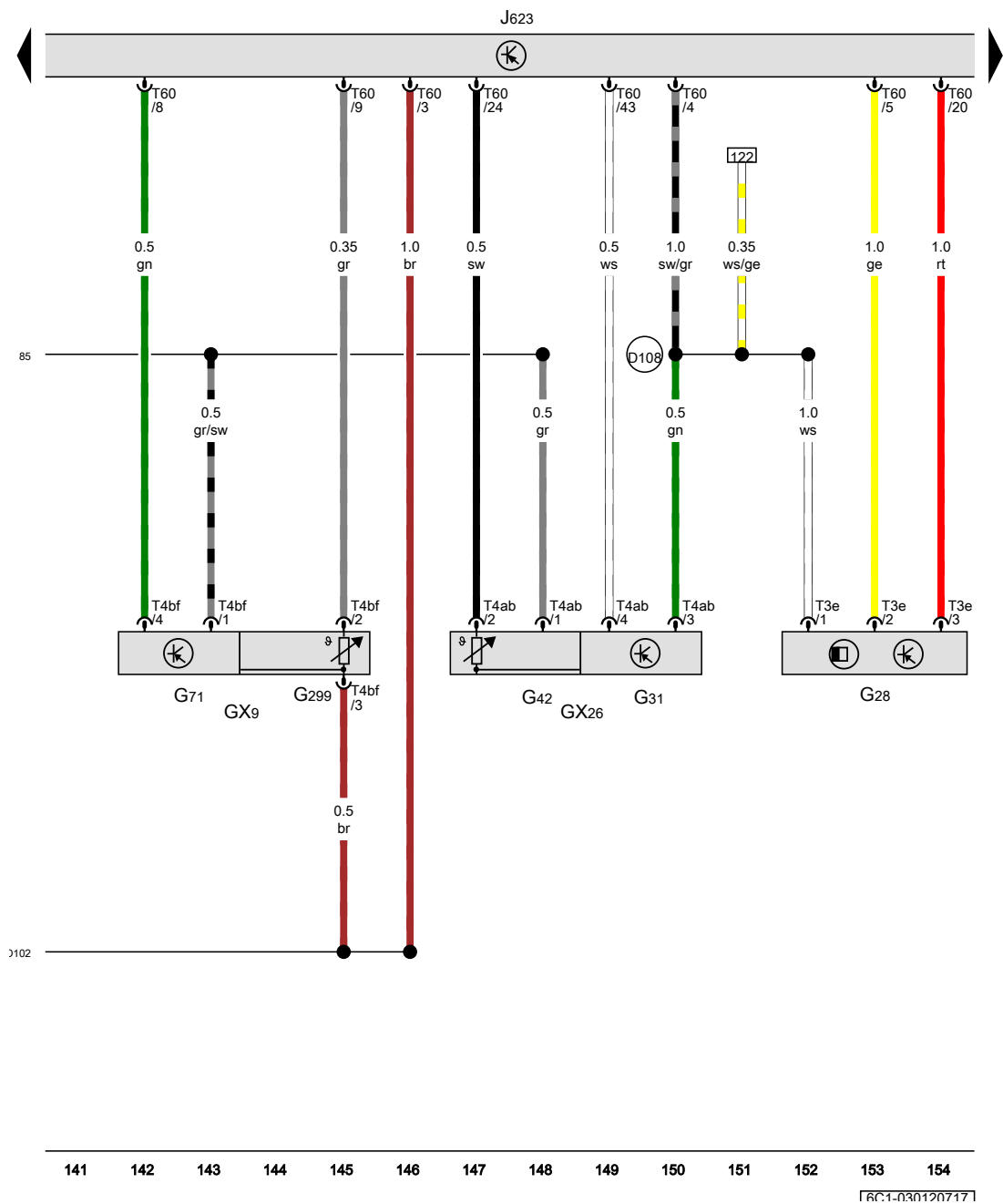
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hall sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit



- F1 Oil pressure switch
- G40 Hall sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T2au 2-pin connector, black
- T3aj 3-pin connector
- T3bw 3-pin connector
- T3da 3-pin connector, black
- T60 60-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * Earth supply via housing

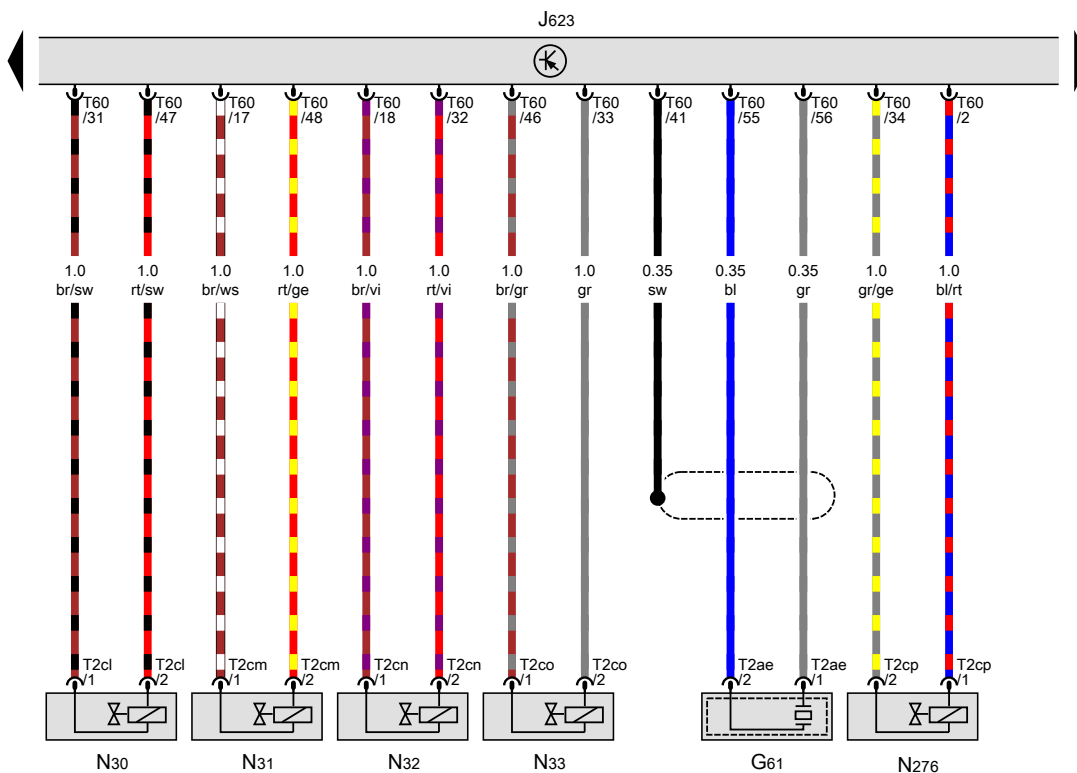


Intake manifold sender, Charge pressure sender, Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine/motor control unit

- GX9 Intake manifold sender
- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3e 3-pin connector, brown
- T4ab 4-pin connector, black
- T4bf 4-pin connector, black
- T60 60-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness

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



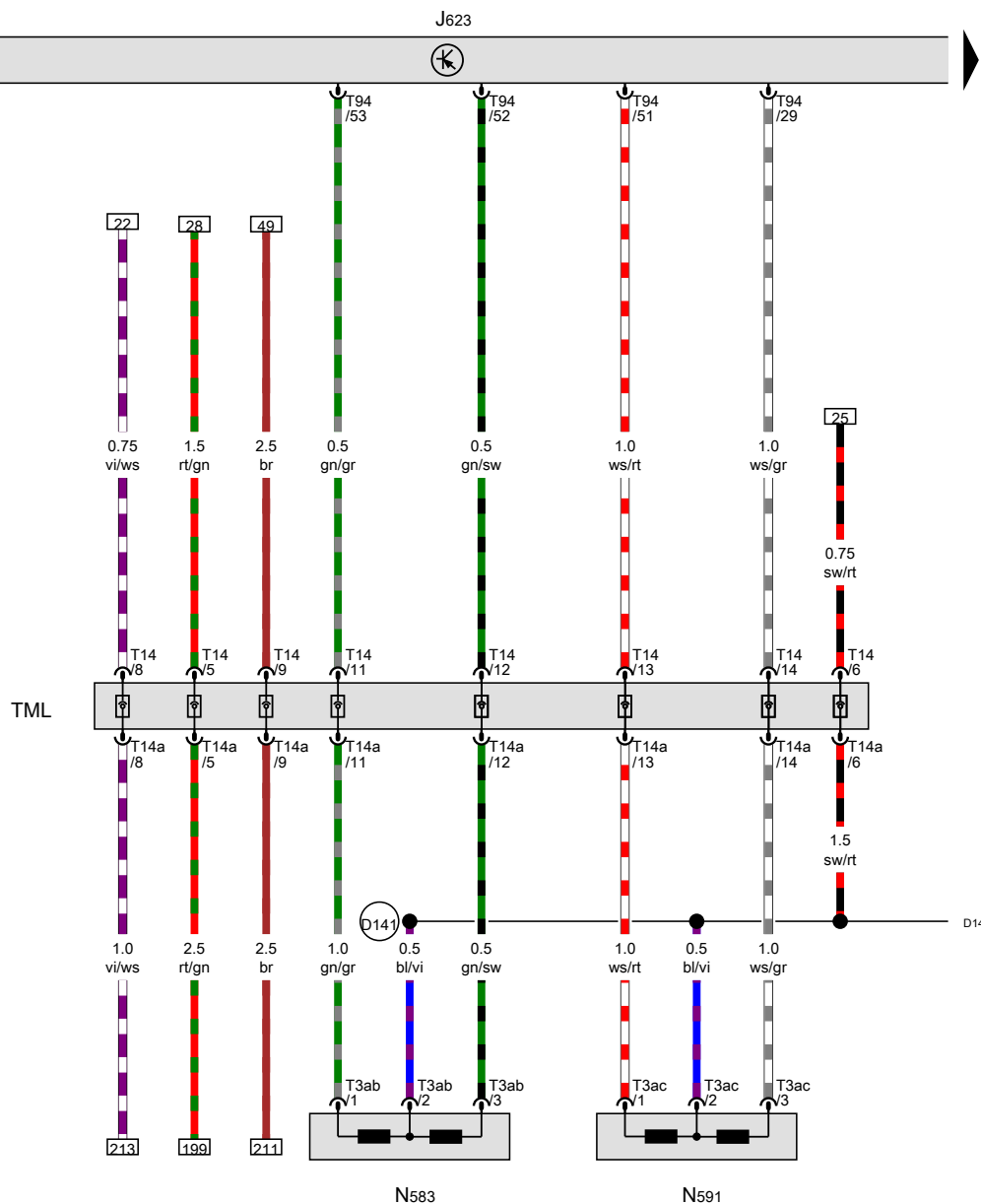
Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

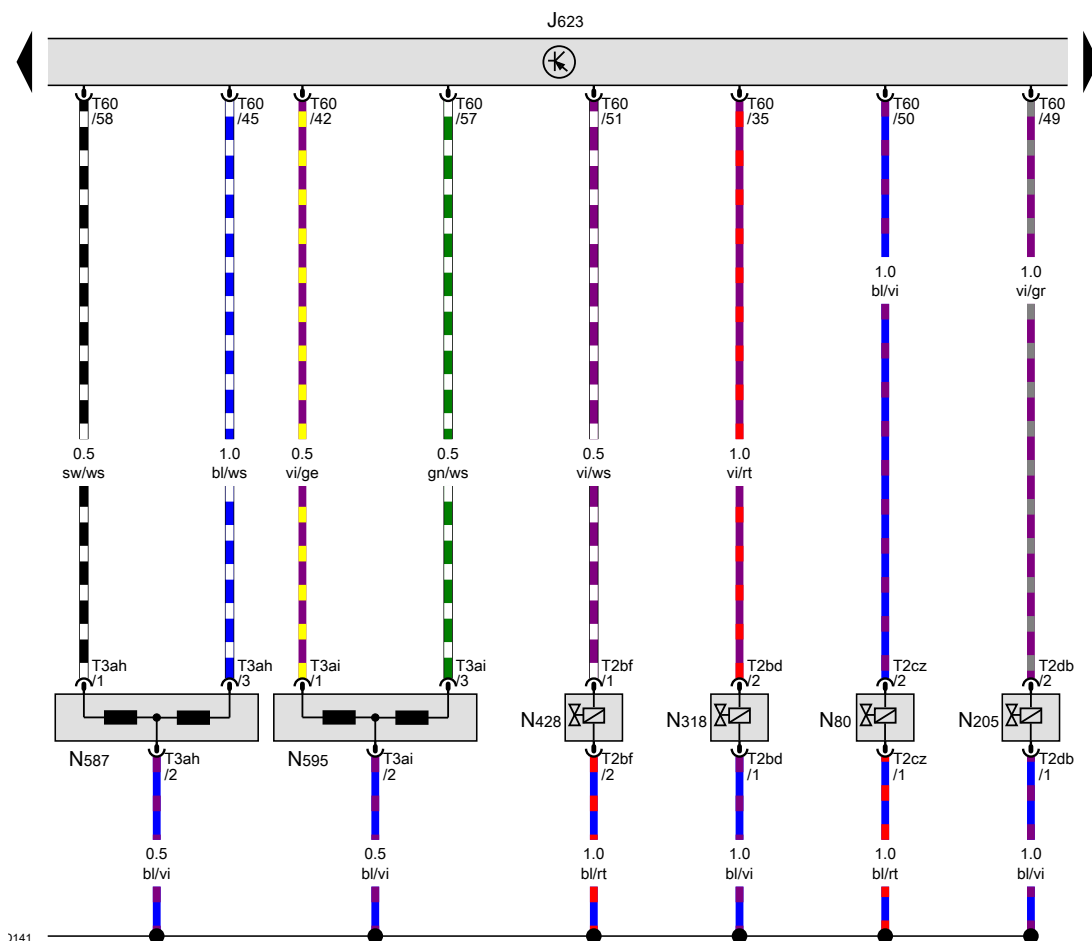
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N276 Fuel pressure regulating valve
- T2ae 2-pin connector
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector, black
- T2cp 2-pin connector
- T60 60-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

Engine/motor control unit

- J623 Engine/motor control unit
- N583 Inlet cam actuator for cylinder 2
- N591 Inlet cam actuator for cylinder 3
- T3ab 3-pin connector
- T3ac 3-pin connector
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T94 94-pin connector
- TML Coupling point in engine compartment, left
- D141 Connection (5V) in engine prewiring harness



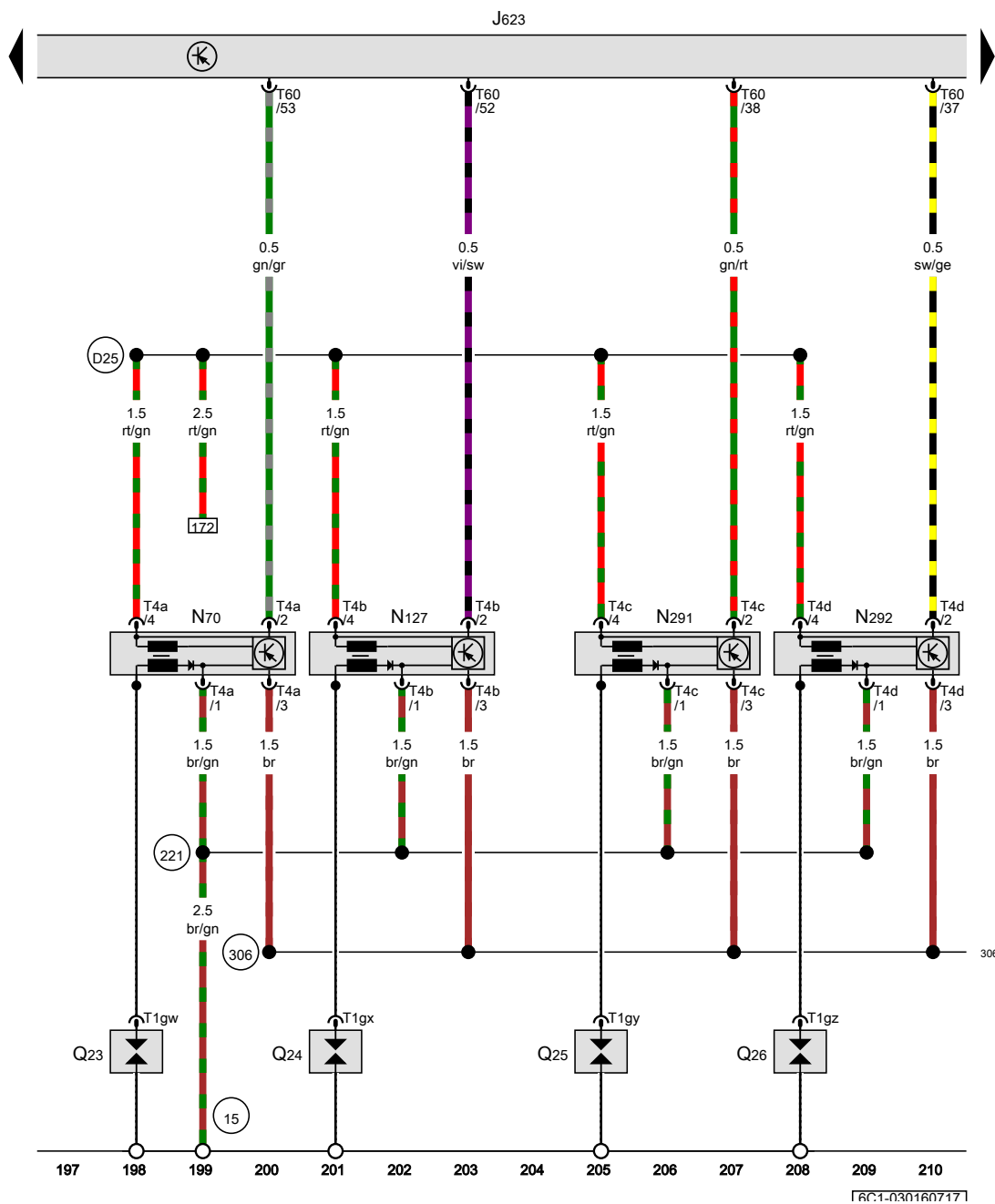


Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N587 Exhaust cam actuator for cylinder 2
- N595 Exhaust cam actuator for cylinder 3
- T2bd 2-pin connector
- T2bf 2-pin connector
- T2cz 2-pin connector
- T2db 2-pin connector
- T3ah 3-pin connector
- T3ai 3-pin connector
- T60 60-pin connector, black

D141 Connection (5V) in engine prewiring harness

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

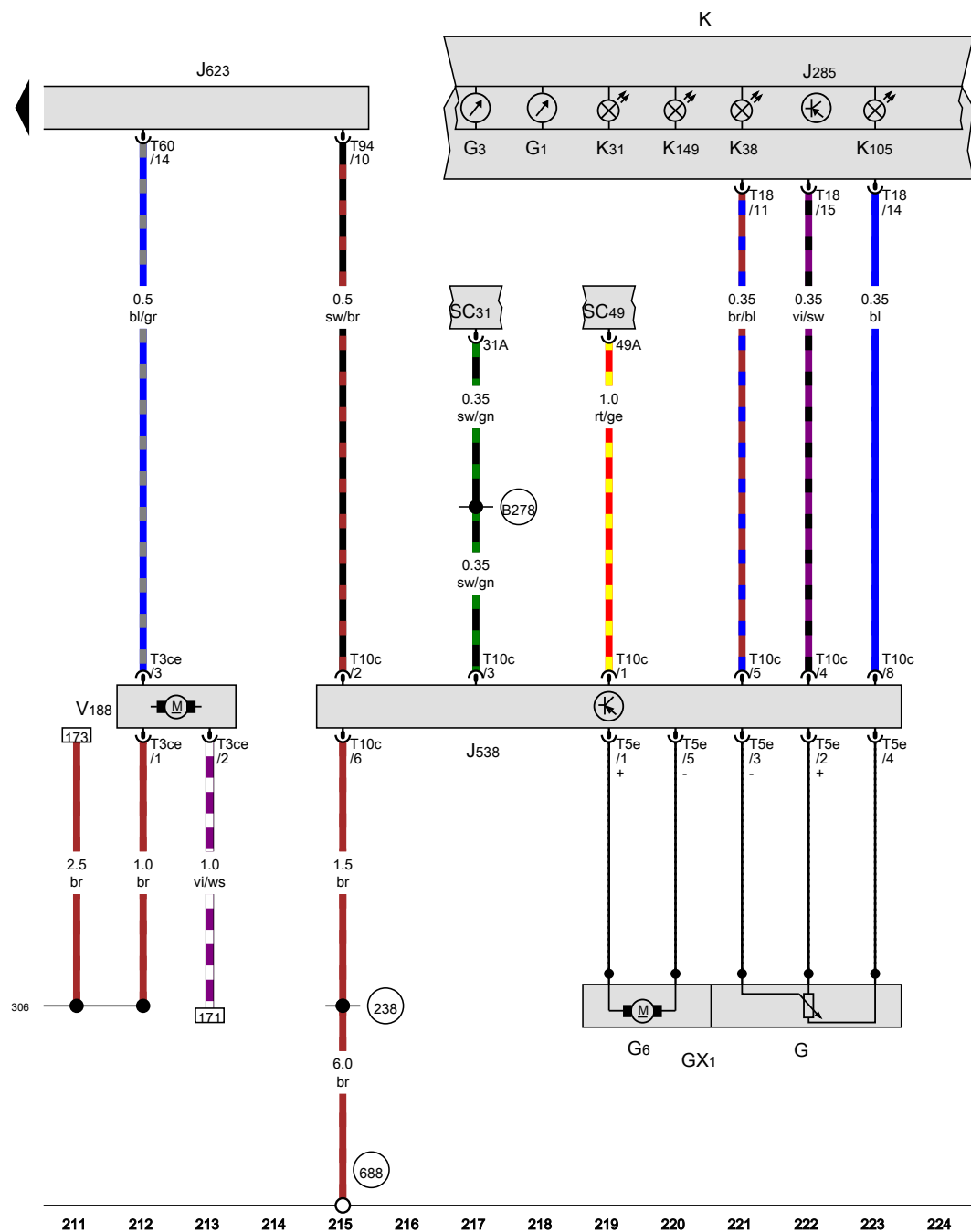


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T1gw 1-pin connector
- T1gx 1-pin connector
- T1gy 1-pin connector
- T1gz 1-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T4d 4-pin connector
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

- ws = white
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- ro = red
- rt = red
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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- rs = pink



Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert, Charge air cooling pump

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC31 Fuse 31 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3ce 3-pin connector
- T5e 5-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector
- T60 60-pin connector, black
- T94 94-pin connector
- V188 Charge air cooling pump

- 238 Earth connection 1, in interior wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 688 Earth point 2, on centre tunnel
- B278 Positive connection 2 (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

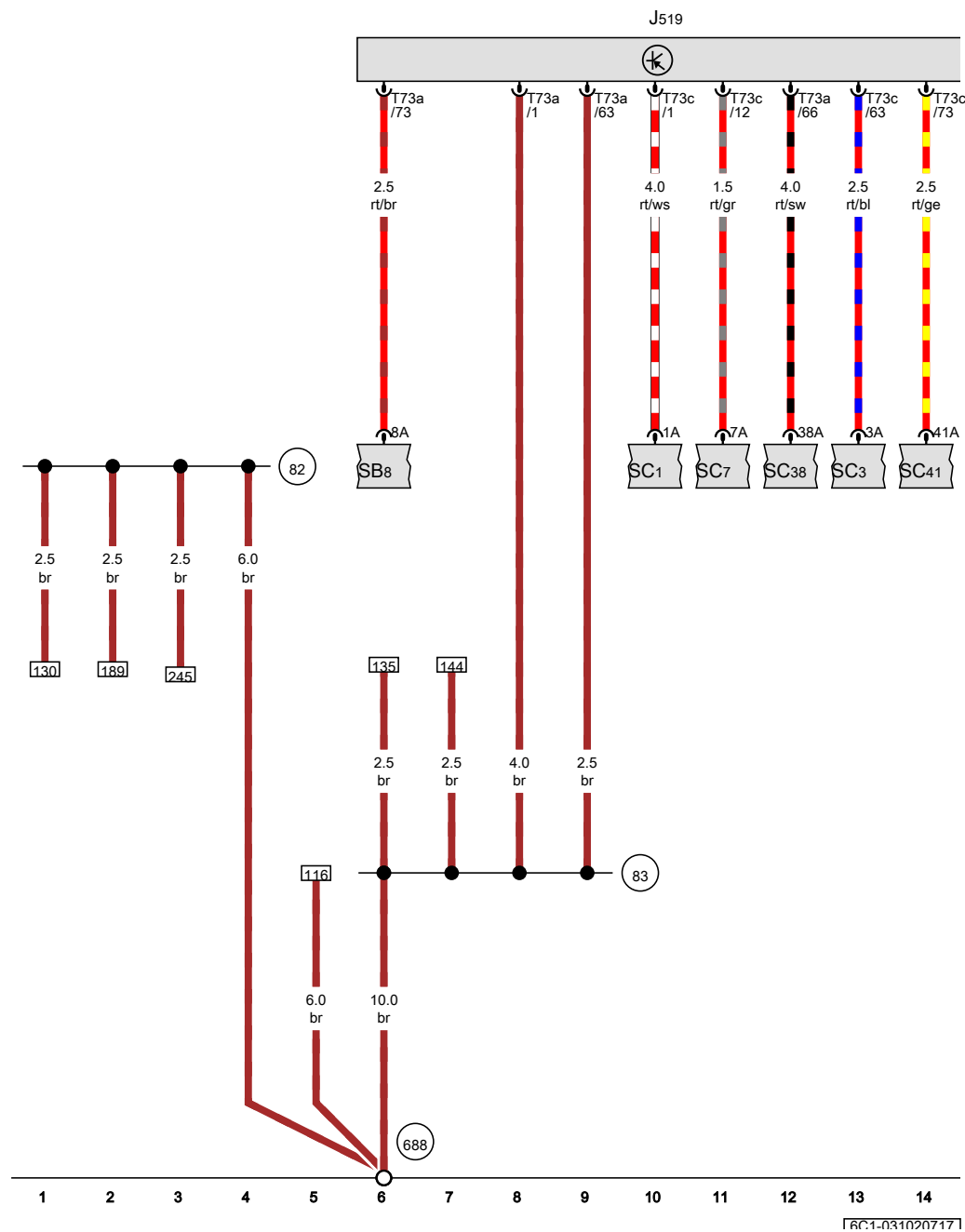
Basic equipment , (L0R)

From May 2014

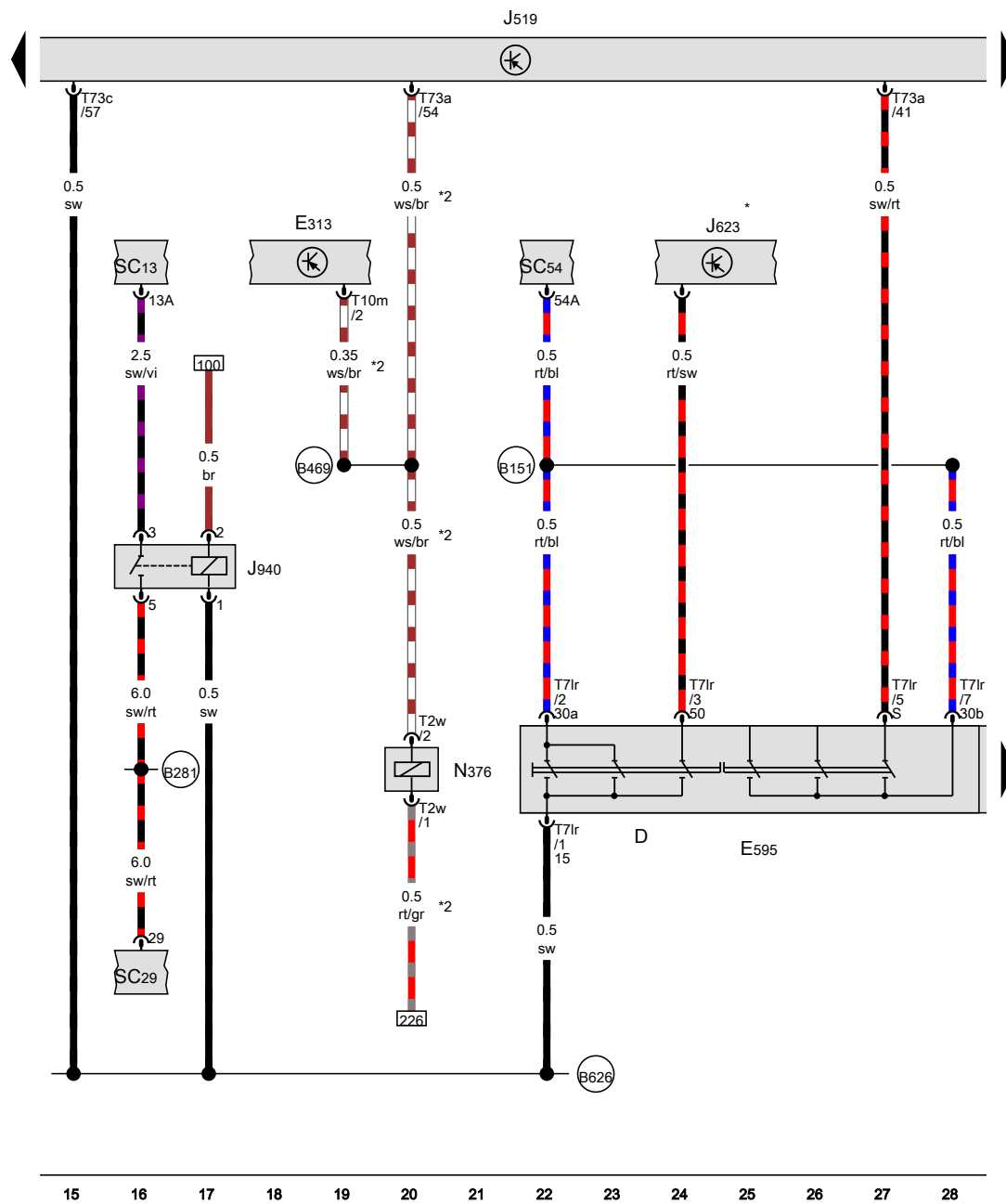
Onboard supply control unit

- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB8 Fuse 8 on fuse holder B
- SC38 Fuse 38 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector

- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 688 Earth point 2, on centre tunnel



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



Ignition/starter switch, Selector lever, Steering column combination switch, Onboard supply control unit, Terminal 15 relay, Ignition key withdrawal lock solenoid

- D Ignition/starter switch
- E313 Selector lever
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J940 Terminal 15 relay
- N376 Ignition key withdrawal lock solenoid
- SC13 Fuse 13 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- T2w 2-pin connector, black
- T7lr 7-pin connector, black
- T10m 10-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

B151 Positive connection 3 (30a), in interior wiring harness

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

B469 Connection 5, in main wiring harness

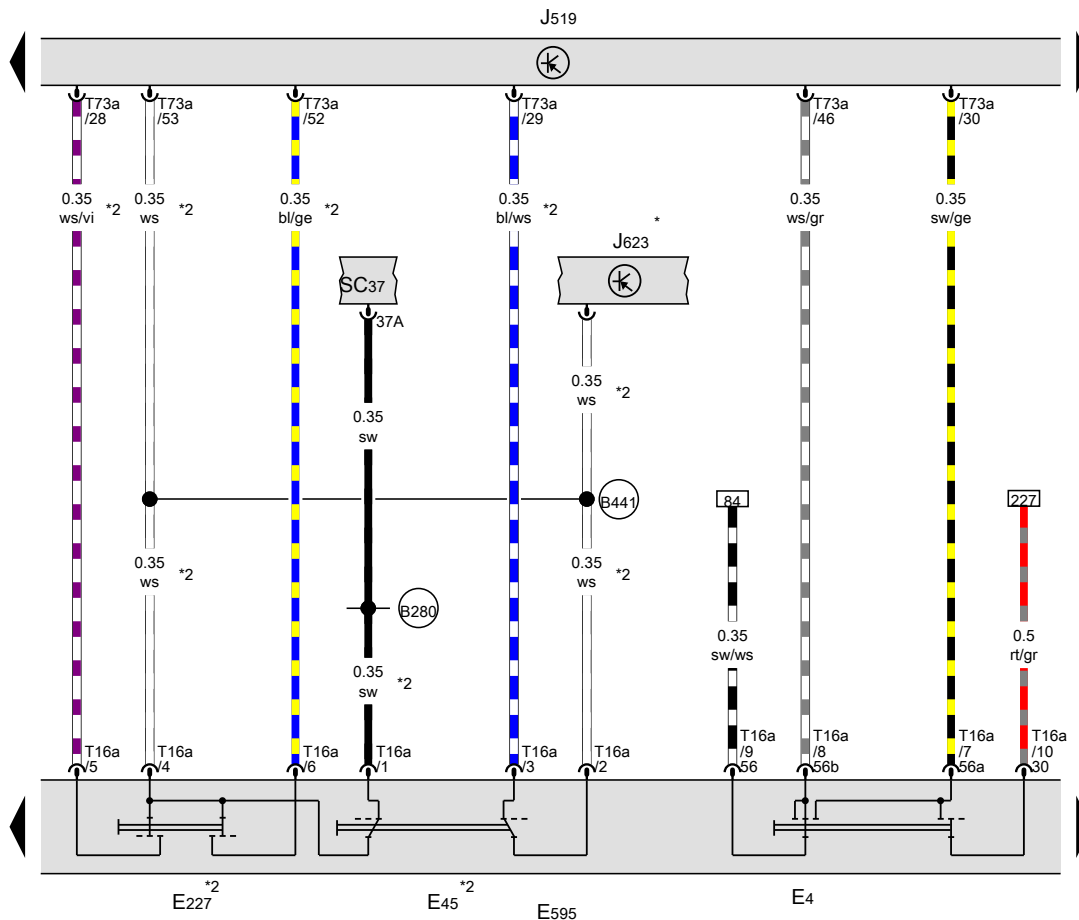
B626 Positive connection 2 (15), in main wiring harness

* see applicable current flow diagram for engine

*2 For models with dual clutch gearbox

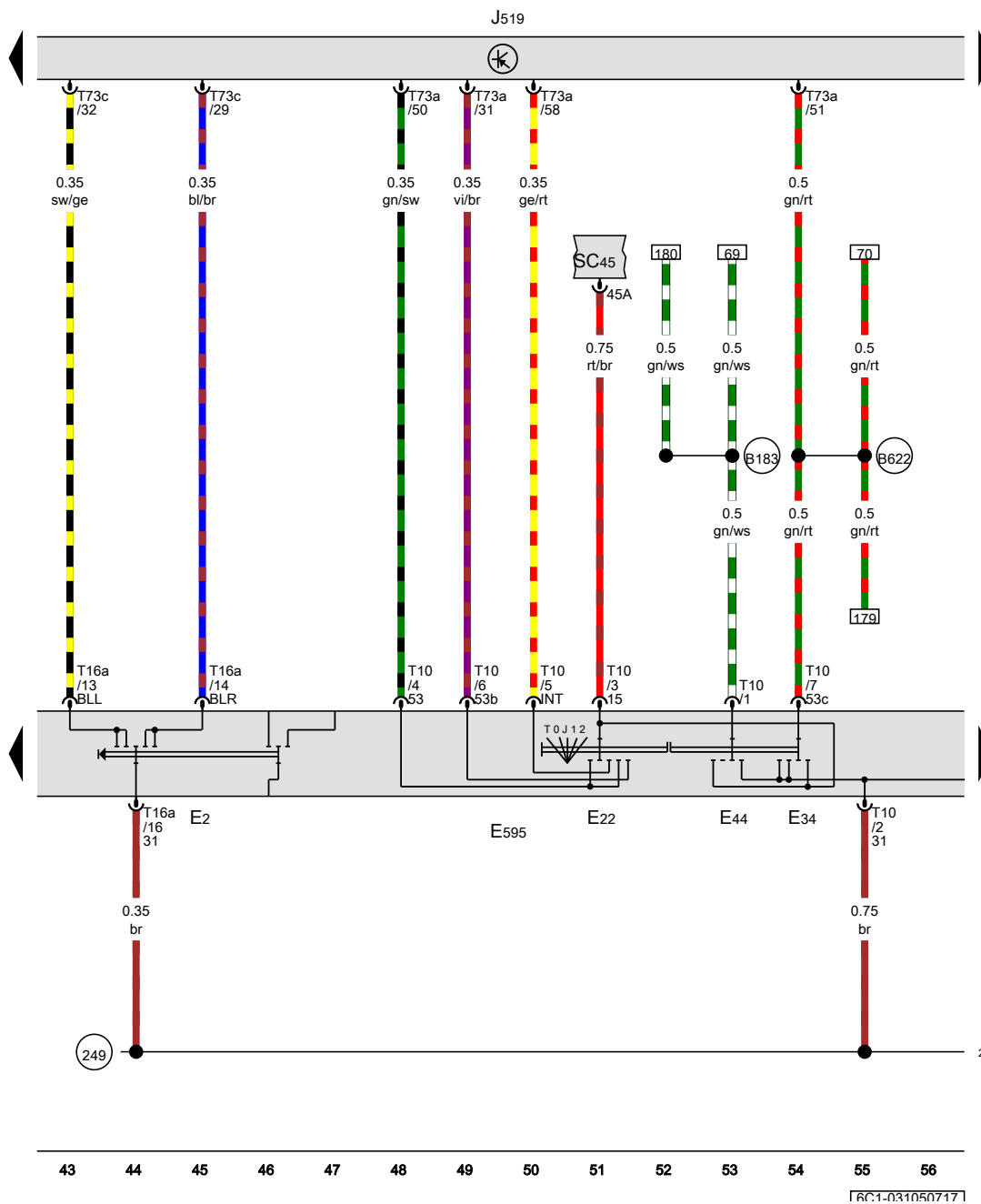
- ws = white
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- bl = blue
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Headlight dipper and flasher switch, Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Onboard supply control unit



- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SC37 Fuse 37 on fuse holder C
- T16a 16-pin connector, black
- T73a 73-pin connector
- B280 Positive connection 4 (15a) in main wiring harness
- B441 Connection (CCS), in main wiring harness
- * see applicable current flow diagram for engine
- *2 For models with cruise control system (CCS)

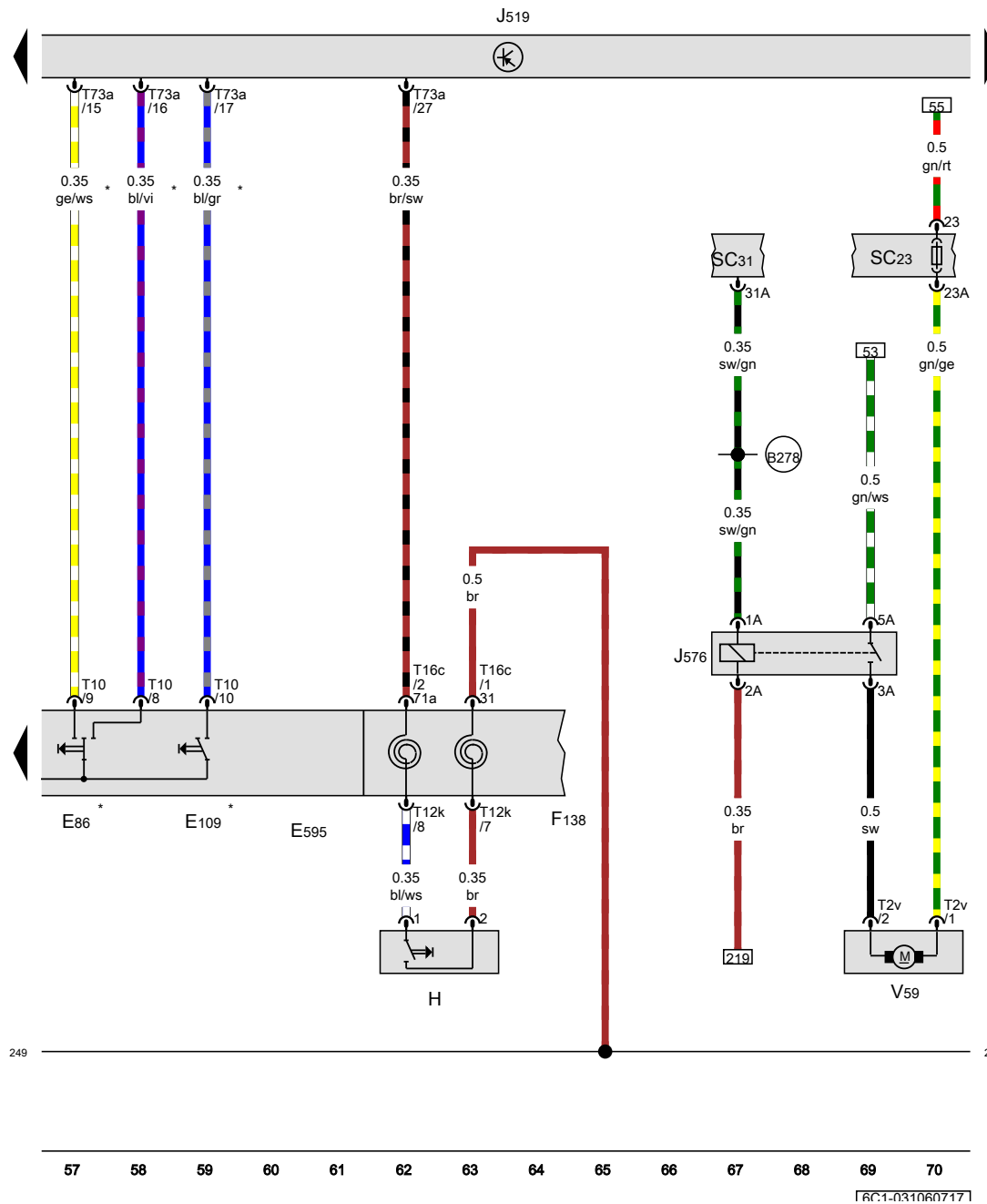
ws = white
 sw = black
 ro = red
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 gn = green
 bl = blue
 gr = grey
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 vi = purple
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 or = orange
 rs = pink



Intermittent wiper switch, Rear wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Onboard supply control unit

- E2 Turn signal switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC45 Fuse 45 on fuse holder C
- T10 10-pin connector, black
- T16a 16-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

- 249 Earth connection 2, in interior wiring harness
- B183 Connection 1 (washer pump), in interior wiring harness
- B622 Connection (windscreen wiper), in main wiring harness



Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch, Horn plate, Onboard supply control unit, Washer pump relay, Windscreen and rear window washer pump

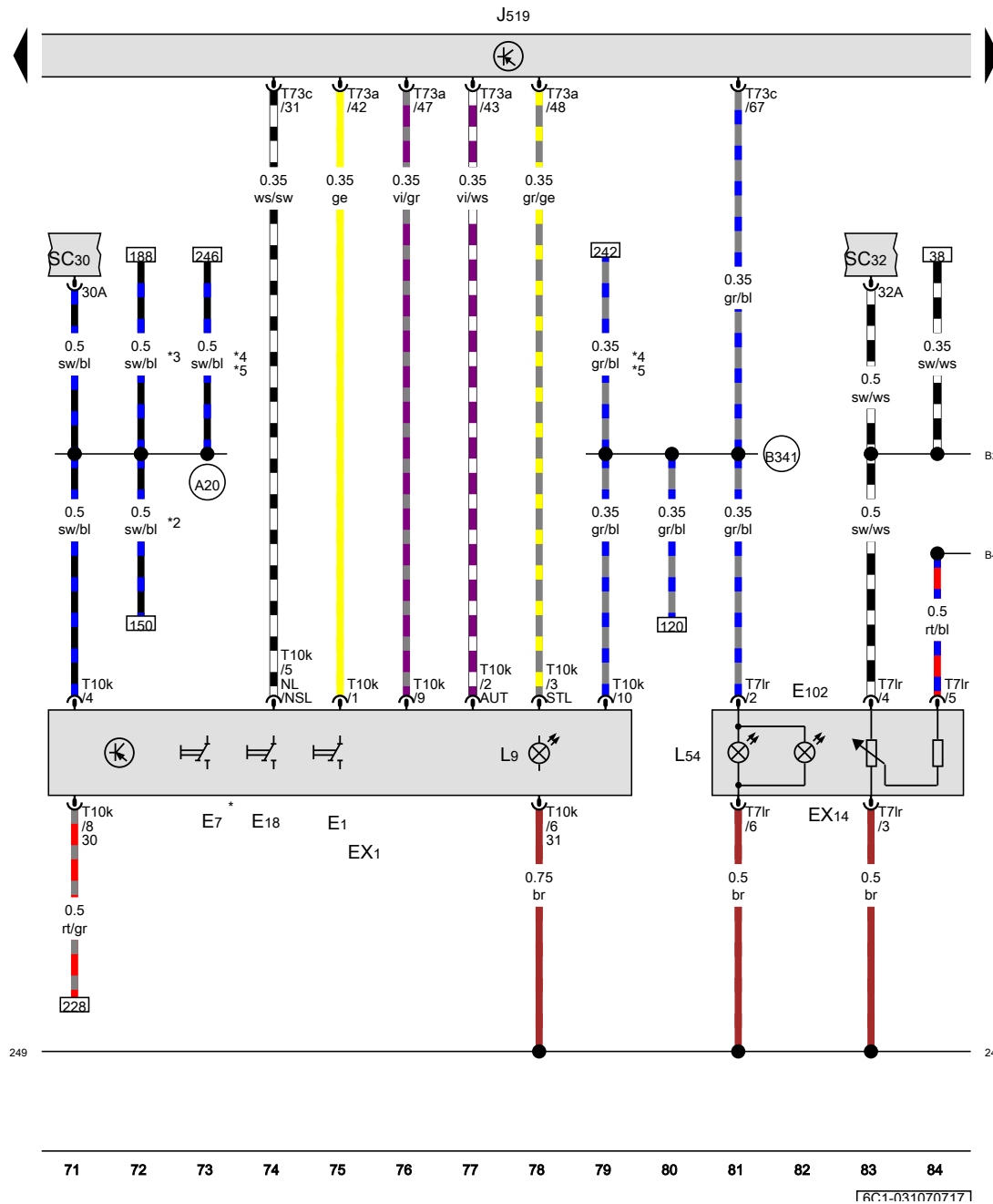
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J519 Onboard supply control unit
- J576 Washer pump relay
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2v 2-pin connector, black
- T10 10-pin connector, black
- T12k 12-pin connector, yellow
- T16c 16-pin connector
- T73a 73-pin connector
- V59 Windscreen and rear window washer pump

249 Earth connection 2, in interior wiring harness

B278 Positive connection 2 (15a) in main wiring harness

* For models with multifunction display

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

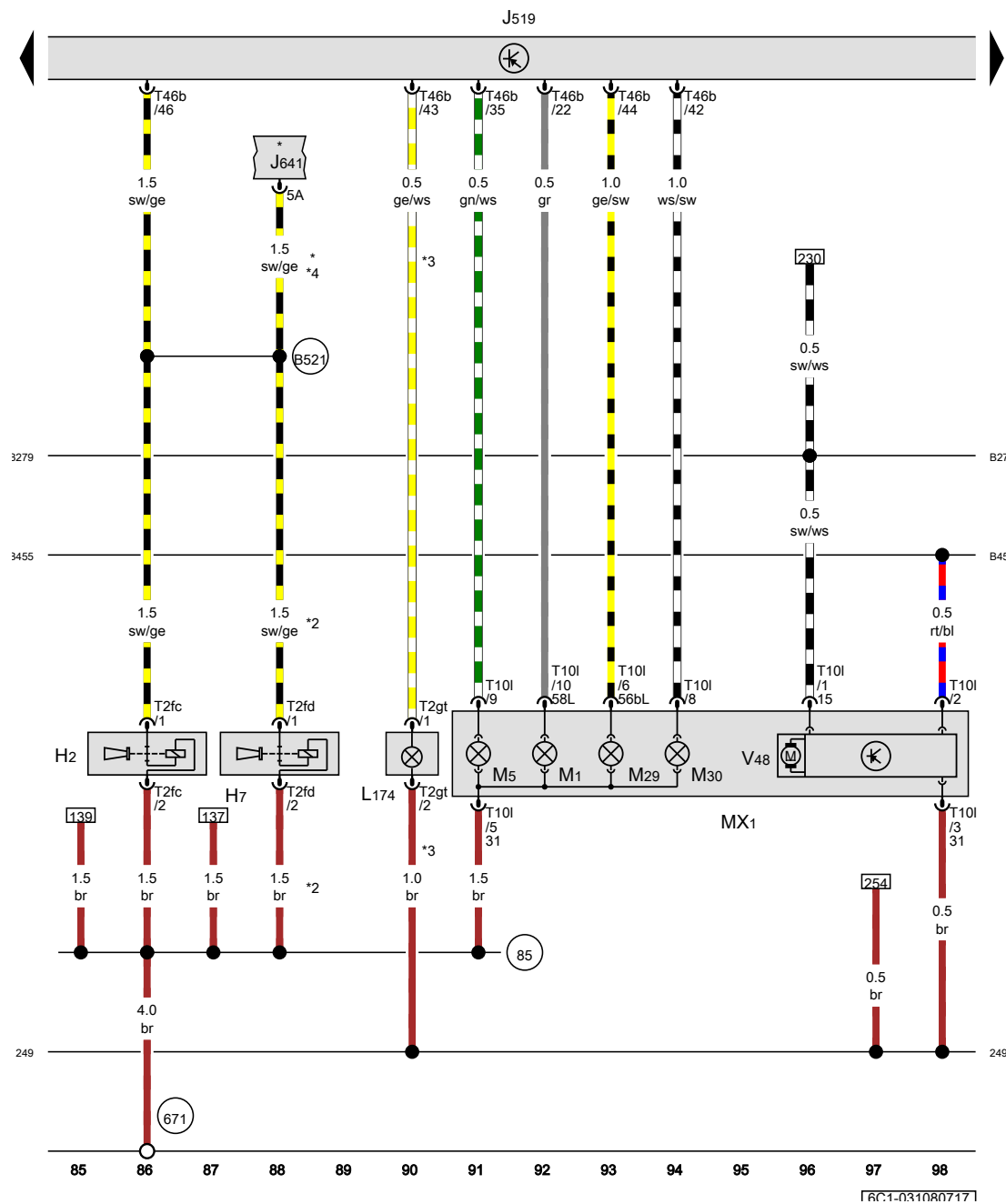


Rotary light switch, Fog light switch, Headlight range control and instrument illumination regulator, Rear fog light switch, Onboard supply control unit, Headlight range control regulator illumination bulb

- E1 Light switch
- EX1 Rotary light switch
- E7 Fog light switch
- EX14 Headlight range control and instrument illumination regulator
- E18 Rear fog light switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- L54 Headlight range control regulator illumination bulb
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T7lr 7-pin connector, black
- T10k 10-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

- 249 Earth connection 2, in interior wiring harness
- A20 Positive connection (15a), in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B455 Connection (HRC), in main wiring harness

- * For models with fog lights
- *2 Not for models with dual clutch gearbox
- *3 For models with automatic anti-dazzle interior mirror
- *4 For models with 1.0l petrol engine
- *5 For models with 1.6l engine



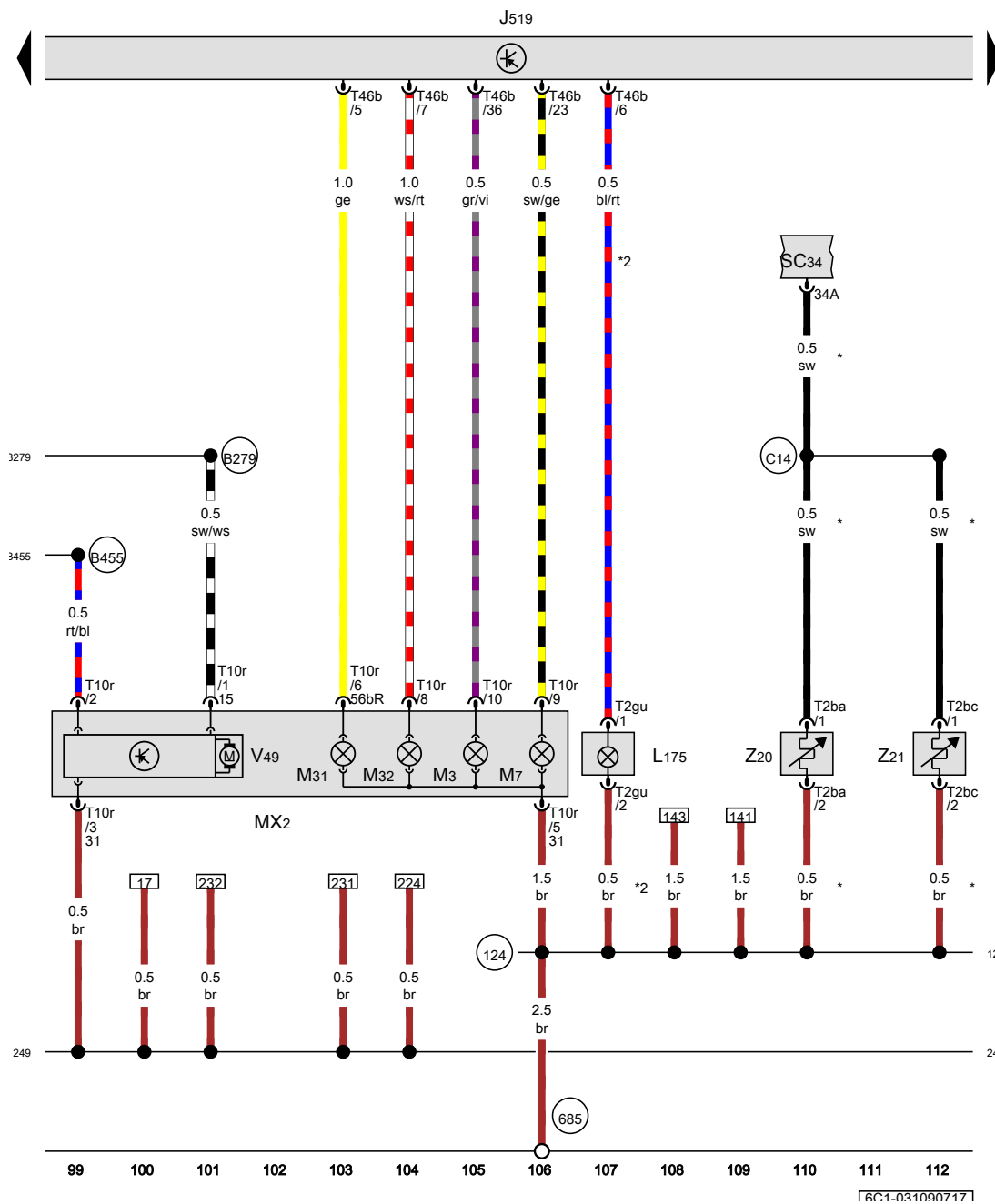
Treble horn, Bass horn, Onboard supply control unit, Left daytime running light bulb, Front left headlight, Left headlight range control motor

- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- J641 Alarm horn relay
- L174 Left daytime running light bulb
- M1 Left side light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2fc 2-pin connector
- T2fd 2-pin connector
- T2gt 2-pin connector
- T10l 10-pin connector
- T46b 46-pin connector
- V48 Left headlight range control motor

- 85 Earth connection 1, in engine compartment wiring harness
- 249 Earth connection 2, in interior wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B279 Positive connection 3 (15a) in main wiring harness
- B455 Connection (HRC), in main wiring harness
- B521 Connection (dual tone horn), in main wiring harness

- * For South Africa
- *2 For models with dual tone horn
- *3 For models with daytime running lights
- *4 see applicable current flow diagram for convenience 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

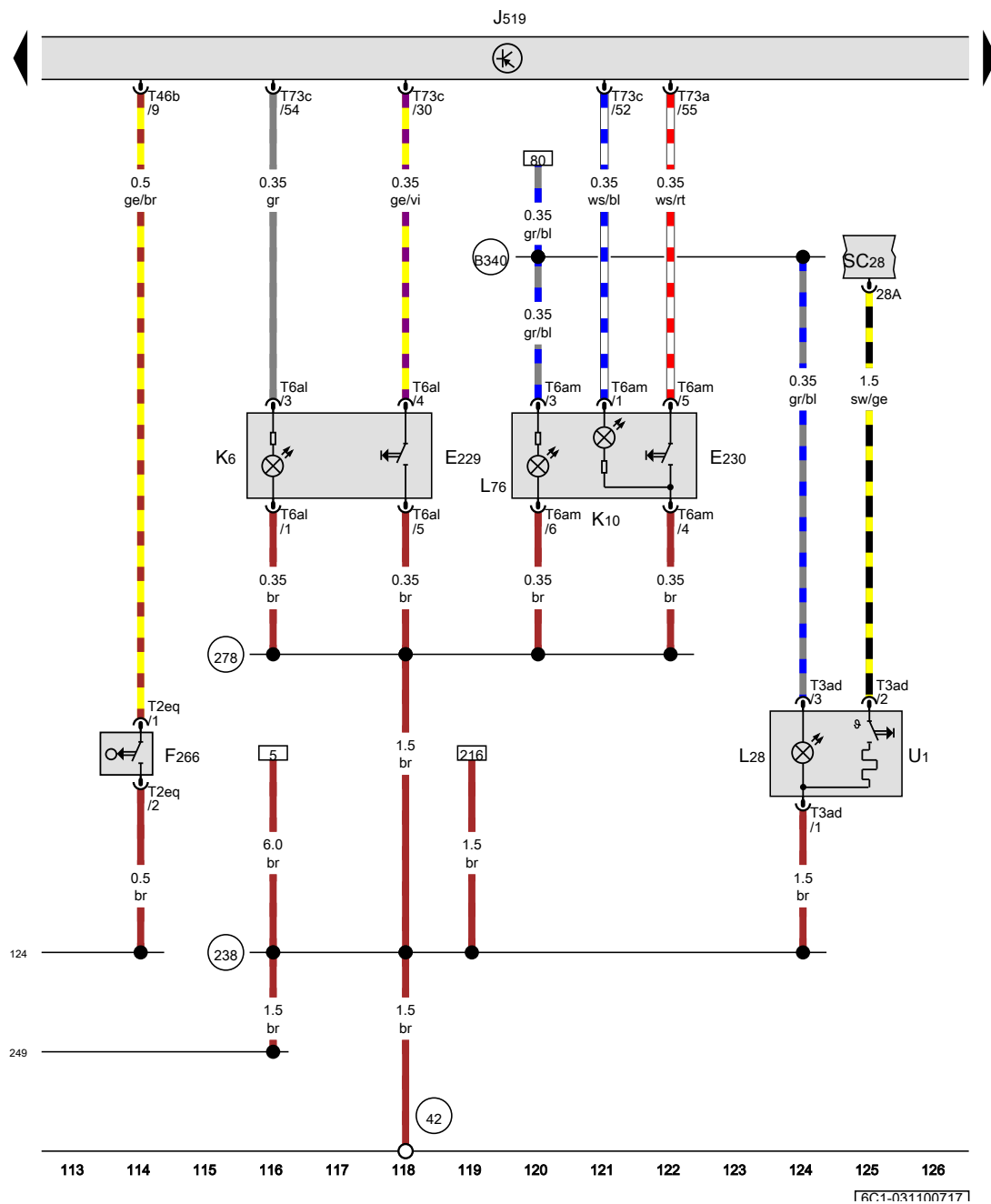


Onboard supply control unit, Right daytime running light bulb, Front right headlight, Right headlight range control motor, Left washer jet heater element, Right washer jet heater element

- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC34 Fuse 34 on fuse holder C
- T2ba 2-pin connector
- T2bc 2-pin connector
- T2gu 2-pin connector
- T10r 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 124 Earth connection, in right side engine compartment wiring harness
- 249 Earth connection 2, in interior wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B279 Positive connection 3 (15a) in main wiring harness
- B455 Connection (HRC), in main wiring harness
- C14 Positive connection (15), in heated washer jet wiring harness

* For models with heated washer jets
 *2 For models with daytime running lights

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

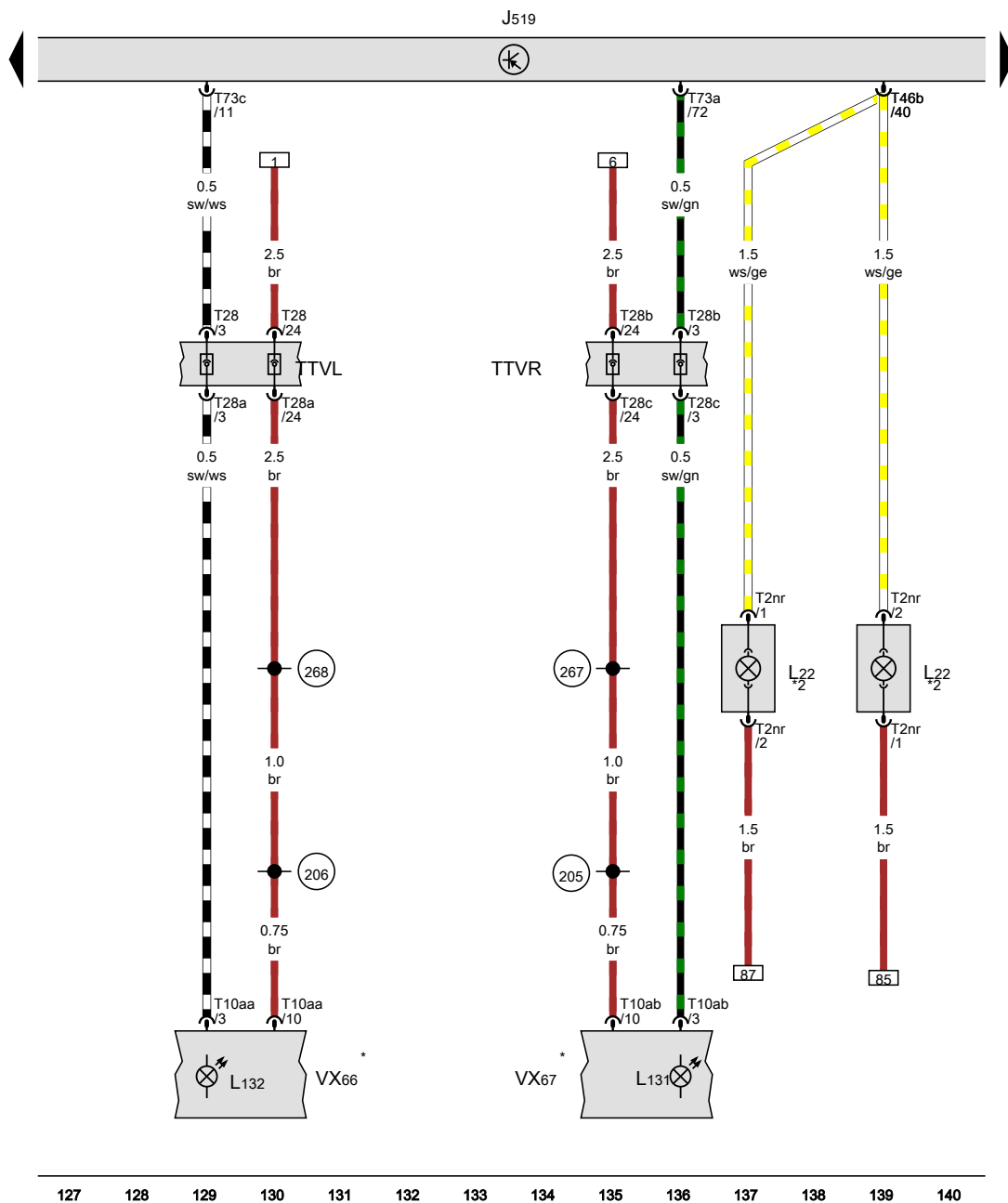


ws = white
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 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
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 rs = pink

Hazard warning lights button, Heated rear window button, Bonnet contact switch, Onboard supply control unit, Cigarette lighter illumination bulb, Cigarette lighter

- E229 Hazard warning lights button
- E230 Heated rear window button
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- K10 Heated rear window warning lamp
- L28 Cigarette lighter illumination bulb
- L76 Button illumination bulb
- SC28 Fuse 28 on fuse holder C
- T2eq 2-pin connector
- T3ad 3-pin connector
- T6al 6-pin connector, blue
- T6am 6-pin connector, brown
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- U1 Cigarette lighter

- 42 Earth point, next to steering column
- 124 Earth connection, in right side engine compartment wiring harness
- 238 Earth connection 1, in interior wiring harness
- 249 Earth connection 2, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- B340 Connection 1 (58d), in main wiring harness

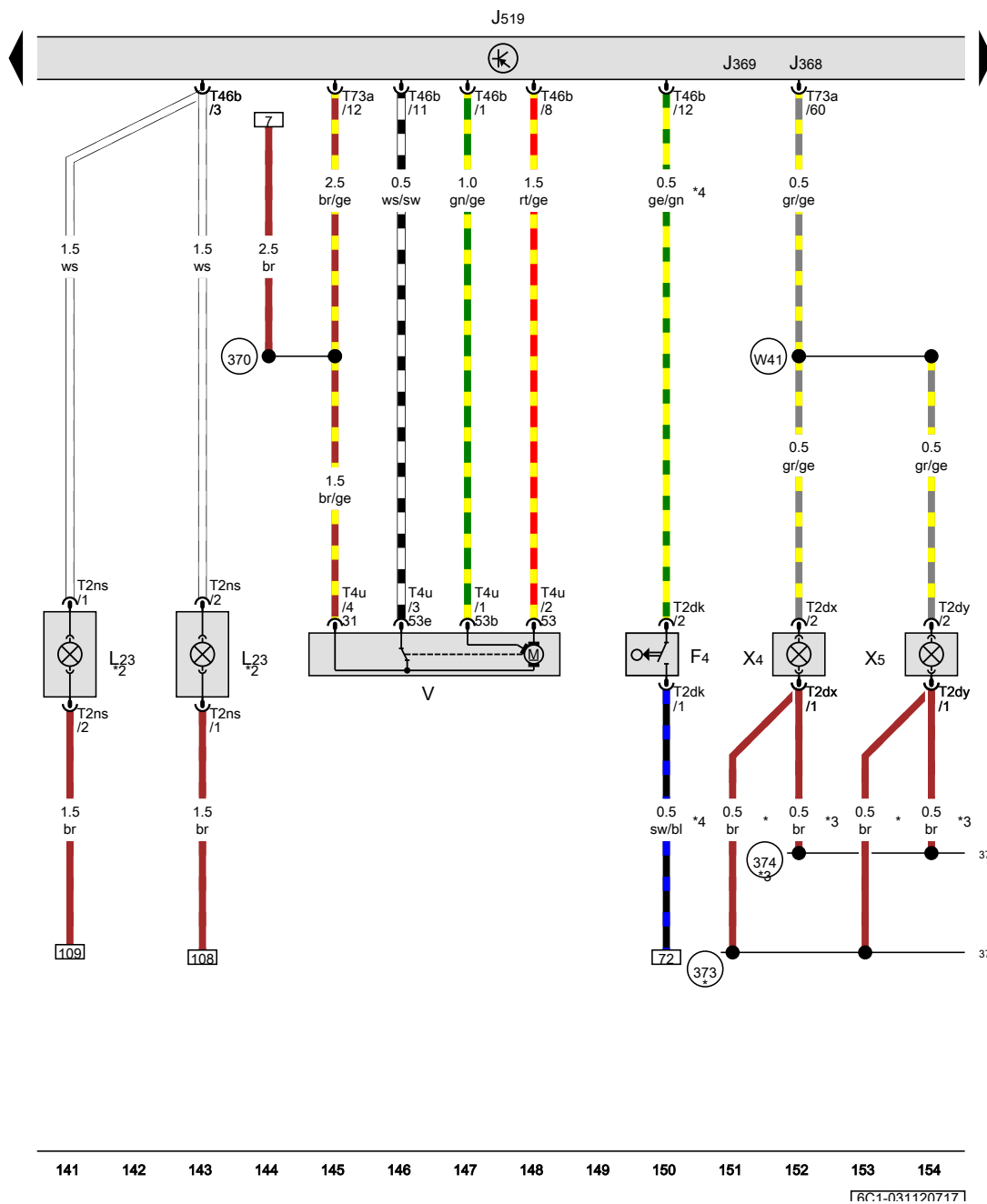


Onboard supply control unit, Left fog light bulb, Left exterior mirror, Right exterior mirror

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2nr 2-pin connector
- T10aa 10-pin connector
- T10ab 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- VX66 Left exterior mirror
- VX67 Right exterior mirror

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- * Pre-wired component
- *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



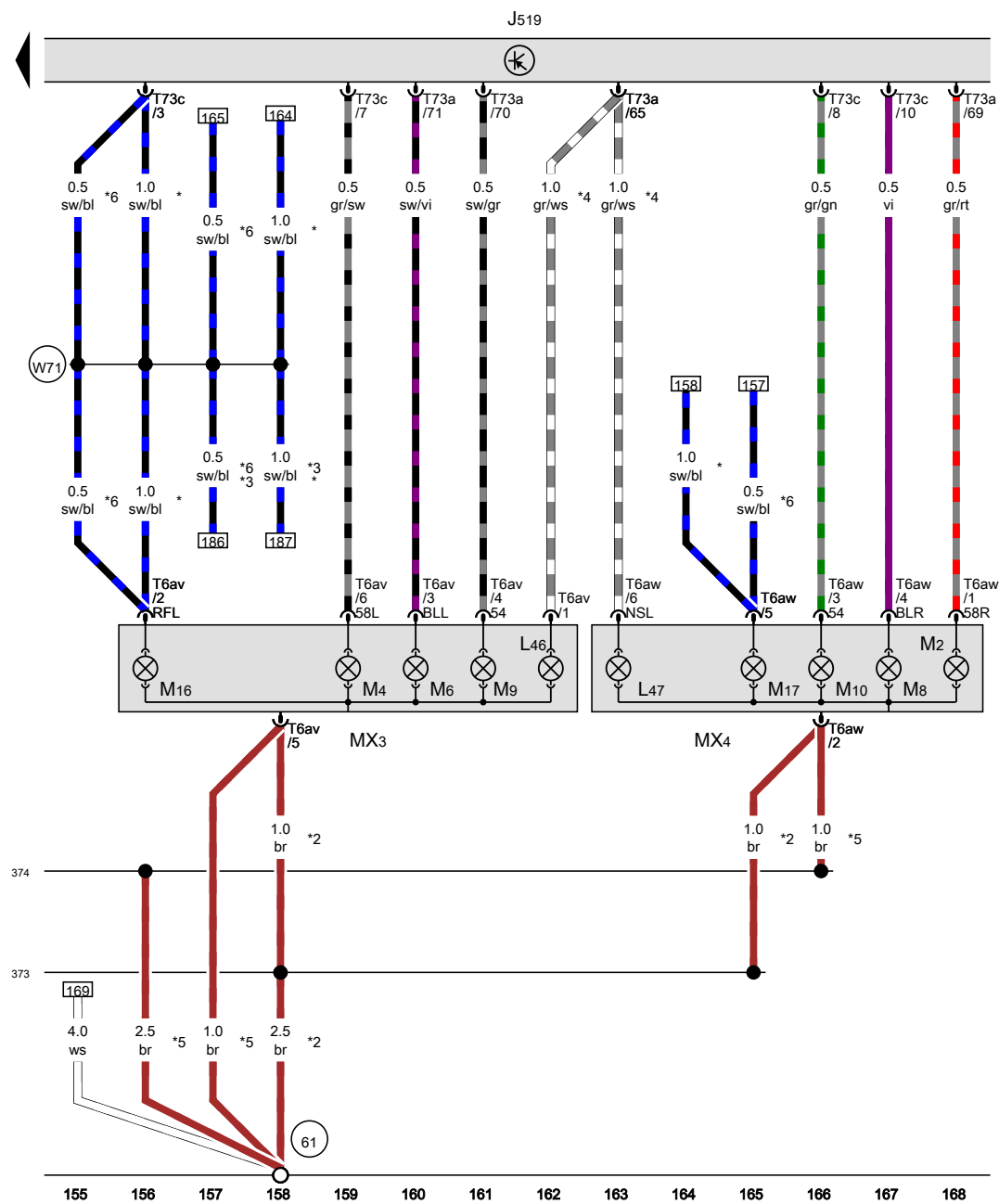
Reversing light switch, Onboard supply control unit, Right fog light bulb, Windscreen wiper motor, Left number plate light, Right number plate light

- F4 Reversing light switch
- J368 Wiper motor relay 1
- J369 Wiper motor relay 2
- J519 Onboard supply control unit
- L23 Right fog light bulb
- T2dk 2-pin connector, black
- T2dx 2-pin connector, black
- T2dy 2-pin connector, black
- T2ns 2-pin connector
- T4u 4-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- V Windscreen wiper motor
- X4 Left number plate light
- X5 Right number plate light

- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- W41 Positive connection (58), in number plate lights wiring harness

- * For models with battery in engine compartment
- *2 According to equipment
- *3 For models with battery in luggage compartment
- *4 Not for models with dual clutch gearbox

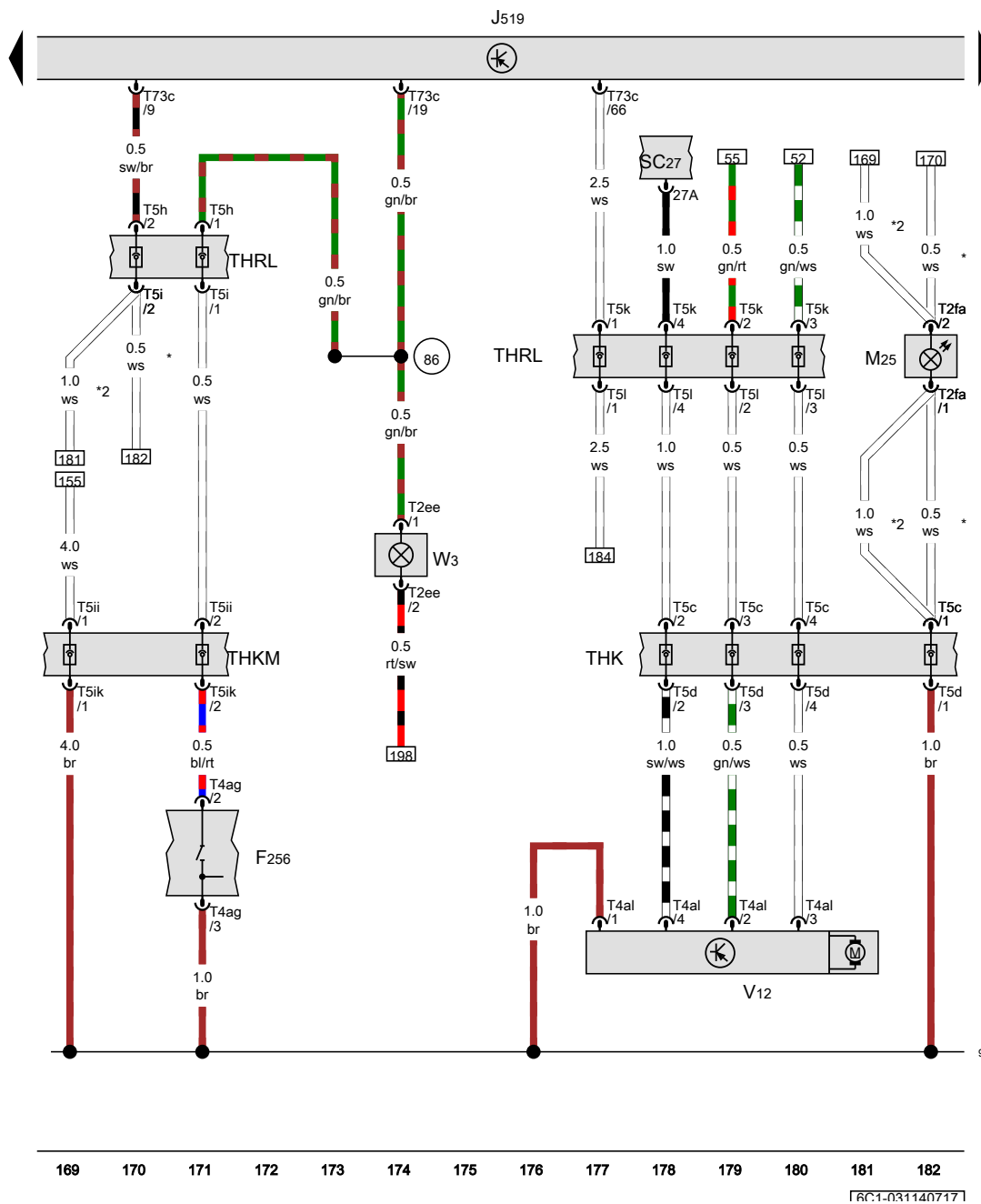
Onboard supply control unit, Left tail light, Right tail light



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX3 Left tail light
- MX4 Right tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T6av 6-pin connector, black
- T6aw 6-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

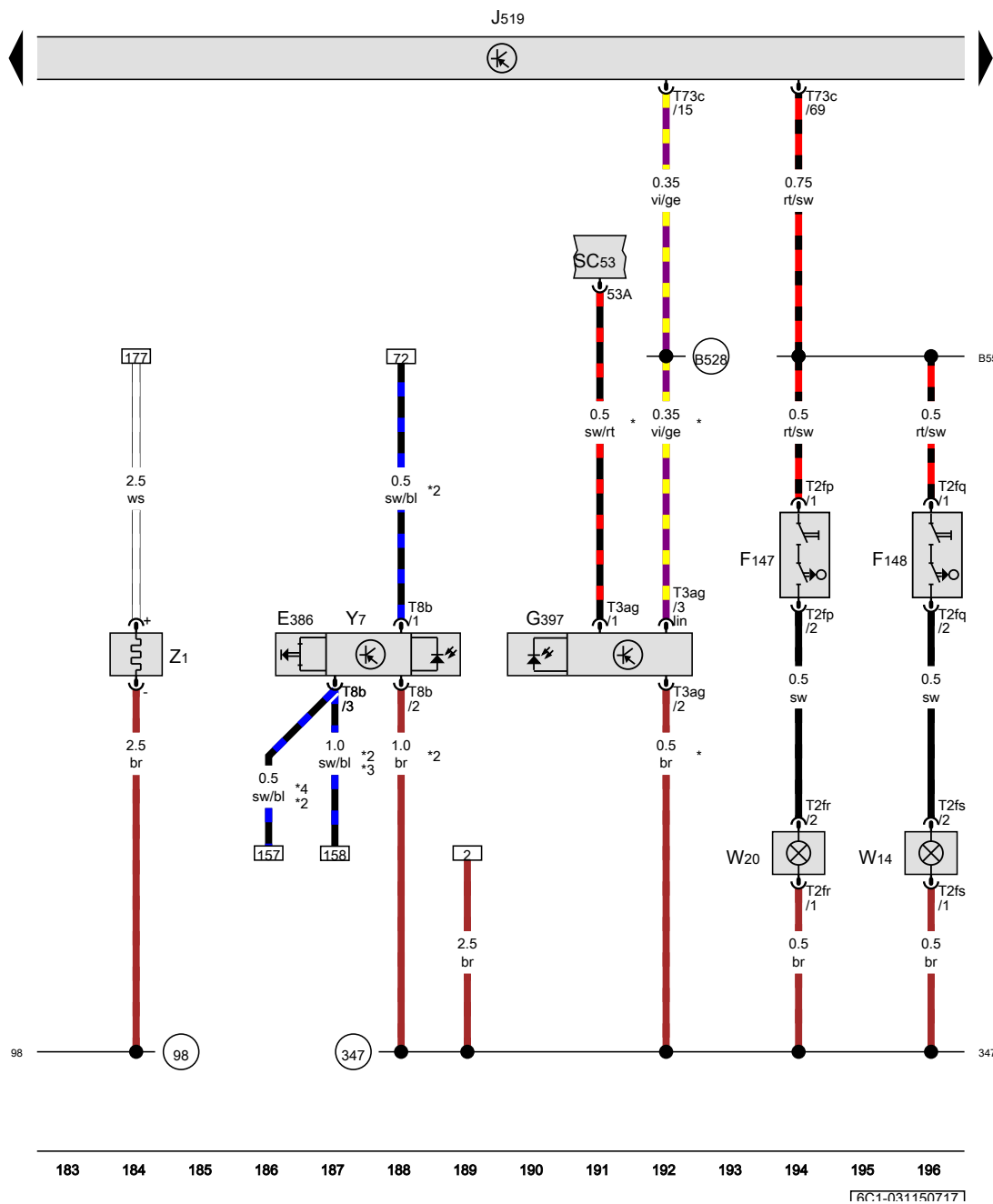
- 61 Earth point, left C-pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- W71 Connection (reversing light), in rear wiring harness
- * Up to May 2016
- *2 For models with battery in engine compartment
- *3 For models with automatic anti-dazzle interior mirror
- *4 For models with rear fog light
- *5 For models with battery in luggage compartment
- *6 From May 2016

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Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Luggage compartment light

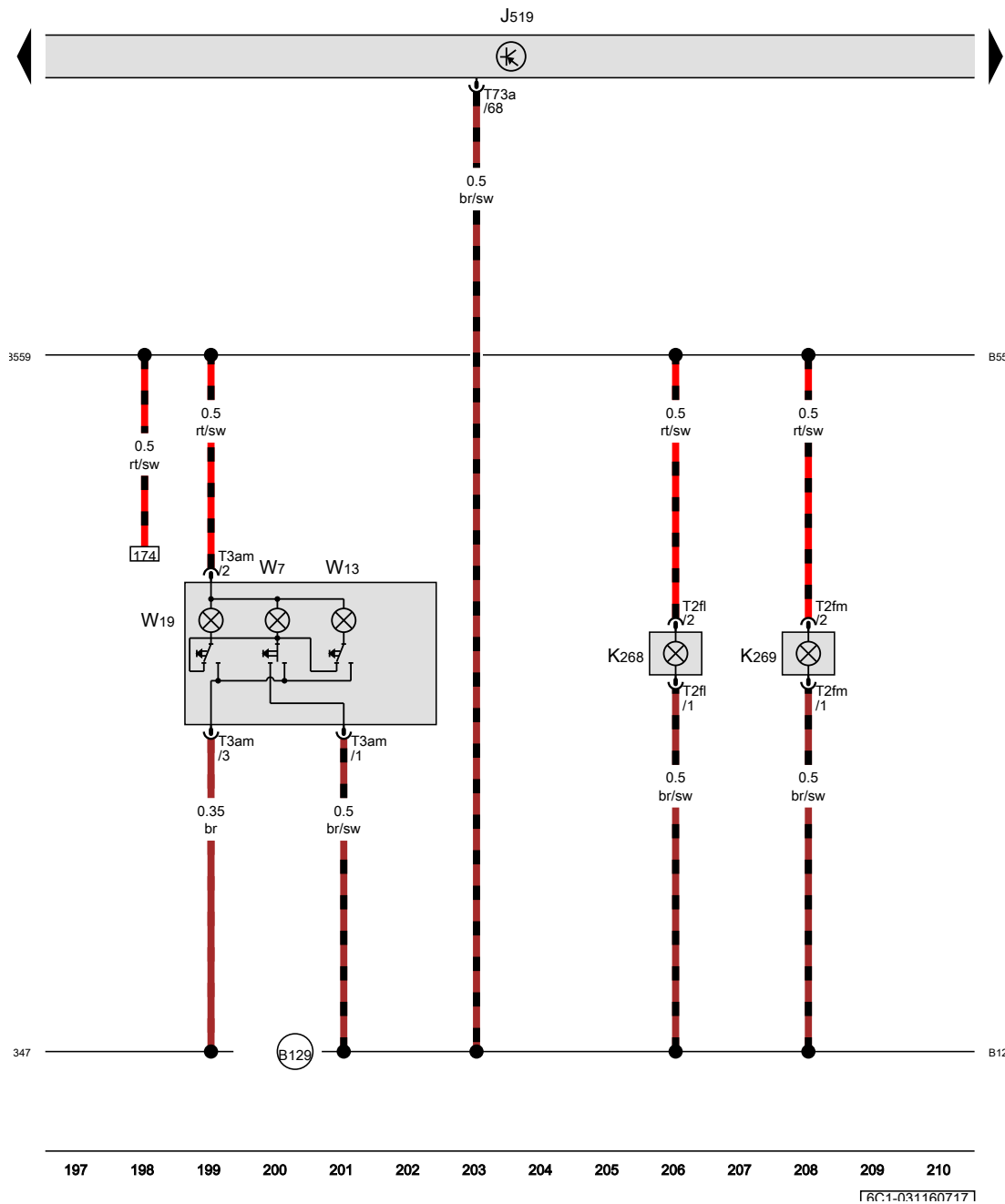
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC27 Fuse 27 on fuse holder C
- T2ee 2-pin connector
- T2fa 2-pin connector
- T4ag 4-pin connector, black
- T4al 4-pin connector
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T5h 5-pin connector, black
- T5i 5-pin connector, black
- T5ii 5-pin connector, brown
- T5ik 5-pin connector, brown
- T5k 5-pin connector, brown
- T5l 5-pin connector, brown
- T73c 73-pin connector
- THK Coupling point for rear lid
- THKM Coupling point on rear lid, centre
- THRL Coupling point in luggage compartment, left
- V12 Rear window wiper motor
- W3 Luggage compartment light
- 86 Earth connection 1, in rear wiring harness
- 98 Earth connection, in rear lid wiring harness
- * Up to May 2017
- *2 From May 2017



Anti-dazzle interior mirror button, Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Rain and light sensor, Onboard supply control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- G397 Rain and light sensor
- J519 Onboard supply control unit
- SC53 Fuse 53 on fuse holder C
- T2fp 2-pin connector
- T2fq 2-pin connector
- T2fr 2-pin connector
- T2fs 2-pin connector
- T3ag 3-pin connector
- T8b 8-pin connector, black
- T73c 73-pin connector
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- Y7 Automatic anti-dazzle interior mirror
- Z1 Heated rear window

- 98 Earth connection, in rear lid wiring harness
- 347 Earth connection, in roof wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- * For models with rain and light sensor
- *2 For models with automatic anti-dazzle interior mirror
- *3 Up to May 2016
- *4 From May 2016



Onboard supply control unit, Front left footwell light, Front right footwell light, Front passenger reading light

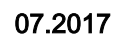
- J519 Onboard supply control unit
- K268 Front left footwell light
- K269 Front right footwell light
- T2fl 2-pin connector
- T2fm 2-pin connector
- T3am 3-pin connector
- T73a 73-pin connector
- W7 Centre interior light
- W13 Front passenger reading light
- W19 Driver side reading light

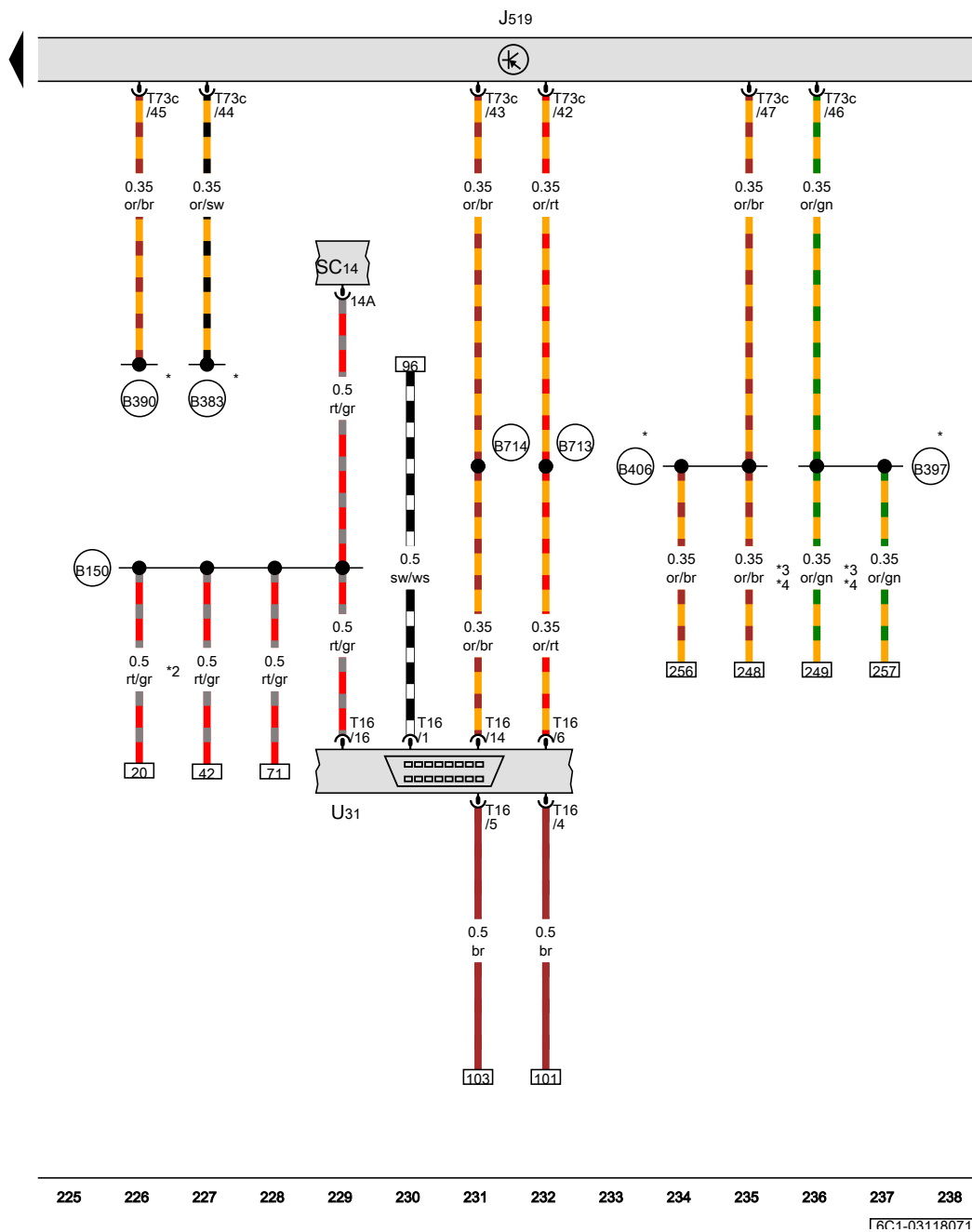
347 Earth connection, in roof wiring harness

B129 Connection (interior light, 31I), in interior wiring harness

B559 Positive connection 1 (30g), in main wiring harness

- ws = white
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- gr = grey
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- or = orange
- rs = pink





Onboard supply control unit, Diagnostic connection

J519 Onboard supply control unit

SC14 Fuse 14 on fuse holder C

T16 16-pin connector

T73c 73-pin connector

U31 Diagnostic connection

B150 Positive connection 2 (30a), in interior wiring harness

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

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

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

B406 Connection 1 (convenience 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

* see applicable current flow diagram for data bus network

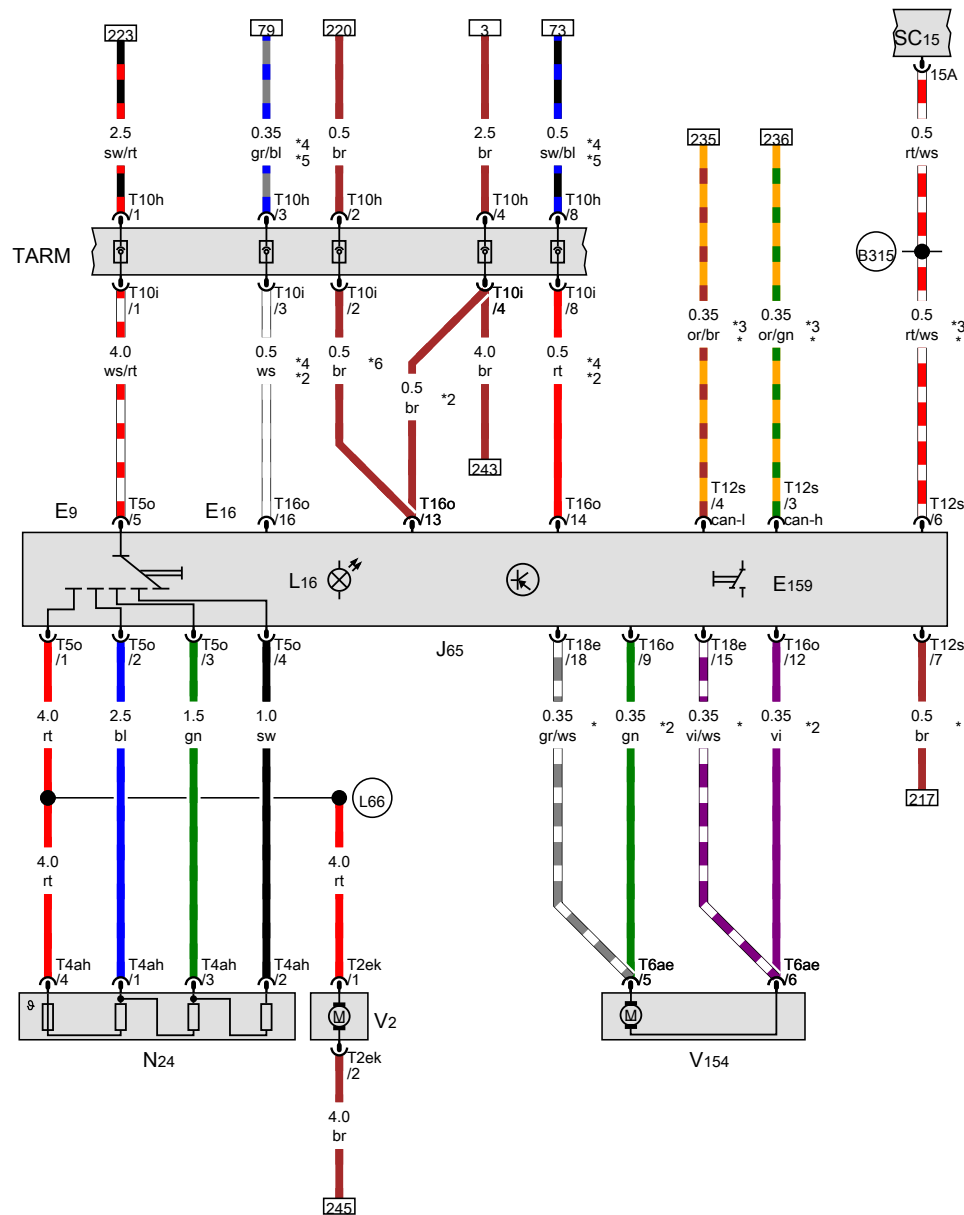
*2 For models with dual clutch gearbox

*3 According to equipment

*4 For models with auxiliary air heating

ws = white
sw = black
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Heater/heat output switch, Heater control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower, Fresh air and air recirculation flap control motor



- E9 Fresh air blower switch
- E16 Heater/heat output switch
- E159 Fresh air and air recirculation flap switch
- J65 Heater control unit
- L16 Fresh air regulator illumination bulb
- N24 Fresh air blower series resistor with overheating fuse
- SC15 Fuse 15 on fuse holder C
- T2ek 2-pin connector
- T4ah 4-pin connector
- T5o 5-pin connector
- T6ae 6-pin connector
- T10h 10-pin connector, black
- T10i 10-pin connector, black
- T12s 12-pin connector
- T16o 16-pin connector, black
- T18e 18-pin connector
- TARM Coupling point on right A-pillar, middle
- V2 Fresh air blower
- V154 Fresh air and air recirculation flap control motor

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

L66 Connection, in heater blower wiring harness

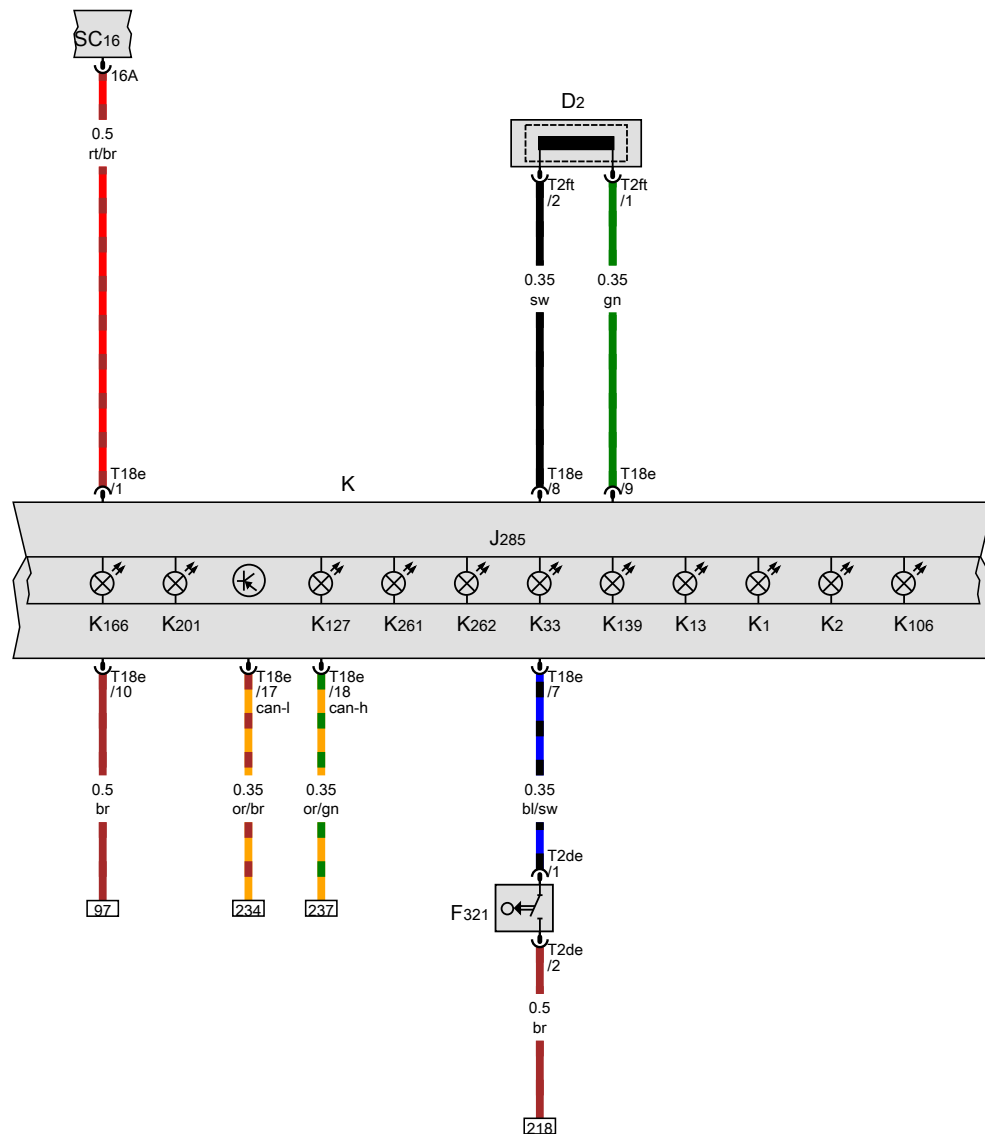
- * For models with auxiliary air heating
- *2 For models with no auxiliary air heater
- *3 According to equipment
- *4 For models with 1.0l petrol engine
- *5 For models with 1.6l engine
- *6 gradual introduction

ws = white
 sw = black
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 bl = blue
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16C1-031190717

Immobiliser reader coil, Parking brake contact switch, Control unit in dash panel insert, Dash panel insert

- D2 Immobiliser reader coil
- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- K33 Brake fluid level warning lamp
- K106 Washer fluid low warning lamp
- K127 Rear lid open warning lamp
- K139 Handbrake warning lamp
- K166 Door open warning lamp
- K201 Fuel tank flap lock warning lamp
- K261 Warning lamp for left turn signal
- K262 Warning lamp for right turn signal
- SC16 Fuse 16 on fuse holder C
- T2de 2-pin connector
- T2ft 2-pin connector
- T18e 18-pin connector

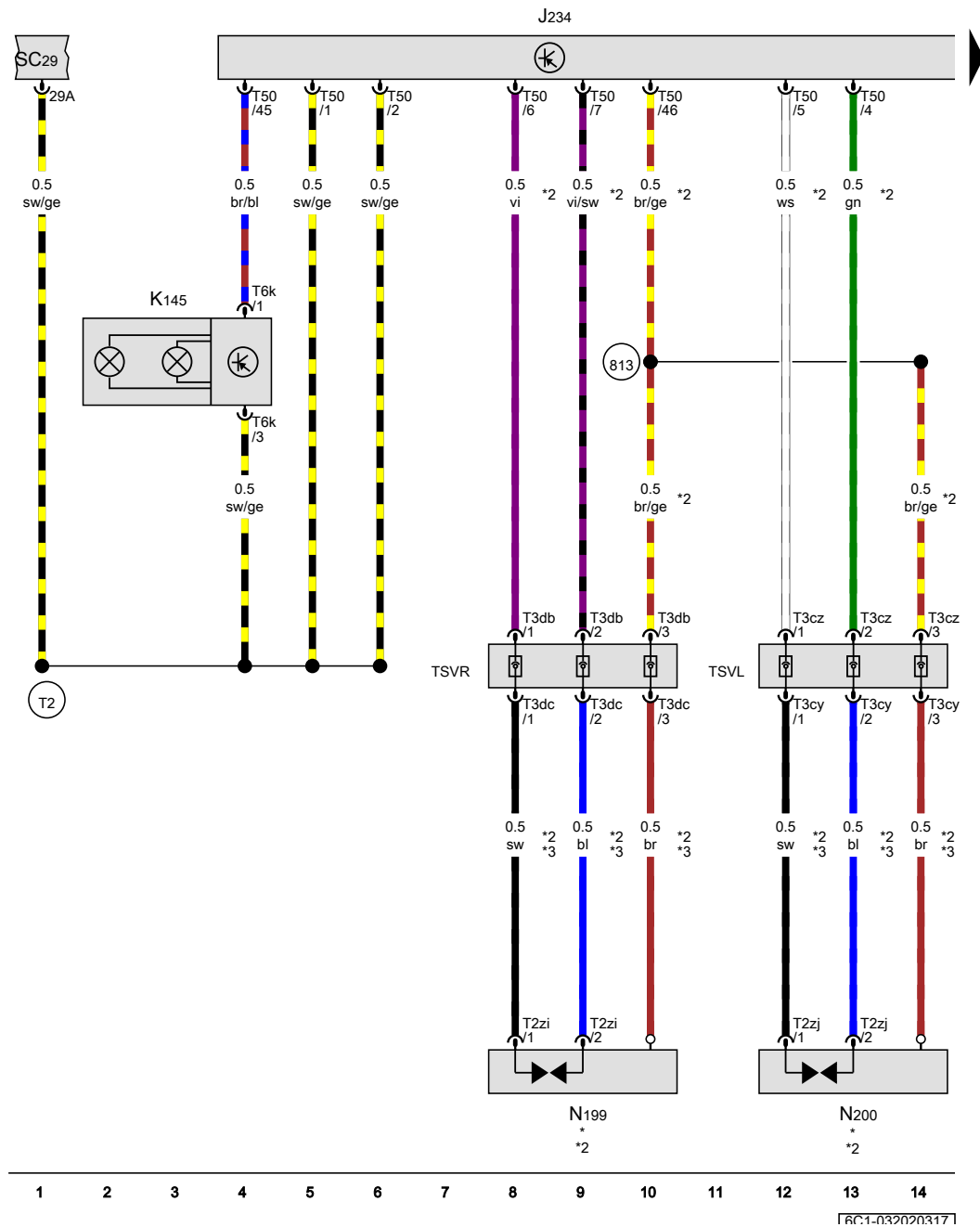


- ws = white
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Airbag systems , (L0R)

From April 2014

Airbag control unit, Front passenger side airbag deactivated warning lamp, Side airbag igniter on driver side, Side airbag igniter on front passenger side



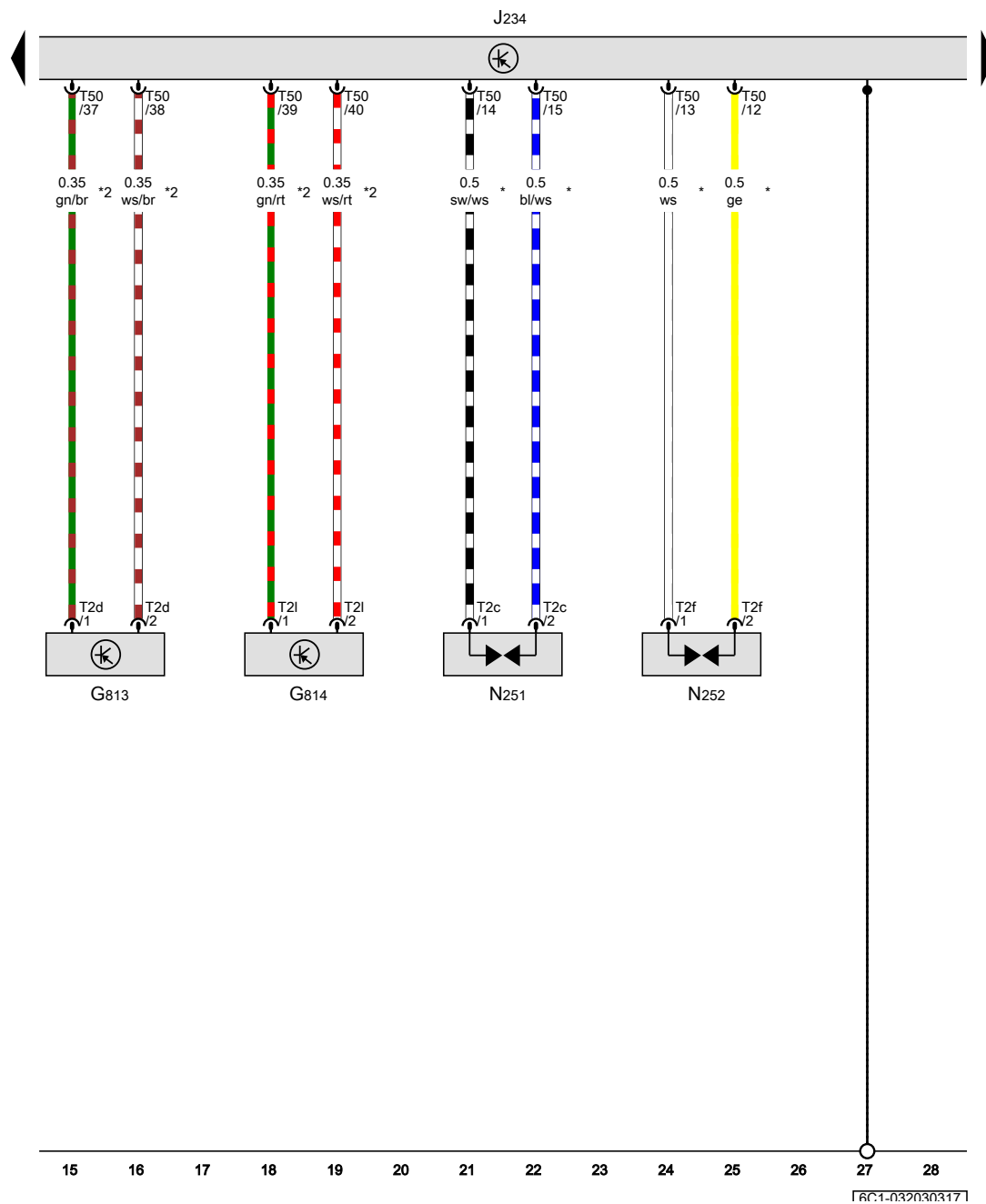
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- SC29 Fuse 29 on fuse holder C
- T2zi 2-pin connector, yellow
- T2zj 2-pin connector, yellow
- T3cy 3-pin connector
- T3cz 3-pin connector
- T3db 3-pin connector
- T3dc 3-pin connector
- T6k 6-pin connector, red
- T50 50-pin connector
- TSVL Coupling point for front left seat
- TSVR Coupling point for front right seat

813 Earth connection 4, in airbag wiring harness

T2 Positive connection 2, in airbag wiring harness

- * Pre-wired component
- *2 Only models with side airbags
- *3 Adapter wire

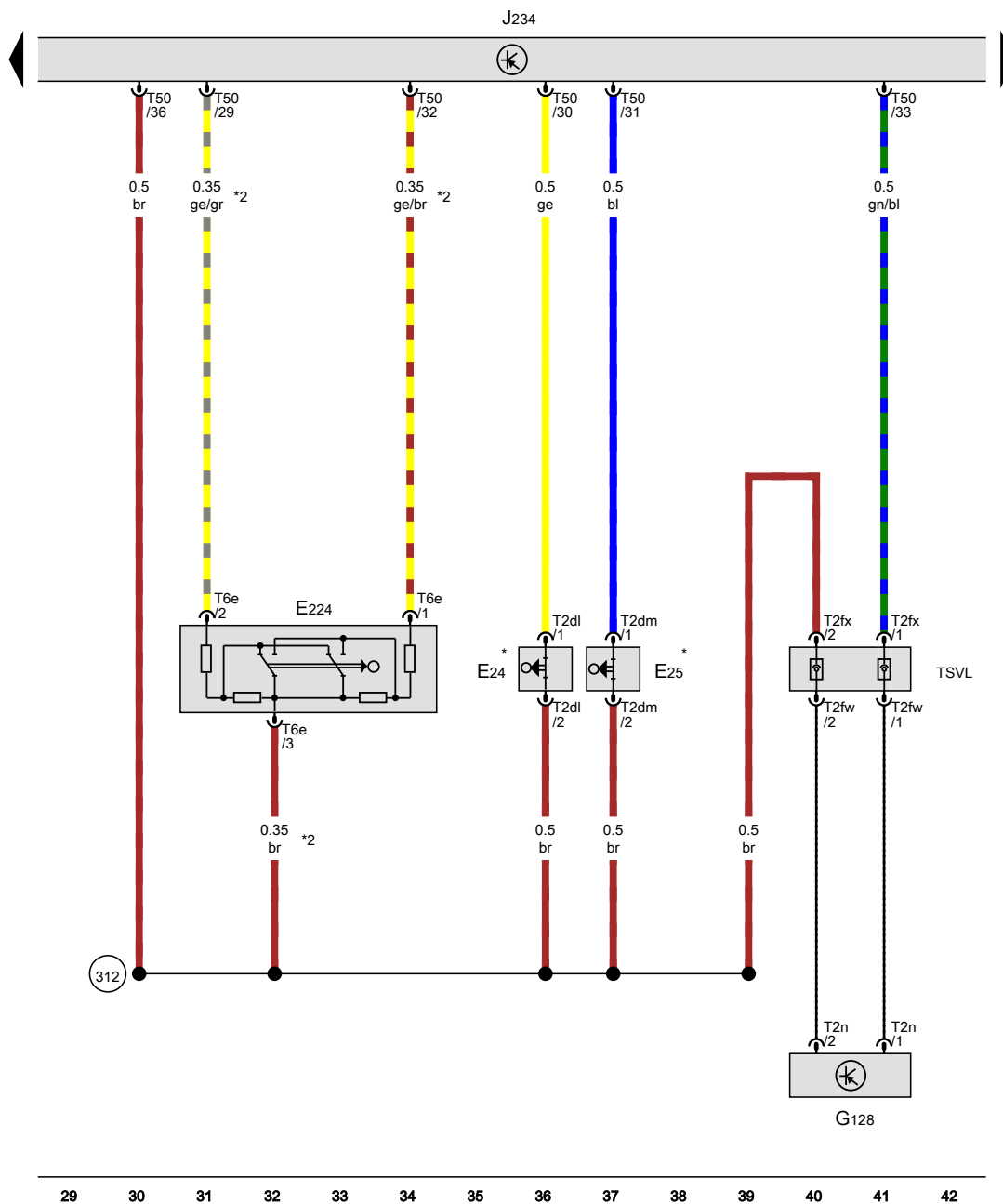
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
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Crash sensor for driver side airbag, Crash sensor for passenger side airbag, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G813 Crash sensor for driver side airbag
- G814 Crash sensor for passenger side airbag
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2c 2-pin connector
- T2d 2-pin connector
- T2f 2-pin connector
- T2l 2-pin connector
- T50 50-pin connector
- * Only models with curtain/head airbag
- *2 Only models with side airbags

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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Driver side belt switch, Front passenger side belt switch, Key operated switch to deactivate front passenger side airbag, Seat occupied sensor, front passenger side, Airbag control unit

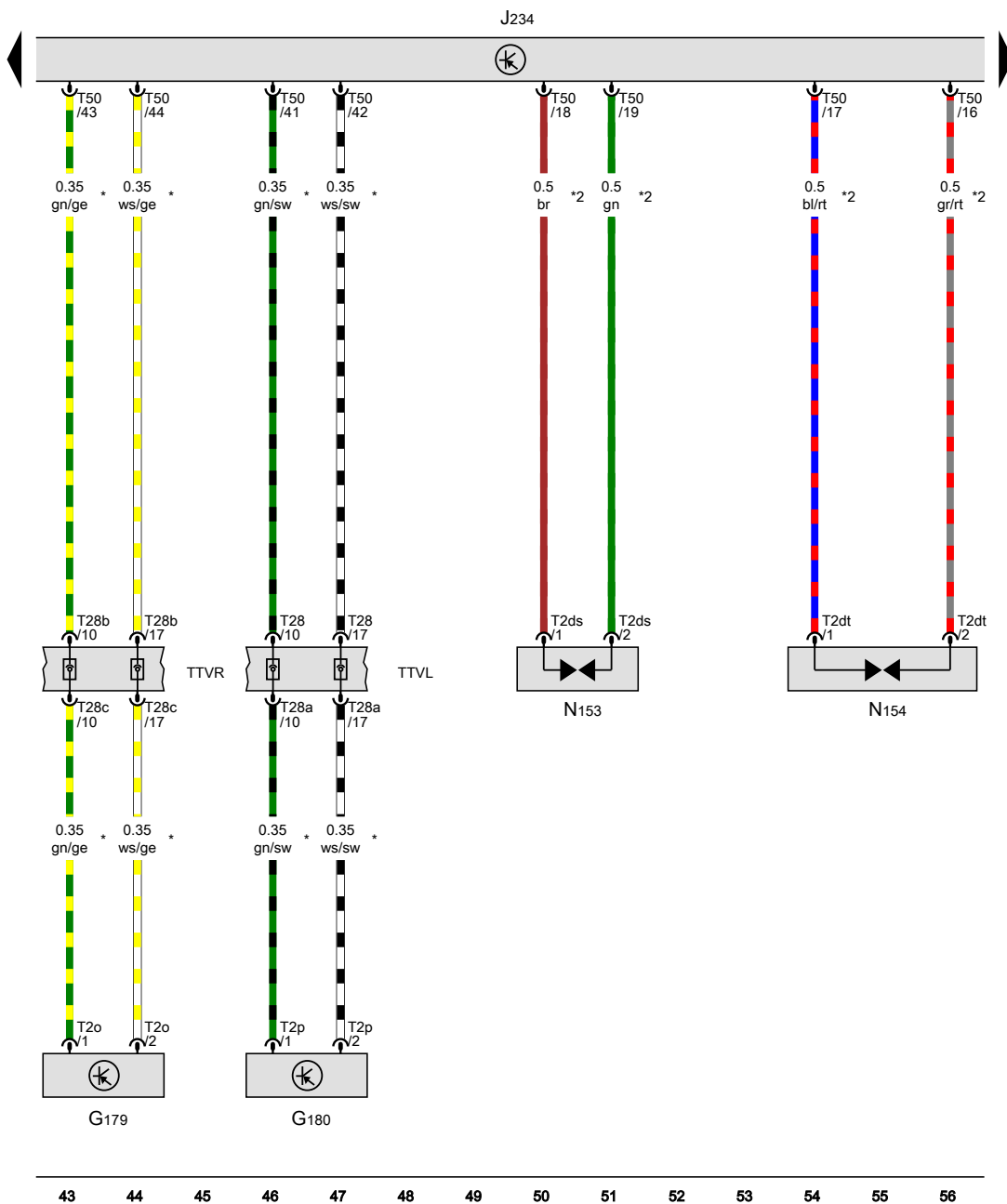
- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E224 Key operated switch to deactivate front passenger side airbag
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2fw 2-pin connector
- T2fx 2-pin connector
- T2n 2-pin connector
- T6e 6-pin connector
- T50 50-pin connector
- TSVL Coupling point for front left seat

312 Earth connection 2, in airbag wiring harness

- * Pre-wired component
- *2 Only models with key operated switch to deactivate front passenger airbag

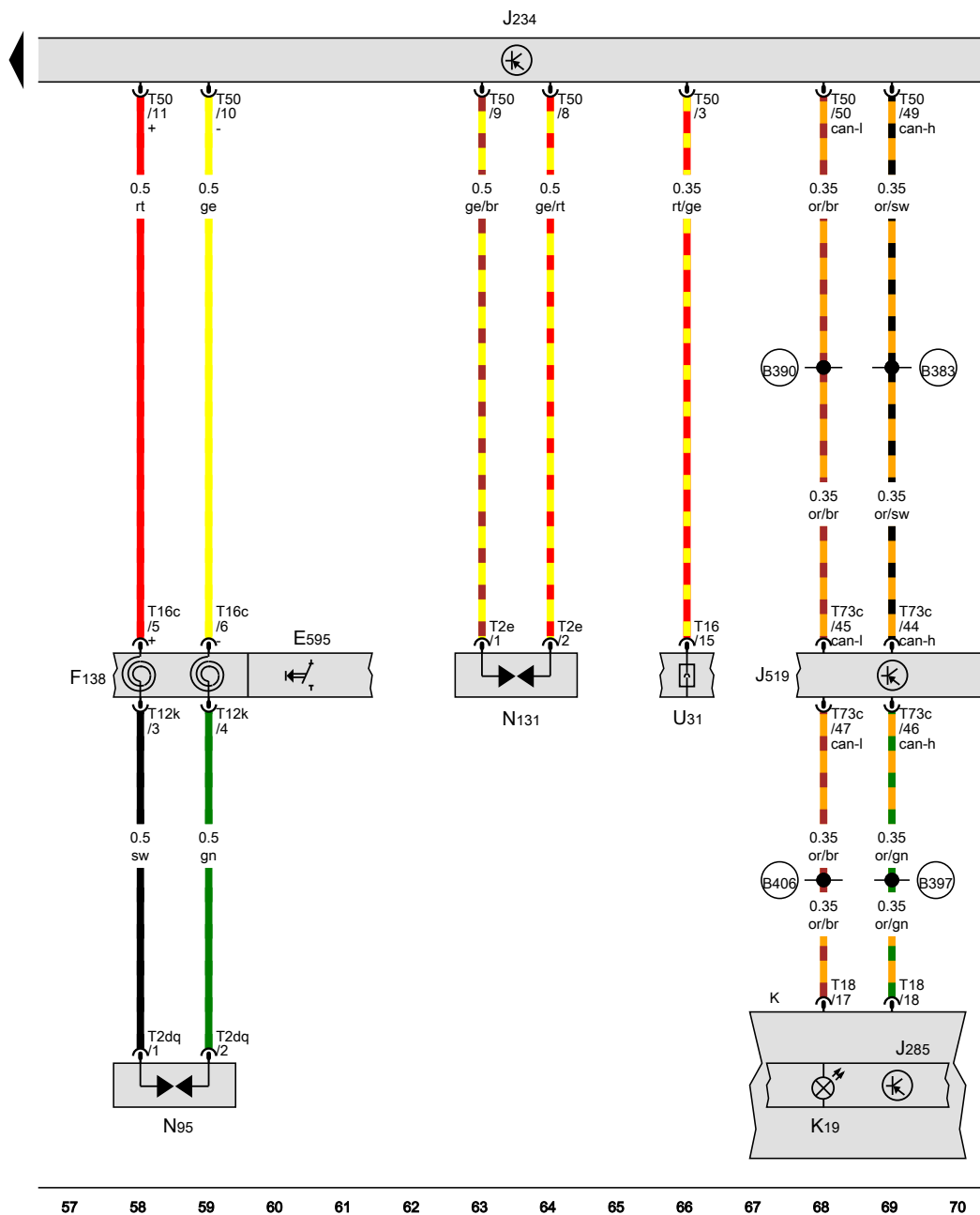
ws = white
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16C1-032040317



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

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2ds 2-pin connector
- T2dt 2-pin connector
- T2o 2-pin connector
- T2p 2-pin connector
- T28 28-pin connector, black
- T28a 28-pin connector, black
- T28b 28-pin connector
- T28c 28-pin connector
- T50 50-pin connector
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- * Only models with side airbags
- *2 For models with belt tensioners



Airbag control unit, Onboard supply control unit, Dash panel insert, Driver side airbag igniter, Front passenger side airbag igniter 1, Diagnostic connection

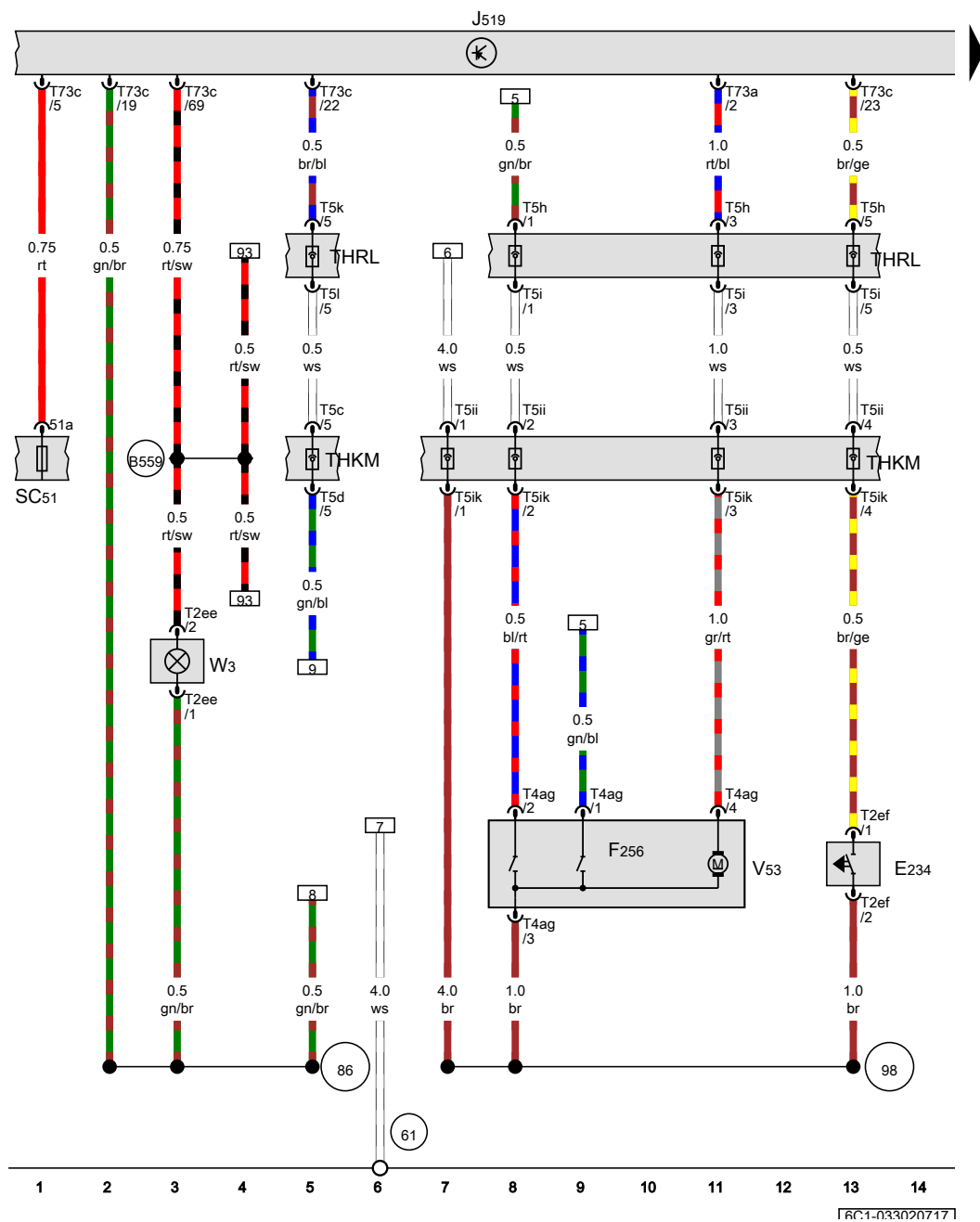
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- T2dq 2-pin connector
- T2e 2-pin connector
- T12k 12-pin connector
- T16 16-pin connector
- T16c 16-pin connector
- T18 18-pin connector
- T50 50-pin connector
- T73c 73-pin connector
- U31 Diagnostic connection
- 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

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 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
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16C1-032060317

Convenience system , (L0R)

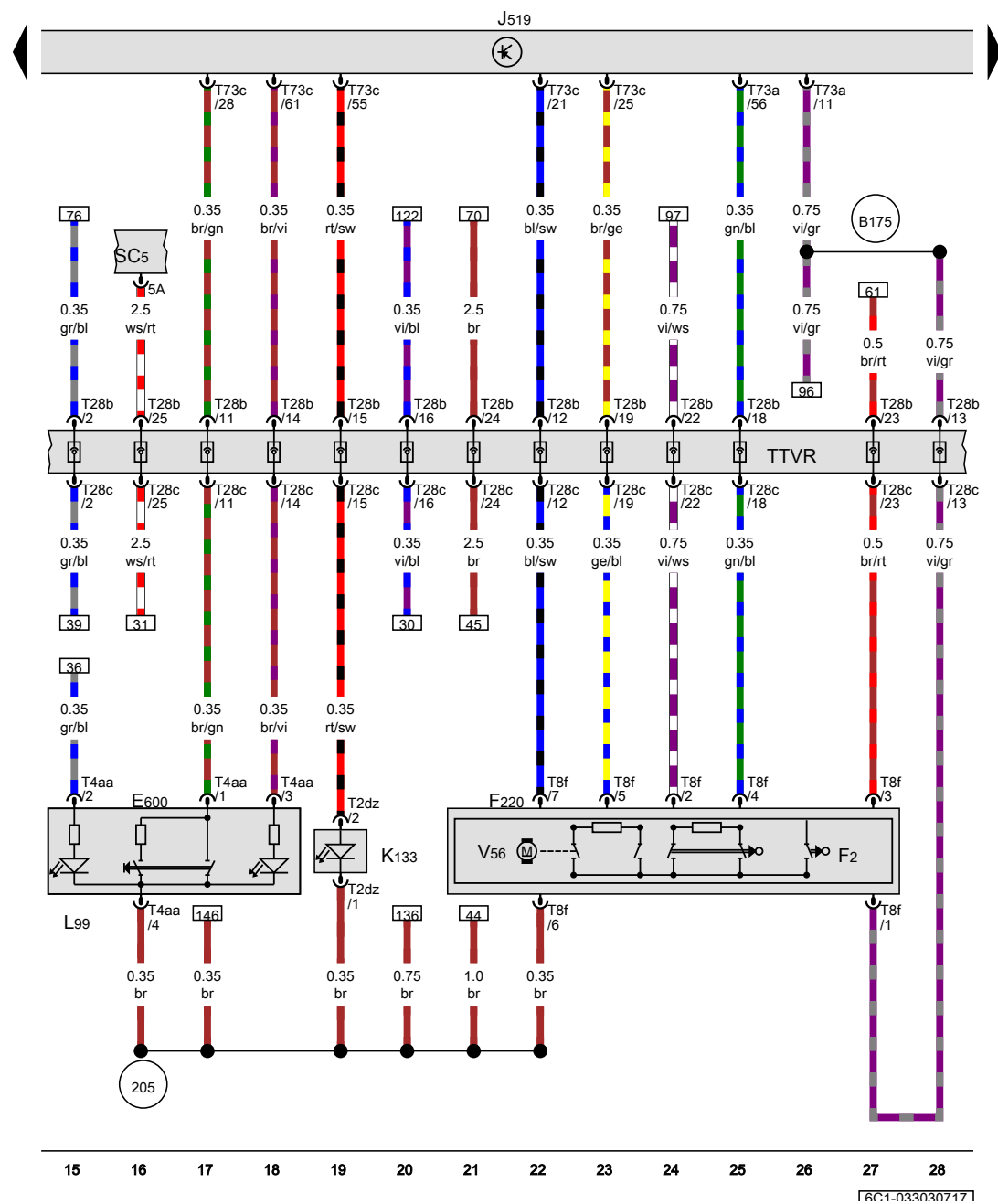
From April 2014



Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear lid central locking motor, Luggage compartment light

- E234 Rear lid handle release button
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- SC51 Fuse 51 on fuse holder C
- T2ee 2-pin connector
- T2ef 2-pin connector, black
- T4ag 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T5h 5-pin connector, black
- T5i 5-pin connector, black
- T5ii 5-pin connector, brown
- T5ik 5-pin connector, brown
- T5l 5-pin connector, brown
- T73a 73-pin connector
- T73c 73-pin connector, black
- THKM Coupling point on rear lid, centre
- THRL Coupling point in luggage compartment, left
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- 61 Earth point, left C-pillar
- 86 Earth connection 1, in rear wiring harness
- 98 Earth connection, in rear lid wiring harness
- B559 Positive connection 1 (30g), in main wiring harness

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

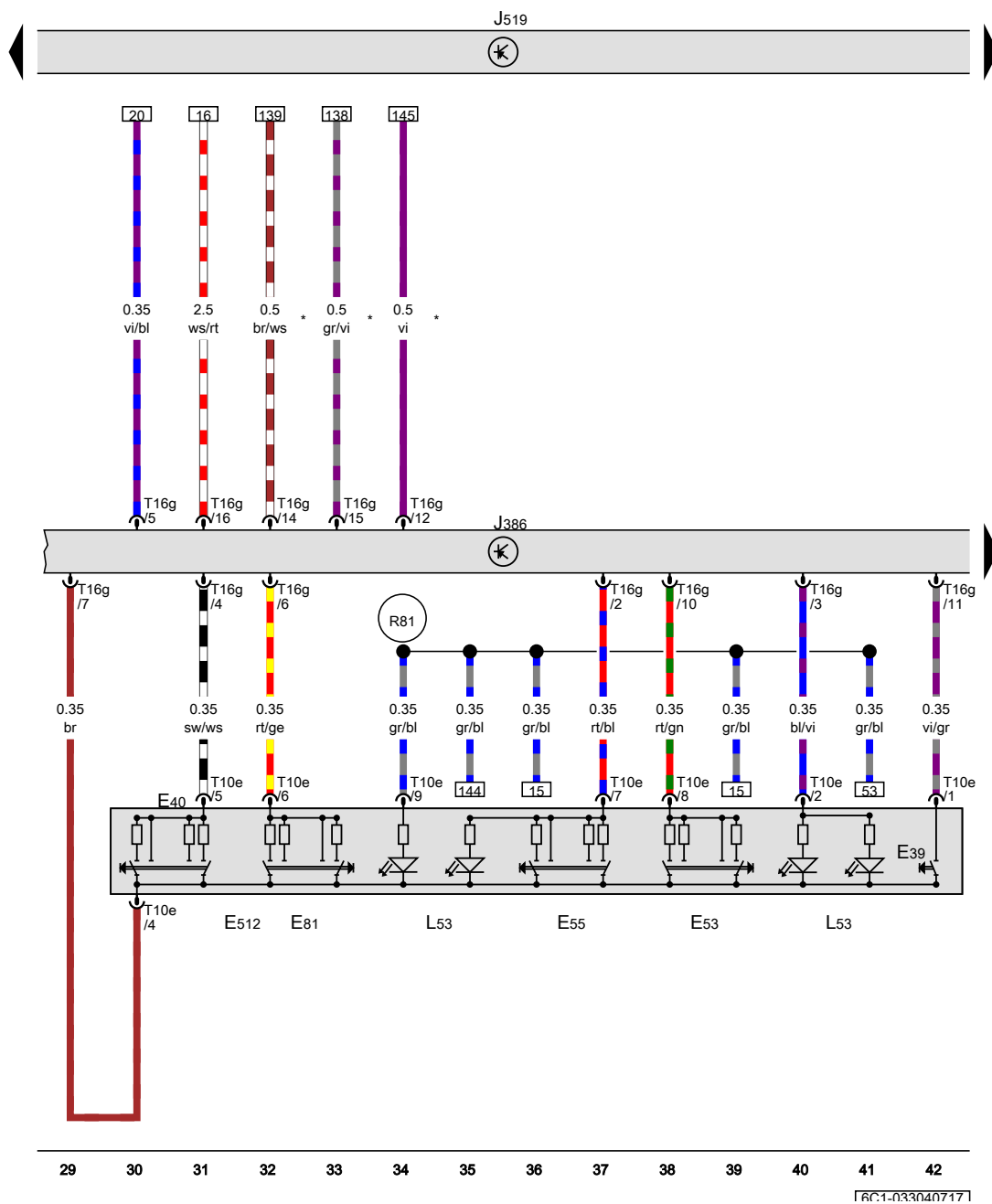


Central locking button, Driver side central locking lock unit, Onboard supply control unit, Central locking SAFELOCK function warning lamp

- E600 Central locking button
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J519 Onboard supply control unit
- K133 Central locking SAFELOCK function warning lamp
- L99 Interior lock switch illumination bulb
- SC5 Fuse 5 on fuse holder C
- T2dz 2-pin connector
- T4aa 4-pin connector
- T8f 8-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector, black
- TTVR Coupling point for front right door
- V56 Driver door central locking motor

- 205 Earth connection, in driver door wiring harness
- B175 Connection (central locking), in interior wiring harness

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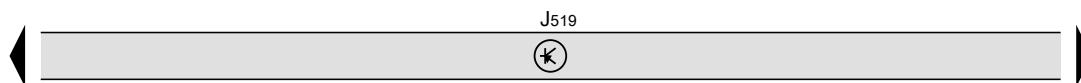


Operating unit for window regulator in driver door, Driver door control unit, Onboard supply control unit

- E39 Rear window regulator isolation switch
- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- T10e 10-pin connector
- T16g 16-pin connector

R81 Connection 1 (58d), in driver side door wiring harness

* According to equipment



Front left window regulator switch, Front right window regulator switch in driver door, Operating unit for window regulator in driver door, Driver door control unit, Onboard supply control unit, Driver side window regulator motor

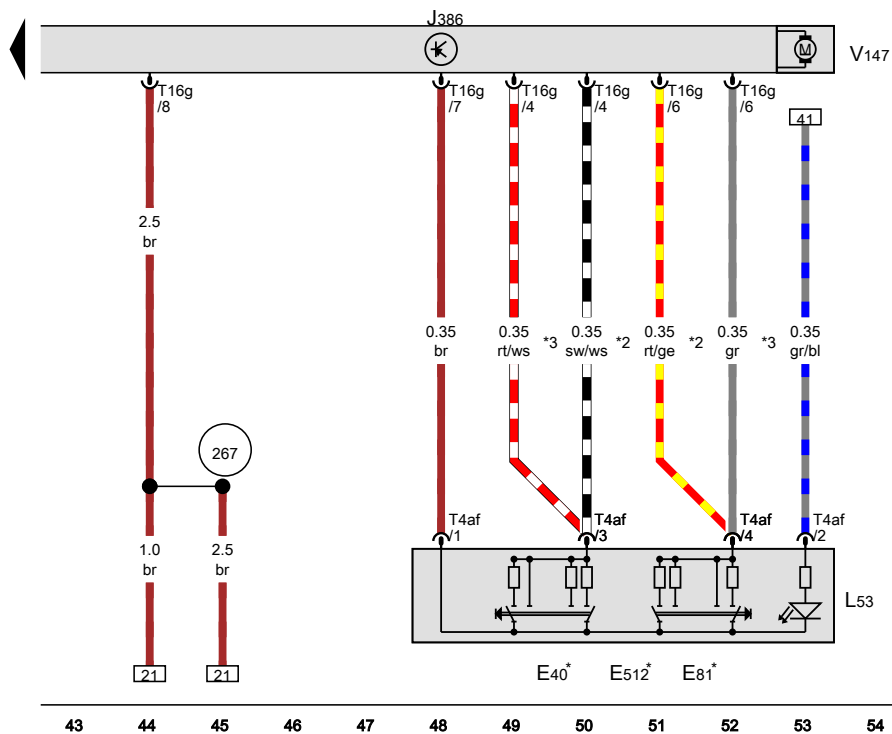
- E40 Front left window regulator switch
- E81 Front right window regulator switch in driver door
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- T4af 4-pin connector
- T16g 16-pin connector
- V147 Driver side window regulator motor

267 Earth connection 2, in drive side door wiring harness

* For models with central locking and manually operated rear windows

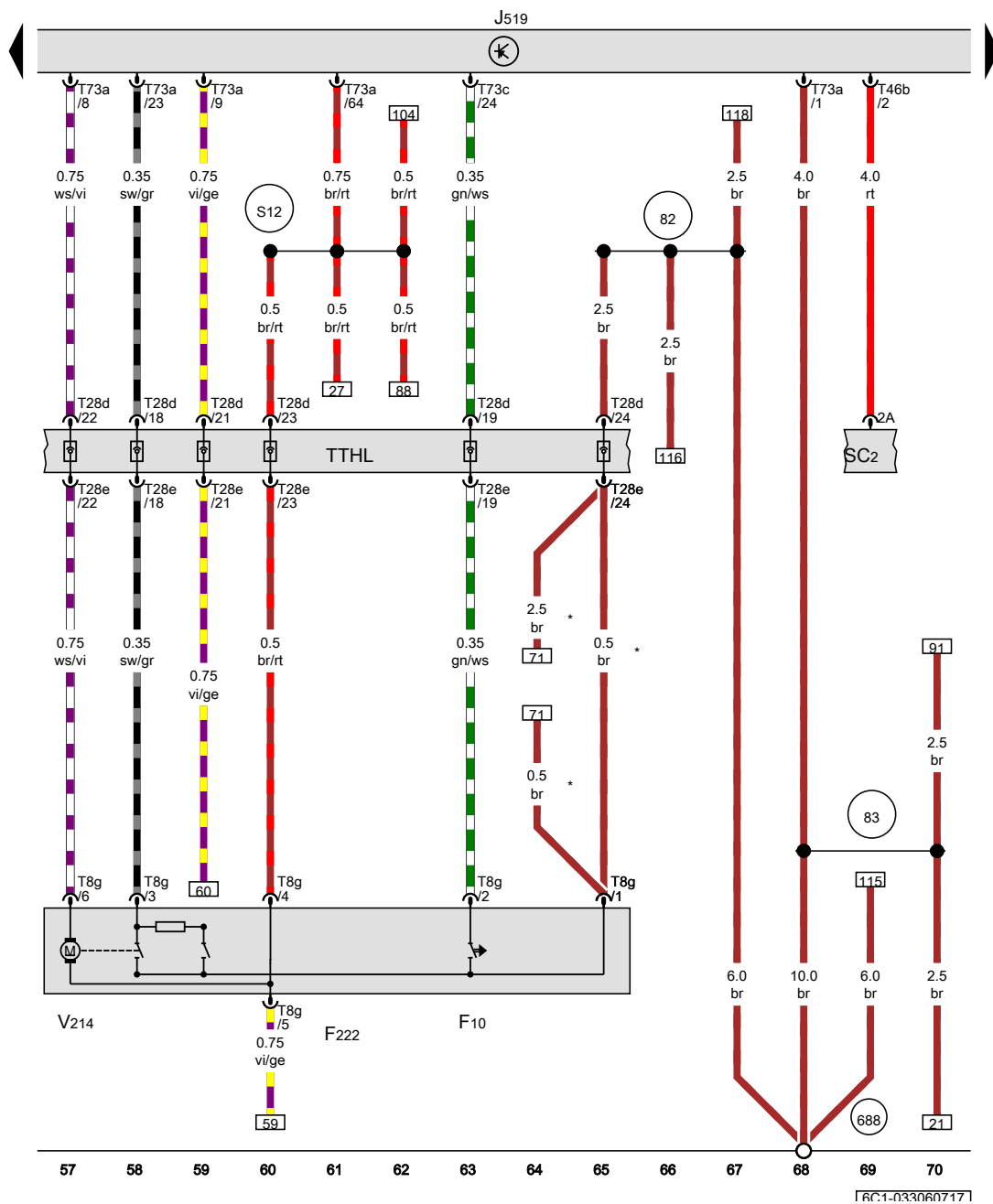
*2 For models with 4 doors

*3 For models with 2 doors



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- rs = pink

[6C1-033050717]

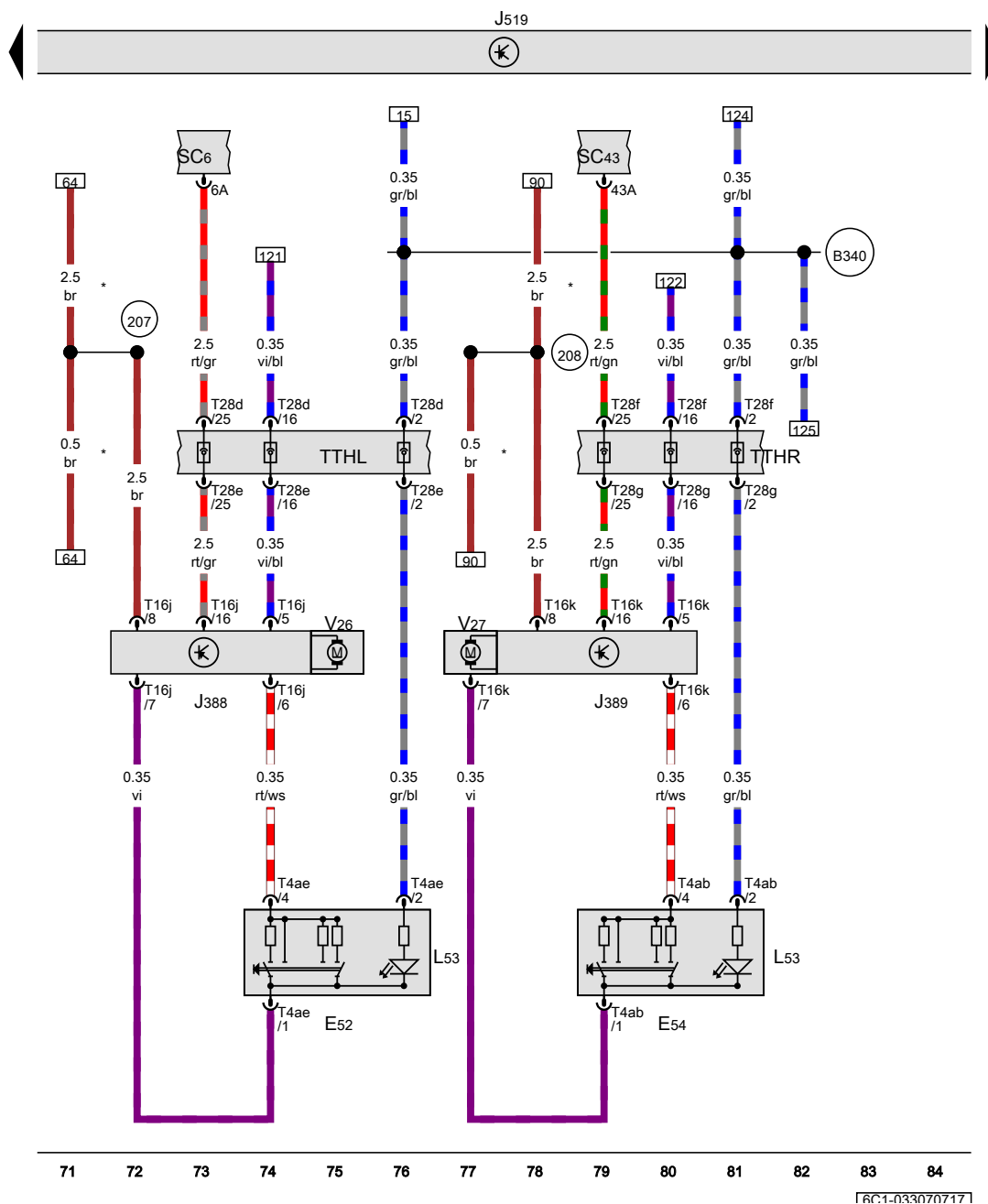


Rear left door contact switch, Rear left central locking lock unit, Onboard supply control unit, Rear left door central locking motor, lock

- F10 Rear left door contact switch
- F222 Rear left central locking lock unit
- J519 Onboard supply control unit
- SC2 Fuse 2 on fuse holder C
- T8g 8-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector, black
- TTHL Coupling point for rear left door
- V214 Rear left door central locking motor, lock

- 82 Earth connection 1, in front left wiring harness
- 83 Earth connection 1, in front right wiring harness
- 688 Earth point 2, on centre tunnel
- S12 Connection (SAFE 1), in central locking 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



Rear left window regulator switch, in door, Rear right window regulator switch, in door, Rear left door control unit, Rear right door control unit, Onboard supply control unit, Rear left window regulator motor, Rear right window regulator motor

- E52 Rear left window regulator switch, in door
- E54 Rear right window regulator switch, in door
- J388 Rear left door control unit
- J389 Rear right door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- SC6 Fuse 6 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T4ab 4-pin connector
- T4ae 4-pin connector
- T16j 16-pin connector
- T16k 16-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- V26 Rear left window regulator motor
- V27 Rear right window regulator motor

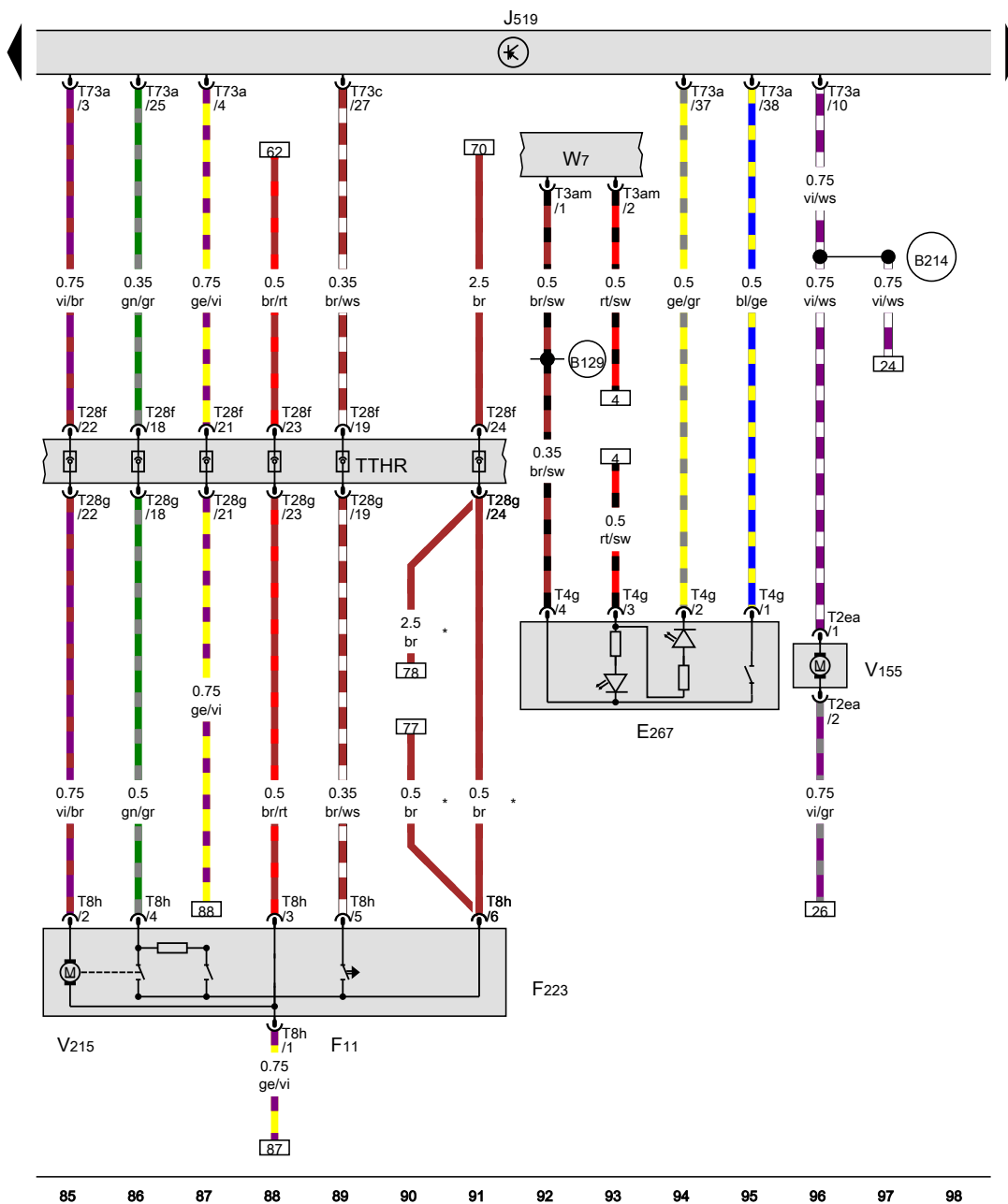
207 Earth connection, in rear left door wiring harness

208 Earth connection, in rear right door wiring harness

B340 Connection 1 (58d), 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



Interior monitoring deactivation switch, Rear right door contact switch, Rear right central locking lock unit, Onboard supply control unit, Tank filler flap locking motor, Rear right door central locking motor, lock, Centre interior light

- E267 Interior monitoring deactivation switch
- F11 Rear right door contact switch
- F223 Rear right central locking lock unit
- J519 Onboard supply control unit
- T2ea 2-pin connector
- T3am 3-pin connector
- T4g 4-pin connector
- T8h 8-pin connector
- T28f 28-pin connector
- T28g 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector, black
- TTHR Coupling point for rear right door
- V155 Tank filler flap locking motor
- V215 Rear right door central locking motor, lock
- W7 Centre interior light

B129 Connection (interior light, 31I), in interior wiring harness

B214 Connection 1 (central locking), in interior wiring harness

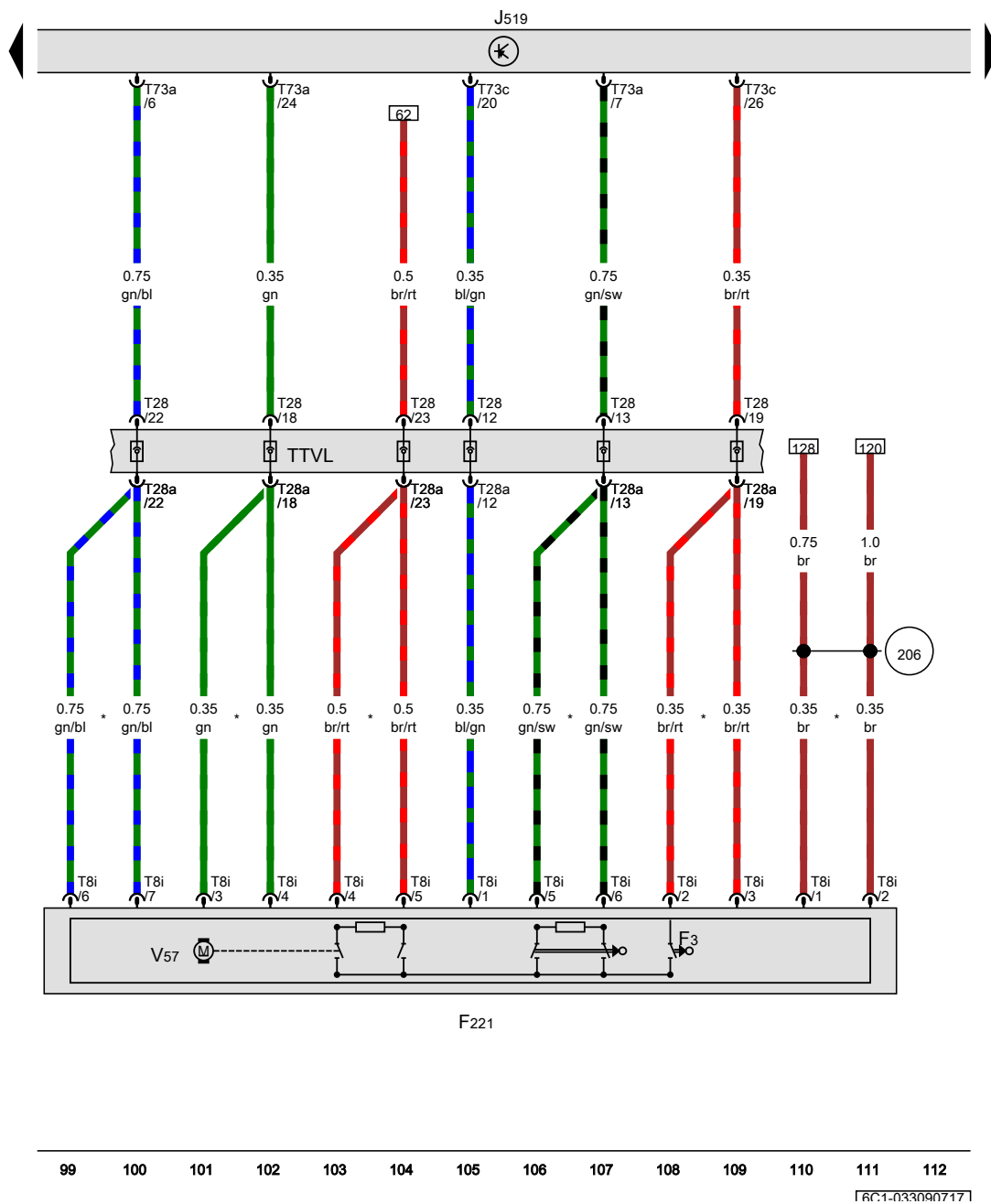
* According to equipment

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

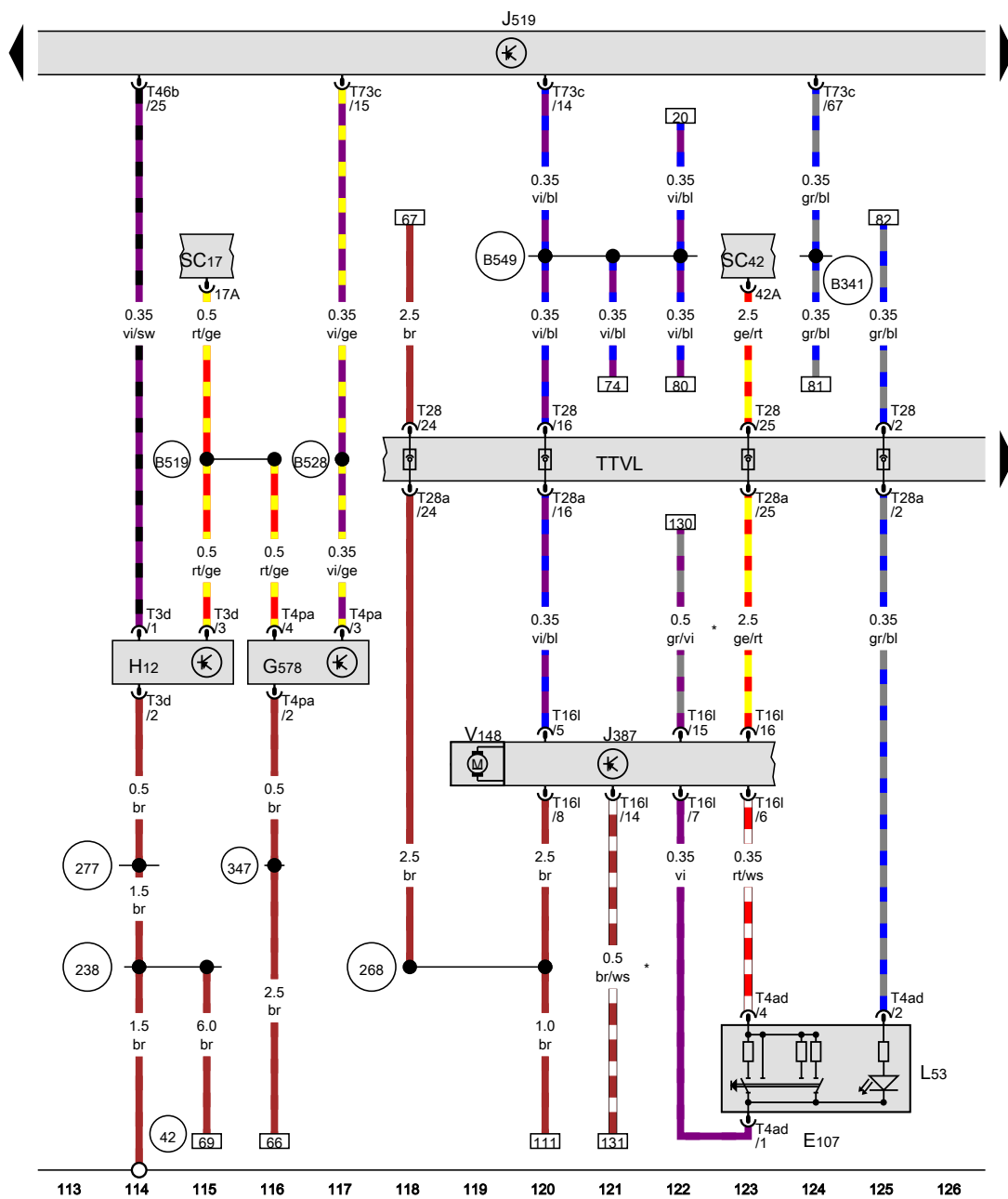
- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J519 Onboard supply control unit
- T8i 8-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector, black
- TTVL Coupling point for front left door
- V57 Front passenger door central locking motor

206 Earth connection, in front passenger door wiring harness

* For models with remote control



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



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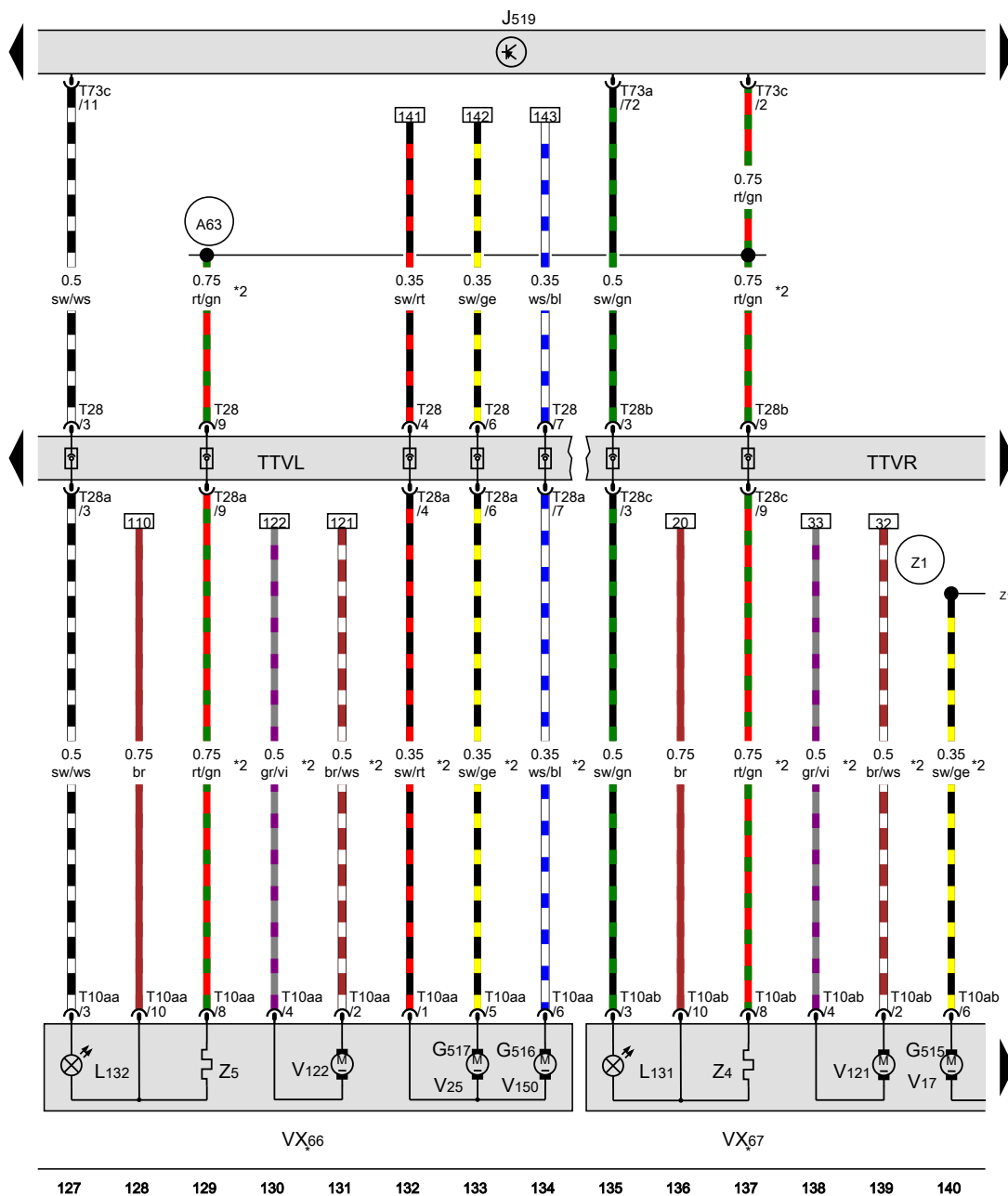
Window regulator switch in front passenger door, Anti-theft alarm sensor, Alarm horn, Front passenger door control unit, Onboard supply control unit, Front passenger side window regulator motor

- E107 Window regulator switch in front passenger door
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L53 Window regulator switch illumination bulb
- SC17 Fuse 17 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T3d 3-pin connector
- T4ad 4-pin connector
- T4pa 4-pin connector
- T16l 16-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T46b 46-pin connector
- T73c 73-pin connector, black
- TTVL Coupling point for front left door
- V148 Front passenger side window regulator motor

- 42 Earth point, next to steering column
- 238 Earth connection 1, in interior wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- 277 Earth connection 3, in interior wiring harness
- 347 Earth connection, in roof wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B519 Connection (30a, CL/ATA/IR), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B549 Connection 2 (LIN bus) 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

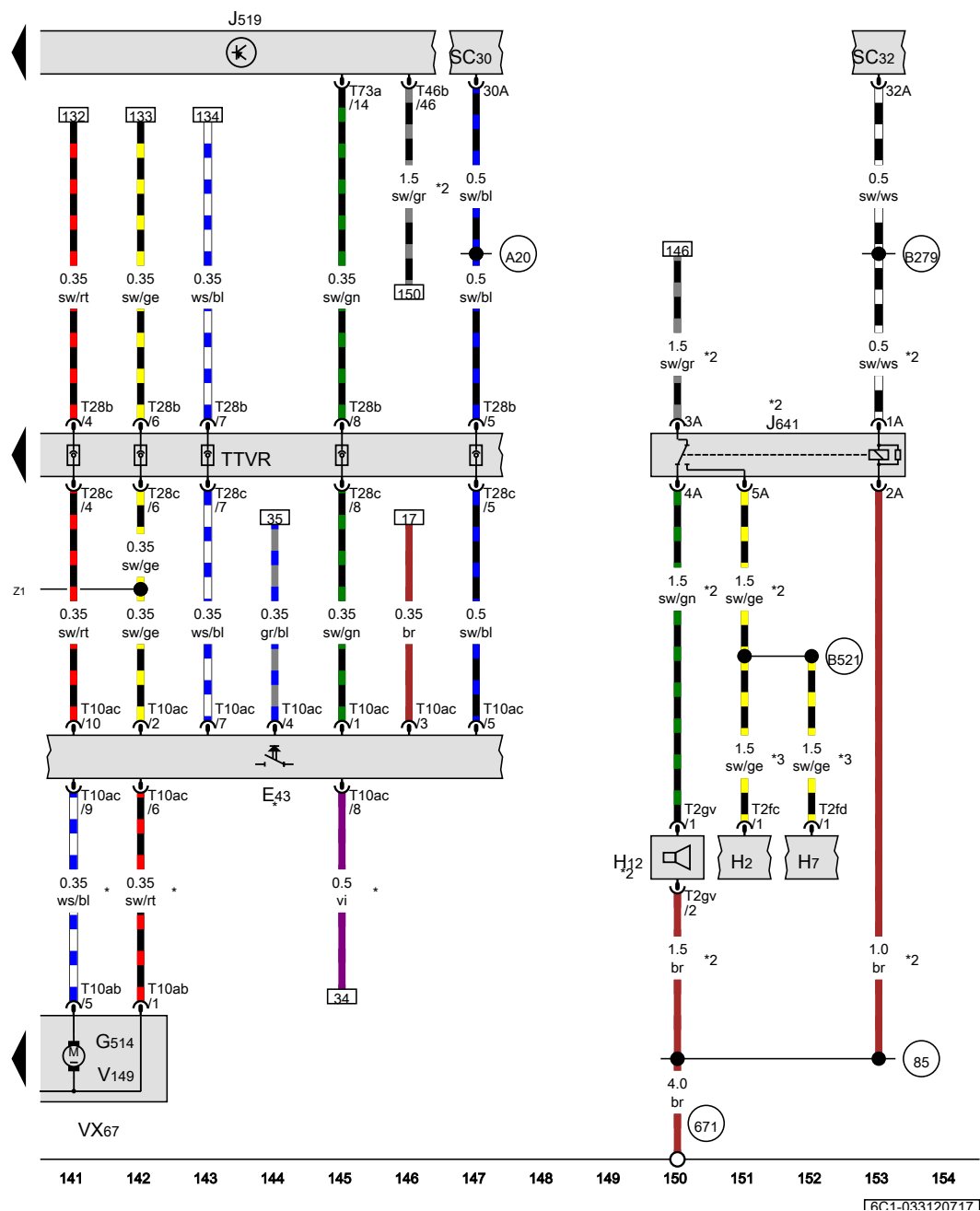
Onboard supply control unit, Left exterior mirror, Right exterior mirror



- G515 Potentiometer for vertical adjustment of driver side mirror
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T10aa 10-pin connector
- T10ab 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- T73c 73-pin connector, black
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- V17 Driver side mirror adjustment motor 2
- V25 Front passenger side mirror adjustment motor 2
- VX66 Left exterior mirror
- VX67 Right exterior mirror
- V121 Driver side fold-in mirror motor
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- Z5 Heated exterior mirror on passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness
- * Pre-wired component
- *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

Onboard supply control unit, Alarm horn relay, Right exterior mirror



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

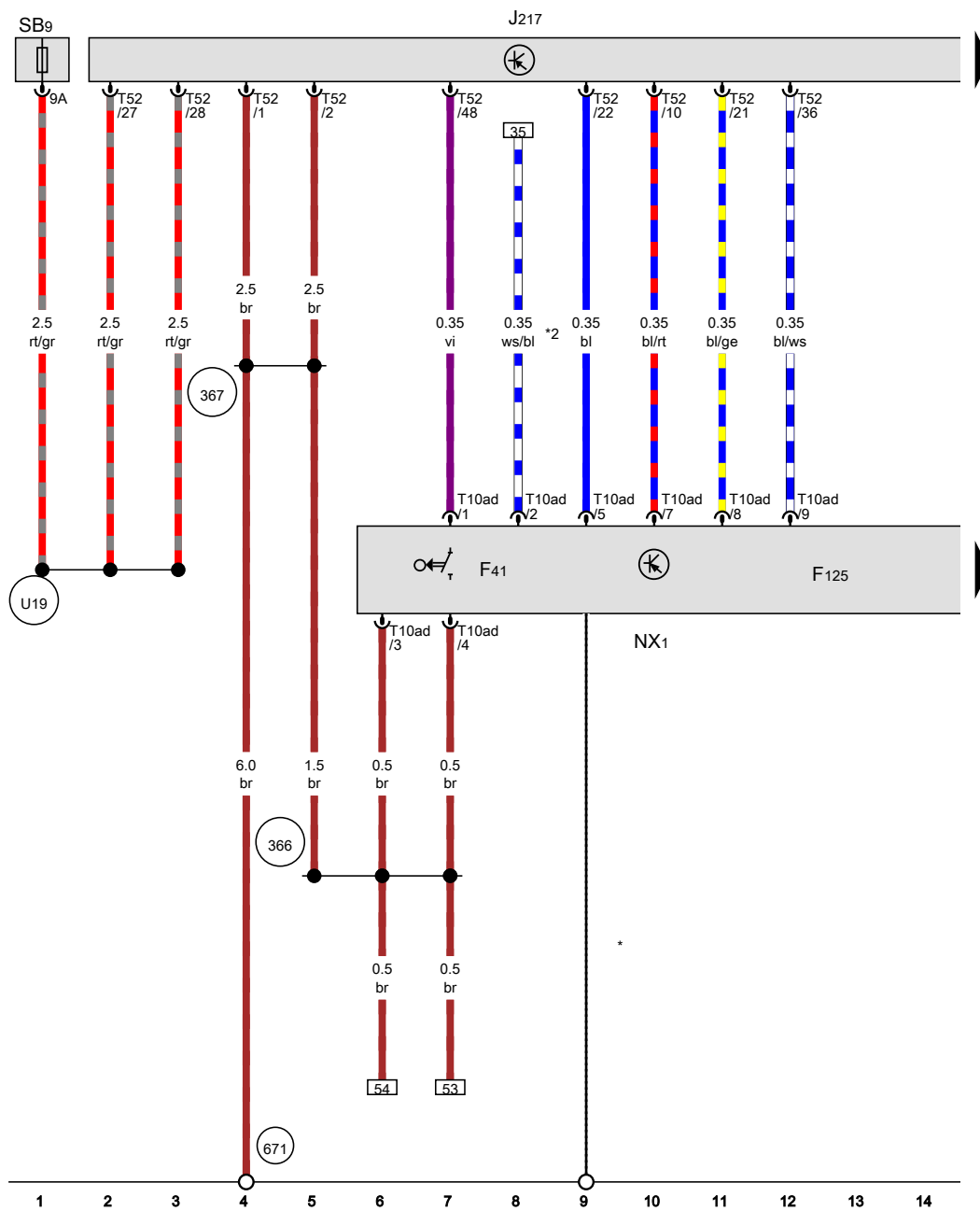
- E43 Mirror adjustment switch
- G514 Potentiometer for horizontal adjustment of driver side mirror
- H2 Treble horn
- H7 Bass horn
- H12 Alarm horn
- J519 Onboard supply control unit
- J641 Alarm horn relay
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2fc 2-pin connector
- T2fd 2-pin connector
- T2gv 2-pin connector
- T10ab 10-pin connector
- T10ac 10-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- TTVR Coupling point for front right door
- VX67 Right exterior mirror
- V149 Driver side mirror adjustment motor

- 85 Earth connection 1, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- A20 Positive connection (15a), in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B521 Connection (dual tone horn), in main wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness

- * According to equipment
- *2 For South Africa
- *3 see applicable current flow diagram for basic equipment

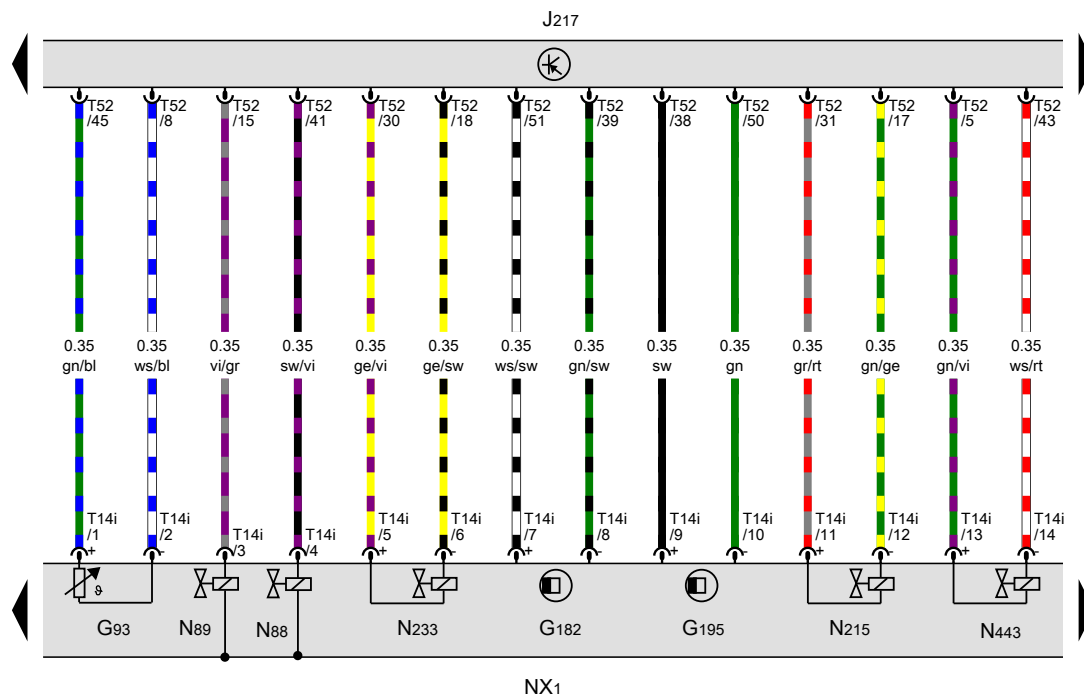
6-speed automatic gearbox , (01D)

From November 2014



Multifunction switch, Automatic gearbox control unit, Gearbox

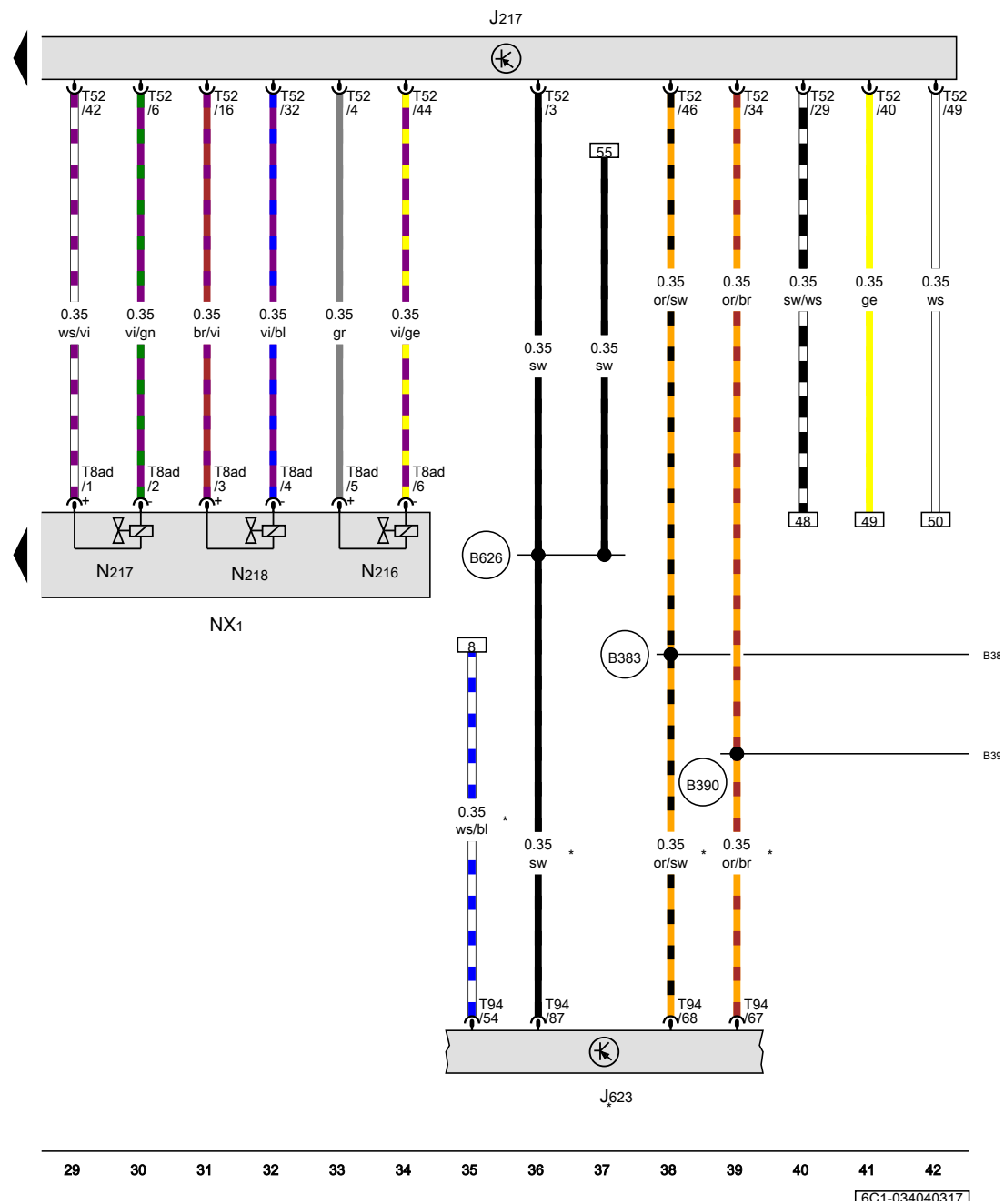
- F41 Reversing switch
- F125 Multifunction switch
- J217 Automatic gearbox control unit
- NX1 Gearbox
- SB9 Fuse 9 on fuse holder B
- T10ad 10-pin connector, black
- T52 52-pin connector, black
- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- U19 Positive connection 2 (30a) in automatic gearbox wiring harness
- * Earth supply via housing
- *2 see applicable current flow diagram for engine



Gearbox oil temperature sender, Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Gearbox, Solenoid valve 2, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 7

- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N215 Automatic gearbox pressure regulating valve 1
- N233 Automatic gearbox pressure regulating valve 5
- N443 Automatic gearbox pressure regulating valve 7
- T14i 14-pin connector, black
- T52 52-pin connector, black

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



Automatic gearbox control unit, Engine control unit, Gearbox, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 4

J217 Automatic gearbox control unit

J623 Engine control unit

NX1 Gearbox

N216 Automatic gearbox pressure regulating valve 2

N217 Automatic gearbox pressure regulating valve 3

N218 Automatic gearbox pressure regulating valve 4

T8ad 8-pin connector, black

T52 52-pin connector, black

T94 94-pin connector, black

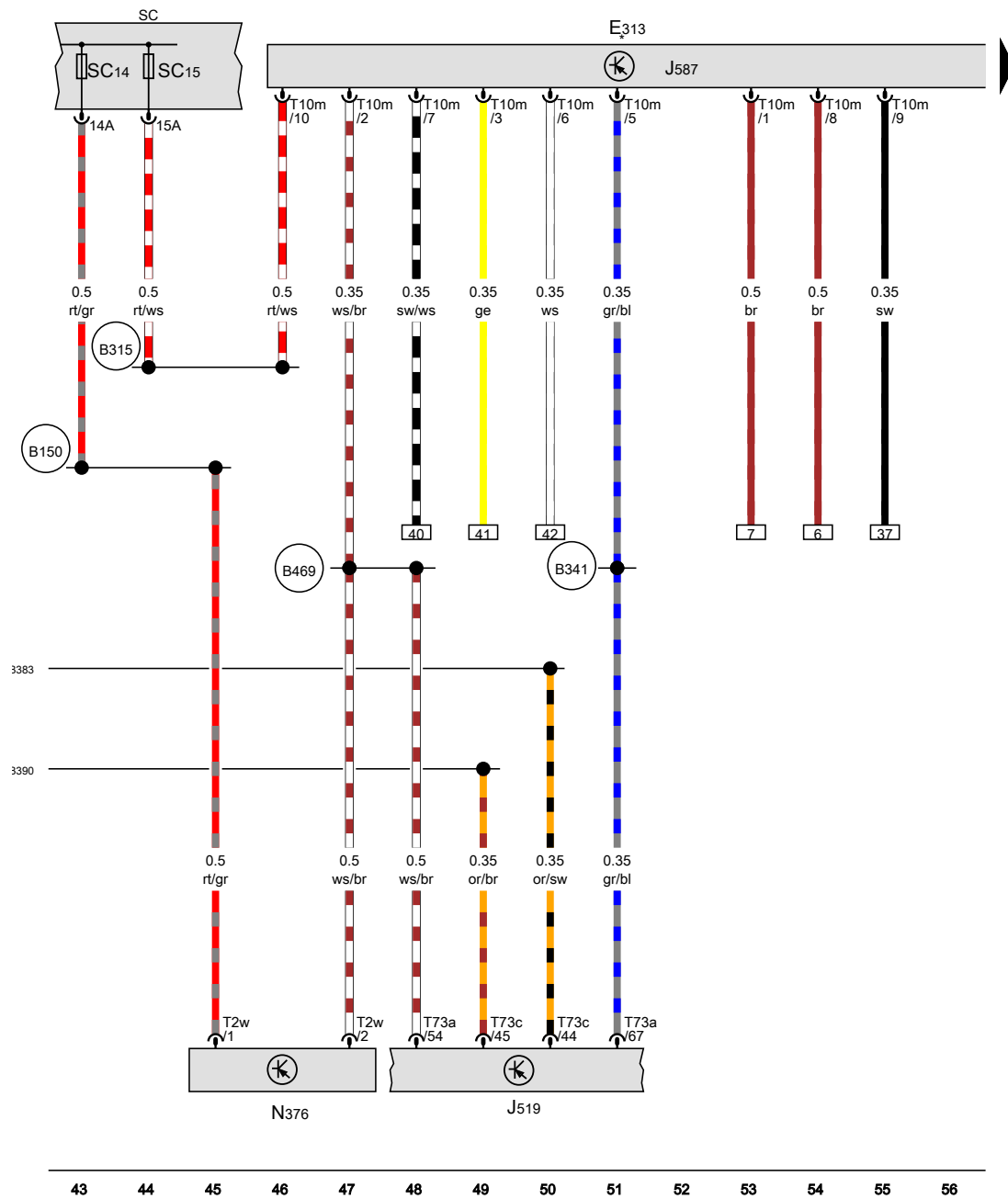
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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

B626 Positive connection 2 (15), in main wiring harness

* see applicable current flow diagram for engine

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

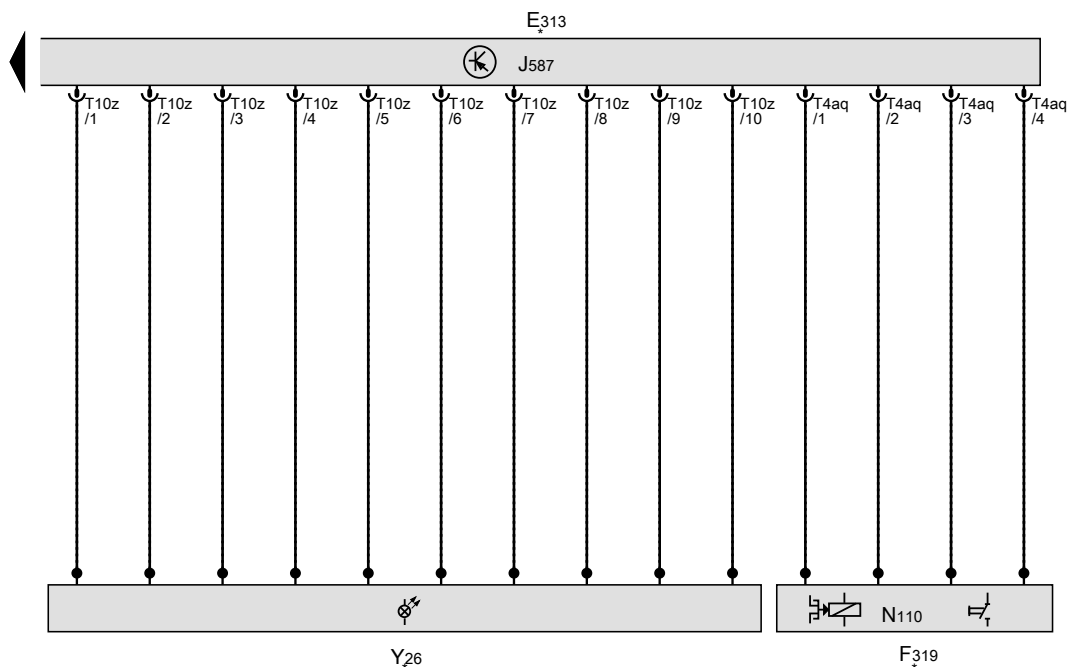


Selector lever, Onboard supply control unit, Ignition key withdrawal lock solenoid, Fuse holder C

- E313 Selector lever
- J519 Onboard supply control unit
- J587 Selector lever sensors control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- T2w 2-pin connector, black
- T10m 10-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- B150 Positive connection 2 (30a), in interior wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B341 Connection 2 (58d), 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
- B469 Connection 5, in main wiring harness
- * Pre-wired component

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

16C1-034050317



Selector lever, Selector lever locked in position P switch, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J587 Selector lever sensors control unit
- N110 Selector lever lock solenoid
- T4aq 4-pin connector, black
- T10z 10-pin connector, black
- Y26 Selector lever position display
- * Pre-wired component

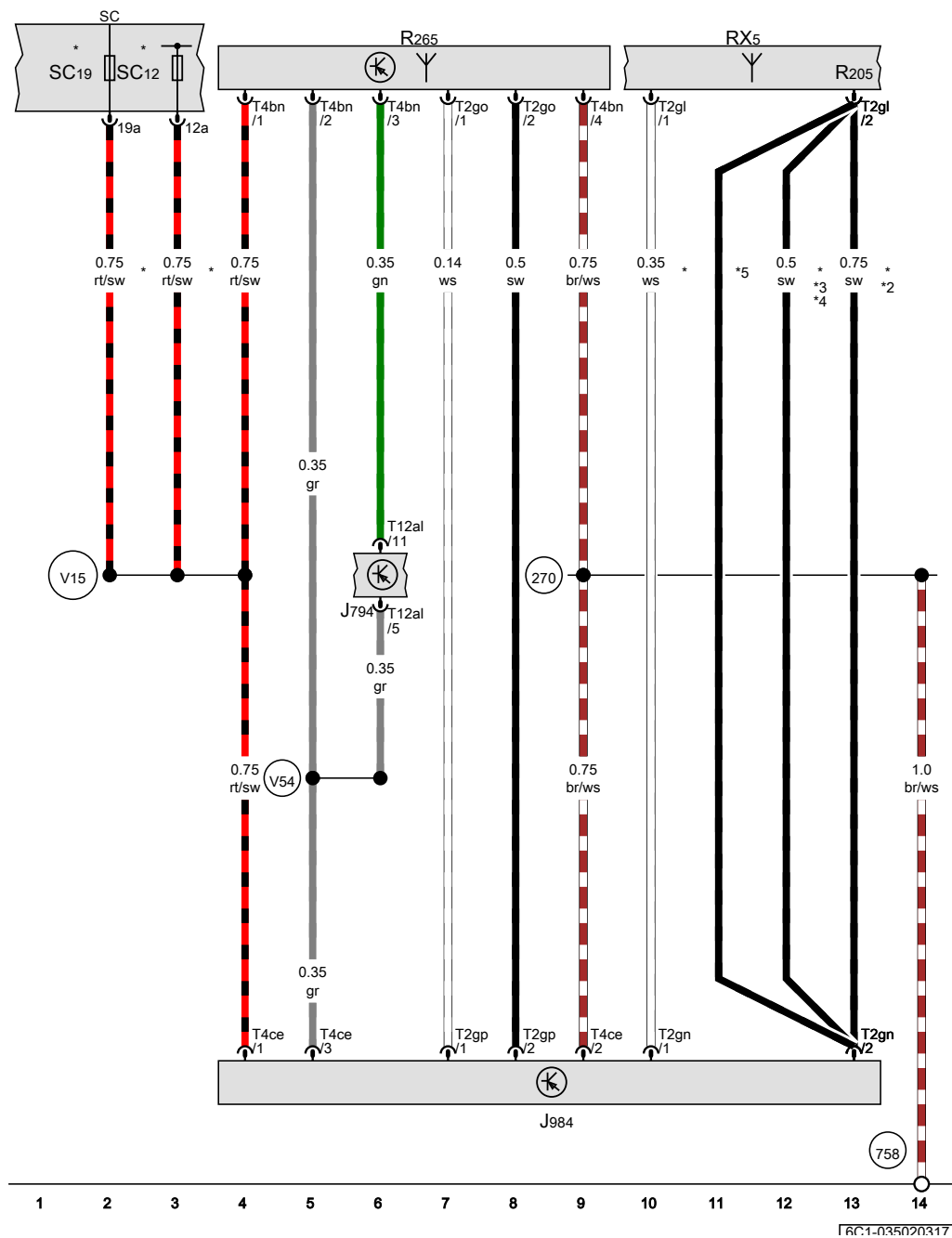
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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

[6C:1-034060317]

Preparation for mobile telephone , (9ZX),(9IE),(9IF),(9ZE)

From November 2014



Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, GSM aerial, Storage compartment with interface for mobile telephone, Fuse holder C

- J794 Control unit 1 for information electronics
- J984 Two-way signal amplifier for mobile telephone/data services
- RX5 Roof aerial
- R205 GSM aerial
- R265 Storage compartment with interface for mobile telephone
- SC Fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- T2gl 2-pin connector, purple
- T2gn 2-pin connector, purple
- T2go 2-pin connector, purple
- T2gp 2-pin connector, black
- T4bn 4-pin connector, brown
- T4ce 4-pin connector, black
- T12al 12-pin connector, grey

270 Earth connection, in telephone wiring harness

758 Earth point 3, on centre tunnel

V15 Connection, in telephone wiring harness

V54 Connection 1 (telephone), in main wiring harness

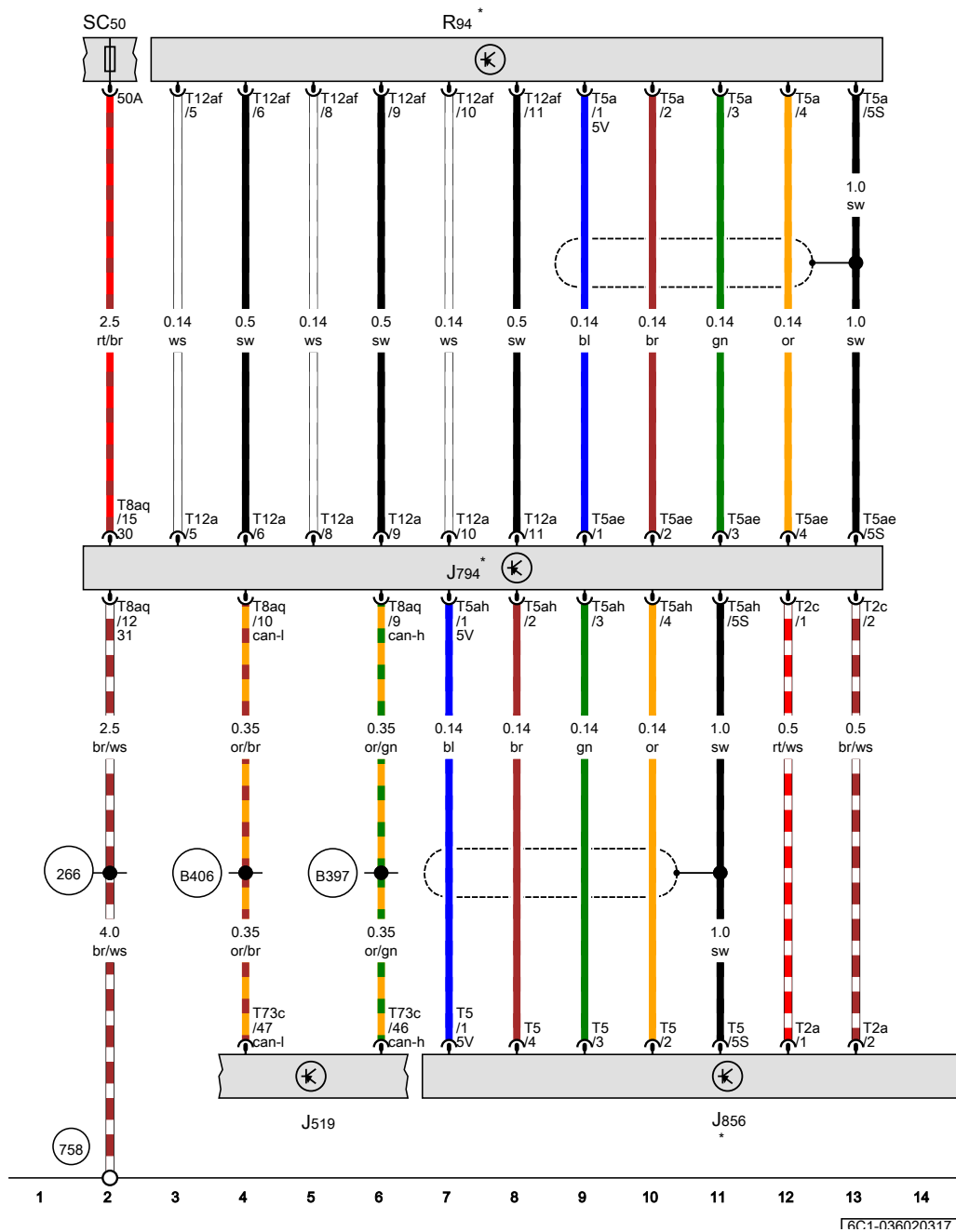
- * According to equipment
- *2 Up to May 2016
- *3 From May 2016
- *4 Up to November 2016
- *5 From November 2016

- 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

Preparation for radio navigation system , (7UN)

From November 2014

Onboard supply control unit, Control unit 1 for information electronics, Control unit for navigation system, Navigation system interface

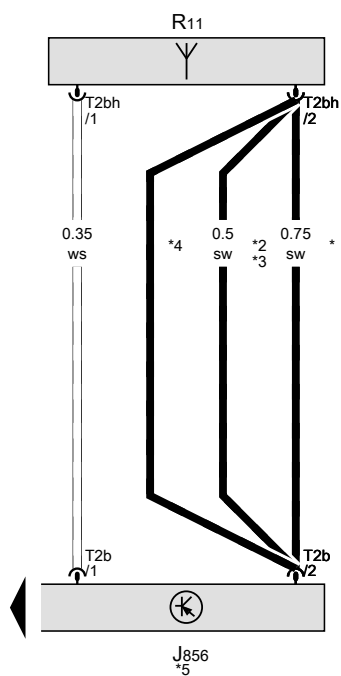


- J519 Onboard supply control unit
- J794 Control unit 1 for information electronics
- J856 Control unit for navigation system
- R94 Navigation system interface
- SC50 Fuse 50 on fuse holder C
- T2a 2-pin connector, black
- T2c 2-pin connector, black
- T5 5-pin connector, black
- T5a 5-pin connector, black
- T5ae 5-pin connector, black
- T5ah 5-pin connector, black
- T8aq 8-pin connector, black
- T12a 12-pin connector, black
- T12af 12-pin connector, black
- T73c 73-pin connector, black

- 266 Earth connection, in navigation wiring harness
- 758 Earth point 3, on centre tunnel
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * Not included in preparation for system/component

Control unit for navigation system, Aerial

- J856 Control unit for navigation system
 R11 Aerial
 T2b 2-pin connector, black
 T2bh 2-pin connector
 * Up to May 2016
 *2 From May 2016
 *3 Up to November 2016
 *4 From November 2016
 *5 Not included in preparation for system/component

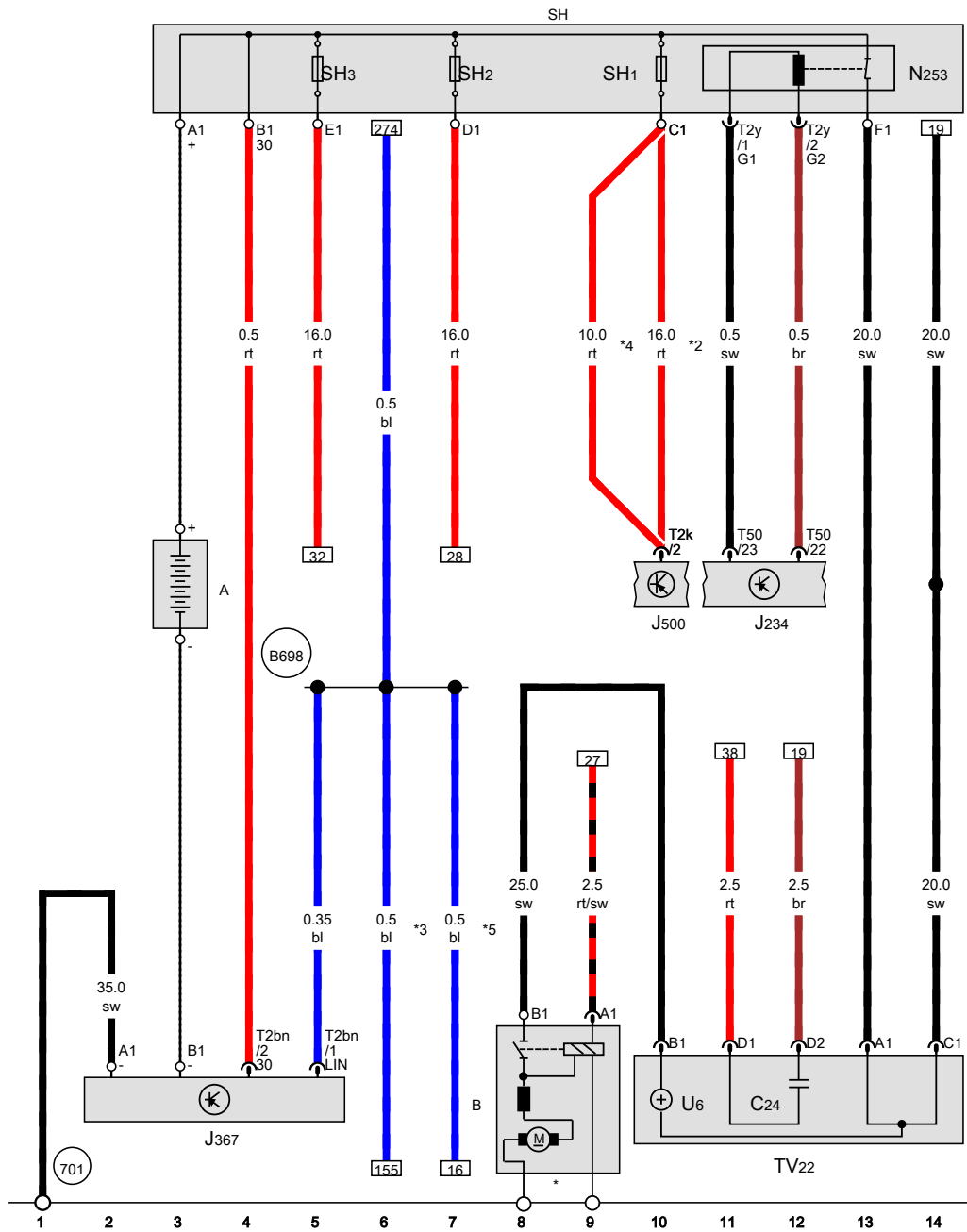


- ws = white
 sw = black
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 br = brown
 gn = green
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1.8l petrol engine , DAJA,DAJB

From November 2014

Battery, Starter, Airbag control unit, Battery isolation igniter, Fuse holder H



- A Battery
- B Starter
- C24 Suppression filter
- J234 Airbag control unit
- J367 Battery monitor control unit
- J500 Power steering control unit
- N253 Battery isolation igniter
- SH Fuse holder H
- SH1 Fuse 1 in fuse holder H
- SH2 Fuse 2 in fuse holder H
- SH3 Fuse 3 in fuse holder H
- T2bn 2-pin connector, black
- T2k 2-pin connector, black
- T2y 2-pin connector, purple
- TV22 Terminal 30 wiring junction 2
- T50 50-pin connector, black
- U6 Jump start socket

701 Earth point in luggage compartment

B698 Connection 3 (LIN bus) in main wiring harness

- * Earth supply via housing
- *2 Up to May 2016
- *3 Only models with manual gearbox
- *4 From May 2016
- *5 Only models with no manual gearbox

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

16C1-0370203171

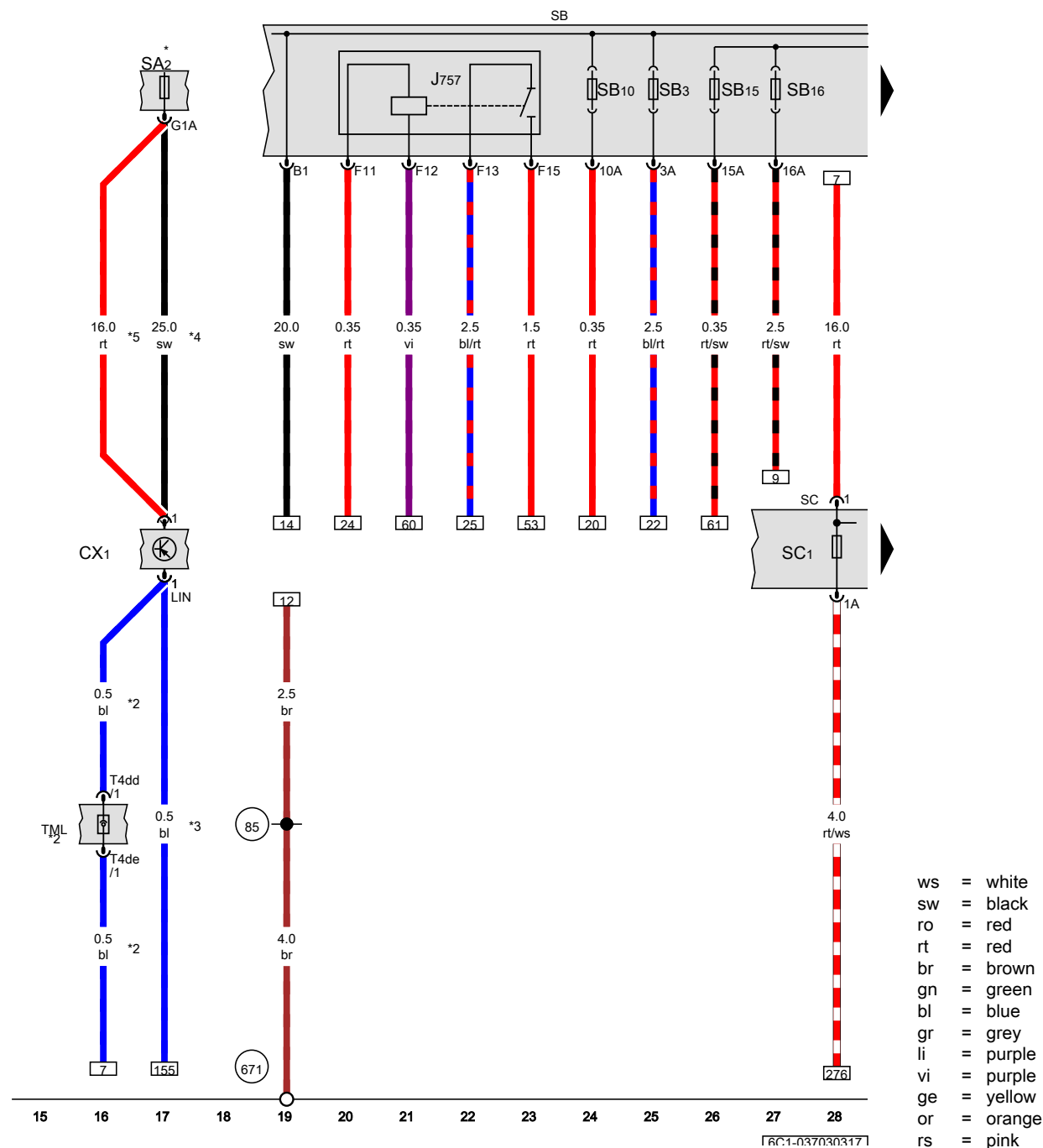
Engine component current supply relay, Fuse holder B

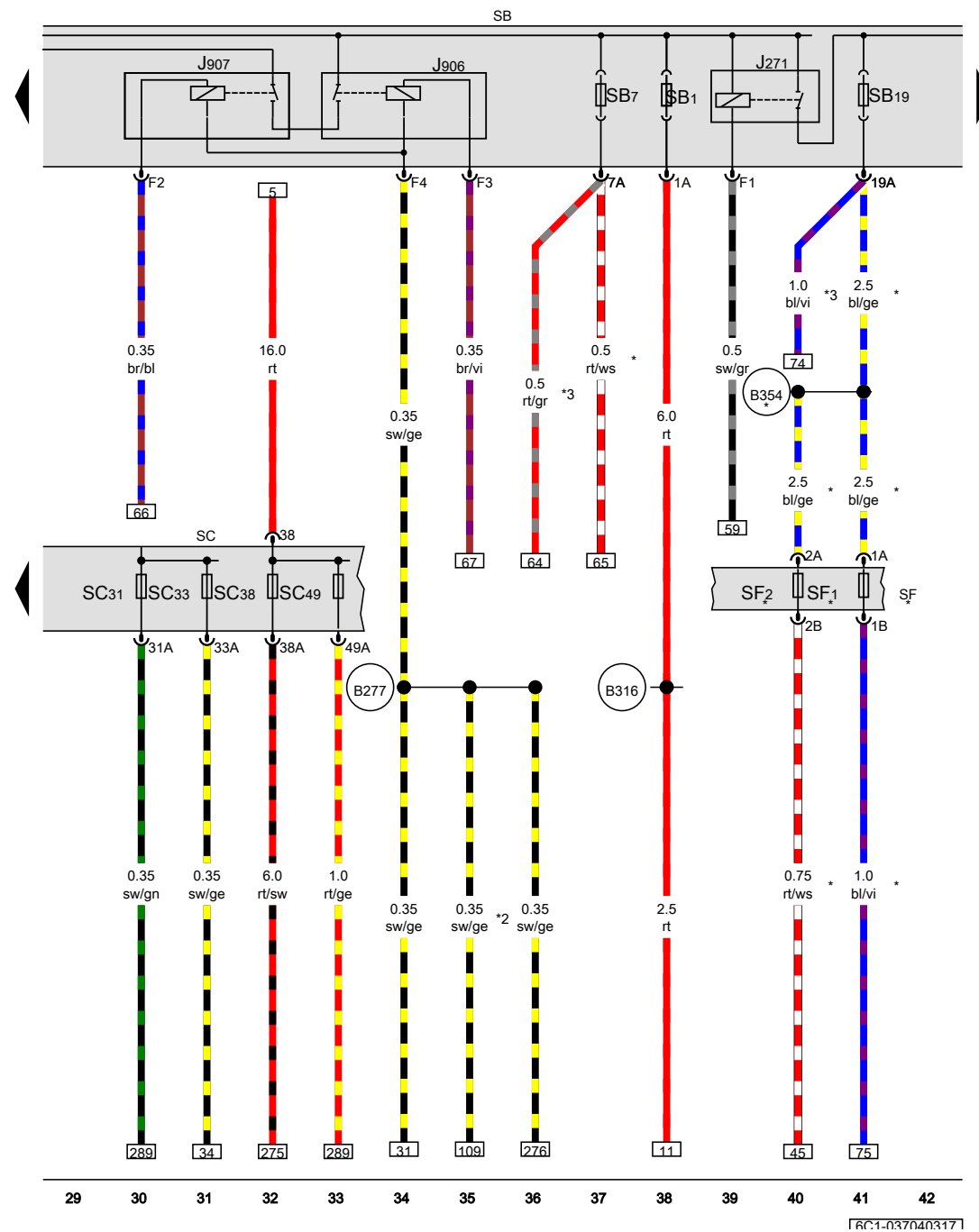
- CX1 Alternator with voltage regulator
- J757 Engine component current supply relay, in E-box in engine compartment
- SA2 Fuse 2 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

85 Earth connection 1, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

- * see applicable current flow diagram for fuse assignment
- *2 Only models with no manual gearbox
- *3 Only models with manual gearbox
- *4 Up to May 2016
- *5 From May 2016





Main relay, Starter relay 1, Starter relay 2, Fuse holder B

- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SC Fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- SF2 Fuse 2 in fuse holder F

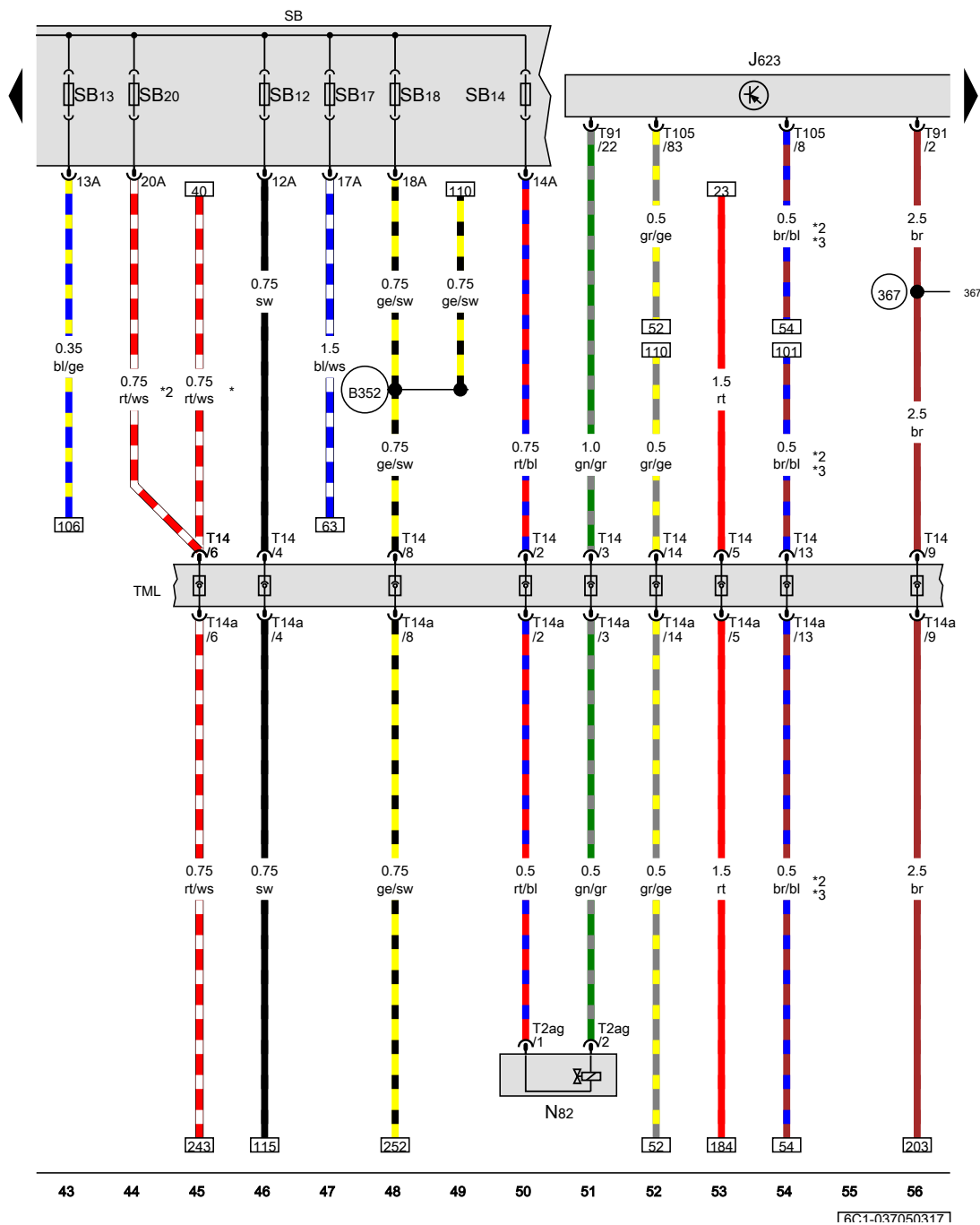
B277 Positive connection 1 (15a) in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B354 Positive connection 5 (87a) in main wiring harness

- * Up to May 2016
- *2 Only models with manual gearbox
- *3 From May 2016

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 sw = black
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 gn = green
 bl = blue
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine control unit, Coolant shut-off valve, Fuse holder B

- J623 Engine control unit
- N82 Coolant shut-off valve
- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2ag 2-pin connector, black
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- TML Coupling point in engine compartment, left

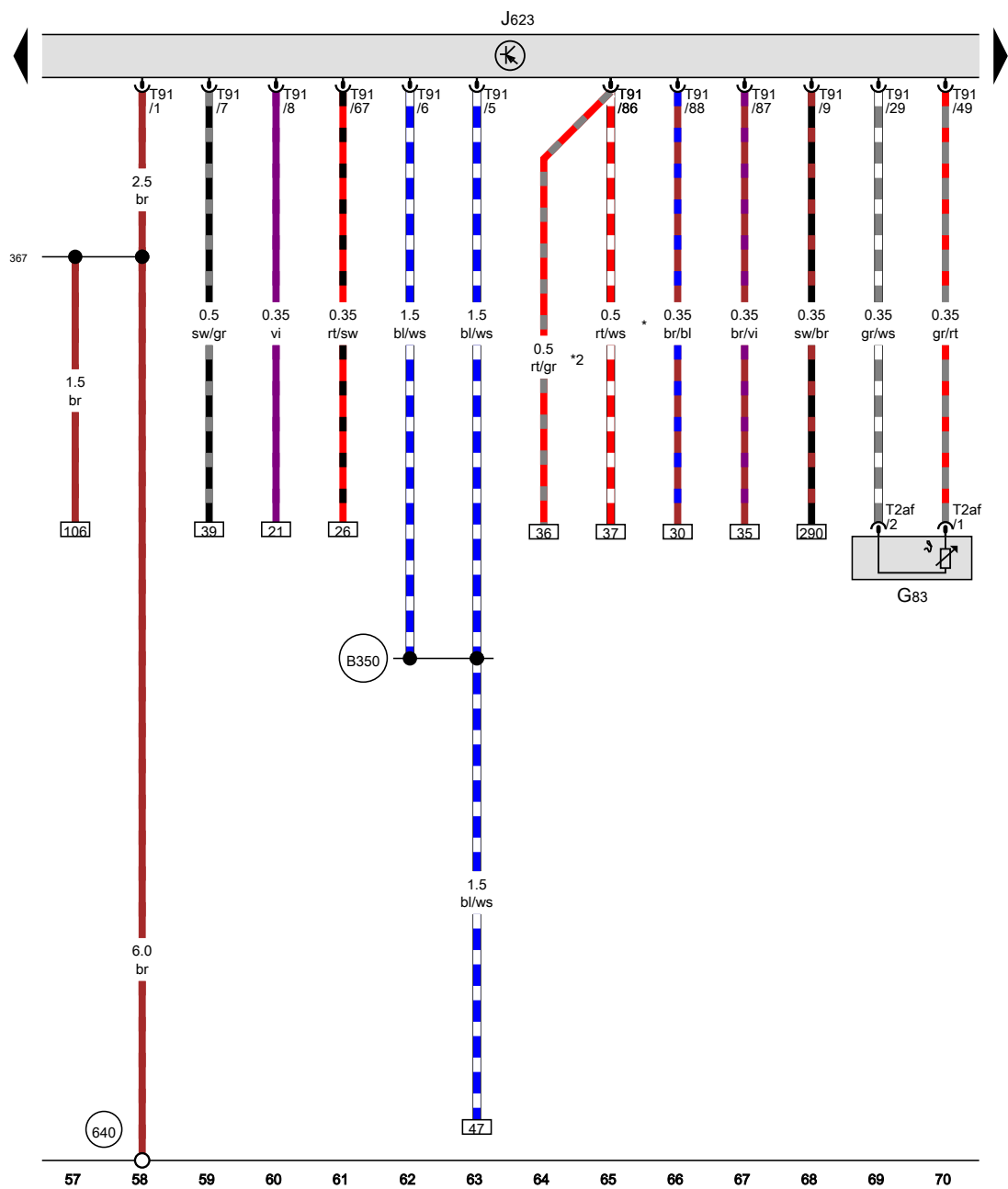
367 Earth connection 2, in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

* Up to May 2016

*2 From May 2016

*3 Only models with dual clutch gearbox

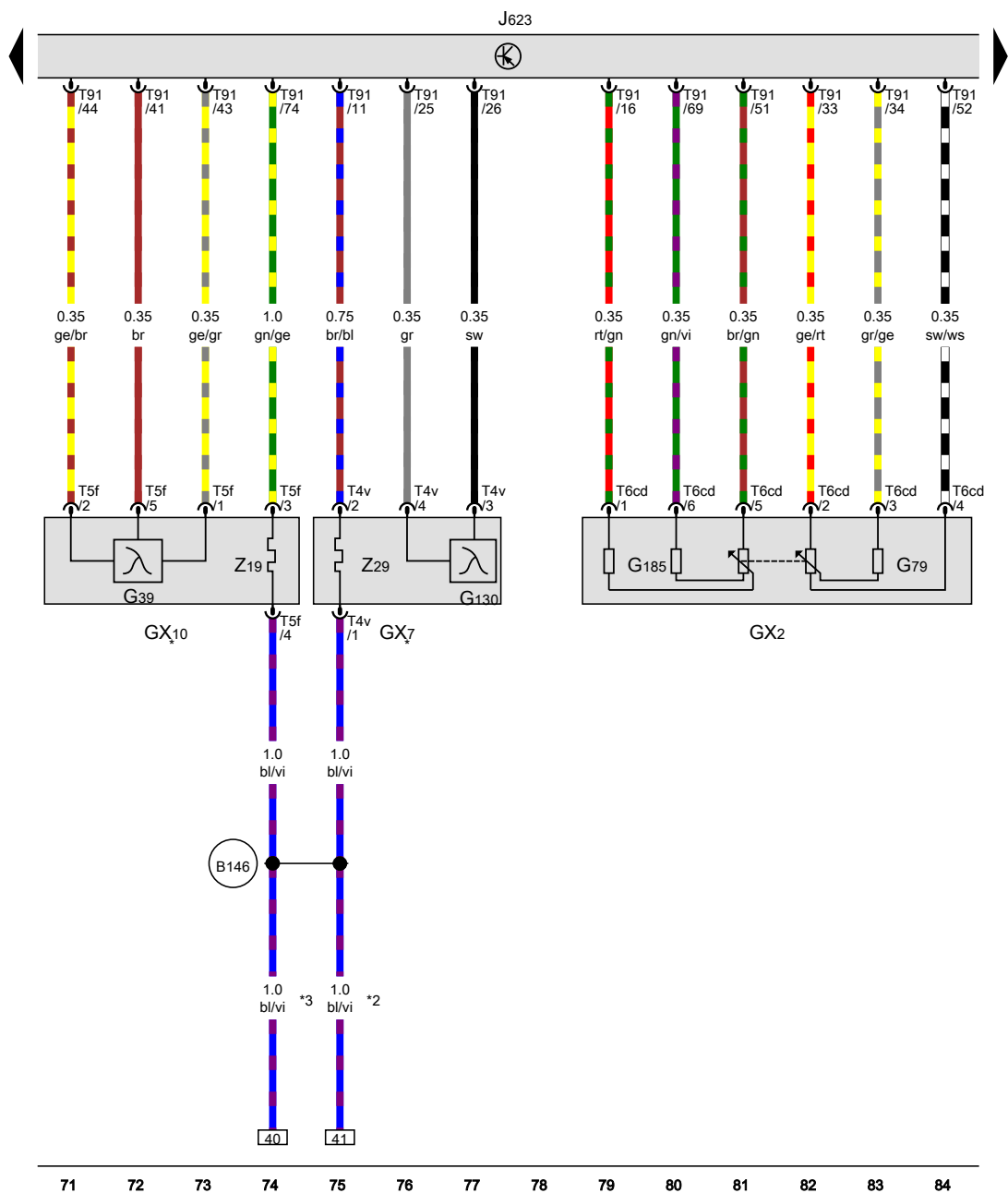


Radiator outlet coolant temperature sender, Engine control unit

- G83 Radiator outlet coolant temperature sender
- J623 Engine control unit
- T2af 2-pin connector, black
- T91 91-pin connector, black

- 367 Earth connection 2, in main wiring harness
- 640 Earth point 2, left in engine compartment
- B350 Positive connection 1 (87a) in main wiring harness

* Up to May 2016
 *2 From May 2016



16C1-037070317

Accelerator pedal module, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

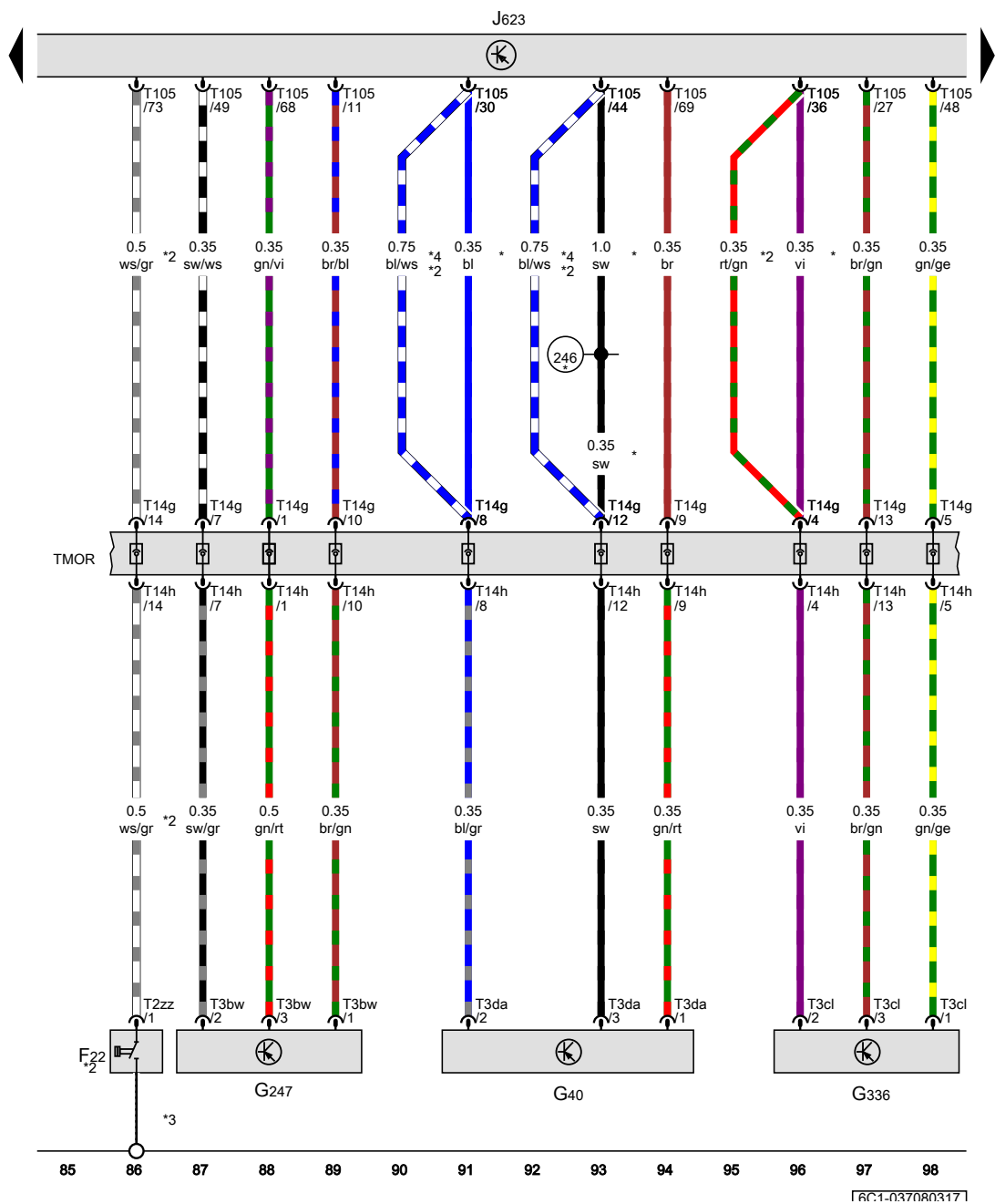
- GX2 Accelerator pedal module
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4v 4-pin connector, black
- T5f 5-pin connector, black
- T6cd 6-pin connector, black
- T91 91-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

- * Pre-wired component
- *2 Up to May 2016
- *3 From May 2016

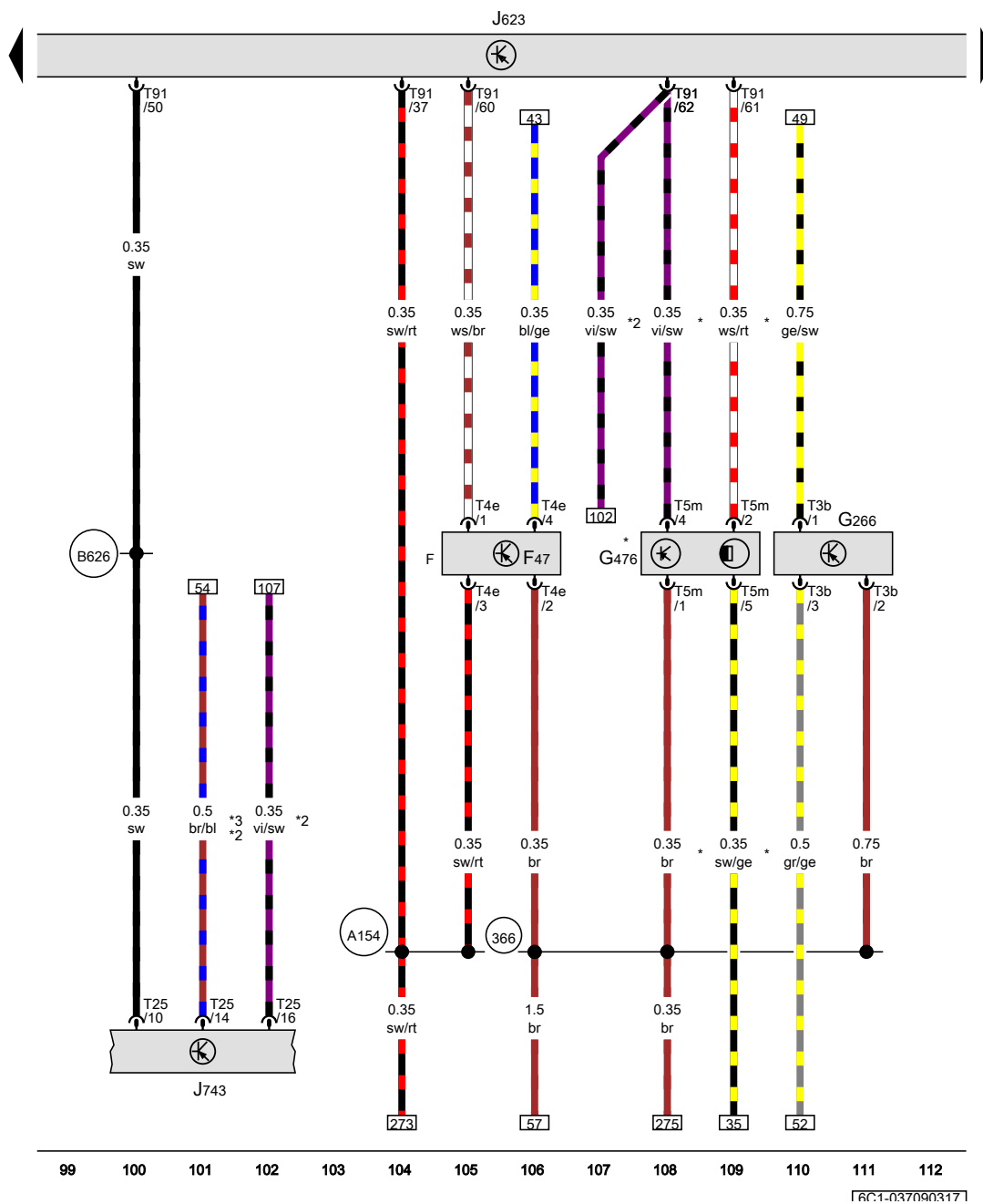
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Hall sender, Fuel pressure sender,
Intake manifold flap potentiometer, Engine control unit



- | | |
|------|---|
| F22 | Oil pressure switch |
| G40 | Hall sender |
| G247 | Fuel pressure sender |
| G336 | Intake manifold flap potentiometer |
| J623 | Engine control unit |
| T2zz | 2-pin connector, grey |
| T3bw | 3-pin connector, black |
| T3cl | 3-pin connector, black |
| T3da | 3-pin connector, black |
| T14g | 14-pin connector, black |
| T14h | 14-pin connector, black |
| T105 | 105-pin connector, black |
| TMOR | Coupling point on engine, top right |
| 246 | Earth connection (control unit), in engine wiring harness |
| * | Up to May 2016 |
| *2 | From May 2016 |
| *3 | Earth supply via housing |
| *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



Brake light switch, Oil level and oil temperature sender, Clutch position sender, Engine control unit

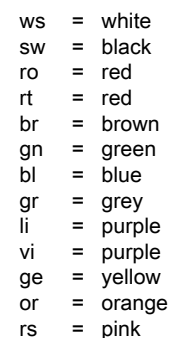
- F Brake light switch
- F47 Brake pedal switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector, black
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T25 25-pin connector, black
- T91 91-pin connector, black

366 Earth connection 1, in main wiring harness

A154 Connection (brake pedal switch), in dash panel wiring harness

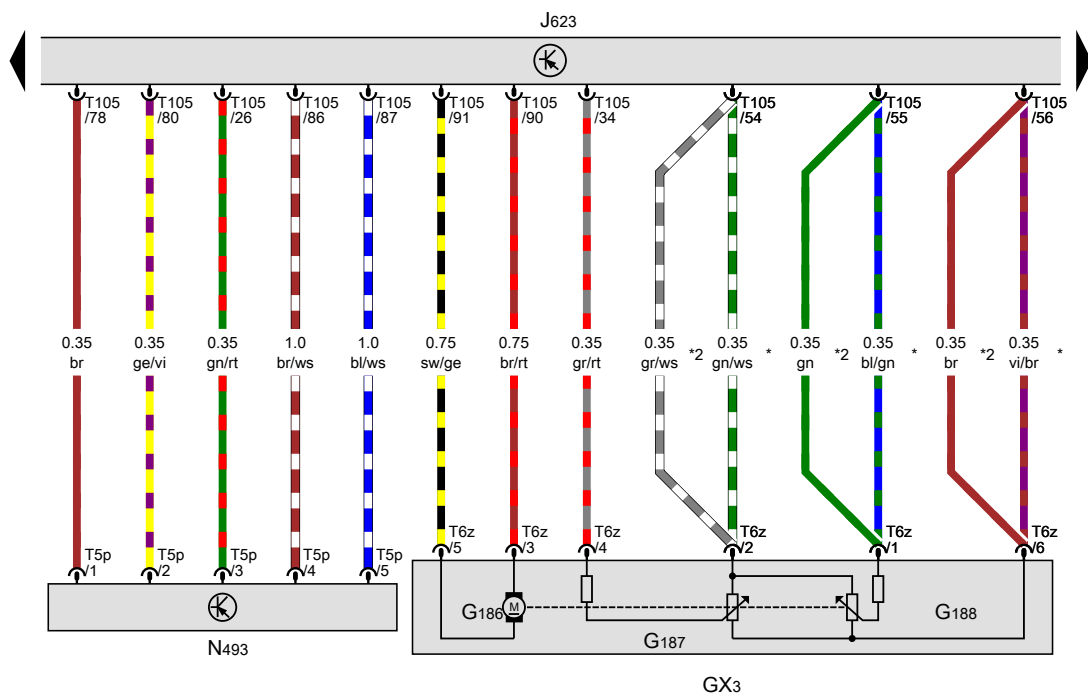
B626 Positive connection 2 (15), in main wiring harness

- * Only models with manual gearbox
- *2 Only models with dual clutch gearbox
- *3 From May 2016



J623	Engine control unit
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T2bi	2-pin connector, black
T2bj	2-pin connector, black
T2bk	2-pin connector, black
T2bl	2-pin connector, black
T8a	8-pin connector, black
T8ab	8-pin connector, black
T105	105-pin connector, black
TMOM	Coupling point on engine, top centre
D140	Connection (injectors), in engine prewiring harness
*	Up to May 2016
*2	From May 2016

Throttle valve module, Engine control unit, Actuator for engine temperature regulation



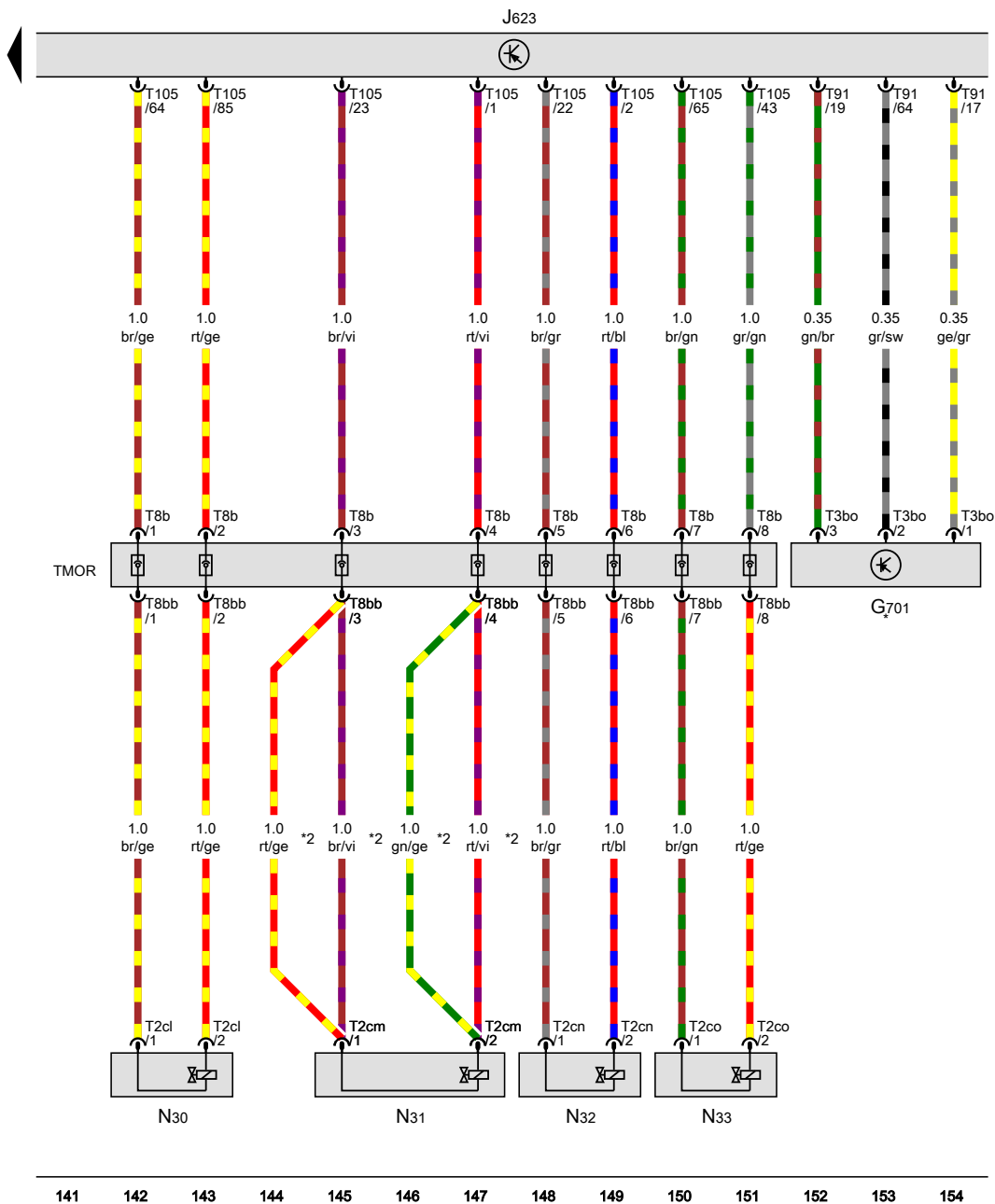
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J623 Engine control unit
- N493 Actuator for engine temperature regulation
- T5p 5-pin connector, black
- T6z 6-pin connector, black
- T105 105-pin connector, black
- * Up to May 2016
- *2 From May 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

Gearbox neutral position sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

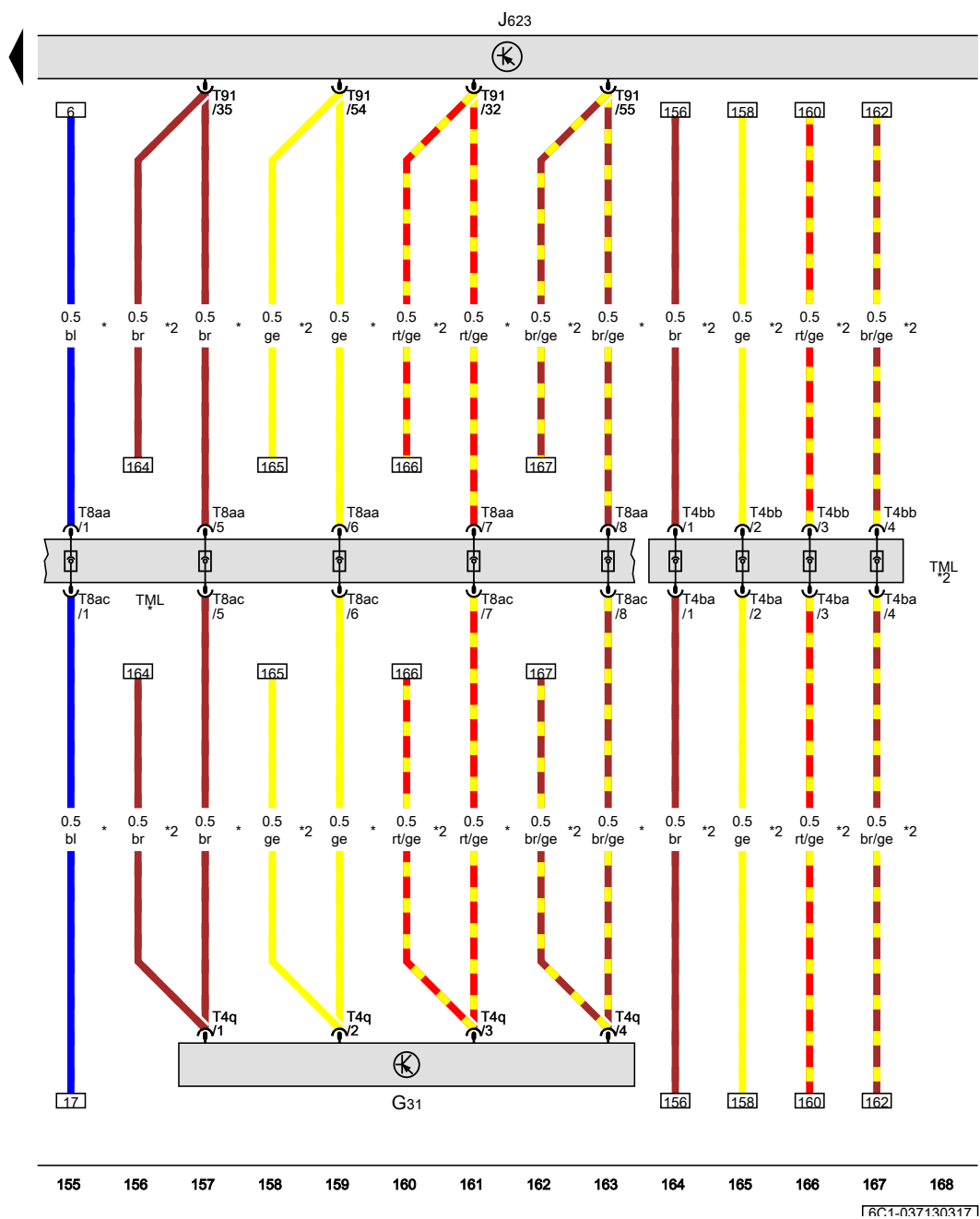
- G701 Gearbox neutral position sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector, black
- T3bo 3-pin connector, black
- T8b 8-pin connector, black
- T8bb 8-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- TMOR Coupling point on engine, top right
- * Only models with manual gearbox
- *2 According to equipment

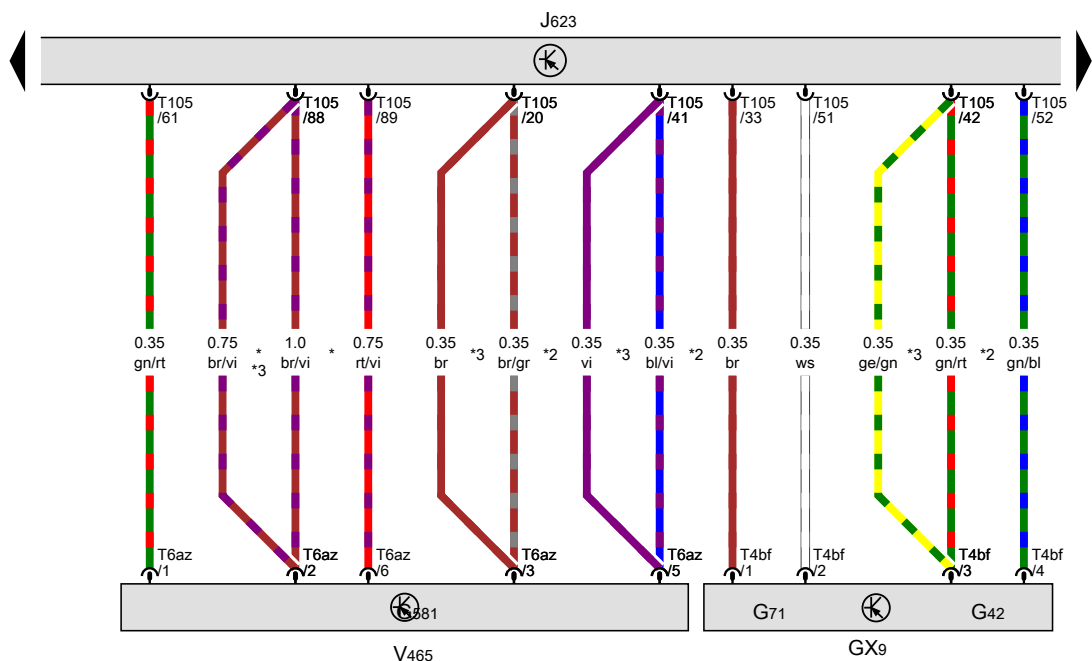
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



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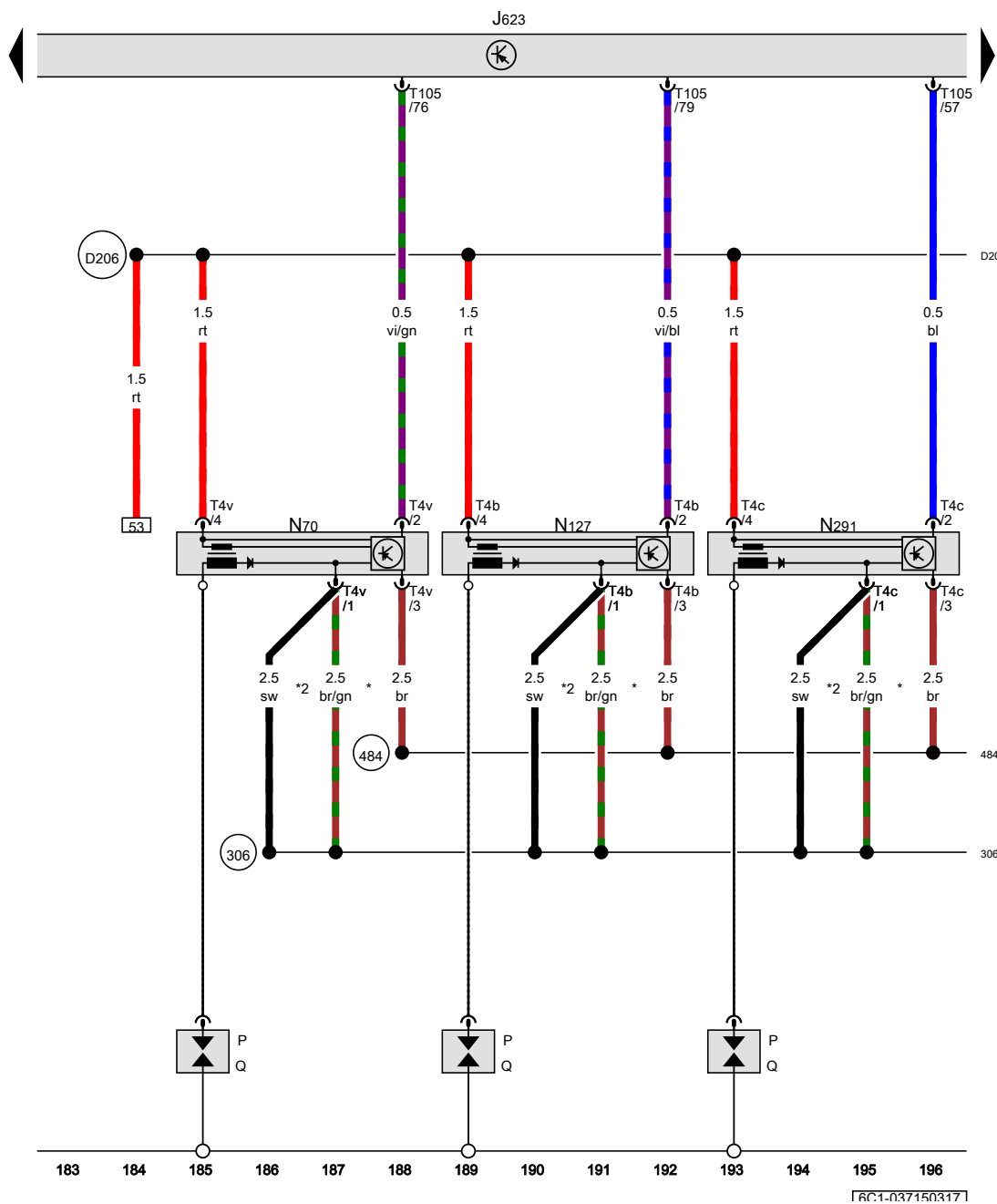
Charge pressure sender, Engine control unit





Intake manifold sender, Engine control unit, Charge pressure positioner

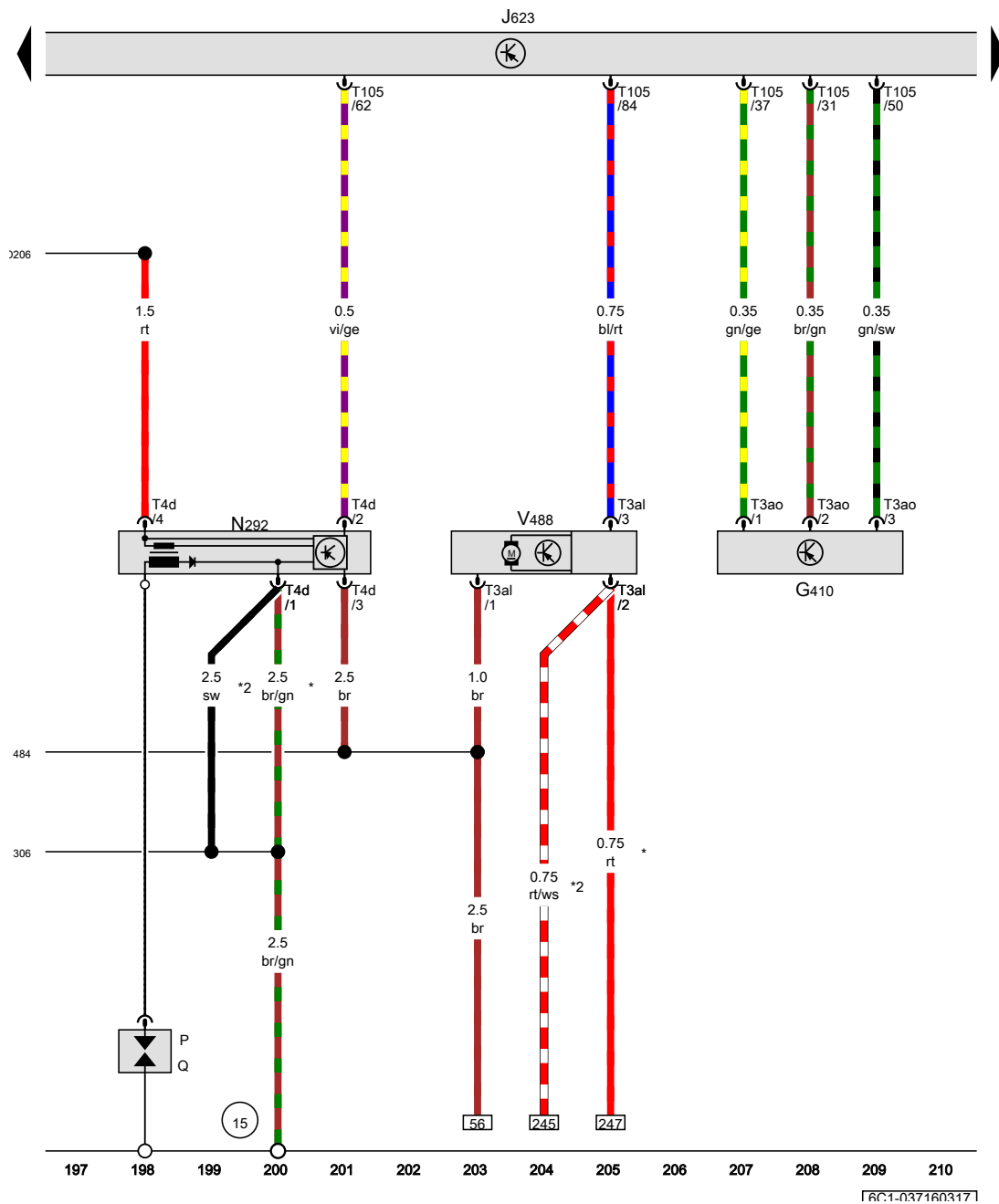
- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T4bf 4-pin connector, black
- T6az 6-pin connector, grey
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * According to equipment
- *2 Up to May 2016
- *3 From May 2016



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T4v 4-pin connector, black
- T105 105-pin connector, black

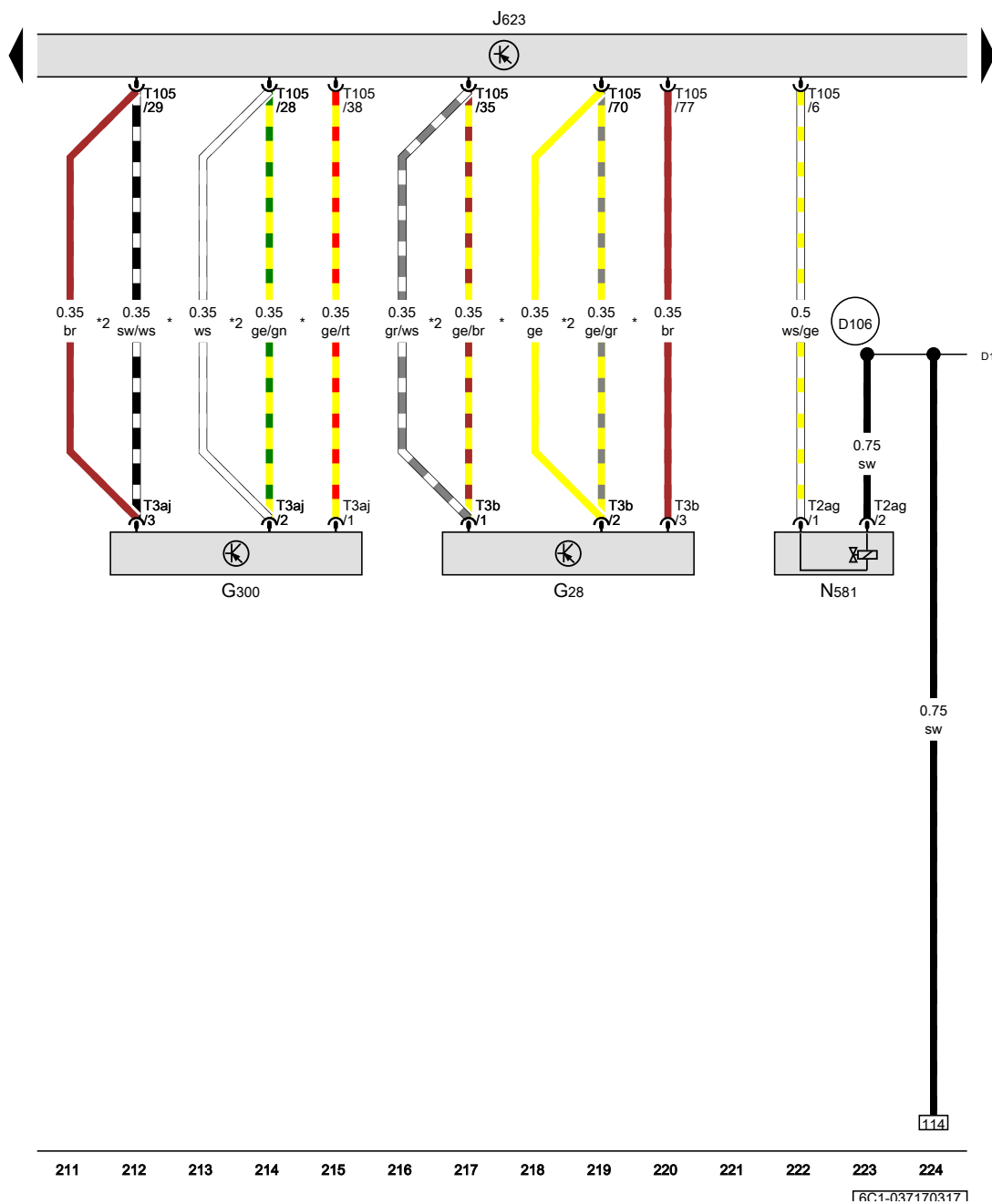
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * Up to May 2016
- *2 From May 2016



Fuel pressure sender for low pressure, Engine control unit, Ignition coil 4 with output stage, Auxiliary pump for heating

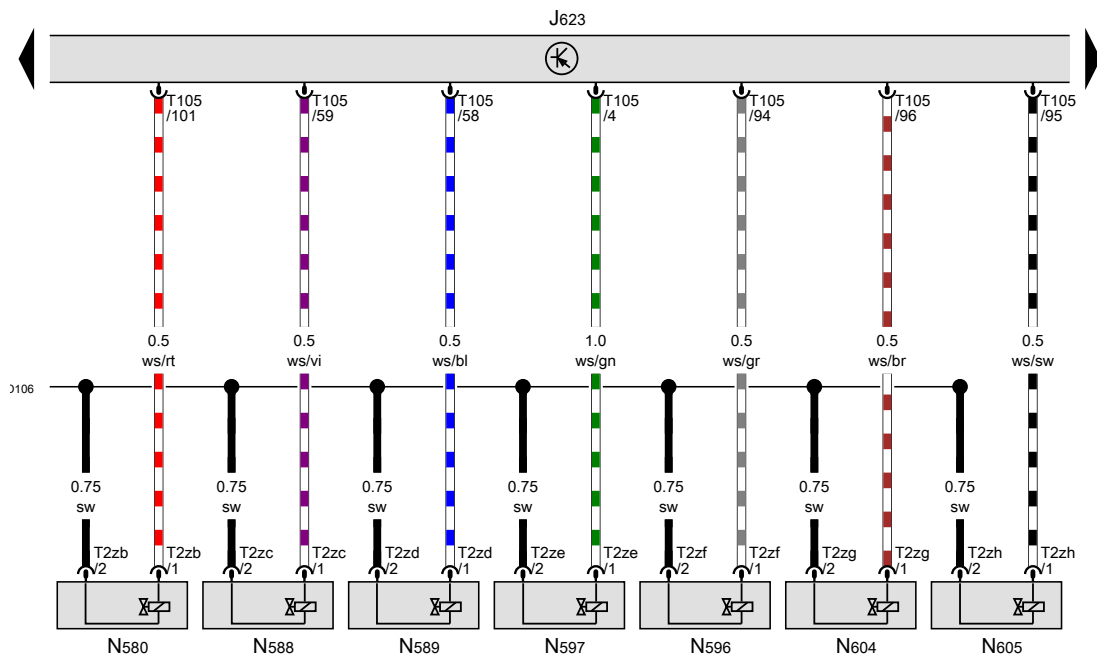
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T3al 3-pin connector, black
- T3ao 3-pin connector, blue
- T4d 4-pin connector, black
- T105 105-pin connector, black
- V488 Auxiliary pump for heating

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * Up to May 2016
- *2 From May 2016



Engine speed sender, Hall sender 3, Engine control unit

- G28 Engine speed sender
- G300 Hall sender 3
- J623 Engine control unit
- N581 Exhaust cam actuator B for cylinder 1
- T2ag 2-pin connector, yellow
- T3aj 3-pin connector, black
- T3b 3-pin connector, brown
- T105 105-pin connector, black
- D106 Connection 4 in engine compartment wiring harness
- * Up to May 2016
- *2 From May 2016



Engine control unit, Exhaust cam actuator A for cylinder 2, Exhaust cam actuator B for cylinder 2, Exhaust cam actuator A for cylinder 3, Exhaust cam actuator B for cylinder 3, Exhaust cam actuator A for cylinder 4, Exhaust cam actuator B for cylinder 4

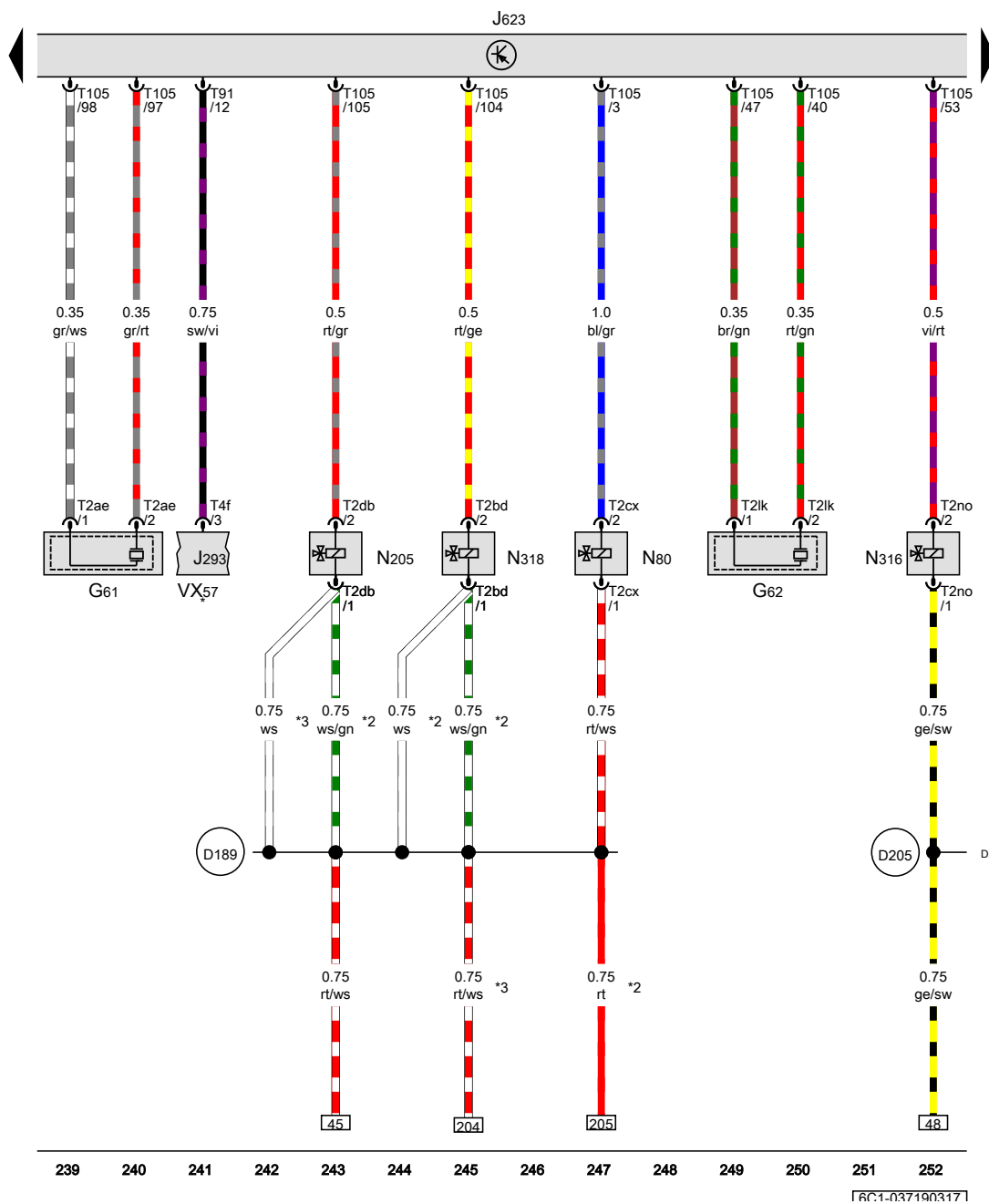
- J623 Engine control unit
- N580 Exhaust cam actuator A for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T2zb 2-pin connector, black
- T2zc 2-pin connector, yellow
- T2zd 2-pin connector, black
- T2ze 2-pin connector, yellow
- T2zf 2-pin connector, black
- T2zg 2-pin connector, yellow
- T2zh 2-pin connector, yellow
- T105 105-pin connector, black

D106 Connection 4 in engine compartment wiring harness

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

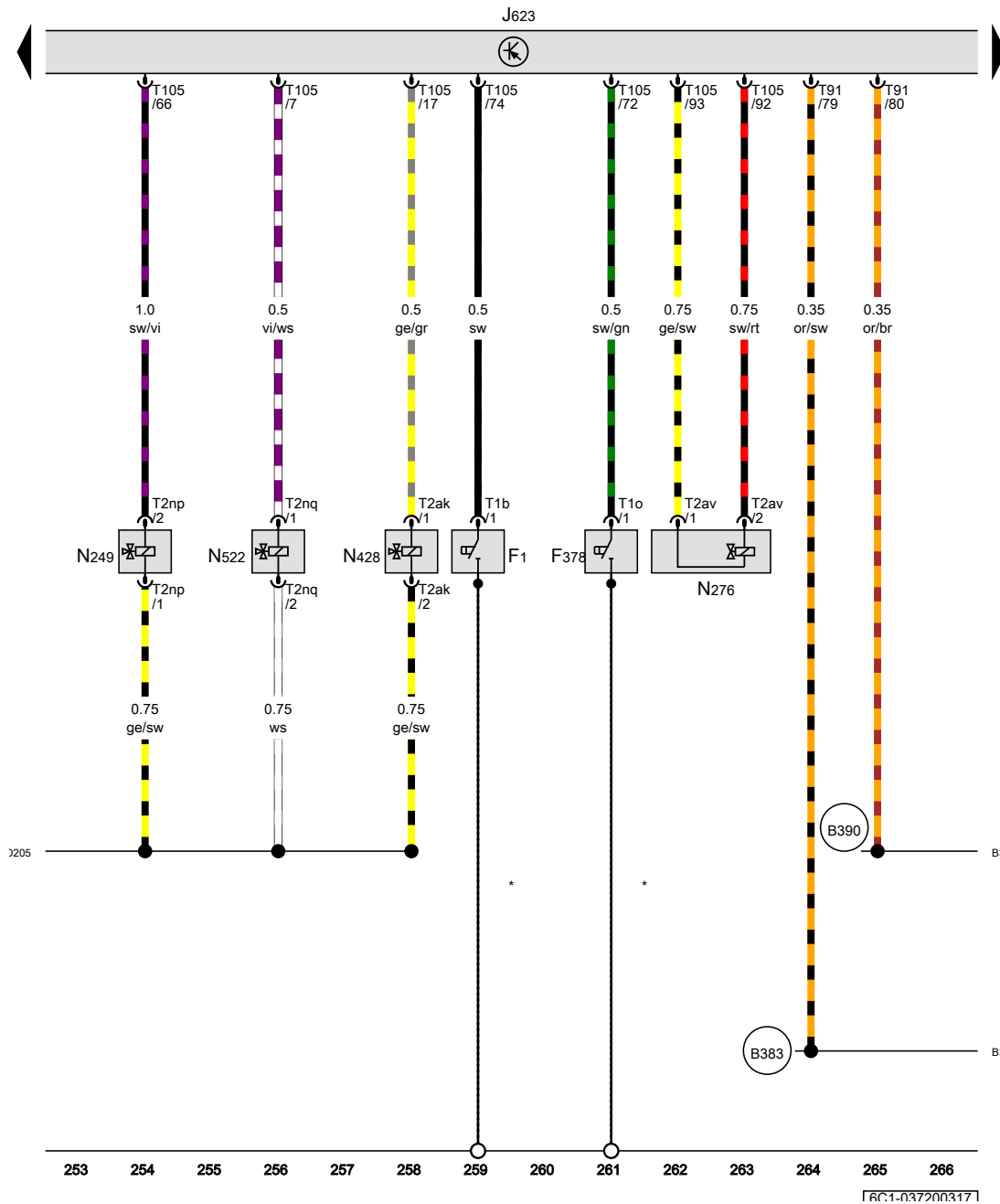
225 226 227 228 229 230 231 232 233 234 235 236 237 238

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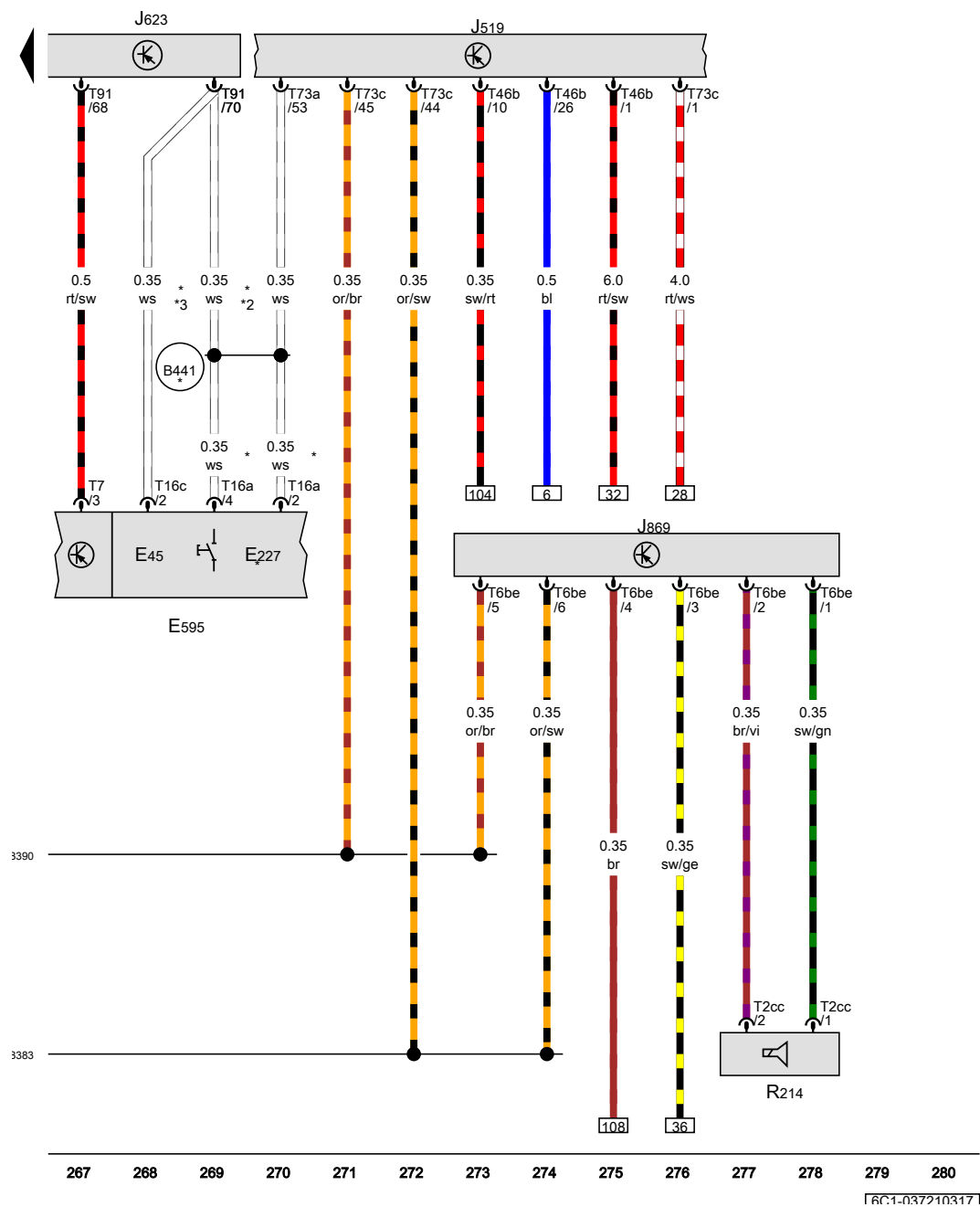
Knock sensor 1, Coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Intake manifold flap valve, Exhaust camshaft control valve 1, Radiator fan

- G61 Knock sensor 1
- G62 Coolant temperature sender
- J293 Radiator fan control unit
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N316 Intake manifold flap valve
- N318 Exhaust camshaft control valve 1
- T2ae 2-pin connector, yellow
- T2bd 2-pin connector, black
- T2cx 2-pin connector, yellow
- T2db 2-pin connector, black
- T2lk 2-pin connector, yellow
- T2no 2-pin connector, black
- T4f 4-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- VX57 Radiator fan
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Pre-wired component
- *2 Up to May 2016
- *3 From May 2016



Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Turbocharger air recirculation valve, Fuel pressure regulating valve, Valve for oil pressure control, Piston cooling jet control valve

- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine control unit
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T1b 1-pin connector, dark blue
- T1o 1-pin connector, black
- T2ak 2-pin connector, black
- T2av 2-pin connector, black
- T2np 2-pin connector, black
- T2nq 2-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Earth supply via housing



Cruise control system (CCS) SET button, Steering column combination switch, Onboard supply control unit, Engine control unit, Control unit for structure-borne sound, Actuator for structure-borne sound

- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2cc 2-pin connector, black
- T6be 6-pin connector, black
- T7 7-pin connector, black
- T16a 16-pin connector, black
- T16c 16-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black

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

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

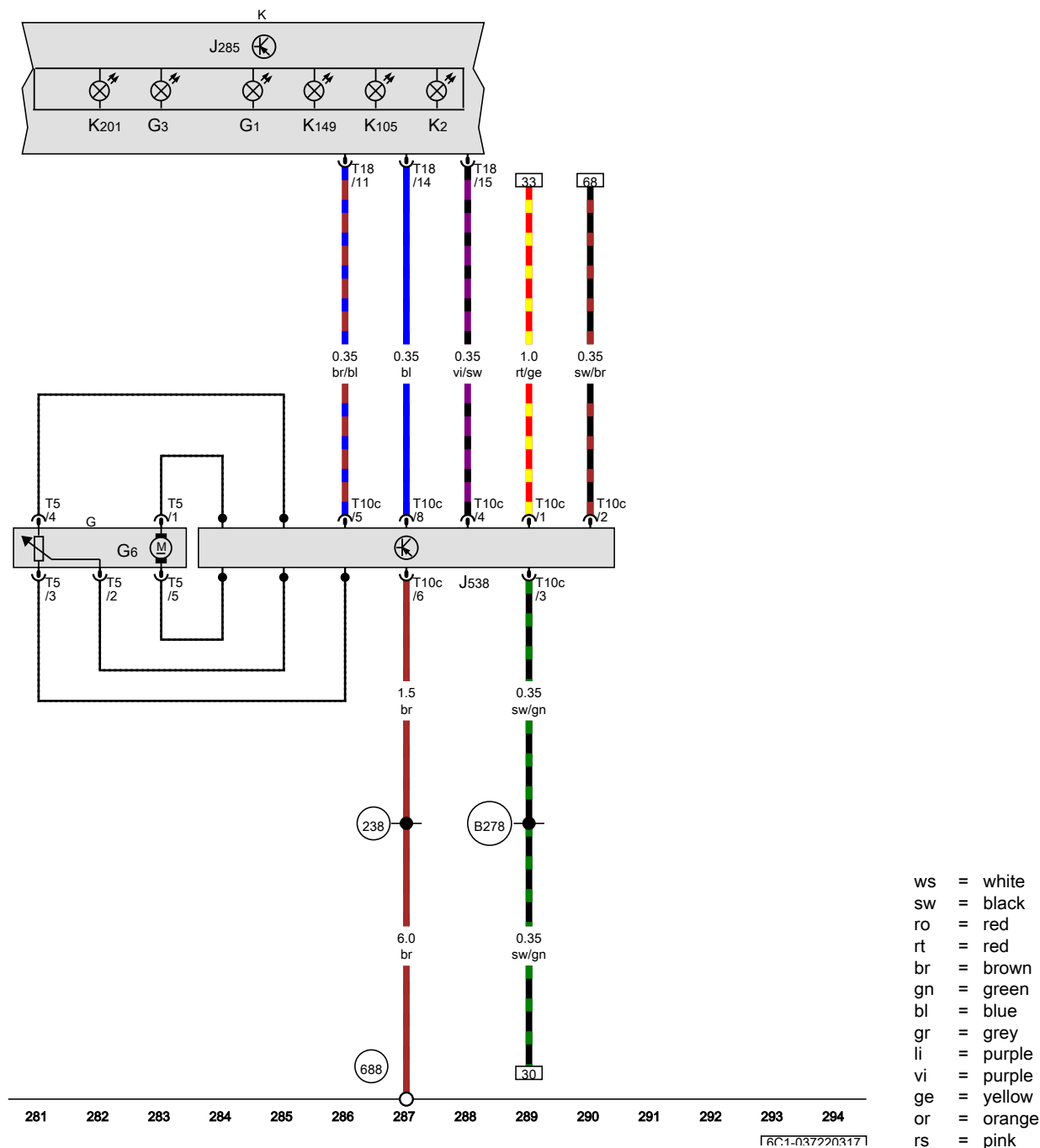
B441 Connection (CCS), in main wiring harness

- * Only models with cruise control system (CCS)
- *2 Only models with no multifunction steering wheel
- *3 Only models with multifunction steering wheel

Fuel gauge sender, Fuel system pressurisation pump, Dash panel insert

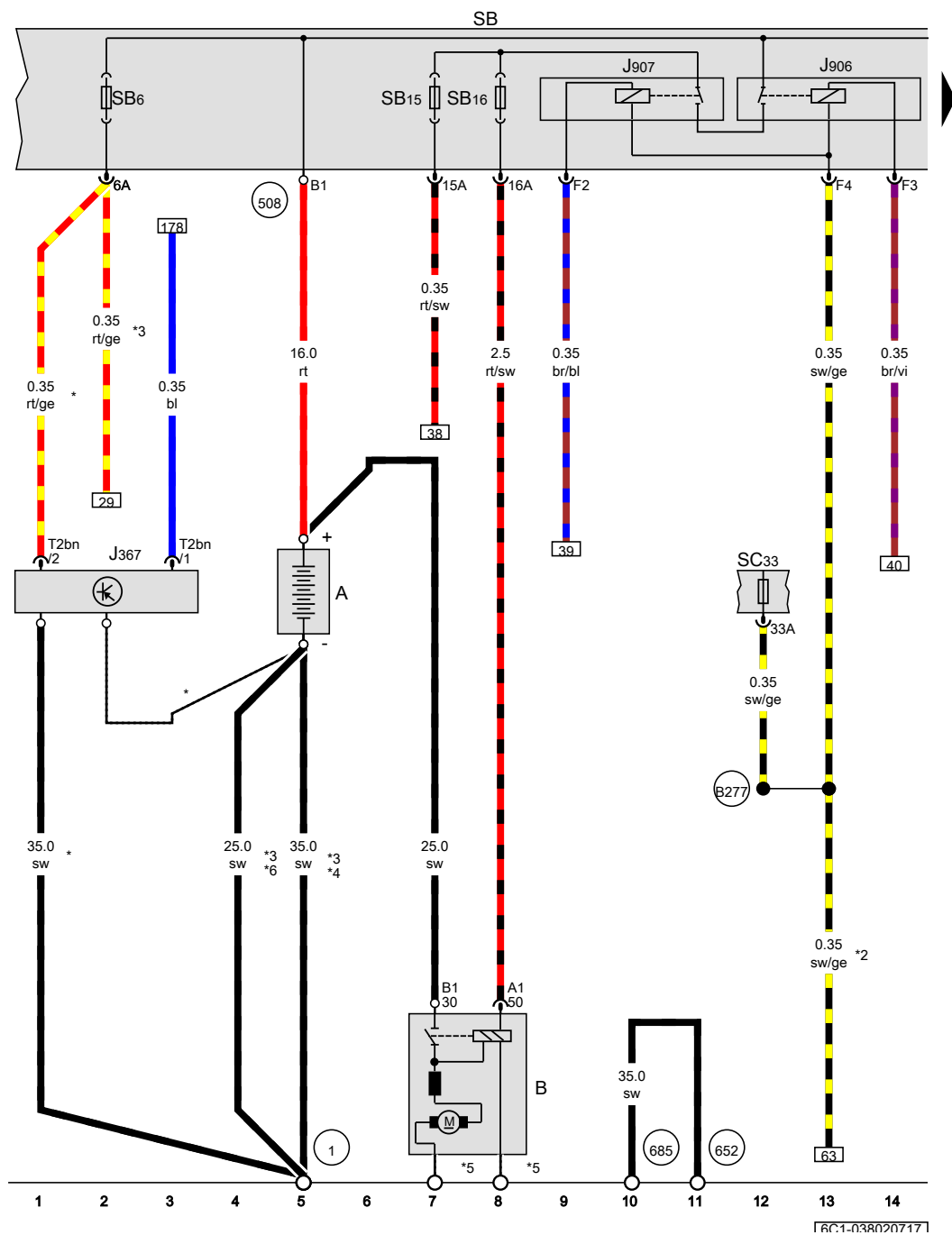
- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- K201 Fuel tank flap lock warning lamp
- T5 5-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector, black

- 238 Earth connection 1, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness



1.6l petrol engine , CWVB

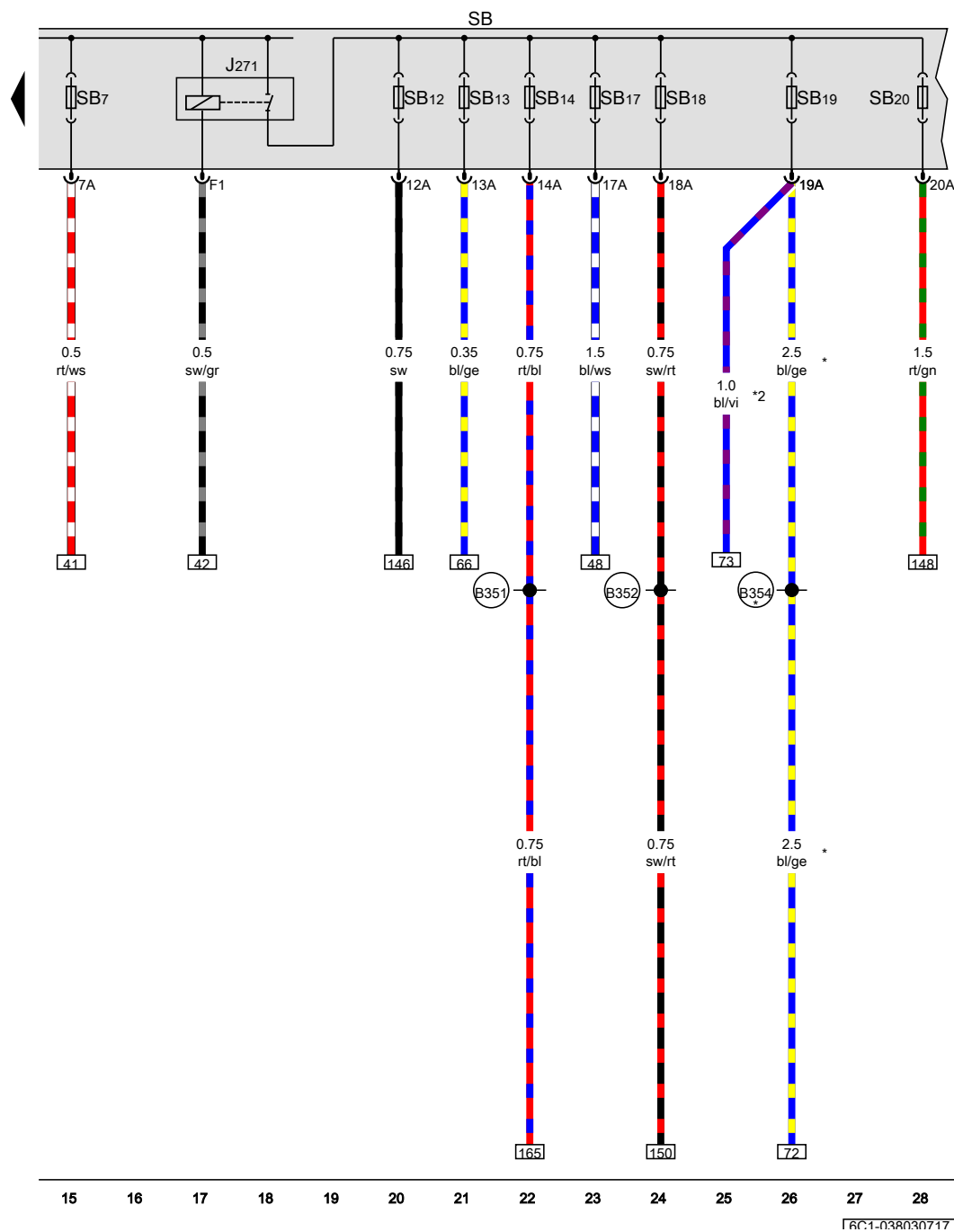
From November 2014



Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- | | |
|------|--|
| A | Battery |
| B | Starter |
| J367 | Battery monitor control unit |
| J906 | Starter relay 1 |
| J907 | Starter relay 2 |
| SB | Fuse holder B |
| SB6 | Fuse 6 on fuse holder B |
| SB15 | Fuse 15 on fuse holder B |
| SB16 | Fuse 16 on fuse holder B |
| SC33 | Fuse 33 on fuse holder C |
| T2bn | 2-pin connector |
| 1 | Earth strap, battery - body |
| 508 | Threaded connection (30) on E-box |
| 652 | Earth point, engine and gearbox earth |
| 685 | Earth point 1, on front of right longitudinal member |
| B277 | Positive connection 1 (15a) in main wiring harness |
| * | For models with start/stop system |
| *2 | For models with manual gearbox |
| *3 | For models with no start/stop system |
| *4 | Up to May 2016 |
| *5 | Earth supply via housing |
| *6 | From May 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



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B351 Positive connection 2 (87a) in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

B354 Positive connection 5 (87a) in main wiring harness

* Up to May 2016

*2 From May 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

Onboard supply control unit, Engine/motor control unit

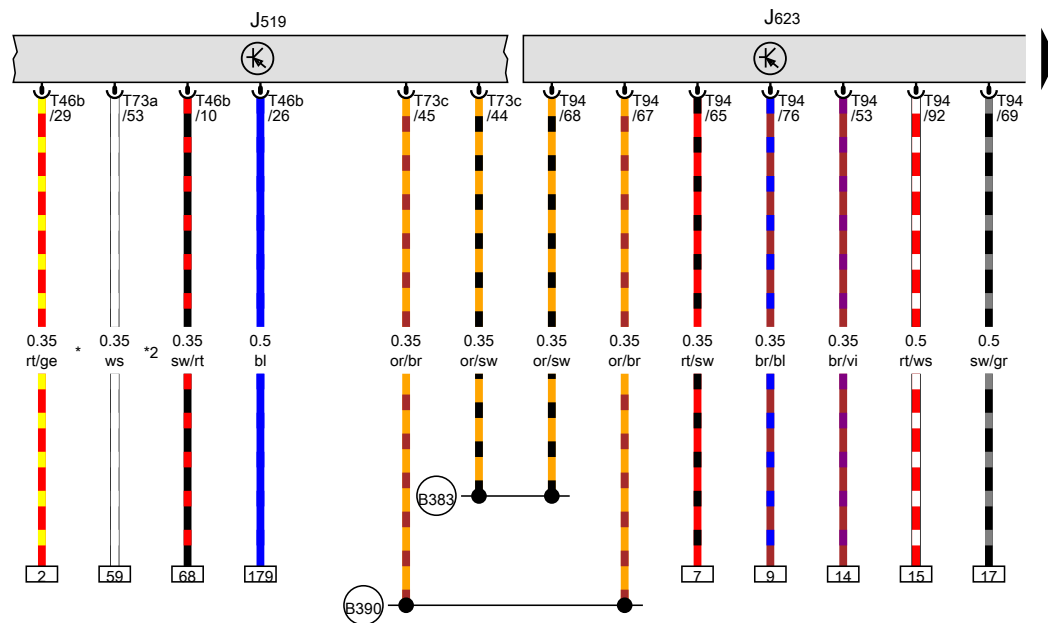
- J519 Onboard supply control unit
 J623 Engine/motor control unit
 T46b 46-pin connector, black
 T73a 73-pin connector, black
 T73c 73-pin connector, black
 T94 94-pin connector, black

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

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

* For models with no start/stop system

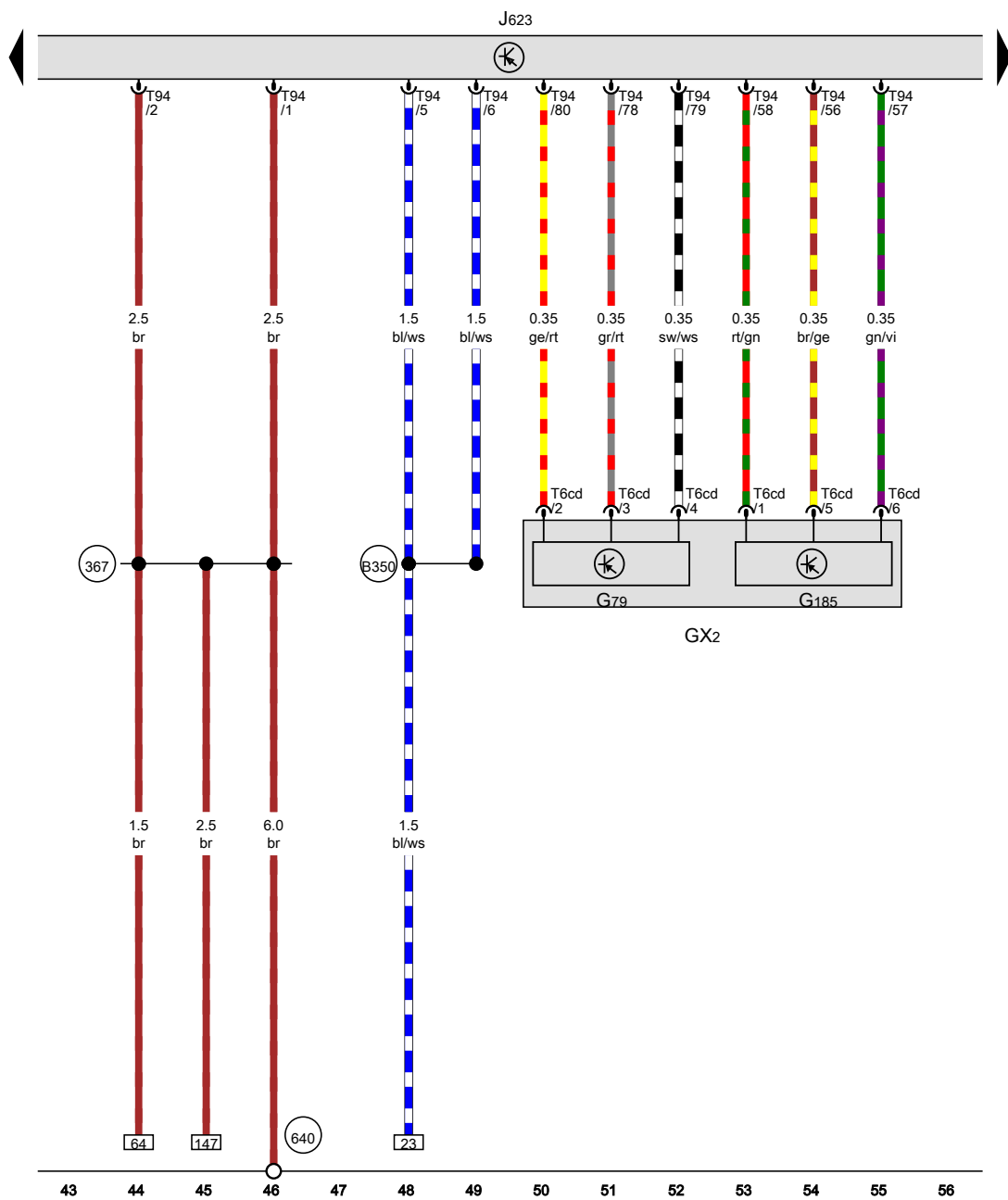
*2 For models with cruise control system (CCS)



- 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

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

[AC:1-038040717]



Accelerator pedal module, Engine/motor control unit

GX2 Accelerator pedal module
 G79 Accelerator position sender
 G185 Accelerator position sender 2
 J623 Engine/motor control unit
 T6cd 6-pin connector, black
 T94 94-pin connector, black

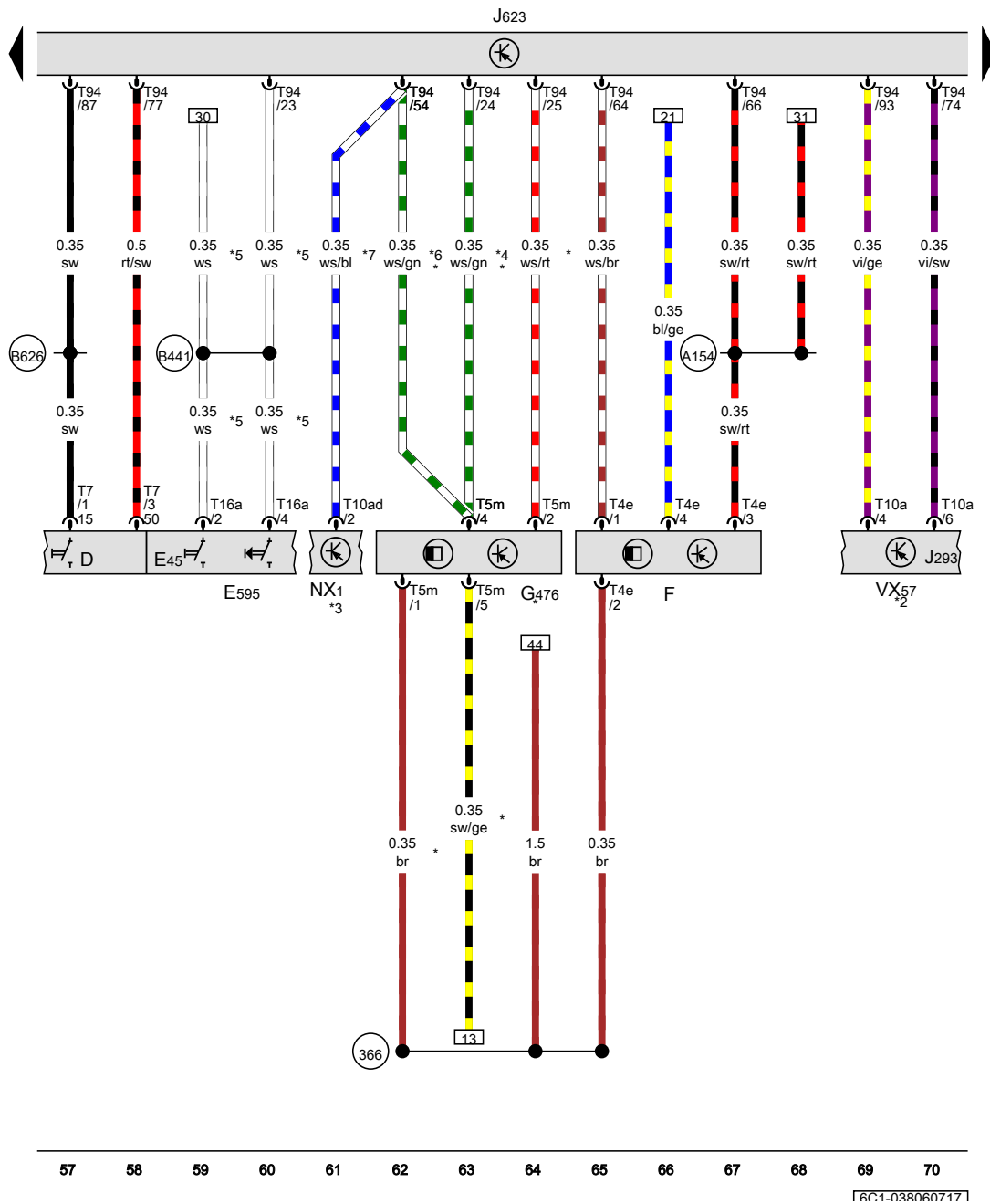
367 Earth connection 2, in main wiring harness

640 Earth point 2, left in engine compartment

B350 Positive connection 1 (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

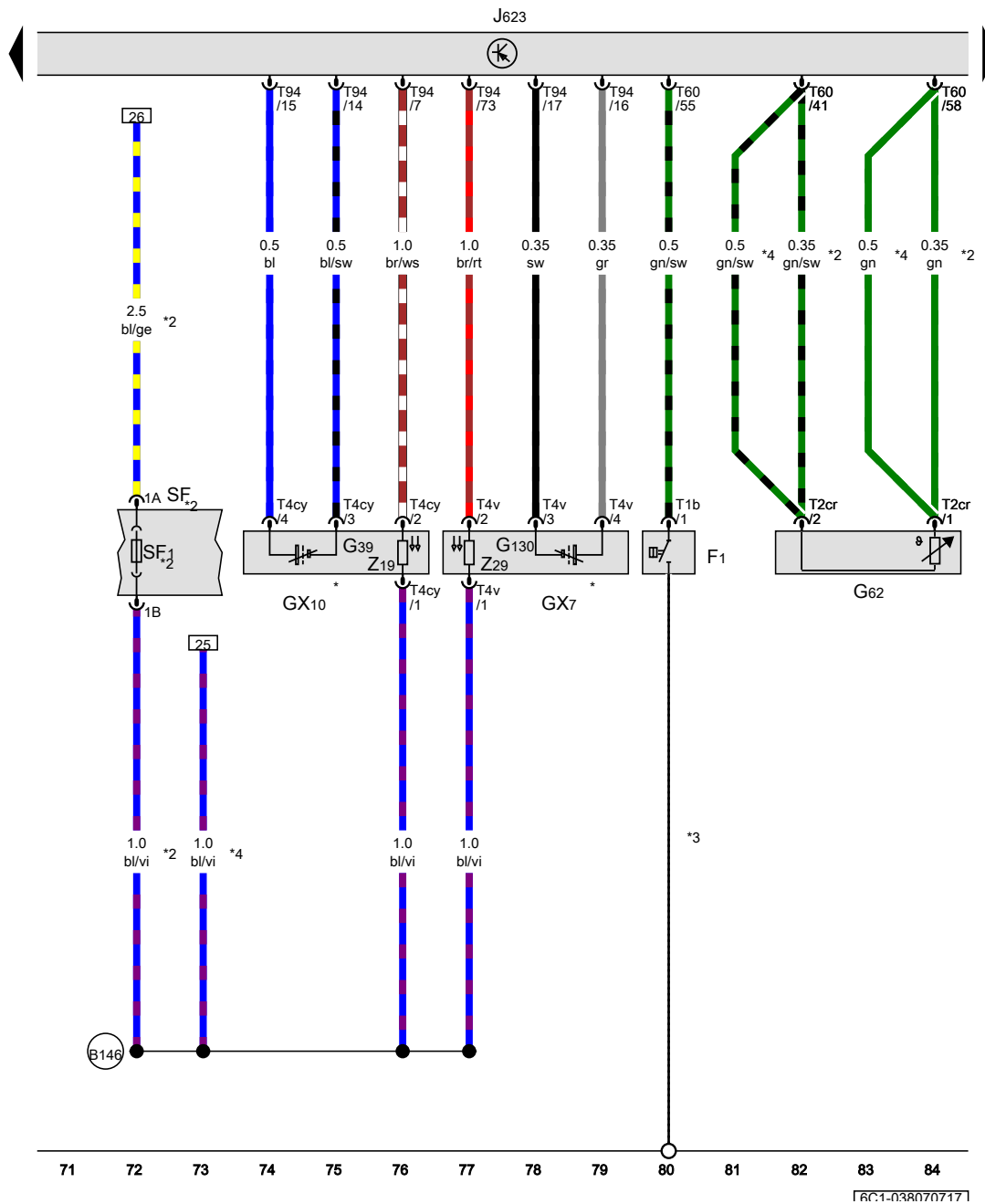
16C1-038050717



Steering column combination switch, Brake light switch, Clutch position sender, Engine/motor control unit, Gearbox

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F Brake light switch
- G476 Clutch position sender
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- NX1 Gearbox
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T7 7-pin connector, black
- T10a 10-pin connector, black
- T10ad 10-pin connector, black
- T16a 16-pin connector, black
- T94 94-pin connector, black
- VX57 Radiator fan

- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with manual gearbox
- *2 Pre-wired component
- *3 see applicable current flow diagram for automatic gearbox
- *4 Up to May 2015
- *5 For models with cruise control system (CCS)
- *6 From May 2015
- *7 For models with automatic gearbox



Oil pressure switch, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Coolant temperature sender, Engine/motor control unit

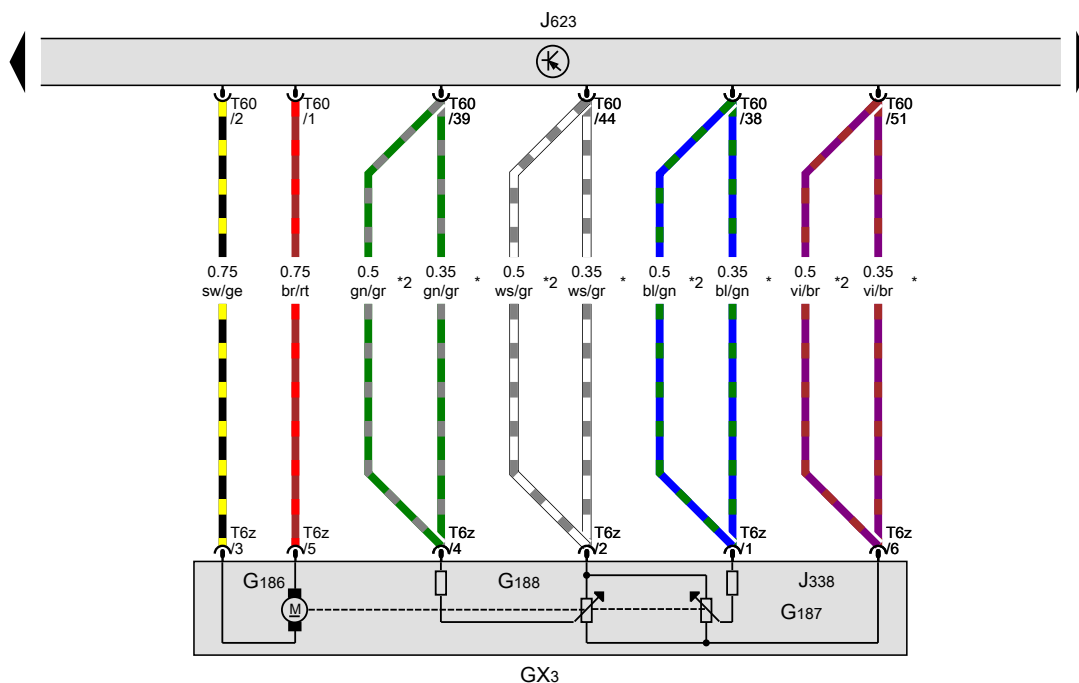
- F1 Oil pressure switch
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G62 Coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- T1b 1-pin connector, dark blue
- T2cr 2-pin connector, black
- T3ae 3-pin connector, black
- T4cy 4-pin connector, brown
- T4v 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

- * Pre-wired component
- *2 Up to May 2016
- *3 Earth supply via housing
- *4 From May 2016

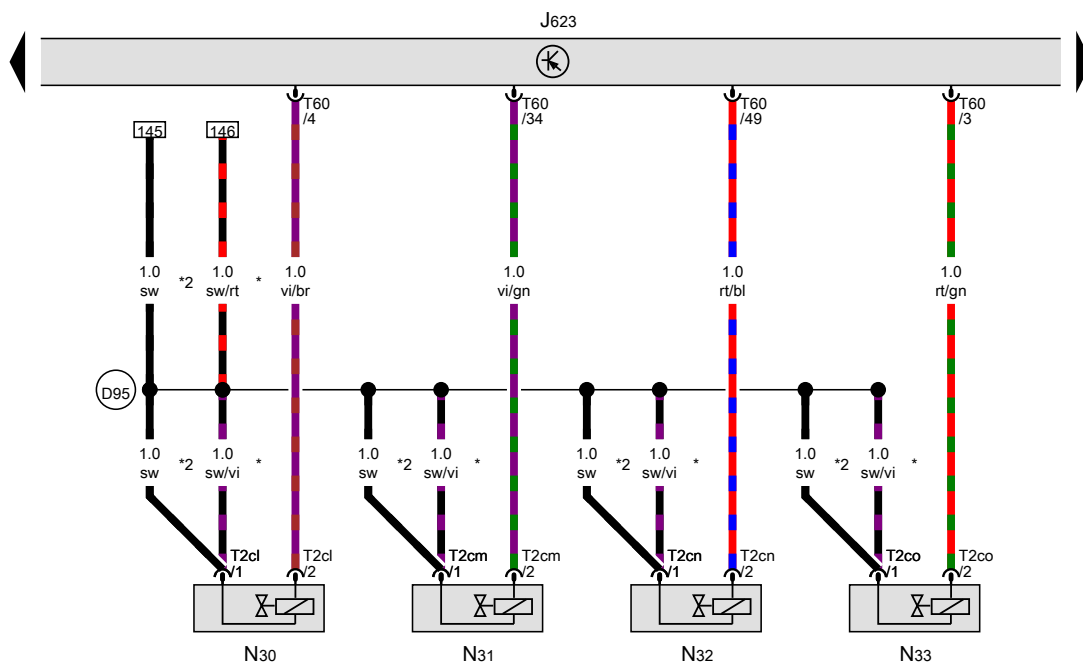
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Throttle valve module, Engine/motor control unit



- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6z 6-pin connector, black
- T60 60-pin connector, black
- * Up to May 2016
- *2 From May 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



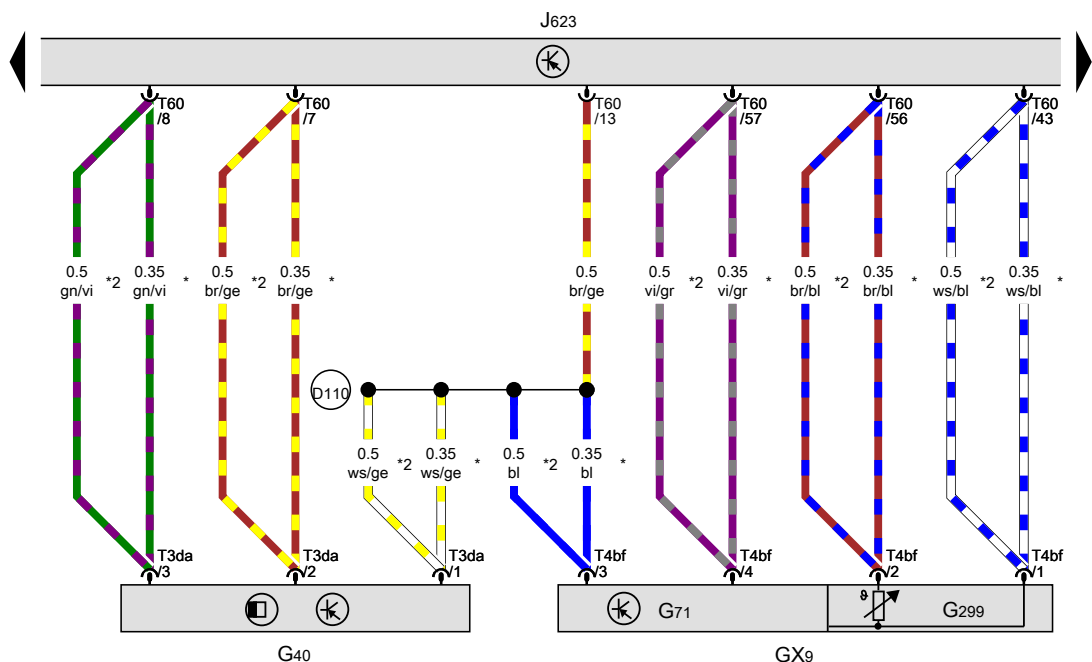
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector
- T60 60-pin connector, black

D95 Connection (injectors), in engine compartment wiring harness

- * Up to May 2016
- *2 From May 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



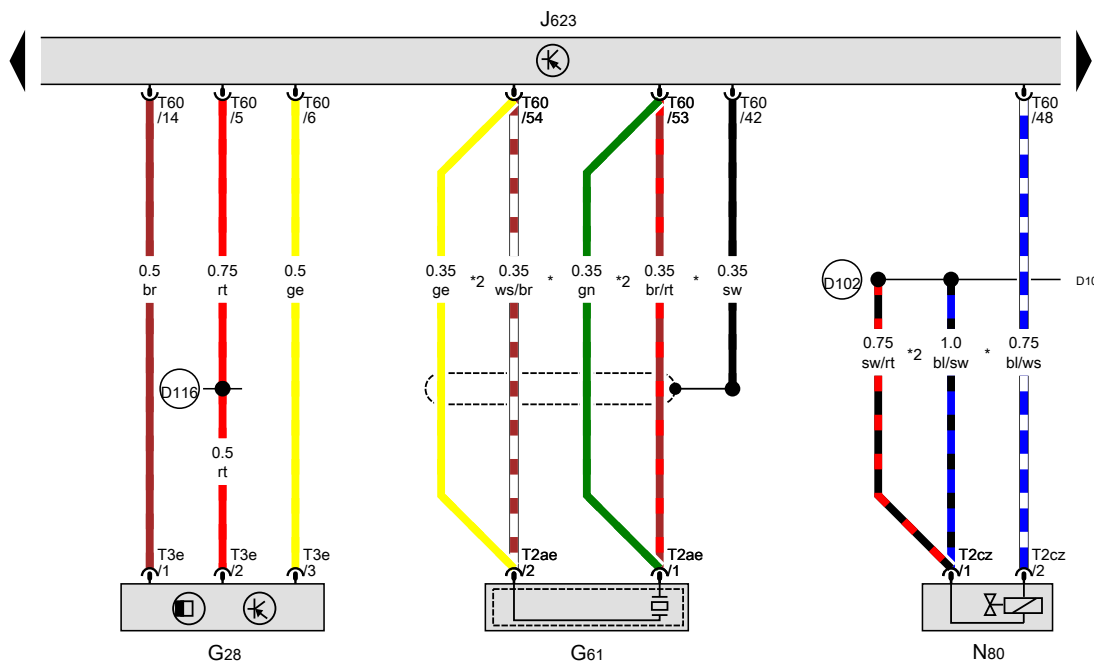
Intake manifold sender, Hall sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine/motor control unit

- GX9 Intake manifold sender
- G40 Hall sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3da 3-pin connector, black
- T4bf 4-pin connector, black
- T60 60-pin connector, black

D110 Connection 8 in engine compartment wiring harness

- * Up to May 2016
- *2 From May 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 speed sender, Knock sensor 1, Engine/motor control unit, Activated charcoal filter solenoid valve 1

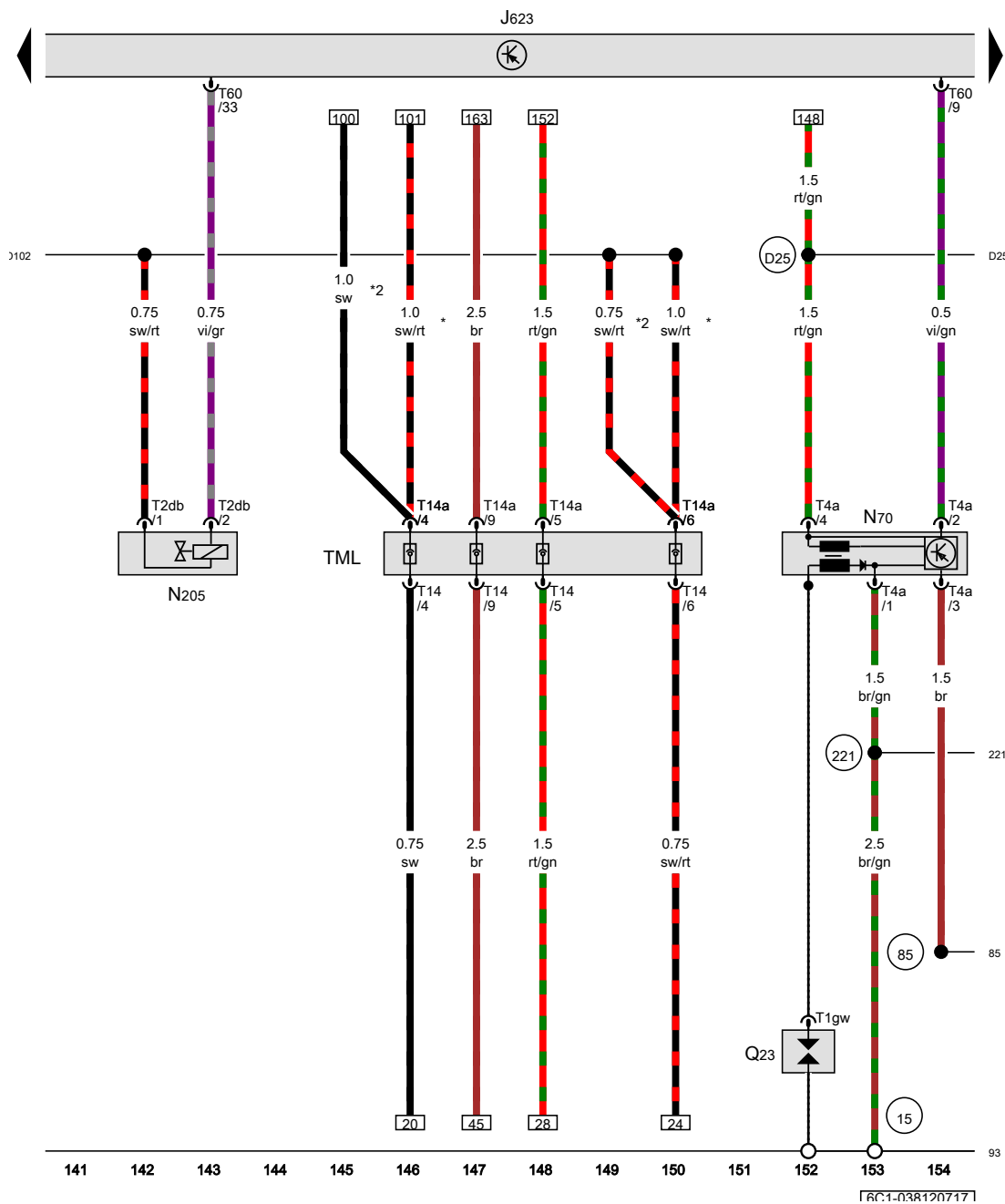
- G28 Engine speed sender
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector, black
- T2cz 2-pin connector, black
- T3e 3-pin connector, brown
- T60 60-pin connector, black

D102 Connection 2 in engine compartment wiring harness

D116 Connection 14 in engine compartment wiring harness

- * Up to May 2016
- *2 From May 2016

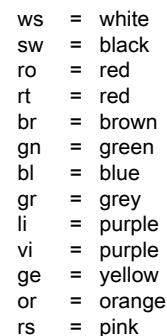
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



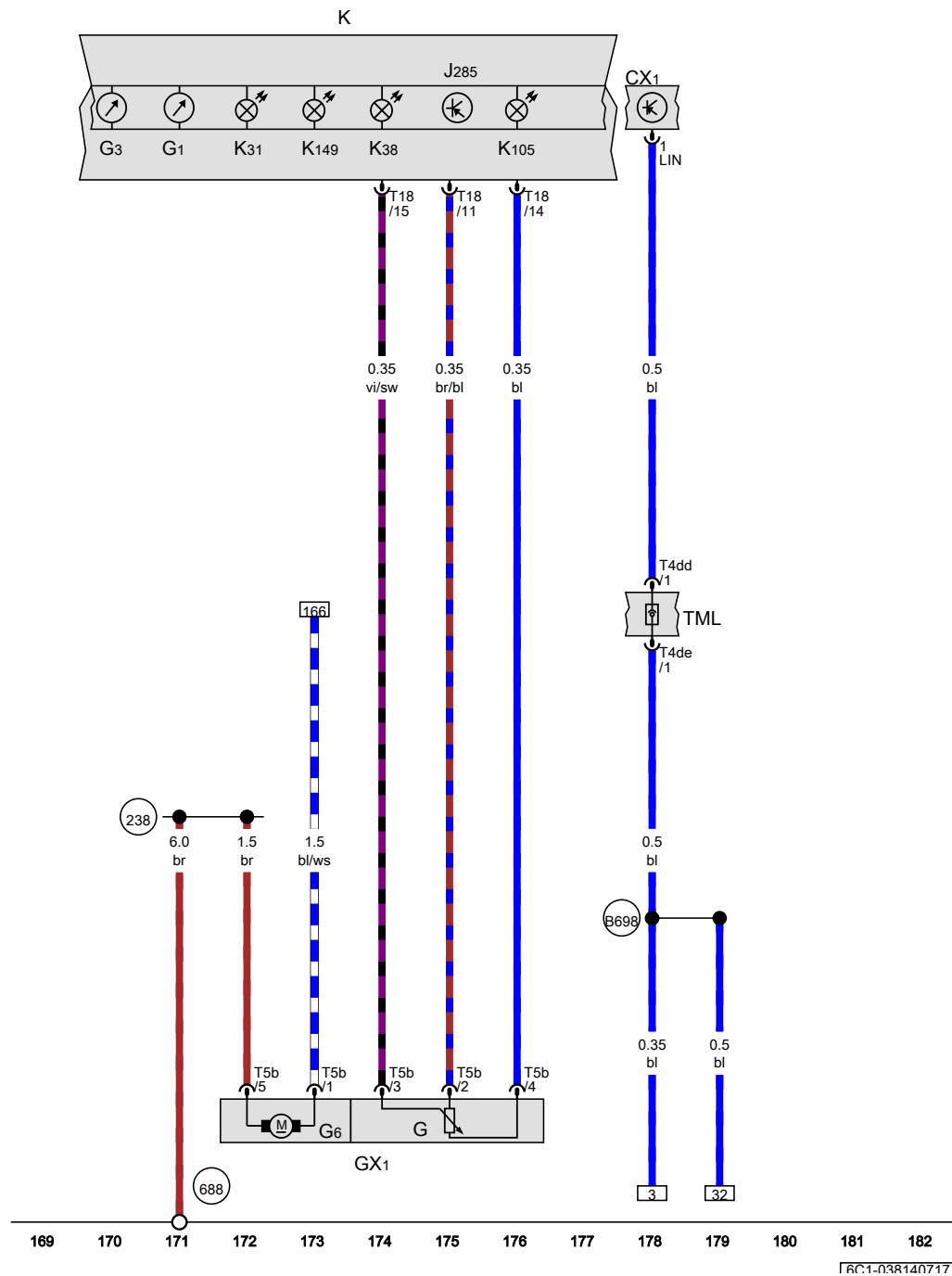
Engine/motor control unit, Ignition coil 1 with output stage, Camshaft control valve 1

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N205 Camshaft control valve 1
- Q23 Spark plug 1
- T1gw 1-pin connector
- T2db 2-pin connector, yellow
- T4a 4-pin connector, black
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T60 60-pin connector, black
- TML Coupling point in engine compartment, left

- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 221 Earth connection (engine earth), in engine wiring harness
- D25 Positive connection (15), in engine prewiring harness
- D102 Connection 2 in engine compartment wiring harness
- * Up to May 2016
- *2 From May 2016



85	Earth connection 1, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
D25	Positive connection (15), in engine prewiring harness
*	Up to May 2016
*2	From May 2016



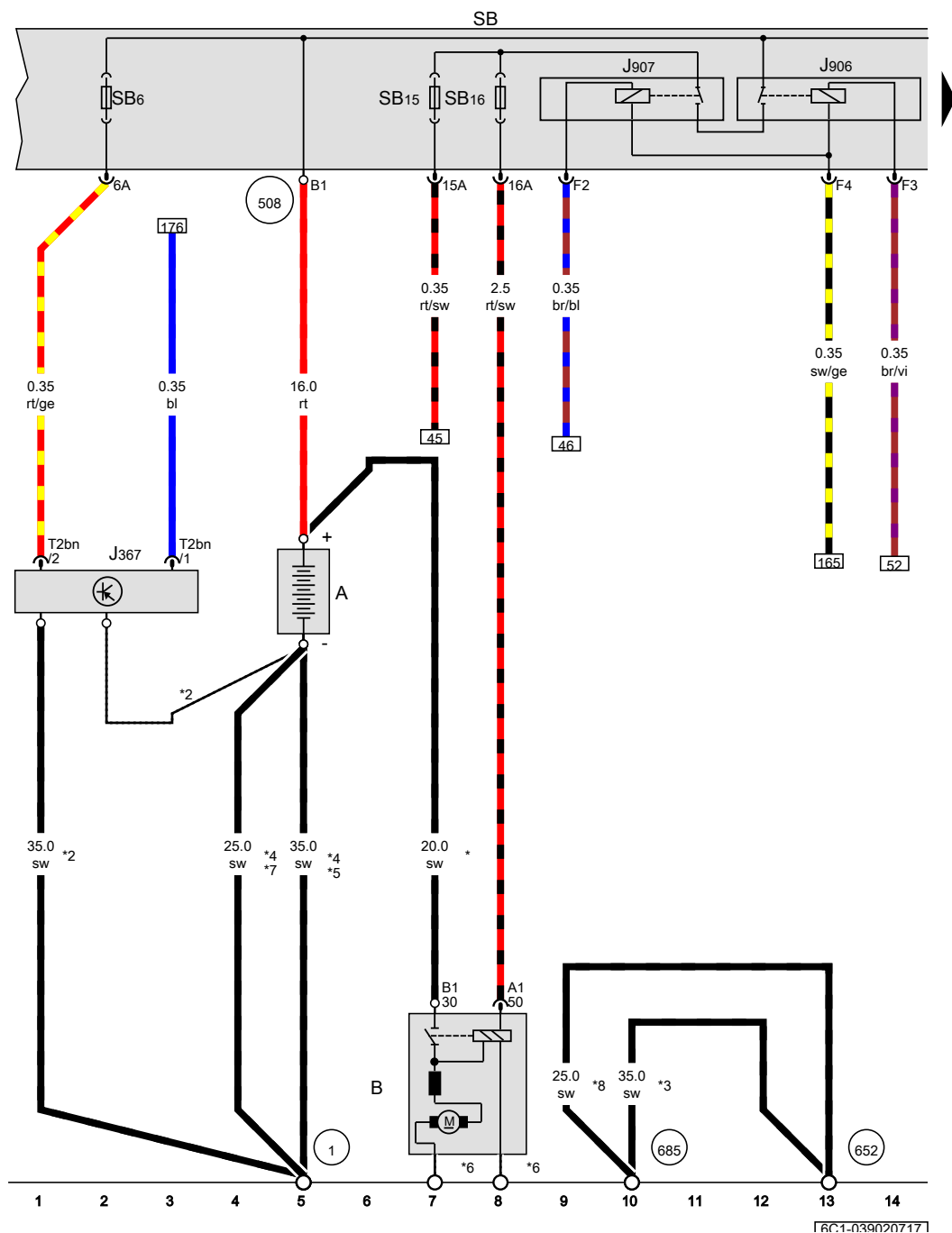
Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Dash panel insert

- CX1 Alternator with voltage regulator
- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- T5b 5-pin connector
- T18 18-pin connector
- TML Coupling point in engine compartment, left
- 238 Earth connection 1, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B698 Connection 3 (LIN bus) 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

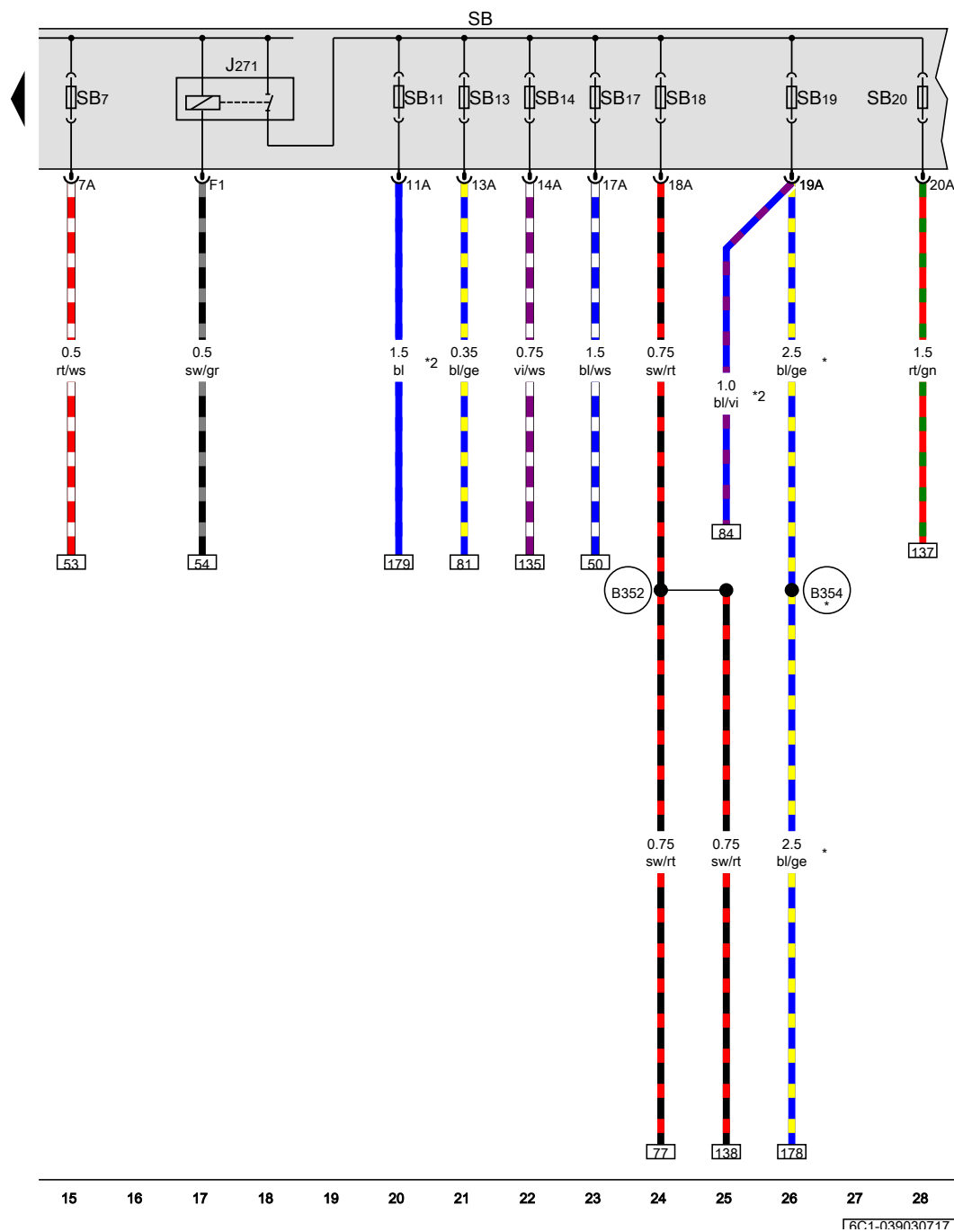
1.0l petrol engine , CHZB,CHZC

From November 2014



Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2bn 2-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- * Cross section depends on equipment
- *2 For models with start/stop system
- *3 Up to June 2016
- *4 For models with no start/stop system
- *5 Up to May 2016
- *6 Earth supply via housing
- *7 From May 2016
- *8 From June 2016



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

B354 Positive connection 5 (87a) in main wiring harness

* Up to May 2016

*2 From May 2016

Start/Stop operation button, Onboard supply control unit

E693 Start/Stop operation button
J519 Onboard supply control unit
L76 Button illumination bulb
T6ss 6-pin connector, black
T46b 46-pin connector, black
T73a 73-pin connector, black
T73c 73-pin connector, black

238 Earth connection 1, in interior wiring harness

278 Earth connection 4, in interior wiring harness

688 Earth point 2, on centre tunnel

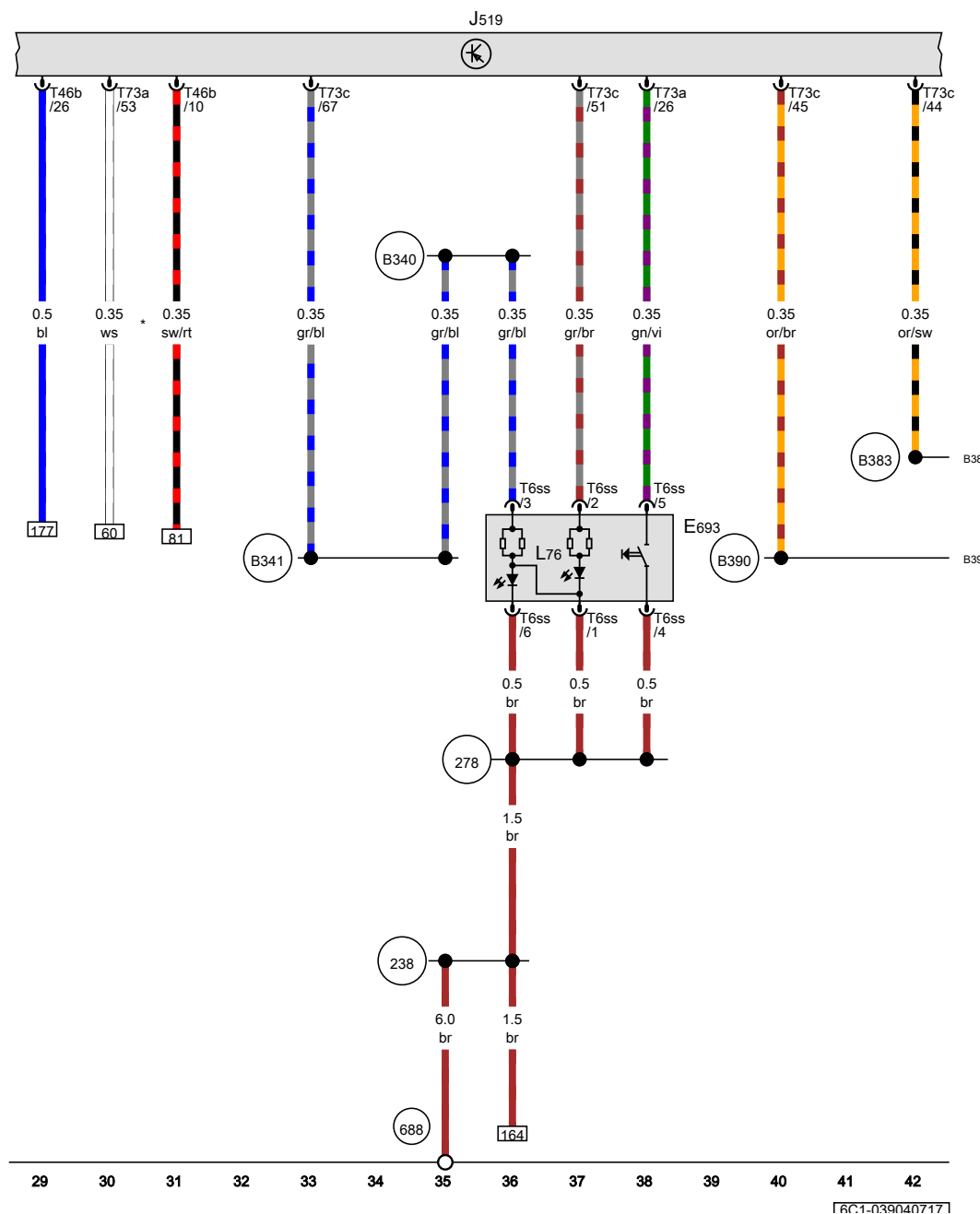
B340 Connection 1 (58d), in main wiring harness

B341 Connection 2 (58d), in main wiring harness

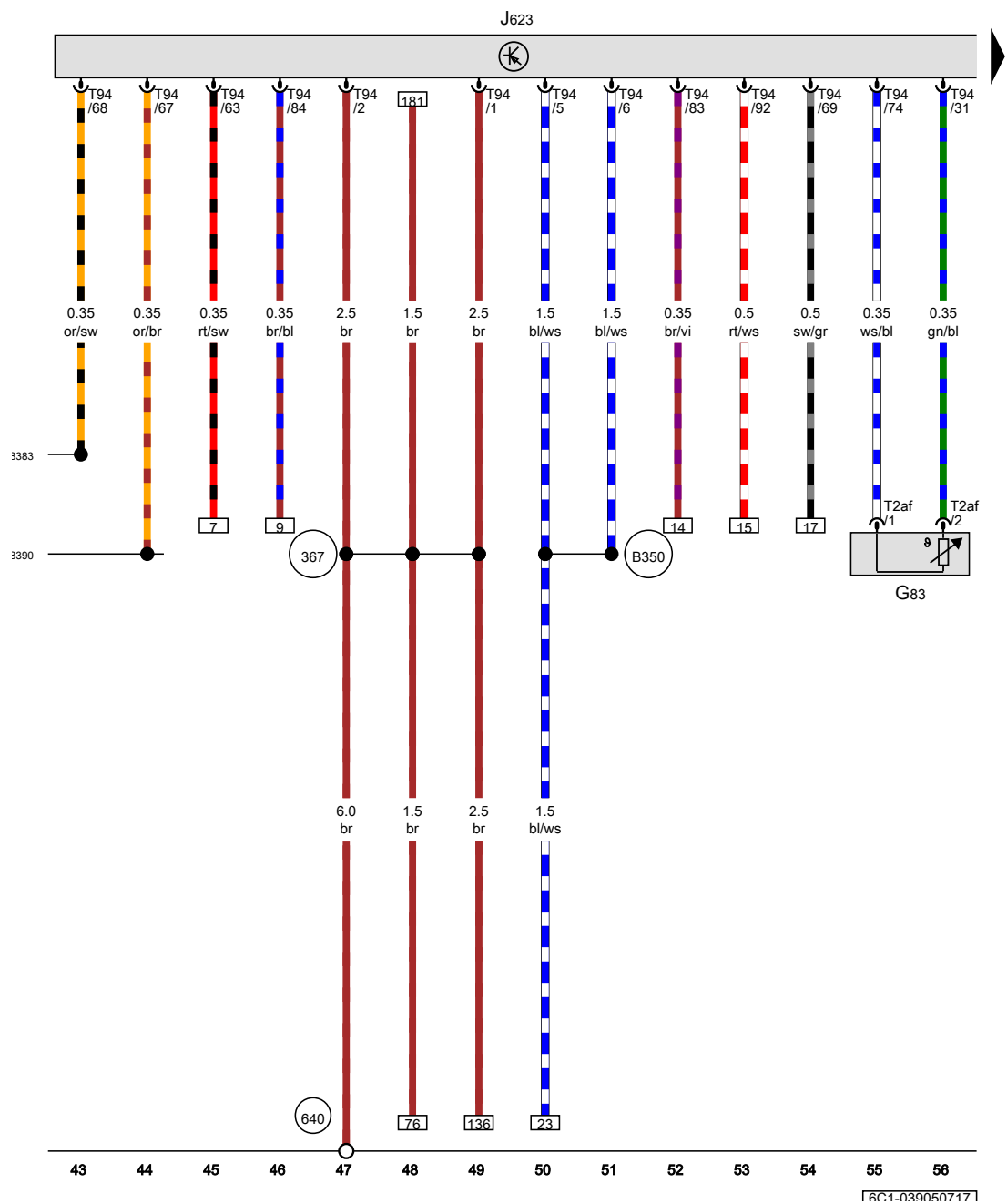
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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

* For models with cruise control system (CCS)



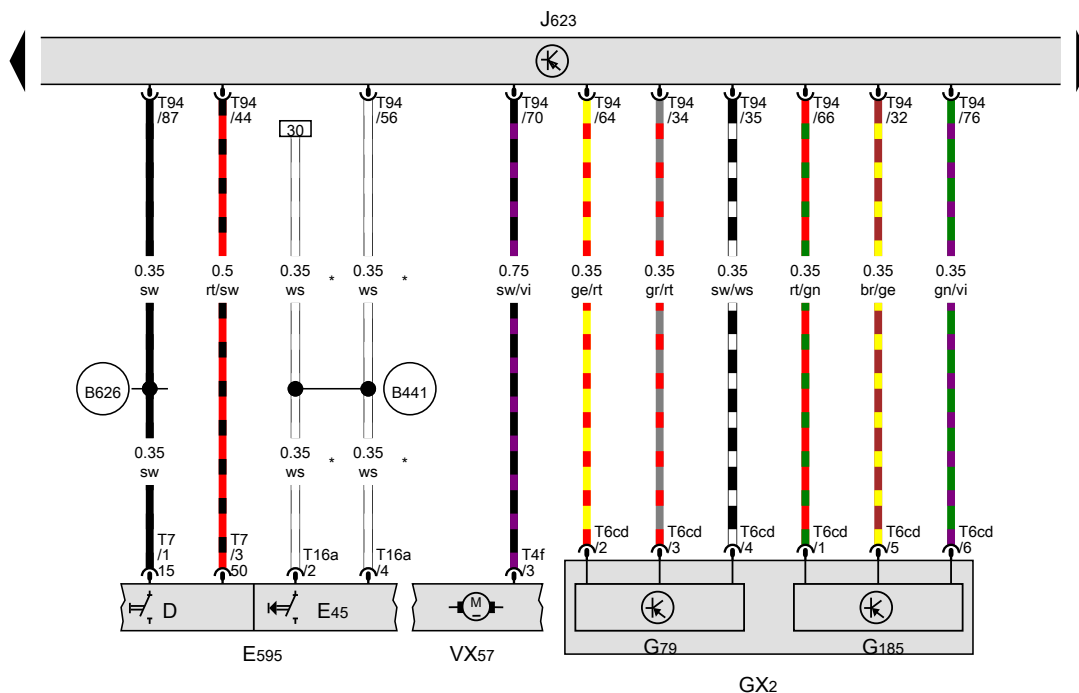
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Radiator outlet coolant temperature sender, Engine/motor control unit

- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- T2af 2-pin connector, black
- T94 94-pin connector, black

- 367 Earth connection 2, in main wiring harness
- 640 Earth point 2, left in engine compartment
- B350 Positive connection 1 (87a) 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



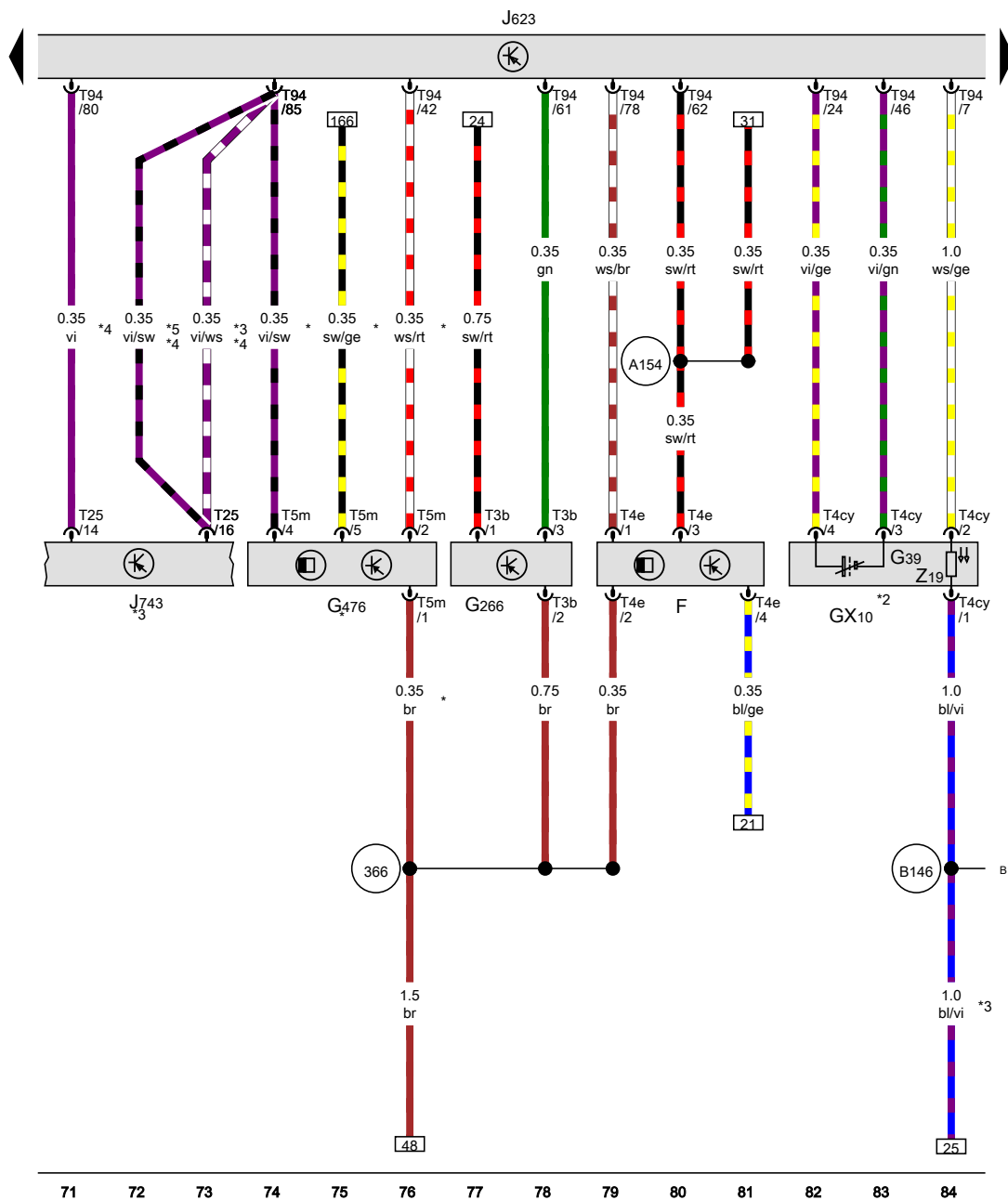
Steering column combination switch, Accelerator pedal module, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4f 4-pin connector, black
- T6cd 6-pin connector, black
- T7 7-pin connector, black
- T16a 16-pin connector, black
- T94 94-pin connector, black
- VX57 Radiator fan
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * For models with cruise control system (CCS)

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

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

16C1-039060717

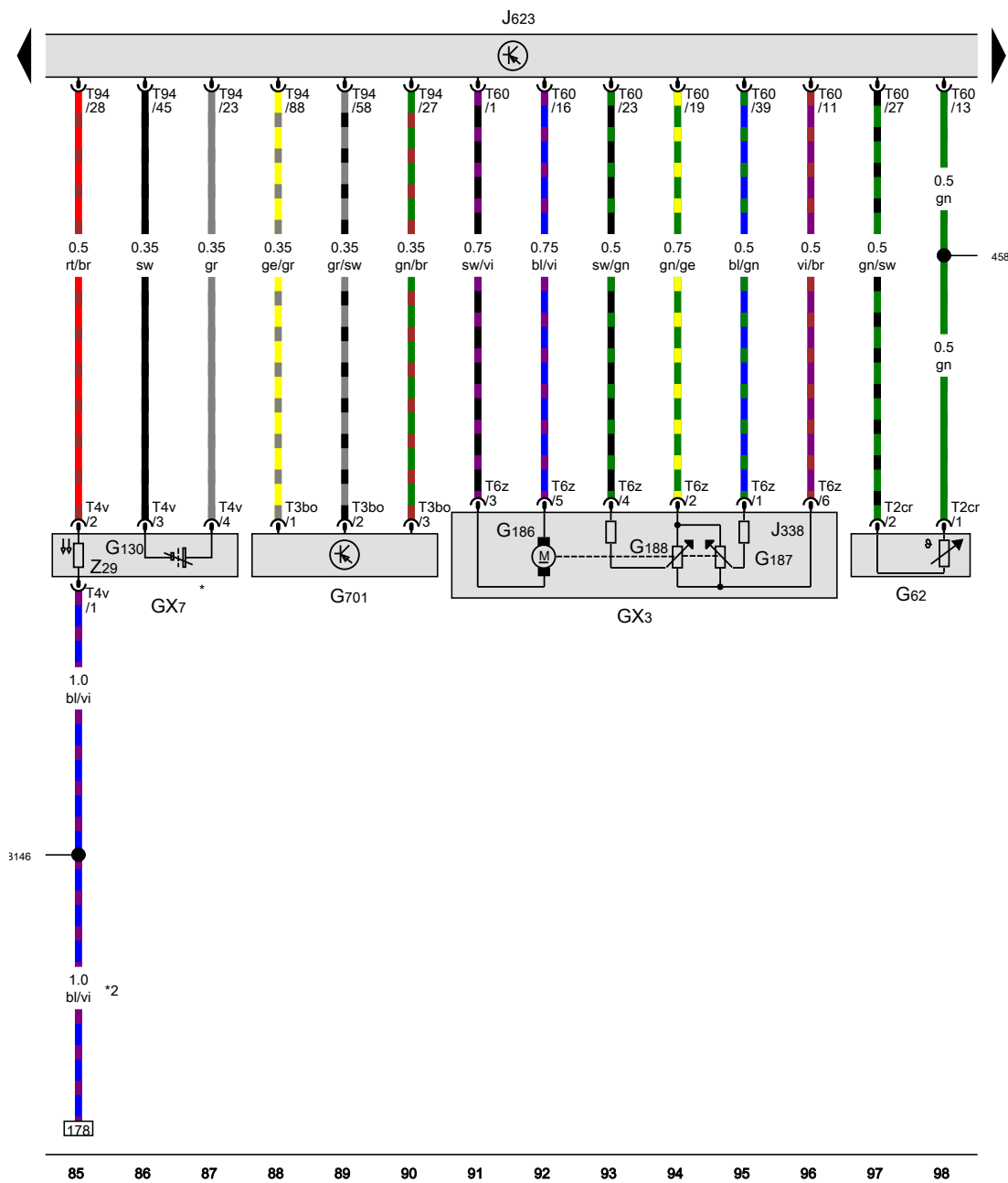


Brake light switch, Lambda probe 1 before catalytic converter, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector, black
- T4cy 4-pin connector, brown
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- B146 Positive connection 1 (87), in interior wiring harness
- * For models with manual gearbox
- *2 Pre-wired component
- *3 From May 2016
- *4 For models with dual clutch gearbox 0AM
- *5 Up to May 2016

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 or = orange
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16C1-039070717



Throttle valve module, Lambda probe 1 after catalytic converter, Coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit

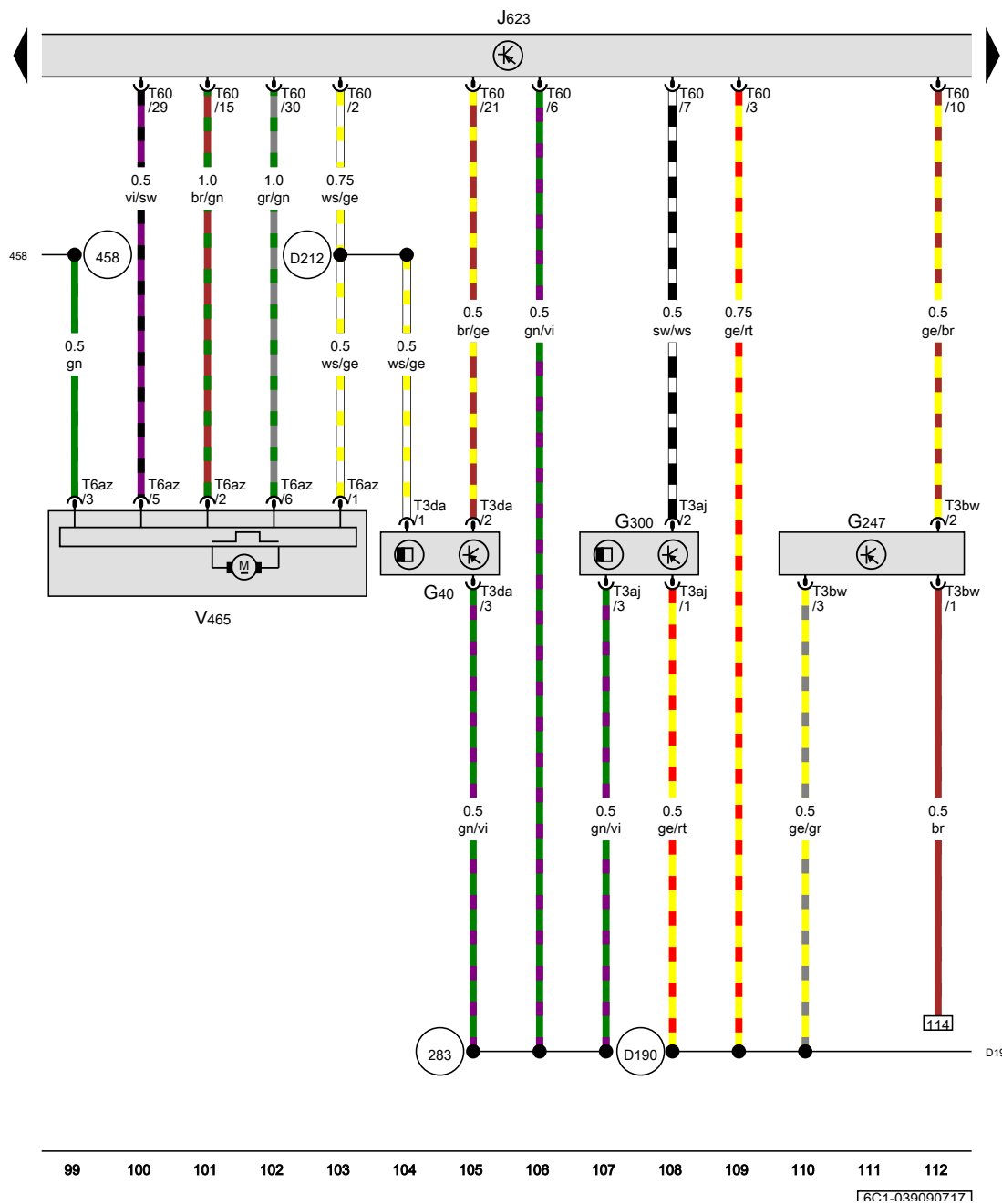
- GX3 Throttle valve module
- GX7 Lambda probe 1 after catalytic converter
- G62 Coolant temperature sender
- G130 Lambda probe after catalytic converter
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2cr 2-pin connector, black
- T3bo 3-pin connector, brown
- T4v 4-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter

458 Earth point 3, engine prewiring harness

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

- * Pre-wired component
- *2 Up to May 2016

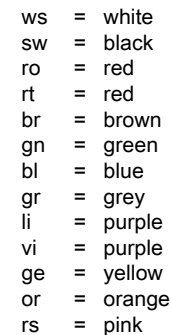
- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



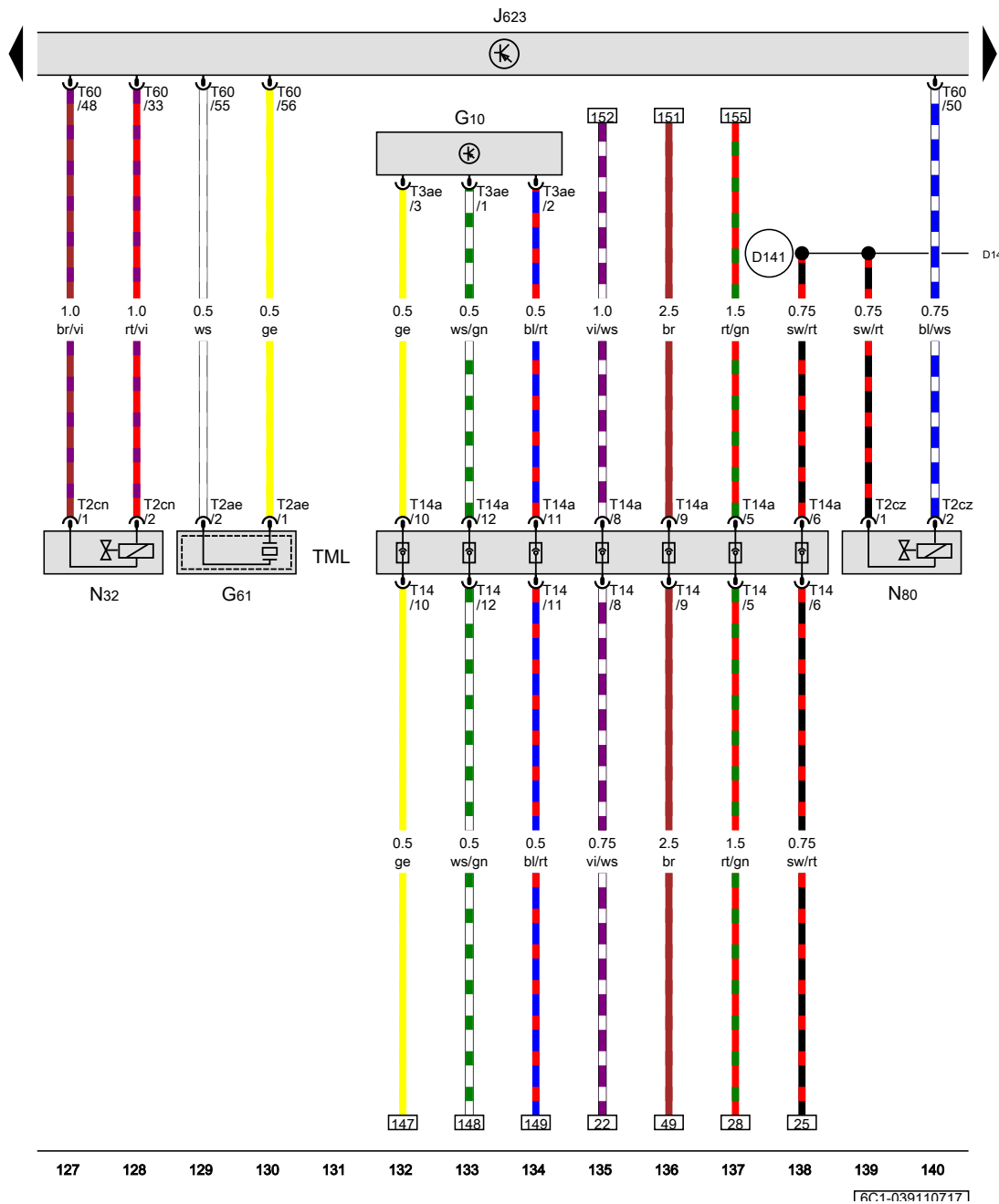
Hall sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3aj 3-pin connector, black
- T3bw 3-pin connector, black
- T3da 3-pin connector, black
- T6az 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner

- 283 Earth point 2, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness
- D212 Connection 4 (5V) in engine prewiring harness

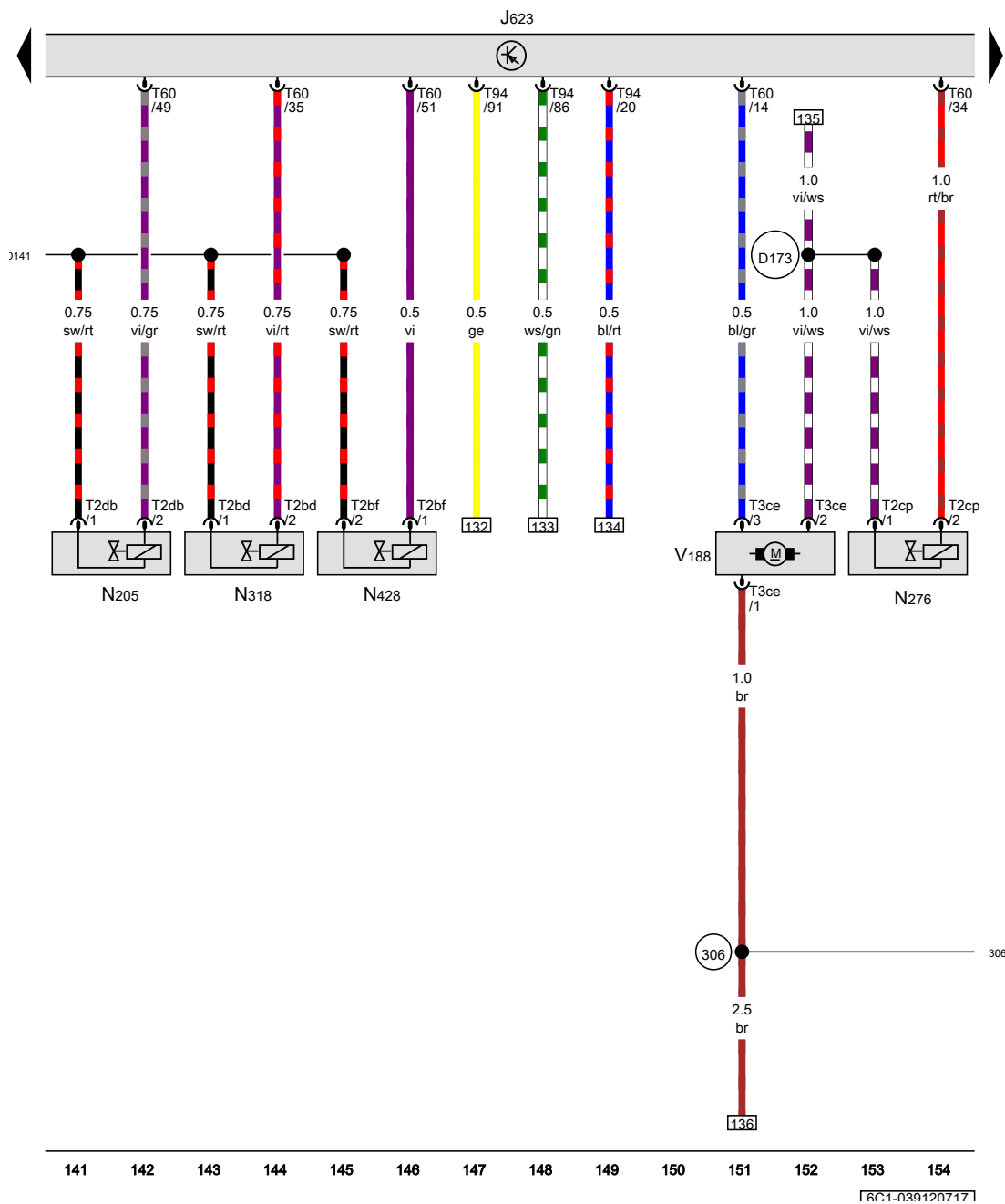


(D190) Connection 3 (5V) in engine prewiring harness



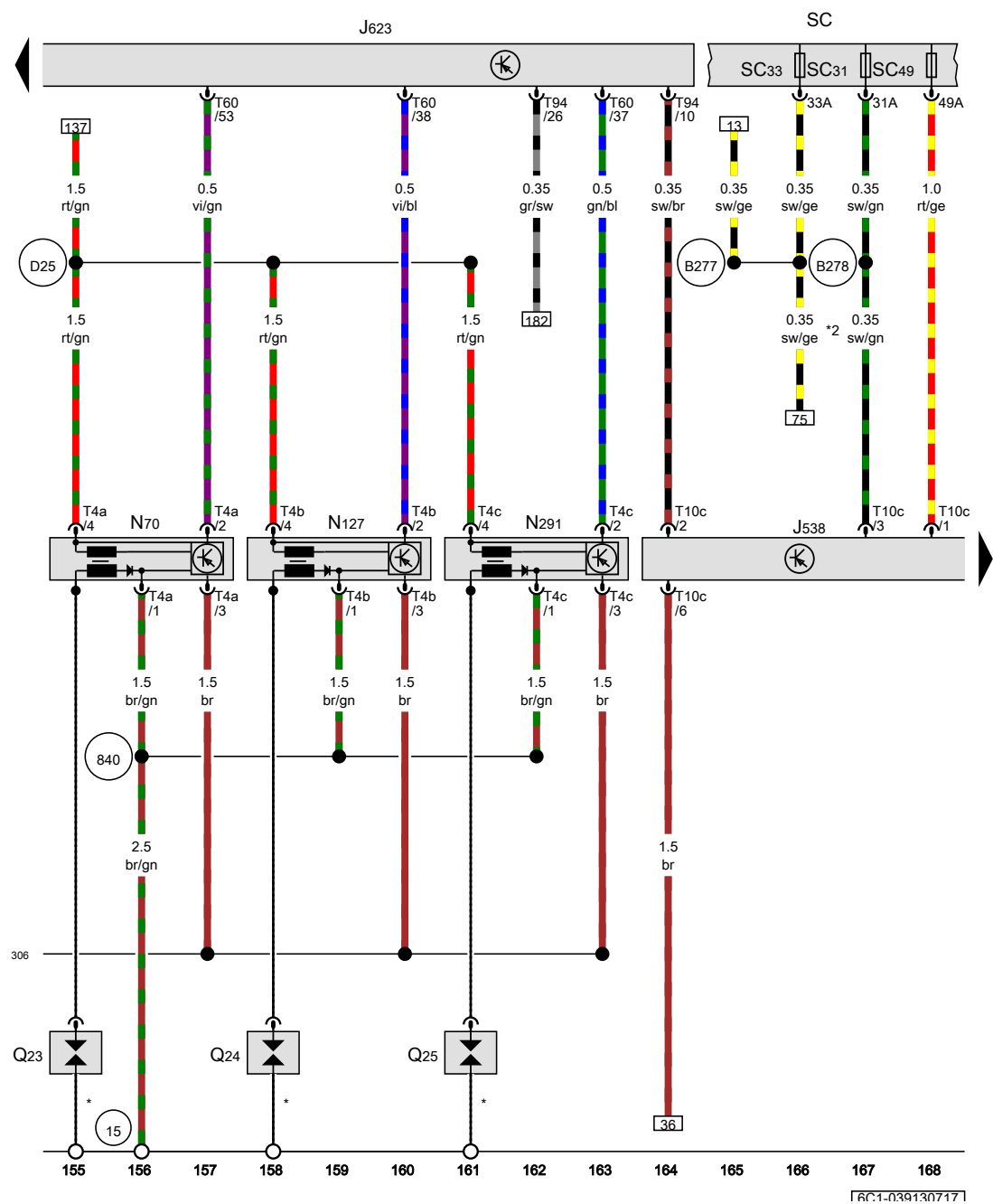
Oil pressure sender, Knock sensor 1, Engine/motor control unit, Injector, cylinder 3, Activated charcoal filter solenoid valve 1

- G10 Oil pressure sender
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N32 Injector, cylinder 3
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector, black
- T2cn 2-pin connector, black
- T2cz 2-pin connector, black
- T3ae 3-pin connector, black
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T60 60-pin connector, black
- TML Coupling point in engine compartment, left
- D141 Connection (5V) in engine prewiring harness



Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Exhaust camshaft control valve 1, Valve for oil pressure control, Charge air cooling pump

- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- T2bd 2-pin connector, black
- T2bf 2-pin connector, black
- T2cp 2-pin connector, yellow
- T2db 2-pin connector, yellow
- T3ce 3-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V188 Charge air cooling pump
- 306 Earth connection (ignition coils), in engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D173 Connection (87), in engine prewiring harness



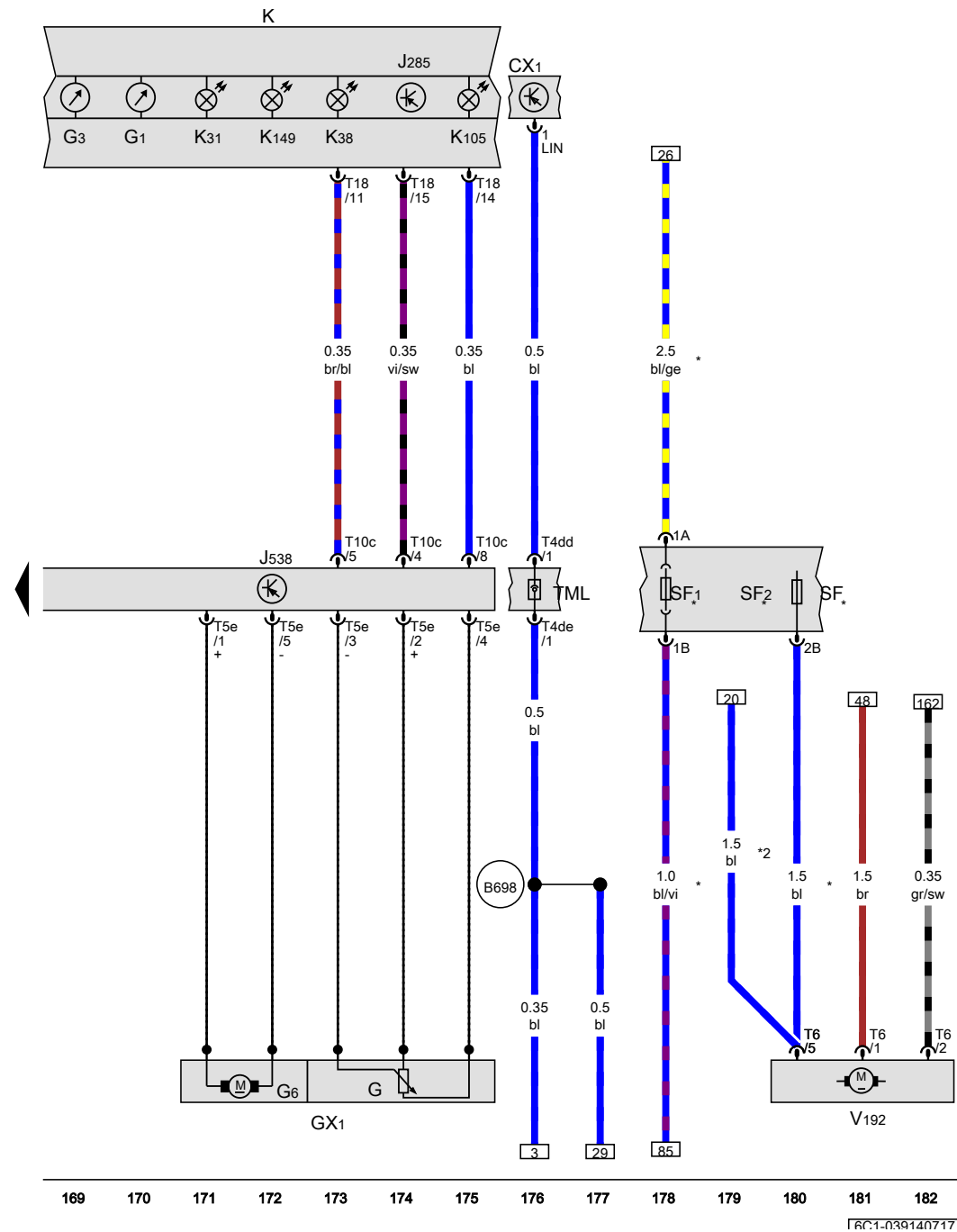
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

- J538 Fuel pump control unit
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- SC Fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T10c 10-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 840 Earth connection (engine earth), in engine prewiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D25 Positive connection (15), in engine prewiring harness

- * Earth supply via housing
- *2 For models with manual gearbox

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



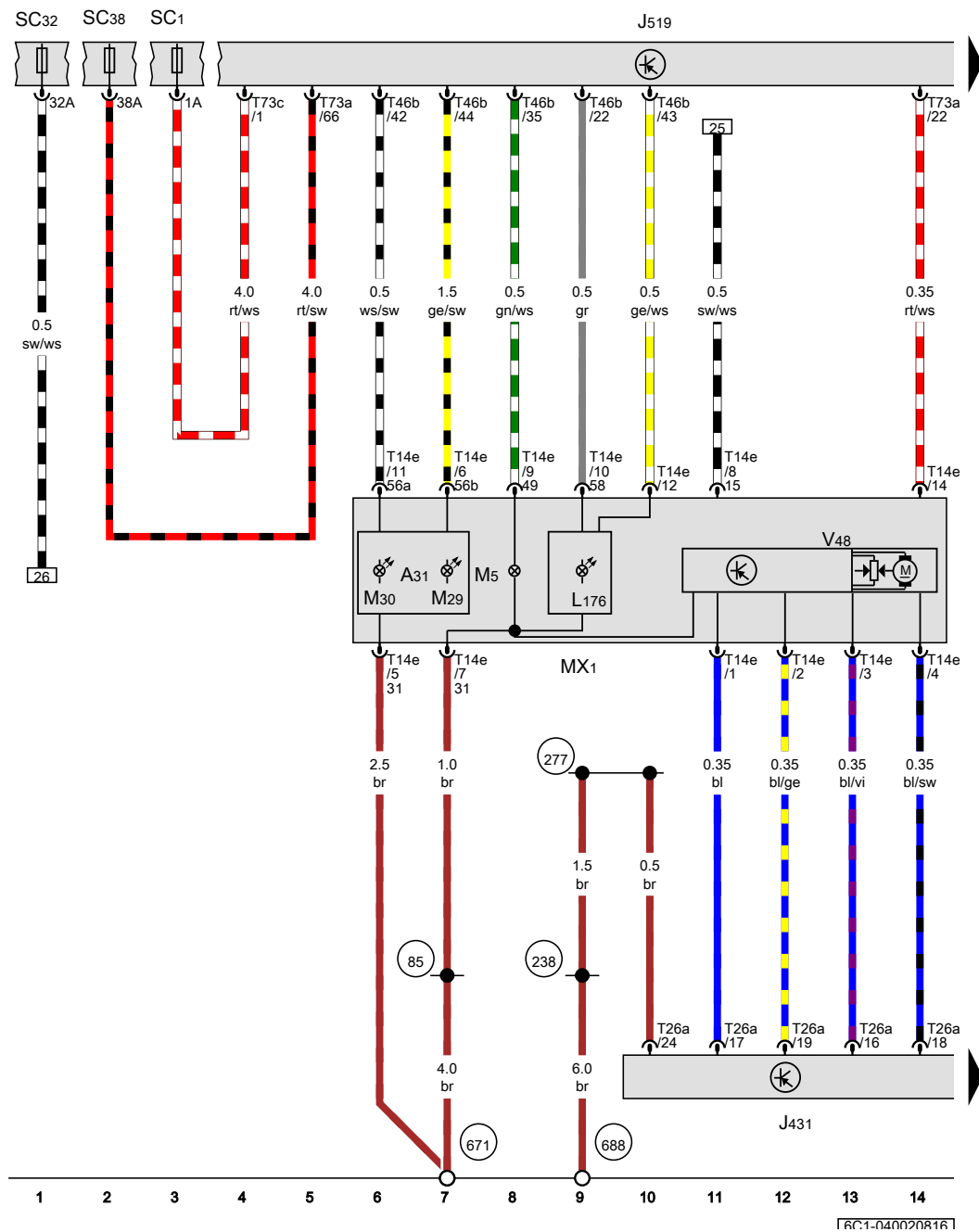
Fuel delivery unit, Fuel gauge, Coolant temperature gauge, Fuel system pressurisation pump, Dash panel insert

- CX1 Alternator with voltage regulator
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- SF2 Fuse 2 in fuse holder F
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- T5e 5-pin connector, black
- T6 6-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector, black
- TML Coupling point in engine compartment, left
- V192 Vacuum pump for brakes
- B698 Connection 3 (LIN bus) in main wiring harness
- * Up to May 2016
- *2 From May 2016

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- gn = green
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- rs = pink

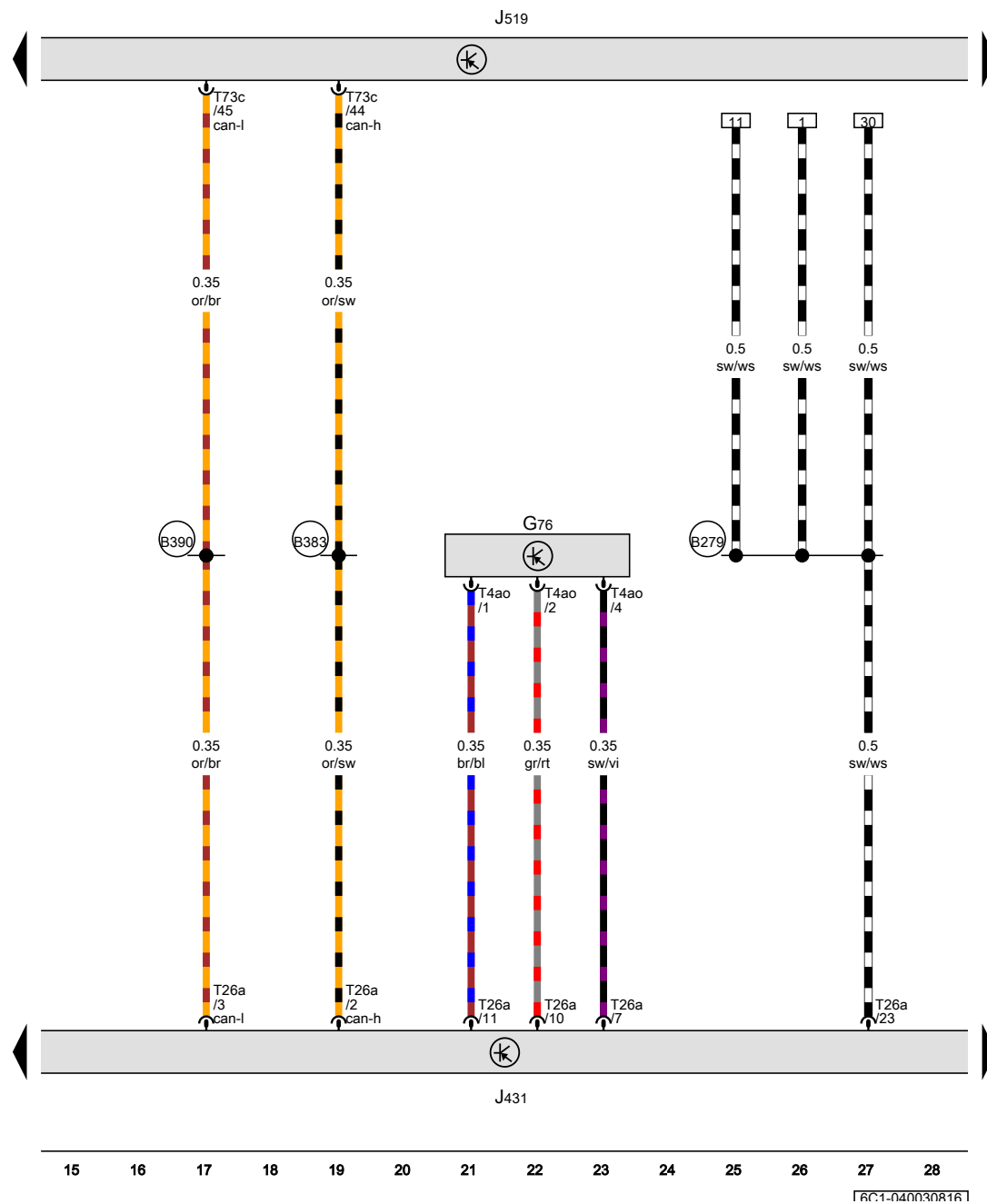
LED headlights , (8IT)

From November 2014



Output module 1 for left LED headlight, Headlight range control unit, Onboard supply control unit, Front left headlight, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

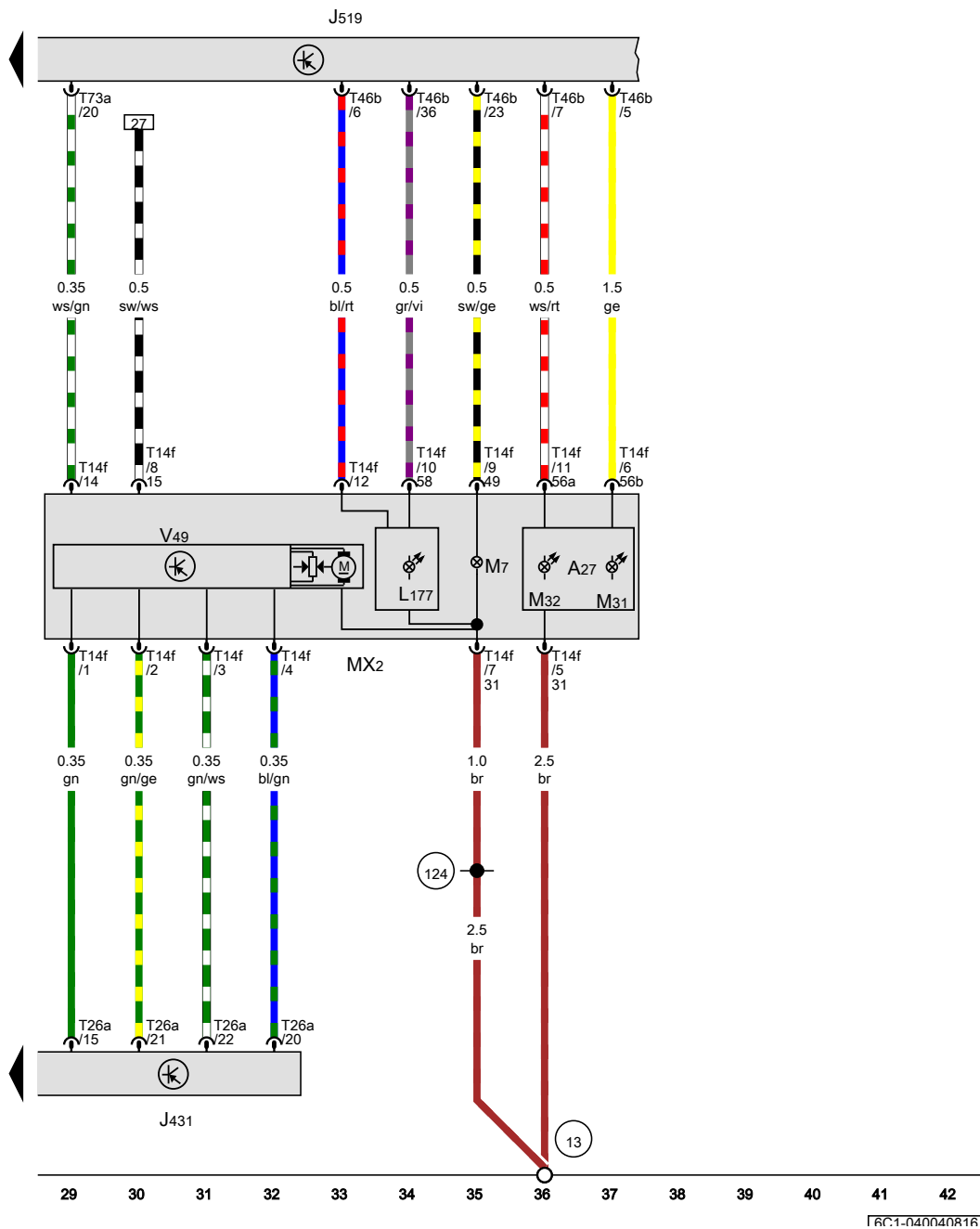
- A31 Output module 1 for left LED headlight
- J431 Headlight range control unit
- J519 Onboard supply control unit
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC1 Fuse 1 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T14e 14-pin connector, black
- T26a 26-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- V48 Left headlight range control motor
- 85 Earth connection 1, in engine compartment wiring harness
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 688 Earth point 2, on centre tunnel



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

- G76 Rear left vehicle level sender
- J431 Headlight range control unit
- J519 Onboard supply control unit
- T4ao 4-pin connector, black
- T26a 26-pin connector, black
- T73c 73-pin connector, black

- B279 Positive connection 3 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



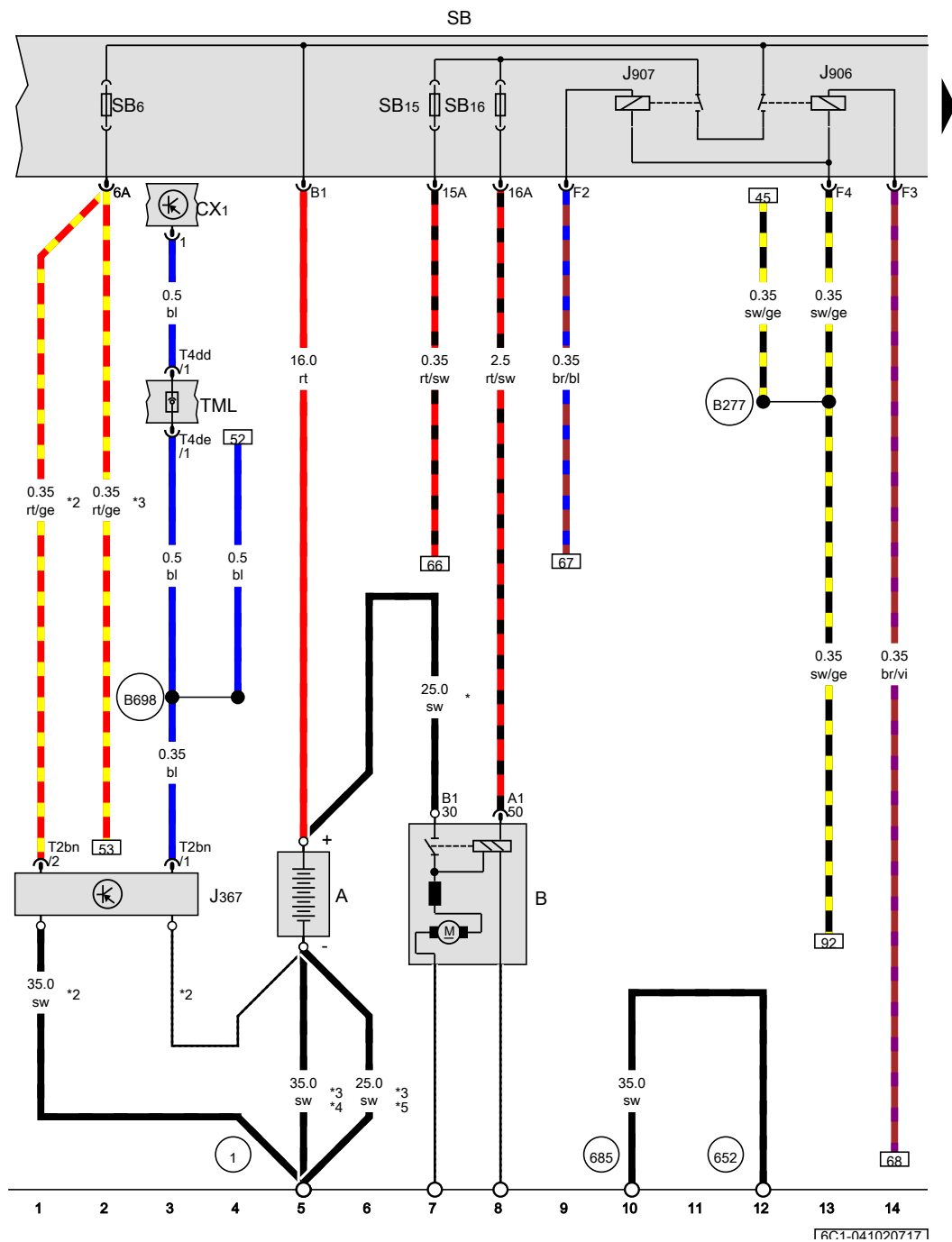
Output module 1 for right LED headlight, Headlight range control unit, Onboard supply control unit, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

- A27 Output module 1 for right LED headlight
- J431 Headlight range control unit
- J519 Onboard supply control unit
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T14f 14-pin connector, black
- T26a 26-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V49 Right headlight range control motor

- 13 Earth point, on right in engine compartment
- 124 Earth connection, in right side engine compartment wiring harness

1.4l diesel engine , CYZA,CYZB

From May 2015



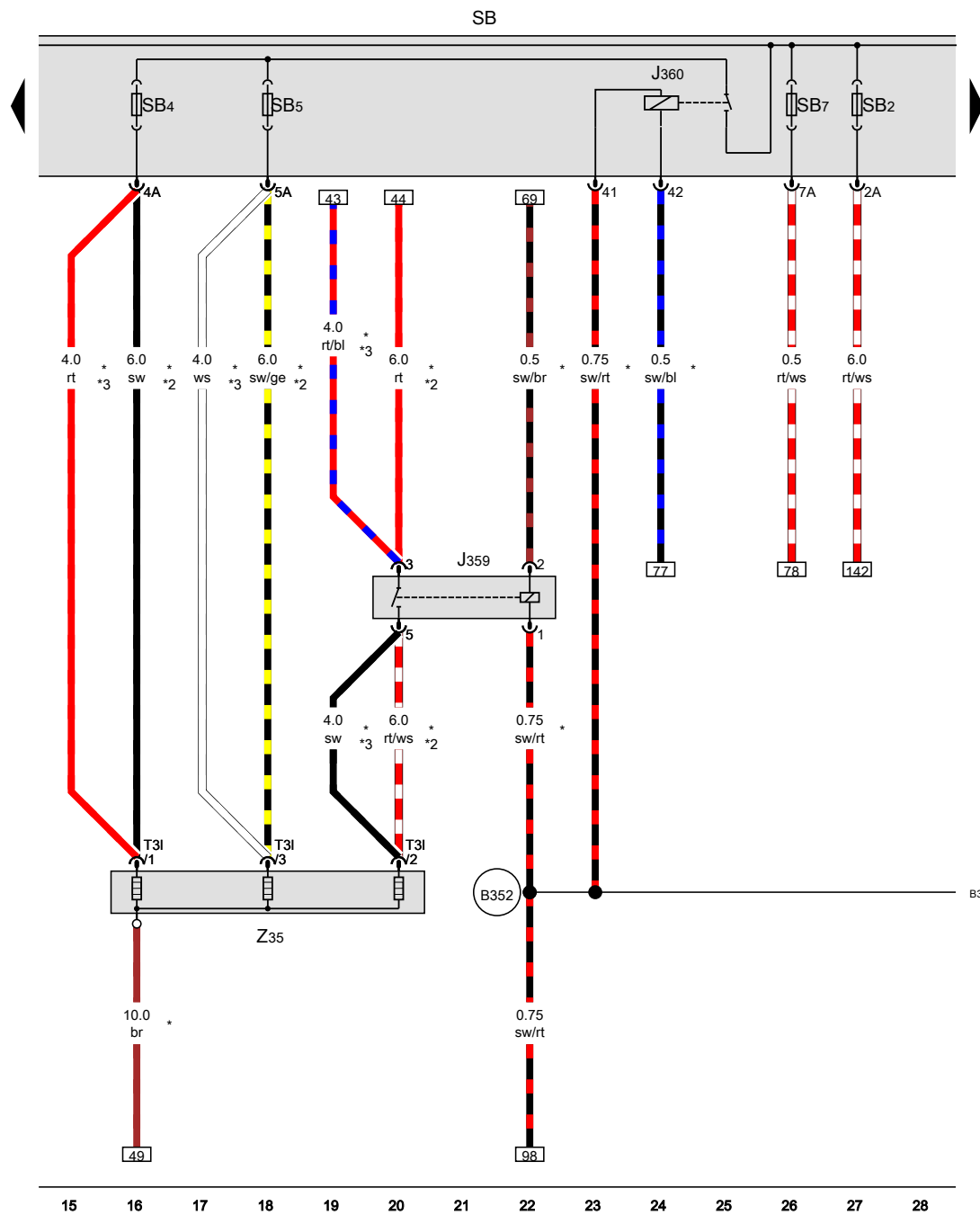
Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2bn 2-pin connector, black
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

- * Cross section depends on equipment
- *2 For models with start/stop system
- *3 For models with no start/stop system
- *4 Up to May 2016
- *5 From May 2016

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- br = brown
- gn = green
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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



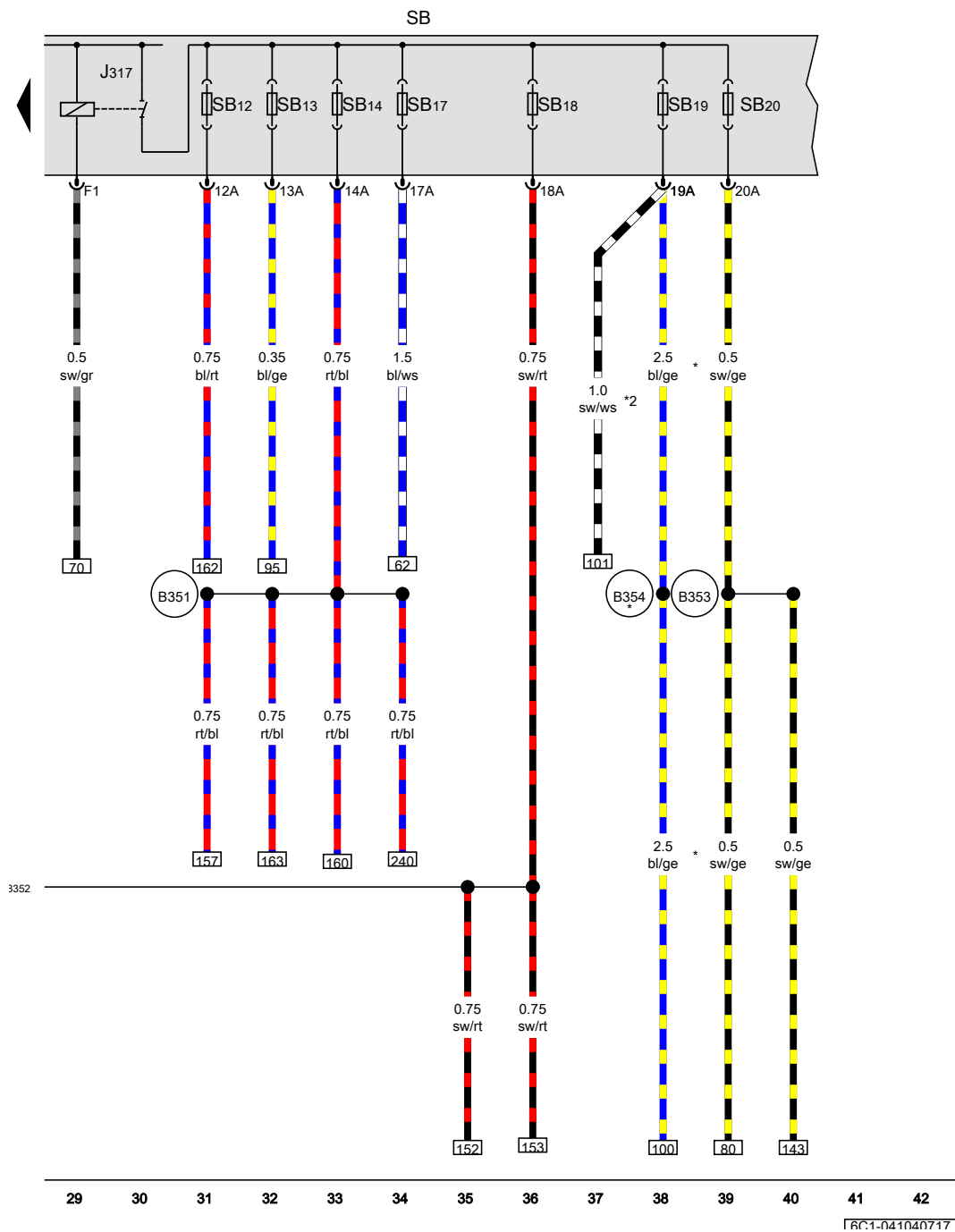
High heat output relay, Fuse holder B, Auxiliary air heater element

- J359 Low heat output relay
- J360 High heat output relay
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- T31 3-pin connector, black
- Z35 Auxiliary air heater element

B352 Positive connection 3 (87a) in main wiring harness

- * For models with auxiliary air heating
- *2 Up to May 2016
- *3 From May 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



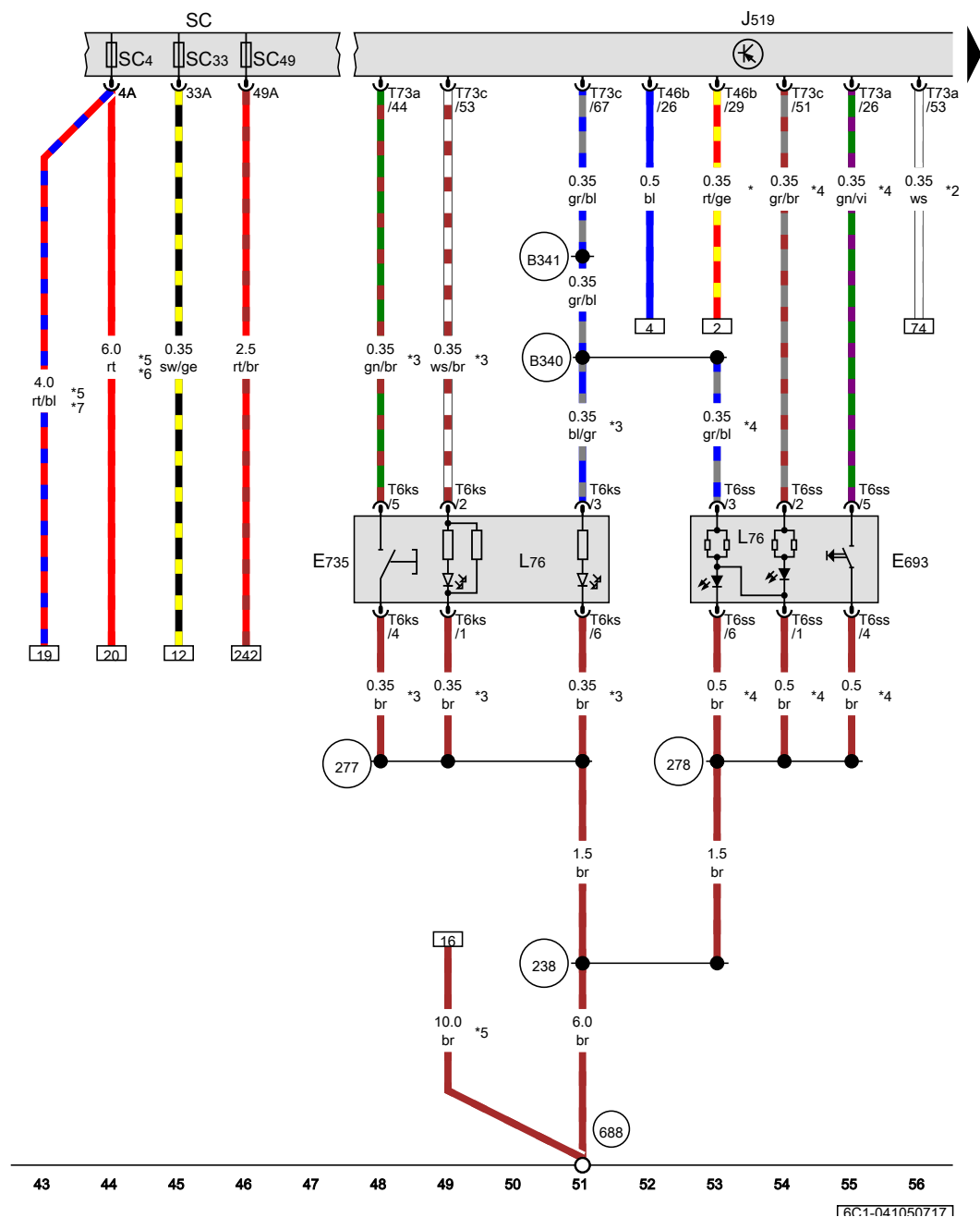
Terminal 30 voltage supply relay, Fuse holder B

- J317 Terminal 30 voltage supply relay
- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

- B351 Positive connection 2 (87a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness

* Up to May 2016
*2 From May 2016

Start/Stop operation button, Driving mode selection button,
Onboard supply control unit, Fuse holder C

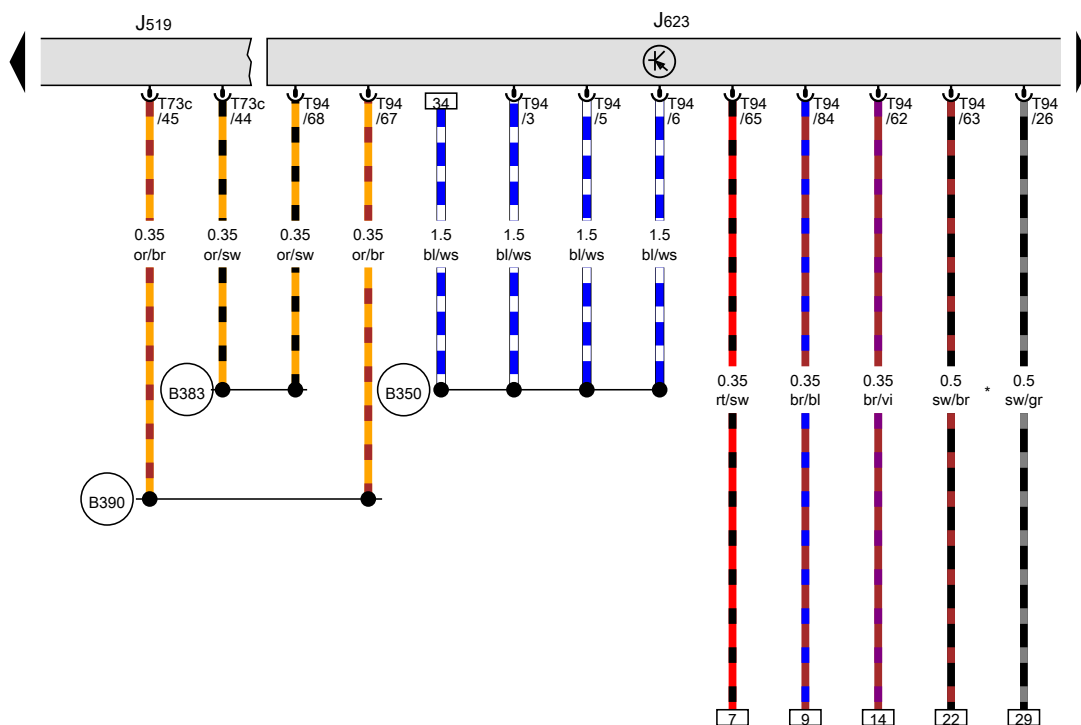


- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T6ks 6-pin connector, green
- T6ss 6-pin connector, black
- T46b 46-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness

- * For models with no start/stop system
- *2 For models with cruise control system (CCS)
- *3 According to equipment
- *4 For models with start/stop system
- *5 For models with auxiliary air heating
- *6 Up to May 2016
- *7 From May 2016

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Onboard supply control unit, Engine/motor control unit

J519 Onboard supply control unit

J623 Engine/motor control unit

T73c 73-pin connector, black

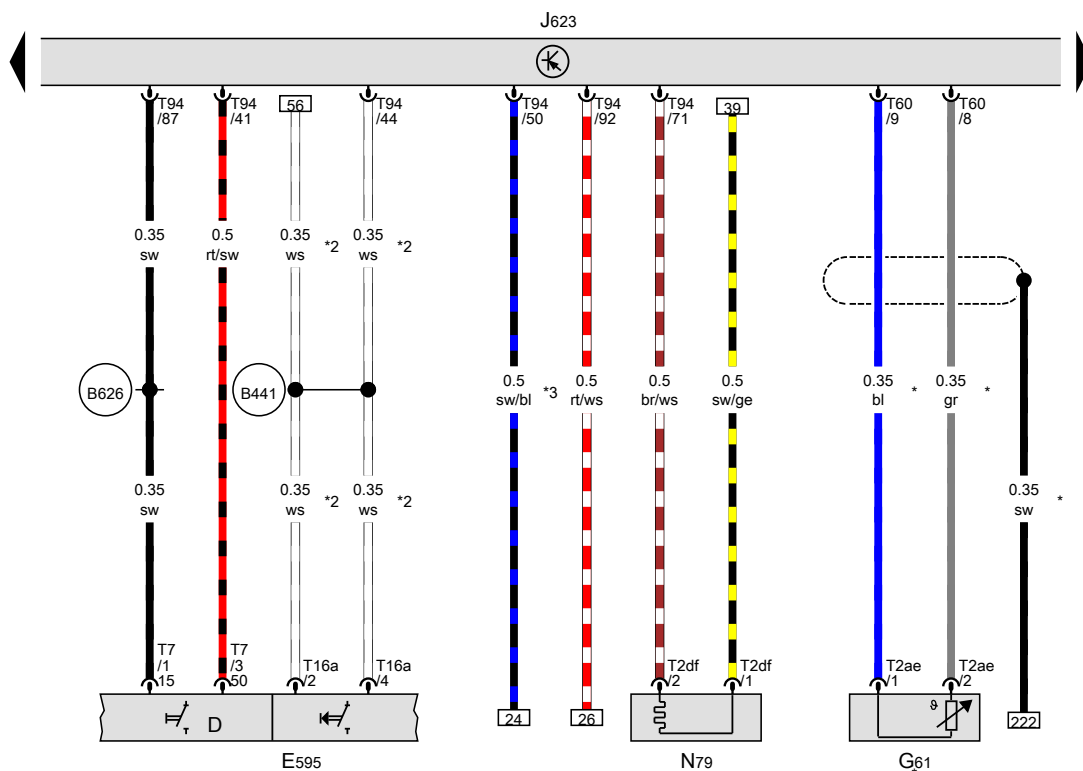
T94 94-pin connector, black

B350 Positive connection 1 (87a) 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

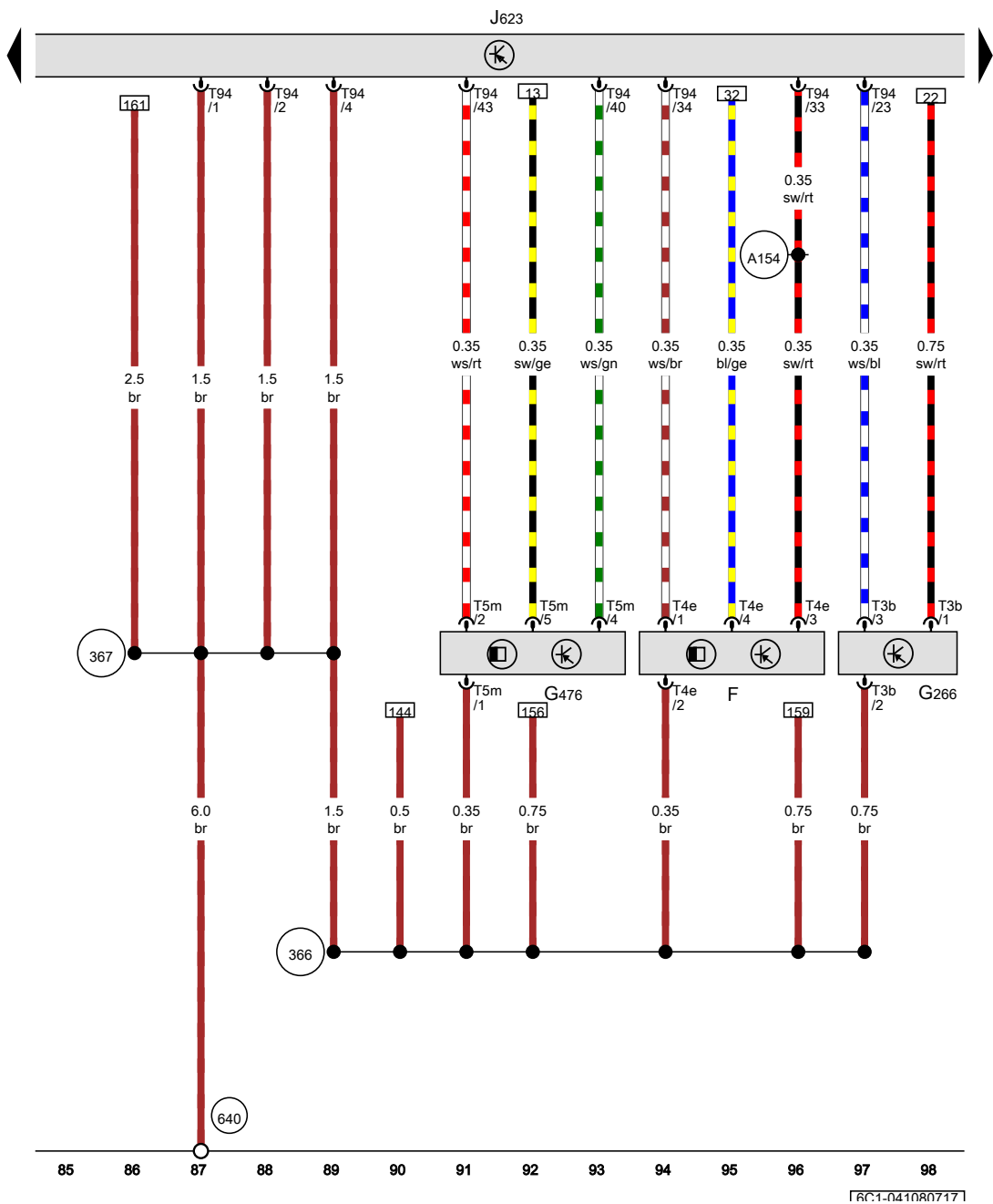
* For models with auxiliary air heating



Steering column combination switch, Knock sensor 1,
Engine/motor control unit, Heater element for crankcase
breather

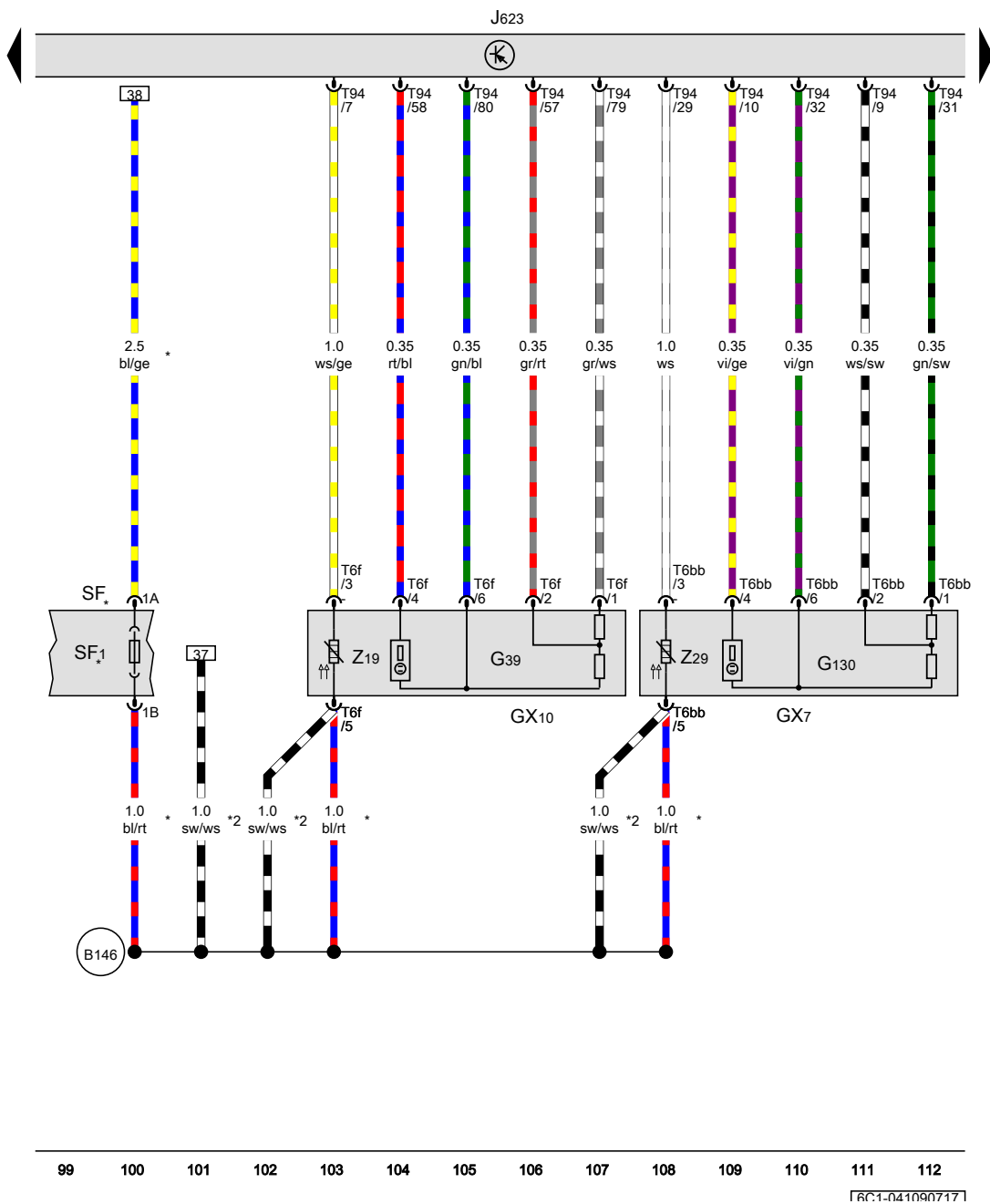
- D Ignition/starter switch
- E595 Steering column combination switch
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N79 Heater element for crankcase breather
- T2ae 2-pin connector, black
- T2df 2-pin connector, black
- T7 7-pin connector, black
- T16a 16-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- B441 Connection (CCS), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- * Up to May 2016
- *2 For models with cruise control system (CCS)
- *3 For models with auxiliary air heating

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



Brake light switch, Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit

- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3b 3-pin connector, black
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T94 94-pin connector, black
- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 640 Earth point 2, left in engine compartment
- A154 Connection (brake pedal switch), in dash panel wiring harness



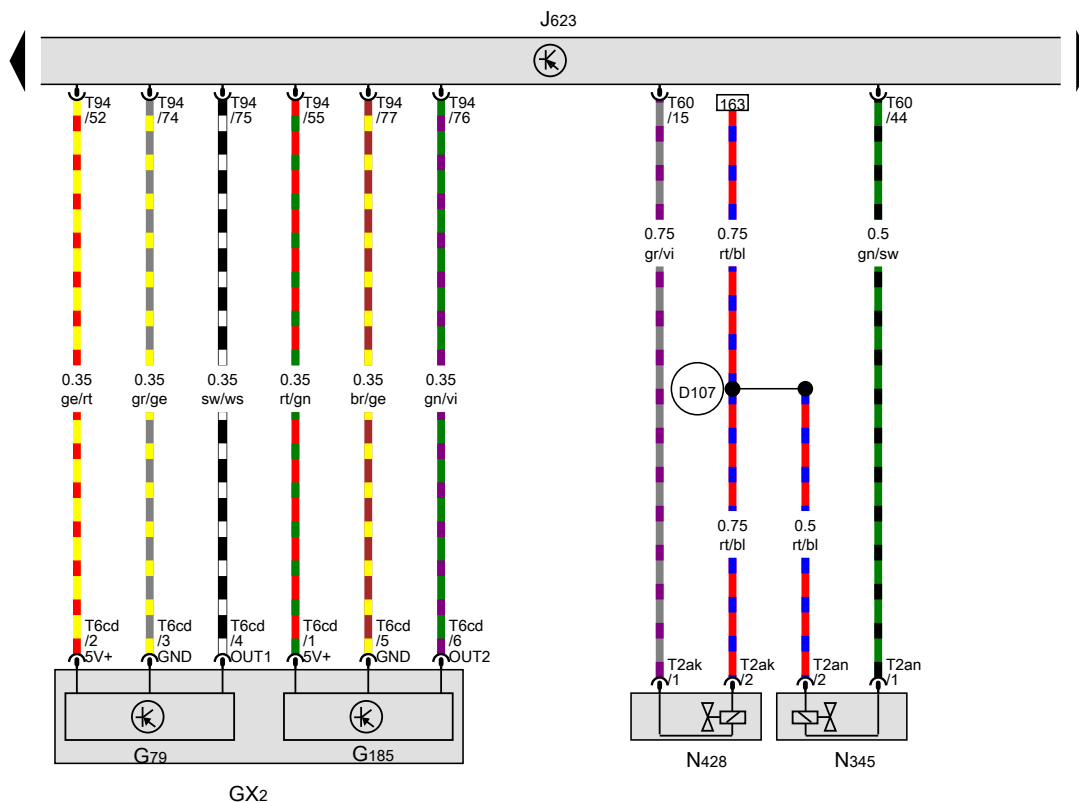
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- SF Fuse holder F
- SF1 Fuse 1 in fuse holder F
- T6bb 6-pin connector, brown
- T6f 6-pin connector, brown
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

* Up to May 2016

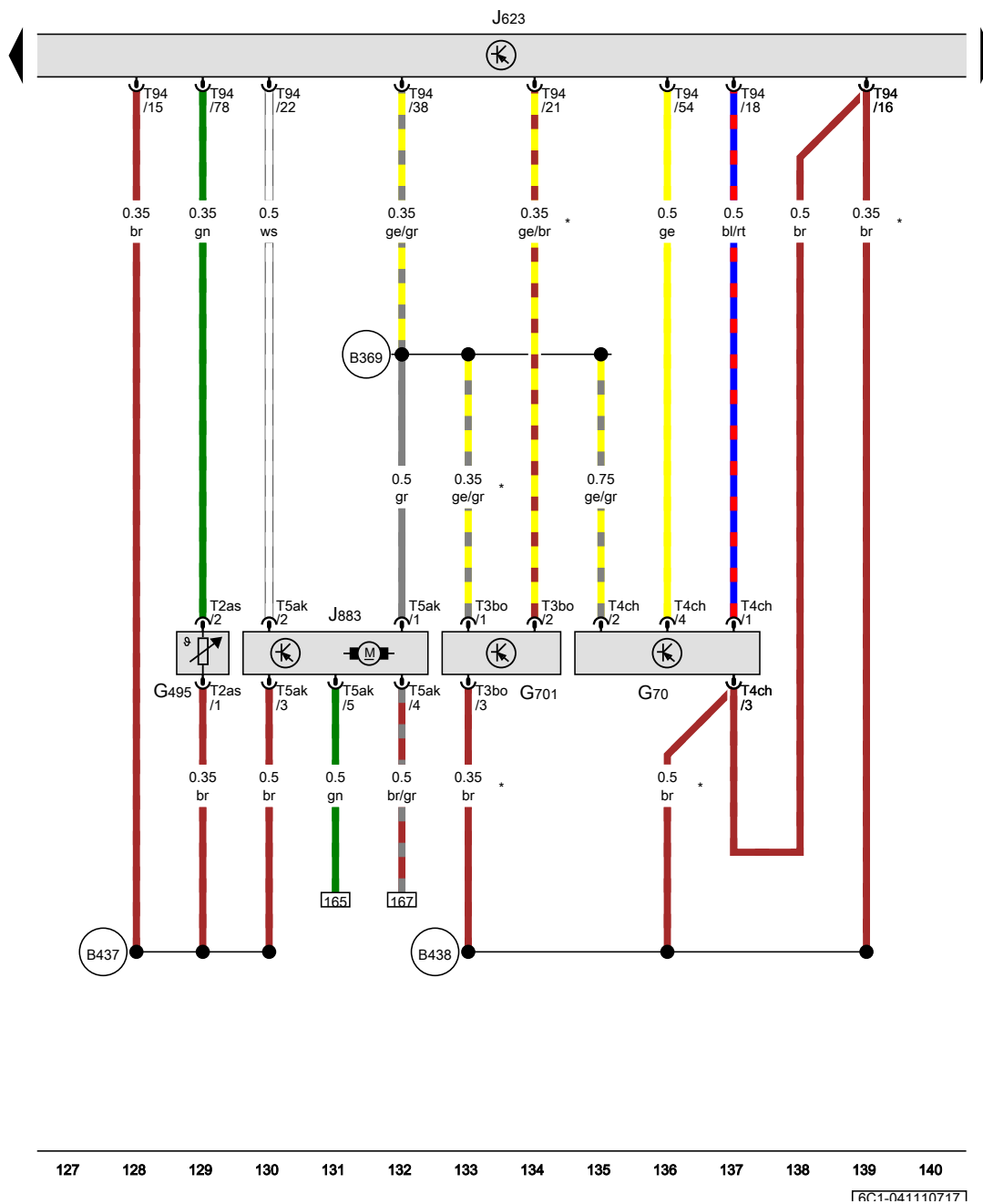
*2 From May 2016



Accelerator pedal module, Engine/motor control unit, Exhaust gas recirculation cooler changeover valve, Valve for oil pressure control

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- N345 Exhaust gas recirculation cooler changeover valve
- N428 Valve for oil pressure control
- T2ak 2-pin connector, black
- T2an 2-pin connector, brown
- T6cd 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- D107 Connection 5 in engine compartment wiring harness

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



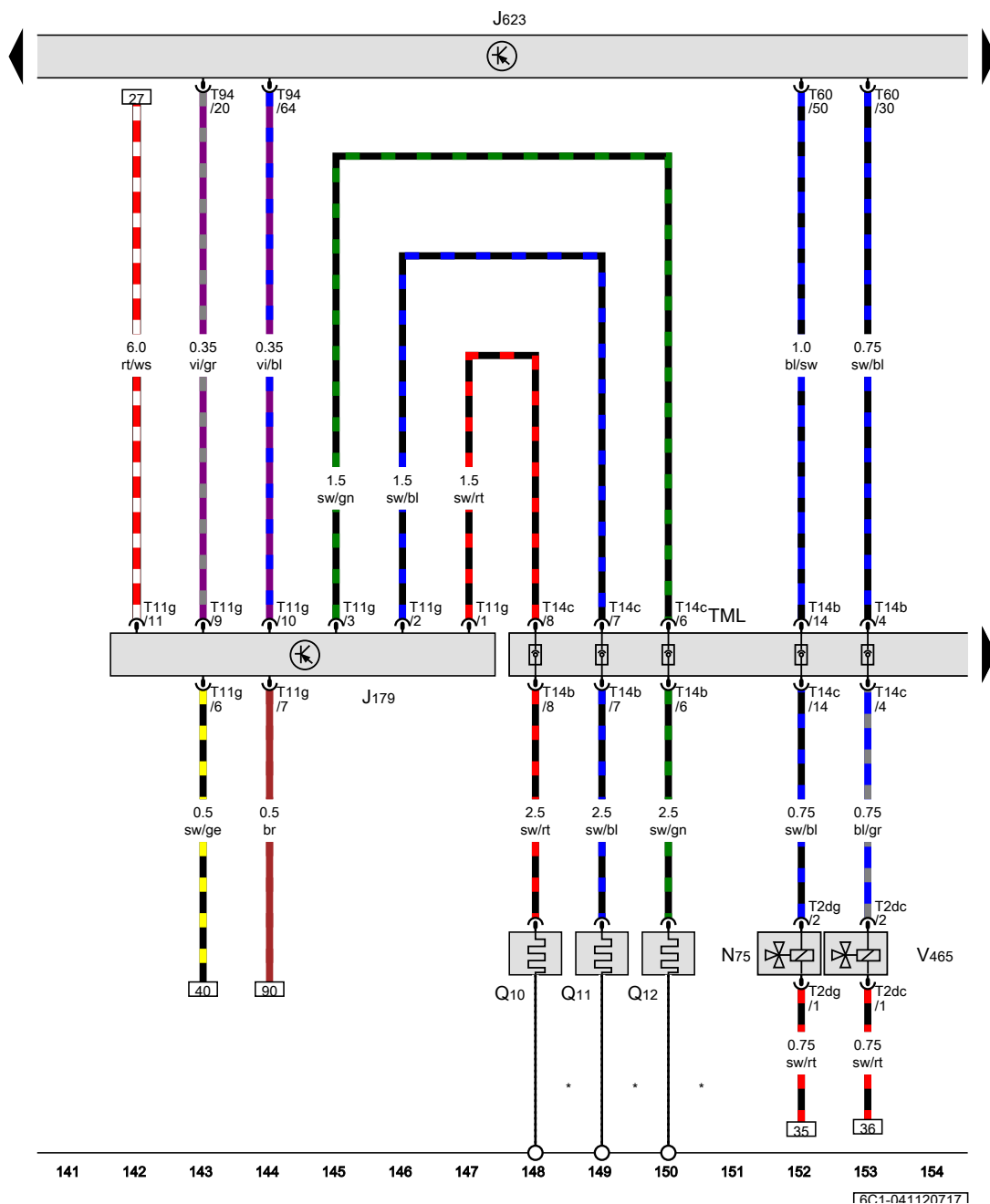
Air mass meter, Exhaust gas temperature sender 3,
Gearbox neutral position sender, Engine/motor control unit,
Exhaust flap control unit

- G70 Air mass meter
- G495 Exhaust gas temperature sender 3
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2as 2-pin connector, brown
- T3bo 3-pin connector, brown
- T4ch 4-pin connector, black
- T5ak 5-pin connector, black
- T94 94-pin connector, black

- B369 Connection 1 (5V), in main wiring harness
- B437 Connection 1 (GND (earth)), in main wiring harness
- B438 Connection 2 (GND (earth)), in main wiring harness

* For models with start/stop system

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

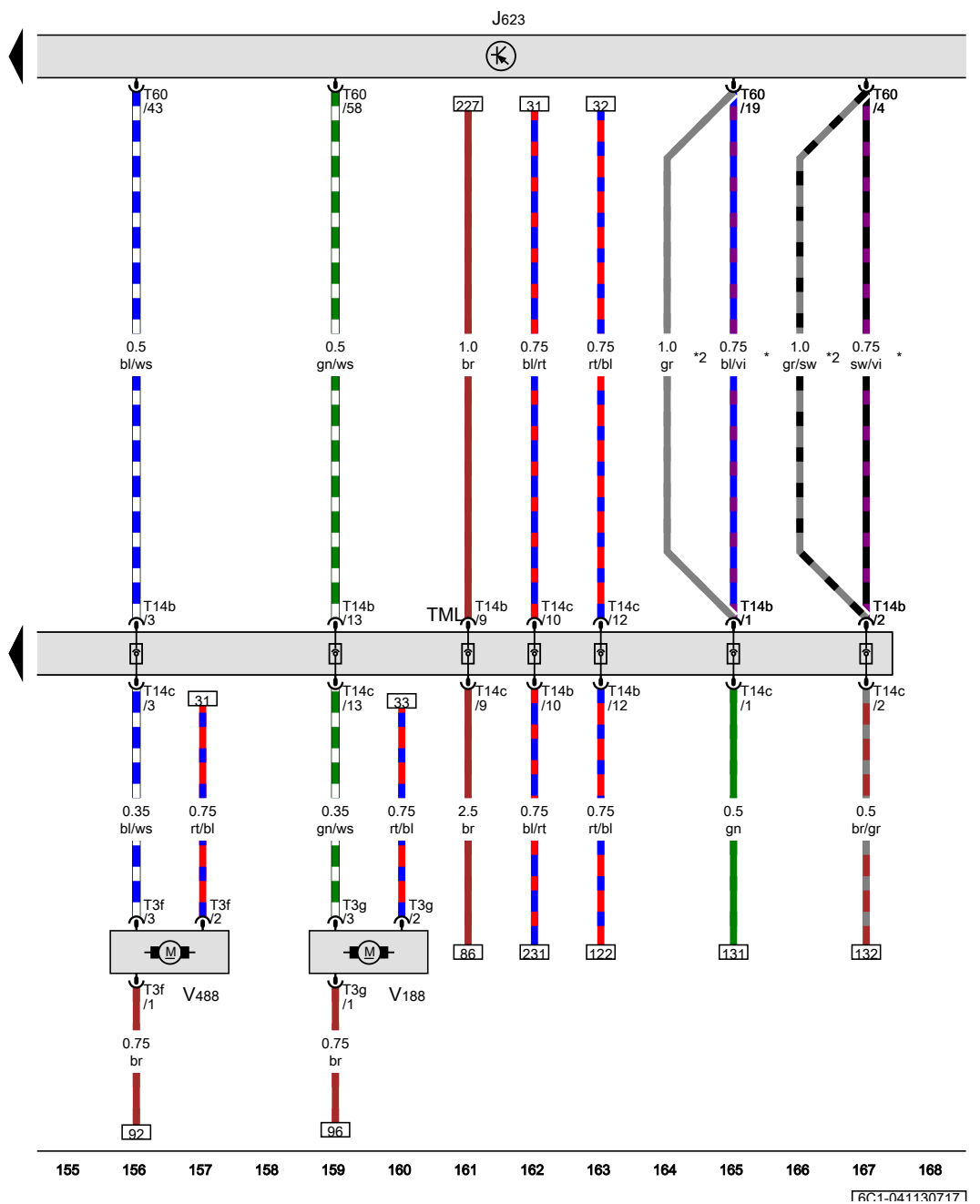


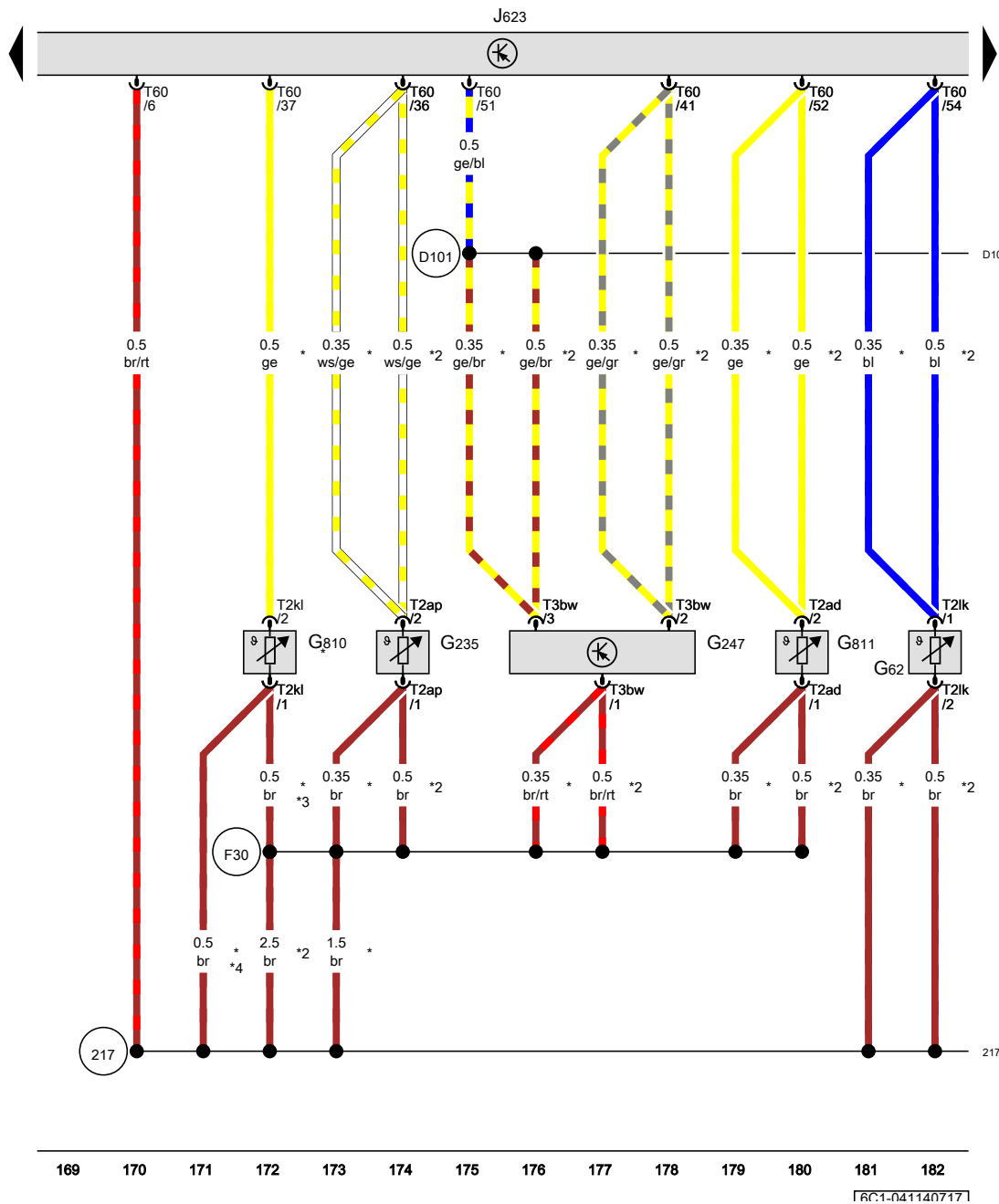
Automatic glow period control unit, Engine/motor control unit, Charge pressure control solenoid valve, Glow plug 1, Glow plug 2, Glow plug 3, Charge pressure positioner

- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- T2dc 2-pin connector, black
- T2dg 2-pin connector, black
- T11g 11-pin connector, black
- T14b 14-pin connector, grey
- T14c 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- TML Coupling point in engine compartment, left
- V465 Charge pressure positioner
- * Earth supply via housing

Engine/motor control unit, Charge air cooling pump,
Auxiliary pump for heating

- J623 Engine/motor control unit
T3f 3-pin connector, black
T3g 3-pin connector, black
T14b 14-pin connector, grey
T14c 14-pin connector, grey
T60 60-pin connector, black
TML Coupling point in engine compartment, left
V188 Charge air cooling pump
V488 Auxiliary pump for heating
* Up to May 2016
*2 From May 2016





Coolant temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine/motor control unit

- G62 Coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G247 Fuel pressure sender
- G810 Charge air temperature sender before charge air cooler
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2ad 2-pin connector, black
- T2ap 2-pin connector, black
- T2kl 2-pin connector, black
- T2lk 2-pin connector, brown
- T3bw 3-pin connector, black
- T60 60-pin connector, black

217 Earth connection 1, in glow plug system wiring harness

D101 Connection 1 in engine compartment wiring harness

F30 Connection 1, in glow plug system wiring harness

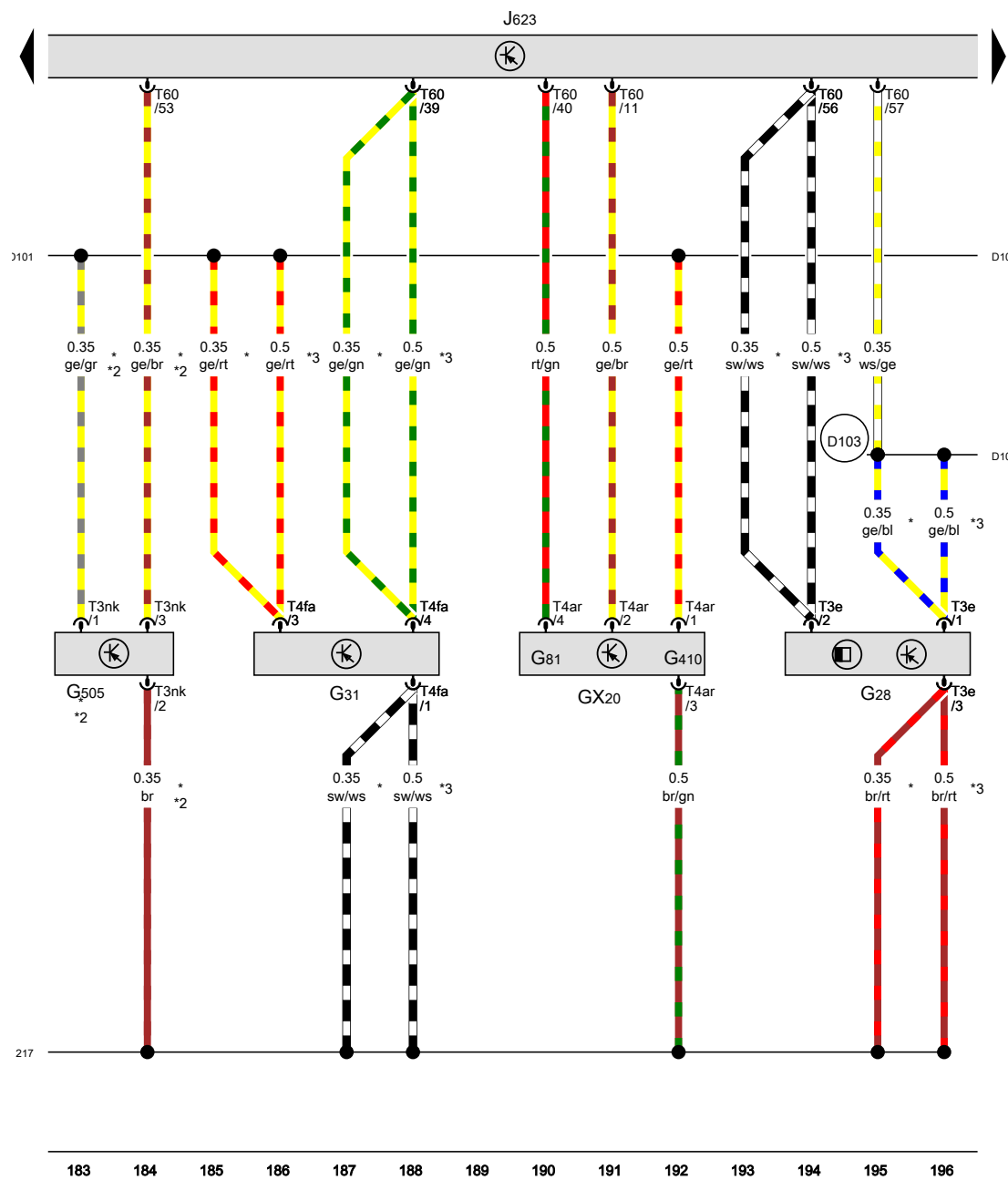
* From May 2016

*2 Up to May 2016

*3 For models with Euro 6 plus emission standard

*4 For models with Euro 4 emission standard

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



Temperature and pressure sender for low-pressure fuel system, Engine speed sender, Charge pressure sender, Pressure differential sender, Engine/motor control unit

- GX20 Temperature and pressure sender for low-pressure fuel system
- G28 Engine speed sender
- G31 Charge pressure sender
- G81 Fuel temperature sender
- G410 Fuel pressure sender for low pressure
- G505 Pressure differential sender
- J623 Engine/motor control unit
- T3e 3-pin connector, black
- T3nk 3-pin connector, black
- T4ar 4-pin connector, black
- T4fa 4-pin connector, black
- T60 60-pin connector, black

217 Earth connection 1, in glow plug system wiring harness

D101 Connection 1 in engine compartment wiring harness

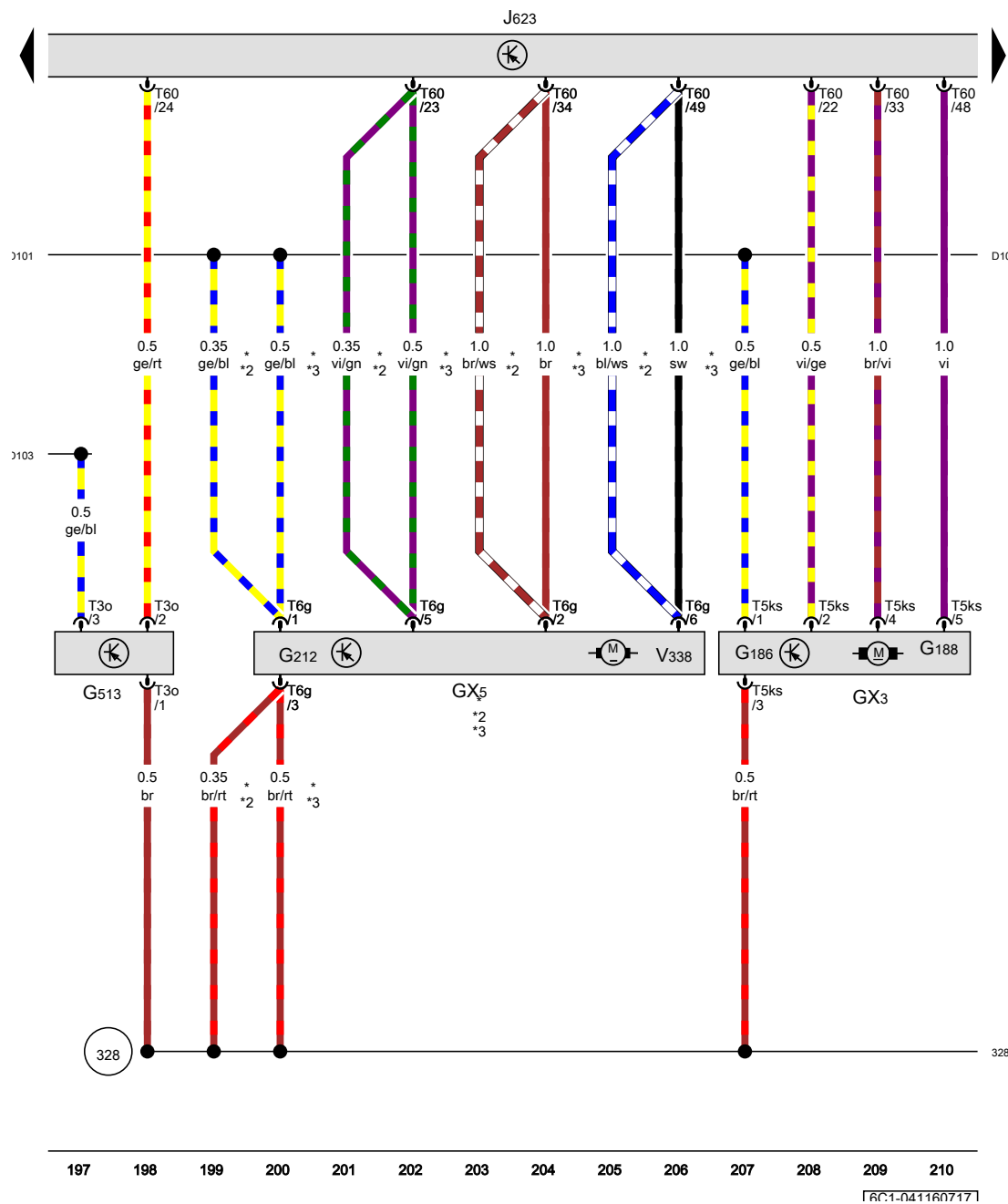
D103 Connection 3 in engine compartment wiring harness

* From May 2016

*2 For models with Euro 6 plus emission standard

*3 Up to May 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



Throttle valve module, Exhaust gas recirculation valve 1, Variable intake manifold position sender, Engine/motor control unit

- GX3 Throttle valve module
- GX5 Exhaust gas recirculation valve 1
- G186 Throttle valve drive for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G212 Exhaust gas recirculation potentiometer
- G513 Variable intake manifold position sender
- J623 Engine/motor control unit
- T3o 3-pin connector, blue
- T5ks 5-pin connector, black
- T6g 6-pin connector, grey
- T60 60-pin connector, black
- V338 Exhaust gas recirculation control motor

- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * From May 2016
- *2 For models with Euro 6 plus emission standard
- *3 For models with Euro 4 emission standard

Hall sender, Position sender for charge pressure positioner,
Engine/motor control unit

G40	Hall sender
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit
T3da	3-pin connector, black
T3n	3-pin connector, brown
T60	60-pin connector, black

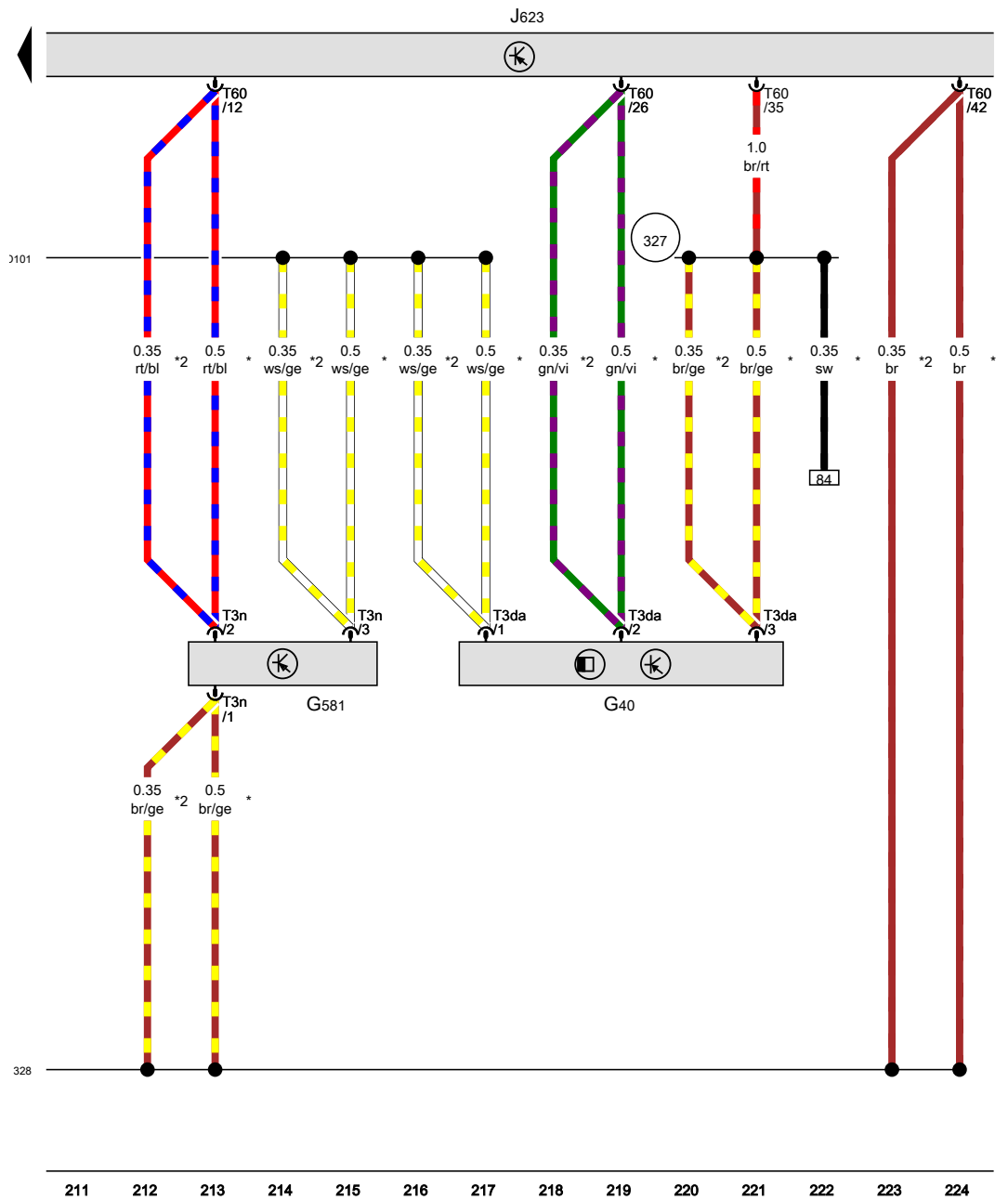
327 Earth connection (sender earth), in engine compartment wiring harness

328 Earth connection 2 (sender earth), in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

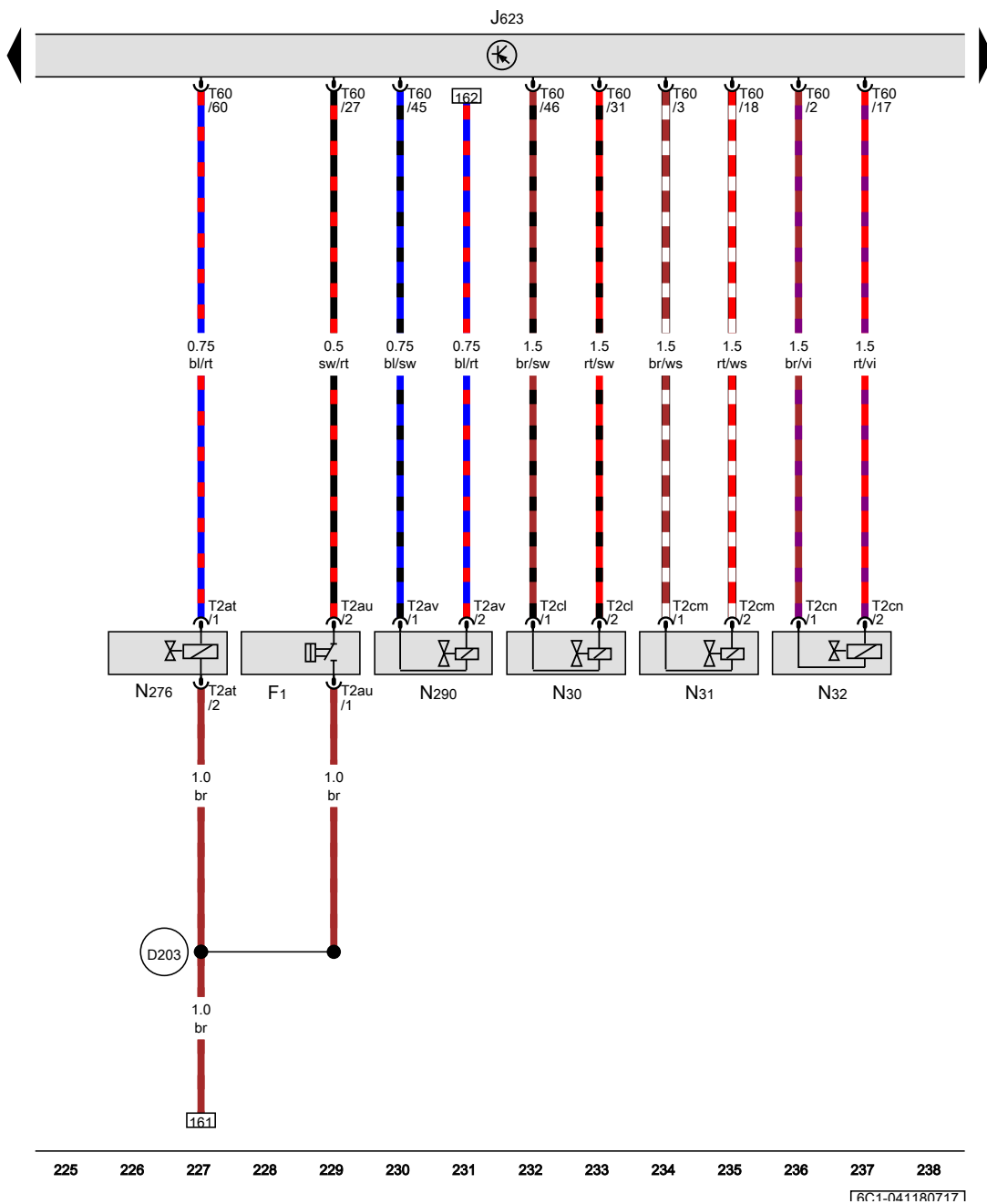
* Up to May 2016

*2 From May 2016



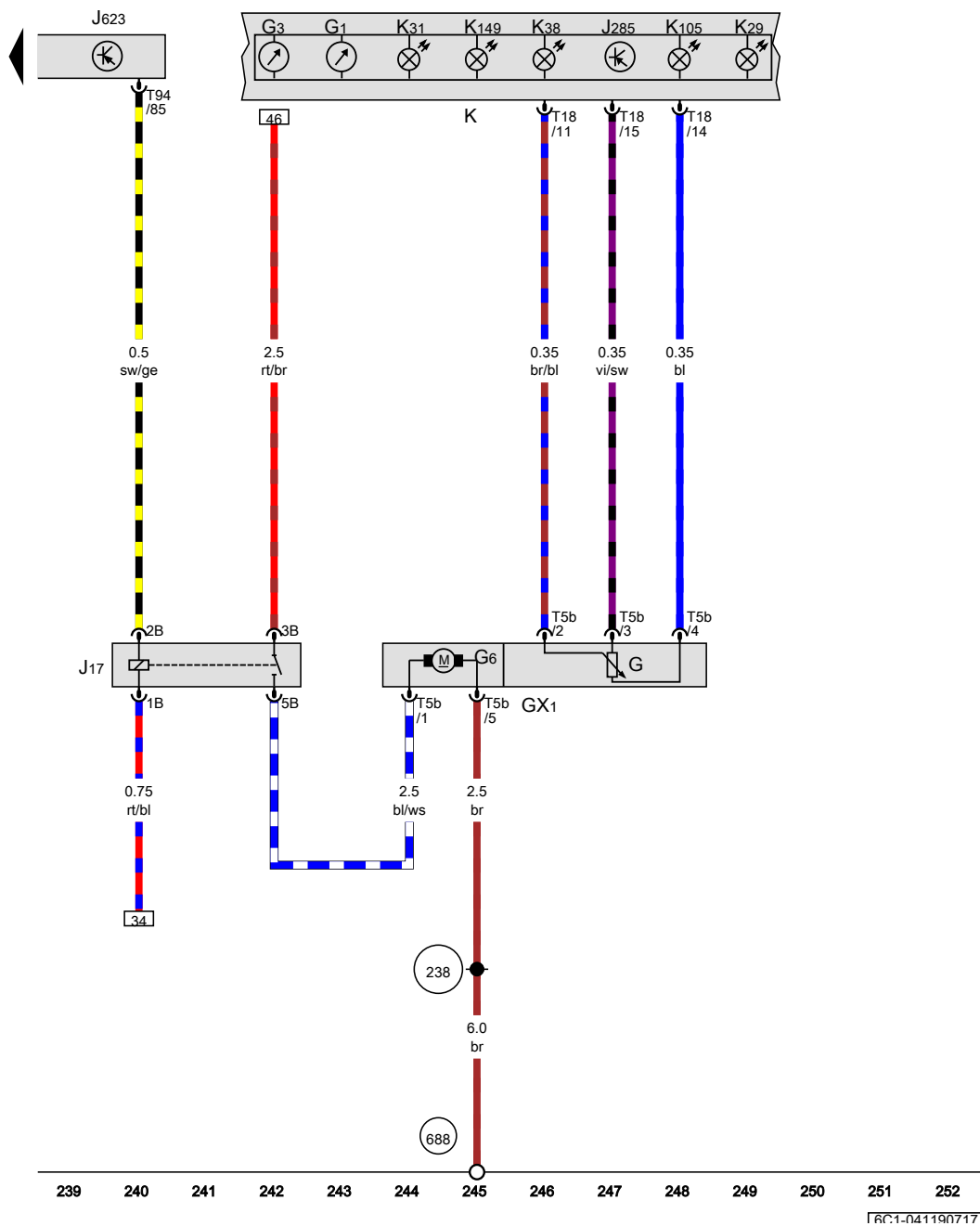
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[6C.1-041170717]



Oil pressure switch, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve

- F1 Oil pressure switch
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2at 2-pin connector, black
- T2au 2-pin connector, red
- T2av 2-pin connector, black
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T60 60-pin connector, black
- D203 Connection (oil pressure switch) in engine compartment wiring harness



Fuel delivery unit, Fuel gauge, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- J623 Engine/motor control unit
- K Dash panel insert
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- T5b 5-pin connector, black
- T18 18-pin connector, black
- T94 94-pin connector, black

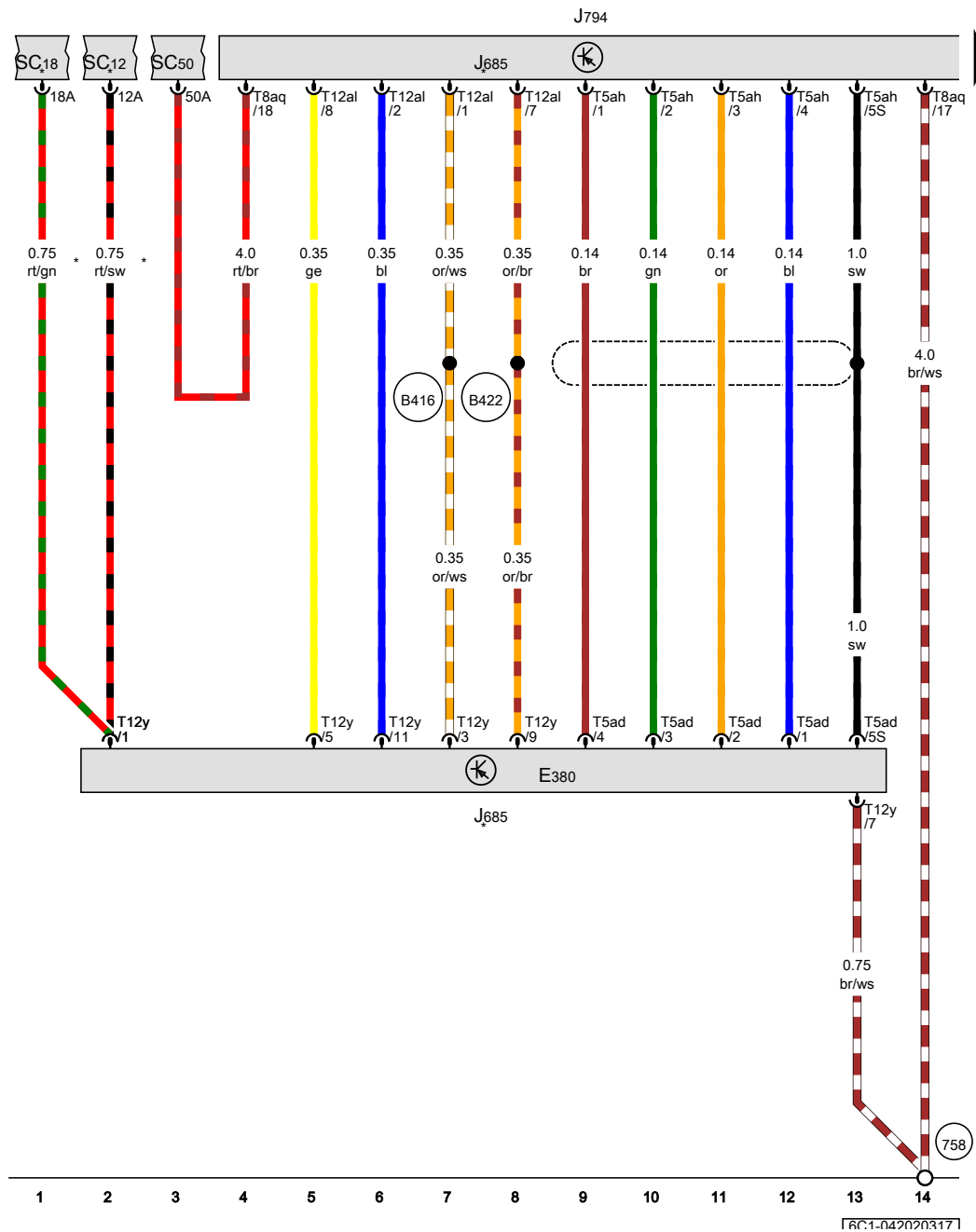
238 Earth connection 1, in interior wiring harness

688 Earth point 2, on centre tunnel

Radio navigation system

From May 2015

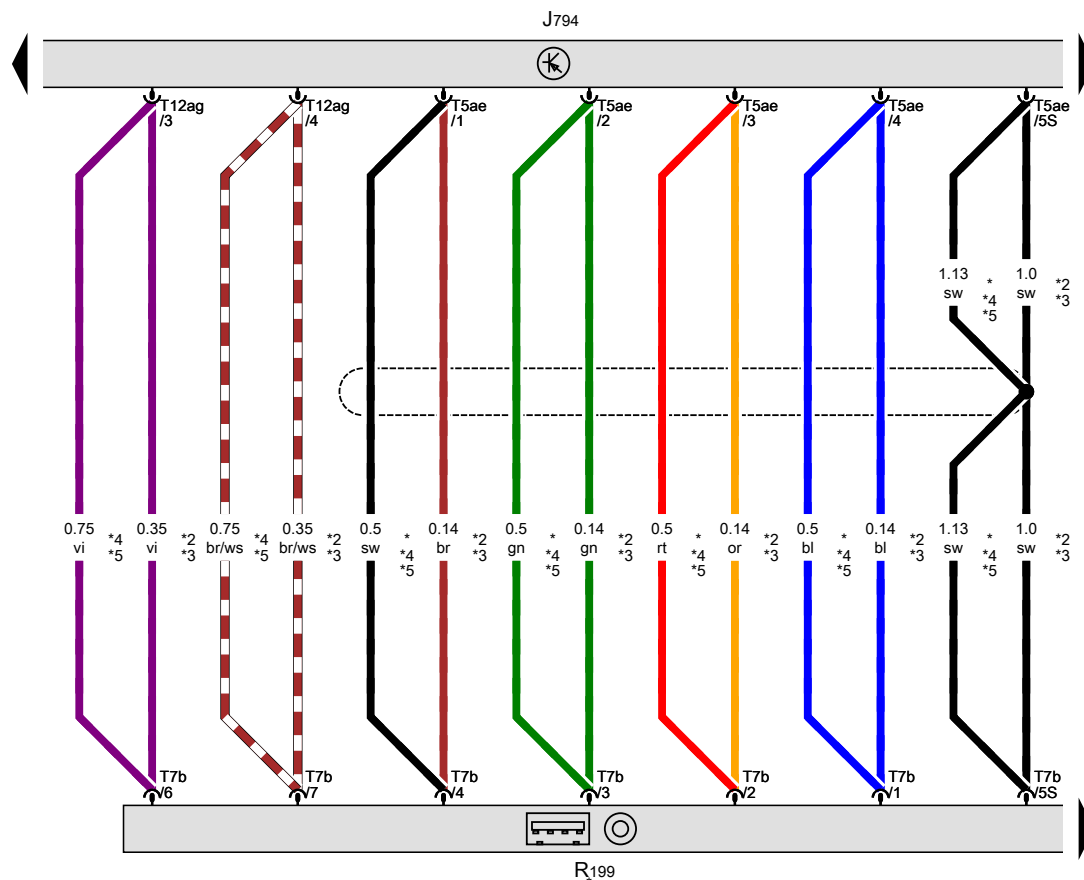
Display unit for front information display and operating unit control unit, Control unit 1 for information electronics



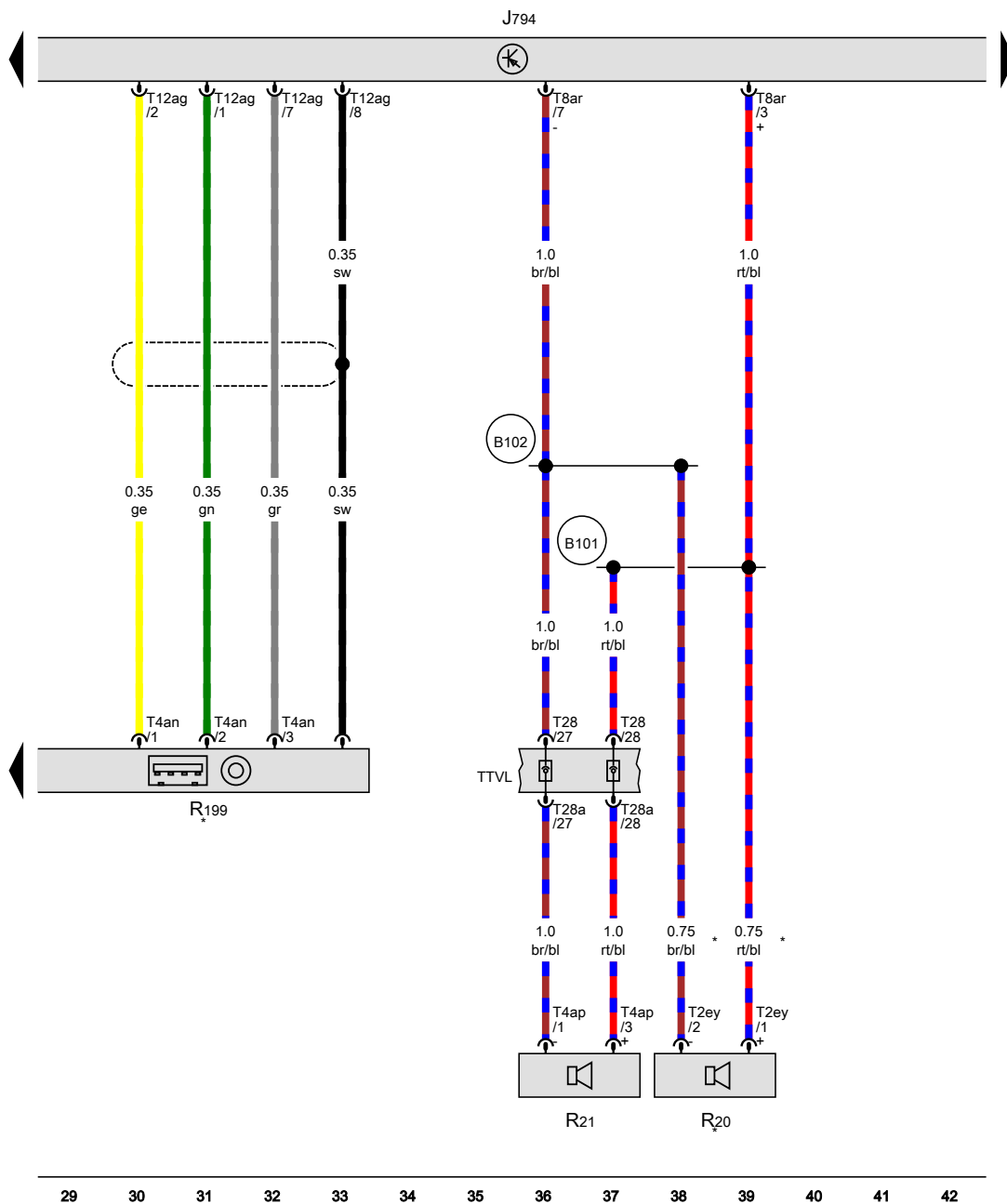
- E380 Multimedia system operating unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- SC12 Fuse 12 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T5ad 5-pin connector, blue
- T5ah 5-pin connector, purple
- T8aq 8-pin connector, black
- T12al 12-pin connector, grey
- T12y 12-pin connector, black
- 758 Earth point 3, on centre tunnel
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- * According to equipment

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

- J794 Control unit 1 for information electronics
 R199 Connection for external audio sources
 T5ae 5-pin connector, yellow
 T7b 7-pin connector, black
 T12ag 12-pin connector, green
 * According to equipment
 *2 Up to May 2016
 *3 From November 2016
 *4 From May 2016
 *5 Up to November 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 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Connection for external audio sources

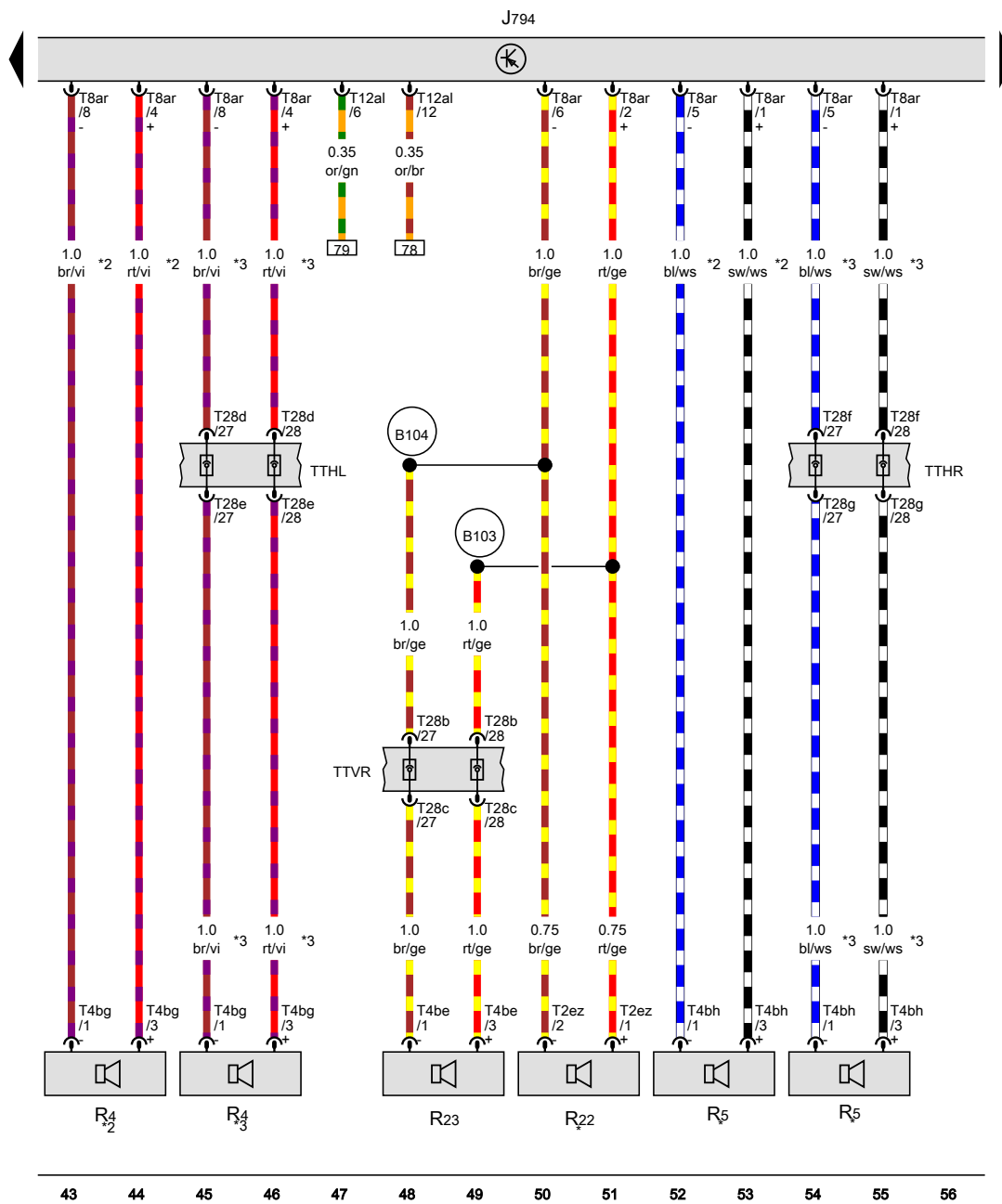
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R199 Connection for external audio sources
- T2ey 2-pin connector, black
- T4an 4-pin connector, black
- T4ap 4-pin connector, black
- T8ar 8-pin connector, brown
- T12ag 12-pin connector, green
- T28 28-pin connector, black
- T28a 28-pin connector, black
- TTVL Coupling point for front left door

B101 Connection (positive, front left speaker), in main wiring harness

B102 Connection (negative, front left speaker), 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



Control unit 1 for information electronics, Rear left loudspeaker, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- J794 Control unit 1 for information electronics
- R4 Rear left loudspeaker
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2ez 2-pin connector, black
- T4be 4-pin connector, black
- T4bg 4-pin connector, black
- T4bh 4-pin connector, black
- T8ar 8-pin connector, brown
- T12al 12-pin connector, grey
- T28b 28-pin connector, black
- T28c 28-pin connector, black
- T28d 28-pin connector, grey
- T28e 28-pin connector, black
- T28f 28-pin connector, grey
- T28g 28-pin connector, black
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- TTVR Coupling point for front right door

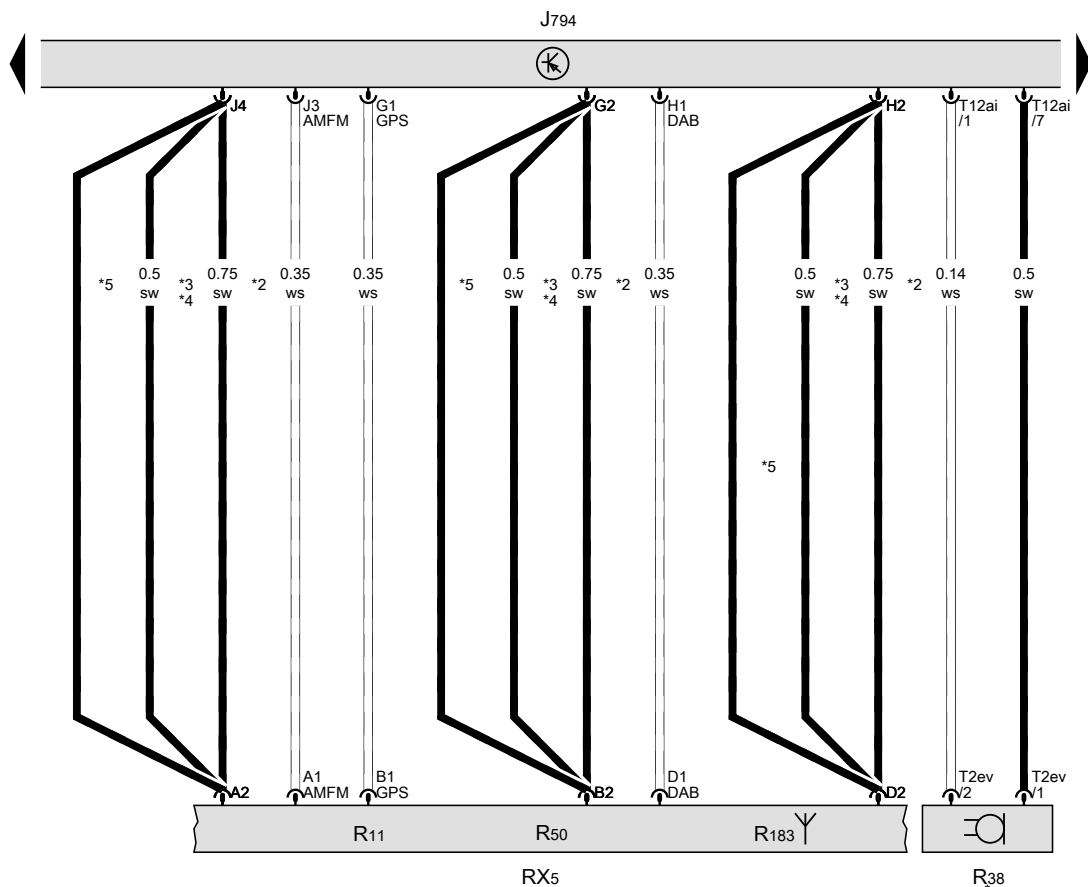
B103 Connection (positive, front right speaker), in main wiring harness

B104 Connection (negative, front right speaker), in main wiring harness

- * According to equipment
- *2 Only models with 2-doors
- *3 For models with 4 doors

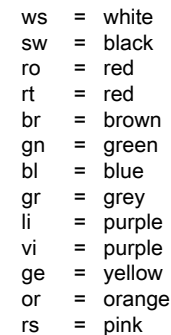
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit 1 for information electronics, Roof aerial, Telephone microphone, GPS aerial



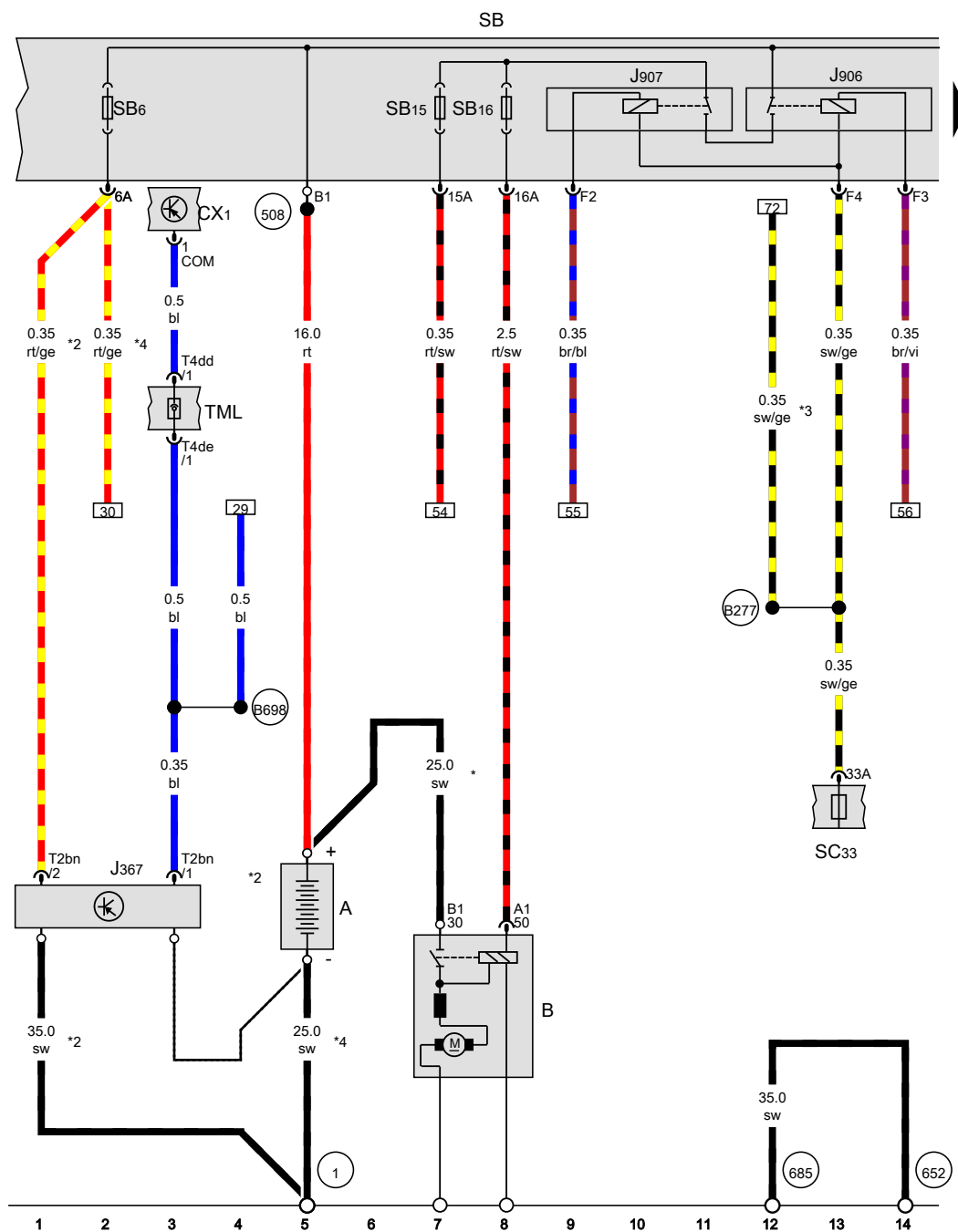
- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R11 Aerial
- R38 Telephone microphone
- R50 GPS aerial
- R183 Digital radio aerial
- T2ev 2-pin connector, black
- T12ai 12-pin connector, blue
- * According to equipment
- *2 Up to May 2016
- *3 From May 2016
- *4 Up to November 2016
- *5 From November 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



1.2l petrol engine , CJZC,CJZD

From May 2016

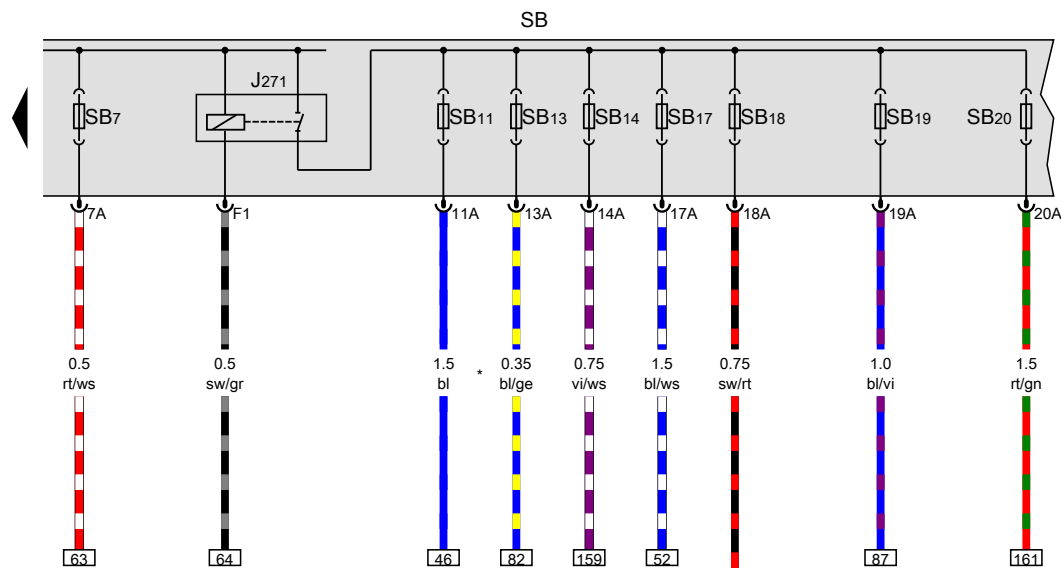


Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SC33 Fuse 33 on fuse holder C
- T2bn 2-pin connector, black
- T4dd 4-pin connector, black
- T4de 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- 652 Earth point, engine and gearbox earth
- 685 Earth point 1, on front of right longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- * Cross section depends on equipment
- *2 For models with start/stop system
- *3 For models with manual gearbox
- *4 For models with no start/stop system

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



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

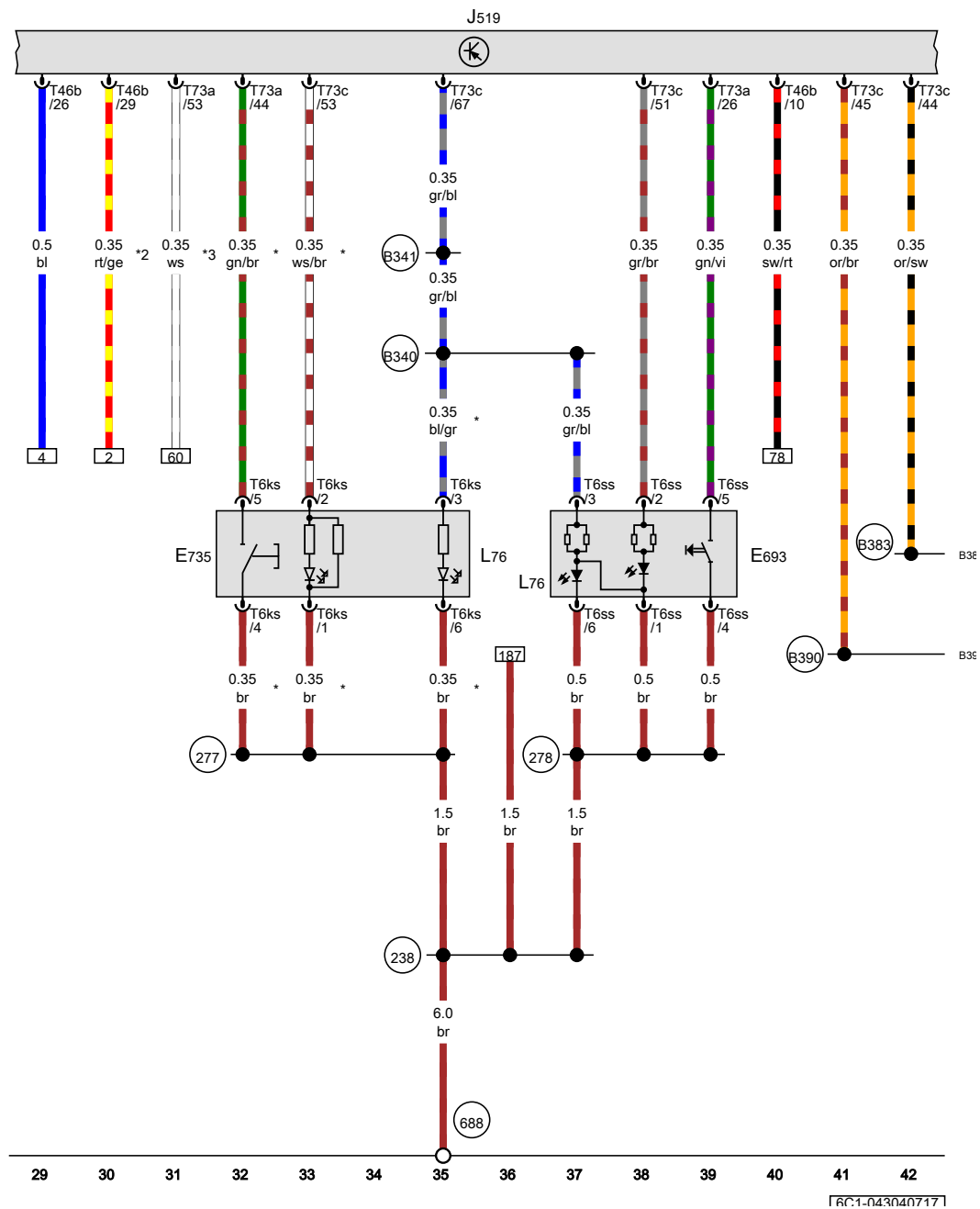
* According to equipment

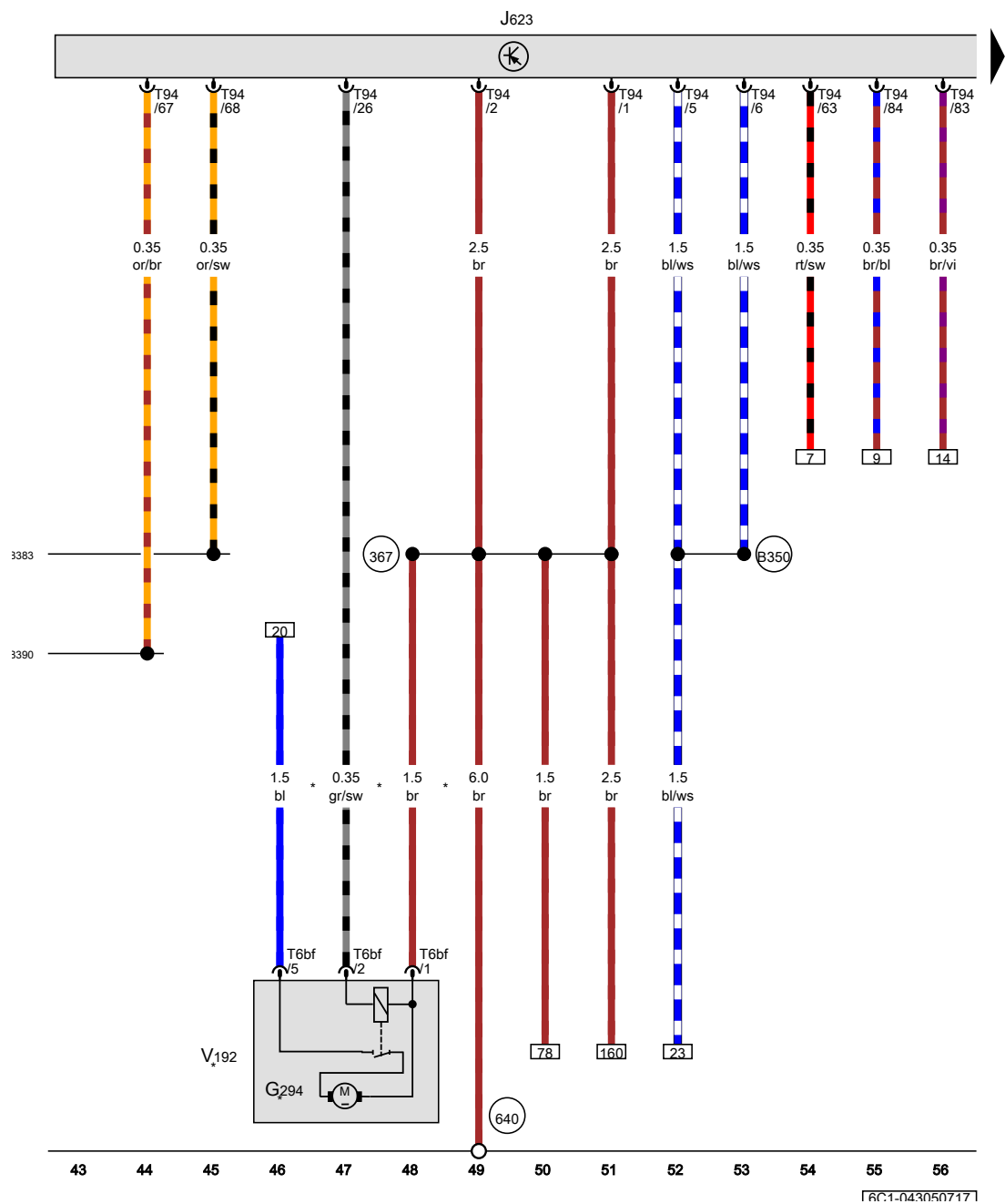
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Start/Stop operation button, Driving mode selection button, Onboard supply control unit

- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T6ss 6-pin connector, black
- T46b 46-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * According to equipment
- *2 For models with no start/stop system
- *3 For models with cruise control system (CCS)

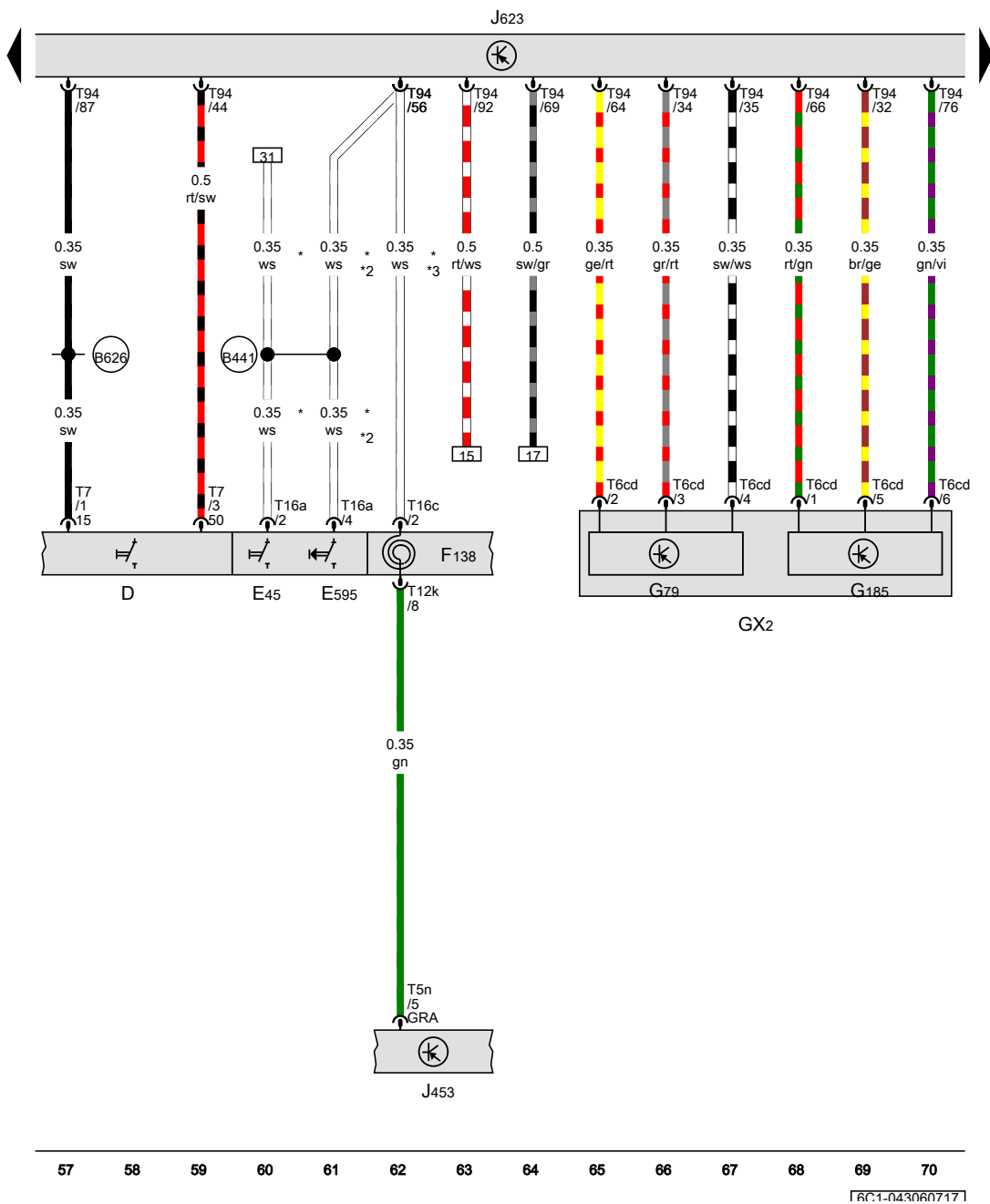




Engine/motor control unit, Vacuum pump for brakes

G294 Brake servo pressure sensor
 J623 Engine/motor control unit
 T6bf 6-pin connector, black
 T94 94-pin connector, black
 V192 Vacuum pump for brakes

- 367 Earth connection 2, in main wiring harness
- 640 Earth point 2, left in engine compartment
- B350 Positive connection 1 (87a) 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
- * According to equipment



Steering column combination switch, Accelerator pedal module, Engine/motor control unit

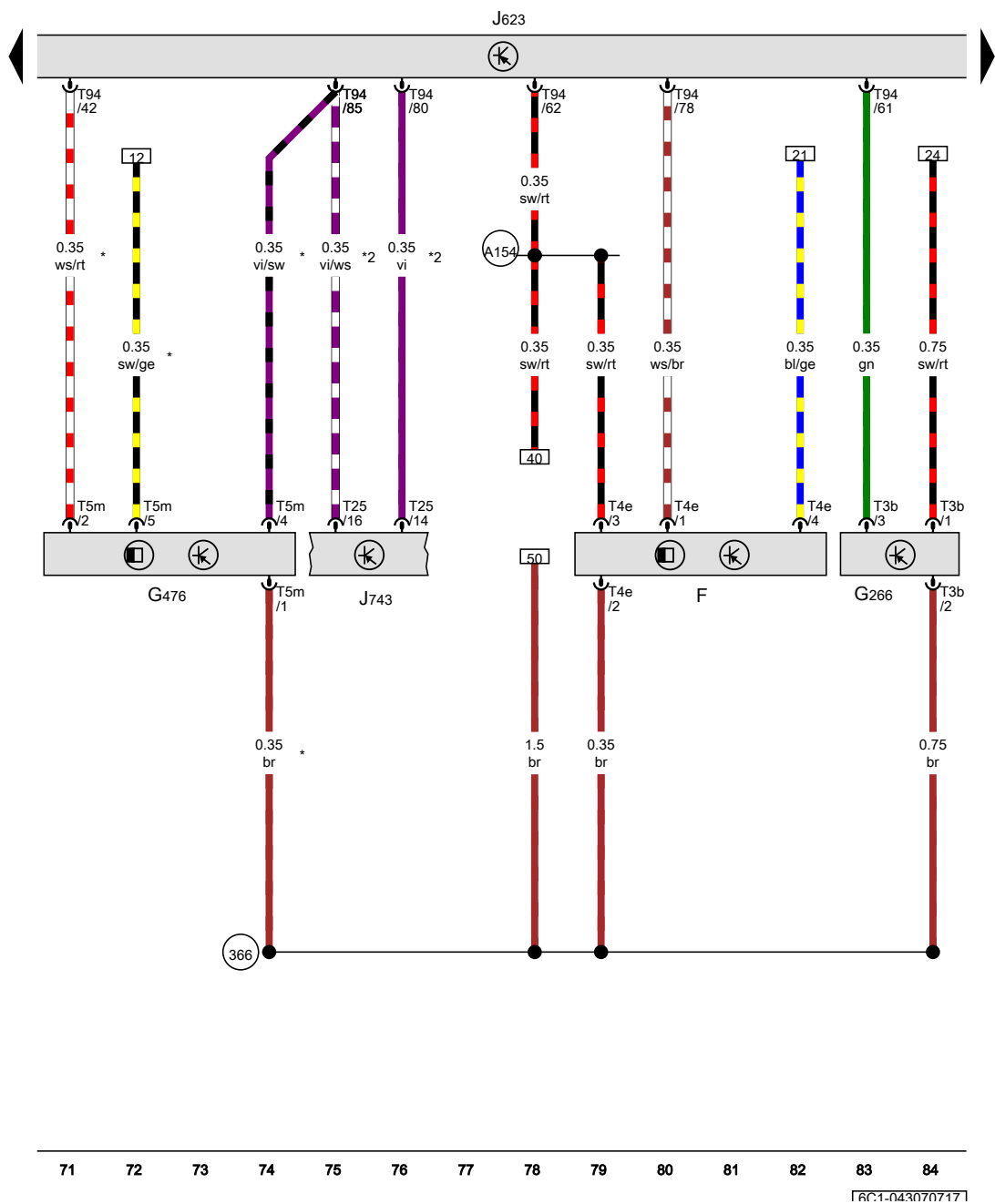
- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J453 Multifunction steering wheel control unit, in steering wheel
- J623 Engine/motor control unit
- T5n 5-pin connector
- T6cd 6-pin connector, black
- T7 7-pin connector, black
- T12k 12-pin connector, yellow
- T16a 16-pin connector, black
- T16c 16-pin connector, black
- T94 94-pin connector, black

B441 Connection (CCS), in main wiring harness

B626 Positive connection 2 (15), in main wiring harness

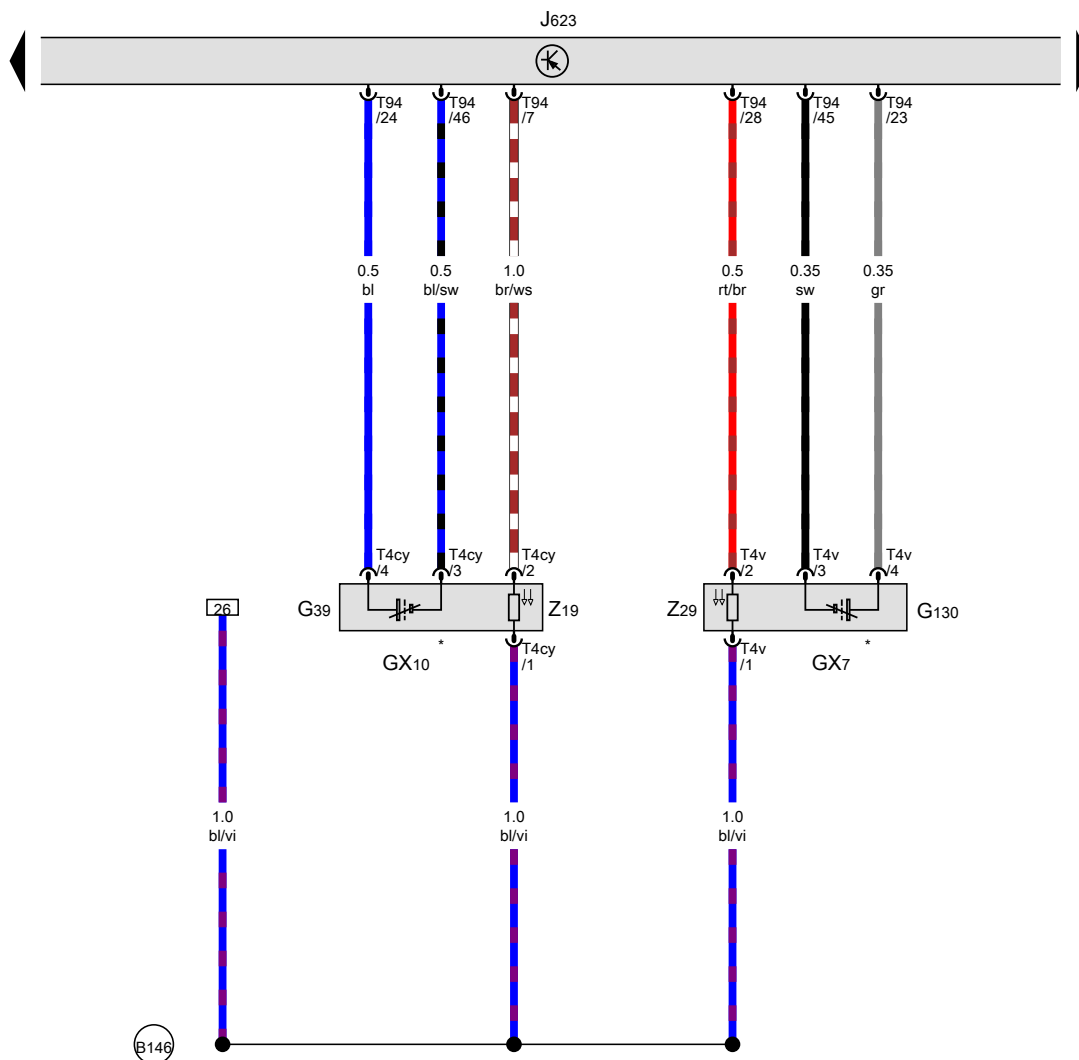
- * For models with cruise control system (CCS)
- *2 For models with no Tiptronic
- *3 For models with Tiptronic

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



Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector, black
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox 0AM



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

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4cy 4-pin connector, brown
- T4v 4-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

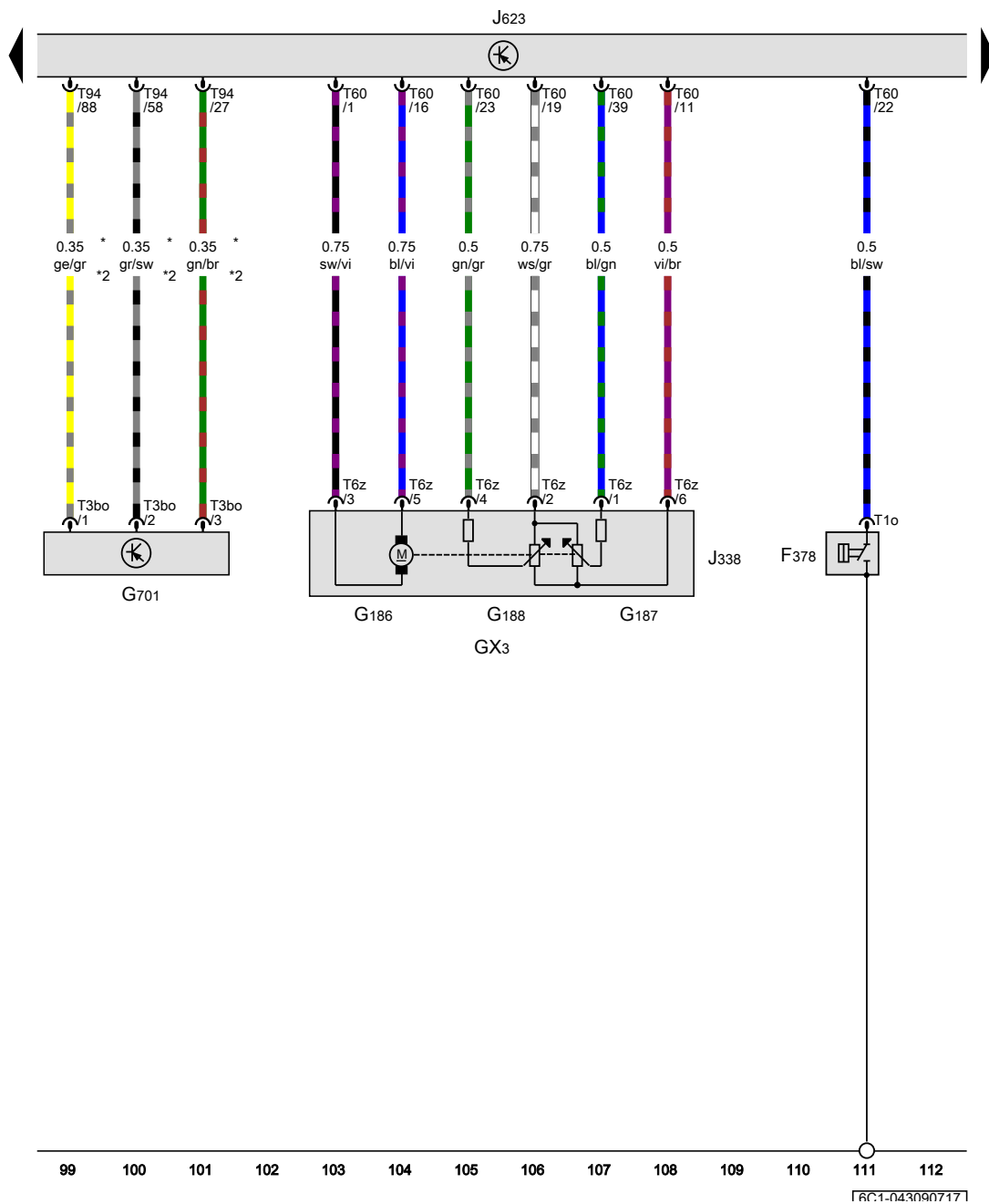
B146 Positive connection 1 (87), in interior wiring harness

* 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

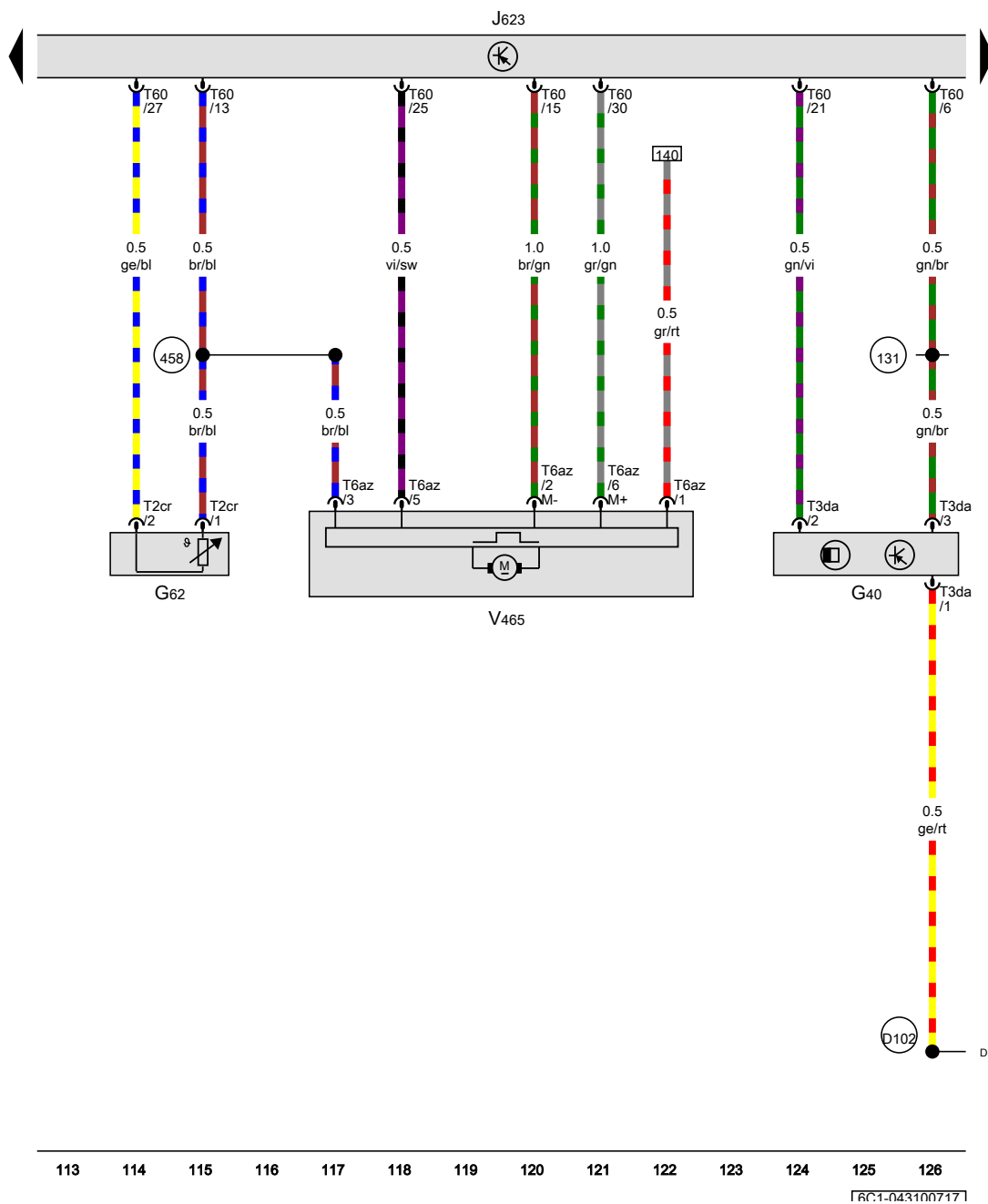
85 86 87 88 89 90 91 92 93 94 95 96 97 98

[6C:1-043080717]



Oil pressure switch for reduced oil pressure, Throttle valve module, Gearbox neutral position sender, Engine/motor control unit

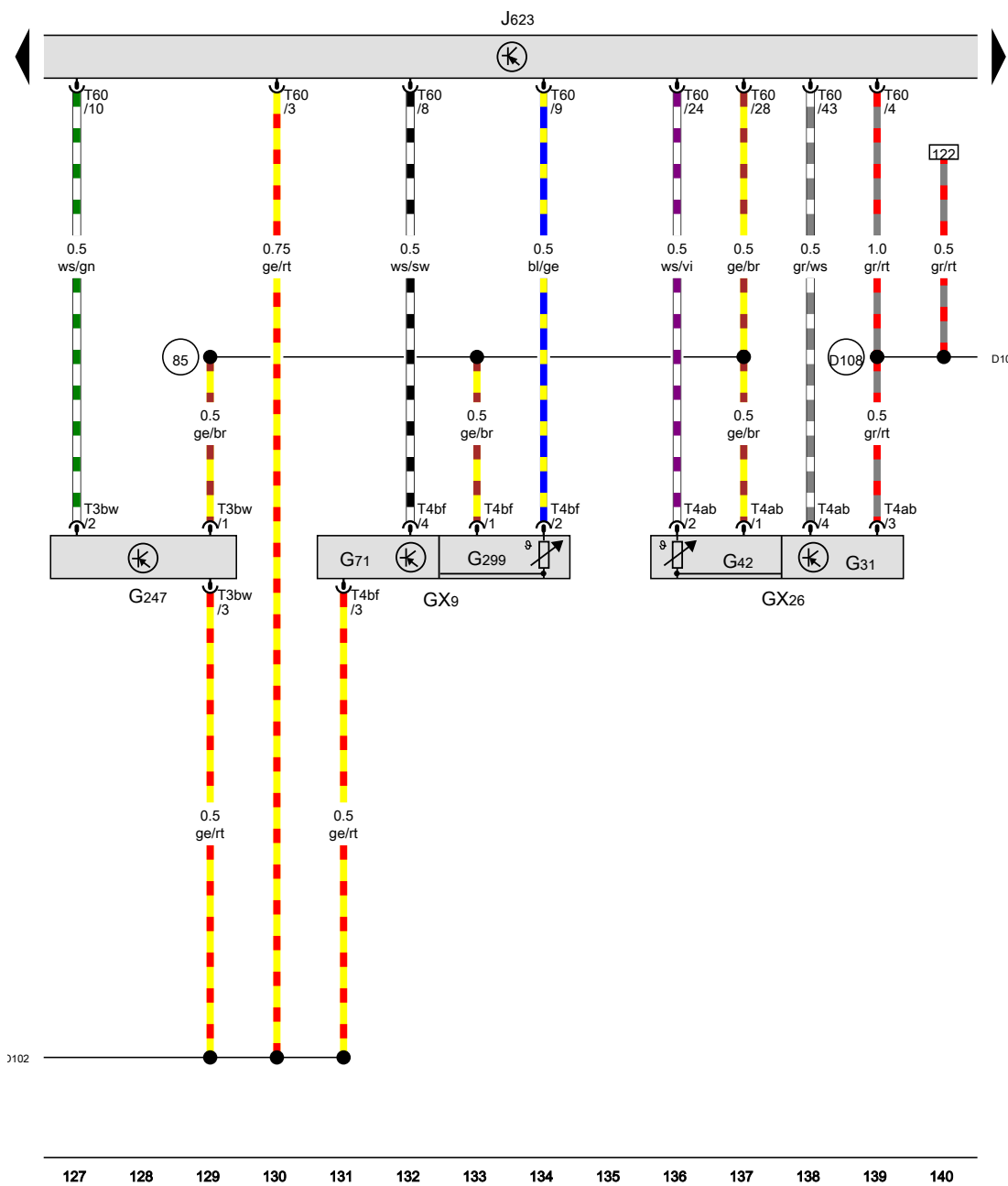
- F378 Oil pressure switch for reduced oil pressure
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T1o 1-pin connector, black
- T3bo 3-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector
- T94 94-pin connector, black
- * For models with manual gearbox
- *2 For models with start/stop system



Hall sender, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cr 2-pin connector, black
- T3da 3-pin connector, black
- T6az 6-pin connector, grey
- T60 60-pin connector
- V465 Charge pressure positioner

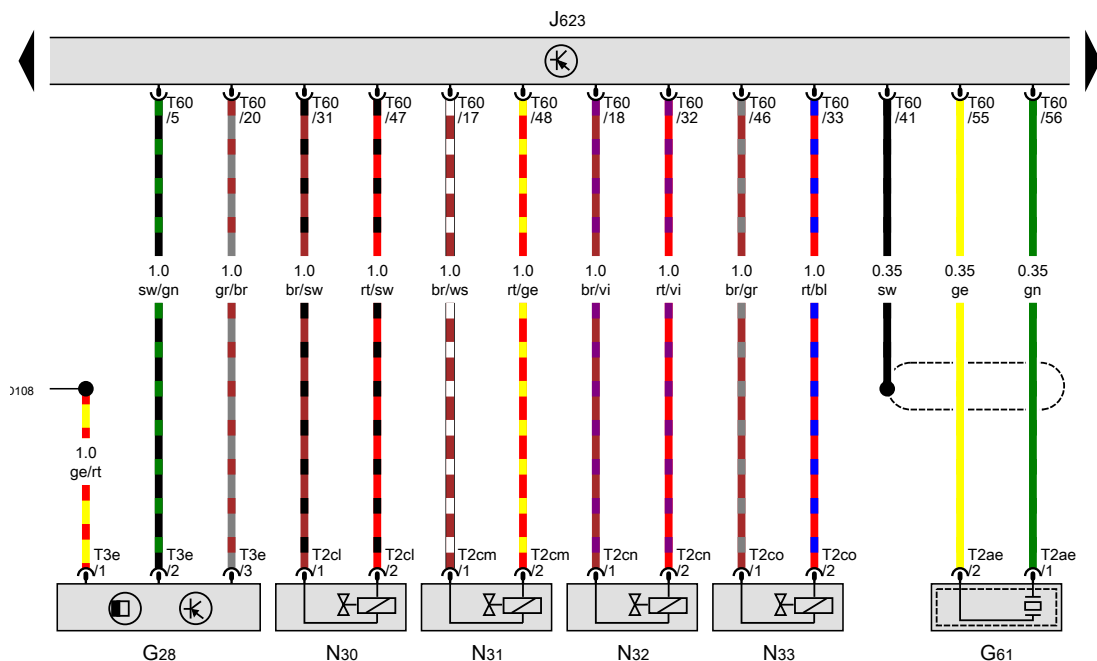
- 131 Earth connection 2, in engine compartment wiring harness
- 458 Earth point 3, engine prewiring harness
- D102 Connection 2 in engine compartment wiring harness



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

- GX9 Intake manifold sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3bw 3-pin connector, black
- T4ab 4-pin connector, black
- T4bf 4-pin connector, black
- T60 60-pin connector
- 85 Earth connection 1, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness

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



Engine speed sender, Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

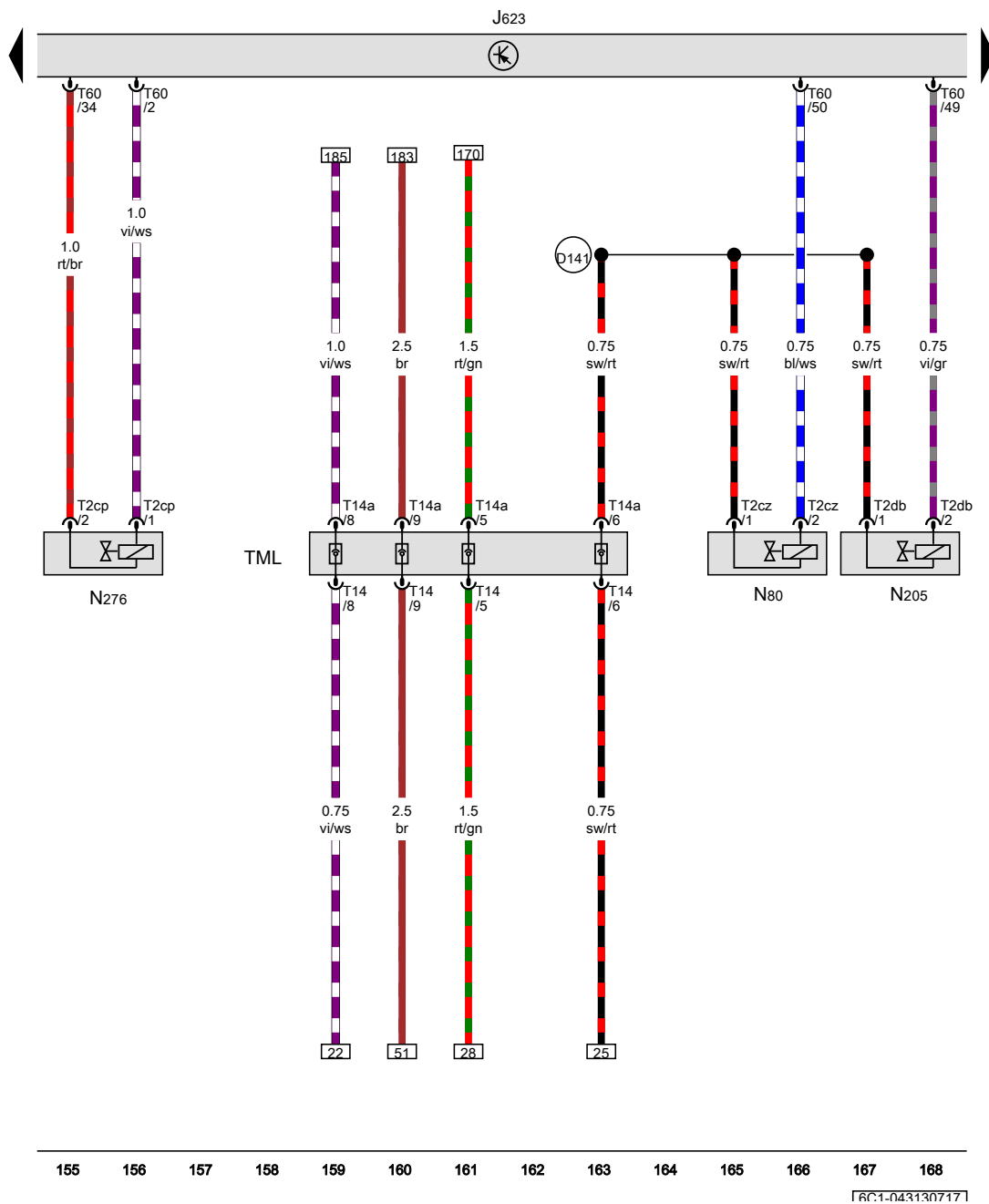
- G28 Engine speed sender
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2ae 2-pin connector, black
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector, black
- T3e 3-pin connector, brown
- T60 60-pin connector

D108 Connection 6 in engine compartment wiring harness

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

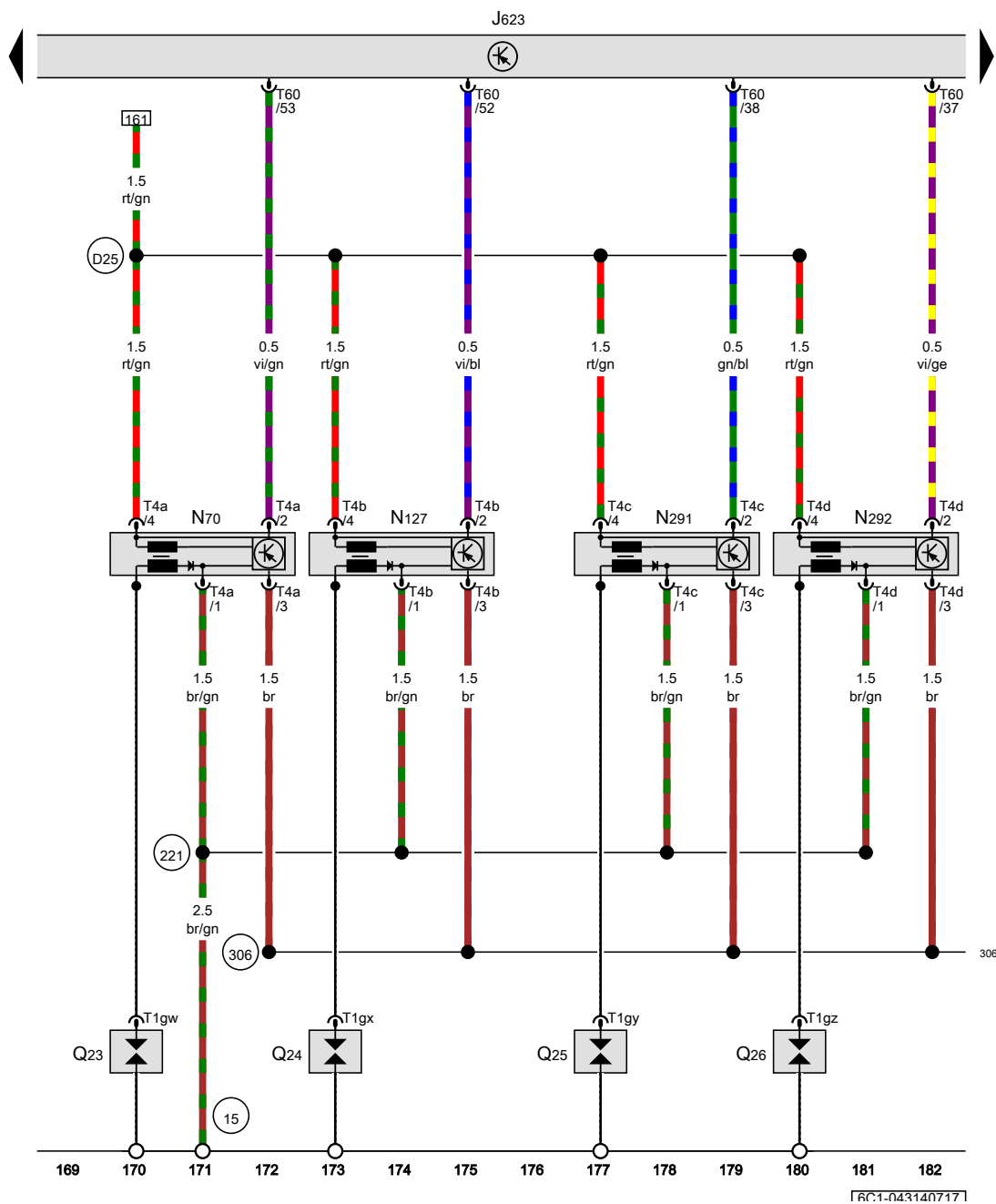
141 142 143 144 145 146 147 148 149 150 151 152 153 154

[6C1-043120717]



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- T2cp 2-pin connector, black
- T2cz 2-pin connector, black
- T2db 2-pin connector, black
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T60 60-pin connector
- TML Coupling point in engine compartment, left
- D141 Connection (5V) in engine prewiring harness

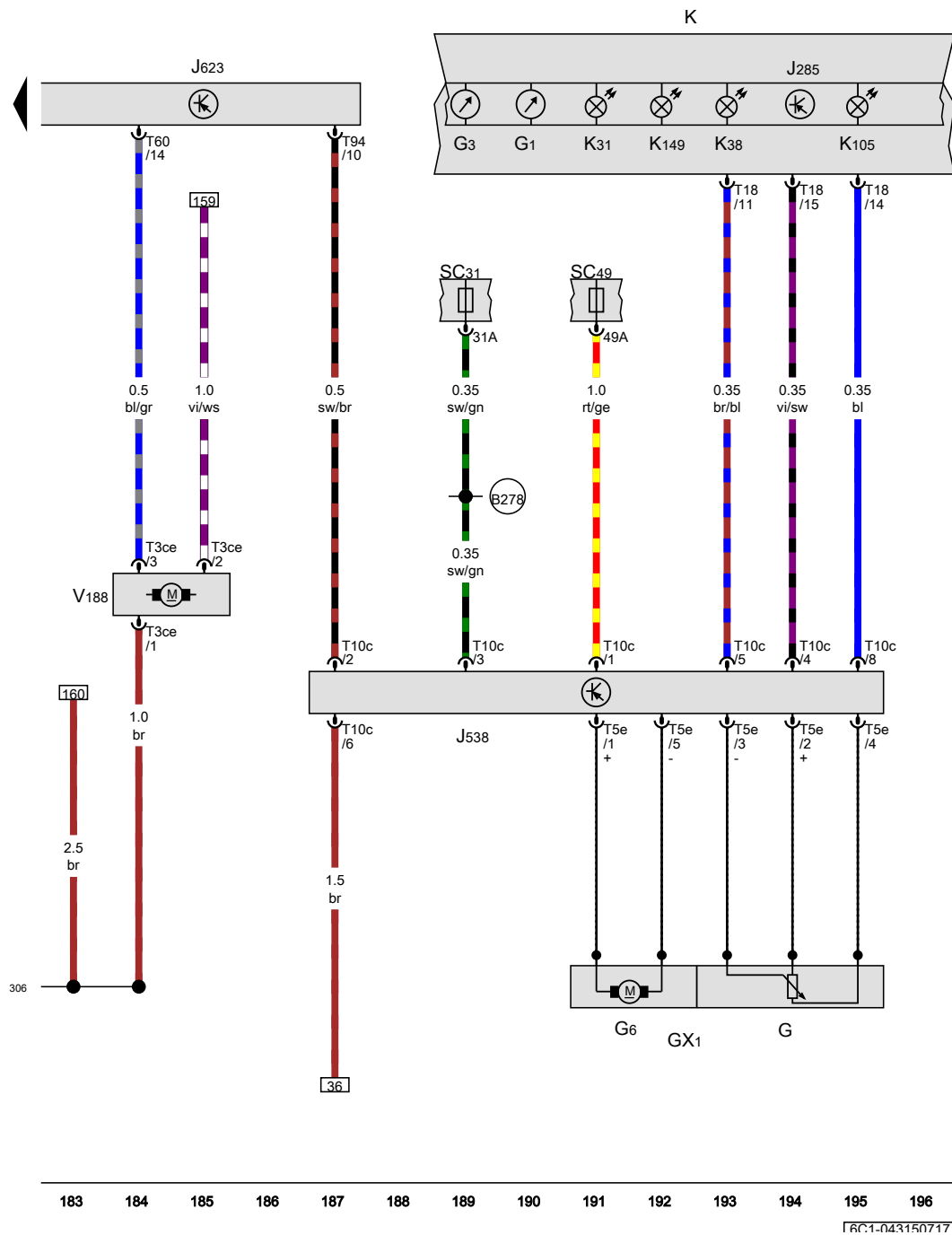


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T1gw 1-pin connector
- T1gx 1-pin connector
- T1gy 1-pin connector
- T1gz 1-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T4d 4-pin connector, black
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

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



Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert, Charge air cooling pump

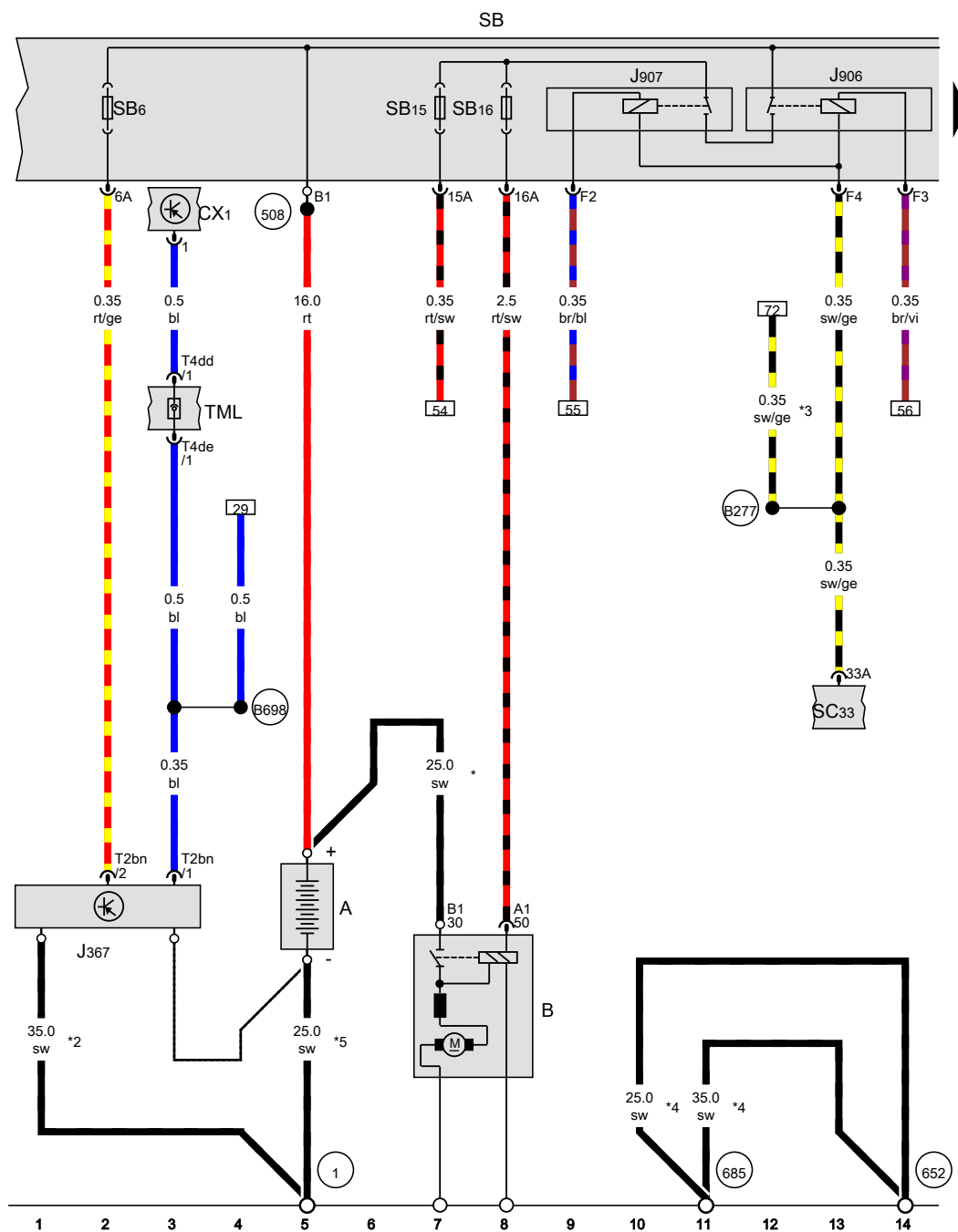
- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC31 Fuse 31 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3ce 3-pin connector, black
- T5e 5-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector, black
- T60 60-pin connector
- T94 94-pin connector, black
- V188 Charge air cooling pump

306 Earth connection (ignition coils), in engine prewiring harness

B278 Positive connection 2 (15a) in main wiring harness

1.4l petrol engine , CZE A

From May 2016



Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

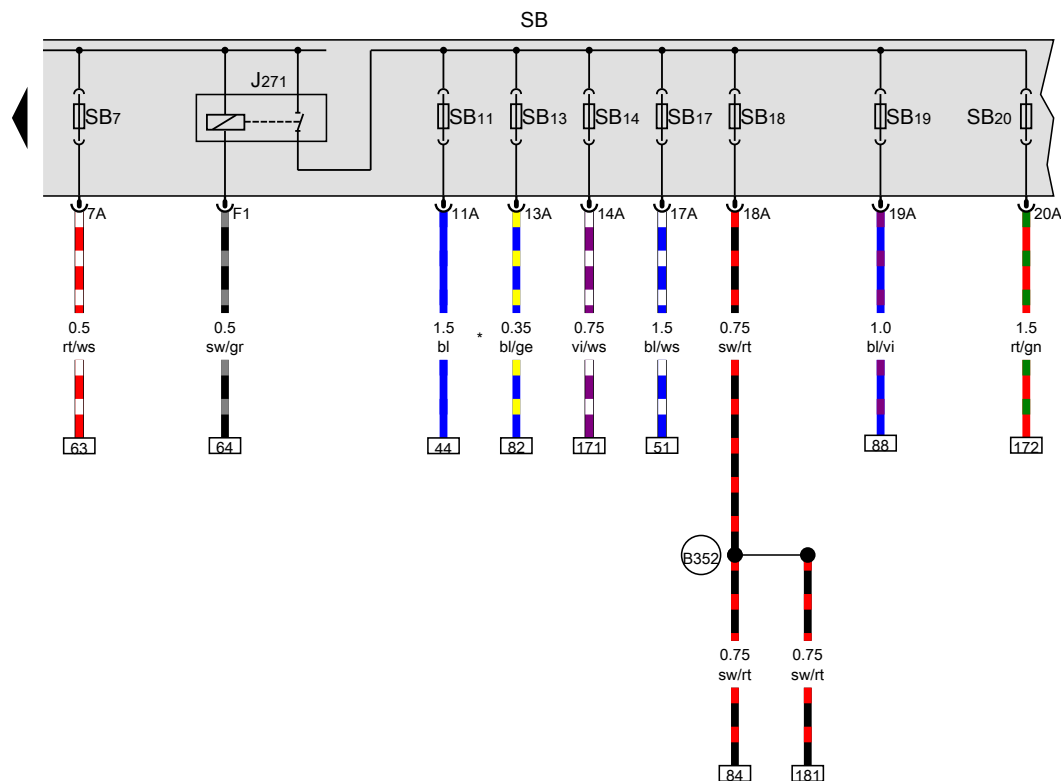
A	Battery
B	Starter
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SC33	Fuse 33 on fuse holder C
T2bn	2-pin connector, black
T4dd	4-pin connector, black
T4de	4-pin connector, black
TML	Coupling point in engine compartment, left

1	Earth strap, battery - body
508	Threaded connection (30) on E-box
652	Earth point, engine and gearbox earth
685	Earth point 1, on front of right longitudinal member
B277	Positive connection 1 (15a) in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness

*	Cross section depends on equipment
*2	For models with start/stop system
*3	For models with manual gearbox
*4	According to equipment
*5	For models with no start/stop system

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

16C1-0440207171



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B

B352 Positive connection 3 (87a) 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

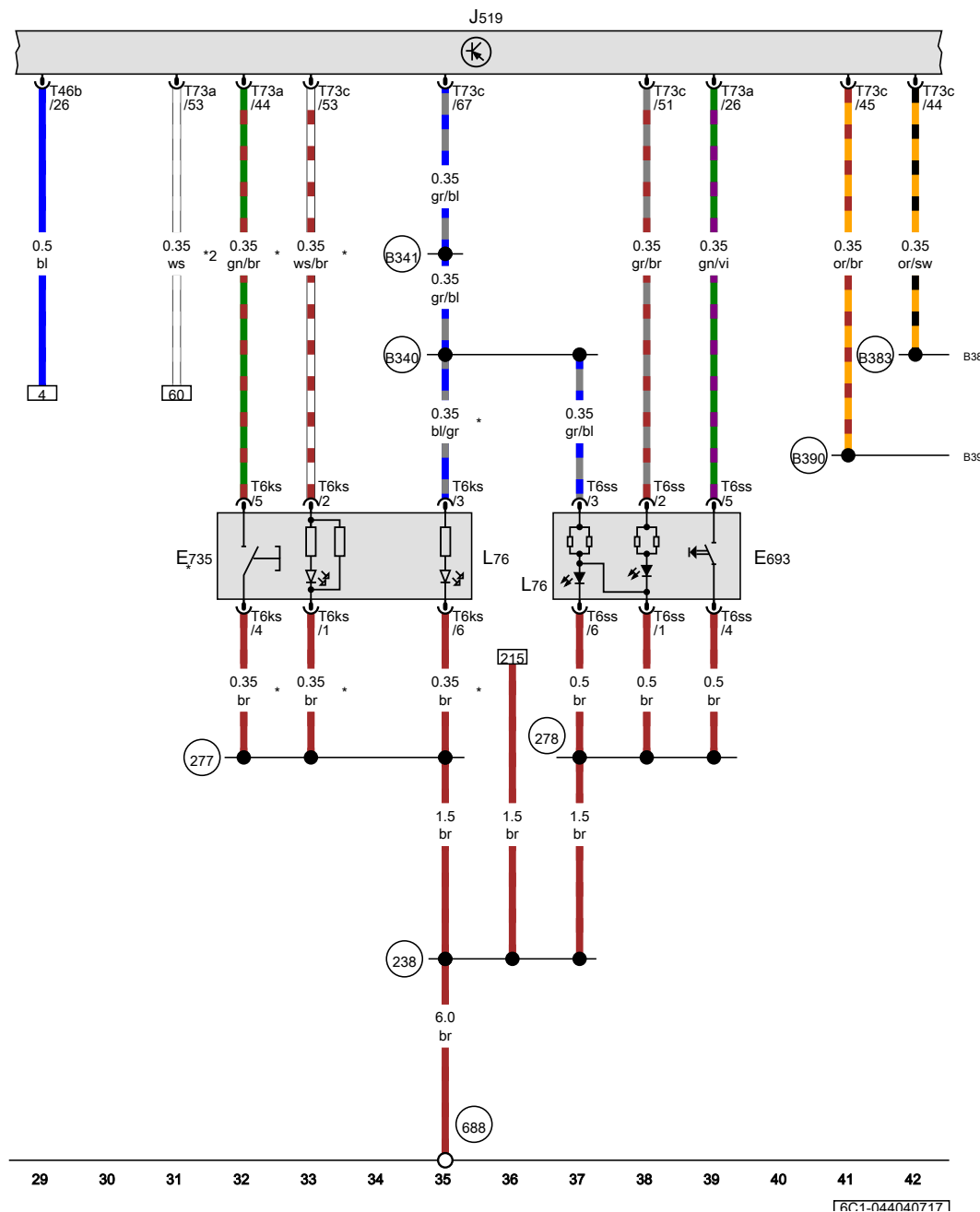
15 16 17 18 19 20 21 22 23 24 25 26 27 28

16C1-0440307171

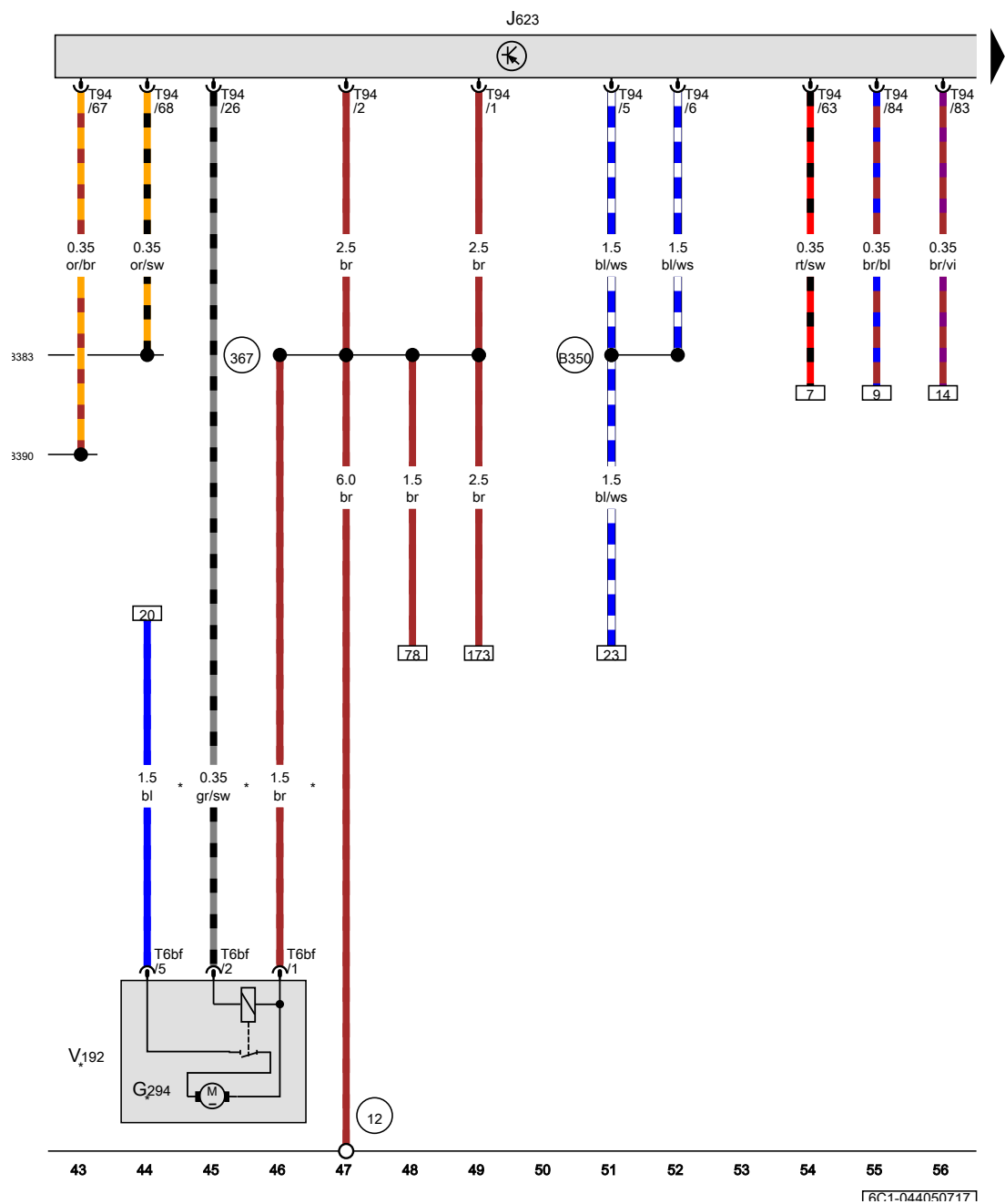
Start/Stop operation button, Driving mode selection button, Onboard supply control unit

- E693 Start/Stop operation button
- E735 Driving mode selection button
- J519 Onboard supply control unit
- L76 Button illumination bulb
- T6ks 6-pin connector, green
- T6ss 6-pin connector, black
- T46b 46-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), 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
- * According to equipment
- *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



Engine/motor control unit, Vacuum pump for brakes

G294 Brake servo pressure sensor

J623 Engine/motor control unit

T6bf 6-pin connector, black

T94 94-pin connector, black

V192 Vacuum pump for brakes

12 Earth point, on left in engine compartment

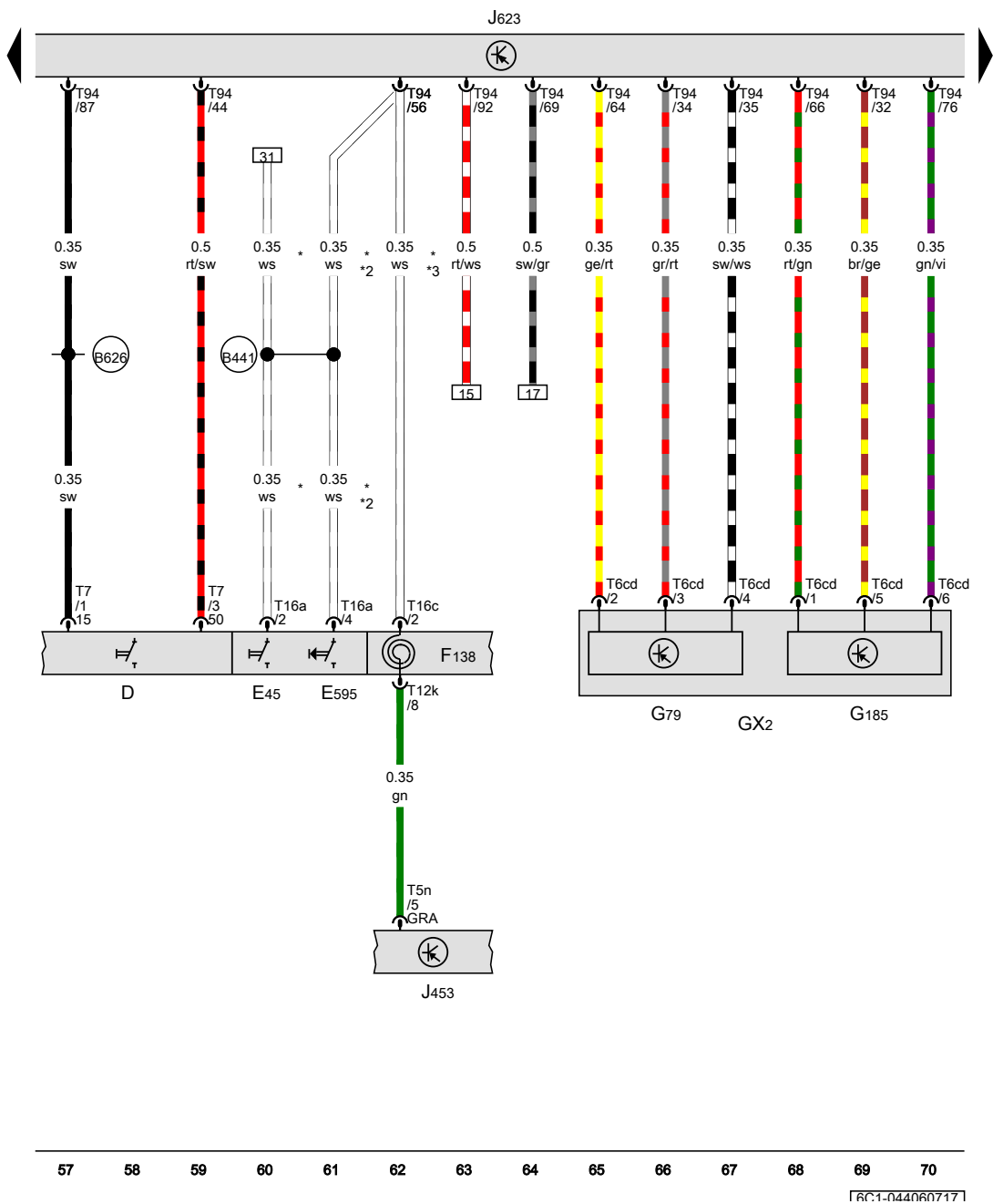
367 Earth connection 2, in main wiring harness

B350 Positive connection 1 (87a) 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

* According to equipment



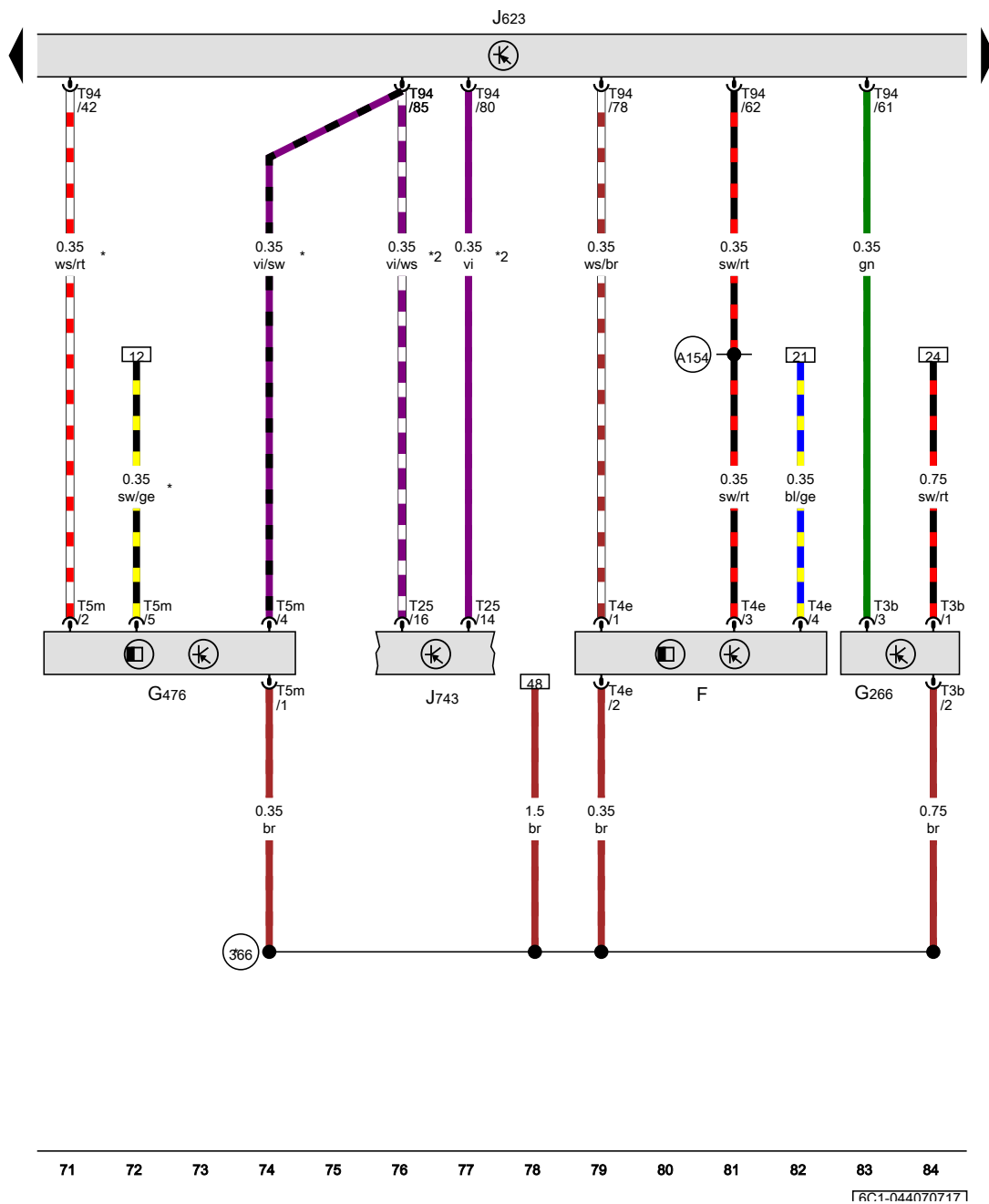
Steering column combination switch, Accelerator pedal module, Engine/motor control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J453 Multifunction steering wheel control unit, in steering wheel
- J623 Engine/motor control unit
- T5n 5-pin connector
- T6cd 6-pin connector, black
- T7 7-pin connector, black
- T12k 12-pin connector, yellow
- T16a 16-pin connector, black
- T16c 16-pin connector, black
- T94 94-pin connector, black

B441 Connection (CCS), in main wiring harness

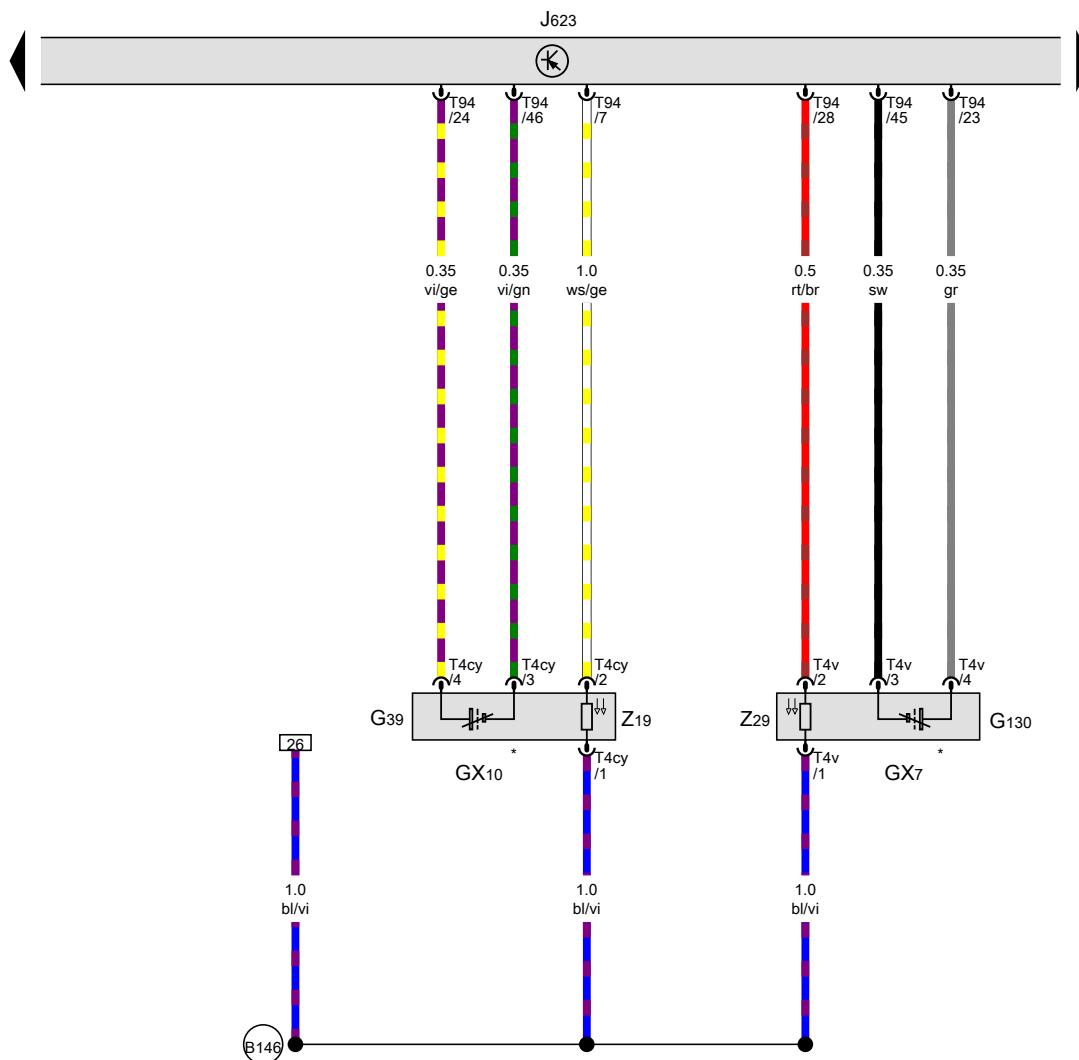
B626 Positive connection 2 (15), in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no Tiptronic
- *3 For models with Tiptronic



Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3b 3-pin connector, black
- T4e 4-pin connector, black
- T5m 5-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- 366 Earth connection 1, in main wiring harness
- A154 Connection (brake pedal switch), in dash panel wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox 0AM



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

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4cy 4-pin connector, black
- T4v 4-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

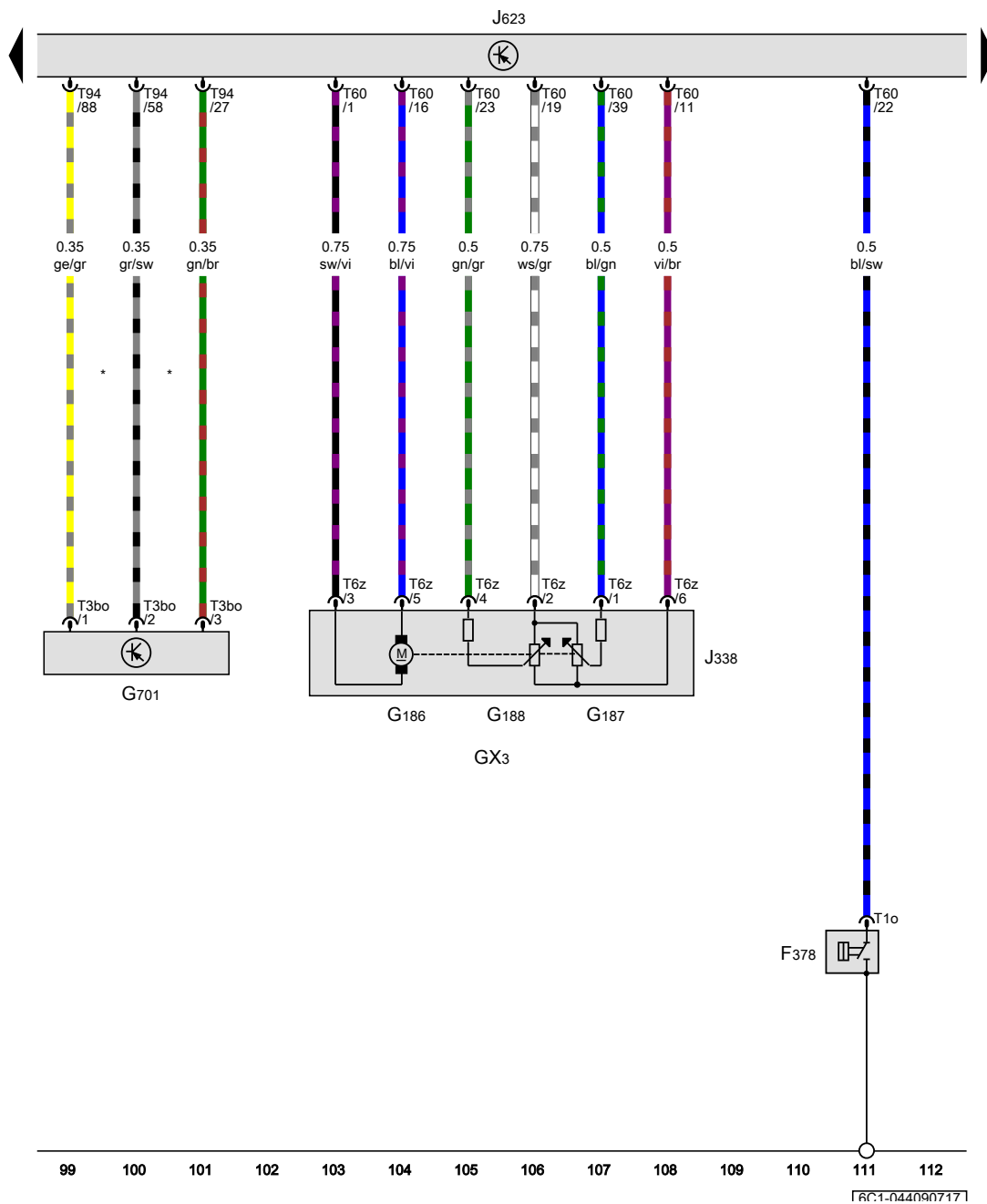
B146 Positive connection 1 (87), in interior wiring harness

- * Pre-wired component
- *2 For models with manual gearbox

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

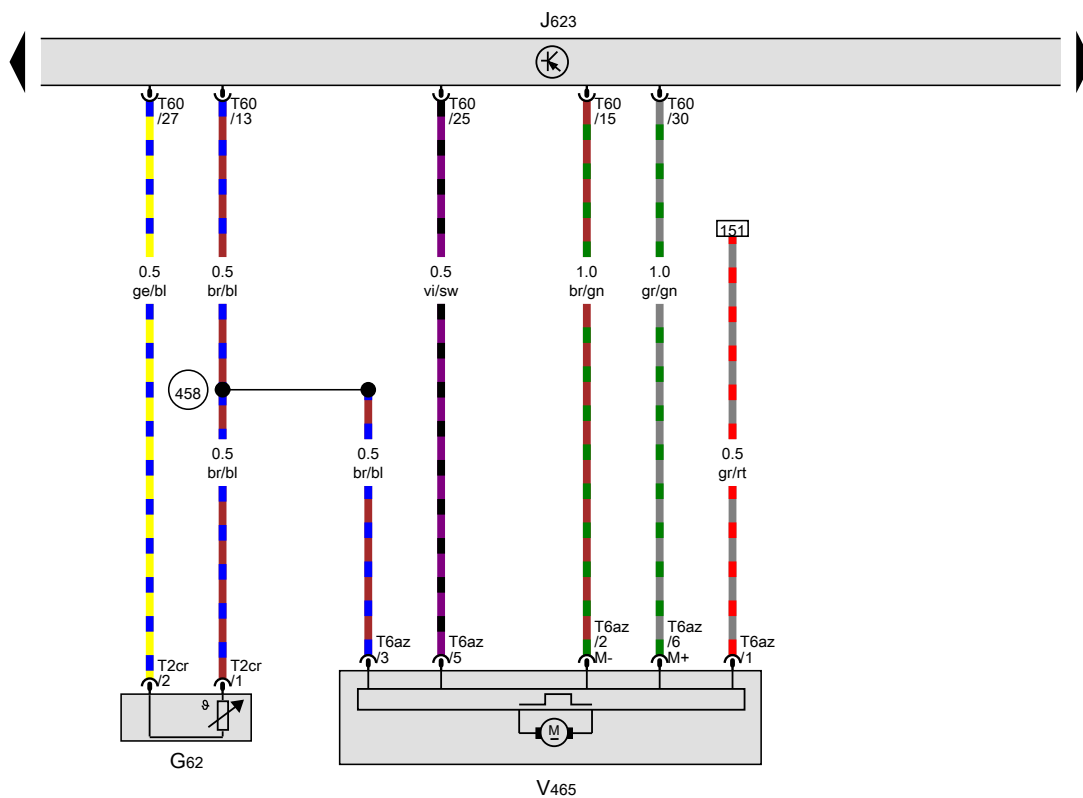
85 86 87 88 89 90 91 92 93 94 95 96 97 98

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Oil pressure switch for reduced oil pressure, Throttle valve module, Gearbox neutral position sender, Engine/motor control unit

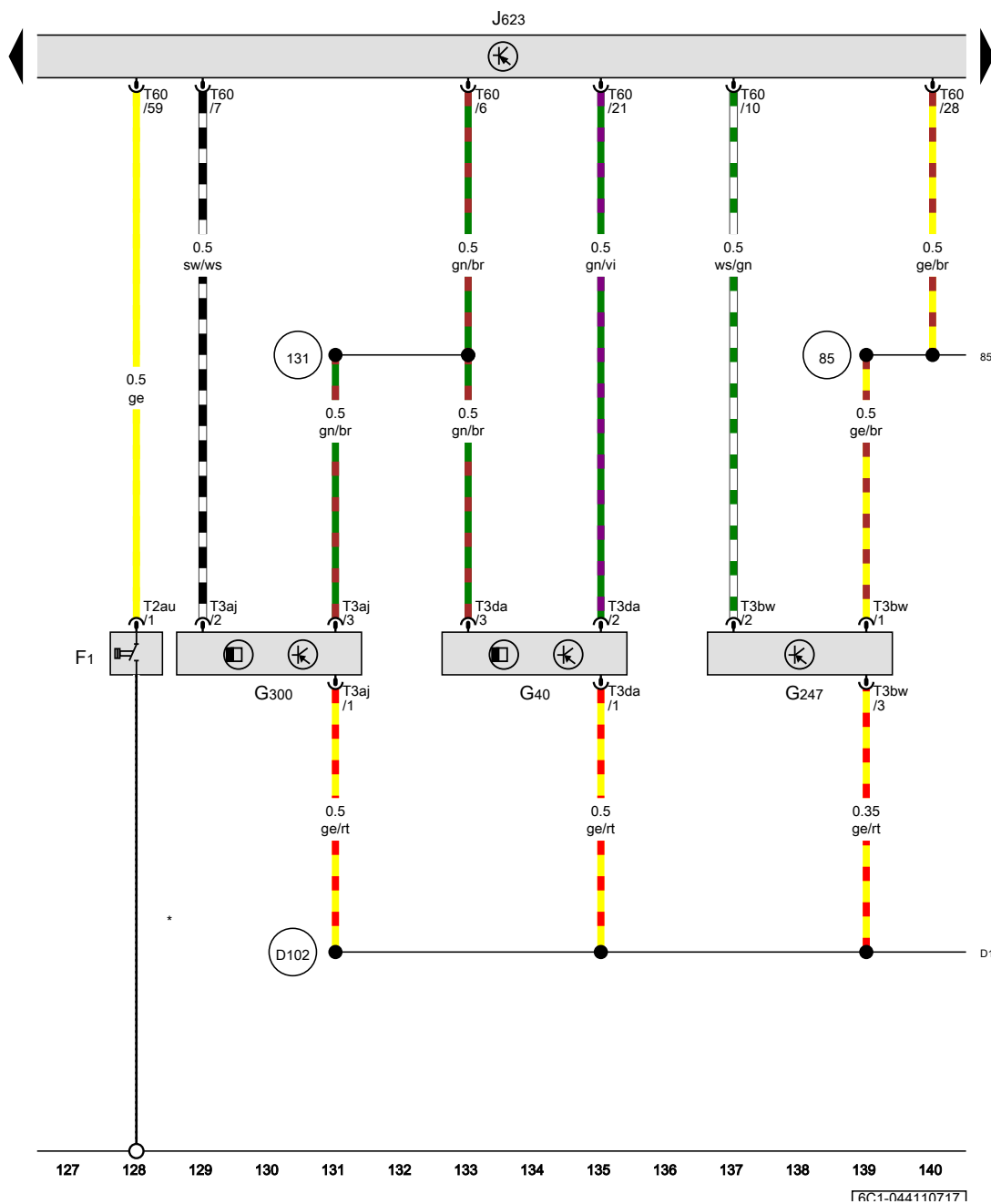
- F378 Oil pressure switch for reduced oil pressure
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T1o 1-pin connector, black
- T3bo 3-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * For models with manual gearbox



Coolant temperature sender, Engine/motor control unit,
Charge pressure positioner

- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cr 2-pin connector, black
- T6az 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner
- 458 Earth point 3, engine prewiring harness

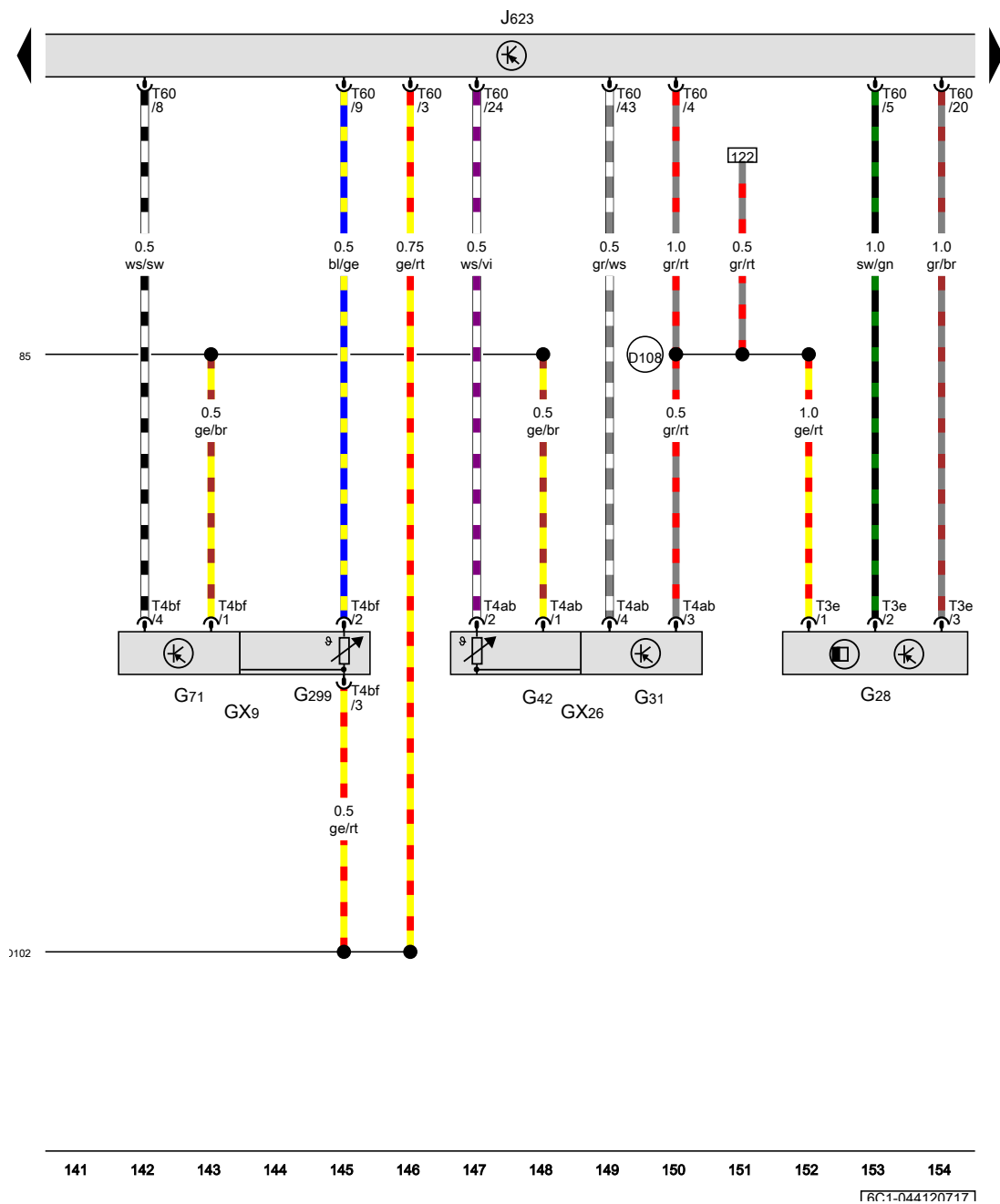
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Hall sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit

- F1 Oil pressure switch
- G40 Hall sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T2au 2-pin connector, black
- T3aj 3-pin connector
- T3bw 3-pin connector, black
- T3da 3-pin connector, black
- T60 60-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * Earth supply via housing

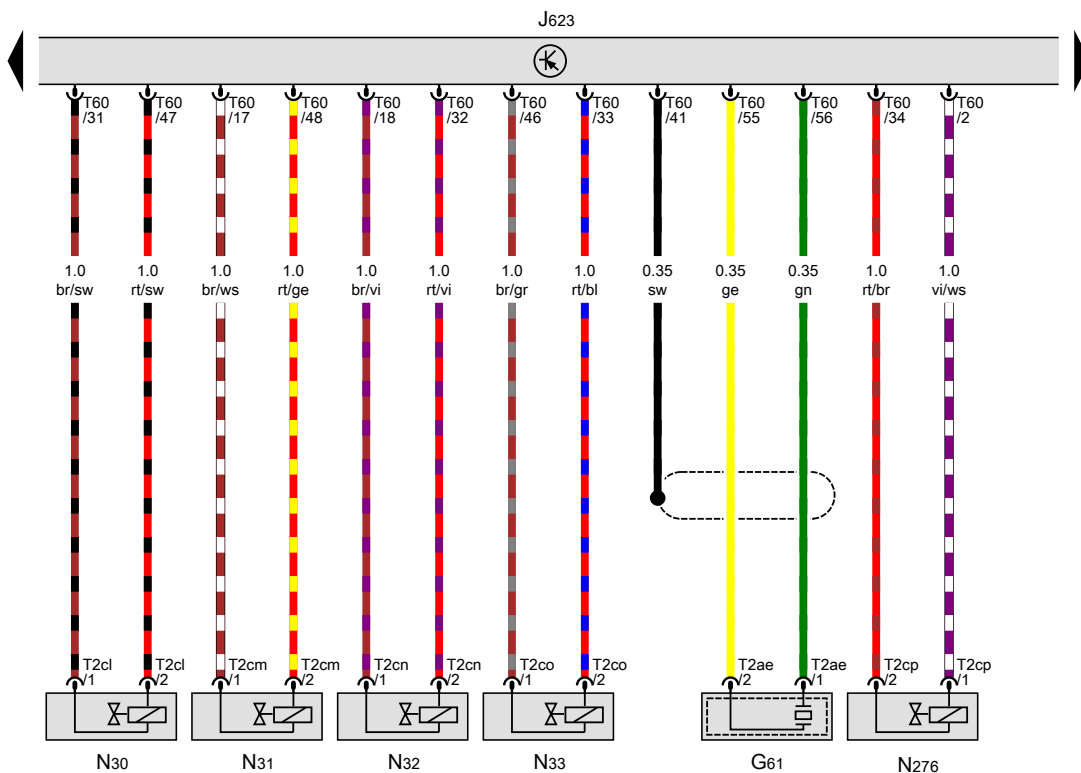


Intake manifold sender, Charge pressure sender, Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine/motor control unit

- GX9 Intake manifold sender
- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3e 3-pin connector, brown
- T4ab 4-pin connector, black
- T4bf 4-pin connector, black
- T60 60-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness

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



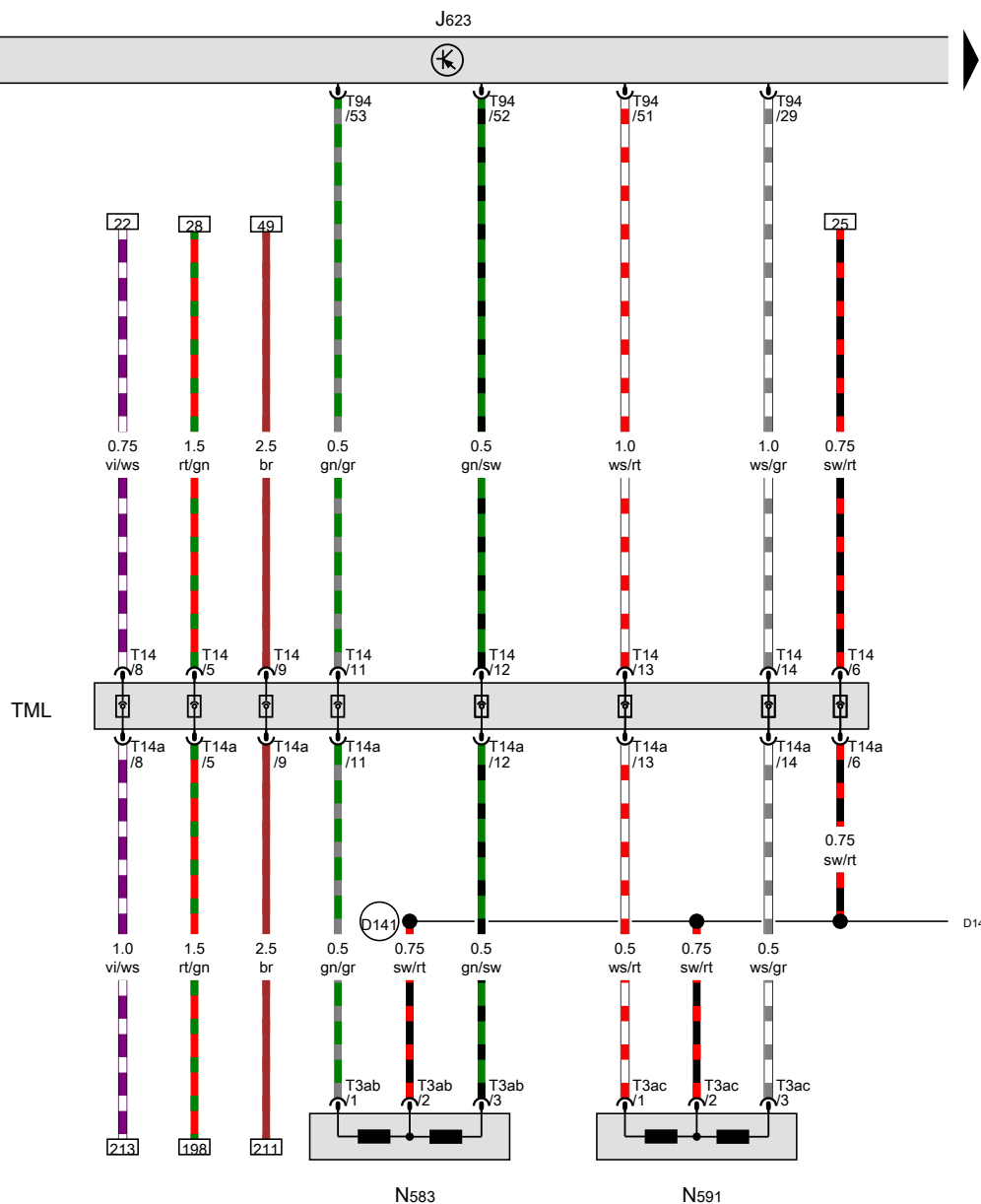
Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

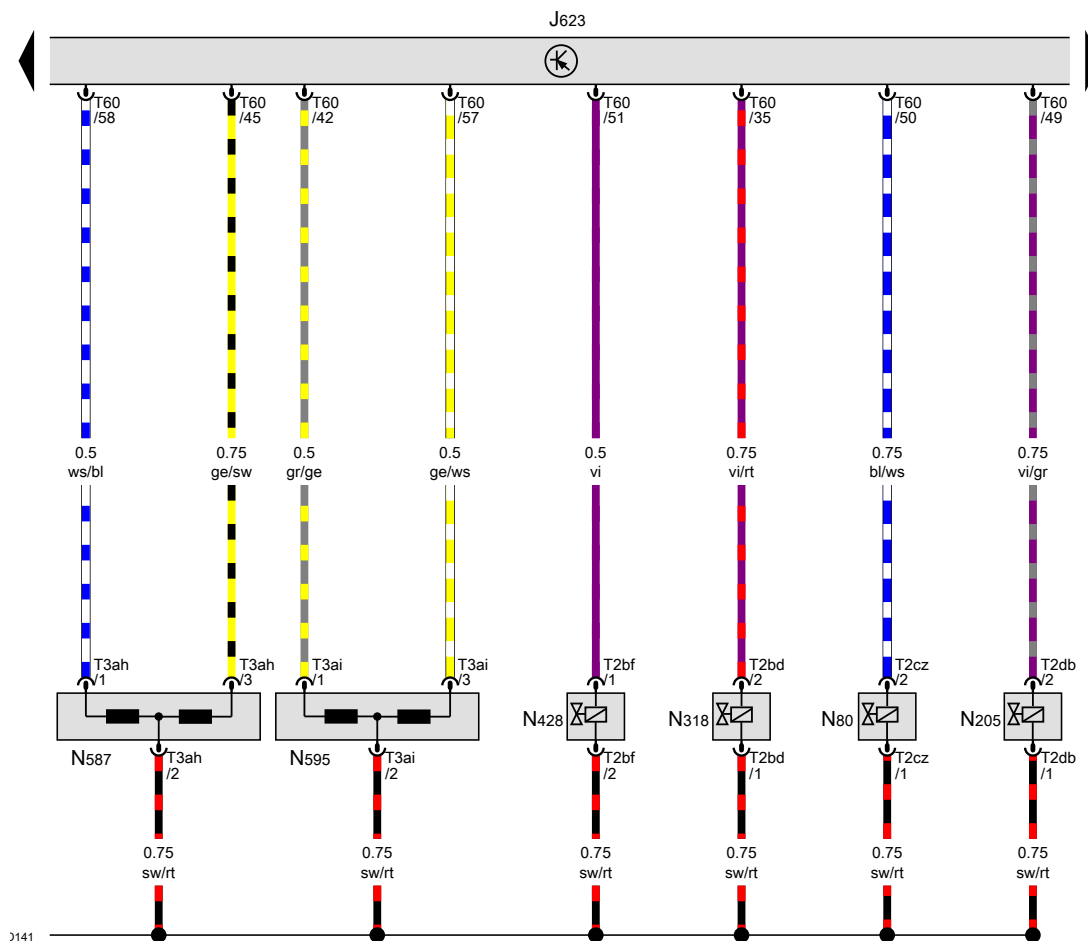
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N276 Fuel pressure regulating valve
- T2ae 2-pin connector, black
- T2cl 2-pin connector, black
- T2cm 2-pin connector, black
- T2cn 2-pin connector, black
- T2co 2-pin connector, black
- T2cp 2-pin connector, black
- T60 60-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

Engine/motor control unit

- J623 Engine/motor control unit
- N583 Inlet cam actuator for cylinder 2
- N591 Inlet cam actuator for cylinder 3
- T3ab 3-pin connector
- T3ac 3-pin connector
- T14 14-pin connector, grey
- T14a 14-pin connector, grey
- T94 94-pin connector, black
- TML Coupling point in engine compartment, left
- D141 Connection (5V) in engine prewiring harness





Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

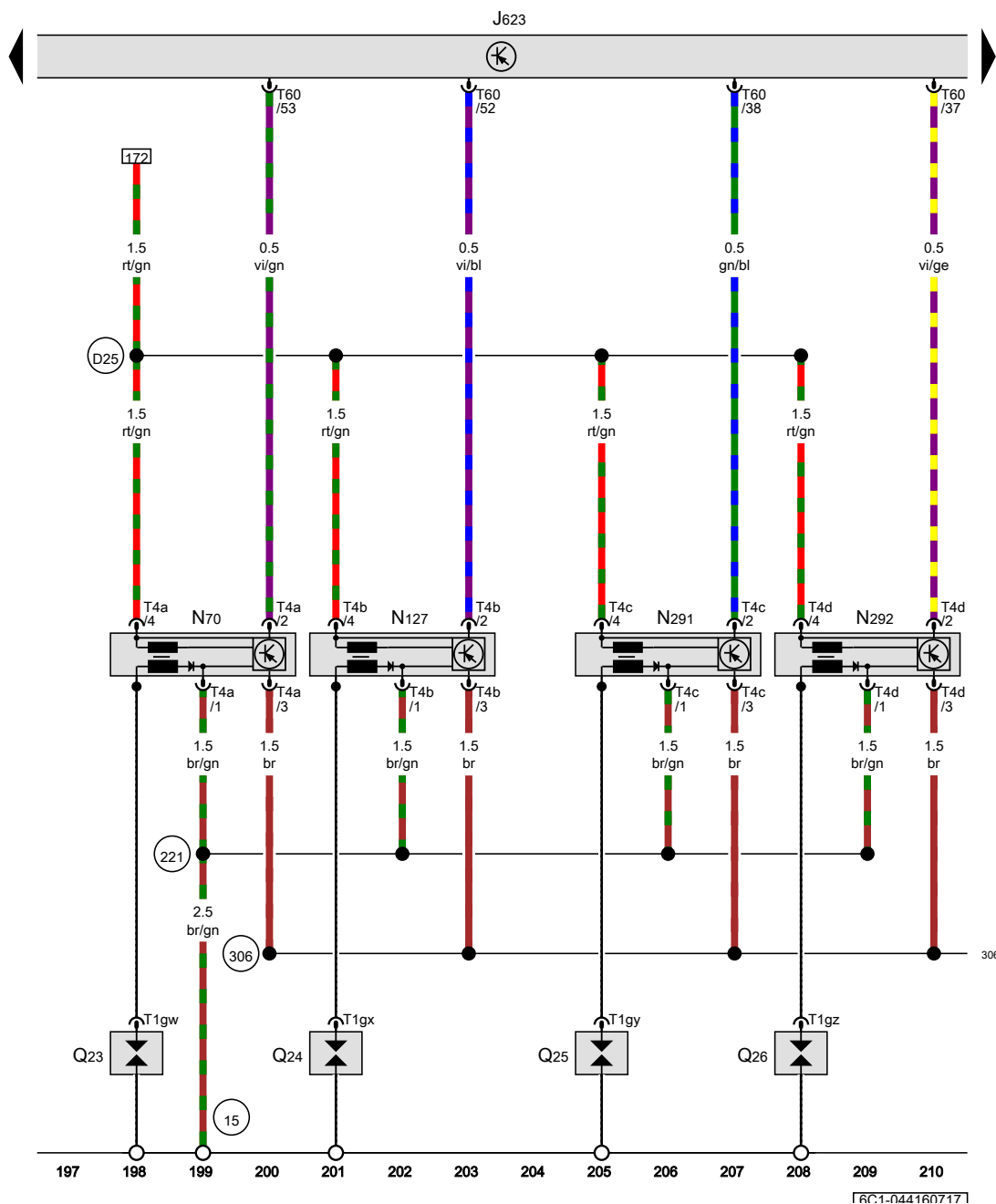
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N587 Exhaust cam actuator for cylinder 2
- N595 Exhaust cam actuator for cylinder 3
- T2bd 2-pin connector
- T2bf 2-pin connector
- T2cz 2-pin connector, black
- T2db 2-pin connector, black
- T3ah 3-pin connector
- T3ai 3-pin connector
- T60 60-pin connector, black

D141 Connection (5V) in engine prewiring harness

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

183 184 185 186 187 188 189 190 191 192 193 194 195 196

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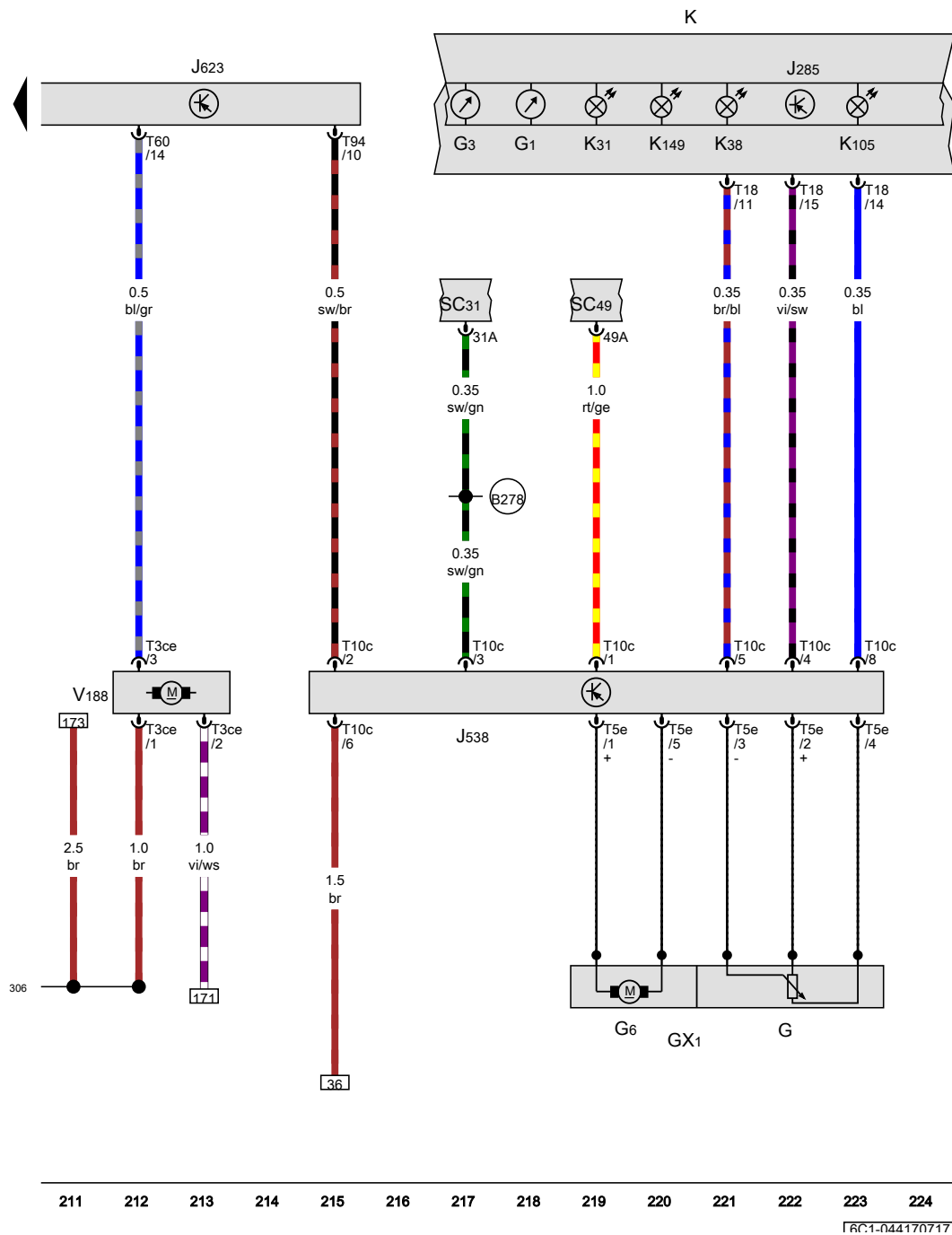


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T1gw 1-pin connector
- T1gx 1-pin connector
- T1gy 1-pin connector
- T1gz 1-pin connector
- T4a 4-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T4d 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

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



Fuel gauge, Fuel delivery unit, Coolant temperature gauge, Fuel system pressurisation pump, Engine/motor control unit, Dash panel insert, Charge air cooling pump

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K149 Engine electronics warning lamp
- SC31 Fuse 31 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3ce 3-pin connector, black
- T5e 5-pin connector, black
- T10c 10-pin connector, black
- T18 18-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V188 Charge air cooling pump

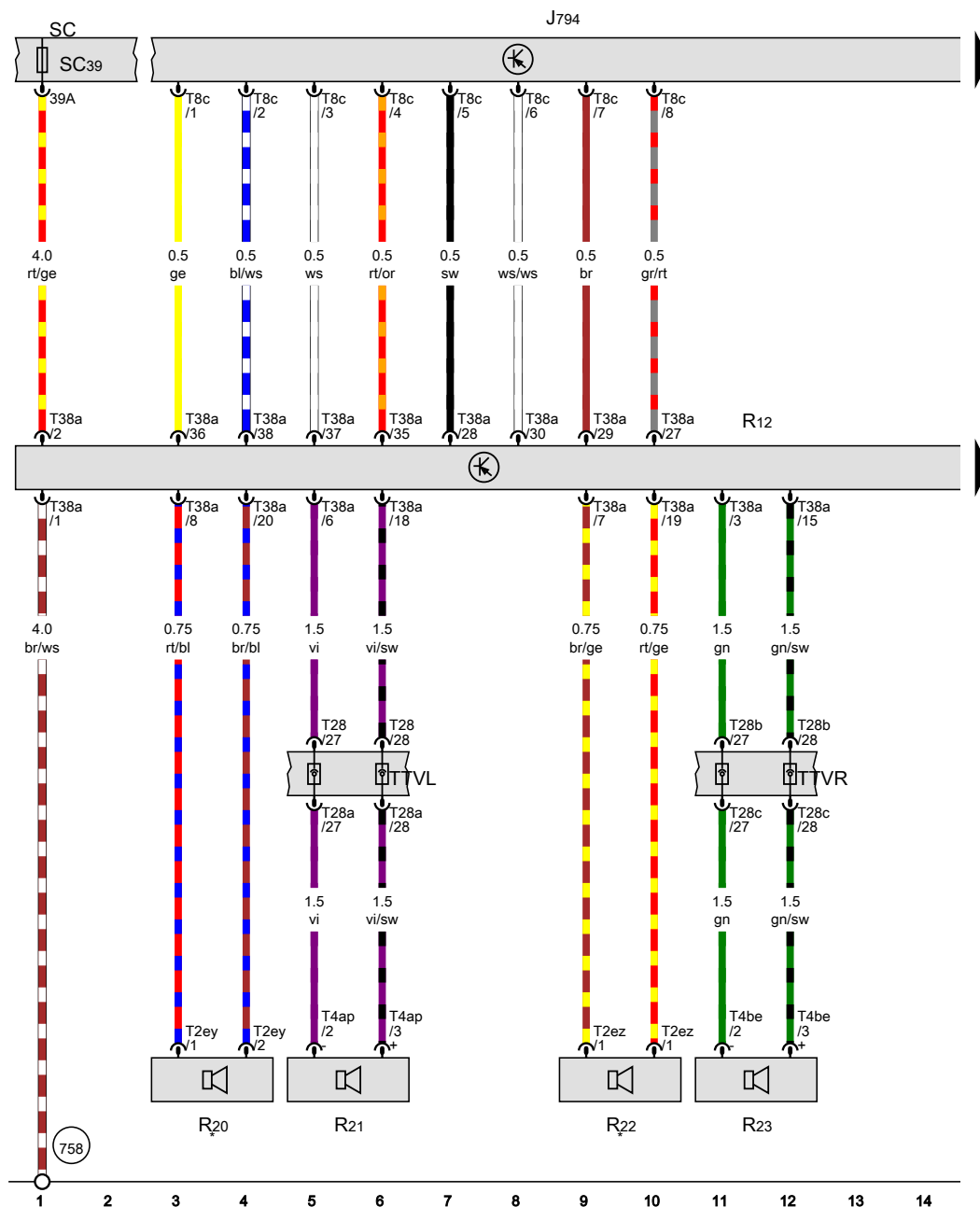
306 Earth connection (ignition coils), in engine prewiring harness

B278 Positive connection 2 (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

Sound system , (9VG)

From May 2016



Control unit 1 for information electronics, Amplifier, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

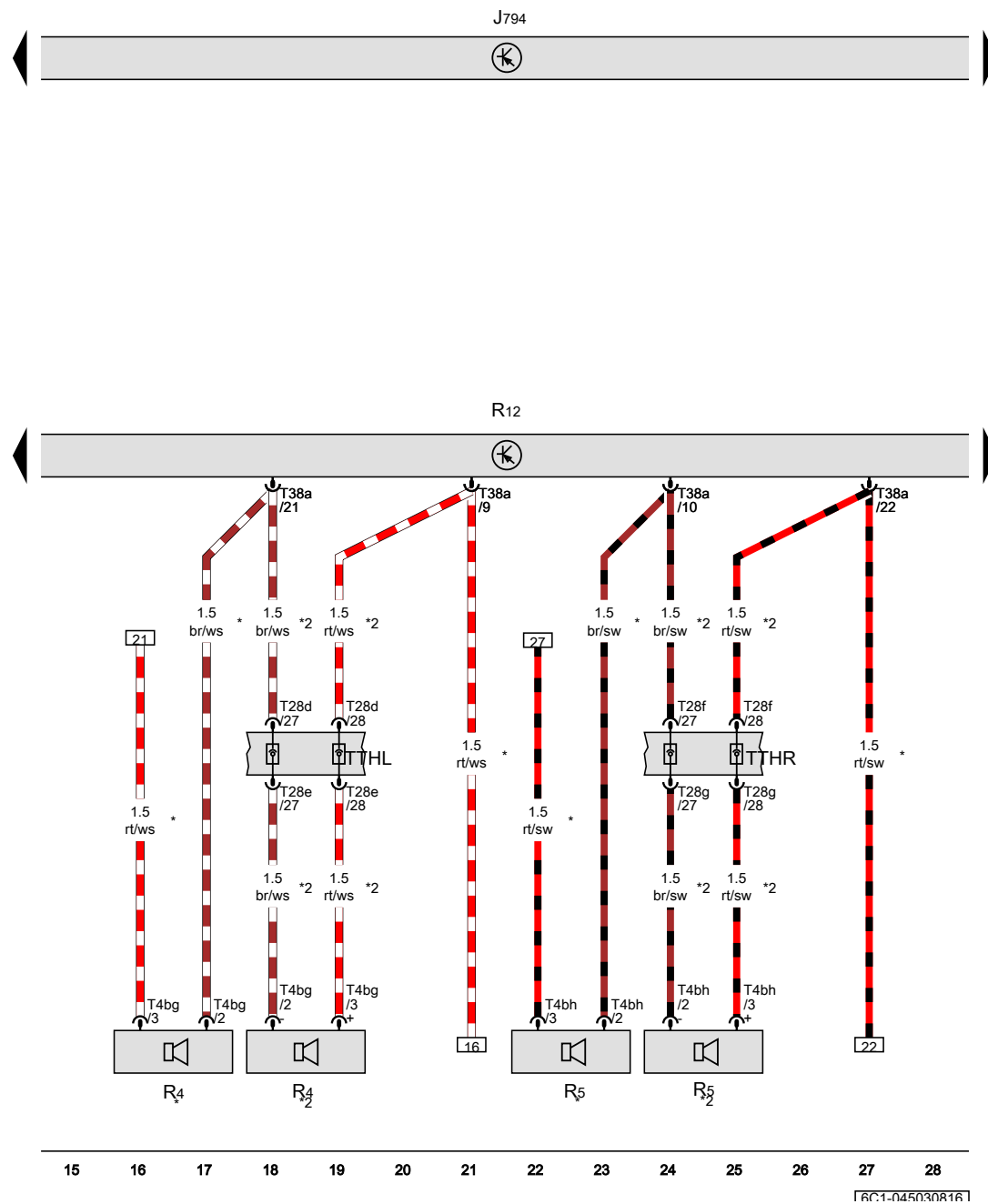
- J794 Control unit 1 for information electronics
- R12 Amplifier
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- SC Fuse holder C
- SC39 Fuse 39 on fuse holder C
- T2ey 2-pin connector, black
- T2ez 2-pin connector, black
- T4ap 4-pin connector, black
- T4be 4-pin connector, black
- T8c 8-pin connector, brown
- T28 28-pin connector, black
- T28a 28-pin connector, black
- T28b 28-pin connector, black
- T28c 28-pin connector, black
- T38a 38-pin connector, black
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door

758 Earth point 3, on centre tunnel

* According to equipment

Control unit 1 for information electronics, Rear left loudspeaker, Rear right loudspeaker, Amplifier

- J794 Control unit 1 for information electronics
- R4 Rear left loudspeaker
- R5 Rear right loudspeaker
- R12 Amplifier
- T4bg 4-pin connector, black
- T4bh 4-pin connector, black
- T28d 28-pin connector, grey
- T28e 28-pin connector, black
- T28f 28-pin connector, grey
- T28g 28-pin connector, black
- T38a 38-pin connector, black
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- * Only models with 2-doors
- *2 Only models with 4-doors

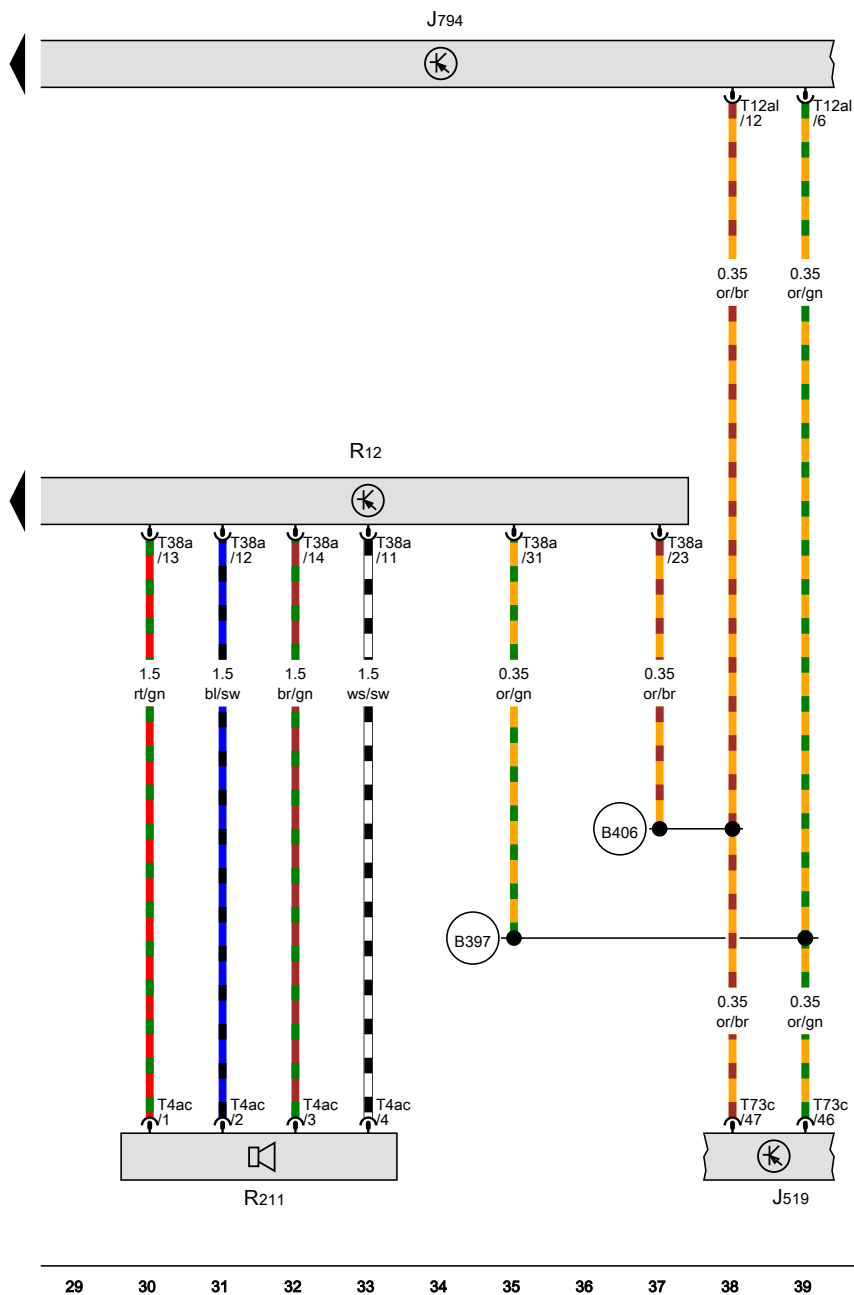


Onboard supply control unit, Control unit 1 for information electronics, Amplifier, Subwoofer

- J519 Onboard supply control unit
- J794 Control unit 1 for information electronics
- R12 Amplifier
- R211 Subwoofer
- T4ac 4-pin connector, brown
- T12al 12-pin connector, grey
- T38a 38-pin connector, black
- T73c 73-pin connector, black

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

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

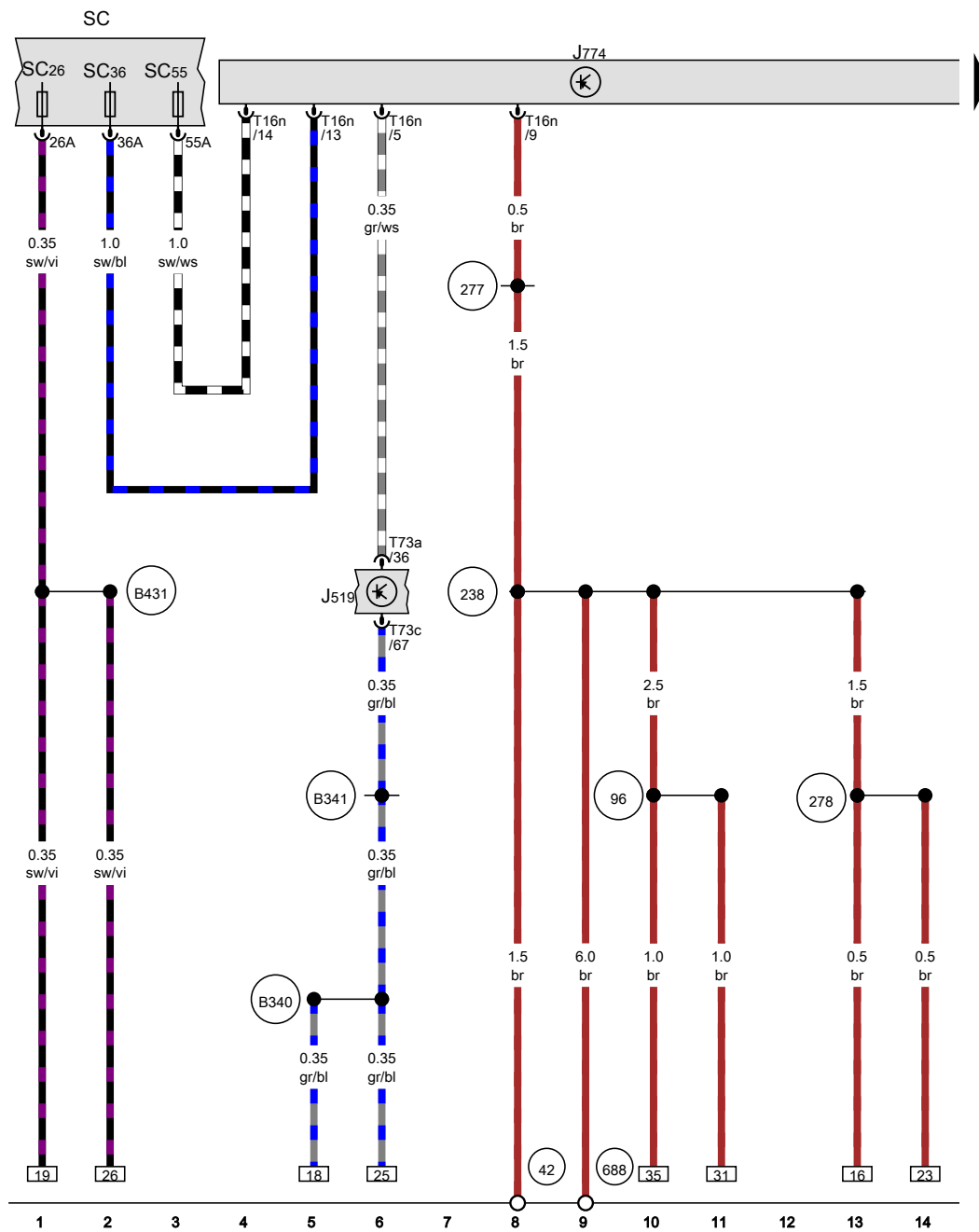


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

16C:1-045040R16

Seat heating , (4A3),(L0R)

From April 2014



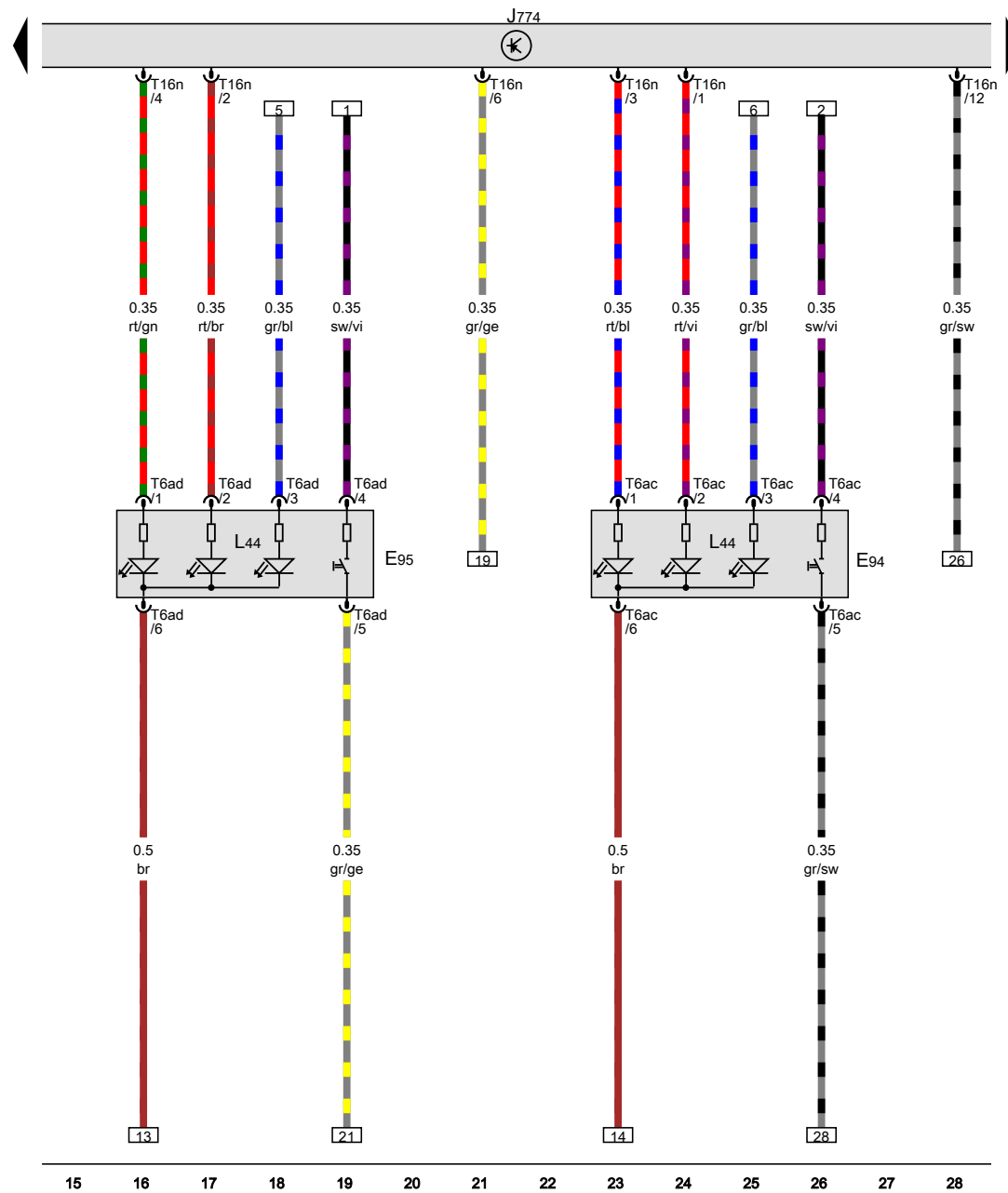
Onboard supply control unit, Heated front seats control unit, Fuse holder C

- J519 Onboard supply control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T16n 16-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 42 Earth point, next to steering column
- 96 Earth connection 1, in seat heating wiring harness
- 238 Earth connection 1, in interior wiring harness
- 277 Earth connection 3, in interior wiring harness
- 278 Earth connection 4, in interior wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- B431 Connection (seat heating), in main wiring harness

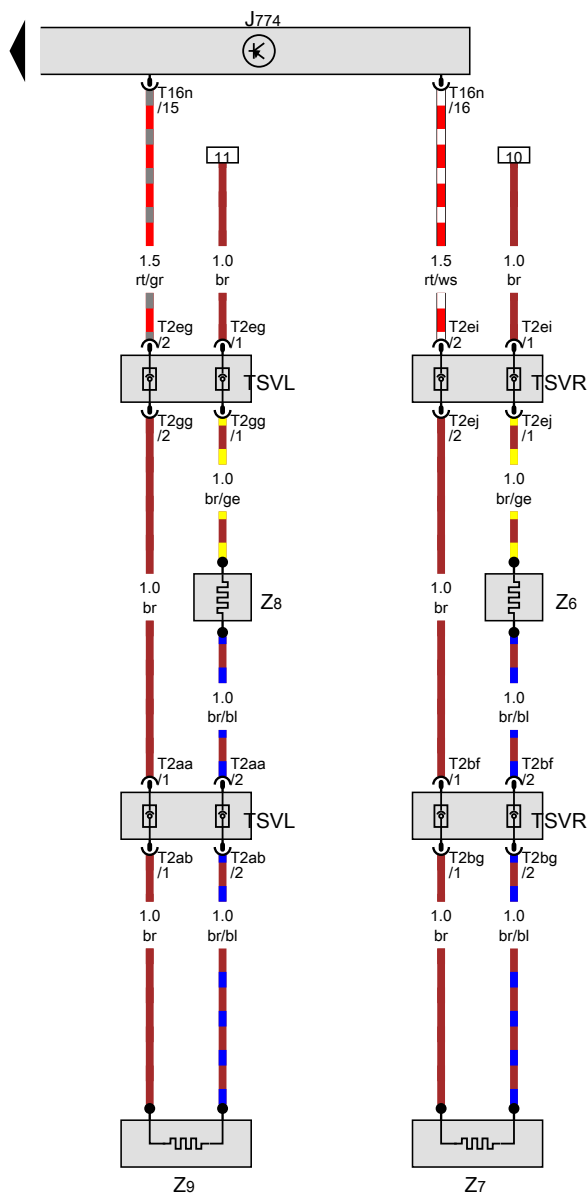
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Heated driver seat regulator, Heated front passenger seat regulator, Heated front seats control unit

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- J774 Heated front seats control unit
- L44 Seat heating switch illumination bulb
- T6ac 6-pin connector, black
- T6ad 6-pin connector, black
- T16n 16-pin connector, black



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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

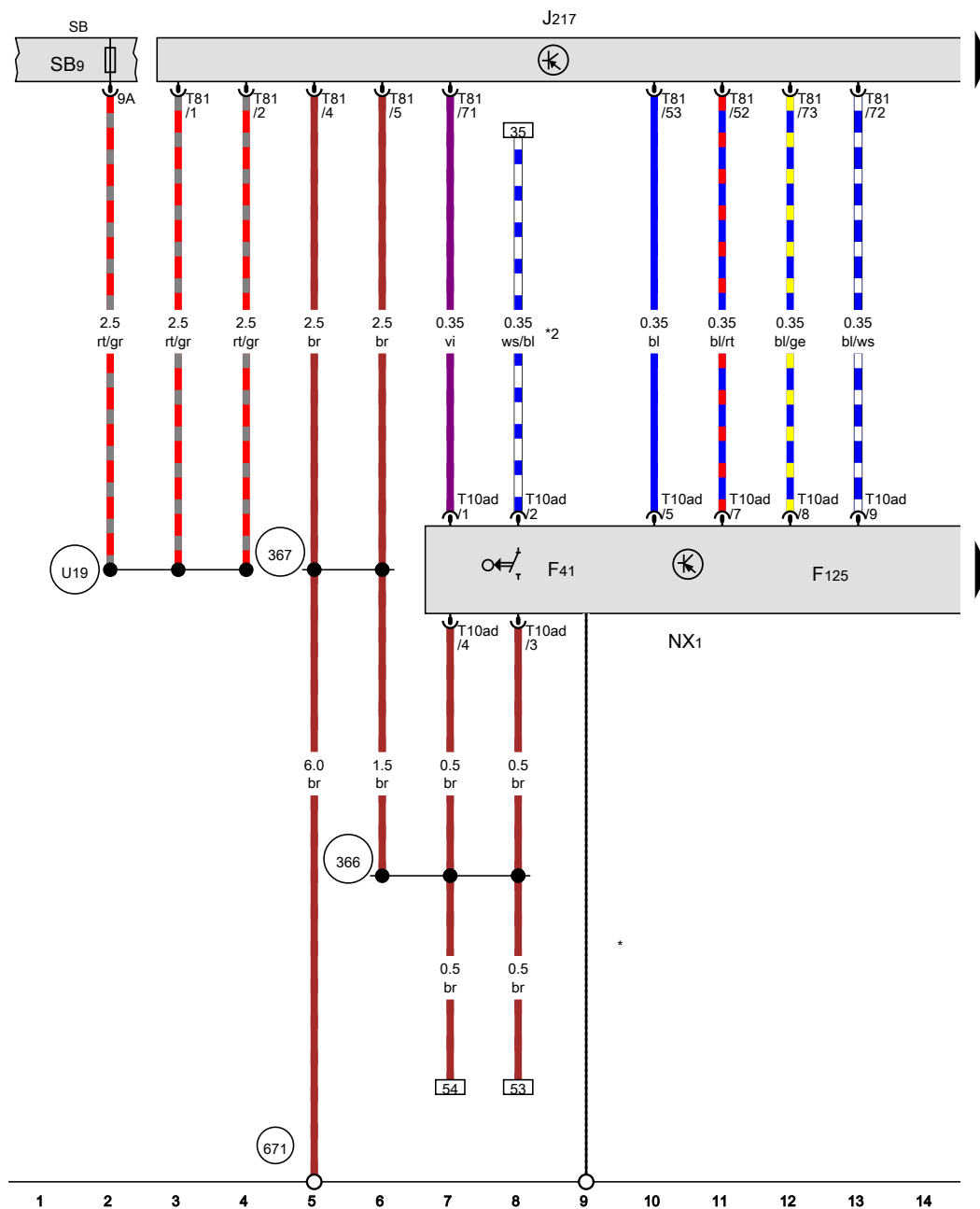
- J774 Heated front seats control unit
- T2aa 2-pin connector, black
- T2ab 2-pin connector, black
- T2bf 2-pin connector, black
- T2bg 2-pin connector, black
- T2eg 2-pin connector, black
- T2ei 2-pin connector, black
- T2ej 2-pin connector, black
- T2gg 2-pin connector, black
- T16n 16-pin connector, black
- TSVL Coupling point for front left seat
- TSVR Coupling point for front right seat
- 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

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6-speed automatic gearbox , (01D)

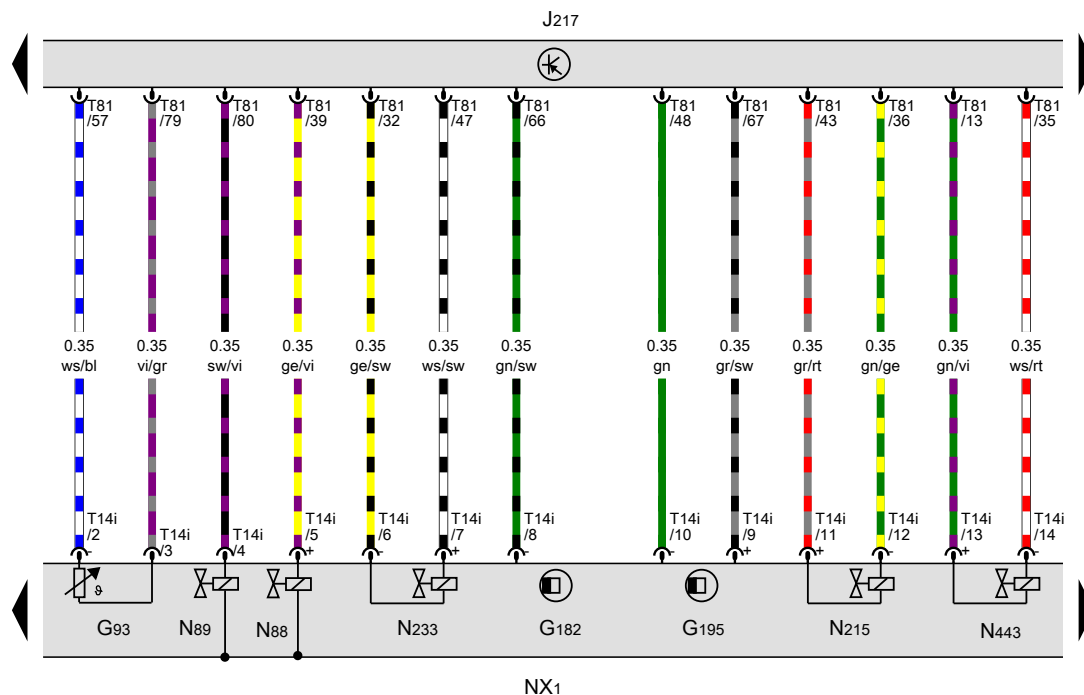
From November 2016

Multifunction switch, Automatic gearbox control unit, Gearbox



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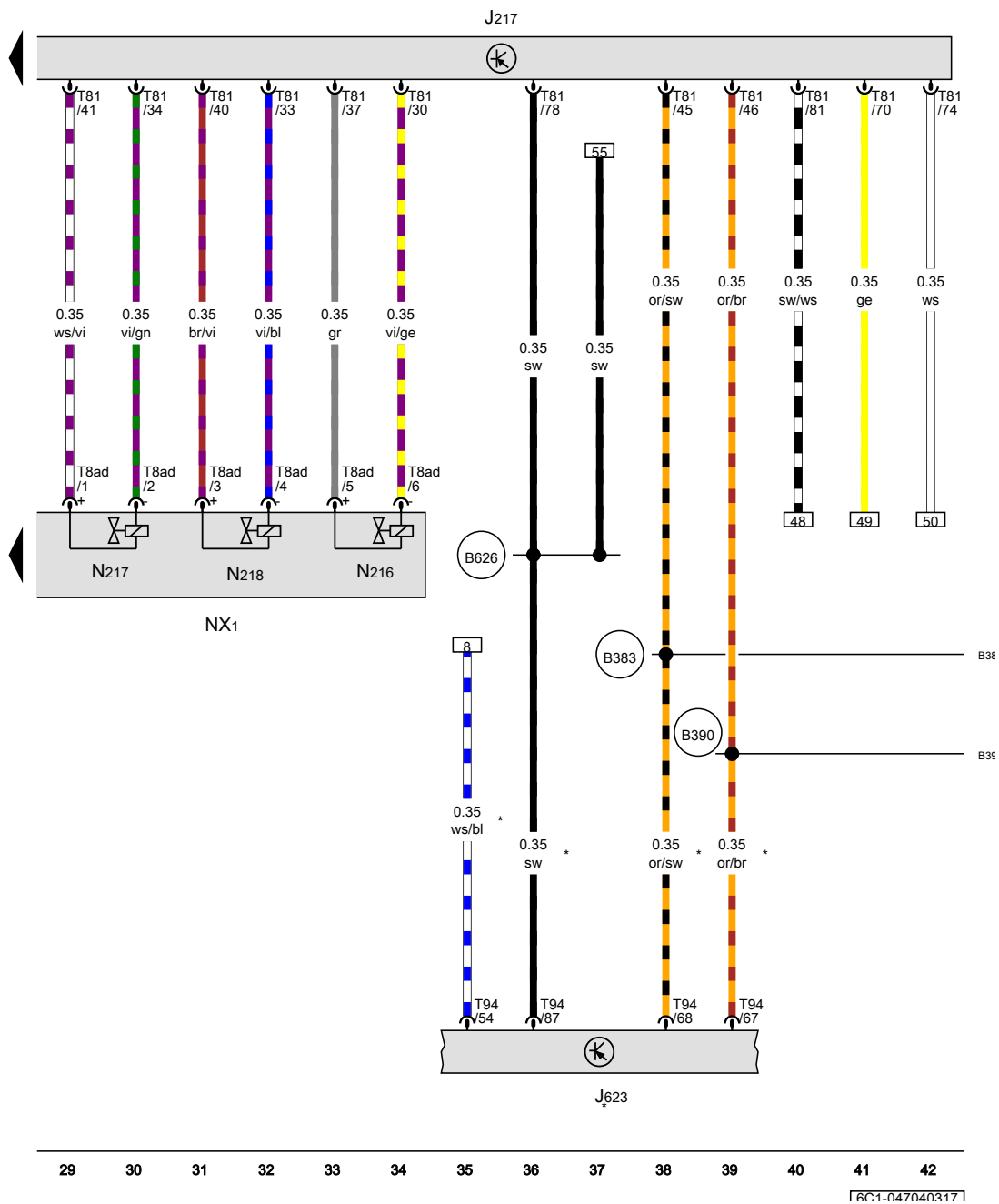
- F41 Reversing switch
- F125 Multifunction switch
- J217 Automatic gearbox control unit
- NX1 Gearbox
- SB Fuse holder B
- SB9 Fuse 9 on fuse holder B
- T10ad 10-pin connector, black
- T81 81-pin connector, black
- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- U19 Positive connection 2 (30a) in automatic gearbox wiring harness
- * Earth supply via housing
- *2 see applicable current flow diagram for engine



Gearbox oil temperature sender, Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Gearbox, Solenoid valve 2, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 7

- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N215 Automatic gearbox pressure regulating valve 1
- N233 Automatic gearbox pressure regulating valve 5
- N443 Automatic gearbox pressure regulating valve 7
- T14i 14-pin connector, black
- T81 81-pin connector, black

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Automatic gearbox control unit, Engine control unit, Gearbox, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 4

J217 Automatic gearbox control unit

J623 Engine control unit

NX1 Gearbox

N216 Automatic gearbox pressure regulating valve 2

N217 Automatic gearbox pressure regulating valve 3

N218 Automatic gearbox pressure regulating valve 4

T8ad 8-pin connector, black

T81 81-pin connector, black

T94 94-pin connector, black

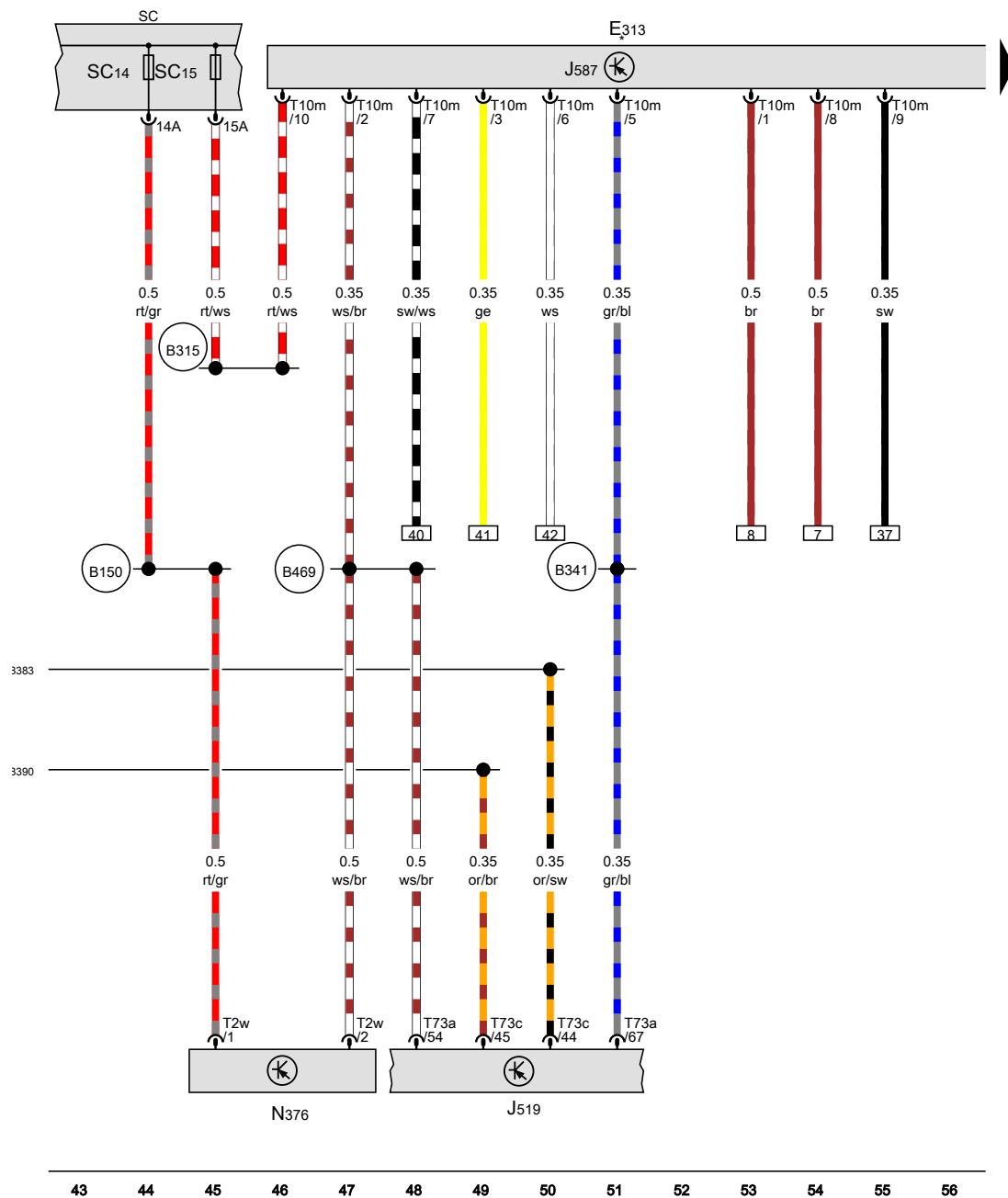
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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

B626 Positive connection 2 (15), in main wiring harness

* see applicable current flow diagram for engine

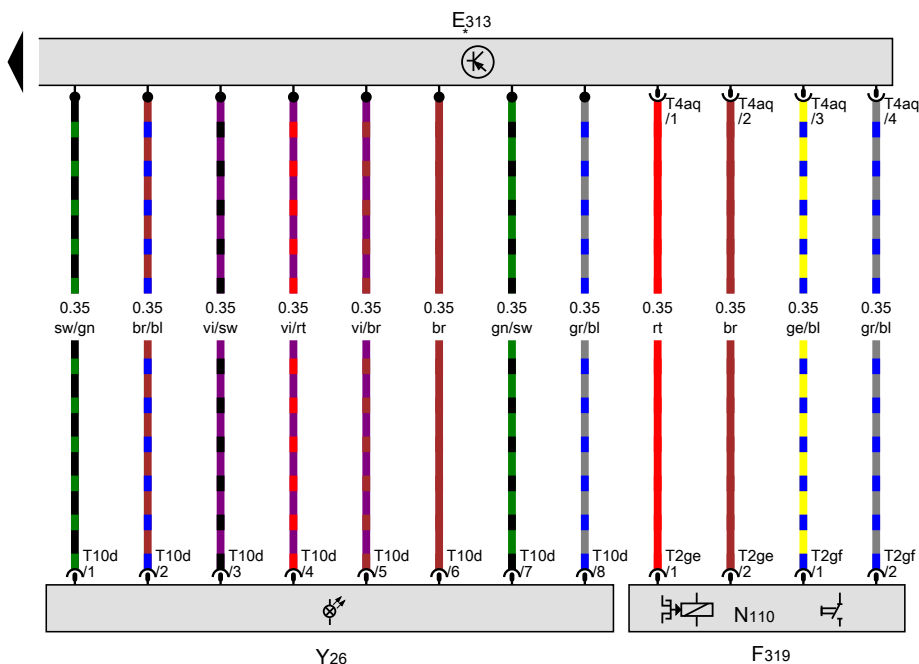
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Selector lever, Onboard supply control unit, Ignition key withdrawal lock solenoid, Fuse holder C

- E313 Selector lever
- J519 Onboard supply control unit
- J587 Selector lever sensors control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- T2w 2-pin connector, black
- T10m 10-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- B150 Positive connection 2 (30a), in interior wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B341 Connection 2 (58d), 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
- B469 Connection 5, in main wiring harness
- * Pre-wired component



Selector lever, Selector lever locked in position P switch, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- N110 Selector lever lock solenoid
- T2ge 2-pin connector, black
- T2gf 2-pin connector, black
- T4aq 4-pin connector, black
- T10d 10-pin connector, black
- Y26 Selector lever position display
- * Pre-wired component

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