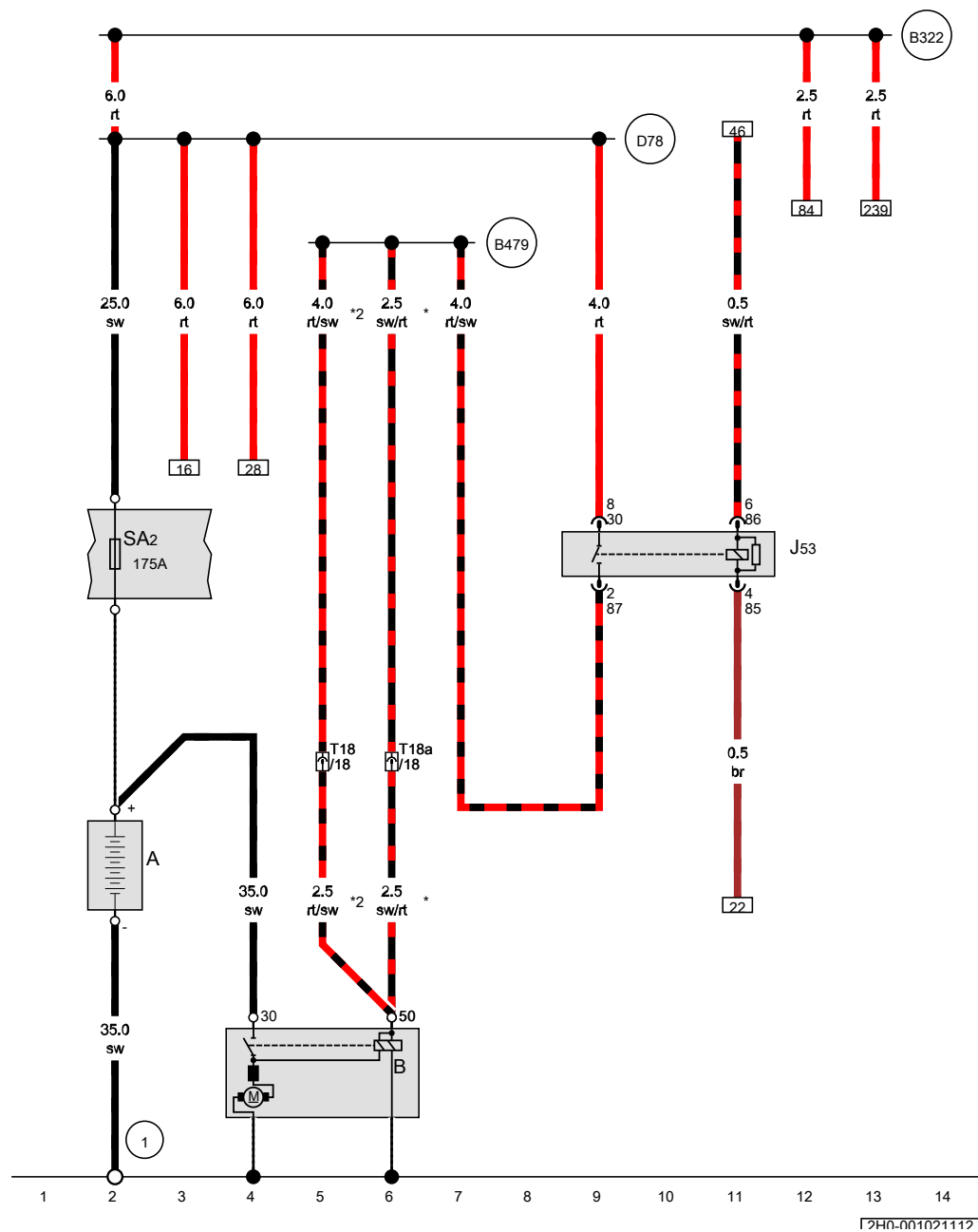


Basic equipment

From December 2009

A	Battery
B	Starter
J53	Starter motor relay
SA2	Fuse 2 in fuse holder A
T18	18-pin connector, near engine control unit
T18a	18-pin connector, near engine control unit

- 1 Earth strap, battery - body
- B322 Positive connection 8 (30a) in main wiring harness
- B479 Connection 15, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine



ws = white
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Terminal 58b relief relay, Voltage supply relay 2

J374 Terminal 58b relief relay

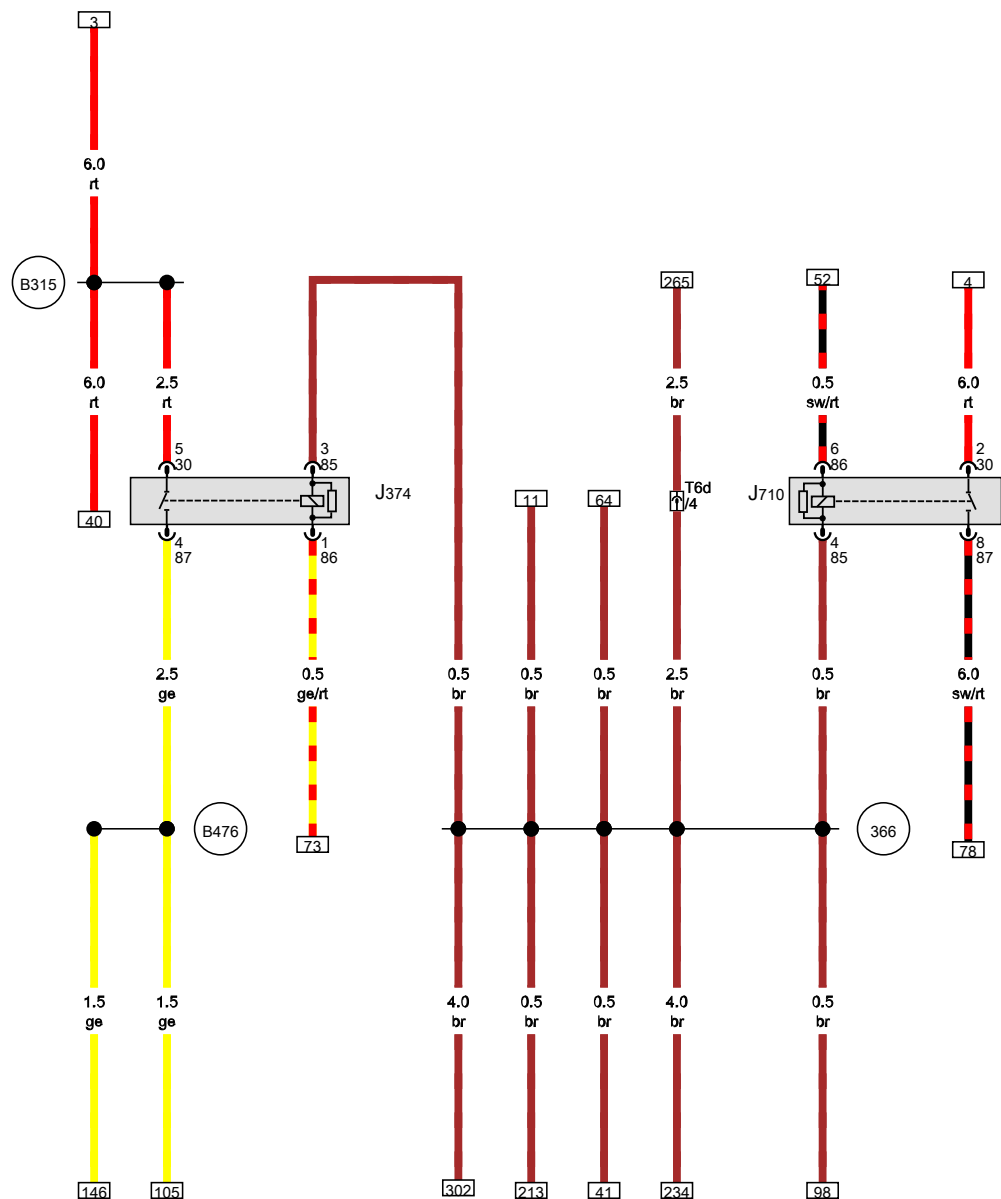
J710 Voltage supply relay 2

T6d 6-pin connector

366 Earth connection 1, in main wiring harness

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

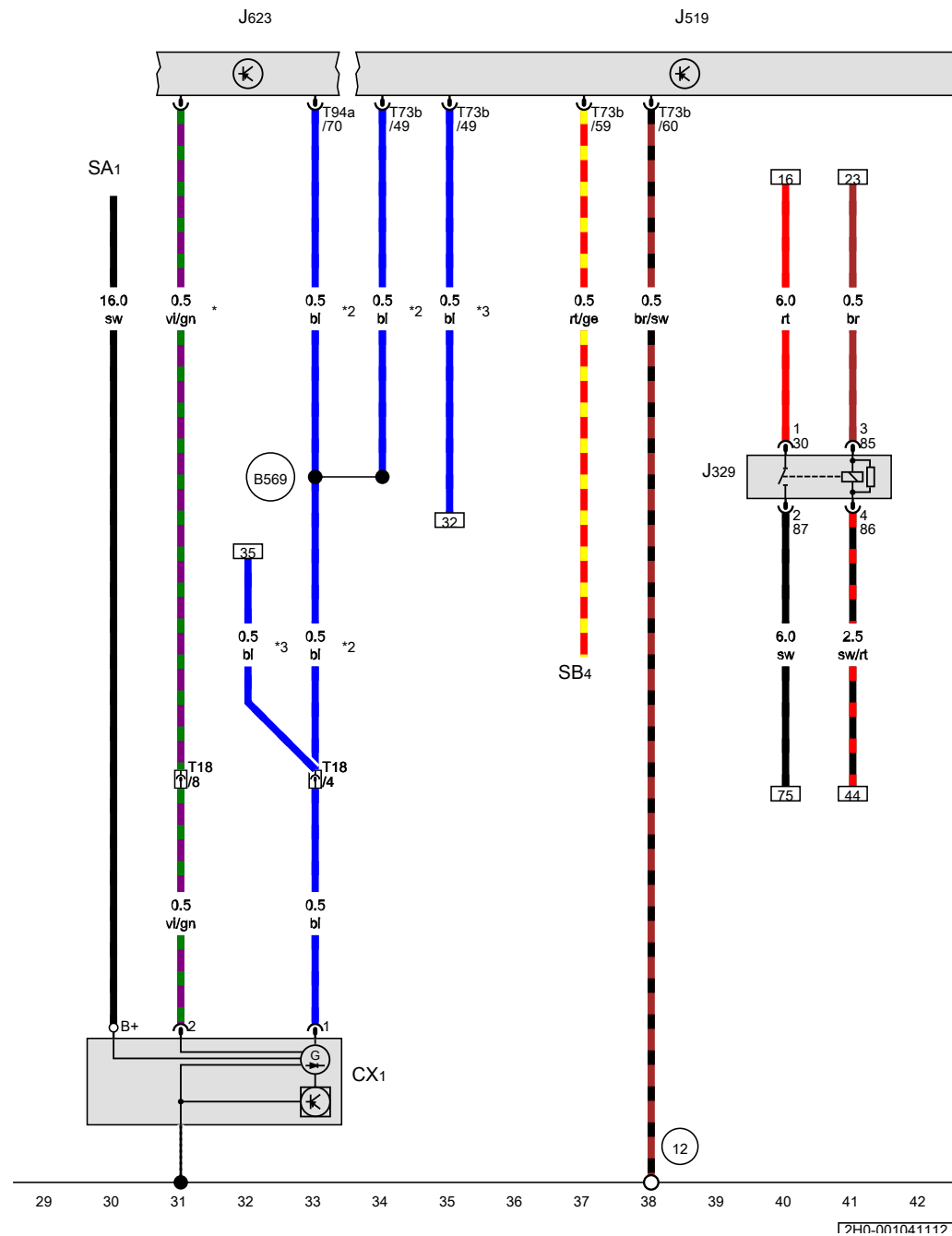
B476 Connection 12, in main wiring harness

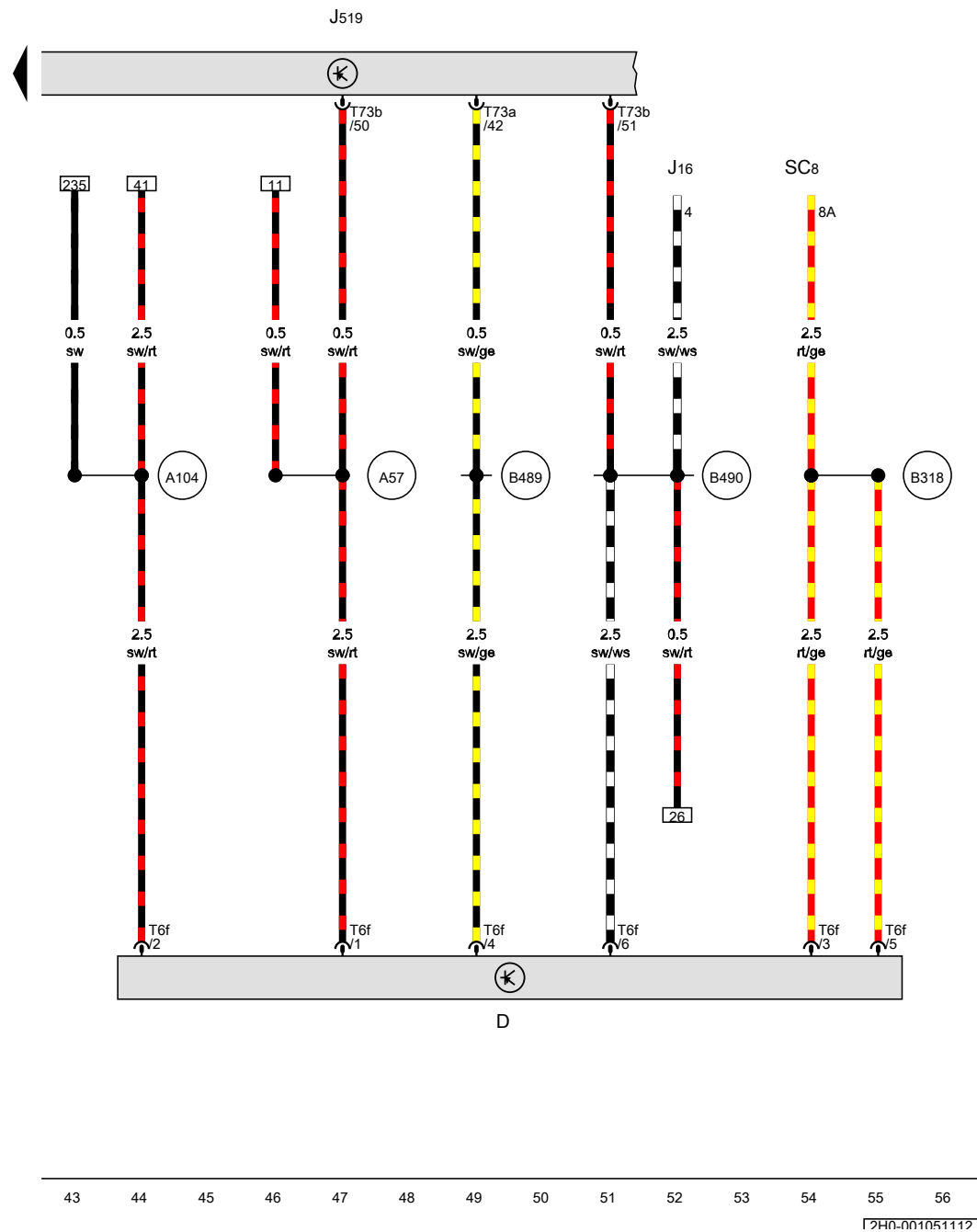


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Alternator with voltage regulator, Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse 4 on fuse holder B

- CX1 Alternator with voltage regulator
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SB4 Fuse 4 on fuse holder B
- T18 18-pin connector, near engine control unit
- T73b 73-pin connector
- T94a 94-pin connector
- 12 Earth point, on left in engine compartment
- B569 Connection 36, in main wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine





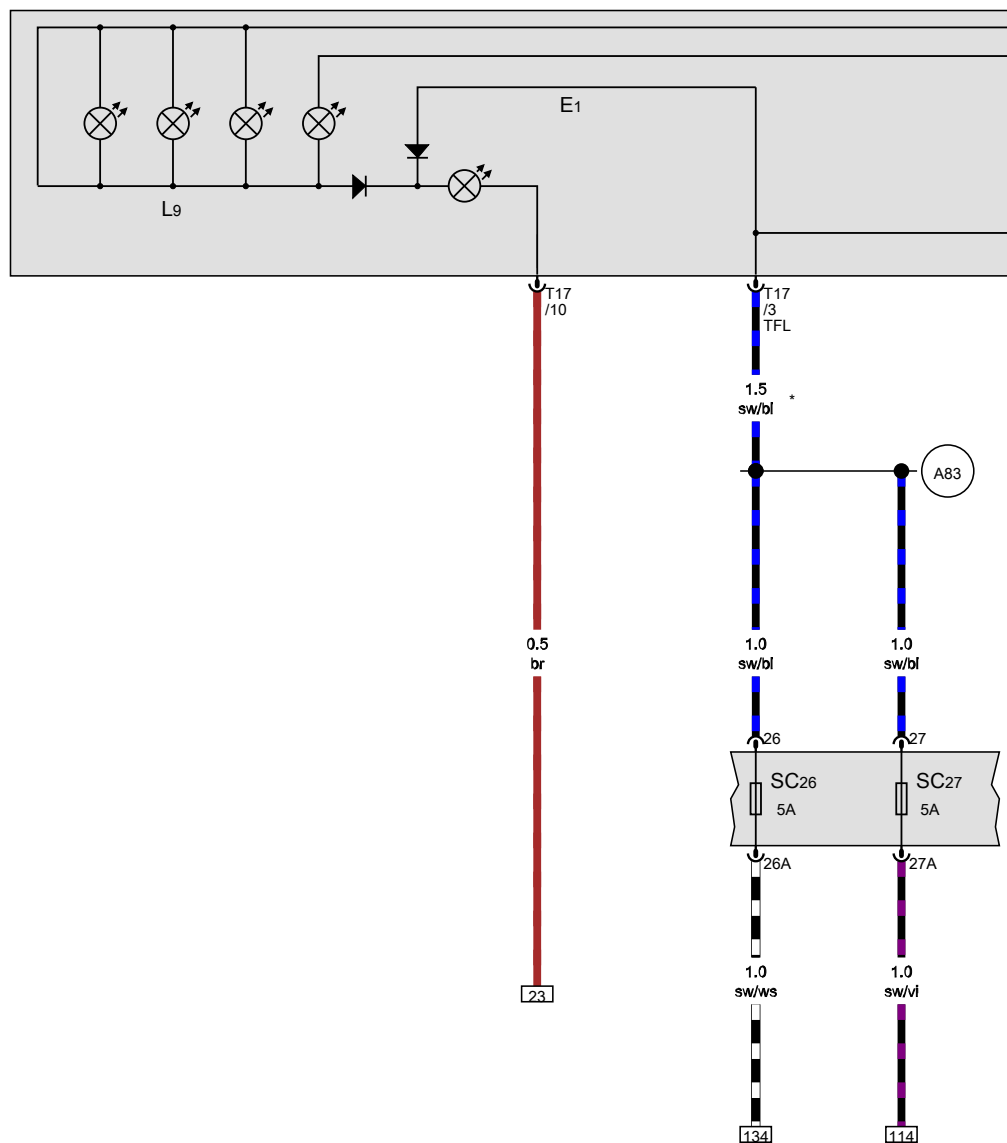
Ignition/starter switch, Onboard supply control unit

- D Ignition/starter switch
- J16 Current supply relay
- J519 Onboard supply control unit
- SC8 Fuse 8 on fuse holder C
- T6f 6-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- A57 Positive connection 3 (30), in dash panel wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- B490 Connection 26, in main wiring harness

Light switch, Light switch illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

- E1 Light switch
- L9 Light switch illumination bulb
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T17 17-pin connector
- A83 Connection (daytime running lights), in dash panel wiring harness
- * Only models with daytime running lights



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Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C

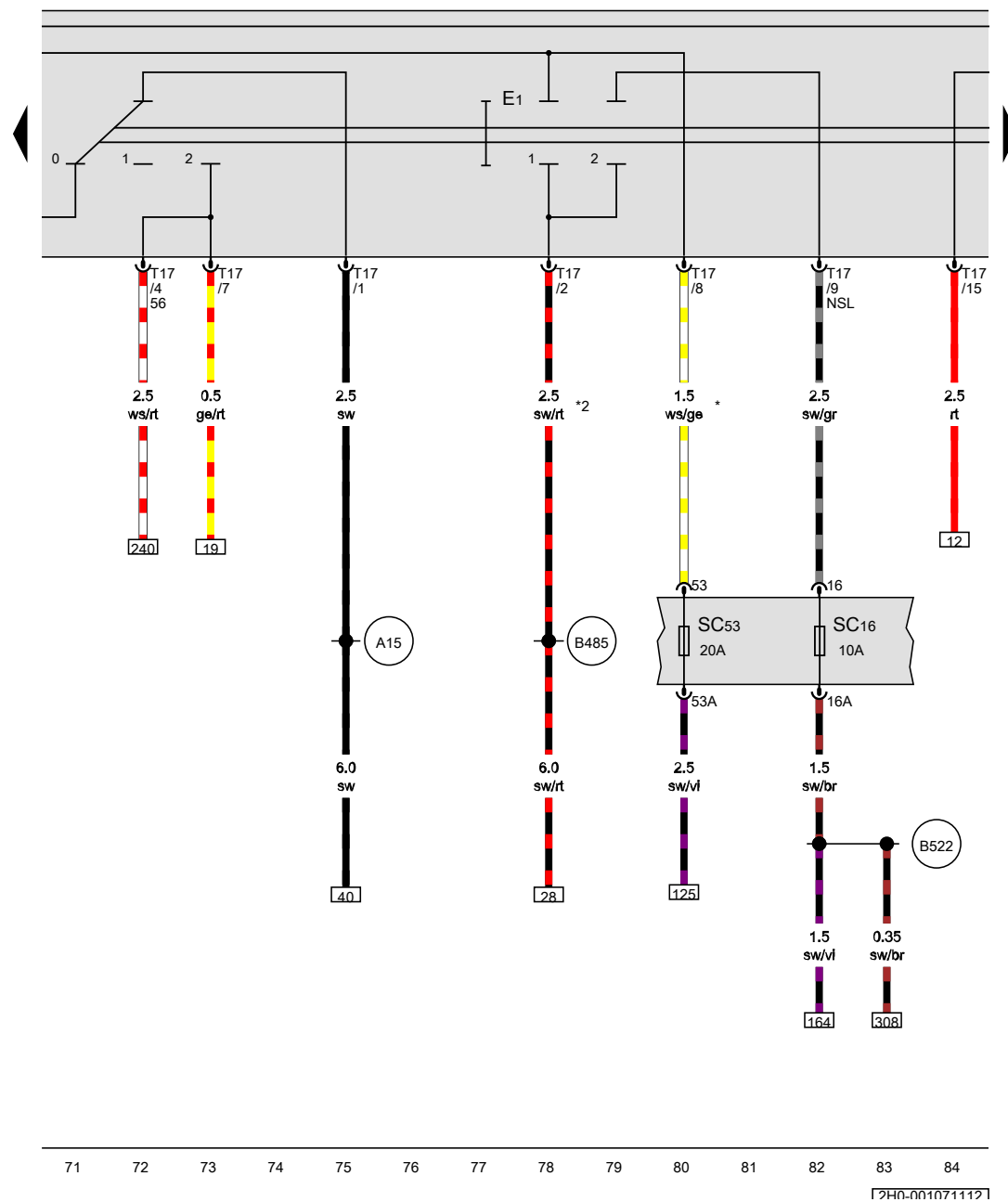
- E1 Light switch
- SC16 Fuse 16 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T17 17-pin connector

A15 Positive connection (15), in instrument wiring harness

B485 Connection 21, in main wiring harness

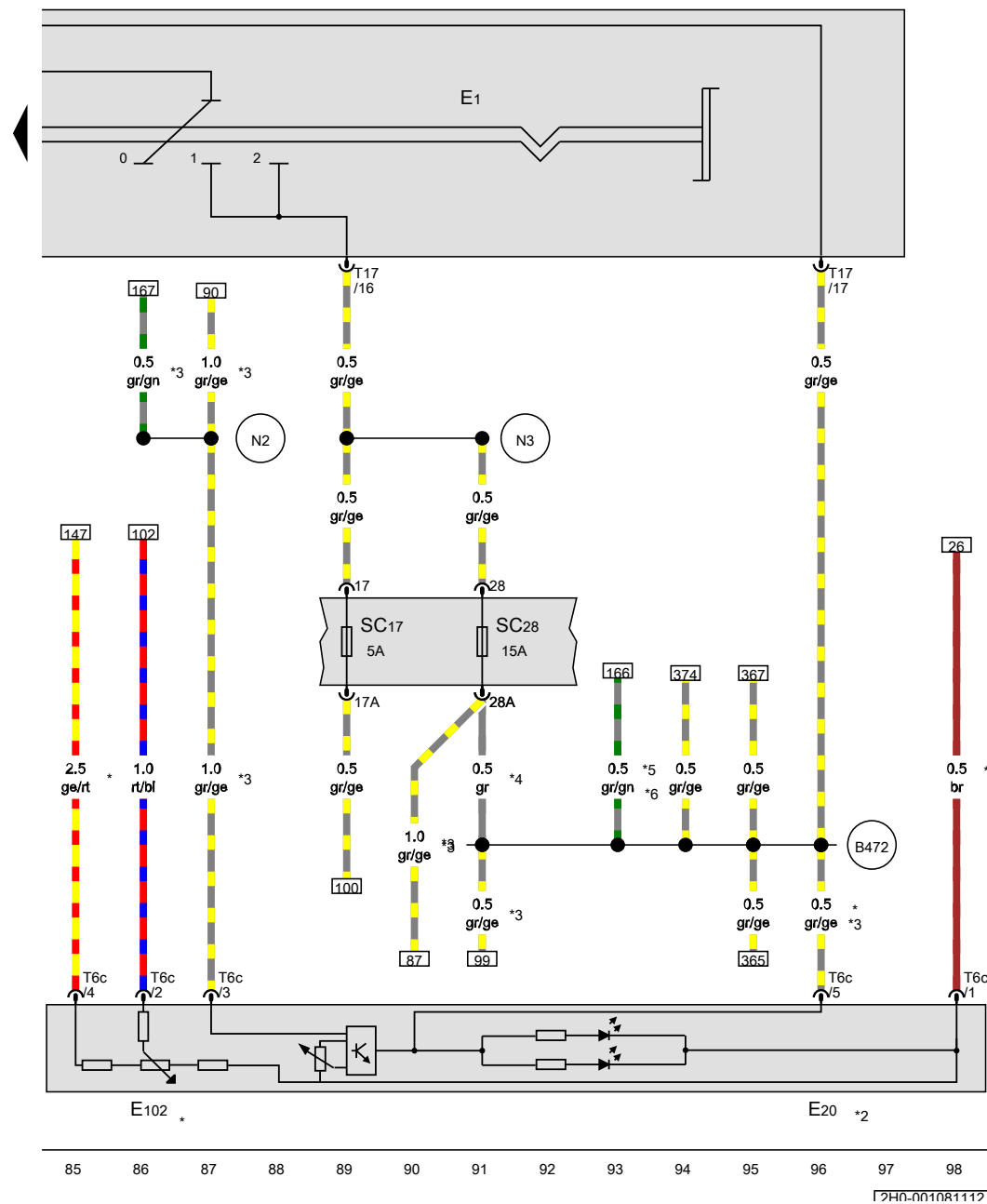
B522 Connection (FL), in main wiring harness

- * Only models with no fog lights but with multifunction display
- *2 Only models with fog lights



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- rs = pink

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C



- E1 Light switch
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T6c 6-pin connector
- T17 17-pin connector

B472 Connection 8, in main wiring harness

N2 Connection 1, in headlight range control wiring harness

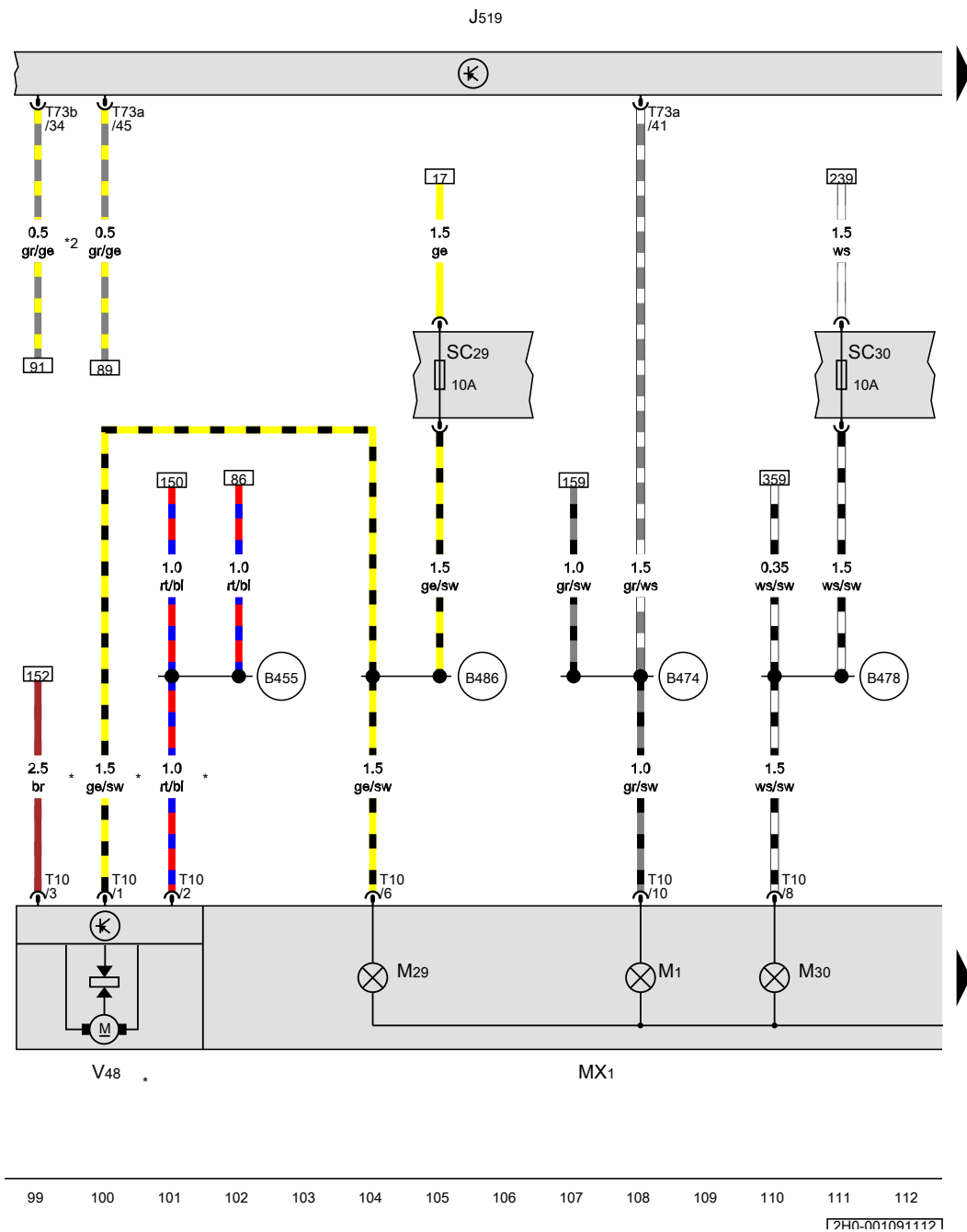
N3 Connection 2, in headlight range control wiring harness

- * Only models with headlight range control
- *2 Only models with dimmable instrument illumination
- *3 Only models with Highline equipment
- *4 Only models with no dimmable instrument illumination
- *5 Only models with Trendline equipment
- *6 Only models with basic equipment

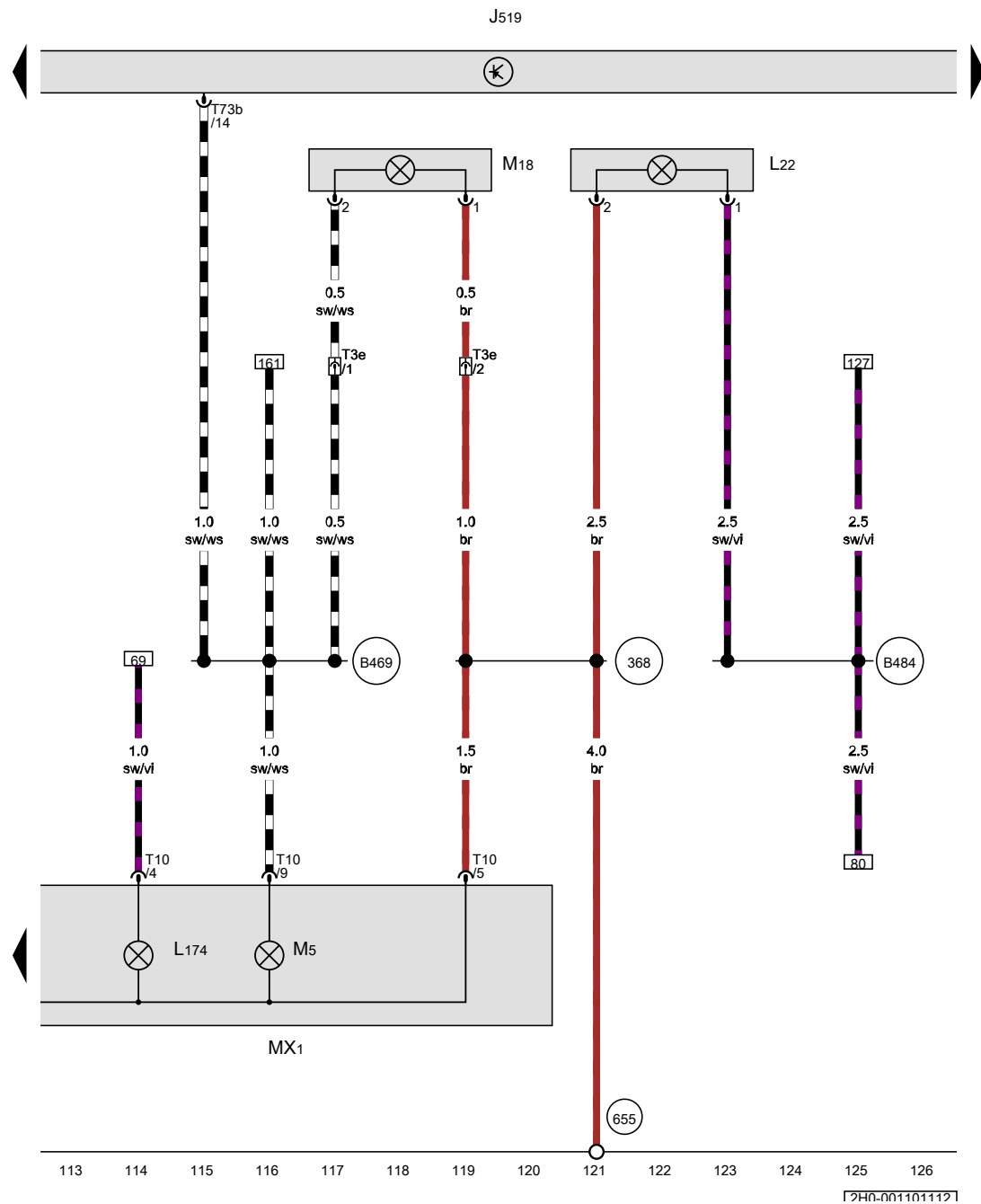
ws = white
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Front left headlight

- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V48 Left headlight range control motor
- (B455) Connection (HRC), in main wiring harness
- (B474) Connection 10, in main wiring harness
- (B478) Connection 14, in main wiring harness
- (B486) Connection 22, in main wiring harness
- * Only models with headlight range control
- *2 Only models with Highline equipment



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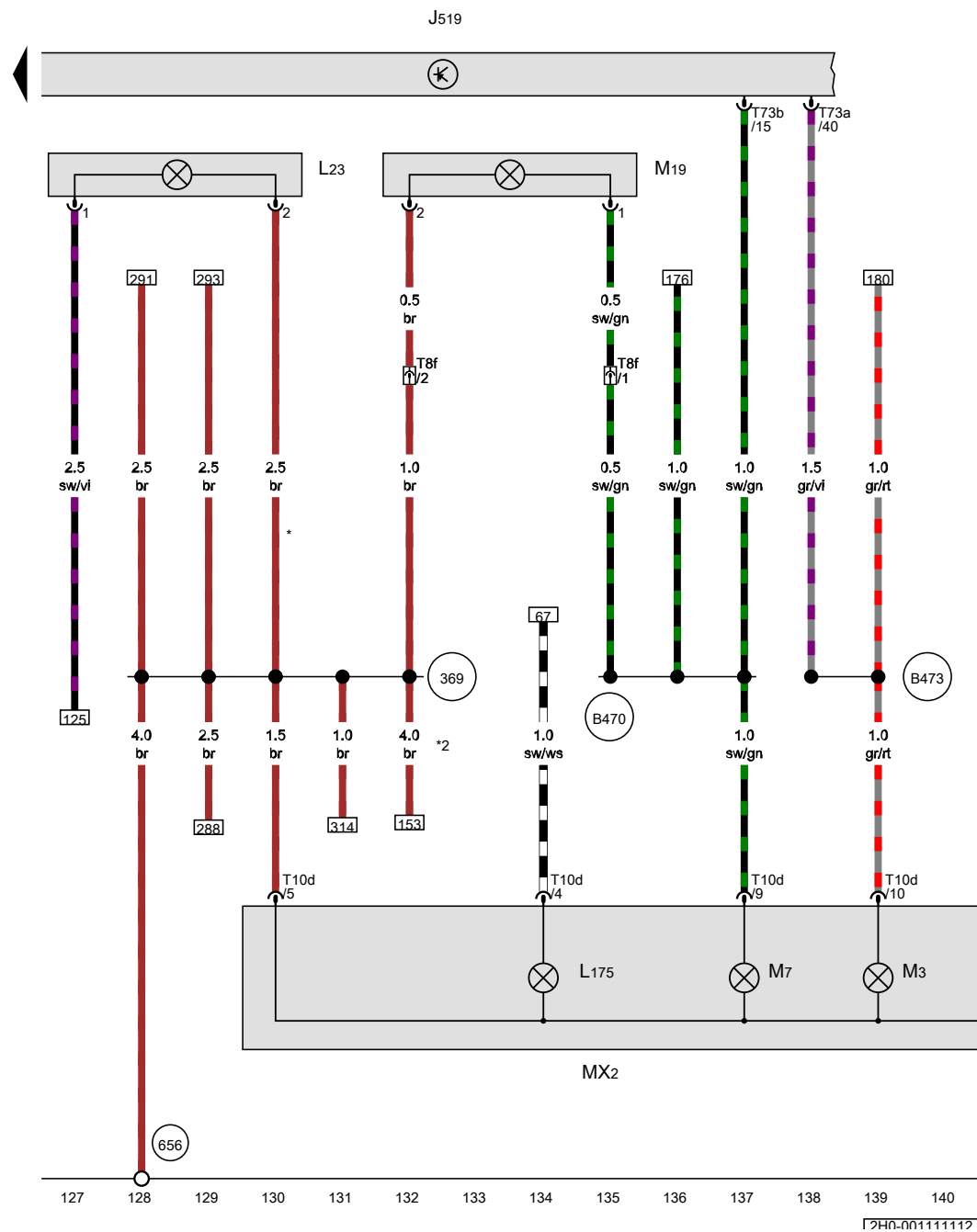


Left fog light bulb, Front left headlight, Left turn signal repeater bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- T3e 3-pin connector, in rear left of engine compartment
- T10 10-pin connector
- T73b 73-pin connector

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight, on left on bulkhead
- B469 Connection 5, in main wiring harness
- B484 Connection 20, in main wiring harness

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Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- T8f 8-pin connector, in rear right of engine compartment
- T10d 10-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight, on right on bulkhead

B470 Connection 6, in main wiring harness

B473 Connection 9, in main wiring harness

* Only models with basic equipment

*2 Only models with headlight range control

Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

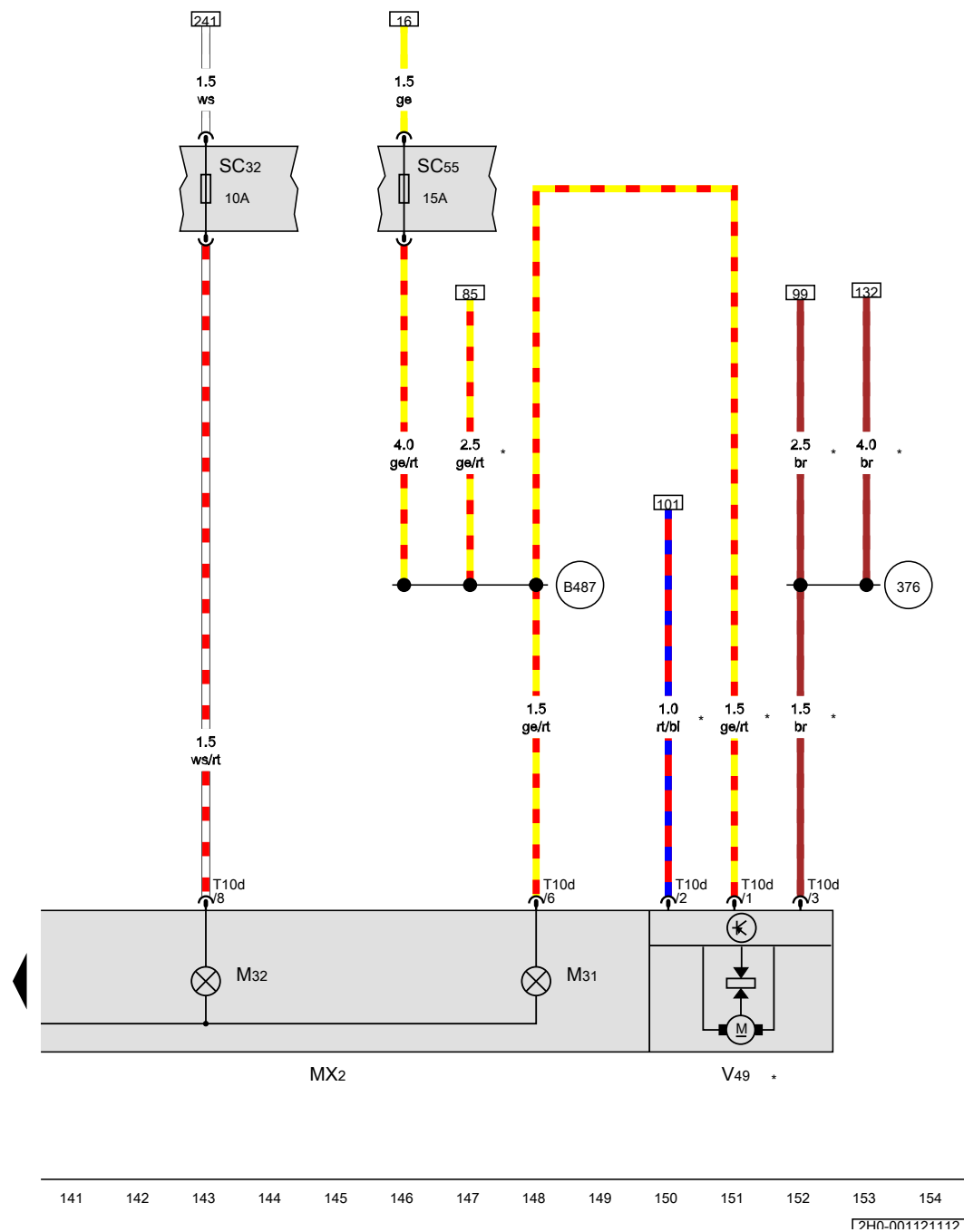
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10d 10-pin connector
- V49 Right headlight range control motor

376 Earth connection 11, in main wiring harness

B487 Connection 23, in main wiring harness

* Only models with headlight range control

*2 Only models with cruise control system (CCS)



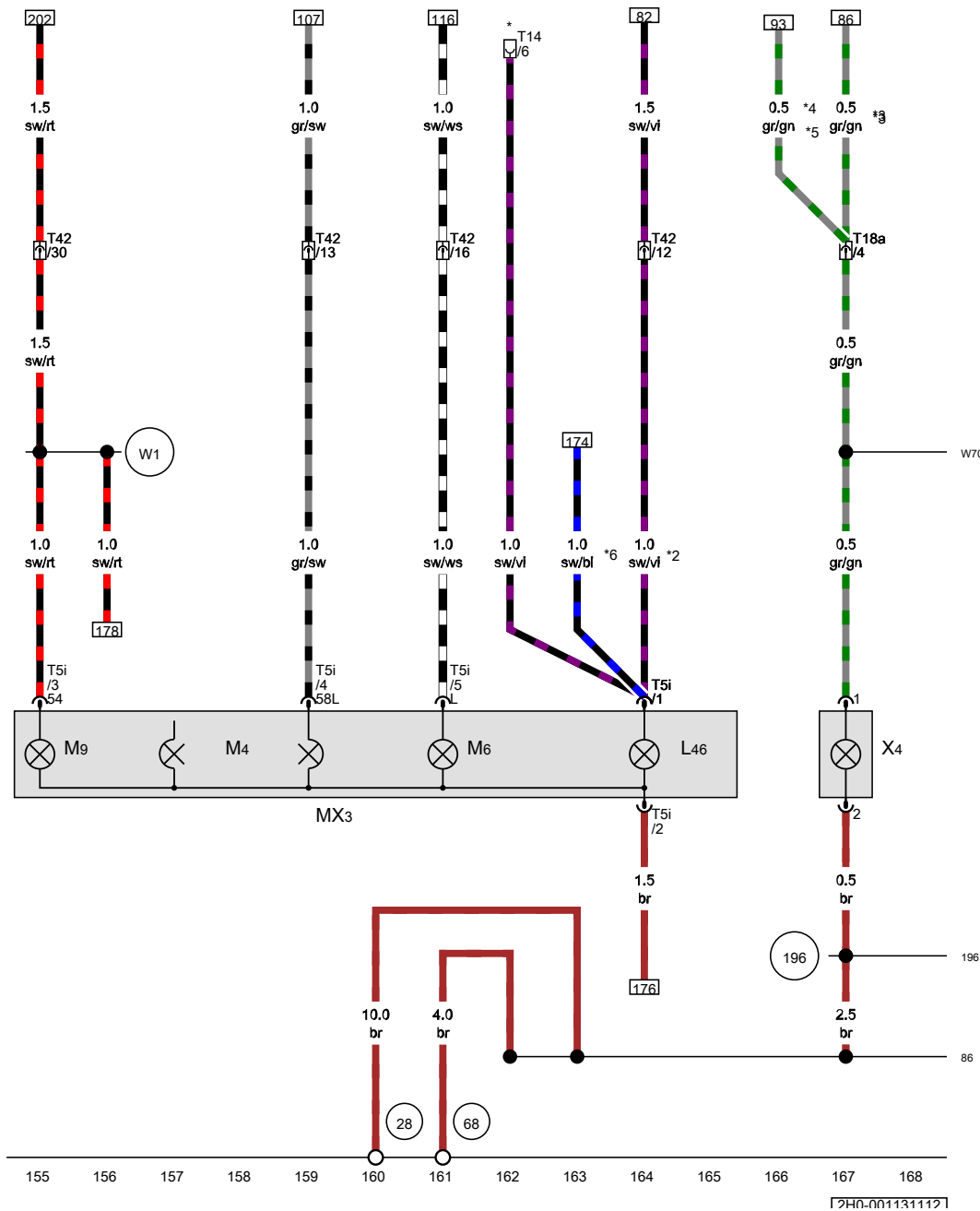
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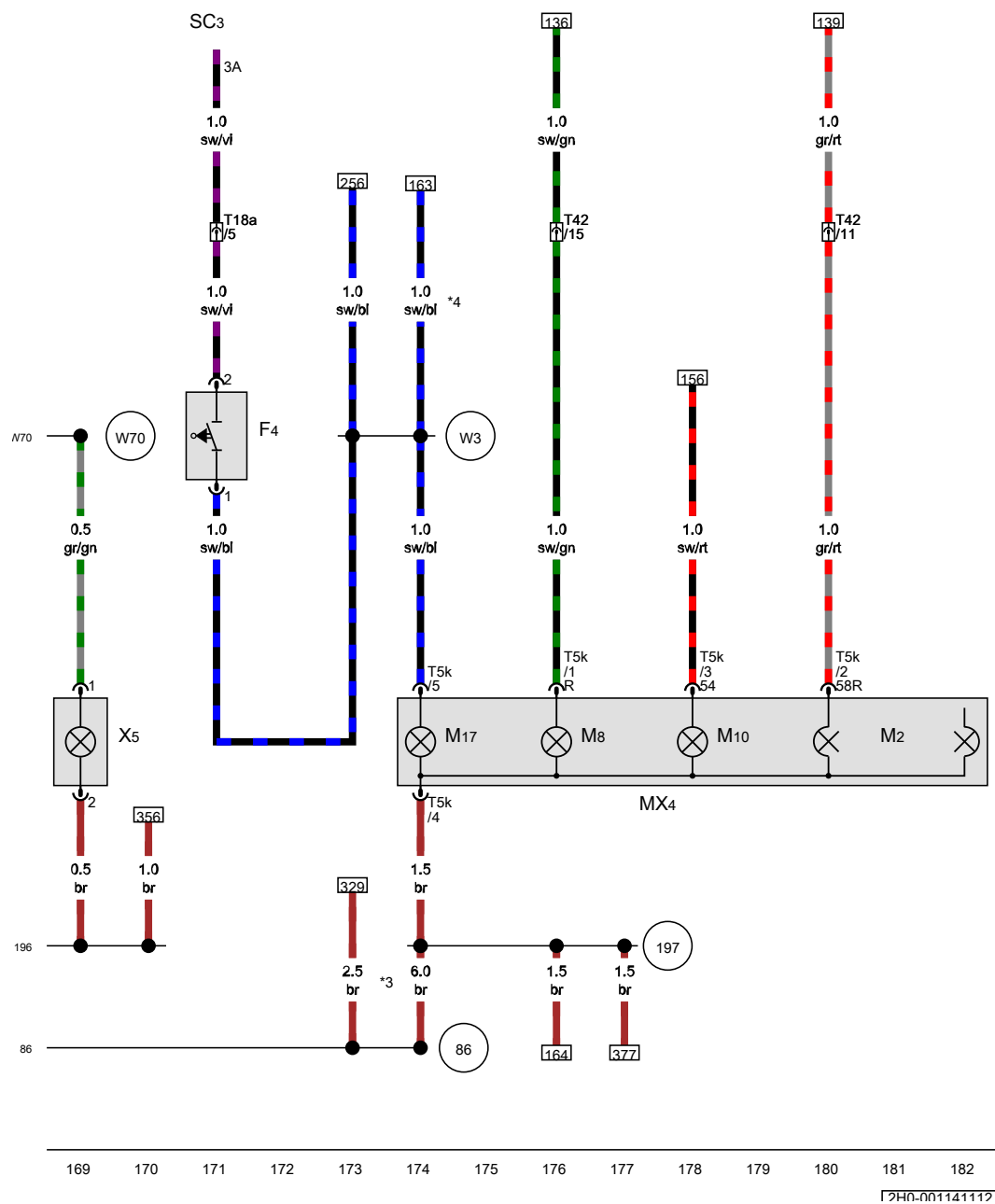
Left tail light, Left number plate light

- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- T5i 5-pin connector
- T14 14-pin connector, behind rear bumper on left
- T18a 18-pin connector, near engine control unit
- T42 42-pin connector, near handbrake lever
- X4 Left number plate light

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only models with no towing bracket
- *3 Only models with Highline equipment
- *4 Only models with Trendline equipment
- *5 Only models with basic equipment
- *6 Only models with no rear fog light





Reversing light switch, Right tail light, Right number plate light

- F4 Reversing light switch
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- SC3 Fuse 3 on fuse holder C
- T5k 5-pin connector
- T18a 18-pin connector, near engine control unit
- T42 42-pin connector, near handbrake lever
- X5 Right number plate light

- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness
- * Only models with headlight range control
- *2 Only models with Highline equipment
- *3 Only models with diesel engine
- *4 Only models with no rear fog light

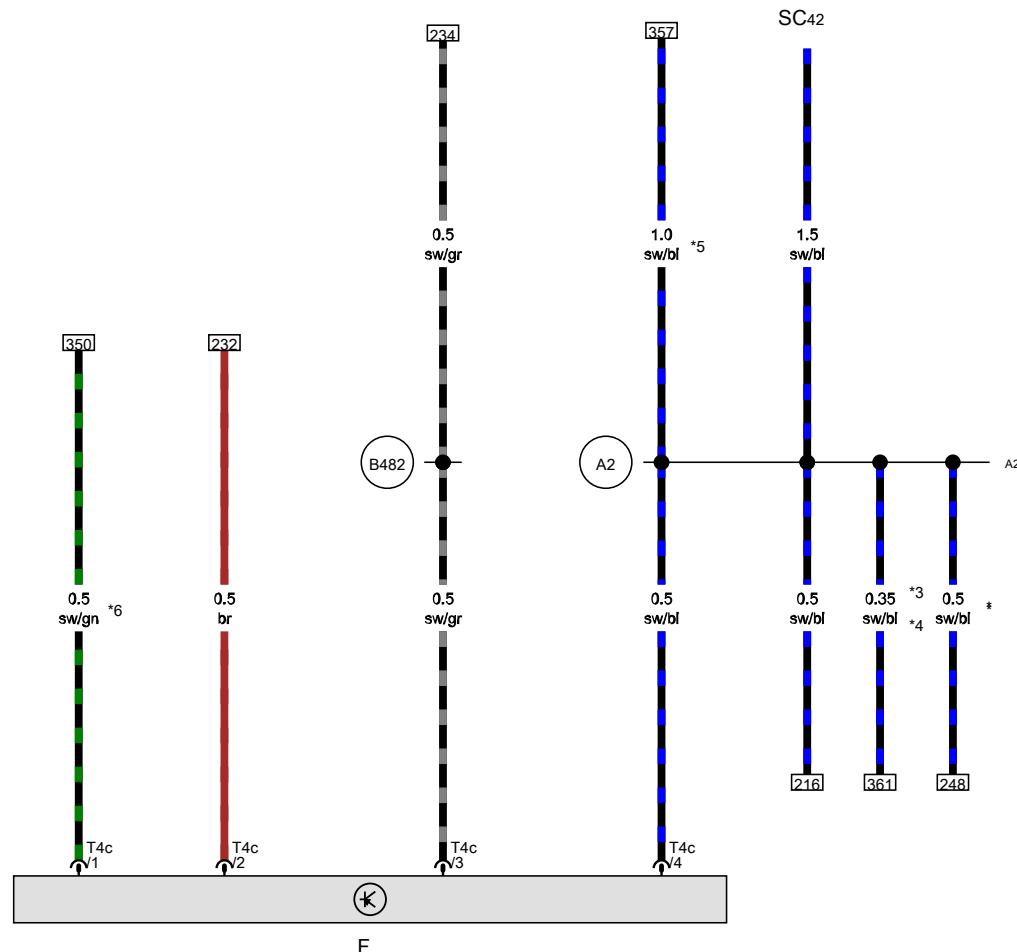
Brake light switch

F Brake light switch
SC42 Fuse 42 on fuse holder C
T4c 4-pin connector

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

B482 Connection 18, in main wiring harness

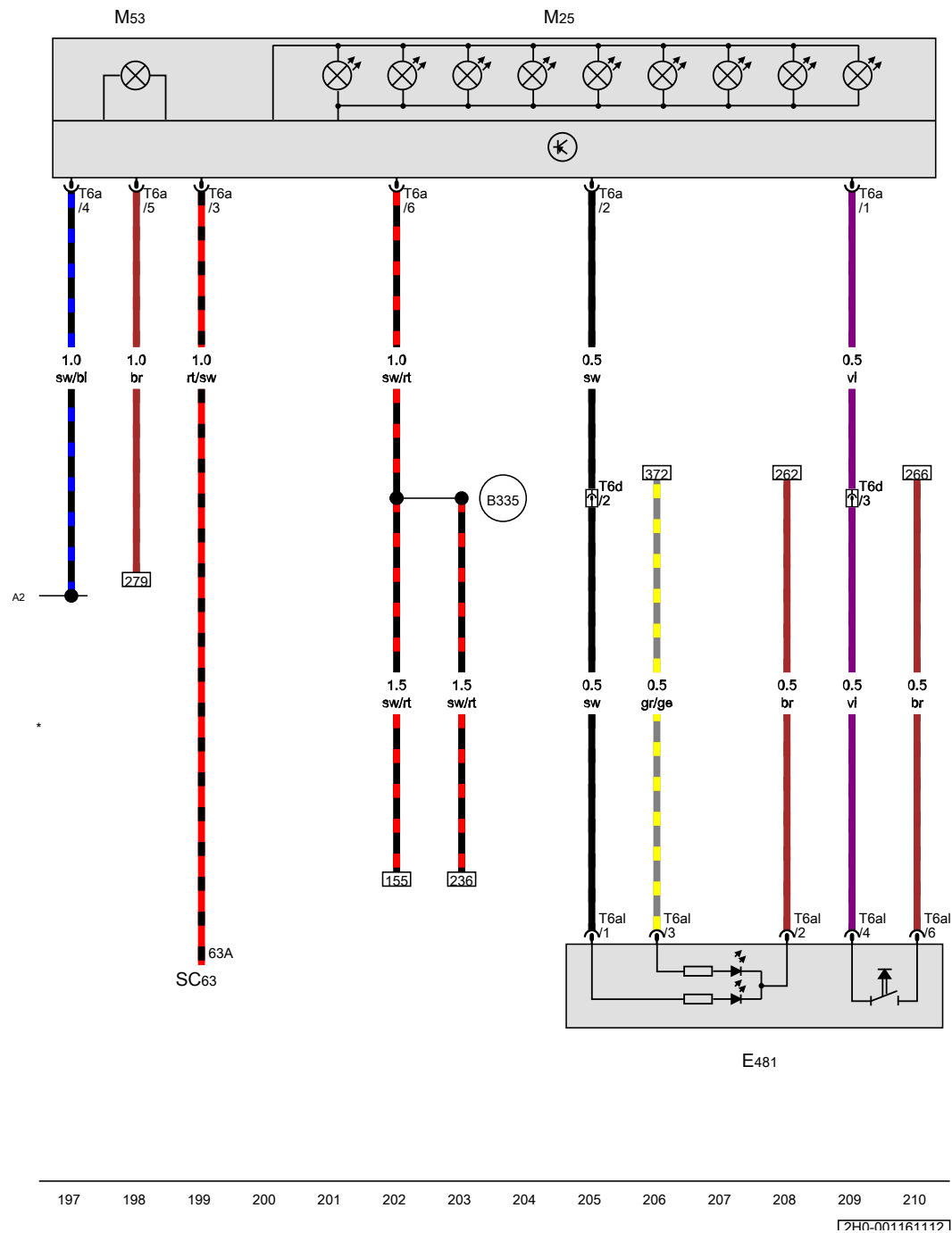
* Only models with cruise control system (CCS)
*2 Only models with multifunction display
*3 Country specific
*4 If fitted
*5 Only models with Euro 5 emission standard
*6 see applicable current flow diagram for engine



ws = white
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or = orange
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183 184 185 186 187 188 189 190 191 192 193 194 195 196

[74H0-001151112]



Load area illumination switch, Additional brake light bulb, Load area illumination bulb

- E481 Load area illumination switch, near radio
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC63 Fuse 63 on fuse holder C
- T6a 6-pin connector
- T6al 6-pin connector
- T6d 6-pin connector, on relay carrier

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

B335 Connection 1 (54), in main wiring harness

* Only models with headlight range control

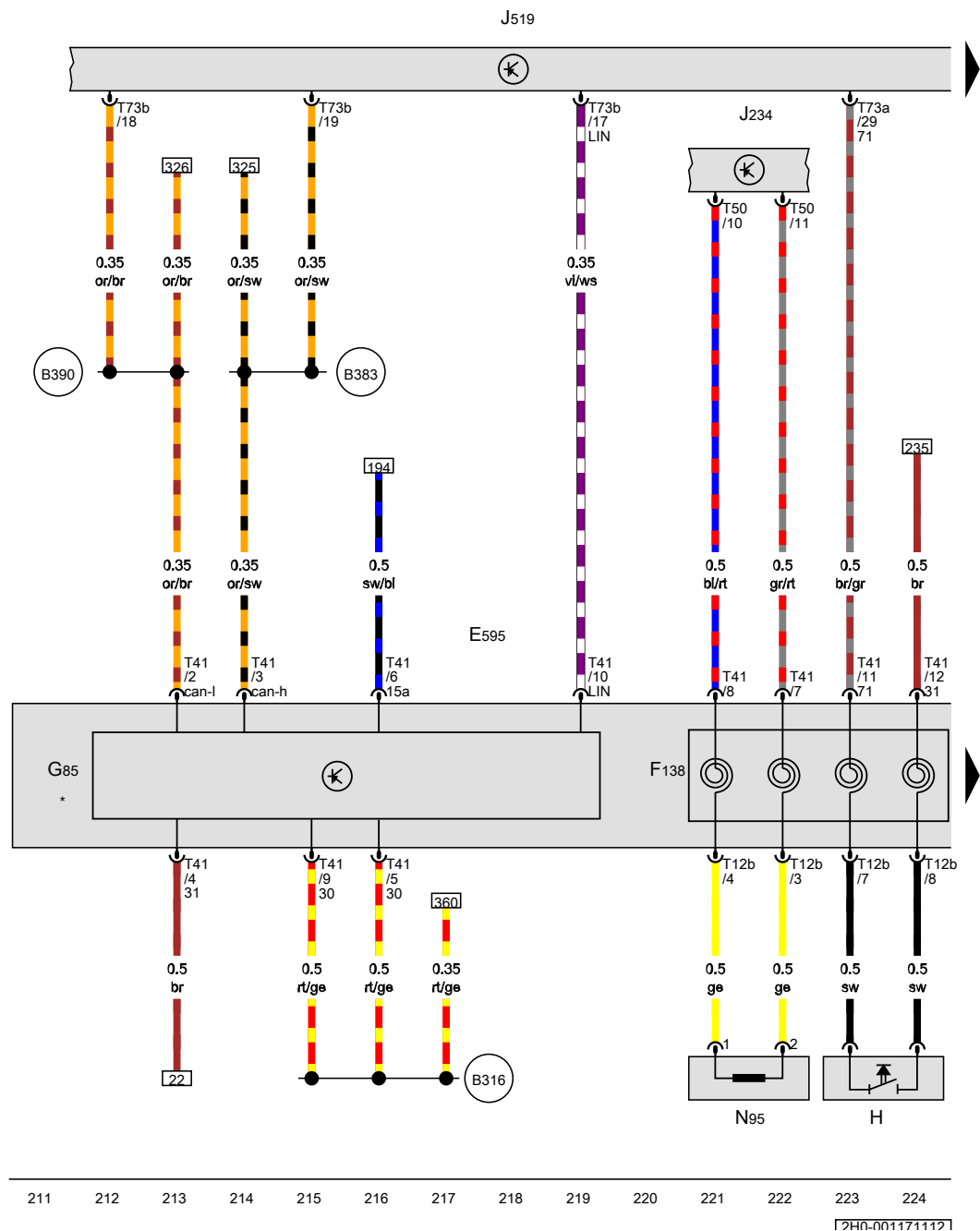
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Steering column combination switch, Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit

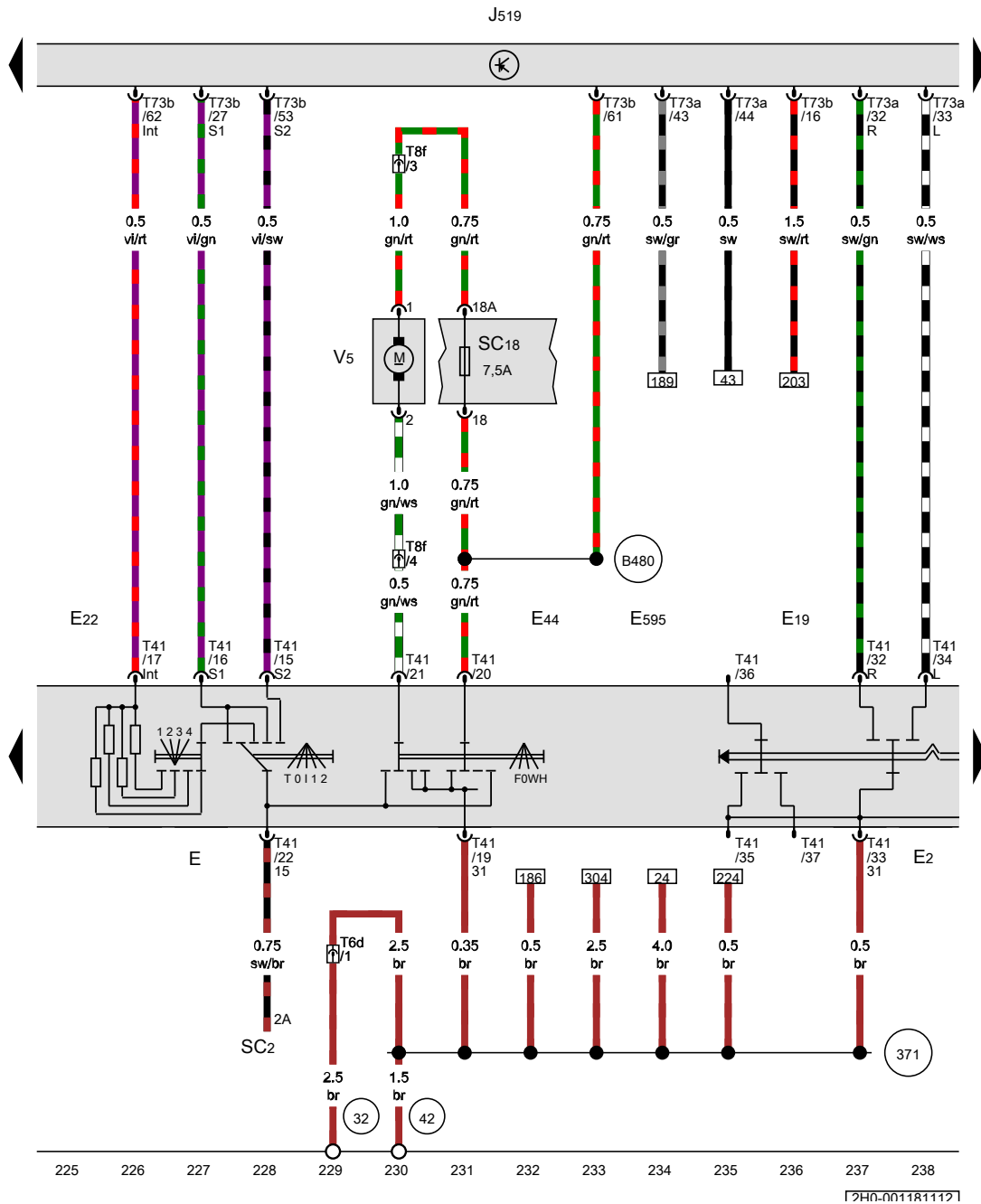
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring, on steering wheel
- G85 Steering angle sender
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Driver side airbag igniter
- T12b 12-pin connector
- T41 41-pin connector
- T50 50-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- B316 Positive connection 2 (30a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

* Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)



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- or = orange
- rs = pink

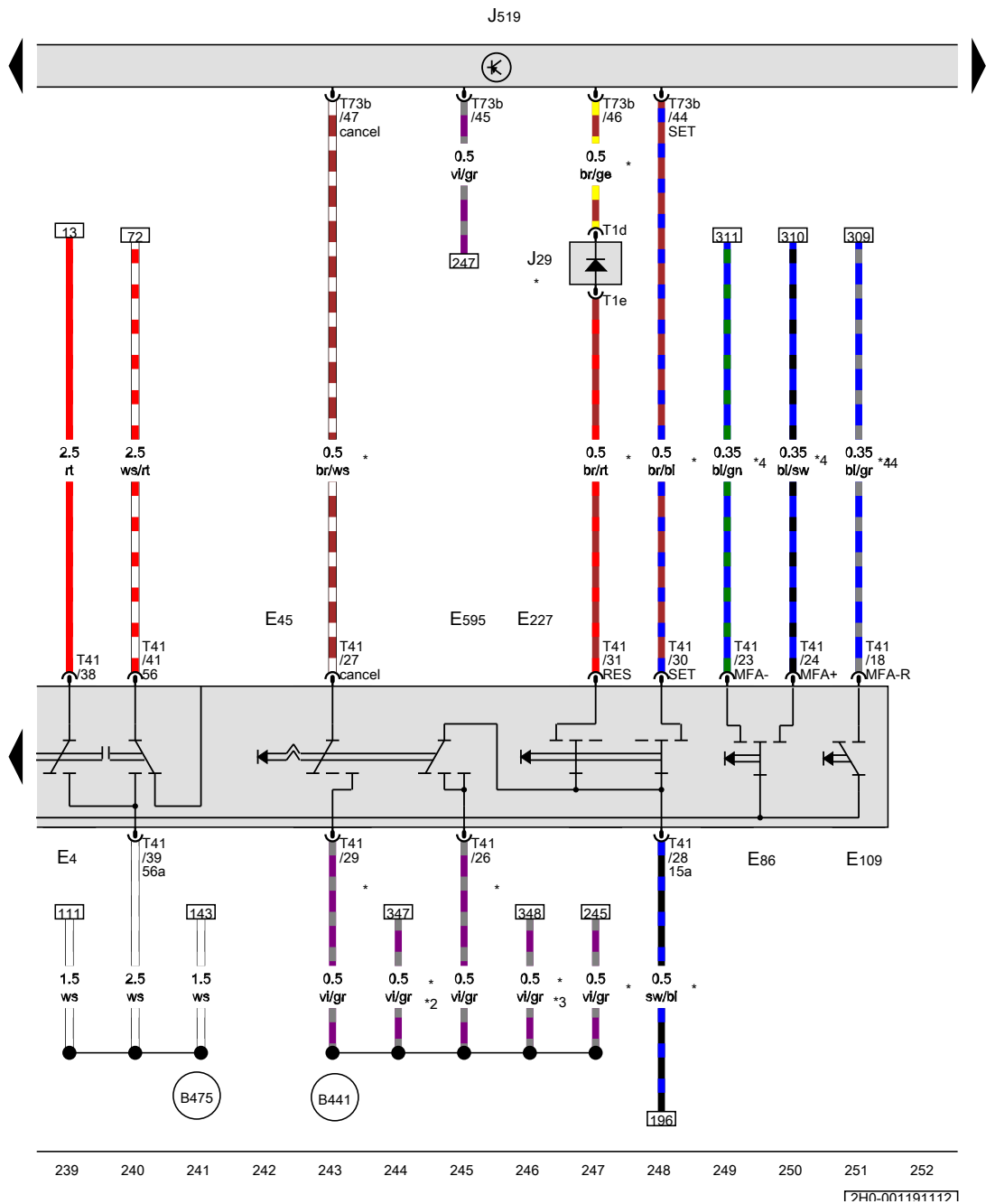


Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

- E Windscreen wiper switch
- E2 Turn signal switch
- E19 Parking light switch
- E22 Intermittent wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC2 Fuse 2 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T6d 6-pin connector, in centre of dash panel
- T8f 8-pin connector, in rear left of engine compartment
- T41 41-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V5 Washer pump

- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- B480 Connection 16, in main wiring harness

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 gr = grey
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Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J29 Blocking diode, near steering column
- J519 Onboard supply control unit
- T1d Single connector
- T1e Single connector
- T41 41-pin connector
- T73b 73-pin connector
- B441 Connection (CCS), in main wiring harness
- B475 Connection 11, in main wiring harness
- * Only models with cruise control system (CCS)
- *2 Only models with petrol engine
- *3 Only models with diesel engine
- *4 Only models with multifunction display
- *5 Only models with Highline equipment

Heated rear window button, Heated rear window

E230 Heated rear window button, near radio

J519 Onboard supply control unit

SC4 Fuse 4 on fuse holder C

SC44 Fuse 44 on fuse holder C

T1c Single connector

T1k Single connector

T6ah 6-pin connector

T18a 18-pin connector, near engine control unit

T21a 21-pin connector, on relay carrier

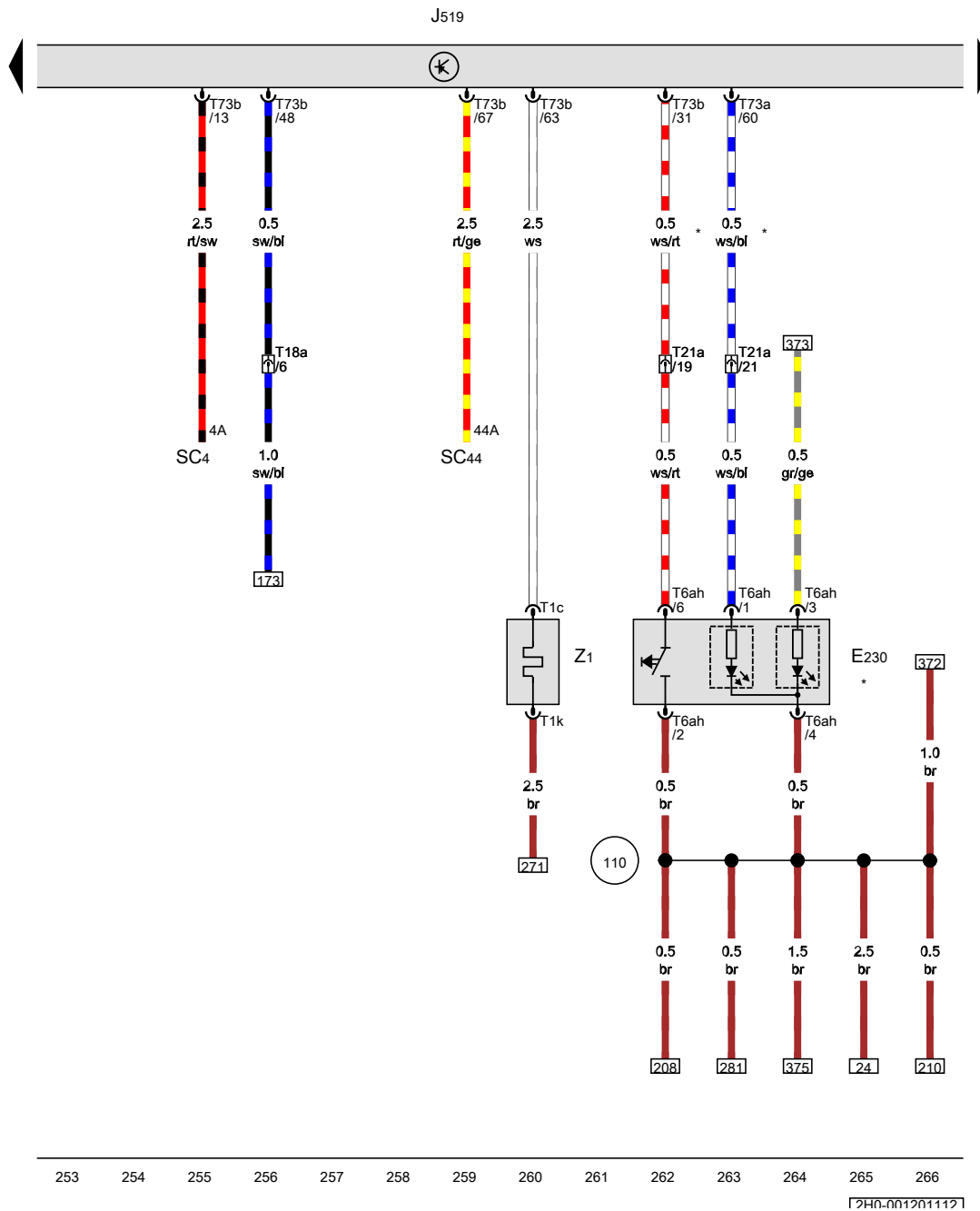
T73a 73-pin connector

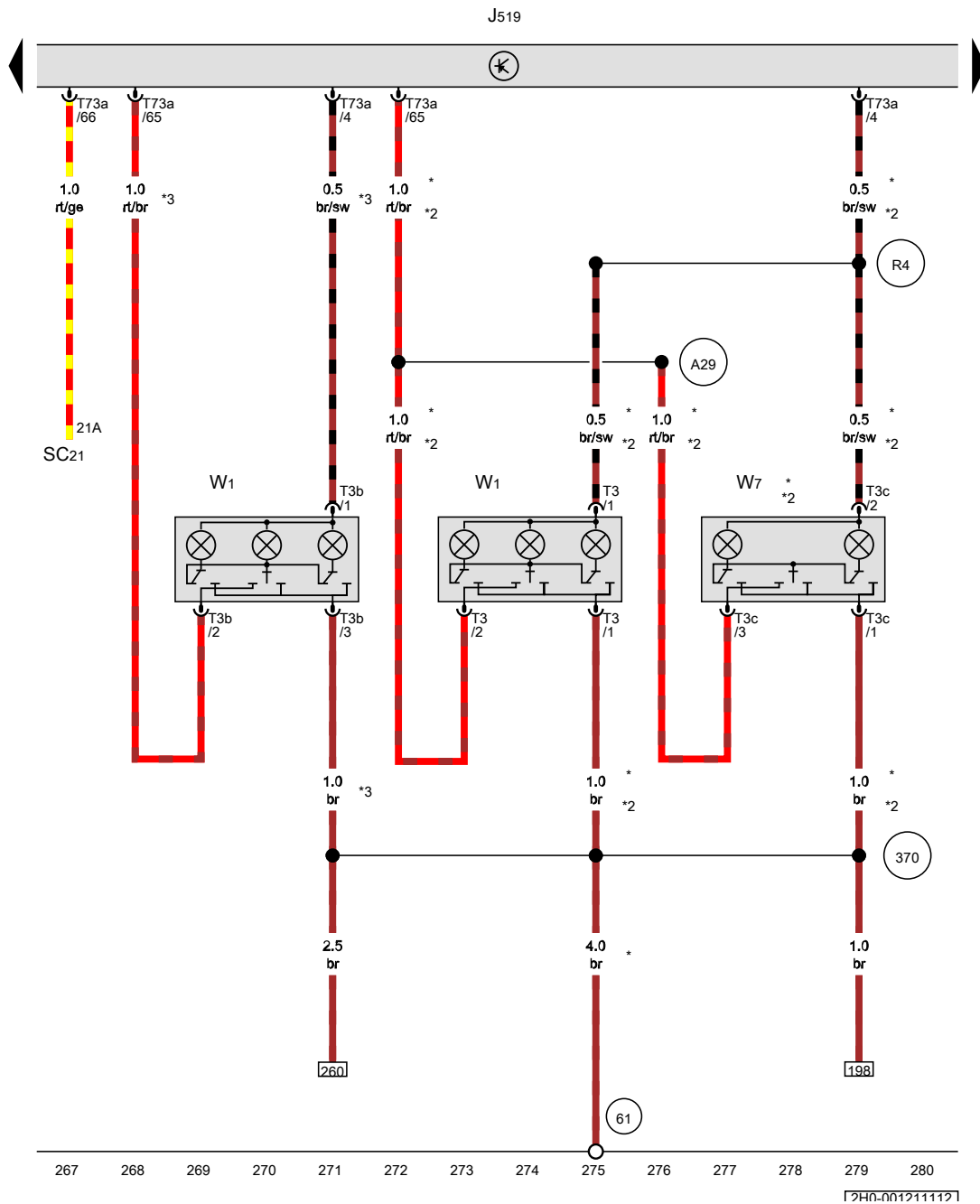
T73b 73-pin connector

Z1 Heated rear window

110 Earth connection 2, in dash panel wiring harness

* Only models with no air conditioning system/Climatronic





Front interior light, Centre interior light

J519 Onboard supply control unit

SC21 Fuse 21 on fuse holder C

T3 3-pin connector

T3b 3-pin connector

T3c 3-pin connector

T73a 73-pin connector

W1 Front interior light

W7 Centre interior light

61 Earth point, left C-pillar

370 Earth connection 5, in main wiring harness

A29 Connection (interior light), in dash panel wiring harness

R4 Connection 1, in interior light/door contact switch wiring harness

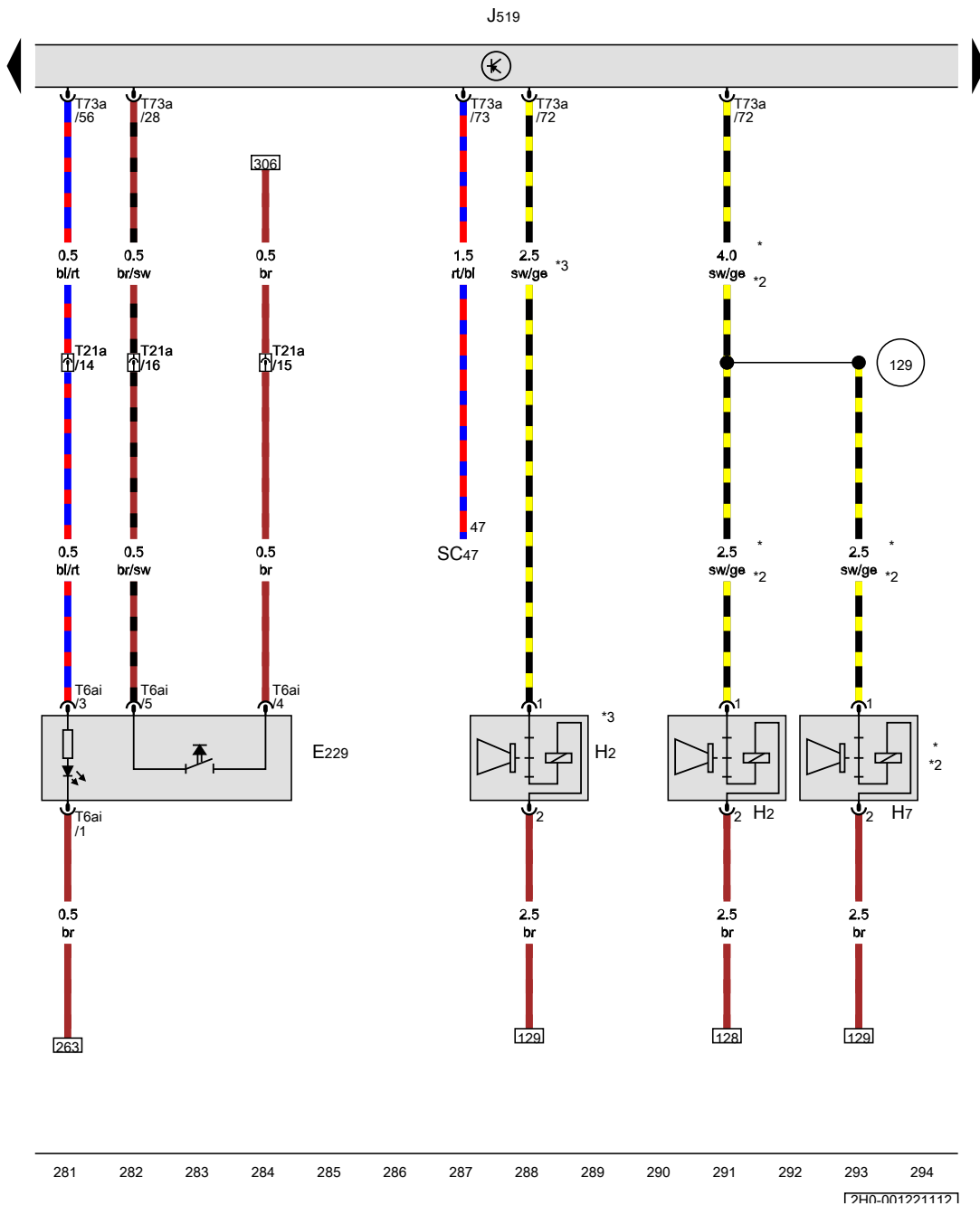
* Only models with double cab

*2 Only models with Highline equipment

*3 Only models with basic equipment

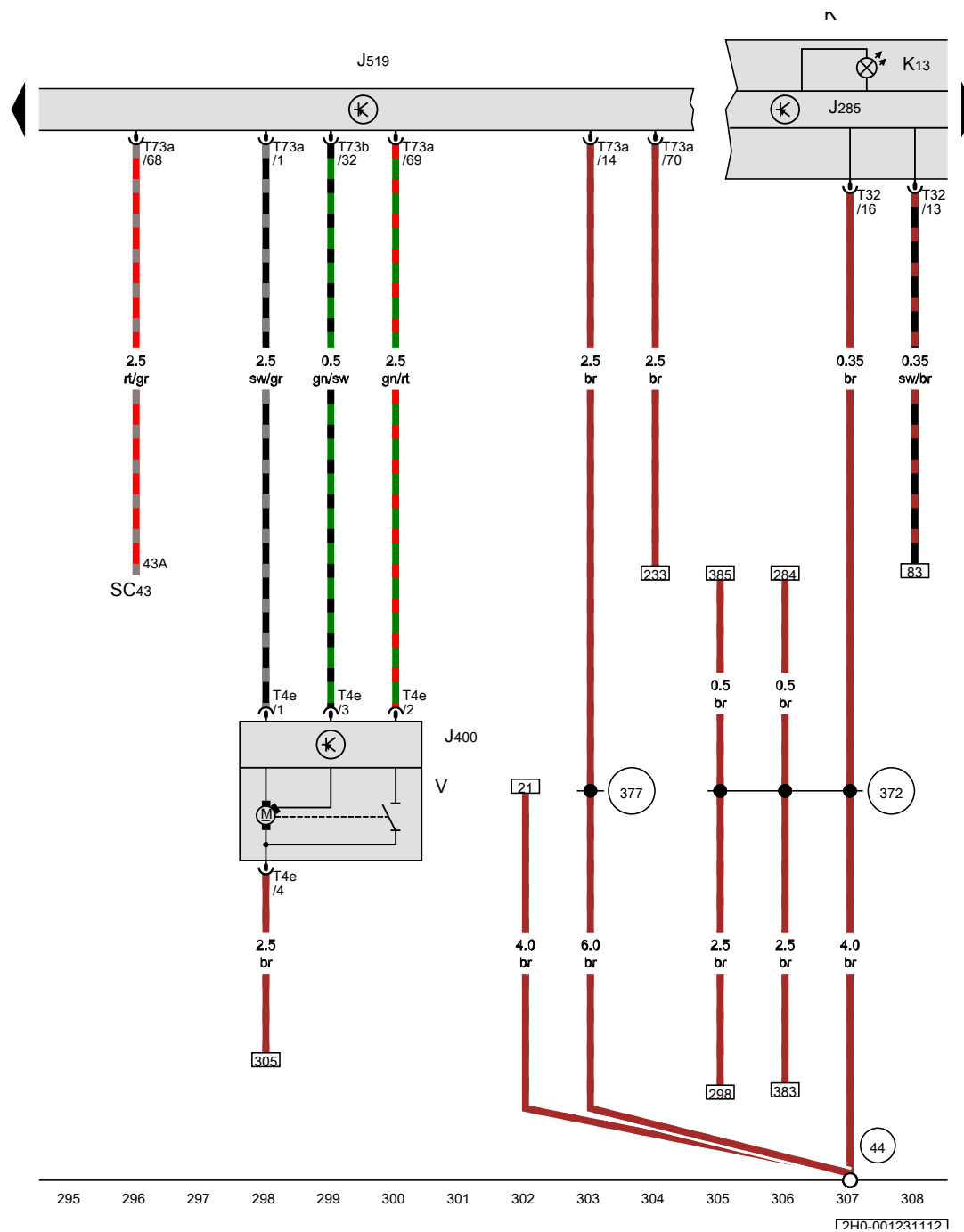
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Hazard warning lights button, Treble horn, Bass horn



- E229 Hazard warning lights button, near radio
- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- SC47 Fuse 47 on fuse holder C
- T6ai 6-pin connector
- T21a 21-pin connector, on relay carrier
- T73a 73-pin connector
- 129 Earth connection, in dual tone horn wiring harness
- * Only models with Highline equipment
- *2 Only models with Trendline equipment
- *3 Only models with basic equipment

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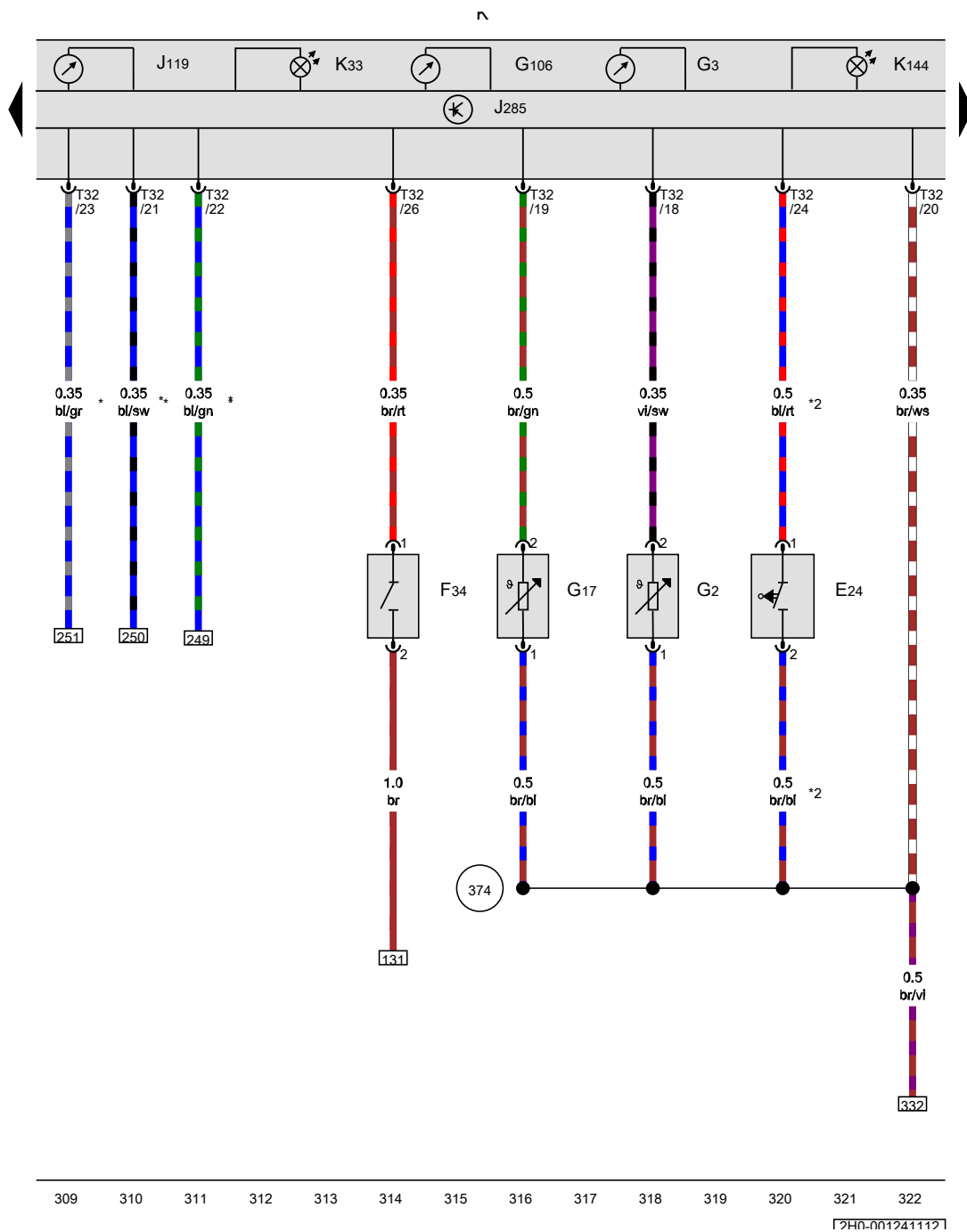


Dash panel insert, Windscreen wiper motor

- J285 Control unit in dash panel insert
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- K Dash panel insert
- K13 Rear fog light warning lamp
- SC43 Fuse 43 on fuse holder C
- T4e 4-pin connector
- T32 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V Windscreen wiper motor

- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- 377 Earth connection 12, in main wiring harness

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Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

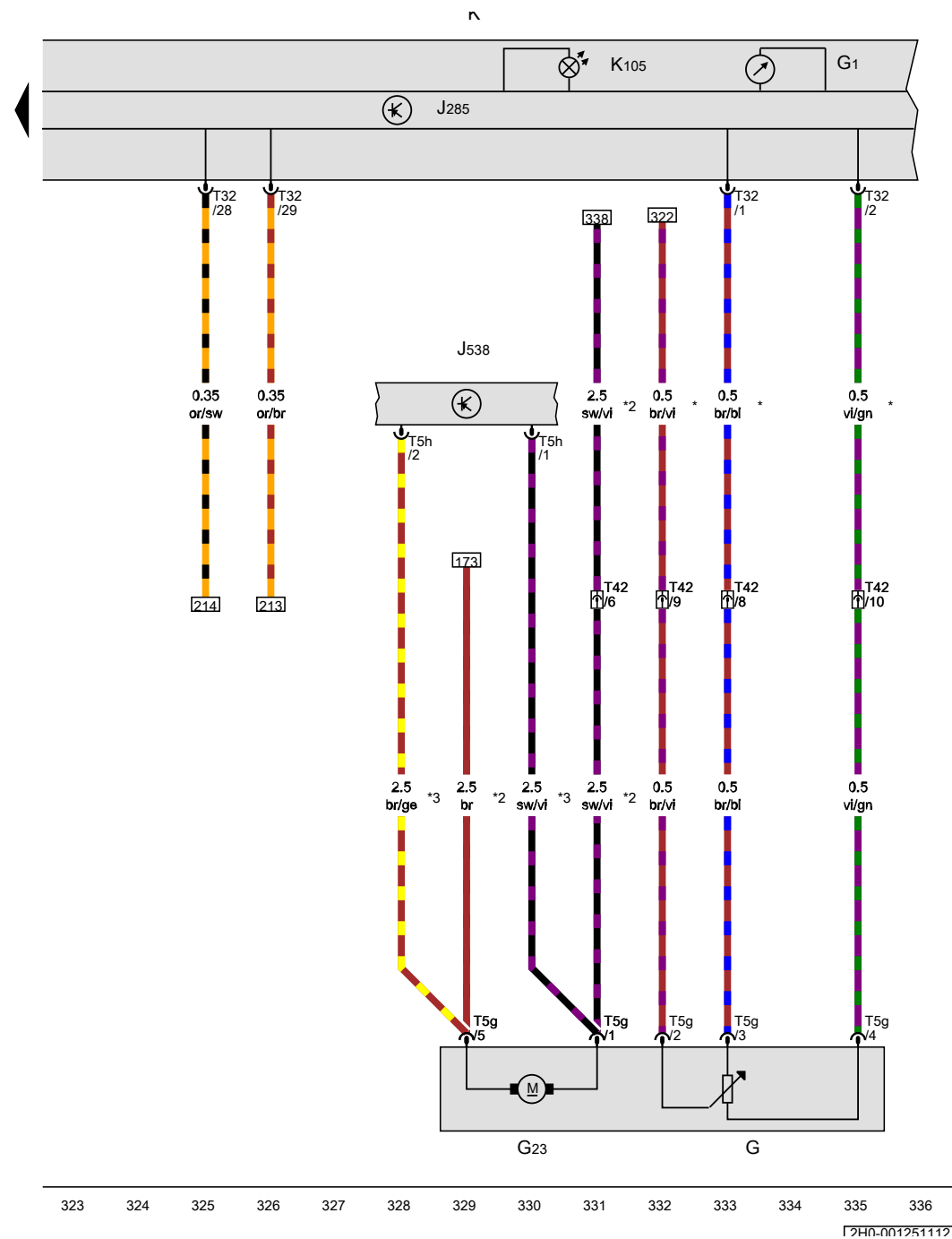
- E24 Driver side belt switch
- F34 Brake fluid level warning contact
- G2 Coolant temperature display sender
- G3 Coolant temperature gauge
- G17 Ambient temperature sensor
- G106 Ambient temperature indicator
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K33 Brake fluid level warning lamp
- K144 Driver side airbag deactivated warning lamp
- T32 32-pin connector

374 Earth connection 9, in main wiring harness

* Only models with multifunction display

*2 Only models with no airbag

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Fuel gauge, Fuel pump, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

- G Fuel gauge sender
- G1 Fuel gauge
- G23 Fuel pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K105 Reserve fuel warning lamp
- T5g 5-pin connector
- T5h 5-pin connector
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever
- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine

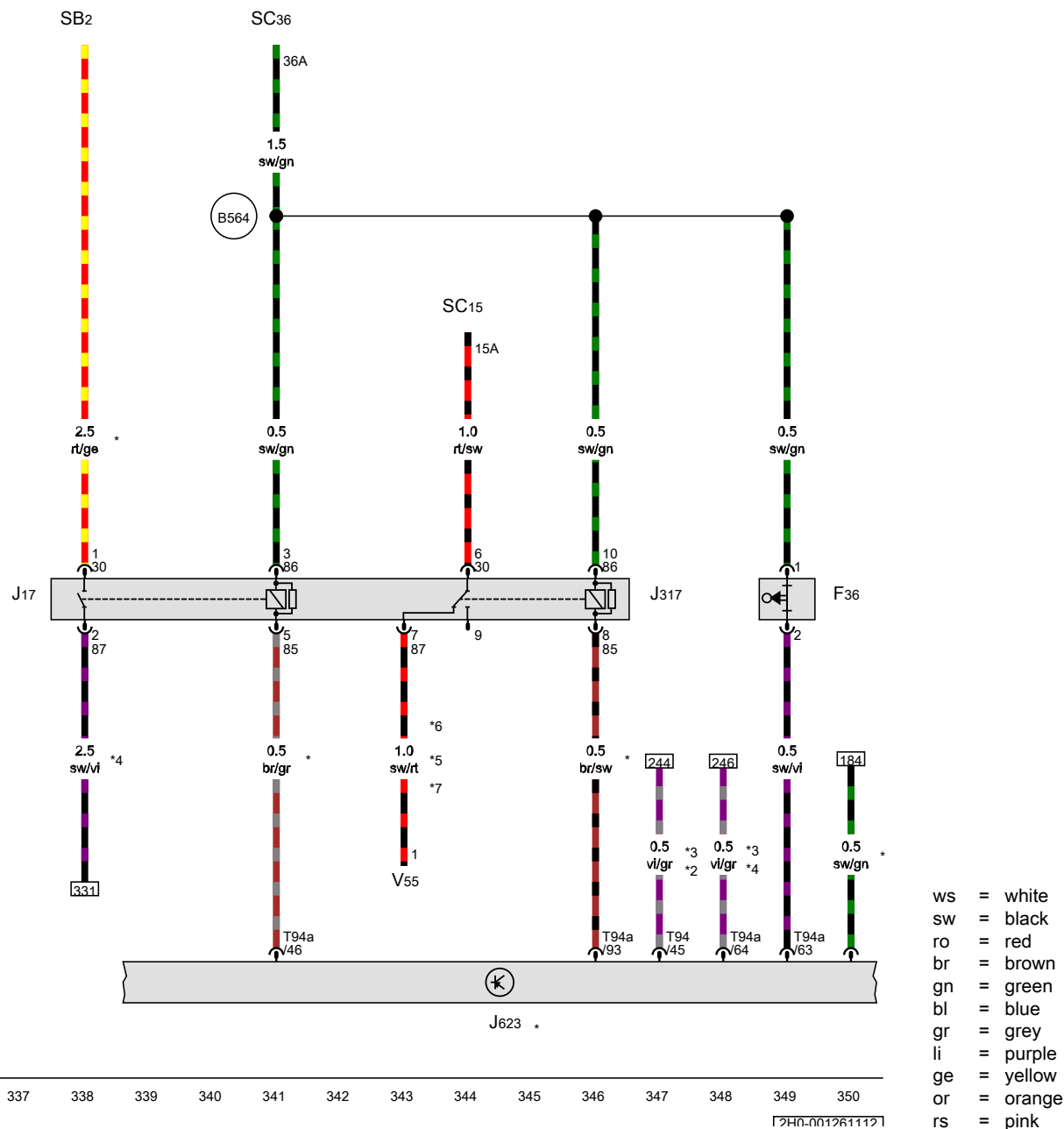
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Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

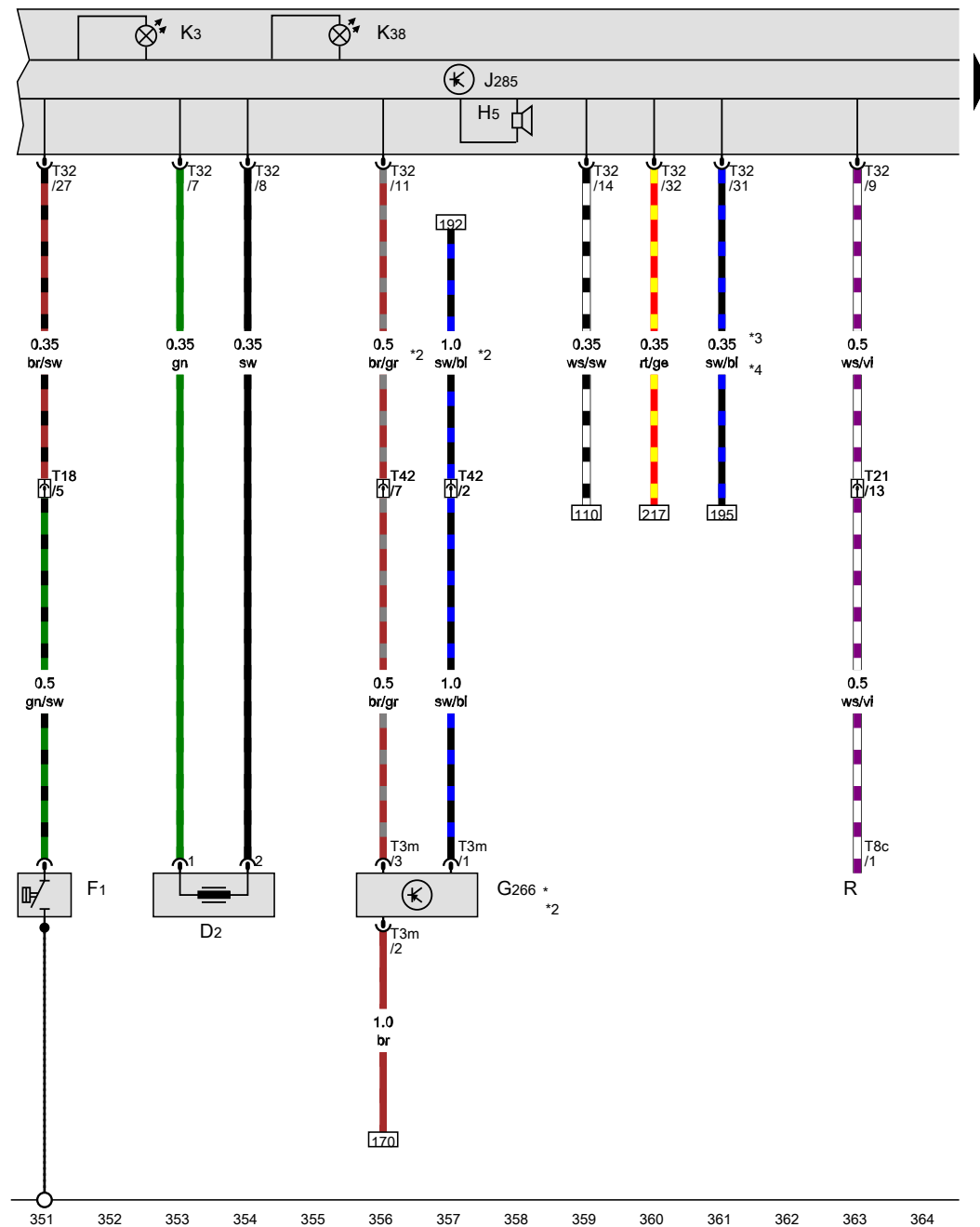
- F36 Clutch pedal switch
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector
- T94a 94-pin connector
- V55 Circulation pump

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with petrol engine
- *3 Only models with cruise control system (CCS)
- *4 Only models with diesel engine
- *5 Only models with no air conditioning system/Climatronic
- *6 see applicable current flow diagram for air conditioning
- *7 see applicable current flow diagram for automatic air conditioning system

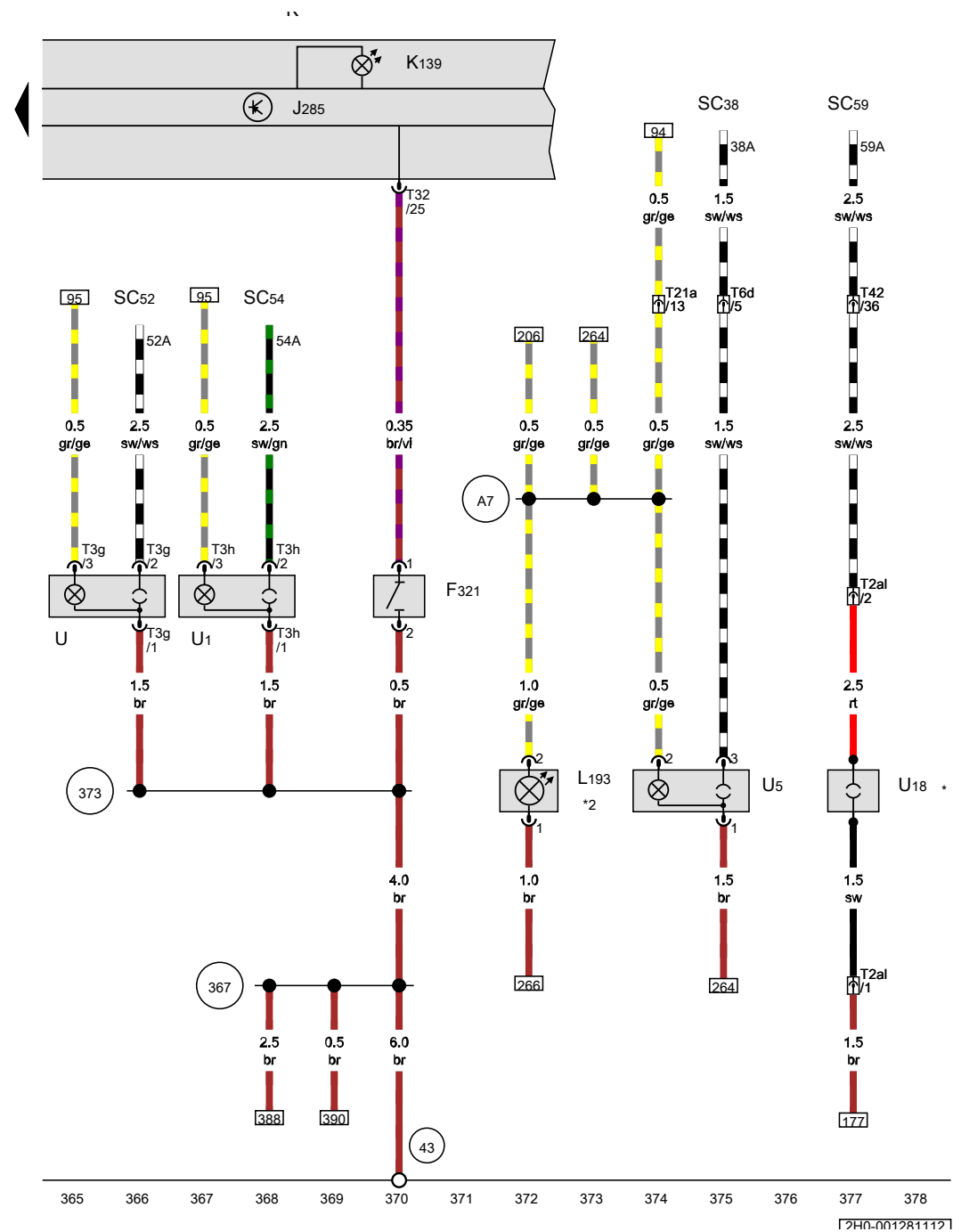


Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Ignition and starter key warning system buzzer and gong, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp, Radio



- D2 Immobiliser reader coil, on ignition/starter switch
- F1 Oil pressure switch
- G266 Oil level and oil temperature sender
- H5 Ignition and starter key warning system buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- R Radio
- T3m 3-pin connector
- T8c 8-pin connector
- T18 18-pin connector, near engine control unit
- T21 21-pin connector, on heater and air conditioner unit, front passenger footwell
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever
- * see applicable current flow diagram for engine
- *2 Only models with Euro 5 emission standard
- *3 Country specific
- *4 If fitted

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rs = pink



Parking brake contact switch, Dash panel insert, Handbrake warning lamp, Light 1 for front centre console background lighting, Electric socket, Cigarette lighter, 12 V socket, 12 V socket 2

- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K139 Handbrake warning lamp
- L193 Light 1 for front centre console background lighting
- SC38 Fuse 38 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T2al 2-pin connector, Interface for rear left socket, on wheel housing
- T3g 3-pin connector
- T3h 3-pin connector
- T6d 6-pin connector, on relay carrier
- T21a 21-pin connector, on relay carrier
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever
- U Electric socket
- U1 Cigarette lighter
- U5 12 V socket
- U18 12 V socket 2

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness

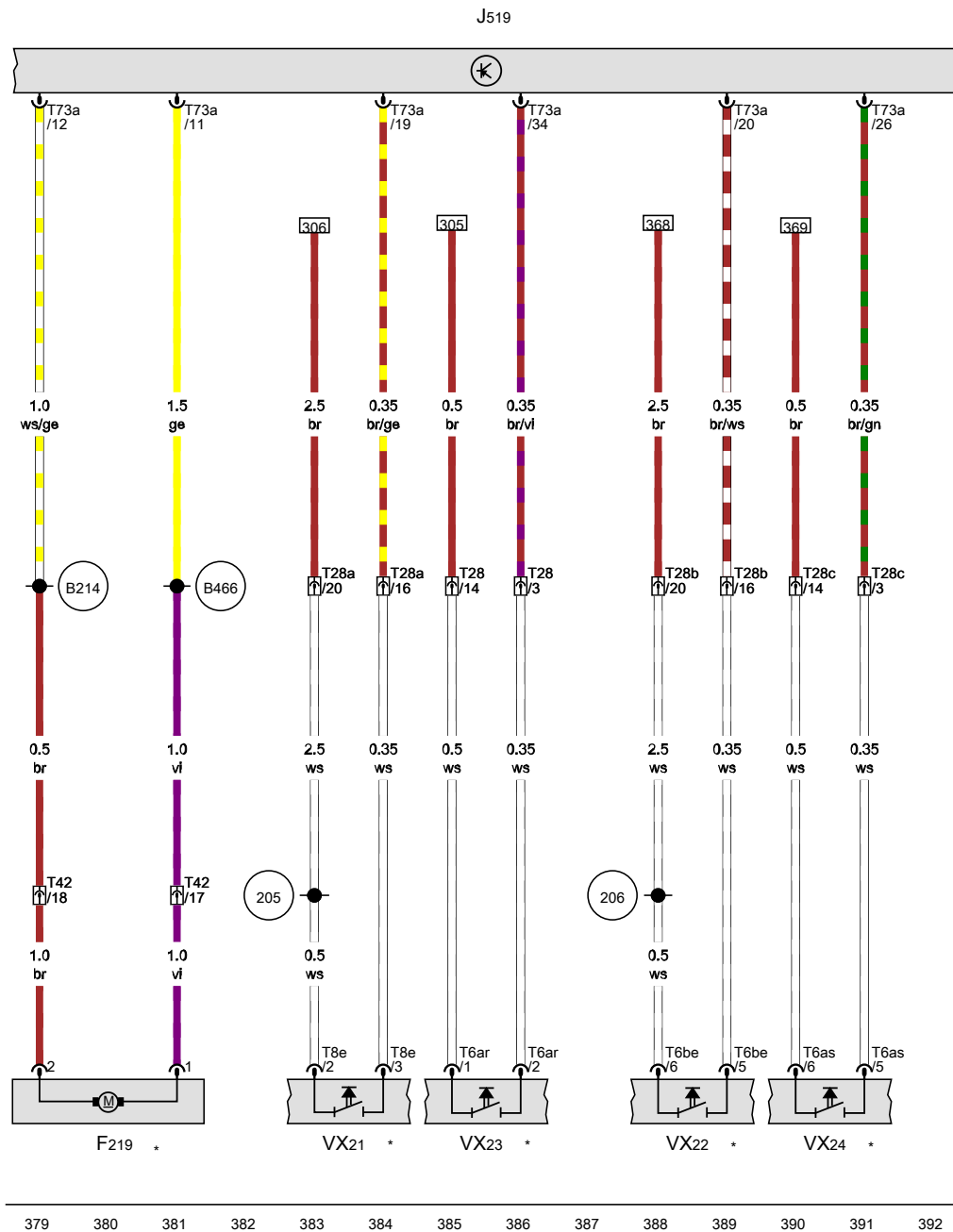
- * Special equipment
- *2 Only models with Highline equipment
- *3 Only models with multifunction display

Fuel tank filler flap central locking actuator, Onboard supply control unit, Driver door lock unit, Front passenger door lock unit, Rear left door lock unit, Rear right door lock unit

- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit
- T6ar 6-pin connector
- T6as 6-pin connector
- T6be 6-pin connector
- T8e 8-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, Right A-pillar
- T28c 28-pin connector, on right B-pillar
- T42 42-pin connector, near handbrake lever
- T73a 73-pin connector
- VX21 Driver door lock unit
- VX22 Front passenger door lock unit
- VX23 Rear left door lock unit
- VX24 Rear right door lock unit

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- B214 Connection 1 (central locking), in interior wiring harness
- B466 Connection 2, in main wiring harness
- * Only models with no central locking

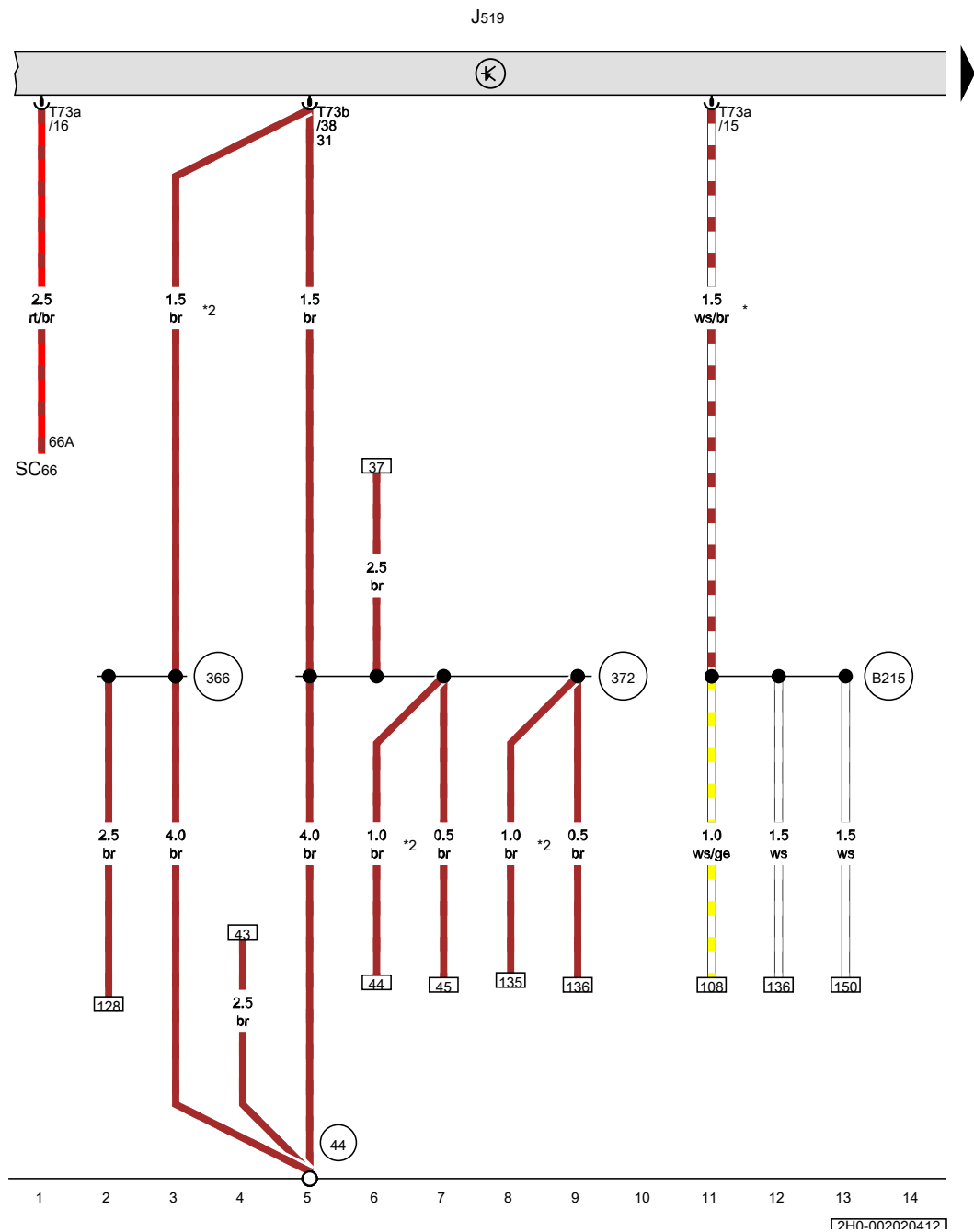
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 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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12H0-0012911121

Central locking, window regulators and mirror adjustment

From December 2009



Onboard supply control unit

J519 Onboard supply control unit, near driver side A-pillar

SC66 Fuse 66 on fuse holder C

T73a 73-pin connector, black

T73b 73-pin connector

44 Earth point, lower part of left A-pillar

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

B215 Connection 2 (central locking), in interior wiring harness

* Only models with double cab

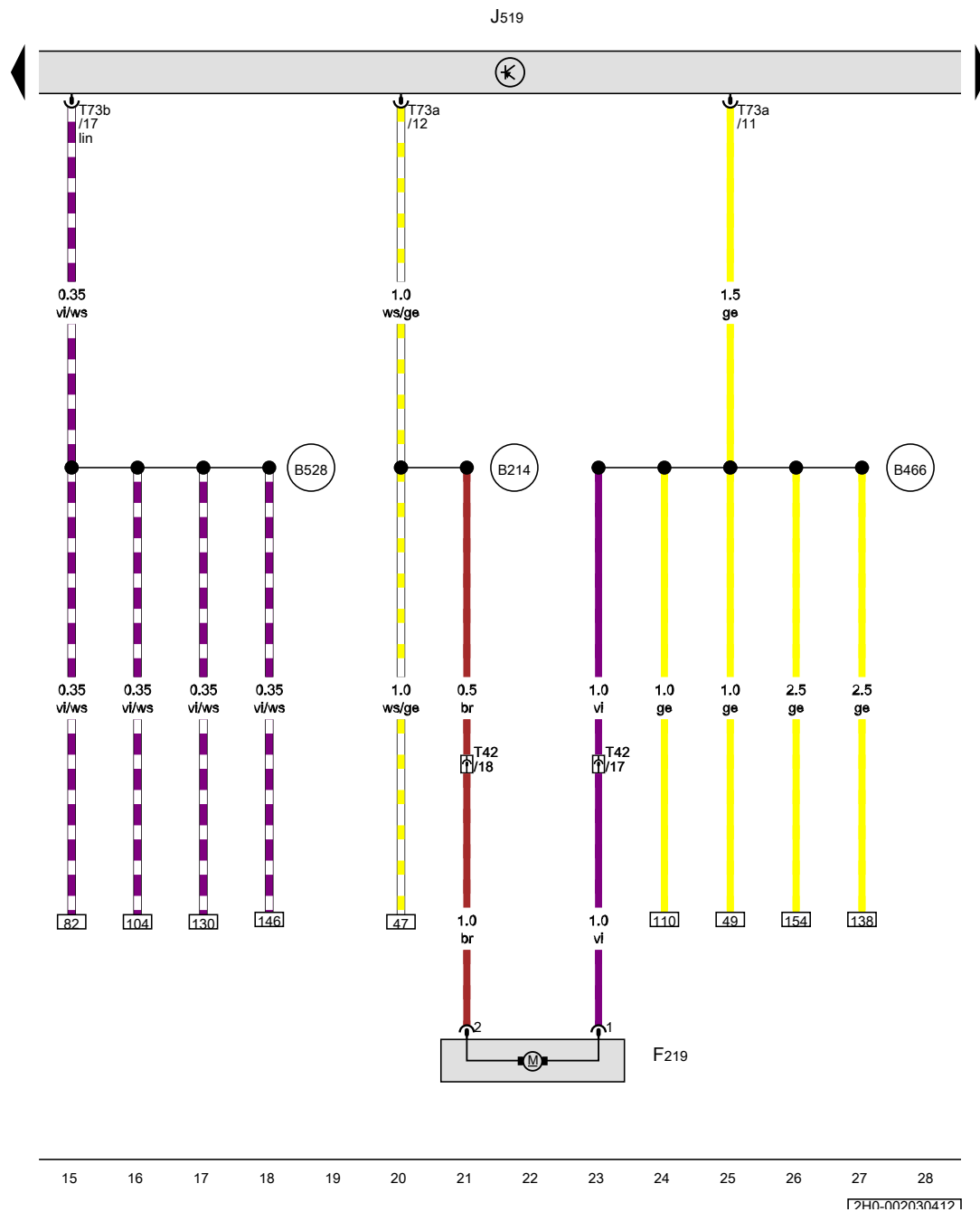
*2 From November 2011

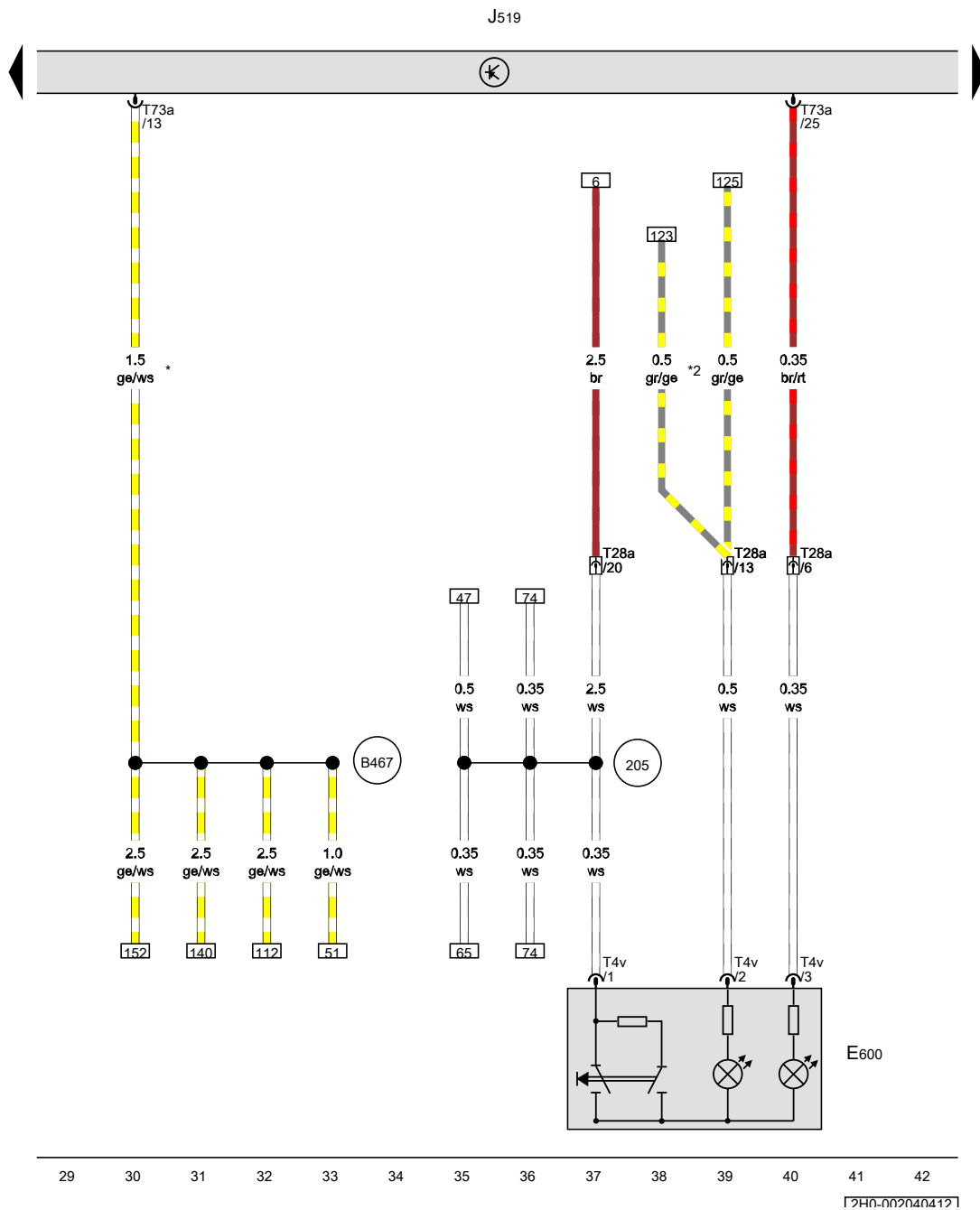
ws = white
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Fuel tank filler flap central locking actuator, Onboard supply control unit

- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit, near driver side A-pillar
- T42 42-pin connector, near handbrake lever
- T73a 73-pin connector, black
- T73b 73-pin connector

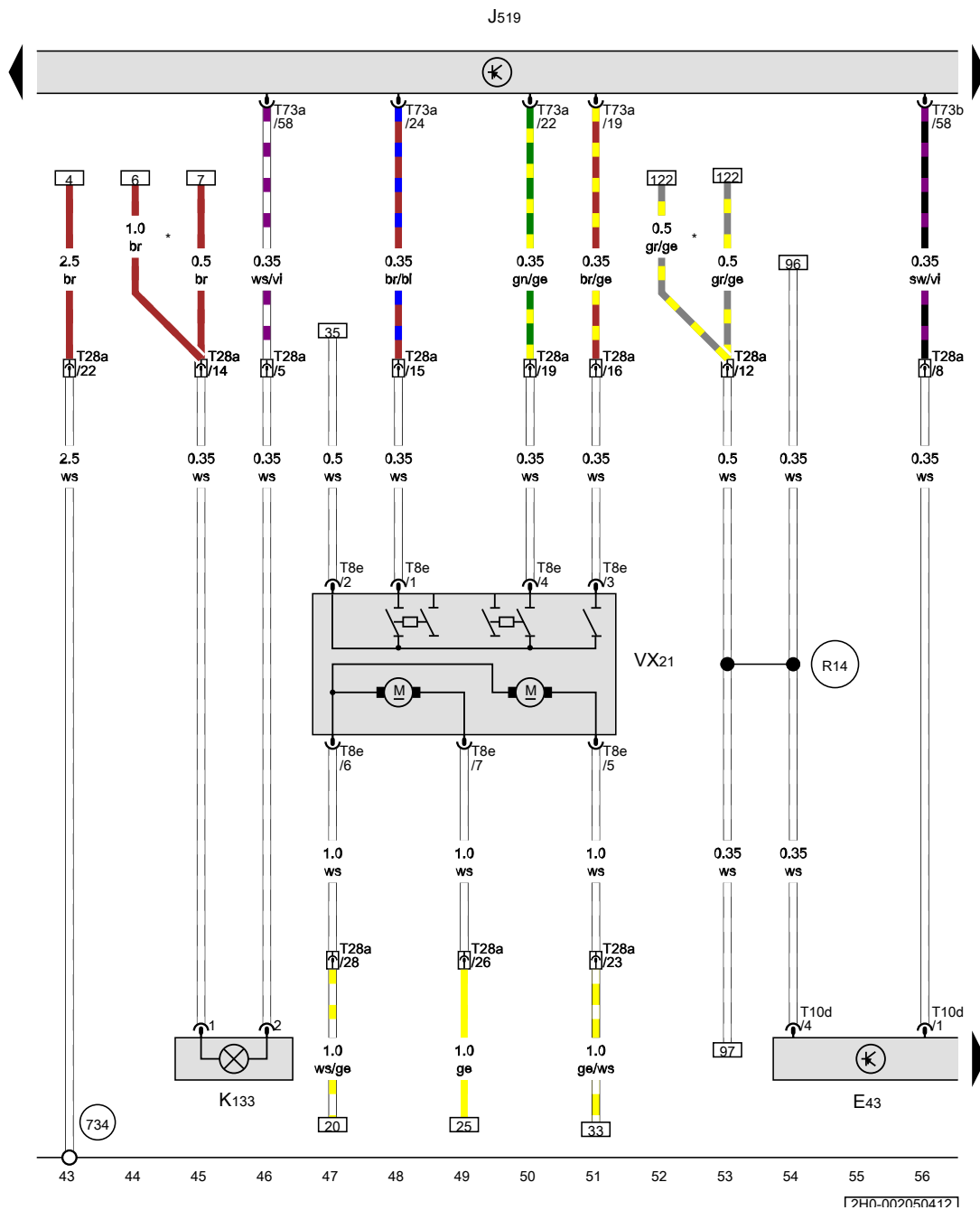
- B214 Connection 1 (central locking), in interior wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness





Central locking button, Onboard supply control unit

- E600 Central locking button, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- T4v 4-pin connector, black
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- 205 Earth connection, in driver door wiring harness
- B467 Connection 3, in main wiring harness
- * Only models with double cab
- *2 From November 2011

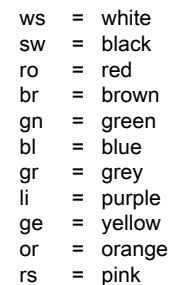


Mirror adjustment switch, Onboard supply control unit,
Central locking SAFELOCK function warning lamp, Driver
door lock unit

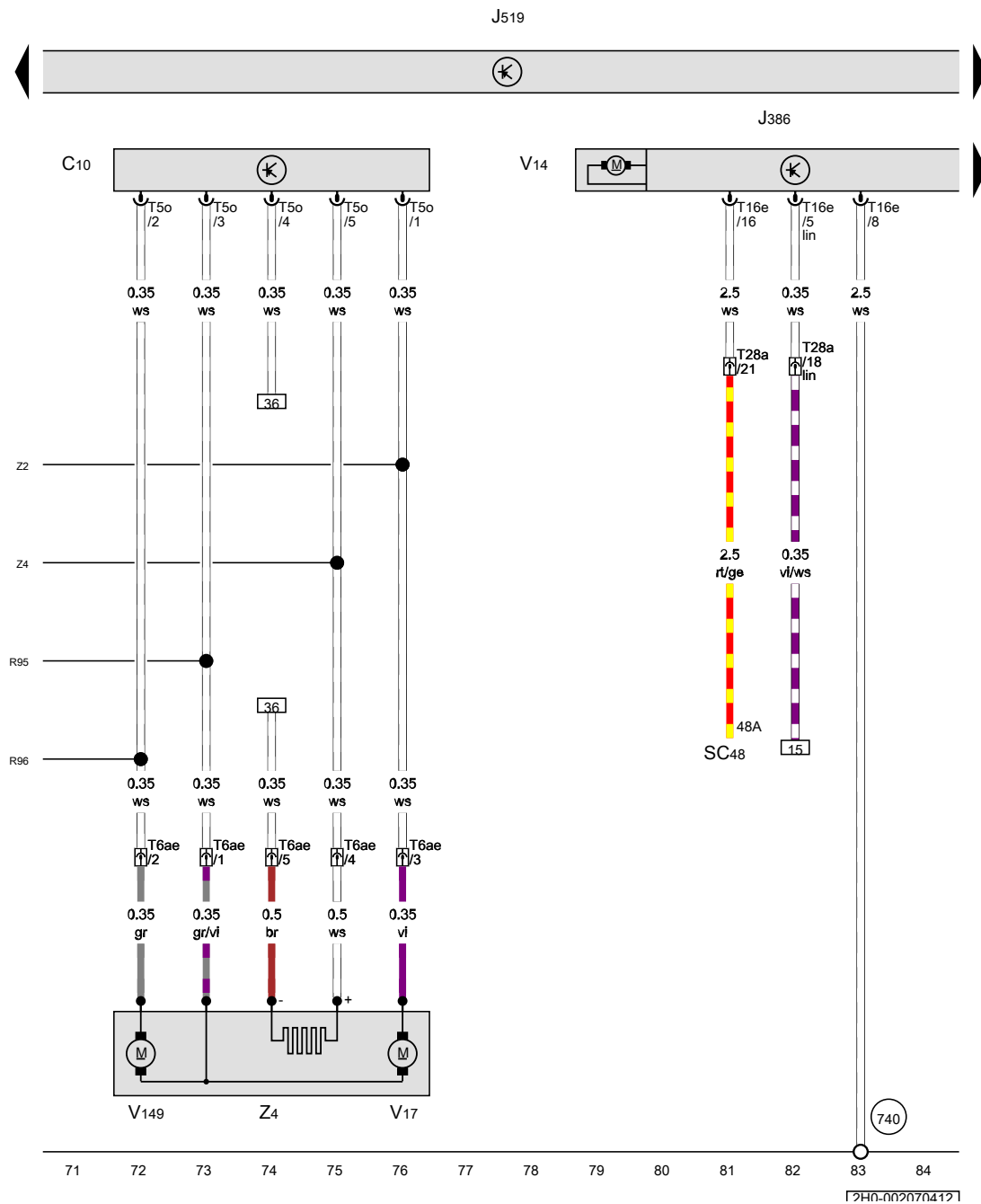
- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- K133 Central locking SAFELOCK function warning lamp
- T8e 8-pin connector, black
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector
- VX21 Driver door lock unit

- 734 Earth point in front left door
- R14 Connection 1 (open), in driver door wiring harness
- * From November 2011

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



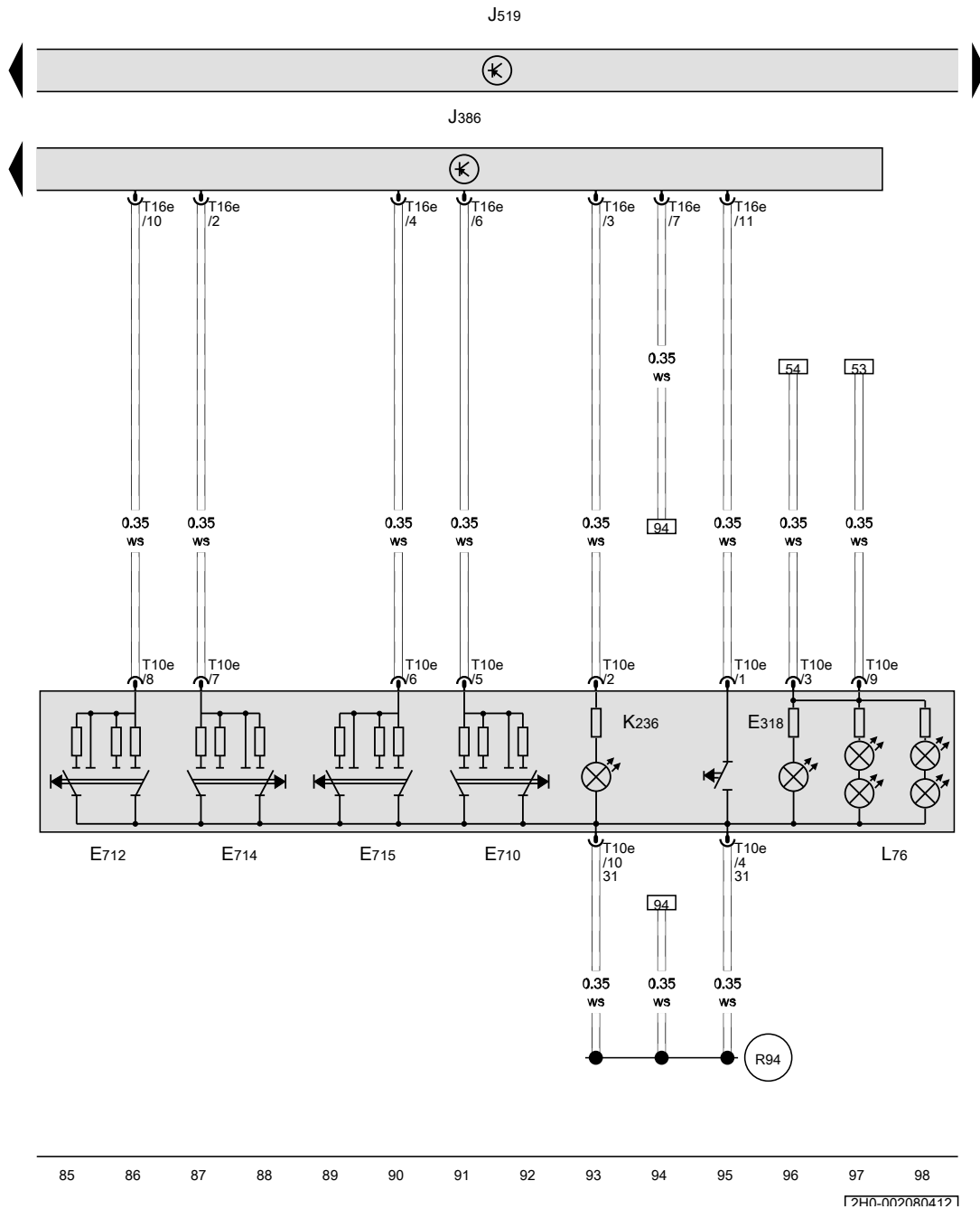
E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
SC33	Fuse 33 on fuse holder C
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness



Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

- C10 Suppression filter, in left door
- J386 Driver door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC48 Fuse 48 on fuse holder C
- T50 5-pin connector
- T6ae 6-pin connector, in left door, near exterior mirror, blue
- T16e 16-pin connector
- T28a 28-pin connector
- V14 Left window regulator motor
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- 740 Earth point 2 in front left door
- R95 Connection 2 in driver side door wiring harness
- R96 Connection 3 in driver side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness

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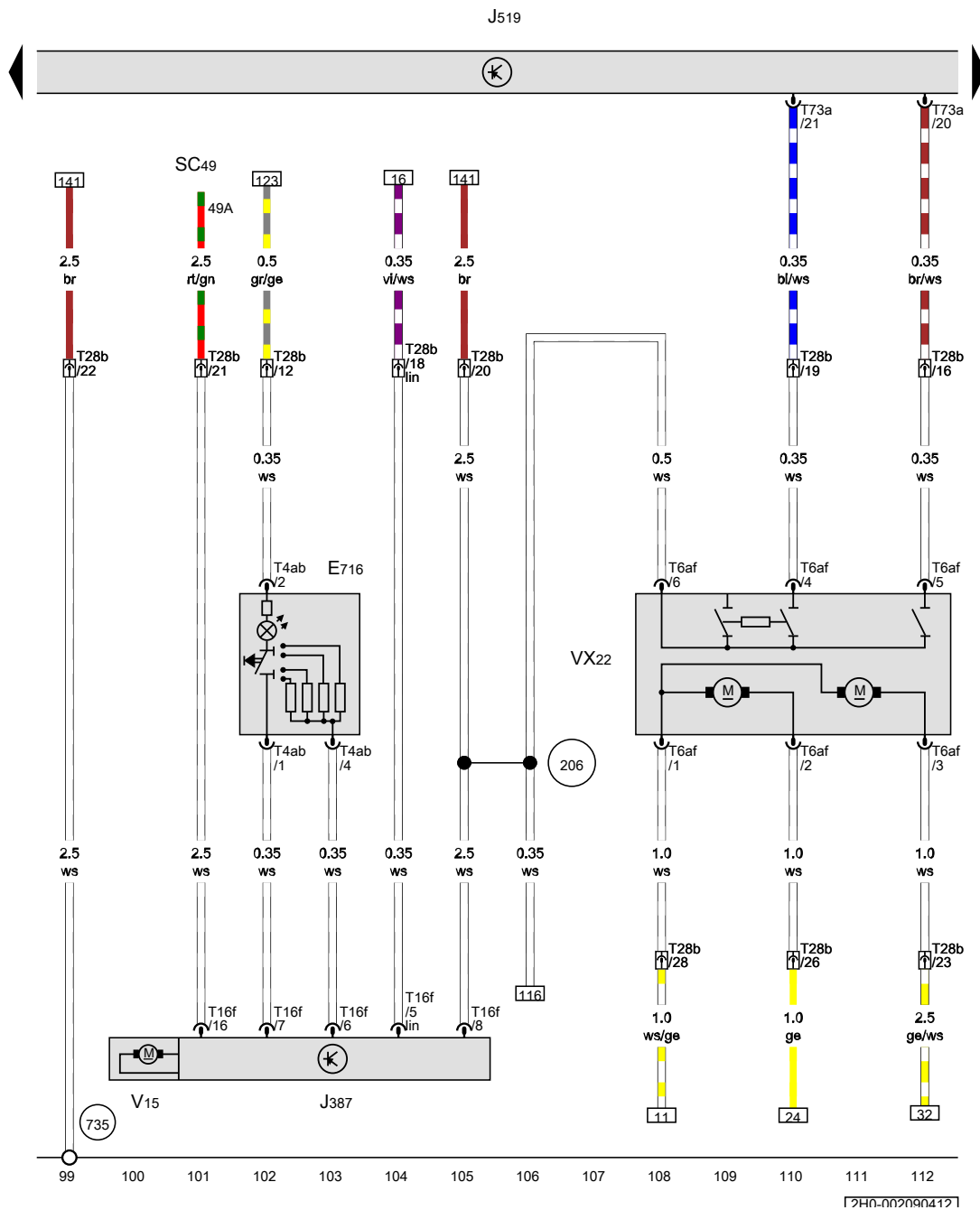


Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Driver door control unit, Onboard supply control unit, Button illumination bulb

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10e	10-pin connector
T16e	16-pin connector, black

(R94) Connection 1 in driver side door wiring harness

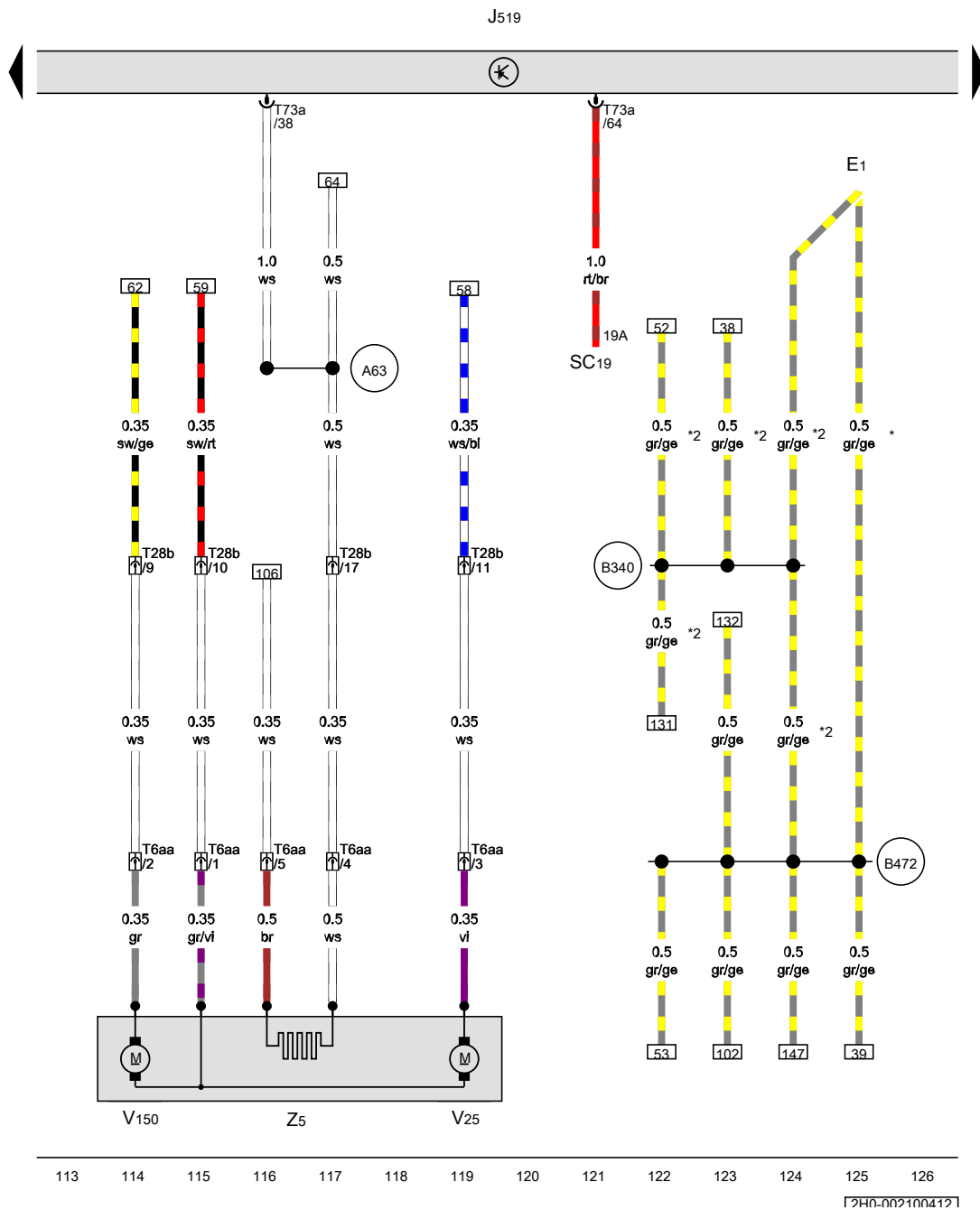
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Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC49 Fuse 49 on fuse holder C
- T4ab 4-pin connector
- T6af 6-pin connector
- T16f 16-pin connector
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- V15 Right window regulator motor
- VX22 Front passenger door lock unit
- 206 Earth connection, in front passenger door wiring harness
- 735 Earth point in front right door

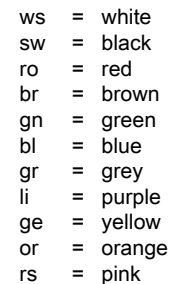
Light switch, Onboard supply control unit, Fuse 19 on fuse holder C, Heated exterior mirror on front passenger side



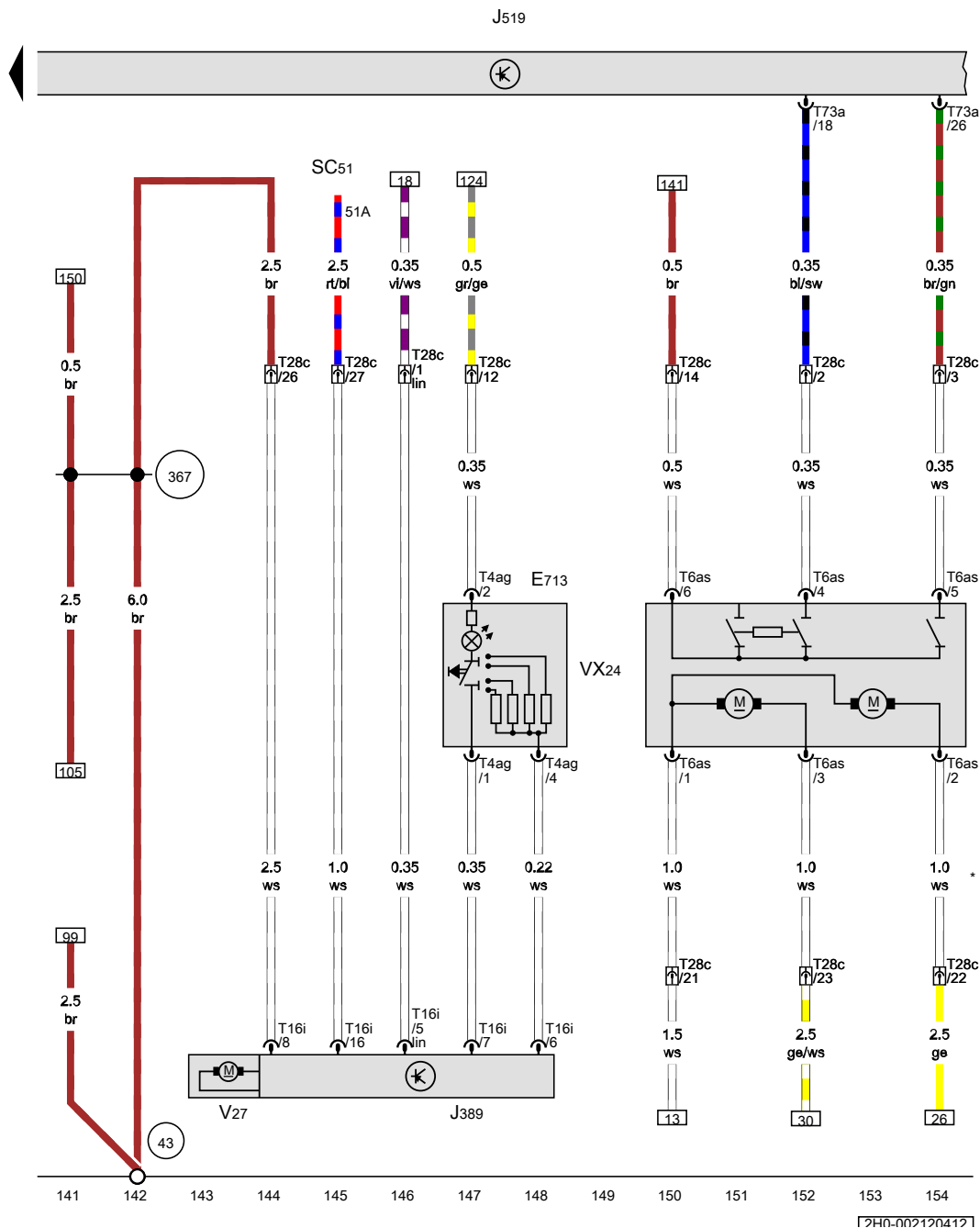
- E1 Light switch
- J519 Onboard supply control unit, near driver side A-pillar
- SC19 Fuse 19 on fuse holder C
- T6aa 6-pin connector, in right door, near exterior mirror, blue
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- Z5 Heated exterior mirror on front passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness

* Up to November 2011
 *2 From November 2011

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E711	Rear driver side window regulator button, in rear left door
J388	Rear left door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector
T28	28-pin connector, on left B-pillar
T73a	73-pin connector, black
VX23	Rear left door lock unit
V26	Rear left window regulator motor
*	Only models with SAFELOCK function
*2	From November 2011



Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

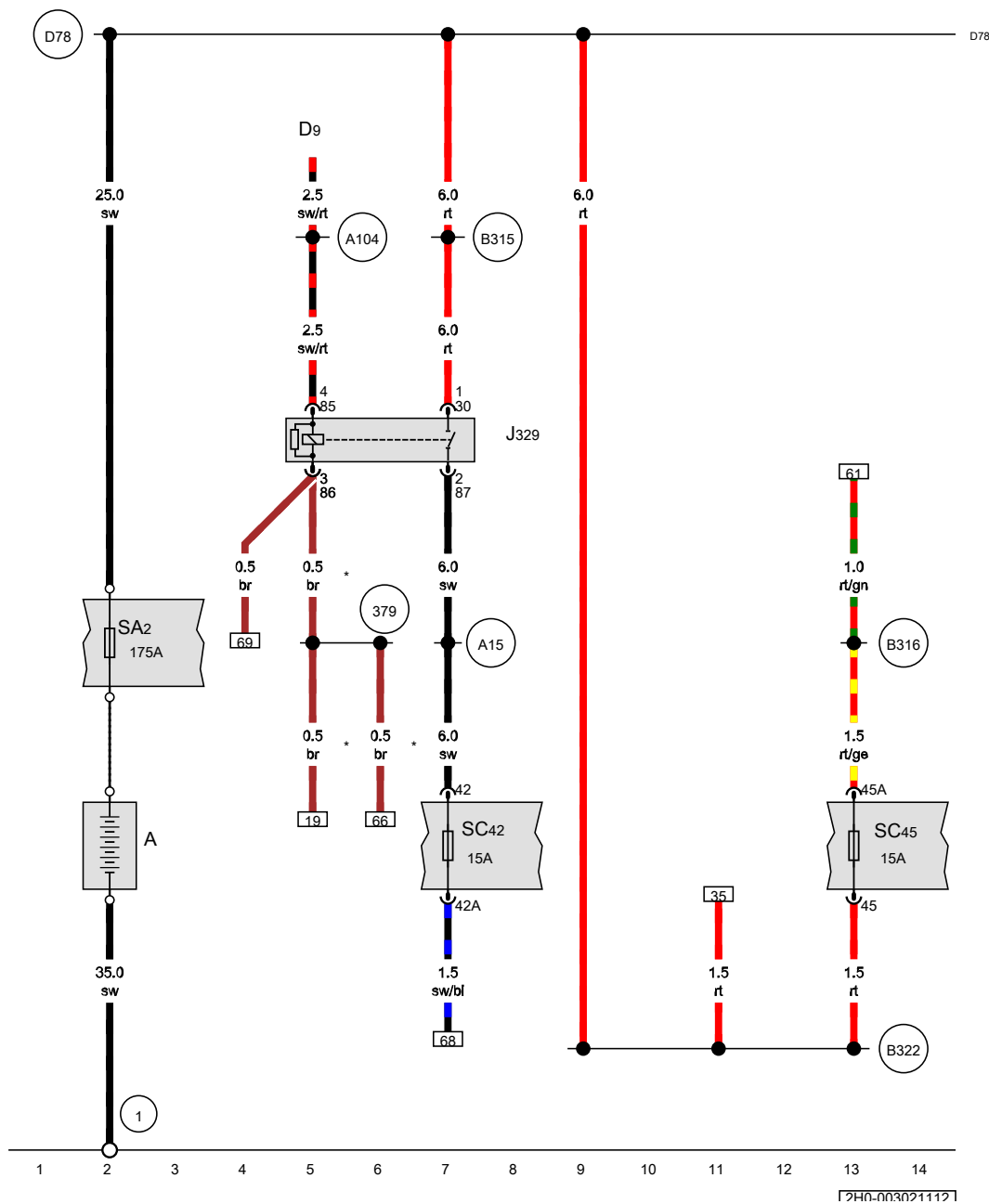
- E713 Rear passenger side window regulator button, in rear right door
- J389 Rear right door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC51 Fuse 51 on fuse holder C
- T4ag 4-pin connector
- T6as 6-pin connector, black
- T16i 16-pin connector, black
- T28c 28-pin connector, on right B-pillar
- T73a 73-pin connector, black
- VX24 Rear right door lock unit
- V27 Rear right window regulator motor

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- * Only models with SAFELOCK function

Climatic

From December 2009

Battery, Fuse 2 in fuse holder A, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C



- A Battery
- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- SA2 Fuse 2 in fuse holder A
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- 1 Earth strap, battery - body
- 379 Earth connection 14, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * From November 2011

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Auxiliary coolant heater relay, Fuse 62 on fuse holder C, Circulation pump

J493 Auxiliary coolant heater relay
SC62 Fuse 62 on fuse holder C
V55 Circulation pump

368 Earth connection 3, in main wiring harness

372 Earth connection 7, in main wiring harness

380 Earth connection 15, in main wiring harness

655 Earth point, on left headlight

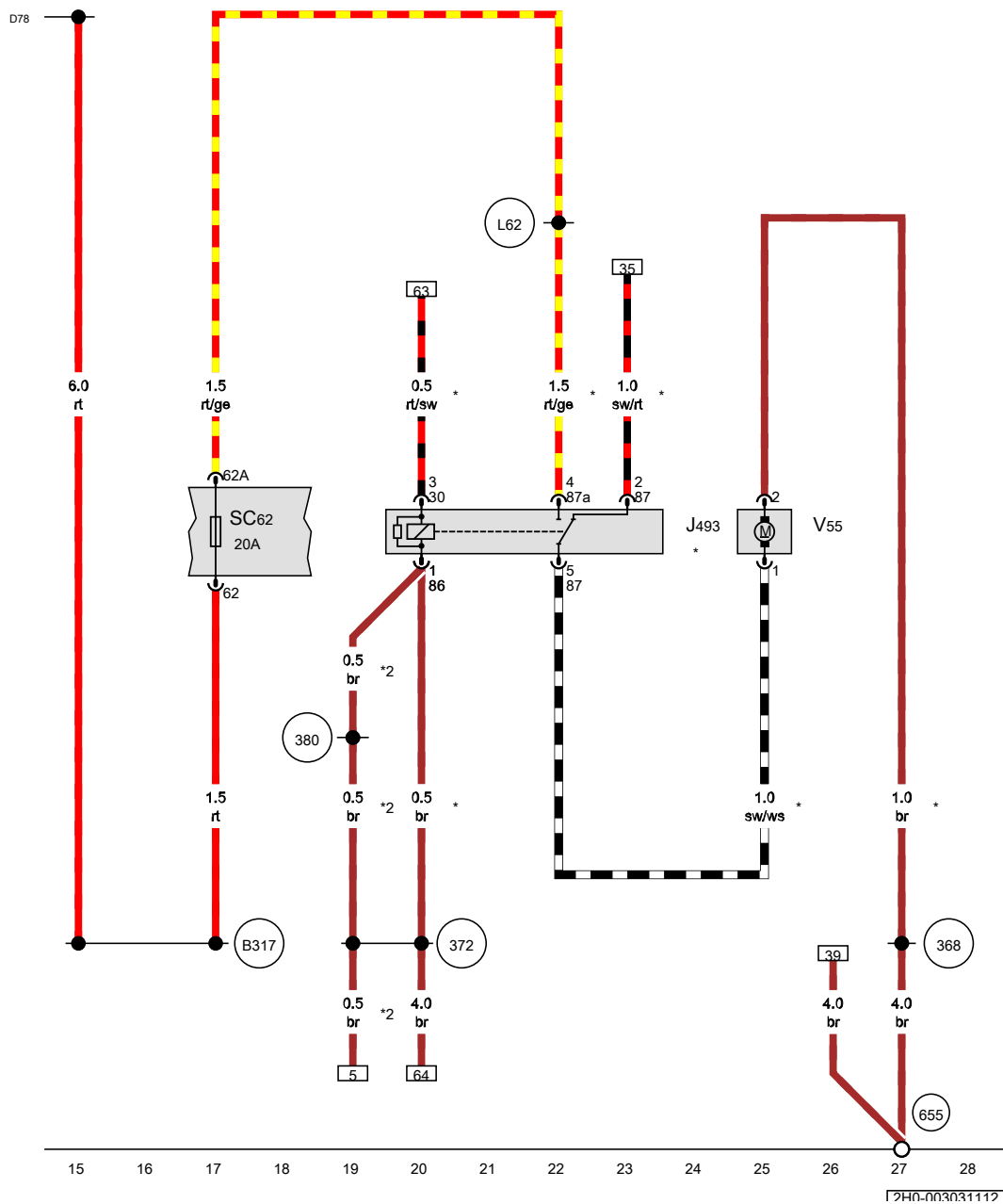
B317 Positive connection 3 (30a) in main wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

L62 Positive connection (30a), in auxiliary heater wiring harness

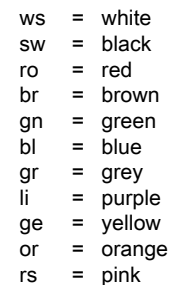
* Only models with diesel engine

*2 From November 2011



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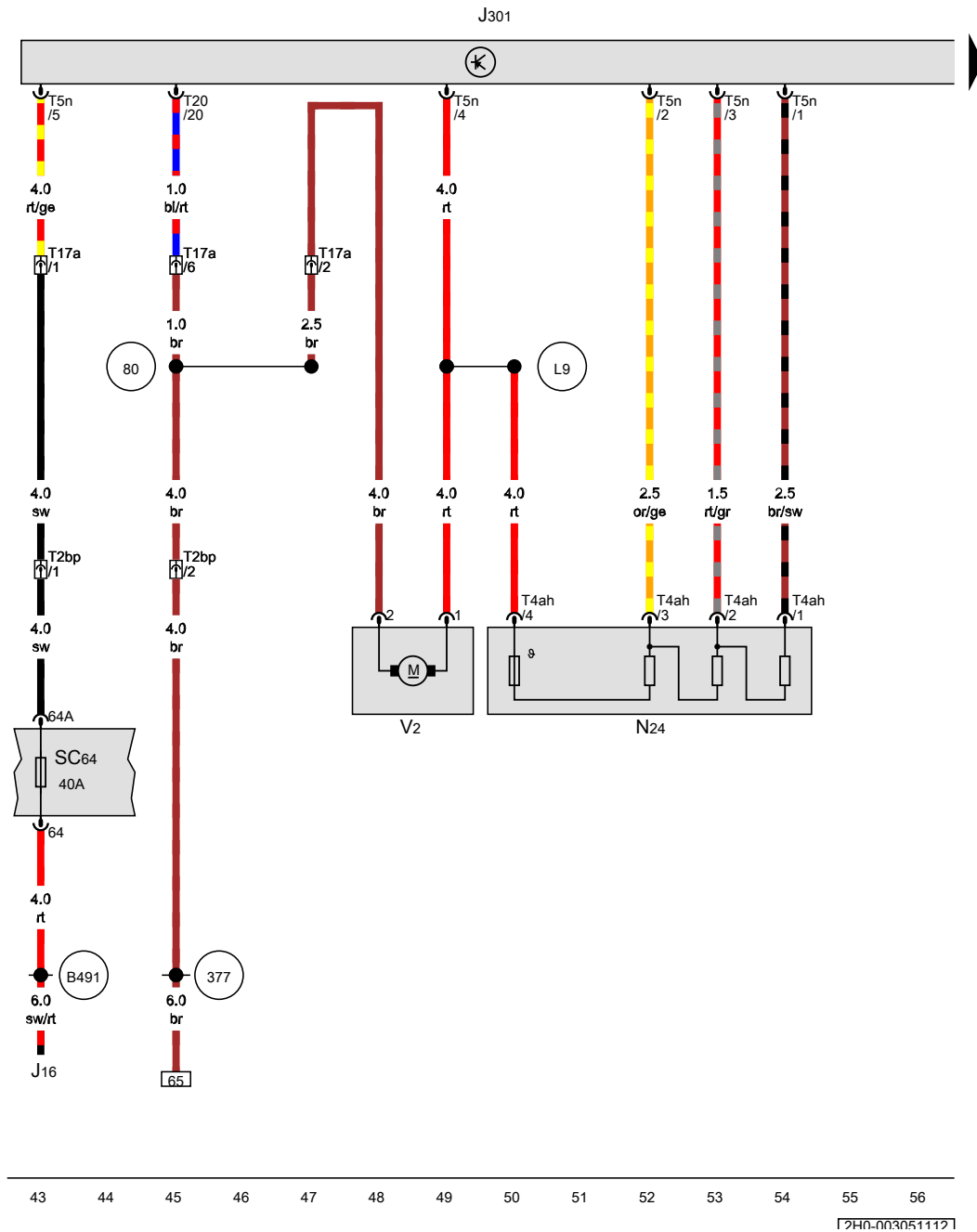
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
375	Earth connection 10, in main wiring harness
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine



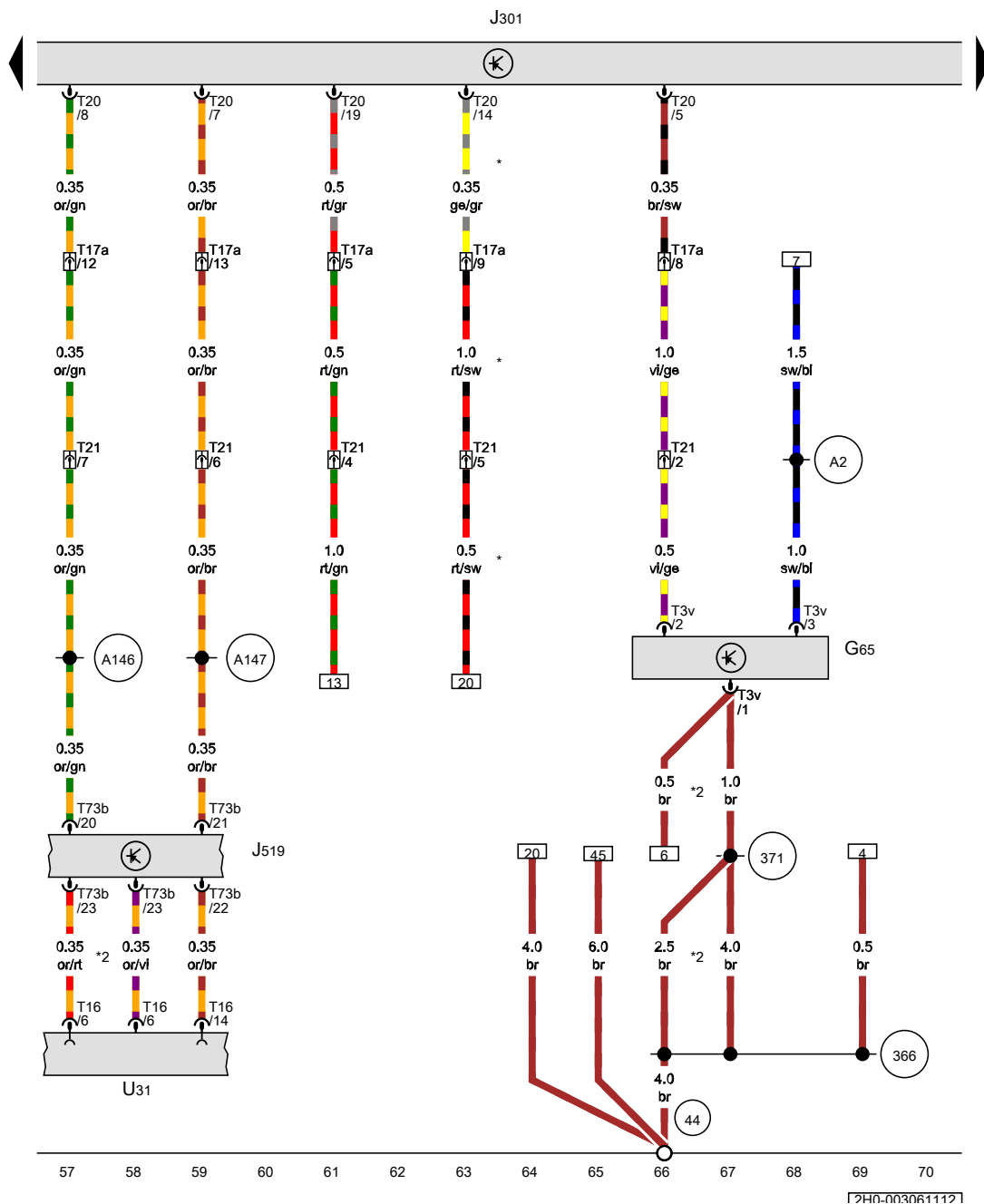
Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fuse 64 on fuse holder C, Fresh air blower

J16	Current supply relay
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector, in front left in footwell, black
T4ah	4-pin connector
T5n	5-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector, black
V2	Fresh air blower

- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- L9 Connection 1, in air conditioning system wiring harness



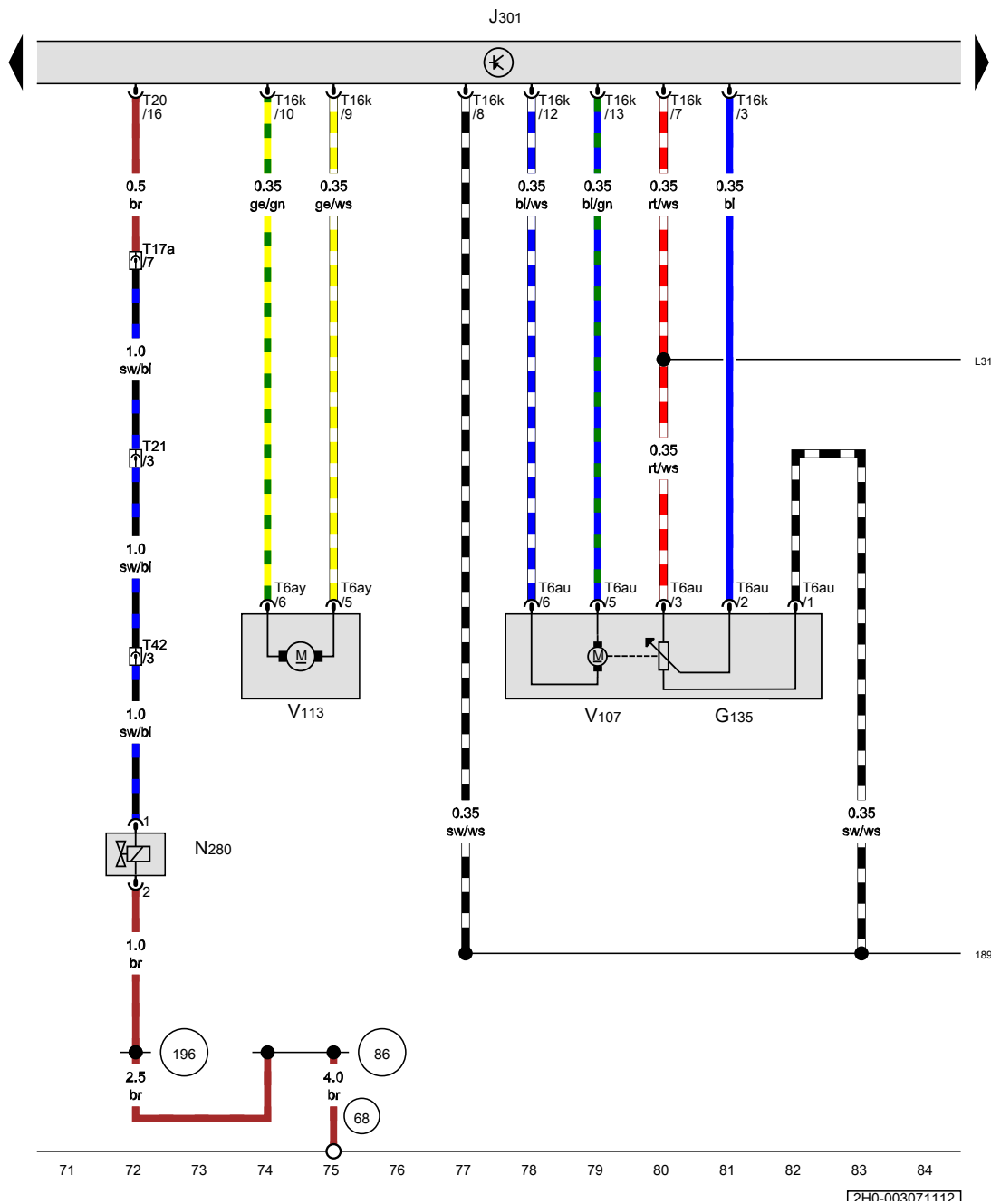
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High-pressure sender, Air conditioning system control unit, Onboard supply control unit

- G65 High-pressure sender
- J301 Air conditioning system control unit
- J519 Onboard supply control unit
- T3v 3-pin connector
- T16 16-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T20 20-pin connector, black
- T21 21-pin connector, on relay carrier, blue
- T73b 73-pin connector
- U31 Diagnostic connection
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- * Only models with diesel engine
- *2 From November 2011

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Potentiometer for defroster flap control motor, Air conditioning system control unit, Air conditioner compressor regulating valve, Defroster flap control motor, Air recirculation flap control motor

G135	Potentiometer for defroster flap control motor
J301	Air conditioning system control unit
N280	Air conditioner compressor regulating valve
T6au	6-pin connector
T6ay	6-pin connector
T16k	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector, black
T21	21-pin connector, on relay carrier, blue
T42	42-pin connector, near handbrake lever, black
V107	Defroster flap control motor
V113	Air recirculation flap control motor

68 Earth point, on left of rear cross member

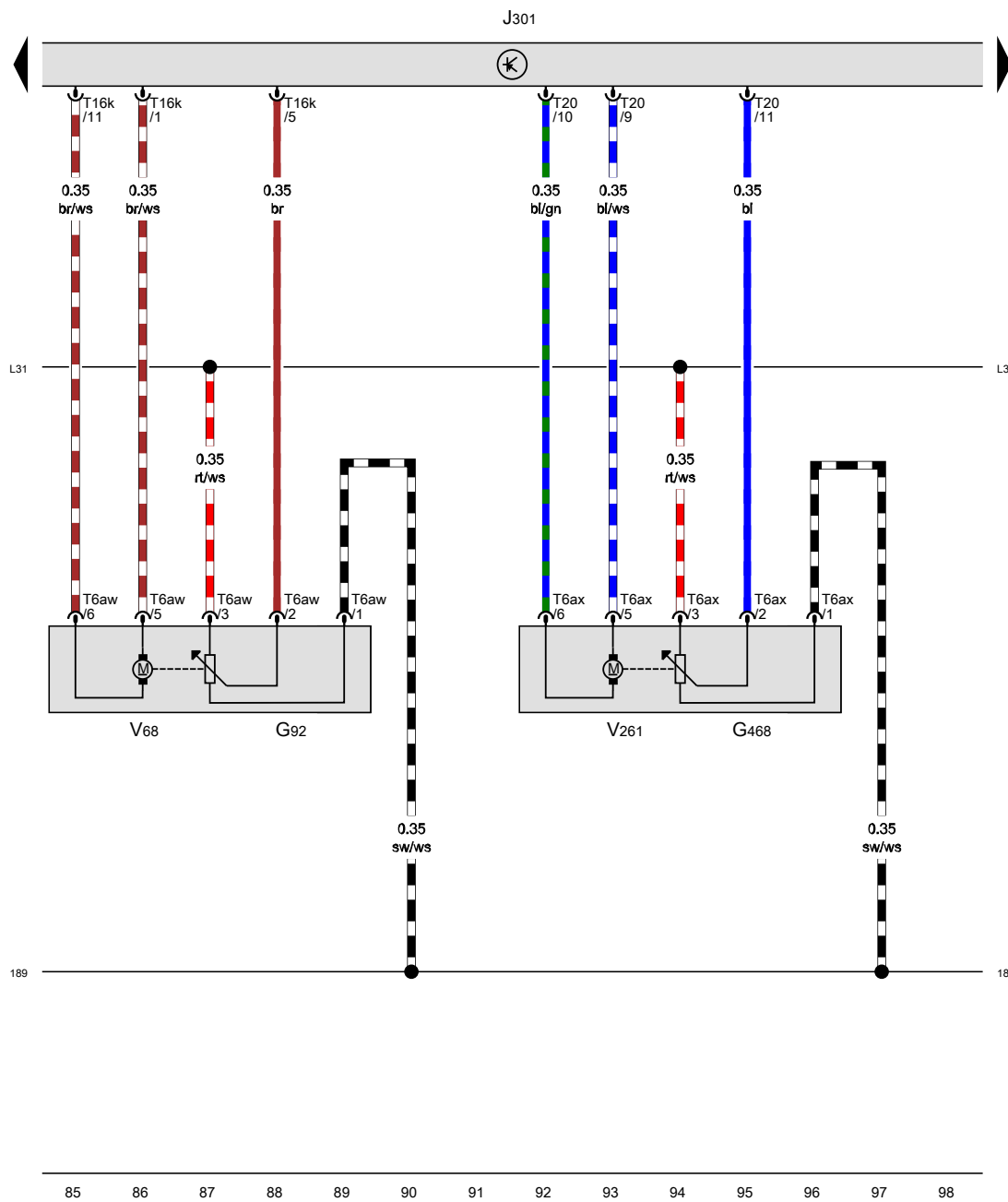
86 Earth connection 1, in rear wiring harness

189 Earth connection 1, in heater wiring harness

(196) Earth connection 3, in rear wiring harness

(L31) Connection (5V), in air conditioning system wiring harness

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sw = black
ro = red
br = brown
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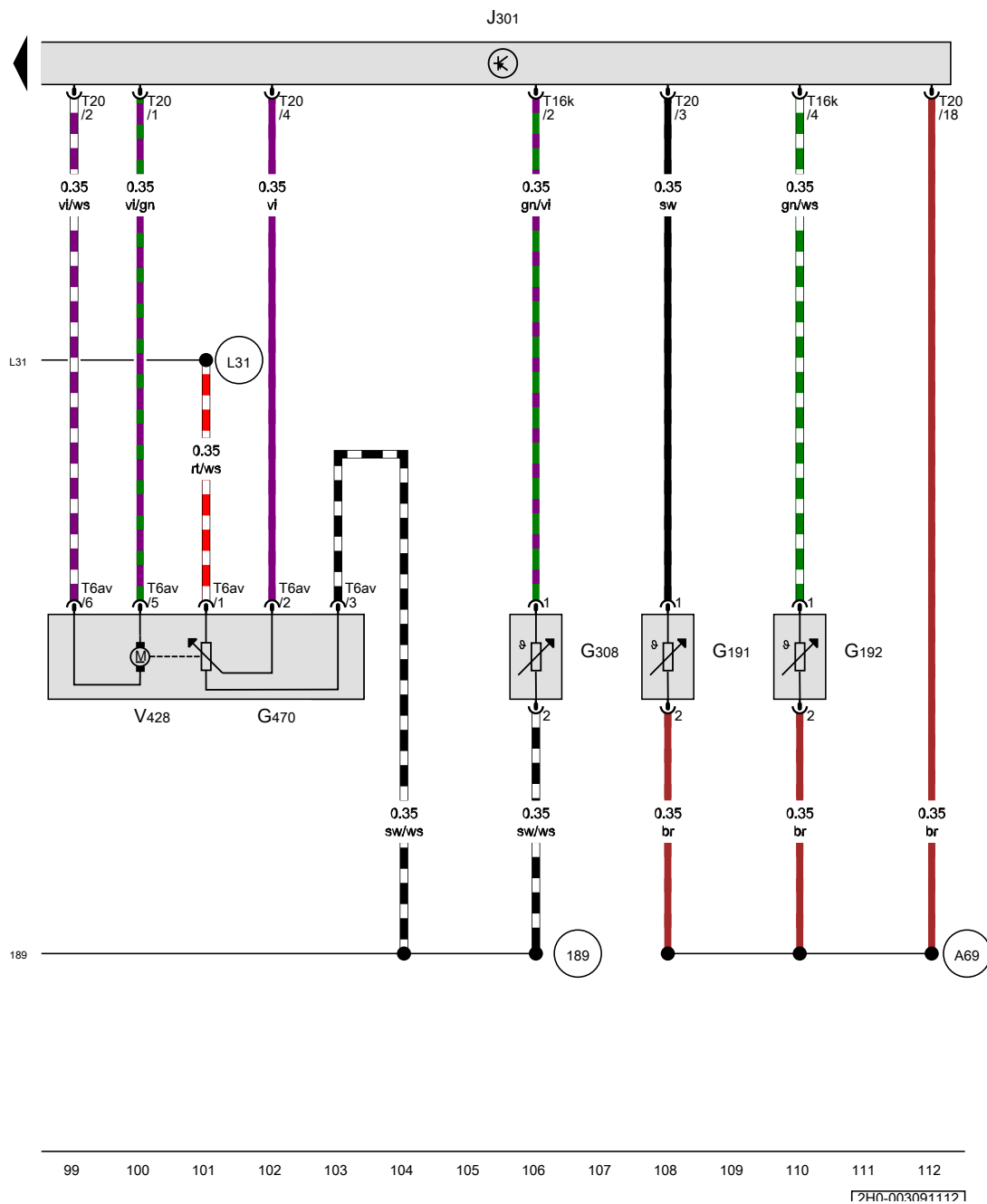
Potentiometer for temperature flap control motor,
Potentiometer for footwell vent control motor, Air
conditioning system control unit, Temperature flap control
motor, Footwell flap control motor

- G92 Potentiometer for temperature flap control motor
- G468 Potentiometer for footwell vent control motor
- J301 Air conditioning system control unit
- T6aw 6-pin connector
- T6ax 6-pin connector
- T16k 16-pin connector, black
- T20 20-pin connector, black
- V68 Temperature flap control motor
- V261 Footwell flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

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[240-003081112]



Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Air distribution flap control motor

- G191 Centre vent temperature sender
- G192 Footwell vent temperature sender
- G308 Evaporator temperature sensor
- G470 Potentiometer for front air distribution control motor
- J301 Air conditioning system control unit
- T6av 6-pin connector
- T16k 16-pin connector, black
- T20 20-pin connector, black
- V428 Air distribution flap control motor
- 189 Earth connection 1, in heater wiring harness
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

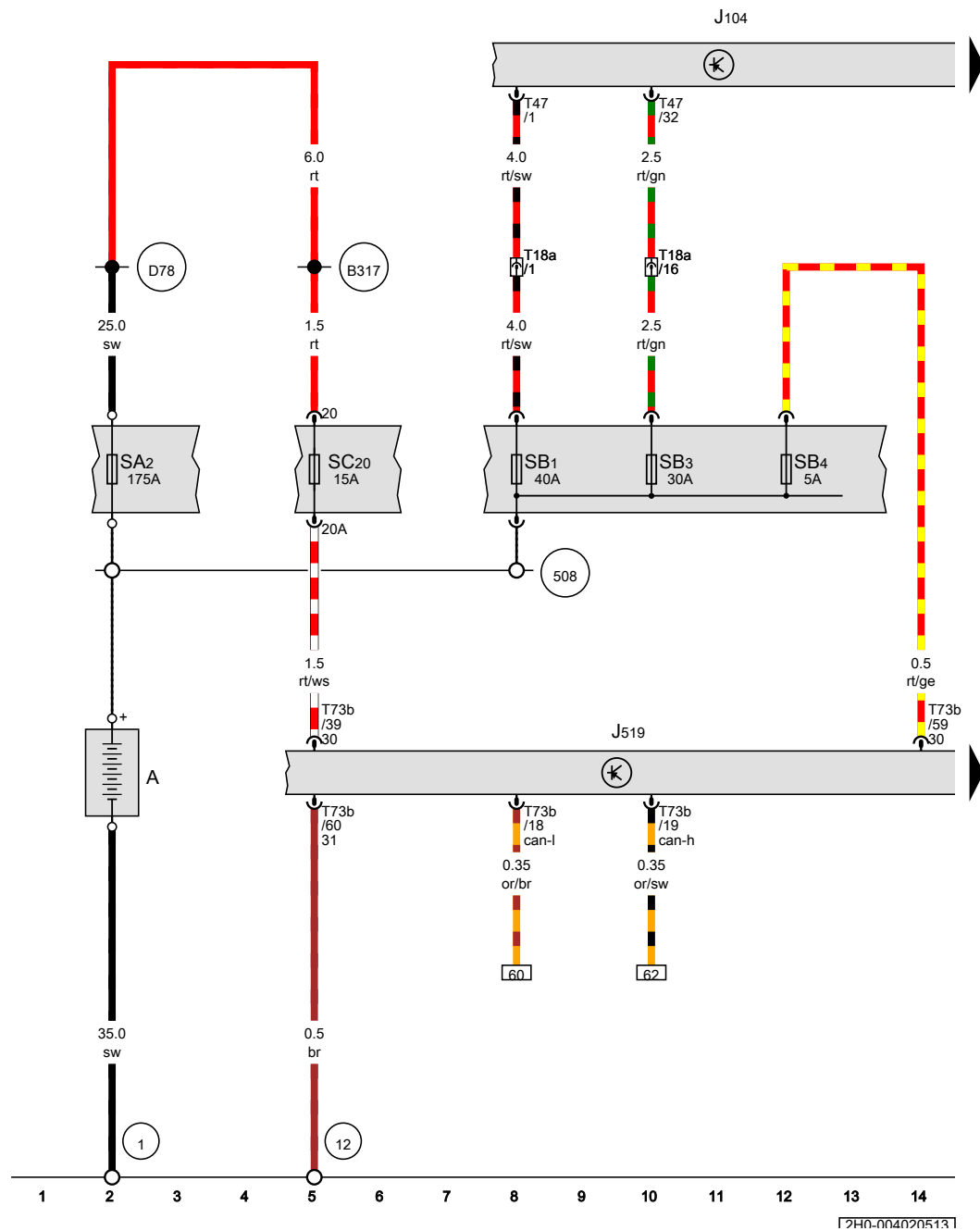
Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS)

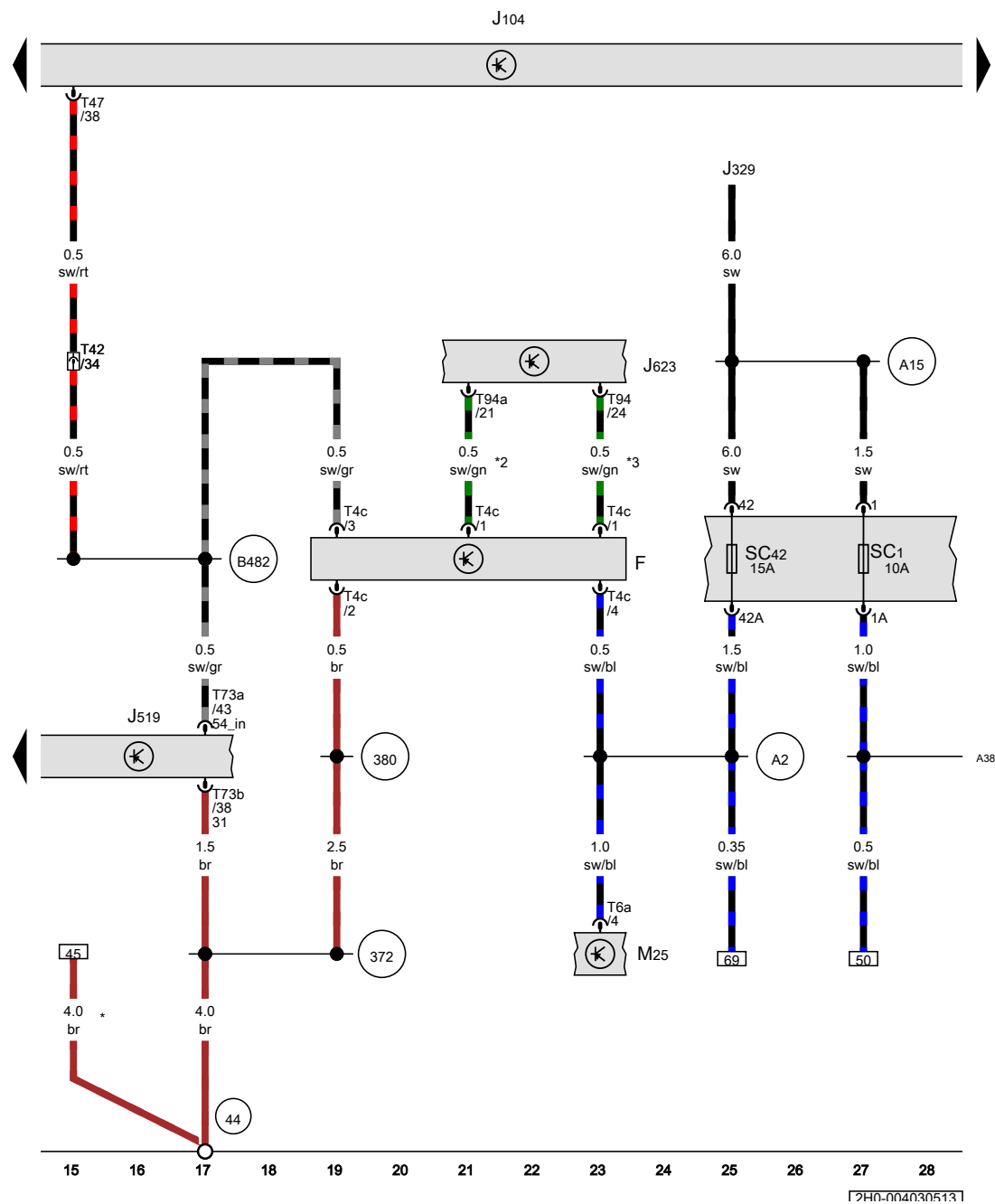
From December 2009

Battery, ABS control unit, Onboard supply control unit, Fuse 1 on fuse holder B, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 20 on fuse holder C

- A Battery
- J104 ABS control unit
- J519 Onboard supply control unit
- SB1 Fuse 1 on fuse holder B
- SA2 Fuse 2 in fuse holder A
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SC20 Fuse 20 on fuse holder C, black
- T18a 18-pin connector, grey, near engine control unit
- T47 47-pin connector, black
- T73b 73-pin connector, colourless

- 1 Earth strap, battery - body
- 12 Earth point, on left in engine compartment
- 508 Threaded connection (30) on E-box
- B317 Positive connection 3 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

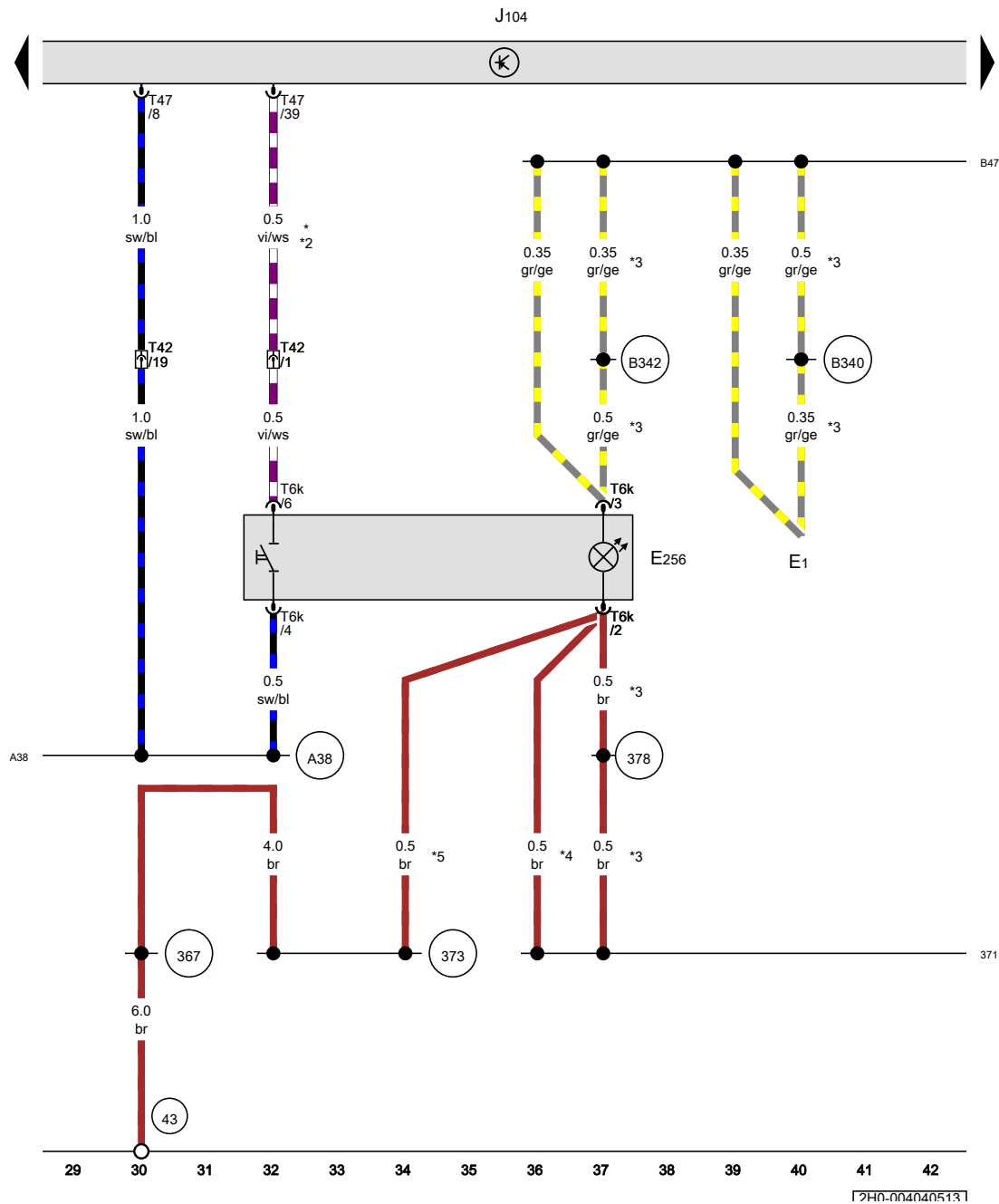




Brake light switch, ABS control unit, Onboard supply control unit, Fuse 1 on fuse holder C

- F Brake light switch
- J104 ABS control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- M25 Additional brake light bulb
- SC1 Fuse 1 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector, black
- T6a 6-pin connector, black
- T42 42-pin connector, black, near handbrake lever
- T47 47-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- T94 94-pin connector, black
- T94a 94-pin connector, black

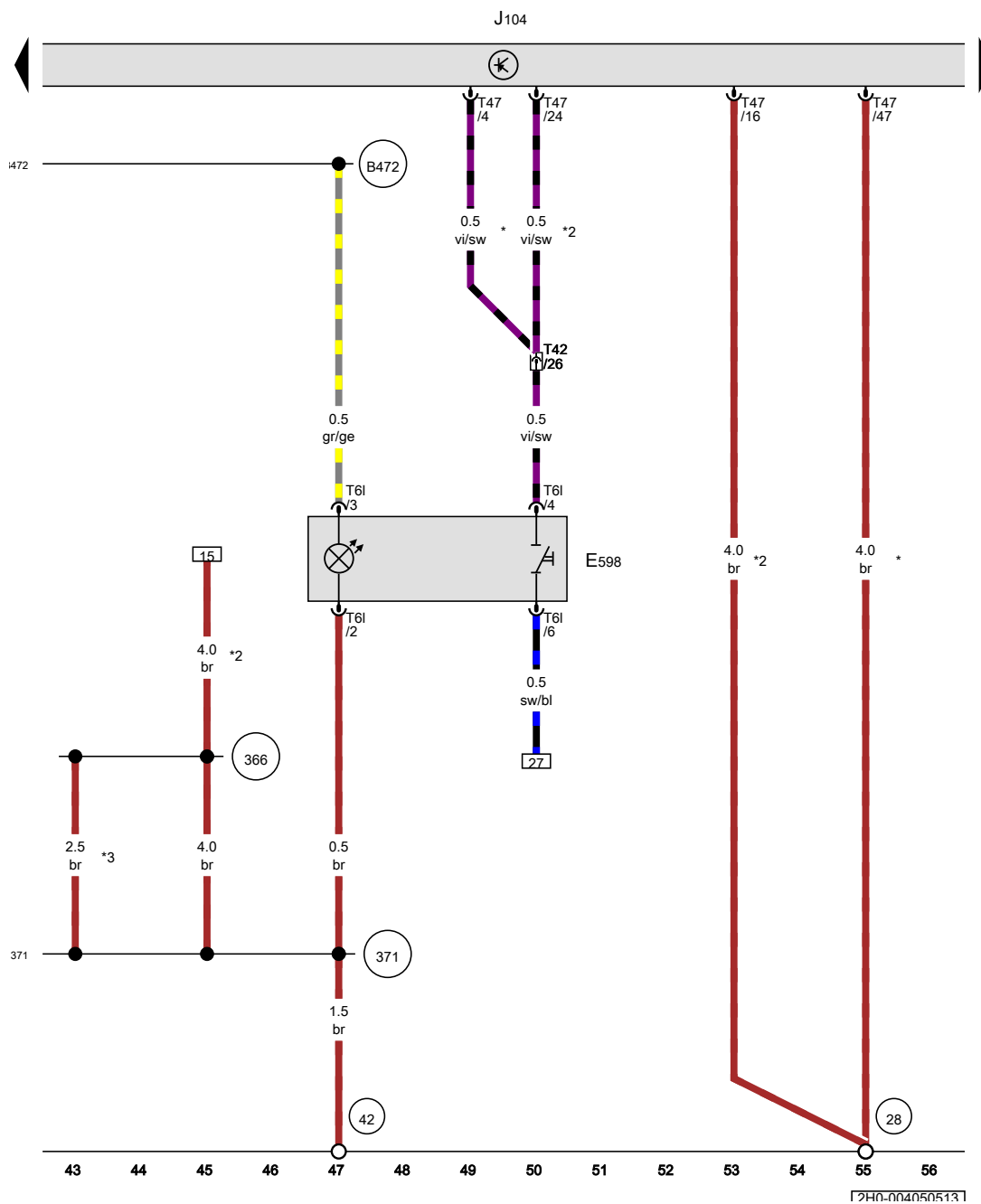
- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with electronic stabilisation program (ESP)
- *2 Only models with diesel engine
- *3 Only models with petrol engine



TCS and ESP button, ABS control unit

E1 Light switch
 E256 TCS and ESP button
 J104 ABS control unit
 T6k 6-pin connector, black
 T42 42-pin connector, black, near handbrake lever
 T47 47-pin connector, black

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- * with auxiliary drive (part time)
- *2 with no auxiliary drive
- *3 From November 2011
- *4 Only models with electronic stabilisation program (ESP)
- *5 Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL)



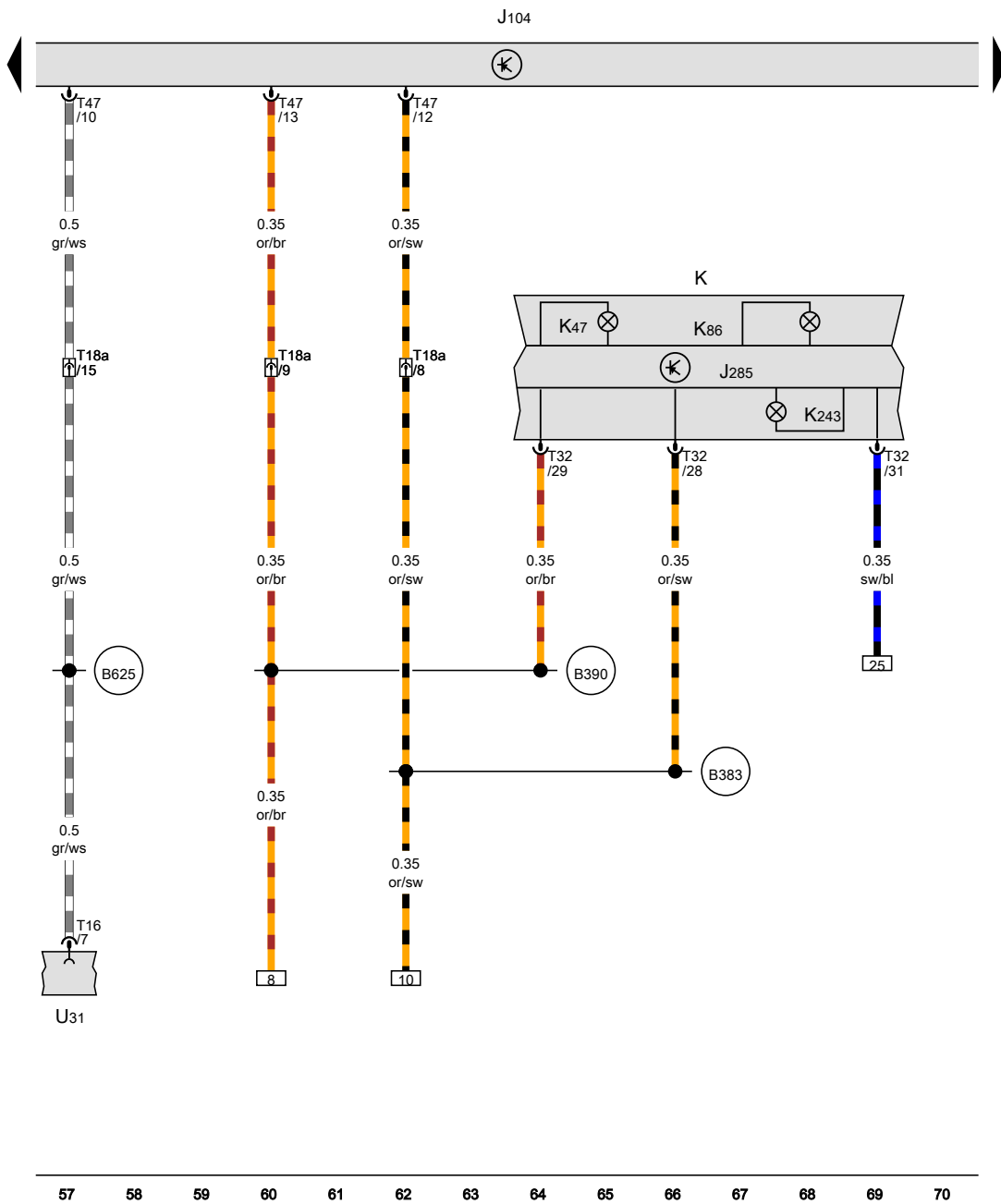
Driving program button, ABS control unit

E598 Driving program button
J104 ABS control unit
T61 6-pin connector, red
T42 42-pin connector, black, near handbrake lever
T47 47-pin connector, black

28 Earth point, on bulkhead
42 Earth point, next to steering column
366 Earth connection 1, in main wiring harness
371 Earth connection 6, in main wiring harness
B472 Connection 8, in main wiring harness

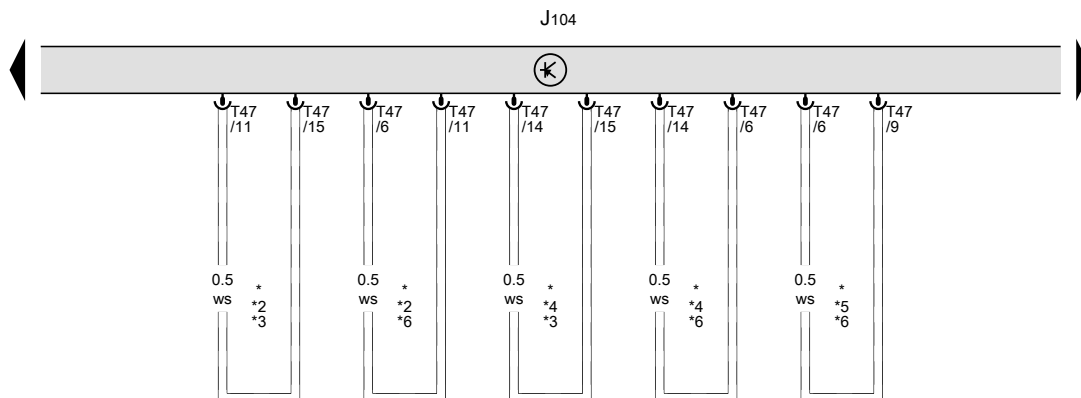
* Only models with no ESP
*2 Only models with electronic stabilisation program (ESP)
*3 From November 2011

ABS control unit, Dash panel insert, ABS warning lamp, Traction control system warning lamp, Driving program warning light, Diagnostic connection



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sw = black
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
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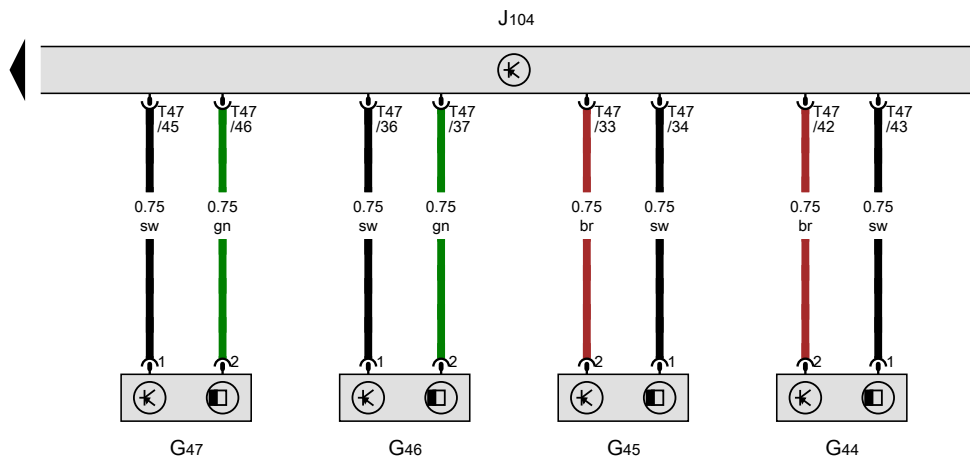
- J104 ABS control unit
- J285 Control unit in dash panel insert
- K Dash panel insert
- K47 ABS warning lamp
- K86 Traction control system warning lamp
- K243 Driving program warning light
- T16 16-pin connector, black
- T18a 18-pin connector, grey, near engine control unit
- T32 32-pin connector, blue
- T47 47-pin connector, black
- 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
- B625 Connection (K-diagnosis wire), in main wiring harness



ABS control unit

- J104 ABS control unit
- T47 47-pin connector, black
- * Only models with no ESP
- *2 with no auxiliary drive
- *3 Only models with single cab
- *4 with auxiliary drive (part time)
- *5 with auxiliary drive (Torsen)
- *6 Only models with double cab

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



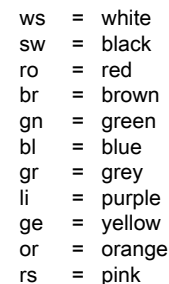
Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- T47 47-pin connector, black

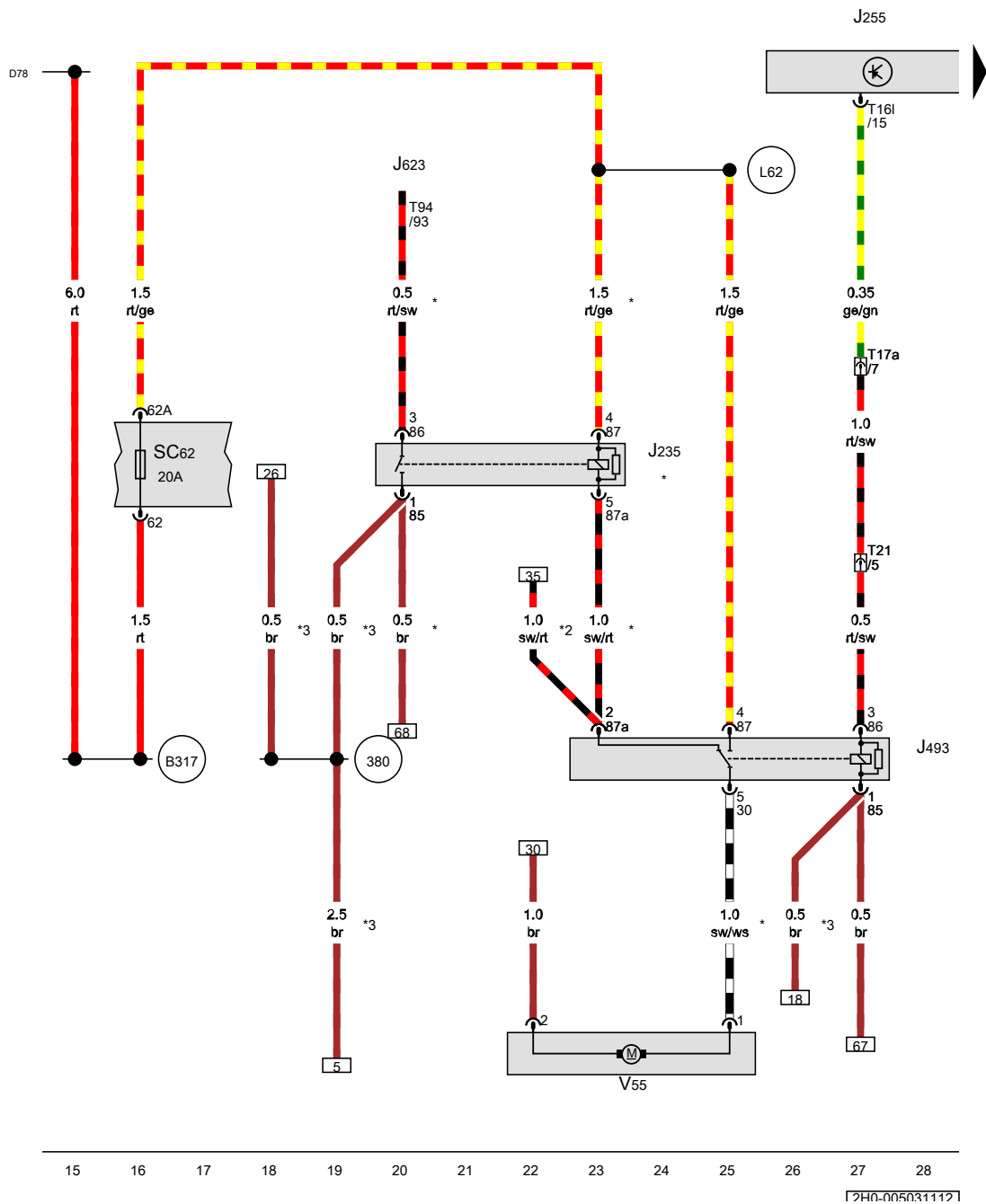
ws = white
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 vi = purple
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Climatronic

From December 2009

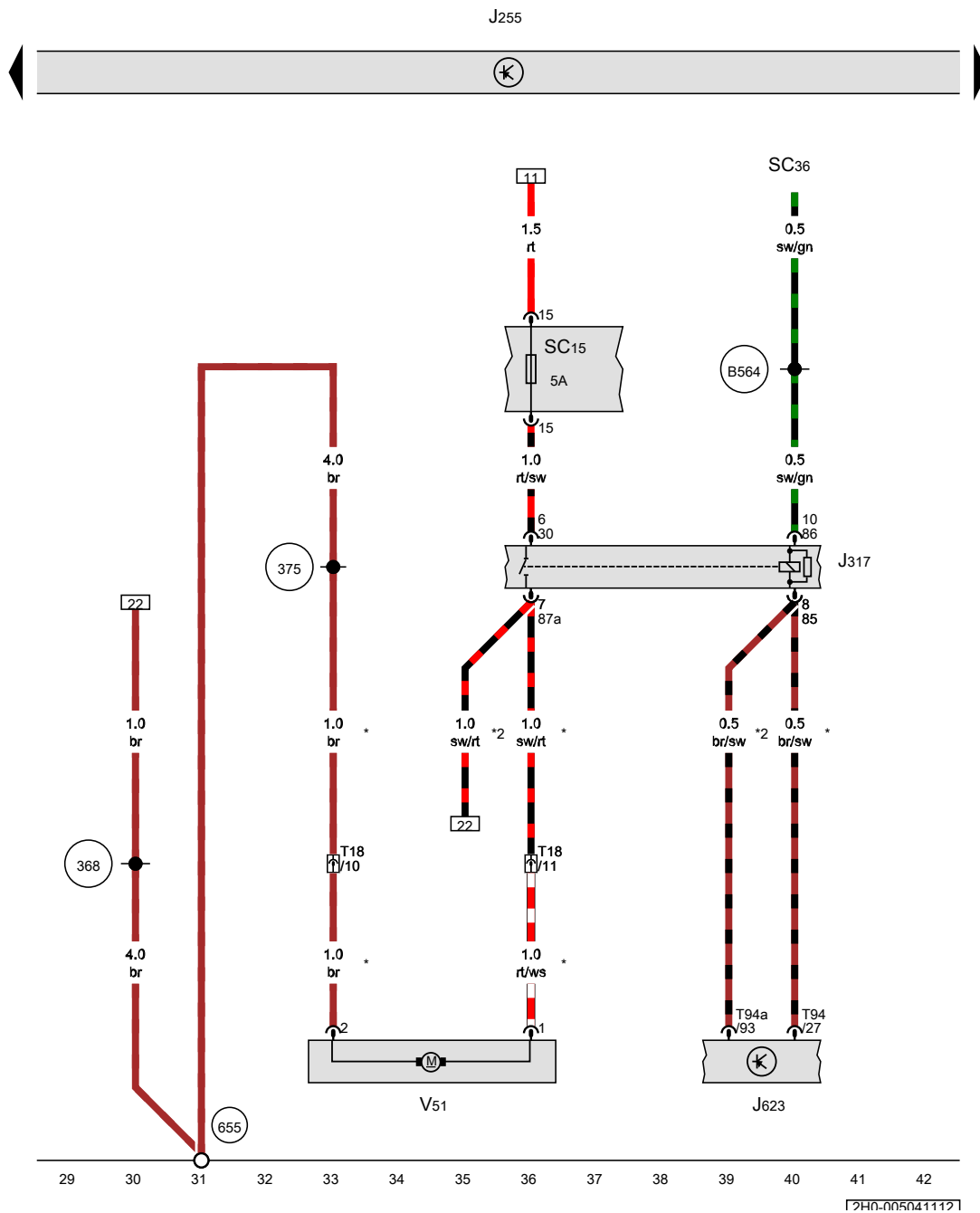


A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC64	Fuse 64 on fuse holder C
1	Earth strap, battery - body
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011



Climatronic control unit, Fuse 62 on fuse holder C, Circulation pump

- J235 Coolant pump relay
- J255 Climatronic control unit, in centre of dash panel
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- SC62 Fuse 62 on fuse holder C
- T161 16-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- T94 94-pin connector
- V55 Circulation pump
- 380 Earth connection 15, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with petrol engine
- *2 Only models with diesel engine
- *3 From November 2011



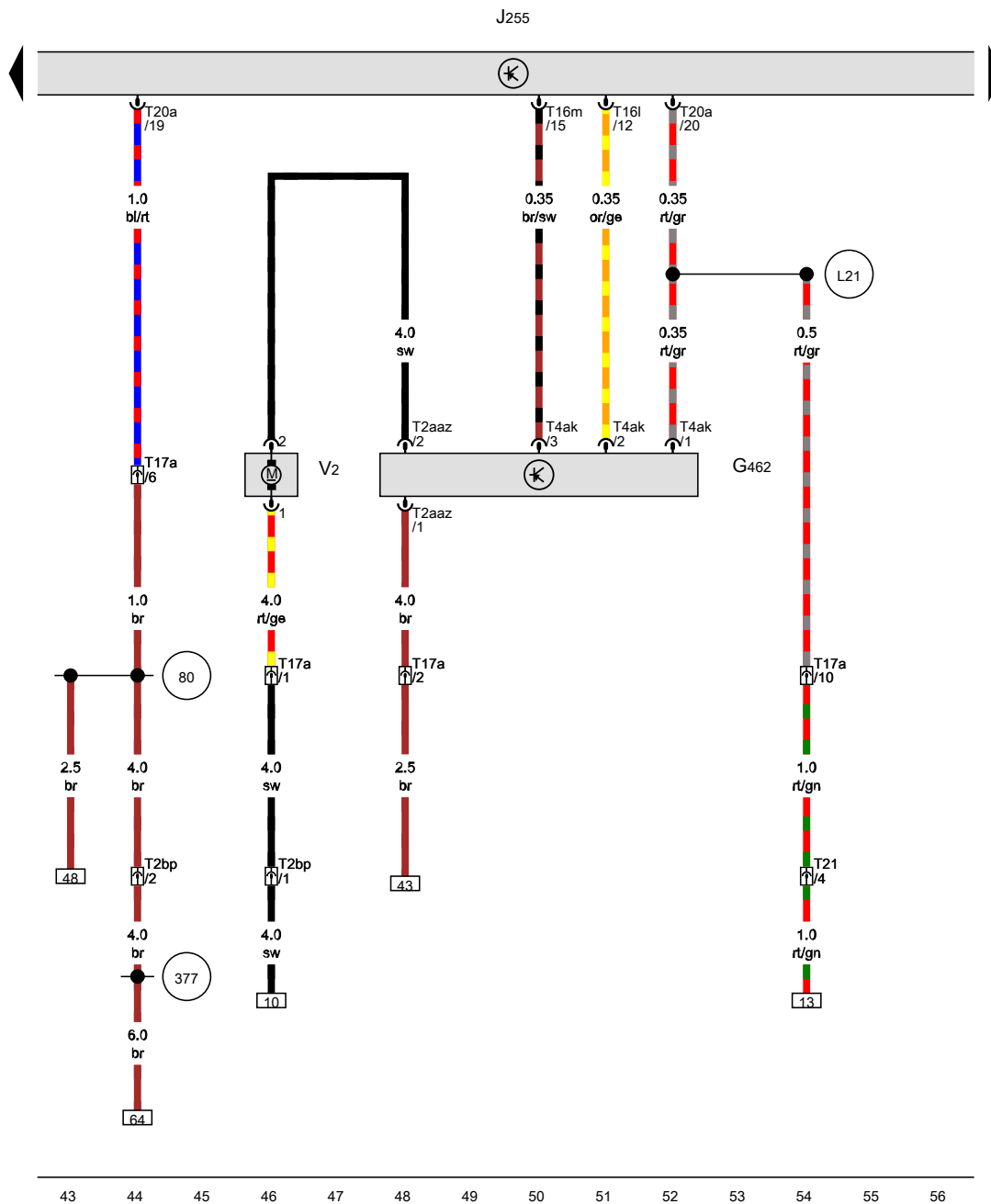
Climatronic control unit, Terminal 30 voltage supply relay, Continued coolant circulation pump

- J255 Climatronic control unit, in centre of dash panel
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T18 18-pin connector
- T94 94-pin connector
- T94a 94-pin connector
- V51 Continued coolant circulation pump

- 368 Earth connection 3, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B564 Connection 31, in main wiring harness

- * Only models with petrol engine
- *2 Only models with diesel engine

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Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

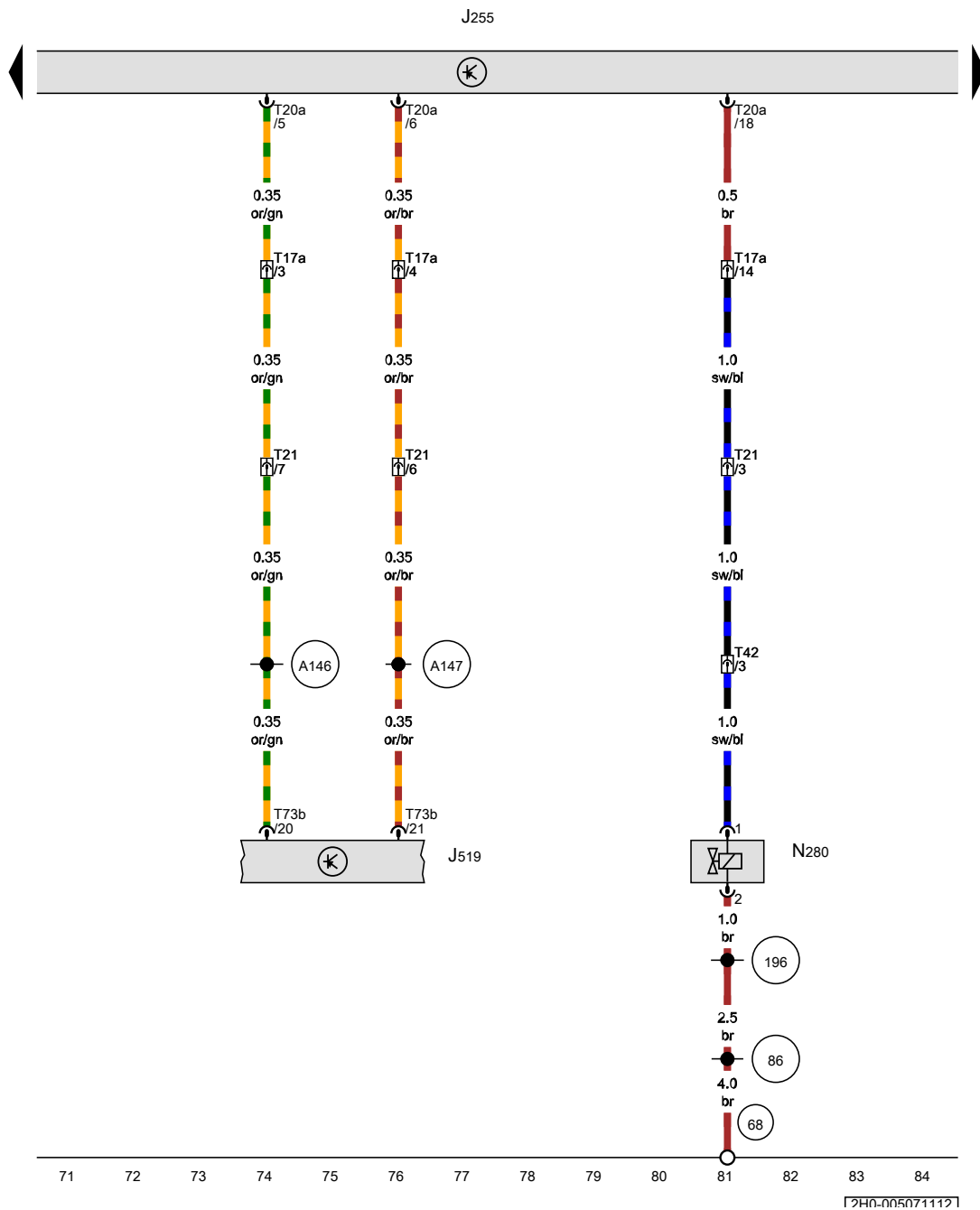
- G462 Sender for front Bitron blower regulation
- J255 Climatronic control unit, in centre of dash panel
- T2aaz 2-pin connector
- T2bp 2-pin connector
- T4ak 4-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- T17a 17-pin connector, behind glove compartment, black
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier, blue
- V2 Fresh air blower
- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- L21 Connection 1 (30), in Climatronic operating unit wiring harness

ws = white
 sw = black
 ro = red
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 gn = green
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42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
*	Only models with petrol engine
*2	From November 2011

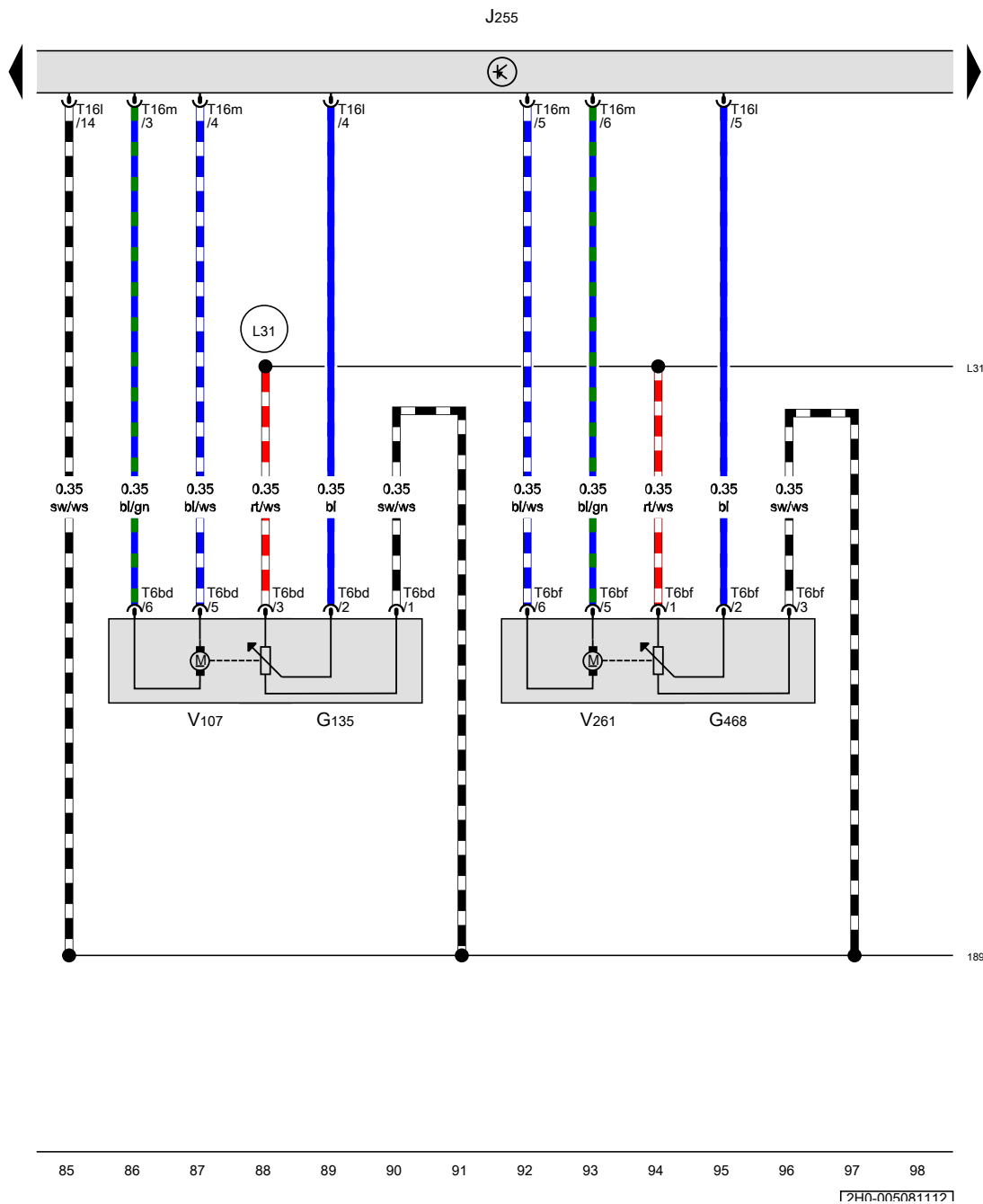
11.2012



Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

- J255 Climatronic control unit, in centre of dash panel
- J519 Onboard supply control unit
- N280 Air conditioner compressor regulating valve
- T17a 17-pin connector, behind glove compartment, black
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier, blue
- T42 42-pin connector, near handbrake lever, black
- T73b 73-pin connector
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness

ws = white
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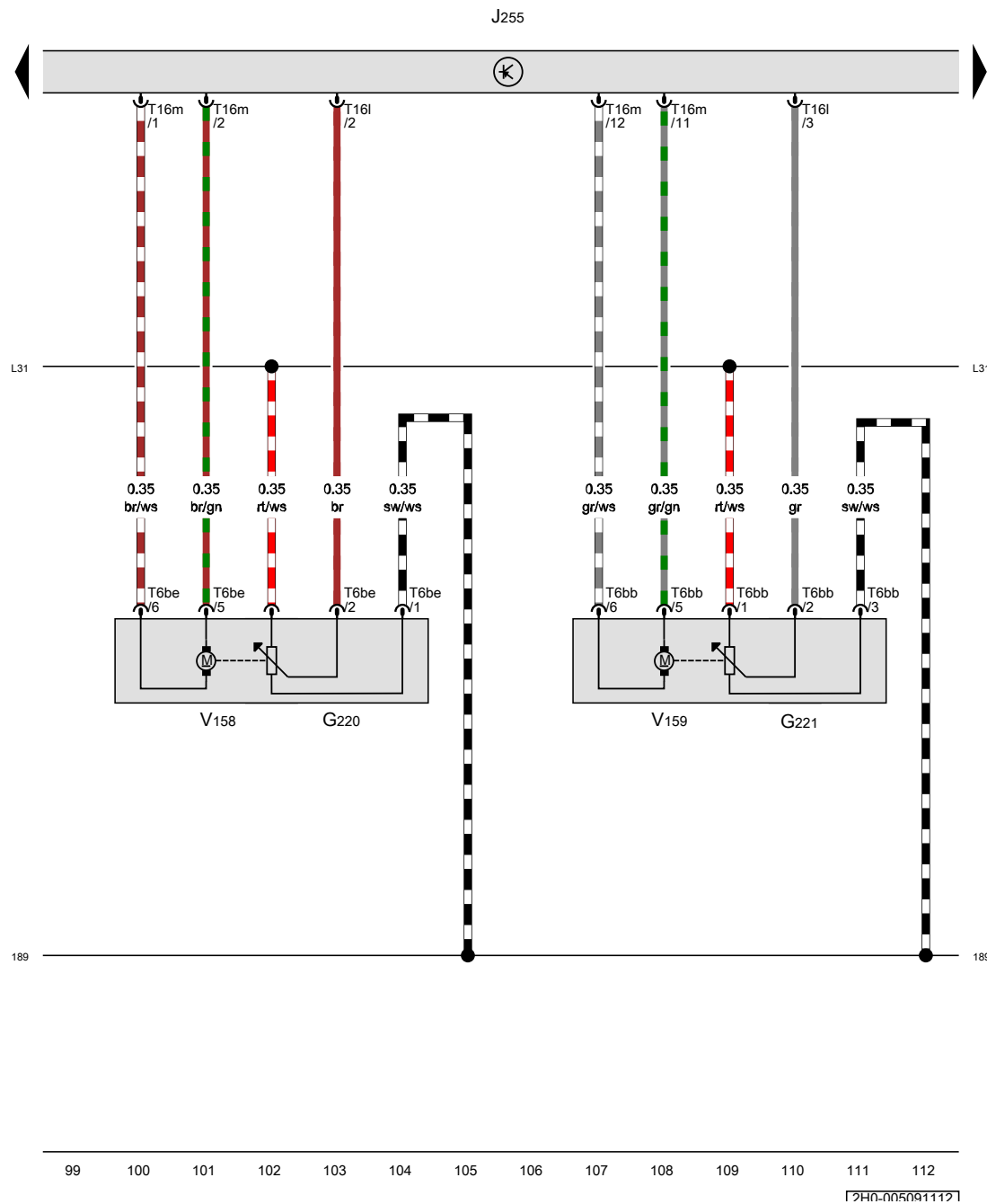


Potentiometer for defroster flap control motor,
Potentiometer for footwell vent control motor, Climatronic
control unit, Defroster flap control motor, Footwell flap
control motor

- G135 Potentiometer for defroster flap control motor
- G468 Potentiometer for footwell vent control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bd 6-pin connector
- T6bf 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V107 Defroster flap control motor
- V261 Footwell flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

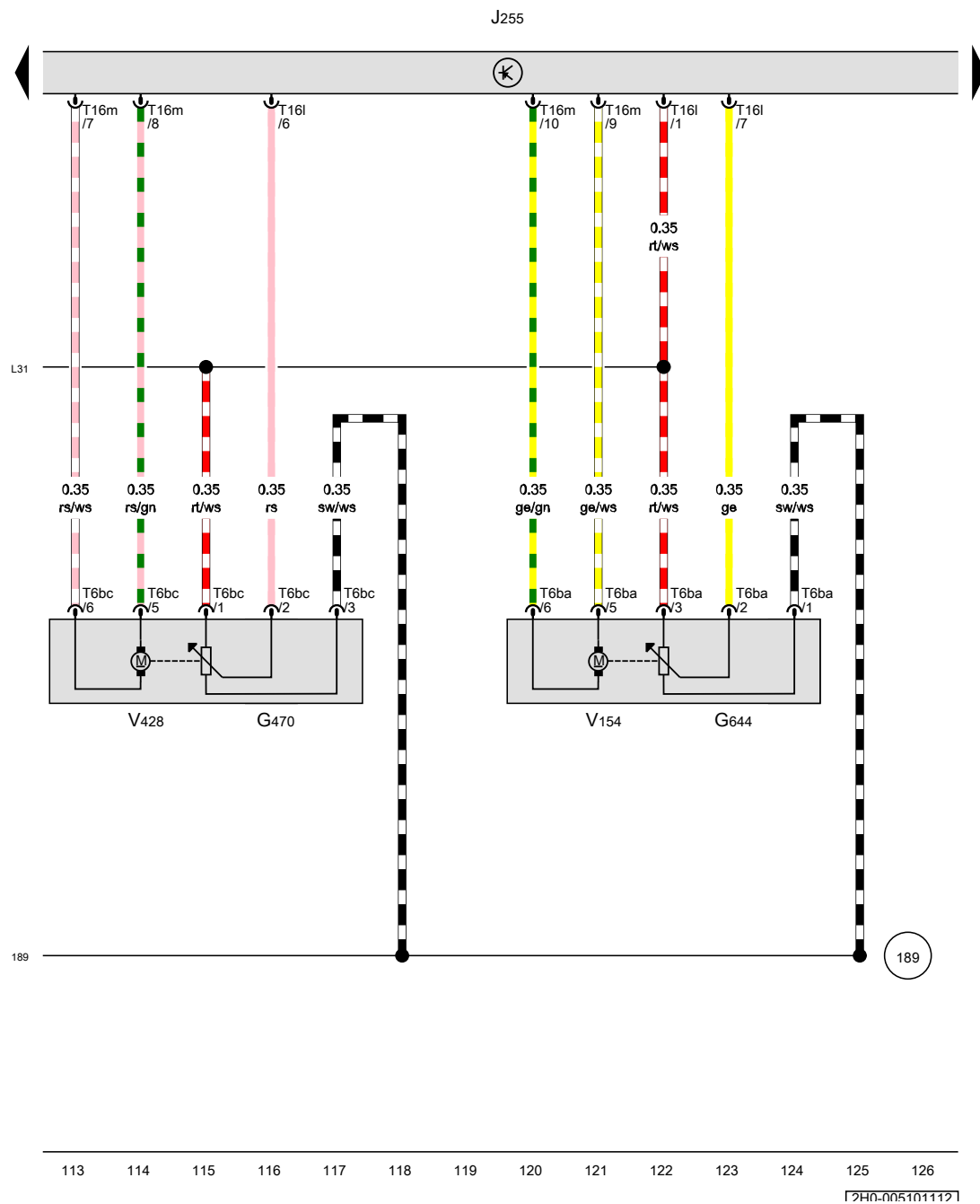
ws = white
sw = black
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Potentiometer for left temperature flap control motor,
Potentiometer for right temperature flap control motor,
Climatronic control unit, Left temperature flap control motor,
Right temperature flap control motor

- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bb 6-pin connector
- T6be 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

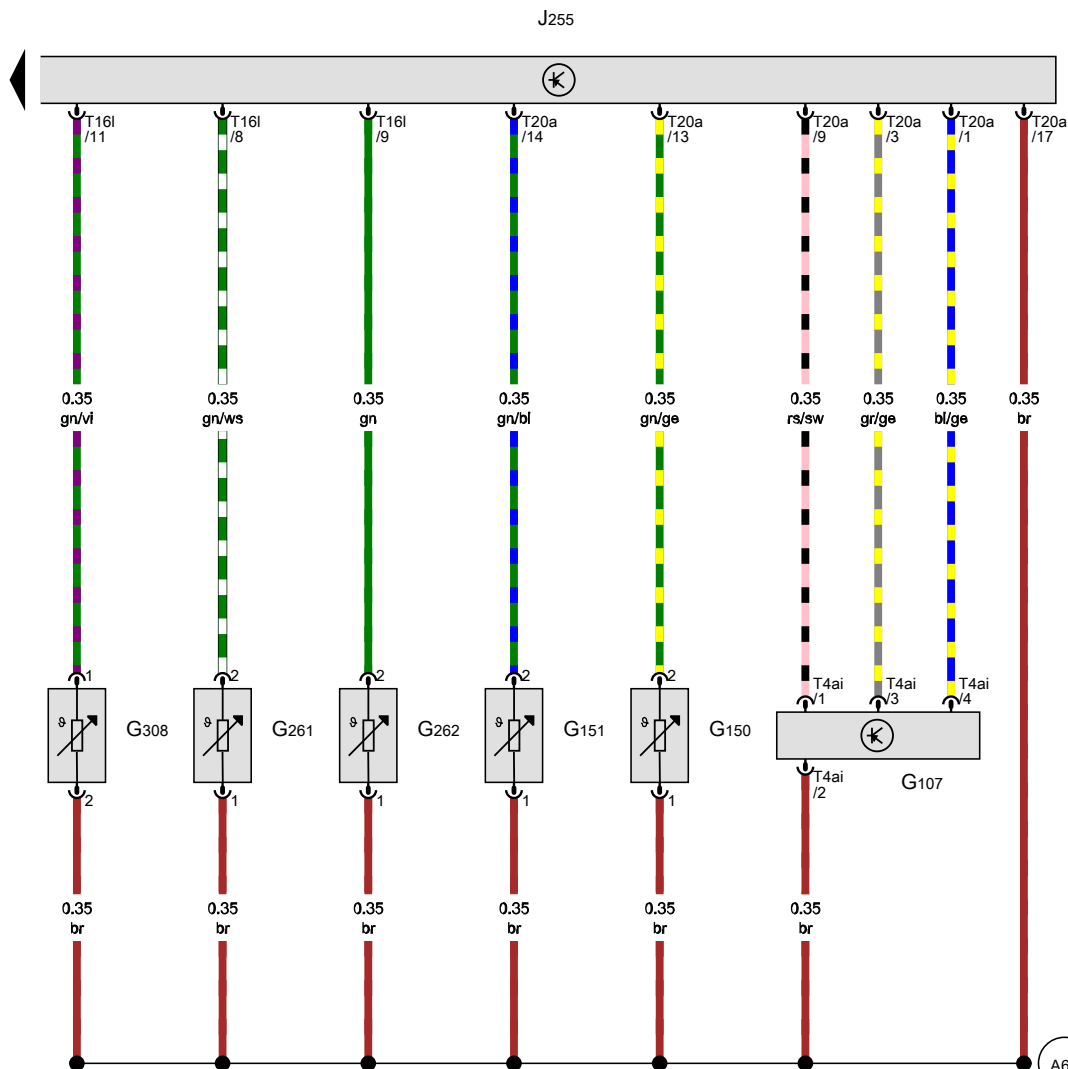
- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



Potentiometer for front air distribution control motor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor, Air distribution flap control motor

- G470 Potentiometer for front air distribution control motor
- G644 Potentiometer for fresh air/recirculated air, air flow flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6ba 6-pin connector
- T6bc 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V154 Fresh air and air recirculation flap control motor
- V428 Air distribution flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



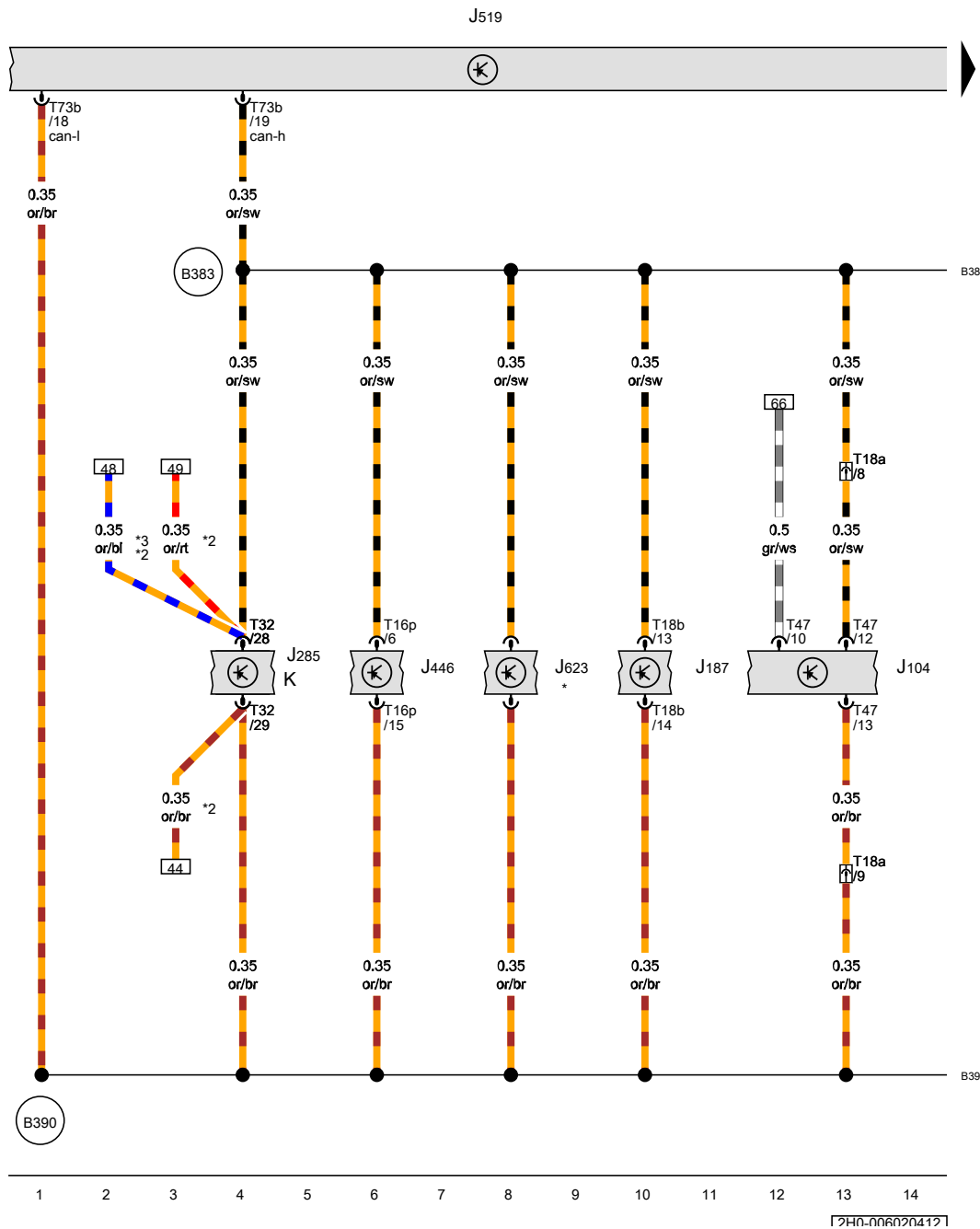
Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- J255 Climatronic control unit, in centre of dash panel
- T4ai 4-pin connector
- T16l 16-pin connector, black
- T20a 20-pin connector
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness

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CAN and LIN bus networking, powertrain CAN, diagnosis CAN, dash panel CAN, convenience CAN

From June 2011



Control unit in dash panel insert, Onboard supply control unit, Engine control unit

- J104 ABS control unit
- J187 Differential lock control unit
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- J519 Onboard supply control unit, near driver side A-pillar
- J623 Engine control unit
- K Dash panel insert
- T16p 16-pin connector, black
- T18a 18-pin connector, near battery, grey
- T18b 18-pin connector
- T32 32-pin connector, blue
- T47 47-pin connector
- T73b 73-pin connector, colourless

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

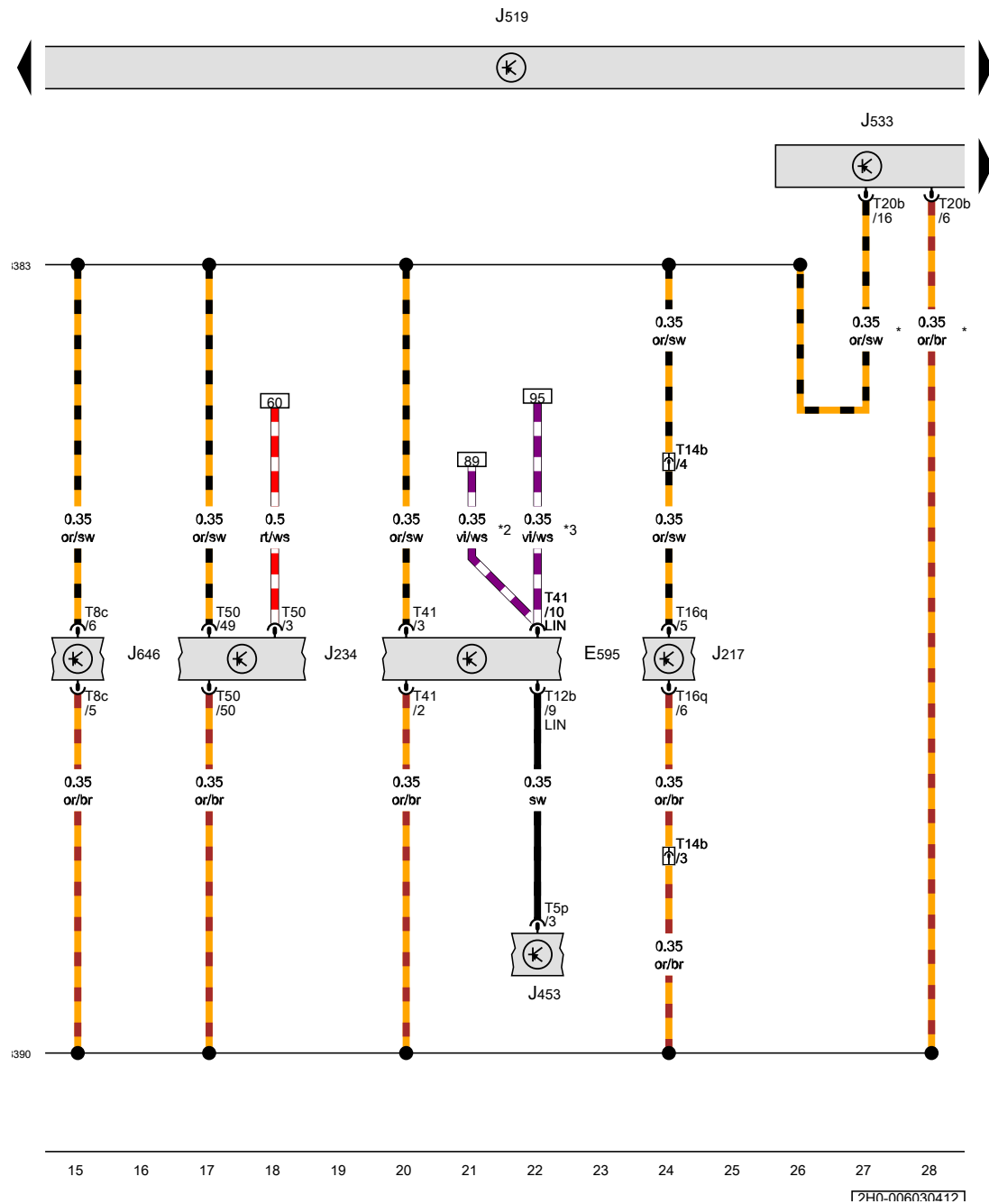
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

* see applicable current flow diagram for engine

*2 Only models with start/stop system

*3 From November 2011

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Multifunction steering wheel control unit, Onboard supply control unit, Data bus diagnostic interface

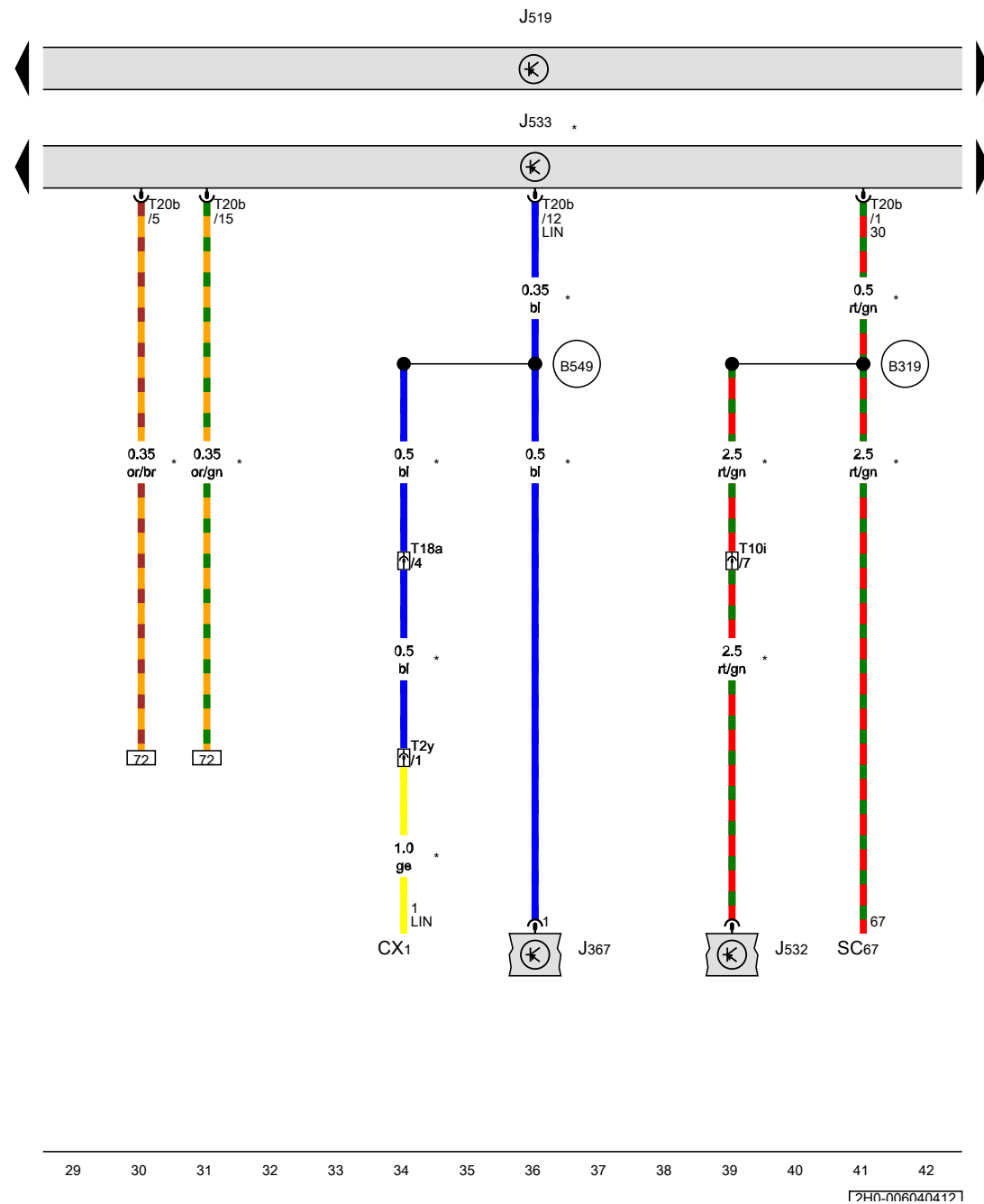
- E595 Steering column combination switch
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J519 Onboard supply control unit, near driver side A-pillar
- J533 Data bus diagnostic interface
- J646 Transfer box control unit
- T5p 5-pin connector, black
- T8c 8-pin connector
- T12b 12-pin connector, yellow
- T14b 14-pin connector, near battery, black
- T16q 16-pin connector
- T20b 20-pin connector, black
- T41 41-pin connector, grey
- T50 50-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 start/stop system
- *2 Only models with electric window regulators
- *3 Only models with manual window regulators

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Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit, Data bus diagnostic interface

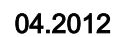
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J519 Onboard supply control unit, near driver side A-pillar
- J532 Voltage stabiliser
- J533 Data bus diagnostic interface
- SC67 Fuse 67 on fuse holder C
- T2y 2-pin connector, black
- T10i 10-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T20b 20-pin connector, black

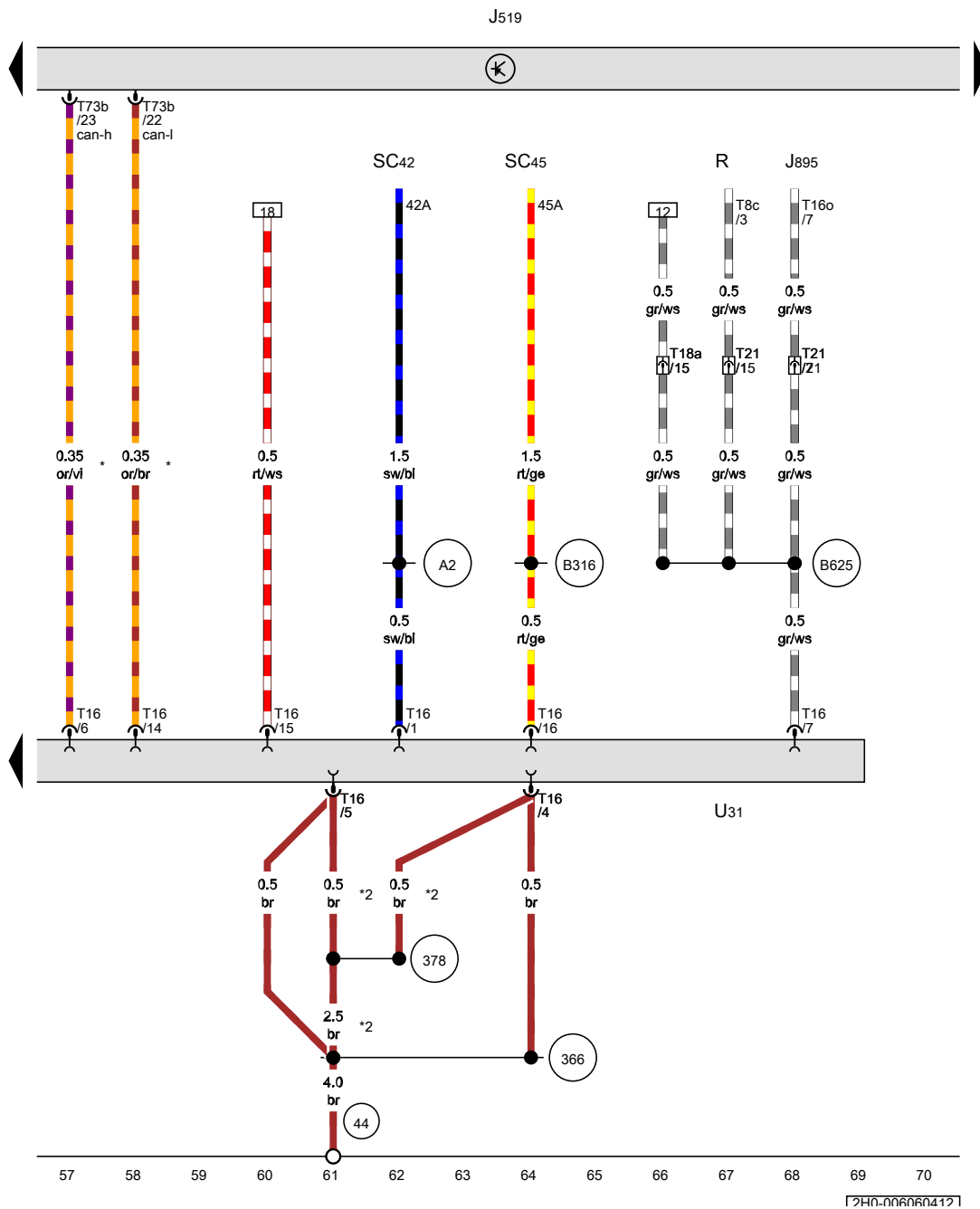
B319 Positive connection 5 (30a) in main wiring harness

B549 Connection 2 (LIN bus) in main wiring harness

* Only models with start/stop system

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Onboard supply control unit, Diagnostic connection

- J519 Onboard supply control unit, near driver side A-pillar
- J895 Control unit for vehicle location system
- R Radio
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T8c 8-pin connector
- T16 16-pin connector
- T16o 16-pin connector
- T18a 18-pin connector, near battery, grey
- T21 21-pin connector, on relay carrier, blue
- T73b 73-pin connector, colourless
- U31 Diagnostic connection, near lower part of right A-pillar

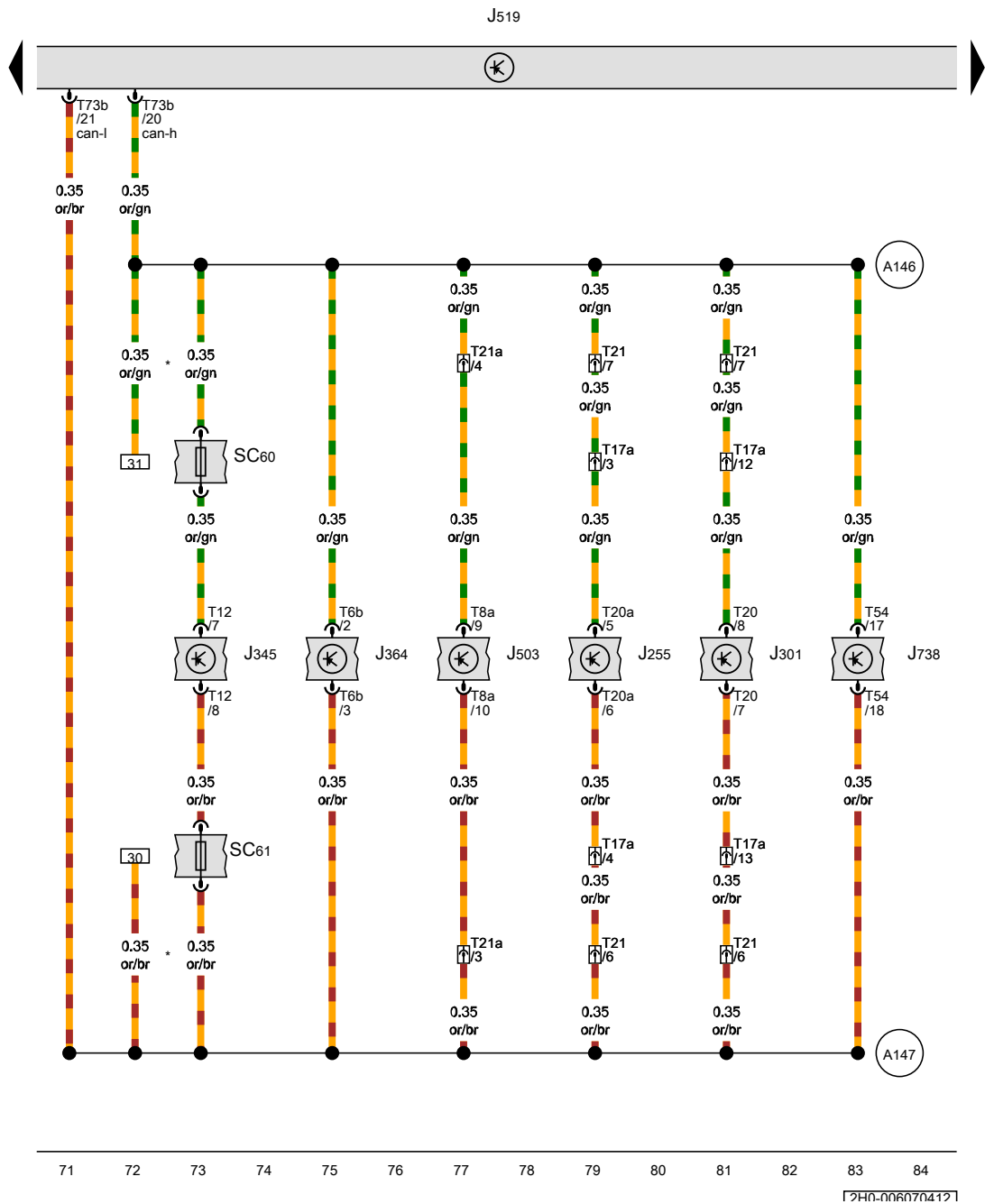
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness

* Only models with no start/stop system

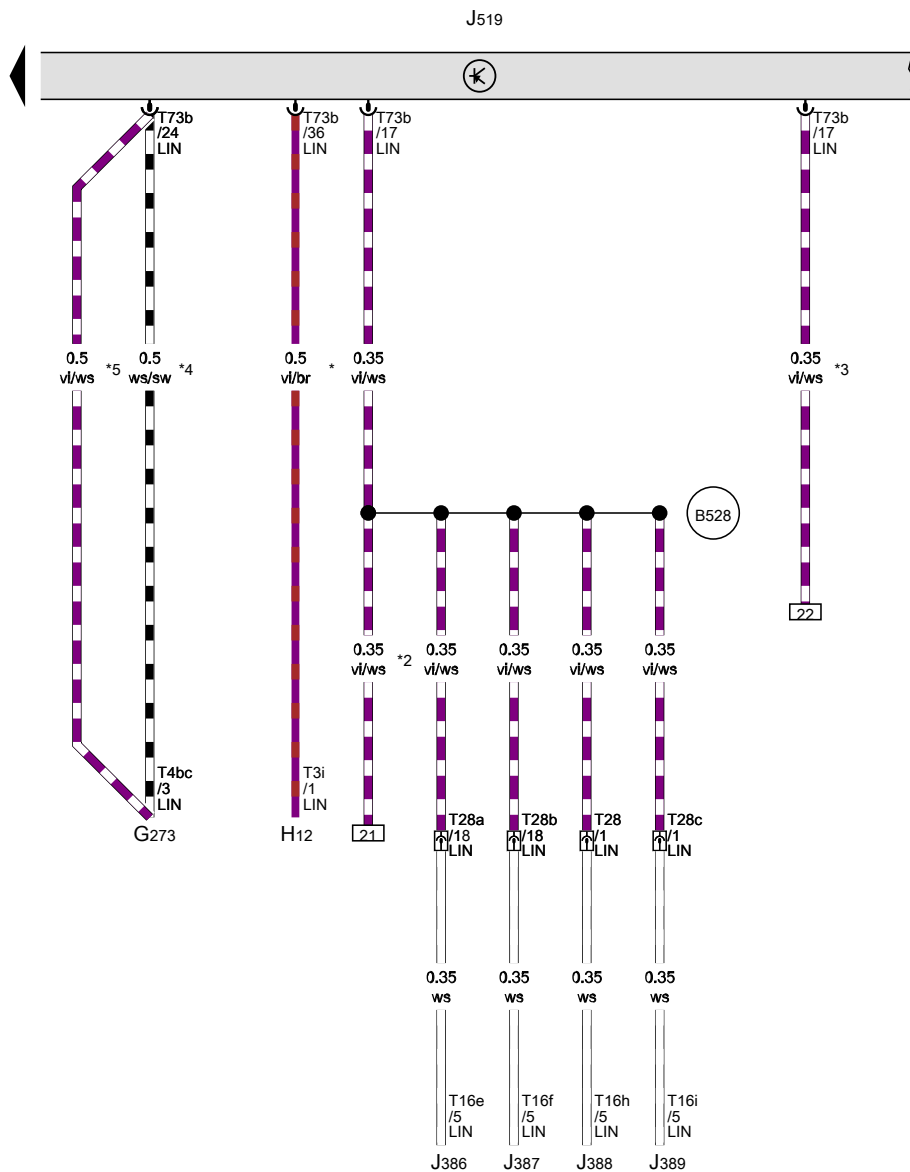
*2 From November 2011

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Onboard supply control unit, Telephone controls control unit



- J255 Climatron control unit
- J301 Air conditioning system control unit
- J345 Trailer detector control unit
- J364 Auxiliary heater control unit
- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit, near driver side A-pillar
- J738 Telephone controls control unit, under centre console
- SC60 Fuse 60 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T6b 6-pin connector
- T8a 8-pin connector
- T12 12-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T20 20-pin connector
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown
- T54 54-pin connector
- T73b 73-pin connector, colourless
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- * Only models with start/stop system



Interior monitoring sensor, Onboard supply control unit

- G273 Interior monitoring sensor
- H12 Alarm horn
- J386 Driver door control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- T3i 3-pin connector
- T4bc 4-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T16h 16-pin connector
- T16i 16-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T73b 73-pin connector, colourless

B528 Connection 1 (LIN bus) in main wiring harness

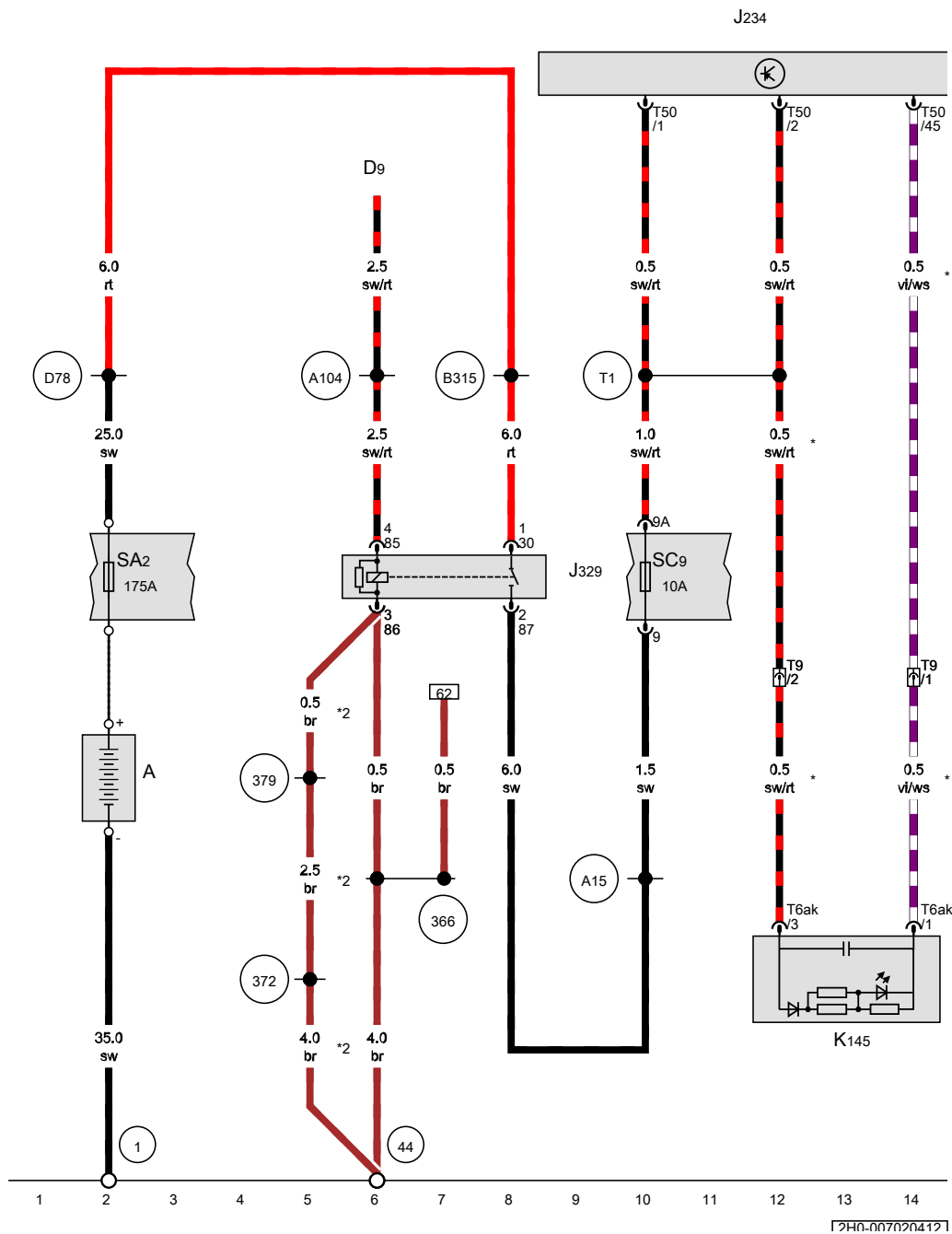
- * For models with anti-theft alarm system
- *2 Only models with electric window regulators
- *3 Only models with manual window regulators
- *4 Only models with interior monitor
- *5 From November 2011

ws = white
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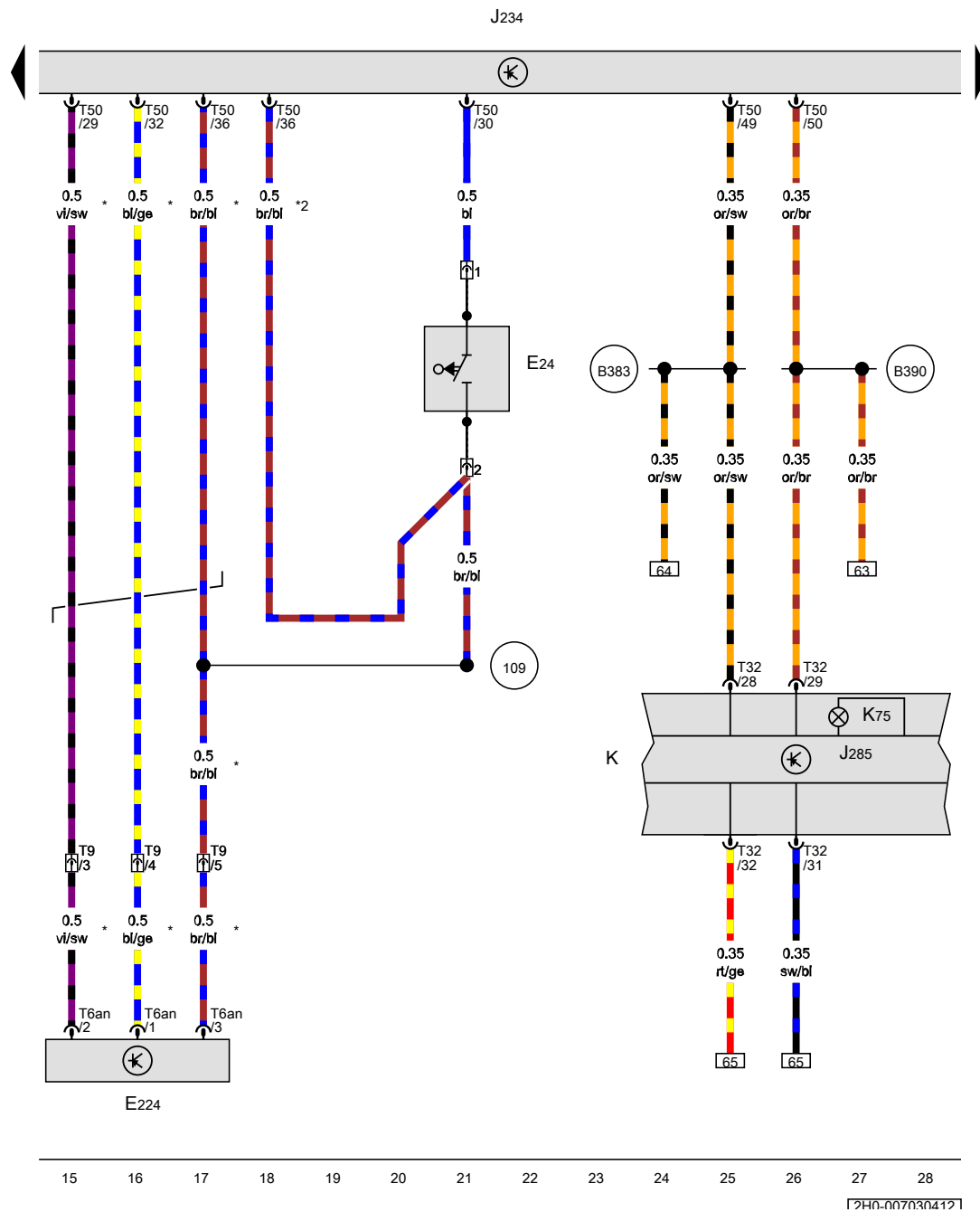
Airbag systems

From December 2009

Battery, Electronic ignition lock, Airbag control unit, Front passenger side airbag deactivated warning lamp, Fuse 2 in fuse holder A, Fuse 9 on fuse holder C



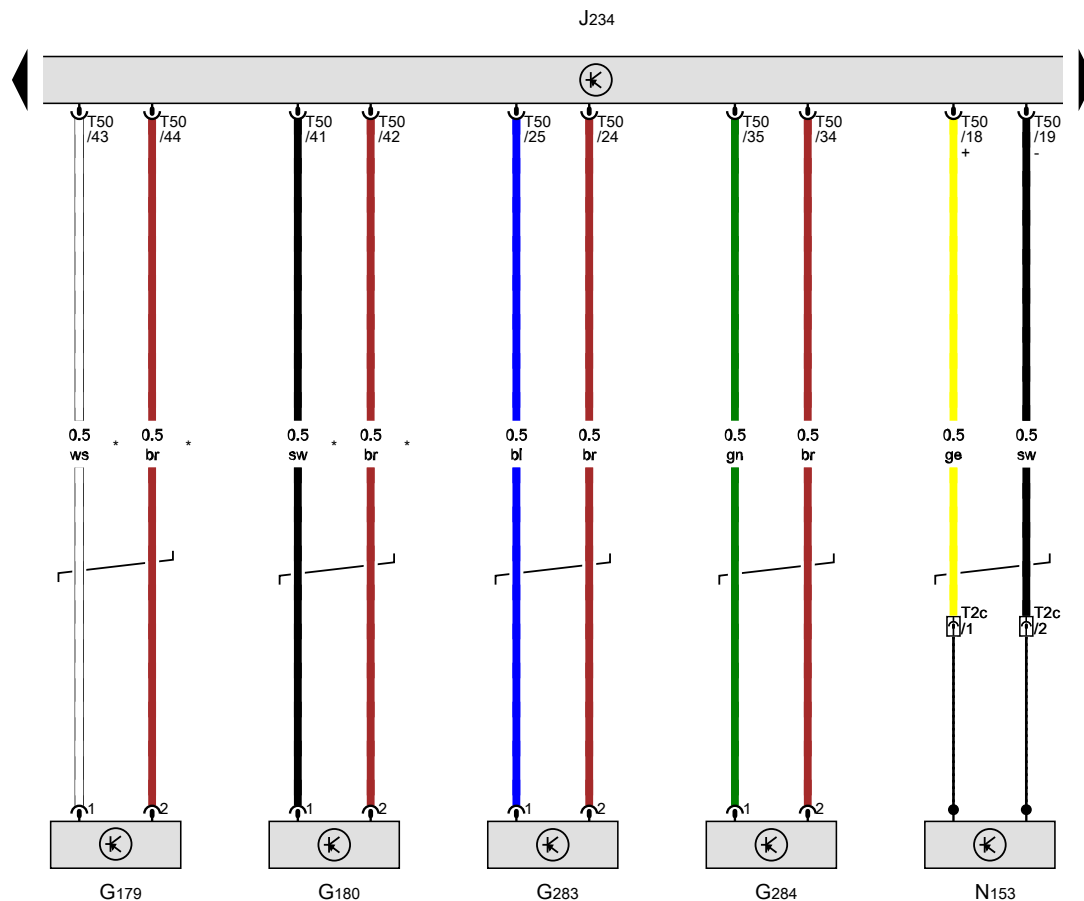
- A Battery
- D9 Electronic ignition lock
- J234 Airbag control unit, under centre console
- J329 Terminal 15 voltage supply relay
- K145 Front passenger side airbag deactivated warning lamp, near radio
- SA2 Fuse 2 in fuse holder A
- SC9 Fuse 9 on fuse holder C
- T6ak 6-pin connector
- T9 9-pin connector, on relay carrier, yellow
- T50 50-pin connector
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- T1 Positive connection 1, in airbag wiring harness
- * Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor From November 2011



Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Dash panel insert

- E24 Driver side belt switch
- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit, under centre console
- J285 Control unit in dash panel insert
- K Dash panel insert
- K75 Airbag warning lamp
- T2yaxx 2-pin connector, black
- T6an 6-pin connector
- T9 9-pin connector, on relay carrier, yellow
- T32 32-pin connector, blue
- T50 50-pin connector
- 109 Earth connection, in airbag wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
- *2 Only models with no side airbag, no front passenger airbag and no key operated switch

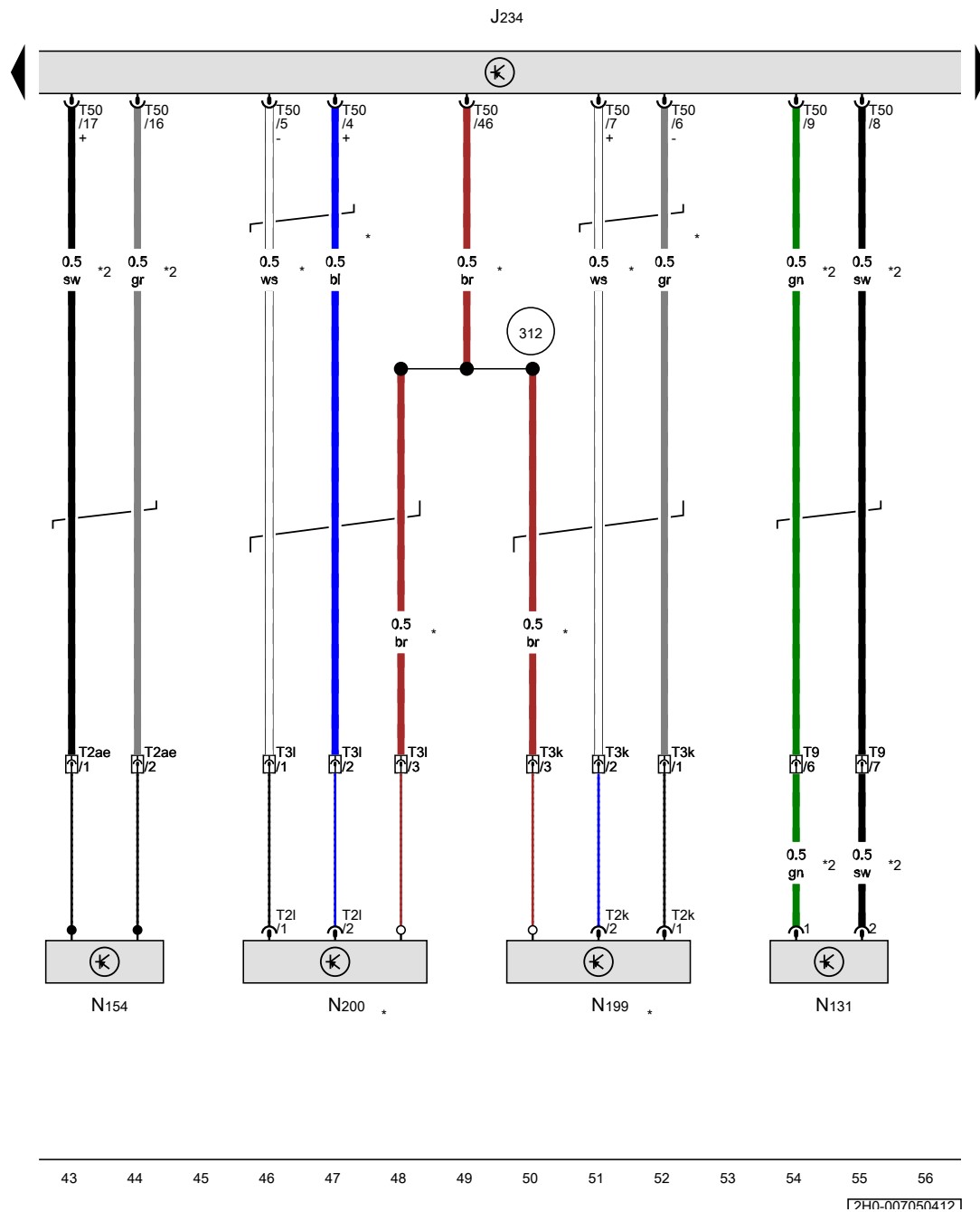
ws = white
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Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

- G179 Side airbag crash sensor on driver side, on left B-pillar
- G180 Side airbag crash sensor on front passenger side, on right B-pillar
- G283 Front airbag crash sensor for driver side, near left headlight
- G284 Front airbag crash sensor for front passenger side, near right headlight
- J234 Airbag control unit, under centre console
- N153 Driver seat belt tensioner igniter 1
- T2c 2-pin connector
- T50 50-pin connector
- * Only models with front head-thorax airbag

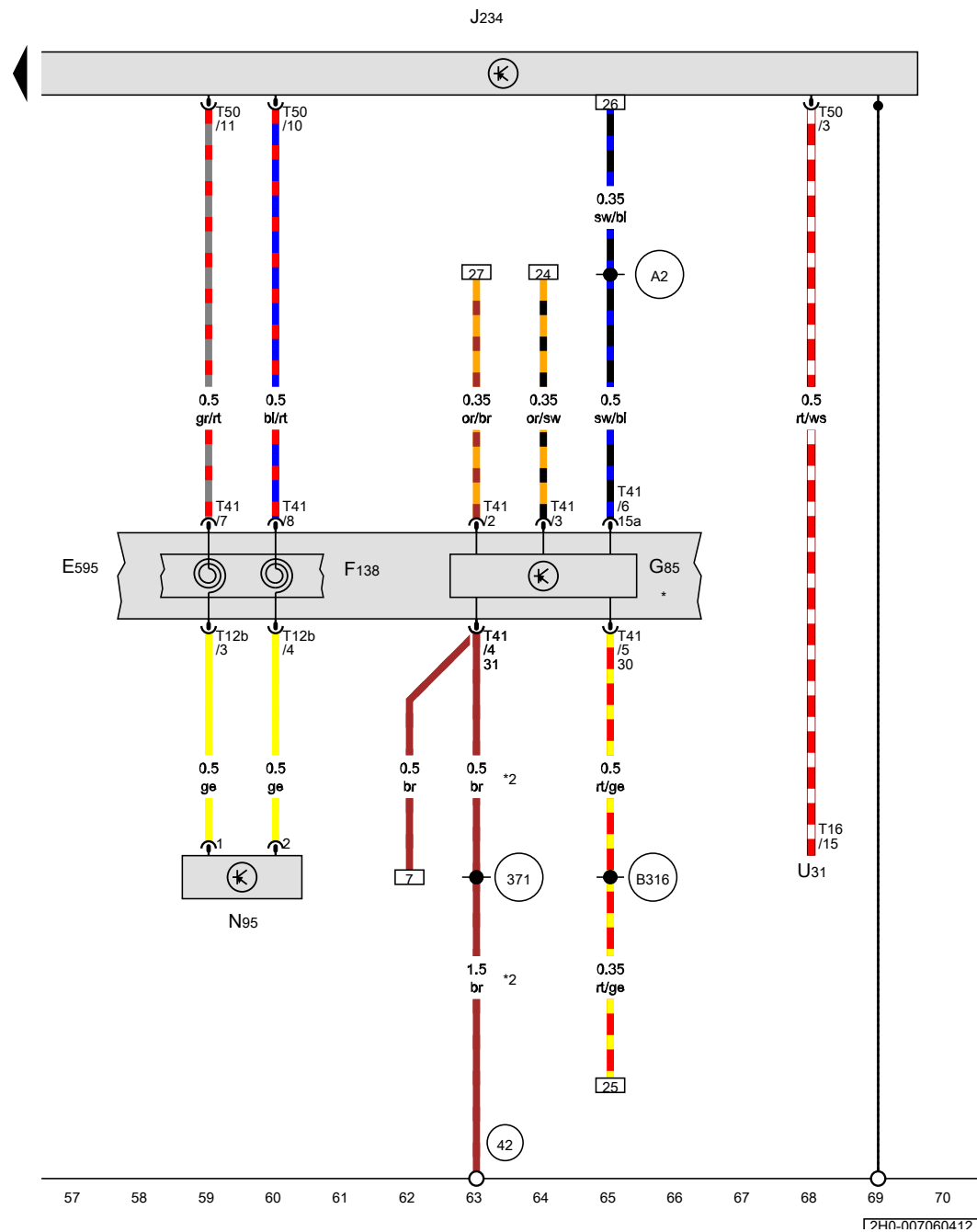
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Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- J234 Airbag control unit, under centre console
- N131 Front passenger side airbag igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2ae 2-pin connector, yellow
- T2k 2-pin connector
- T2l 2-pin connector
- T3k 3-pin connector, under driver seat, yellow
- T3l 3-pin connector, Coupling point under front passenger seat, yellow
- T9 9-pin connector, on relay carrier, yellow
- T50 50-pin connector
- 312 Earth connection 2, in airbag wiring harness
- * Only models with front head-thorax airbag
- *2 Only models with front passenger airbag

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Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- J234 Airbag control unit, under centre console
- N95 Driver side airbag igniter
- T12b 12-pin connector
- T16 16-pin connector
- T41 41-pin connector, grey
- T50 50-pin connector
- U31 Diagnostic connection, near driver side A-pillar
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
- *2 From November 2011

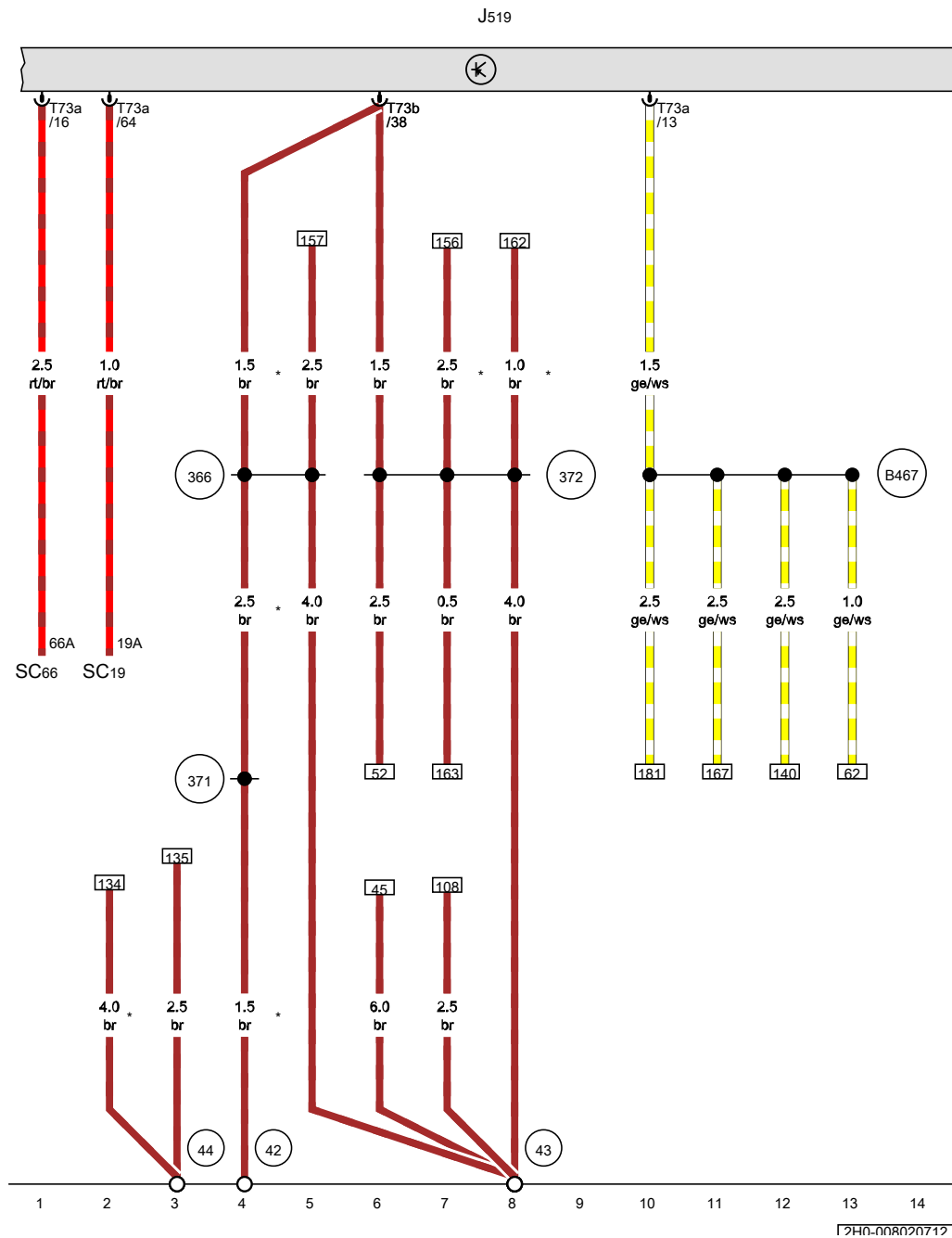
Central locking, window regulators and mirror adjustment, RHD vehicles

From December 2009

Onboard supply control unit, Fuse 19 on fuse holder C, Fuse 66 on fuse holder C

J519 Onboard supply control unit
SC19 Fuse 19 on fuse holder C
SC66 Fuse 66 on fuse holder C
T73a 73-pin connector
T73b 73-pin connector

- 42 Earth point, next to steering column
- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- B467 Connection 3, in main wiring harness
- * From November 2011



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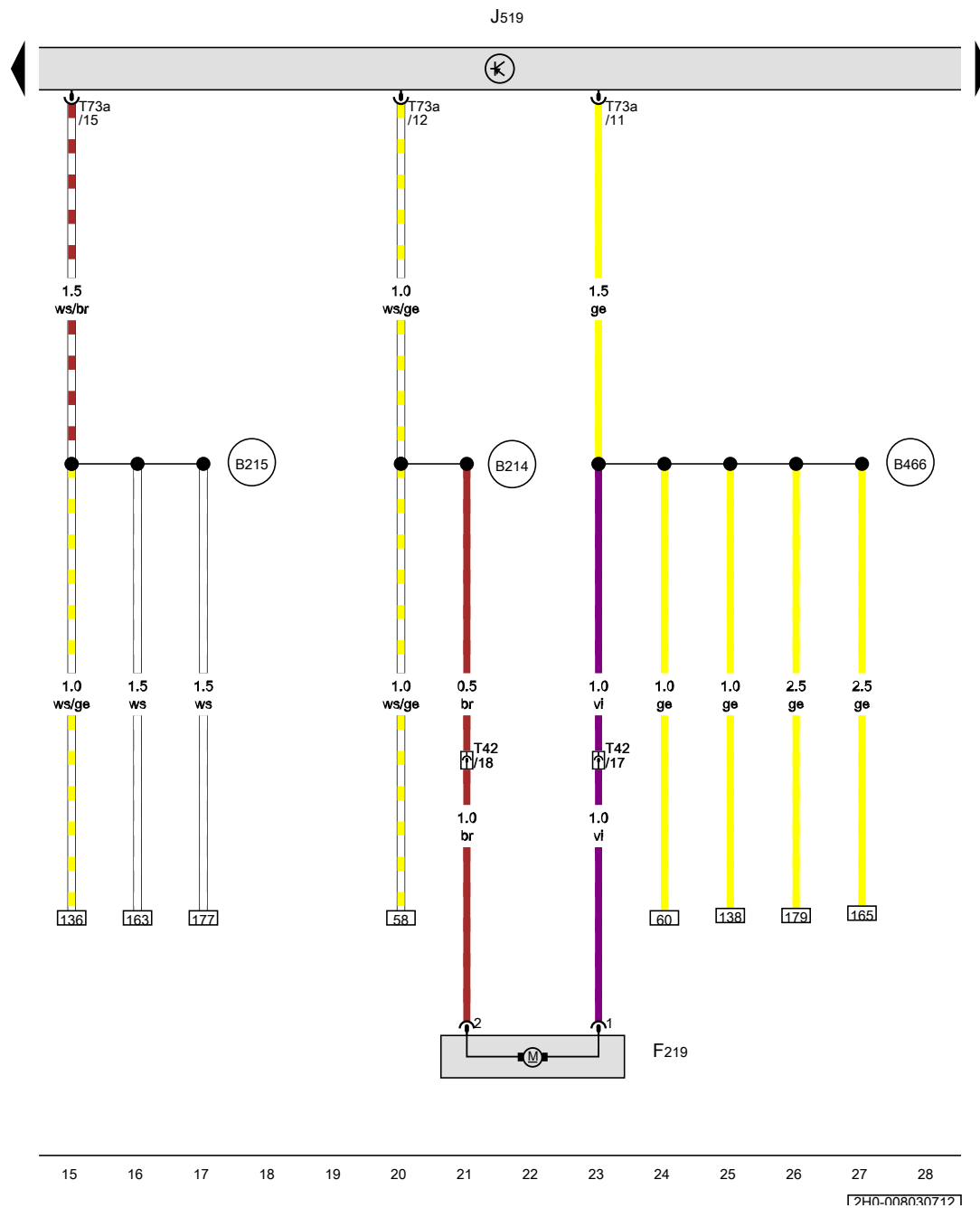
Fuel tank filler flap central locking actuator, Onboard supply control unit

- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit
- T42 42-pin connector
- T73a 73-pin connector

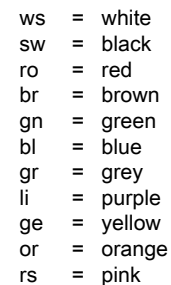
(B214) Connection 1 (central locking), in interior wiring harness

(B215) Connection 2 (central locking), in interior wiring harness

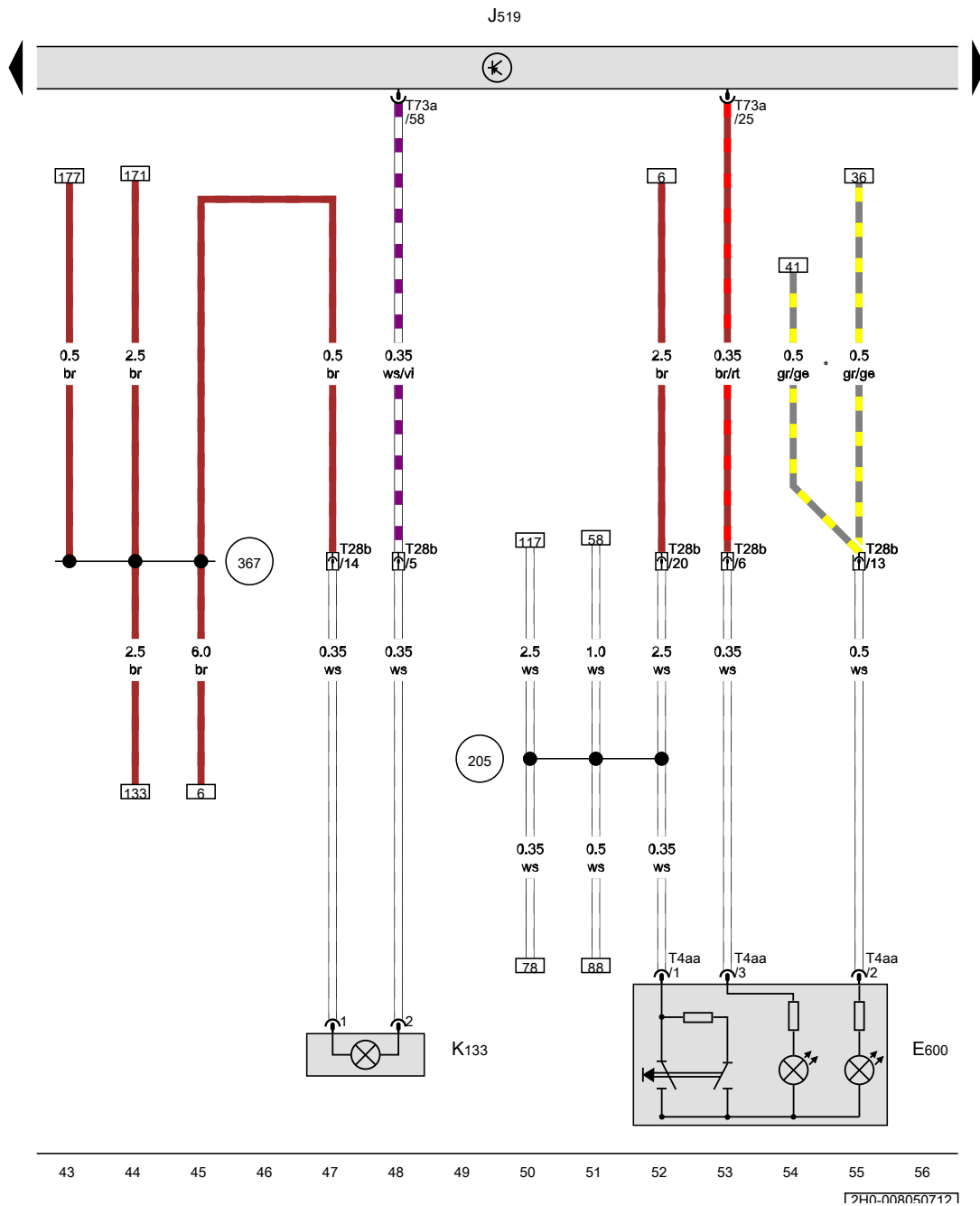
(B466) Connection 2, in main wiring harness



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E1	Light switch
J519	Onboard supply control unit
T73b	73-pin connector
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	From November 2011



Central locking button, Onboard supply control unit, Central locking SAFELOCK function warning lamp

- E600 Central locking button
- J519 Onboard supply control unit
- K133 Central locking SAFELOCK function warning lamp
- T4aa 4-pin connector
- T28b 28-pin connector
- T73a 73-pin connector

205 Earth connection, in driver door wiring harness

367 Earth connection 2, in main wiring harness

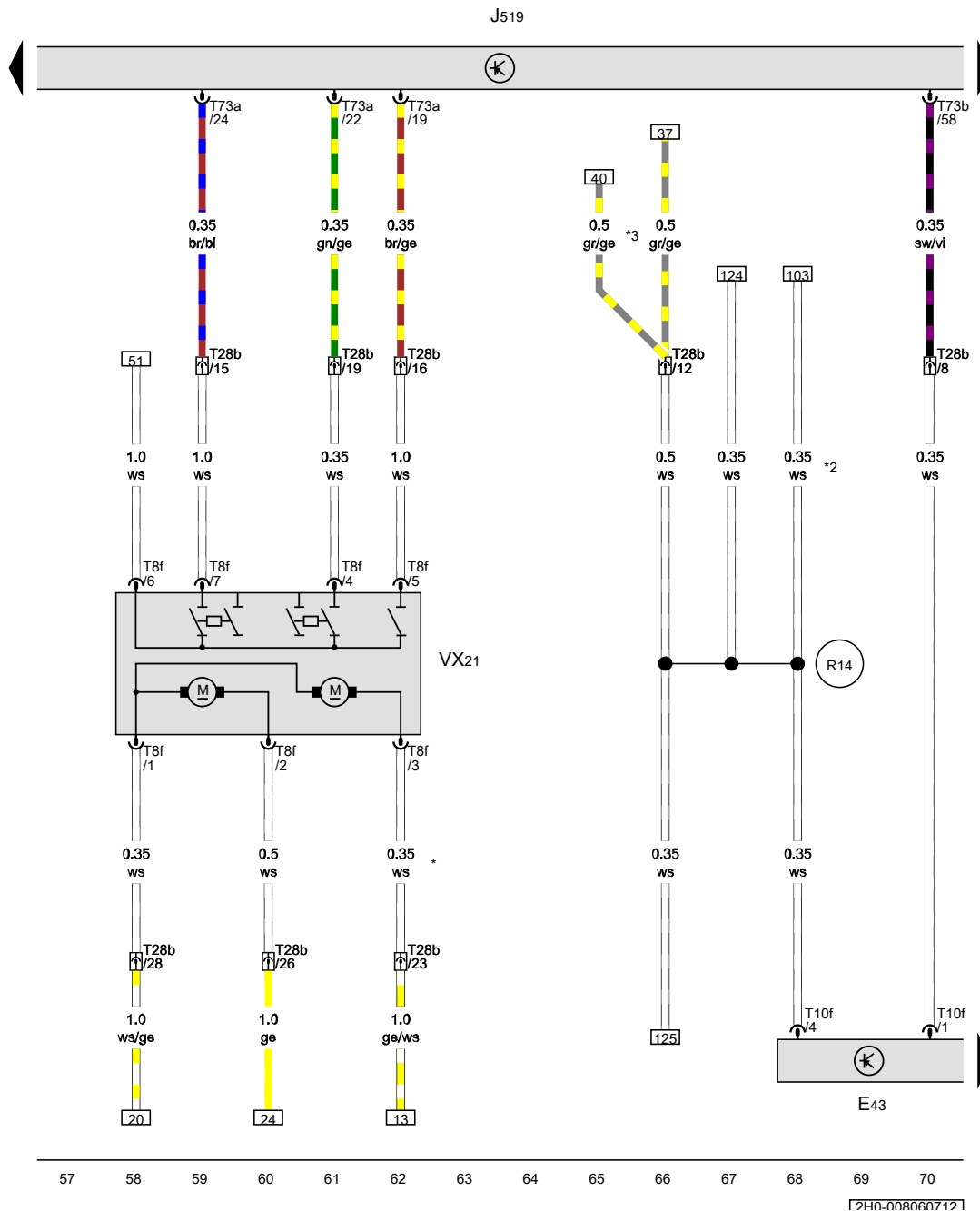
* From November 2011

Mirror adjustment switch, Onboard supply control unit,
Driver door lock unit

- E43 Mirror adjustment switch
- J519 Onboard supply control unit
- T8f 8-pin connector
- T10f 10-pin connector
- T28b 28-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- VX21 Driver door lock unit

R14 Connection 1 (open), in driver door wiring harness

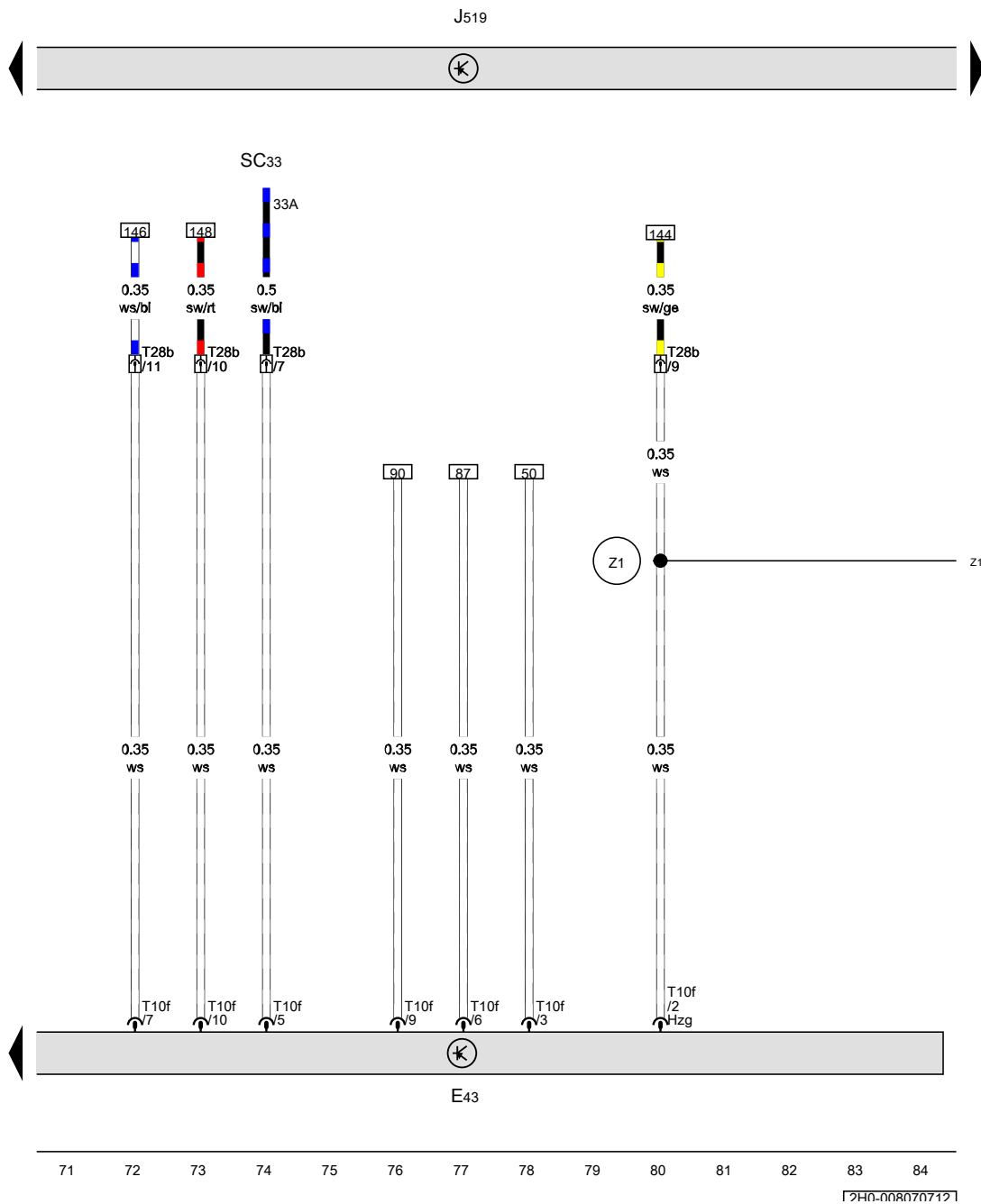
- * Only models with SAFELOCK function
- *2 Only models with 2-doors
- *3 From November 2011



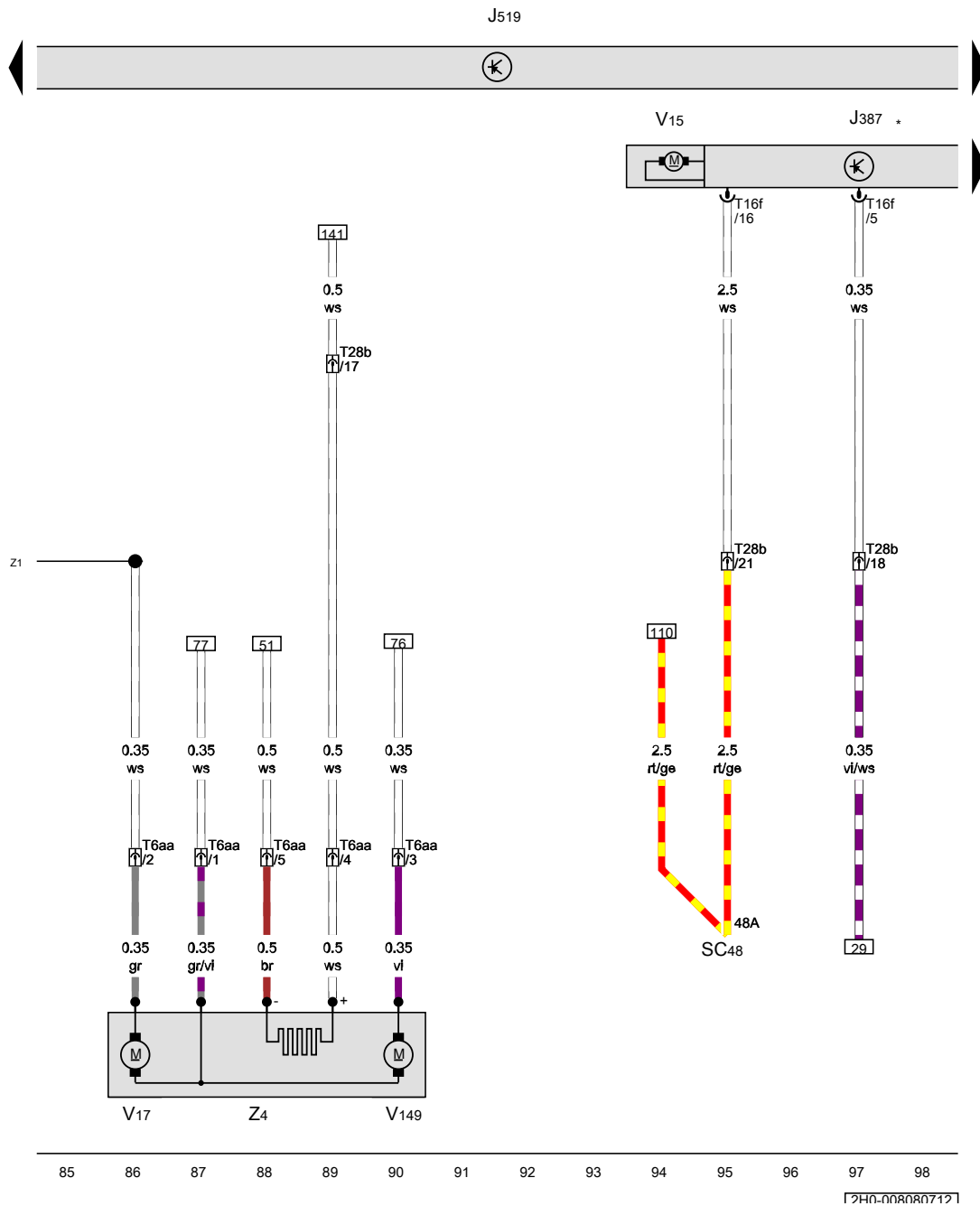
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

- E43 Mirror adjustment switch
- J519 Onboard supply control unit
- SC33 Fuse 33 on fuse holder C
- T10f 10-pin connector
- T28b 28-pin connector
- Z1 Connection 1, in mirror adjustment/heating wiring harness



ws = white
 sw = black
 ro = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
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Front passenger door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Right window regulator motor, Heated exterior mirror on driver side

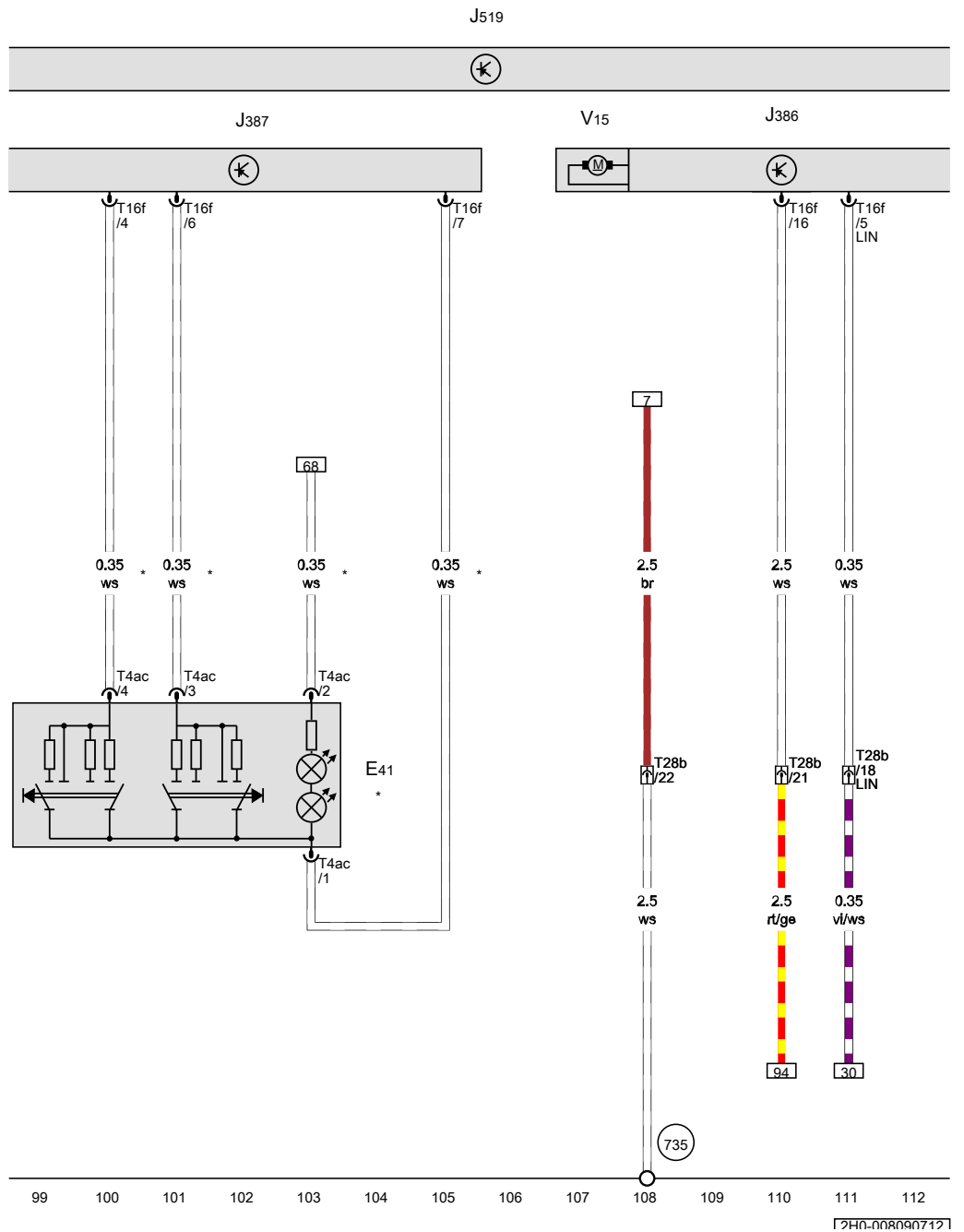
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- SC48 Fuse 48 on fuse holder C
- T6aa 6-pin connector
- T16f 16-pin connector
- T28b 28-pin connector
- V15 Right window regulator motor
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side

Z1 Connection 1, in mirror adjustment/heating wiring harness

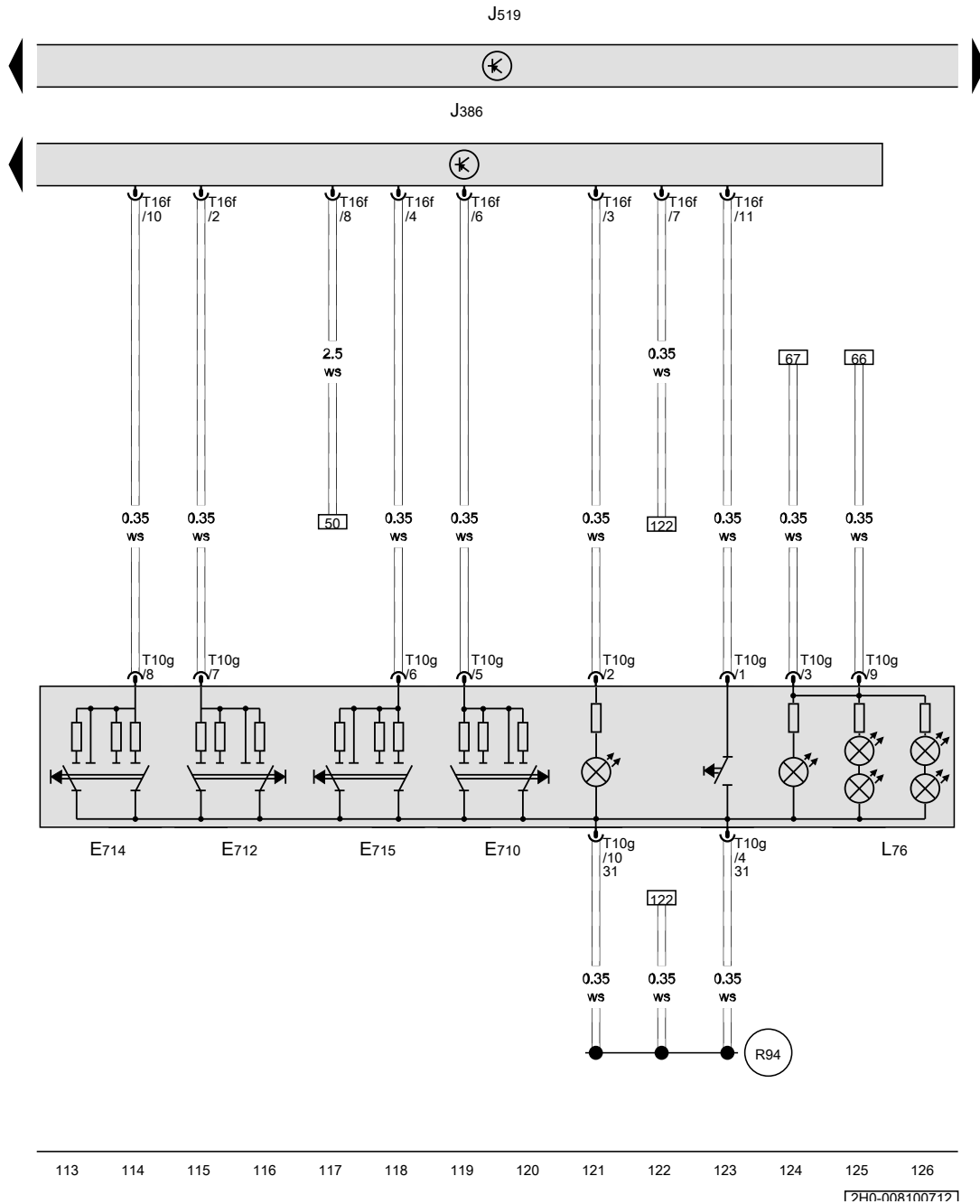
* Only models with 2-doors

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

- E41 Front right window regulator switch
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- T4ac 4-pin connector
- T16f 16-pin connector
- T28b 28-pin connector
- V15 Right window regulator motor
- 735 Earth point in front right door
- * Only models with 2-doors



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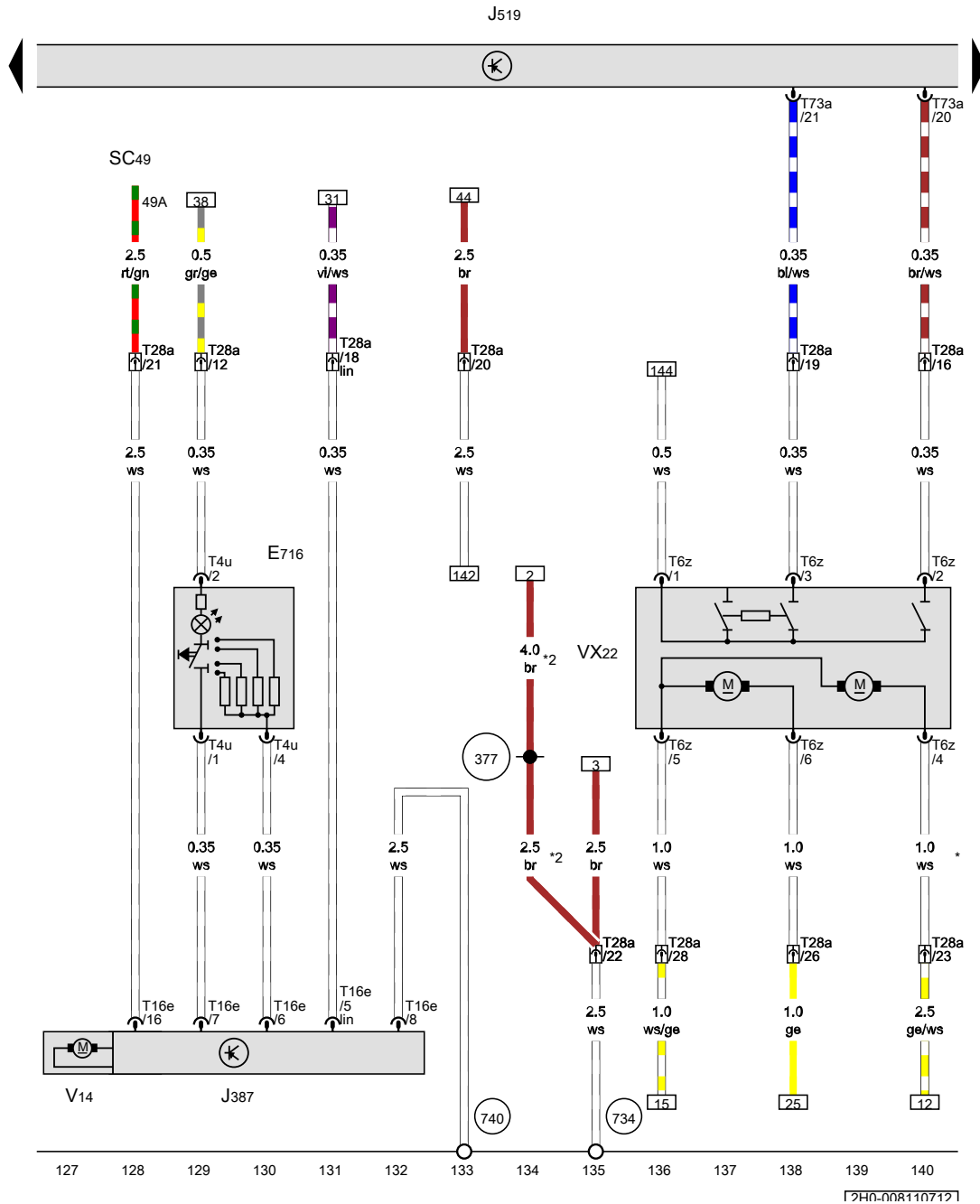


Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Driver door control unit, Onboard supply control unit, Button illumination bulb

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10g	10-pin connector
T16f	16-pin connector

(R94) Connection 1 in driver side door wiring harness

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



Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Left window regulator motor, Front passenger door lock unit

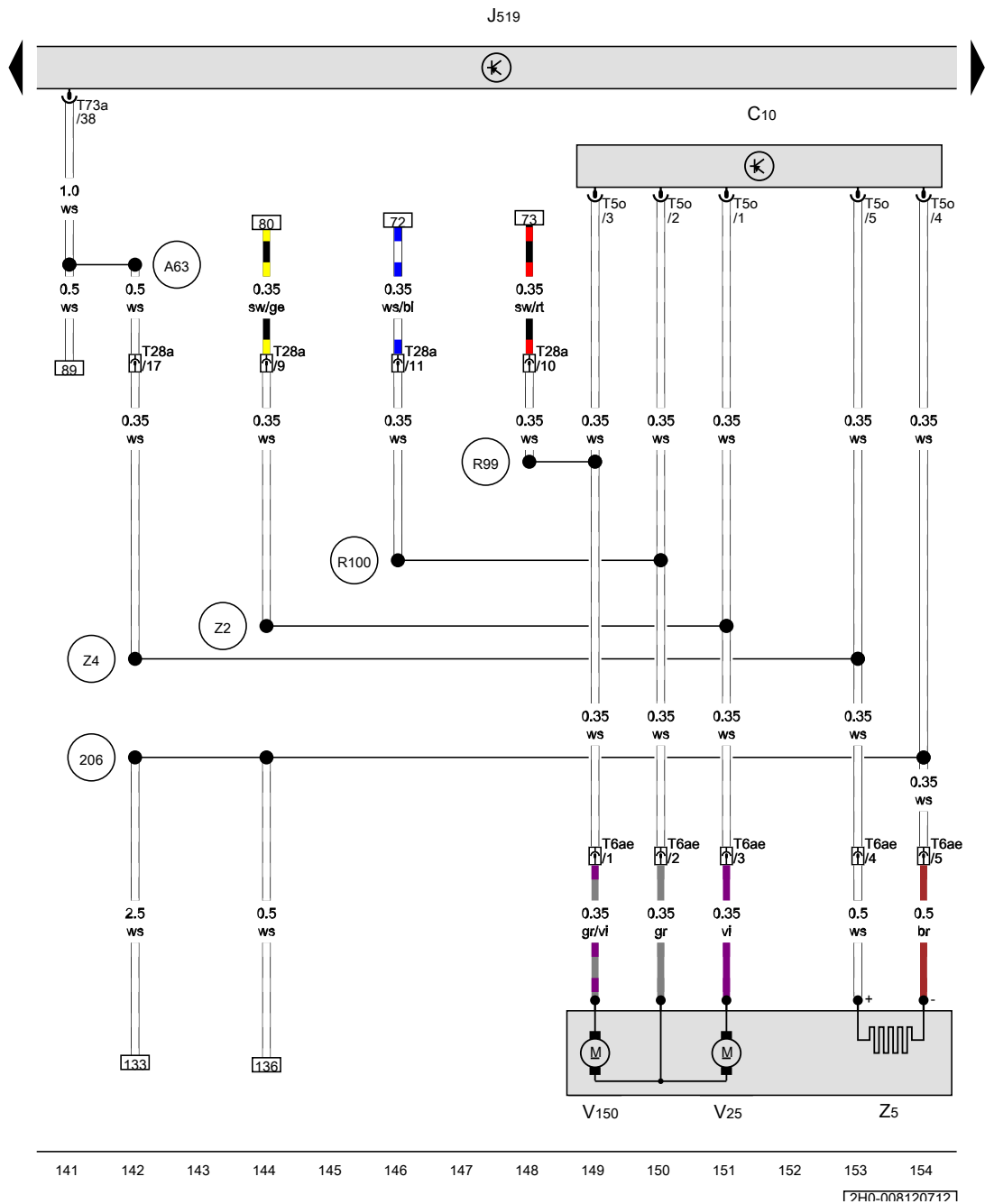
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- SC49 Fuse 49 on fuse holder C
- T4u 4-pin connector
- T6z 6-pin connector
- T16e 16-pin connector
- T28a 28-pin connector
- T73a 73-pin connector
- V14 Left window regulator motor
- VX22 Front passenger door lock unit

377 Earth connection 12, in main wiring harness

734 Earth point in front left door

740 Earth point 2 in front left door

- * Only models with SAFELOCK function
- *2 From November 2011

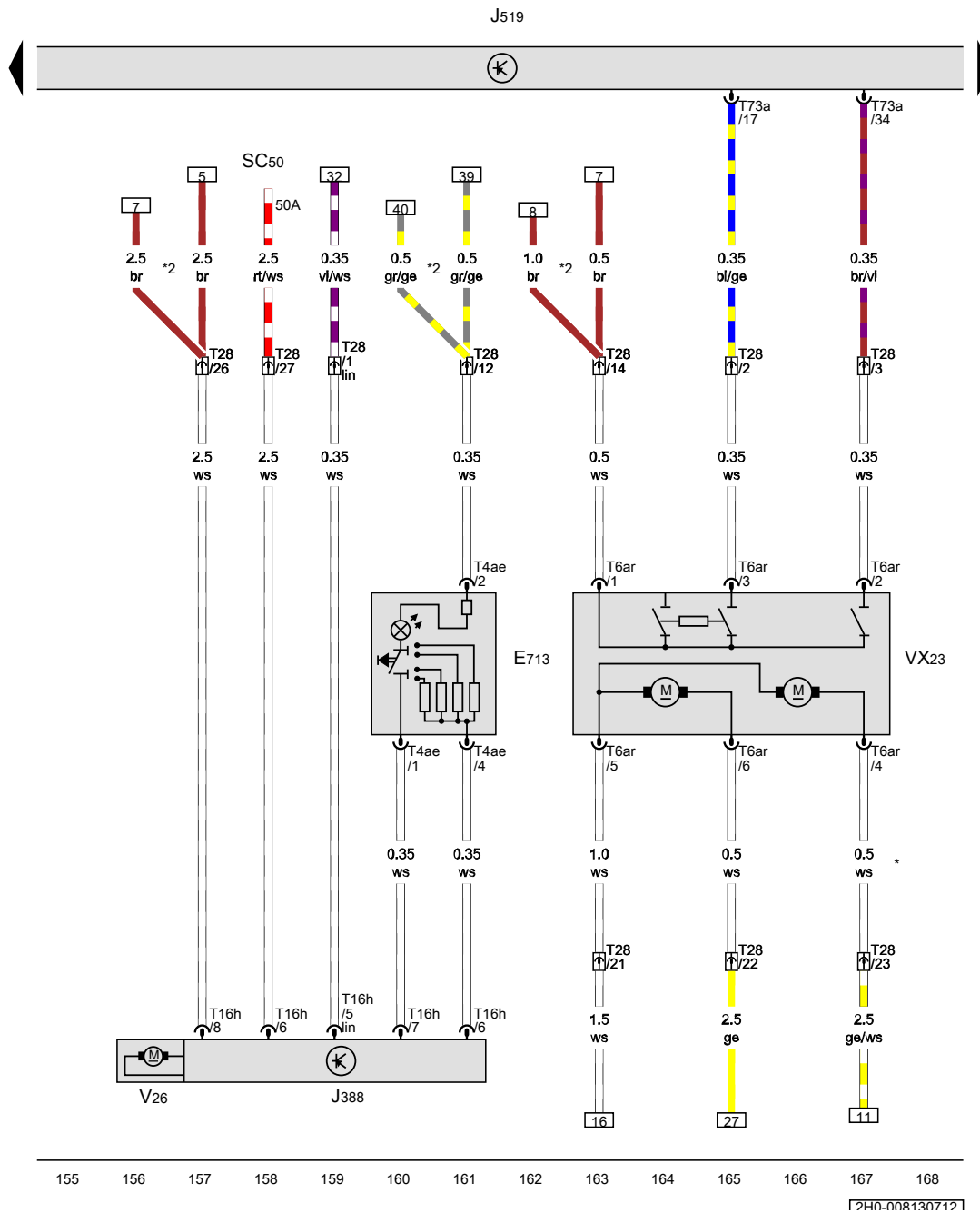


Suppression filter, Onboard supply control unit, Heated exterior mirror on front passenger side

- C10 Suppression filter
- J519 Onboard supply control unit
- T50 5-pin connector
- T6ae 6-pin connector
- T28a 28-pin connector
- T73a 73-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- Z5 Heated exterior mirror on front passenger side

- 206 Earth connection, in front passenger door wiring harness
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- R99 Connection 2 in front passenger side door wiring harness
- R100 Connection 3 in front passenger side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness

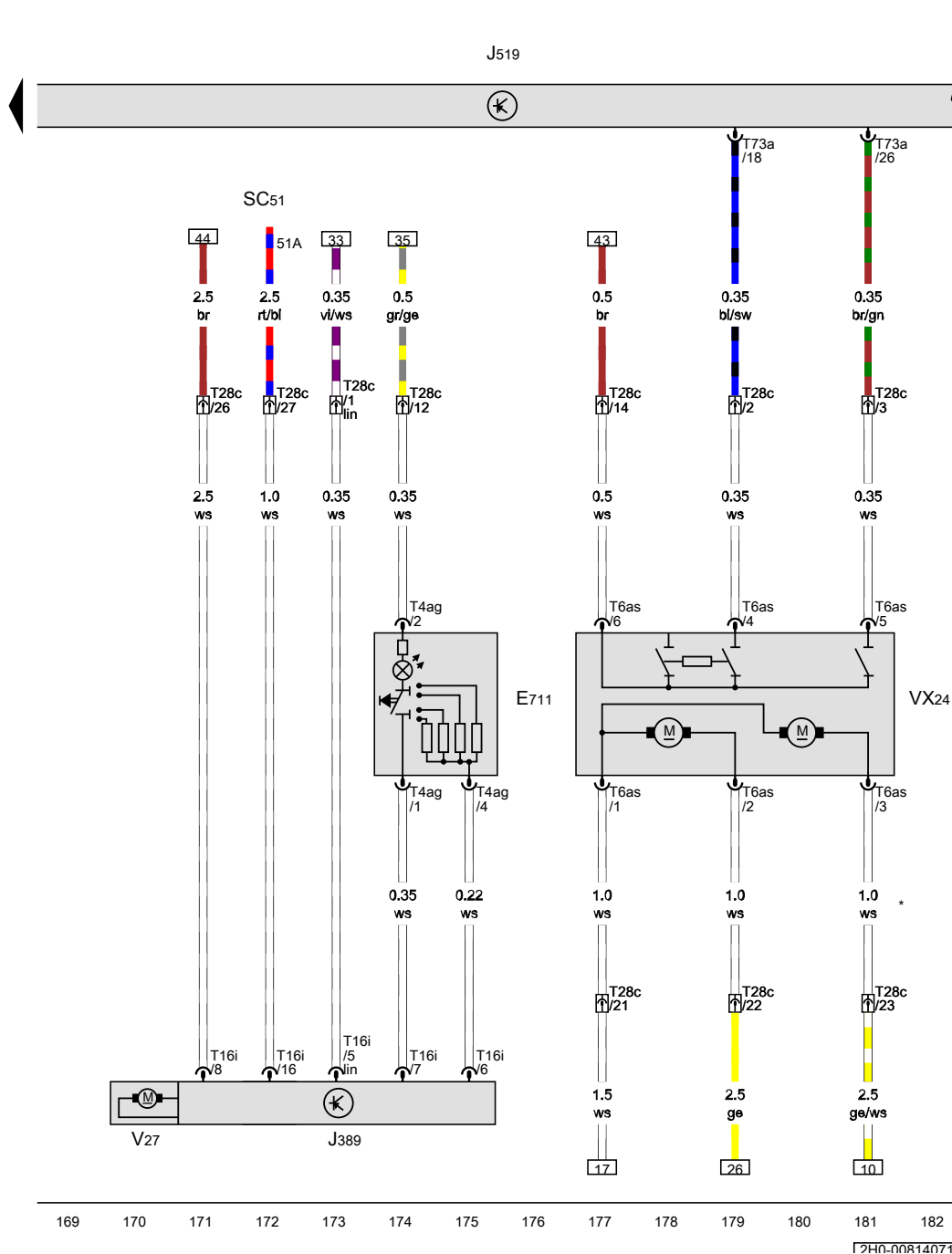
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Rear passenger side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

- E713 Rear passenger side window regulator button
- J388 Rear left door control unit
- J519 Onboard supply control unit
- SC50 Fuse 50 on fuse holder C
- T4ae 4-pin connector
- T6ar 6-pin connector
- T16h 16-pin connector
- T28 28-pin connector
- T73a 73-pin connector
- VX23 Rear left door lock unit
- V26 Rear left window regulator motor
- * Only models with SAFELOCK function
- *2 From November 2011

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 gr = grey
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Rear driver side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

- E711 Rear driver side window regulator button
- J389 Rear right door control unit
- J519 Onboard supply control unit
- SC51 Fuse 51 on fuse holder C
- T4ag 4-pin connector
- T6as 6-pin connector
- T16i 16-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- VX24 Rear right door lock unit
- V27 Rear right window regulator motor
- * Only models with SAFELOCK function

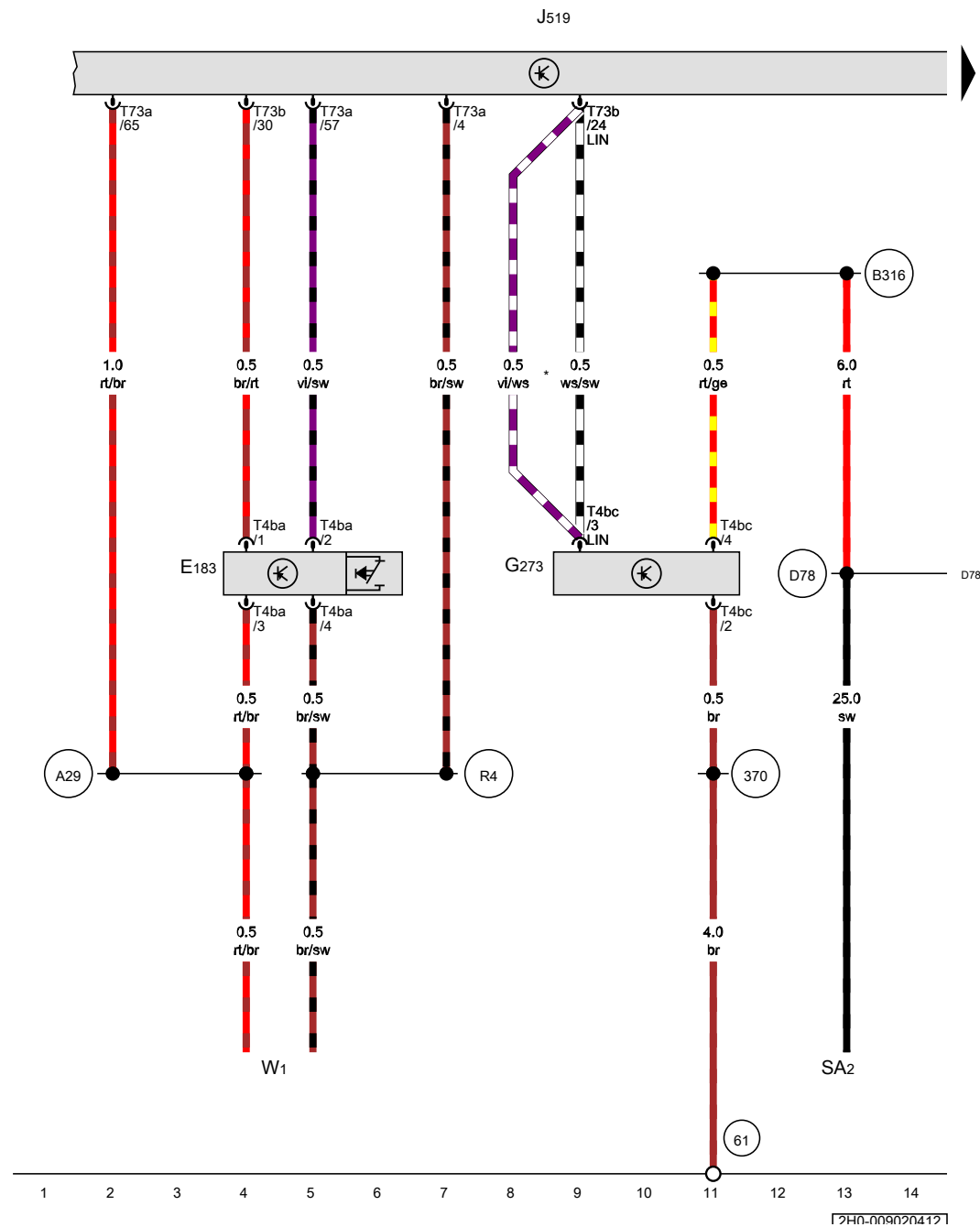
Anti-theft alarm system

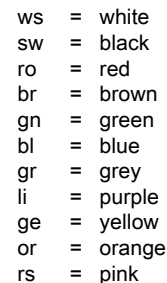
From December 2009

Interior monitoring switch, Interior monitoring sensor,
Onboard supply control unit

- E183 Interior monitoring switch
- G273 Interior monitoring sensor
- J519 Onboard supply control unit, near driver side A-pillar
- SA2 Fuse 2 in fuse holder A
- T4ba 4-pin connector, black
- T4bc 4-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector
- W1 Front interior light

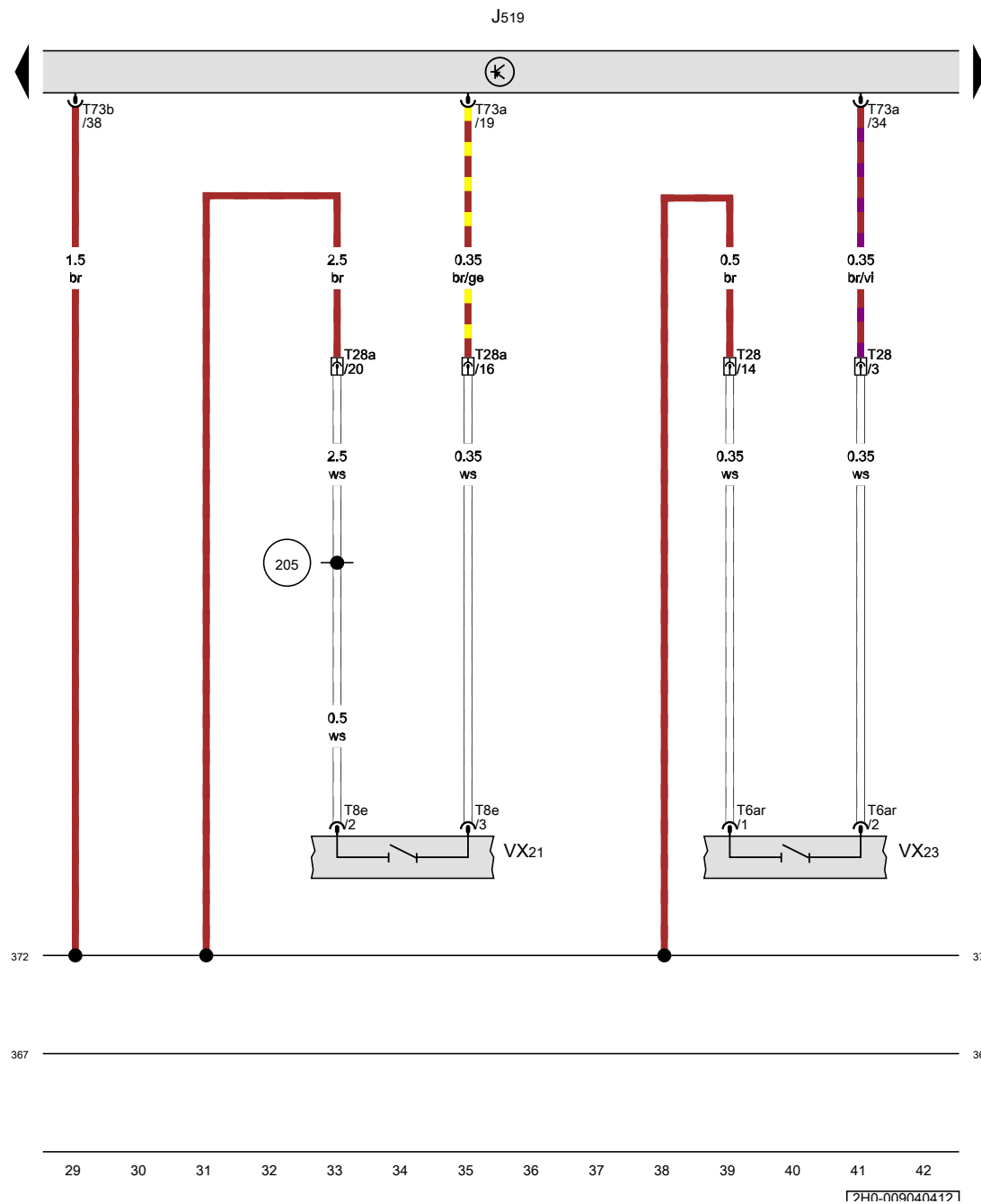
- 61 Earth point, left C-pillar
- 370 Earth connection 5, in main wiring harness
- A29 Connection (interior light), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- R4 Connection 1, in interior light/door contact switch wiring harness
- * From November 2011





F266	Bonnet contact switch
H12	Alarm horn
J519	Onboard supply control unit, near driver side A-pillar
SC24	Fuse 24 on fuse holder C
T3i	3-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

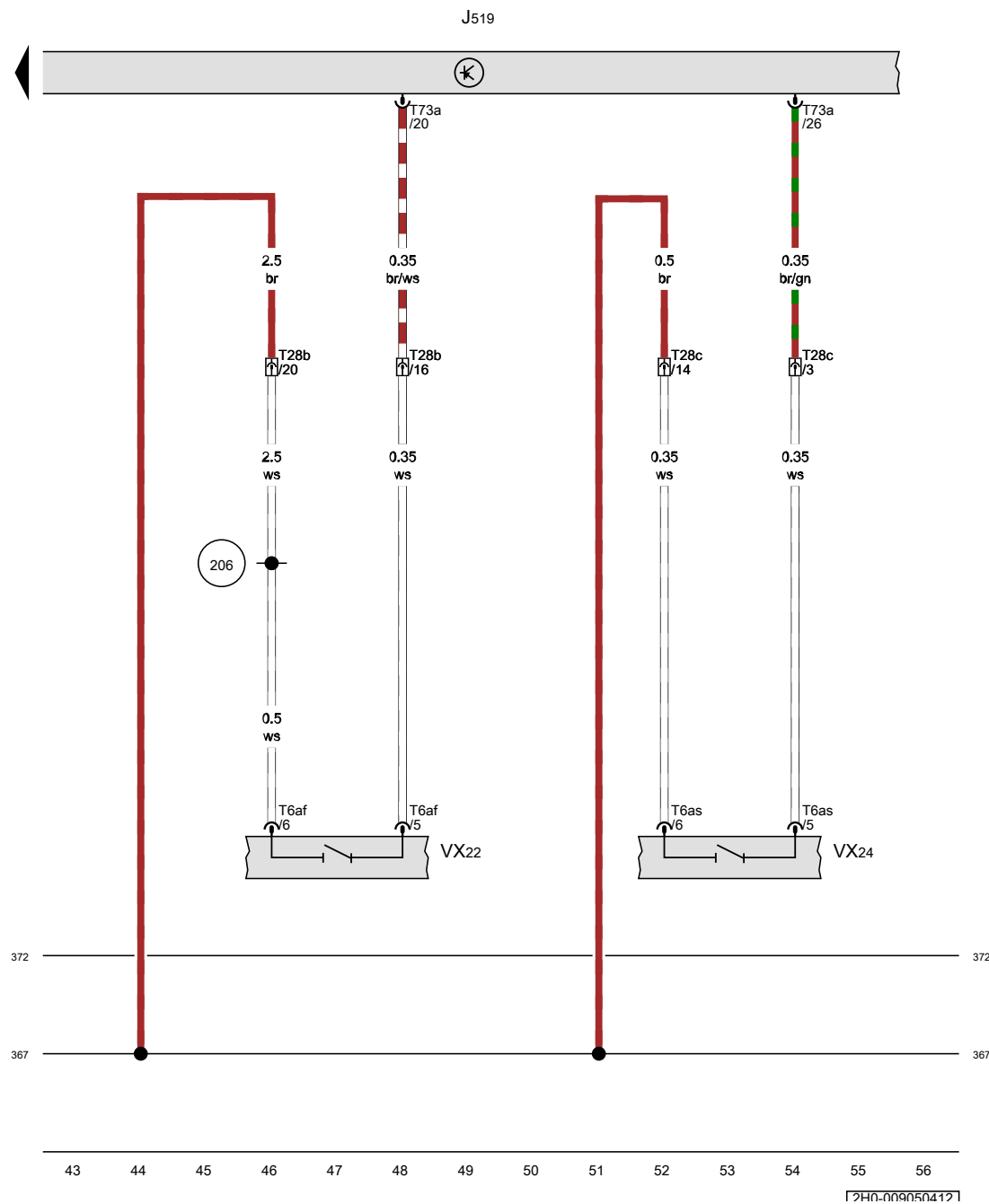


Onboard supply control unit, Driver door lock unit, Rear left door lock unit

- J519 Onboard supply control unit, near driver side A-pillar
- T6ar 6-pin connector
- T8e 8-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector
- VX21 Driver door lock unit
- VX23 Rear left door lock unit

- 205 Earth connection, in driver door wiring harness
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness

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**Onboard supply control unit, Front passenger door lock unit,
Rear right door lock unit**

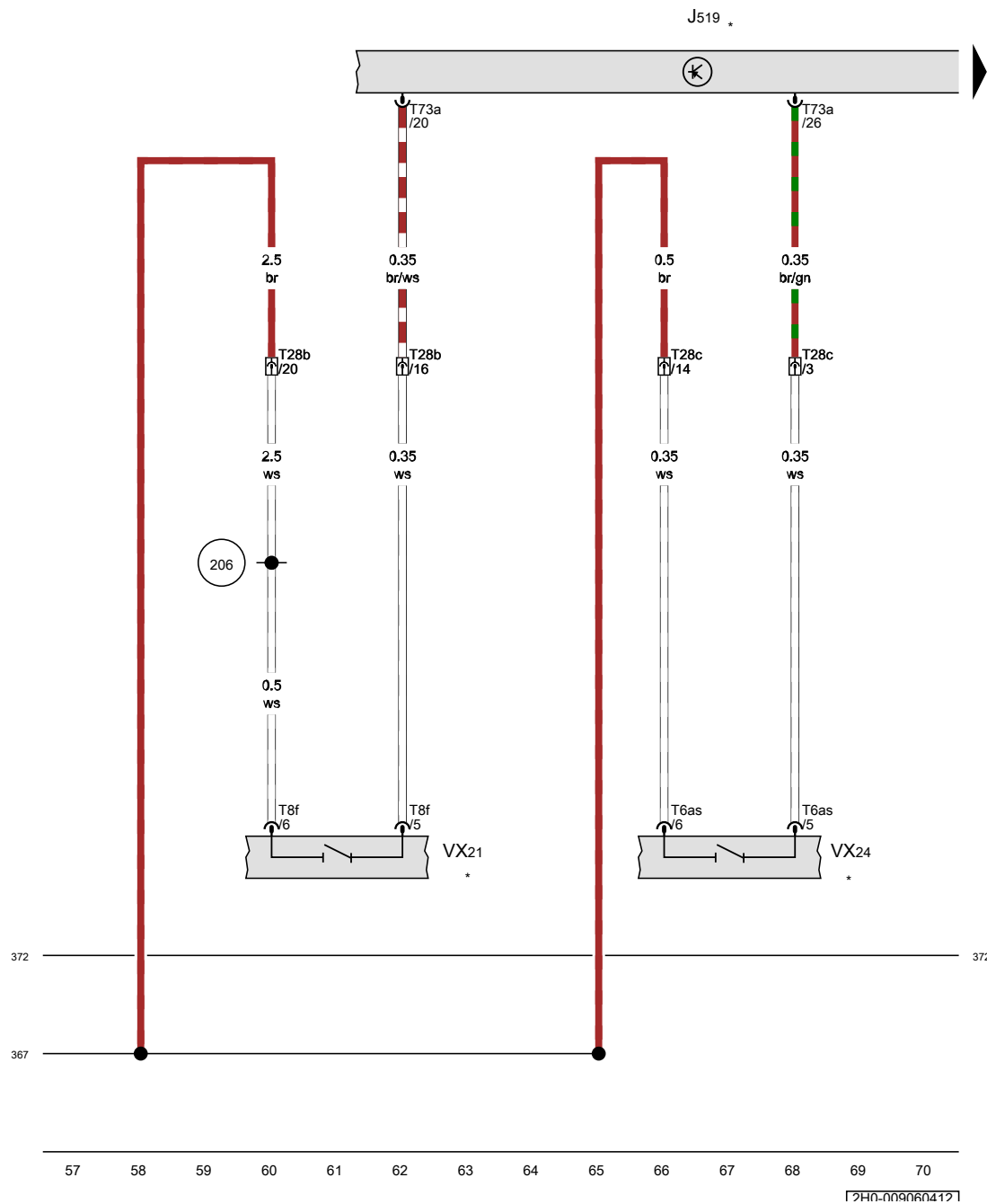
J519	Onboard supply control unit, near driver side A-pillar
T6af	6-pin connector
T6as	6-pin connector
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector, black
VX22	Front passenger door lock unit
VX24	Rear right door lock unit

(206) Earth connection, in front passenger door wiring harness

367 Earth connection 2, in main wiring harness

(372) Earth connection 7, in main wiring harness

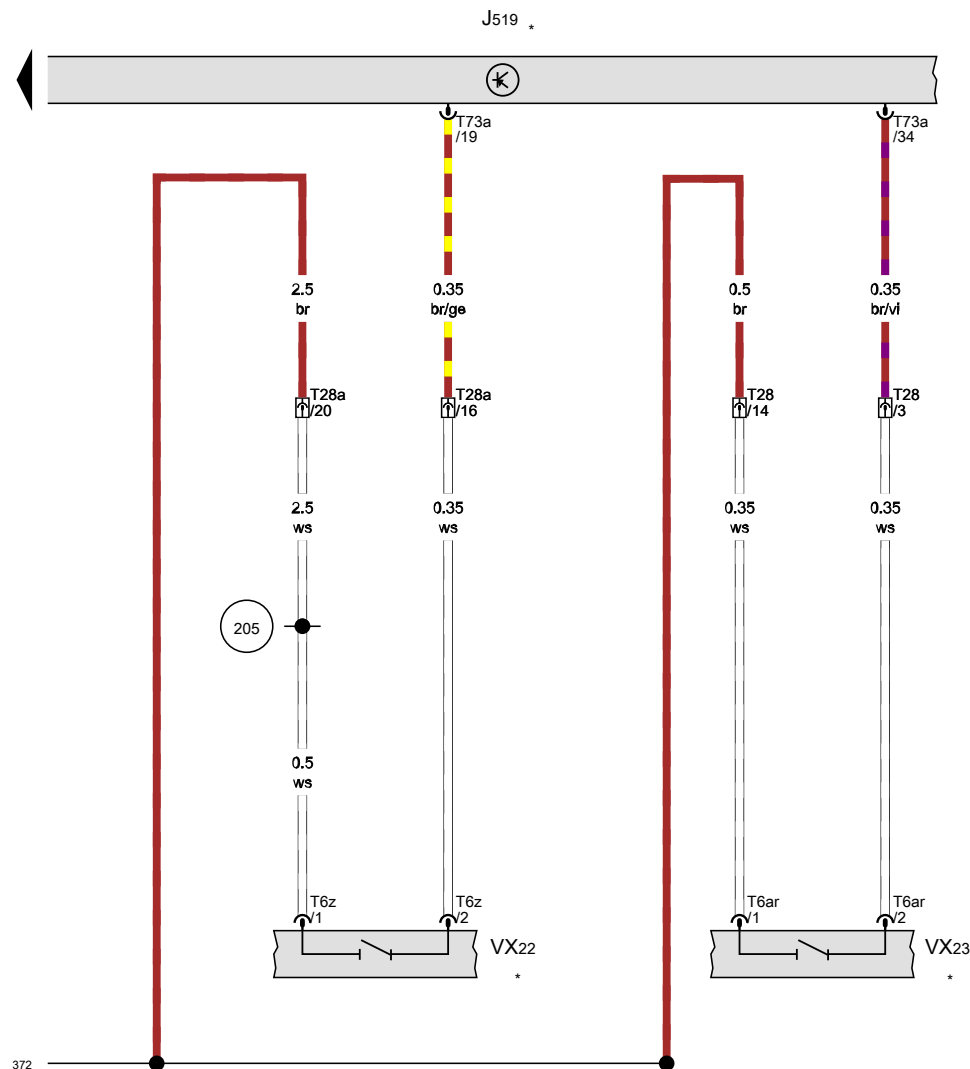
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Onboard supply control unit, Rear right door lock unit

- J519 Onboard supply control unit
- T6as 6-pin connector
- T8f 8-pin connector
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T73a 73-pin connector
- VX21 Driver door lock unit
- VX24 Rear right door lock unit

- 206 Earth connection, in front passenger door wiring harness
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- * Only right-hand drive models



Onboard supply control unit, Front passenger door lock unit,
Rear left door lock unit

J519 Onboard supply control unit

T6ar 6-pin connector

T6z 6-pin connector

T28 28-pin connector, on left B-pillar

T28a 28-pin connector, on left A-pillar

T73a 73-pin connector

VX22 Front passenger door lock unit

VX23 Rear left door lock unit

205 Earth connection, in driver door wiring harness

372 Earth connection 7, in main wiring harness

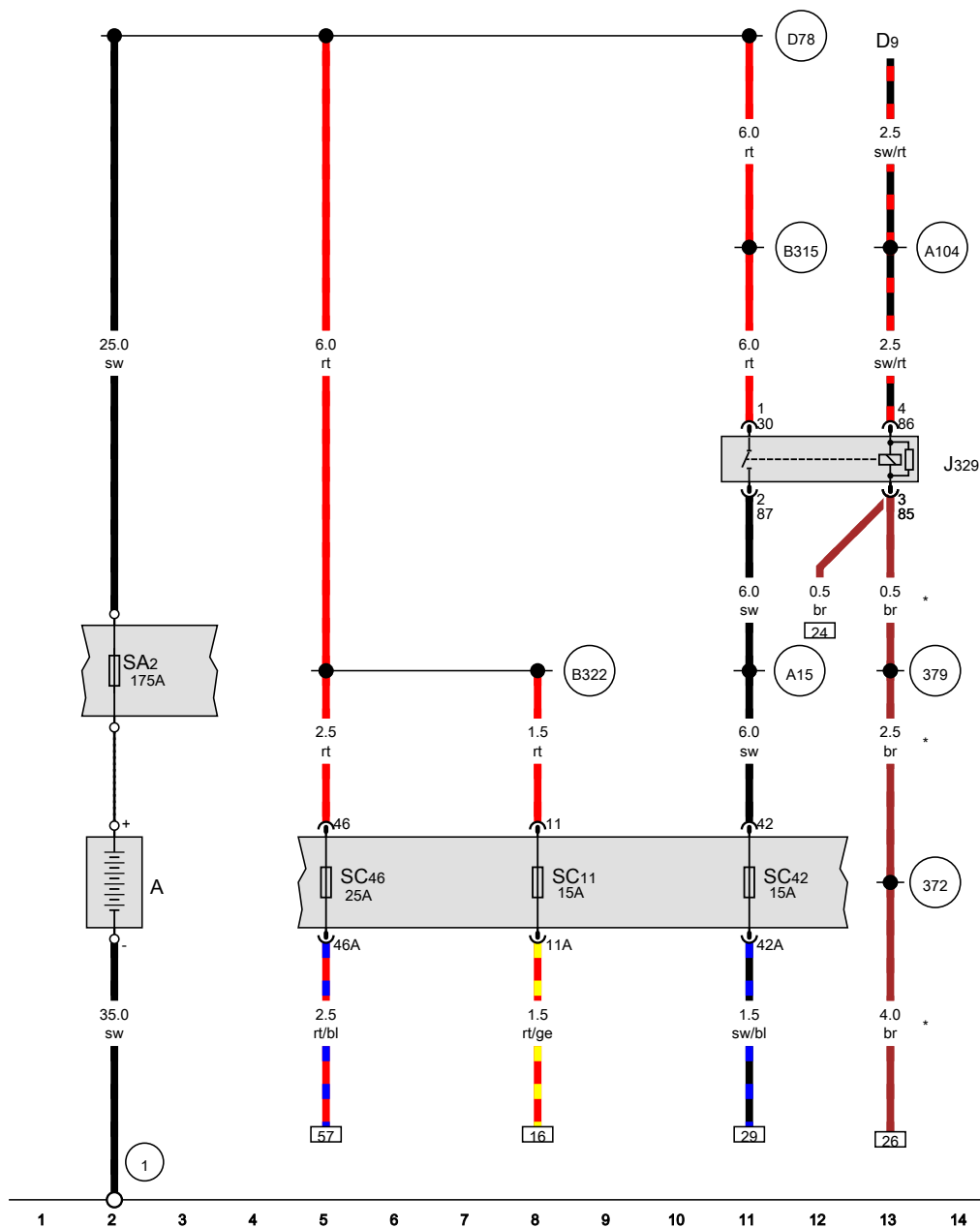
* Only right-hand drive models

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All-wheel drive

From December 2009

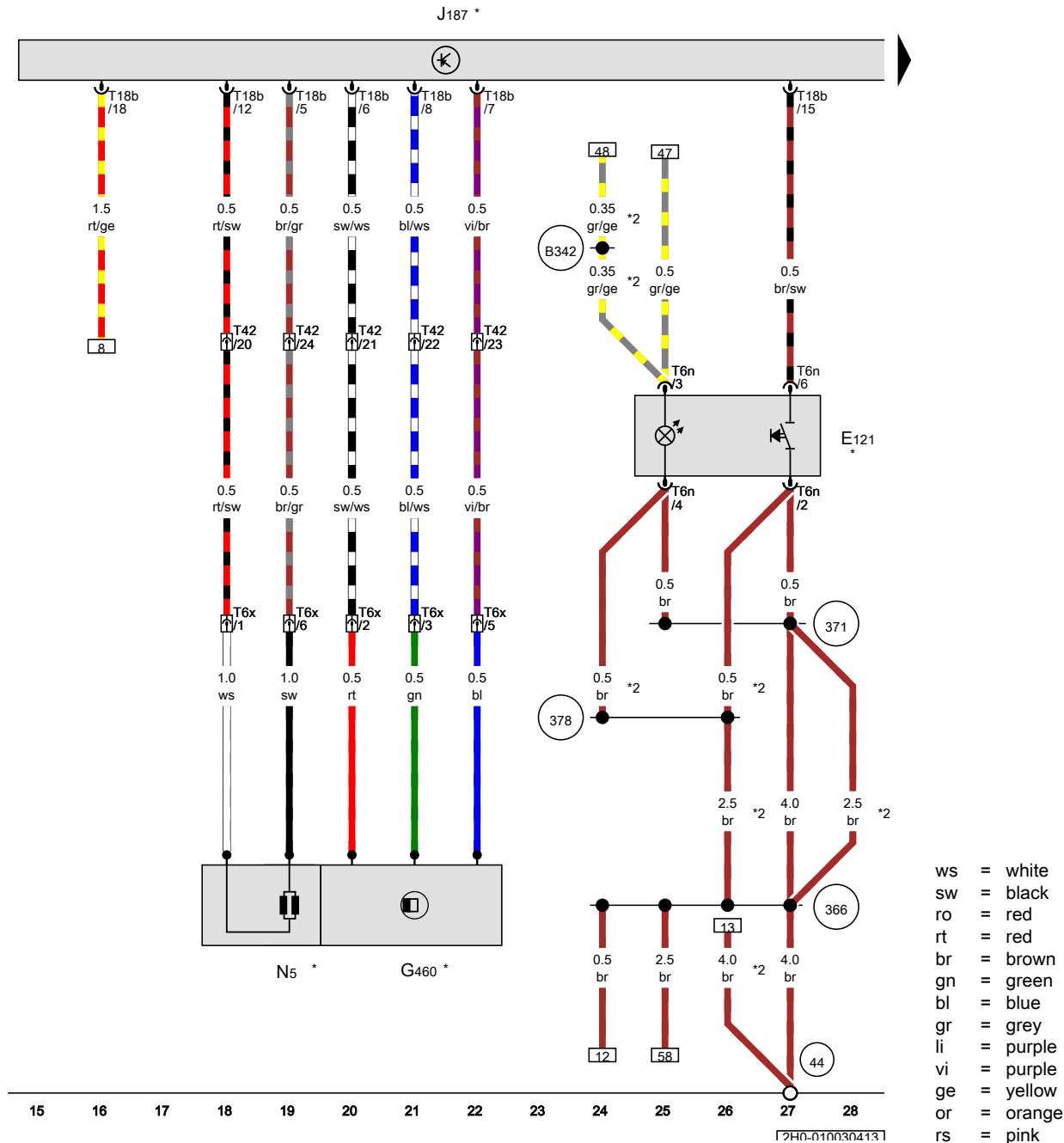
Battery, Terminal 15 voltage supply relay, Fuse 2 in fuse holder A, Fuse 11 on fuse holder C, Fuse 42 on fuse holder C, Fuse 46 on fuse holder C



- A Battery
- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- SA2 Fuse 2 in fuse holder A
- SC11 Fuse 11 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- 1 Earth strap, battery - body
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * From November 2011

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 gn = green
 bl = blue
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 li = purple
 vi = purple
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 rs = pink

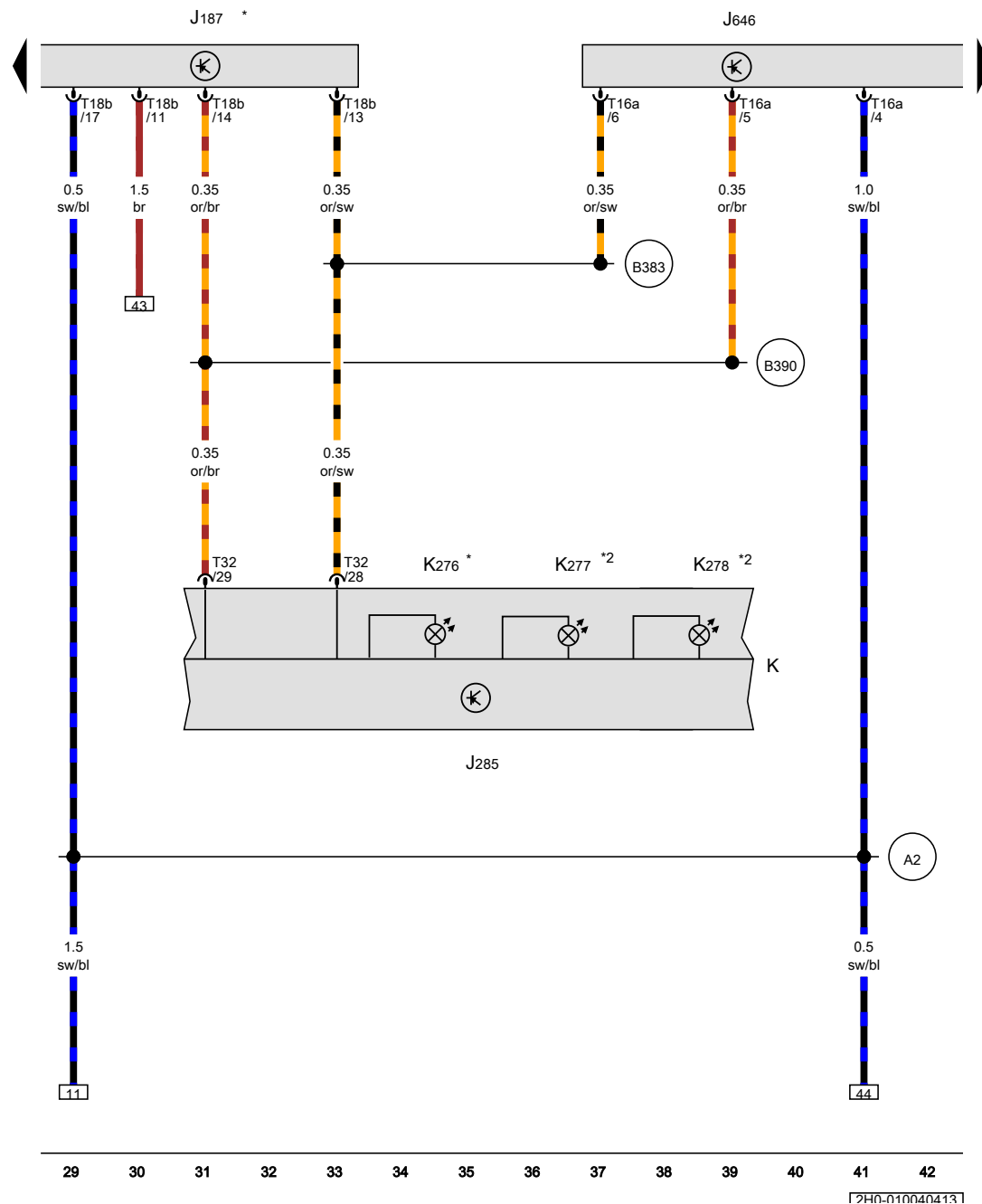
Rear differential lock switch, Axle differential lock Hall sender 1, Differential lock control unit, Control solenoid



- E121 Rear differential lock switch, in centre console
- G460 Axle differential lock Hall sender 1, on rear axle, left
- J187 Differential lock control unit, in centre console, near handbrake lever
- N5 Control solenoid, on rear axle, left
- T6n 6-pin connector
- T6x 6-pin connector, on rear axle, left, black
- T18b 18-pin connector
- T42 42-pin connector, near handbrake lever, black

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- B342 Connection 3 (58d), in main wiring harness

* Only models with rear differential lock
*2 From November 2011



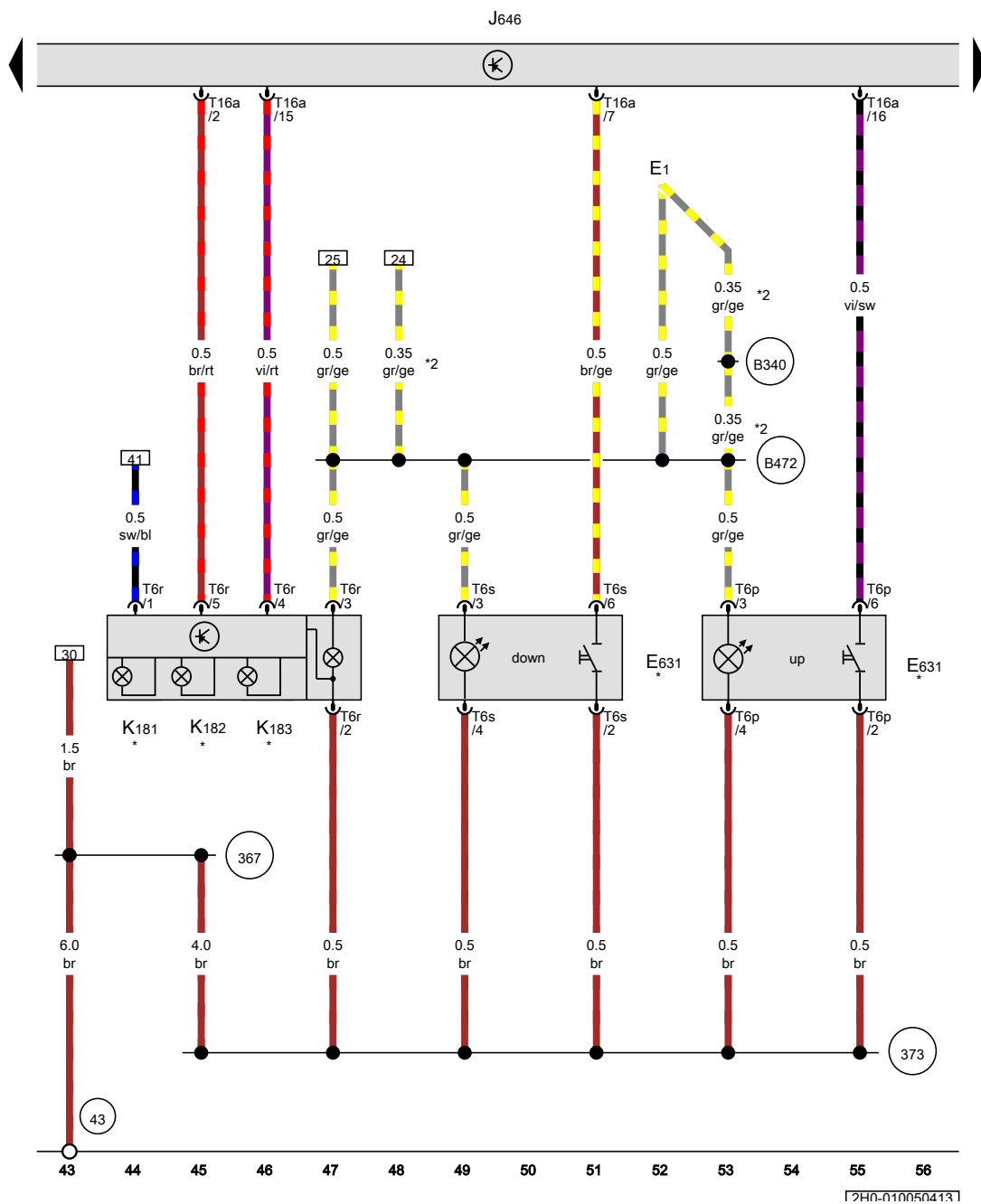
Differential lock control unit, Control unit in dash panel insert, Transfer box control unit, Rear axle differential lock warning lamp, Inter-axle lock-up warning lamp

- J187 Differential lock control unit, in centre console, near handbrake lever
- J285 Control unit in dash panel insert
- J646 Transfer box control unit
- K Dash panel insert
- K276 Rear axle differential lock warning lamp
- K277 Reduction gearing warning lamp
- K278 Inter-axle lock-up warning lamp
- T16a 16-pin connector
- T18b 18-pin connector
- T32 32-pin connector

- A2 Positive connection (15), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Only models with rear differential lock
- *2 Only models with all-wheel drive

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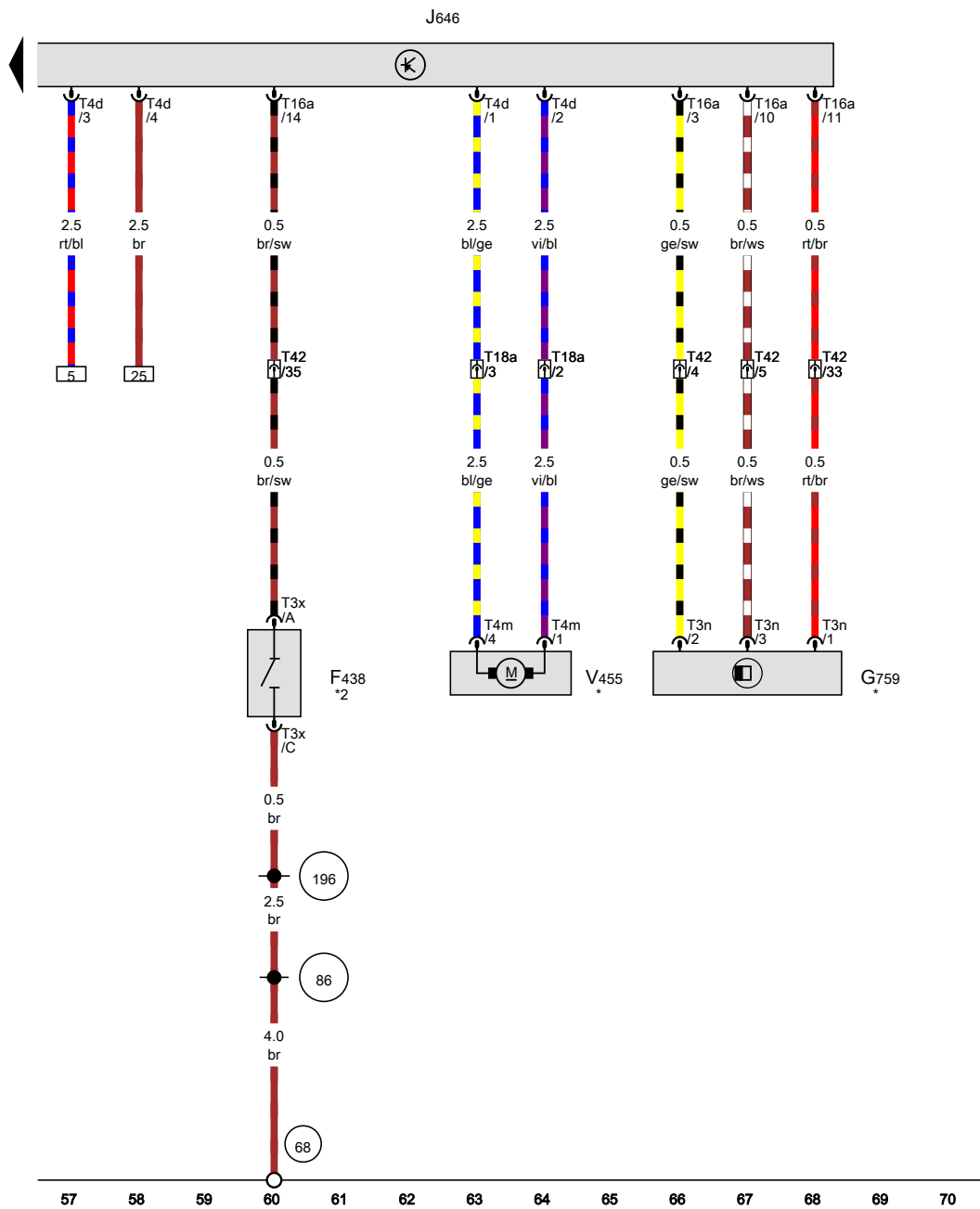
Running gear program switch, Transfer box control unit, Normal operation warning lamp in transfer box operating unit, Reduction gearing warning lamp in transfer box operating unit, Inter-axle lock-up warning lamp in transfer box operating unit

- E1 Light switch
- E631 Running gear program switch, in centre console
- J646 Transfer box control unit
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit, in centre console
- K183 Inter-axle lock-up warning lamp in transfer box operating unit
- T6p 6-pin connector
- T6r 6-pin connector
- T6s 6-pin connector
- T16a 16-pin connector

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness

* Only models with all-wheel drive
*2 From November 2011

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[240-010060413]

Transfer box inter-axe lock-up switch, Hall sender for transfer box, Transfer box control unit, Transfer box control motor

- F438 Transfer box inter-axe lock-up switch
- G759 Hall sender for transfer box, on gearbox
- J646 Transfer box control unit
- T3n 3-pin connector
- T3x 3-pin connector
- T4d 4-pin connector
- T4m 4-pin connector
- T16a 16-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- V455 Transfer box control motor, on gearbox

68 Earth point, on left of rear cross member

86 Earth connection 1, in rear wiring harness

196 Earth connection 3, in rear wiring harness

* with auxiliary drive (part time)

*2 Only models with all-wheel drive

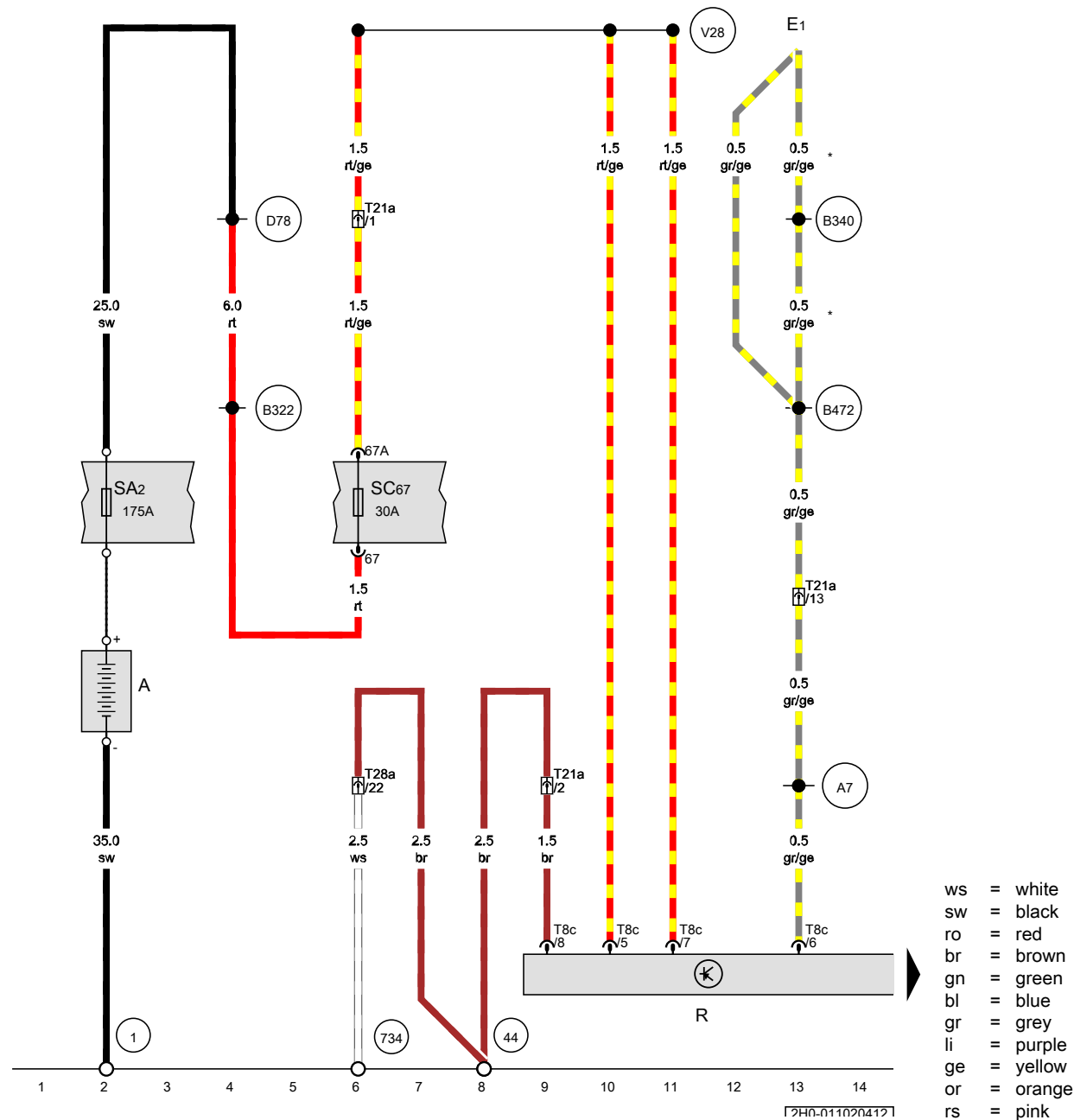
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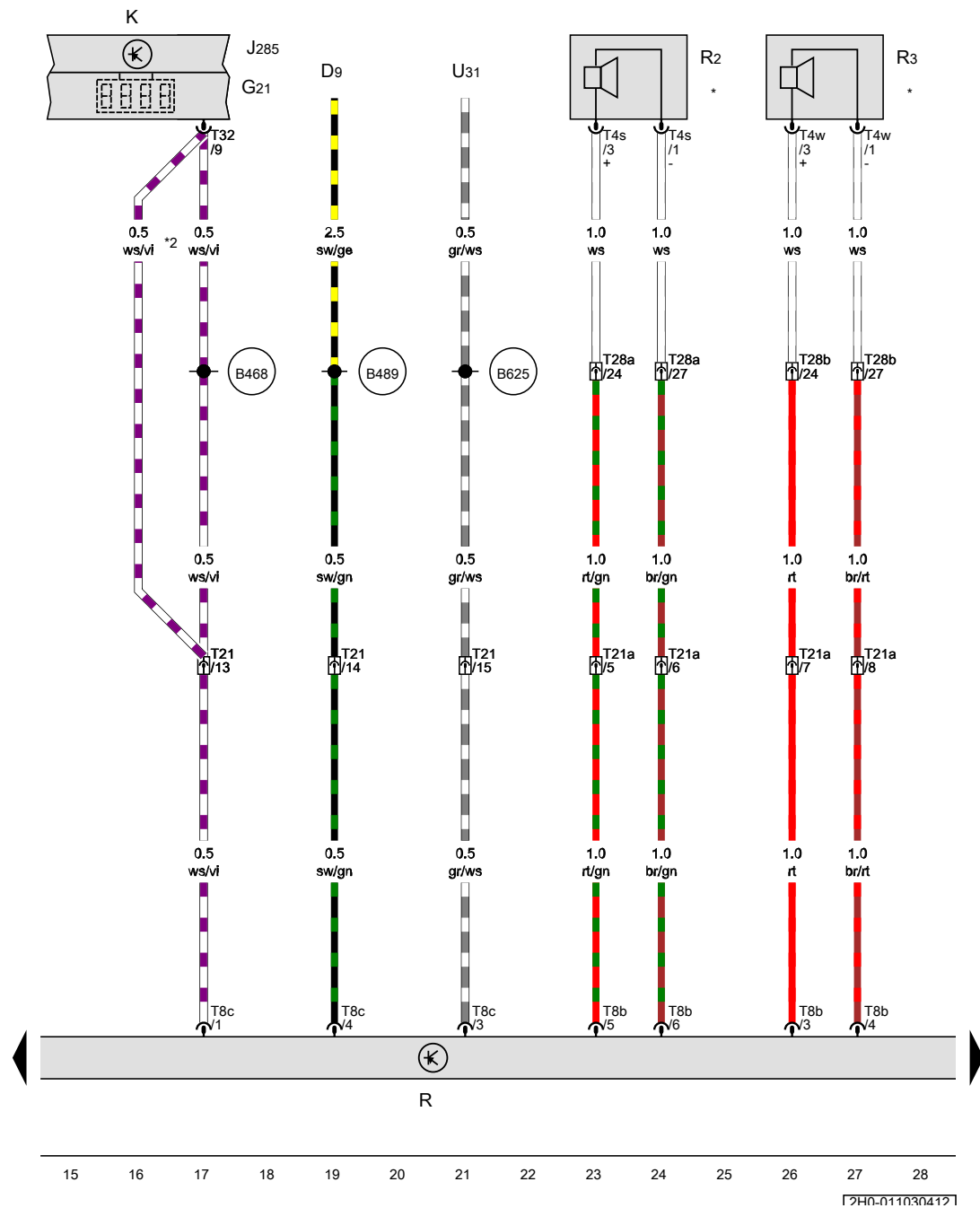
Radio system , (8AN),(8AG)

From December 2009

Battery, Light switch, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
E1	Light switch
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector, black
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
734	Earth point in front left door
A7	Positive connection (58 D1), in dash panel wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
- * From November 2011





Electronic ignition lock, Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

- D9 Electronic ignition lock
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- R Radio
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- T4s 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector, brown
- T8c 8-pin connector, black
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T32 32-pin connector
- U31 Diagnostic connection

B468 Connection 4, in main wiring harness

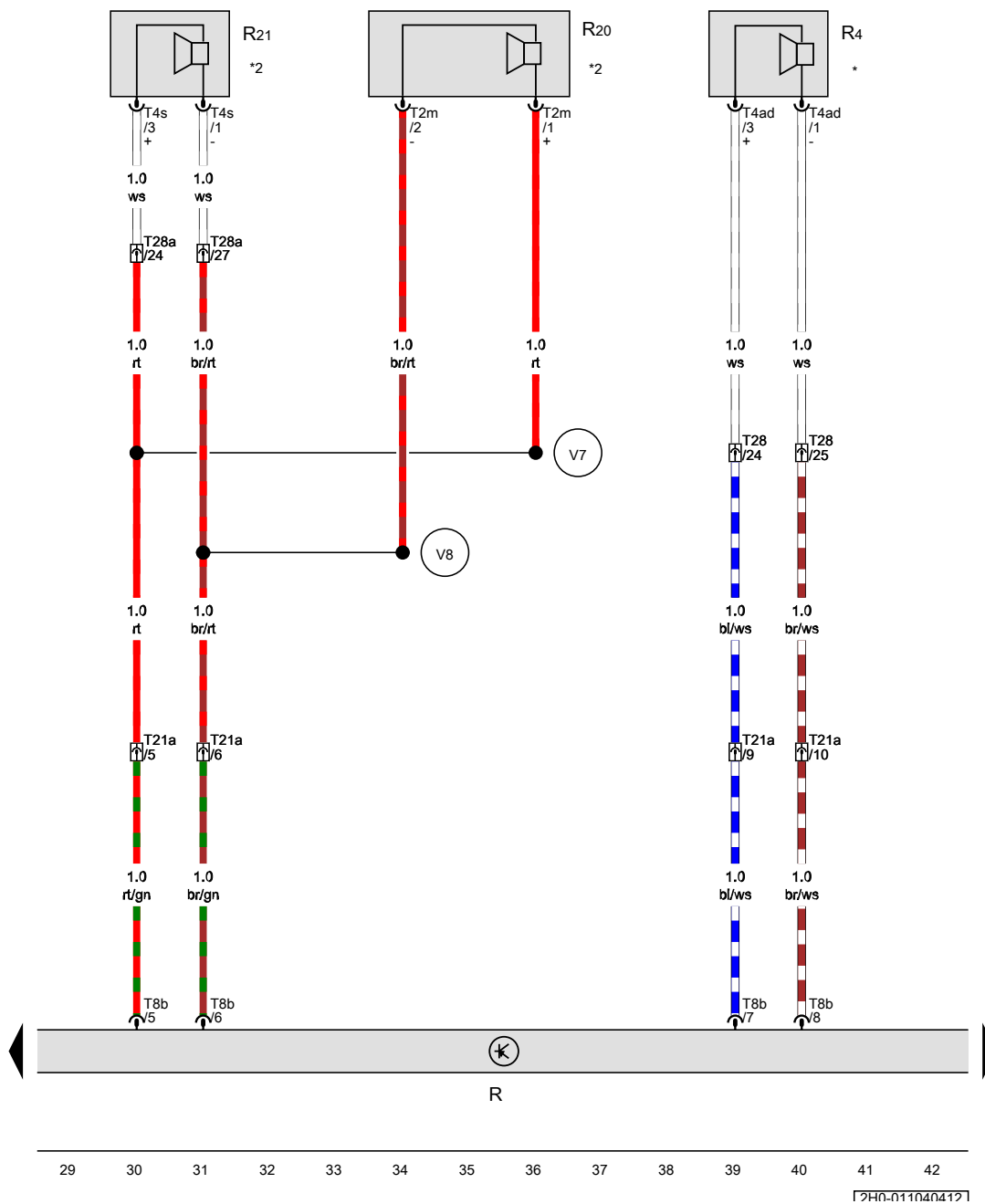
B489 Connection 25, in main wiring harness

B625 Connection (K-diagnosis wire), in main wiring harness

* Only models with 2 loudspeakers (8RD)

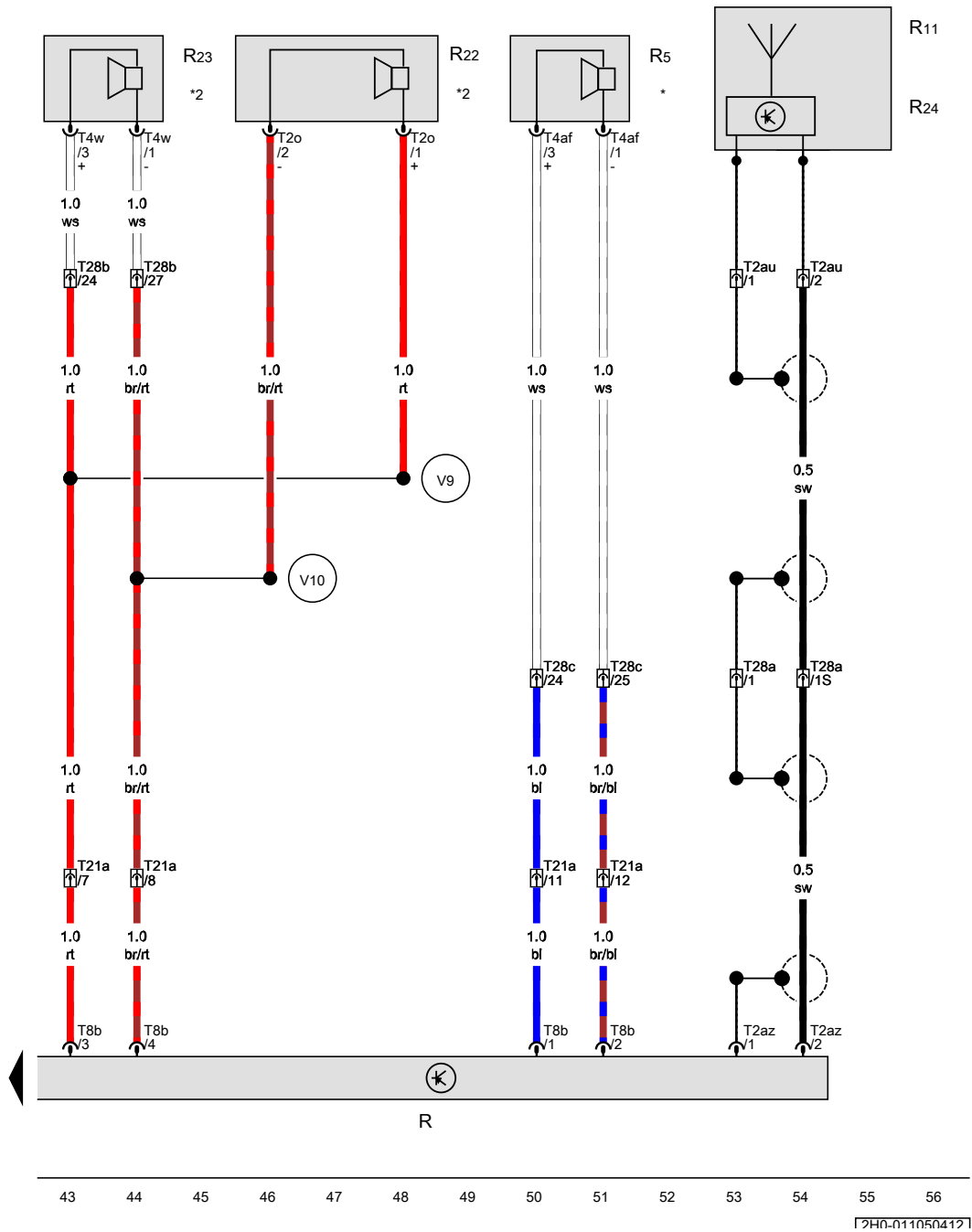
*2 Only models with no electric interface

Radio, Rear left loudspeaker, Front left treble loudspeaker,
Front left bass loudspeaker



- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8b 8-pin connector, brown
- T21a 21-pin connector, on relay carrier, brown
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

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Radio, Rear right loudspeaker, Aerial, Front right treble loudspeaker, Front right bass loudspeaker, Aerial amplifier

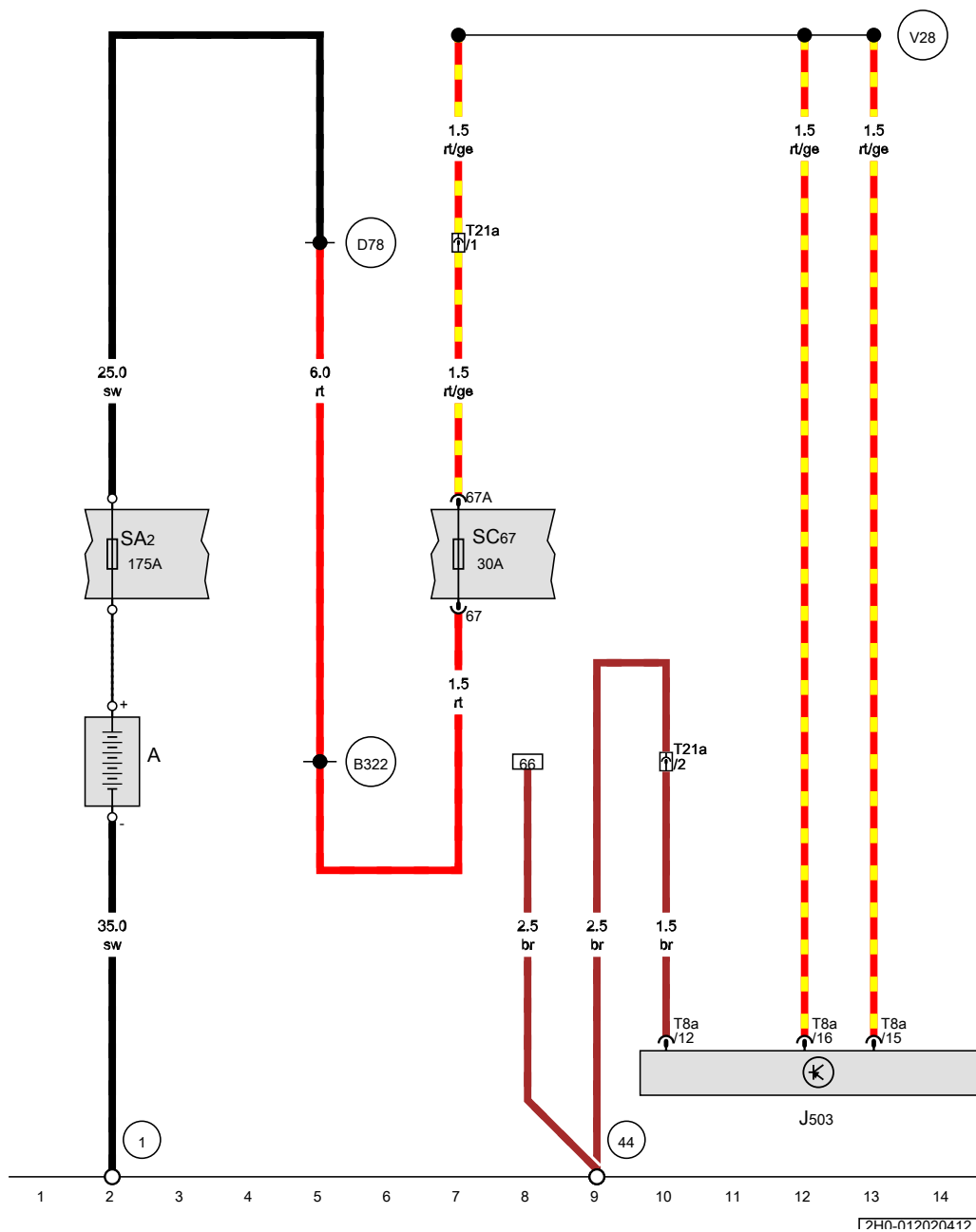
R	Radio
R5	Rear right loudspeaker
R11	Aerial
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2az	2-pin connector, colourless
T2o	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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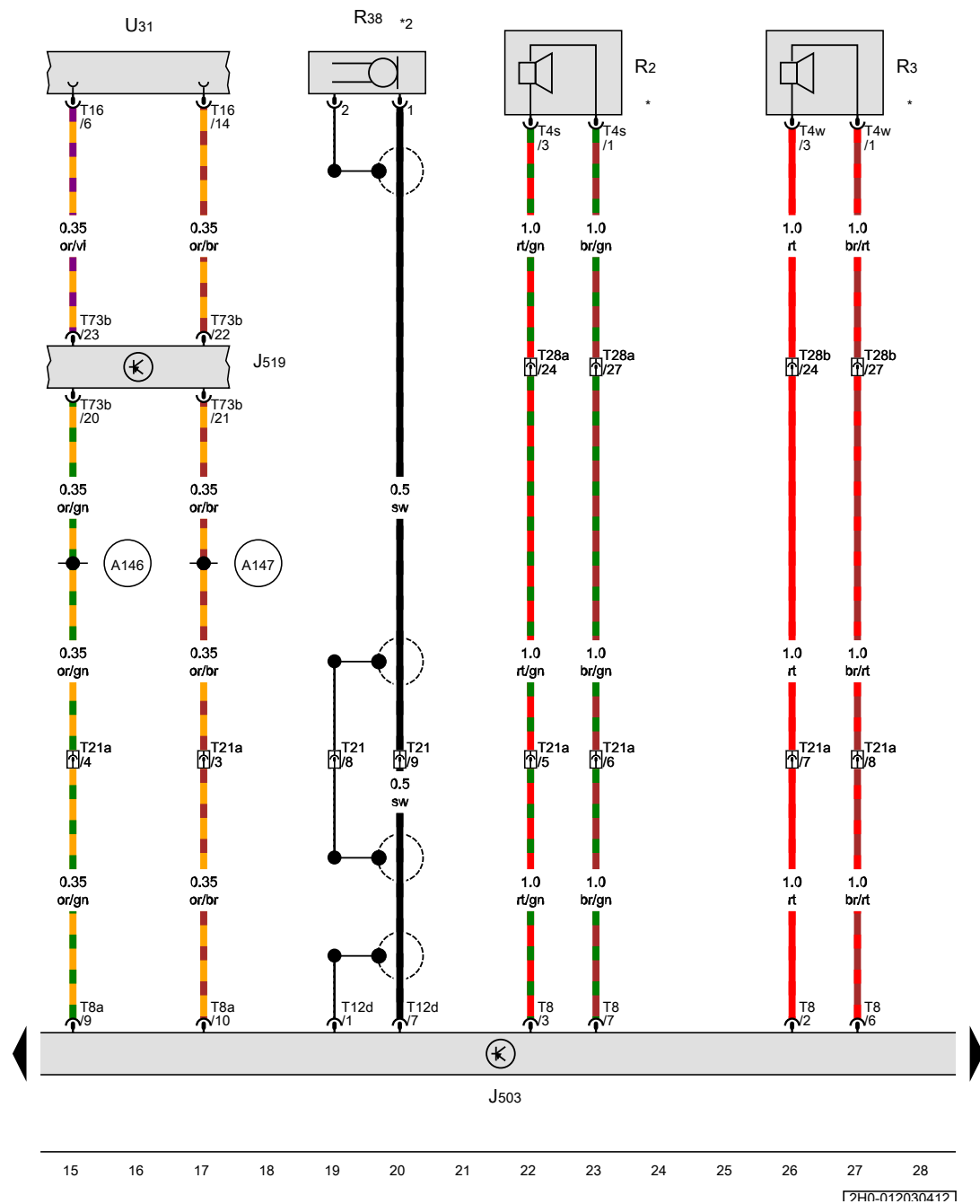
Radio navigation system , (8AY),(7UC),(7UK)

From December 2009

Battery, Control unit with display for radio and navigation,
Fuse 2 in fuse holder A, Fuse 67 on fuse holder C



- A Battery
- J503 Control unit with display for radio and navigation
- SA2 Fuse 2 in fuse holder A
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T21a 21-pin connector, on relay carrier, brown
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness



Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone, Diagnostic connection

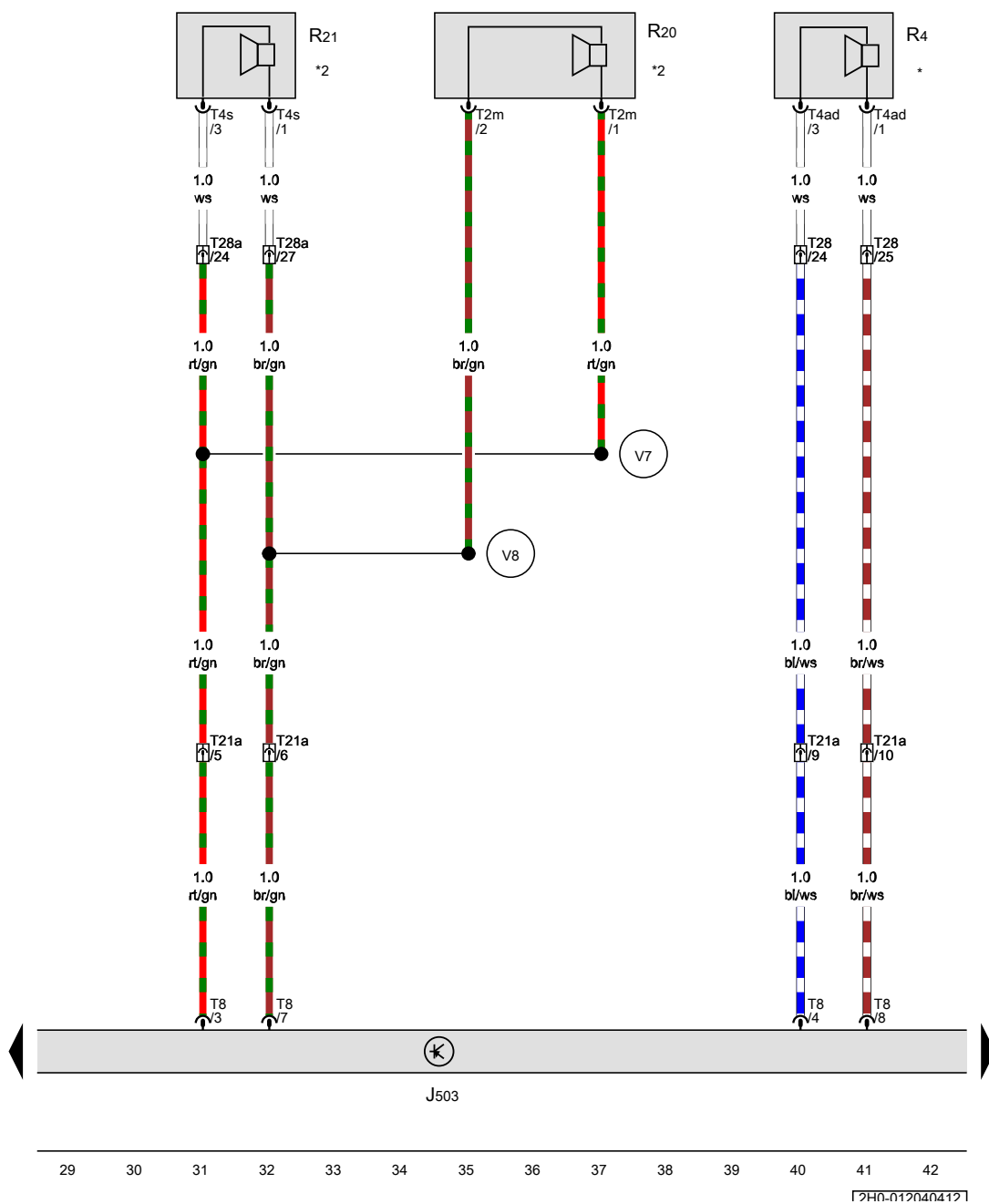
- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- R38 Telephone microphone
- T4s 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector, brown
- T8a 8-pin connector, black
- T12d 12-pin connector, green
- T16 16-pin connector, black
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73b 73-pin connector, colourless
- U31 Diagnostic connection

A146 Connection (convenience CAN bus, high), in dash panel wiring harness

A147 Connection (convenience CAN bus, low), in dash panel wiring harness

* Only models with 2 loudspeakers (8RD)

*2 Only models with mobile telephone/ preparation for mobile telephone

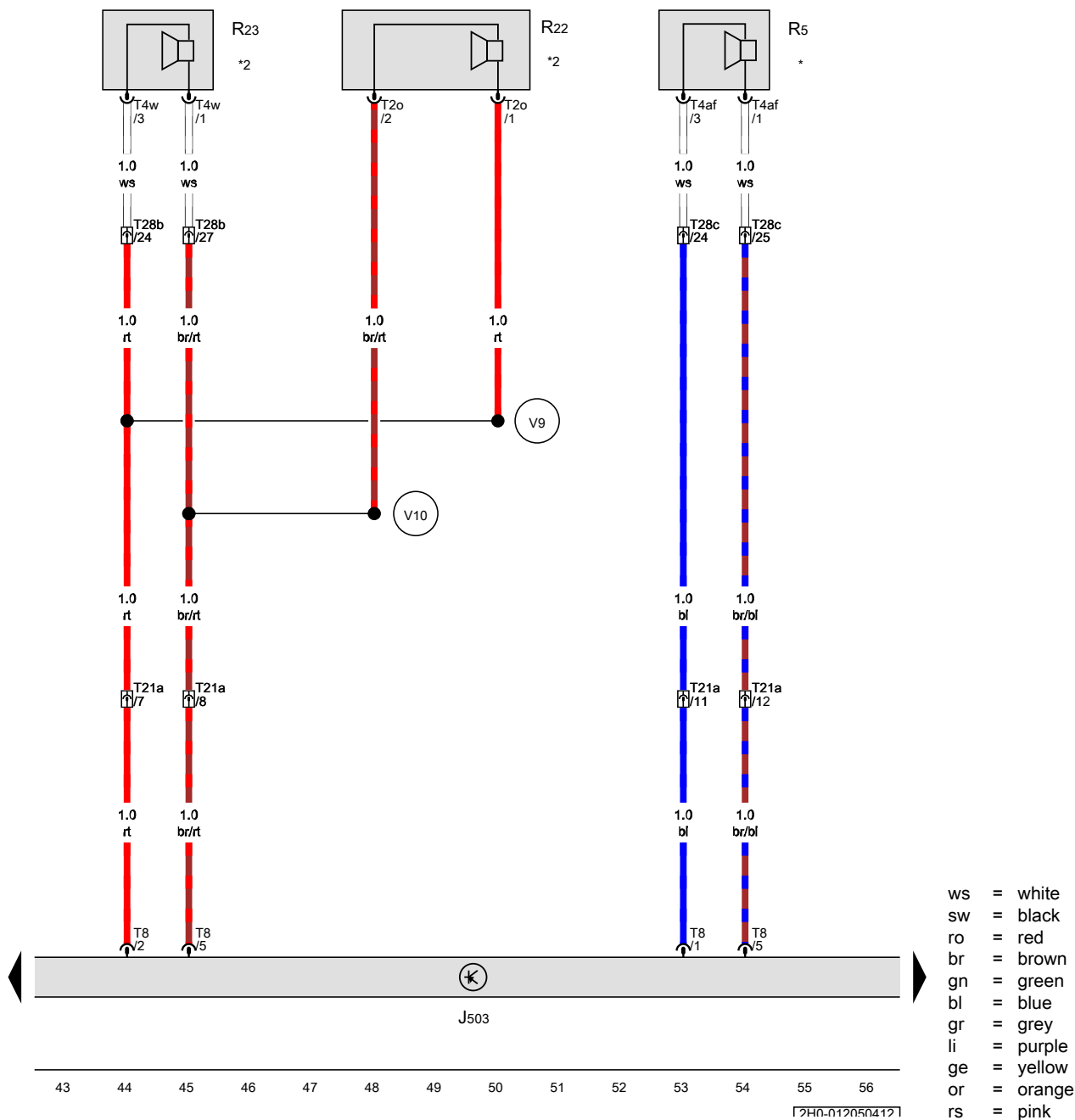


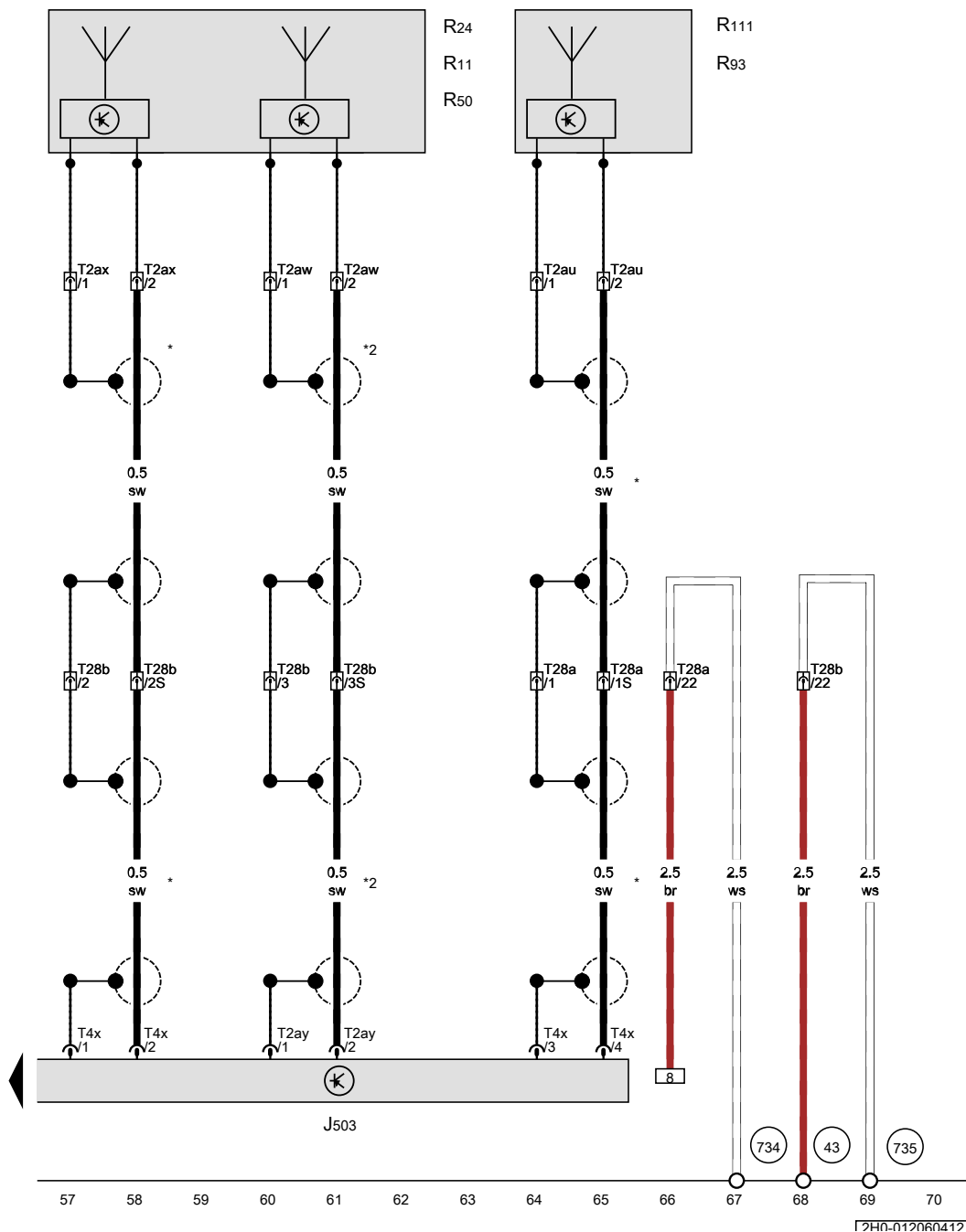
Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

- J503 Control unit with display for radio and navigation
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8 8-pin connector, brown
- T21a 21-pin connector, on relay carrier, brown
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- J503 Control unit with display for radio and navigation
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2o 2-pin connector
- T4af 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector, brown
- T21a 21-pin connector, on relay carrier, brown
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers





Control unit with display for radio and navigation, Aerial, Aerial amplifier, GPS aerial, Radio aerial 2

- J503 Control unit with display for radio and navigation
- R11 Aerial
- R24 Aerial amplifier
- R50 GPS aerial
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- T2au 2-pin connector, in left door, near exterior mirror
- T2aw 2-pin connector, in right door, near exterior mirror, blue
- T2ax 2-pin connector, in right door, near exterior mirror
- T2ay 2-pin connector, blue
- T4x 4-pin connector, colourless
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar

43 Earth point, lower part of right A-pillar

734 Earth point in front left door

735 Earth point in front right door

* Aerial connection for radio

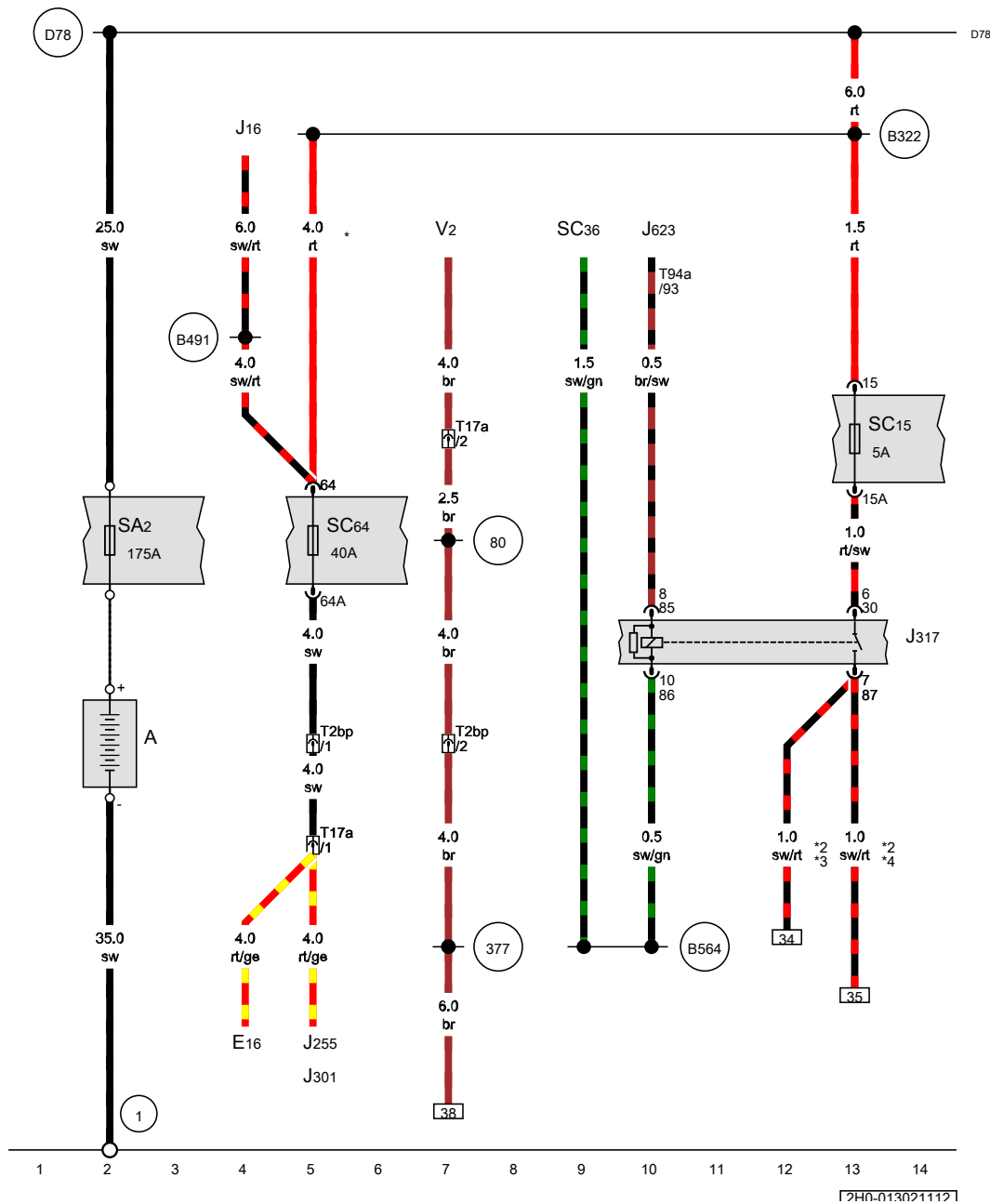
*2 Aerial connection for GPS

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

Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently

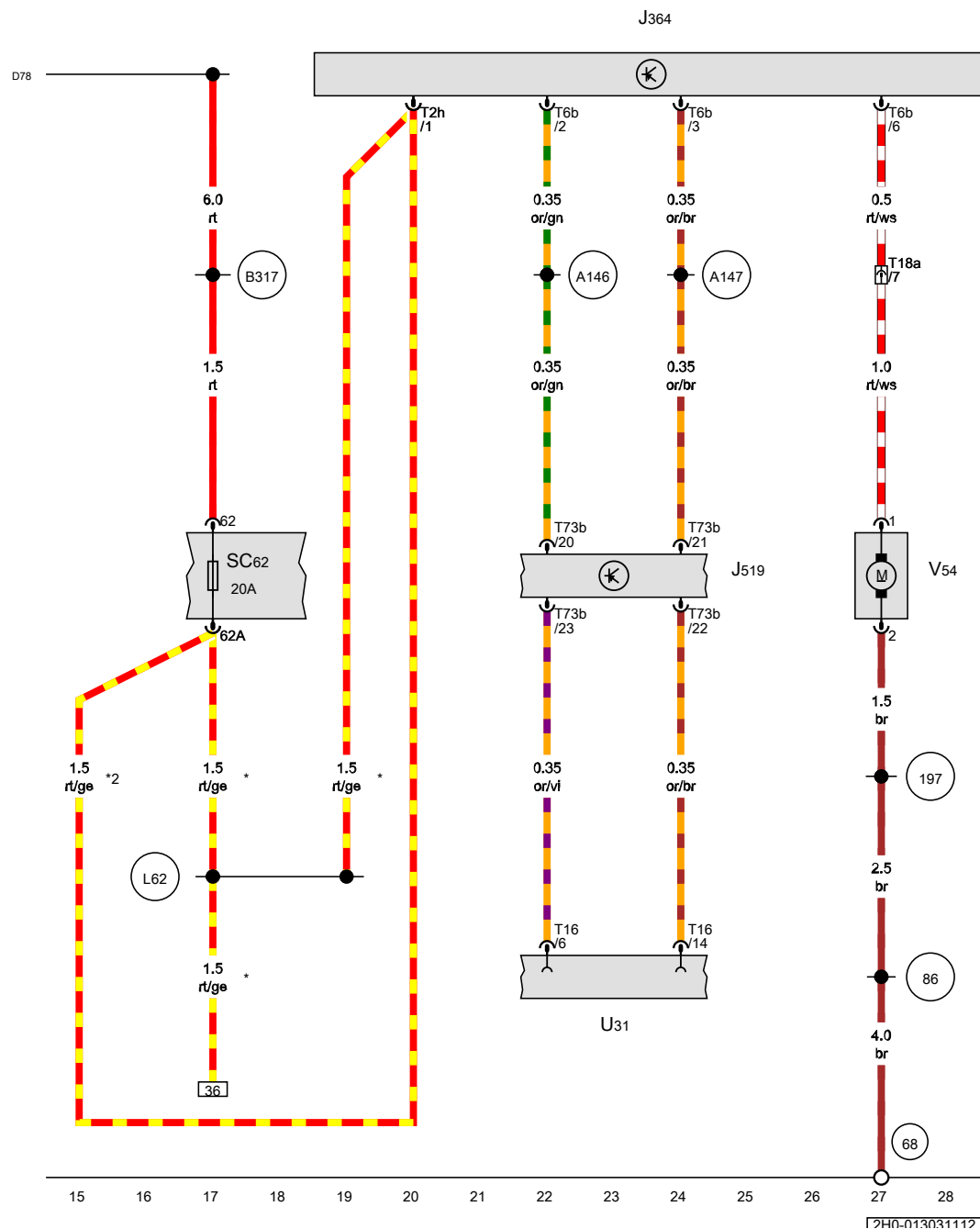
From December 2009

Battery, Engine control unit, Fuse 2 in fuse holder A, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C, Fresh air blower



- A Battery
- E16 Heater/heat output switch
- J16 Current supply relay
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- T2bp 2-pin connector, in front right footwell, black
- T17a 17-pin connector, behind glove compartment, black
- T94a 94-pin connector, black
- V2 Fresh air blower
- 1 Earth strap, battery - body
- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- B564 Connection 31, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with Climatronic
- *2 Only models with diesel engine
- *3 Only models with no air conditioning system/Climatronic
- *4 Only models with air conditioning system/ Climatronic

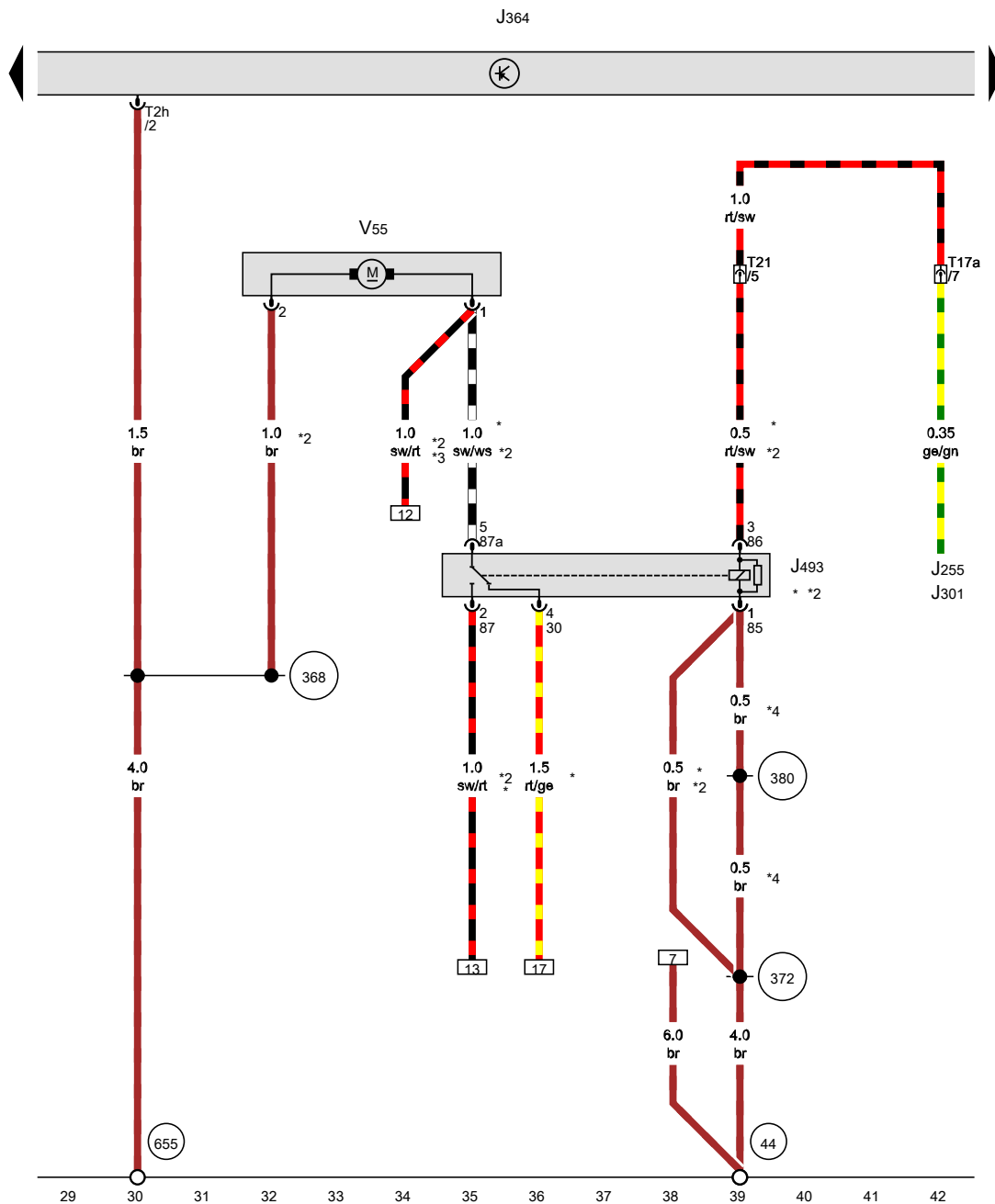
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



**Auxiliary heater control unit, Onboard supply control unit,
Fuse 62 on fuse holder C, Metering pump**

- J364 Auxiliary heater control unit
- J519 Onboard supply control unit
- SC62 Fuse 62 on fuse holder C
- T2h 2-pin connector, black
- T6b 6-pin connector, black
- T16 16-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T73b 73-pin connector
- U31 Diagnostic connection
- V54 Metering pump
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with air conditioning system/ Climatronic
- *2 Only models with no air conditioning system/Climatronic

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

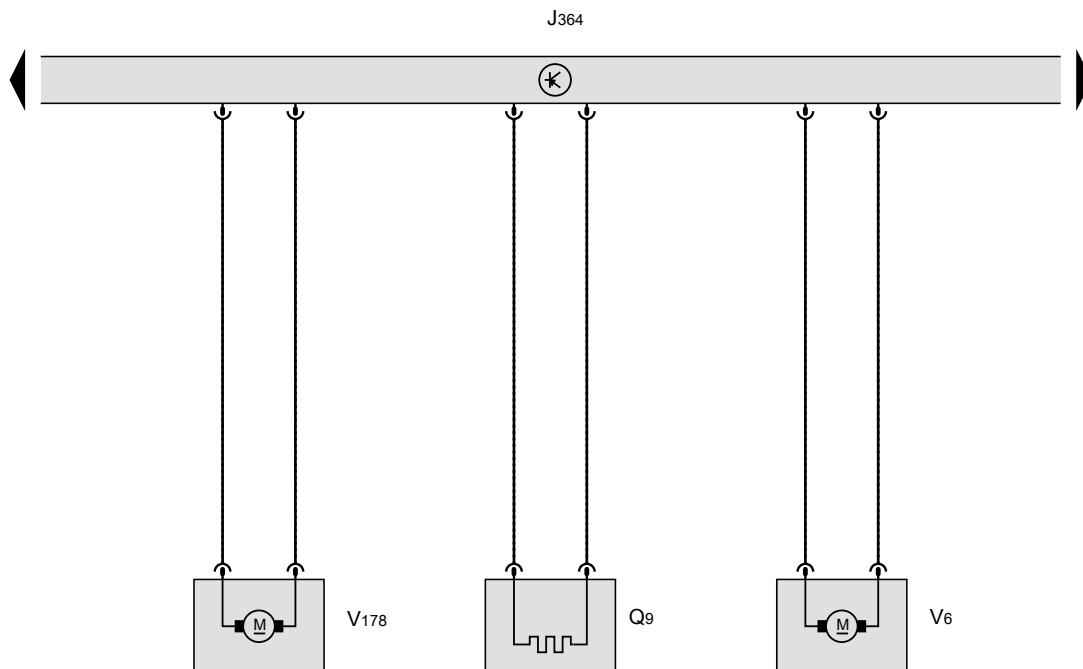


Auxiliary heater control unit, Circulation pump

- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J364 Auxiliary heater control unit
- J493 Auxiliary coolant heater relay
- T2h 2-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- V55 Circulation pump
- 44 Earth point, lower part of left A-pillar
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 655 Earth point, on left headlight
- * Only models with air conditioning system/ Climatronic
- *2 Only models with diesel engine
- *3 Only models with no air conditioning system/Climatronic
- *4 From November 2011

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

12H0-0130411121



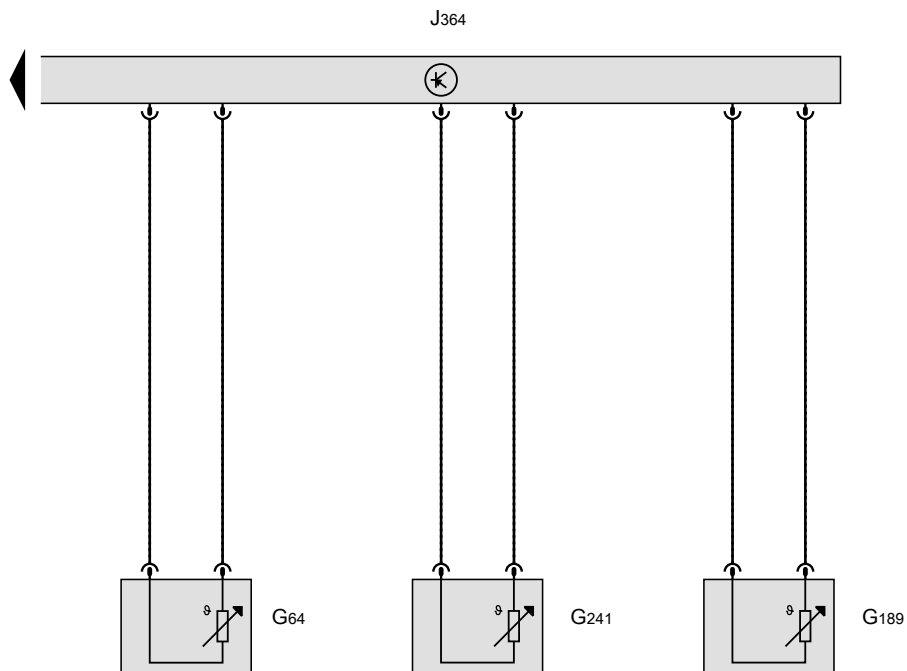
**Auxiliary heater control unit, Glow plug for heater,
Combustion air blower**

- J364 Auxiliary heater control unit
- Q9 Glow plug for heater
- V6 Combustion air blower
- V178 Coolant circulation pump 2

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

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

[240-013051112]



Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

- G64 Flame monitor
- G189 Overheating sensor
- G241 Coolant temperature sender for heater
- J364 Auxiliary heater control unit

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

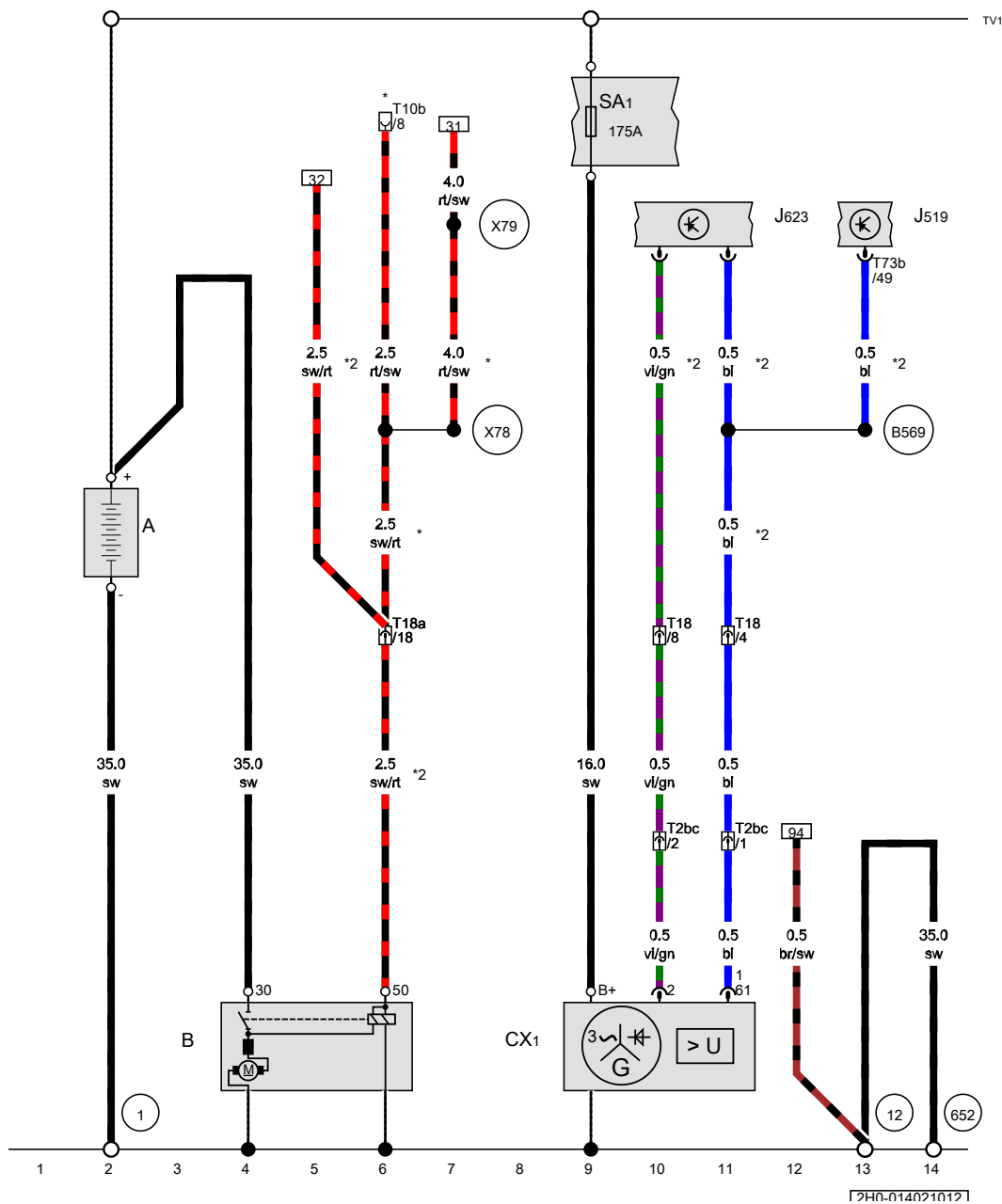
57 58 59 60 61 62 63 64 65 66 67 68 69 70

[240-013061112]

Fuse assignment

From December 2009

Battery, Starter, Alternator with voltage regulator, Fuse 1 in fuse holder A

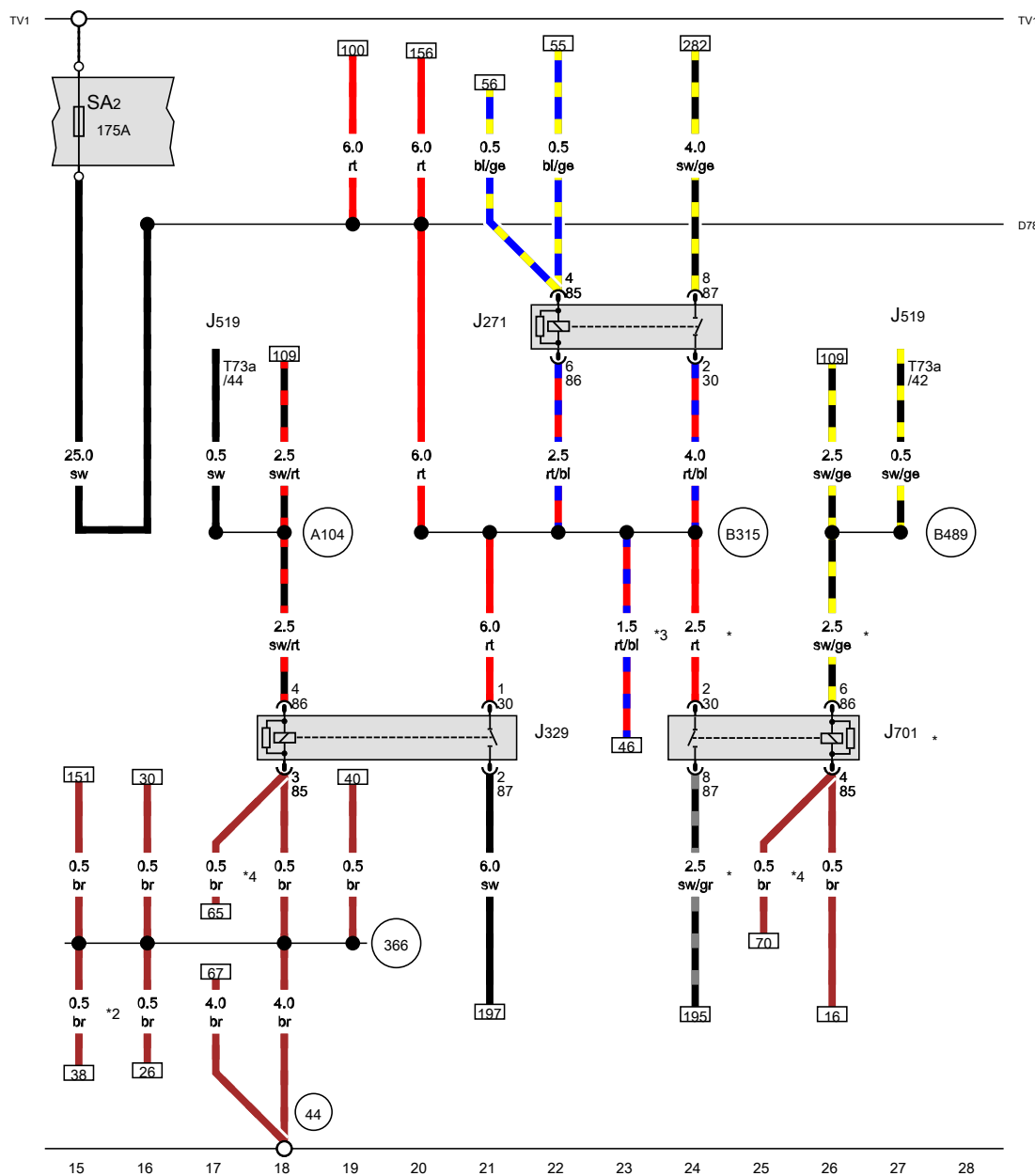


- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- T2bc 2-pin connector, black
- T10b 10-pin connector, in front centre console, yellow
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey
- T73b 73-pin connector

- 1 Earth strap, battery - body
- 12 Earth point, on left in engine compartment
- 652 Earth point, engine and gearbox earth
- B569 Connection 36, in main wiring harness
- X78 Connection 1, in optional equipment wiring harness
- X79 Connection 2, in optional equipment wiring harness

* Only models with electric interface for external use
 *2 see applicable current flow diagram for engine

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



Main relay, Terminal 15 voltage supply relay, Fuse 2 in fuse holder A

- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J701 Voltage supply relay 1
- SA2 Fuse 2 in fuse holder A
- T73a 73-pin connector

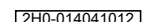
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

- * Only models with electric interface for external use
- *2 Up to May 2011
- *3 Only models with petrol engine
- *4 From November 2011

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

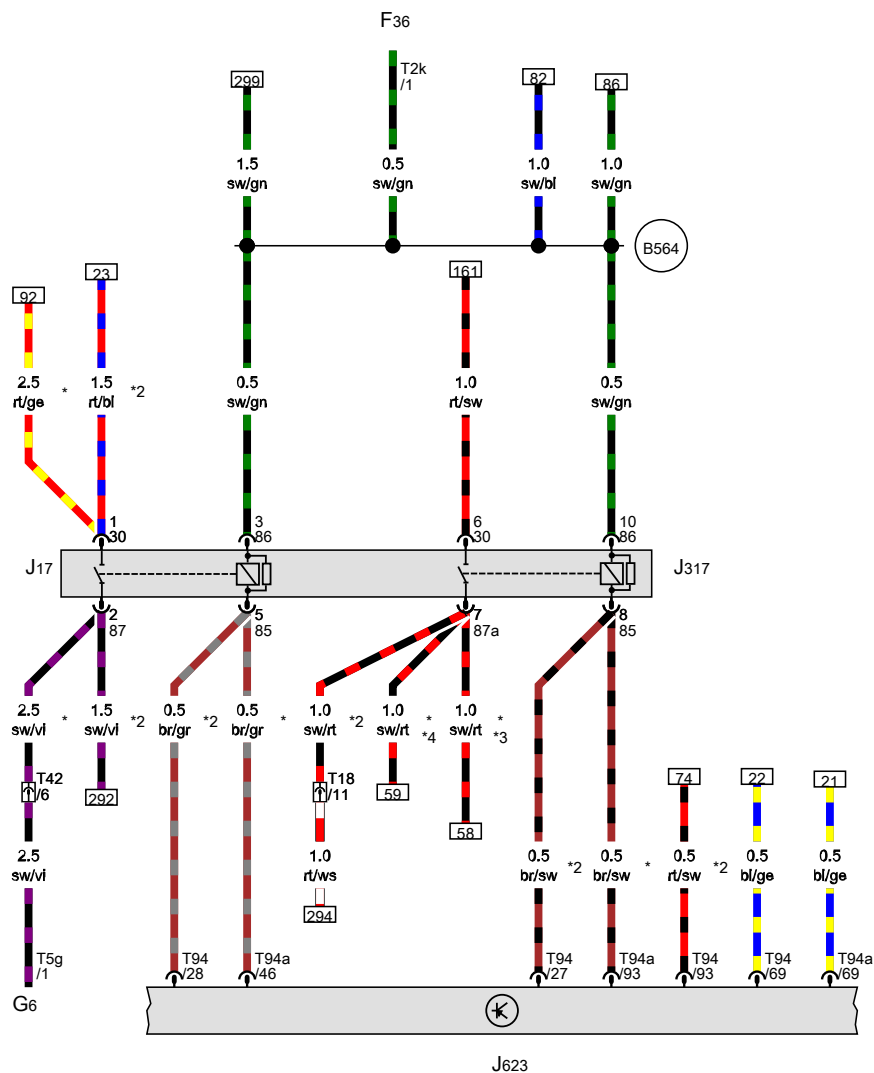
J16	Current supply relay
J53	Starter motor relay
J519	Onboard supply control unit
J710	Voltage supply relay 2
T73b	73-pin connector

- * Up to May 2011
*2 From May 2011
*3 see applicable current flow diagram for engine
*4 From November 2011



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

TV1



- F36 Clutch pedal switch
- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- T2k 2-pin connector
- T5g 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T42 42-pin connector, near handbrake lever, black
- T94 94-pin connector, black
- T94a 94-pin connector, black

B564 Connection 31, in main wiring harness

- * Only models with diesel engine
- *2 Only models with petrol engine
- *3 Only models with air conditioning system/ Climatronic
- *4 Only models with no air conditioning system/Climatronic

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

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

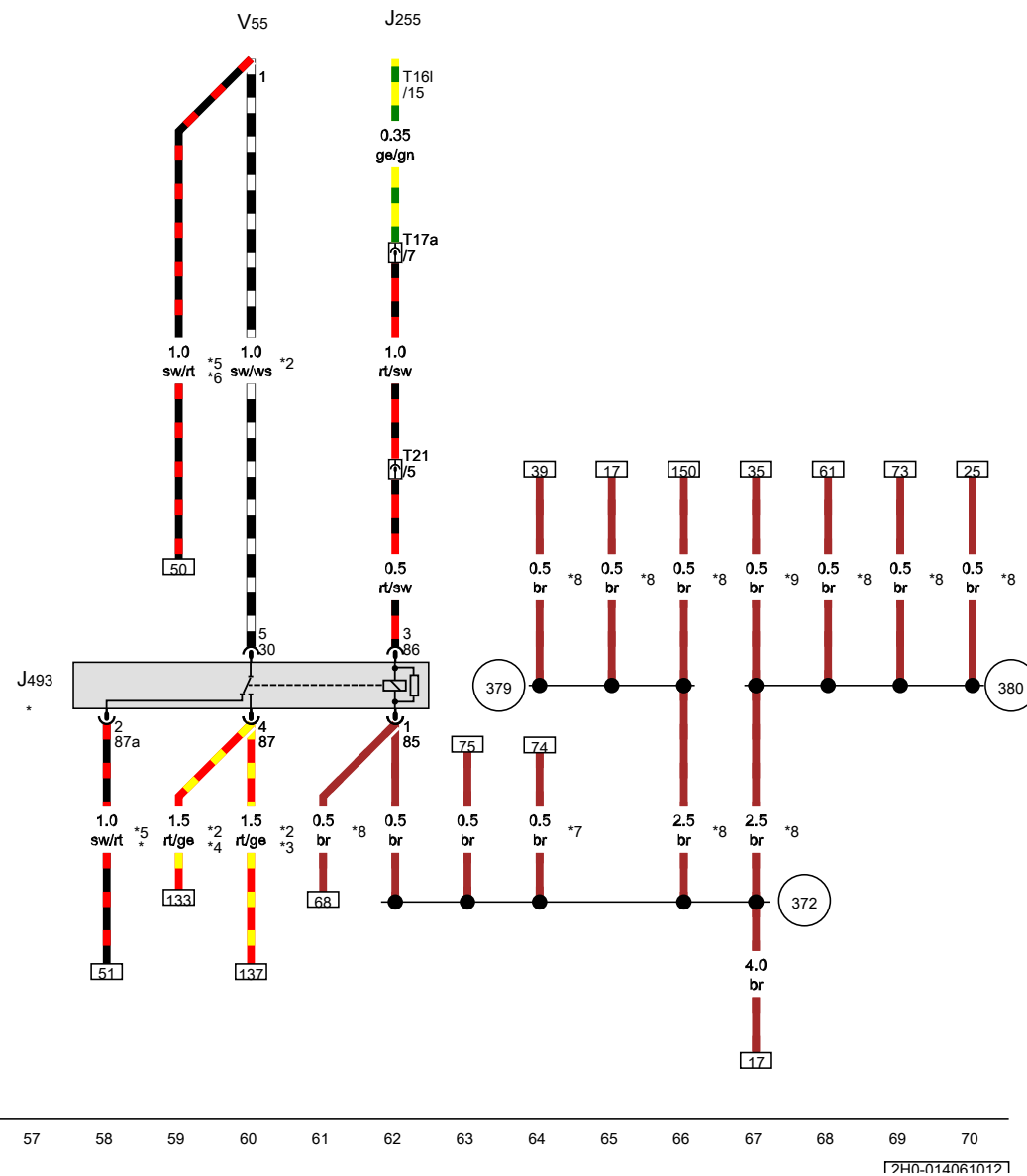
1710140510121

TV1

TV1

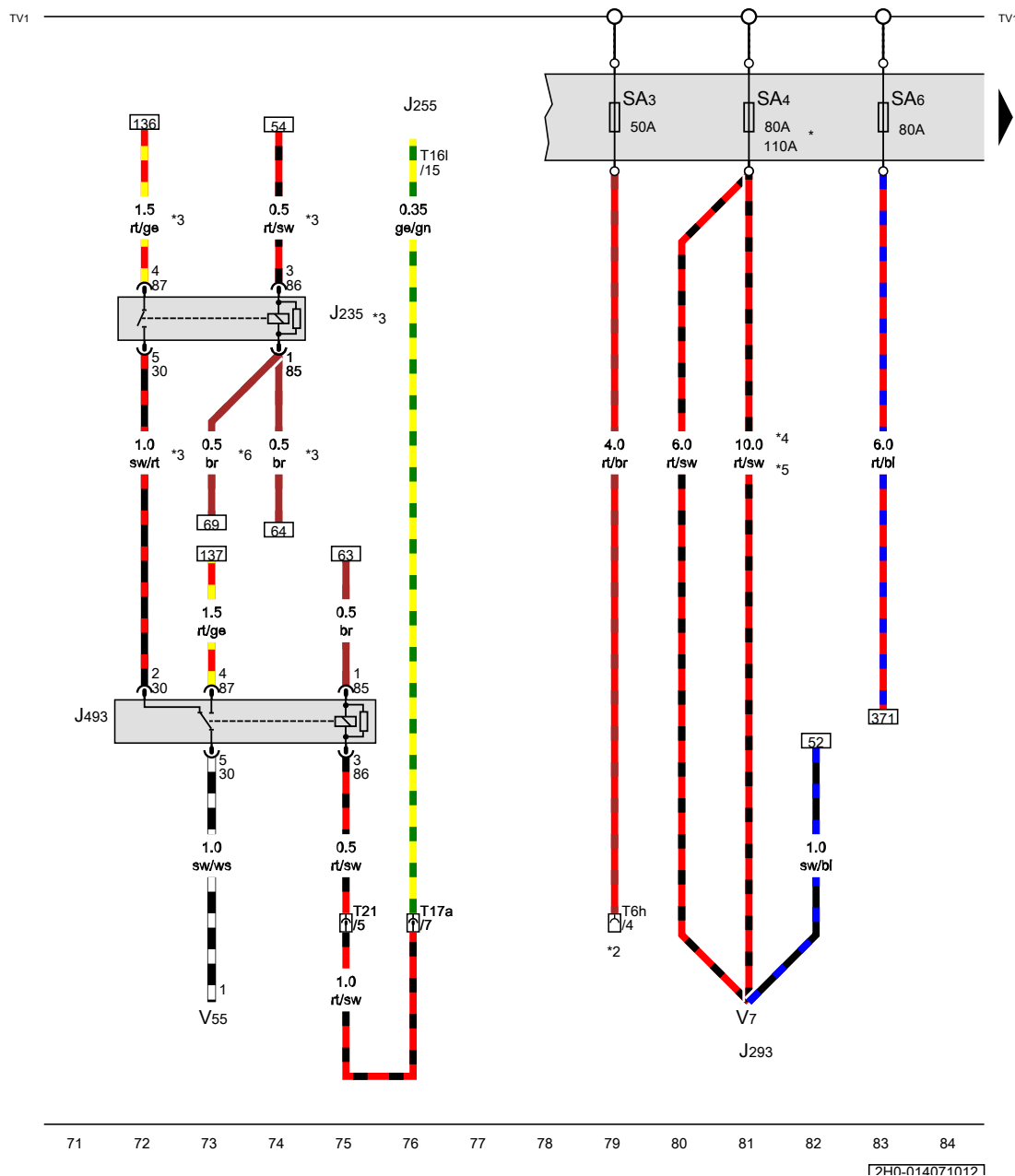
Auxiliary coolant heater relay, Circulation pump

- J255 Climatronic control unit
- J493 Auxiliary coolant heater relay
- T16l 16-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- V55 Circulation pump
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- * Only models with air conditioning system/ Climatronic
- *2 Only models with Climatronic
- *3 Only models with auxiliary coolant heater (supplementary heater)
- *4 Only models with no auxiliary coolant heater
- *5 Only models with diesel engine
- *6 Only models with no air conditioning system/Climatronic
- *7 Only models with petrol engine
- *8 From November 2011
- *9 From May 2011



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

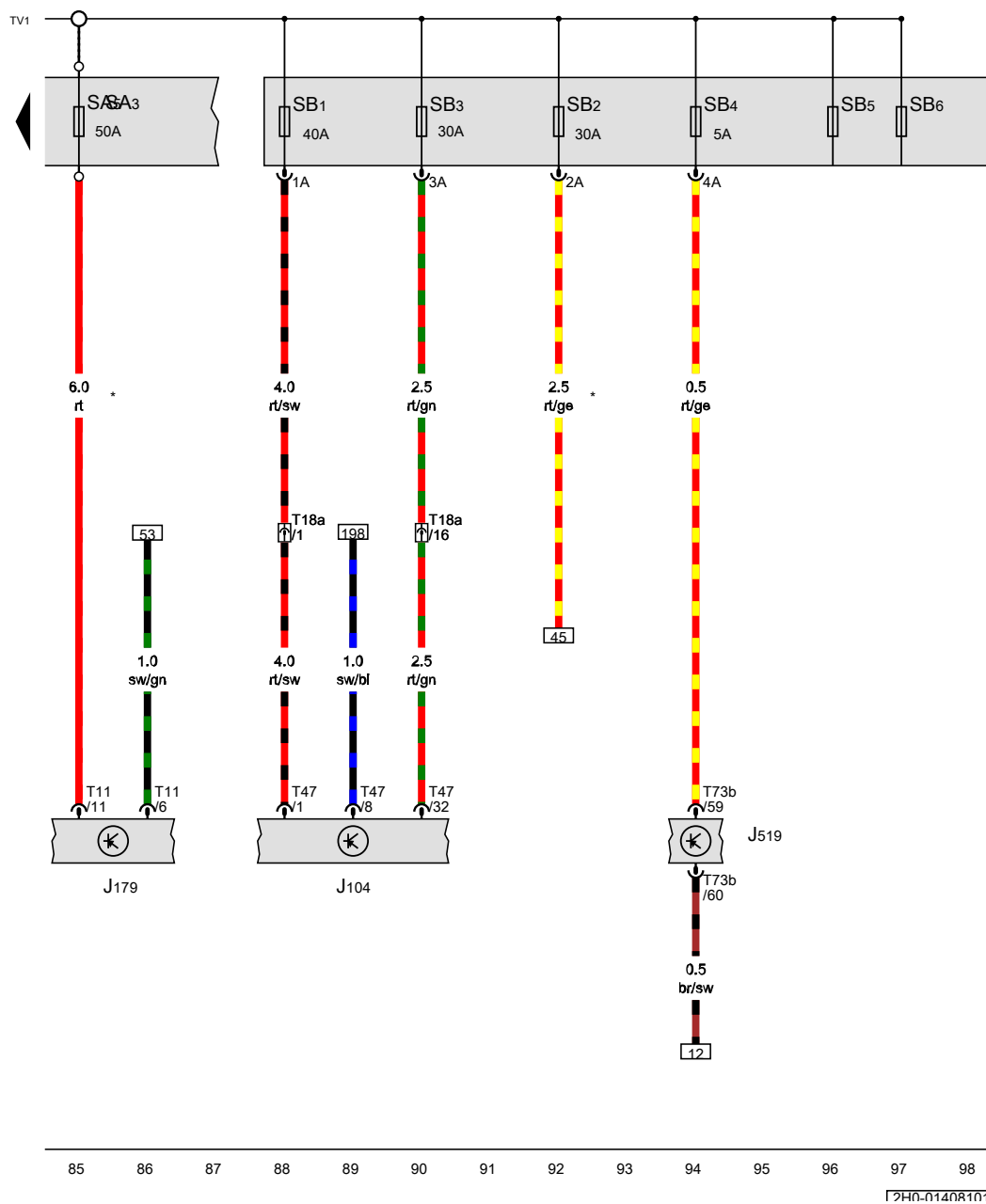
Fuse 3 in fuse holder A, Fuse 4 in fuse holder A, Fuse 6 in fuse holder A, Radiator fan, Circulation pump



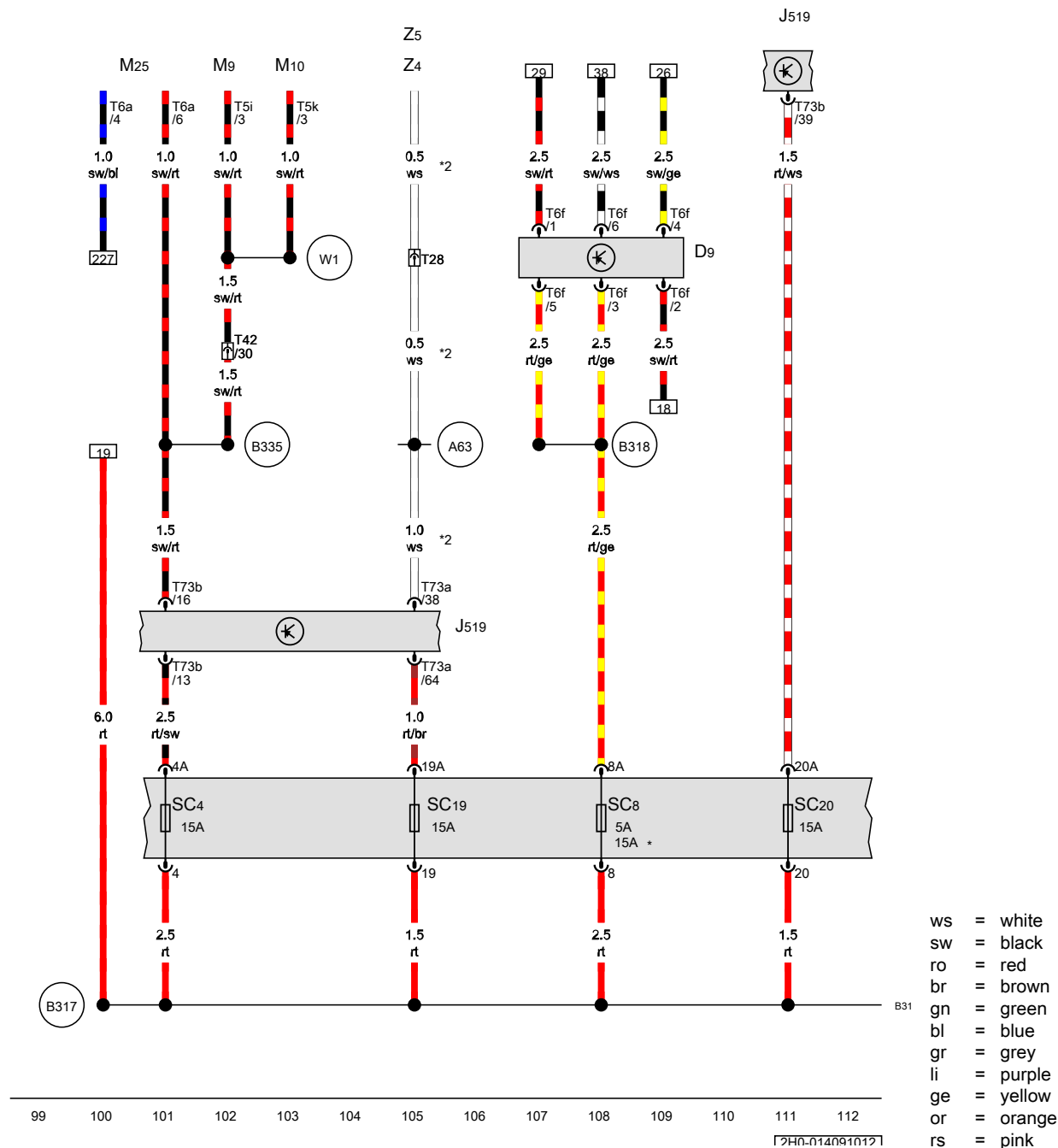
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

**ABS control unit, Automatic glow period control unit,
Onboard supply control unit, Fuse 1 on fuse holder B, Fuse
2 on fuse holder B, Fuse 3 in fuse holder A, Fuse 3 on fuse
holder B, Fuse 4 on fuse holder B, Fuse 5 in fuse holder A**

J104	ABS control unit
J179	Automatic glow period control unit
J519	Onboard supply control unit
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SA3	Fuse 3 in fuse holder A
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SA5	Fuse 5 in fuse holder A
SB6	Fuse 6 on fuse holder B
T11	11-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
T73b	73-pin connector
*	Only models with diesel engine



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



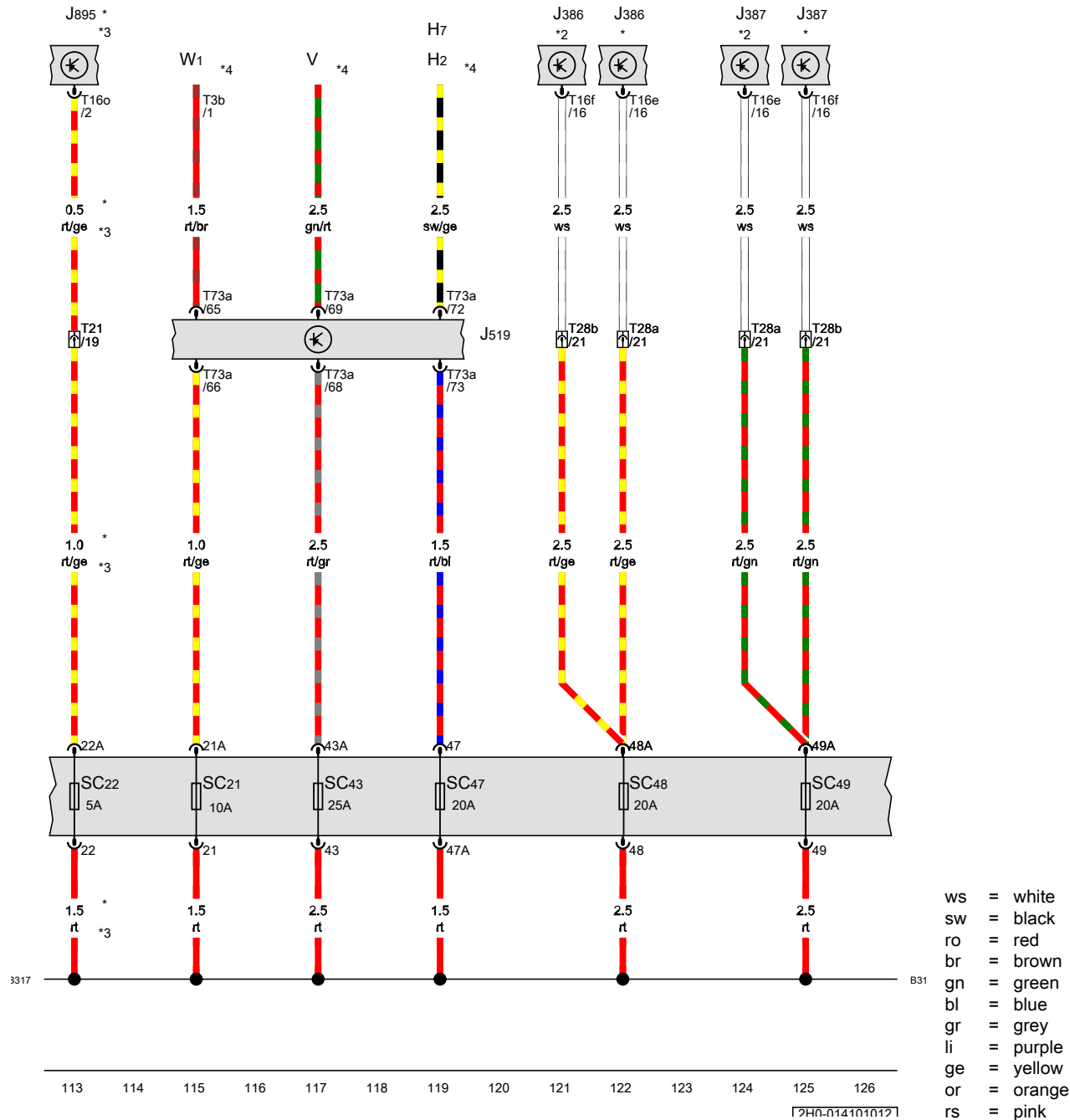
Electronic ignition lock, Left brake light bulb, Right brake light bulb, Additional brake light bulb, Heated exterior mirror on driver side, Heated exterior mirror on front passenger side

D9	Electronic ignition lock
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC4	Fuse 4 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T5i	5-pin connector
T5k	5-pin connector
T6a	6-pin connector
T6f	6-pin connector, black
T28	28-pin connector, near A-pillar, grey
T42	42-pin connector, near handbrake lever, black
T73a	73-pin connector, black
T73b	73-pin connector
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	From May 2011
*2	see applicable current flow diagram for window regulators/ basic equipment/ convenience system

* From May 2011

*2 see applicable current flow diagram for window regulators/ basic equipment/ convenience system

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



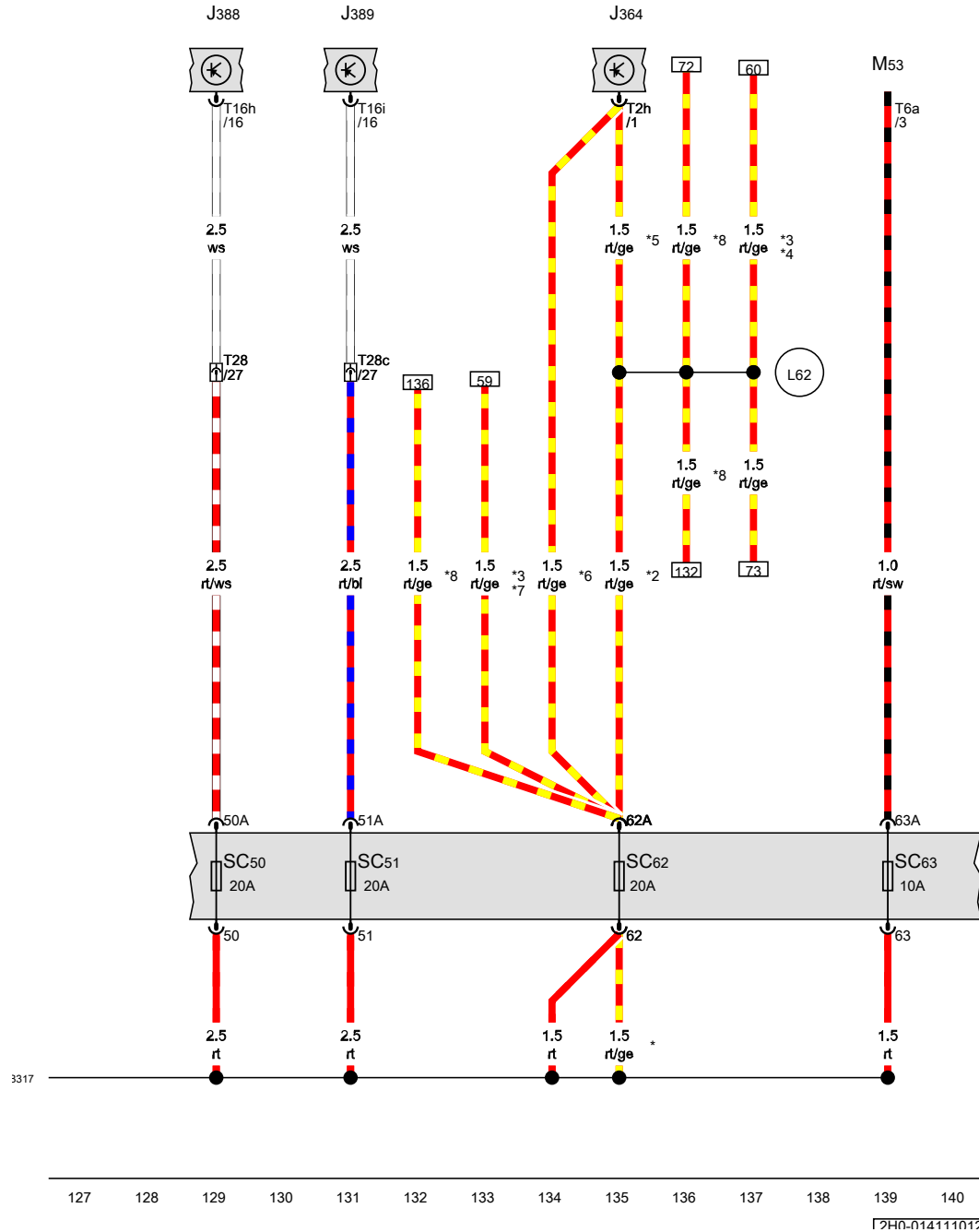
Treble horn, Driver door control unit, Front passenger door control unit, Control unit for vehicle location system, Windscreen wiper motor, Front interior light

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- J895 Control unit for vehicle location system
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3b 3-pin connector
- T16e 16-pin connector, black
- T16f 16-pin connector
- T16o 16-pin connector, brown
- T21 21-pin connector, on relay carrier, blue
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- V Windscreen wiper motor
- W1 Front interior light

B317 Positive connection 3 (30a) in main wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Country specific
- *4 see applicable current flow diagram for basic equipment

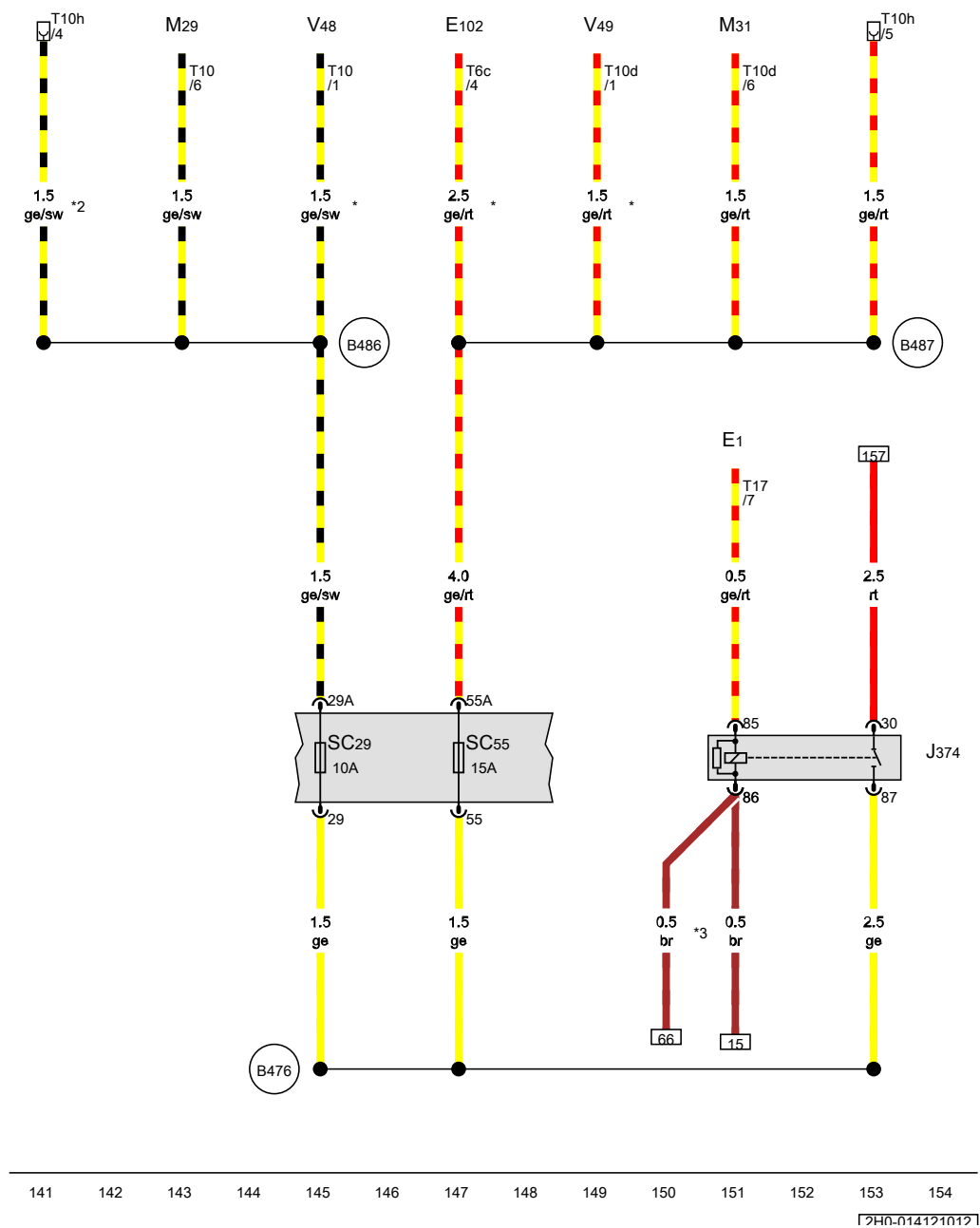
Auxiliary heater control unit, Rear left door control unit, Rear right door control unit, Load area illumination bulb



- J364 Auxiliary heater control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- M53 Load area illumination bulb
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T2h 2-pin connector
- T6a 6-pin connector
- T16h 16-pin connector
- T16i 16-pin connector
- T28 28-pin connector, near A-pillar, grey
- T28c 28-pin connector
- B317 Positive connection 3 (30a) in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only right-hand drive models
- *2 Only models with air conditioning system/ Climatronic
- *3 Only models with Climatronic
- *4 Only models with auxiliary coolant heater (supplementary heater)
- *5 Only models with air conditioning system
- *6 Only models with no air conditioning system/Climatronic
- *7 Only models with no auxiliary coolant heater
- *8 Only models with petrol engine

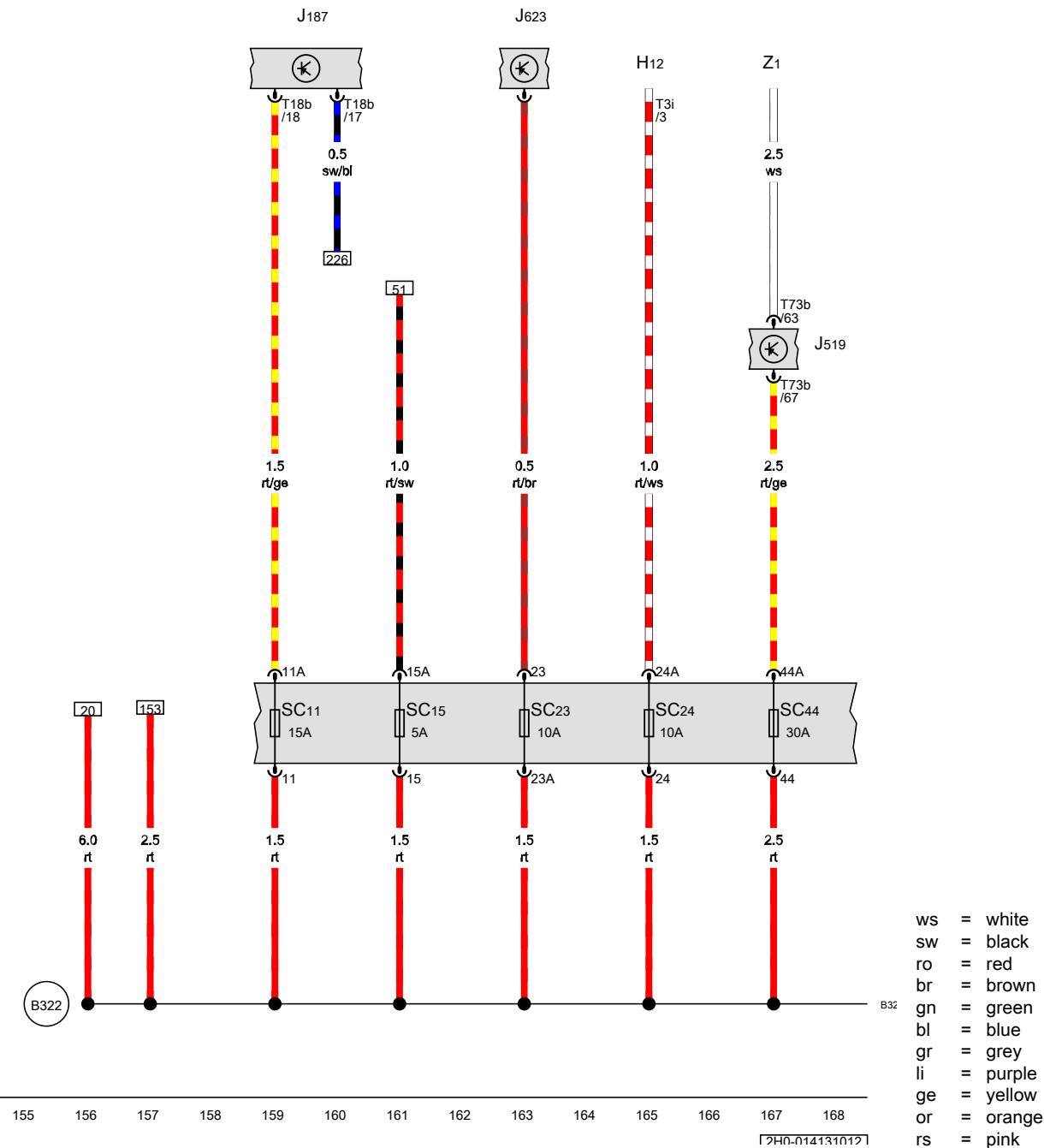
Left headlight dipped beam bulb, Right headlight dipped beam bulb, Left headlight range control motor, Right headlight range control motor

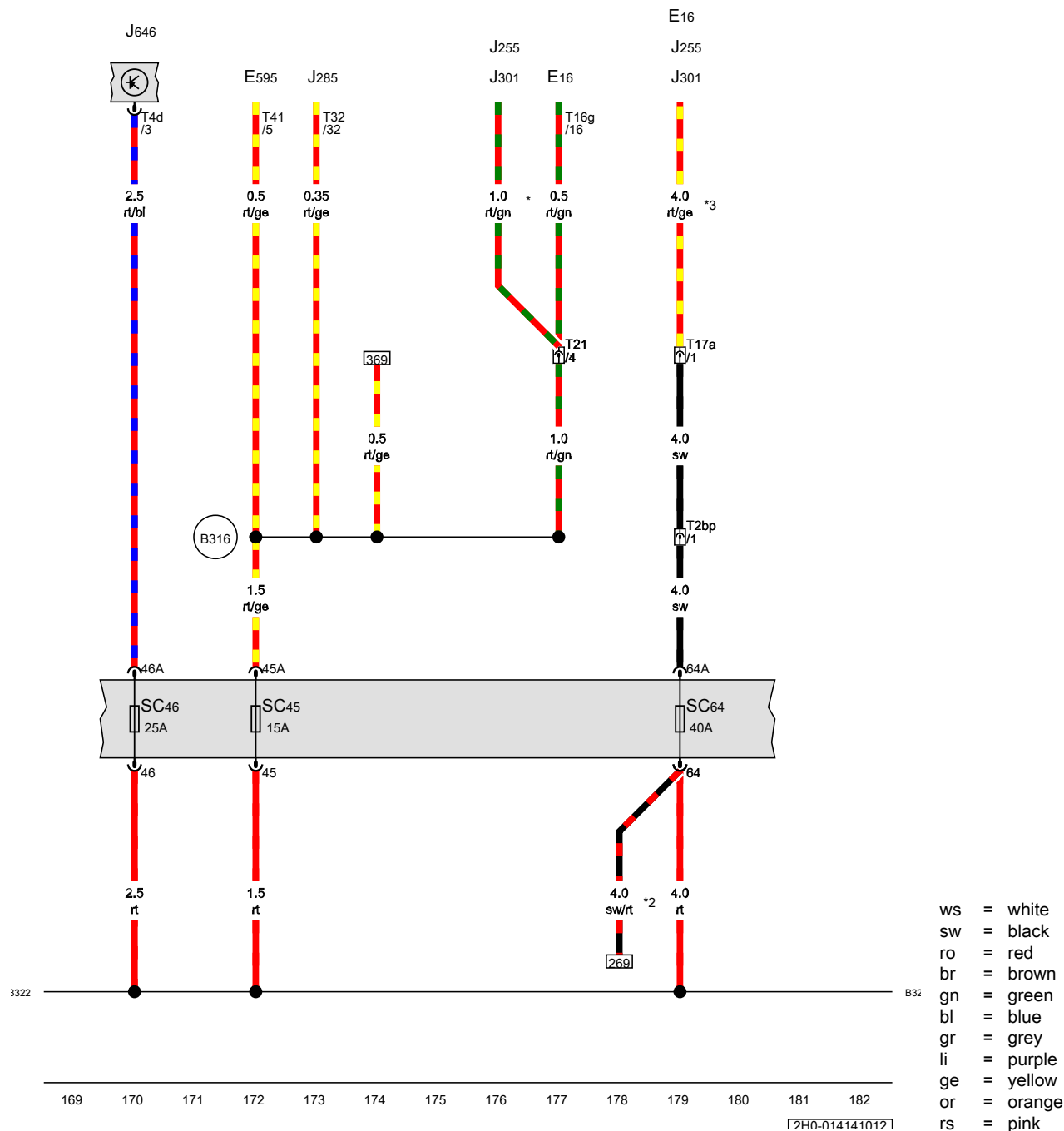
- E1 Light switch
- E102 Headlight range control regulator
- J374 Terminal 58b relief relay
- M29 Left headlight dipped beam bulb
- M31 Right headlight dipped beam bulb
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T6c 6-pin connector
- T10 10-pin connector
- T10d 10-pin connector
- T10h 10-pin connector, in front centre console, purple
- T17 17-pin connector
- V48 Left headlight range control motor
- V49 Right headlight range control motor
- B476 Connection 12, in main wiring harness
- B486 Connection 22, in main wiring harness
- B487 Connection 23, in main wiring harness
- * Only models with headlight range control
- *2 Only models with electric interface for external use
- *3 From November 2011



Alarm horn, Differential lock control unit, Engine control unit,
Heated rear window

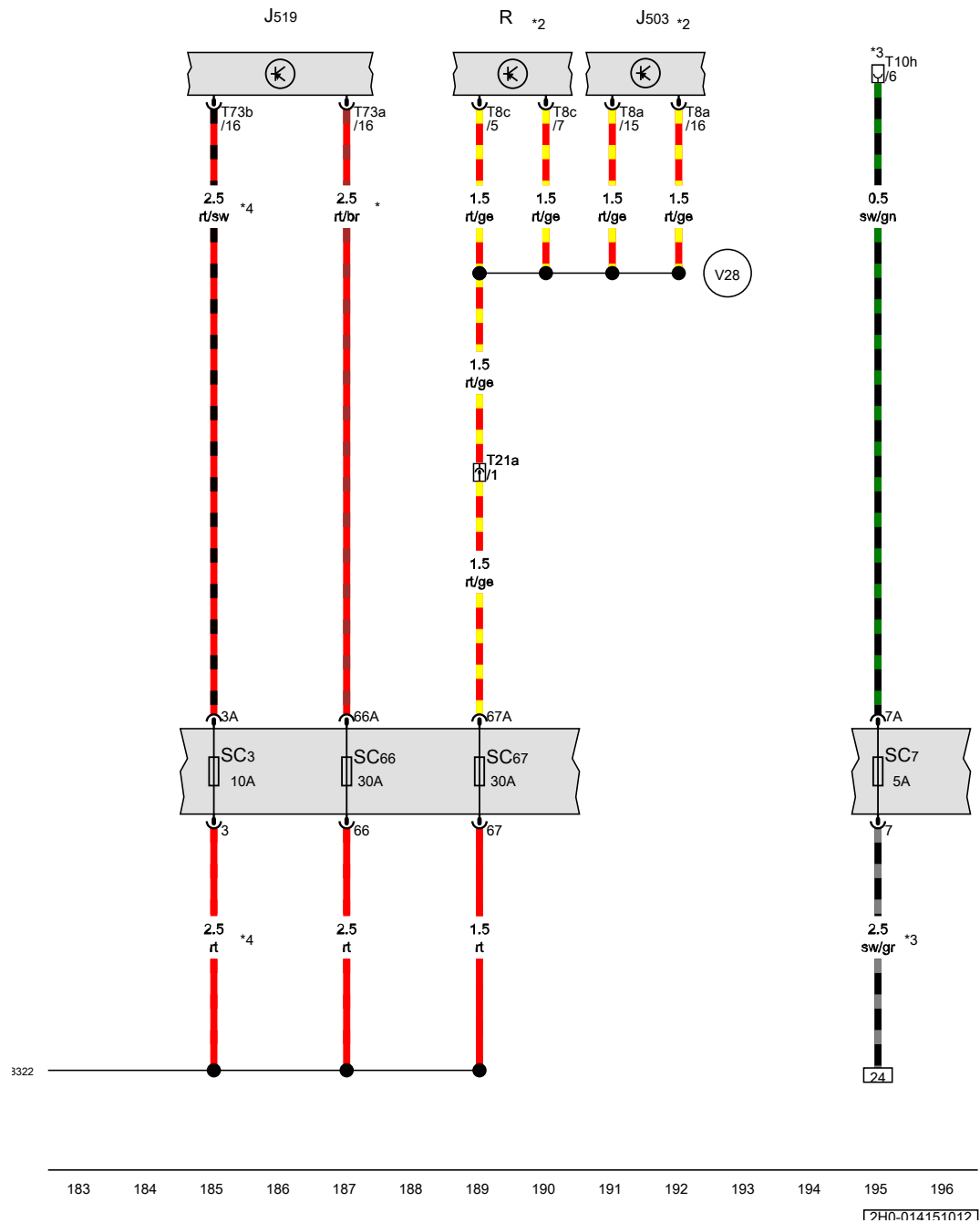
- H12 Alarm horn
- J187 Differential lock control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- SC11 Fuse 11 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T3i 3-pin connector
- T18b 18-pin connector
- T73b 73-pin connector
- Z1 Heated rear window
- B322 Positive connection 8 (30a) in main wiring harness





Steering column combination switch, Control unit in dash panel insert, Transfer box control unit

- E16 Heater/heat output switch
- E595 Steering column combination switch
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- J646 Transfer box control unit
- SC45 Fuse 45 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- T2bp 2-pin connector
- T4d 4-pin connector
- T16g 16-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- B316 Positive connection 2 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- * see applicable current flow diagram for air conditioning
- *2 Only models with Climatic
- *3 see applicable current flow diagram



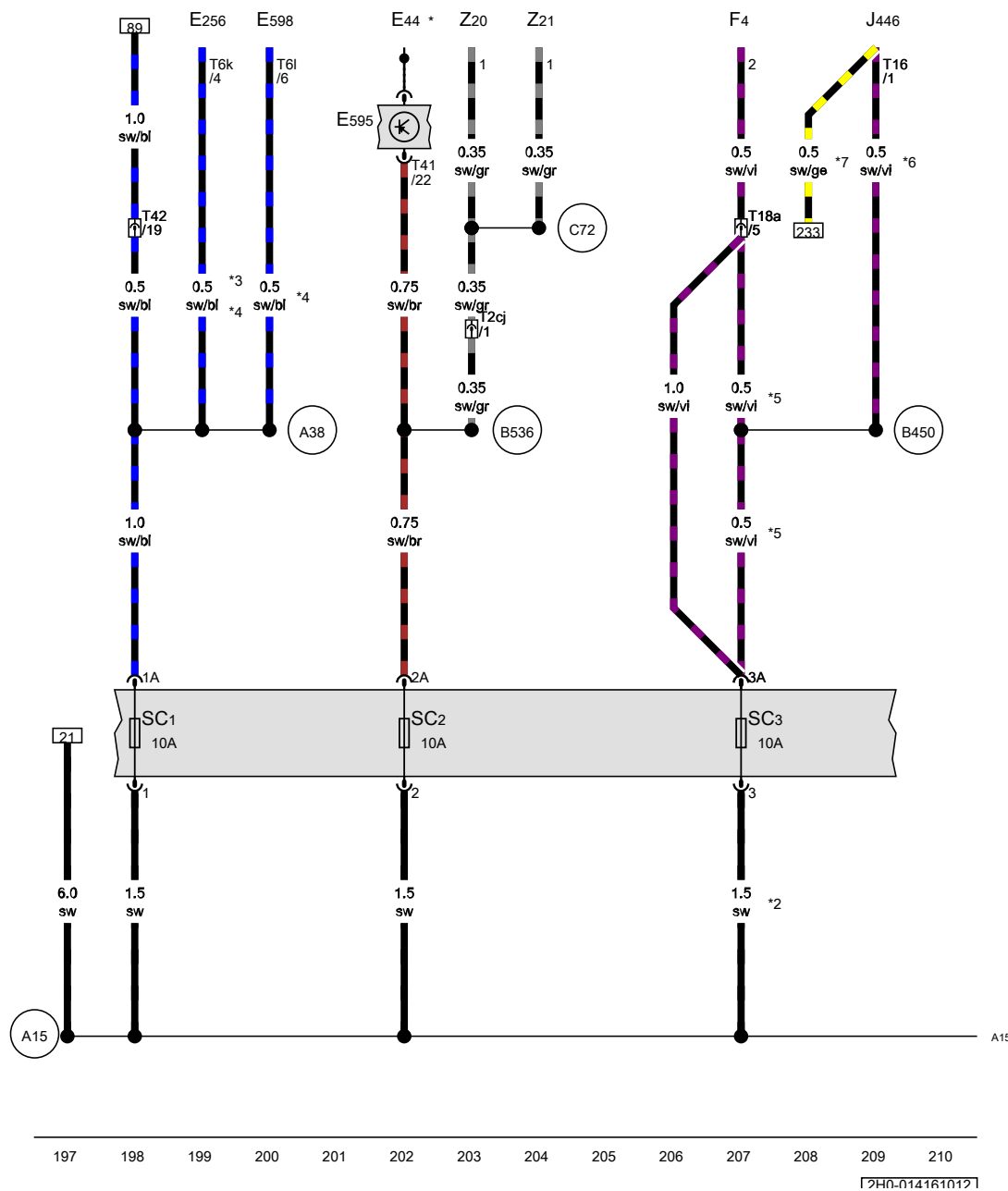
Control unit with display for radio and navigation, Onboard supply control unit, Radio, Fuse 3 on fuse holder C, 10-pin connector

- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- R Radio
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC66 Fuse 66 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T8c 8-pin connector, black
- T10h 10-pin connector, in front centre console, purple
- T21a 21-pin connector, on relay carrier
- T73a 73-pin connector
- T73b 73-pin connector

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

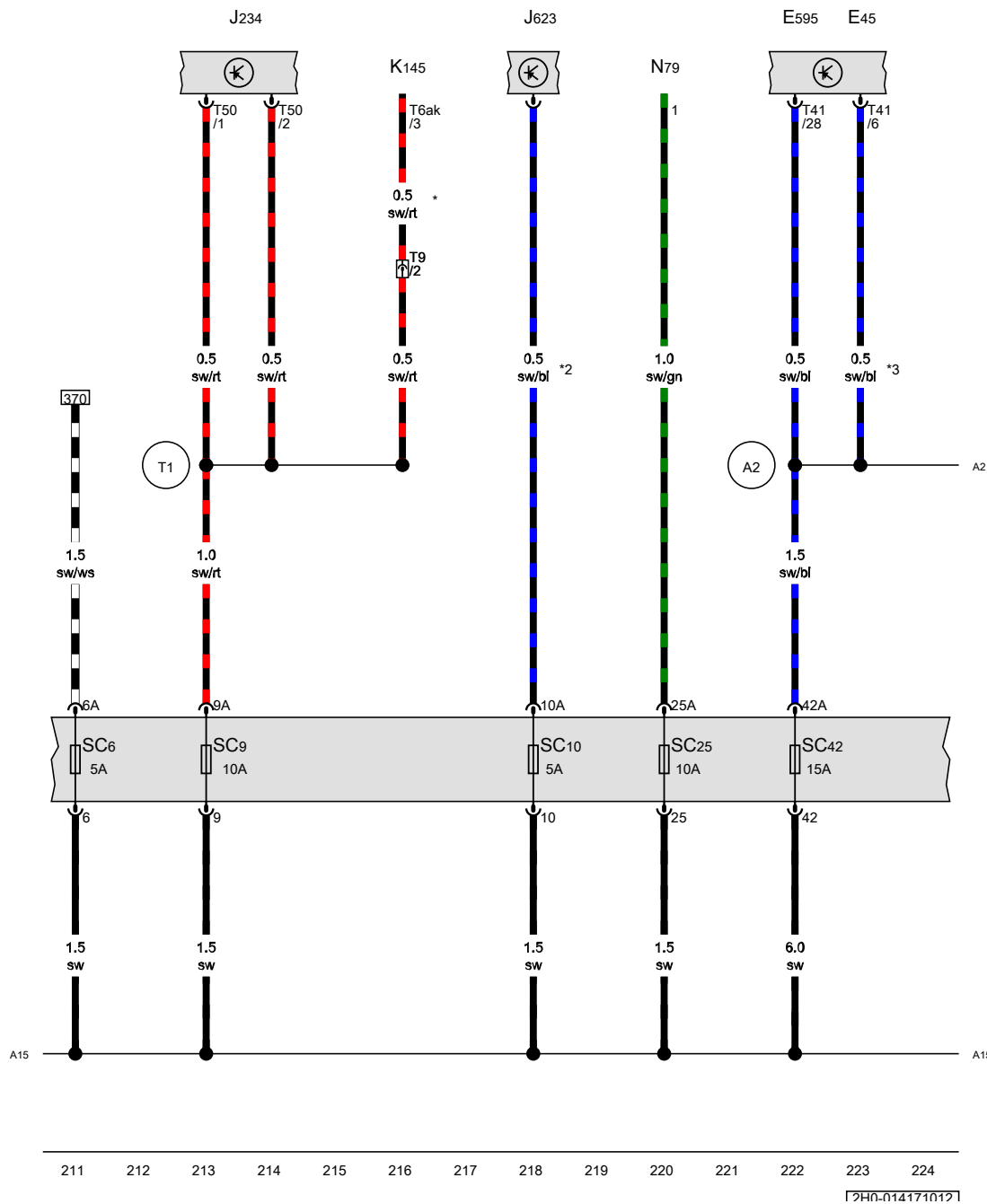
V28 Connection 1, in radio wiring harness

- * see applicable current flow diagram for basic equipment/ central locking
- *2 According to equipment
- *3 Only models with electric interface for external use
- *4 Only models with automatic gearbox



Washer pump switch (automatic wash/wipe and headlight washer system), TCS and ESP button, Steering column combination switch, Driving program button, Reversing light switch, Left washer jet heater element

- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E256 TCS and ESP button
- E595 Steering column combination switch
- E598 Driving program button
- F4 Reversing light switch
- J446 Parking aid control unit
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- T2cj 2-pin connector, near window wiper motor, black
- T6k 6-pin connector, black
- T6l 6-pin connector, red
- T16 16-pin connector, brown
- T18a 18-pin connector, near engine control unit, grey
- T41 41-pin connector
- T42 42-pin connector, near handbrake lever, black
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- A15 Positive connection (15), in instrument wiring harness
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B450 Connection 1 (PDC), in main wiring harness
- B536 Connection 27, in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * see applicable current flow diagram for basic equipment
- *2 Only models with manual gearbox
- *3 Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL)
- *4 with auxiliary drive (part time)
- *5 Only models with parking aid (PDC)
- *6 Only models with no automatic gearbox
- *7 Only models with automatic gearbox



Cruise control system switch, Steering column combination switch, Airbag control unit, Engine control unit, Front passenger side airbag deactivated warning lamp, Heater element for crankcase breather, Fuse 42 on fuse holder C

- E45 Cruise control system switch
- E595 Steering column combination switch
- J234 Airbag control unit
- J623 Engine control unit
- K145 Front passenger side airbag deactivated warning lamp
- N79 Heater element for crankcase breather
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T6ak 6-pin connector, white
- T9 9-pin connector, on relay carrier, yellow
- T41 41-pin connector, grey
- T50 50-pin connector, black

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

A15 Positive connection (15), in instrument wiring harness

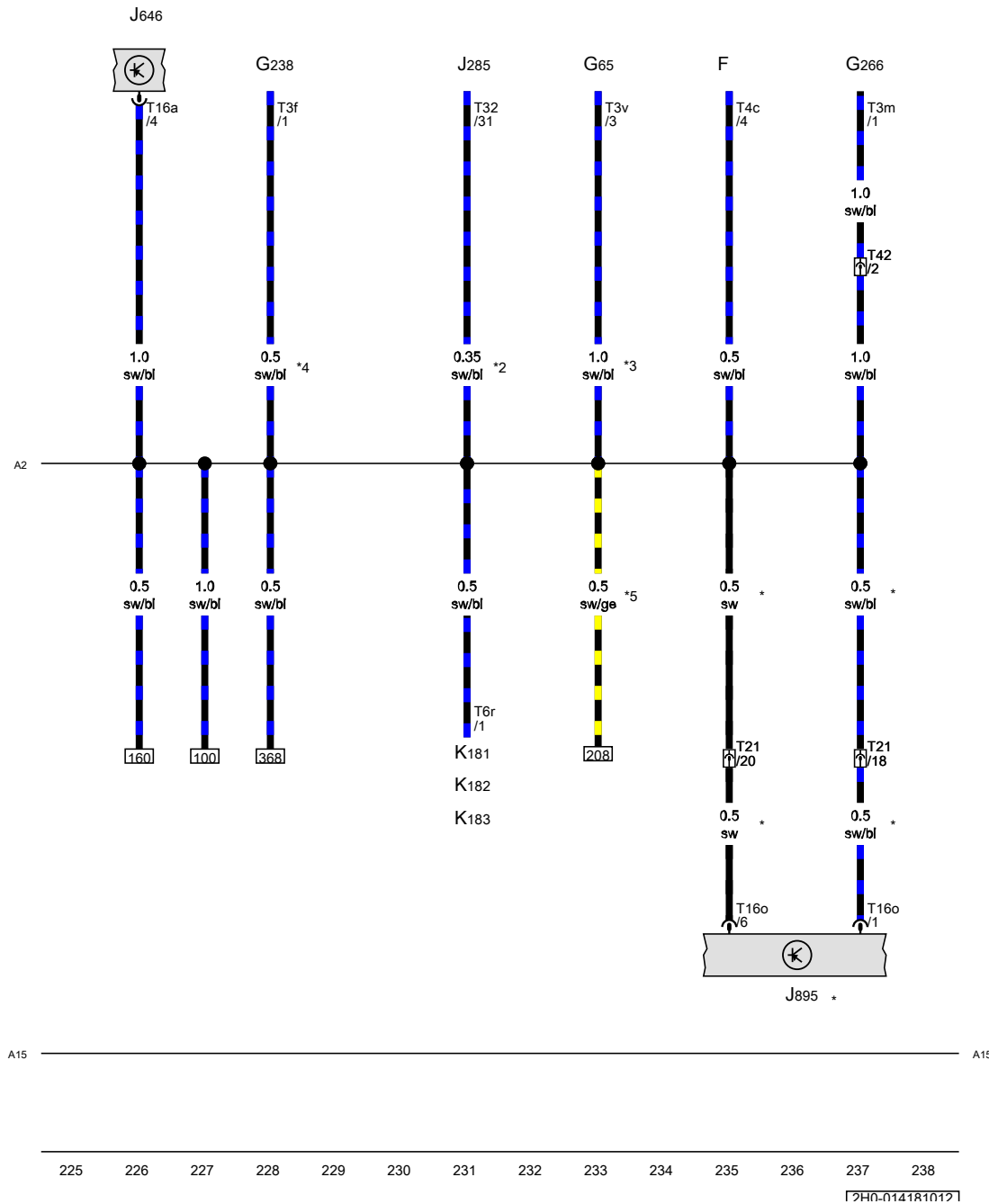
T1 Positive connection 1, in airbag wiring harness

* Only models with key operated switch to deactivate front passenger airbag

*2 see applicable current flow diagram for engine

*3 Only models with cruise control system (CCS)

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



Brake light switch, Oil level and oil temperature sender, Control unit in dash panel insert, Transfer box control unit, Control unit for vehicle location system, Normal operation warning lamp in transfer box operating unit

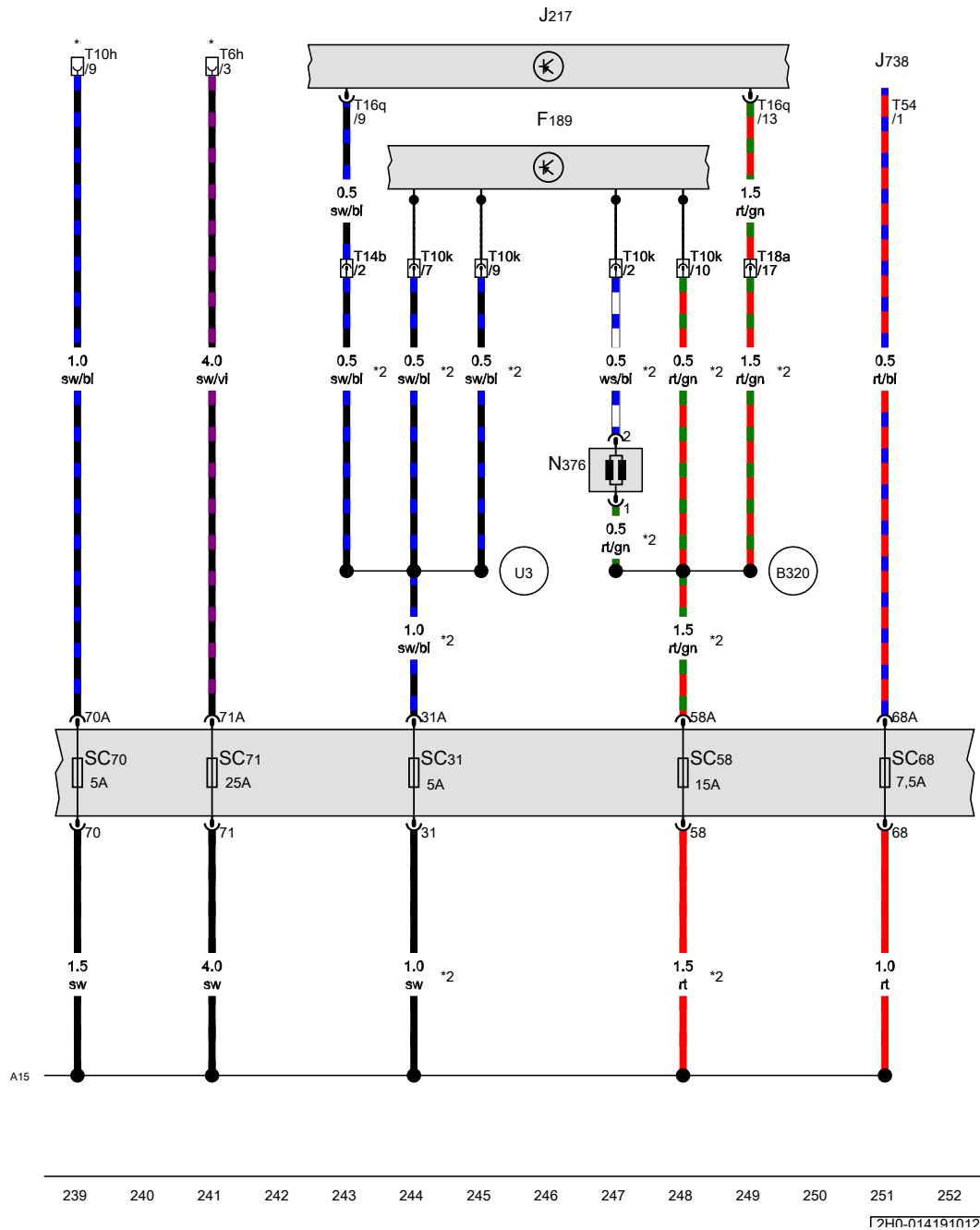
- F Brake light switch
- G65 High-pressure sender
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J646 Transfer box control unit
- J895 Control unit for vehicle location system
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit
- K183 Inter-axe lock-up warning lamp in transfer box operating unit
- T3f 3-pin connector, grey
- T3m 3-pin connector, black
- T3v 3-pin connector, black
- T4c 4-pin connector, black
- T6r 6-pin connector, brown
- T16a 16-pin connector, brown
- T16o 16-pin connector
- T21 21-pin connector, on relay carrier, blue
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black

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

A15 Positive connection (15), in instrument wiring harness

- * Only left-hand drive models
- *2 According to equipment
- *3 Only models with air conditioning system/ Climatronic
- *4 Only models with Climatronic
- *5 Only models with automatic gearbox

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Tiptronic switch, Automatic gearbox control unit, Telephone controls control unit, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C, 6-pin connector, 10-pin connector

- F189 Tiptronic switch
- J217 Automatic gearbox control unit
- J738 Telephone controls control unit
- N376 Ignition key withdrawal lock solenoid
- SC31 Fuse 31 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- SC70 Fuse 70 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in front centre console, black
- T10h 10-pin connector, in front centre console, purple
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T14b 14-pin connector, near battery, black
- T16q 16-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T54 54-pin connector

- A15 Positive connection (15), in instrument wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * Only models with electric interface for external use
- *2 Only models with automatic gearbox

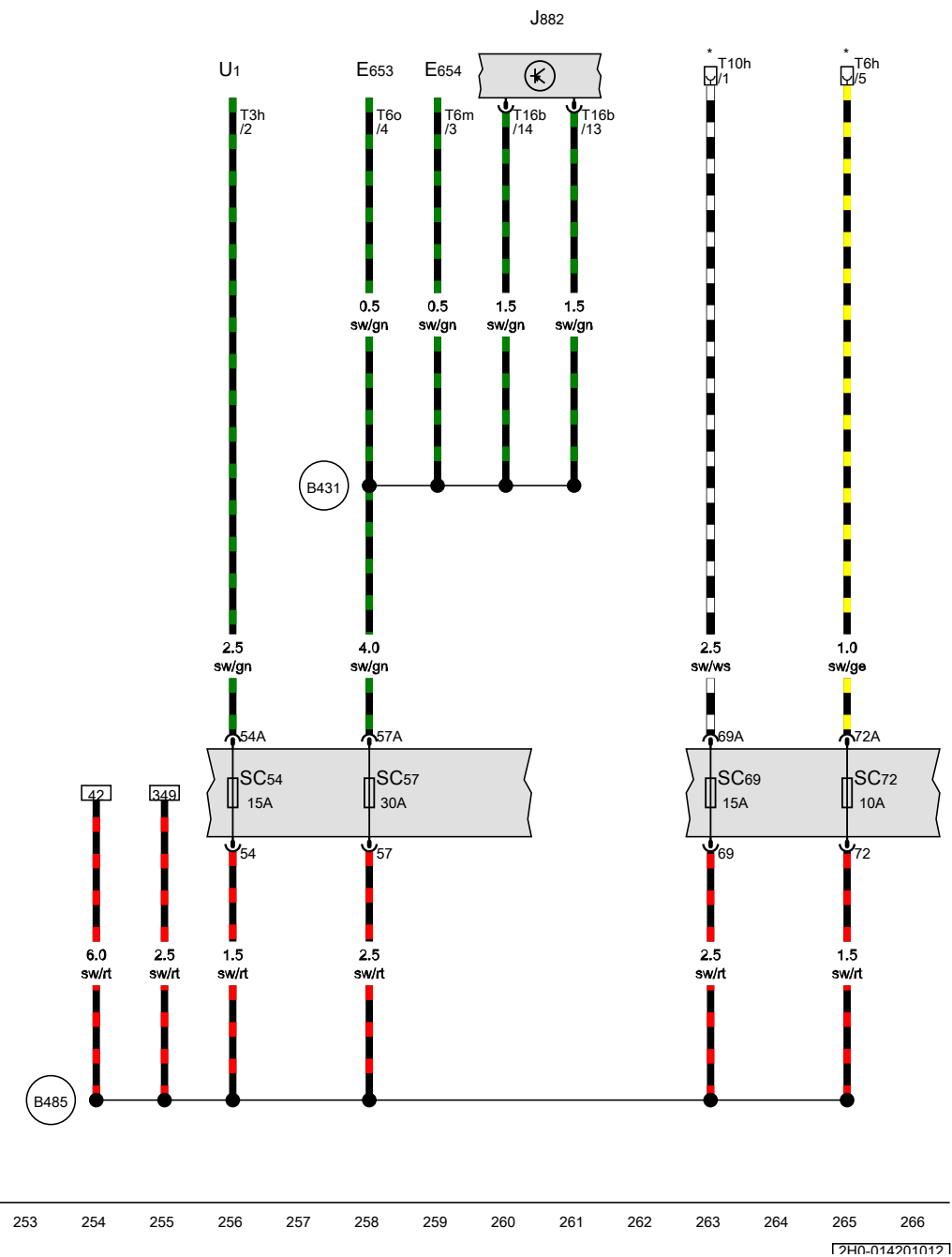
Button for left seat heating, Button for right seat heating,
Seat heating control unit, 10-pin connector, Cigarette lighter

- E653 Button for left seat heating
- E654 Button for right seat heating
- J882 Seat heating control unit
- SC54 Fuse 54 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T3h 3-pin connector
- T6h 6-pin connector, in front centre console, black
- T6m 6-pin connector, white
- T6o 6-pin connector, blue
- T10h 10-pin connector, in front centre console, purple
- T16b 16-pin connector, black
- U1 Cigarette lighter

B431 Connection (seat heating), in main wiring harness

B485 Connection 21, in main wiring harness

* Only models with electric interface for external use



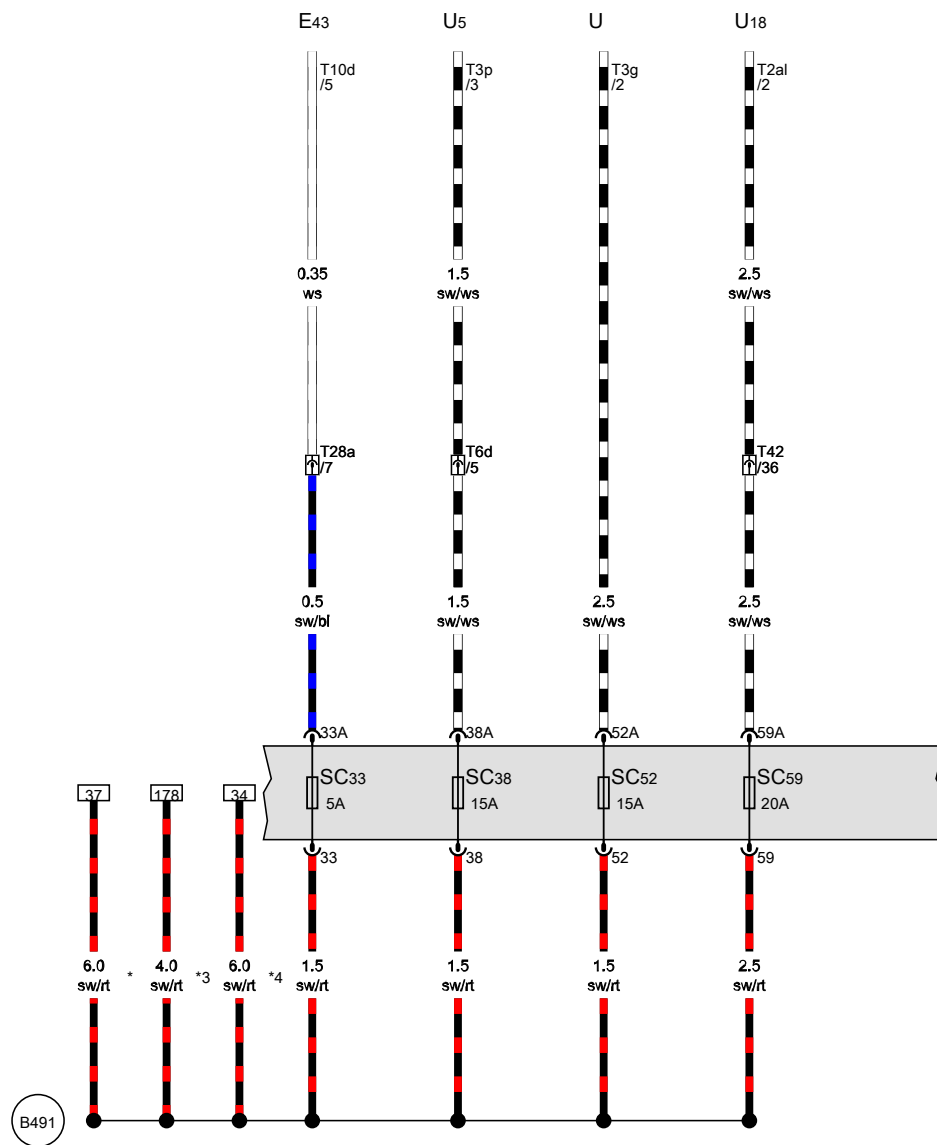
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- rs = pink

Mirror adjustment switch, Electric socket, 12 V socket

- E43 Mirror adjustment switch
- SC33 Fuse 33 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T2al 2-pin connector
- T3g 3-pin connector
- T3p 3-pin connector
- T6d 6-pin connector, on relay carrier
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar
- T42 42-pin connector, near handbrake lever, black
- U Electric socket
- U5 12 V socket
- U18 12 V socket 2

B491 Positive connection (75), in interior wiring harness

- * Up to May 2011
- *2 see applicable current flow diagram for basic equipment
- *3 Only models with Climatic
- *4 From May 2011



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

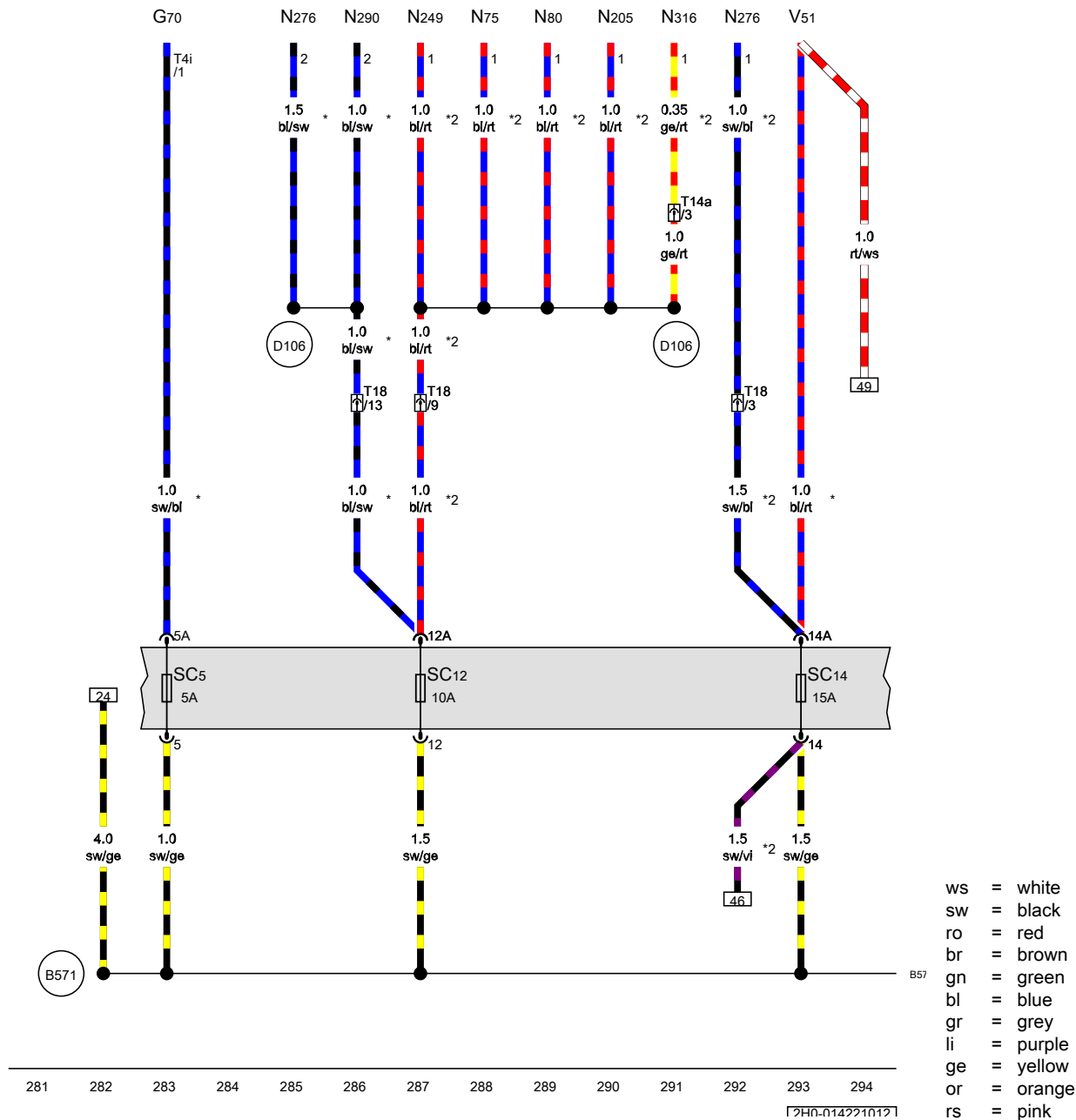
Air mass meter, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap valve, Continued coolant circulation pump

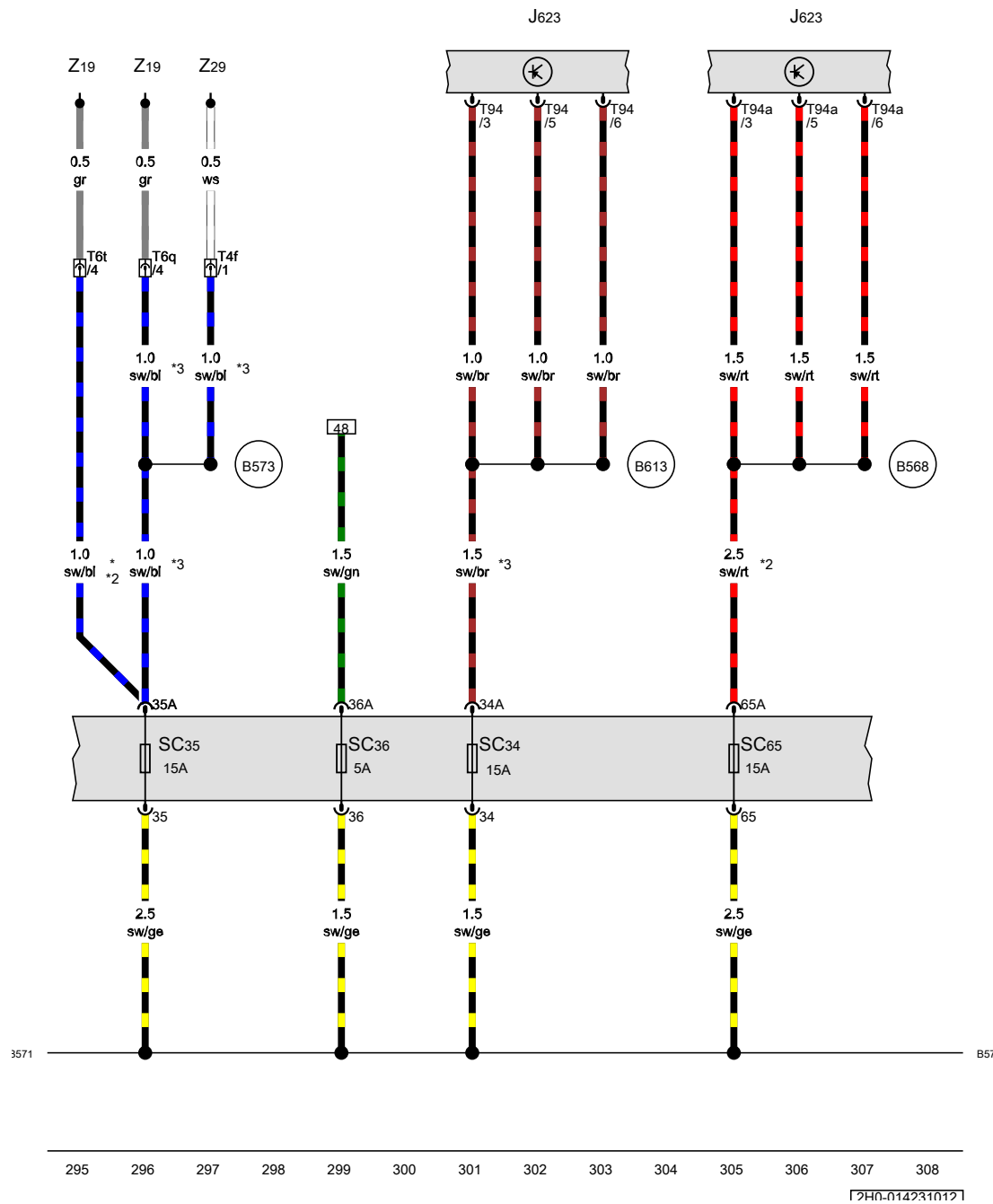
G70	Air mass meter
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N316	Intake manifold flap valve
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC14	Fuse 14 on fuse holder C
T4i	4-pin connector, black
T14a	14-pin connector, front left in engine compartment
T18	18-pin connector, near engine control unit, black
V51	Continued coolant circulation pump

- (B571) Connection 38, in main wiring harness

- (D106) Connection 4 in engine compartment wiring harness

- * Only models with diesel engine
*2 Only models with petrol engine





Engine control unit, Lambda probe heater

- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T4f 4-pin connector, front right in engine compartment
- T6q 6-pin connector, front right in engine compartment
- T6t 6-pin connector, front right in engine compartment, black
- T94 94-pin connector
- T94a 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

B568 Connection 35, in main wiring harness

B571 Connection 38, in main wiring harness

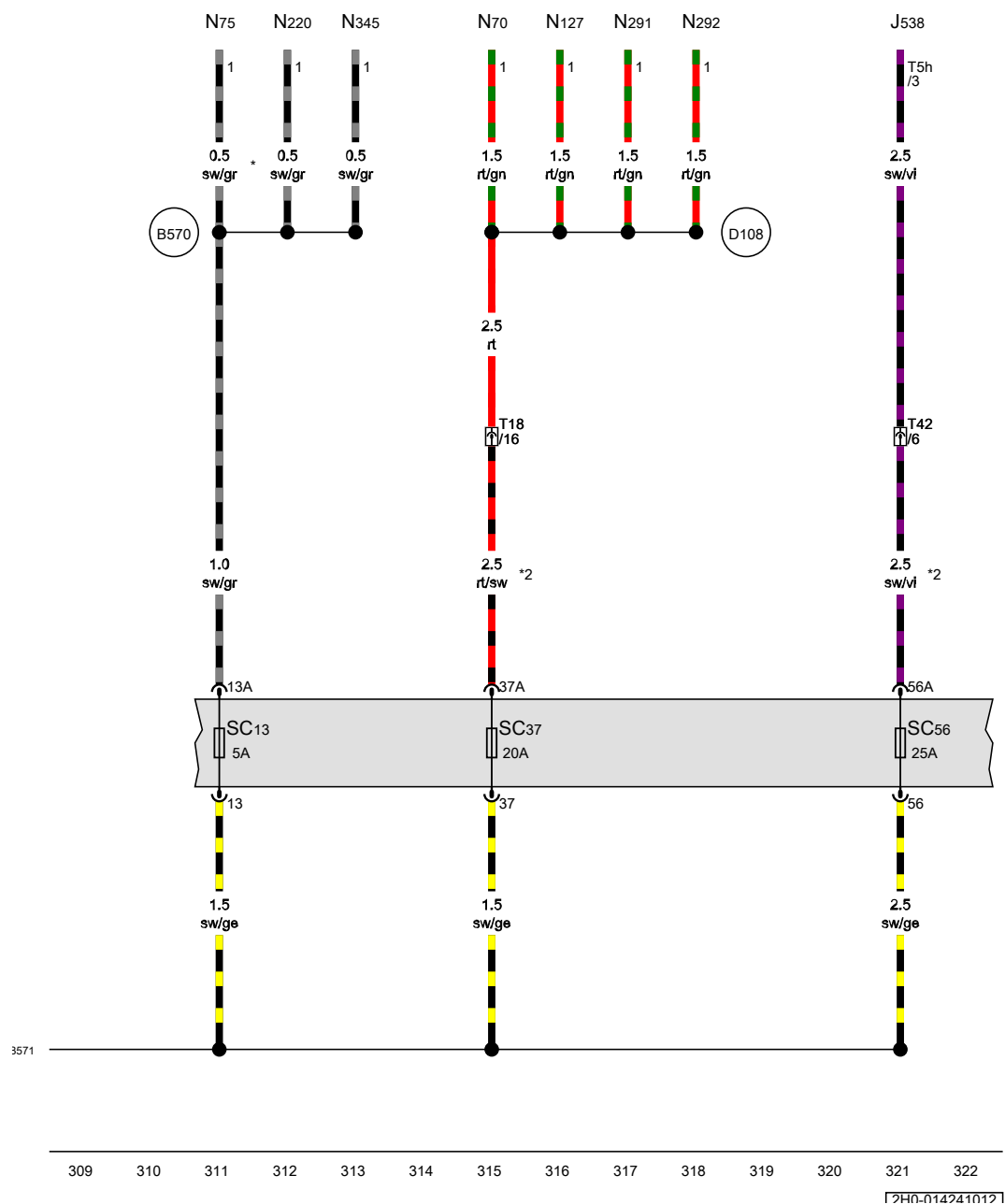
B573 Connection 40, in main wiring harness

B613 Connection 41, in main wiring harness

* Only models with Euro 5 emission standard

*2 Only models with diesel engine

*3 Only models with petrol engine



Fuel pump control unit, Ignition coil 1 with output stage, Charge pressure control solenoid valve, Ignition coil 2 with output stage, Exhaust flap valve, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Exhaust gas recirculation cooler changeover valve

- J538 Fuel pump control unit
- N70 Ignition coil 1 with output stage
- N75 Charge pressure control solenoid valve
- N127 Ignition coil 2 with output stage
- N220 Exhaust flap valve
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- N345 Exhaust gas recirculation cooler changeover valve
- SC13 Fuse 13 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T5h 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T42 42-pin connector, near handbrake lever, black

B570 Connection 37, in main wiring harness

B571 Connection 38, in main wiring harness

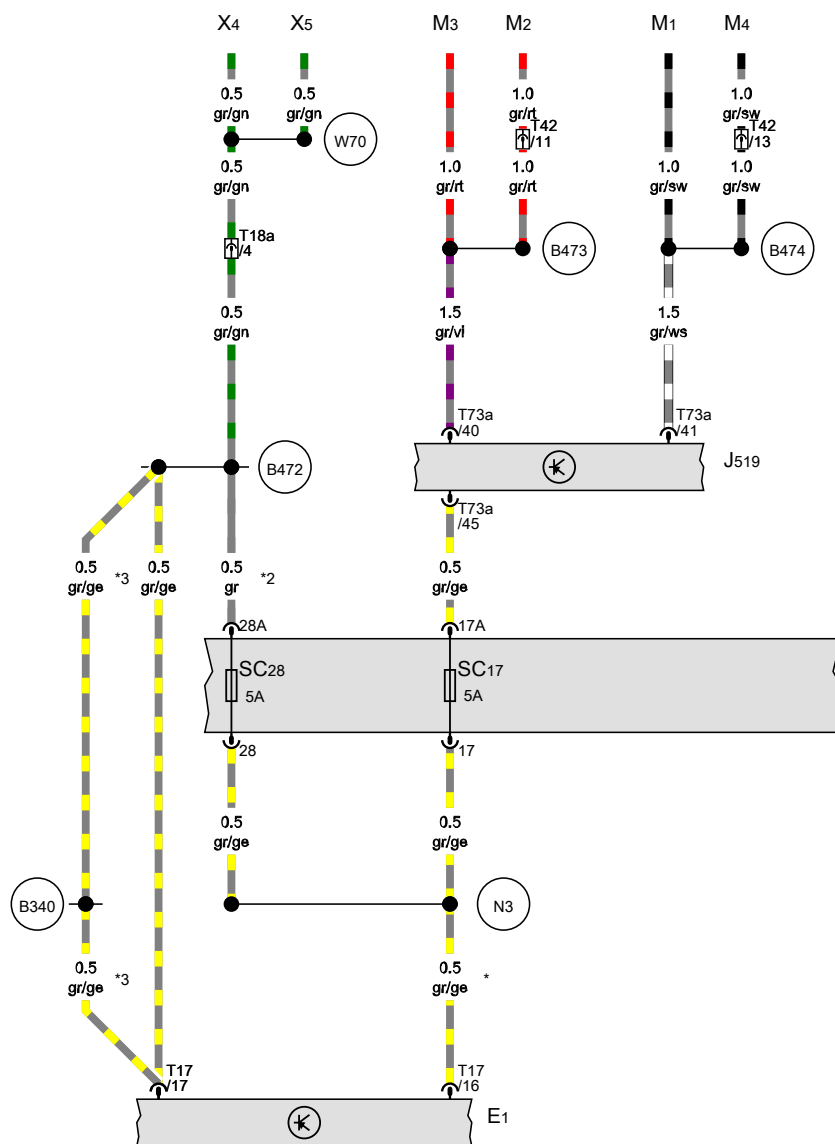
D108 Connection 6 in engine compartment wiring harness

* see applicable current flow diagram for engine

*2 Only models with petrol engine

Left side light bulb, Right tail light bulb, Right side light bulb,
Left tail light bulb, Right number plate light

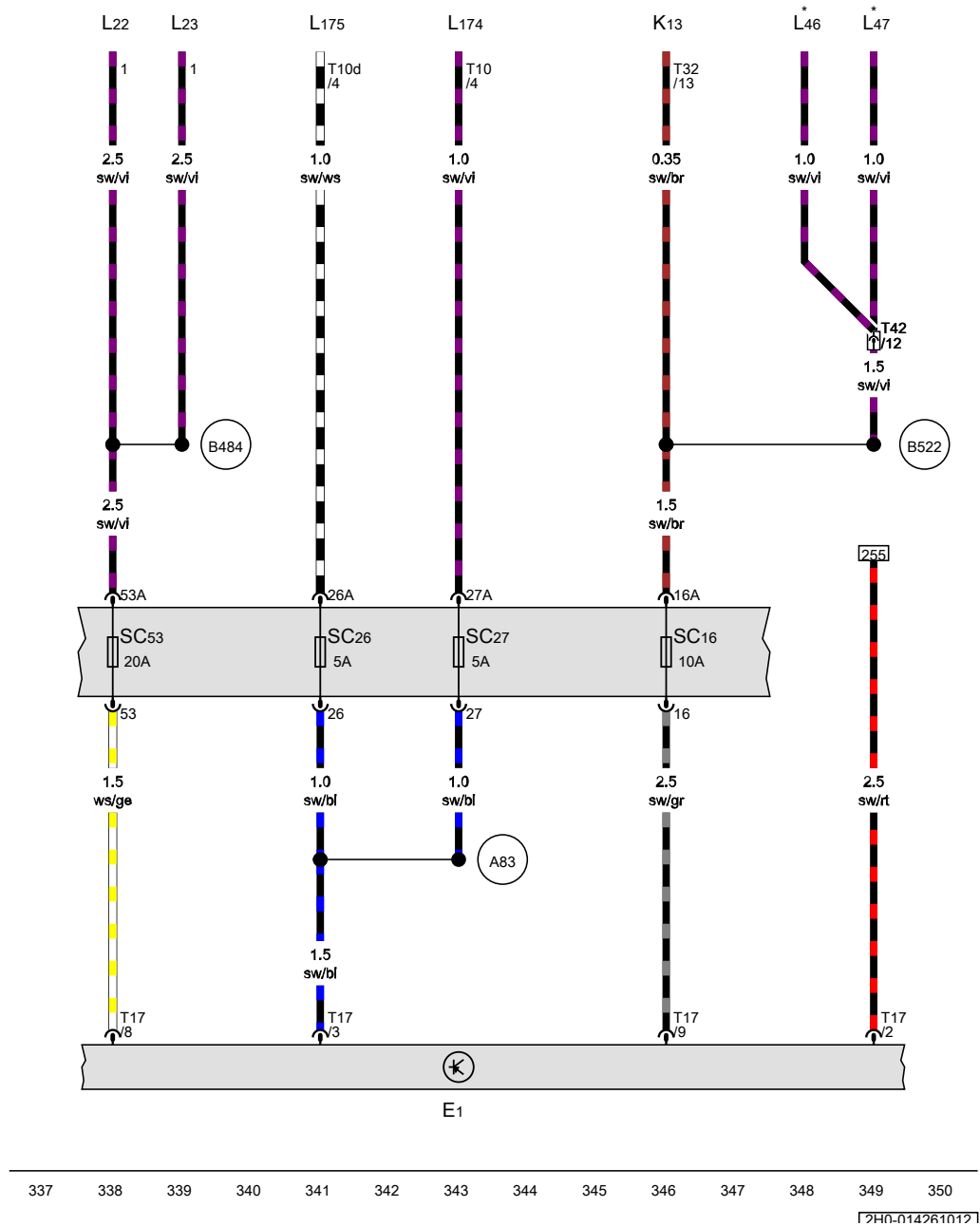
- E1 Light switch
- J519 Onboard supply control unit
- M1 Left side light bulb
- M2 Right tail light bulb
- M3 Right side light bulb
- M4 Left tail light bulb
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T17 17-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- T73a 73-pin connector
- X4 Left number plate light
- X5 Right number plate light
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- B473 Connection 9, in main wiring harness
- B474 Connection 10, in main wiring harness
- N3 Connection 2, in headlight range control wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness
- * Only models with headlight range control
- *2 see applicable current flow diagram for basic equipment
- *3 From November 2011



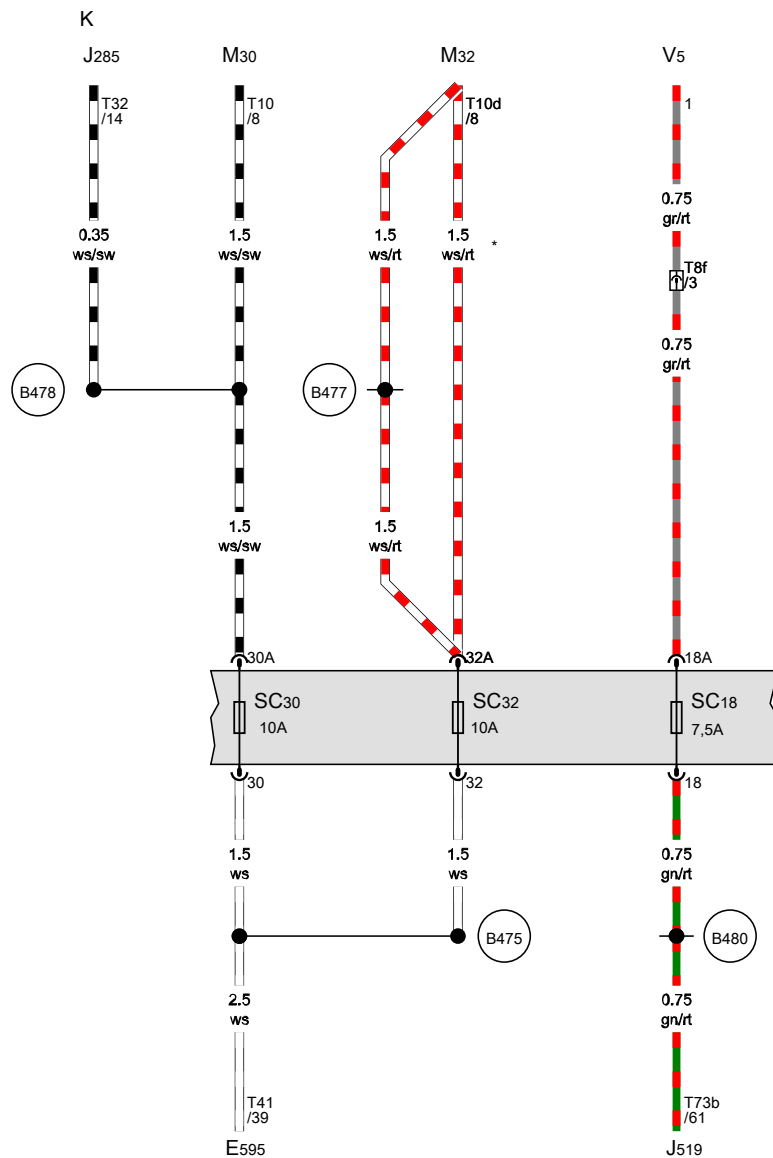
ws = white
sw = black
ro = red
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ge = yellow
or = orange
rs = pink

Light switch, Rear fog light warning lamp, Left fog light bulb, Right fog light bulb, Rear left fog light bulb, Rear right fog light bulb, Left daytime running light bulb, Right daytime running light bulb

- E1 Light switch
- K13 Rear fog light warning lamp
- L22 Left fog light bulb
- L23 Right fog light bulb
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- L174 Left daytime running light bulb
- L175 Right daytime running light bulb
- SC16 Fuse 16 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T10 10-pin connector, black
- T10d 10-pin connector, black
- T17 17-pin connector
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black
- A83 Connection (daytime running lights), in dash panel wiring harness
- B484 Connection 20, in main wiring harness
- B522 Connection (FL), in main wiring harness
- * According to equipment
- *2 Only models with electric interface for external use



Steering column combination switch, Left headlight main beam bulb, Right headlight main beam bulb, Washer pump



- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC18 Fuse 18 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T8f 8-pin connector, black
- T10 10-pin connector, black
- T10d 10-pin connector, black
- T32 32-pin connector, blue
- T41 41-pin connector
- T73b 73-pin connector
- V5 Washer pump

B475 Connection 11, in main wiring harness

B477 Connection 13, in main wiring harness

B478 Connection 14, in main wiring harness

B480 Connection 16, in main wiring harness

* Only models with no electric interface

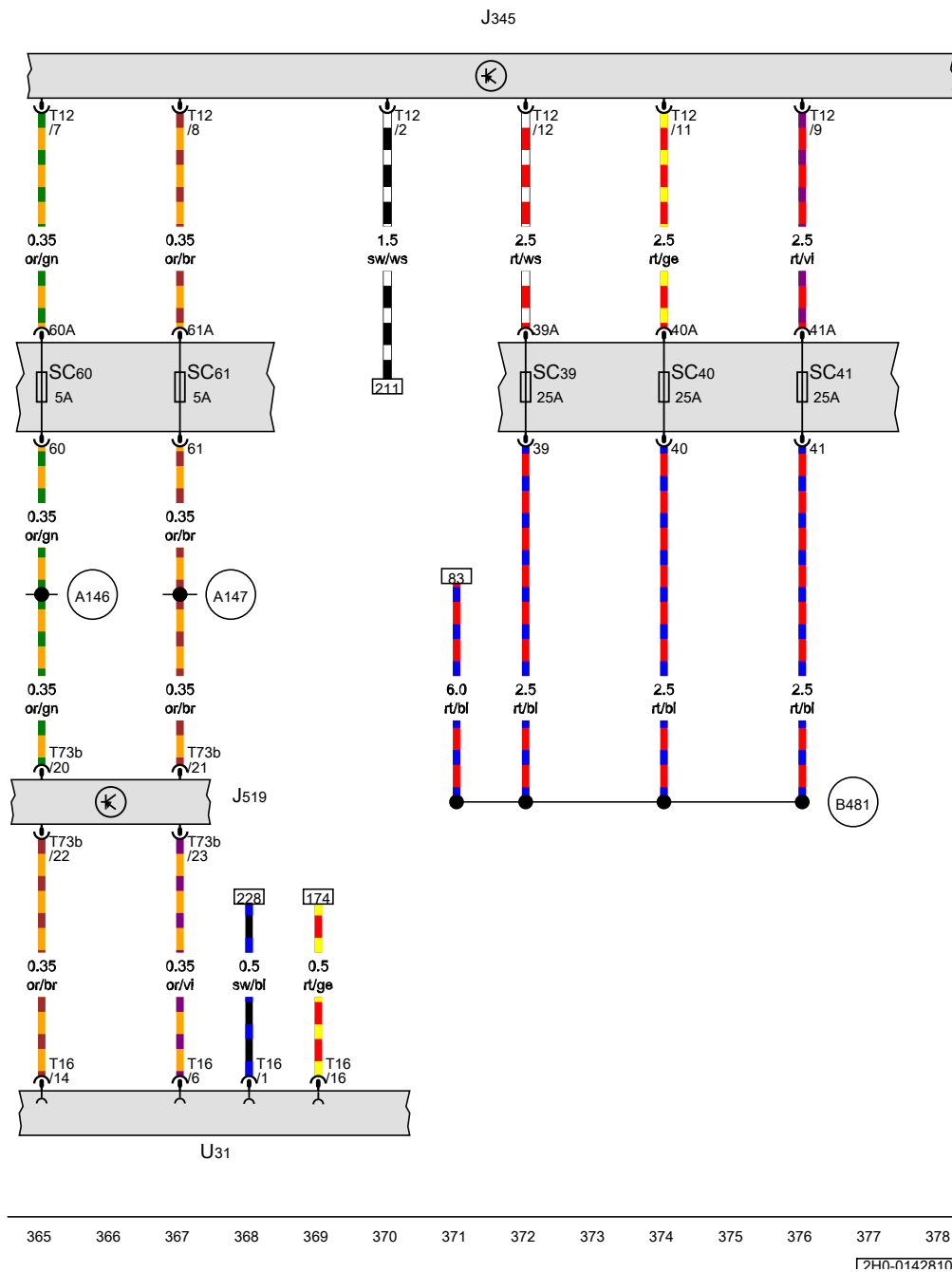
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351 352 353 354 355 356 357 358 359 360 361 362 363 364

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Trailer detector control unit, Diagnostic connection

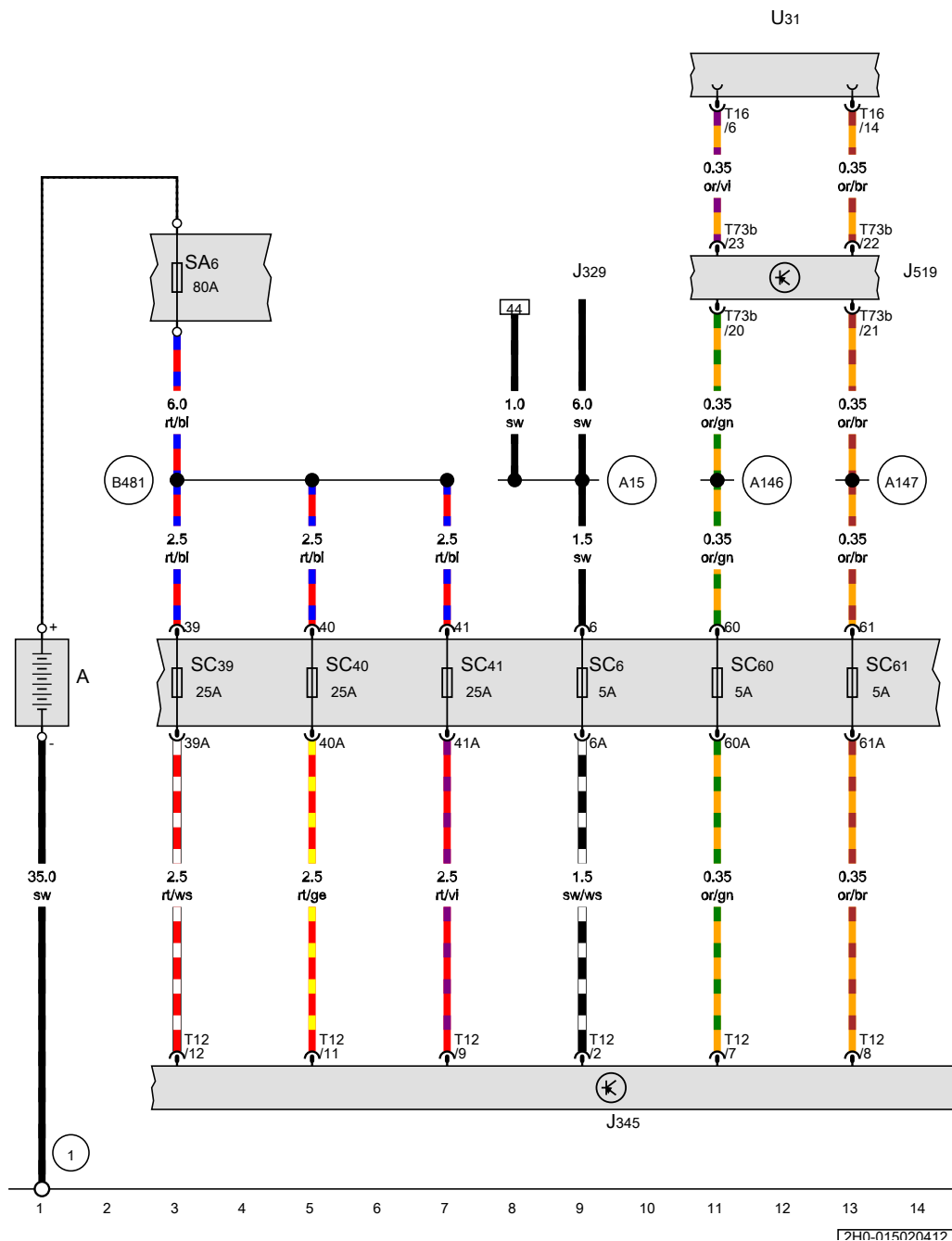
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T12 12-pin connector, red
- T16 16-pin connector, black
- T73b 73-pin connector
- U31 Diagnostic connection, near driver side A-pillar
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B481 Connection 17, in main wiring harness



Preparation for trailer coupling , (1D7)

From December 2009

Battery, Fuse 6 on fuse holder C, Fuse 6 in fuse holder A, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Diagnostic connection



A	Battery
J329	Terminal 15 voltage supply relay
J345	Trailer detector control unit
J519	Onboard supply control unit
SC6	Fuse 6 on fuse holder C
SA6	Fuse 6 in fuse holder A
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T12	12-pin connector, red
T16	16-pin connector
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
-
1	Earth strap, battery - body
A15	Positive connection (15), in instrument wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B481	Connection 17, in main wiring harness

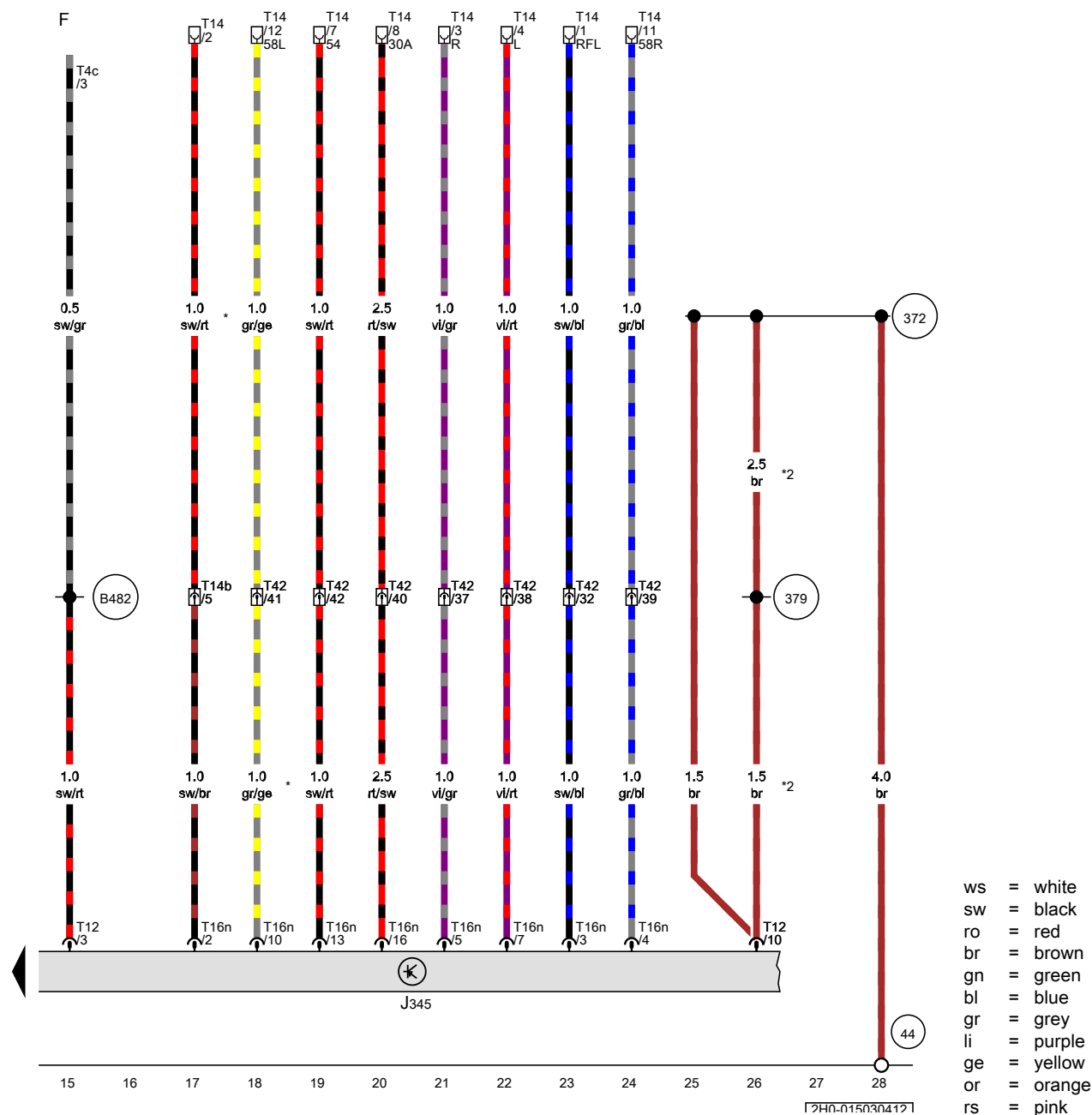
ws = white
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 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Brake light switch

- F Brake light switch
- J345 Trailer detector control unit
- T4c 4-pin connector
- T12 12-pin connector, red
- T14 14-pin connector, behind rear bumper on left, black
- T14b 14-pin connector, near battery, black
- T16n 16-pin connector, black
- T42 42-pin connector, near handbrake lever, black

- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B482 Connection 18, in main wiring harness

- * Only models with stop/start system
- *2 From November 2011

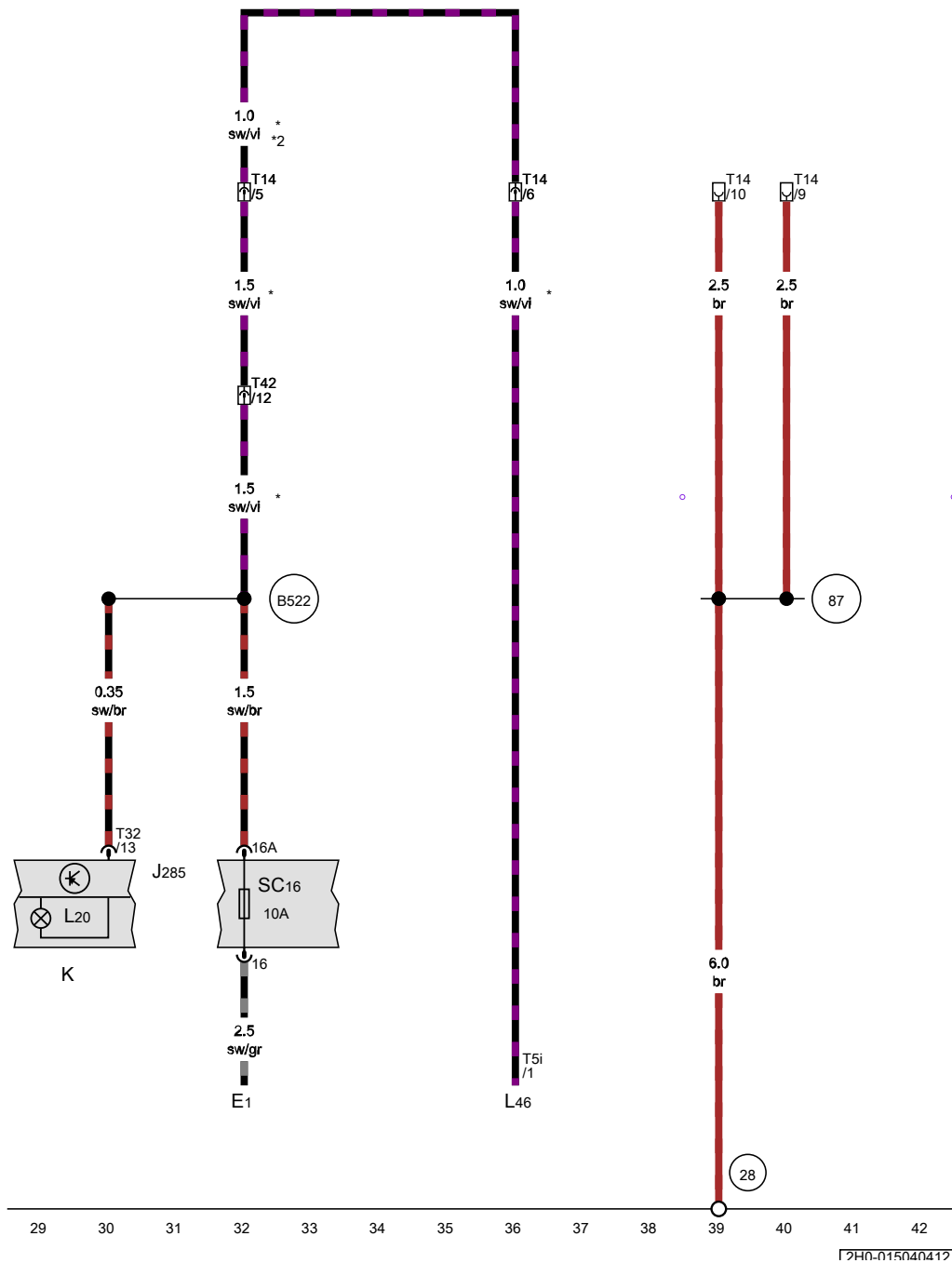


Light switch, Dash panel insert, Rear left fog light bulb

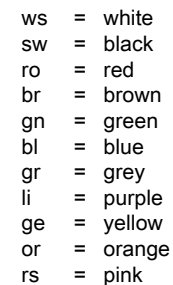
- E1 Light switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- L20 Rear fog light bulb
- L46 Rear left fog light bulb
- SC16 Fuse 16 on fuse holder C
- T5i 5-pin connector
- T14 14-pin connector, behind rear bumper on left, black
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black

- 28 Earth point, on bulkhead
- 87 Earth connection 2, in rear wiring harness
- B522 Connection (FL), in main wiring harness

- * Only models with rear fog lights
- *2 Push-in bridge



- ws = white
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- rs = pink

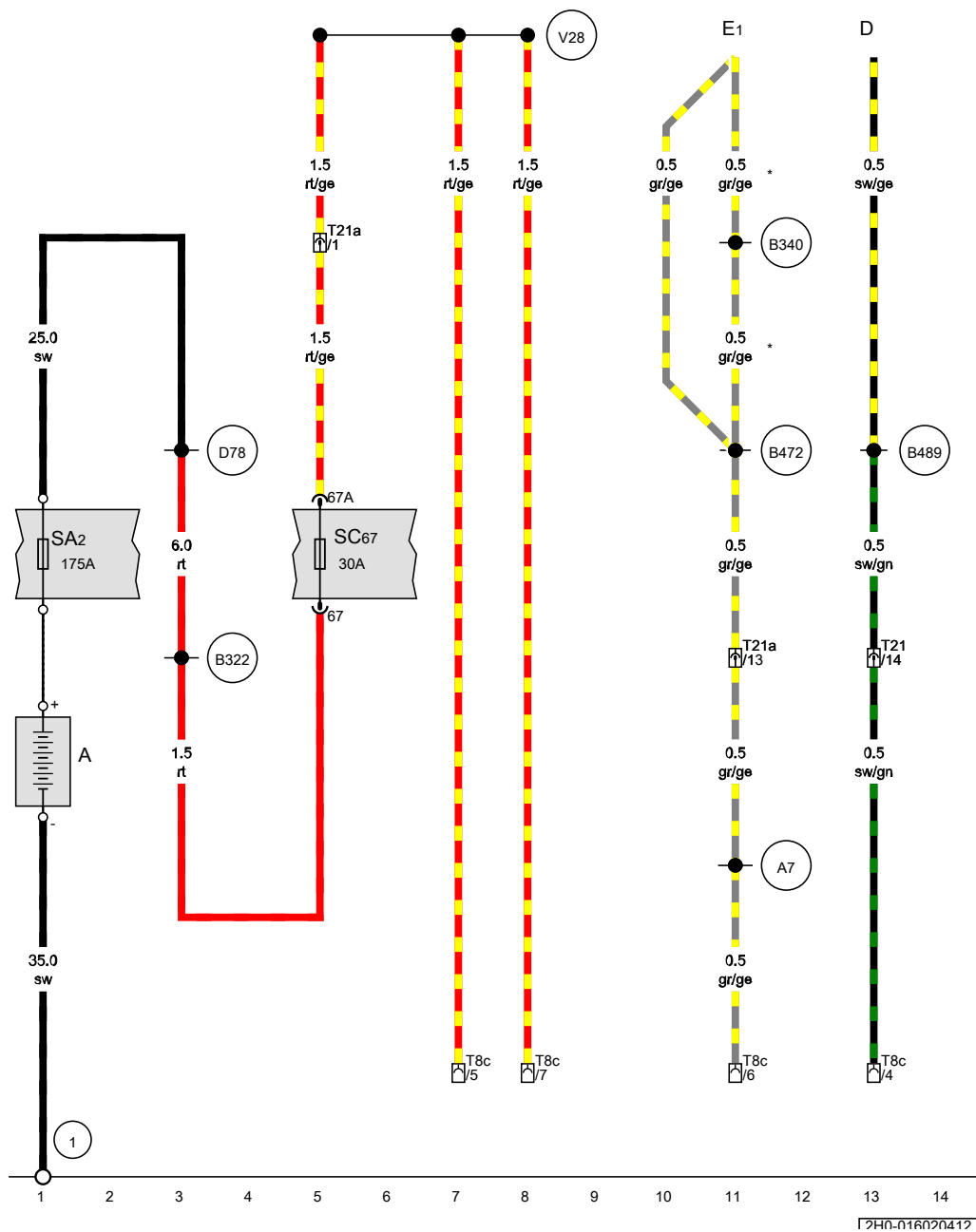


- * Only models with electric interface for external use
*2 Only models with no rear fog light

Preparation for radio

From December 2009

Battery, Ignition/starter switch, Light switch, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

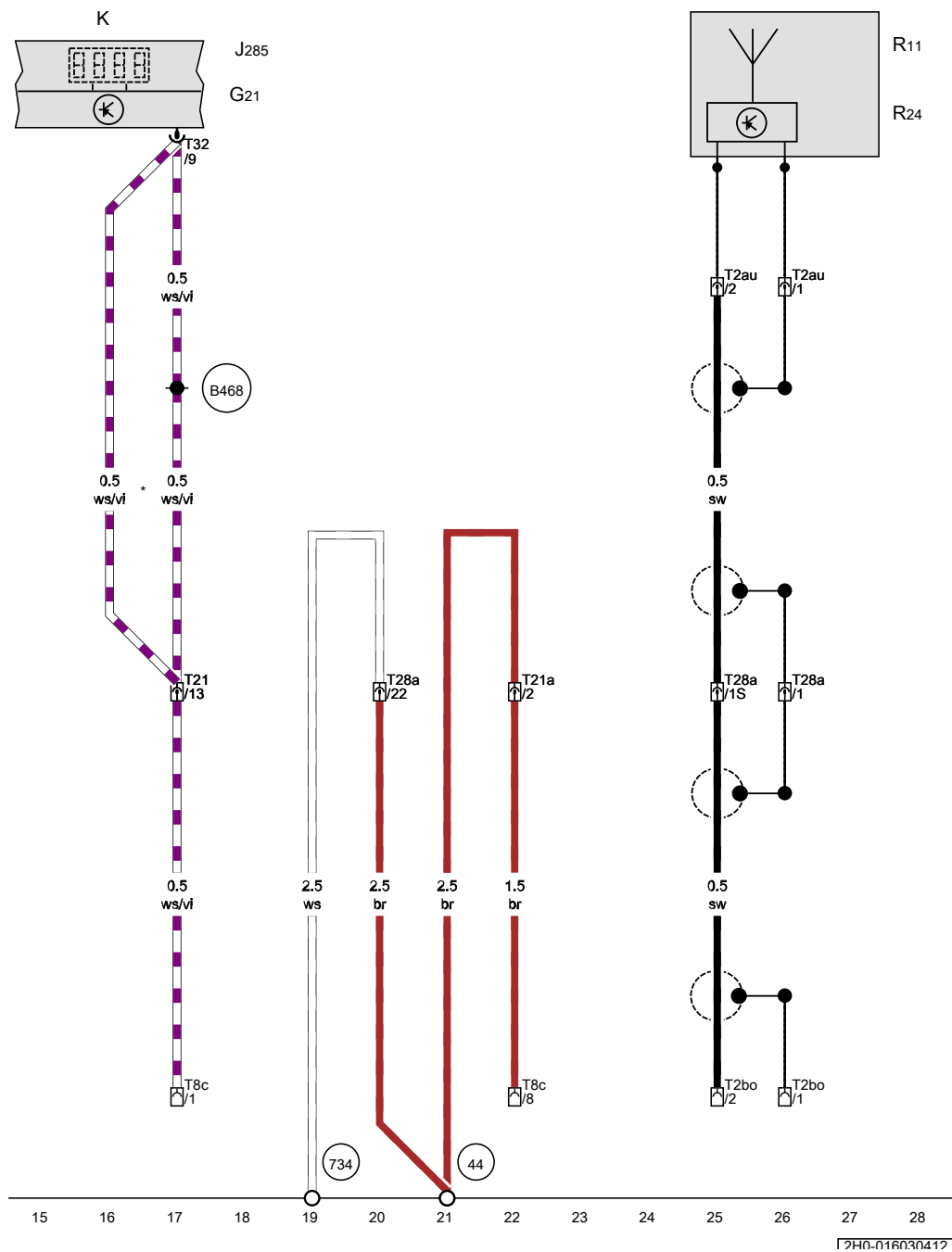


- A Battery
- D Ignition/starter switch
- E1 Light switch
- SA2 Fuse 2 in fuse holder A
- SC67 Fuse 67 on fuse holder C
- T8c 8-pin connector, in slot for radio, centre of dash panel, black
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown

- 1 Earth strap, battery - body
- A7 Positive connection (58 D1), in dash panel wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- B489 Connection 25, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness

* From November 2011

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- or = orange
- rs = pink



Dash panel insert, Aerial, Aerial amplifier

- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- R11 Aerial, in front passenger side exterior mirror housing
- R24 Aerial amplifier
- T2au 2-pin connector, in left door, near exterior mirror
- T2bo 2-pin connector
- T8c 8-pin connector, in slot for radio, centre of dash panel, black
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar
- T32 32-pin connector

44 Earth point, lower part of left A-pillar

734 Earth point in front left door

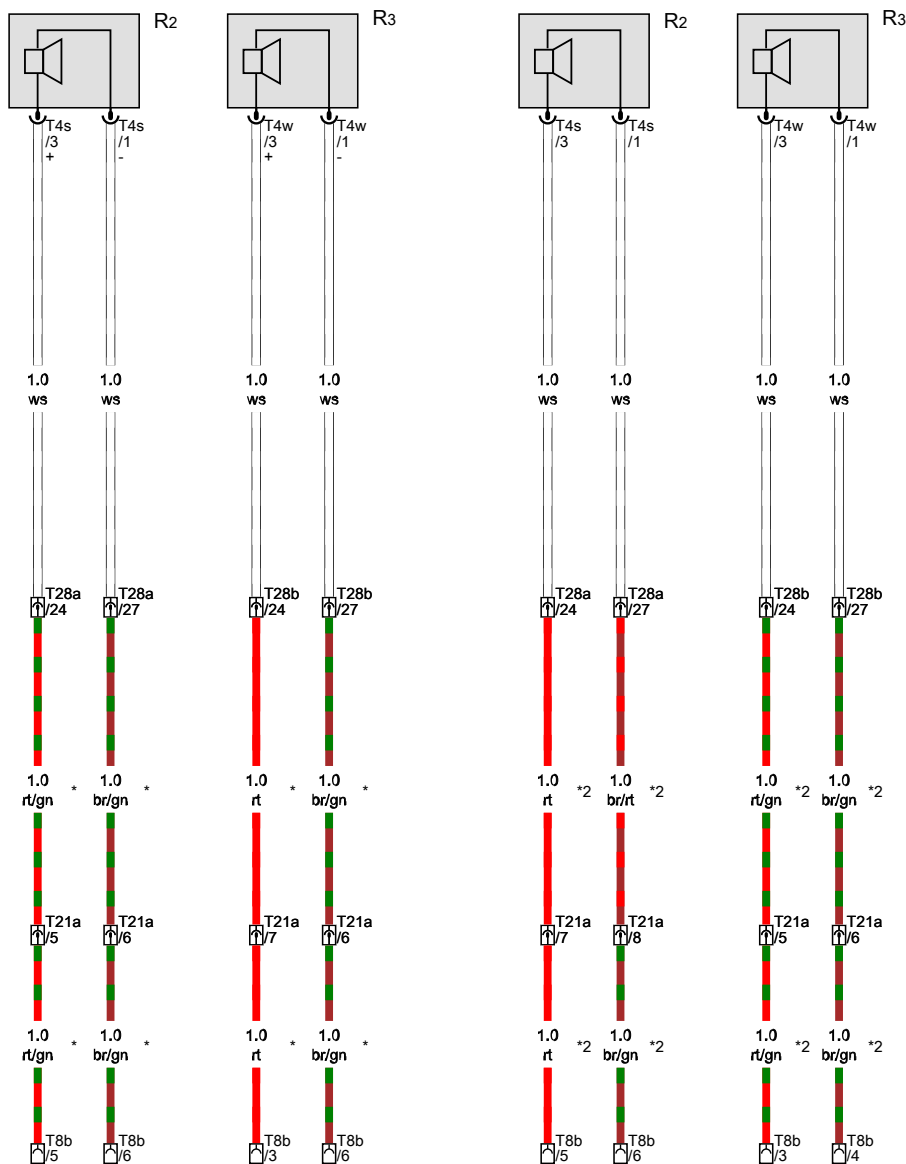
B468 Connection 4, in main wiring harness

* Only models with no electric interface

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

Front left loudspeaker, Front right loudspeaker

- R2 Front left loudspeaker
- R3 Front right loudspeaker
- T4s 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector, in slot for radio, centre of dash panel, brown
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- * Only left-hand drive models
- *2 Only right-hand drive models

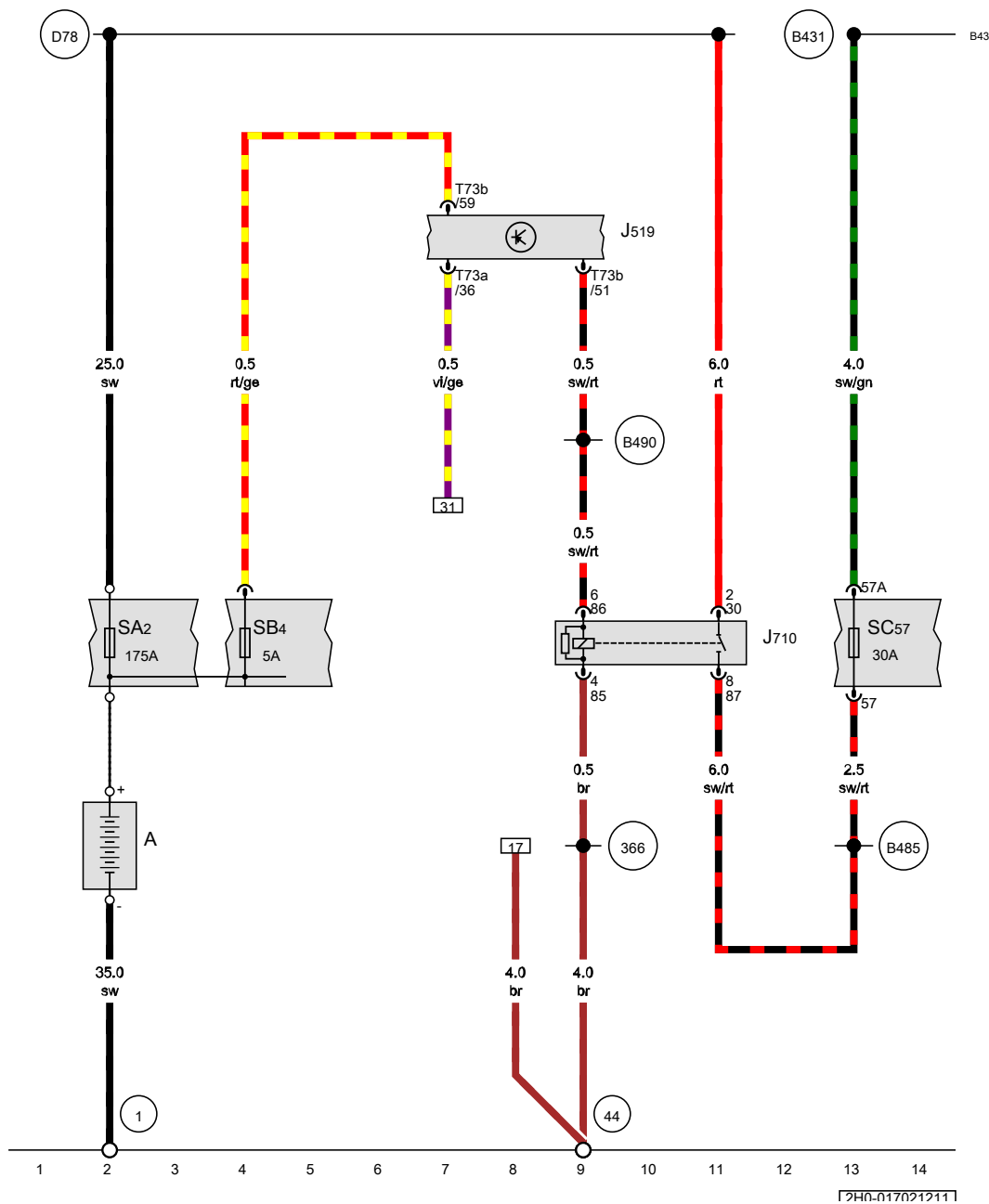


ws = white
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Seat heating

From December 2009

Battery, Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 57 on fuse holder C

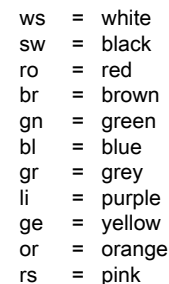


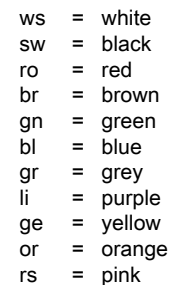
- A Battery
- J519 Onboard supply control unit
- J710 Voltage supply relay 2
- SA2 Fuse 2 in fuse holder A
- SB4 Fuse 4 on fuse holder B
- SC57 Fuse 57 on fuse holder C
- T73a 73-pin connector
- T73b 73-pin connector
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B431 Connection (seat heating), in main wiring harness
- B485 Connection 21, in main wiring harness
- B490 Connection 26, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

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

E1	Light switch
E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
T6m	6-pin connector
T6o	6-pin connector
T16b	16-pin connector

(B472) Connection 8, in main wiring harness



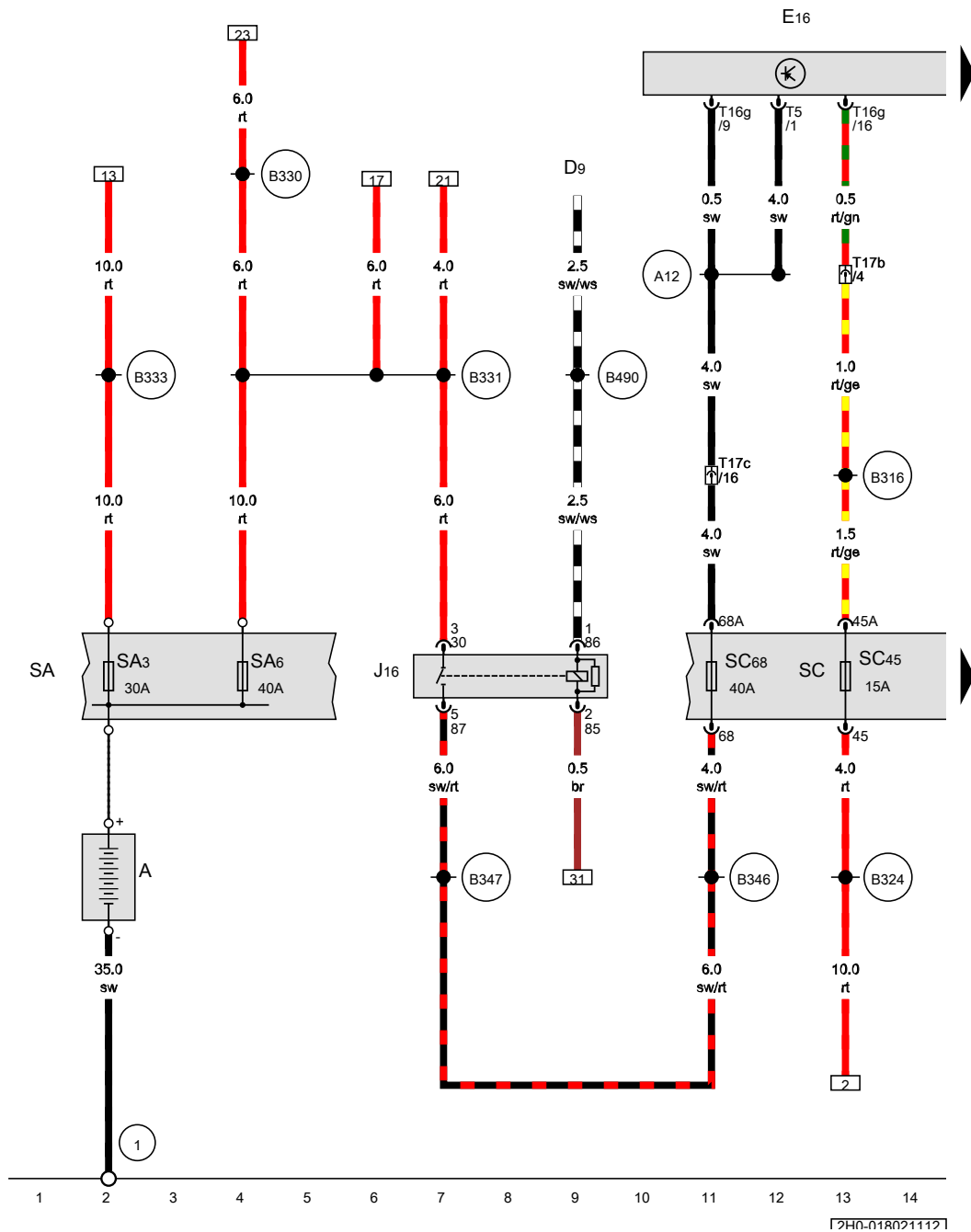


J882	Seat heating control unit
T2bk	2-pin connector, in seat
T2bl	2-pin connector, in seat
T2bt	2-pin connector, under seat on front left
T2bu	2-pin connector, under seat on front right
T16b	16-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B431	Connection (seat heating), in main wiring harness

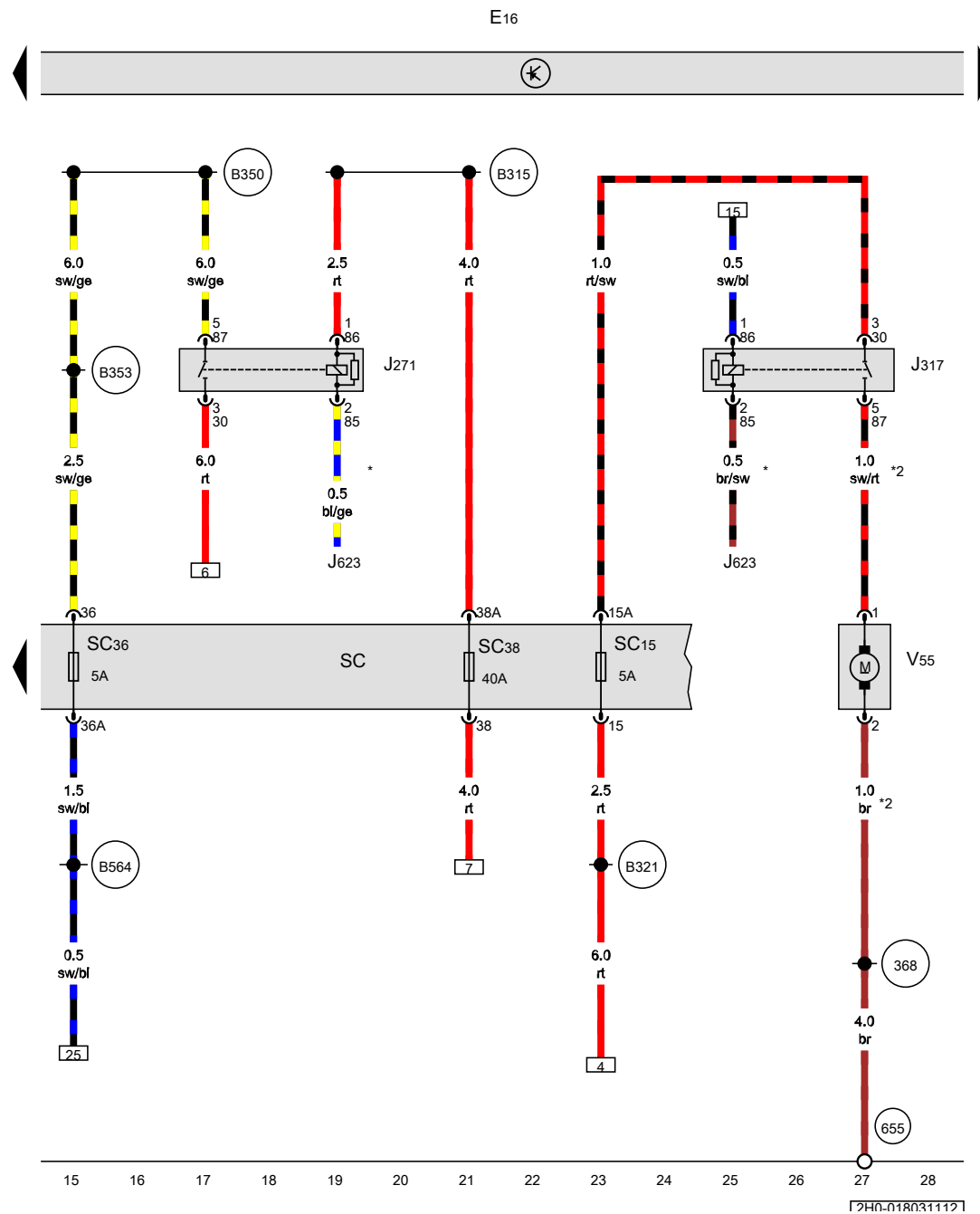
Passenger compartment heater and ventilation system

From December 2009

Battery, Heater/heat output switch, Current supply relay,
Fuse holder A, Fuse holder C, Fuse 45 on fuse holder C,
Fuse 68 on fuse holder C



- A Battery
 - D9 Electronic ignition lock
 - E16 Heater/heat output switch
 - J16 Current supply relay
 - SA Fuse holder A
 - SA3 Fuse 3 in fuse holder A
 - SA6 Fuse 6 in fuse holder A
 - SC Fuse holder C
 - SC45 Fuse 45 on fuse holder C
 - SC68 Fuse 68 on fuse holder C
 - T5 5-pin connector, black
 - T16g 16-pin connector, black
 - T17b 17-pin connector, on left under dash panel, brown
 - T17c 17-pin connector, on left under dash panel, black
- 1 Earth strap, battery - body
 - A12 Positive connection (75a), in dash panel wiring harness
 - B316 Positive connection 2 (30a) in main wiring harness
 - B324 Positive connection 10 (30a) in main wiring harness
 - B330 Positive connection 16 (30a) in main wiring harness
 - B331 Positive connection 17 (30a) in main wiring harness
 - B333 Positive connection 19 (30a) in main wiring harness
 - B346 Connection 1 (75), in main wiring harness
 - B347 Connection 2 (75), in main wiring harness
 - B490 Connection 26, in main wiring harness



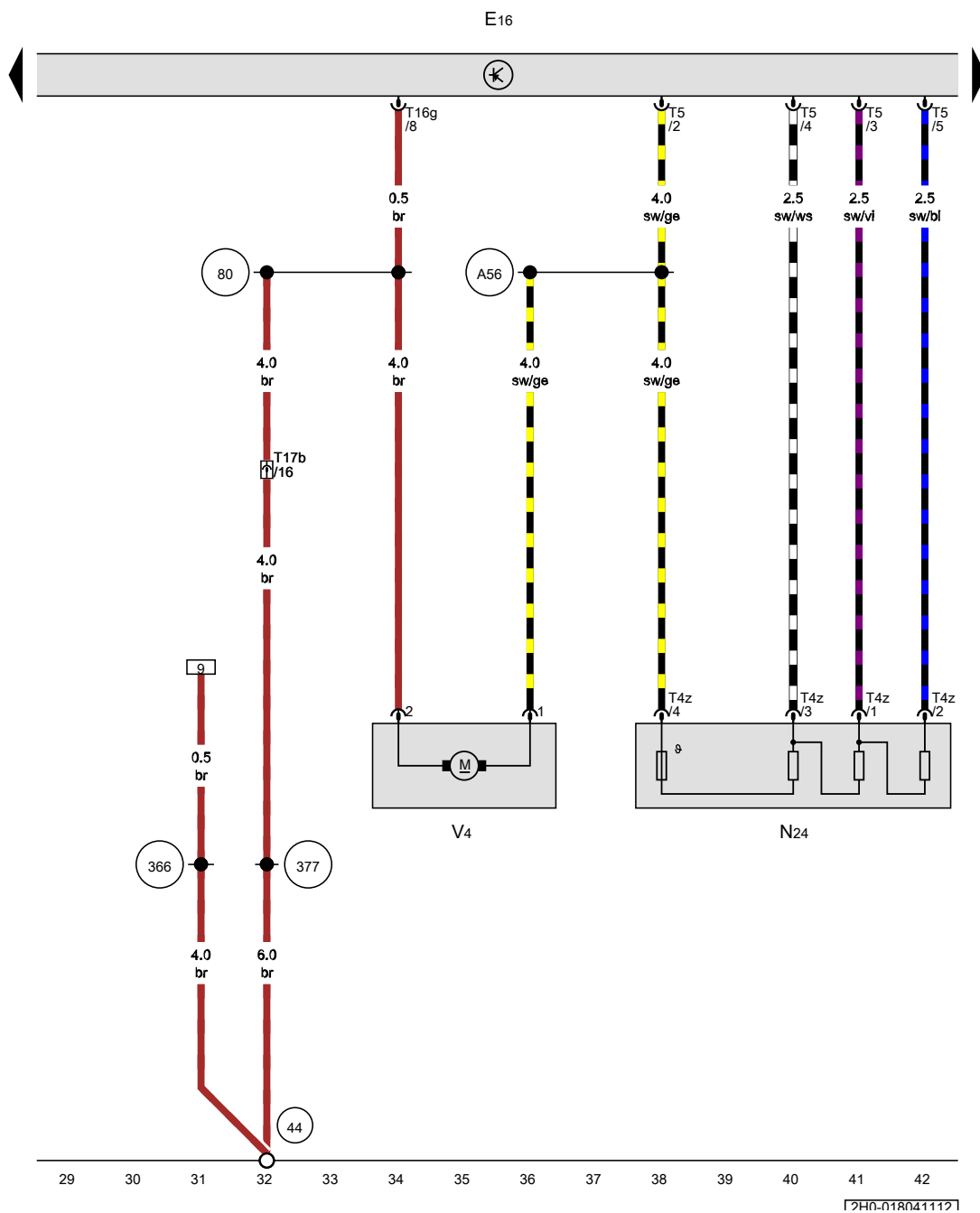
Heater/heat output switch, Fuse holder C, Circulation pump

- E16 Heater/heat output switch
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- V55 Circulation pump

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight
- B315 Positive connection 1 (30a) in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with diesel engine

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

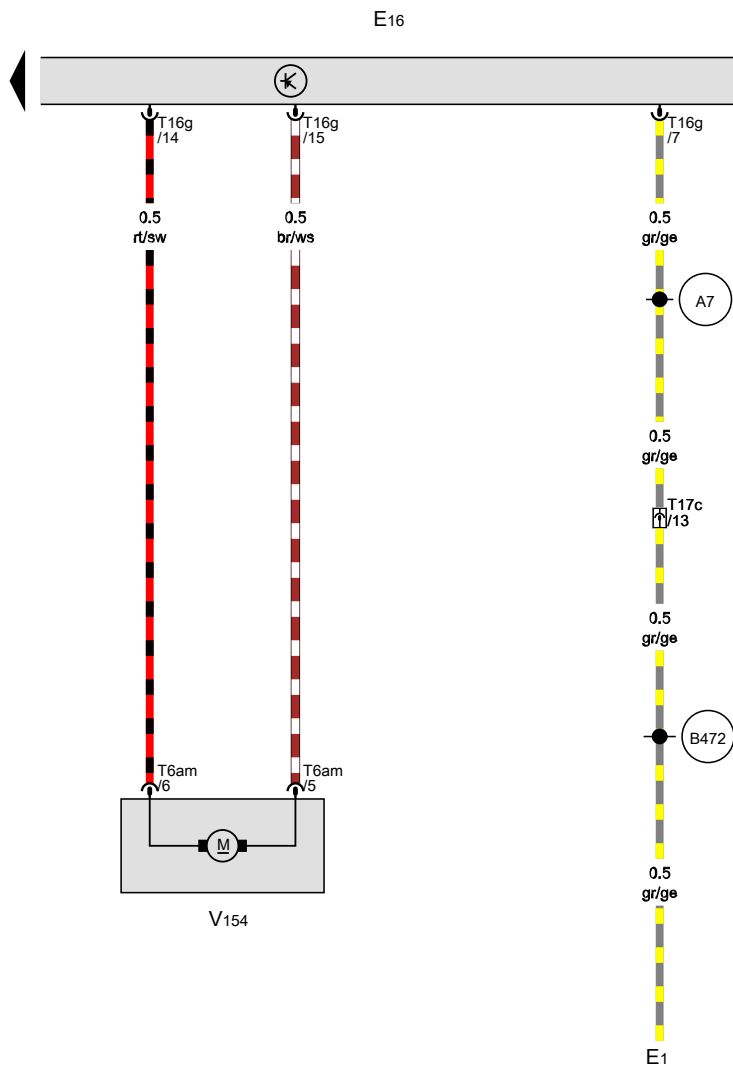


Heater/heat output switch, Fresh air blower series resistor with overheating fuse, Hot air blower

E16	Heater/heat output switch
N24	Fresh air blower series resistor with overheating fuse
T4z	4-pin connector
T5	5-pin connector, black
T16g	16-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
V4	Hot air blower

44	Earth point, lower part of left A-pillar
80	Earth connection 1, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
377	Earth connection 12, in main wiring harness
A56	Positive connection 2 (30), in dash panel wiring harness

ws = white
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Light switch, Heater/heat output switch, Fresh air and air recirculation flap control motor

- E1 Light switch
- E16 Heater/heat output switch
- T6am 6-pin connector
- T16g 16-pin connector, black
- T17c 17-pin connector, on relay carrier, black
- V154 Fresh air and air recirculation flap control motor

A7 Positive connection (58 D1), in dash panel wiring harness

B472 Connection 8, in main wiring harness

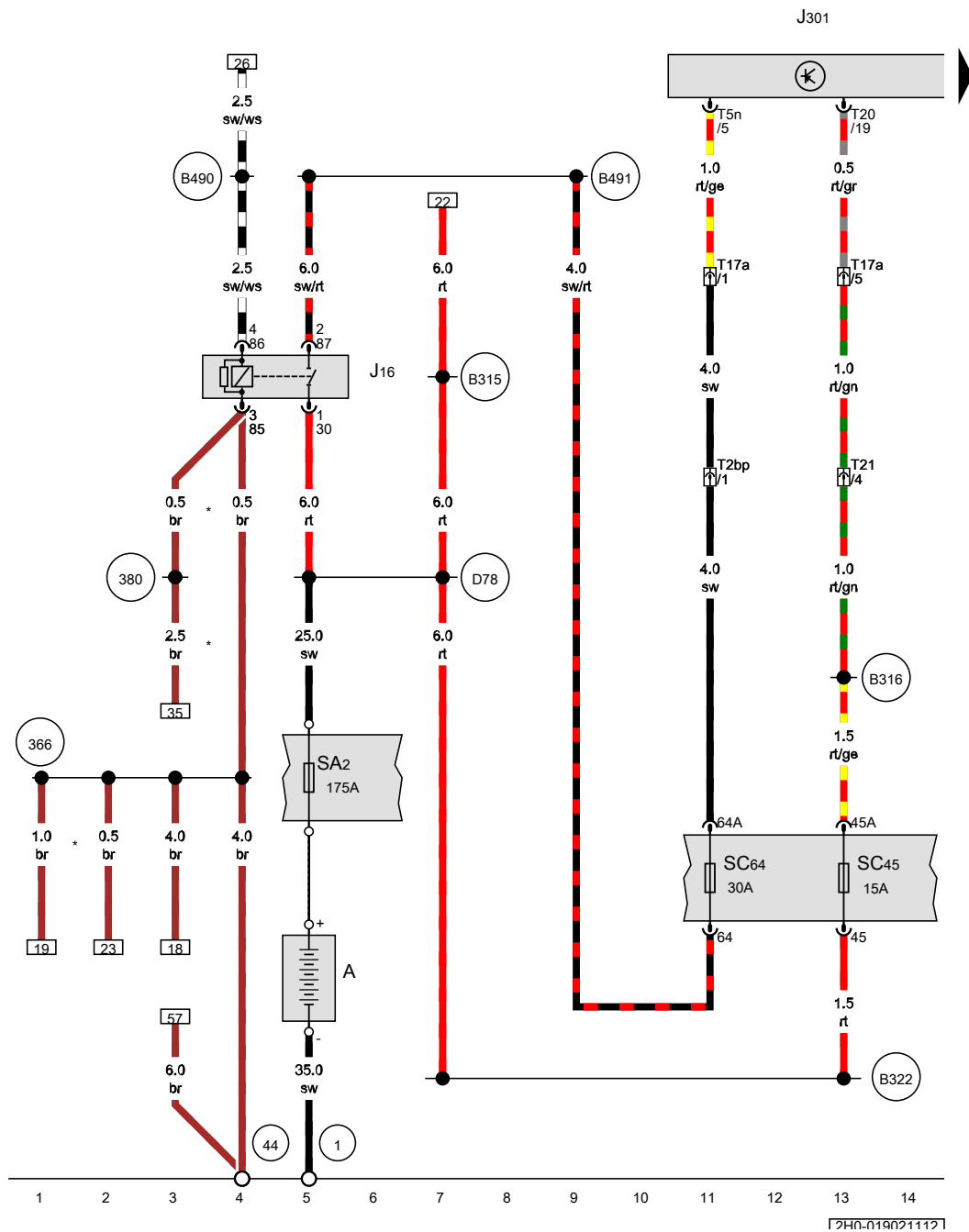
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- rs = pink

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

[2H0-018051112]

Climatic, right-hand drive

From December 2009

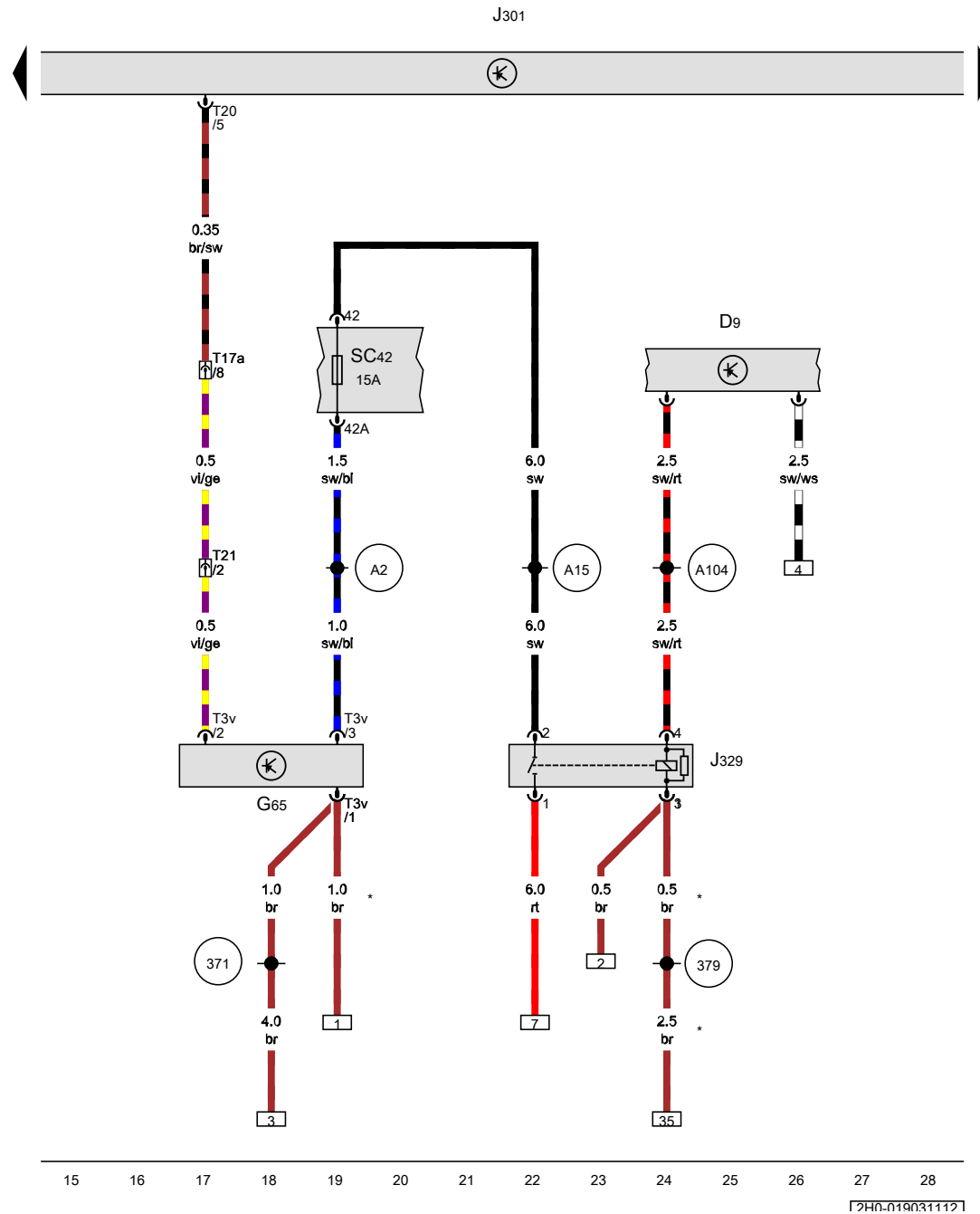


Battery, Current supply relay, Air conditioning system control unit, Fuse 2 in fuse holder A, Fuse 45 on fuse holder C, Fuse 64 on fuse holder C

- A Battery
- J16 Current supply relay
- J301 Air conditioning system control unit
- SA2 Fuse 2 in fuse holder A
- SC45 Fuse 45 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- T2bp 2-pin connector
- T5n 5-pin connector
- T17a 17-pin connector, behind glove compartment
- T20 20-pin connector
- T21 21-pin connector, on relay carrier
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B490 Connection 26, in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

* From November 2011

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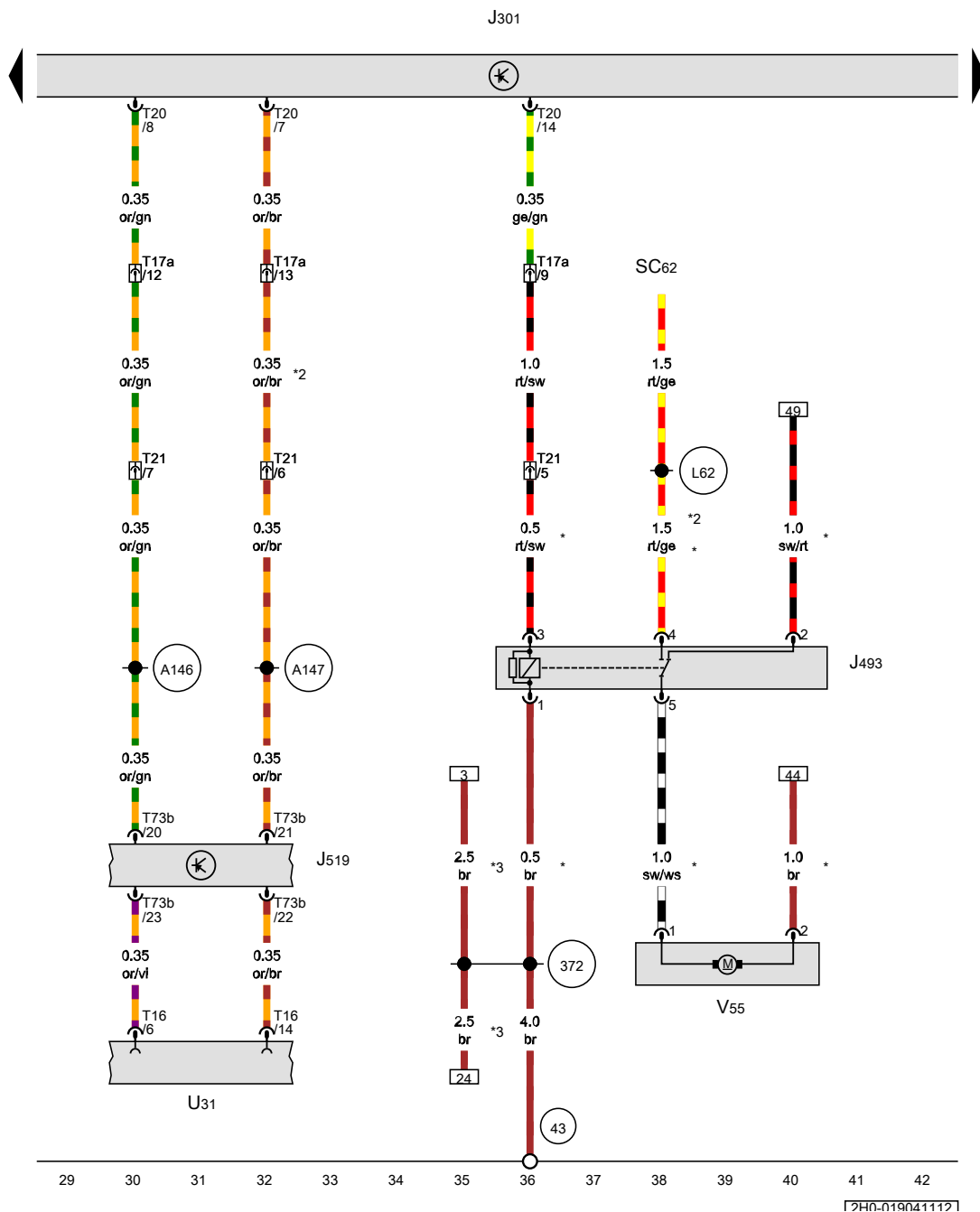


Electronic ignition lock, High-pressure sender, Air conditioning system control unit, Terminal 15 voltage supply relay, Fuse 42 on fuse holder C

D9	Electronic ignition lock
G65	High-pressure sender
J301	Air conditioning system control unit
J329	Terminal 15 voltage supply relay
SC42	Fuse 42 on fuse holder C
T3v	3-pin connector
T17a	17-pin connector
T20	20-pin connector
T21	21-pin connector
371	Earth connection 6, in main wiring harness
379	Earth connection 14, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
*	From November 2011

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Air conditioning system control unit, Auxiliary coolant heater relay, Diagnostic connection, Circulation pump



- J301 Air conditioning system control unit
- J493 Auxiliary coolant heater relay
- J519 Onboard supply control unit
- SC62 Fuse 62 on fuse holder C
- T16 16-pin connector
- T17a 17-pin connector, behind glove compartment
- T20 20-pin connector
- T21 21-pin connector, on relay carrier
- T73b 73-pin connector
- U31 Diagnostic connection, near driver side A-pillar
- V55 Circulation pump

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with diesel engine
- *2 Only models with auxiliary coolant heater
- *3 From November 2011

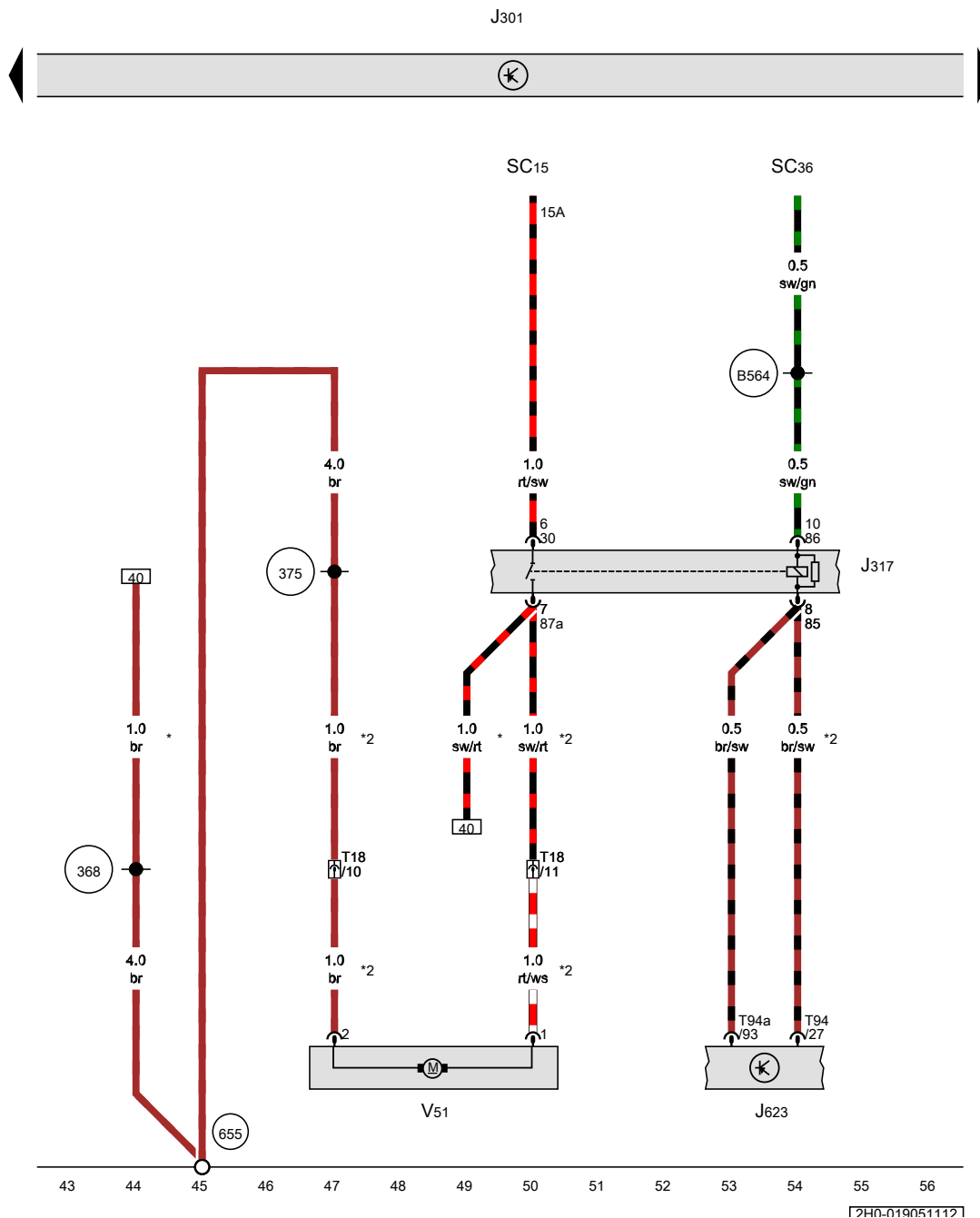
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 rs = pink

Air conditioning system control unit, Terminal 30 voltage supply relay, Continued coolant circulation pump

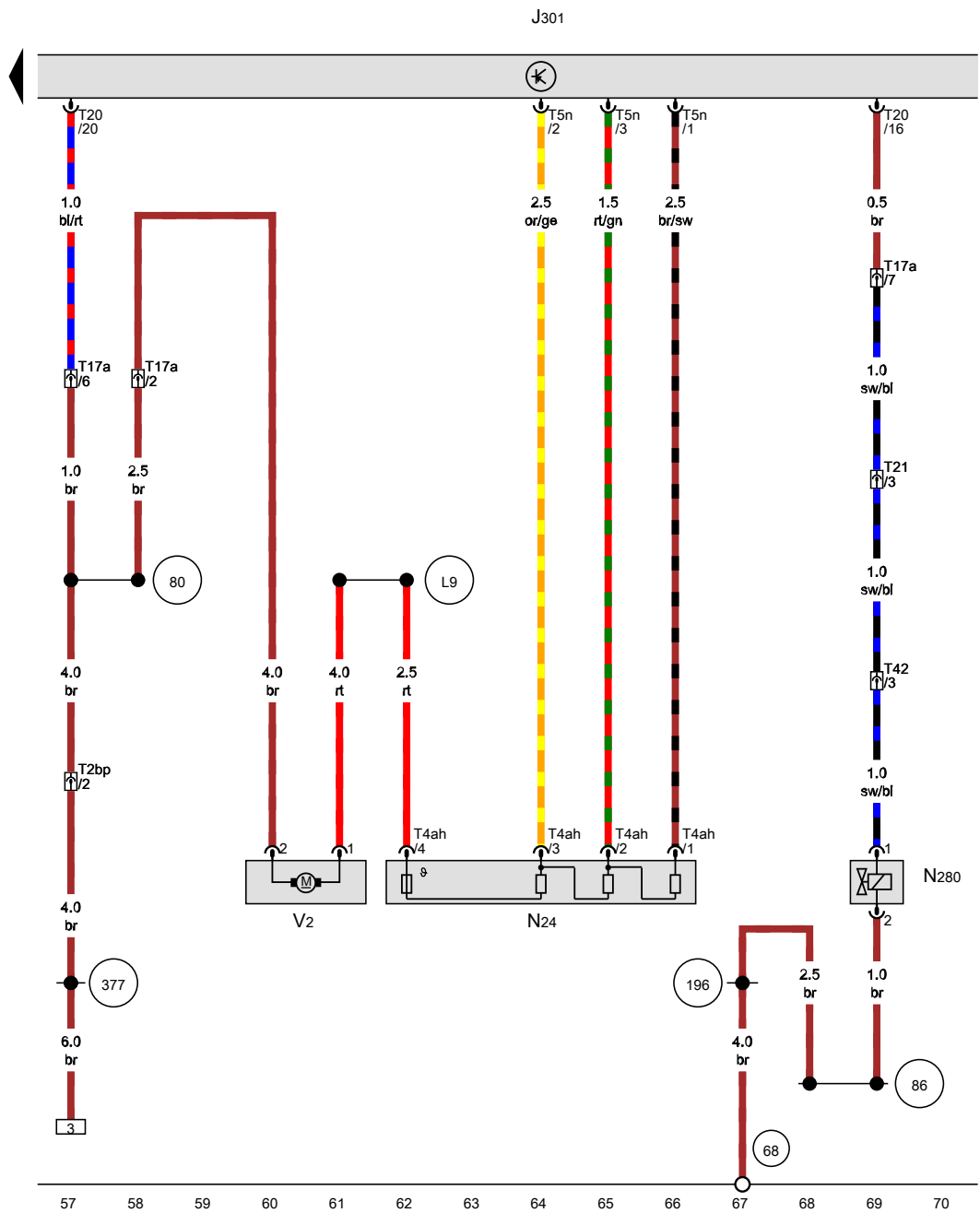
- J301 Air conditioning system control unit
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T18 18-pin connector, near engine control unit
- T94 94-pin connector
- T94a 94-pin connector
- V51 Continued coolant circulation pump

- 368 Earth connection 3, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B564 Connection 31, in main wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine

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



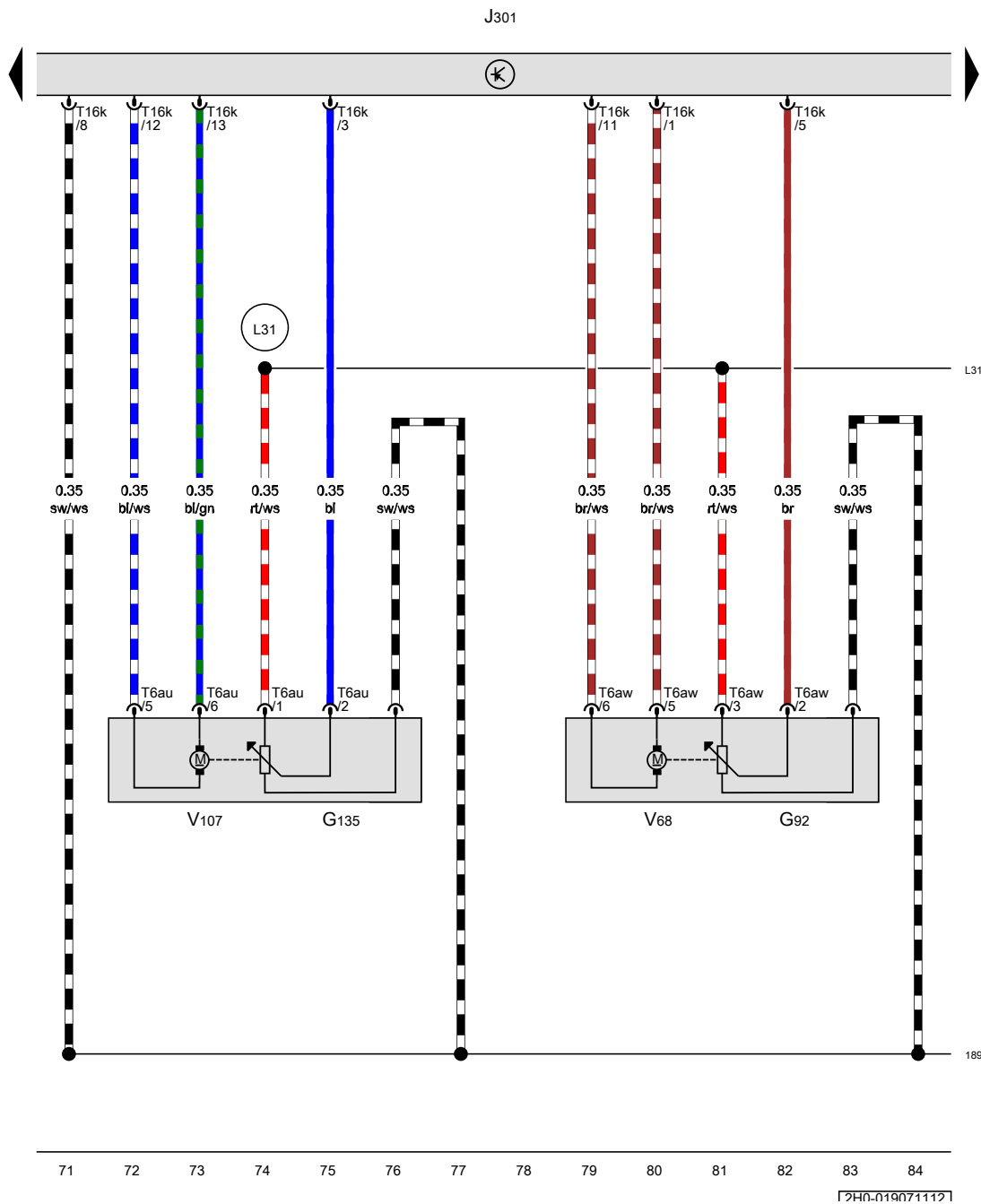
Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Air conditioner compressor regulating valve, Fresh air blower



- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- N280 Air conditioner compressor regulating valve
- T2bp 2-pin connector
- T4ah 4-pin connector
- T5n 5-pin connector
- T17a 17-pin connector
- T20 20-pin connector
- T21 21-pin connector, on relay carrier
- T42 42-pin connector, near handbrake lever
- V2 Fresh air blower

- 68 Earth point, on left of rear cross member
- 80 Earth connection 1, in dash panel wiring harness
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 377 Earth connection 12, in main wiring harness
- L9 Connection 1, in air conditioning system wiring harness

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- or = orange
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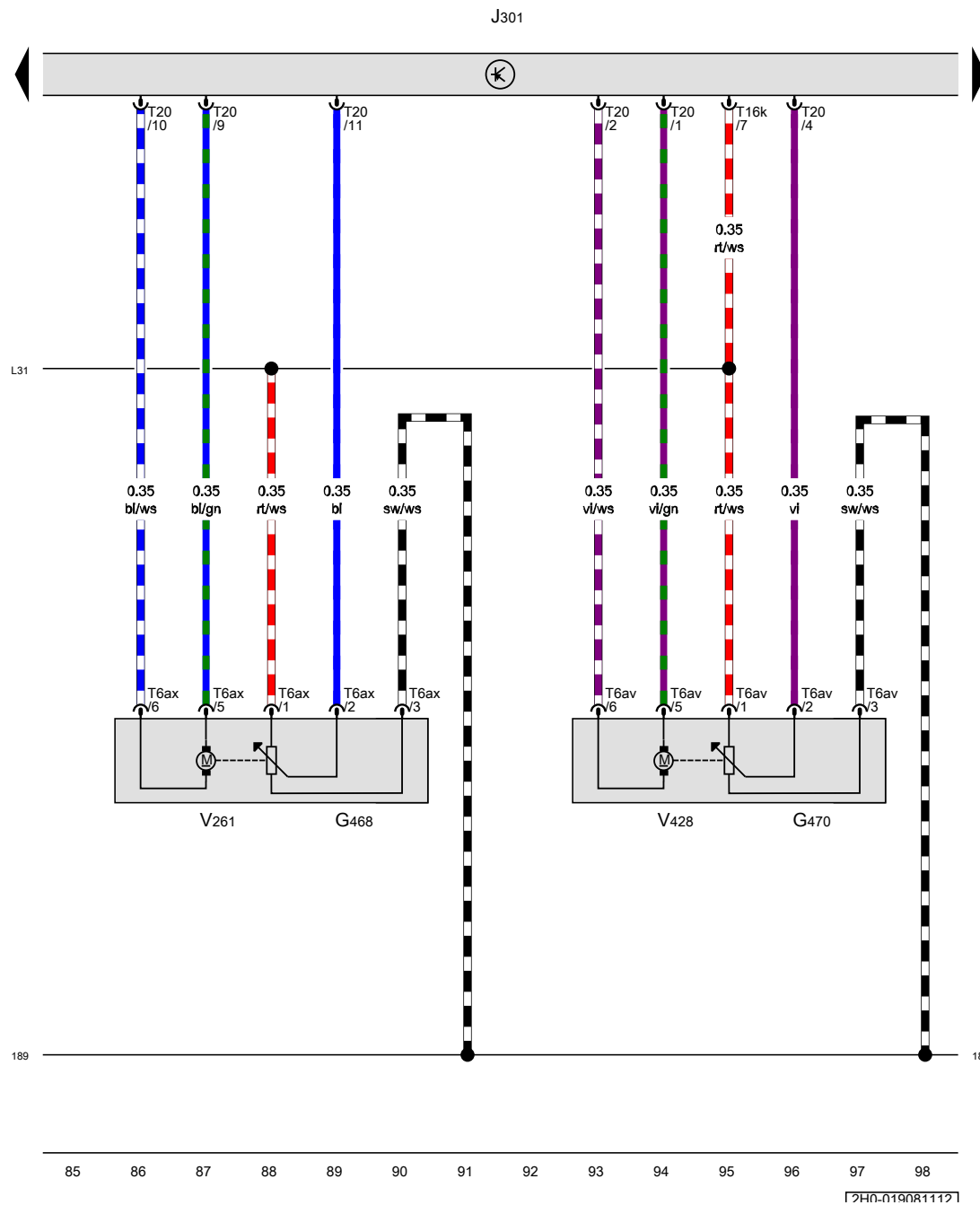


Potentiometer for temperature flap control motor,
Potentiometer for defroster flap control motor, Air
conditioning system control unit, Temperature flap control
motor, Defroster flap control motor

- G92 Potentiometer for temperature flap control motor
- G135 Potentiometer for defroster flap control motor
- J301 Air conditioning system control unit
- T6au 6-pin connector
- T6aw 6-pin connector
- T16k 16-pin connector
- V68 Temperature flap control motor
- V107 Defroster flap control motor

189 Earth connection 1, in heater wiring harness

L31 Connection (5V), in air conditioning system wiring harness

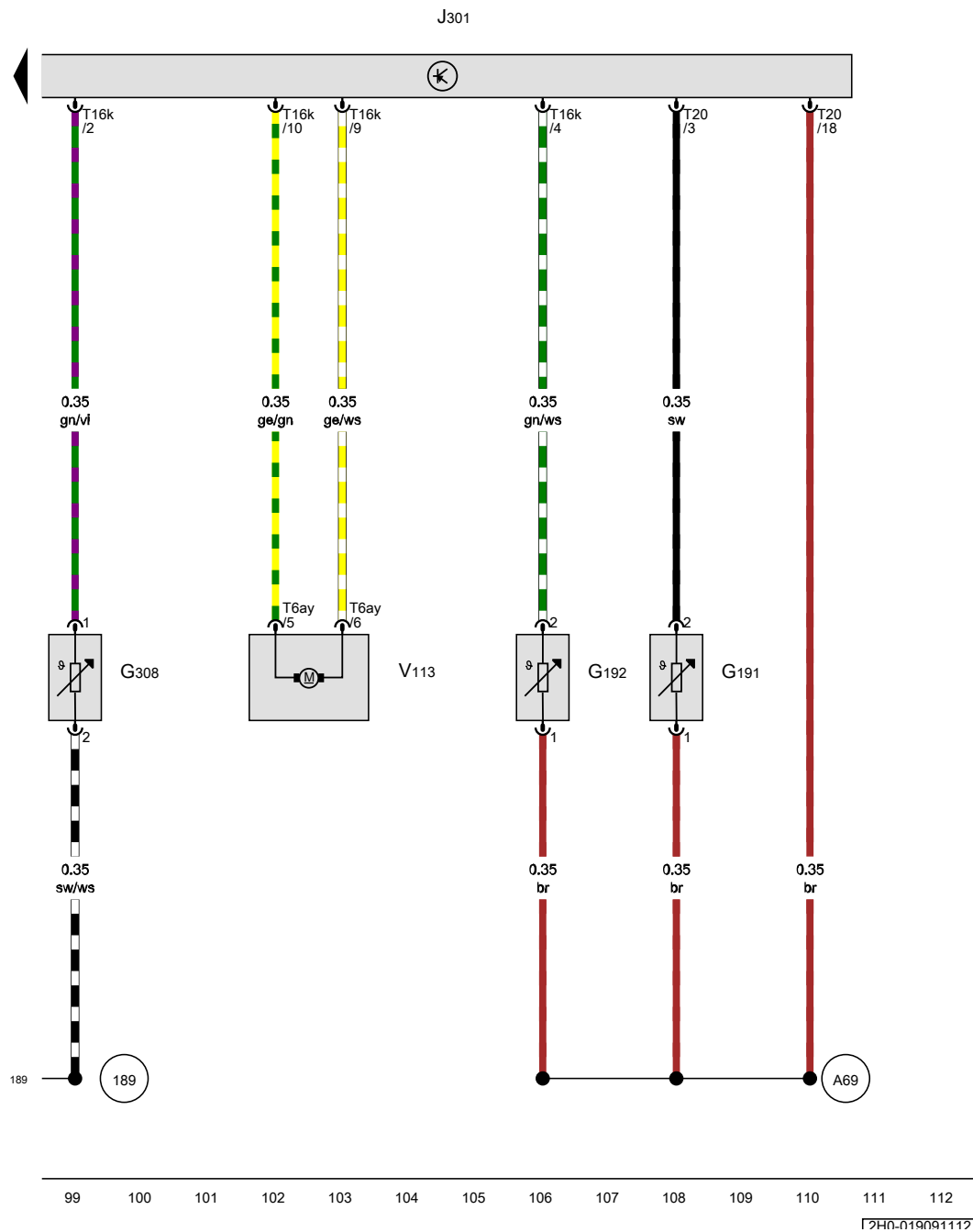


Potentiometer for footwell vent control motor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Footwell flap control motor, Air distribution flap control motor

- G468 Potentiometer for footwell vent control motor
- G470 Potentiometer for front air distribution control motor
- J301 Air conditioning system control unit
- T6av 6-pin connector
- T6ax 6-pin connector
- T16k 16-pin connector
- T20 20-pin connector
- V261 Footwell flap control motor
- V428 Air distribution flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

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 sw = black
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 br = brown
 gn = green
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Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Air conditioning system control unit, Air recirculation flap control motor

- G191 Centre vent temperature sender
- G192 Footwell vent temperature sender
- G308 Evaporator temperature sensor
- J301 Air conditioning system control unit
- T6ay 6-pin connector
- T16k 16-pin connector
- T20 20-pin connector
- V113 Air recirculation flap control motor

189 Earth connection 1, in heater wiring harness

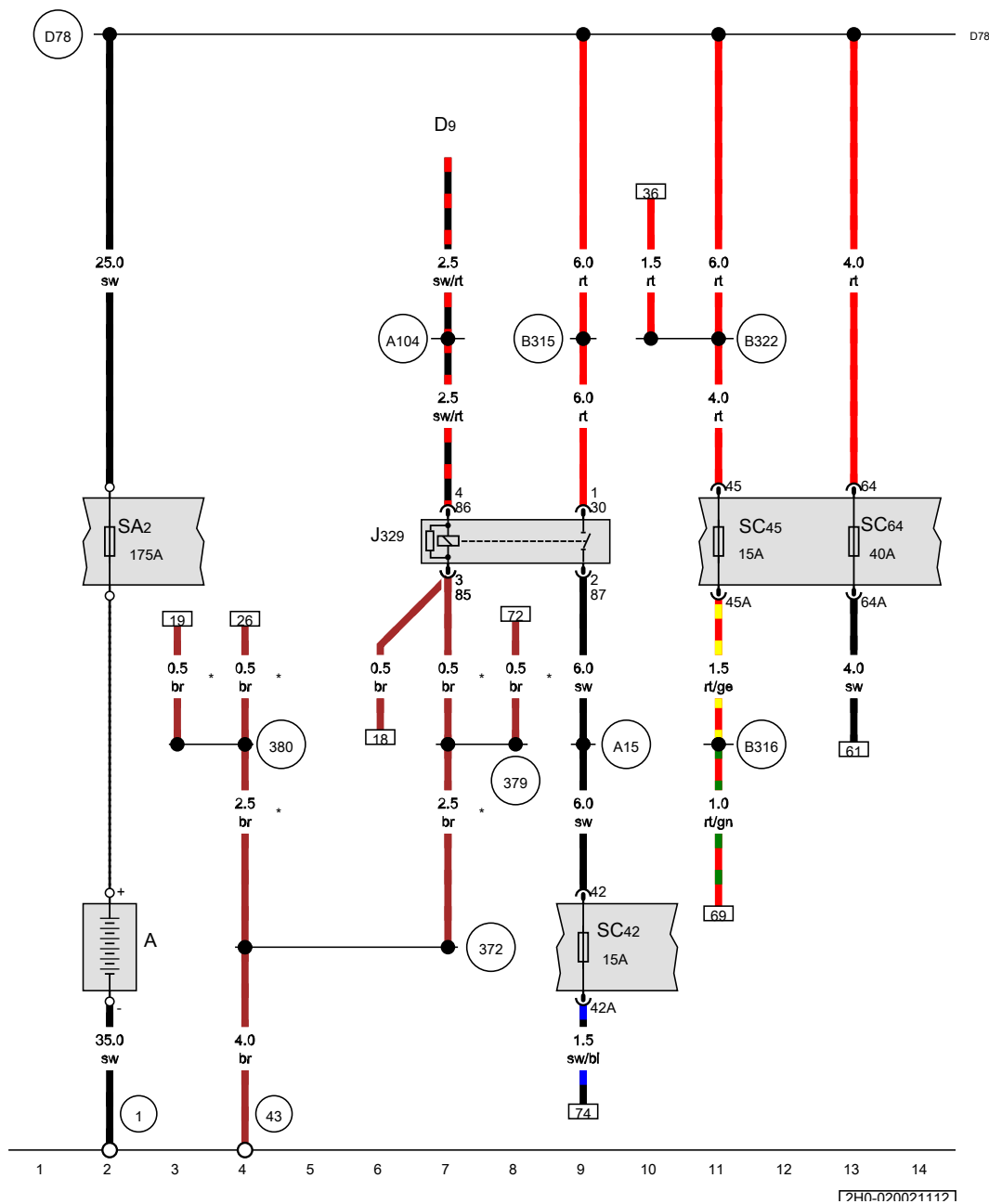
A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness

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

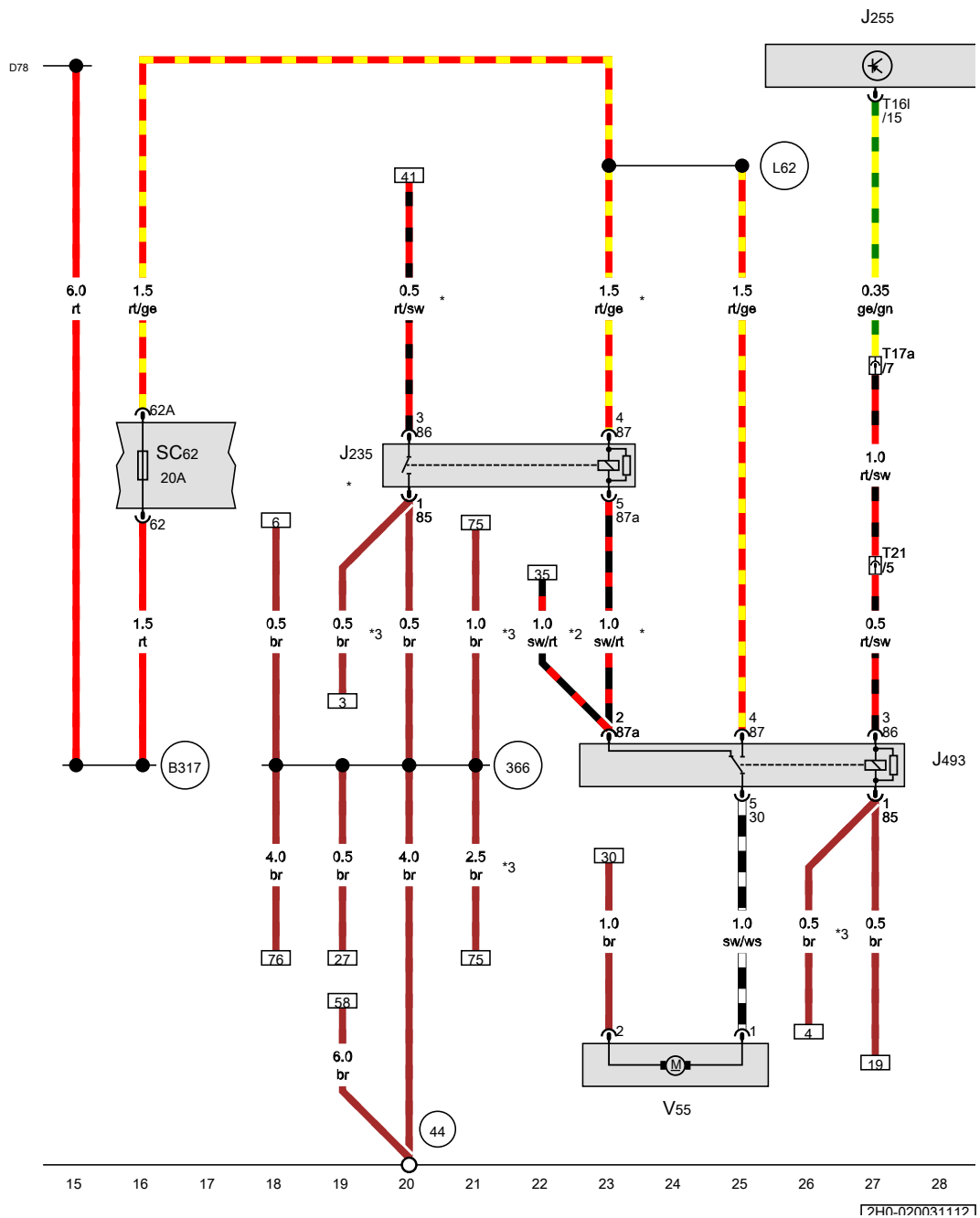
Climatronic, right-hand drive

From December 2009

Battery, Fuse 2 in fuse holder A, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C, Fuse 64 on fuse holder C

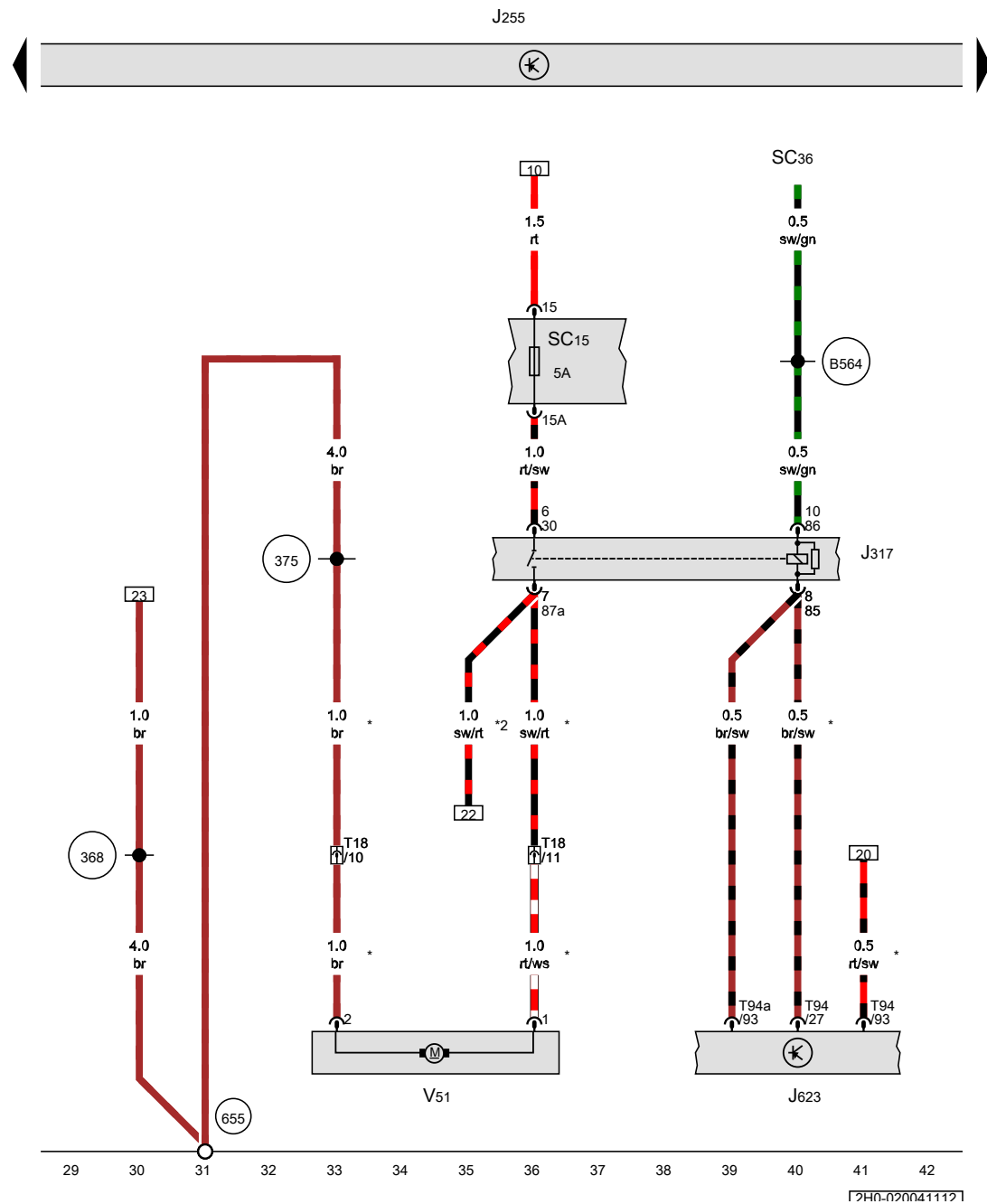


- A Battery
- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- SA2 Fuse 2 in fuse holder A
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- 1 Earth strap, battery - body
- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * From November 2011



Climatronic control unit, Fuse 62 on fuse holder C, Circulation pump

- J235 Coolant pump relay
- J255 Climatronic control unit
- J493 Auxiliary coolant heater relay
- SC62 Fuse 62 on fuse holder C
- T16l 16-pin connector
- T17a 17-pin connector, behind glove compartment
- T21 21-pin connector, on relay carrier
- V55 Circulation pump
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with petrol engine
- *2 Only models with diesel engine
- *3 From November 2011



**Climatronic control unit, Terminal 30 voltage supply relay,
Continued coolant circulation pump**

J255	Climatronic control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit
T94	94-pin connector
T94a	94-pin connector
V51	Continued coolant circulation pump

- 368 Earth connection 3, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B564 Connection 31, in main wiring harness

- * Only models with petrol engine
*2 Only models with diesel engine

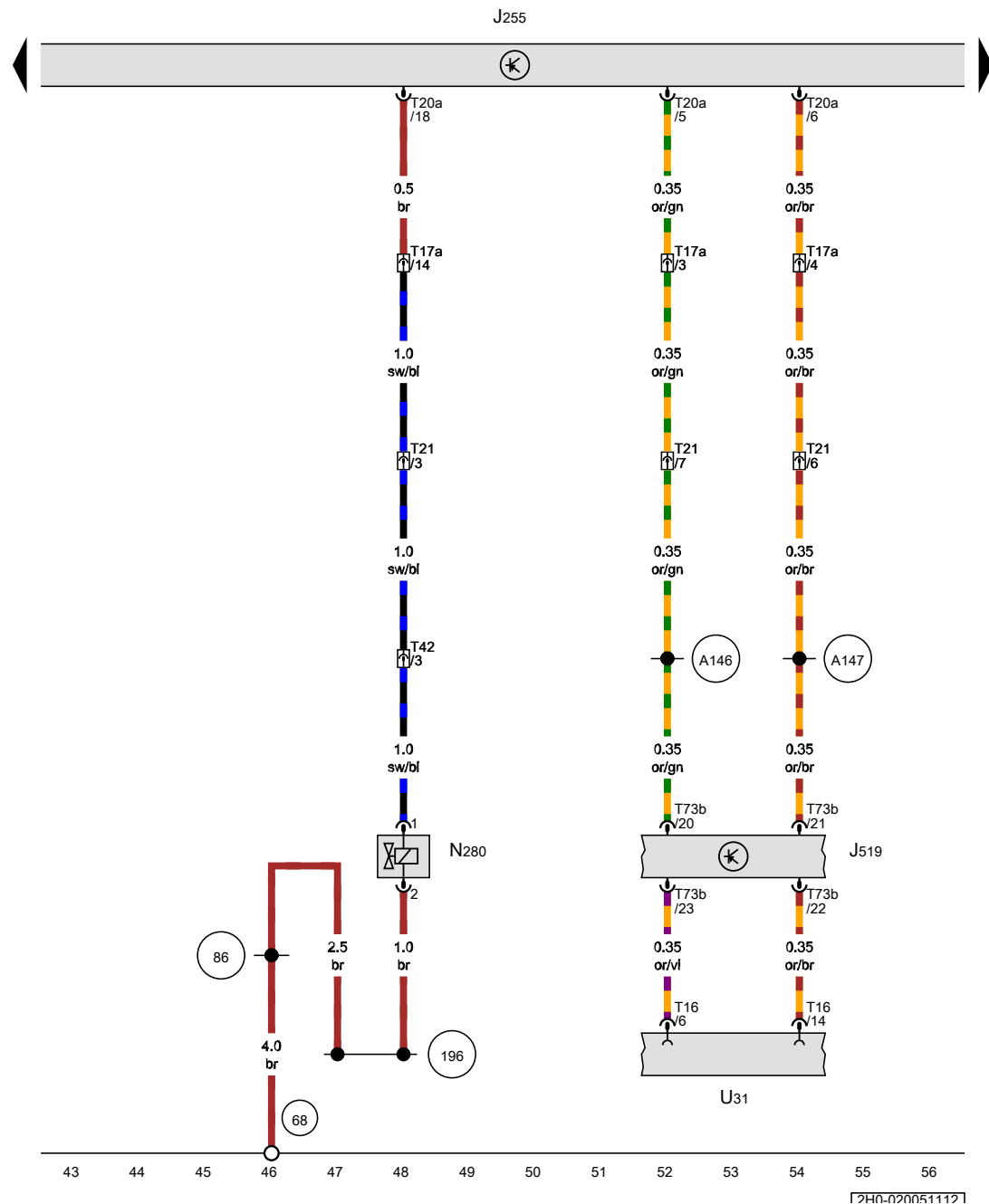
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sw = black
ro = red
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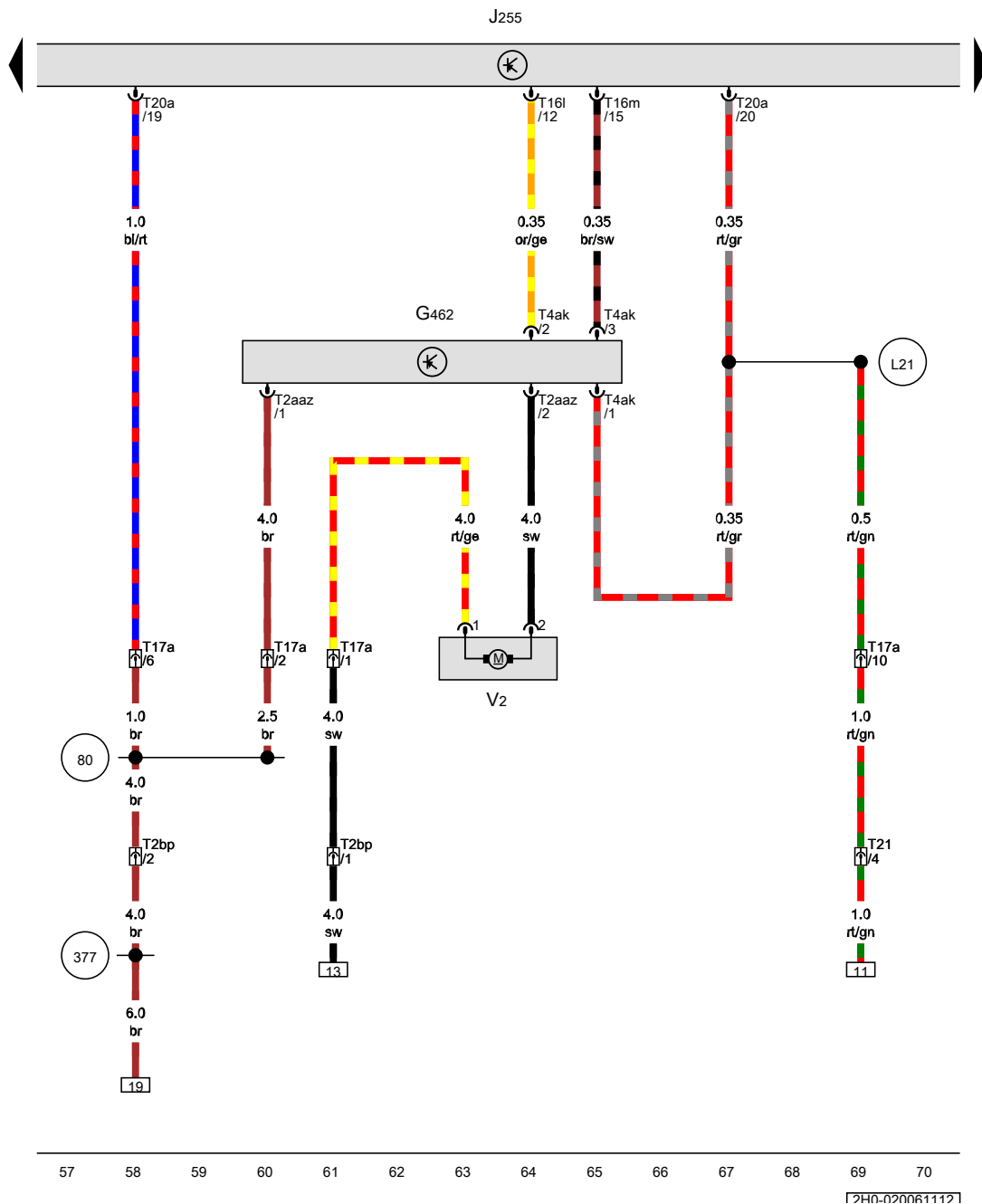
Climatronic control unit, Air conditioner compressor regulating valve, Diagnostic connection

- J255 Climatronic control unit
- J519 Onboard supply control unit
- N280 Air conditioner compressor regulating valve
- T16 16-pin connector
- T17a 17-pin connector, behind glove compartment
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier
- T42 42-pin connector, near handbrake lever
- T73b 73-pin connector
- U31 Diagnostic connection, near driver side A-pillar

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness

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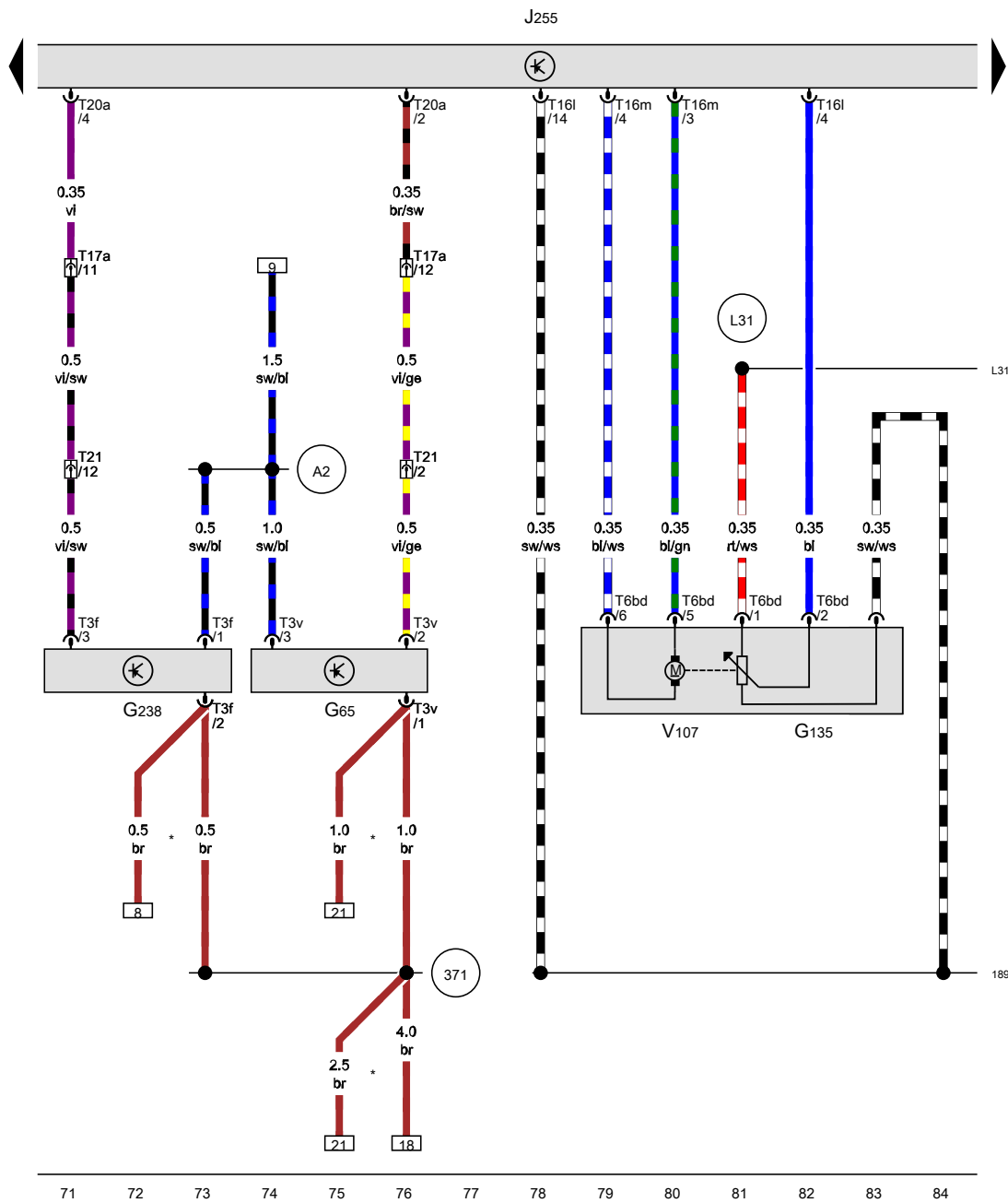




Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

- G462 Sender for front Bitron blower regulation
- J255 Climatronic control unit
- T2aaz 2-pin connector
- T2bp 2-pin connector
- T4ak 4-pin connector
- T16l 16-pin connector
- T16m 16-pin connector
- T17a 17-pin connector, behind glove compartment
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier
- V2 Fresh air blower

- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- L21 Connection 1 (30), in Climatronic operating unit wiring harness



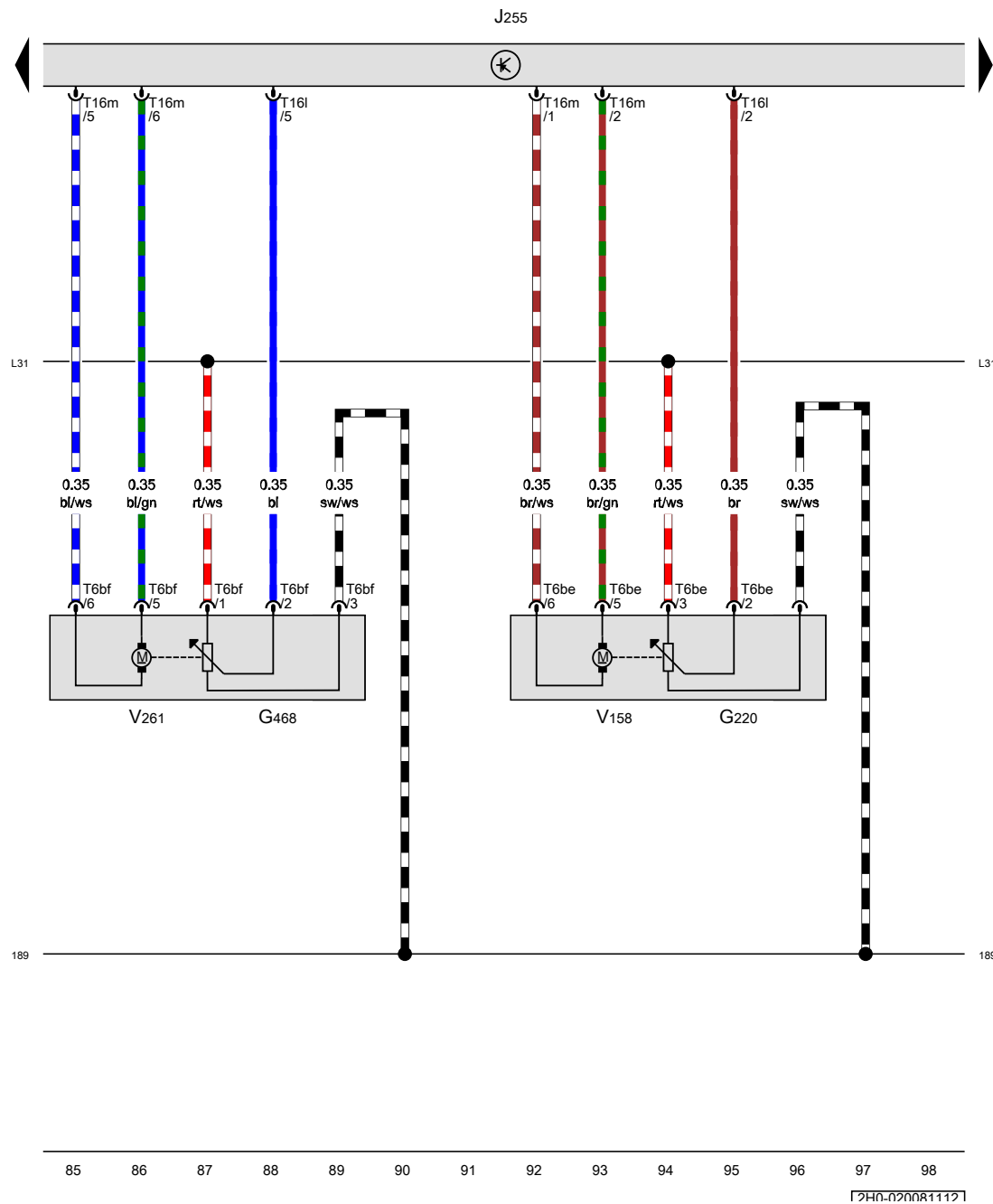
High-pressure sender, Potentiometer for defroster flap control motor, Air quality sensor, Climatronic control unit, Defroster flap control motor

- G65 High-pressure sender
- G135 Potentiometer for defroster flap control motor
- G238 Air quality sensor, near window wiper motor
- J255 Climatronic control unit
- T3f 3-pin connector
- T3v 3-pin connector
- T6bd 6-pin connector
- T16l 16-pin connector
- T16m 16-pin connector
- T17a 17-pin connector, behind glove compartment
- T20a 20-pin connector
- T21 21-pin connector, on relay carrier
- V107 Defroster flap control motor

- 189 Earth connection 1, in heater wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

* From November 2011

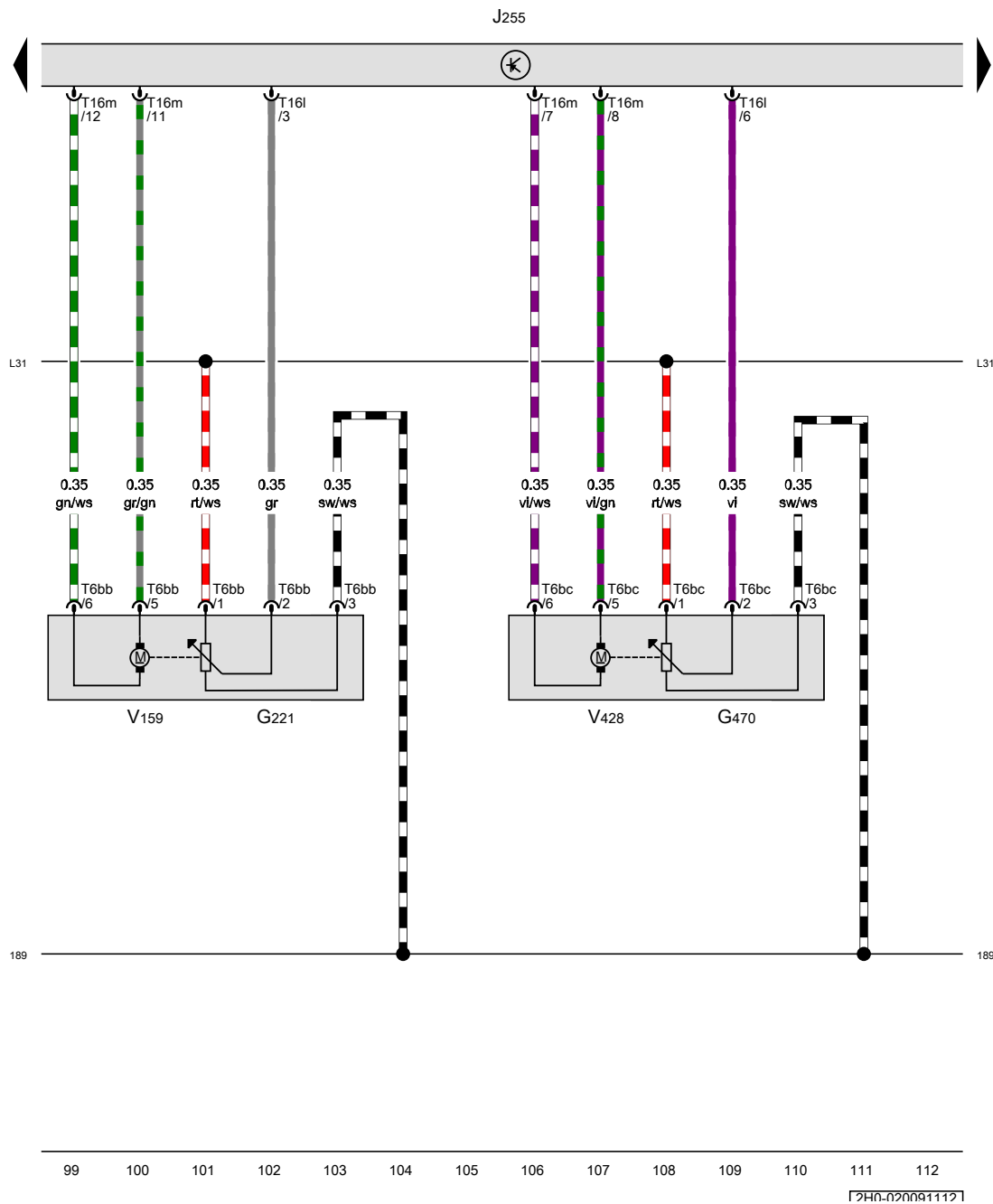
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Potentiometer for left temperature flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Left temperature flap control motor, Footwell flap control motor

- G220 Potentiometer for left temperature flap control motor
- G468 Potentiometer for footwell vent control motor
- J255 Climatronic control unit
- T6be 6-pin connector
- T6bf 6-pin connector
- T16l 16-pin connector
- T16m 16-pin connector
- V158 Left temperature flap control motor
- V261 Footwell flap control motor

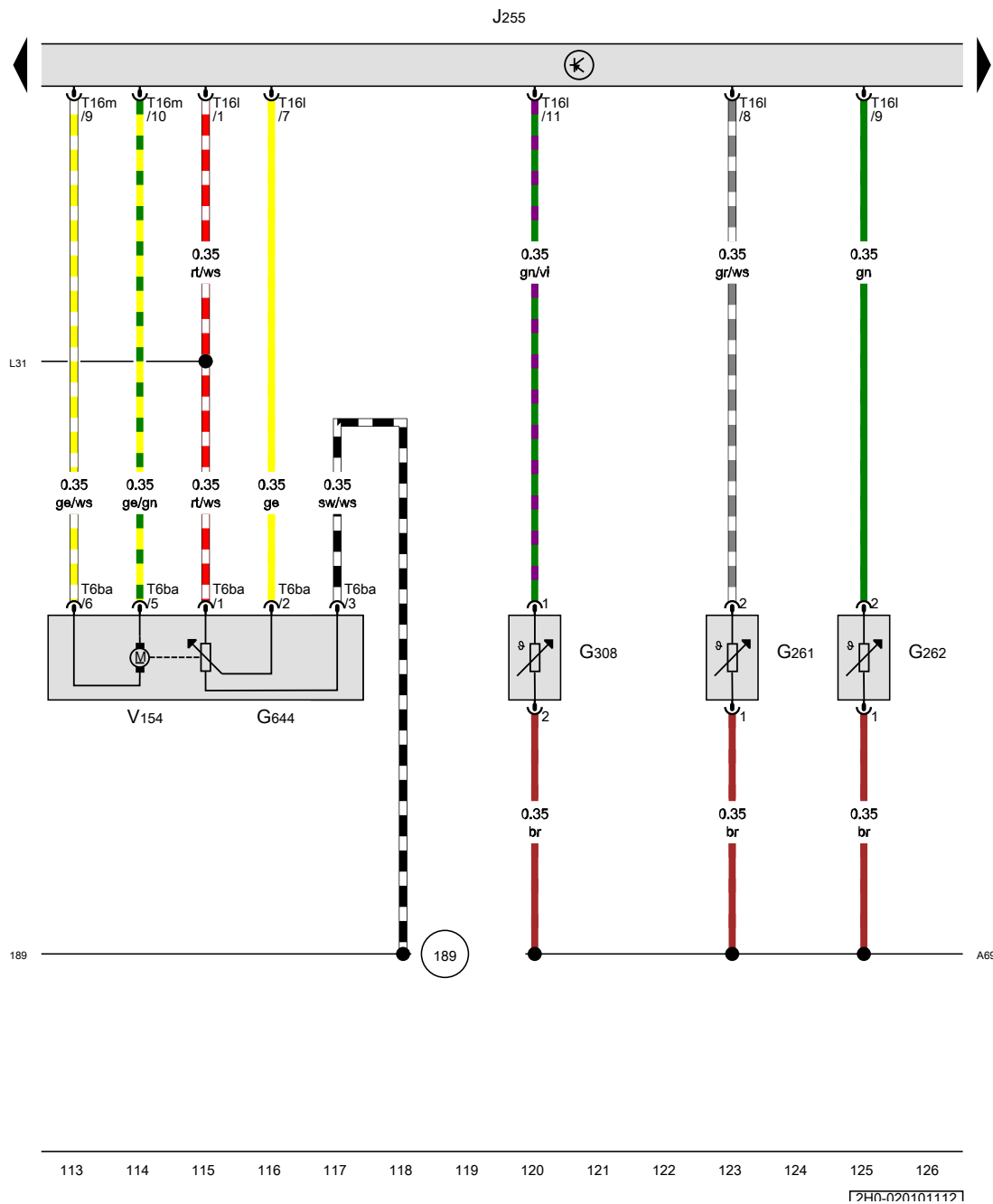
- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



Potentiometer for right temperature flap control motor,
Potentiometer for front air distribution control motor,
Climatronic control unit, Right temperature flap control
motor, Air distribution flap control motor

- G221 Potentiometer for right temperature flap control motor
- G470 Potentiometer for front air distribution control motor
- J255 Climatronic control unit
- T6bb 6-pin connector
- T6bc 6-pin connector
- T16l 16-pin connector
- T16m 16-pin connector
- V159 Right temperature flap control motor
- V428 Air distribution flap control motor

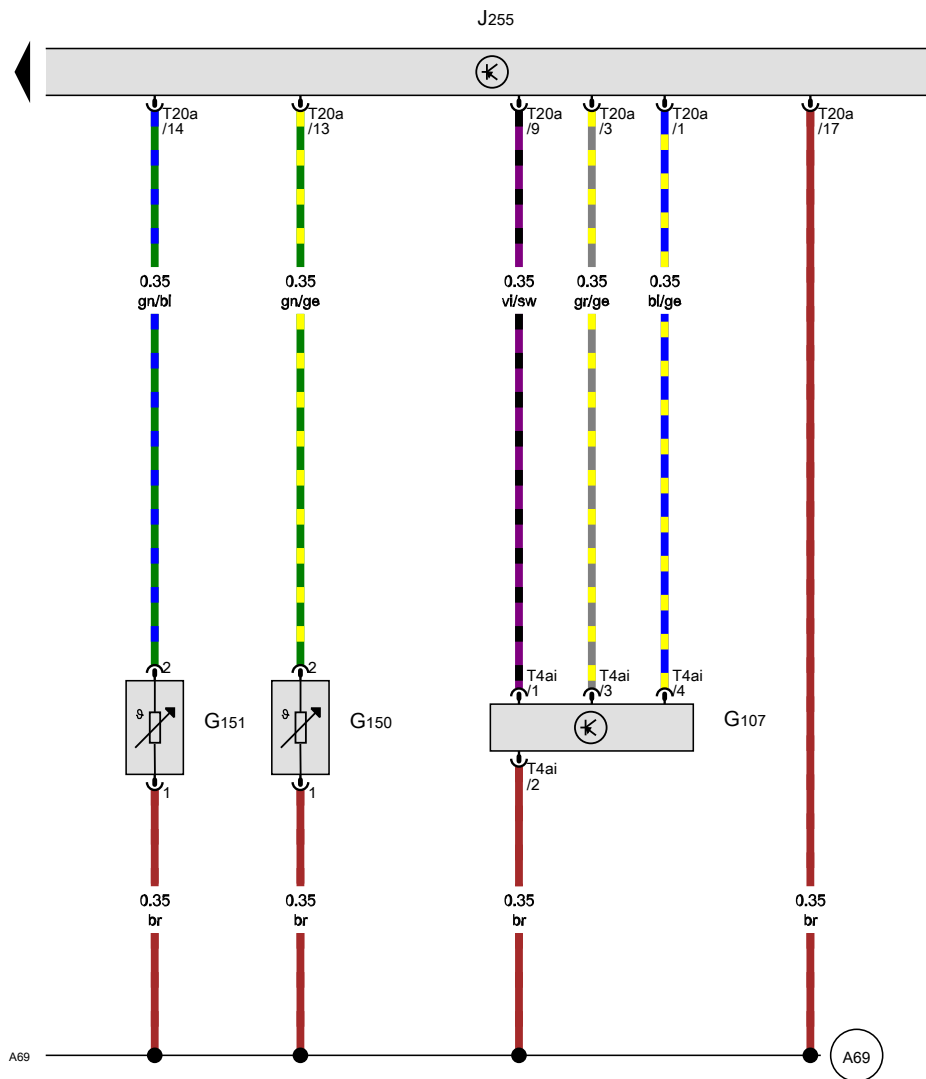
- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor

- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- G644 Potentiometer for fresh air/recirculated air, air flow flap control motor
- J255 Climatronic control unit
- T6ba 6-pin connector
- T16l 16-pin connector
- T16m 16-pin connector
- V154 Fresh air and air recirculation flap control motor

- 189 Earth connection 1, in heater wiring harness
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



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

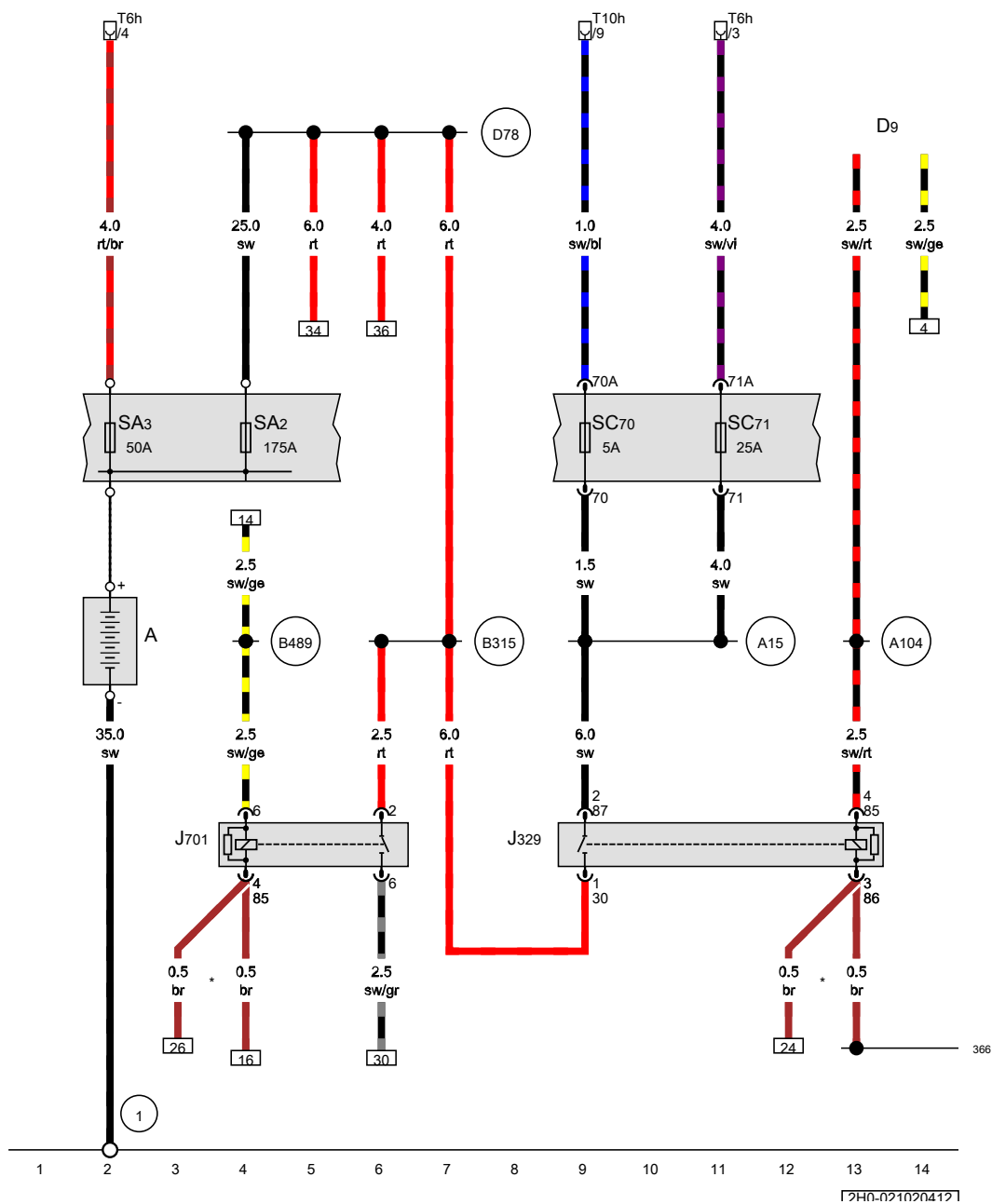
- G107 Sunlight penetration photosensor, in centre of dash panel
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- J255 Climatronic control unit
- T4ai 4-pin connector
- T20a 20-pin connector
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness

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 gr = grey
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Interface for external use

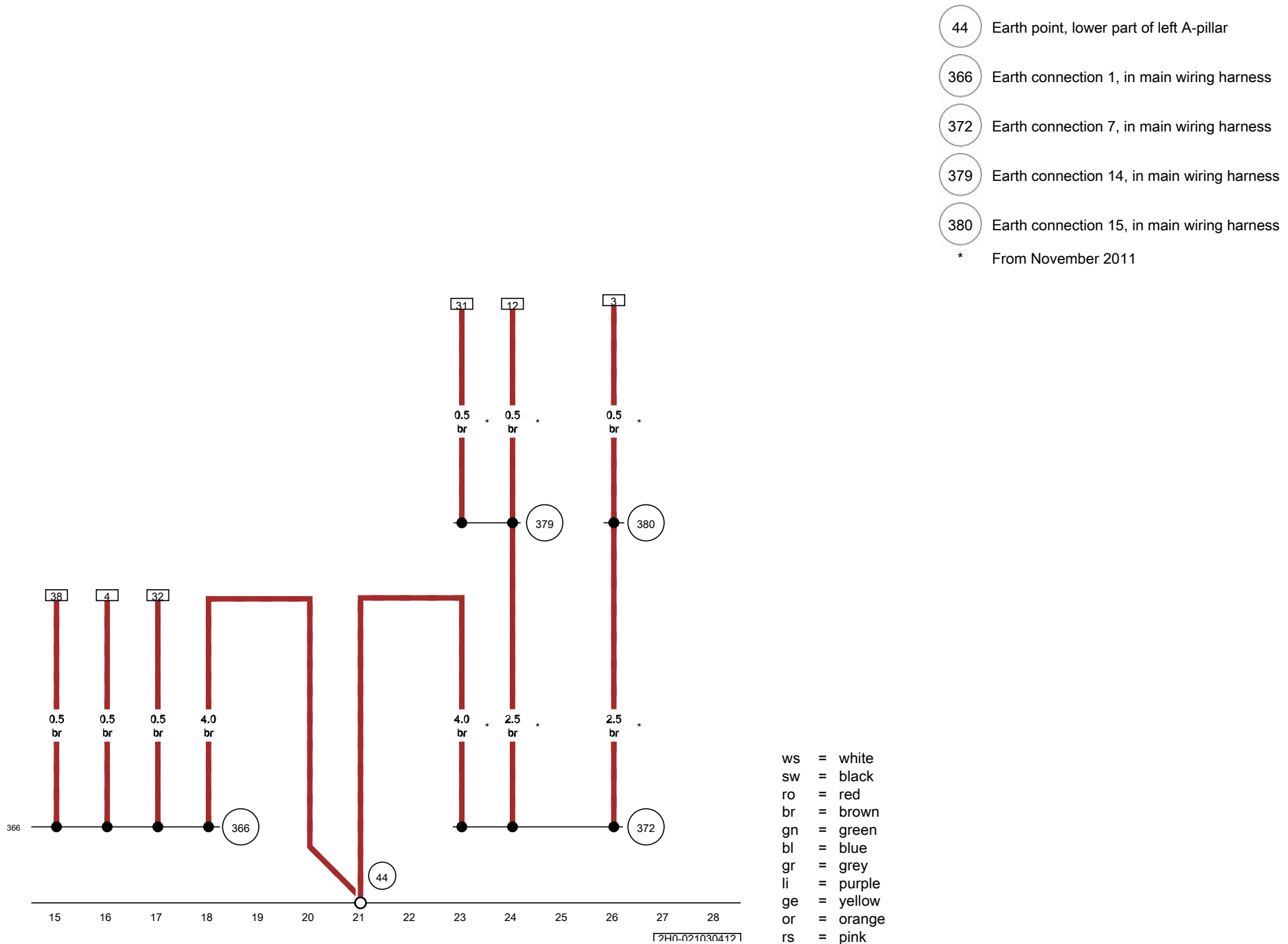
From December 2009

Battery, Electronic ignition lock, Fuse 2 in fuse holder A, Fuse 3 in fuse holder A, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C

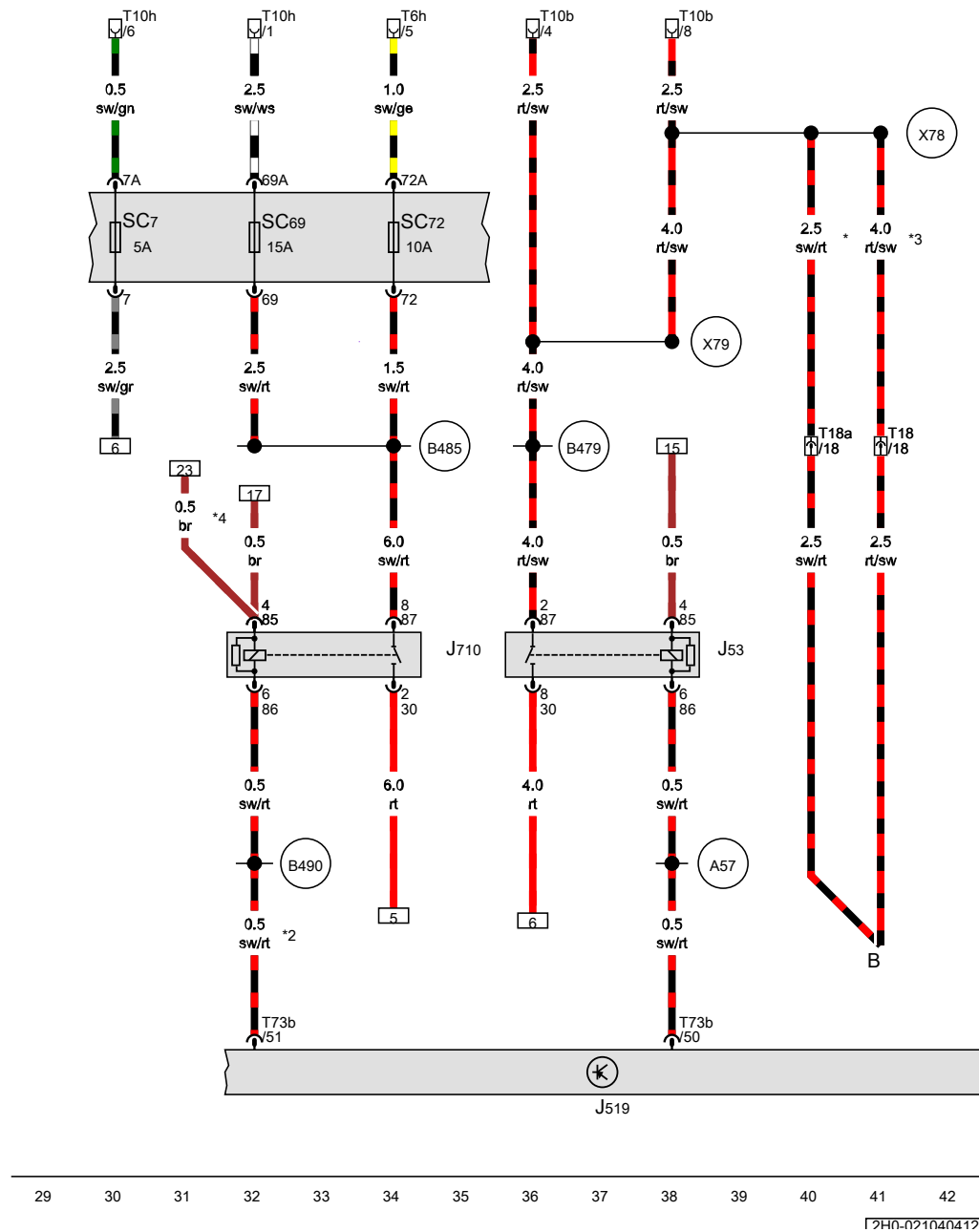


- A Battery
- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay, on relay carrier
- J701 Voltage supply relay 1
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- SC70 Fuse 70 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in front centre console, grey
- T10h 10-pin connector, in left footwell, near centre console, purple
- 1 Earth strap, battery - body
- 366 Earth connection 1, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * From November 2011

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Starter motor relay, Onboard supply control unit, Voltage supply relay 2, Fuse 7 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C



- B Starter
- J53 Starter motor relay, on relay carrier
- J519 Onboard supply control unit
- J710 Voltage supply relay 2, on relay carrier
- SC7 Fuse 7 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T6h 6-pin connector, in front centre console, grey
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey
- T73b 73-pin connector

(A57) Positive connection 3 (30), in dash panel wiring harness

(B479) Connection 15, in main wiring harness

(B485) Connection 21, in main wiring harness

(B490) Connection 26, in main wiring harness

(X78) Connection 1, in optional equipment wiring harness

(X79) Connection 2, in optional equipment wiring harness

- * Only models with diesel engine
- *2 Only models with no start/stop system
- *3 Only models with petrol engine
- *4 From November 2011

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- sw = black
- ro = red
- br = brown
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- bl = blue
- gr = grey
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- or = orange
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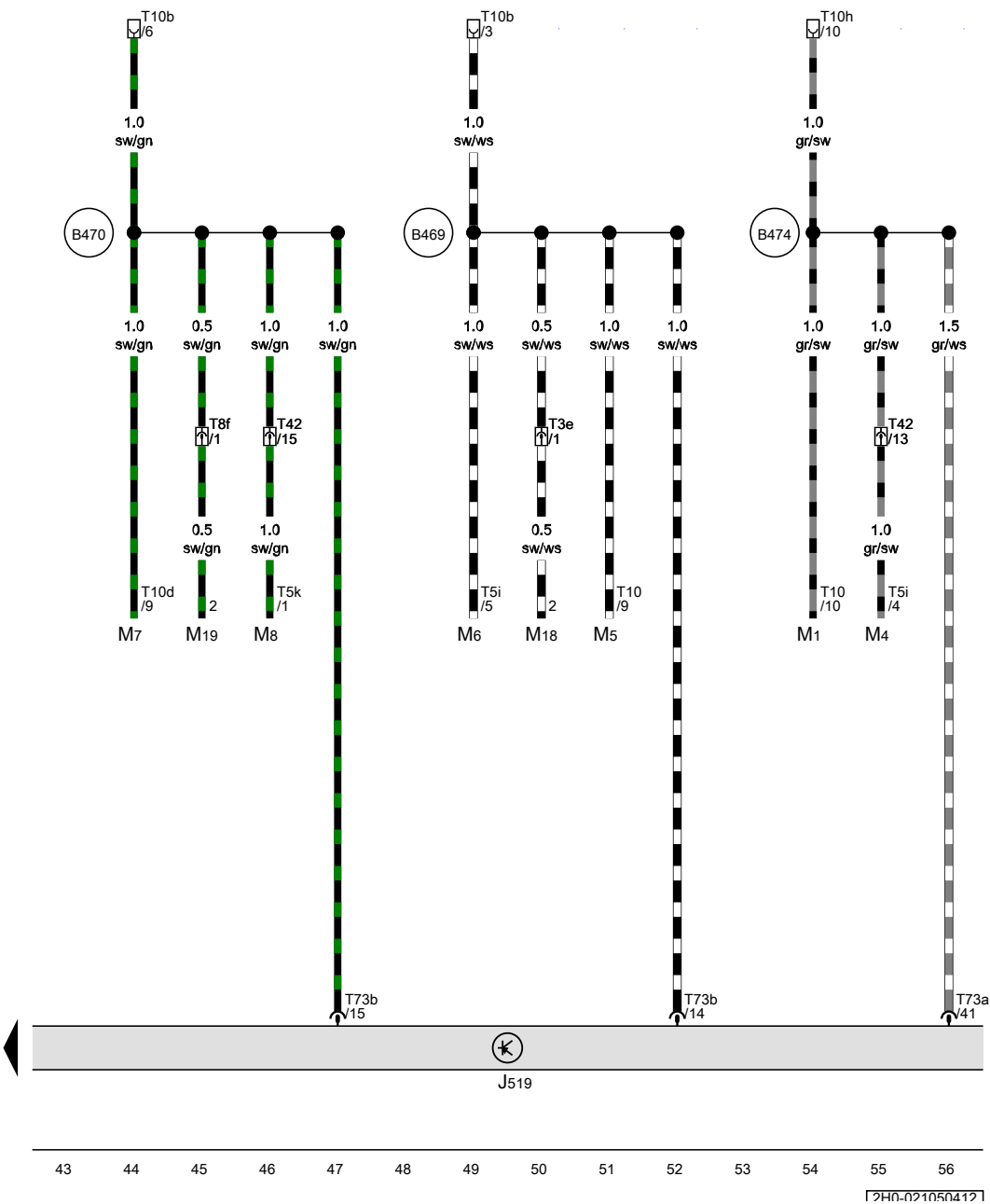
Onboard supply control unit, Left side light bulb, Left tail light bulb, Front left turn signal bulb, Rear left turn signal bulb, Front right turn signal bulb, Rear right turn signal bulb, Left turn signal repeater bulb, Right turn signal repeater bulb

- J519 Onboard supply control unit
- M1 Left side light bulb
- M4 Left tail light bulb
- M5 Front left turn signal bulb
- M6 Rear left turn signal bulb
- M7 Front right turn signal bulb
- M8 Rear right turn signal bulb
- M18 Left turn signal repeater bulb
- M19 Right turn signal repeater bulb
- T3e 3-pin connector, in rear right of engine compartment, black
- T5i 5-pin connector
- T5k 5-pin connector
- T8f 8-pin connector, in rear left of engine compartment, black
- T10 10-pin connector
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10d 10-pin connector
- T10h 10-pin connector, in left footwell, near centre console, purple
- T42 42-pin connector, near handbrake lever, black
- T73a 73-pin connector
- T73b 73-pin connector

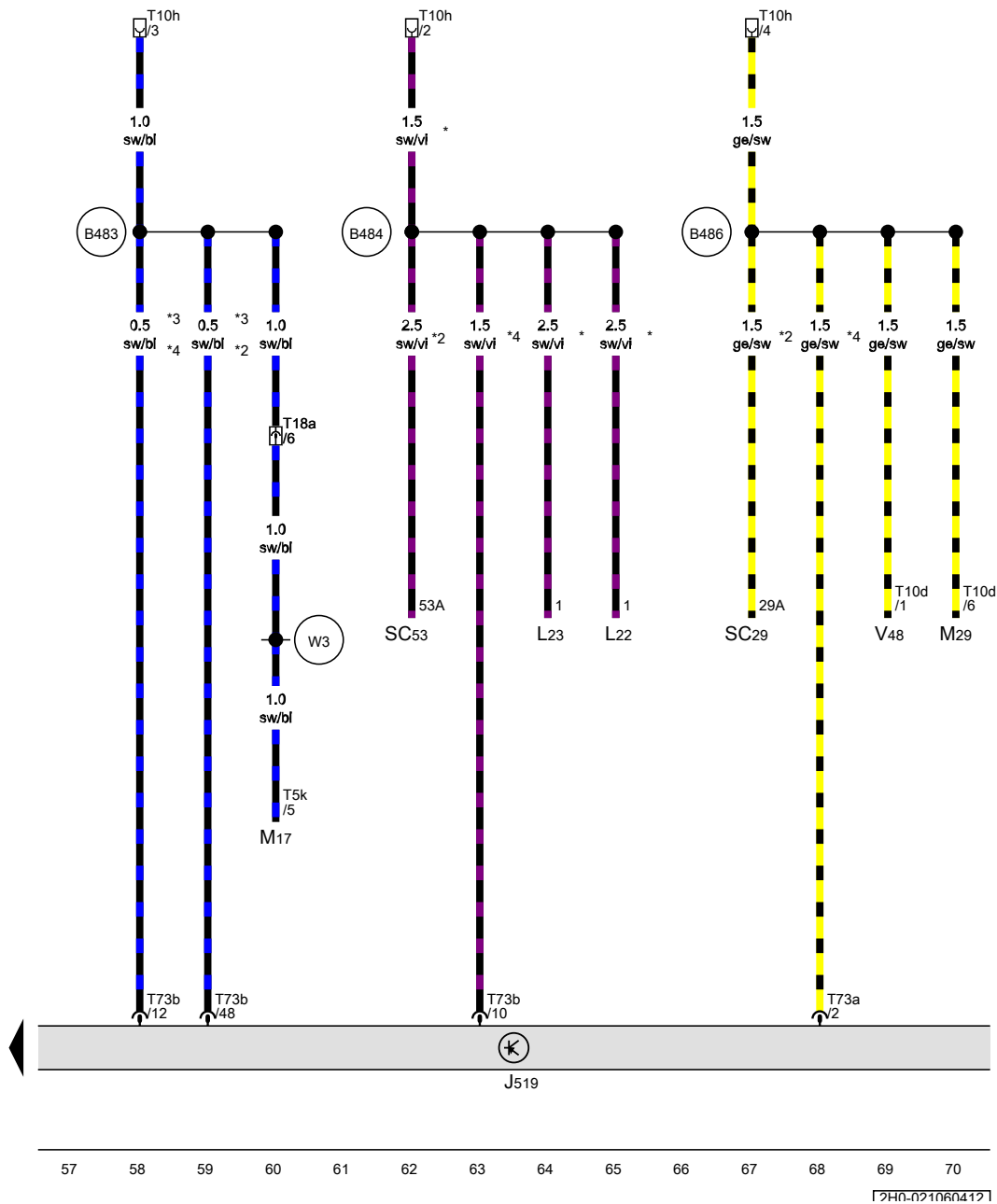
(B469) Connection 5, in main wiring harness

(B470) Connection 6, in main wiring harness

(B474) Connection 10, in main wiring harness

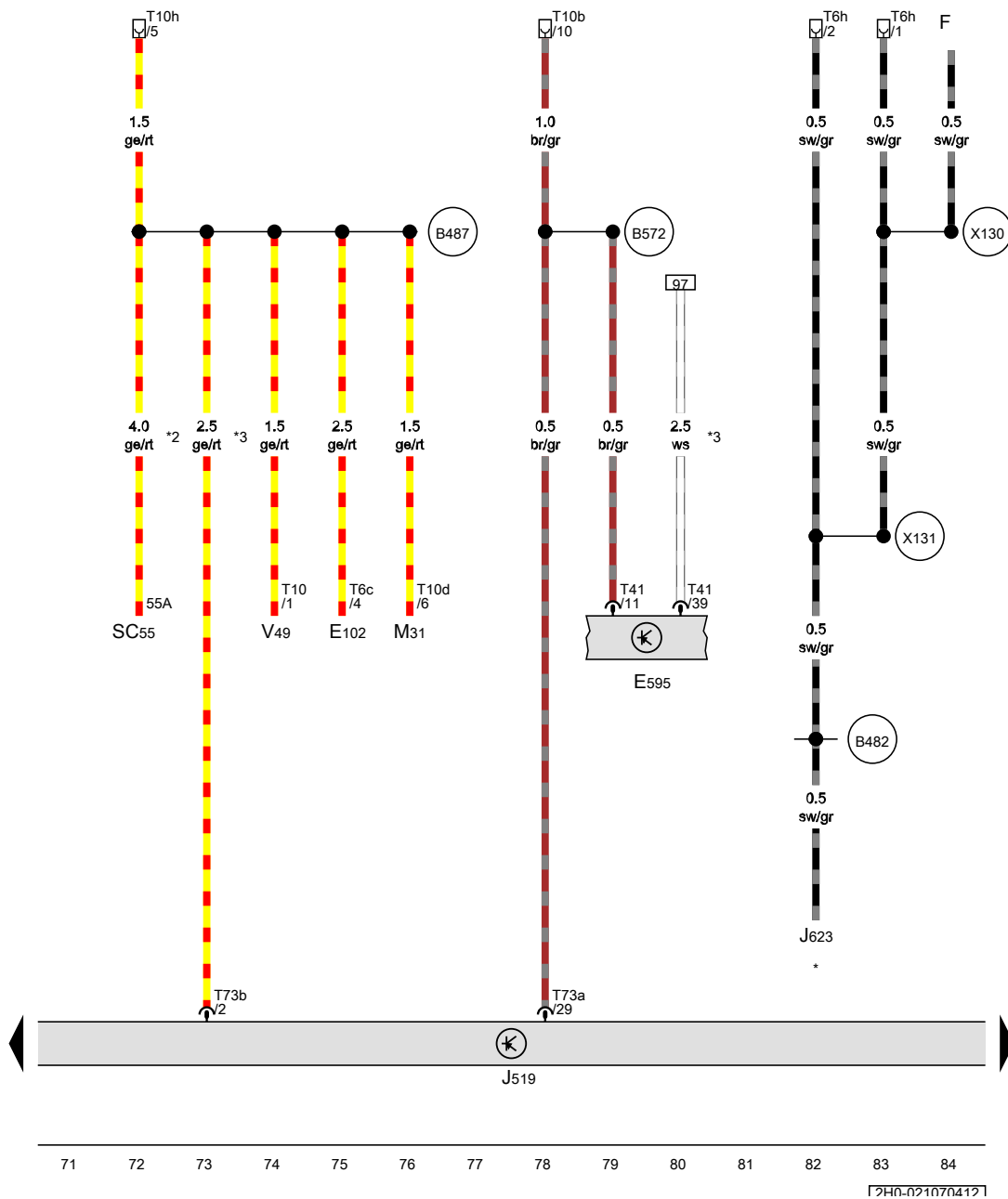


Onboard supply control unit, Left fog light bulb, Right fog light bulb, Right reversing light bulb, Left headlight dipped beam bulb, Fuse 29 on fuse holder C, Fuse 53 on fuse holder C, Left headlight range control motor



- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- M17 Right reversing light bulb
- M29 Left headlight dipped beam bulb
- SC29 Fuse 29 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T5k 5-pin connector
- T10d 10-pin connector, black
- T10h 10-pin connector, in left footwell, near centre console, purple
- T18a 18-pin connector, near engine control unit, grey
- T73a 73-pin connector
- T73b 73-pin connector
- V48 Left headlight range control motor
- B483 Connection 19, in main wiring harness
- B484 Connection 20, in main wiring harness
- B486 Connection 22, in main wiring harness
- W3 Connection in rear wiring harness
- * Only models with fog lights
- *2 Only models with no start/stop system
- *3 Only models with manual gearbox
- *4 Only models with start/stop system

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



Headlight range control regulator, Steering column combination switch, Brake light switch, Onboard supply control unit, Engine control unit, Right headlight dipped beam bulb, Fuse 55 on fuse holder C, Right headlight range control motor

E102	Headlight range control regulator
E595	Steering column combination switch
F	Brake light switch
J519	Onboard supply control unit
J623	Engine control unit
M31	Right headlight dipped beam bulb
SC55	Fuse 55 on fuse holder C
T6c	6-pin connector, black
T6h	6-pin connector, in front centre console, grey
T10	10-pin connector
T10b	10-pin connector, in left footwell, near centre console, yellow
T10d	10-pin connector, black
T10h	10-pin connector, in left footwell, near centre console, purple
T41	41-pin connector
T73a	73-pin connector
T73b	73-pin connector
V49	Right headlight range control motor

- B482 Connection 18, in main wiring harness
- B487 Connection 23, in main wiring harness
- B572 Connection 39, in main wiring harness
- X130 Connection 3, in optional equipment wiring harness
- X131 Connection 4, in optional equipment wiring harness

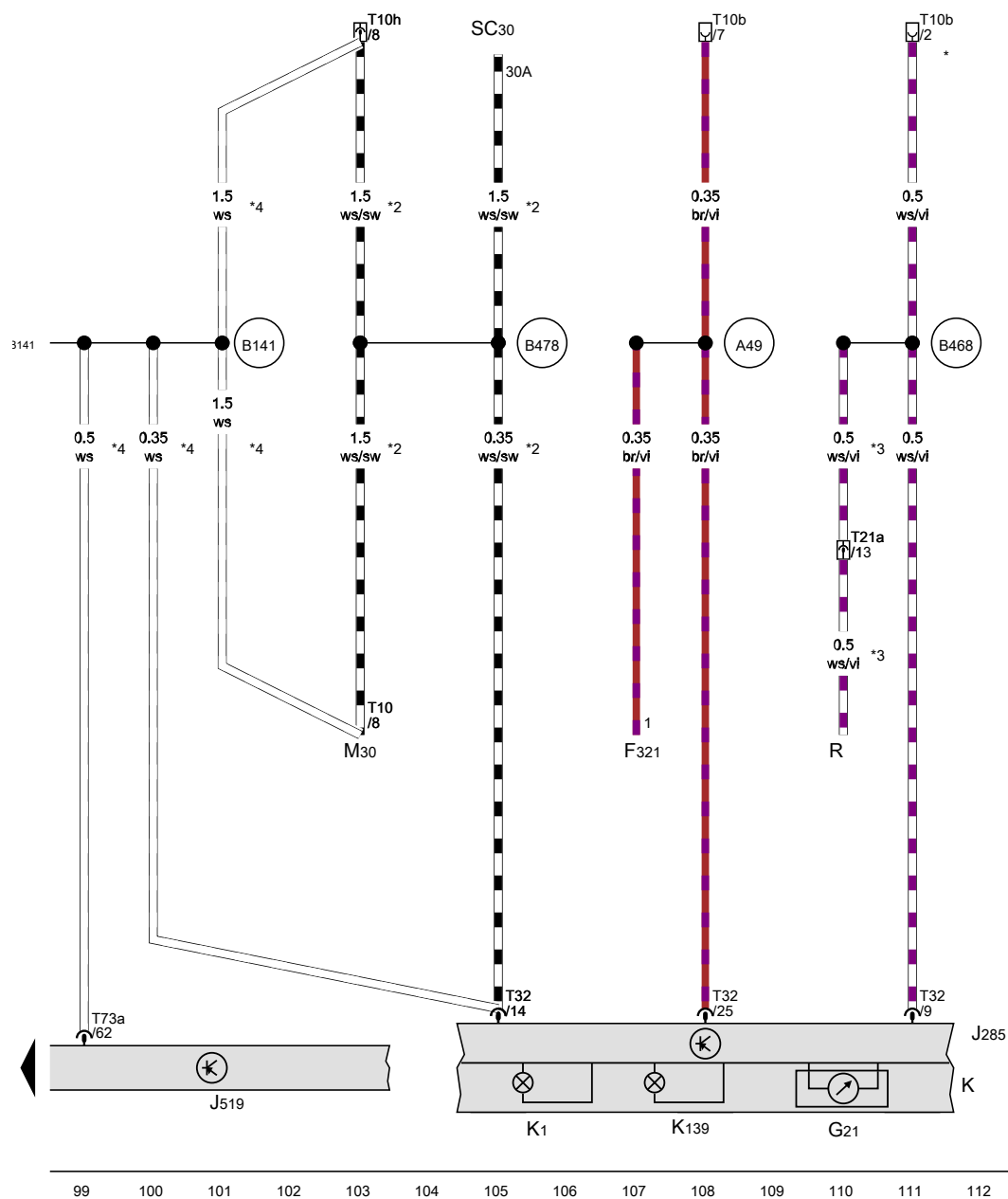
- * see applicable current flow diagram for engine
*2 Only models with no start/stop system
*3 Only models with start/stop system

ws = white
sw = black
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gr = grey
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E1	Light switch
J519	Onboard supply control unit
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
T10b	10-pin connector, in left footwell, near centre console, yellow
T10d	10-pin connector
T10h	10-pin connector, in left footwell, near centre console, purple
T10j	10-pin connector
T17	17-pin connector

- * Only models with no start/stop system
- *2 Only models with start/stop system
- *3 From November 2011





Parking brake contact switch, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Left headlight main beam bulb, Radio, Fuse 30 on fuse holder C

- F321 Parking brake contact switch
- G21 Speedometer
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K139 Handbrake warning lamp
- M30 Left headlight main beam bulb
- R Radio
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T21a 21-pin connector, on relay carrier, brown
- T32 32-pin connector, blue
- T73a 73-pin connector

- A49 Connection 1, in dash panel wiring harness
- B141 Positive connection 1 (56a), in interior wiring harness
- B468 Connection 4, in main wiring harness
- B478 Connection 14, in main wiring harness
- * Speed signal
- *2 Only models with no start/stop system
- *3 Only models with radio
- *4 Only models with start/stop system

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

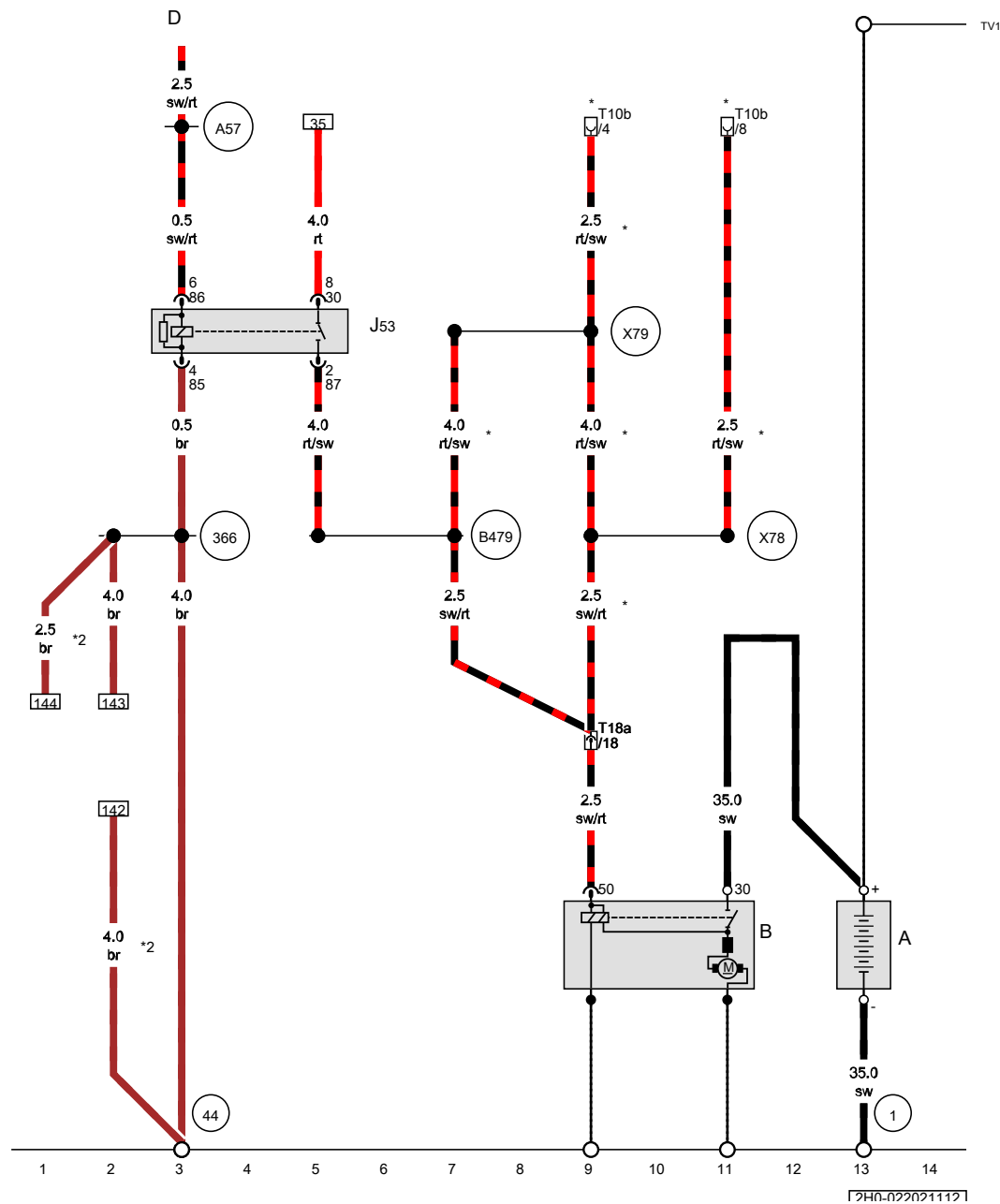
2.0l diesel engine , CDBA

From December 2009

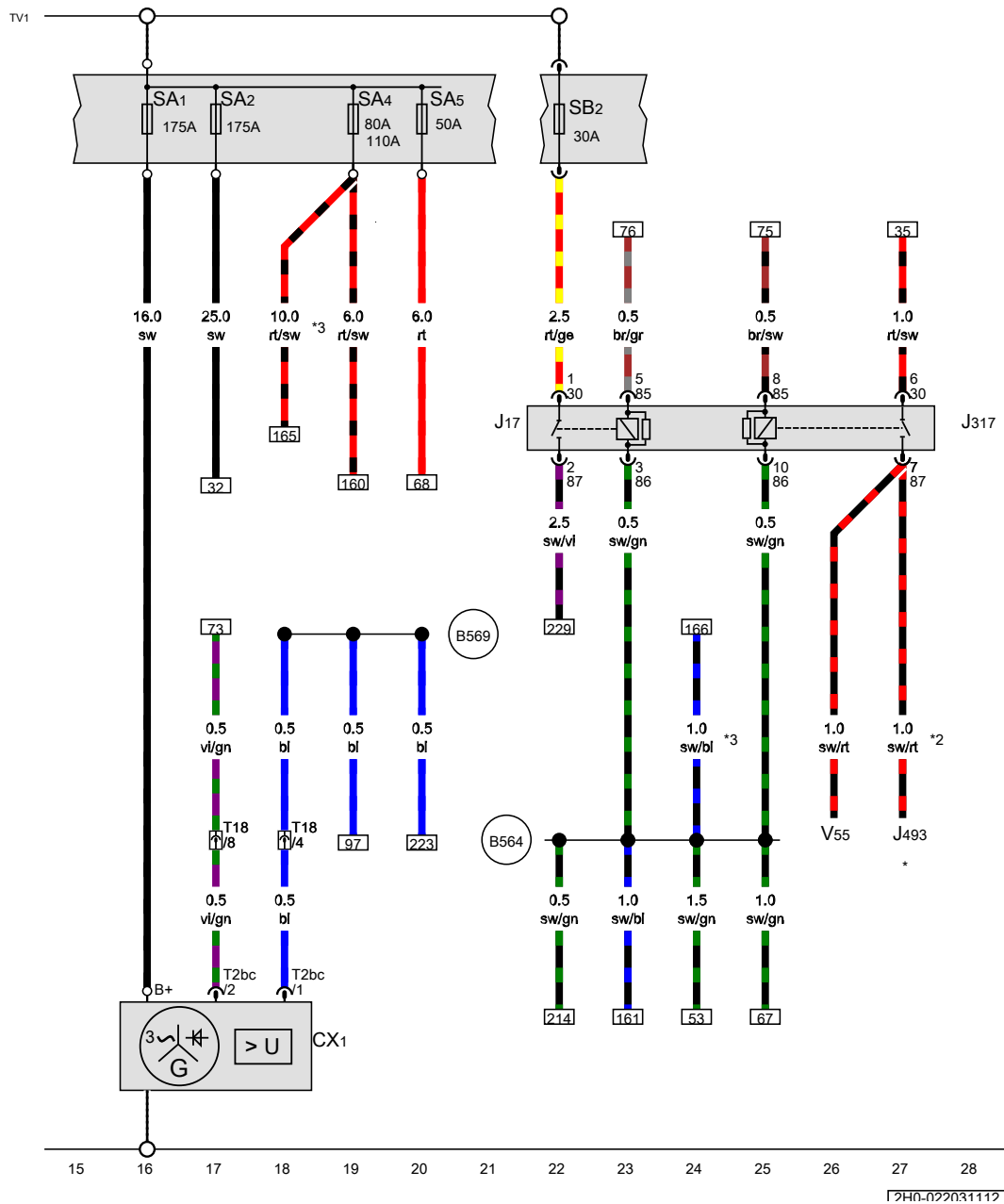
Battery, Starter, Starter motor relay

- A Battery
- B Starter
- D Ignition/starter switch
- J53 Starter motor relay
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A57 Positive connection 3 (30), in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- X78 Connection 1, in optional equipment wiring harness
- X79 Connection 2, in optional equipment wiring harness
- * Only models with electric interface for external use
- *2 From November 2011



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- ge = yellow
- or = orange
- rs = pink



Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 5 in fuse holder A

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- SA1 Fuse 1 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- SA2 Fuse 2 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T2bc 2-pin connector
- T5e 5-pin connector
- T18 18-pin connector, near engine control unit, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness

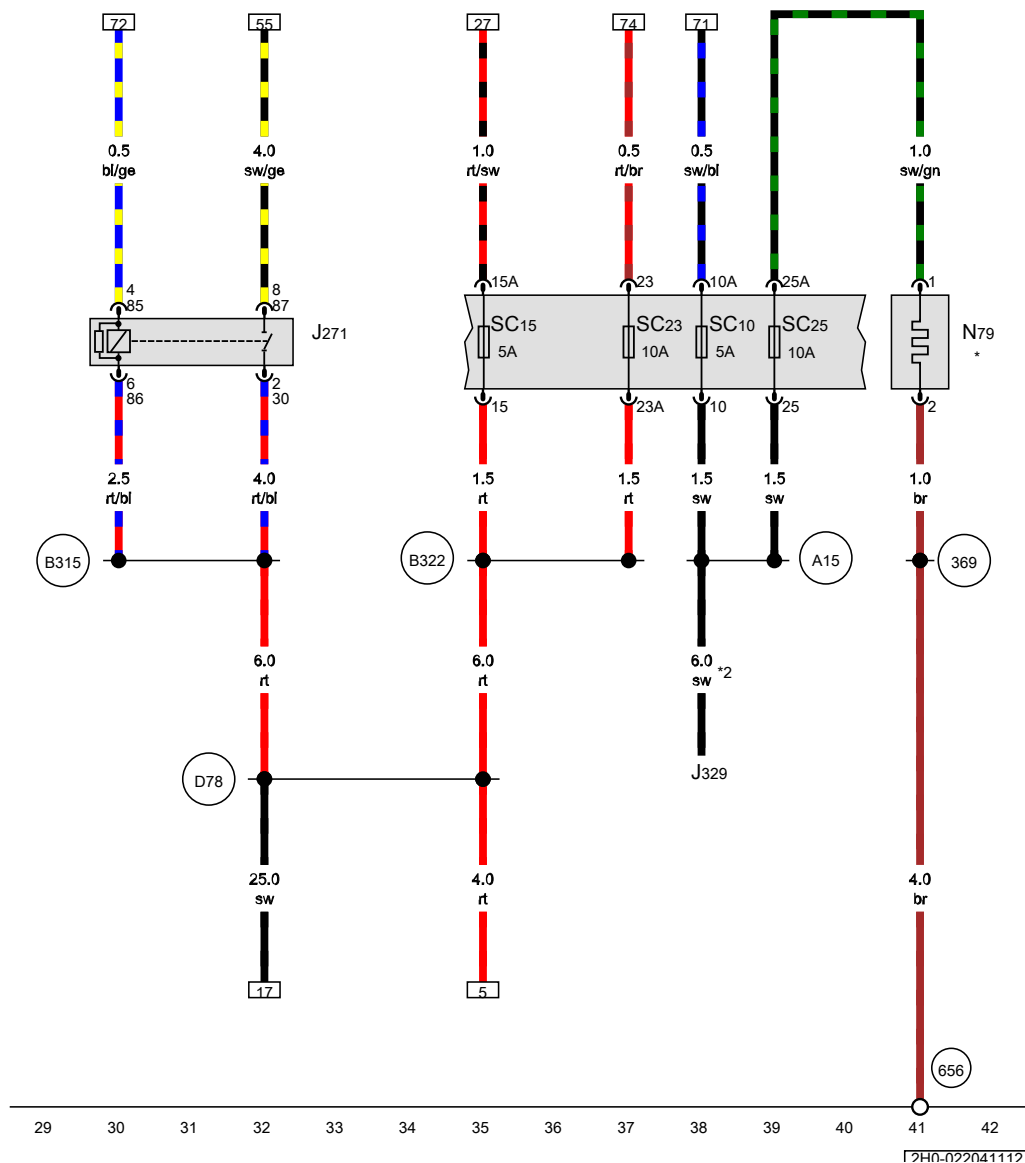
- * see applicable current flow diagram for fuse assignment
- *2 Only models with Climatronic
- *3 Only for countries with hot climate

ws = white
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 ge = yellow
 or = orange
 rs = pink

Main relay, Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

- J271 Main relay, on relay carrier
- J329 Terminal 15 voltage supply relay
- N79 Heater element for crankcase breather
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C

- 369 Earth connection 4, in main wiring harness
- 656 Earth point, on right headlight
- A15 Positive connection (15), in instrument wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with crankcase breather heater element
- *2 see applicable current flow diagram for fuse assignment



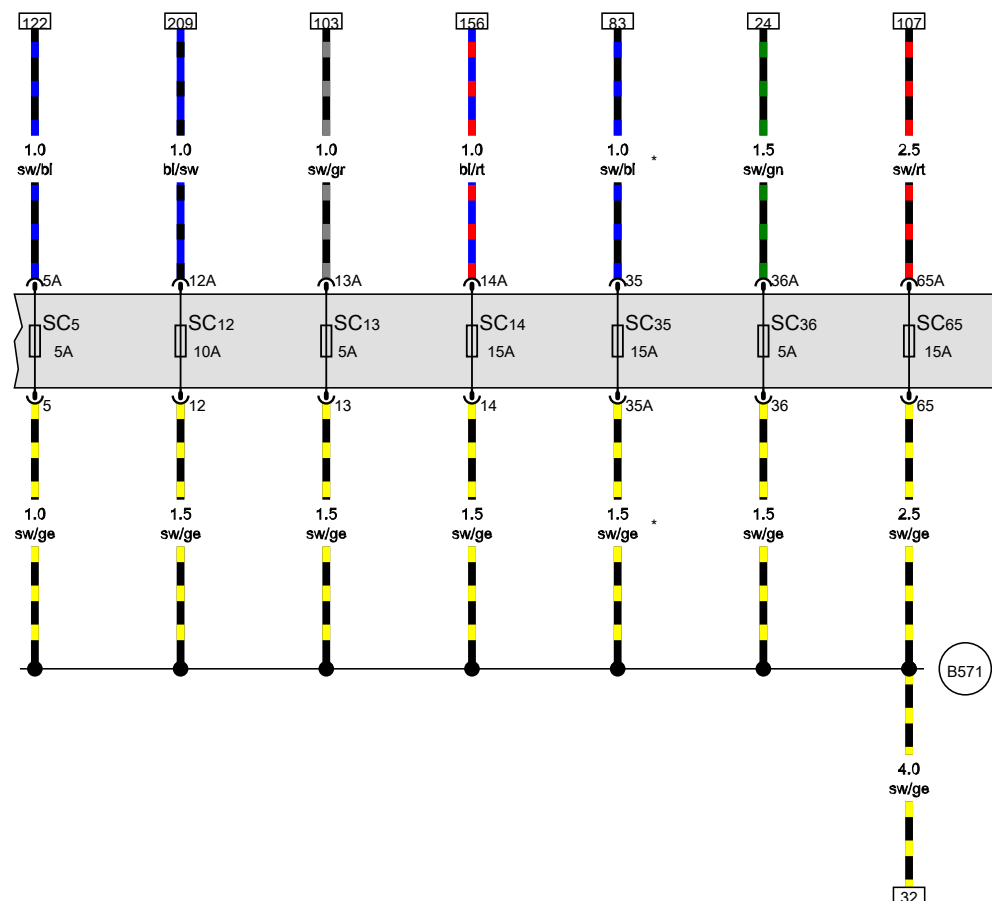
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Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

SC5 Fuse 5 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
SC35 Fuse 35 on fuse holder C
SC36 Fuse 36 on fuse holder C
SC65 Fuse 65 on fuse holder C

B571 Connection 38, in main wiring harness

* Only models with Euro 5 emission standard



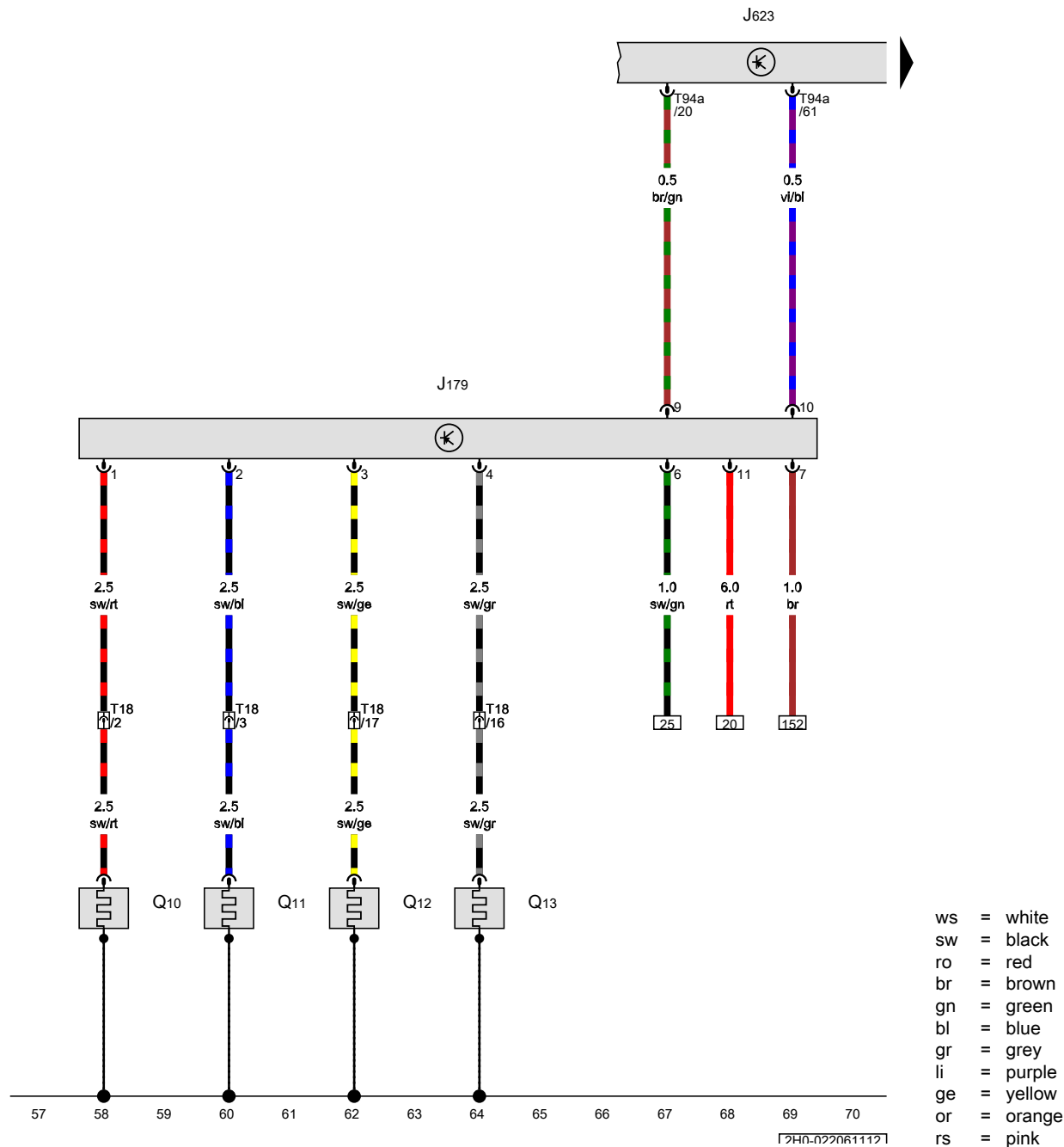
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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

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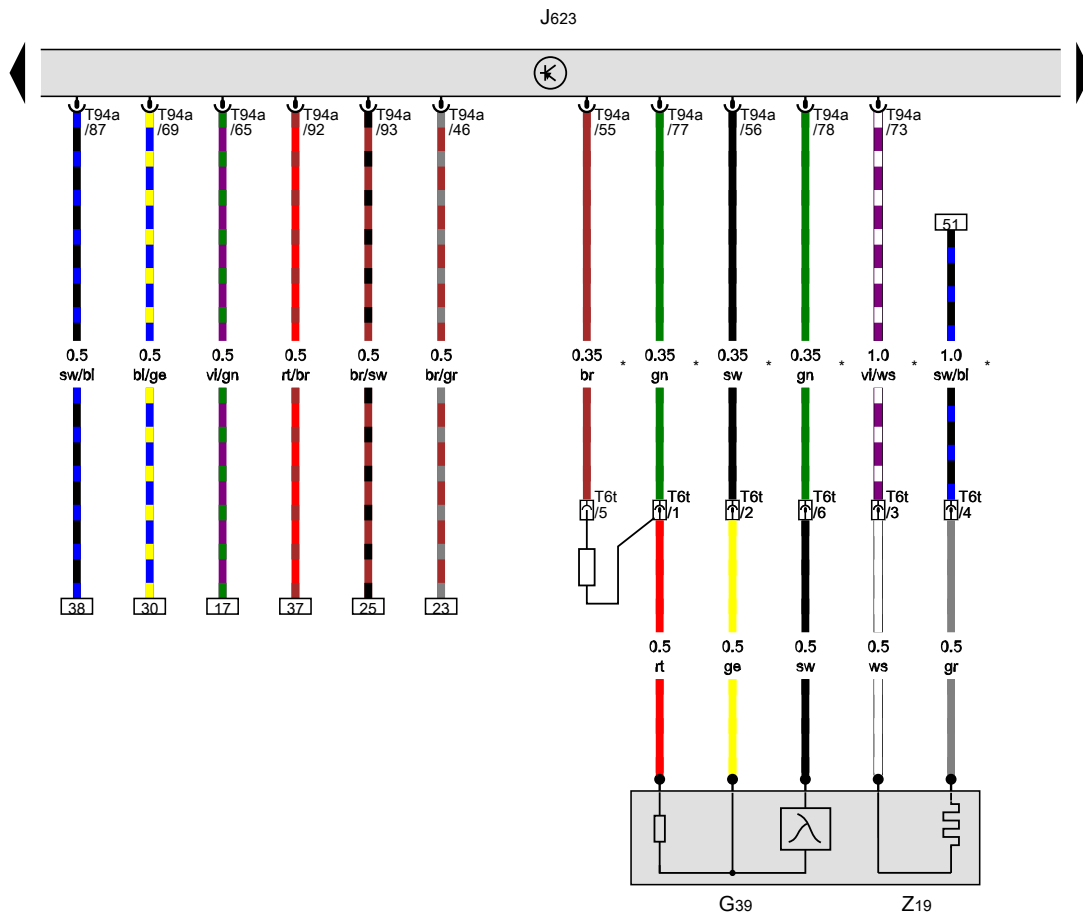
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

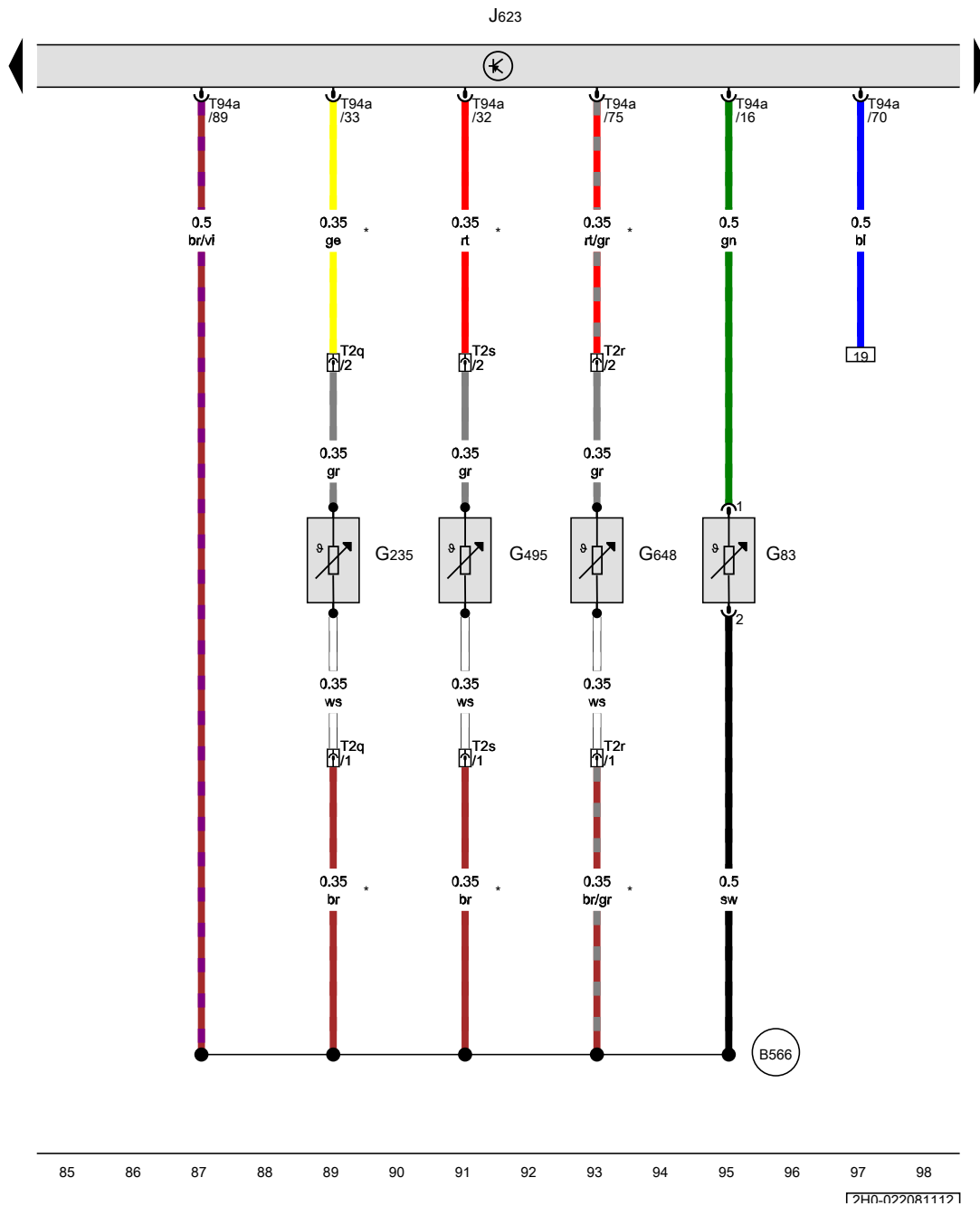


Lambda probe, Engine control unit

- G39 Lambda probe
- J623 Engine control unit
- T6t 6-pin connector, front right in engine compartment, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater
- * Only models with Euro 5 emission standard

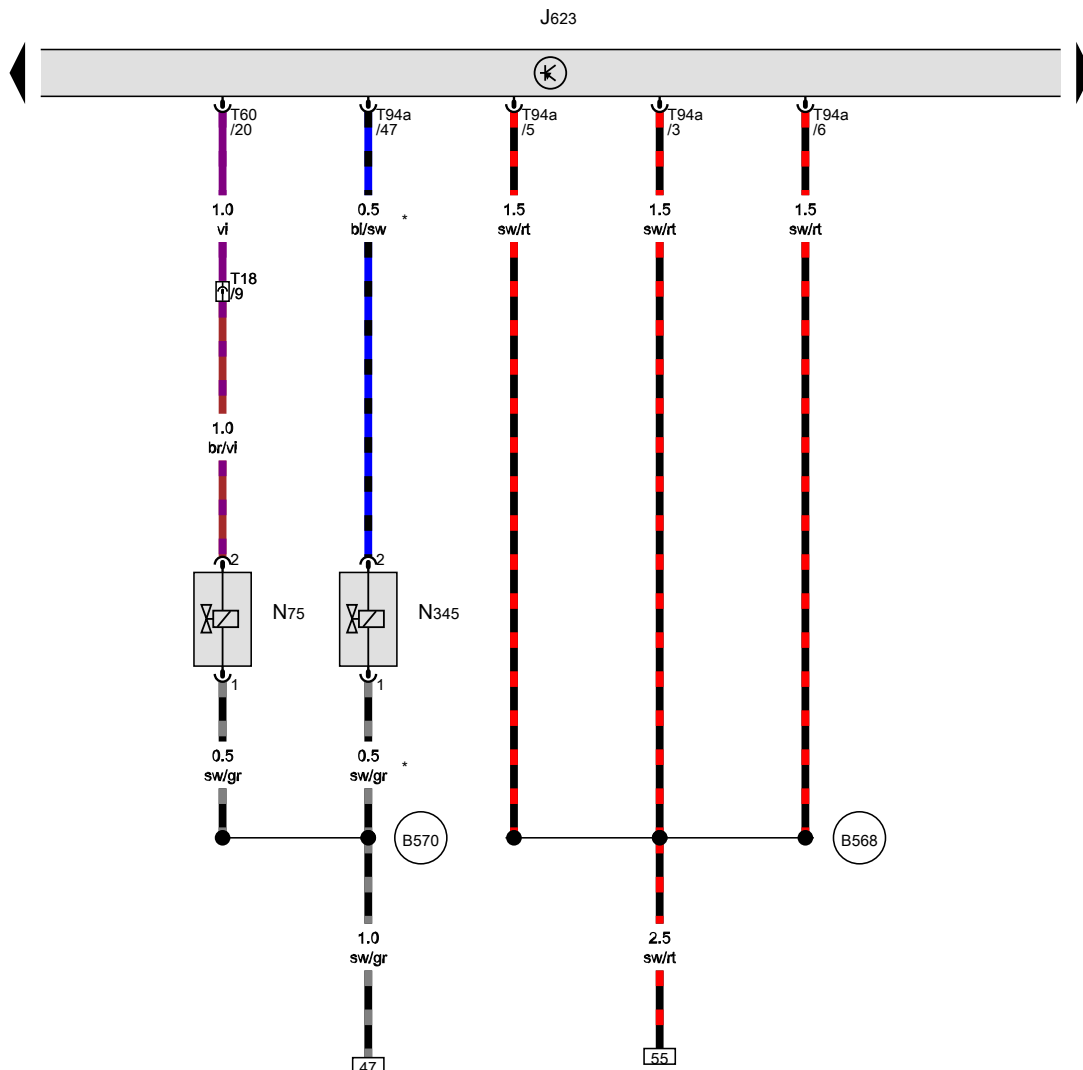


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Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2q 2-pin connector, in front right wheel housing, black
- T2r 2-pin connector, in front right wheel housing, orange
- T2s 2-pin connector, in front right wheel housing, brown
- T94a 94-pin connector, black
- B566 Connection 33, in main wiring harness
- * Only models with Euro 5 emission standard



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

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N345 Exhaust gas recirculation cooler changeover valve
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

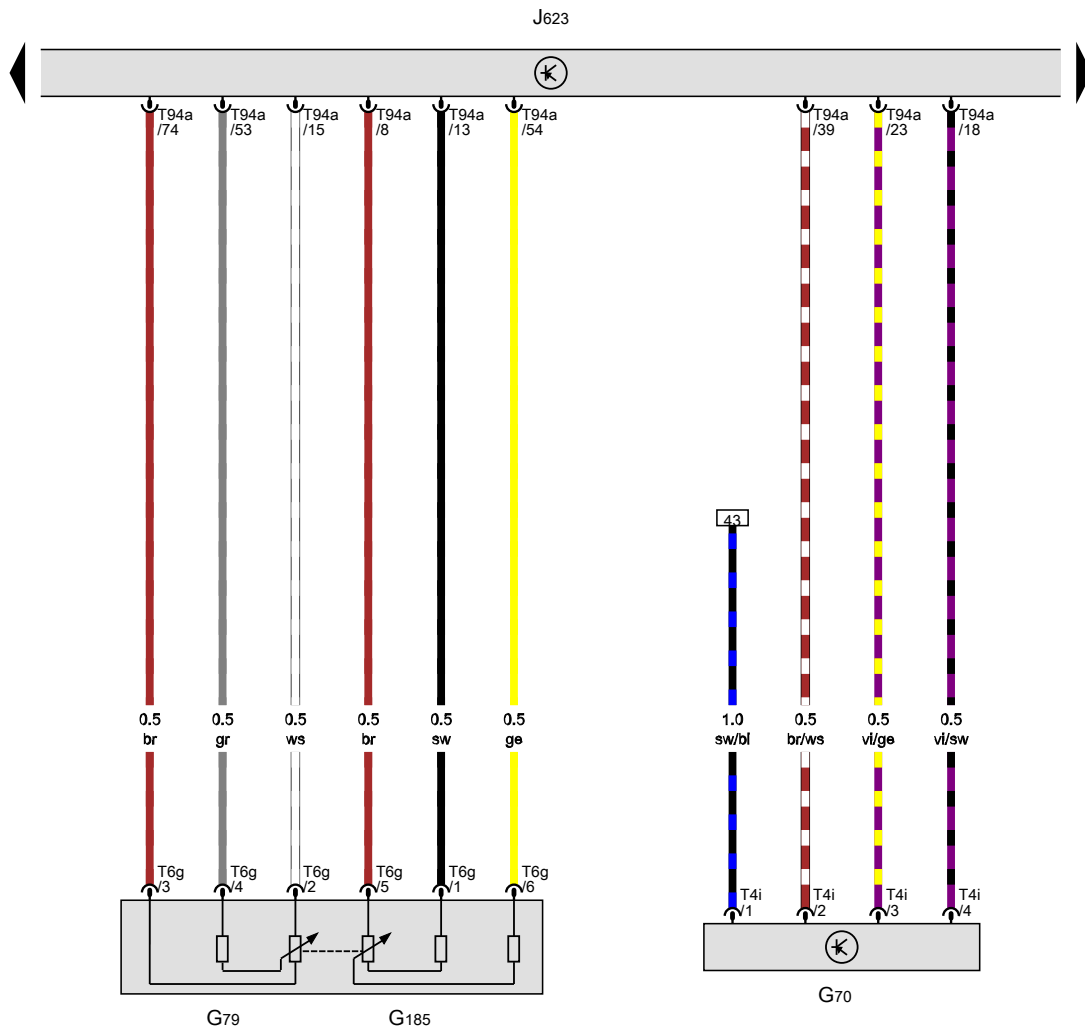
B568 Connection 35, in main wiring harness

B570 Connection 37, in main wiring harness

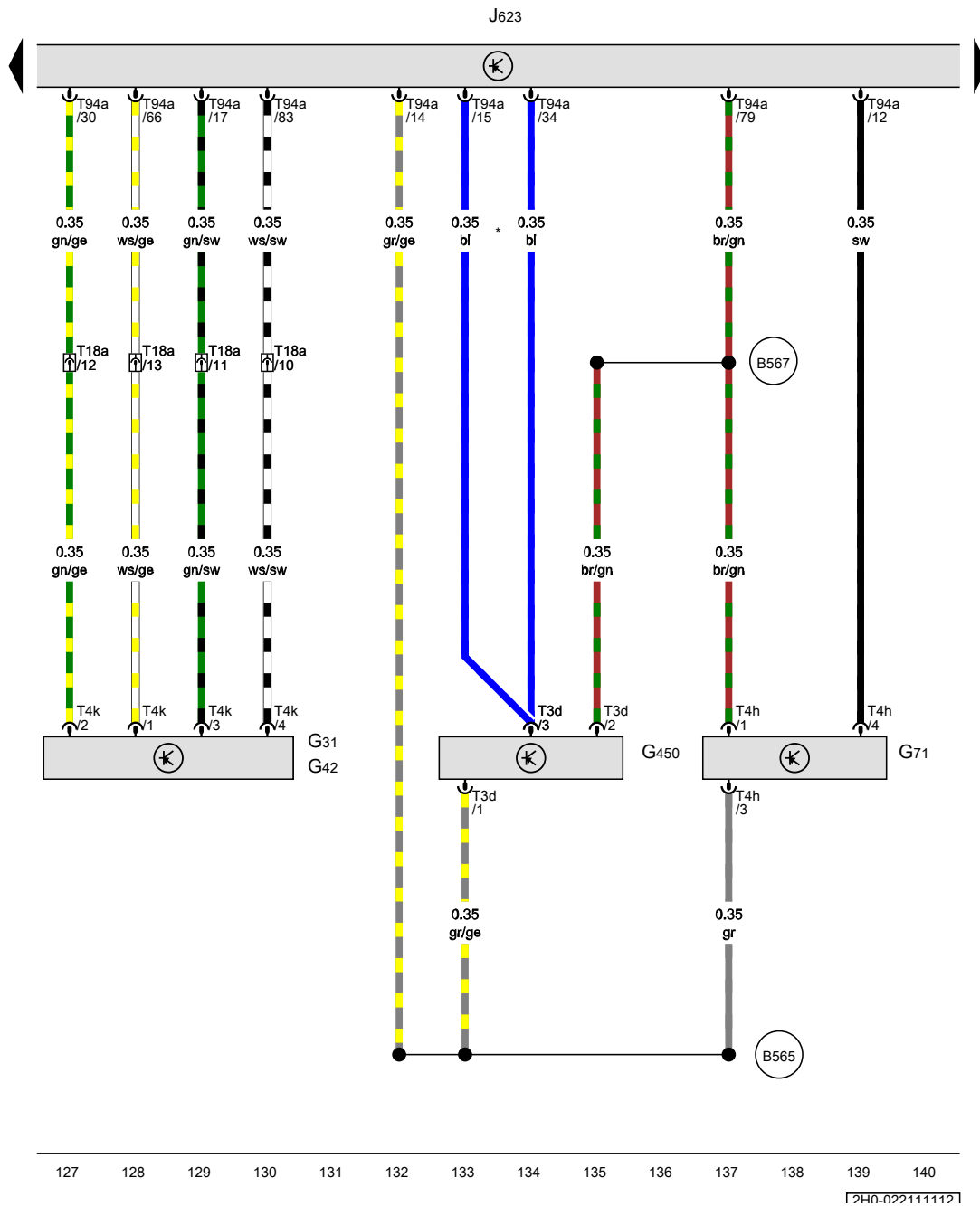
* Only models with Euro 5 emission standard

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Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit



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



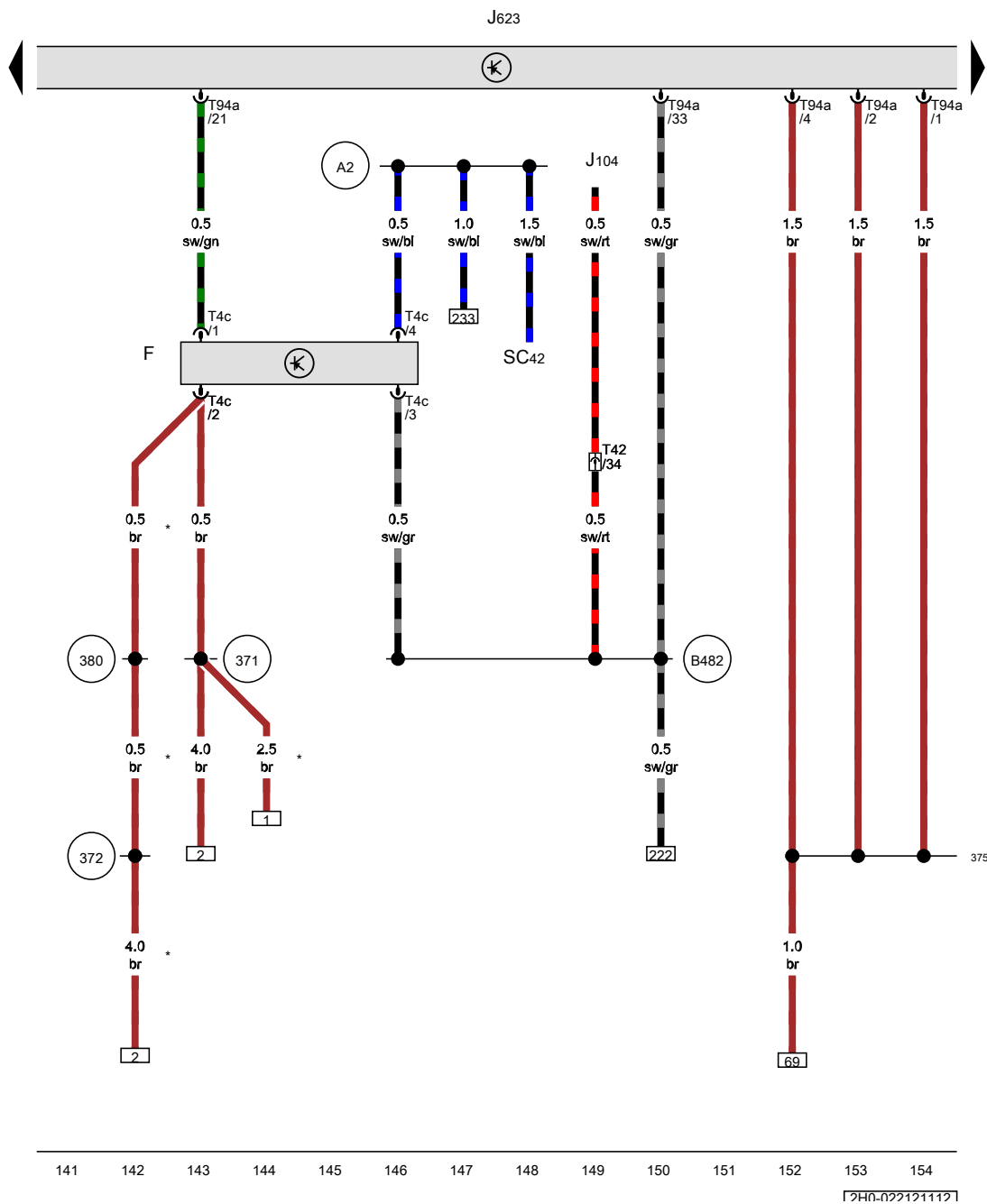
Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit
- T3d 3-pin connector, black
- T4h 4-pin connector
- T4k 4-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

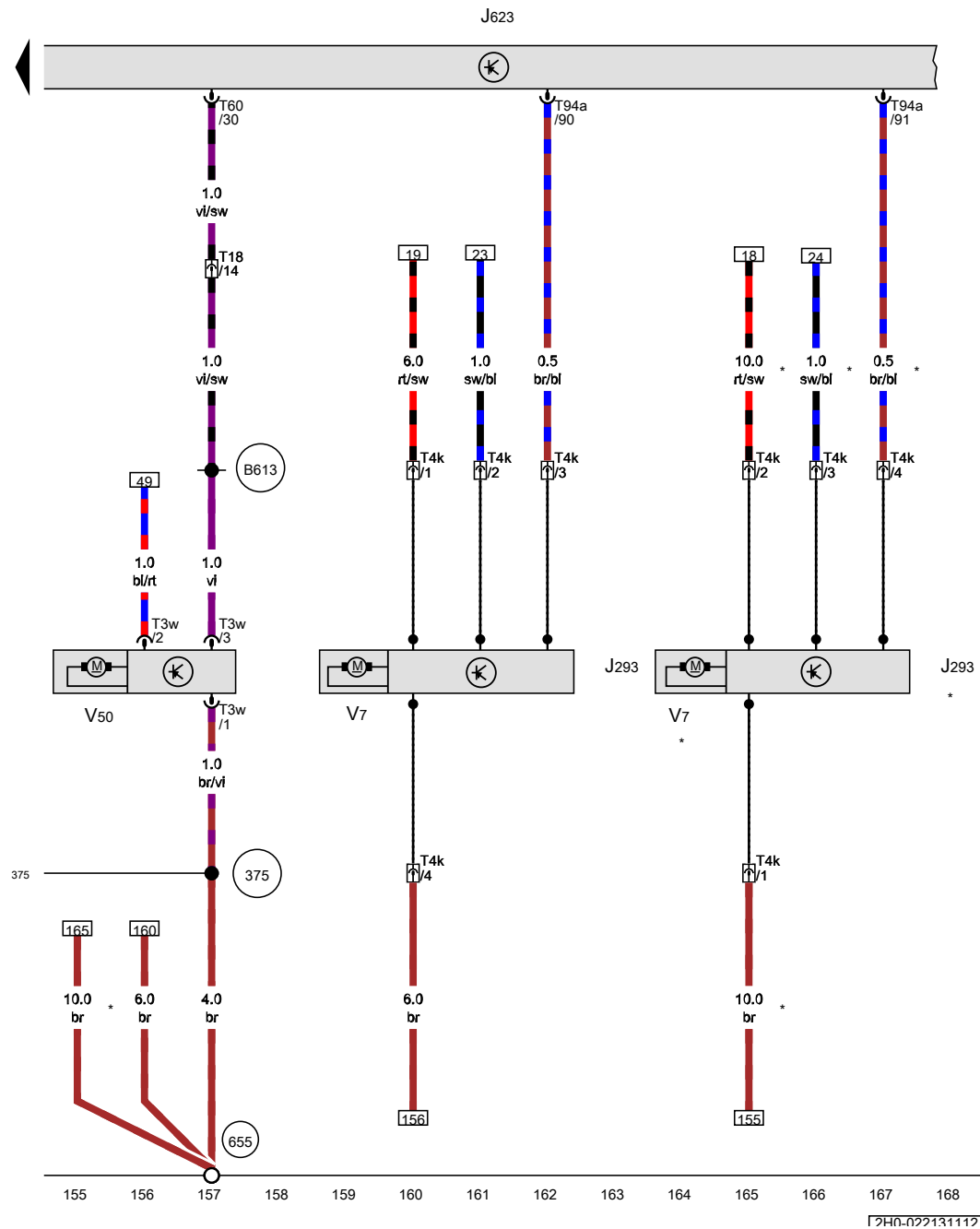
* Only models with Euro 3 emission standard



Brake light switch, Engine control unit

- F Brake light switch
- J104 ABS control unit
- J623 Engine control unit
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector
- T42 42-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * From November 2011



Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- T3w 3-pin connector, black
- T4k 4-pin connector, on radiator cowling, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

375 Earth connection 10, in main wiring harness

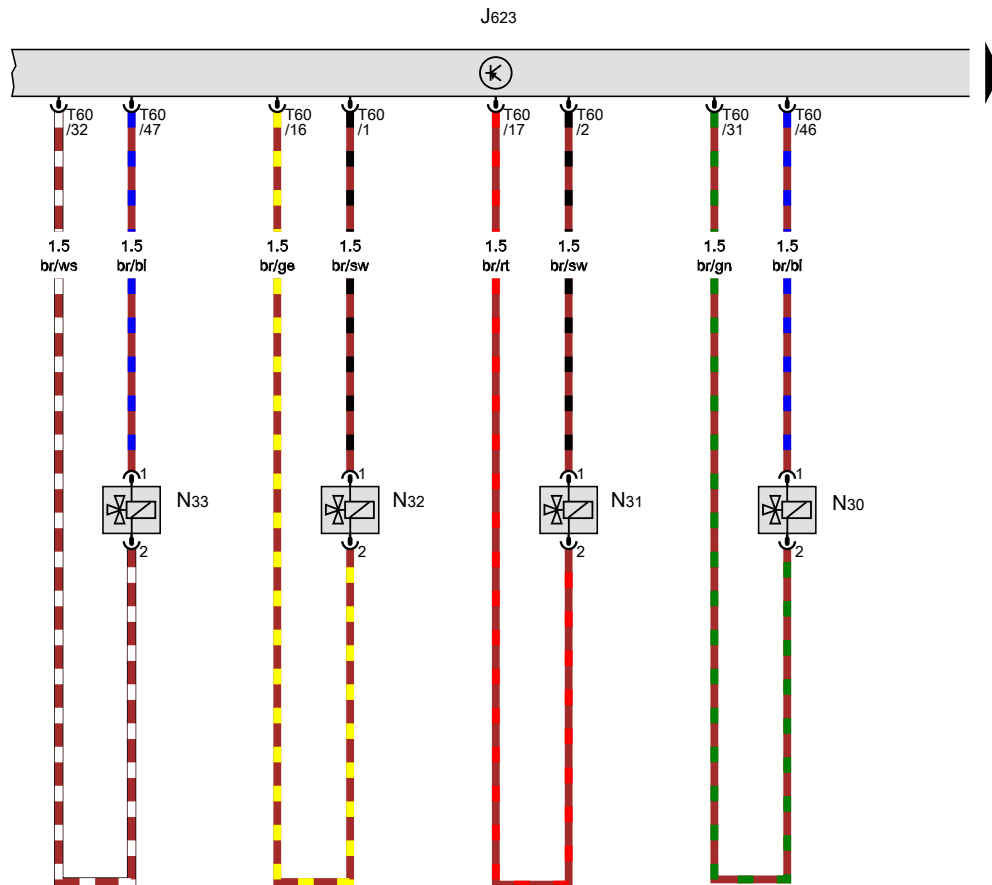
655 Earth point, on left headlight

B613 Connection 41, in main wiring harness

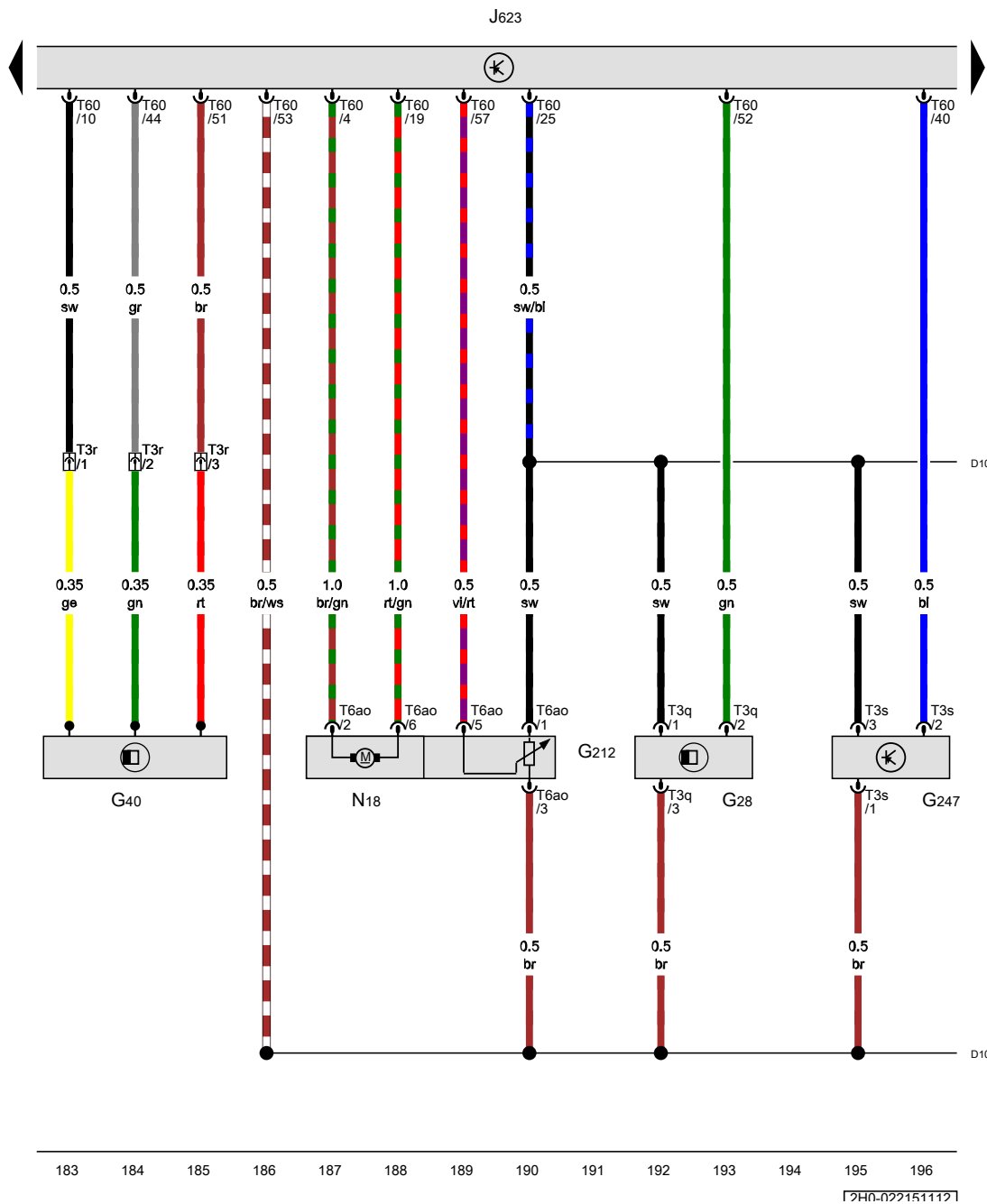
* Only for countries with hot climate

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

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

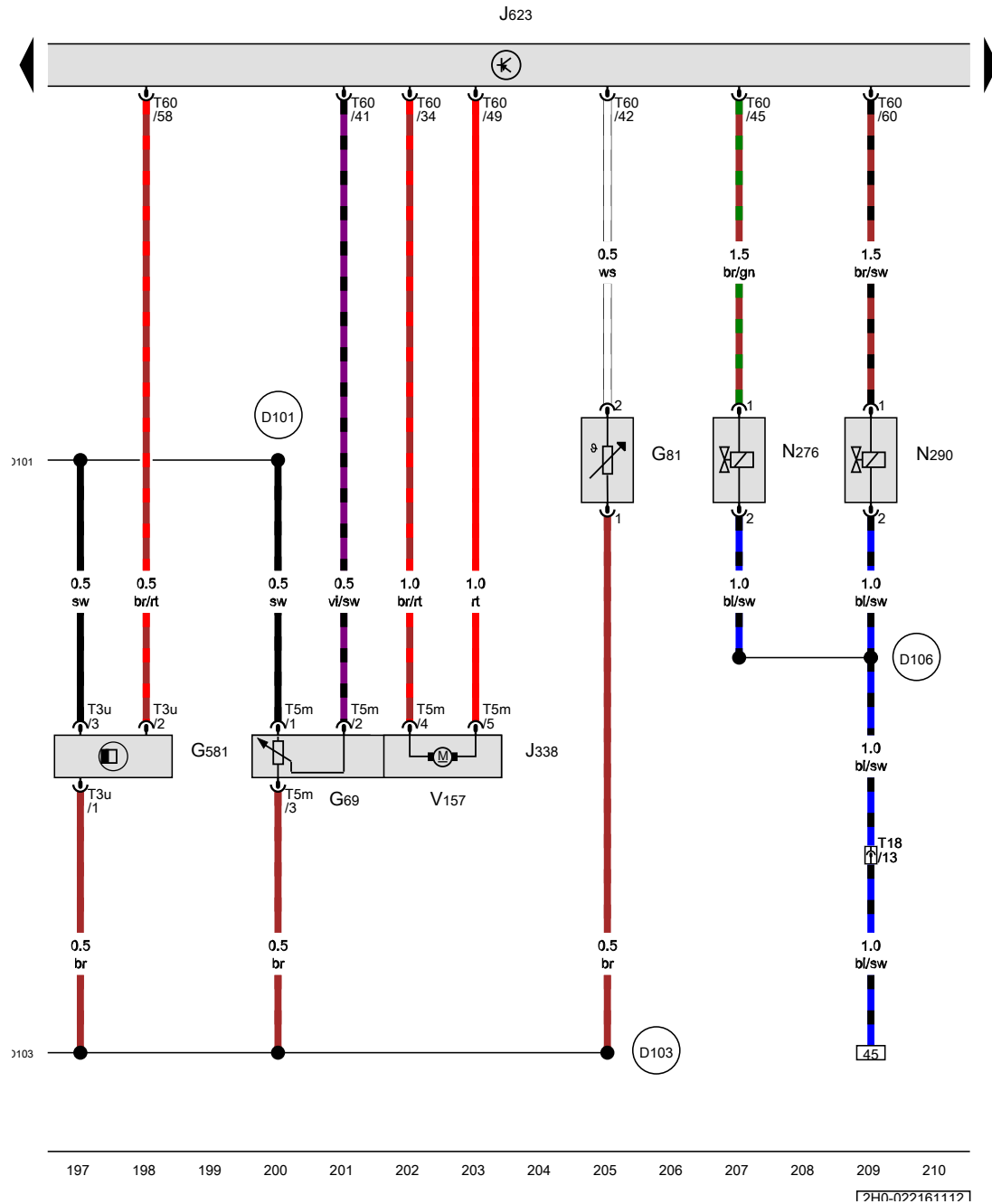


ws = white
sw = black
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Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

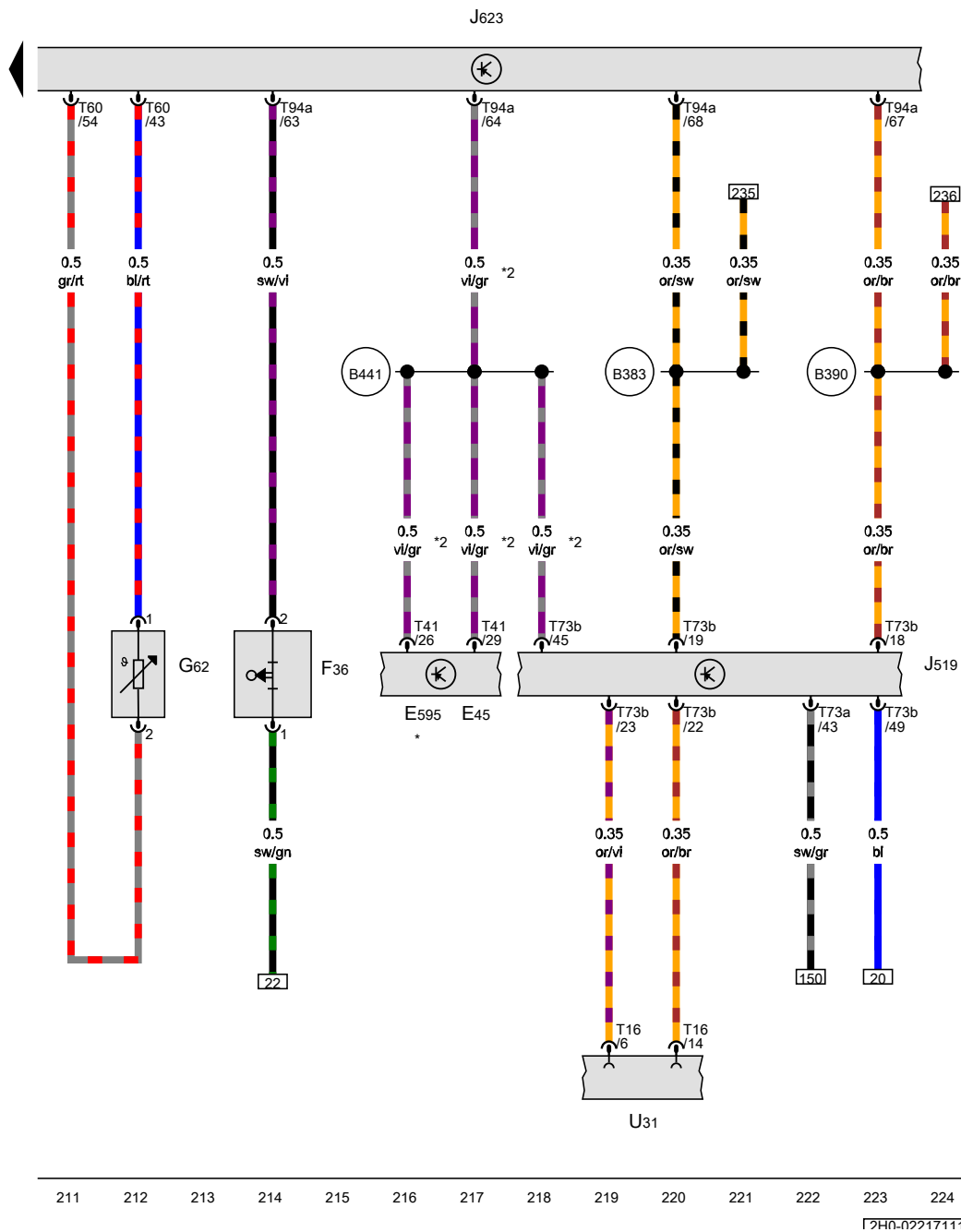
- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector
- T6ao 6-pin connector
- T60 60-pin connector
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness



Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T3u 3-pin connector
- T5m 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector
- V157 Intake manifold flap motor
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness

ws = white
sw = black
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Cruise control system switch, Steering column combination switch, Coolant temperature sender, Onboard supply control unit, Engine control unit

- E45 Cruise control system switch
- E595 Steering column combination switch
- F36 Clutch pedal switch
- G62 Coolant temperature sender
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector, black
- T41 41-pin connector
- T60 60-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- T94a 94-pin connector
- U31 Diagnostic connection

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

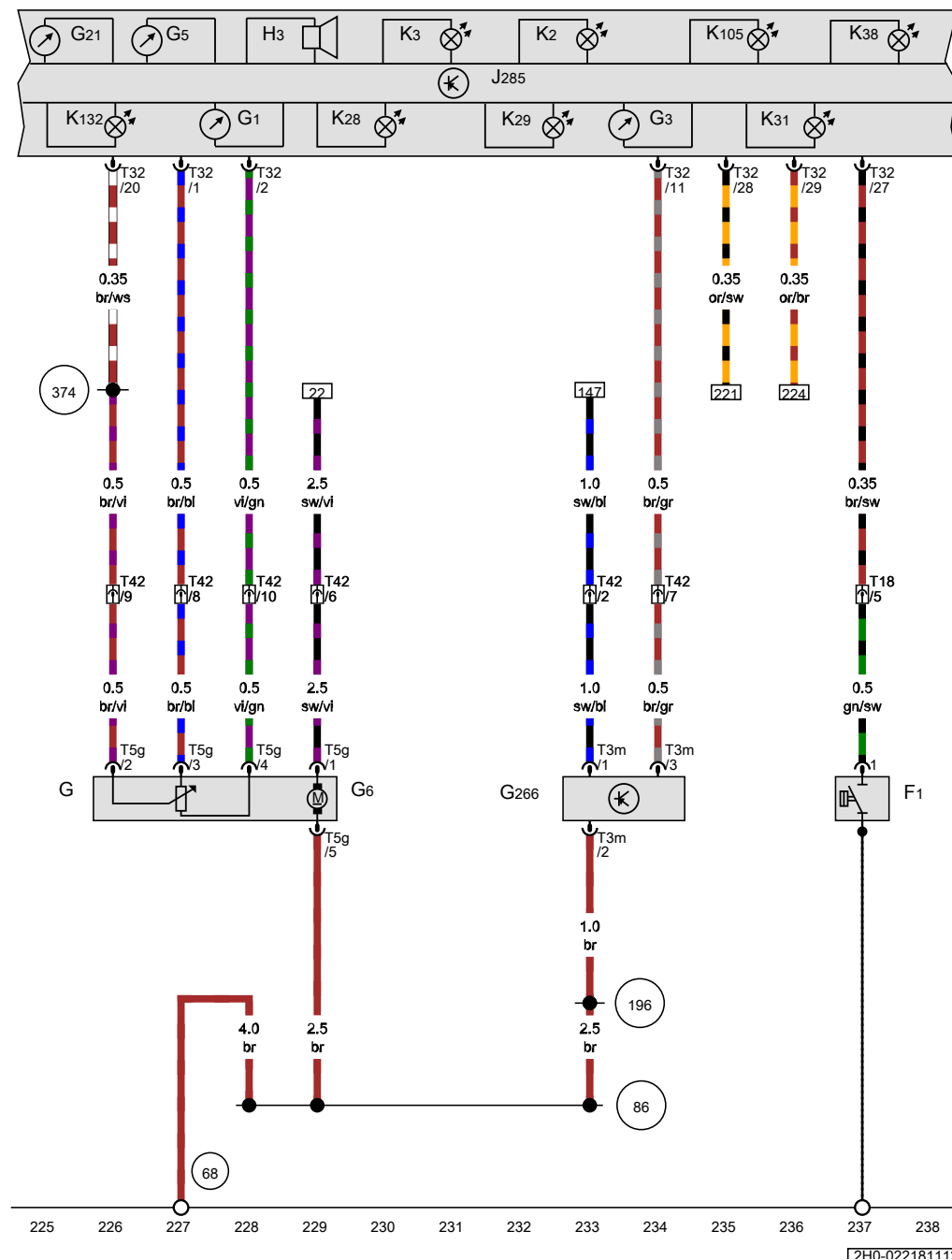
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B441 Connection (CCS), in main wiring harness

* see applicable current flow diagram for basic equipment
 *2 Only models with cruise control system (CCS)

ws = white
 sw = black
 ro = red
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Oil level and oil temperature sender, Dash panel insert



- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- T3m 3-pin connector
- T5g 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever, black
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness

ws = white
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 gn = green
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2.0l diesel engine , CDCA

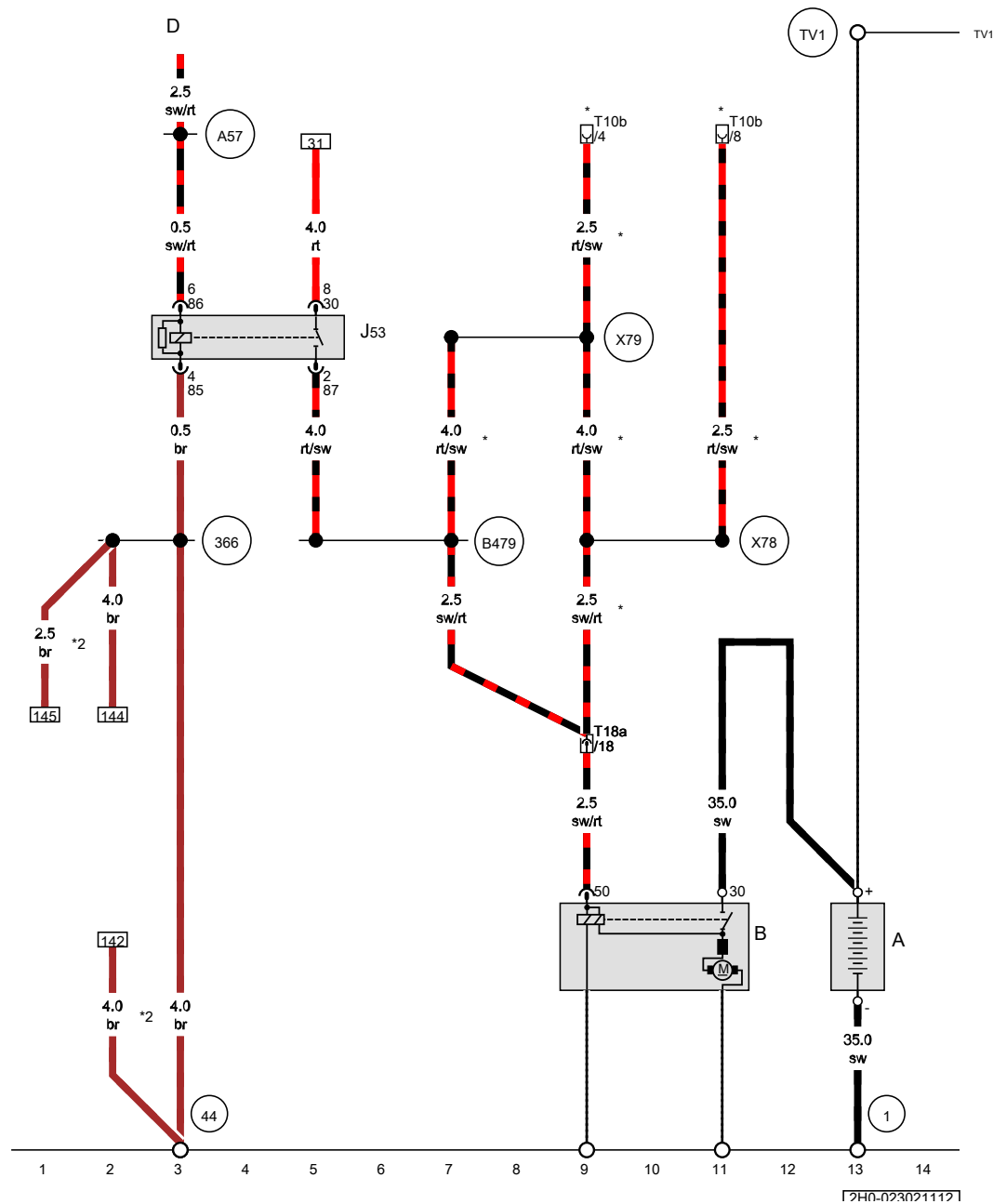
From December 2009

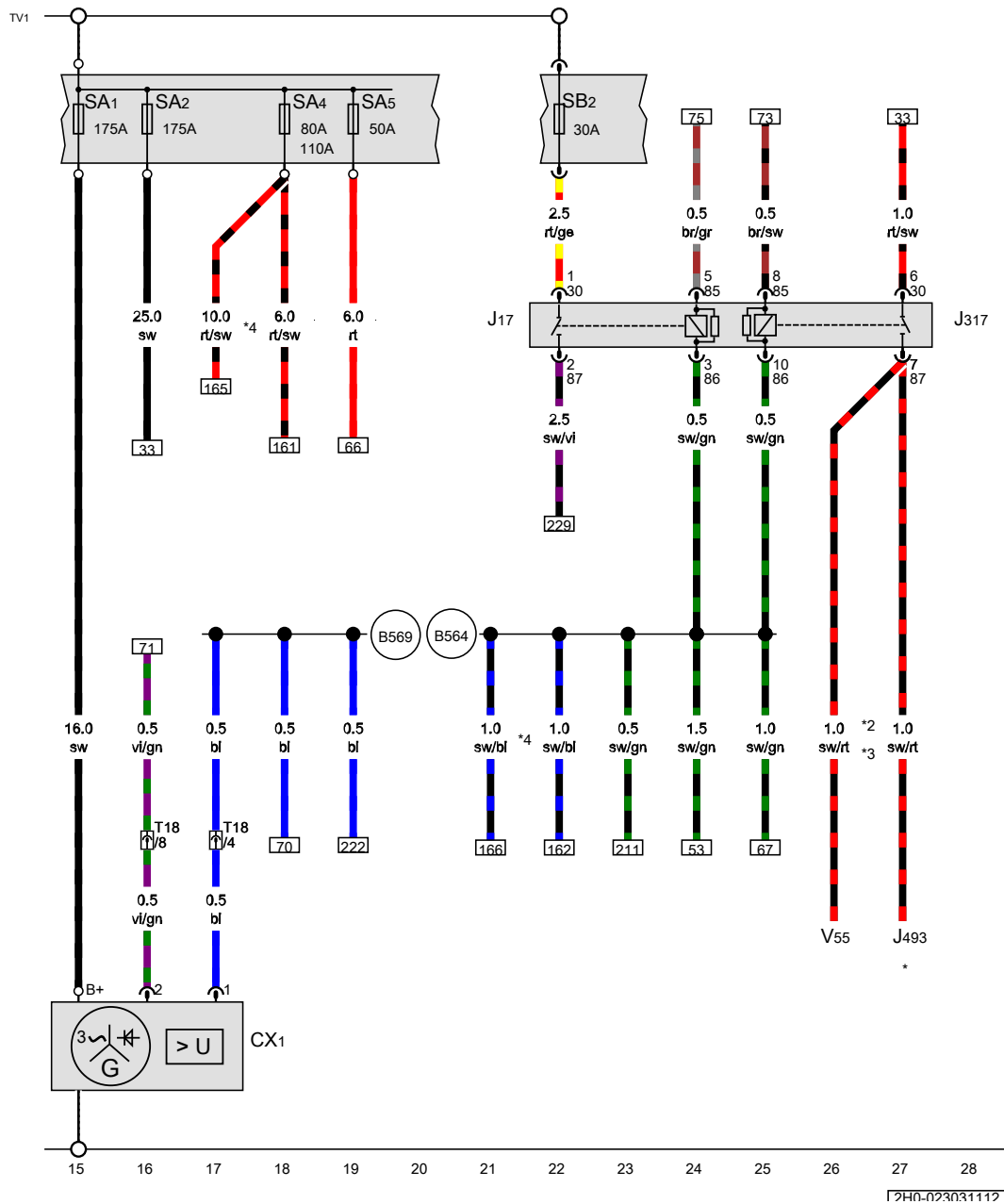
Battery, Starter, Starter motor relay

- A Battery
- B Starter
- D Ignition/starter switch
- J53 Starter motor relay
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A57 Positive connection 3 (30), in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- TV1 Wiring junction
- X78 Connection 1, in optional equipment wiring harness
- X79 Connection 2, in optional equipment wiring harness
- * Only models with electric interface for external use
- *2 From November 2011

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Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T18 18-pin connector, near engine control unit, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness

TV1 Wiring junction

- * see applicable current flow diagram for fuse assignment
- *2 Only models with no air conditioning system/Climatronic
- *3 see applicable current flow diagram
- *4 Only for countries with hot climate

Main relay, Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

J271	Main relay, on relay carrier
J329	Terminal 15 voltage supply relay
N79	Heater element for crankcase breather
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C

- 369 Earth connection 4, in main wiring harness
 - 656 Earth point, on right headlight
 - A15 Positive connection (15), in instrument wiring harness
 - B315 Positive connection 1 (30a) in main wiring harness
 - B322 Positive connection 8 (30a) in main wiring harness
 - D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with crankcase breather heater element
- *2 see applicable current flow diagram for fuse assignment

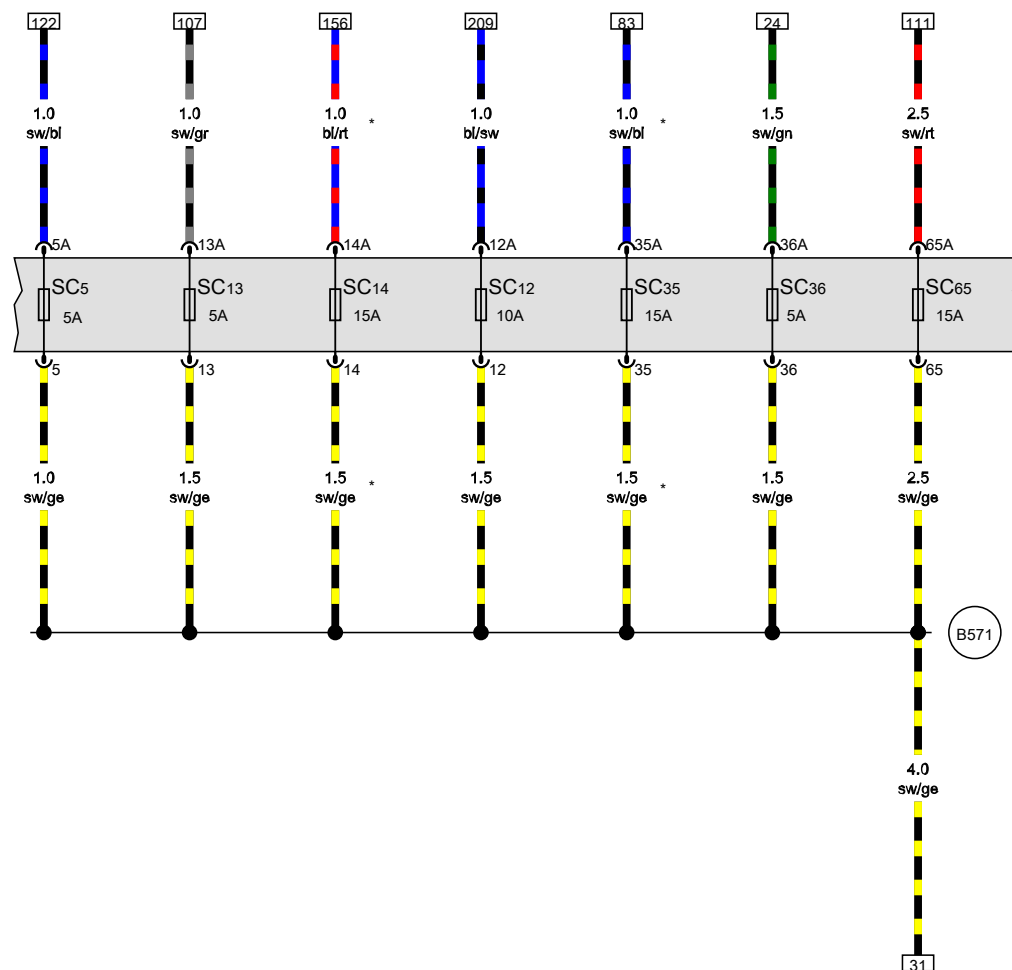
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Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

SC5 Fuse 5 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
SC35 Fuse 35 on fuse holder C
SC36 Fuse 36 on fuse holder C
SC65 Fuse 65 on fuse holder C

B571 Connection 38, in main wiring harness

* Only models with Euro 5 emission standard



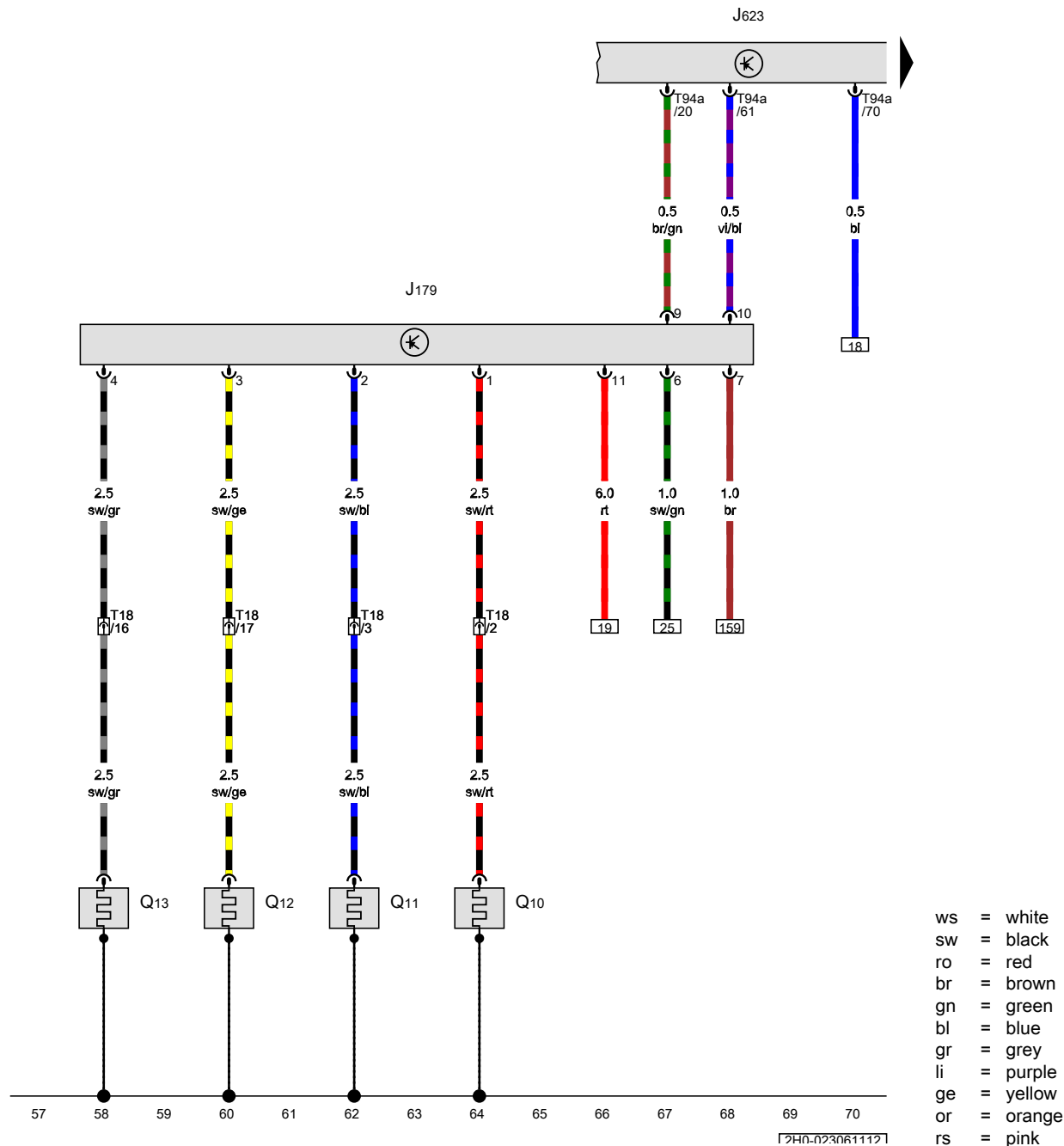
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43 44 45 46 47 48 49 50 51 52 53 54 55 56

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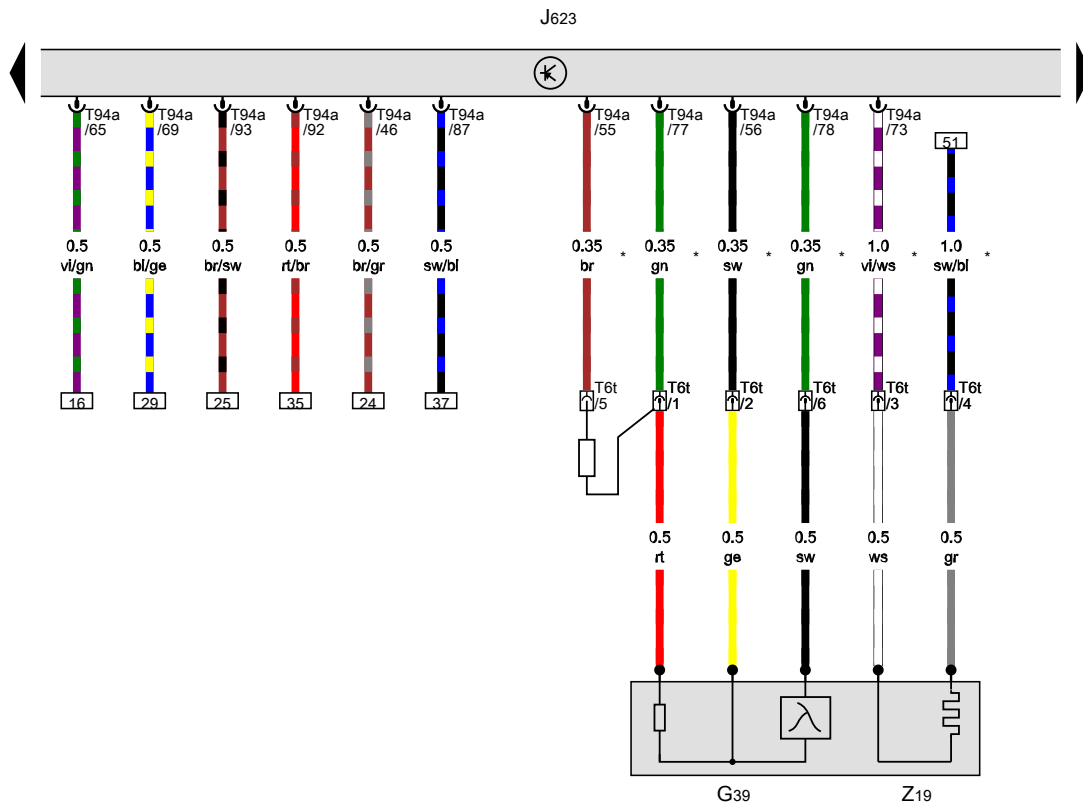
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit, near left headlight
- J623 Engine control unit, near battery
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

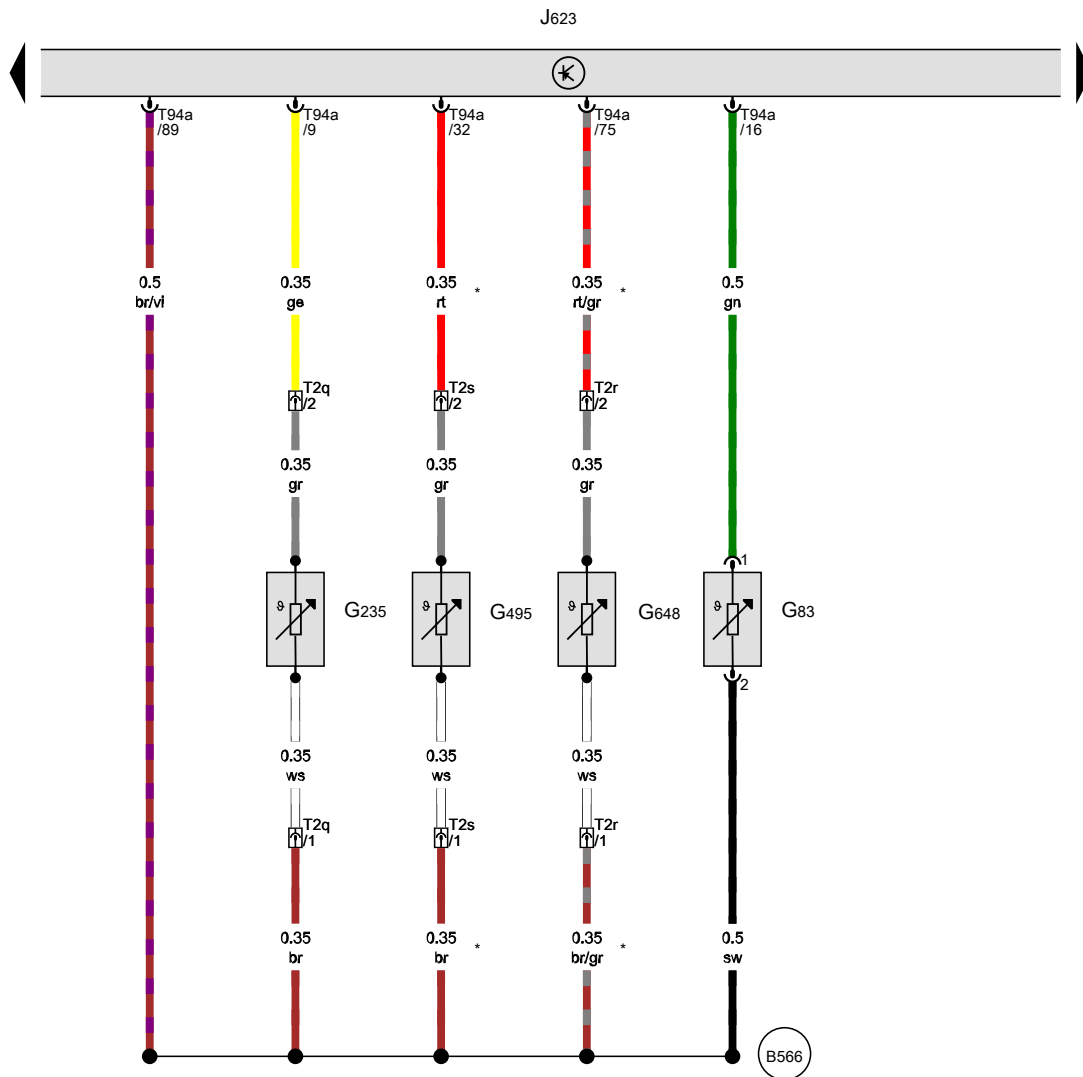


Lambda probe, Engine control unit

- G39 Lambda probe
 J623 Engine control unit, near battery
 T6t 6-pin connector, front right in engine compartment, black
 T94a 94-pin connector, black
 Z19 Lambda probe heater
 * Only models with Euro 5 emission standard



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



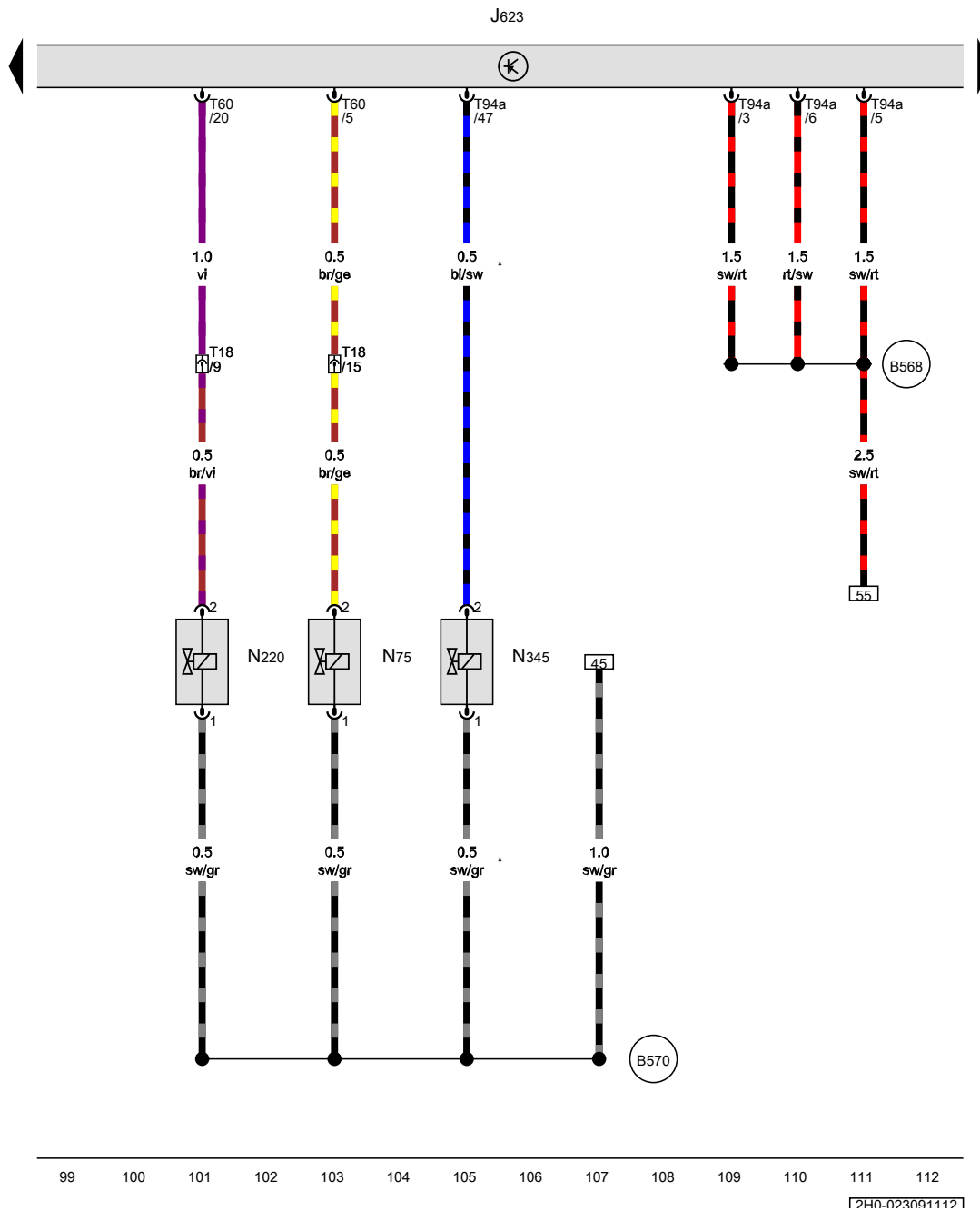
Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit, near battery
- T2q 2-pin connector, in front right wheel housing, black
- T2r 2-pin connector, in front right wheel housing, orange
- T2s 2-pin connector, in front right wheel housing, brown
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

* Only models with Euro 5 emission standard

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



Engine control unit, Charge pressure control solenoid valve,
Exhaust flap valve, Exhaust gas recirculation cooler
changeover valve

- J623 Engine control unit, near battery
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

(B568) Connection 35, in main wiring harness

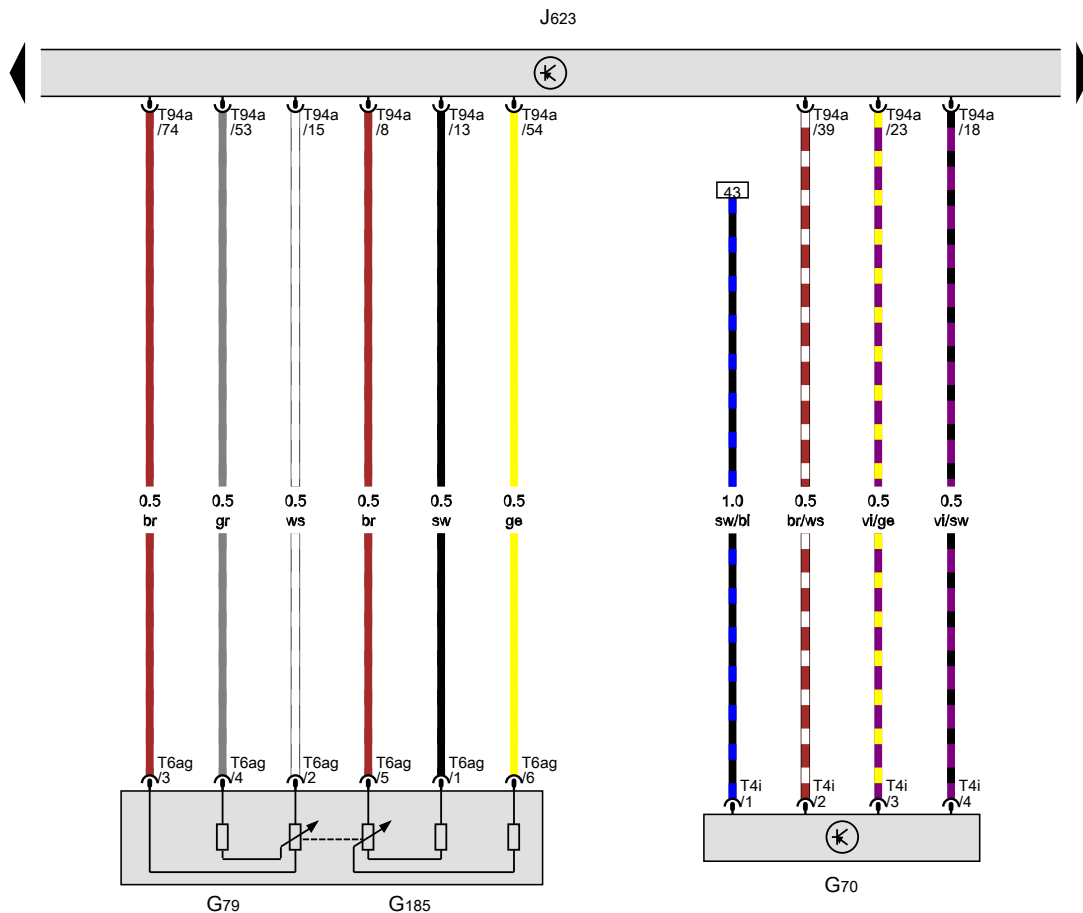
(B570) Connection 37, in main wiring harness

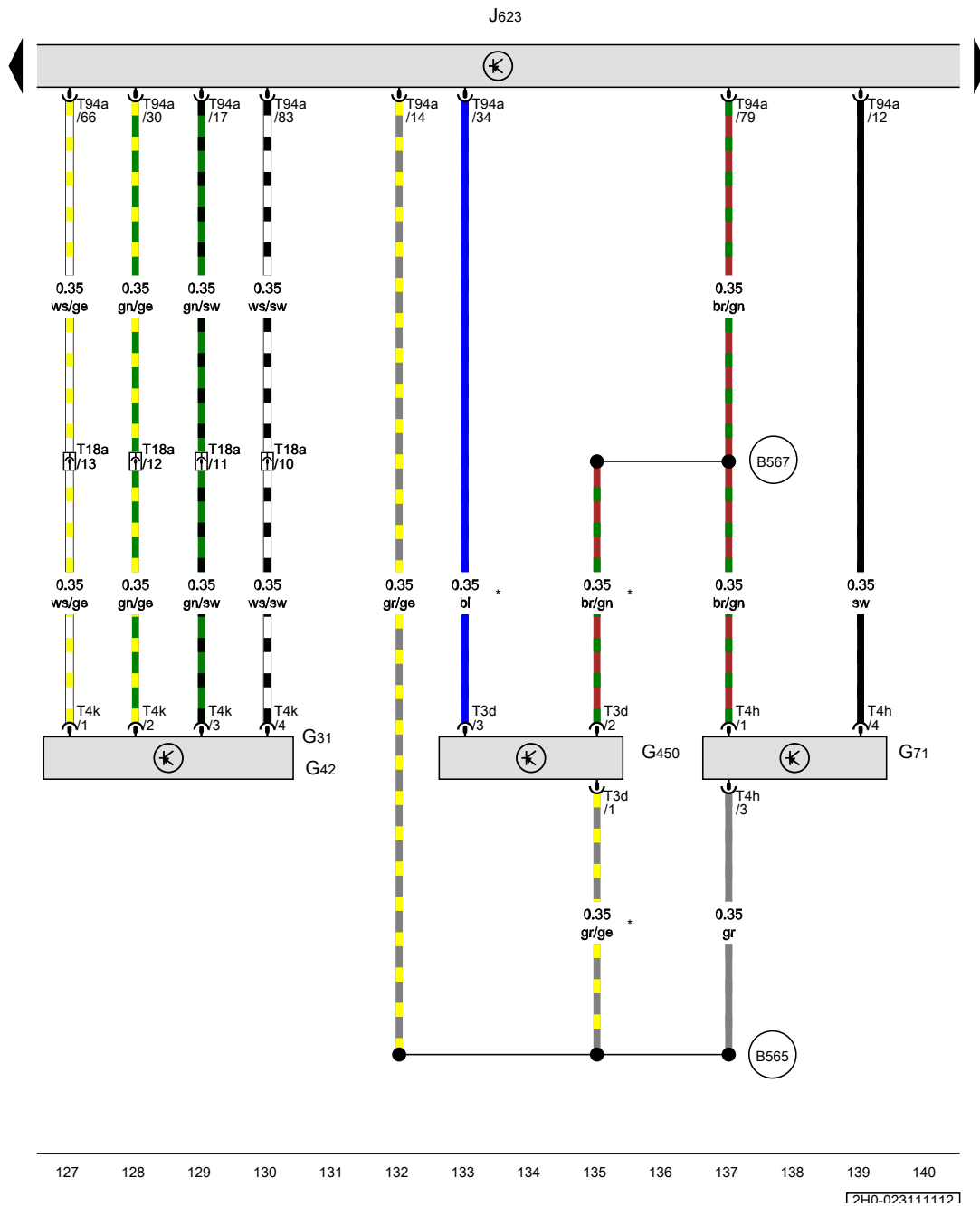
* Only models with Euro 5 emission standard

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

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit, near battery
- T4i 4-pin connector
- T6ag 6-pin connector
- T94a 94-pin connector, black





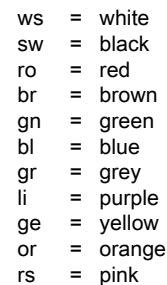
Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit, near battery
- T3d 3-pin connector
- T4h 4-pin connector
- T4k 4-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with Euro 5 emission standard



F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black

- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness

* From November 2011

Radiator fan control unit, Engine control unit, Radiator fan,
Coolant circulation pump

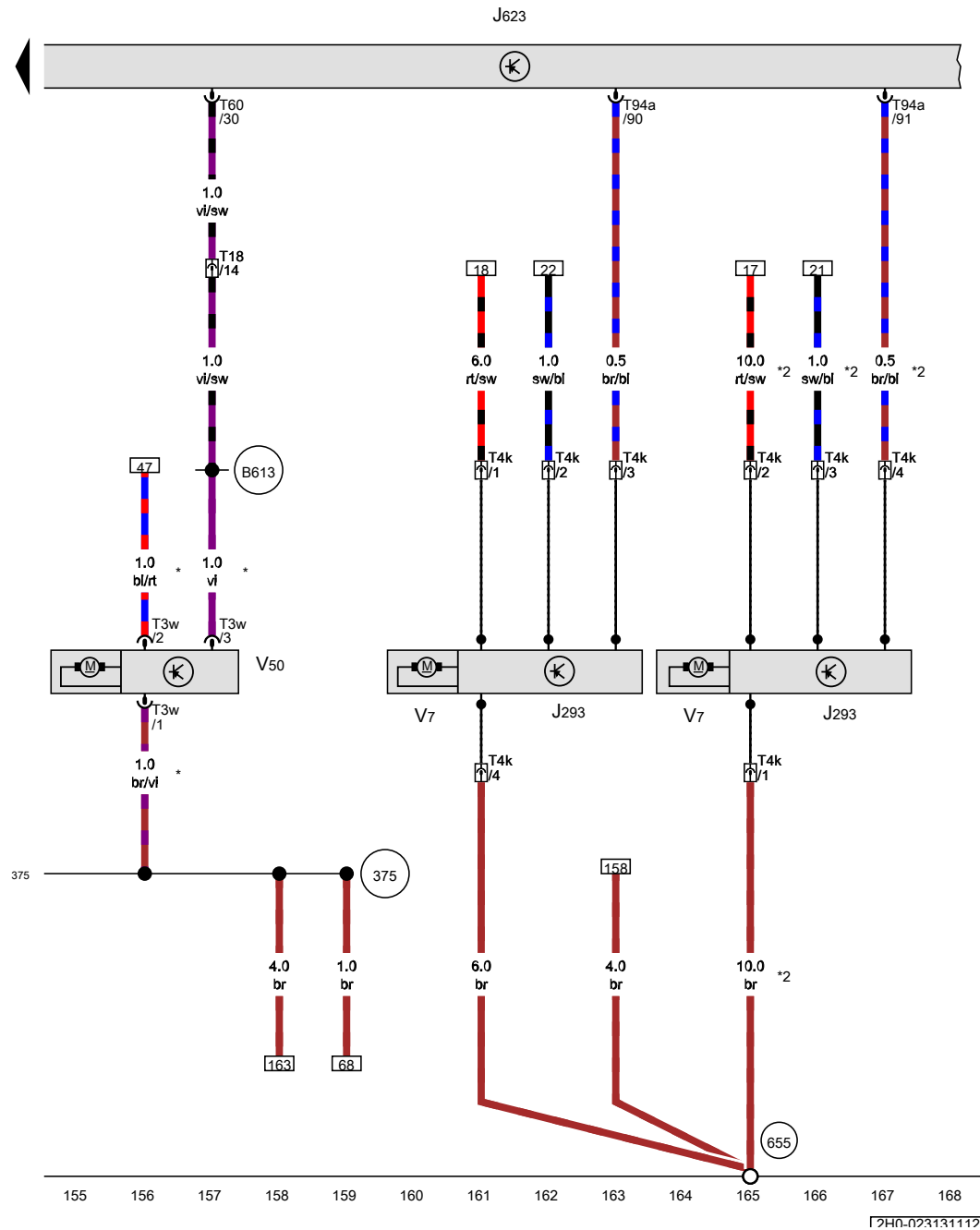
J293	Radiator fan control unit
J623	Engine control unit, near battery
T3w	3-pin connector
T4k	4-pin connector, on radiator cowl, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump

- (375) Earth connection 10, in main wiring harness

- (655) Earth point, on left headlight

- (B613) Connection 41, in main wiring harness

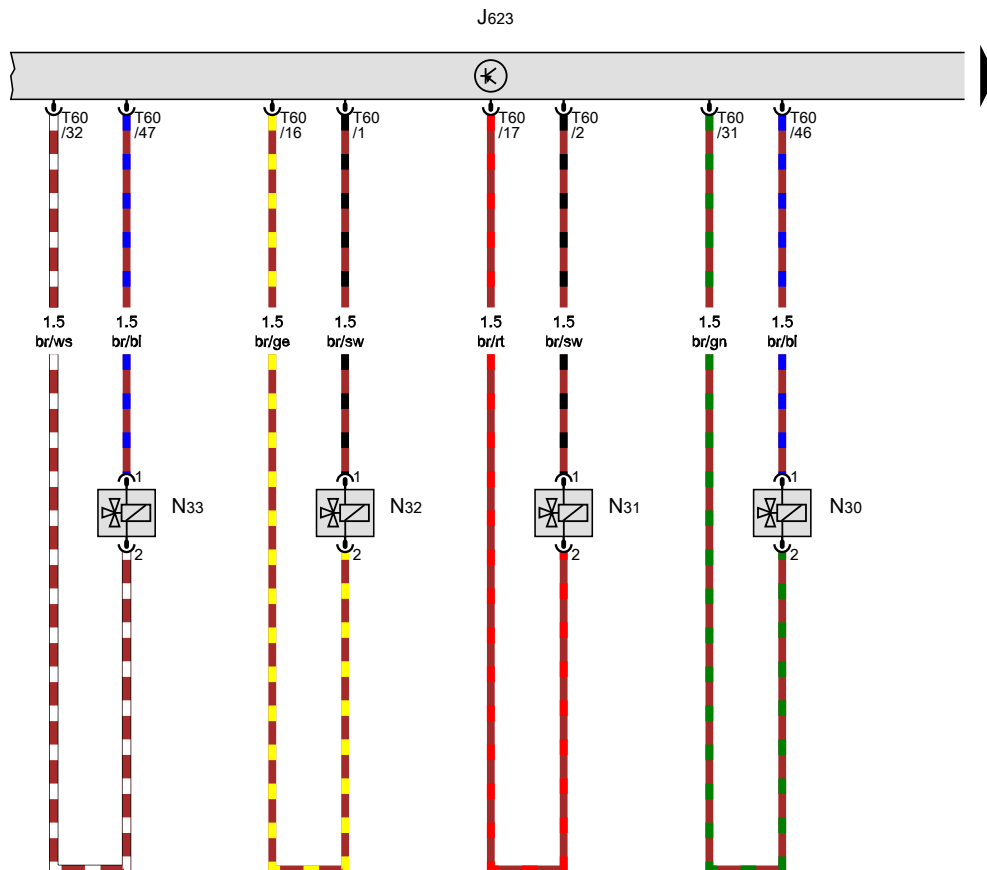
- * Only models with Euro 5 emission standard
*2 Only for countries with hot climate



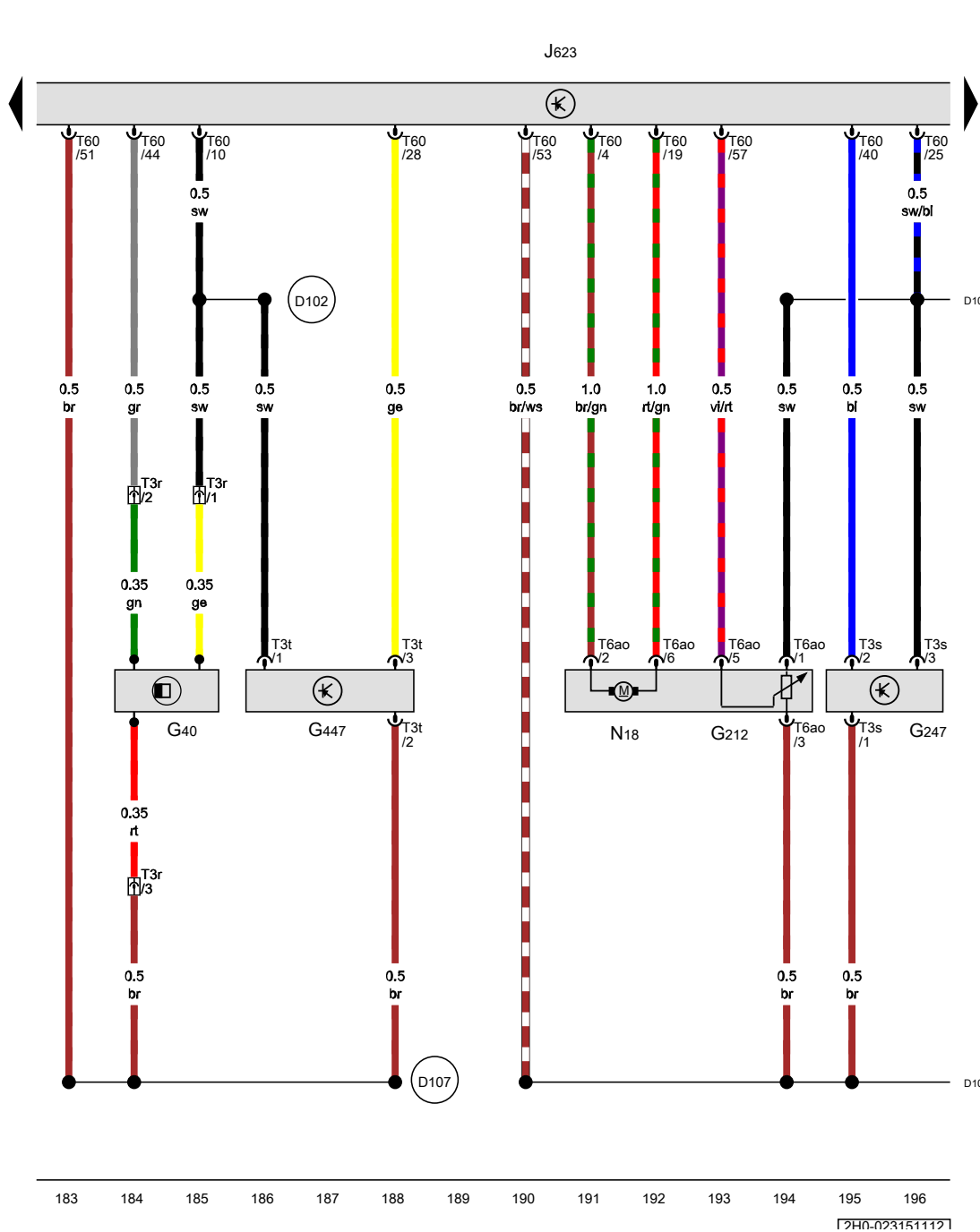
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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

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



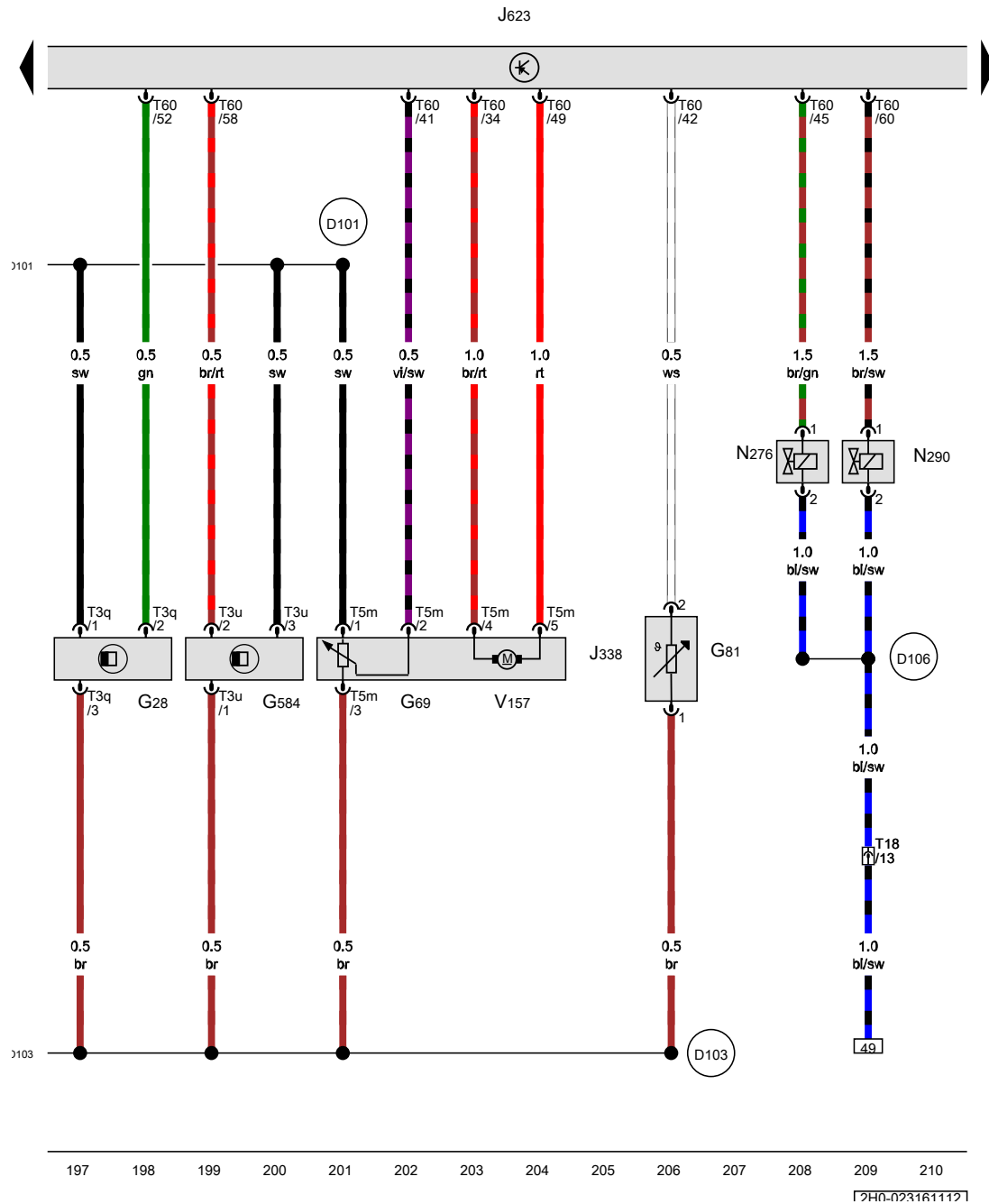
ws = white
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rs = pink



Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G447 Charge pressure sender 2, on turbocharger air recirculation valve
- J623 Engine control unit, near battery
- N18 Exhaust gas recirculation valve
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector
- T3t 3-pin connector
- T6ao 6-pin connector
- T60 60-pin connector, black

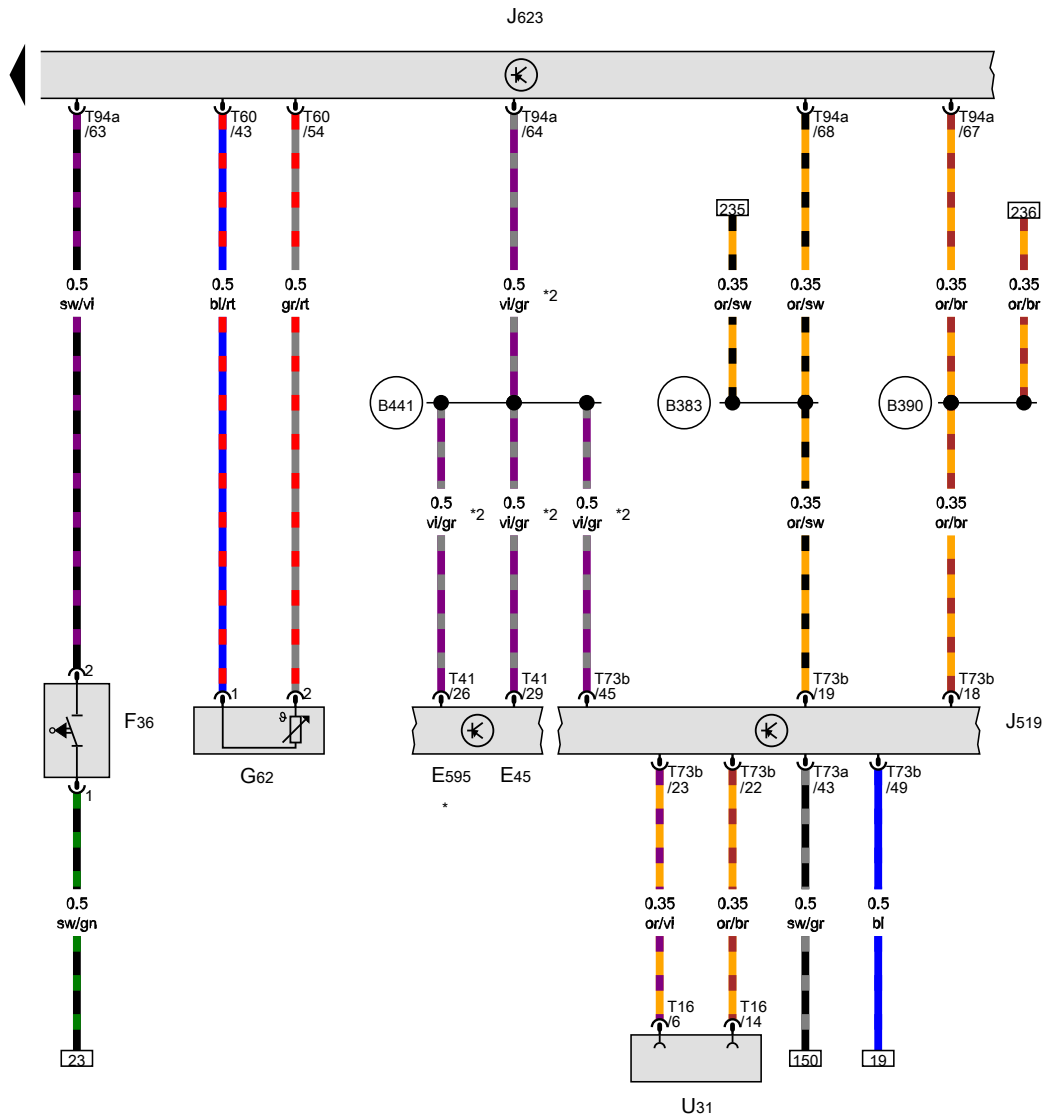
- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness



Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

- G28 Engine speed sender
- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G584 Regulating flap potentiometer
- J338 Throttle valve module
- J623 Engine control unit, near battery
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T3q 3-pin connector
- T3u 3-pin connector
- T5m 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- V157 Intake manifold flap motor

- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness



Cruise control system switch, Clutch pedal switch, Coolant temperature sender, Onboard supply control unit, Engine control unit

- E45 Cruise control system switch
- E595 Steering column combination switch
- F36 Clutch pedal switch
- G62 Coolant temperature sender
- J519 Onboard supply control unit
- J623 Engine control unit, near battery
- T16 16-pin connector, black
- T41 41-pin connector
- T60 60-pin connector, black
- T73a 73-pin connector
- T73b 73-pin connector
- T94a 94-pin connector, black
- 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

B441 Connection (CCS), in main wiring harness

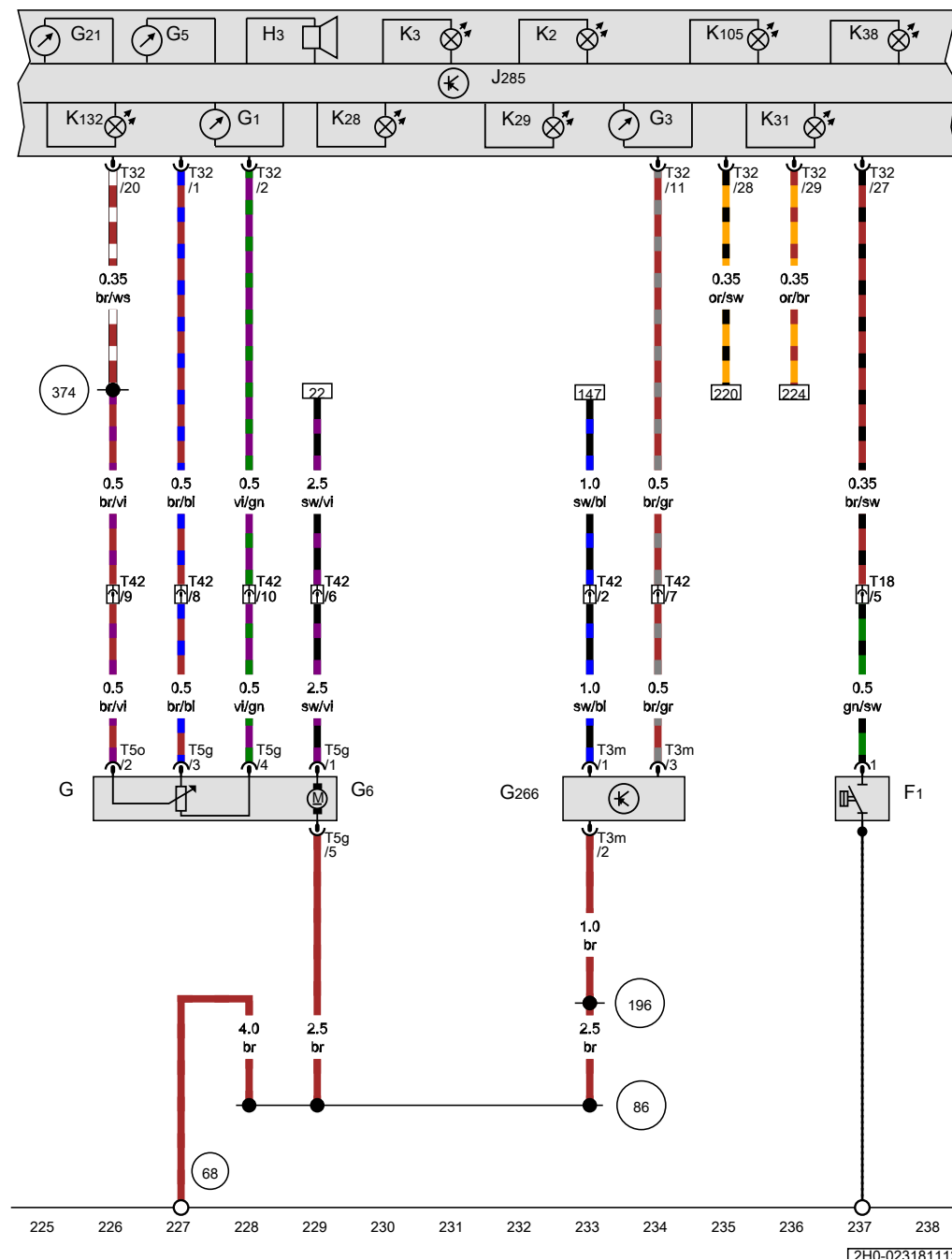
* see applicable current flow diagram for basic equipment
 *2 Only models with cruise control system (CCS)

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

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

[74H0-023171117]

Oil level and oil temperature sender, Dash panel insert



- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- T3m 3-pin connector
- T5g 5-pin connector
- T5o 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever, black

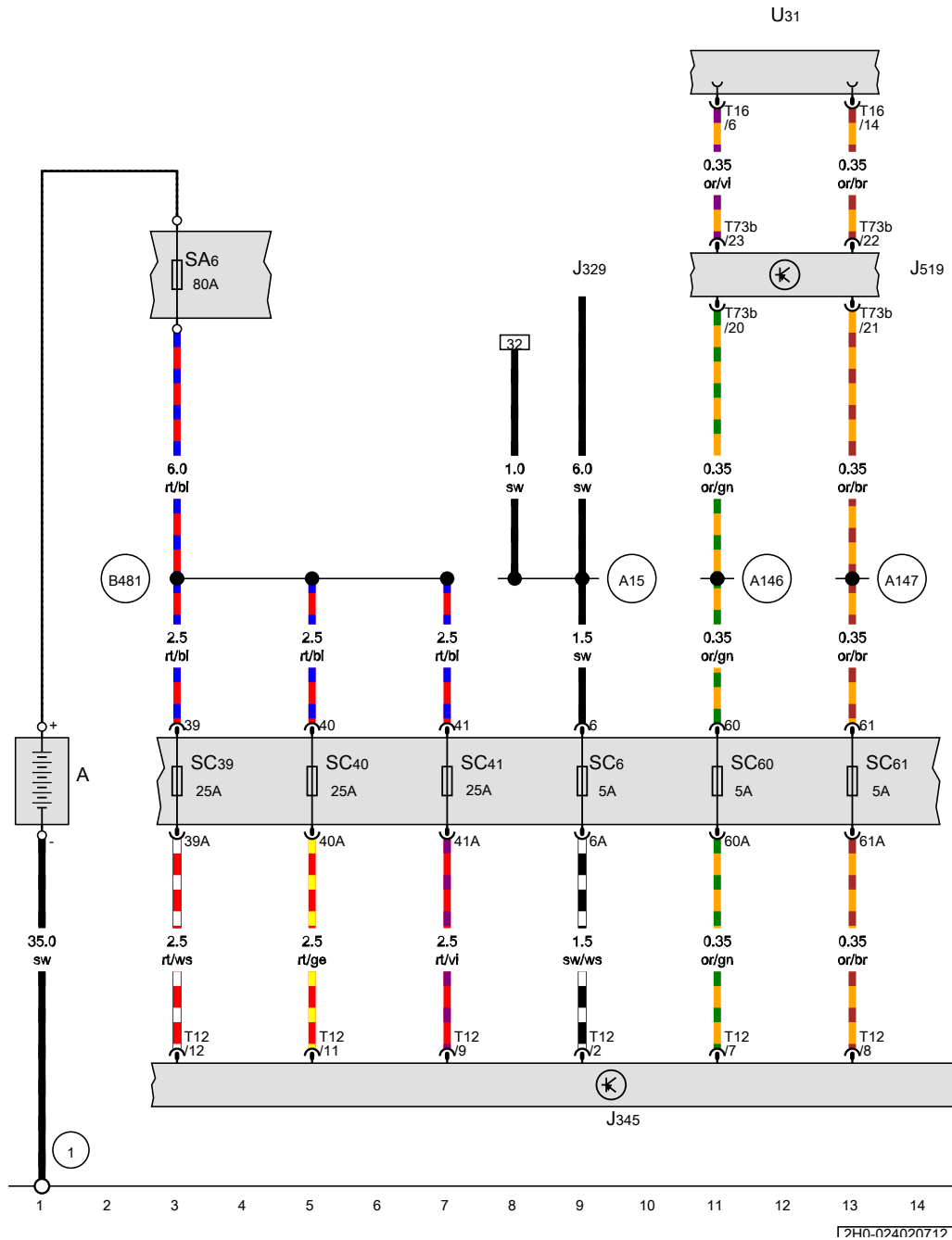
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness

ws = white
 sw = black
 ro = red
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Preparation for trailer coupling , (LOR)

From September 2009

Battery, Trailer detector control unit, Fuse 6 on fuse holder C, Fuse 6 in fuse holder A, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Diagnostic connection

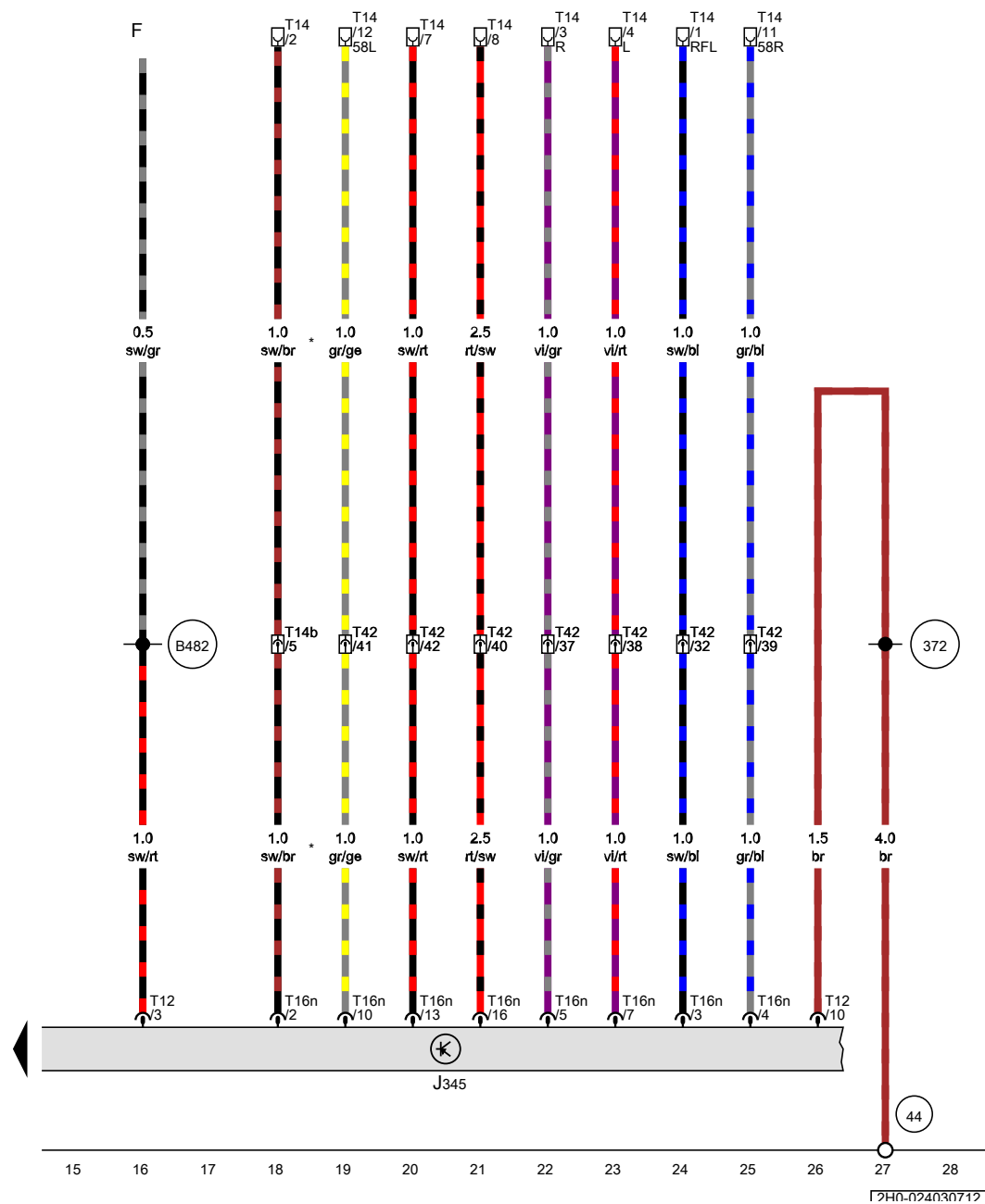


- A Battery
 - J329 Terminal 15 voltage supply relay
 - J345 Trailer detector control unit, in centre under dash panel
 - J519 Onboard supply control unit, near driver side A-pillar
 - SC6 Fuse 6 on fuse holder C
 - SA6 Fuse 6 in fuse holder A
 - SC39 Fuse 39 on fuse holder C
 - SC40 Fuse 40 on fuse holder C
 - SC41 Fuse 41 on fuse holder C
 - SC60 Fuse 60 on fuse holder C
 - SC61 Fuse 61 on fuse holder C
 - T12 12-pin connector
 - T16 16-pin connector
 - T73b 73-pin connector
 - U31 Diagnostic connection, near driver side A-pillar
- 1 Earth strap, battery - body
 - A15 Positive connection (15), in instrument wiring harness
 - A146 Connection (convenience CAN bus, high), in dash panel wiring harness
 - A147 Connection (convenience CAN bus, low), in dash panel wiring harness
 - B481 Connection 17, in main wiring harness

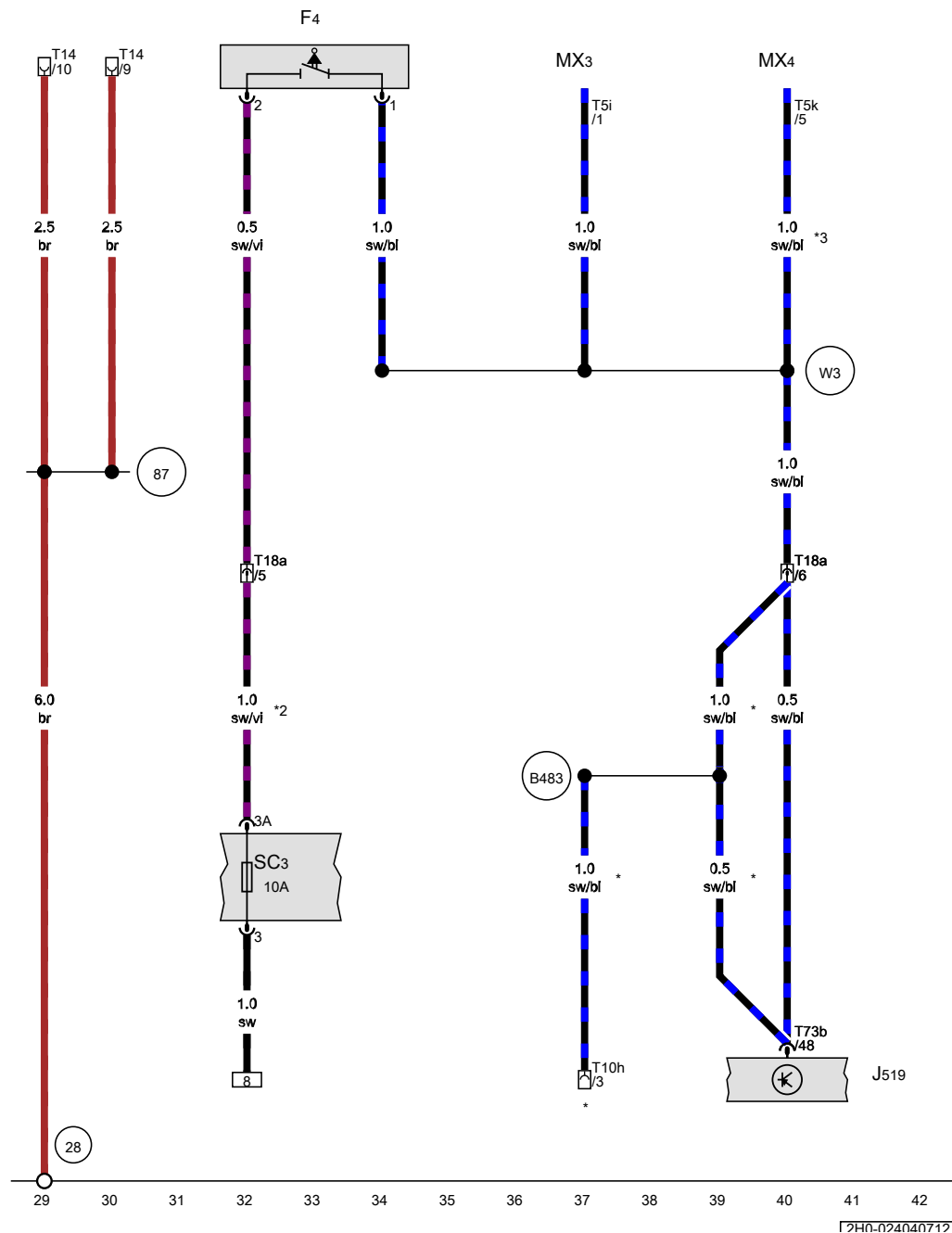
Brake light switch, Trailer detector control unit

- F Brake light switch
- J345 Trailer detector control unit, in centre under dash panel
- T12 12-pin connector
- T14 14-pin connector, behind rear bumper on left
- T14b 14-pin connector
- T16n 16-pin connector
- T42 42-pin connector, near handbrake lever

- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with stop/start system



Reversing light switch, Left tail light, Fuse 3 on fuse holder C



- F4 Reversing light switch
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- SC3 Fuse 3 on fuse holder C
- T5i 5-pin connector
- T5k 5-pin connector
- T10h 10-pin connector
- T14 14-pin connector, behind rear bumper on left
- T18a 18-pin connector, near engine control unit
- T73b 73-pin connector

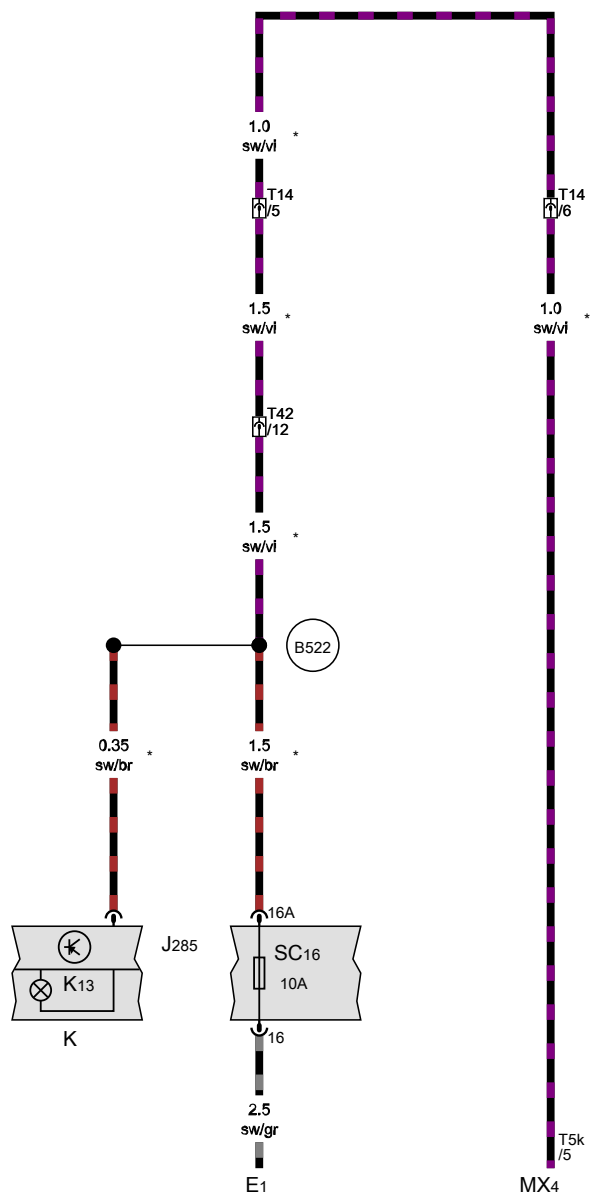
- 28 Earth point, on bulkhead
- 87 Earth connection 2, in rear wiring harness
- B483 Connection 19, in main wiring harness
- W3 Connection in rear wiring harness

- * Only models with electric interface for external use
- *2 see applicable current flow diagram for fuse assignment
- *3 Only models with no rear fog light

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

Light switch, Dash panel insert, Rear fog light warning lamp,
Right tail light

- E1 Light switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K13 Rear fog light warning lamp
- MX4 Right tail light
- SC16 Fuse 16 on fuse holder C
- T5k 5-pin connector
- T14 14-pin connector, behind rear bumper on left
- T42 42-pin connector, near handbrake lever
- B522 Connection (FL), in main wiring harness
- * Only models with rear fog light



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

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

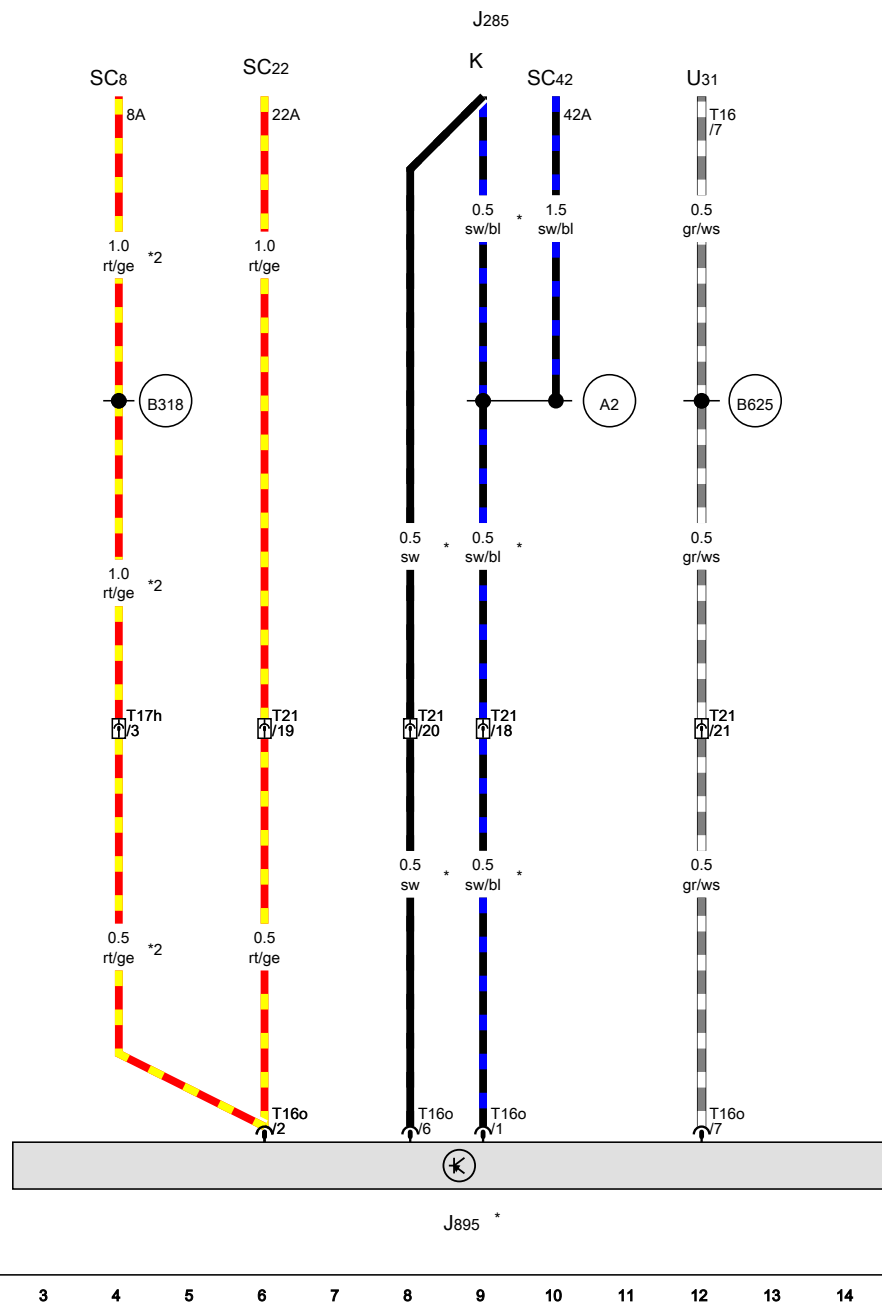
[740-024050712]

Vehicle location system , (B1D)

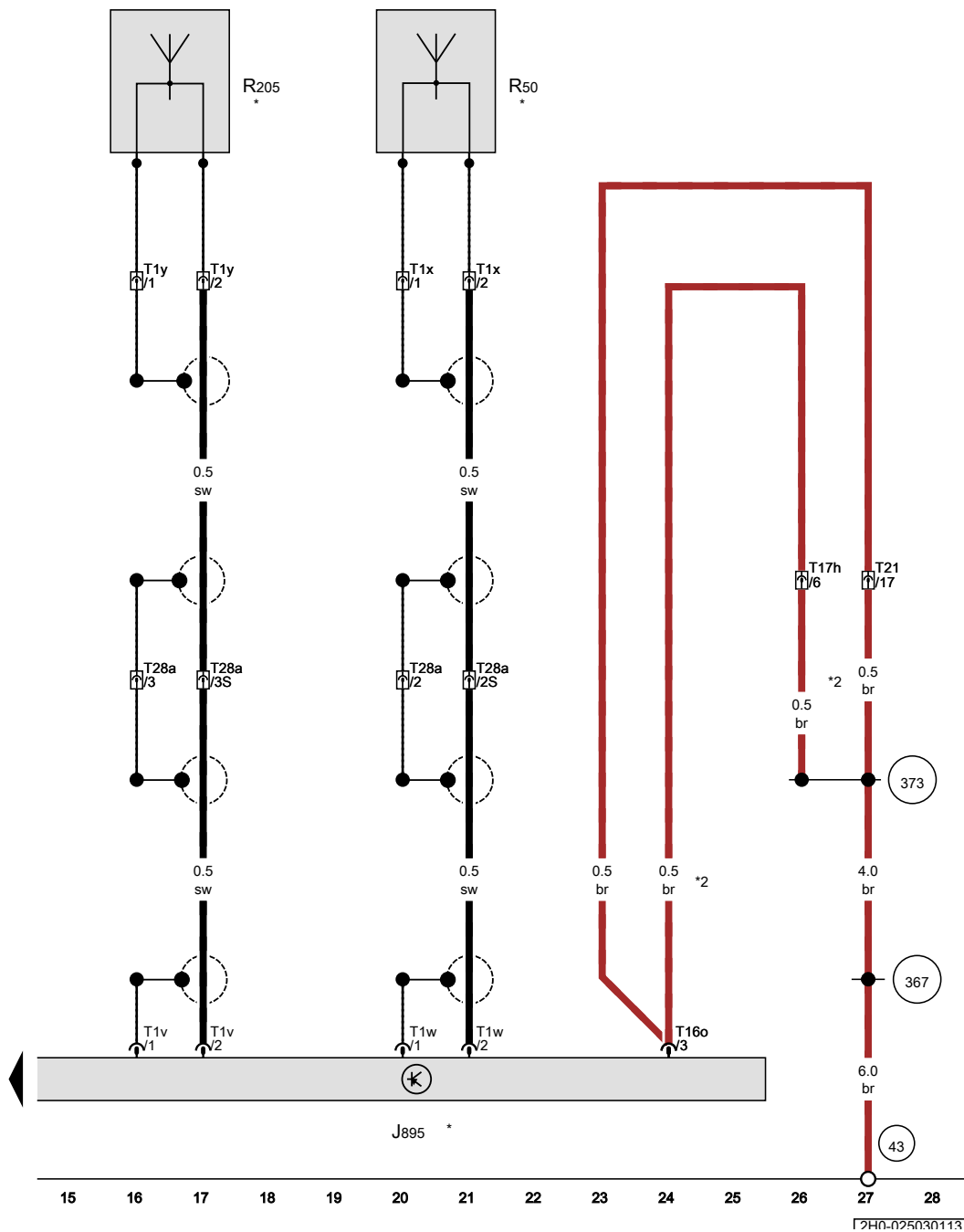
From December 2009

Control unit in dash panel insert, Control unit for vehicle location system, Dash panel insert, Fuse 22 on fuse holder C, Diagnostic connection

- J285 Control unit in dash panel insert
- J895 Control unit for vehicle location system, near radio
- K Dash panel insert
- SC8 Fuse 8 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T16 16-pin connector
- T16o 16-pin connector, brown
- T17h 17-pin connector, on left under dash panel, blue
- T21 21-pin connector, on relay carrier, blue
- U31 Diagnostic connection
- A2 Positive connection (15), in dash panel wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- * Country specific
- *2 From January 2013



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



Control unit for vehicle location system, GPS aerial, GSM aerial

- J895 Control unit for vehicle location system, near radio
- R50 GPS aerial
- R205 GSM aerial
- T1v Single connector, purple
- T1w Single connector, purple
- T1x Single connector, in left door, near exterior mirror
- T1y Single connector, in left door, near exterior mirror
- T16o 16-pin connector, brown
- T17h 17-pin connector, on left under dash panel, blue
- T21 21-pin connector, on relay carrier, blue
- T28a 28-pin connector, on left A-pillar

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness

* Country specific
*2 From June 2012

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

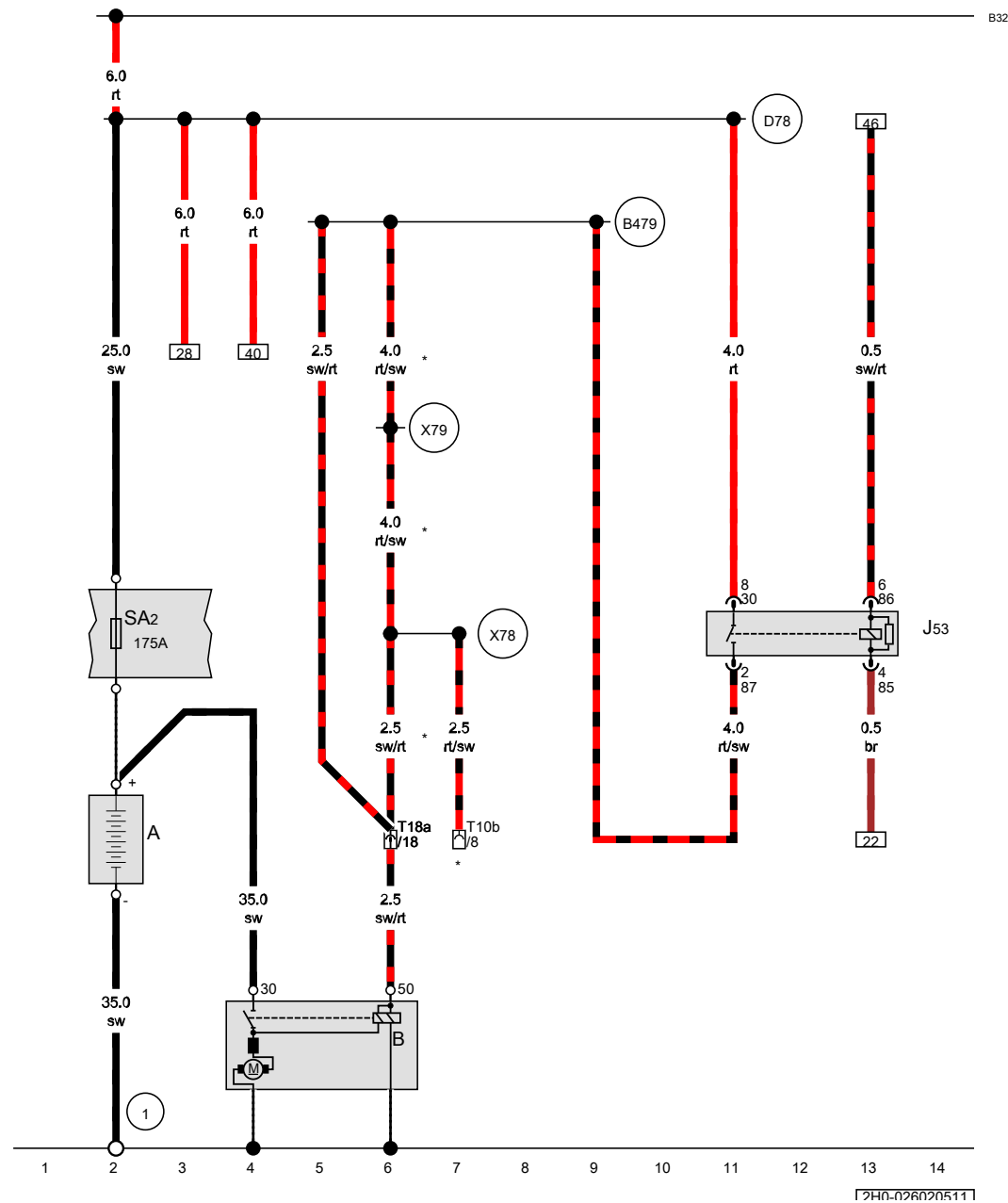
Basic equipment, right-hand drive

From December 2009

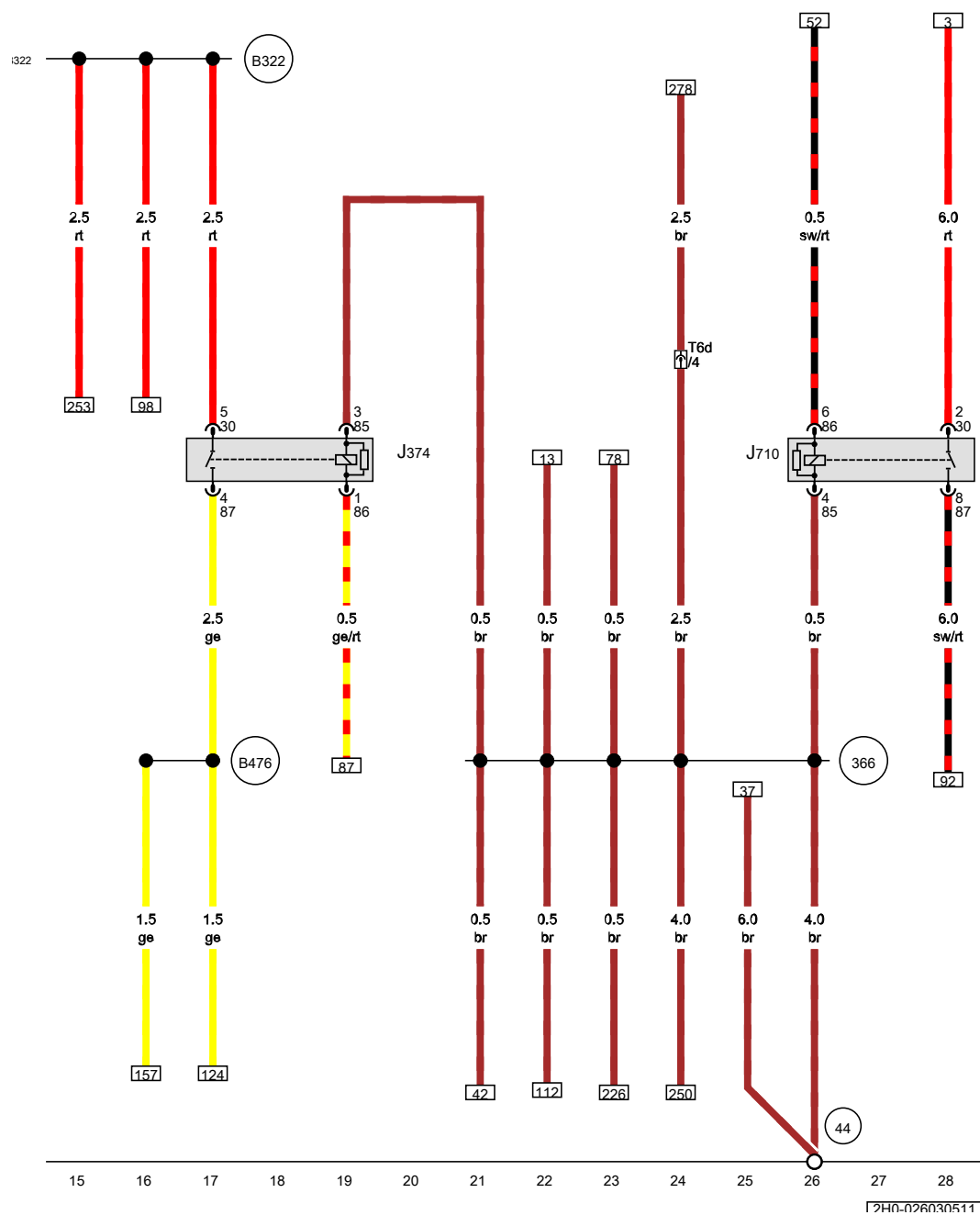
Battery, Starter

- A Battery
- B Starter
- J53 Starter motor relay
- SA2 Fuse 2 in fuse holder A
- T10b 10-pin connector, in left footwell, near centre console
- T18a 18-pin connector, near engine control unit

- 1 Earth strap, battery - body
- B322 Positive connection 8 (30a) in main wiring harness
- B479 Connection 15, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- X78 Connection 1, in optional equipment wiring harness
- X79 Connection 2, in optional equipment wiring harness
- * Only models with electric interface for external use

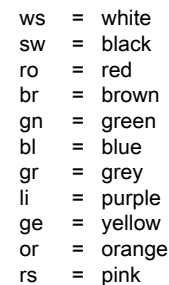


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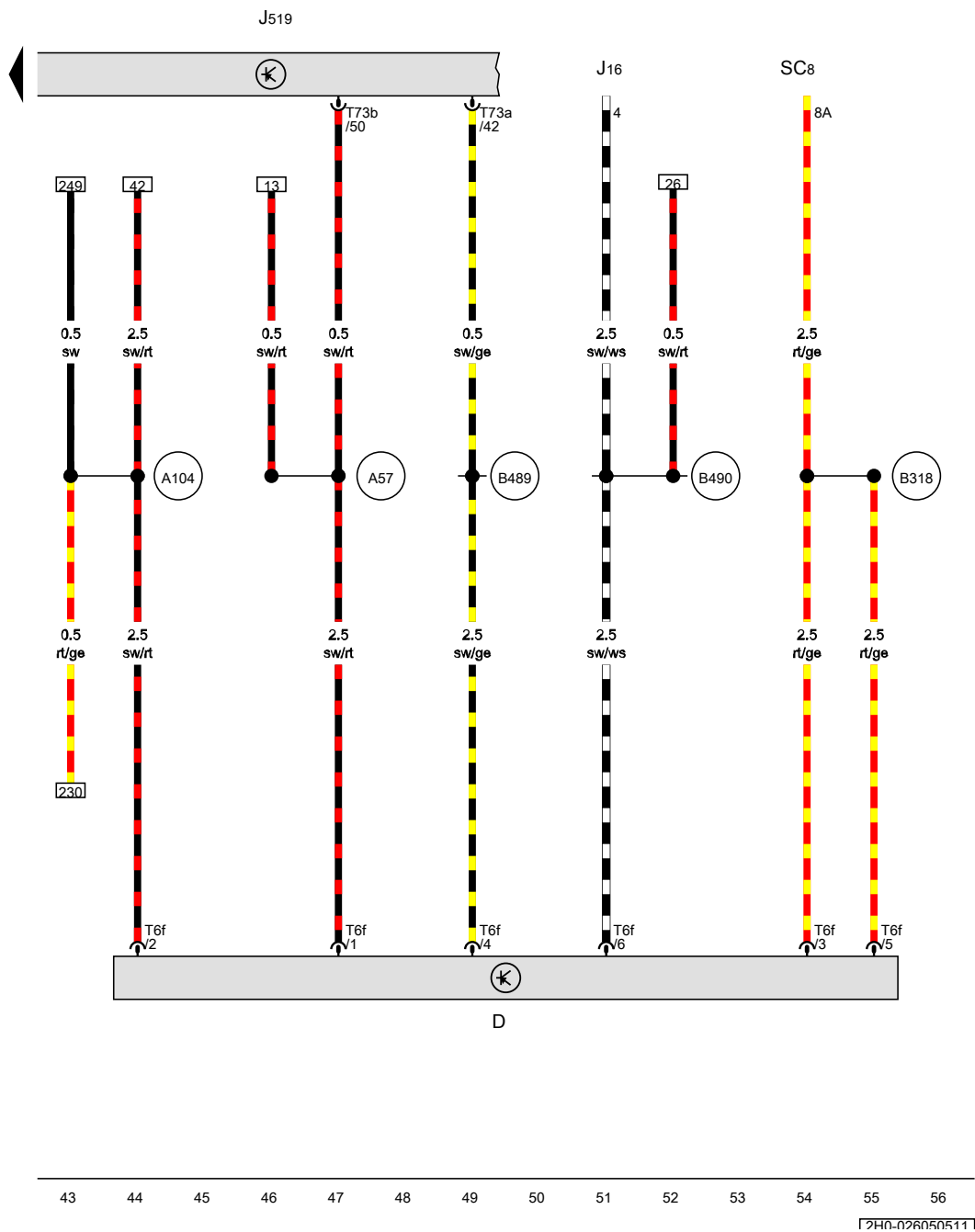
Terminal 58b relief relay, Voltage supply relay 2

- J374 Terminal 58b relief relay
- J710 Voltage supply relay 2
- T6d 6-pin connector, on relay carrier
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B476 Connection 12, in main wiring harness



CX1	Alternator with voltage regulator
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
G623	Engine control unit
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit
T73a	73-pin connector
T73b	73-pin connector
T94a	94-pin connector

- 377 Earth connection 12, in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B569 Connection 36, in main wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with diesel engines
- *3 Only models with petrol engine



Ignition/starter switch, Onboard supply control unit

- D Ignition/starter switch
- J16 Current supply relay
- J519 Onboard supply control unit
- SC8 Fuse 8 on fuse holder C
- T6f 6-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

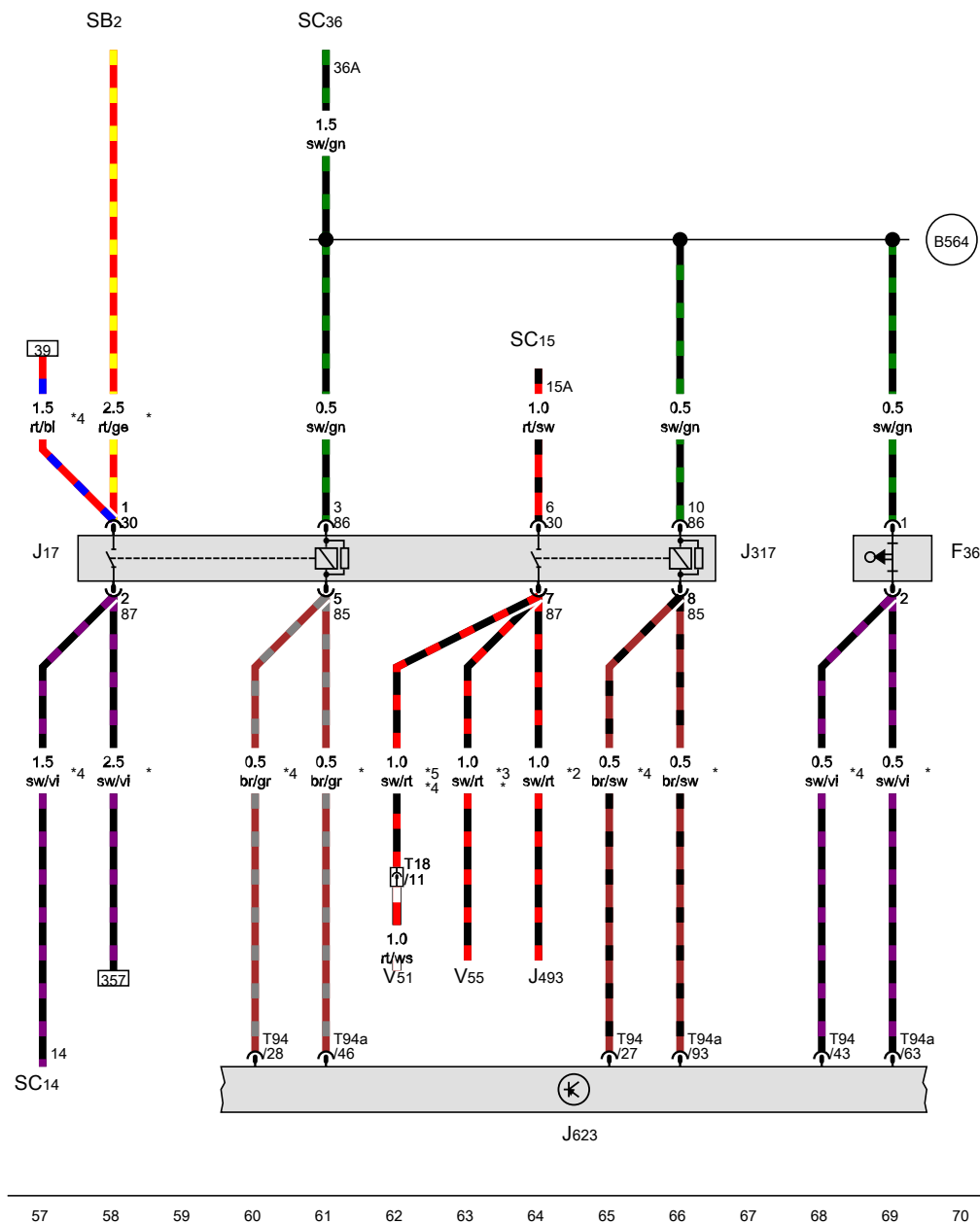
- A57 Positive connection 3 (30), in dash panel wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- B490 Connection 26, in main wiring harness

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay

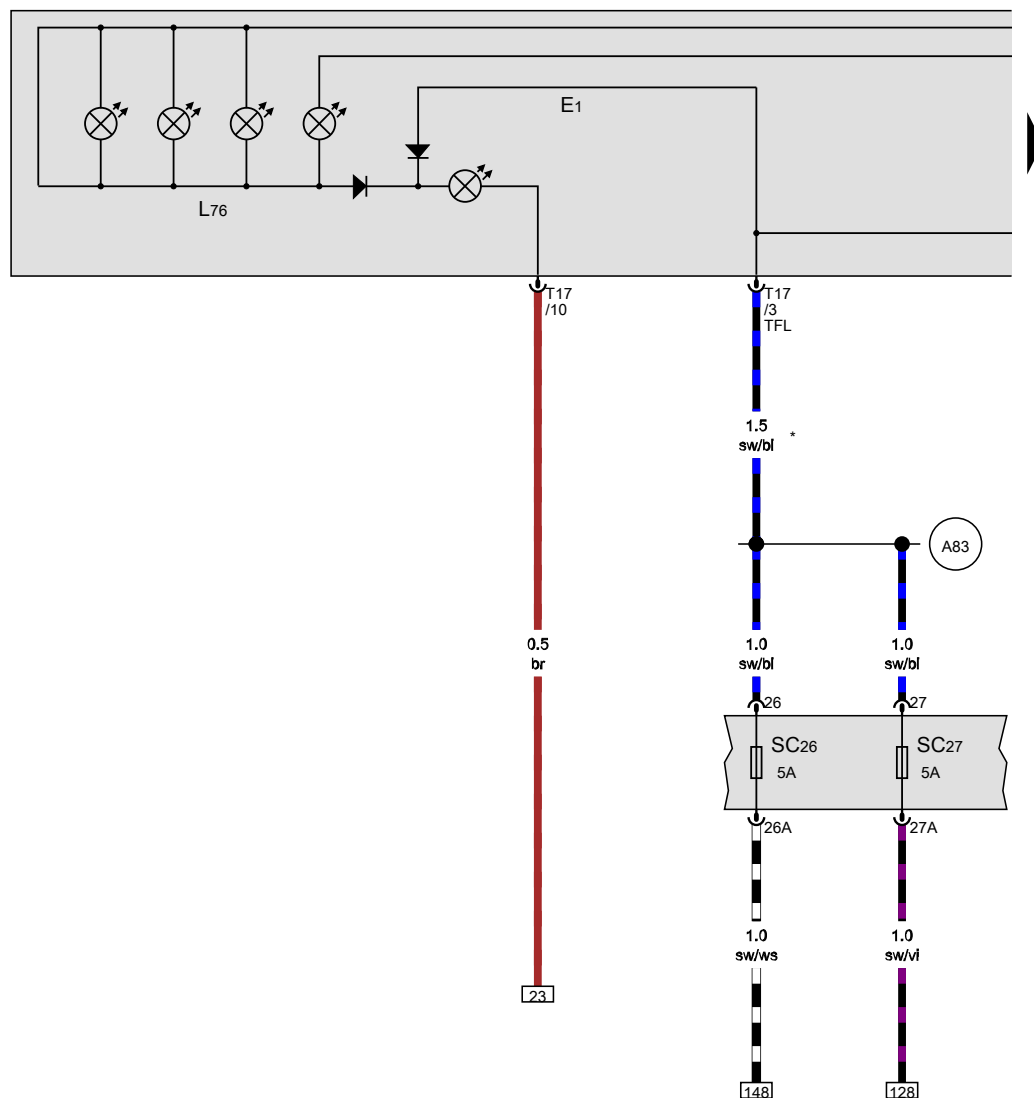
- F36 Clutch pedal switch
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T18 18-pin connector, near engine control unit
- T94 94-pin connector
- T94a 94-pin connector
- V51 Continued coolant circulation pump
- V55 Circulation pump

B564 Connection 31, in main wiring harness

- * Only models with diesel engines
- *2 Only models with air conditioning system/ Climatronic
- *3 Only models with no air conditioning system/Climatronic
- *4 Only models with petrol engine
- *5 Only models with no Climatronic



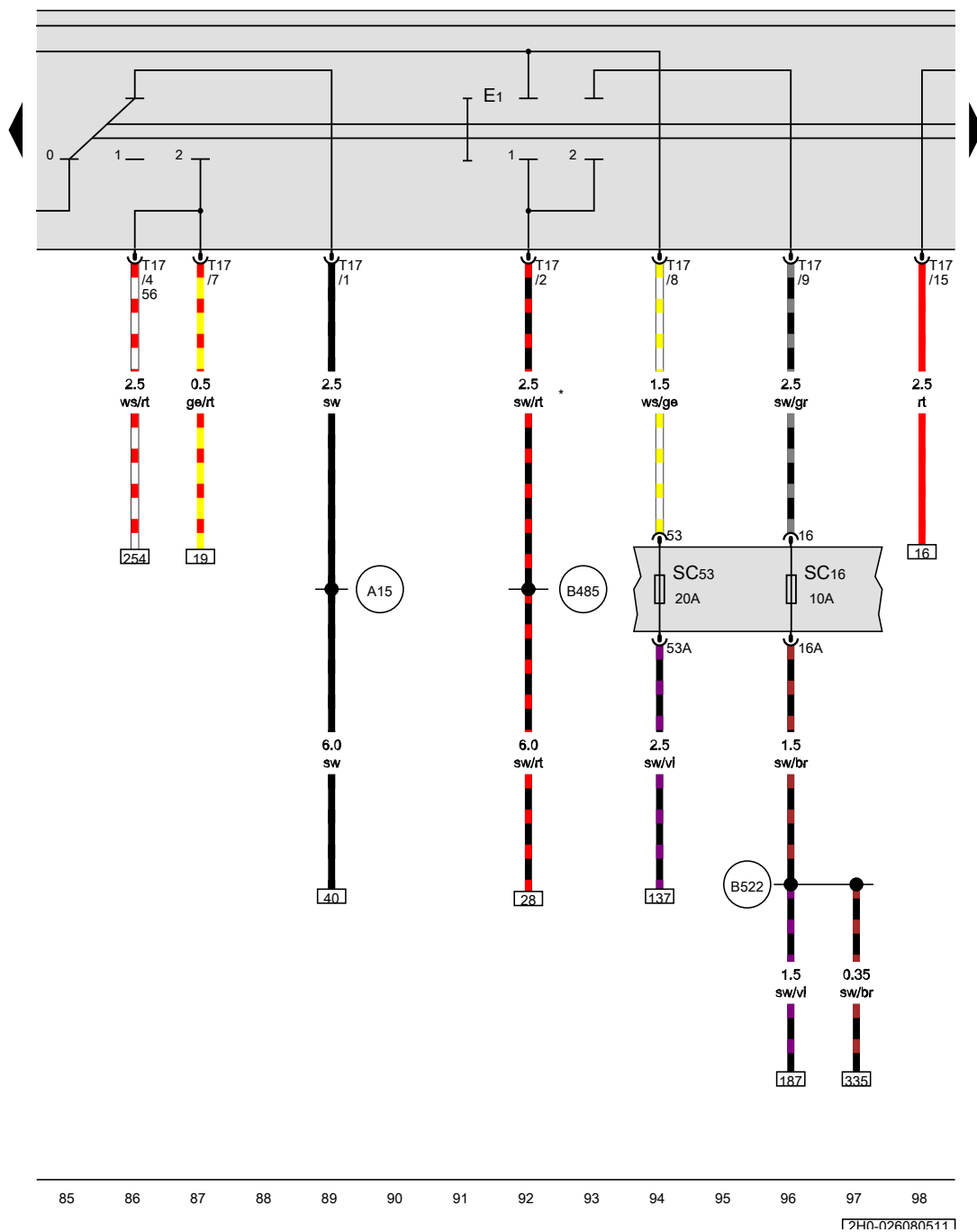
ws = white
 sw = black
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Light switch, Button illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

- E1 Light switch
- L76 Button illumination bulb
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T17 17-pin connector
- A83 Connection (daytime running lights), in dash panel wiring harness
- * Only models with daytime running lights

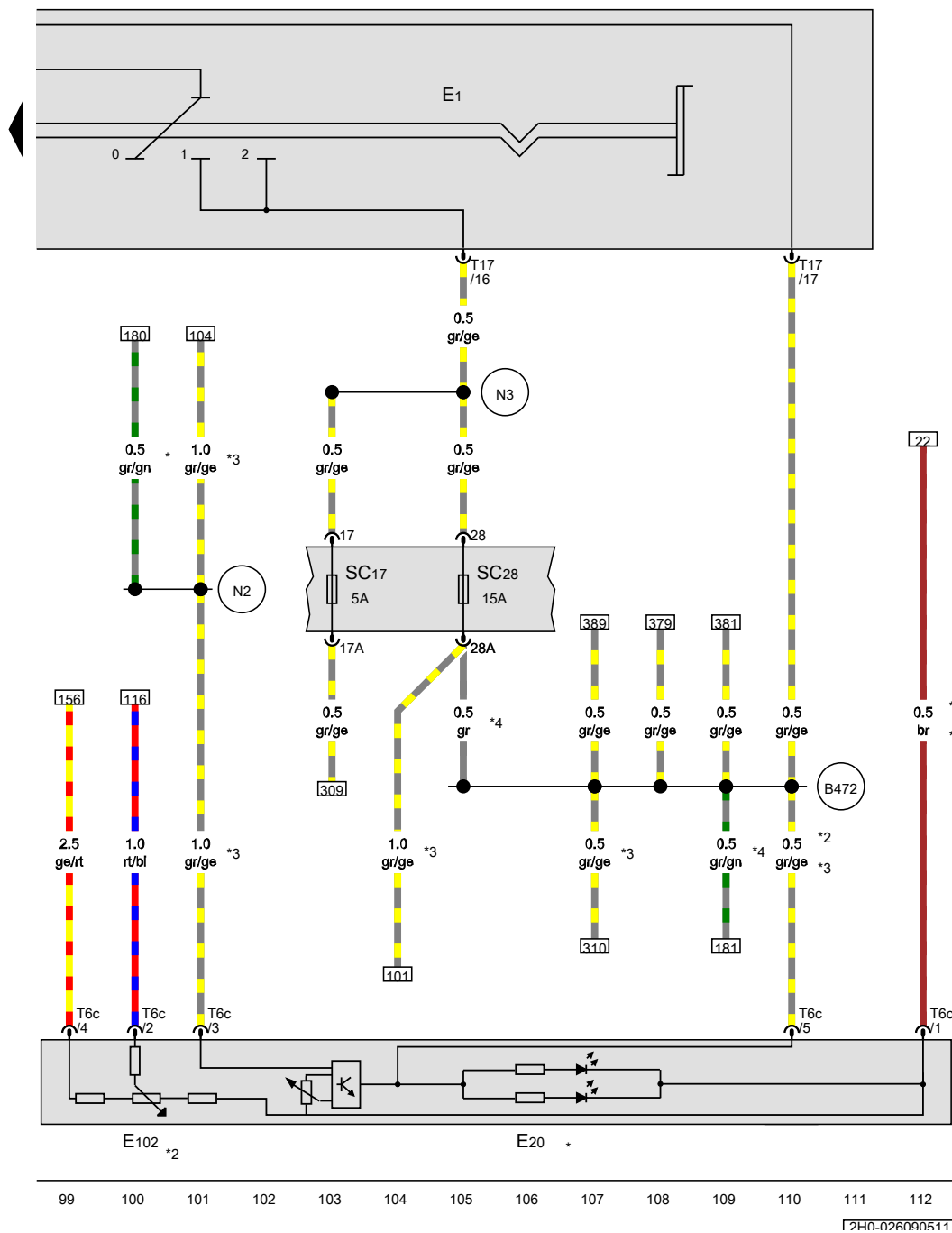
ws = white
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 bl = blue
 gr = grey
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Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C

- E1 Light switch
- SC16 Fuse 16 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T17 17-pin connector
- A15 Positive connection (15), in instrument wiring harness
- B485 Connection 21, in main wiring harness
- B522 Connection (FL), in main wiring harness
- * Only models with fog lights

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



Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C

- E1 Light switch
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T6c 6-pin connector
- T17 17-pin connector

B472 Connection 8, in main wiring harness

N2 Connection 1, in headlight range control wiring harness

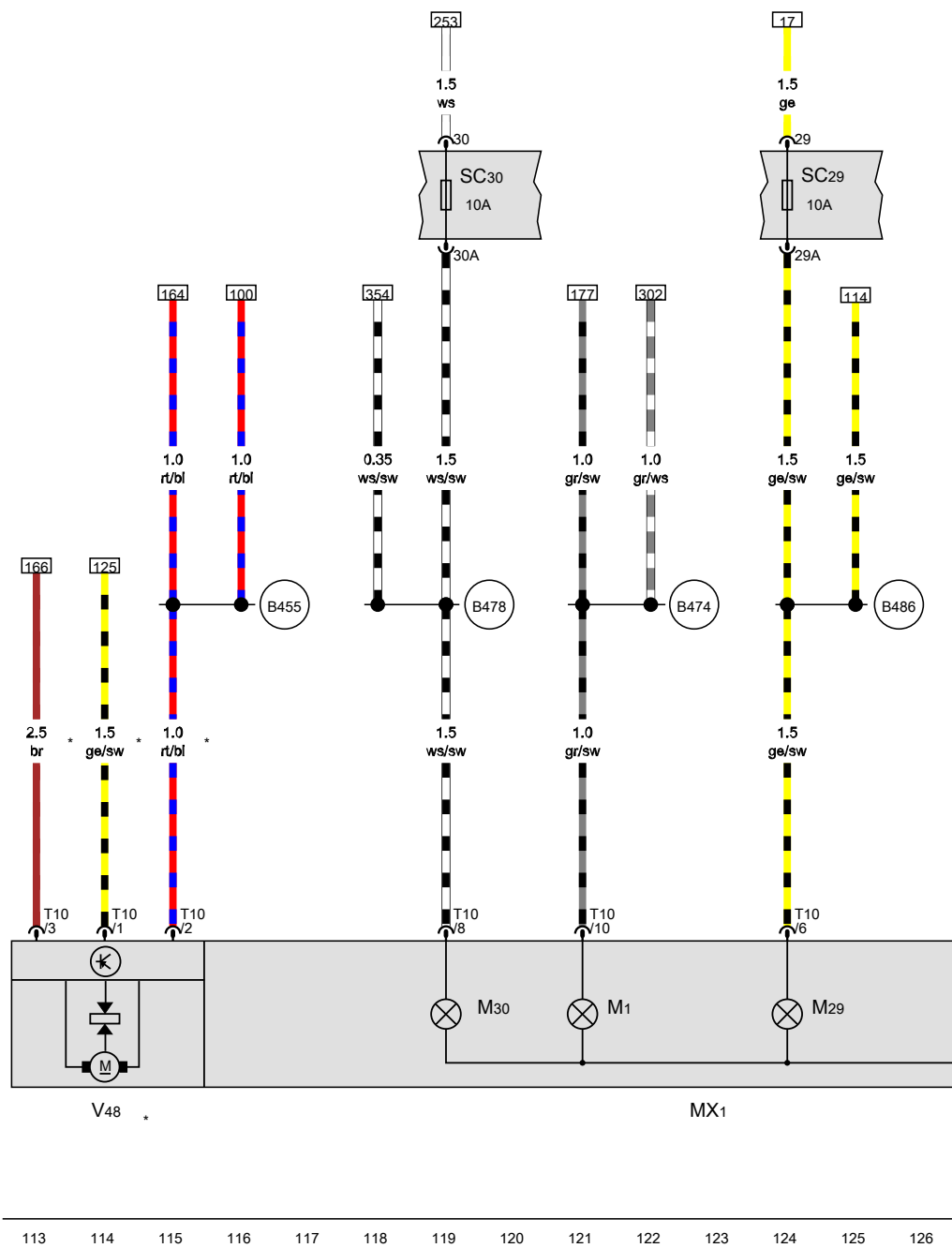
N3 Connection 2, in headlight range control wiring harness

- * Only models with dimmable instrument illumination
- *2 Only models with headlight range control
- *3 Only models with Highline equipment
- *4 Only models with no dimmable instrument illumination

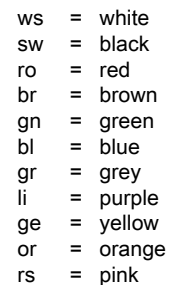
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Front left headlight

- M1 Left side light bulb
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- V48 Left headlight range control motor
- B455 Connection (HRC), in main wiring harness
- B474 Connection 10, in main wiring harness
- B478 Connection 14, in main wiring harness
- B486 Connection 22, in main wiring harness
- * Only models with headlight range control

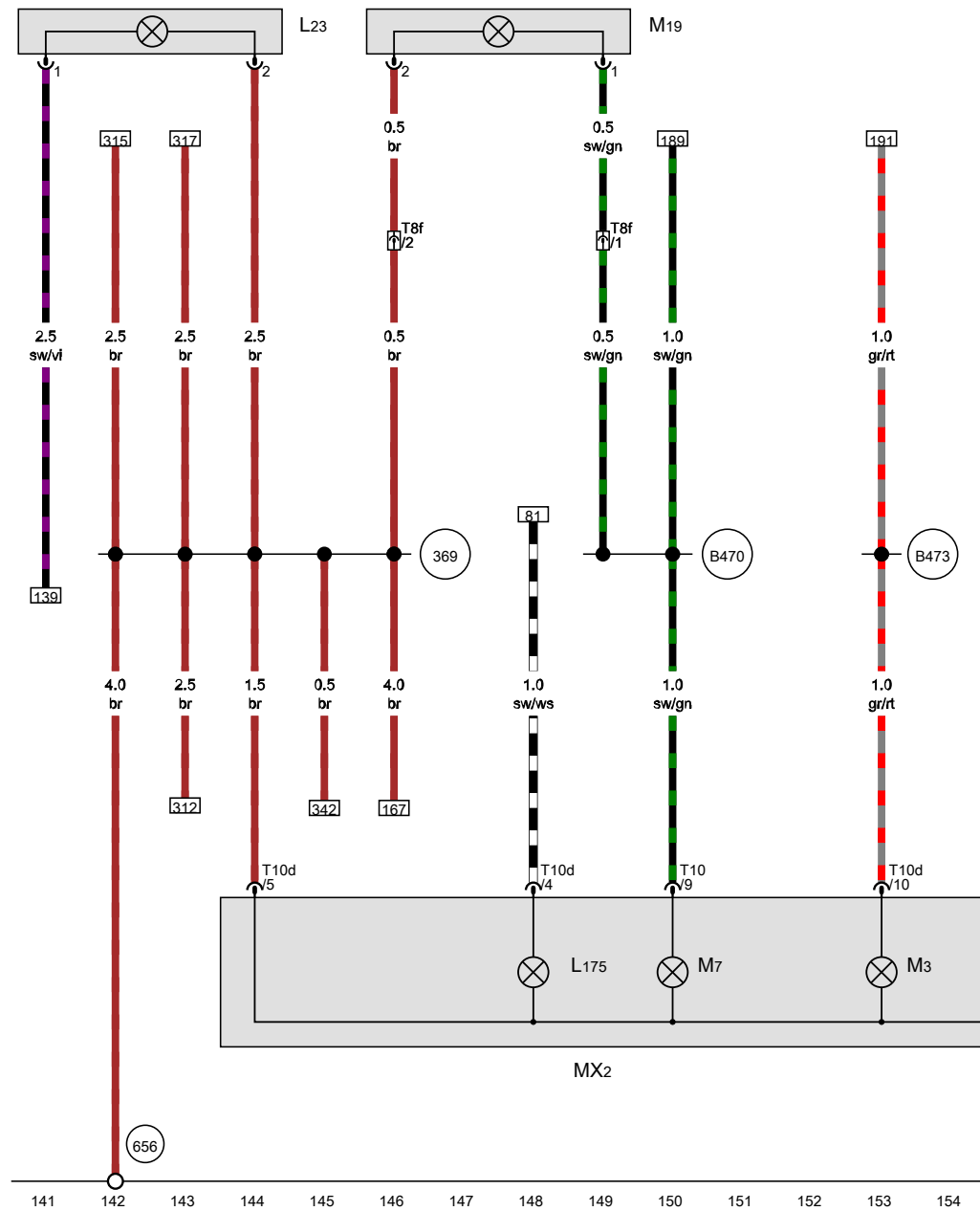


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



(B484) Connection 20, in main wiring harness

Right fog light bulb, Front right headlight, Right turn signal repeater bulb



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Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10b 10-pin connector, behind dash panel, centre
- T10d 10-pin connector
- V49 Right headlight range control motor

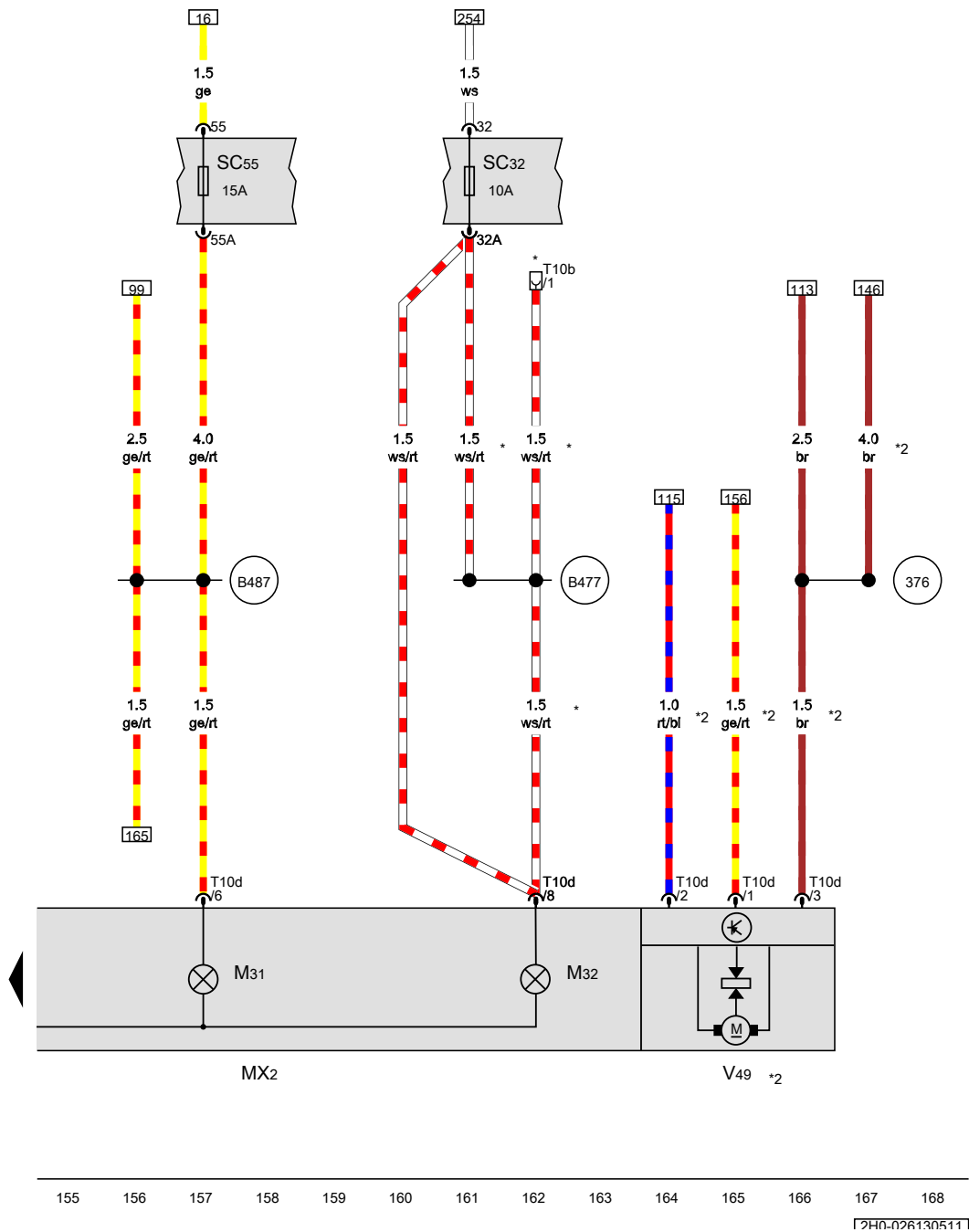
376 Earth connection 11, in main wiring harness

B477 Connection 13, in main wiring harness

B487 Connection 23, in main wiring harness

* Only models with electric interface for external use

*2 Only models with headlight range control



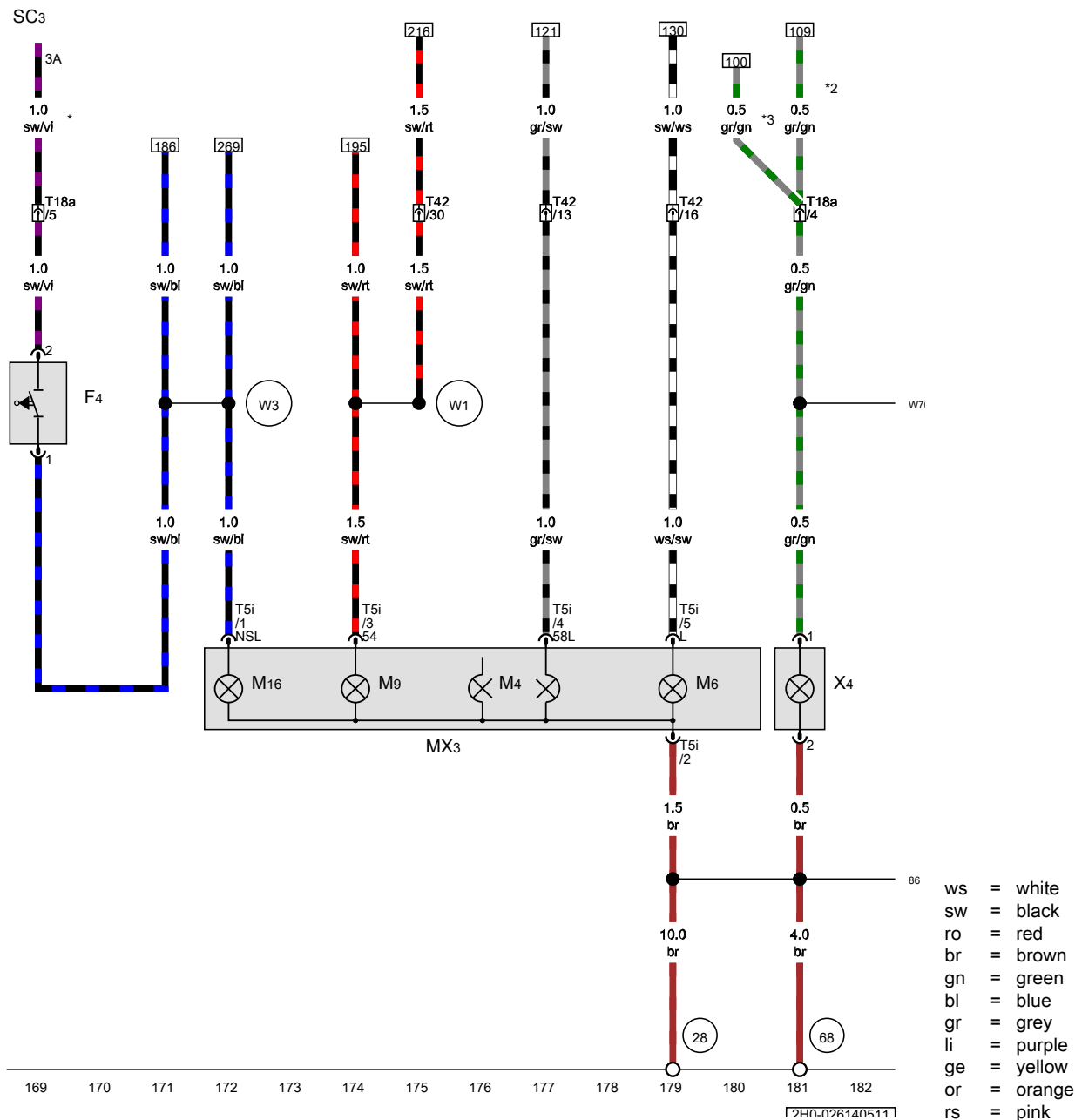
ws = white
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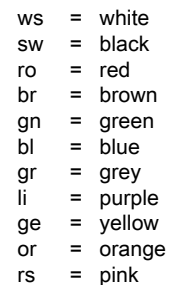
Reversing light switch, Left tail light, Fuse 3 on fuse holder C, Left number plate light

- F4 Reversing light switch
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- SC3 Fuse 3 on fuse holder C
- T5i 5-pin connector
- T18a 18-pin connector, near engine control unit
- T42 42-pin connector, near handbrake lever
- X4 Left number plate light

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Only models with no dimmable instrument illumination
- *3 Only models with dimmable instrument illumination





L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector
T42	42-pin connector, near handbrake lever
X5	Right number plate light

(W70) Positive connection 2 (58), in number plate wiring harness

- * According to equipment
- *2 Only models with rear fog lights
- *3 Only models with no rear fog light

Brake light switch

F Brake light switch
J623 Engine control unit
T4c 4-pin connector
T94 94-pin connector
T94a 94-pin connector

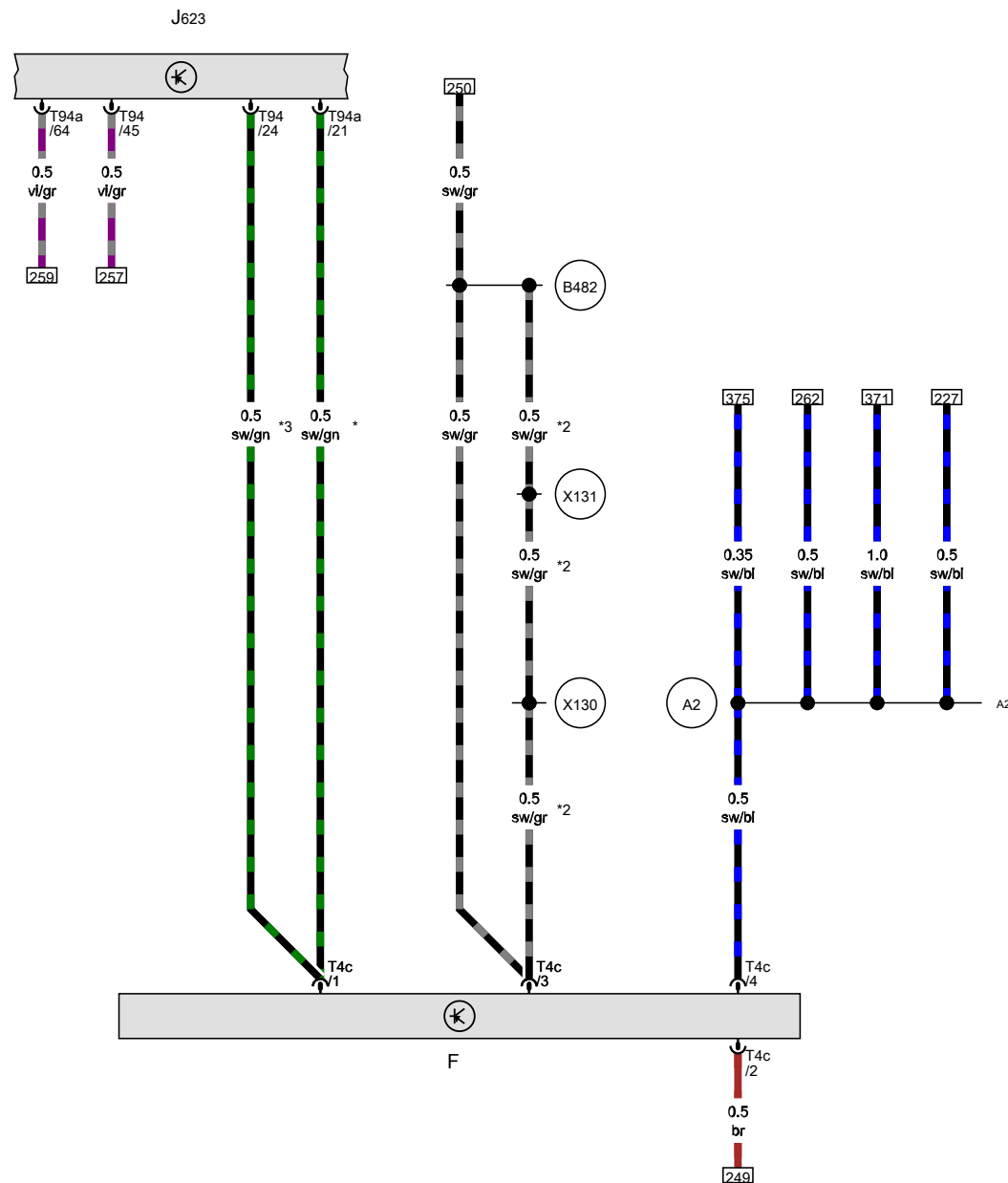
A2 Positive connection (15), in dash panel wiring harness

B482 Connection 18, in main wiring harness

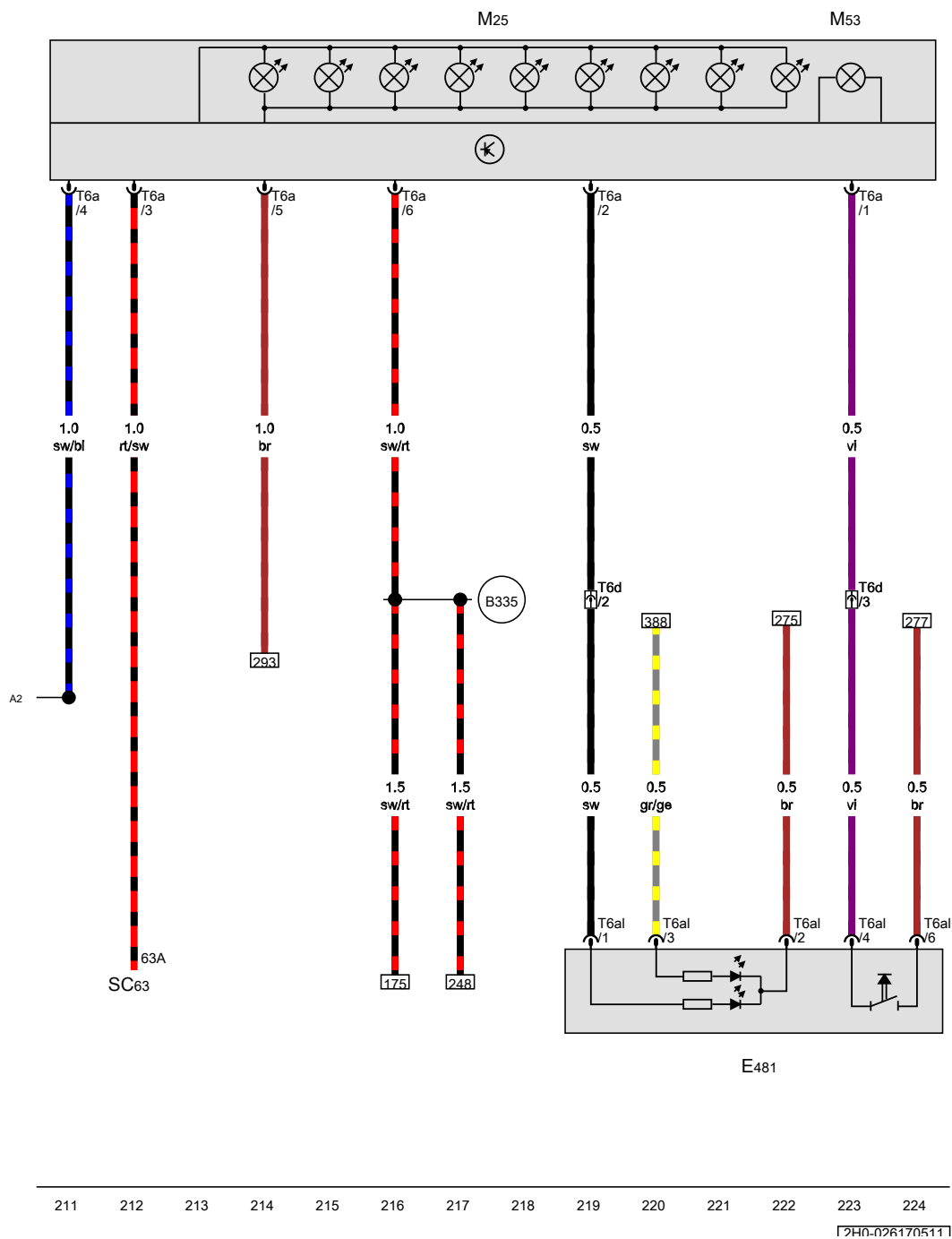
X130 Connection 3, in optional equipment wiring harness

X131 Connection 4, in optional equipment wiring harness

* Contact bridge, only models with diesel engine
*2 Only models with electric interface for external use
*3 Only models with petrol engine



ws = white
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Load area illumination switch, Additional brake light bulb, Load area illumination bulb

- E481 Load area illumination switch, near radio
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC63 Fuse 63 on fuse holder C
- T6a 6-pin connector
- T6al 6-pin connector
- T6d 6-pin connector, on relay carrier

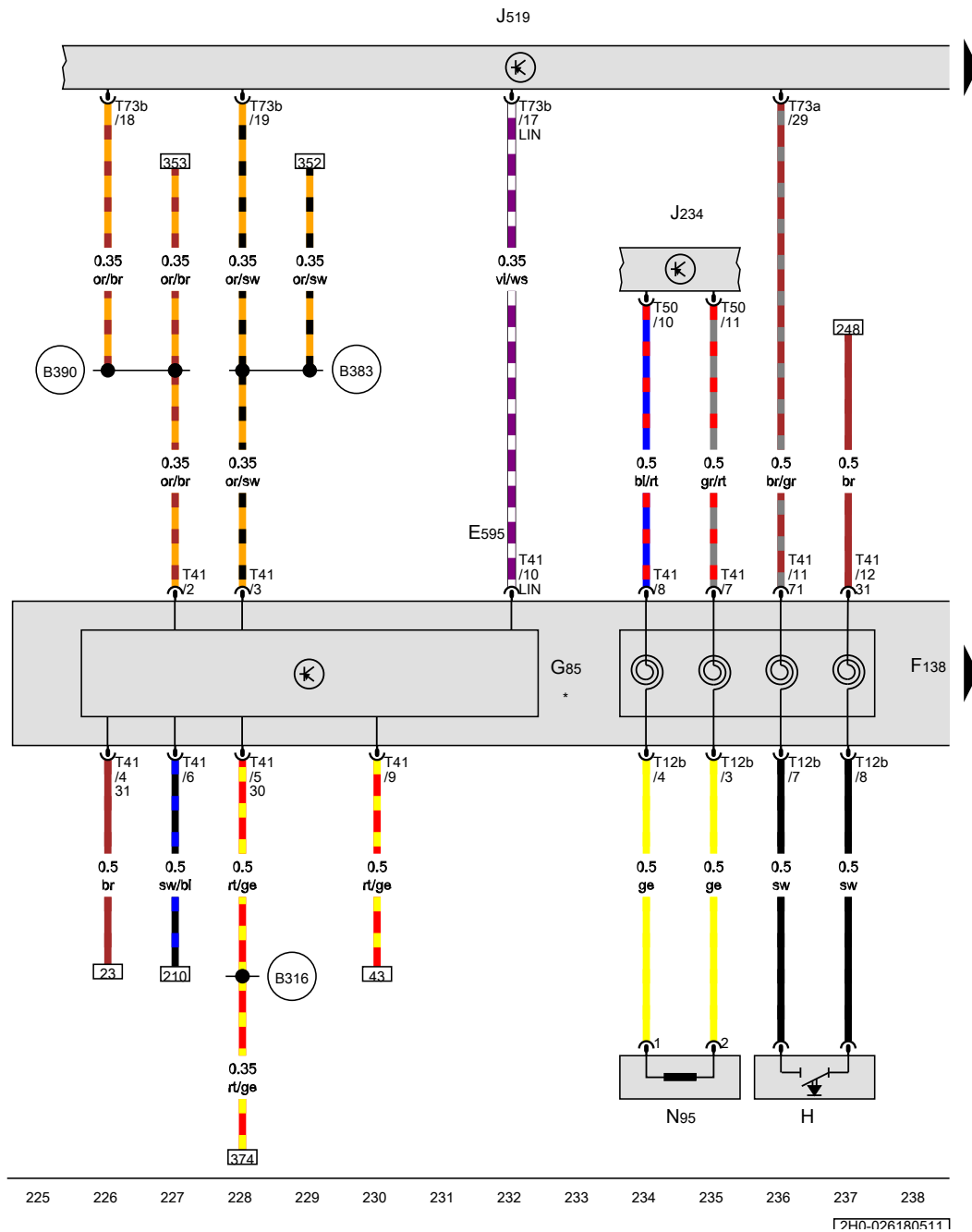
A2 Positive connection (15), in dash panel wiring harness

B335 Connection 1 (54), in main wiring harness

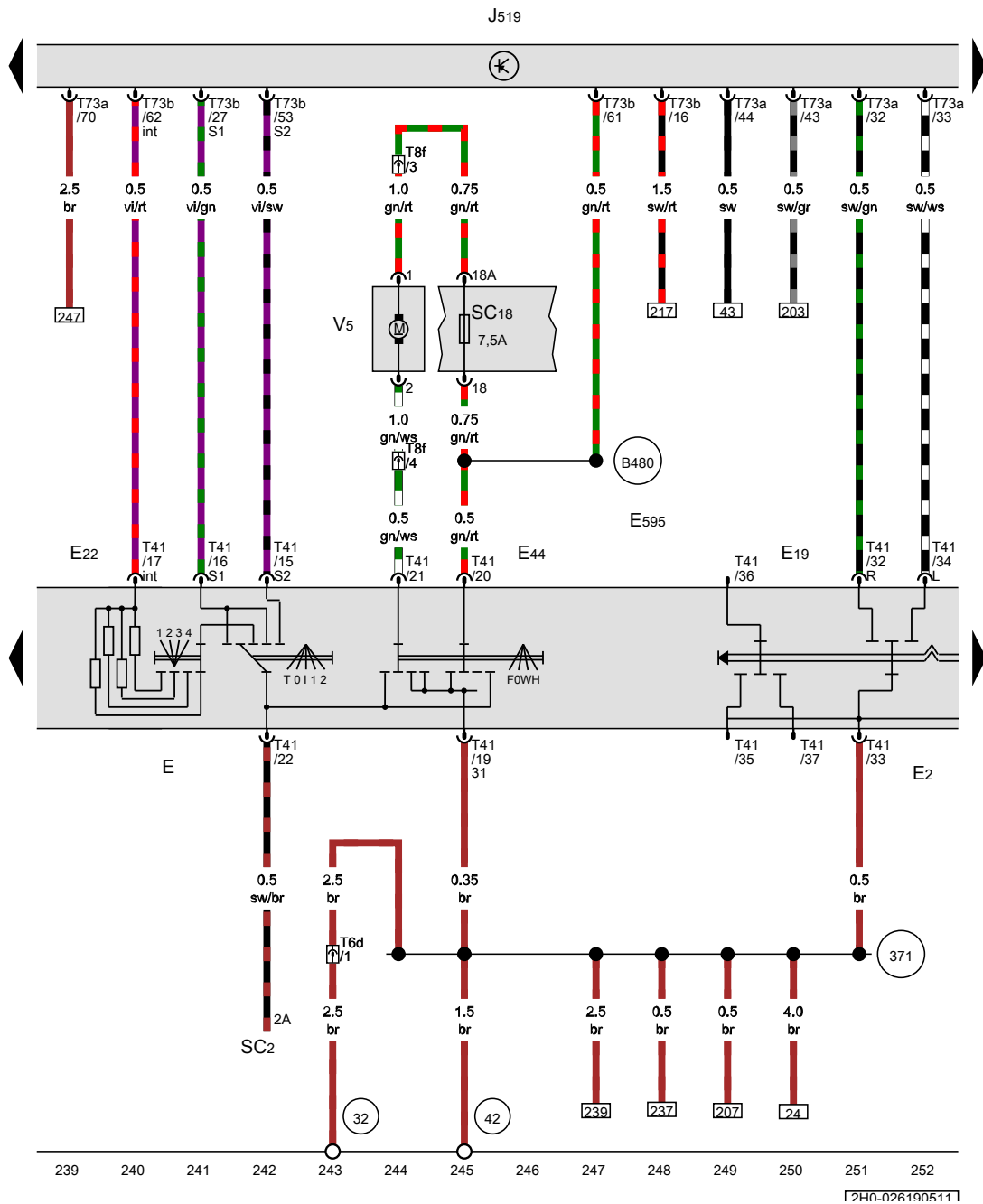
Steering column combination switch, Steering angle sender, Horn plate

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit, near driver side A-pillar
- N95 Driver side airbag igniter
- T12b 12-pin connector
- T41 41-pin connector
- T50 50-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- B316 Positive connection 2 (30a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)



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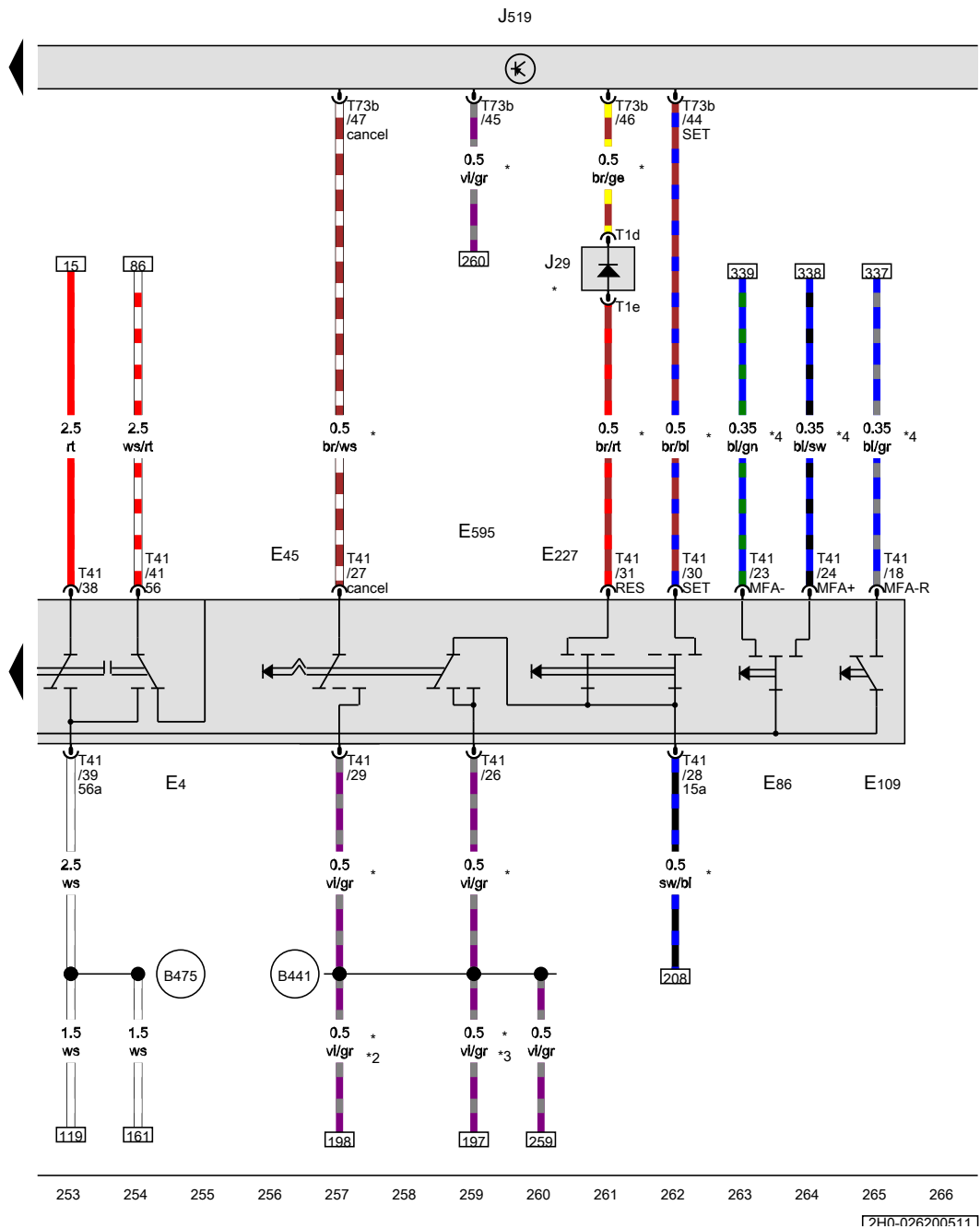


Turn signal switch, Steering column combination switch, Washer pump

- E Windscreen wiper switch
 - E2 Turn signal switch
 - E19 Parking light switch
 - E22 Intermittent wiper switch
 - E44 Washer pump switch (automatic wash/wipe and headlight washer system)
 - E595 Steering column combination switch
 - J519 Onboard supply control unit, near driver side A-pillar
 - SC2 Fuse 2 on fuse holder C
 - SC18 Fuse 18 on fuse holder C
 - T6d 6-pin connector, on relay carrier
 - T8f 8-pin connector, in rear right of engine compartment
 - T41 41-pin connector
 - T73a 73-pin connector
 - T73b 73-pin connector
 - V5 Washer pump
- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- B480 Connection 16, in main wiring harness

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Multifunction display call-up button, Cruise control system (CCS) SET button, Steering column combination switch

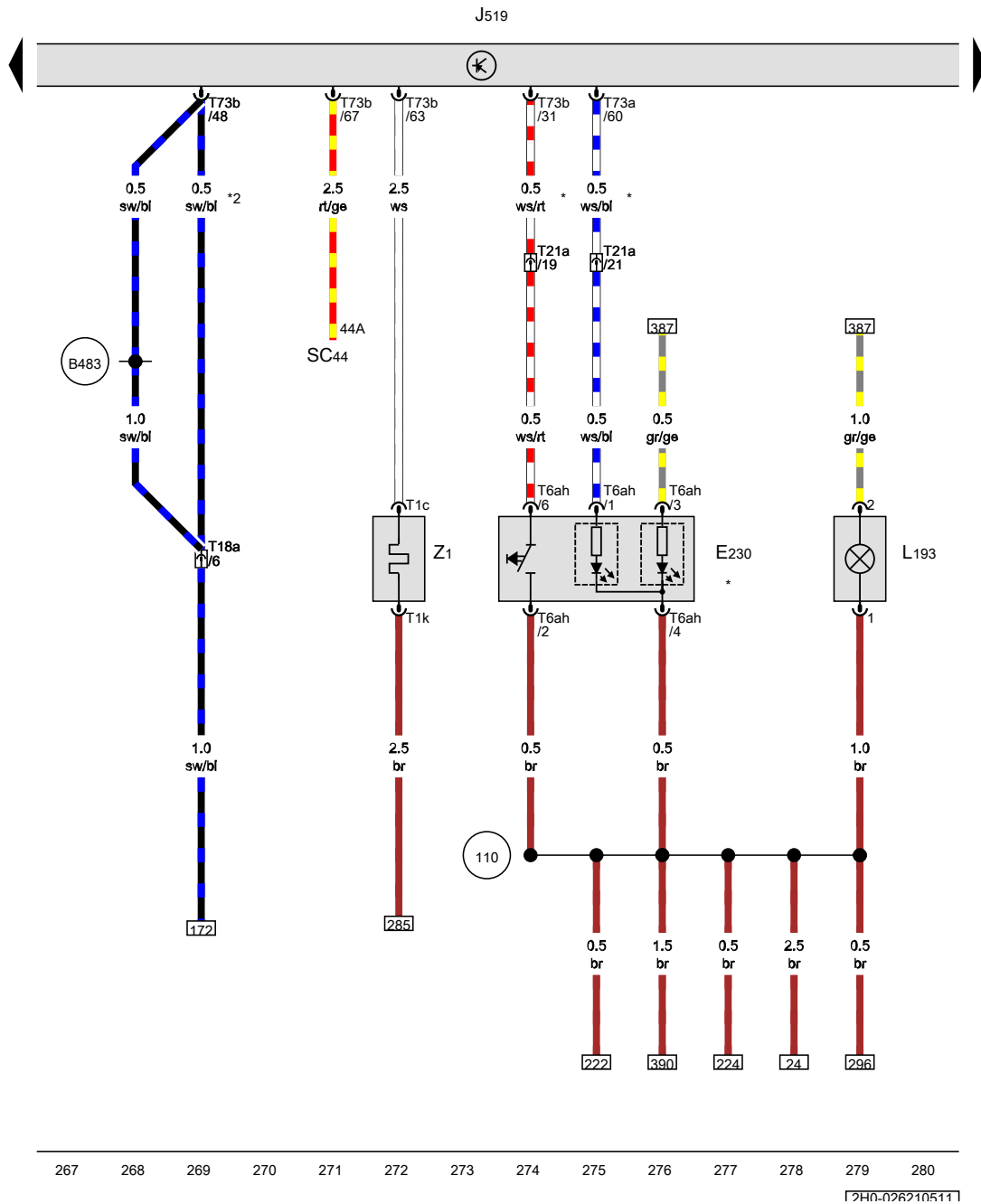


- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J29 Blocking diode
- J519 Onboard supply control unit, near driver side A-pillar
- T1d Single connector
- T1e Single connector
- T41 41-pin connector
- T73b 73-pin connector

B441 Connection (CCS), in main wiring harness

B475 Connection 11, in main wiring harness

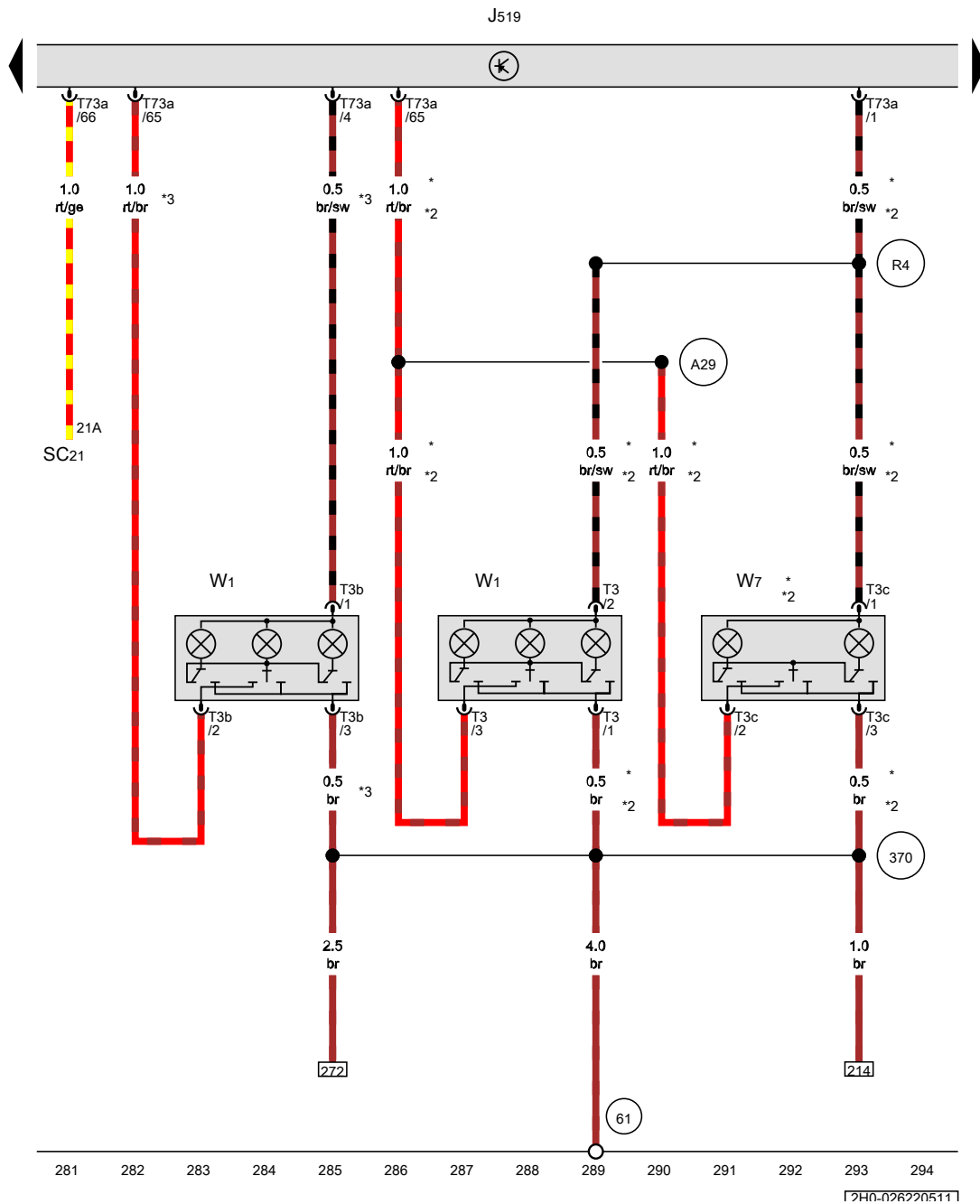
- * Only models with cruise control system (CCS)
- *2 Only models with petrol engine
- *3 Only models with diesel engines
- *4 Only models with multifunction display



Heated rear window button, Light 1 for front centre console background lighting, Fuse 44 on fuse holder C, Heated rear window

- E230 Heated rear window button, near radio
- J519 Onboard supply control unit, near driver side A-pillar
- L193 Light 1 for front centre console background lighting, in centre of dash panel
- SC44 Fuse 44 on fuse holder C
- T1c Single connector
- T1k Single connector
- T6ah 6-pin connector
- T18a 18-pin connector, near engine control unit
- T21a 21-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- Z1 Heated rear window
- 110 Earth connection 2, in dash panel wiring harness
- B483 Connection 19, in main wiring harness
- * Only models with no air conditioning system/Climatronic
- *2 Only models with no electric interface

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Front interior light, Centre interior light

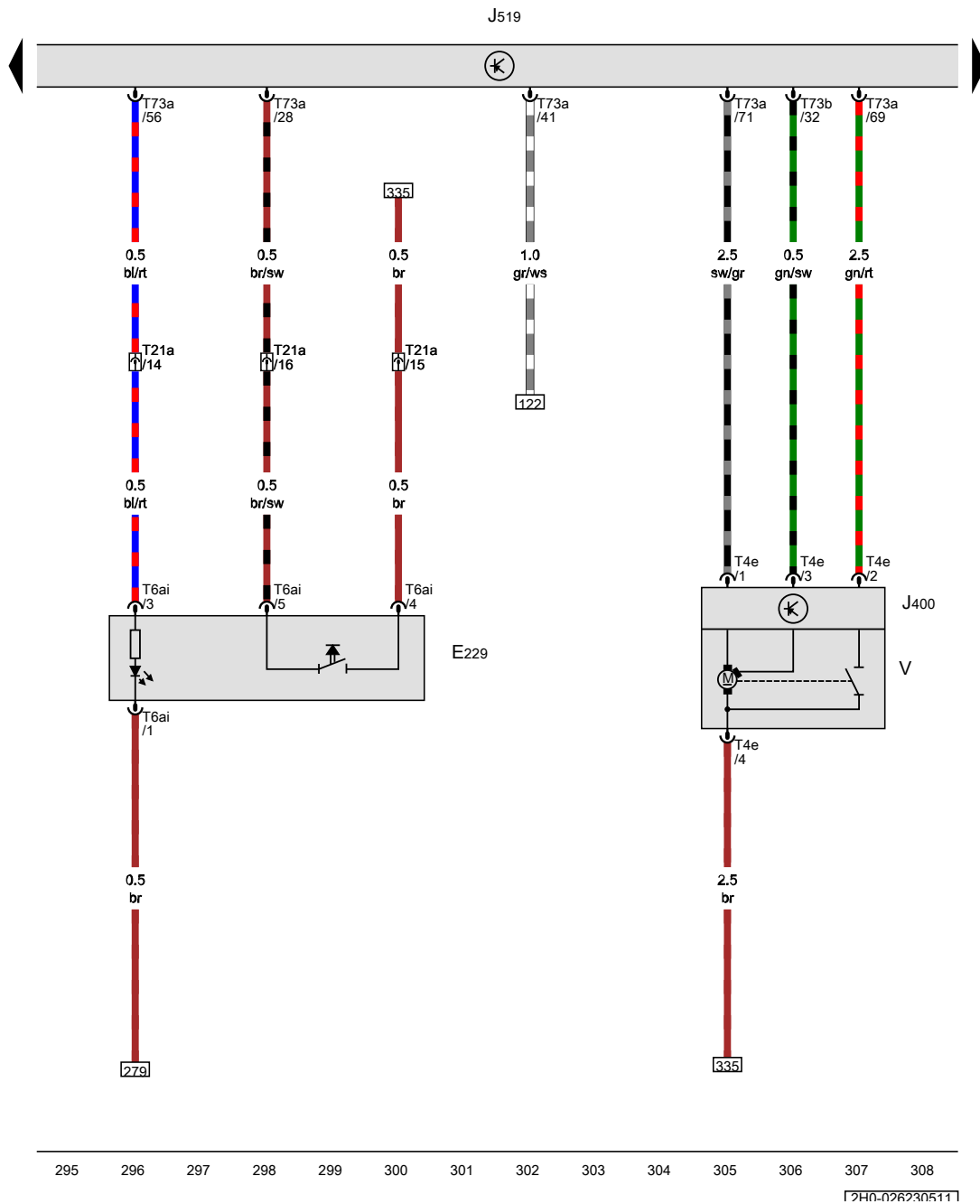
J519 Onboard supply control unit, near driver side A-pillar
 SC21 Fuse 21 on fuse holder C
 T3 3-pin connector
 T3b 3-pin connector
 T3c 3-pin connector
 T73a 73-pin connector
 W1 Front interior light
 W7 Centre interior light

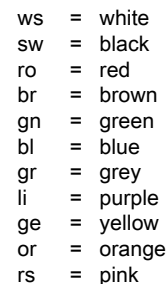
61 Earth point, left C-pillar
 370 Earth connection 5, in main wiring harness
 A29 Connection (interior light), in dash panel wiring harness
 R4 Connection 1, in interior light/door contact switch wiring harness

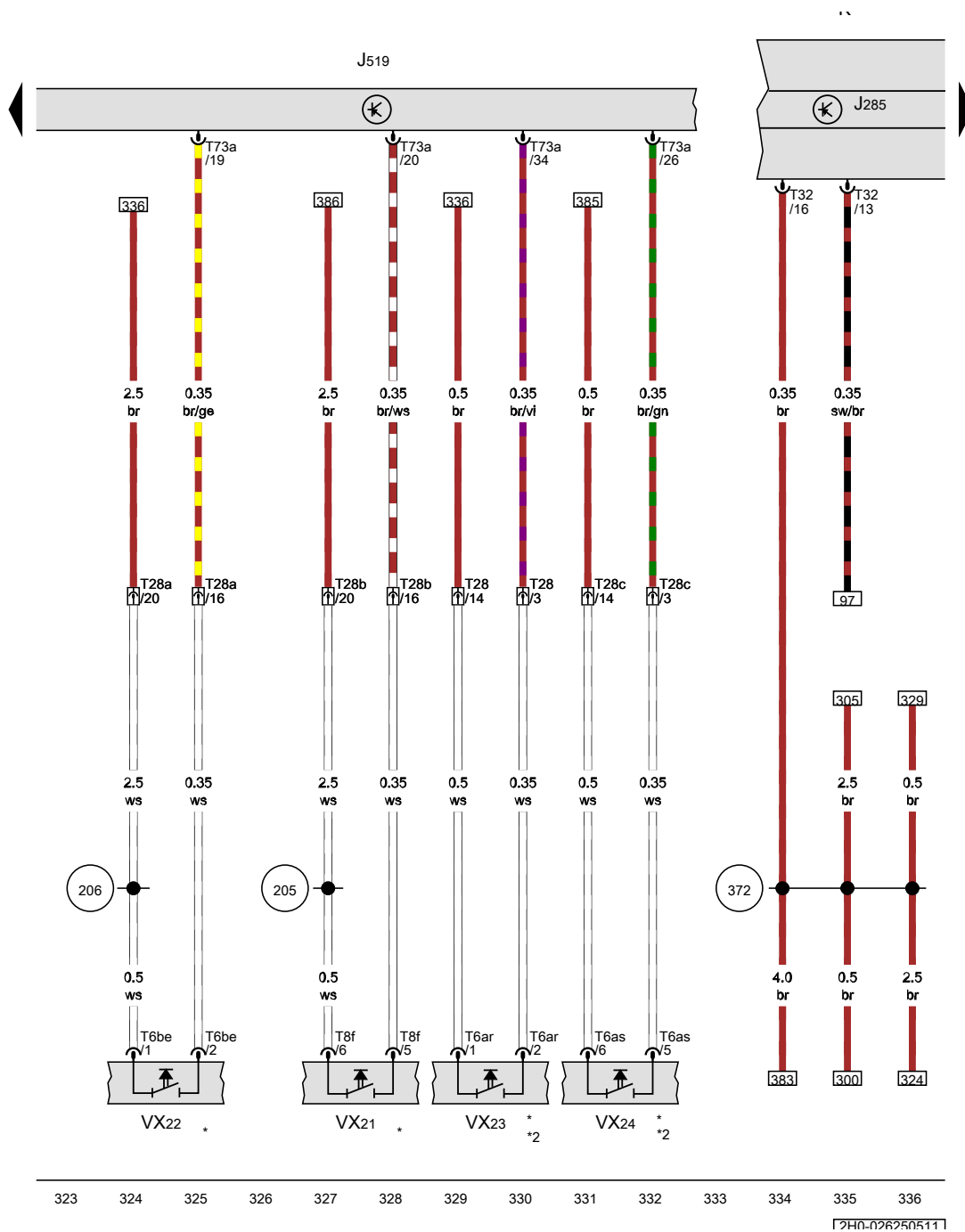
* Only models with double cab
 *2 Only models with Highline equipment
 *3 Only models with basic equipment

Hazard warning lights button, Windscreen wiper motor

- E229 Hazard warning lights button, near radio
- J400 Wiper motor control unit
- J519 Onboard supply control unit, near driver side A-pillar
- T4e 4-pin connector
- T6ai 6-pin connector
- T21a 21-pin connector, on relay carrier
- T73a 73-pin connector
- T73b 73-pin connector
- V Windscreen wiper motor





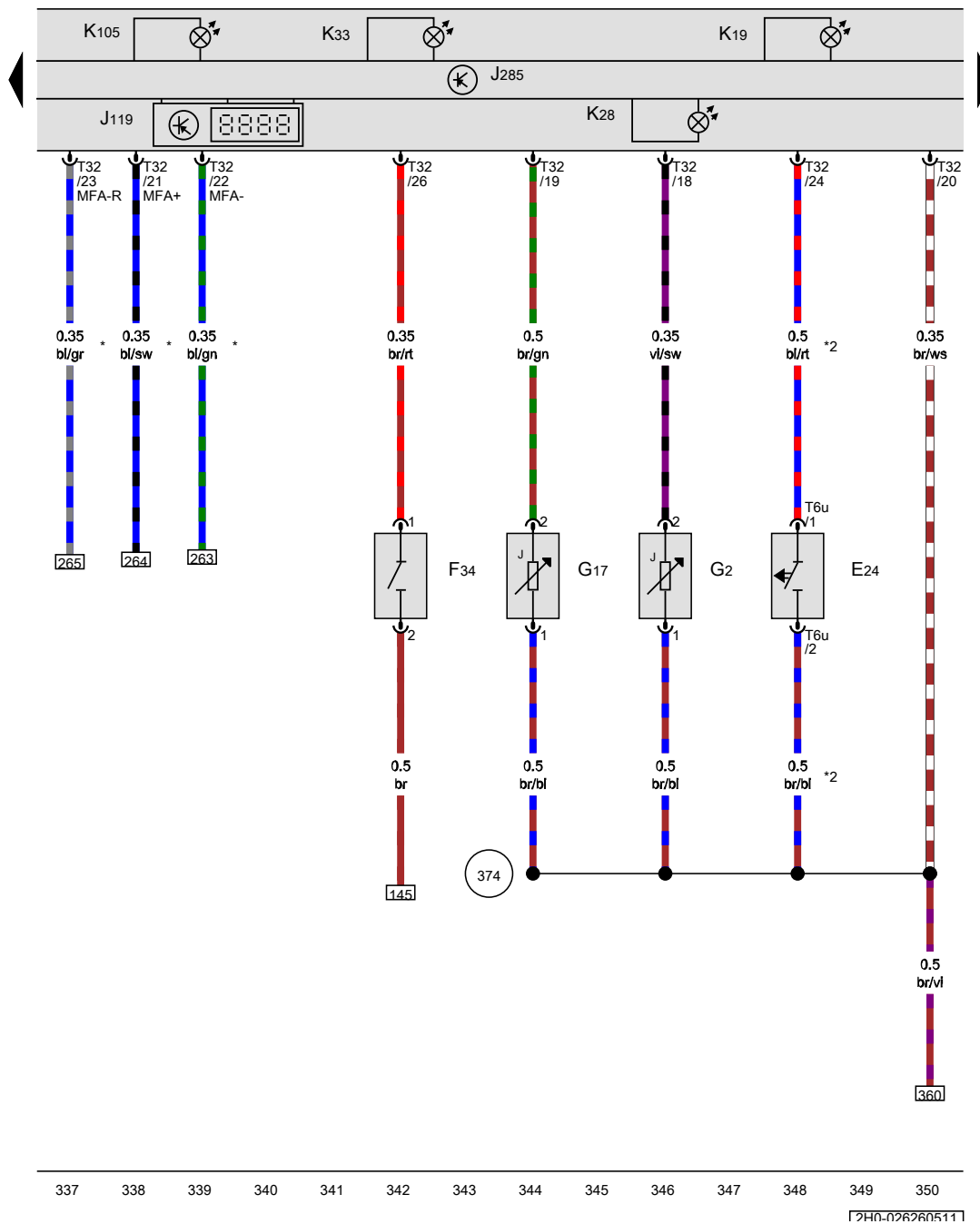


Dash panel insert, Driver door lock unit, Front passenger door lock unit, Rear left door lock unit, Rear right door lock unit

- J285 Control unit in dash panel insert
- J519 Onboard supply control unit, near driver side A-pillar
- K Dash panel insert
- T6ar 6-pin connector
- T6as 6-pin connector
- T6be 6-pin connector
- T8f 8-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T32 32-pin connector
- T73a 73-pin connector
- VX21 Driver door lock unit
- VX22 Front passenger door lock unit
- VX23 Rear left door lock unit
- VX24 Rear right door lock unit

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- 372 Earth connection 7, in main wiring harness
- * Only models with no central locking
- *2 Only models with double cab

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Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Ambient temperature sensor, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp

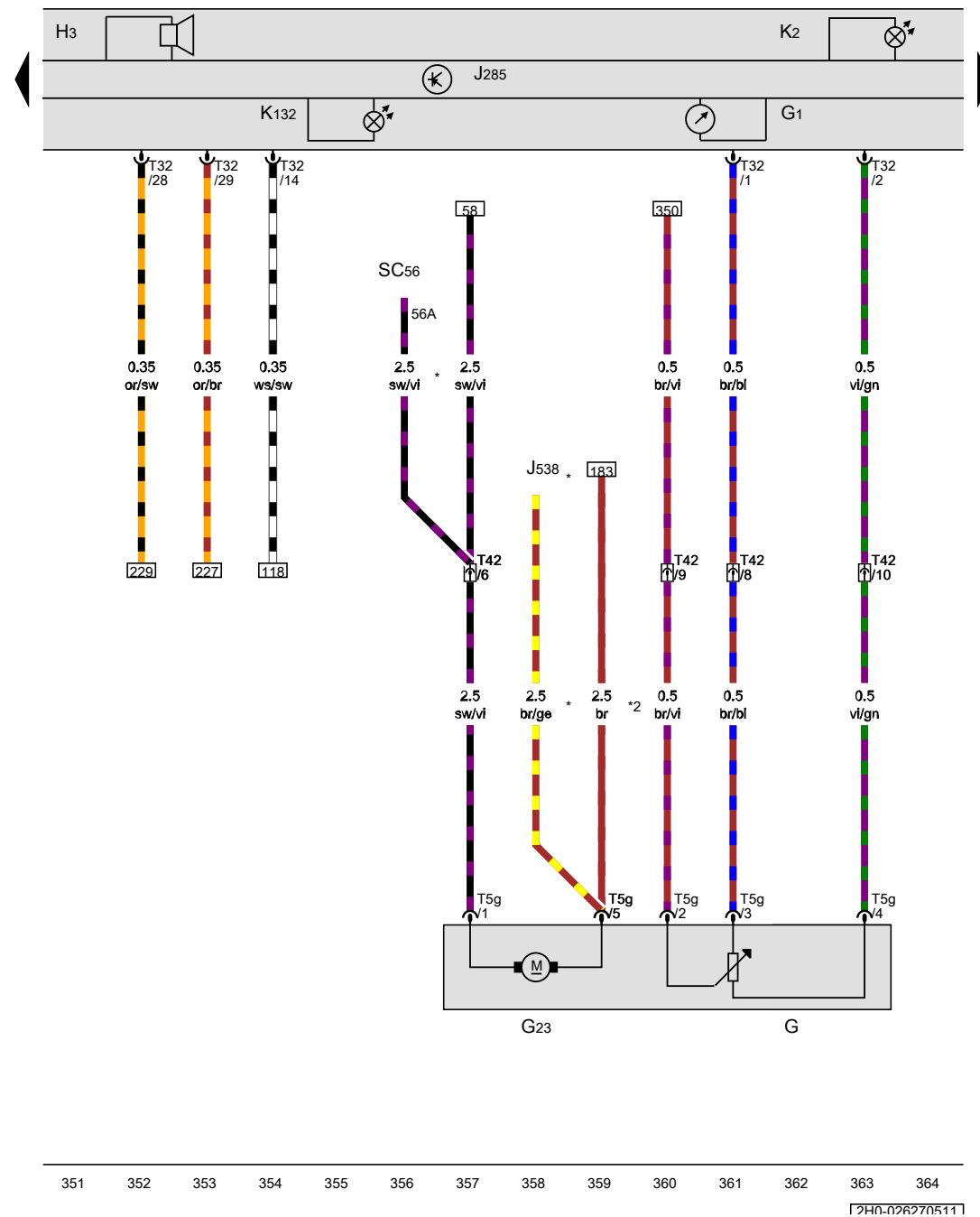
- E24 Driver side belt switch
- F34 Brake fluid level warning contact
- G2 Coolant temperature display sender
- G17 Ambient temperature sensor
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K33 Brake fluid level warning lamp
- K105 Reserve fuel warning lamp
- T6u 6-pin connector
- T32 32-pin connector

374 Earth connection 9, in main wiring harness

* Only models with multifunction display

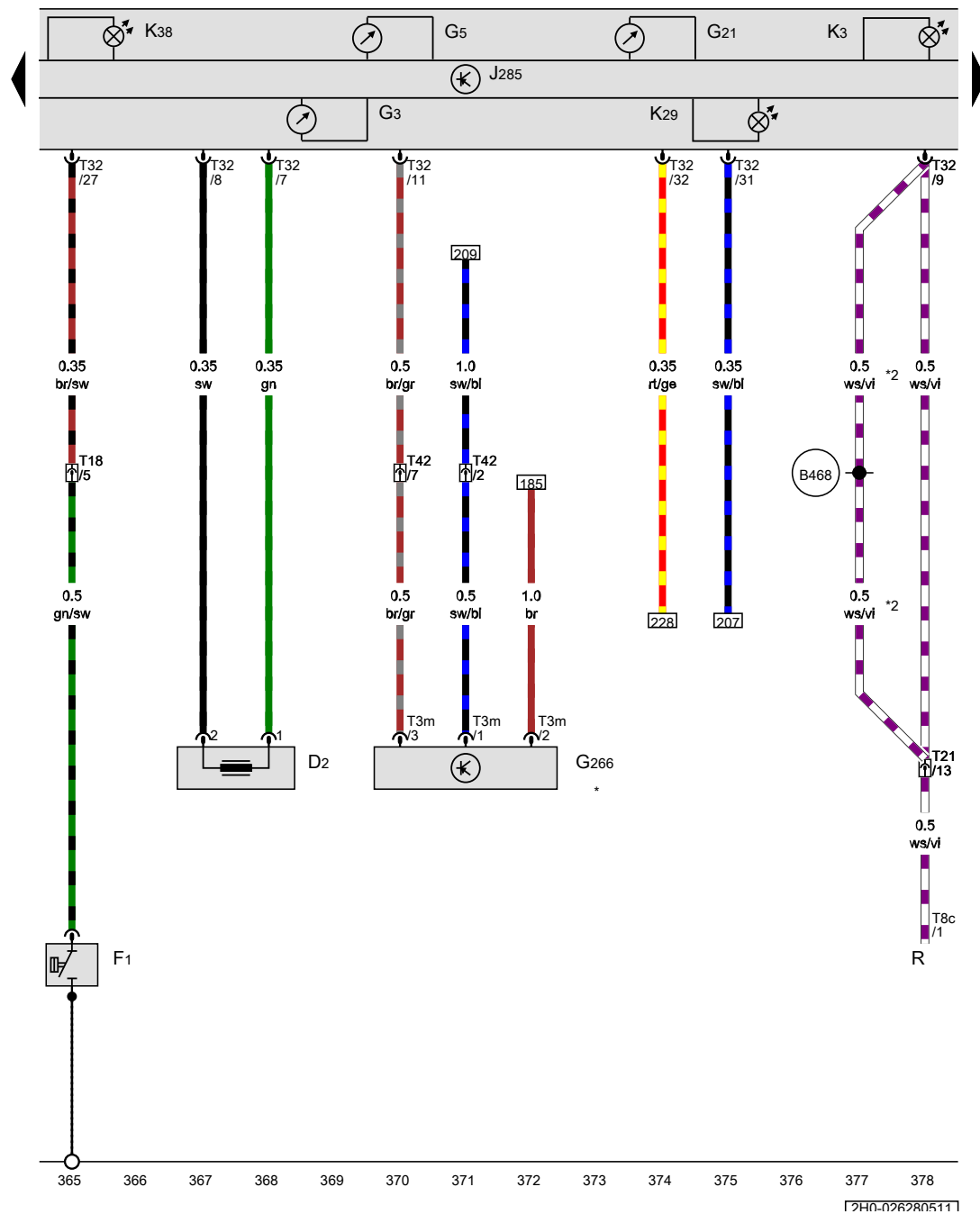
*2 Only models with no airbag

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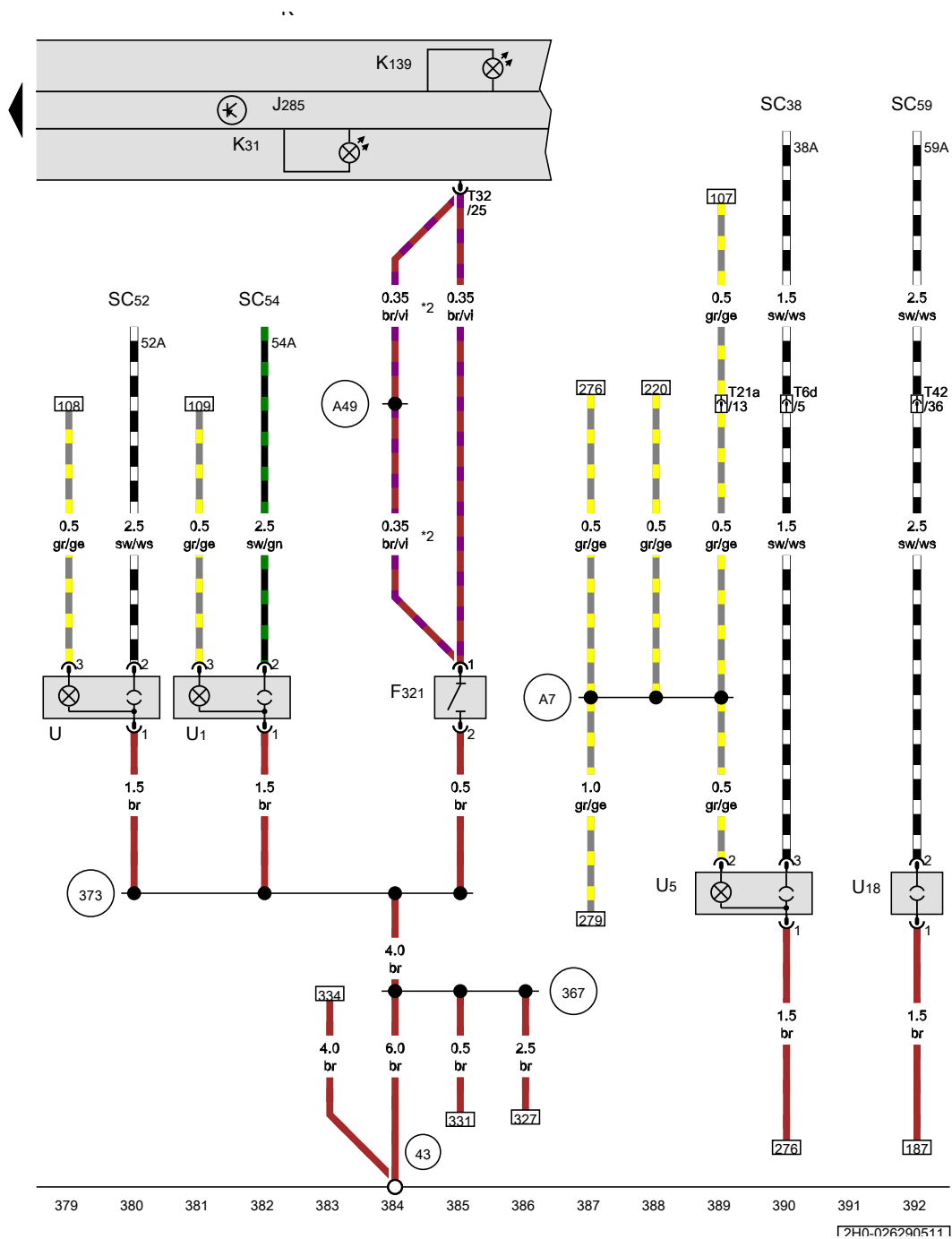
Fuel pump, Fuel pump control unit, Dash panel insert

- G Fuel gauge sender
- G1 Fuel gauge
- G23 Fuel pump
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K132 Electronic power control fault lamp
- SC56 Fuse 56 on fuse holder C
- T5g 5-pin connector
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever
- * Only models with petrol engine
- *2 Only models with diesel engines



Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Radio

- D2 Immobiliser reader coil, in ignition/starter switch
- F1 Oil pressure switch
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K29 Glow period warning lamp
- K38 Oil level warning lamp
- R Radio
- T3m 3-pin connector
- T8c 8-pin connector
- T18 18-pin connector, near engine control unit
- T21 21-pin connector, on relay carrier
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever
- B468 Connection 4, in main wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with no electric interface



Parking brake contact switch, Dash panel insert, Handbrake warning lamp, Fuse 38 on fuse holder C, Fuse 52 on fuse holder C, Fuse 54 on fuse holder C, Electric socket, Cigarette lighter, 12 V socket, 12 V socket 2

- F321: Parking brake contact switch
- J285: Control unit in dash panel insert
- K: Dash panel insert
- K31: Cruise control system warning lamp
- K139: Handbrake warning lamp
- SC38: Fuse 38 on fuse holder C
- SC52: Fuse 52 on fuse holder C
- SC54: Fuse 54 on fuse holder C
- SC59: Fuse 59 on fuse holder C
- T6d: 6-pin connector, on relay carrier
- T21a: 21-pin connector, on relay carrier
- T32: 32-pin connector
- T42: 42-pin connector, near handbrake lever
- U: Electric socket
- U1: Cigarette lighter
- U5: 12 V socket
- U18: 12 V socket 2

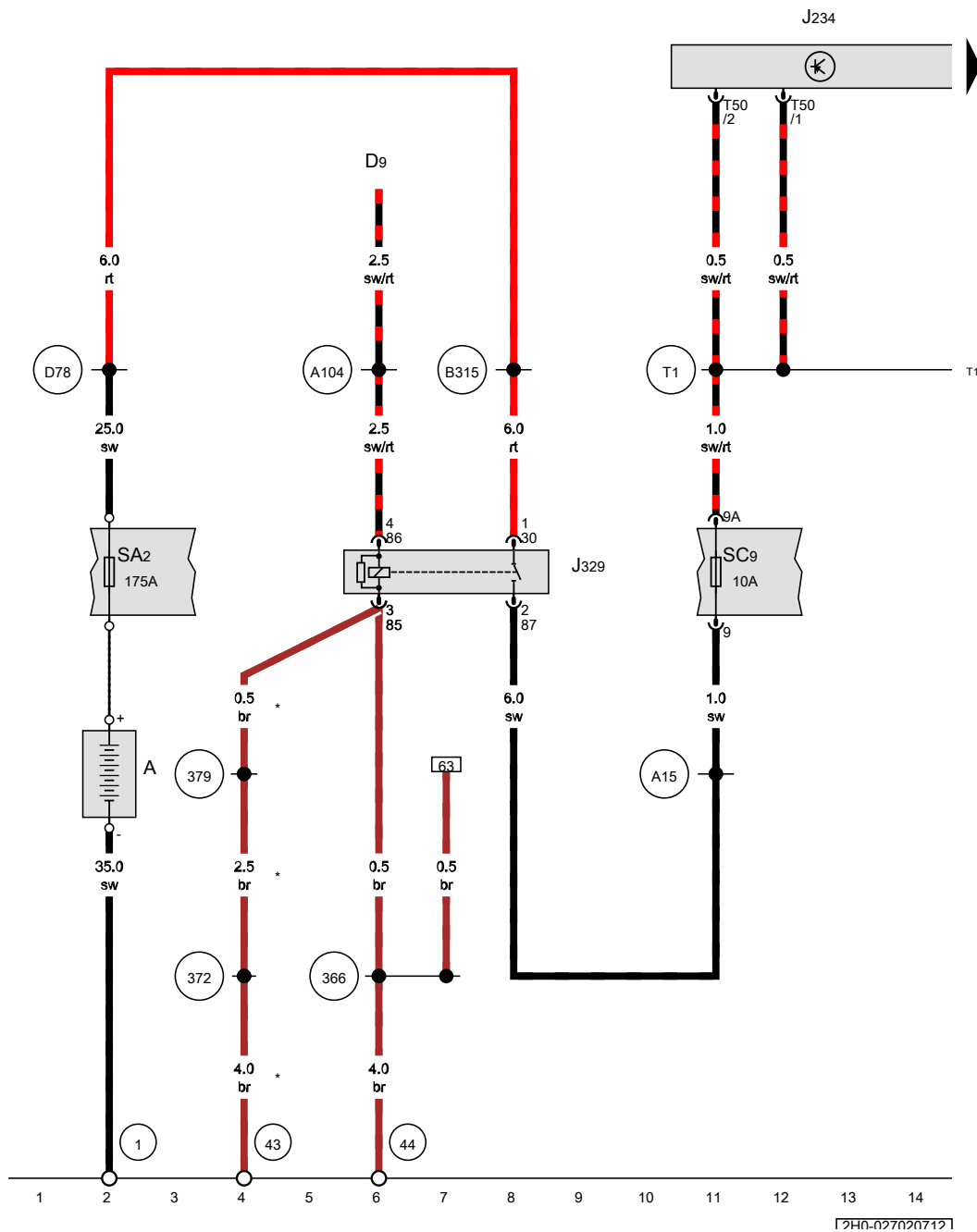
- 43: Earth point, lower part of right A-pillar
- 367: Earth connection 2, in main wiring harness
- 373: Earth connection 8, in main wiring harness
- A7: Positive connection (58 D1), in dash panel wiring harness
- A49: Connection 1, in dash panel wiring harness

- *: Special equipment
- *2: Only models with no electric interface

Airbag systems , (L0R)

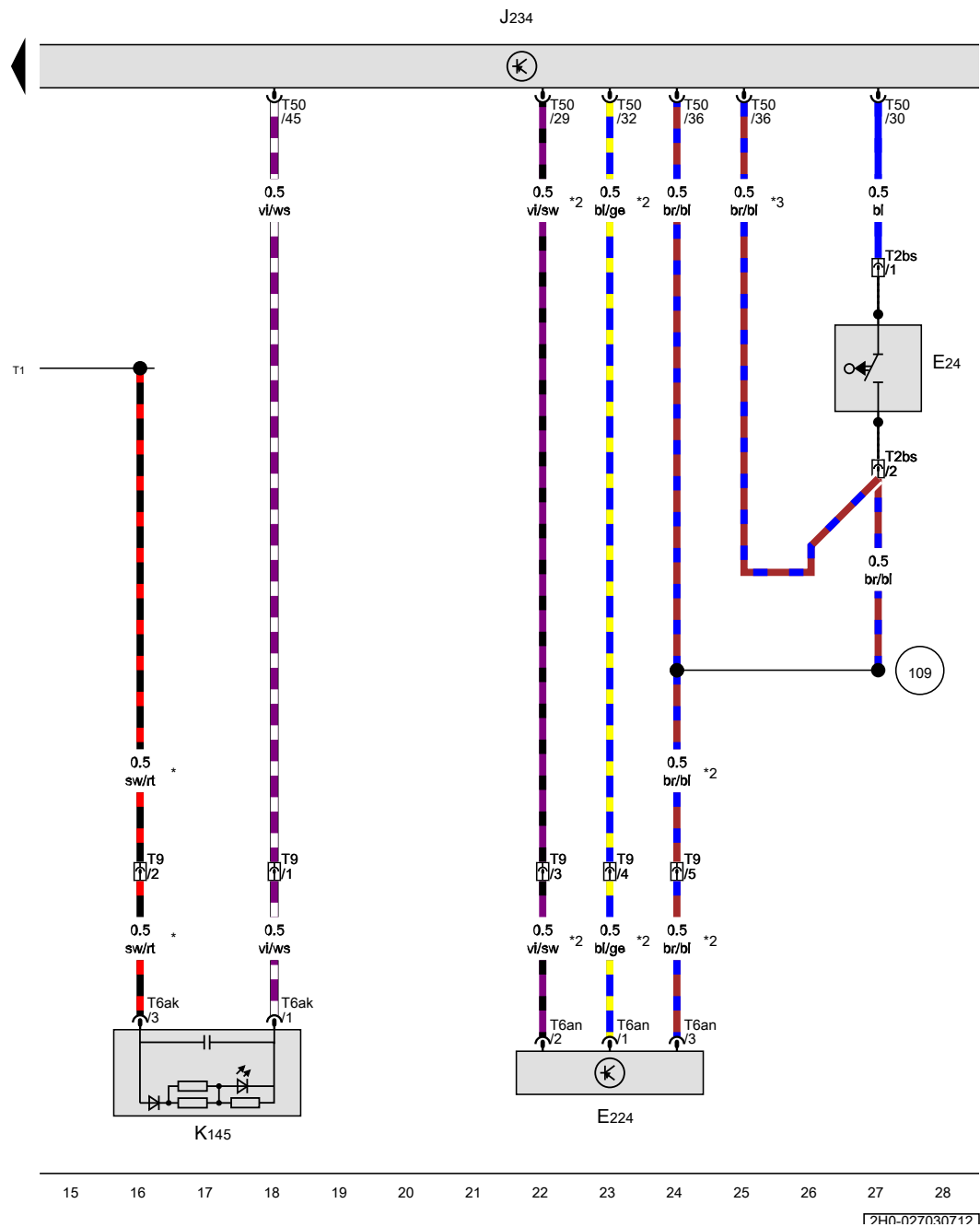
From December 2009

Battery, Electronic ignition lock, Airbag control unit, Fuse 2 in fuse holder A, Fuse 9 on fuse holder C



- A Battery
- D9 Electronic ignition lock
- J234 Airbag control unit, in front centre console
- J329 Terminal 15 voltage supply relay
- SA2 Fuse 2 in fuse holder A
- SC9 Fuse 9 on fuse holder C
- T50 50-pin connector
- 1 Earth strap, battery - body
- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- T1 Positive connection 1, in airbag wiring harness
- * From November 2011

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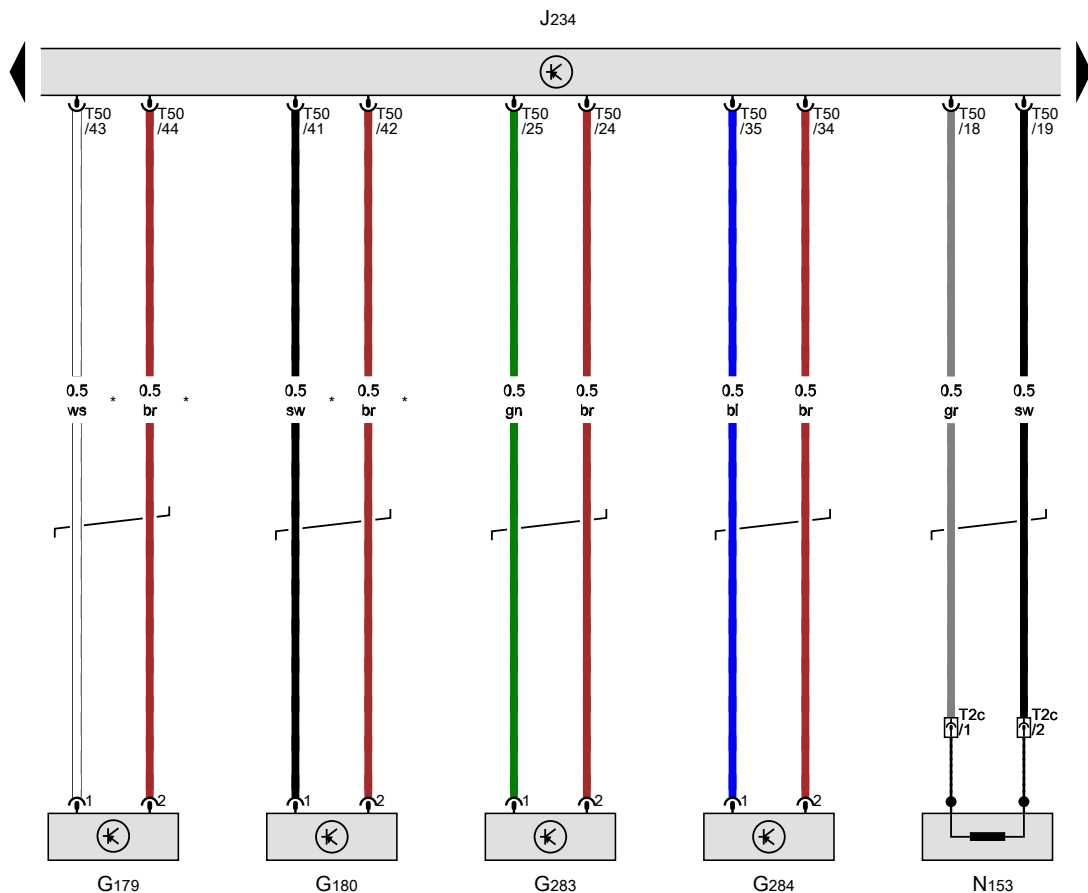
Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

- E24 Driver side belt switch
- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit, in front centre console
- K145 Front passenger side airbag deactivated warning lamp, near radio
- T2bs 2-pin connector, under driver seat, black
- T6ak 6-pin connector, white
- T6an 6-pin connector, black
- T9 9-pin connector, on relay carrier, yellow
- T50 50-pin connector

- 109 Earth connection, in airbag wiring harness
- T1 Positive connection 1, in airbag wiring harness

- * Only models with key operated switch to deactivate front passenger airbag
- *2 Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
- *3 Only models with no side airbag, no front passenger airbag and no key operated switch

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- bl = blue
- gr = grey
- li = purple
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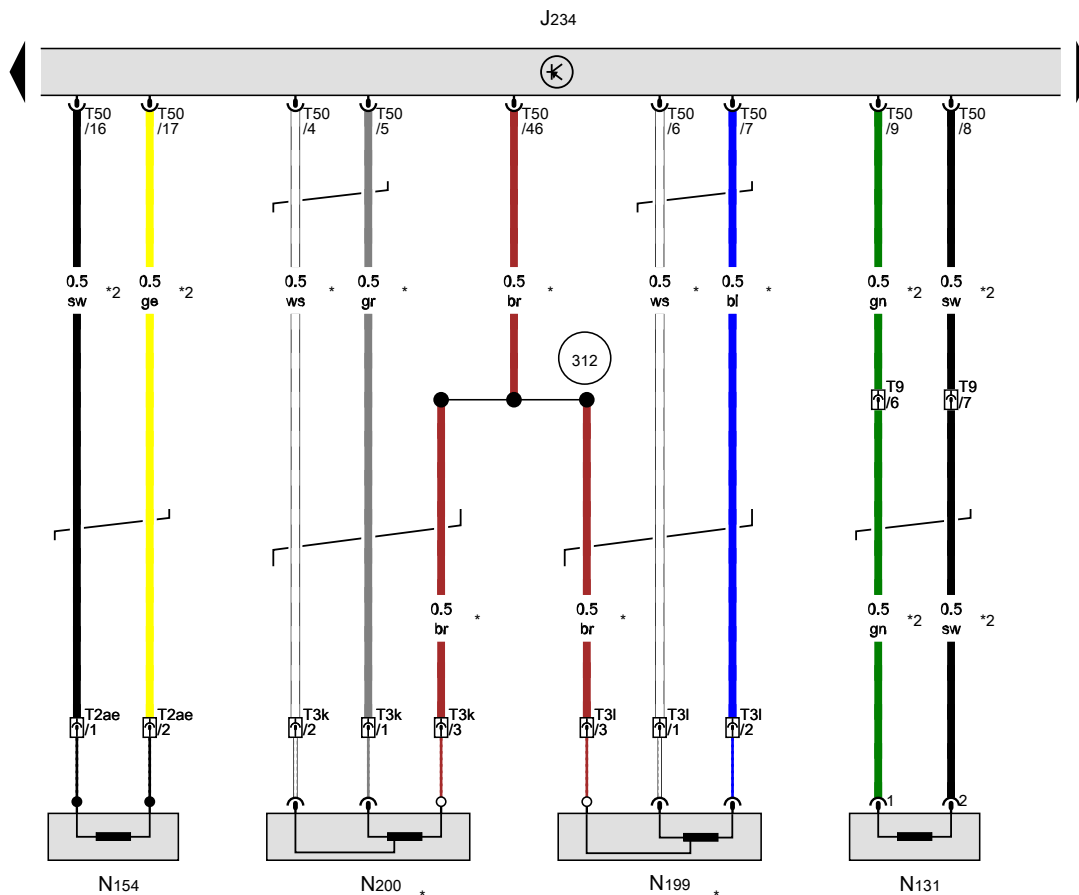
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

- G179 Side airbag crash sensor on driver side, lower part of B-pillar, driver side
- G180 Side airbag crash sensor on front passenger side, lower part of B-pillar, front passenger side
- G283 Front airbag crash sensor for driver side, behind right headlight
- G284 Front airbag crash sensor for front passenger side, behind left headlight
- J234 Airbag control unit, in front centre console
- N153 Driver seat belt tensioner igniter 1
- T2c 2-pin connector, lower part of B-pillar, driver side, yellow
- T50 50-pin connector
- * Only models with front head-thorax airbag

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

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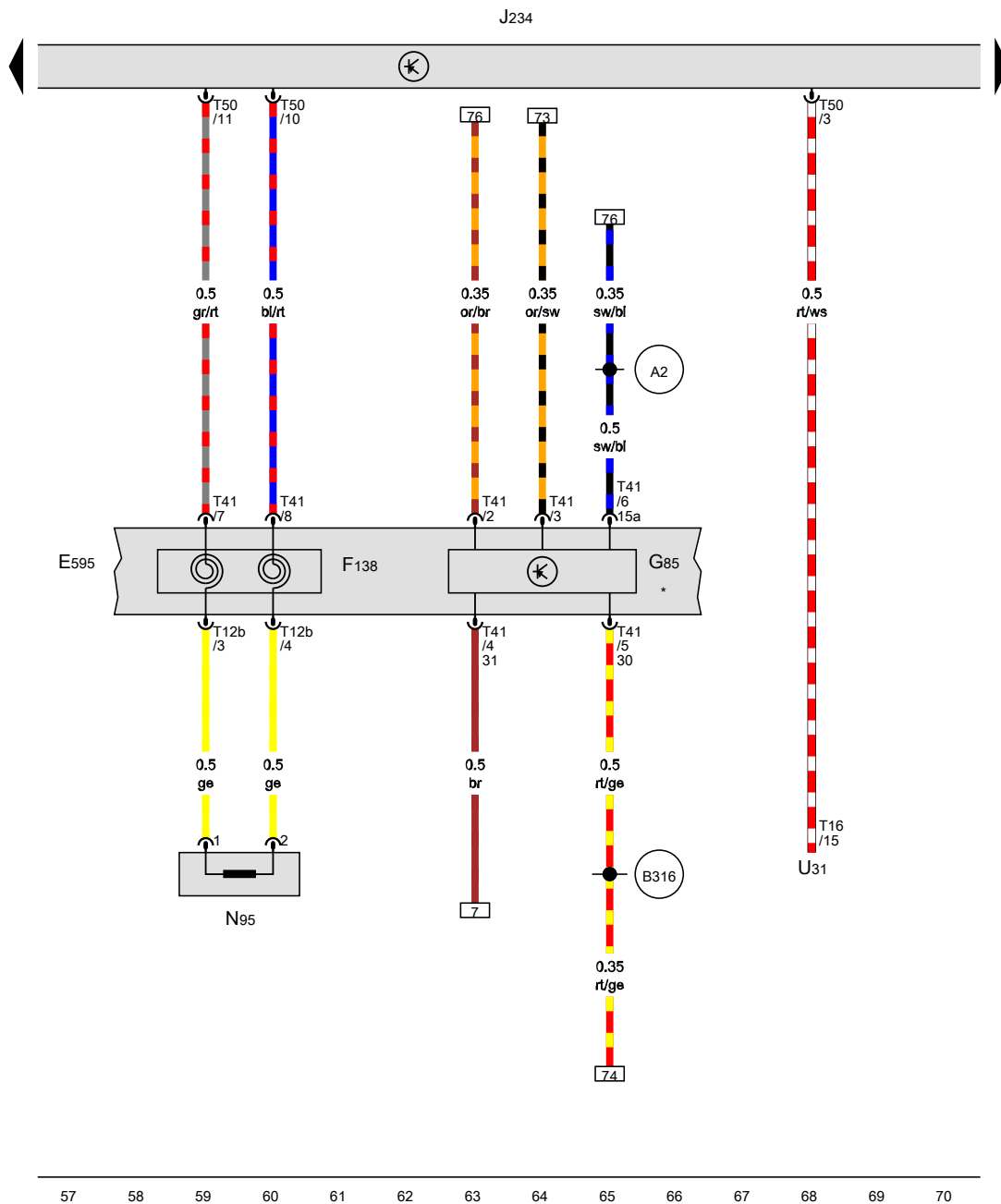
Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- J234 Airbag control unit, in front centre console
- N131 Front passenger side airbag igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2ae 2-pin connector, yellow
- T3k 3-pin connector, yellow
- T3l 3-pin connector, yellow
- T9 9-pin connector, on relay carrier, yellow
- T50 50-pin connector

312 Earth connection 2, in airbag wiring harness

- * Only models with front head-thorax airbag
- *2 Only models with front passenger airbag

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Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- J234 Airbag control unit, in front centre console
- N95 Driver side airbag igniter
- T12b 12-pin connector
- T16 16-pin connector, black
- T41 41-pin connector
- T50 50-pin connector
- U31 Diagnostic connection, near driver side A-pillar

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

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

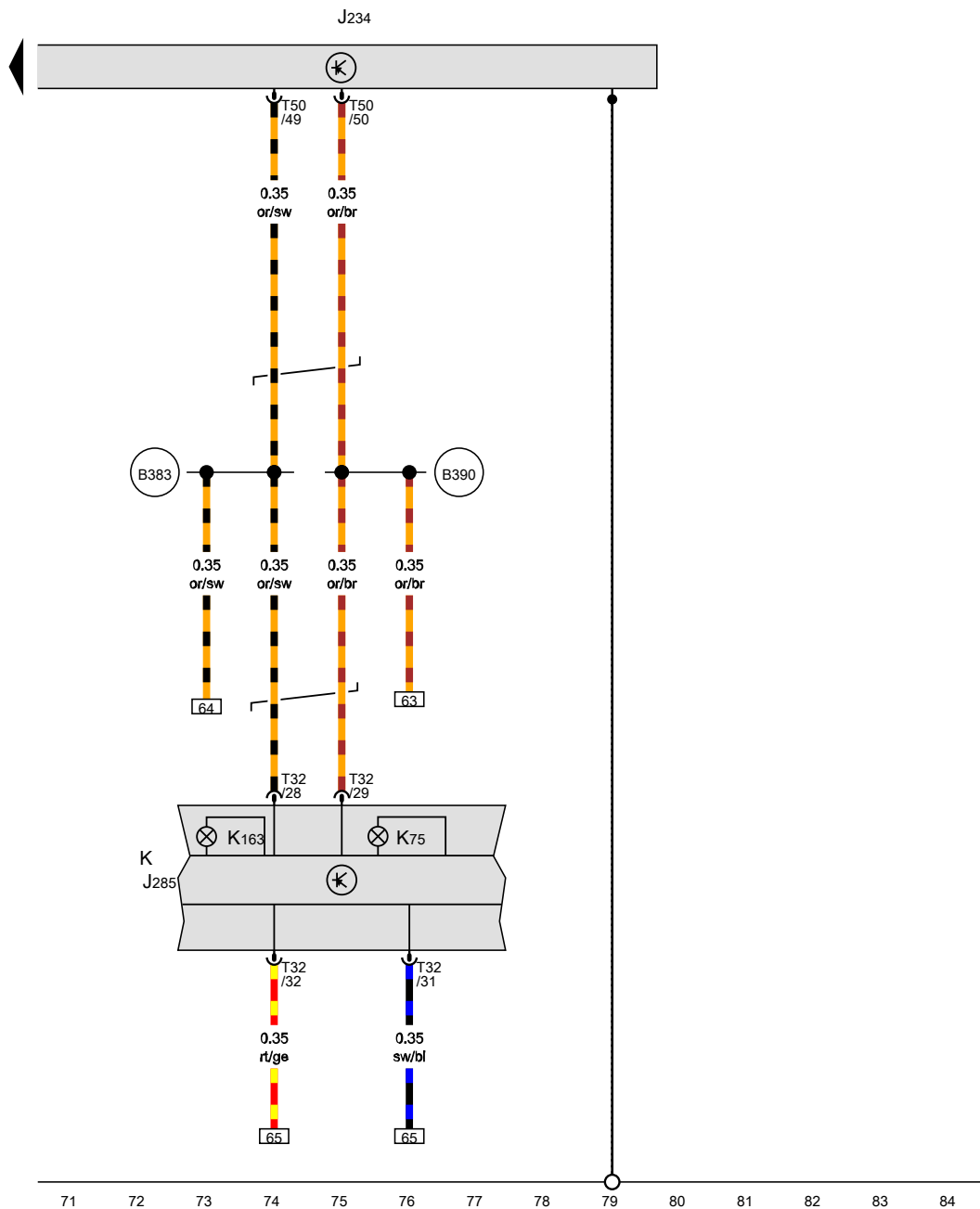
* Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)

Airbag control unit

- J234 Airbag control unit, in front centre console
- J285 Control unit in dash panel insert
- K Dash panel insert
- K75 Airbag warning lamp
- K163 Belt switch warning lamp
- T32 32-pin connector
- T50 50-pin connector

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

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



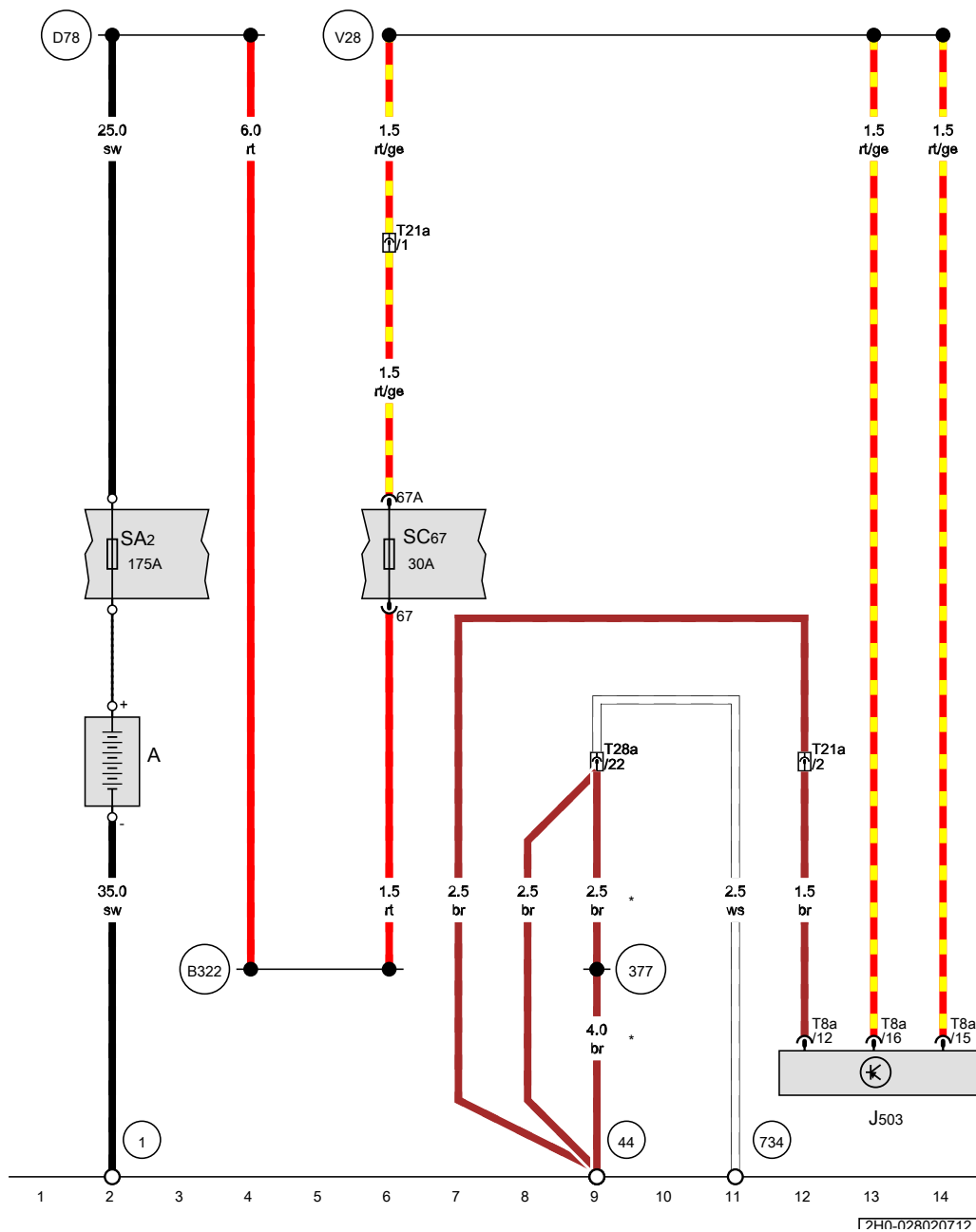
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Radio navigation system , (LOR),(8AY),(7UC),(7UK)

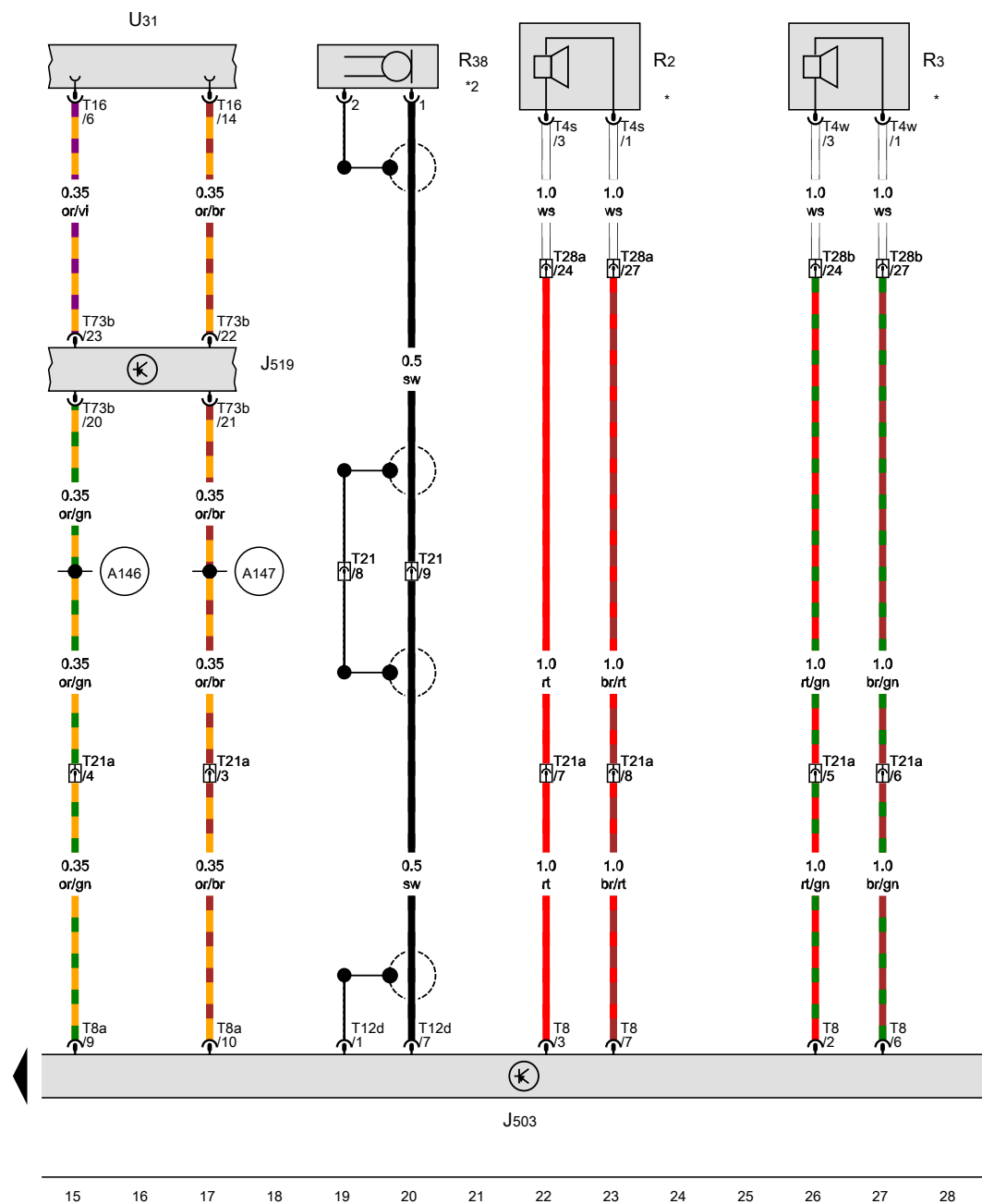
From December 2009

Battery, Control unit with display for radio and navigation,
Fuse 2 in fuse holder A, Fuse 67 on fuse holder C



ws = white
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li = purple
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- A Battery
- J503 Control unit with display for radio and navigation, in intake channel
- SA2 Fuse 2 in fuse holder A
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 377 Earth connection 12, in main wiring harness
- 734 Earth point in front left door
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness
- * From November 2011



Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone, Diagnostic connection

- J503 Control unit with display for radio and navigation, in intake channel
- J519 Onboard supply control unit
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- R38 Telephone microphone
- T4s 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector
- T8a 8-pin connector
- T12d 12-pin connector
- T16 16-pin connector
- T21 21-pin connector, on relay carrier
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73b 73-pin connector
- U31 Diagnostic connection

A146 Connection (convenience CAN bus, high), in dash panel wiring harness

A147 Connection (convenience CAN bus, low), in dash panel wiring harness

* Only models with 2 loudspeakers (8RD)

*2 Only models with mobile telephone/ preparation for mobile telephone

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

Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

J503 Control unit with display for radio and navigation, in intake channel

R4 Rear left loudspeaker

R20 Front left treble loudspeaker

R21 Front left bass loudspeaker

T2m 2-pin connector

T4ad 4-pin connector

T4s 4-pin connector

T8 8-pin connector

T21a 21-pin connector, on relay carrier, brown

T28 28-pin connector, on left B-pillar

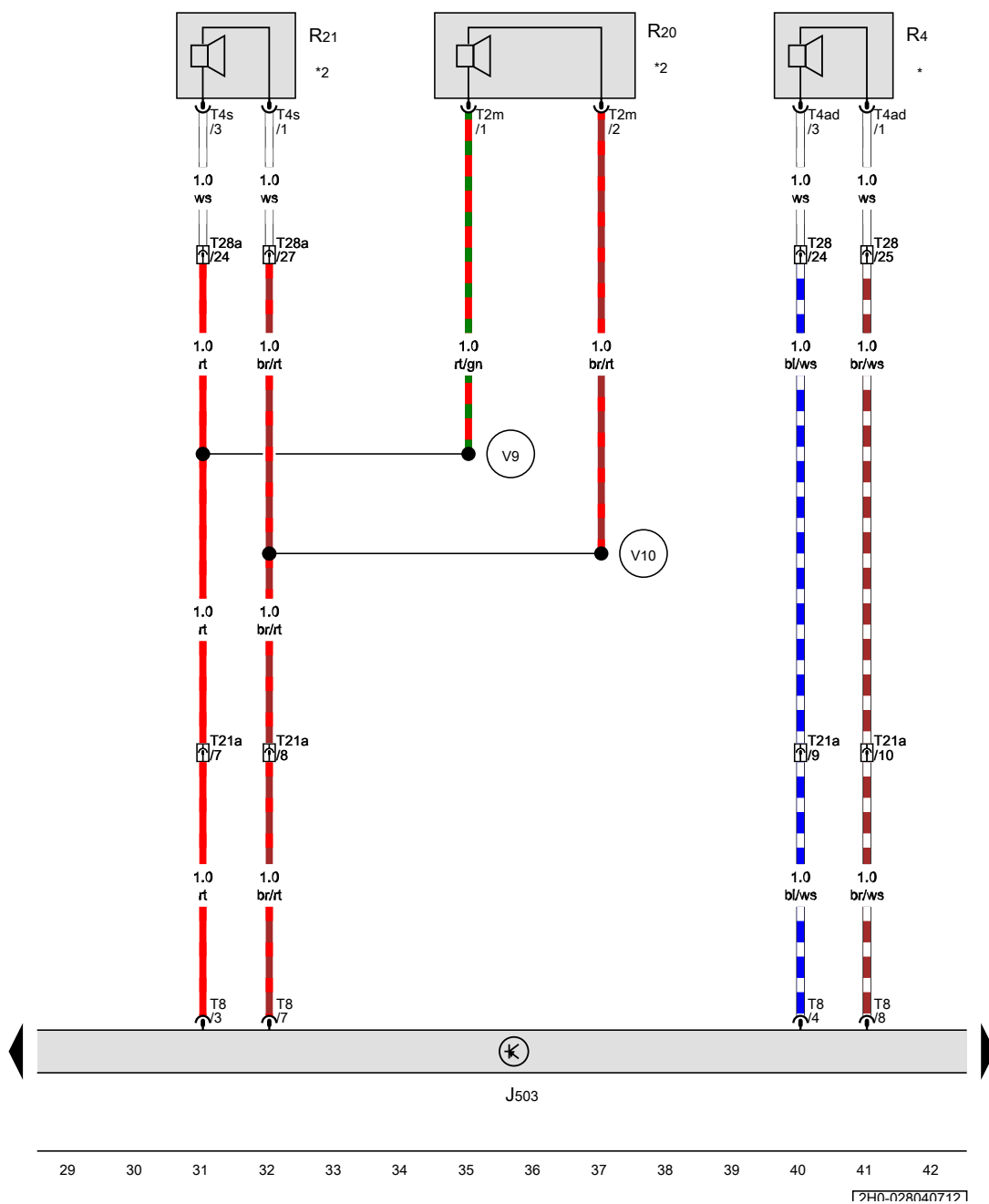
T28a 28-pin connector, on left A-pillar

V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness

V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness

* Only models with equipment (6-passive loudspeakers)

*2 Only models with 4 or 6 loudspeakers



Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503 Control unit with display for radio and navigation, in intake channel

R5 Rear right loudspeaker

R22 Front right treble loudspeaker

R23 Front right bass loudspeaker

T2m 2-pin connector

T4af 4-pin connector

T4w 4-pin connector

T8 8-pin connector

T21a 21-pin connector, on relay carrier, brown

T28b 28-pin connector, on right A-pillar

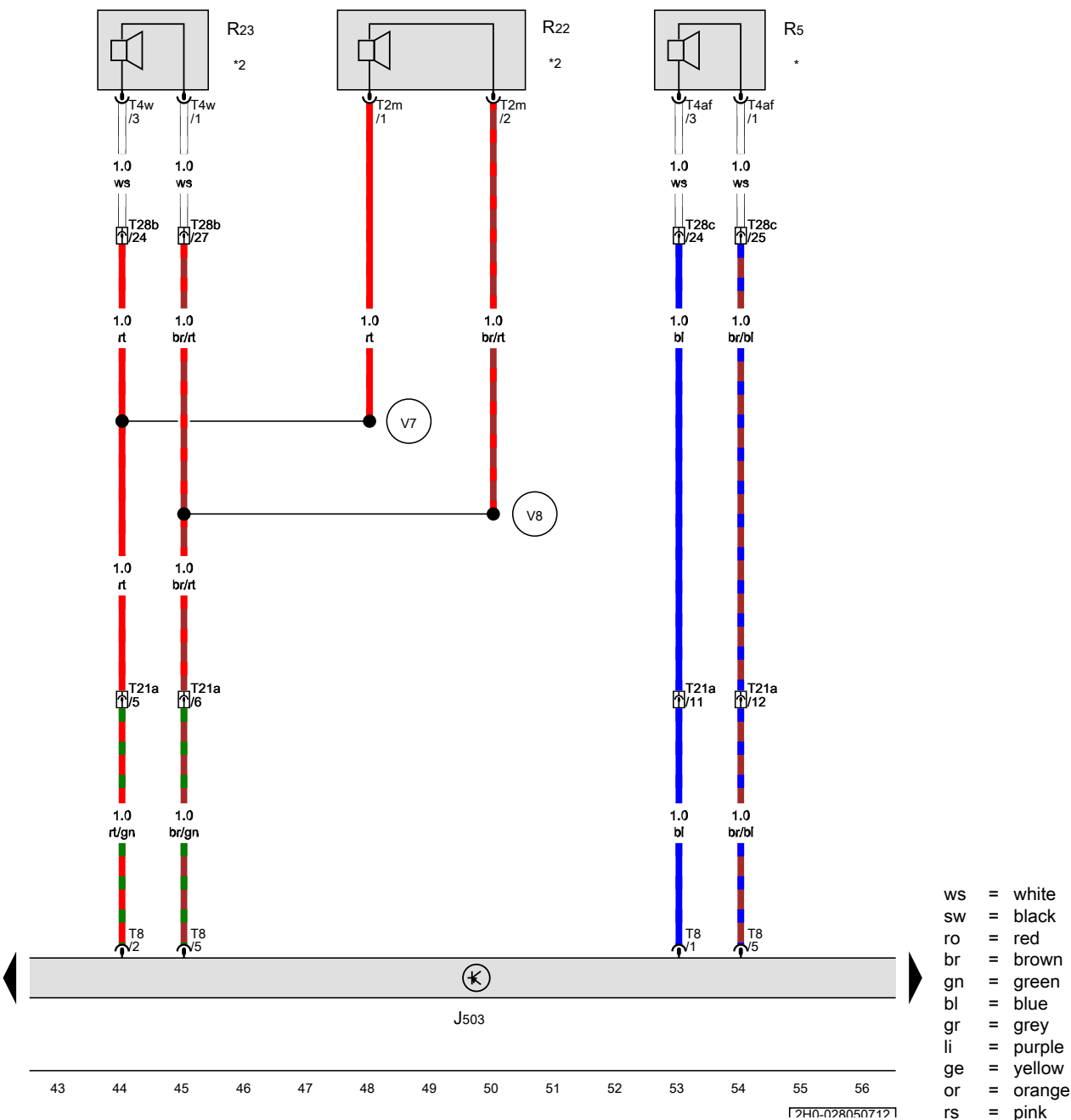
T28c 28-pin connector, on right B-pillar

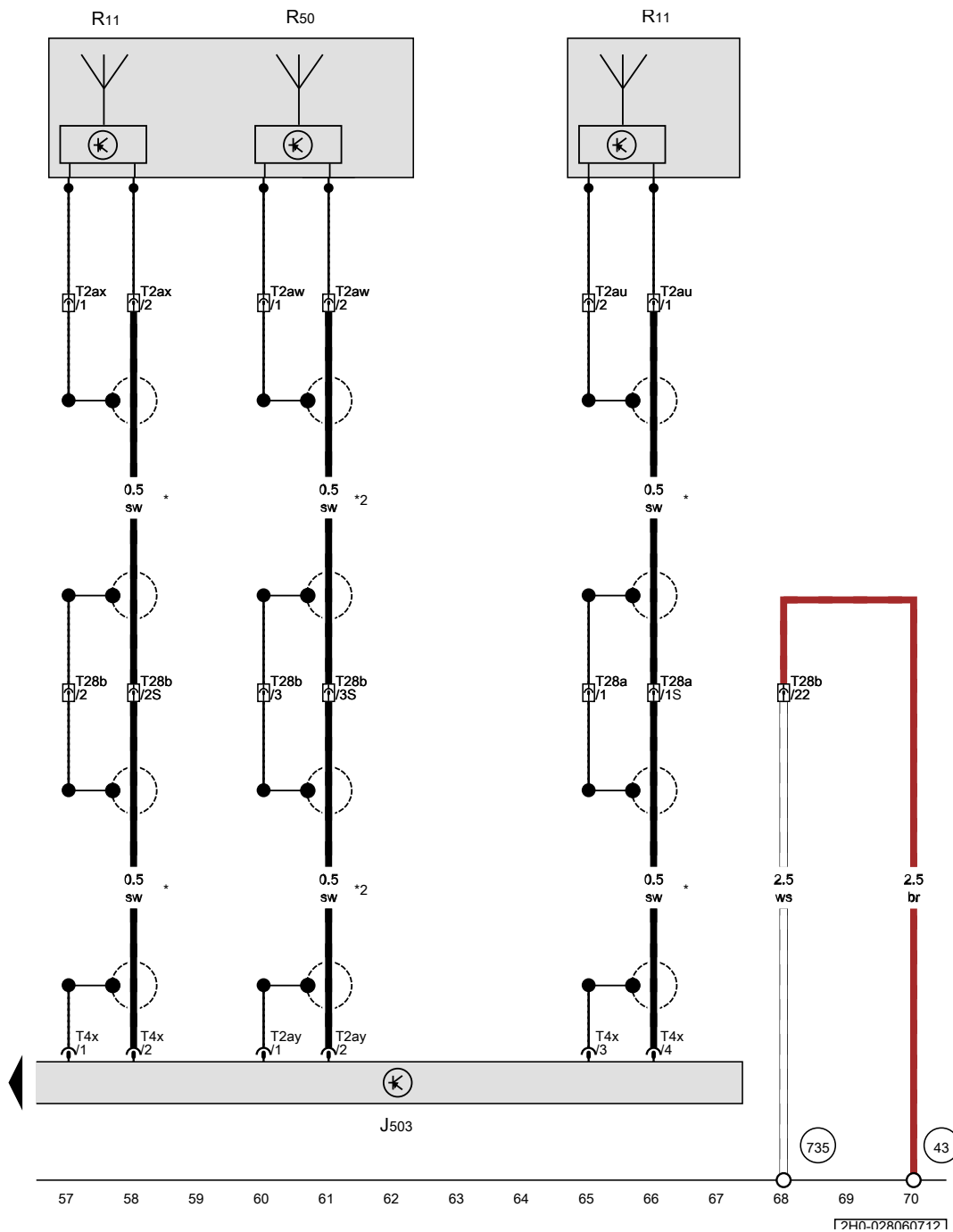
V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness

V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness

* Only models with equipment (6-passive loudspeakers)

*2 Only models with 4 or 6 loudspeakers





Control unit with display for radio and navigation, Aerial, GPS aerial

- J503 Control unit with display for radio and navigation, in intake channel
- R11 Aerial
- R50 GPS aerial
- T2au 2-pin connector, in left door, near exterior mirror
- T2aw 2-pin connector, blue
- T2ax 2-pin connector, in right door, near exterior mirror
- T2ay 2-pin connector
- T4x 4-pin connector
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar

43 Earth point, lower part of right A-pillar

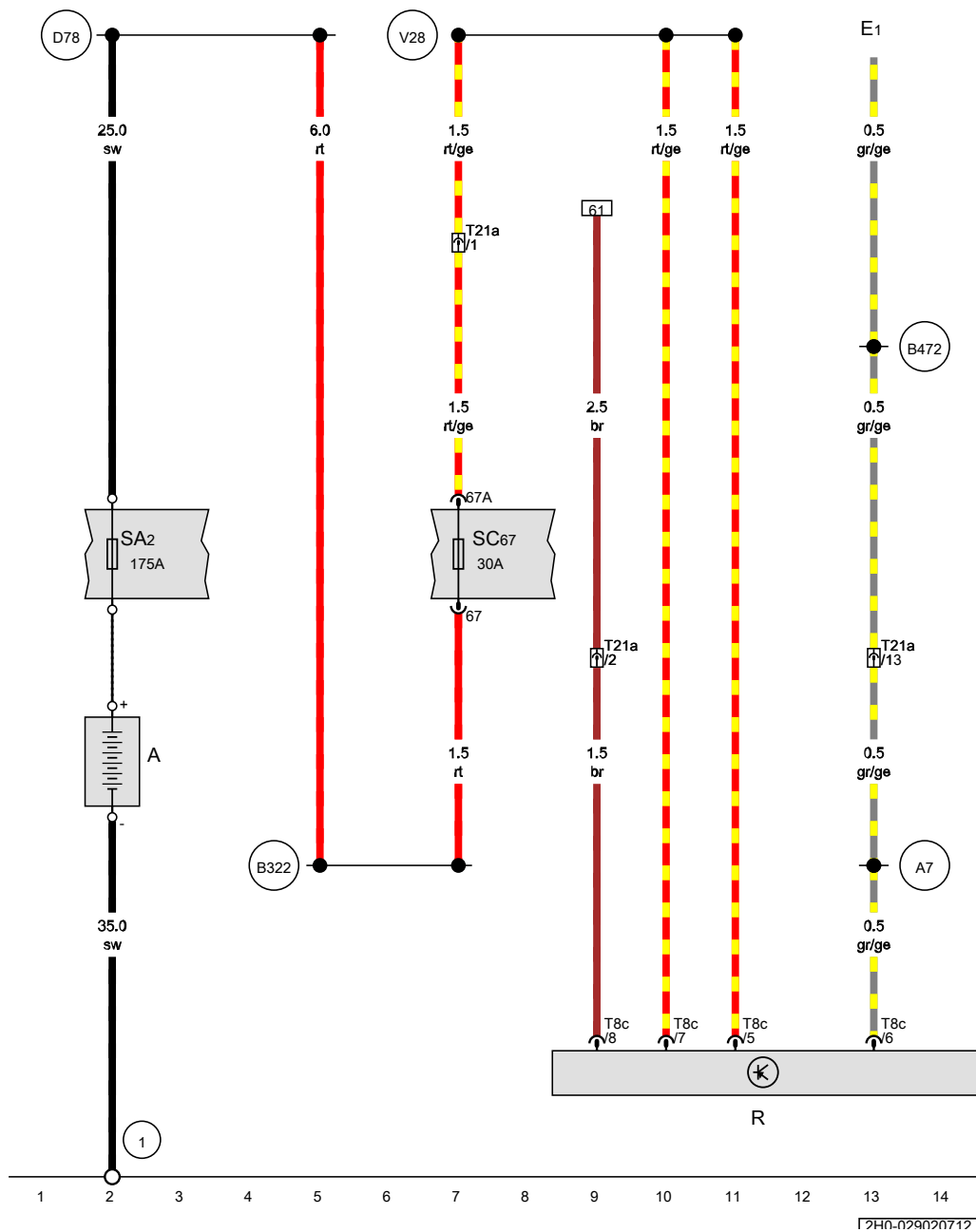
735 Earth point in front right door

- * Aerial connection for radio
- *2 Aerial connection for GPS

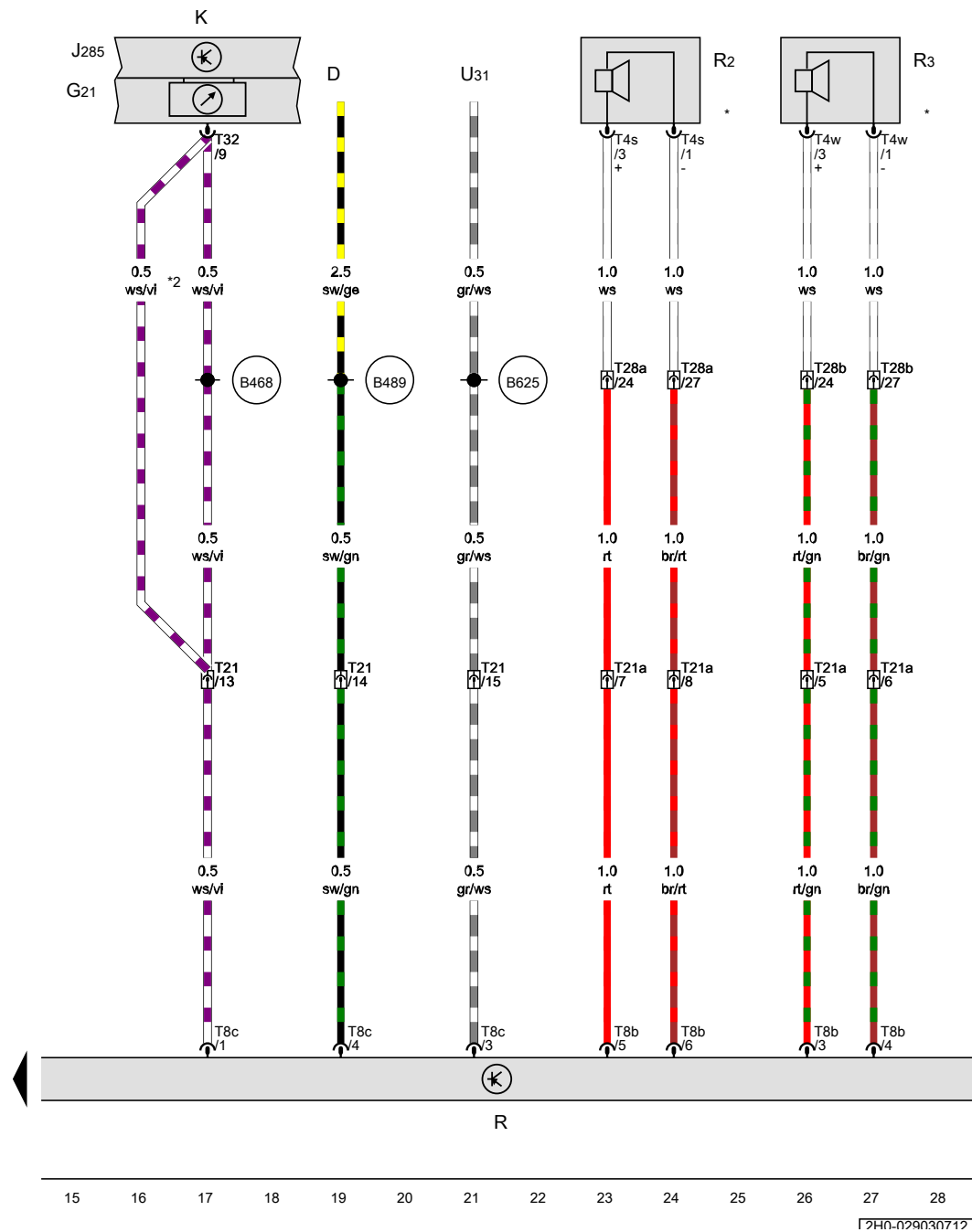
Radio system , (8AN),(8AG),(LOR)

From December 2009

Battery, Light switch, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C



- A Battery
- E1 Light switch
- R Radio
- SA2 Fuse 2 in fuse holder A
- SC67 Fuse 67 on fuse holder C
- T8c 8-pin connector
- T21a 21-pin connector, on relay carrier
- 1 Earth strap, battery - body
- A7 Positive connection (58 D1), in dash panel wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B472 Connection 8, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness



Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

- D Ignition/starter switch
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- R Radio
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- T4s 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector
- T8c 8-pin connector
- T21 21-pin connector, on relay carrier
- T21a 21-pin connector, on relay carrier
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T32 32-pin connector
- U31 Diagnostic connection

B468 Connection 4, in main wiring harness

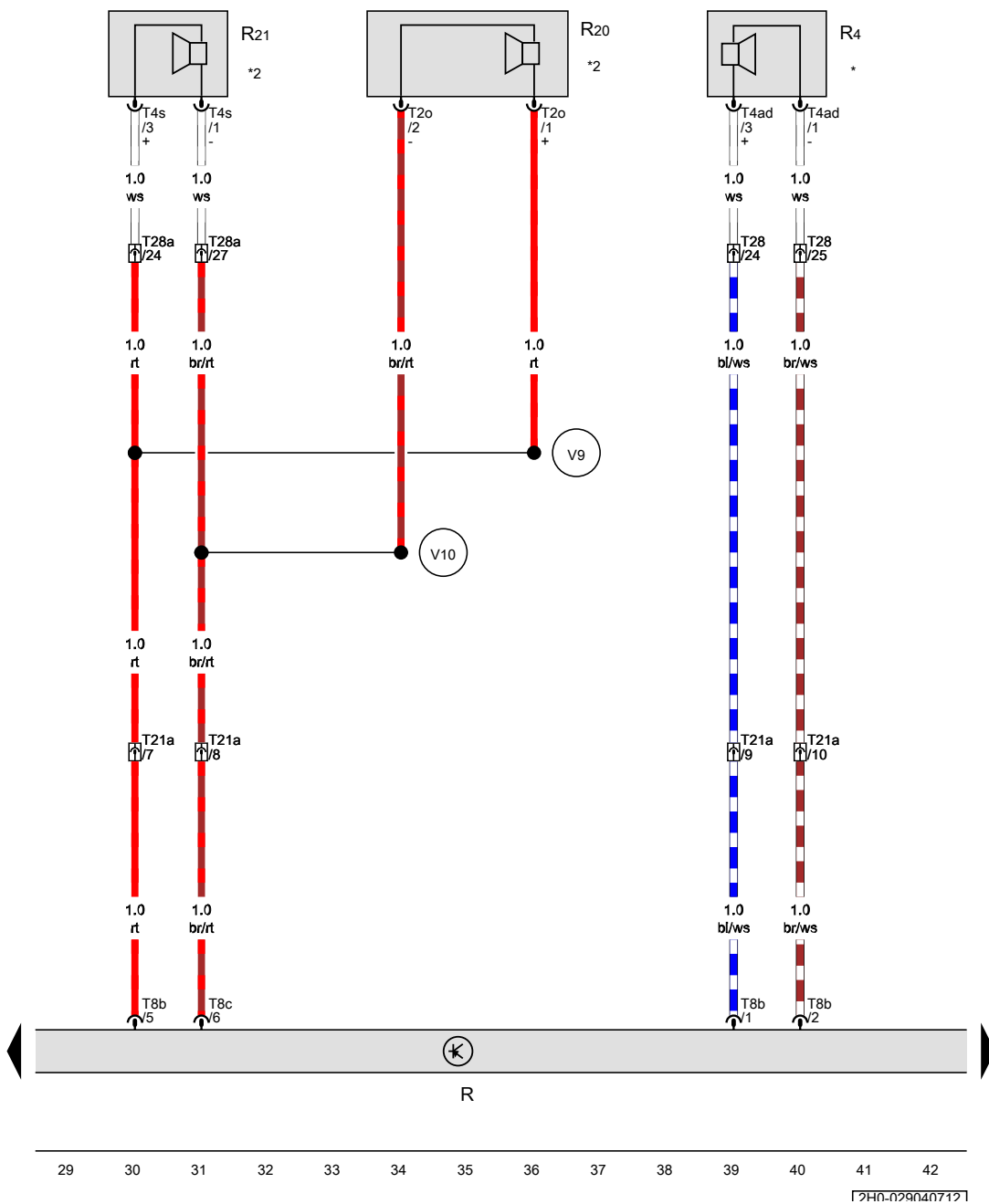
B489 Connection 25, in main wiring harness

B625 Connection (K-diagnosis wire), in main wiring harness

* Only models with 2 loudspeakers (8RD)

*2 Only models with no electric interface

Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

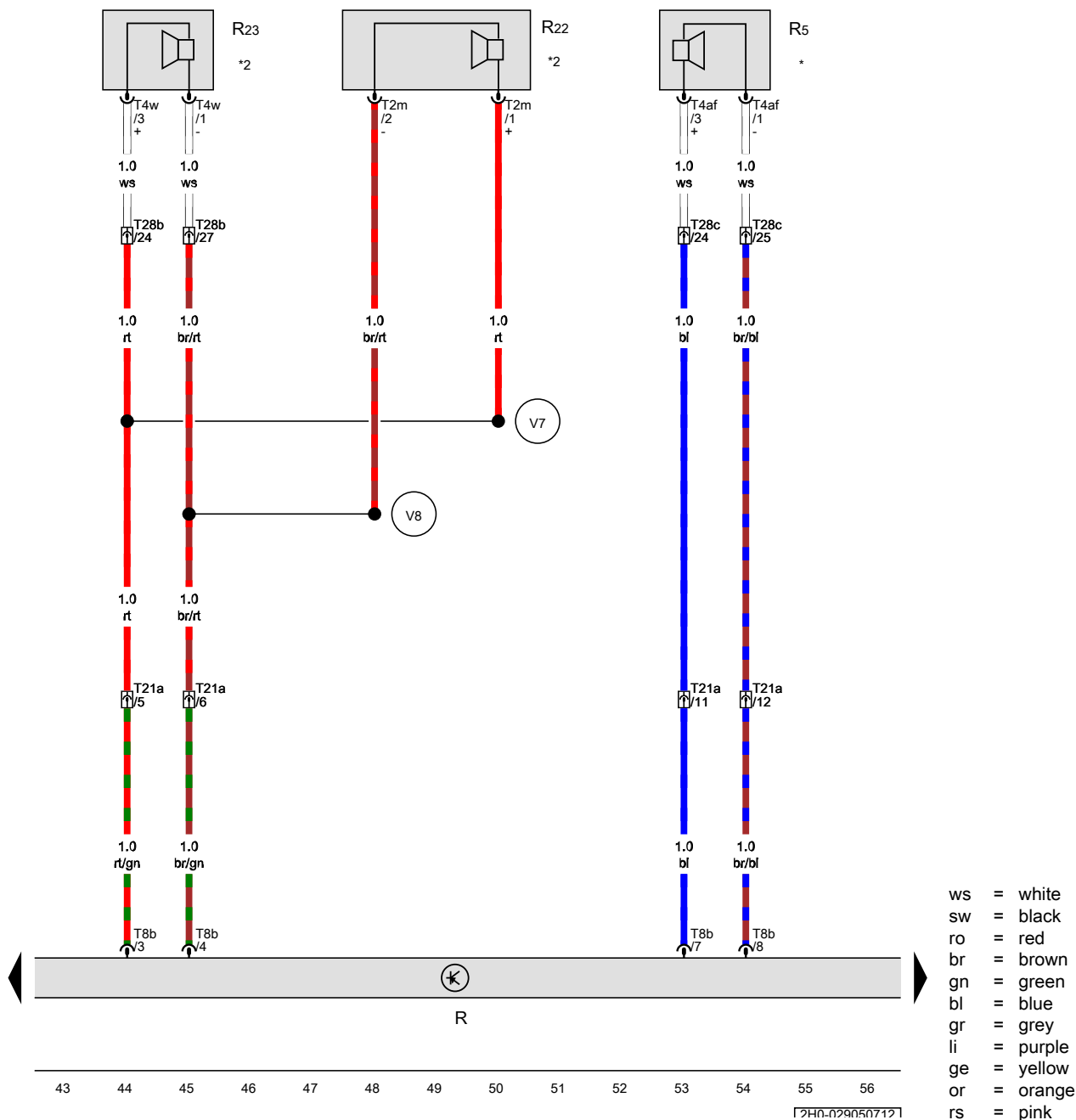


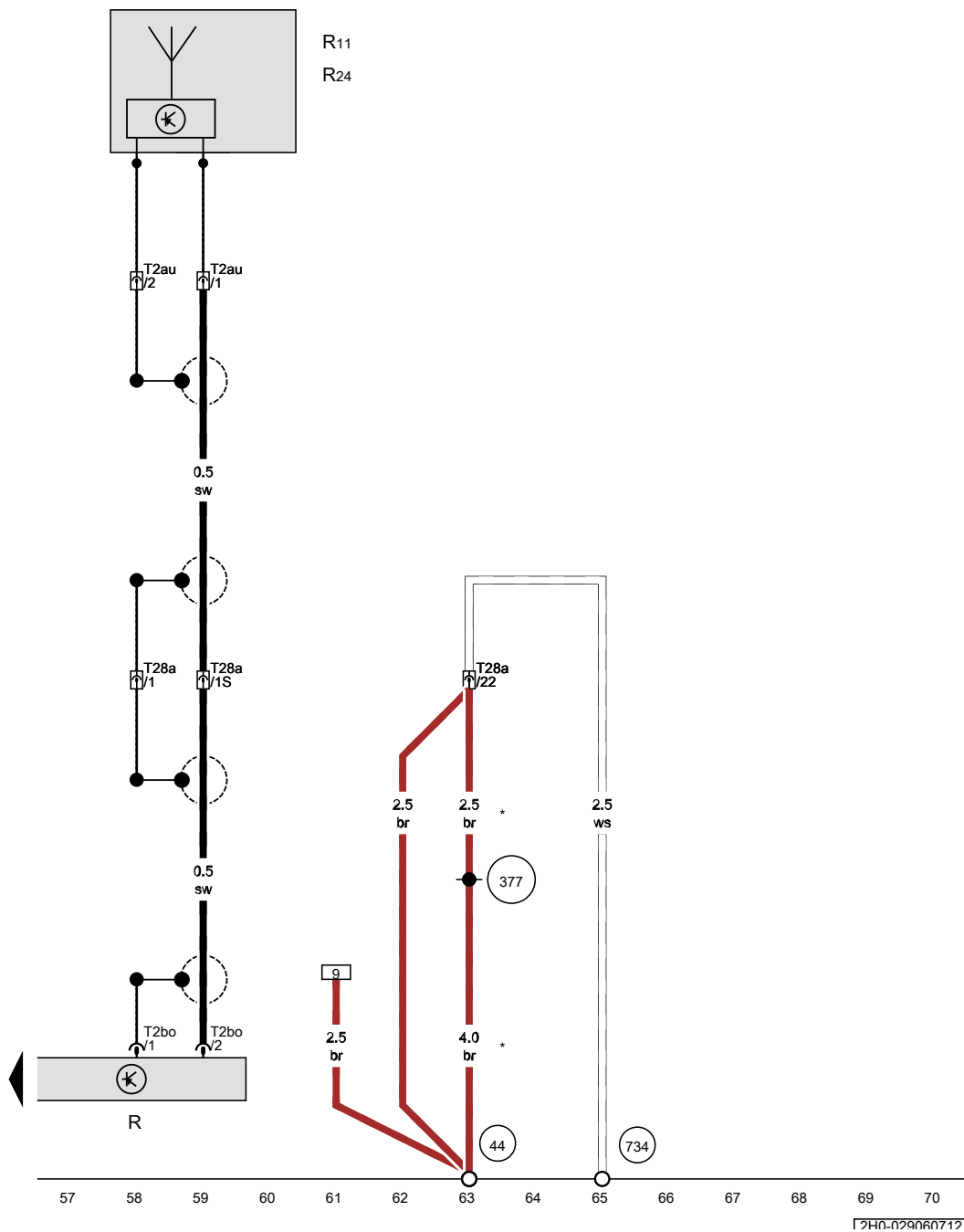
- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2o 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8b 8-pin connector
- T8c 8-pin connector
- T21a 21-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

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

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- R Radio
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2m 2-pin connector
- T4af 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector
- T21a 21-pin connector, on relay carrier
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers





Radio, Aerial

- R Radio
- R11 Aerial
- R24 Aerial amplifier
- T2au 2-pin connector, in left door, near exterior mirror
- T2bo 2-pin connector
- T28a 28-pin connector, on left A-pillar

- 44 Earth point, lower part of left A-pillar
- 377 Earth connection 12, in main wiring harness
- 734 Earth point in front left door

* From November 2011

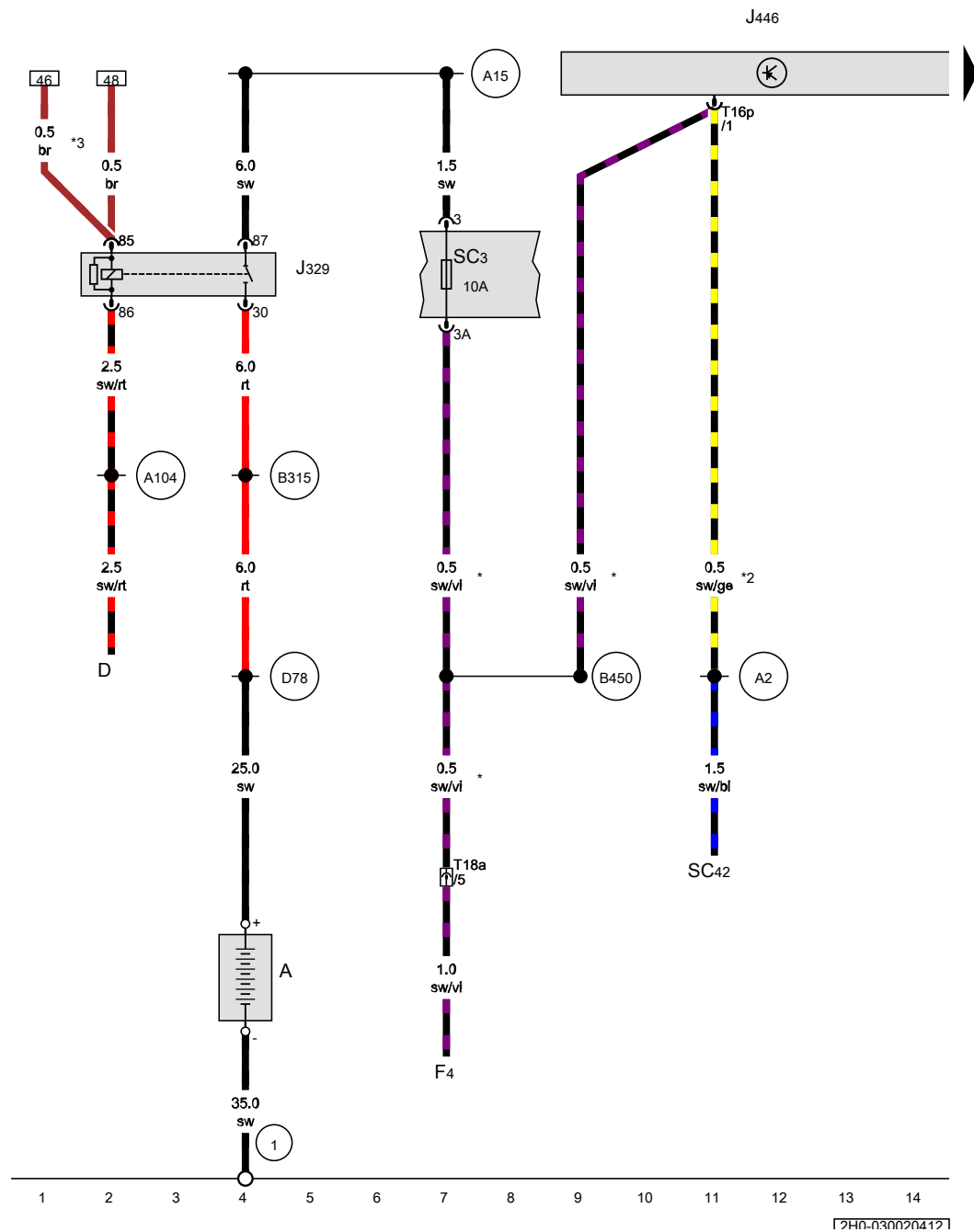
Parking aid (PDC)

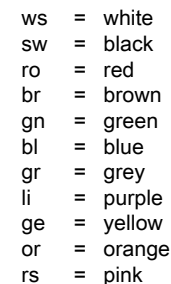
From November 2010

Parking aid control unit

- A Battery
- D Ignition/starter switch
- F4 Reversing light switch
- J329 Terminal 15 voltage supply relay
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- SC3 Fuse 3 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T16p 16-pin connector, brown
- T18a 18-pin connector, near engine control unit, grey

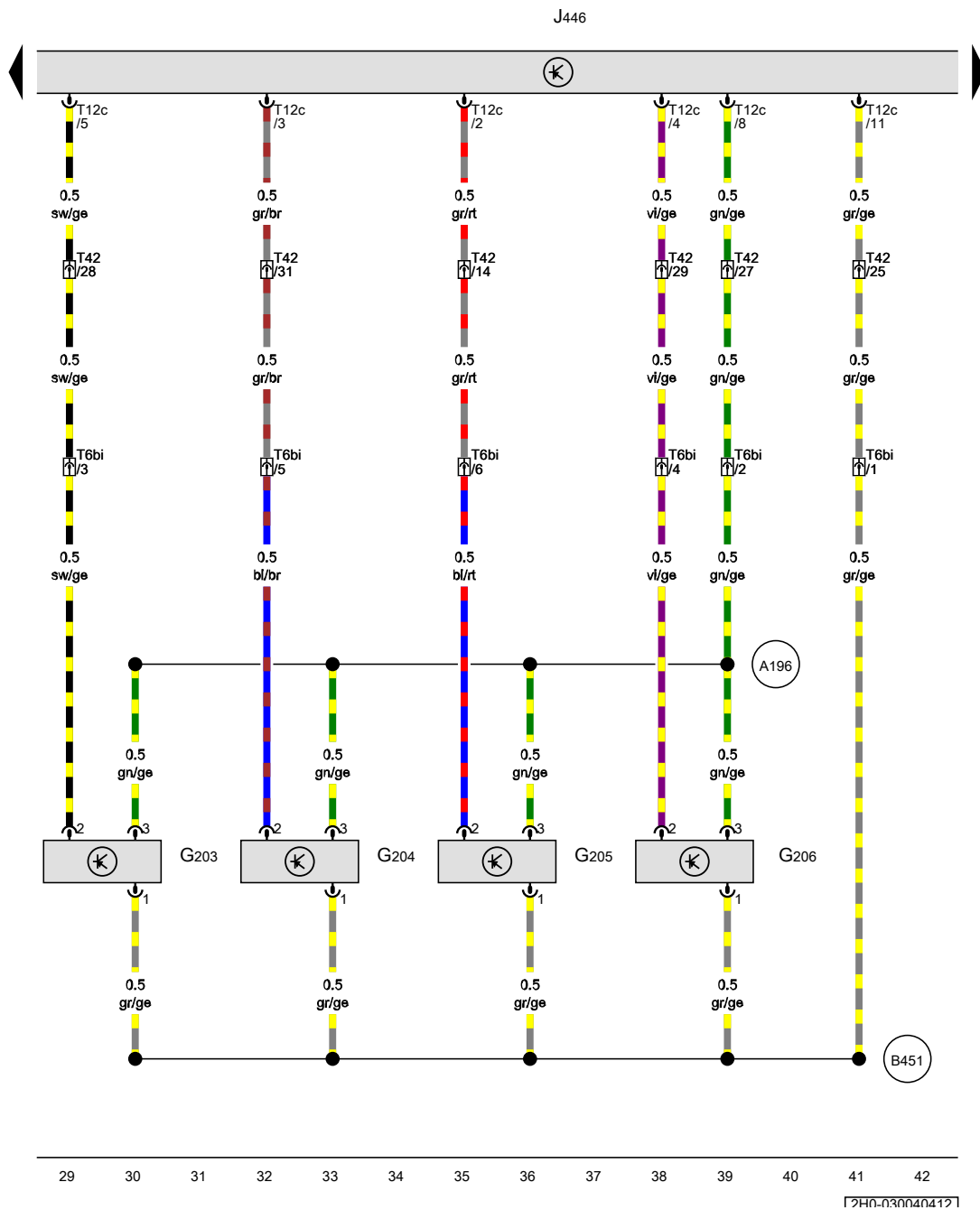
- 1 Earth strap, battery - body
- A2 Positive connection (15), in dash panel wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B450 Connection 1 (PDC), in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with no automatic gearbox
- *2 Only models with automatic gearbox
- *3 From November 2011





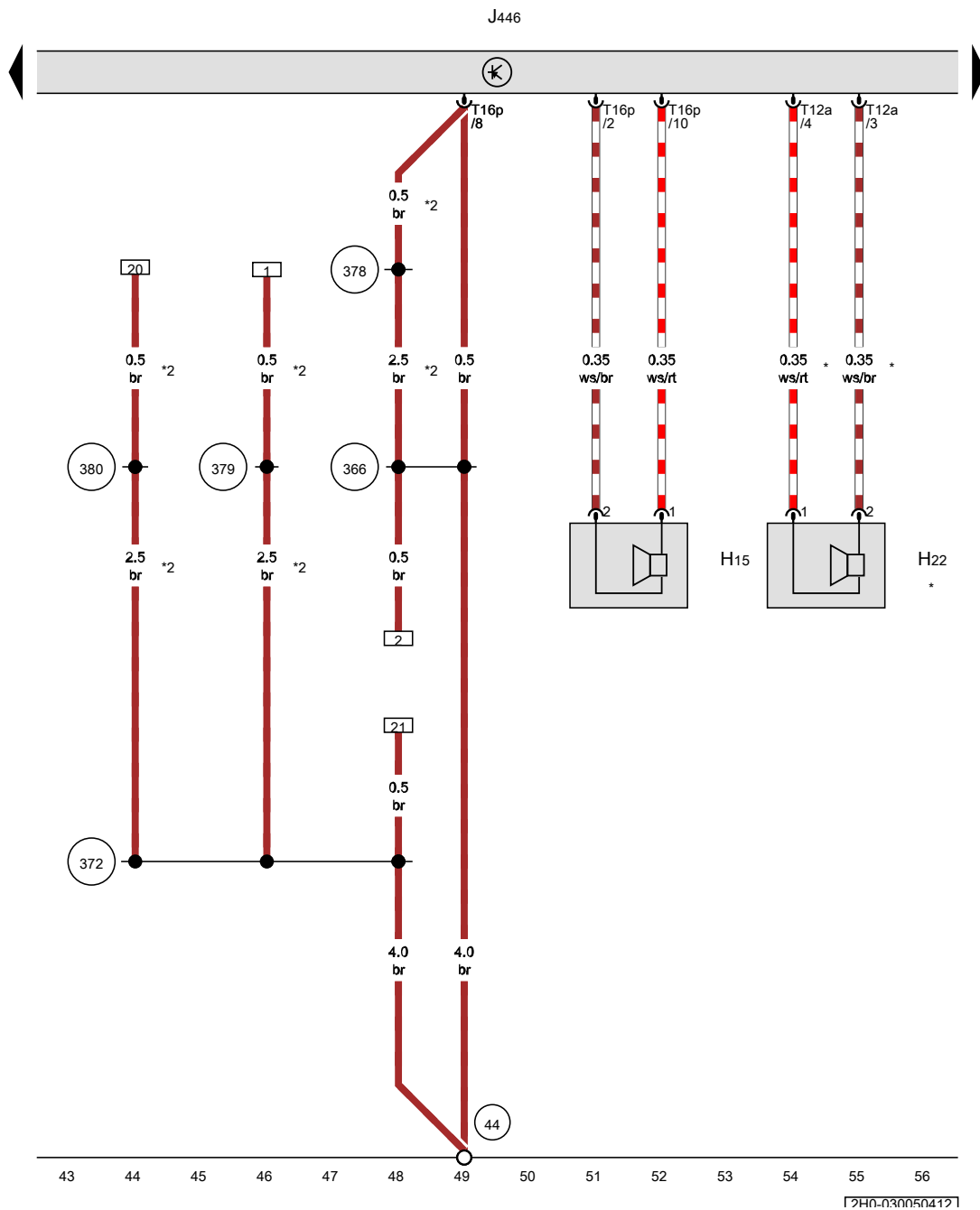
- A7 Positive connection (58 D1), in dash panel wiring harness
- A195 Connection 1 (PDC), in dash panel insert wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B472 Connection 8, in main wiring harness

04.2012



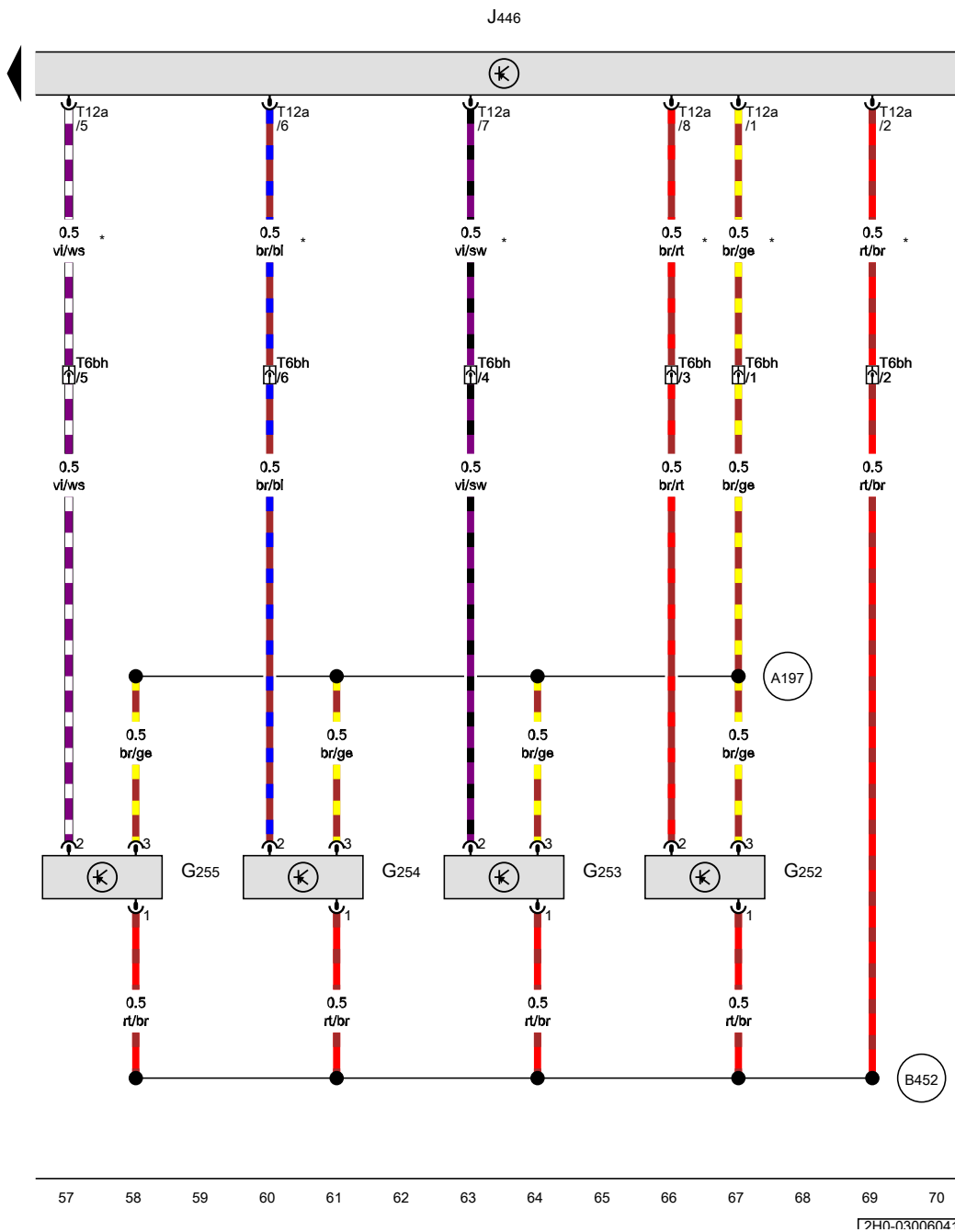
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- T6bi 6-pin connector, under rear bumper on left, black
- T12c 12-pin connector, brown
- T42 42-pin connector, near handbrake lever, black
- A196 Connection 2 (PDC), in dash panel insert wiring harness
- B451 Connection 2 (PDC), in main wiring harness



Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit

- H15 Rear parking aid warning buzzer, behind right C-pillar trim
- H22 Front parking aid warning buzzer
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- T12a 12-pin connector, brown
- T16p 16-pin connector, brown
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- * Only models with parking aid, front/rear
- *2 From November 2011



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

- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- T6bh 6-pin connector, behind front bumper on left, black
- T12a 12-pin connector, brown
- A197 Connection 3 (PDC), in dash panel insert wiring harness
- B452 Connection 3 (PDC), in main wiring harness
- * Only models with parking aid, front/rear

Radio system , (8UA),(8AE),(8DD)

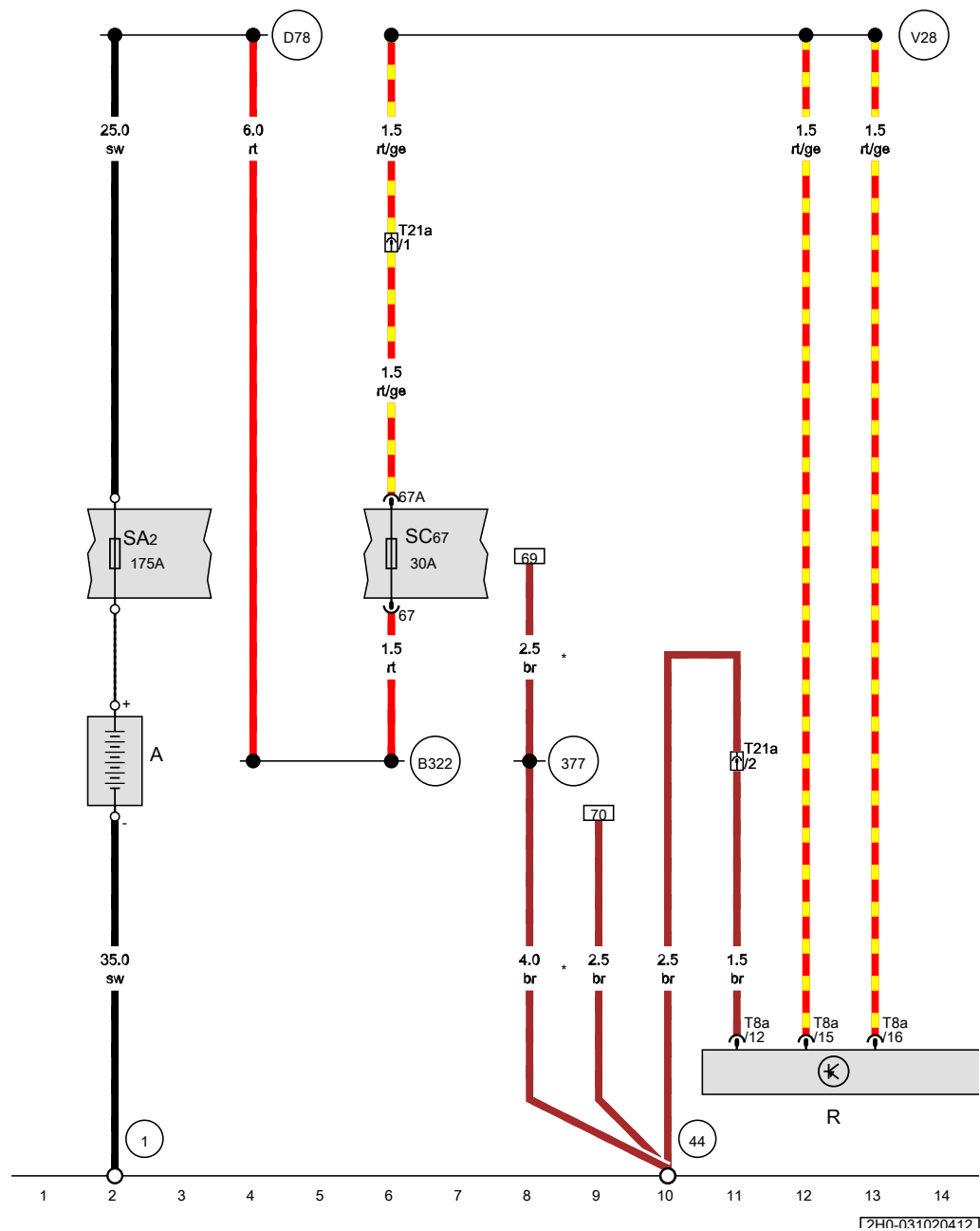
From December 2009

Battery, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

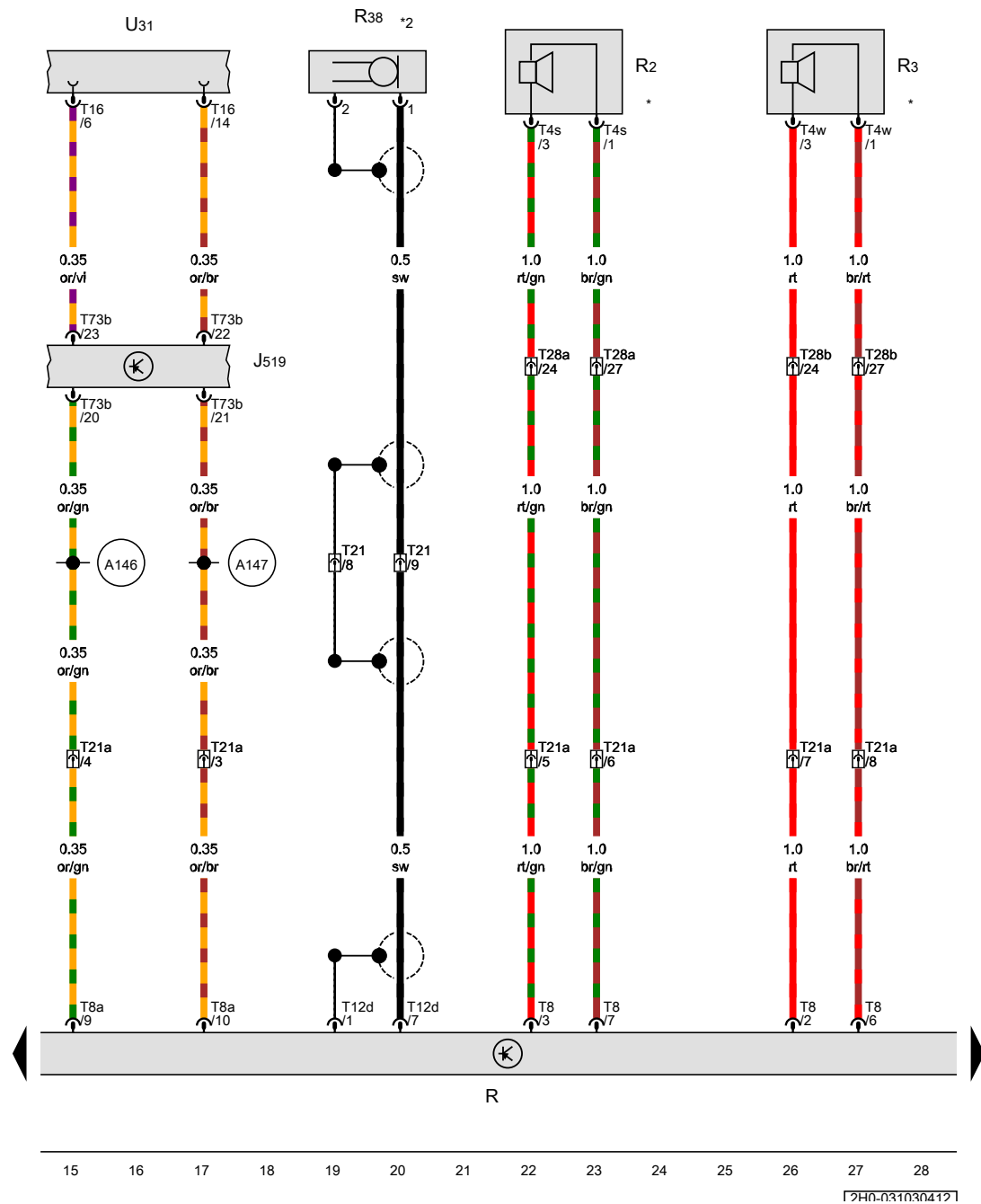
A	Battery
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T21a	21-pin connector, on relay carrier, brown

- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 377 Earth connection 12, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness

* From November 2011



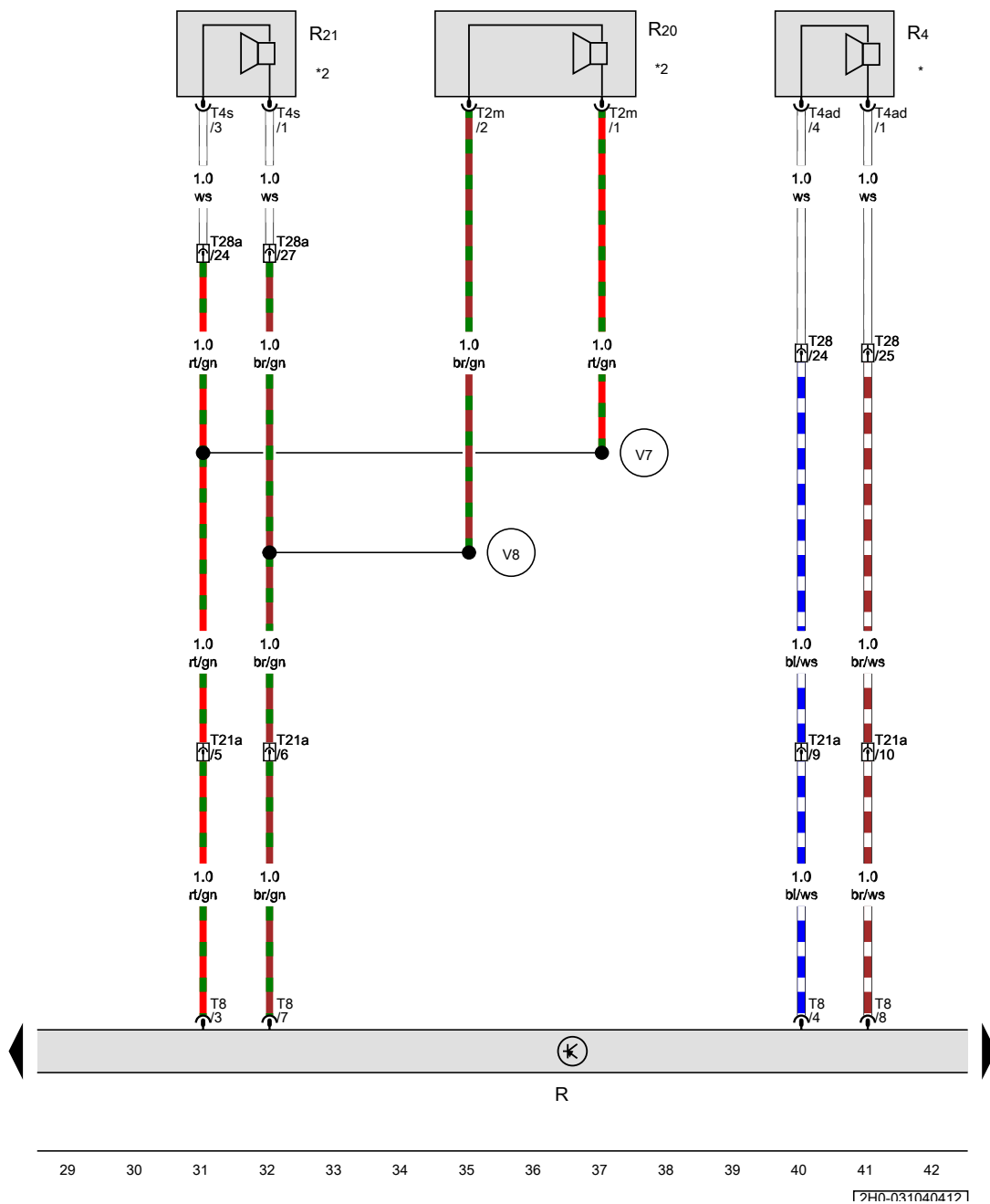
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Radio, Front left loudspeaker, Front right loudspeaker,
Telephone microphone, Diagnostic connection

- J519 Onboard supply control unit
- R Radio
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- R38 Telephone microphone
- T4s 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector, brown
- T8a 8-pin connector, black
- T12d 12-pin connector, green
- T16 16-pin connector, black
- T21 21-pin connector, on relay carrier, blue
- T21a 21-pin connector, on relay carrier, brown
- T28a 28-pin connector
- T28b 28-pin connector, on right A-pillar
- T73b 73-pin connector, colourless
- U31 Diagnostic connection, near driver side A-pillar
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- * Only models with 2 loudspeakers (8RD)
- *2 Only models with mobile telephone/ preparation for mobile telephone

Radio, Rear left loudspeaker, Front left treble loudspeaker,
Front left bass loudspeaker



- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector, black
- T4ad 4-pin connector
- T4s 4-pin connector
- T8 8-pin connector, brown
- T21a 21-pin connector, on relay carrier, brown
- T28 28-pin connector
- T28a 28-pin connector

V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness

V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness

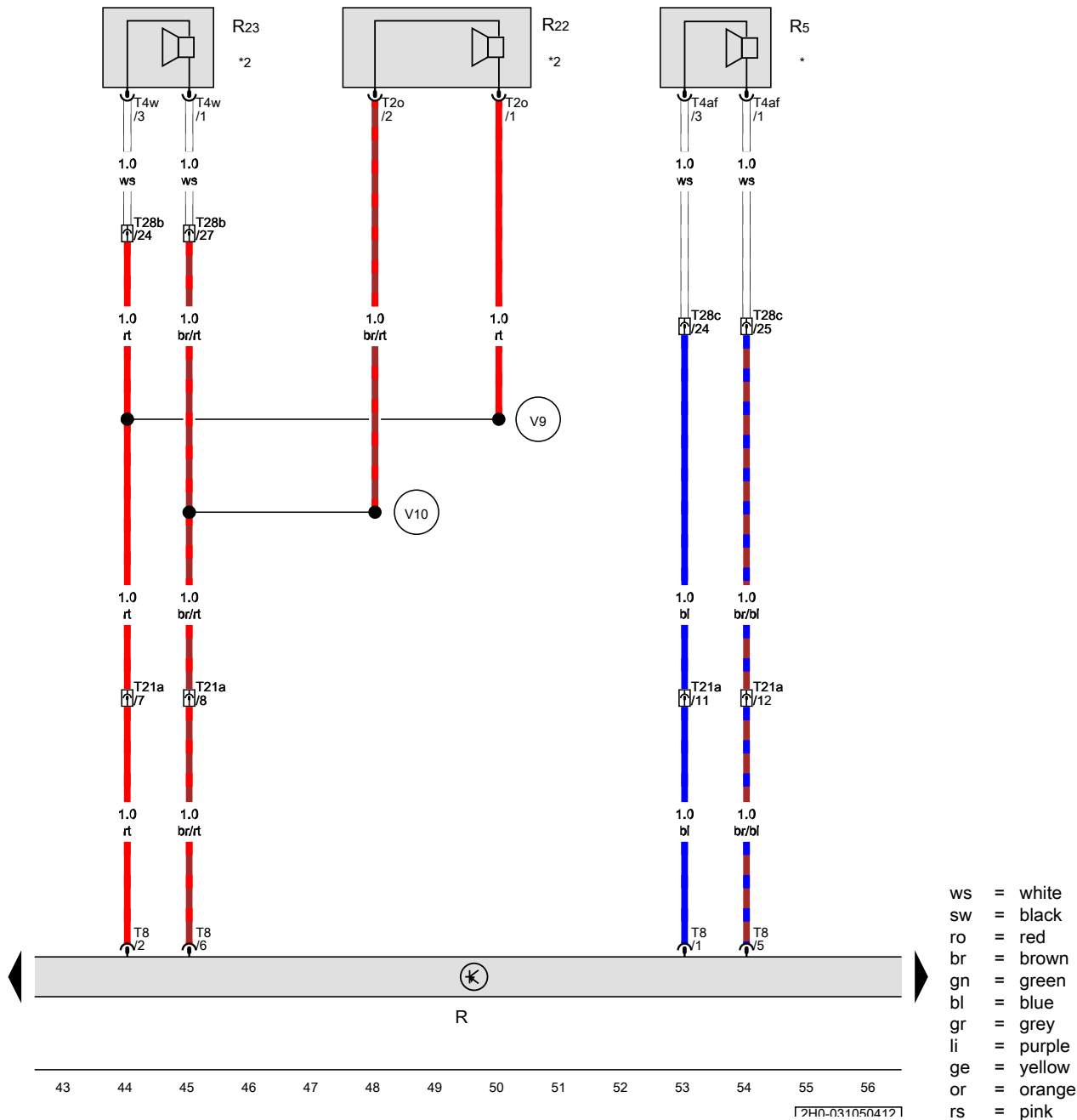
* Only models with equipment (6-passive loudspeakers)

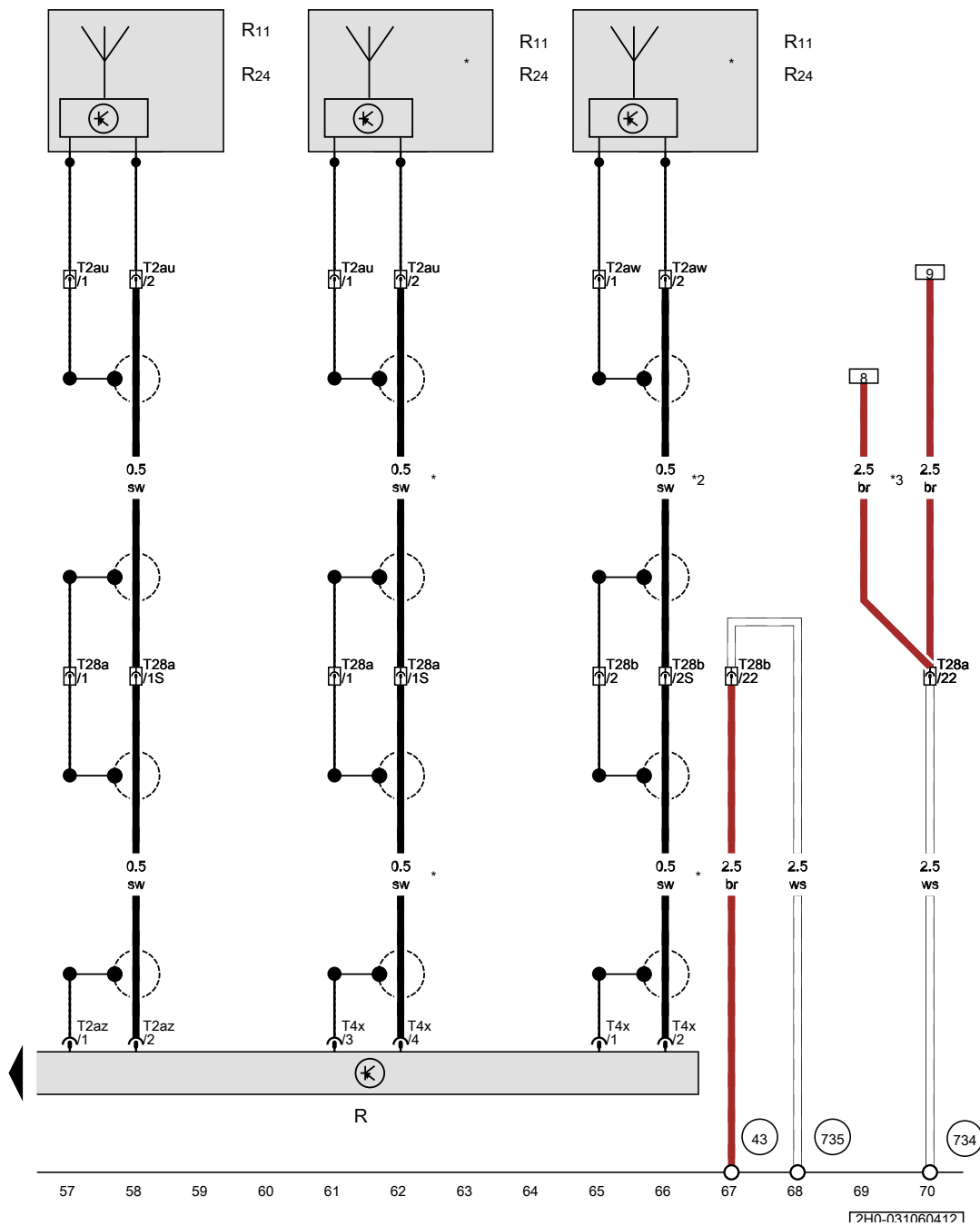
*2 Only models with 4 or 6 loudspeakers

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

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2o	2-pin connector, black
T4af	4-pin connector
T4w	4-pin connector, black
T8	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28b	28-pin connector
T28c	28-pin connector
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers





Radio, Aerial, Aerial amplifier

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, in right door, near exterior mirror
T2az	2-pin connector, colourless
T4x	4-pin connector, colourless
T28a	28-pin connector
T28b	28-pin connector, on right A-pillar

43 Earth point, lower part of right A-pillar

734 Earth point in front left door

735 Earth point in front right door

* Only models with radio RCD 310/RCD 510

*2 Only models with radio and amplifier

*3 From November 2011

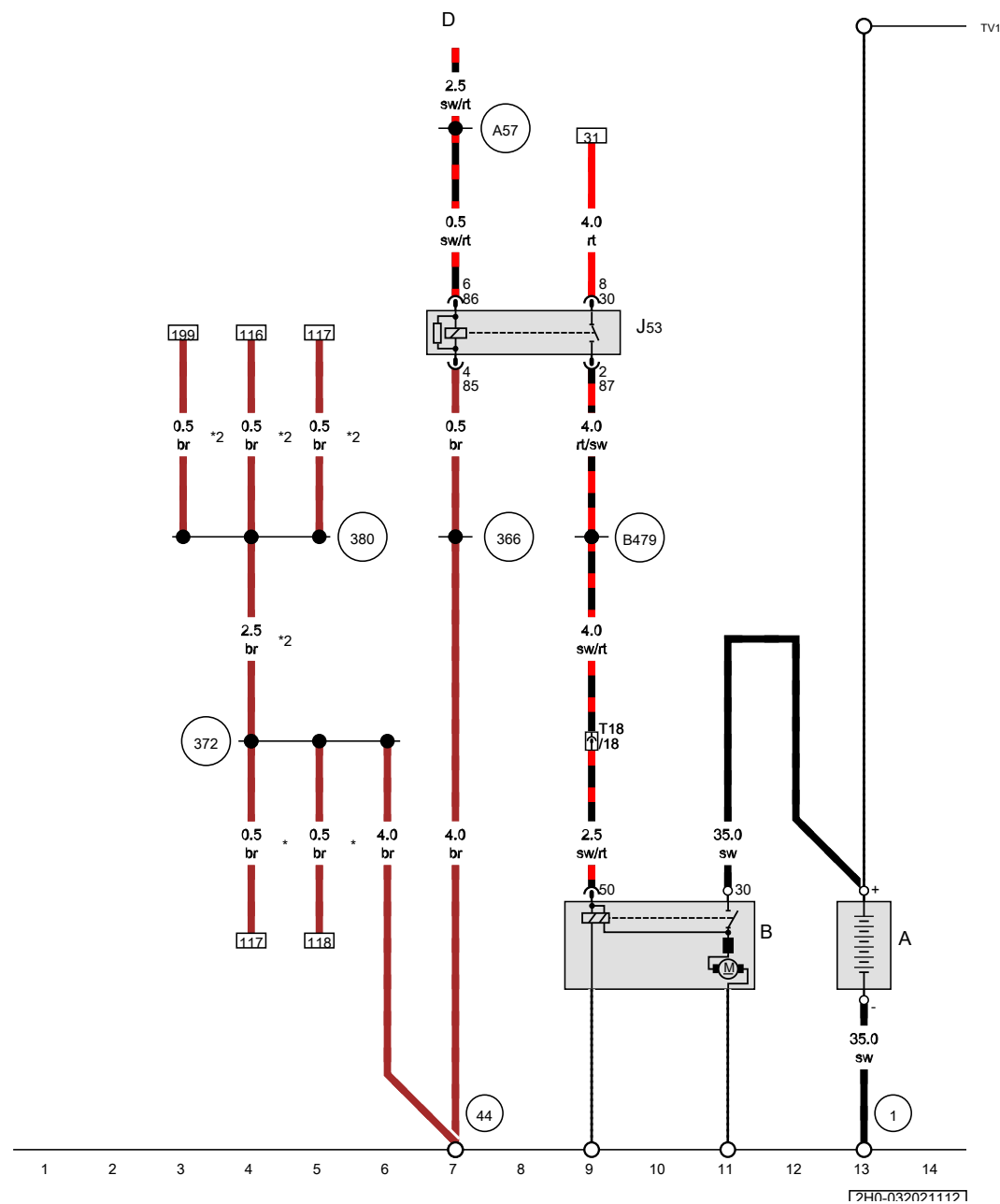
ws = white
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2.0l petrol engine , CFPA

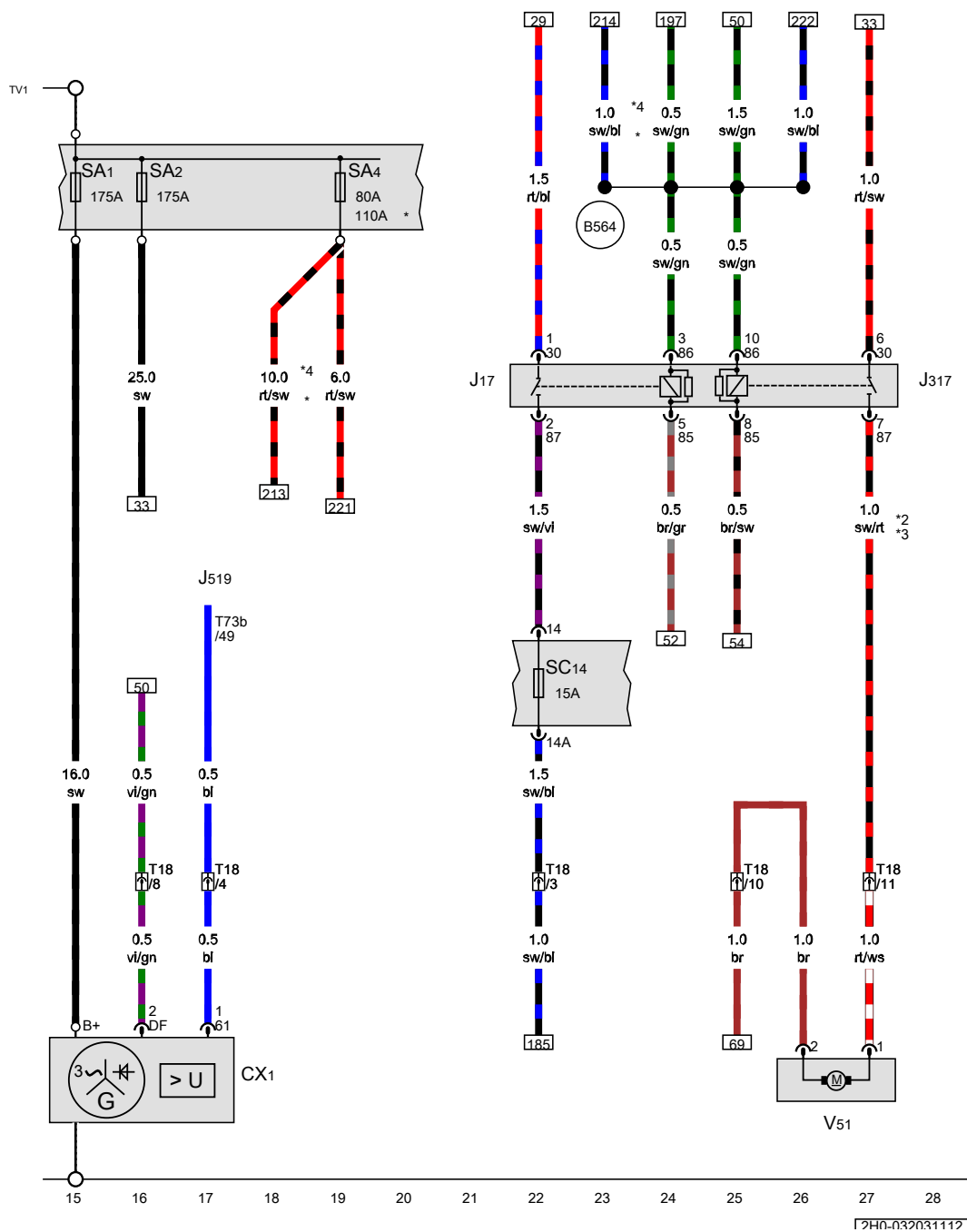
From December 2010

Battery, Starter, Starter motor relay

- A Battery
 B Starter
 D Ignition/starter switch
 J53 Starter motor relay
 T18 18-pin connector, near engine control unit, black
- 1 Earth strap, battery - body
 44 Earth point, lower part of left A-pillar
 366 Earth connection 1, in main wiring harness
 372 Earth connection 7, in main wiring harness
 380 Earth connection 15, in main wiring harness
 A57 Positive connection 3 (30), in dash panel wiring harness
 B479 Connection 15, in main wiring harness
- * Only models with Climatronic
 *2 From November 2011



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Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 4 in fuse holder A, Fuse 14 on fuse holder C, Continued coolant circulation pump

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SC14 Fuse 14 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T73b 73-pin connector
- V51 Continued coolant circulation pump

B564 Connection 31, in main wiring harness

- * Only for countries with hot climate
- *2 Only models with no Climatronic
- *3 see applicable current flow diagram for automatic air conditioning system
- *4 Only models with air conditioning system/ Climatronic

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Main relay, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C

J271 Main relay
J329 Terminal 15 voltage supply relay
SC10 Fuse 10 on fuse holder C
SC15 Fuse 15 on fuse holder C
SC23 Fuse 23 on fuse holder C
SC42 Fuse 42 on fuse holder C
SC62 Fuse 62 on fuse holder C

A15 Positive connection (15), in instrument wiring harness

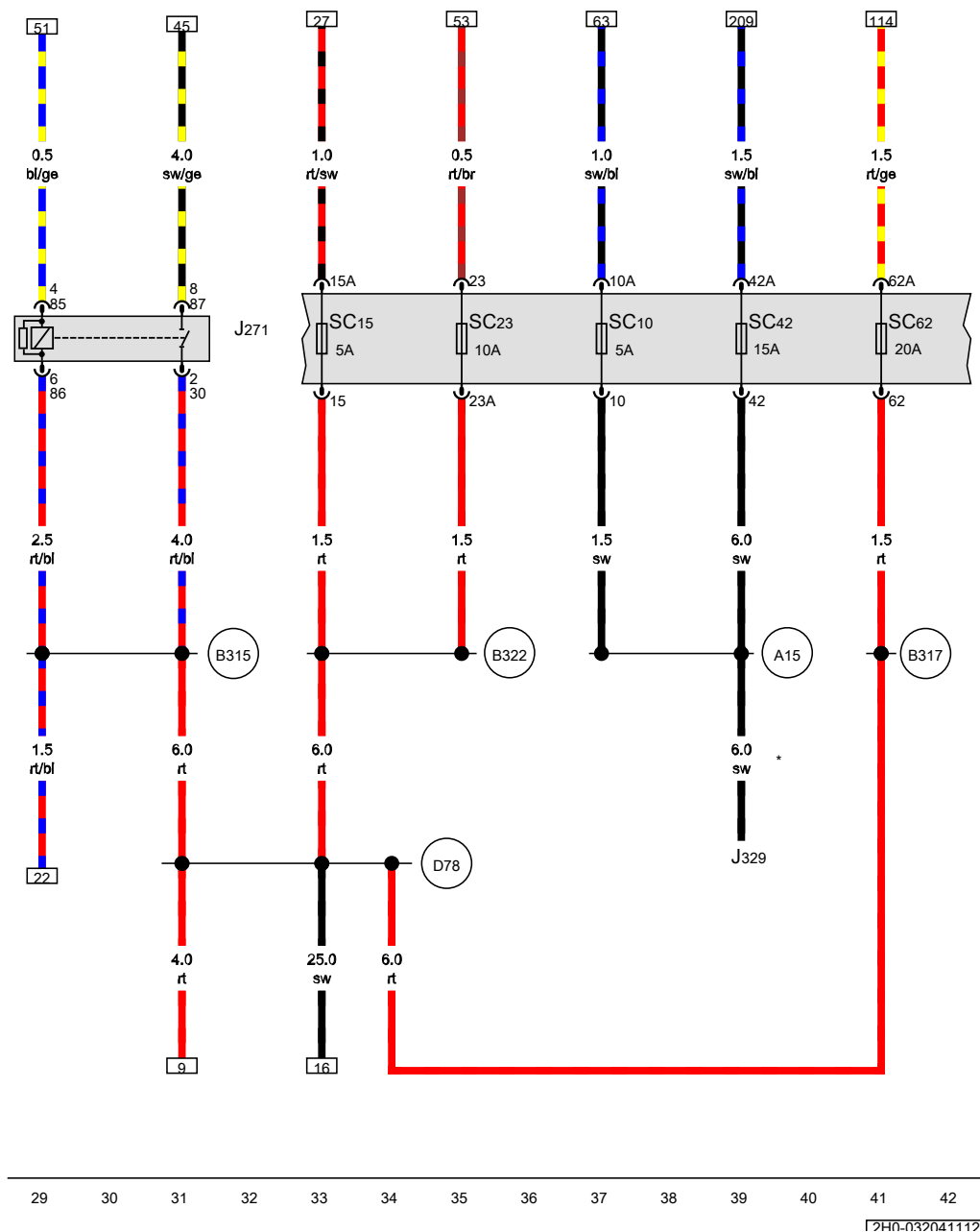
B315 Positive connection 1 (30a) in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

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

D78 Positive connection 1 (30a), in engine compartment wiring harness

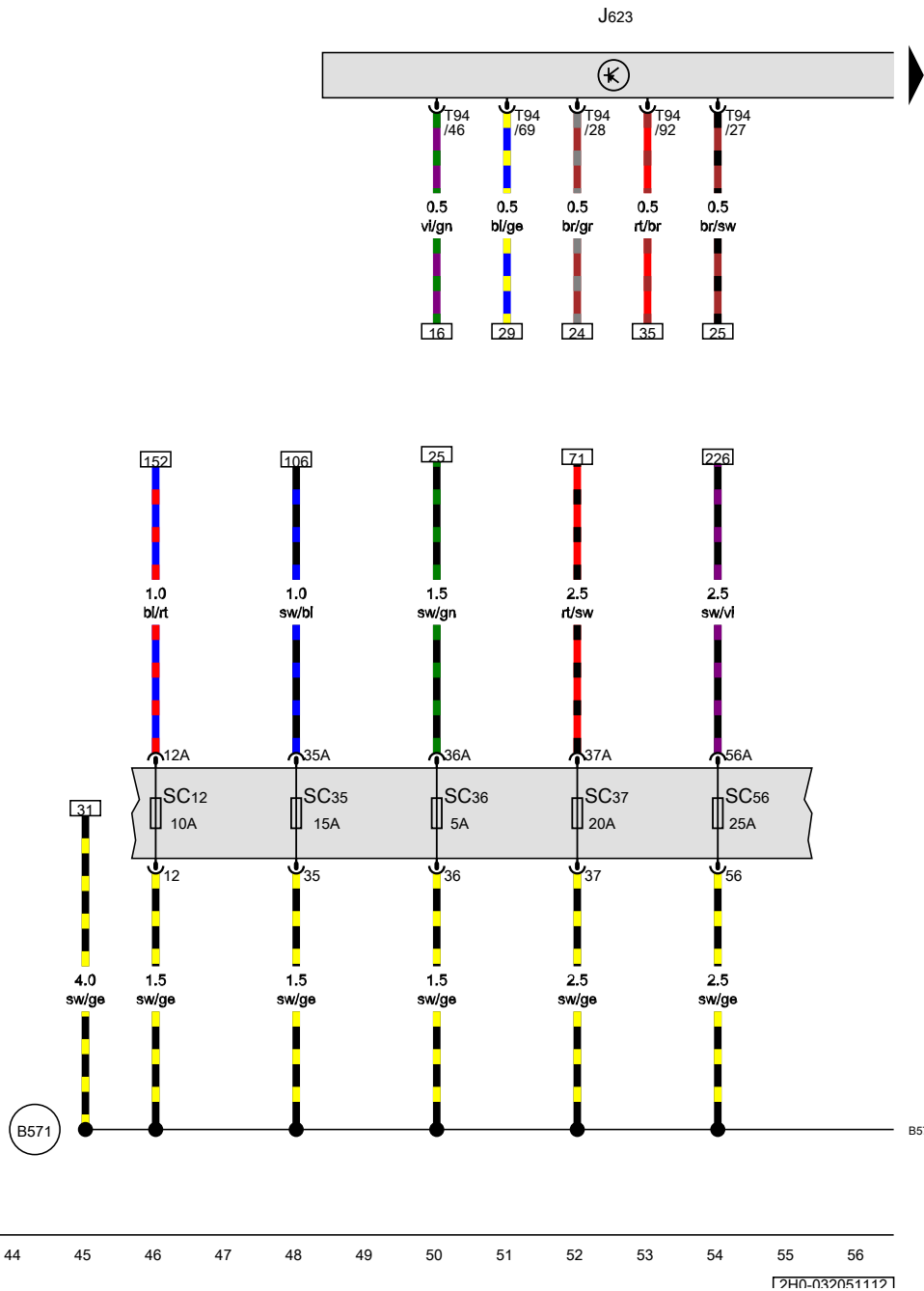
* see applicable current flow diagram for fuse assignment

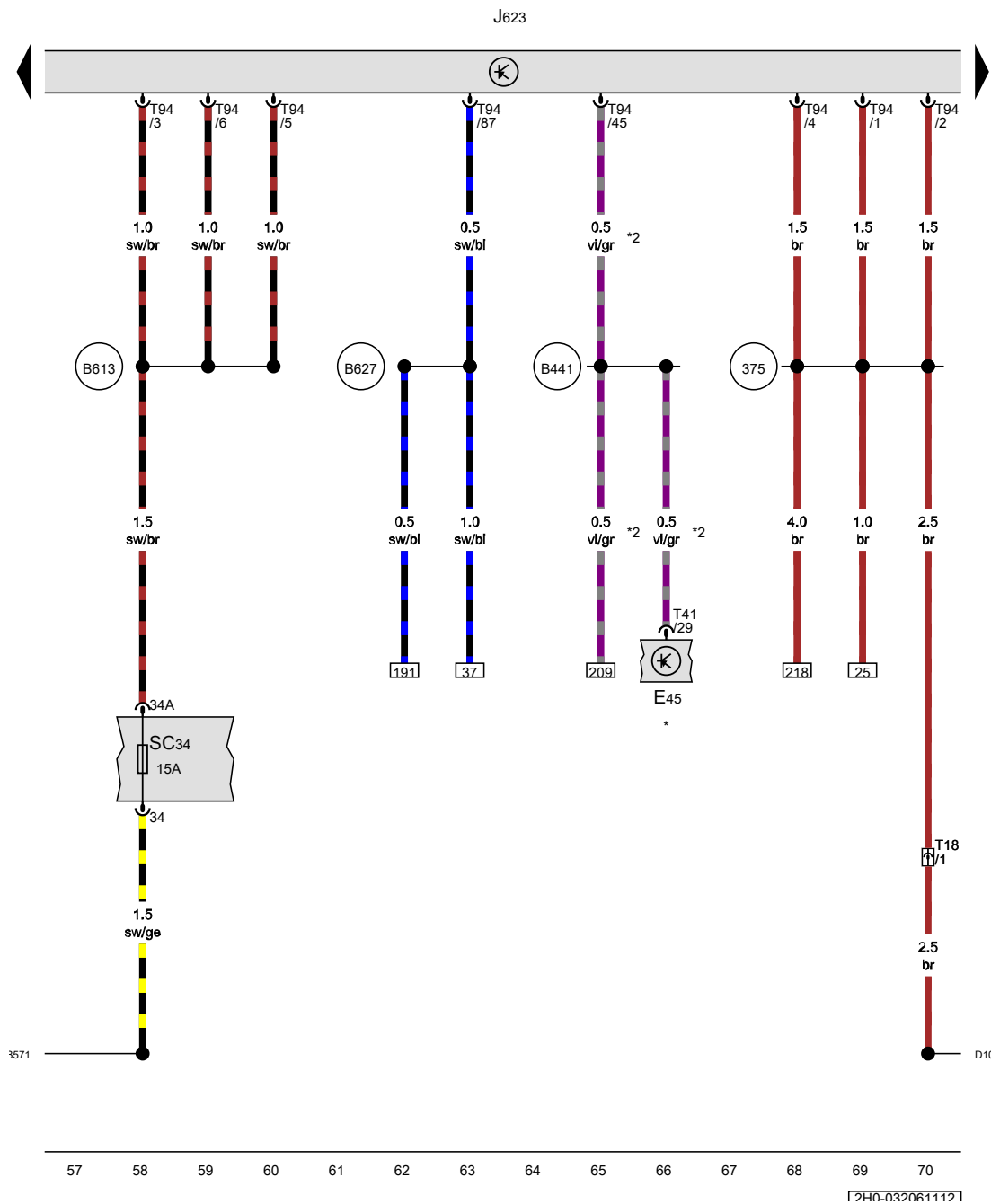


Engine control unit, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623 Engine control unit
SC12 Fuse 12 on fuse holder C
SC35 Fuse 35 on fuse holder C
SC36 Fuse 36 on fuse holder C
SC37 Fuse 37 on fuse holder C
SC56 Fuse 56 on fuse holder C
T94 94-pin connector, black

B571 Connection 38, in main wiring harness

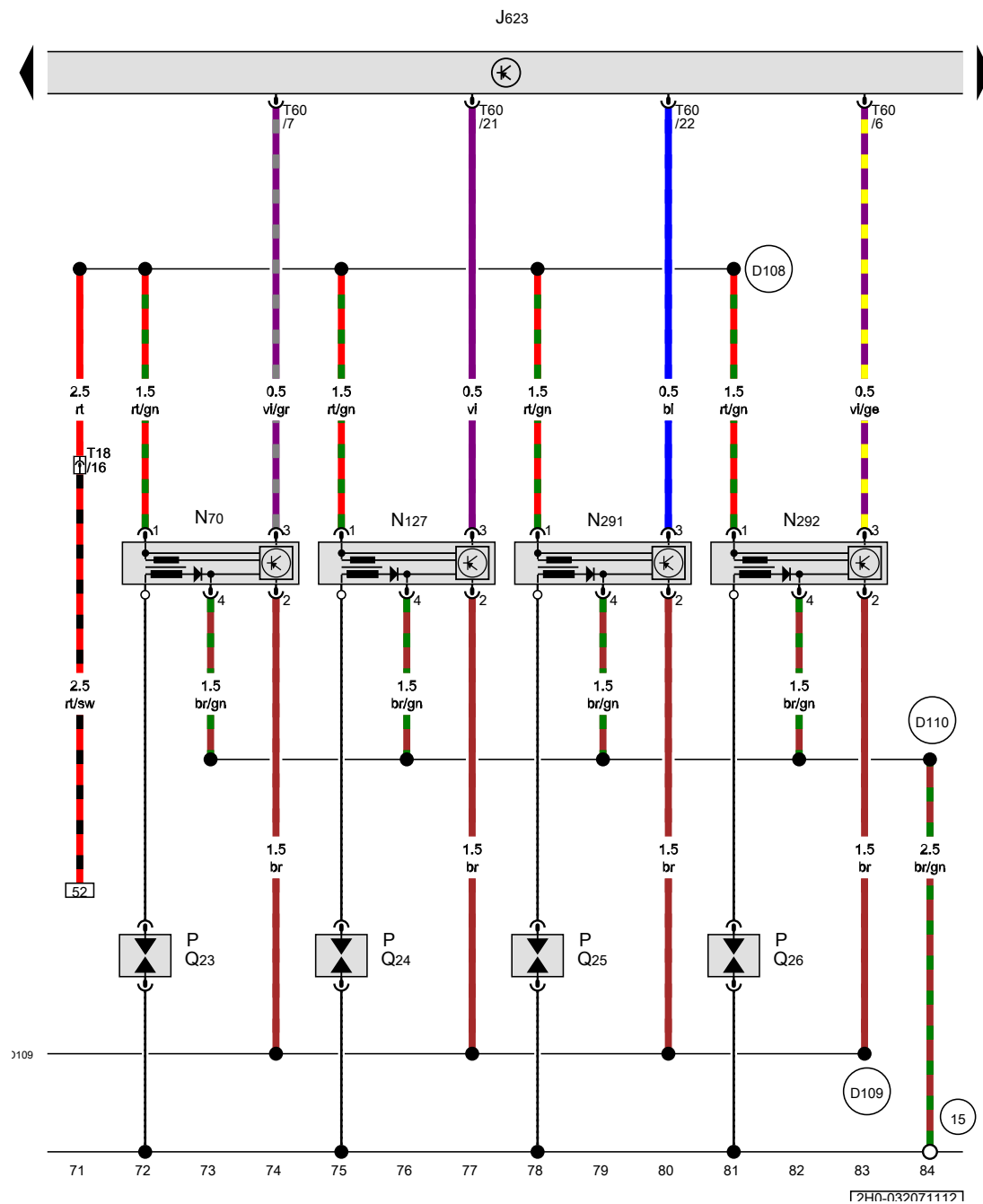




Cruise control system switch, Engine control unit

- E45 Cruise control system switch
- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T41 41-pin connector
- T94 94-pin connector, black
- (375) Earth connection 10, in main wiring harness
- (B441) Connection (CCS), in main wiring harness
- (B571) Connection 38, in main wiring harness
- (B613) Connection 41, in main wiring harness
- (B627) Positive connection 3 (15), in main wiring harness
- (D109) Connection 7 in engine compartment wiring harness
- * see applicable current flow diagram for basic equipment
- *2 Only models with cruise control system (CCS)

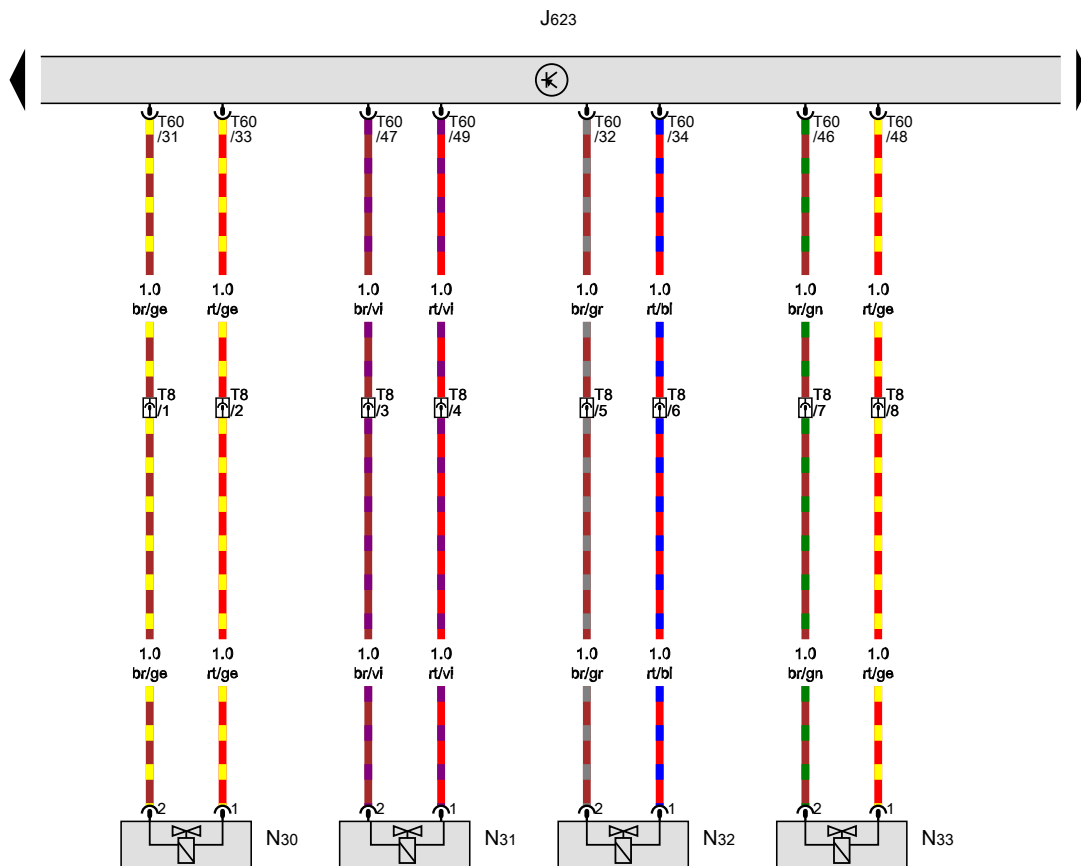
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

J623 Engine control unit
 N70 Ignition coil 1 with output stage
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 P Spark plug connector
 Q23 Spark plug 1
 Q24 Spark plug 2
 Q25 Spark plug 3
 Q26 Spark plug 4
 T18 18-pin connector, near engine control unit, black
 T60 60-pin connector, black

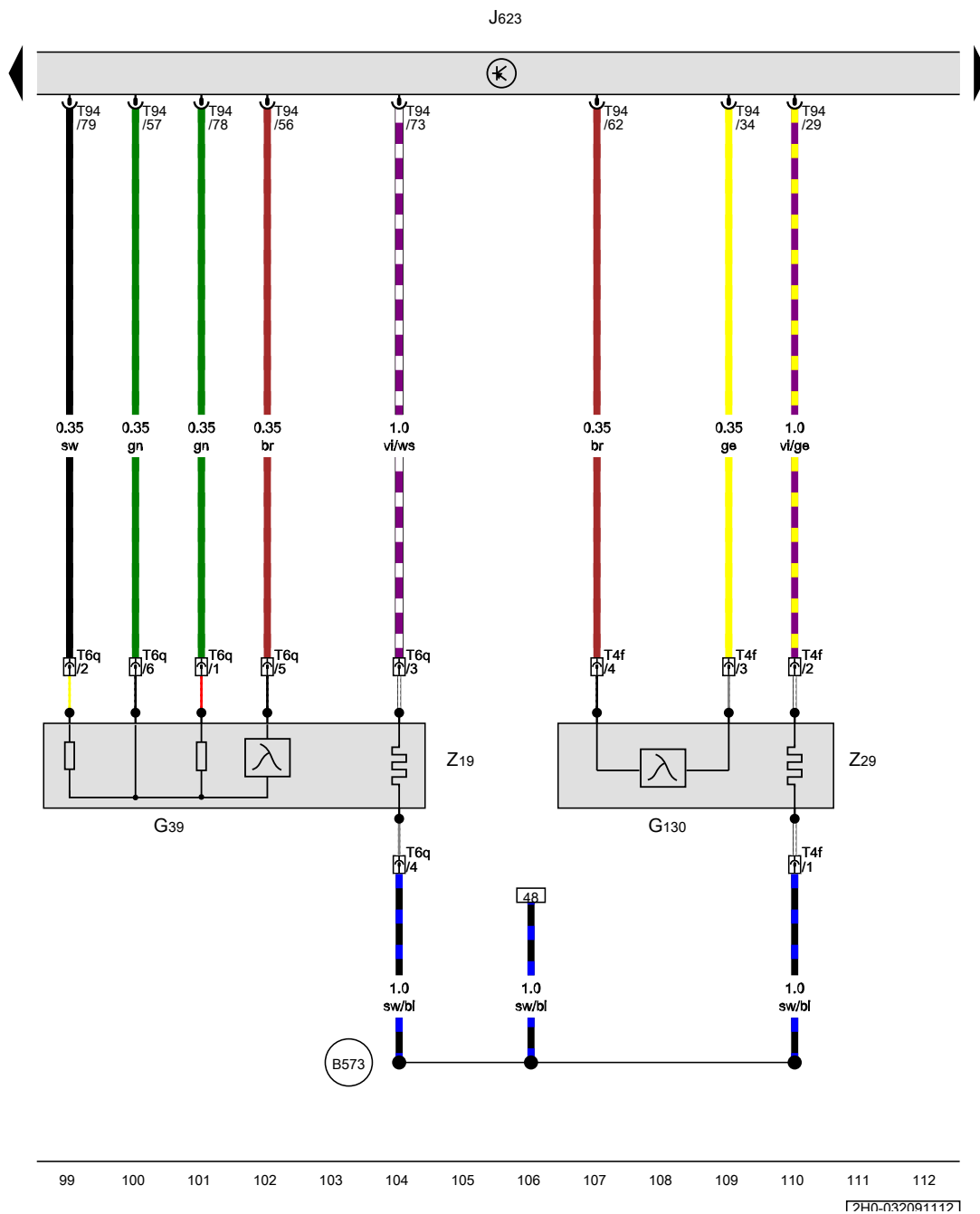
15 Earth point, on cylinder head
 D108 Connection 6 in engine compartment wiring harness
 D109 Connection 7 in engine compartment wiring harness
 D110 Connection 8 in engine compartment wiring harness



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

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T8 8-pin connector, brown
- T60 60-pin connector, black

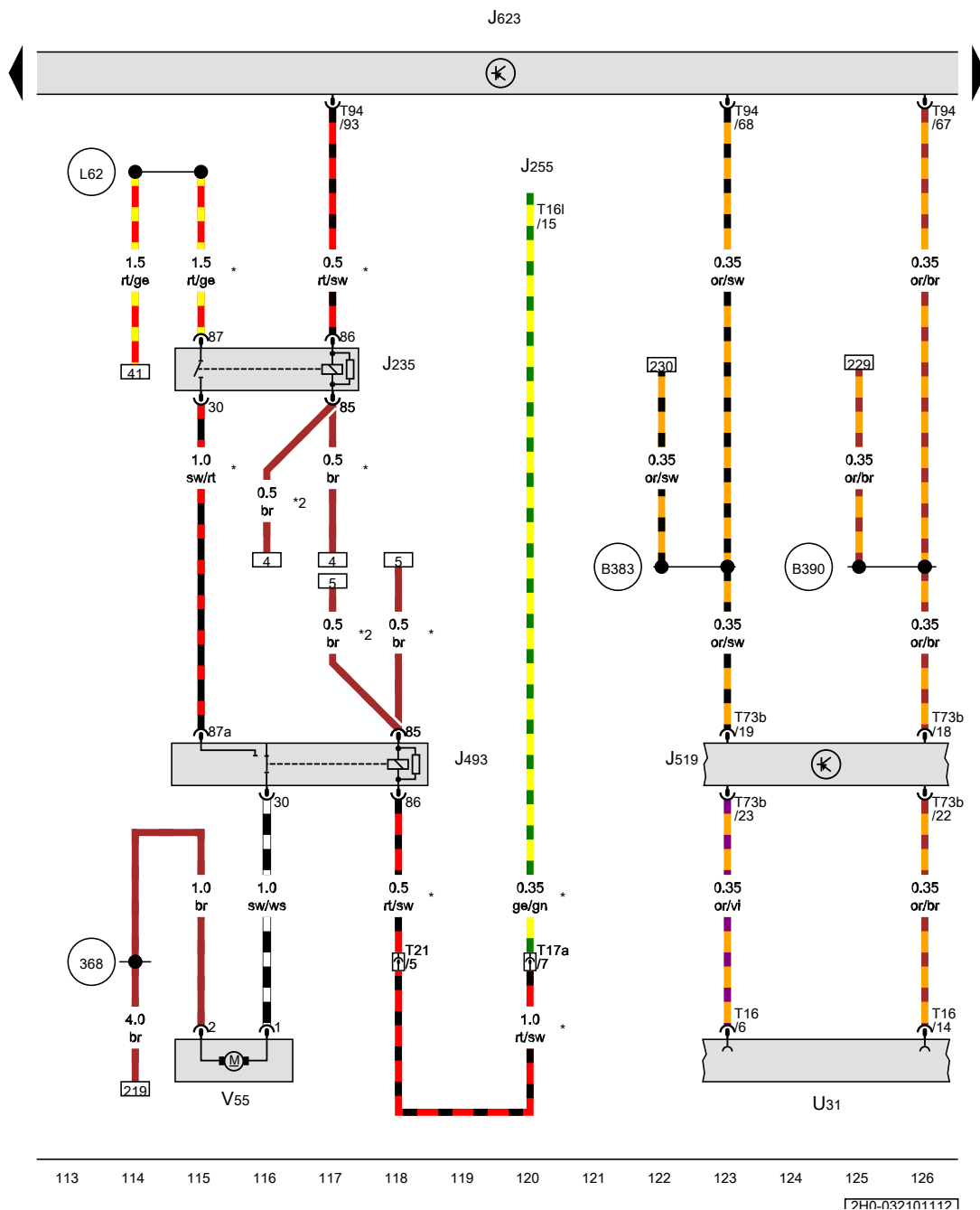
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- ge = yellow
- or = orange
- rs = pink



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

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4f 4-pin connector, in rear right of engine compartment, black
- T6q 6-pin connector, front right in engine compartment, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B573 Connection 40, in main wiring harness

Engine control unit, Circulation pump



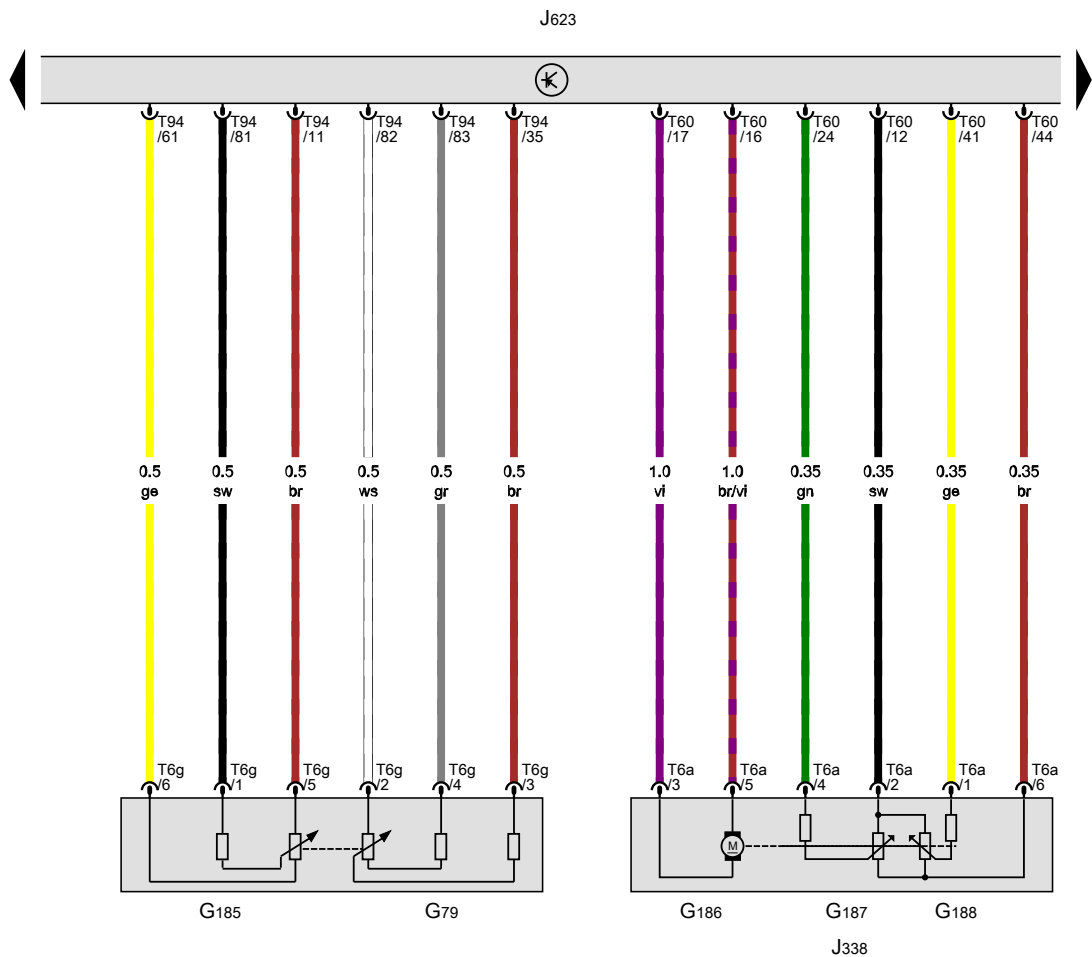
- J235 Coolant pump relay
- J255 Climatronic control unit
- J493 Auxiliary coolant heater relay
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector
- T16l 16-pin connector
- T17a 17-pin connector, black
- T21 21-pin connector, blue
- T73b 73-pin connector
- T94 94-pin connector, black
- U31 Diagnostic connection
- V55 Circulation pump

- 368 Earth connection 3, 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
- L62 Positive connection (30a), in auxiliary heater wiring harness

- * Only models with Climatronic
- *2 From November 2011

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

Accelerator position sender, Throttle valve drive for electric throttle, Throttle valve module, Engine control unit

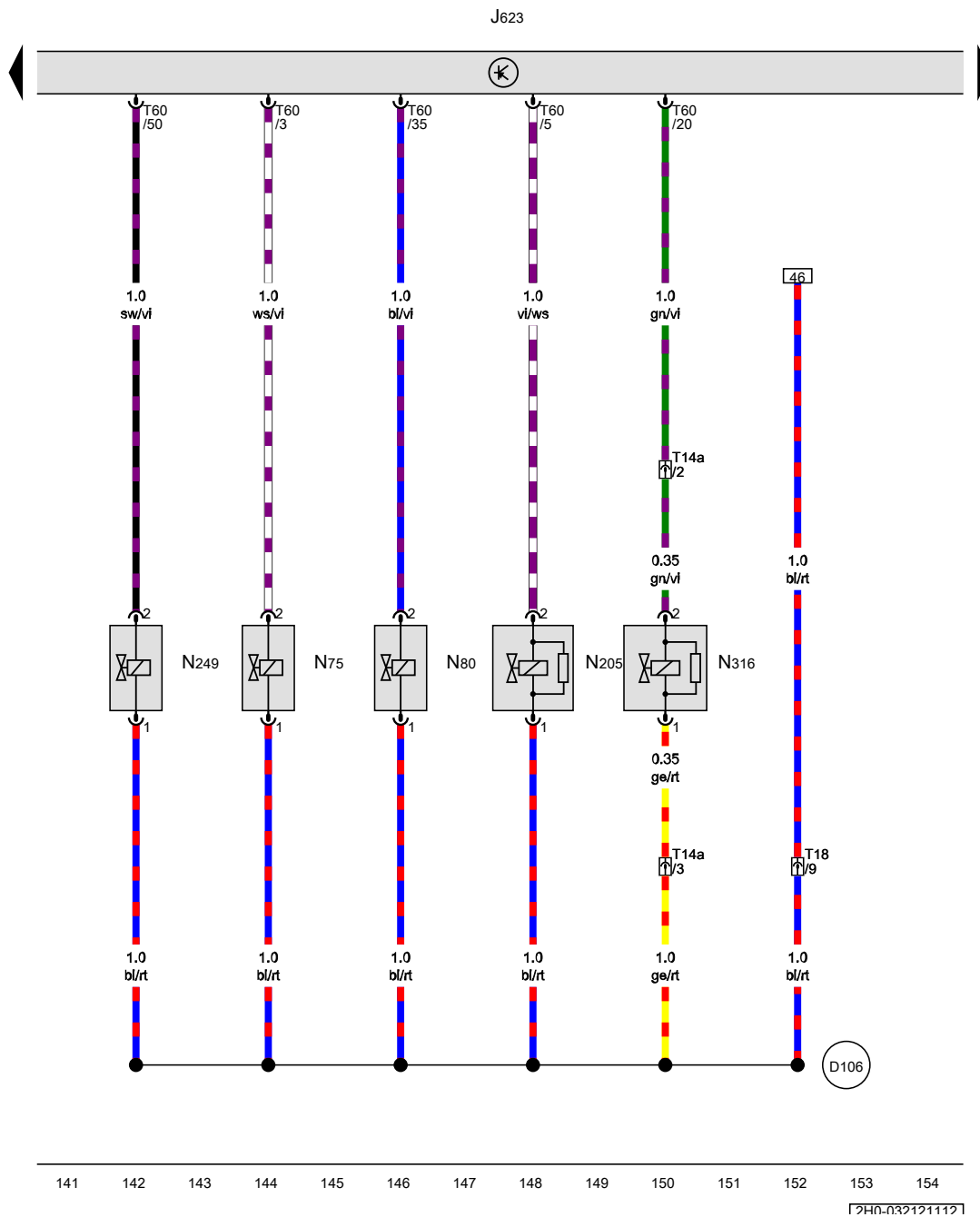


- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- T6a 6-pin connector
- T6g 6-pin connector
- T60 60-pin connector, black
- T94 94-pin connector, black

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

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

[240-032111112]



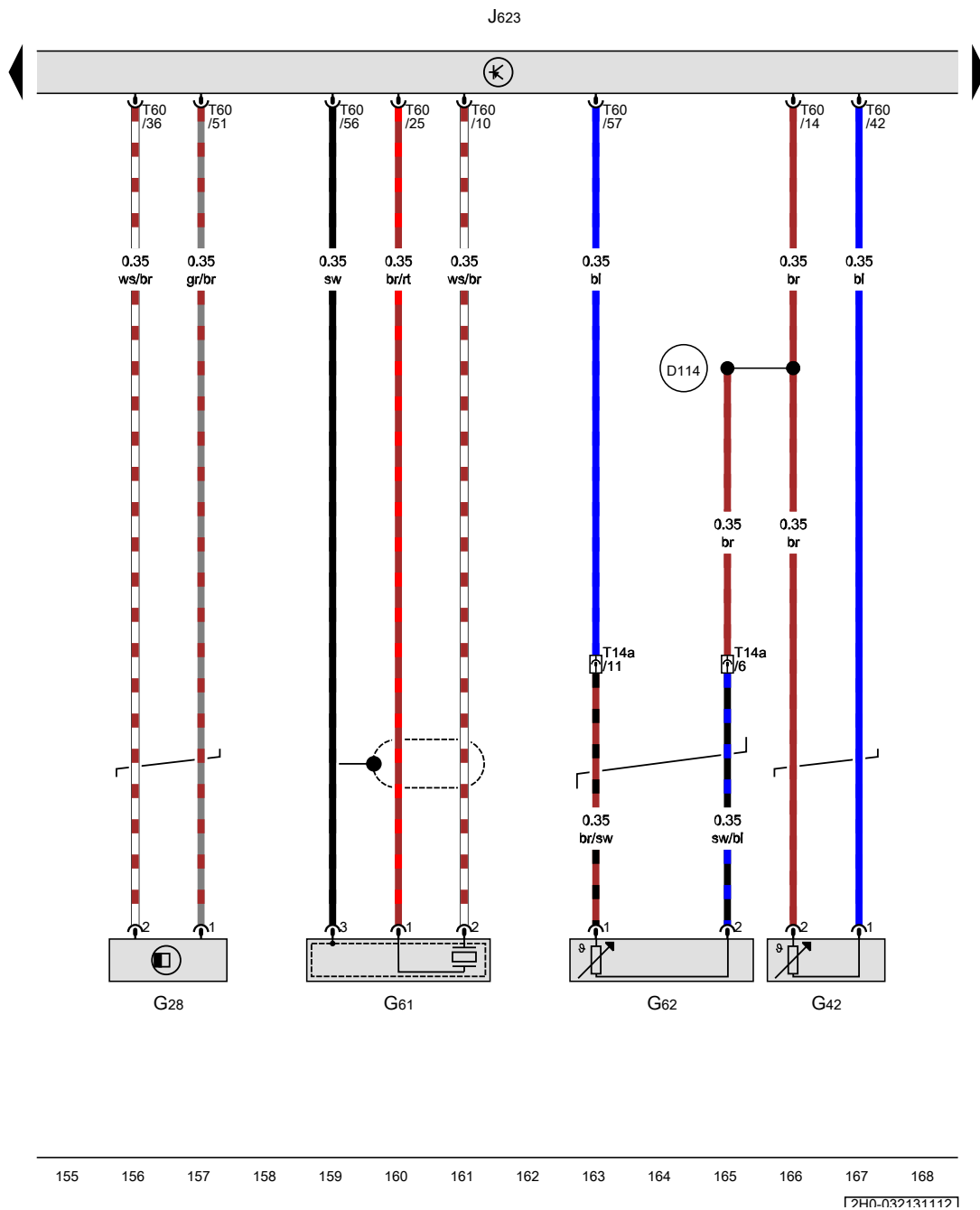
Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T14a 14-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

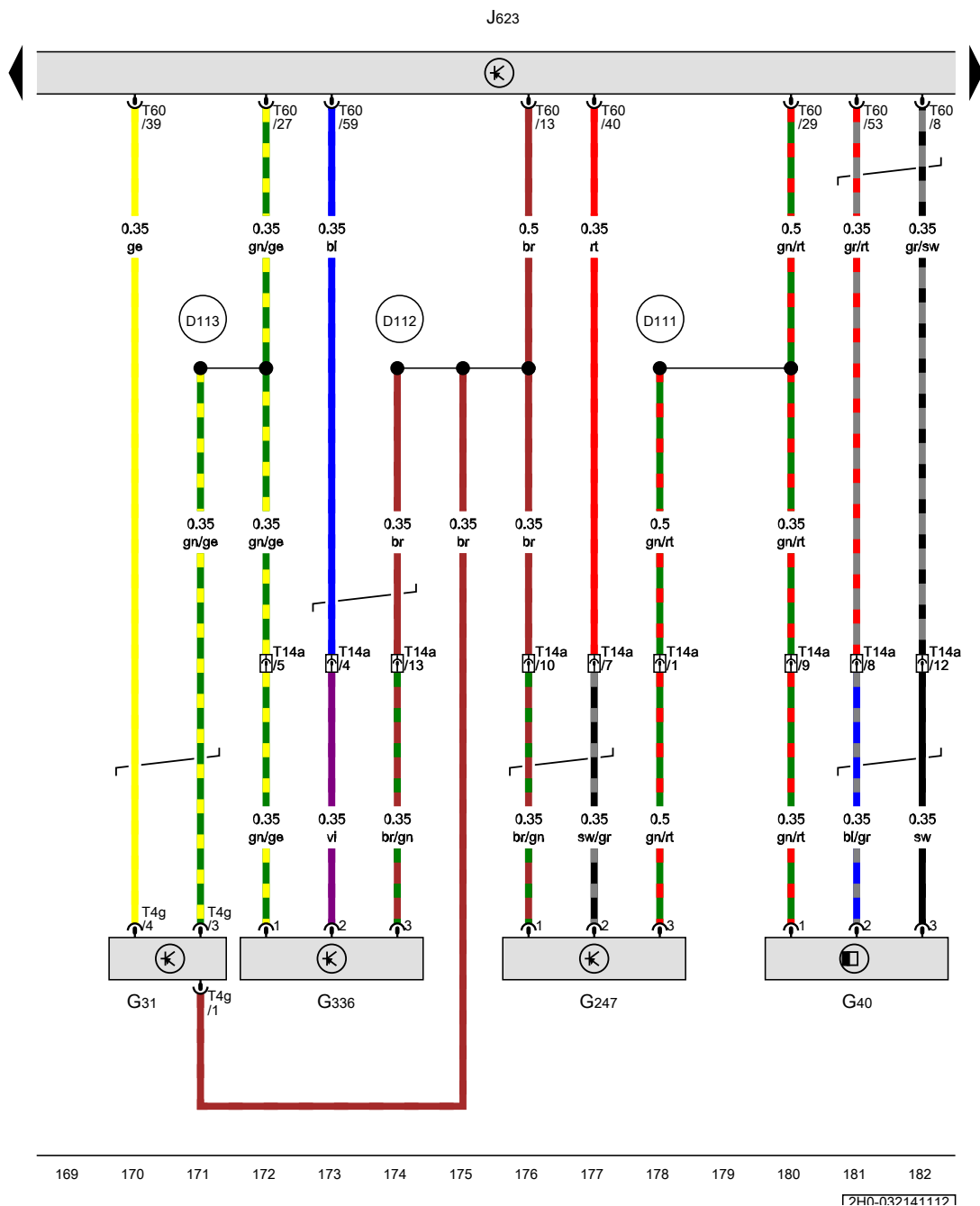
D106 Connection 4 in engine compartment wiring harness

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

Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine control unit



[740-032131117]

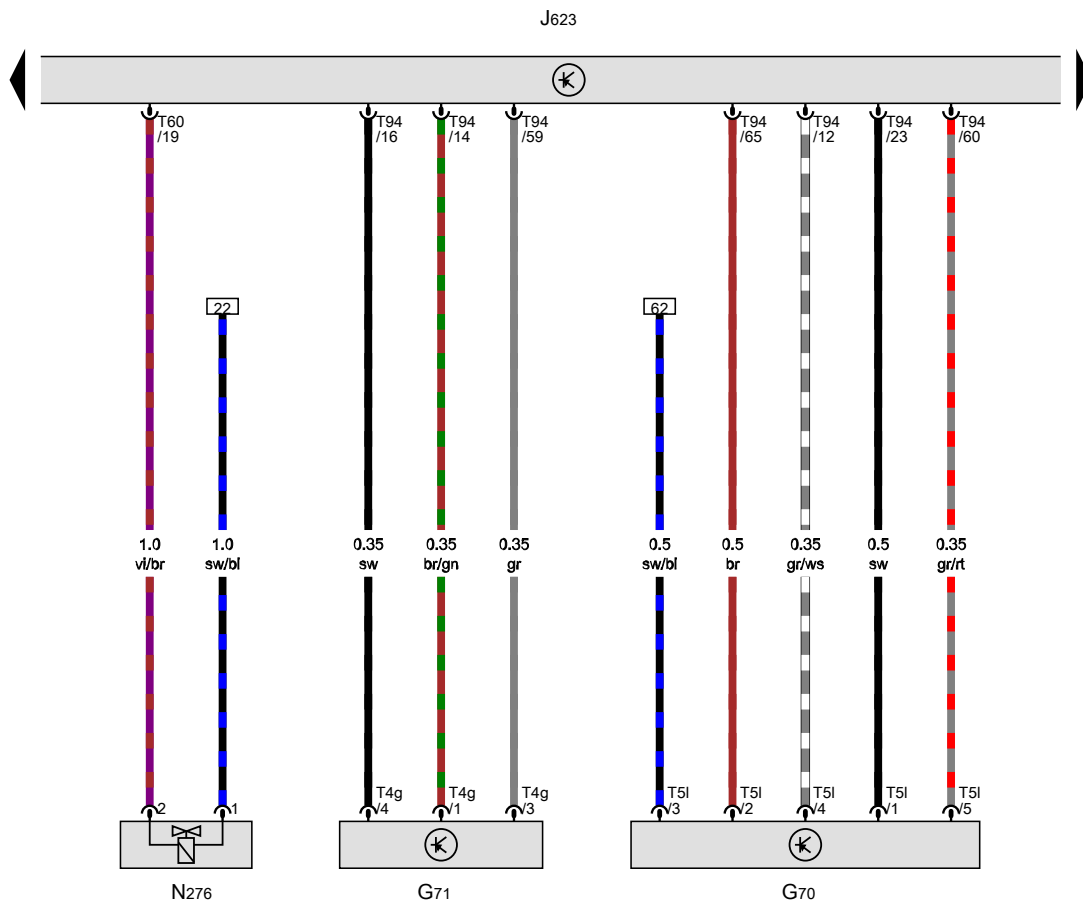


Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

- G31 Charge pressure sender
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T4g 4-pin connector
- T14a 14-pin connector, front left in engine compartment, black
- T60 60-pin connector, black

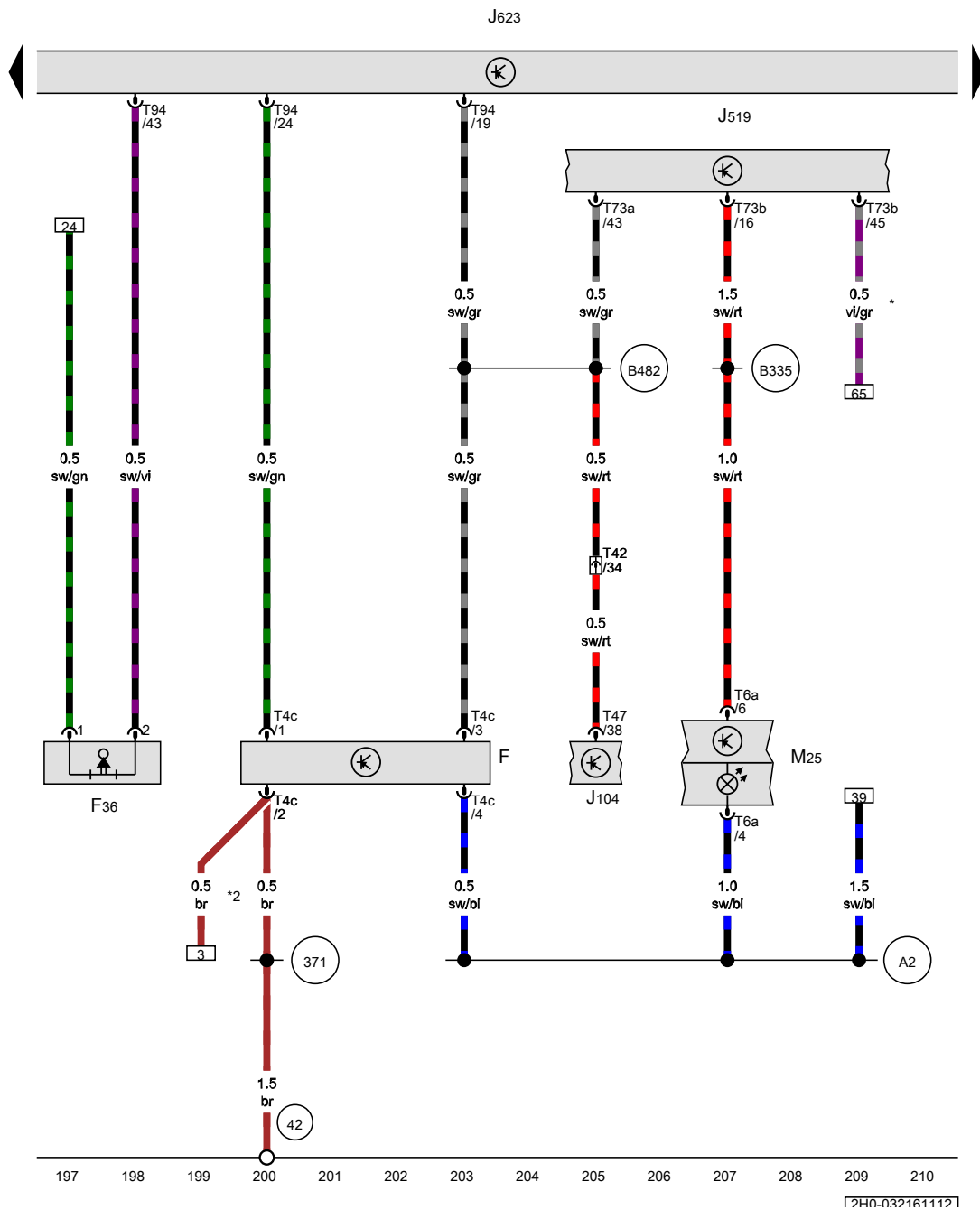
- D111 Connection 9 in engine compartment wiring harness
- D112 Connection 10 in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness

Air mass meter, Intake manifold pressure sender, Engine control unit, Fuel pressure regulating valve



183 184 185 186 187 188 189 190 191 192 193 194 195 196

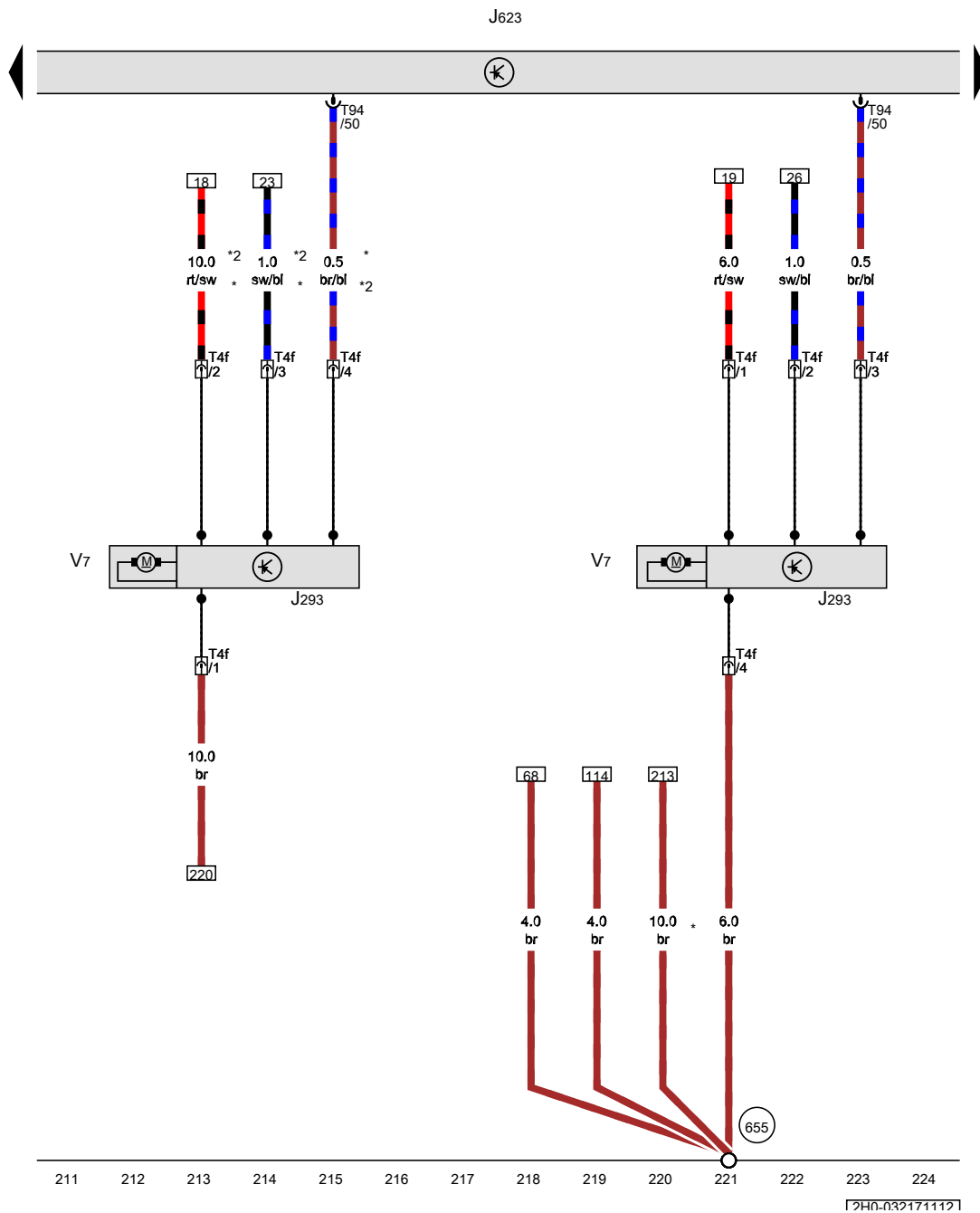
[740-032151112]



Brake light switch, Clutch pedal switch, ABS control unit, Engine control unit

- F Brake light switch
- F36 Clutch pedal switch
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- M25 Additional brake light bulb
- T4c 4-pin connector
- T6a 6-pin connector
- T42 42-pin connector, black
- T47 47-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- T94 94-pin connector, black
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with cruise control system (CCS)
- *2 From November 2011

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

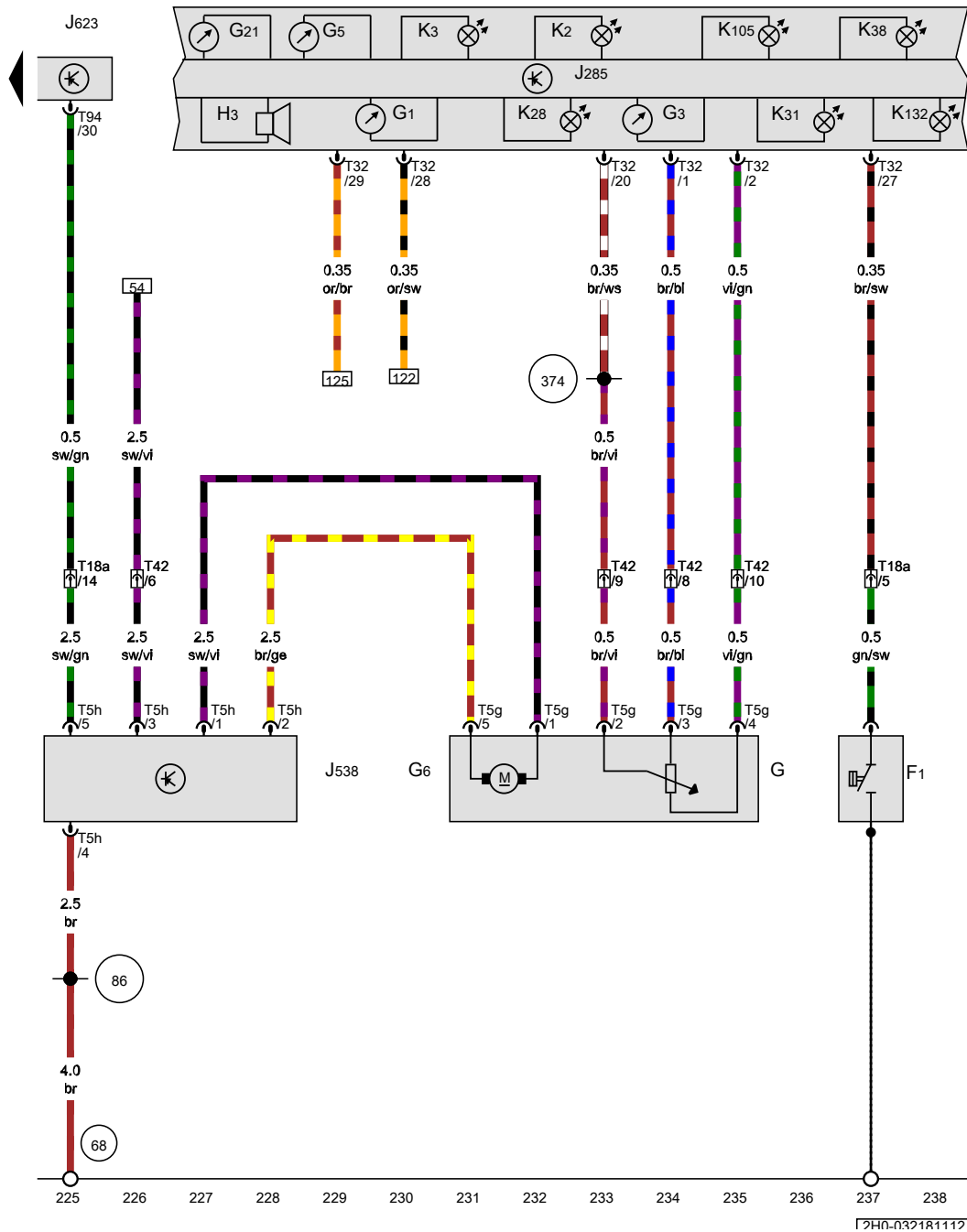


Radiator fan control unit, Engine control unit, Radiator fan

- J293 Radiator fan control unit
- J623 Engine control unit
- T4f 4-pin connector, in rear right of engine compartment, black
- T94 94-pin connector, black
- V7 Radiator fan

655 Earth point, on left headlight

- * Only for countries with hot climate
- *2 Only models with air conditioning system/ Climatronic



Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit, Dash panel insert

- F1 Oil pressure switch
- G Fuel gauge sender, on fuel tank
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit, on fuel tank
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- T5g 5-pin connector
- T5h 5-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T32 32-pin connector, blue
- T42 42-pin connector, black
- T94 94-pin connector, black

68 Earth point, on left of rear cross member

86 Earth connection 1, in rear wiring harness

374 Earth connection 9, in main wiring harness

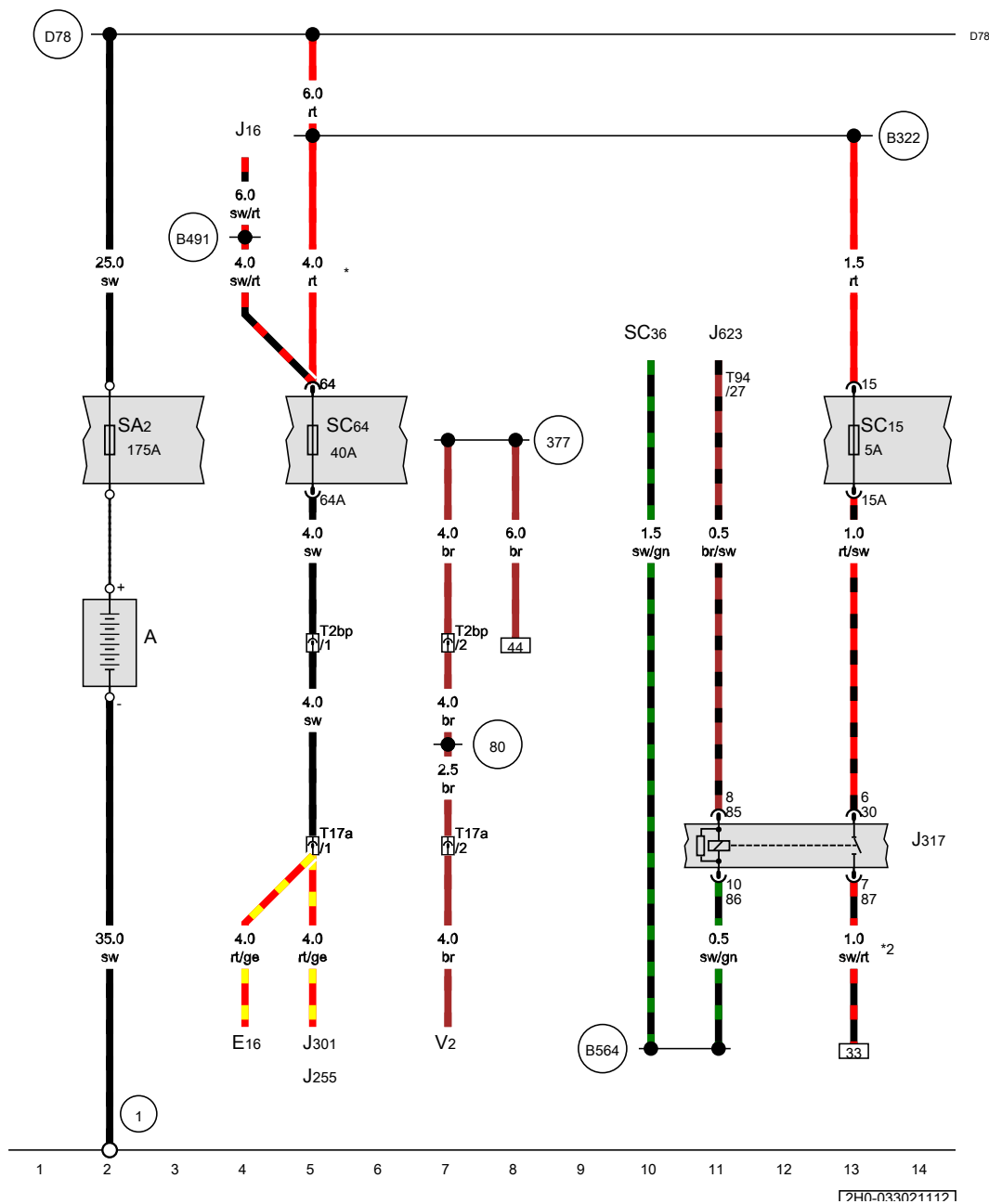
* Only for countries with hot climate

- ws = white
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- bl = blue
- gr = grey
- li = purple
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Auxiliary coolant heater , CFPA

From December 2010

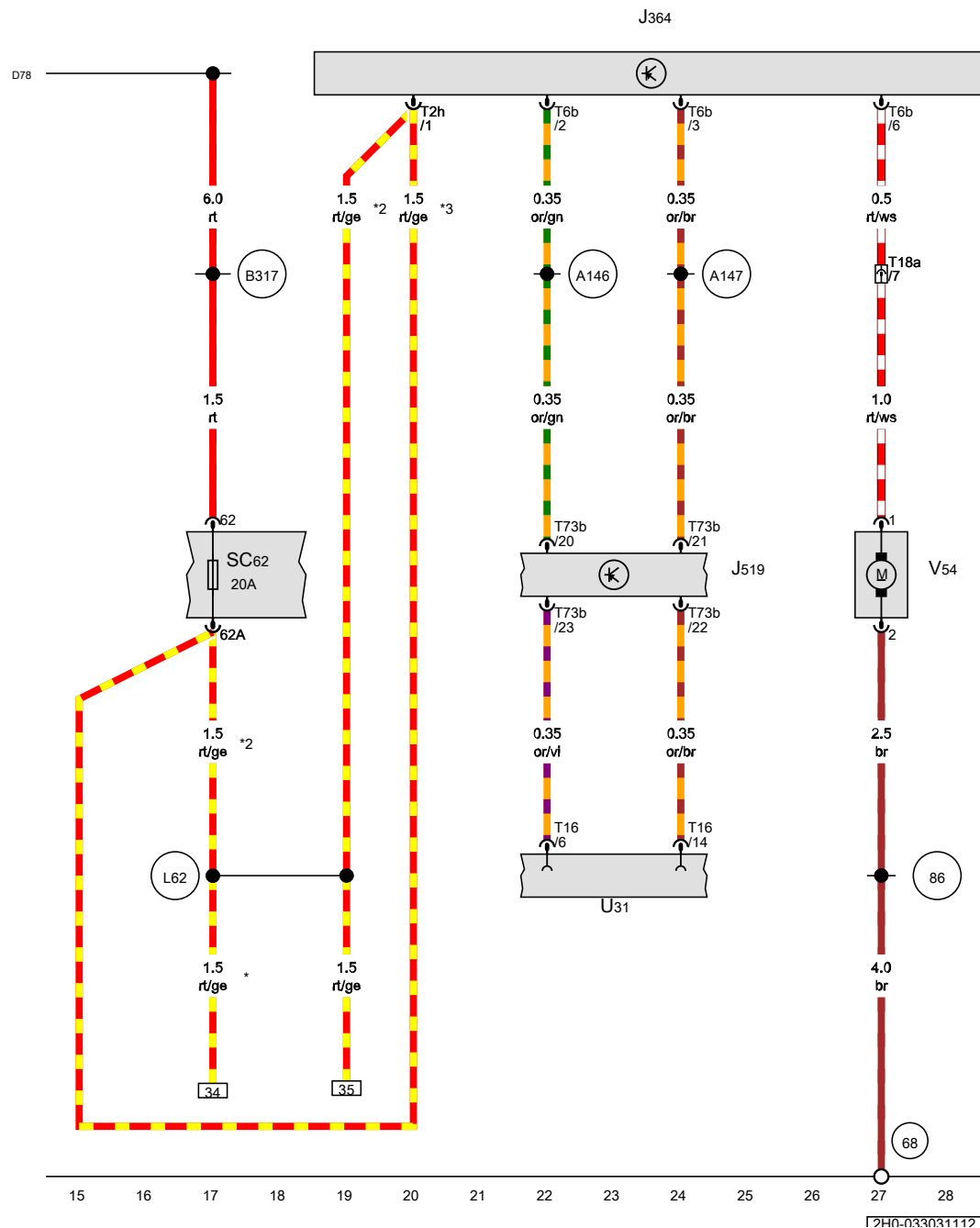
Battery, Engine control unit, Fuse 2 in fuse holder A, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C, Fresh air blower



- A Battery
- E16 Heater/heat output switch
- J16 Current supply relay
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- T2bp 2-pin connector, black
- T17a 17-pin connector, behind glove compartment
- T94 94-pin connector
- V2 Fresh air blower

- 1 Earth strap, battery - body
- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- B564 Connection 31, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with Climatronic
- *2 Only models with no Climatronic

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

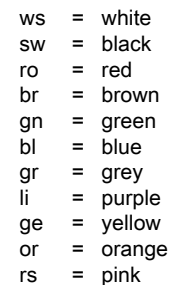


**Auxiliary heater control unit, Onboard supply control unit,
Fuse 62 on fuse holder C, Metering pump**

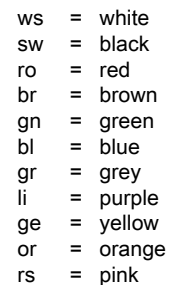
- J364 Auxiliary heater control unit
- J519 Onboard supply control unit
- SC62 Fuse 62 on fuse holder C
- T2h 2-pin connector
- T6b 6-pin connector
- T16 16-pin connector
- T18a 18-pin connector, near engine control unit
- T73b 73-pin connector
- U31 Diagnostic connection, near driver side A-pillar
- V54 Metering pump

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with Climatronic
- *2 Only models with air conditioning system/ Climatronic
- *3 Only models with no air conditioning system/Climatronic

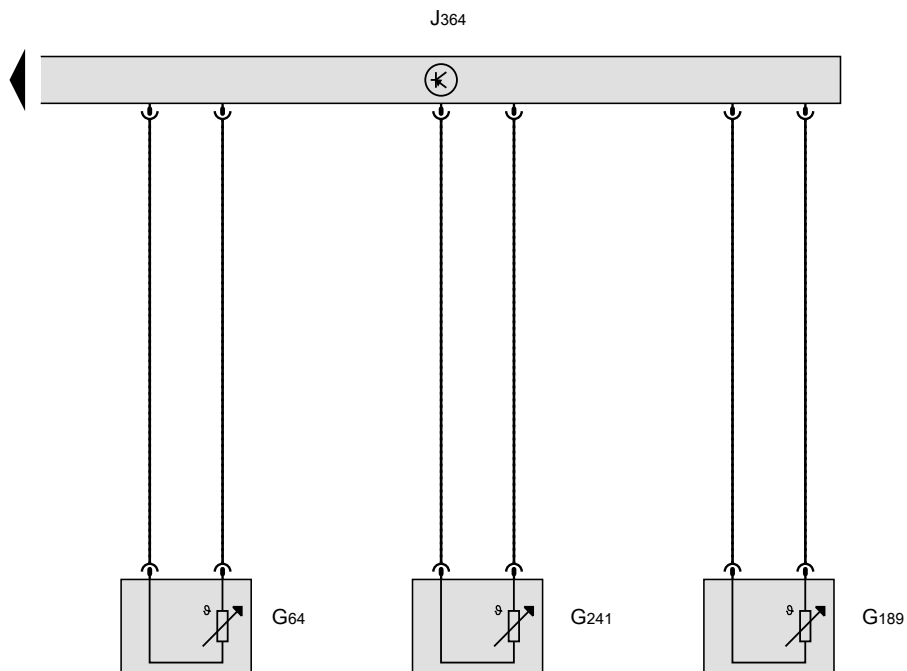
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
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 rs = pink



J235	Coolant pump relay
J255	Climatronic control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
J623	Engine control unit
T2h	2-pin connector
T16l	16-pin connector
T17a	17-pin connector
T18	18-pin connector, near engine control unit
T21	21-pin connector, on relay carrier
T94	94-pin connector
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
*	Only models with Climatronic
*2	Only models with no Climatronic
*3	From November 2011



J364	Auxiliary heater control unit
Q9	Glow plug for heater
V6	Combustion air blower
V55	Circulation pump
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
*	Only models with Climatronic
*2	From November 2011



Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

- G64 Flame monitor
- G189 Overheating sensor
- G241 Coolant temperature sender for heater
- J364 Auxiliary heater control unit

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

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

[240-033061112]

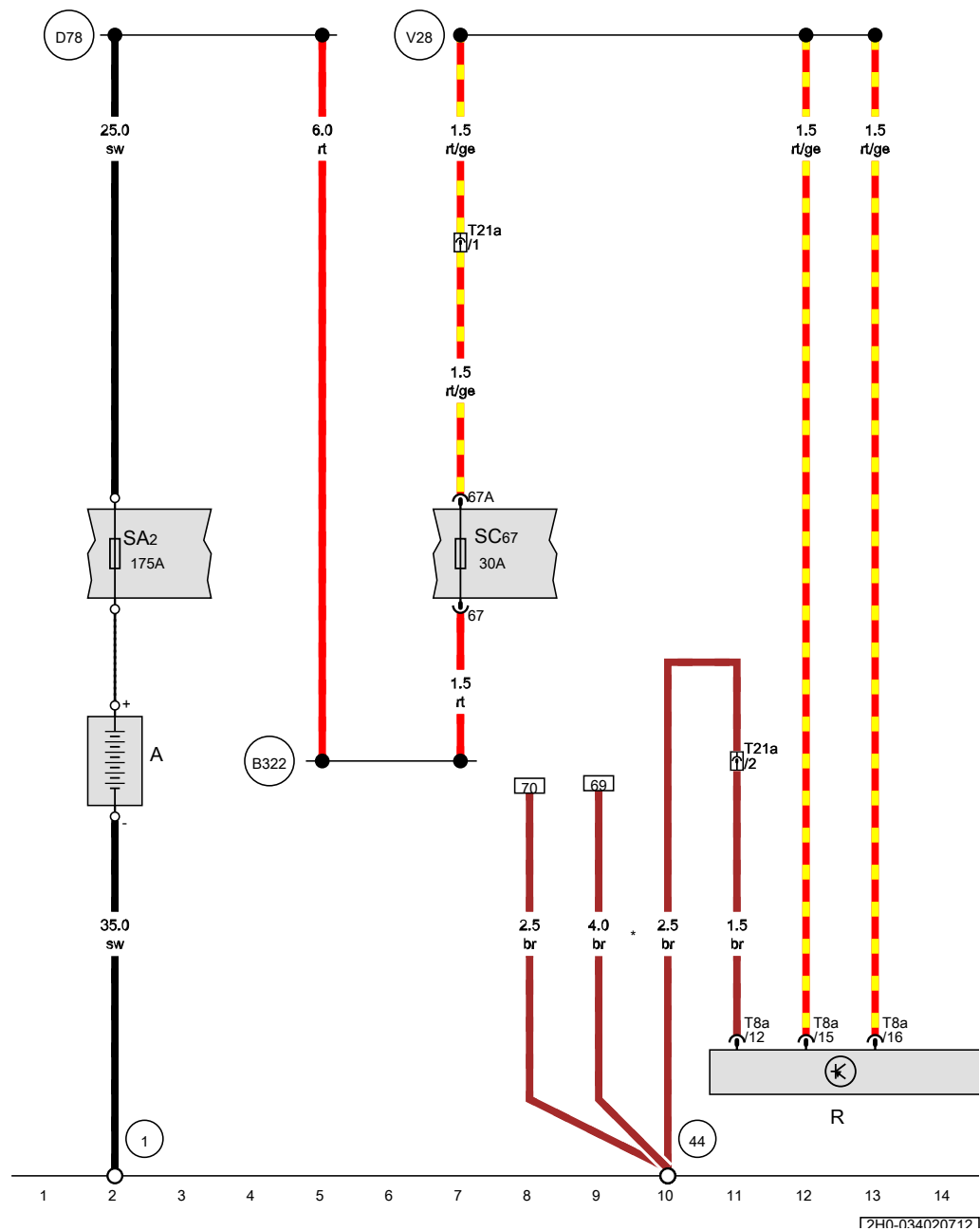
Radio system , (8UA),(8AE),(8DD),(LOR)

From December 2009

Radio, Fuse 67 on fuse holder C

- A Battery
- R Radio
- SA2 Fuse 2 in fuse holder A
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector
- T21a 21-pin connector, on relay carrier, brown

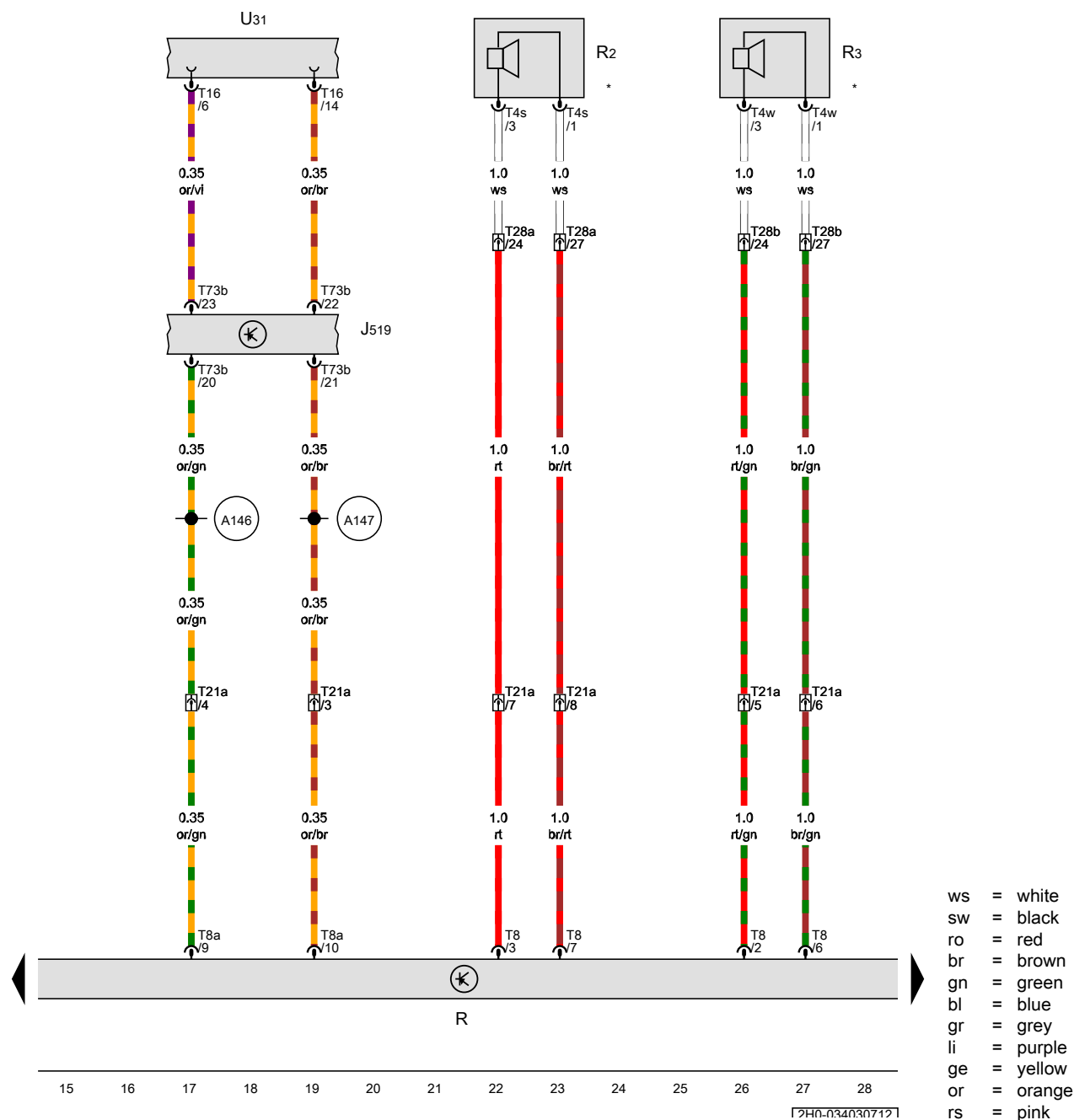
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- B322 Positive connection 8 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- V28 Connection 1, in radio wiring harness
- * From November 2011



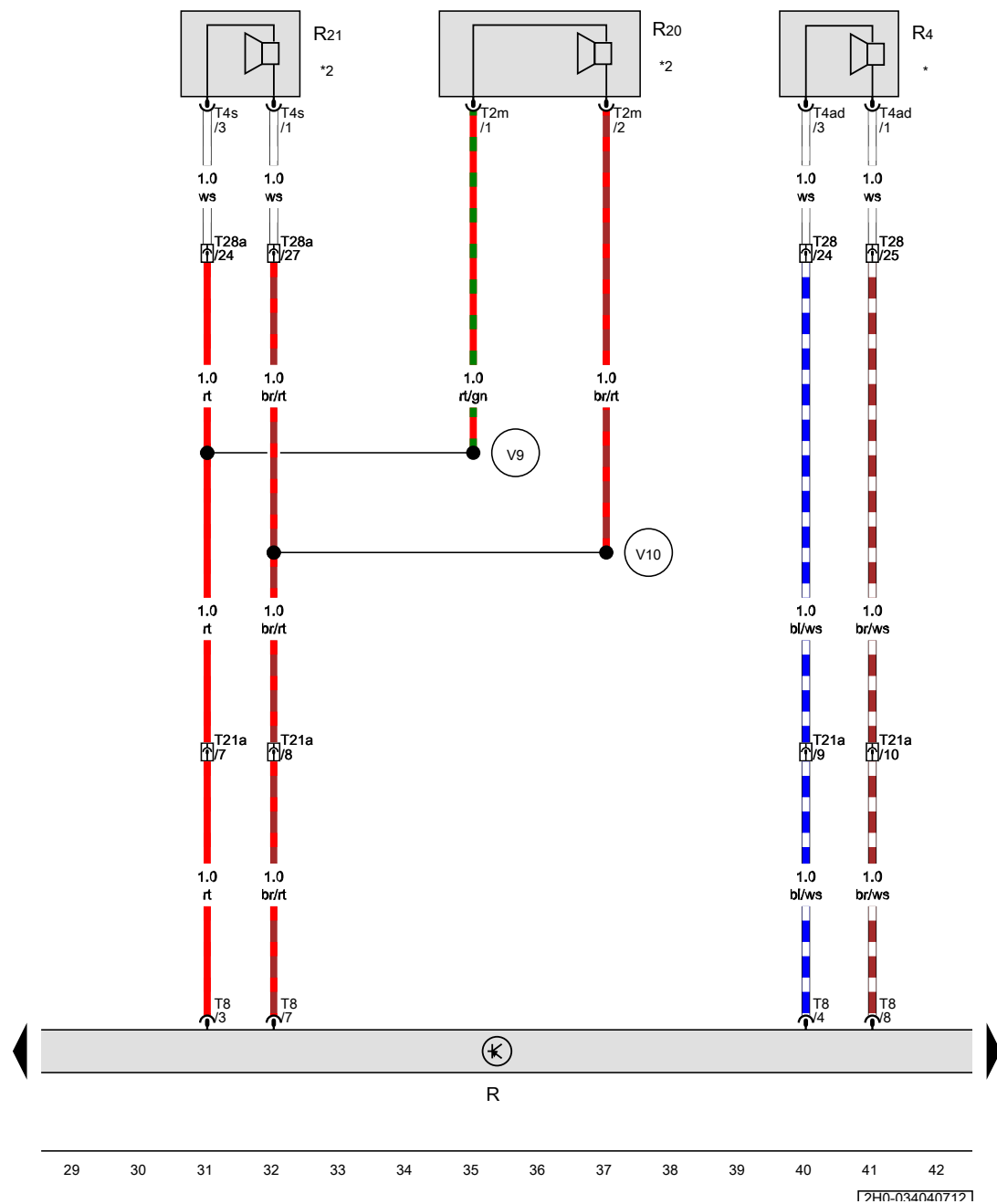
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, Front left loudspeaker, Front right loudspeaker,
Diagnostic connection

- J519 Onboard supply control unit
R Radio
R2 Front left loudspeaker
R3 Front right loudspeaker
T4s 4-pin connector
T4w 4-pin connector
T8 8-pin connector
T8a 8-pin connector
T16 16-pin connector
T21a 21-pin connector, on relay carrier, brown
T28a 28-pin connector, on left A-pillar
T28b 28-pin connector, on right A-pillar
T73b 73-pin connector
U31 Diagnostic connection, near driver side A-pillar
A146 Connection (convenience CAN bus, high), in dash panel wiring harness
A147 Connection (convenience CAN bus, low), in dash panel wiring harness
* Only models with 2 loudspeakers (8RD)



Radio, Rear left loudspeaker, Front left treble loudspeaker,
Front left bass loudspeaker

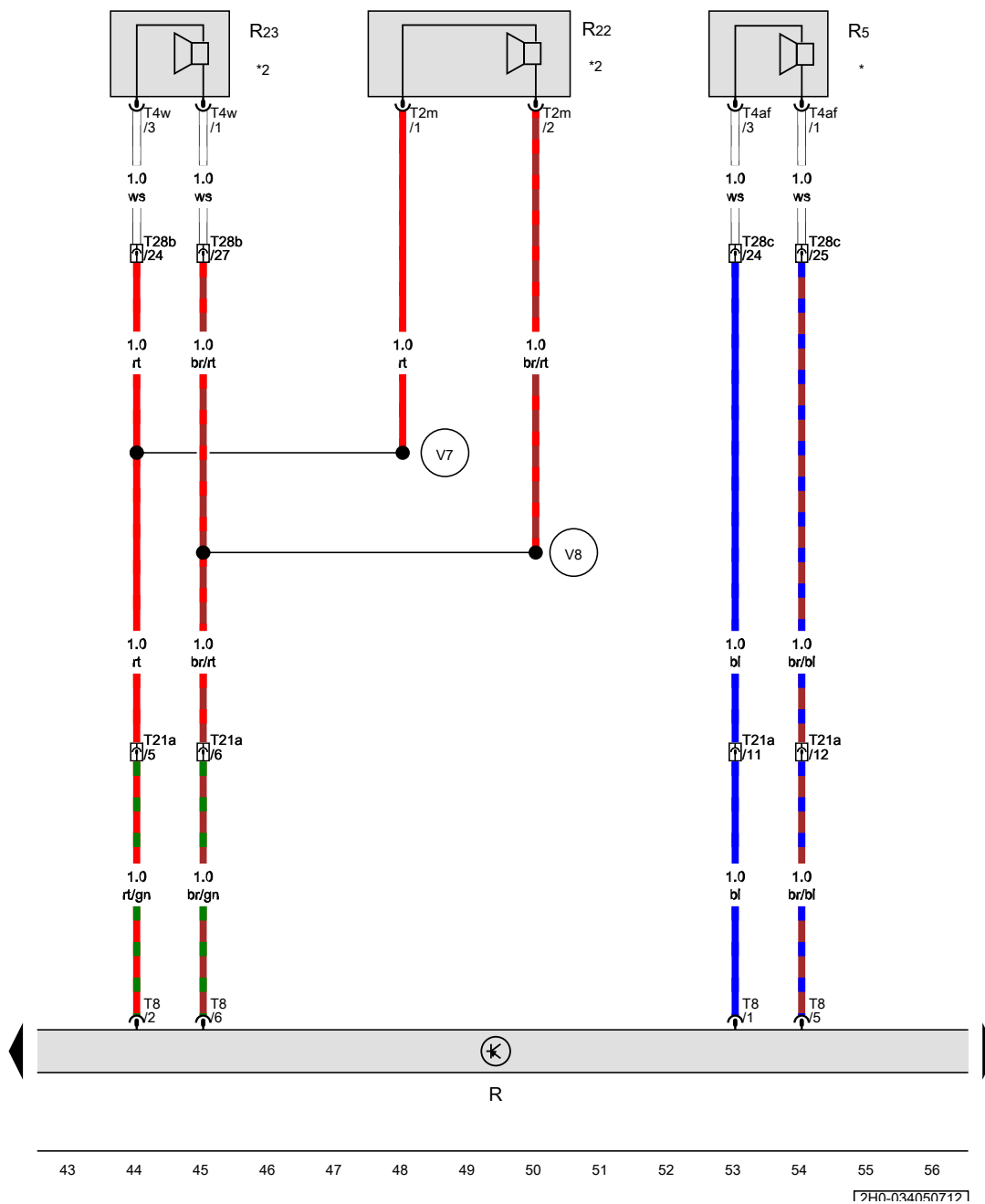


- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8 8-pin connector
- T21a 21-pin connector, on relay carrier, brown
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

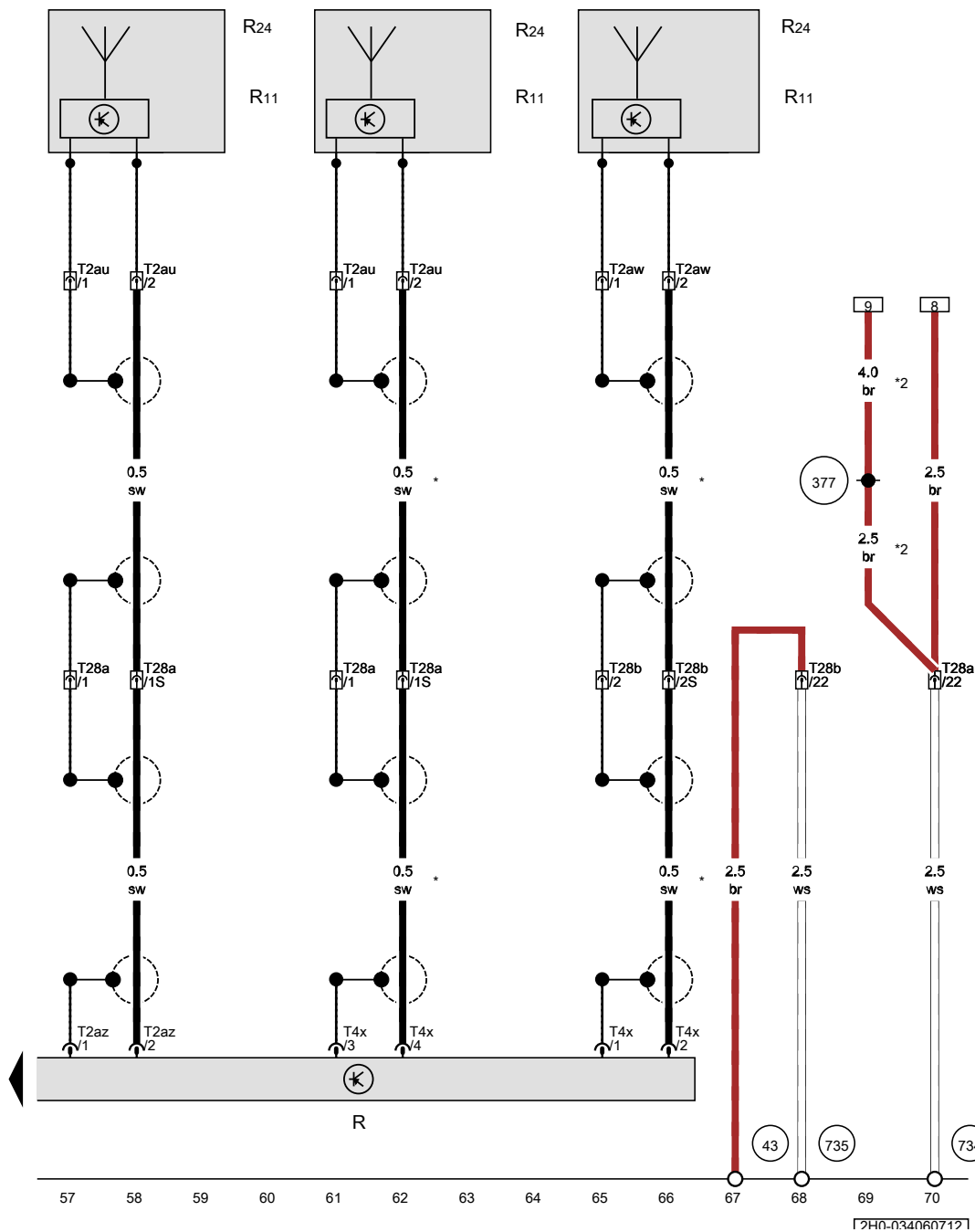
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- R Radio
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2m 2-pin connector
- T4af 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector
- T21a 21-pin connector, on relay carrier, brown
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers



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



Radio, Aerial, Aerial amplifier

- R Radio
- R11 Aerial
- R24 Aerial amplifier
- T2au 2-pin connector, in left door, near exterior mirror
- T2aw 2-pin connector, in right door, near exterior mirror
- T2az 2-pin connector
- T4x 4-pin connector
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar

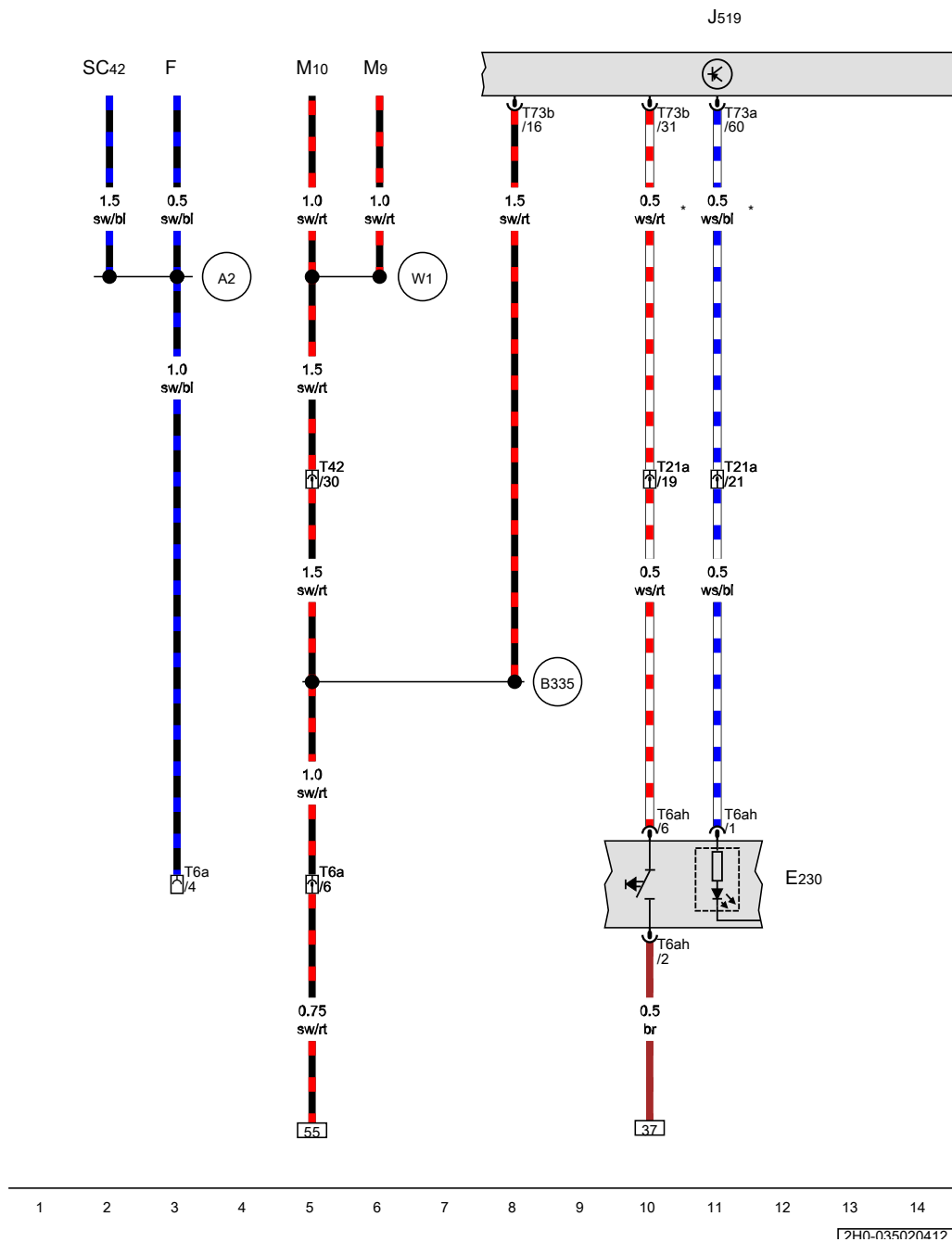
- 43 Earth point, lower part of right A-pillar
- 377 Earth connection 12, in main wiring harness
- 734 Earth point in front left door
- 735 Earth point in front right door
- * Only models with radio RCD 310/RCD 510
- *2 From November 2011

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

Hardtop

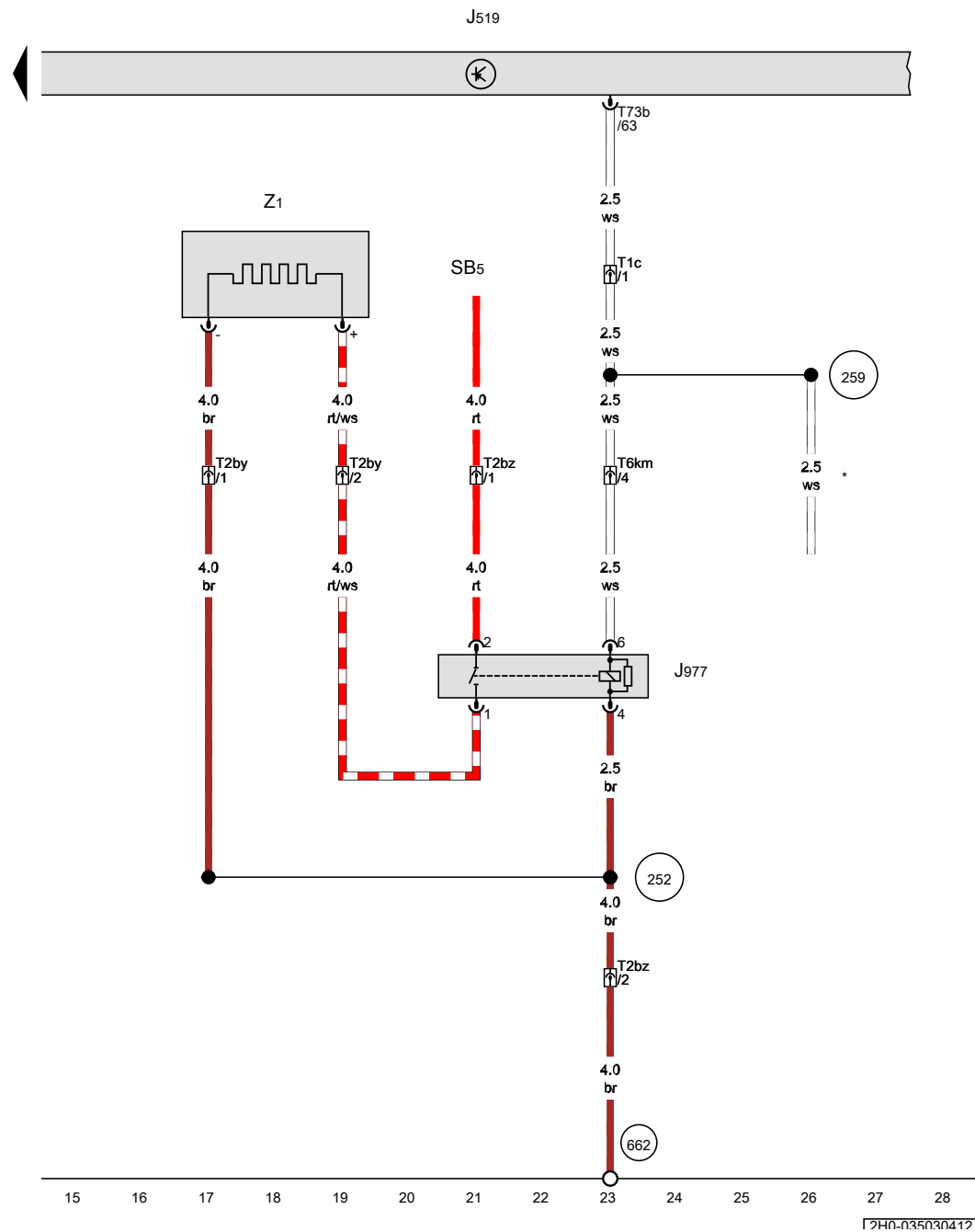
From May 2011

Heated rear window button, Brake light switch, Onboard supply control unit, Fuse 42 on fuse holder C



- E230 Heated rear window button
- F Brake light switch
- J519 Onboard supply control unit
- M9 Left brake light bulb
- M10 Right brake light bulb
- SC42 Fuse 42 on fuse holder C
- T6a 6-pin connector, on rear roof module, black
- T6ah 6-pin connector
- T21a 21-pin connector, on relay carrier, brown
- T42 42-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- A2 Positive connection (15), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- * see applicable current flow diagram for basic equipment

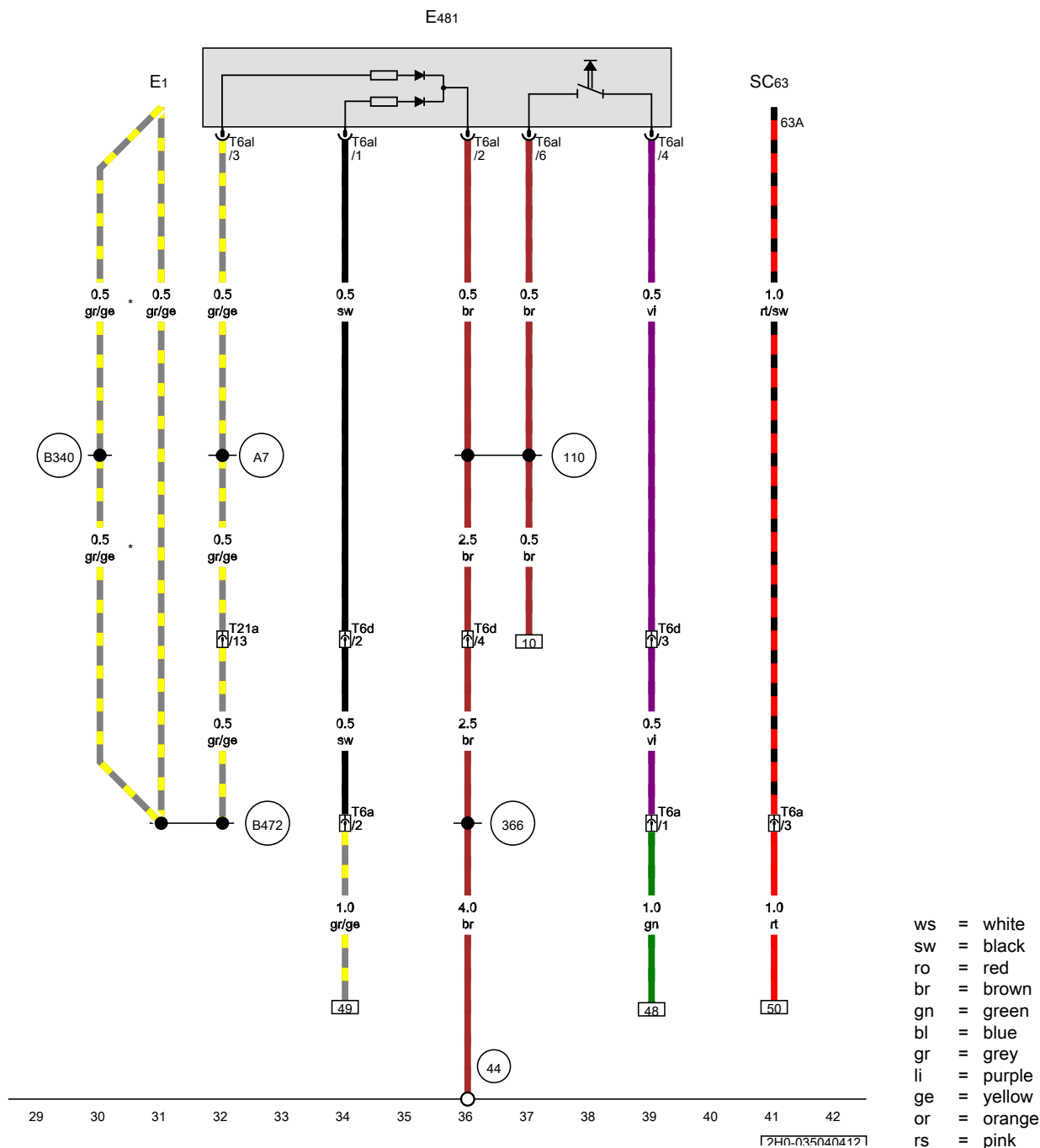
Onboard supply control unit, Terminal 30 relay, Fuse 5 on fuse holder B, Heated rear window

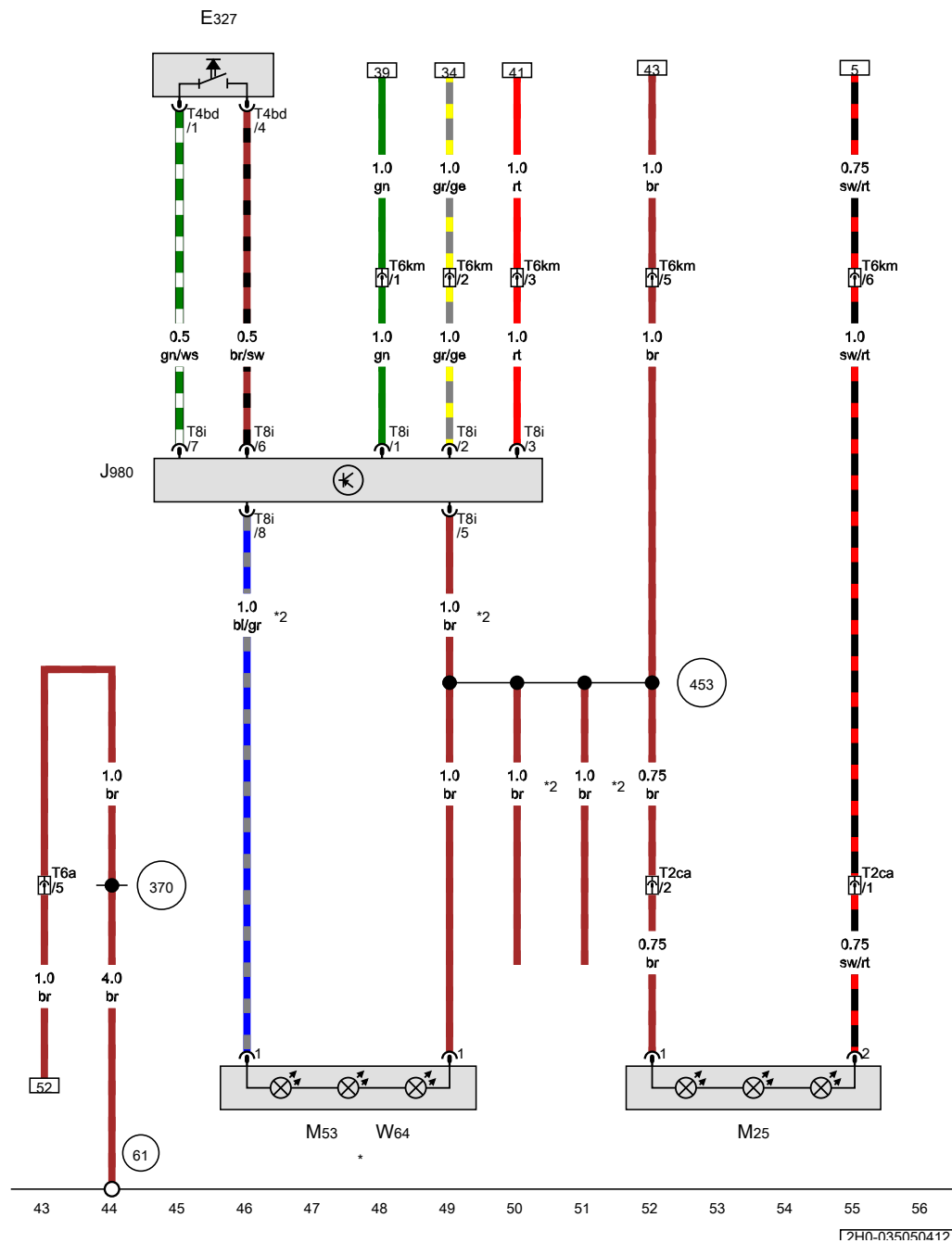


Load area illumination switch, Fuse 63 on fuse holder C

- E1 Light switch
- E481 Load area illumination switch, near radio
- SC63 Fuse 63 on fuse holder C
- T6a 6-pin connector, on rear roof module, black
- T6al 6-pin connector, blue
- T6d 6-pin connector, on relay carrier, grey
- T21a 21-pin connector, on relay carrier, brown

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- * From November 2011





Rear interior light button, Control unit for special installations, Additional brake light bulb, Load area illumination bulb

- E327 Rear interior light button, in left D-pillar
- J980 Control unit for special installations
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- T2ca 2-pin connector, Coupling point for rear lid, black
- T4bd 4-pin connector, black
- T6a 6-pin connector, on rear roof module, black
- T6km 6-pin connector, near rear lid, behind moulded headliner, black
- T8i 8-pin connector, near rear lid, behind moulded headliner
- W64 Interior light

- 61 Earth point, left C-pillar
- 370 Earth connection 5, in main wiring harness
- 453 Earth connection 3, in optional equipment wiring harness
- * If fitted
- *2 Wiring open end

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

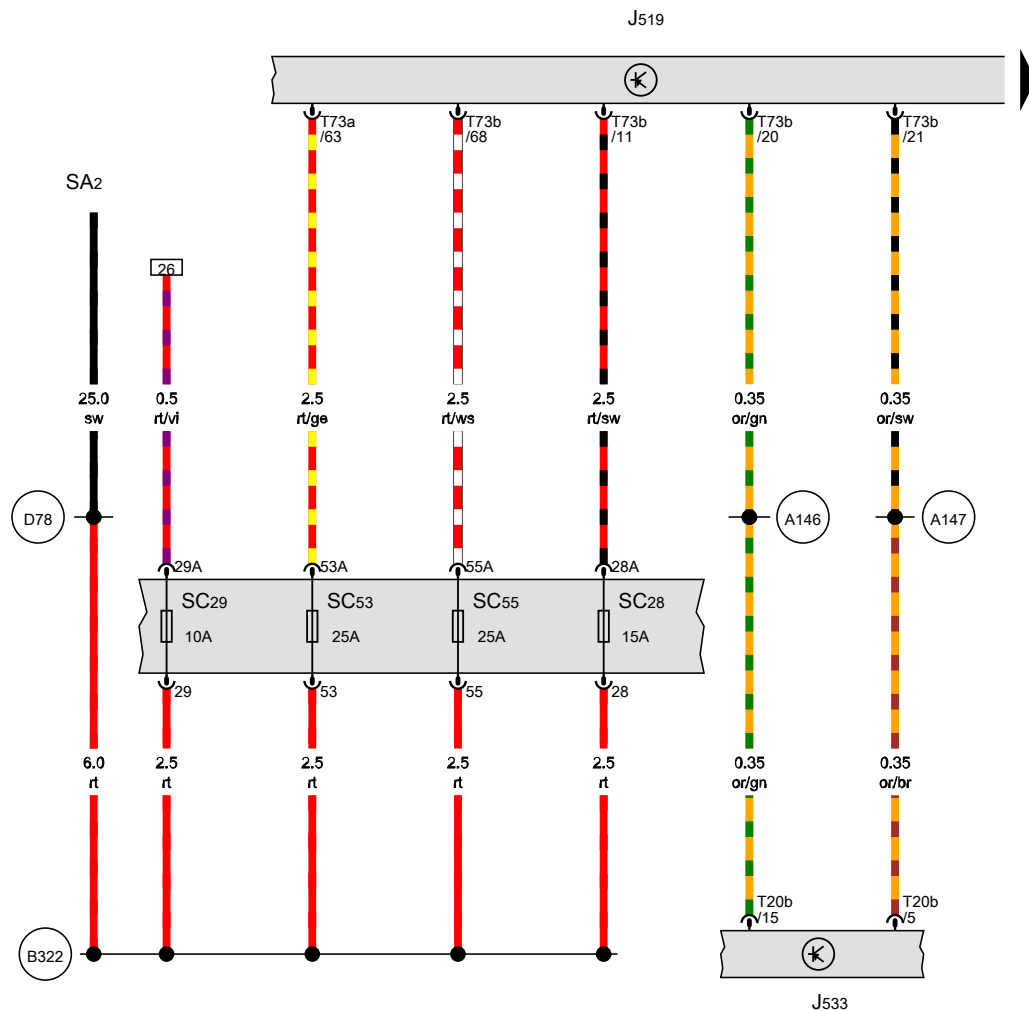
Exterior lighting , (7L6)

From May 2011

Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 SA2 Fuse 2 in fuse holder A
 SC28 Fuse 28 on fuse holder C
 SC29 Fuse 29 on fuse holder C
 SC53 Fuse 53 on fuse holder C
 SC55 Fuse 55 on fuse holder C
 T20b 20-pin connector
 T73a 73-pin connector, black
 T73b 73-pin connector

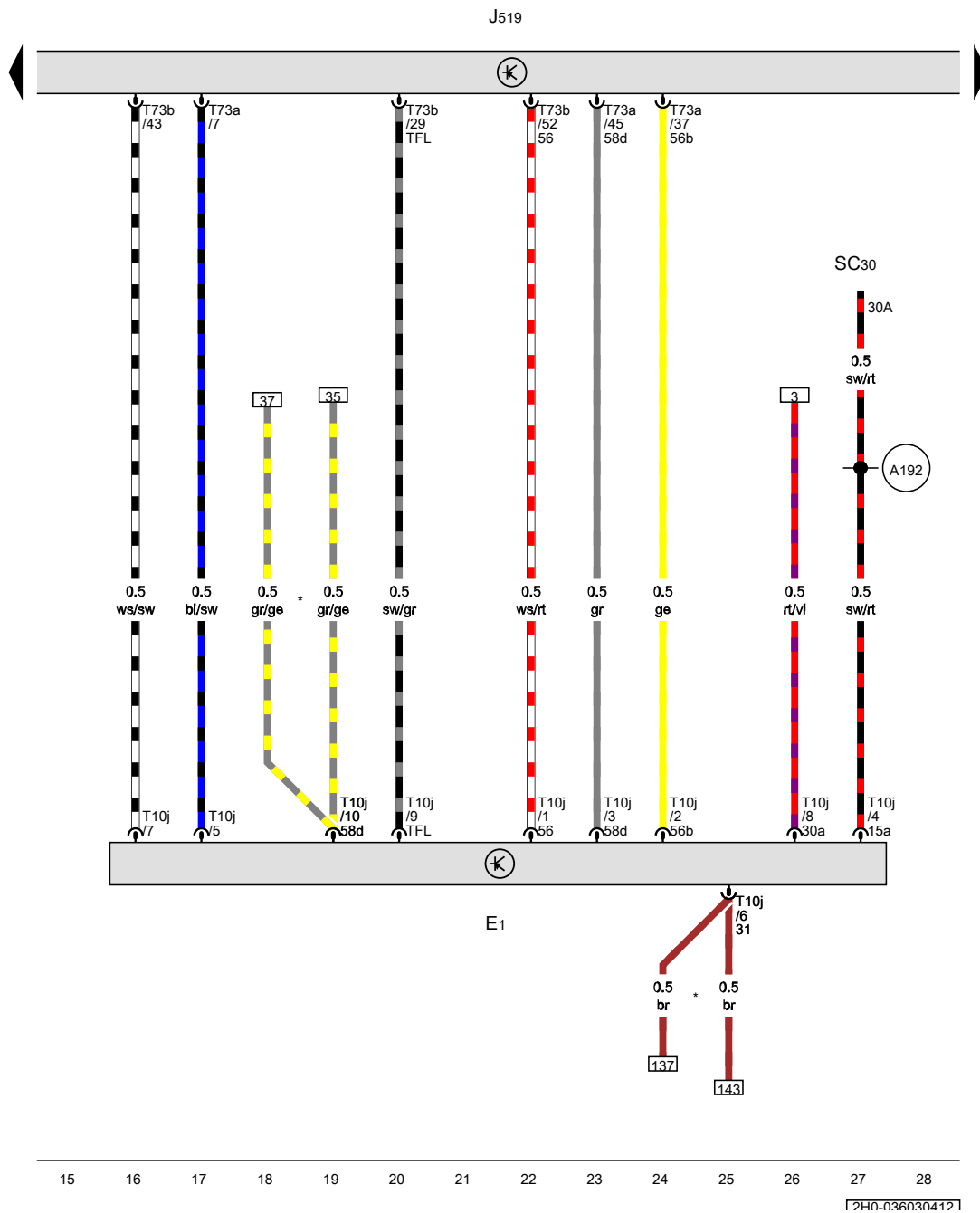
A146 Connection (convenience CAN bus, high), in dash panel wiring harness
 A147 Connection (convenience CAN bus, low), in dash panel wiring harness
 B322 Positive connection 8 (30a) in main wiring harness
 D78 Positive connection 1 (30a), in engine compartment wiring harness



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

Light switch, Onboard supply control unit

- E1 Light switch
- J519 Onboard supply control unit
- SC30 Fuse 30 on fuse holder C
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector
- A192 Positive connection 3 (15a) in dash panel wiring harness
- * From November 2011



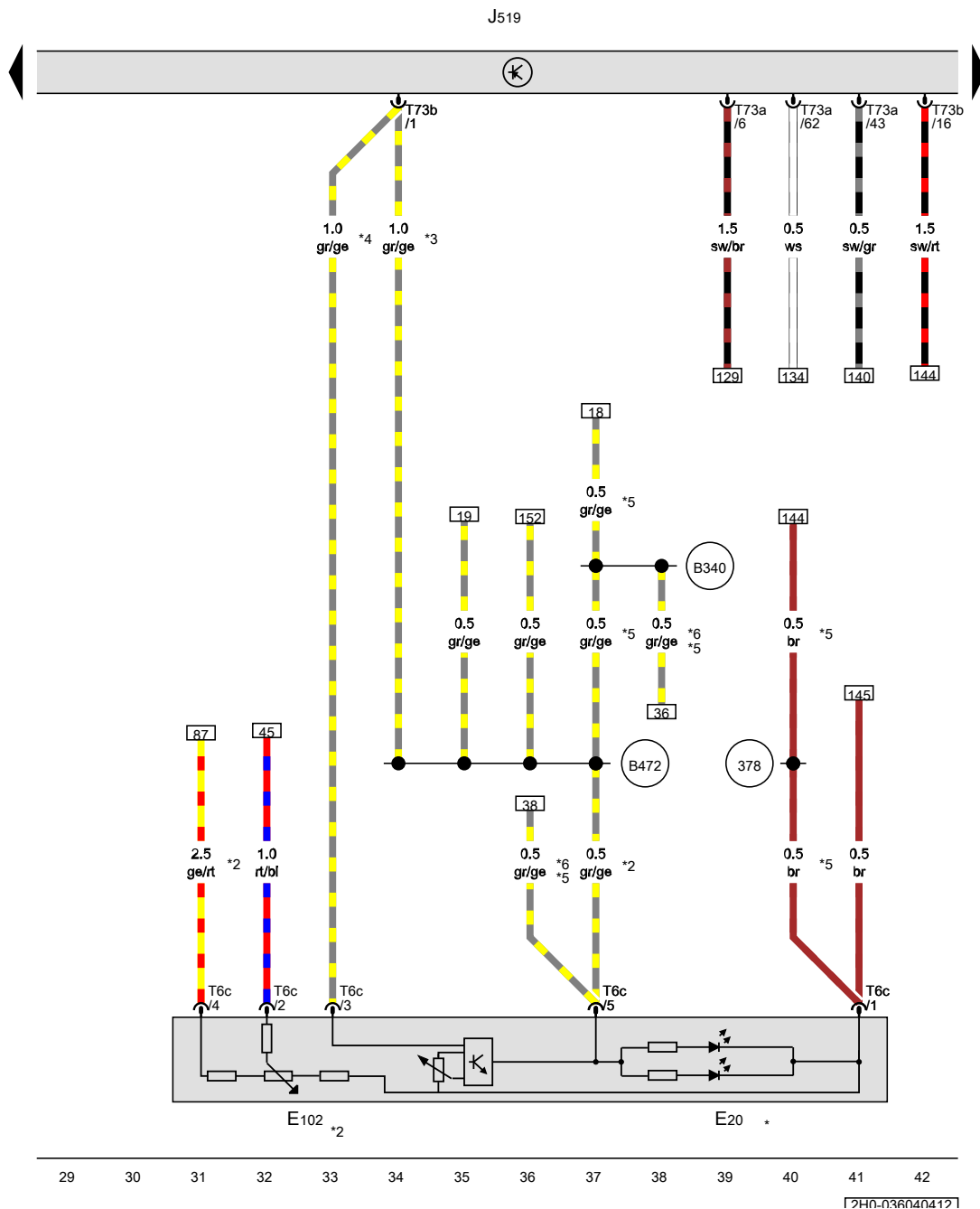
Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- T6c 6-pin connector
- T73a 73-pin connector, black
- T73b 73-pin connector

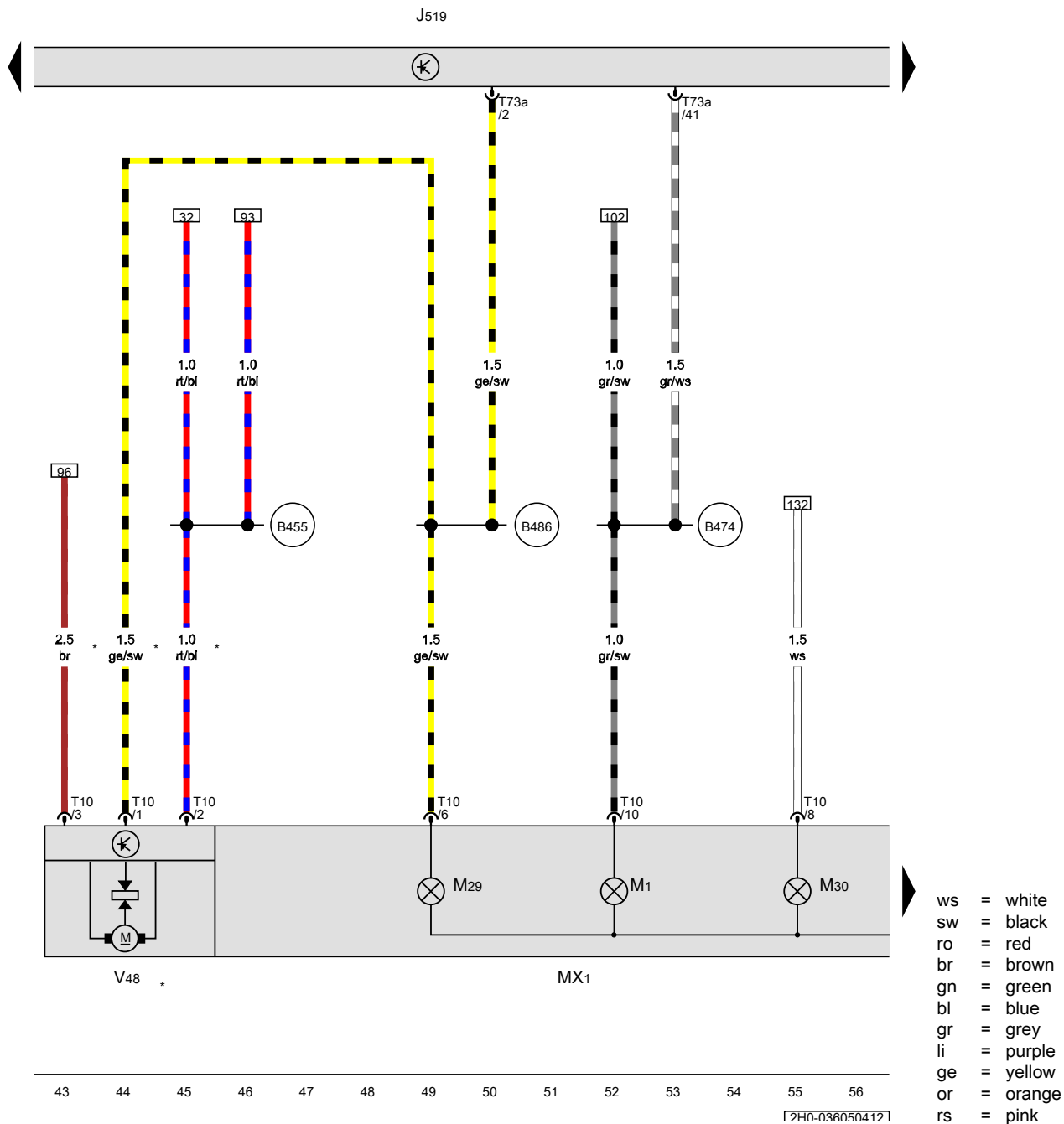
- 378 Earth connection 13, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness

- * Only models with dimmable instrument illumination
- *2 Only models with headlight range control
- *3 Only models with Trendline equipment
- *4 Only models with Highline equipment
- *5 From November 2011
- *6 Only models with basic equipment

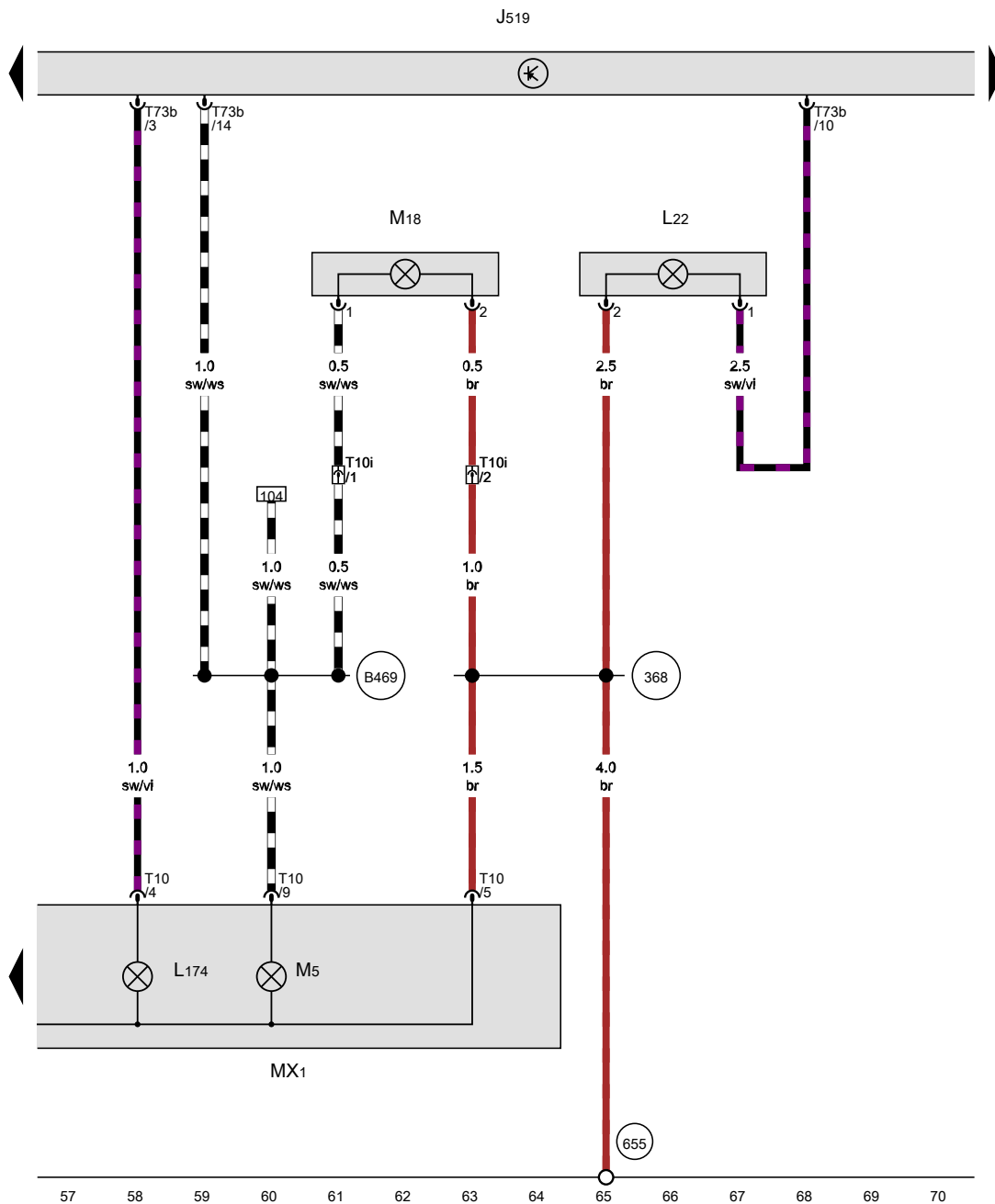
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Onboard supply control unit, Front left headlight



J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control



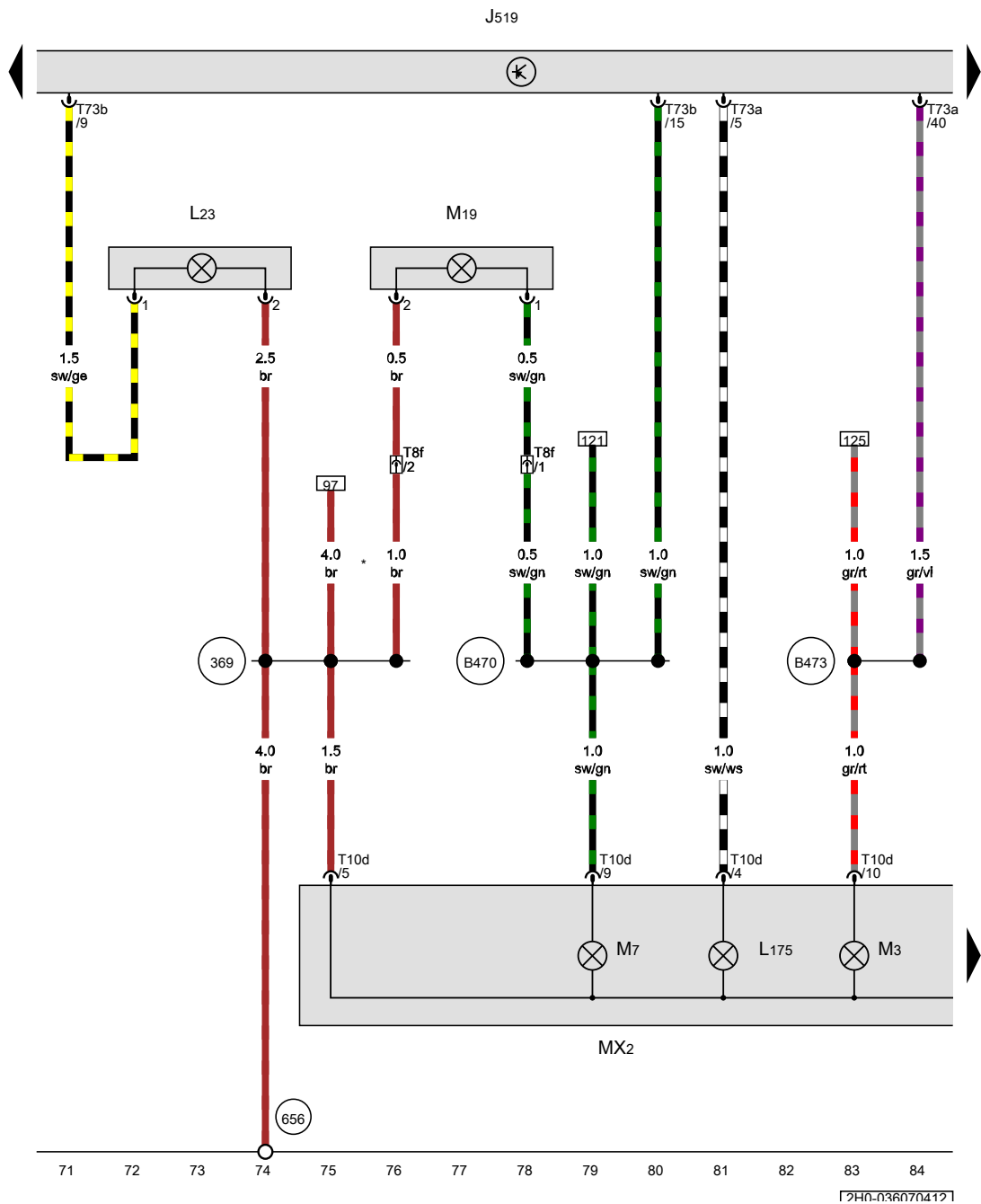
Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- T10 10-pin connector, black
- T10i 10-pin connector, black
- T73b 73-pin connector

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight, on left on bulkhead
- B469 Connection 5, in main wiring harness

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

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Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10d 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector

369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight, on right on bulkhead

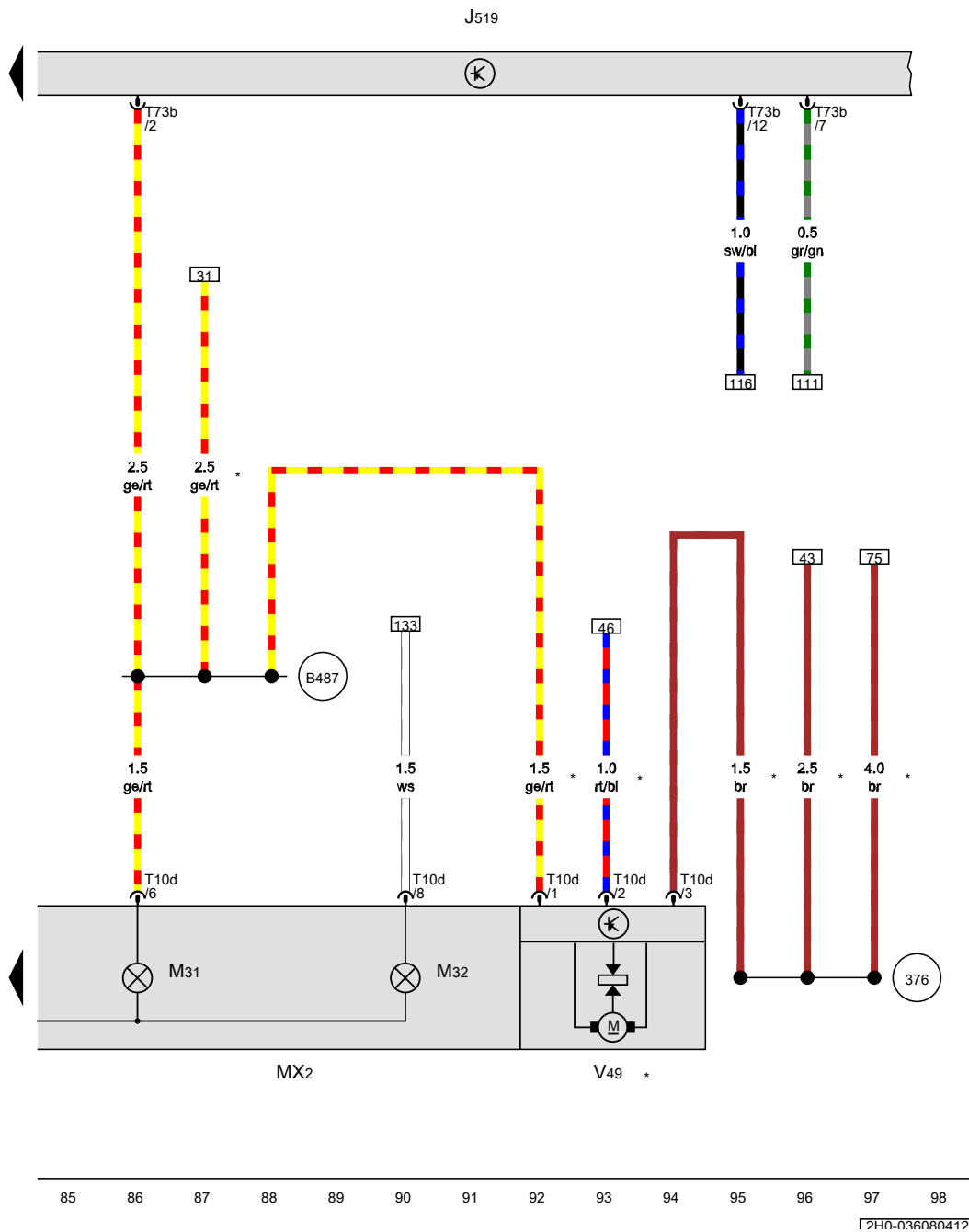
B470 Connection 6, in main wiring harness

B473 Connection 9, in main wiring harness

* Only models with headlight range control

Onboard supply control unit, Front right headlight

- J519 Onboard supply control unit
 MX2 Front right headlight
 M31 Right headlight dipped beam bulb
 M32 Right headlight main beam bulb
 T10d 10-pin connector, black
 T73b 73-pin connector
 V49 Right headlight range control motor
 376 Earth connection 11, in main wiring harness
 B487 Connection 23, in main wiring harness
 * Only models with headlight range control



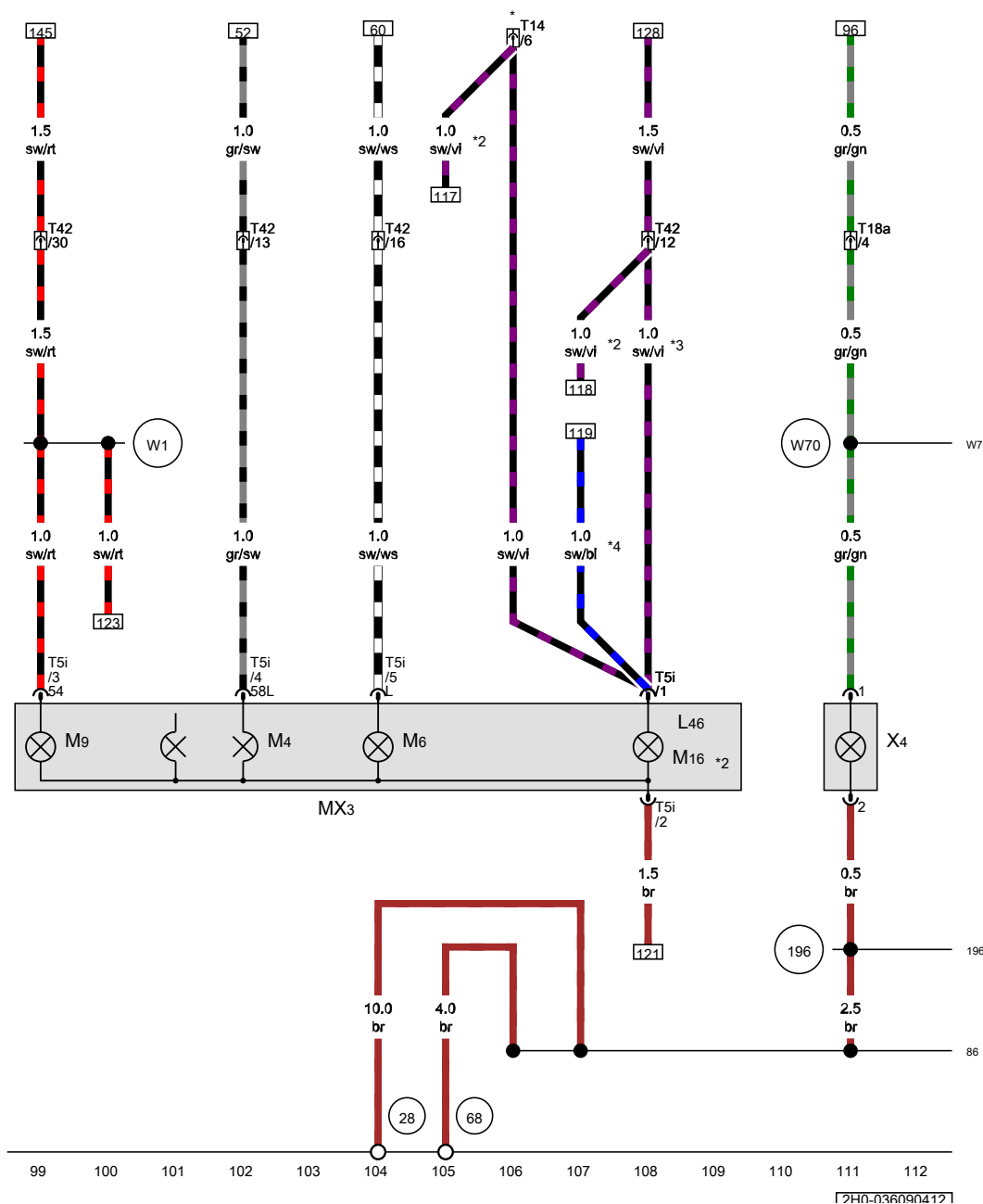
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

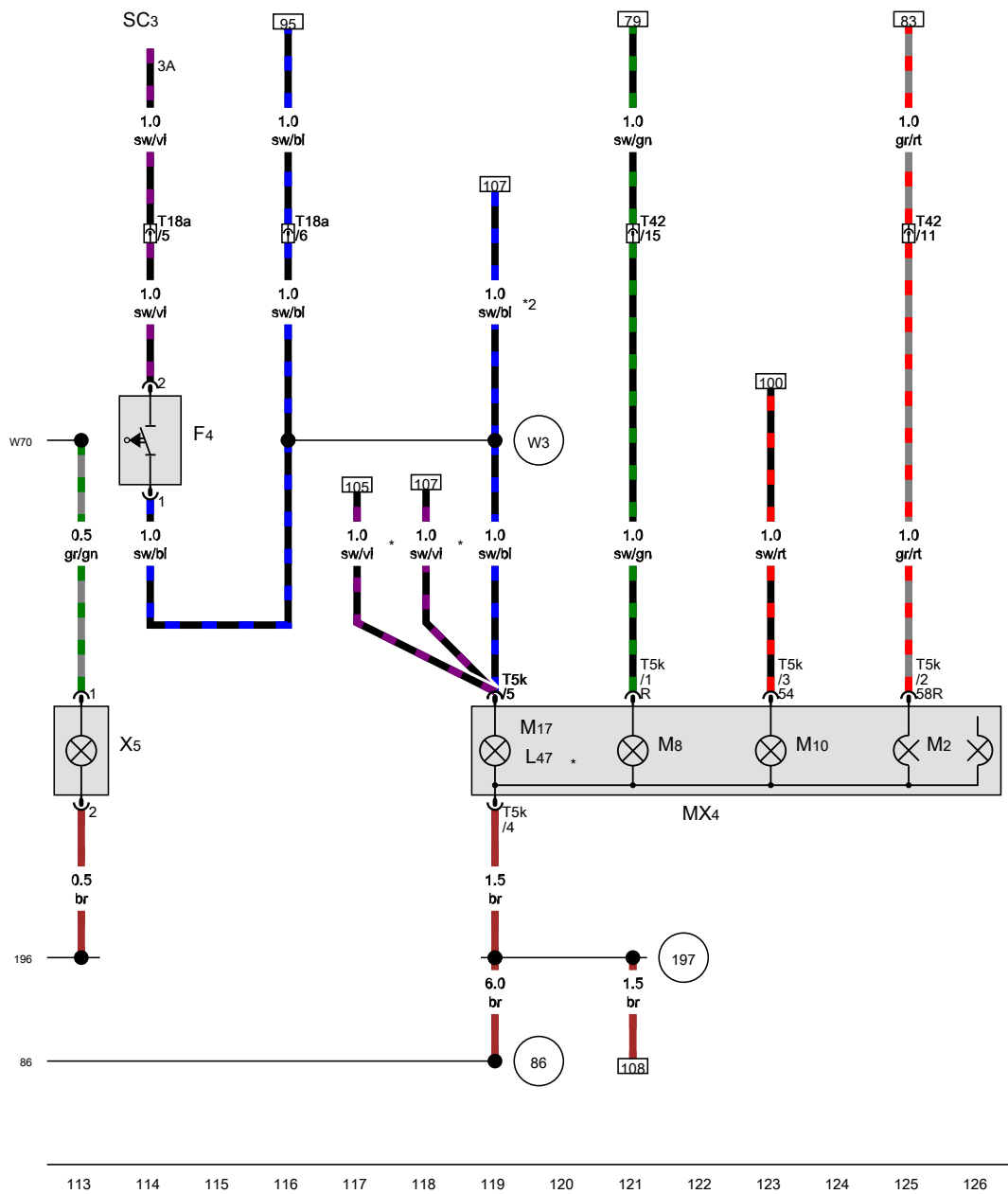
Left tail light, Left number plate light

- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector
- T14 14-pin connector, behind rear bumper on left
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- X4 Left number plate light

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only models with no rear fog light





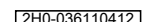
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Reversing light switch, Right tail light, Right number plate light

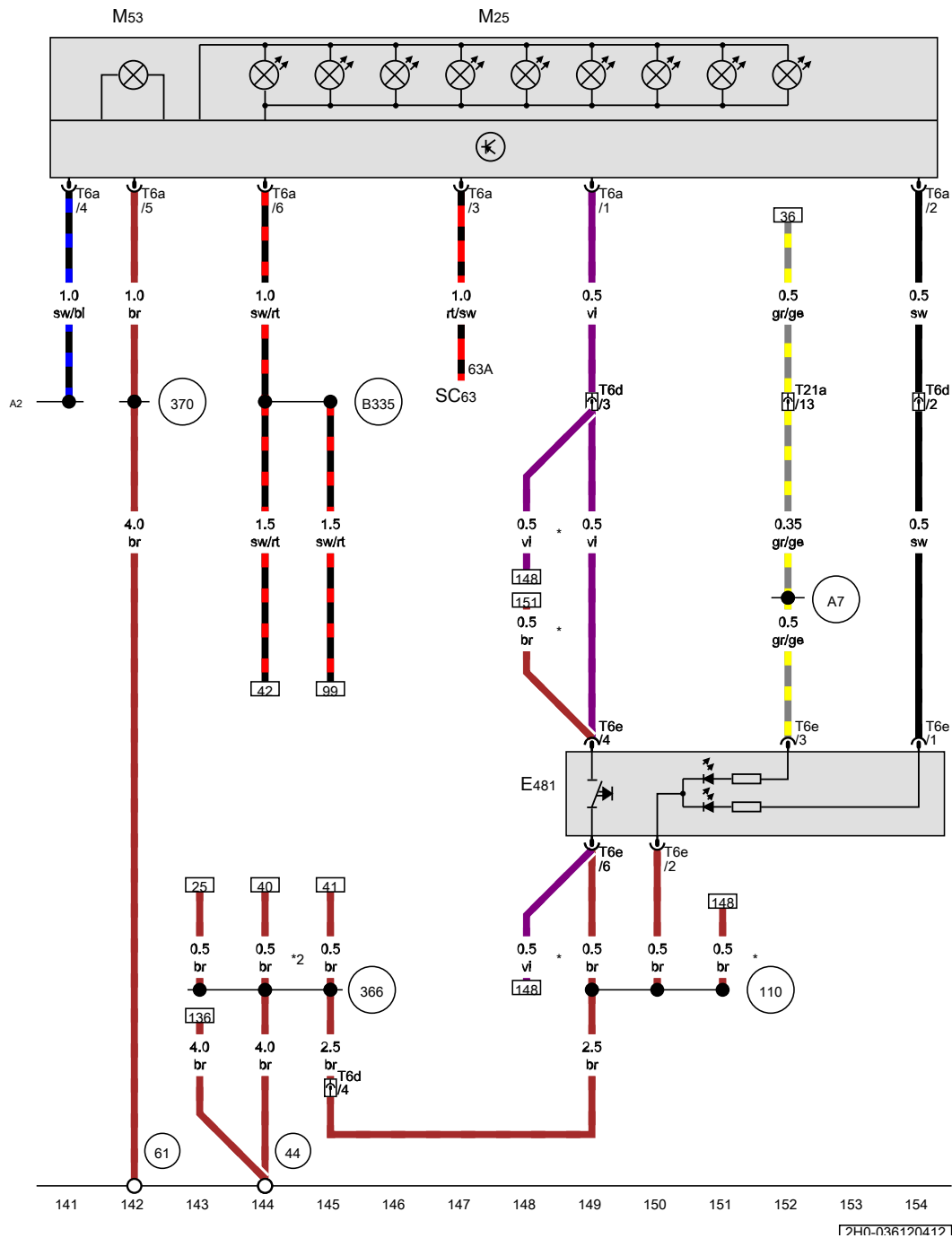
- F4 Reversing light switch
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- SC3 Fuse 3 on fuse holder C
- T5k 5-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- X5 Right number plate light

- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only right-hand drive models
- *2 Only models with no rear fog light



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



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

**Load area illumination switch, Additional brake light bulb,
Load area illumination bulb**

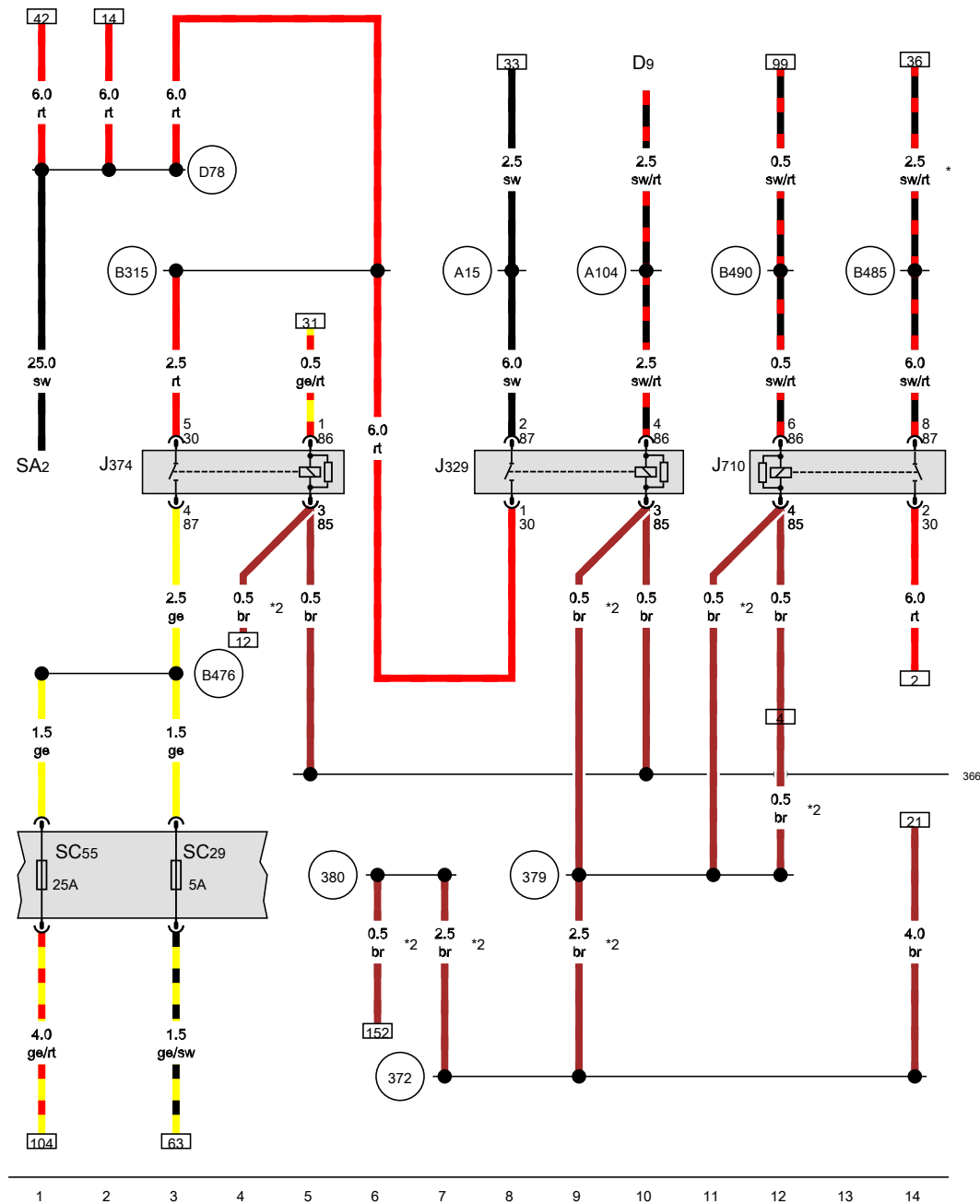
E481	Load area illumination switch, near radio
M25	Additional brake light bulb
M53	Load area illumination bulb
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector, black
T6d	6-pin connector, on relay carrier
T6e	6-pin connector
T21a	21-pin connector, on relay carrier, brown

- 44 Earth point, lower part of left A-pillar
- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

* Only right-hand drive models
*2 From November 2011

Exterior lighting , (7L3)

From May 2011



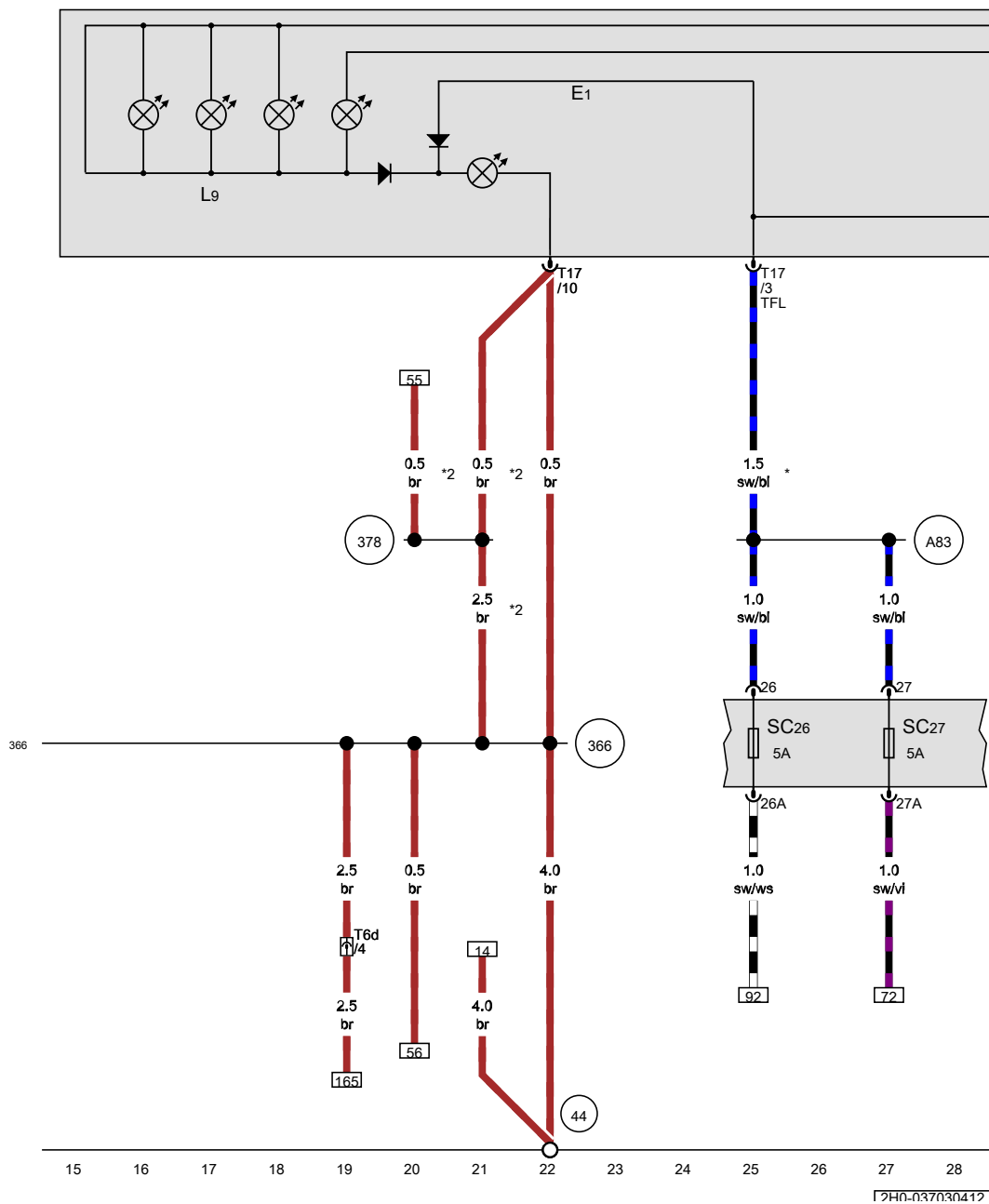
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Electronic ignition lock, Terminal 15 voltage supply relay, Terminal 58b relief relay, Voltage supply relay 2, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- J374 Terminal 58b relief relay
- J710 Voltage supply relay 2
- SA2 Fuse 2 in fuse holder A
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B476 Connection 12, in main wiring harness
- B485 Connection 21, in main wiring harness
- B490 Connection 26, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

* Only models with fog lights
 *2 From November 2011

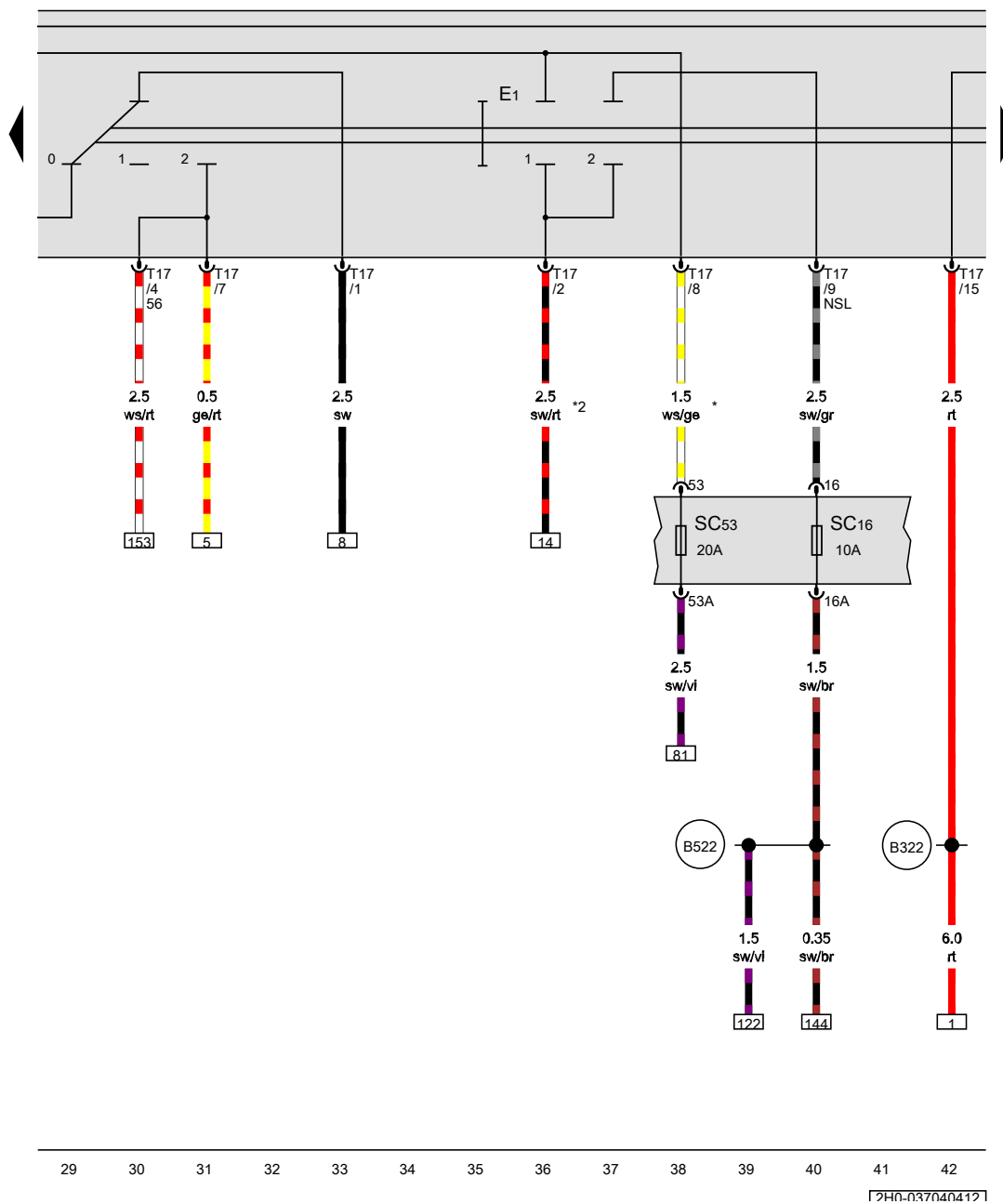
Light switch, Light switch illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C



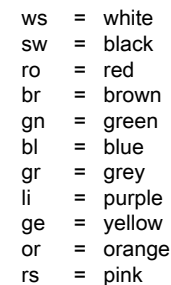
- E1 Light switch
- L9 Light switch illumination bulb
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T6d 6-pin connector
- T17 17-pin connector
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- A83 Connection (daytime running lights), in dash panel wiring harness
- * Only models with daytime running lights
- *2 From November 2011

Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C

- E1 Light switch
- SC16 Fuse 16 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T17 17-pin connector
- B322 Positive connection 8 (30a) in main wiring harness
- B522 Connection (FL), in main wiring harness
- * Only models with no fog lights but with multifunction display
- *2 Only models with fog lights



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

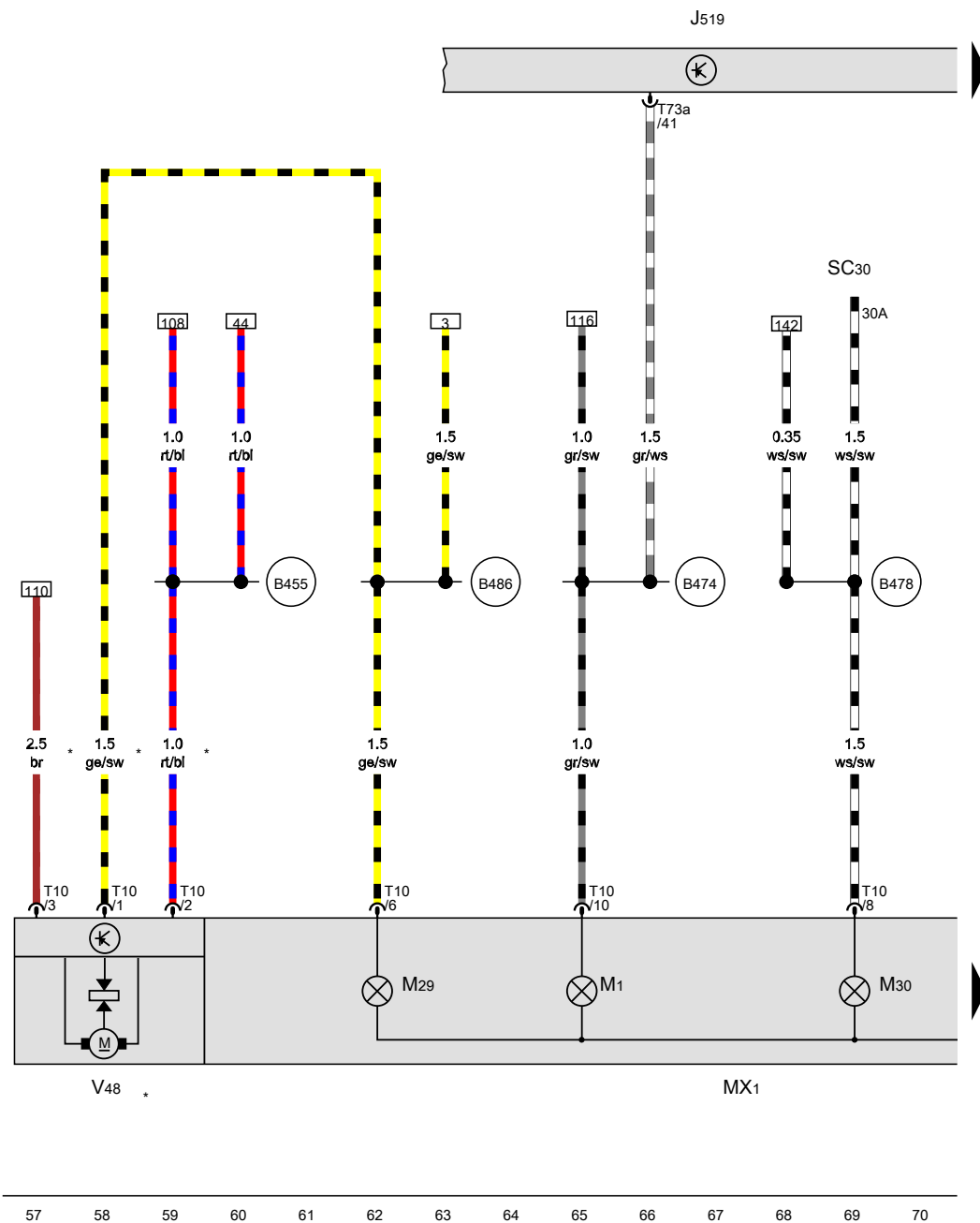


- * Only models with headlight range control
- *2 Only models with dimmable instrument illumination
- *3 Only models with Highline equipment
- *4 Only models with no dimmable instrument illumination
- *5 Only models with Trendline equipment
- *6 Only models with basic equipment
- *7 From November 2011

Front left headlight

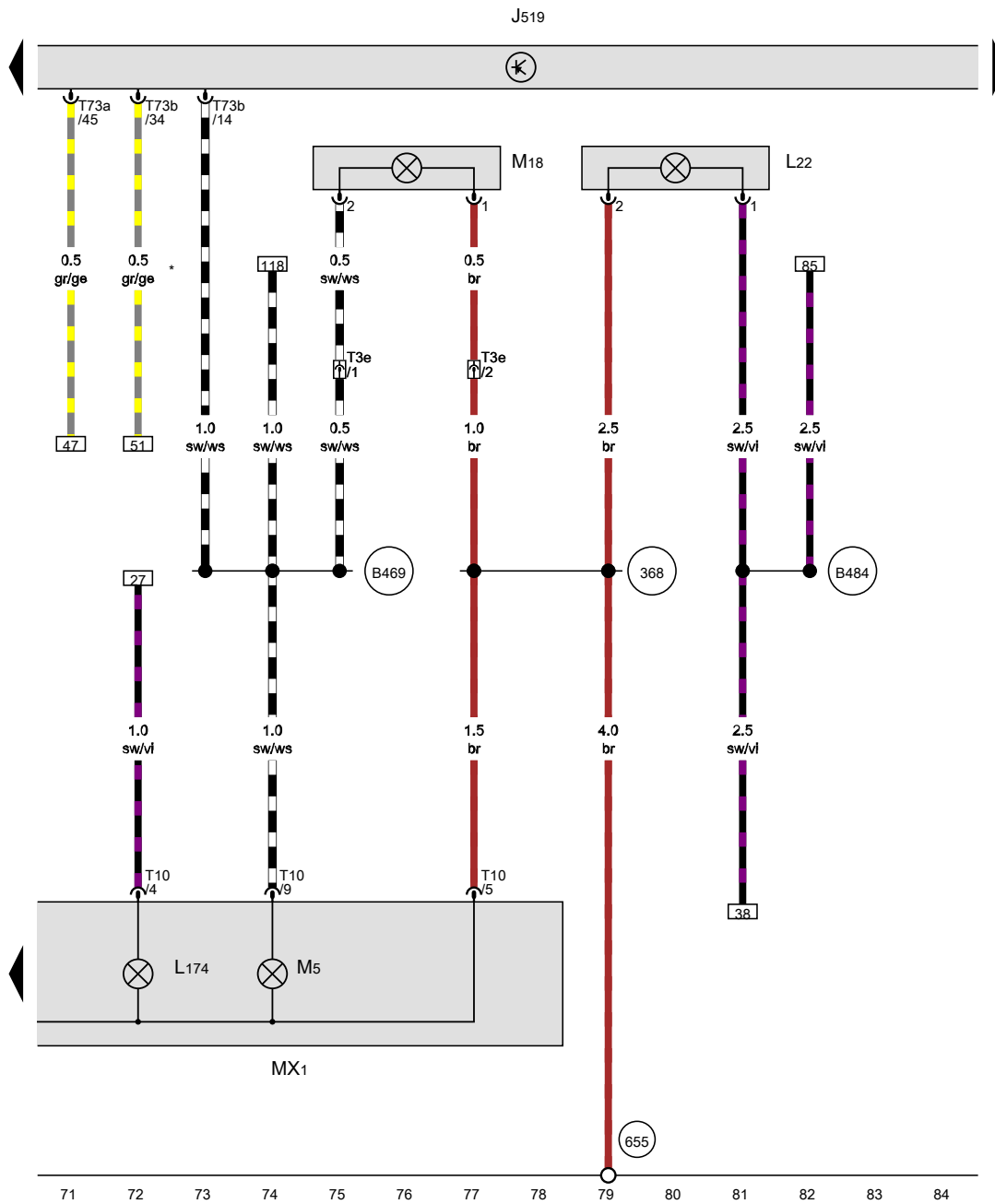
- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- T73a 73-pin connector
- V48 Left headlight range control motor

- (B455) Connection (HRC), in main wiring harness
- (B474) Connection 10, in main wiring harness
- (B478) Connection 14, in main wiring harness
- (B486) Connection 22, in main wiring harness
- * Only models with headlight range control



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

1740-0370604121



Left fog light bulb, Front left headlight, Left turn signal repeater bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- T3e 3-pin connector, in rear left of engine compartment, black
- T10 10-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

368 Earth connection 3, in main wiring harness

655 Earth point, on left headlight, on left on bulkhead

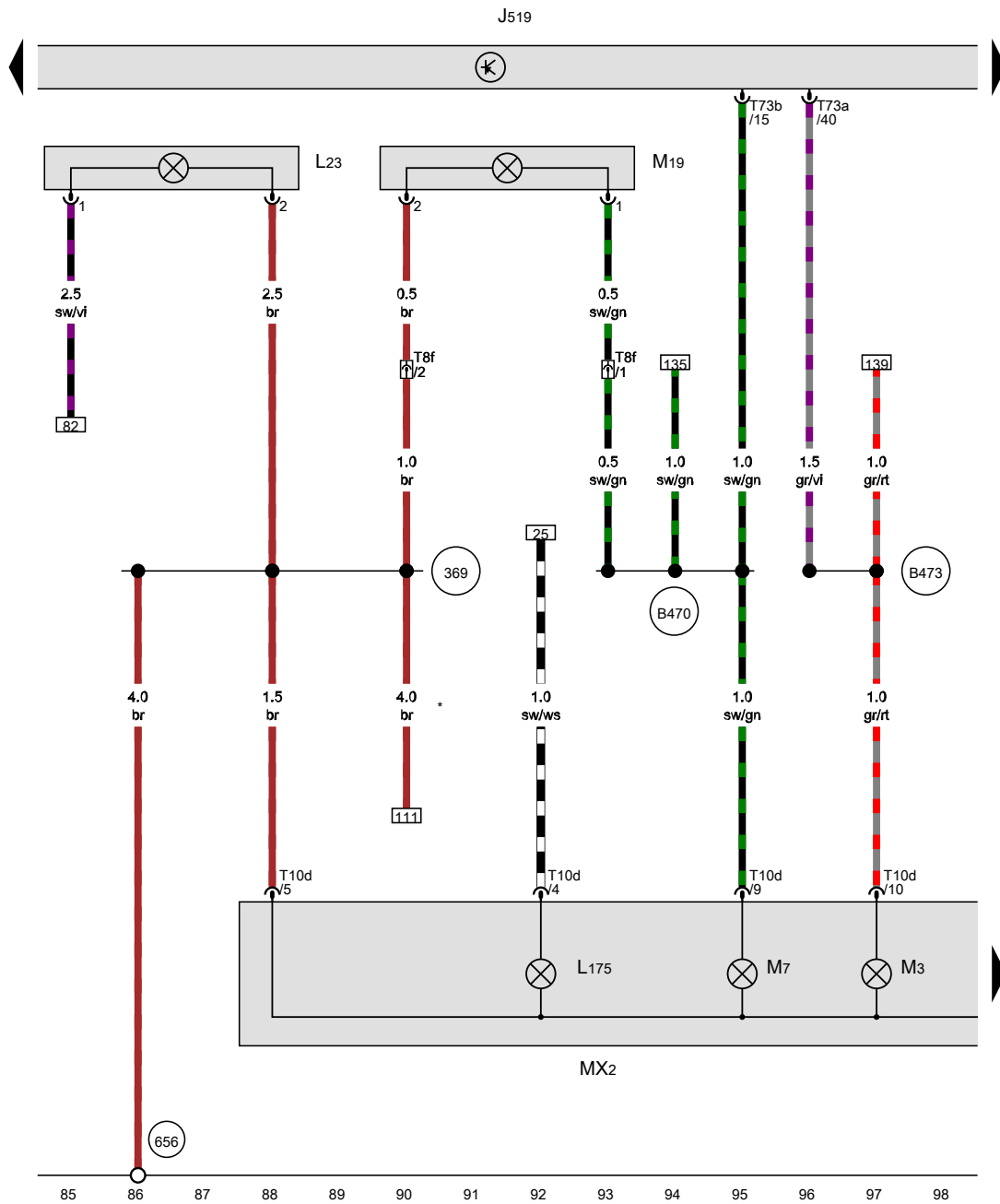
B469 Connection 5, in main wiring harness

B484 Connection 20, in main wiring harness

* Only models with Highline equipment

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

12H0-0370704121



Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10d 10-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight, on right on bulkhead

B470 Connection 6, in main wiring harness

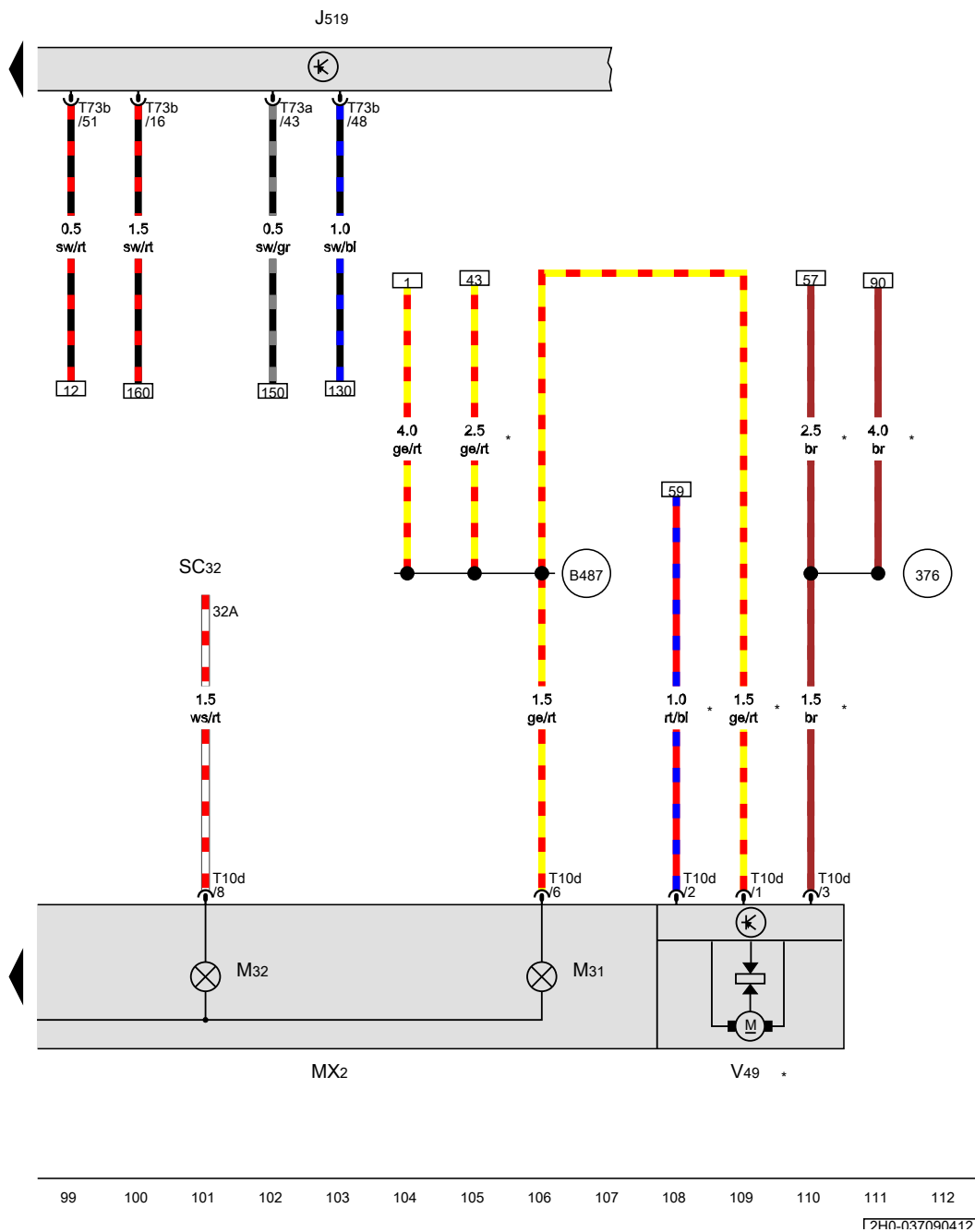
B473 Connection 9, in main wiring harness

* Only models with headlight range control

*2 Only models with Highline equipment

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

17H0-0370804121



Front right headlight, Fuse 32 on fuse holder C

- J519 Onboard supply control unit
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- T10d 10-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V49 Right headlight range control motor

- 376 Earth connection 11, in main wiring harness
- B487 Connection 23, in main wiring harness
- * Only models with headlight range control

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

Left tail light, Left number plate light

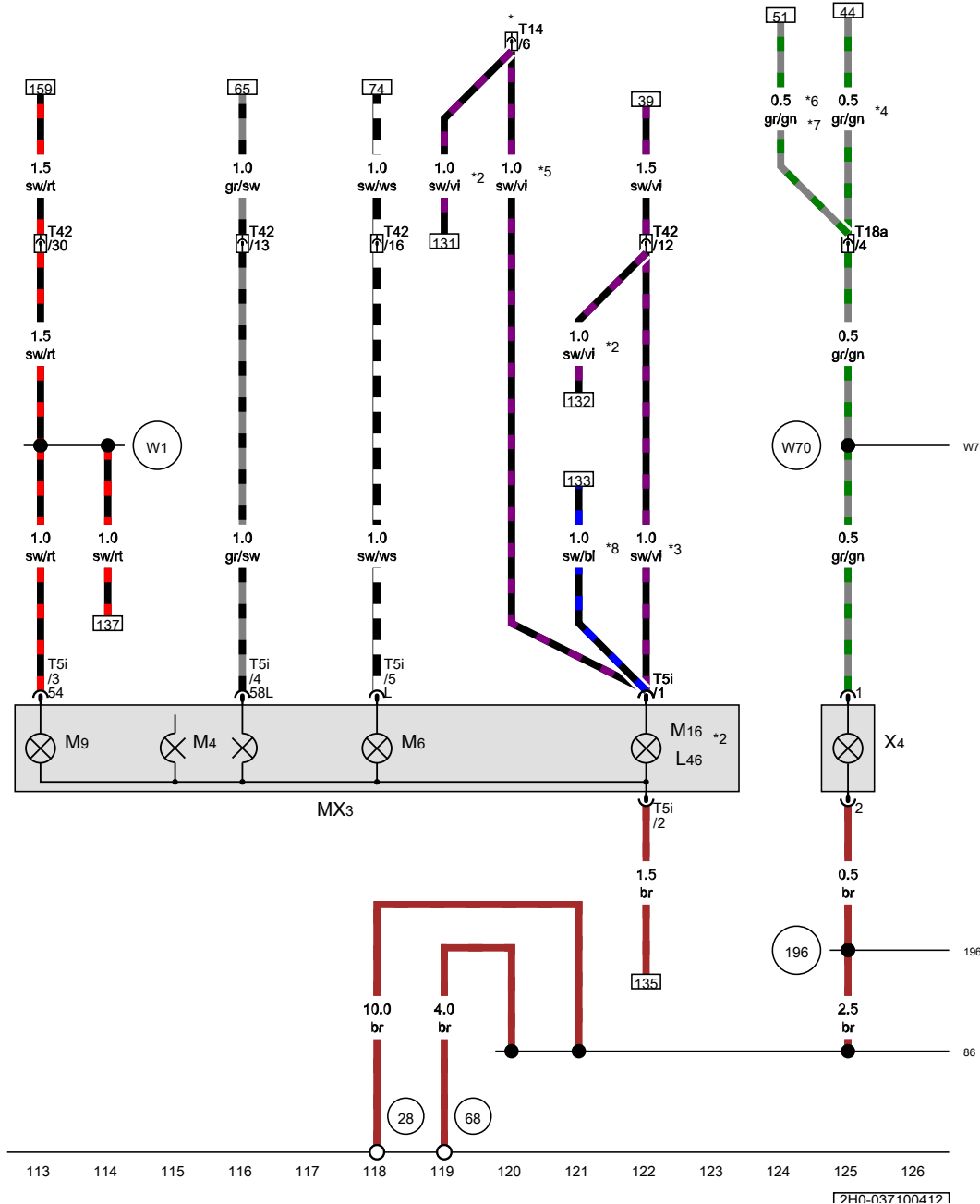
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector
- T14 14-pin connector, behind rear bumper on left, black
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- X4 Left number plate light

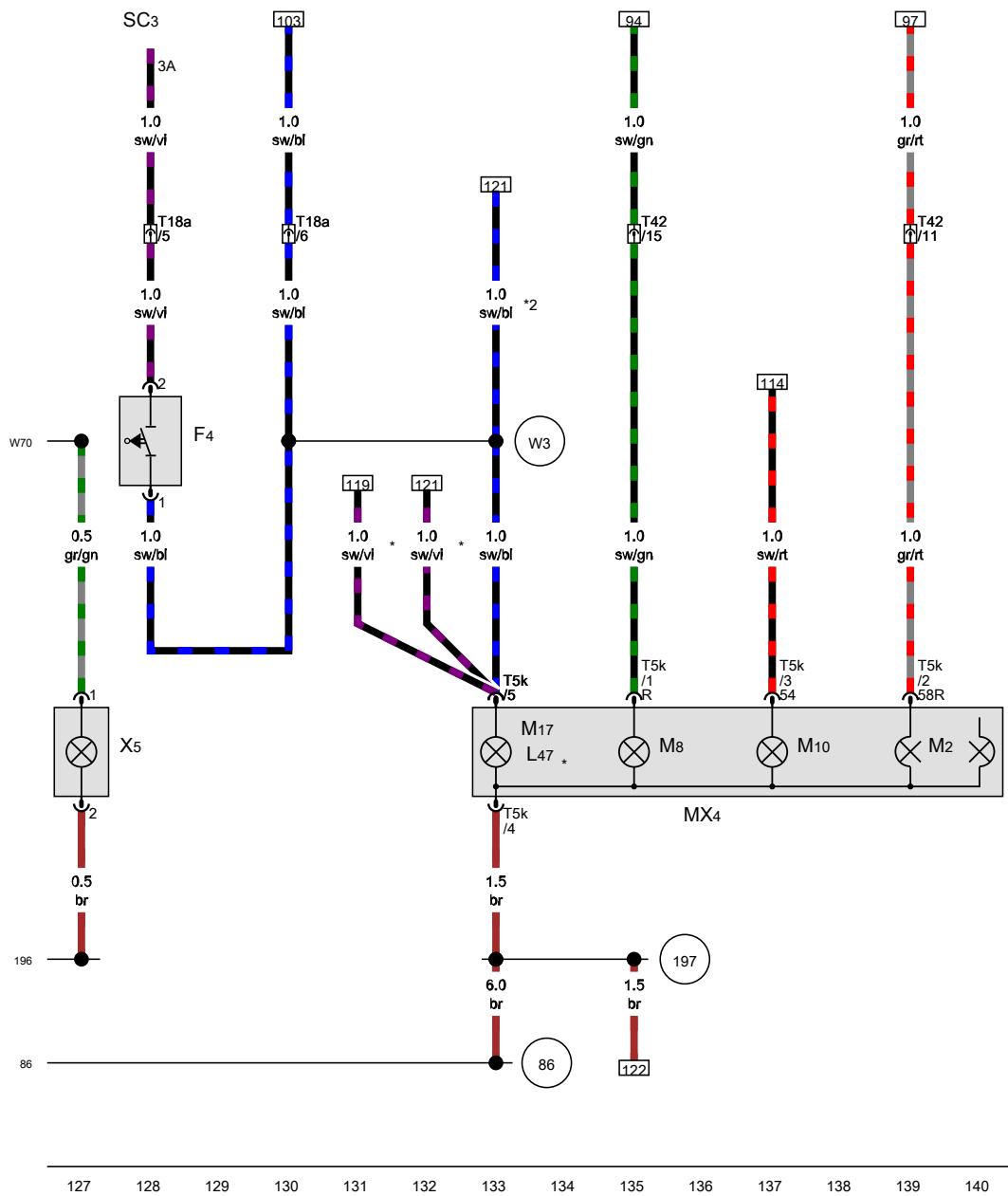
- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

* see applicable current flow diagram for preparation for trailer coupling

- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only models with Highline equipment
- *5 Only left-hand drive models
- *6 Only models with Trendline equipment
- *7 Only models with basic equipment
- *8 Only models with no rear fog light

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





Reversing light switch, Right tail light, Right number plate light

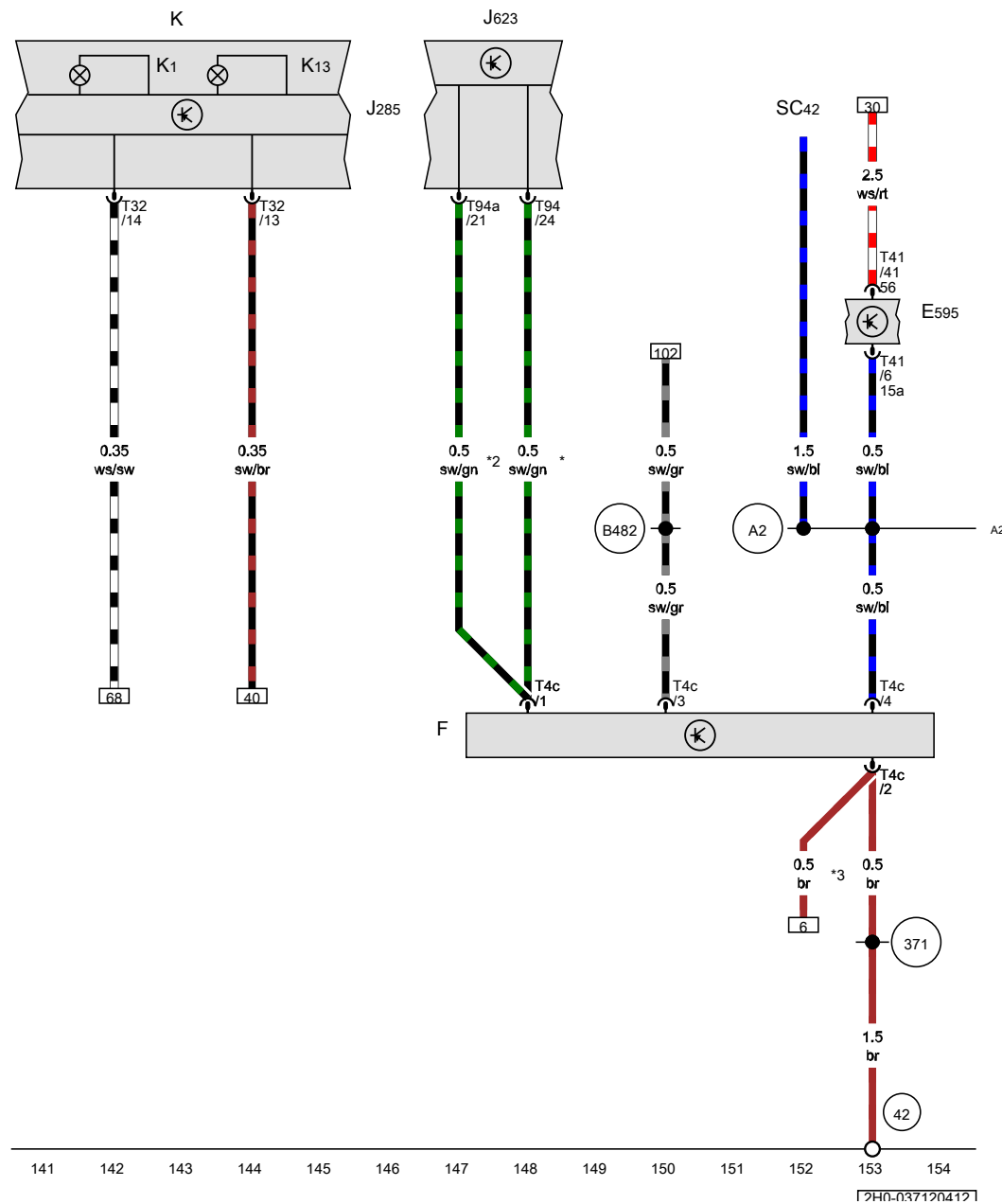
- F4 Reversing light switch
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- SC3 Fuse 3 on fuse holder C
- T5k 5-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, near handbrake lever, black
- X5 Right number plate light

- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only right-hand drive models
- *2 Only models with no rear fog light

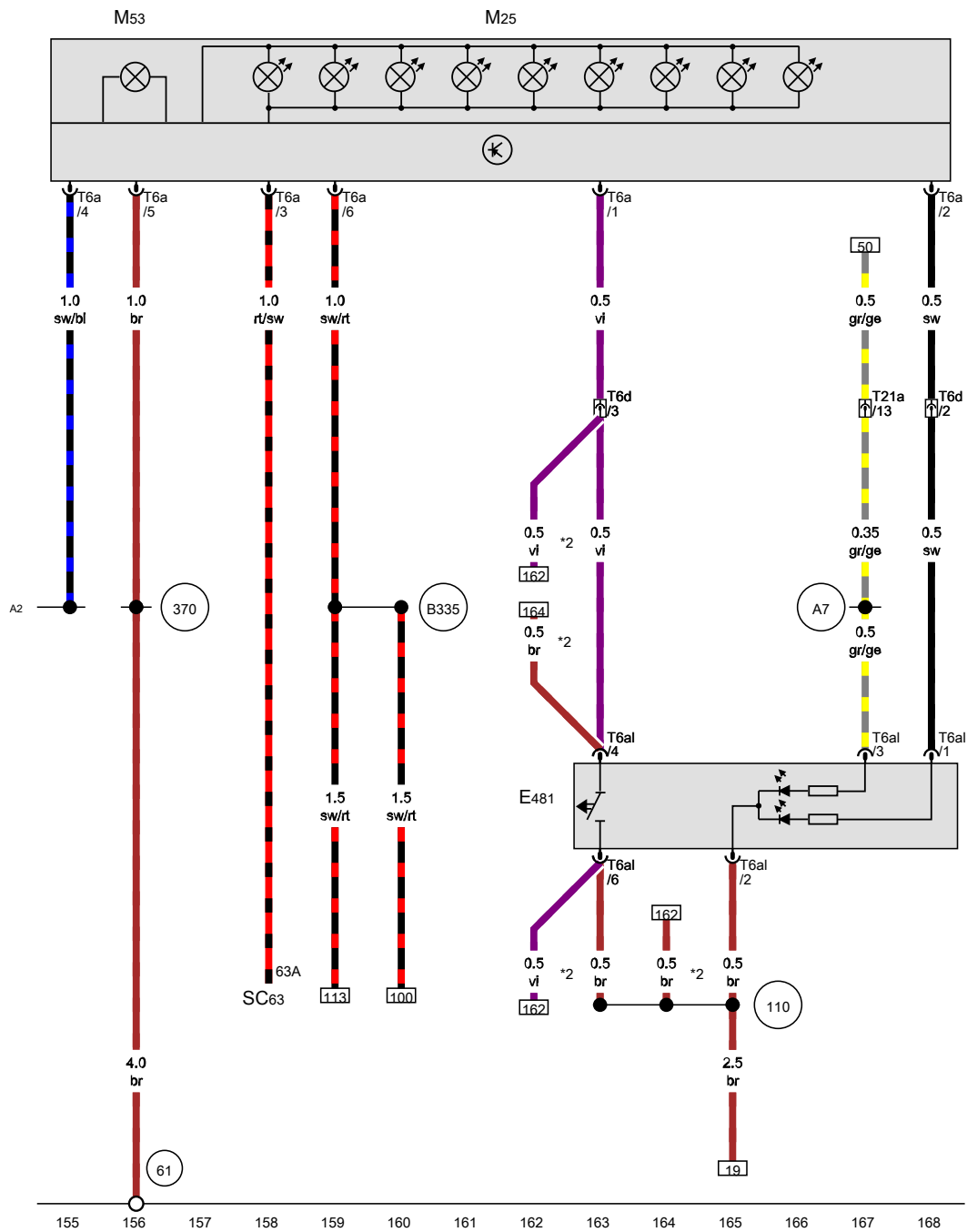
- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Steering column combination switch, Brake light switch, Control unit in dash panel insert, Engine control unit, Dash panel insert



- E595 Steering column combination switch
- F Brake light switch
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector, black
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T94 94-pin connector, black
- T94a 94-pin connector, black

- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with petrol engine
- *2 Only models with diesel engine
- *3 From November 2011



Load area illumination switch, Additional brake light bulb,
Load area illumination bulb

- E481 Load area illumination switch, near radio
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC63 Fuse 63 on fuse holder C
- T6a 6-pin connector
- T6al 6-pin connector
- T6d 6-pin connector, on relay carrier
- T21a 21-pin connector, on relay carrier

- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- * Only models with headlight range control
- *2 Only right-hand drive models

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

Fuse assignment for models with start/stop system , (7L6)

From May 2011

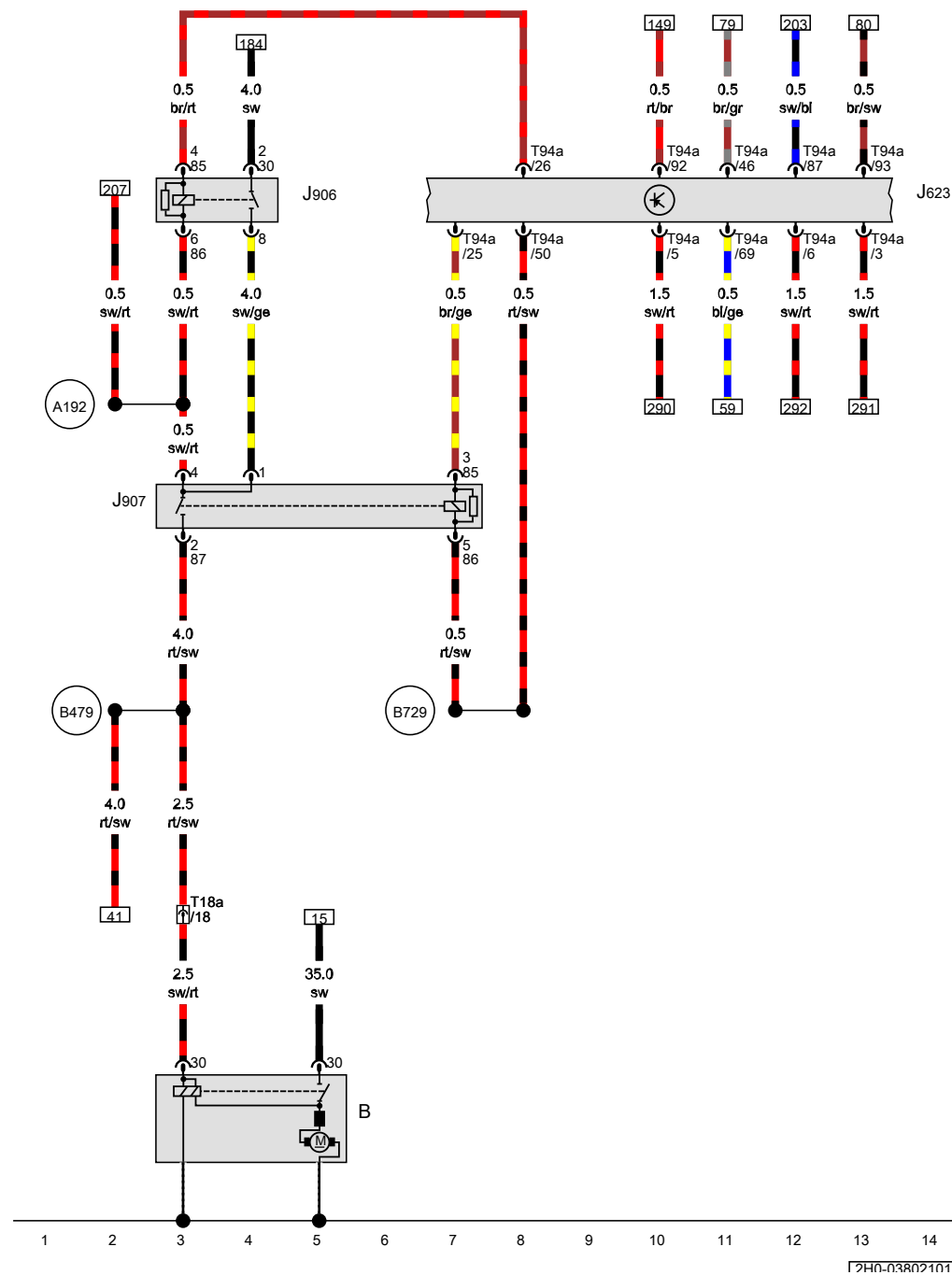
Starter, Starter relay 1, Starter relay 2

B Starter
J623 Engine control unit
J906 Starter relay 1
J907 Starter relay 2
T18a 18-pin connector, near engine control unit, grey
T94a 94-pin connector

A192 Positive connection 3 (15a) in dash panel wiring harness

B479 Connection 15, in main wiring harness

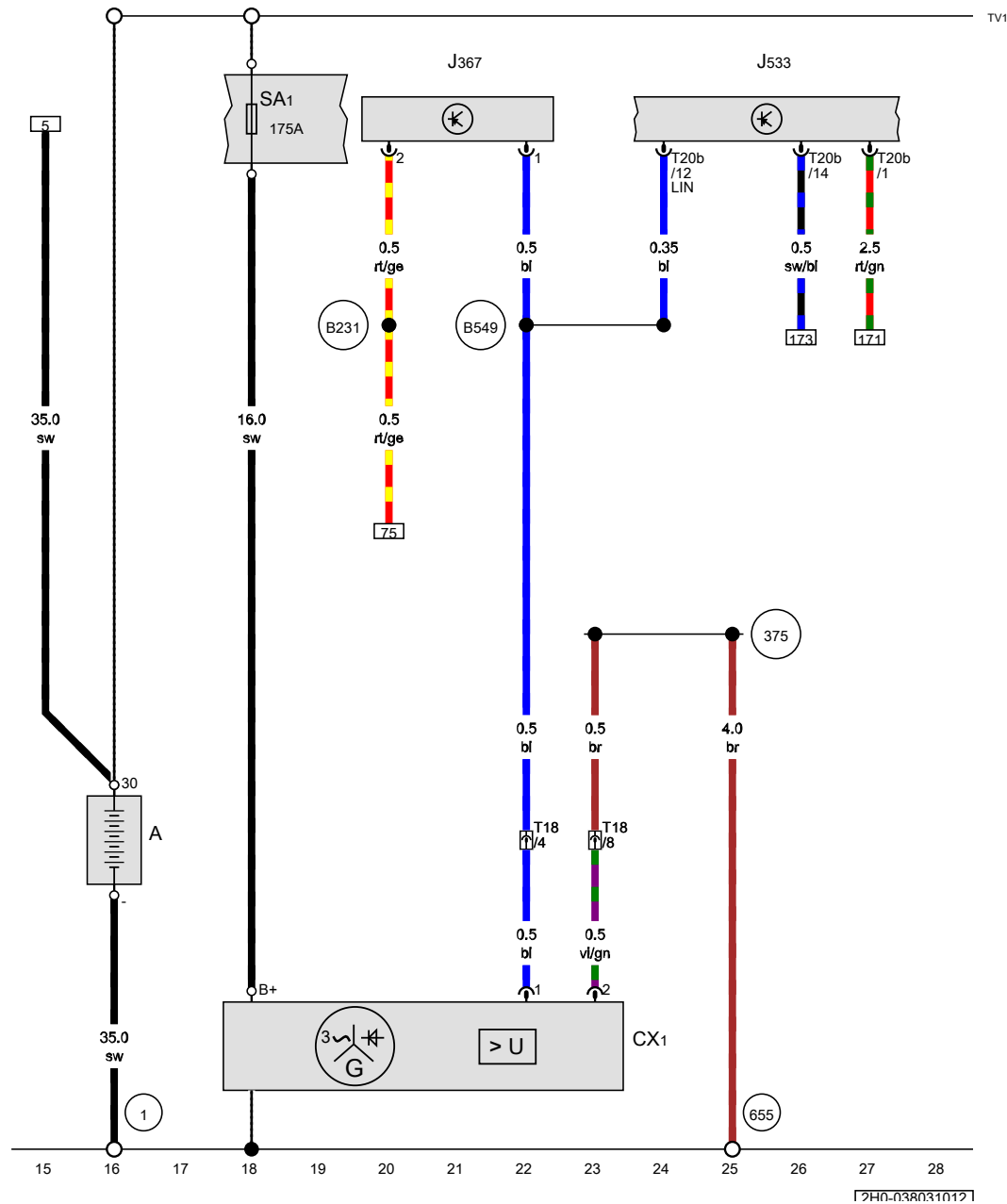
B729 Connection 1 (50), in main wiring harness



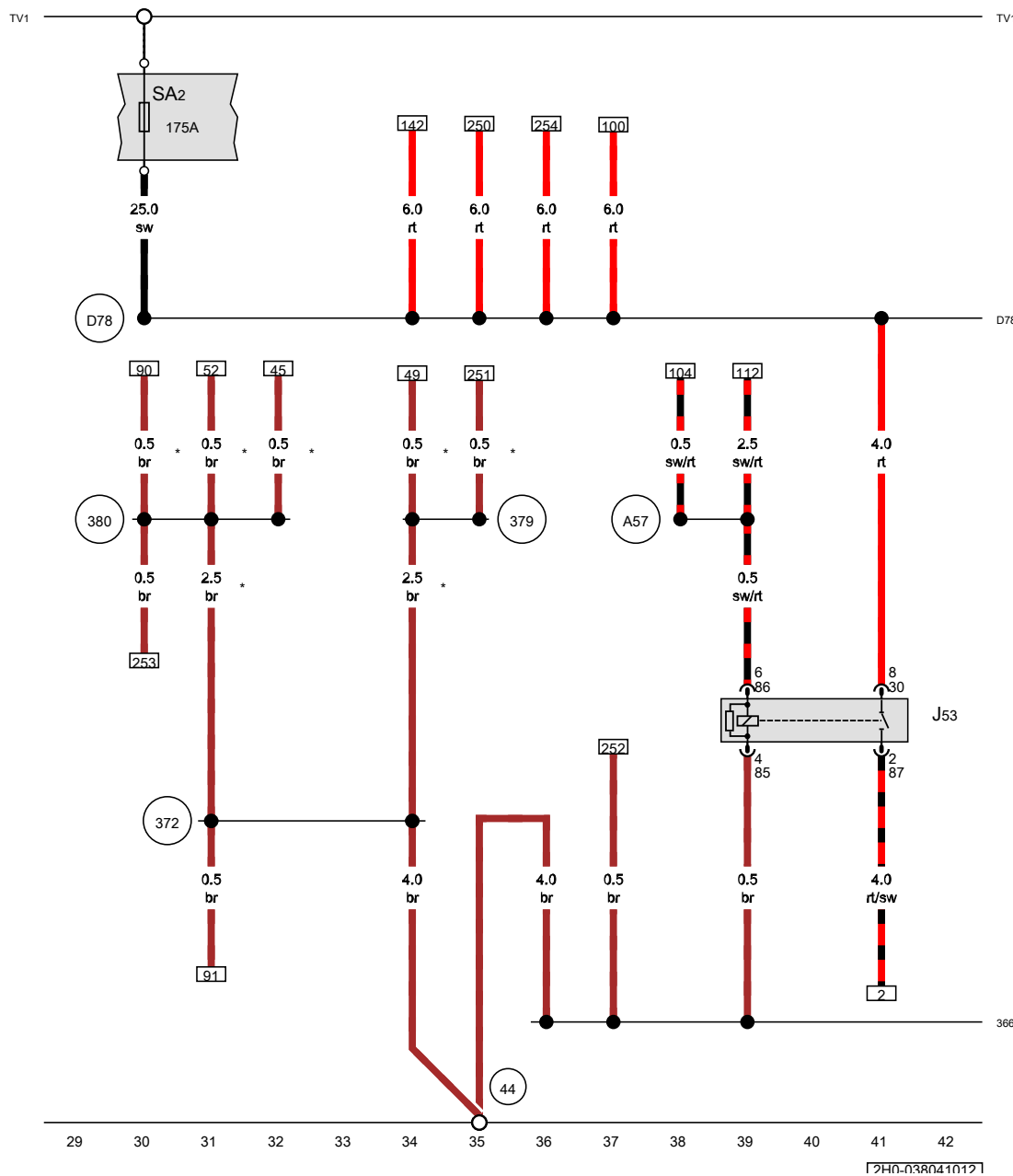
Battery, Alternator with voltage regulator, Battery monitor control unit, Data bus diagnostic interface, Fuse 1 in fuse holder A

A	Battery
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit, black
T20b	20-pin connector

- 1 Earth strap, battery - body
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B231 Positive connection 5 (30a), in interior wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness



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



Starter motor relay, Fuse 2 in fuse holder A

J53 Starter motor relay

SA2 Fuse 2 in fuse holder A

44 Earth point, lower part of left A-pillar

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

379 Earth connection 14, in main wiring harness

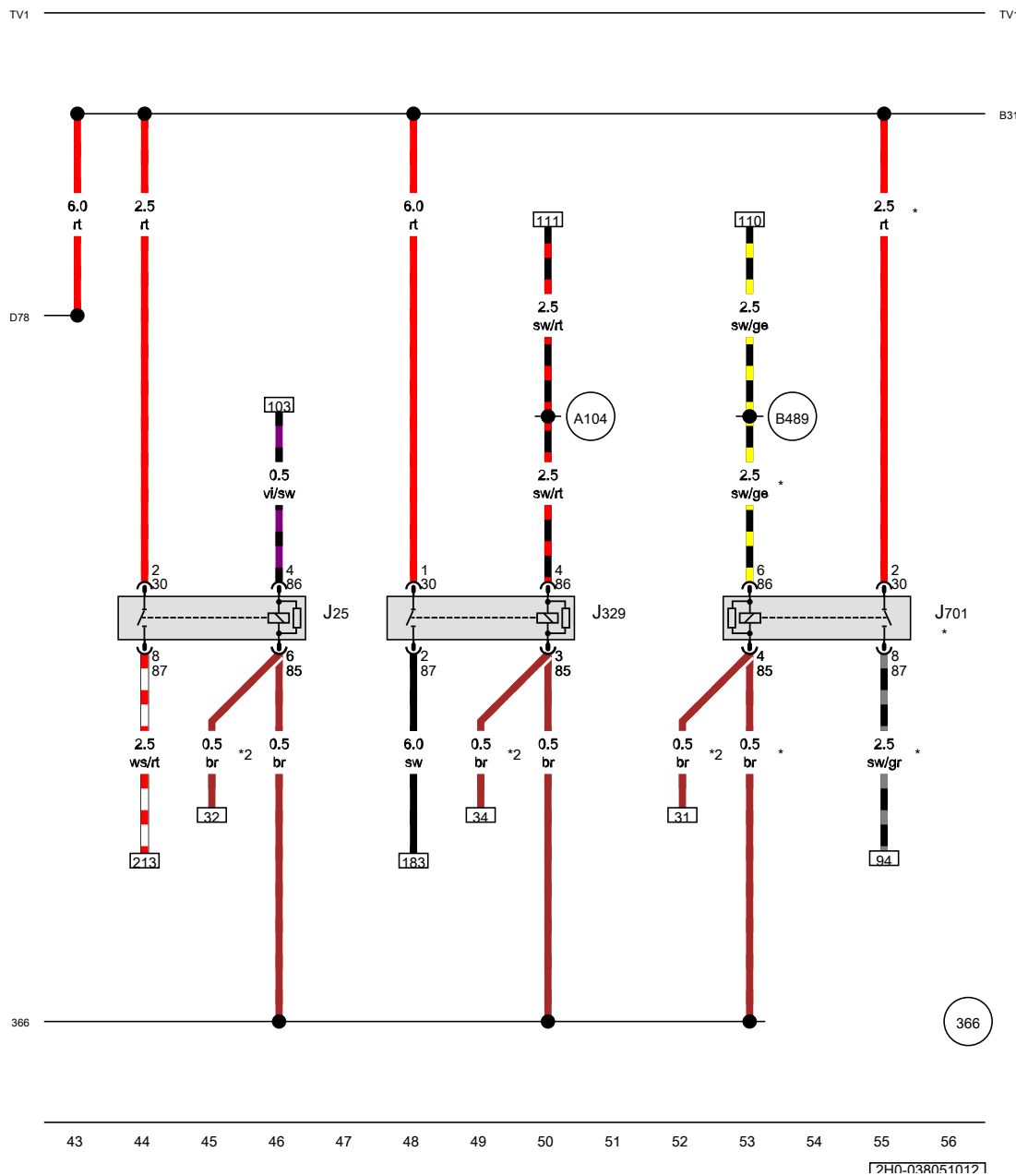
380 Earth connection 15, in main wiring harness

A57 Positive connection 3 (30), in dash panel wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

* From November 2011

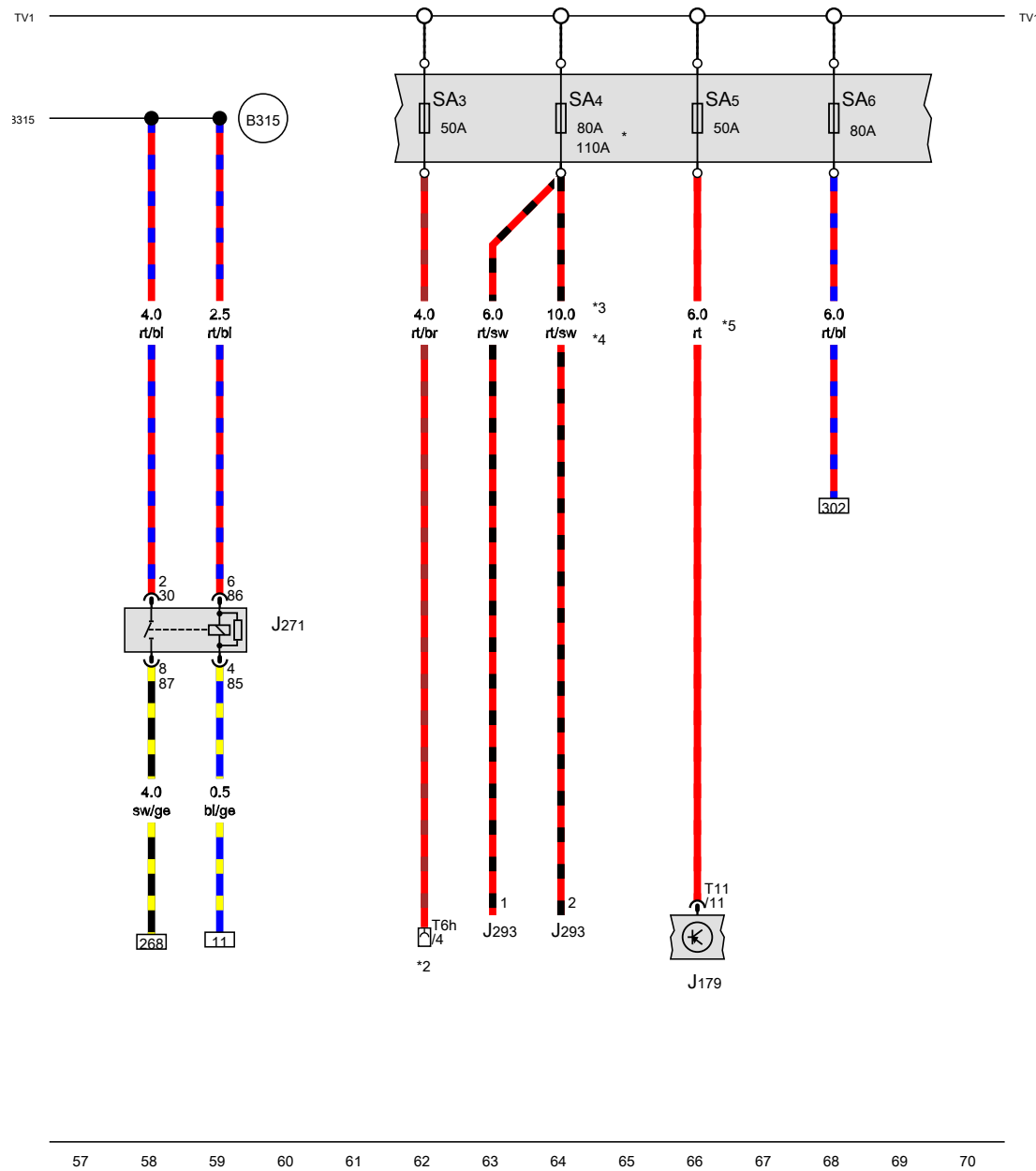
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Headlight relay, Terminal 15 voltage supply relay, Voltage supply relay 1

- J25 Headlight relay
- J329 Terminal 15 voltage supply relay
- J701 Voltage supply relay 1
- 366 Earth connection 1, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with electric interface for external use
- *2 From November 2011

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

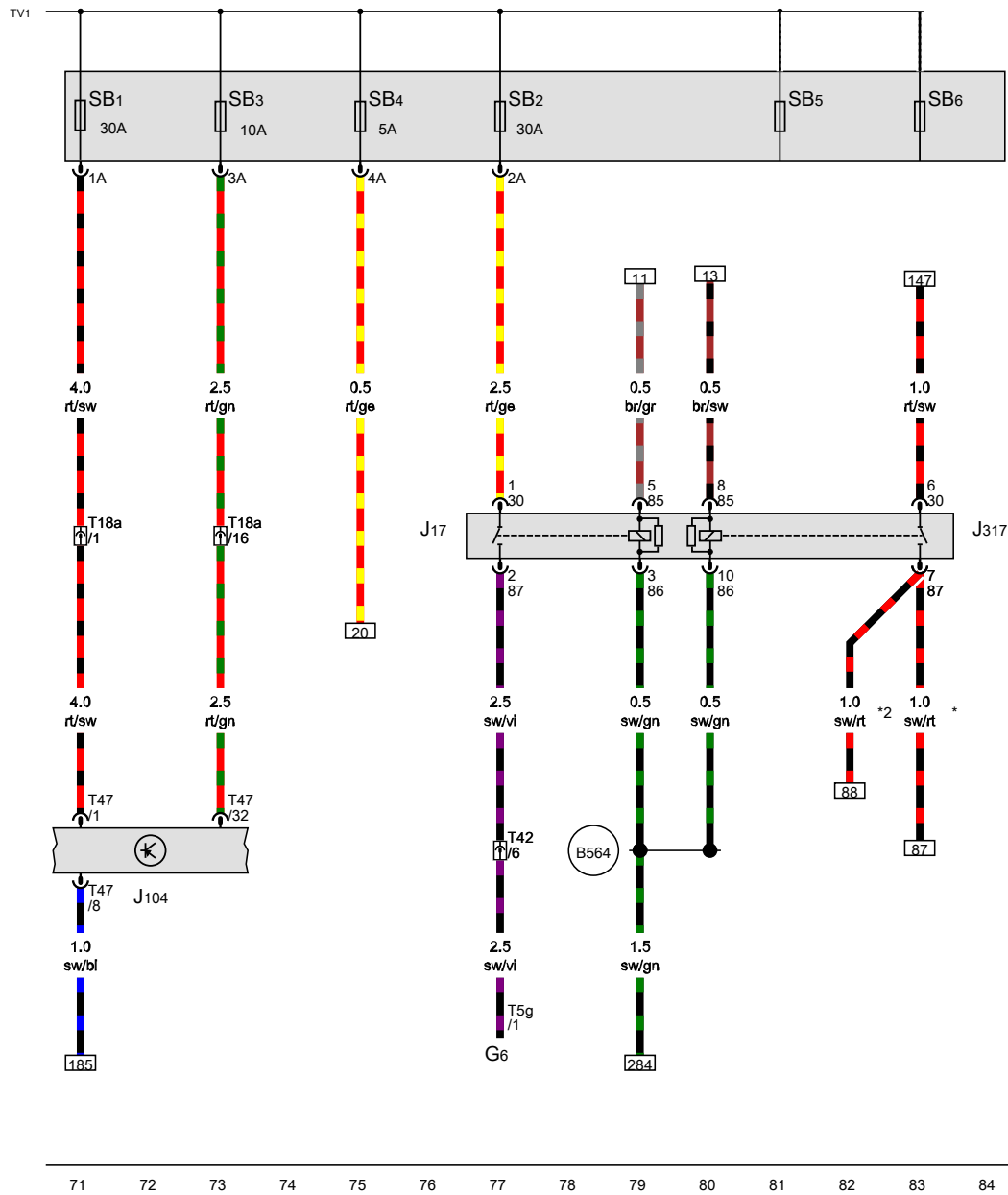


Automatic glow period control unit, Main relay, Fuse 3 in fuse holder A, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A, Fuse 6 in fuse holder A

- J179 Automatic glow period control unit
- J271 Main relay
- J293 Radiator fan control unit
- SA3 Fuse 3 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- T6h 6-pin connector, in left footwell, near centre console
- T11 11-pin connector

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

- * According to equipment
- *2 Only models with electric interface for external use
- *3 Only models with air conditioning system/ Climatronic
- *4 Only for countries with hot climate
- *5 Only models with diesel engine



Fuel pump relay, ABS control unit, Terminal 30 voltage supply relay, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B

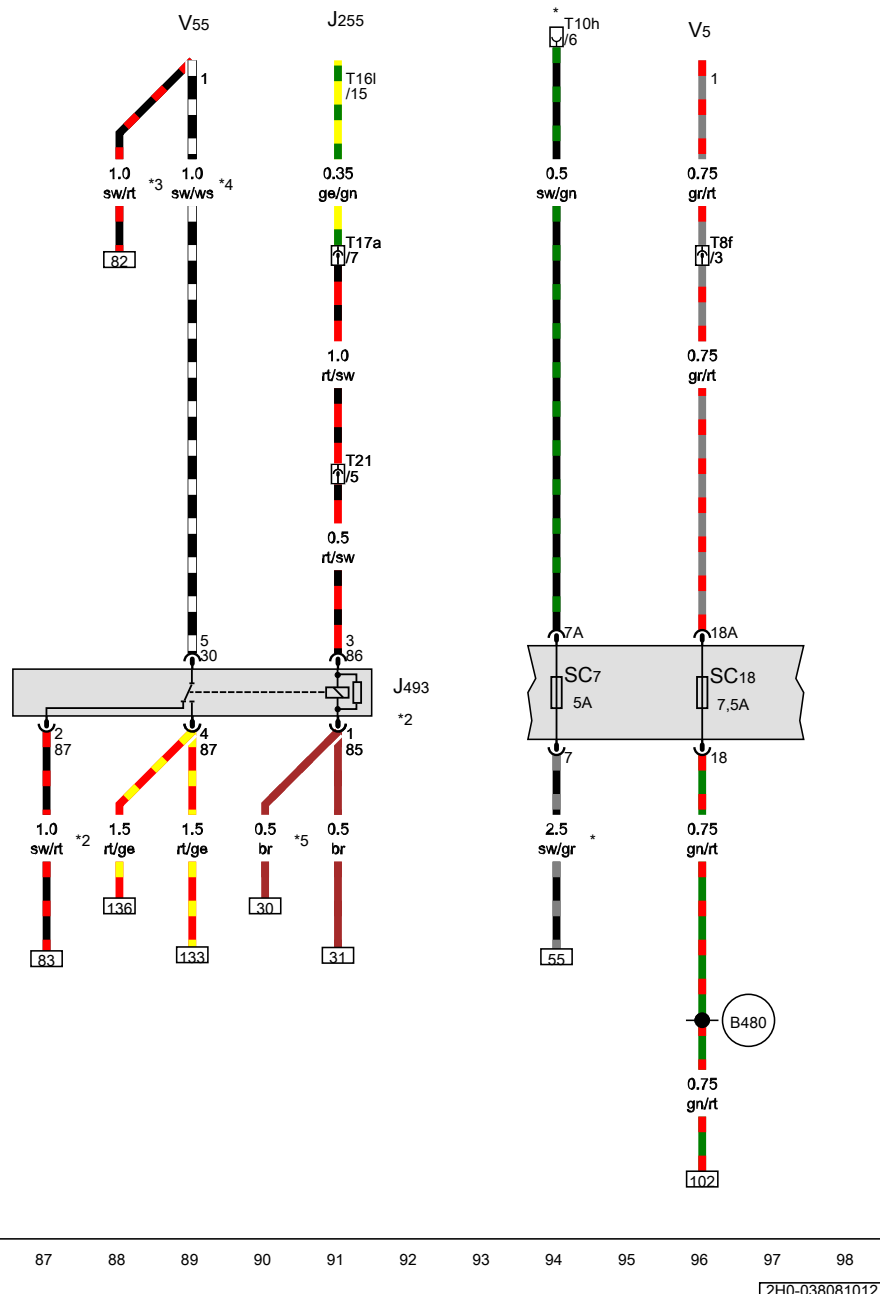
- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J104 ABS control unit
- J317 Terminal 30 voltage supply relay
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T5g 5-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T42 42-pin connector, black
- T47 47-pin connector

B564 Connection 31, in main wiring harness

- * Only models with air conditioning system/ Climatronic
- *2 Only models with no air conditioning system/Climatronic

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

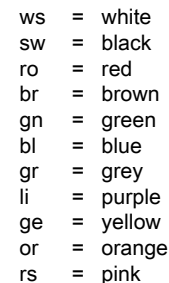
Auxiliary coolant heater relay, 10-pin connector, Washer pump, Circulation pump



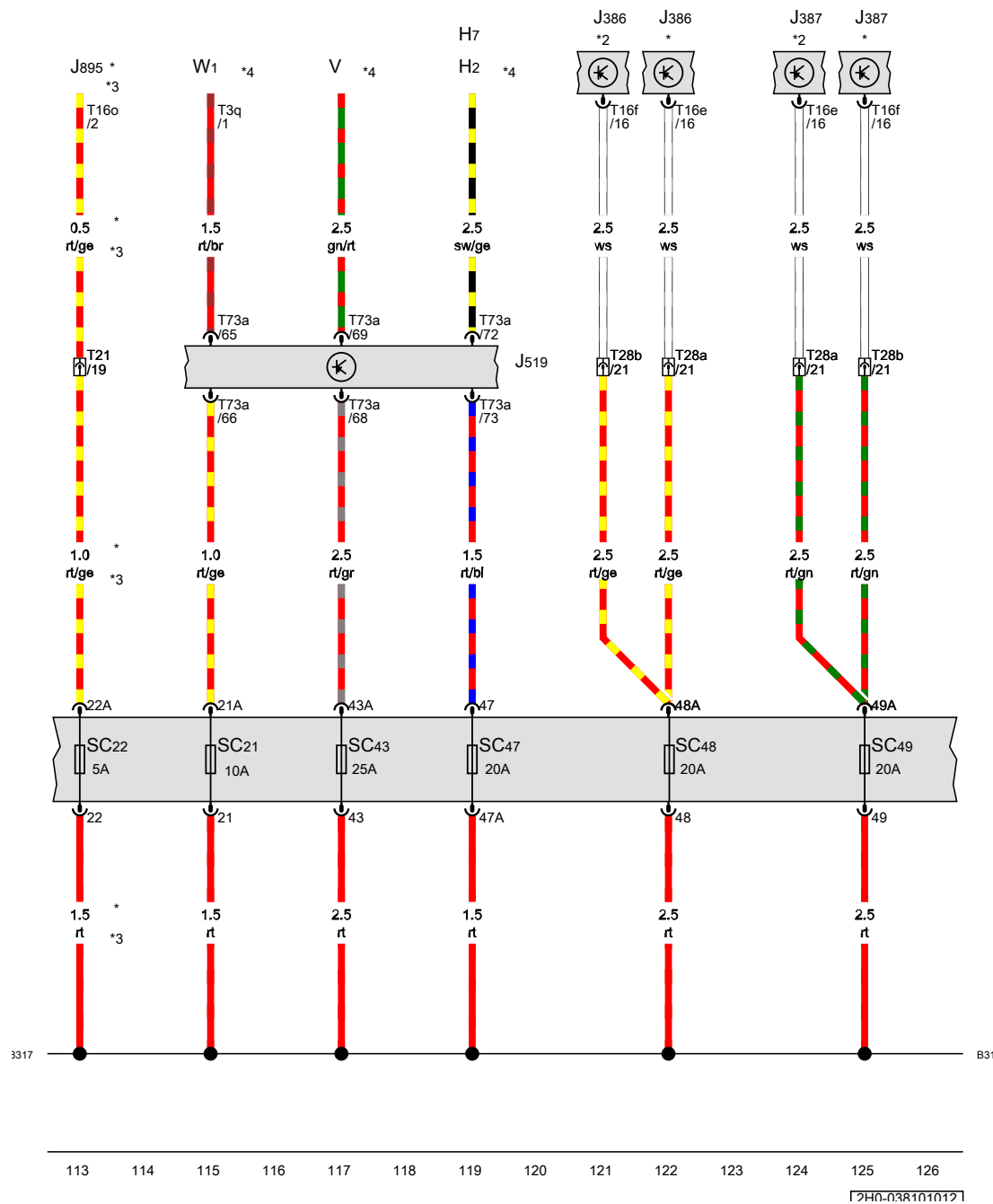
- J255 Climatronic control unit
- J493 Auxiliary coolant heater relay
- SC7 Fuse 7 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T8f 8-pin connector, in rear right of engine compartment, black
- T10h 10-pin connector, in left footwell, near centre console
- T16l 16-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- V5 Washer pump
- V55 Circulation pump

B480 Connection 16, in main wiring harness

- * Only models with electric interface for external use
- *2 Only models with air conditioning system/ Climatronic
- *3 Only models with no air conditioning system/ Climatronic
- *4 Only models with Climatronic
- *5 From November 2011



* see applicable current flow diagram for window regulators/ basic equipment/ convenience system

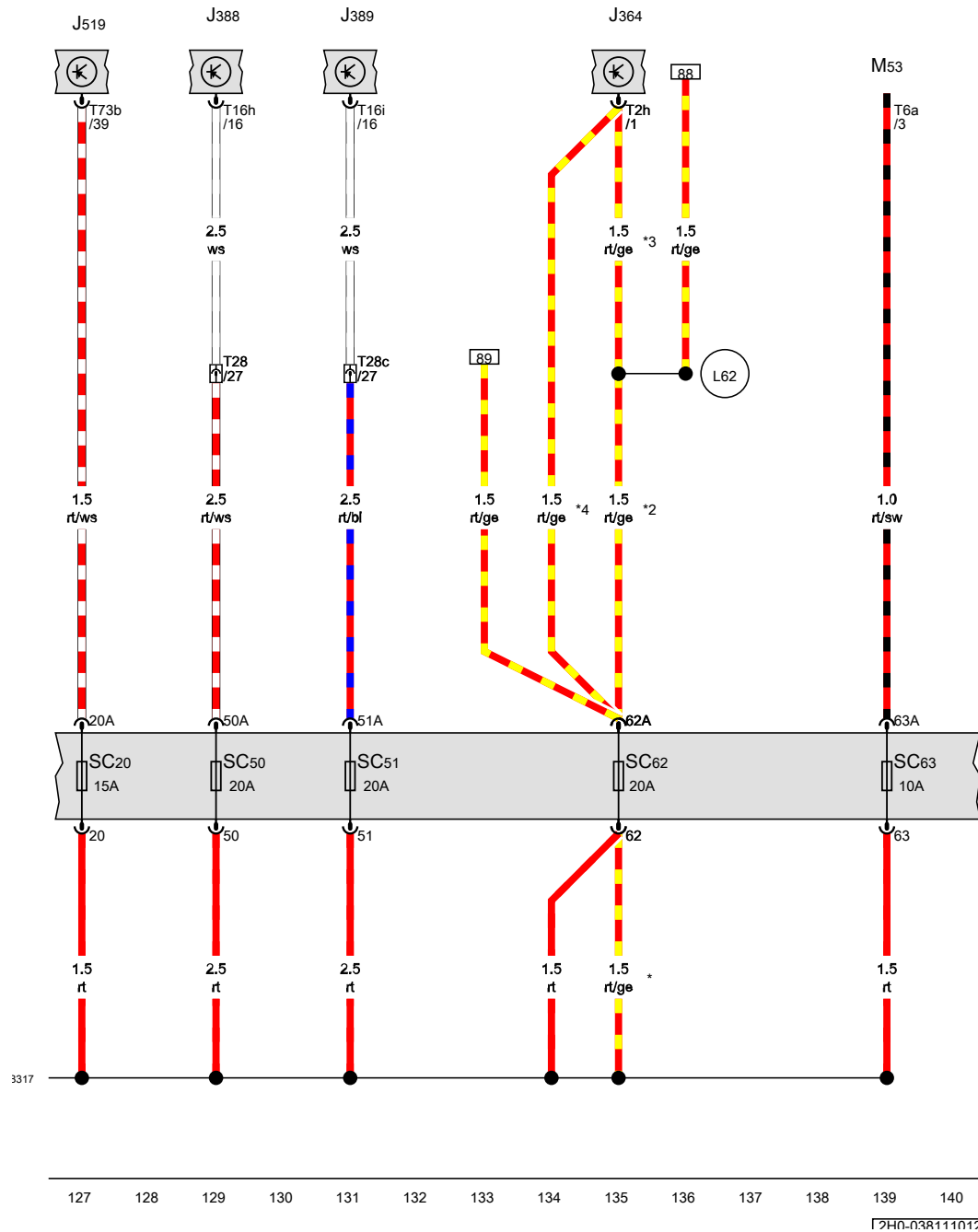


Treble horn, Driver door control unit, Front passenger door control unit, Control unit for vehicle location system, Windscreen wiper motor, Front interior light

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- J895 Control unit for vehicle location system
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3q 3-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T16o 16-pin connector
- T21 21-pin connector, on relay carrier, blue
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector
- V Windscreen wiper motor
- W1 Front interior light

B317 Positive connection 3 (30a) in main wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Country specific
- *4 see applicable current flow diagram for basic equipment



Auxiliary heater control unit, Rear left door control unit, Rear right door control unit, Onboard supply control unit, Load area illumination bulb

- J364 Auxiliary heater control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J519 Onboard supply control unit
- M53 Load area illumination bulb
- SC20 Fuse 20 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T2h 2-pin connector
- T6a 6-pin connector
- T16h 16-pin connector
- T16i 16-pin connector
- T28 28-pin connector
- T28c 28-pin connector
- T73b 73-pin connector

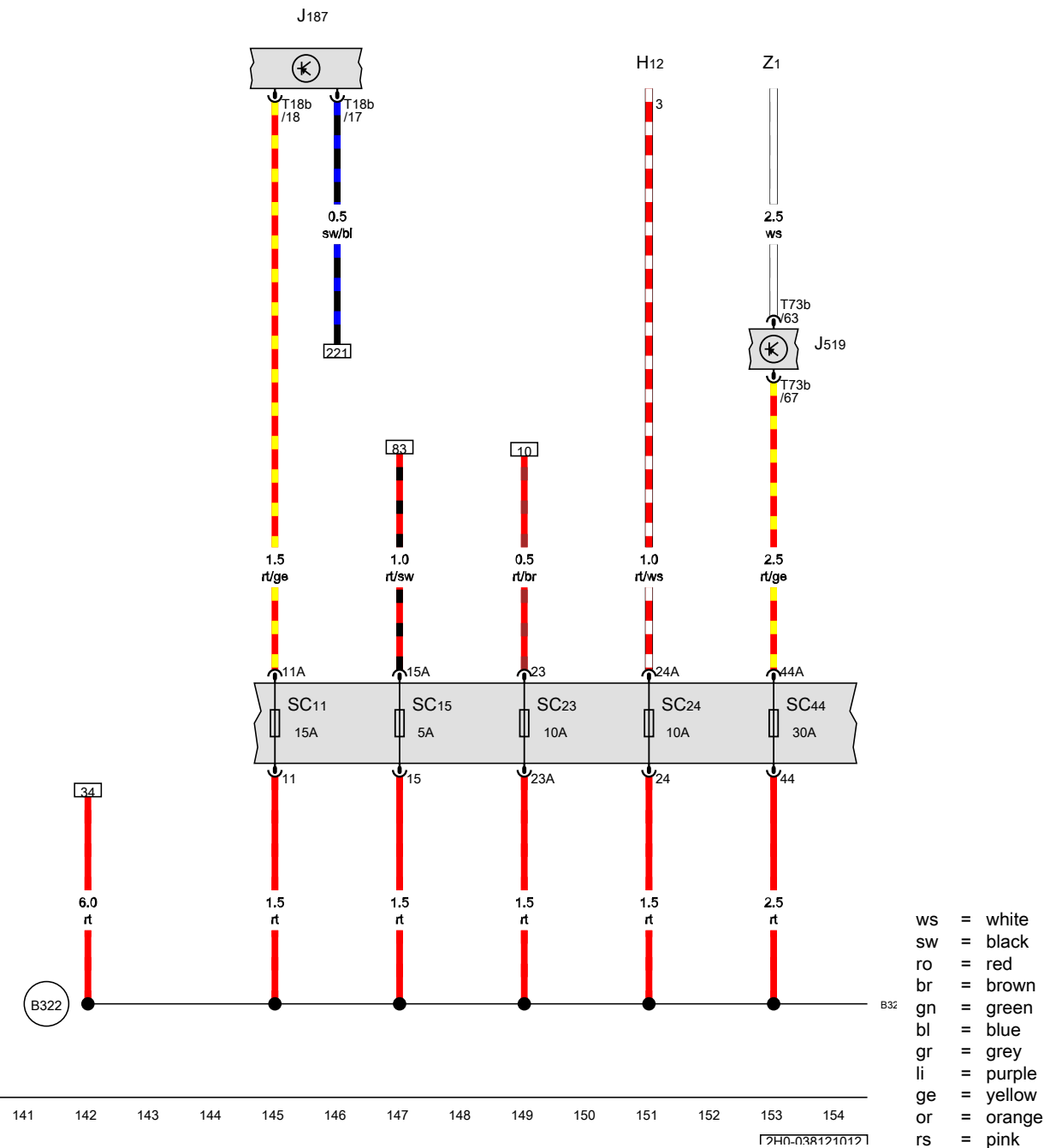
B317 Positive connection 3 (30a) in main wiring harness

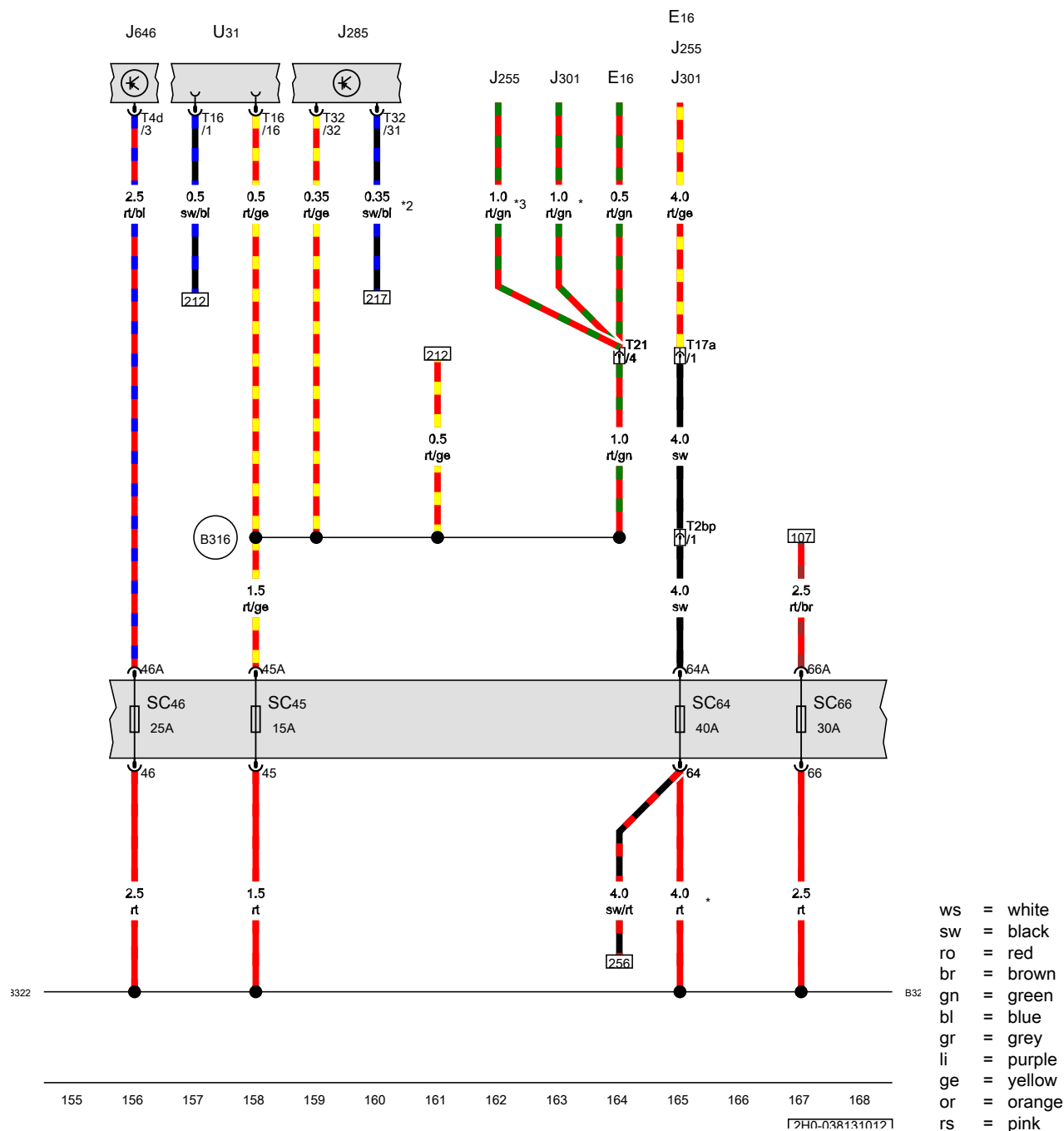
L62 Positive connection (30a), in auxiliary heater wiring harness

- * Only right-hand drive models
- *2 Only models with air conditioning system/ Climatronic
- *3 Only models with air conditioning system
- *4 Only models with no air conditioning system/Climatronic

Alarm horn, Differential lock control unit, Heated rear window

- H12 Alarm horn
- J187 Differential lock control unit
- J519 Onboard supply control unit
- SC11 Fuse 11 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T18b 18-pin connector, black
- T73b 73-pin connector
- Z1 Heated rear window
- B322 Positive connection 8 (30a) in main wiring harness





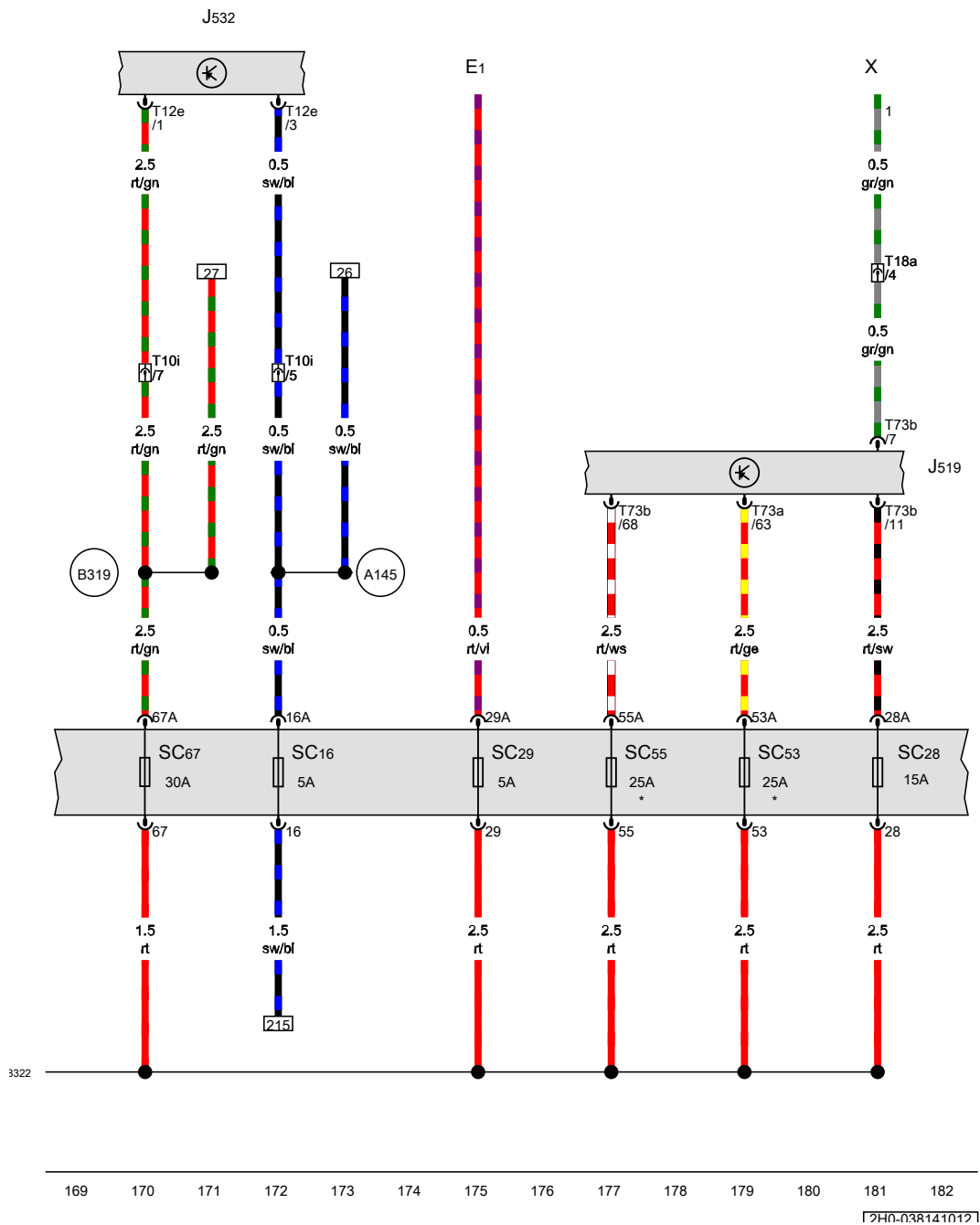
Control unit in dash panel insert, Transfer box control unit

- E16 Heater/heat output switch
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- J646 Transfer box control unit
- SC45 Fuse 45 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- SC66 Fuse 66 on fuse holder C
- T2bp 2-pin connector, black
- T4d 4-pin connector
- T16 16-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T21 21-pin connector, on relay carrier, blue
- T32 32-pin connector
- U31 Diagnostic connection, near driver side A-pillar

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

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

- * Only models with Climatic
- *2 According to equipment
- *3 Only models with Climatronic



Number plate light

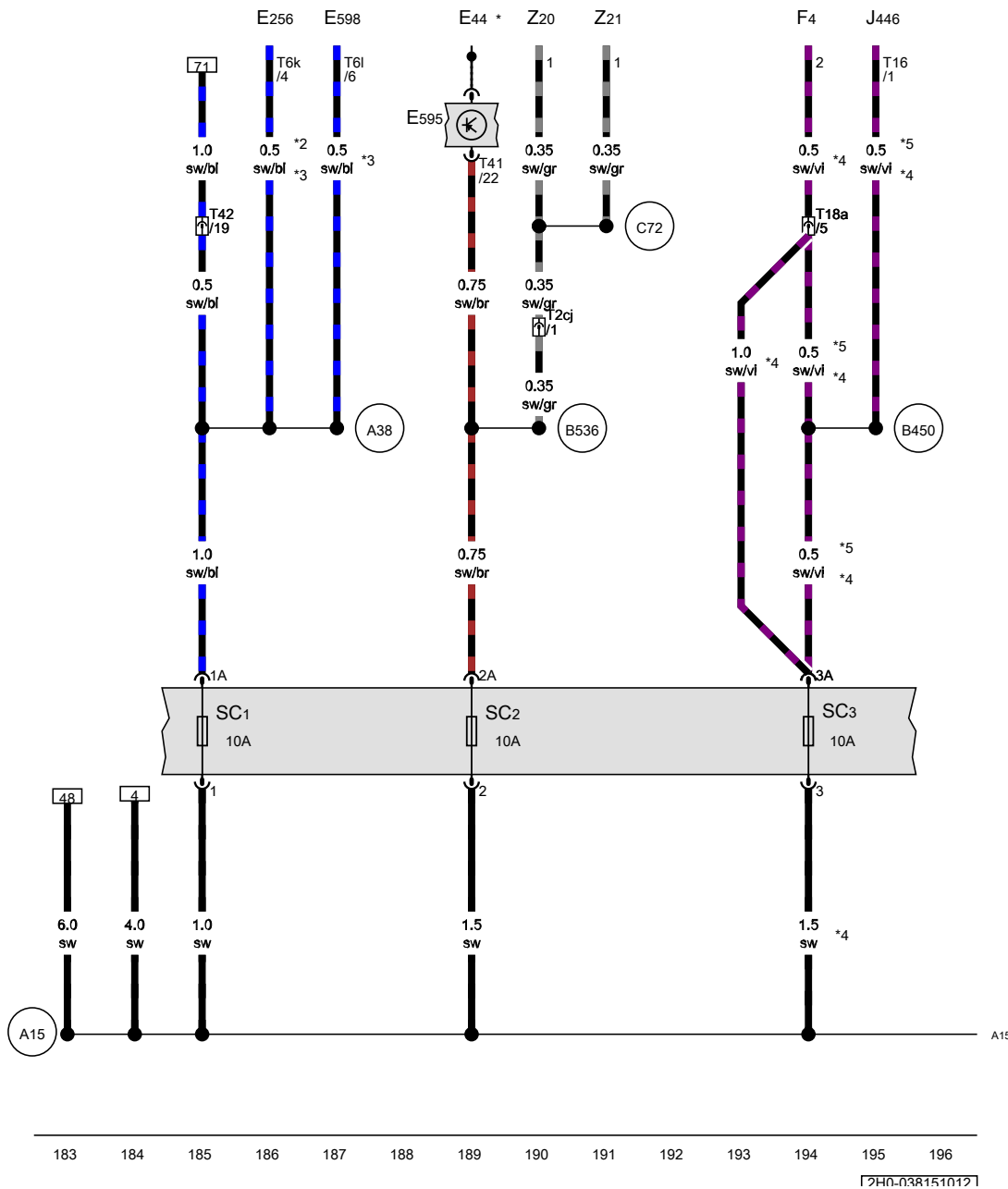
- E1 Light switch
- J519 Onboard supply control unit
- J532 Voltage stabiliser
- SC16 Fuse 16 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T10i 10-pin connector, near battery, black
- T12e 12-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T73a 73-pin connector
- T73b 73-pin connector
- X Number plate light

A145 Positive connection 4 (15), in dash panel wiring harness

B319 Positive connection 5 (30a) in main wiring harness

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

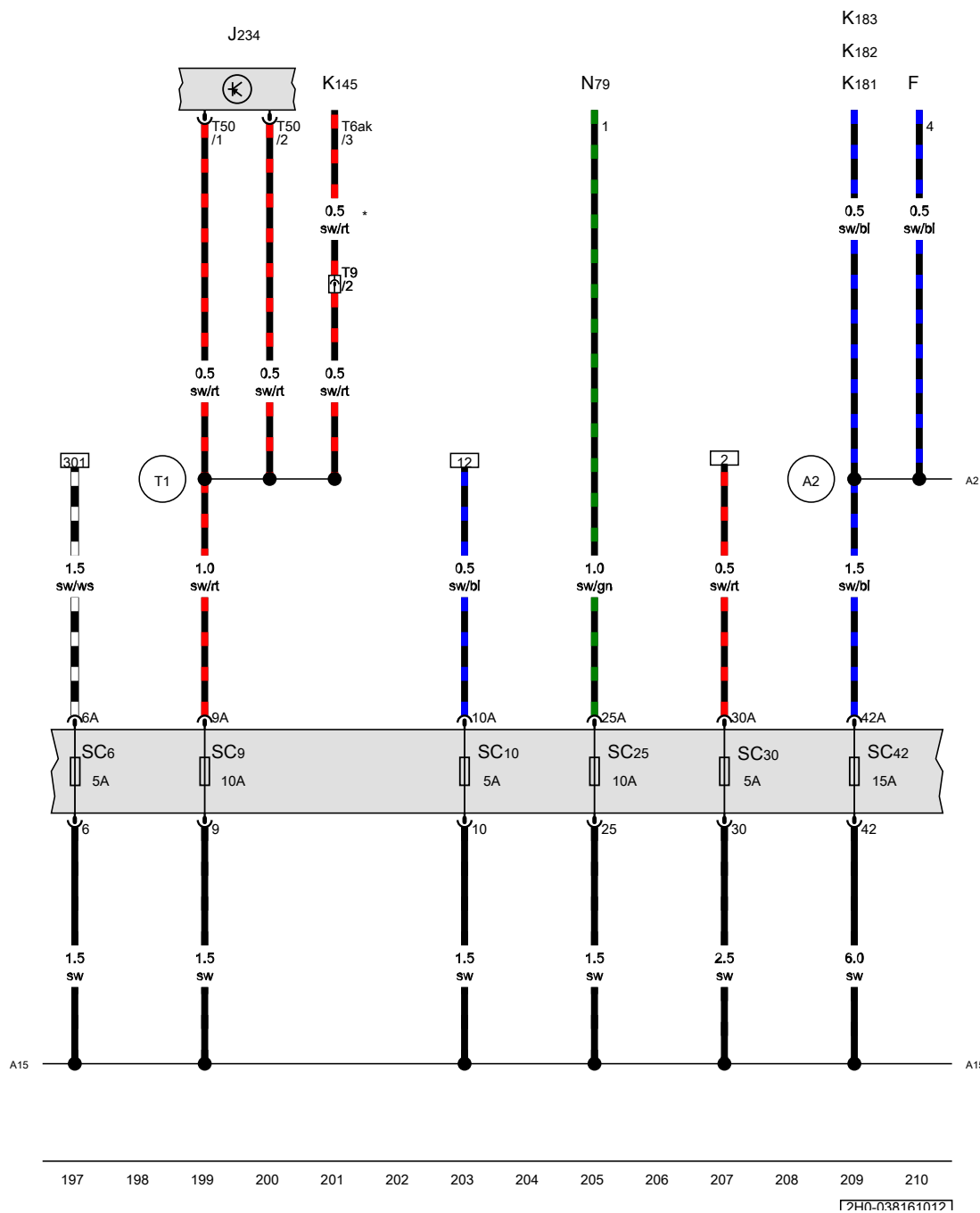
* see fitting locations



Washer pump switch (automatic wash/wipe and headlight washer system), TCS and ESP button, Steering column combination switch, Driving program button, Reversing light switch, Parking aid control unit, Left washer jet heater element

- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E256 TCS and ESP button
- E595 Steering column combination switch
- E598 Driving program button
- F4 Reversing light switch
- J446 Parking aid control unit
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- T2cj 2-pin connector, near window wiper motor, black
- T6k 6-pin connector
- T6l 6-pin connector
- T16 16-pin connector
- T18a 18-pin connector, near engine control unit, grey
- T41 41-pin connector
- T42 42-pin connector, black
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- A15 Positive connection (15), in instrument wiring harness
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B450 Connection 1 (PDC), in main wiring harness
- B536 Connection 27, in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * see applicable current flow diagram for basic equipment
- *2 Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL) with auxiliary drive (part time)
- *3 Only models with manual gearbox
- *4 Only models with parking aid (PDC)
- *5 Only models with parking aid (PDC)

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Brake light switch, Airbag control unit, Front passenger side airbag deactivated warning lamp, Normal operation warning lamp in transfer box operating unit, Heater element for crankcase breather, Fuse 42 on fuse holder C

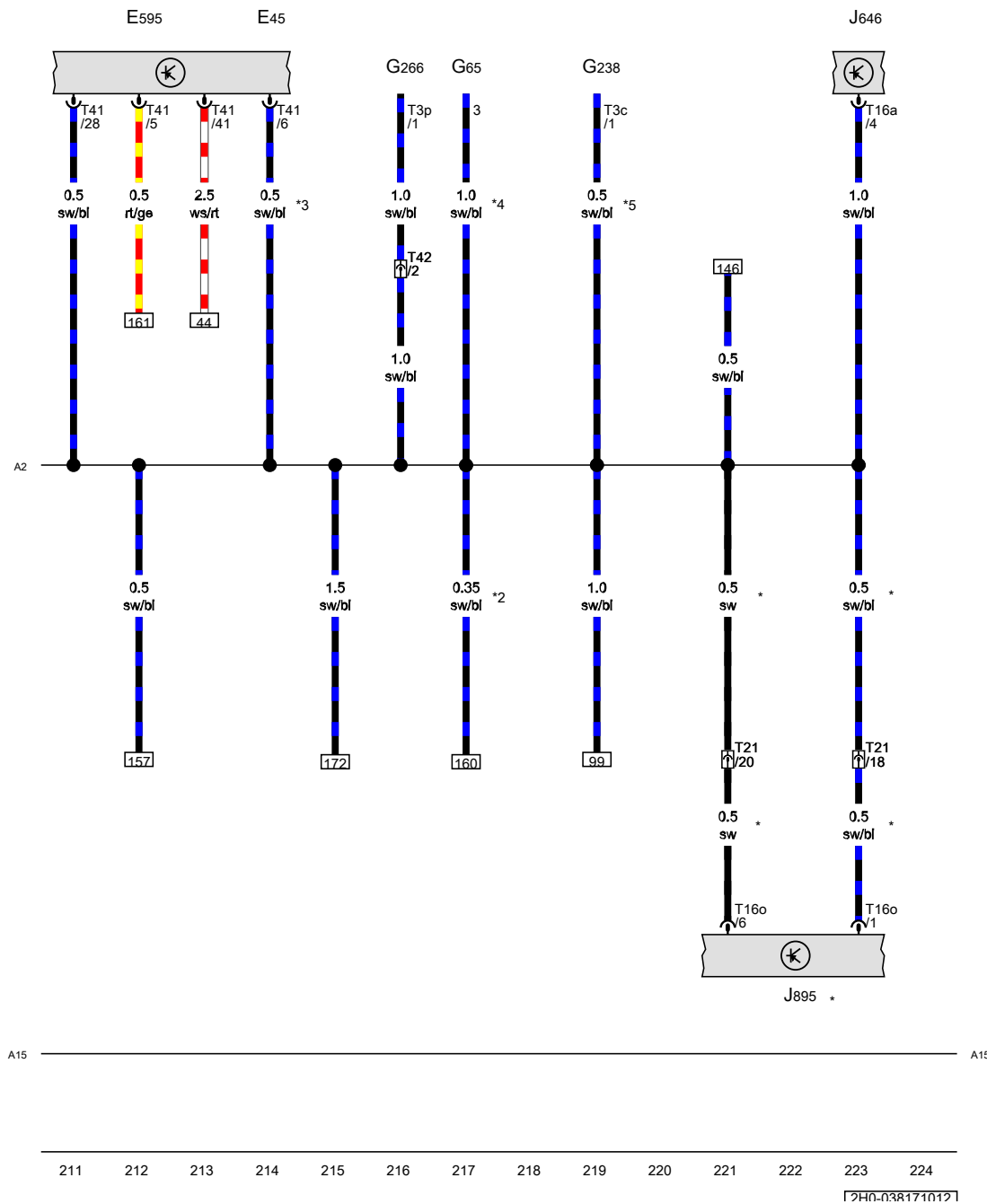
- F Brake light switch
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit
- K183 Inter-axe lock-up warning lamp in transfer box operating unit
- N79 Heater element for crankcase breather
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T6ak 6-pin connector
- T9 9-pin connector, on relay carrier
- T50 50-pin connector

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

A15 Positive connection (15), in instrument wiring harness

T1 Positive connection 1, in airbag wiring harness

* Only models with key operated switch to deactivate front passenger airbag



Steering column combination switch, Oil level and oil temperature sender, Transfer box control unit, Control unit for vehicle location system

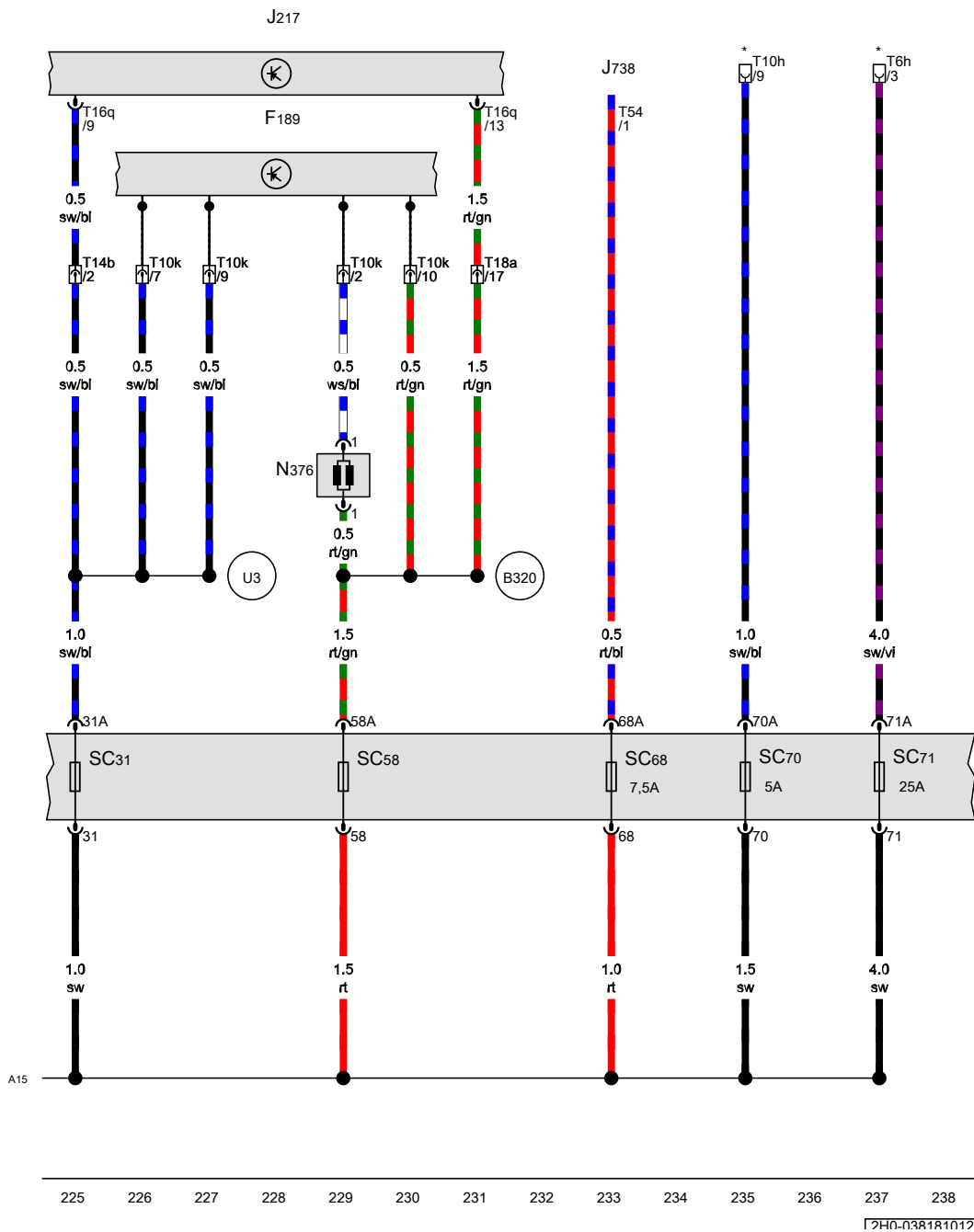
- E45 Cruise control system switch
- E595 Steering column combination switch
- G65 High-pressure sender
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- J646 Transfer box control unit
- J895 Control unit for vehicle location system
- T3c 3-pin connector
- T3p 3-pin connector
- T16a 16-pin connector
- T16o 16-pin connector
- T21 21-pin connector, on relay carrier, blue
- T41 41-pin connector, grey
- T42 42-pin connector, black

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

A15 Positive connection (15), in instrument wiring harness

- * Only left-hand drive models
- *2 According to equipment
- *3 Only models with cruise control system (CCS)
- *4 Only models with air conditioning system/ Climatronic
- *5 Only models with Climatronic

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Tiptronic switch, Automatic gearbox control unit, Ignition key withdrawal lock solenoid, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C, 6-pin connector, 10-pin connector

- F189 Tiptronic switch
- J217 Automatic gearbox control unit
- J738 Telephone controls control unit
- N376 Ignition key withdrawal lock solenoid
- SC31 Fuse 31 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- SC70 Fuse 70 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console
- T10h 10-pin connector, in left footwell, near centre console
- T10k 10-pin connector, in centre console, on selector lever bracket, black
- T14b 14-pin connector, black
- T16q 16-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T54 54-pin connector

- A15 Positive connection (15), in instrument wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * Only models with electric interface for external use

Button for left seat heating, Button for right seat heating, Voltage supply relay 2, Seat heating control unit, 10-pin connector, Cigarette lighter

- E653 Button for left seat heating
- E654 Button for right seat heating
- J710 Voltage supply relay 2
- J882 Seat heating control unit
- SC54 Fuse 54 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console
- T6m 6-pin connector
- T6o 6-pin connector
- T10h 10-pin connector, in left footwell, near centre console
- T16b 16-pin connector
- U1 Cigarette lighter

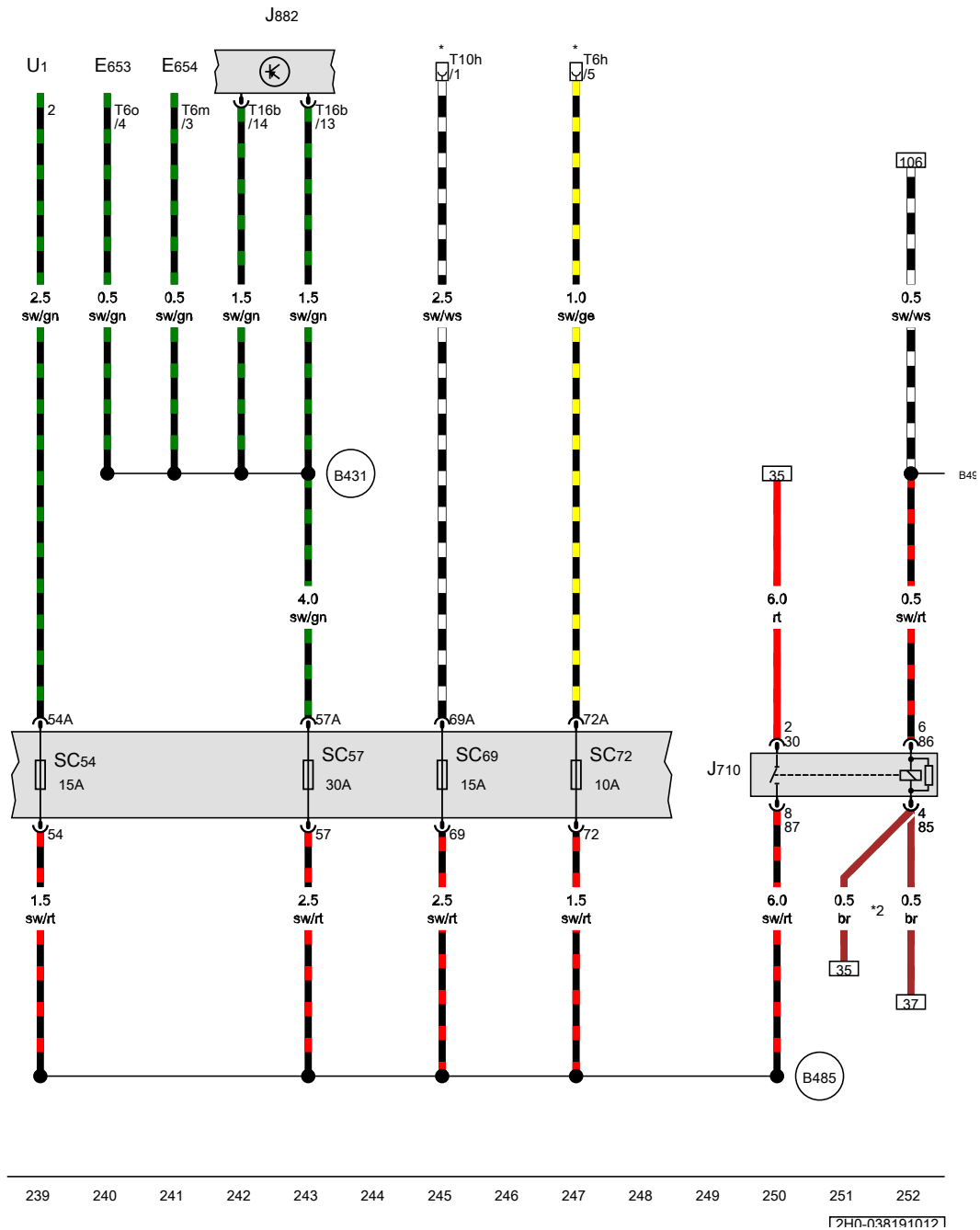
B431 Connection (seat heating), in main wiring harness

B485 Connection 21, in main wiring harness

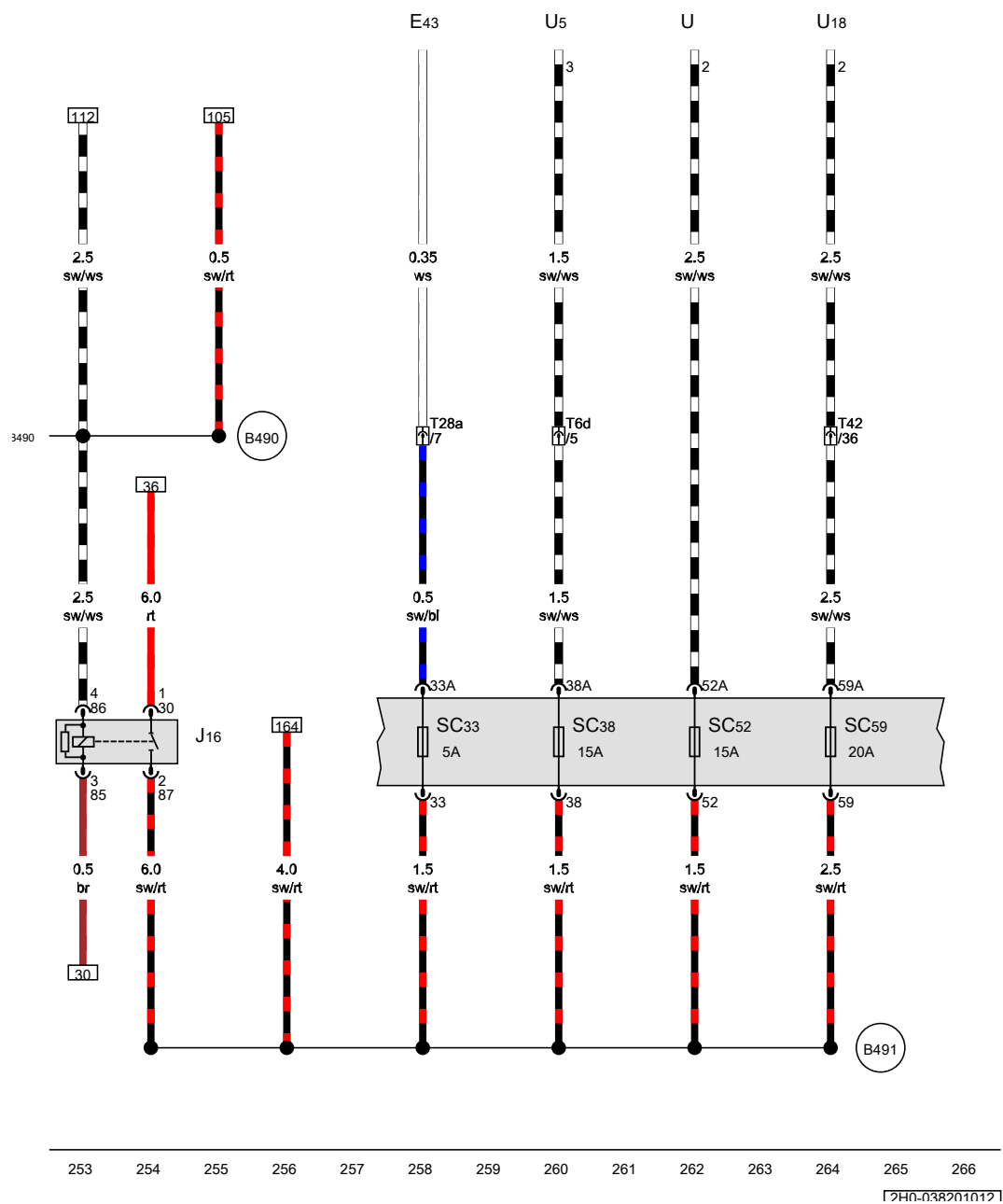
B490 Connection 26, in main wiring harness

* Only models with electric interface for external use

*2 From November 2011



Mirror adjustment switch, Current supply relay, Electric socket, 12 V socket, 12 V socket 2



- E43 Mirror adjustment switch
- J16 Current supply relay
- SC33 Fuse 33 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T6d 6-pin connector, on relay carrier
- T28a 28-pin connector, on left A-pillar
- T42 42-pin connector, black
- U Electric socket
- U5 12 V socket
- U18 12 V socket 2
- B490 Connection 26, in main wiring harness
- B491 Positive connection (75), in interior wiring harness

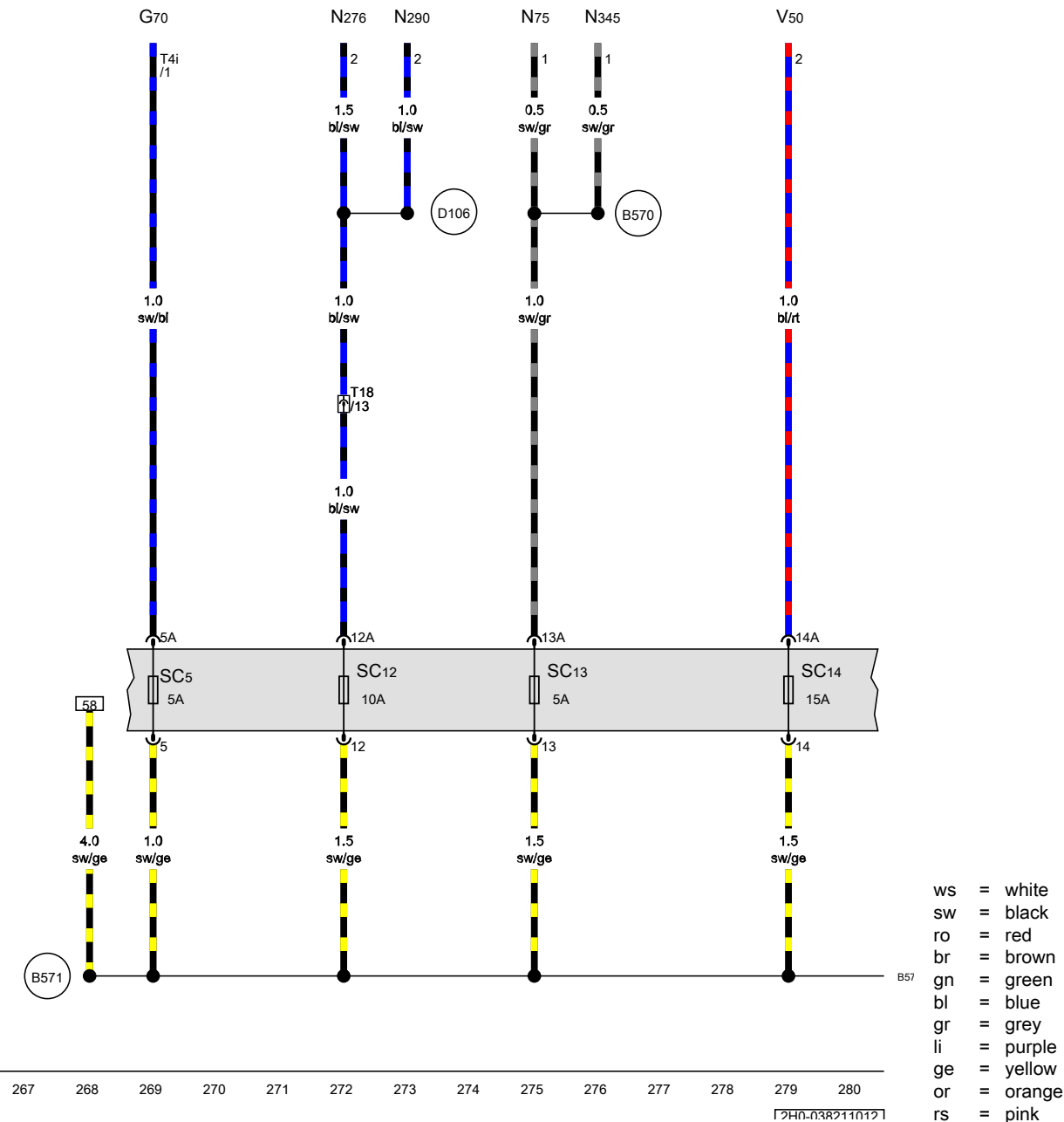
Air mass meter, Charge pressure control solenoid valve,
Fuel pressure regulating valve, Fuel metering valve,
Exhaust gas recirculation cooler changeover valve, Coolant
circulation pump

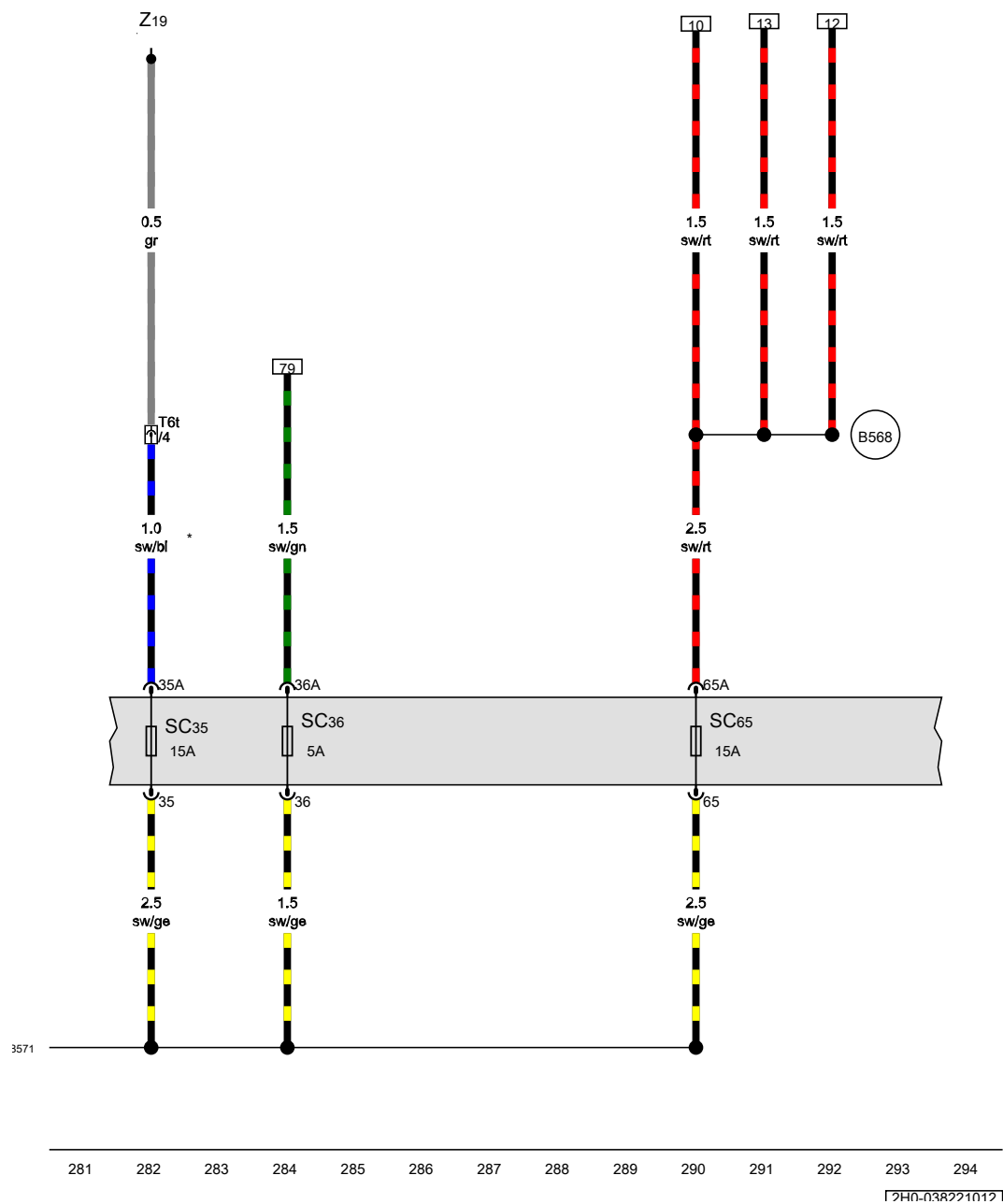
- G70 Air mass meter
- N75 Charge pressure control solenoid valve
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC5 Fuse 5 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T4i 4-pin connector
- T18 18-pin connector, near engine control unit, black
- V50 Coolant circulation pump

(B570) Connection 37, in main wiring harness

(B571) Connection 38, in main wiring harness

(D106) Connection 4 in engine compartment wiring harness





Lambda probe heater

- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- Z19 Lambda probe heater

B568 Connection 35, in main wiring harness

B571 Connection 38, in main wiring harness

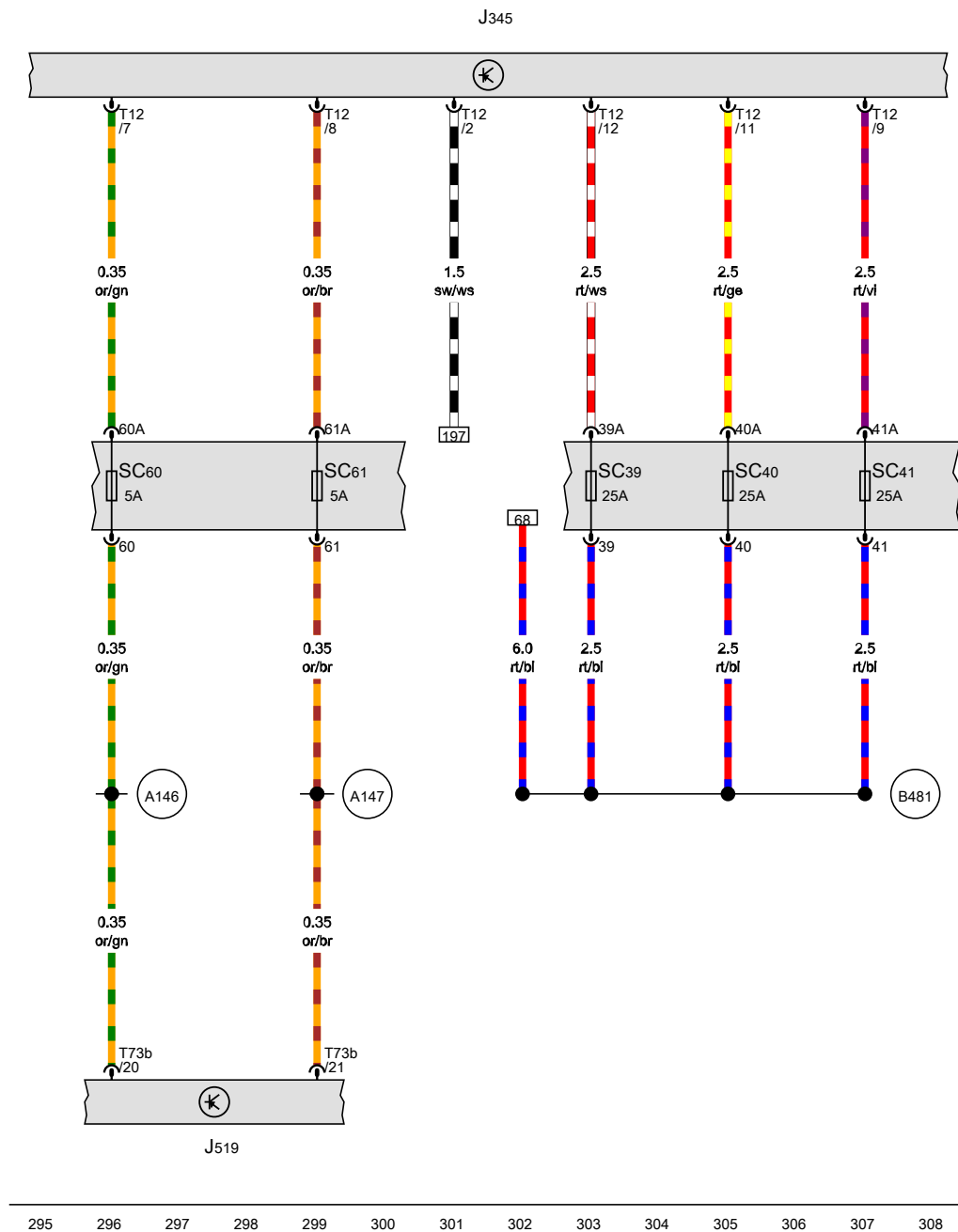
* Only models with Euro 5 emission standard

ws = white
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Trailer detector control unit

- J345 Trailer detector control unit
- J519 Onboard supply control unit
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T12 12-pin connector
- T73b 73-pin connector

-  A146 Connection (convenience CAN bus, high), in dash panel wiring harness
-  A147 Connection (convenience CAN bus, low), in dash panel wiring harness
-  B481 Connection 17, in main wiring harness



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2.0l diesel engine , CDBA,(7L6)

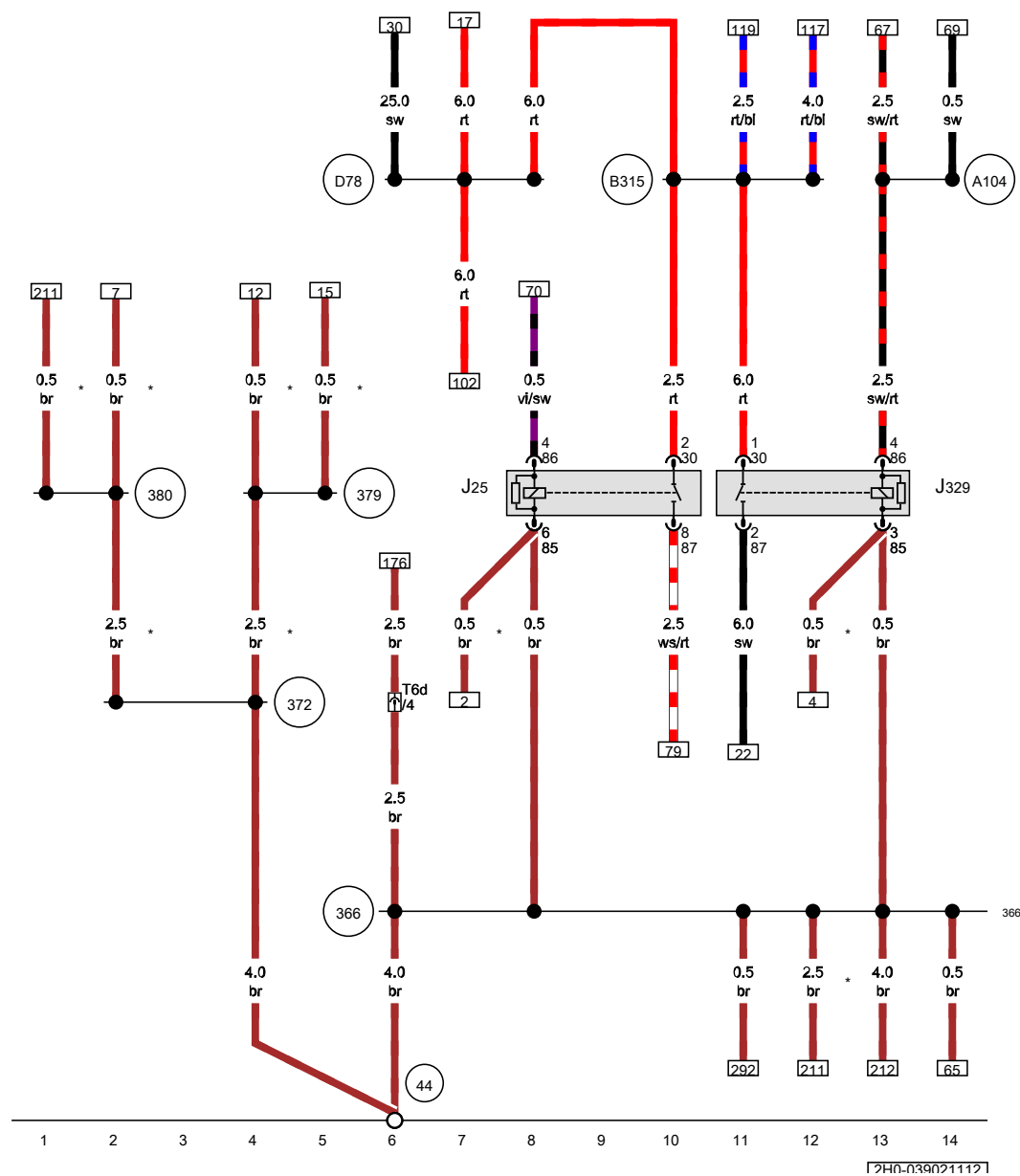
From May 2011

Headlight relay, Terminal 15 voltage supply relay

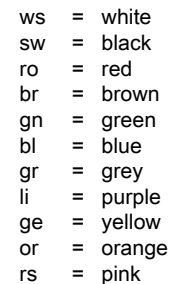
J25 Headlight relay
J329 Terminal 15 voltage supply relay
T6d 6-pin connector, grey

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

* From November 2011

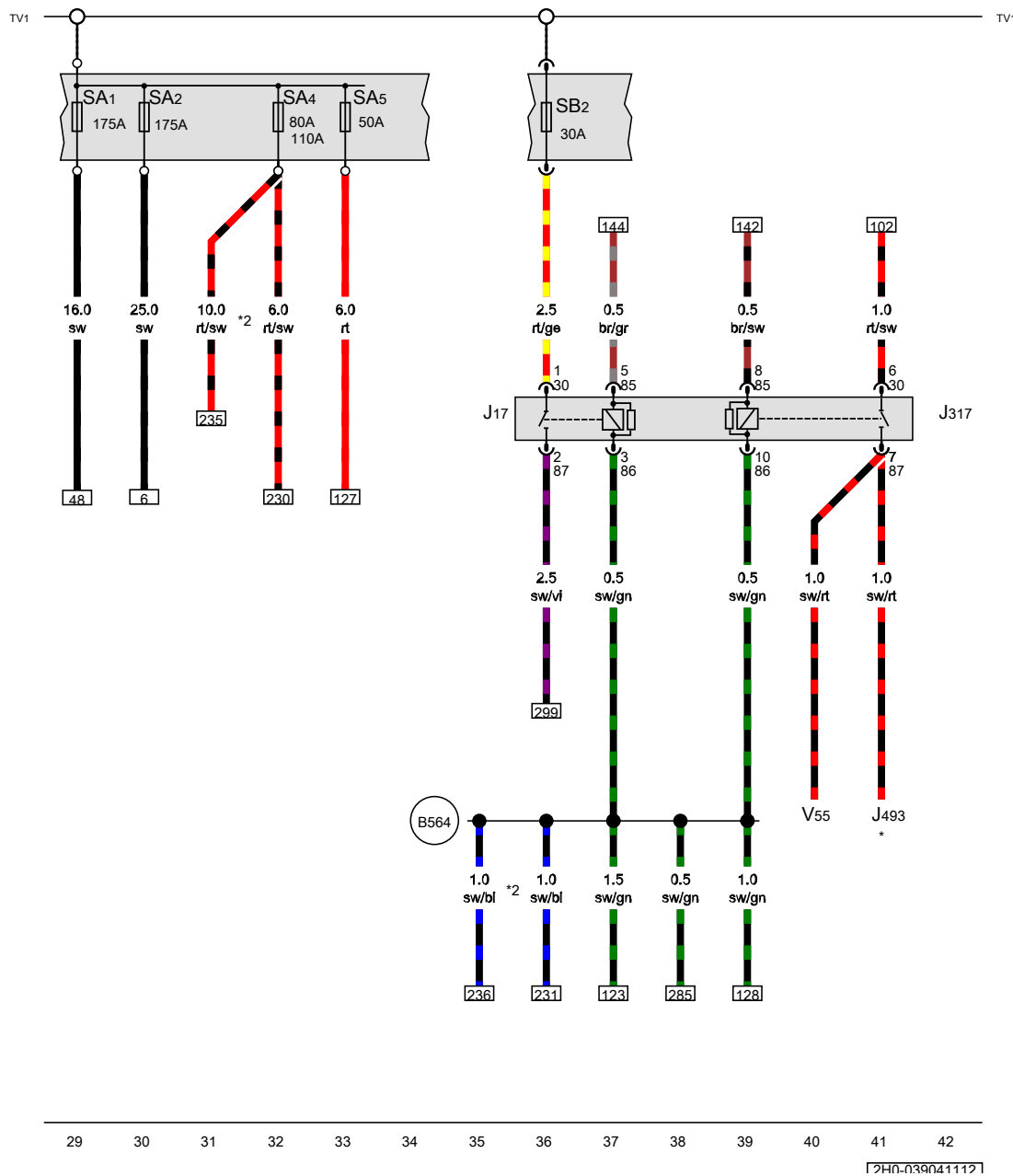


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- 1 Earth strap, battery - body
- 366 Earth connection 1, in main wiring harness
- A15 Positive connection (15), in instrument wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- B485 Connection 21, in main wiring harness
- B490 Connection 26, in main wiring harness

* From November 2011

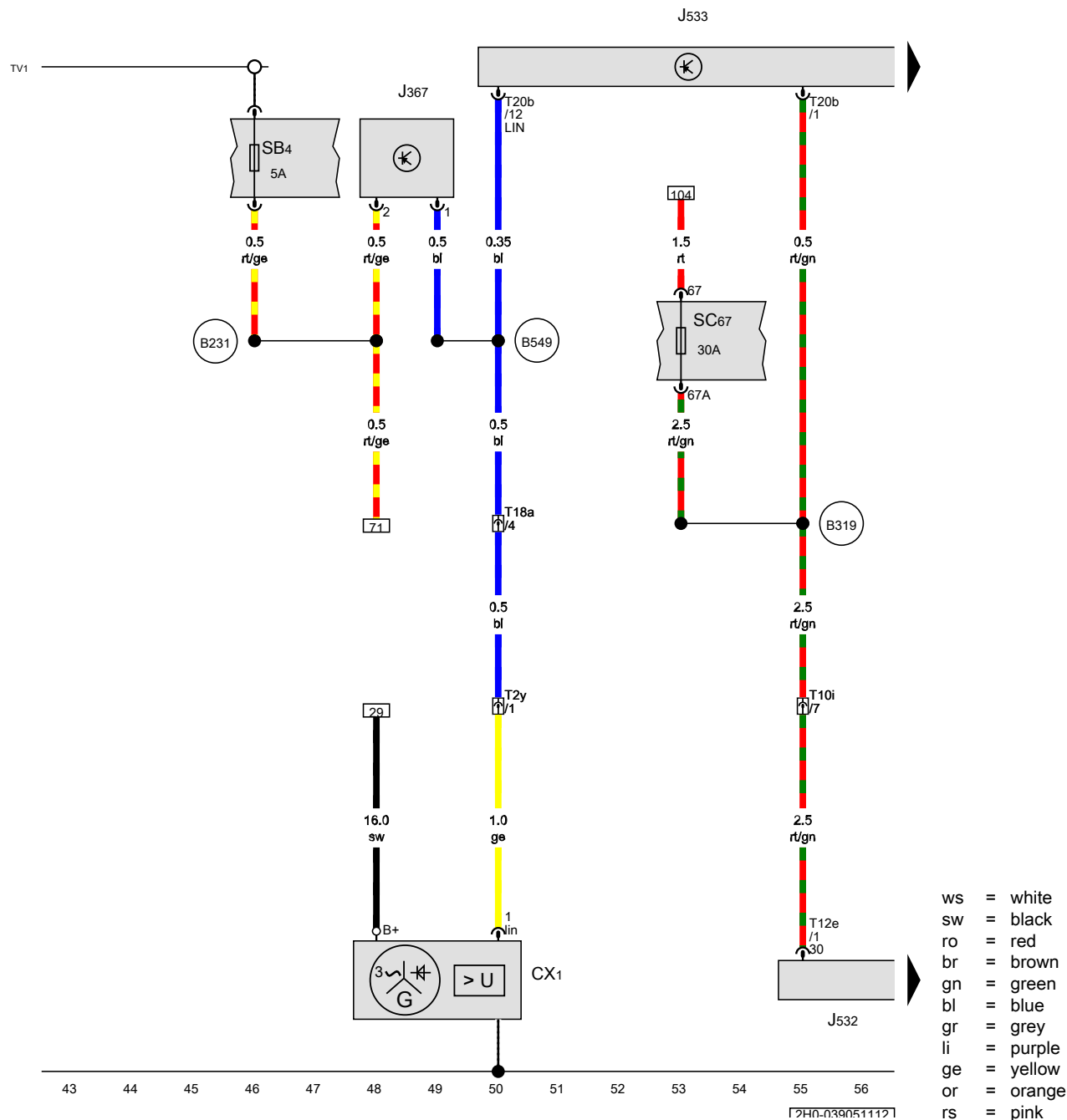


Fuel pump relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 5 in fuse holder A

- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- V55 Circulation pump

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for air conditioning
- *2 Only for countries with hot climate



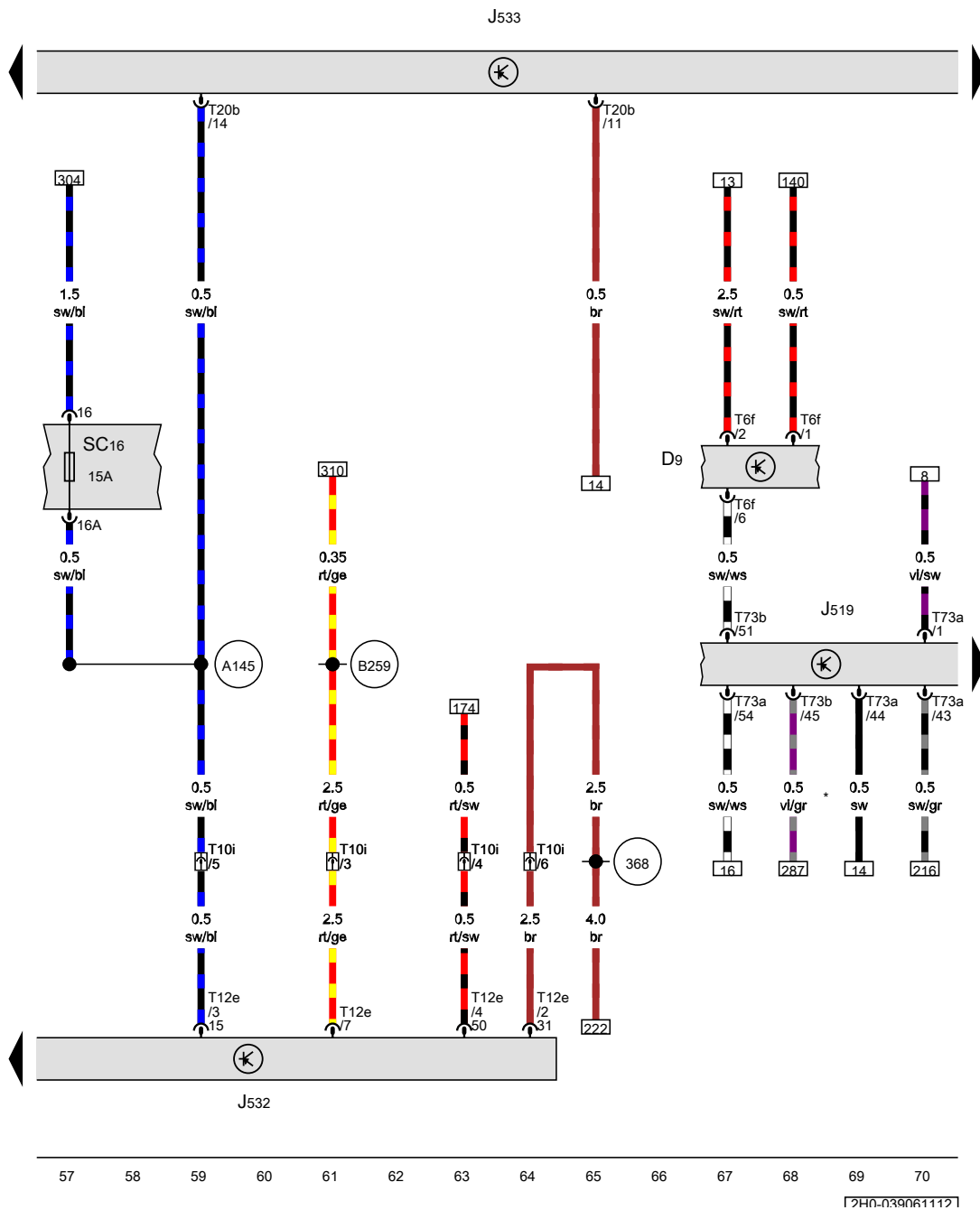
Alternator with voltage regulator, Battery monitor control unit, Voltage stabiliser, Data bus diagnostic interface, Fuse 67 on fuse holder C

- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J532 Voltage stabiliser, in front left wing
- J533 Data bus diagnostic interface
- SB4 Fuse 4 on fuse holder B
- SC67 Fuse 67 on fuse holder C
- T2y 2-pin connector, black
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T20b 20-pin connector, black
- B231 Positive connection 5 (30a), in interior wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

Electronic ignition lock, Onboard supply control unit, Voltage stabiliser, Data bus diagnostic interface, Fuse 16 on fuse holder C

- D9 Electronic ignition lock
- J519 Onboard supply control unit
- J532 Voltage stabiliser, in front left wing
- J533 Data bus diagnostic interface
- SC16 Fuse 16 on fuse holder C
- T6f 6-pin connector, black
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector, black
- T20b 20-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector

- 368 Earth connection 3, in main wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- B259 Connection (start/stop signal), in interior wiring harness
- * Only models with cruise control system (CCS)

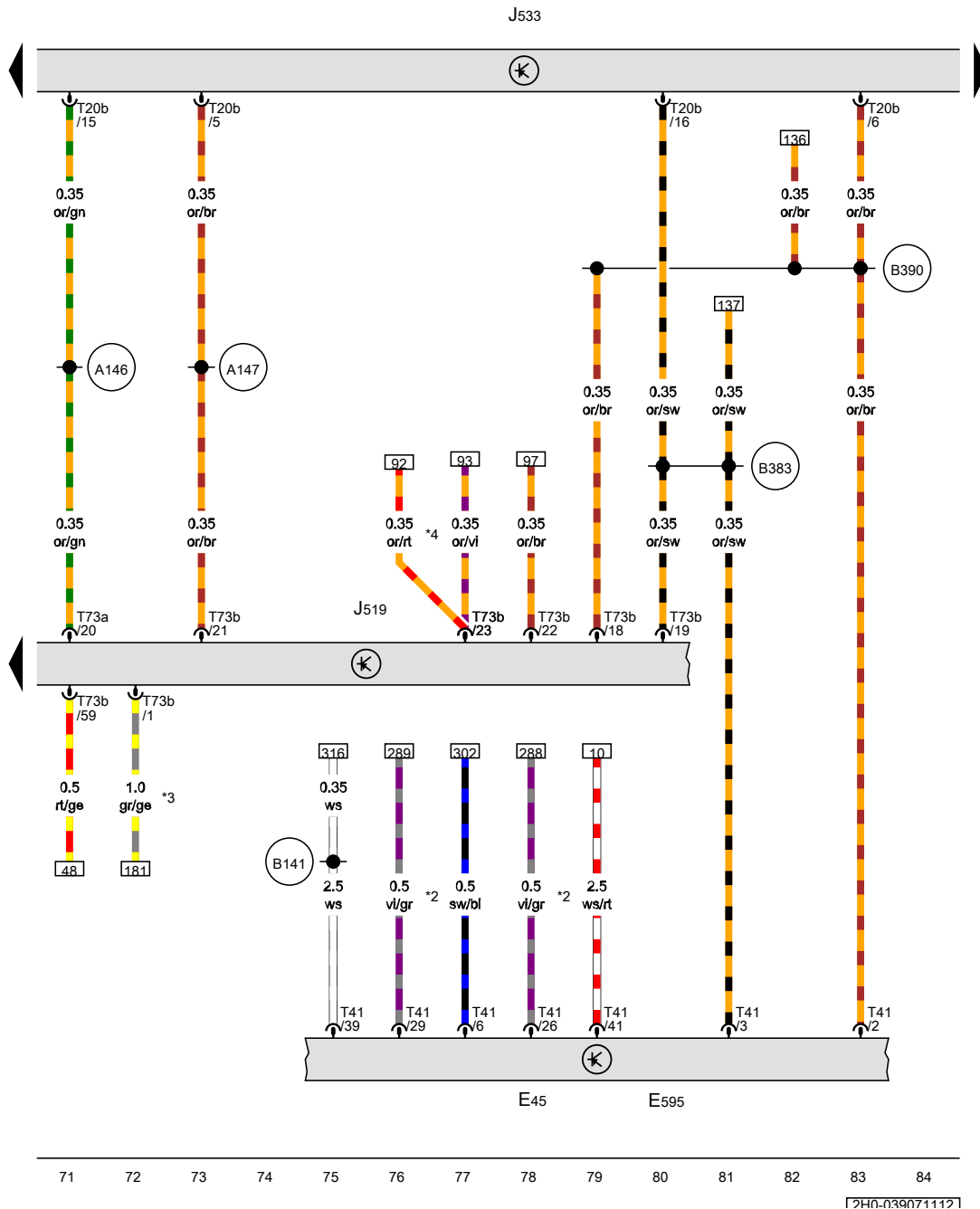


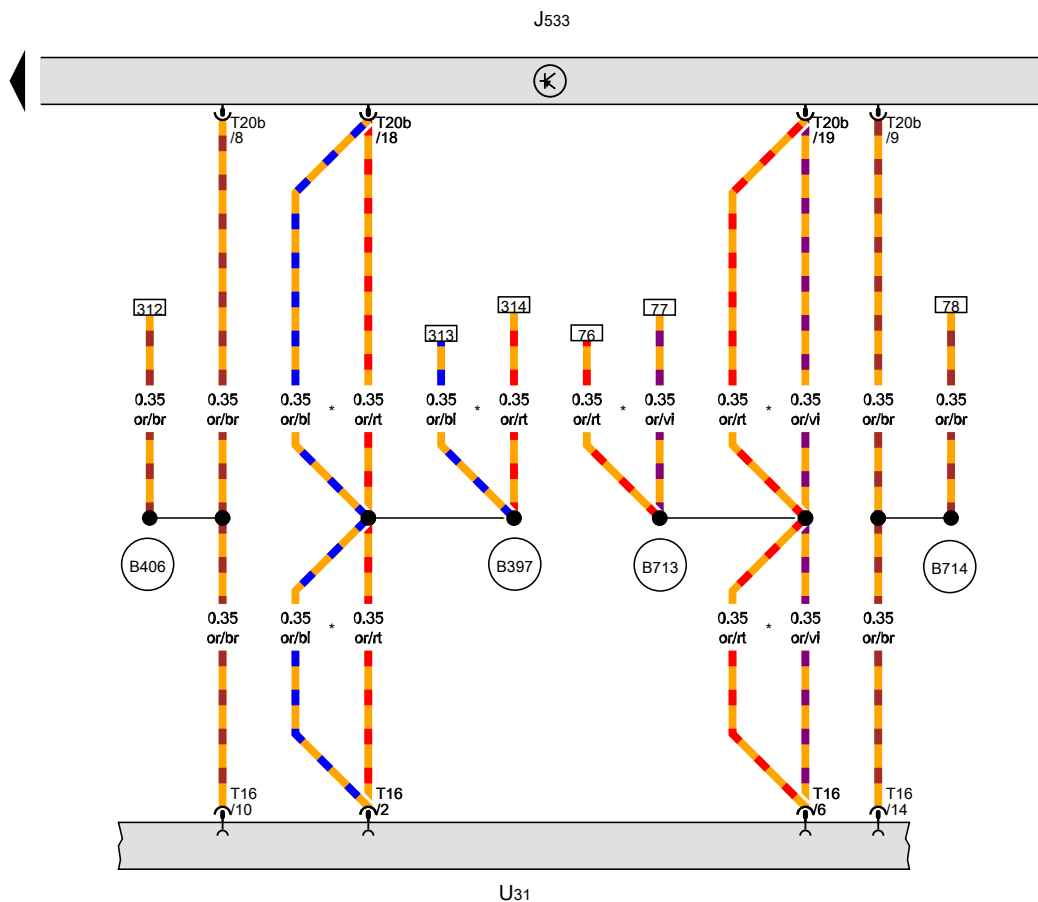
ws = white
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 gr = grey
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 rs = pink

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Data bus diagnostic interface

- E45 Cruise control system switch
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T20b 20-pin connector, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B141 Positive connection 1 (56a), 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
- * Only models with Climatronic
- *2 Only models with cruise control system (CCS)
- *3 Only models with no headlight range control, see respective Current Flow Diagram headlight
- *4 From July 2011

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Data bus diagnostic interface, Diagnostic connection

J533 Data bus diagnostic interface
 T16 16-pin connector, black
 T20b 20-pin connector, black
 U31 Diagnostic connection

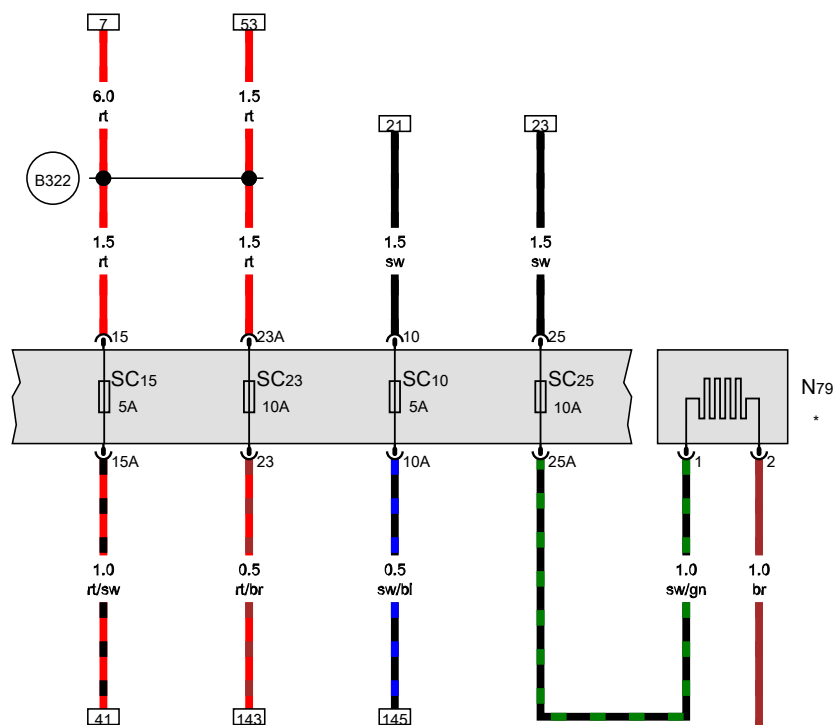
-  B397 Connection 1 (convenience CAN bus, high), in main wiring harness
-  B406 Connection 1 (convenience CAN bus, low), in main wiring harness
-  B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness
-  B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness

* From July 2011

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

[2400-039081112]



Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

- N79 Heater element for crankcase breather
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C

369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight

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

* Only models with crankcase breather heater element

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

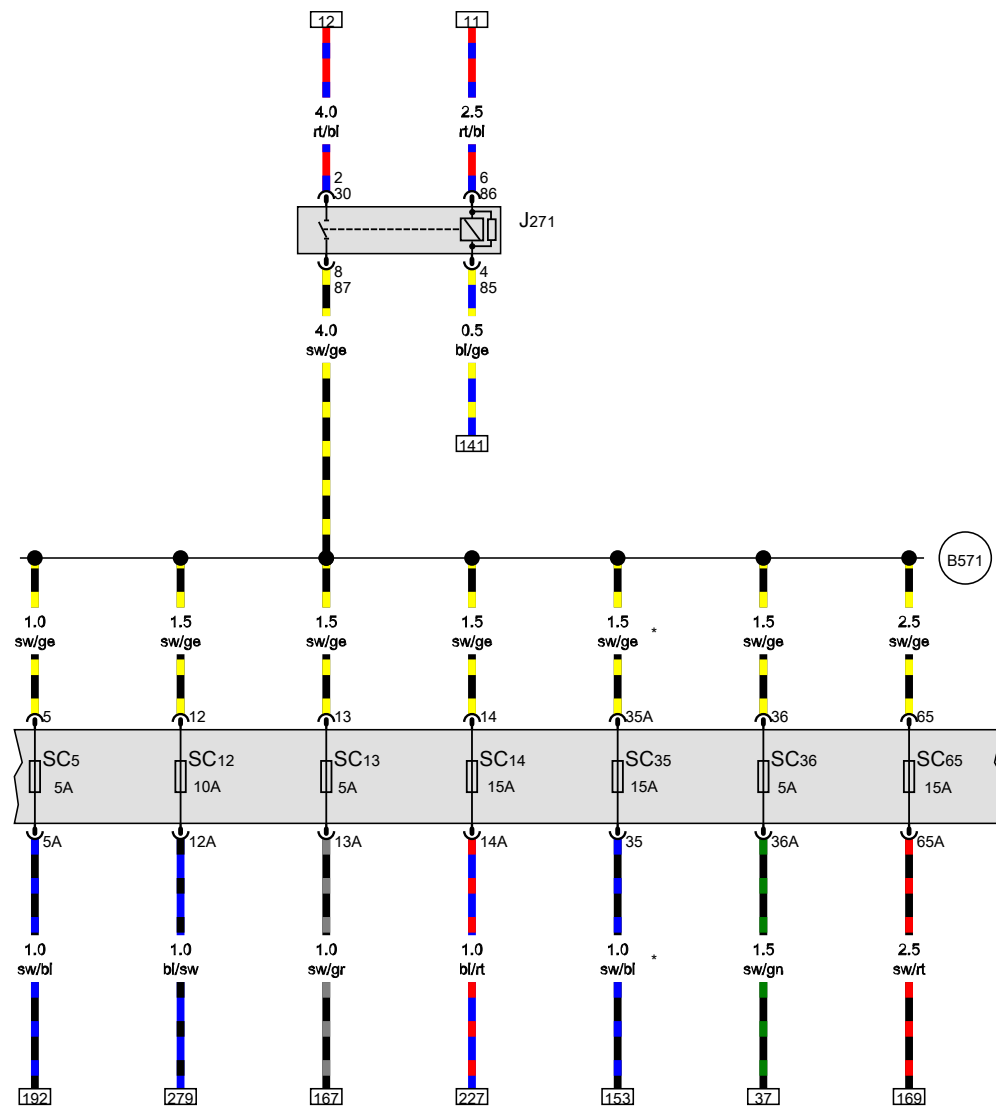
[740-039091112]

Main relay, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

- J271 Main relay, on relay carrier
- SC5 Fuse 5 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
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC65 Fuse 65 on fuse holder C

 Connection 38, in main wiring harness

* Only models with Euro 5 emission standard



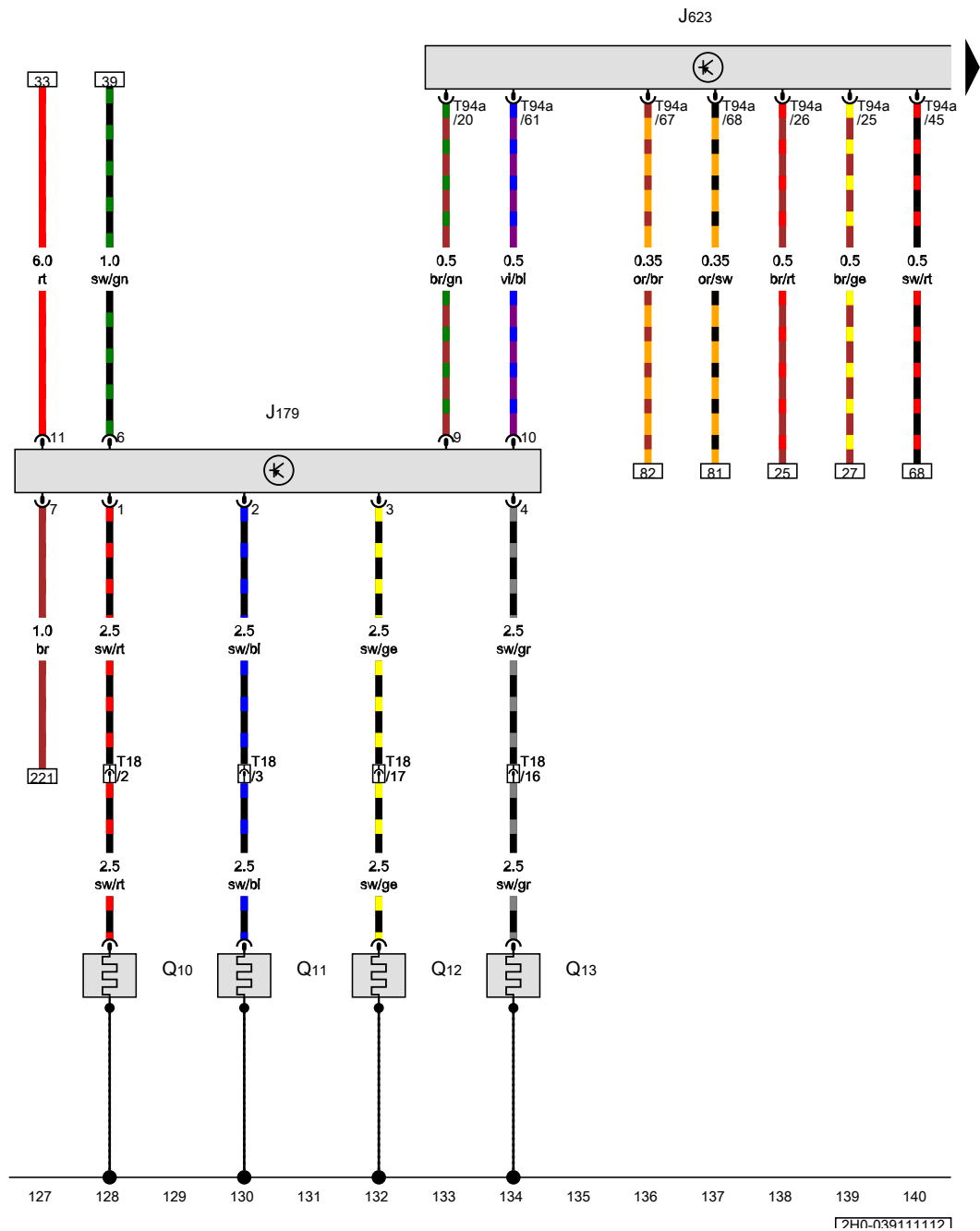
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113 114 115 116 117 118 119 120 121 122 123 124 125 126

[7400-039101117]

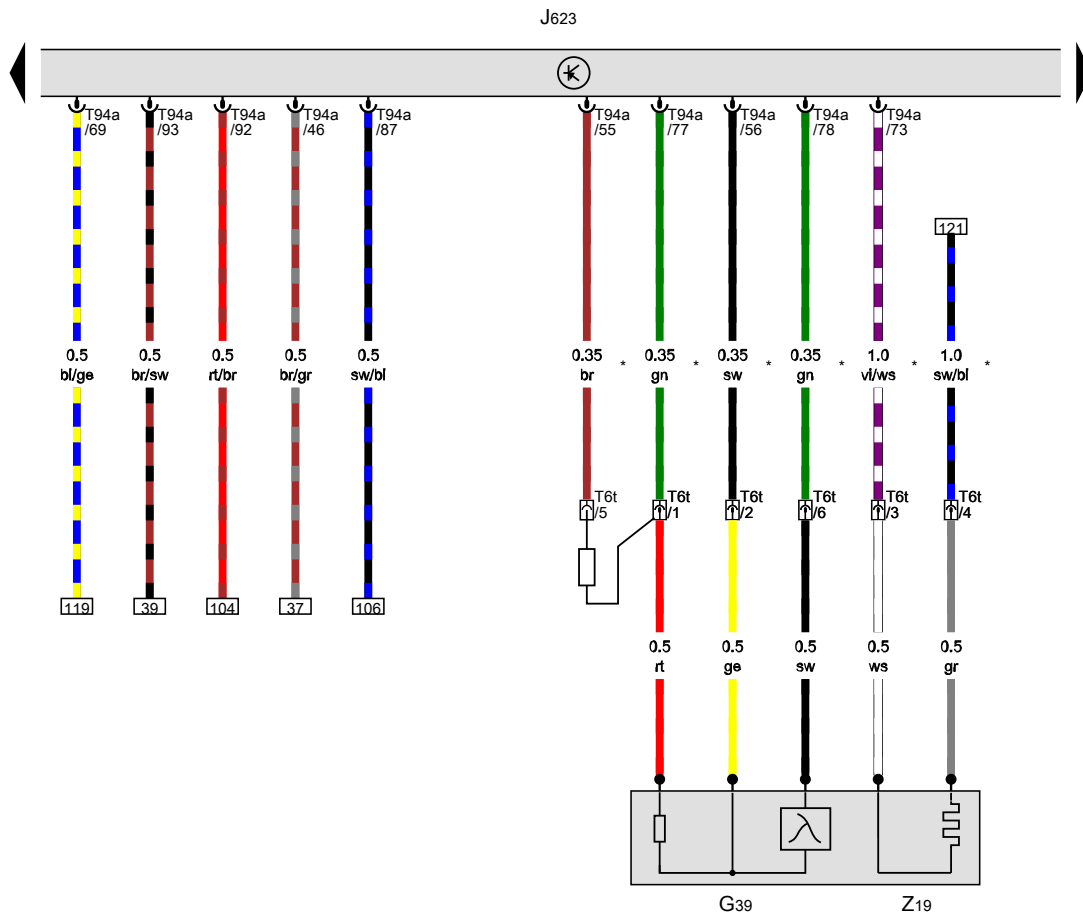
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black



Lambda probe, Engine control unit

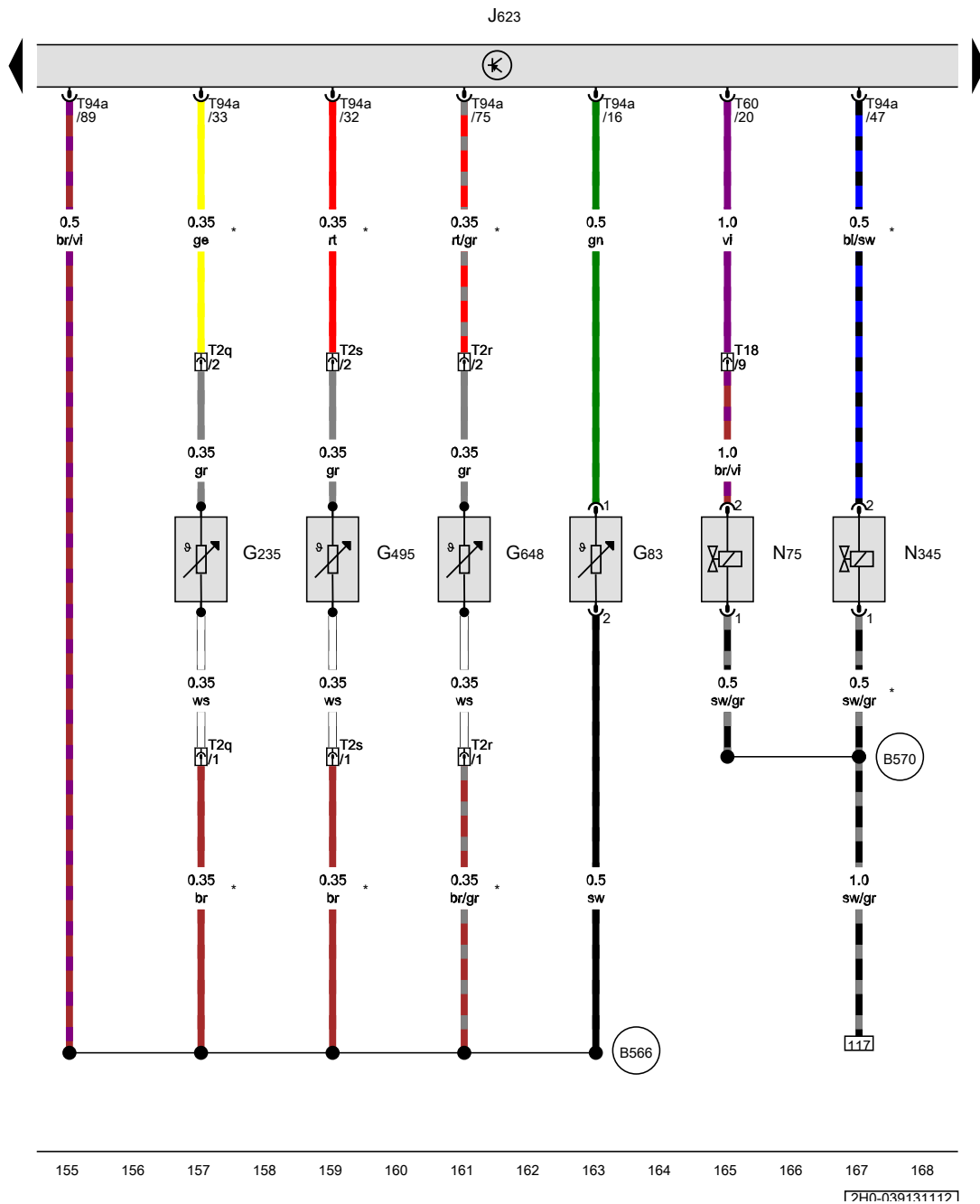
- G39 Lambda probe
- J623 Engine control unit
- T6t 6-pin connector, front right in engine compartment, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater
- * Only models with Euro 5 emission standard



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

[74H0-039121112]



Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

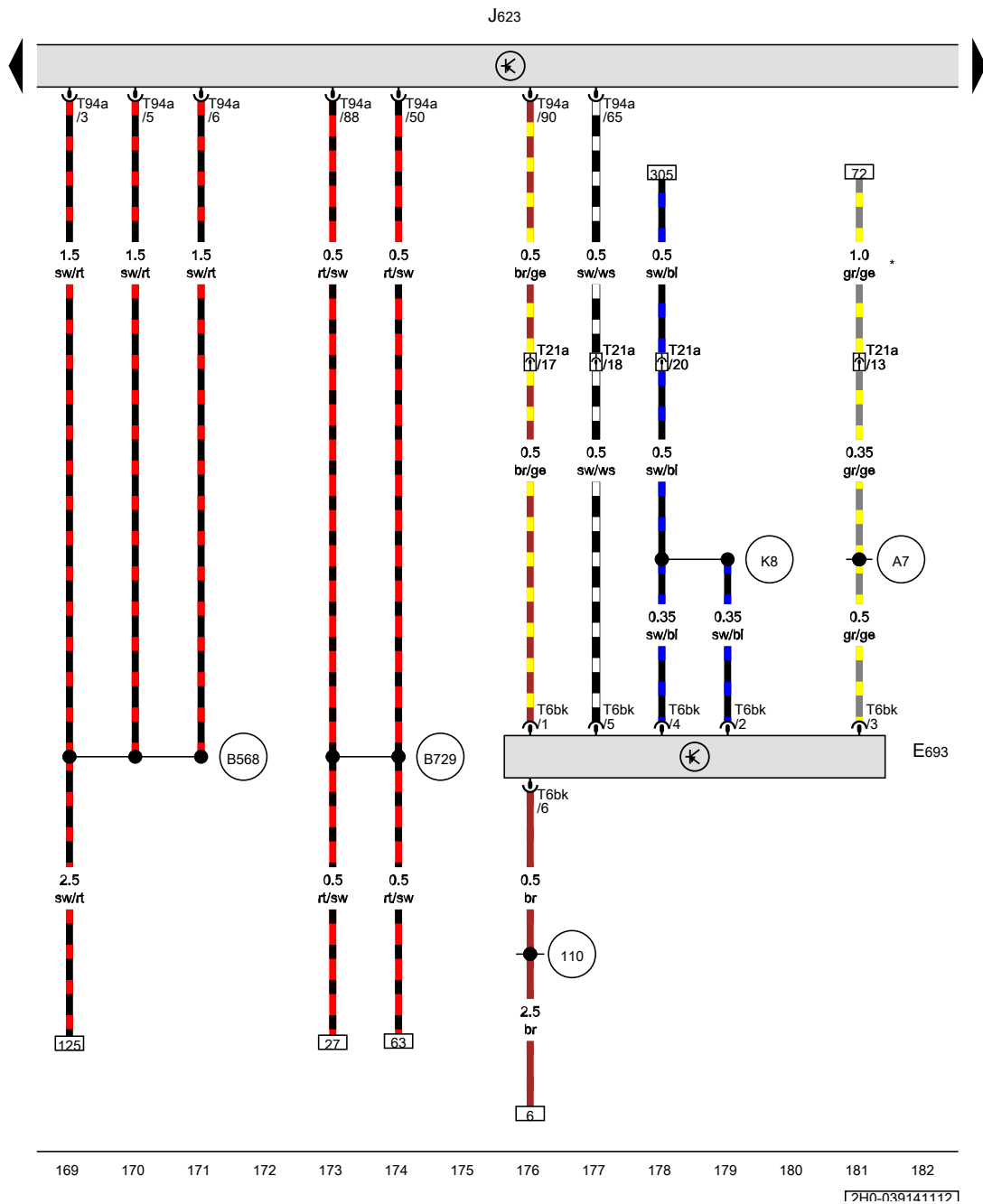
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N345 Exhaust gas recirculation cooler changeover valve
- T2q 2-pin connector, black
- T2r 2-pin connector, orange
- T2s 2-pin connector, brown
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

B570 Connection 37, in main wiring harness

* Only models with Euro 5 emission standard

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Start/Stop operation button, Engine control unit

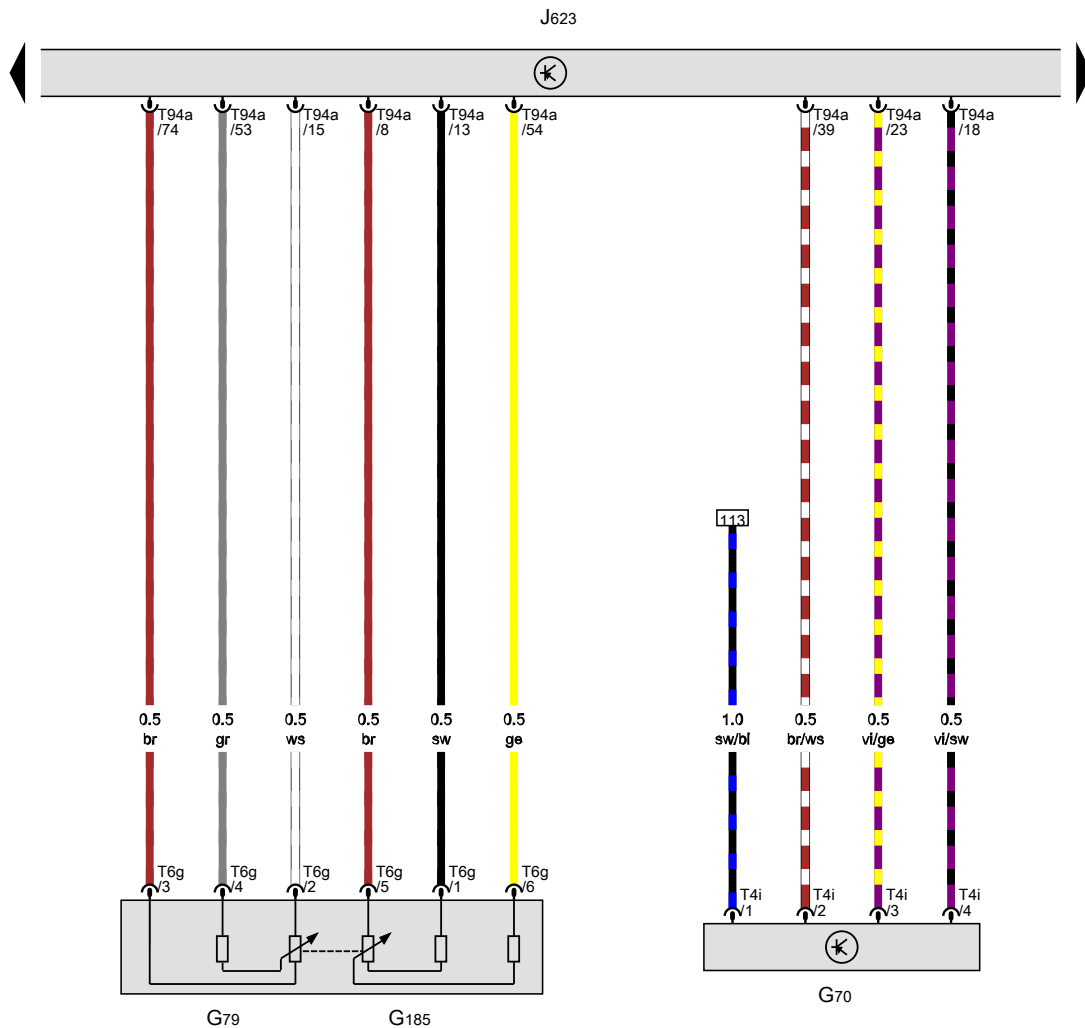
E693 Start/Stop operation button
J623 Engine control unit
T6bk 6-pin connector, green
T21a 21-pin connector, on relay carrier, brown
T94a 94-pin connector, black

- 110 Earth connection 2, in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B568 Connection 35, in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- K8 Connection 1, in centre console wiring harness

* Only models with no headlight range control, see respective Current Flow Diagram headlight

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

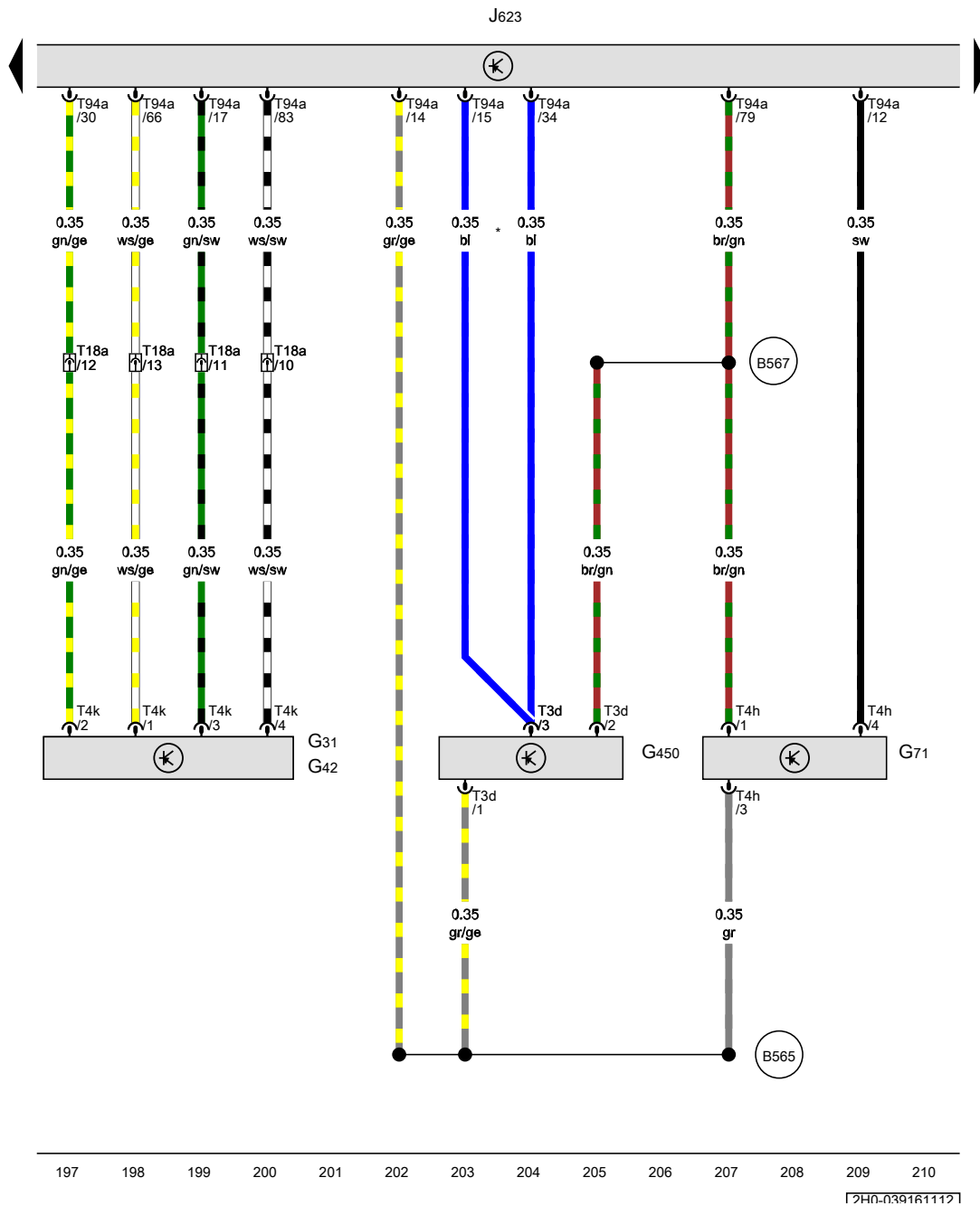
- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4i 4-pin connector, black
- T6g 6-pin connector, black
- T94a 94-pin connector, black



- ws = white
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- gr = grey
- li = purple
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- rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

[740-039151112]



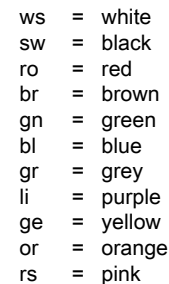
Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit
- T3d 3-pin connector, black
- T4h 4-pin connector, black
- T4k 4-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with Euro 3 emission standard

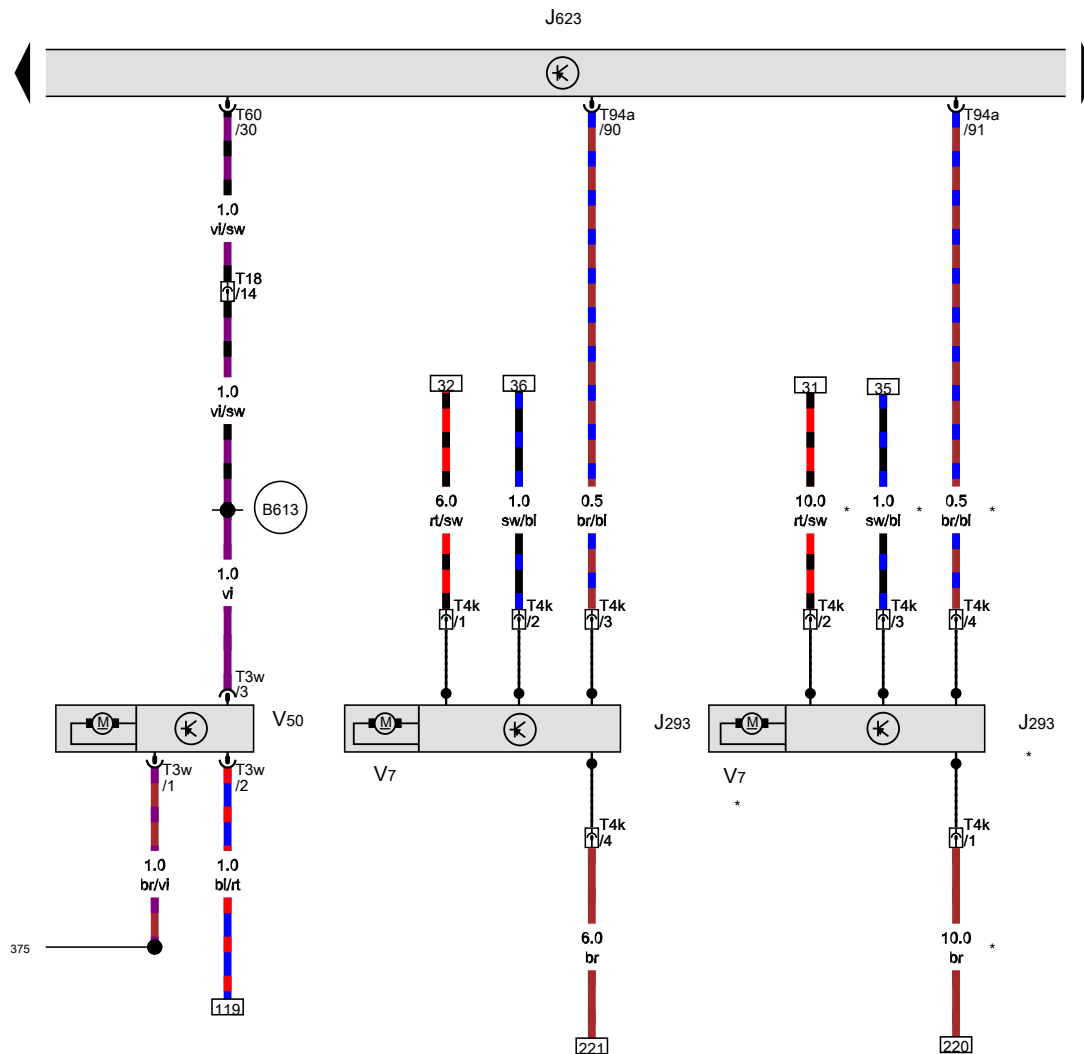


- 371 Earth connection 6, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B482 Connection 18, in main wiring harness
- X130 Connection 3, in optional equipment wiring harness
- X131 Connection 4, in optional equipment wiring harness

* Only models with electric interface for external use

*2 Only for countries with hot climate

*3 From November 2011



Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- T3w 3-pin connector, black
- T4k 4-pin connector, on radiator cowling, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

375 Earth connection 10, in main wiring harness

B613 Connection 41, in main wiring harness

* Only for countries with hot climate

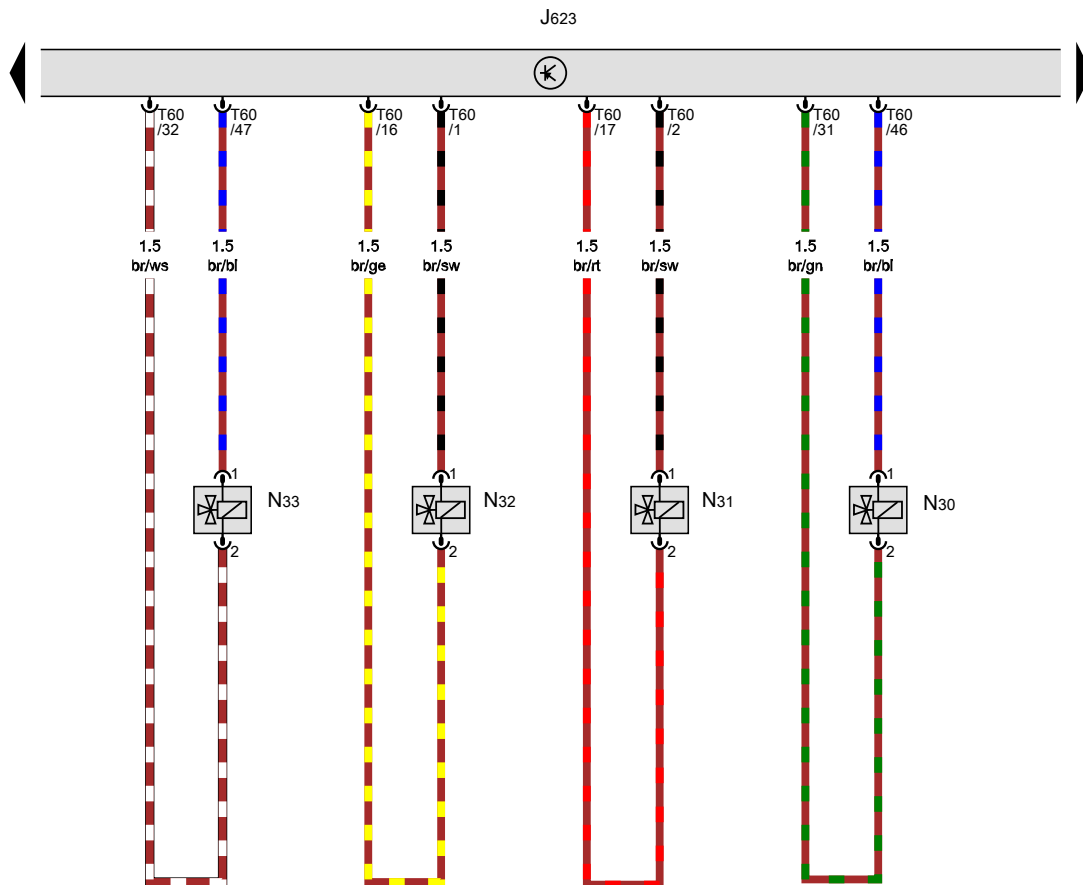
- ws = white
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225 226 227 228 229 230 231 232 233 234 235 236 237 238

[7H0-039181117]

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

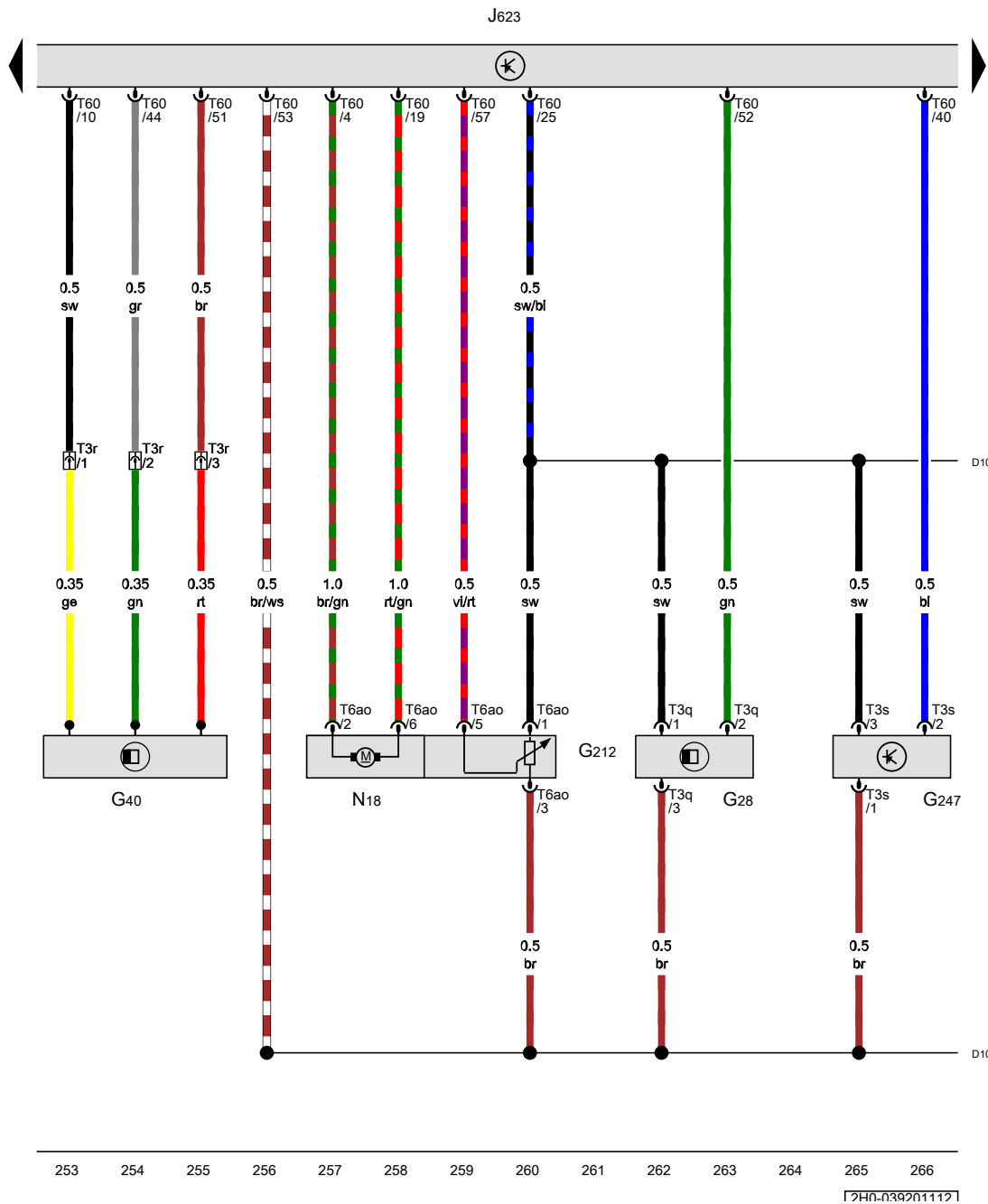
J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T60 60-pin connector, black



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gr = grey
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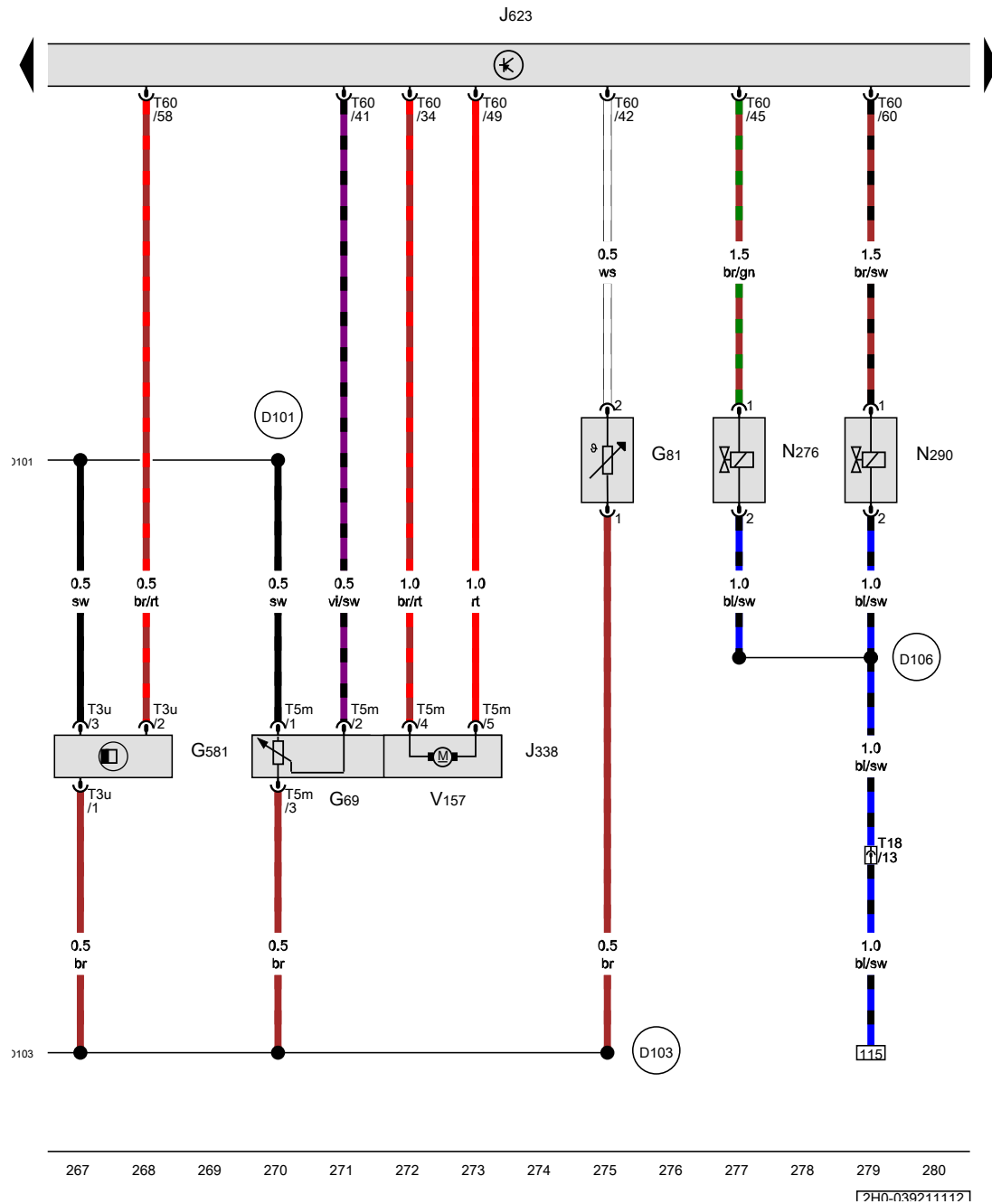
239 240 241 242 243 244 245 246 247 248 249 250 251 252

[74H0-039191117]



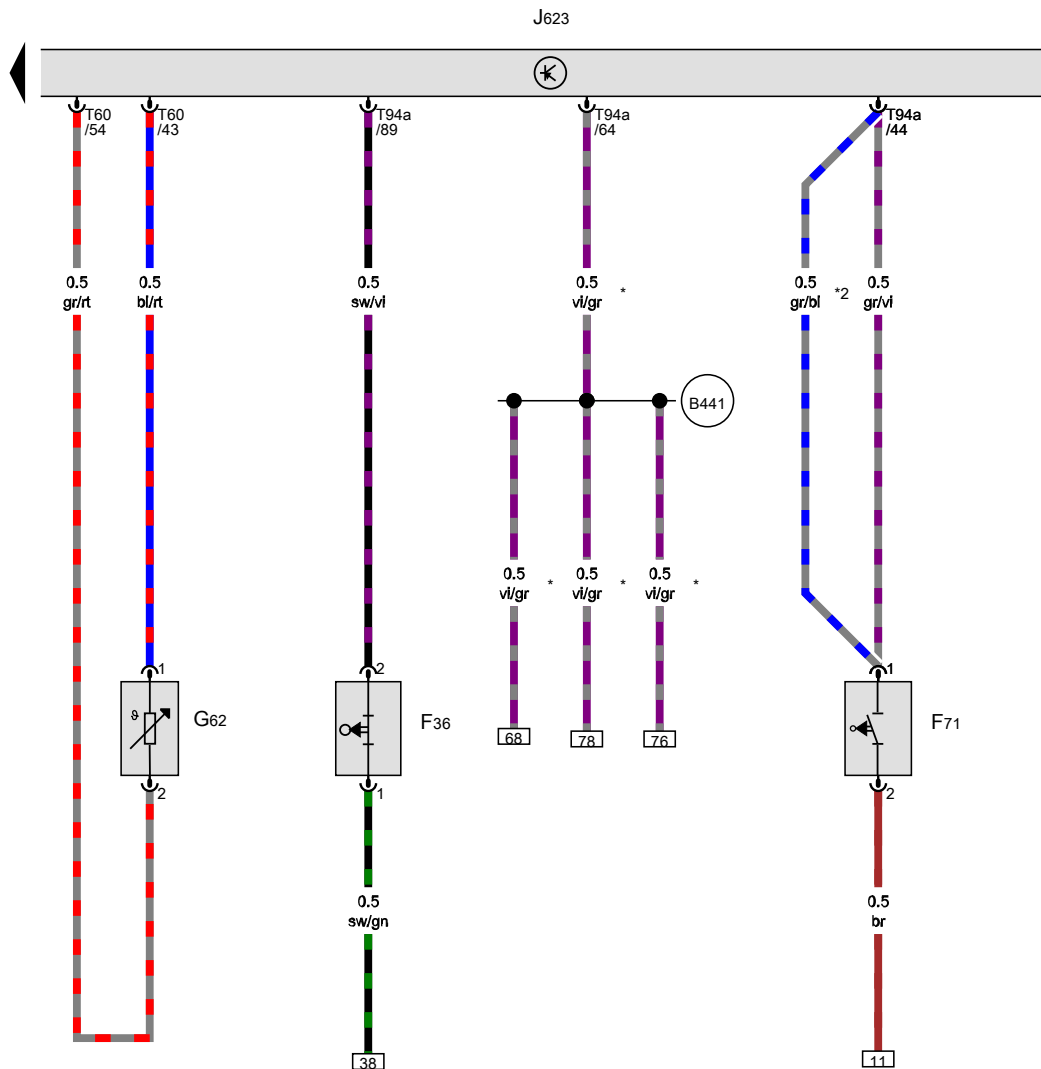
Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector, black
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector, black
- T6ao 6-pin connector, grey
- T60 60-pin connector, black
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness



Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module, black
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T3u 3-pin connector, black
- T5m 5-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- V157 Intake manifold flap motor
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness



Clutch pedal switch for stop/start system, Coolant temperature sender, Engine control unit

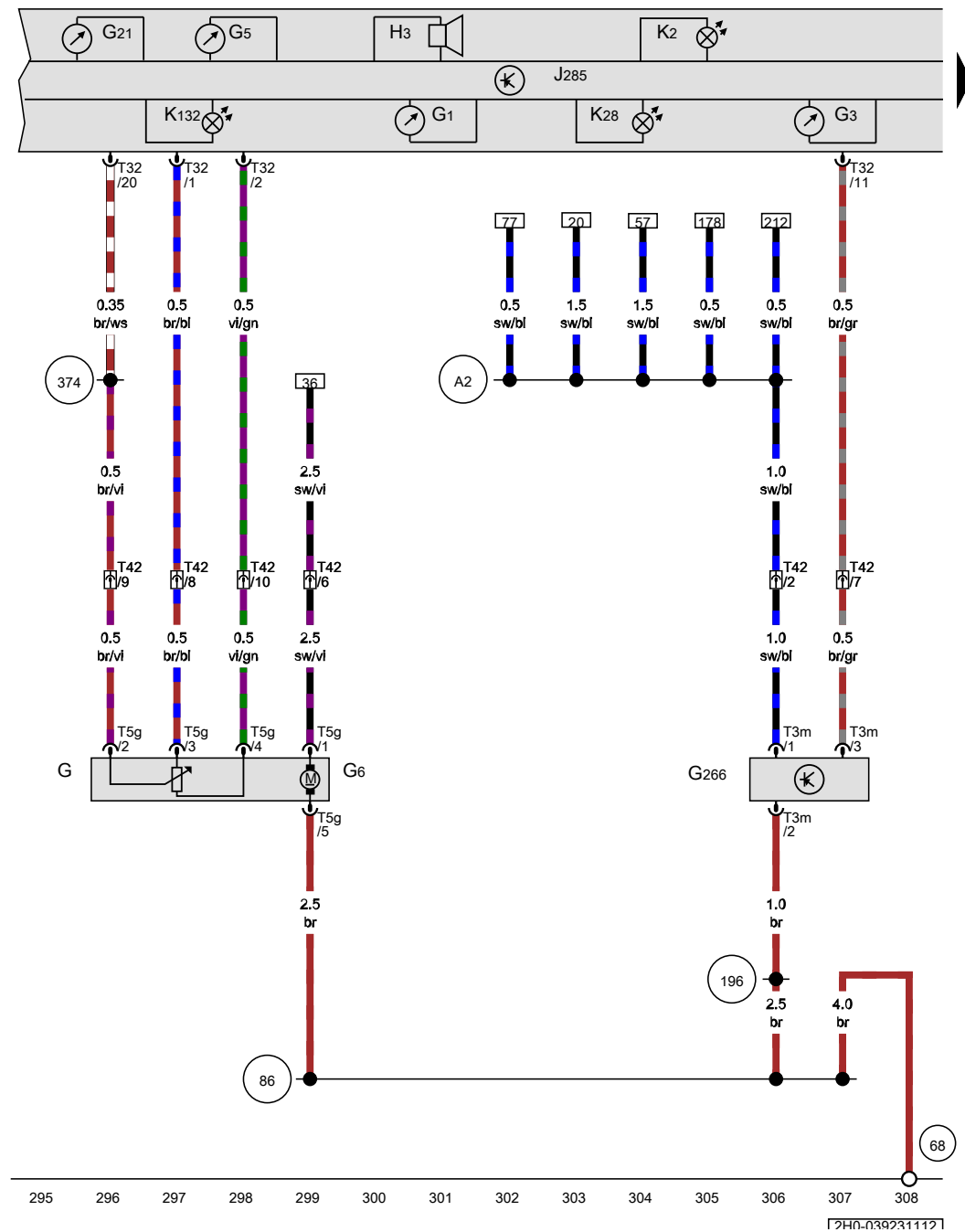
- F36 Clutch pedal switch
- F71 Clutch pedal switch for stop/start system
- G62 Coolant temperature sender
- J623 Engine control unit
- T60 60-pin connector, black
- T94a 94-pin connector, black
- B441 Connection (CCS), in main wiring harness

* Only models with cruise control system (CCS)
*2 From July 2011

281 282 283 284 285 286 287 288 289 290 291 292 293 294

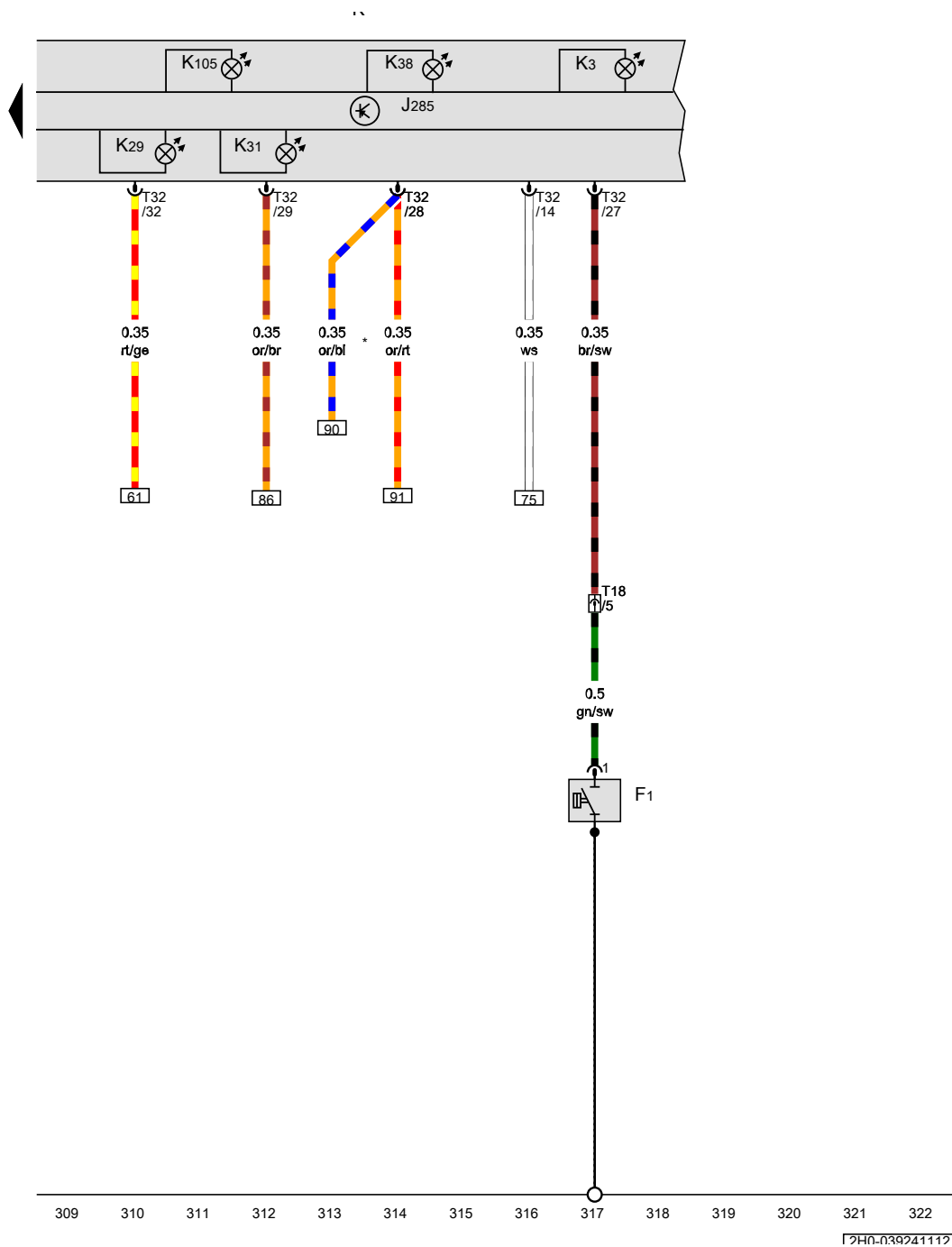
[74H0-039271117]

Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert



- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K132 Electronic power control fault lamp
- T3m 3-pin connector, black
- T5g 5-pin connector, black
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness

ws = white
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Oil pressure switch, Dash panel insert

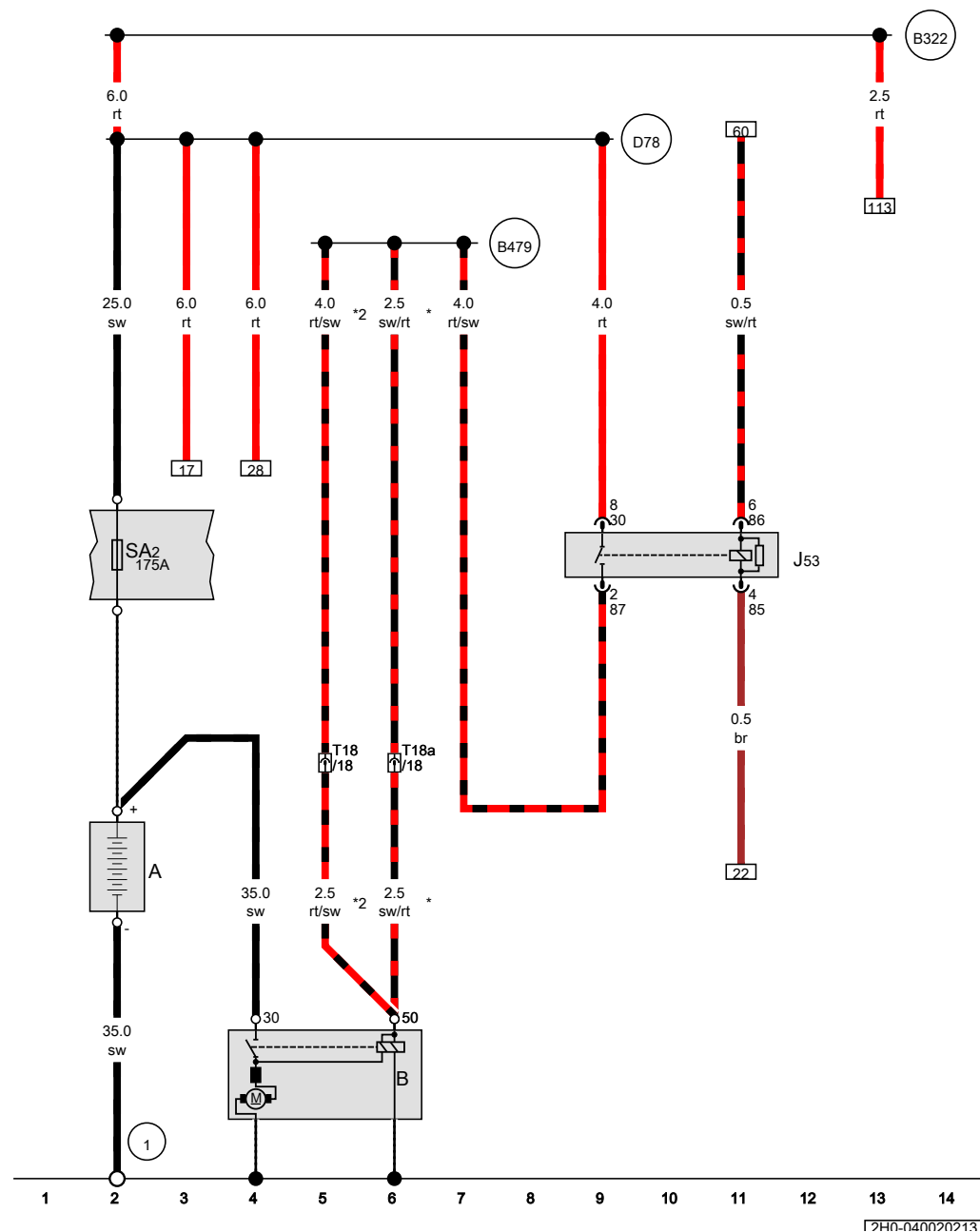
- F1 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- * From July 2011

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Basic equipment

From May 2011

Battery, Starter, Starter motor relay, Fuse 2 in fuse holder A



A	Battery
B	Starter
J53	Starter motor relay
SA2	Fuse 2 in fuse holder A
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
B322	Positive connection 8 (30a) in main wiring harness
B479	Connection 15, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

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Light switch, Terminal 15 voltage supply relay, Terminal 58b relief relay, Voltage supply relay 2

- E1 Light switch
- J329 Terminal 15 voltage supply relay
- J374 Terminal 58b relief relay
- J710 Voltage supply relay 2
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T6d 6-pin connector, on relay carrier, grey

366 Earth connection 1, in main wiring harness

379 Earth connection 14, in main wiring harness

A15 Positive connection (15), in instrument wiring harness

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

B476 Connection 12, in main wiring harness

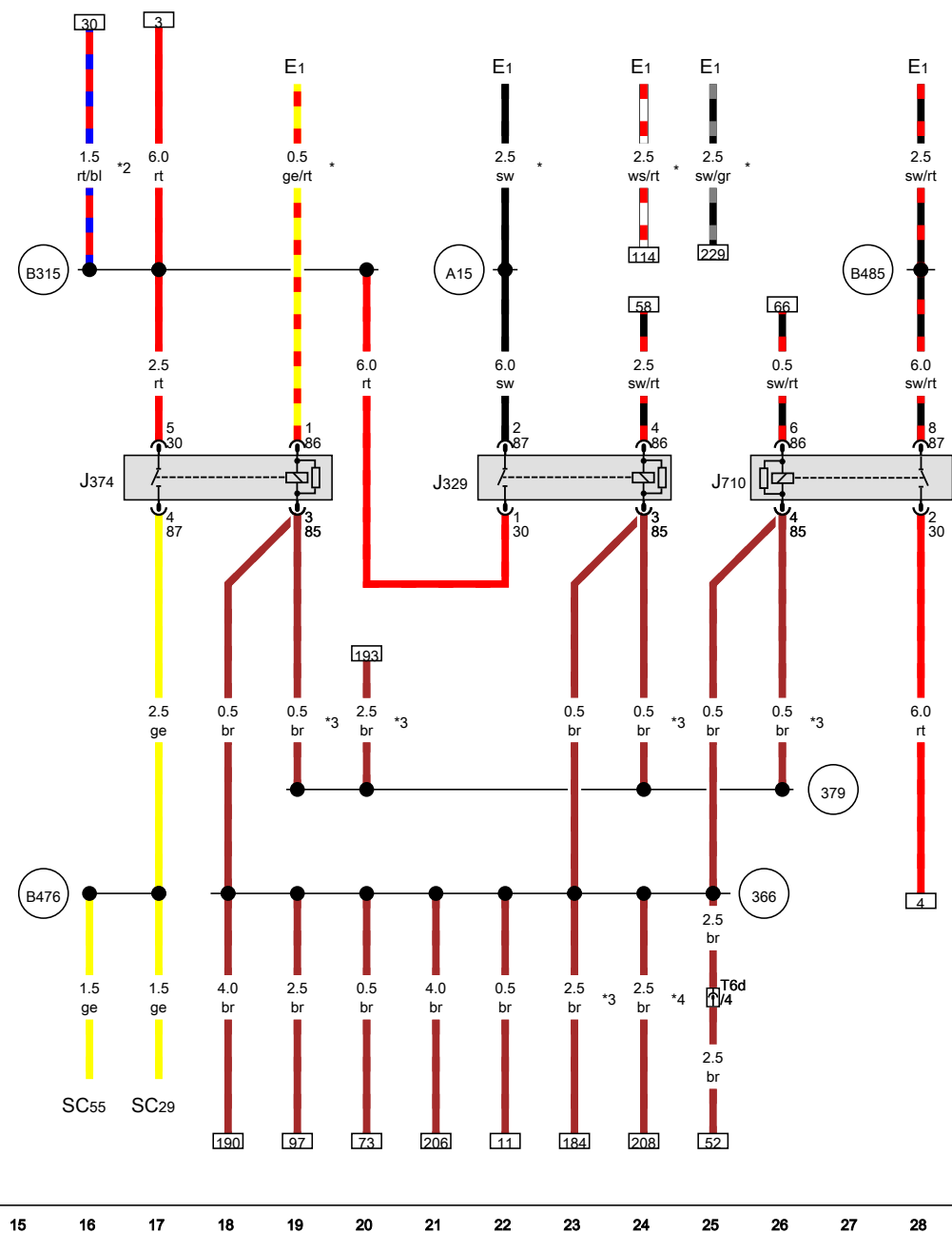
B485 Connection 21, in main wiring harness

* see applicable current flow diagram

*2 Only models with petrol engine

*3 From December 2011

*4 From November 2011



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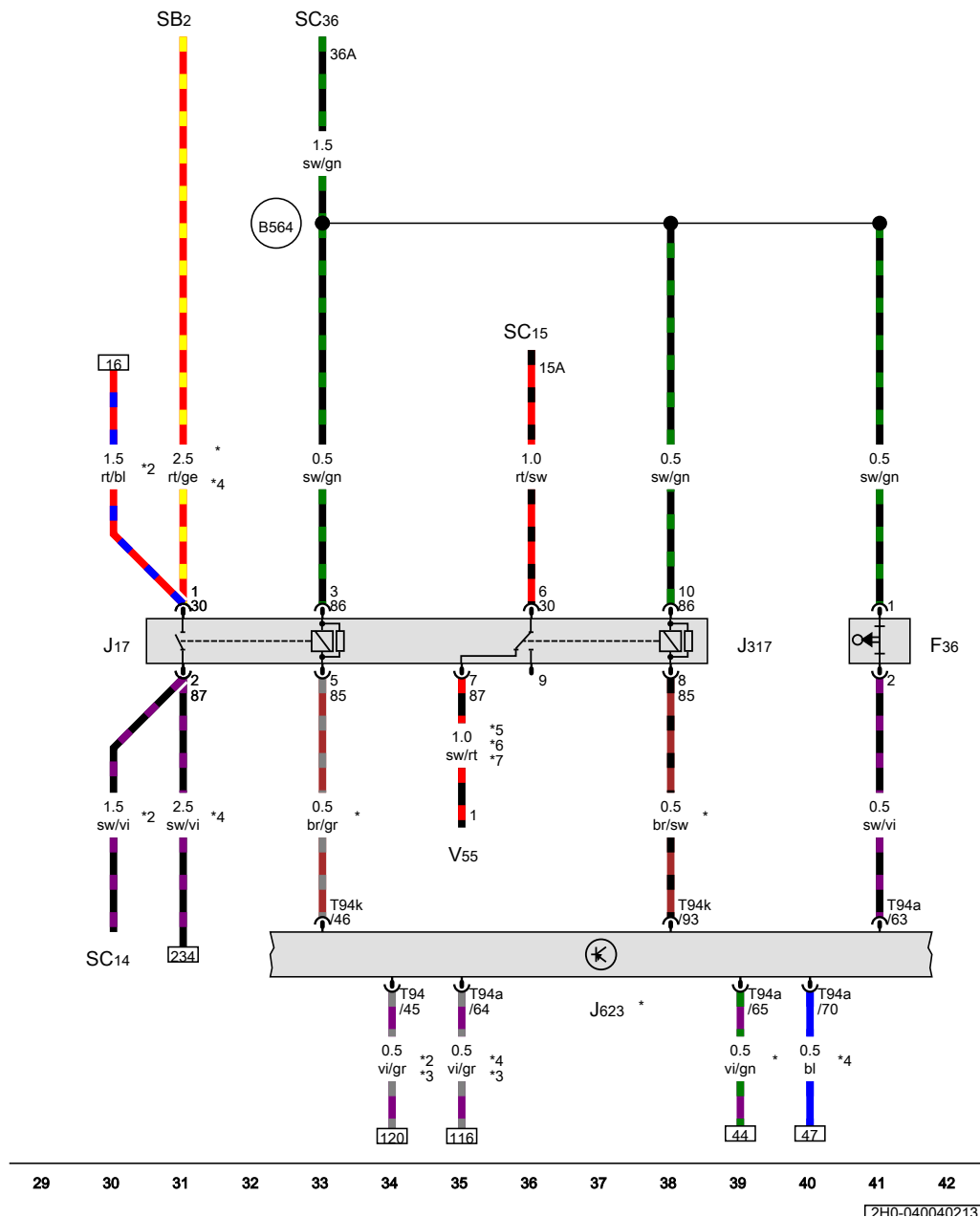
1740-0400302131

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

- F36 Clutch pedal switch
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector, black
- T94a 94-pin connector
- T94k 94-pin connector, black
- V55 Circulation pump

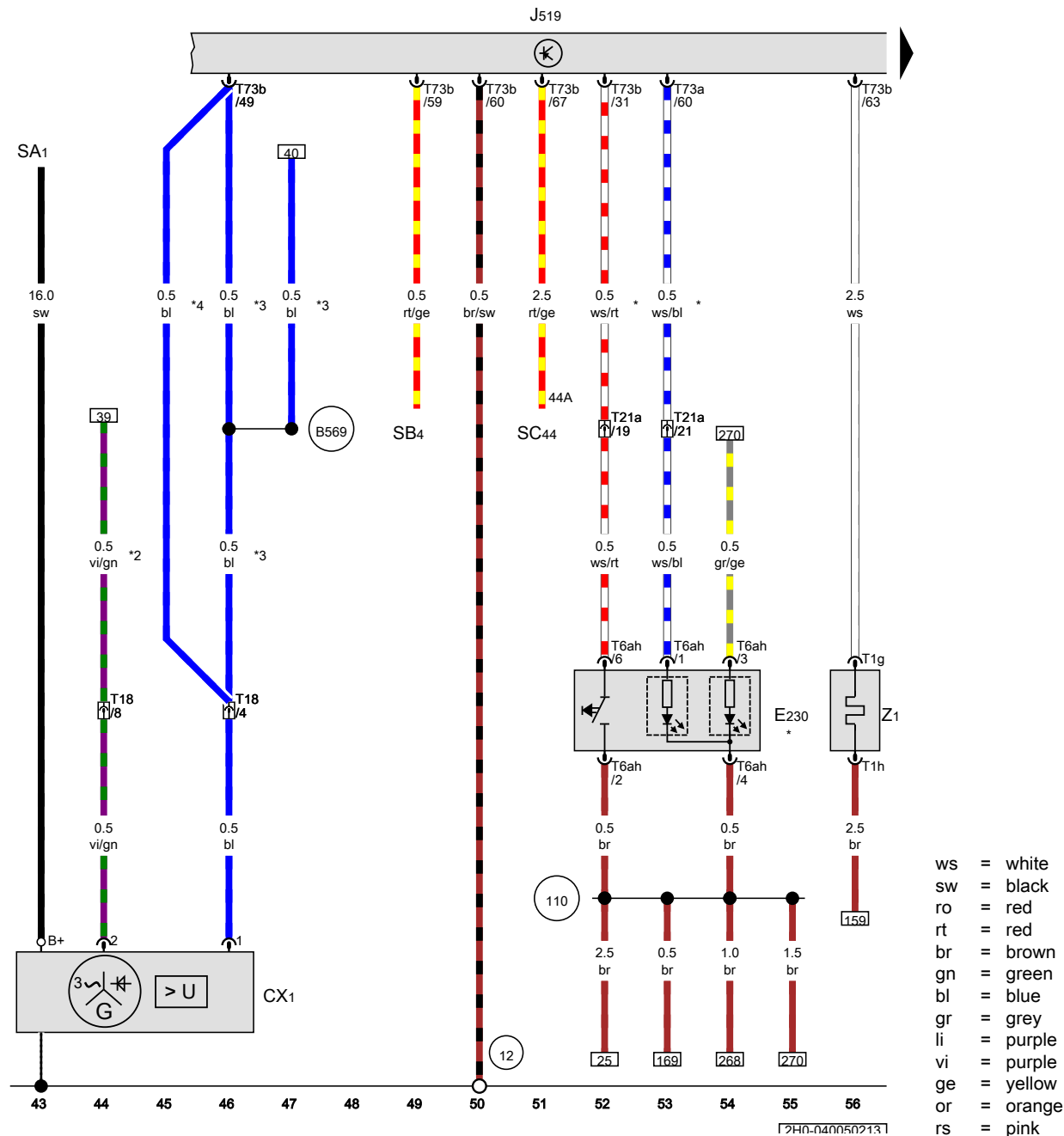
B564 Connection 31, in main wiring harness

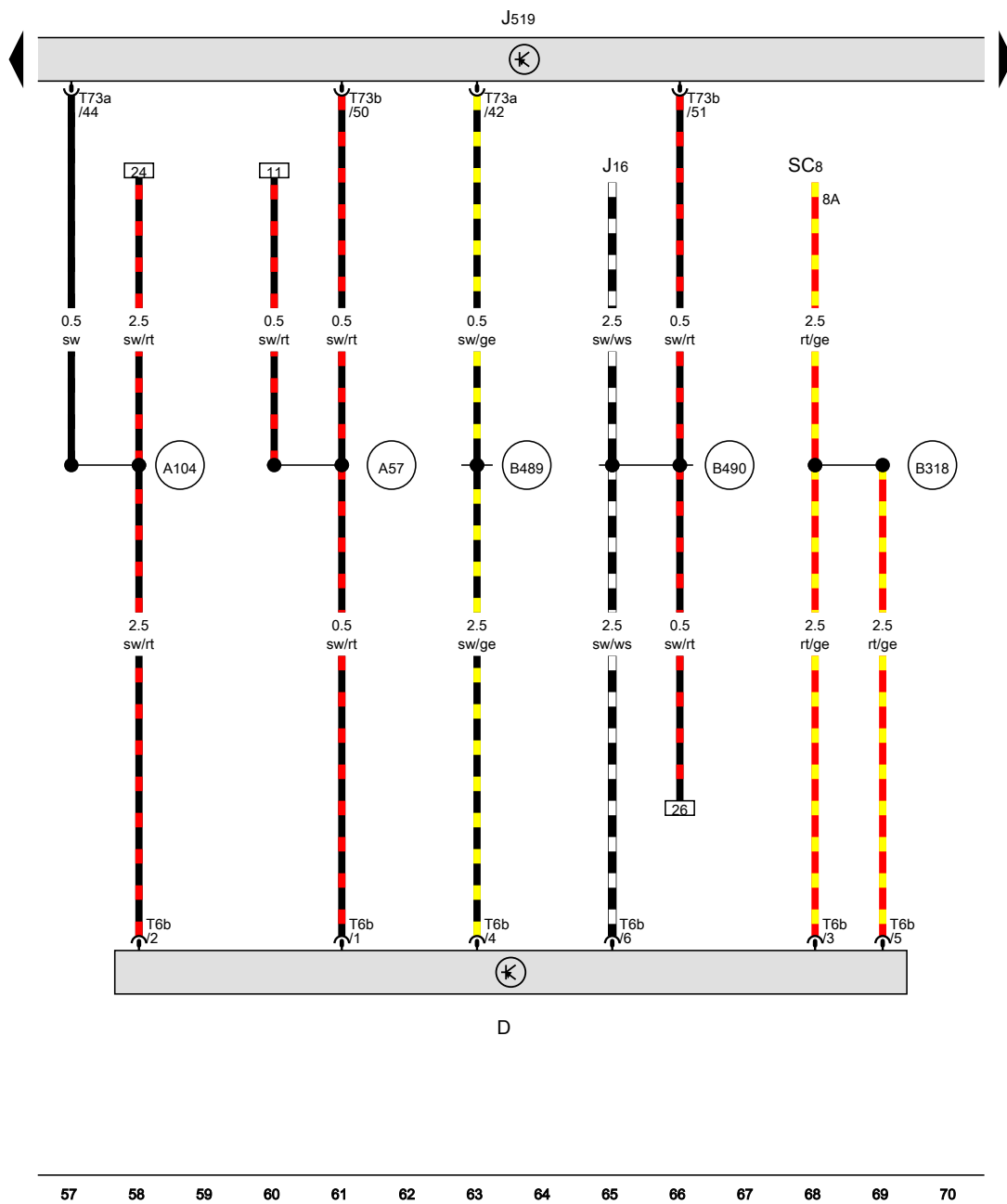
- * see applicable current flow diagram for engine
- *2 Only models with petrol engine
- *3 Only models with cruise control system (CCS)
- *4 Only models with diesel engine
- *5 Only models with no air conditioning system/Climatronic
- *6 see applicable current flow diagram for air conditioning
- *7 see applicable current flow diagram for automatic air conditioning system



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Alternator with voltage regulator, Heated rear window button, Fuse 4 on fuse holder B, Heated rear window





[740-040060213]

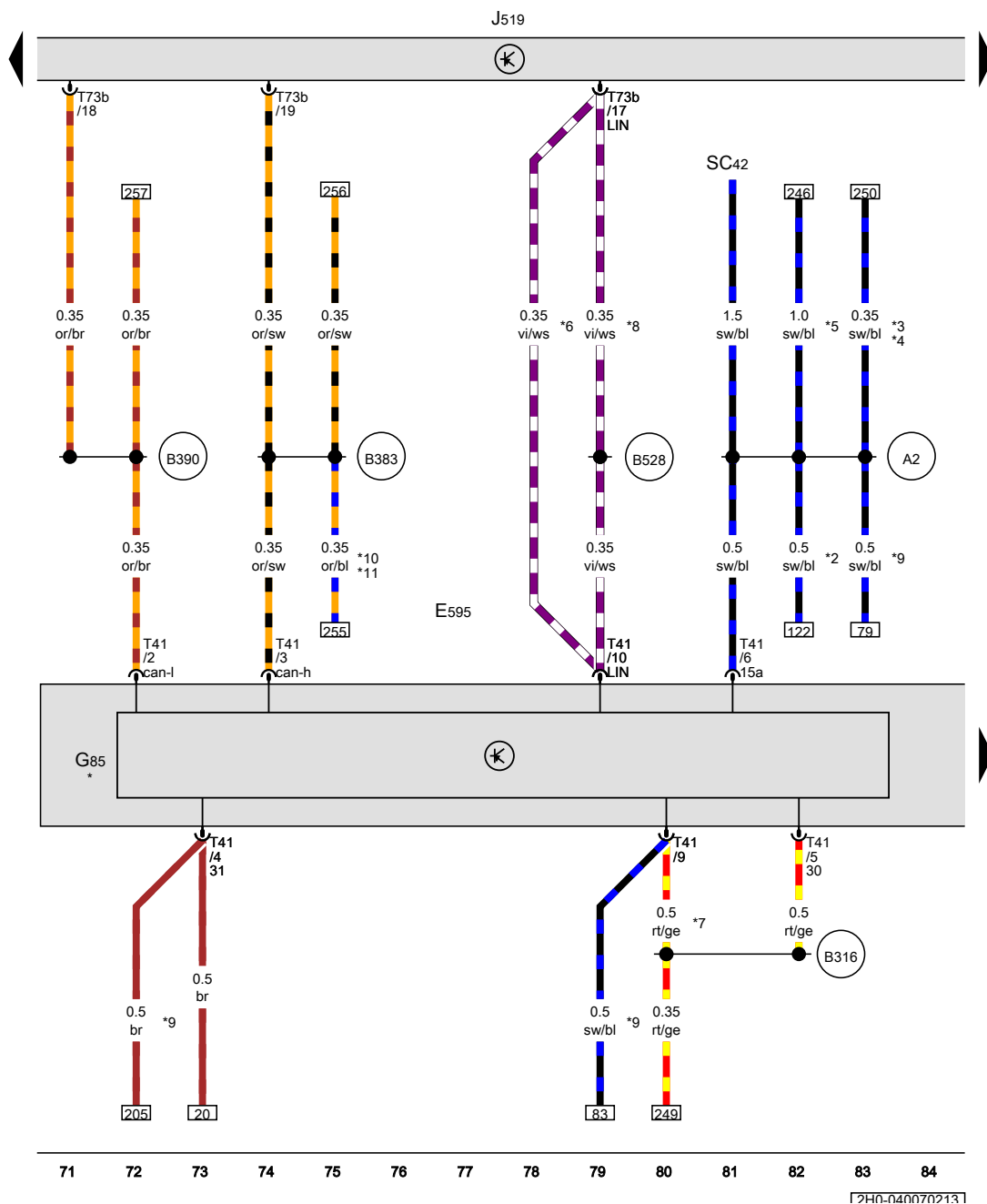
Ignition/starter switch

- D Ignition/starter switch
- J16 Current supply relay
- J519 Onboard supply control unit
- SC8 Fuse 8 on fuse holder C
- T6b 6-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

- (A57) Positive connection 3 (30), in dash panel wiring harness
- (A104) Positive connection 2 (15), in dash panel wiring harness
- (B318) Positive connection 4 (30a) in main wiring harness
- (B489) Connection 25, in main wiring harness
- (B490) Connection 26, in main wiring harness

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Steering column combination switch, Steering angle sender



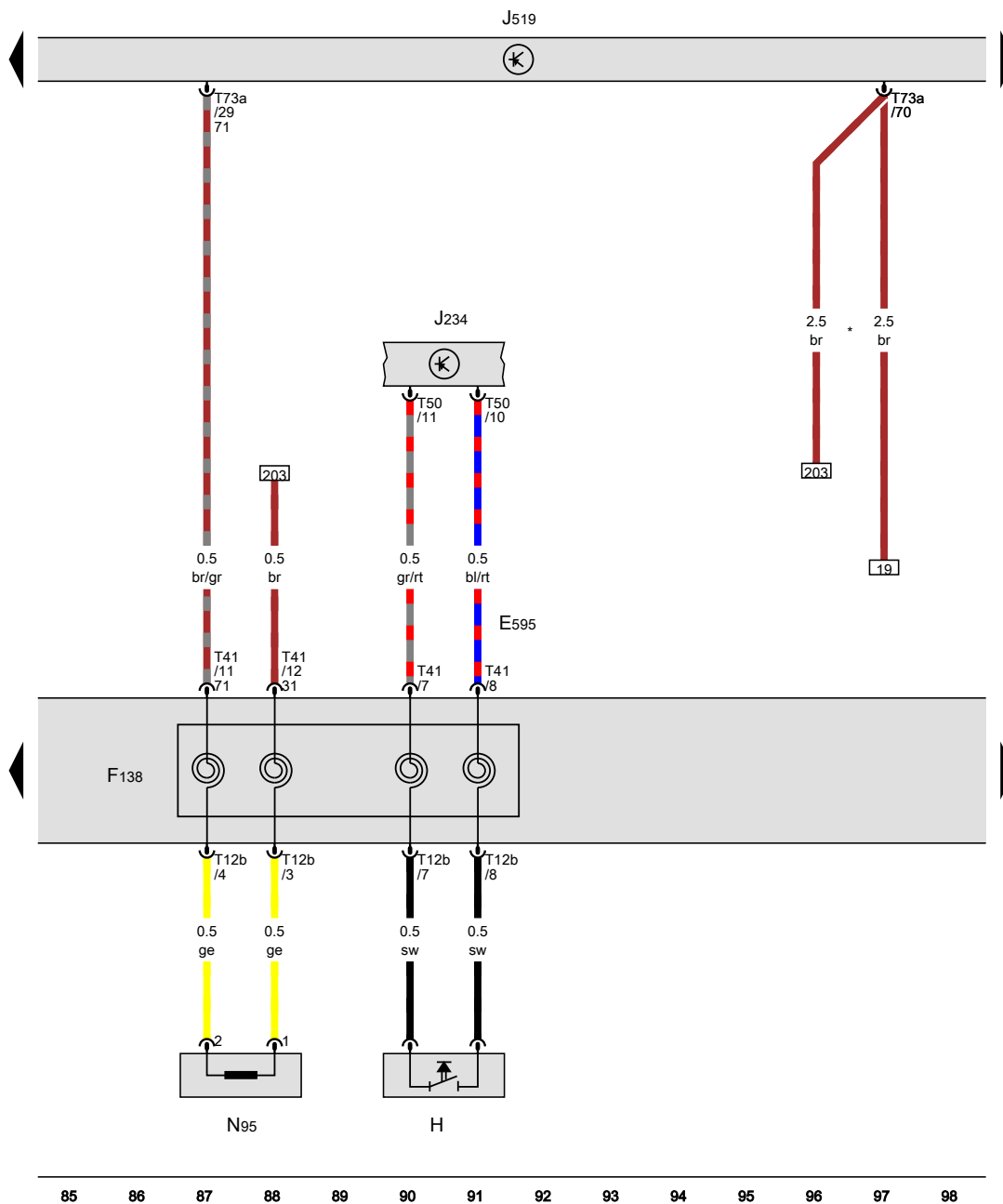
E595 Steering column combination switch
 G85 Steering angle sender
 J519 Onboard supply control unit
 SC42 Fuse 42 on fuse holder C
 T41 41-pin connector, grey
 T73b 73-pin connector, colourless

- (A2) Positive connection (15), in dash panel wiring harness
- (B316) Positive connection 2 (30a) in main wiring harness
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (B528) Connection 1 (LIN bus) in main wiring harness
- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
- *2 Only models with cruise control system (CCS)
- *3 If fitted
- *4 Country specific
- *5 Only models with Euro 5 emission standard
- *6 Only models with manual window regulators
- *7 Up to November 2011
- *8 Only models with electric window regulators
- *9 From November 2011
- *10 Only models with start/stop system
- *11 From July 2011

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Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

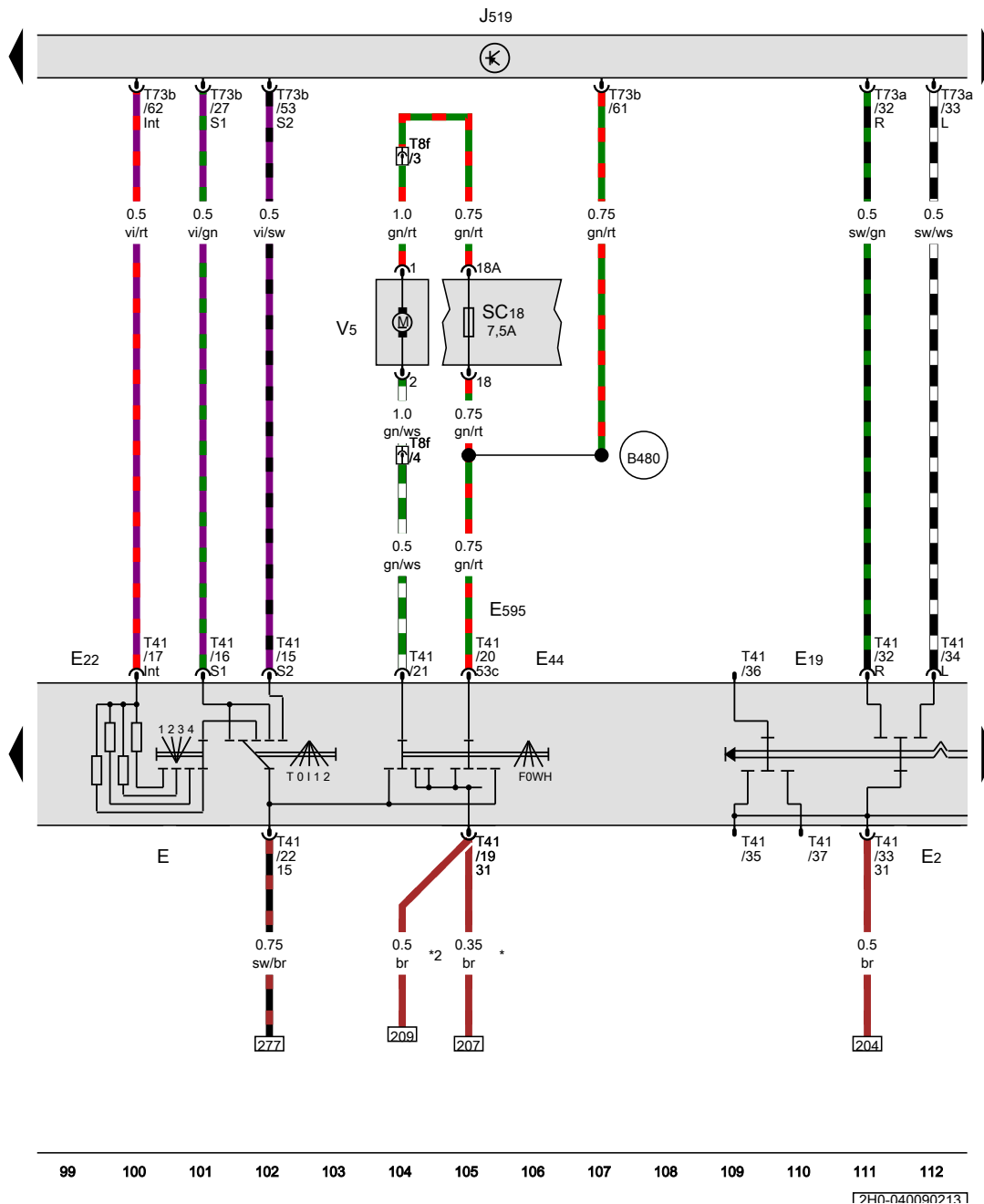
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring, on steering wheel
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Driver side airbag igniter
- T12b 12-pin connector, yellow
- T41 41-pin connector, grey
- T50 50-pin connector, green
- T73a 73-pin connector, black
- * From November 2011



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 li = purple
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 or = orange
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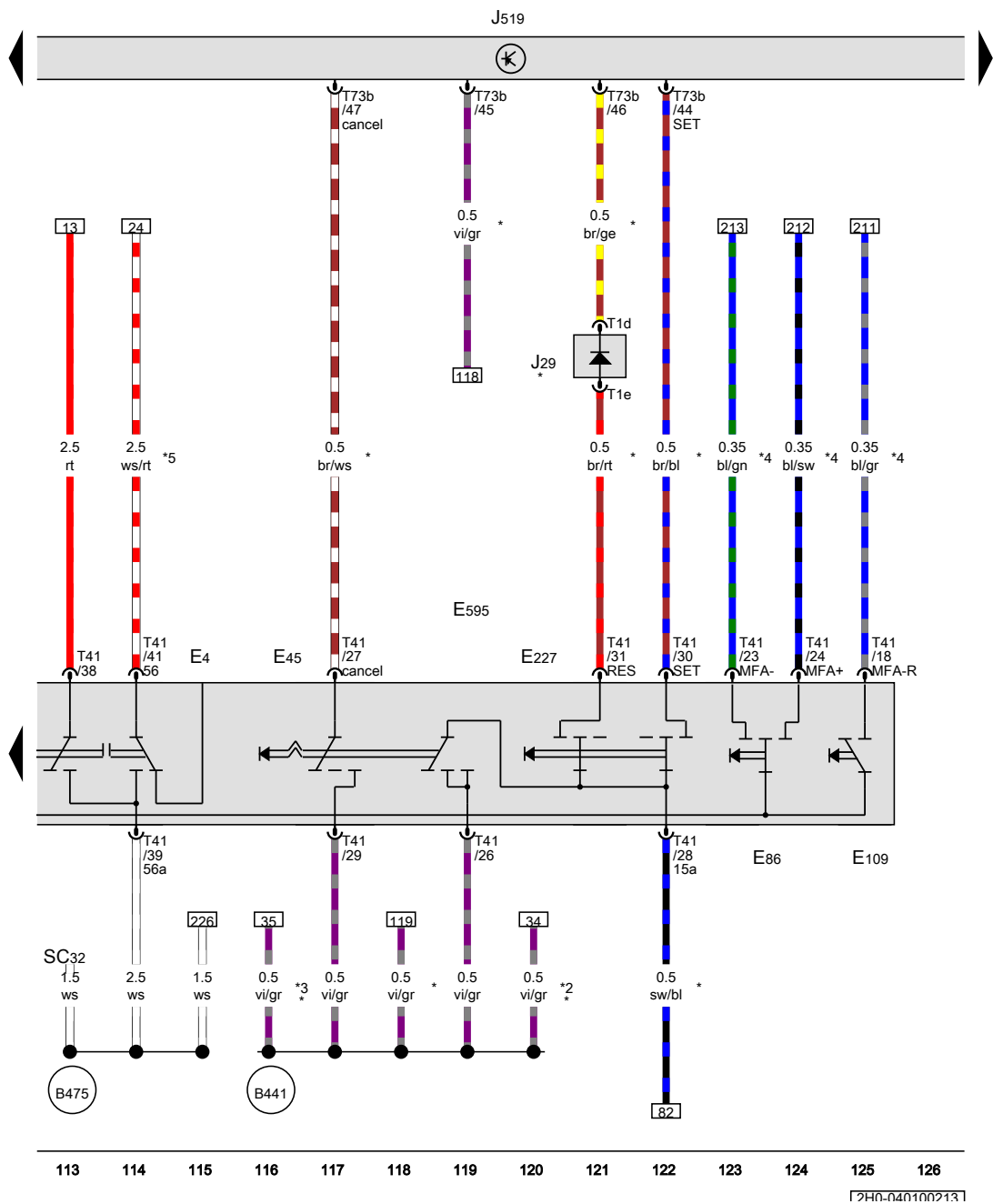
7PH0-040080213

Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump



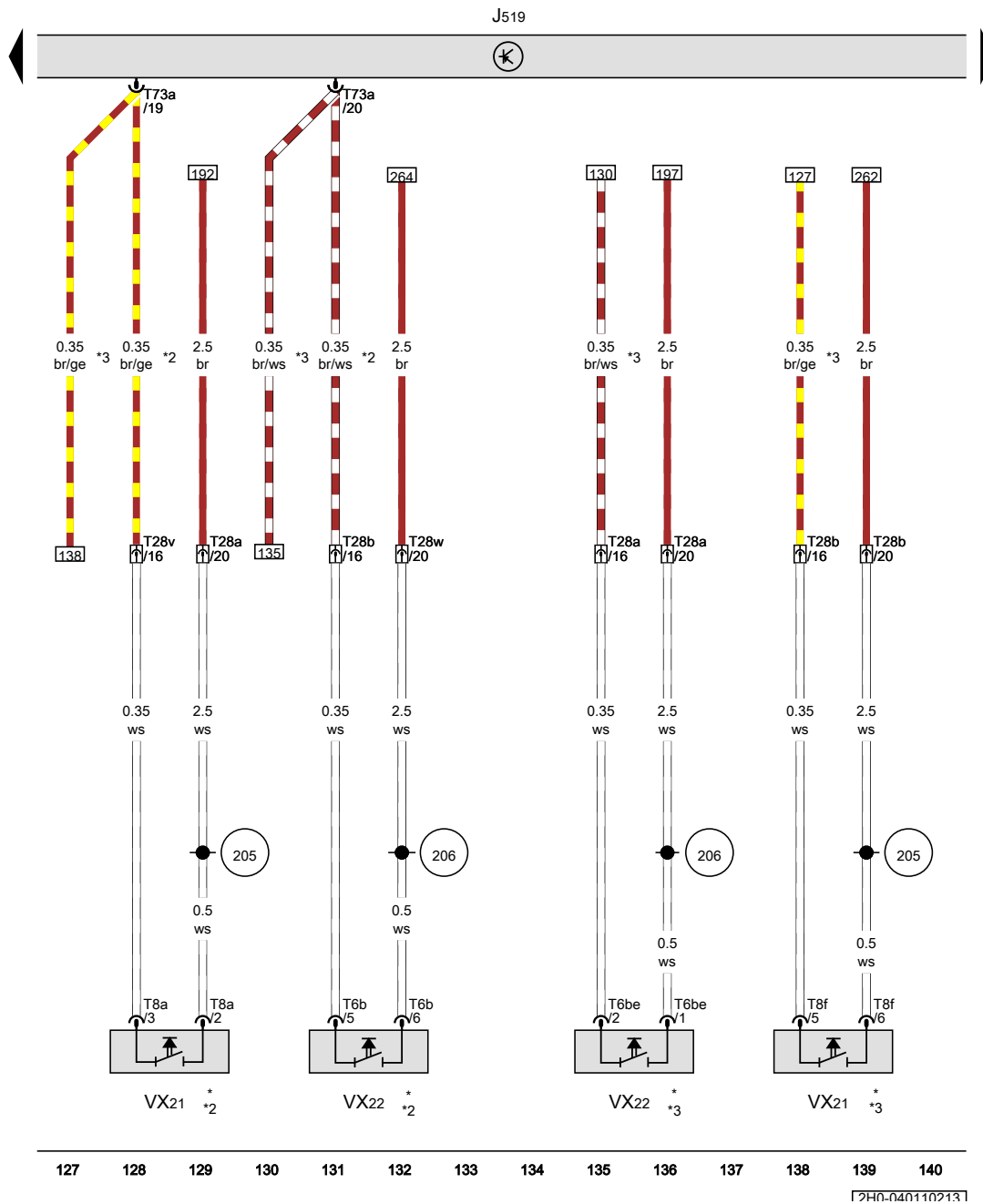
- E Windscreen wiper switch
- E2 Turn signal switch
- E19 Parking light switch
- E22 Intermittent wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC18 Fuse 18 on fuse holder C
- T8f 8-pin connector, in rear left of engine compartment, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V5 Washer pump
- B480 Connection 16, in main wiring harness
- * Up to November 2011
- *2 From November 2011

Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch



- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J29 Blocking diode, near steering column
- J519 Onboard supply control unit
- SC32 Fuse 32 on fuse holder C
- T1d Single connector, red
- T1e Single connector, red
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- B441 Connection (CCS), in main wiring harness
- B475 Connection 11, in main wiring harness
- * Only models with cruise control system (CCS)
- *2 Only models with petrol engine
- *3 Only models with diesel engine
- *4 Only models with multifunction display
- *5 see applicable current flow diagram

Driver door lock unit, Front passenger door lock unit



- J519 Onboard supply control unit
- T6b 6-pin connector, black
- T6be 6-pin connector
- T8a 8-pin connector, black
- T8f 8-pin connector
- T28a 28-pin connector, on left A-pillar, grey
- T28b 28-pin connector, on right A-pillar, grey
- T28v 28-pin connector, on left A-pillar, grey
- T28w 28-pin connector, on right A-pillar, grey
- T73a 73-pin connector, black
- VX21 Driver door lock unit
- VX22 Front passenger door lock unit

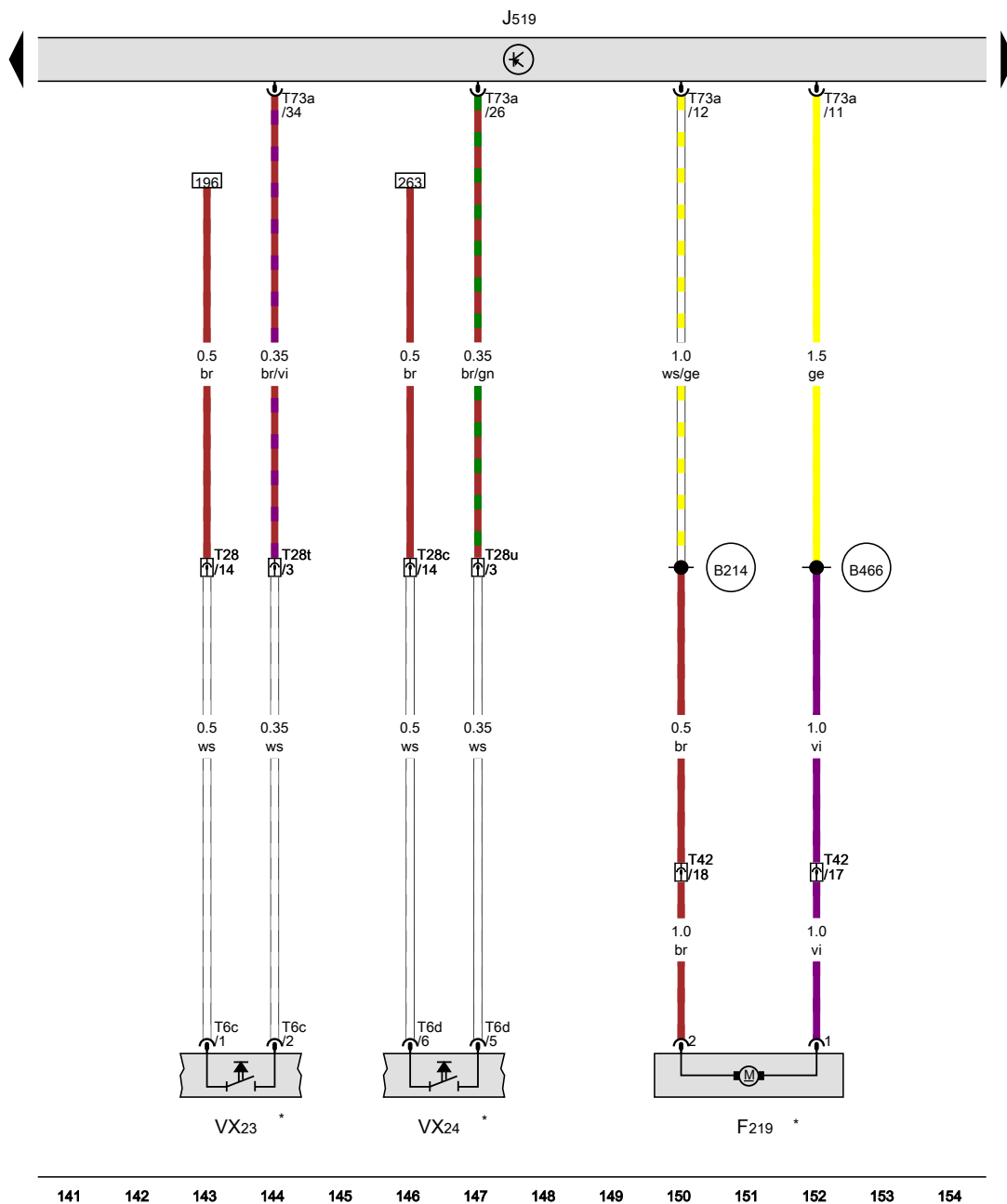
205 Earth connection, in driver door wiring harness

206 Earth connection, in front passenger door wiring harness

- * Only models with no central locking
- *2 Only left-hand drive models
- *3 Only right-hand drive models
- *4 Only models with cruise control system (CCS)

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 or = orange
 rs = pink

Fuel tank filler flap central locking actuator, Rear left door lock unit, Rear right door lock unit



- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit
- T6c 6-pin connector, black
- T6d 6-pin connector, grey
- T28 28-pin connector, on left B-pillar, grey
- T28c 28-pin connector, on right B-pillar, grey
- T28t 28-pin connector, on left B-pillar, grey
- T28u 28-pin connector, on right B-pillar, grey
- T42 42-pin connector, near handbrake lever, black
- T73a 73-pin connector, black
- VX23 Rear left door lock unit
- VX24 Rear right door lock unit

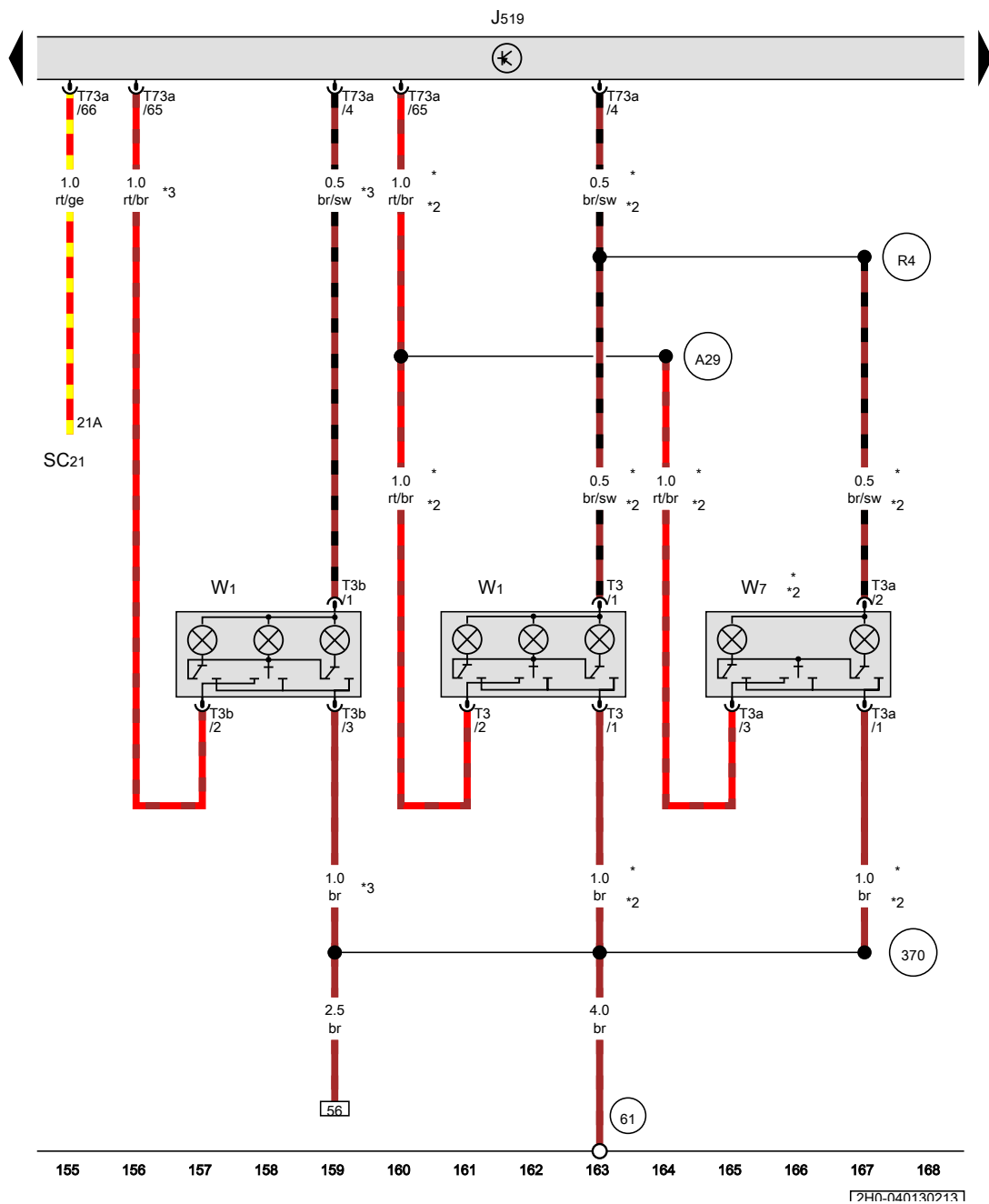
B214 Connection 1 (central locking), in interior wiring harness

B466 Connection 2, in main wiring harness

* Only models with no central locking

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

Front interior light, Centre interior light



J519 Onboard supply control unit

SC21 Fuse 21 on fuse holder C

T3 3-pin connector, black

T3a 3-pin connector, black

T3b 3-pin connector, black

T73a 73-pin connector, black

W1 Front interior light

W7 Centre interior light

61 Earth point, left C-pillar

370 Earth connection 5, in main wiring harness

A29 Connection (interior light), in dash panel wiring harness

R4 Connection 1, in interior light/door contact switch wiring harness

* Only models with double cab

*2 Only models with Highline equipment

*3 Only models with basic equipment

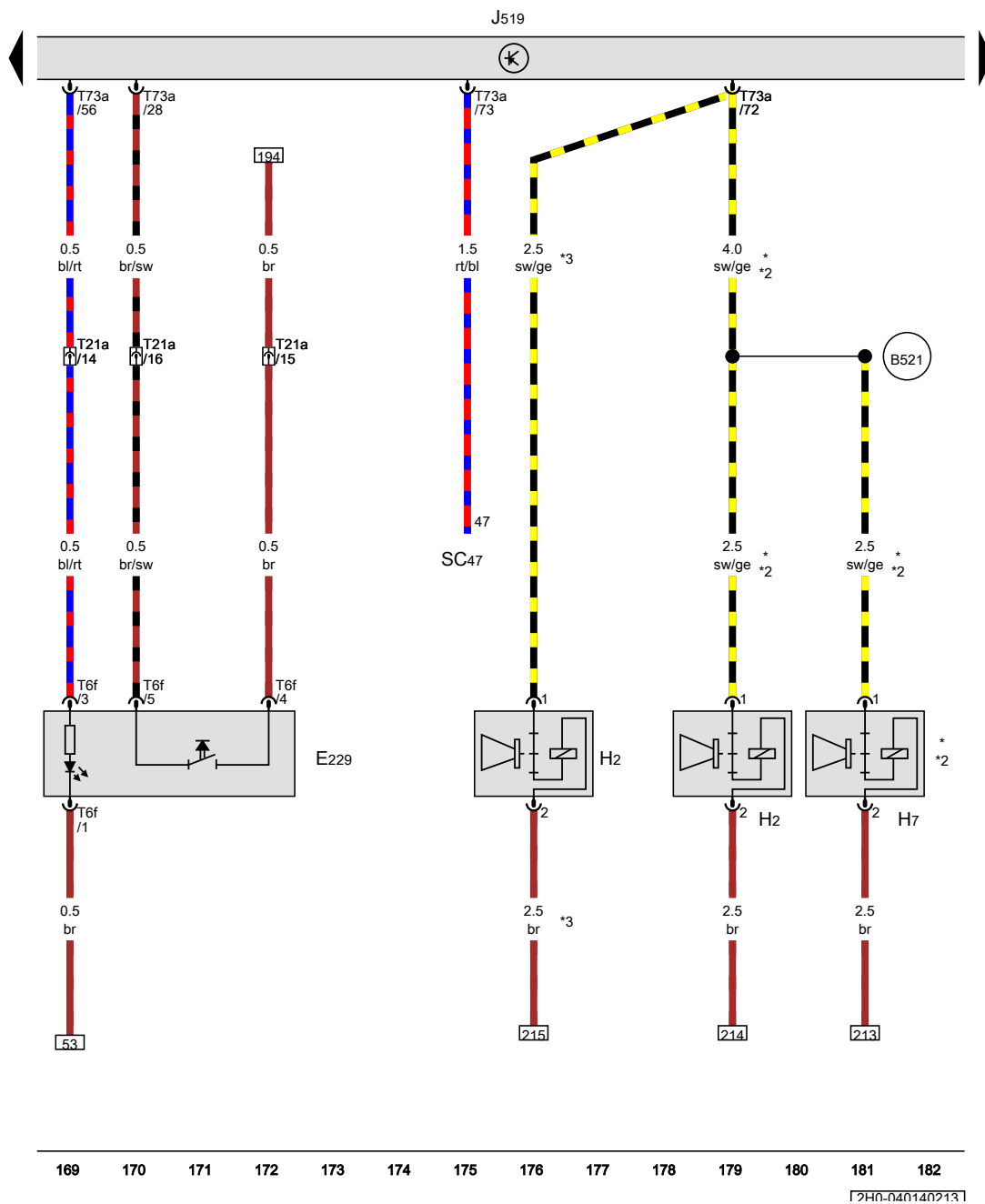
ws = white
sw = black
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Hazard warning lights button, Treble horn, Bass horn

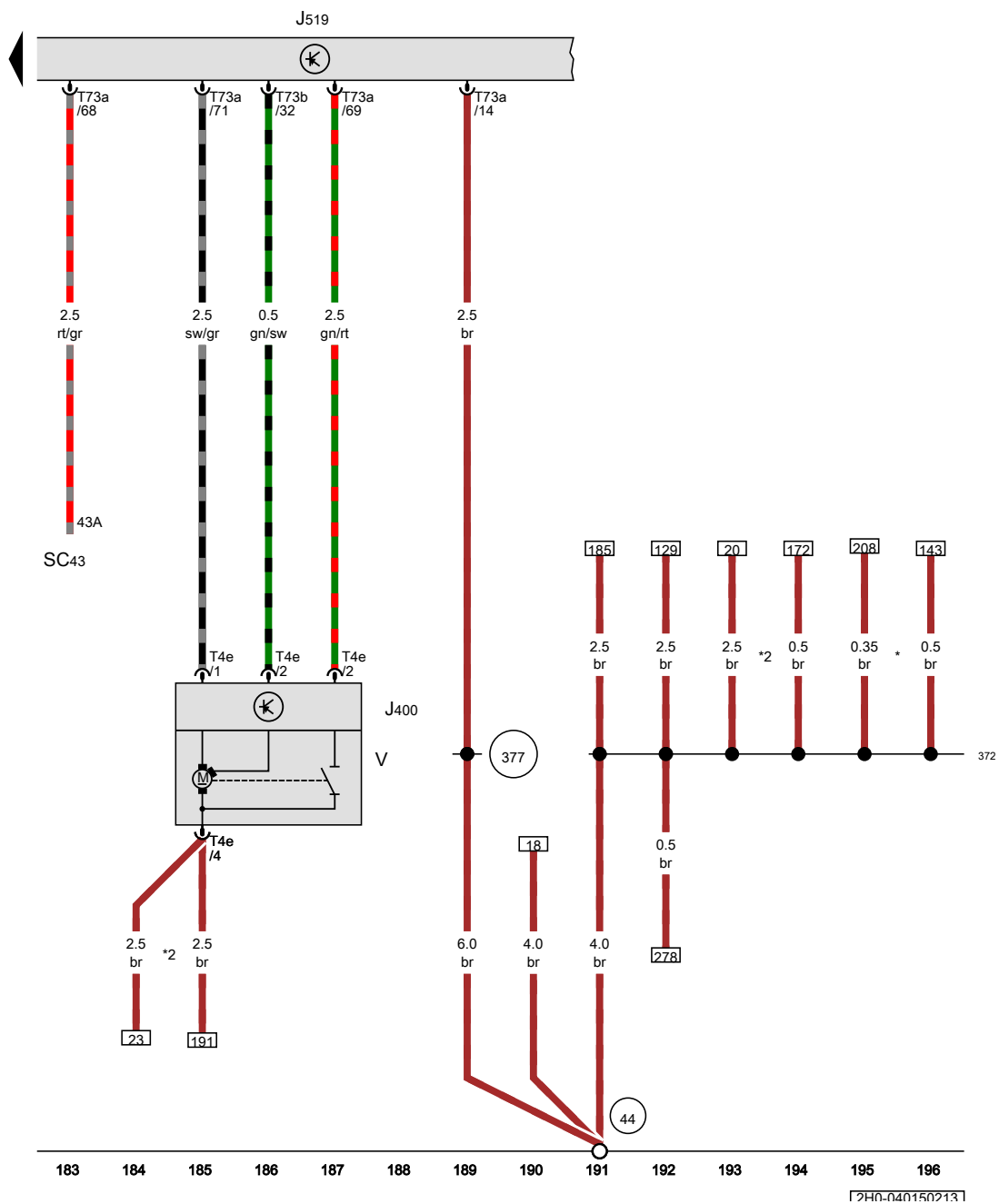
- E229 Hazard warning lights button, near radio
- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- SC47 Fuse 47 on fuse holder C
- T6f 6-pin connector, black
- T21a 21-pin connector, on relay carrier, brown
- T73a 73-pin connector, black

(B521) Connection (dual tone horn), in main wiring harness

- * Only models with Highline equipment
- *2 Only models with Trendline equipment
- *3 Only models with basic equipment



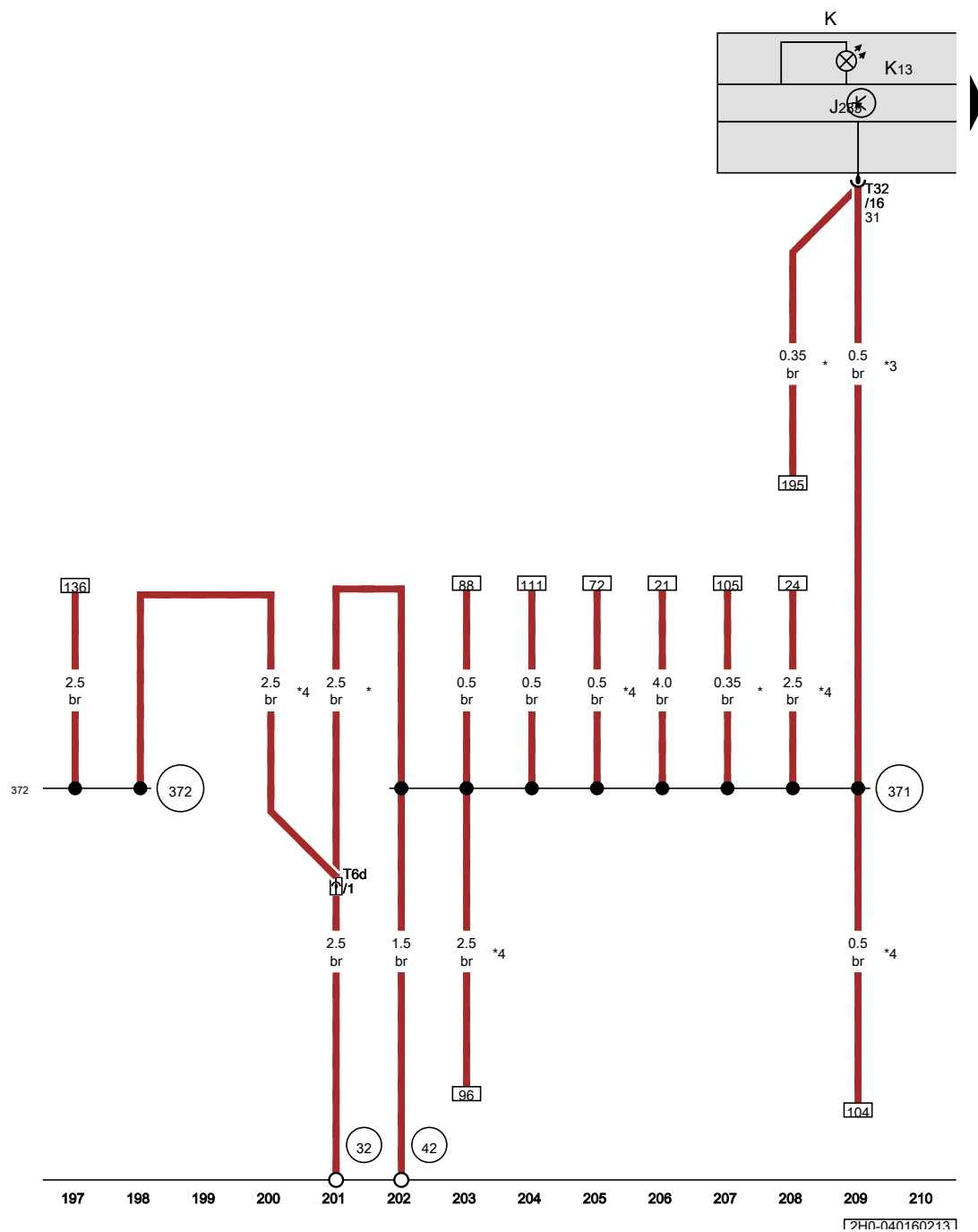
ws = white
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Windscreen wiper motor

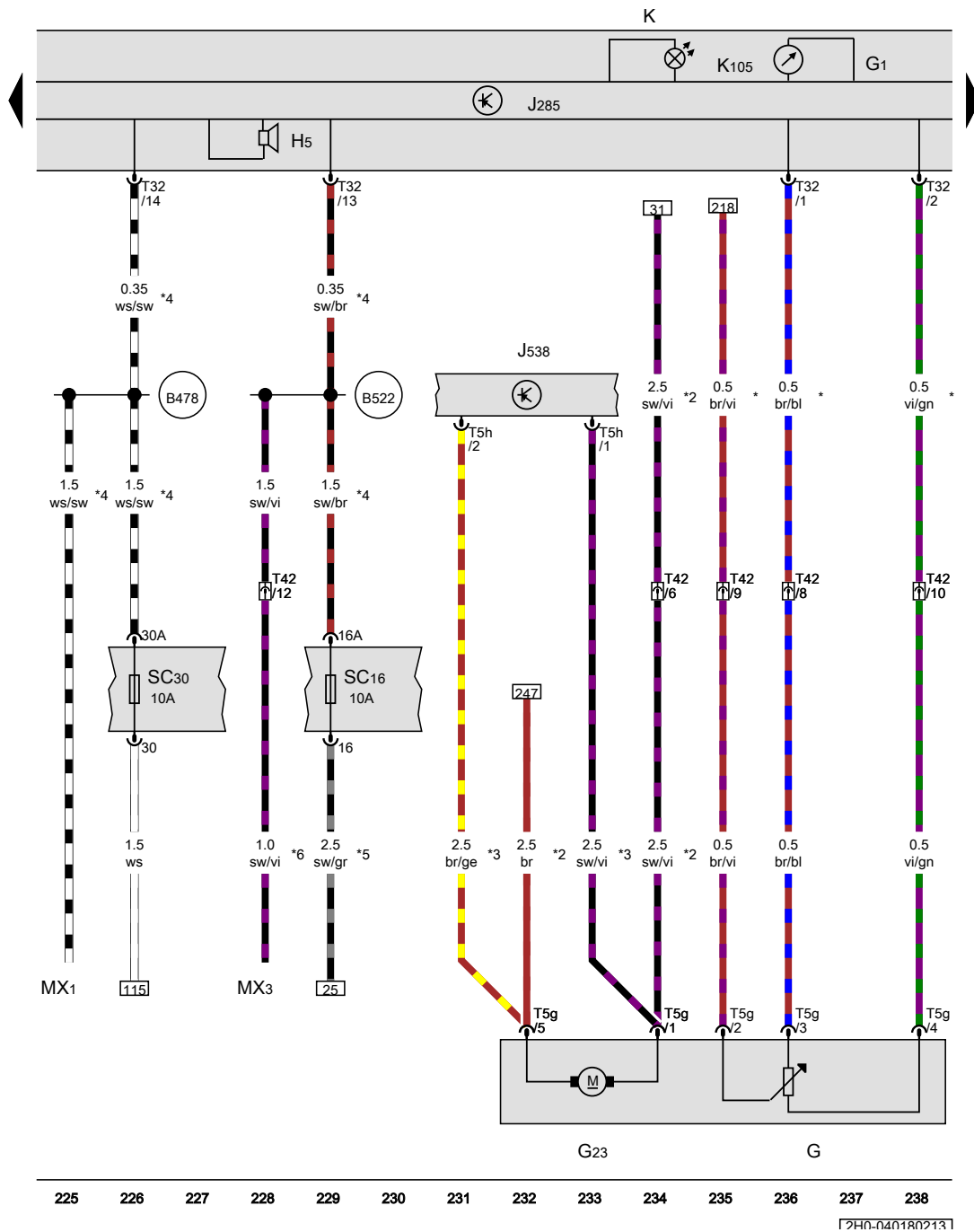
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SC43 Fuse 43 on fuse holder C
- T4e 4-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor

- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- * Up to November 2011
- *2 From December 2011



Dash panel insert

- J285 Control unit in dash panel insert
- K Dash panel insert
- K13 Rear fog light warning lamp
- T6d 6-pin connector, on relay carrier, grey
- T32 32-pin connector, blue
- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- * Up to November 2011
- *2 see applicable current flow diagram
- *3 From December 2011
- *4 From November 2011



Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

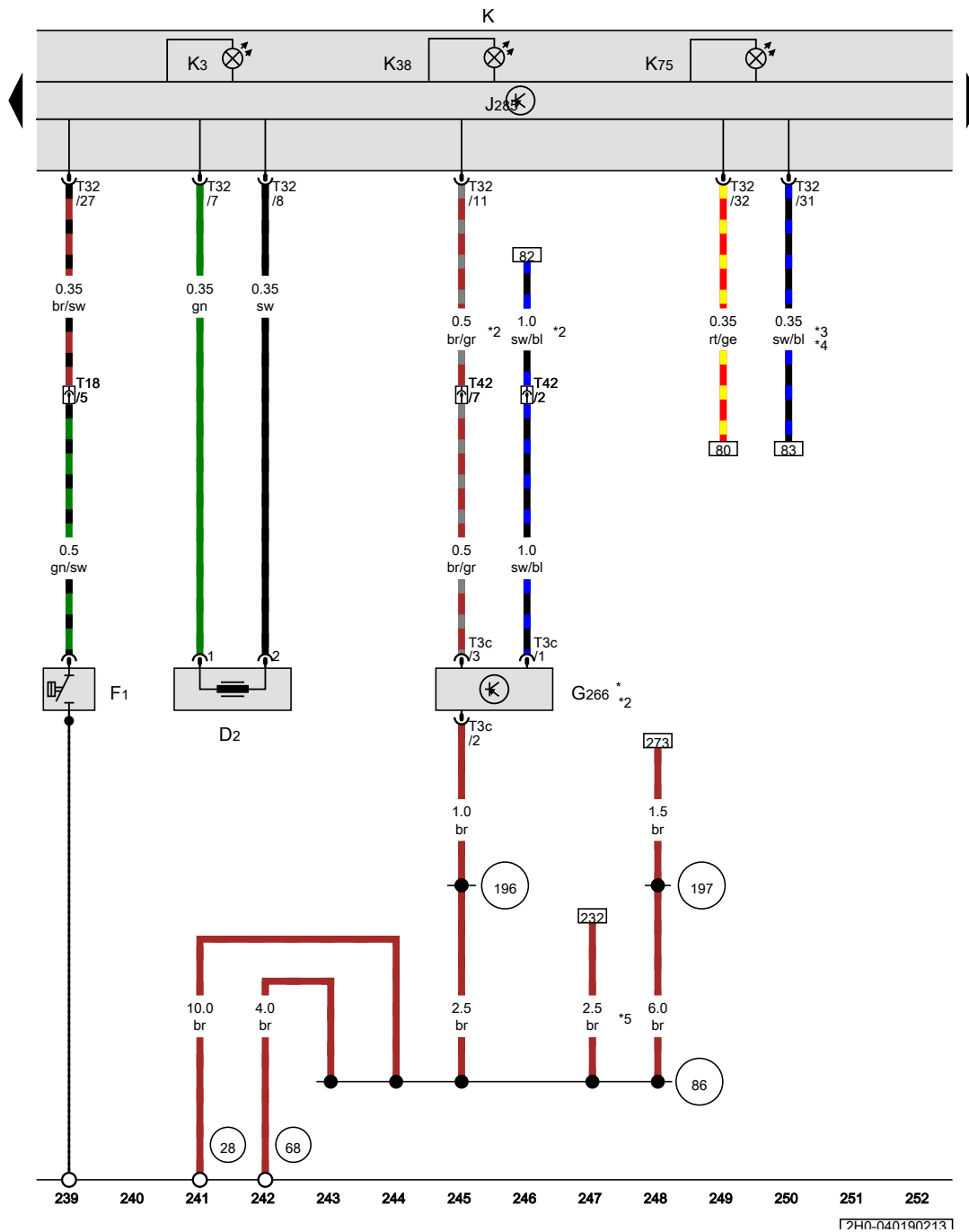
- G Fuel gauge sender
- G1 Fuel gauge
- G23 Fuel pump
- H5 Ignition and starter key warning system buzzer and gong
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K105 Reserve fuel warning lamp
- MX1 Front left headlight
- MX3 Left tail light
- SC16 Fuse 16 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T5g 5-pin connector, black
- T5h 5-pin connector, black
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black

B478 Connection 14, in main wiring harness

B522 Connection (FL), in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine
- *4 Only models with no start/stop system
- *5 see applicable current flow diagram
- *6 Only models with no towing bracket

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



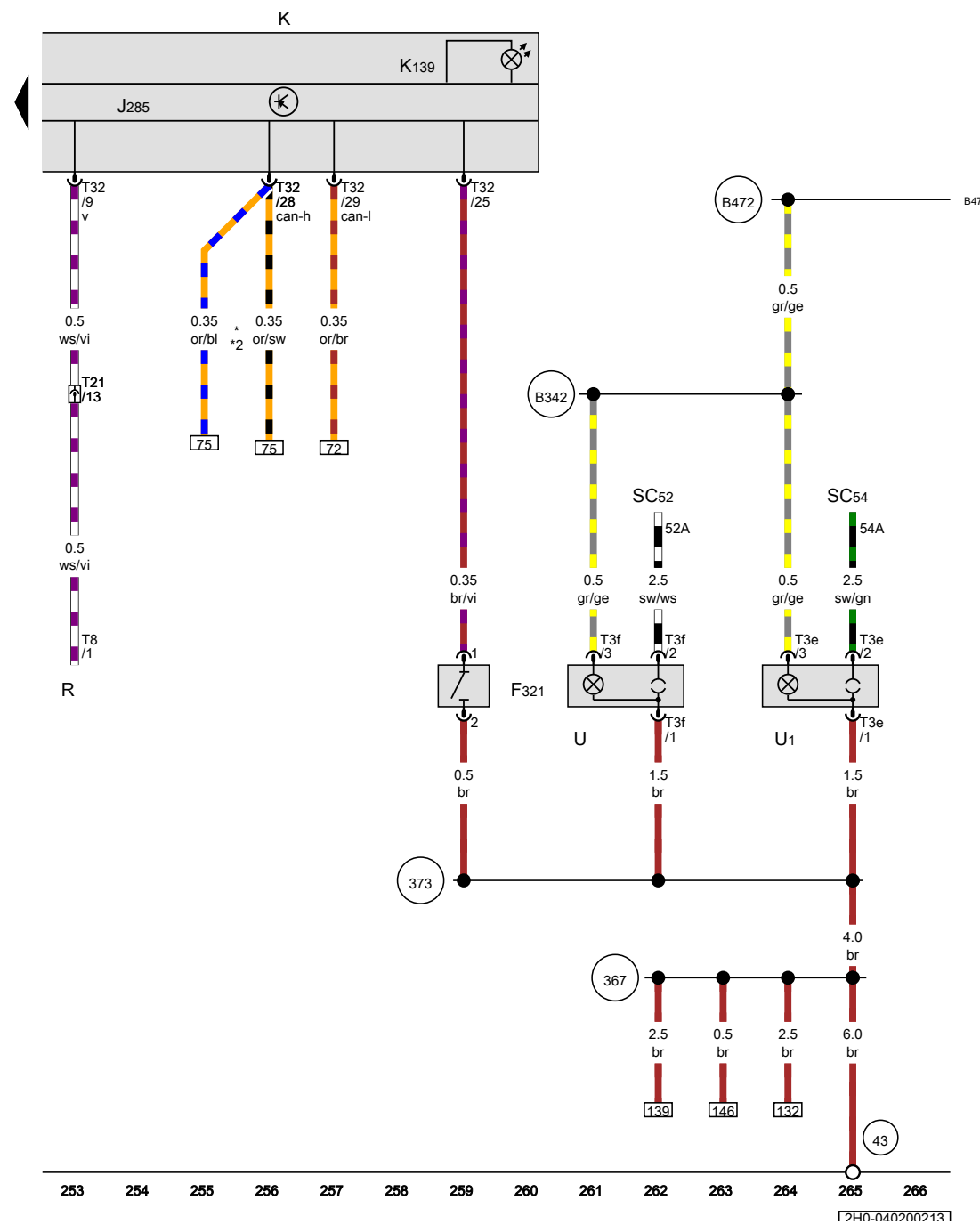
Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

- D2 Immobiliser reader coil, on ignition/starter switch
- F1 Oil pressure switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- K75 Airbag warning lamp
- T3c 3-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with Euro 5 emission standard
- *3 If fitted
- *4 Country specific
- *5 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
 ge = yellow
 or = orange
 rs = pink



Parking brake contact switch, Dash panel insert, Radio, Electric socket, Cigarette lighter

- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K139 Handbrake warning lamp
- R Radio
- SC52 Fuse 52 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- T3e 3-pin connector, black
- T3f 3-pin connector, grey
- T8 8-pin connector
- T21 21-pin connector, on heater and air conditioner unit, front passenger footwell
- T32 32-pin connector, blue
- U Electric socket
- U1 Cigarette lighter

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness

- * Only models with start/stop system
- *2 From July 2011

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

- E1 Light switch
- L193 Light 1 for front centre console background lighting
- SC2 Fuse 2 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T2a1 2-pin connector, black
- T2c1 2-pin connector, near window wiper motor, black
- T6a 6-pin connector, on relay carrier, grey
- T21a 21-pin connector, on relay carrier, brown
- T42 42-pin connector, near handbrake lever, black
- U5 12 V socket
- U18 12 V socket 2
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 261 Earth connection, in heated washer jet wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B472 Connection 8, in main wiring harness
- B536 Connection 27, in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * Special equipment
- *2 Only models with Highline equipment

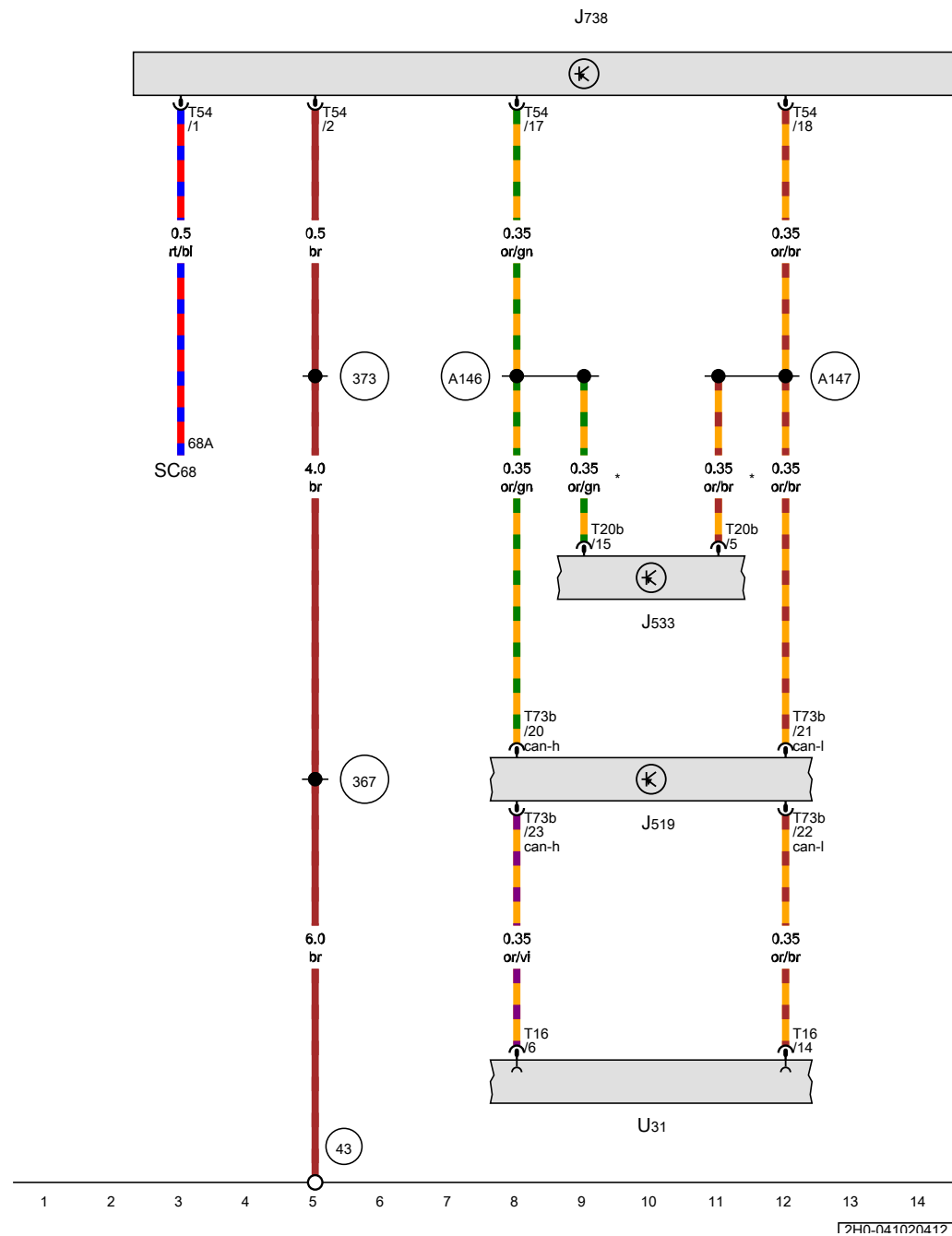
Preparation for mobile telephone , (9W7)

From May 2011

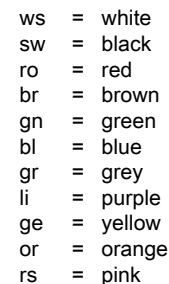
Onboard supply control unit, Data bus diagnostic interface,
Telephone controls control unit, Fuse 68 on fuse holder C

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J738 Telephone controls control unit, under centre console
- SC68 Fuse 68 on fuse holder C
- T16 16-pin connector, black
- T20b 20-pin connector, black
- T54 54-pin connector, black
- T73b 73-pin connector
- U31 Diagnostic connection

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- * Only models with start/stop system



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



- 61 Earth point, left C-pillar
- 370 Earth connection 5, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- * From November 2011
- *2 Only models with no start/stop system

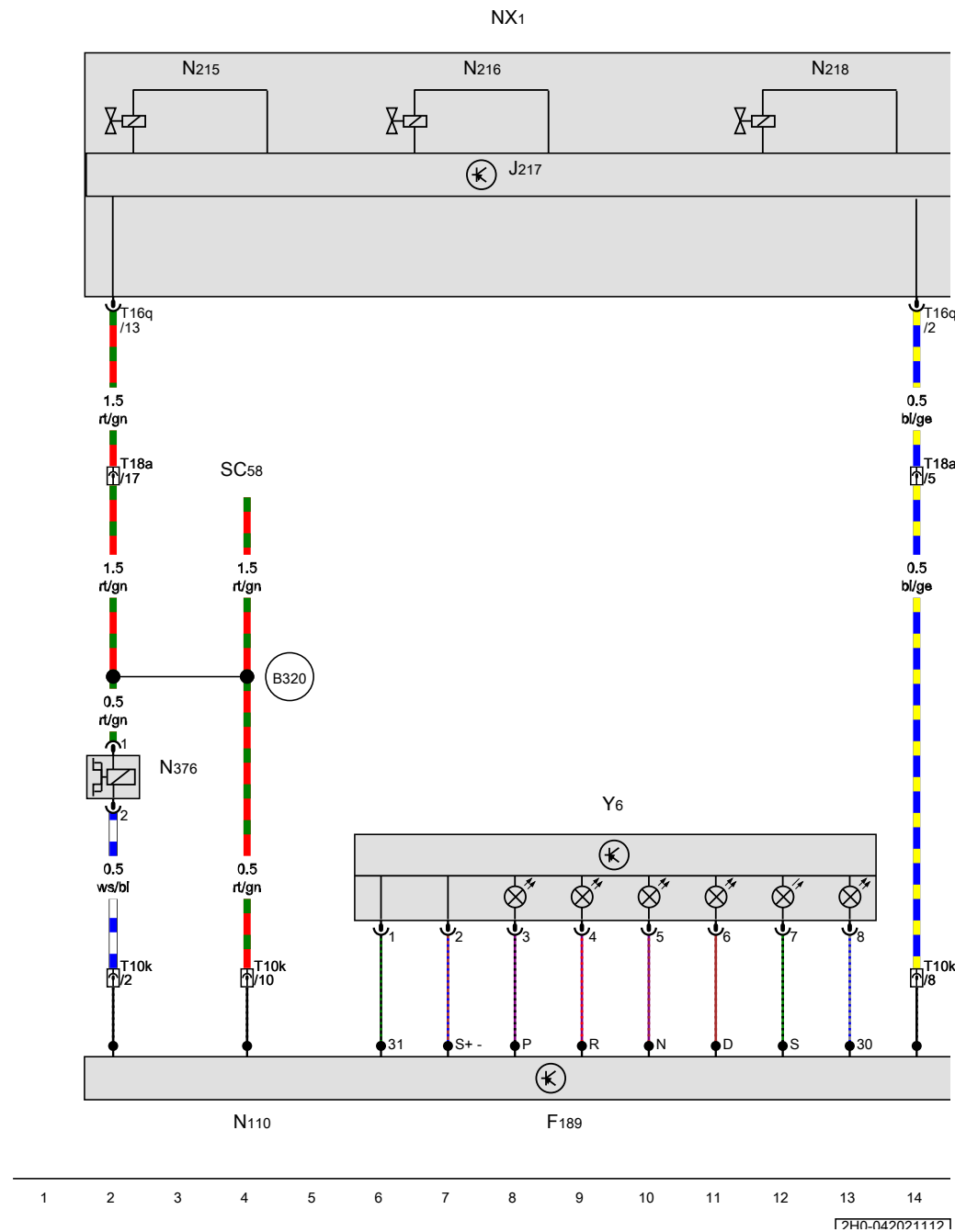
8-speed automatic gearbox with Tiptronic , CSHA,(G1G)

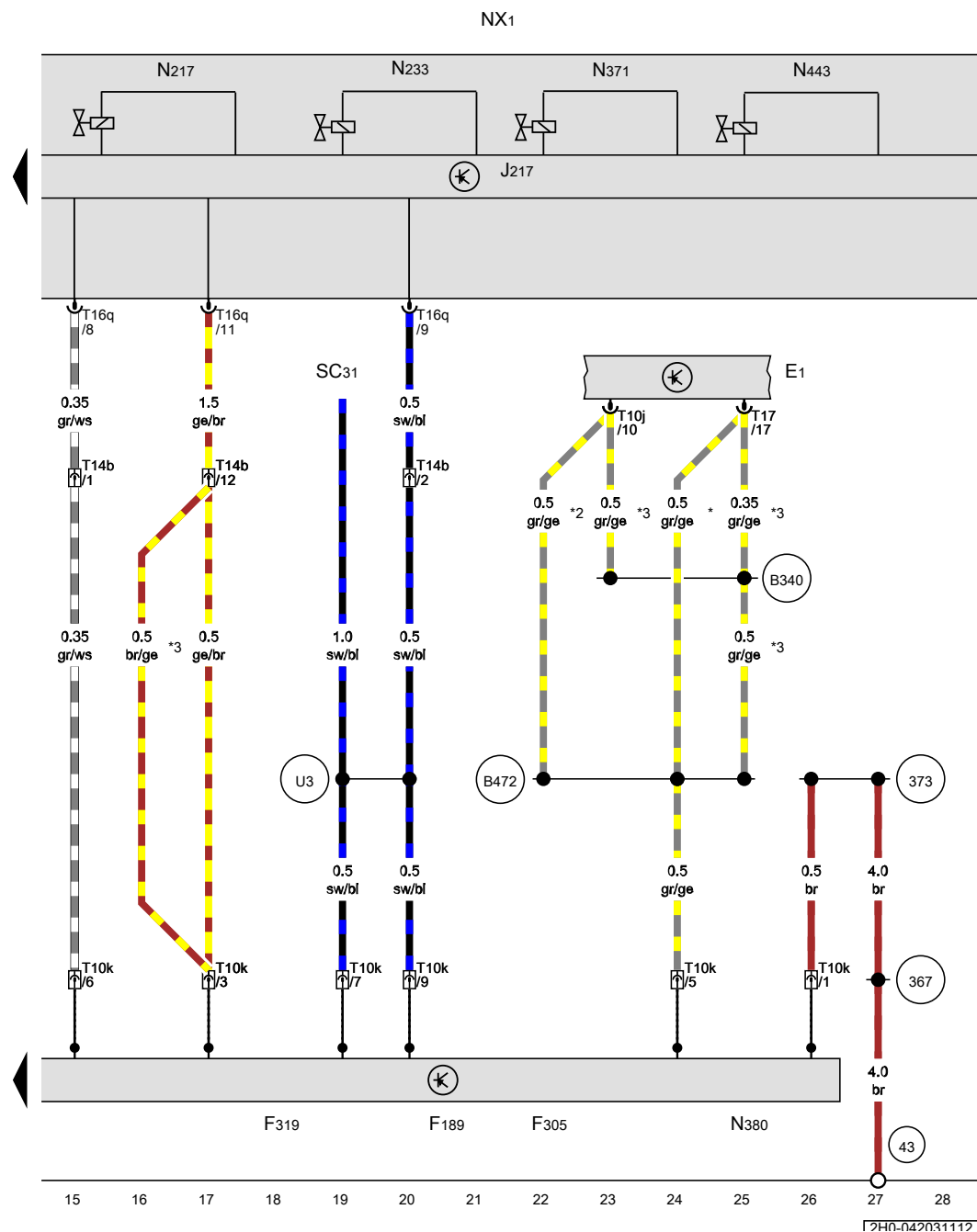
From September 2011

Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

- F189 Tiptronic switch
- J217 Automatic gearbox control unit
- NX1 Gearbox, in gearbox
- N110 Selector lever lock solenoid
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N218 Automatic gearbox pressure regulating valve 4
- N376 Ignition key withdrawal lock solenoid
- SC58 Fuse 58 on fuse holder C
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector, black
- T18a 18-pin connector, near battery, grey
- Y6 Selector lever position display

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



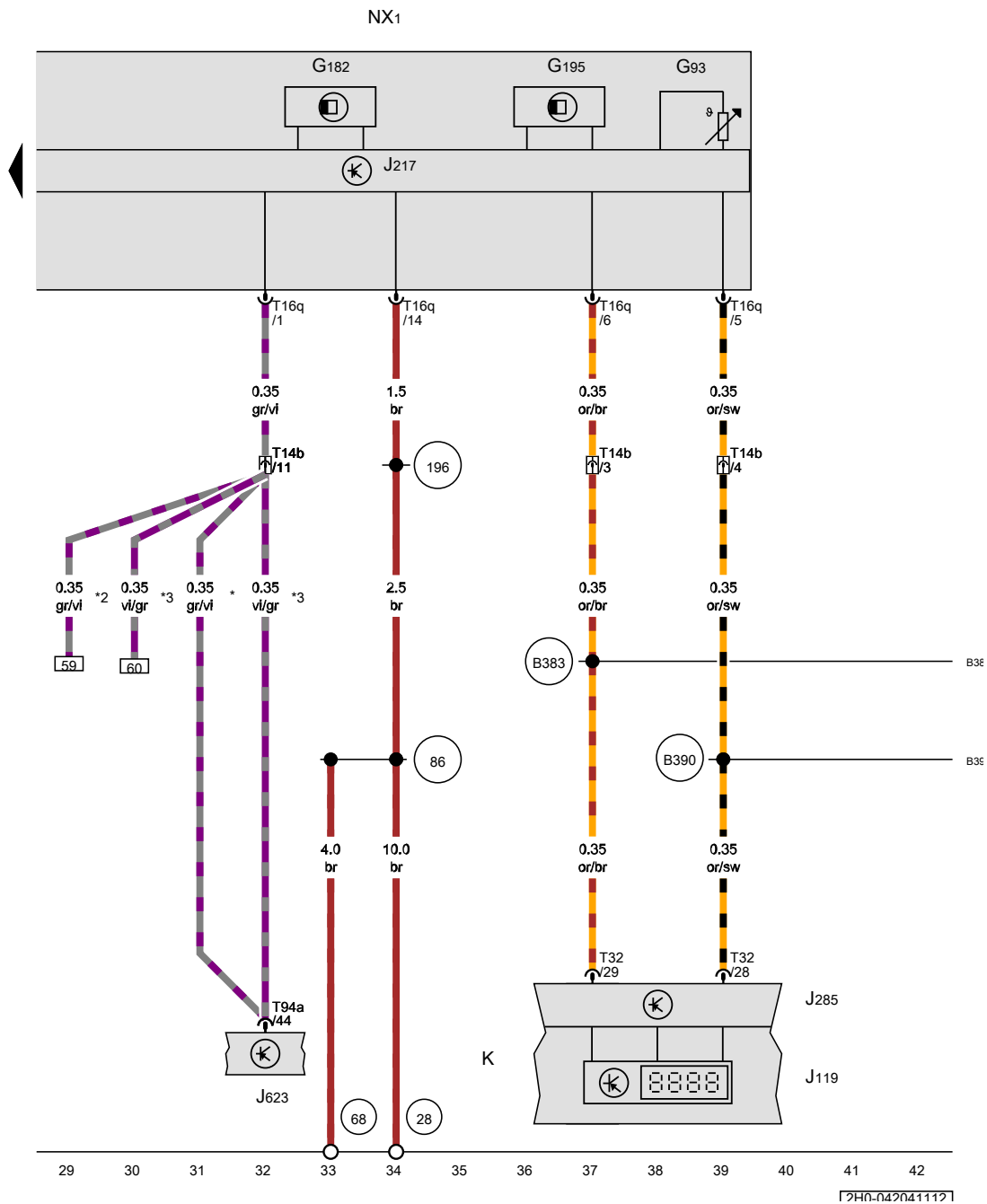


Light switch, Tiptronic switch, Gearbox

- E1 Light switch
- F189 Tiptronic switch
- F305 Gear selector position P switch
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit
- NX1 Gearbox, in gearbox
- N217 Automatic gearbox pressure regulating valve 3
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- N380 Selector lever position P solenoid
- N443 Automatic gearbox pressure regulating valve 7
- SC31 Fuse 31 on fuse holder C
- T10j 10-pin connector
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T14b 14-pin connector, near battery, black
- T16q 16-pin connector
- T17 17-pin connector

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B472 Connection 8, in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

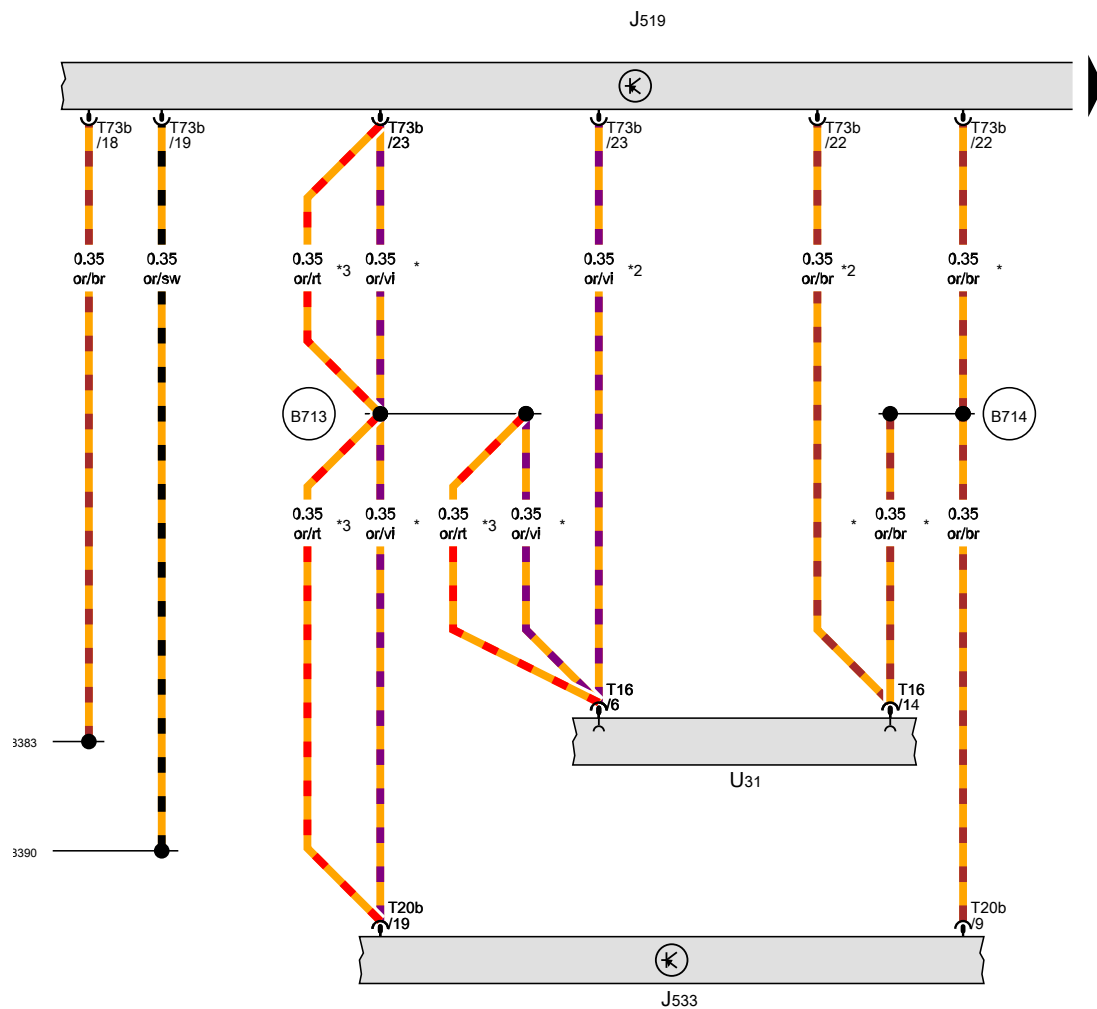
- * Only models with no start/stop system
- *2 Only models with start/stop system
- *3 From November 2011



Dash panel insert, Gearbox

- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J119 Multifunction indicator
- J217 Automatic gearbox control unit
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- NX1 Gearbox, in gearbox
- T14b 14-pin connector, near battery, black
- T16q 16-pin connector
- T32 32-pin connector, blue
- T94a 94-pin connector, black

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear 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 start/stop system
- *2 Only models with no start/stop system
- *3 From November 2011



J519 Onboard supply control unit
J533 Data bus diagnostic interface
T16 16-pin connector
T20b 20-pin connector
T73b 73-pin connector
U31 Diagnostic connection

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

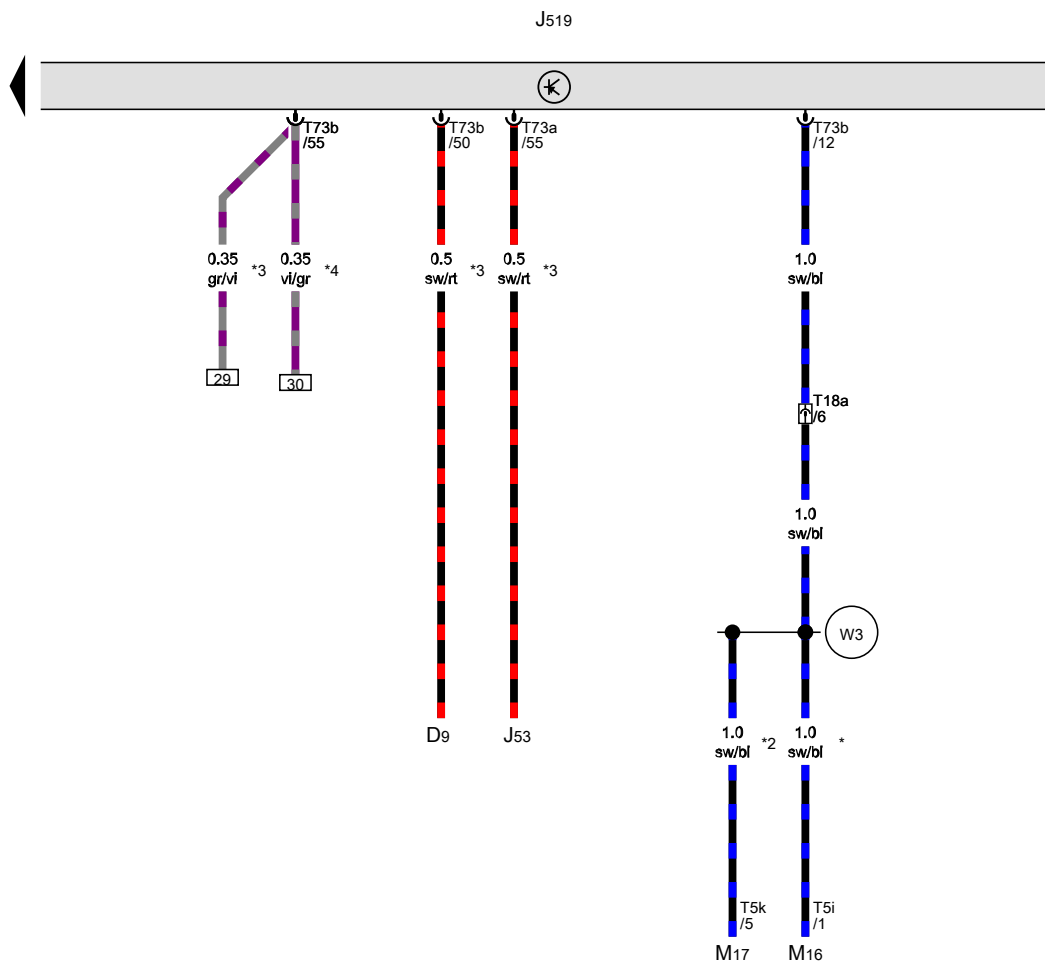
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness

B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness

* Only models with start/stop system
*2 Only models with no start/stop system
*3 From November 2011

ws = white
sw = black
ro = red
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Electronic ignition lock

- D9 Electronic ignition lock
- J53 Starter motor relay
- J519 Onboard supply control unit
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5i 5-pin connector
- T5k 5-pin connector
- T18a 18-pin connector, near battery, grey
- T73a 73-pin connector
- T73b 73-pin connector
- W3 Connection in rear wiring harness
- * Only right-hand drive models
- *2 Only left-hand drive models
- *3 Only models with no start/stop system
- *4 From November 2011

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 gn = green
 bl = blue
 gr = grey
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2.0l diesel engine , CNEA, CSHA

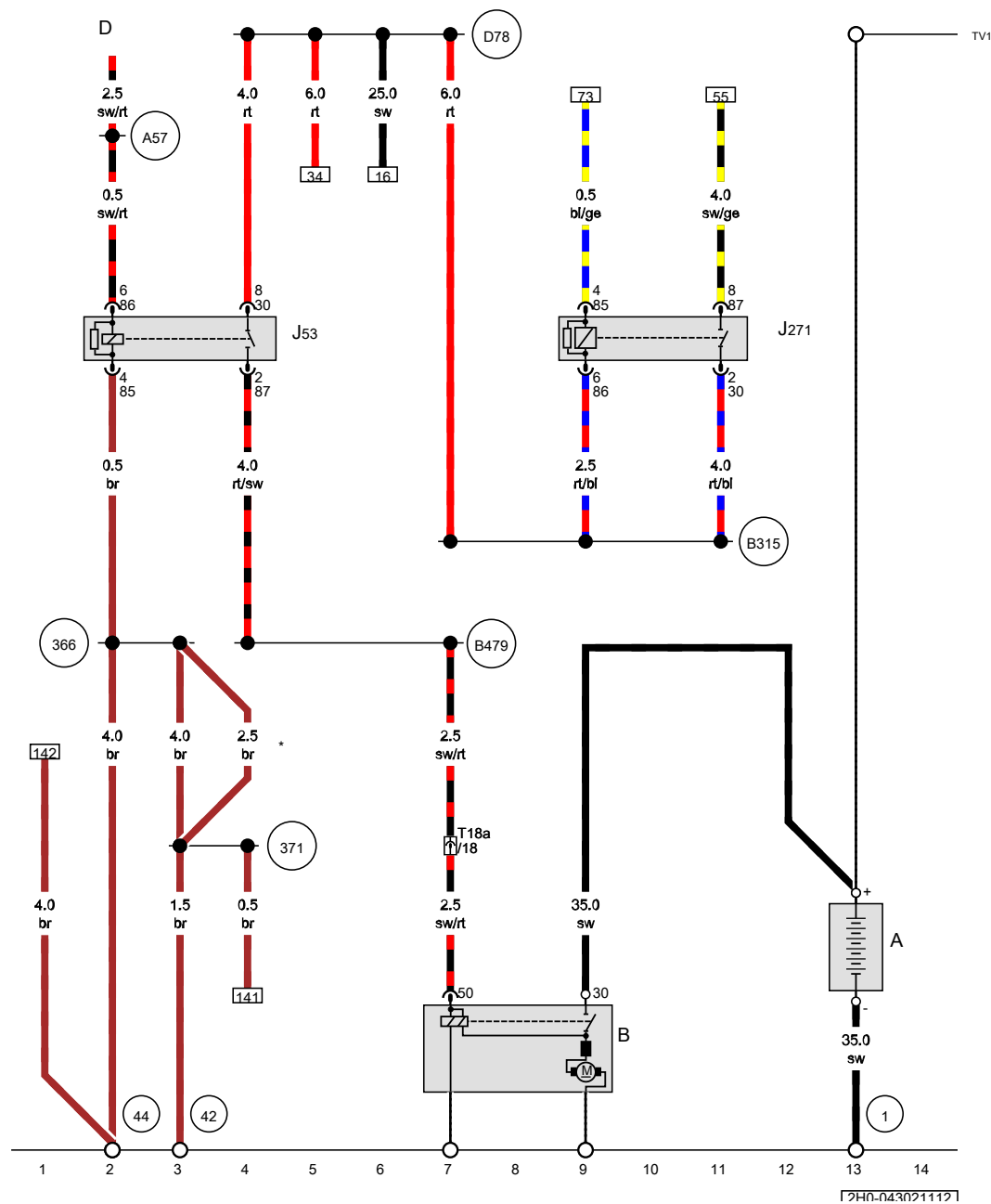
From September 2011

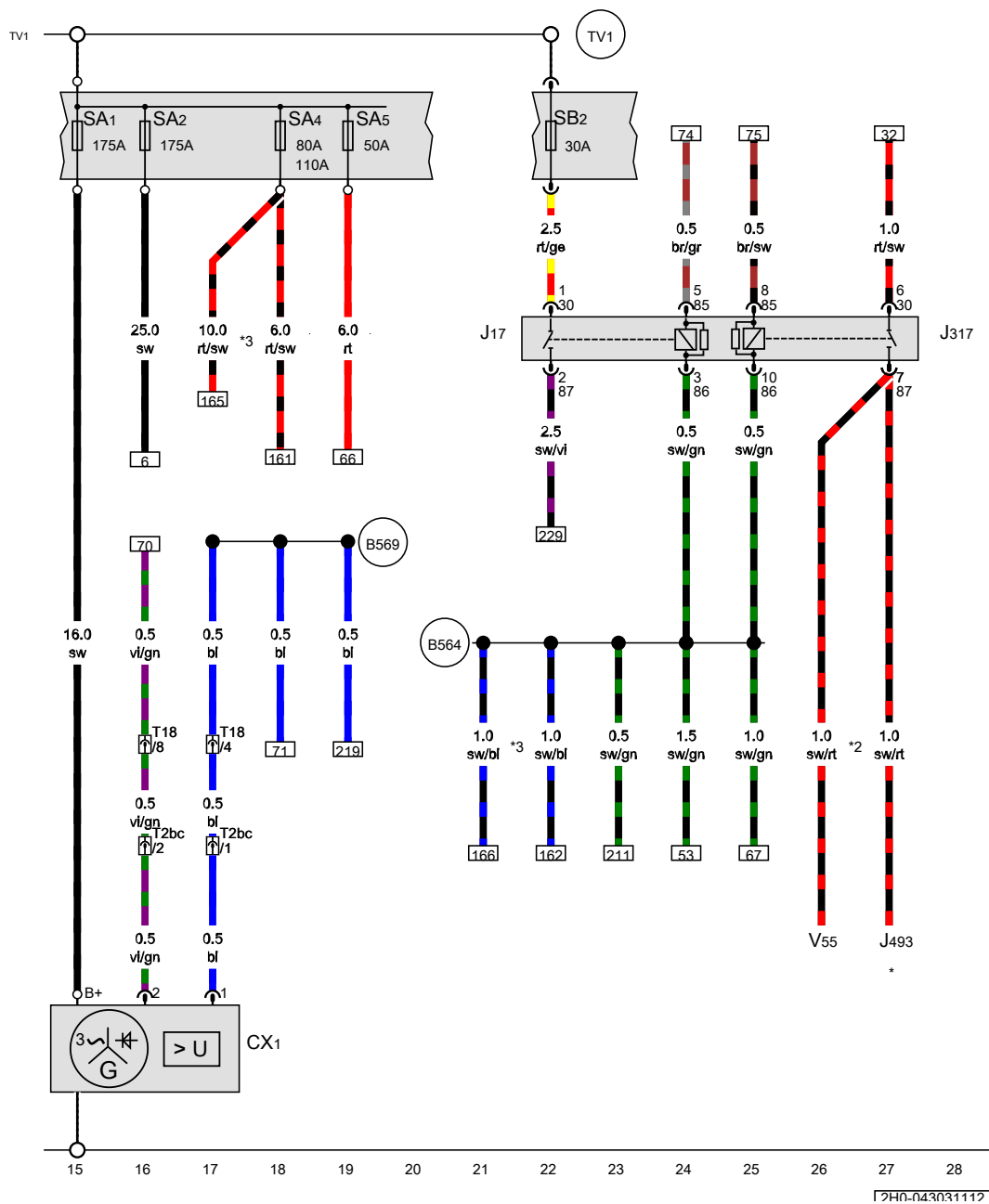
Battery, Starter, Starter motor relay, Main relay

- A Battery
- B Starter
- D Ignition/starter switch
- J53 Starter motor relay
- J271 Main relay, on relay carrier
- T18a 18-pin connector, near engine control unit

- 1 Earth strap, battery - body
- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A57 Positive connection 3 (30), in dash panel wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B479 Connection 15, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- TV1 Wiring junction
- * From November 2011

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 ge = yellow
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 rs = pink





Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T2bc 2-pin connector
- T18 18-pin connector, near engine control unit, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness

TV1 Wiring junction

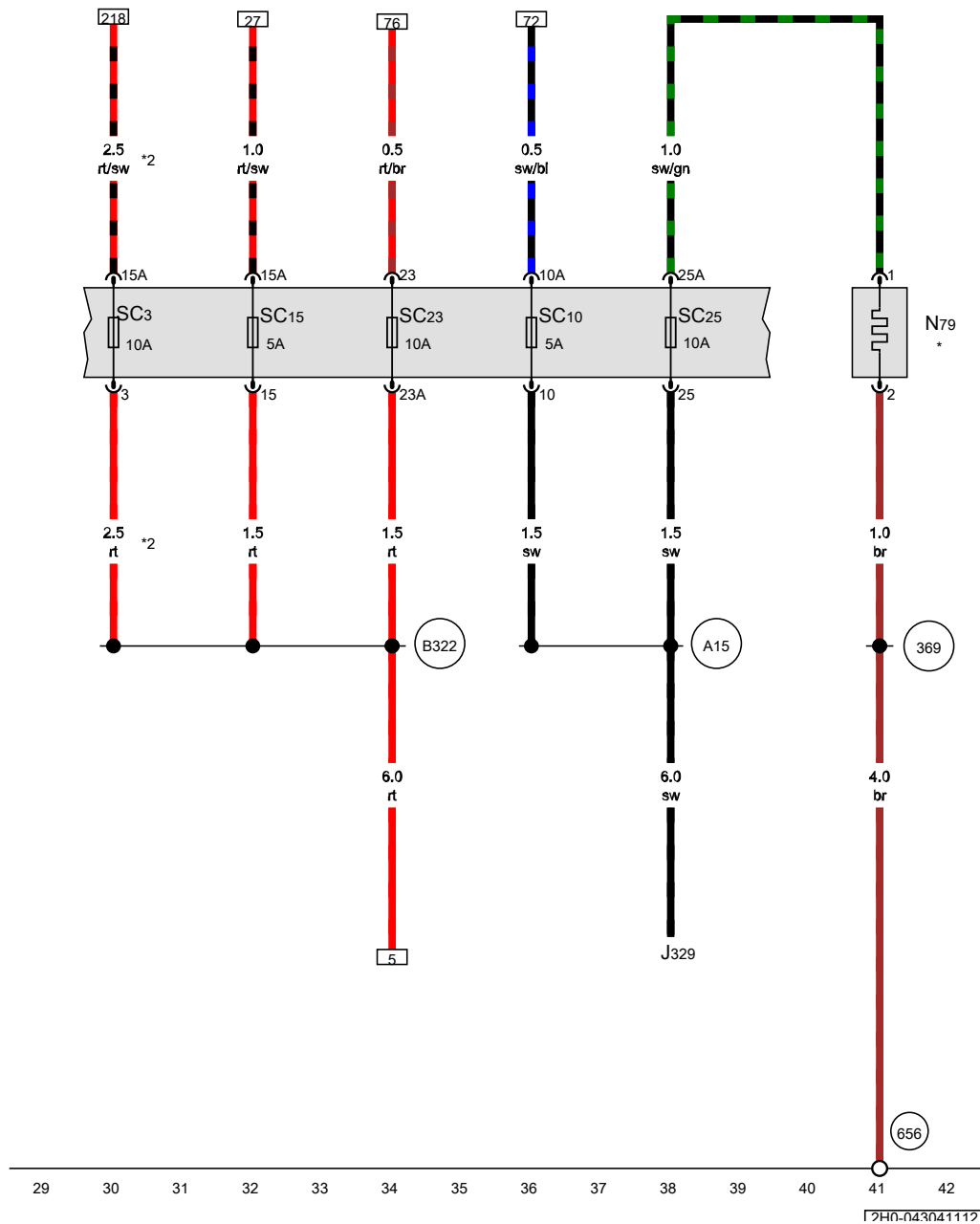
- * see applicable current flow diagram for fuse assignment
- *2 Only models with no air conditioning system/Climatronic
- *3 Only for countries with hot climate

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

Heater element for crankcase breather, Fuse 3 on fuse holder C, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

- J329 Terminal 15 voltage supply relay
- N79 Heater element for crankcase breather
- SC3 Fuse 3 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C

- 369 Earth connection 4, in main wiring harness
- 656 Earth point, on right headlight
- A15 Positive connection (15), in instrument wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- * Only models with crankcase breather heater element
- *2 Only models with automatic gearbox



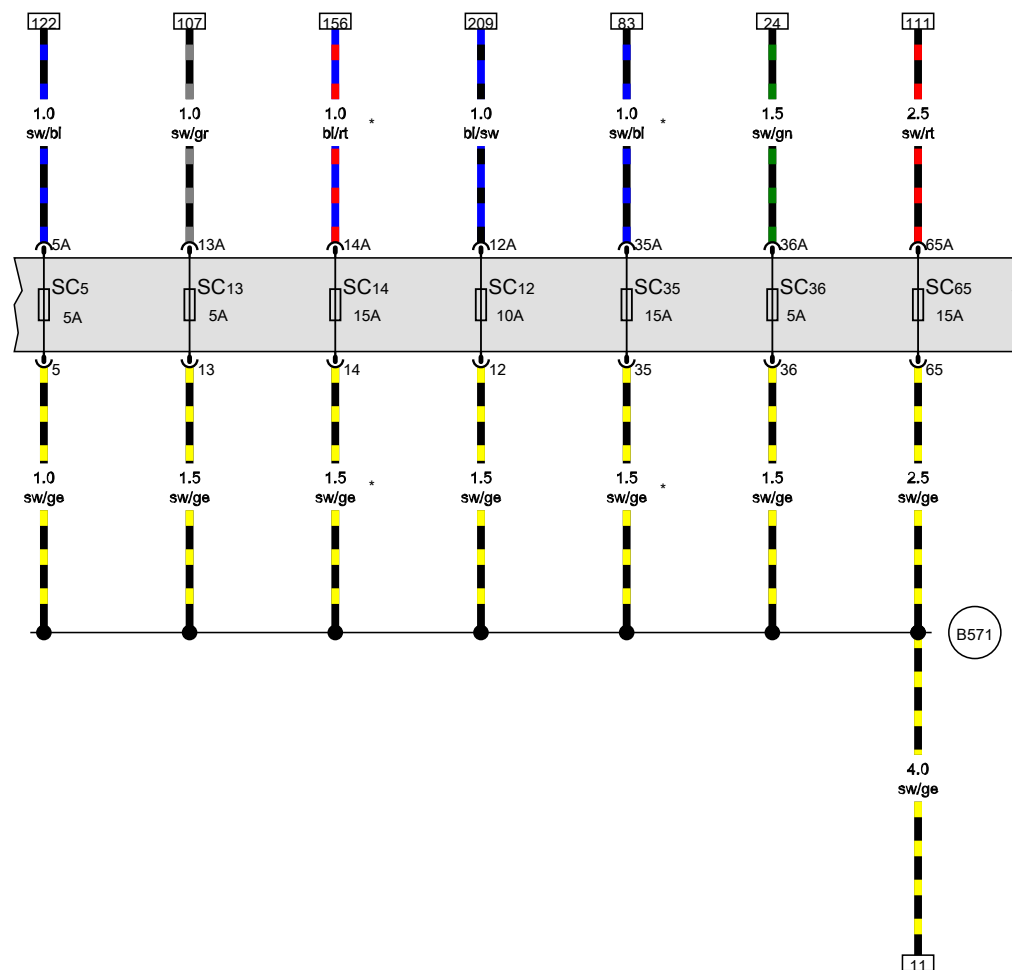
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
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Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

SC5 Fuse 5 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
SC35 Fuse 35 on fuse holder C
SC36 Fuse 36 on fuse holder C
SC65 Fuse 65 on fuse holder C

B571 Connection 38, in main wiring harness

* Only models with Euro 5 emission standard



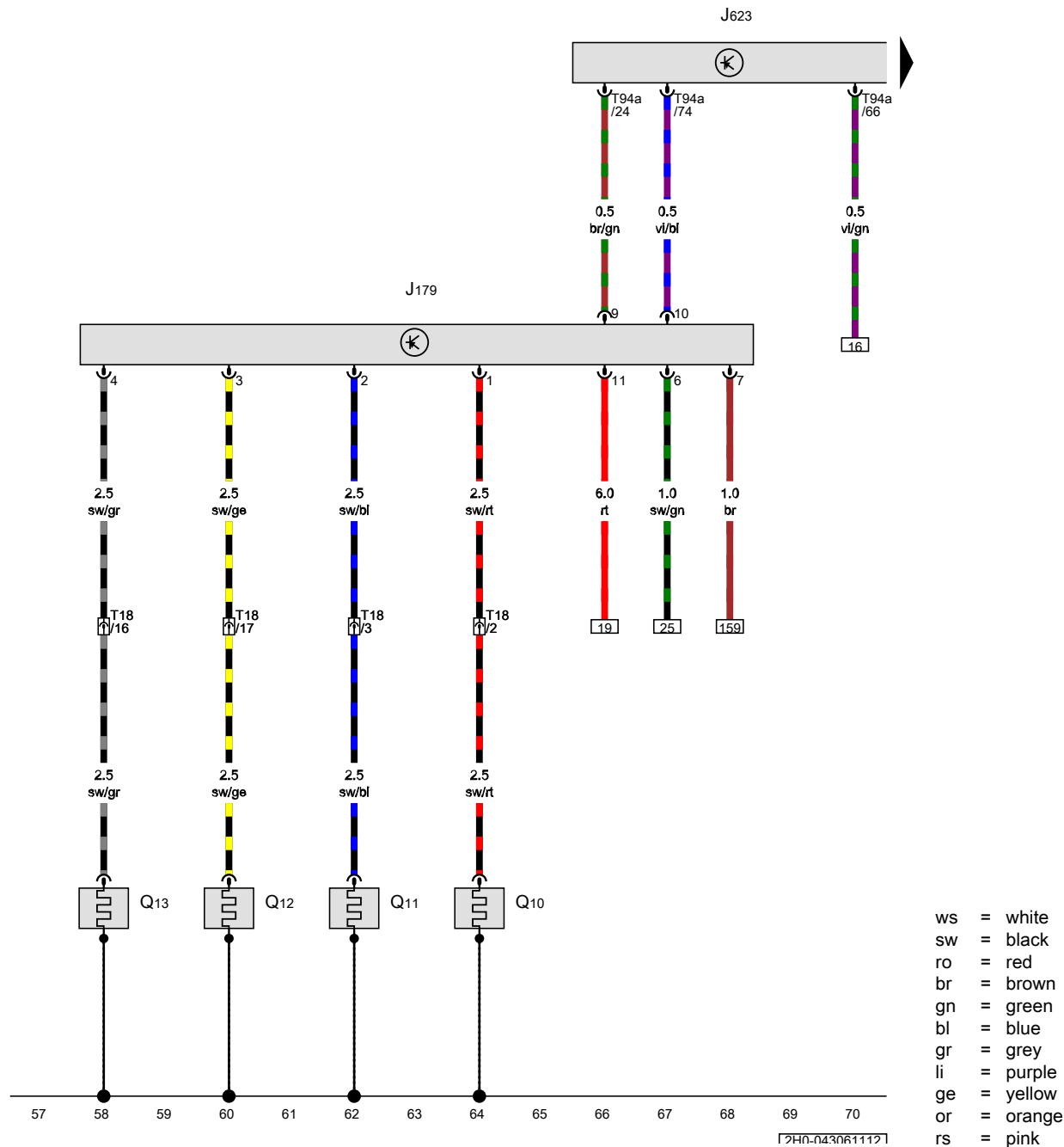
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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

[740-043051112]

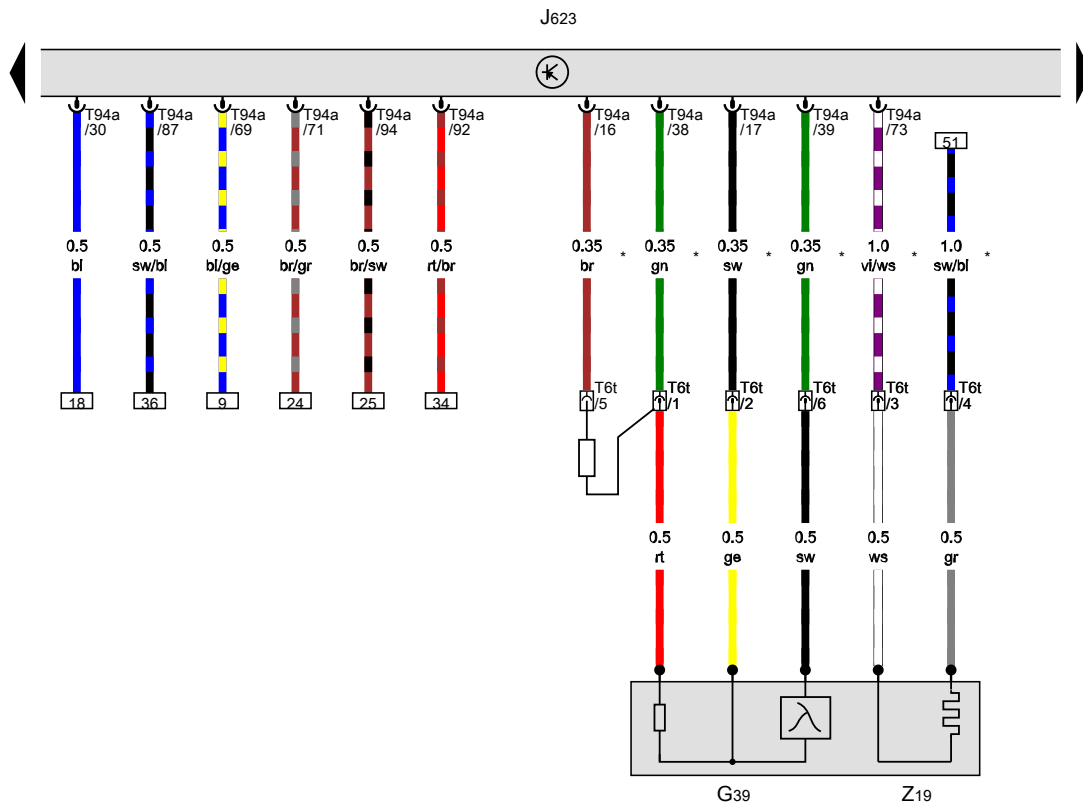
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit, near left headlight
- J623 Engine control unit, near battery
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

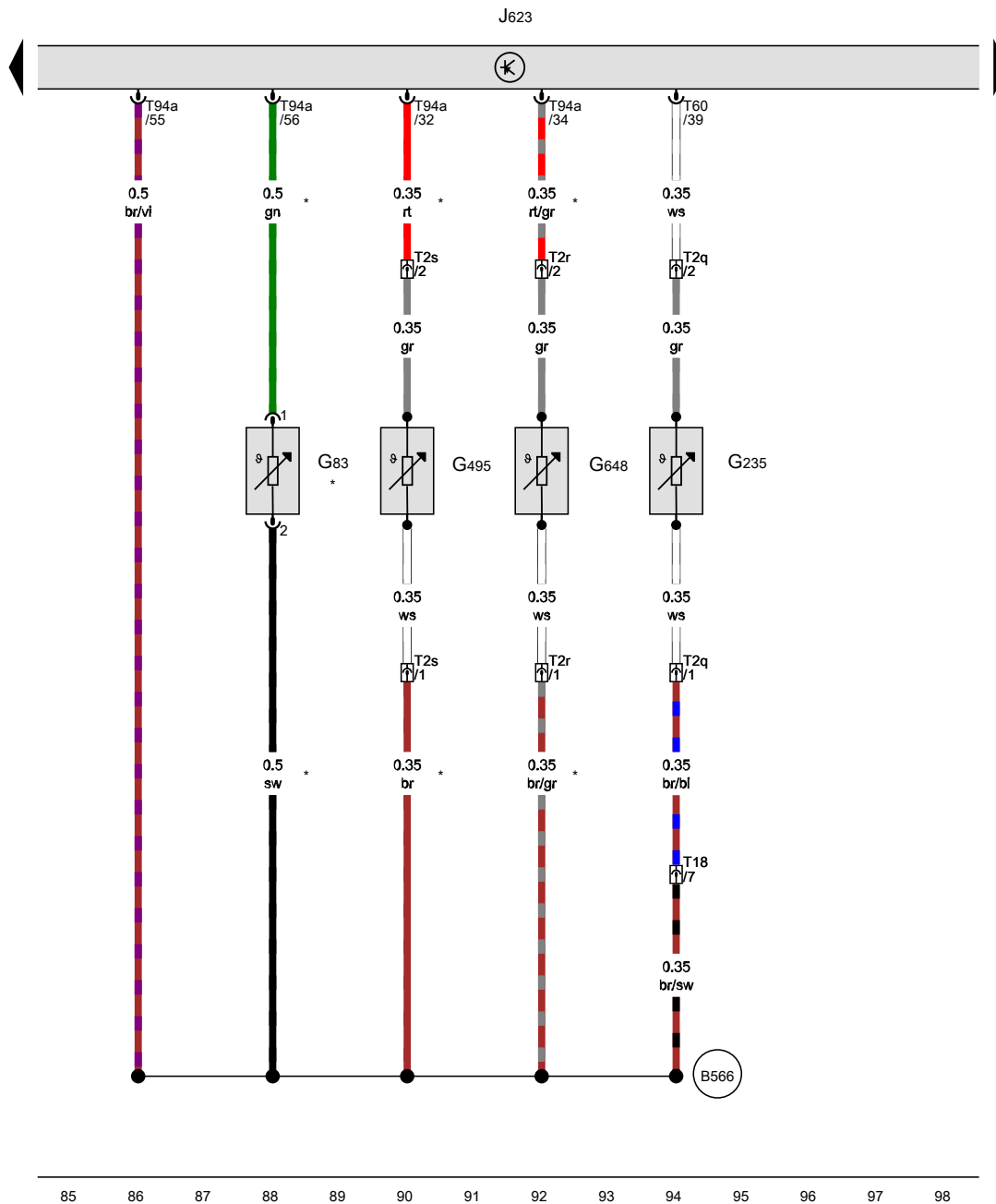


Lambda probe, Engine control unit

- G39 Lambda probe
 J623 Engine control unit, near battery
 T6t 6-pin connector, front right in engine compartment, black
 T94a 94-pin connector, black
 Z19 Lambda probe heater
 * Only models with Euro 5 emission standard



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



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

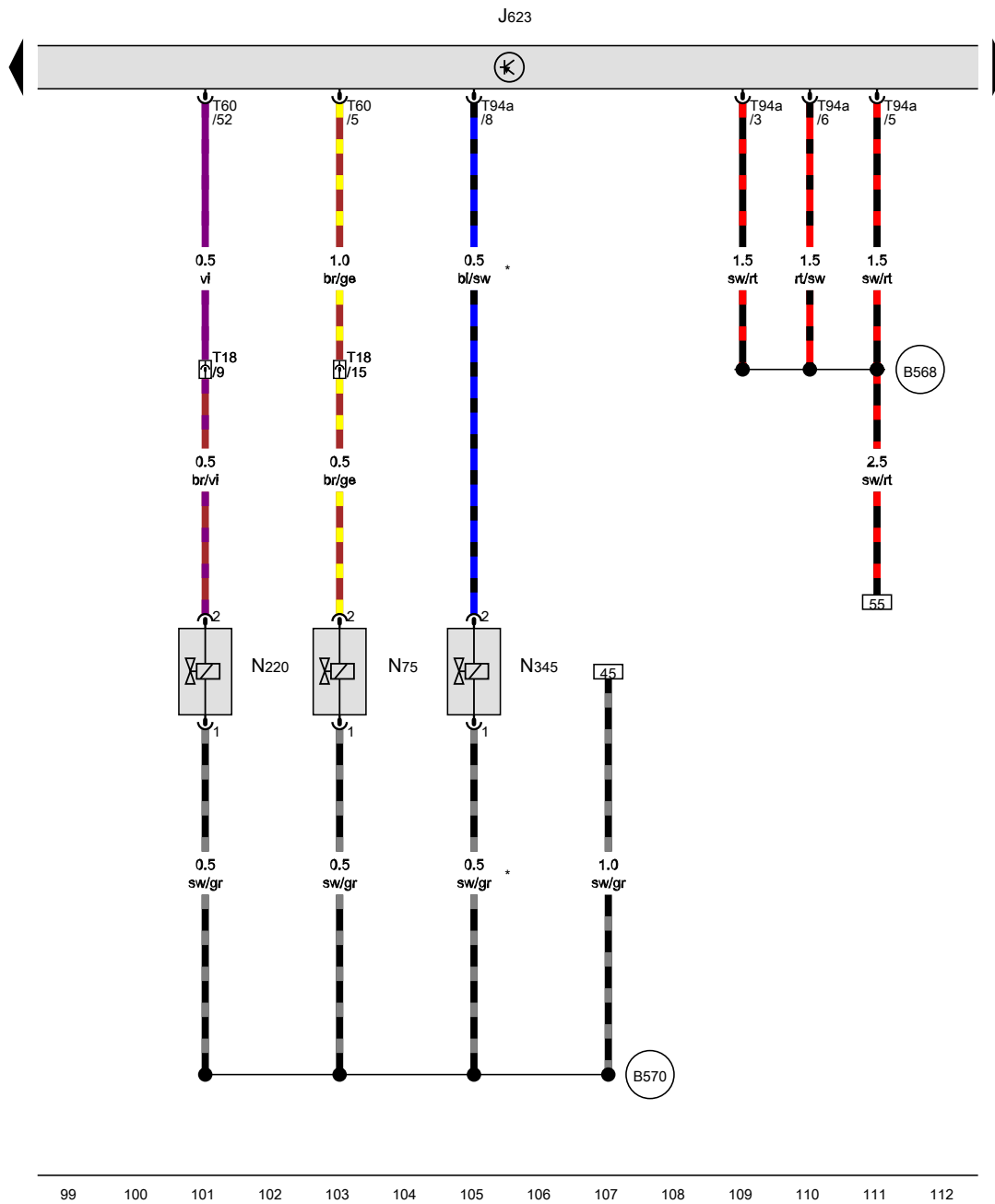
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit, near battery
- T2q 2-pin connector, black
- T2r 2-pin connector, orange
- T2s 2-pin connector, brown
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

* Only models with Euro 5 emission standard

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

[240-043081112]



Engine control unit, Charge pressure control solenoid valve,
Exhaust flap valve, Exhaust gas recirculation cooler
changeover valve

- J623 Engine control unit, near battery
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B568 Connection 35, in main wiring harness

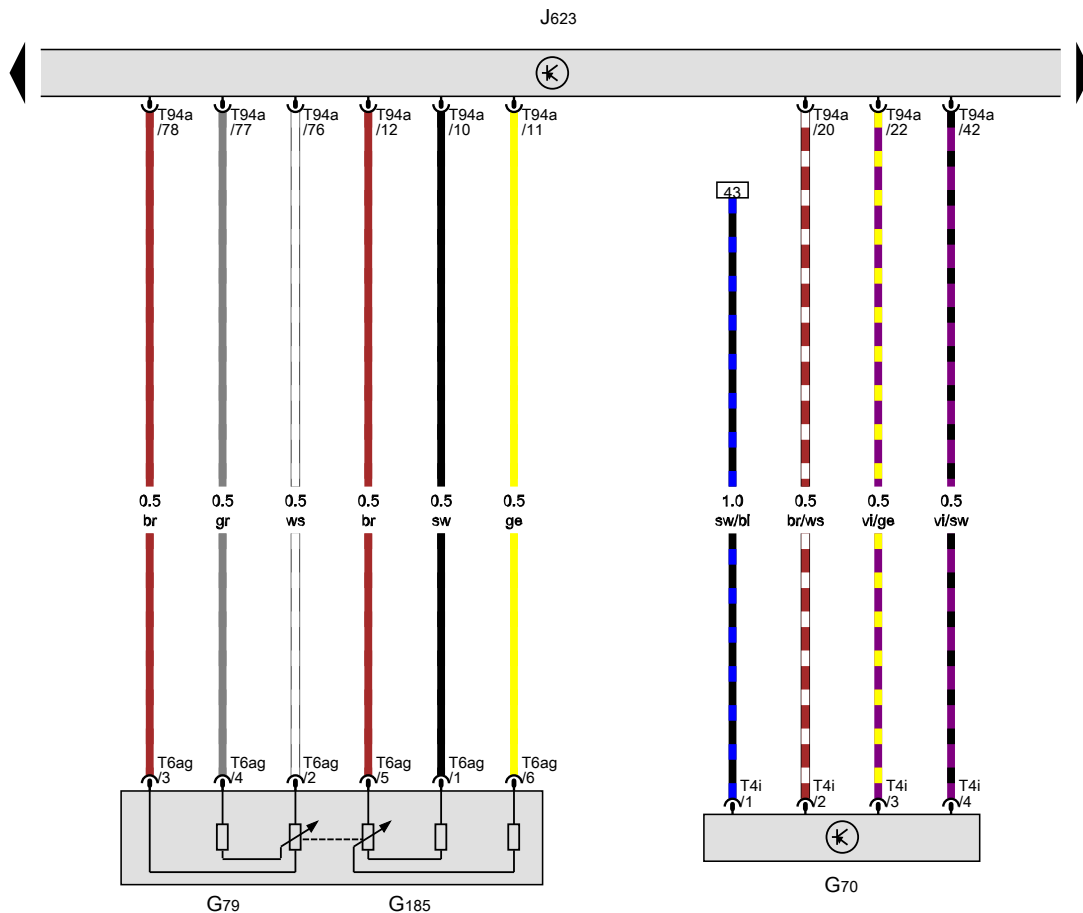
B570 Connection 37, in main wiring harness

* Only models with Euro 5 emission standard

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

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

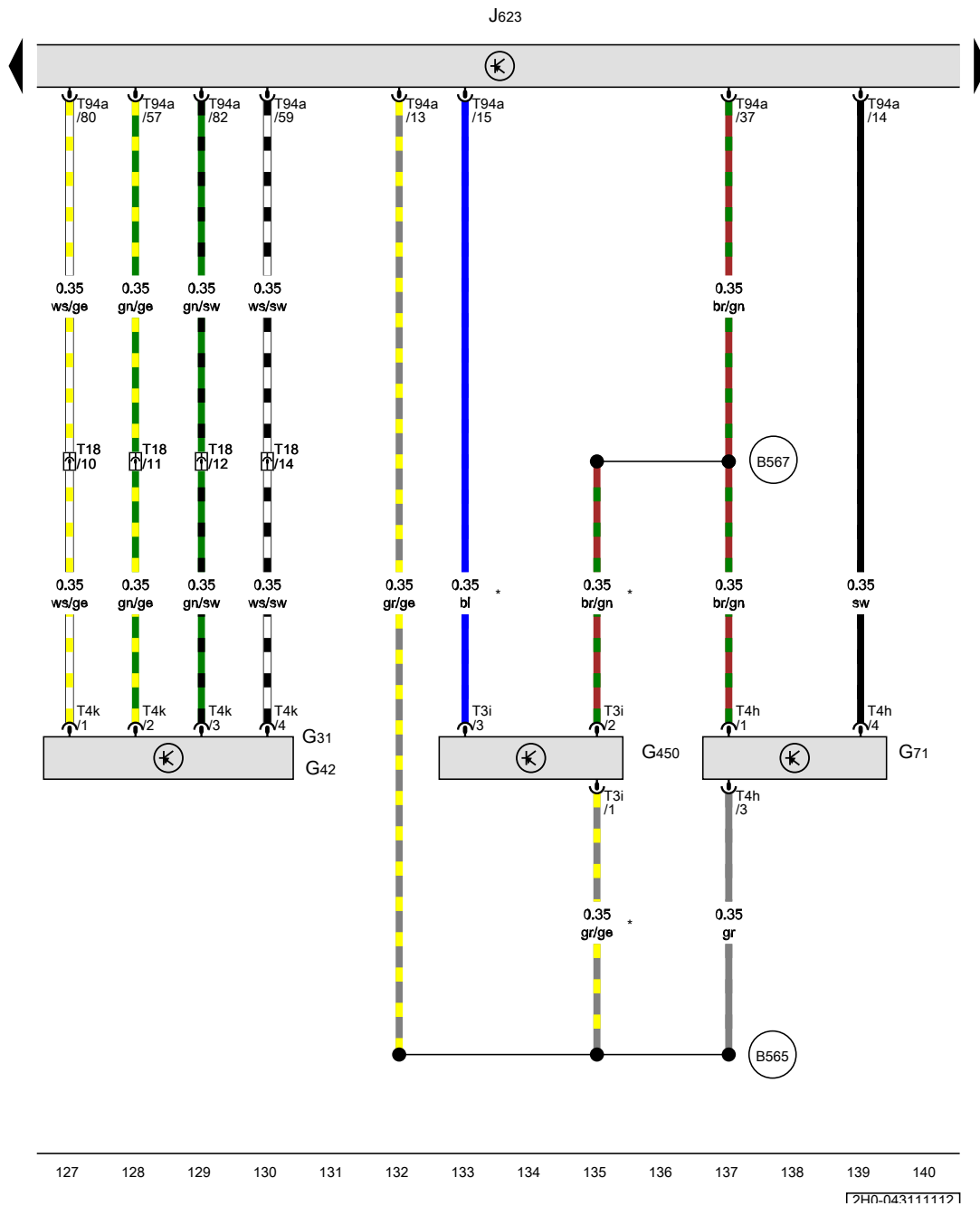
- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit, near battery
- T4i 4-pin connector, black
- T6ag 6-pin connector
- T94a 94-pin connector, black



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

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

[740-043101112]



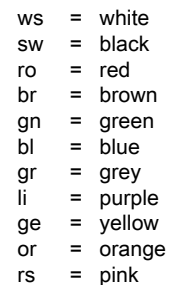
Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit, near battery
- T3i 3-pin connector, black
- T4h 4-pin connector, black
- T4k 4-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

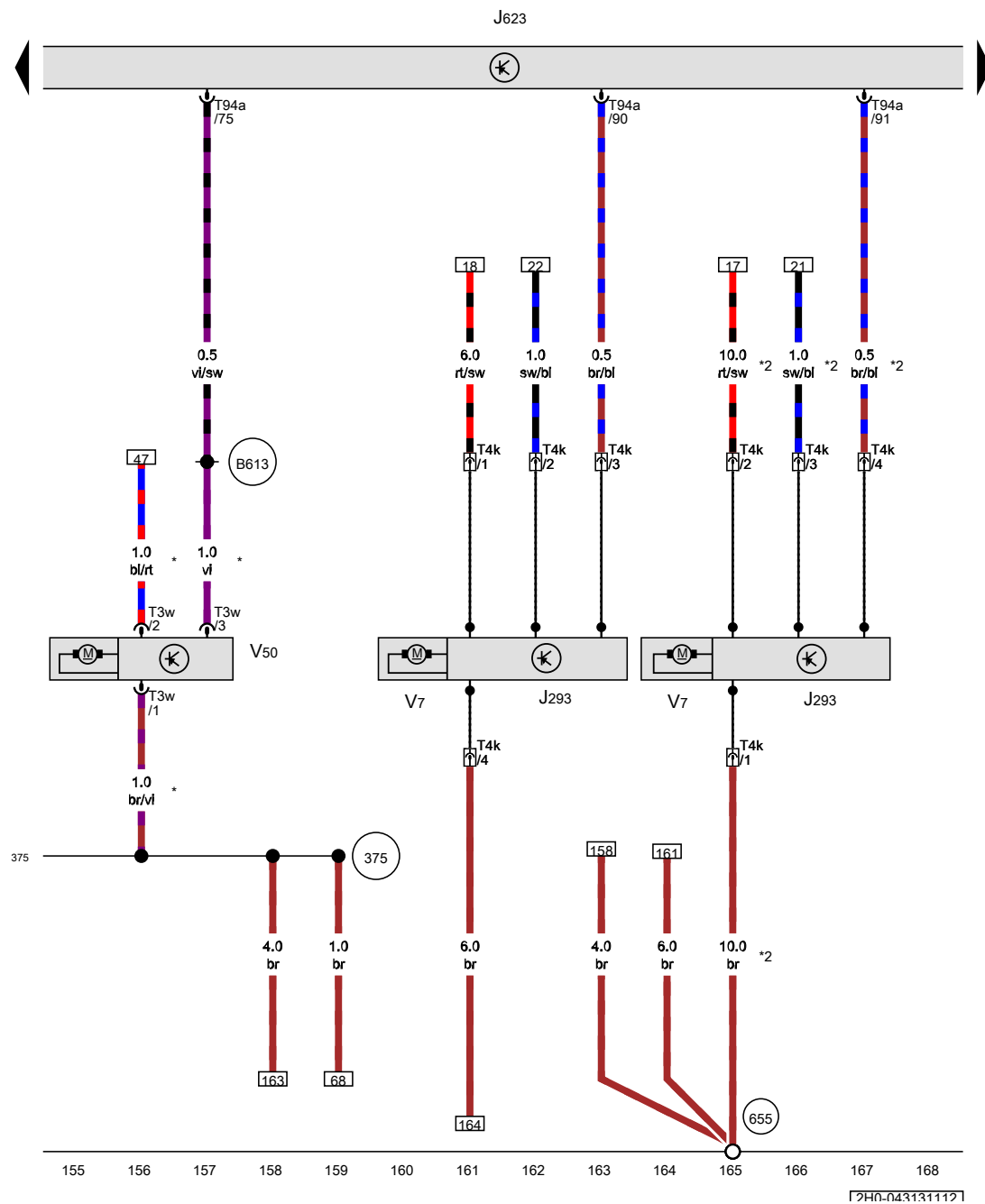
B567 Connection 34, in main wiring harness

* Only models with Euro 5 emission standard



F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black

372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with Euro 5 emission standard
*2	From November 2011



Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit, near battery
- T3w 3-pin connector
- T4k 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

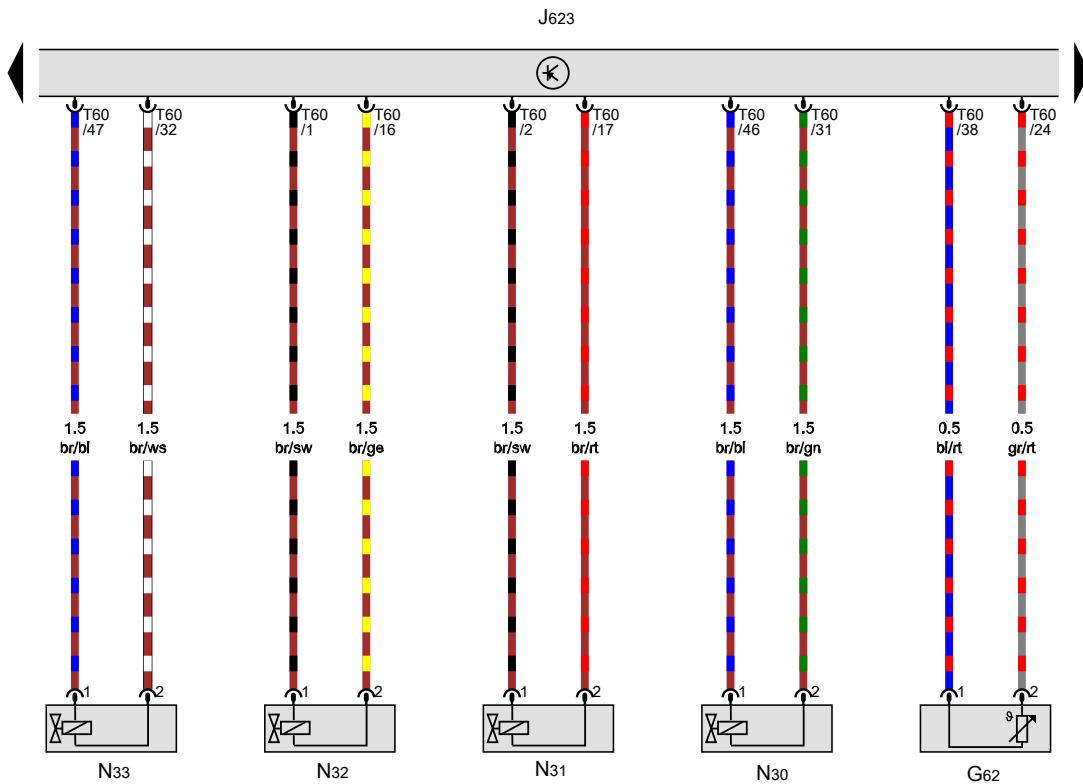
375 Earth connection 10, in main wiring harness

655 Earth point, on left headlight

B613 Connection 41, in main wiring harness

* Only models with Euro 5 emission standard

*2 Only for countries with hot climate



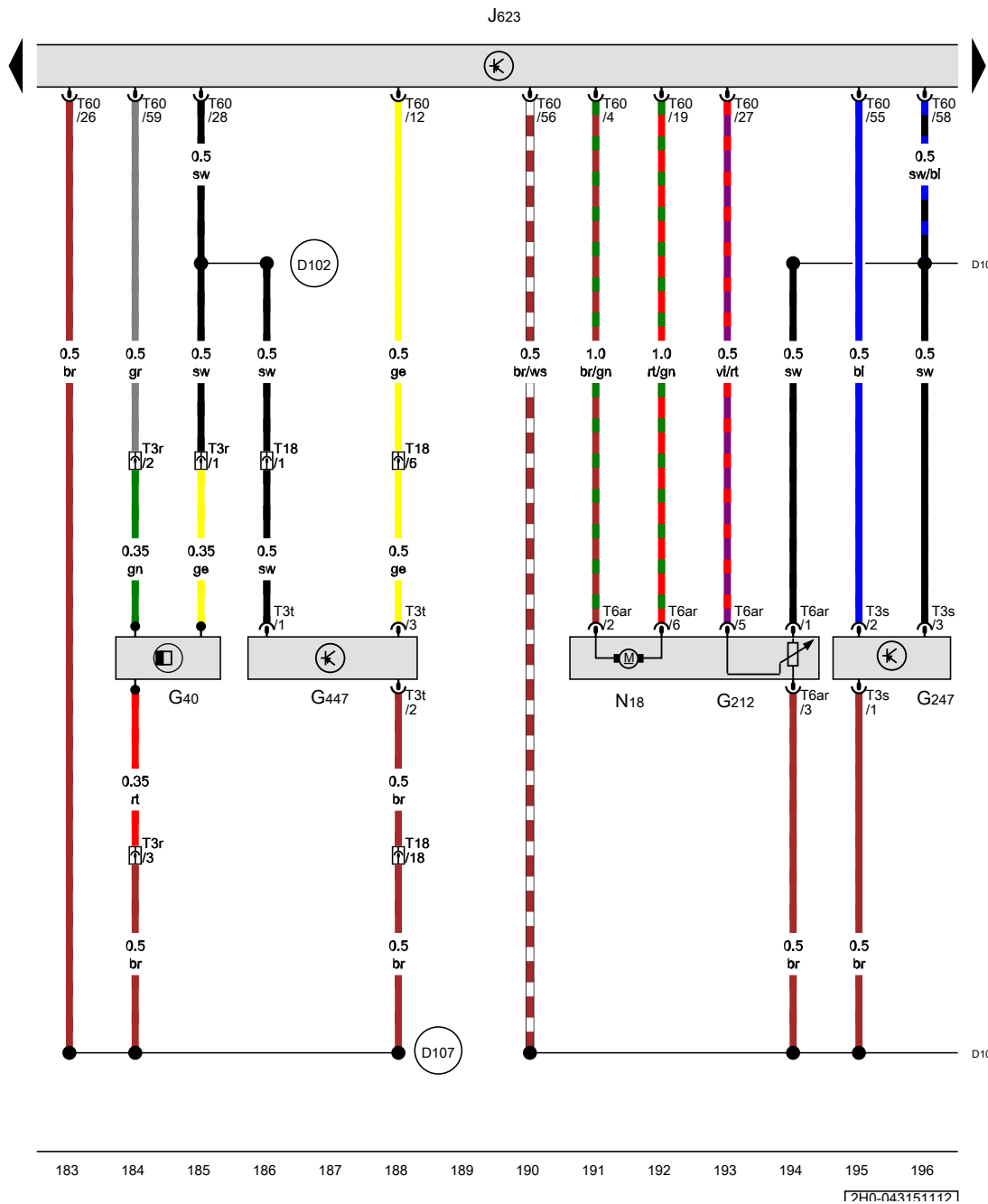
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit, near battery
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T60 60-pin connector, black

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

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

[740-043141112]



Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

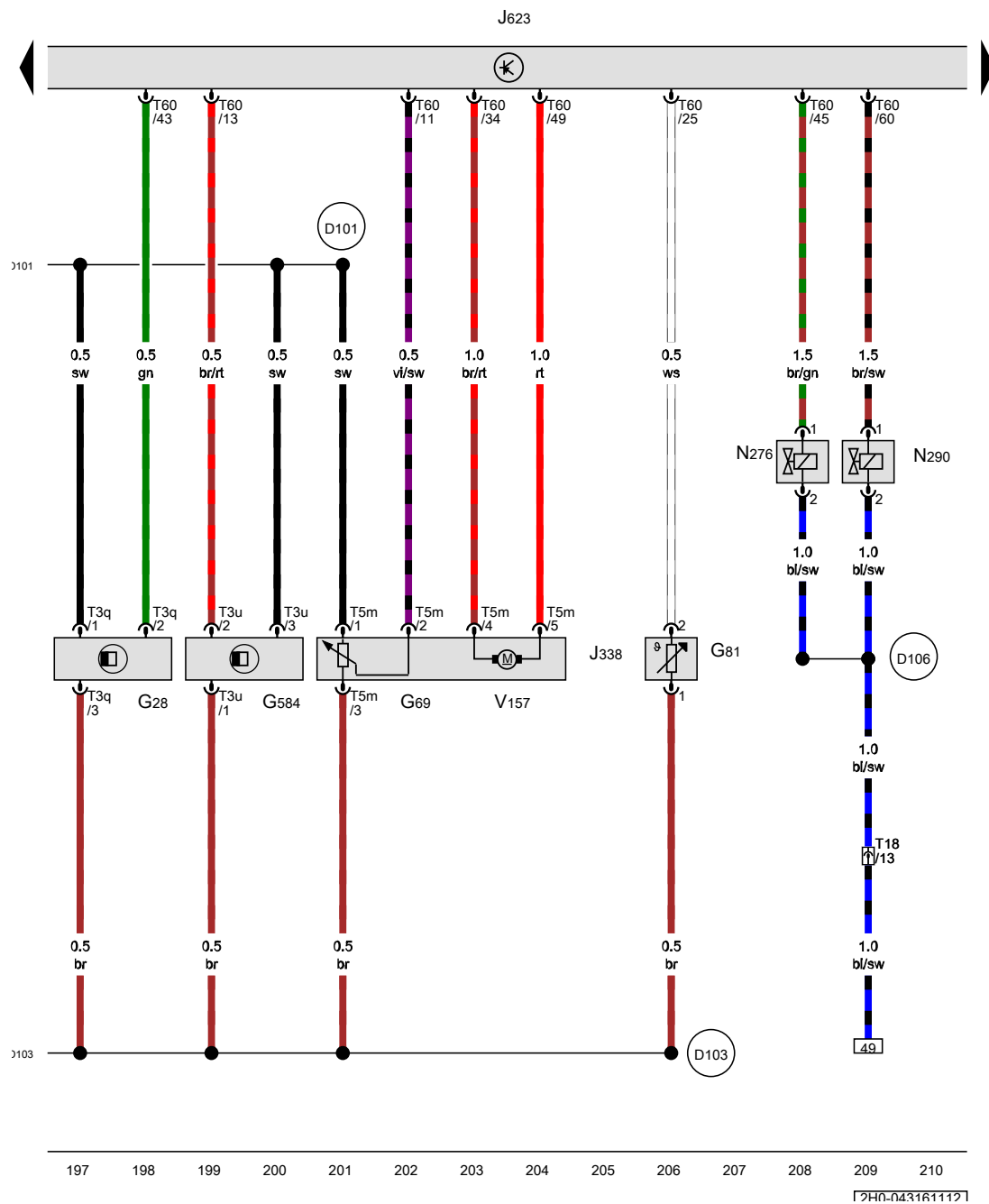
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G447 Charge pressure sender 2, on turbocharger air recirculation valve
- J623 Engine control unit, near battery
- N18 Exhaust gas recirculation valve
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector, black
- T3t 3-pin connector
- T6ar 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

D101 Connection 1 in engine compartment wiring harness

D102 Connection 2 in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

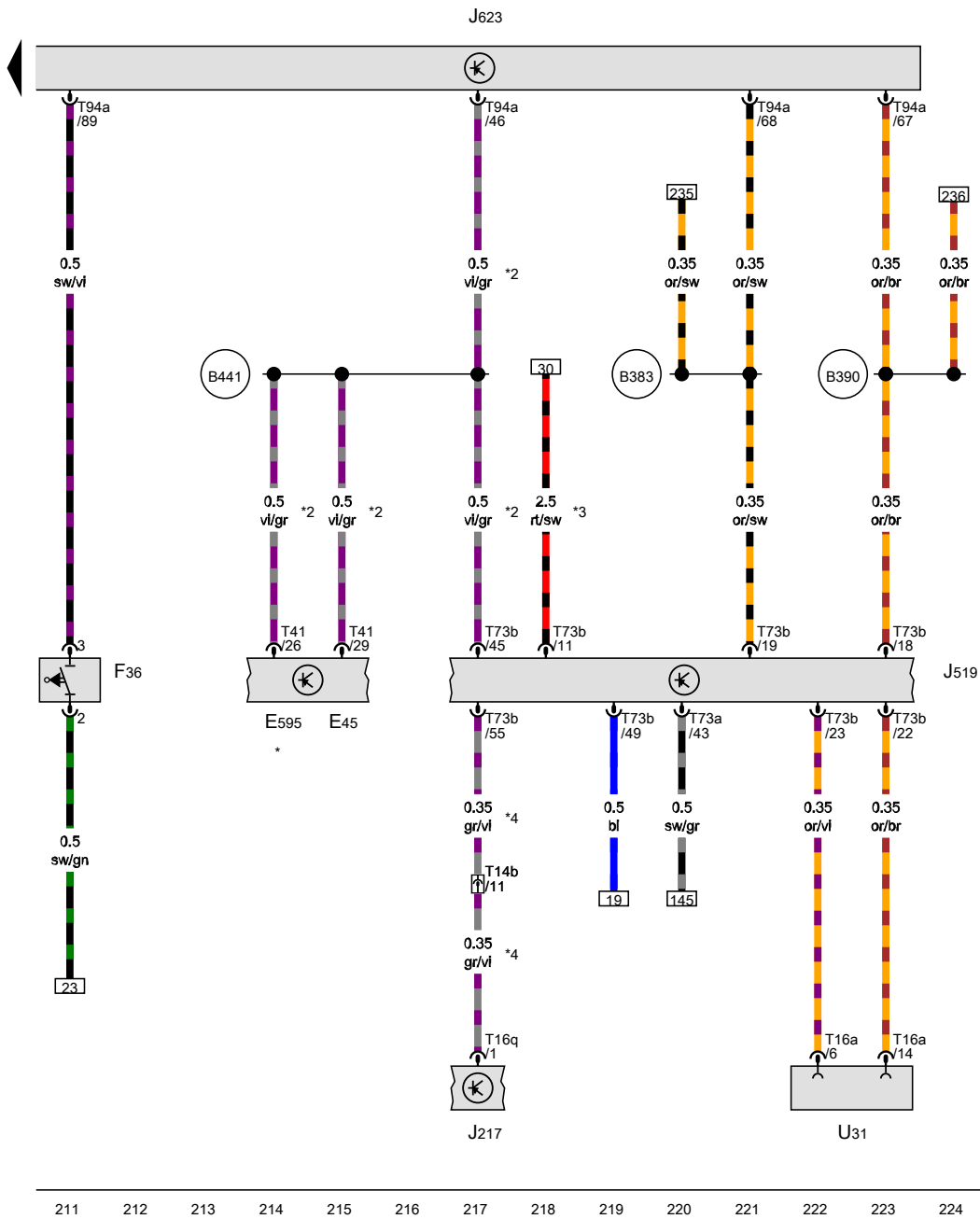
D107 Connection 5 in engine compartment wiring harness



Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

- G28 Engine speed sender
- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G584 Regulating flap potentiometer
- J338 Throttle valve module
- J623 Engine control unit, near battery
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T3q 3-pin connector, black
- T3u 3-pin connector, black
- T5m 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- V157 Intake manifold flap motor

- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness



Cruise control system switch, Clutch pedal switch, Automatic gearbox control unit, Onboard supply control unit, Engine control unit

- E45 Cruise control system switch
- E595 Steering column combination switch
- F36 Clutch pedal switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J623 Engine control unit, near battery
- T14b 14-pin connector, near battery, black
- T16a 16-pin connector
- T16q 16-pin connector
- T41 41-pin connector, grey
- T73a 73-pin connector
- T73b 73-pin connector
- T94a 94-pin connector, black
- 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

B441 Connection (CCS), in main wiring harness

* see applicable current flow diagram for basic equipment

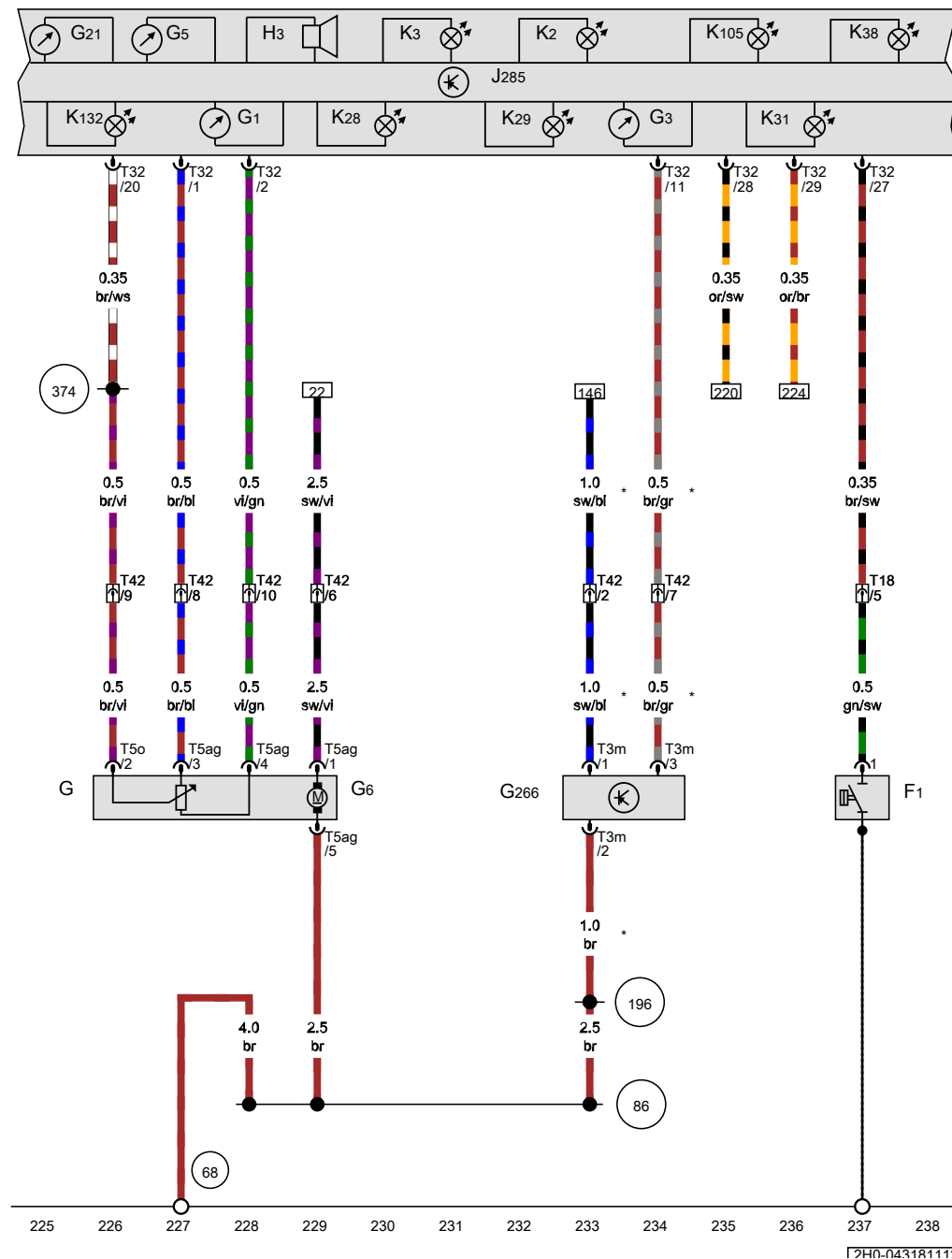
*2 Only models with cruise control system (CCS)

*3 Only models with automatic gearbox

*4 see applicable current flow diagram for automatic gearbox

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

Oil level and oil temperature sender, Dash panel insert



- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- T3m 3-pin connector
- T5ag 5-pin connector
- T5o 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- T42 42-pin connector, near handbrake lever, black

68 Earth point, on left of rear cross member

86 Earth connection 1, in rear wiring harness

196 Earth connection 3, in rear wiring harness

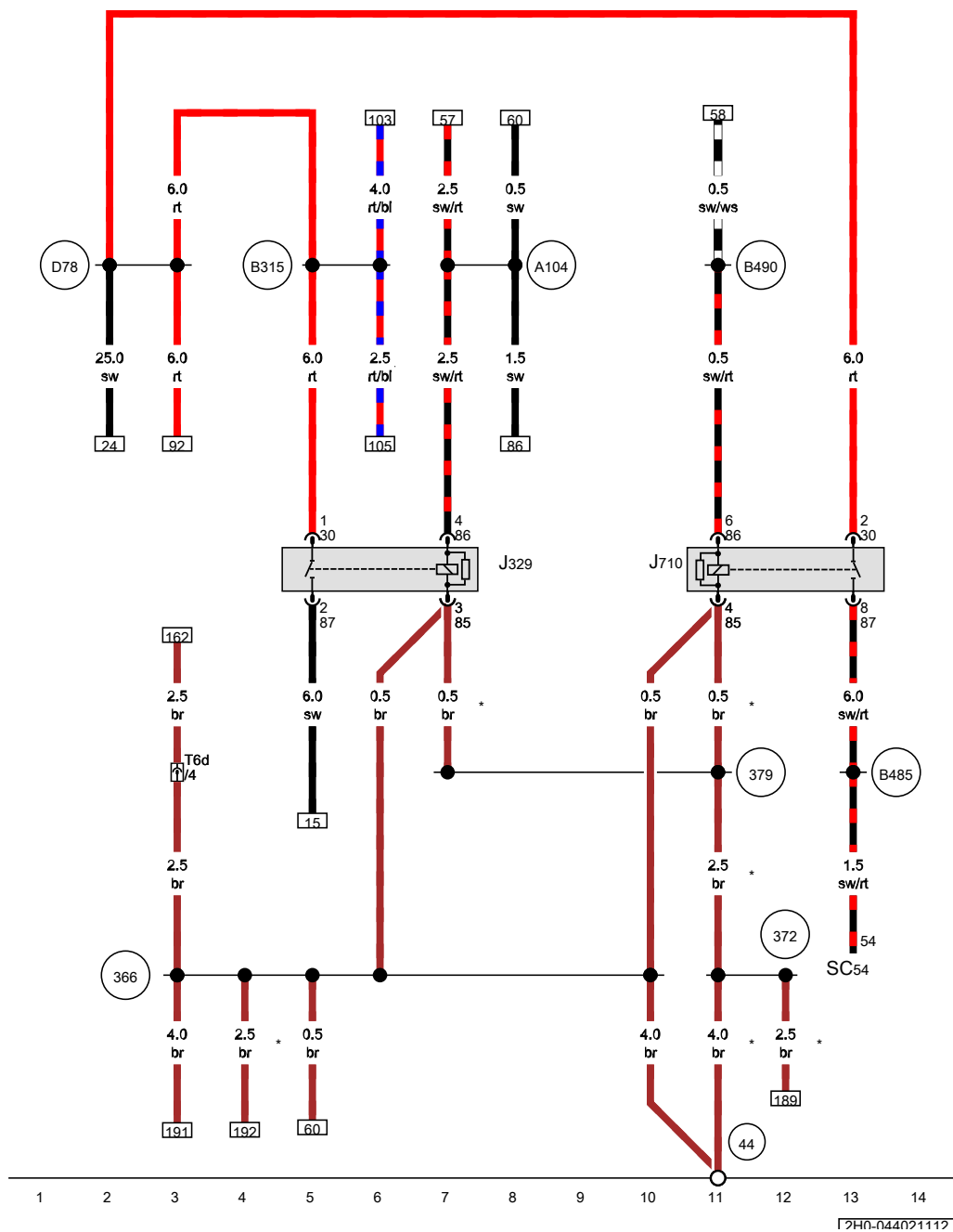
374 Earth connection 9, in main wiring harness

* Only models with Euro 5 emission standard

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

2.0l diesel engine , CNEA,CSHA,(7L6)

From September 2011



**Terminal 15 voltage supply relay, Voltage supply relay 2,
Fuse 54 on fuse holder C**

J329 Terminal 15 voltage supply relay

J710 Voltage supply relay 2

SC54 Fuse 54 on fuse holder C

T6d 6-pin connector

44 Earth point, lower part of left A-pillar

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

379 Earth connection 14, in main wiring harness

(A104) Positive connection 2 (15), in dash panel wiring harness

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

(B485) Connection 21, in main wiring harness

(B490) Connection 26, in main wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

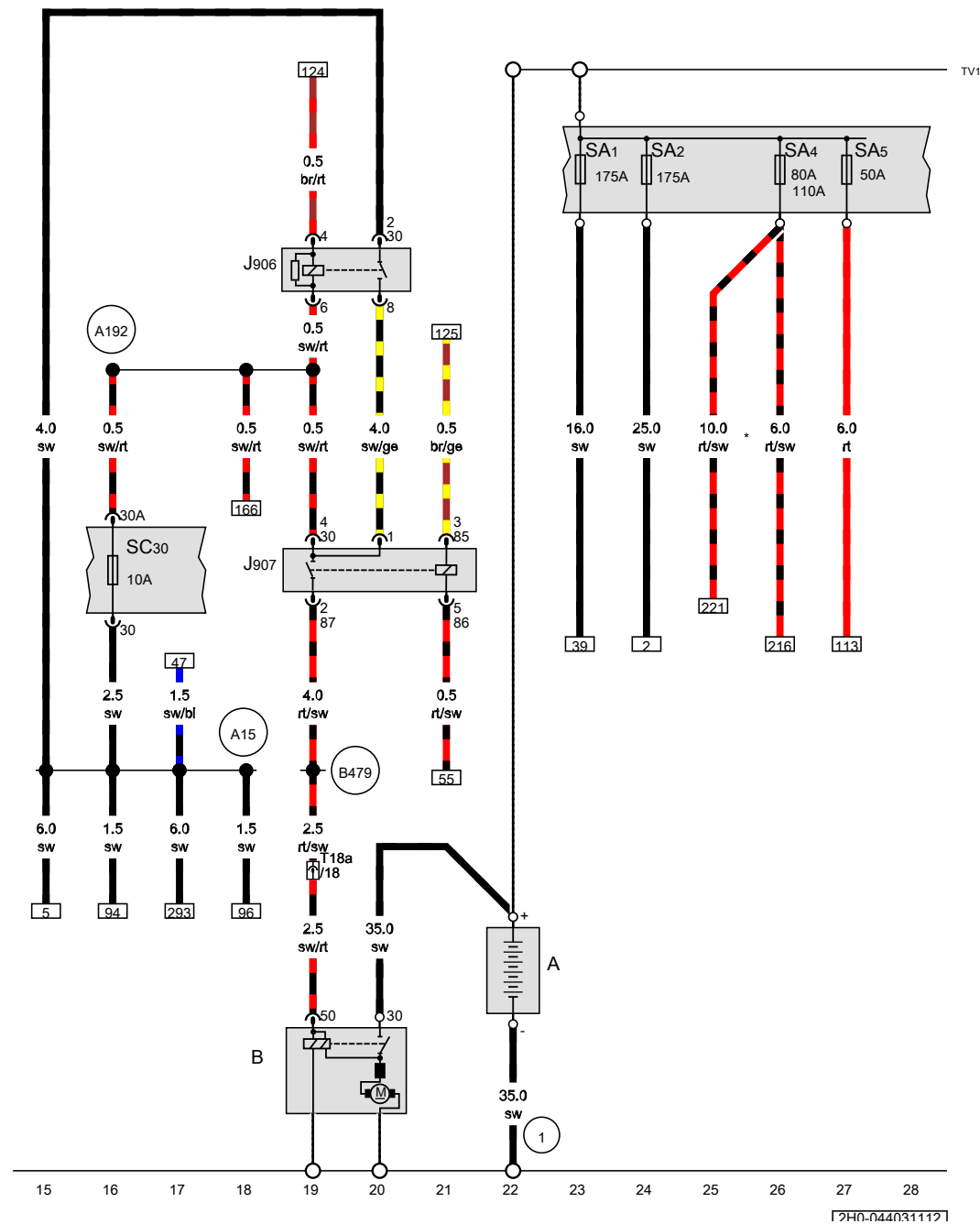
* From November 2011

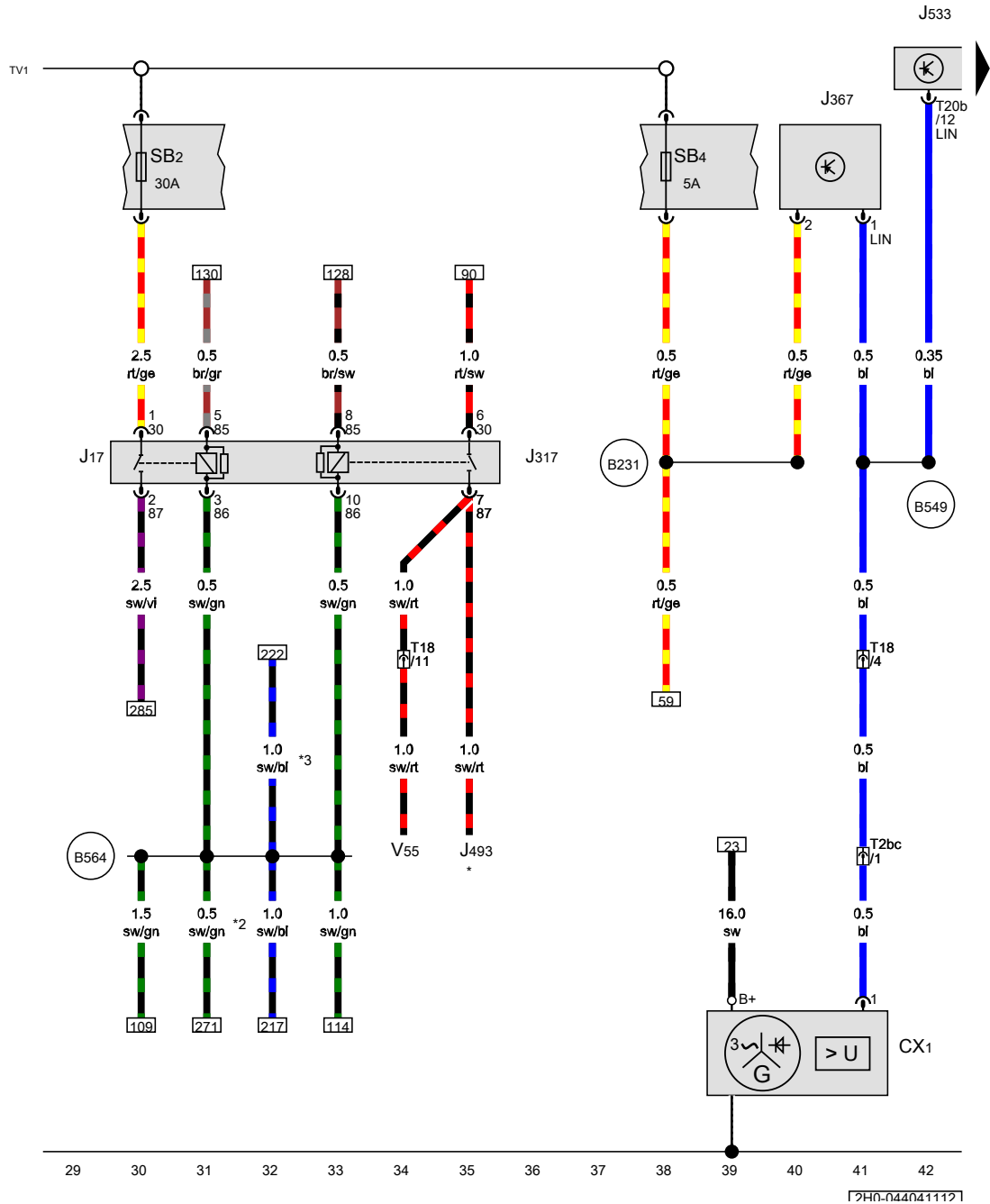
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Battery, Starter, Starter relay 1, Starter relay 2, Fuse 1 in fuse holder A, Fuse 5 in fuse holder A

- A Battery
- B Starter
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SC30 Fuse 30 on fuse holder C
- T18a 18-pin connector, near engine control unit

- 1 Earth strap, battery - body
- A15 Positive connection (15), in instrument wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- * Only for countries with hot climate



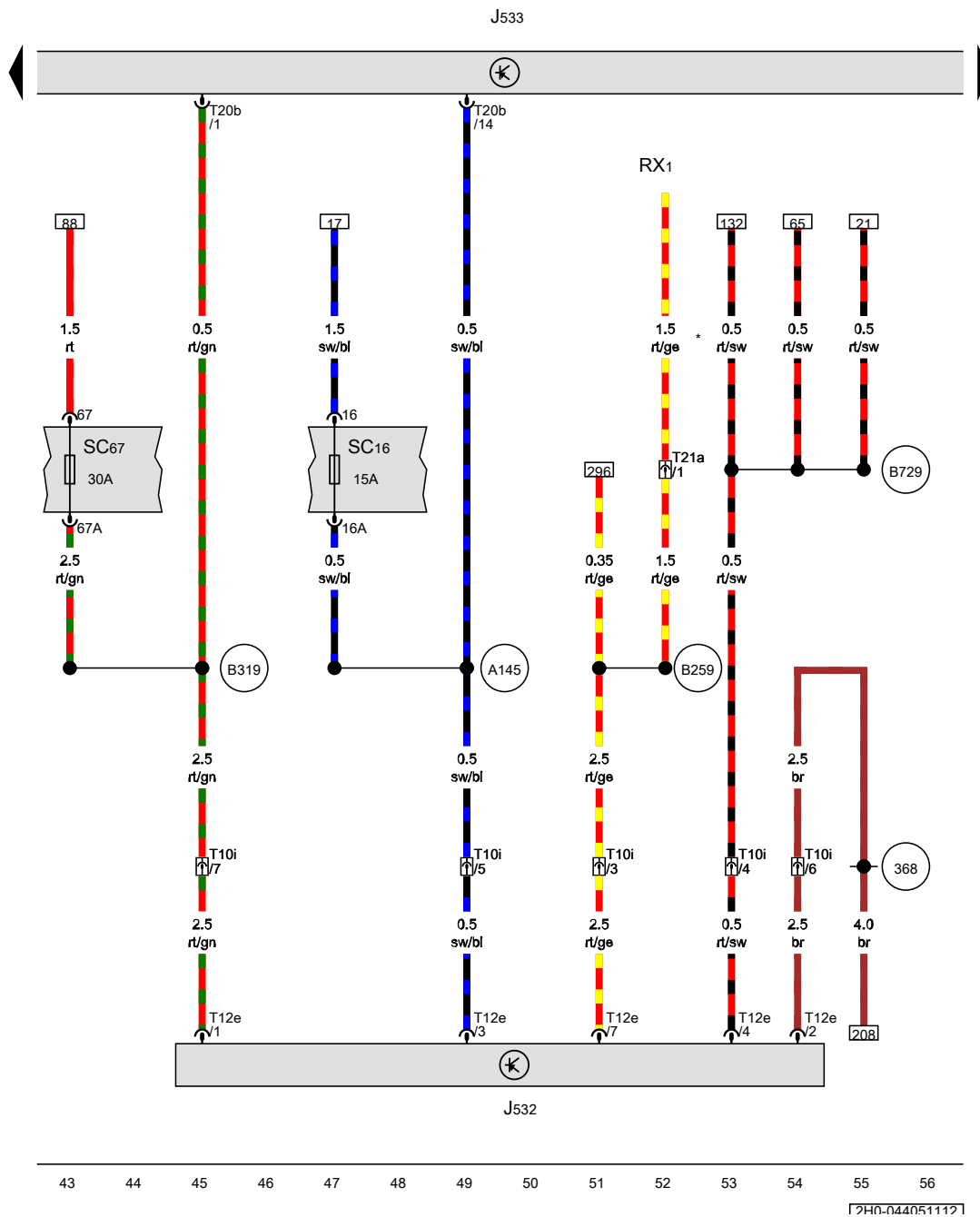


Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Battery monitor control unit, Auxiliary coolant heater relay, Data bus diagnostic interface, Fuse 2 on fuse holder B

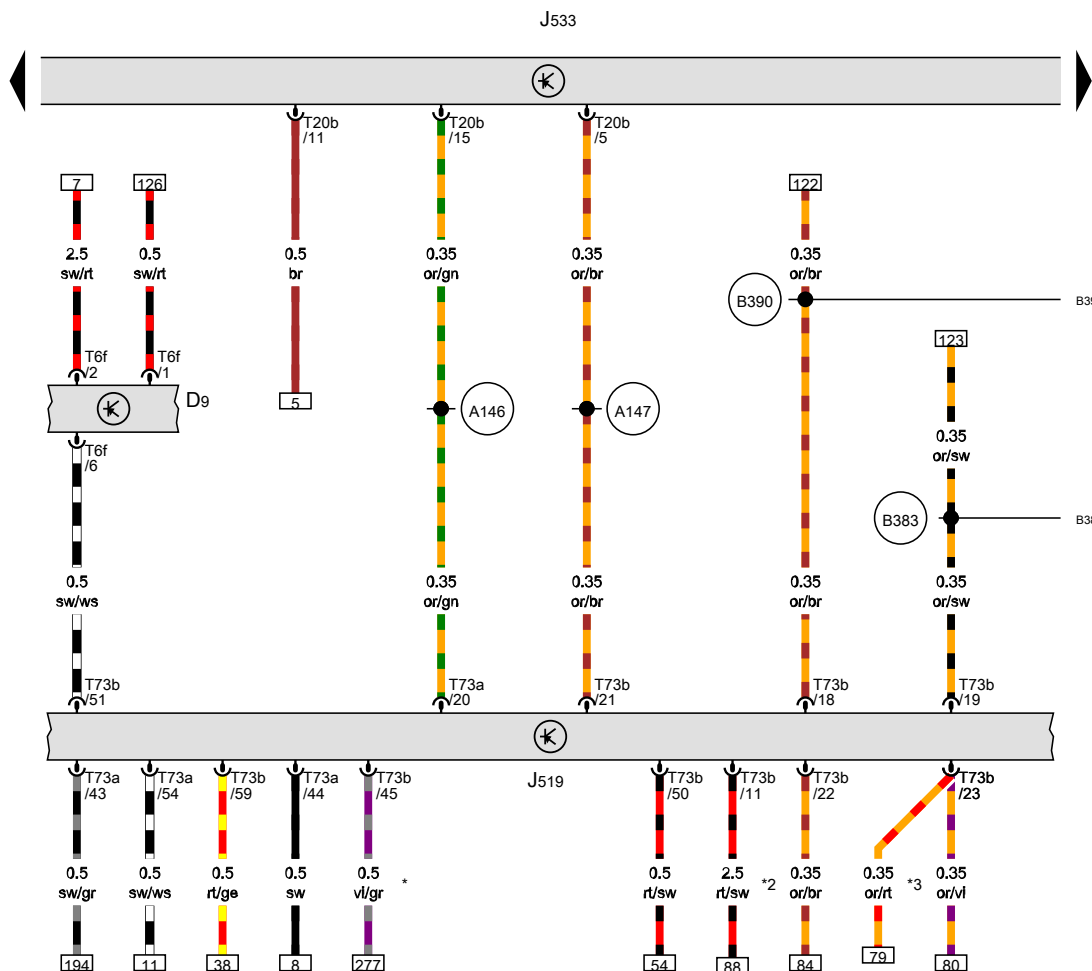
- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay, on relay carrier
- J367 Battery monitor control unit
- J493 Auxiliary coolant heater relay
- J533 Data bus diagnostic interface
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- T2bc 2-pin connector
- T5aq 5-pin connector
- T18 18-pin connector, near engine control unit, black
- T20b 20-pin connector
- V55 Circulation pump
- B231 Positive connection 5 (30a), in interior wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- B564 Connection 31, in main wiring harness
- * see applicable current flow diagram for air conditioning
- *2 Only models with manual gearbox
- *3 Only for countries with hot climate

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Voltage stabiliser, Data bus diagnostic interface, Fuse 16 on fuse holder C, Fuse 67 on fuse holder C



- J532 Voltage stabiliser
- J533 Data bus diagnostic interface
- RX1 Radio/RNS
- SC16 Fuse 16 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector
- T20b 20-pin connector
- T21a 21-pin connector, on relay carrier, brown
- 368 Earth connection 3, in main wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- B259 Connection (start/stop signal), in interior wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- * see applicable current flow diagram



Electronic ignition lock, Onboard supply control unit, Data bus diagnostic interface

- D9 Electronic ignition lock
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T6f 6-pin connector
- T20b 20-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with cruise control system (CCS)
- *2 Only models with automatic gearbox
- *3 From November 2011

ws = white
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 ro = red
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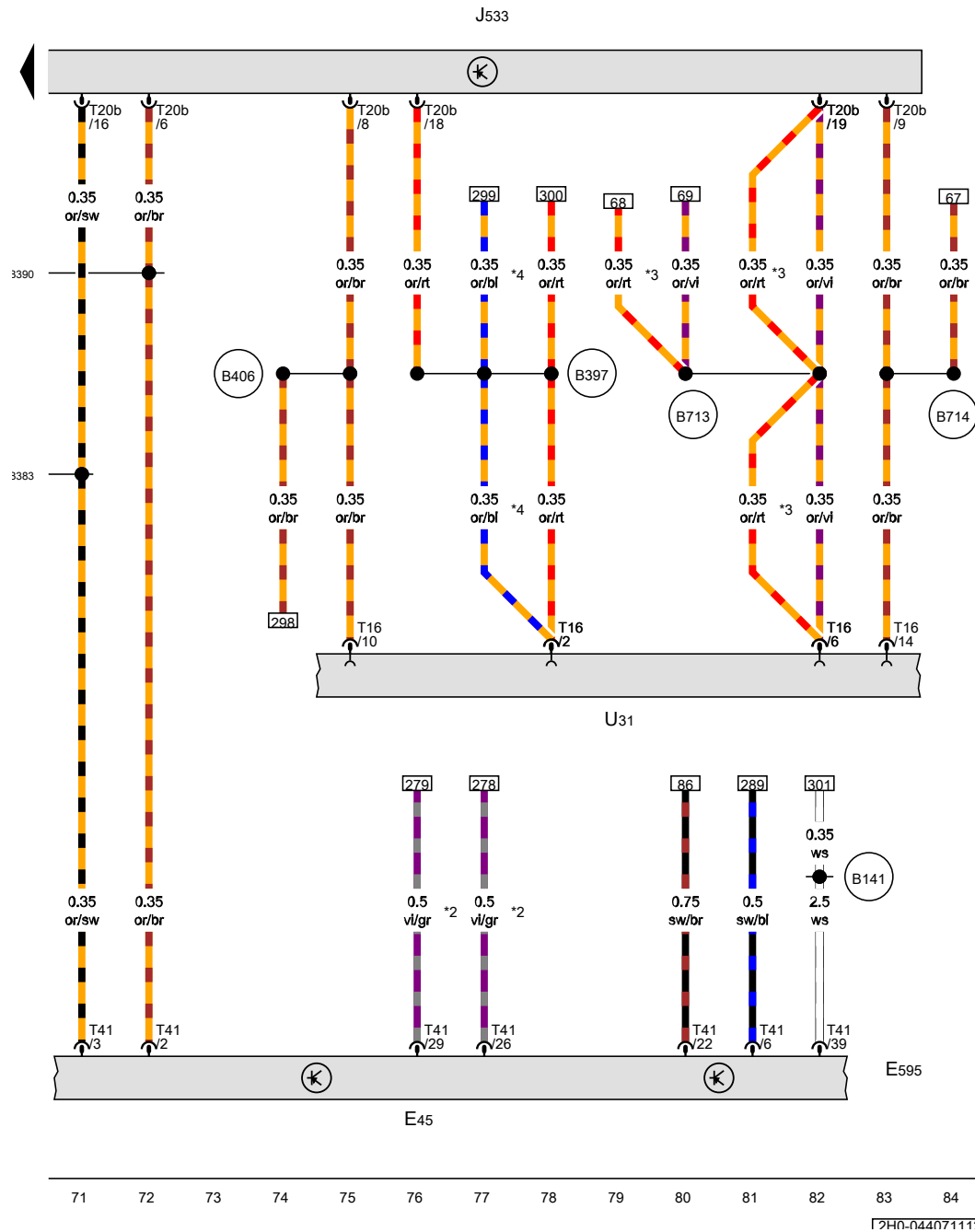
Cruise control system switch, Steering column combination switch, Data bus diagnostic interface, Diagnostic connection

E45	Cruise control system switch
E595	Steering column combination switch
J533	Data bus diagnostic interface
T16	16-pin connector
T20b	20-pin connector
T41	41-pin connector
U31	Diagnostic connection

- B141 Positive connection 1 (56a), 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

* Only models with Climatronic
*2 Only models with cruise control system (CCS)
*3 From November 2011
*4 From July 2011

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Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

- N79 Heater element for crankcase breather
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C

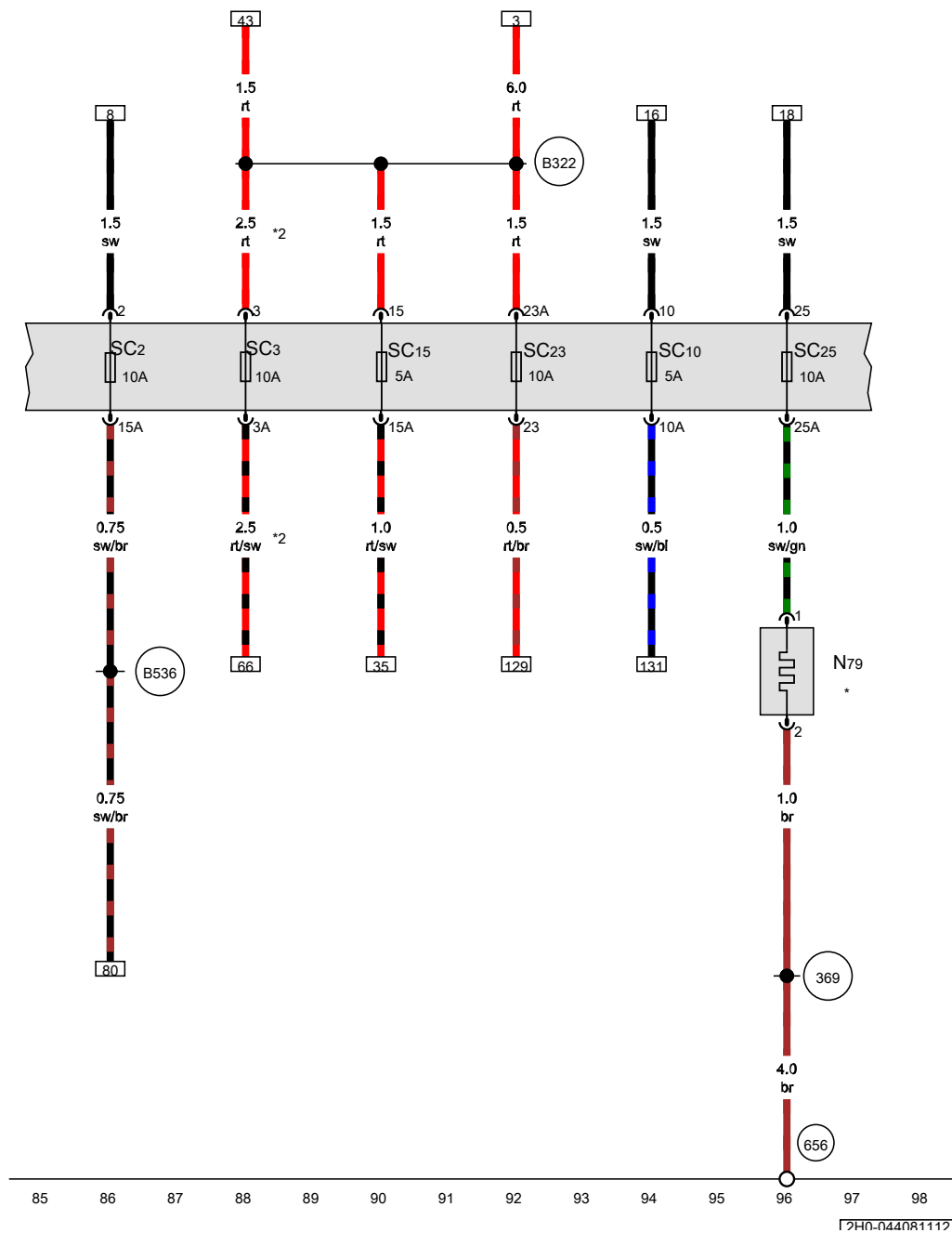
369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight

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

B536 Connection 27, in main wiring harness

- * Only models with crankcase breather heater element
- *2 Only models with automatic gearbox

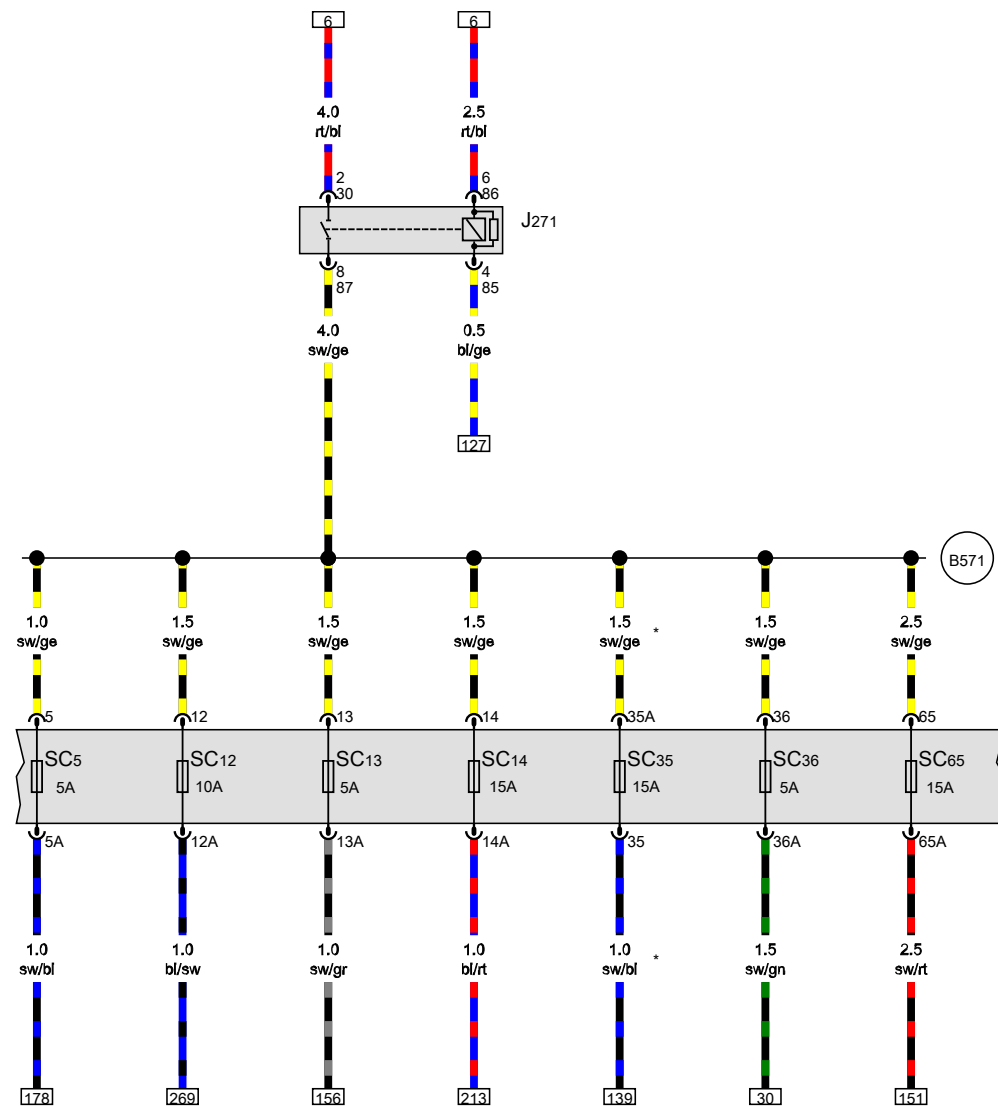


Main relay, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

- J271 Main relay, on relay carrier
- SC5 Fuse 5 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
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC65 Fuse 65 on fuse holder C

B571 Connection 38, in main wiring harness

* Only models with Euro 5 emission standard



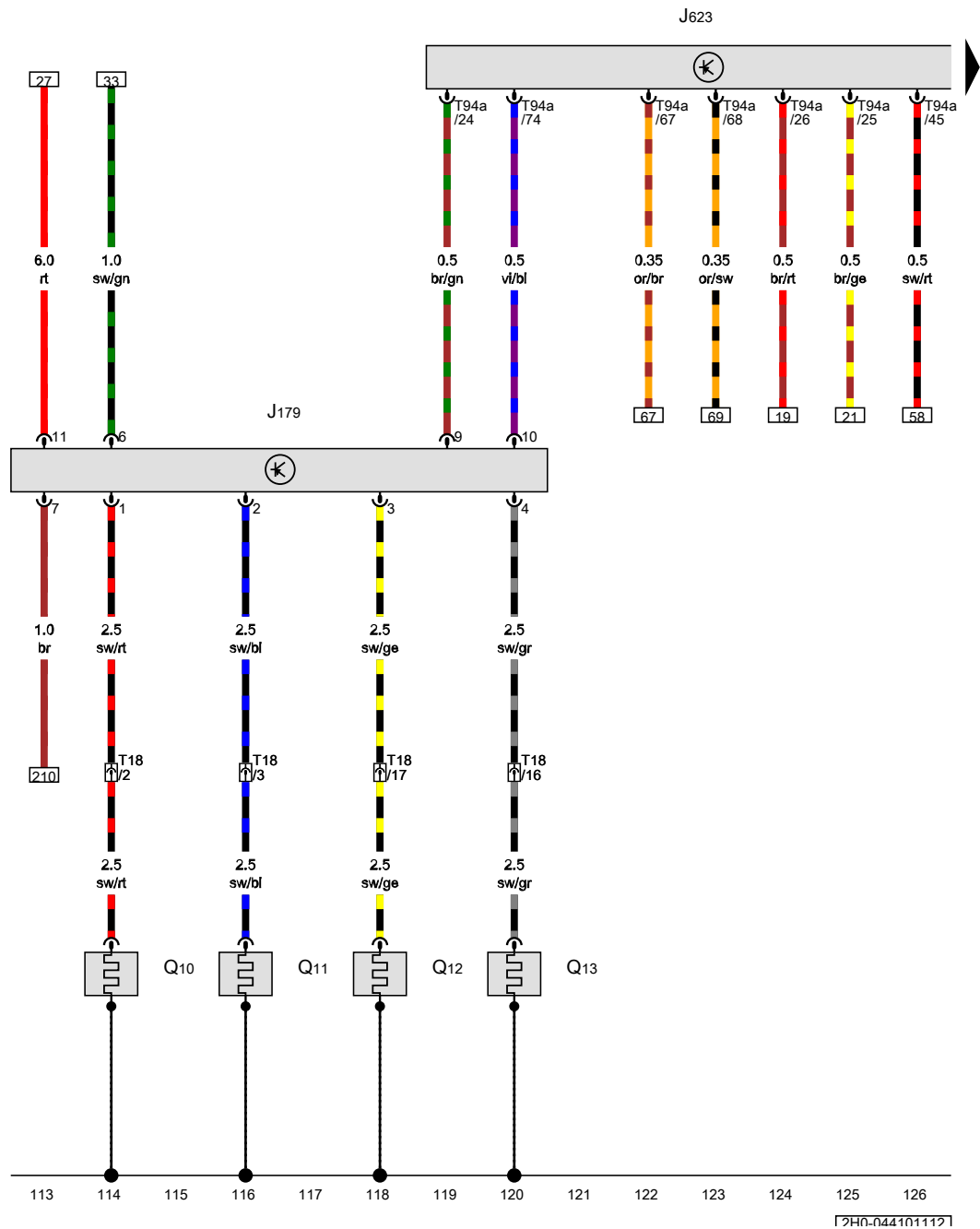
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 or = orange
 rs = pink

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

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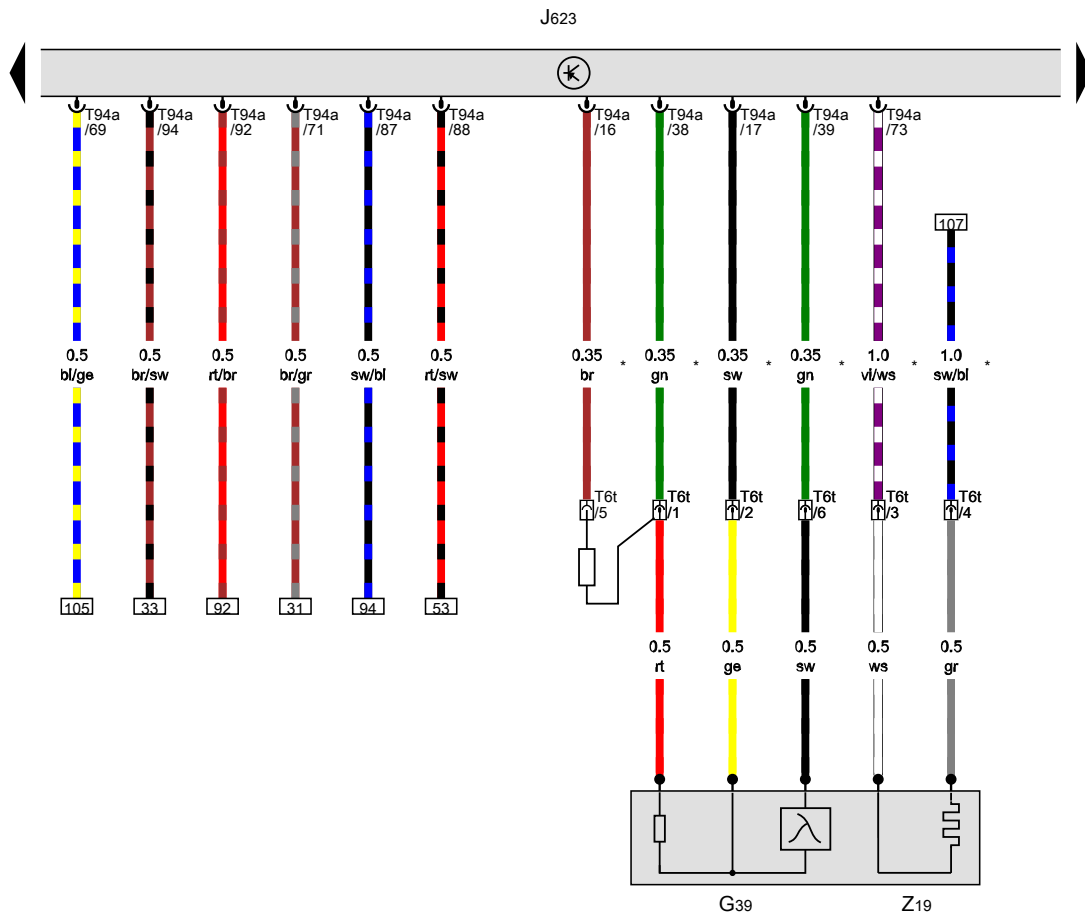
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

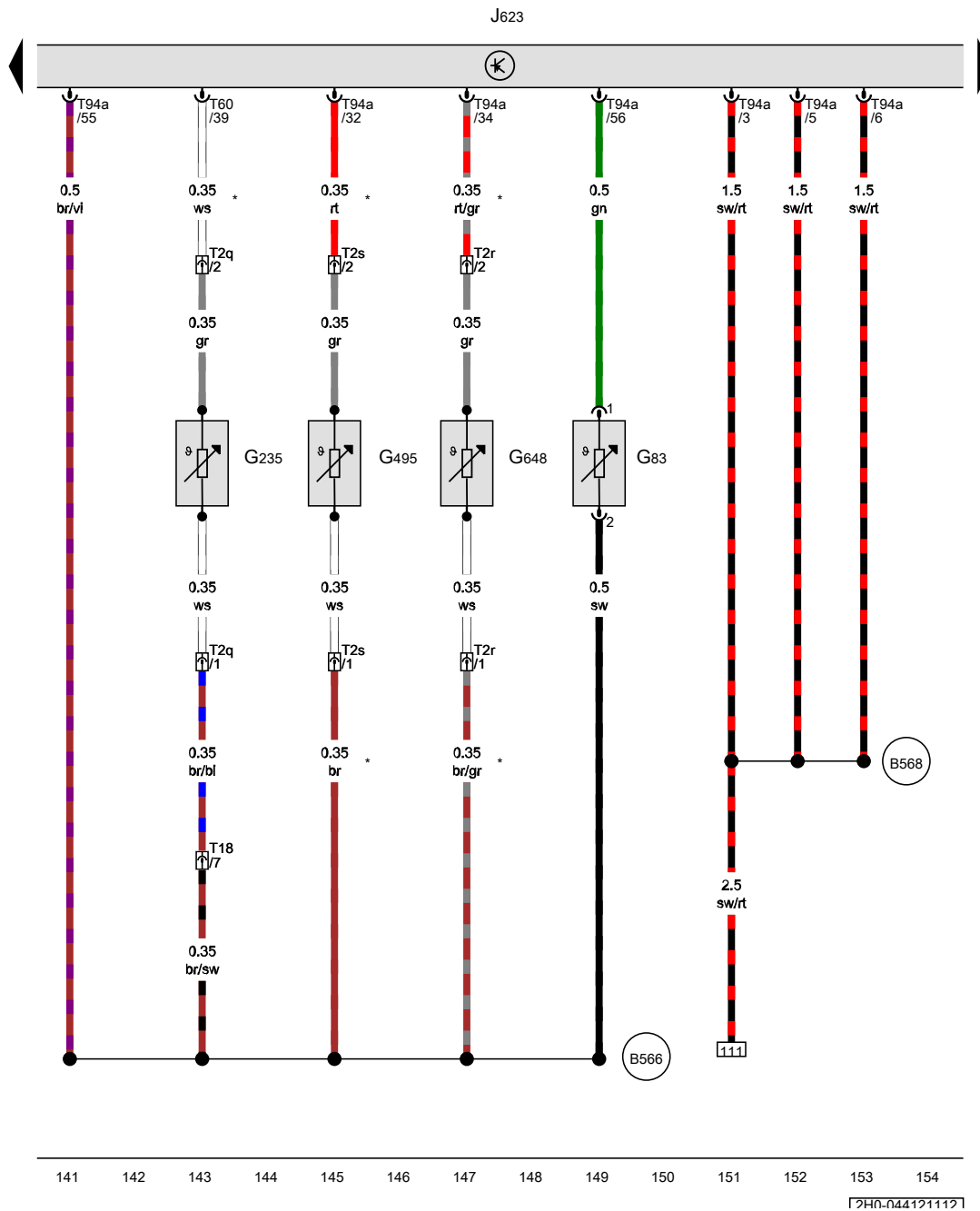


Lambda probe, Engine control unit

- G39 Lambda probe
- J623 Engine control unit
- T6t 6-pin connector, front right in engine compartment, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater
- * Only models with Euro 5 emission standard



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

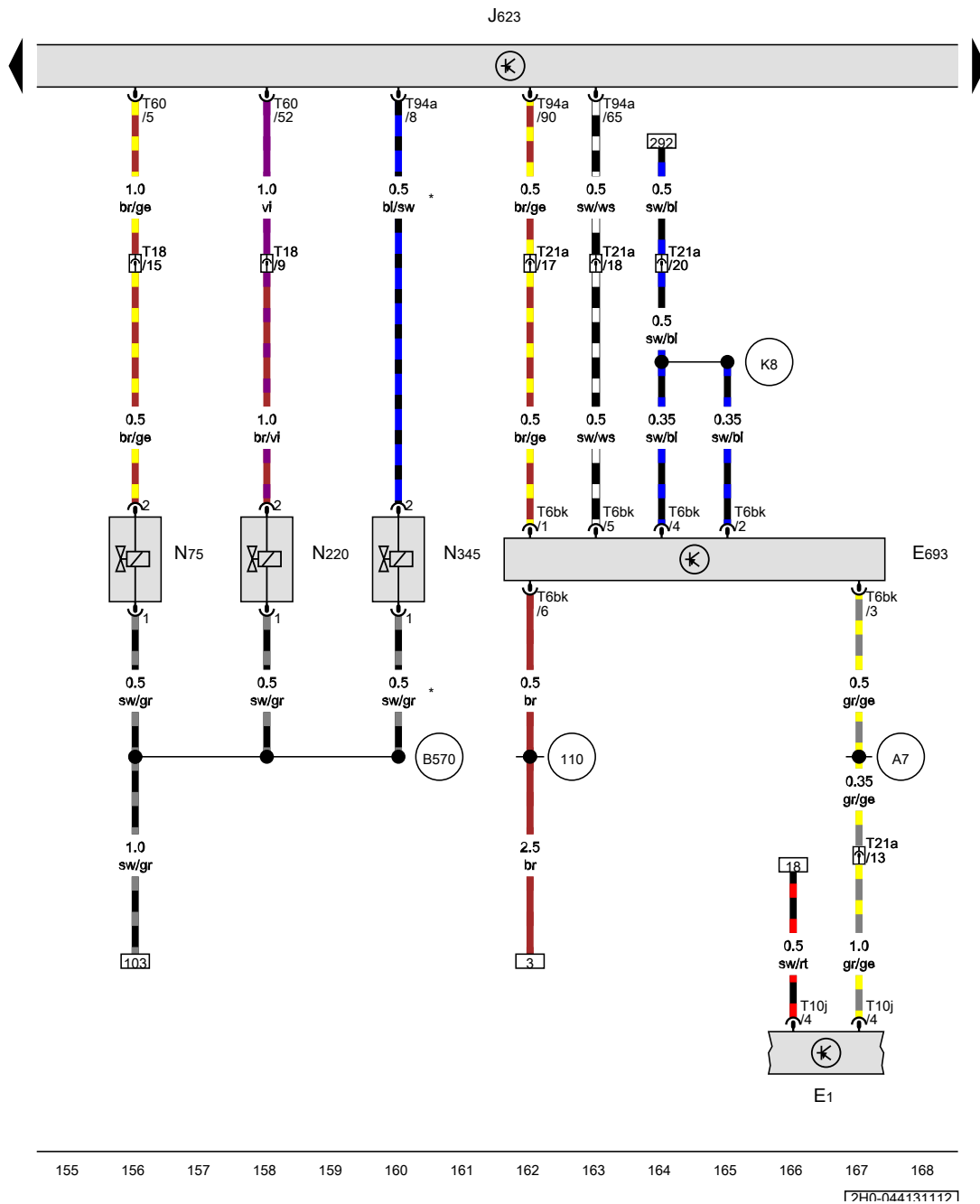
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2q 2-pin connector, in front right wheel housing, black
- T2r 2-pin connector, in front right wheel housing, orange
- T2s 2-pin connector, in front right wheel housing, brown
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

B568 Connection 35, in main wiring harness

* Only models with Euro 5 emission standard

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Light switch, Start/Stop operation button, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

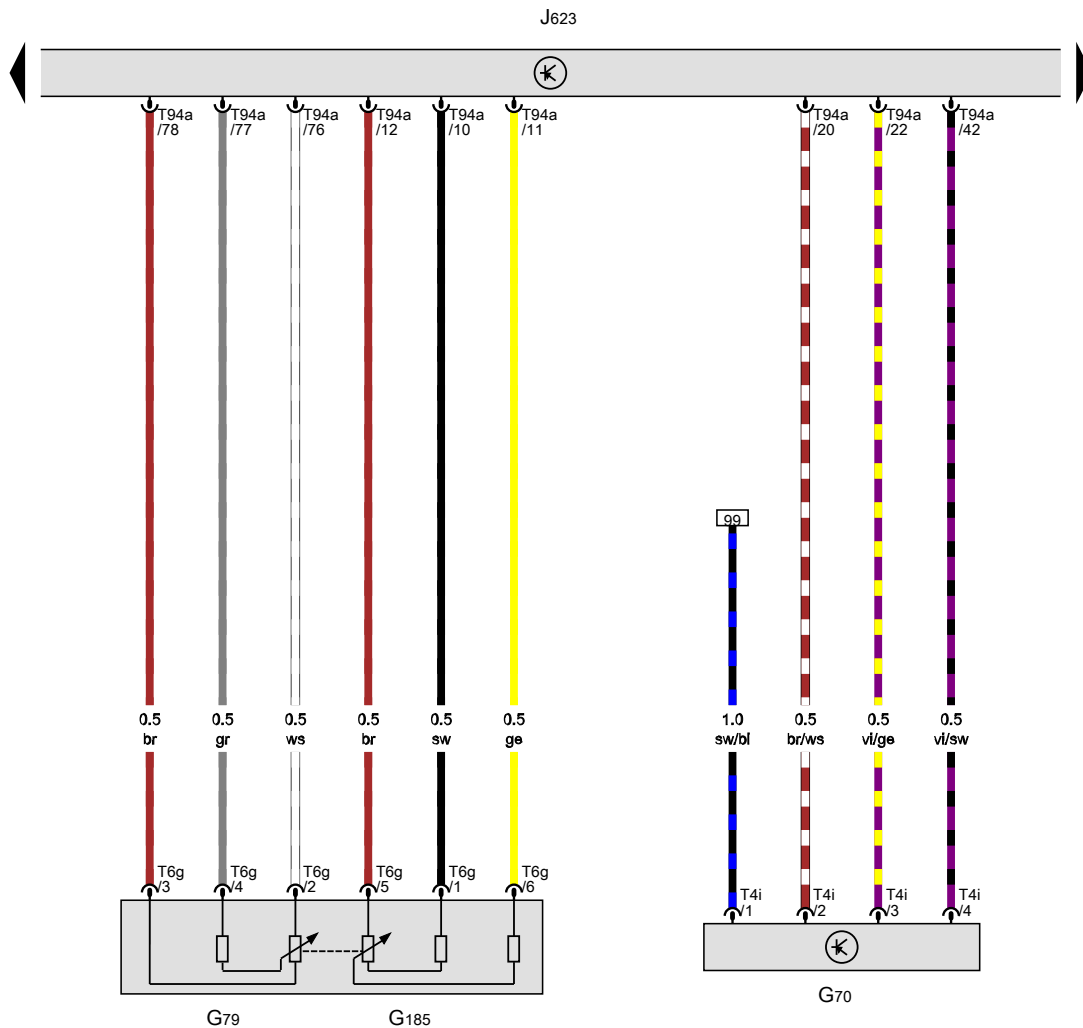
- E1 Light switch
- E693 Start/Stop operation button
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- T6bk 6-pin connector
- T10j 10-pin connector
- T18 18-pin connector, near engine control unit, black
- T21a 21-pin connector, on relay carrier, brown
- T60 60-pin connector, black
- T94a 94-pin connector, black

- 110 Earth connection 2, in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B570 Connection 37, in main wiring harness
- K8 Connection 1, in centre console wiring harness
- * Only models with Euro 5 emission standard

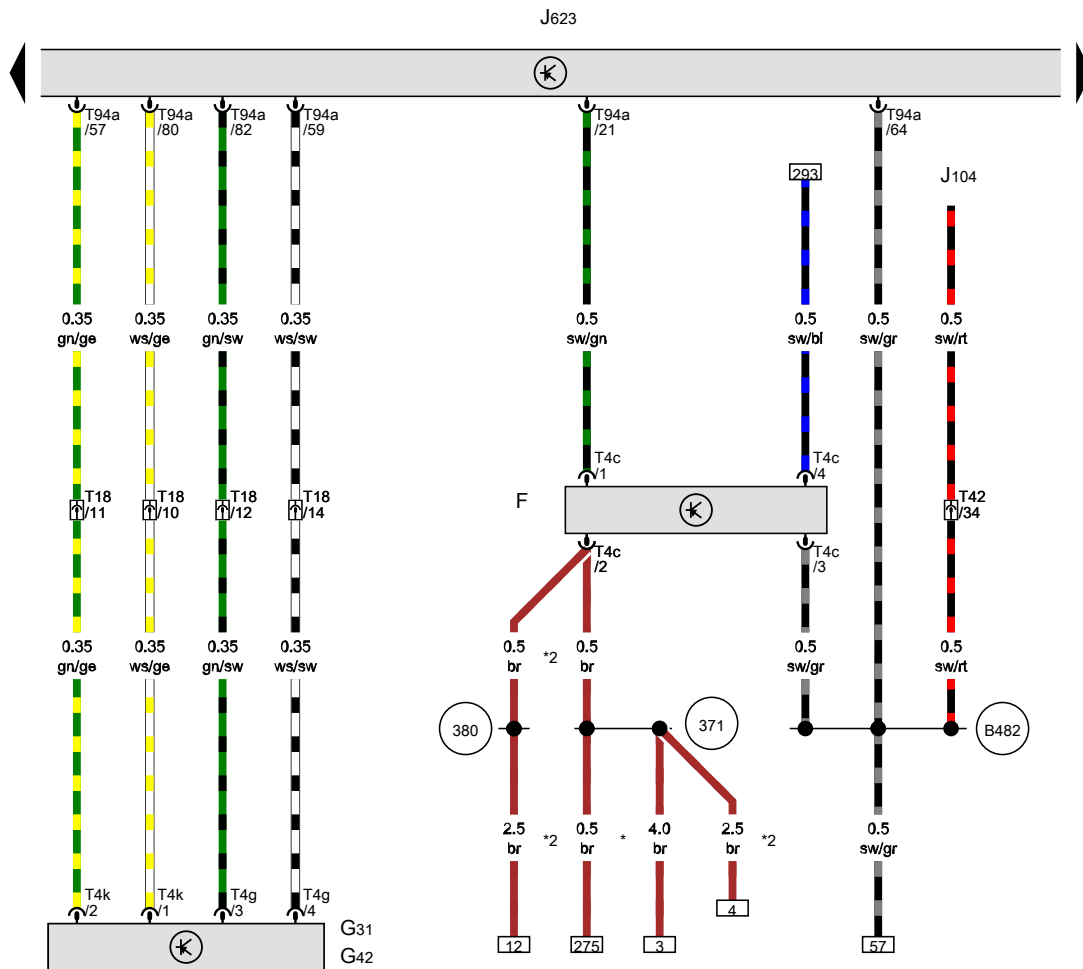
- ws = white
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Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4i 4-pin connector, black
- T6g 6-pin connector
- T94a 94-pin connector, black



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Brake light switch, Charge pressure sender, Intake air temperature sender, Engine control unit

- F Brake light switch
- G31 Charge pressure sender
- G42 Intake air temperature sender
- J104 ABS control unit
- J623 Engine control unit
- T4c 4-pin connector, black
- T4g 4-pin connector
- T4k 4-pin connector
- T18 18-pin connector, near engine control unit, black
- T42 42-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

371 Earth connection 6, in main wiring harness

380 Earth connection 15, in main wiring harness

B482 Connection 18, in main wiring harness

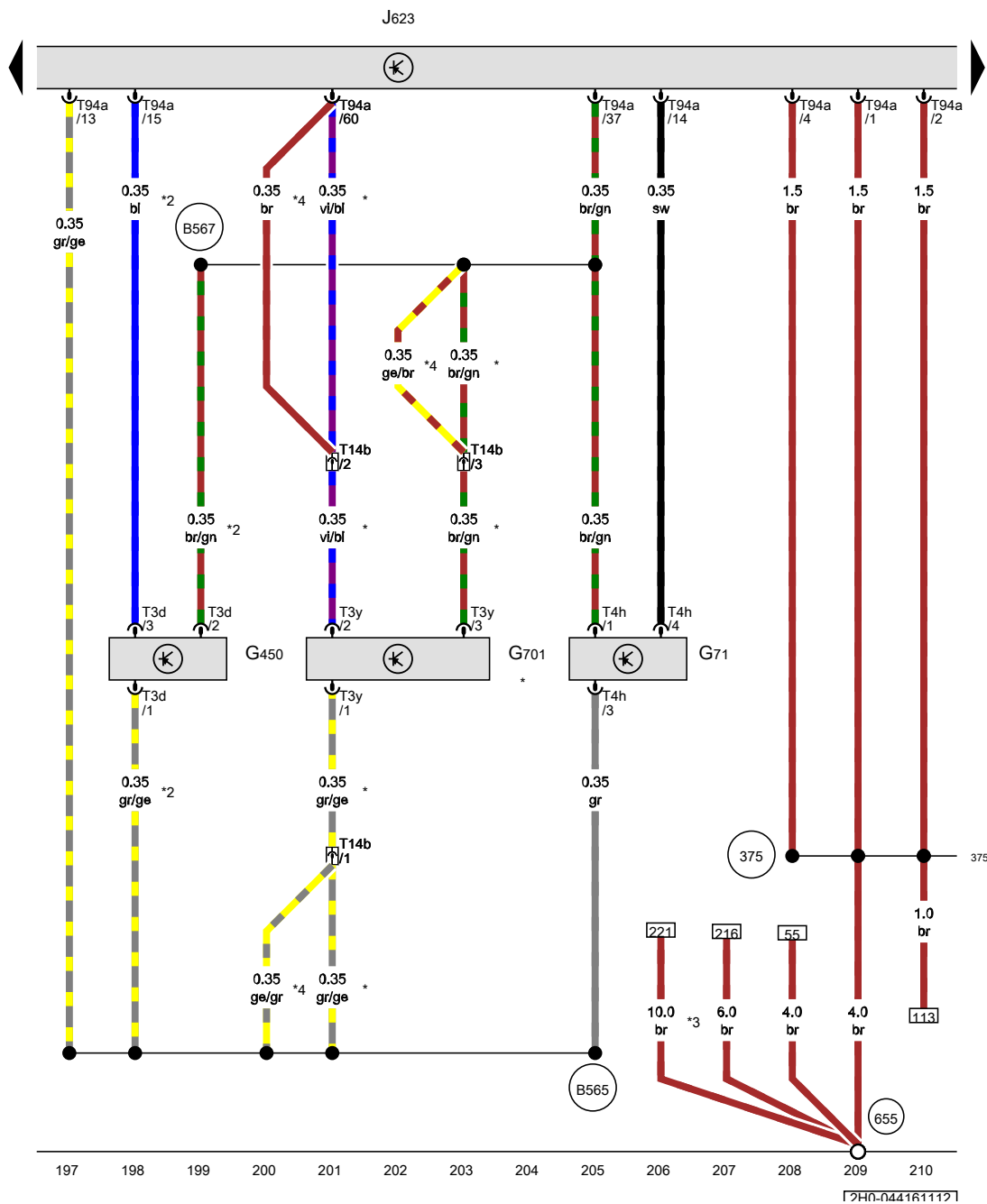
* Only models with manual gearbox

*2 From November 2011

ws = white
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183 184 185 186 187 188 189 190 191 192 193 194 195 196

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Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3d 3-pin connector, black
- T3y 3-pin connector, black
- T4h 4-pin connector, black
- T14b 14-pin connector, near battery, black
- T94a 94-pin connector, black

375 Earth connection 10, in main wiring harness

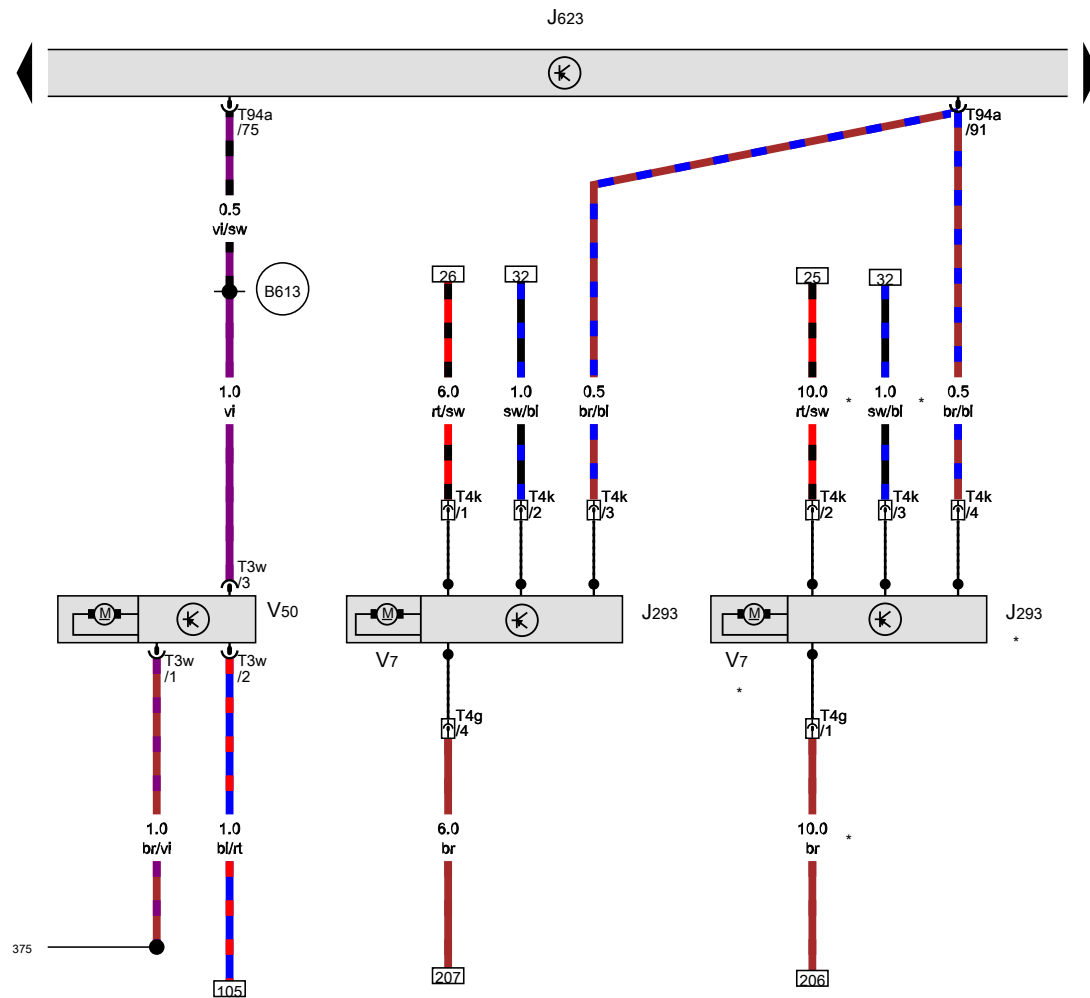
655 Earth point, on left headlight

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

- * Only models with manual gearbox
- *2 Only models with Euro 5 emission standard
- *3 Only for countries with hot climate
- *4 From November 2011

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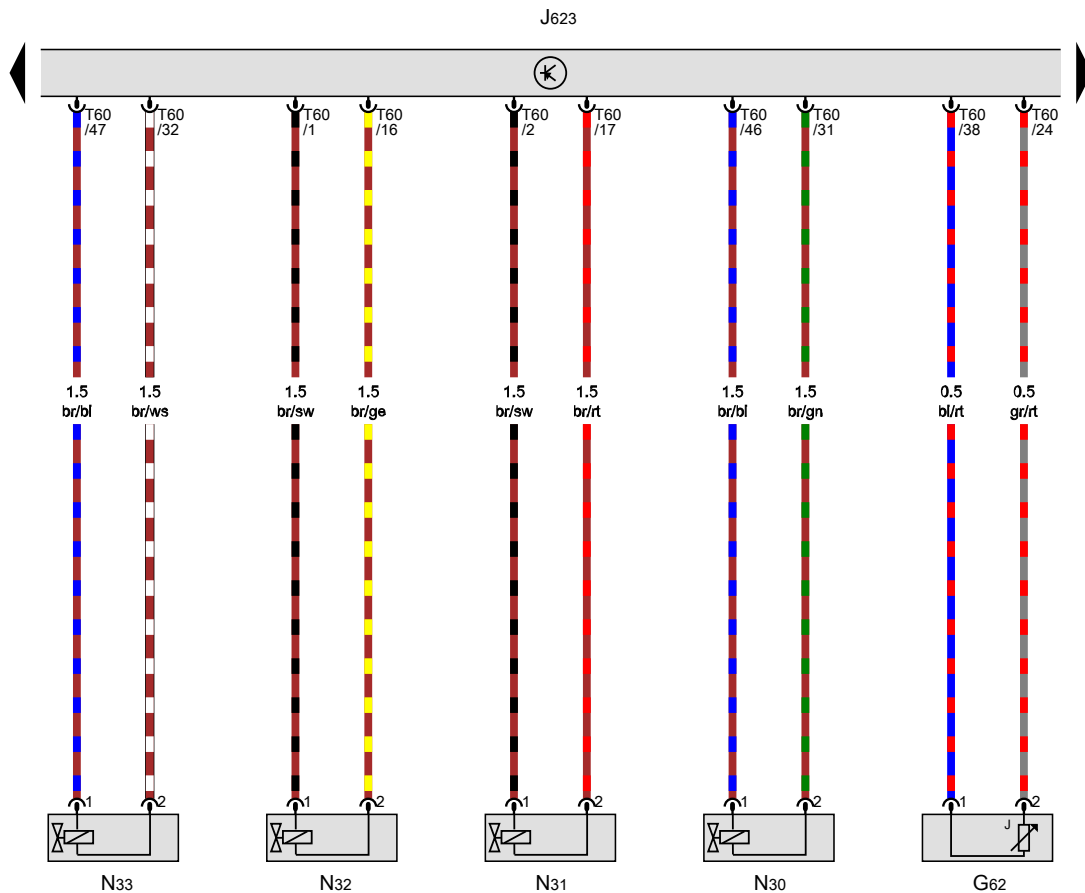
Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- T3w 3-pin connector, black
- T4g 4-pin connector
- T4k 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

375 Earth connection 10, in main wiring harness

B613 Connection 41, in main wiring harness

* Only for countries with hot climate

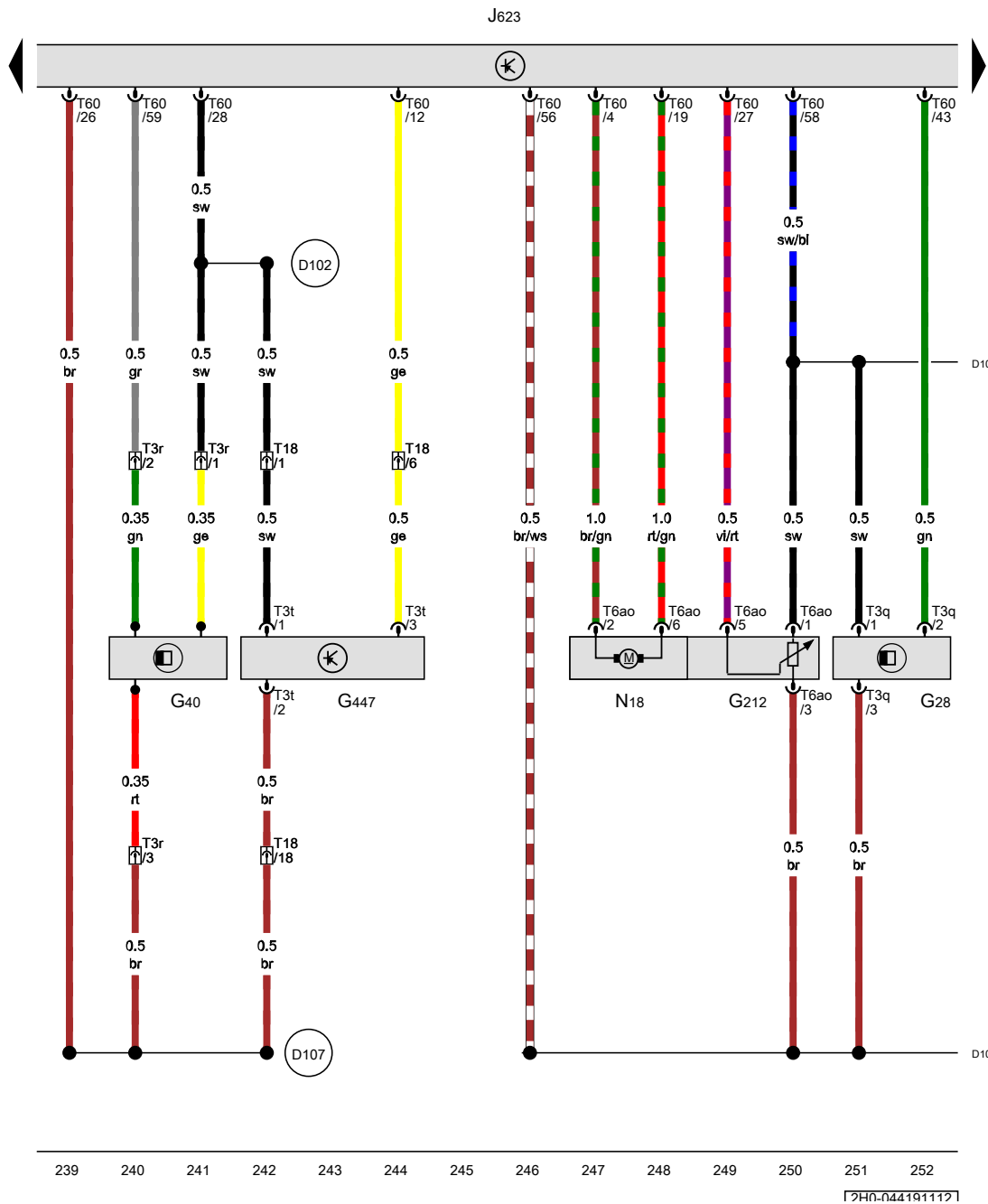


Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62 Coolant temperature sender
 J623 Engine control unit
 N30 Injector, cylinder 1
 N31 Injector, cylinder 2
 N32 Injector, cylinder 3
 N33 Injector, cylinder 4
 T60 60-pin connector, black

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

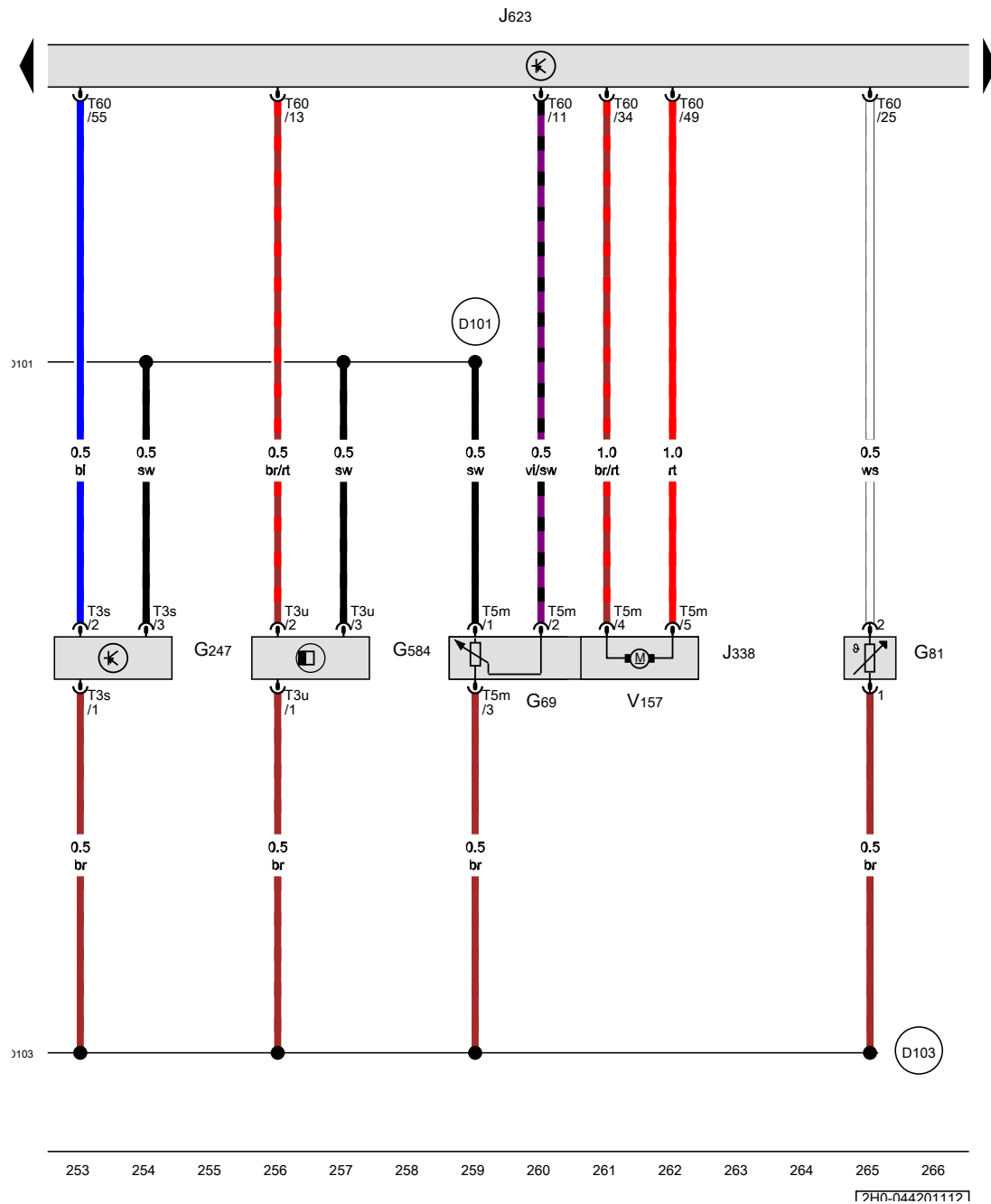
[7PH0-044181117]



Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G447 Charge pressure sender 2
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector, black
- T3r 3-pin connector, on front of engine, black
- T3t 3-pin connector, black
- T6ao 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness

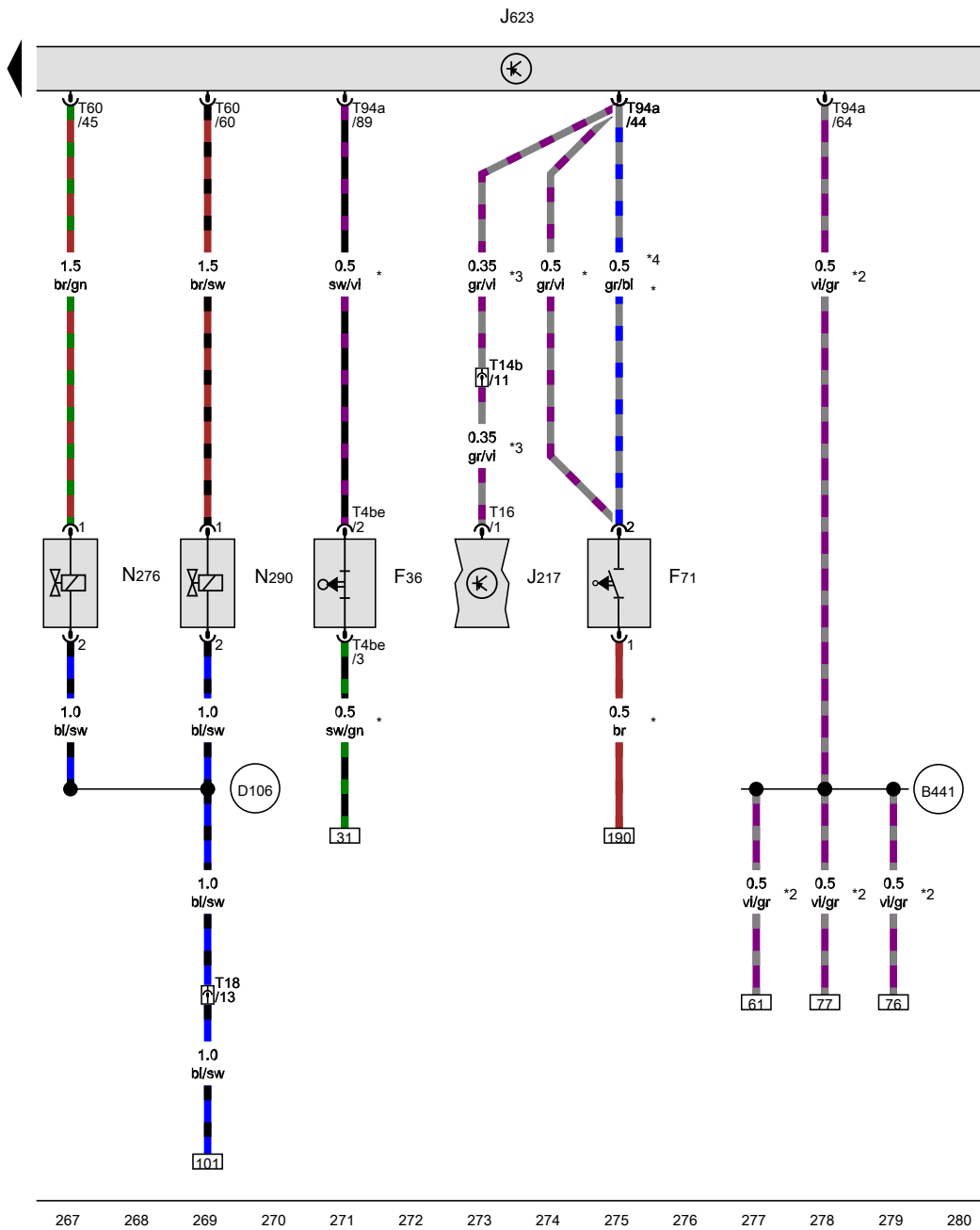


Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- G584 Regulating flap potentiometer
- J338 Throttle valve module
- J623 Engine control unit
- T3s 3-pin connector, black
- T3u 3-pin connector
- T5m 5-pin connector
- T60 60-pin connector, black
- V157 Intake manifold flap motor

D101 Connection 1 in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness



Clutch pedal switch, Clutch pedal switch for stop/start system, Automatic gearbox control unit, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

- F36 Clutch pedal switch
- F71 Clutch pedal switch for stop/start system
- J217 Automatic gearbox control unit
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T4be 4-pin connector, black
- T14b 14-pin connector, near battery, black
- T16 16-pin connector
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

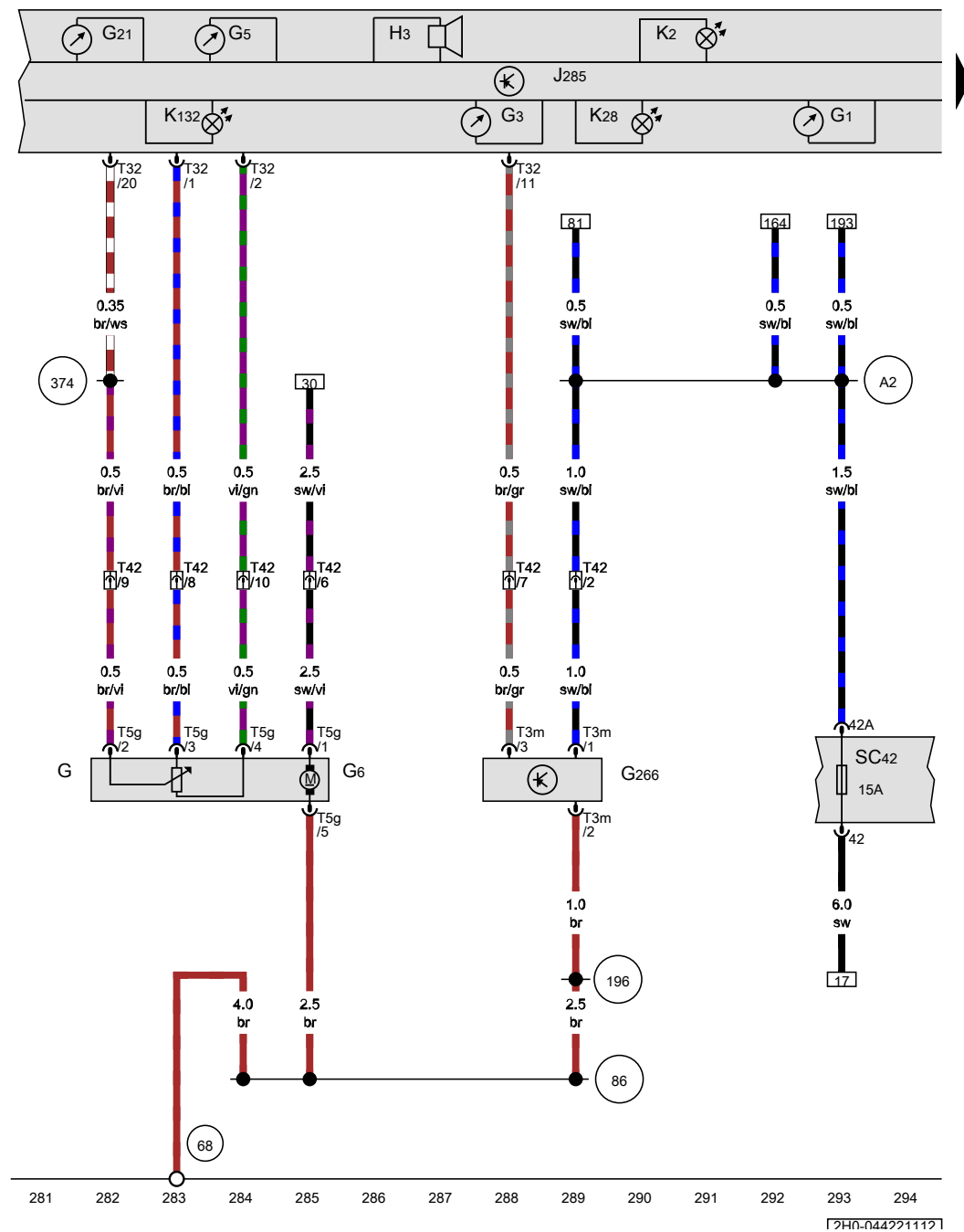
B441 Connection (CCS), in main wiring harness

D106 Connection 4 in engine compartment wiring harness

- * Only models with manual gearbox
- *2 Only models with cruise control system (CCS)
- *3 see applicable current flow diagram for automatic gearbox
- *4 From November 2011

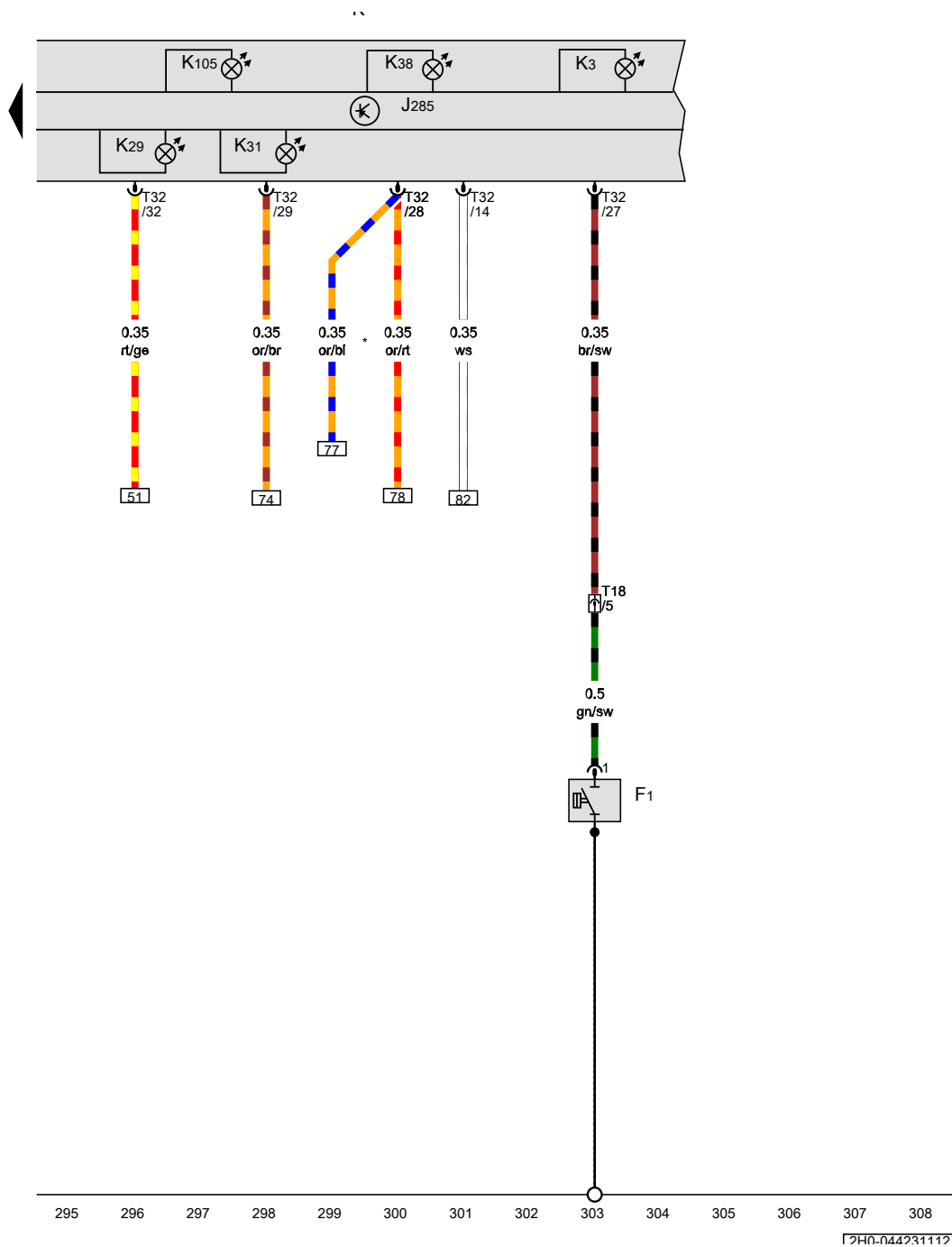
ws = white
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Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C



- G Fuel gauge sender
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K132 Electronic power control fault lamp
- SC42 Fuse 42 on fuse holder C
- T3m 3-pin connector
- T5g 5-pin connector
- T32 32-pin connector
- T42 42-pin connector, near handbrake lever, black
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness

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Oil pressure switch, Dash panel insert

- F1 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector
- * From July 2011

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Multifunction steering wheel

From July 2011

Steering column combination switch, Multifunction steering wheel control unit, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C

- E440 Multifunction buttons on left in steering wheel
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T5p 5-pin connector, black
- T12b 12-pin connector, yellow
- T41 41-pin connector, grey
- T73b 73-pin connector

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

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

B528 Connection 1 (LIN bus) in main wiring harness

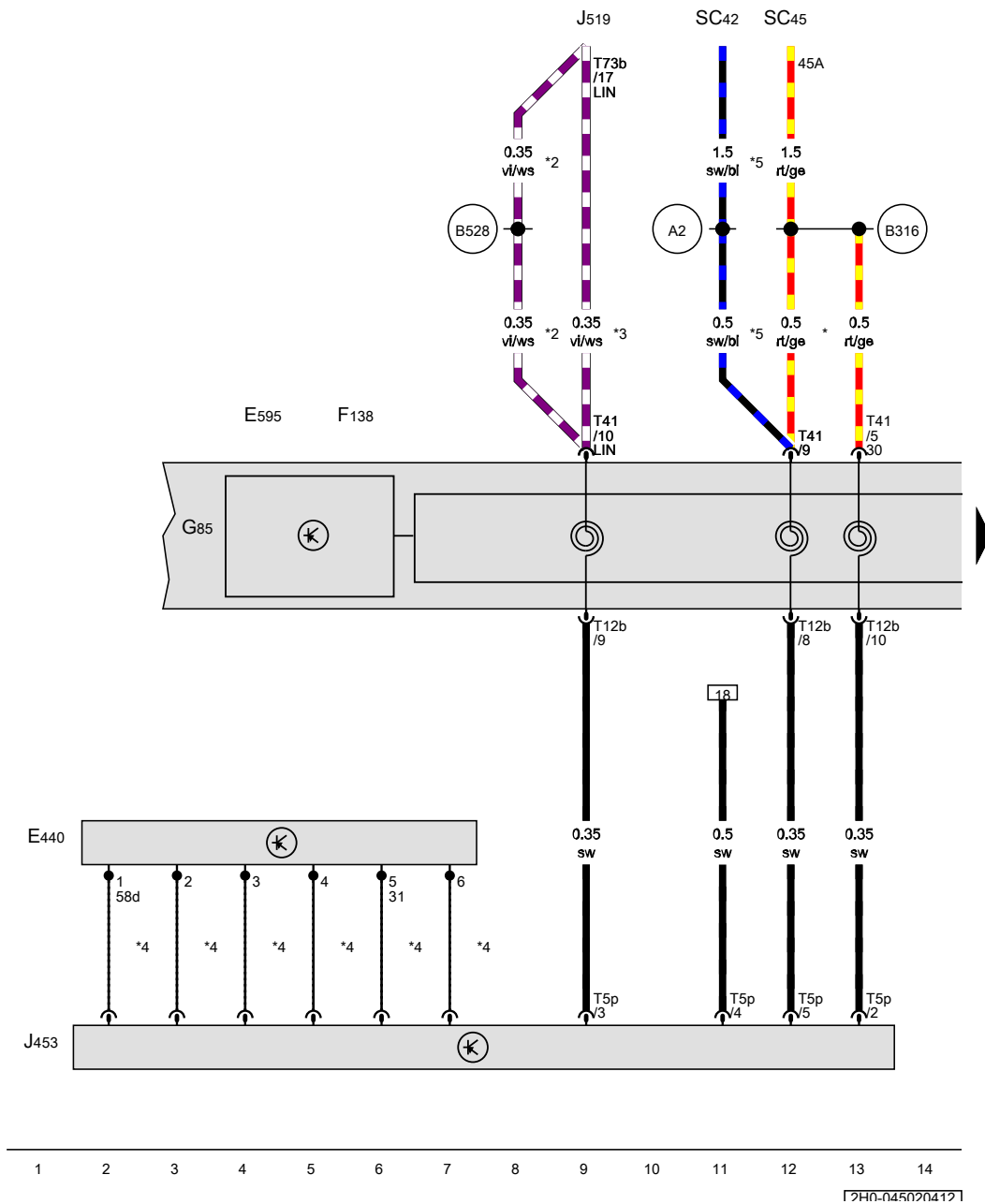
* Up to October 2011

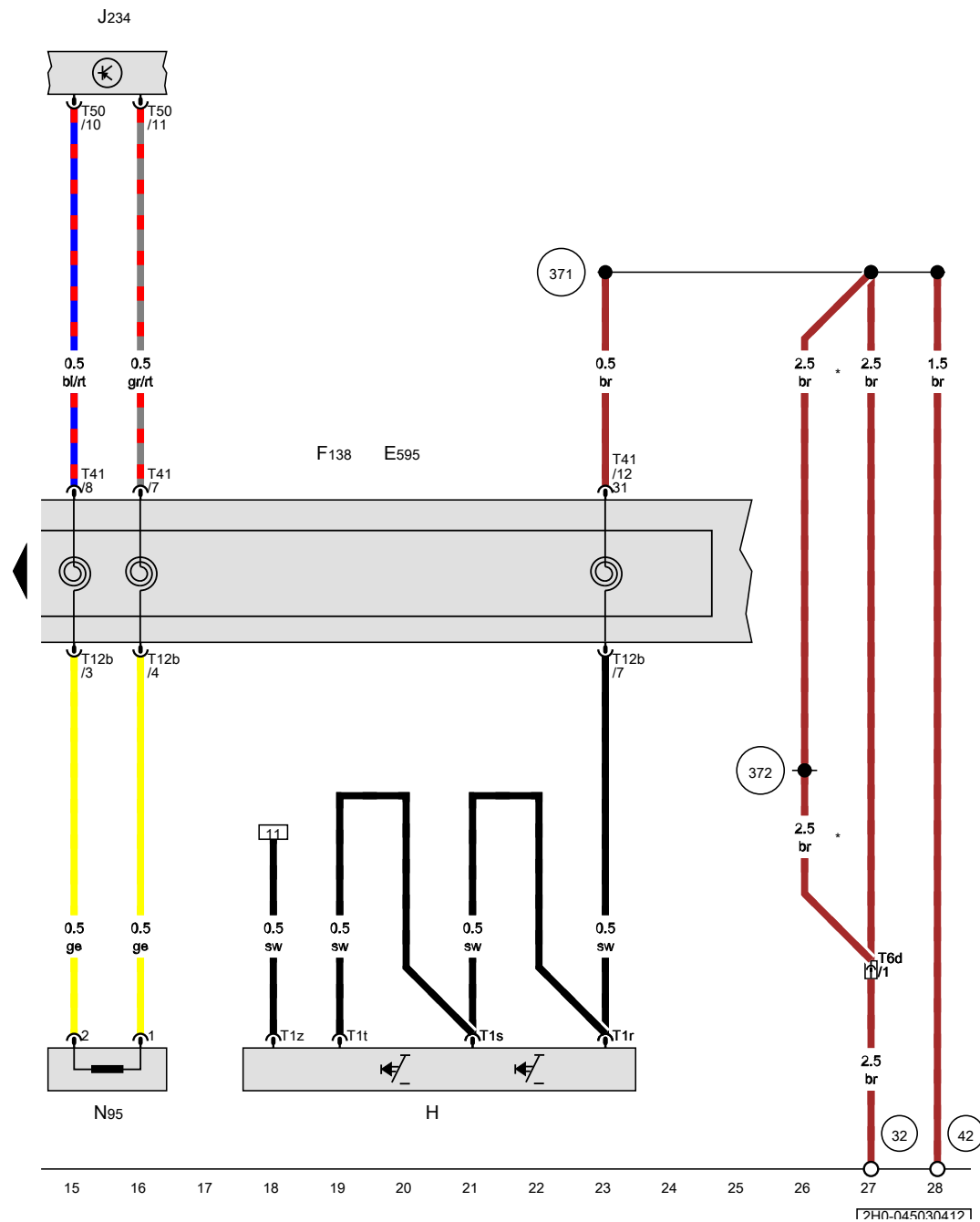
*2 Only models with electric window regulators

*3 Only vehicles without electric window regulators

*4 Flat conductor

*5 From November 2011





Steering column combination switch, Airbag control unit

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate, in steering wheel
- J234 Airbag control unit
- N95 Driver side airbag igniter, in steering wheel
- T1r Single connector
- T1s Single connector
- T1t Single connector
- T1z Single connector
- T6d 6-pin connector
- T12b 12-pin connector
- T41 41-pin connector, grey
- T50 50-pin connector, black

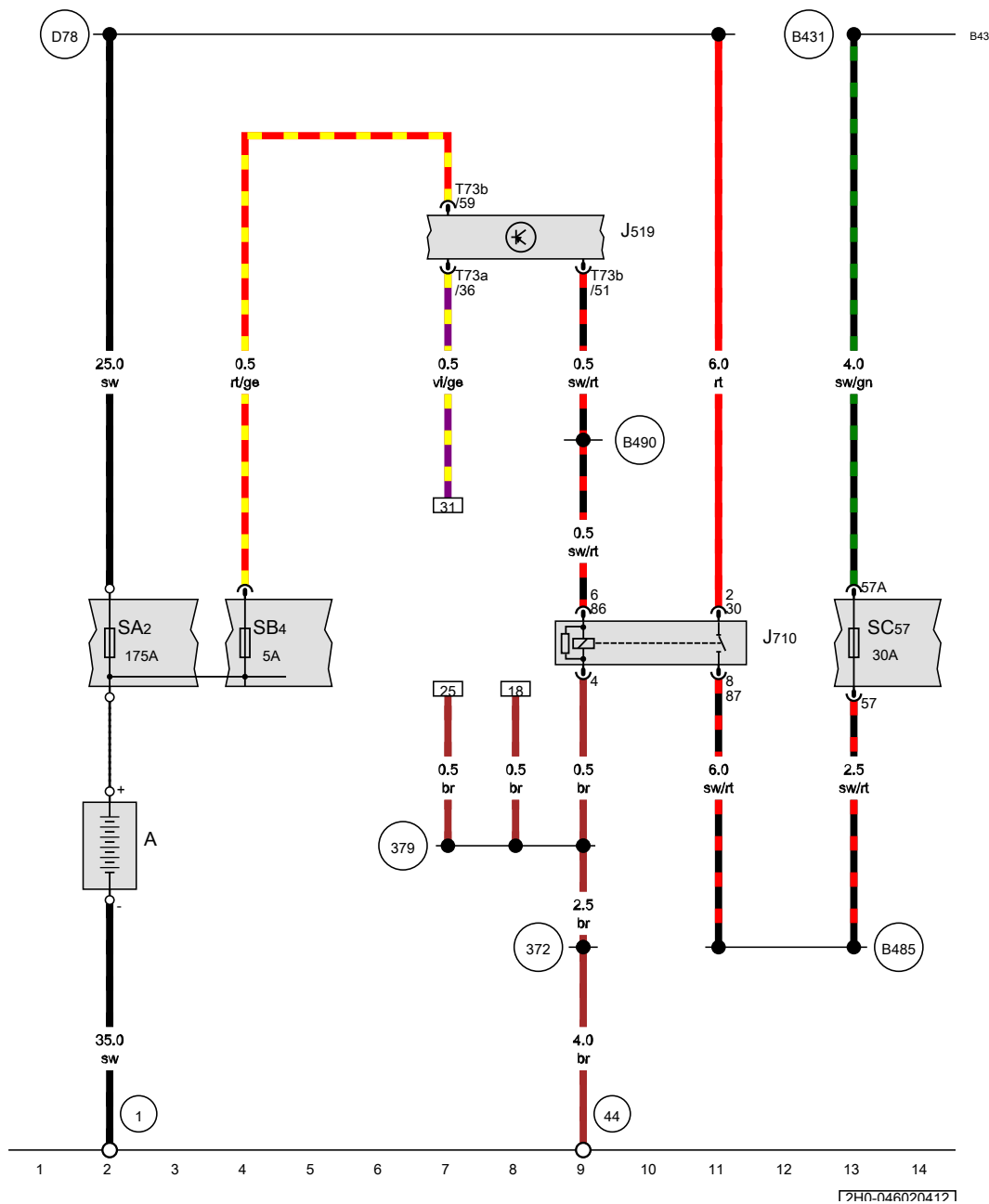
- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- * From November 2011

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Seat heating

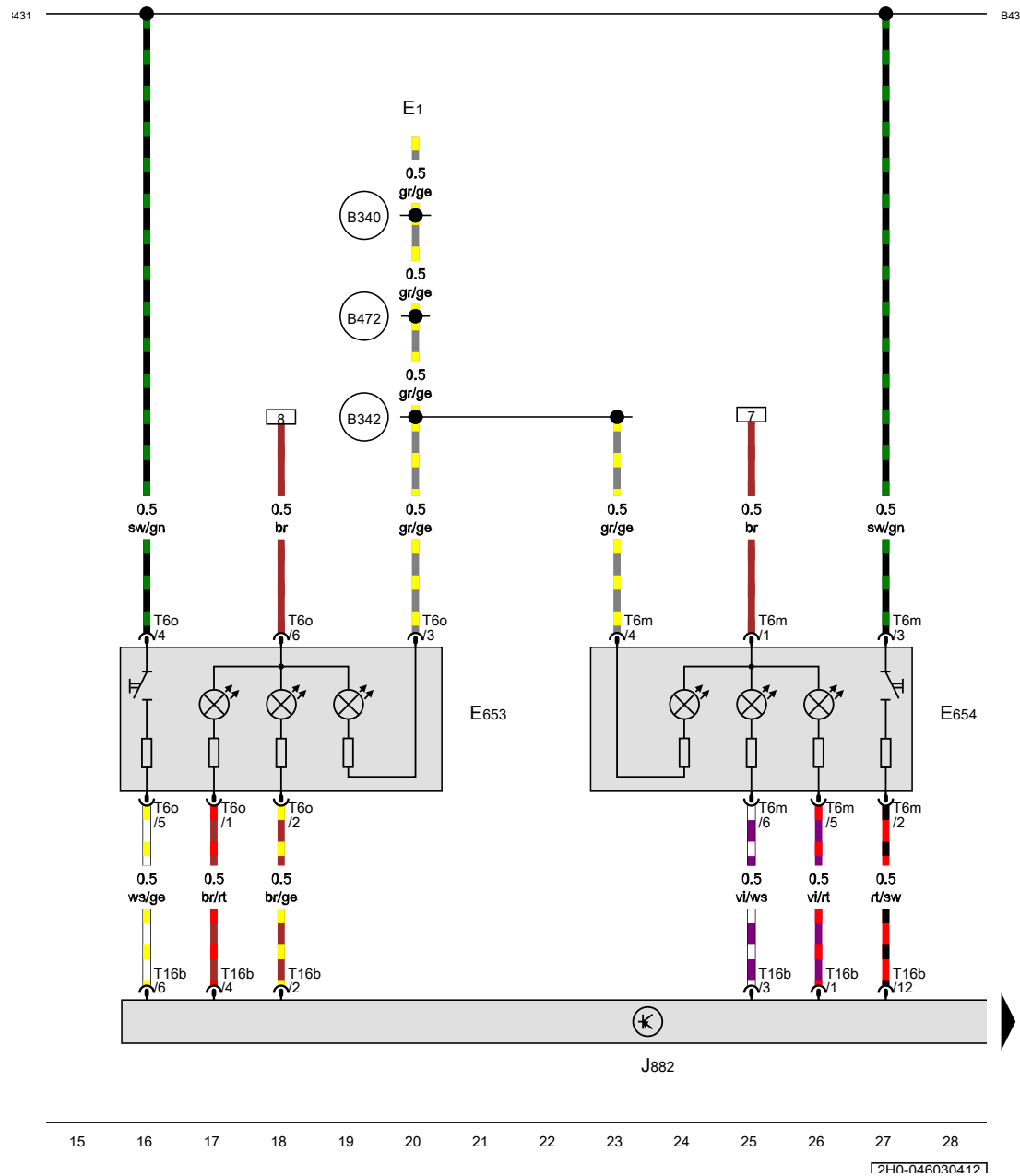
From November 2010

Battery, Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 57 on fuse holder C



- A Battery
- J519 Onboard supply control unit
- J710 Voltage supply relay 2
- SA2 Fuse 2 in fuse holder A
- SB4 Fuse 4 on fuse holder B
- SC57 Fuse 57 on fuse holder C
- T73a 73-pin connector, black
- T73b 73-pin connector
- 1 Earth strap, battery - body
- 44 Earth point, lower part of left A-pillar
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B431 Connection (seat heating), in main wiring harness
- B485 Connection 21, in main wiring harness
- B490 Connection 26, in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness

Light switch, Button for left seat heating, Button for right seat heating, Seat heating control unit

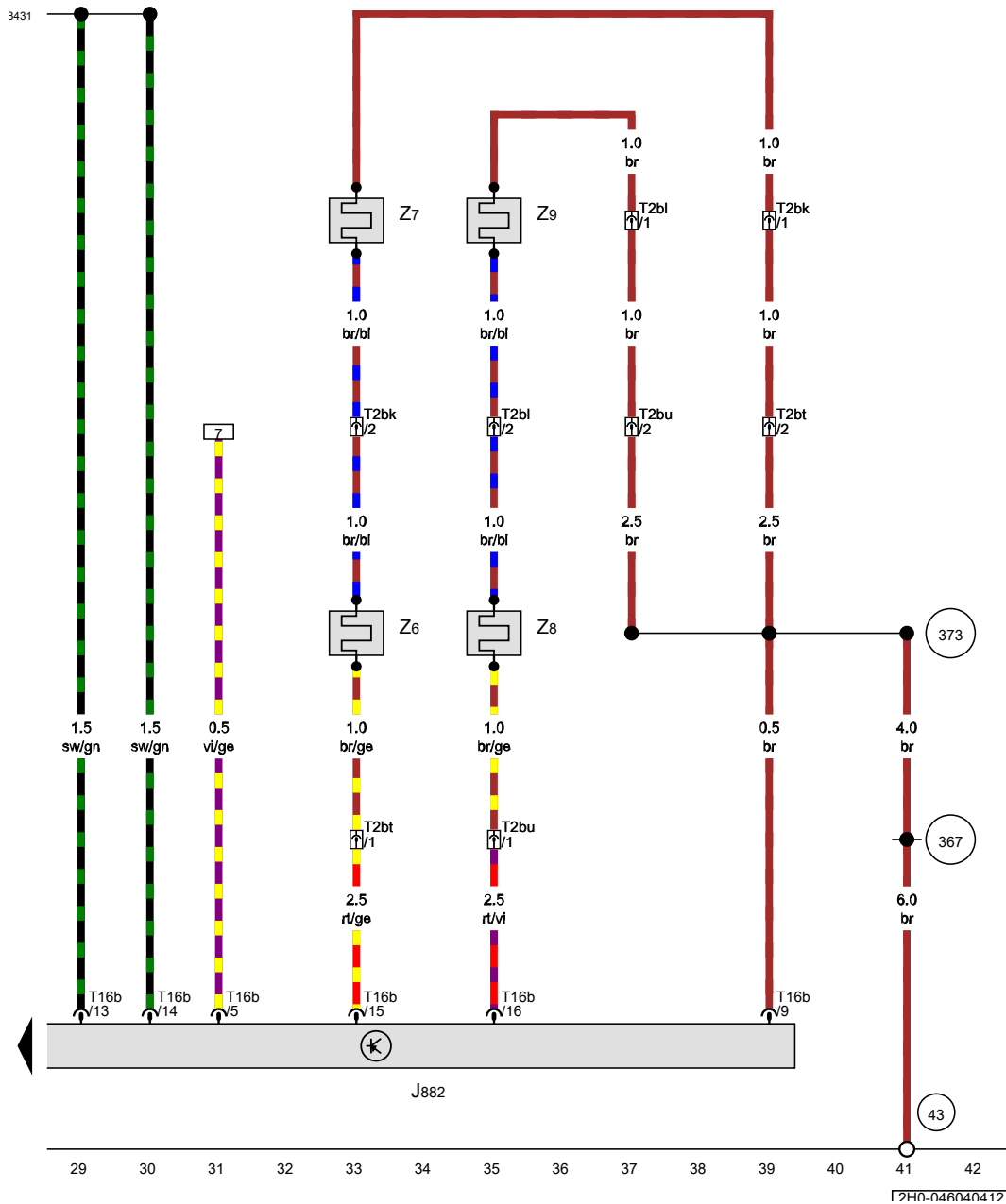


- E1 Light switch
- E653 Button for left seat heating
- E654 Button for right seat heating
- J882 Seat heating control unit
- T6m 6-pin connector, white
- T6o 6-pin connector, blue
- T16b 16-pin connector, black
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B431 Connection (seat heating), in main wiring harness
- B472 Connection 8, in main wiring harness

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

J882	Seat heating control unit
T2bk	2-pin connector, in seat, black
T2bl	2-pin connector, in seat, black
T2bt	2-pin connector, under seat on front left, black
T2bu	2-pin connector, under seat on front right, black
T16b	16-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B431 Connection (seat heating), in main wiring harness

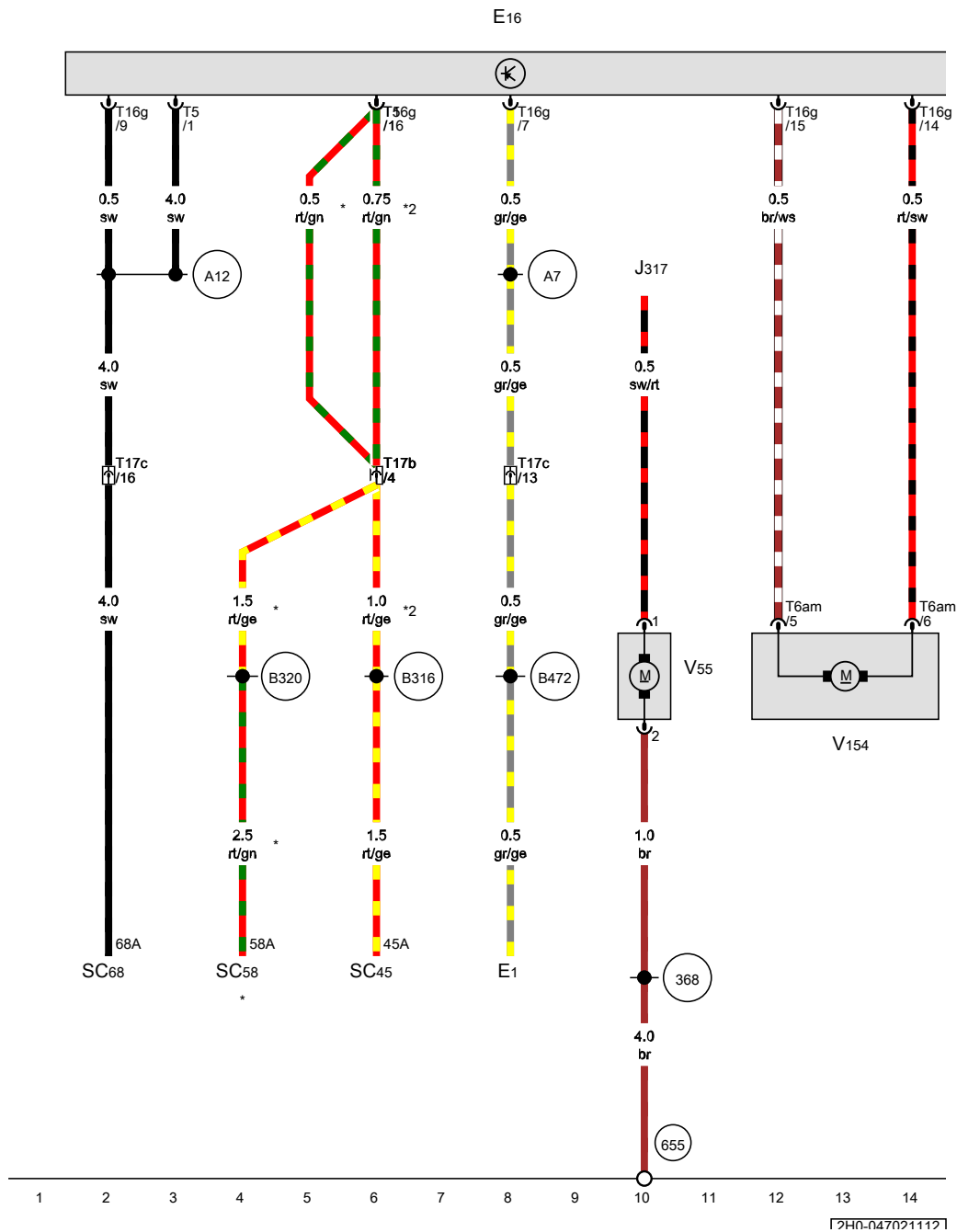


ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Passenger compartment heater and ventilation system

From June 2012

Light switch, Heater/heat output switch, Fresh air and air recirculation flap control motor

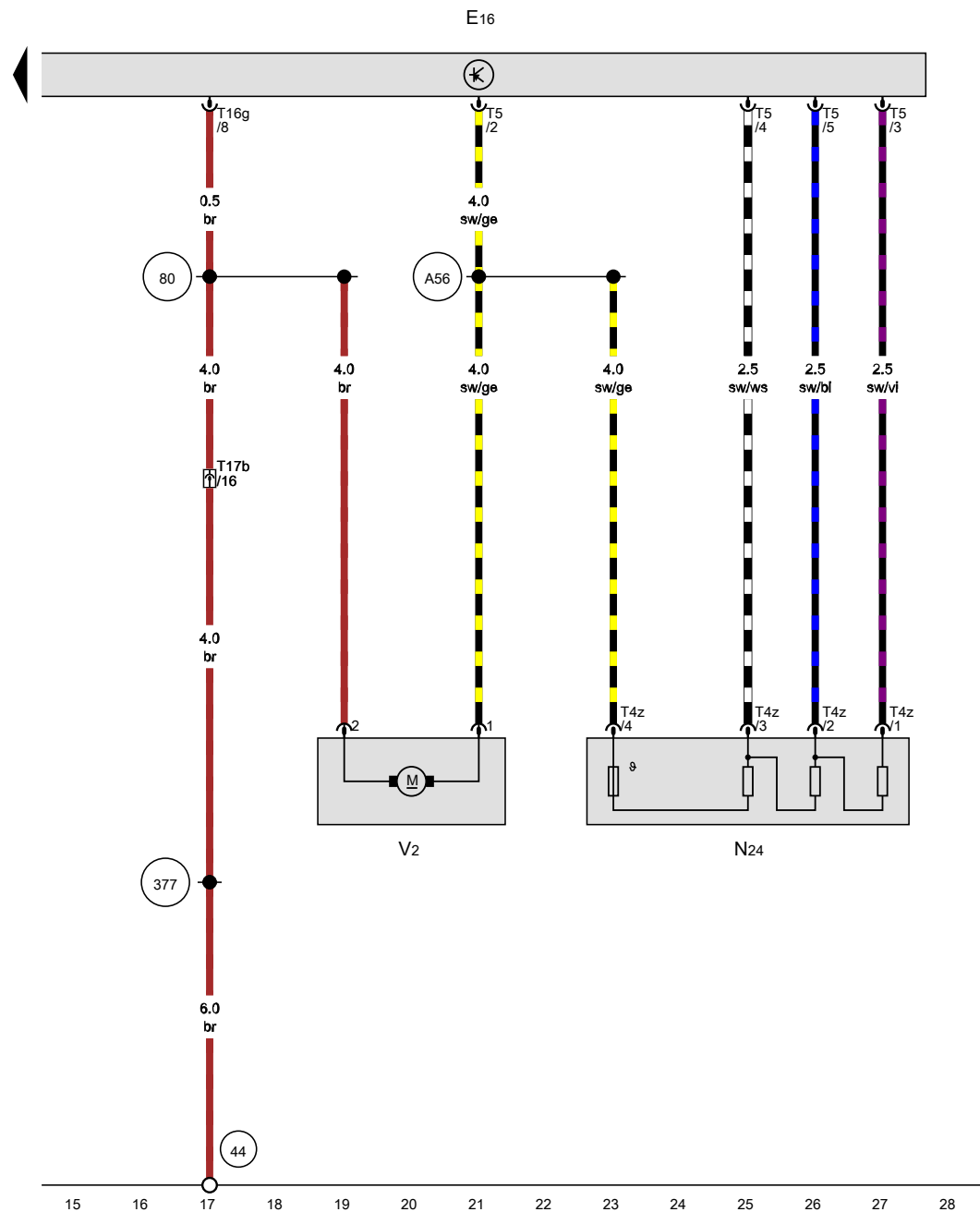


- E1 Light switch
- E16 Heater/heat output switch
- J317 Terminal 30 voltage supply relay
- SC45 Fuse 45 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T5 5-pin connector, black
- T6am 6-pin connector, blue
- T16g 16-pin connector, black
- T17b 17-pin connector, on left under dash panel, brown
- T17c 17-pin connector, on left under dash panel, black
- V55 Circulation pump
- V154 Fresh air and air recirculation flap control motor

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight
- A7 Positive connection (58 D1), in dash panel wiring harness
- A12 Positive connection (75a), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B472 Connection 8, in main wiring harness

- * From January 2013
- *2 Up to December 2012

Heater/heat output switch, Fresh air blower series resistor with overheating fuse, Fresh air blower



- E16 Heater/heat output switch
- N24 Fresh air blower series resistor with overheating fuse
- T4z 4-pin connector, black
- T5 5-pin connector, black
- T16g 16-pin connector, black
- T17b 17-pin connector, on left under dash panel, brown
- V2 Fresh air blower
- 44 Earth point, lower part of left A-pillar
- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- A56 Positive connection 2 (30), in dash panel wiring harness

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

17H0-0470311121

Climatic

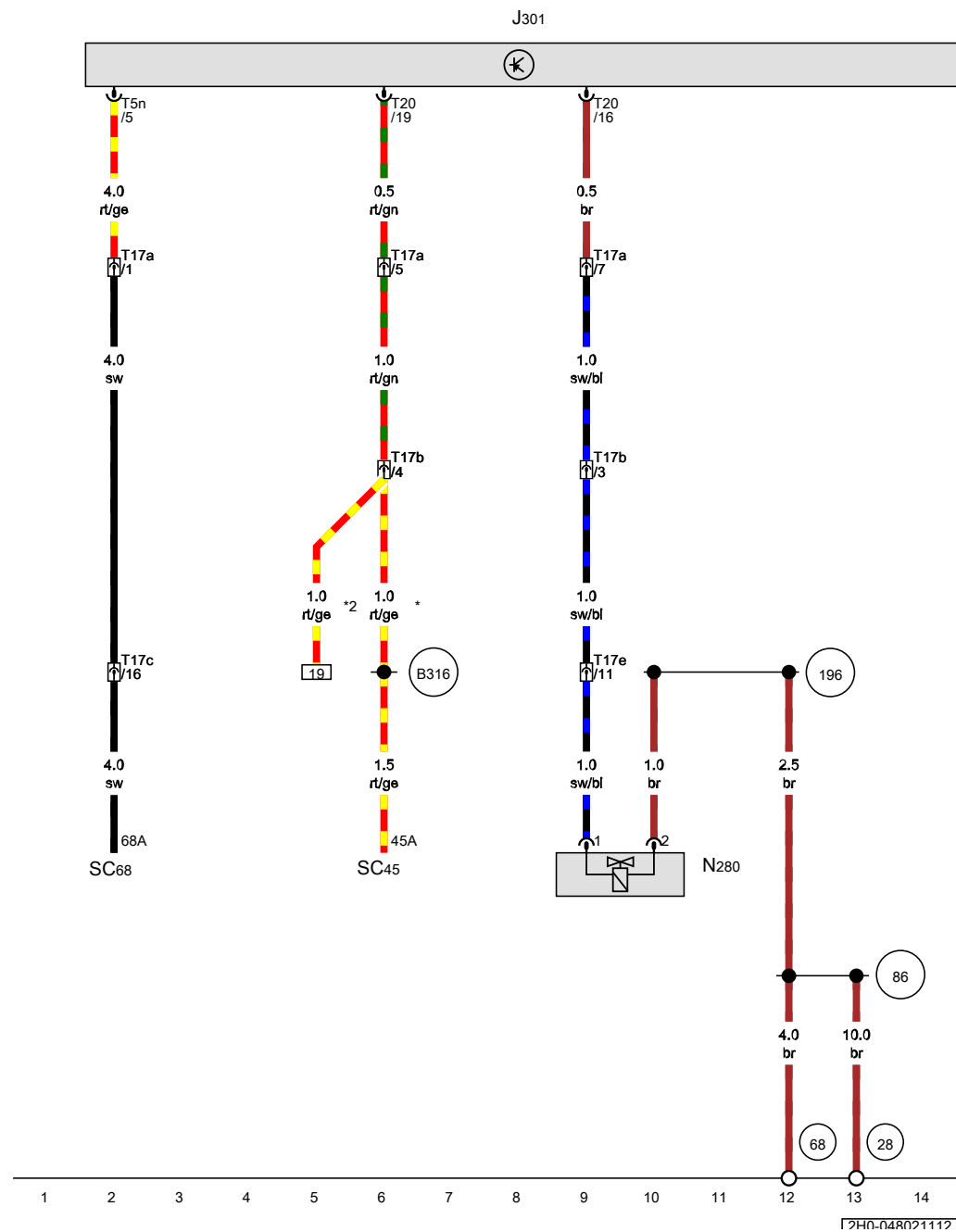
From June 2012

Air conditioning system control unit, Air conditioner compressor regulating valve

- J301 Air conditioning system control unit
- N280 Air conditioner compressor regulating valve
- SC45 Fuse 45 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T5n 5-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on left under dash panel, brown
- T17c 17-pin connector, on left under dash panel
- T17e 17-pin connector, near handbrake lever, red
- T20 20-pin connector, black

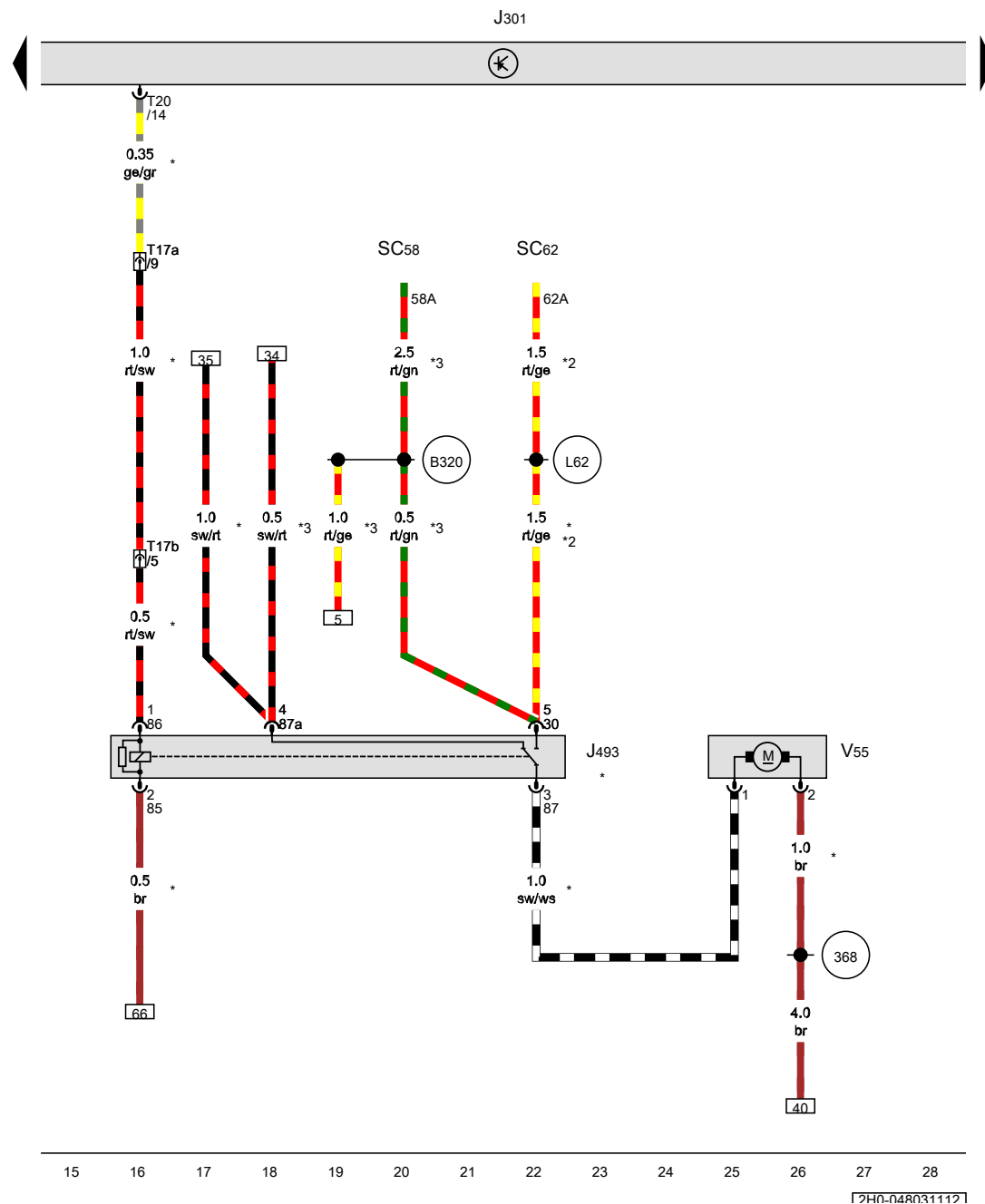
- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- B316 Positive connection 2 (30a) in main wiring harness

- * Up to December 2012
- *2 From January 2013



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

Air conditioning system control unit, Auxiliary coolant heater relay, Fuse 62 on fuse holder C, Circulation pump



- J301 Air conditioning system control unit
- J493 Auxiliary coolant heater relay
- SC58 Fuse 58 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on left under dash panel, brown
- T20 20-pin connector, black
- V55 Circulation pump
- 368 Earth connection 3, in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with diesel engine
- *2 Up to December 2012
- *3 From January 2013

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

Air conditioning system control unit, Fuse 15 on fuse holder C, Continued coolant circulation pump

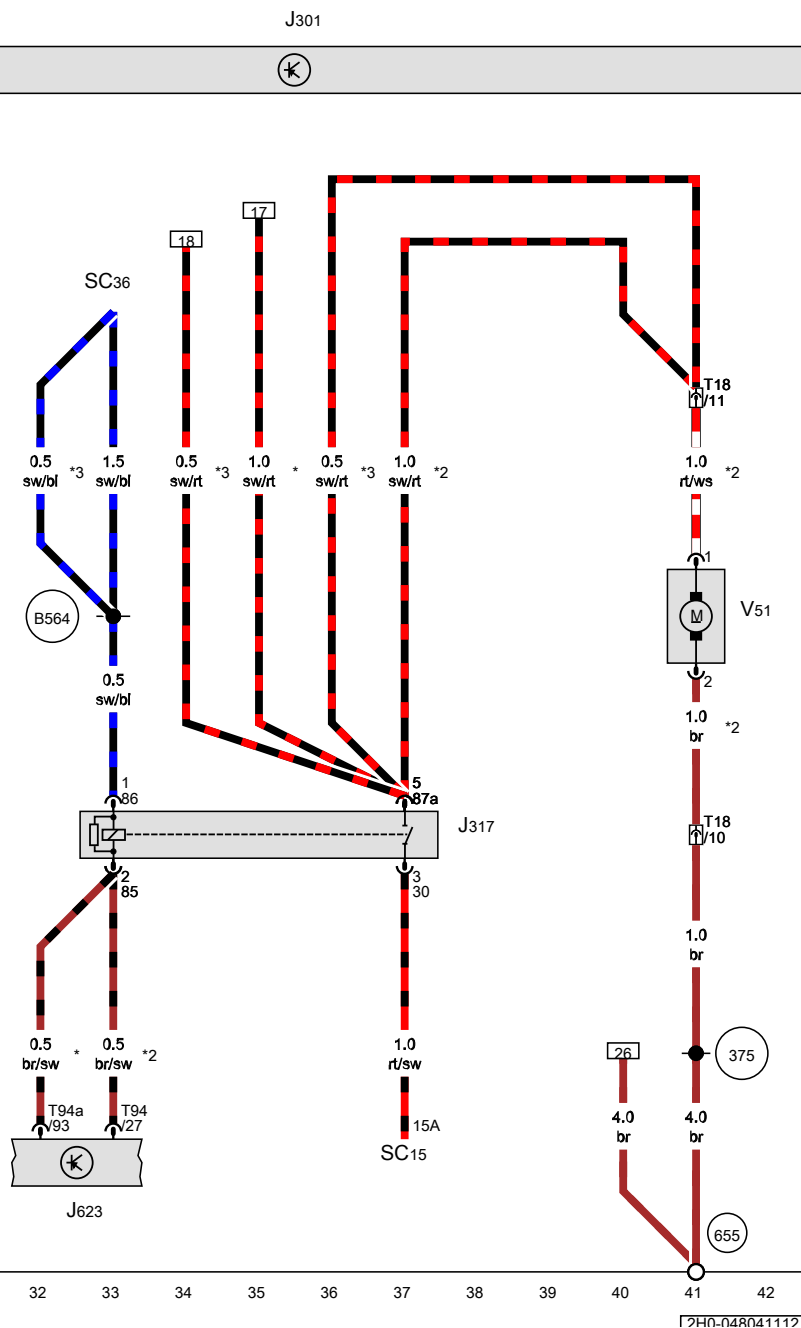
- J301 Air conditioning system control unit
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V51 Continued coolant circulation pump

375 Earth connection 10, in main wiring harness

655 Earth point, on left headlight

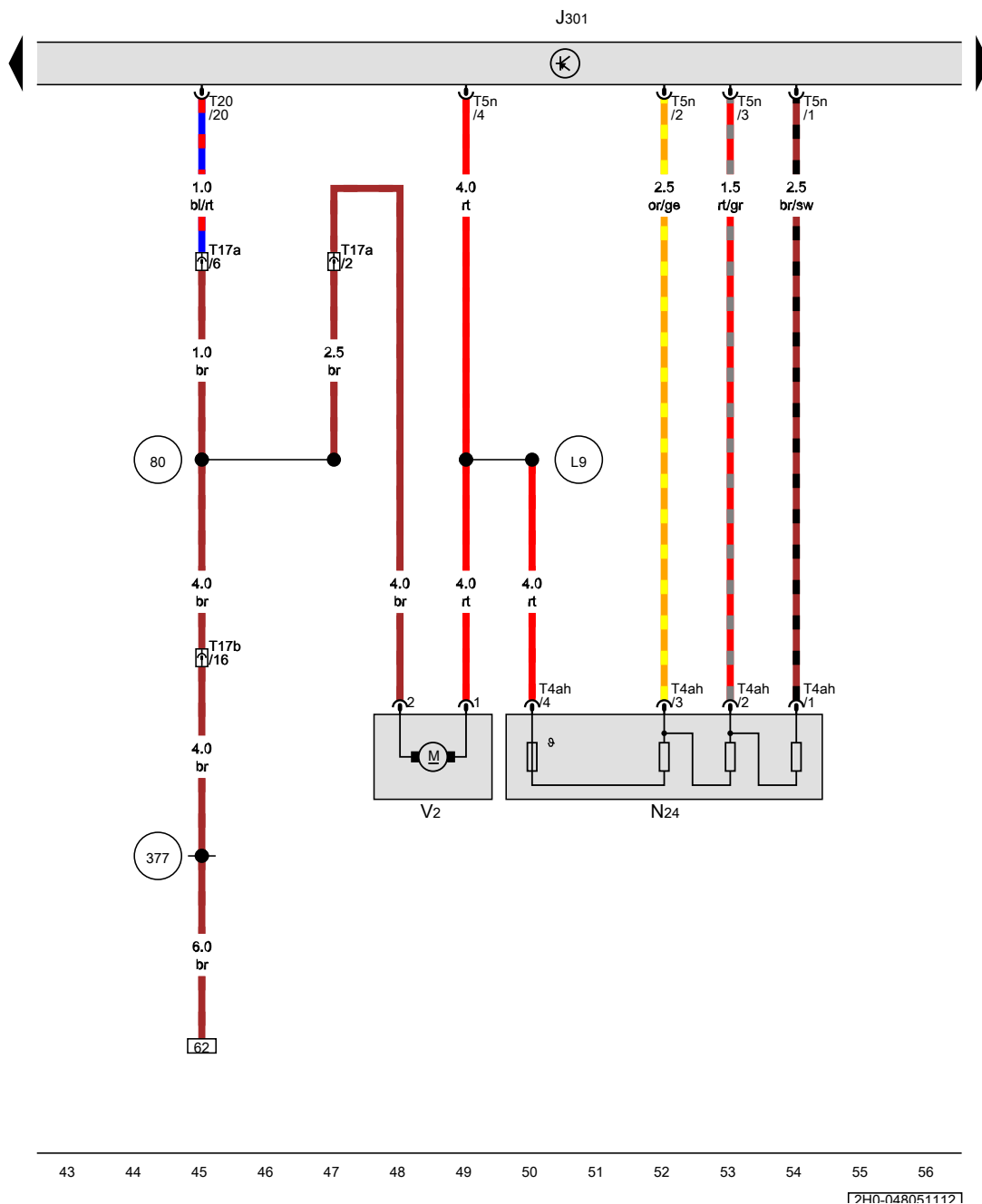
B564 Connection 31, in main wiring harness

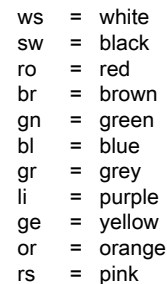
- * Only models with diesel engine
- *2 Only models with petrol engine
- *3 From January 2013



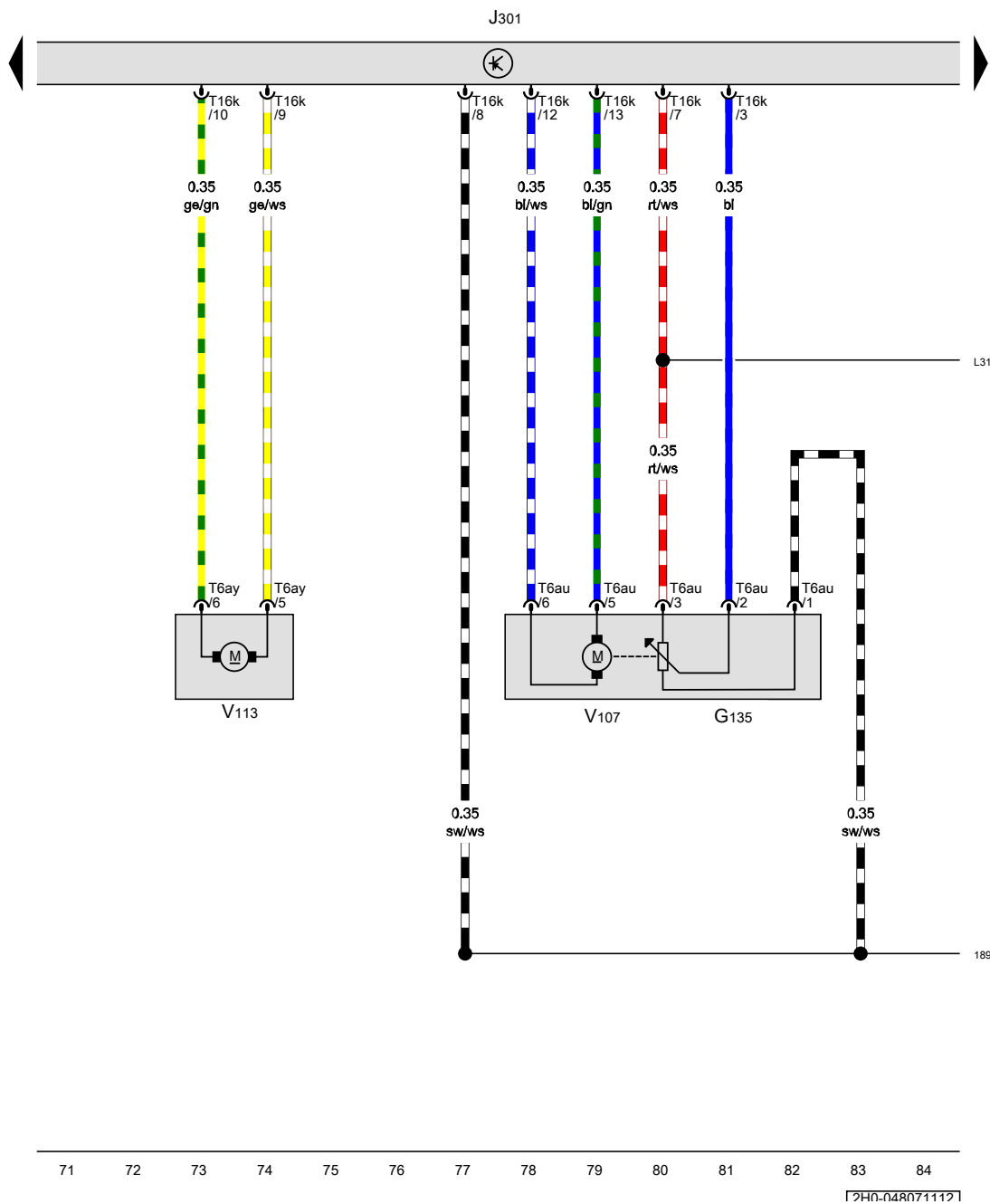
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

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





G65	High-pressure sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
T3v	3-pin connector
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T20	20-pin connector, black
T73b	73-pin connector
U31	Diagnostic connection
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with diesel engine
*2	From January 2013

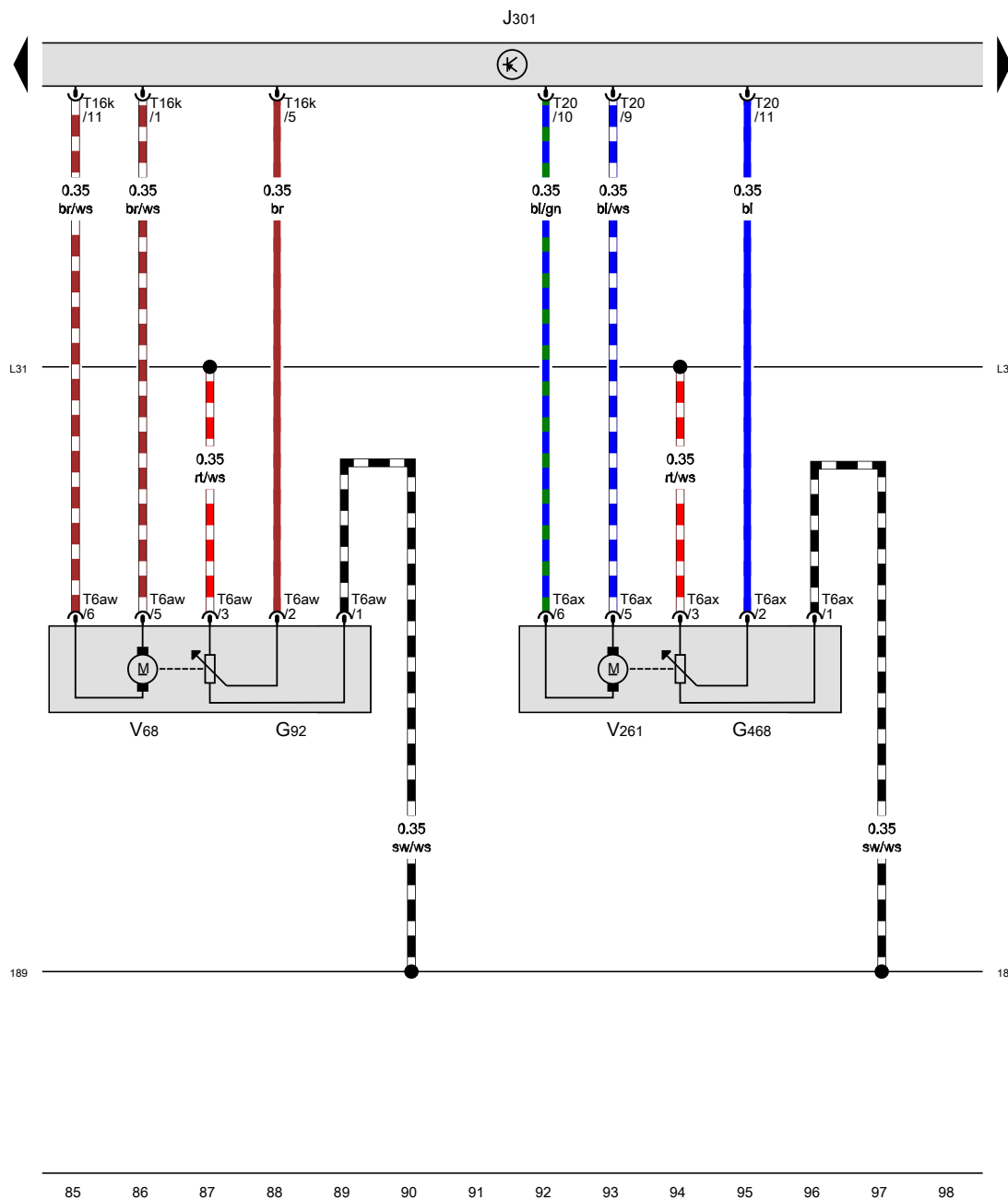


Potentiometer for defroster flap control motor, Air conditioning system control unit, Defroster flap control motor, Air recirculation flap control motor

- G135 Potentiometer for defroster flap control motor
- J301 Air conditioning system control unit
- T6au 6-pin connector
- T6ay 6-pin connector
- T16k 16-pin connector, black
- V107 Defroster flap control motor
- V113 Air recirculation flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

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

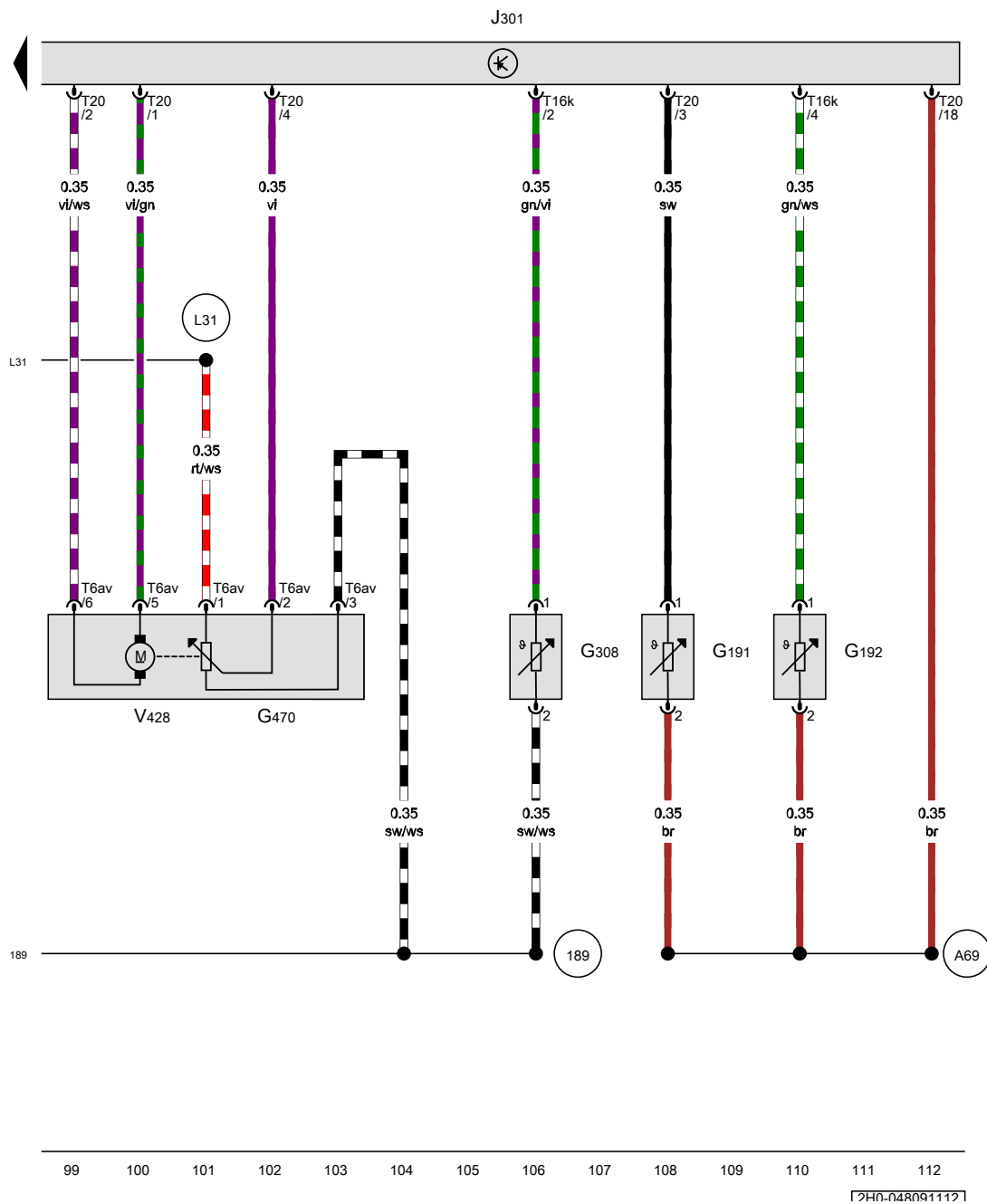


Potentiometer for temperature flap control motor, Potentiometer for footwell vent control motor, Air conditioning system control unit, Temperature flap control motor, Footwell flap control motor

- G92 Potentiometer for temperature flap control motor
- G468 Potentiometer for footwell vent control motor
- J301 Air conditioning system control unit
- T6aw 6-pin connector
- T6ax 6-pin connector
- T16k 16-pin connector, black
- T20 20-pin connector, black
- V68 Temperature flap control motor
- V261 Footwell flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

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



Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Air distribution flap control motor

- G191 Centre vent temperature sender
- G192 Footwell vent temperature sender
- G308 Evaporator temperature sensor
- G470 Potentiometer for front air distribution control motor
- J301 Air conditioning system control unit
- T6av 6-pin connector
- T16k 16-pin connector, black
- T20 20-pin connector, black
- V428 Air distribution flap control motor
- (189) Earth connection 1, in heater wiring harness
- (A69) Connection (31, air conditioning system/blower control), in dash panel wiring harness
- (L31) Connection (5V), in air conditioning system wiring harness

Climatronic

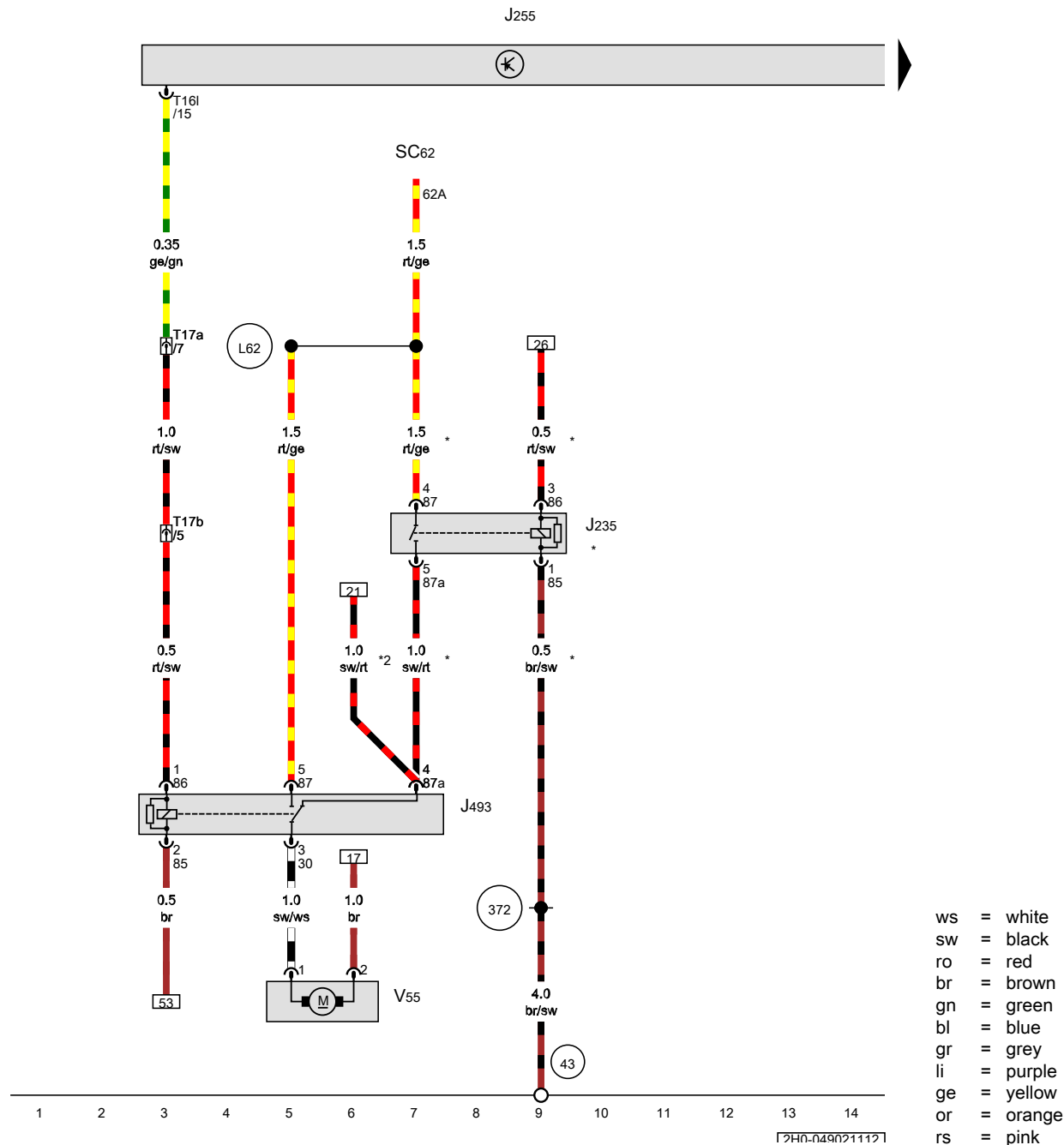
From June 2012

Climatronic control unit, Circulation pump

- J235 Coolant pump relay
- J255 Climatronic control unit, in centre of dash panel
- J493 Auxiliary coolant heater relay
- SC62 Fuse 62 on fuse holder C
- T16l 16-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- V55 Circulation pump

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness

- * Only models with petrol engine
- *2 Only models with diesel engine



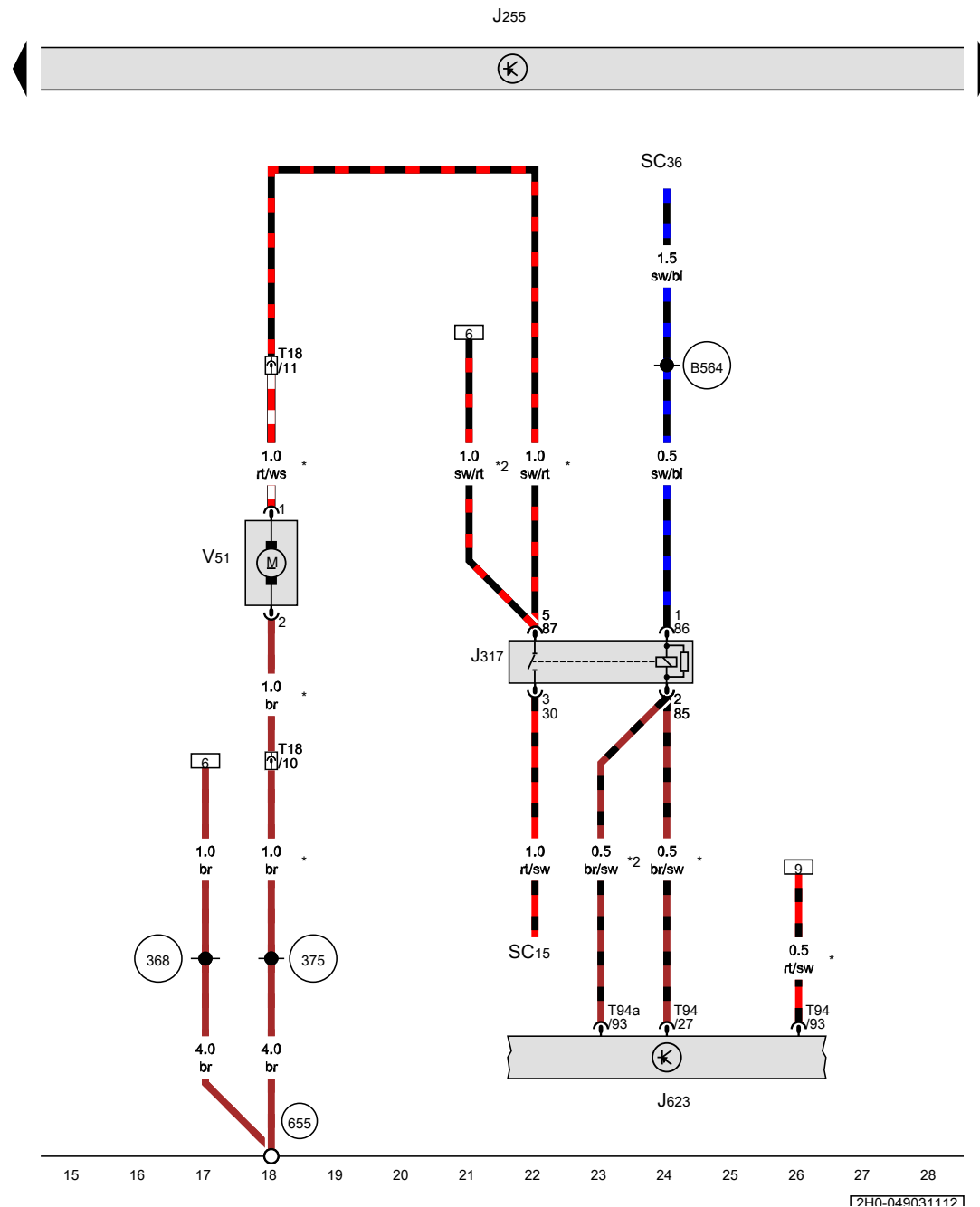
Climatronic control unit, Continued coolant circulation pump

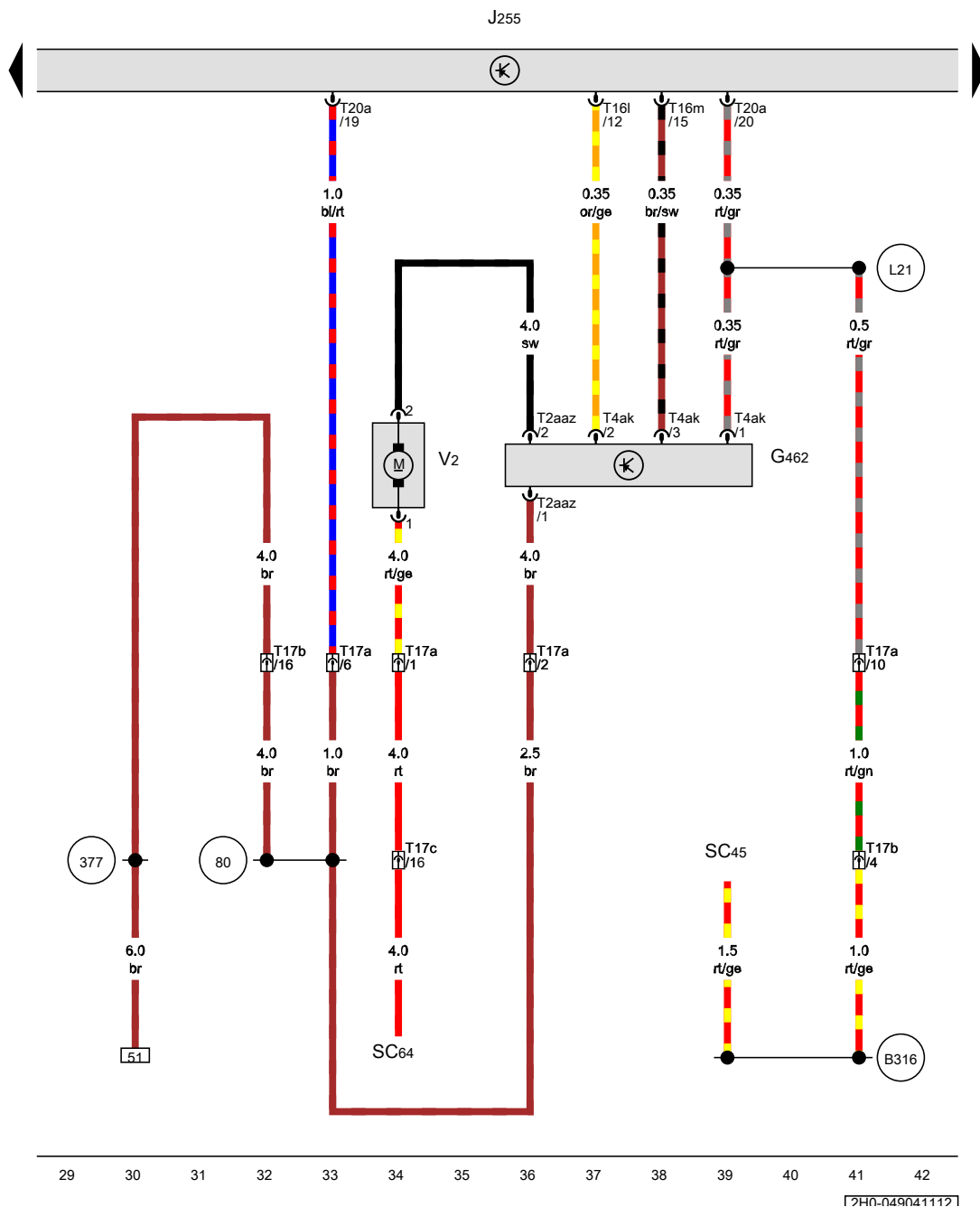
- J255 Climatronic control unit, in centre of dash panel
 J317 Terminal 30 voltage supply relay
 J623 Engine control unit
 SC15 Fuse 15 on fuse holder C
 SC36 Fuse 36 on fuse holder C
 T18 18-pin connector, near engine control unit, black
 T94 94-pin connector, black
 T94a 94-pin connector, black
 V51 Continued coolant circulation pump

- 368 Earth connection 3, in main wiring harness
 375 Earth connection 10, in main wiring harness
 655 Earth point, on left headlight
 B564 Connection 31, in main wiring harness

- * Only models with petrol engine
 *2 Only models with diesel engine

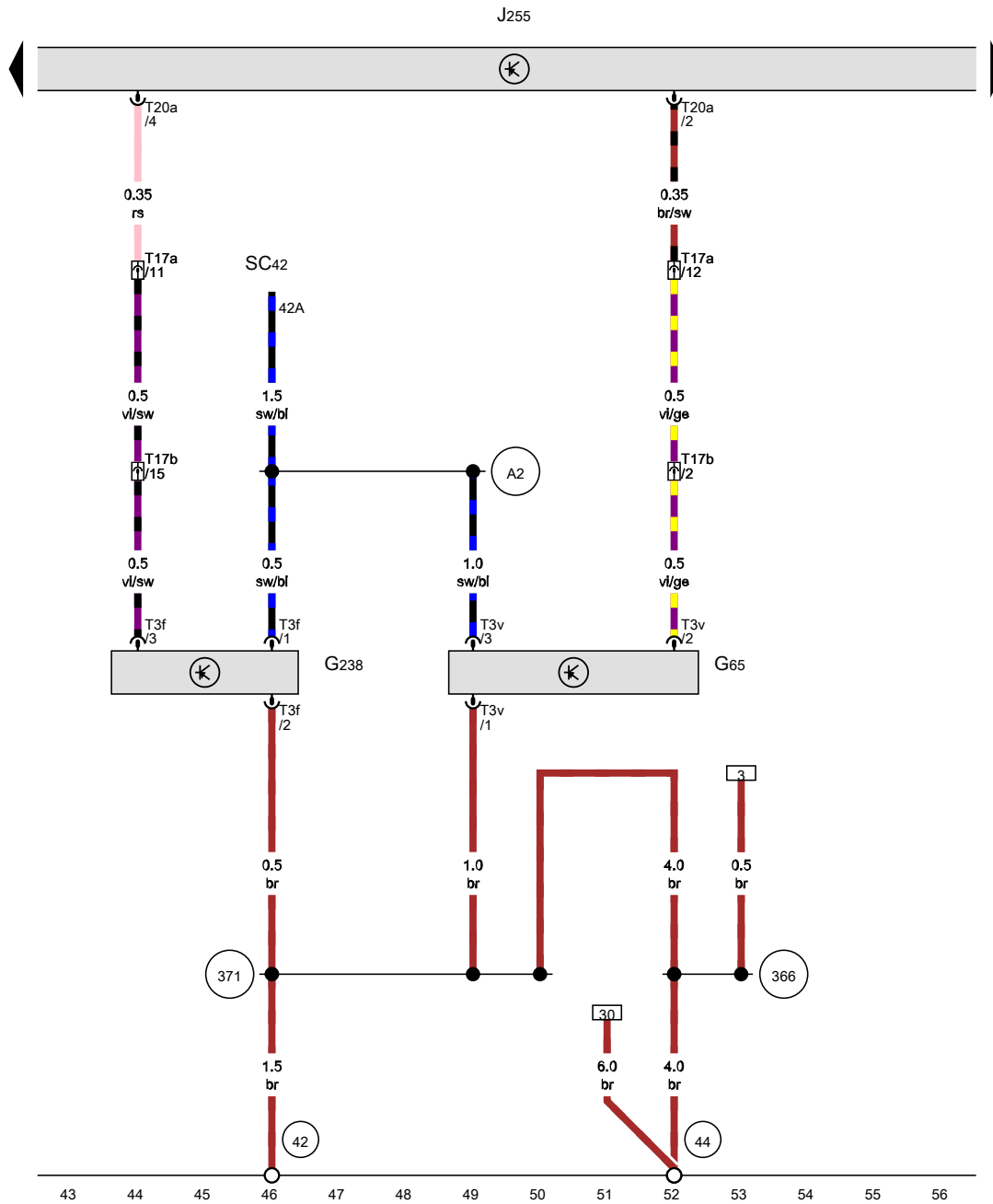
- ws = white
 sw = black
 ro = red
 br = brown
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 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink





Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

- G462 Sender for front Bitron blower regulation
- J255 Climatronic control unit, in centre of dash panel
- SC45 Fuse 45 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- T2aaz 2-pin connector
- T4ak 4-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- T17c 17-pin connector, on left under dash panel, black
- T20a 20-pin connector
- V2 Fresh air blower
- 80 Earth connection 1, in dash panel wiring harness
- 377 Earth connection 12, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- L21 Connection 1 (30), in Climatronic operating unit wiring harness

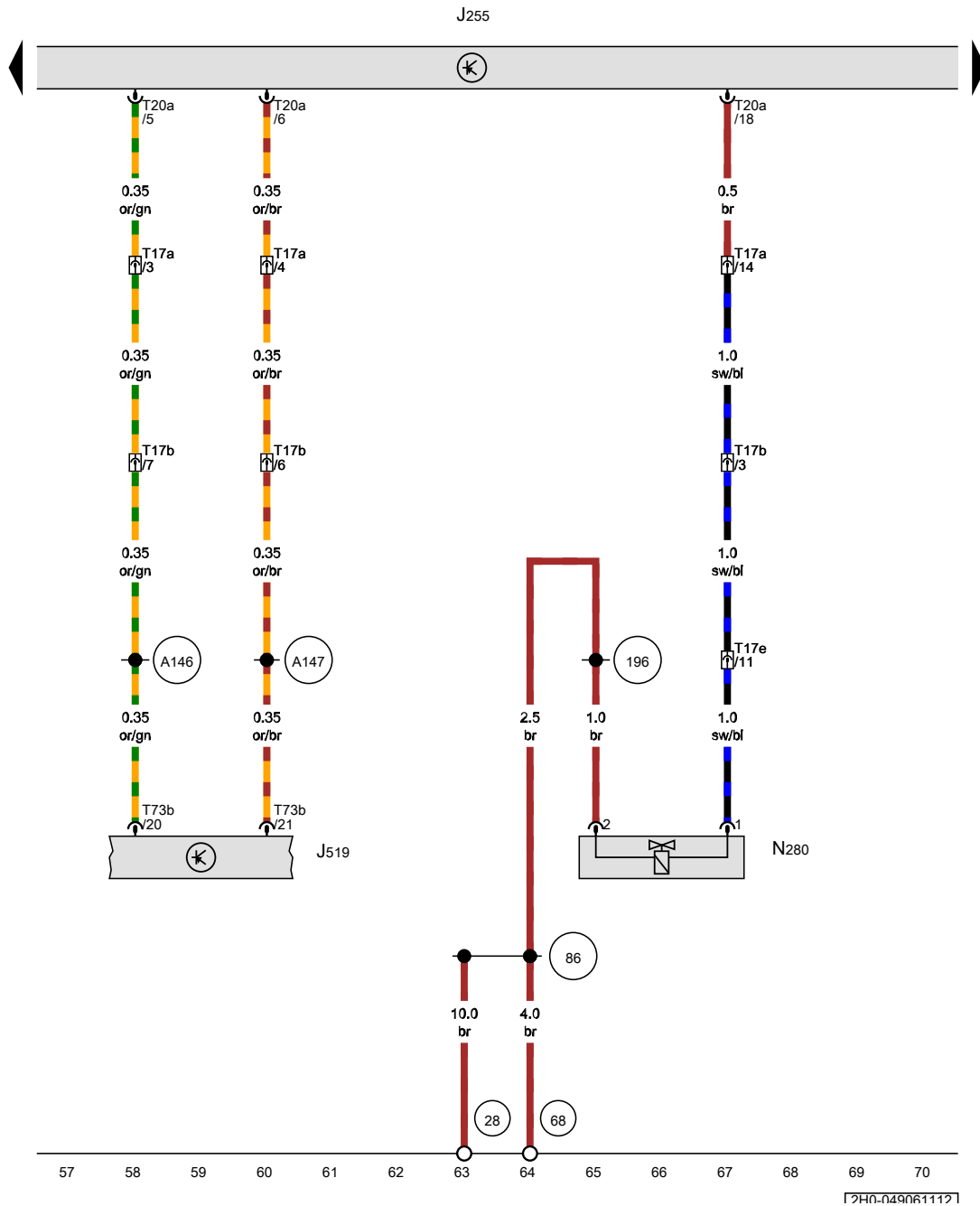


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

High-pressure sender, Air quality sensor, Climatronic control unit, Fuse 42 on fuse holder C

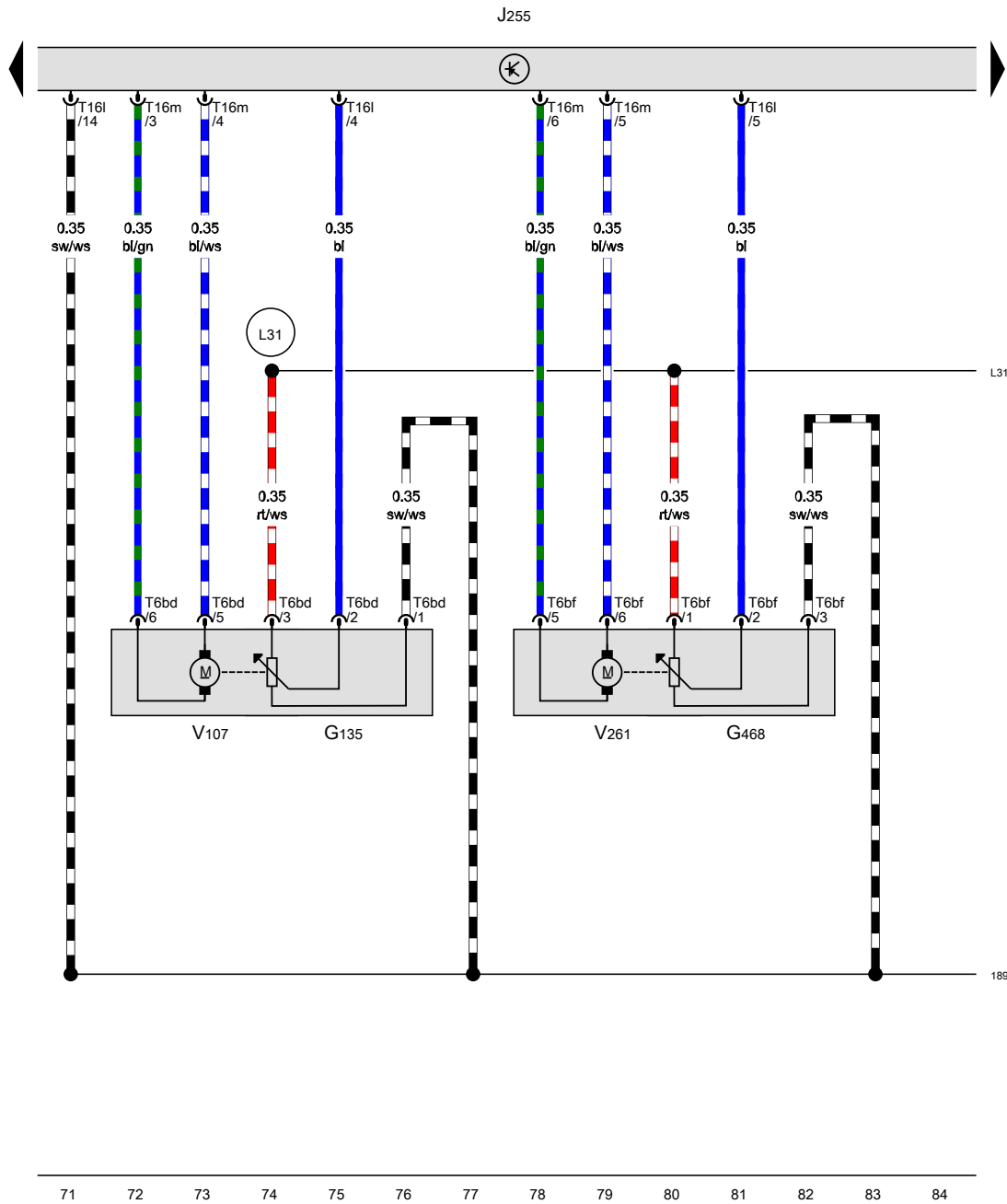
- G65 High-pressure sender
- G238 Air quality sensor, near window wiper motor
- J255 Climatronic control unit, in centre of dash panel
- SC42 Fuse 42 on fuse holder C
- T3f 3-pin connector
- T3v 3-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- T20a 20-pin connector

- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness



Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

- J255 Climatronic control unit, in centre of dash panel
- J519 Onboard supply control unit
- N280 Air conditioner compressor regulating valve
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- T17e 17-pin connector, near handbrake lever, red
- T20a 20-pin connector
- T73b 73-pin connector, colourless
- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness



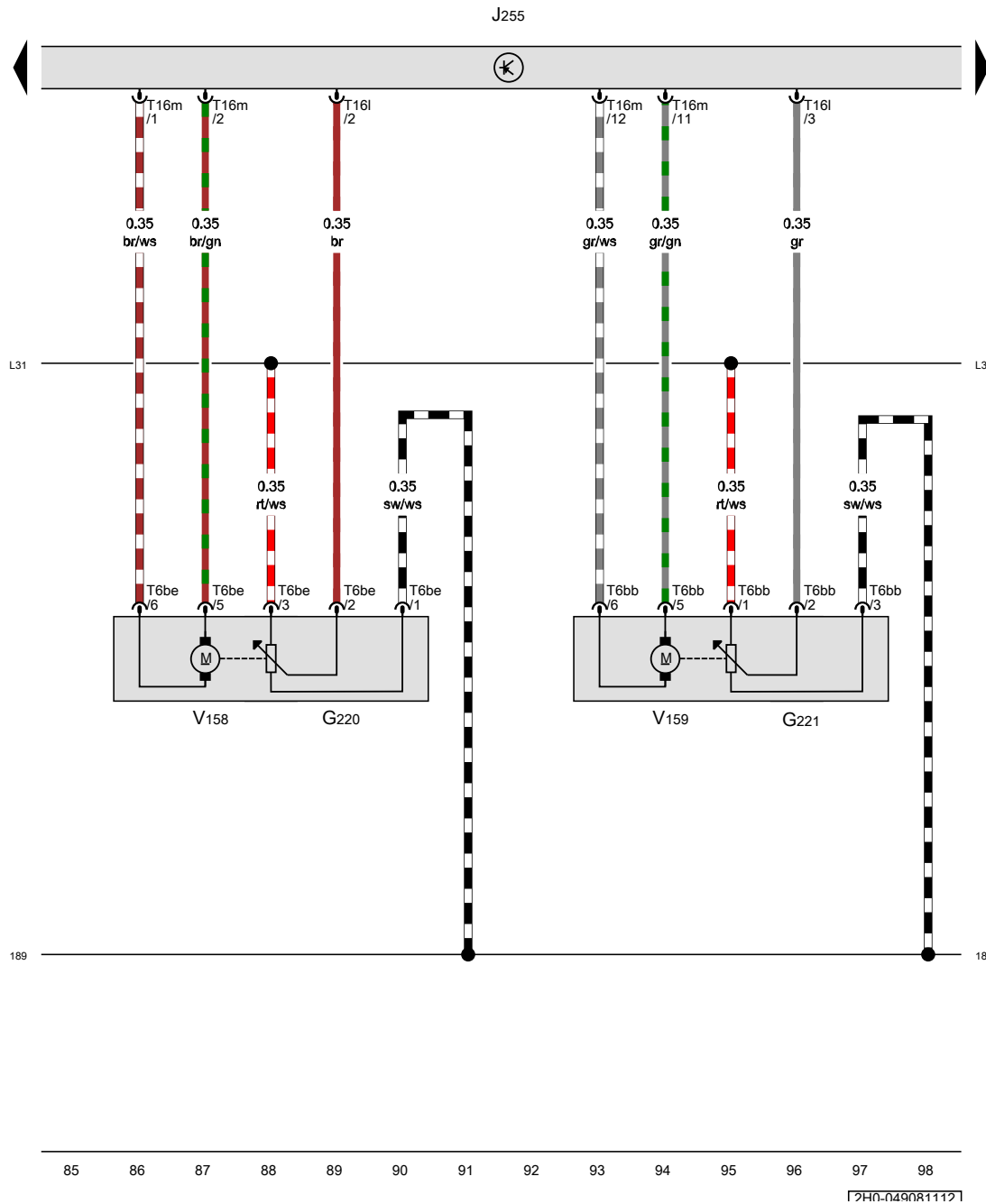
Potentiometer for defroster flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Defroster flap control motor, Footwell flap control motor

- G135 Potentiometer for defroster flap control motor
- G468 Potentiometer for footwell vent control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bd 6-pin connector, black
- T6bf 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V107 Defroster flap control motor
- V261 Footwell flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

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

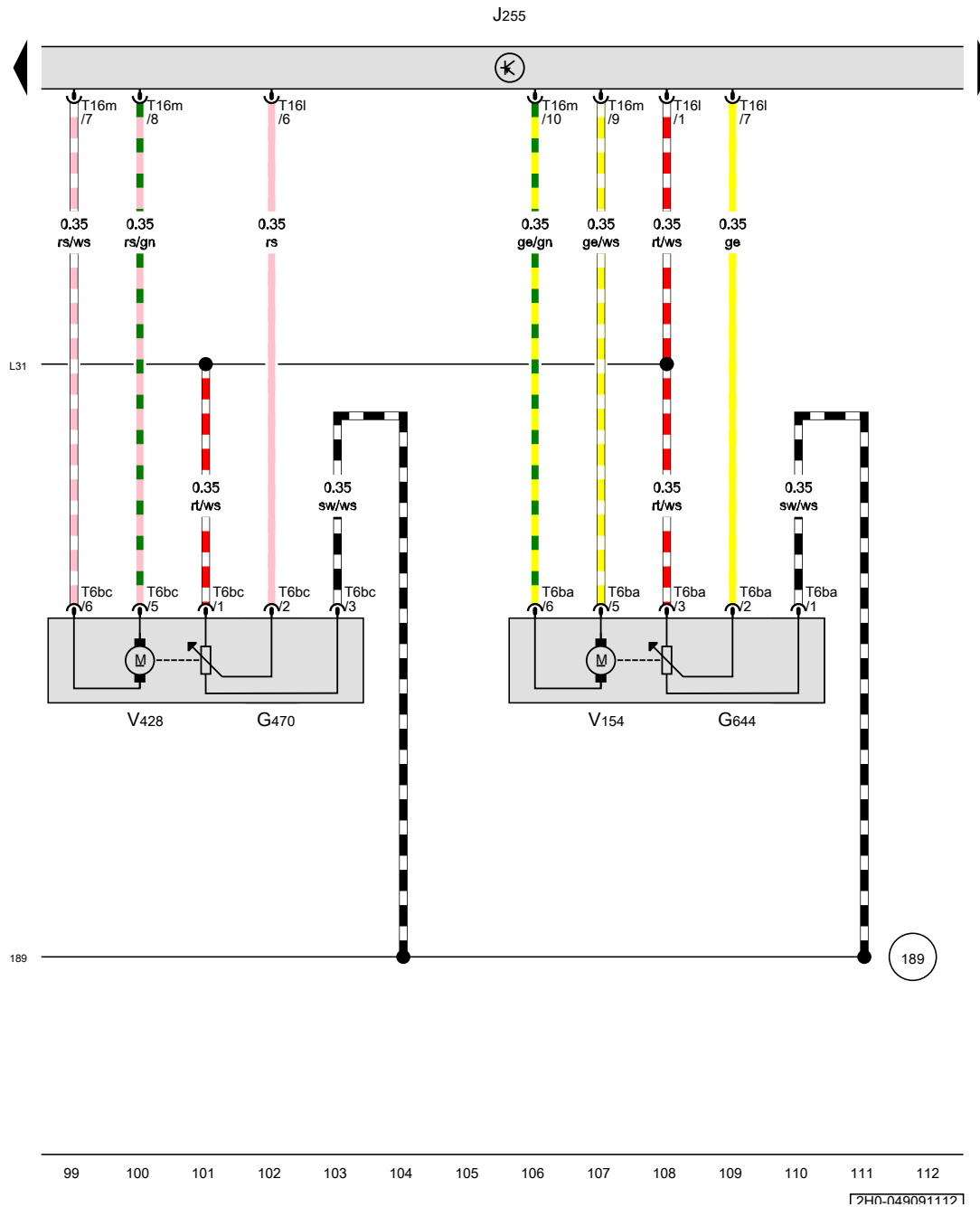
[7490-049071112]



Potentiometer for left temperature flap control motor,
 Potentiometer for right temperature flap control motor,
 Climatronic control unit, Left temperature flap control motor,
 Right temperature flap control motor

- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bb 6-pin connector
- T6be 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

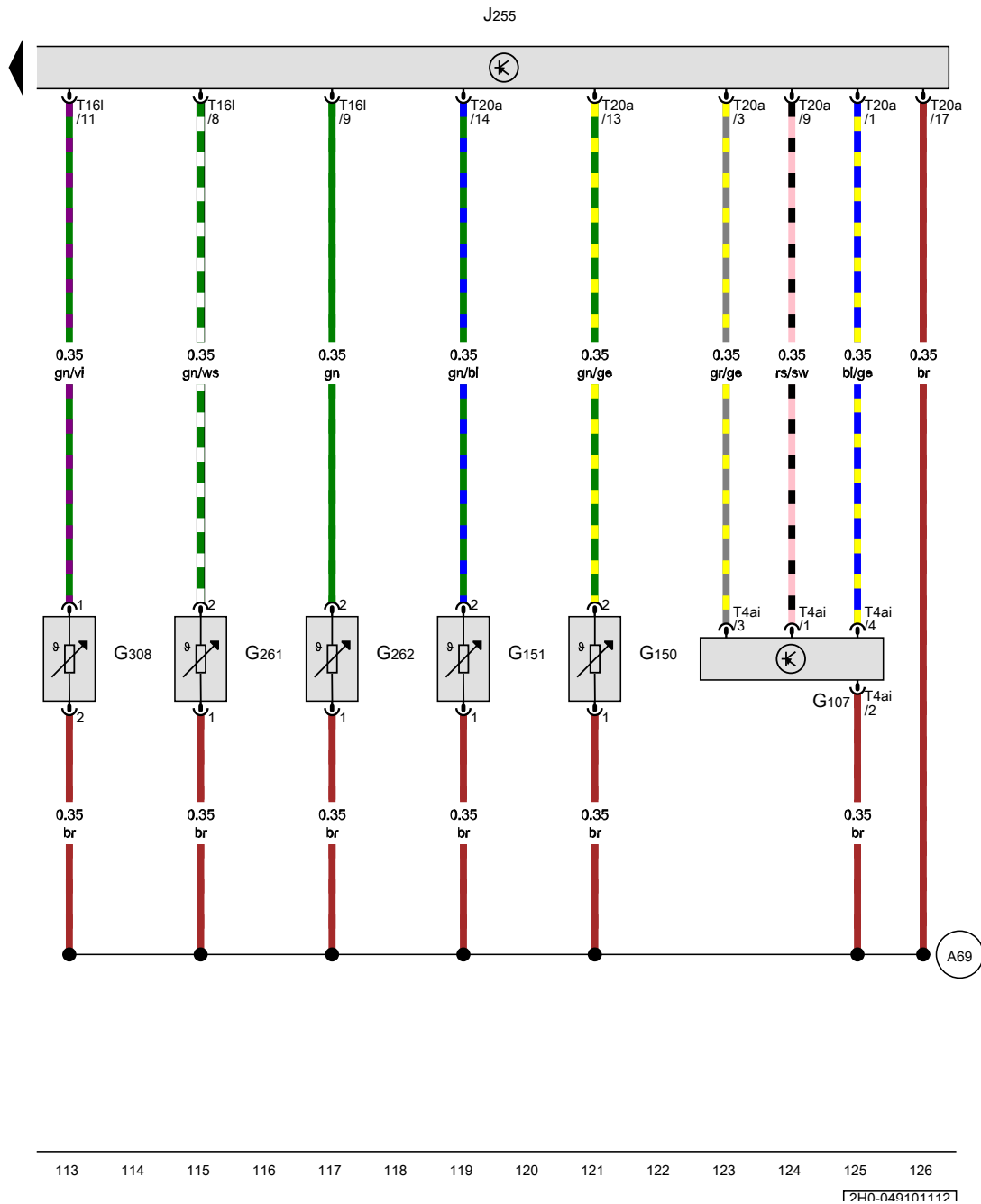
- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



Potentiometer for front air distribution control motor,
Potentiometer for fresh air/recirculated air, air flow flap
control motor, Climatronic control unit, Fresh air and air
recirculation flap control motor, Air distribution flap control
motor

- G470 Potentiometer for front air distribution control motor
- G644 Potentiometer for fresh air/recirculated air, air flow flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6ba 6-pin connector
- T6bc 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V154 Fresh air and air recirculation flap control motor
- V428 Air distribution flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



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

- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- J255 Climatronic control unit, in centre of dash panel
- T4ai 4-pin connector, black
- T16l 16-pin connector, black
- T20a 20-pin connector
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness

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

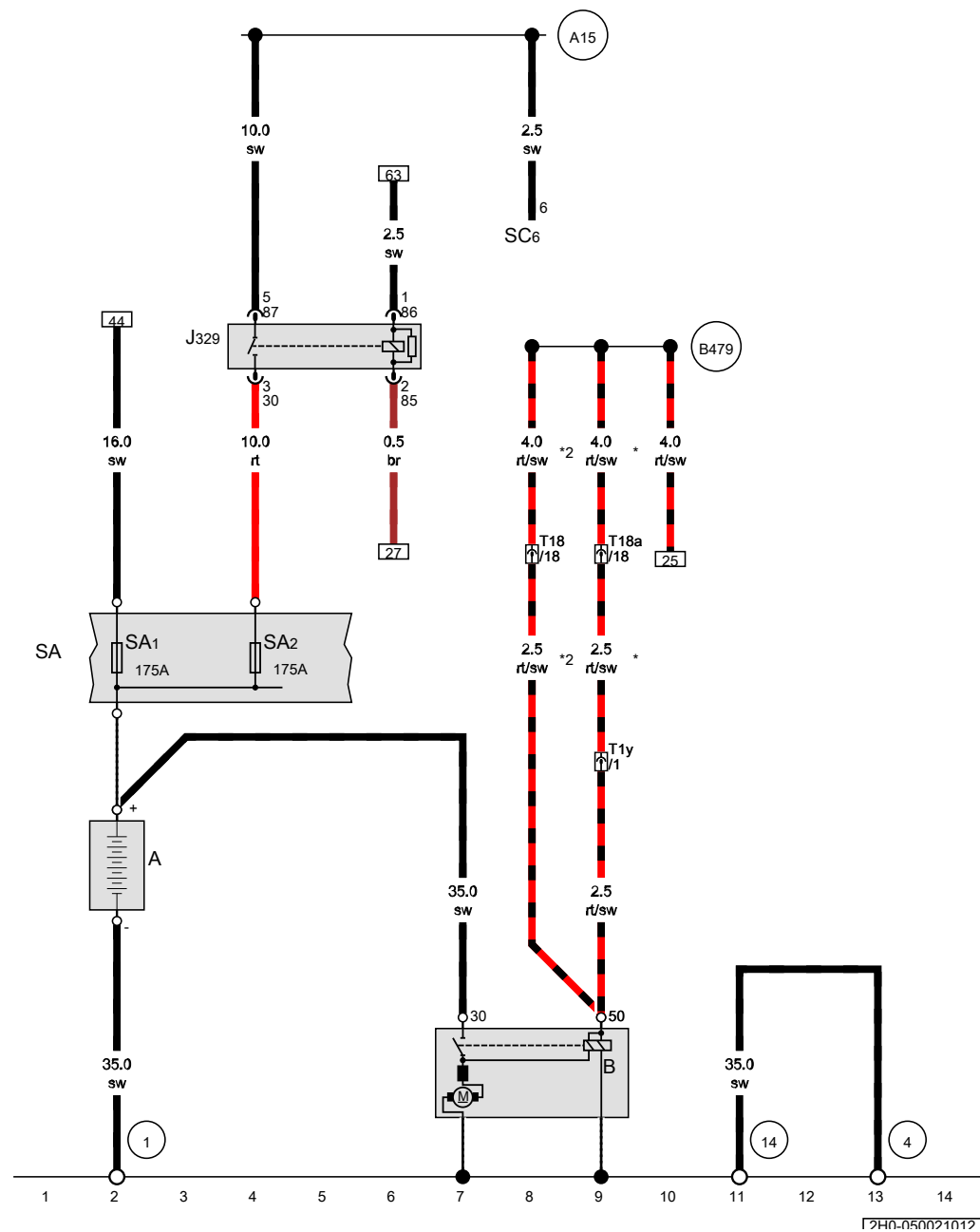
Basic equipment

From June 2012

Battery, Starter, Terminal 15 voltage supply relay, Fuse holder A

- A Battery
- B Starter
- J329 Terminal 15 voltage supply relay
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SC6 Fuse 6 on fuse holder C
- T1y Single connector, black
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- 4 Earth strap, battery - body - gearbox
- 14 Earth point, on gearbox
- A15 Positive connection (15), in instrument wiring harness
- B479 Connection 15, in main wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine

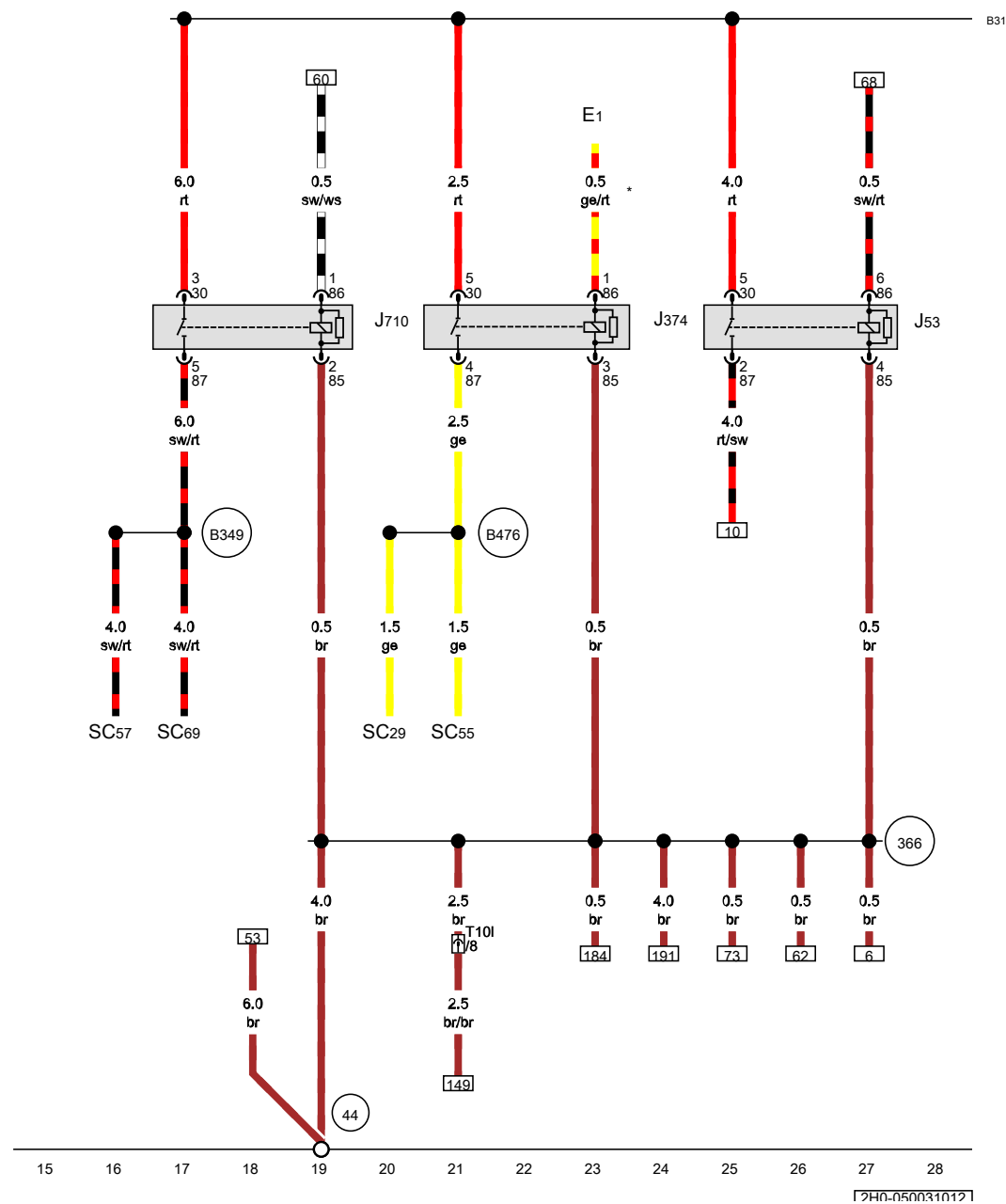


- ws = white
- sw = black
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

E1	Light switch
J53	Starter motor relay
J374	Terminal 58b relief relay
J710	Voltage supply relay 2
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10I	10-pin connector, on left under dash panel, blue

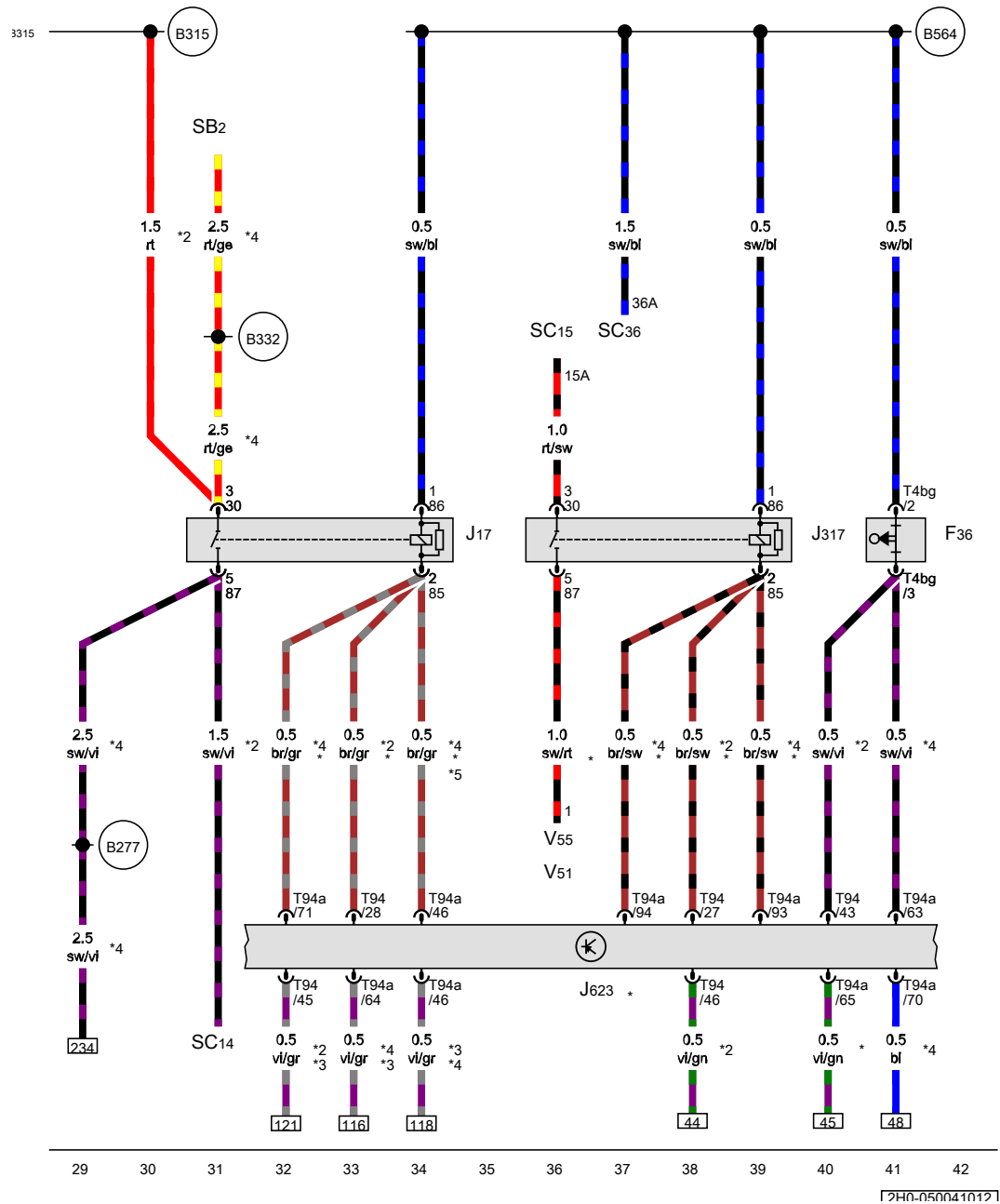
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B476 Connection 12, in main wiring harness

* see applicable current flow diagram



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

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit



- F36 Clutch pedal switch
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4bg 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V51 Continued coolant circulation pump
- V55 Circulation pump

- B277 Positive connection 1 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B332 Positive connection 18 (30a) in main wiring harness
- B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with petrol engine
- *3 Only models with cruise control system (CCS)
- *4 Only models with diesel engine
- *5 Slot assignment, with no cruise control system (CCS)

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

Alternator with voltage regulator, Fuse 4 on fuse holder B

CX1 Alternator with voltage regulator
J519 Onboard supply control unit
SB4 Fuse 4 on fuse holder B
T18 18-pin connector, near engine control unit, black
T73a 73-pin connector, black
T73b 73-pin connector, colourless

12 Earth point, on left in engine compartment

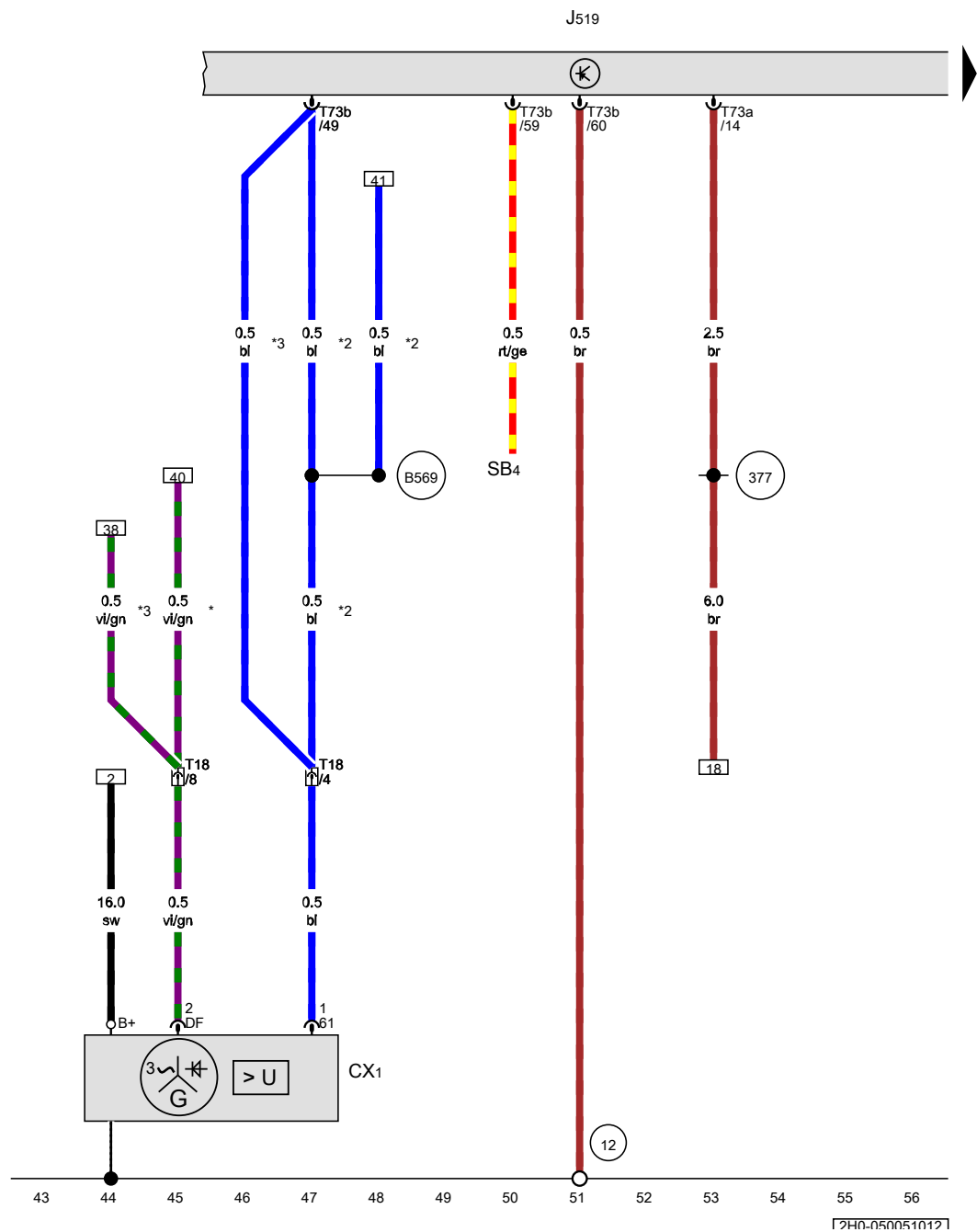
377 Earth connection 12, in main wiring harness

B569 Connection 36, in main wiring harness

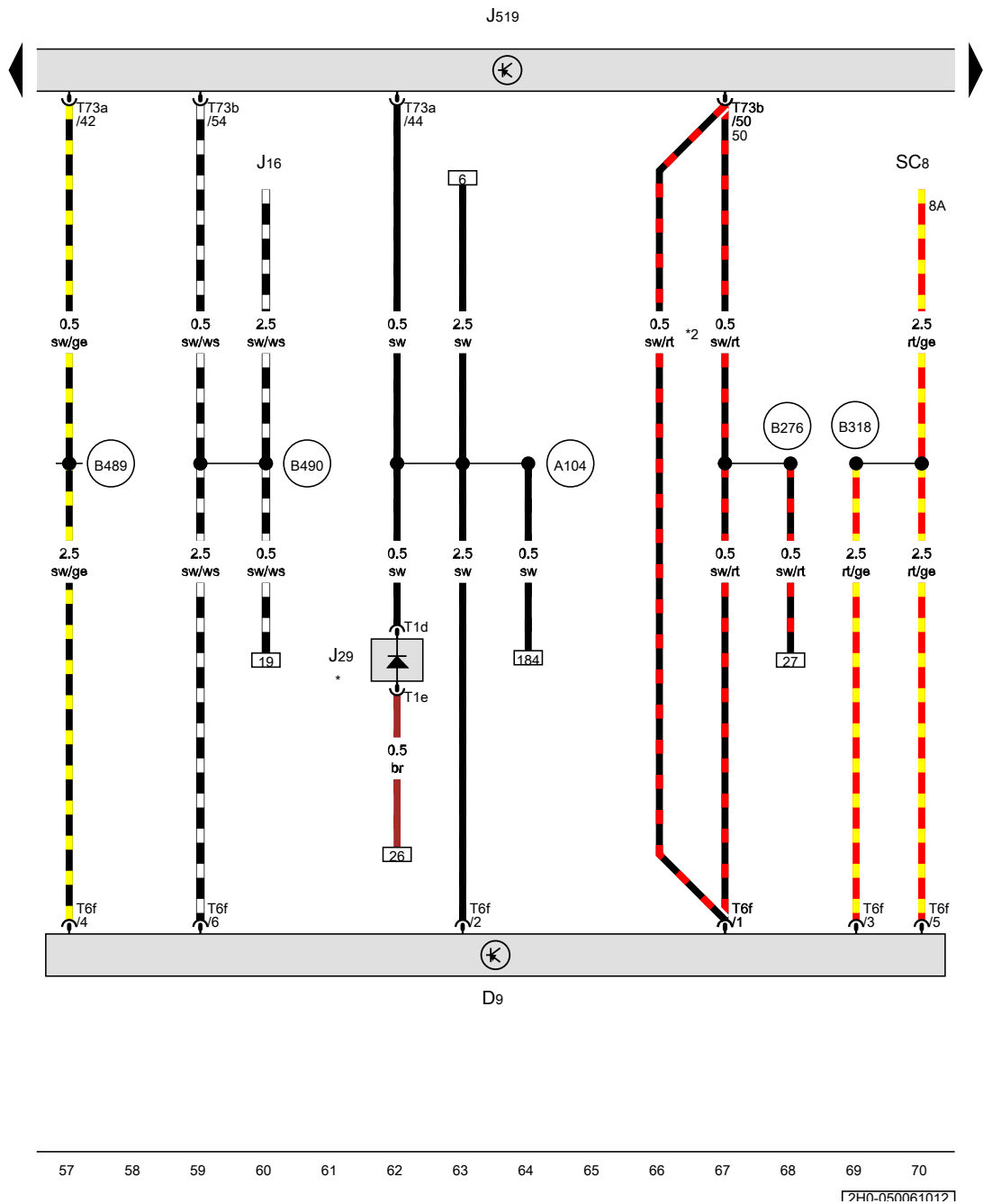
* see applicable current flow diagram for engine

*2 Only models with diesel engine

*3 Only models with petrol engine



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



Electronic ignition lock

- D9 Electronic ignition lock
- J16 Current supply relay
- J29 Blocking diode, near steering column
- J519 Onboard supply control unit
- SC8 Fuse 8 on fuse holder C
- T1d Single connector, red
- T1e Single connector, red
- T6f 6-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

A104 Positive connection 2 (15), in dash panel wiring harness

B276 Positive connection (50), in main wiring harness

B318 Positive connection 4 (30a) in main wiring harness

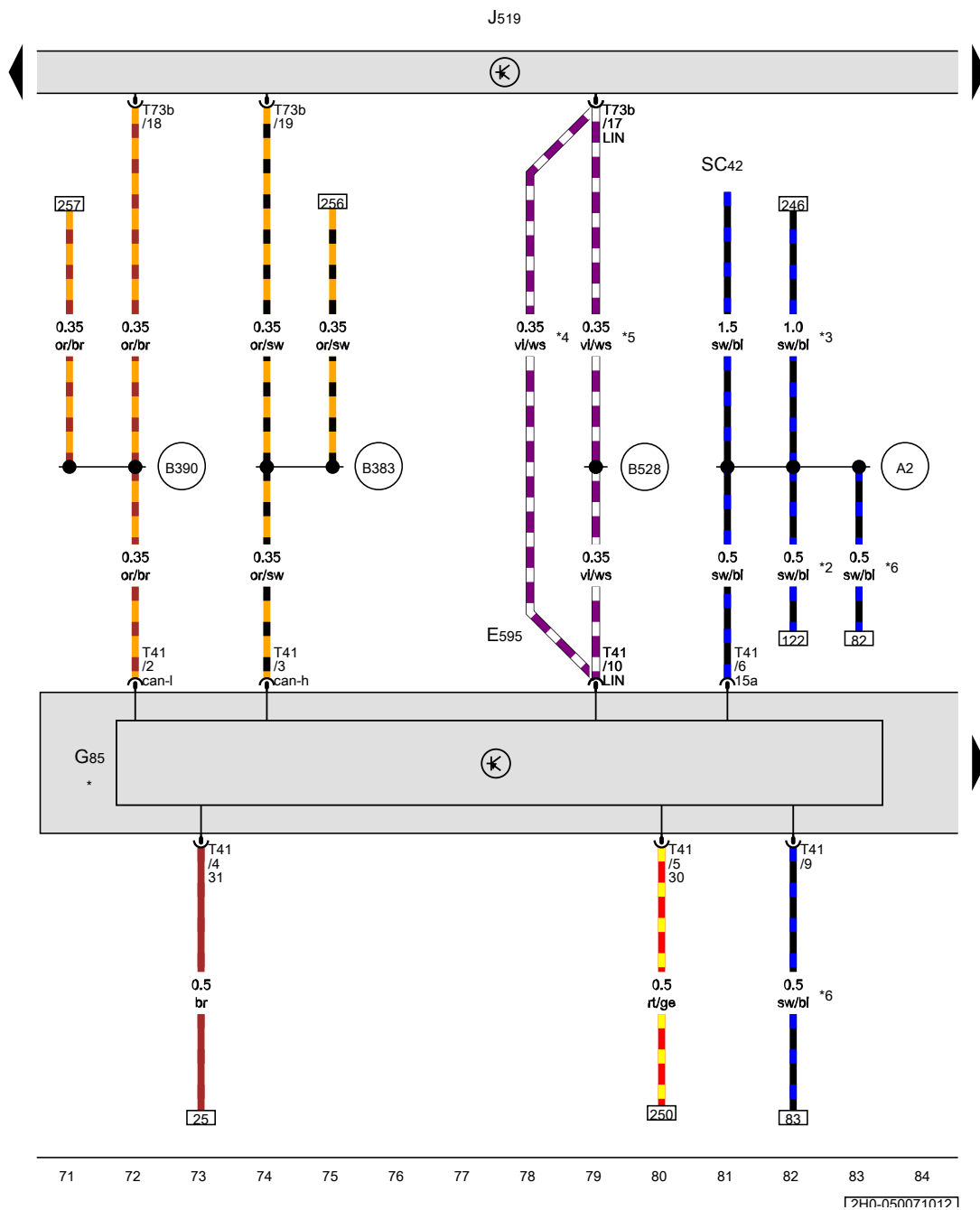
B489 Connection 25, in main wiring harness

B490 Connection 26, in main wiring harness

* Only models with cruise control system (CCS)

*2 Only models with automatic gearbox

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



Steering column combination switch, Steering angle sender

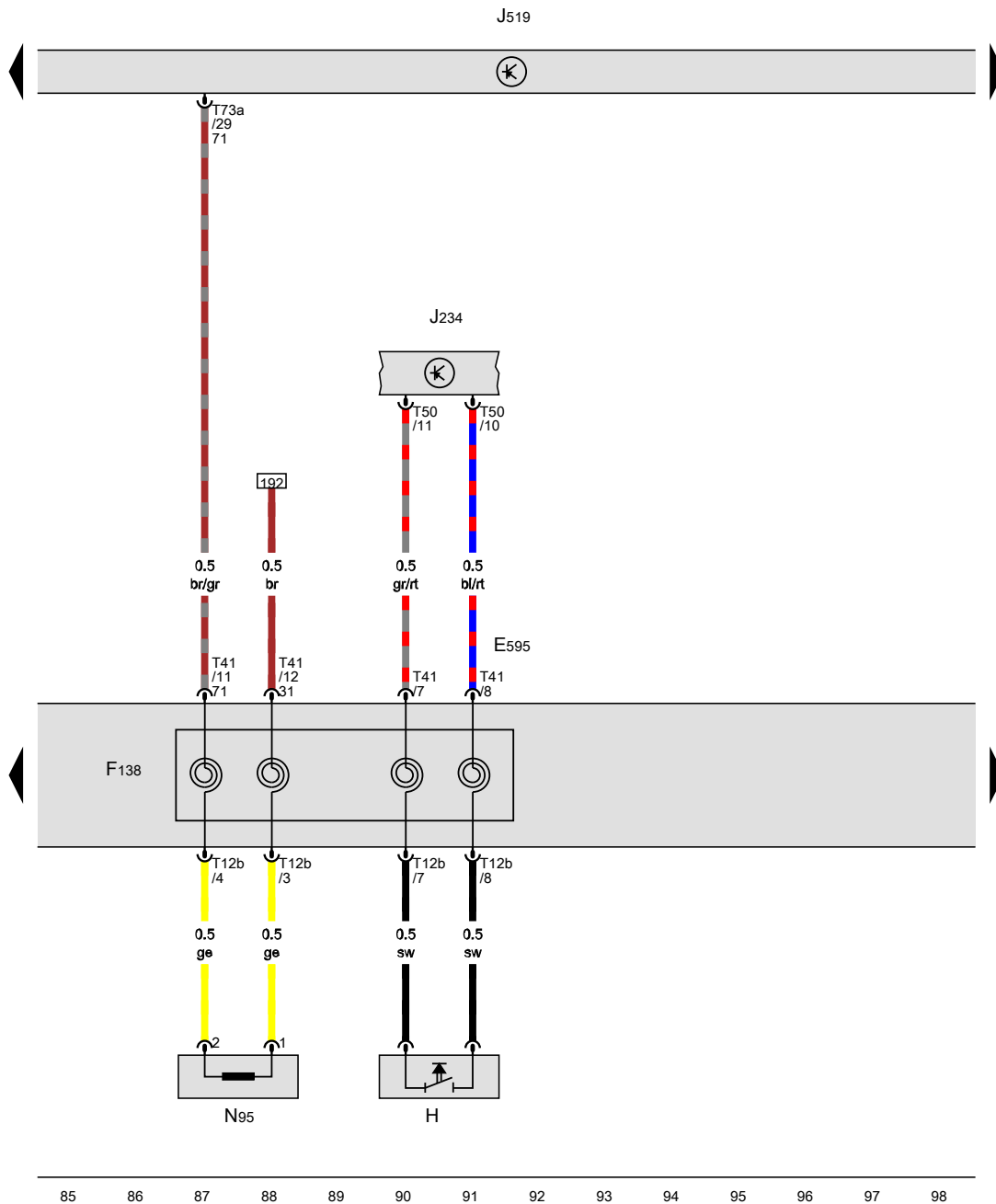
- E595 Steering column combination switch
- G85 Steering angle sender
- J519 Onboard supply control unit
- SC42 Fuse 42 on fuse holder C
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless

- A2 Positive connection (15), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

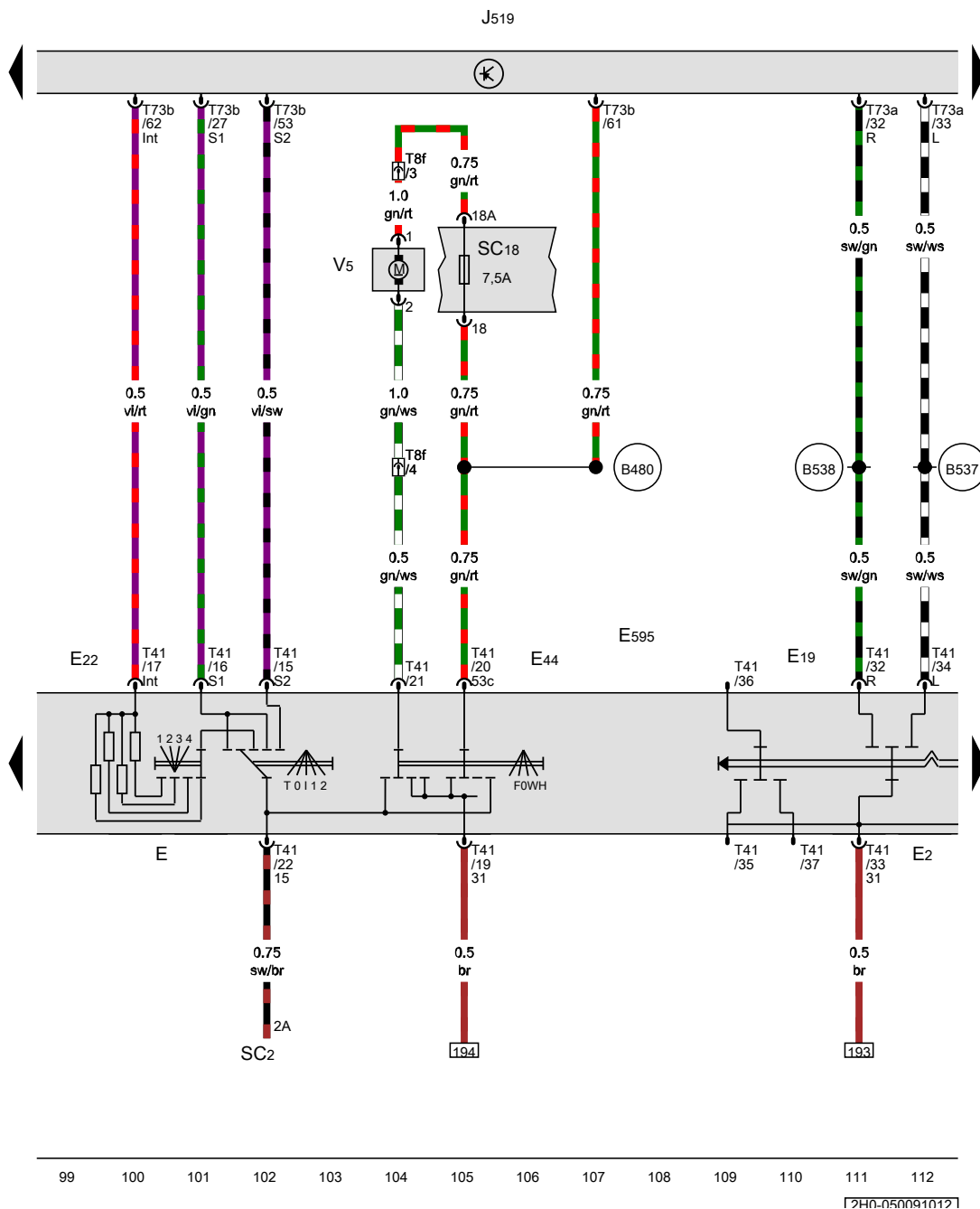
- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
- *2 Only models with cruise control system (CCS)
- *3 Only models with Euro 5 emission standard
- *4 Only models with manual window regulators
- *5 Only models with electric window regulators
- *6 From November 2011

Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring, on steering wheel
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Driver side airbag igniter
- T12b 12-pin connector, yellow
- T41 41-pin connector, grey
- T50 50-pin connector, yellow
- T73a 73-pin connector, black



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



Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

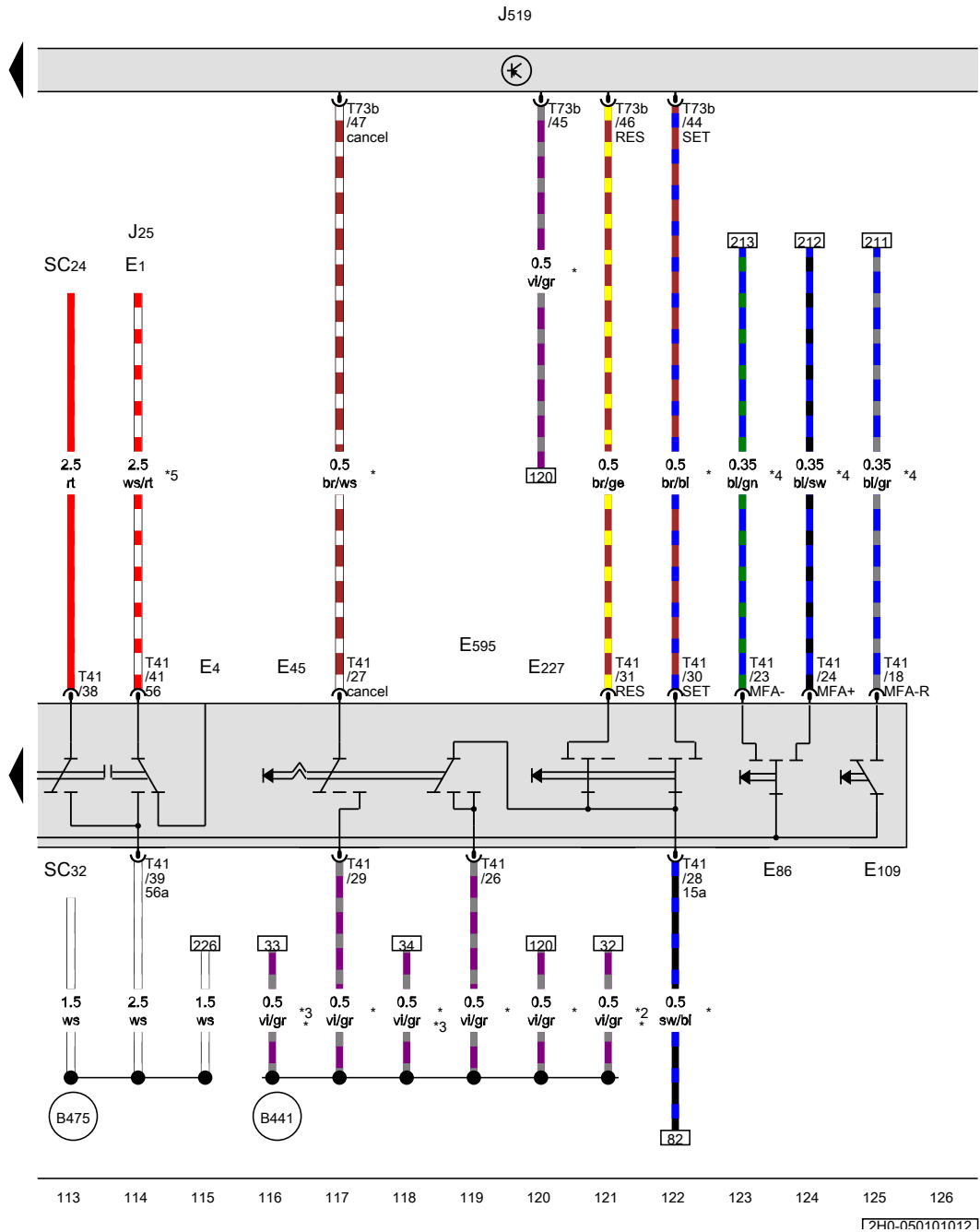
- E Windscreen wiper switch
- E2 Turn signal switch
- E19 Parking light switch
- E22 Intermittent wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC2 Fuse 2 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T8f 8-pin connector, in rear left of engine compartment, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V5 Washer pump

B480 Connection 16, in main wiring harness

B537 Connection 28, in main wiring harness

B538 Connection 29, in main wiring harness

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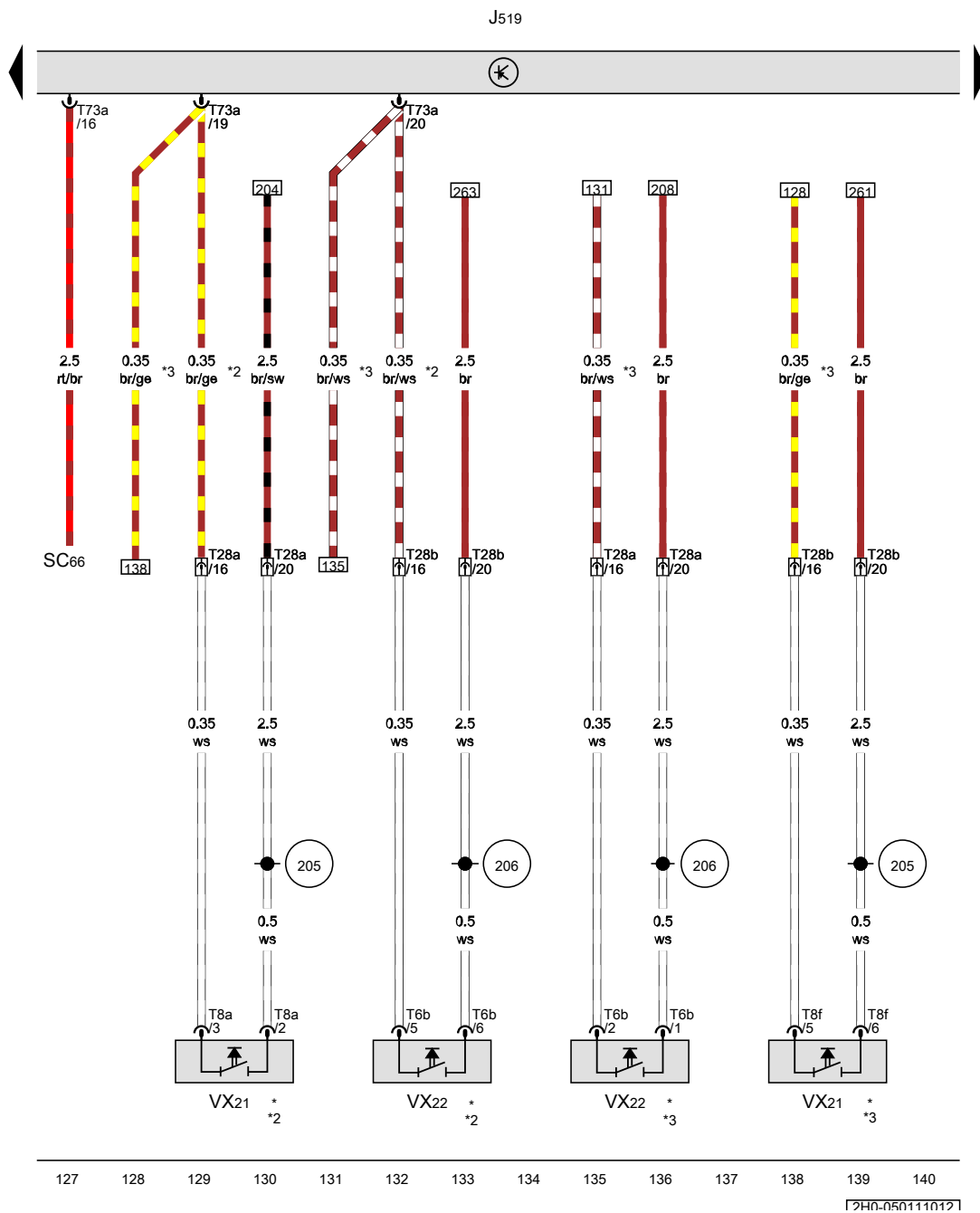
Light switch, Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

E1	Light switch
E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless

- B441 Connection (CCS), in main wiring harness
- B475 Connection 11, in main wiring harness

- * Only models with cruise control system (CCS)
- *2 Only models with petrol engine
- *3 Only models with diesel engine
- *4 Only models with multifunction display
- *5 see applicable current flow diagram for exterior lighting

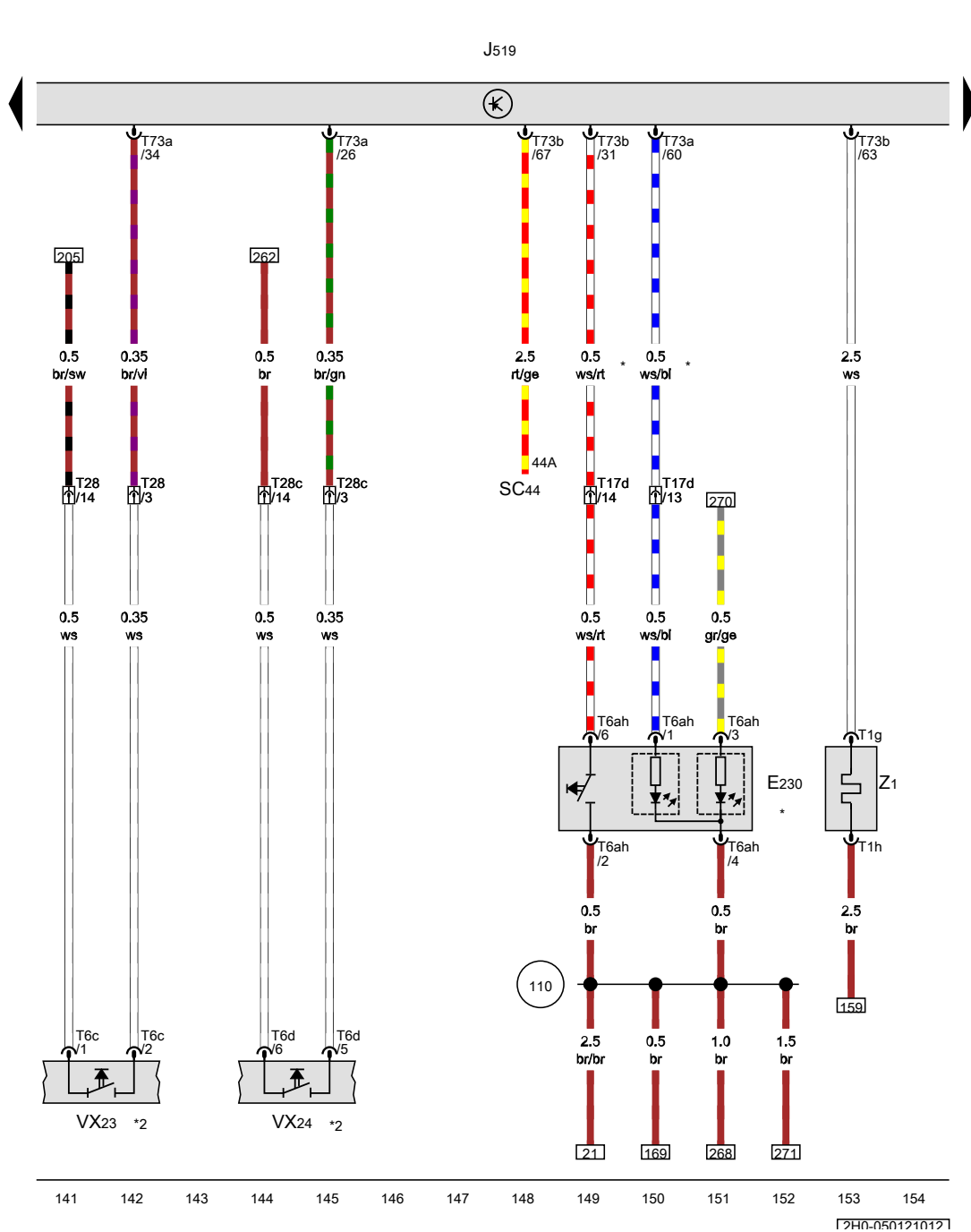
ws = white
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Driver door lock unit, Front passenger door lock unit

- J519 Onboard supply control unit
- SC66 Fuse 66 on fuse holder C
- T6b 6-pin connector, black
- T8a 8-pin connector, black
- T8f 8-pin connector, black
- T28a 28-pin connector, on left A-pillar, grey
- T28b 28-pin connector, on right A-pillar, grey
- T73a 73-pin connector, black
- VX21 Driver door lock unit
- VX22 Front passenger door lock unit

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- * Only models with no central locking
- *2 Only left-hand drive models
- *3 Only right-hand drive models

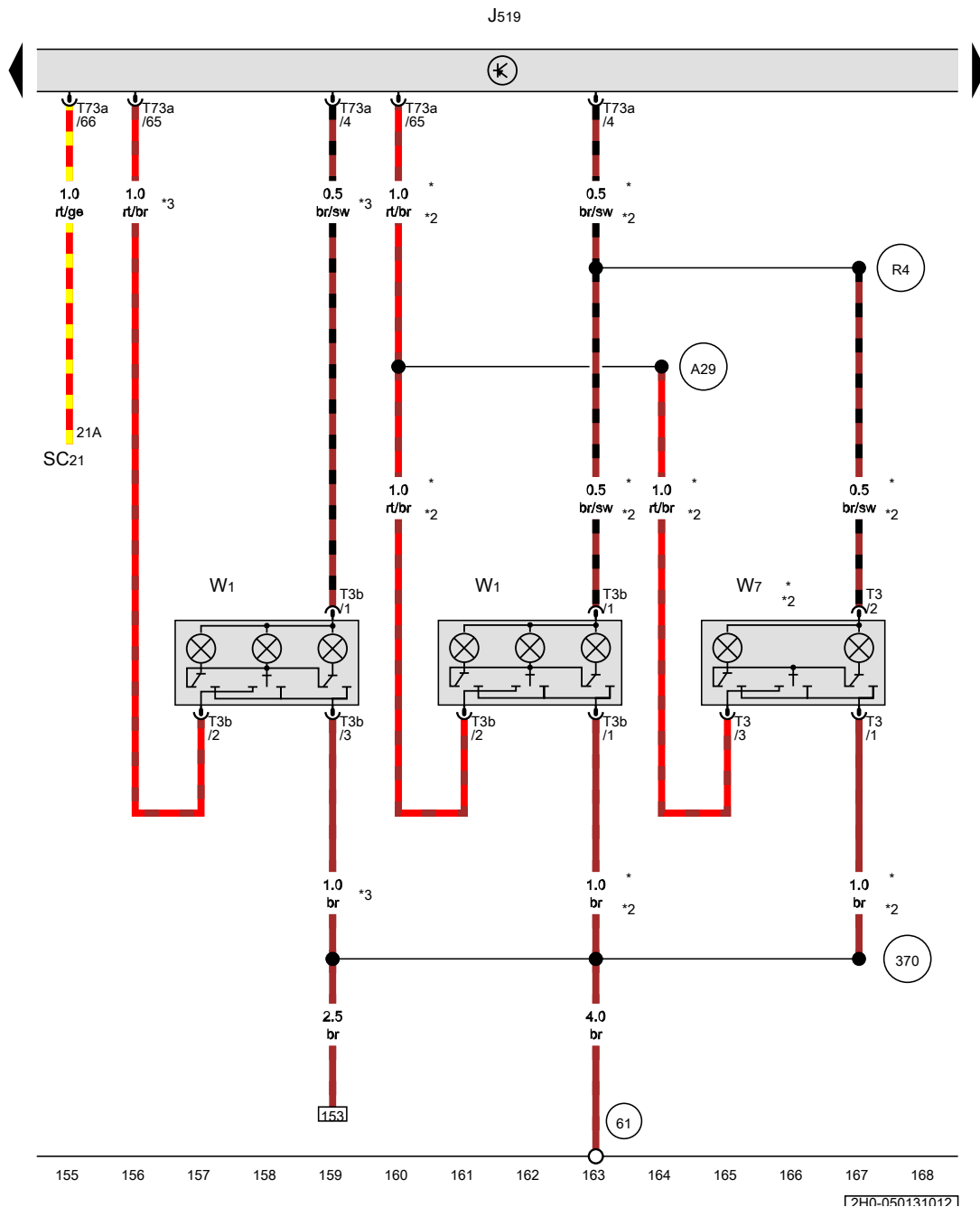


Heated rear window button, Rear left door lock unit, Rear right door lock unit, Heated rear window

- E230 Heated rear window button, near radio
- J519 Onboard supply control unit
- SC44 Fuse 44 on fuse holder C
- T1g Single connector, black
- T1h Single connector, black
- T6ah 6-pin connector, brown
- T6c 6-pin connector, black
- T6d 6-pin connector, grey
- T17d 17-pin connector, on left under dash panel, red
- T28 28-pin connector, on left B-pillar, grey
- T28c 28-pin connector, on right B-pillar, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- VX23 Rear left door lock unit
- VX24 Rear right door lock unit
- Z1 Heated rear window

110 Earth connection 2, in dash panel wiring harness

- * Only models with no air conditioning system/Climatronic
- *2 Only models with no central locking



Front interior light, Centre interior light

J519 Onboard supply control unit

SC21 Fuse 21 on fuse holder C

T3 3-pin connector, black

T3b 3-pin connector, black

T73a 73-pin connector, black

W1 Front interior light

W7 Centre interior light

61 Earth point, left C-pillar

370 Earth connection 5, in main wiring harness

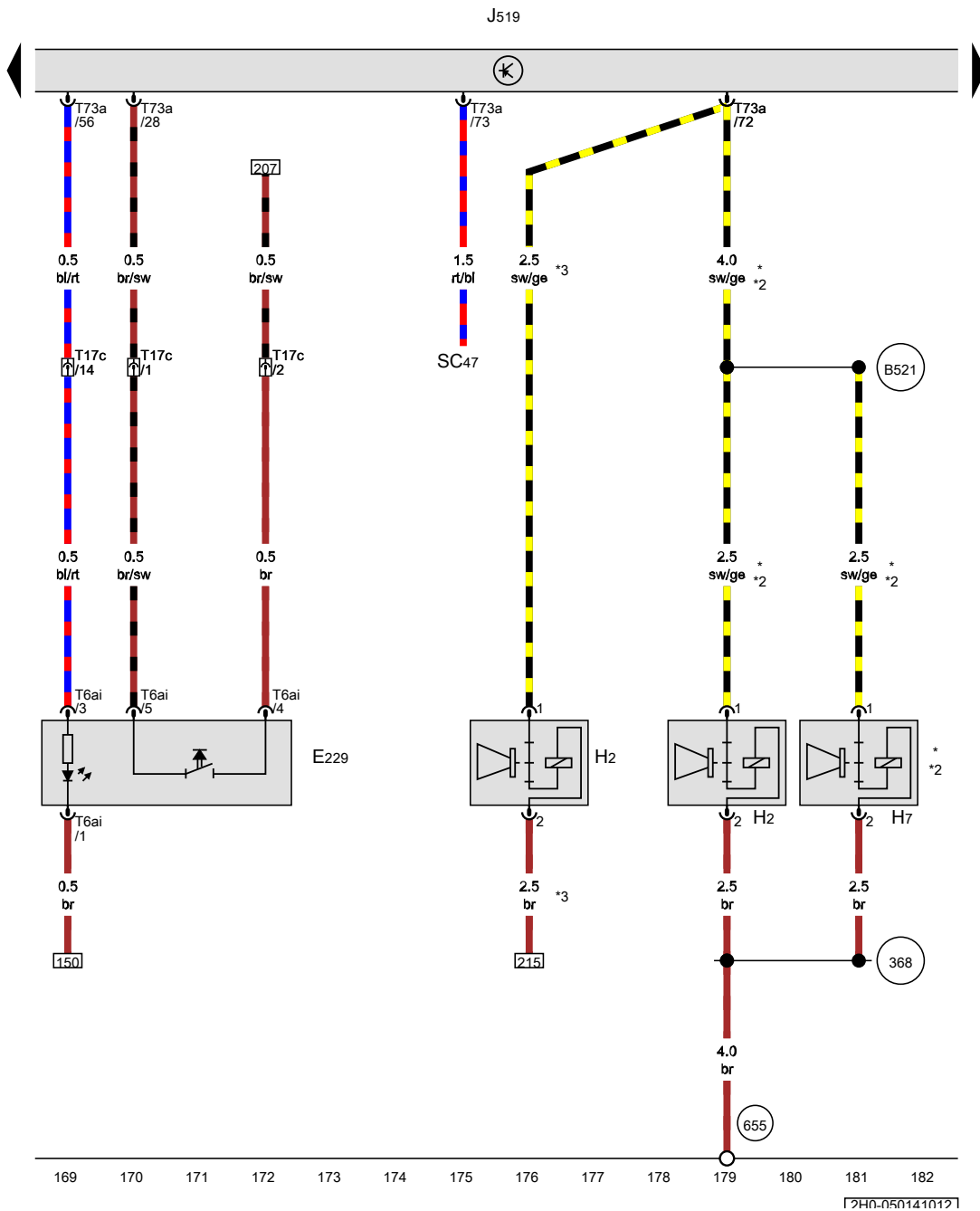
A29 Connection (interior light), in dash panel wiring harness

R4 Connection 1, in interior light/door contact switch wiring harness

* Only models with double cab

*2 Only models with Highline equipment

*3 Only models with basic equipment



Hazard warning lights button, Treble horn, Bass horn

E229 Hazard warning lights button, near radio

H2 Treble horn

H7 Bass horn

J519 Onboard supply control unit

SC47 Fuse 47 on fuse holder C

T6ai 6-pin connector, black, red

T17c 17-pin connector, on left under dash panel, black

T73a 73-pin connector, black

368 Earth connection 3, in main wiring harness

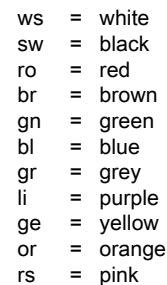
655 Earth point, on left headlight

B521 Connection (dual tone horn), in main wiring harness

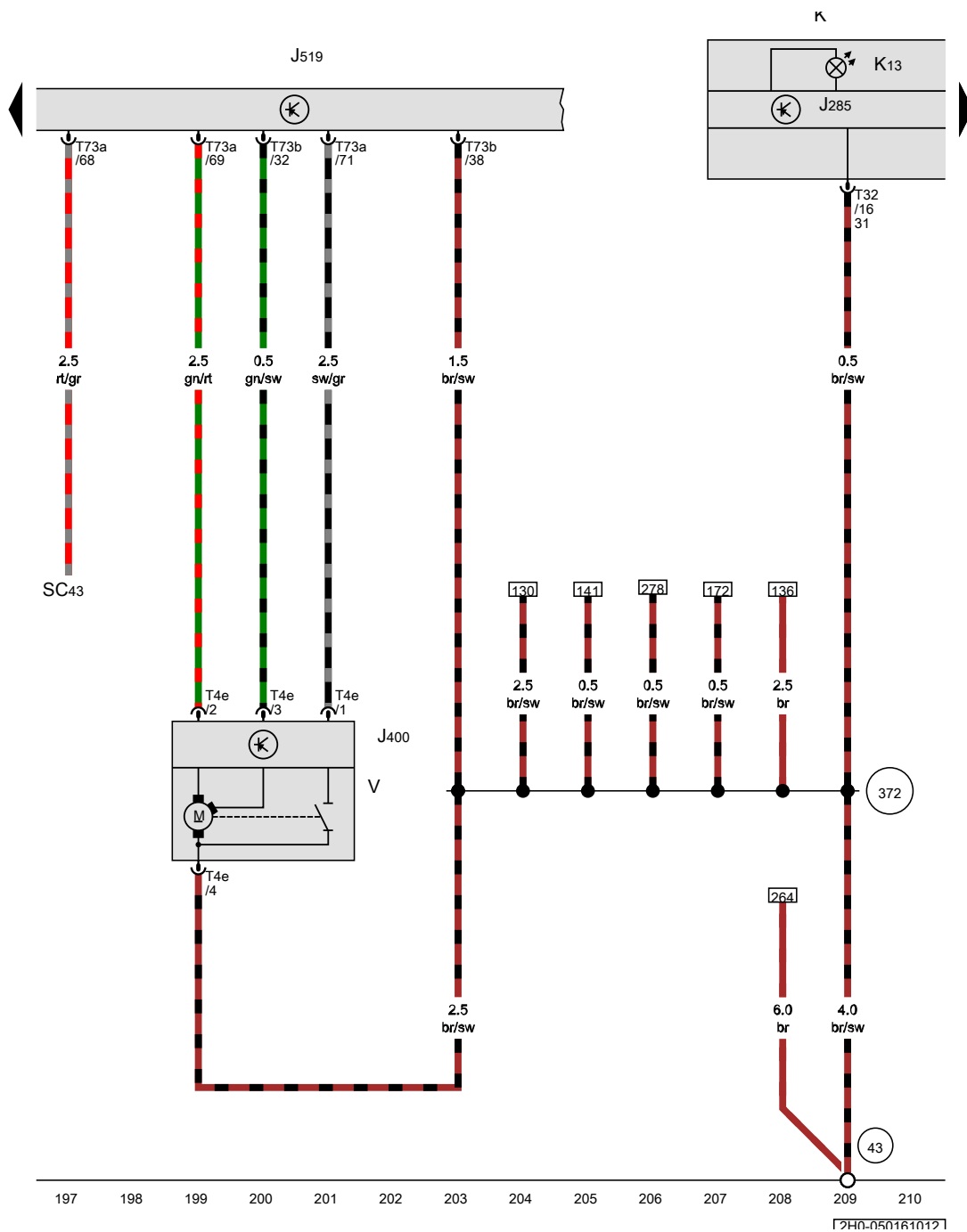
* Only models with Highline equipment

*2 Only models with Trendline equipment

*3 Only models with basic equipment



- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- B483 Connection 19, in main wiring harness

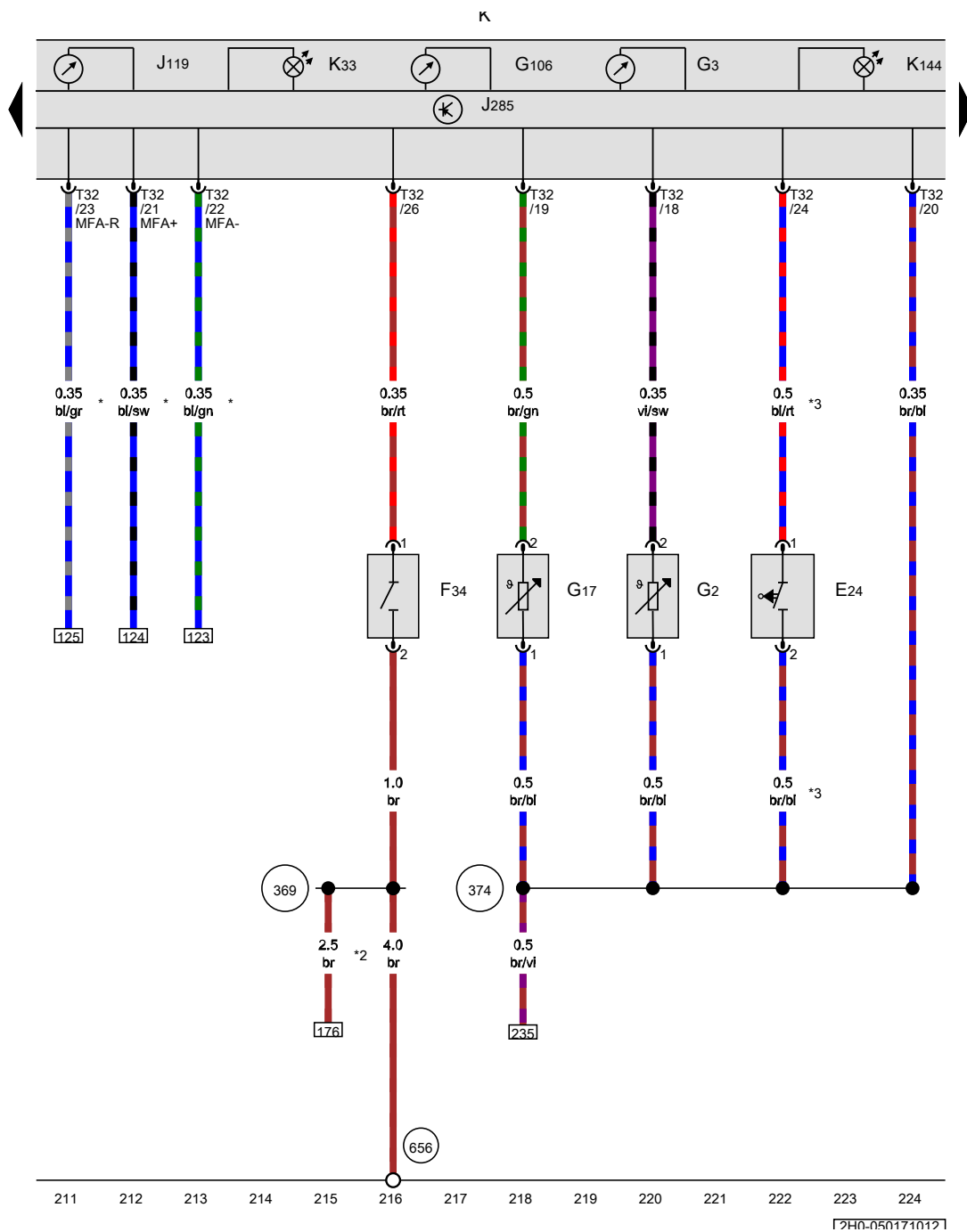


Dash panel insert, Windscreen wiper motor

- J285 Control unit in dash panel insert
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- K Dash panel insert
- K13 Rear fog light warning lamp
- SC43 Fuse 43 on fuse holder C
- T4e 4-pin connector, black
- T32 32-pin connector, blue
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness

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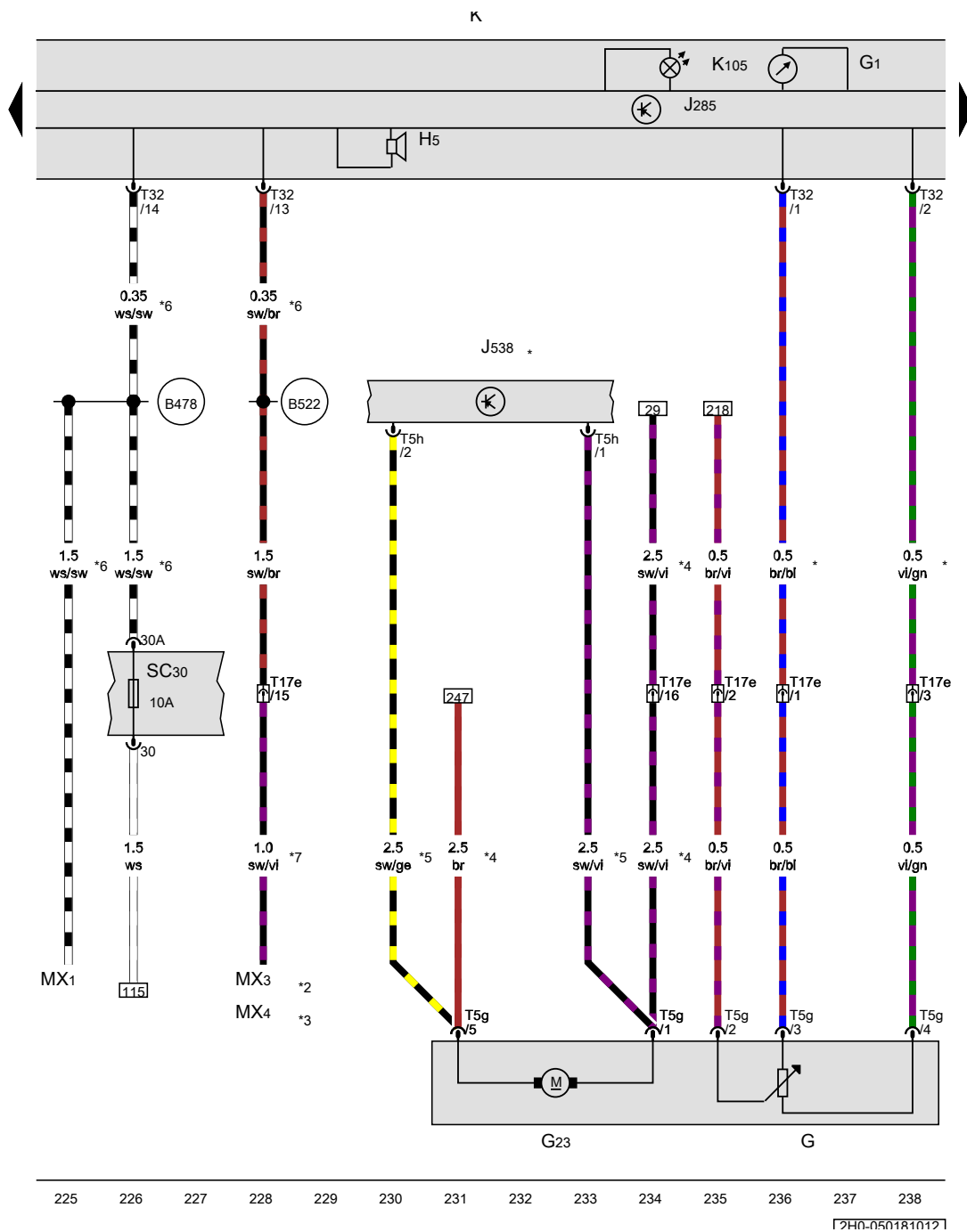


Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

- E24 Driver side belt switch
- F34 Brake fluid level warning contact
- G2 Coolant temperature display sender
- G3 Coolant temperature gauge
- G17 Ambient temperature sensor
- G106 Ambient temperature indicator
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K33 Brake fluid level warning lamp
- K144 Driver side airbag deactivated warning lamp
- T32 32-pin connector, blue

- 369 Earth connection 4, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead

- * Only models with multifunction display
- *2 Only models with basic equipment
- *3 Only models with no airbag



Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

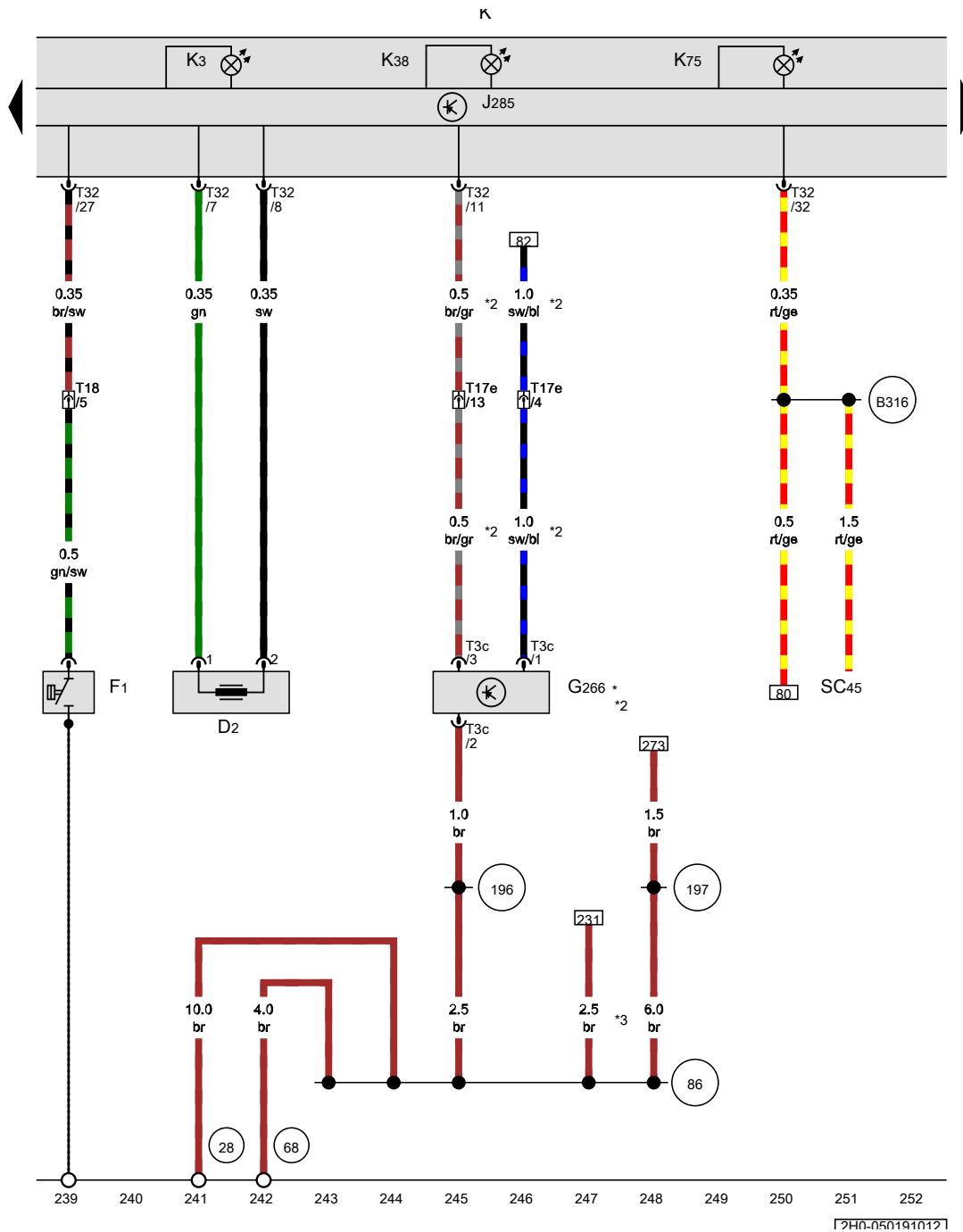
- G Fuel gauge sender
- G1 Fuel gauge
- G23 Fuel pump
- H5 Ignition and starter key warning system buzzer and gong
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K105 Reserve fuel warning lamp
- MX1 Front left headlight
- MX3 Left tail light
- MX4 Right tail light
- SC30 Fuse 30 on fuse holder C
- T5g 5-pin connector, black
- T5h 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

B478 Connection 14, in main wiring harness

B522 Connection (FL), in main wiring harness

- * see applicable current flow diagram for engine
- *2 Left-hand drive models
- *3 Only right-hand drive models
- *4 Only models with diesel engine
- *5 Only models with petrol engine
- *6 Only models with no start/stop system
- *7 Only models with no towing bracket

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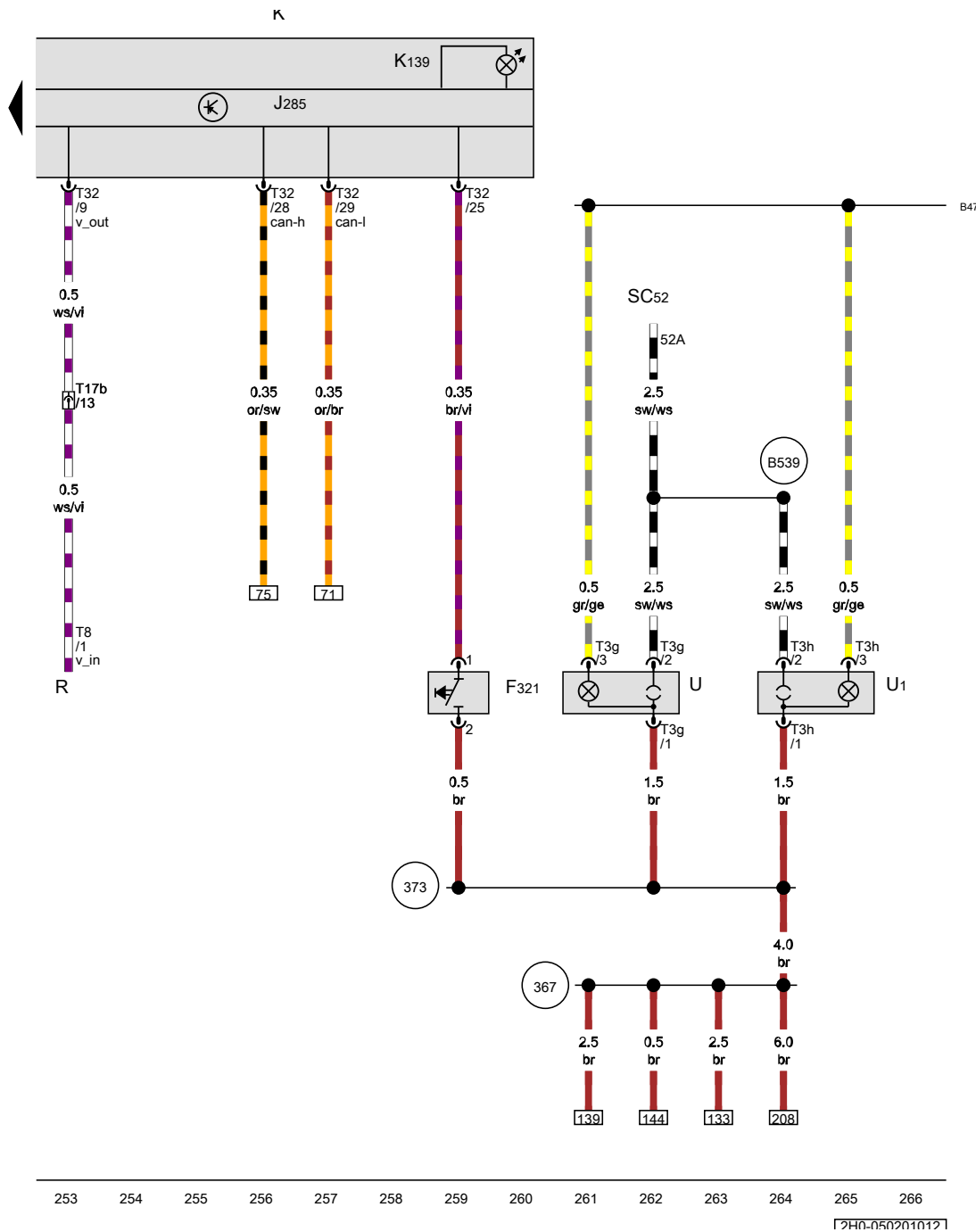
Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

- D2 Immobiliser reader coil, on ignition/starter switch
- F1 Oil pressure switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- K75 Airbag warning lamp
- SC45 Fuse 45 on fuse holder C
- T3c 3-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- B316 Positive connection 2 (30a) in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with Euro 5 emission standard
- *3 Only models with diesel engine

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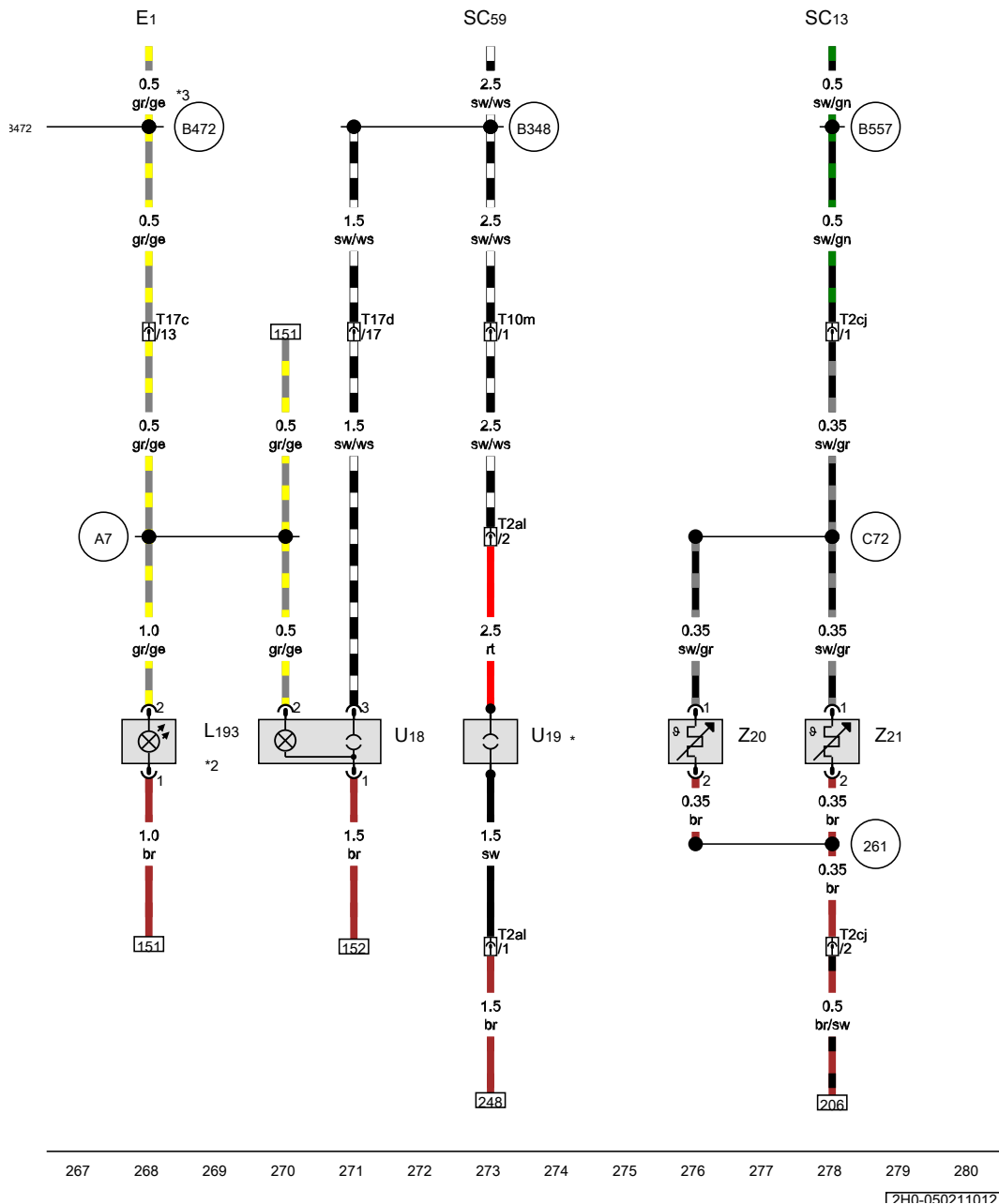
**Parking brake contact switch, Dash panel insert, Radio,
Electric socket, Cigarette lighter**

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K139	Handbrake warning lamp
R	Radio
SC52	Fuse 52 on fuse holder C
T3g	3-pin connector, grey
T3h	3-pin connector, transparent
T8	8-pin connector, brown
T17b	17-pin connector, on left under dash panel, brown
T32	32-pin connector, blue
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module

- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B472 Connection 8, in main wiring harness
- B539 Connection 30, in main wiring harness

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Light switch, Light 1 for front centre console background lighting, 12 V socket 2, Left washer jet heater element



- E1 Light switch
- L193 Light 1 for front centre console background lighting, in dash panel
- SC13 Fuse 13 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing, black
- T2cj 2-pin connector, near window wiper motor, black
- T10m 10-pin connector, near handbrake lever, brown
- T17c 17-pin connector, on left under dash panel, black
- T17d 17-pin connector, on left under dash panel, red
- U18 12 V socket 2, in centre of dash panel, in storage compartment
- U19 12 V socket 3, on left wheel housing
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 261 Earth connection, in heated washer jet wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B348 Connection 1 (75a), in main wiring harness
- B472 Connection 8, in main wiring harness
- B557 Positive connection 21 (30a) in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * Special equipment
- *2 Only models with Highline equipment
- *3 see applicable current flow diagram

CAN and LIN bus networking, powertrain CAN, diagnosis CAN, dash panel CAN, convenience CAN

From June 2012

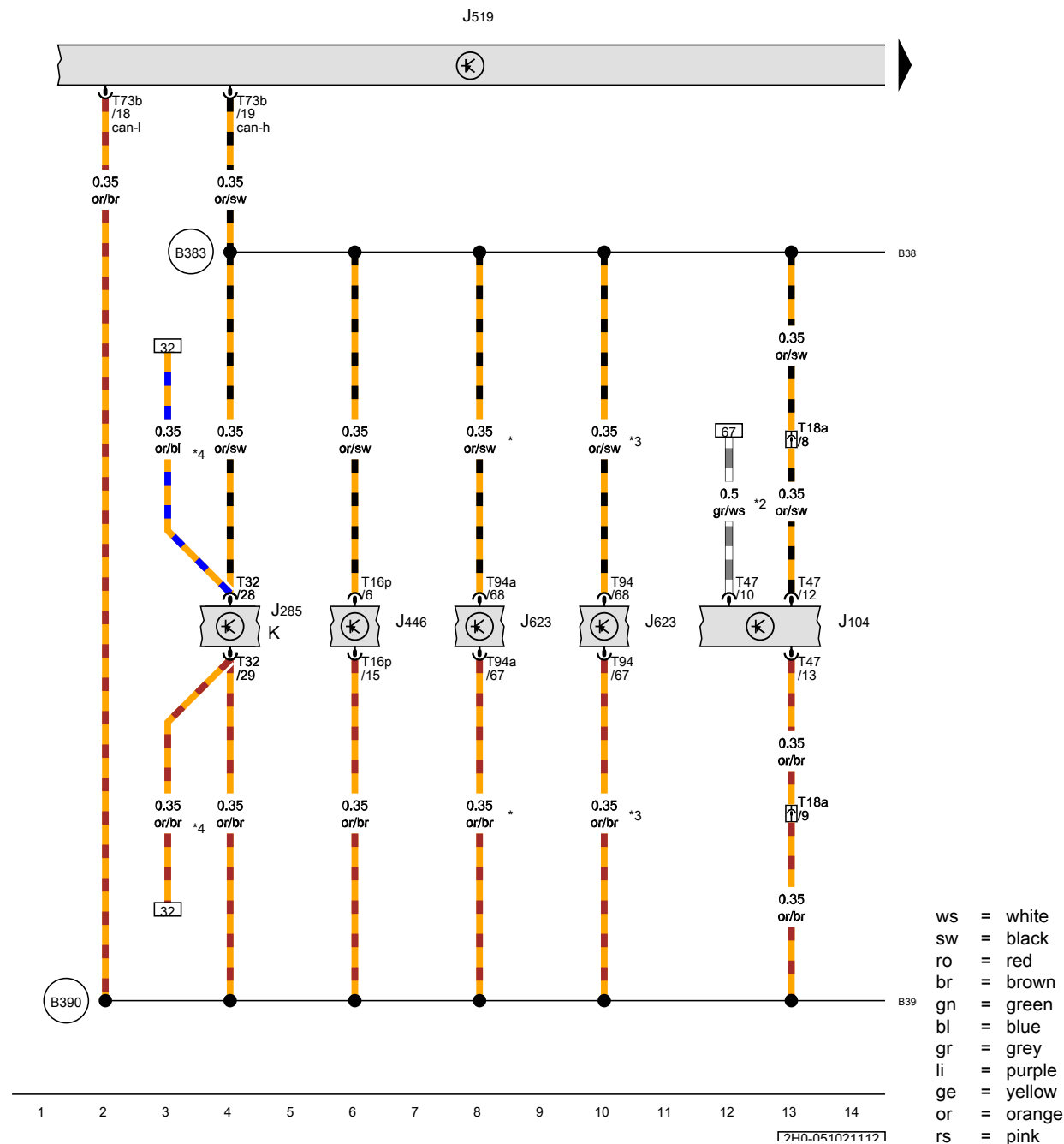
Onboard supply control unit

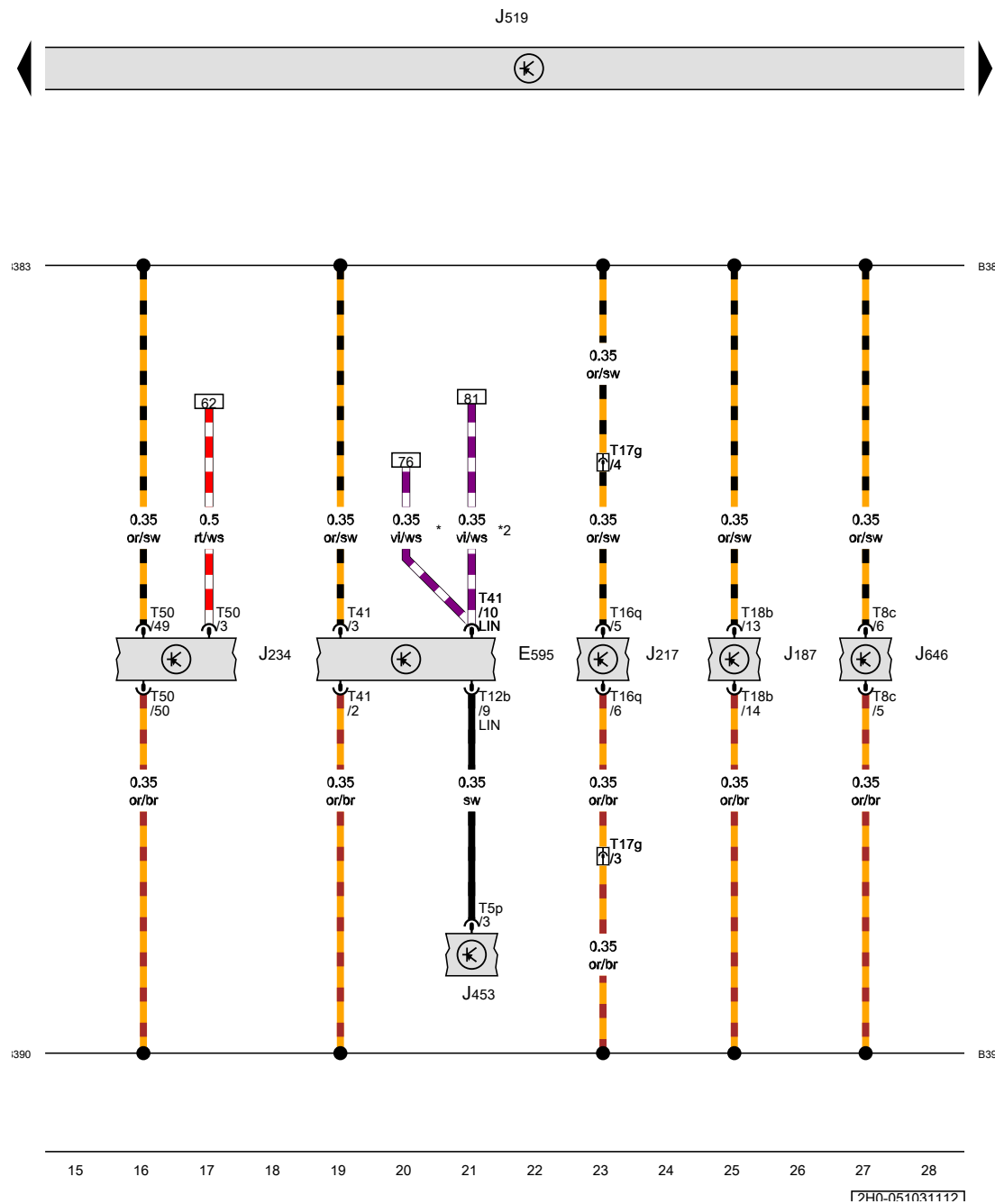
- J104 ABS control unit
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- J519 Onboard supply control unit, near driver side A-pillar
- J623 Engine control unit
- K Dash panel insert
- T16p 16-pin connector, brown
- T18a 18-pin connector, near battery, grey
- T32 32-pin connector, blue
- T47 47-pin connector, black
- T73b 73-pin connector, colourless
- T94 94-pin connector, black
- T94a 94-pin connector, black

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

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

- * Only models with diesel engine
- *2 Gradually discontinued
- *3 Only models with petrol engine
- *4 Only models with automatic driving lights control





Onboard supply control unit

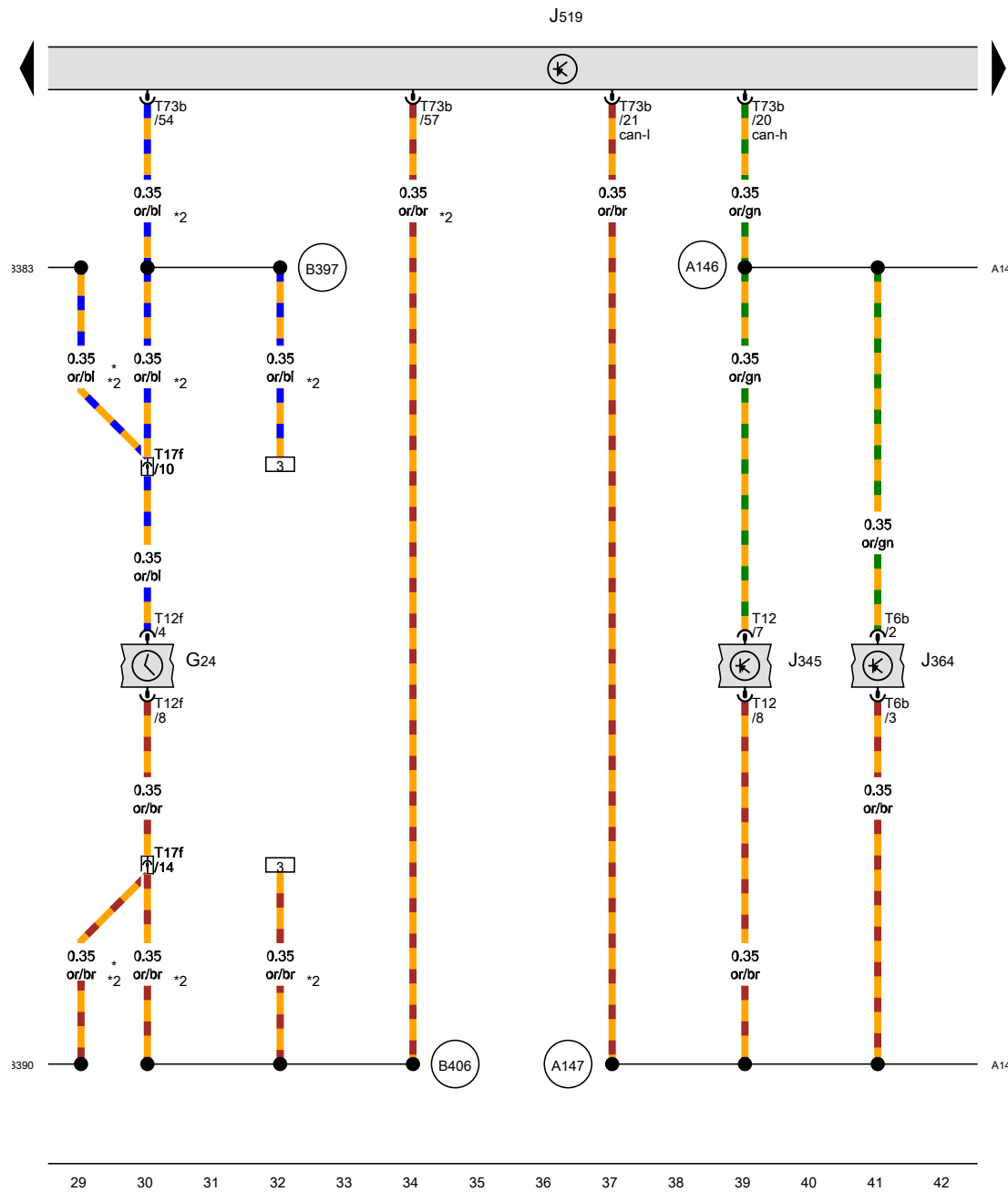
- E595 Steering column combination switch
- J187 Differential lock control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J519 Onboard supply control unit, near driver side A-pillar
- J646 Transfer box control unit
- T5p 5-pin connector, black
- T8c 8-pin connector, black
- T12b 12-pin connector, yellow
- T16q 16-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T18b 18-pin connector, black
- T41 41-pin connector, grey
- T50 50-pin connector, yellow

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 electric window regulators

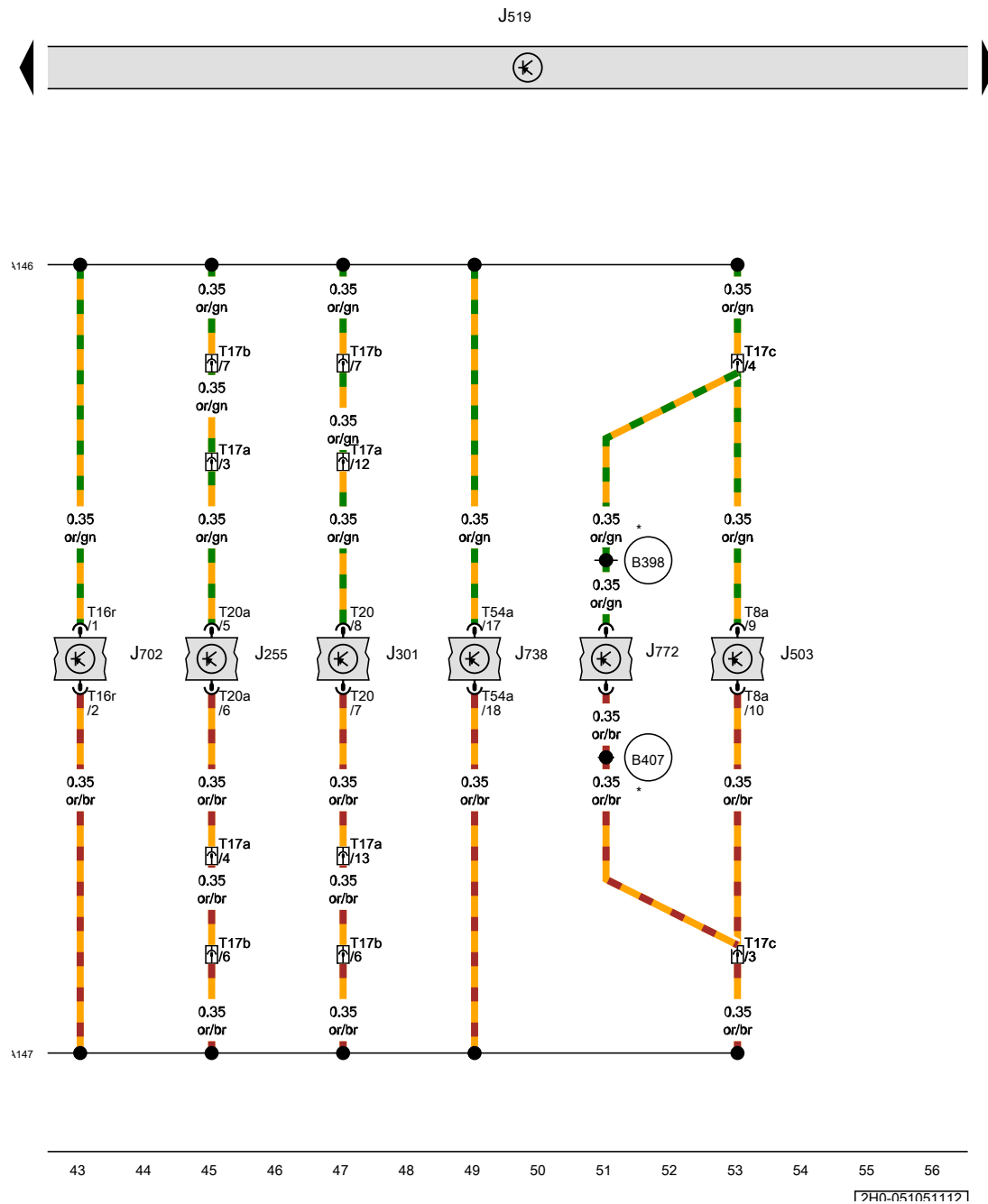
*2 Only models with manual window regulators



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Onboard supply control unit

- G24 Tachograph
- J345 Trailer detector control unit, on left under dash panel
- J364 Auxiliary heater control unit
- J519 Onboard supply control unit, near driver side A-pillar
- T6b 6-pin connector, black
- T12 12-pin connector, red
- T12f 12-pin connector, black
- T17f 17-pin connector, behind glove compartment, black
- T73b 73-pin connector, colourless
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * Only models with no start/stop system
- *2 Only models with automatic driving lights control



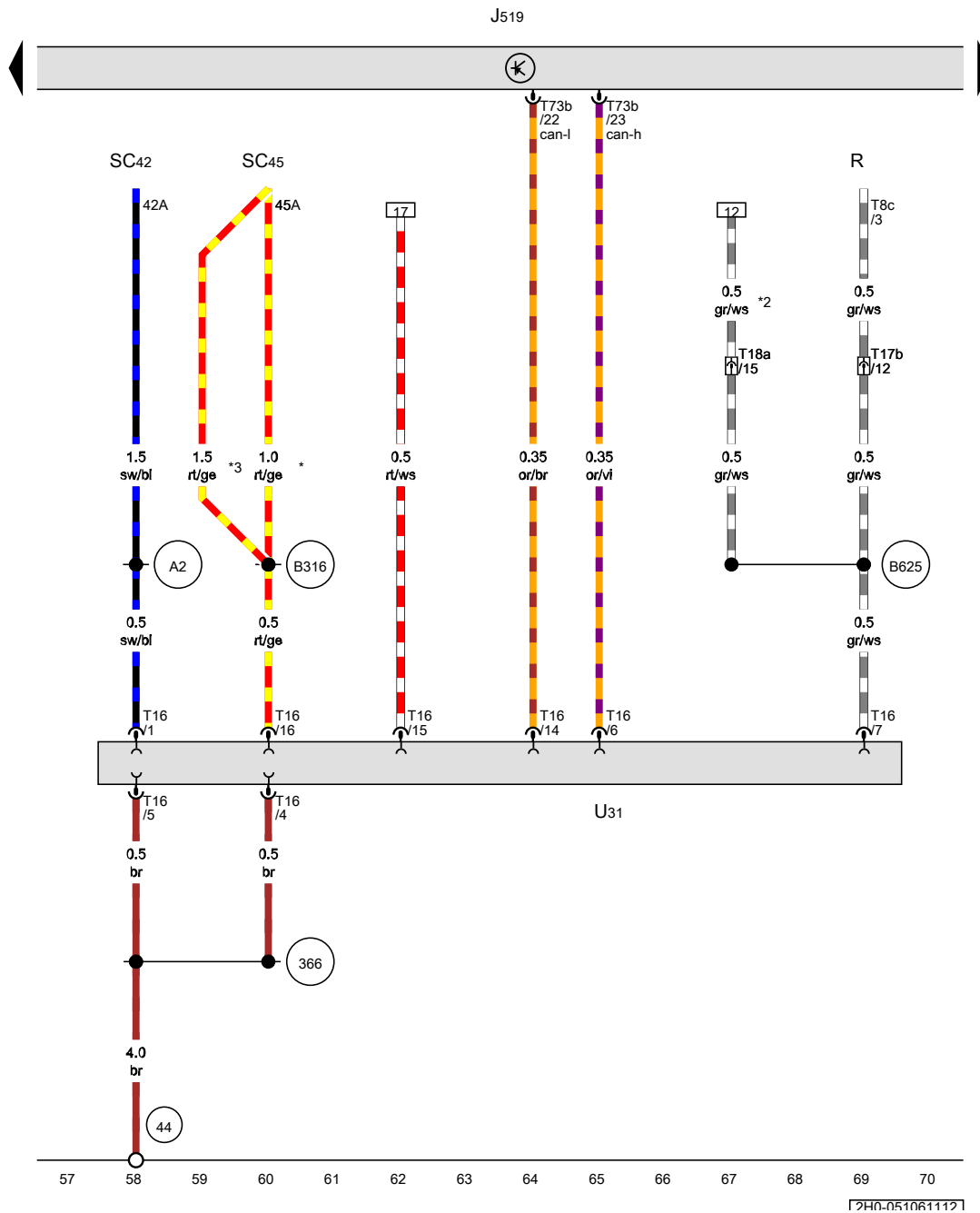
Onboard supply control unit

- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit, near driver side A-pillar
- J702 Roof display unit, near front interior light
- J738 Telephone controls control unit, under centre console
- J772 Reversing camera system control unit
- T8a 8-pin connector, black
- T16r 16-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on left under dash panel, brown
- T17c 17-pin connector, on left under dash panel
- T20 20-pin connector, black
- T20a 20-pin connector, black
- T54a 54-pin connector

- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only models with reversing camera system

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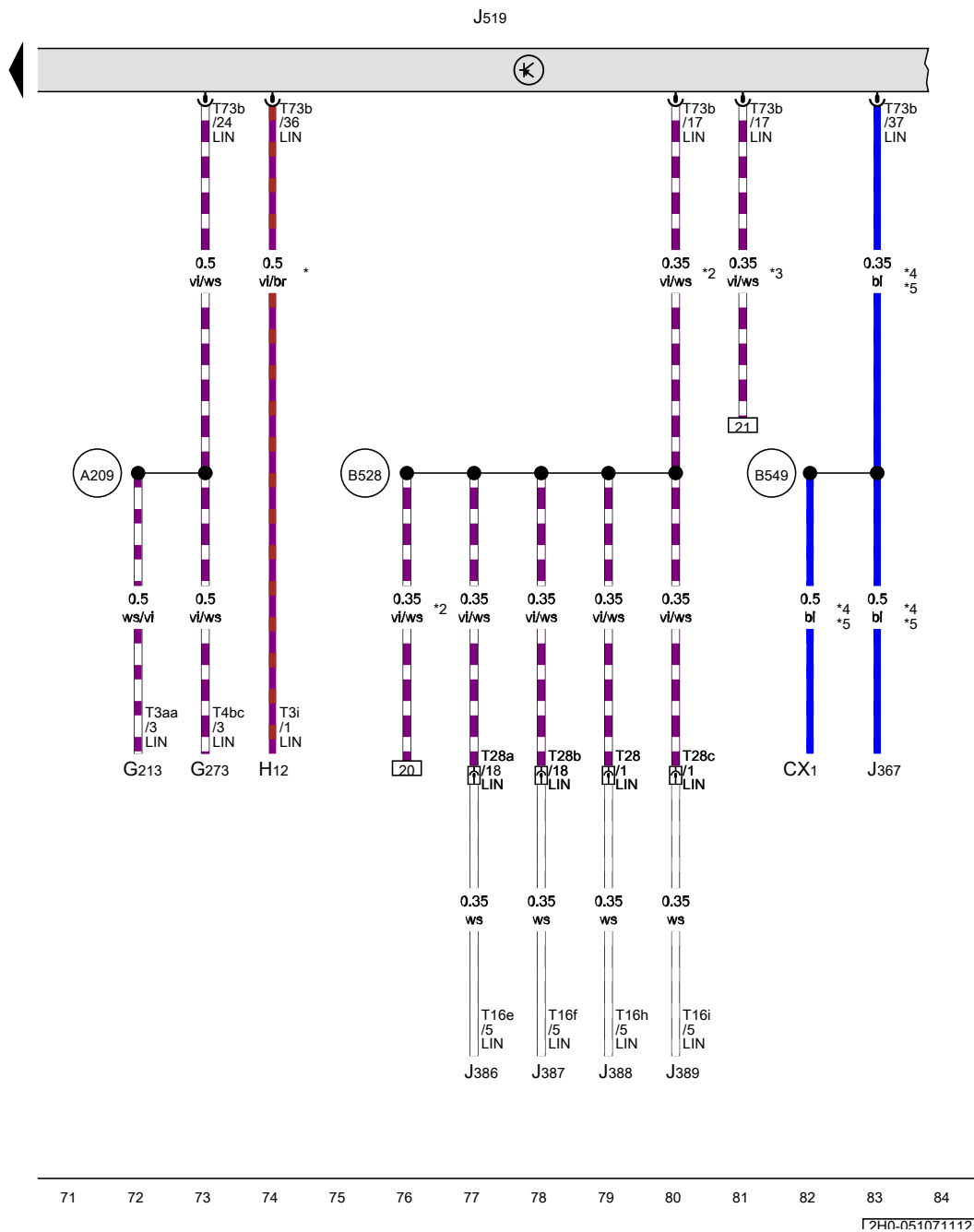
Onboard supply control unit, Diagnostic connection

- J519 Onboard supply control unit, near driver side A-pillar
- R Radio
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T8c 8-pin connector
- T16 16-pin connector
- T17b 17-pin connector, on left under dash panel, brown
- T18a 18-pin connector, near battery, grey
- T73b 73-pin connector, colourless
- U31 Diagnostic connection, near lower part of right A-pillar

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness

- * From February 2013
- *2 Gradually discontinued
- *3 Up to January 2013

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Onboard supply control unit

- CX1 Alternator with voltage regulator
- G213 Rain sensor, near interior mirror
- G273 Interior monitoring sensor
- H12 Alarm horn
- J367 Battery monitor control unit
- J386 Driver door control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- T3aa 3-pin connector, black
- T3i 3-pin connector
- T4bc 4-pin connector
- T16e 16-pin connector
- T16f 16-pin connector, black
- T16h 16-pin connector, black
- T16i 16-pin connector, black
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T73b 73-pin connector, colourless

A209 Connection 1 (LIN bus) in dash panel wiring harness

B528 Connection 1 (LIN bus) in main wiring harness

B549 Connection 2 (LIN bus) in main wiring harness

- * For models with anti-theft alarm system
- *2 Only models with electric window regulators
- *3 Only models with manual window regulators
- *4 Only models with stop/start system
- *5 see applicable current flow diagram for engine

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Airbag systems

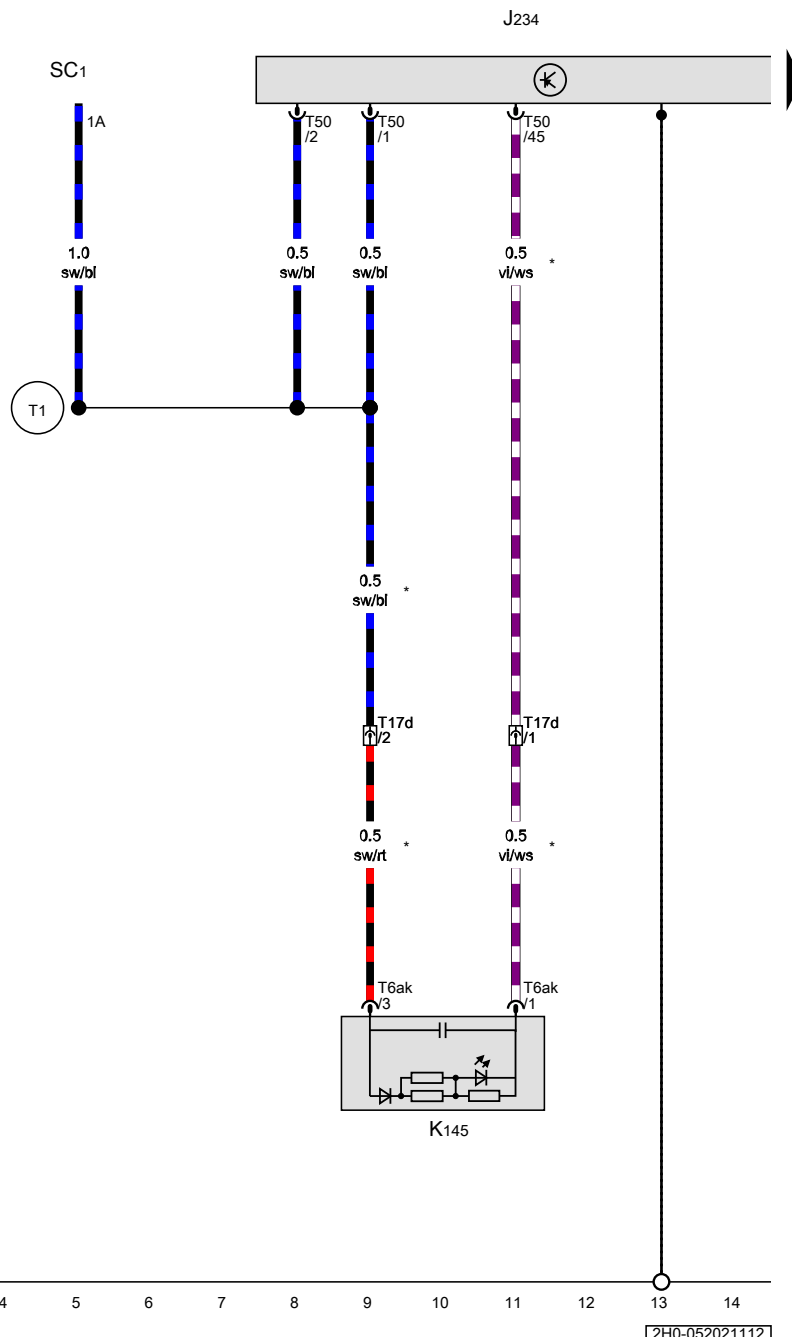
From June 2012

Airbag control unit, Front passenger side airbag deactivated warning lamp, Fuse 1 on fuse holder C

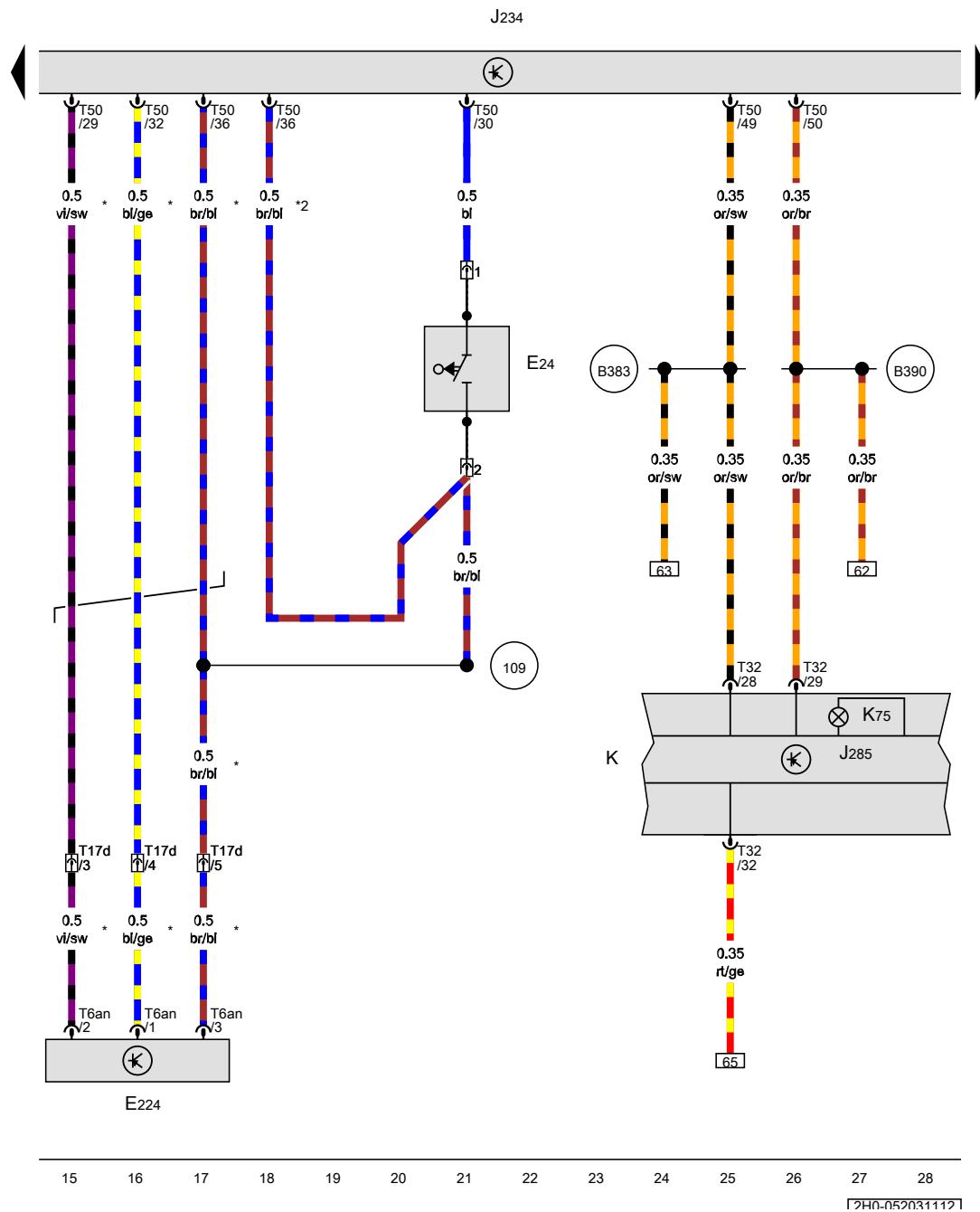
- J234 Airbag control unit, under centre console
 K145 Front passenger side airbag deactivated warning lamp, near radio
 SC1 Fuse 1 on fuse holder C
 T6ak 6-pin connector, white
 T17d 17-pin connector, on left under dash panel
 T50 50-pin connector, green

T1 Positive connection 1, in airbag wiring harness

* Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor

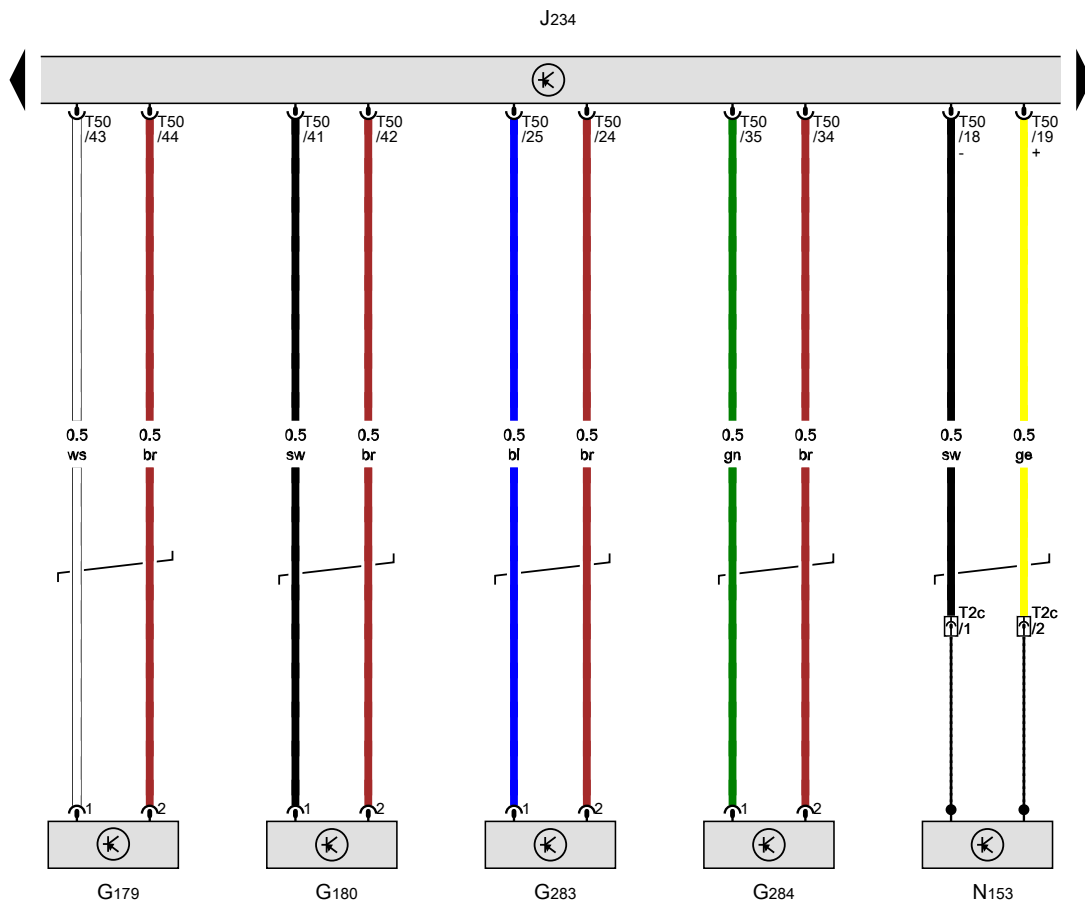


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Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Dash panel insert

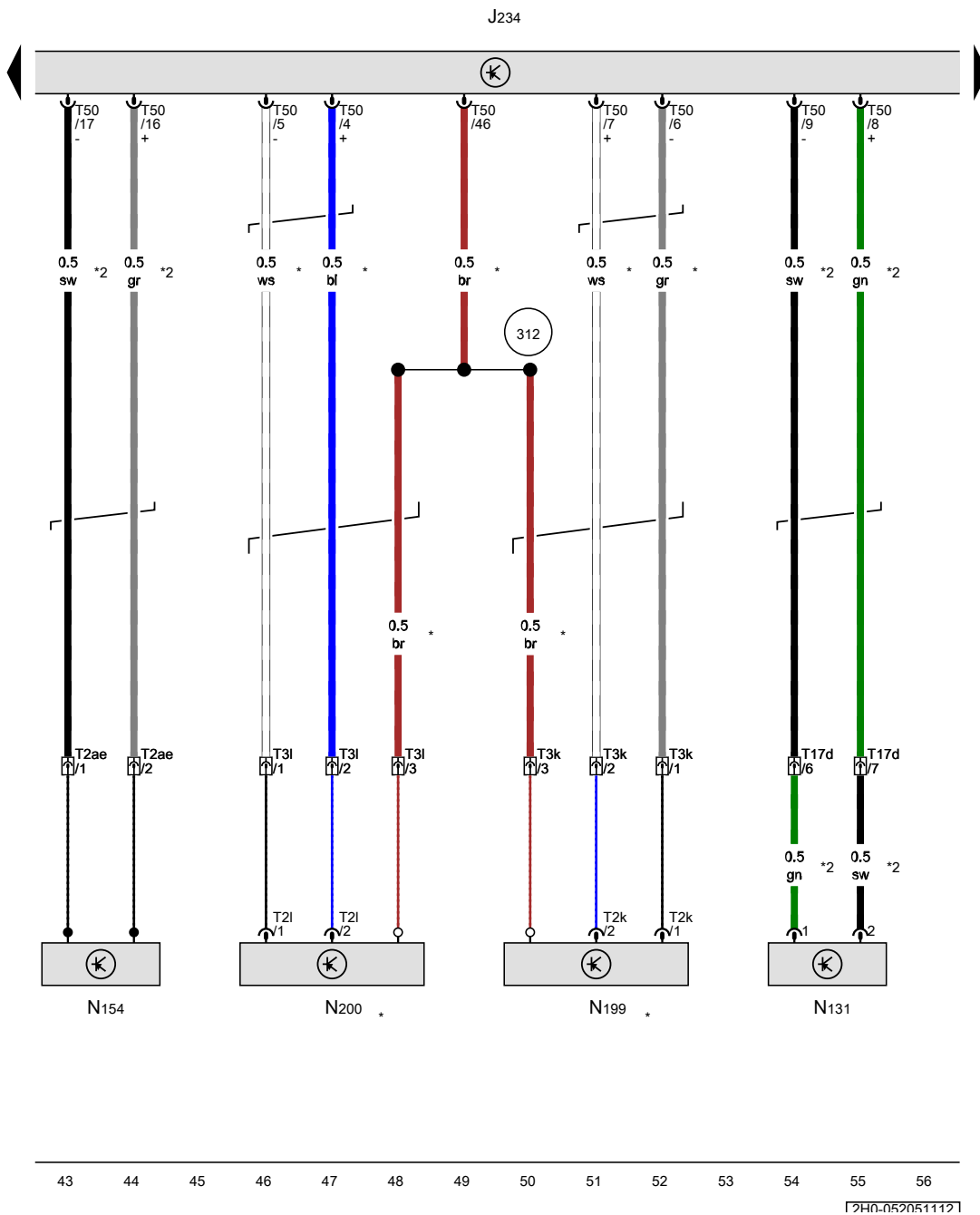
- E24 Driver side belt switch
- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit, under centre console
- J285 Control unit in dash panel insert
- K Dash panel insert
- K75 Airbag warning lamp
- T2yasx 2-pin connector, black
- T6an 6-pin connector, black
- T17d 17-pin connector, on left under dash panel
- T32 32-pin connector, blue
- T50 50-pin connector, green
- 109 Earth connection, in airbag wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
- *2 Only models with no side airbag, no front passenger airbag and no key operated switch



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

- G179 Side airbag crash sensor on driver side, on left B-pillar
- G180 Side airbag crash sensor on front passenger side, on right B-pillar
- G283 Front airbag crash sensor for driver side, near left headlight
- G284 Front airbag crash sensor for front passenger side, near right headlight
- J234 Airbag control unit, under centre console
- N153 Driver seat belt tensioner igniter 1
- T2c 2-pin connector, yellow
- T50 50-pin connector, green

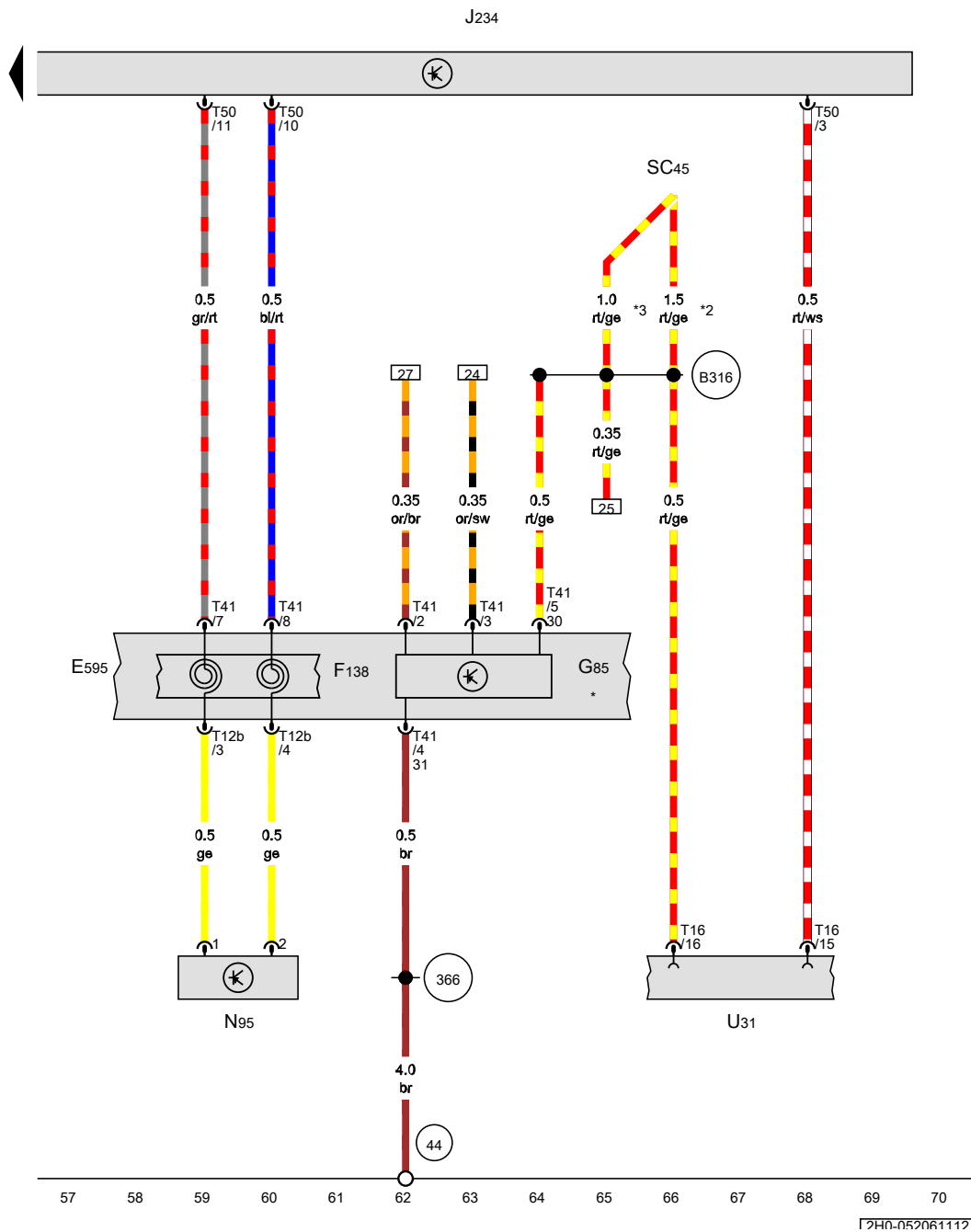
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- li = purple
- ge = yellow
- or = orange
- rs = pink



Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- J234 Airbag control unit, under centre console
- N131 Front passenger side airbag igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2ae 2-pin connector, yellow
- T2k 2-pin connector, black
- T2l 2-pin connector, black
- T3k 3-pin connector, under driver seat, yellow
- T3l 3-pin connector, Coupling point under front passenger seat, yellow
- T17d 17-pin connector, on left under dash panel
- T50 50-pin connector, green
- 312 Earth connection 2, in airbag wiring harness
- * Only models with front head-thorax airbag
- *2 Only models with front passenger airbag

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- J234 Airbag control unit, under centre console
- N95 Driver side airbag igniter
- SC45 Fuse 45 on fuse holder C
- T12b 12-pin connector, yellow
- T16 16-pin connector, black
- T41 41-pin connector, grey
- T50 50-pin connector, green
- U31 Diagnostic connection, near driver side A-pillar

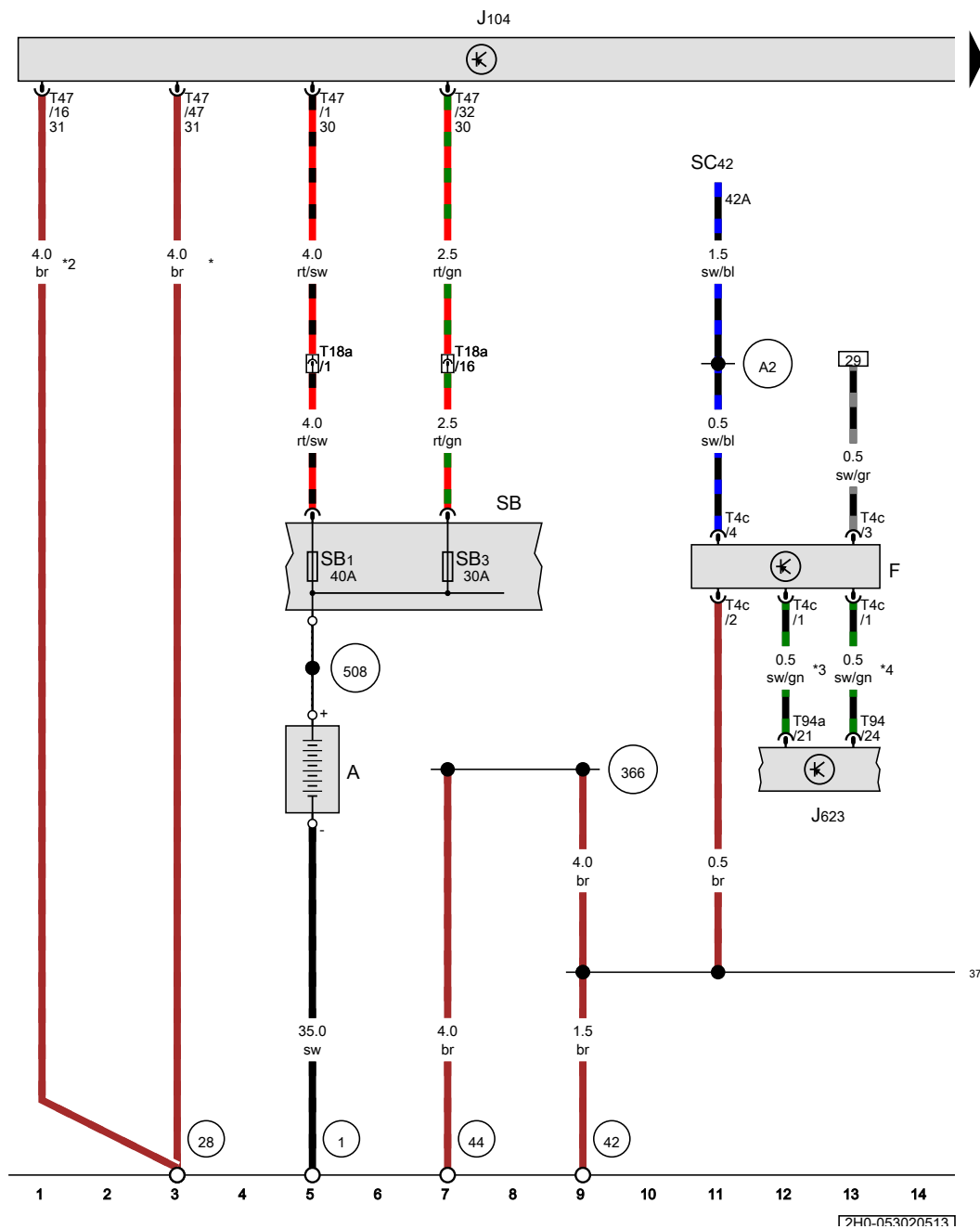
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness

- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
- *2 Up to January 2013
- *3 From February 2013

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

From June 2012

Brake light switch, ABS control unit, Fuse holder B, Fuse 1 on fuse holder B



- A Battery
- F Brake light switch
- J104 ABS control unit
- J623 Engine control unit
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector, black
- T18a 18-pin connector, grey, near engine control unit
- T47 47-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black

- 1 Earth strap, battery - body
 - 28 Earth point, on bulkhead
 - 42 Earth point, next to steering column
 - 44 Earth point, lower part of left A-pillar
 - 366 Earth connection 1, in main wiring harness
 - 371 Earth connection 6, in main wiring harness
 - 508 Threaded connection (30) on E-box
 - A2 Positive connection (15), in dash panel wiring harness
- * Only models with no ESP
 *2 Only models with electronic stabilisation program (ESP)
 *3 Only models with diesel engine
 *4 Only models with petrol engine

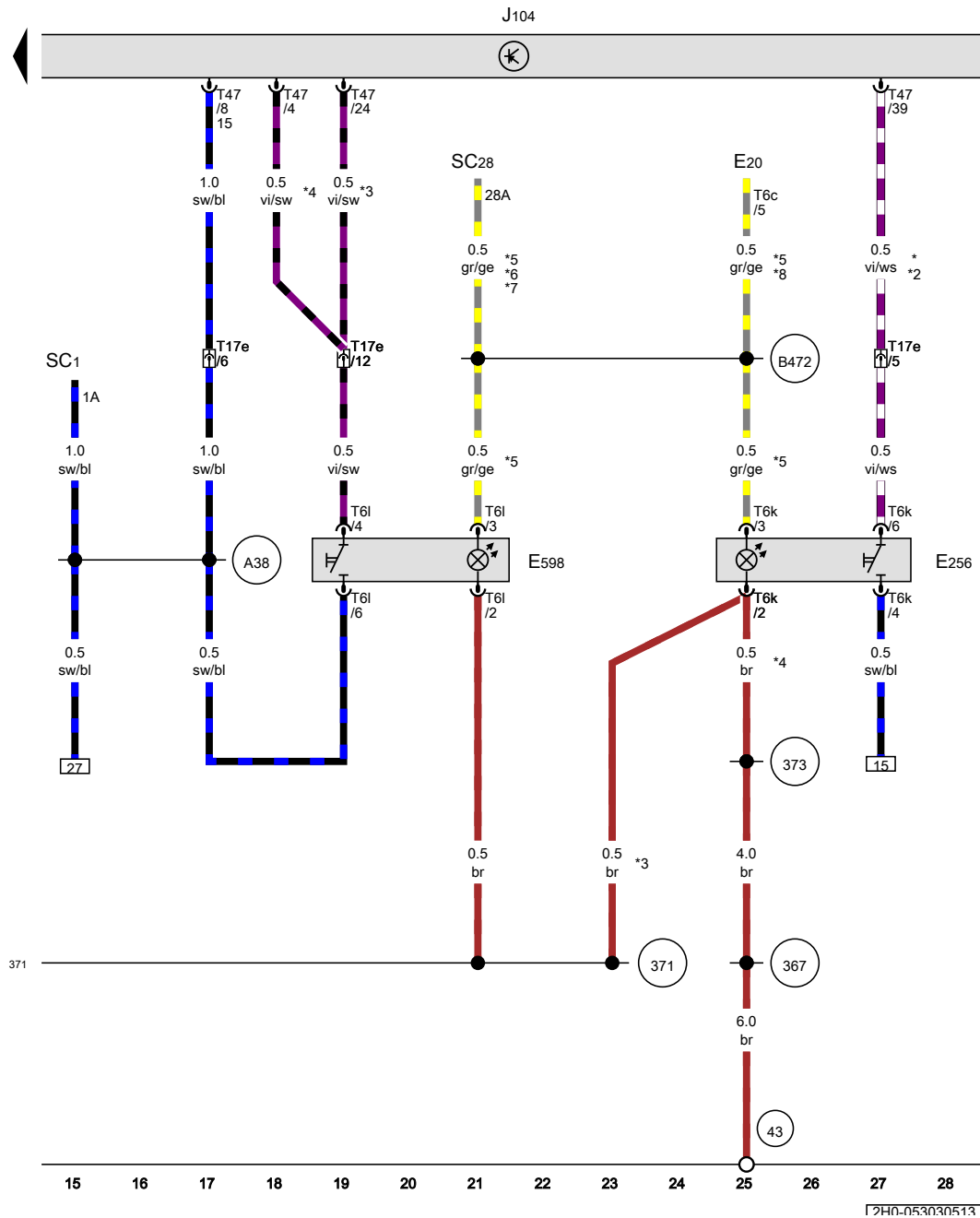
TCS and ESP button, Driving program button, ABS control unit, Fuse 1 on fuse holder C

E20	Switch and instrument illumination regulator
E256	TCS and ESP button
E598	Driving program button
J104	ABS control unit
SC1	Fuse 1 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector, black
T6k	6-pin connector, grey, black
T6l	6-pin connector, red
T17e	17-pin connector, red, near handbrake lever
T47	47-pin connector, black

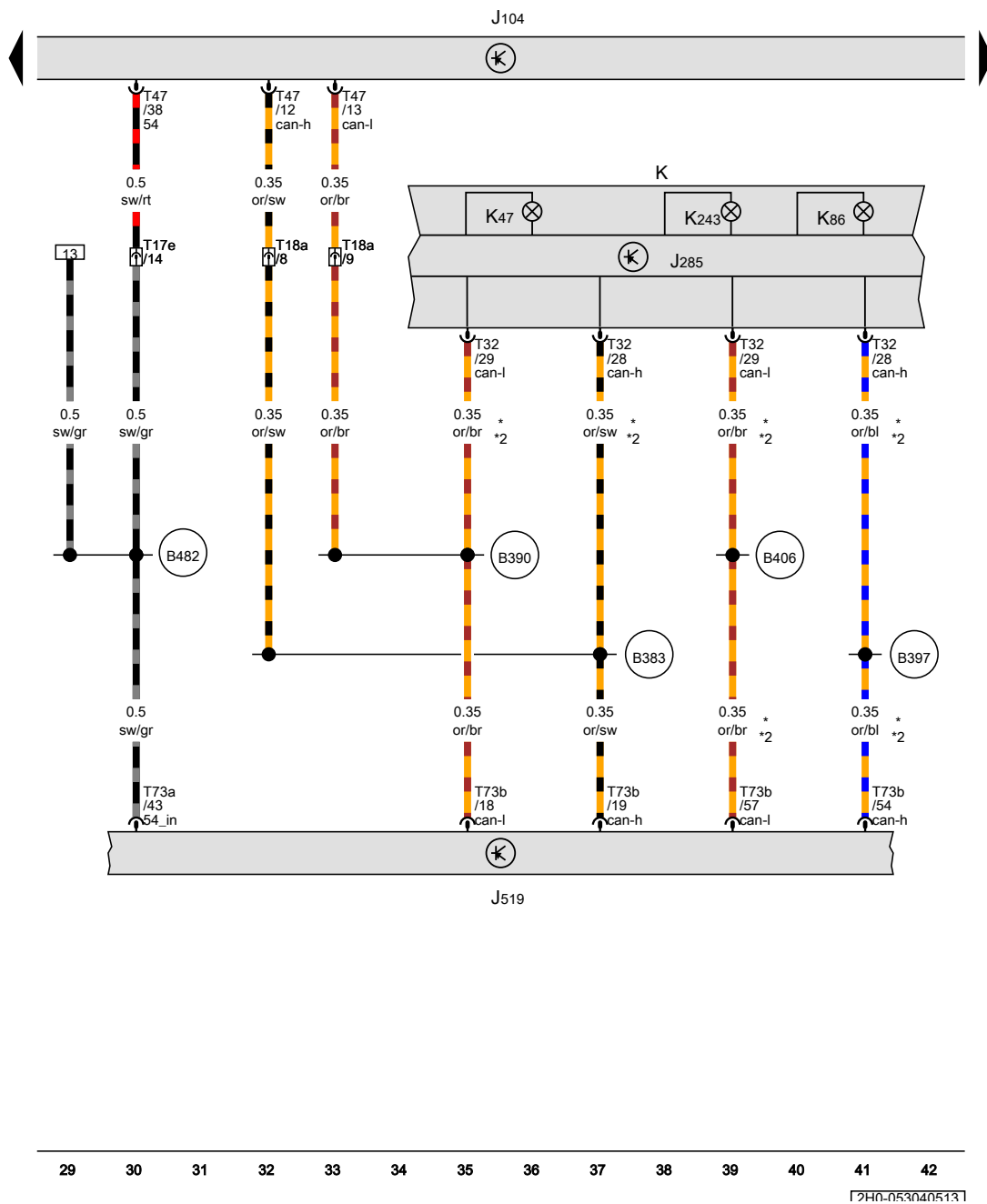
- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B472 Connection 8, in main wiring harness

- * with auxiliary drive (part time)
- *2 with no auxiliary drive
- *3 Only models with electronic stabilisation program (ESP)
- *4 Only models with no ESP
- *5 Wiring colour depends on equipment
- *6 Only models with basic equipment
- *7 Only models with Trendline equipment
- *8 Only models with Highline 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



ABS control unit, Onboard supply control unit, Dash panel insert, ABS warning lamp, Traction control system warning lamp, Driving program warning light, Driving program warning light



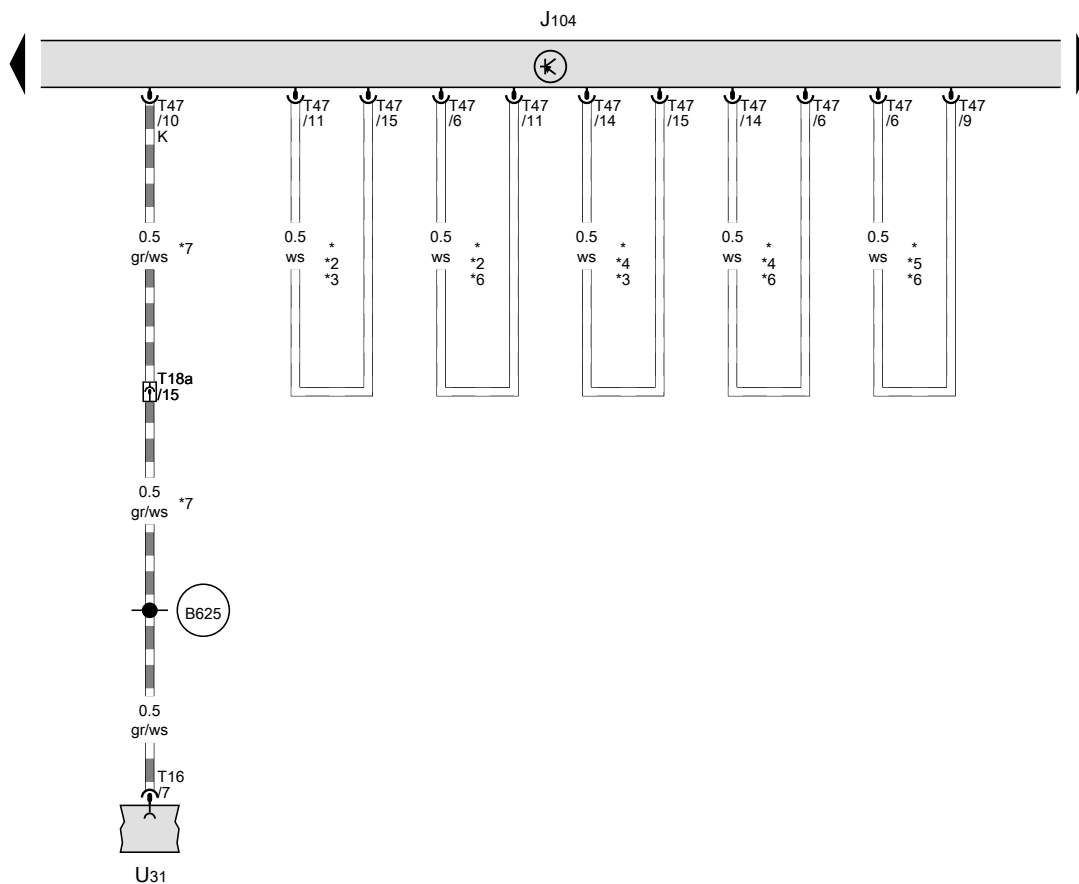
- J104 ABS control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K47 ABS warning lamp
- K86 Traction control system warning lamp
- K243 Driving program warning light
- T17e 17-pin connector, red, near handbrake lever
- T18a 18-pin connector, grey, near engine control unit
- T32 32-pin connector, blue
- T47 47-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B482 Connection 18, in main wiring harness
- * According to equipment
- *2 see applicable current flow diagram for CAN bus network

ABS control unit, Diagnostic connection

J104 ABS control unit
 T16 16-pin connector, black
 T18a 18-pin connector, grey, near engine control unit
 T47 47-pin connector, black
 U31 Diagnostic connection

B625 Connection (K-diagnosis wire), in main wiring harness

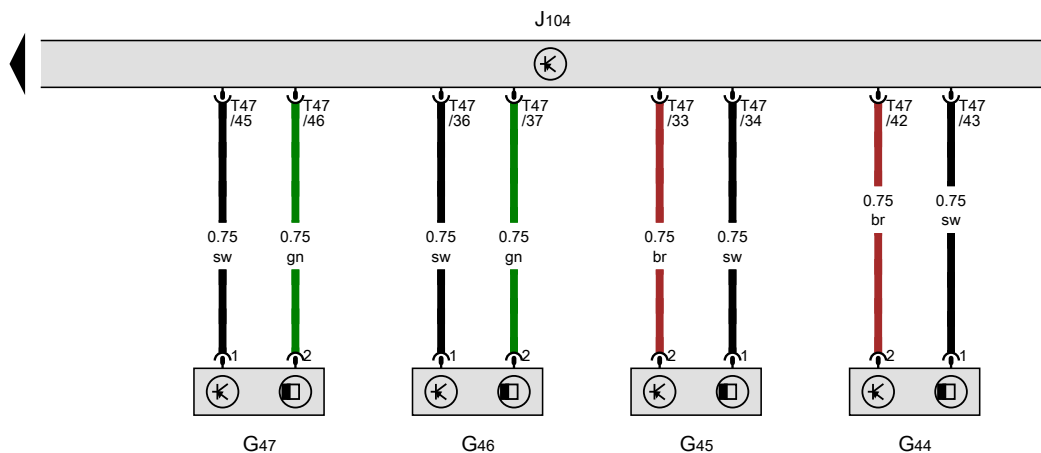
- * Only models with no ESP
- *2 with no auxiliary drive
- *3 Only models with single cab
- *4 with auxiliary drive (part time)
- *5 with auxiliary drive (Torsen)
- *6 Only models with double cab
- *7 Gradually discontinued



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

1240-053050513

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



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

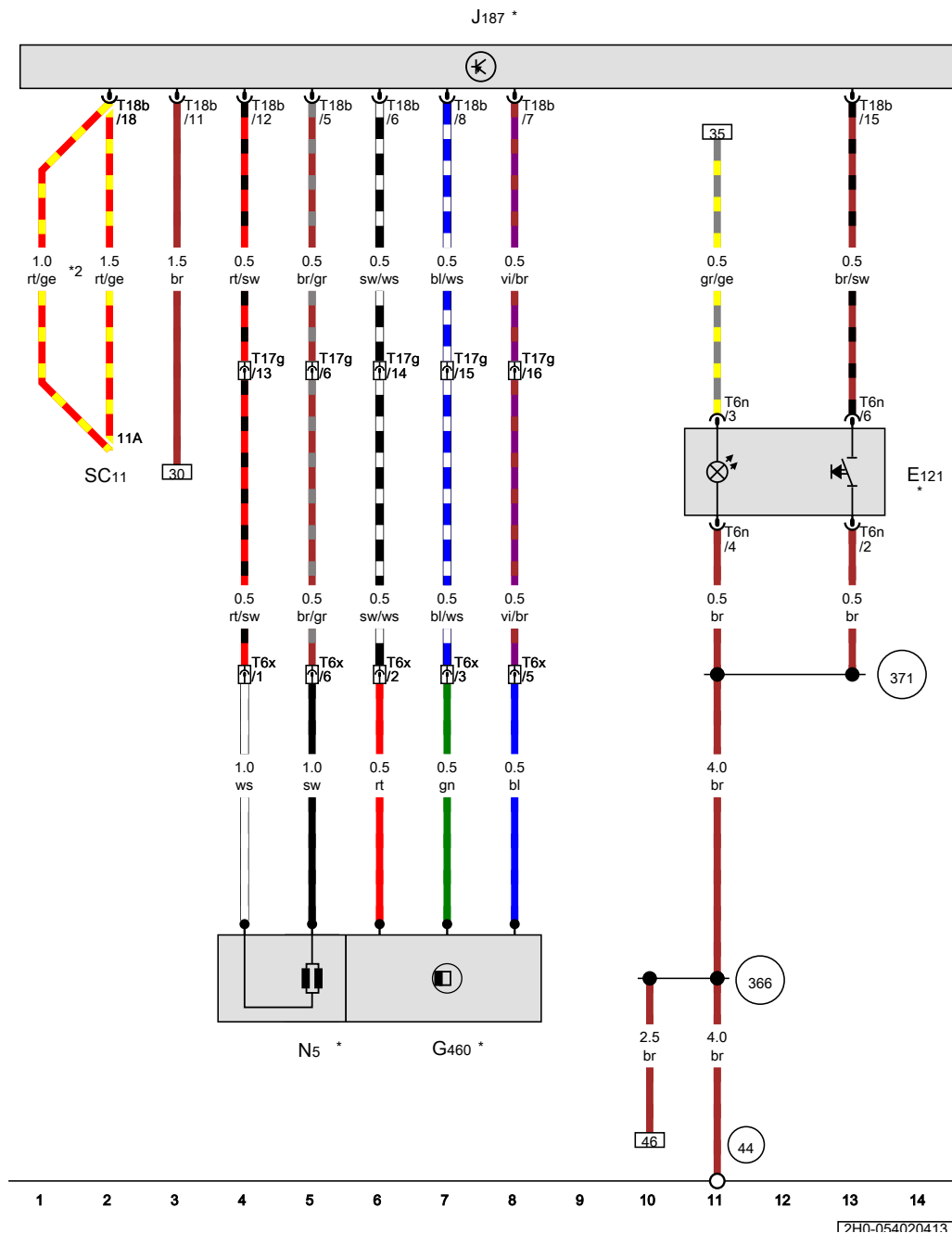
- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- T47 47-pin connector, black

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- vi = purple
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- or = orange
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All-wheel drive

From June 2012

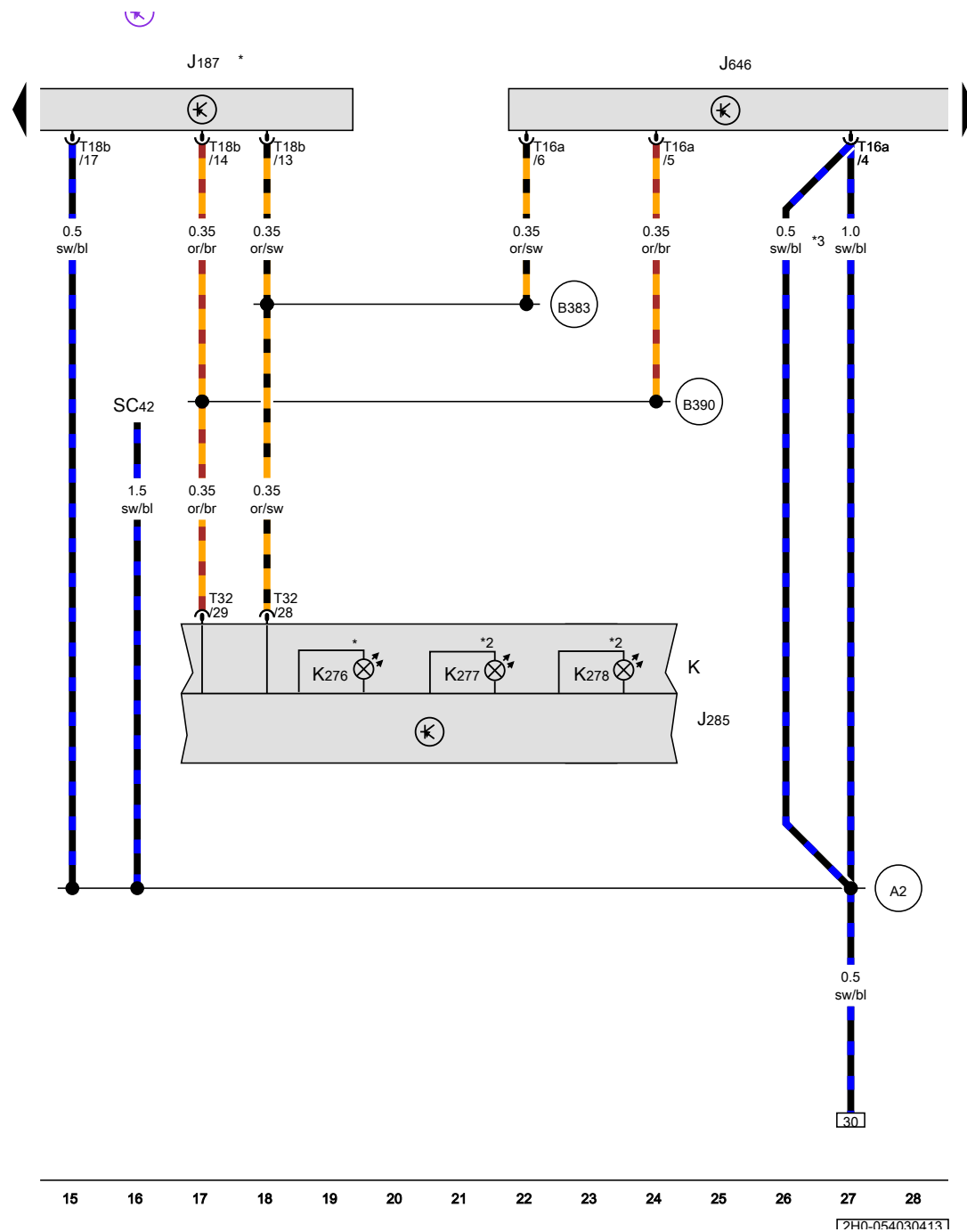
Rear differential lock switch, Axle differential lock Hall sender 1, Differential lock control unit, Control solenoid, Fuse 11 on fuse holder C



- E121 Rear differential lock switch, in centre console
- G460 Axle differential lock Hall sender 1, on rear axle, left
- J187 Differential lock control unit, in centre console, near handbrake lever
- N5 Control solenoid, on rear axle, left
- SC11 Fuse 11 on fuse holder C
- T6n 6-pin connector, brown
- T6x 6-pin connector, on rear axle, left, black
- T17g 17-pin connector, near handbrake lever, black
- T18b 18-pin connector, black

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness

* Only models with rear differential lock
*2 From February 2013



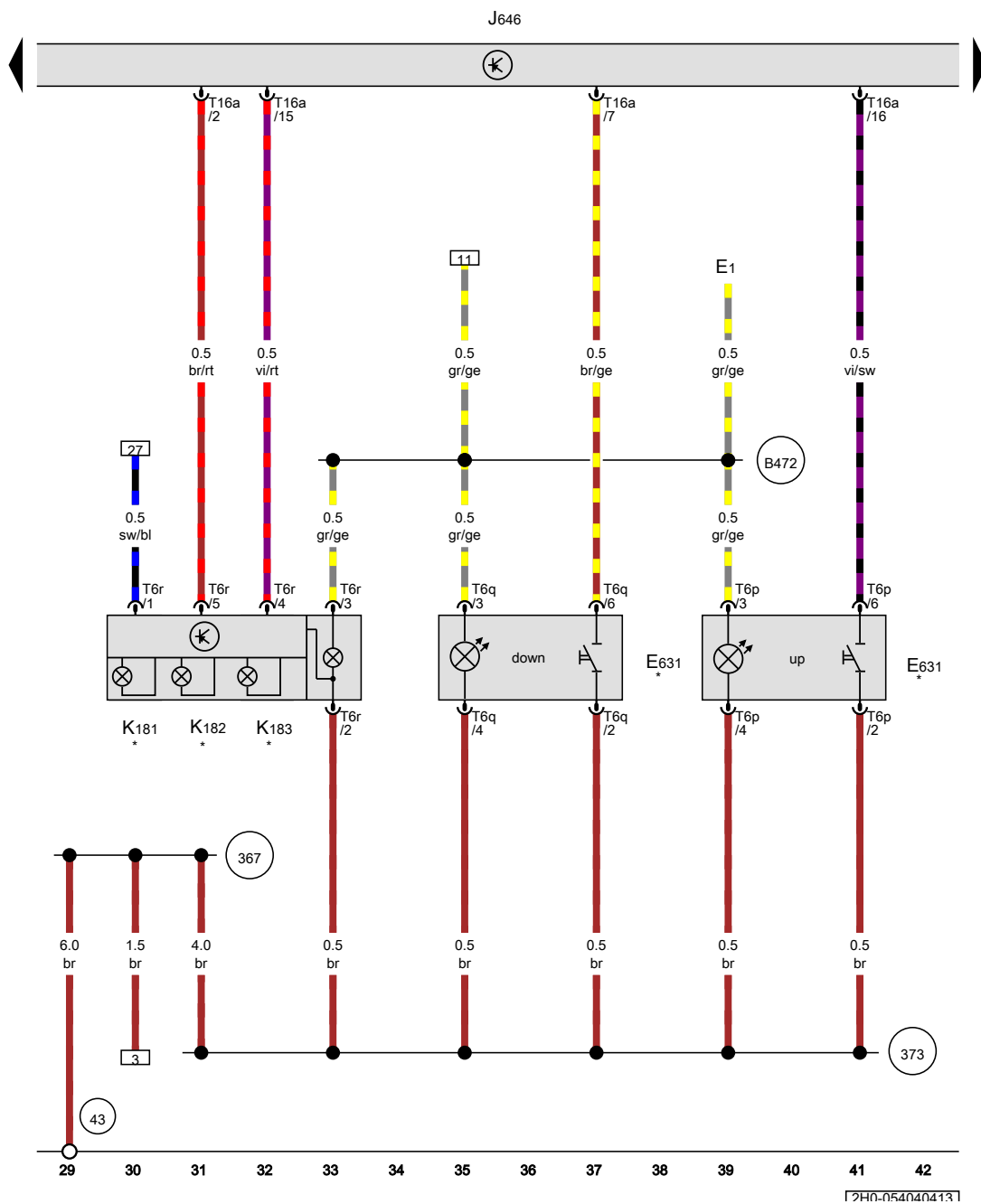
Differential lock control unit, Control unit in dash panel insert, Transfer box control unit, Rear axle differential lock warning lamp, Inter-axle lock-up warning lamp, Fuse 42 on fuse holder C

- J187 Differential lock control unit, in centre console, near handbrake lever
- J285 Control unit in dash panel insert
- J646 Transfer box control unit
- K Dash panel insert
- K276 Rear axle differential lock warning lamp
- K277 Reduction gearing warning lamp
- K278 Inter-axle lock-up warning lamp
- SC42 Fuse 42 on fuse holder C
- T16a 16-pin connector, brown
- T18b 18-pin connector, black
- T32 32-pin connector, blue

- A2 Positive connection (15), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Only models with rear differential lock
- *2 Only models with all-wheel drive
- *3 From February 2013

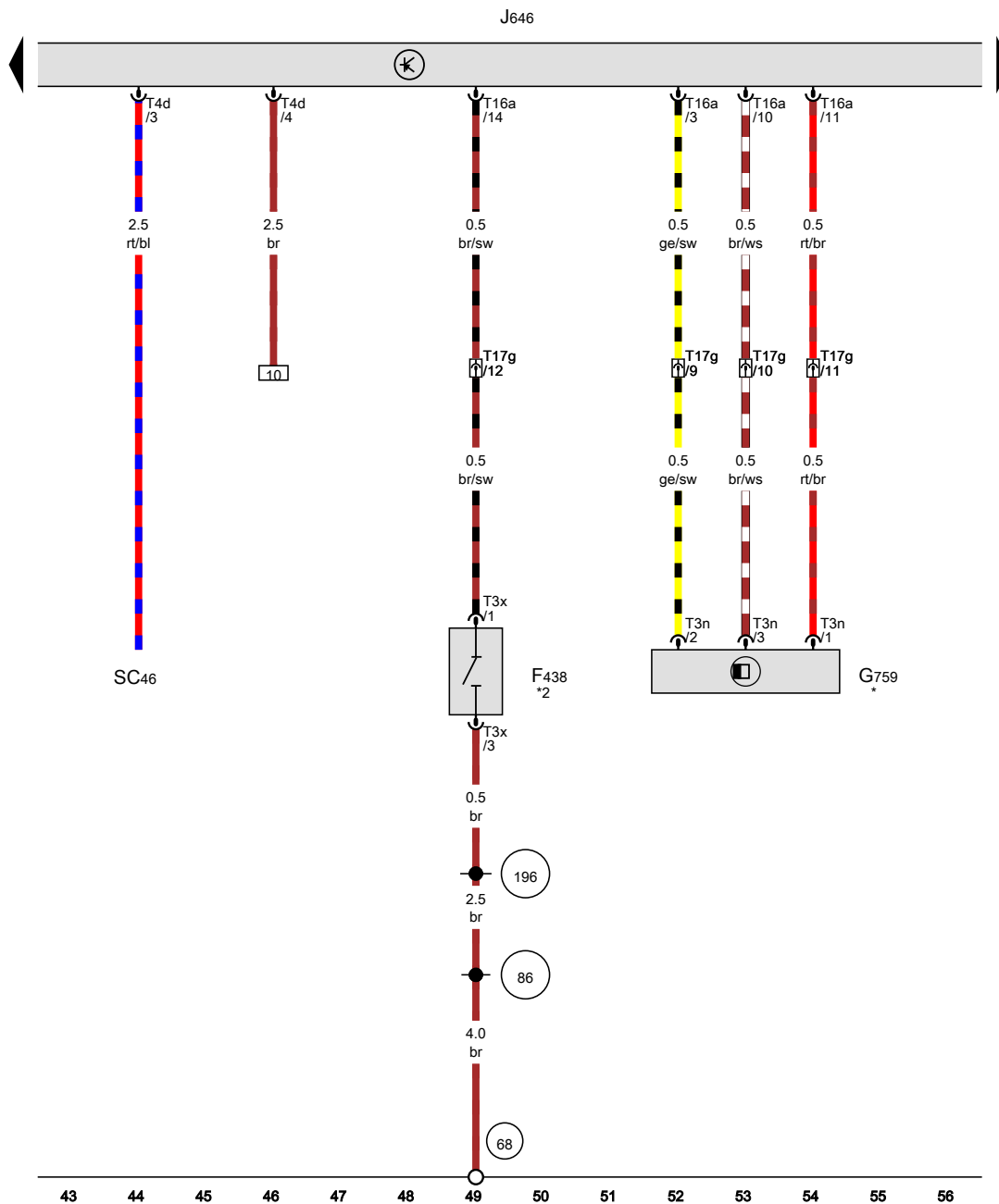
ws = white
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 gn = green
 bl = blue
 gr = grey
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 vi = purple
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 or = orange
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Running gear program switch, Transfer box control unit, Normal operation warning lamp in transfer box operating unit, Reduction gearing warning lamp in transfer box operating unit, Inter-axle lock-up warning lamp in transfer box operating unit

- E1 Light switch
- E631 Running gear program switch, in centre console
- J646 Transfer box control unit
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit, in centre console
- K183 Inter-axle lock-up warning lamp in transfer box operating unit
- T6p 6-pin connector, black
- T6q 6-pin connector, black
- T6r 6-pin connector, brown
- T16a 16-pin connector, brown
- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B472 Connection 8, in main wiring harness
- * Only models with all-wheel drive

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 br = brown
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 vi = purple
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Transfer box inter-axe lock-up switch, Hall sender for transfer box, Transfer box control unit, Fuse 46 on fuse holder C

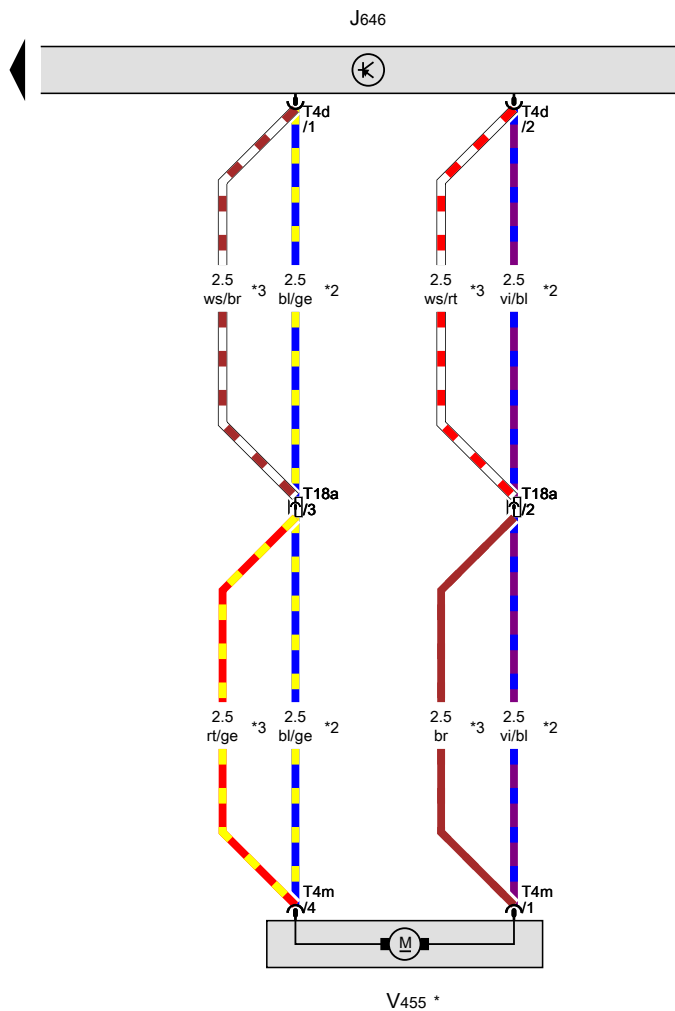
- F438 Transfer box inter-axe lock-up switch
- G759 Hall sender for transfer box, on gearbox
- J646 Transfer box control unit
- SC46 Fuse 46 on fuse holder C
- T3n 3-pin connector, black
- T3x 3-pin connector, black
- T4d 4-pin connector, brown
- T16a 16-pin connector, brown
- T17g 17-pin connector, near handbrake lever, black

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness

- * with auxiliary drive (part time)
- *2 Only models with all-wheel drive

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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Transfer box control unit, Transfer box control motor



- J646 Transfer box control unit
 T4d 4-pin connector, brown
 T4m 4-pin connector, black
 T18a 18-pin connector, near engine control unit, grey
 V455 Transfer box control motor, on gearbox
 * with auxiliary drive (part time)
 *2 Up to January 2013
 *3 From February 2013

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 br = brown
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 bl = blue
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 vi = purple
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 or = orange
 rs = pink

Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently , (9M5),(7VL),
(7VE)

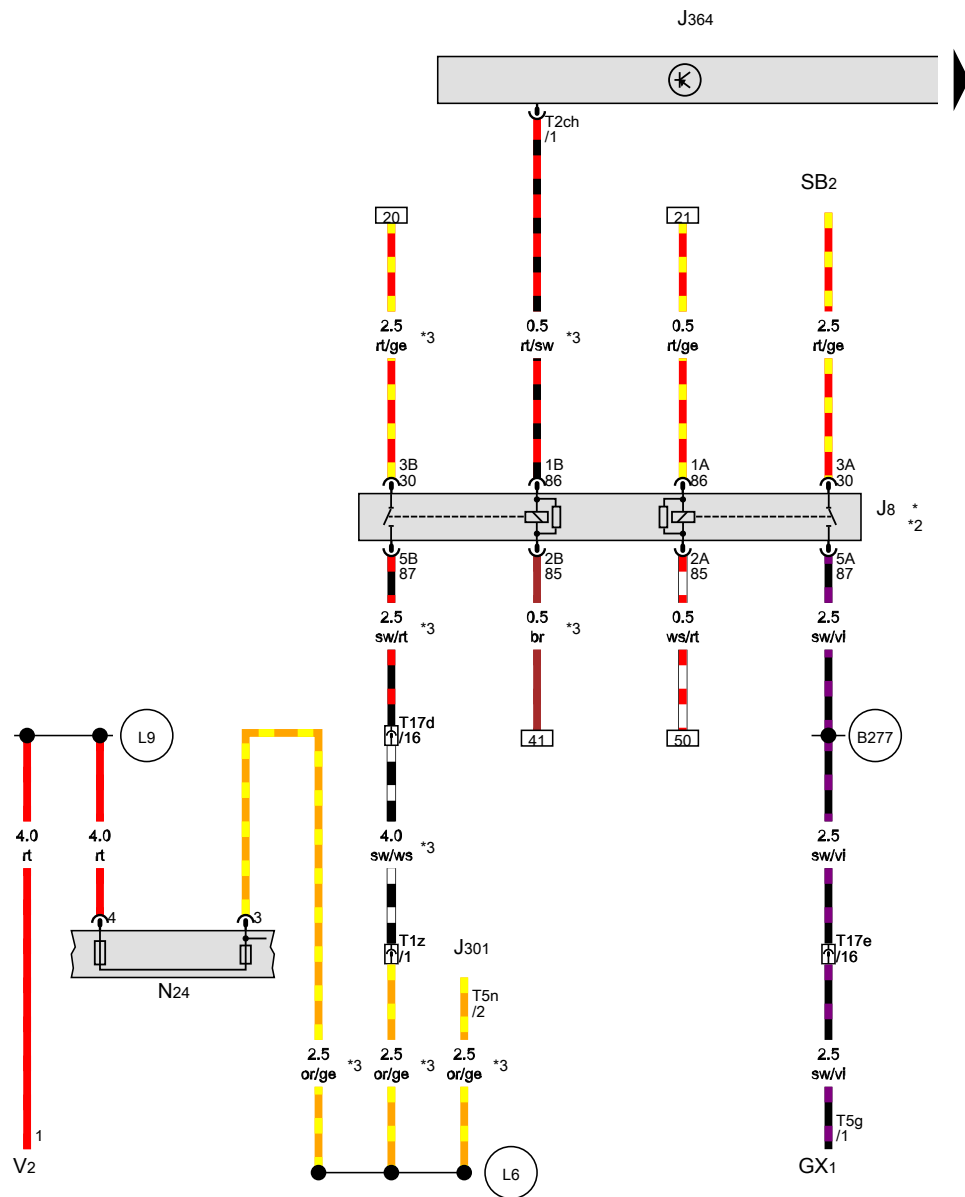
From June 2012

Auxiliary heater relay, Auxiliary heater control unit

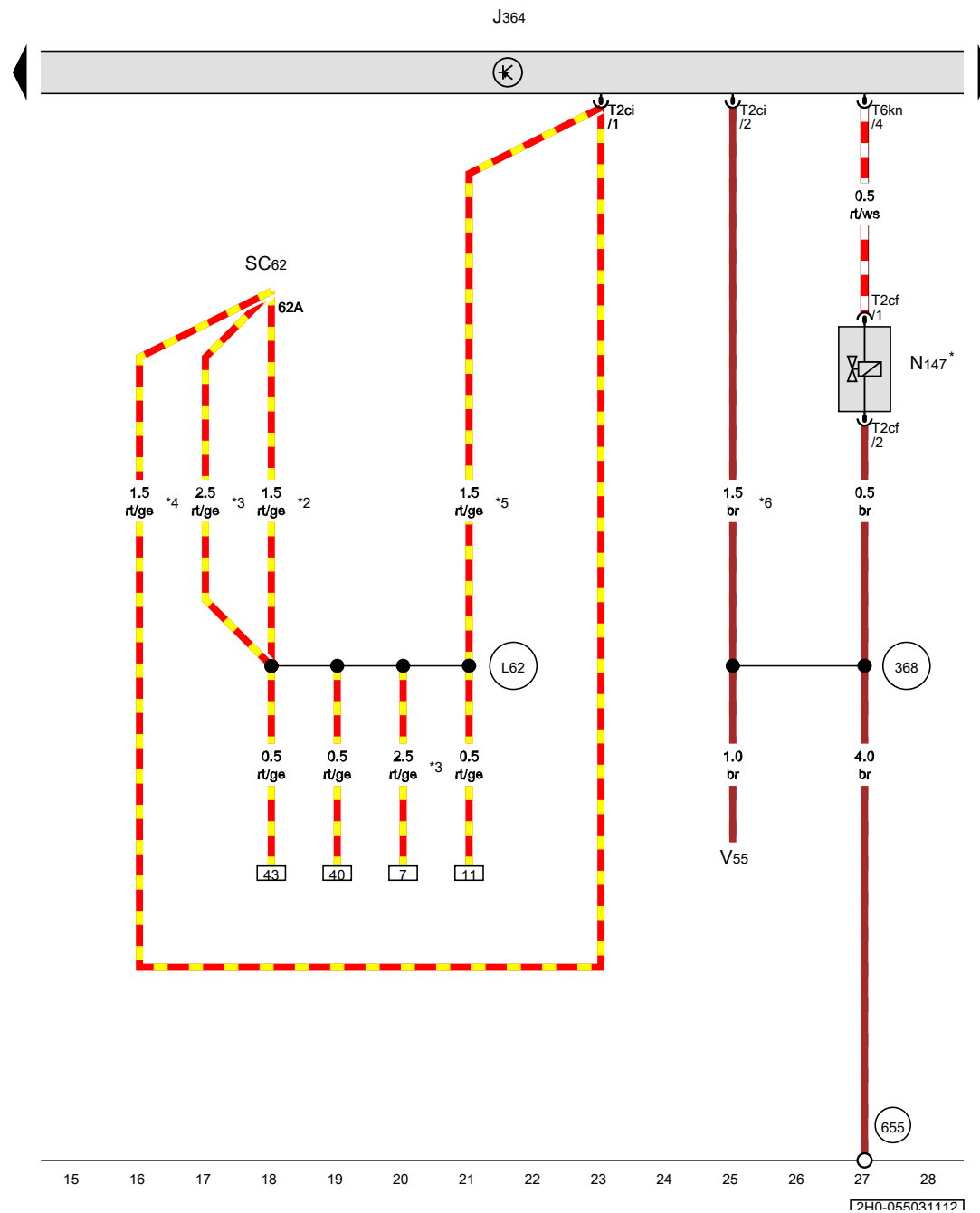
- GX1 Fuel delivery unit
- J8 Auxiliary heater relay
- J301 Air conditioning system control unit
- J364 Auxiliary heater control unit
- N24 Fresh air blower series resistor with overheating fuse
- SB2 Fuse 2 on fuse holder B
- T1z Single connector, black
- T2ch 2-pin connector, black
- T5g 5-pin connector, black
- T5n 5-pin connector
- T17d 17-pin connector, on left under dash panel, red
- T17e 17-pin connector, near handbrake lever, red
- V2 Fresh air blower

- B277 Positive connection 1 (15a) in main wiring harness
- L6 Connection 2, in evaporator housing unit wiring harness
- L9 Connection 1, in air conditioning system wiring harness

- * Only models with diesel engine
- *2 Only models with auxiliary coolant heater
- *3 Only models with Climatic



- ws = white
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- gn = green
- bl = blue
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- ge = yellow
- or = orange
- rs = pink



Auxiliary heater control unit, 2-way valve for coolant shut-off valve, Circulation pump

- J364 Auxiliary heater control unit
- N147 2-way valve for coolant shut-off valve, front left in engine compartment
- SC62 Fuse 62 on fuse holder C
- T2cf 2-pin connector, black
- T2ci 2-pin connector
- T6kn 6-pin connector, black
- V55 Circulation pump

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight
- L62 Positive connection (30a), in auxiliary heater wiring harness

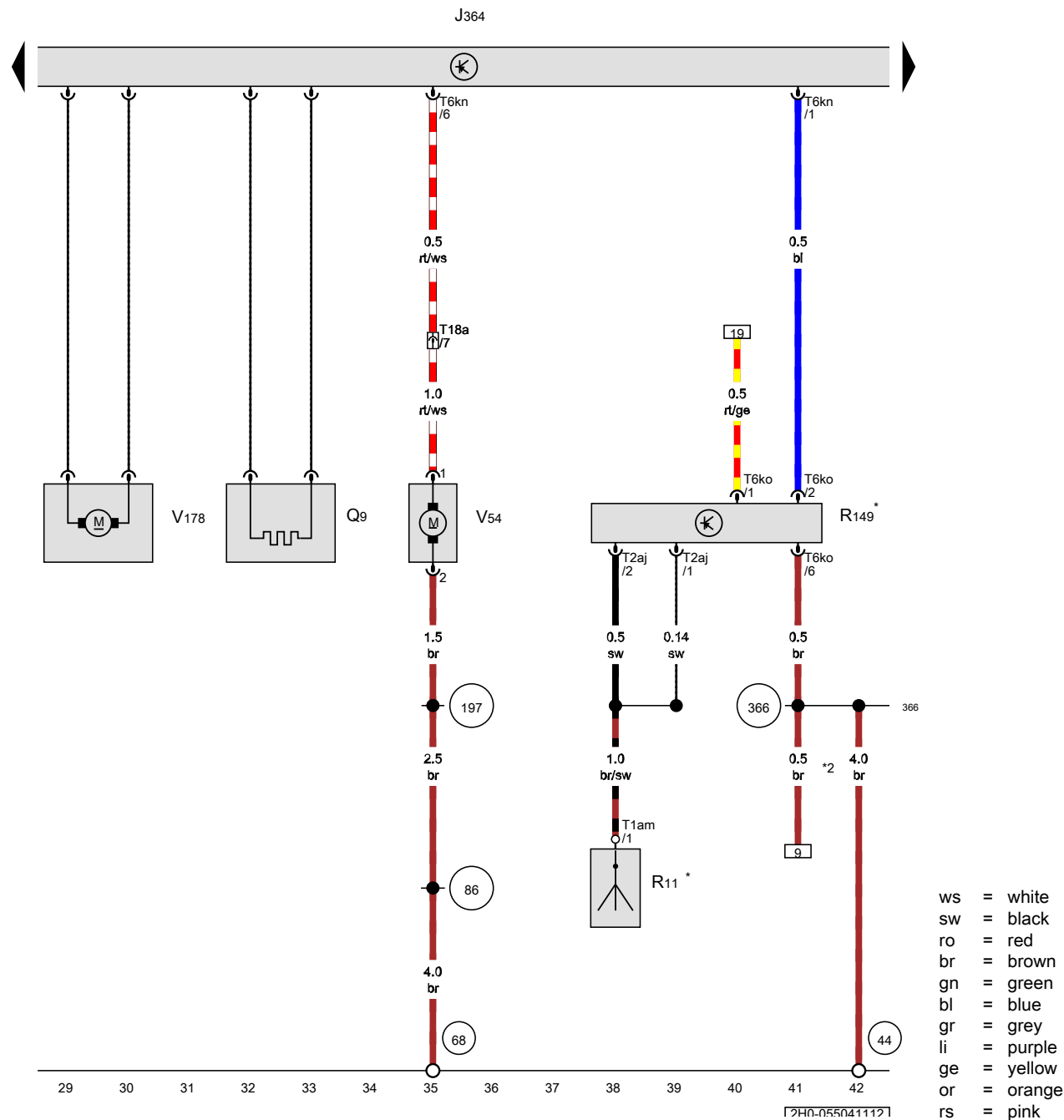
- * Only models with auxiliary coolant heater
- *2 Only models with Climatronic
- *3 Only models with Climatic
- *4 Only models with no air conditioning system/Climatronic
- *5 Only models with air conditioning system/ Climatronic
- *6 see applicable current flow diagram for air conditioning

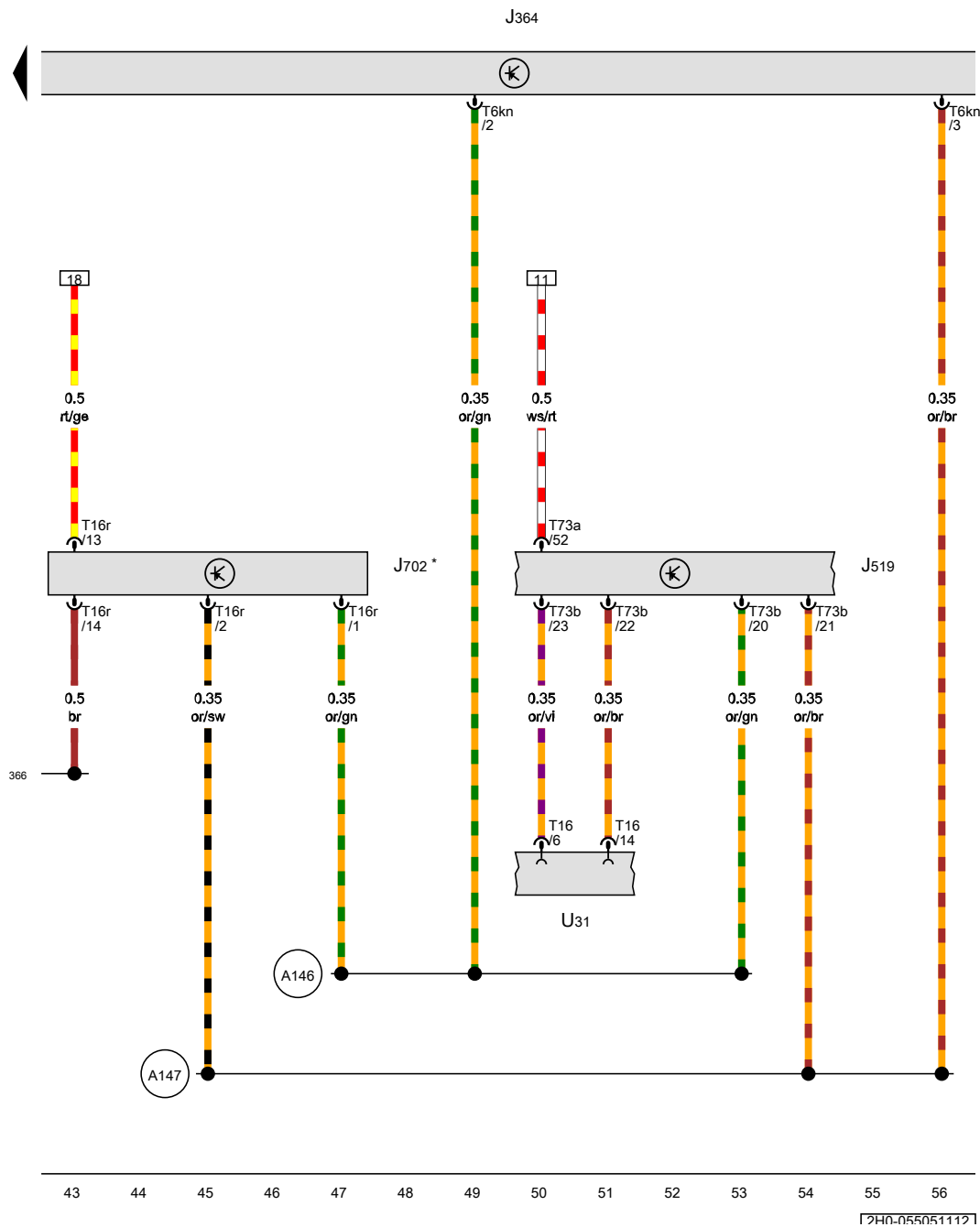
Auxiliary heater control unit, Glow plug for heater, Remote control receiver for auxiliary coolant heater, Metering pump

J364	Auxiliary heater control unit
Q9	Glow plug for heater
R11	Aerial
R149	Remote control receiver for auxiliary coolant heater, near lower part of right A-pillar
T1am	Single connector
T2aj	2-pin connector, light brown
T6kn	6-pin connector, black
T6ko	6-pin connector, blue
T18a	18-pin connector, grey
V54	Metering pump
V178	Coolant circulation pump 2

- 44 Earth point, lower part of left A-pillar
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- 366 Earth connection 1, in main wiring harness

* Only models with remote controlled auxiliary coolant heater
*2 Only models with Climatic



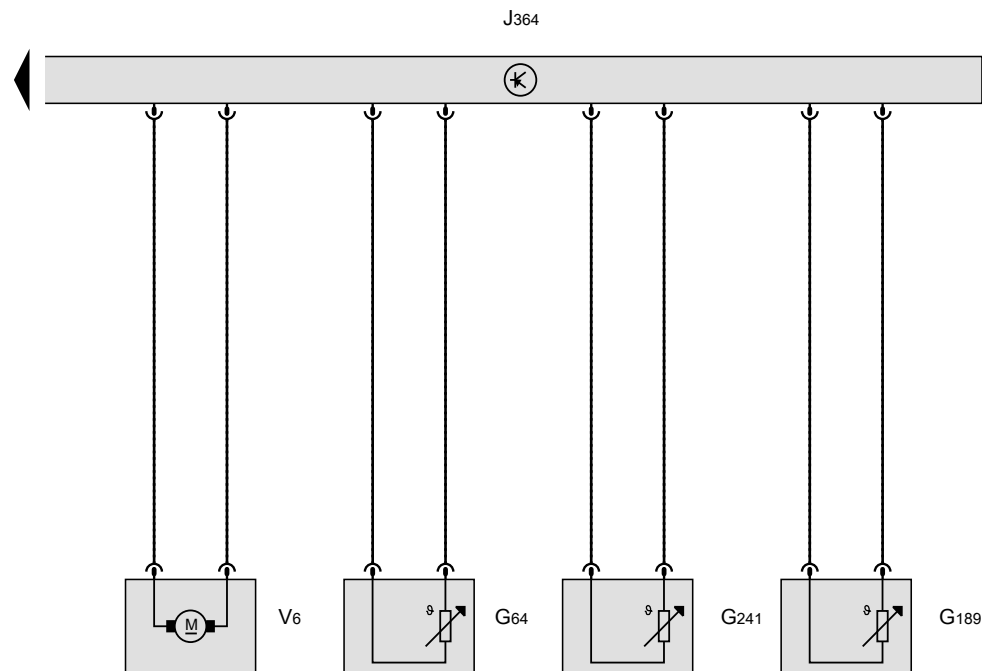


Auxiliary heater control unit, Onboard supply control unit, Roof display unit

- J364 Auxiliary heater control unit
- J519 Onboard supply control unit
- J702 Roof display unit, near interior mirror
- T6kn 6-pin connector, black
- T16 16-pin connector, black
- T16r 16-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- U31 Diagnostic connection

- 366 Earth connection 1, in main wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- * Only models with auxiliary coolant heater

ws = white
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 ro = red
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Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit, Combustion air blower

- G64 Flame monitor
- G189 Overheating sensor
- G241 Coolant temperature sender for heater
- J364 Auxiliary heater control unit
- V6 Combustion air blower

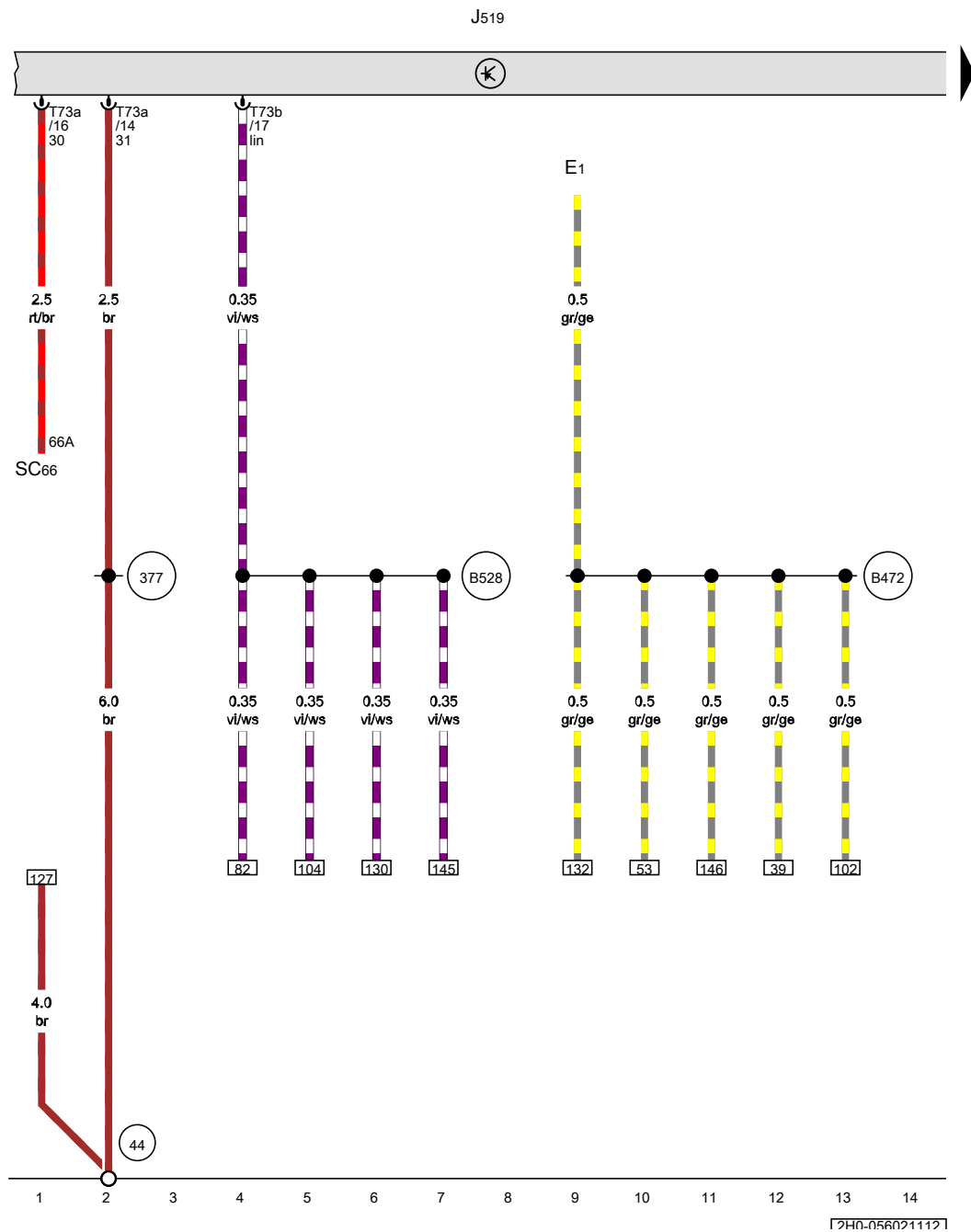
ws = white
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 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

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

[240-055061112]

Central locking, window regulators and mirror adjustment

From June 2012



Light switch, Onboard supply control unit

- E1 Light switch
- J519 Onboard supply control unit, near driver side A-pillar
- SC66 Fuse 66 on fuse holder C
- T73a 73-pin connector, black
- T73b 73-pin connector

- 44 Earth point, lower part of left A-pillar
- 377 Earth connection 12, in main wiring harness
- B472 Connection 8, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

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

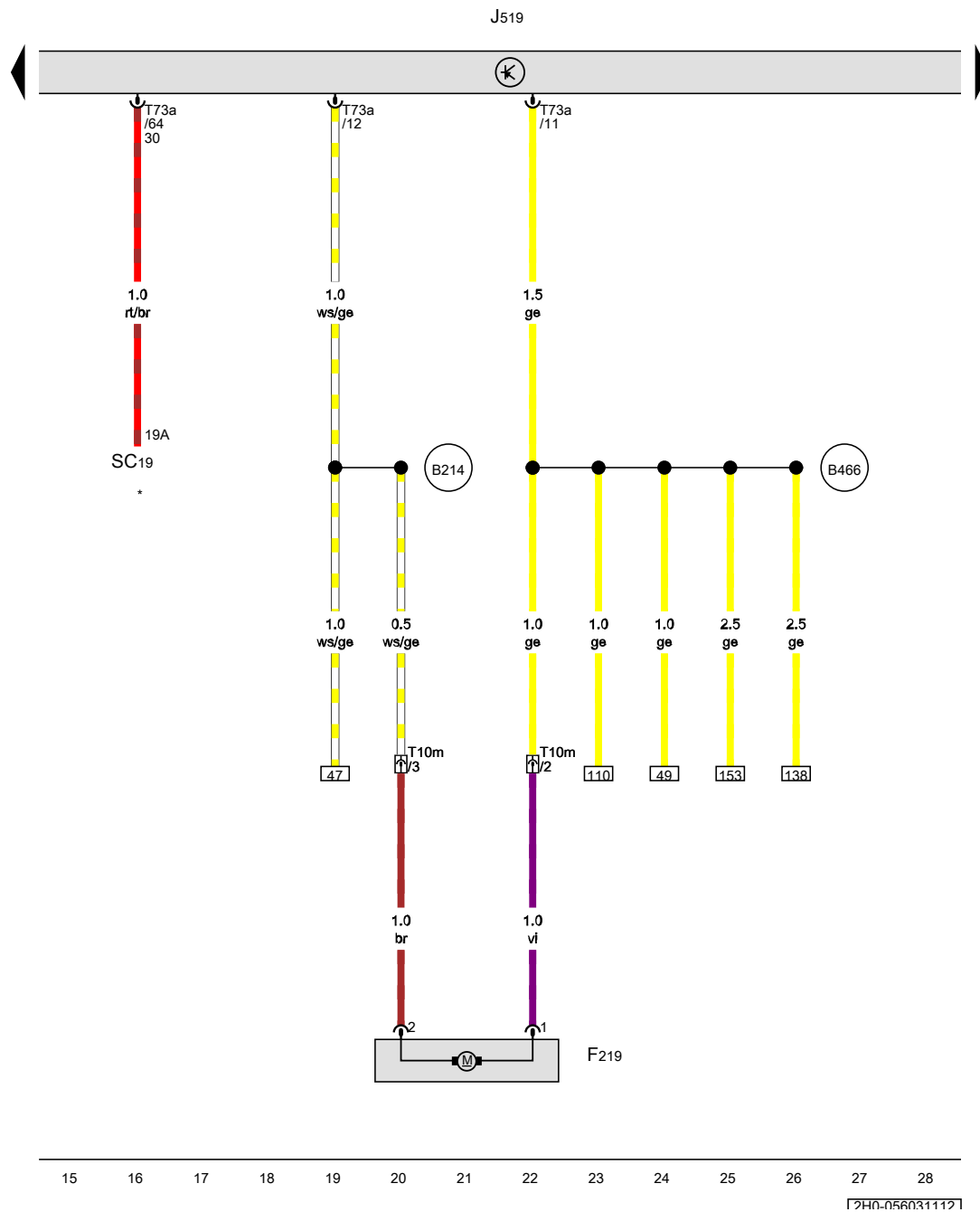
Fuel tank filler flap central locking actuator, Onboard supply control unit, Fuse 19 on fuse holder C

- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit, near driver side A-pillar
- SC19 Fuse 19 on fuse holder C
- T10m 10-pin connector, near handbrake lever, brown
- T73a 73-pin connector, black

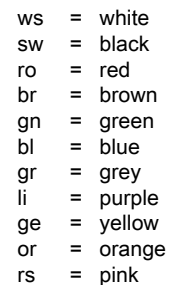
B214 Connection 1 (central locking), in interior wiring harness

B466 Connection 2, in main wiring harness

* Only models with heated exterior mirrors

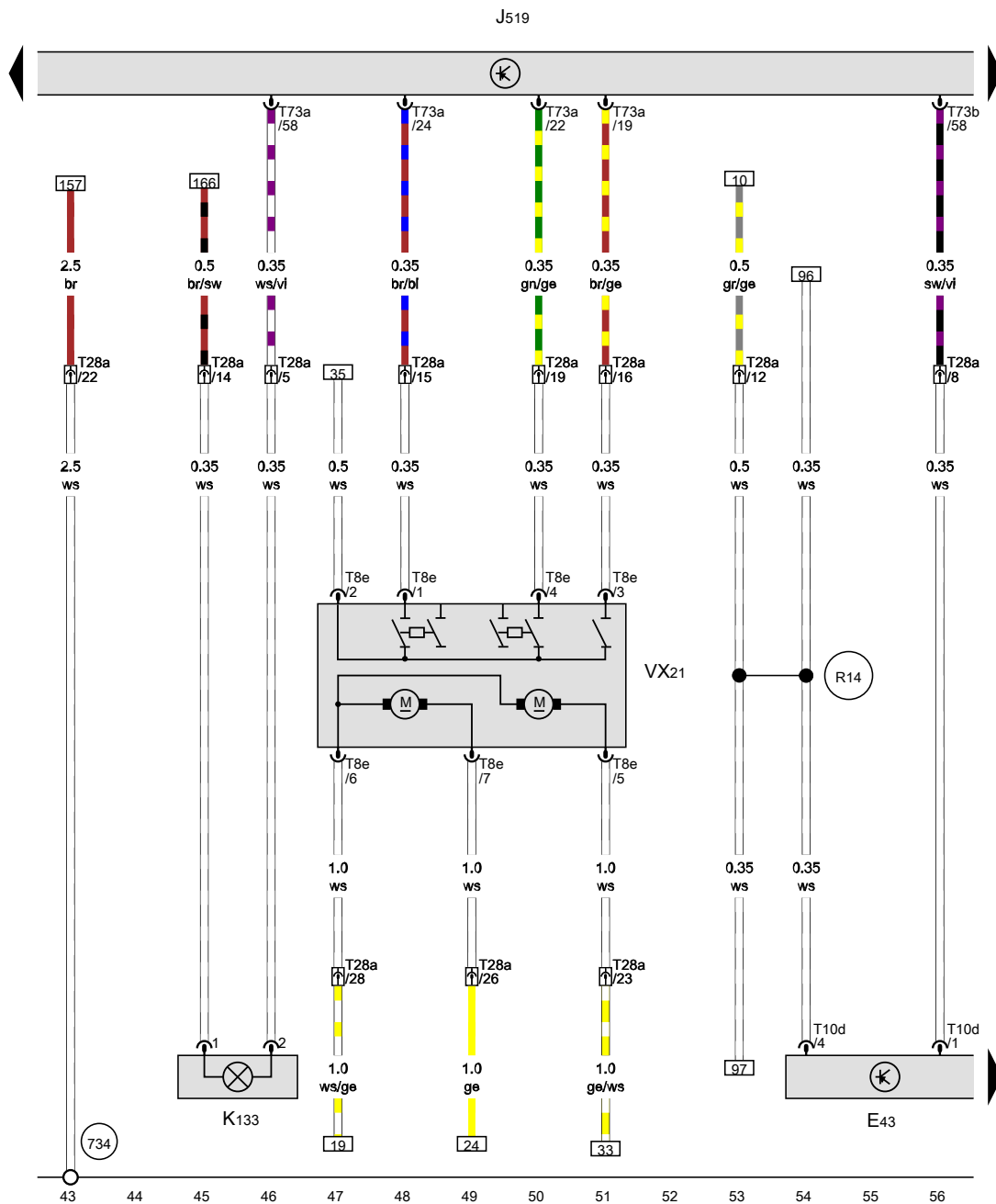


- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



E600	Central locking button, in driver door
J519	Onboard supply control unit, near driver side A-pillar
T4v	4-pin connector, black
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
205	Earth connection, in driver door wiring harness
B467	Connection 3, in main wiring harness

* Only models with double cab



Mirror adjustment switch, Onboard supply control unit,
Central locking SAFELOCK function warning lamp, Driver
door lock unit

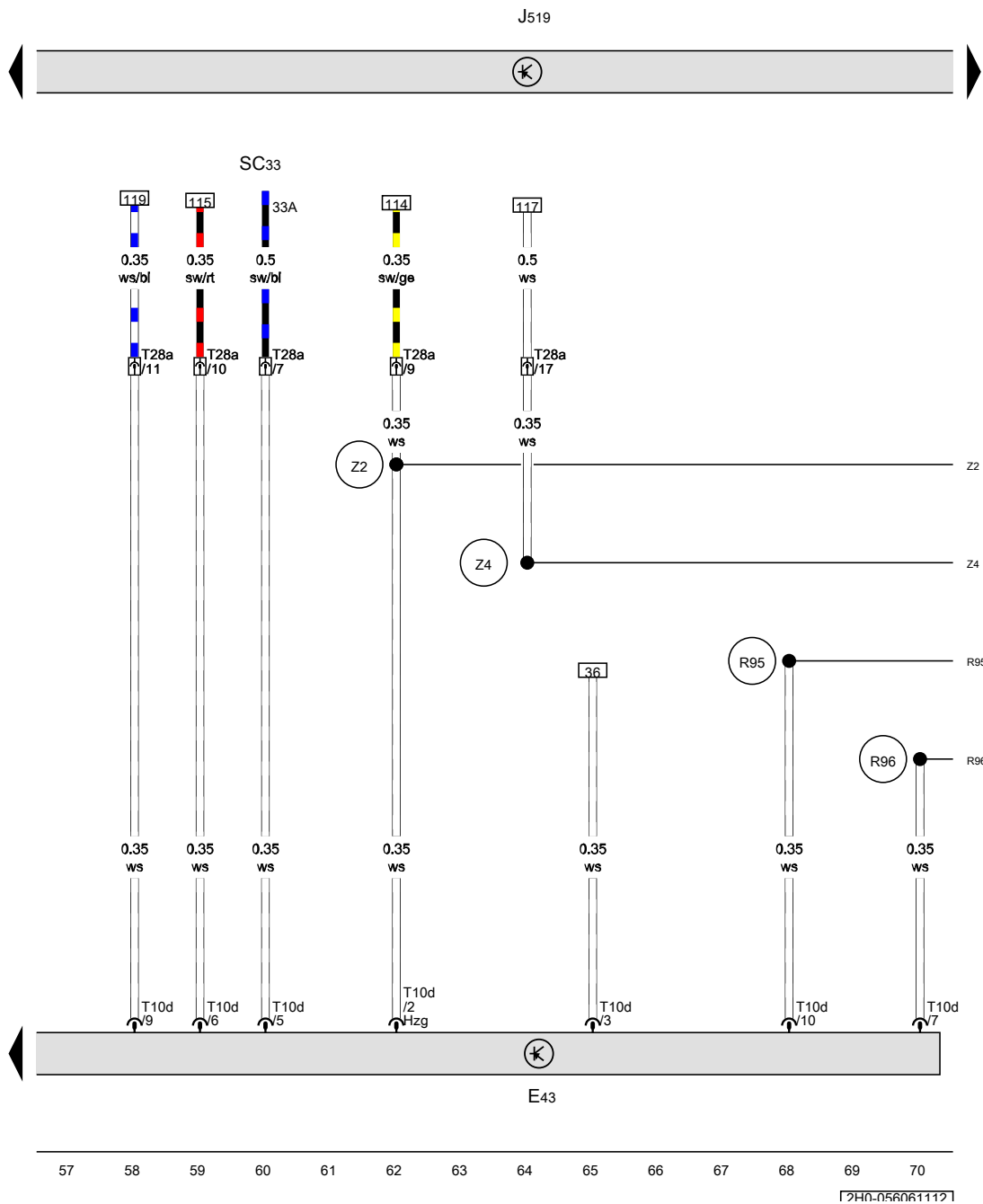
- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- K133 Central locking SAFELOCK function warning lamp
- T8e 8-pin connector, black
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector
- VX21 Driver door lock unit

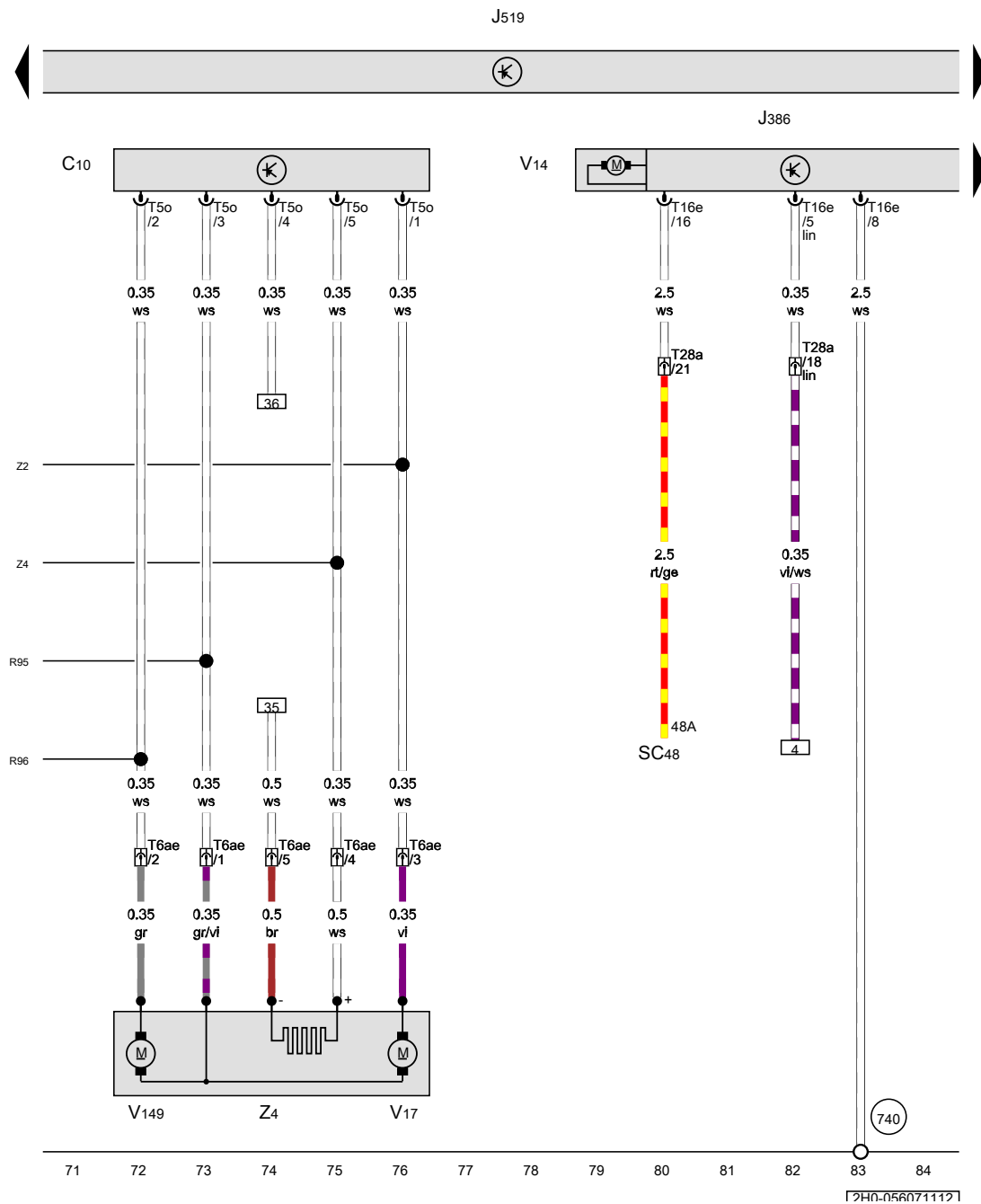
- 734 Earth point in front left door
- R14 Connection 1 (open), in driver door wiring harness

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

Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- SC33 Fuse 33 on fuse holder C
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar
- R95 Connection 2 in driver side door wiring harness
- R96 Connection 3 in driver side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness





Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

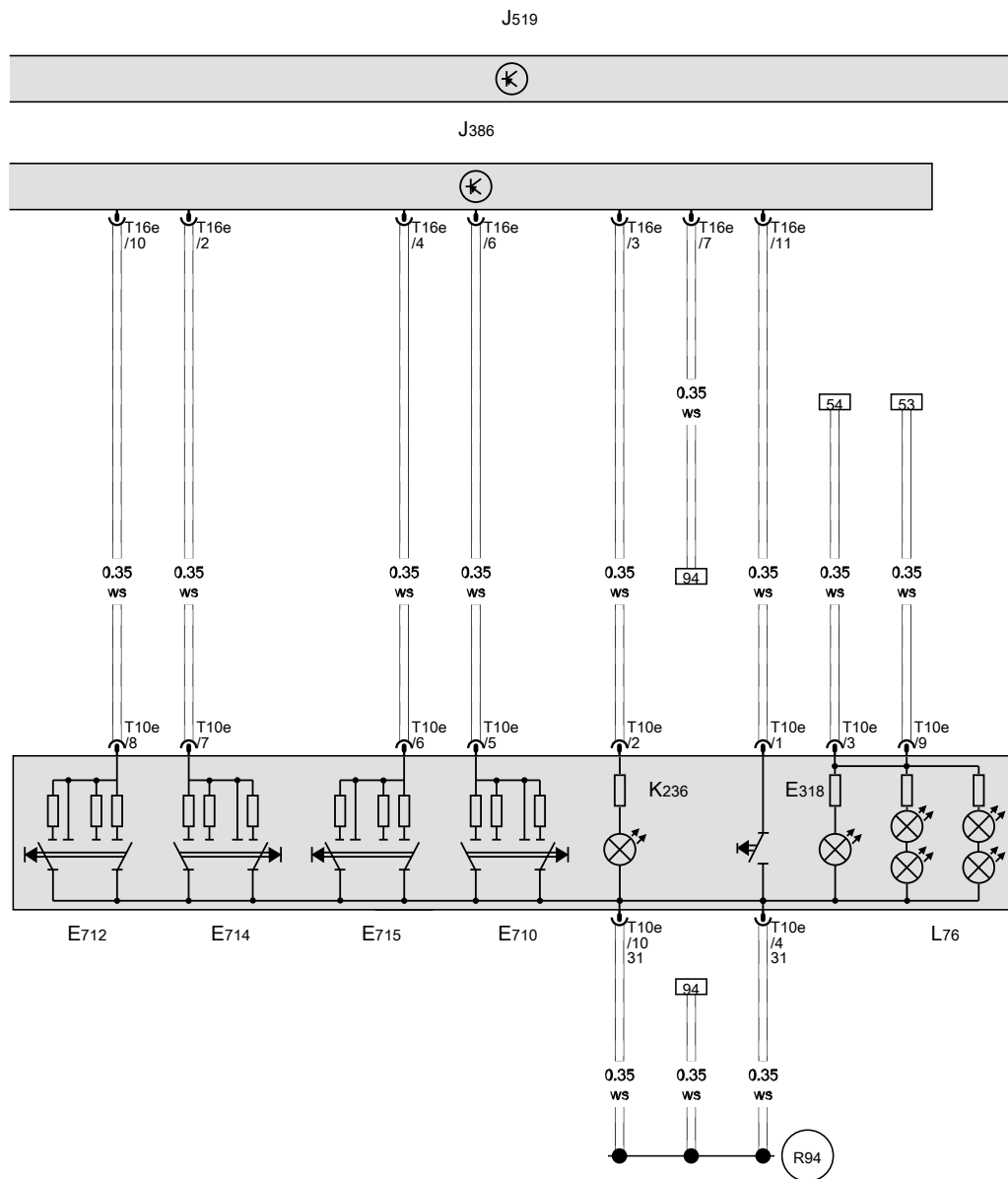
- C10 Suppression filter, in left door
- J386 Driver door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC48 Fuse 48 on fuse holder C
- T50 5-pin connector
- T6ae 6-pin connector, in left door, near exterior mirror, blue
- T16e 16-pin connector
- T28a 28-pin connector
- V14 Left window regulator motor
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- 740 Earth point 2 in front left door
- R95 Connection 2 in driver side door wiring harness
- R96 Connection 3 in driver side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness

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

Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Driver door control unit, Onboard supply control unit

- E318 Childproof lock button
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- K236 Warning light for activated childproof lock
- L76 Button illumination bulb
- T10e 10-pin connector
- T16e 16-pin connector, black

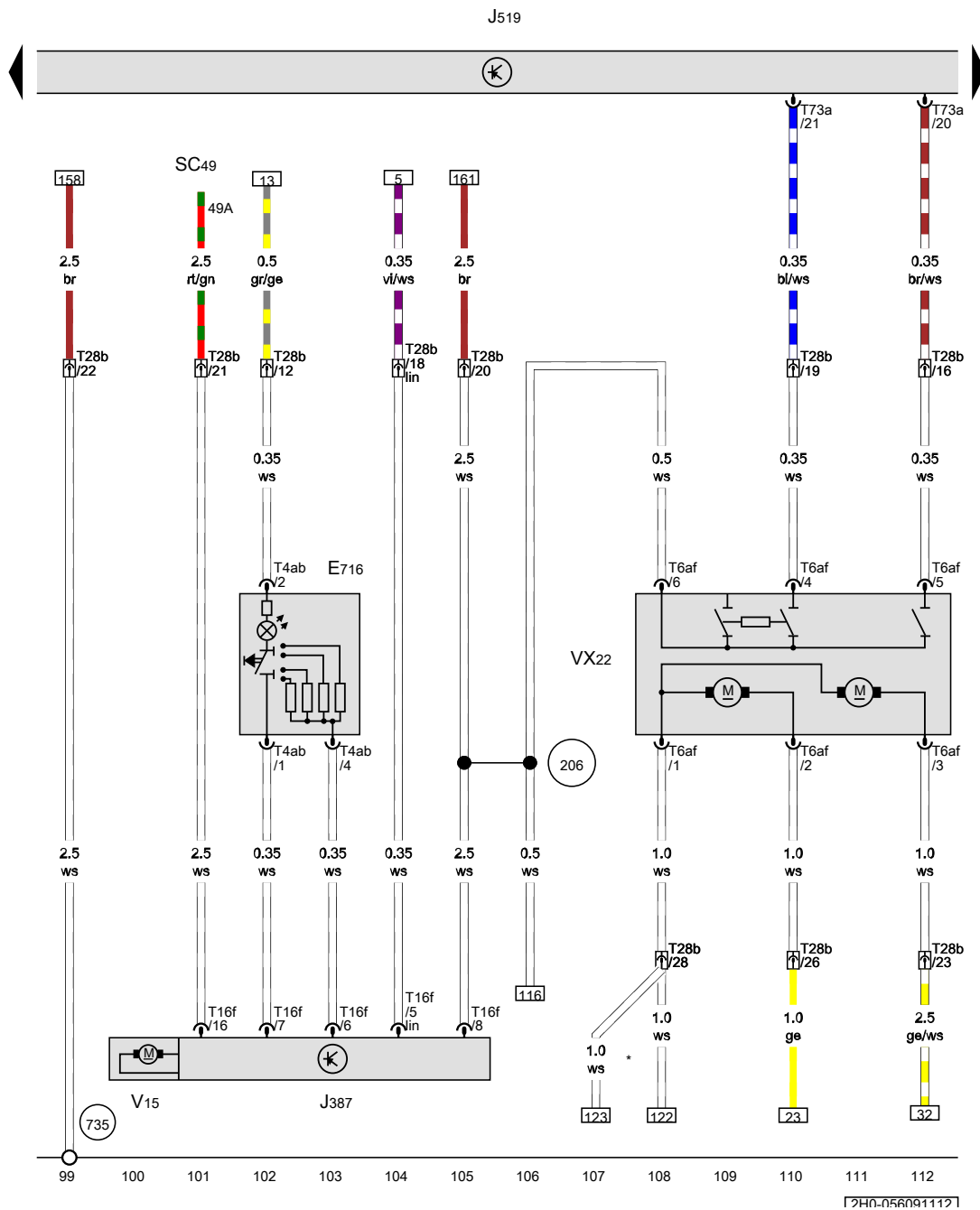
R94 Connection 1 in driver side door wiring harness



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

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

[240-056081112]



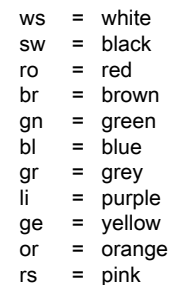
Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC49 Fuse 49 on fuse holder C
- T4ab 4-pin connector
- T6af 6-pin connector
- T16f 16-pin connector
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- V15 Right window regulator motor
- VX22 Front passenger door lock unit

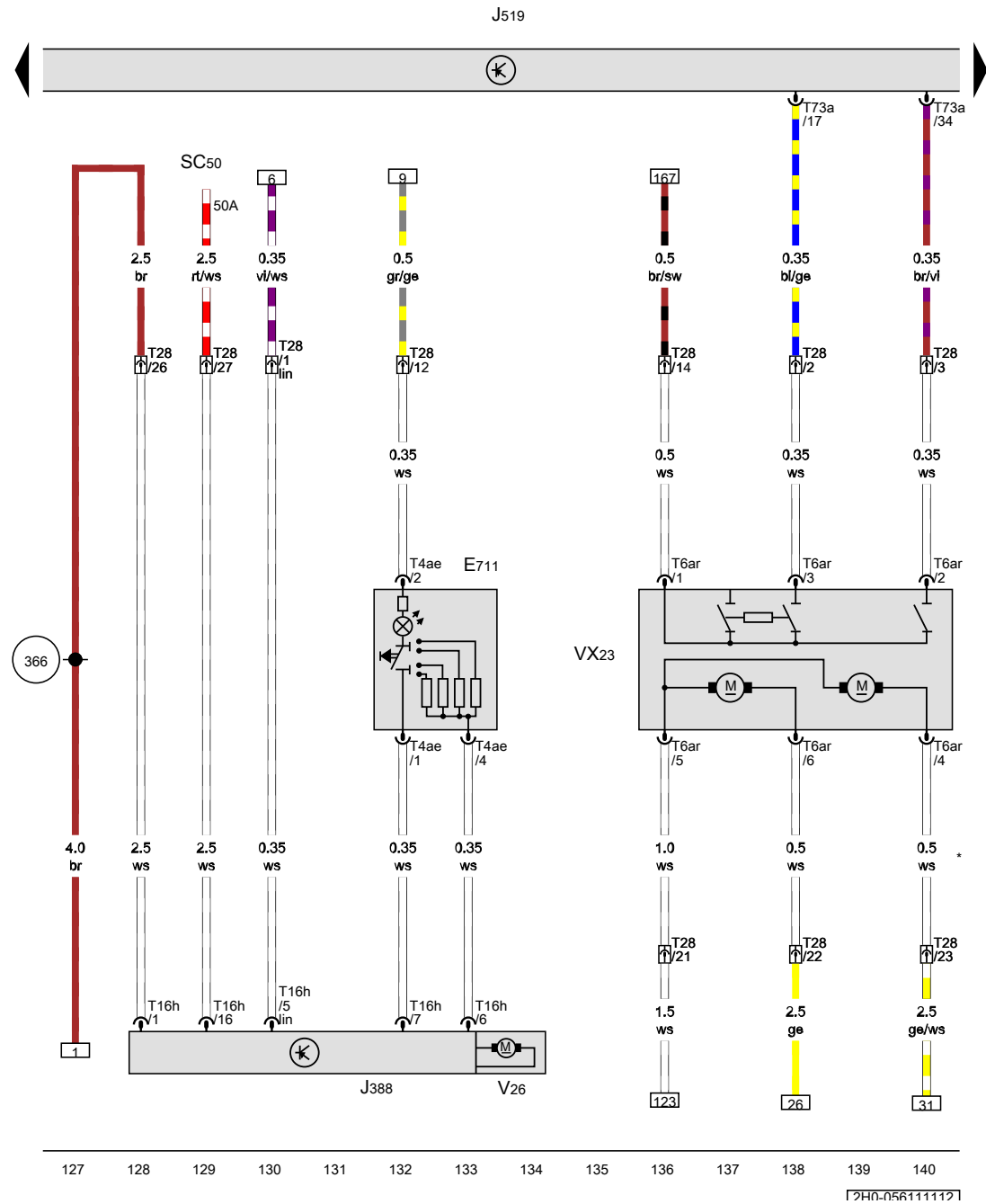
206 Earth connection, in front passenger door wiring harness

735 Earth point in front right door

* Only models with single cab



J519	Onboard supply control unit, near driver side A-pillar
T6aa	6-pin connector, in right door, near exterior mirror, blue
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B215	Connection 2 (central locking), in interior wiring harness
*	Only models with double cab
*2	Only models with single cab



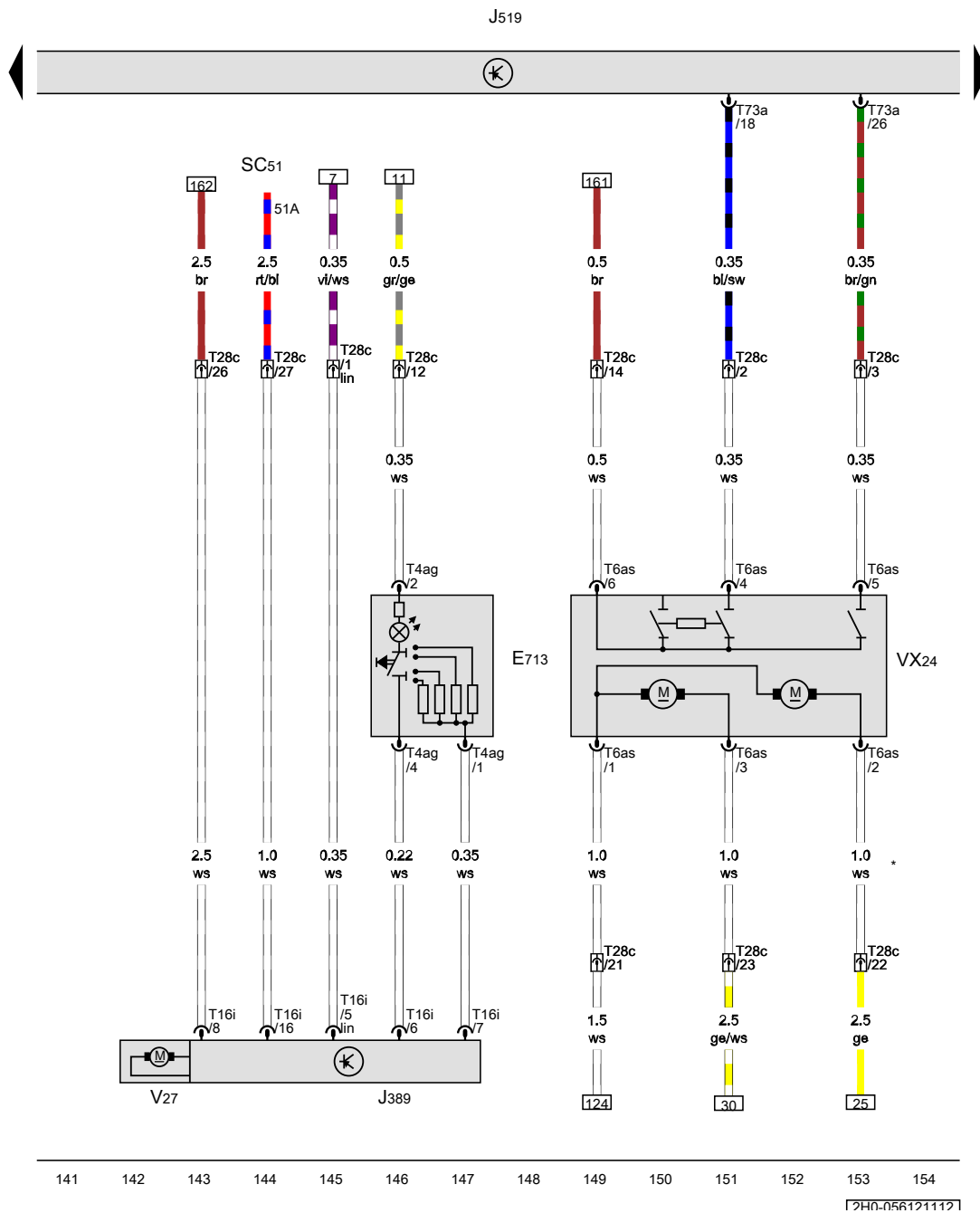
Rear driver side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

E711	Rear driver side window regulator button, in rear left door
J388	Rear left door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector
T28	28-pin connector, on left B-pillar
T73a	73-pin connector, black
VX23	Rear left door lock unit
V26	Rear left window regulator motor

(366) Earth connection 1, in main wiring harness

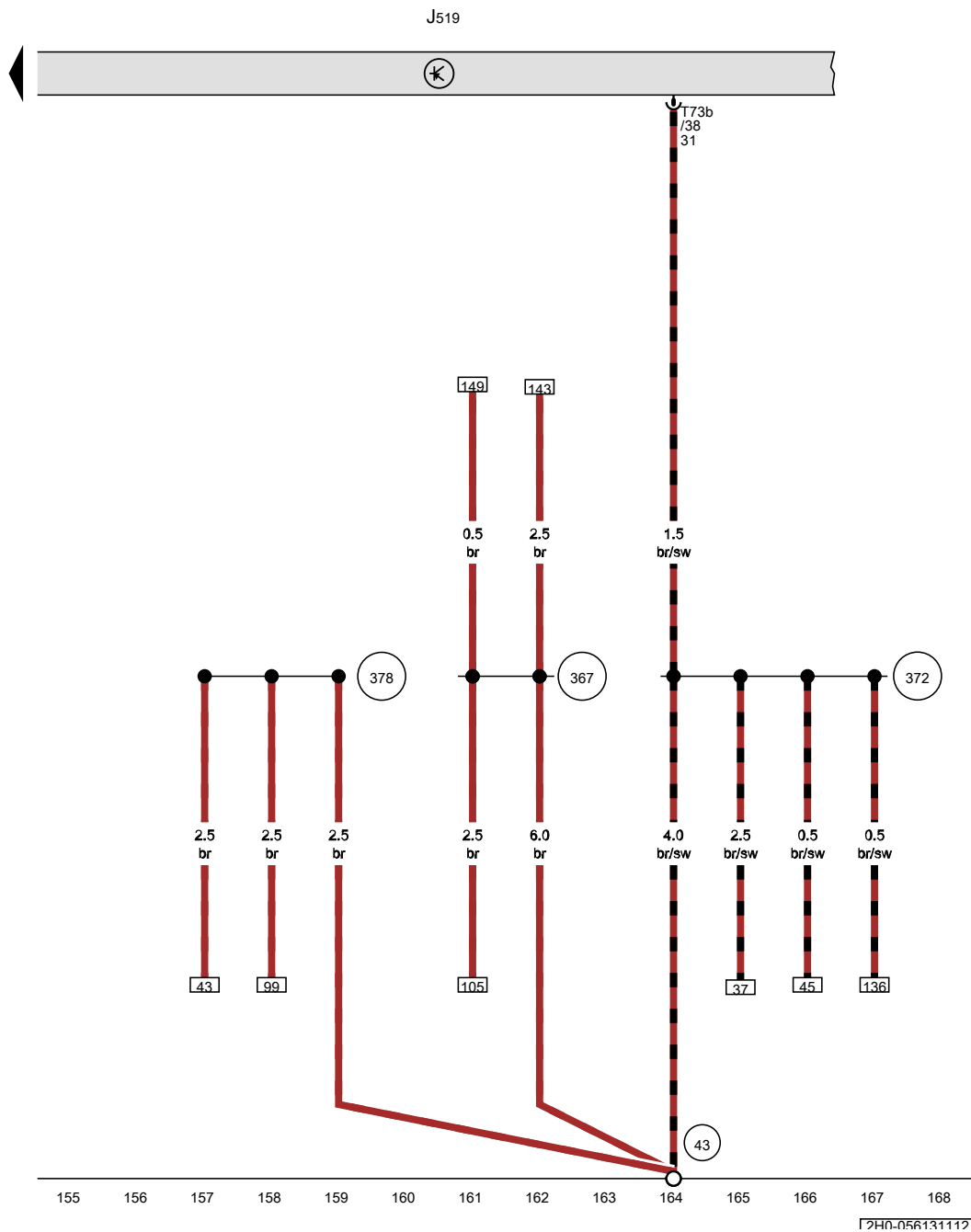
* Only models with SAFELock function

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



Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

- E713 Rear passenger side window regulator button, in rear right door
- J389 Rear right door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC51 Fuse 51 on fuse holder C
- T4ag 4-pin connector
- T6as 6-pin connector, black
- T16i 16-pin connector, black
- T28c 28-pin connector, on right B-pillar
- T73a 73-pin connector, black
- VX24 Rear right door lock unit
- V27 Rear right window regulator motor
- * Only models with SAFELOCK function



Onboard supply control unit

J519 Onboard supply control unit, near driver side A-pillar

T73b 73-pin connector

43 Earth point, lower part of right A-pillar

367 Earth connection 2, in main wiring harness

372 Earth connection 7, in main wiring harness

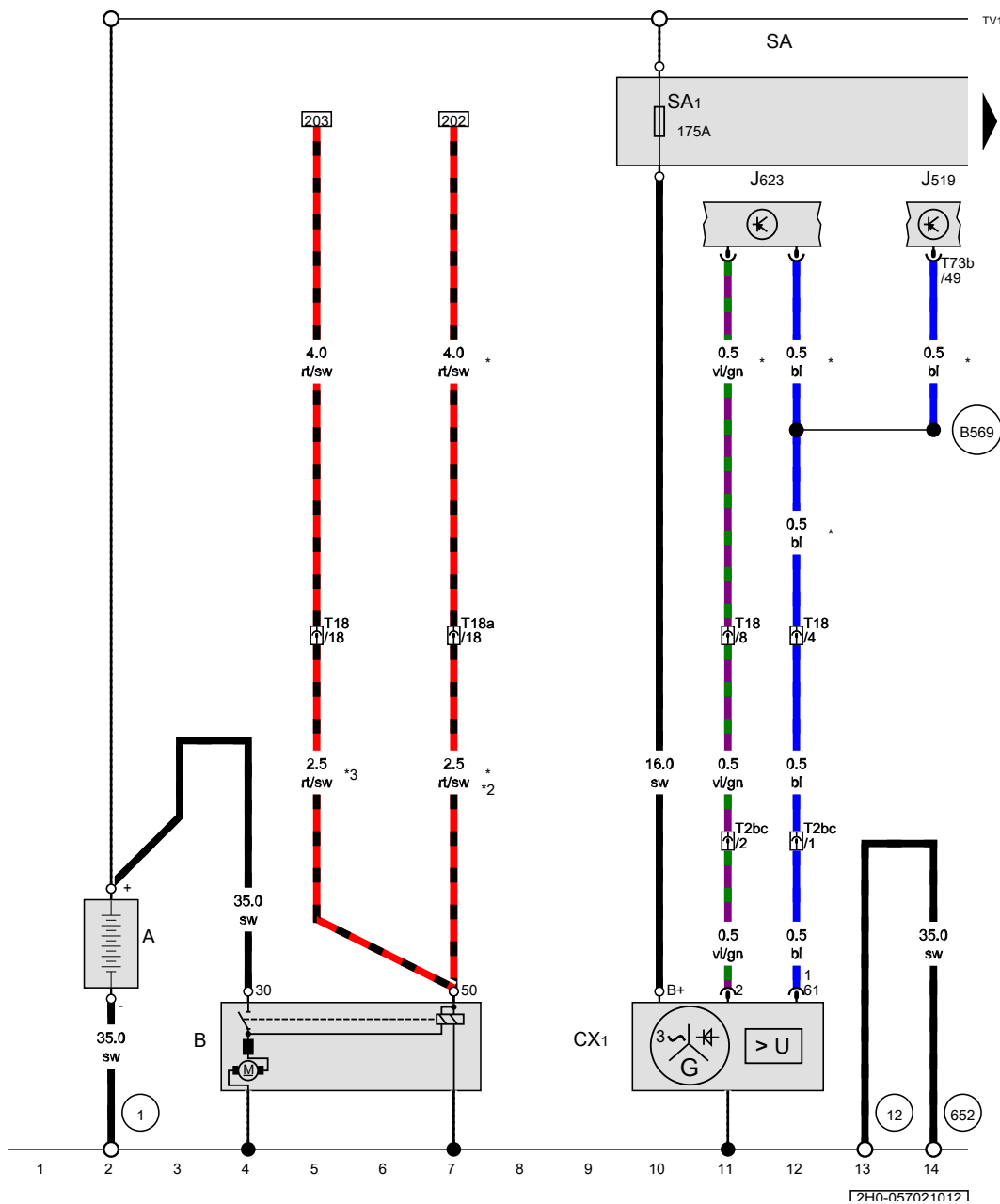
378 Earth connection 13, in main wiring harness

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

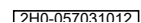
Fuse assignment , (7L3)

From June 2012

Battery, Starter, Alternator with voltage regulator, Fuse holder A



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- T2bc 2-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey
- T73b 73-pin connector, colourless
- 1 Earth strap, battery - body
- 12 Earth point, on left in engine compartment
- 652 Earth point, engine and gearbox earth
- B569 Connection 36, in main wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine

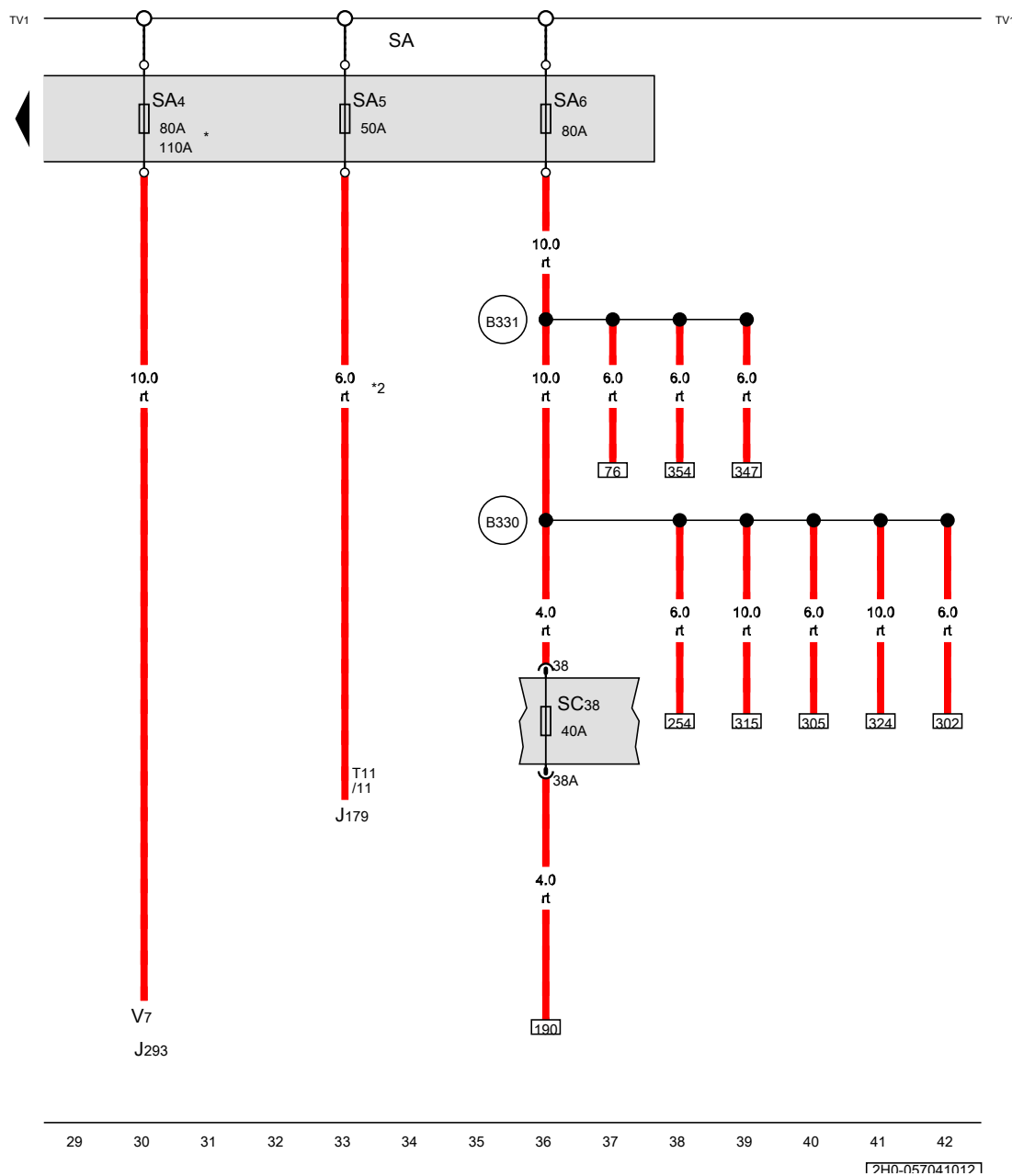


D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector, black

(B333) Positive connection 19 (30a) in main wiring harness

10.2012

Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan



- J179 Automatic glow period control unit
- J293 Radiator fan control unit
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- SC38 Fuse 38 on fuse holder C
- T11 11-pin connector, black
- V7 Radiator fan

B330 Positive connection 16 (30a) in main wiring harness

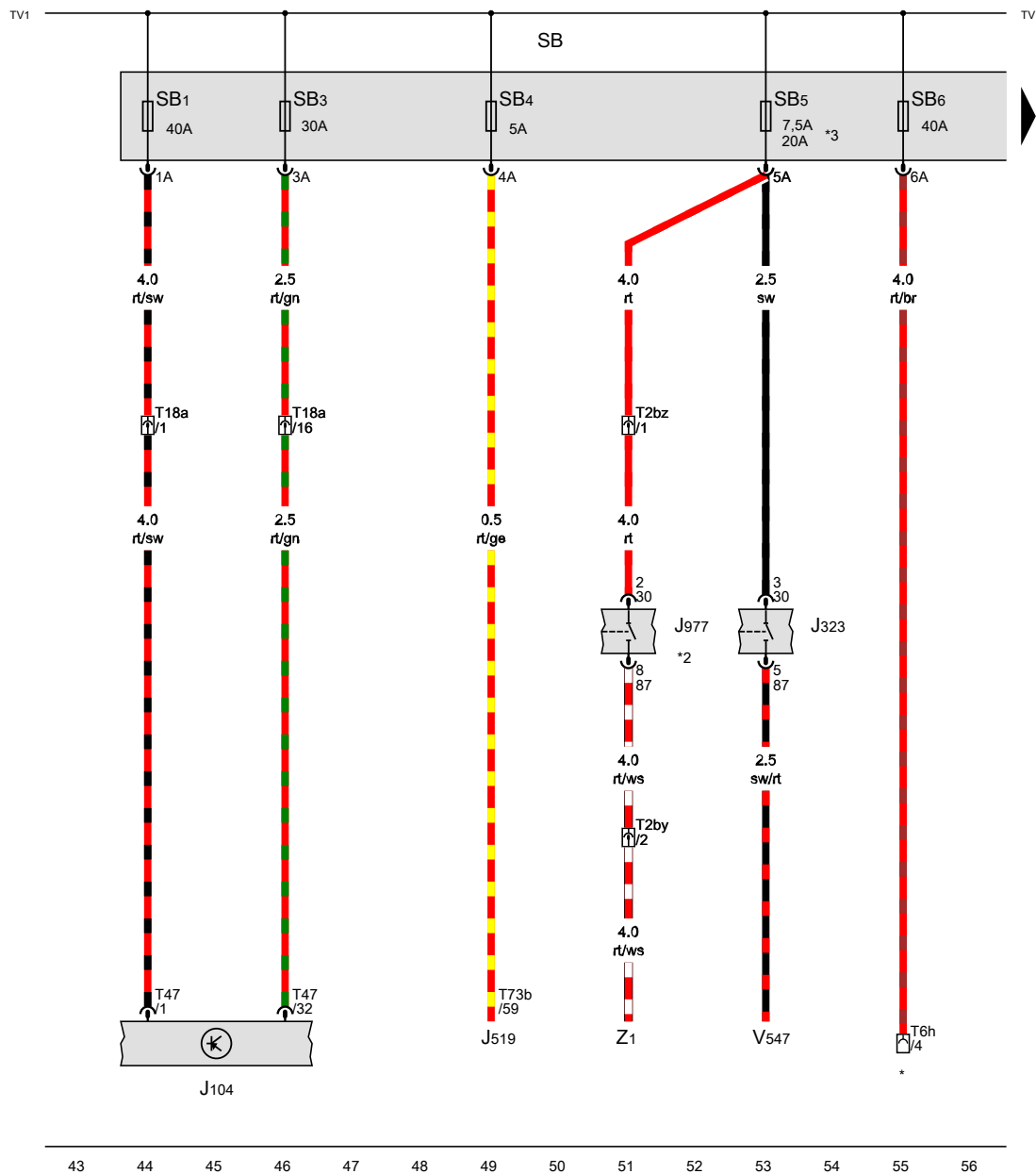
B331 Positive connection 17 (30a) in main wiring harness

* According to equipment

*2 Only models with diesel engine

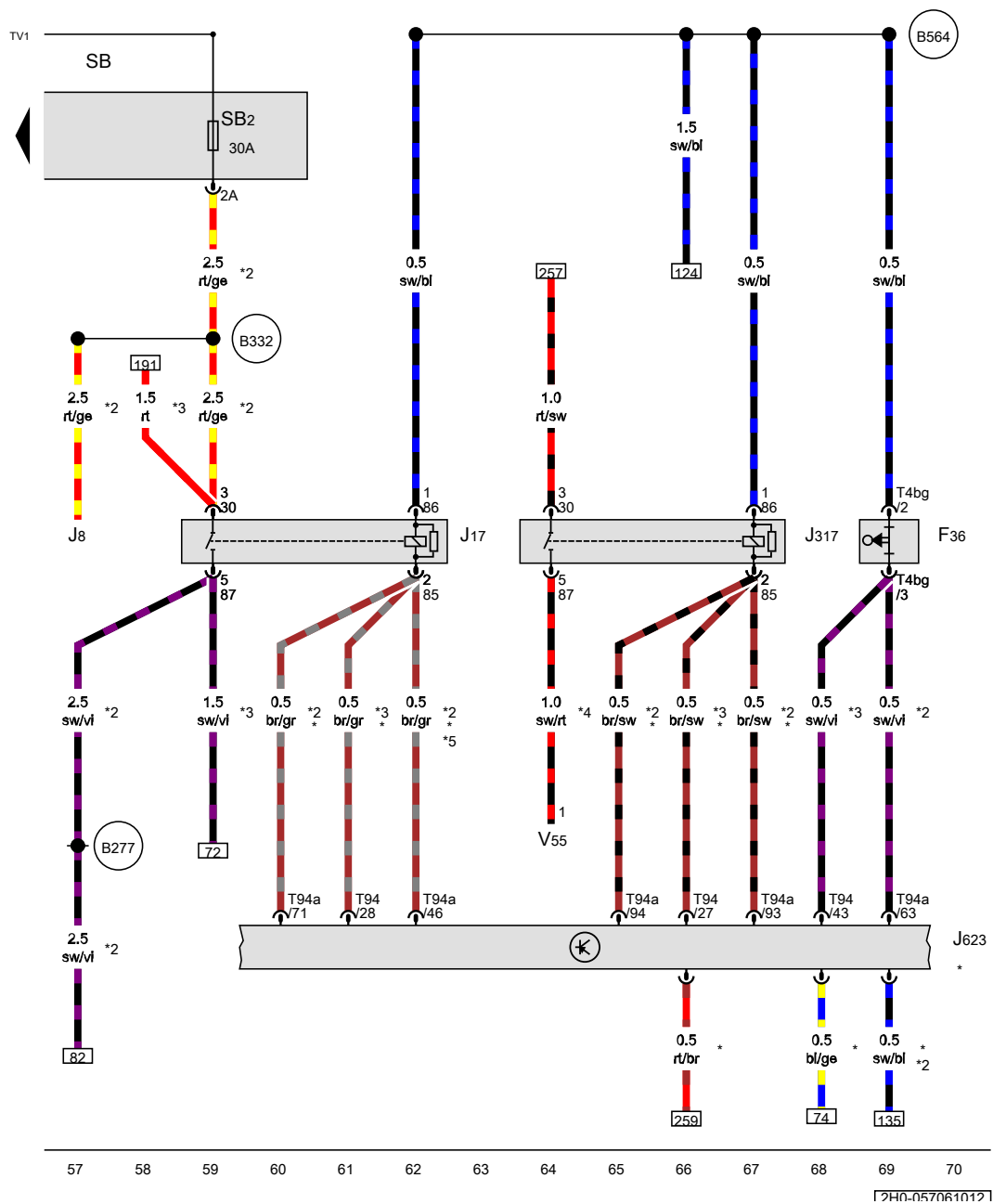
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
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- li = purple
- ge = yellow
- or = orange
- rs = pink

ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



- J104 ABS control unit
- J323 Blower relay
- J519 Onboard supply control unit
- J977 Terminal 30 relay
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2by 2-pin connector, black
- T2bz 2-pin connector, black
- T6h 6-pin connector, in left footwell, near centre console, grey
- T18a 18-pin connector, near engine control unit, grey
- T47 47-pin connector, black
- T73b 73-pin connector, colourless
- V547 Air supply blower
- Z1 Heated rear window
- * Only models with electric interface for external use
- *2 see applicable current flow diagram for hardtop
- *3 According to equipment

- ws = white
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- gn = green
- bl = blue
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- ge = yellow
- or = orange
- rs = pink



Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

- F36 Clutch pedal switch
- J8 Auxiliary heater relay
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- T4bg 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V55 Circulation pump

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

B332 Positive connection 18 (30a) in main wiring harness

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine
- *4 see applicable current flow diagram for auxiliary coolant heater
- *5 Slot assignment, with no cruise control system (CCS)

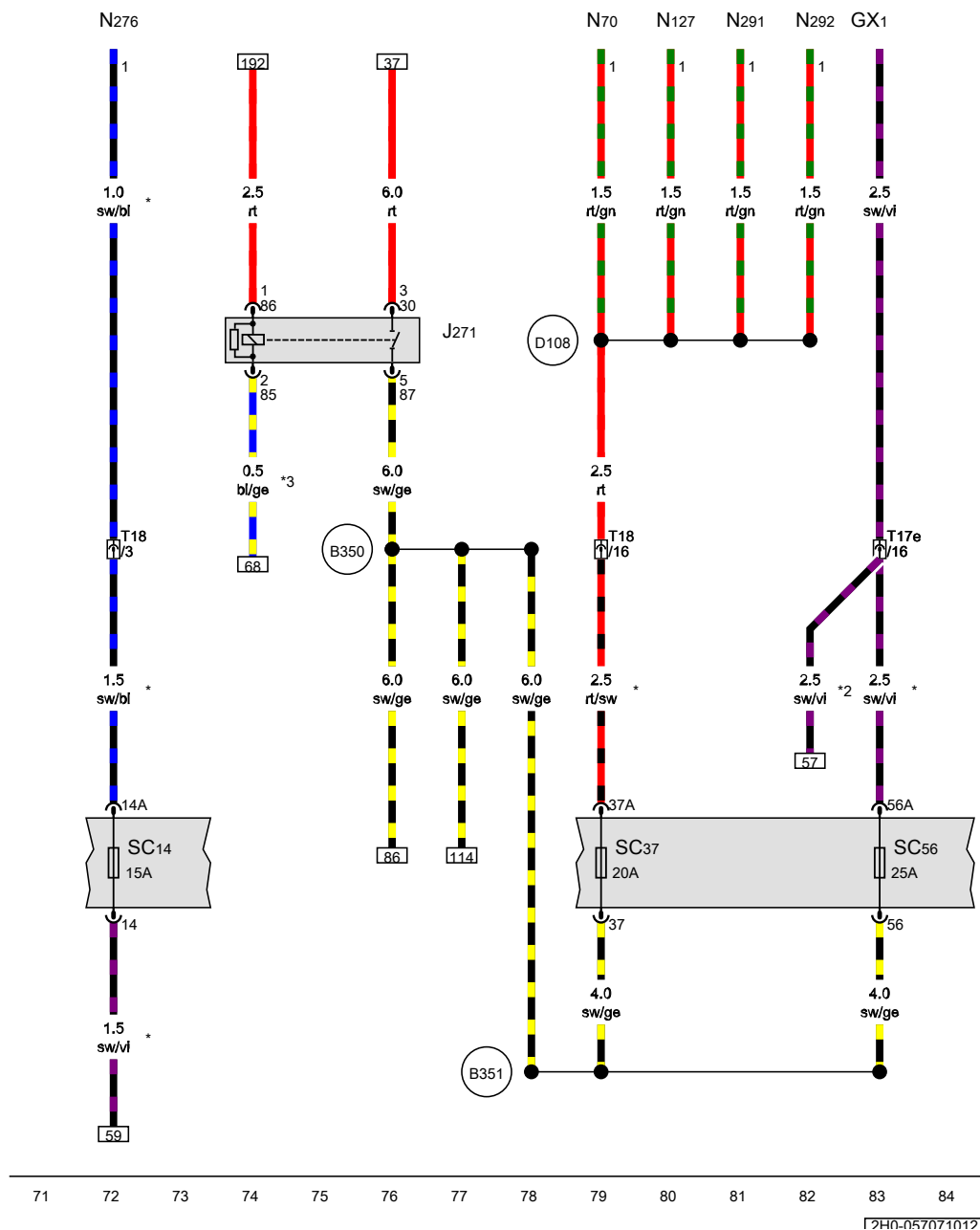
- ws = white
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- li = purple
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- or = orange
- rs = pink

Main relay, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C

- GX1 Fuel delivery unit, on fuel tank
- J271 Main relay
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N276 Fuel pressure regulating valve
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SC14 Fuse 14 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T17e 17-pin connector, near handbrake lever, red
- T18 18-pin connector, near engine control unit, black

- B350 Positive connection 1 (87a) in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- D108 Connection 6 in engine compartment wiring harness

- * Only models with petrol engine
- *2 Only models with diesel engine
- *3 see applicable current flow diagram for engine



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

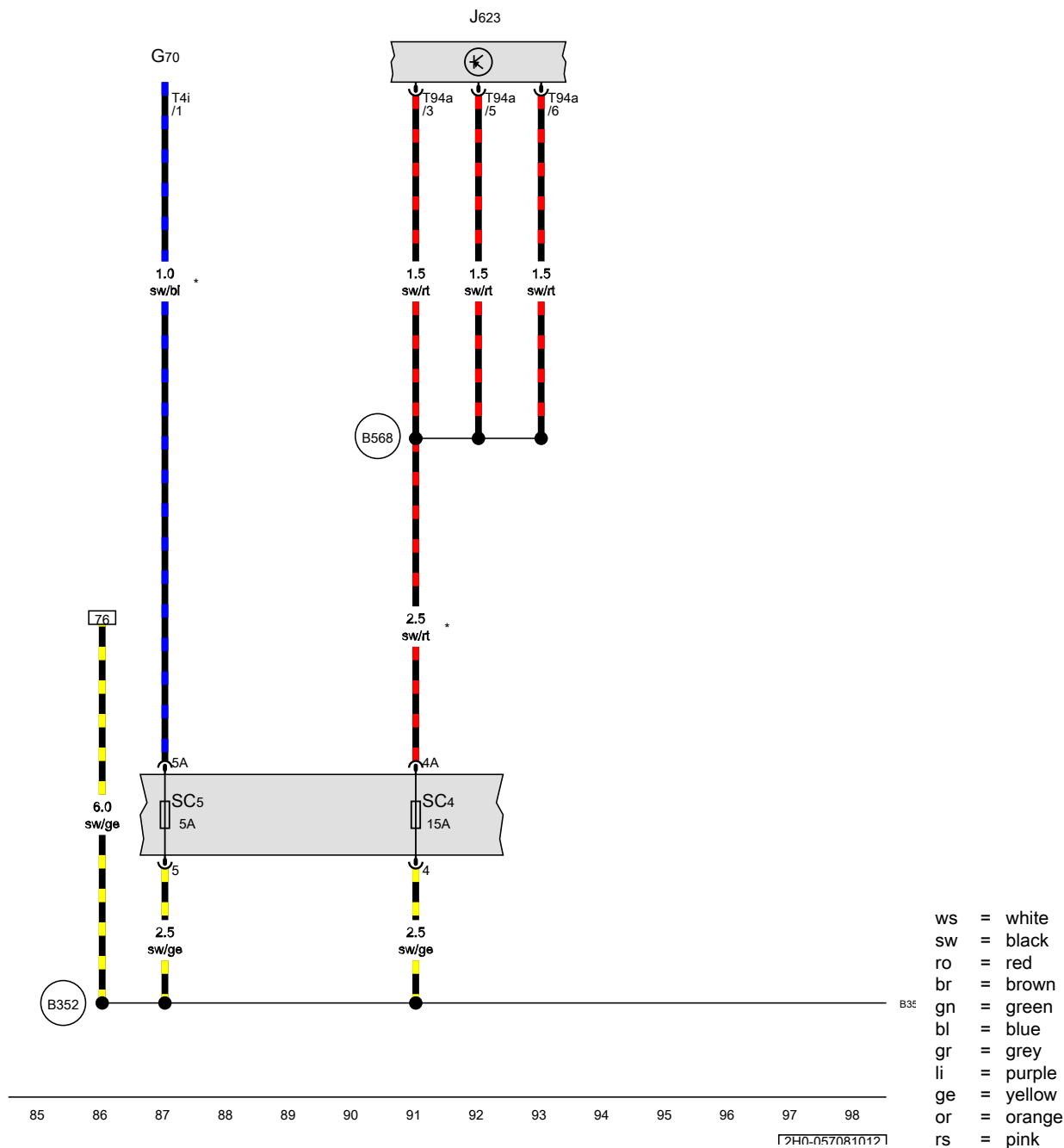
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

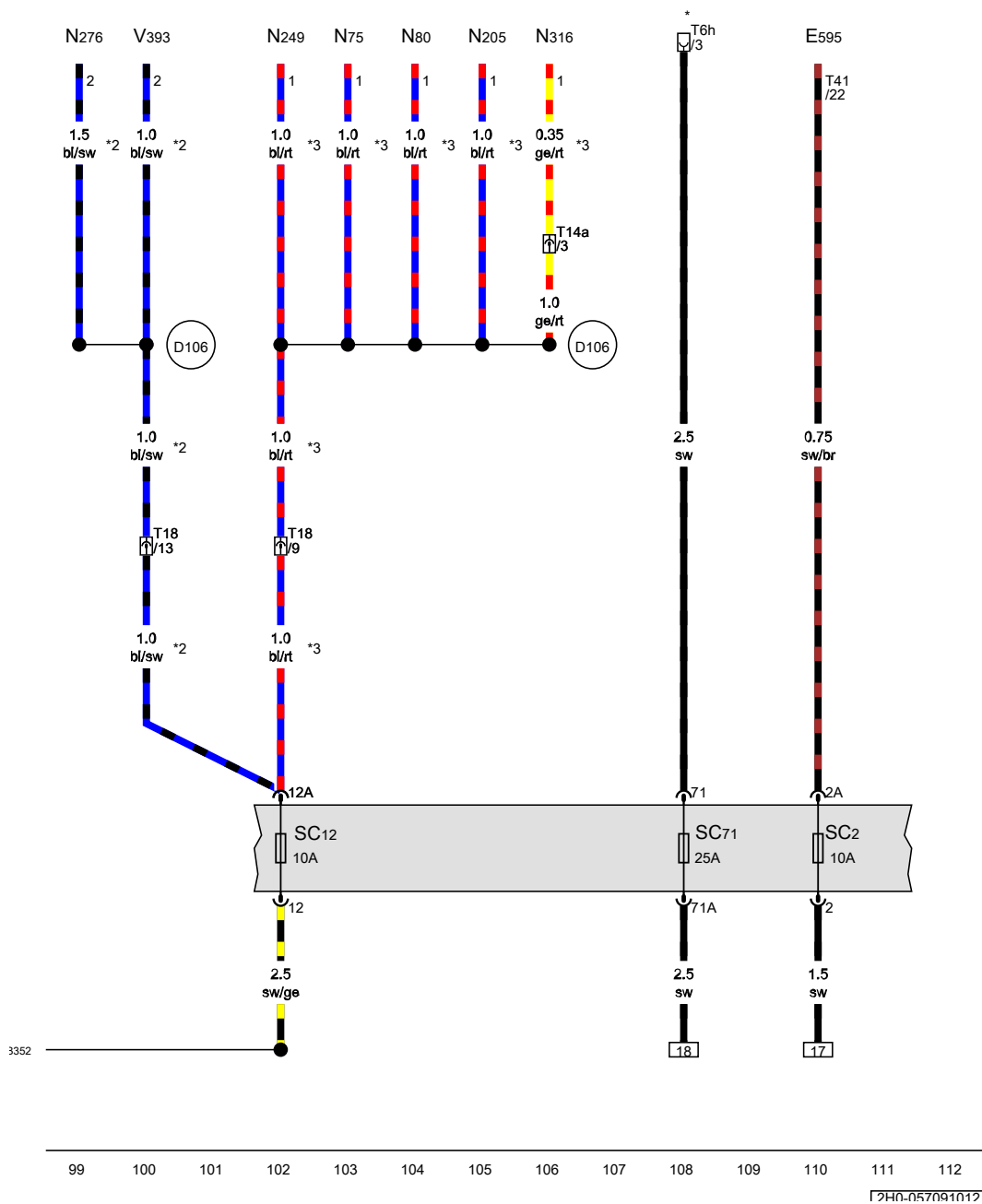
- G70 Air mass meter
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T94a 94-pin connector, black

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

 B568 Connection 35, in main wiring harness

* Only models with diesel engine





Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

- E595 Steering column combination switch
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N316 Intake manifold flap valve
- SC2 Fuse 2 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console, grey
- T14a 14-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T41 41-pin connector, grey
- V393 Supplementary fuel pump

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

D106 Connection 4 in engine compartment wiring harness

- * Only models with electric interface for external use
- *2 Only models with diesel engine
- *3 Only models with petrol engine

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- ge = yellow
- or = orange
- rs = pink

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

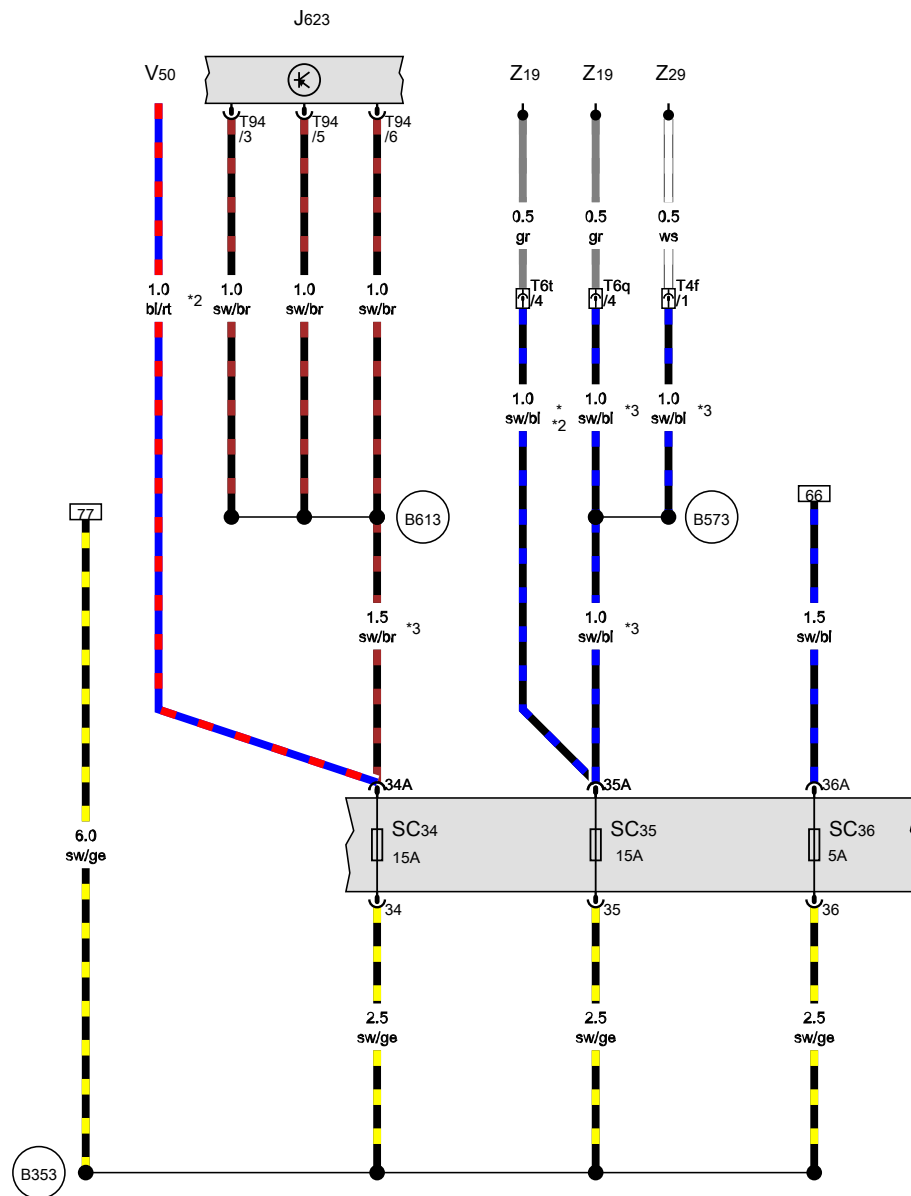
- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4f 4-pin connector, front right in engine compartment
- T6q 6-pin connector, front right in engine compartment
- T6t 6-pin connector, front right in engine compartment, black
- T94 94-pin connector
- V50 Coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

B573 Connection 40, in main wiring harness

B613 Connection 41, in main wiring harness

- * Only models with Euro 5 emission standard
- *2 Only models with diesel engine
- *3 Only models with petrol engine

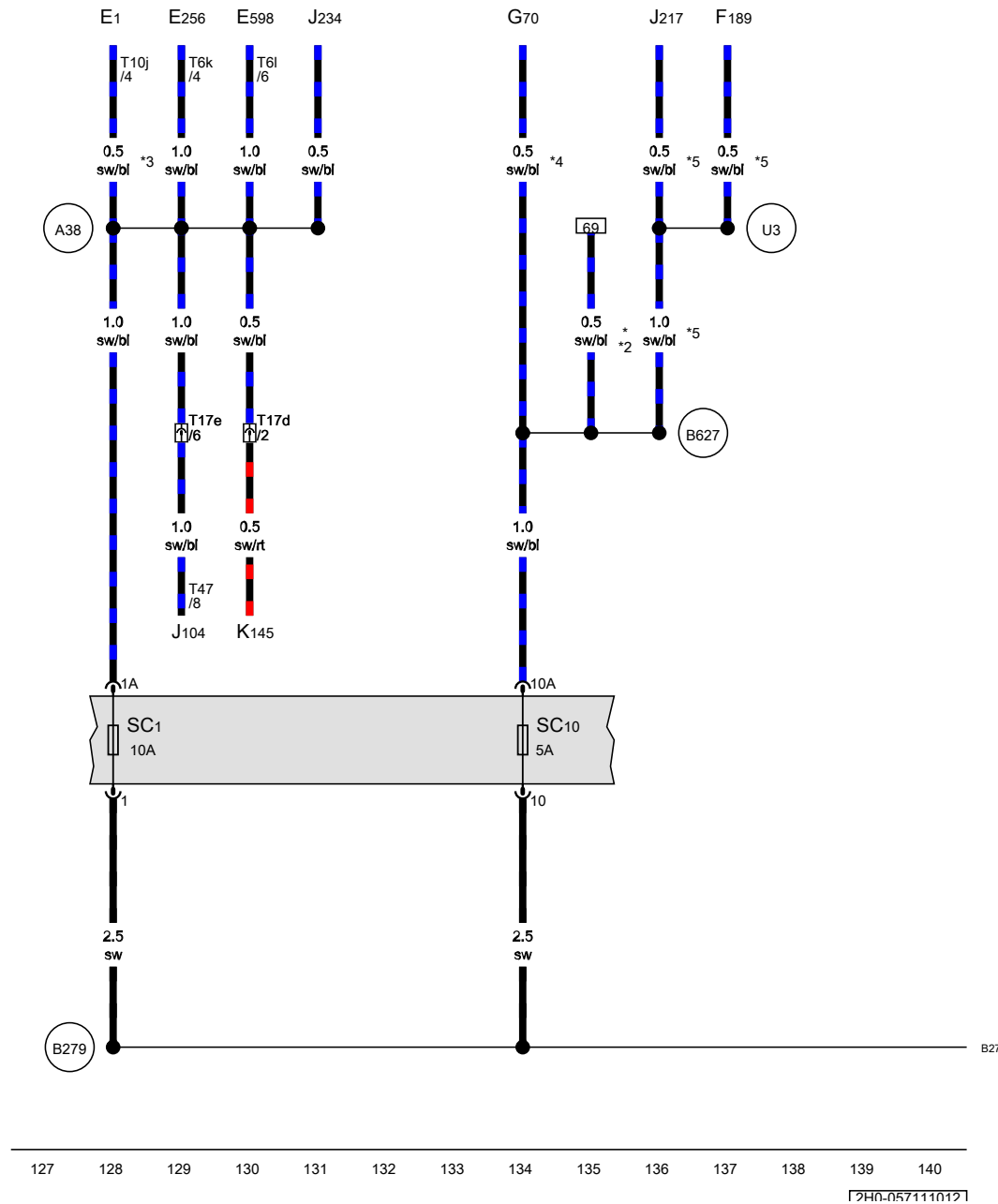


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

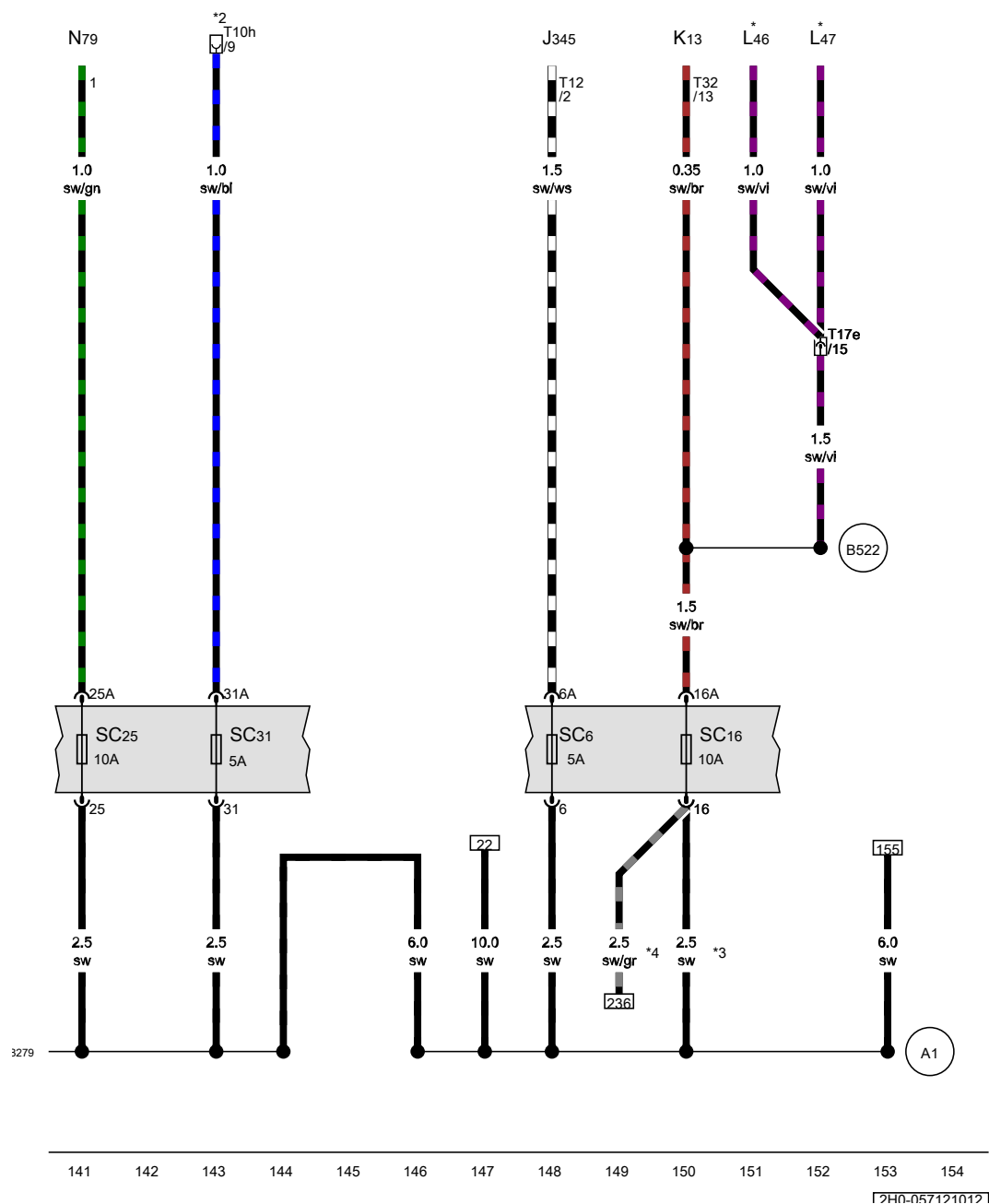
113 114 115 116 117 118 119 120 121 122 123 124 125 126

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Fuse 1 on fuse holder C, Fuse 10 on fuse holder C



- E1 Light switch
- E256 TCS and ESP button
- E598 Driving program button
- F189 Tiptronic switch
- G70 Air mass meter
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- SC1 Fuse 1 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T6k 6-pin connector, black
- T6l 6-pin connector, red
- T10j 10-pin connector, black
- T17d 17-pin connector, on left under dash panel, red
- T17e 17-pin connector, near handbrake lever, red
- T47 47-pin connector, black
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with automatic driving lights control
- *4 Only models with petrol engine
- *5 see applicable current flow diagram for automatic gearbox



Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 31 on fuse holder C

- J345 Trailer detector control unit
- K13 Rear fog light warning lamp
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- N79 Heater element for crankcase breather
- SC6 Fuse 6 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T10h 10-pin connector, purple
- T12 12-pin connector, red
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

A1 Positive connection (30a), in dash panel wiring harness

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

B522 Connection (FL), in main wiring harness

- * According to equipment
- *2 Only models with electric interface for external use
- *3 Only models with automatic driving lights control
- *4 Only models with no automatic headlight control with coming home

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

Fuse 42 on fuse holder C, Fuse 63 on fuse holder C

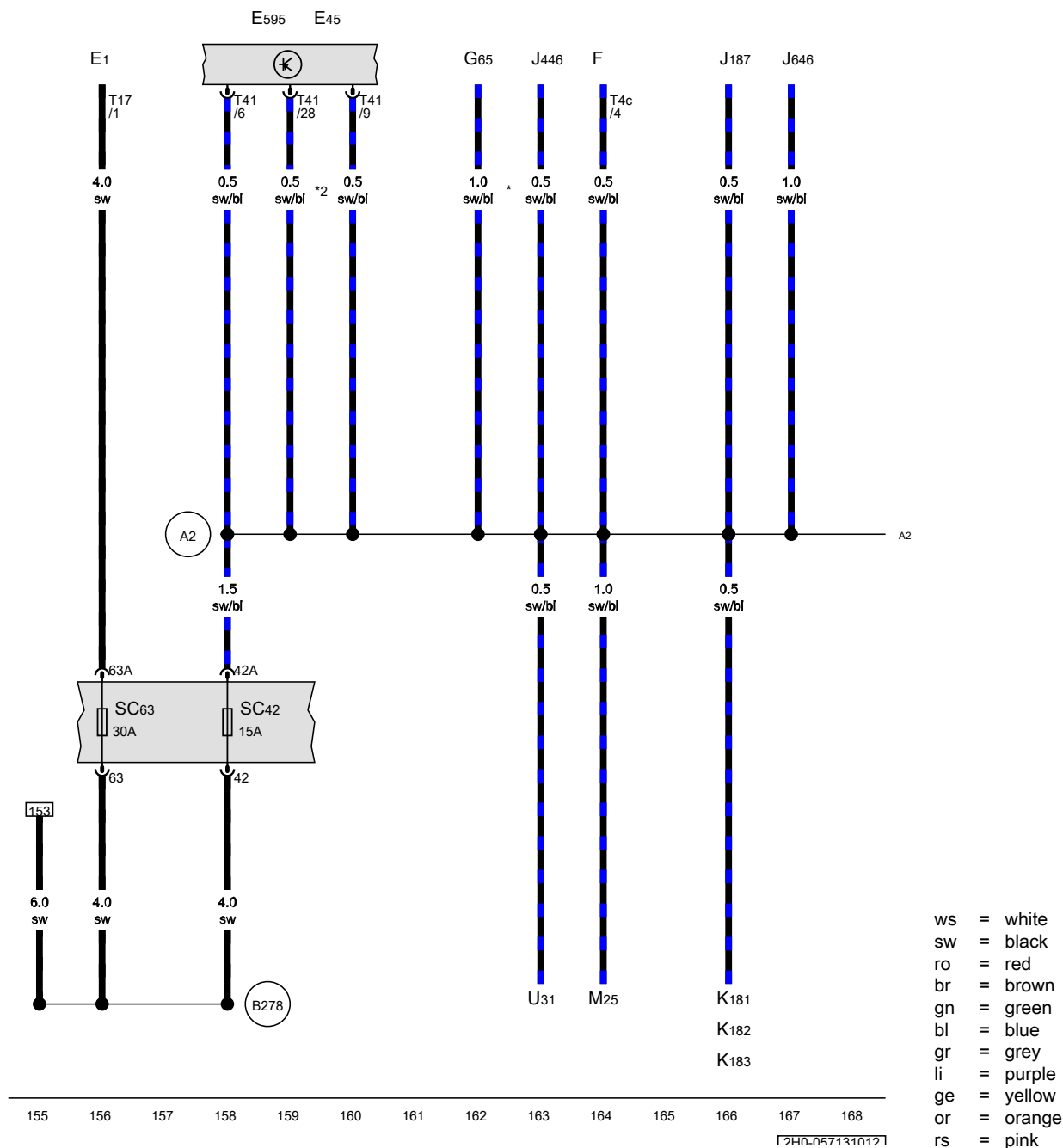
- E1 Light switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- F Brake light switch
- G65 High-pressure sender
- J187 Differential lock control unit
- J446 Parking aid control unit
- J646 Transfer box control unit
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit
- K183 Inter-axle lock-up warning lamp in transfer box operating unit
- M25 Additional brake light bulb
- SC42 Fuse 42 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T4c 4-pin connector, black
- T17 17-pin connector, black
- T41 41-pin connector, grey
- U31 Diagnostic connection

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

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

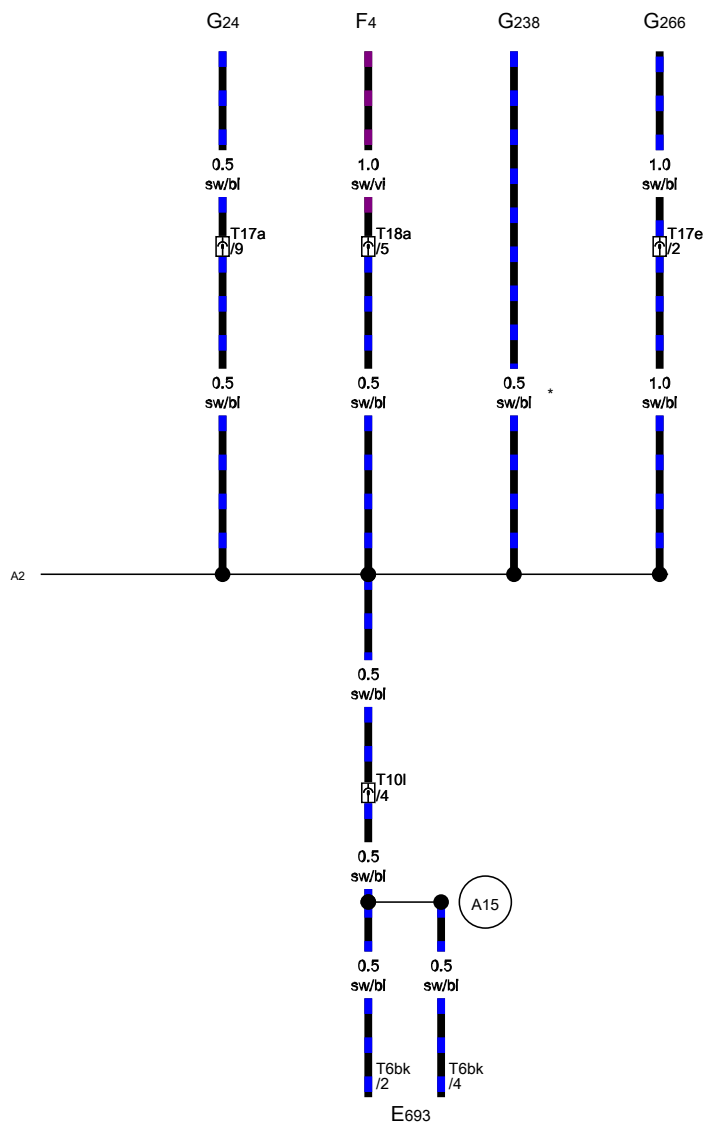
* Only models with air conditioning system/ Climatronic

*2 Only models with cruise control system



Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender

- E693 Start/Stop operation button
- F4 Reversing light switch
- G24 Tachograph
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- T6bk 6-pin connector, brown
- T10l 10-pin connector, blue
- T17a 17-pin connector, behind glove compartment, black
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- A2 Positive connection (15), in dash panel wiring harness
- A15 Positive connection (15), in instrument wiring harness
- * Only models with Climatronic



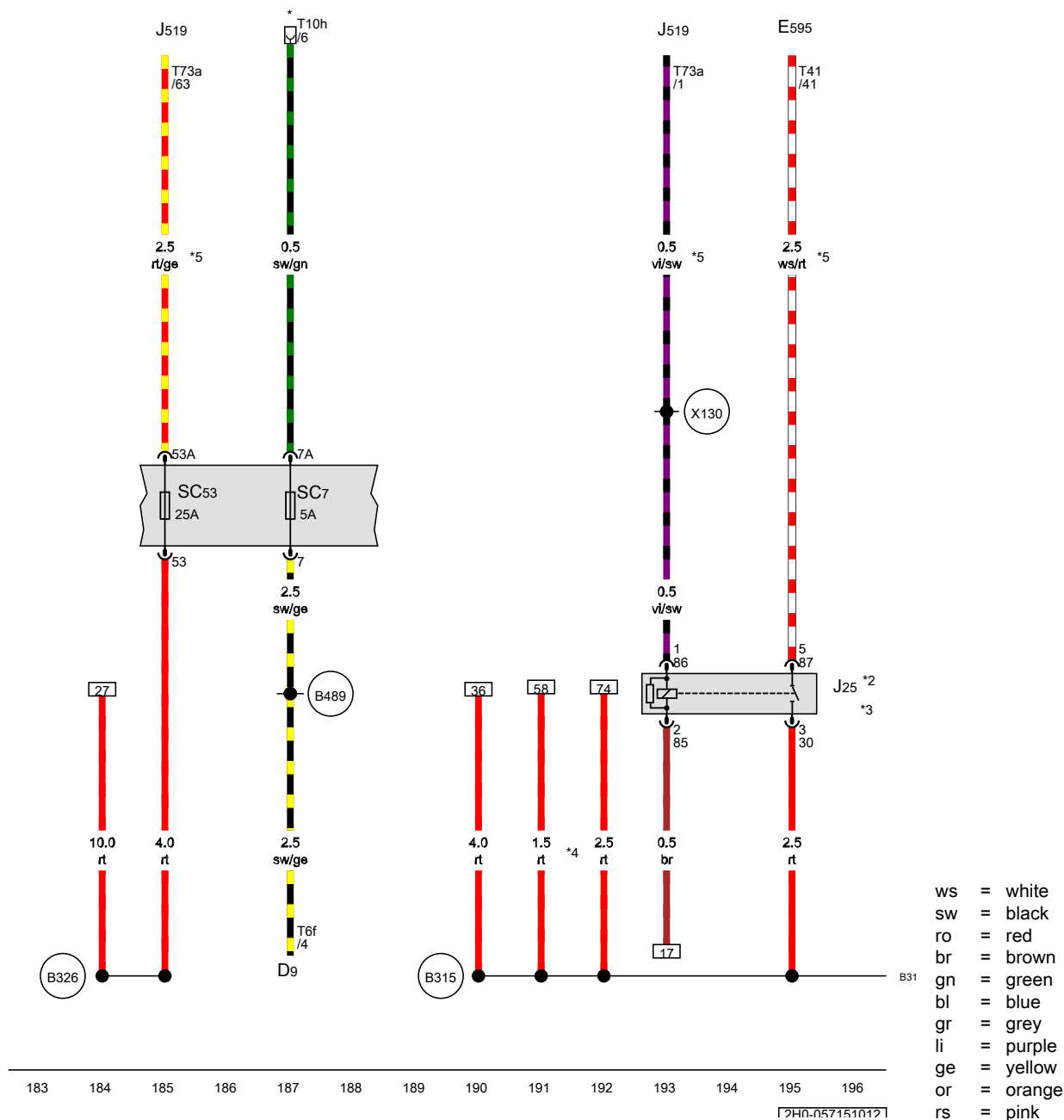
ws = white
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 or = orange
 rs = pink

Headlight relay, Fuse 7 on fuse holder C, Fuse 53 on fuse holder C

- D9 Electronic ignition lock
- E595 Steering column combination switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC7 Fuse 7 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T6f 6-pin connector, black
- T10h 10-pin connector, purple
- T41 41-pin connector
- T73a 73-pin connector, black

- B315 Positive connection 1 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B489 Connection 25, in main wiring harness
- X130 Connection 3, in optional equipment wiring harness

- * Only models with electric interface for external use
- *2 Only models with start/stop system
- *3 Only models with automatic driving lights control
- *4 Only models with petrol engine
- *5 Coming home with rain sensor



Starter motor relay, Terminal 58b relief relay

D9 Electronic ignition lock
J53 Starter motor relay
J374 Terminal 58b relief relay

B276 Positive connection (50), in main wiring harness

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

B476 Connection 12, in main wiring harness

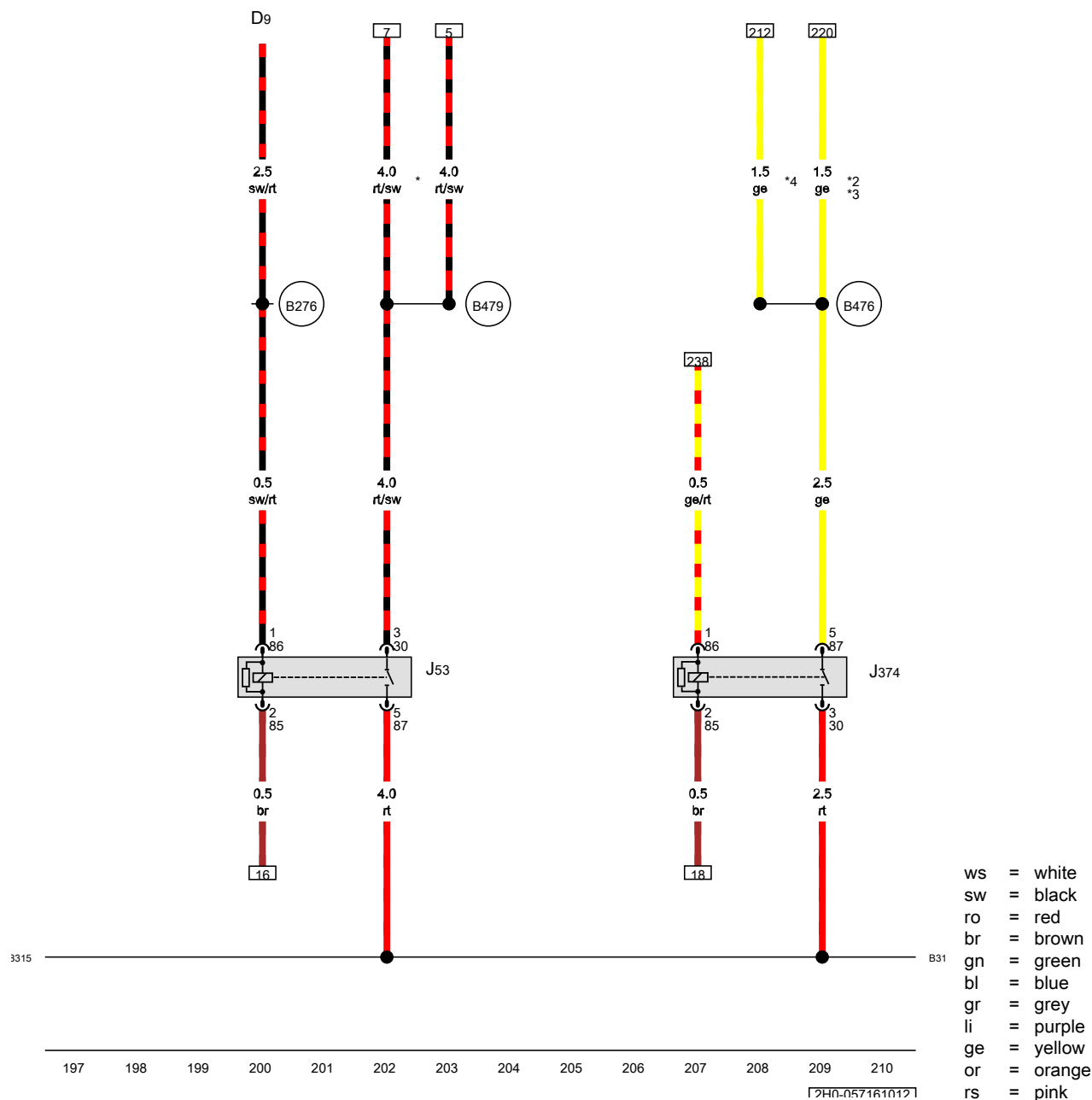
B479 Connection 15, in main wiring harness

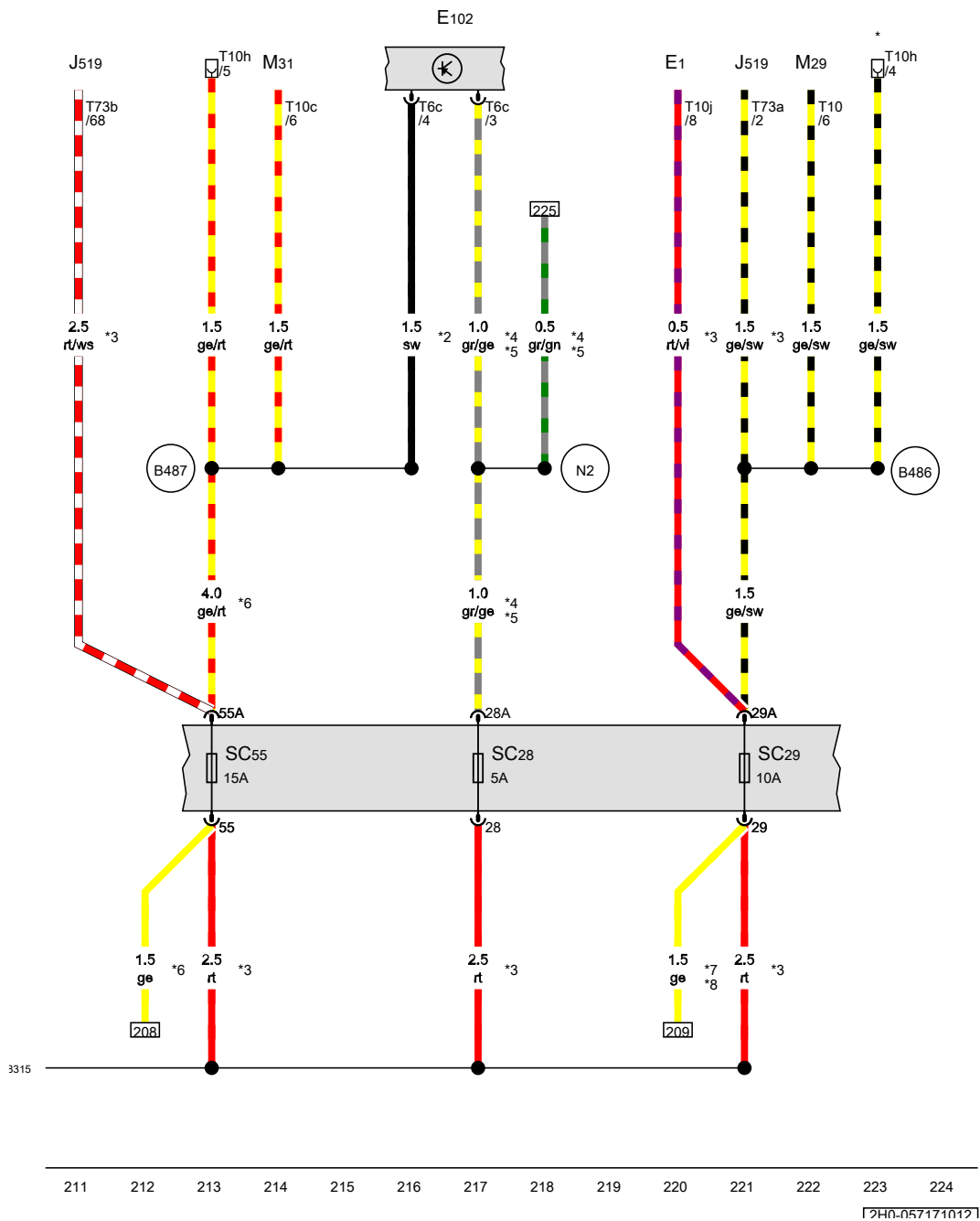
* see applicable current flow diagram for engine

*2 Only models with Trendline equipment

*3 Only models with basic equipment

*4 Only models with no automatic headlight control with coming home



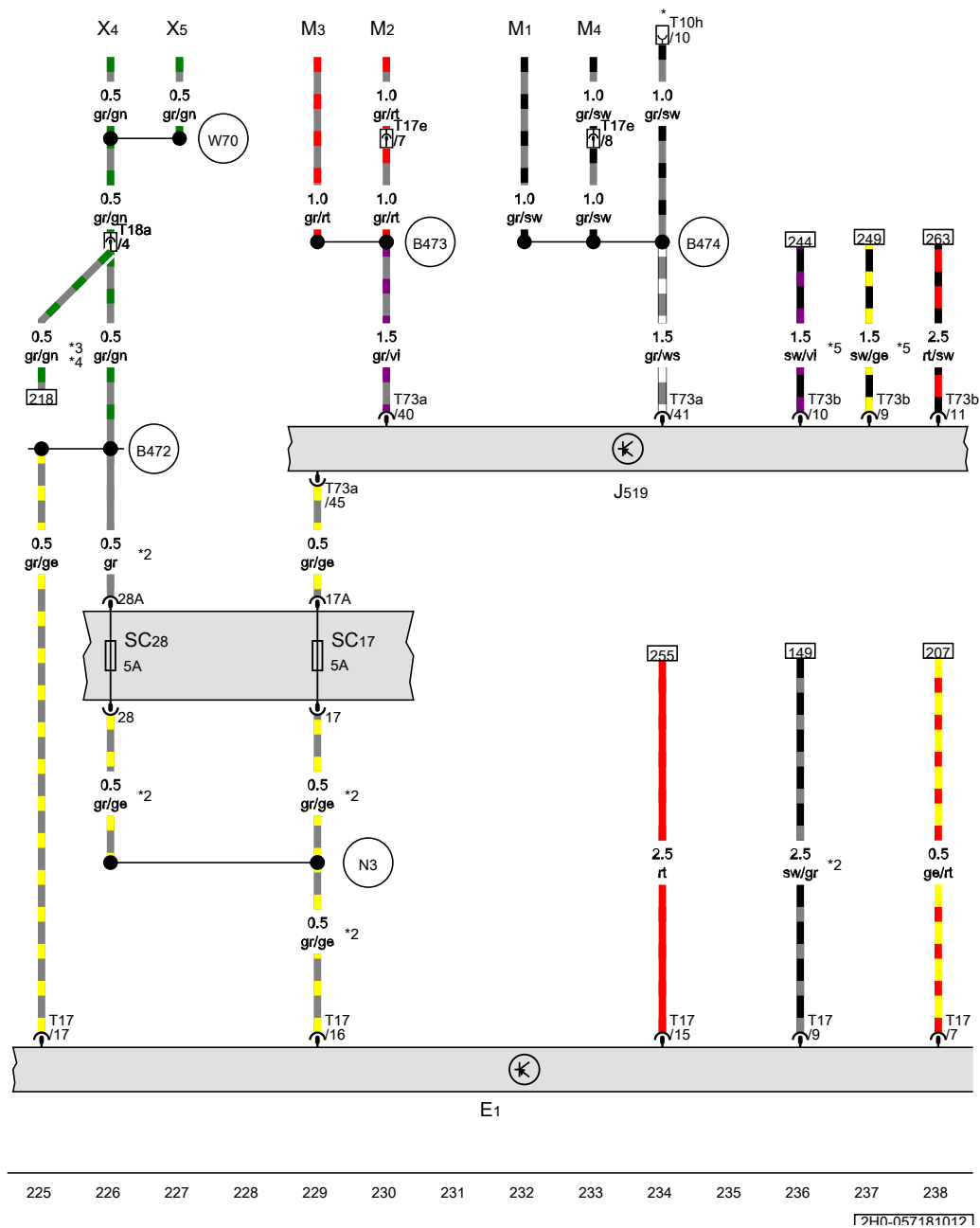


Fuse 28 on fuse holder C, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

- E1 Light switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- M29 Left headlight dipped beam bulb
- M31 Right headlight dipped beam bulb
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T6c 6-pin connector
- T10 10-pin connector
- T10c 10-pin connector, black
- T10h 10-pin connector, purple
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- B315 Positive connection 1 (30a) in main wiring harness
- B486 Connection 22, in main wiring harness
- B487 Connection 23, in main wiring harness
- N2 Connection 1, in headlight range control wiring harness
- * Only models with electric interface for external use
- *2 Only models with headlight range control
- *3 Only models with automatic driving lights control
- *4 Only models with Highline equipment
- *5 Coming home with rain sensor
- *6 Only models with no automatic headlight control with coming home
- *7 Only models with Trendline equipment
- *8 Only models with basic equipment

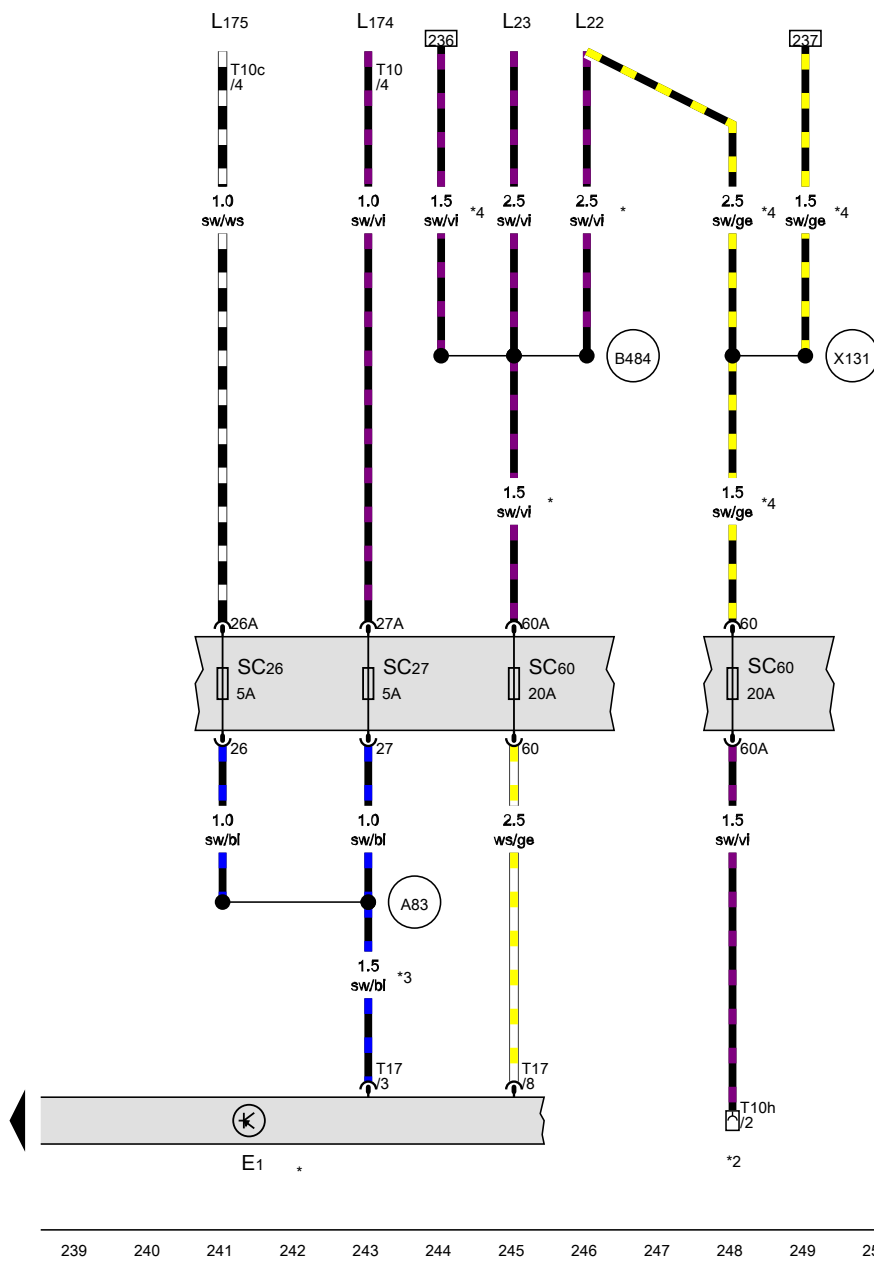
Fuse 17 on fuse holder C, Fuse 28 on fuse holder C

- E1 Light switch
- J519 Onboard supply control unit
- M1 Left side light bulb
- M2 Right tail light bulb
- M3 Right side light bulb
- M4 Left tail light bulb
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T10h 10-pin connector, purple
- T17 17-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- X4 Left number plate light
- X5 Right number plate light
- B472 Connection 8, in main wiring harness
- B473 Connection 9, in main wiring harness
- B474 Connection 10, in main wiring harness
- N3 Connection 2, in headlight range control wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness
- * Only models with electric interface for external use
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with Highline equipment
- *4 Coming home with rain sensor
- *5 Only models with automatic driving lights control



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

Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C



- E1 Light switch
- L22 Left fog light bulb
- L23 Right fog light bulb
- L174 Left daytime running light bulb
- L175 Right daytime running light bulb
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- T10 10-pin connector, black
- T10c 10-pin connector, black
- T10h 10-pin connector, purple
- T17 17-pin connector, black
- A83 Connection (daytime running lights), in dash panel wiring harness
- B484 Connection 20, in main wiring harness
- X131 Connection 4, in optional equipment wiring harness
- * Only models with no automatic headlight control with coming home
- *2 Only models with electric interface for external use
- *3 Only models with daytime running lights
- *4 Only models with automatic driving lights control

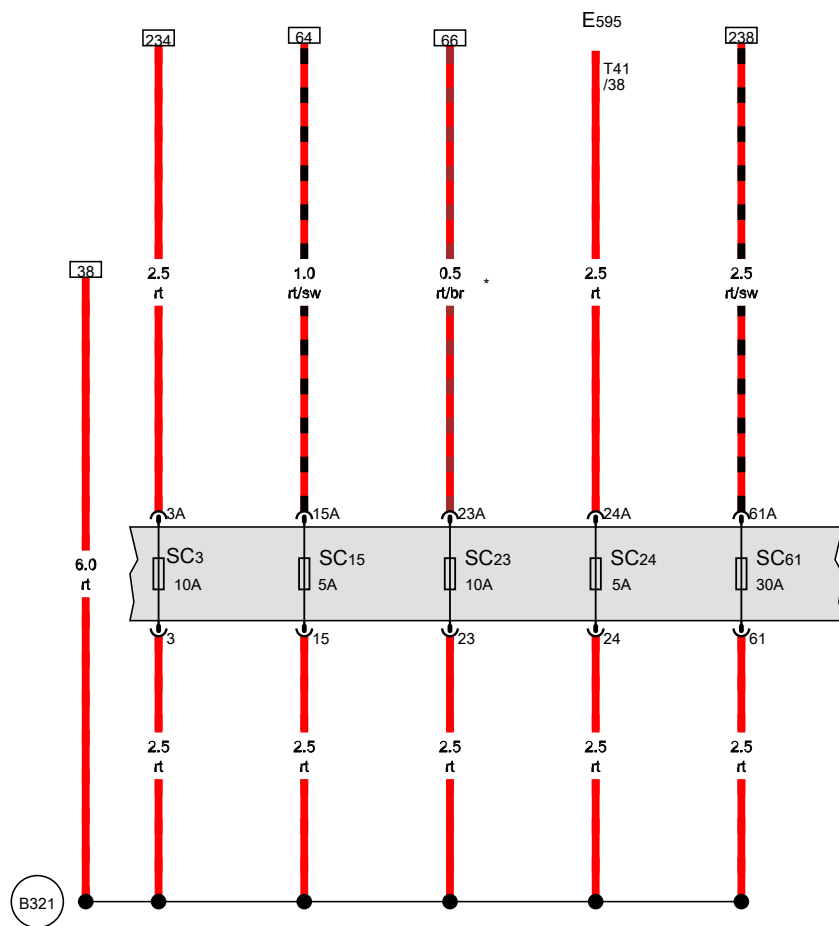
ws = white
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 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 61 on fuse holder C

- E595 Steering column combination switch
- SC3 Fuse 3 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T41 41-pin connector, grey

B321 Positive connection 7 (30a) in main wiring harness

* see applicable current flow diagram for engine



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

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

[740-057201012]

Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC18 Fuse 18 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T8f 8-pin connector, in rear right of engine compartment, black
- T10 10-pin connector, black
- T10c 10-pin connector, black
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- V5 Washer pump

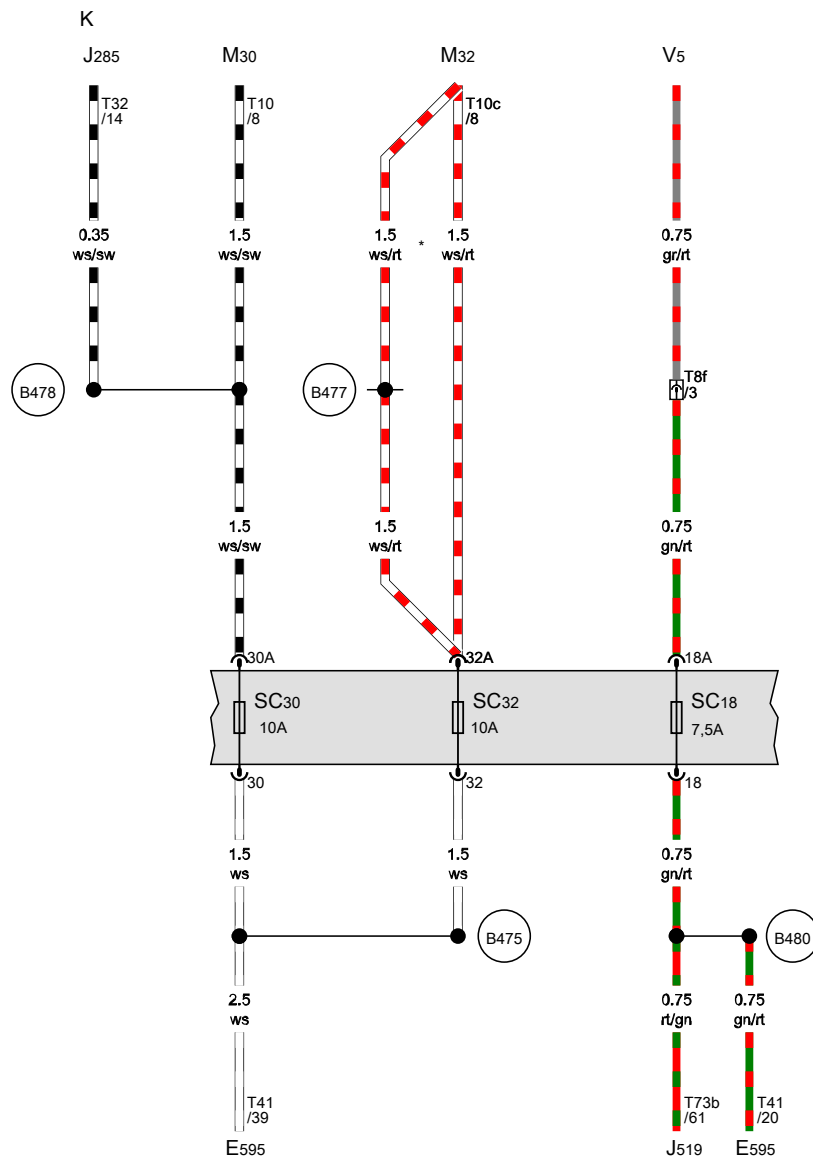
B475 Connection 11, in main wiring harness

B477 Connection 13, in main wiring harness

B478 Connection 14, in main wiring harness

B480 Connection 16, in main wiring harness

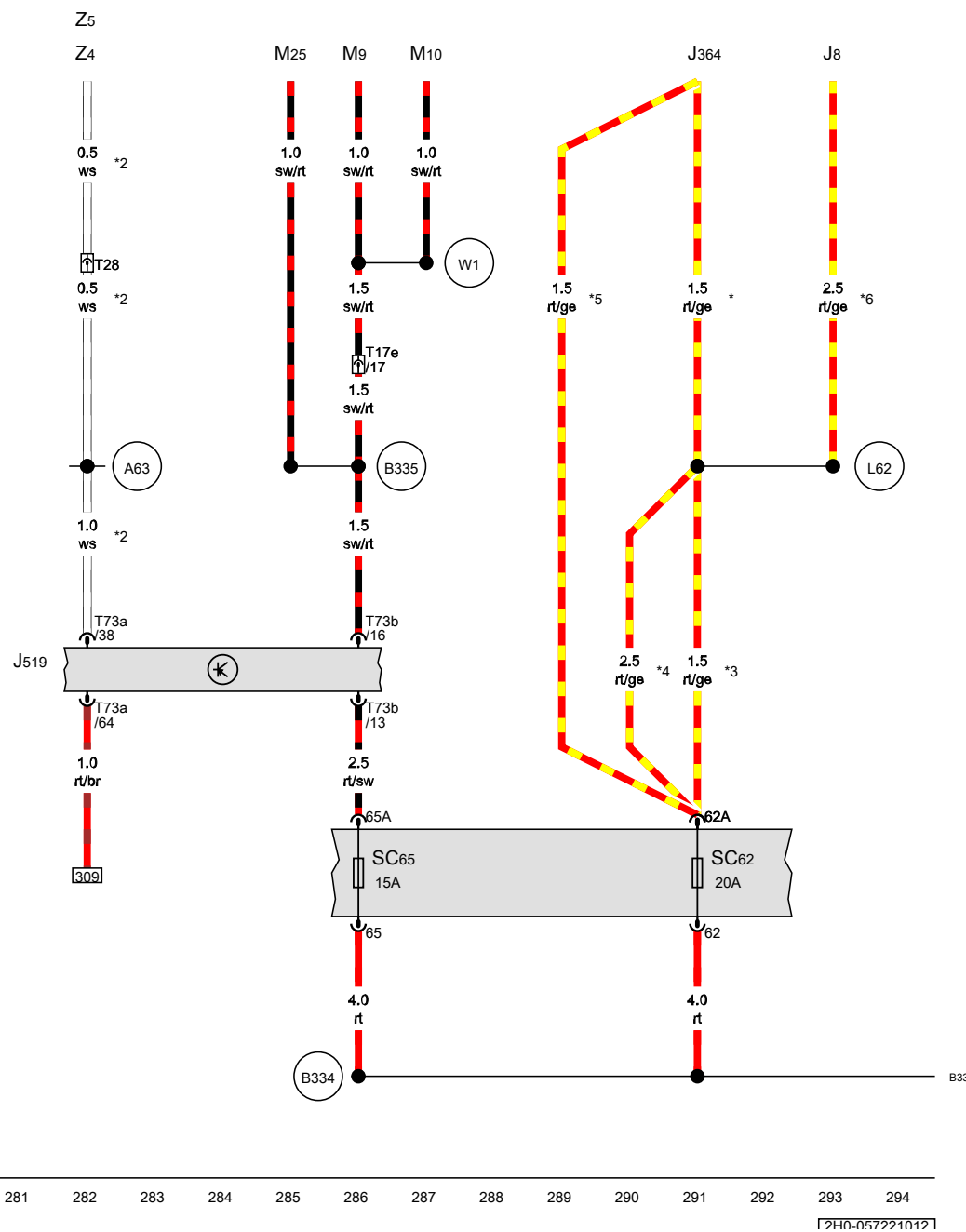
* Only models with no electric interface

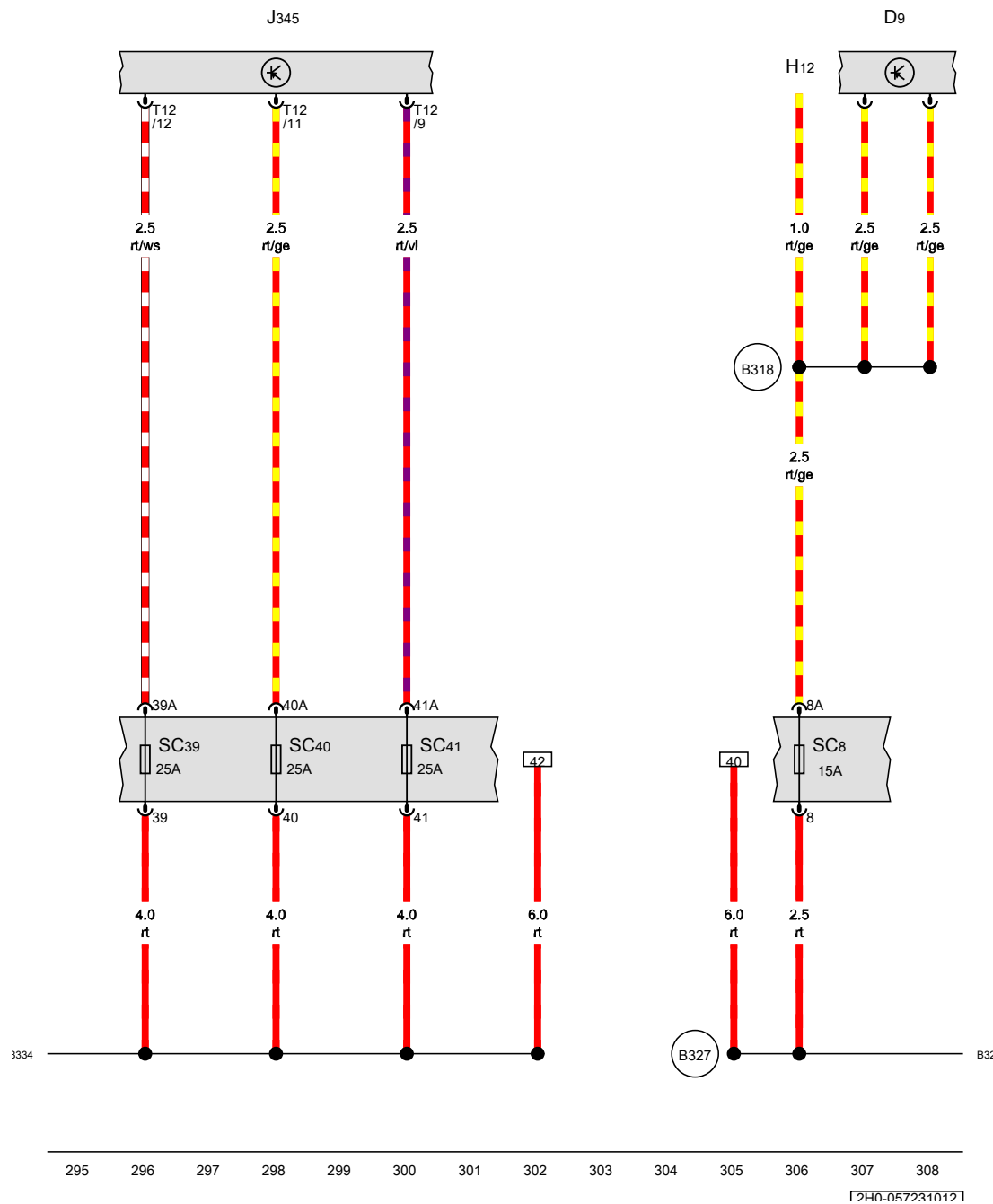


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 62 on fuse holder C, Fuse 65 on fuse holder C

- J8 Auxiliary heater relay
- J364 Auxiliary heater control unit
- J519 Onboard supply control unit
- M9 Left brake light bulb
- M10 Right brake light bulb
- M25 Additional brake light bulb
- SC62 Fuse 62 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T17e 17-pin connector, near handbrake lever, red
- T28 28-pin connector, near A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- Z4 Heated exterior mirror on driver side
- Z5 Heated exterior mirror on front passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- B334 Positive connection 20 (30a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- * Only models with air conditioning system/ Climatronic
- *2 see applicable current flow diagram for window regulators/ basic equipment/ convenience system
- *3 Only models with Climatronic
- *4 Only models with Climatic
- *5 Only models with no air conditioning system/Climatronic
- *6 see applicable current flow diagram for auxiliary coolant heater



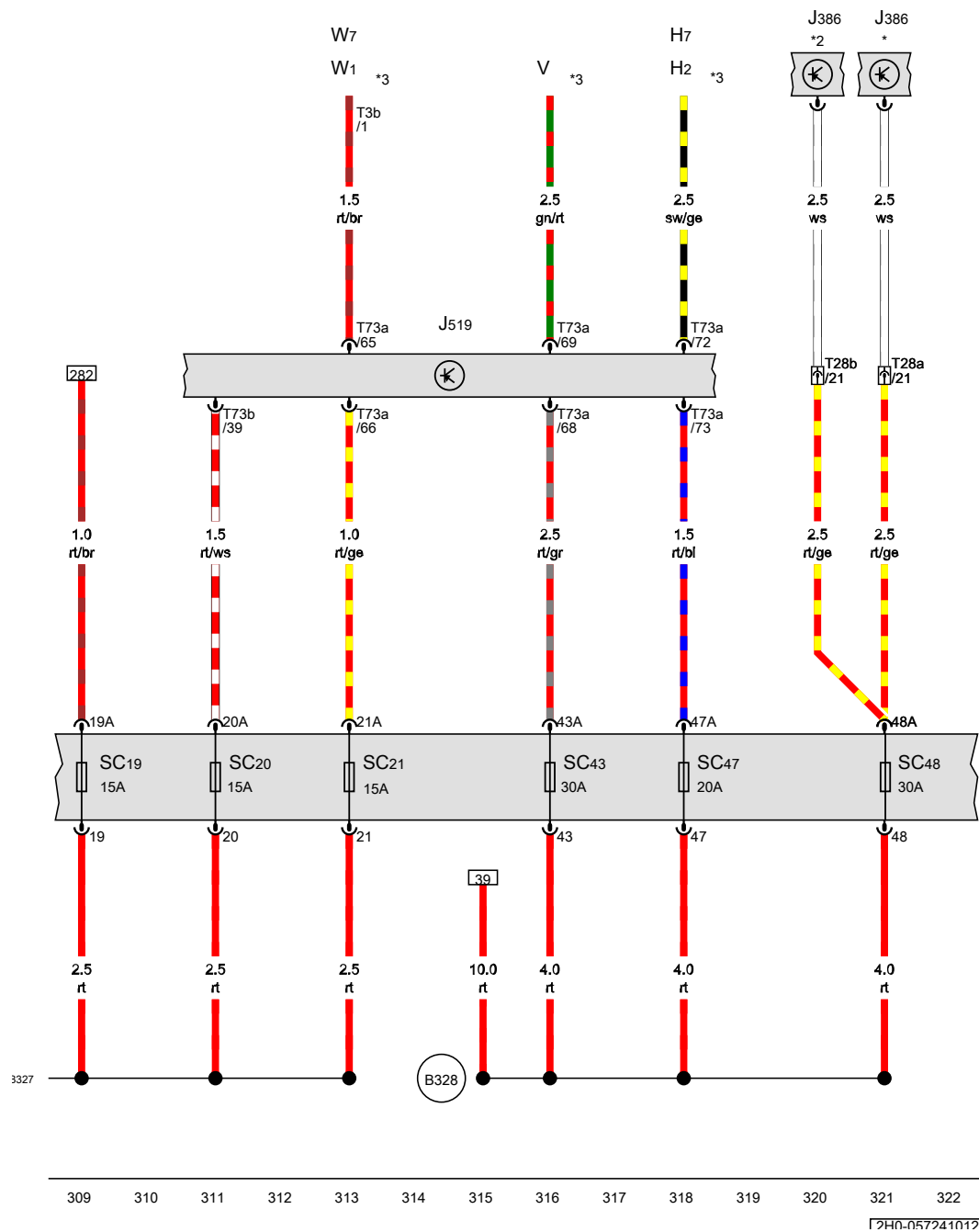


Fuse 8 on fuse holder C, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C

- D9 Electronic ignition lock
- H12 Alarm horn
- J345 Trailer detector control unit
- SC8 Fuse 8 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
- T12 12-pin connector, red

- B318 Positive connection 4 (30a) in main wiring harness
- B327 Positive connection 13 (30a) in main wiring harness
- B334 Positive connection 20 (30a) in main wiring harness

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Fuse 19 on fuse holder C, Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J519 Onboard supply control unit
- SC19 Fuse 19 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T3b 3-pin connector
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor
- W1 Front interior light
- W7 Centre interior light
- B327 Positive connection 13 (30a) in main wiring harness
- B328 Positive connection 14 (30a) in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 see applicable current flow diagram for basic equipment

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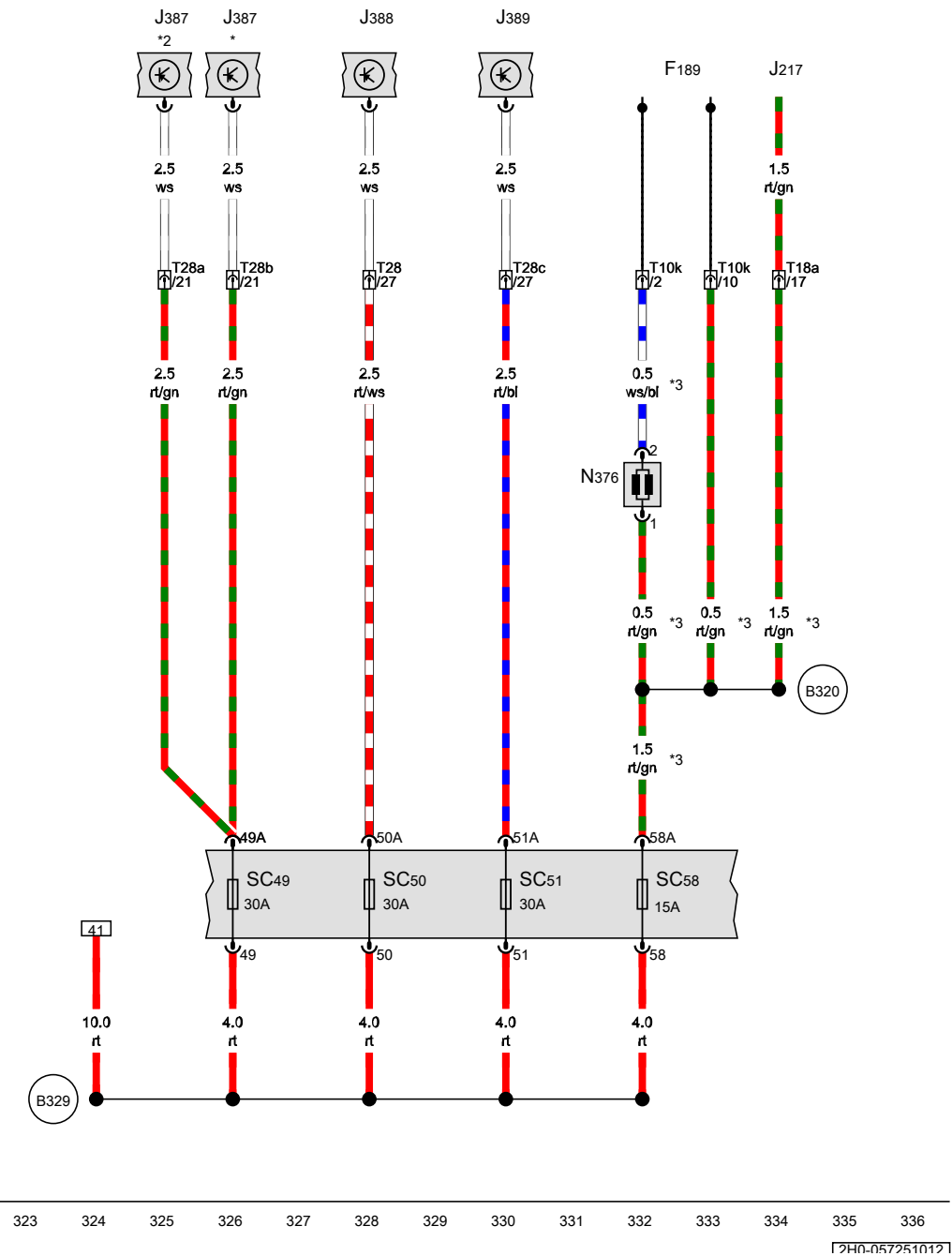
Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

- F189 Tiptronic switch
- J217 Automatic gearbox control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- N376 Ignition key withdrawal lock solenoid
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T10k 10-pin connector, in left footwell, near centre console, purple
- T18a 18-pin connector, near engine control unit, grey
- T28 28-pin connector, near A-pillar
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector

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

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

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with automatic gearbox



Voltage supply relay 2, Fuse 54 on fuse holder C, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

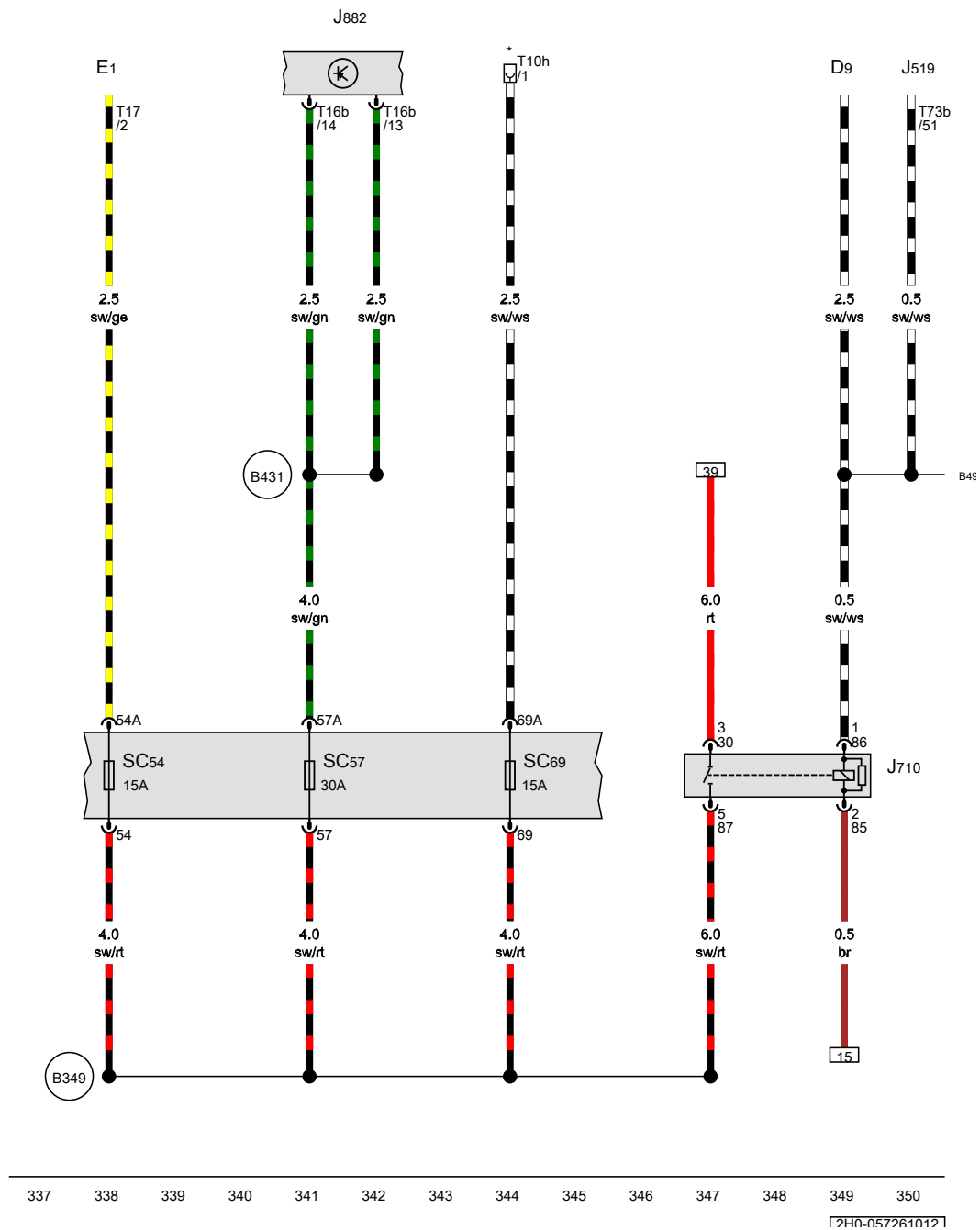
- D9 Electronic ignition lock
- E1 Light switch
- J519 Onboard supply control unit
- J710 Voltage supply relay 2
- J882 Seat heating control unit
- SC54 Fuse 54 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- T10h 10-pin connector, purple
- T16b 16-pin connector, black
- T17 17-pin connector, black
- T73b 73-pin connector, colourless

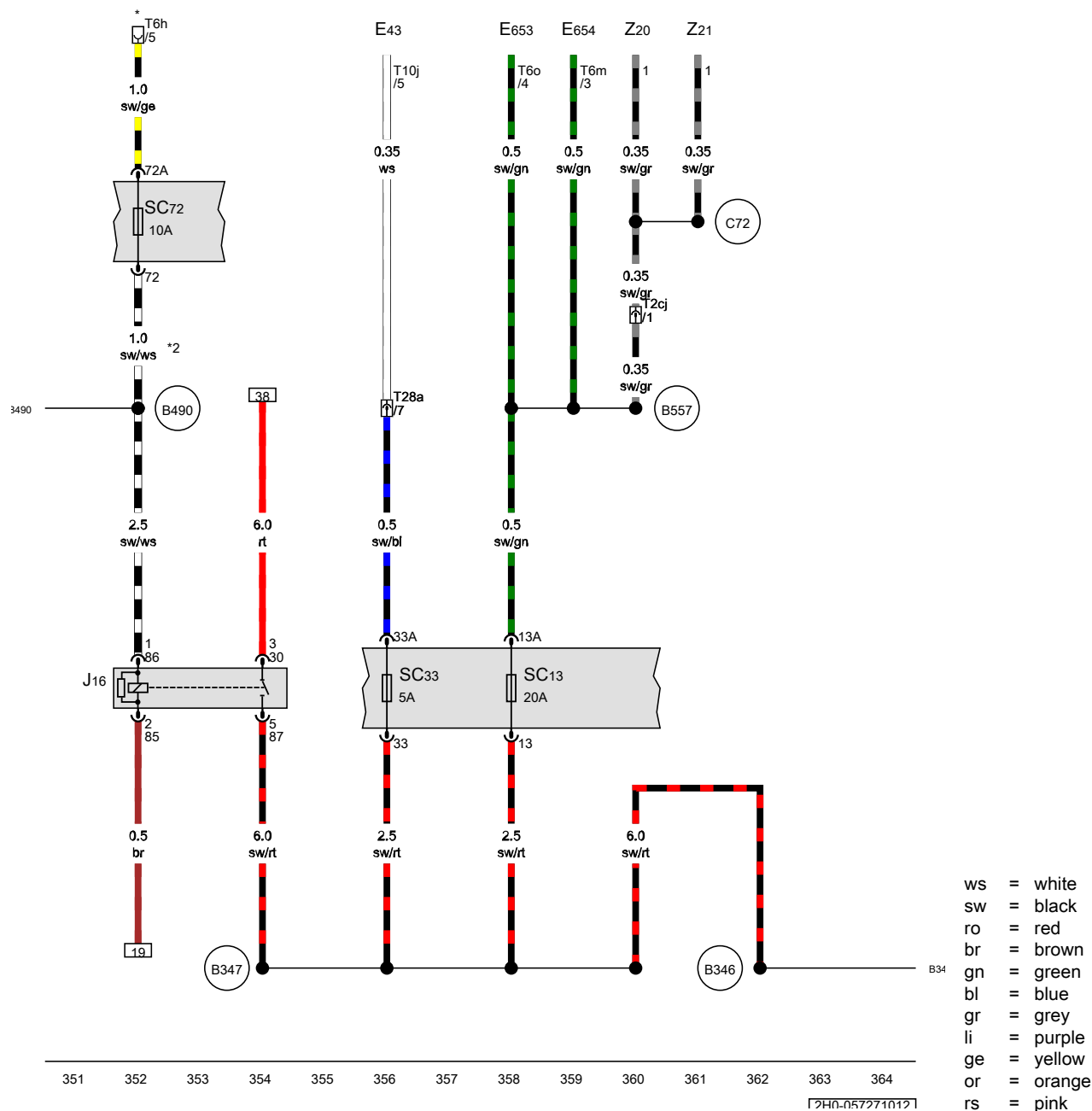
B349 Connection 2 (75a), in main wiring harness

B431 Connection (seat heating), in main wiring harness

B490 Connection 26, in main wiring harness

* Only models with electric interface for external use





Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 72 on fuse holder C

- E43 Mirror adjustment switch
- E653 Button for left seat heating
- E654 Button for right seat heating
- J16 Current supply relay
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T2cj 2-pin connector, near window wiper motor, black
- T6h 6-pin connector, in left footwell, near centre console, grey
- T6m 6-pin connector, white
- T6o 6-pin connector, blue
- T10j 10-pin connector, black
- T28a 28-pin connector, in left A-pillar
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

B346 Connection 1 (75), in main wiring harness

B347 Connection 2 (75), in main wiring harness

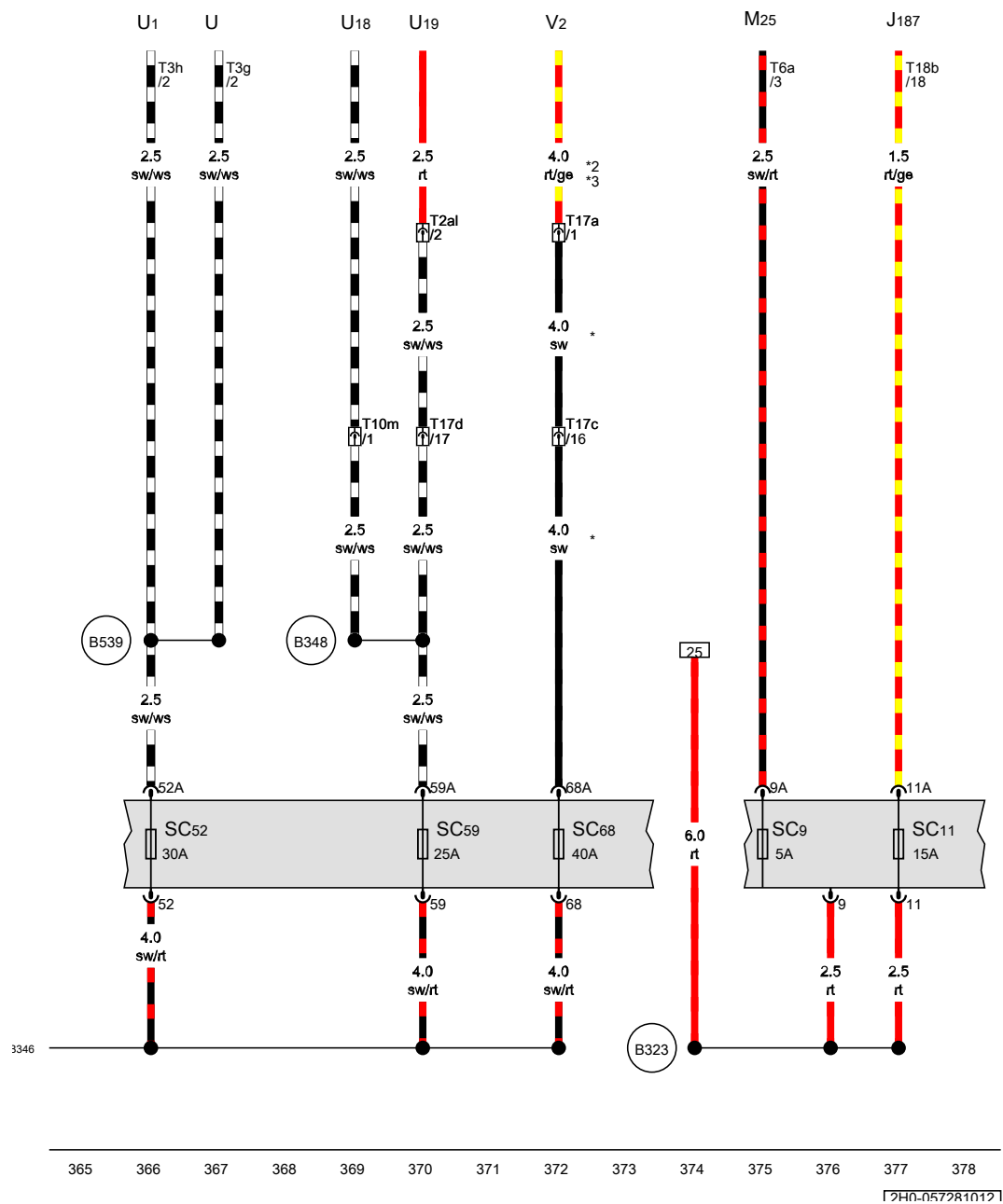
B490 Connection 26, in main wiring harness

B557 Positive connection 21 (30a) in main wiring harness

C72 Positive connection in heated washer jet wiring harness

* Only models with electric interface for external use

*2 Only models with fog lights



Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 52 on fuse holder C, Fuse 59 on fuse holder C, Fuse 68 on fuse holder C

- J187 Differential lock control unit
- M25 Additional brake light bulb
- SC9 Fuse 9 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing, black
- T3g 3-pin connector
- T3h 3-pin connector, transparent
- T6a 6-pin connector
- T10m 10-pin connector, near handbrake lever, brown
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, black
- T17d 17-pin connector, on left under dash panel, red
- T18b 18-pin connector
- U Electric socket, on centre console switch module
- U1 Cigarette lighter, on centre console switch module
- U18 12 V socket 2, in storage compartment, in centre of dash panel
- U19 12 V socket 3, in rear left wheel housing
- V2 Fresh air blower

B323 Positive connection 9 (30a) in main wiring harness

B346 Connection 1 (75), in main wiring harness

B348 Connection 1 (75a), in main wiring harness

B539 Connection 30, in main wiring harness

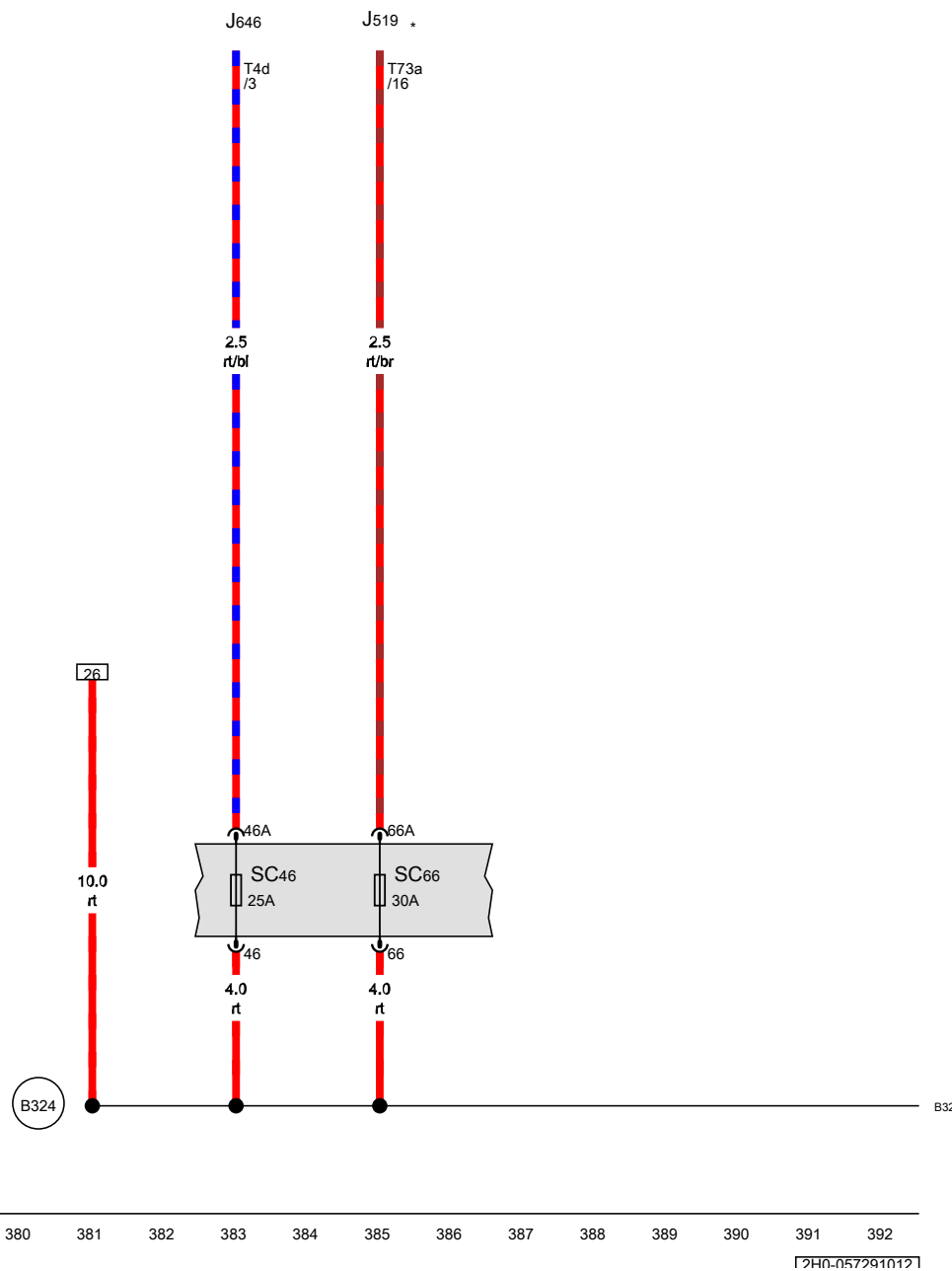
- * Only models with no Climatronic
- *2 see applicable current flow diagram for manually controlled heater
- *3 Only models with air conditioning system

Fuse 46 on fuse holder C, Fuse 66 on fuse holder C

- J519 Onboard supply control unit
- J646 Transfer box control unit
- SC46 Fuse 46 on fuse holder C
- SC66 Fuse 66 on fuse holder C
- T4d 4-pin connector
- T73a 73-pin connector

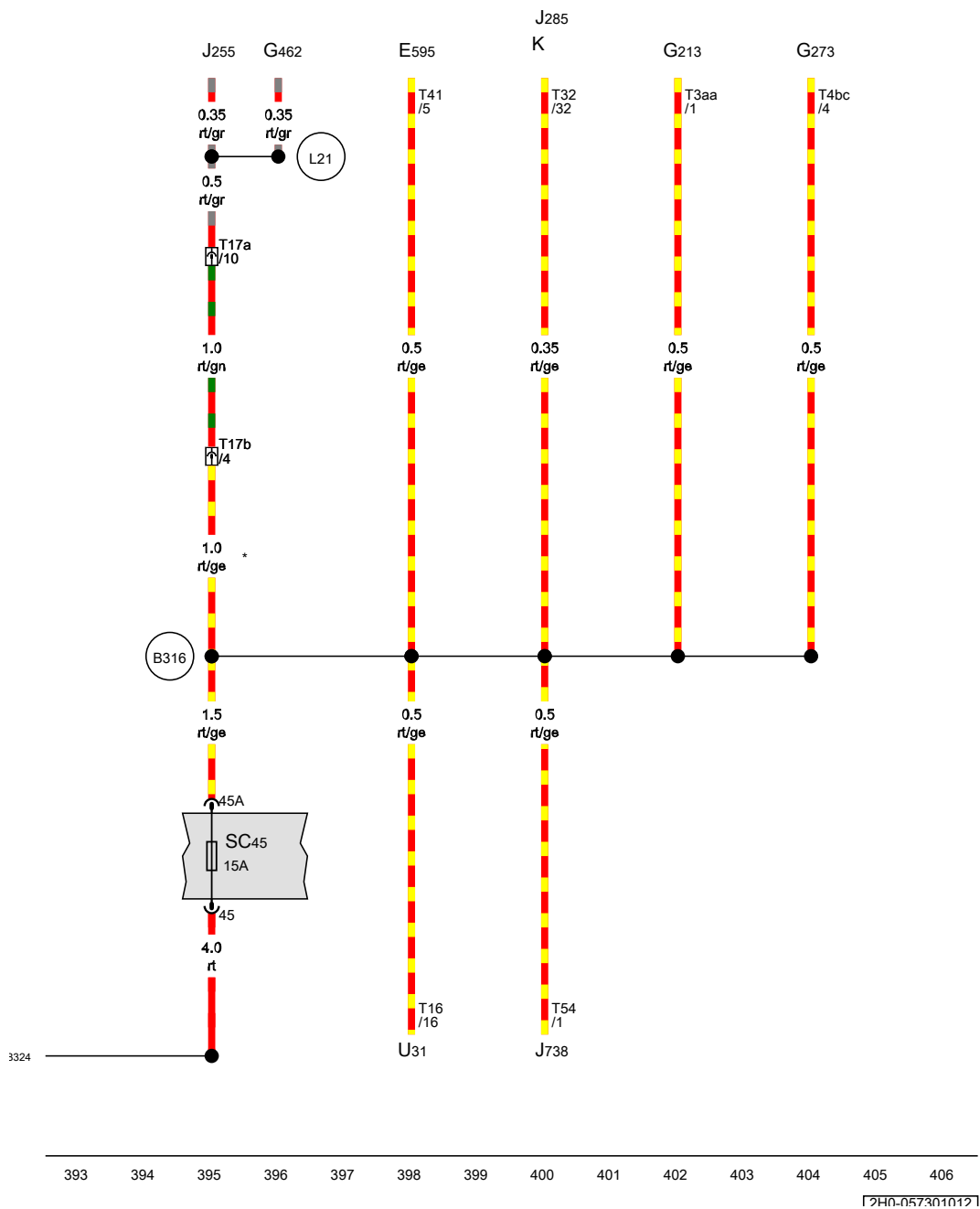
B324 Positive connection 10 (30a) in main wiring harness

* see applicable current flow diagram for basic equipment/ central locking



- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
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[740-057291012]



Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Diagnostic connection

- E595 Steering column combination switch
 - G213 Rain sensor
 - G273 Interior monitoring sensor
 - G462 Sender for front Bitron blower regulation
 - J255 Climatronic control unit
 - J285 Control unit in dash panel insert
 - J738 Telephone controls control unit
 - K Dash panel insert
 - SC45 Fuse 45 on fuse holder C
 - T3aa 3-pin connector, black
 - T4bc 4-pin connector
 - T16 16-pin connector, black
 - T17a 17-pin connector, behind glove compartment, black
 - T17b 17-pin connector, on left under dash panel, brown
 - T32 32-pin connector, blue
 - T41 41-pin connector, grey
 - T54 54-pin connector
 - U31 Diagnostic connection
- (B316) Positive connection 2 (30a) in main wiring harness
- (B324) Positive connection 10 (30a) in main wiring harness
- (L21) Connection 1 (30), in Climatronic operating unit wiring harness
- * Only models with Climatronic

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Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- R Radio
- SC44 Fuse 44 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T8c 8-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, black
- T73b 73-pin connector
- V2 Fresh air blower
- Z1 Heated rear window

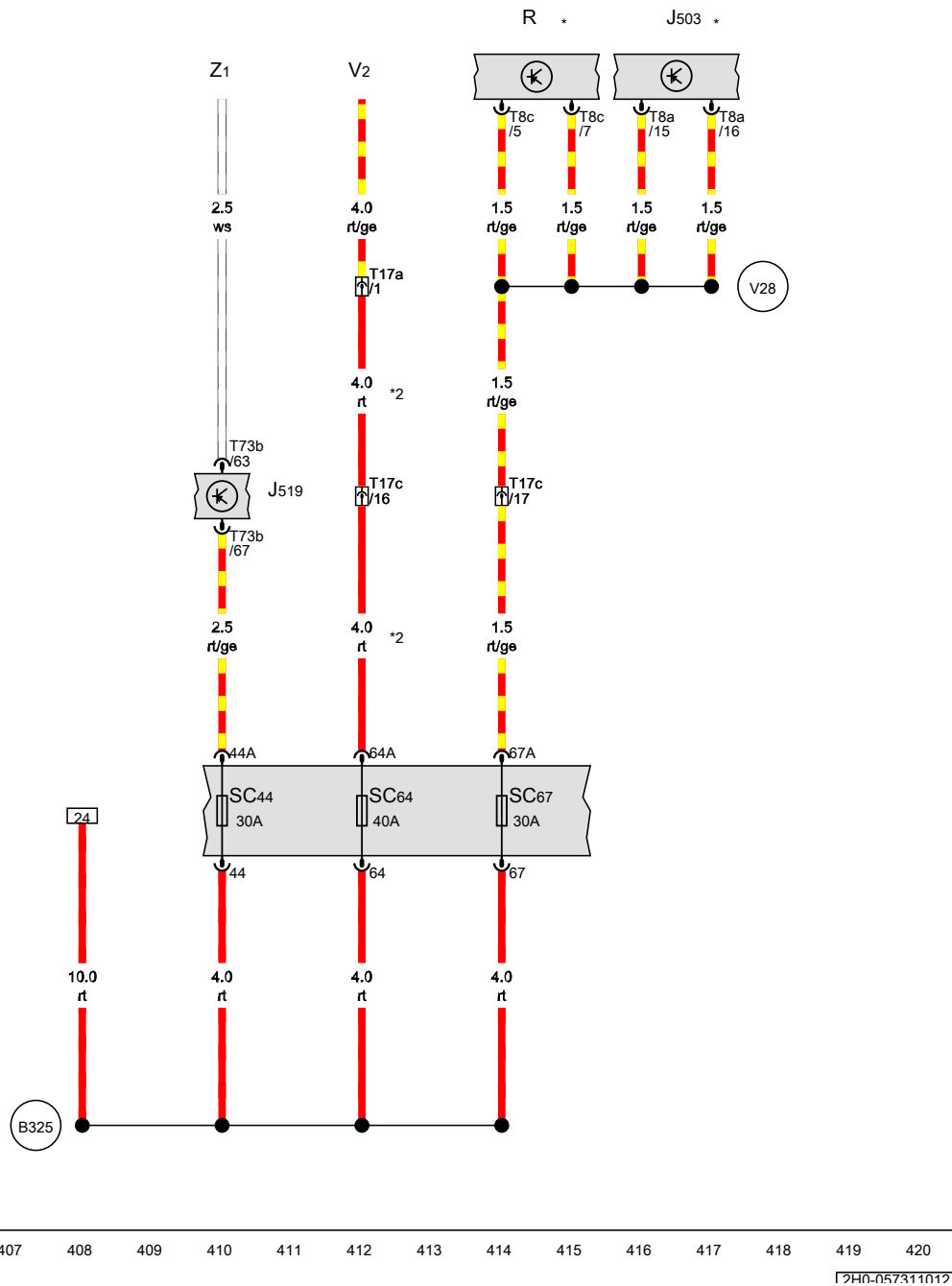
B325 Positive connection 11 (30a) in main wiring harness

V28 Connection 1, in radio wiring harness

* According to equipment

*2 Only models with Climatronic

*3 Only models with electric interface for external use



Seat heating

From June 2012

Onboard supply control unit, Seat heating control unit, Fuse 57 on fuse holder C

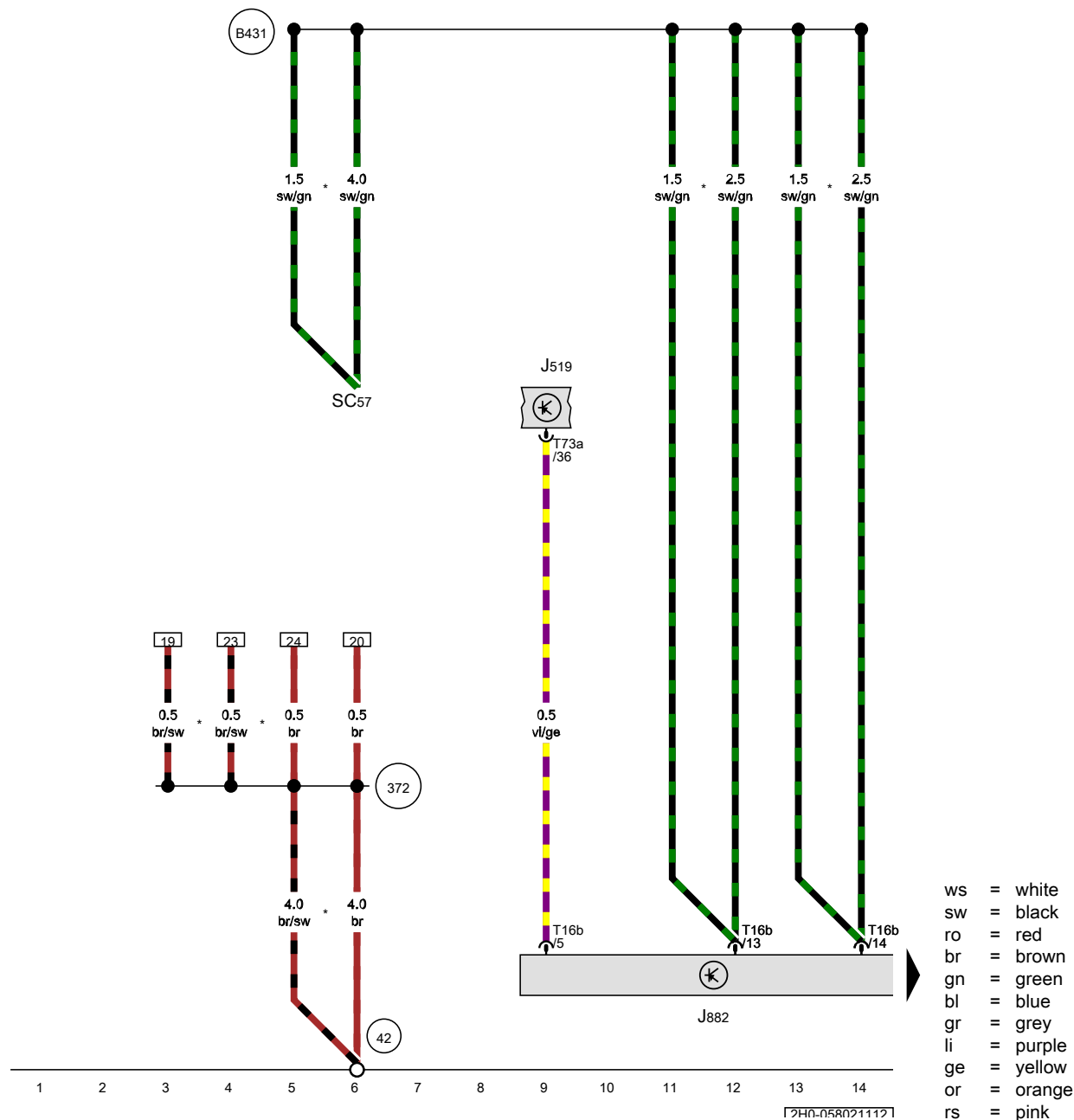
J519 Onboard supply control unit
J882 Seat heating control unit
SC57 Fuse 57 on fuse holder C
T16b 16-pin connector, black
T73a 73-pin connector, black

42 Earth point, next to steering column

372 Earth connection 7, in main wiring harness

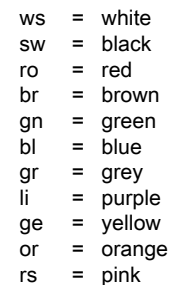
B431 Connection (seat heating), in main wiring harness

* From January 2013

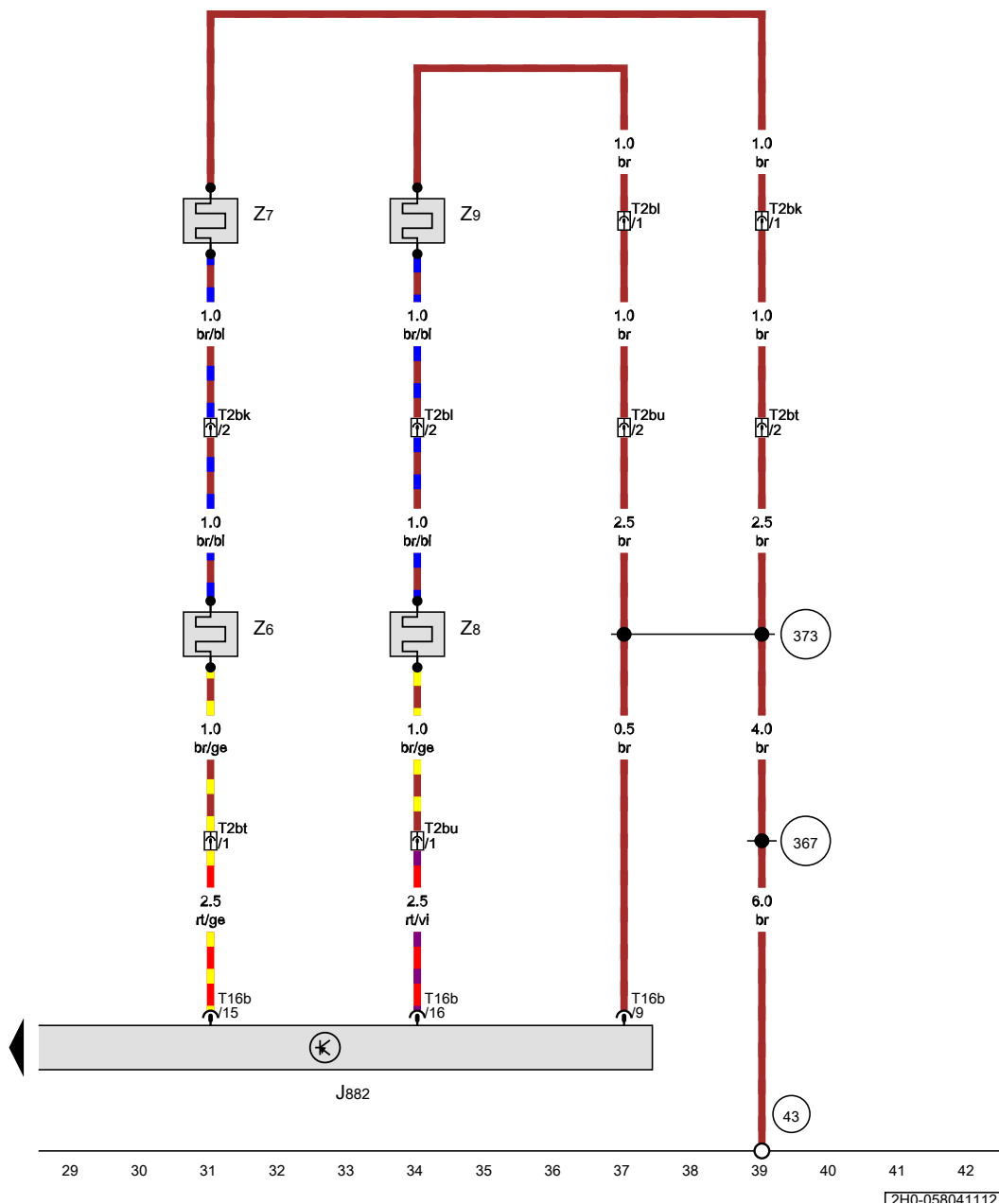


E1	Light switch
E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
SC13	Fuse 13 on fuse holder C
T6m	6-pin connector, white
T6o	6-pin connector, blue
T16b	16-pin connector, black

- * From January 2013



Seat heating control unit, Heated backrest for driver seat,
Heated seat cushion for front passenger seat, Heated
backrest for front passenger seat



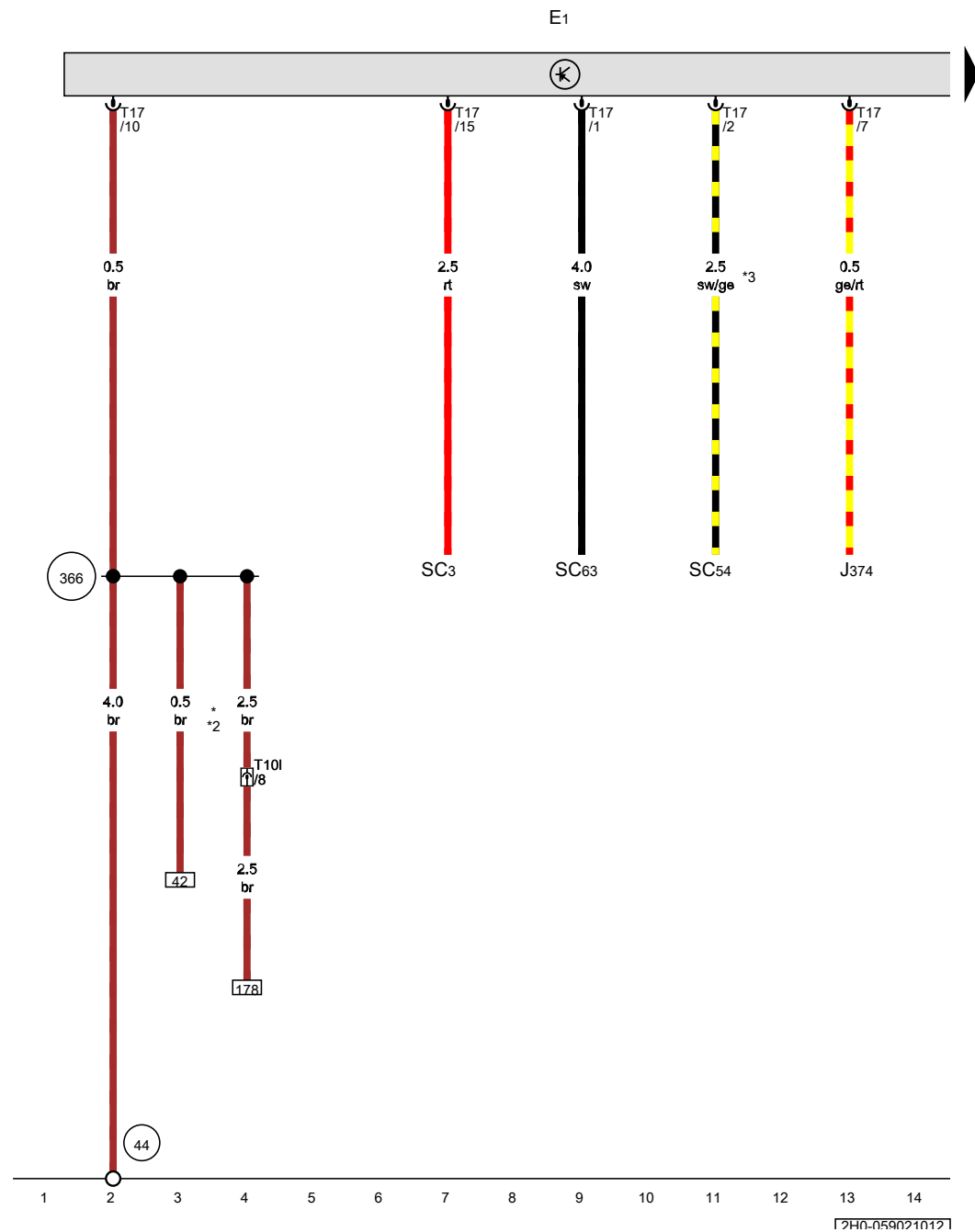
- J882 Seat heating control unit
- T2bk 2-pin connector, in seat, black
- T2bl 2-pin connector, in seat, black
- T2bt 2-pin connector, under seat on front left, black
- T2bu 2-pin connector, under seat on front right, black
- T16b 16-pin connector, black
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat
- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness

Exterior lighting , (7L3),(8K0),(8K1)

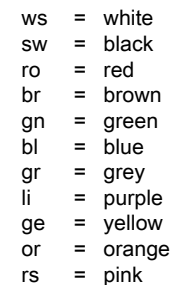
From June 2012

Light switch

- E1 Light switch
- J374 Terminal 58b relief relay
- SC3 Fuse 3 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T101 10-pin connector
- T17 17-pin connector, black
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- * Only models with headlight range control
- *2 Only models with Highline equipment
- *3 Only models with fog lights

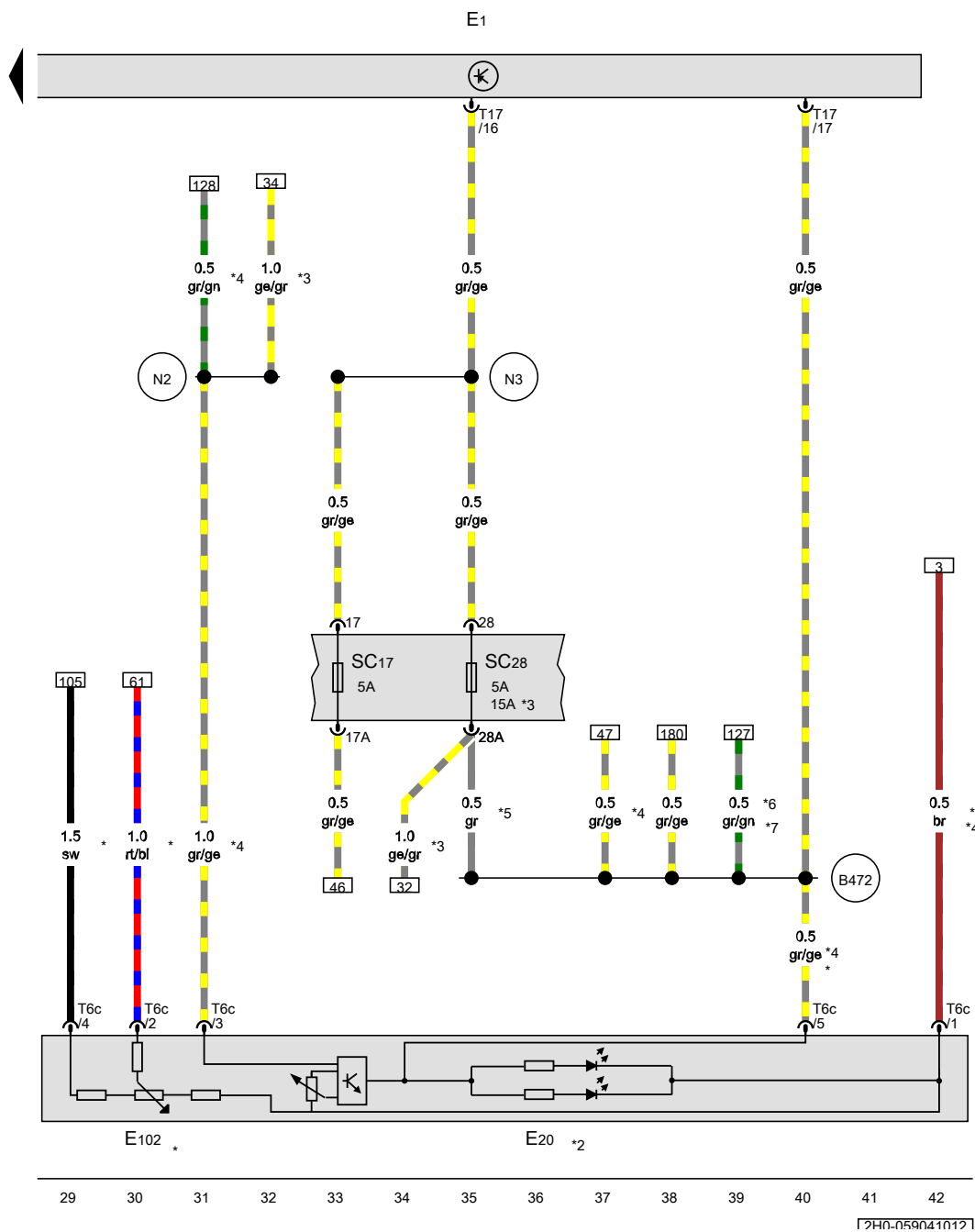


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 gr = grey
 li = purple
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 or = orange
 rs = pink

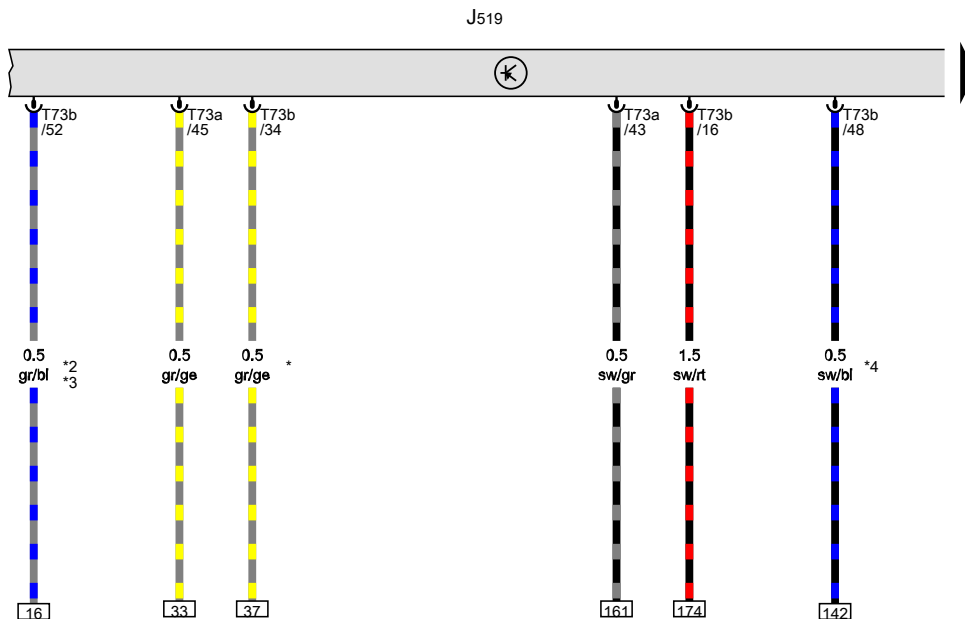


- * Only models with daytime running lights
- *2 Only models with fog lights
- *3 Only models with no automatic headlight control with coming home
- *4 Only models with automatic driving lights control
- *5 Only models with no start/stop system
- *6 Only models with electric interface for external use
- *7 Only models with basic equipment

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C



- E1 Light switch
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T6c 6-pin connector, black
- T17 17-pin connector, black
- B472 Connection 8, in main wiring harness
- N2 Connection 1, in headlight range control wiring harness
- N3 Connection 2, in headlight range control wiring harness
- * Only models with headlight range control
- *2 Only models with dimmable instrument illumination
- *3 Only models with automatic driving lights control
- *4 Only models with Highline equipment
- *5 Only models with no dimmable instrument illumination
- *6 Only models with Trendline equipment
- *7 Only models with basic equipment



Onboard supply control unit

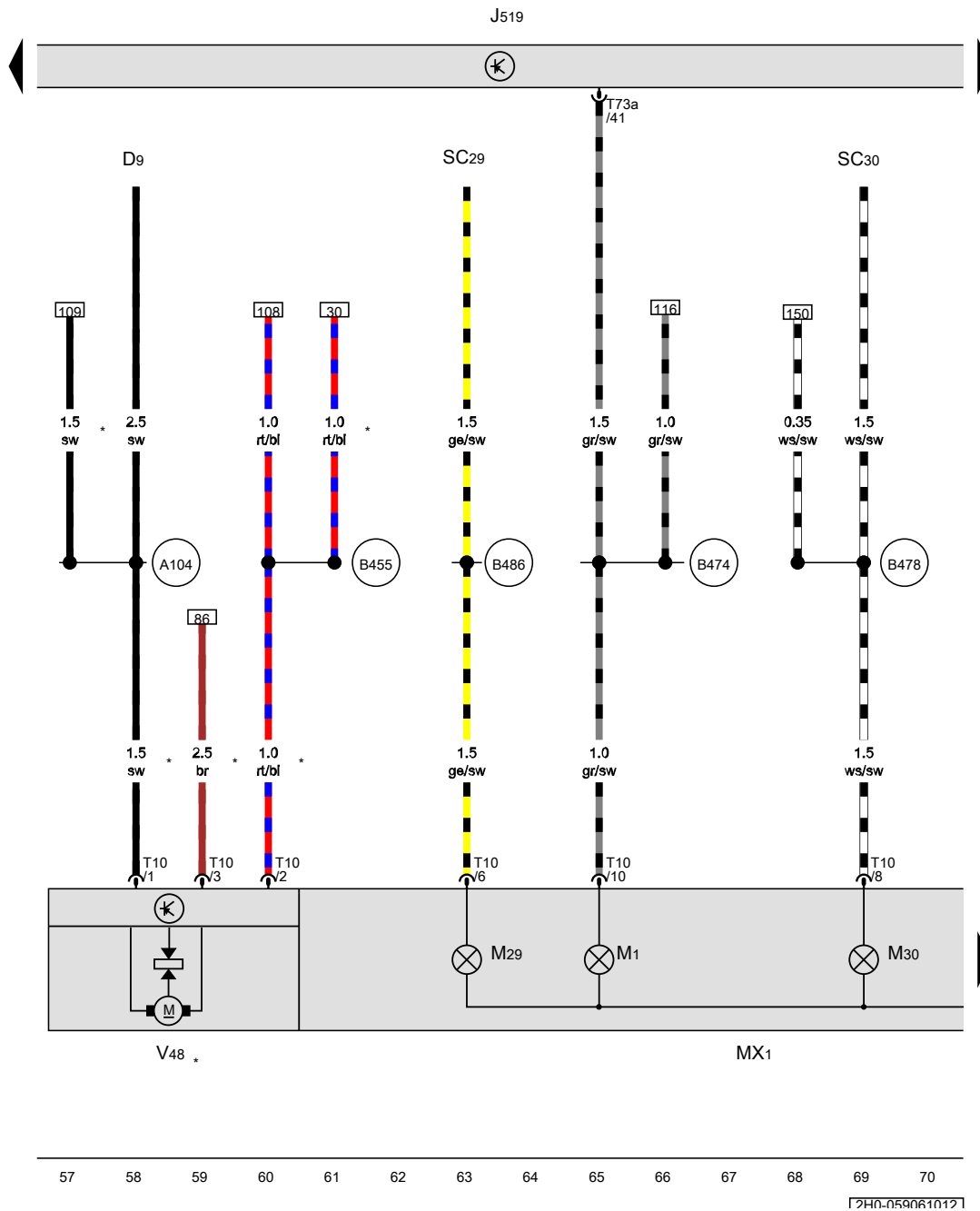
- J519 Onboard supply control unit
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- * Only models with Highline equipment
- *2 Only models with electric interface for external use
- *3 Only models with basic equipment
- *4 Only models with manual gearbox

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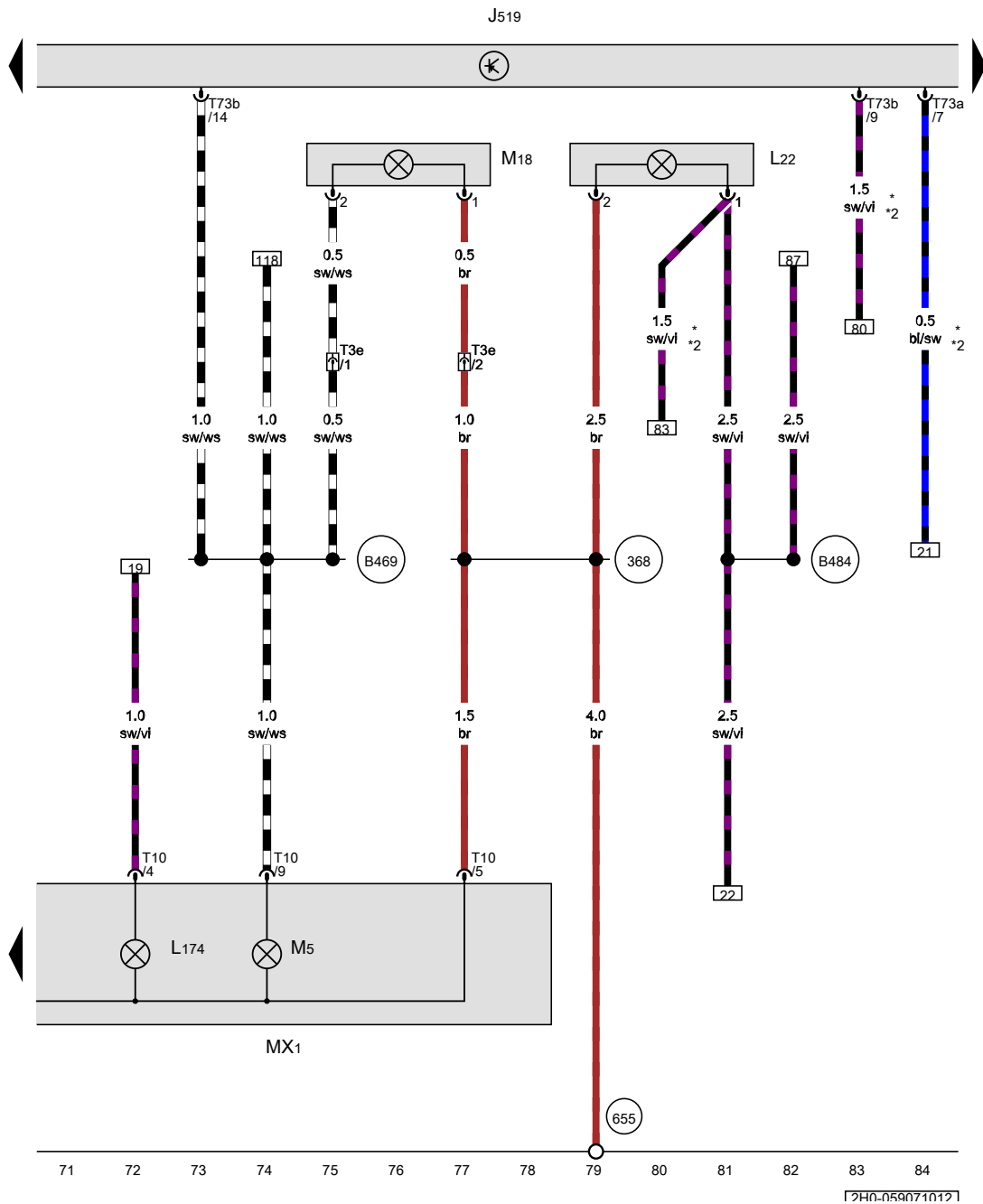
43 44 45 46 47 48 49 50 51 52 53 54 55 56

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Onboard supply control unit, Front left headlight, Fuse 29 on fuse holder C



- D9 Electronic ignition lock
- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- T73a 73-pin connector, black
- V48 Left headlight range control motor
- A104 Positive connection 2 (15), in dash panel wiring harness
- B455 Connection (HRC), in main wiring harness
- B474 Connection 10, in main wiring harness
- B478 Connection 14, in main wiring harness
- B486 Connection 22, in main wiring harness
- * Only models with headlight range control



Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- T3e 3-pin connector, in rear left of engine compartment, black
- T10 10-pin connector
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

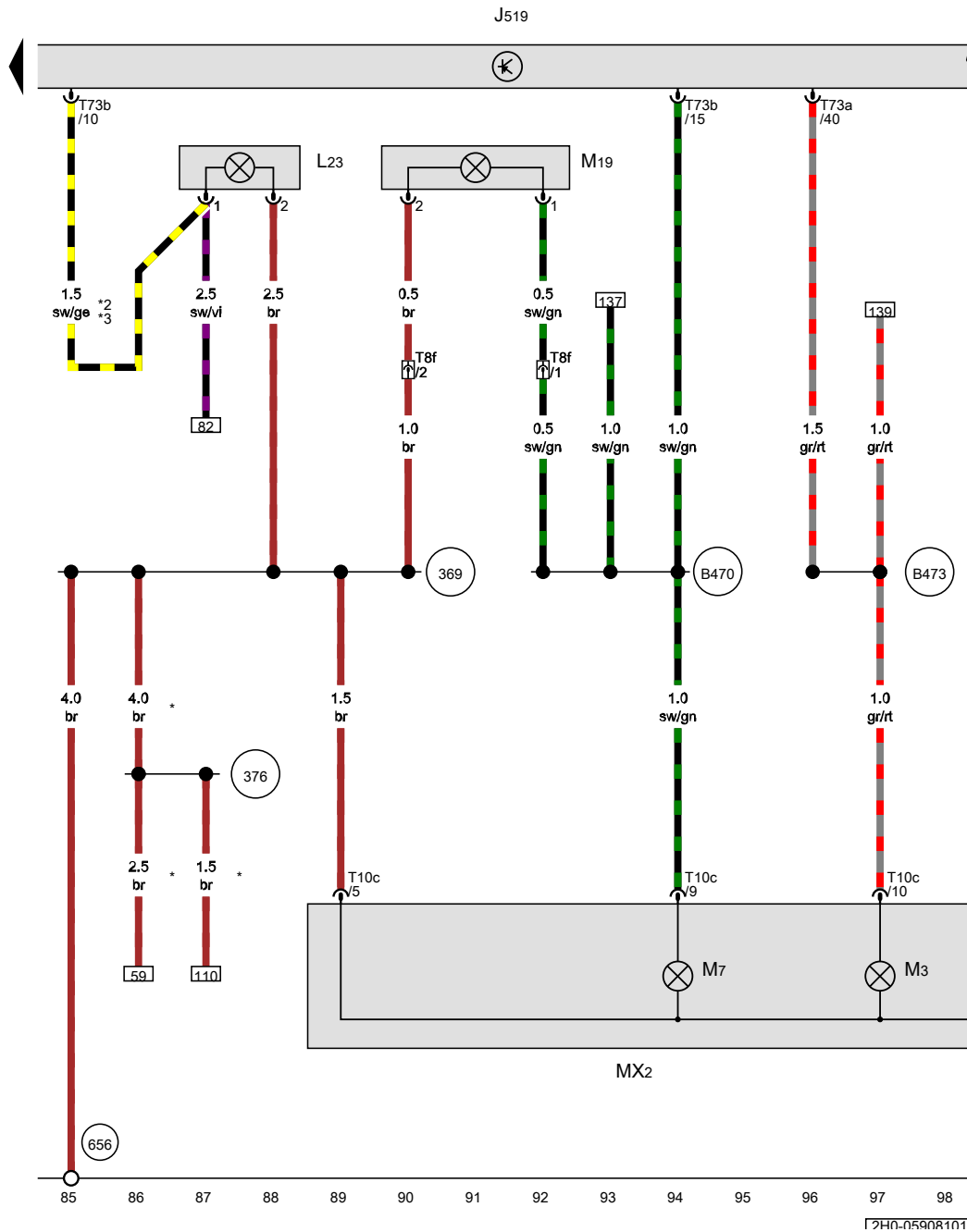
368 Earth connection 3, in main wiring harness

655 Earth point, on left headlight, on left on bulkhead

B469 Connection 5, in main wiring harness

B484 Connection 20, in main wiring harness

- * Only models with automatic driving lights control
- *2 Only models with no start/stop system



Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10c 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

- 369 Earth connection 4, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead
- B470 Connection 6, in main wiring harness
- B473 Connection 9, in main wiring harness
- * Only models with headlight range control
- *2 Only models with automatic driving lights control
- *3 Only models with no start/stop system

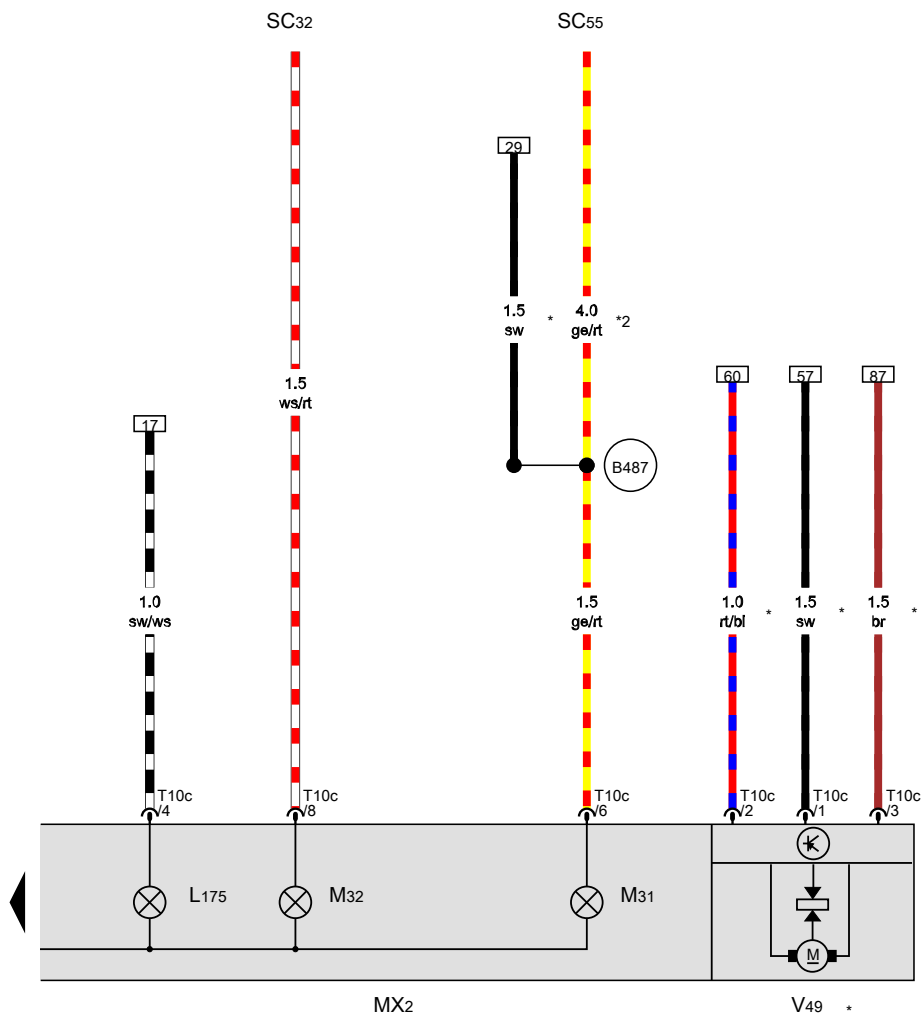
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Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

- L175 Right daytime running light bulb
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10c 10-pin connector, black
- V49 Right headlight range control motor

B487 Connection 23, in main wiring harness

- * Only models with headlight range control
- *2 Only models with no headlight range control



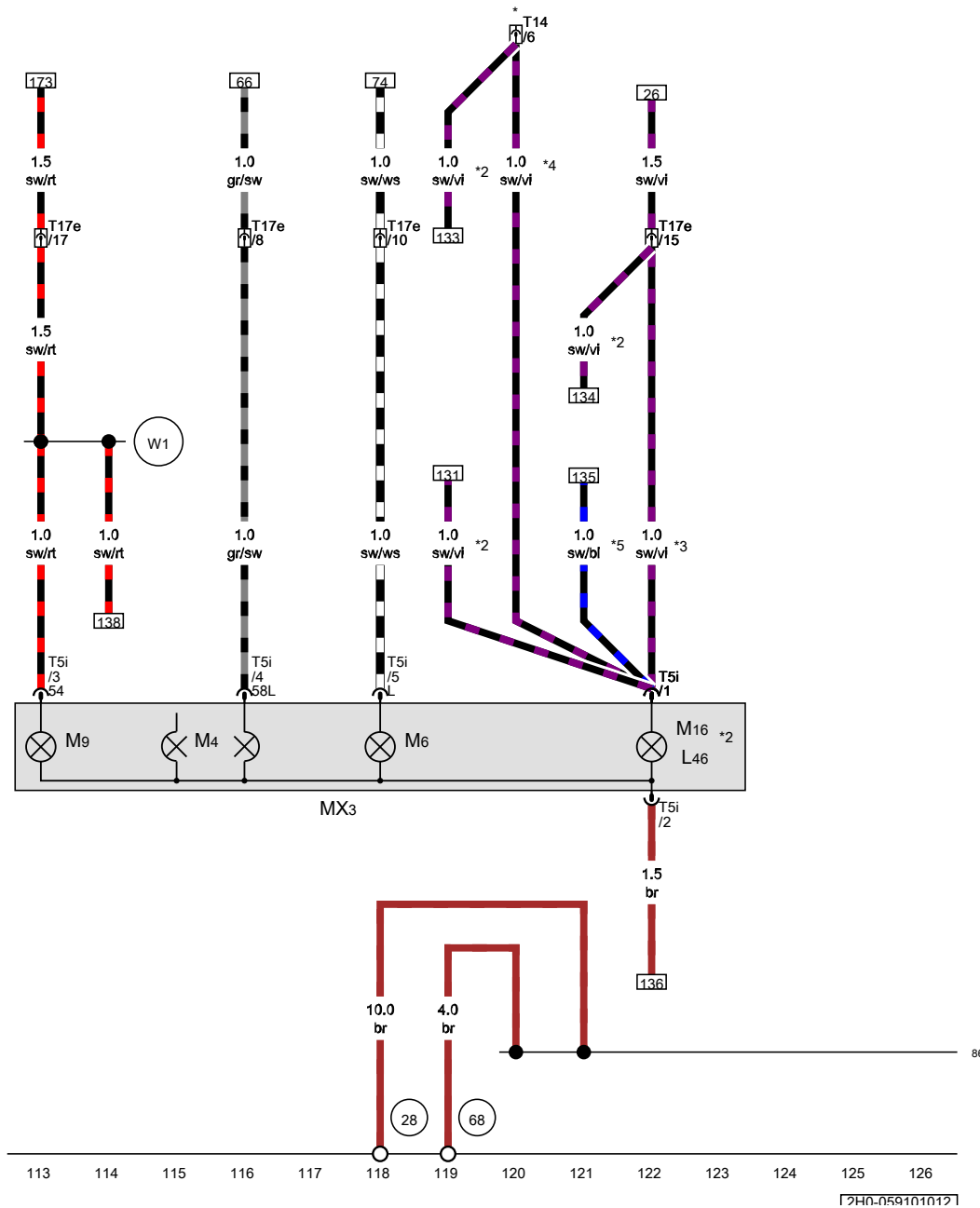
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Left tail light

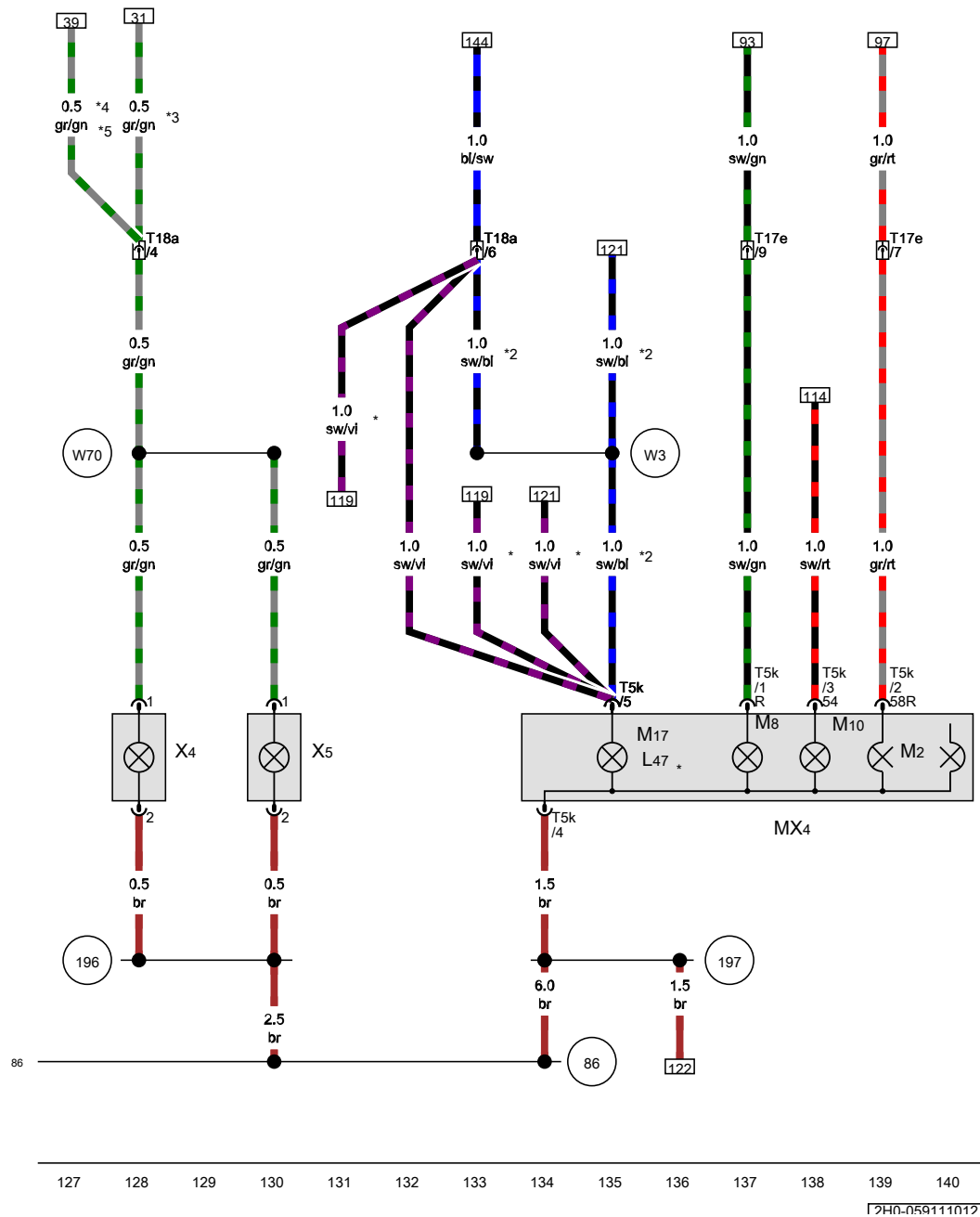
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector, black
- T14 14-pin connector, behind rear bumper on left, black
- T17e 17-pin connector, near handbrake lever, red

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only left-hand drive models
- *5 Only models with no rear fog light



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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
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Right tail light, Left number plate light, Right number plate light

- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- T5k 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- X4 Left number plate light
- X5 Right number plate light

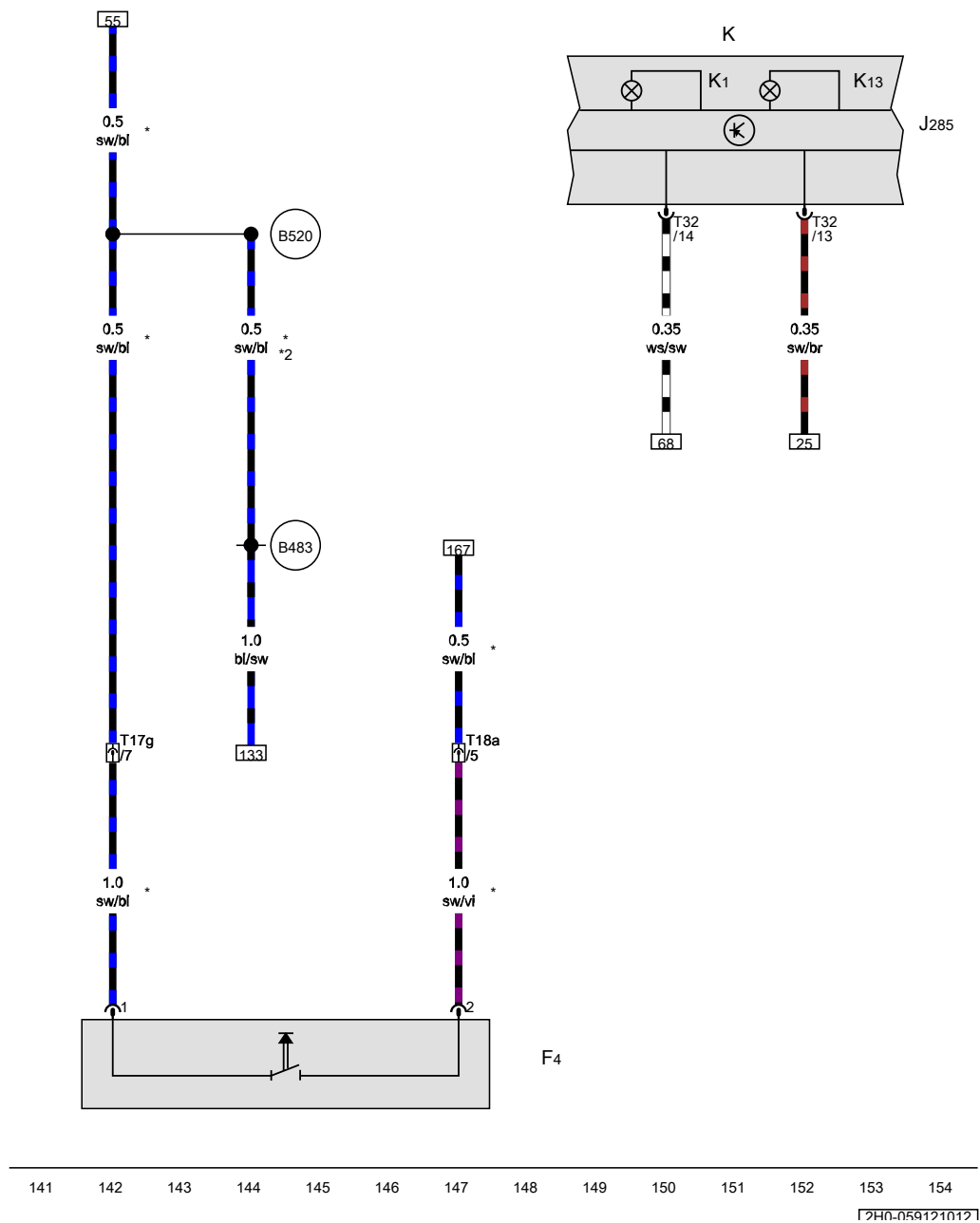
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only right-hand drive models
- *2 Only models with no rear fog light
- *3 Only models with Highline equipment
- *4 Only models with Trendline equipment
- *5 Only models with basic equipment

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Reversing light switch, Control unit in dash panel insert,
Dash panel insert

- F4 Reversing light switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- T17g 17-pin connector, near handbrake lever, black
- T18a 18-pin connector, near engine control unit, grey
- T32 32-pin connector, blue
- B483 Connection 19, in main wiring harness
- B520 Connection (RL), in main wiring harness
- * Only models with manual gearbox
- *2 Only models with no automatic headlight control with coming home



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

E595 Steering column combination switch
F Brake light switch
J623 Engine control unit
SC42 Fuse 42 on fuse holder C
T4c 4-pin connector, black
T41 41-pin connector, grey
T94 94-pin connector, black
T94a 94-pin connector, black

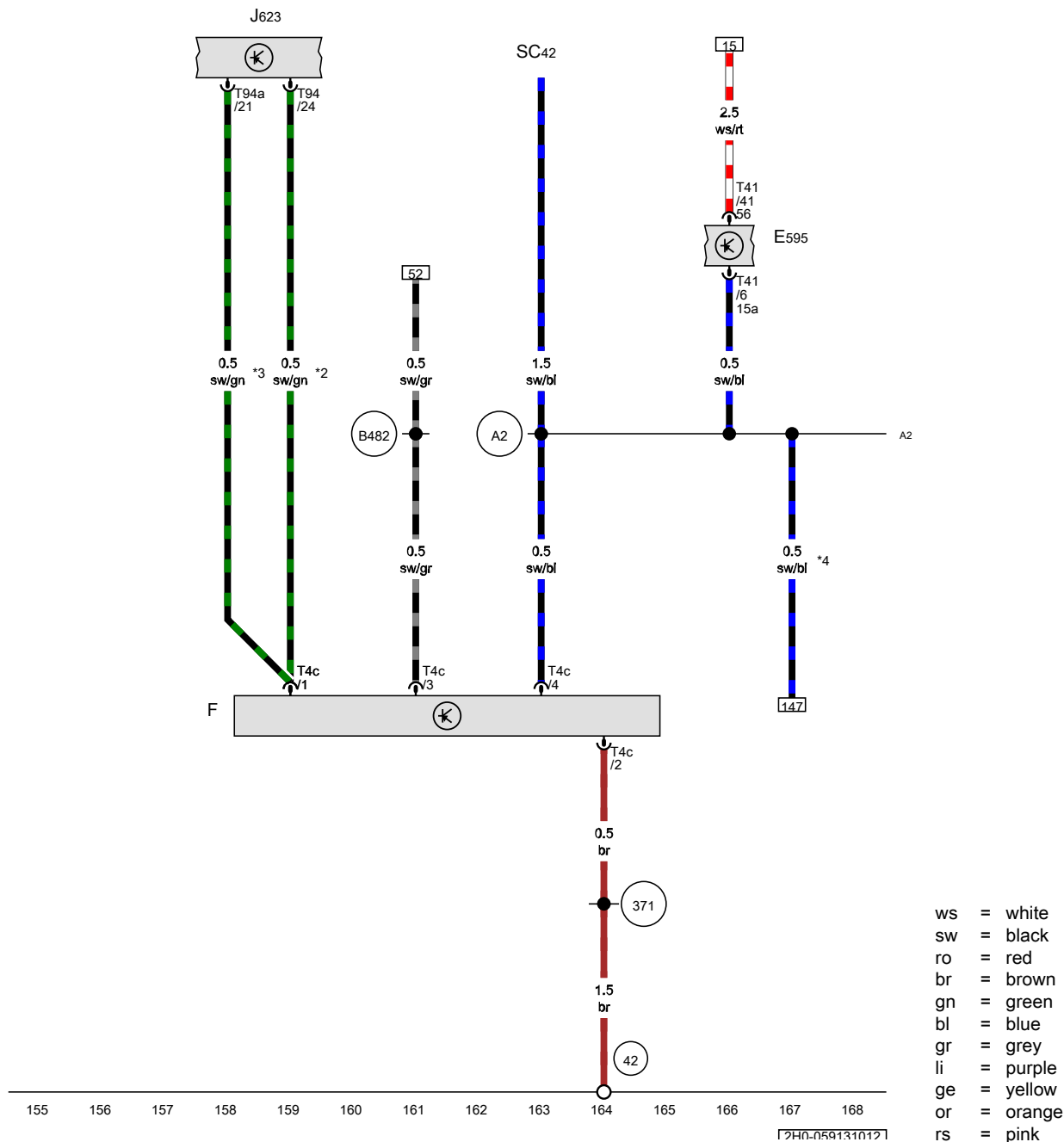
42 Earth point, next to steering column

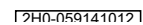
371 Earth connection 6, in main wiring harness

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

B482 Connection 18, in main wiring harness

* Only models with headlight range control
*2 Only models with petrol engine
*3 Only models with diesel engine
*4 Only models with manual gearbox





- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

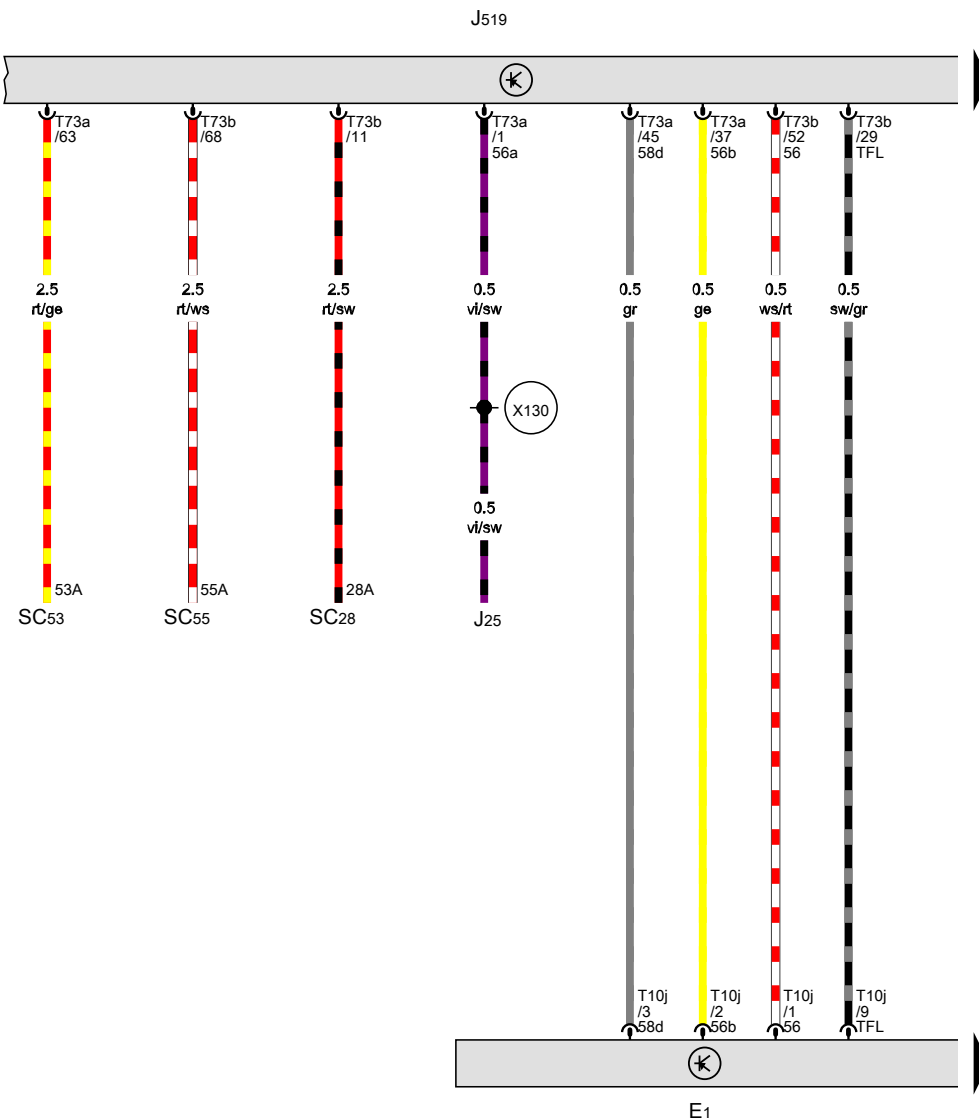
Exterior lighting , (7L3),(7L6),(8k3),(8k8)

From June 2012

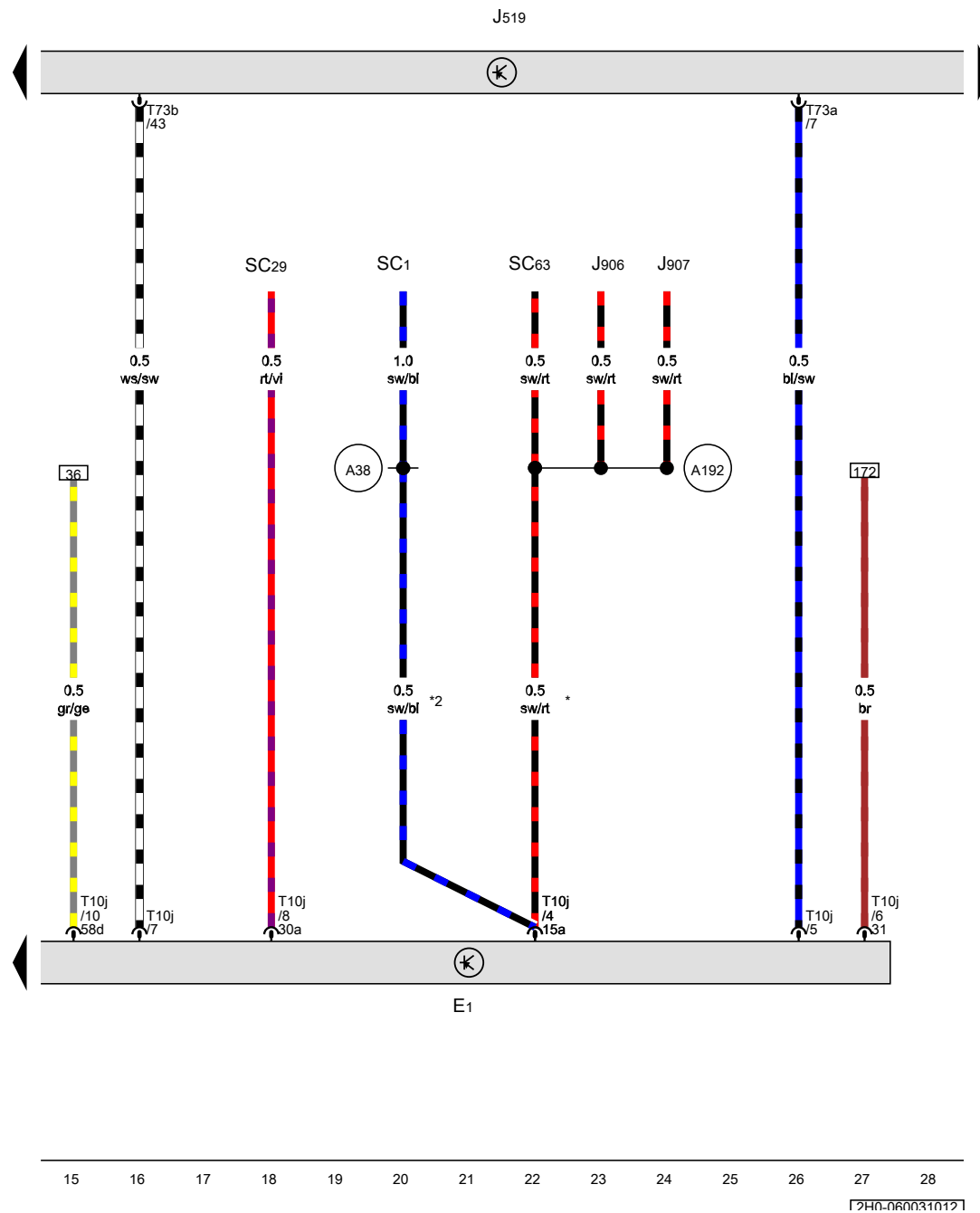
Light switch, Onboard supply control unit

- E1 Light switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC28 Fuse 28 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

 Connection 3, in optional equipment wiring harness



Light switch, Onboard supply control unit



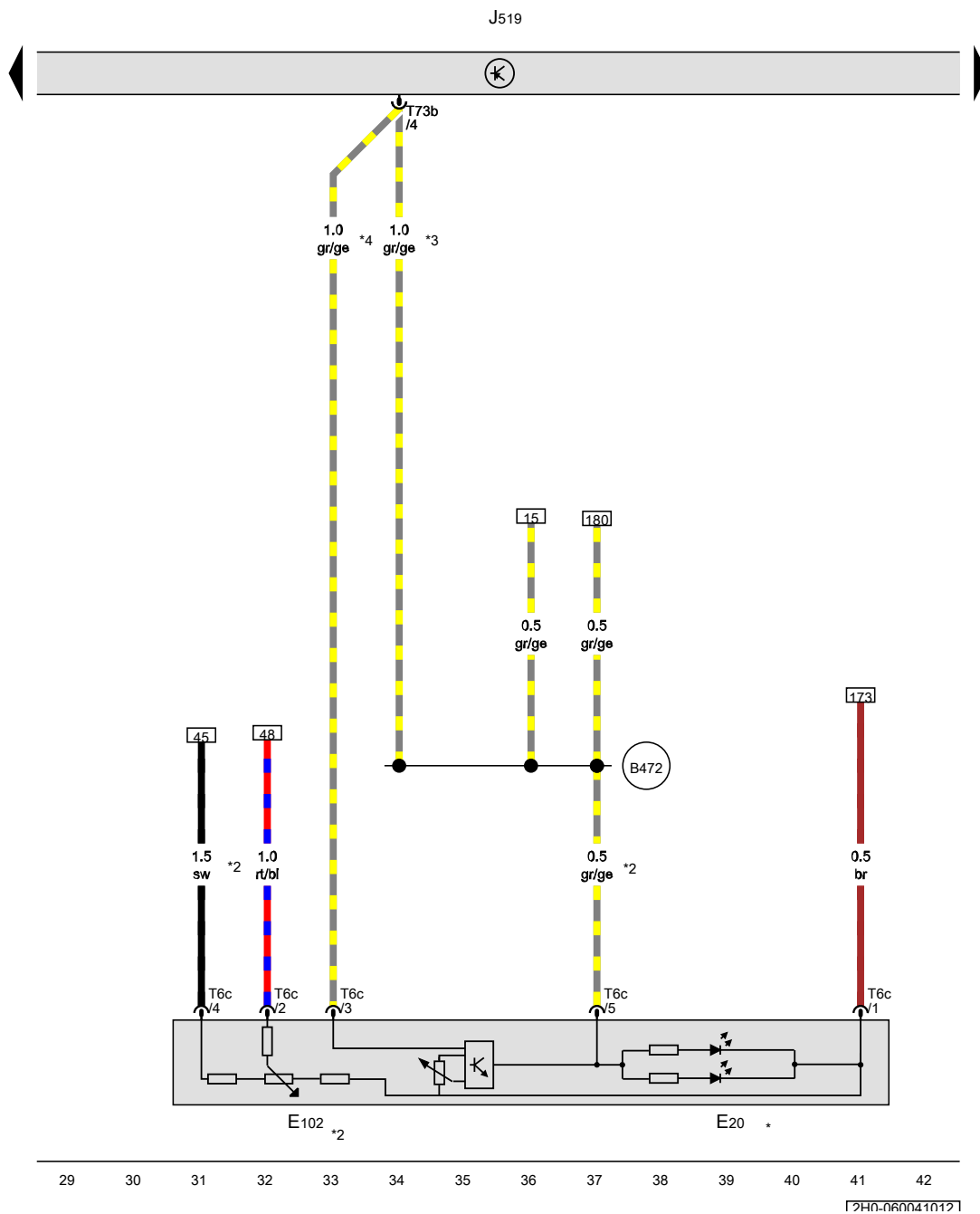
- E1 Light switch
- J519 Onboard supply control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SC1 Fuse 1 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- A38 Positive connection 2 (15a) in dash panel wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- * Only models with start/stop system
- *2 Only models with no start/stop system

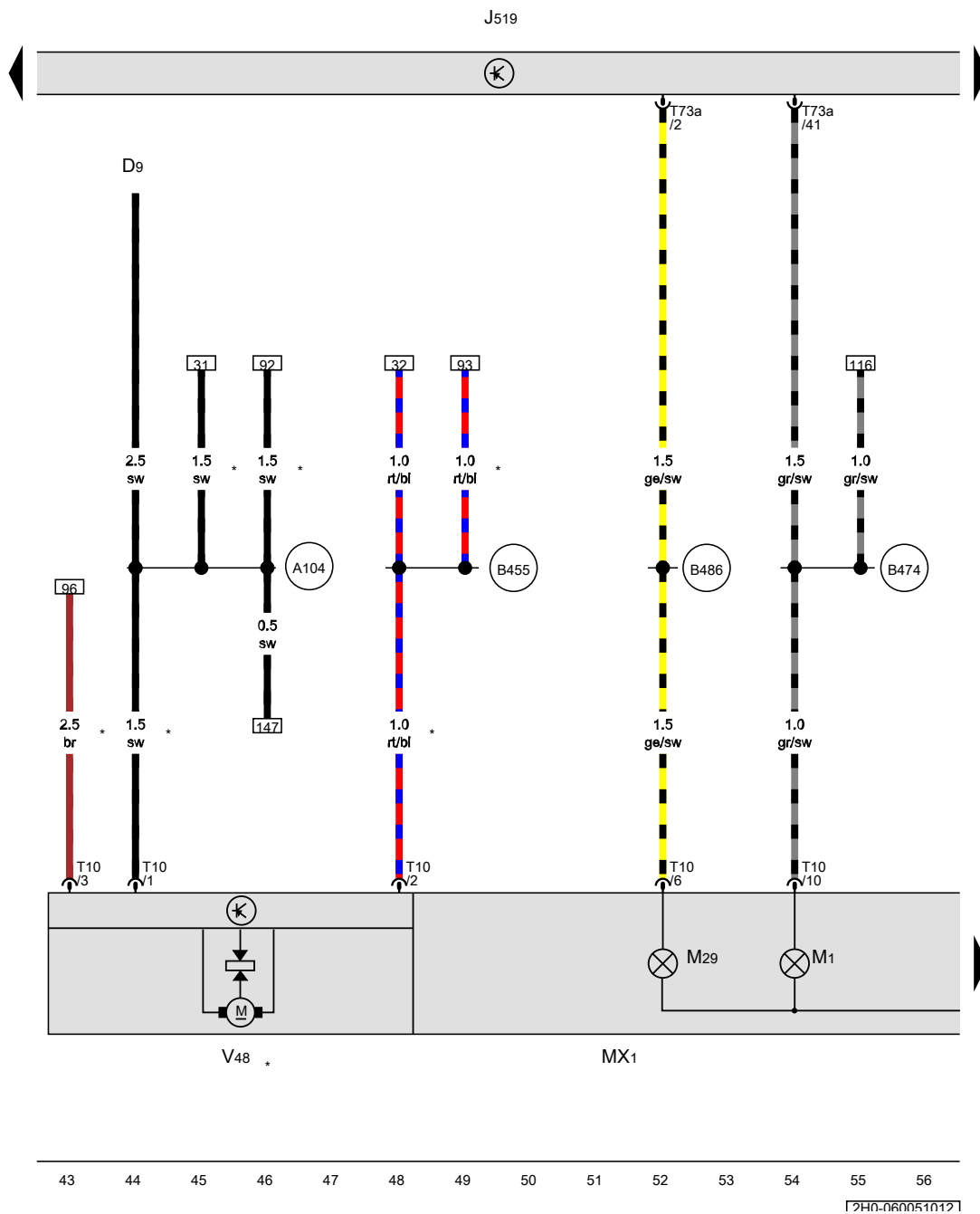
Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- T6c 6-pin connector
- T73b 73-pin connector, colourless

B472 Connection 8, in main wiring harness

- * Only models with dimmable instrument illumination
- *2 Only models with headlight range control
- *3 Only models with Trendline equipment
- *4 Only models with Highline equipment





Onboard supply control unit, Front left headlight

- D9 Electronic ignition lock
- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- T10 10-pin connector
- T73a 73-pin connector, black
- V48 Left headlight range control motor

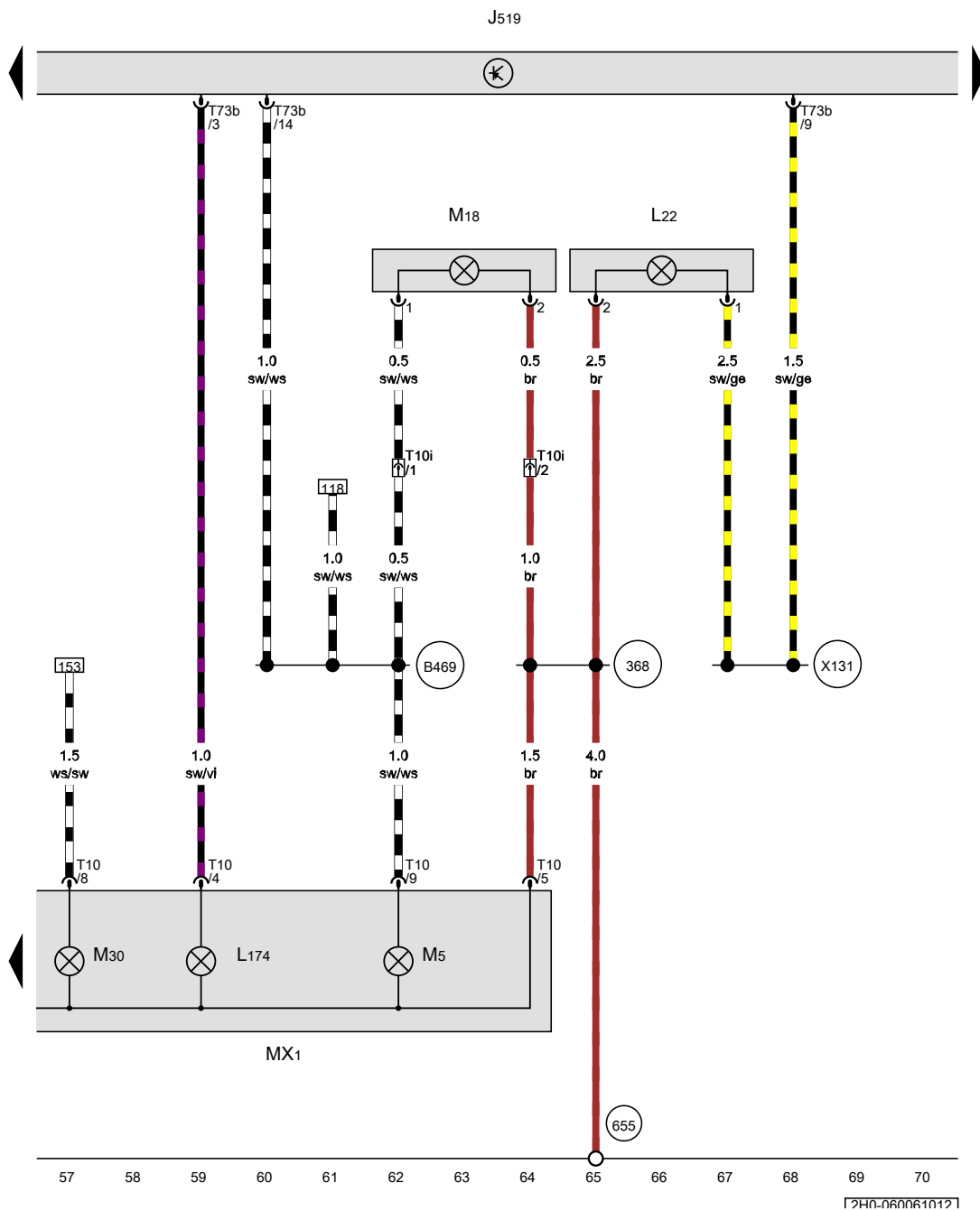
A104 Positive connection 2 (15), in dash panel wiring harness

B455 Connection (HRC), in main wiring harness

B474 Connection 10, in main wiring harness

B486 Connection 22, in main wiring harness

* Only models with headlight range control

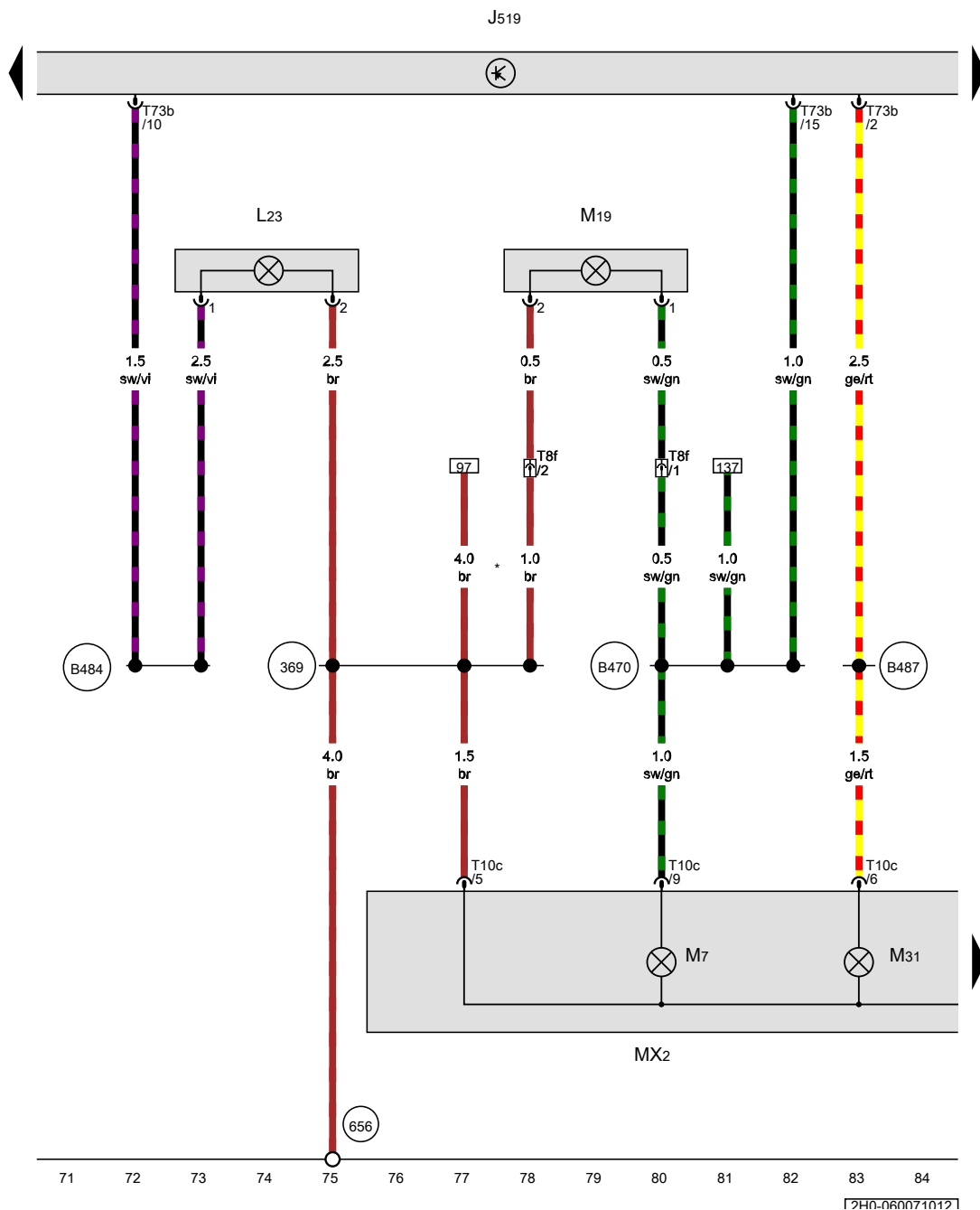


Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
M30	Left headlight main beam bulb
T10	10-pin connector, black
T10i	10-pin connector, black
T73b	73-pin connector, colourless

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight, on left on bulkhead
- B469 Connection 5, in main wiring harness
- X131 Connection 4, in optional equipment wiring harness

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



Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- M31 Right headlight dipped beam bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10c 10-pin connector, black
- T73b 73-pin connector, colourless

- 369 Earth connection 4, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead
- B470 Connection 6, in main wiring harness
- B484 Connection 20, in main wiring harness
- B487 Connection 23, in main wiring harness
- * Only models with headlight range control

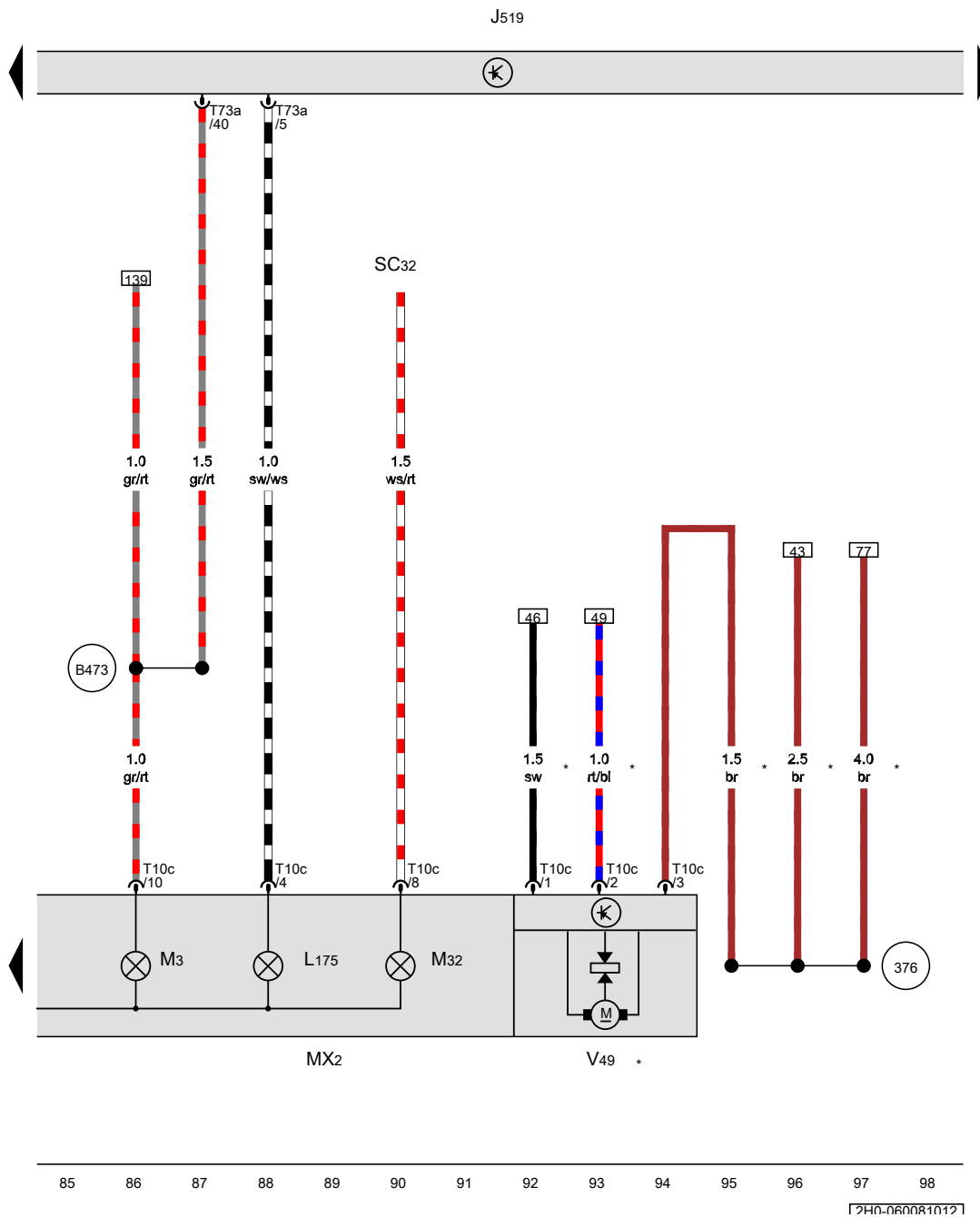
Onboard supply control unit, Front right headlight

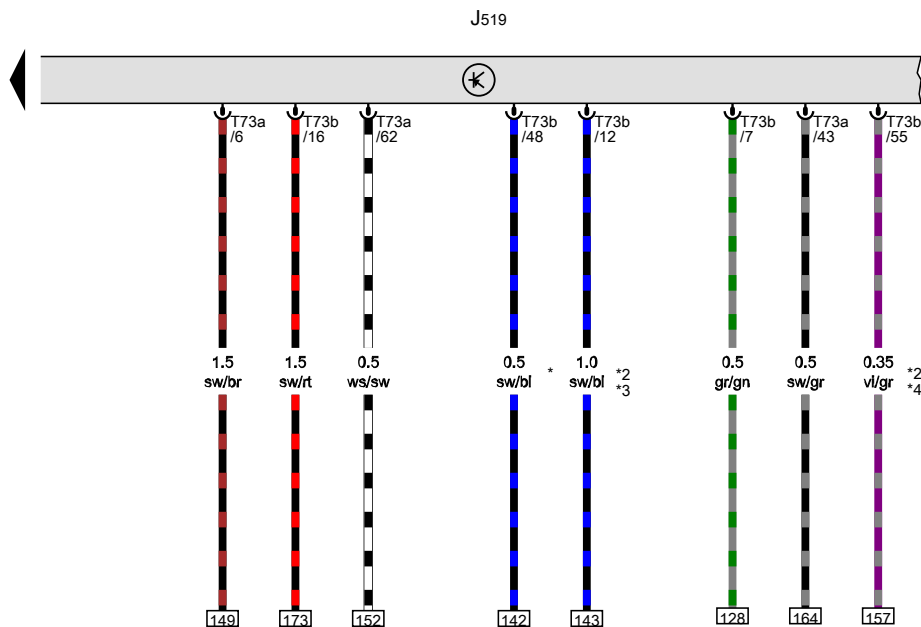
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- T10c 10-pin connector, black
- T73a 73-pin connector, black
- V49 Right headlight range control motor

376 Earth connection 11, in main wiring harness

B473 Connection 9, in main wiring harness

* Only models with headlight range control





Onboard supply control unit

- J519 Onboard supply control unit
 T73a 73-pin connector, black
 T73b 73-pin connector, colourless
 * Only models with manual gearbox
 *2 Only models with automatic gearbox
 *3 Only models with automatic driving lights control
 *4 Only models with no start/stop system

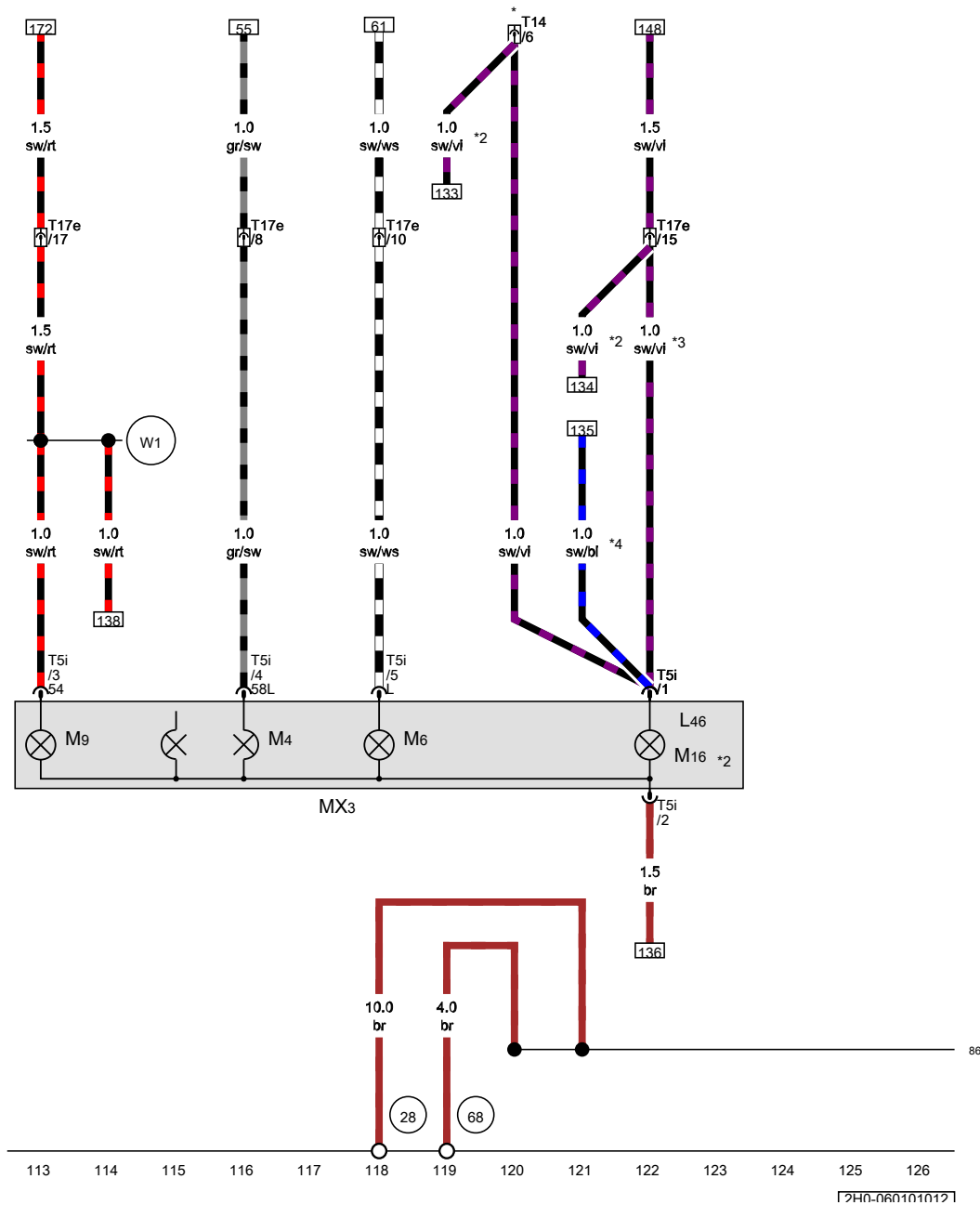
ws = white
 sw = black
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Left tail light

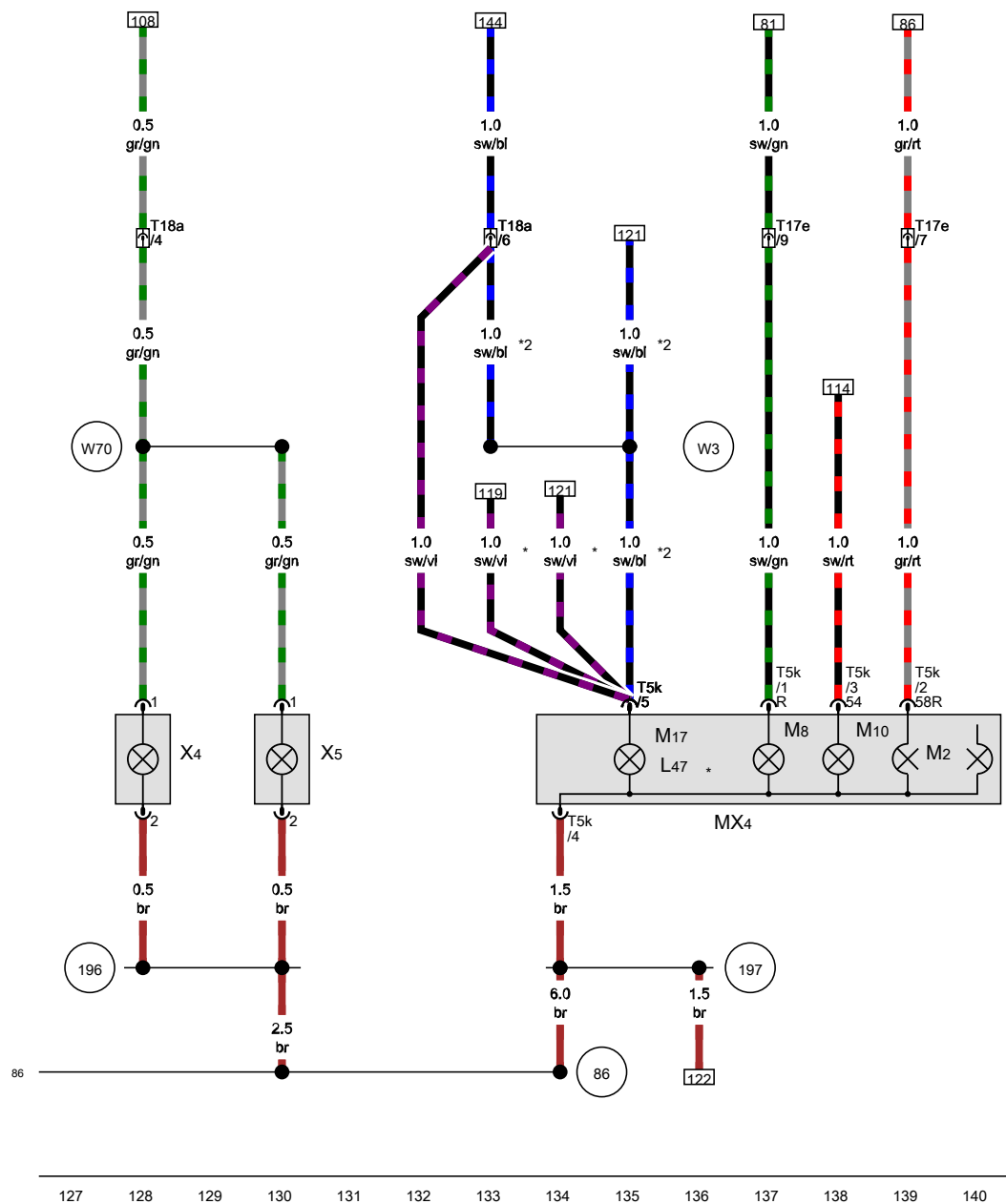
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector
- T14 14-pin connector, behind rear bumper on left
- T17e 17-pin connector, near handbrake lever, red

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only models with no rear fog light



Right tail light, Left number plate light, Right number plate light



- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- T5k 5-pin connector
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- X4 Left number plate light
- X5 Right number plate light

- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only right-hand drive models
- *2 Only models with no rear fog light

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

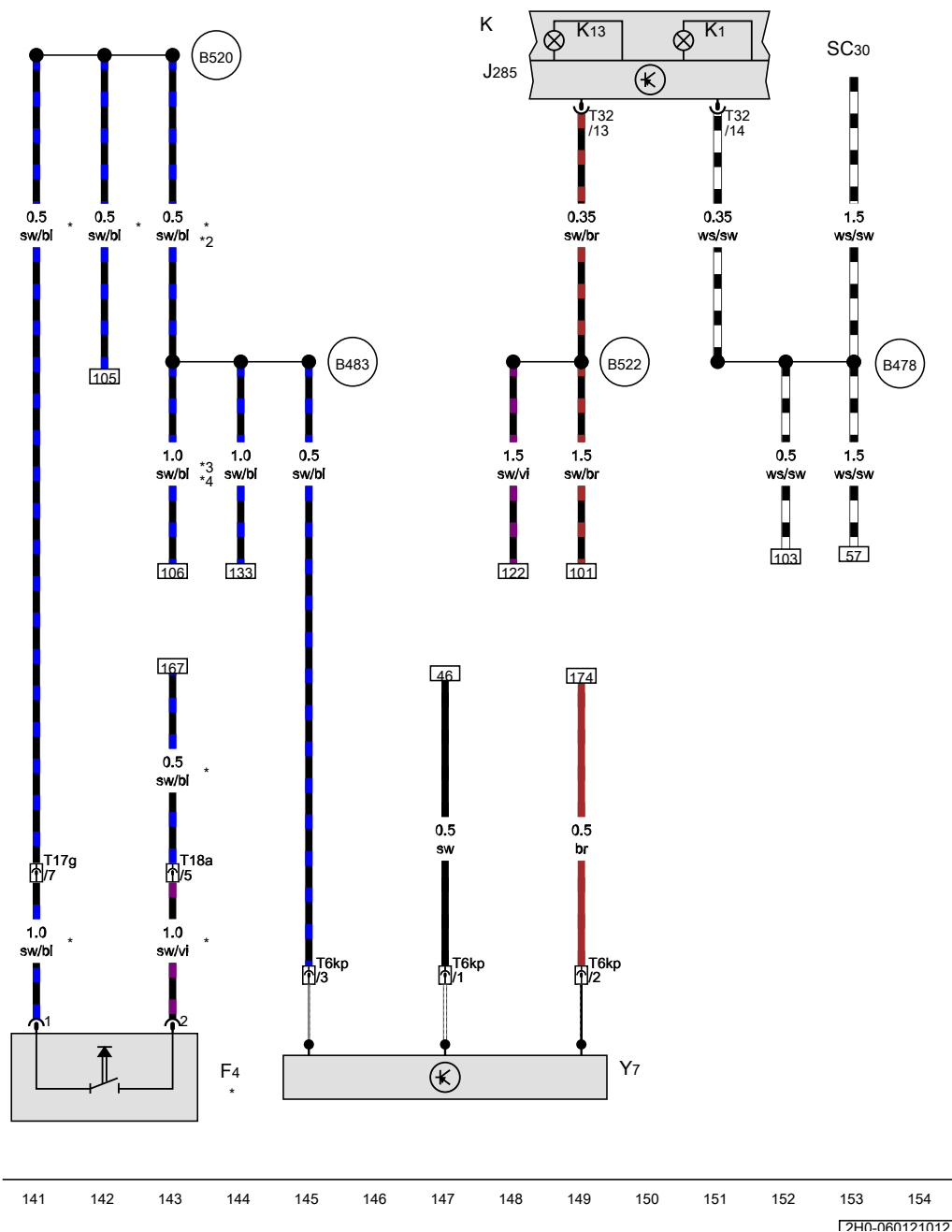
Reversing light switch, Dash panel insert, Automatic anti-dazzle interior mirror

- F4 Reversing light switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- SC30 Fuse 30 on fuse holder C
- T6kp 6-pin connector, on interior mirror, black
- T17g 17-pin connector, near handbrake lever, black
- T18a 18-pin connector, near engine control unit, grey
- T32 32-pin connector, blue
- Y7 Automatic anti-dazzle interior mirror

- B478 Connection 14, in main wiring harness
- B483 Connection 19, in main wiring harness
- B520 Connection (RL), in main wiring harness
- B522 Connection (FL), in main wiring harness

- * Only models with manual gearbox
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with automatic gearbox
- *4 Only models with automatic driving lights control

ws = white
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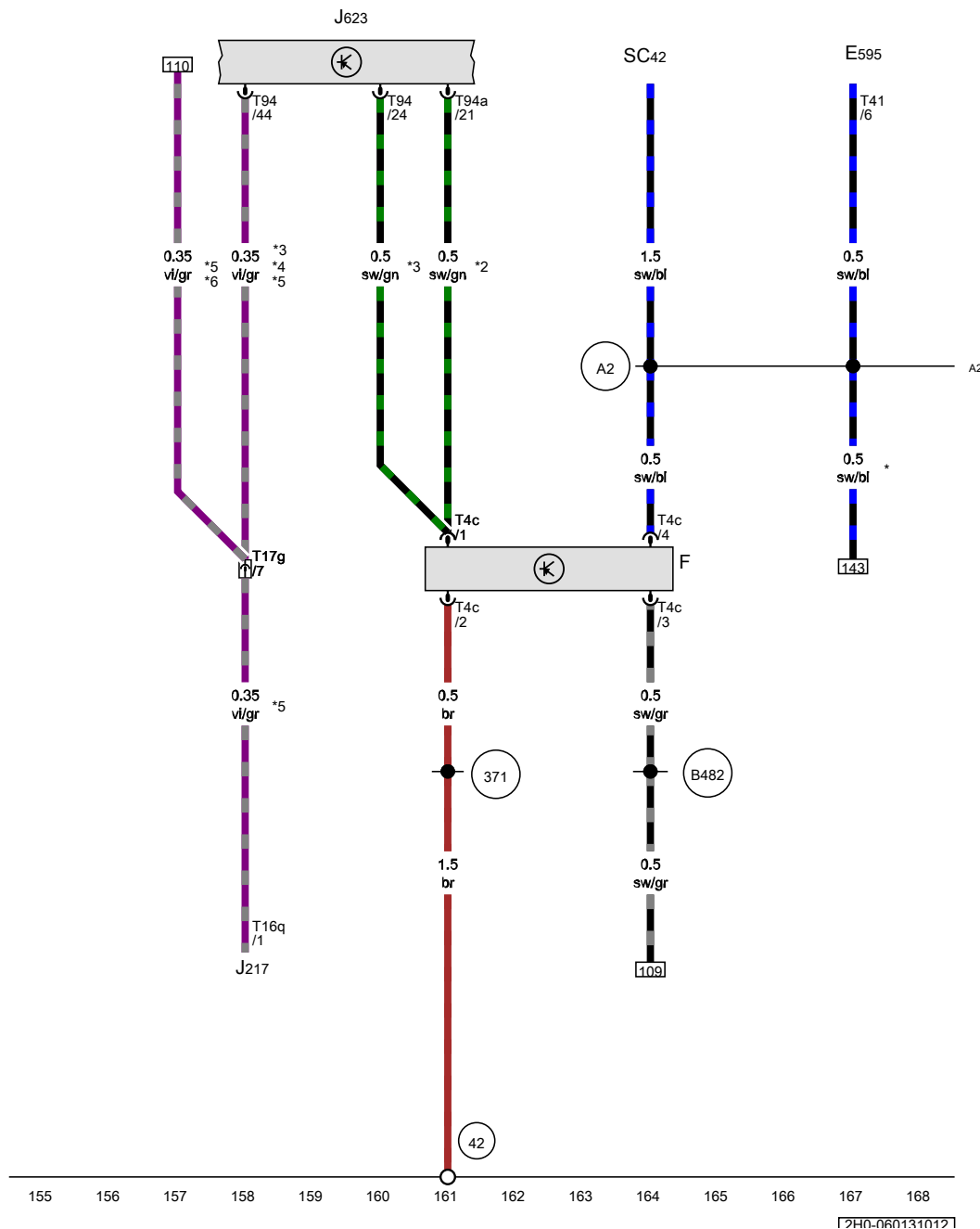
Steering column combination switch, Brake light switch,
Fuse 42 on fuse holder C

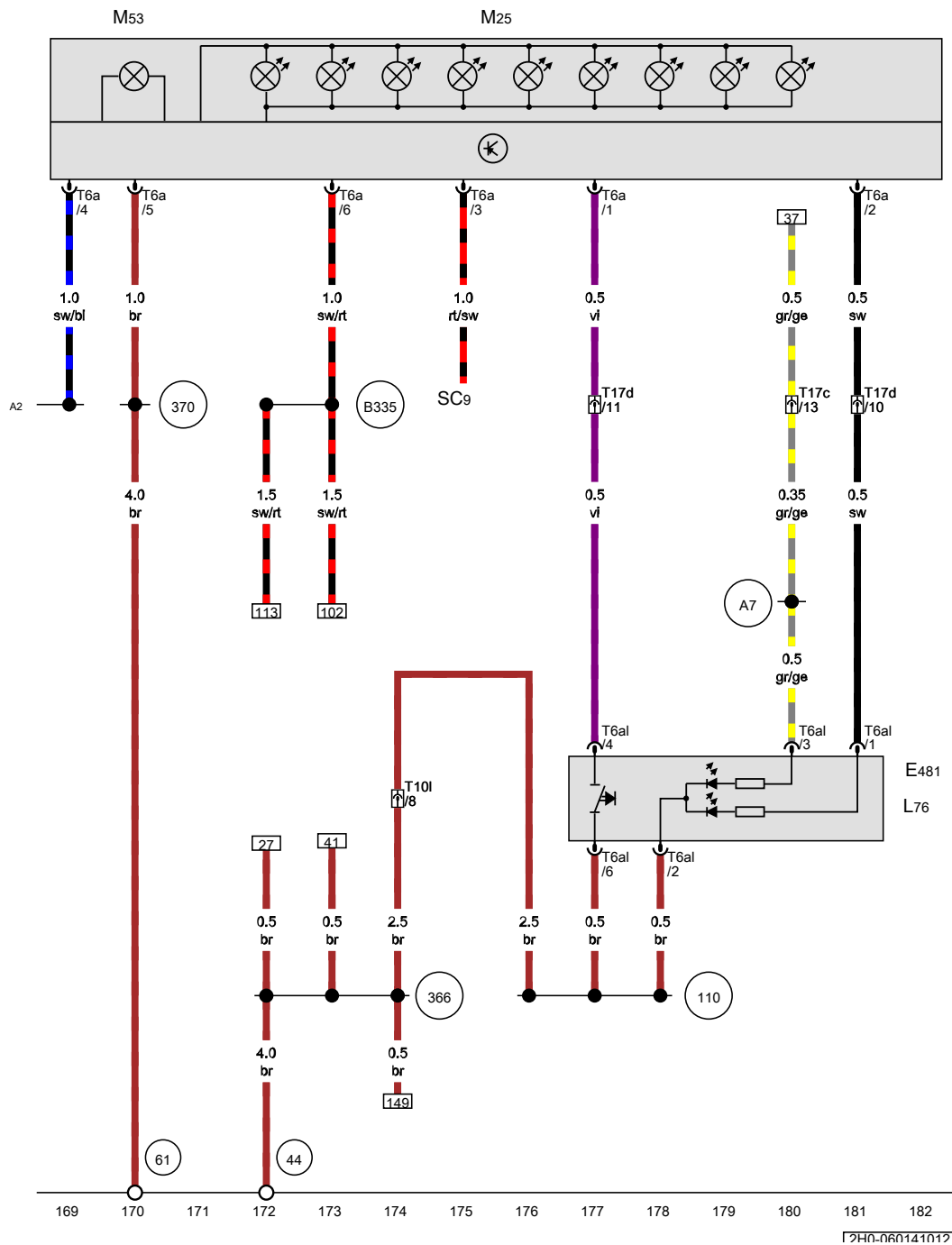
- E595 Steering column combination switch
F Brake light switch
J217 Automatic gearbox control unit
J623 Engine control unit
SC42 Fuse 42 on fuse holder C
T4c 4-pin connector
T16q 16-pin connector
T17g 17-pin connector, near handbrake lever, black
T41 41-pin connector, grey
T94 94-pin connector, black
T94a 94-pin connector

- 42 Earth point, next to steering column
371 Earth connection 6, in main wiring harness
A2 Positive connection (15), in dash panel wiring harness
B482 Connection 18, in main wiring harness

- * Only models with manual gearbox
*2 Only models with diesel engine
*3 Only models with petrol engine
*4 Only models with start/stop system
*5 Only models with automatic gearbox
*6 Only models with no start/stop system

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Load area illumination switch, Additional brake light bulb, Load area illumination bulb

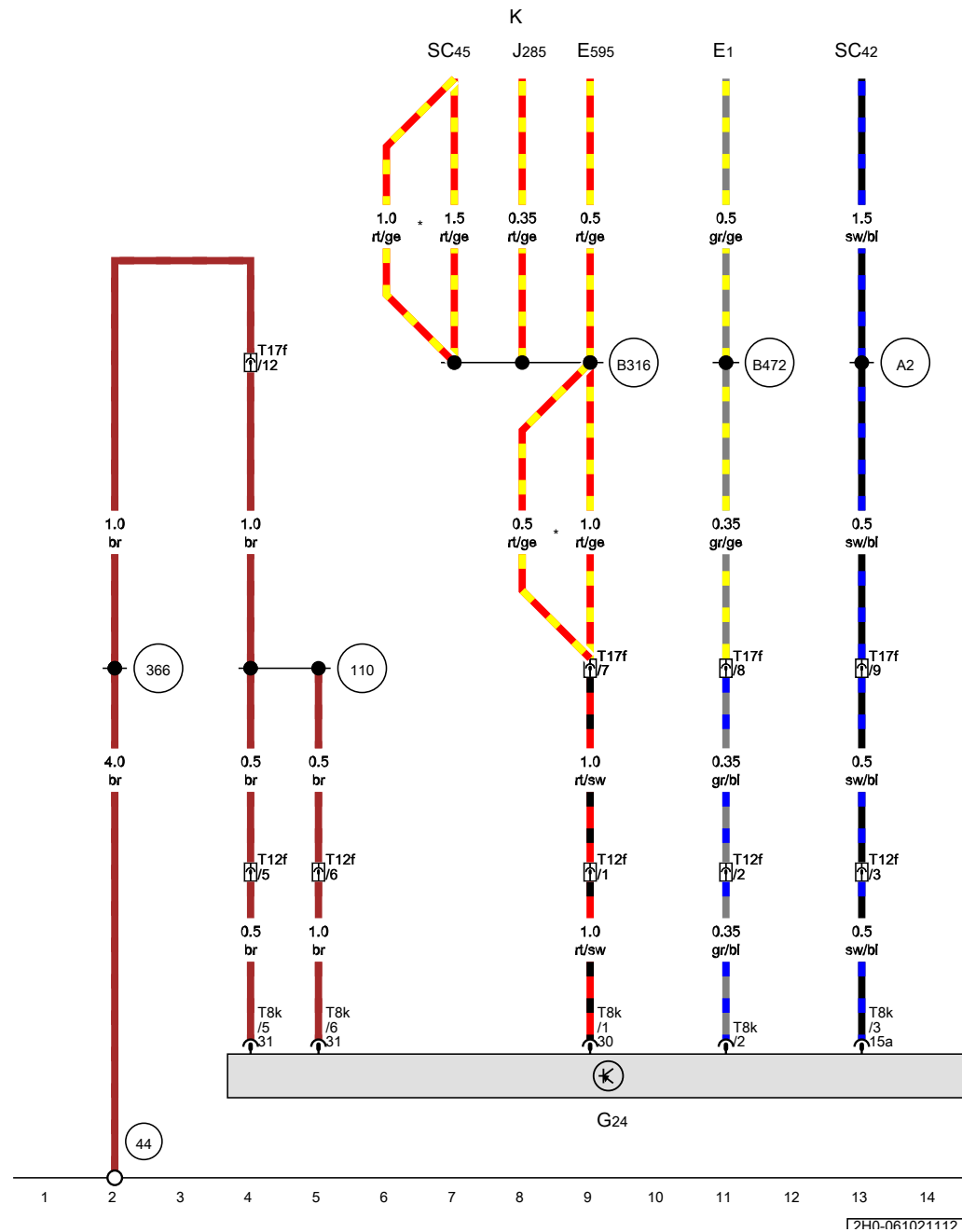
- E481 Load area illumination switch, near radio
- L76 Button illumination bulb
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC9 Fuse 9 on fuse holder C
- T6a 6-pin connector, black
- T6al 6-pin connector, blue
- T10l 10-pin connector, on relay carrier, blue
- T17c 17-pin connector, on relay carrier, black
- T17d 17-pin connector, on left under dash panel, red

- 44 Earth point, lower part of left A-pillar
- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

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- br = brown
- gn = green
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Electronic logbook, chip card reader unit

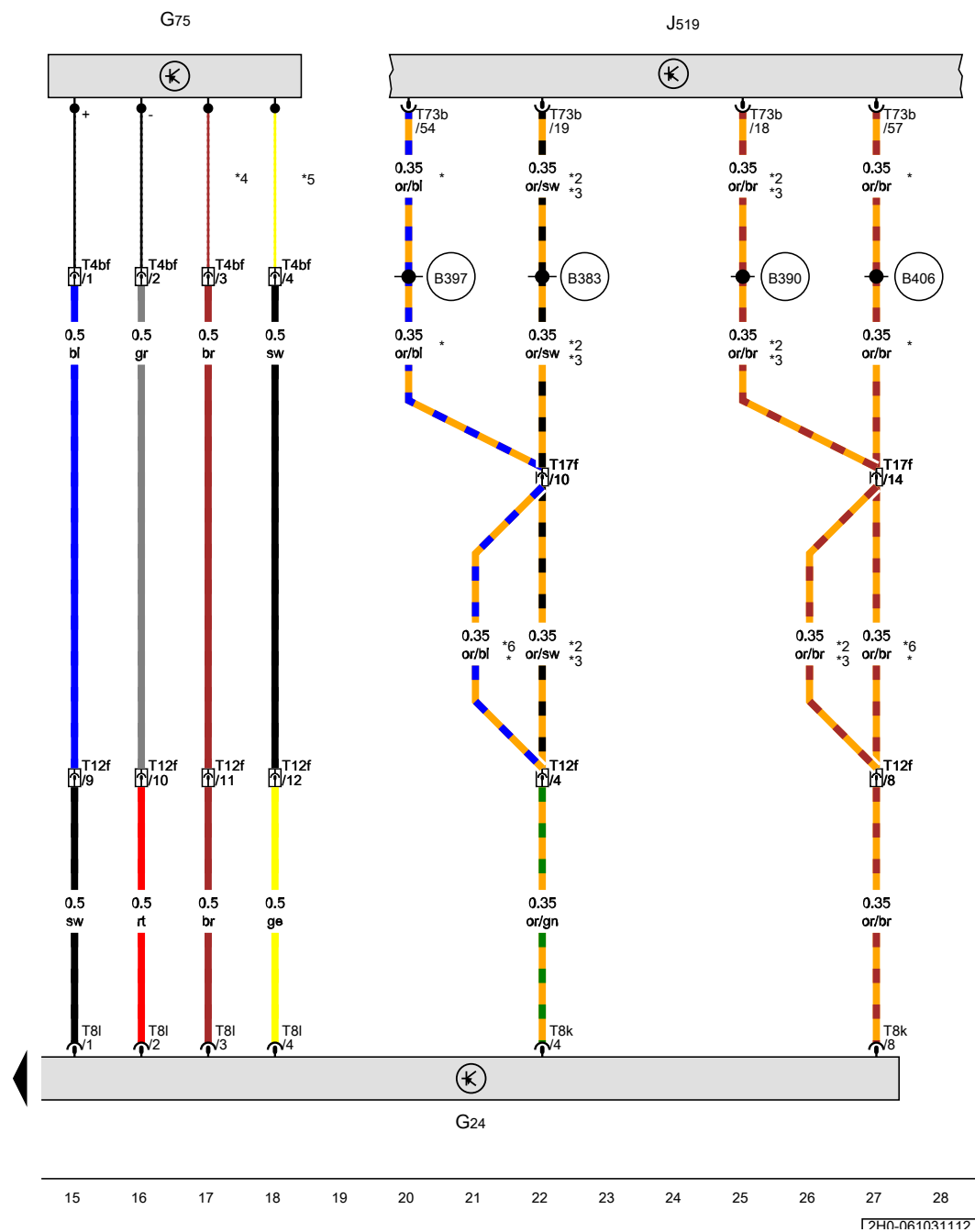
From June 2012



- E1 Light switch
- E595 Steering column combination switch
- G24 Tachograph
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T8k 8-pin connector, colourless
- T12f 12-pin connector, near handbrake lever, black
- T17f 17-pin connector, near handbrake lever, blue

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B472 Connection 8, in main wiring harness
- * From February 2013

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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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Tachograph sender

- G24 Tachograph
- G75 Tachograph sender, on rear axle, right
- J519 Onboard supply control unit
- T4bf 4-pin connector, on underbody, near rear axle, black
- T8k 8-pin connector, colourless
- T8l 8-pin connector, yellow
- T12f 12-pin connector, near handbrake lever, black
- T17f 17-pin connector, near handbrake lever, blue
- T73b 73-pin connector, colourless

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

- * Only models with automatic driving lights control
- *2 Only models with no start/stop system
- *3 Only models with no automatic headlight control with coming home
- *4 Speed signal
- *5 Data wire
- *6 Only models with start/stop system

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Trailer coupling

From June 2012

Fuse 6 on fuse holder C, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C

J345 Trailer detector control unit

SC6 Fuse 6 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

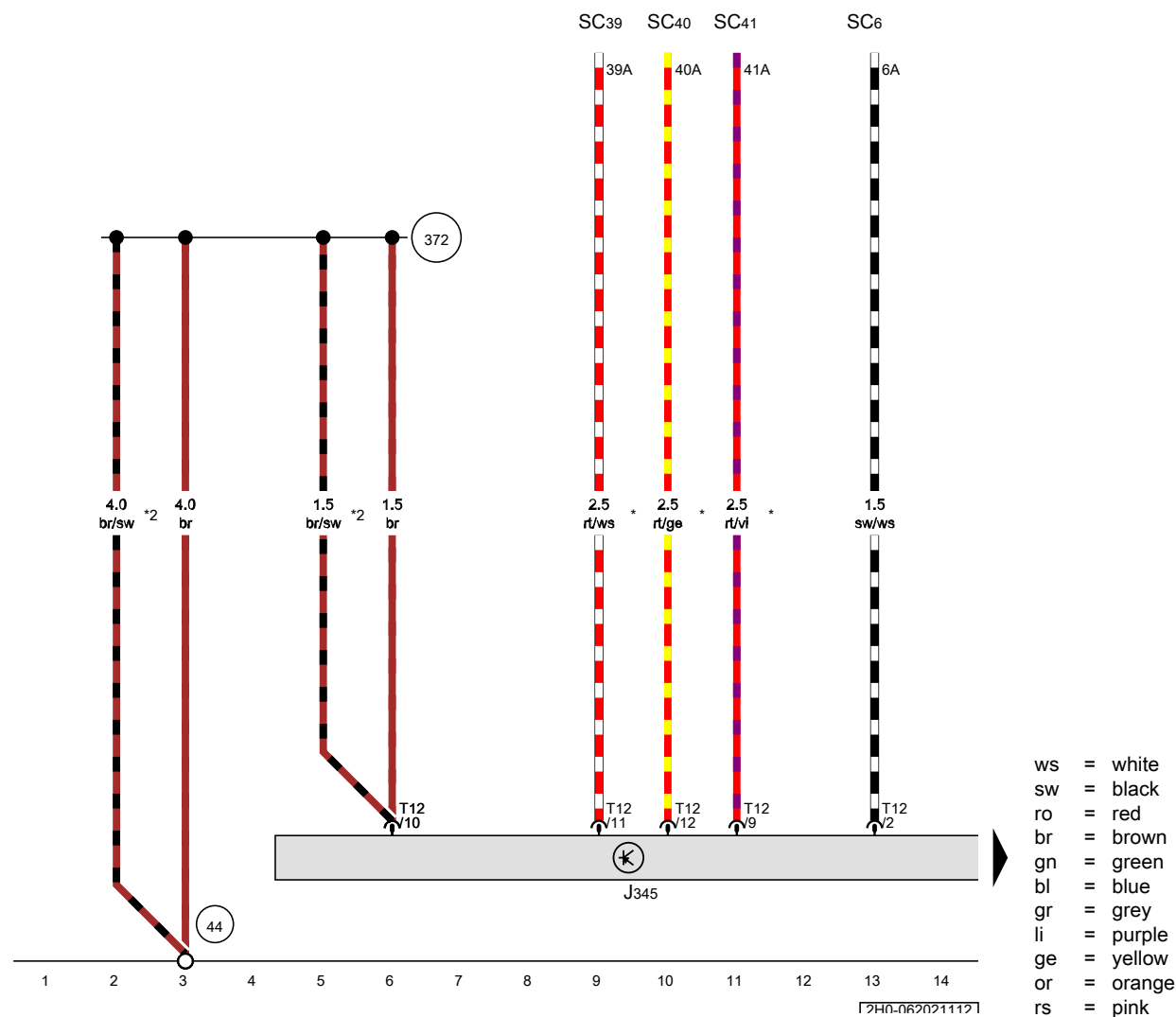
T12 12-pin connector, red

(44) Earth point, lower part of left A-pillar

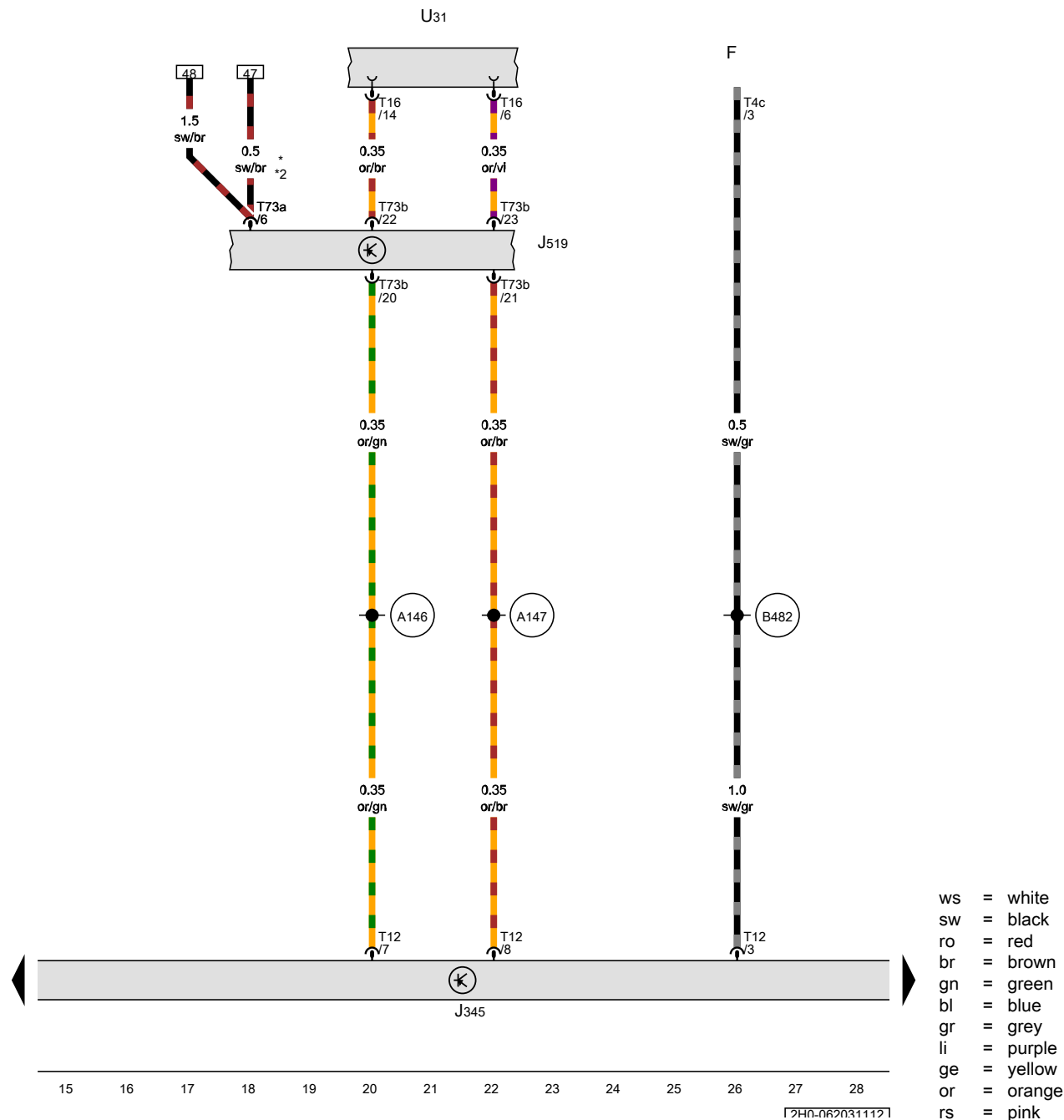
(372) Earth connection 7, in main wiring harness

* Cross-section 1.5 possible

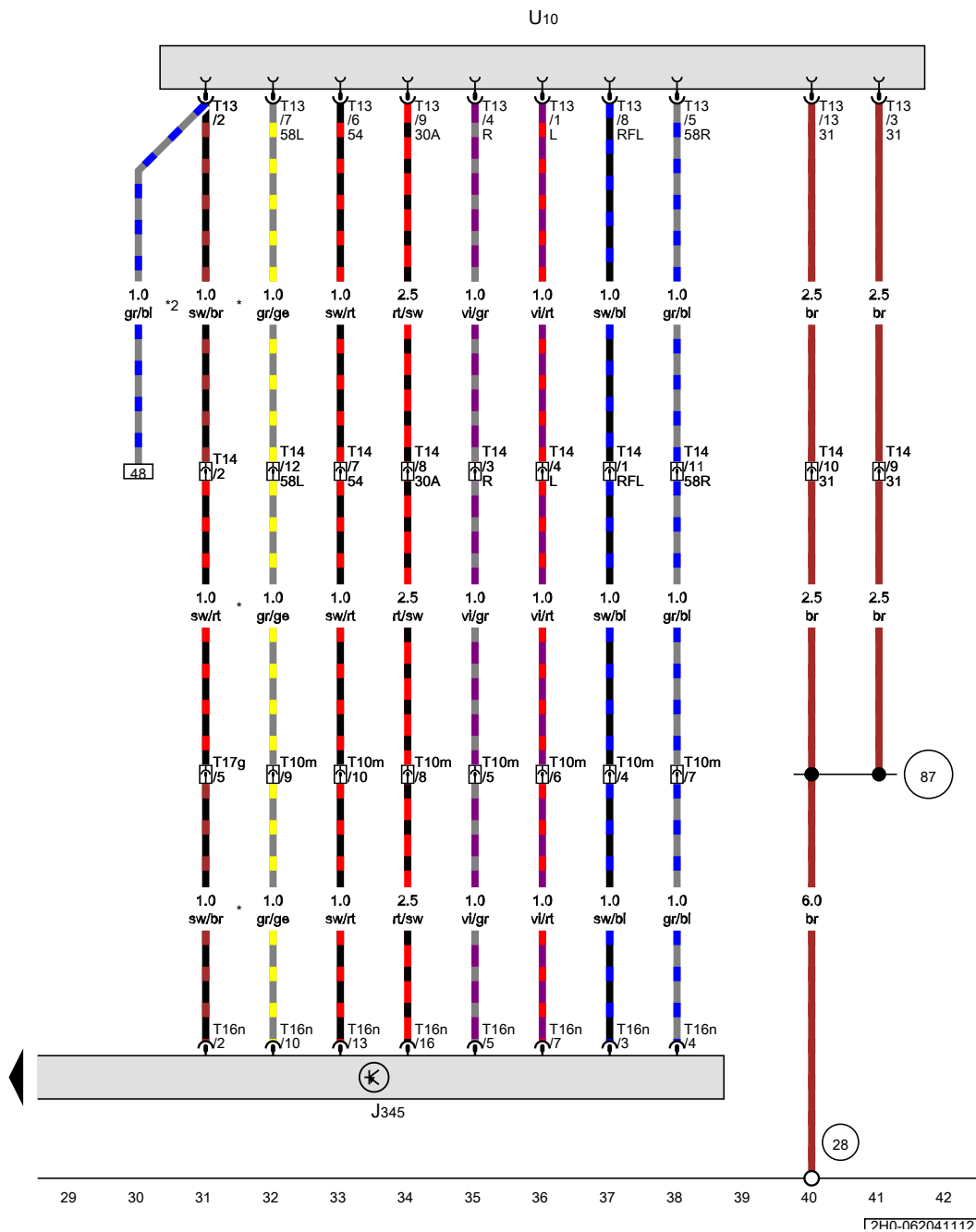
*2 From January 2013



Brake light switch, Diagnostic connection



- F Brake light switch
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- T4c 4-pin connector
- T12 12-pin connector, red
- T16 16-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- U31 Diagnostic connection, near driver side A-pillar
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * From January 2013
- *2 Only models with automatic driving lights control



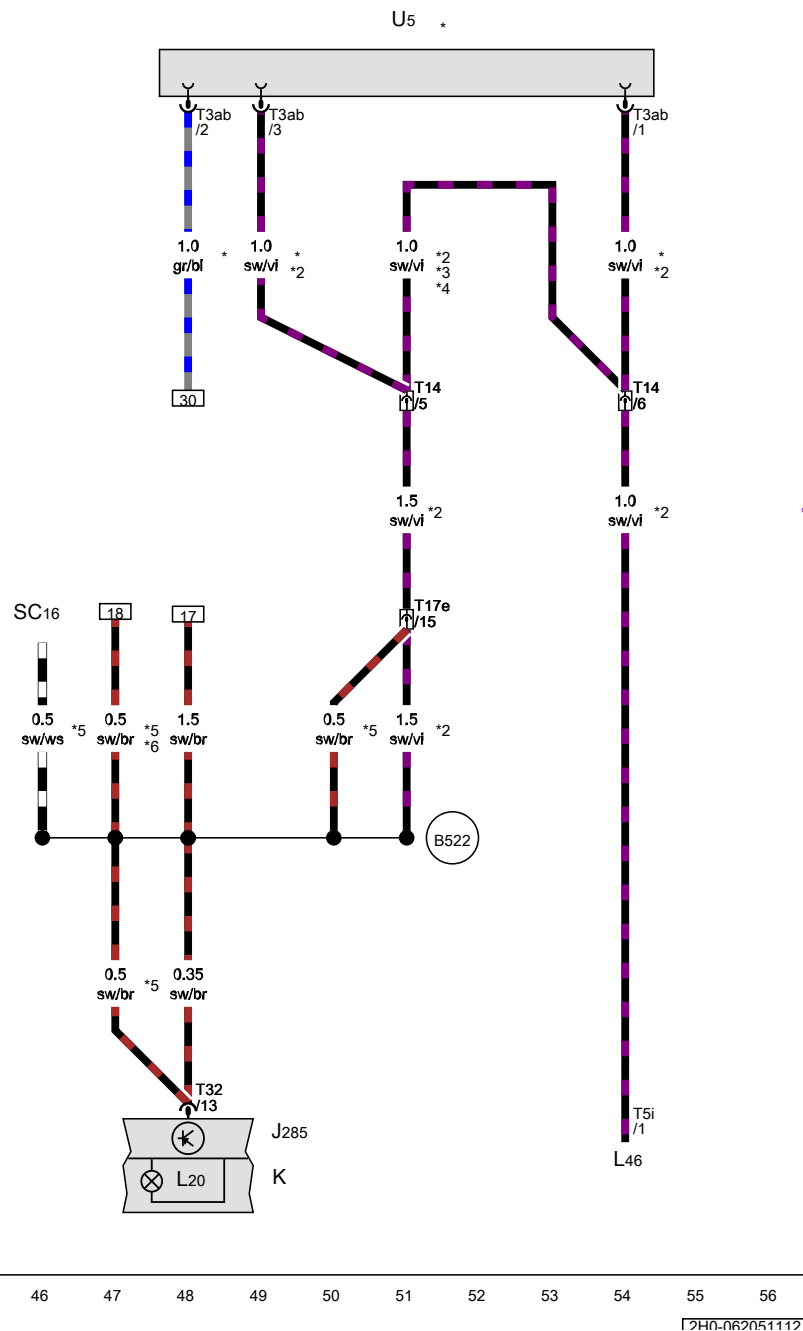
- J345 Trailer detector control unit
T10m 10-pin connector, near handbrake lever, brown
T13 13-pin connector, black
T14 14-pin connector, behind rear bumper on left, black
T16n 16-pin connector, black
T17g 17-pin connector, near handbrake lever, black
U10 Trailer socket, on rear skirt
- (28) Earth point, on bulkhead
(87) Earth connection 2, in rear wiring harness
- * Only models with automatic driving lights control
*2 Only models with no automatic headlight control with coming home

Dash panel insert, Rear left fog light bulb

- J285 Control unit in dash panel insert
 K Dash panel insert
 L20 Rear fog light bulb
 L46 Rear left fog light bulb
 SC16 Fuse 16 on fuse holder C
 T3ab 3-pin connector, black
 T5i 5-pin connector
 T14 14-pin connector, behind rear bumper on left, black
 T17e 17-pin connector, near handbrake lever, red
 T32 32-pin connector, blue
 U5 12 V socket, near trailer socket

B522 Connection (FL), in main wiring harness

- * Only models with no automatic headlight control with coming home
 *2 Only models with rear fog light
 *3 Push-in bridge
 *4 Only models with preparation for trailer coupling
 *5 From January 2013
 *6 Only models with automatic driving lights control



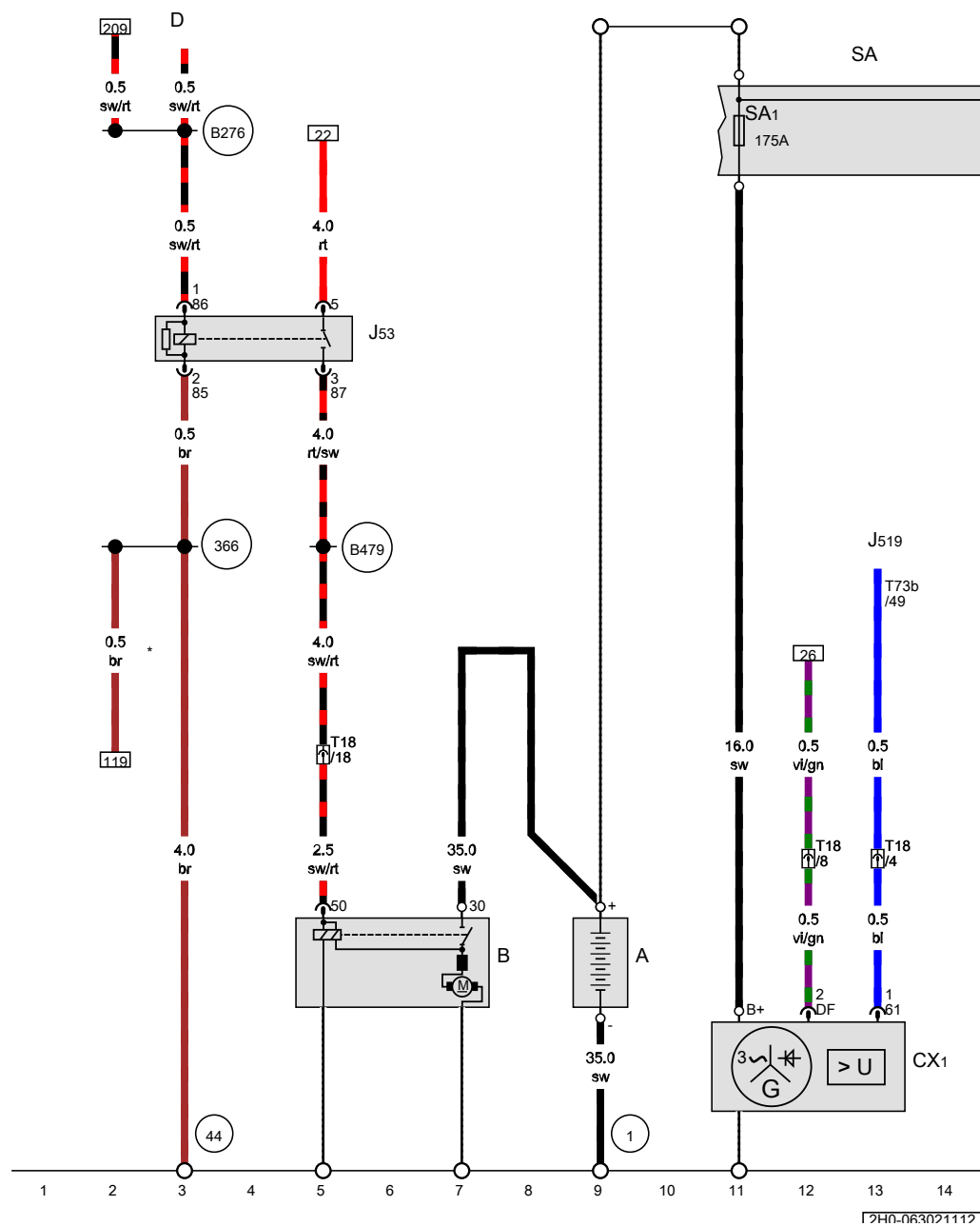
ws = white
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2.0l petrol engine , CFPA

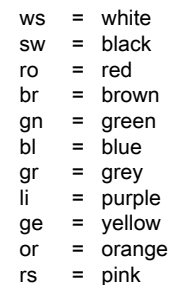
From June 2012

A	Battery
B	Starter
CX1	Alternator with voltage regulator
D	Ignition/starter switch
J53	Starter motor relay
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit, grey
T73b	73-pin connector

- 1 Earth strap, battery - body
 - 44 Earth point, lower part of left A-pillar
 - 366 Earth connection 1, in main wiring harness
 - B276 Positive connection (50), in main wiring harness
 - B479 Connection 15, in main wiring harness
- * From February 2013



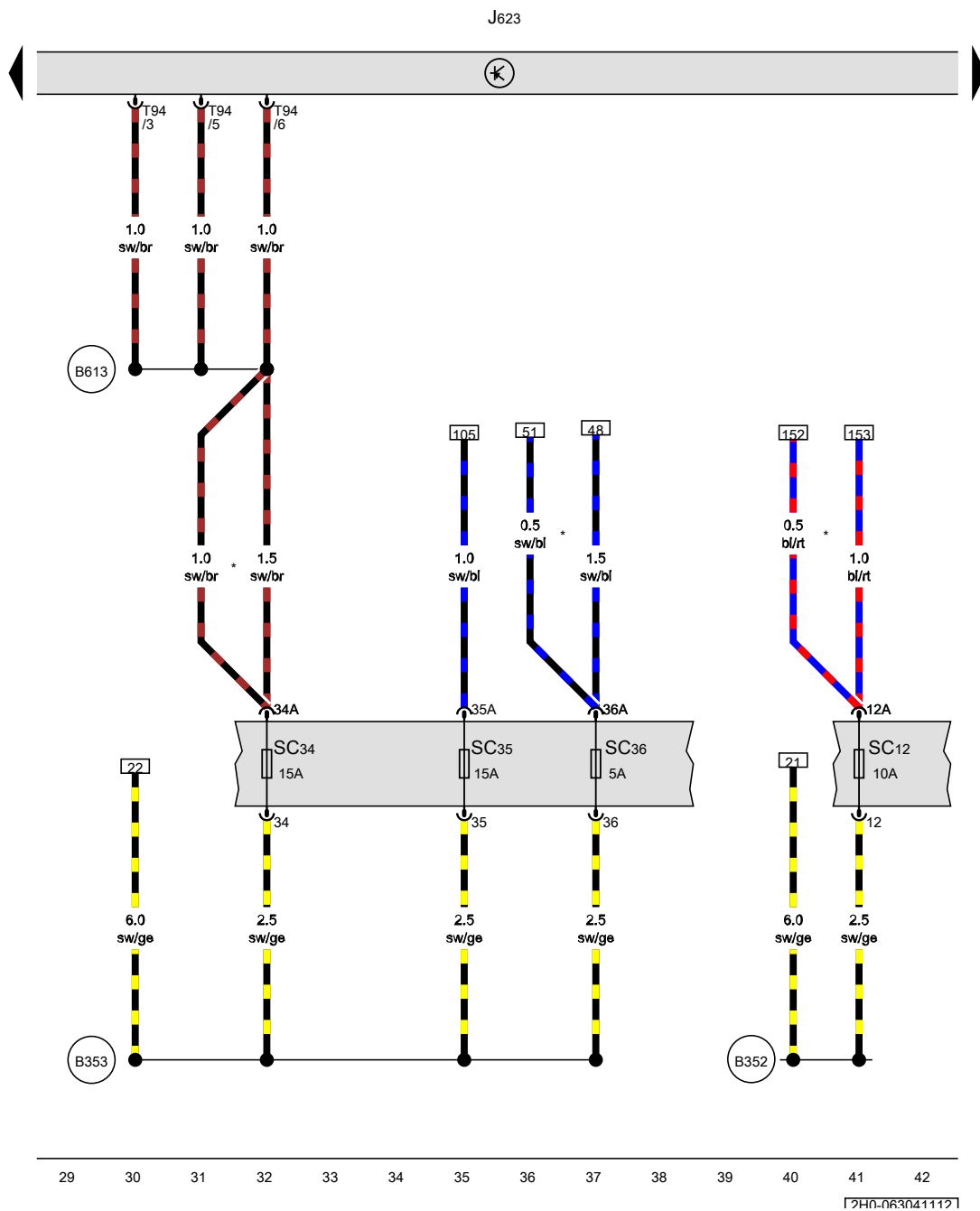
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J271	Main relay
J623	Engine control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T94	94-pin connector, black

- B315 Positive connection 1 (30a) in main wiring harness
- B331 Positive connection 17 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B571 Connection 38, in main wiring harness

* Only for countries with hot climate
*2 From February 1995



Engine control unit, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623 Engine control unit

SC12 Fuse 12 on fuse holder C

SC34 Fuse 34 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC36 Fuse 36 on fuse holder C

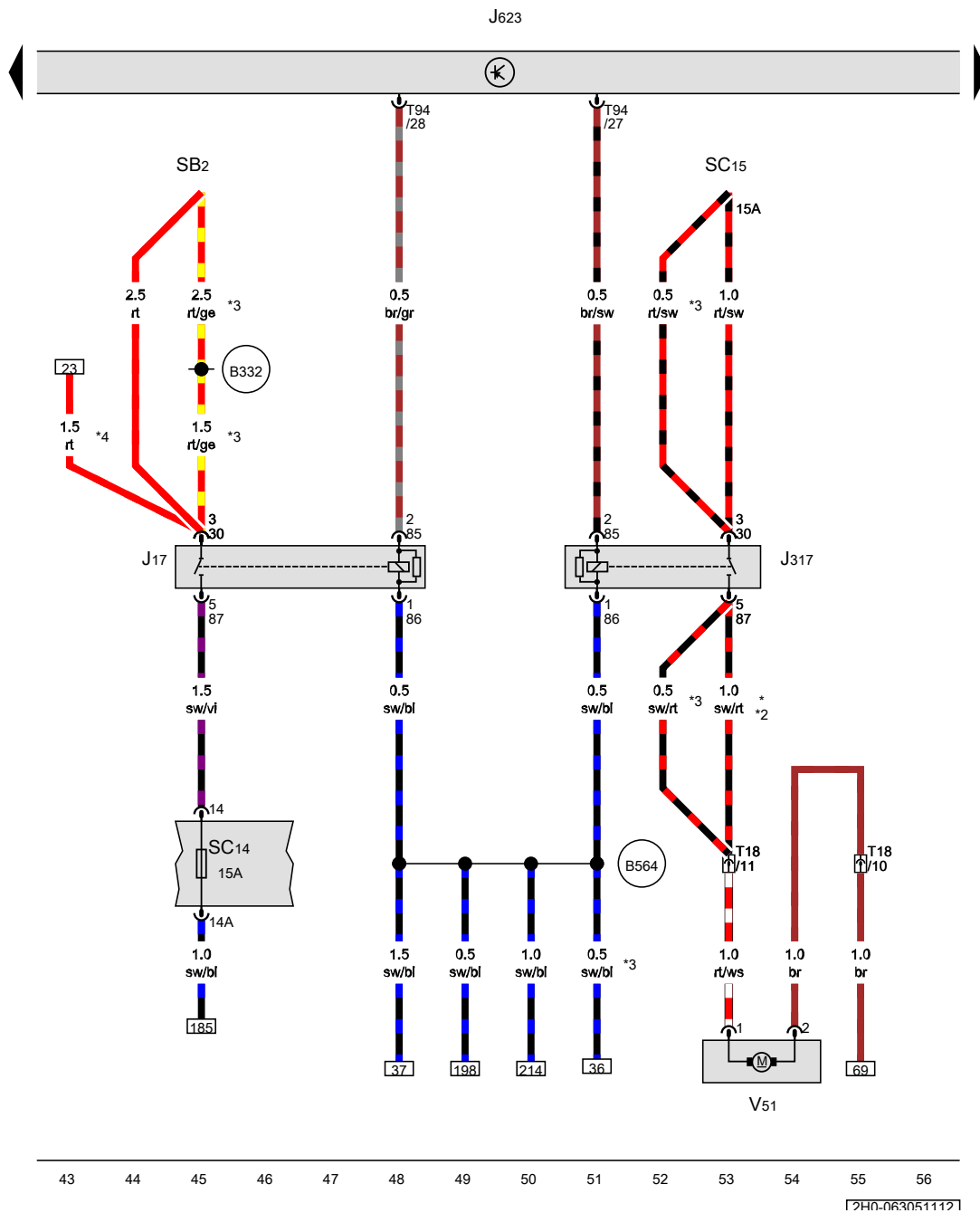
T94 94-pin connector, black

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

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

B613 Connection 41, in main wiring harness

* From February 2013



Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 14 on fuse holder C, Fuse 15 on fuse holder C, Continued coolant circulation pump

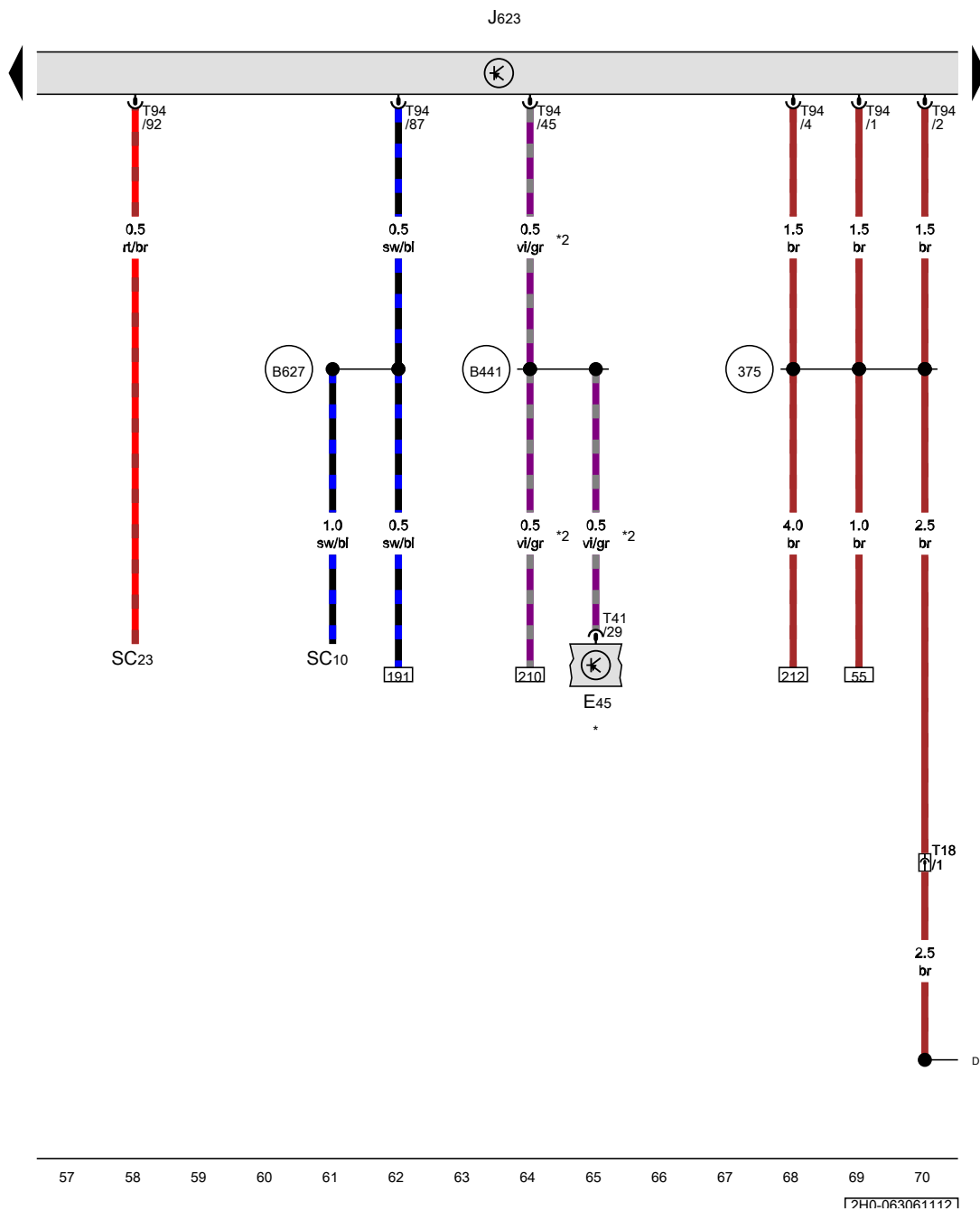
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- T18 18-pin connector, near engine control unit, grey
- T94 94-pin connector, black
- V51 Continued coolant circulation pump

B332 Positive connection 18 (30a) in main wiring harness

B564 Connection 31, in main wiring harness

- * Only models with no Climatronic
- *2 see applicable current flow diagram for automatic air conditioning system
- *3 From February 2013
- *4 From February 1995

ws = white
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 gr = grey
 li = purple
 ge = yellow
 or = orange
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Cruise control system switch, Engine control unit, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

- E45 Cruise control system switch
- J623 Engine control unit
- SC10 Fuse 10 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T18 18-pin connector, near engine control unit, grey
- T41 41-pin connector
- T94 94-pin connector, black

375 Earth connection 10, in main wiring harness

B441 Connection (CCS), in main wiring harness

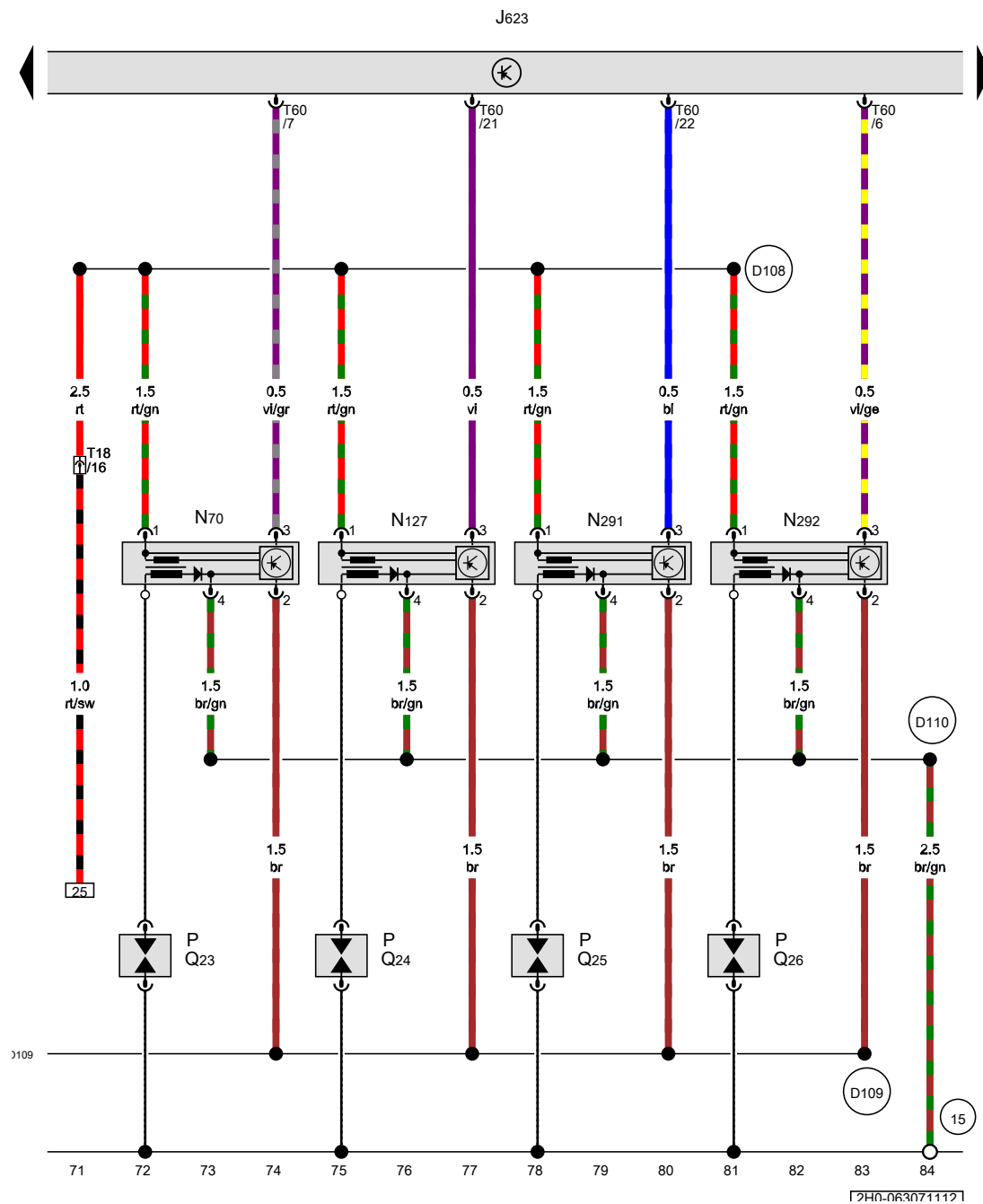
B627 Positive connection 3 (15), in main wiring harness

D109 Connection 7 in engine compartment wiring harness

* see applicable current flow diagram for basic equipment

*2 Only models with cruise control system (CCS)

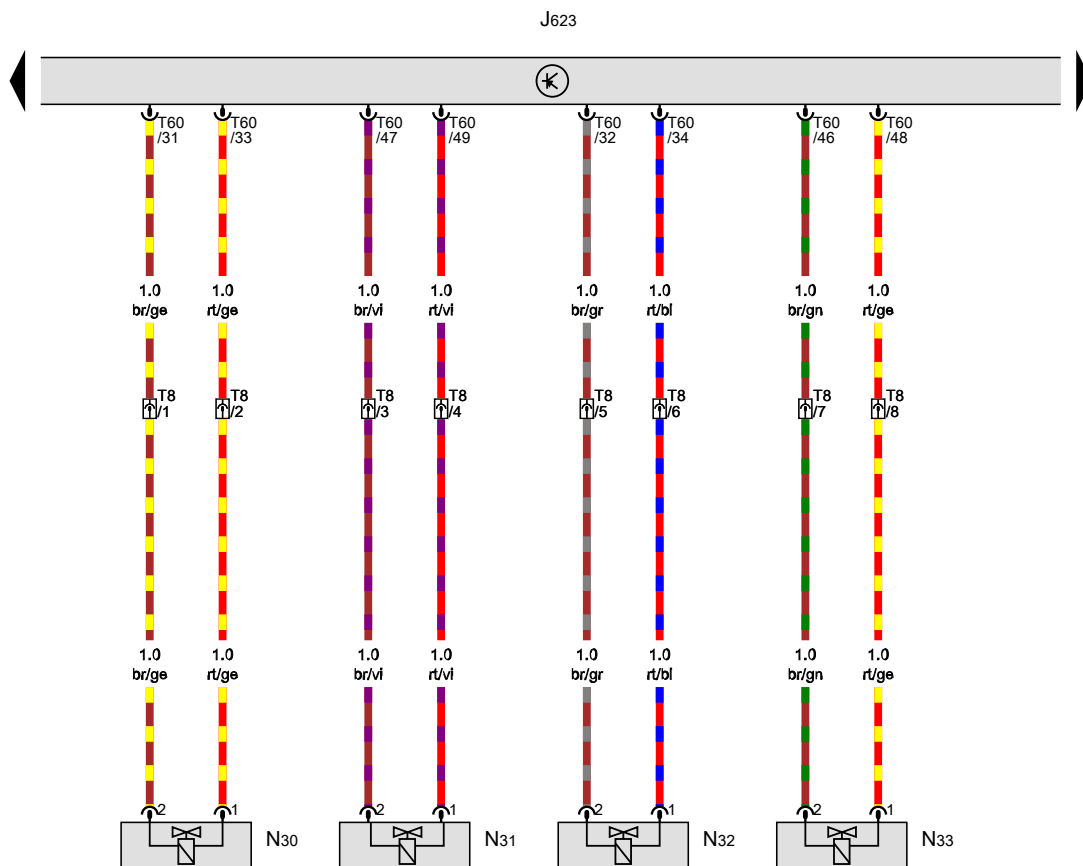
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black

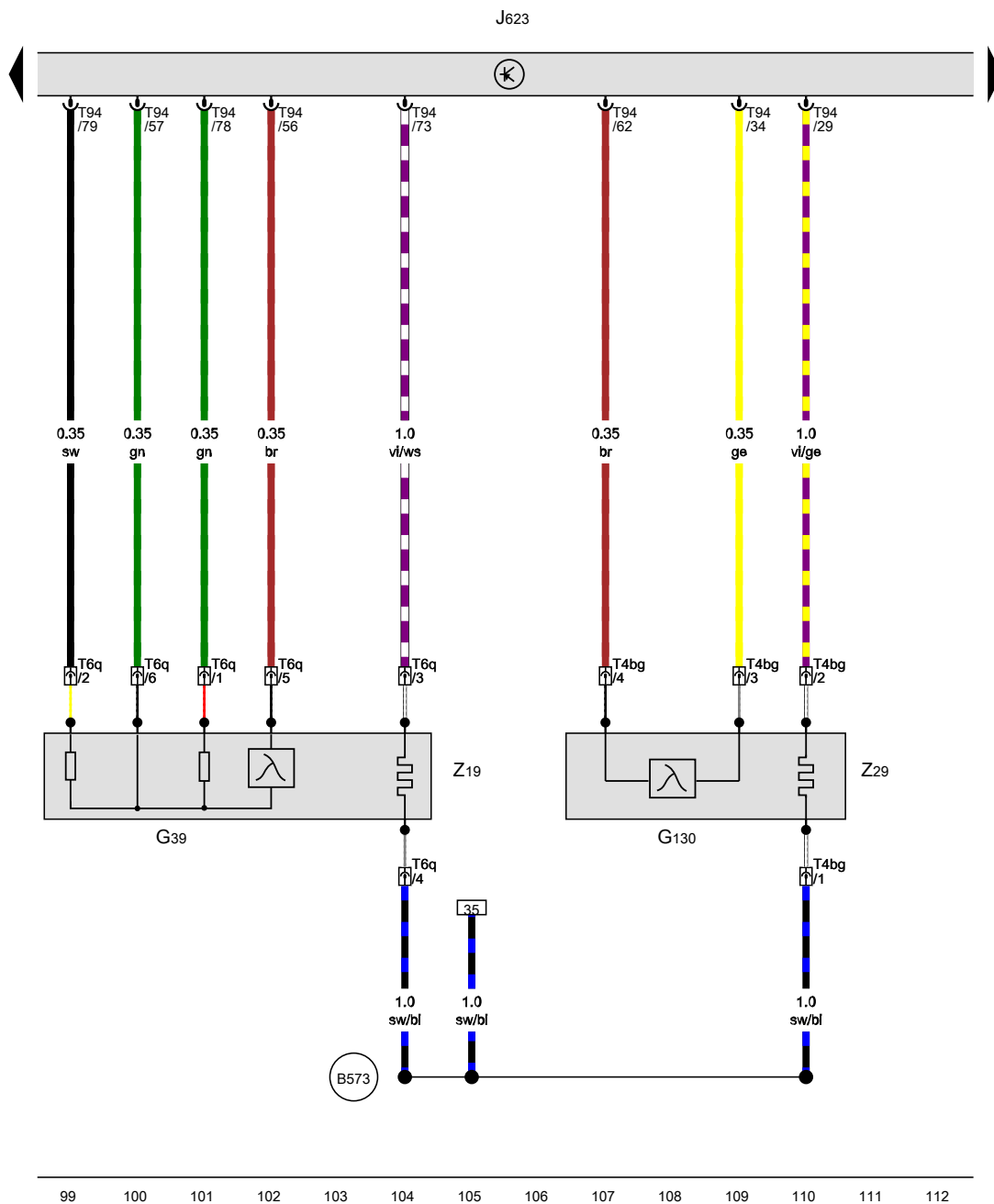
- 15 Earth point, on cylinder head
- D108 Connection 6 in engine compartment wiring harness
- D109 Connection 7 in engine compartment wiring harness
- D110 Connection 8 in engine compartment wiring harness



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

J623 Engine control unit
 N30 Injector, cylinder 1
 N31 Injector, cylinder 2
 N32 Injector, cylinder 3
 N33 Injector, cylinder 4
 T8 8-pin connector, brown
 T60 60-pin connector, black

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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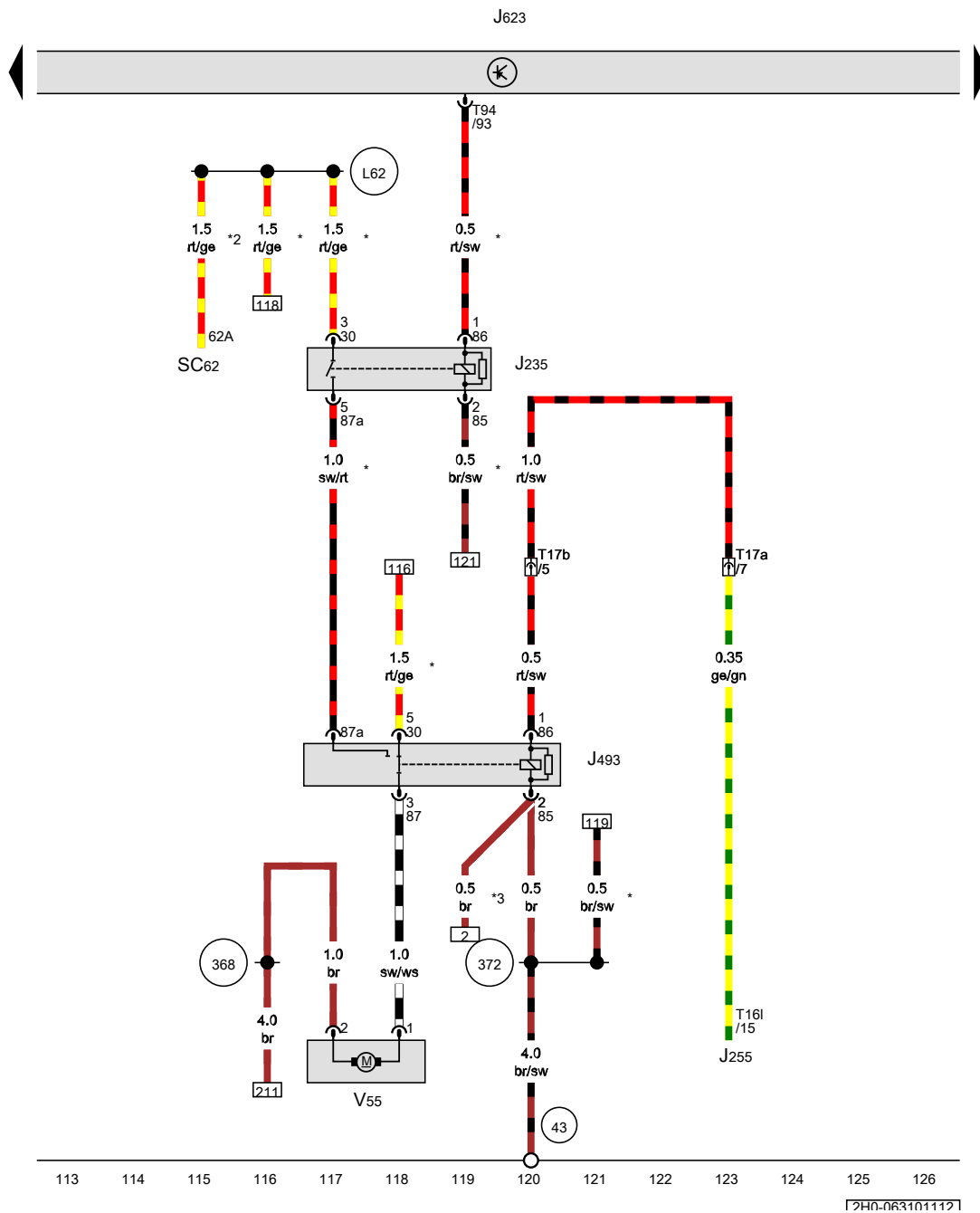
Lambda probe, Lambda probe after catalytic converter, Engine control unit

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4bg 4-pin connector, in rear right of engine compartment, black
- T6q 6-pin connector, front right in engine compartment, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B573 Connection 40, in main wiring harness

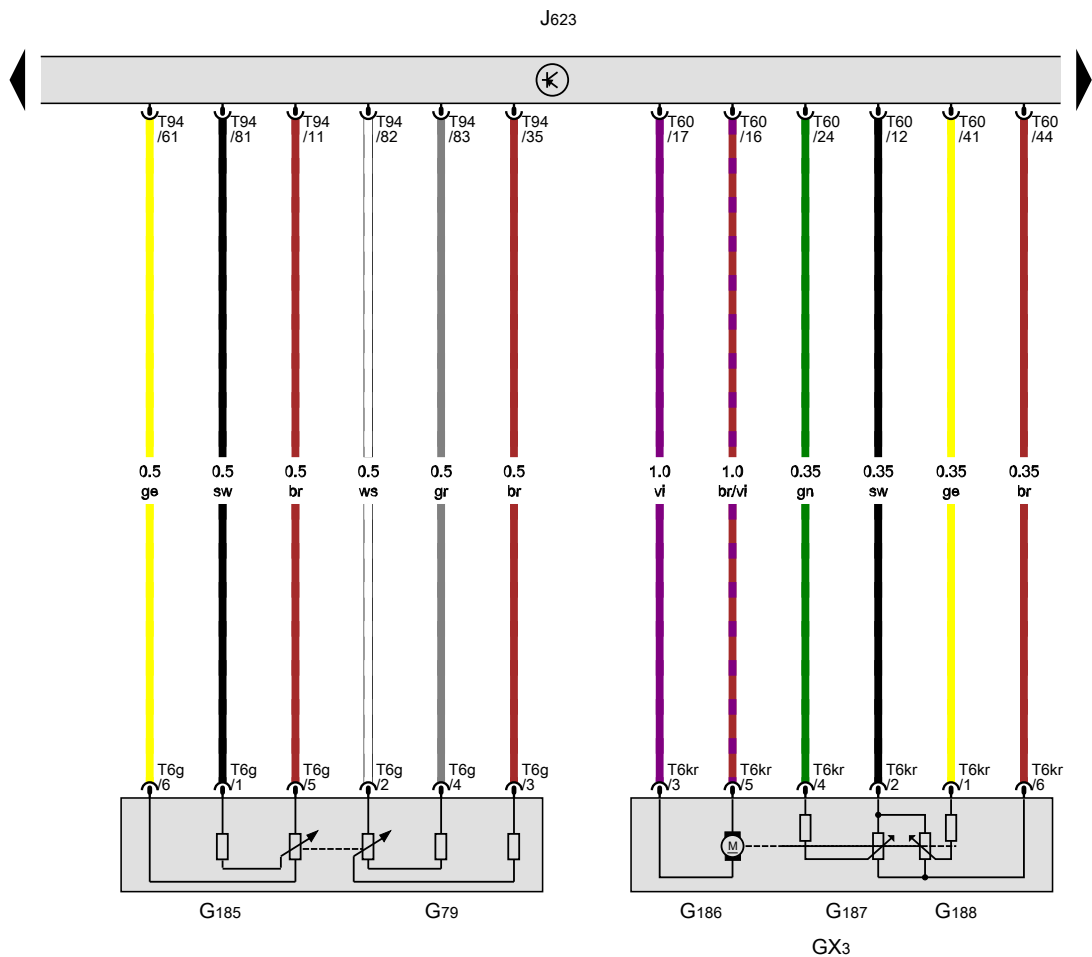
Engine control unit, Circulation pump

- J235 Coolant pump relay
 J255 Climatronic control unit
 J493 Auxiliary coolant heater relay
 J623 Engine control unit
 SC62 Fuse 62 on fuse holder C
 T16l 16-pin connector
 T17a 17-pin connector, behind glove compartment, black
 T17b 17-pin connector, on left under dash panel, brown
 T94 94-pin connector, black
 V55 Circulation pump
- 43 Earth point, lower part of right A-pillar
 368 Earth connection 3, in main wiring harness
 372 Earth connection 7, in main wiring harness
 L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with Climatronic
 *2 see applicable current flow diagram for fuse assignment
 *3 From February 2013

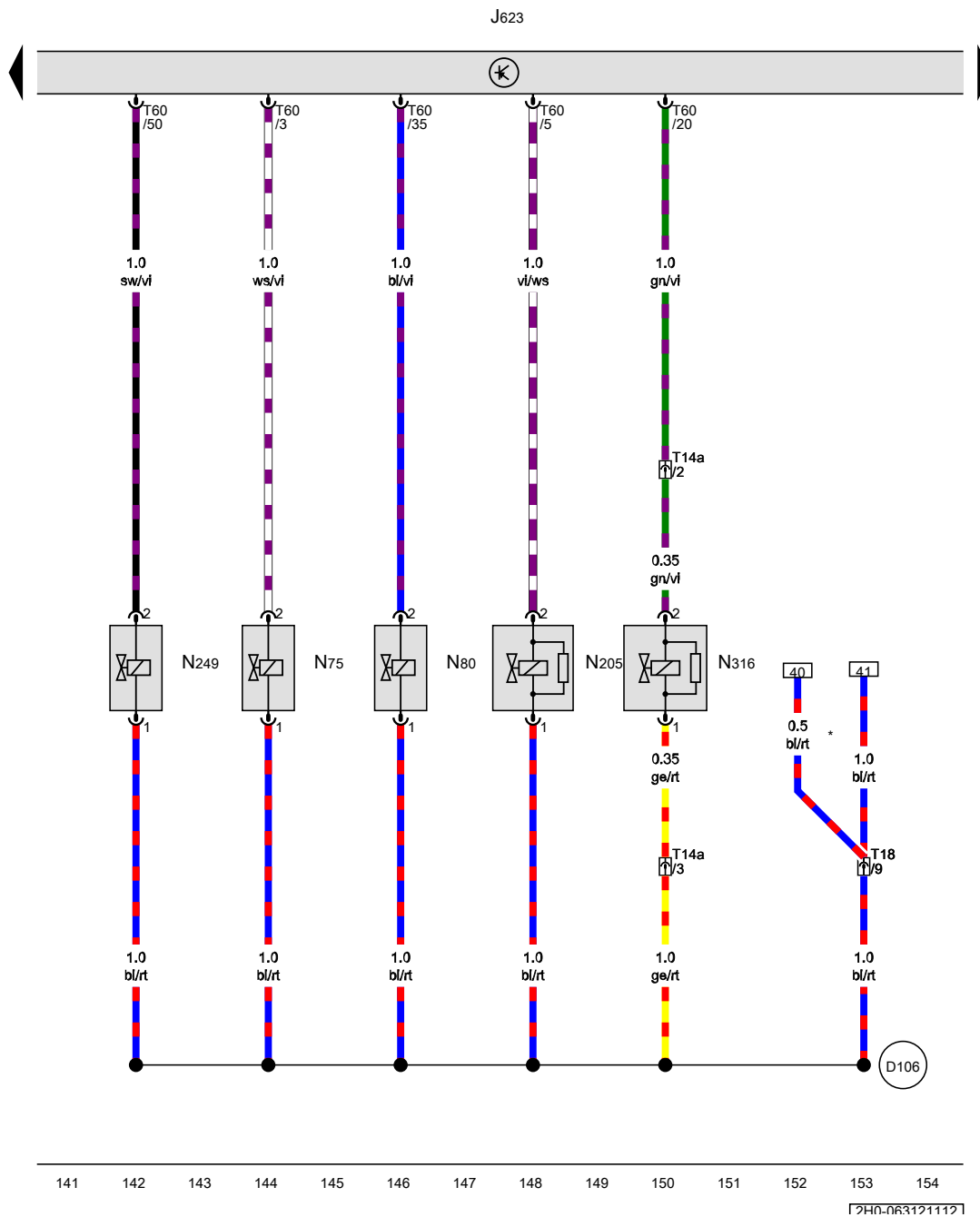
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Throttle valve module, Accelerator position sender, Throttle valve drive for electric throttle, Engine control unit



- GX3 Throttle valve module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J623 Engine control unit
- T6g 6-pin connector
- T6kr 6-pin connector
- T60 60-pin connector, black
- T94 94-pin connector, black



Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

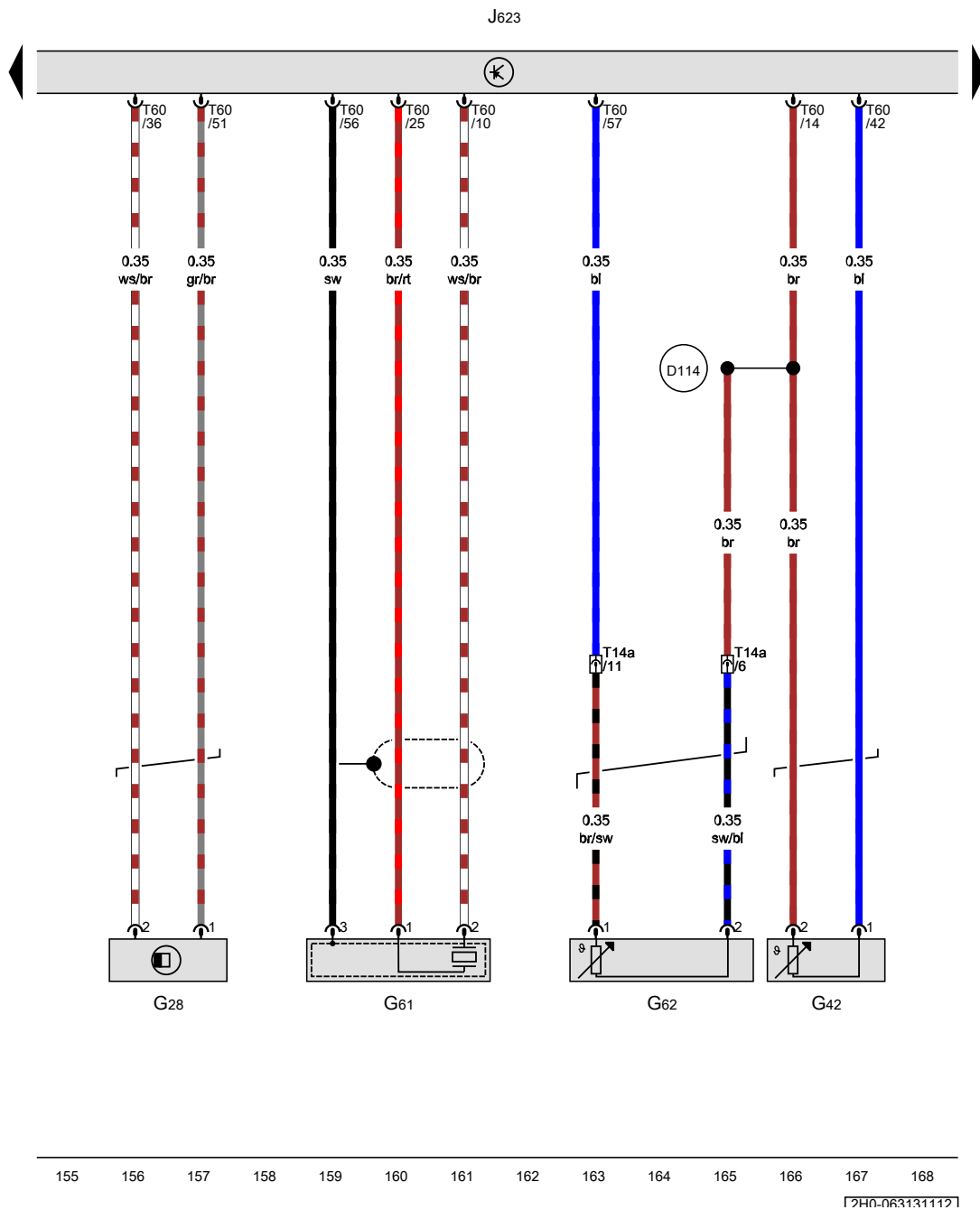
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T14a 14-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black

D106 Connection 4 in engine compartment wiring harness

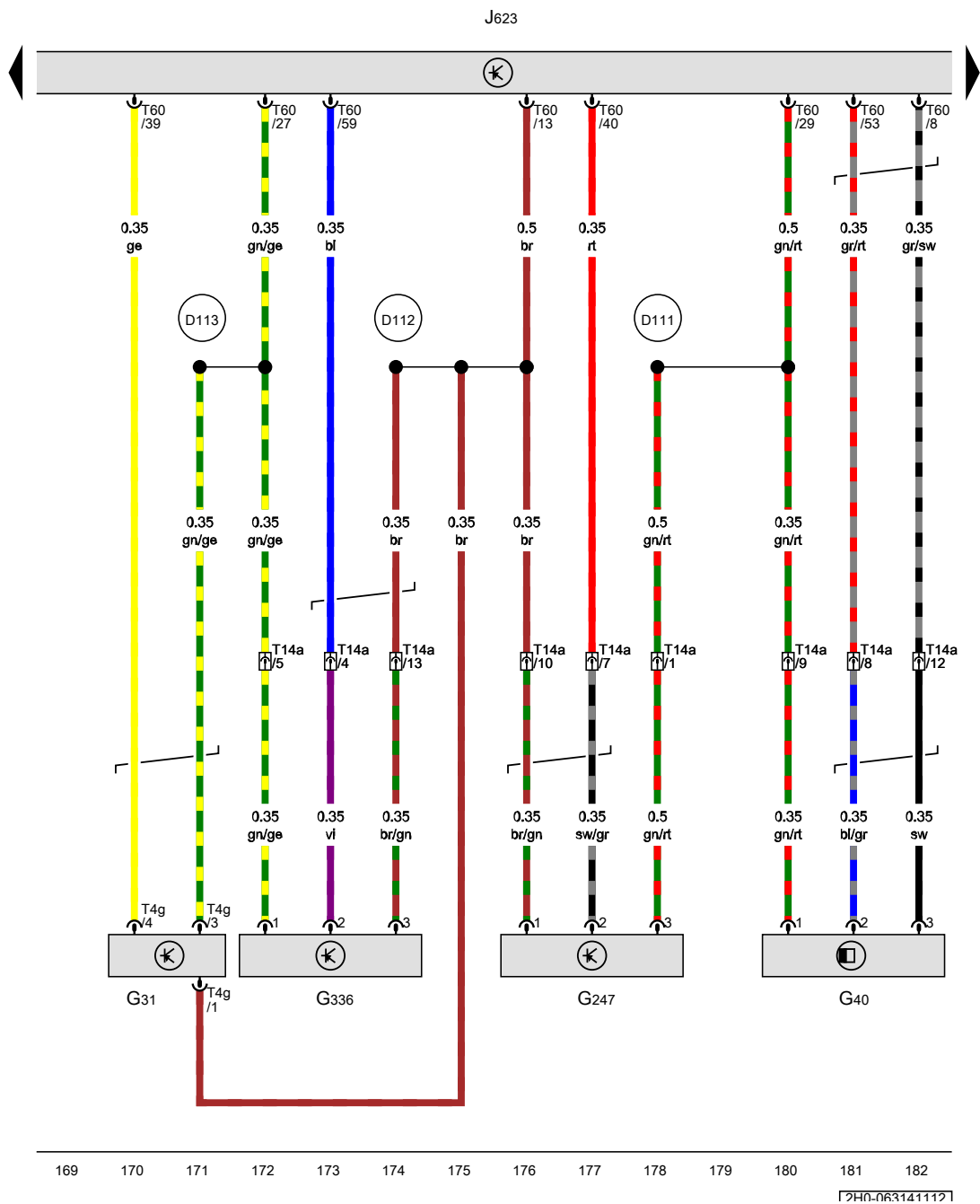
* From February 2013

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

Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine control unit



- G28 Engine speed sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine control unit
- T14a 14-pin connector, front left in engine compartment, black
- T60 60-pin connector, black
- D114 Connection 12 in engine compartment wiring harness



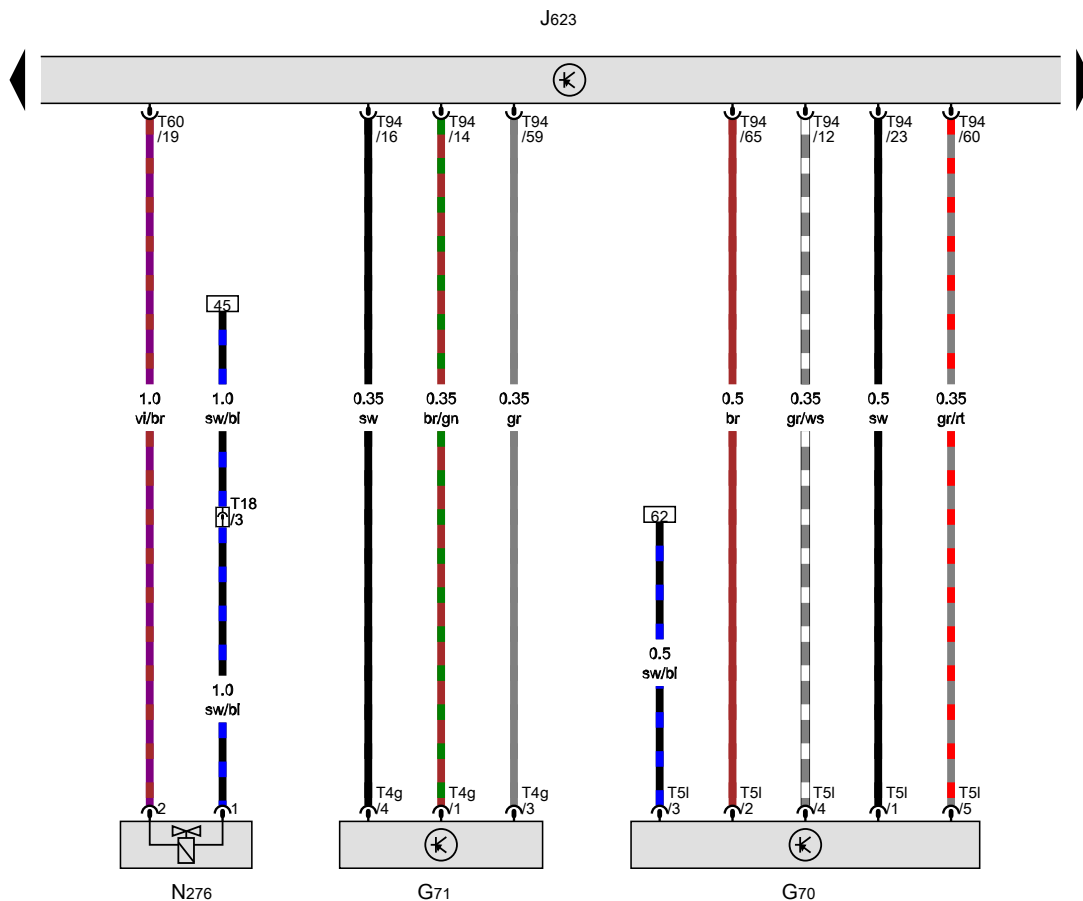
Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

- G31 Charge pressure sender
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T4g 4-pin connector
- T14a 14-pin connector, front left in engine compartment, black
- T60 60-pin connector, black

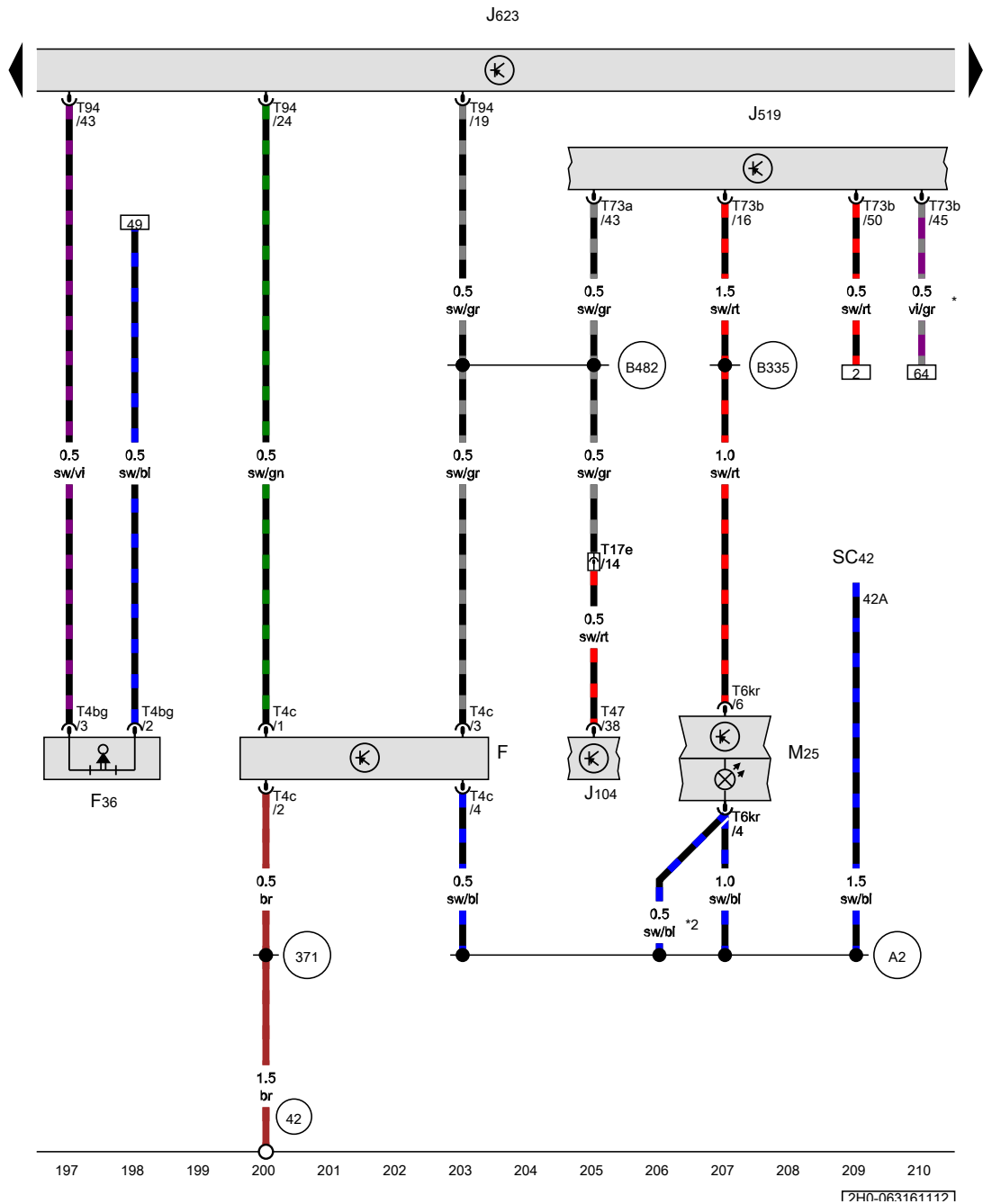
- D111 Connection 9 in engine compartment wiring harness
- D112 Connection 10 in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness

- ws = white
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- li = purple
- ge = yellow
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- rs = pink

Air mass meter, Intake manifold pressure sender, Engine control unit, Fuel pressure regulating valve



- G70 Air mass meter
- G71 Intake manifold pressure sender
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- T4g 4-pin connector
- T5l 5-pin connector
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black
- T94 94-pin connector, black



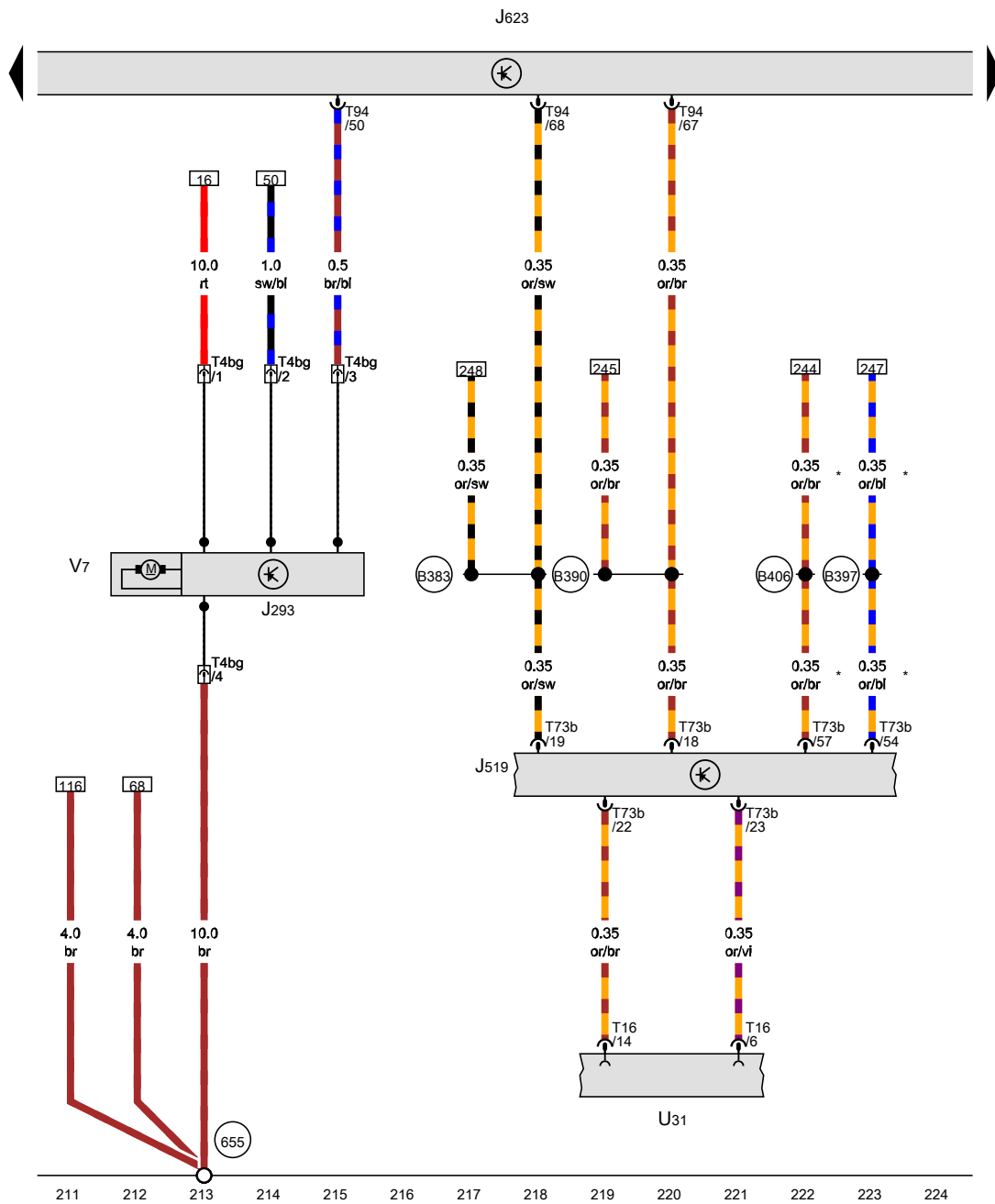
Brake light switch, Clutch pedal switch, ABS control unit,
Engine control unit

F	Brake light switch
F36	Clutch pedal switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine control unit
M25	Additional brake light bulb
SC42	Fuse 42 on fuse holder C
T4bg	4-pin connector
T4c	4-pin connector
T6kr	6-pin connector
T17e	17-pin connector, near handbrake lever, red
T47	47-pin connector
T73a	73-pin connector
T73b	73-pin connector
T94	94-pin connector, black

- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- B482 Connection 18, in main wiring harness

* Only models with cruise control system (CCS)
*2 From February 2013

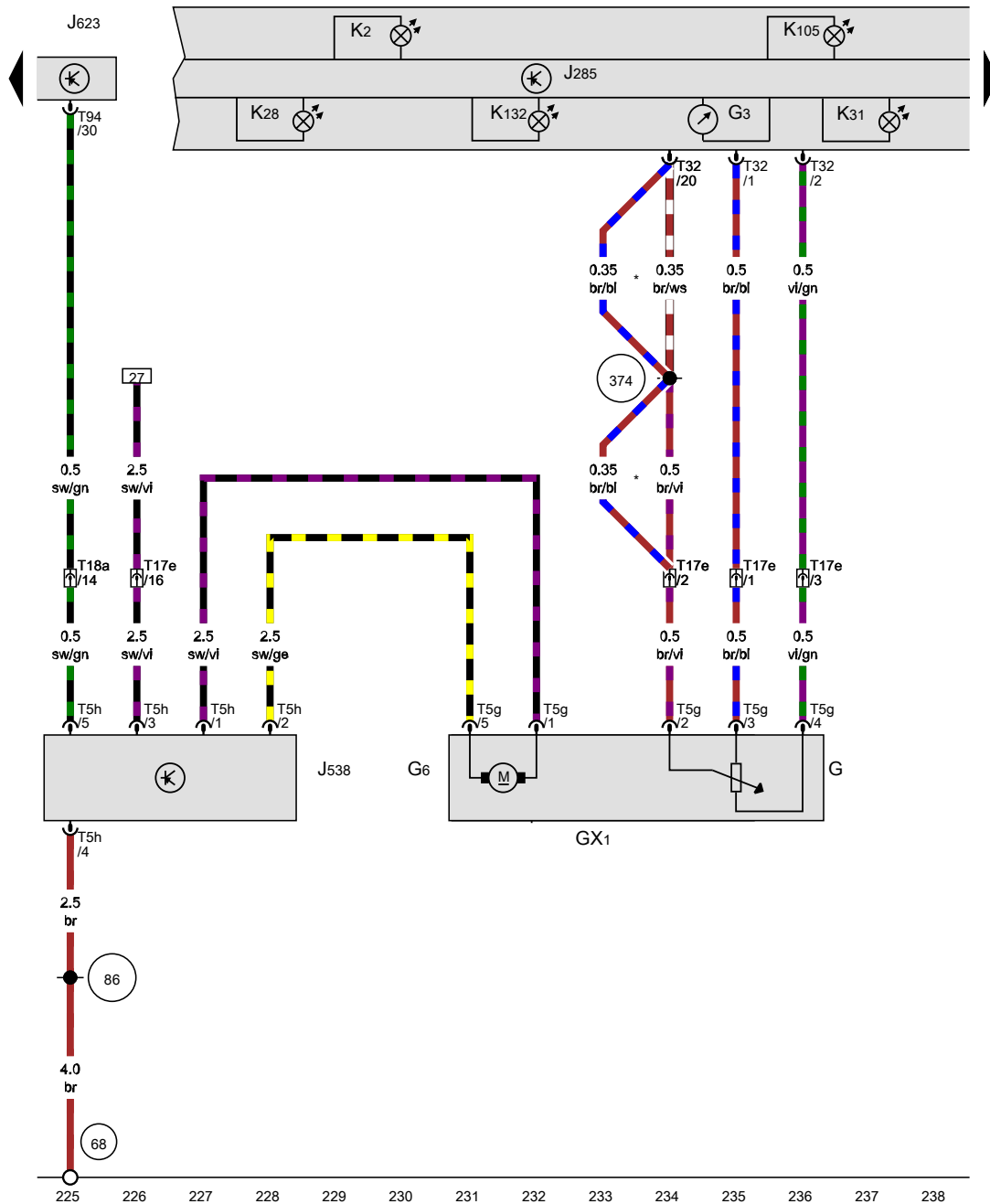
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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Engine control unit

- J293 Radiator fan control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4bg 4-pin connector, in rear right of engine compartment, black
- T16 16-pin connector
- T73b 73-pin connector
- T94 94-pin connector, black
- U31 Diagnostic connection
- V7 Radiator fan
- 655 Earth point, on left headlight
- 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
- * Only models with automatic driving lights control

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit, Dash panel insert

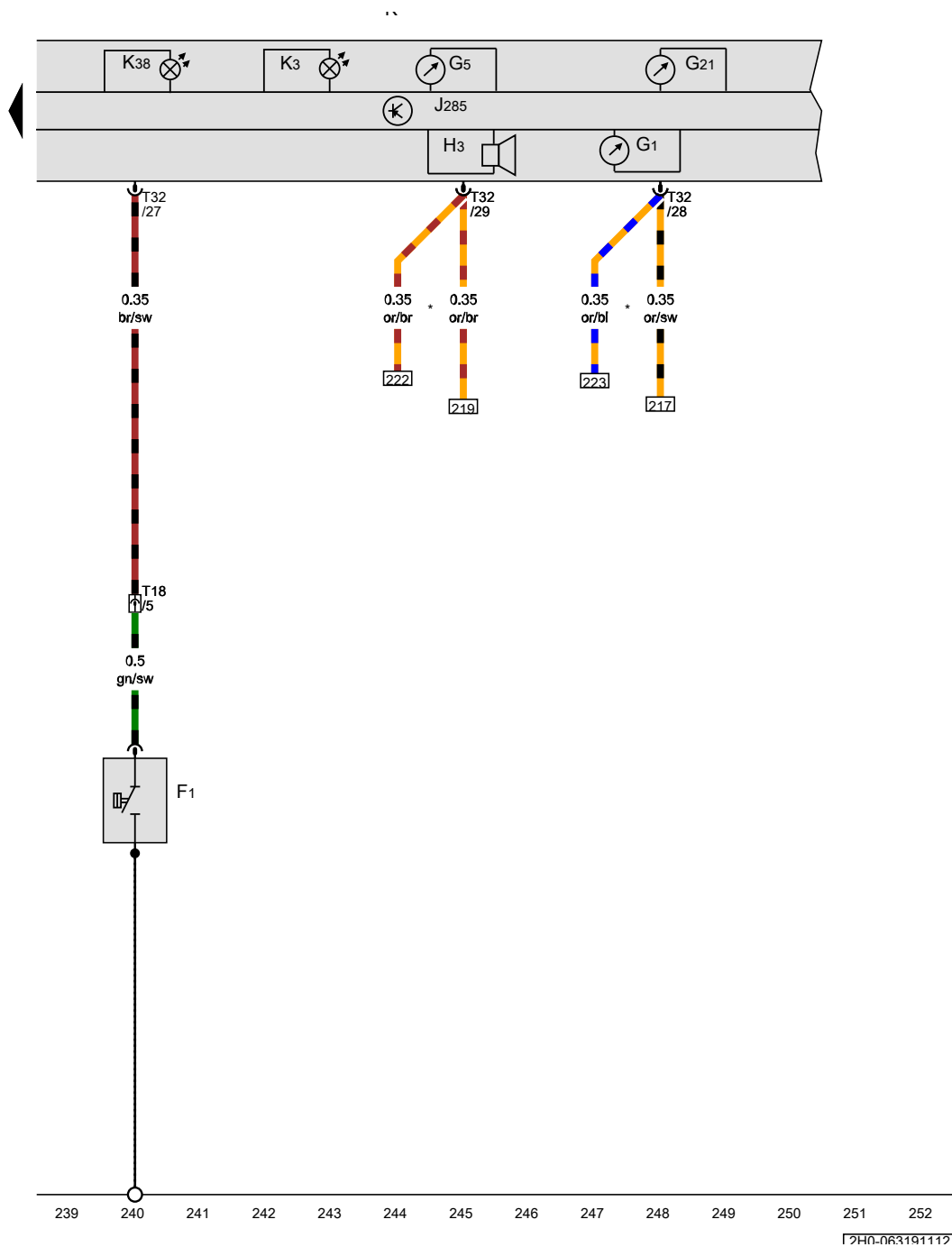
- G Fuel gauge sender, on fuel tank
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit, on fuel tank
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- T5g 5-pin connector, black
- T5h 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- T32 32-pin connector, blue
- T94 94-pin connector, black

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 374 Earth connection 9, in main wiring harness

* From February 2013

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17H0-063181117



Oil pressure switch, Dash panel insert

- F1 Oil pressure switch
- G1 Fuel gauge
- G5 Rev. counter
- G21 Speedometer
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- * Only models with automatic driving lights control

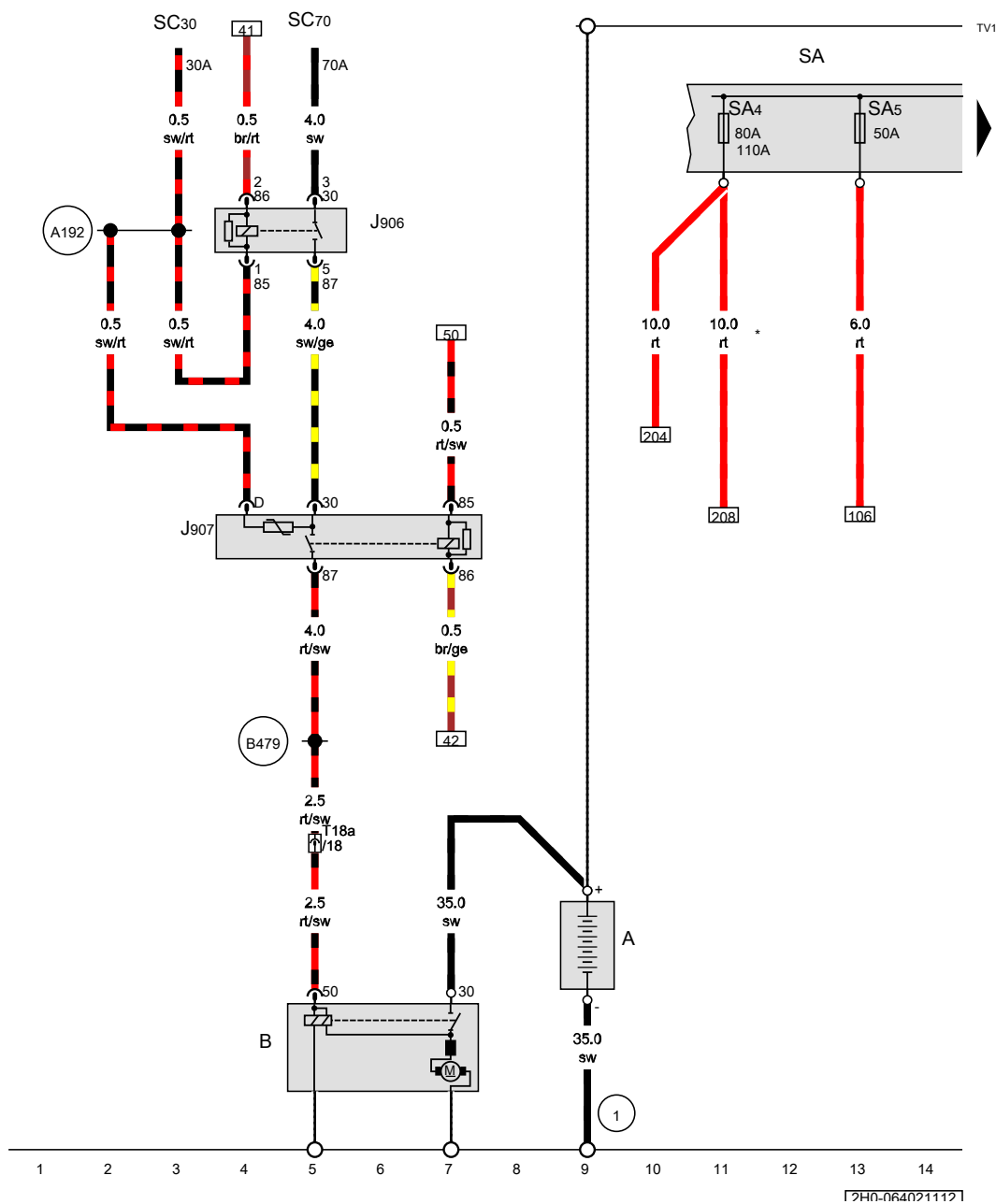
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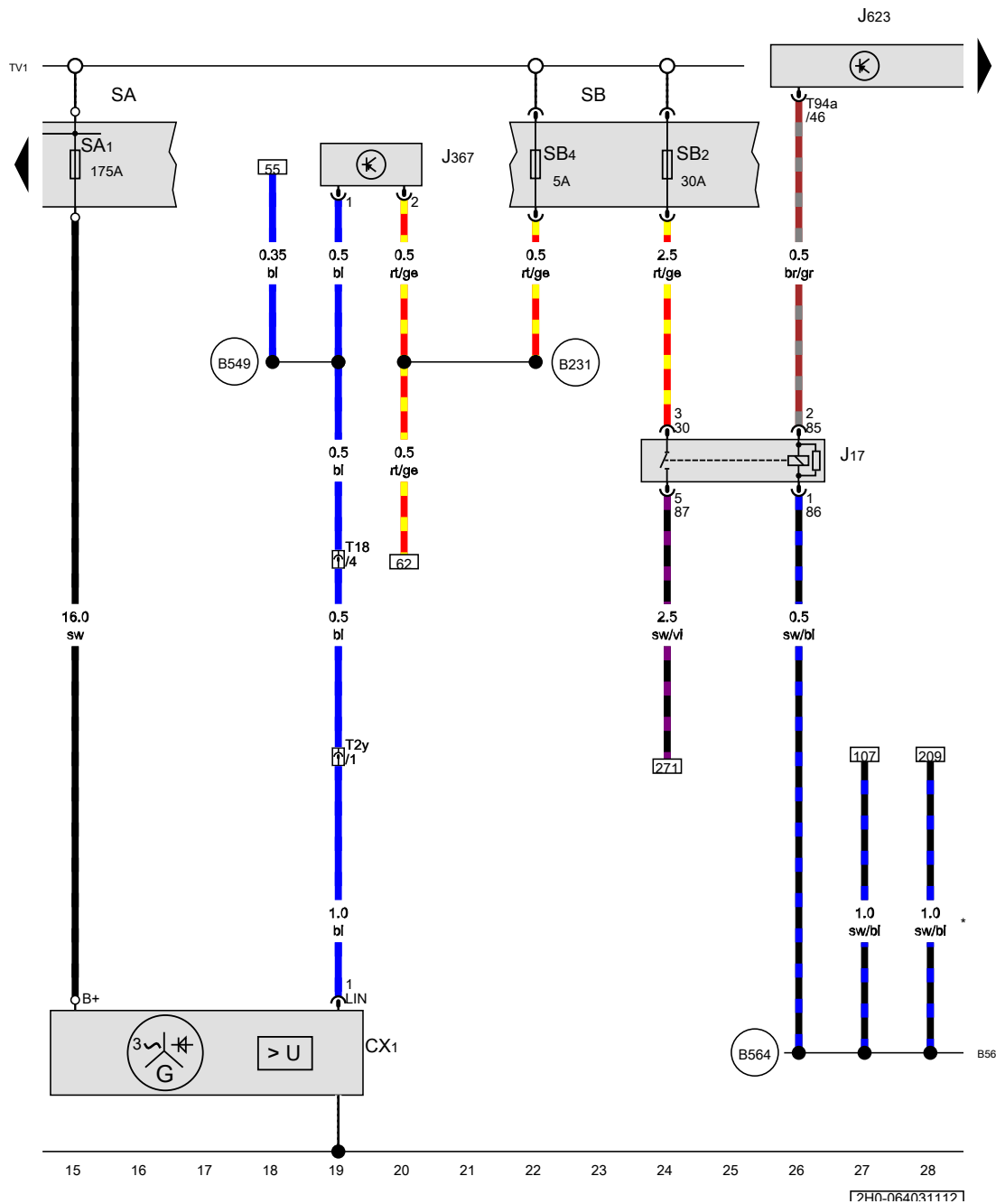
[74H0-063191112]

2.0l diesel engine , CDBA,(7L6)

From June 2012

Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A





Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse 1 in fuse holder A, Fuse holder B, Fuse 2 on fuse holder B

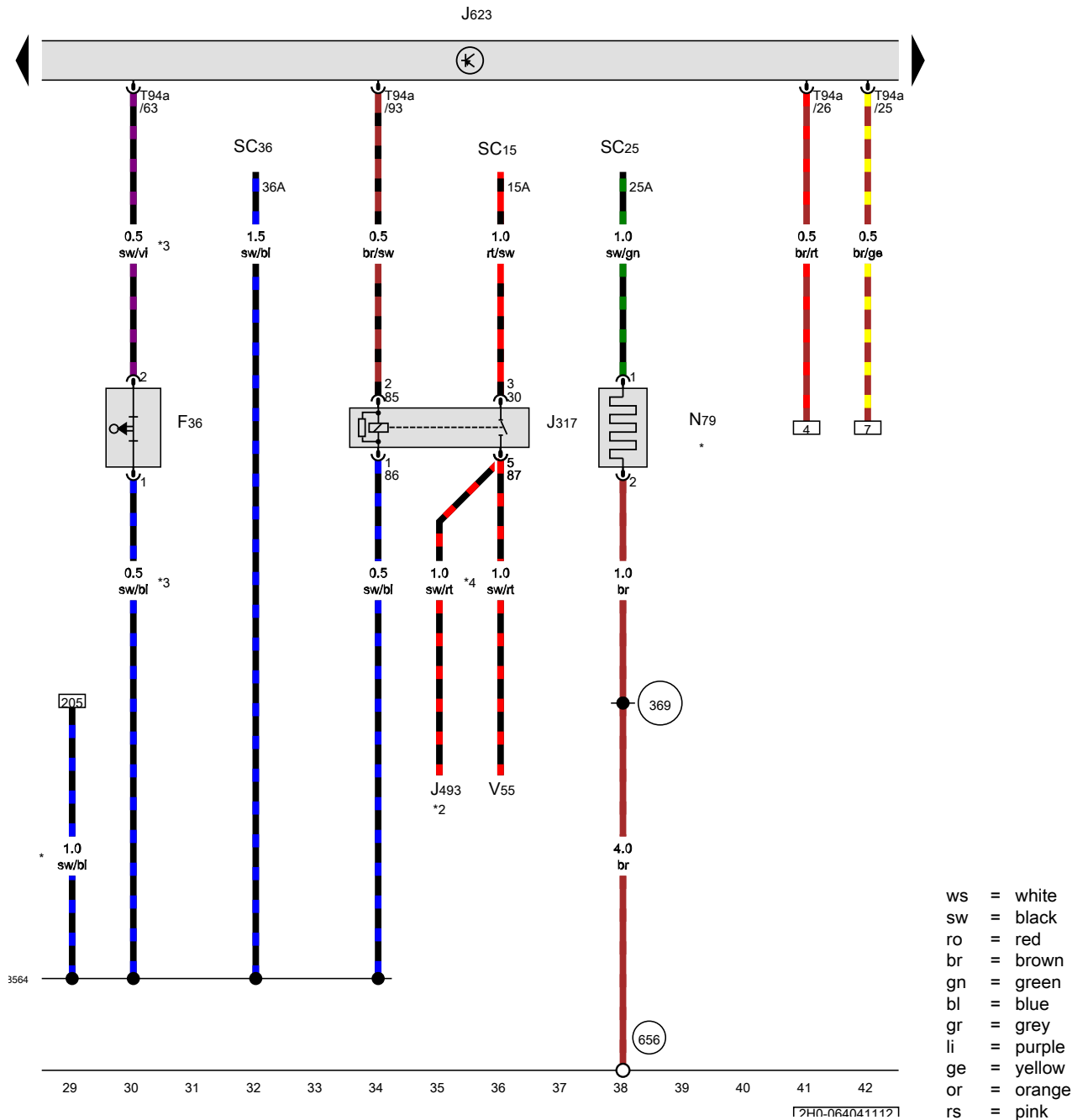
- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J367 Battery monitor control unit
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- T2y 2-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

(B231) Positive connection 5 (30a), in interior wiring harness

(B549) Connection 2 (LIN bus) in main wiring harness

(B564) Connection 31, in main wiring harness

* Hot country version



Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Heater element for crankcase breather, Fuse 15 on fuse holder C, Fuse 25 on fuse holder C, Fuse 36 on fuse holder C

- F36 Clutch pedal switch
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- N79 Heater element for crankcase breather
- SC15 Fuse 15 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94a 94-pin connector, black
- V55 Circulation pump

369 Earth connection 4, in main wiring harness

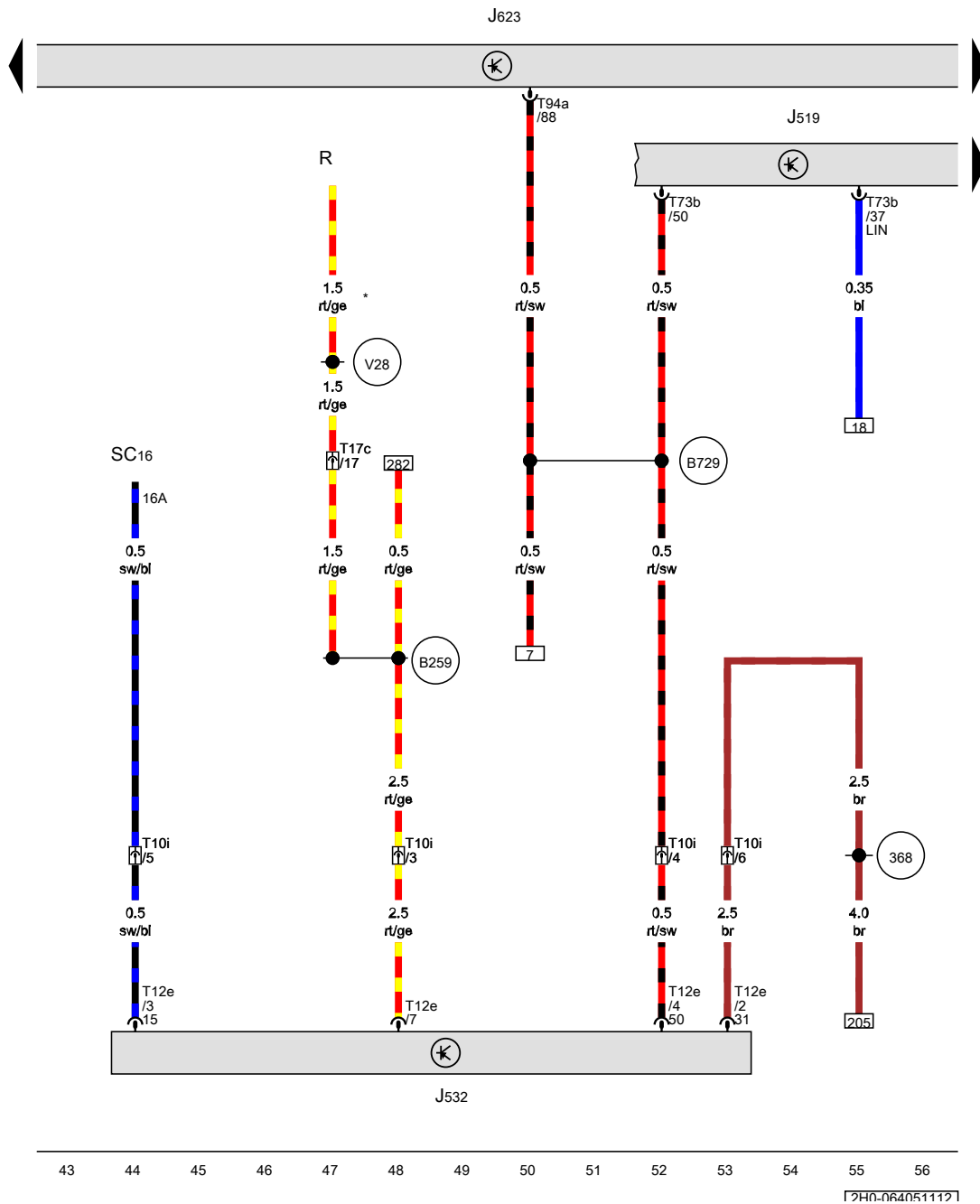
656 Earth point, on right headlight

B564 Connection 31, in main wiring harness

- * Only models with crankcase breather heater element
- *2 see applicable current flow diagram for air conditioning
- *3 Only models with manual gearbox
- *4 Only models with Climatronic

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Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C



- J519 Onboard supply control unit
- J532 Voltage stabiliser, in front left wing
- J623 Engine control unit
- R Radio
- SC16 Fuse 16 on fuse holder C
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector, black
- T17c 17-pin connector, on left under dash panel, black
- T73b 73-pin connector
- T94a 94-pin connector, black

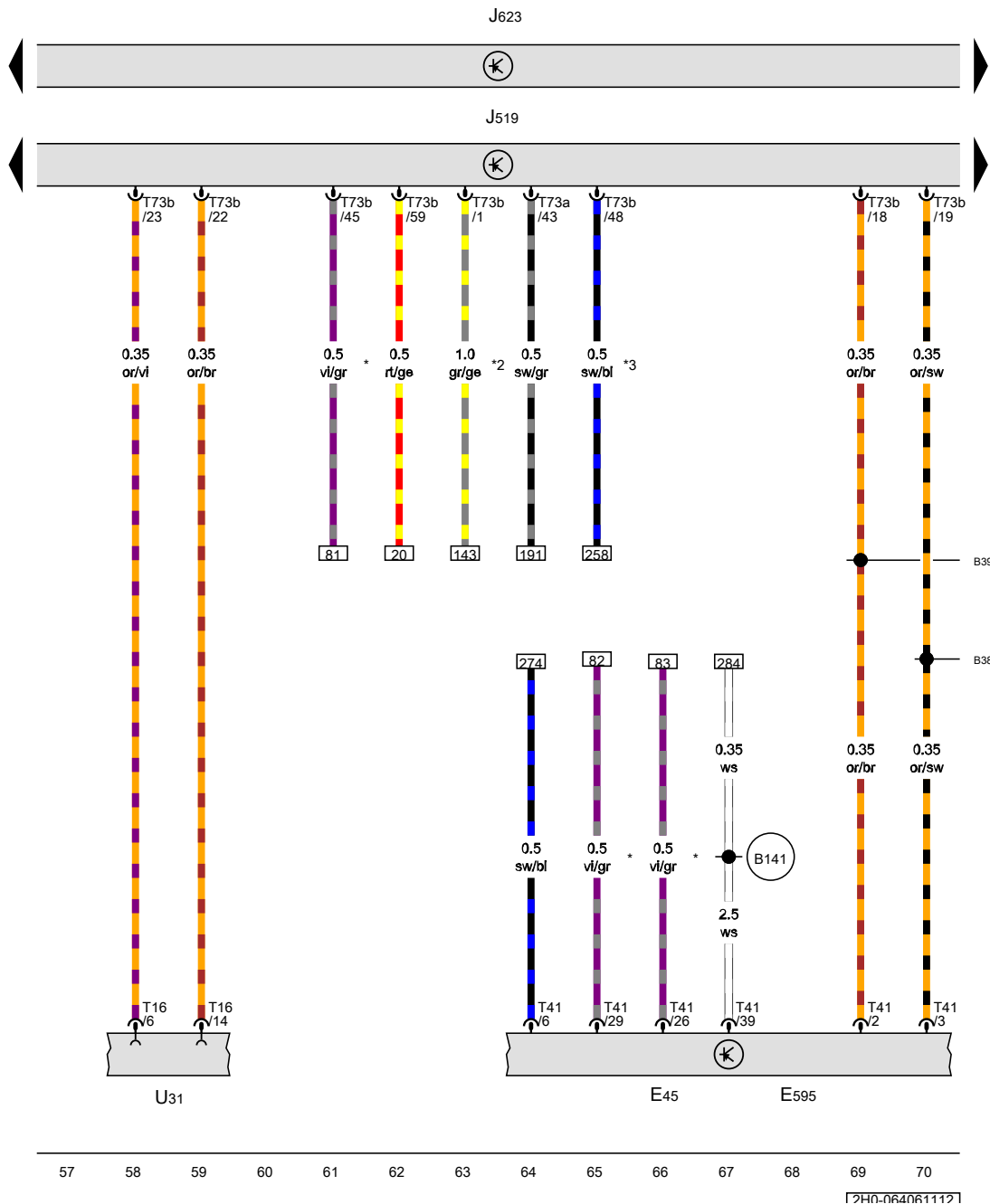
- 368 Earth connection 3, in main wiring harness
- B259 Connection (start/stop signal), in interior wiring harness
- B729 Connection 1 (50), in main wiring harness
- V28 Connection 1, in radio wiring harness
- * see applicable current flow diagram

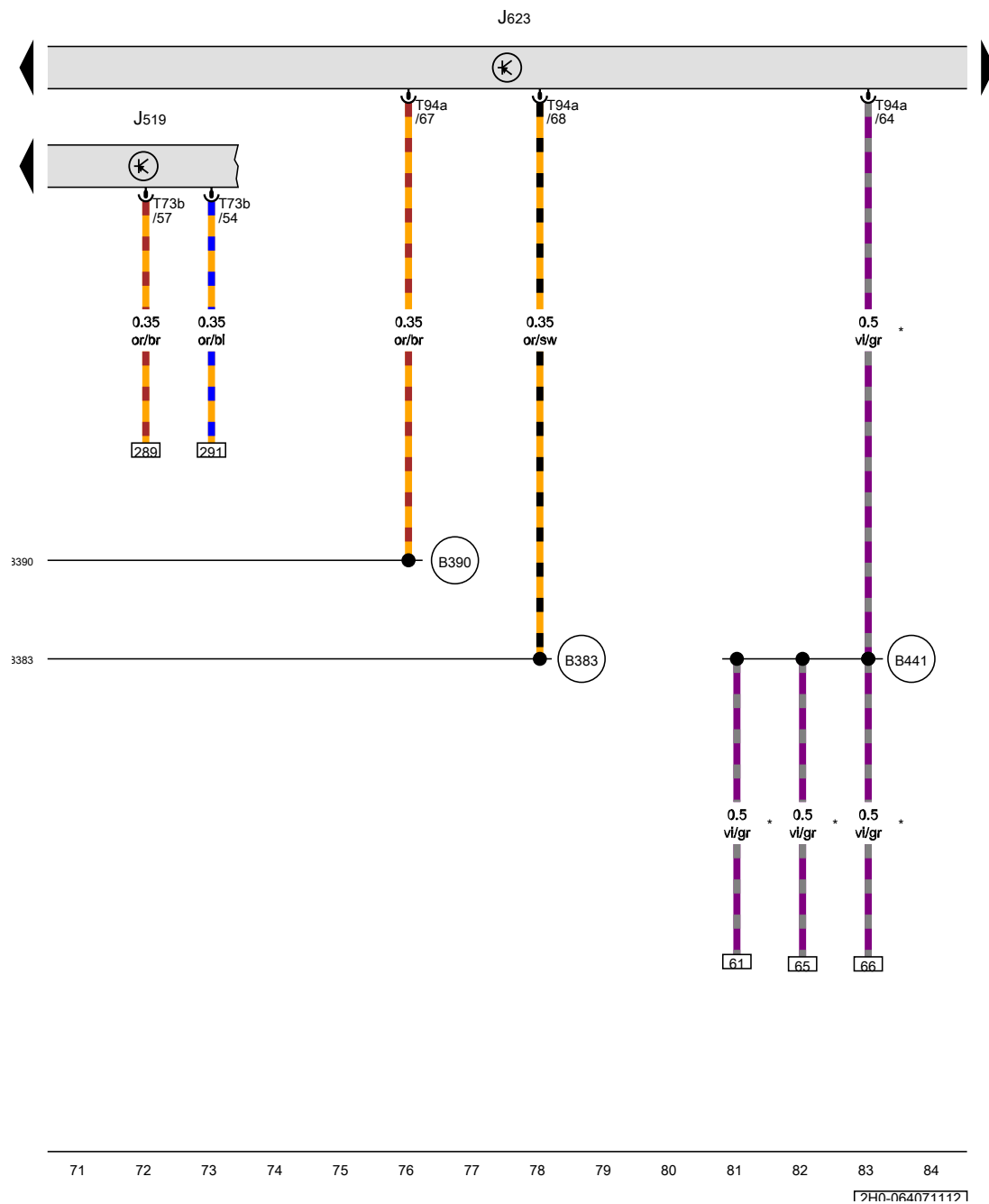
Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit

- E45 Cruise control system switch
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector
- U31 Diagnostic connection

-  B141 Positive connection 1 (56a), 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
- * Only models with cruise control system (CCS)
- *2 Only models with no headlight range control, see respective Current Flow Diagram headlight
- *3 Only models with manual gearbox

ws = white
sw = black
ro = red
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Onboard supply control unit, Engine control unit

J519 Onboard supply control unit

J623 Engine control unit

T73b 73-pin connector

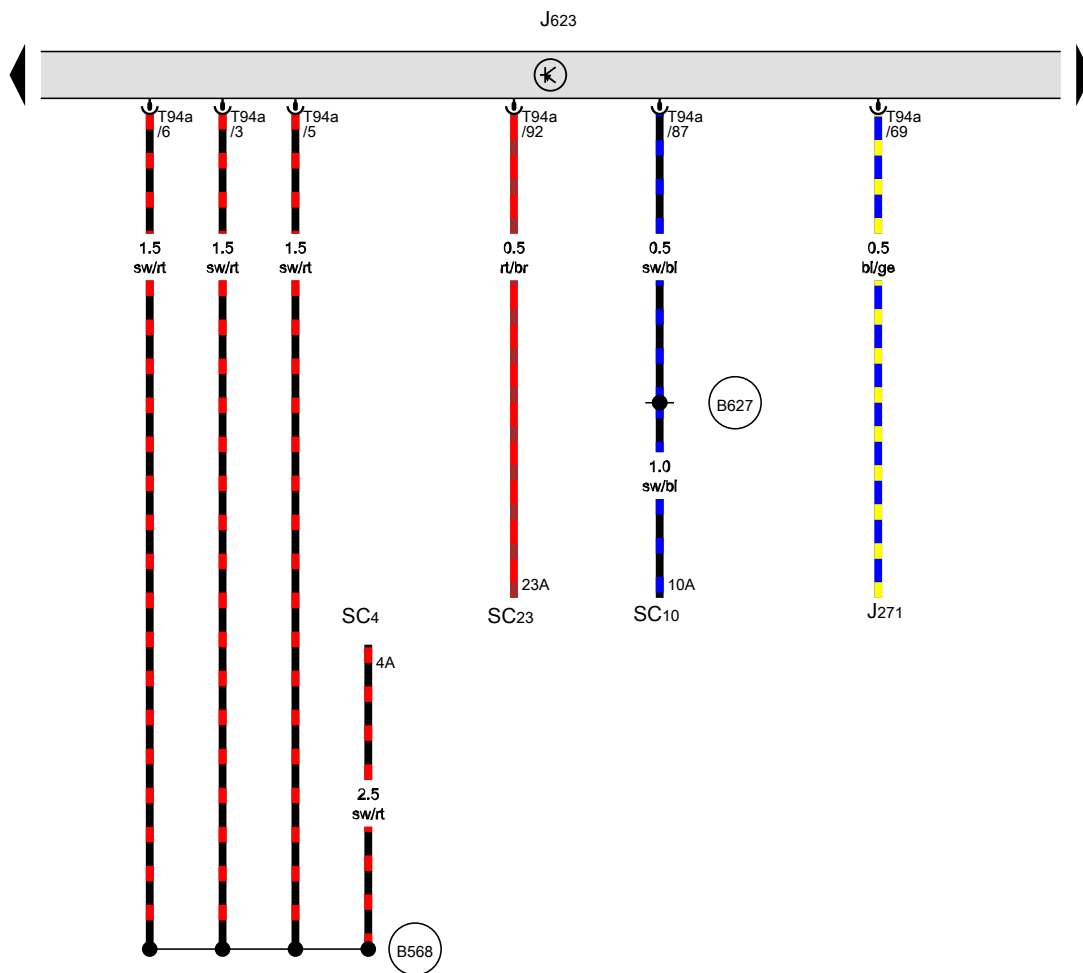
T94a 94-pin connector, black

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

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

B441 Connection (CCS), in main wiring harness

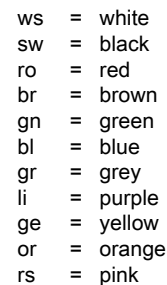
* Only models with cruise control system (CCS)



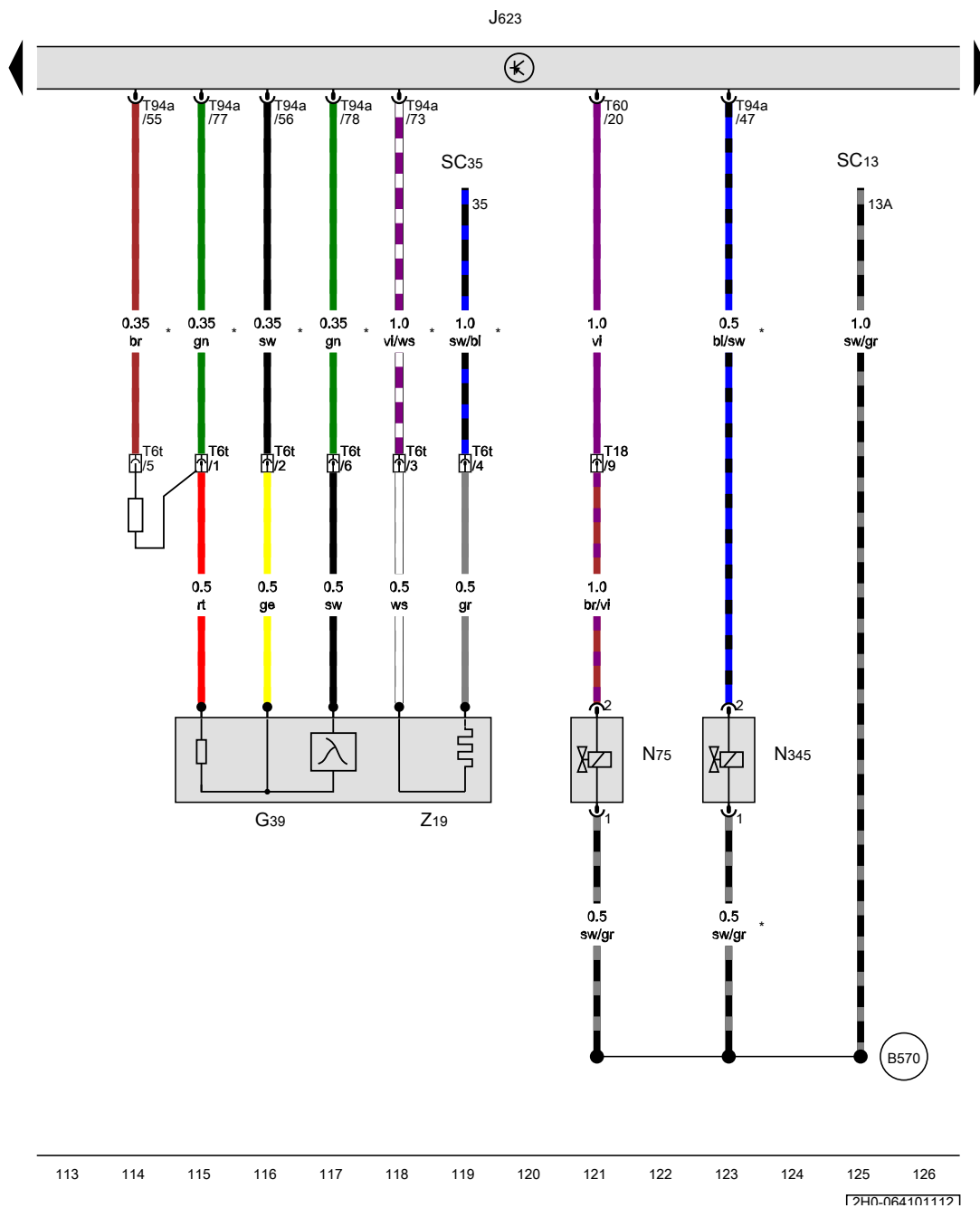
Main relay, Engine control unit, Fuse 4 on fuse holder C, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

- J271 Main relay, on relay carrier
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T94a 94-pin connector, black
- B568 Connection 35, in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

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



366 Earth connection 1, in main wiring harness



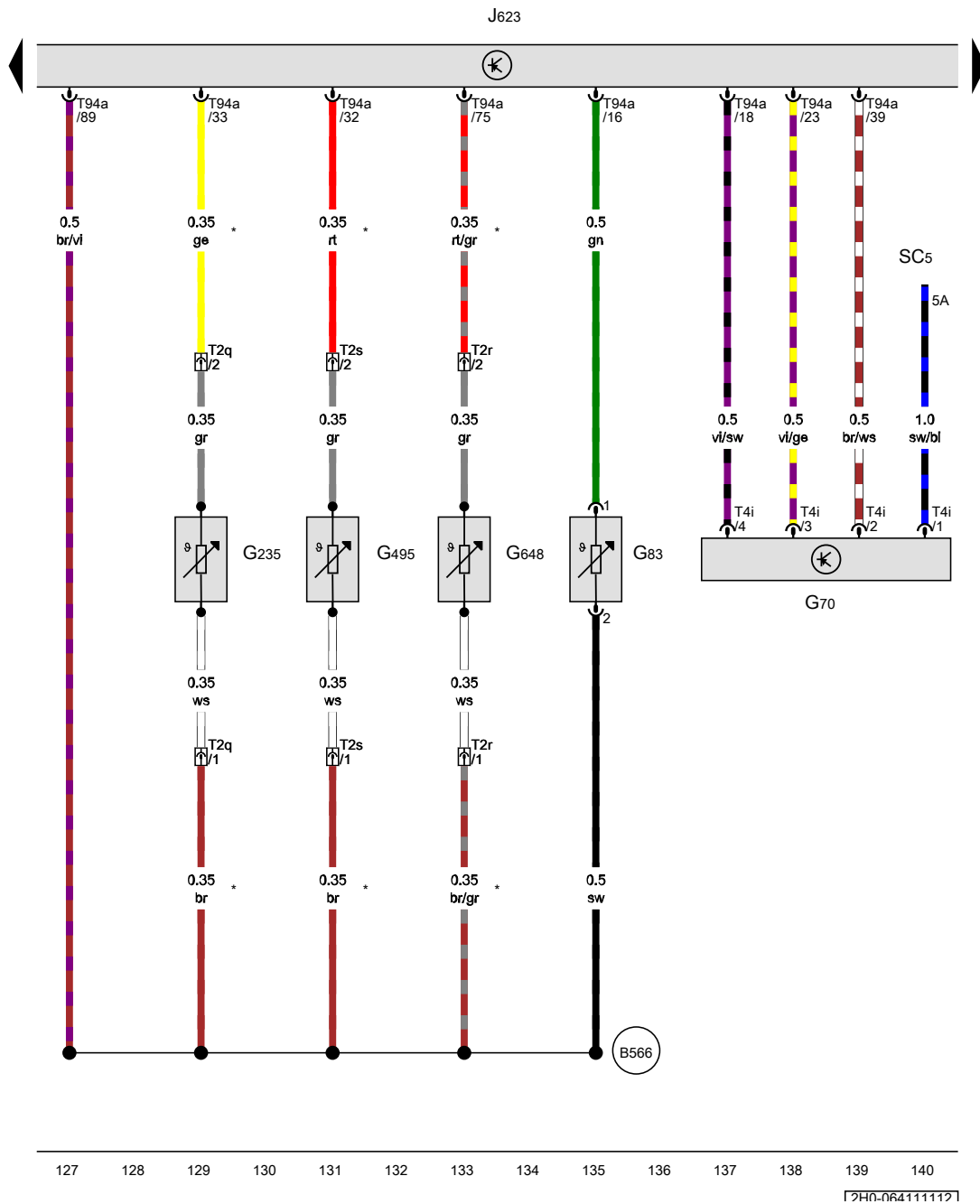
Lambda probe, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 35 on fuse holder C

- G39 Lambda probe
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC13 Fuse 13 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater

B570 Connection 37, in main wiring harness

* Only models with Euro 5 emission standard

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

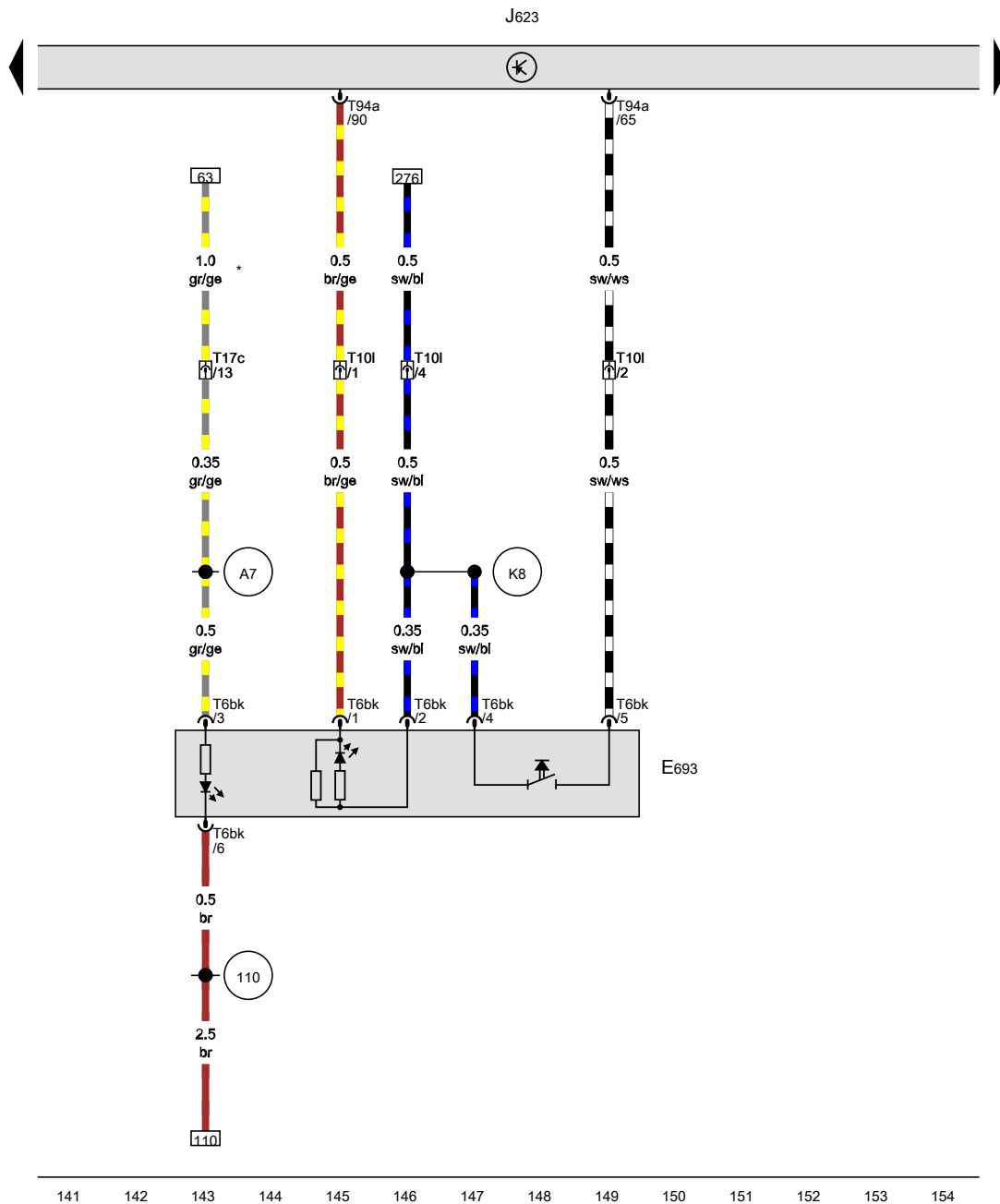


Air mass meter, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Fuse 5 on fuse holder C

- G70 Air mass meter
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder C
- T2q 2-pin connector, black
- T2r 2-pin connector, orange
- T2s 2-pin connector, brown
- T4i 4-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

* Only models with Euro 5 emission standard



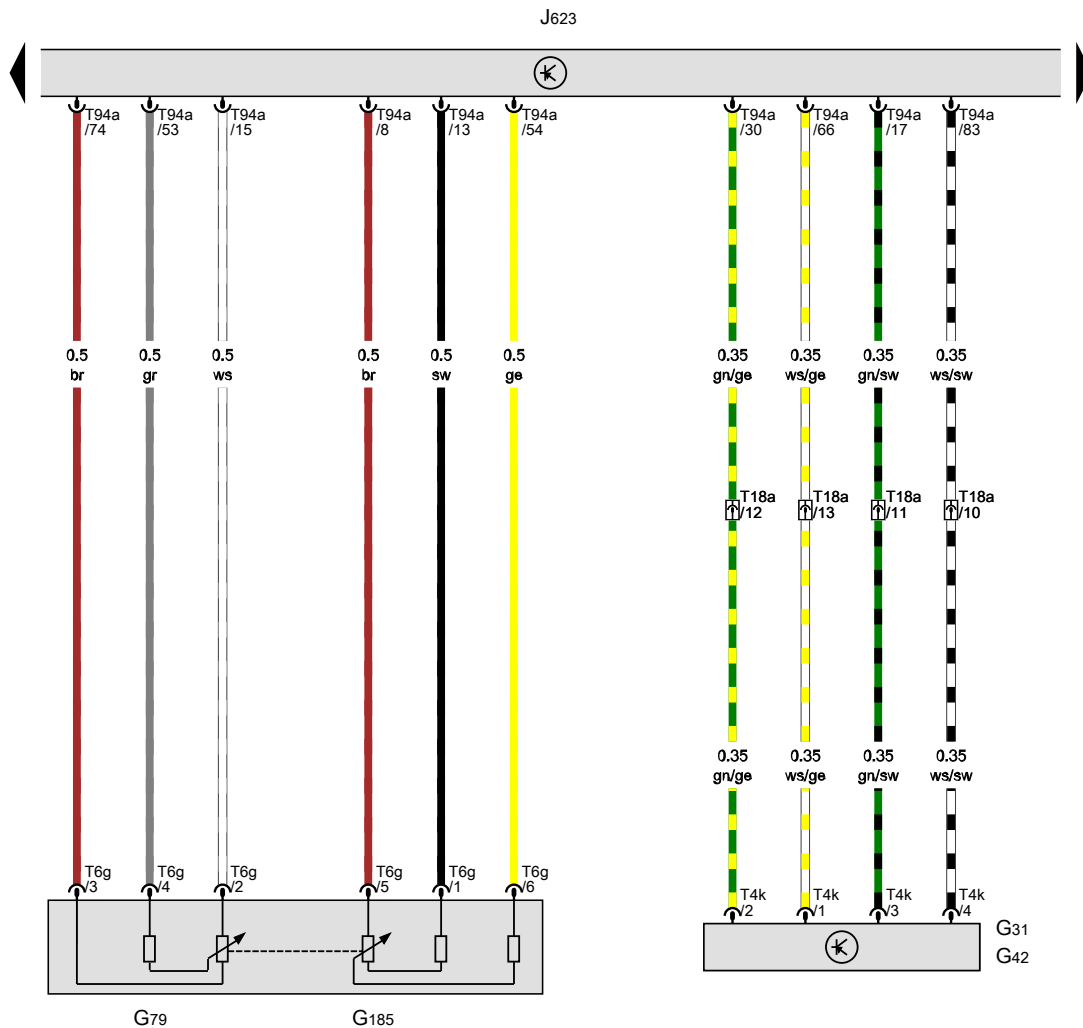
Start/Stop operation button, Engine control unit

- E693 Start/Stop operation button
- J623 Engine control unit
- T6bk 6-pin connector, green
- T10l 10-pin connector, on relay carrier, blue
- T17c 17-pin connector, on relay carrier, black
- T94a 94-pin connector, black

- 110 Earth connection 2, in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- K8 Connection 1, in centre console wiring harness

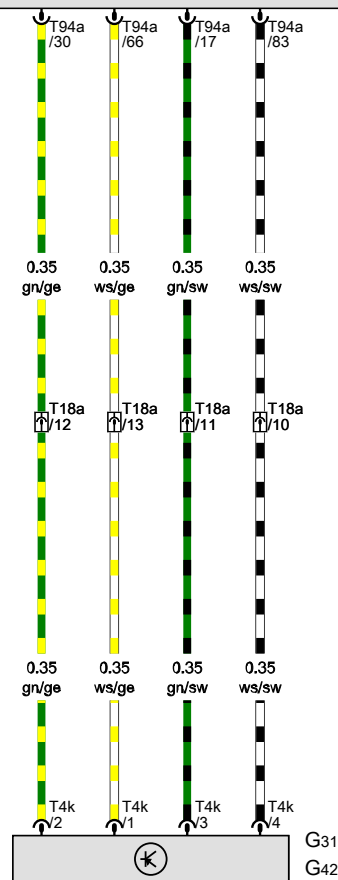
* Only models with no headlight range control, see respective Current Flow Diagram headlight

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



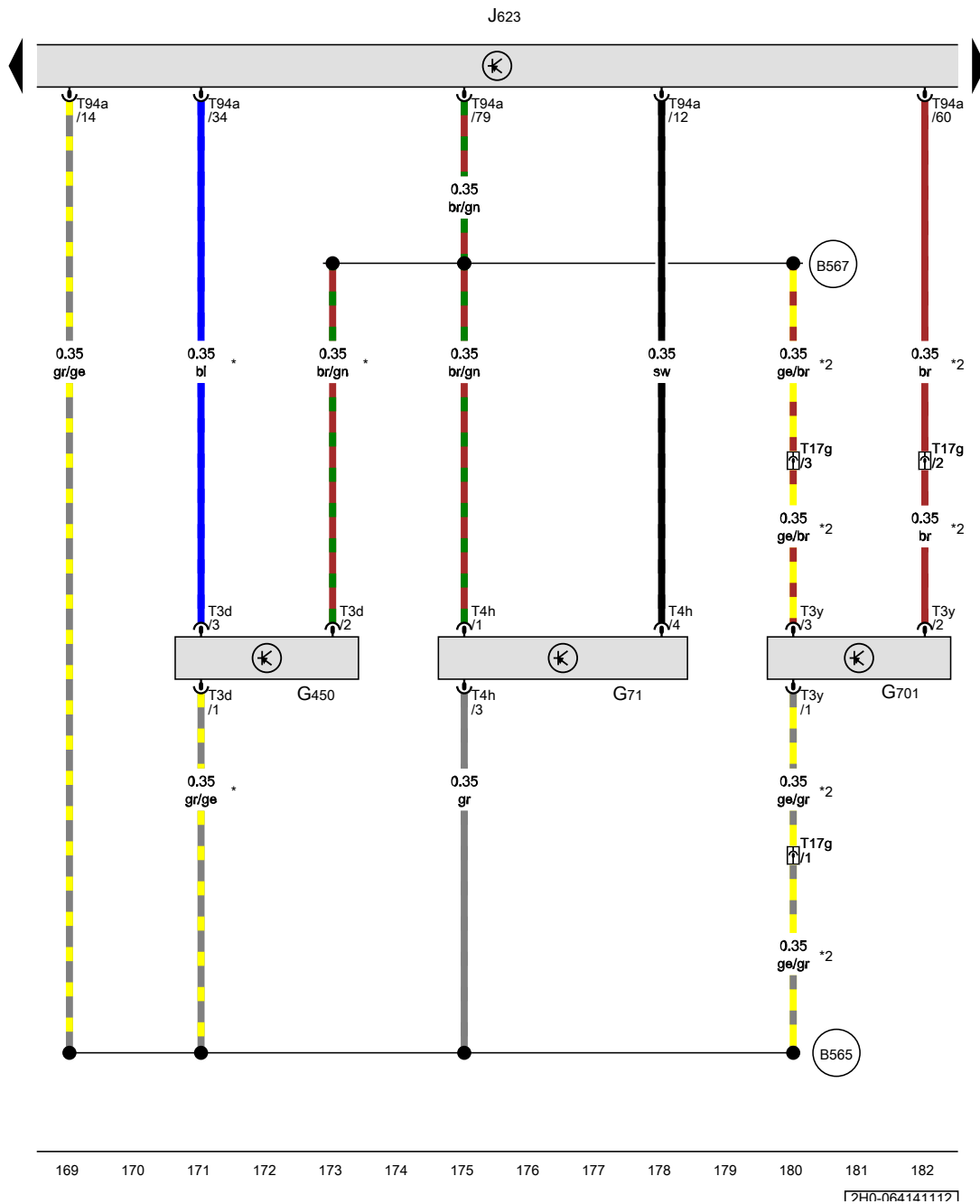
Charge pressure sender, Intake air temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4k 4-pin connector, black
- T6g 6-pin connector, black
- T18a 18-pin connector, near engine control unit, grey
- T94a 94-pin connector, black



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- gn = green
- bl = blue
- gr = grey
- li = purple
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- rs = pink

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit



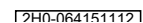
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3d 3-pin connector, black
- T3y 3-pin connector
- T4h 4-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

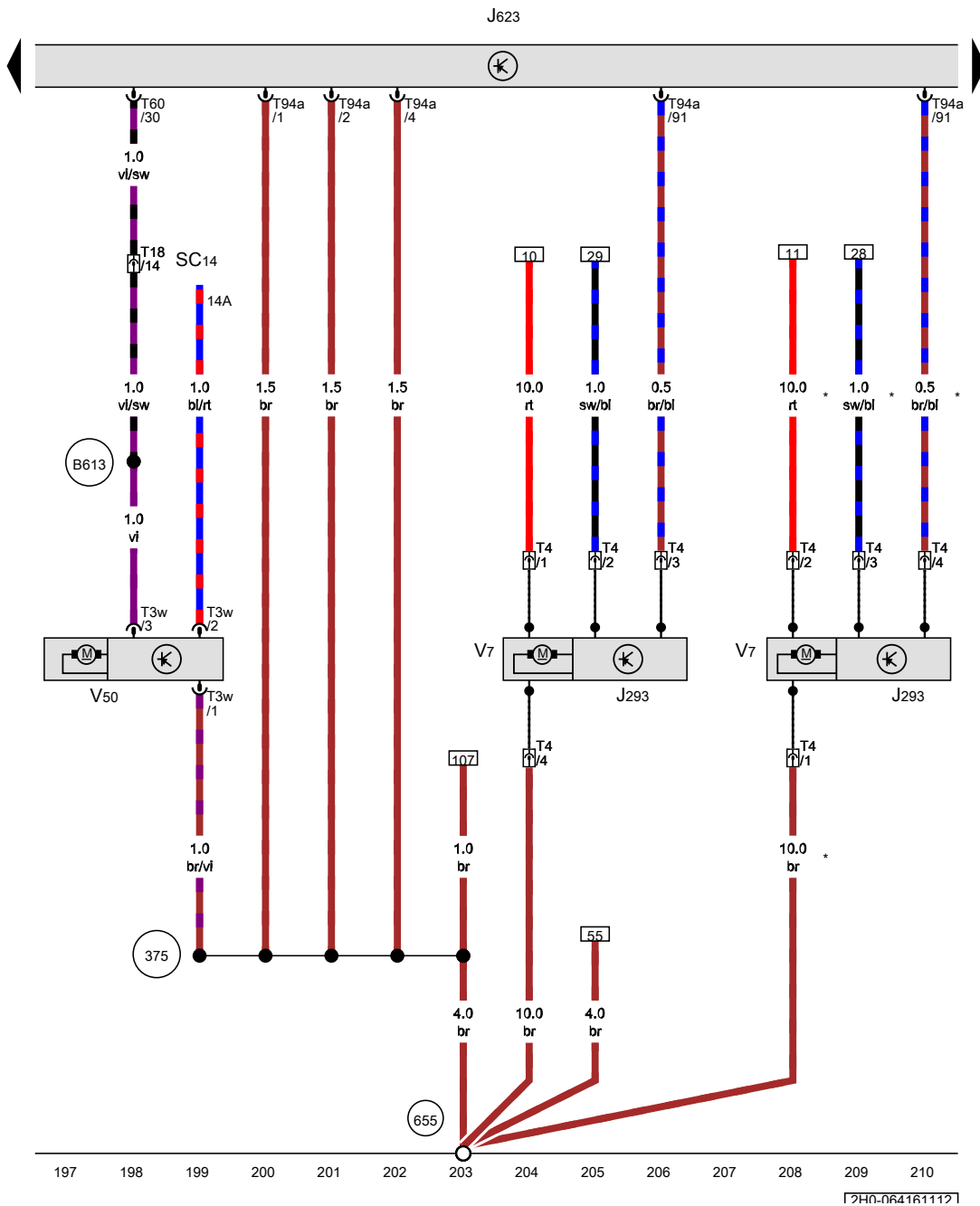
B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with Euro 5 emission standard

*2 Only models with manual gearbox





Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector, black
- T4 4-pin connector, on radiator cowling, black
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

375 Earth connection 10, in main wiring harness

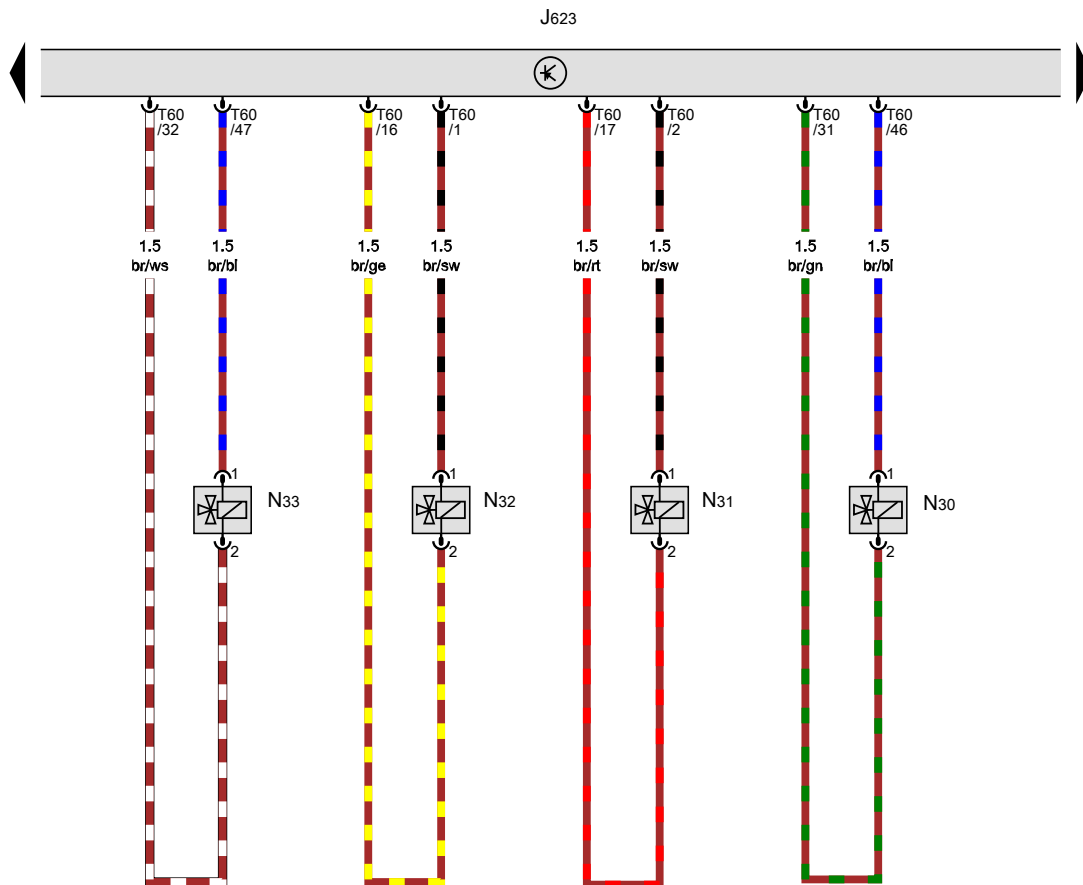
655 Earth point, on left headlight

B613 Connection 41, in main wiring harness

* Hot country version

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

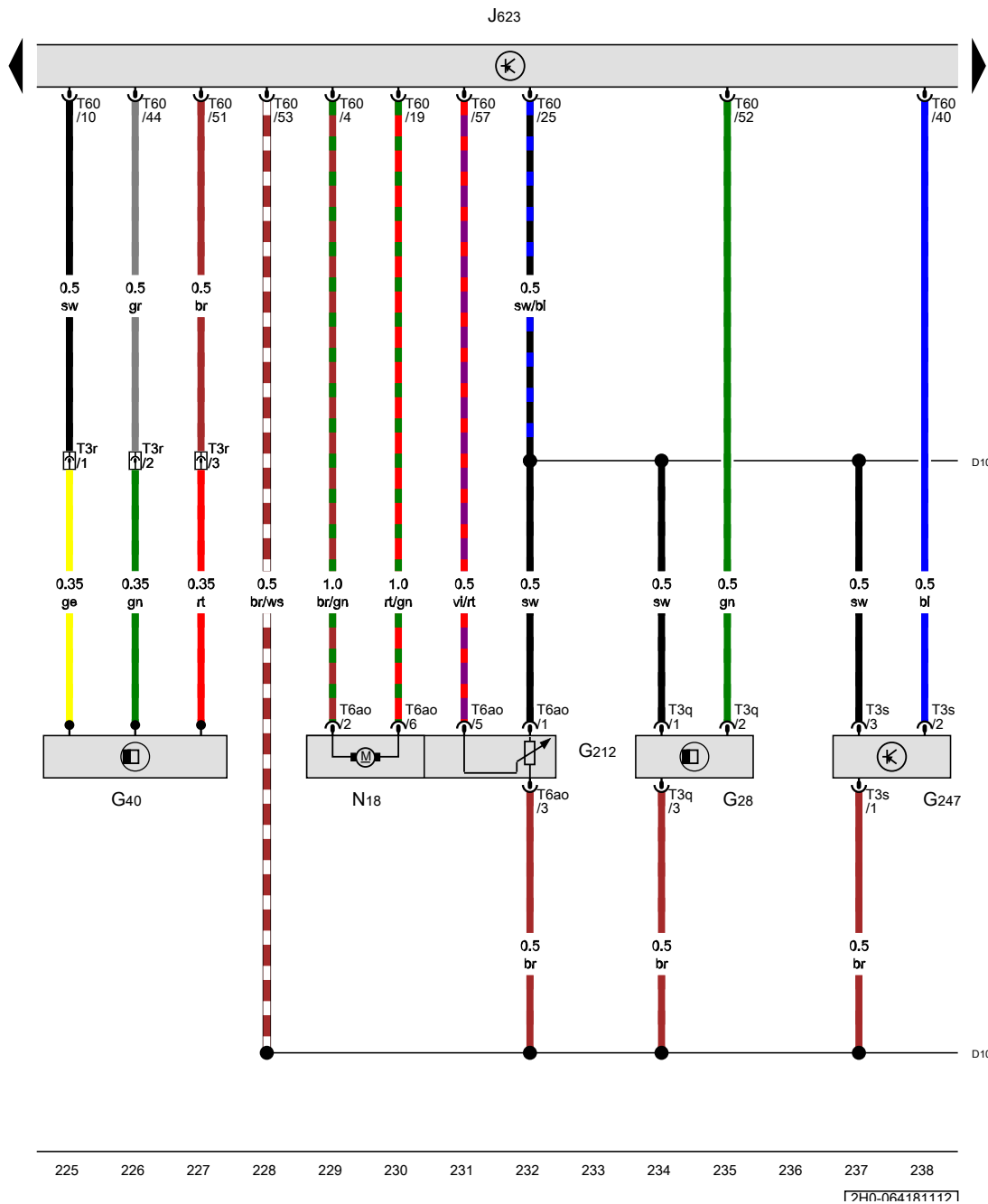
J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T60 60-pin connector, black



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

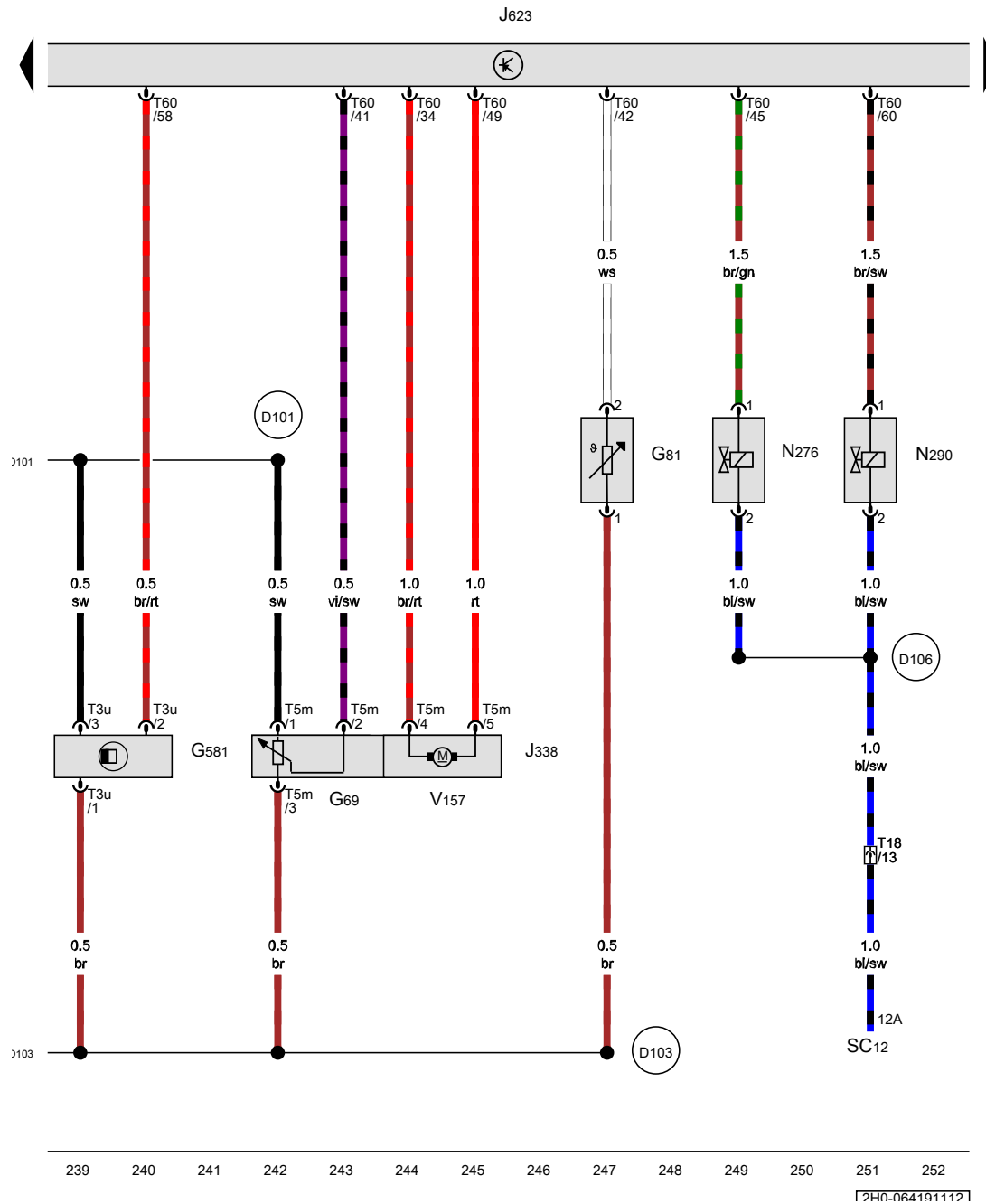
211 212 213 214 215 216 217 218 219 220 221 222 223 224

[240-064171117]



Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector, black
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector, black
- T6ao 6-pin connector, grey
- T60 60-pin connector, black
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness



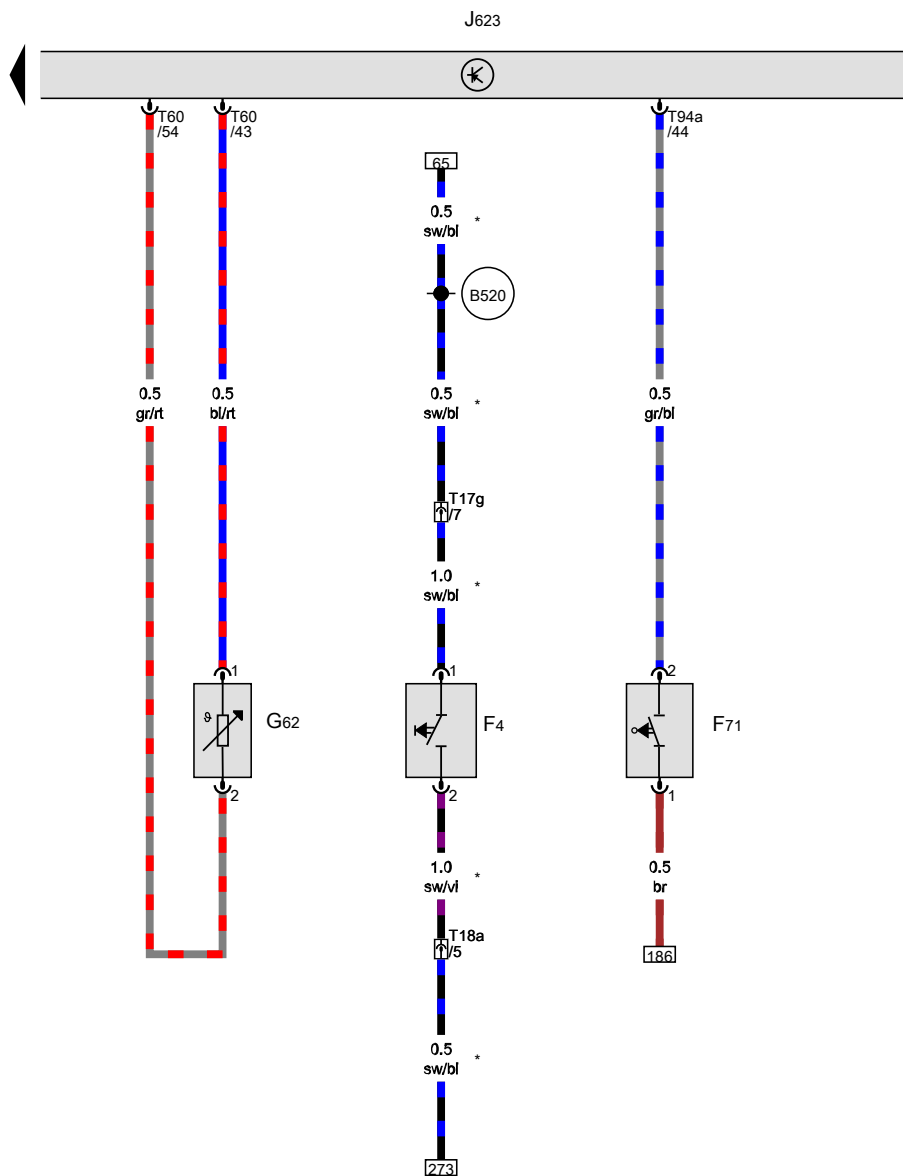
Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module, black
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC12 Fuse 12 on fuse holder C
- T3u 3-pin connector, black
- T5m 5-pin connector, black
- T18 18-pin connector, near engine control unit, grey
- T60 60-pin connector, black
- V157 Intake manifold flap motor

- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness

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Clutch pedal switch for stop/start system, Coolant temperature sender, Engine control unit



- F4 Reversing light switch, on gearbox
- F71 Clutch pedal switch for stop/start system
- G62 Coolant temperature sender
- J623 Engine control unit
- T17g 17-pin connector, near handbrake lever, black
- T18a 18-pin connector, grey
- T60 60-pin connector, black
- T94a 94-pin connector, black

B520 Connection (RL), in main wiring harness

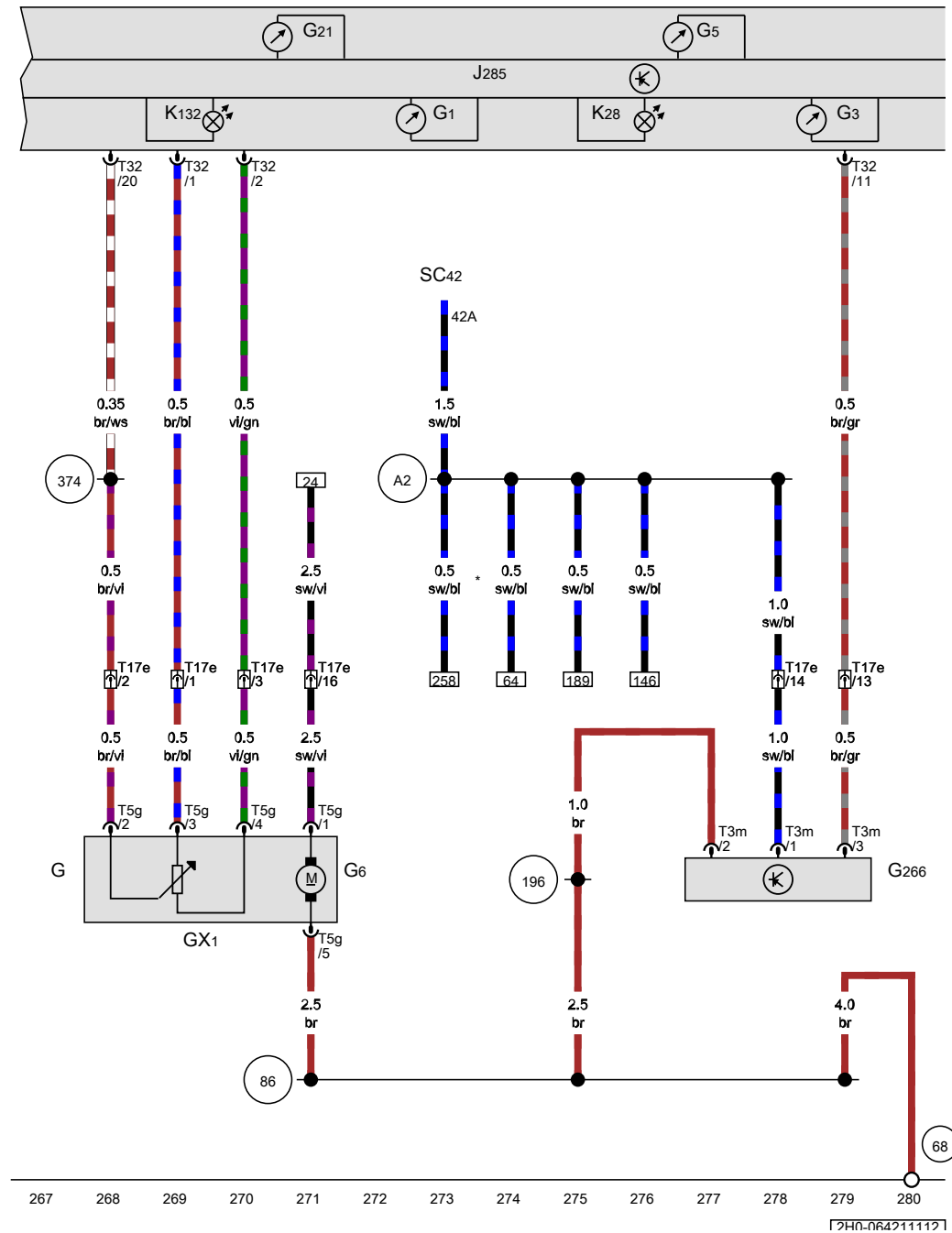
* Only models with manual gearbox

ws = white
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 ge = yellow
 or = orange
 rs = pink

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

[74H0-064201112]

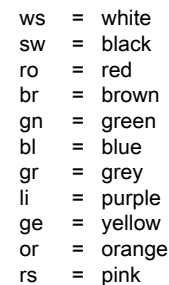
Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C



- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- K132 Electronic power control fault lamp
- SC42 Fuse 42 on fuse holder C
- T3m 3-pin connector, black
- T5g 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- * Only models with manual gearbox

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

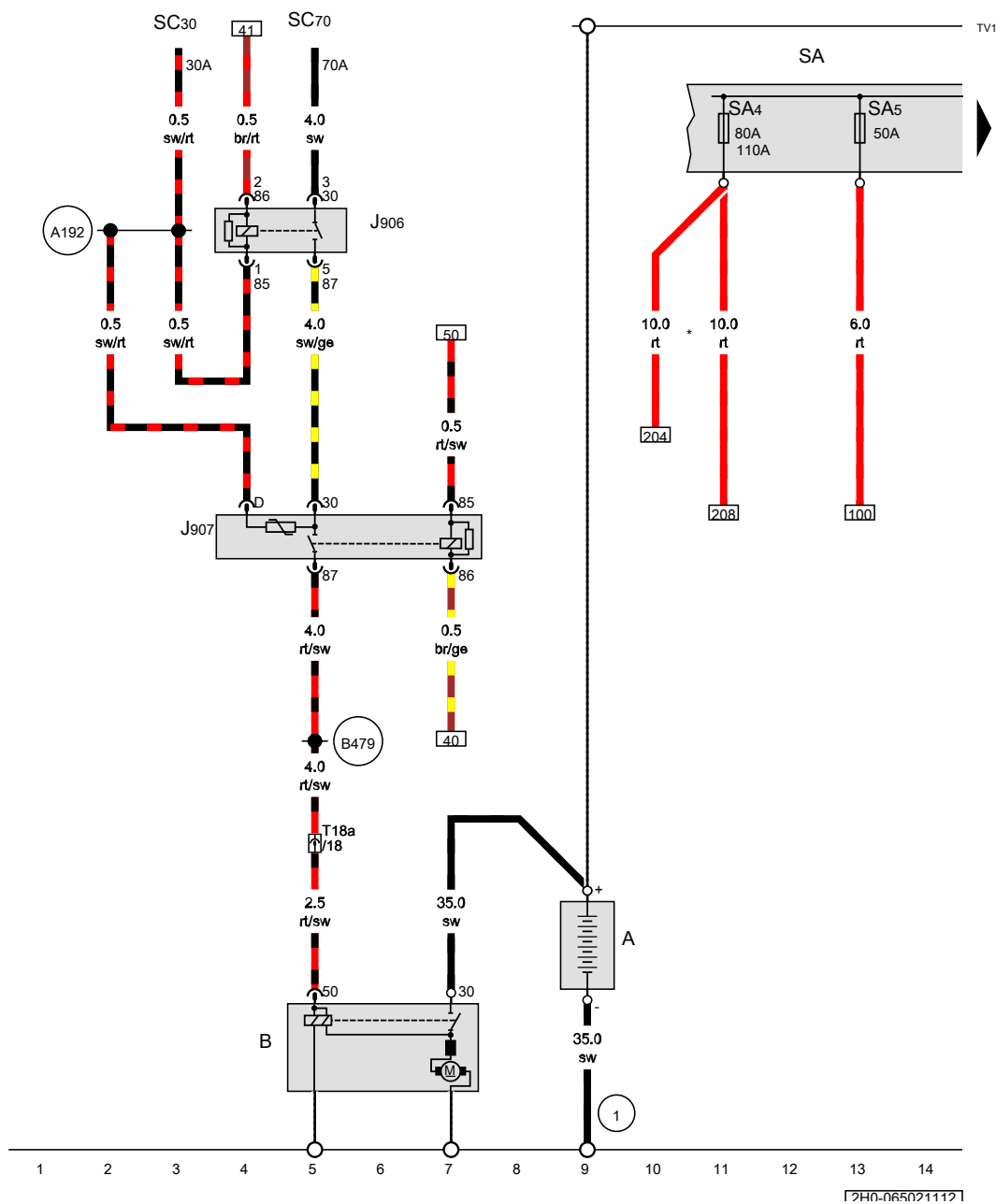


D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T2at	2-pin connector, orange
T18	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

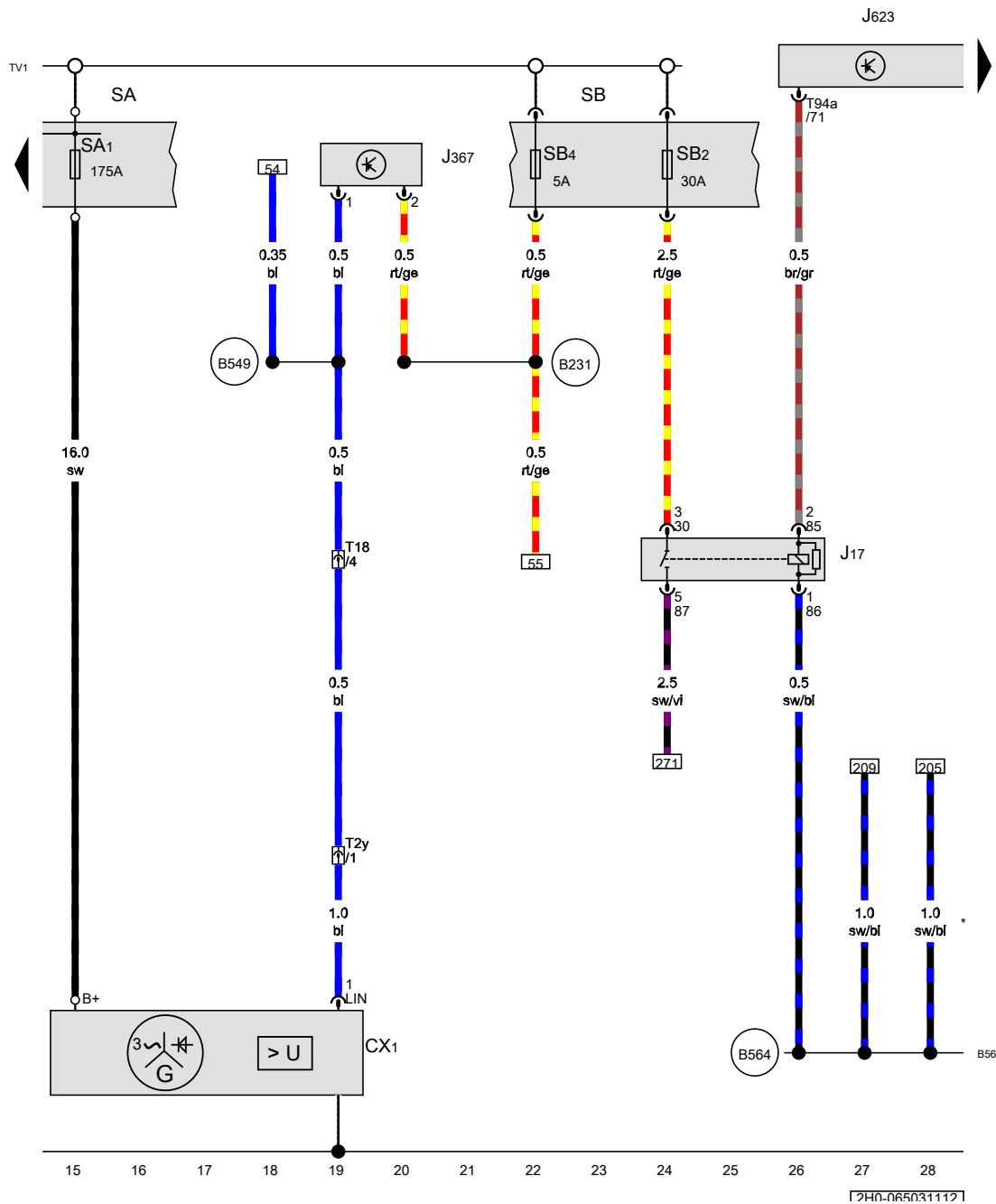
2.0l diesel engine , CNEA,CSHA,CNFA,CNFB,(7L6)

From June 2012

Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A



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



Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse holder B

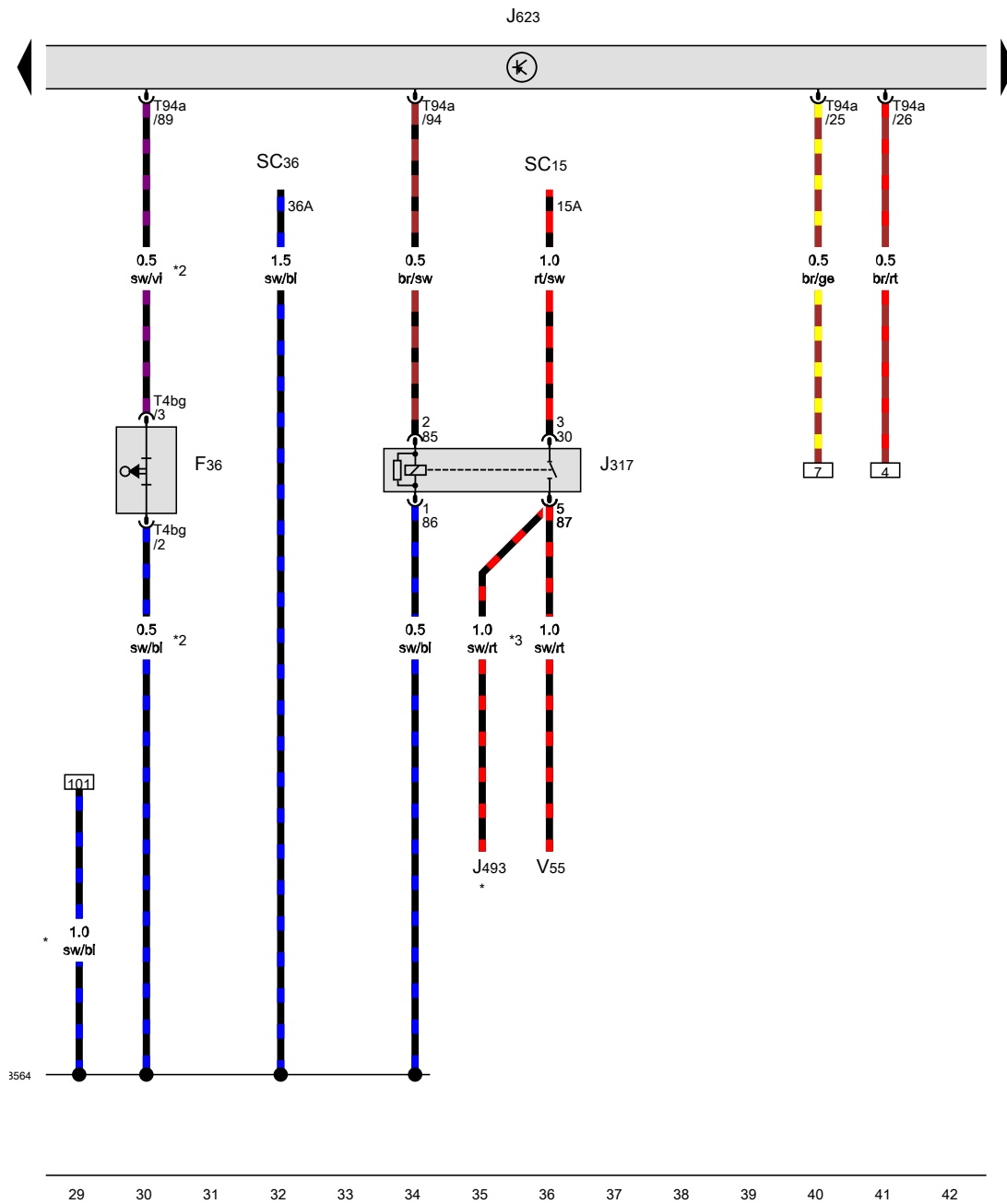
- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J367 Battery monitor control unit
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- T2y 2-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B231 Positive connection 5 (30a), in interior wiring harness

B549 Connection 2 (LIN bus) in main wiring harness

B564 Connection 31, in main wiring harness

* Hot country version



Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C

- F36 Clutch pedal switch
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4bg 4-pin connector
- T94a 94-pin connector, black
- V55 Circulation pump

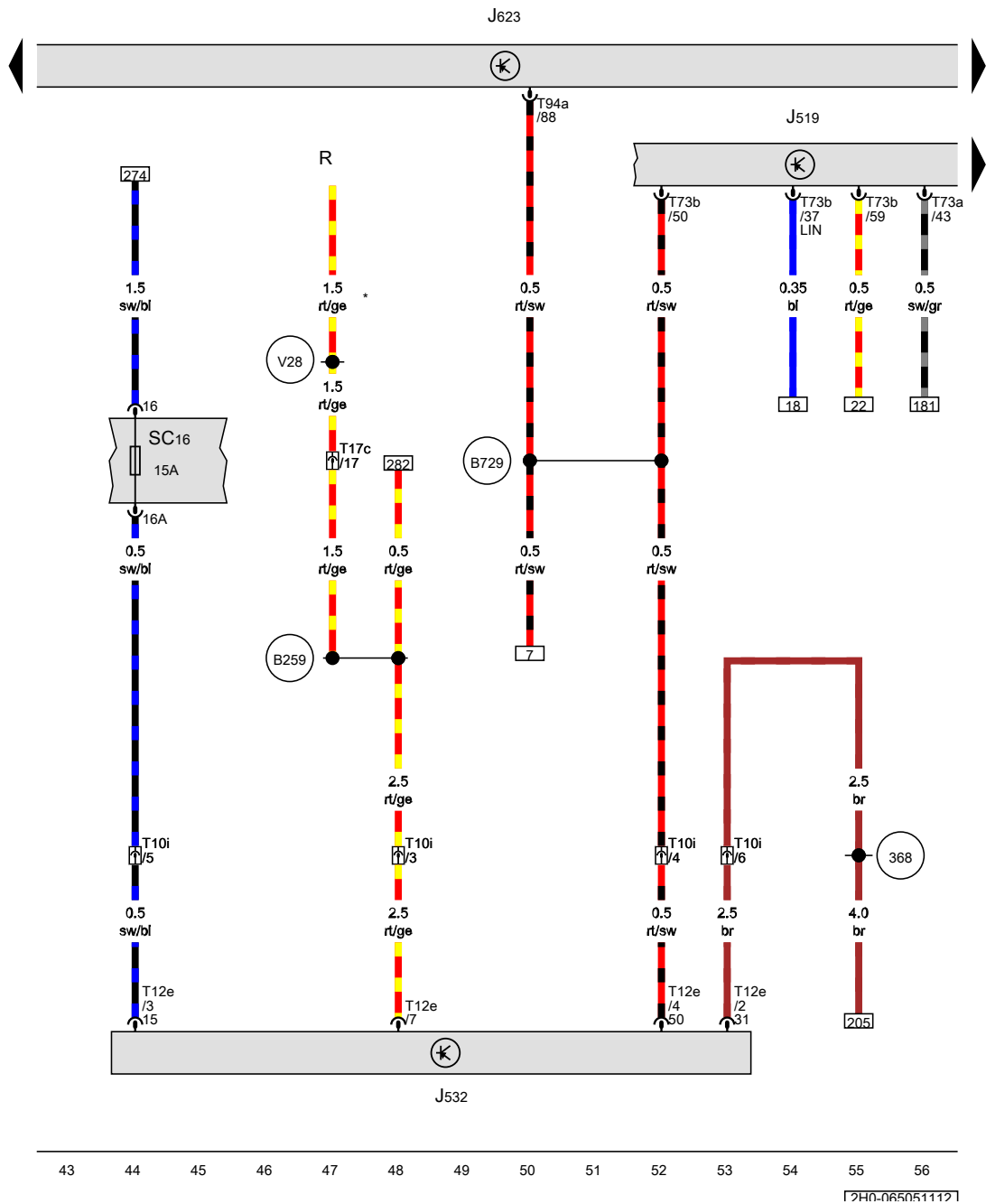
B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for air conditioning
- *2 Only models with manual gearbox
- *3 Only models with Climatronic

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

1740-0650411121

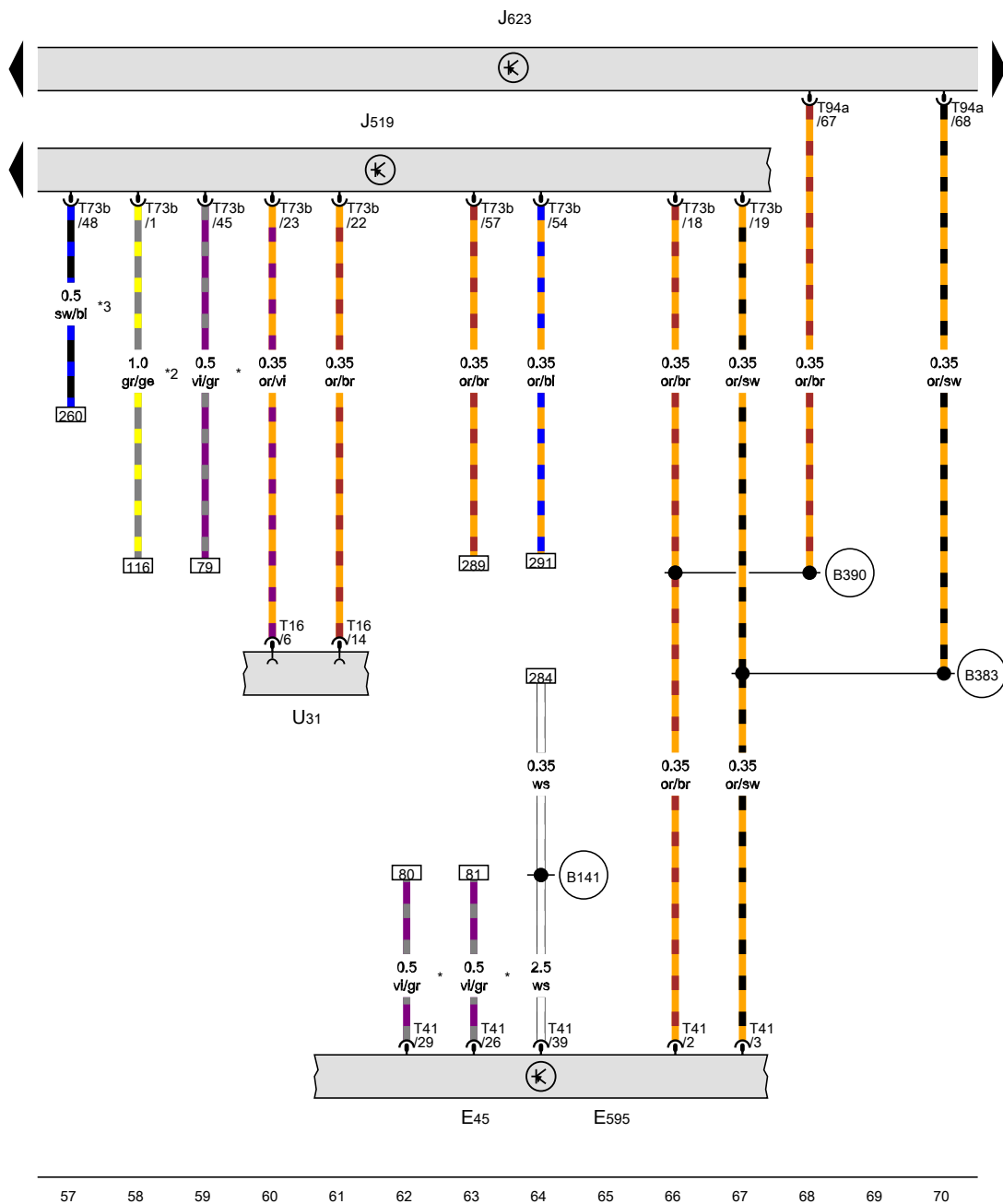
Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C



- J519 Onboard supply control unit
- J532 Voltage stabiliser, in front left wing
- J623 Engine control unit
- R Radio
- SC16 Fuse 16 on fuse holder C
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector, black
- T17c 17-pin connector, on left under dash panel, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black

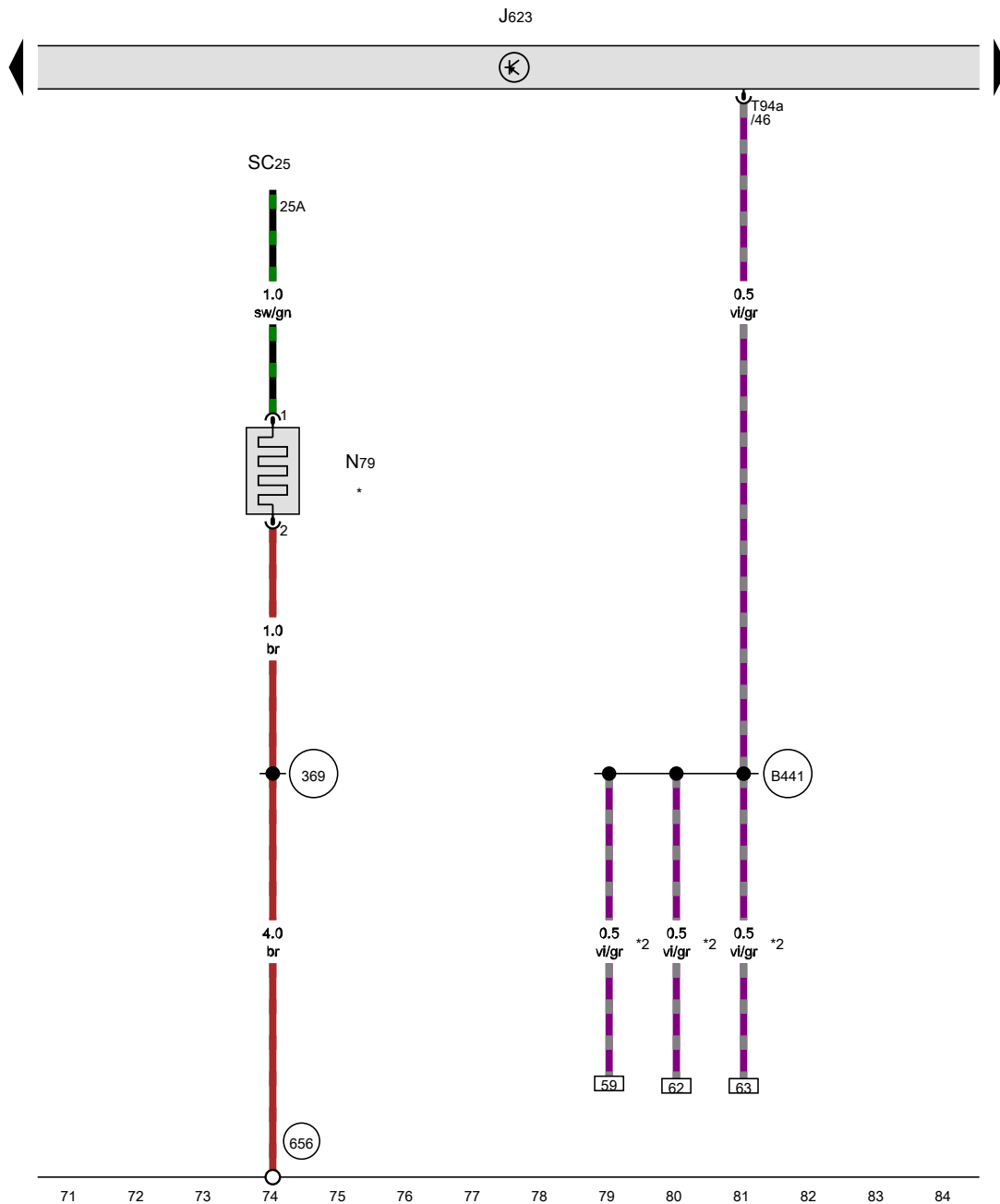
- 368 Earth connection 3, in main wiring harness
- B259 Connection (start/stop signal), in interior wiring harness
- B729 Connection 1 (50), in main wiring harness
- V28 Connection 1, in radio wiring harness
- * see applicable current flow diagram

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit



- E45 Cruise control system switch
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector, black
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black
- U31 Diagnostic connection
- B141 Positive connection 1 (56a), 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
- * Only models with cruise control system (CCS)
- *2 Only models with no headlight range control, see respective Current Flow Diagram headlight
- *3 Only models with manual gearbox

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



Engine control unit, Heater element for crankcase breather,
Fuse 25 on fuse holder C

J623 Engine control unit
N79 Heater element for crankcase breather
SC25 Fuse 25 on fuse holder C
T94a 94-pin connector, black

369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight

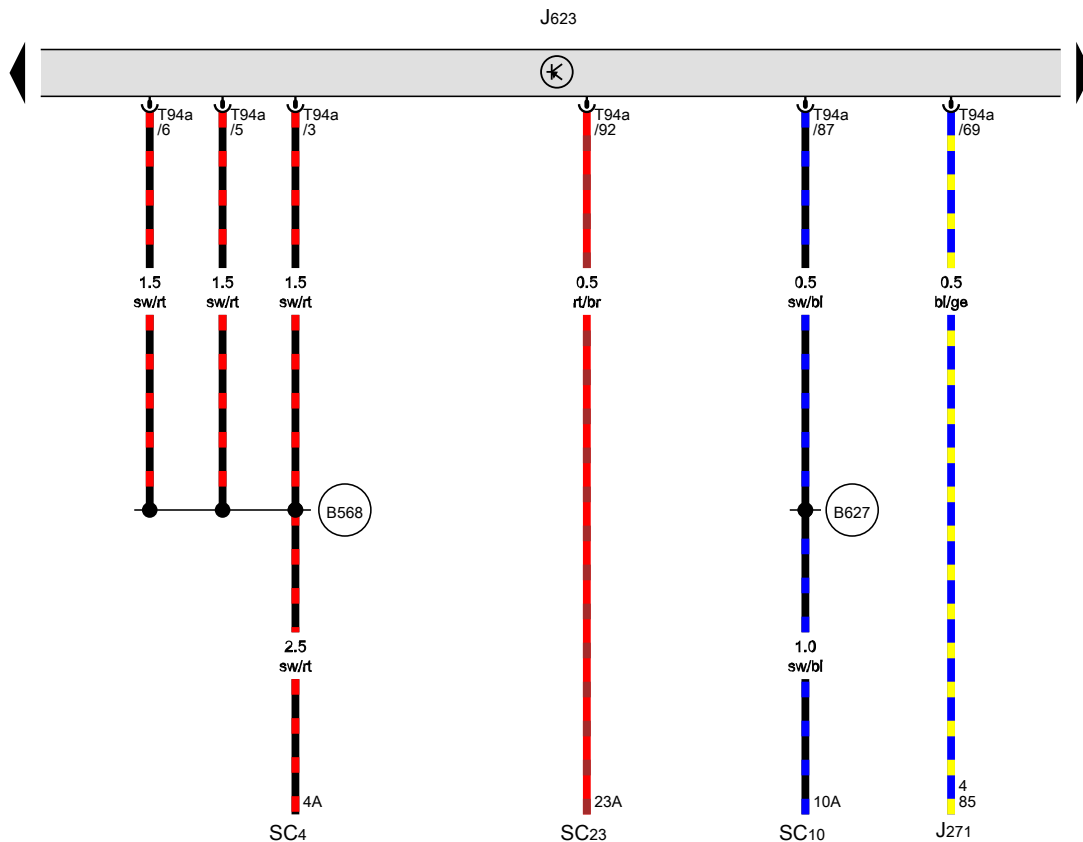
B441 Connection (CCS), in main wiring harness

* Only models with crankcase breather heater element

*2 Only models with cruise control system (CCS)

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

[240-065071112]



Main relay, Engine control unit, Fuse 4 on fuse holder C,
Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

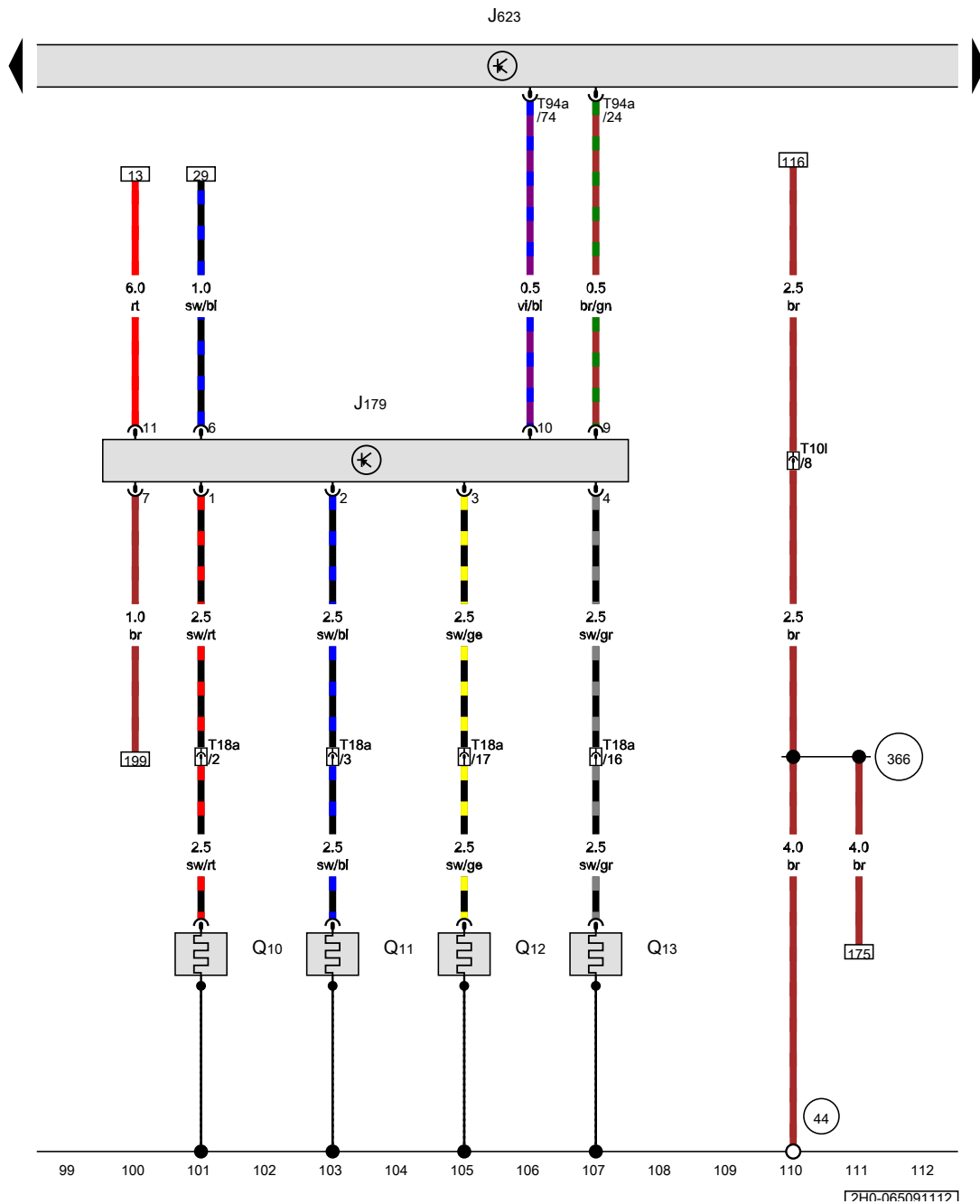
- J271 Main relay, on relay carrier
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T94a 94-pin connector, black
- B568 Connection 35, in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

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

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

[740-065081112]

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

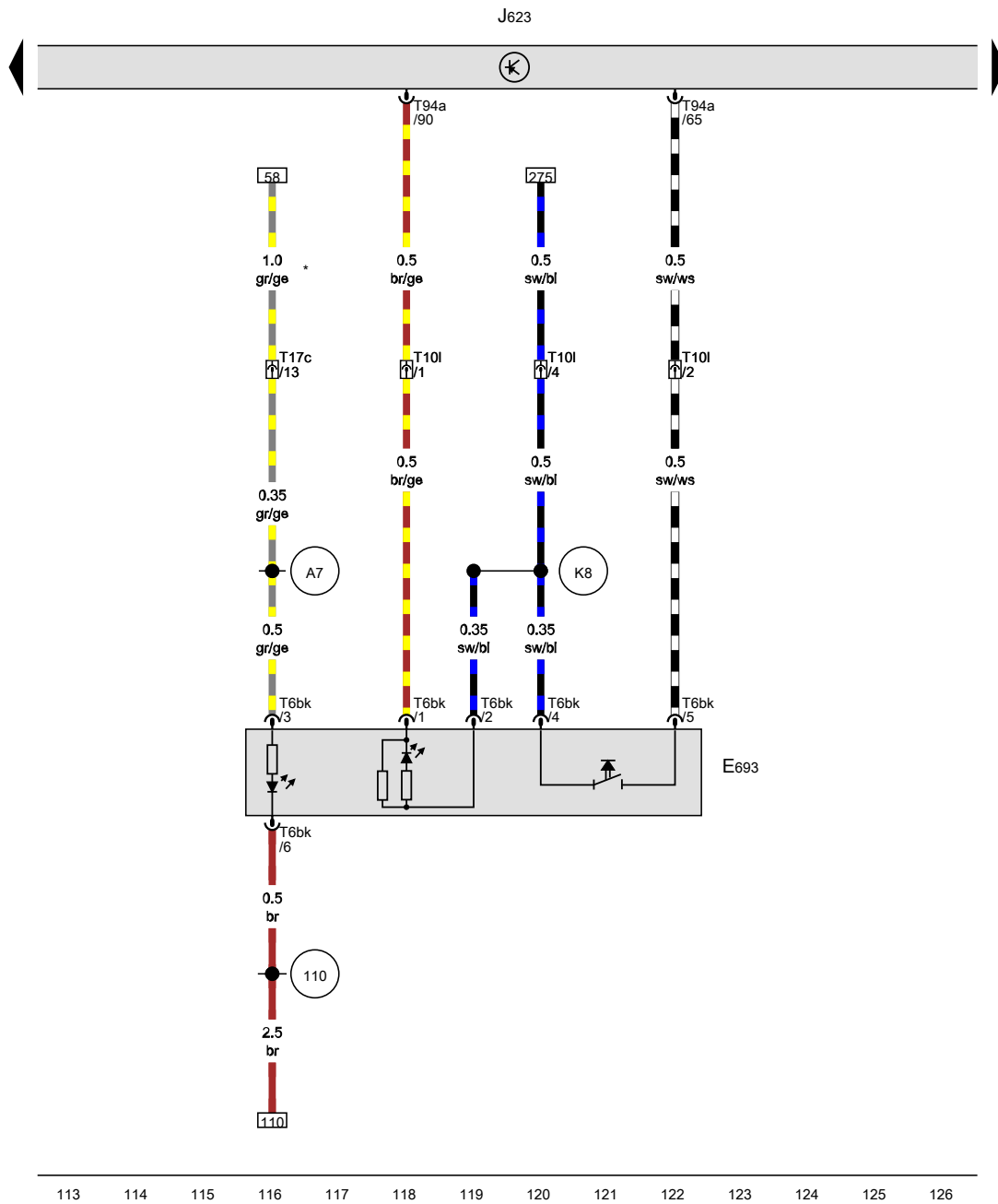


- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T10I 10-pin connector, on left under dash panel, blue
- T18a 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

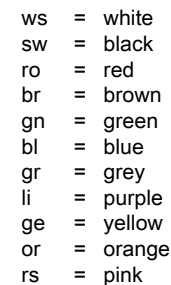
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness

Start/Stop operation button, Engine control unit

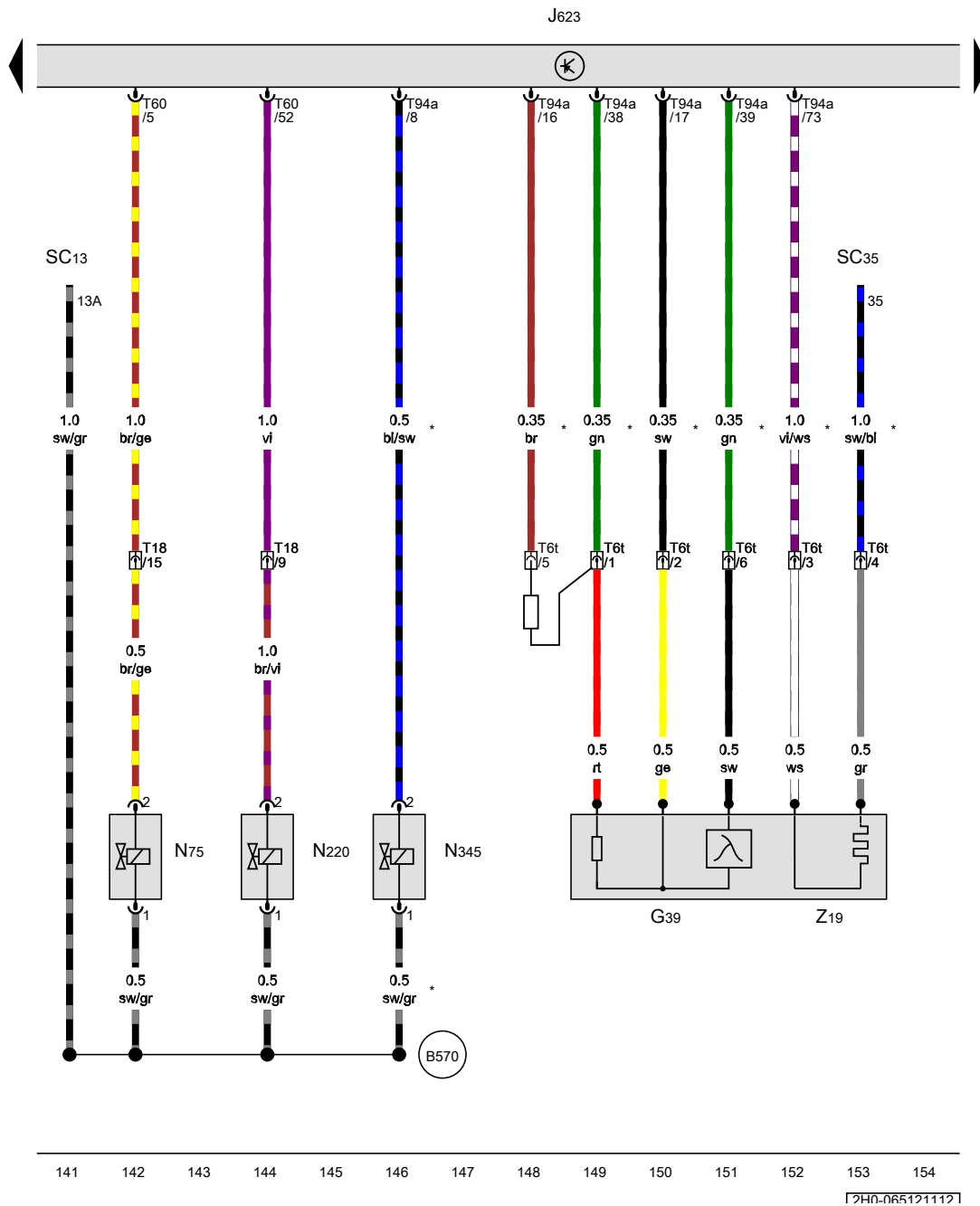
- E693 Start/Stop operation button
 J623 Engine control unit
 T6bk 6-pin connector
 T10l 10-pin connector, on left under dash panel, blue
 T17c 17-pin connector, on relay carrier, black
 T94a 94-pin connector, black
 110 Earth connection 2, in dash panel wiring harness
 A7 Positive connection (58 D1), in dash panel wiring harness
 K8 Connection 1, in centre console wiring harness
 * Only models with no headlight range control, see respective Current Flow Diagram headlight



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



* Only models with Euro 5 emission standard



Lambda probe, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 35 on fuse holder C

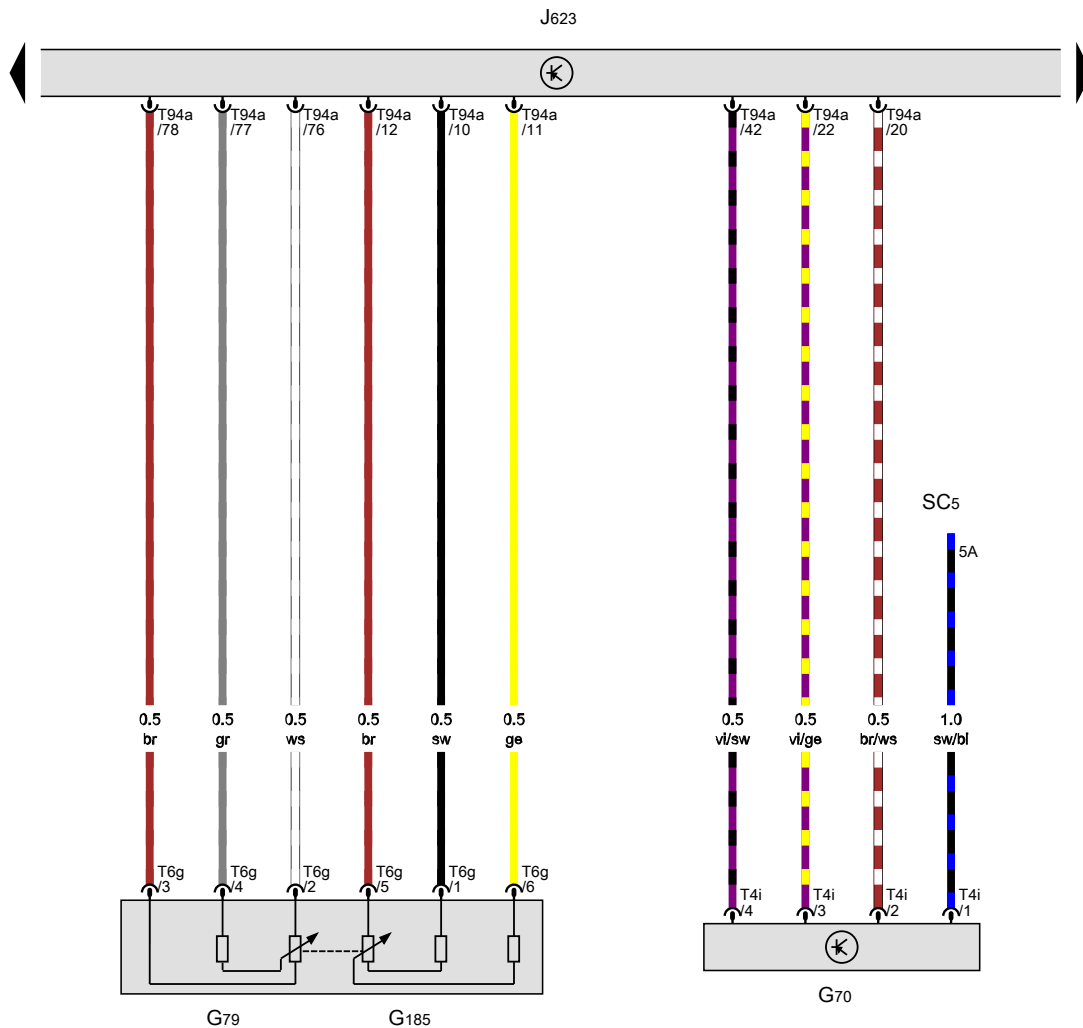
- G39 Lambda probe
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC13 Fuse 13 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater

(B570) Connection 37, in main wiring harness

* Only models with Euro 5 emission standard

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

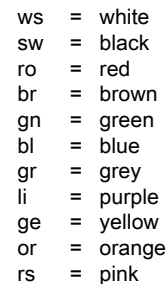
- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T6g 6-pin connector
- T94a 94-pin connector, black



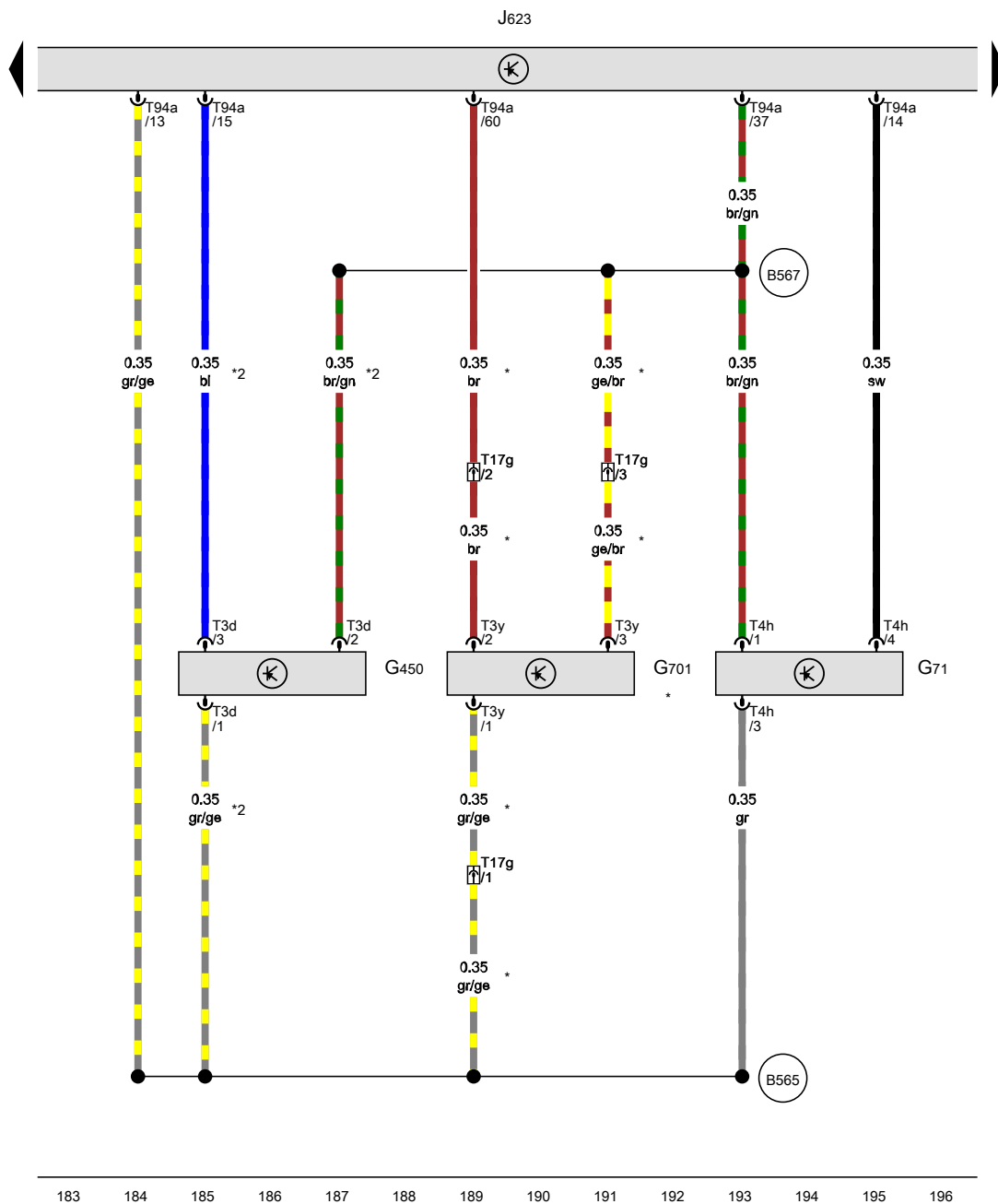
155 156 157 158 159 160 161 162 163 164 165 166 167 168

[240-065131112]

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



* Only models with manual gearbox



Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3d 3-pin connector, black
- T3y 3-pin connector, black
- T4h 4-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

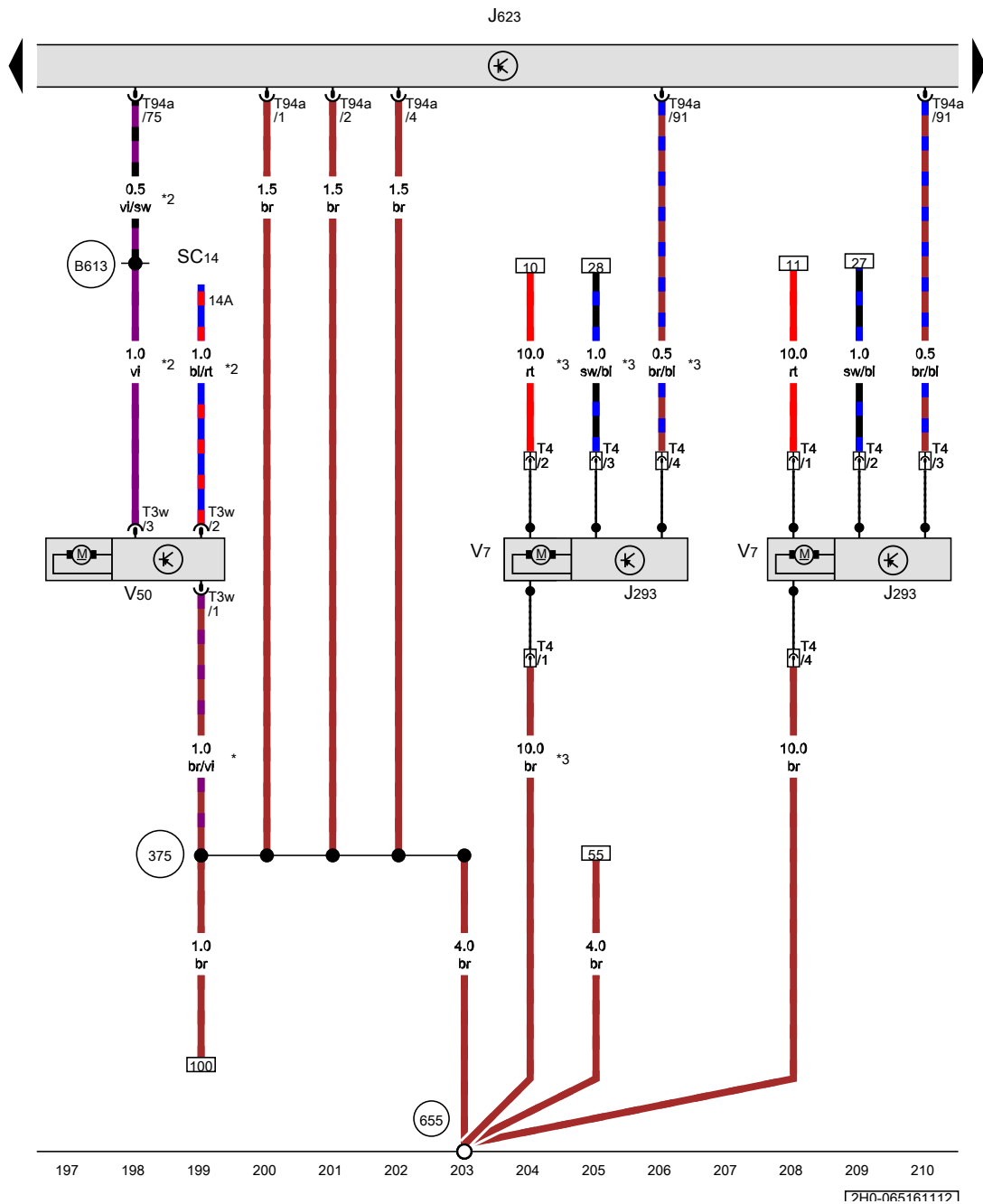
B567 Connection 34, in main wiring harness

* Only models with manual gearbox

*2 Only models with Euro 5 emission standard

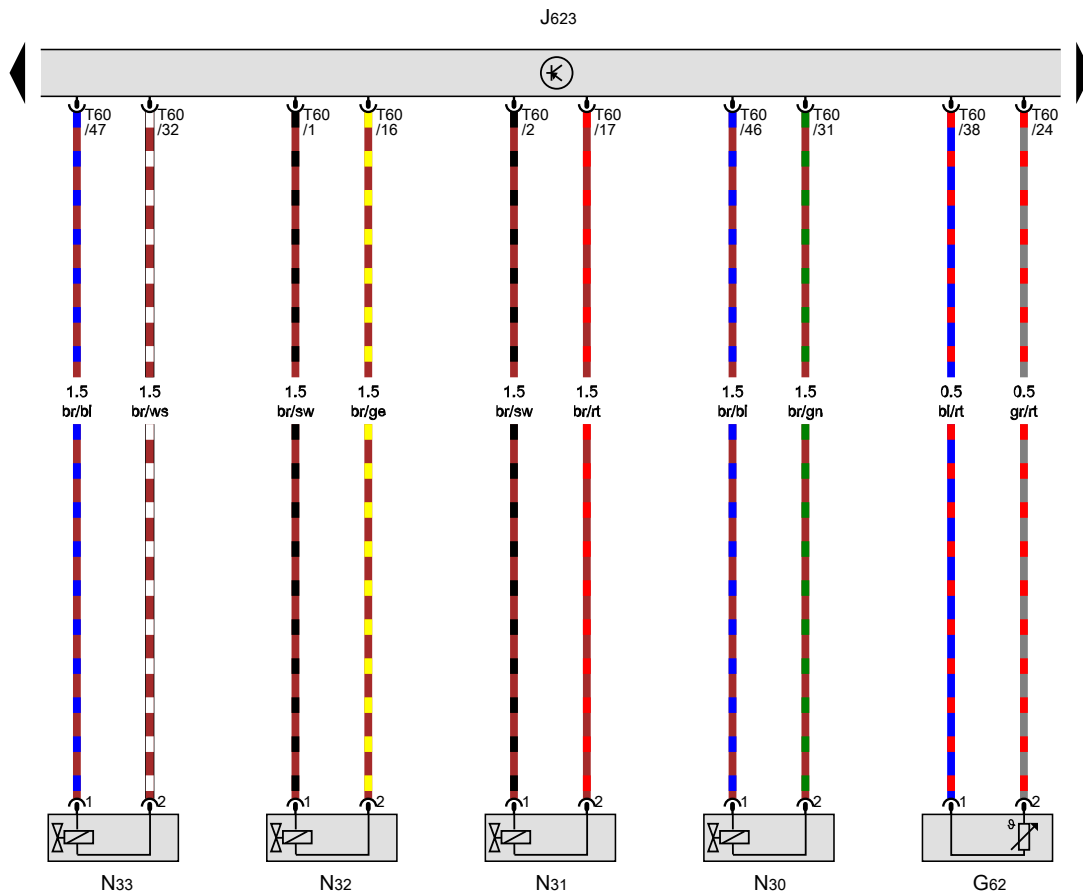
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

12H0-065151112



Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector, black
- T4 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B613 Connection 41, in main wiring harness
- * Only models with "Low" equipment (AW0)
- *2 Only models with Euro 5 plus emission standard (7MJ)
- *3 Hot country version



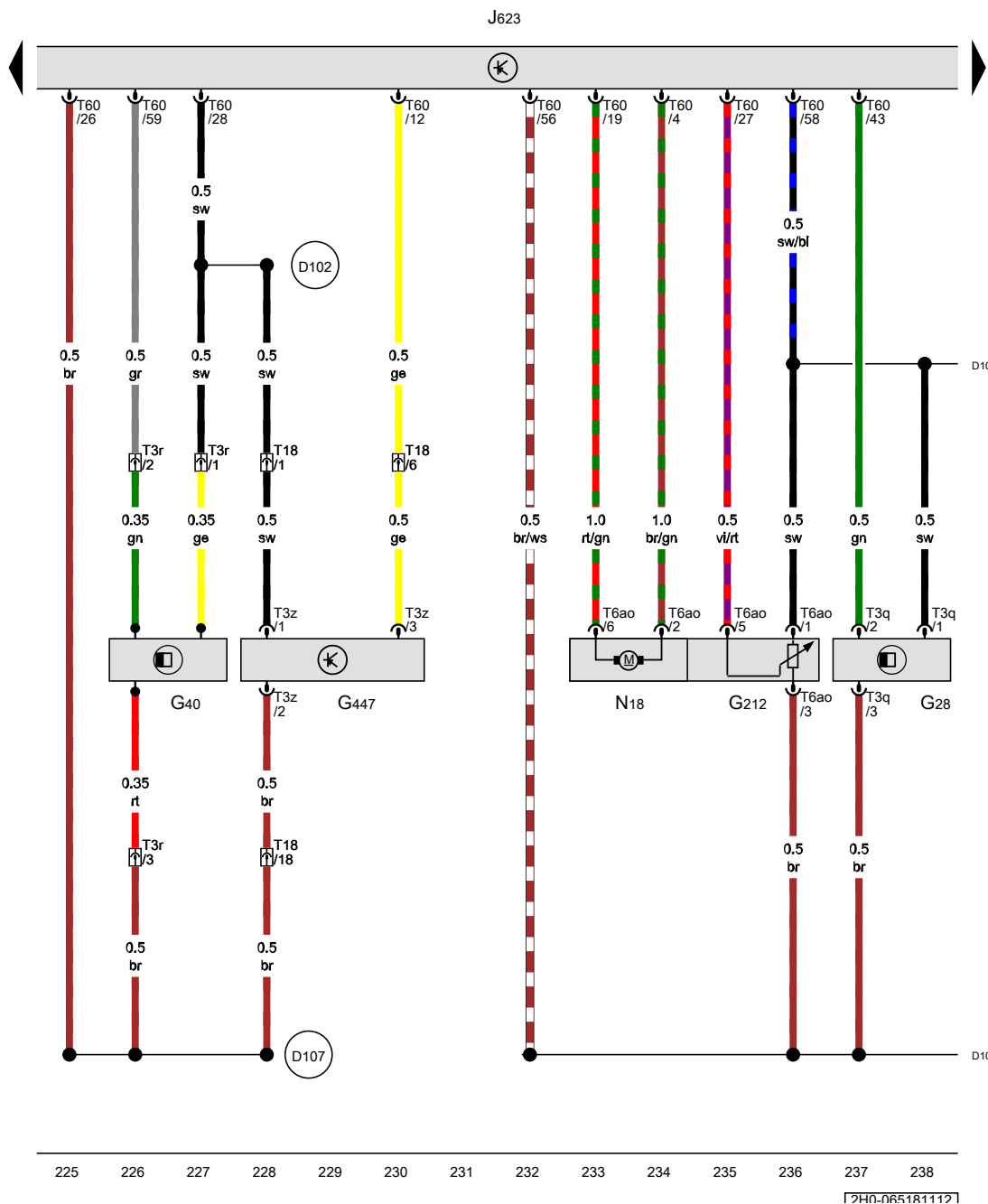
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T60 60-pin connector, black

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

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

[240-065171112]

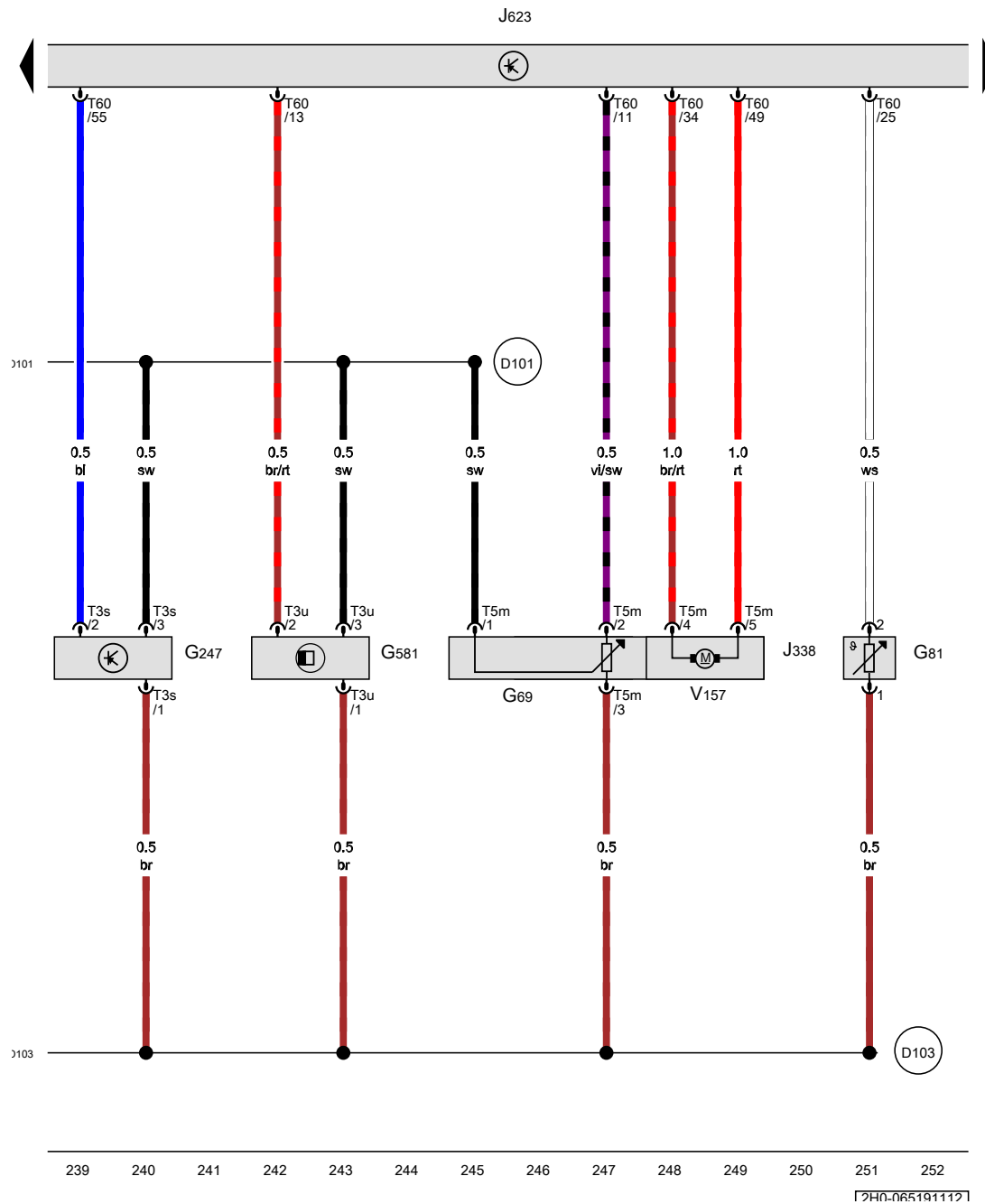


Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G447 Charge pressure sender 2
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector, black
- T3r 3-pin connector, on front of engine, black
- T3z 3-pin connector, black
- T6ao 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness

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



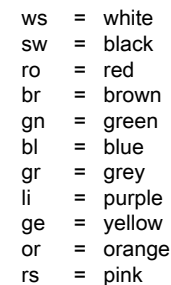
Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine control unit
- T3s 3-pin connector, black
- T3u 3-pin connector
- T5m 5-pin connector
- T60 60-pin connector, black
- V157 Intake manifold flap motor

D101 Connection 1 in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

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



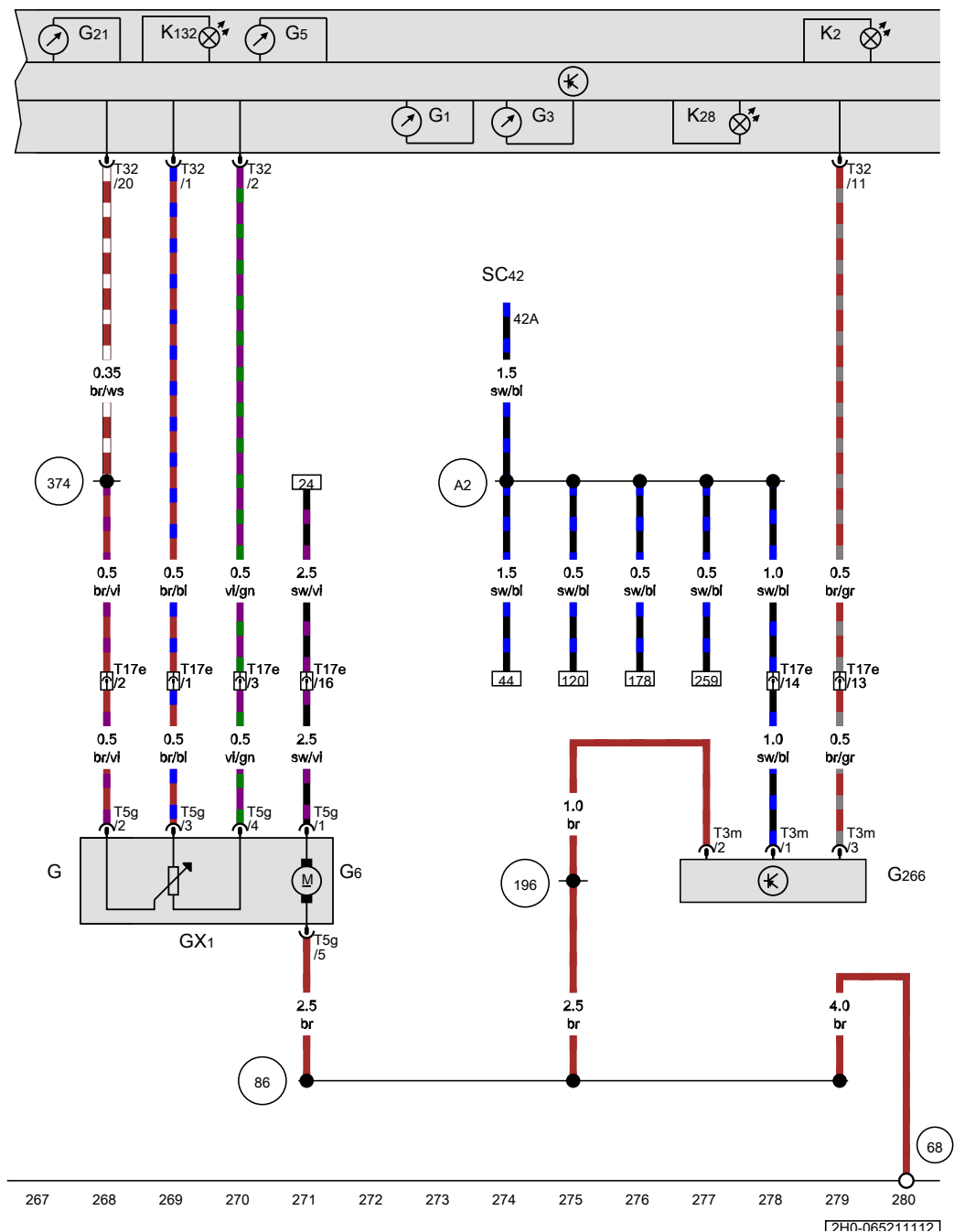
* Only models with manual gearbox
*2 Only models with no automatic gearbox

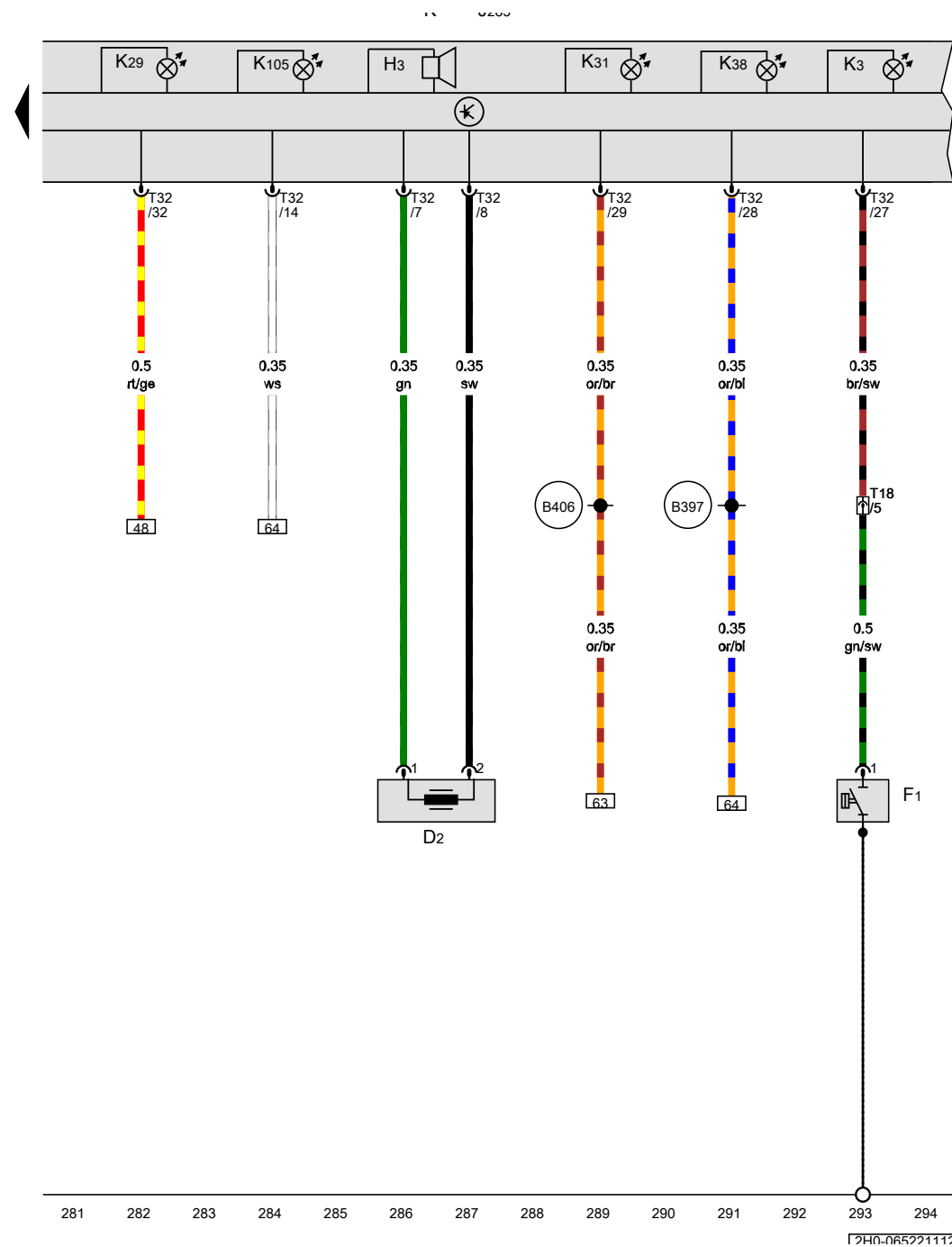
Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K132 Electronic power control fault lamp
- SC42 Fuse 42 on fuse holder C
- T3m 3-pin connector
- T5g 5-pin connector
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness

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





Oil pressure switch, Dash panel insert

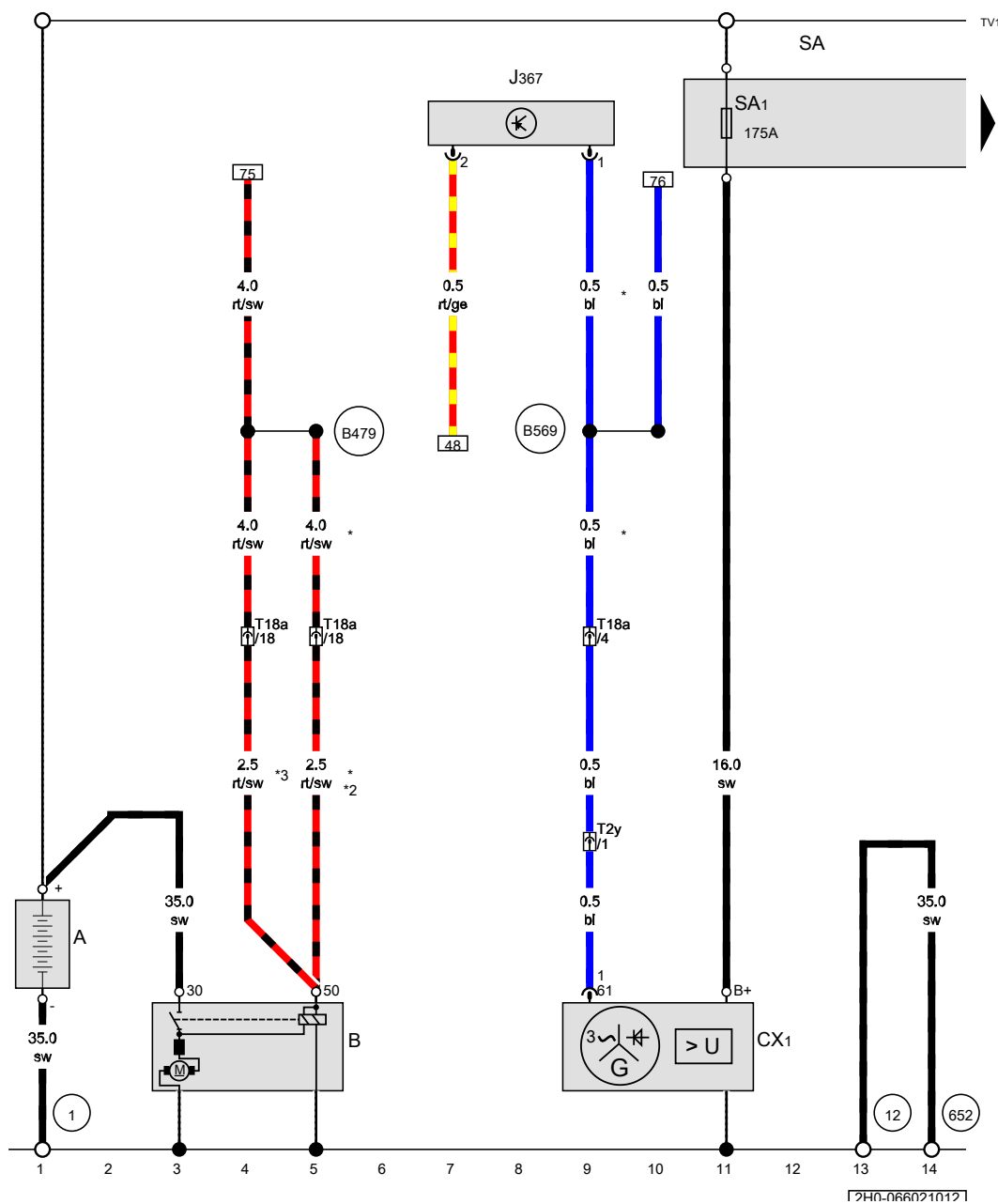
- D2 Immobiliser reader coil
- F1 Oil pressure switch
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

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

Fuse assignment for models with start/stop system , (7L6)

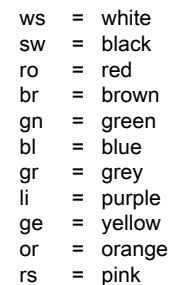
From June 2012

Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2y	2-pin connector, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B479	Connection 15, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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



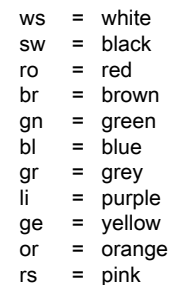
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B333 Positive connection 19 (30a) in main wiring harness

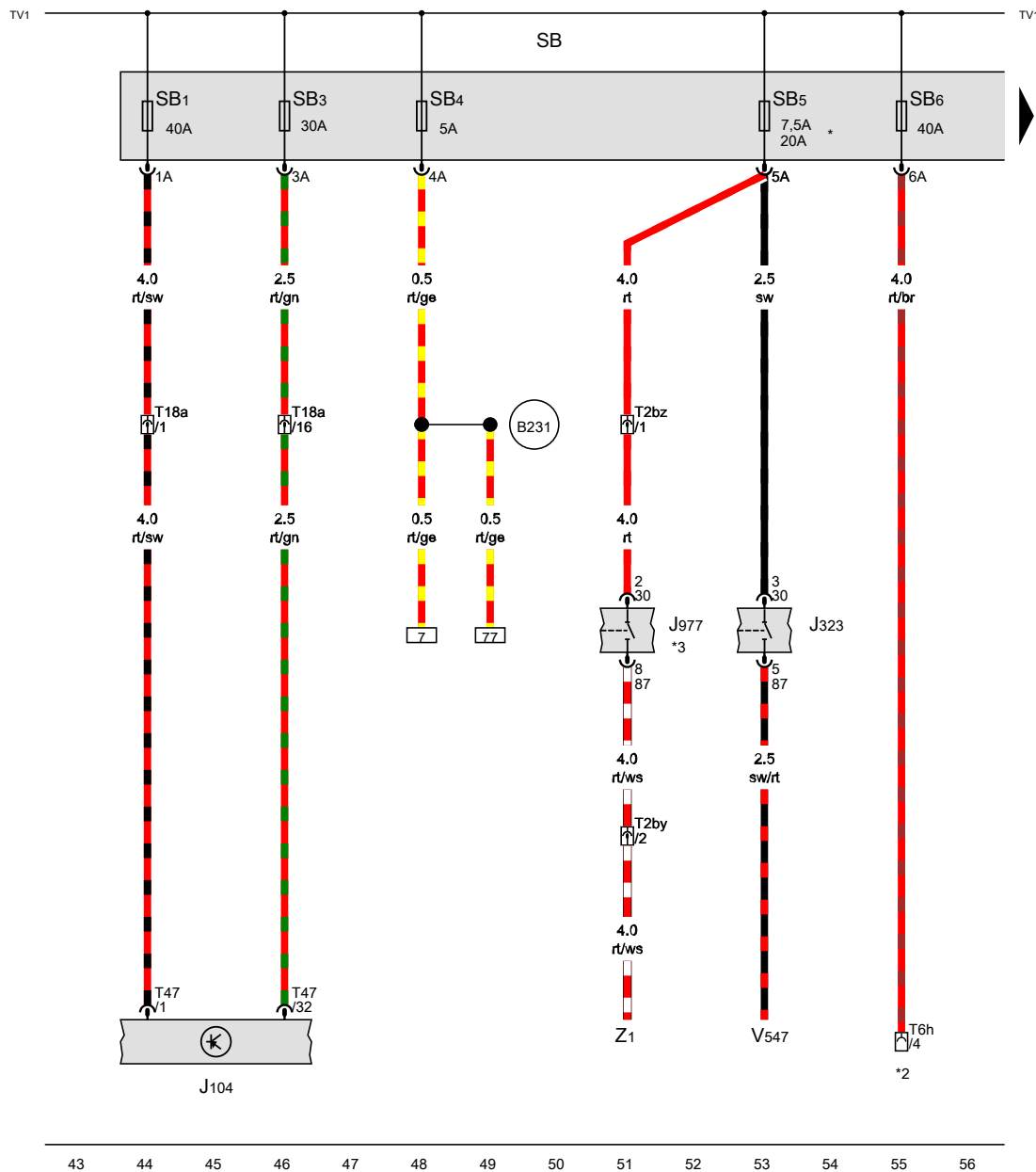
J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan

- (B331) Positive connection 17 (30a) in main wiring harness

*2 Only models with diesel engine



ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



- J104 ABS control unit
- J323 Blower relay
- J977 Terminal 30 relay
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2by 2-pin connector
- T2bz 2-pin connector
- T6h 6-pin connector, in left footwell, near centre console, grey
- T18a 18-pin connector, near engine control unit, grey
- T47 47-pin connector, black
- V547 Air supply blower
- Z1 Heated rear window

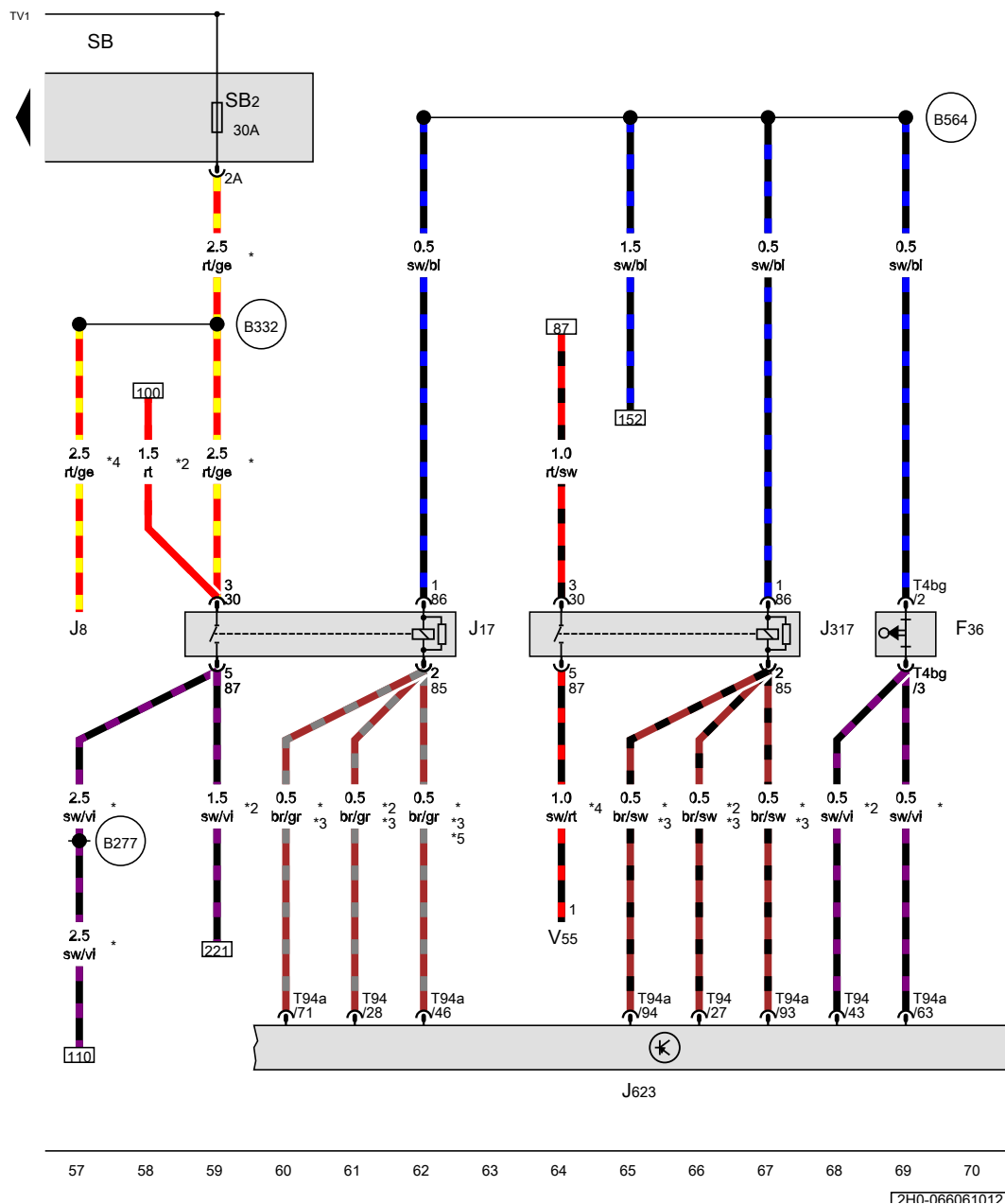
B231 Positive connection 5 (30a), in interior wiring harness

* According to equipment

*2 Only models with electric interface for external use

*3 see applicable current flow diagram for hardtop

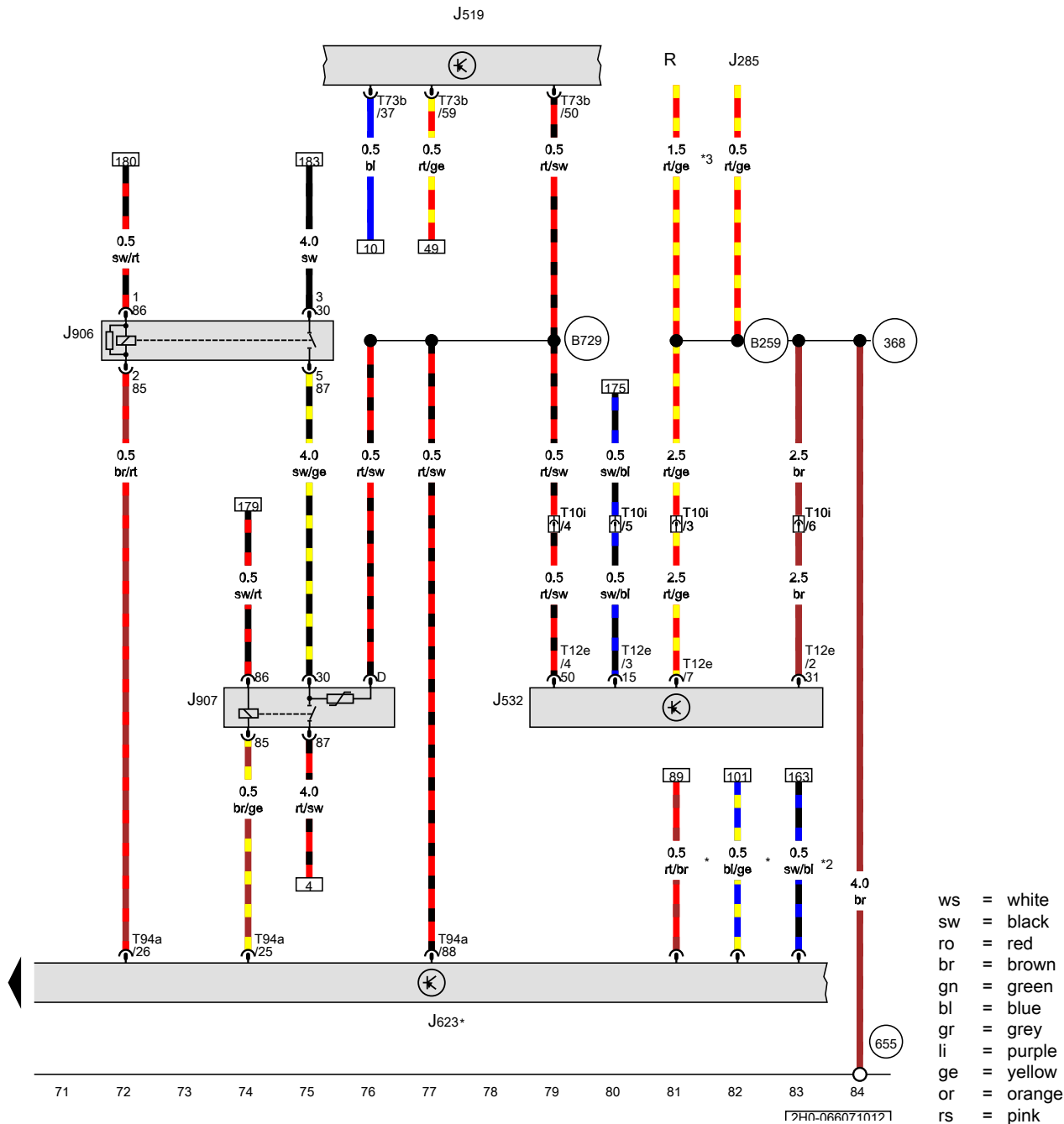
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

- F36 Clutch pedal switch
- J8 Auxiliary heater relay
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- T4bg 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V55 Circulation pump
- B277 Positive connection 1 (15a) in main wiring harness
- B332 Positive connection 18 (30a) in main wiring harness
- B564 Connection 31, in main wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 see applicable current flow diagram for auxiliary coolant heater
- *5 Slot assignment, with no cruise control system (CCS)

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



**Voltage stabiliser, Engine control unit, Starter relay 1,
Starter relay 2**

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
R	Radio
T10i	10-pin connector, near battery, black
T12e	12-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
B259	Connection (start/stop signal), in interior wiring harness
B729	Connection 1 (50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for radio/ radio navigation system

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

Headlight relay, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C

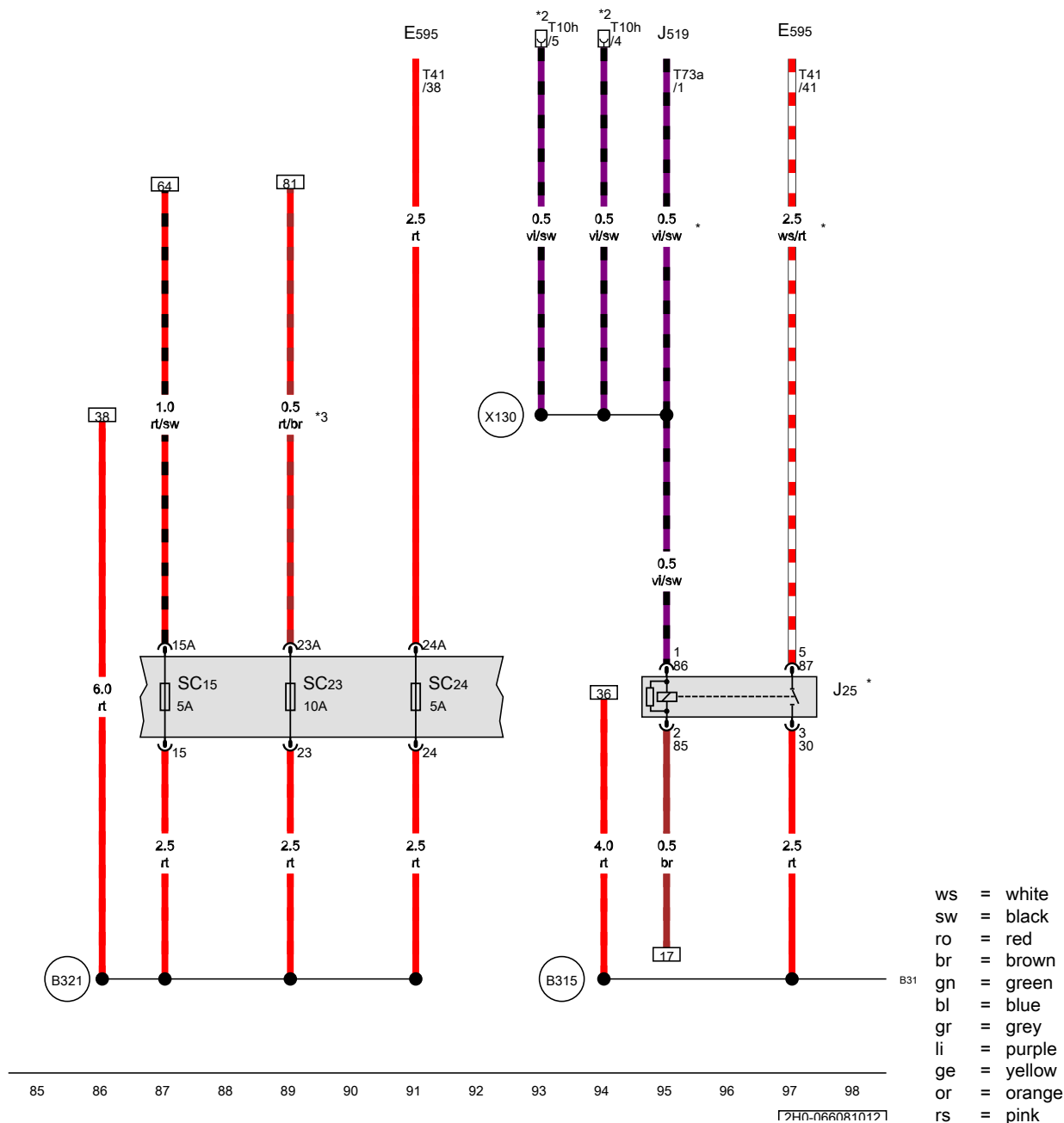
- E595 Steering column combination switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T41 41-pin connector
- T73a 73-pin connector, black

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

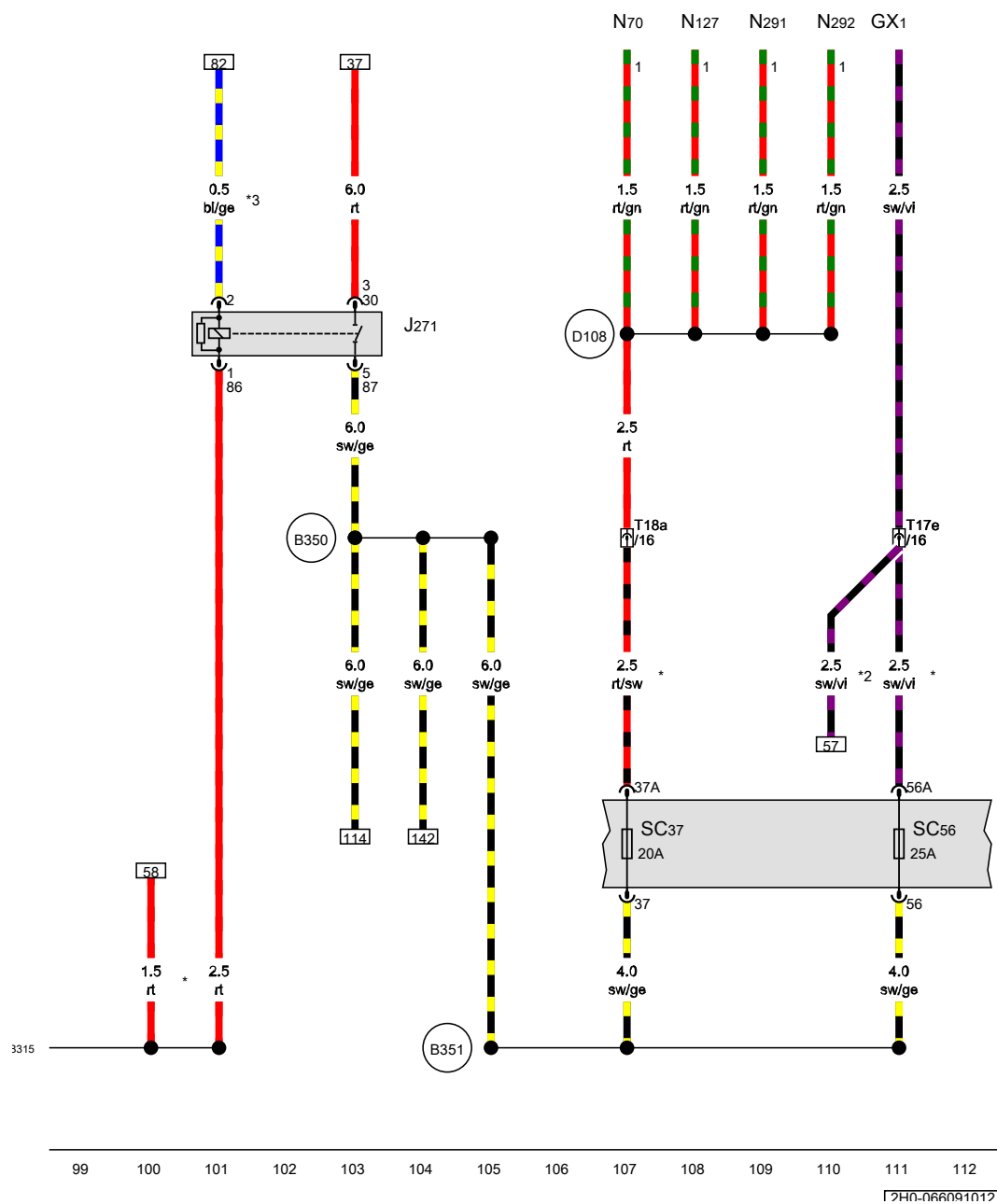
(B321) Positive connection 7 (30a) in main wiring harness

(X130) Connection 3, in optional equipment wiring harness

- * Only models with automatic driving lights control
- *2 Only models with electric interface for external use
- *3 see applicable current flow diagram for engine



Main relay, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C



- GX1 Fuel delivery unit, on fuel tank
- J271 Main relay
- 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
- SC37 Fuse 37 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T17e 17-pin connector, near handbrake lever, blue
- T18a 18-pin connector, near engine control unit, black

- B315 Positive connection 1 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- D108 Connection 6 in engine compartment wiring harness

- * Only models with petrol engine
- *2 Only models with diesel engine
- *3 see applicable current flow diagram for engine

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

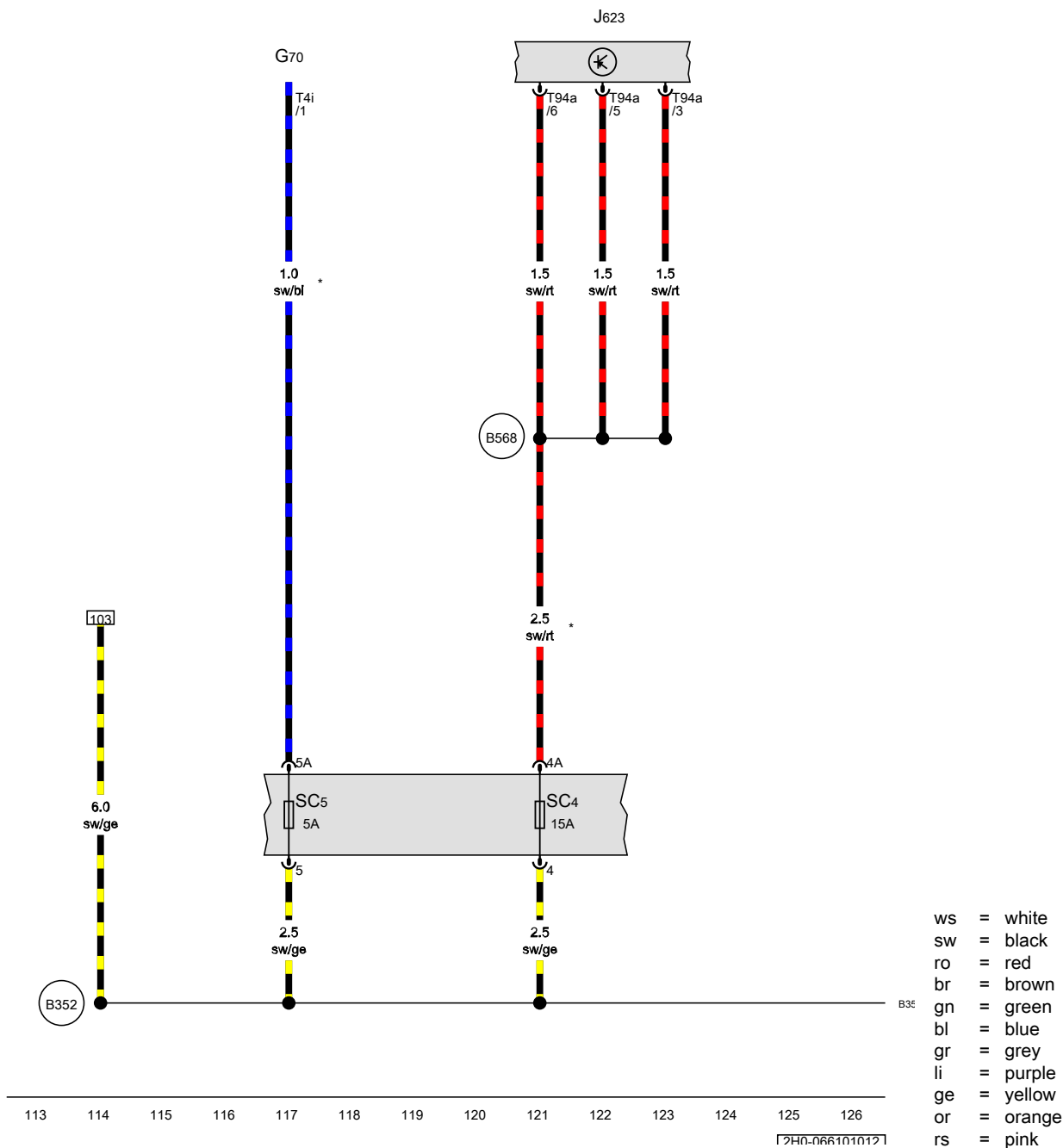
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

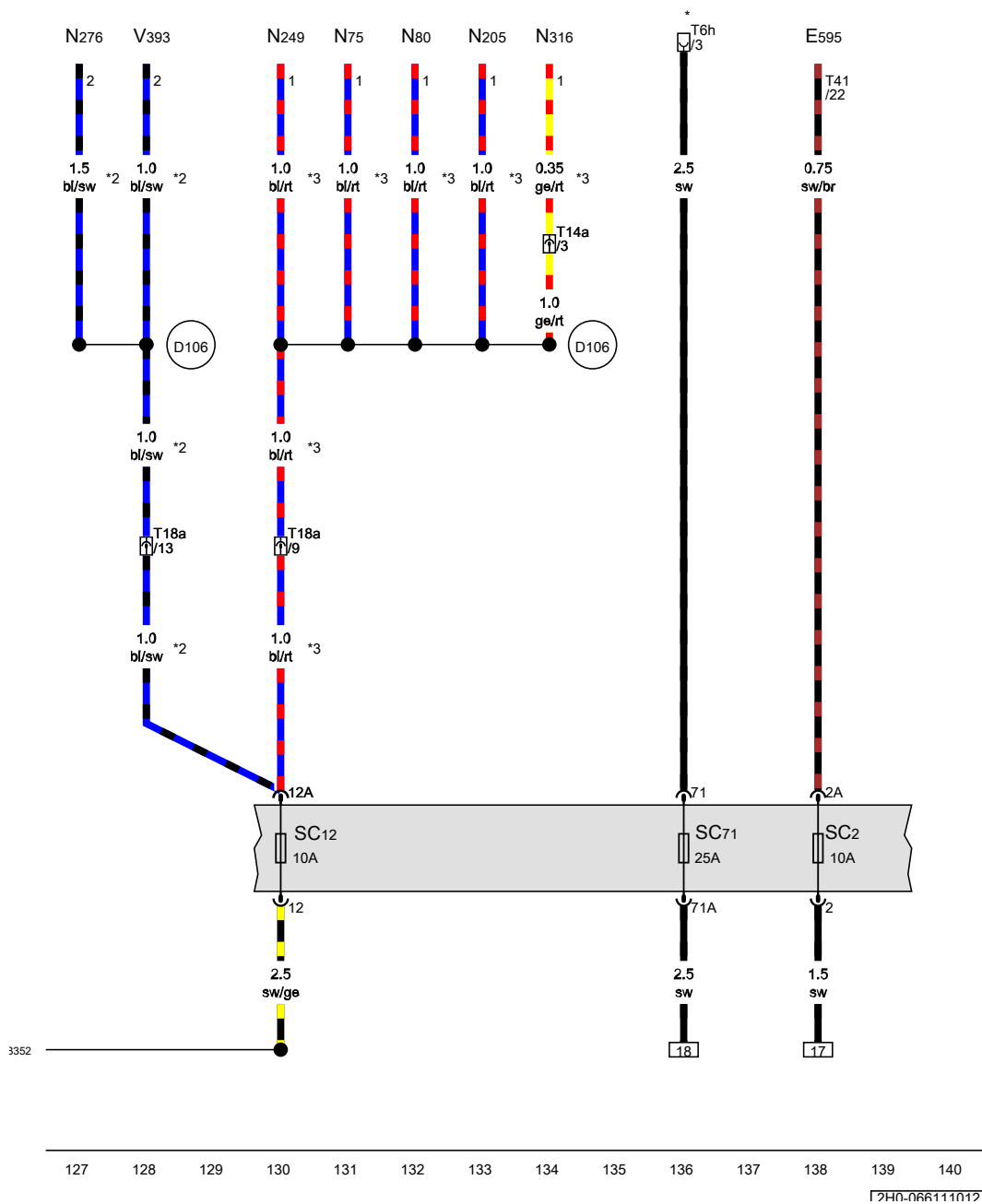
- G70 Air mass meter
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T94a 94-pin connector, black

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

 B568 Connection 35, in main wiring harness

* Only models with diesel engine





Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

- E595 Steering column combination switch
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N316 Intake manifold flap valve
- SC2 Fuse 2 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console, grey
- T14a 14-pin connector, front left in engine compartment
- T18a 18-pin connector, near engine control unit, black
- T41 41-pin connector, grey
- V393 Supplementary fuel pump

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

D106 Connection 4 in engine compartment wiring harness

- * Only models with electric interface for external use
- *2 Only models with diesel engine
- *3 Only models with petrol engine

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

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4f 4-pin connector, front right in engine compartment, black
- T6q 6-pin connector, front right in engine compartment, black
- T6t 6-pin connector, front right in engine compartment, black
- T94 94-pin connector, black
- V50 Coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

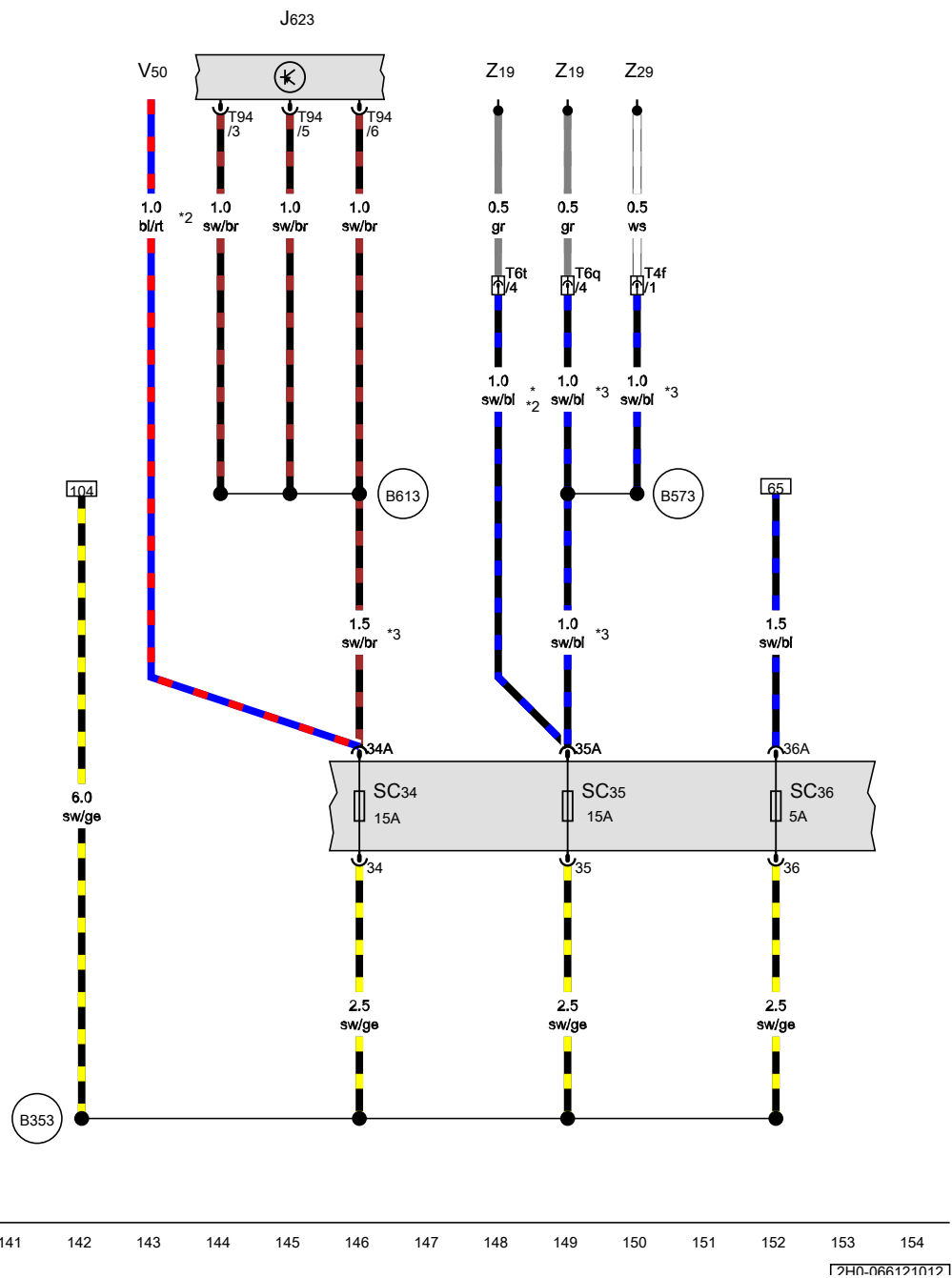
B573 Connection 40, in main wiring harness

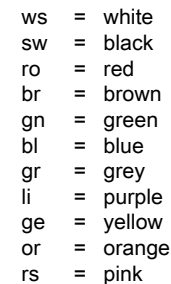
B613 Connection 41, in main wiring harness

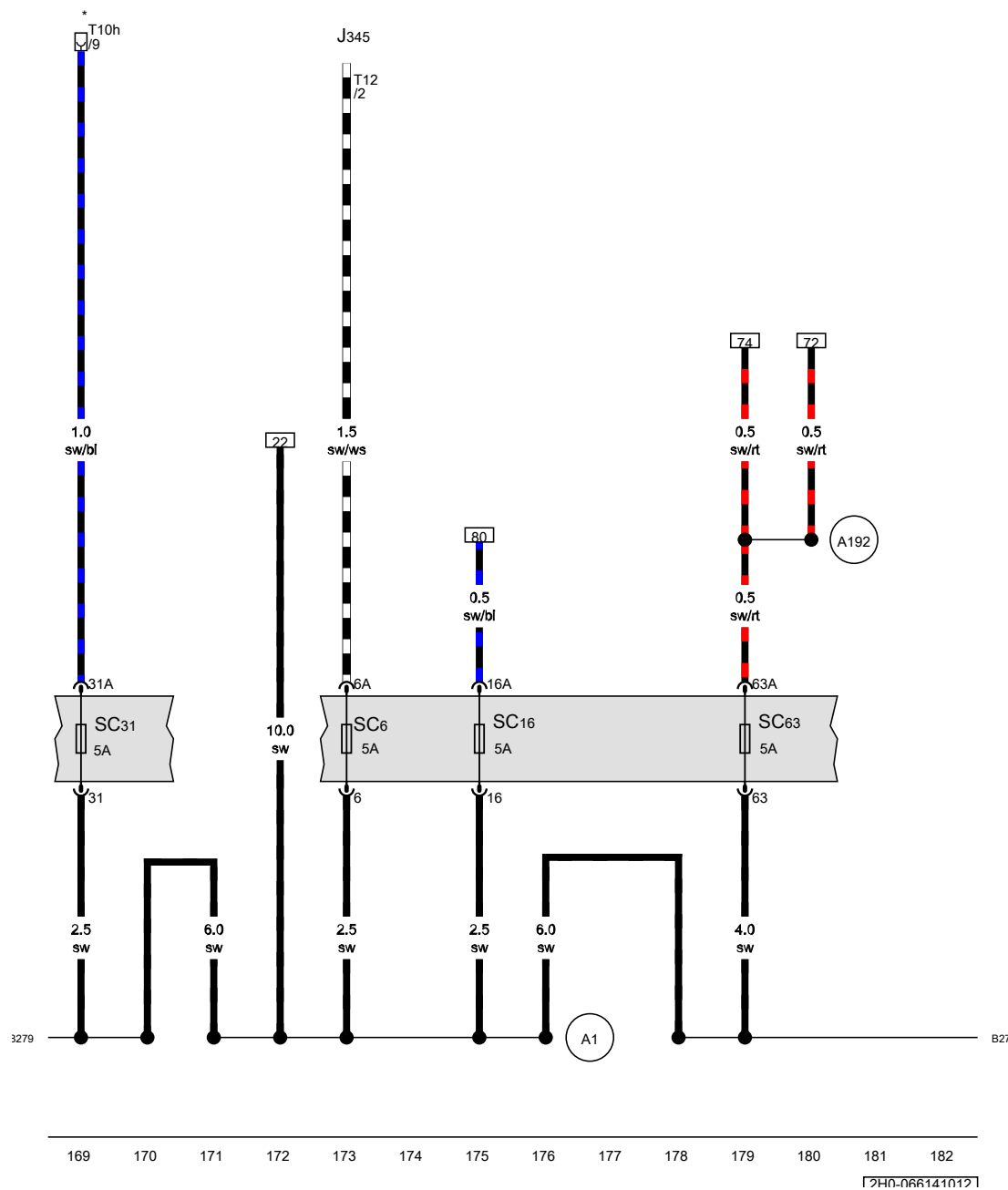
* Only models with Euro 5 emission standard

*2 Only models with diesel engine

*3 Only models with petrol engine



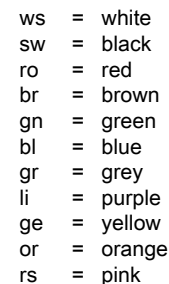




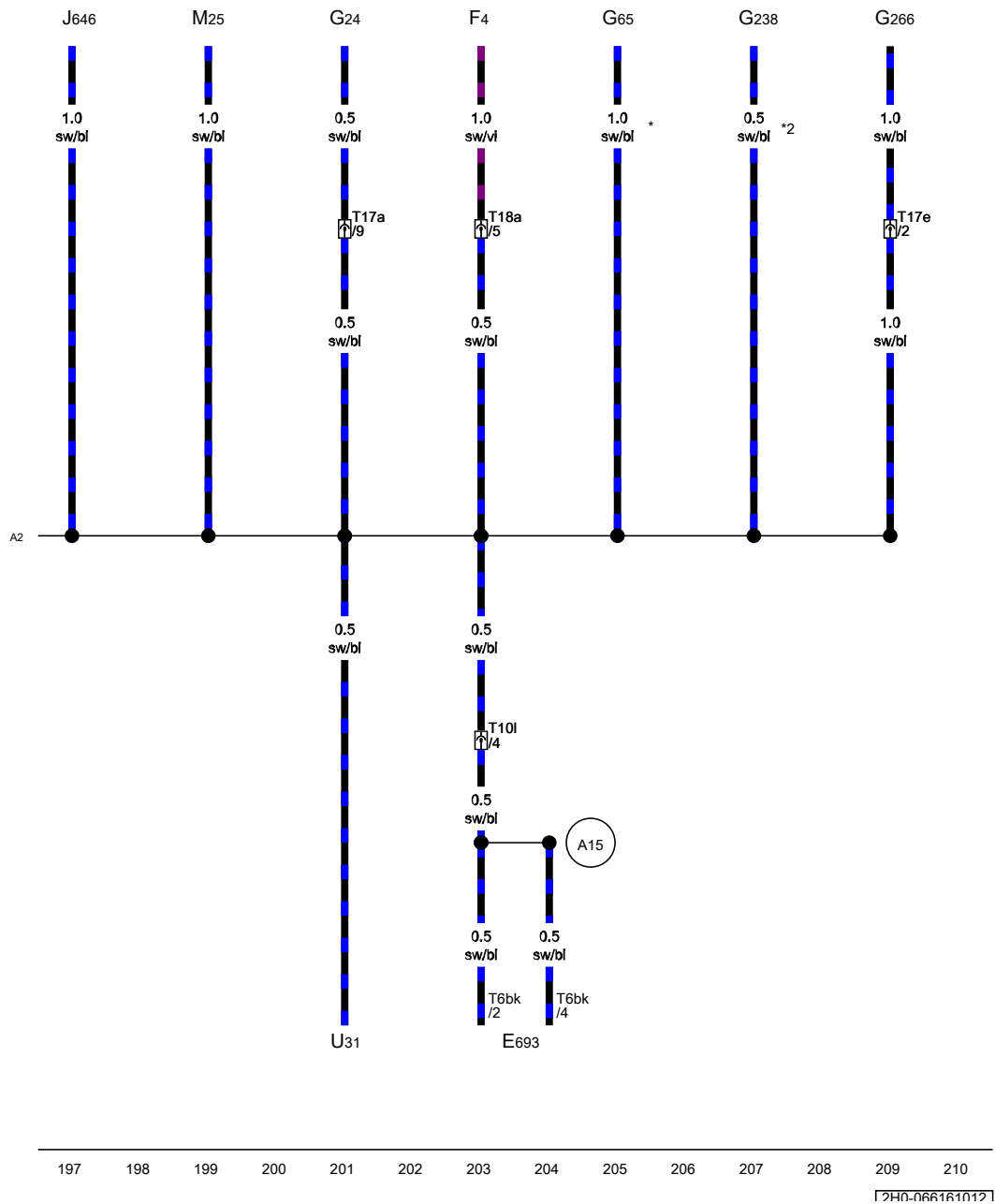
Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 31 on fuse holder C, Fuse 63 on fuse holder C

- J345 Trailer detector control unit
- SC6 Fuse 6 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T12 12-pin connector, red

- A1 Positive connection (30a), in dash panel wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- * Only models with electric interface for external use



* Only models with cruise control system



Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender, Transfer box control unit, Additional brake light bulb, Diagnostic connection

- E693 Start/Stop operation button, in front centre console
- F4 Reversing light switch
- G24 Tachograph
- G65 High-pressure sender
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- J646 Transfer box control unit
- M25 Additional brake light bulb
- T6bk 6-pin connector, green
- T10l 10-pin connector, blue
- T17a 17-pin connector, behind glove compartment, black
- T17e 17-pin connector, near handbrake lever, blue
- T18a 18-pin connector, near engine control unit, grey
- U31 Diagnostic connection

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

A15 Positive connection (15), in instrument wiring harness

- * Only models with air conditioning system/ Climatronic
- *2 Only models with Climatronic

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

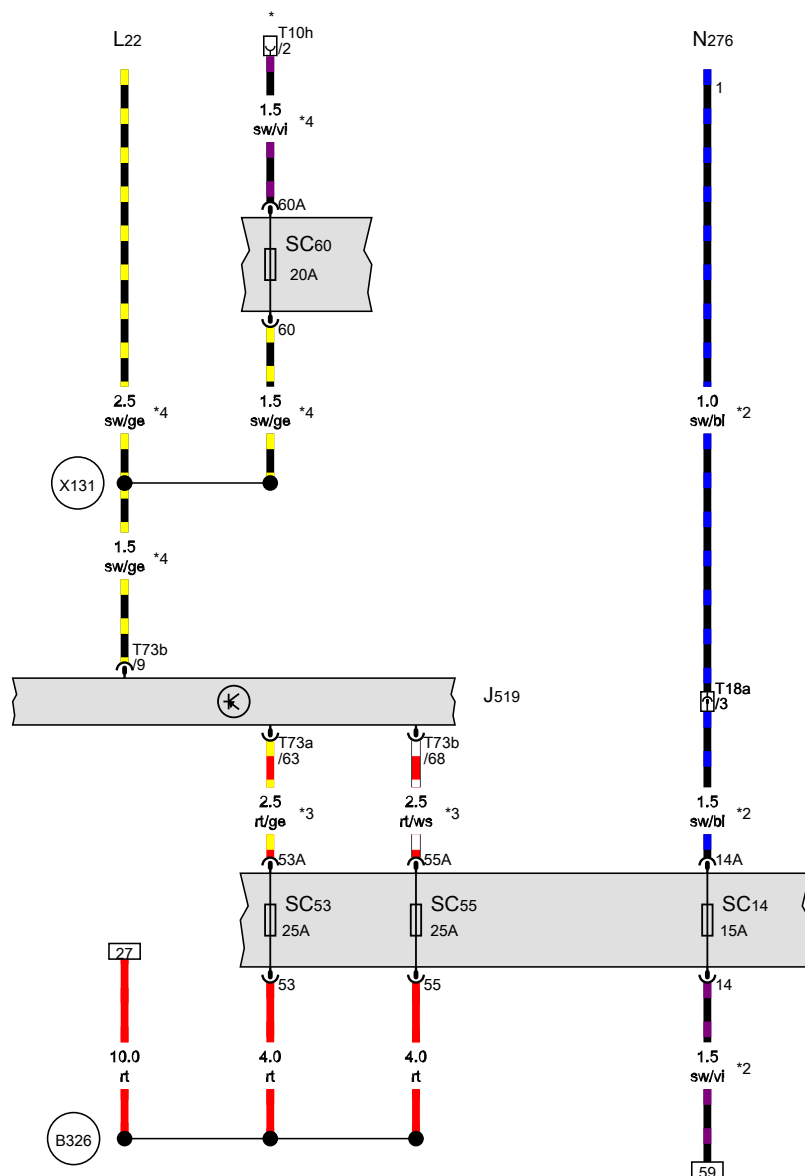
Fuse 14 on fuse holder C, Fuse 53 on fuse holder C, Fuse 55 on fuse holder C

- J519 Onboard supply control unit
- L22 Left fog light bulb
- N276 Fuel pressure regulating valve
- SC14 Fuse 14 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T18a 18-pin connector, near engine control unit, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B326 Positive connection 12 (30a) in main wiring harness

X131 Connection 4, in optional equipment wiring harness

- * Only models with electric interface for external use
- *2 Only models with petrol engine
- *3 see applicable current flow diagram for exterior lighting
- *4 Only models with automatic driving lights control



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

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

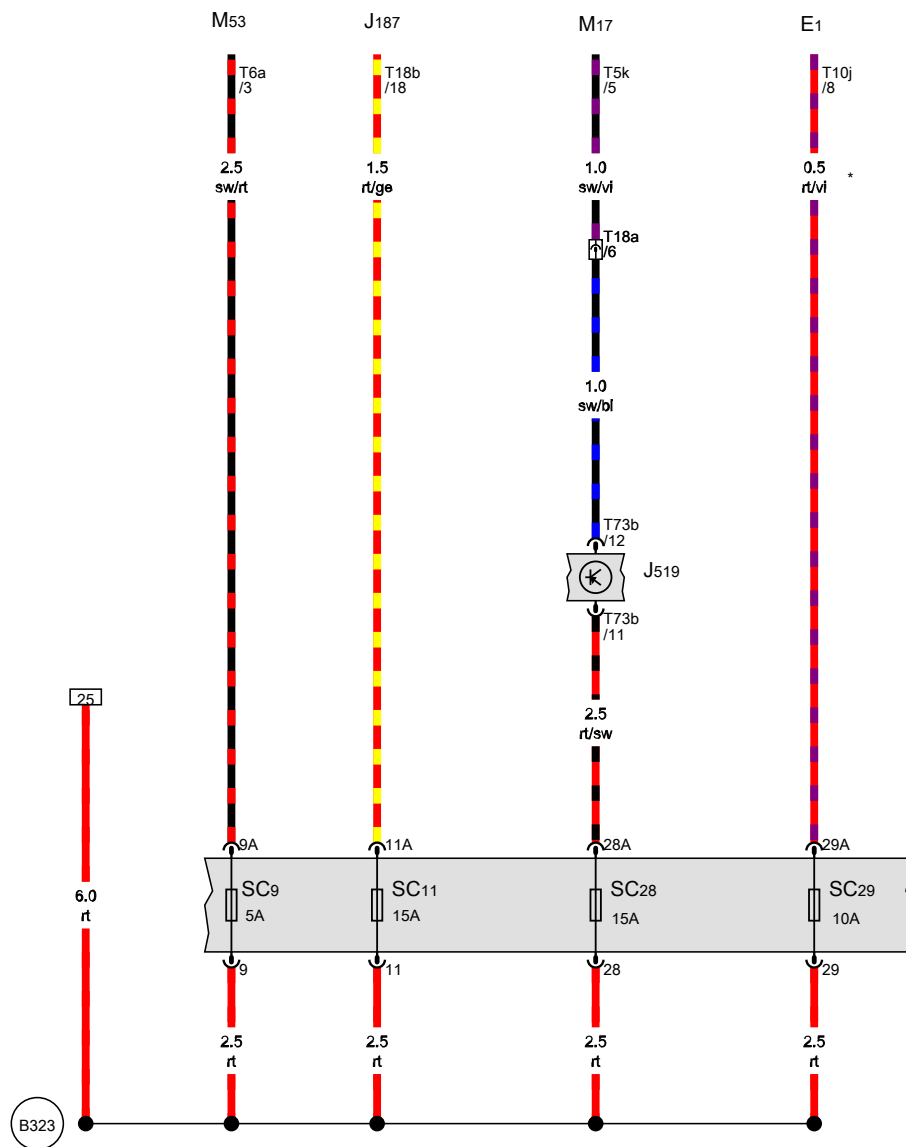
17H0-06R1710121

Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 28 on fuse holder C, Fuse 29 on fuse holder C

- E1 Light switch
- J187 Differential lock control unit
- J519 Onboard supply control unit
- M17 Right reversing light bulb
- M53 Load area illumination bulb
- SC9 Fuse 9 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- T5k 5-pin connector
- T6a 6-pin connector
- T10j 10-pin connector, black
- T18a 18-pin connector, near engine control unit, near engine control unit, grey
- T18b 18-pin connector
- T73b 73-pin connector

B323 Positive connection 9 (30a) in main wiring harness

* Only models with automatic driving lights control

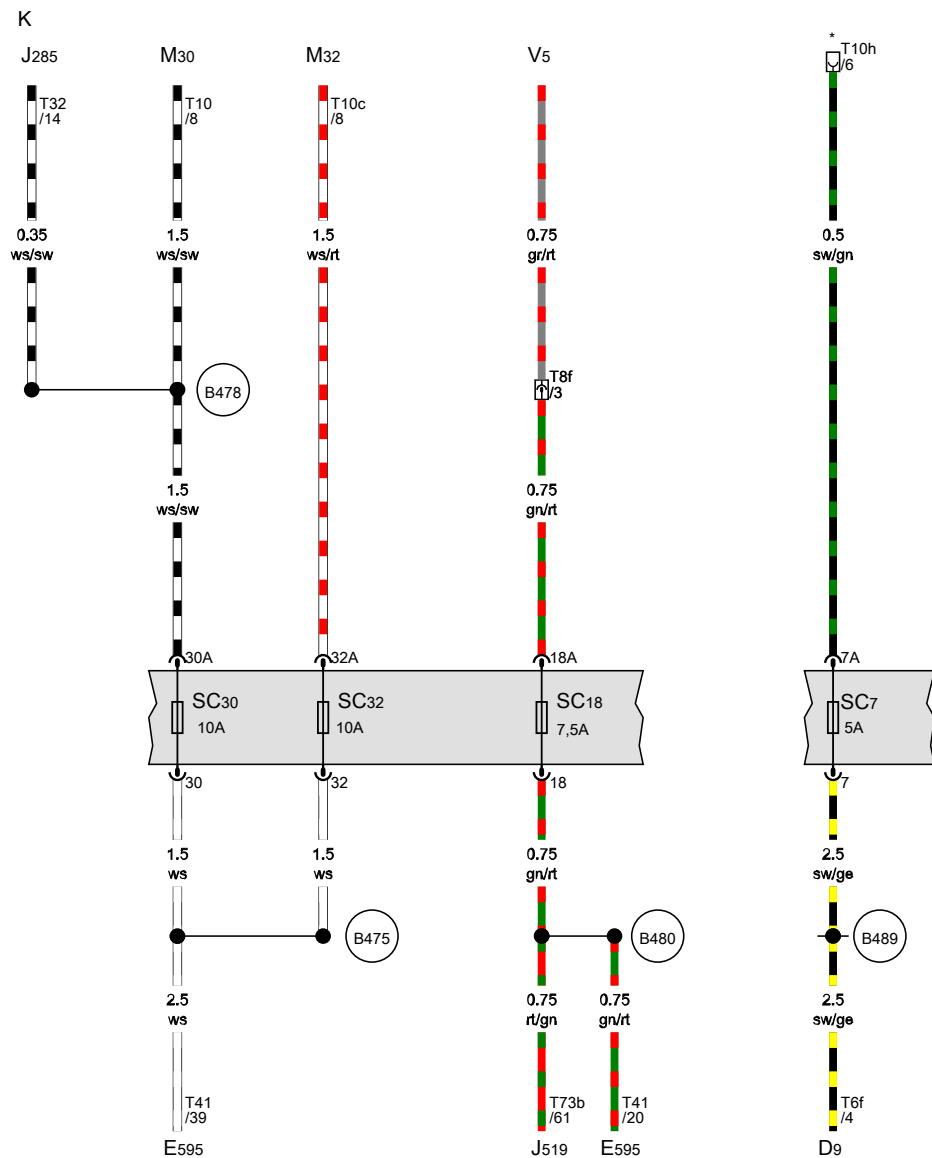


225 226 227 228 229 230 231 232 233 234 235 236 237 238

[74H0-06R181012]

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

Fuse 7 on fuse holder C, Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C



- D9 Electronic ignition lock
- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC7 Fuse 7 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T6f 6-pin connector, black
- T8f 8-pin connector, in rear right of engine compartment, black
- T10 10-pin connector, black
- T10c 10-pin connector, black
- T10h 10-pin connector, in left footwell, near centre console, purple
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- V5 Washer pump

B475 Connection 11, in main wiring harness

B478 Connection 14, in main wiring harness

B480 Connection 16, in main wiring harness

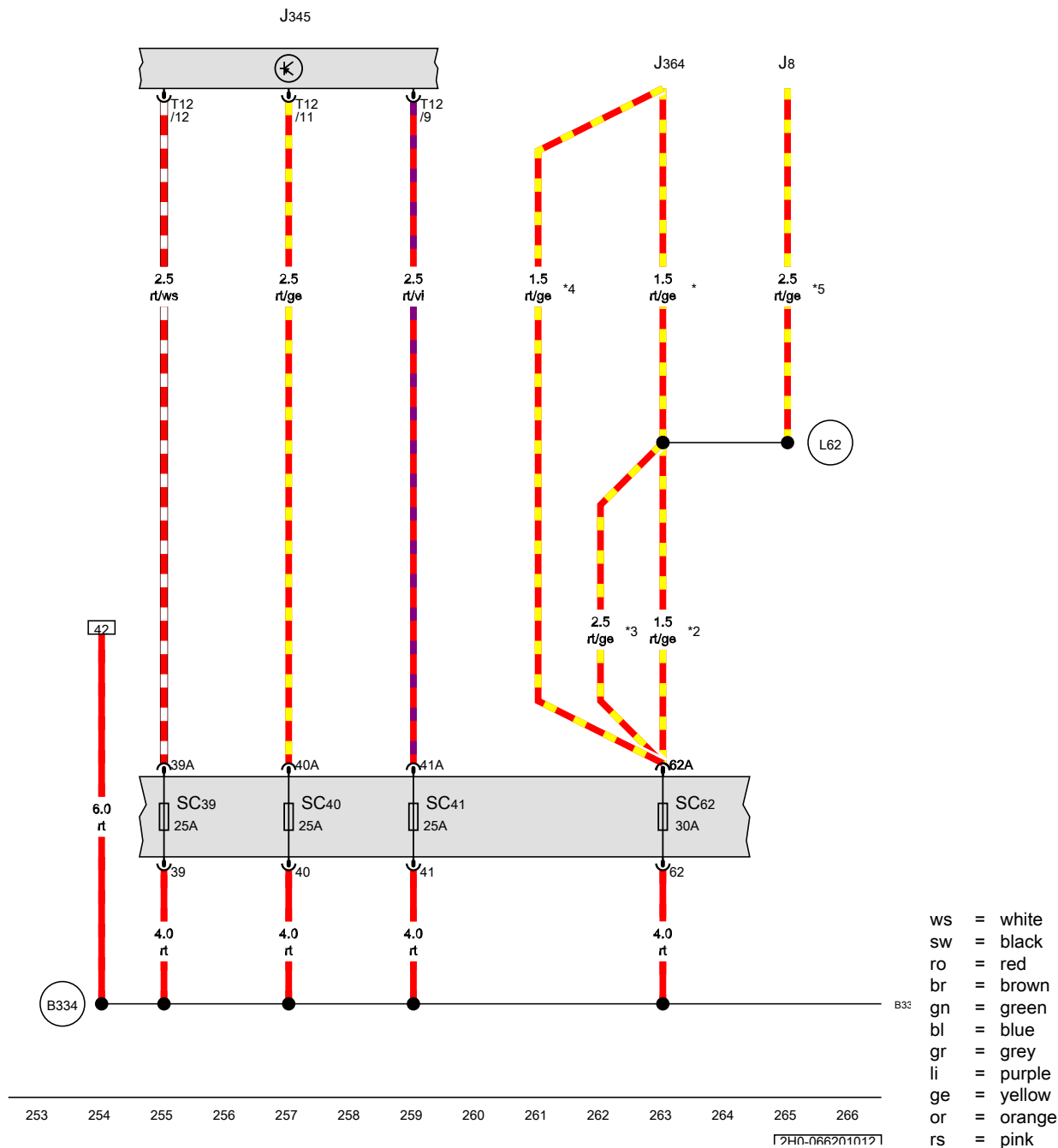
B489 Connection 25, in main wiring harness

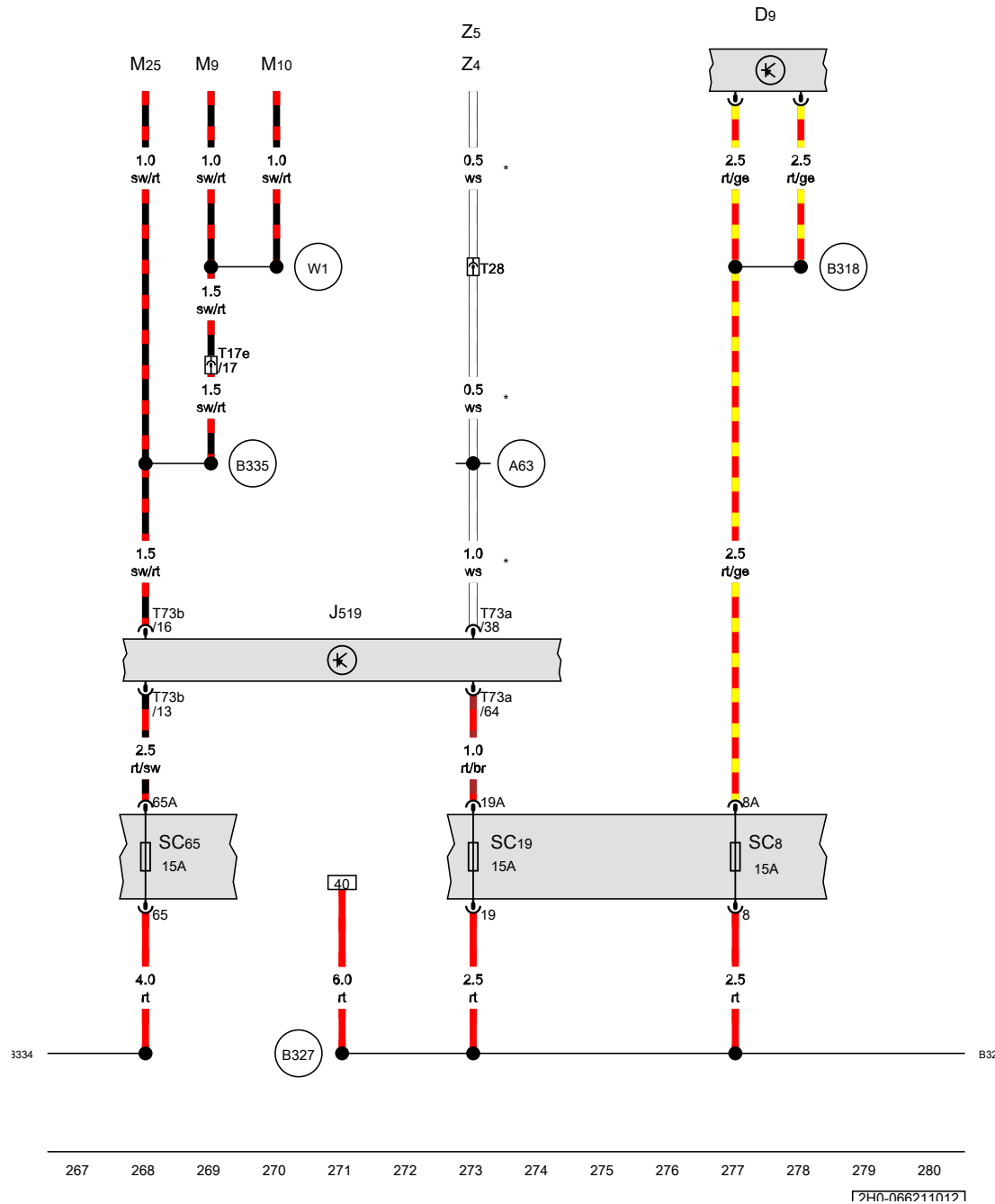
* Only models with electric interface for external use

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

Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 62 on fuse holder C

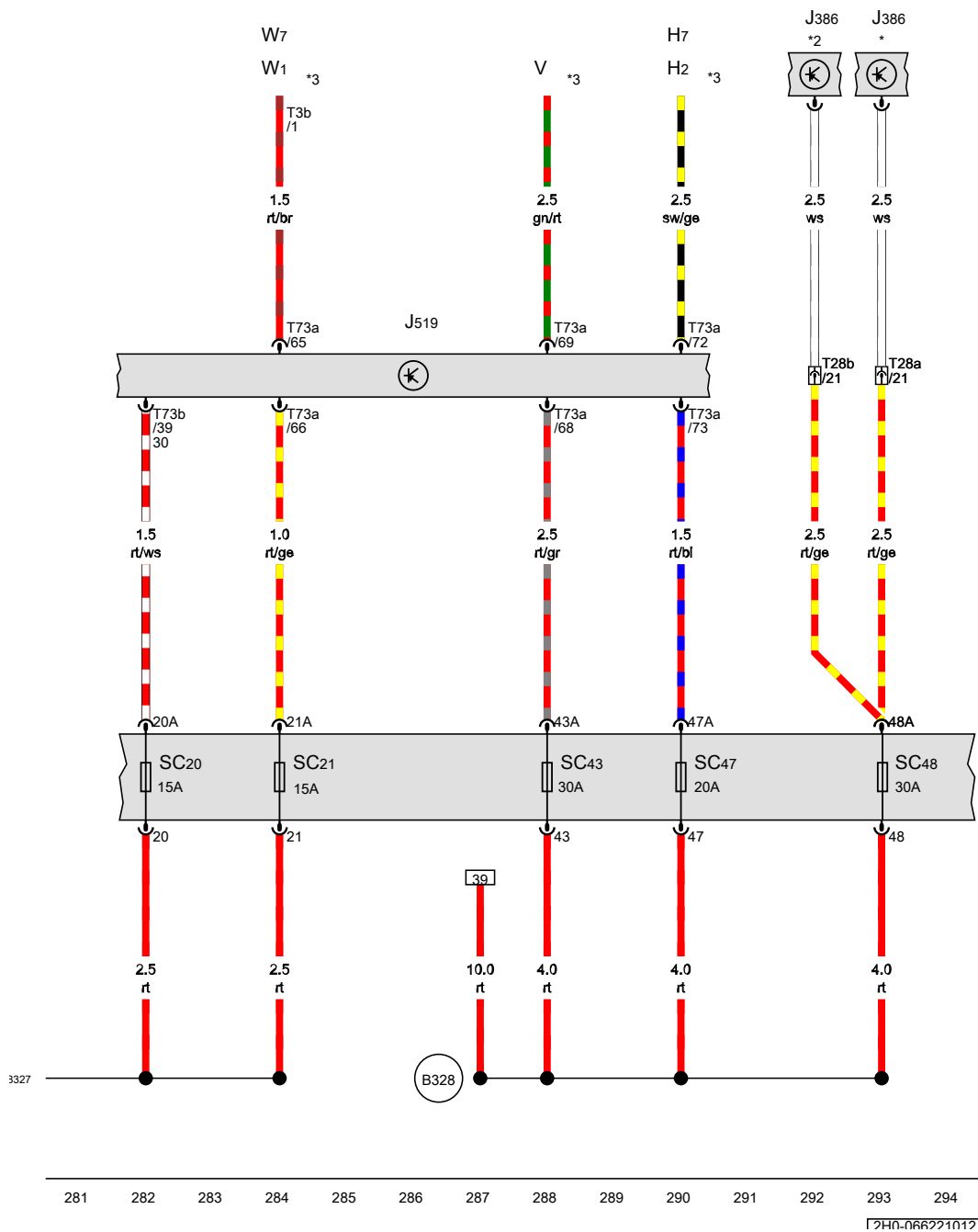
- J8 Auxiliary heater relay
- J345 Trailer detector control unit
- J364 Auxiliary heater control unit
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- T12 12-pin connector, red
- B334 Positive connection 20 (30a) in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with air conditioning system/ Climatronic
- *2 Only models with Climatronic
- *3 Only models with Climatic
- *4 Only models with no air conditioning system/Climatronic
- *5 see applicable current flow diagram for auxiliary coolant heater





Fuse 8 on fuse holder C, Fuse 19 on fuse holder C, Fuse 65 on fuse holder C

- D9 Electronic ignition lock
- J519 Onboard supply control unit
- M9 Left brake light bulb
- M10 Right brake light bulb
- M25 Additional brake light bulb
- SC8 Fuse 8 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T17e 17-pin connector, near handbrake lever, blue
- T28 28-pin connector, near A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- Z4 Heated exterior mirror on driver side
- Z5 Heated exterior mirror on front passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B327 Positive connection 13 (30a) in main wiring harness
- B334 Positive connection 20 (30a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- * see applicable current flow diagram for window regulators/ basic equipment/ convenience system



Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J519 Onboard supply control unit
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T3b 3-pin connector
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor
- W1 Front interior light
- W7 Centre interior light

B327 Positive connection 13 (30a) in main wiring harness

B328 Positive connection 14 (30a) in main wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 see applicable current flow diagram for basic equipment

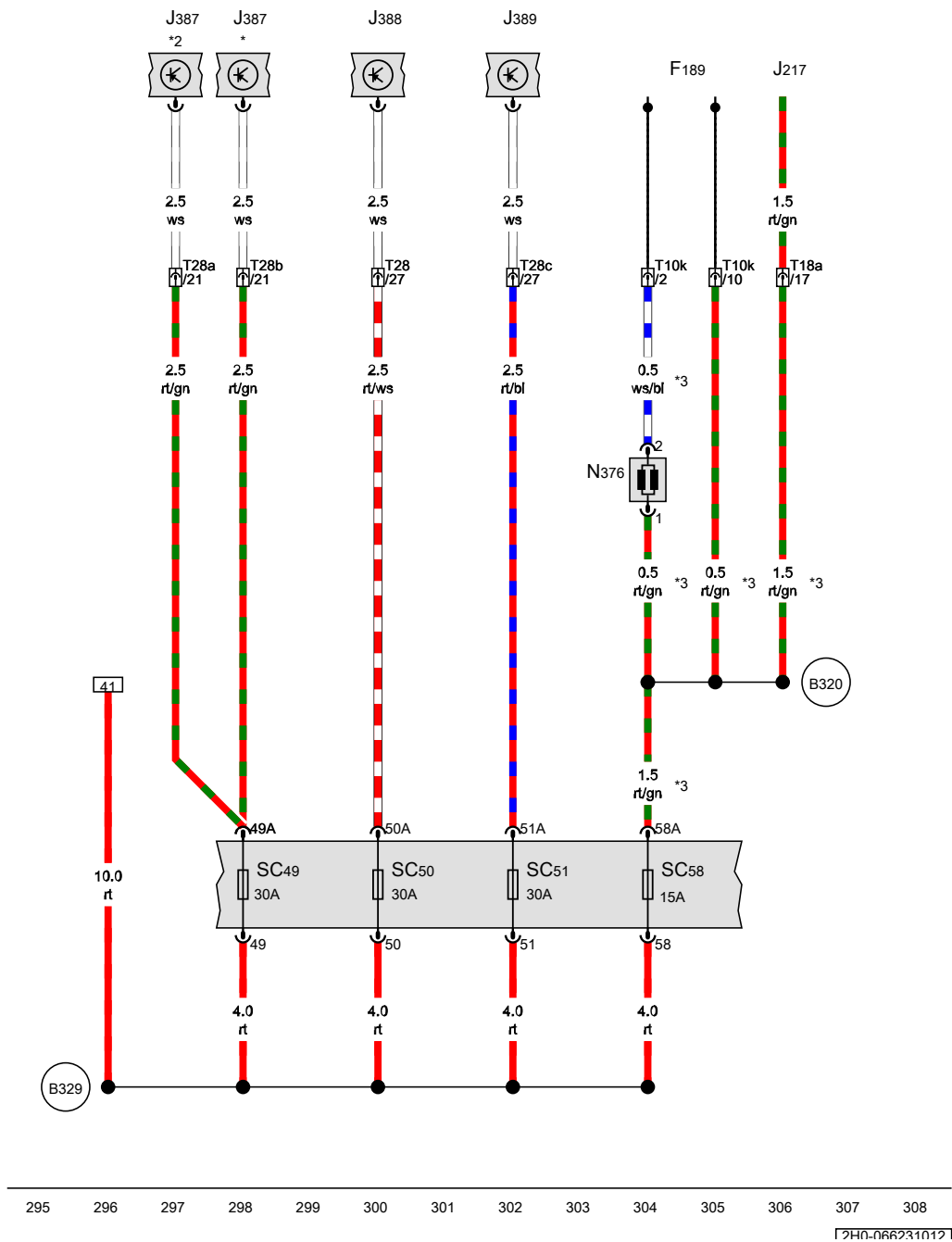
Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

- F189 Tiptronic switch
- J217 Automatic gearbox control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- N376 Ignition key withdrawal lock solenoid
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T10k 10-pin connector, in left footwell, near centre console, purple
- T18a 18-pin connector, near engine control unit, grey
- T28 28-pin connector, near A-pillar
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector

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

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

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with automatic gearbox



Voltage supply relay 2, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

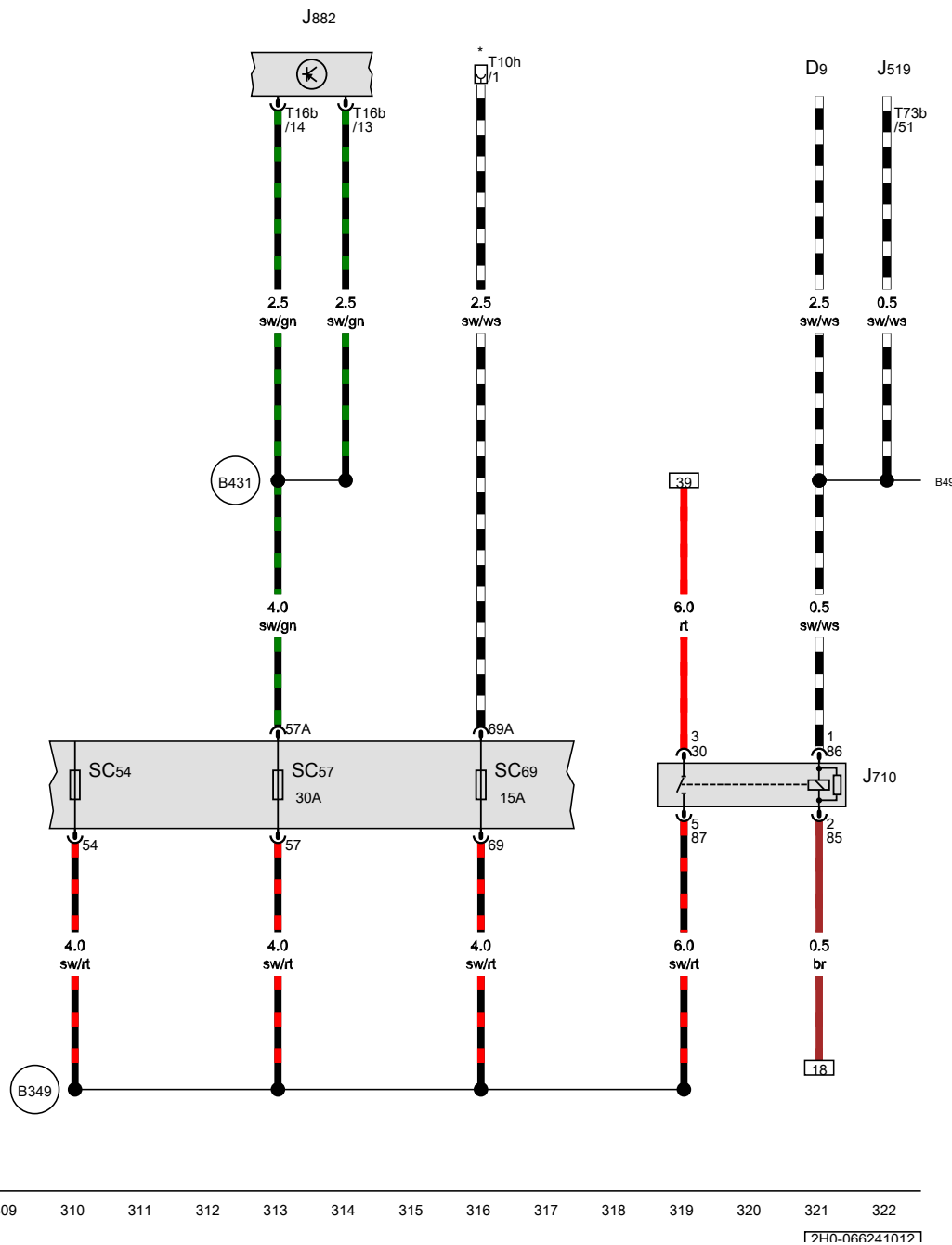
- D9 Electronic ignition lock
- J519 Onboard supply control unit
- J710 Voltage supply relay 2
- J882 Seat heating control unit
- SC54 Fuse 54 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T16b 16-pin connector, black
- T73b 73-pin connector, colourless

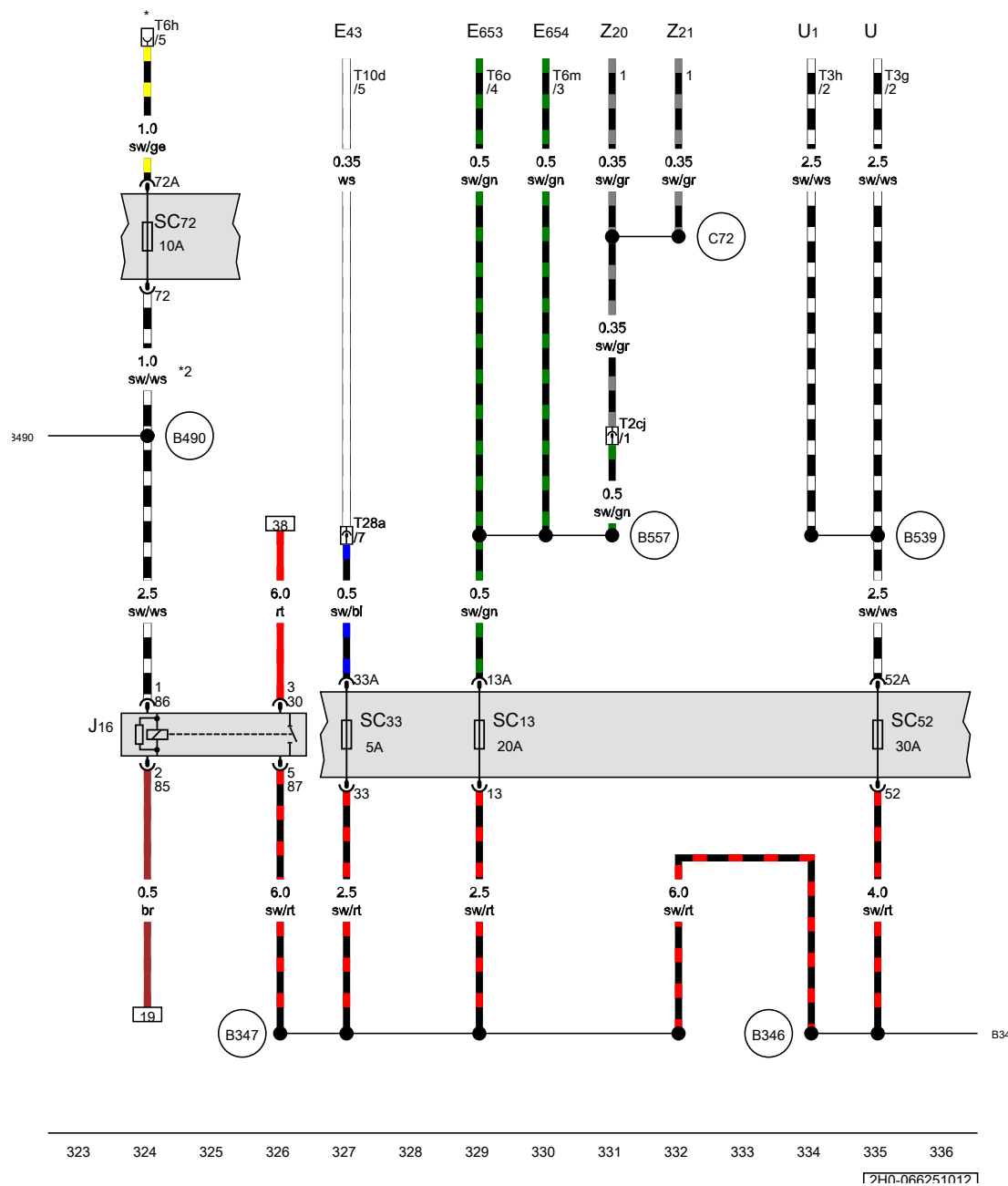
B349 Connection 2 (75a), in main wiring harness

B431 Connection (seat heating), in main wiring harness

B490 Connection 26, in main wiring harness

* Only models with electric interface for external use





Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 52 on fuse holder C, Fuse 72 on fuse holder C

- E43 Mirror adjustment switch, in driver door
- E653 Button for left seat heating, on centre console switch module
- E654 Button for right seat heating, on centre console switch module
- J16 Current supply relay
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T2cj 2-pin connector
- T3g 3-pin connector, transparent
- T3h 3-pin connector, transparent
- T6h 6-pin connector, in left footwell, near centre console, grey
- T6m 6-pin connector, white
- T6o 6-pin connector, blue
- T10d 10-pin connector, black
- T28a 28-pin connector, in left A-pillar
- U Electric socket, on centre console switch module
- U1 Cigarette lighter, on centre console switch module
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

B346 Connection 1 (75), in main wiring harness

B347 Connection 2 (75), in main wiring harness

B490 Connection 26, in main wiring harness

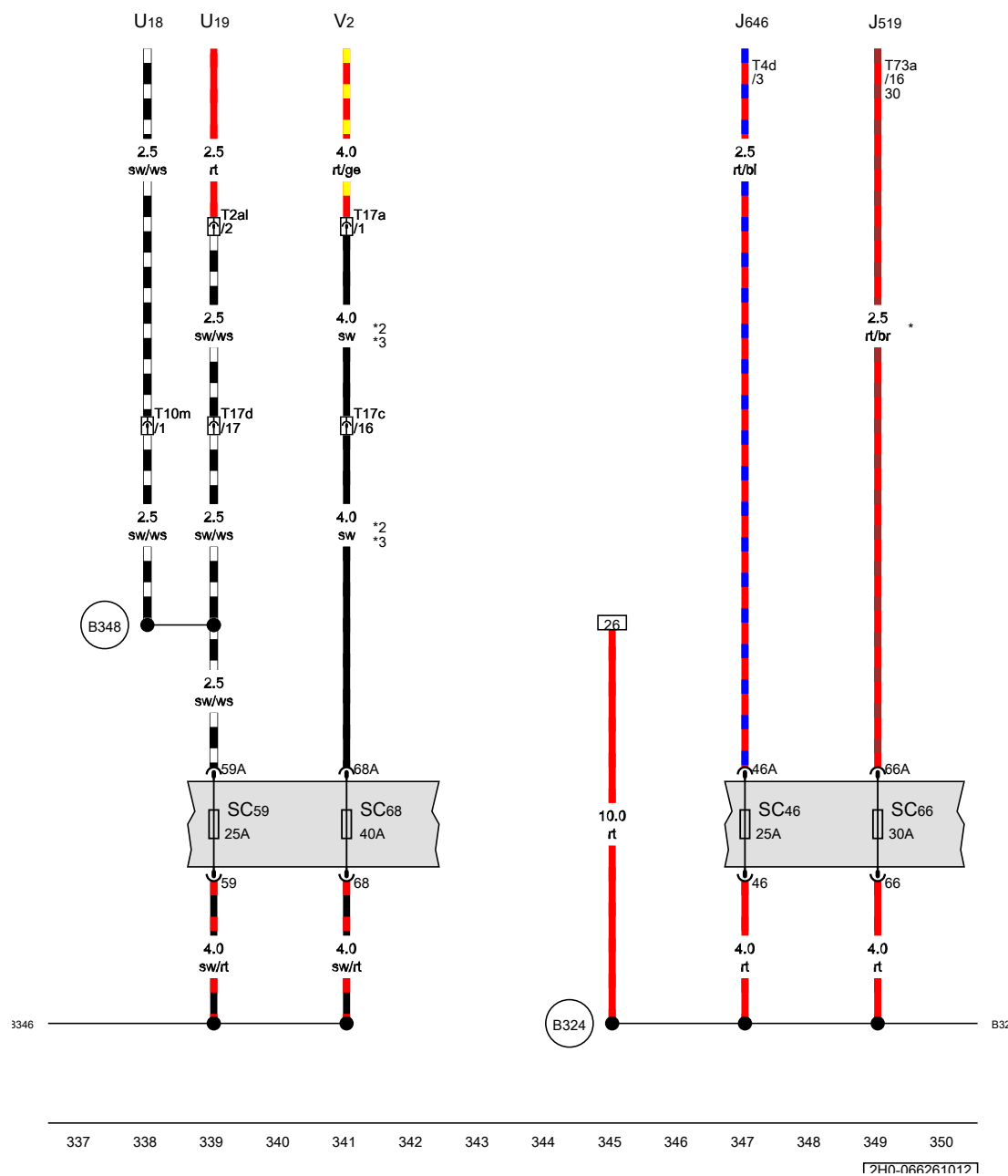
B539 Connection 30, in main wiring harness

B557 Positive connection 21 (30a) in main wiring harness

C72 Positive connection in heated washer jet wiring harness

* Only models with electric interface for external use

*2 Only models with fog lights



Fuse 46 on fuse holder C, Fuse 59 on fuse holder C, Fuse 66 on fuse holder C, Fuse 68 on fuse holder C

- J519 Onboard supply control unit
- J646 Transfer box control unit
- SC46 Fuse 46 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- SC66 Fuse 66 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing, black
- T4d 4-pin connector
- T10m 10-pin connector, near handbrake lever, brown
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, black
- T17d 17-pin connector, on left under dash panel, red
- T73a 73-pin connector, black
- U18 12 V socket 2, in centre of dash panel, in storage compartment
- U19 12 V socket 3, in rear left wheel housing
- V2 Fresh air blower

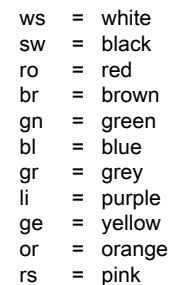
B324 Positive connection 10 (30a) in main wiring harness

B346 Connection 1 (75), in main wiring harness

B348 Connection 1 (75a), in main wiring harness

- * Only models with central locking
- *2 see applicable current flow diagram for manually controlled heater
- *3 Only models with no Climatronic

ws = white
sw = black
ro = red
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gn = green
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E595	Steering column combination switch
G24	Tachograph
G213	Rain sensor
G273	Interior monitoring sensor
G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J285	Control unit in dash panel insert
J738	Telephone controls control unit
K	Dash panel insert
SC45	Fuse 45 on fuse holder C
T3aa	3-pin connector, black
T4bc	4-pin connector, brown
T12f	12-pin connector, near handbrake lever, black
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T17f	17-pin connector, near handbrake lever, blue
T32	32-pin connector, blue
T41	41-pin connector, grey
T54	54-pin connector
U31	Diagnostic connection
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness
*	Only models with Climatronic

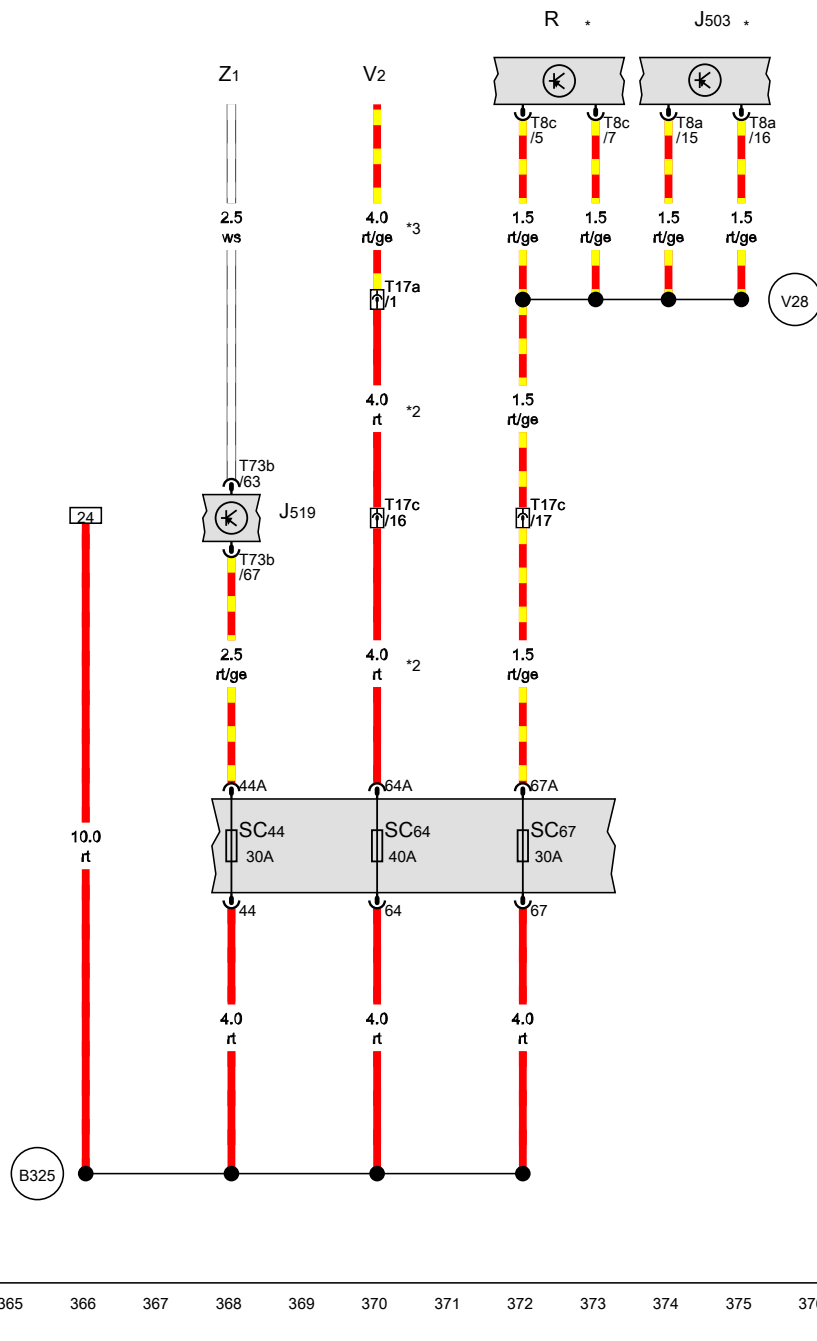
Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- R Radio
- SC44 Fuse 44 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T8c 8-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, black
- T73b 73-pin connector, colourless
- V2 Fresh air blower
- Z1 Heated rear window

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

V28 Connection 1, in radio wiring harness

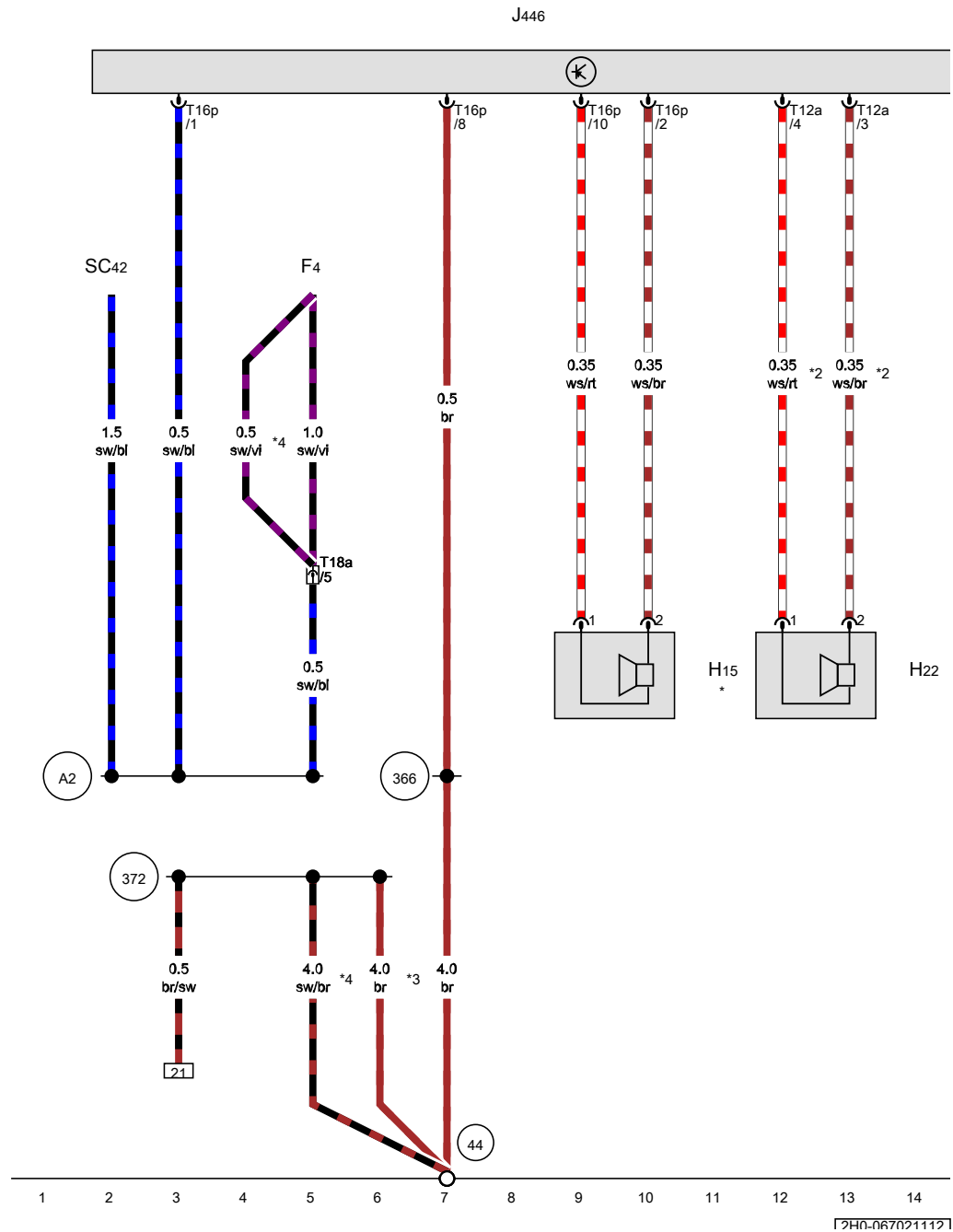
- * According to equipment
- *2 Only models with Climatronic
- *3 see applicable current flow diagram



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

Parking aid (PDC)

From June 2012



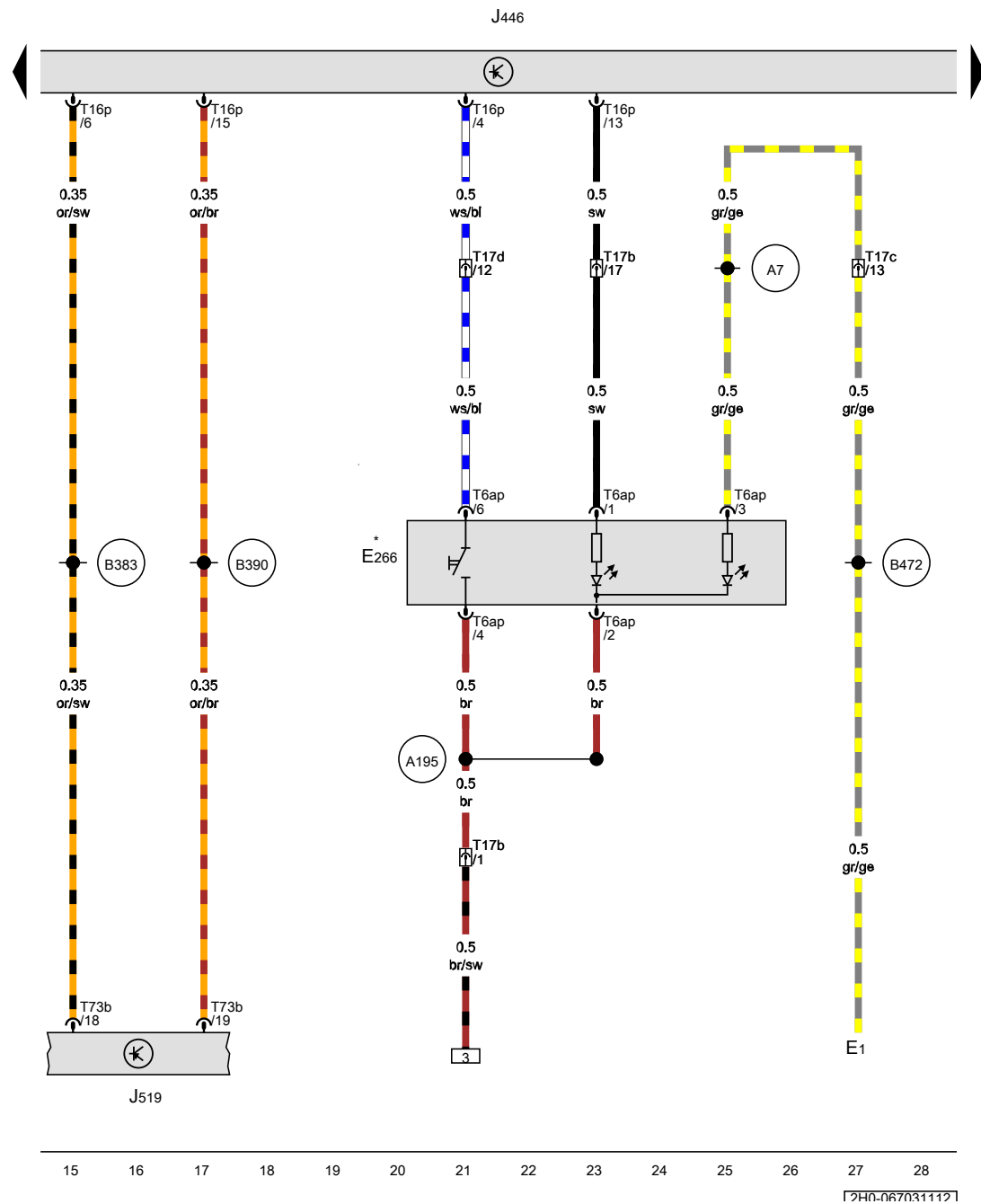
Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit

F4	Reversing light switch
H15	Rear parking aid warning buzzer, behind right C-pillar trim
H22	Front parking aid warning buzzer, on relay carrier
J446	Parking aid control unit, lower part of A-pillar, front passenger side
SC42	Fuse 42 on fuse holder C
T12a	12-pin connector, brown
T16p	16-pin connector, brown
T18a	18-pin connector, near engine control unit, grey

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness

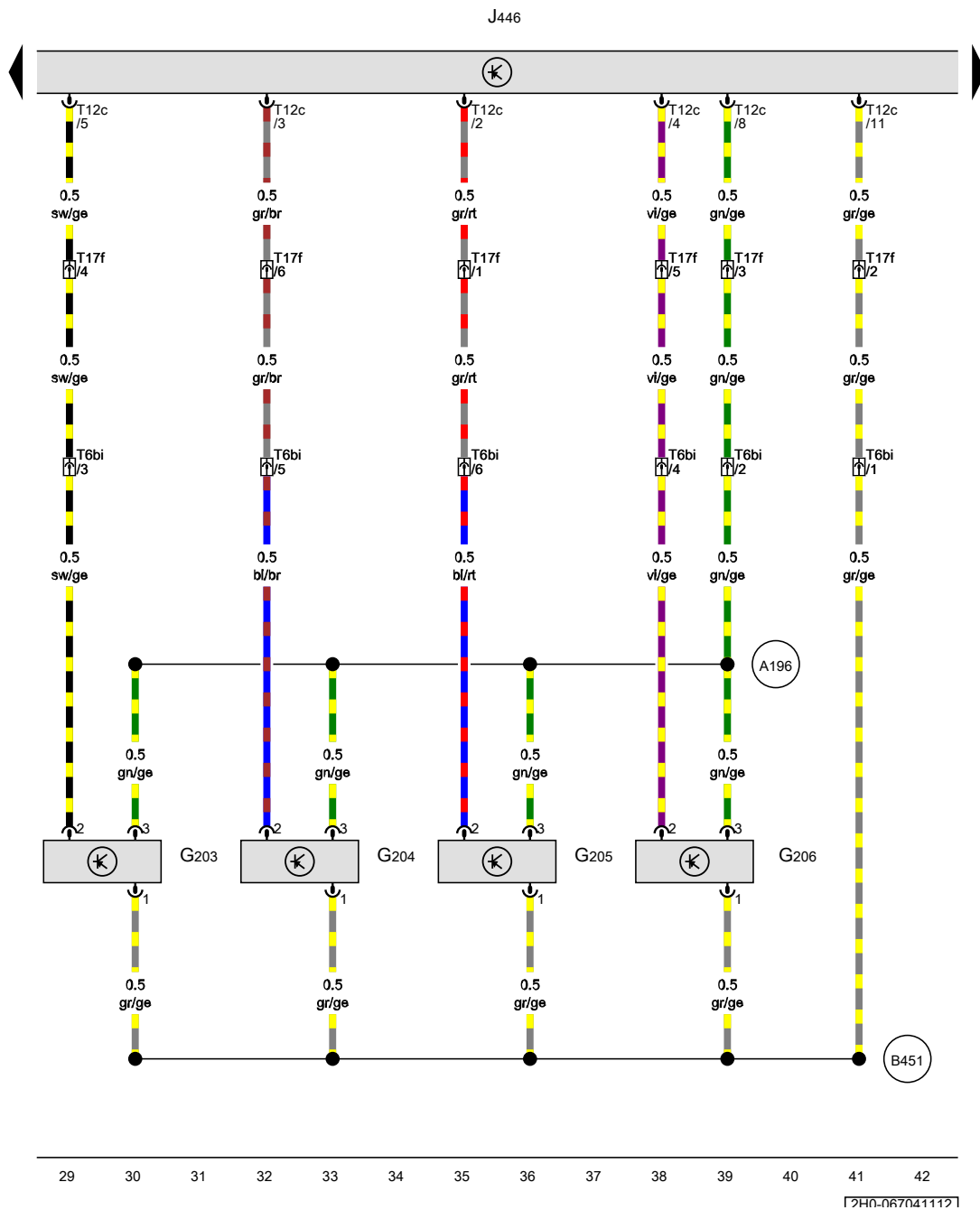
- * Only models with double cab
- *2 Only models with parking aid, front/rear
- *3 Up to January 2013
- *4 From February 2013

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



Parking aid button, Parking aid control unit

- E1 Light switch
- E266 Parking aid button
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- J519 Onboard supply control unit
- T6ap 6-pin connector
- T16p 16-pin connector, brown
- T17b 17-pin connector, on left under dash panel, brown
- T17c 17-pin connector, on left under dash panel
- T17d 17-pin connector, on left under dash panel
- T73b 73-pin connector
- A7 Positive connection (58 D1), in dash panel wiring harness
- A195 Connection 1 (PDC), in dash panel insert wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B472 Connection 8, in main wiring harness
- * Only models with parking aid, front/rear



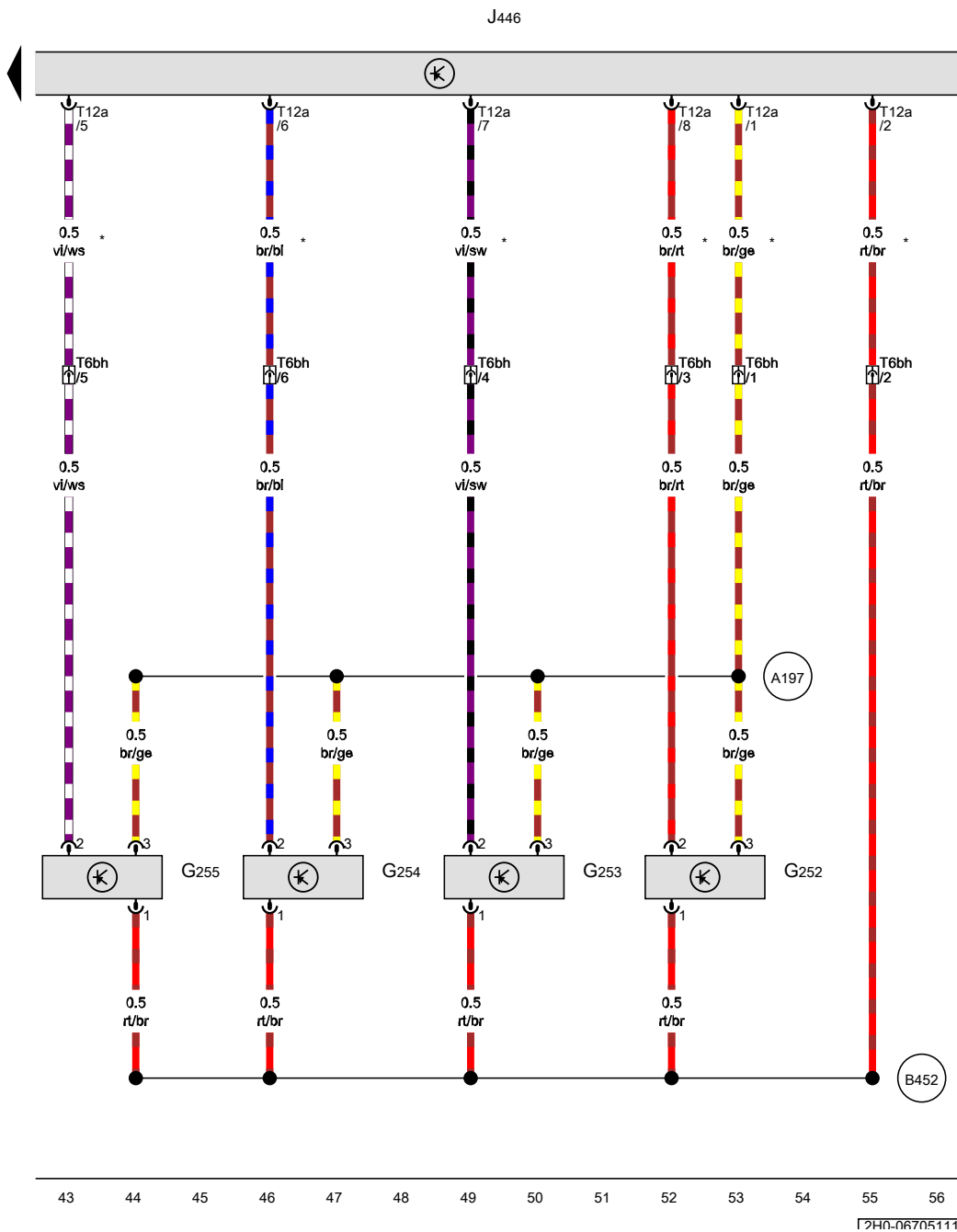
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- T6bi 6-pin connector, under rear bumper on left, black
- T12c 12-pin connector, brown
- T17f 17-pin connector, near handbrake lever, blue

A196 Connection 2 (PDC), in dash panel insert wiring harness

B451 Connection 2 (PDC), in main wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = 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, 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
- J446 Parking aid control unit, lower part of A-pillar, front passenger side
- T6bh 6-pin connector, behind front bumper on left, black
- T12a 12-pin connector, brown
- A197 Connection 3 (PDC), in dash panel insert wiring harness
- B452 Connection 3 (PDC), in main wiring harness
- * Only models with parking aid, front/rear

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

2.0l diesel engine , CDBA

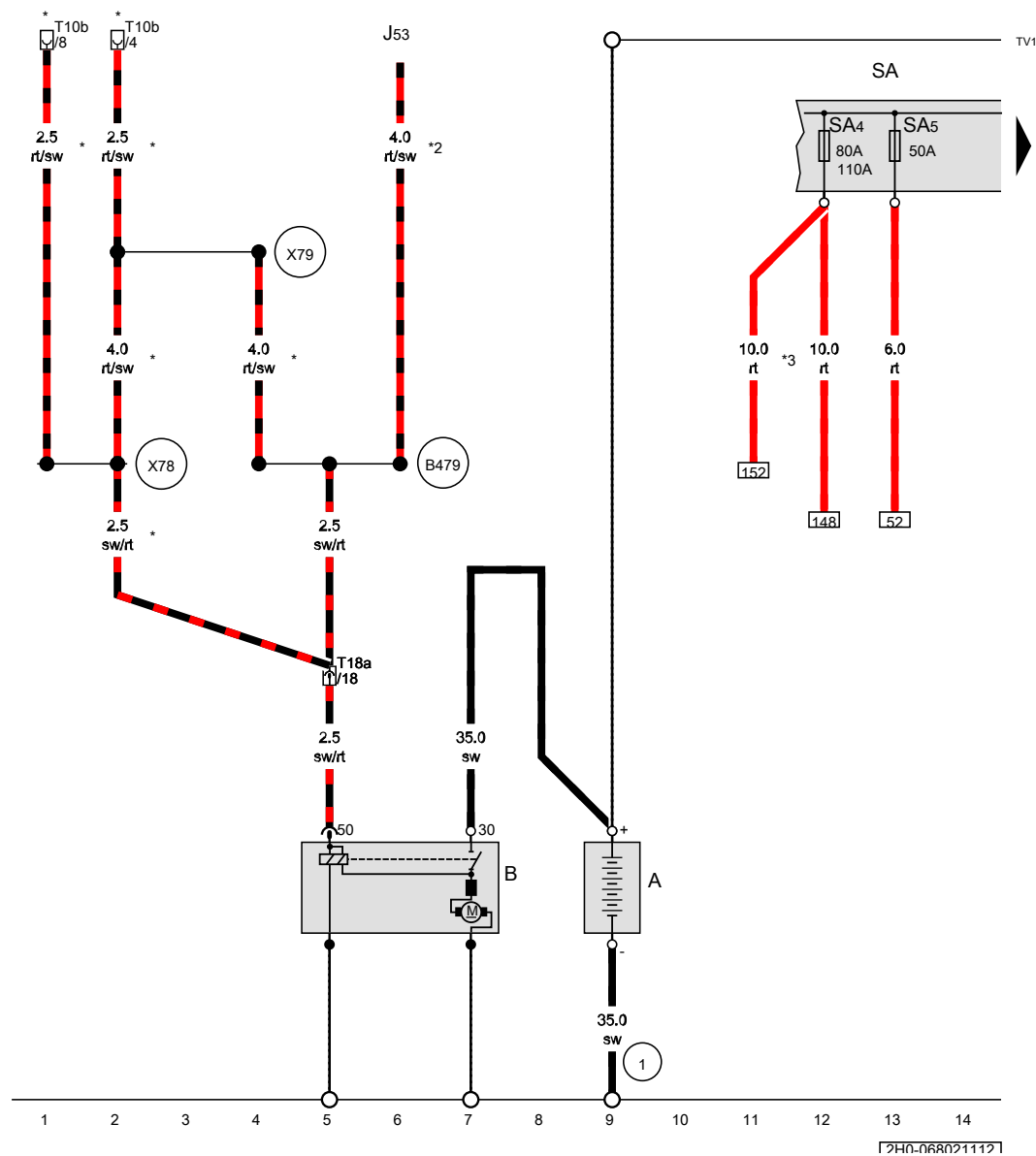
From June 2012

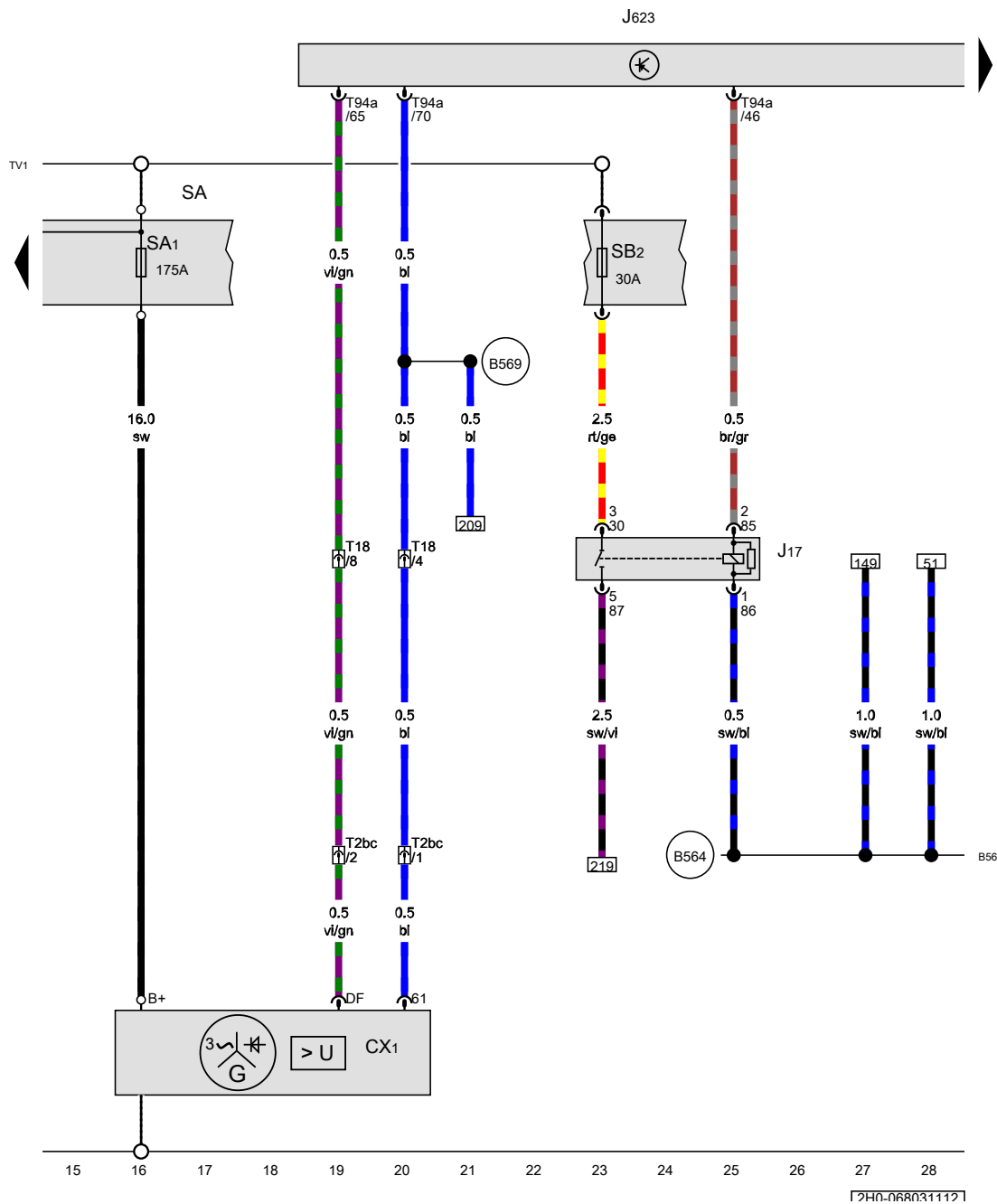
Battery, Starter, Starter motor relay, Fuse 5 in fuse holder A

- A Battery
- B Starter
- J53 Starter motor relay
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- B479 Connection 15, in main wiring harness
- X78 Connection 1, in optional equipment wiring harness
- X79 Connection 2, in optional equipment wiring harness

- * Only models with electric interface for external use
- *2 see applicable current flow diagram for fuse assignment
- *3 Only for countries with hot climate



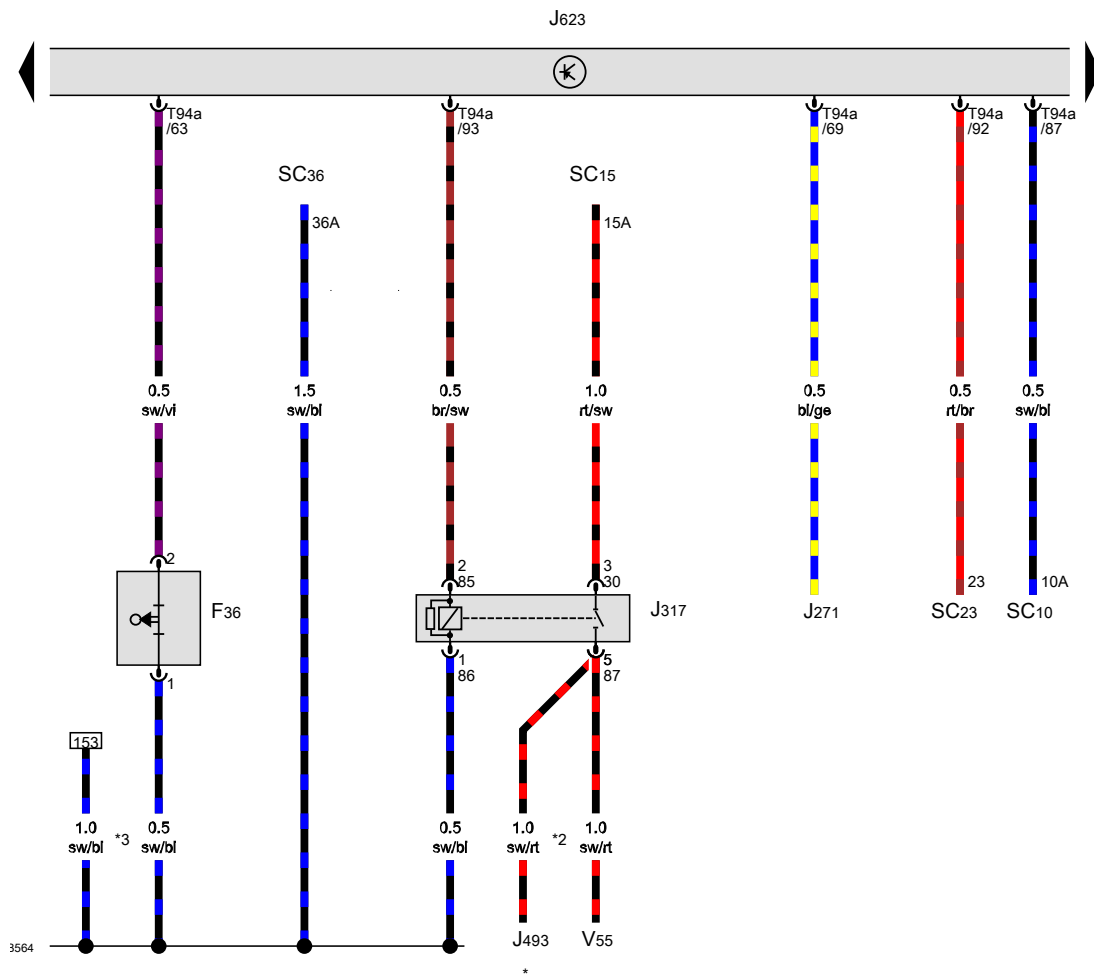


Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- T2bc 2-pin connector, near alternator, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness



Main relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

- F36 Clutch pedal switch
- J271 Main relay, on relay carrier
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T5e 5-pin connector
- T94a 94-pin connector, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Only models with Climatronic
- *3 Only for countries with hot climate

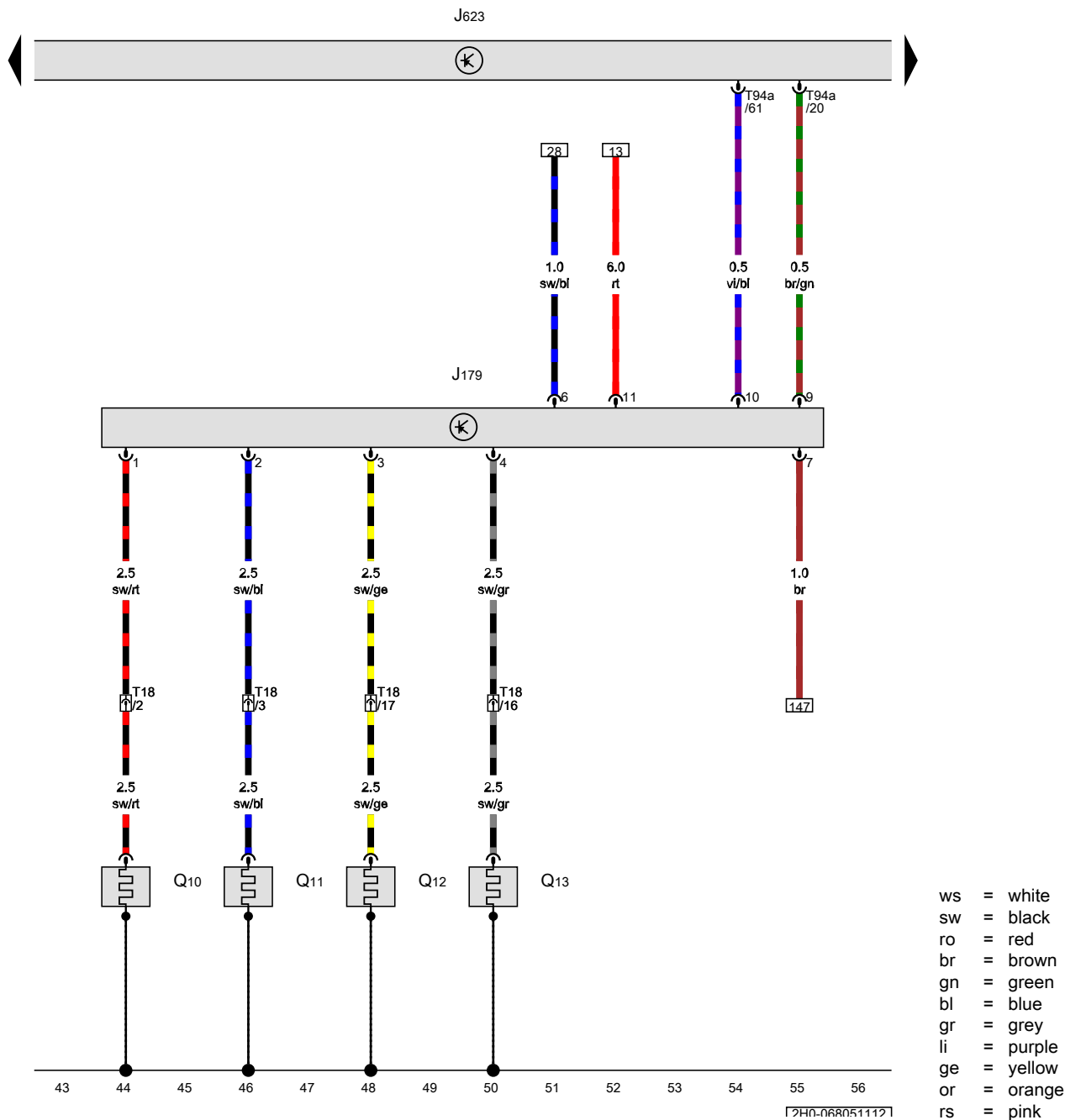
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 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

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

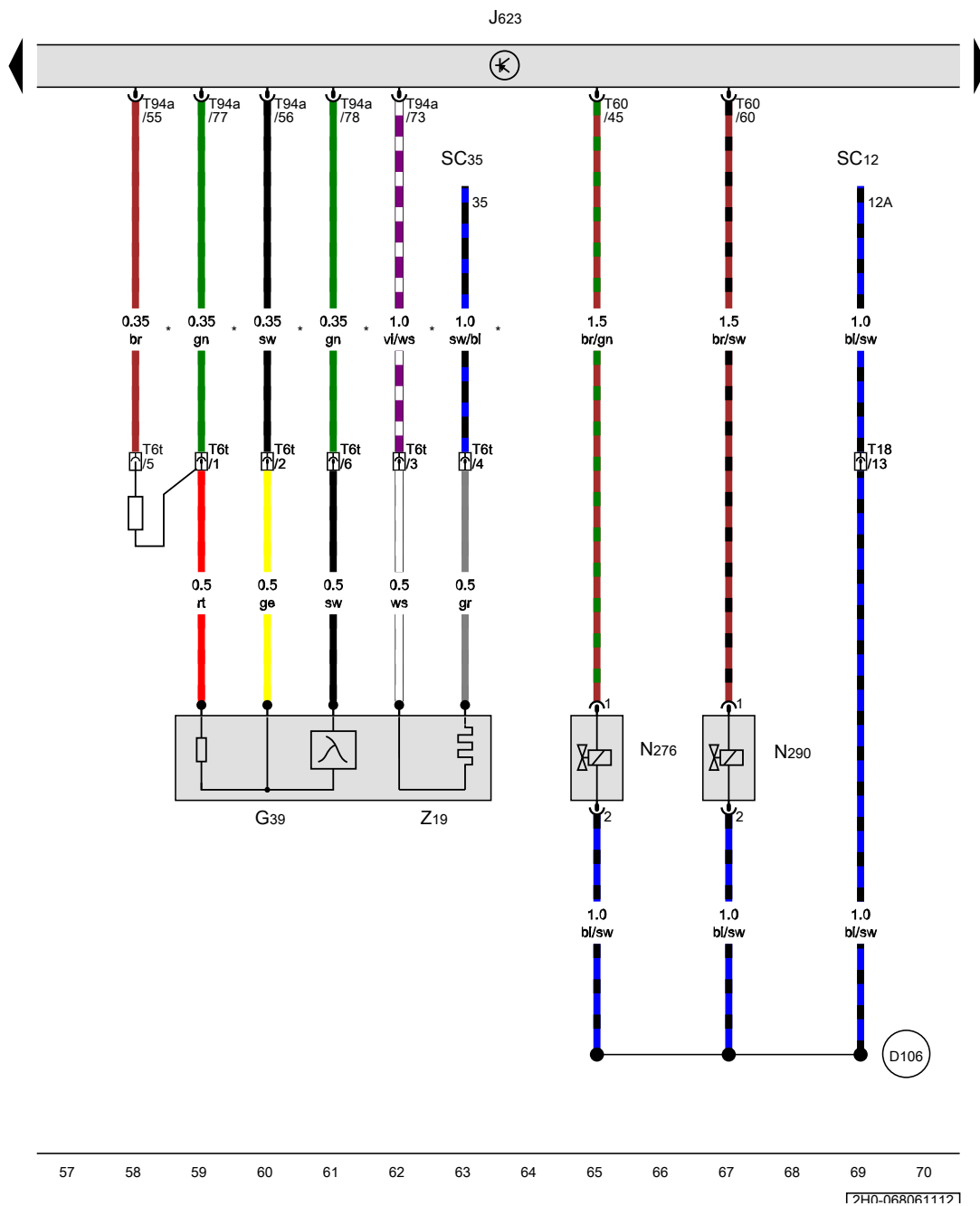
17H0-068041117

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black



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



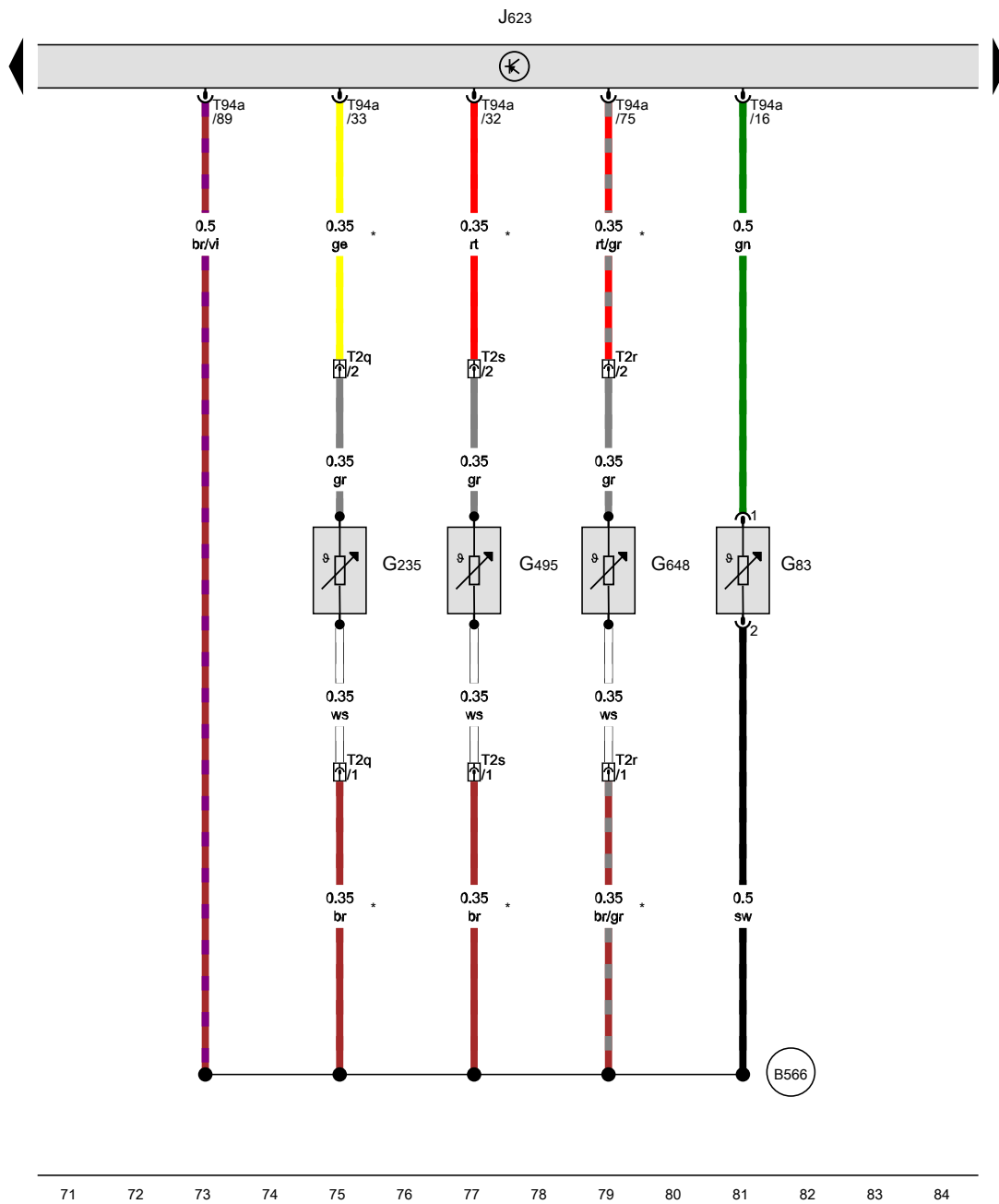
Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

- G39 Lambda probe
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC12 Fuse 12 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater

D106 Connection 4 in engine compartment wiring harness

* Only models with Euro 5 emission standard

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



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

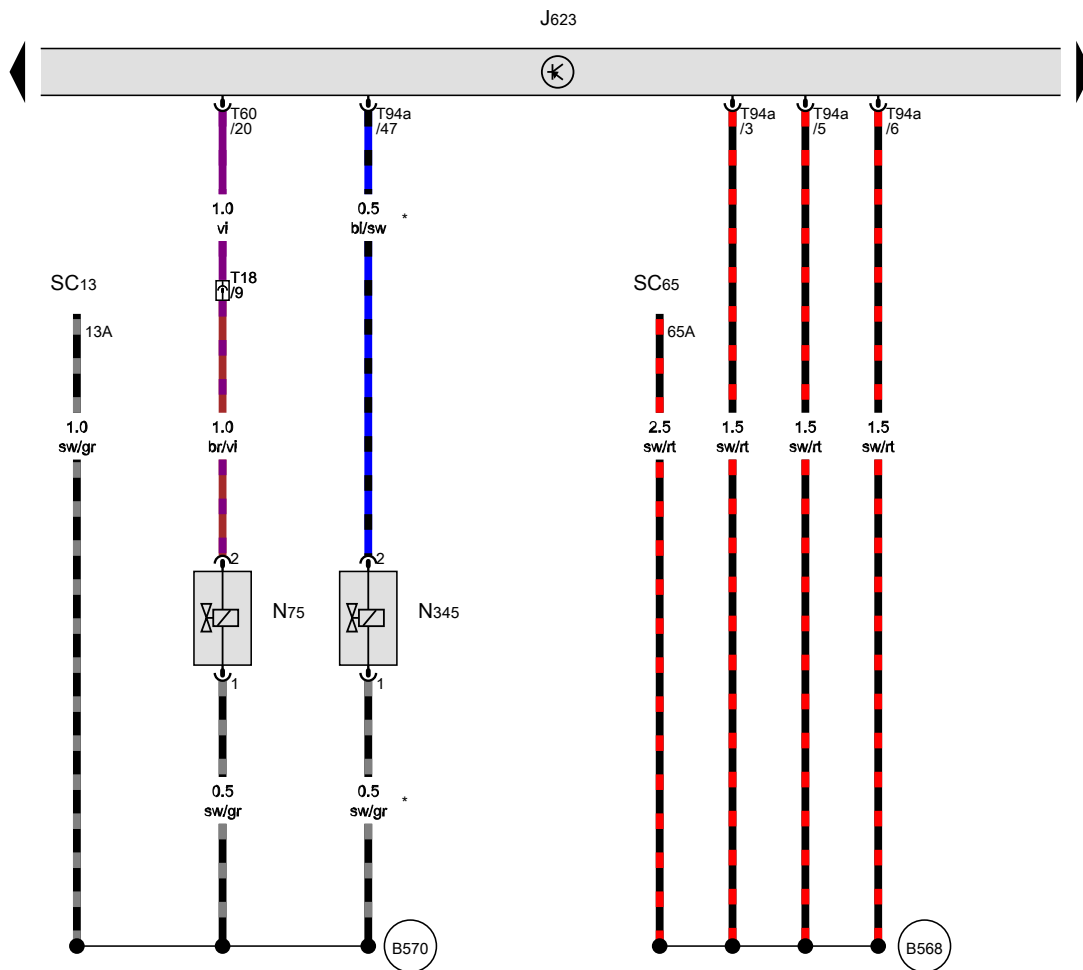
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2q 2-pin connector, in front right wheel housing, black
- T2r 2-pin connector, in front right wheel housing, orange
- T2s 2-pin connector, in front right wheel housing, brown
- T94a 94-pin connector, black

 Connection 33, in main wiring harness

* Only models with Euro 5 emission standard

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

[74H0-068071112]



Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 65 on fuse holder C

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC13 Fuse 13 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

(B568) Connection 35, in main wiring harness

(B570) Connection 37, in main wiring harness

* Only models with Euro 5 emission standard

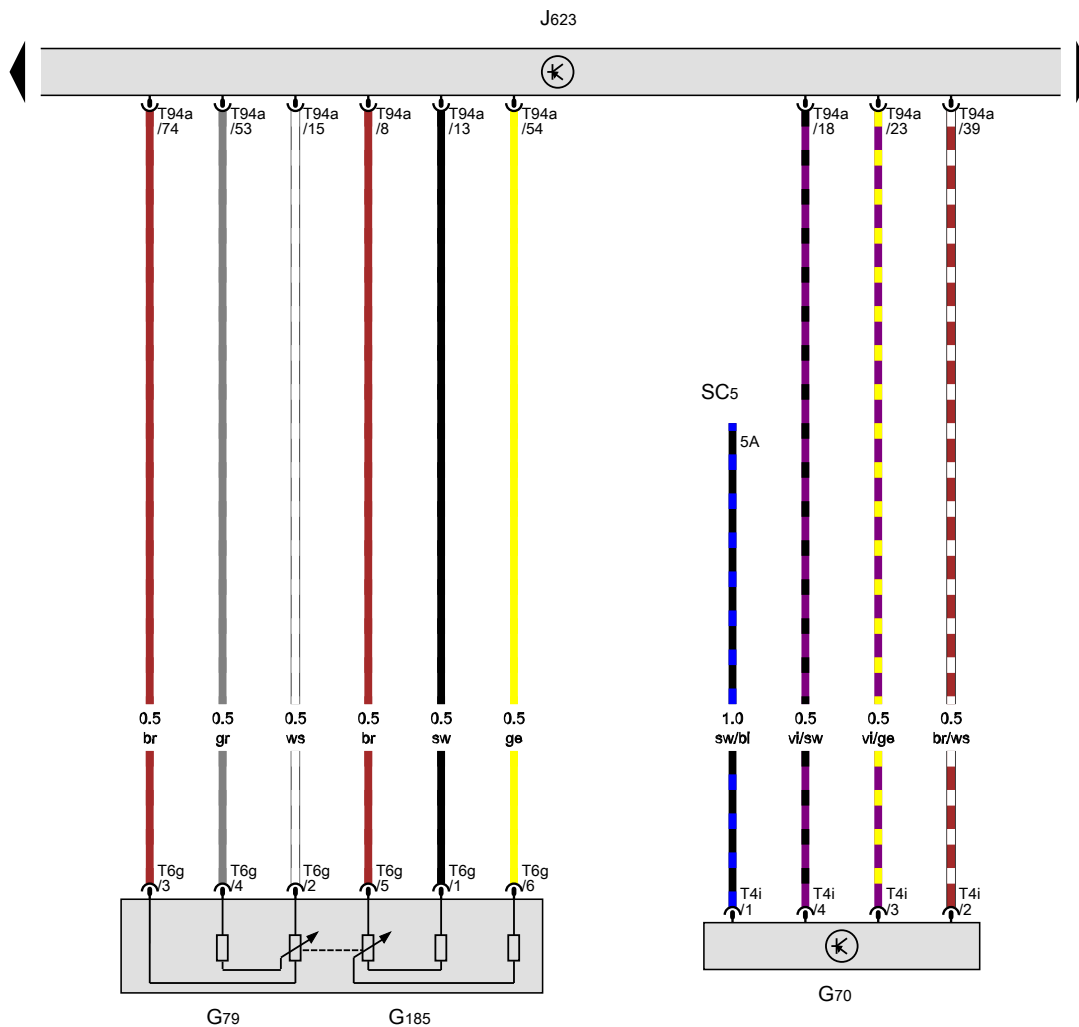
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

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

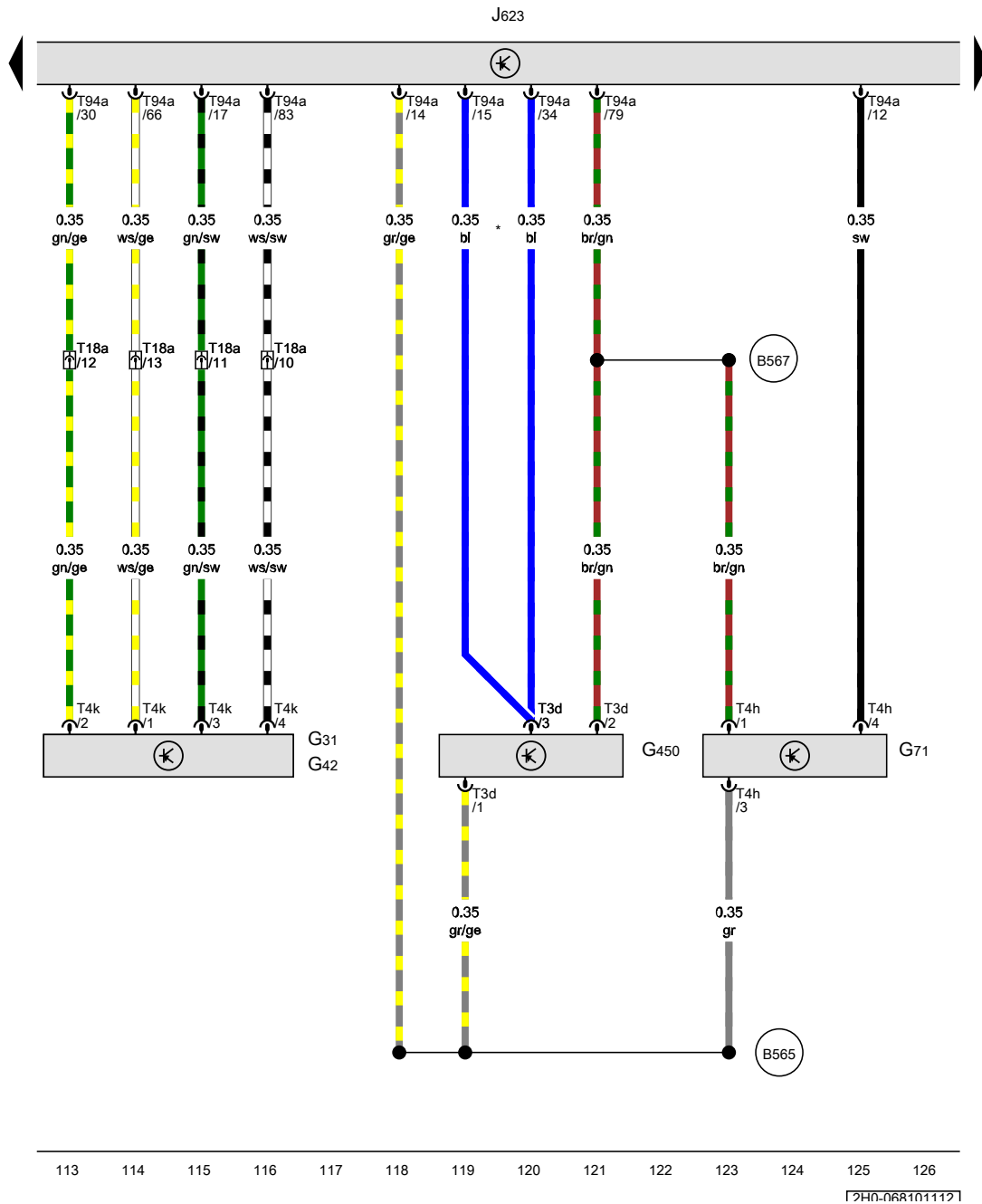
[240-068081112]

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T6g 6-pin connector, black
- T94a 94-pin connector, black



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



Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

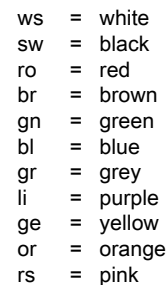
G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
T3d	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black

(B565) Connection 32, in main wiring harness

(B567) Connection 34, in main wiring harness

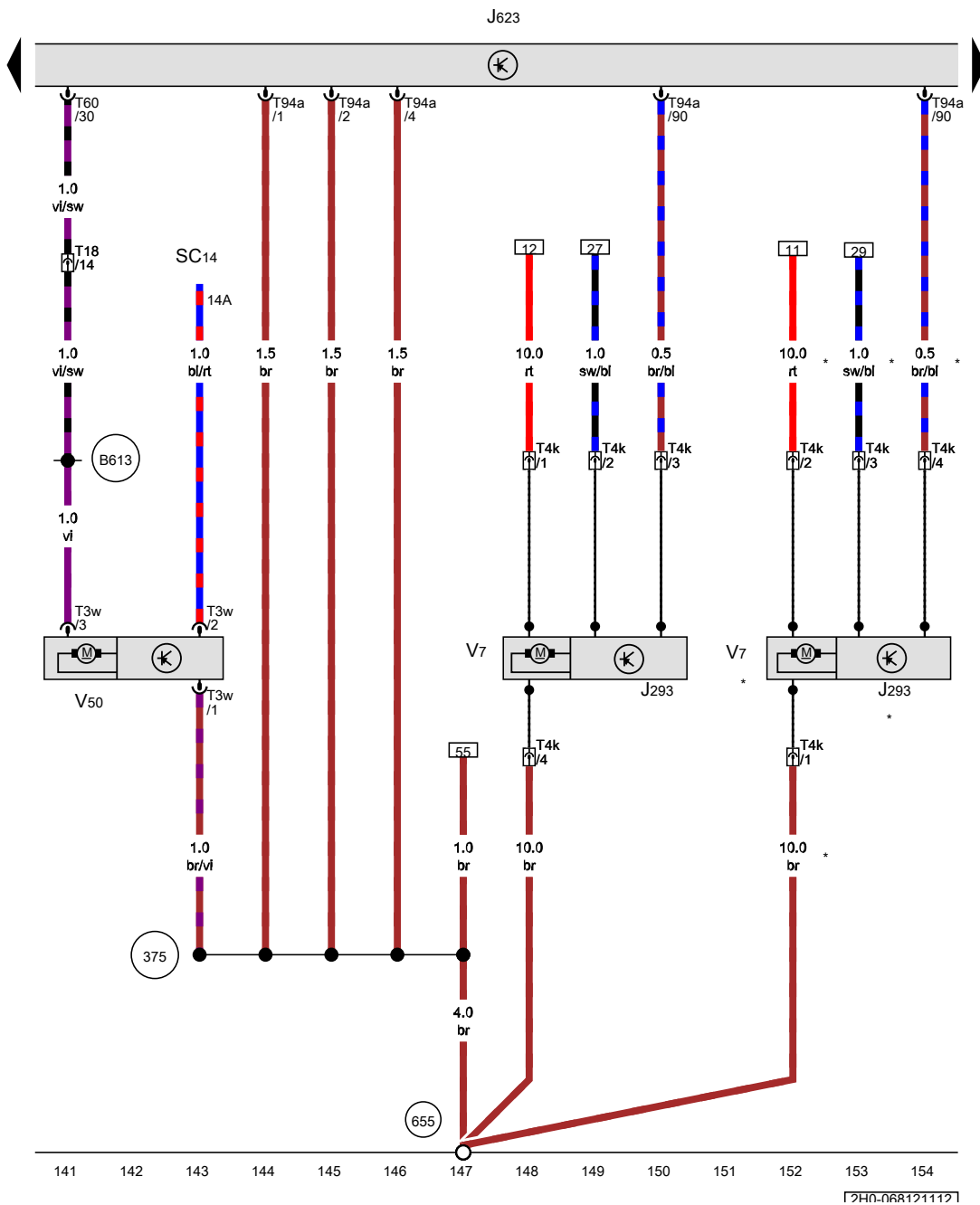
* Only models with Euro 3 emission standard

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



F	Brake light switch
J104	ABS control unit
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T94a	94-pin connector, black

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness



Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector, black
- T4k 4-pin connector, on radiator cowling, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump

375 Earth connection 10, in main wiring harness

655 Earth point, on left headlight

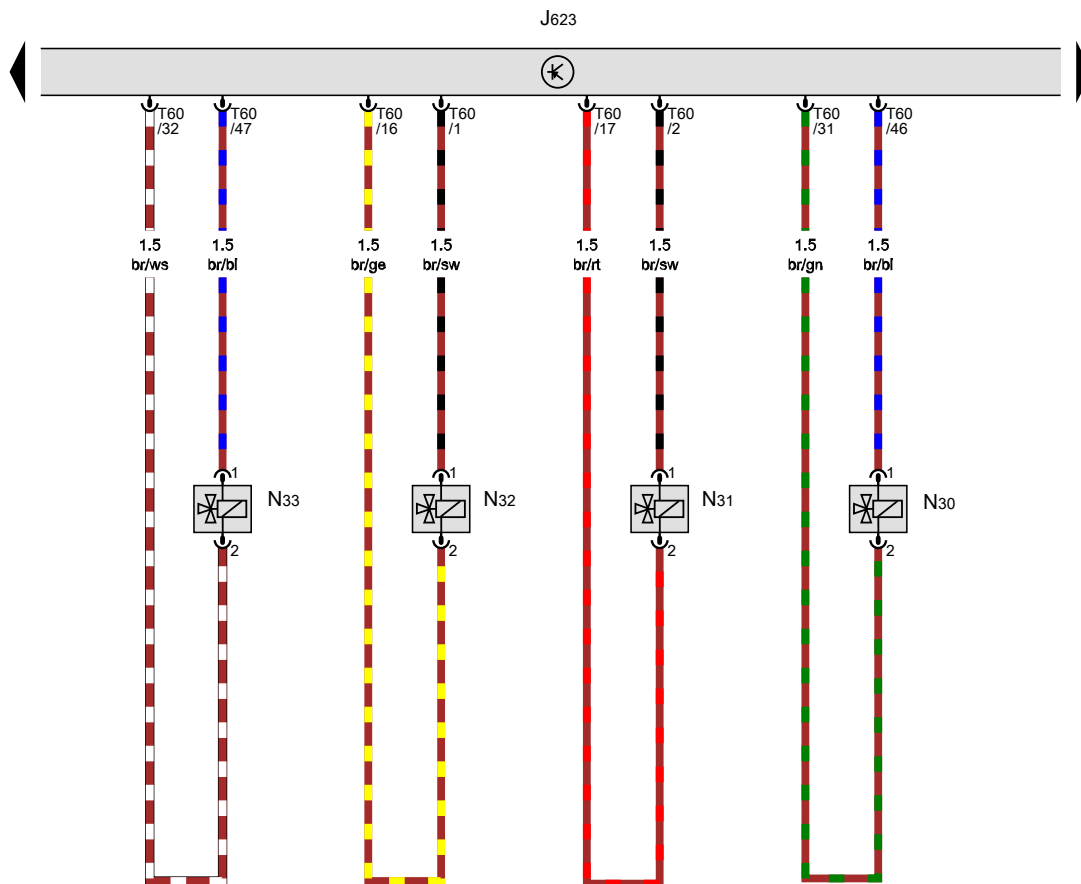
B613 Connection 41, in main wiring harness

* Only for countries with hot climate

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

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

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

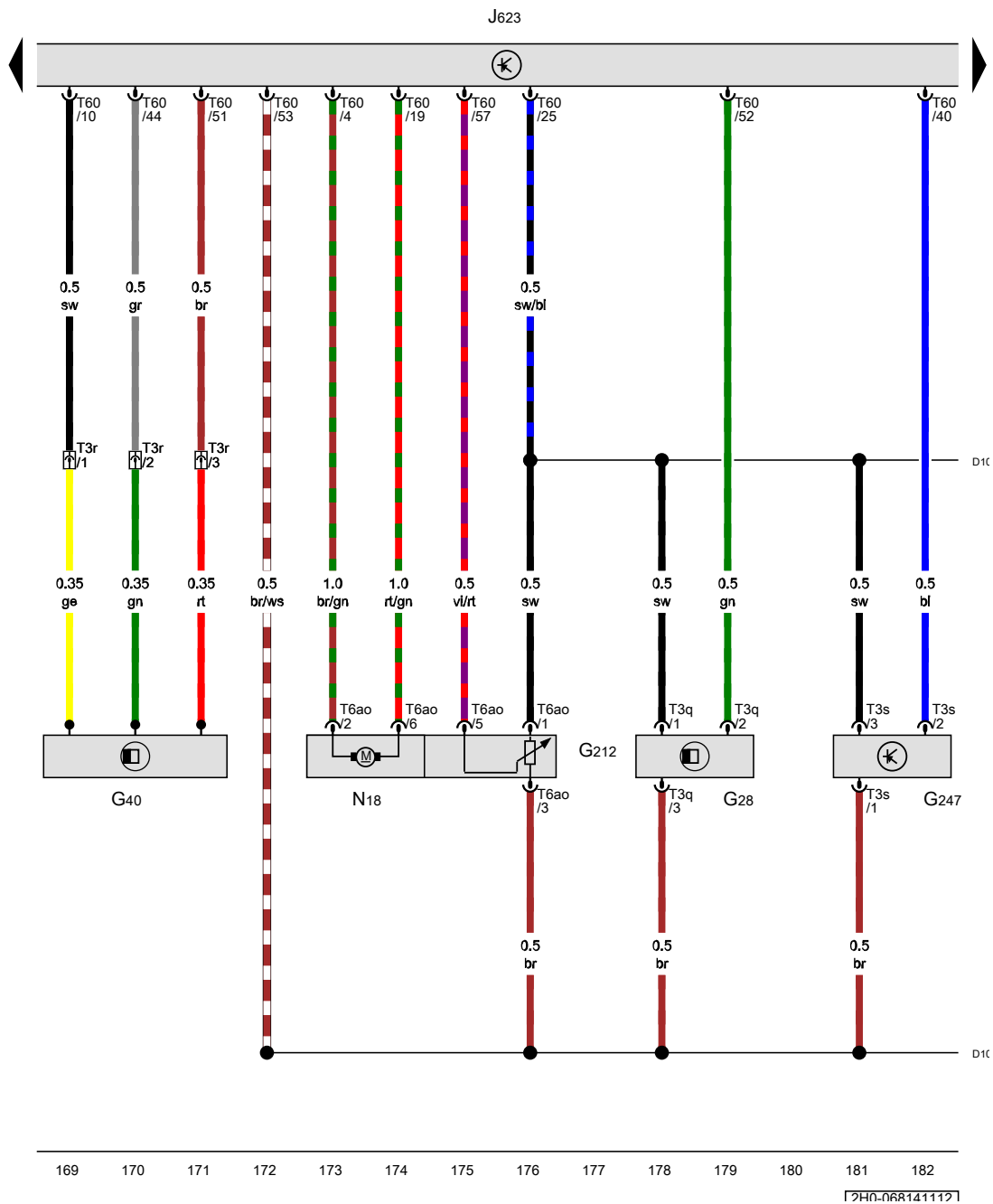


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

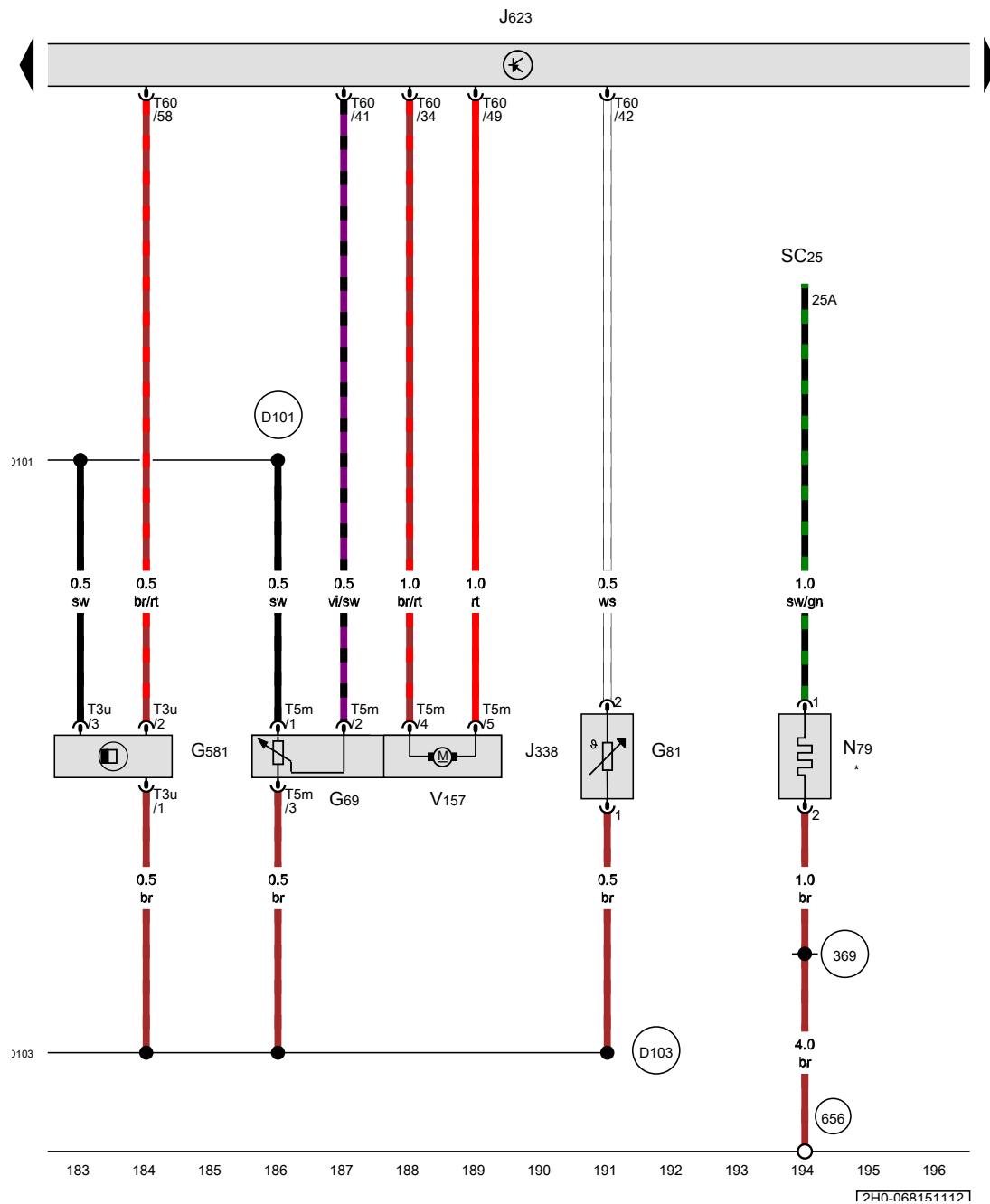
155 156 157 158 159 160 161 162 163 164 165 166 167 168

[240-068131112]

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve



- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector
- T6ao 6-pin connector
- T60 60-pin connector, black
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness



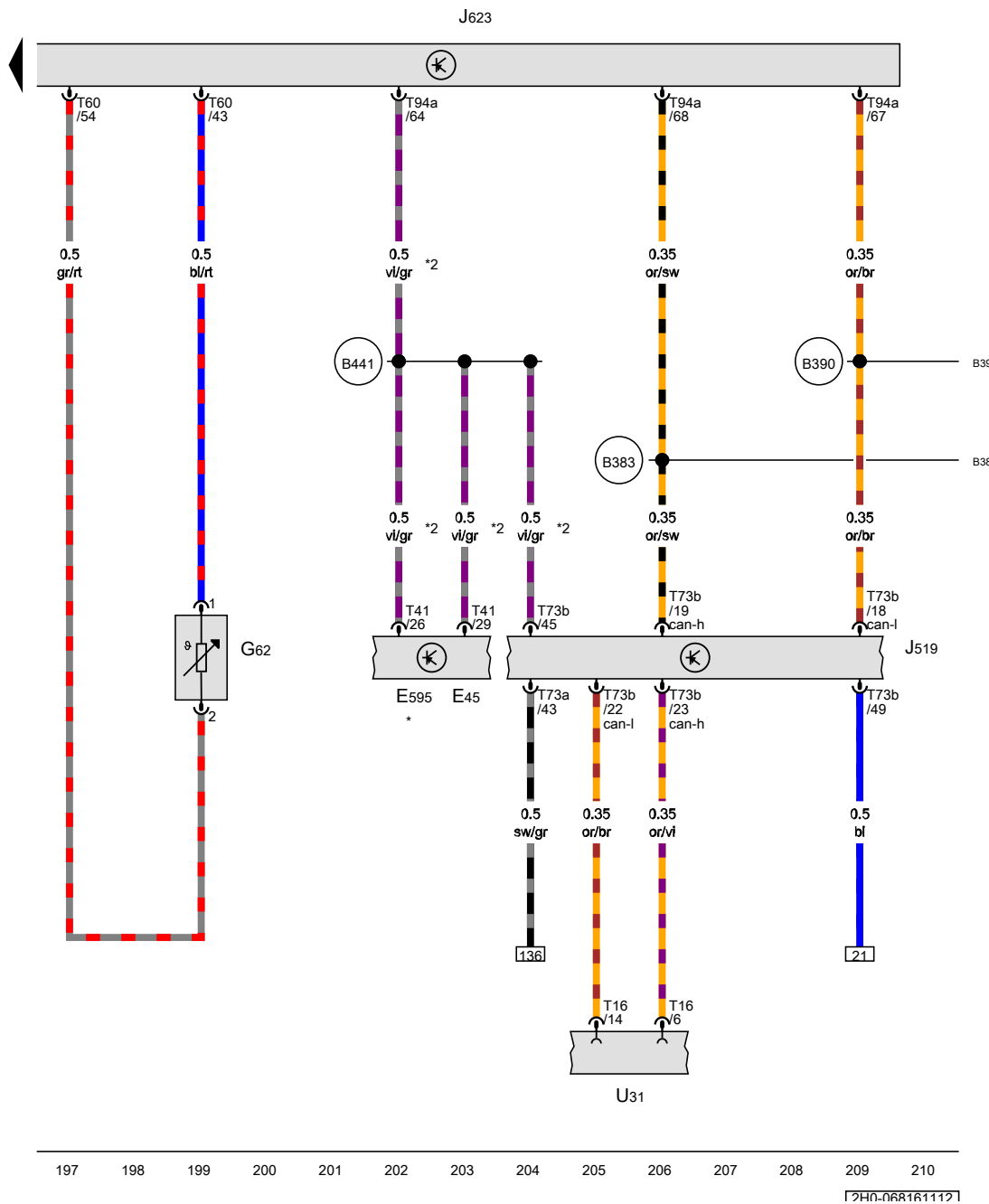
Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine control unit
- N79 Heater element for crankcase breather
- SC25 Fuse 25 on fuse holder C
- T3u 3-pin connector
- T5m 5-pin connector
- T60 60-pin connector, black
- V157 Intake manifold flap motor

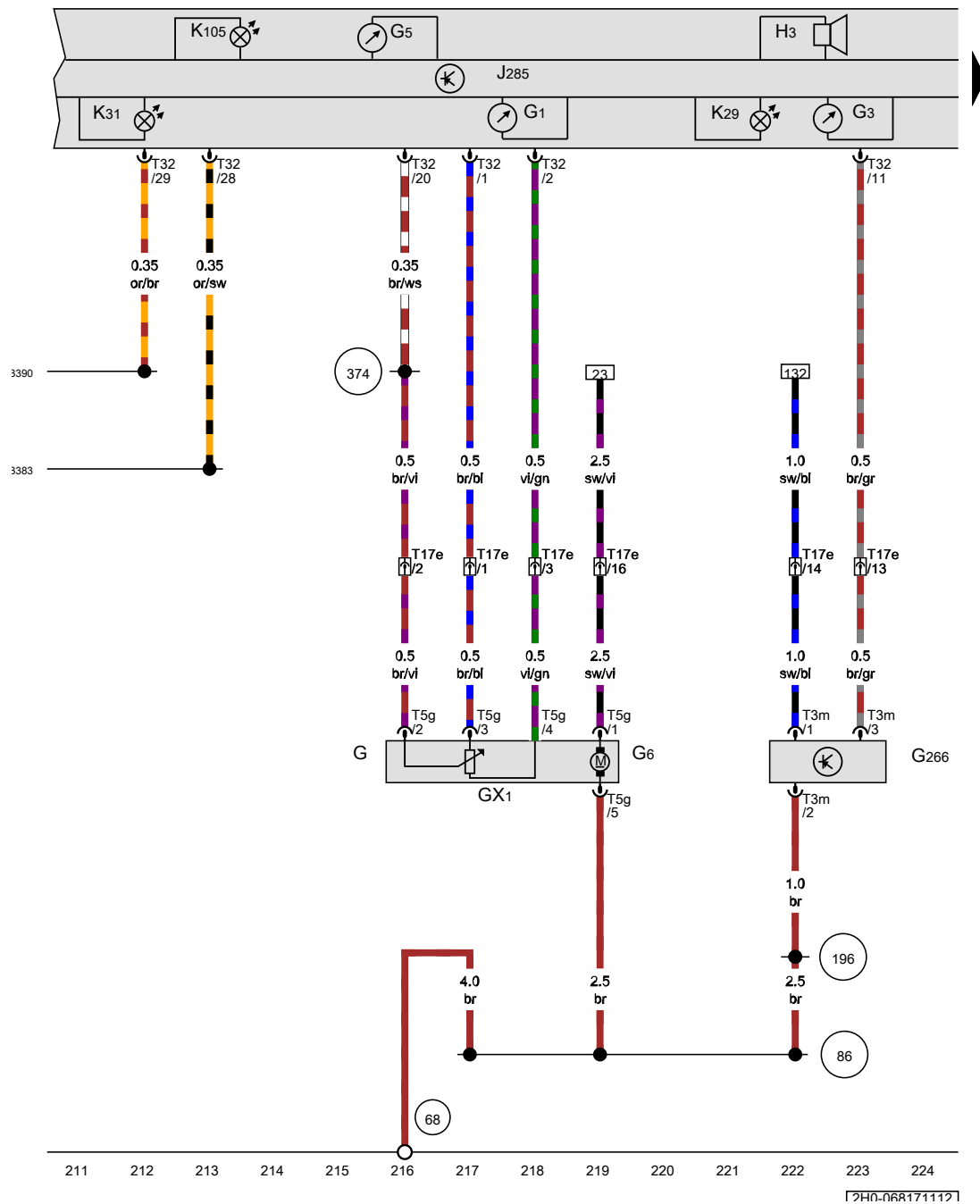
- 369 Earth connection 4, in main wiring harness
- 656 Earth point, on right headlight
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * Only models with crankcase breather heater element

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

Cruise control system switch, Steering column combination switch, Coolant temperature sender, Onboard supply control unit, Engine control unit



- E45 Cruise control system switch
- E595 Steering column combination switch
- G62 Coolant temperature sender
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector, black
- T41 41-pin connector, grey
- T60 60-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black
- 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
- B441 Connection (CCS), in main wiring harness
- * see applicable current flow diagram for basic equipment
- *2 Only models with cruise control system (CCS)

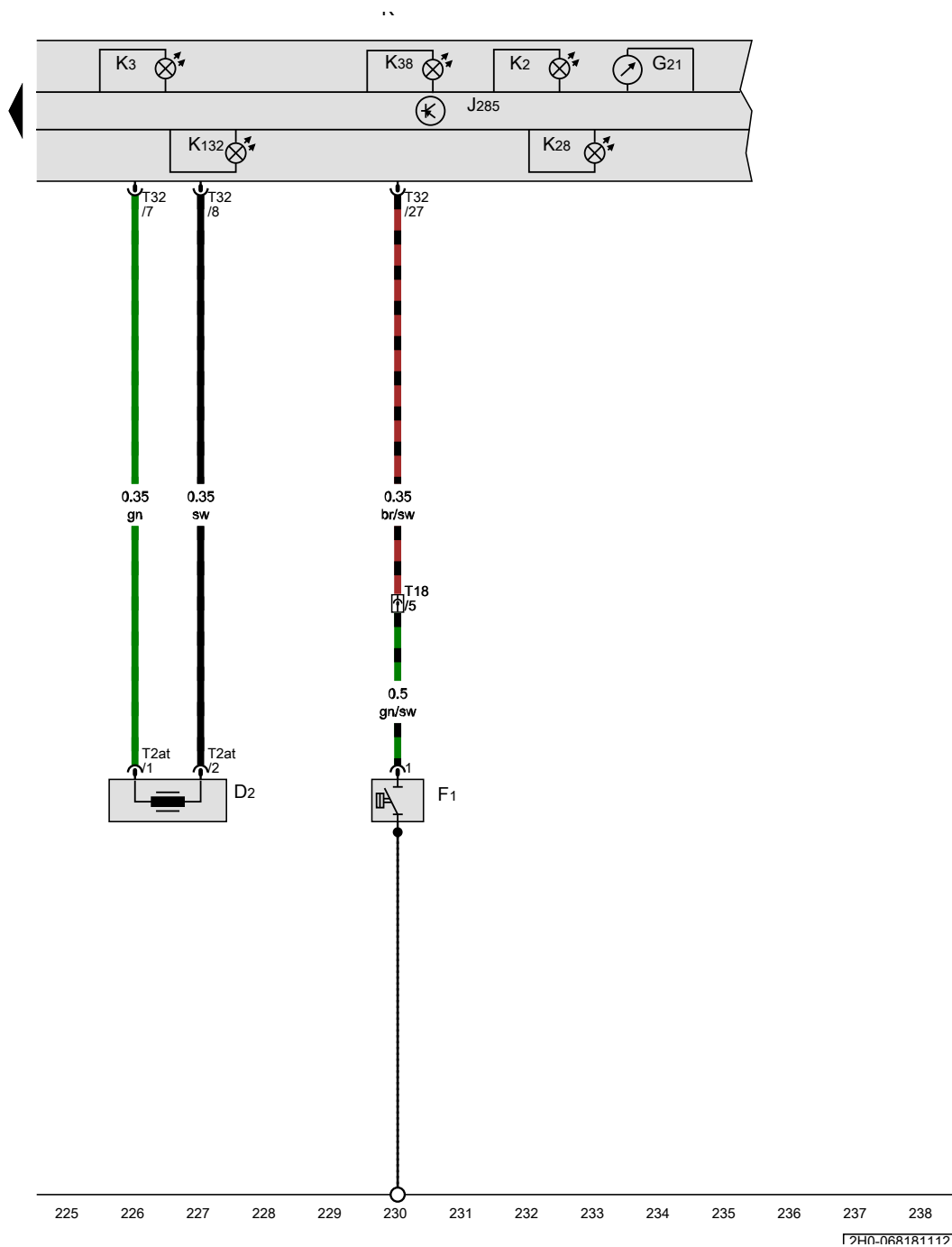


Fuel delivery unit, Oil level and oil temperature sender, Dash panel insert

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G266 Oil level and oil temperature sender
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T3m 3-pin connector
- T5g 5-pin connector
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

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



Immobiliser reader coil, Oil pressure switch, Dash panel insert

- D2 Immobiliser reader coil
- F1 Oil pressure switch
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K38 Oil level warning lamp
- K132 Electronic power control fault lamp
- T2at 2-pin connector, orange
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector

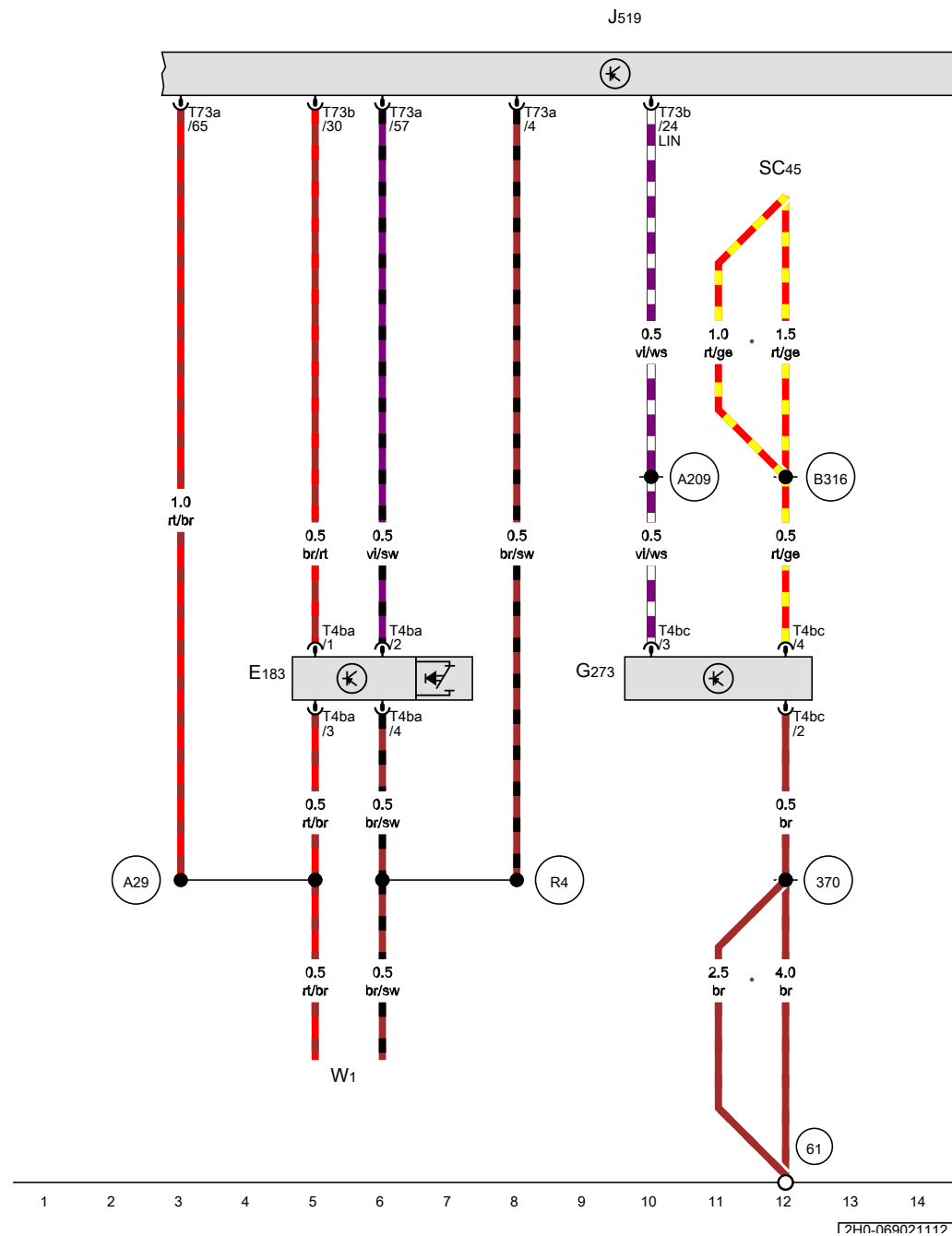
Anti-theft alarm system

From June 2012

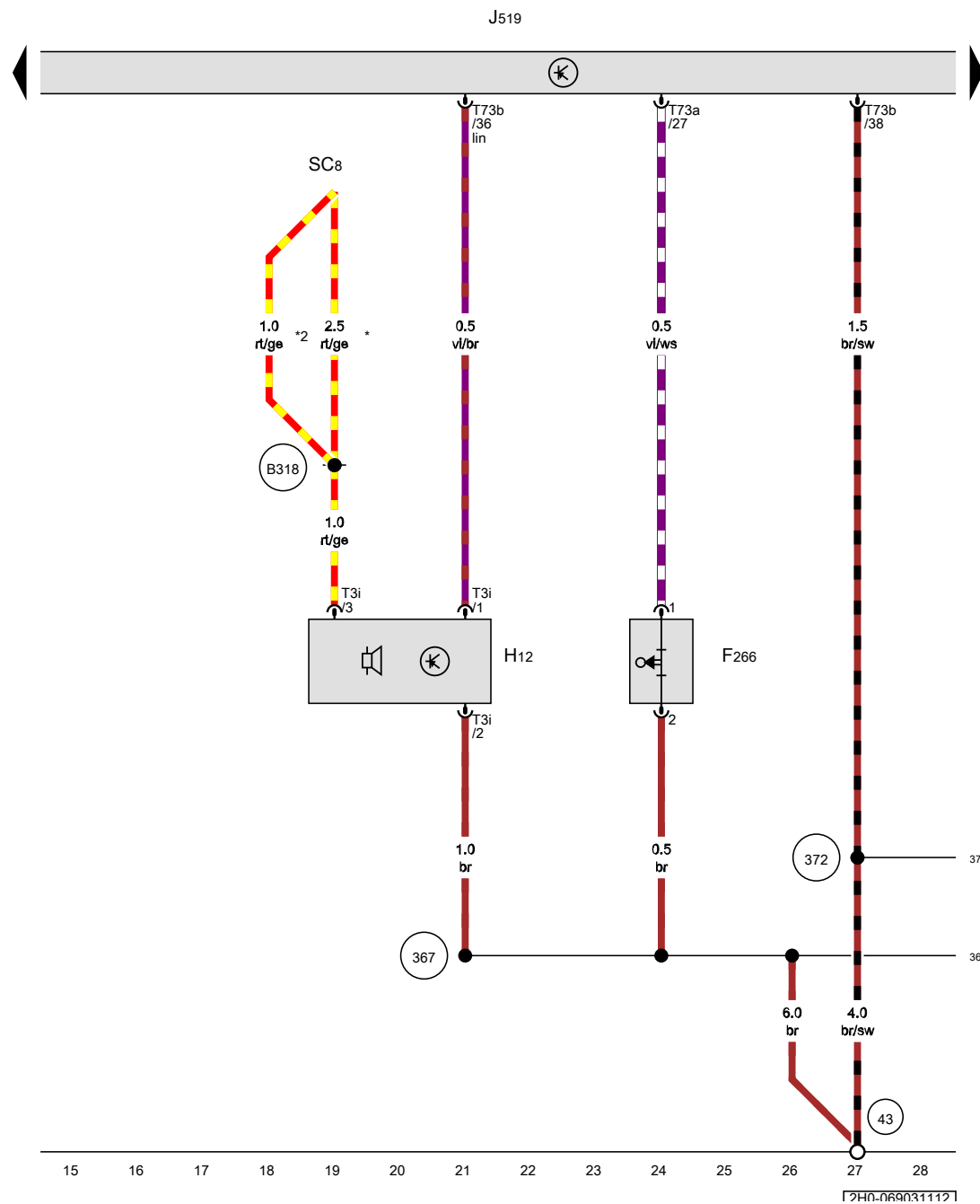
Interior monitoring switch, Interior monitoring sensor,
Onboard supply control unit

- E183 Interior monitoring switch
- G273 Interior monitoring sensor
- J519 Onboard supply control unit, near driver side A-pillar
- SC45 Fuse 45 on fuse holder C
- T4ba 4-pin connector, black
- T4bc 4-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- W1 Front interior light

- 61 Earth point, left C-pillar
- 370 Earth connection 5, in main wiring harness
- A29 Connection (interior light), in dash panel wiring harness
- A209 Connection 1 (LIN bus) in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- R4 Connection 1, in interior light/door contact switch wiring harness
- * From February 2013



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



Bonnet contact switch, Alarm horn, Onboard supply control unit

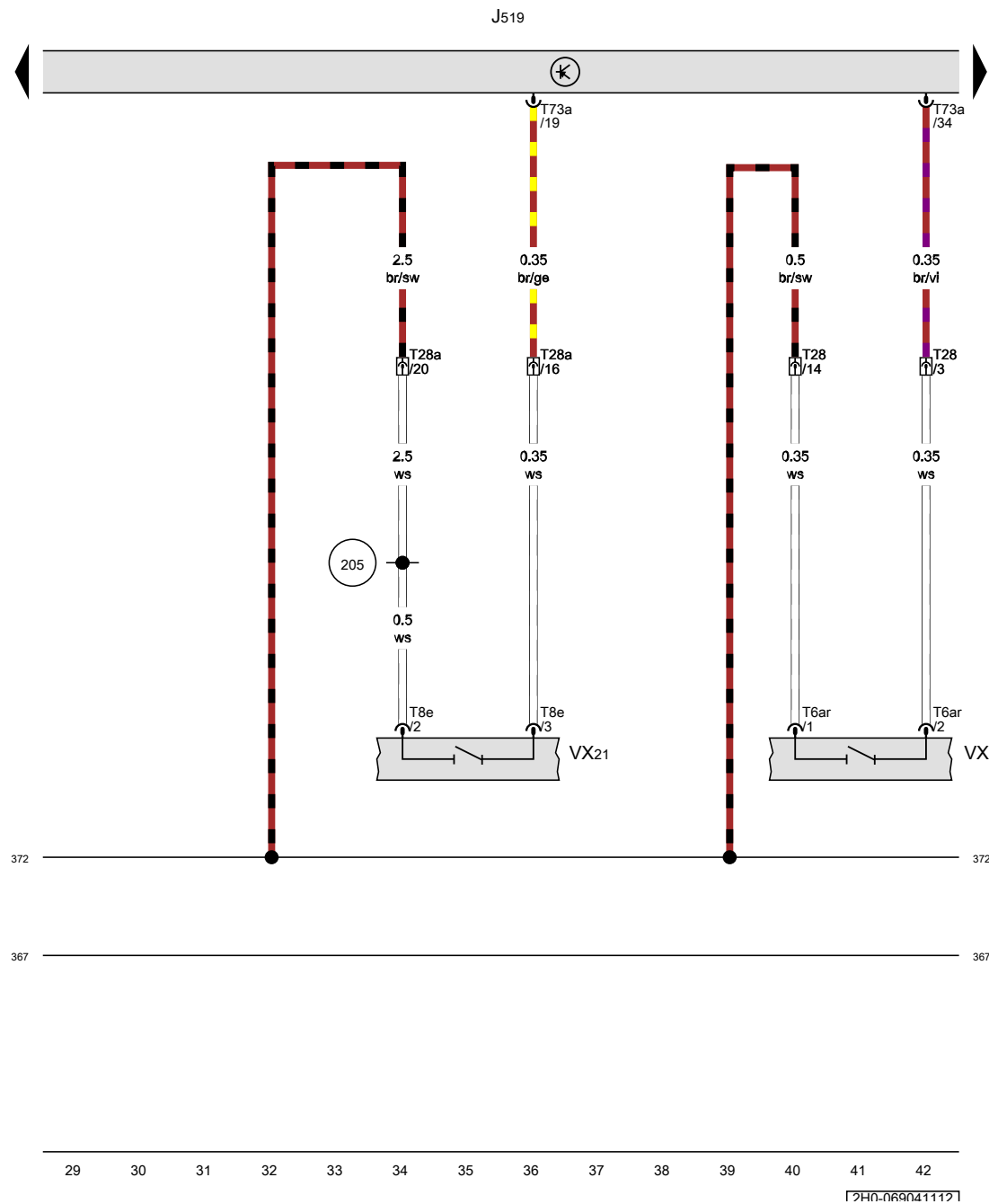
- F266 Bonnet contact switch
- H12 Alarm horn
- J519 Onboard supply control unit, near driver side A-pillar
- SC8 Fuse 8 on fuse holder C
- T3i 3-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- B318 Positive connection 4 (30a) in main wiring harness

* Up to January 2013

*2 From February 2013

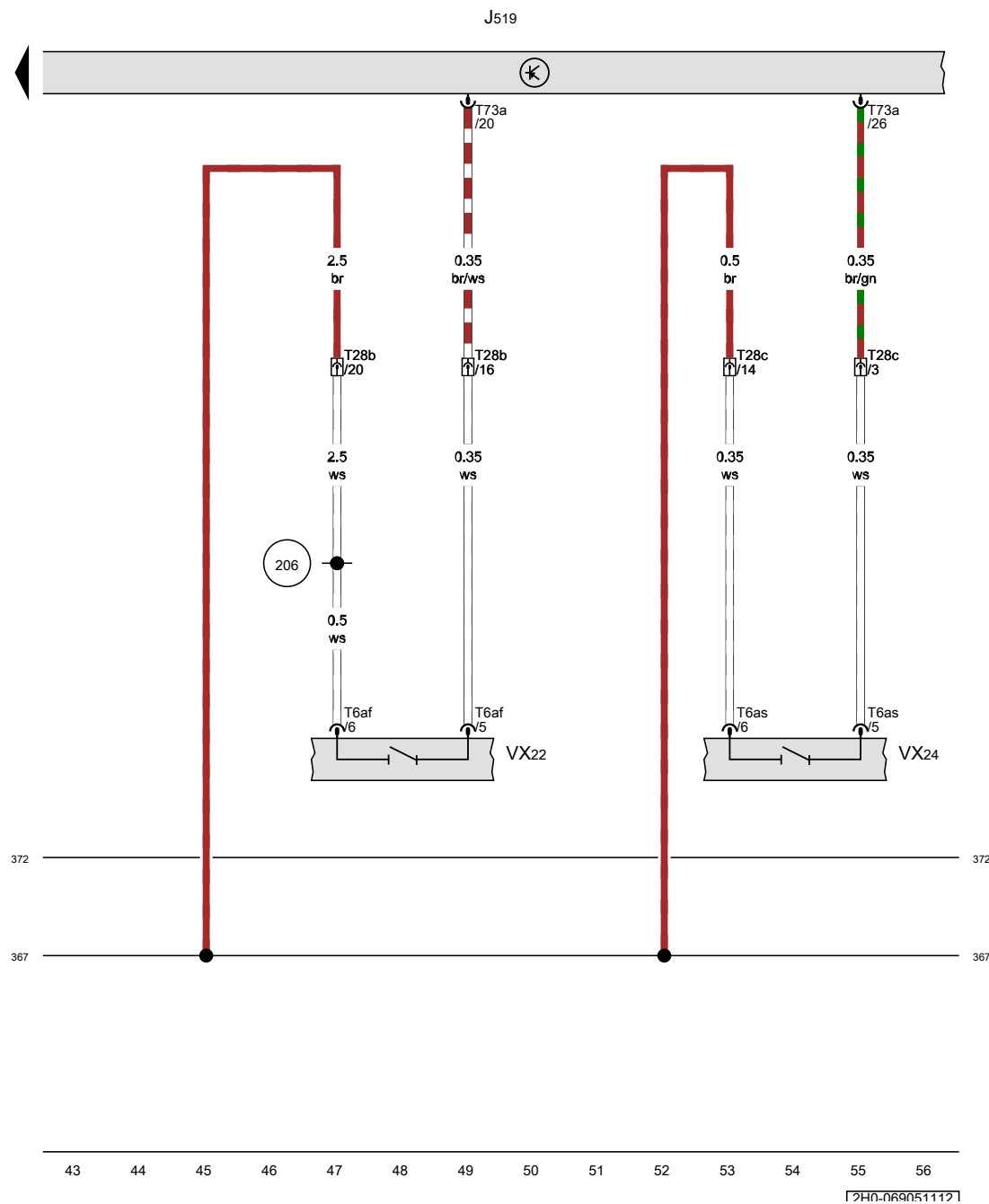
ws = white
sw = black
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Onboard supply control unit, Driver door lock unit, Rear left door lock unit

- J519 Onboard supply control unit, near driver side A-pillar
- T6ar 6-pin connector
- T8e 8-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- VX21 Driver door lock unit
- VX23 Rear left door lock unit

- 205 Earth connection, in driver door wiring harness
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness



Onboard supply control unit, Front passenger door lock unit,
Rear right door lock unit

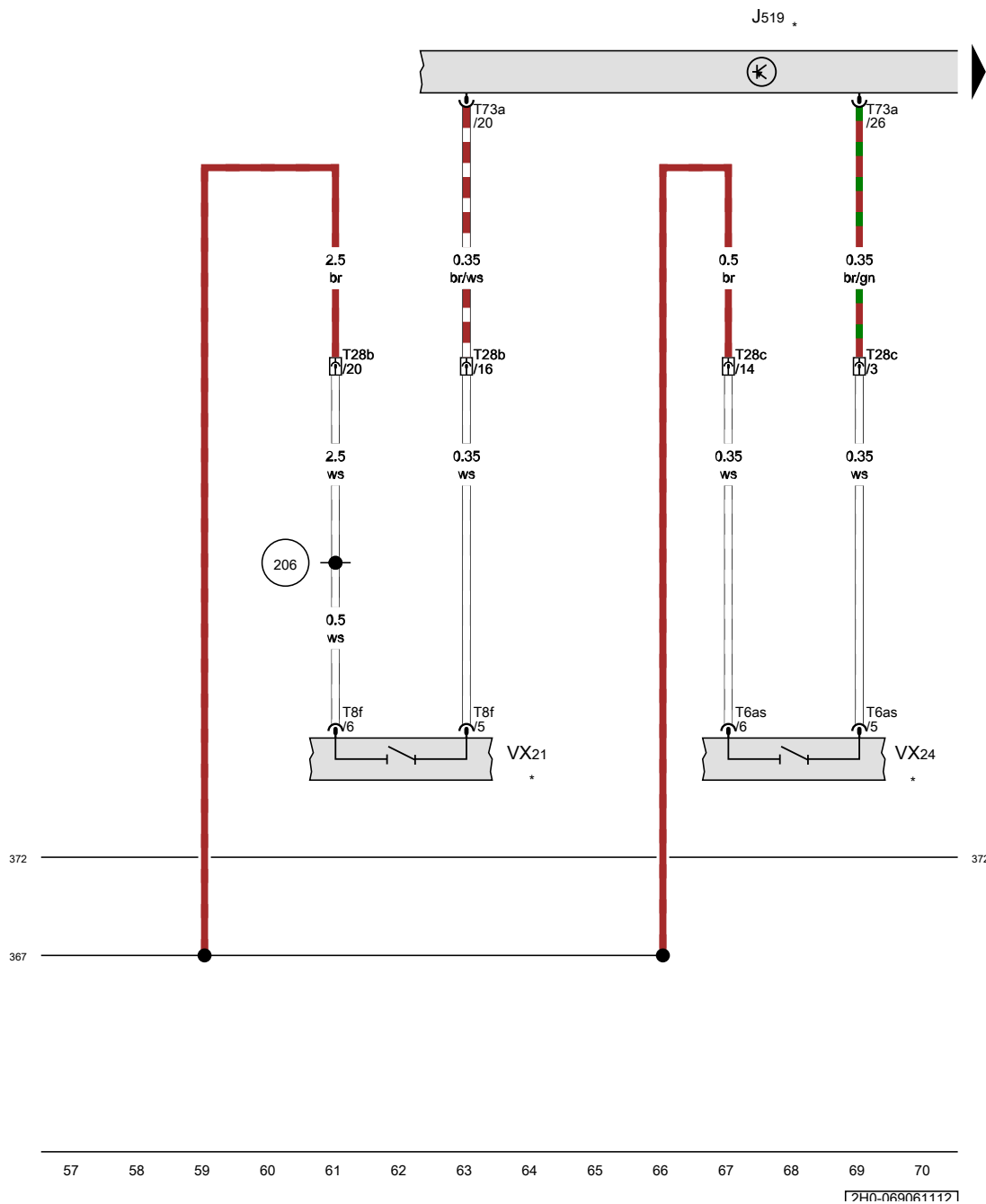
- J519 Onboard supply control unit, near driver side A-pillar
- T6af 6-pin connector
- T6as 6-pin connector
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T73a 73-pin connector, black
- VX22 Front passenger door lock unit
- VX24 Rear right door lock unit

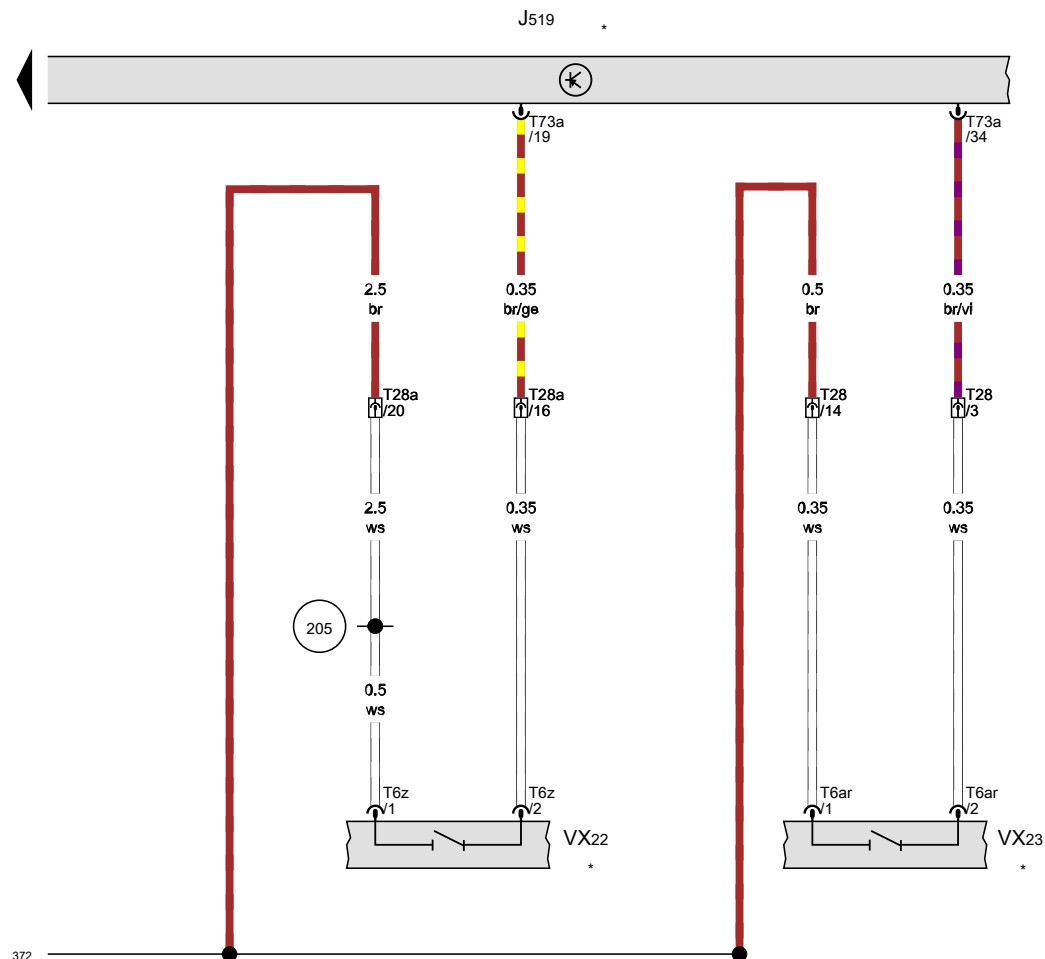
- 206 Earth connection, in front passenger door wiring harness
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness

Onboard supply control unit, Rear right door lock unit

- J519 Onboard supply control unit
- T6as 6-pin connector
- T8f 8-pin connector
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, on right B-pillar
- T73a 73-pin connector, black
- VX21 Driver door lock unit
- VX24 Rear right door lock unit

- 206 Earth connection, in front passenger door wiring harness
- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- * Only right-hand drive models





Onboard supply control unit, Front passenger door lock unit, Rear left door lock unit

- J519 Onboard supply control unit
- T6ar 6-pin connector
- T6z 6-pin connector
- T28 28-pin connector, on left B-pillar
- T28a 28-pin connector, on left A-pillar
- T73a 73-pin connector, black
- VX22 Front passenger door lock unit
- VX23 Rear left door lock unit

- 205 Earth connection, in driver door wiring harness
- 372 Earth connection 7, in main wiring harness
- * Only right-hand drive models

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

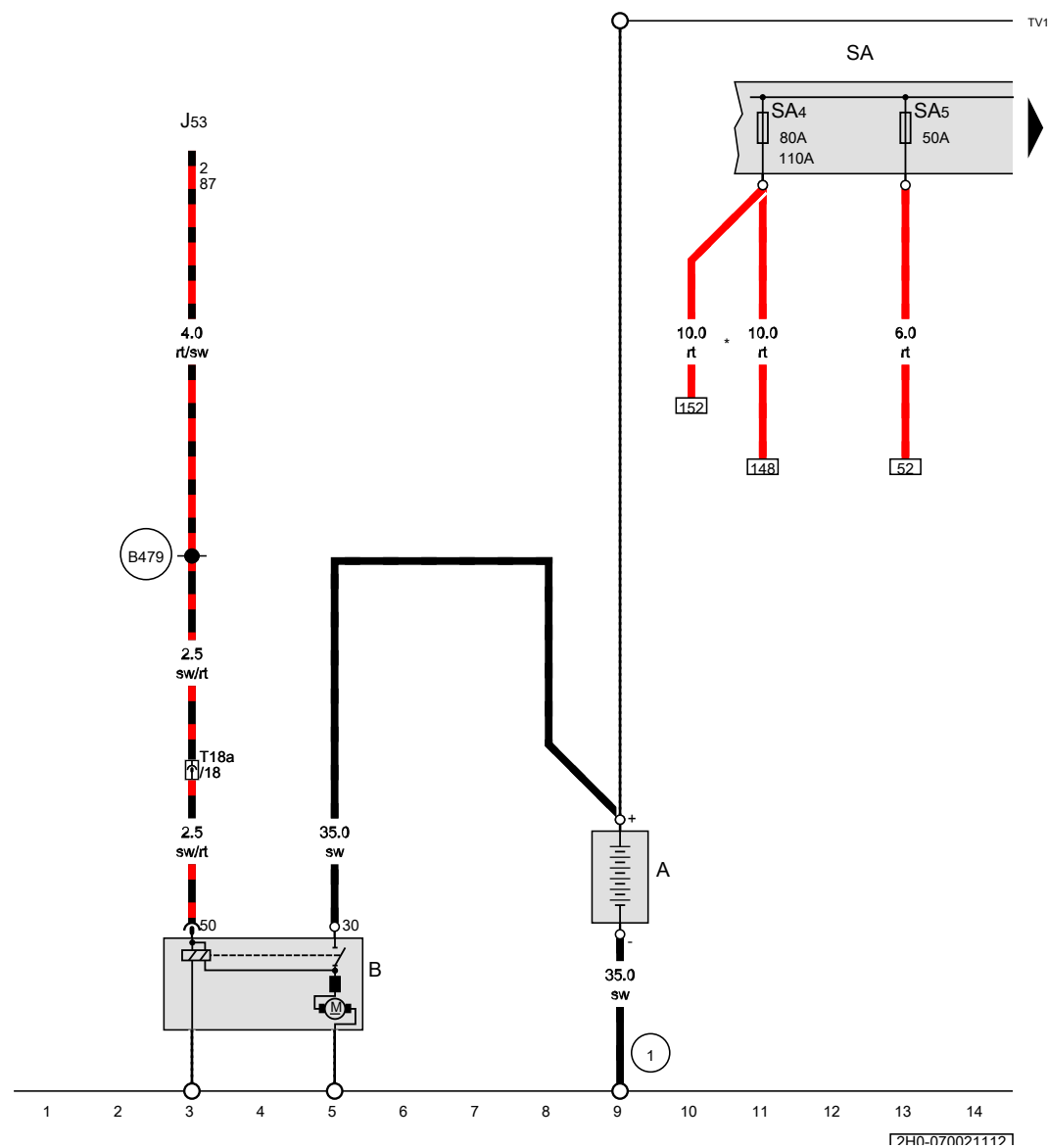
2.0l diesel engine , CNEA

From June 2012

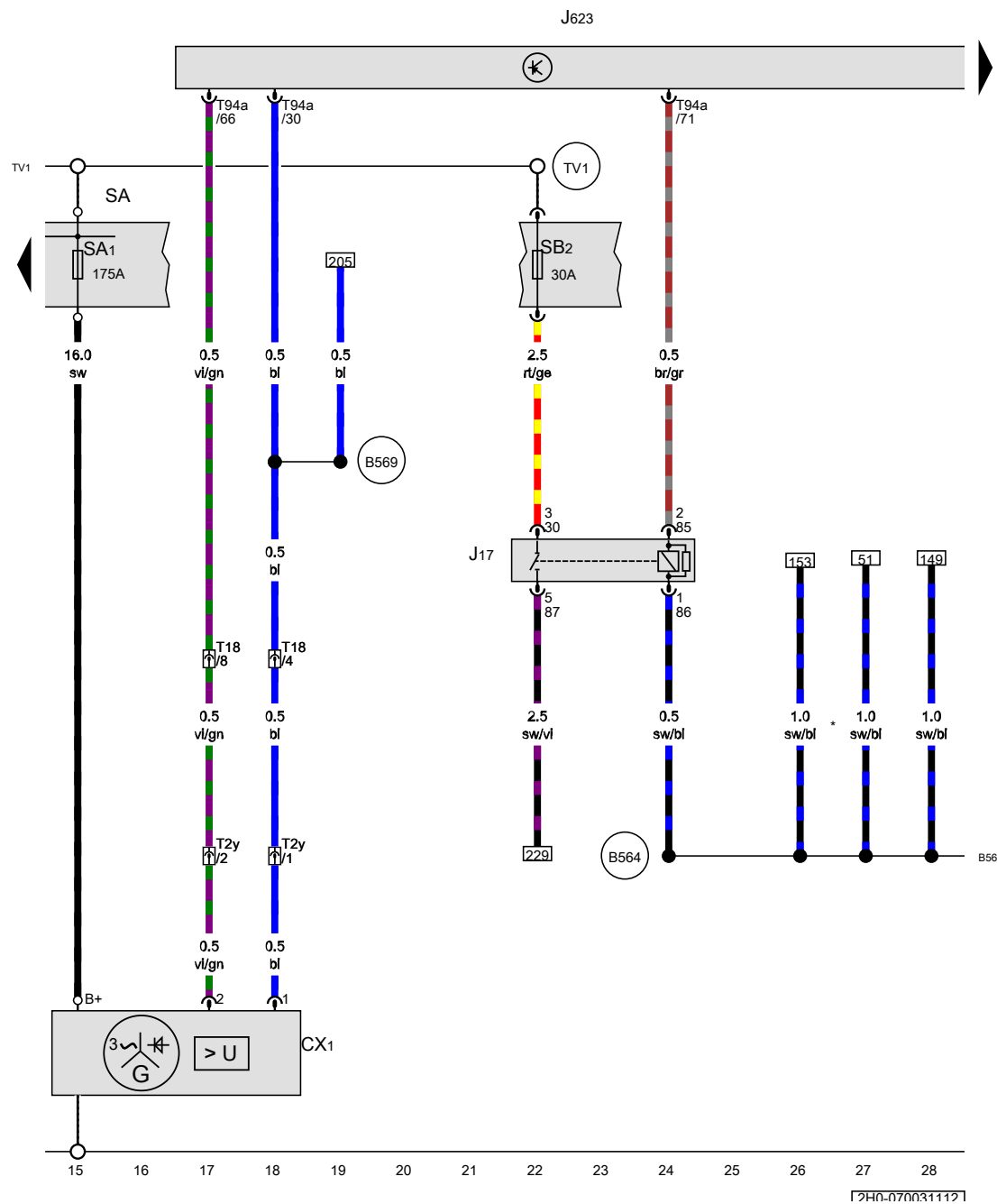
Battery, Starter, Starter motor relay, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

- A Battery
- B Starter
- J53 Starter motor relay
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T18a 18-pin connector, near engine control unit

- 1 Earth strap, battery - body
- B479 Connection 15, in main wiring harness
- TV1 Wiring junction
- * Only for countries with hot climate



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



Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J623 Engine control unit, near battery
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- T2y 2-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

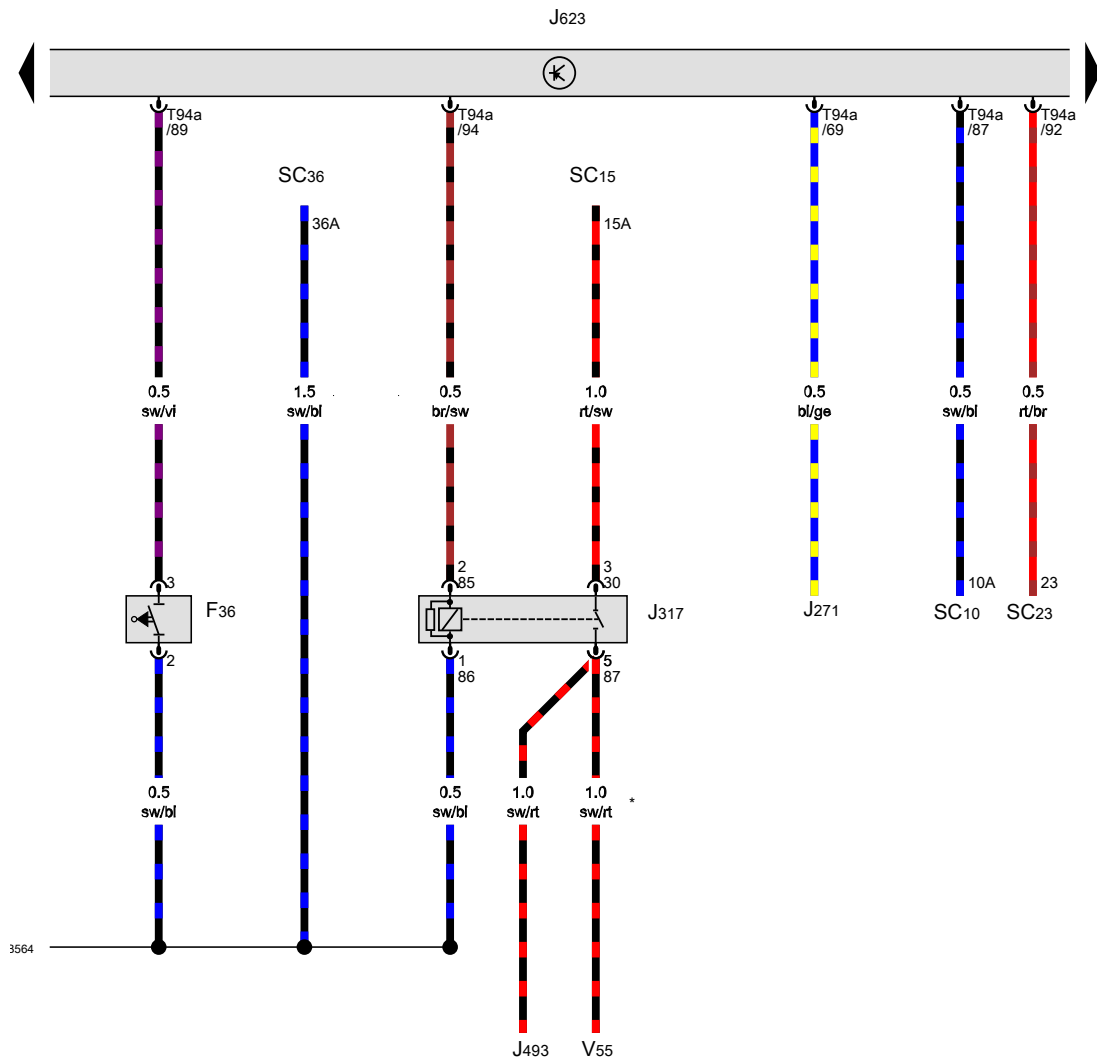
B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness

TV1 Wiring junction

* Only for countries with hot climate

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



Clutch pedal switch, Main relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

- F36 Clutch pedal switch
- J271 Main relay, on relay carrier
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit, near battery
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94a 94-pin connector, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

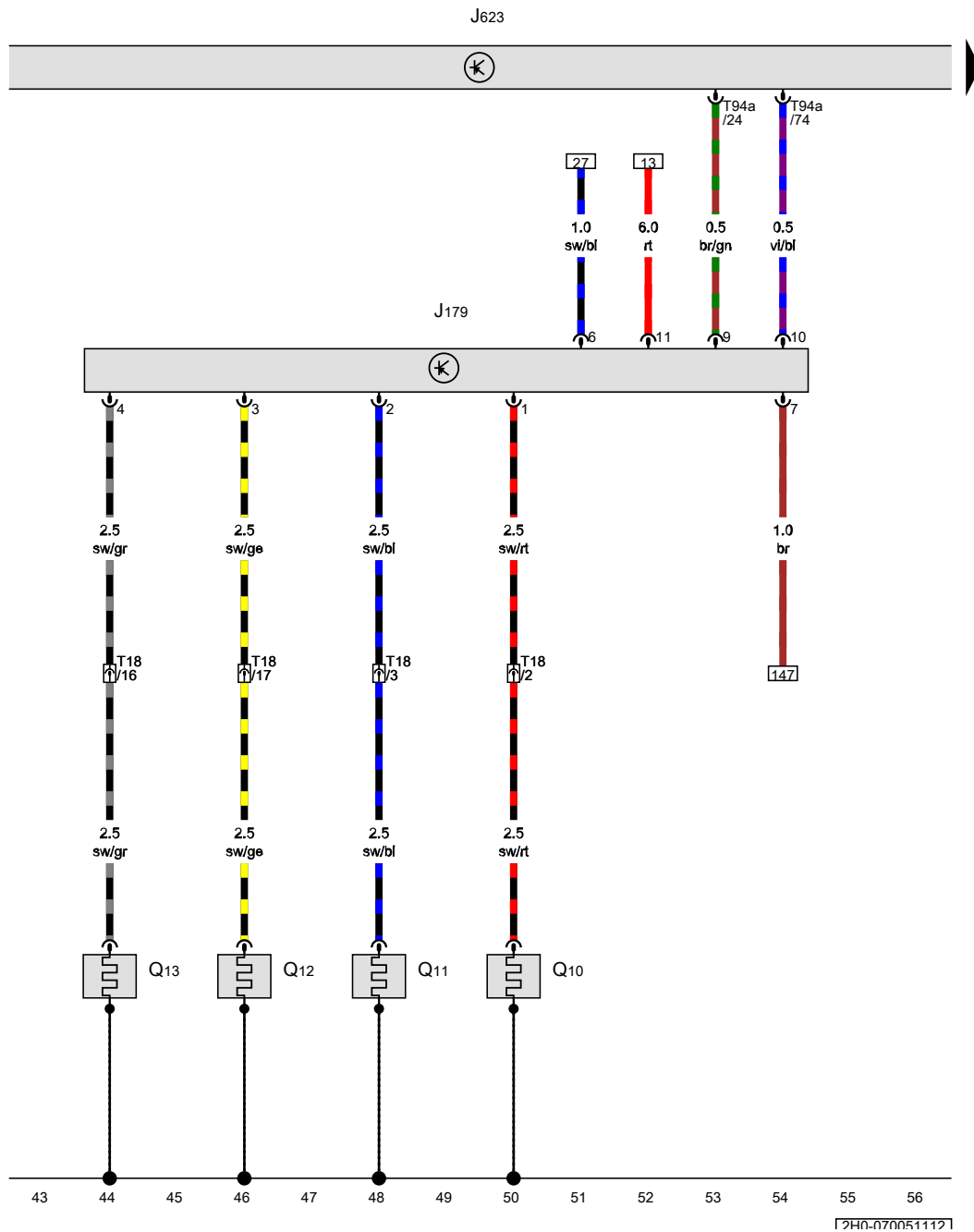
* Only models with no air conditioning system/Climatronic

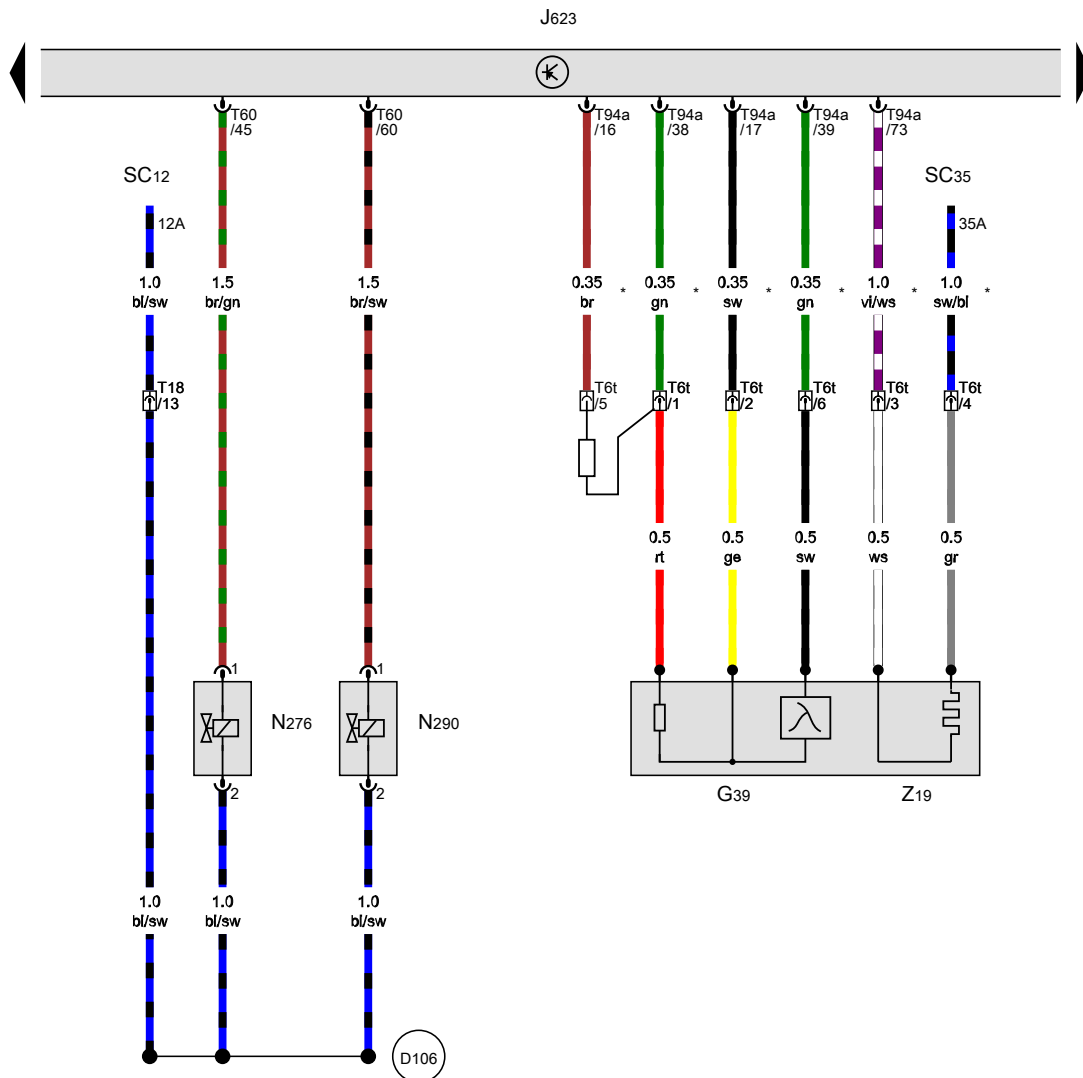
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

17400-0700411121

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit, near left headlight
- J623 Engine control unit, near battery
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black





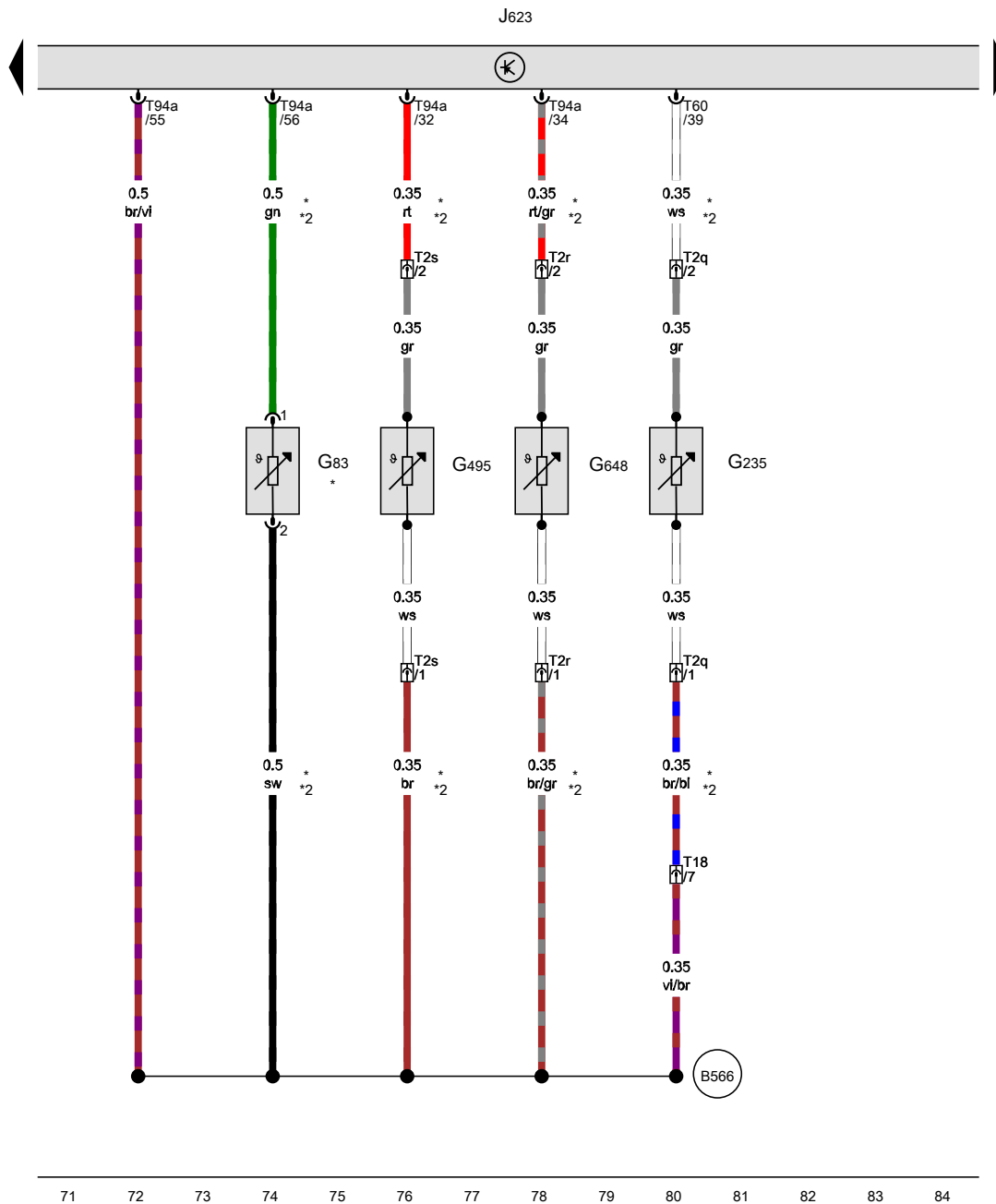
Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

- G39 Lambda probe
- J623 Engine control unit, near battery
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC12 Fuse 12 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater

D106 Connection 4 in engine compartment wiring harness

* Only models with Euro 5 emission standard

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
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- gr = grey
- li = purple
- ge = yellow
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Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

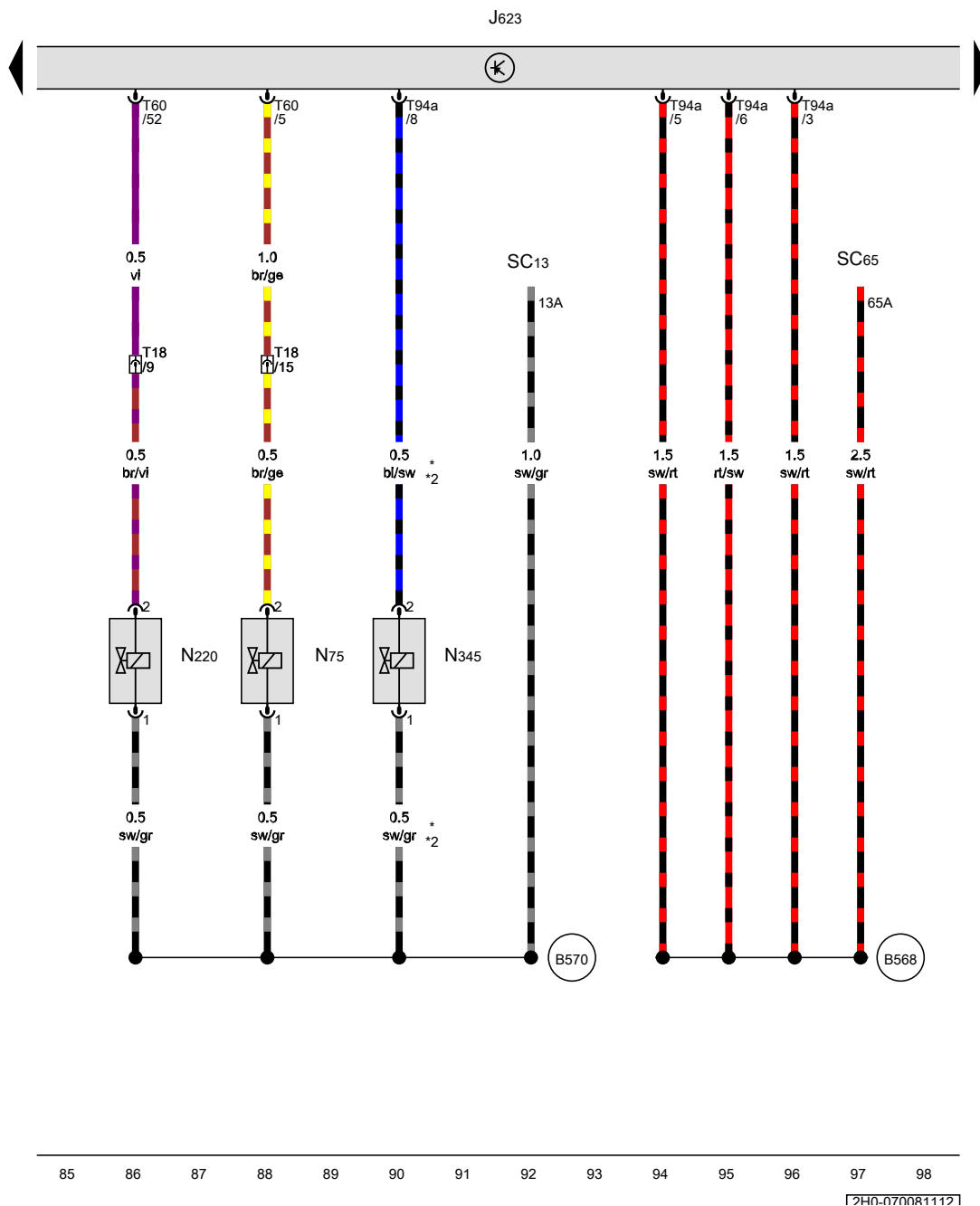
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit, near battery
- T2q 2-pin connector, black
- T2r 2-pin connector, orange
- T2s 2-pin connector, brown
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

- * Only models with Euro 5 emission standard
- *2 Only models with Euro 5 plus emission standard (7MJ)

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

[240-070071112]

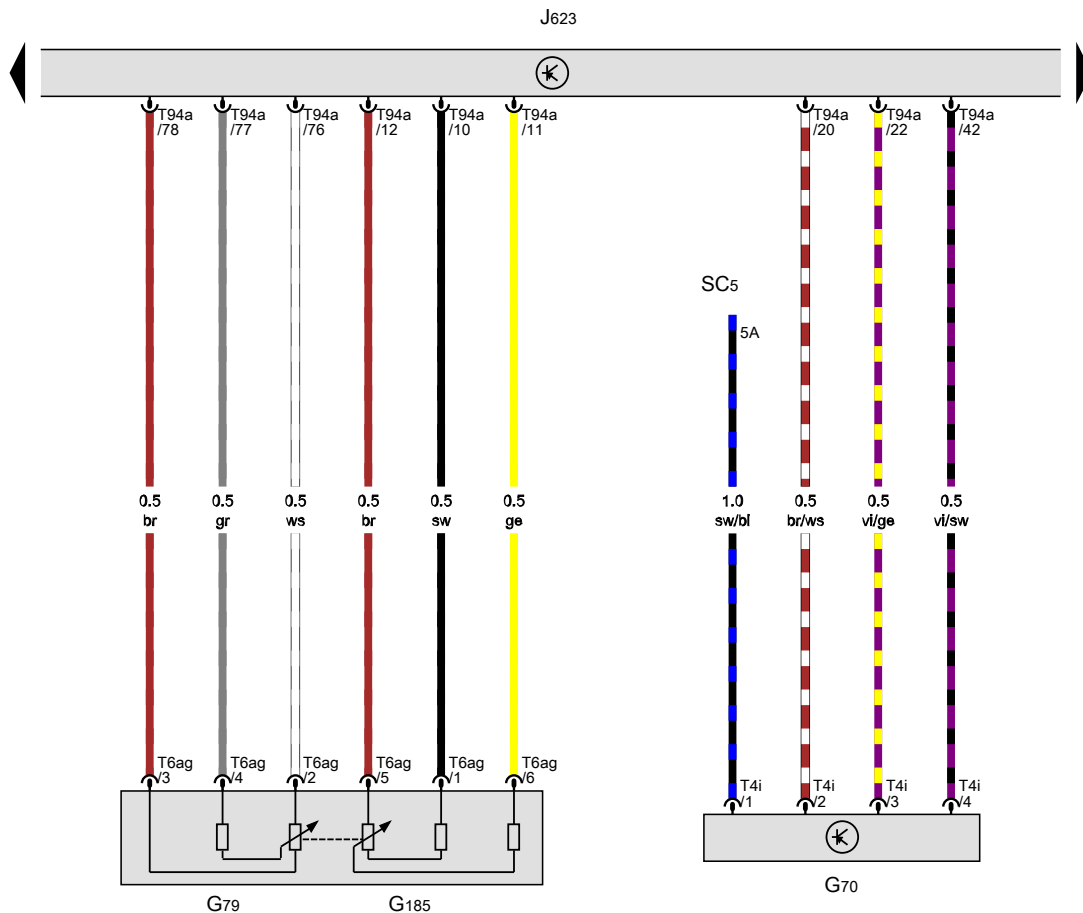


Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 65 on fuse holder C

- J623 Engine control unit, near battery
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC13 Fuse 13 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- B568 Connection 35, in main wiring harness
- B570 Connection 37, in main wiring harness
- * Only models with Euro 5 emission standard
- *2 Only models with Euro 5 plus emission standard (7MJ)

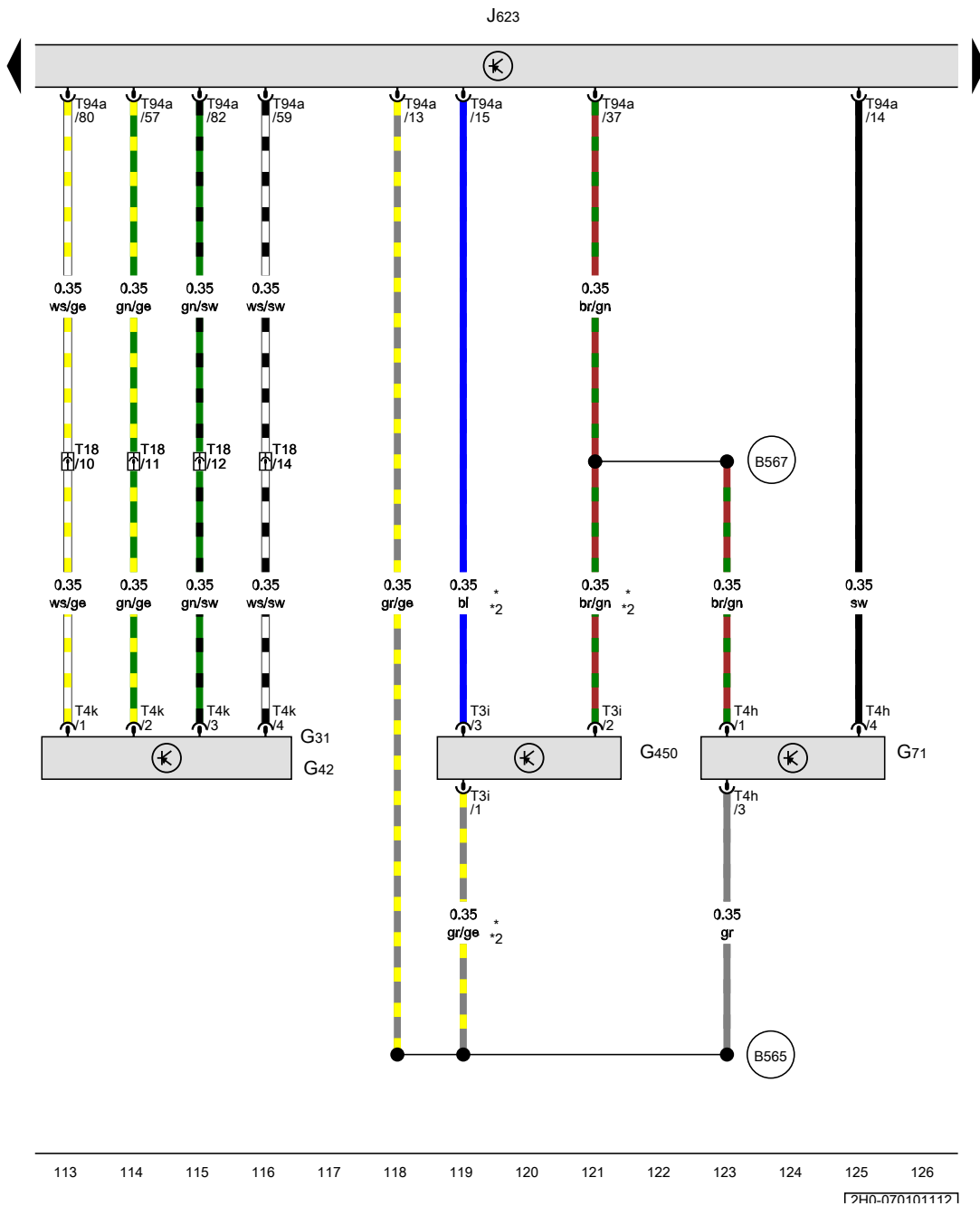
ws = white
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Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C



- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit, near battery
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T6ag 6-pin connector
- T94a 94-pin connector, black

- ws = white
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- gn = green
- bl = blue
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- li = purple
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Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

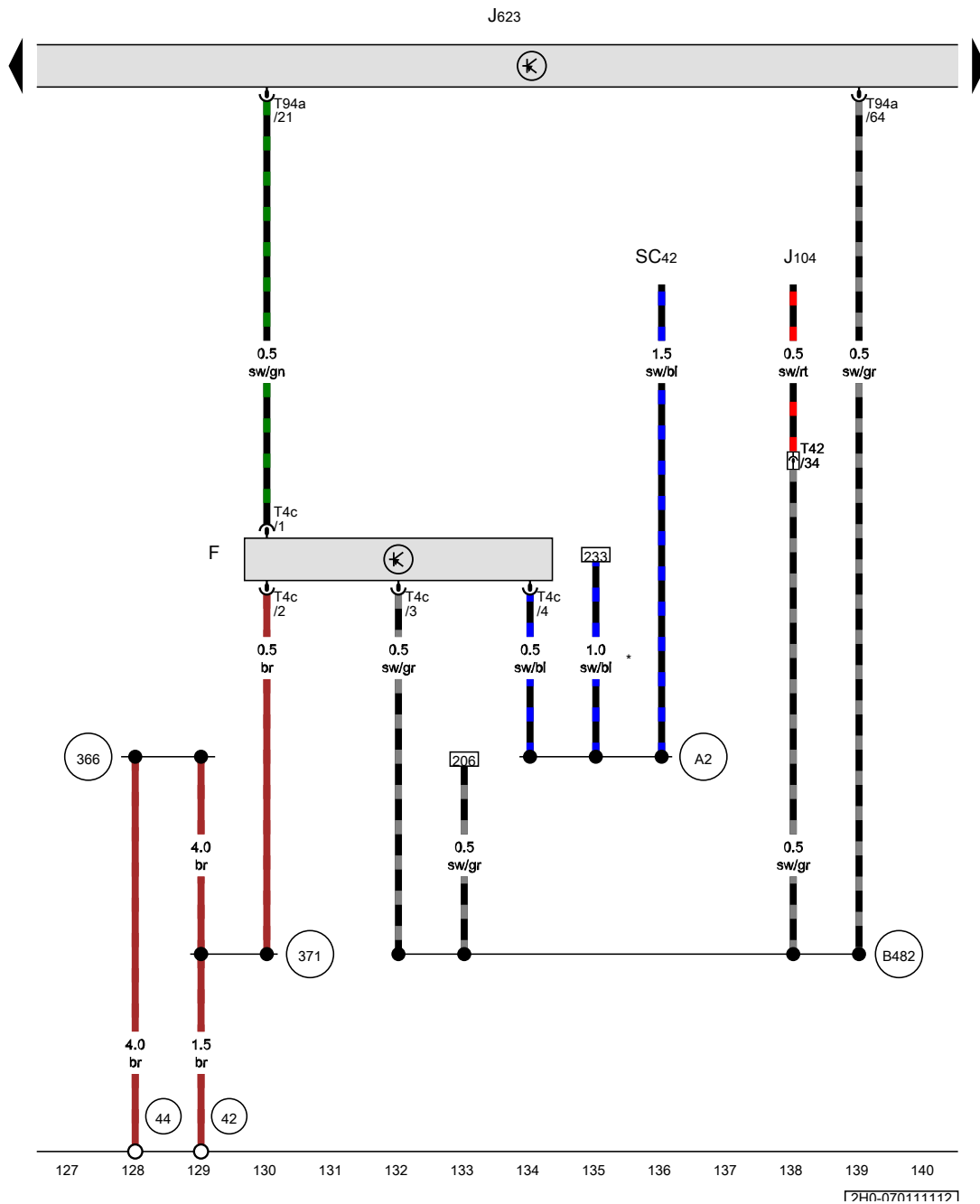
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit, near battery
- T3i 3-pin connector, black
- T4h 4-pin connector, black
- T4k 4-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with Euro 5 emission standard

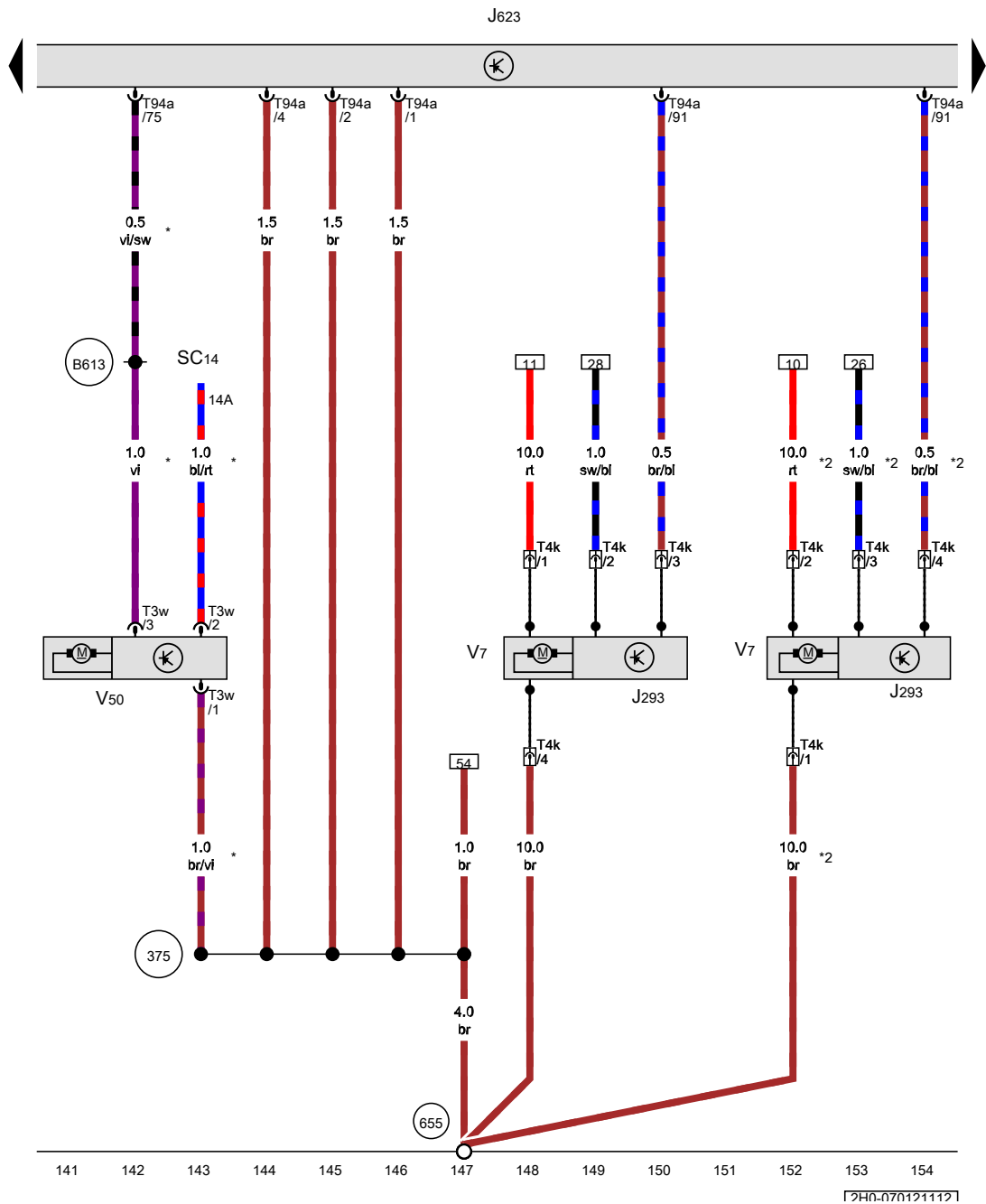
*2 Only models with Euro 5 plus emission standard (7MJ)



Brake light switch, Engine control unit

- F Brake light switch
- J104 ABS control unit
- J623 Engine control unit, near battery
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector, black
- T42 42-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

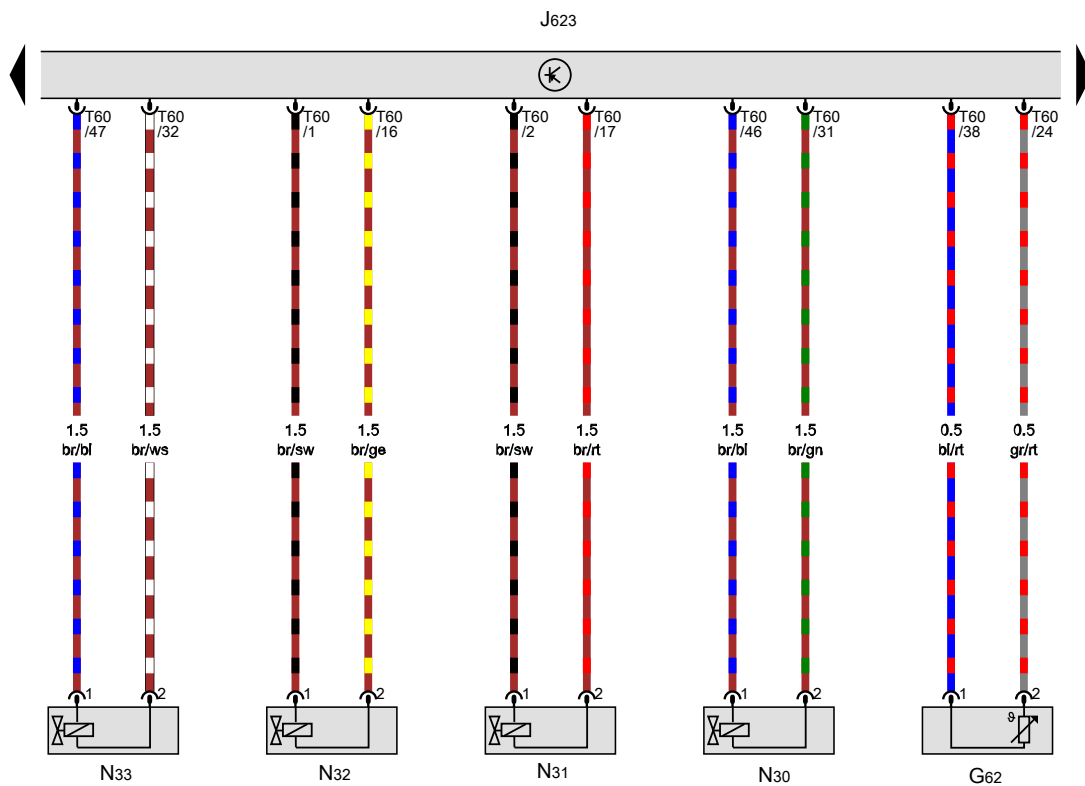
- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with Euro 5 emission standard



Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

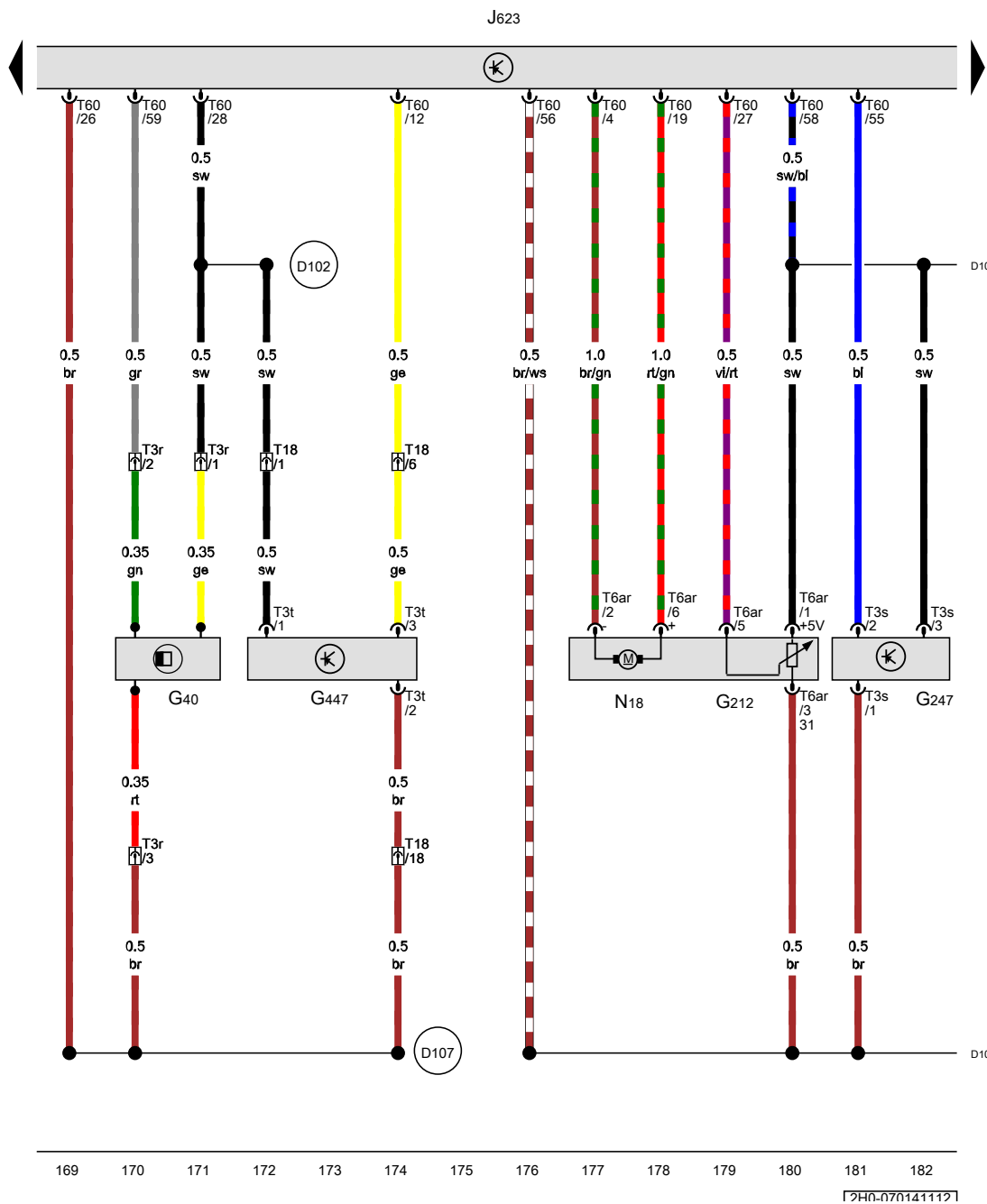
- J293 Radiator fan control unit
- J623 Engine control unit, near battery
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector
- T4k 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B613 Connection 41, in main wiring harness
- * Only models with Euro 5 plus emission standard (7MJ)
- *2 Only for countries with hot climate

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
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Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62 Coolant temperature sender
J623 Engine control unit, near battery
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T60 60-pin connector, black

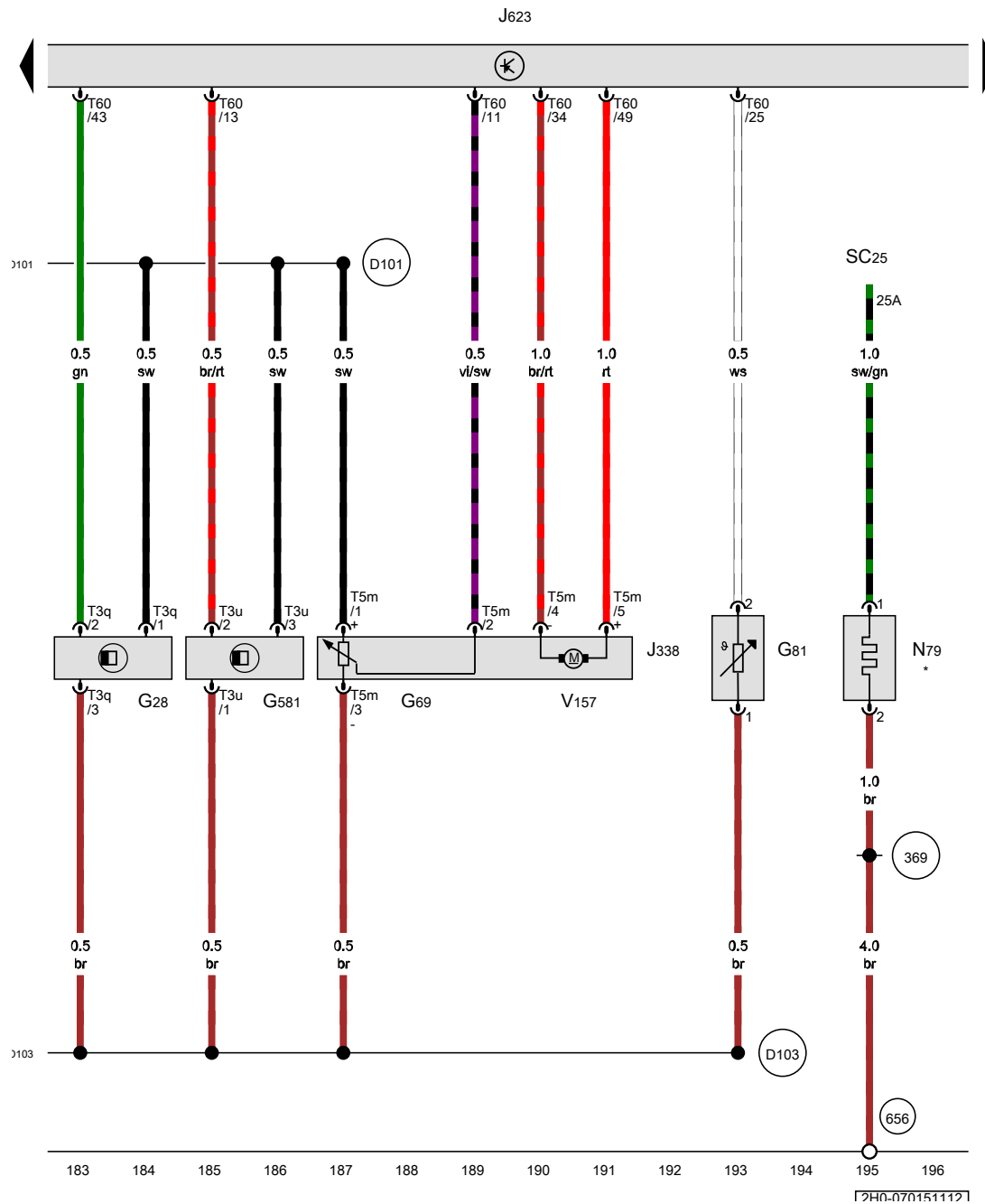


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Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G447 Charge pressure sender 2, on turbocharger air recirculation valve
- J623 Engine control unit, near battery
- N18 Exhaust gas recirculation valve
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector, black
- T3t 3-pin connector
- T6ar 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness



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Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

G28 Engine speed sender
 G69 Throttle valve potentiometer
 G81 Fuel temperature sender
 G581 Position sender for charge pressure positioner
 J338 Throttle valve module
 J623 Engine control unit, near battery
 N79 Heater element for crankcase breather
 SC25 Fuse 25 on fuse holder C
 T3q 3-pin connector, black
 T3u 3-pin connector, black
 T5m 5-pin connector
 T60 60-pin connector, black
 V157 Intake manifold flap motor

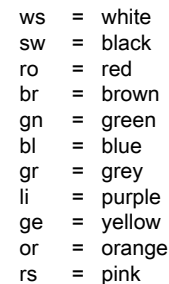
369 Earth connection 4, in main wiring harness

656 Earth point, on right headlight

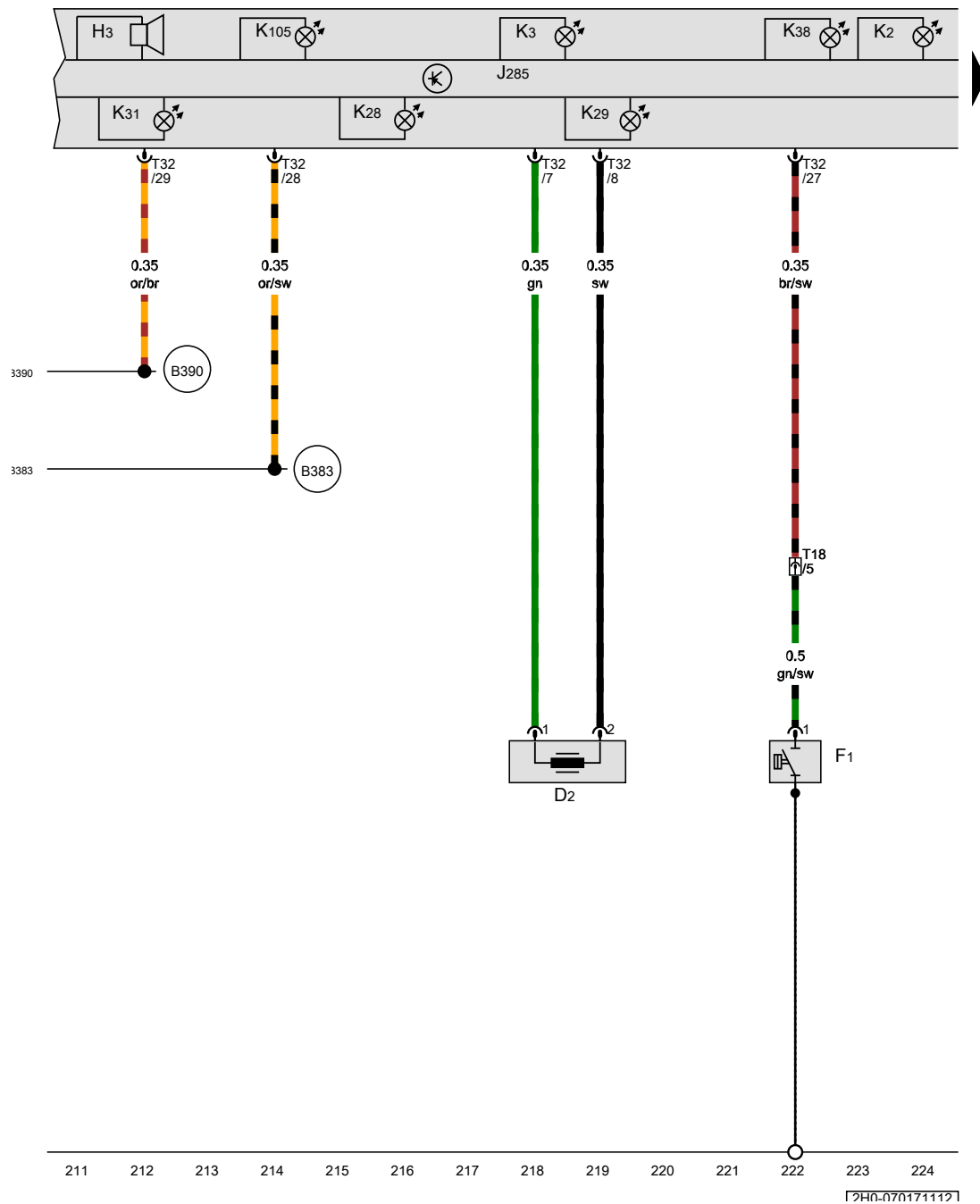
D101 Connection 1 in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* Only models with crankcase breather heater element



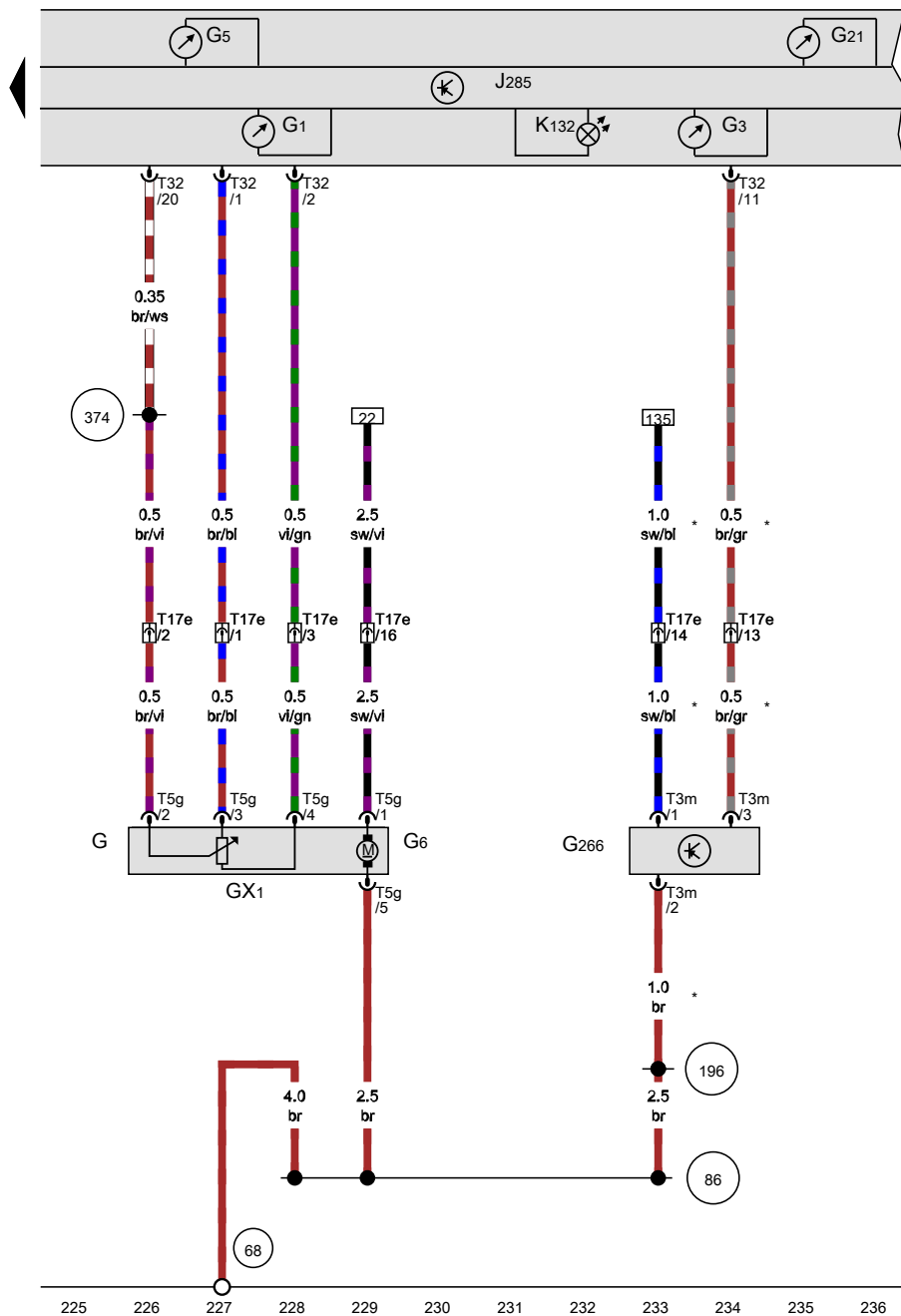
E45	Cruise control system switch
E595	Steering column combination switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J623	Engine control unit, near battery
T14b	14-pin connector, near battery, black
T16a	16-pin connector
T16q	16-pin connector
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
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
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)
*3	see applicable current flow diagram for automatic gearbox



Dash panel insert

- D2 Immobiliser reader coil
- F1 Oil pressure switch
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

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



Oil level and oil temperature sender, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K132 Electronic power control fault lamp
- T3m 3-pin connector, black
- T5g 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- * Only models with Euro 5 emission standard

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Multifunction steering wheel

From June 2012

Steering column combination switch, Multifunction steering wheel control unit, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C

- E440 Multifunction buttons on left in steering wheel
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- G85 Steering angle sender
- J285 Control unit in dash panel insert
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- SC42 Fuse 42 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T5p 5-pin connector, black
- T12b 12-pin connector, yellow
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless

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

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

B528 Connection 1 (LIN bus) in main wiring harness

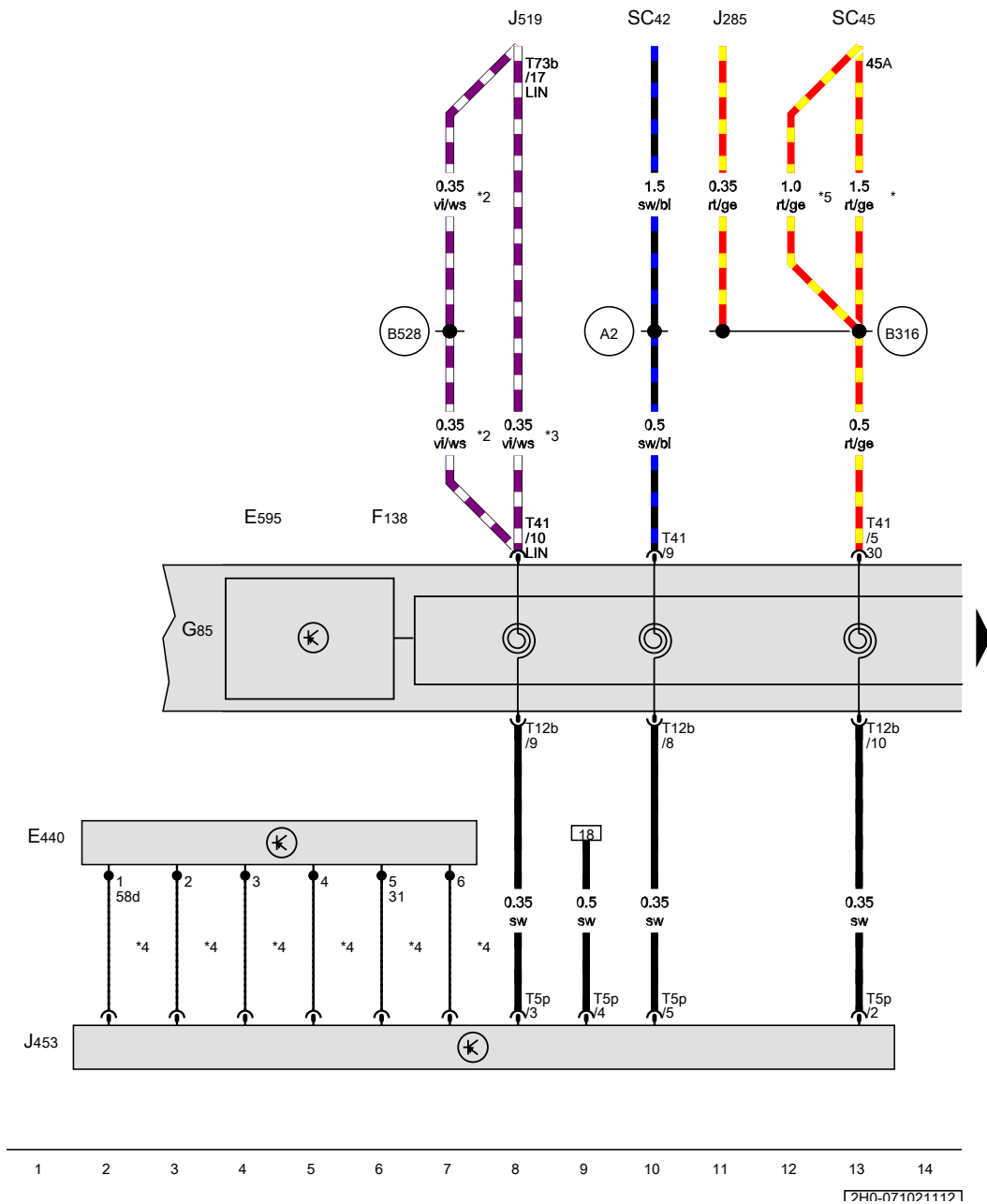
* Up to January 2013

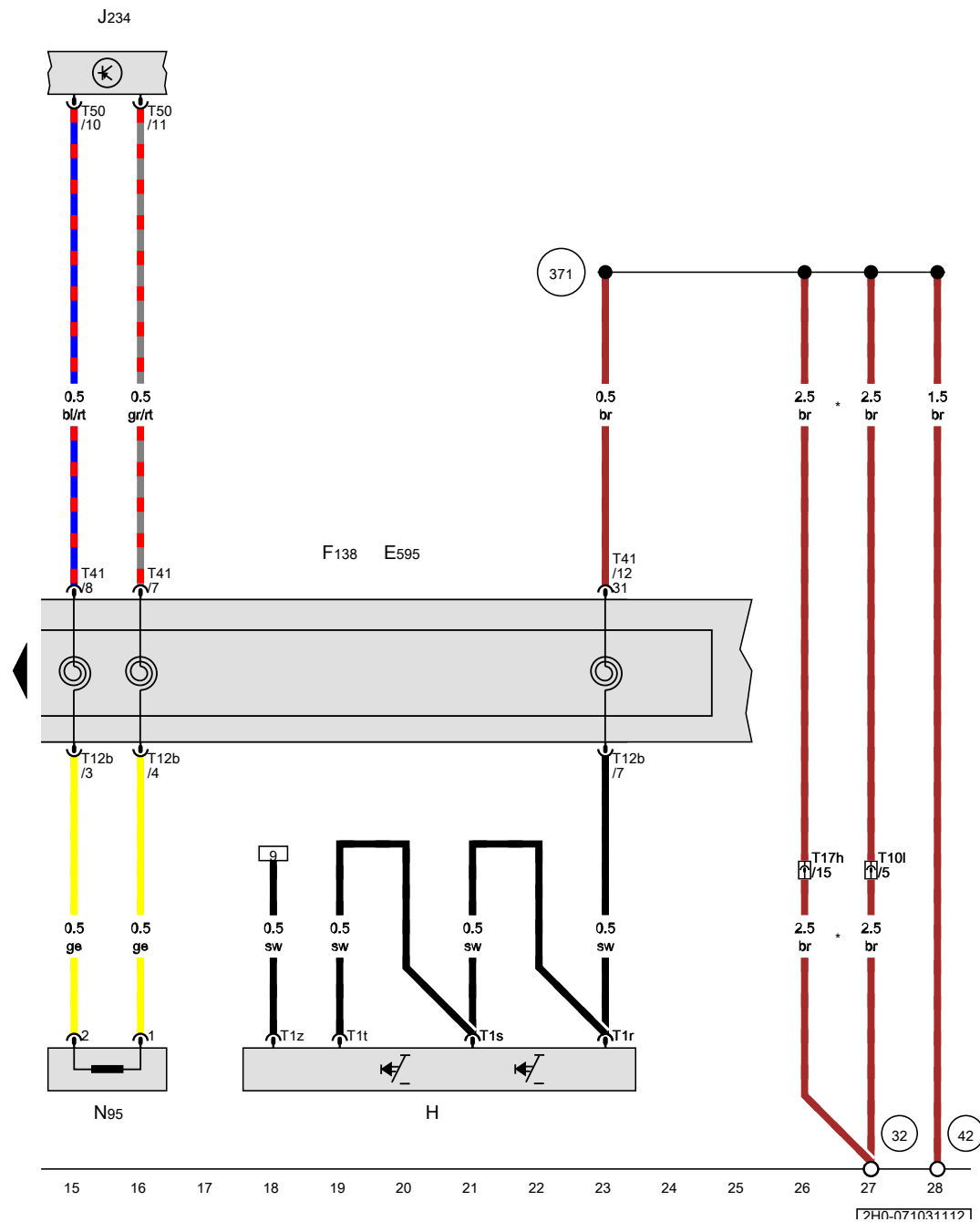
*2 Only models with electric window regulators

*3 Only vehicles without electric window regulators

*4 Flat conductor

*5 From February 2013





Steering column combination switch, Airbag control unit

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate, in steering wheel
- J234 Airbag control unit
- N95 Driver side airbag igniter, in steering wheel
- T1r Single connector, black
- T1s Single connector, black
- T1t Single connector, black
- T1z Single connector, black
- T10l 10-pin connector, on left under dash panel, blue
- T12b 12-pin connector, yellow
- T17h 17-pin connector, on left under dash panel, blue
- T41 41-pin connector, grey
- T50 50-pin connector, light green

- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- * From February 2013

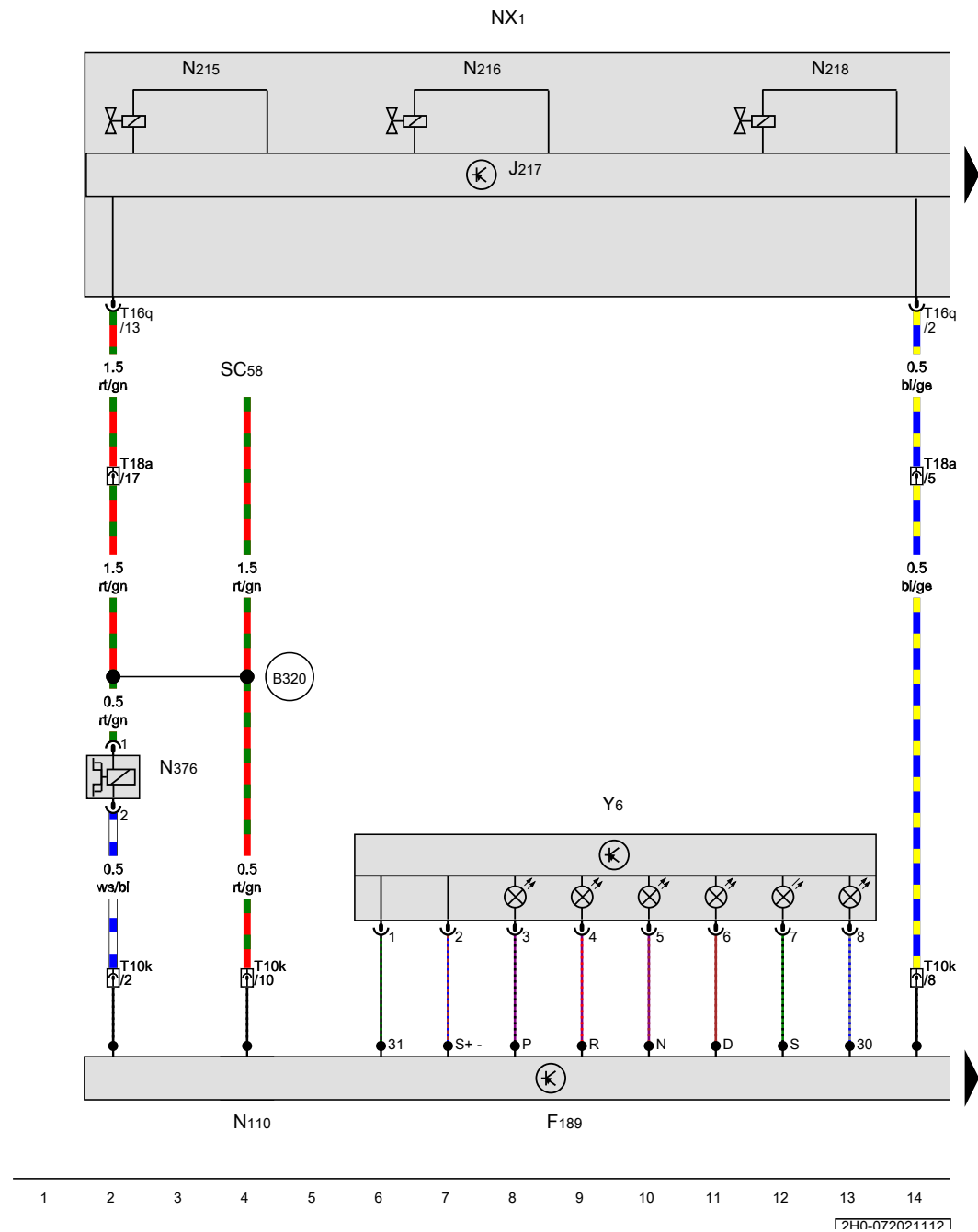
8-speed automatic gearbox with Tiptronic , (G1G)

From June 2012

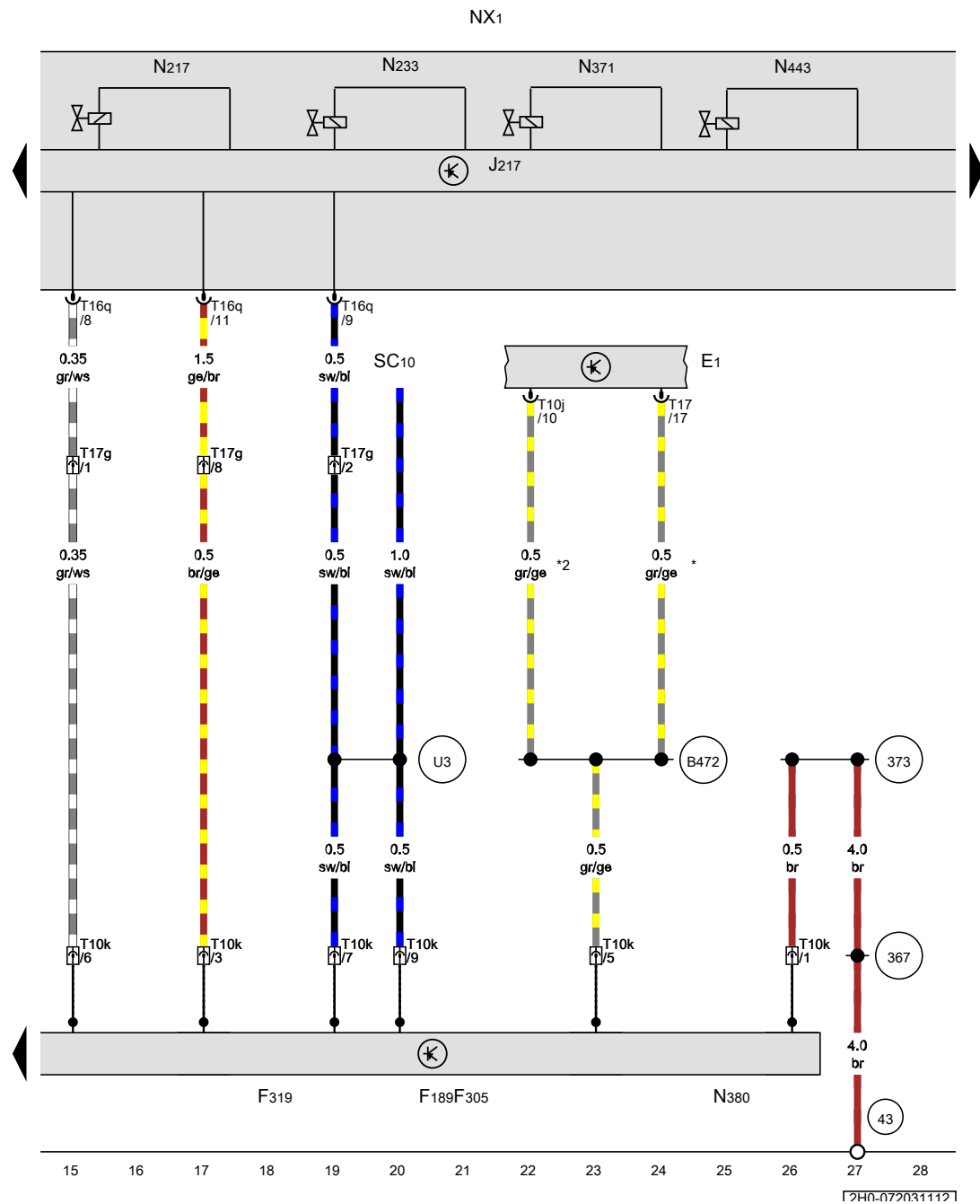
Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

- F189 Tiptronic switch
- J217 Automatic gearbox control unit, in gearbox
- NX1 Gearbox
- N110 Selector lever lock solenoid
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N218 Automatic gearbox pressure regulating valve 4
- N376 Ignition key withdrawal lock solenoid
- SC58 Fuse 58 on fuse holder C
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector, black
- T18a 18-pin connector, near battery, grey
- Y6 Selector lever position display

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



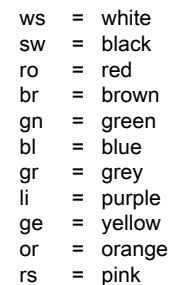
ws = white
 sw = black
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Light switch, Tiptronic switch, Gearbox

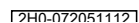
- E1 Light switch
- F189 Tiptronic switch
- F305 Gear selector position P switch
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit, in gearbox
- NX1 Gearbox
- N217 Automatic gearbox pressure regulating valve 3
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- N380 Selector lever position P solenoid
- N443 Automatic gearbox pressure regulating valve 7
- SC10 Fuse 10 on fuse holder C
- T10j 10-pin connector
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector
- T17 17-pin connector
- T17g 17-pin connector, near handbrake lever, black

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B472 Connection 8, in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * Only models with no start/stop system
- *2 Only models with start/stop system



G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J119	Multifunction indicator
J217	Automatic gearbox control unit, in gearbox
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
NX1	Gearbox
T16q	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T32	32-pin connector, blue
T94a	94-pin connector, black

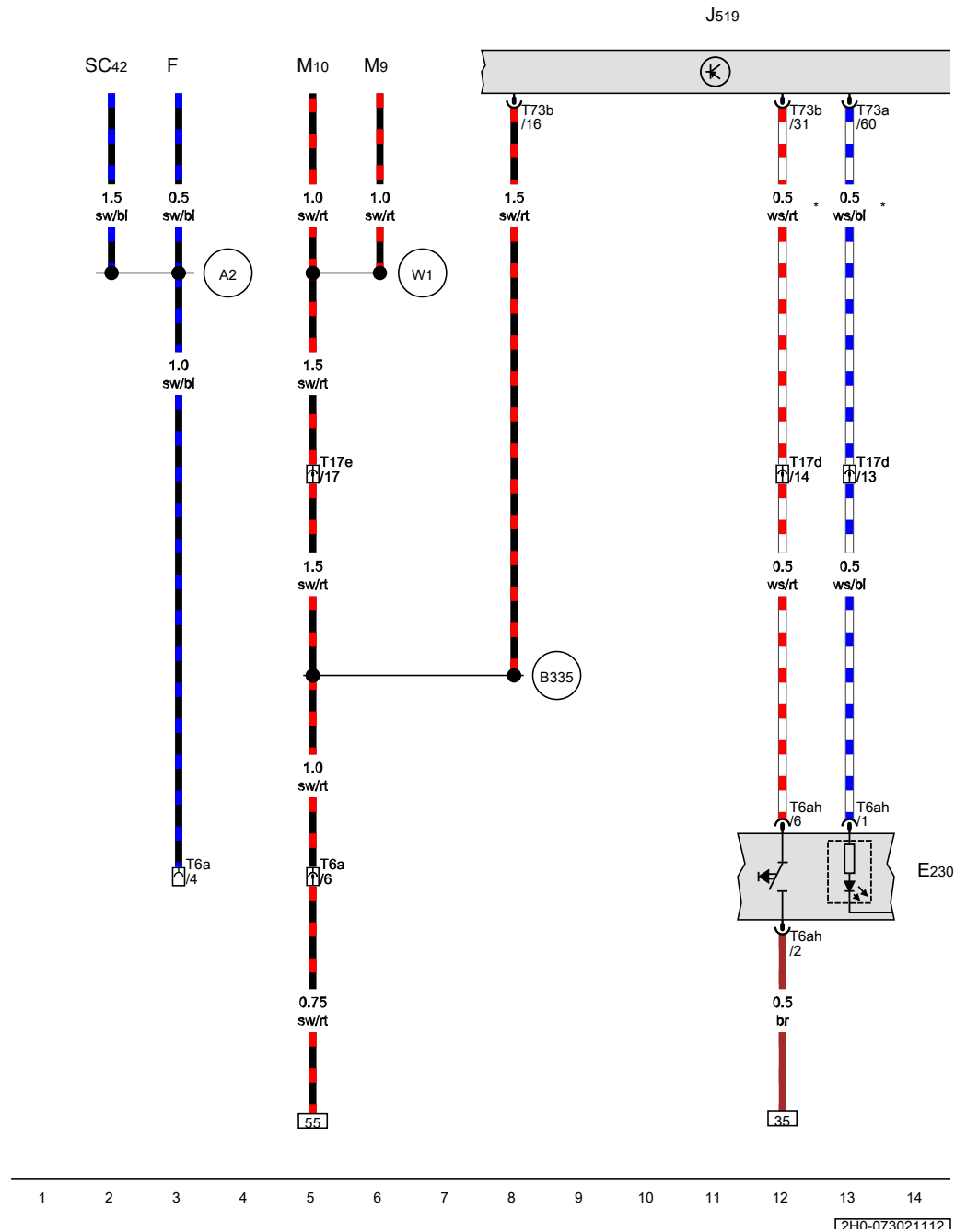
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system



11.2012

Hardtop

From June 2012

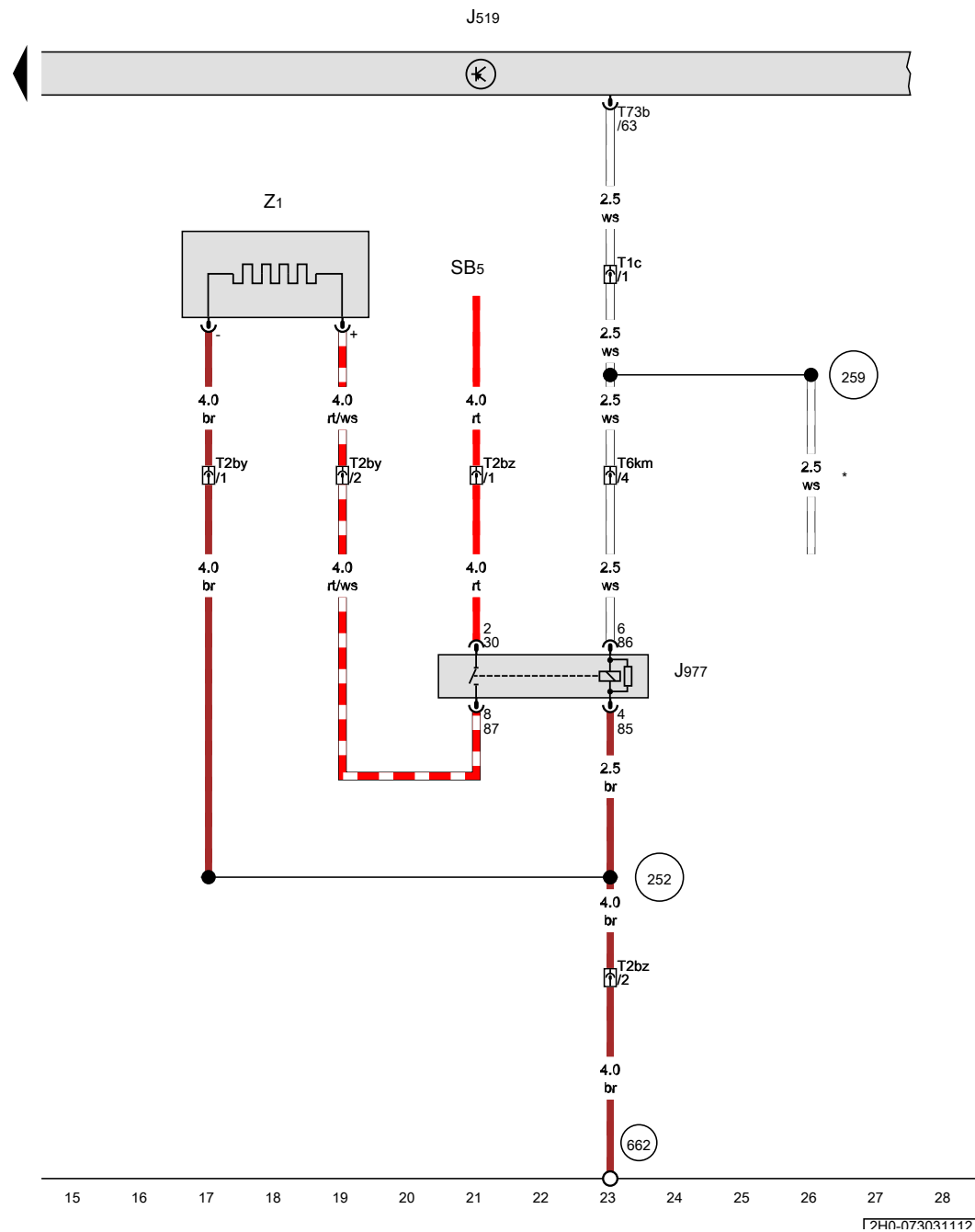


Heated rear window button, Brake light switch, Onboard supply control unit, Fuse 42 on fuse holder C

E230	Heated rear window button
F	Brake light switch
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
SC42	Fuse 42 on fuse holder C
T6a	6-pin connector, on rear roof module, black
T6ah	6-pin connector
T17d	17-pin connector, on left under dash panel
T17e	17-pin connector, near handbrake lever, red
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for basic equipment

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sw = black
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Onboard supply control unit, Terminal 30 relay, Fuse 5 on fuse holder B, Heated rear window



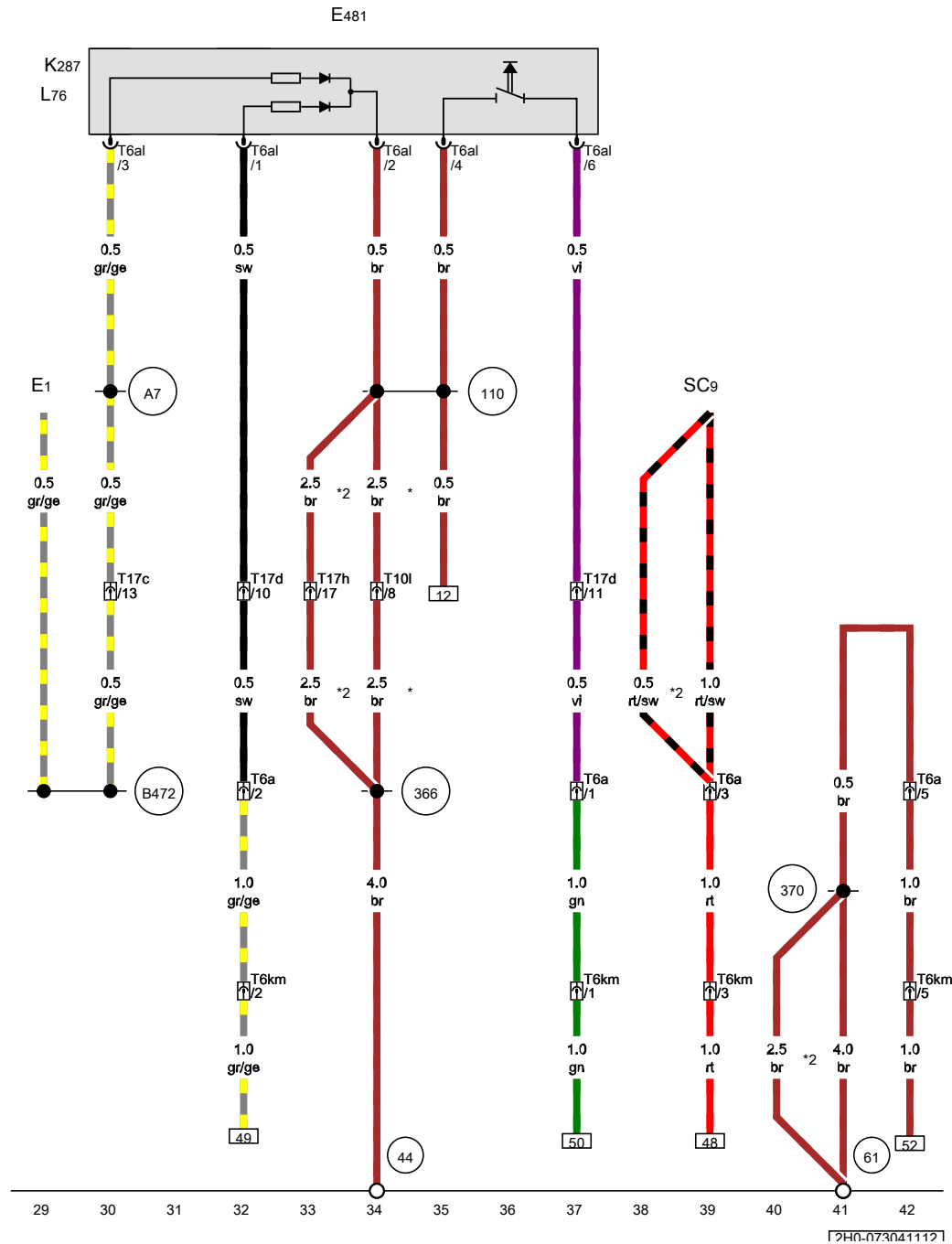
- J519 Onboard supply control unit
- J977 Terminal 30 relay, near rear lid, behind moulded headliner
- SB5 Fuse 5 on fuse holder B
- T1c Single connector, near left C-pillar
- T2by 2-pin connector, Coupling point for rear lid, black
- T2bz 2-pin connector, in rear left side panel, black
- T6km 6-pin connector, near rear lid, behind moulded headliner, black
- T73b 73-pin connector, colourless
- Z1 Heated rear window

- 252 Earth connection, in optional equipment wiring harness
- 259 Earth connection 2, in optional equipment wiring harness
- 662 Earth point, rear left side panel

* Wiring open end

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Load area illumination switch, Fuse 9 on fuse holder C



- E1 Light switch
- E481 Load area illumination switch, near radio
- K287 Function monitor warning lamp
- L76 Button illumination bulb
- SC9 Fuse 9 on fuse holder C
- T6a 6-pin connector, on rear roof module, black
- T6al 6-pin connector, blue
- T6km 6-pin connector, near rear lid, behind moulded headliner, black
- T10l 10-pin connector, on left under dash panel, blue
- T17c 17-pin connector, on left under dash panel
- T17d 17-pin connector, on left under dash panel
- T17h 17-pin connector, on left under dash panel, blue

- 44 Earth point, lower part of left A-pillar
- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B472 Connection 8, in main wiring harness

- * Up to January 2013
- *2 From February 2013

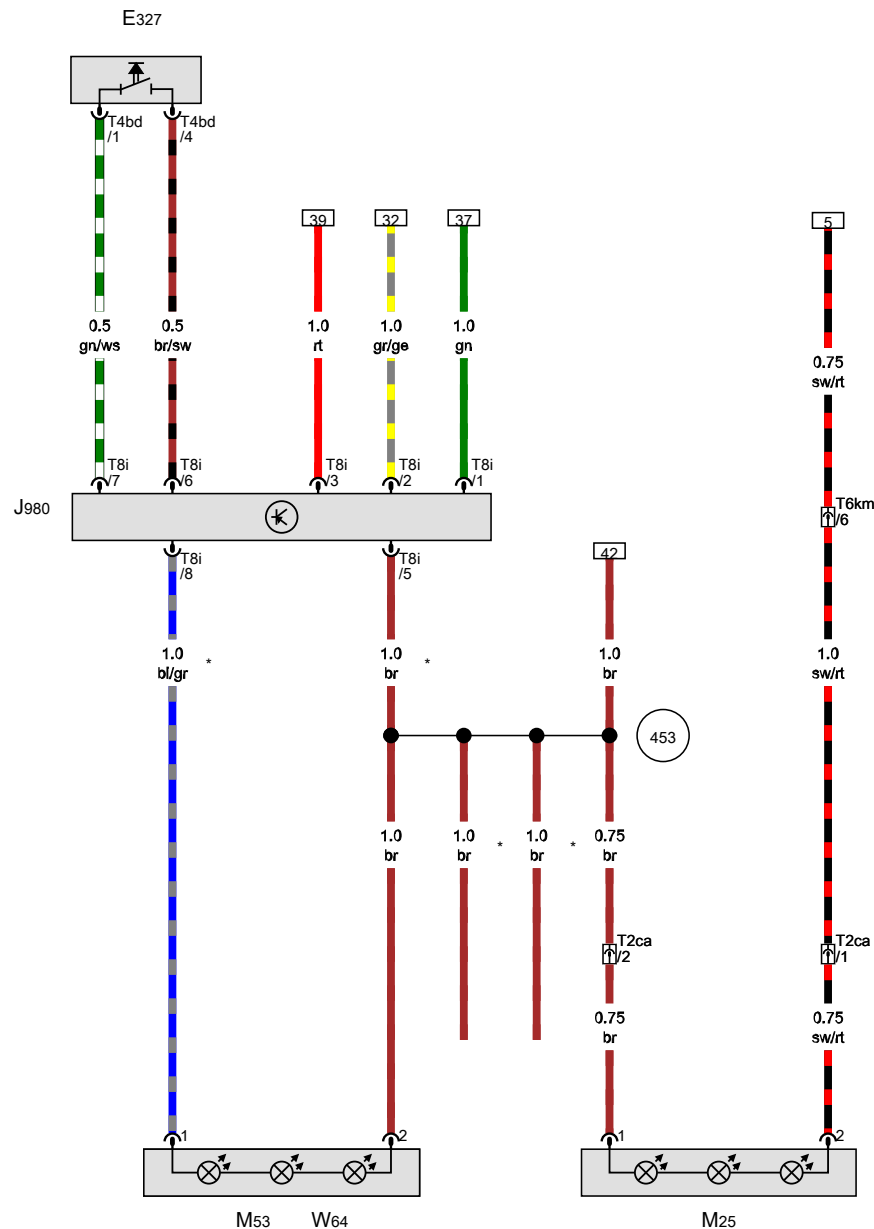
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Rear interior light button, Control unit for special installations, Additional brake light bulb, Load area illumination bulb

- E327 Rear interior light button, in left D-pillar
- J980 Control unit for special installations, near rear lid, behind moulded headliner
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- T2ca 2-pin connector, Coupling point for rear lid, black
- T4bd 4-pin connector, black
- T6km 6-pin connector, near rear lid, behind moulded headliner, black
- T8i 8-pin connector
- W64 Interior light

453 Earth connection 3, in optional equipment wiring harness

* Wiring open end



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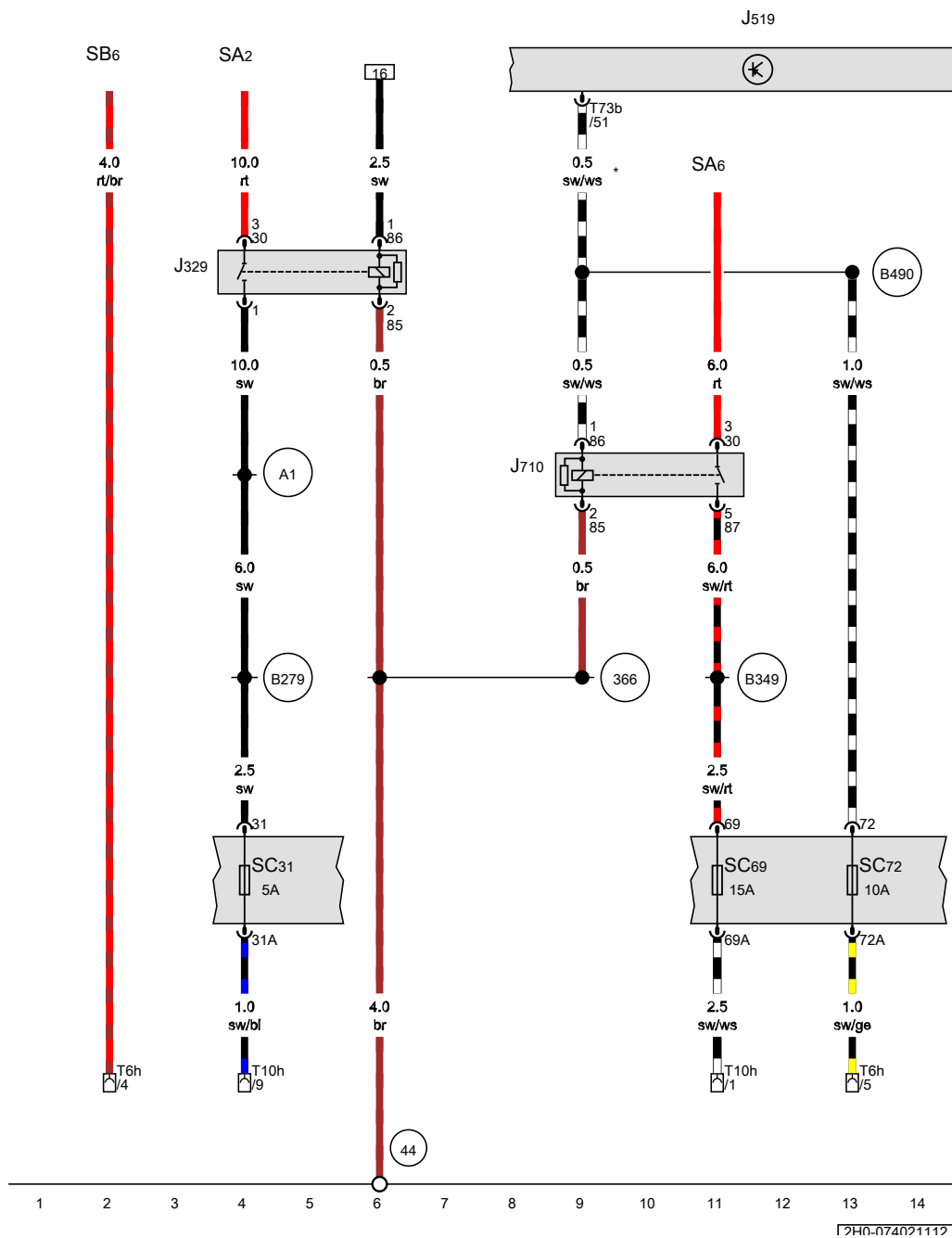
43 44 45 46 47 48 49 50 51 52 53 54 55 56

1740-0730511121

Interface for external use , (UF1)

From June 2012

Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 31 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C

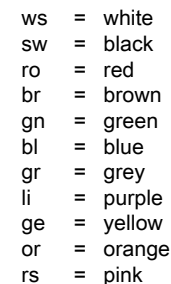


- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J710 Voltage supply relay 2, on relay carrier
- SA2 Fuse 2 in fuse holder A
- SB6 Fuse 6 on fuse holder B
- SA6 Fuse 6 in fuse holder A
- SC31 Fuse 31 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T6h 6-pin connector, in front centre console, grey
- T10h 10-pin connector, in left footwell, near centre console, purple
- T73b 73-pin connector, colourless

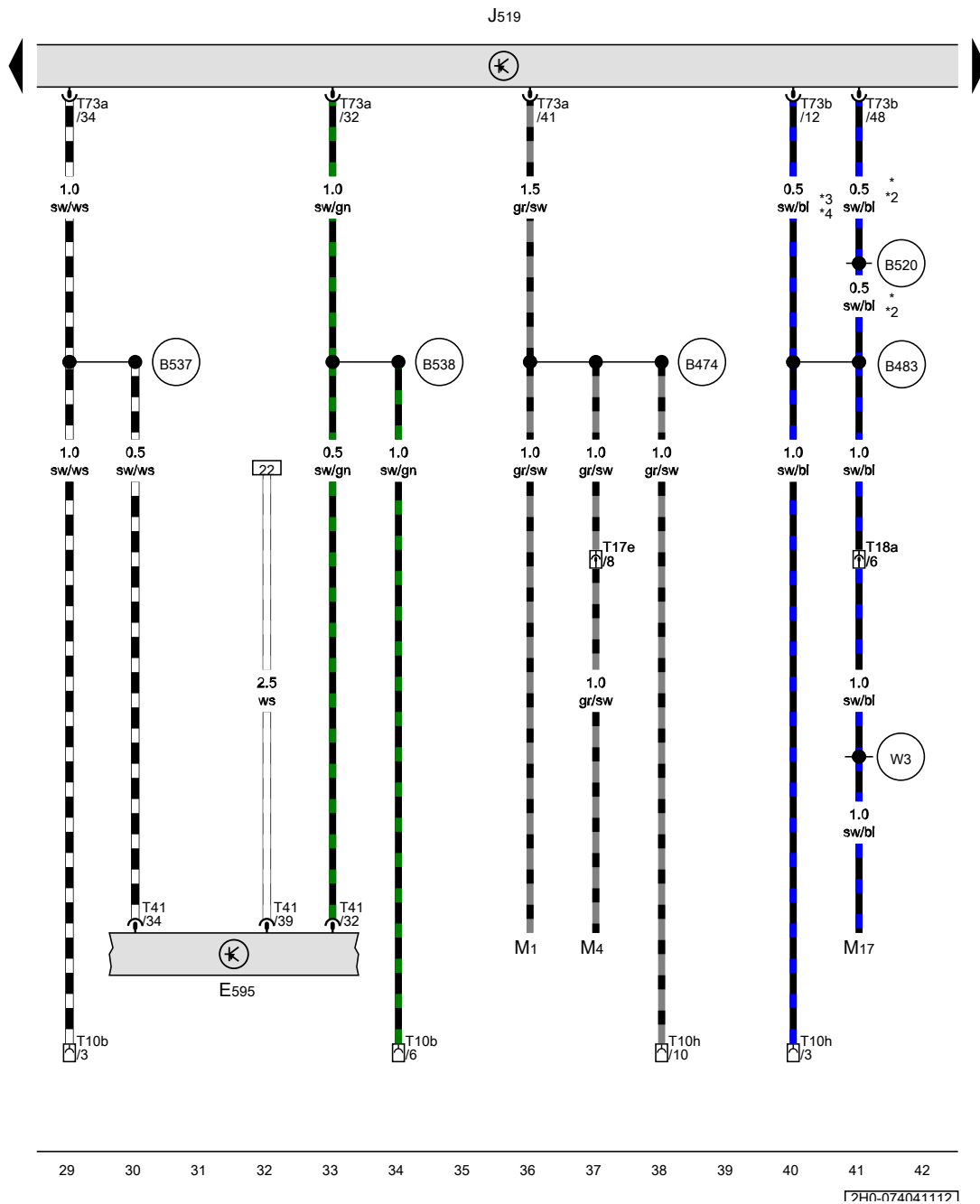
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A1 Positive connection (30a), in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B490 Connection 26, in main wiring harness

* Only models with no start/stop system

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



- A104 Positive connection 2 (15), in dash panel wiring harness
- B475 Connection 11, in main wiring harness
- B477 Connection 13, in main wiring harness
- B478 Connection 14, in main wiring harness
- B489 Connection 25, in main wiring harness



Onboard supply control unit

- E595 Steering column combination switch
- J519 Onboard supply control unit
- M1 Left side light bulb
- M4 Left tail light bulb
- M17 Right reversing light bulb
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B474 Connection 10, in main wiring harness

B483 Connection 19, in main wiring harness

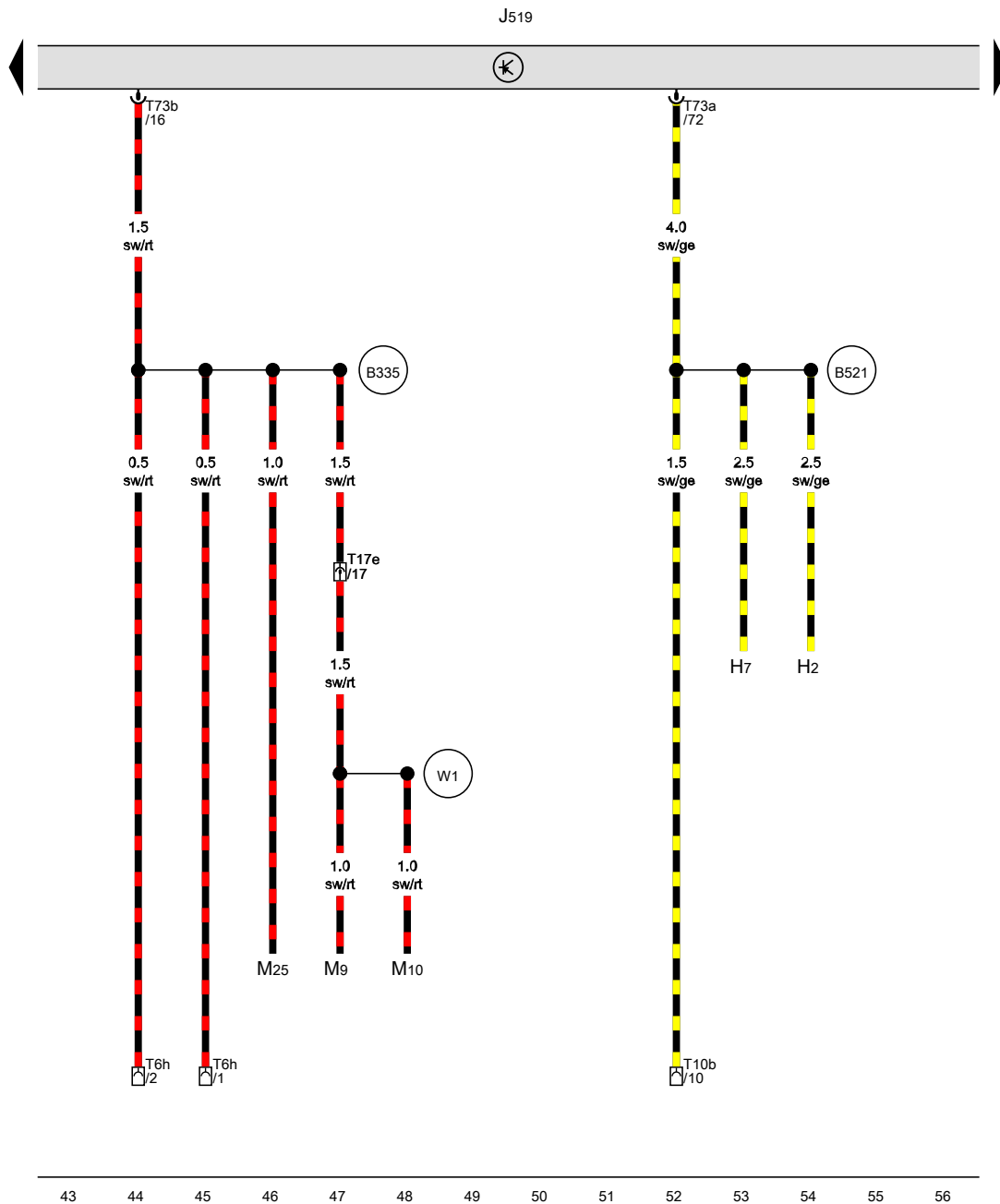
B520 Connection (RL), in main wiring harness

B537 Connection 28, in main wiring harness

B538 Connection 29, in main wiring harness

W3 Connection in rear wiring harness

- * Only models with manual gearbox
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with automatic driving lights control
- *4 Only models with automatic gearbox



Onboard supply control unit

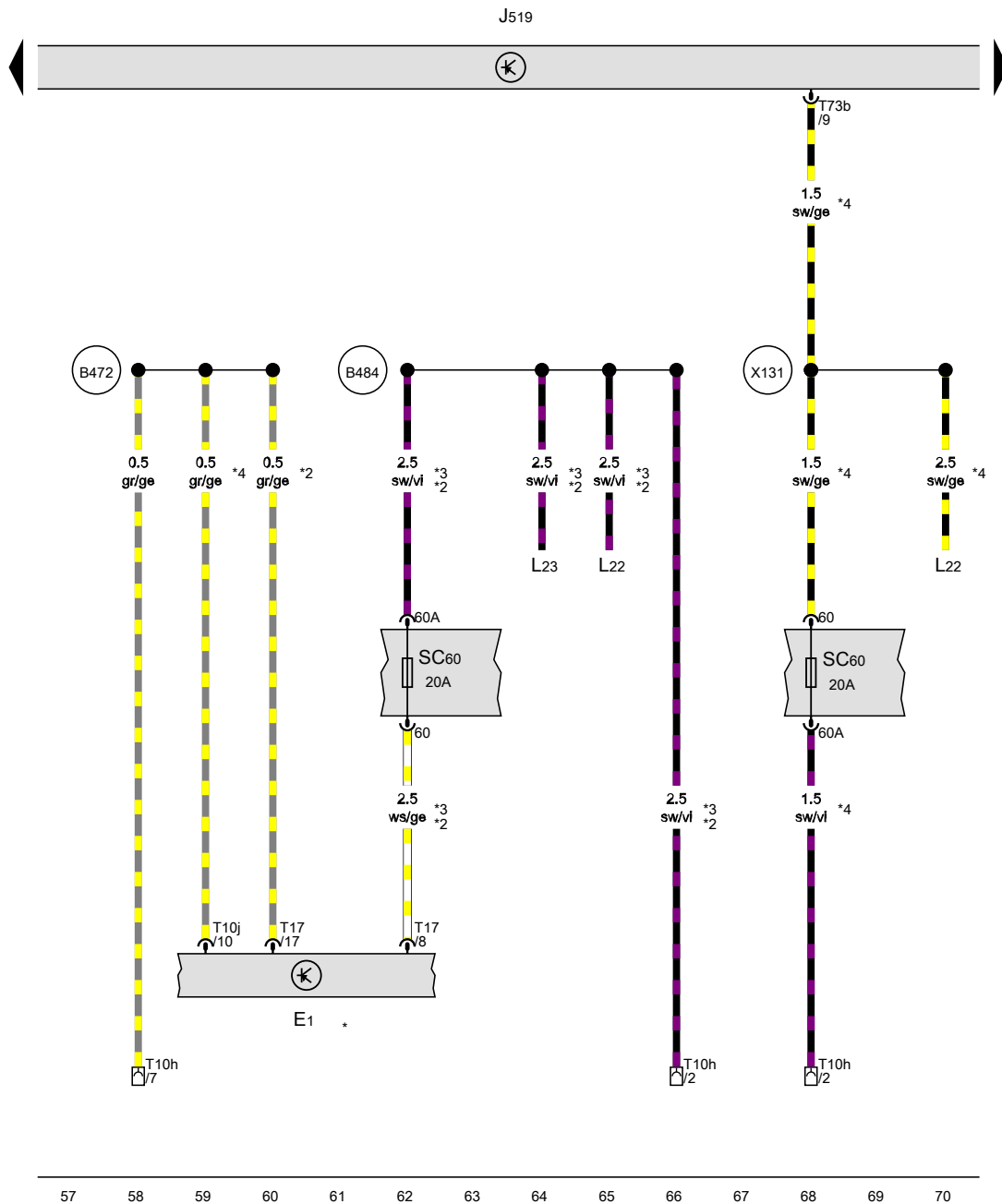
- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- M9 Left brake light bulb
- M10 Right brake light bulb
- M25 Additional brake light bulb
- T6h 6-pin connector, in front centre console, grey
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T17e 17-pin connector, near handbrake lever, red
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

(B335) Connection 1 (54), in main wiring harness

(B521) Connection (dual tone horn), in main wiring harness

(W1) Positive connection 1 (54), in rear wiring harness

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



Light switch, Onboard supply control unit

- E1 Light switch
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- SC60 Fuse 60 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T10j 10-pin connector, black
- T17 17-pin connector, black
- T73b 73-pin connector, colourless

B472 Connection 8, in main wiring harness

B484 Connection 20, in main wiring harness

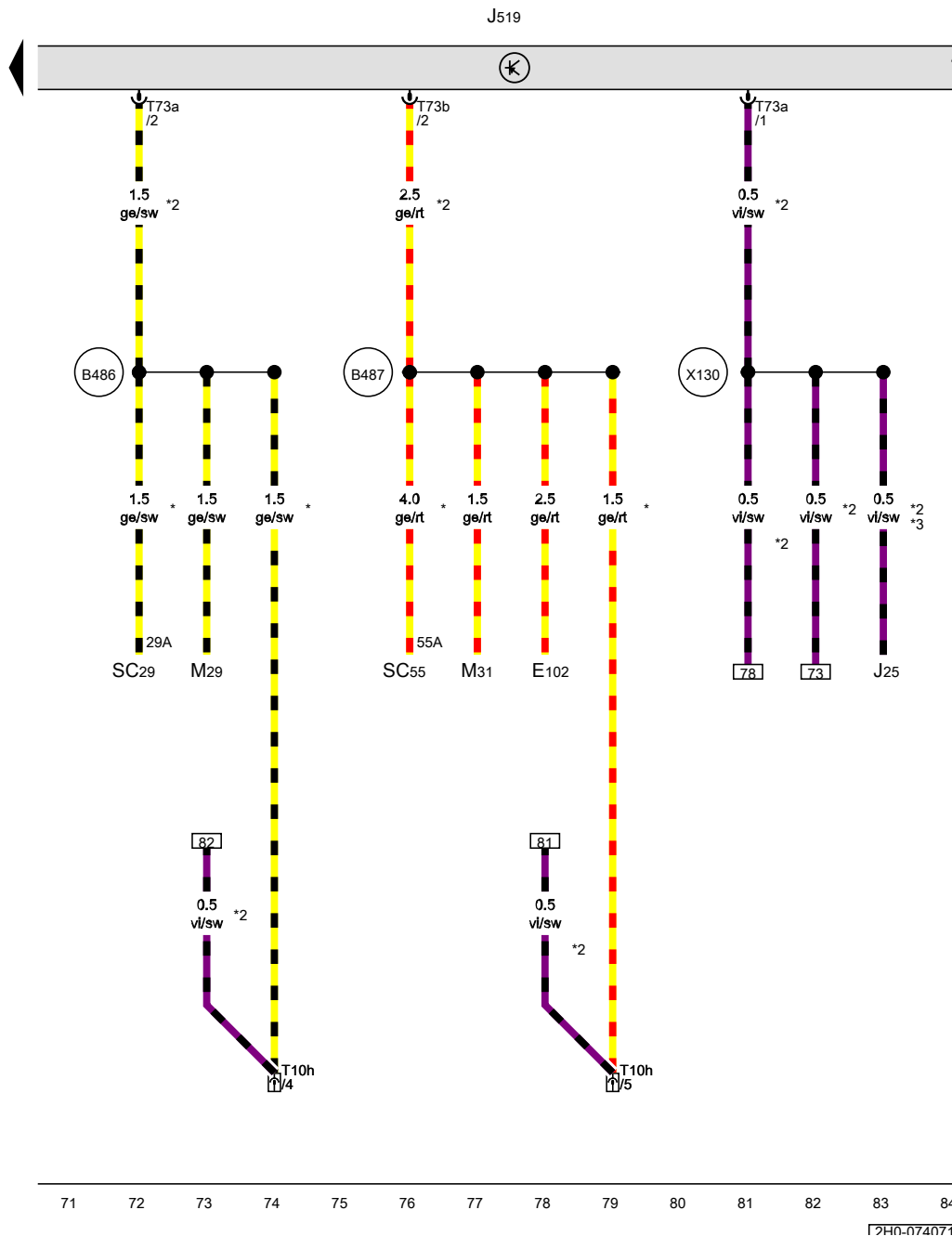
X131 Connection 4, in optional equipment wiring harness

* see applicable current flow diagram for exterior lighting

*2 Only models with no automatic headlight control with coming home

*3 Only models with fog lights

*4 Only models with automatic driving lights control



Onboard supply control unit, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

- E102 Headlight range control regulator
- J25 Headlight relay
- J519 Onboard supply control unit
- M29 Left headlight dipped beam bulb
- M31 Right headlight dipped beam bulb
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B486 Connection 22, in main wiring harness

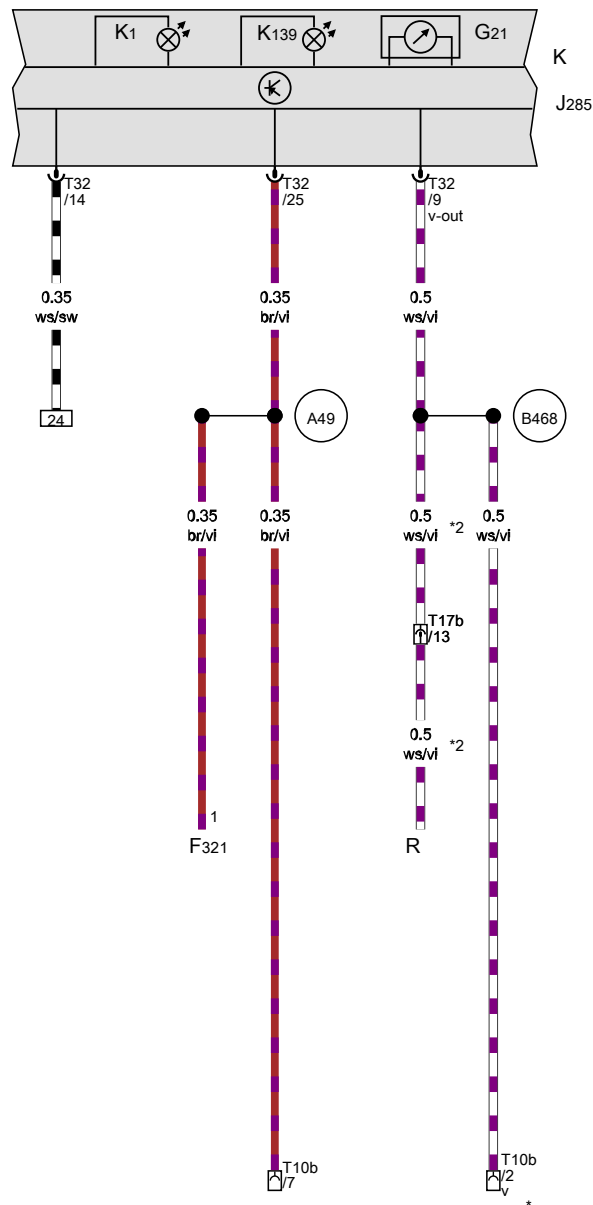
B487 Connection 23, in main wiring harness

X130 Connection 3, in optional equipment wiring harness

* Only models with no automatic headlight control with coming home

*2 Only models with automatic driving lights control

*3 see applicable current flow diagram for fuse assignment



Parking brake contact switch, Dash panel insert, Radio

- F321 Parking brake contact switch
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K139 Handbrake warning lamp
- R Radio
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T17b 17-pin connector, on left under dash panel, brown
- T32 32-pin connector, blue

A49 Connection 1, in dash panel wiring harness

B468 Connection 4, in main wiring harness

* Speed signal

*2 Only models with radio

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

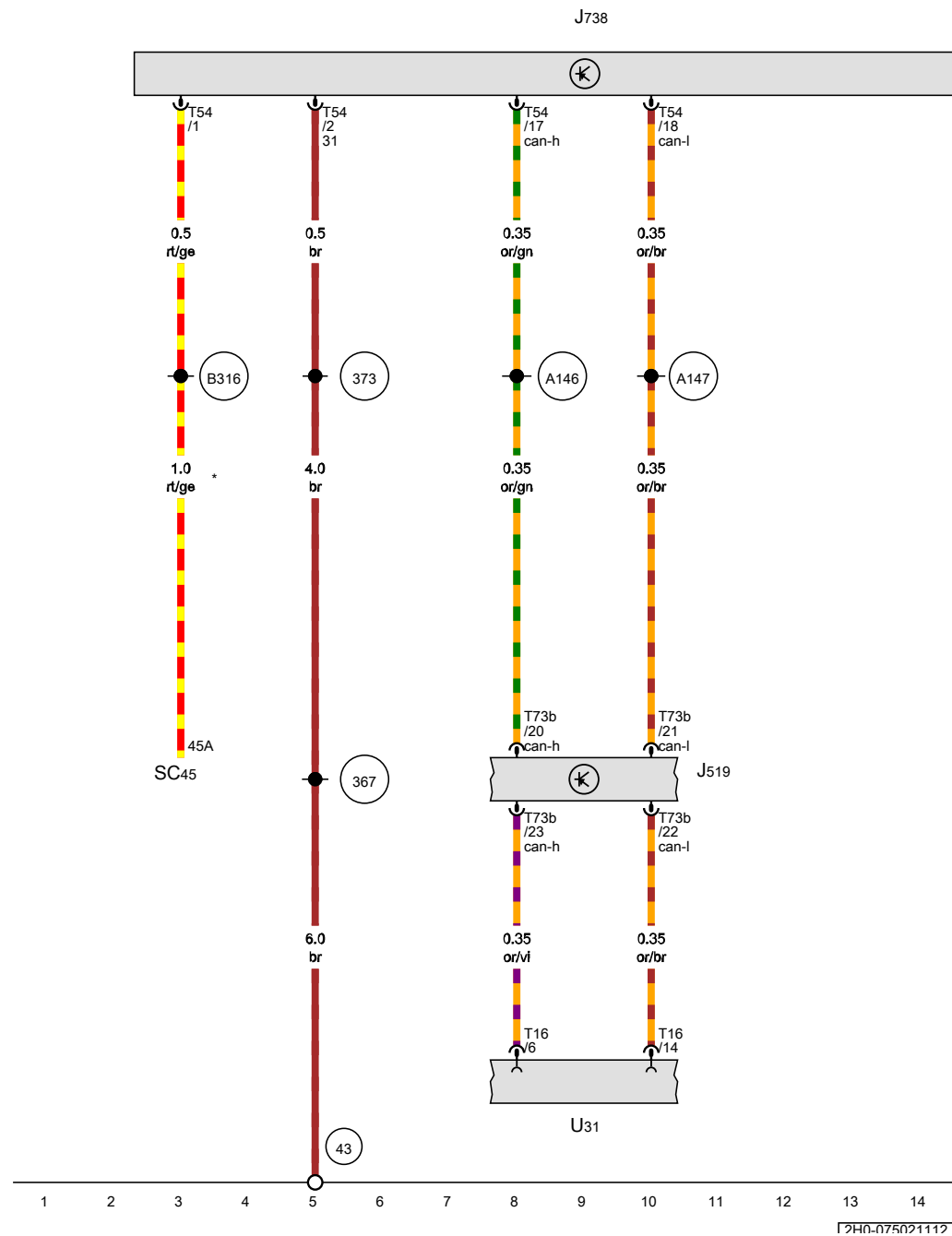
Preparation for mobile telephone , (9W7)

From June 2012

Onboard supply control unit, Telephone controls control unit, Fuse 45 on fuse holder C

J519 Onboard supply control unit
J738 Telephone controls control unit, under centre console
SC45 Fuse 45 on fuse holder C
T16 16-pin connector, black
T54 54-pin connector, black
T73b 73-pin connector, colourless
U31 Diagnostic connection

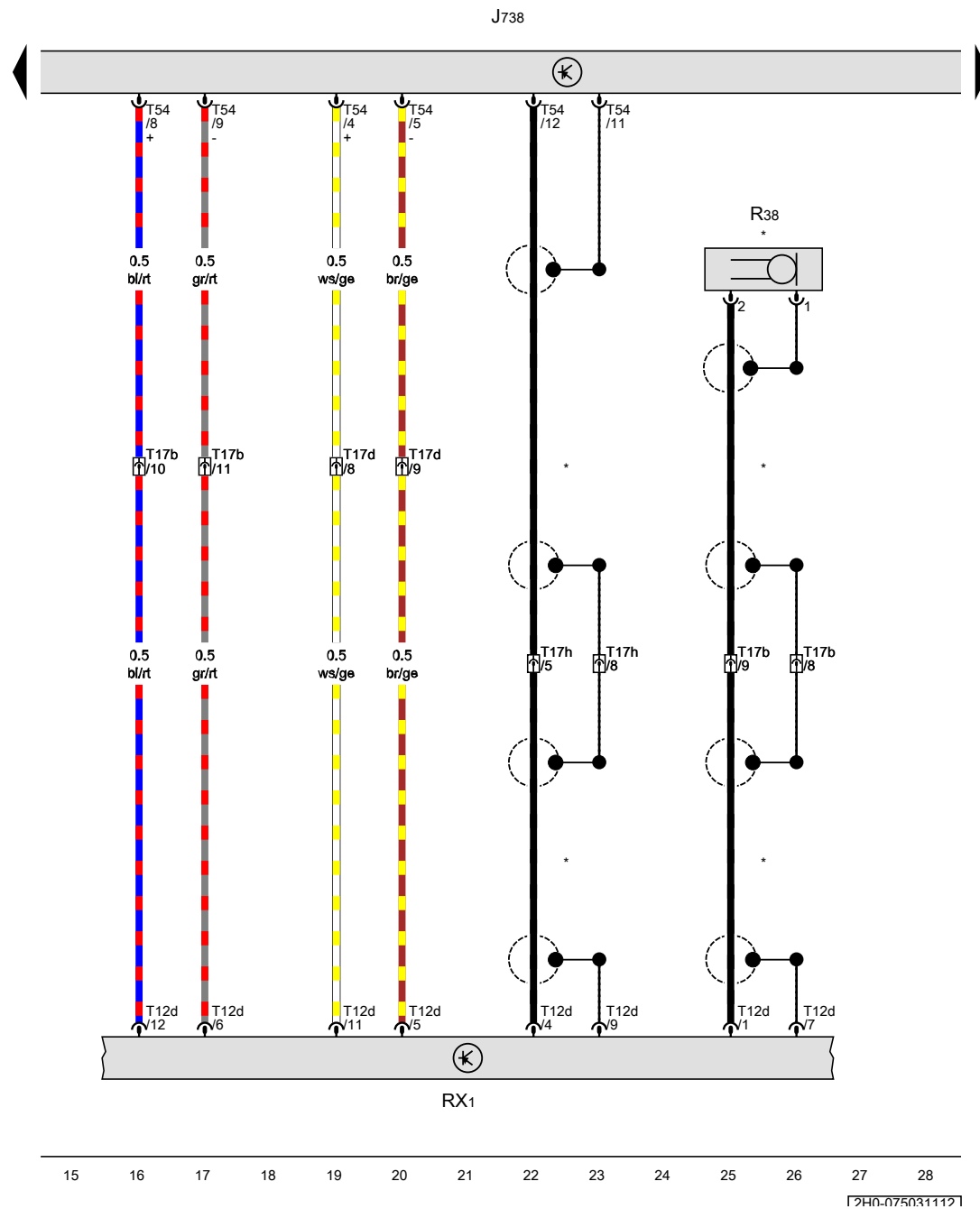
- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- * Cross-section 1.5 possible



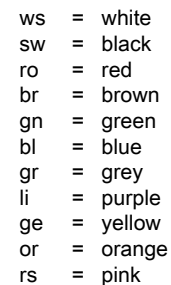
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Telephone controls control unit, Radio/RNS

- J738 Telephone controls control unit, under centre console
 RX1 Radio/RNS
 R38 Telephone microphone
 T12d 12-pin connector, green
 T17b 17-pin connector, on left under dash panel, brown
 T17d 17-pin connector, on left under dash panel, green
 T17h 17-pin connector, on left under dash panel, blue
 T54 54-pin connector, black
 * Only models with radio navigation system RNS 510



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

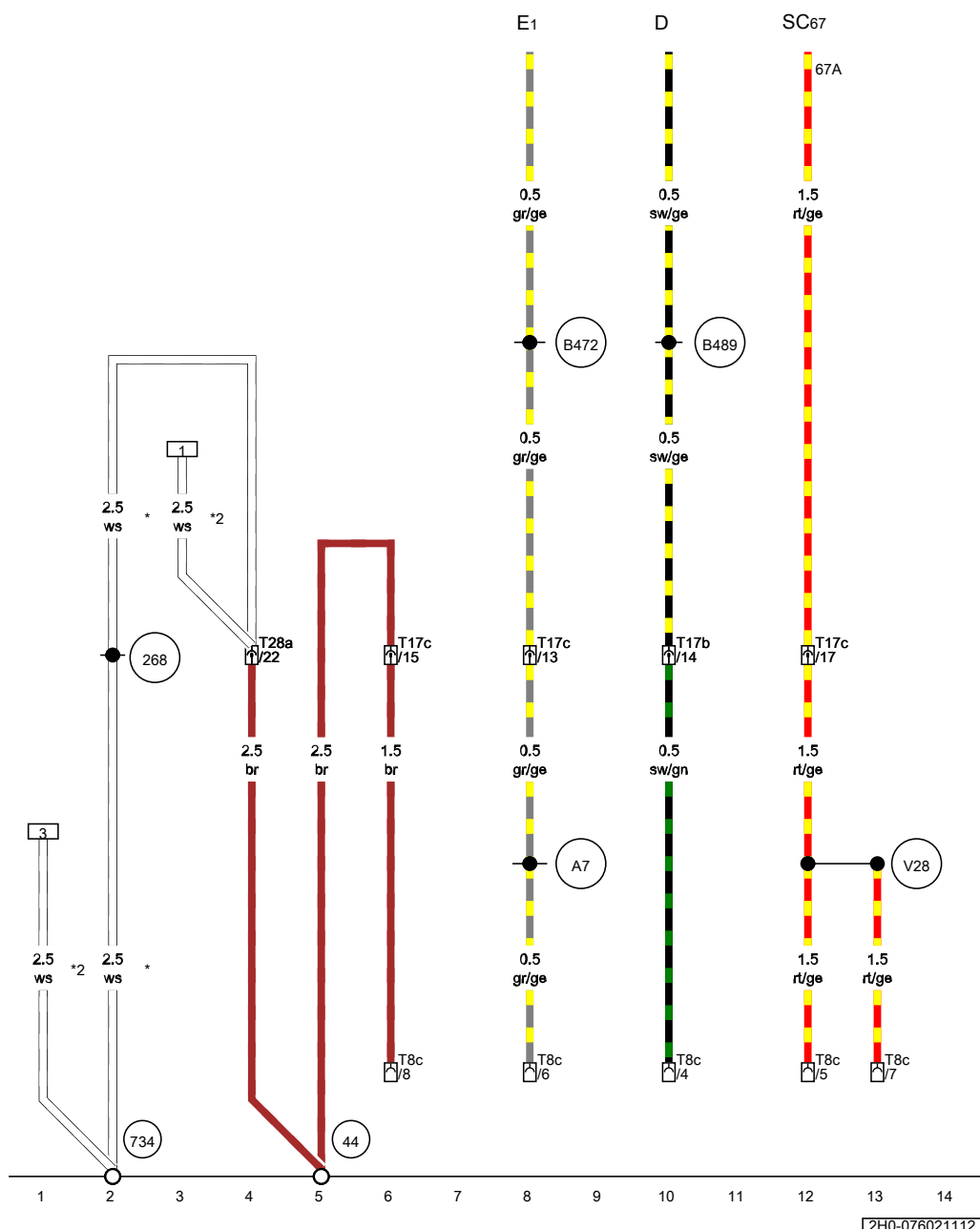


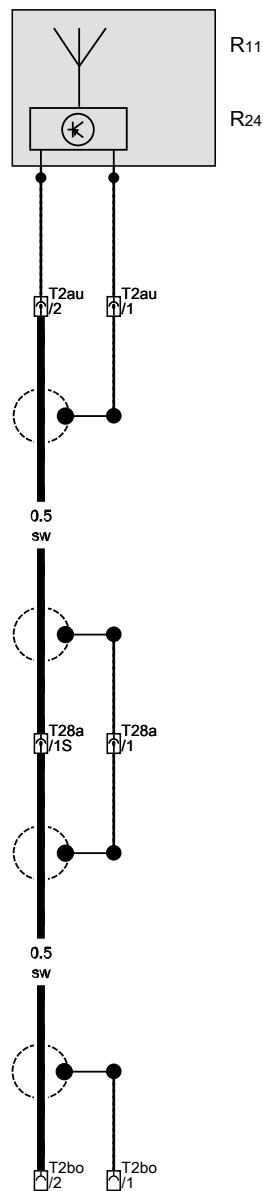
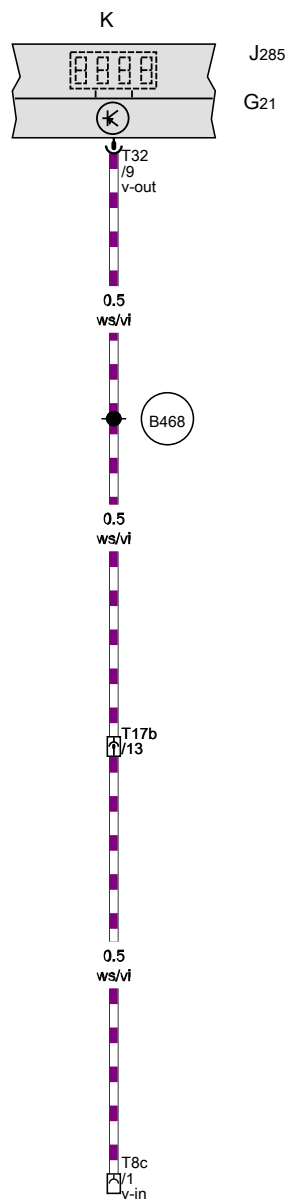
- 61 Earth point, left C-pillar
- 370 Earth connection 5, in main wiring harness
- B472 Connection 8, in main wiring harness
- * Only models with no navigation system

Preparation for radio

From June 2012

Ignition/starter switch, Light switch, Fuse 67 on fuse holder C





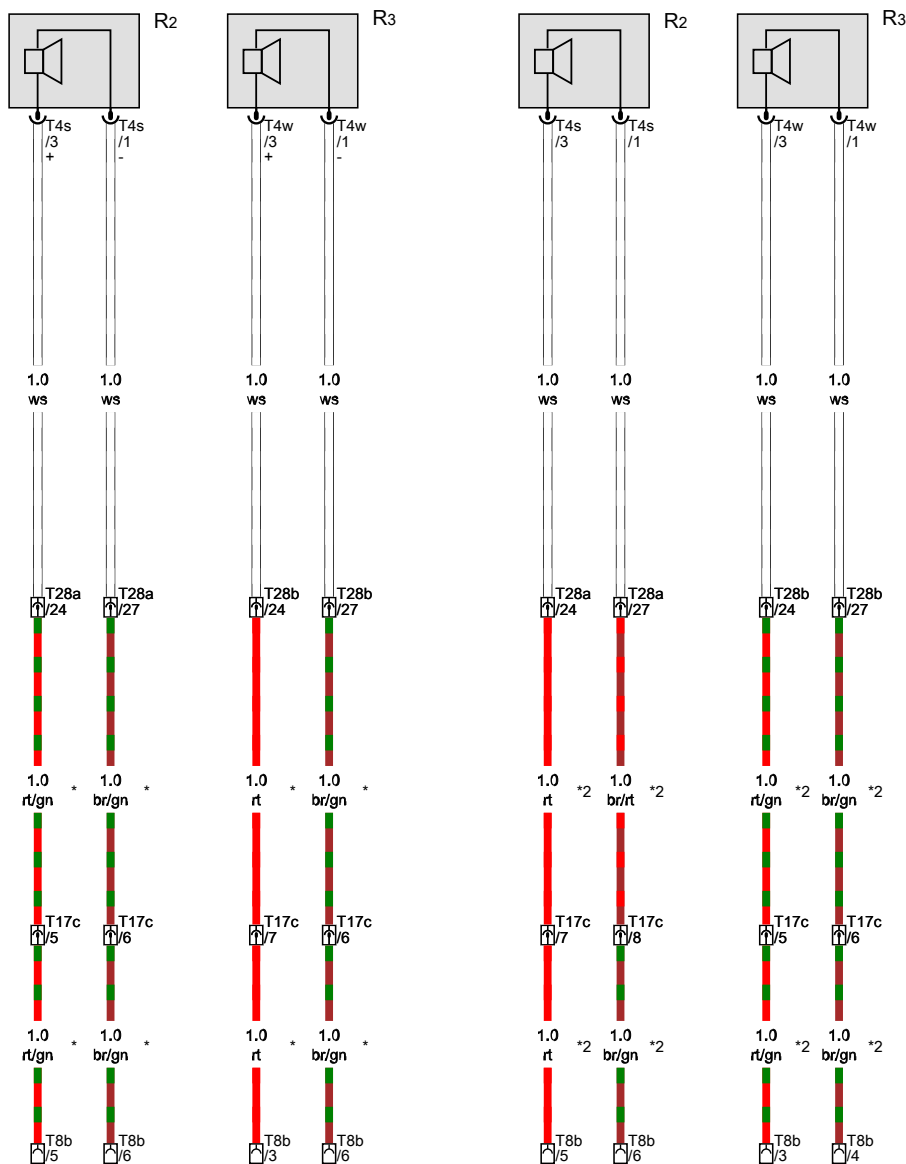
Dash panel insert, Aerial, Aerial amplifier

- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- R11 Aerial, in front passenger side exterior mirror housing
- R24 Aerial amplifier
- T2au 2-pin connector, in left door, near exterior mirror
- T2bo 2-pin connector
- T8c 8-pin connector, in slot for radio, centre of dash panel, black
- T17b 17-pin connector, on relay carrier, brown
- T28a 28-pin connector, on left A-pillar, black
- T32 32-pin connector
- B468 Connection 4, in main wiring harness

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

Front left loudspeaker, Front right loudspeaker

- R2 Front left loudspeaker
- R3 Front right loudspeaker
- T4s 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector, in slot for radio, centre of dash panel, brown
- T17c 17-pin connector, on left under dash panel
- T28a 28-pin connector, on left A-pillar, black
- T28b 28-pin connector, on right A-pillar, black
- * Only left-hand drive models
- *2 Only right-hand drive models



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

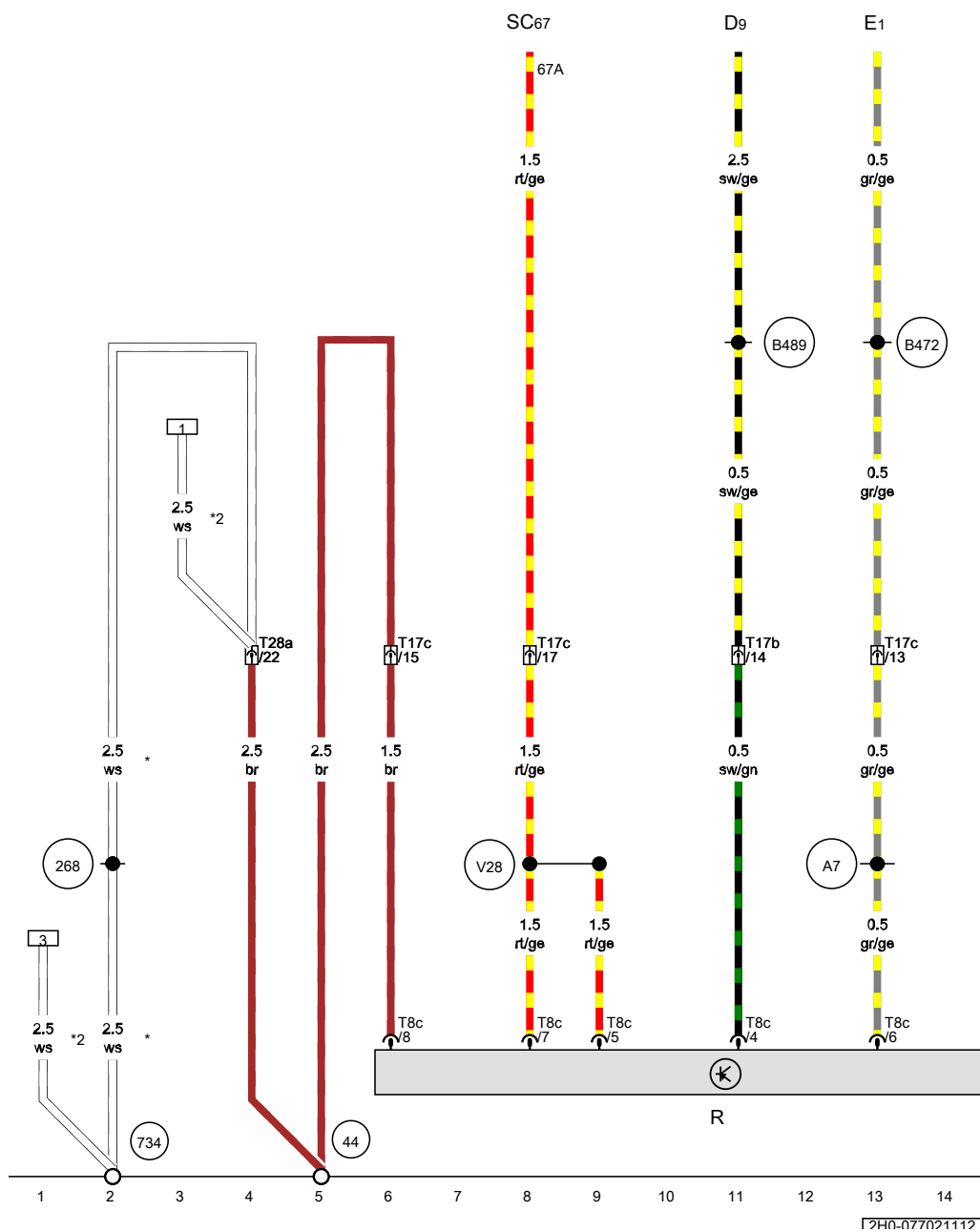
29 30 31 32 33 34 35 36 37 38 39 40 41 42

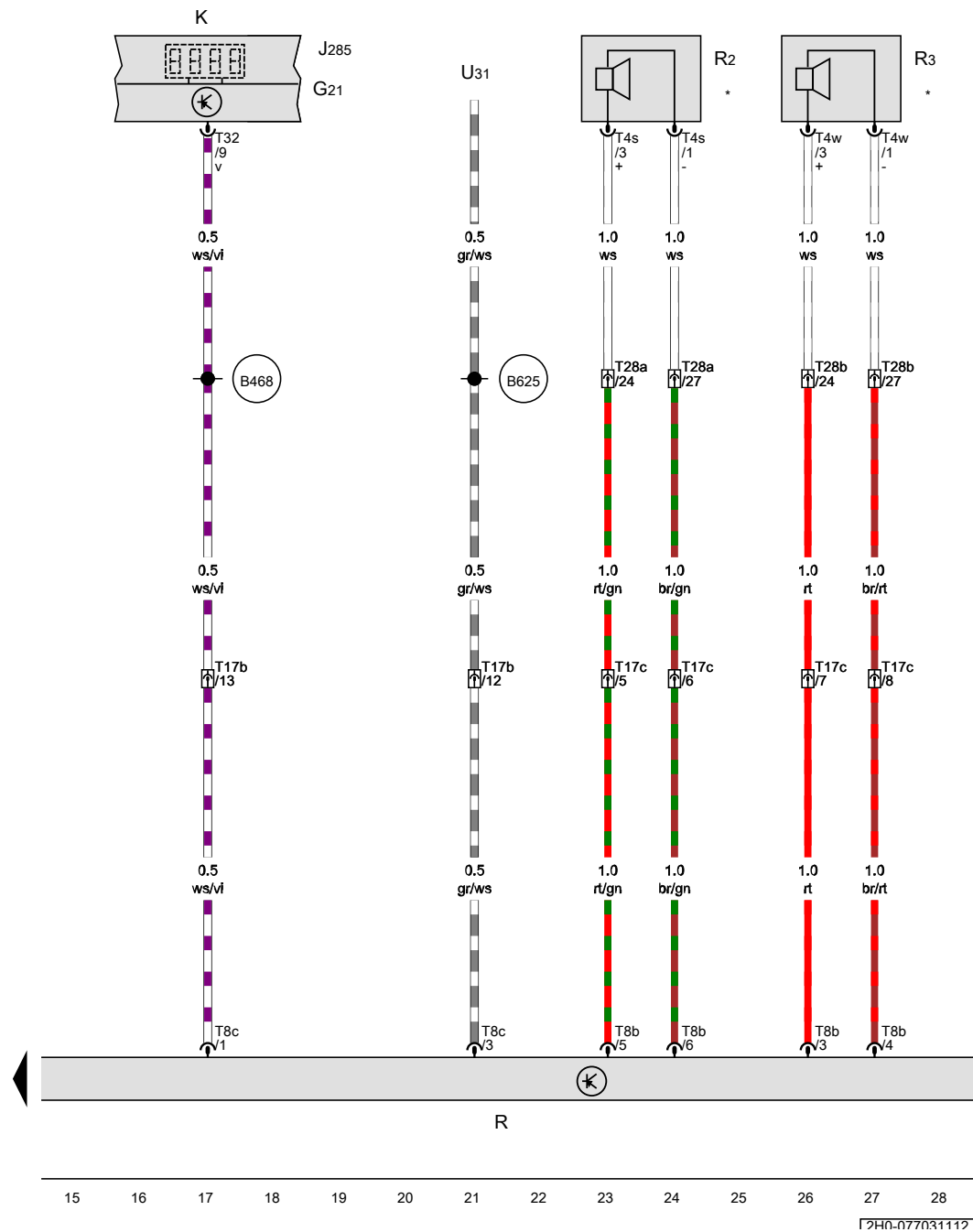
17H0-0760411171

Radio system , (8AN),(8AG)

From June 2012

Electronic ignition lock, Light switch, Radio, Fuse 67 on fuse holder C

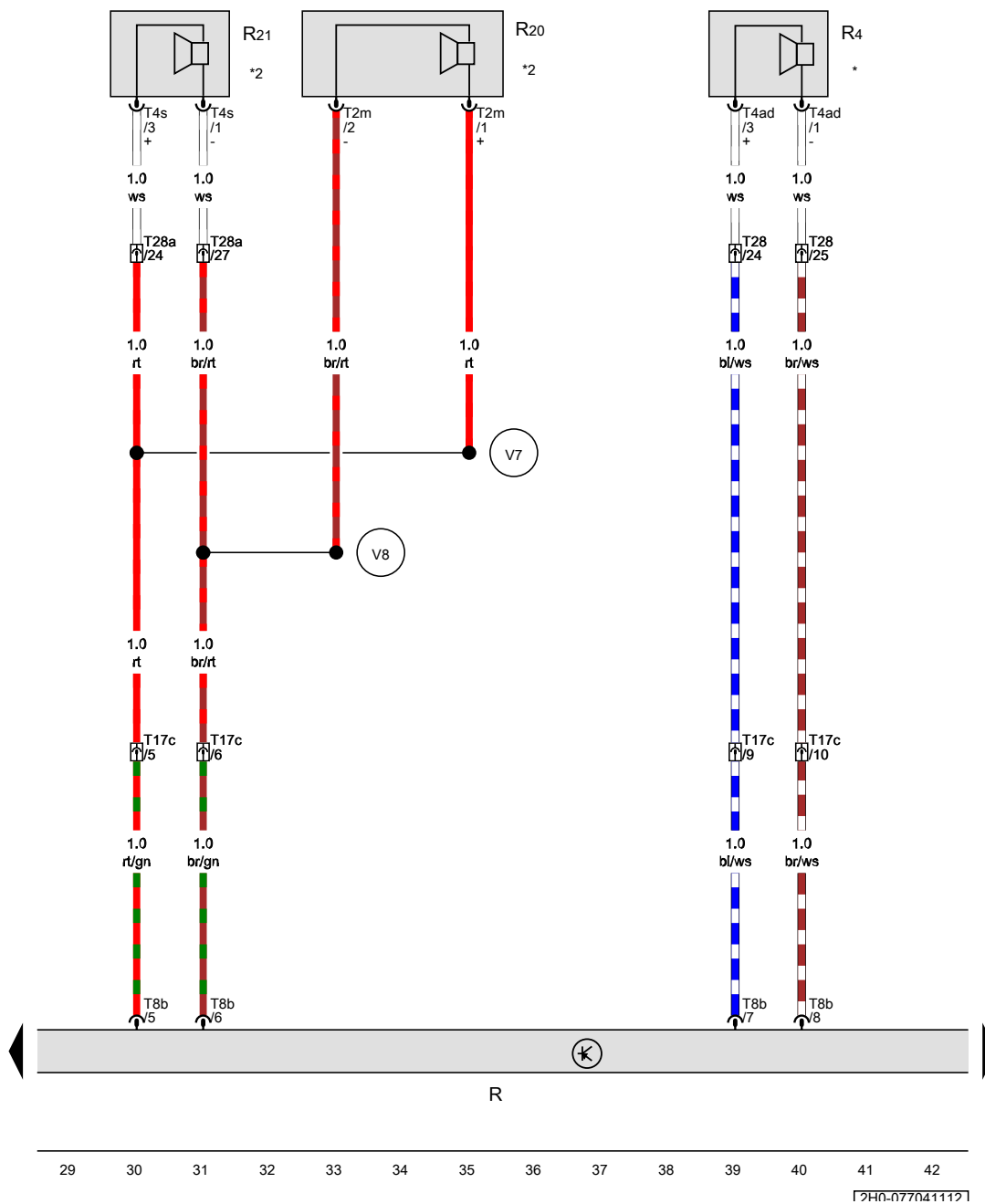




Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

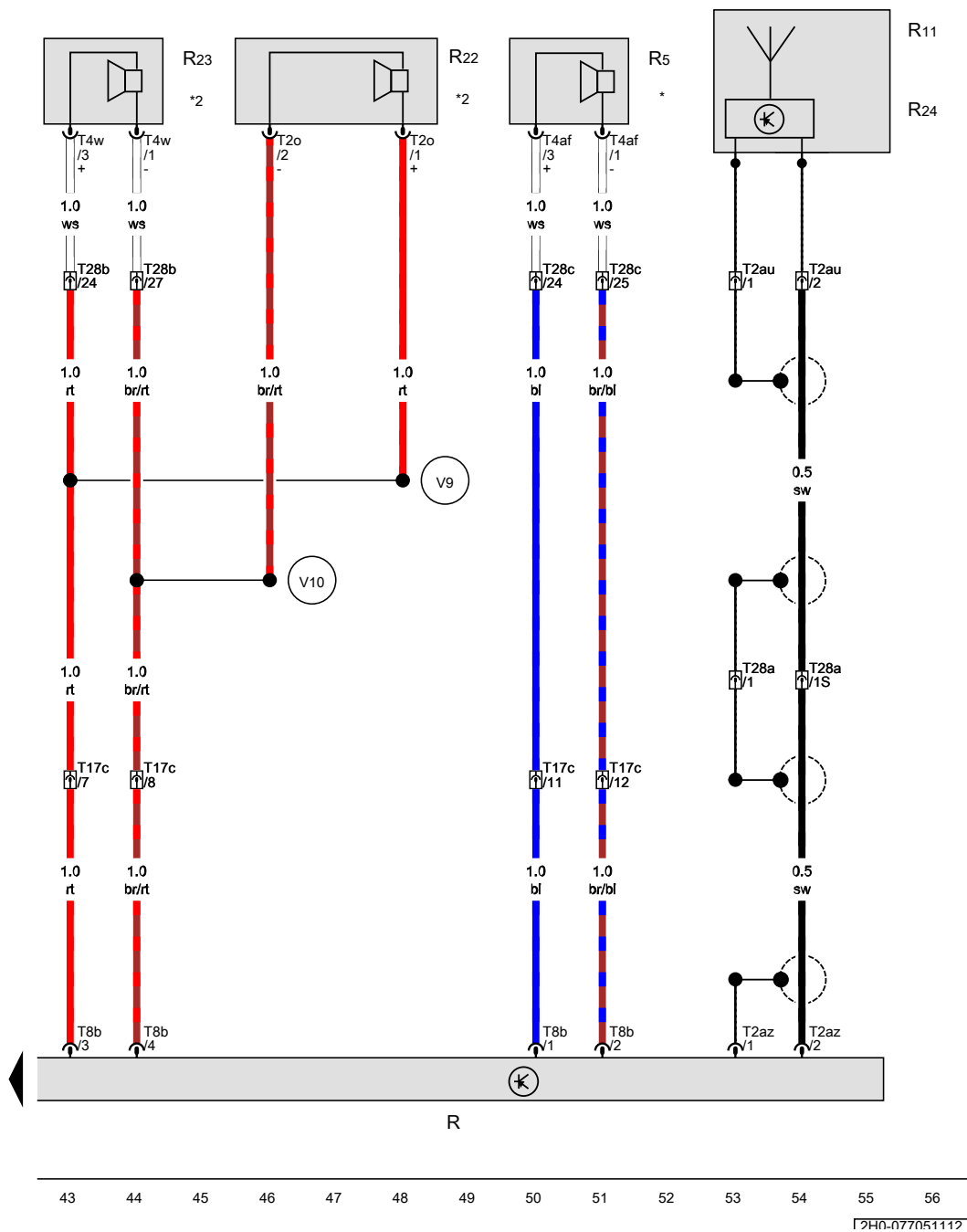
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- R Radio
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- T4s 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector, brown
- T8c 8-pin connector, black
- T17b 17-pin connector, on left under dash panel, brown
- T17c 17-pin connector, on left under dash panel
- T28a 28-pin connector, black
- T28b 28-pin connector, on right A-pillar, black
- T32 32-pin connector
- U31 Diagnostic connection
- B468 Connection 4, in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- * Only models with 2 loudspeakers (8RD)

Radio, Rear left loudspeaker, Front left treble loudspeaker,
Front left bass loudspeaker



- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8b 8-pin connector, brown
- T17c 17-pin connector, on left under dash panel
- T28 28-pin connector, black
- T28a 28-pin connector, black
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

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



Radio, Rear right loudspeaker, Aerial, Front right treble loudspeaker, Front right bass loudspeaker, Aerial amplifier

- R Radio
- R5 Rear right loudspeaker
- R11 Aerial
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R24 Aerial amplifier
- T2au 2-pin connector, in left door, near exterior mirror, black
- T2az 2-pin connector
- T2o 2-pin connector
- T4af 4-pin connector
- T4w 4-pin connector
- T8b 8-pin connector, brown
- T17c 17-pin connector, on left under dash panel
- T28a 28-pin connector, black
- T28b 28-pin connector, on right A-pillar, black
- T28c 28-pin connector, on right B-pillar, black
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

Radio system , (8UA),(8AE),(8DD)

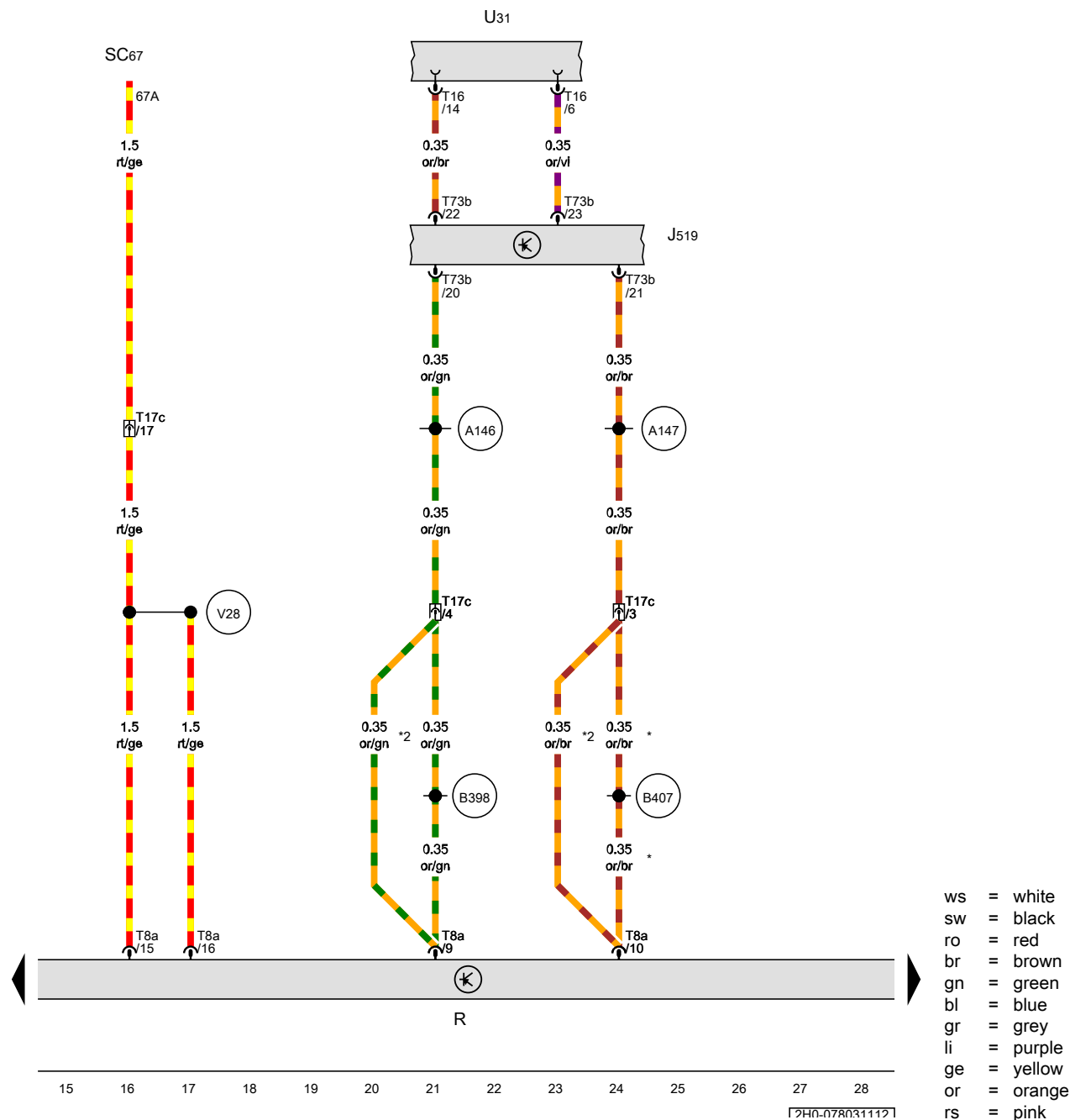
From June 2012

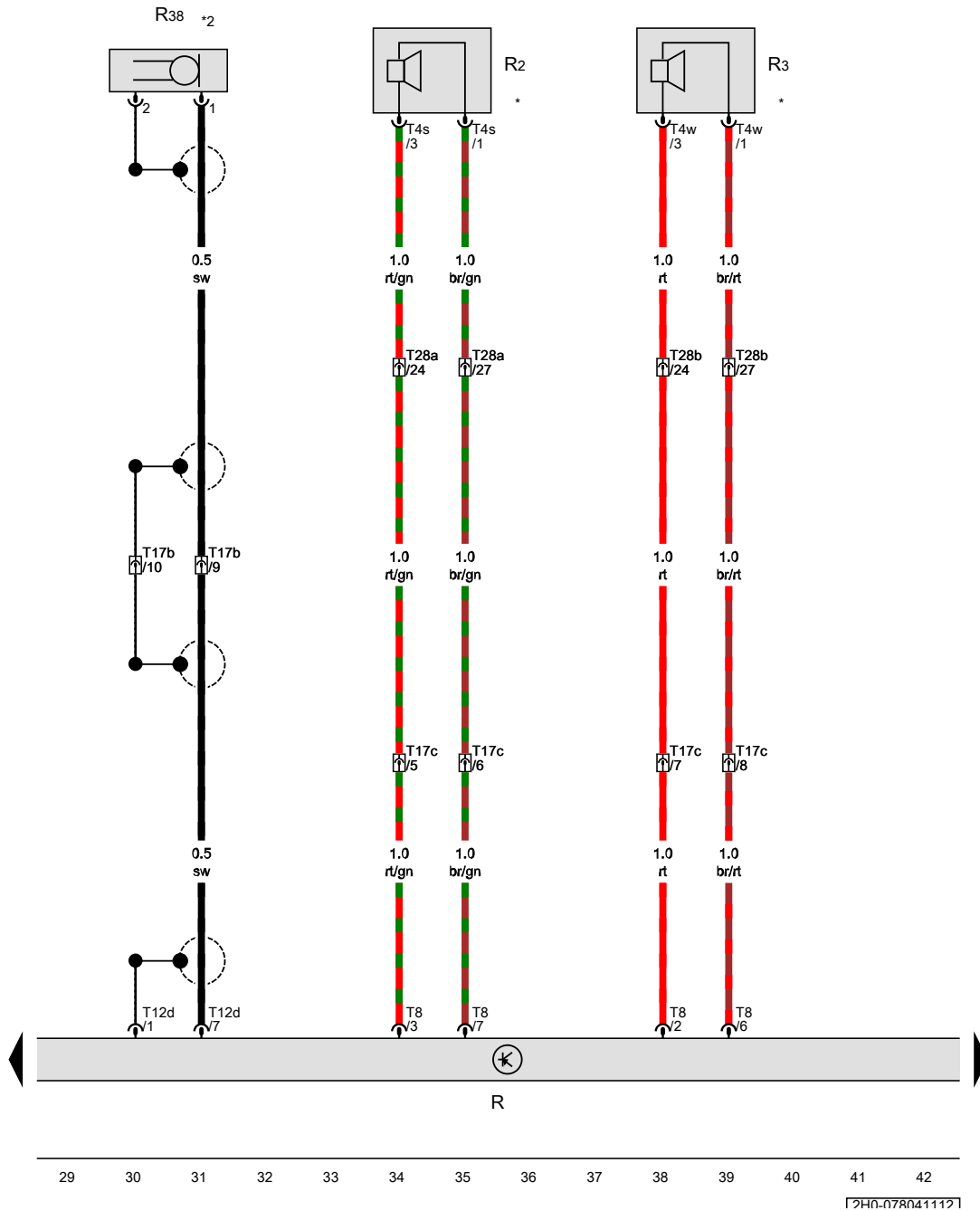
Radio, Fuse 67 on fuse holder C, Diagnostic connection

J519 Onboard supply control unit
R Radio
SC67 Fuse 67 on fuse holder C
T8a 8-pin connector, black
T16 16-pin connector, black
T17c 17-pin connector, on left under dash panel
T73b 73-pin connector
U31 Diagnostic connection, near driver side A-pillar

A146 Connection (convenience CAN bus, high), in dash panel wiring harness
A147 Connection (convenience CAN bus, low), in dash panel wiring harness
B398 Connection 2 (convenience CAN bus, high), in main wiring harness
B407 Connection 2 (convenience CAN bus, low), in main wiring harness
V28 Connection 1, in radio wiring harness

* From February 1995
*2 Up to January 1995



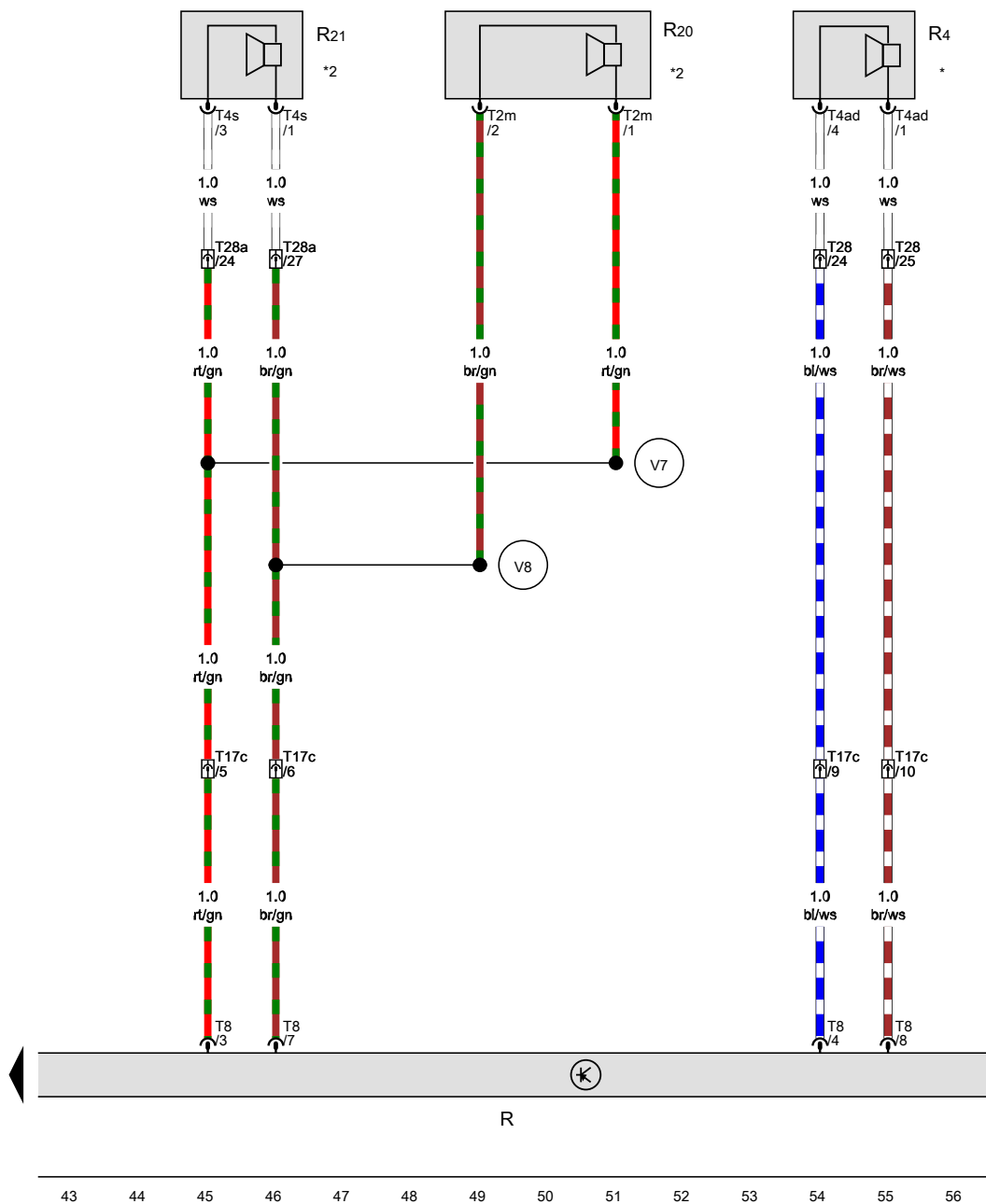


Radio, Front left loudspeaker, Front right loudspeaker,
Telephone microphone

R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone, near interior mirror
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T12d	12-pin connector, green
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

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

Radio, Rear left loudspeaker, Front left treble loudspeaker,
Front left bass loudspeaker

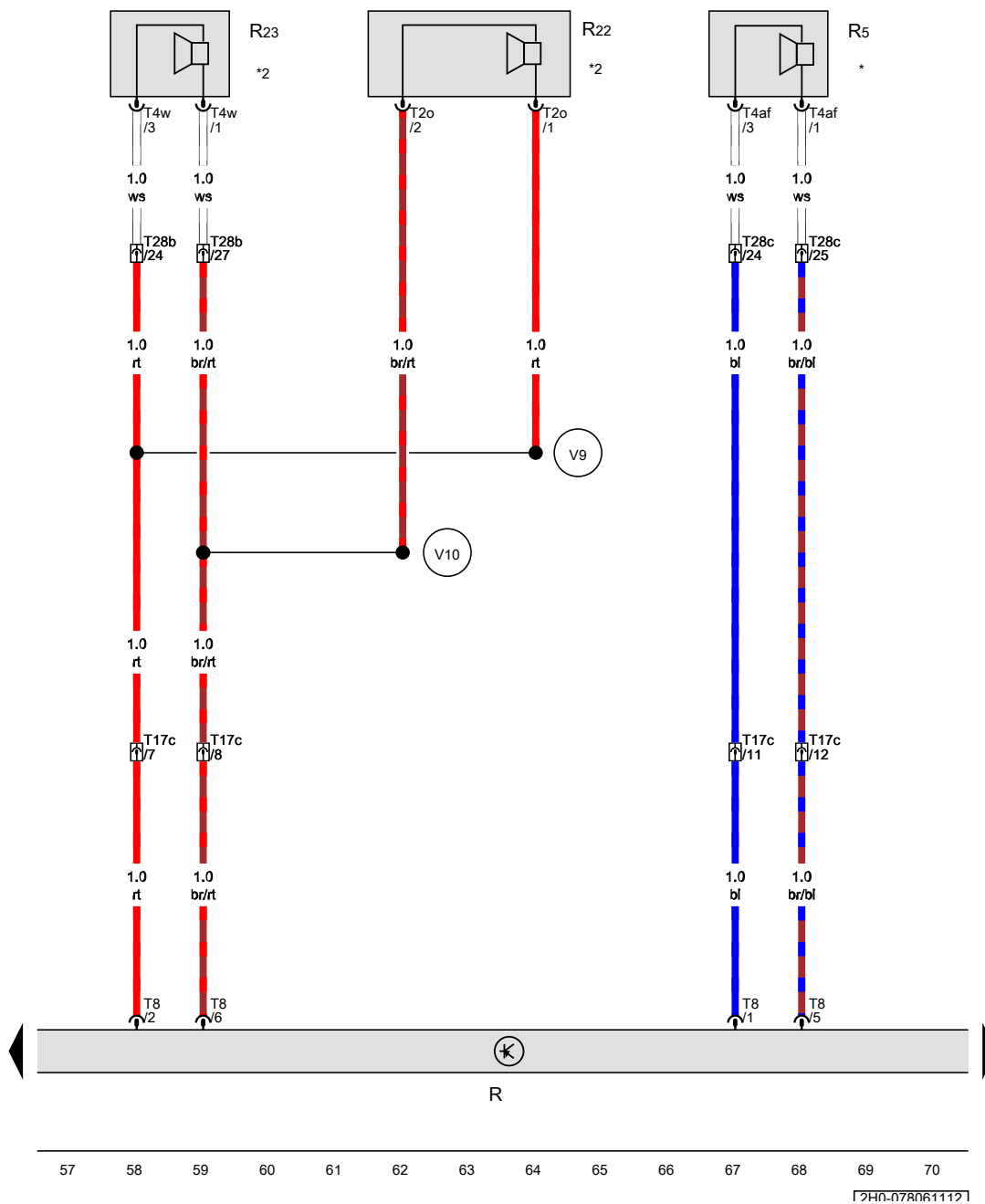


- R Radio
- R4 Rear left loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- T2m 2-pin connector
- T4ad 4-pin connector
- T4s 4-pin connector
- T8 8-pin connector, brown
- T17c 17-pin connector, on left under dash panel
- T28 28-pin connector, on left B-pillar, black
- T28a 28-pin connector, on left A-pillar, black
- V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness
- V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers

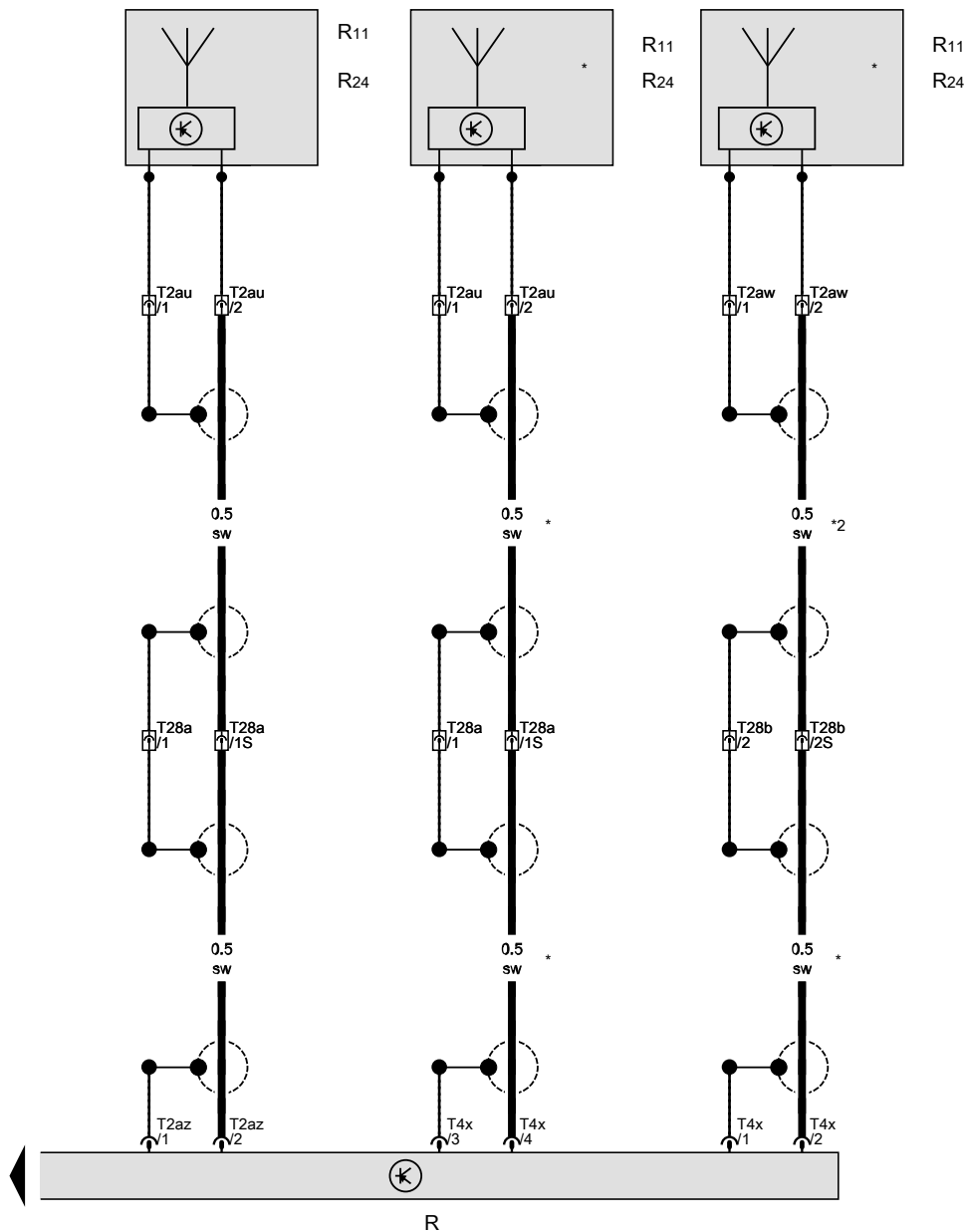
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

17H0-0780511121

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker



- R Radio
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2o 2-pin connector
- T4af 4-pin connector
- T4w 4-pin connector
- T8 8-pin connector, brown
- T17c 17-pin connector, on left under dash panel
- T28b 28-pin connector, on right A-pillar, black
- T28c 28-pin connector, on right B-pillar, black
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers



Radio, Aerial, Aerial amplifier

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror, black
T2aw	2-pin connector, in right door, near exterior mirror, black
T2az	2-pin connector, colourless
T4x	4-pin connector, colourless
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only models with radio RCD 310/RCD 510
*2	Only models with radio and amplifier

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

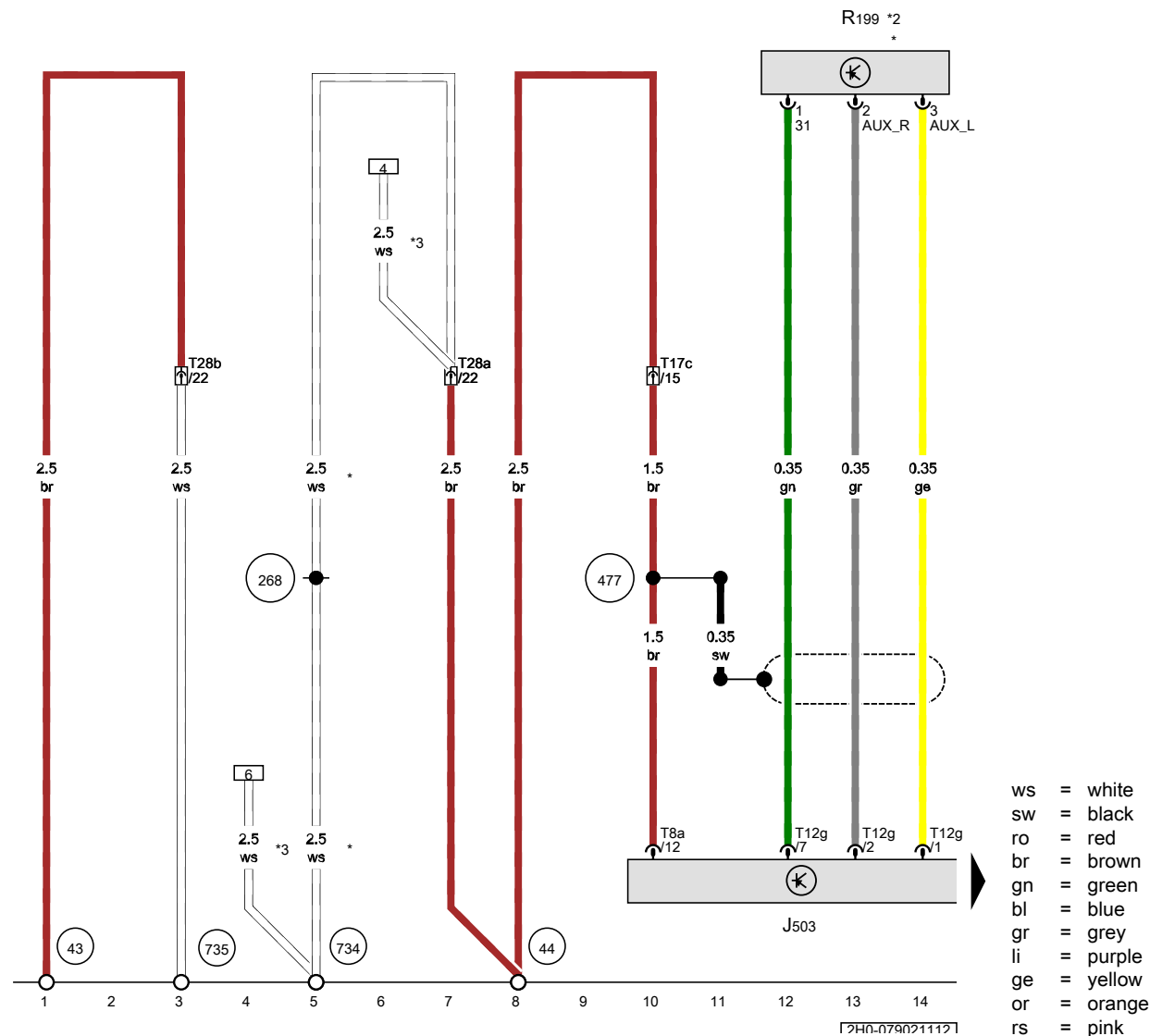
Radio navigation system , (8AY),(7UC),(7UK),(7T6)

From June 2012

Control unit with display for radio and navigation,
Connection for external audio sources

- J503 Control unit with display for radio and navigation
- R199 Connection for external audio sources
- T8a 8-pin connector, black
- T12g 12-pin connector, blue
- T17c 17-pin connector, on left under dash panel
- T28a 28-pin connector, on left A-pillar, black
- T28b 28-pin connector, on right A-pillar, black

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 268 Earth connection 2, in front passenger side door wiring harness
- 477 Earth connection (audio), in main wiring harness
- 734 Earth point in front left door
- 735 Earth point in front right door
- * From February 2013
- *2 According to equipment
- *3 Up to January 2013

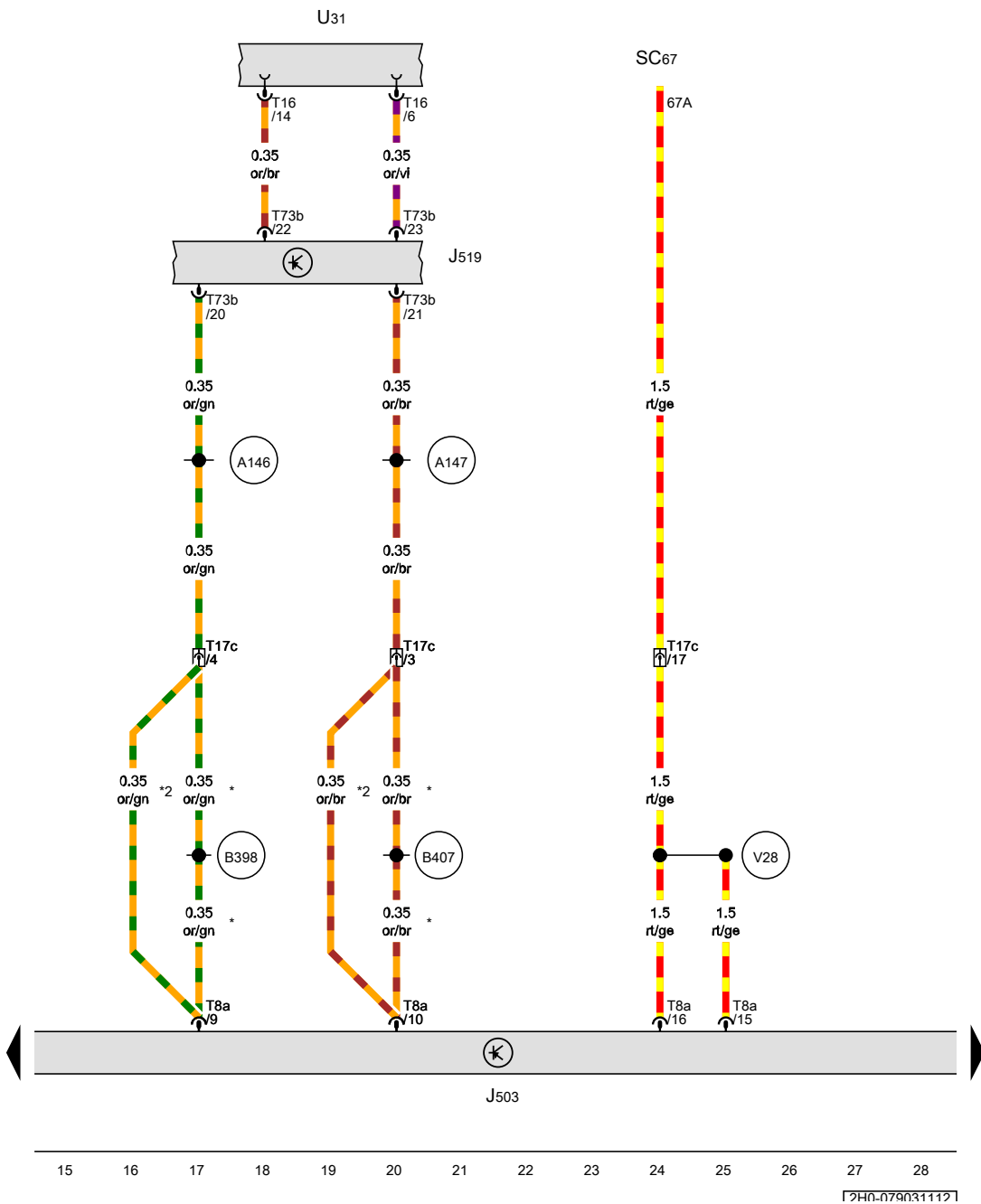


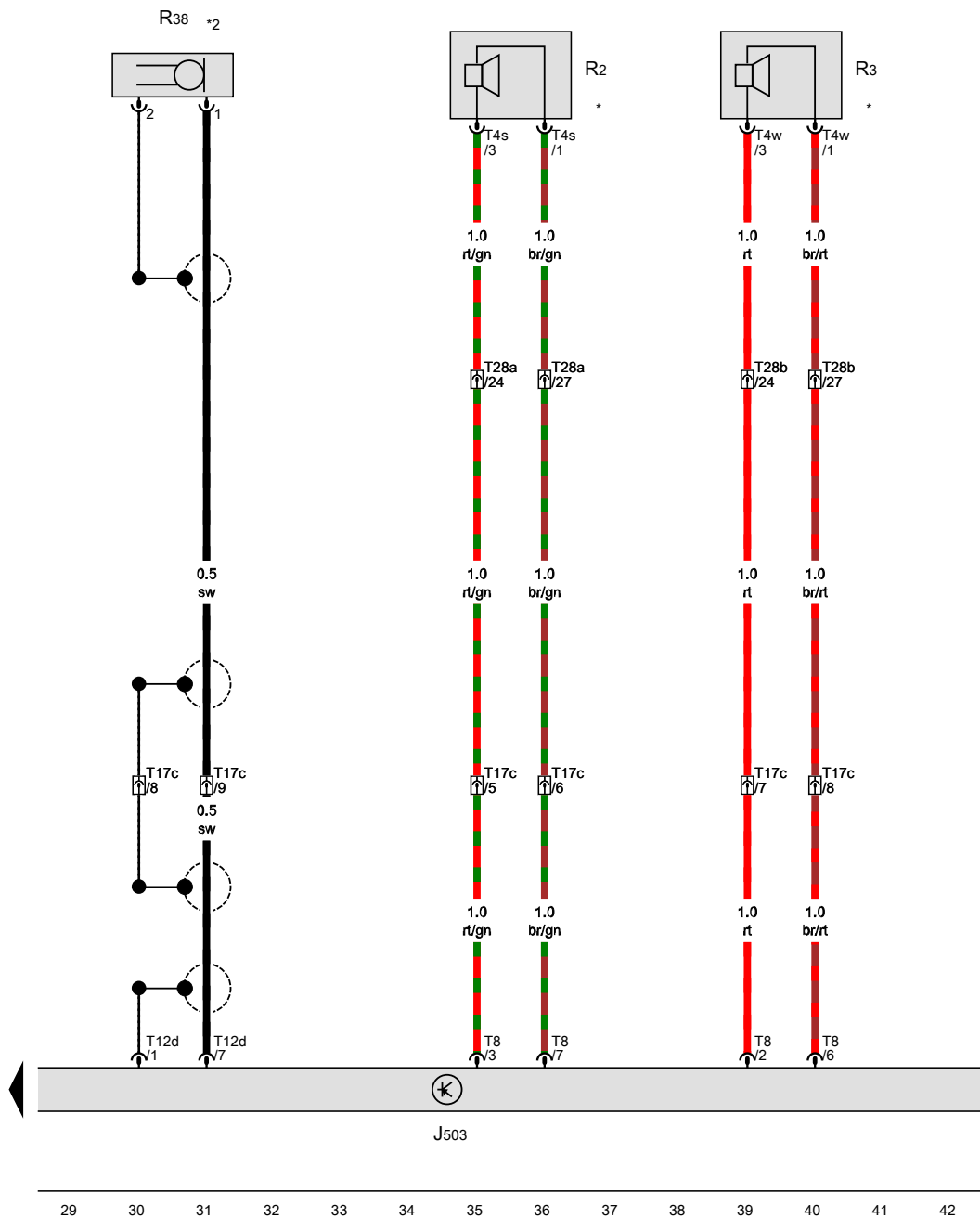
Control unit with display for radio and navigation, Fuse 67 on fuse holder C, Diagnostic connection

- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T16 16-pin connector, black
- T17c 17-pin connector, on left under dash panel
- T73b 73-pin connector, colourless
- U31 Diagnostic connection

- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- V28 Connection 1, in radio wiring harness

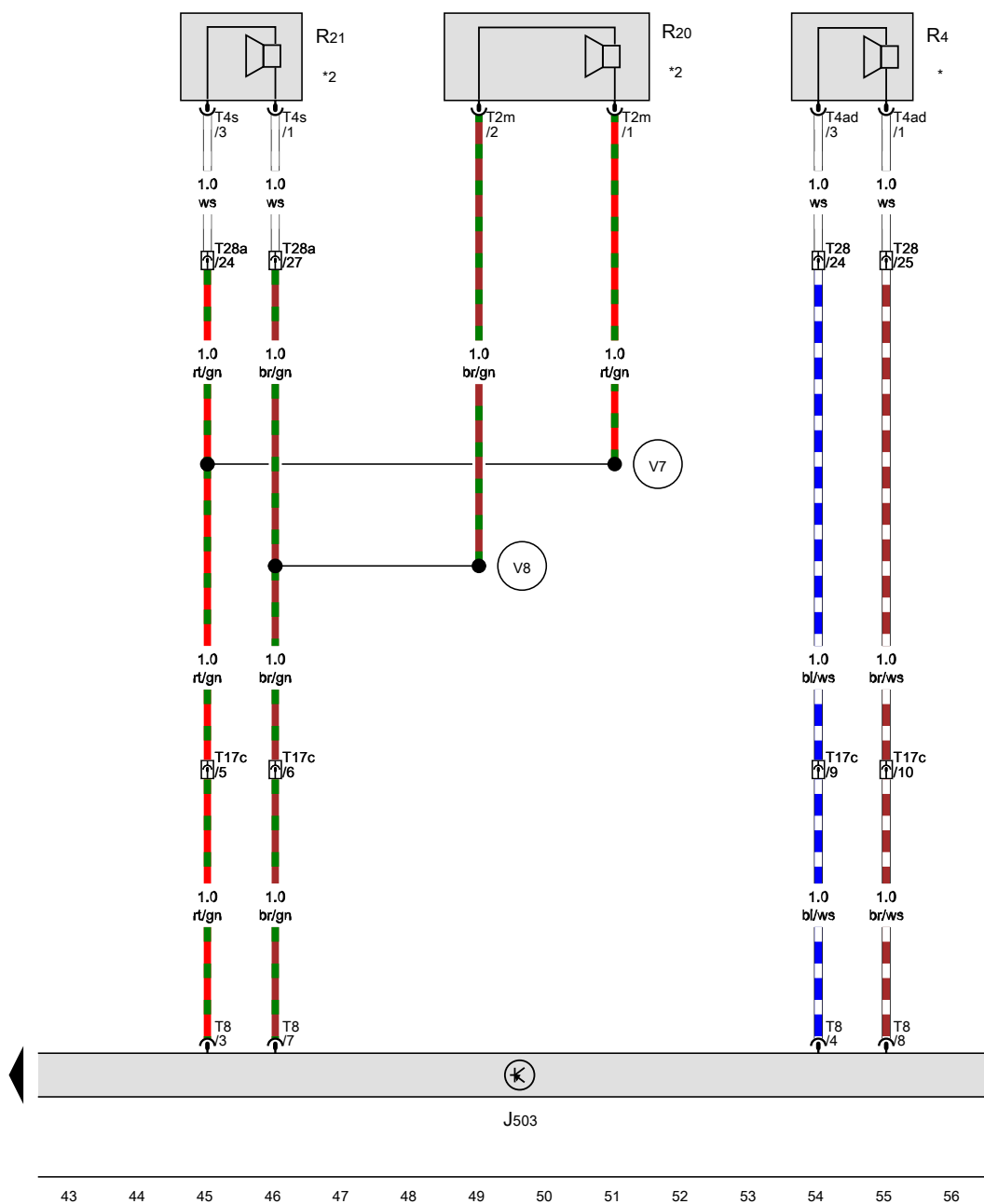
- * From February 2013
- *2 Up to January 2013





Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone

- J503 Control unit with display for radio and navigation
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- R38 Telephone microphone
- T4s 4-pin connector, black
- T4w 4-pin connector, black
- T8 8-pin connector, brown
- T12d 12-pin connector, green
- T17c 17-pin connector, on left under dash panel
- T28a 28-pin connector, on left A-pillar, black
- T28b 28-pin connector, on right A-pillar, black
- * Only models with 2 loudspeakers (8RD)
- *2 Only models with mobile telephone/ preparation for mobile telephone



Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

J503 Control unit with display for radio and navigation

R4 Rear left loudspeaker

R20 Front left treble loudspeaker

R21 Front left bass loudspeaker

T2m 2-pin connector, black

T4ad 4-pin connector

T4s 4-pin connector, black

T8 8-pin connector, brown

T17c 17-pin connector, on left under dash panel

T28 28-pin connector, on left B-pillar, black

T28a 28-pin connector, on left A-pillar, black

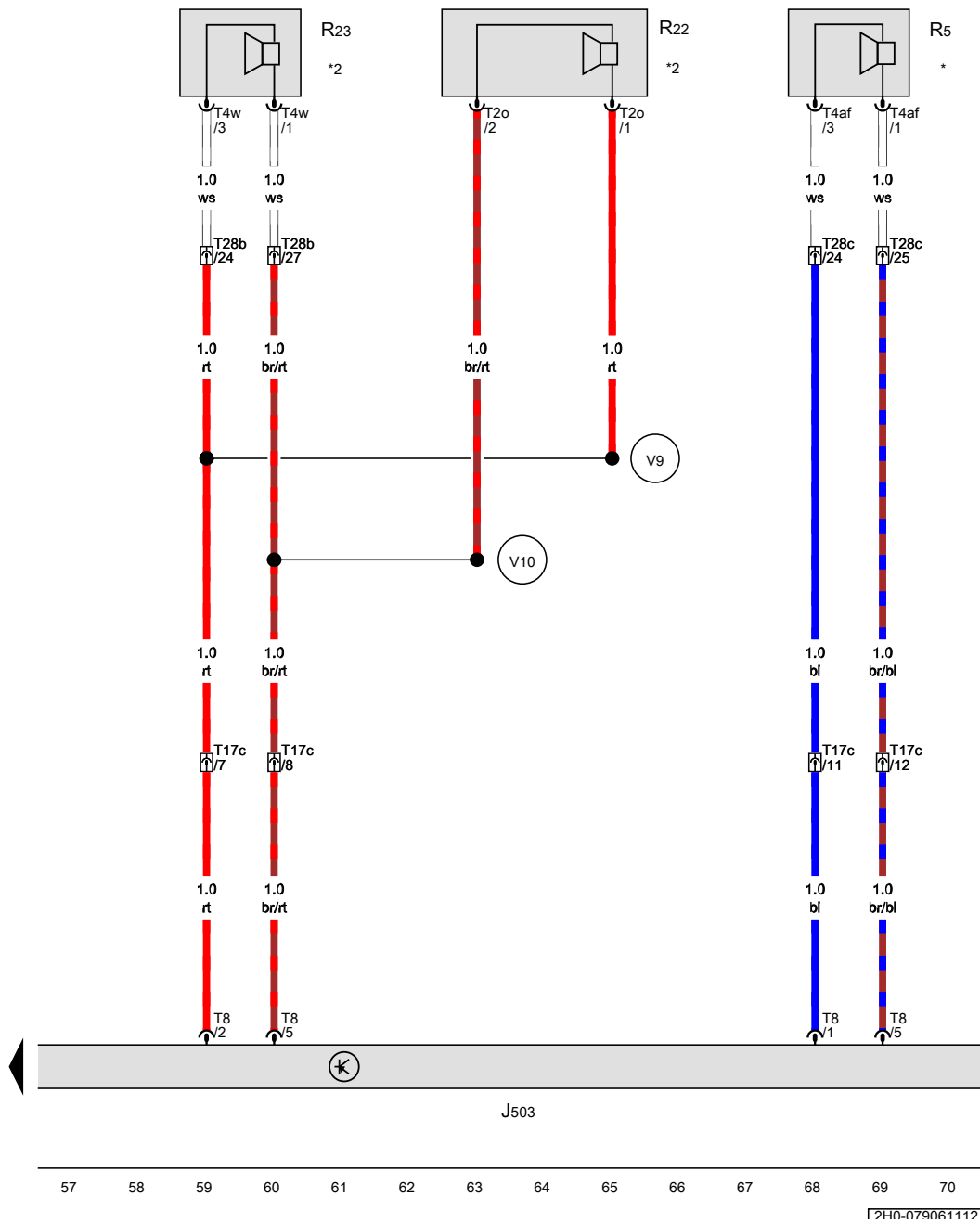
V7 Connection (positive, front left loudspeaker), in loudspeaker wiring harness

V8 Connection (negative, front left loudspeaker), in loudspeaker wiring harness

* Only models with equipment (6-passive loudspeakers)

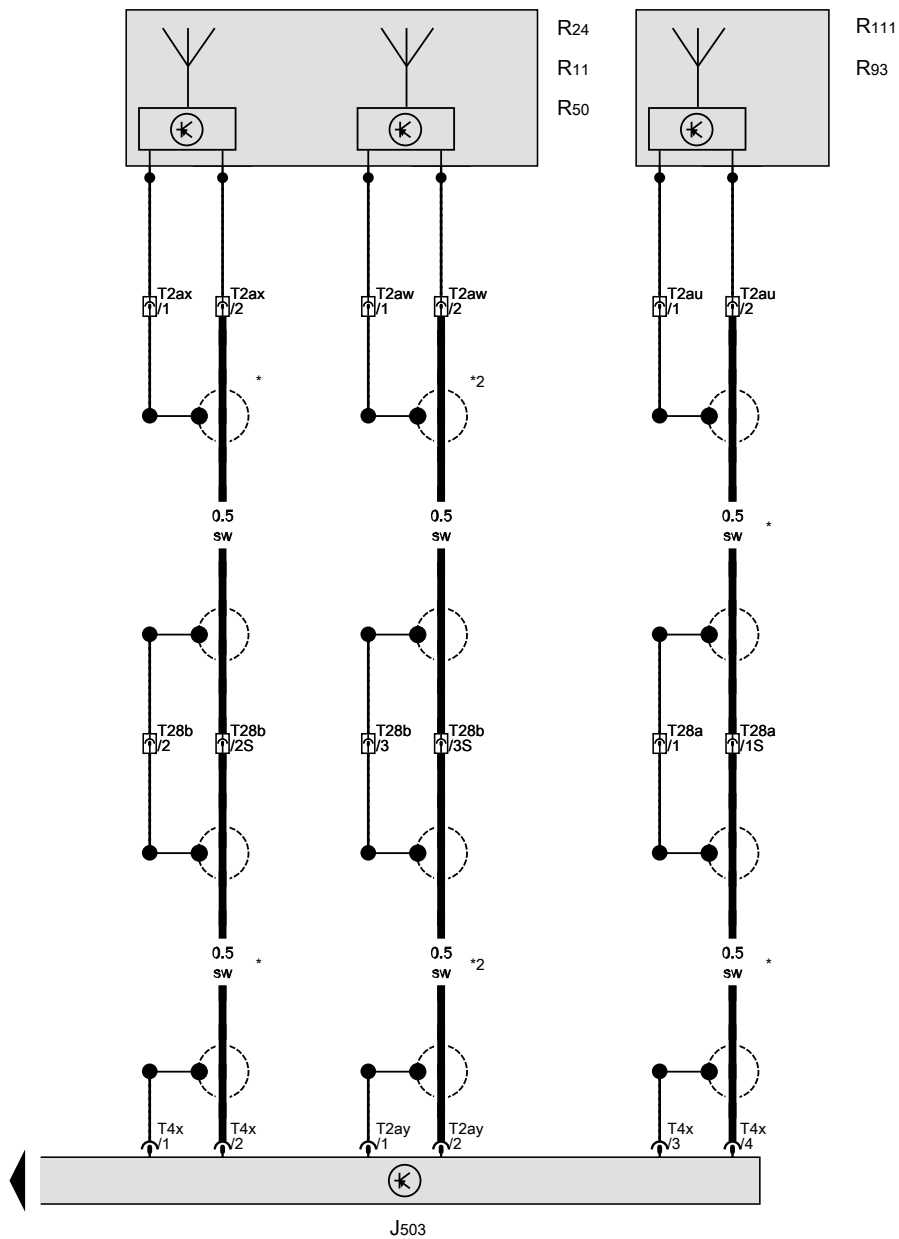
*2 Only models with 4 or 6 loudspeakers

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



Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- J503 Control unit with display for radio and navigation
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2o 2-pin connector, black
- T4af 4-pin connector, black
- T4w 4-pin connector, black
- T8 8-pin connector, brown
- T17c 17-pin connector, on left under dash panel
- T28b 28-pin connector, on right A-pillar, black
- T28c 28-pin connector, on right B-pillar, black
- V9 Connection (positive, front right loudspeaker), in loudspeaker wiring harness
- V10 Connection (negative, front right loudspeaker), in loudspeaker wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 4 or 6 loudspeakers



Control unit with display for radio and navigation, Aerial, Aerial amplifier, GPS aerial, Radio aerial 2

- J503 Control unit with display for radio and navigation
- R11 Aerial
- R24 Aerial amplifier
- R50 GPS aerial
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- T2au 2-pin connector, in left door, near exterior mirror
- T2aw 2-pin connector, in right door, near exterior mirror, blue
- T2ax 2-pin connector, in right door, near exterior mirror
- T2ay 2-pin connector, blue
- T4x 4-pin connector, colourless
- T28a 28-pin connector, on left A-pillar, black
- T28b 28-pin connector, on right A-pillar, black
- * Aerial connection for radio
- *2 Aerial connection for GPS

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

Air supply for toothed belt drive (engine dust kit)

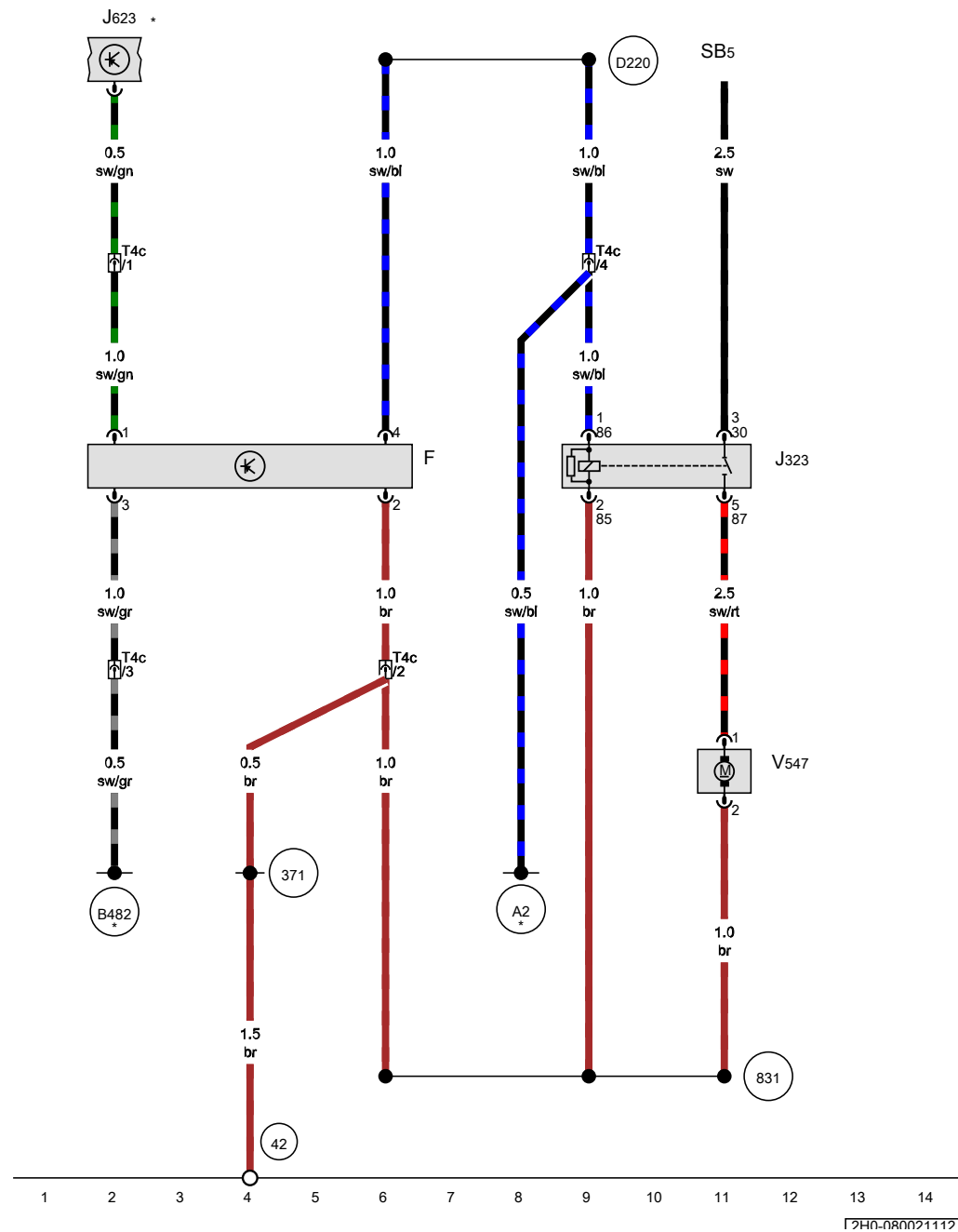
From November 2012

Blower relay, Air supply blower

- F Brake light switch, on brake master cylinder
- J323 Blower relay, near engine control unit
- J623 Engine control unit
- SB5 Fuse 5 on fuse holder B
- T4c 4-pin connector, black
- V547 Air supply blower

- (42) Earth point, next to steering column
- (371) Earth connection 6, in main wiring harness
- (831) Earth connection in air supply wiring harness (engine dust kit)
- (A2) Positive connection (15), in dash panel wiring harness
- (B482) Connection 18, in main wiring harness
- (D220) Positive connection (15) in air supply wiring harness (engine dust kit)

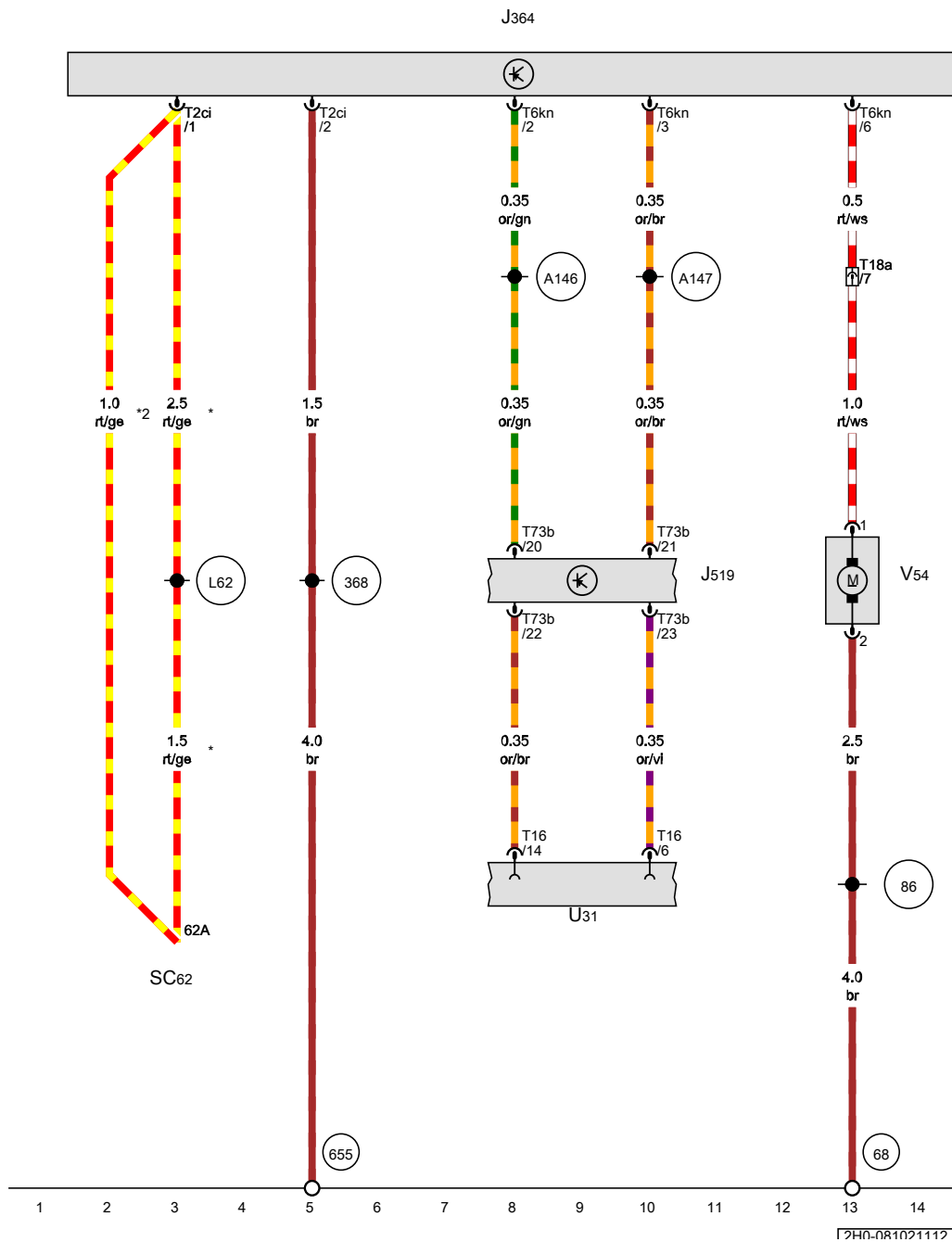
* see applicable current flow diagram for ABS



Auxiliary coolant heater , CFPA

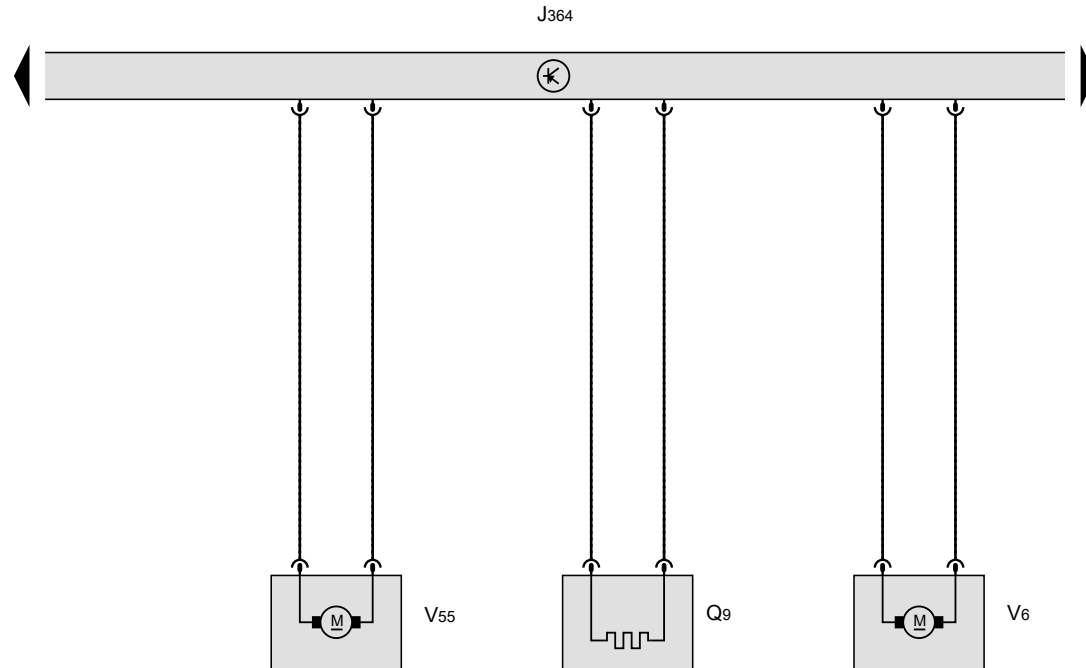
From January 2013

Auxiliary heater control unit, Onboard supply control unit,
Fuse 62 on fuse holder C, Metering pump



- J364 Auxiliary heater control unit
J519 Onboard supply control unit
SC62 Fuse 62 on fuse holder C
T2ci 2-pin connector, black
T6kn 6-pin connector, black
T16 16-pin connector, black
T18a 18-pin connector, near engine control unit, grey
T73b 73-pin connector, colourless
U31 Diagnostic connection, near driver side A-pillar
V54 Metering pump
- 68 Earth point, on left of rear cross member
86 Earth connection 1, in rear wiring harness
368 Earth connection 3, in main wiring harness
655 Earth point, on left headlight
A146 Connection (convenience CAN bus, high), in dash panel wiring harness
A147 Connection (convenience CAN bus, low), in dash panel wiring harness
L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with air conditioning system/ Climatronic
*2 Only models with no air conditioning system/ Climatronic

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



**Auxiliary heater control unit, Glow plug for heater,
Combustion air blower**

- J364 Auxiliary heater control unit
- Q9 Glow plug for heater
- V6 Combustion air blower
- V55 Circulation pump

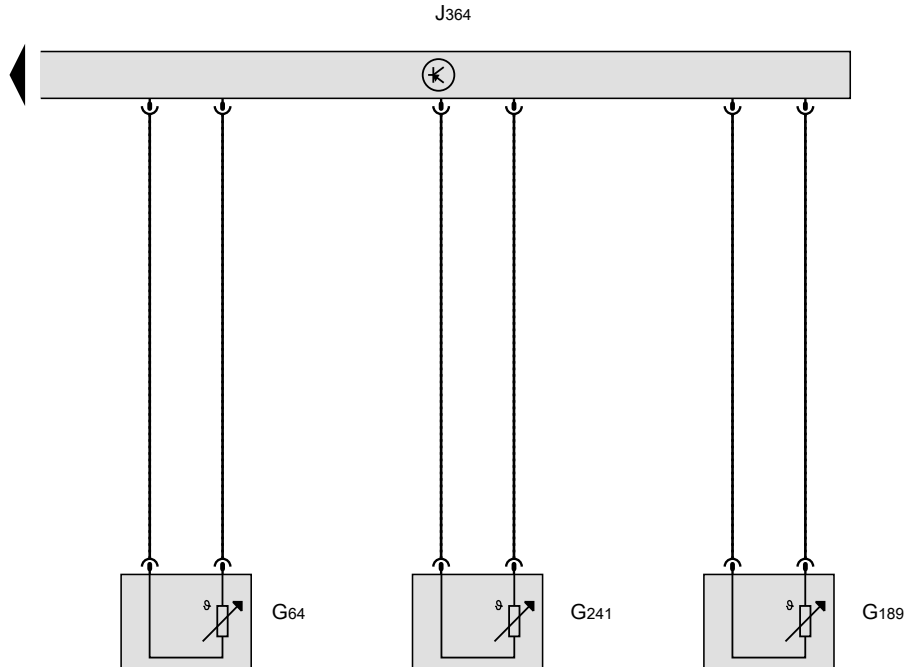
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 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

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

1240-0810311121

Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

- G64 Flame monitor
- G189 Overheating sensor
- G241 Coolant temperature sender for heater
- J364 Auxiliary heater control unit



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

Reversing camera (Rear Assist)

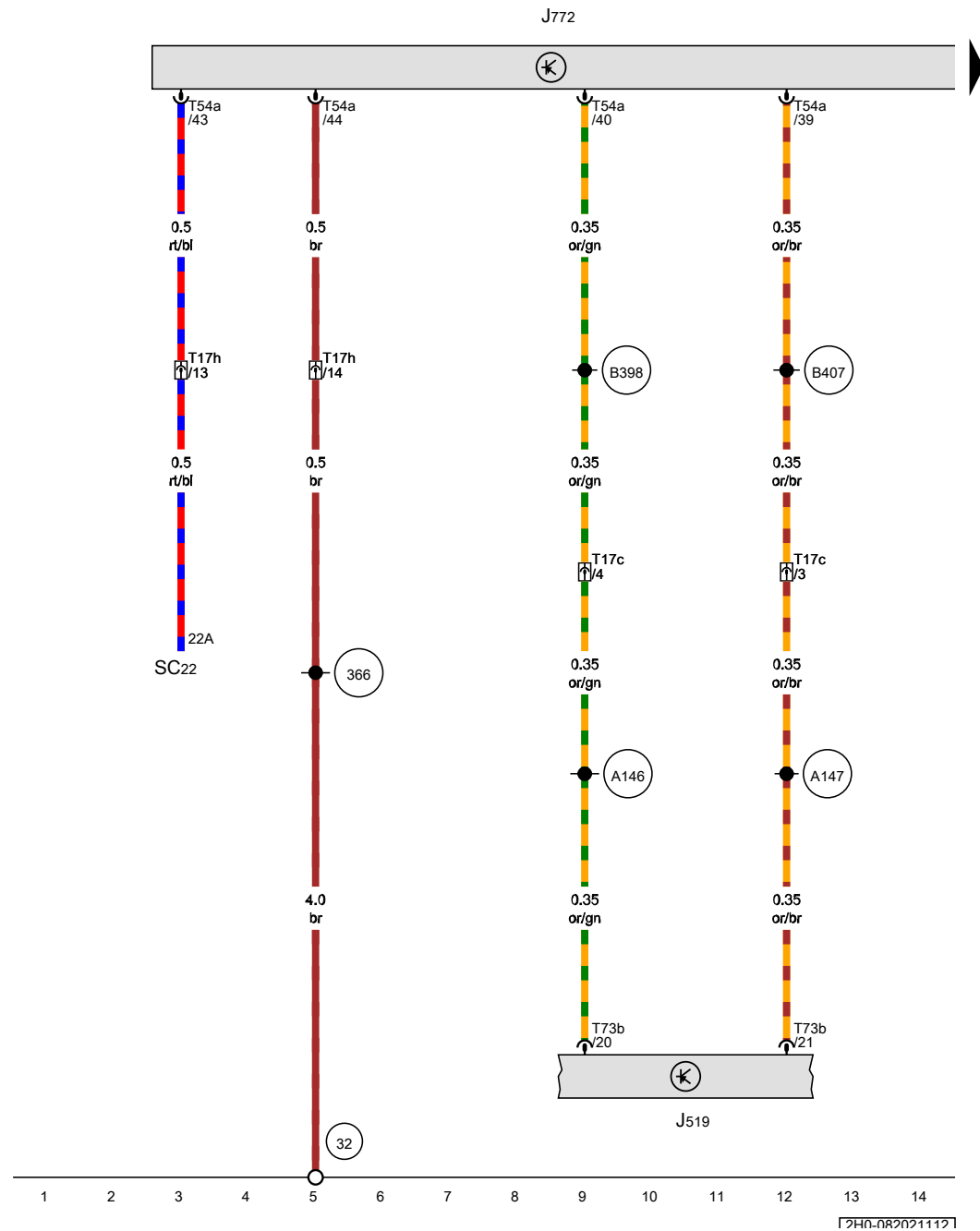
From January 2013

Onboard supply control unit, Reversing camera system control unit

- J519 Onboard supply control unit
- J772 Reversing camera system control unit
- SC22 Fuse 22 on fuse holder C
- T17c 17-pin connector, on left under dash panel, white
- T17h 17-pin connector, on left under dash panel, blue
- T54a 54-pin connector, light blue
- T73b 73-pin connector, white

- (32) Earth point, on left behind dash panel
- (366) Earth connection 1, in main wiring harness
- (A146) Connection (convenience CAN bus, high), in dash panel wiring harness
- (A147) Connection (convenience CAN bus, low), in dash panel wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness

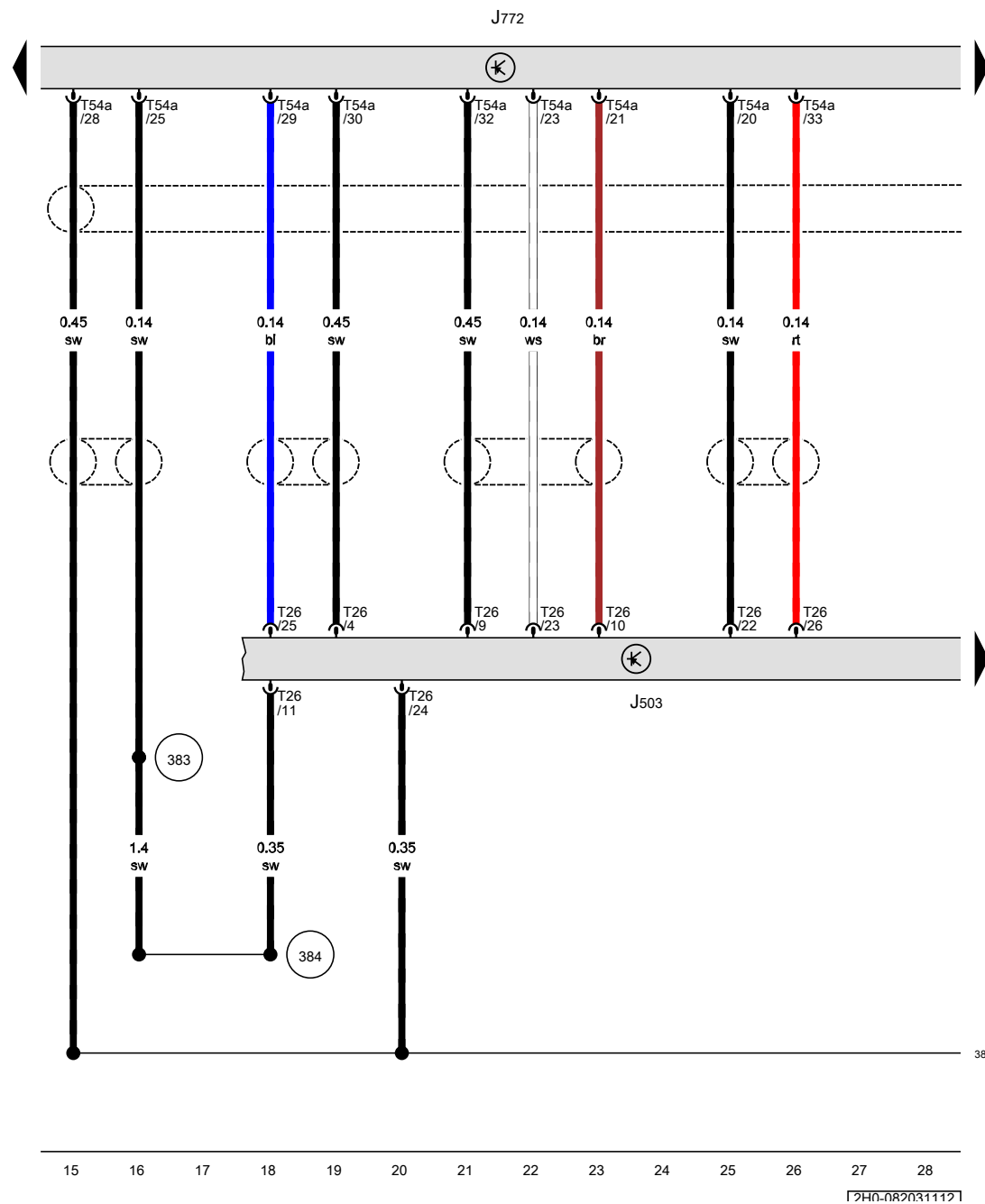
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



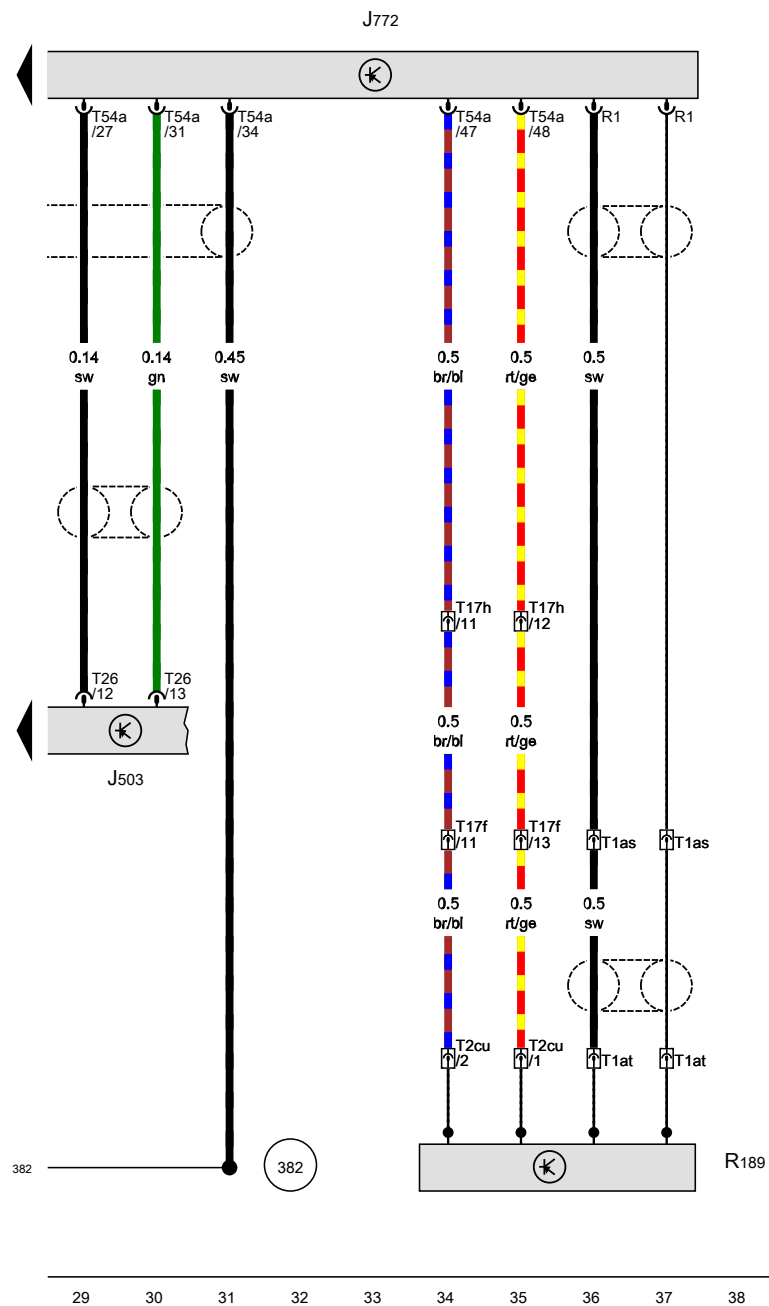
Control unit with display for radio and navigation, Reversing camera system control unit

J503 Control unit with display for radio and navigation
J772 Reversing camera system control unit
T26 26-pin connector, black
T54a 54-pin connector, light blue

- 382 Earth connection 17, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 384 Earth connection 19, in main wiring harness



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



Control unit with display for radio and navigation, Reversing camera system control unit, Reversing camera

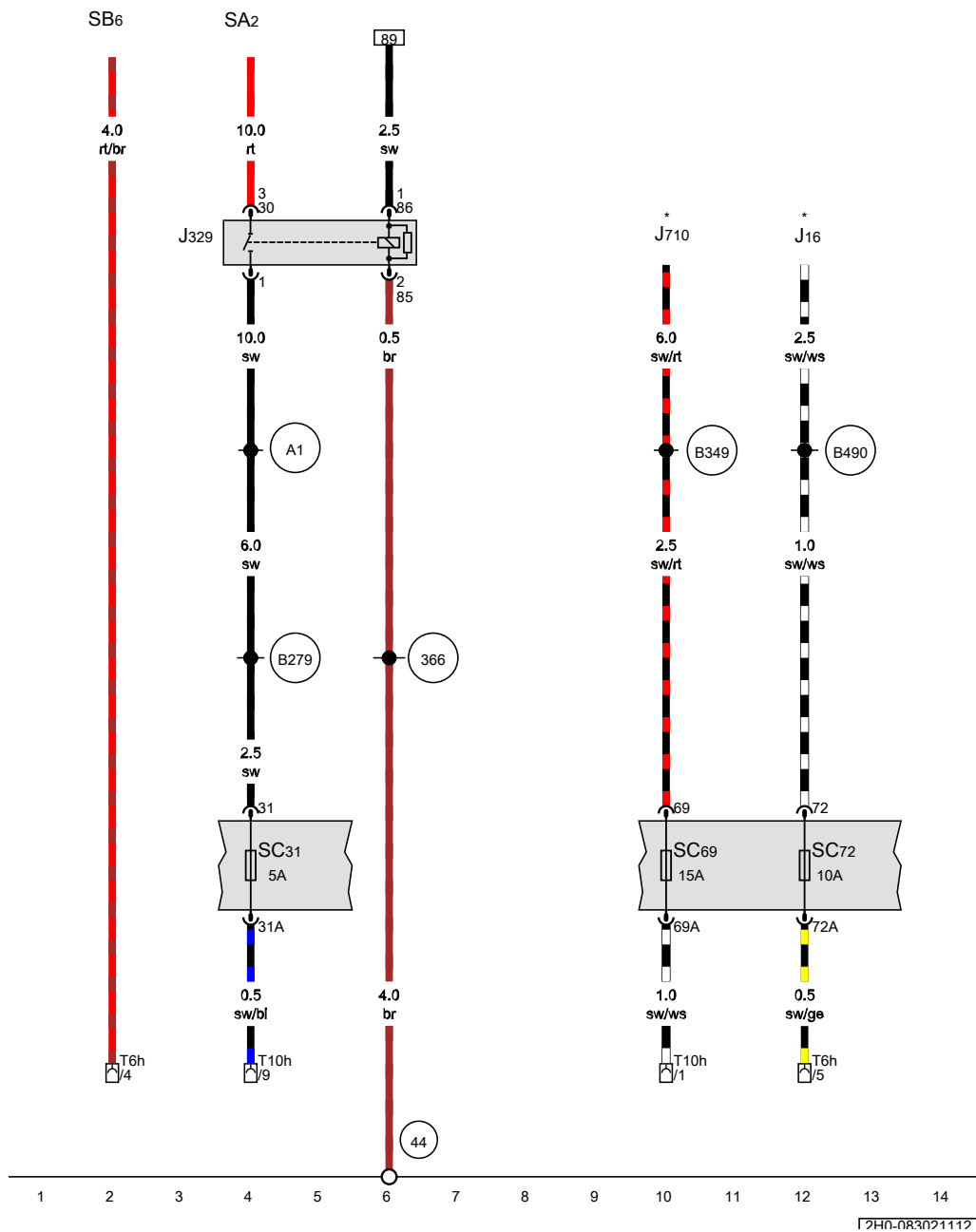
- J503 Control unit with display for radio and navigation
- J772 Reversing camera system control unit
- R189 Reversing camera
- T1as Single connector, near handbrake lever, grey
- T1at Single connector, grey
- T2cu 2-pin connector, black, in rear lid
- T17f 17-pin connector, near handbrake lever, blue
- T17h 17-pin connector, on left under dash panel, blue
- T26 26-pin connector, black
- T54a 54-pin connector, light blue

382 Earth connection 17, in main wiring harness

Interface for external use

From January 2013

Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 31 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C



- J16 Current supply relay
- J329 Terminal 15 voltage supply relay
- J710 Voltage supply relay 2, on relay carrier
- SA2 Fuse 2 in fuse holder A
- SB6 Fuse 6 on fuse holder B
- SC31 Fuse 31 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T6h 6-pin connector, in front centre console, grey
- T10h 10-pin connector, in left footwell, near centre console, purple
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A1 Positive connection (30a), in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B490 Connection 26, in main wiring harness
- * see applicable current flow diagram for fuse assignment

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

Onboard supply control unit, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

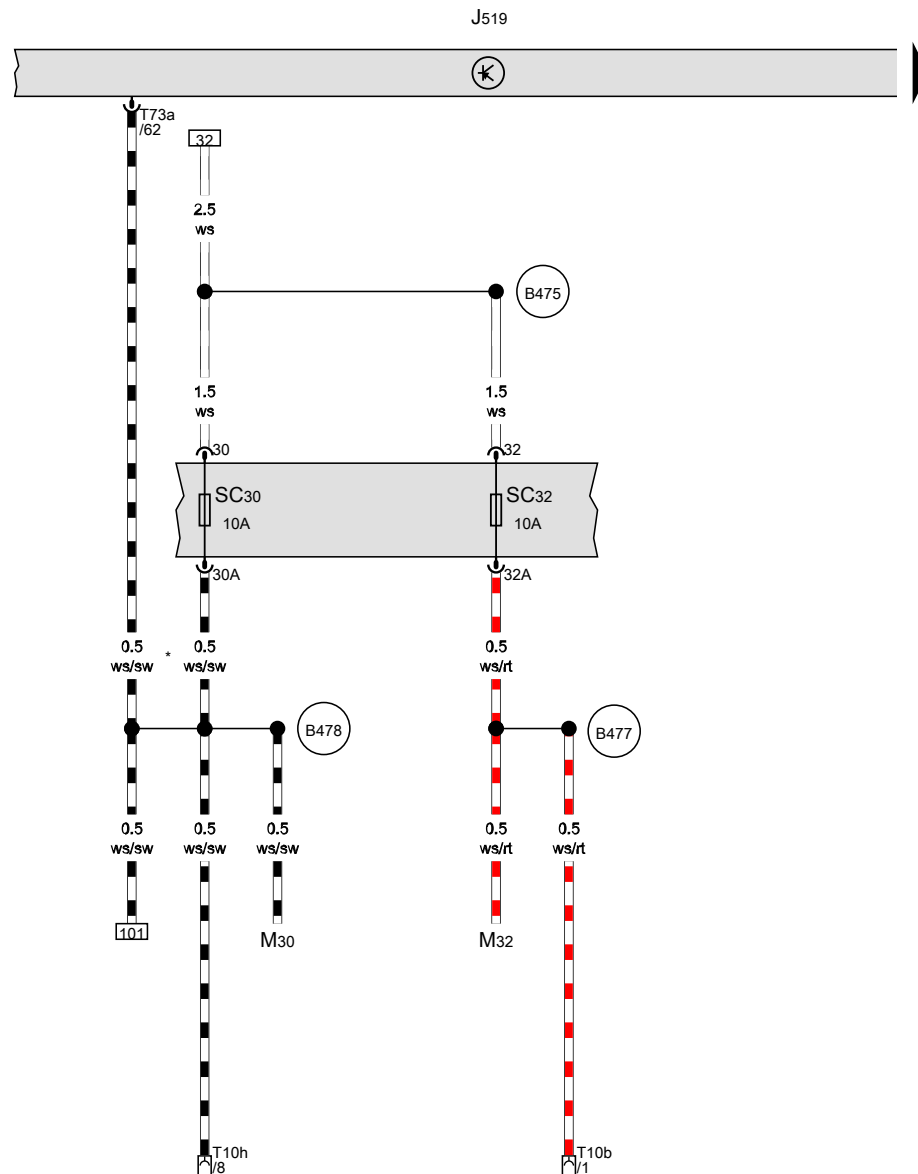
- J519 Onboard supply control unit
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T73a 73-pin connector, black

 B475 Connection 11, in main wiring harness

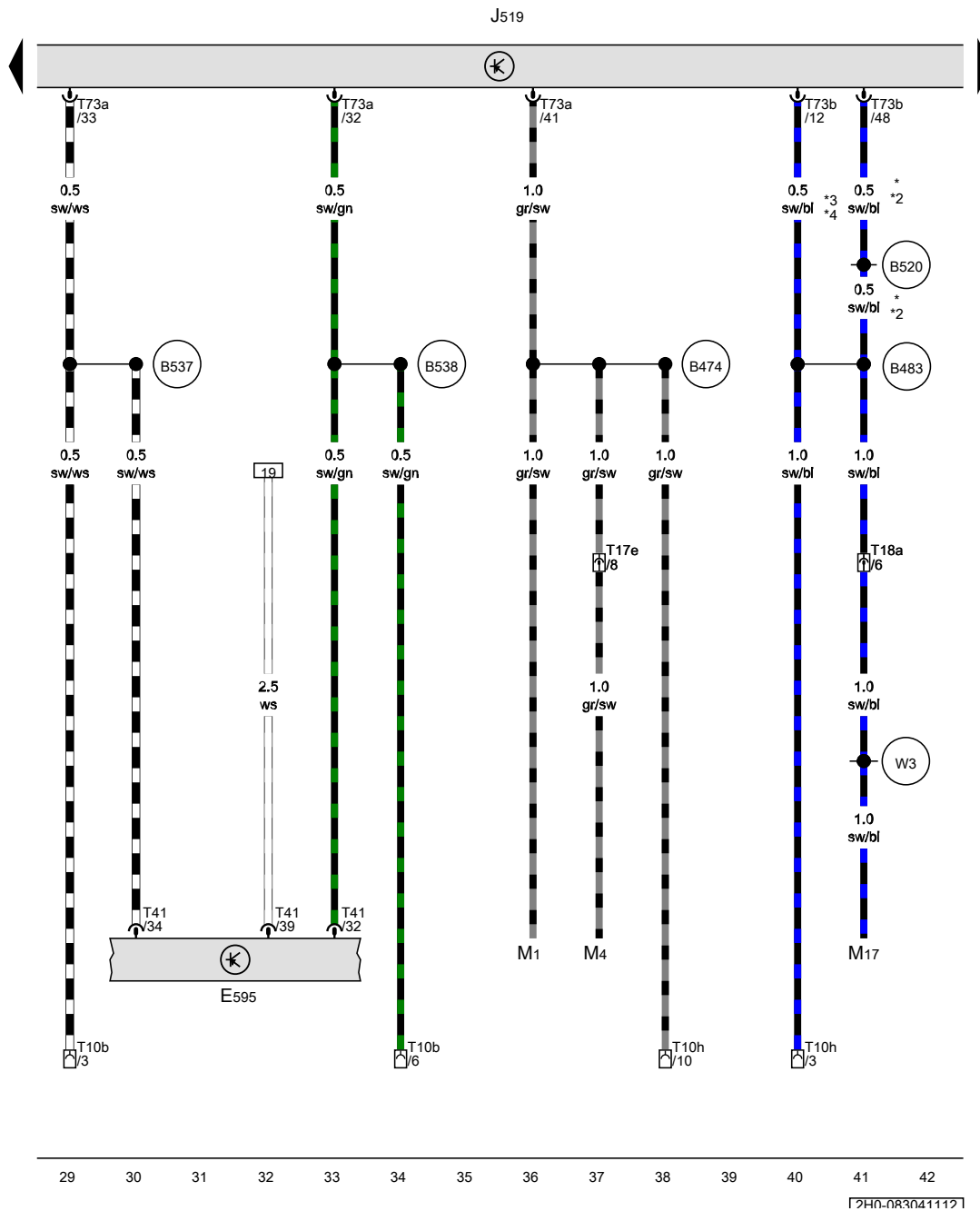
 B477 Connection 13, in main wiring harness

 B478 Connection 14, in main wiring harness

* Only models with automatic driving lights control



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



Onboard supply control unit

- E595 Steering column combination switch
- J519 Onboard supply control unit
- M1 Left side light bulb
- M4 Left tail light bulb
- M17 Right reversing light bulb
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B474 Connection 10, in main wiring harness

B483 Connection 19, in main wiring harness

B520 Connection (RL), in main wiring harness

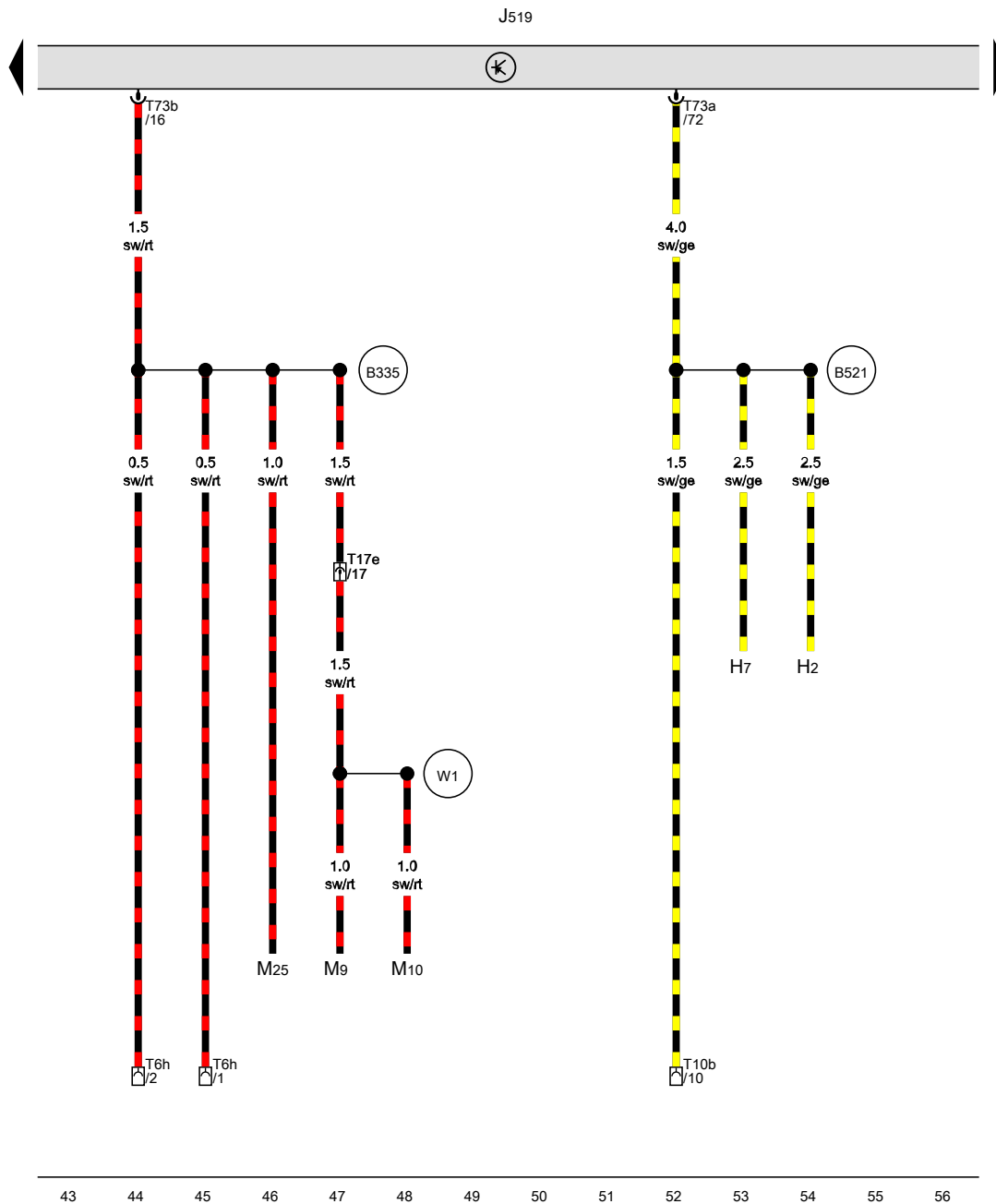
B537 Connection 28, in main wiring harness

B538 Connection 29, in main wiring harness

W3 Connection in rear wiring harness

- * Only models with manual gearbox
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with automatic driving lights control
- *4 Only models with automatic gearbox

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



[240-083051112]

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

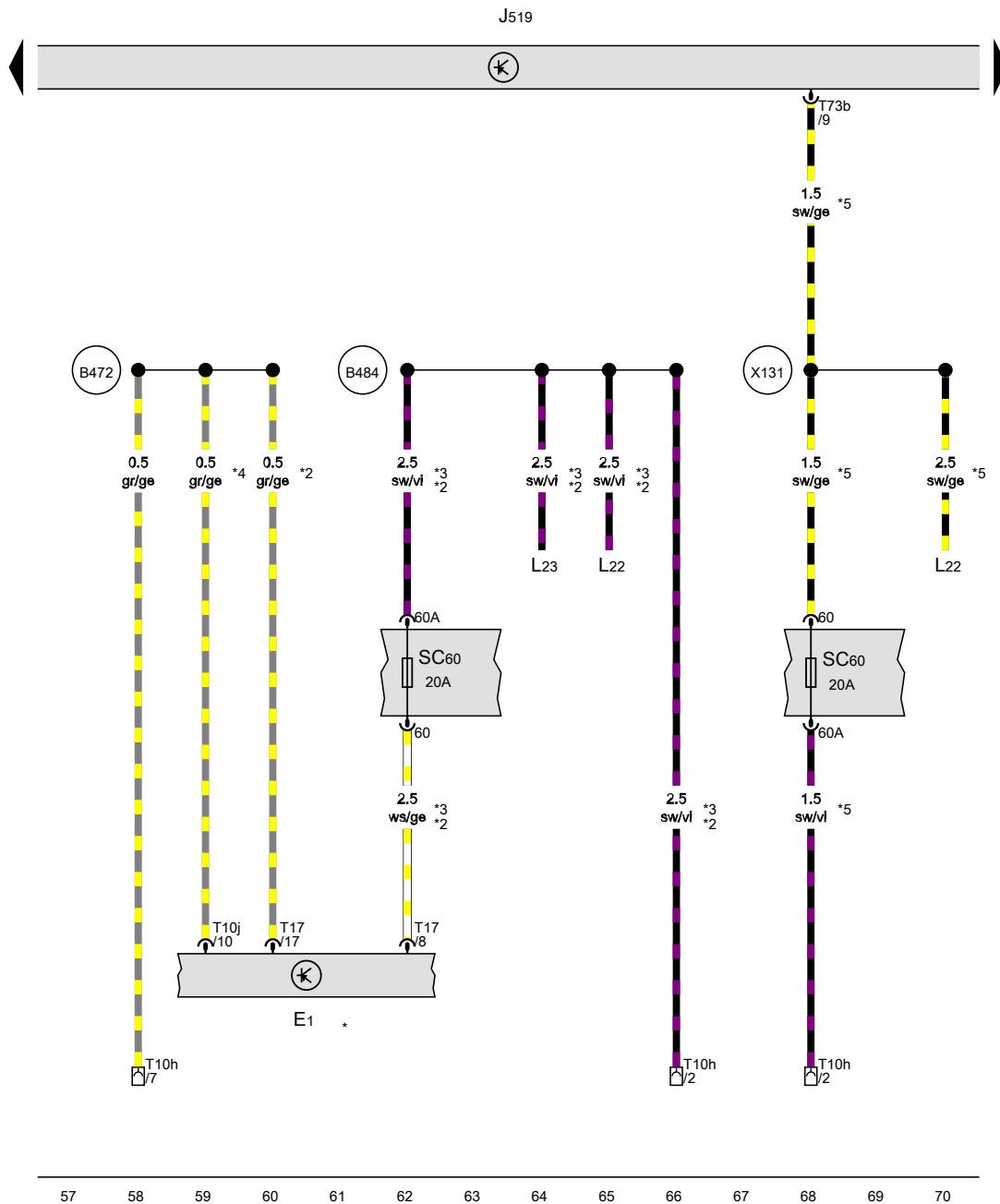
Onboard supply control unit

- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- M9 Left brake light bulb
- M10 Right brake light bulb
- M25 Additional brake light bulb
- T6h 6-pin connector, in front centre console, grey
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T17e 17-pin connector, near handbrake lever, red
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

(B335) Connection 1 (54), in main wiring harness

(B521) Connection (dual tone horn), in main wiring harness

(W1) Positive connection 1 (54), in rear wiring harness



Light switch, Onboard supply control unit

- E1 Light switch
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- SC60 Fuse 60 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T10j 10-pin connector, black
- T17 17-pin connector, black
- T73b 73-pin connector, colourless

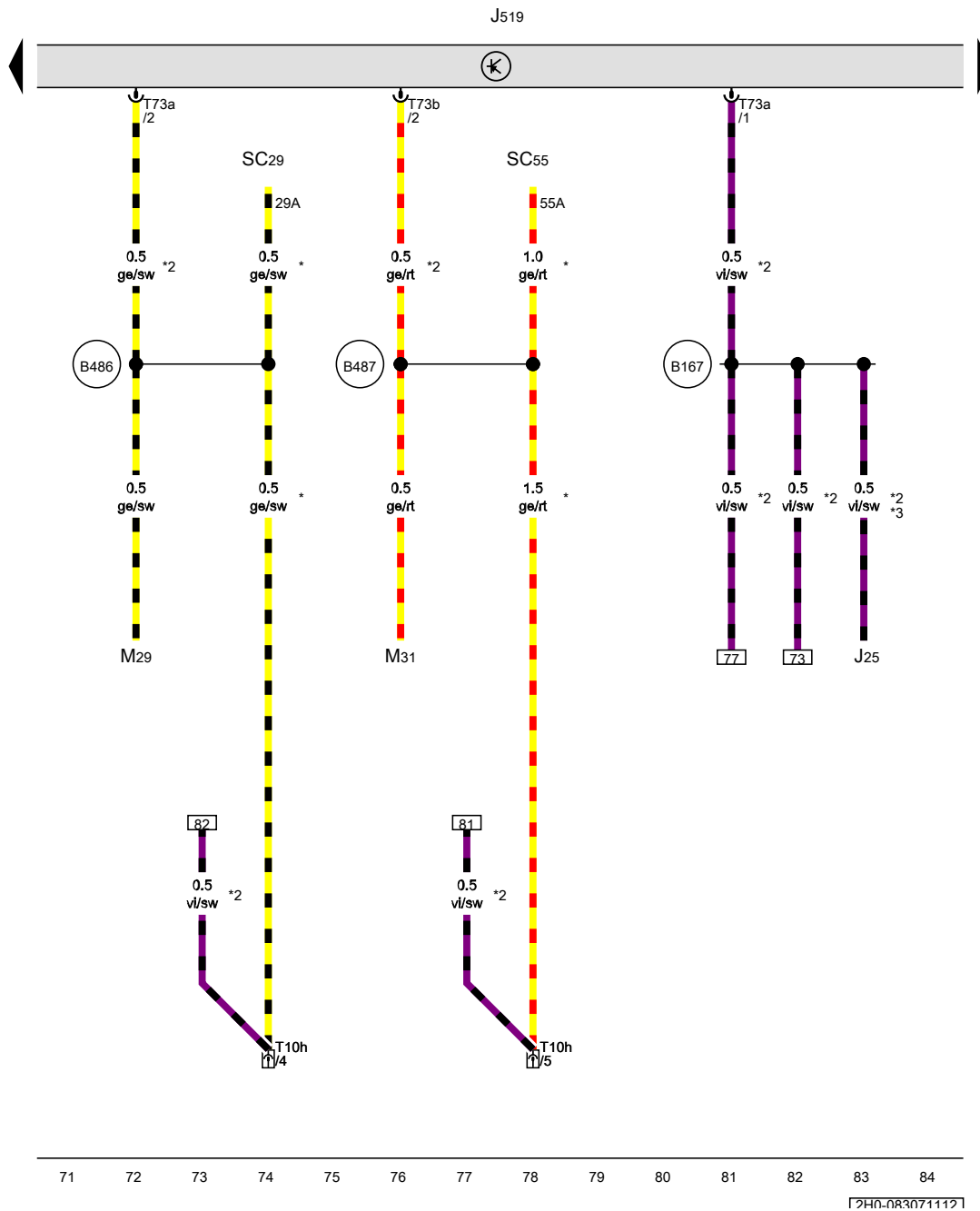
B472 Connection 8, in main wiring harness

B484 Connection 20, in main wiring harness

X131 Connection 4, in optional equipment wiring harness

- * see applicable current flow diagram for exterior lighting
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with fog lights
- *4 Only models with automatic driving lights control
- *5 Only models with start/stop system

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



Onboard supply control unit, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

- J25 Headlight relay
- J519 Onboard supply control unit
- M29 Left headlight dipped beam bulb
- M31 Right headlight dipped beam bulb
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B167 Connection (56b), in interior wiring harness

B486 Connection 22, in main wiring harness

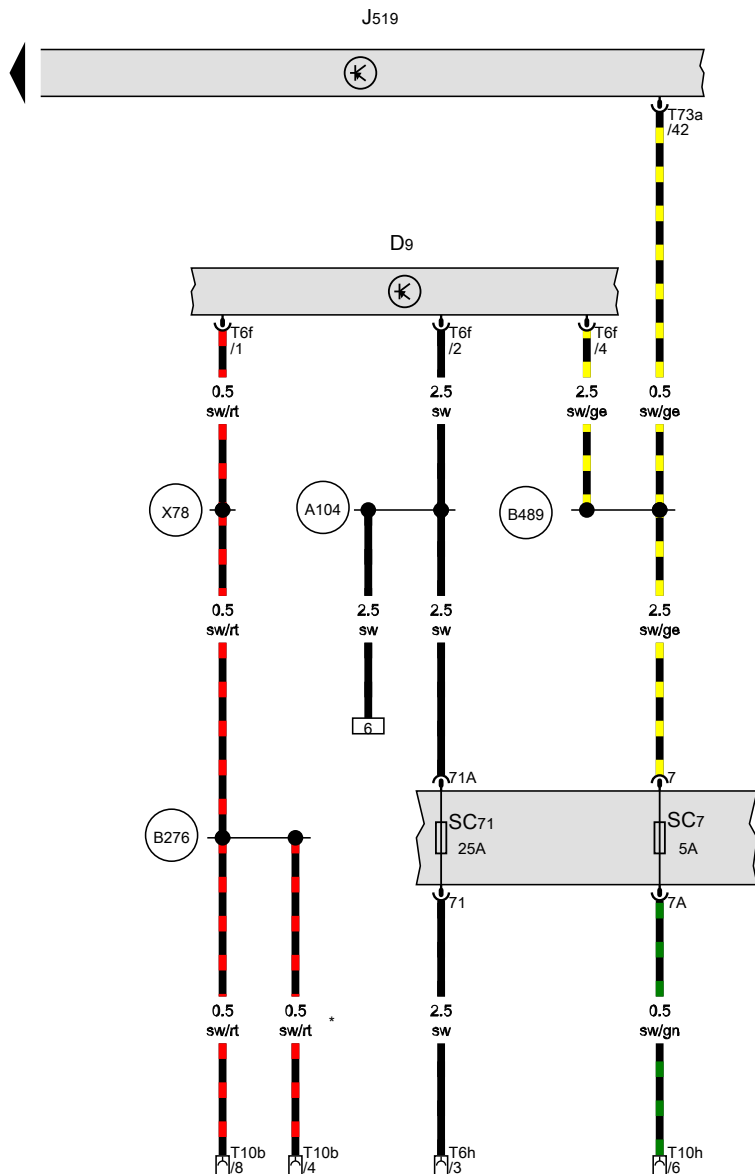
B487 Connection 23, in main wiring harness

* Only models with no automatic headlight control with coming home

*2 Only models with automatic driving lights control

*3 see applicable current flow diagram for fuse assignment

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



Onboard supply control unit, Fuse 7 on fuse holder C, Fuse 71 on fuse holder C

- D9 Electronic ignition lock
- J519 Onboard supply control unit
- SC7 Fuse 7 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6f 6-pin connector, black
- T6h 6-pin connector, in front centre console, grey
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T10h 10-pin connector, in left footwell, near centre console, purple
- T73a 73-pin connector, black

A104 Positive connection 2 (15), in dash panel wiring harness

B276 Positive connection (50), in main wiring harness

B489 Connection 25, in main wiring harness

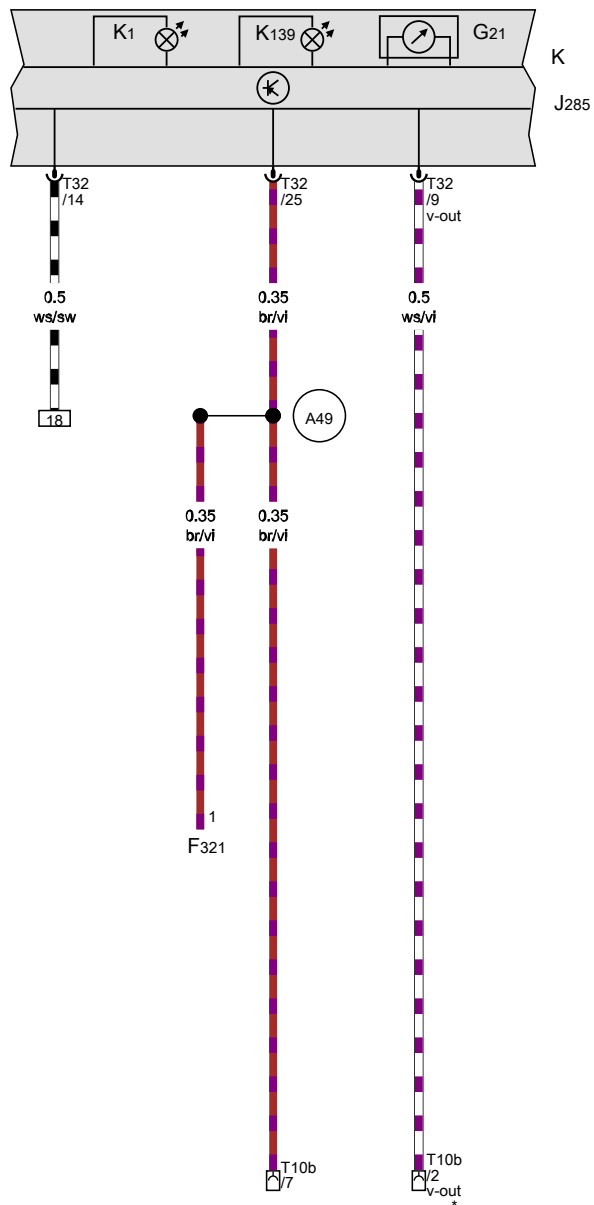
X78 Connection 1, in optional equipment wiring harness

* Only models with automatic gearbox

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

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

[74H0-083081112]



Parking brake contact switch, Dash panel insert

- F321 Parking brake contact switch
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K139 Handbrake warning lamp
- T10b 10-pin connector, in left footwell, near centre console, yellow
- T32 32-pin connector, blue

A49 Connection 1, in dash panel wiring harness

* Speed signal

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

8-speed automatic gearbox with Tiptronic , (G1G)

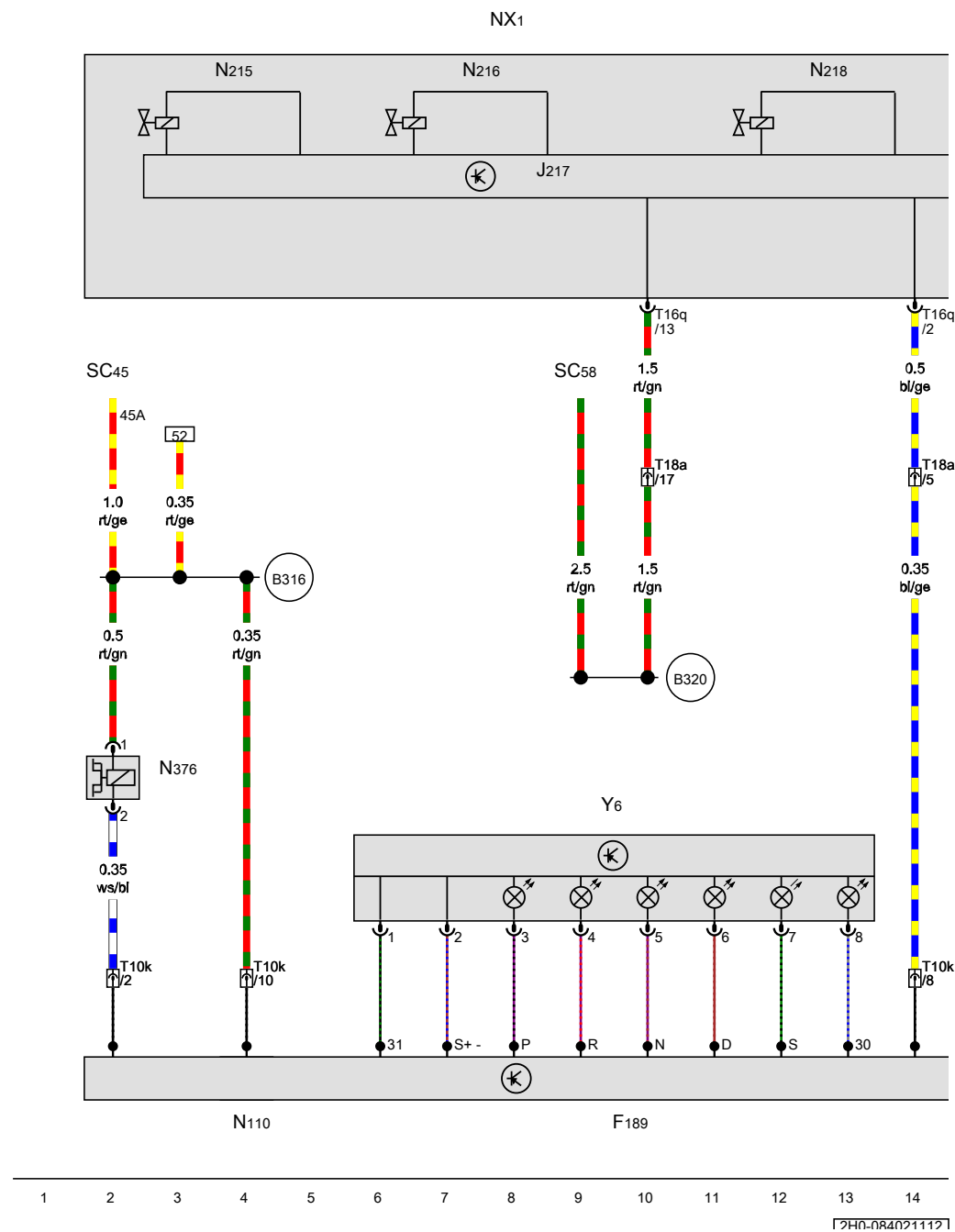
From January 2013

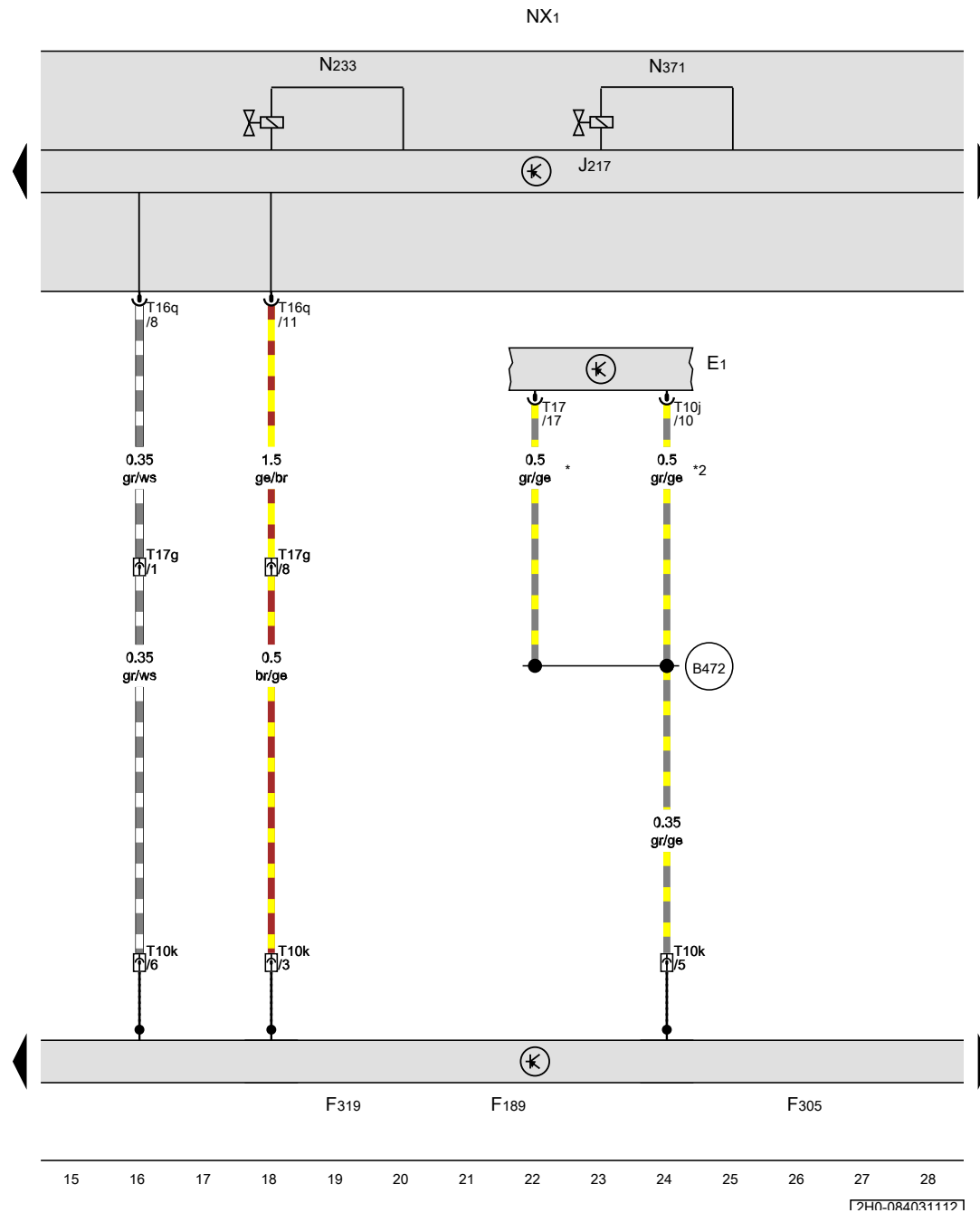
Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

- F189 Tiptronic switch
- J217 Automatic gearbox control unit, in gearbox
- NX1 Gearbox
- N110 Selector lever lock solenoid
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N218 Automatic gearbox pressure regulating valve 4
- N376 Ignition key withdrawal lock solenoid
- SC45 Fuse 45 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector, black
- T18a 18-pin connector, near battery, grey
- Y6 Selector lever position display

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

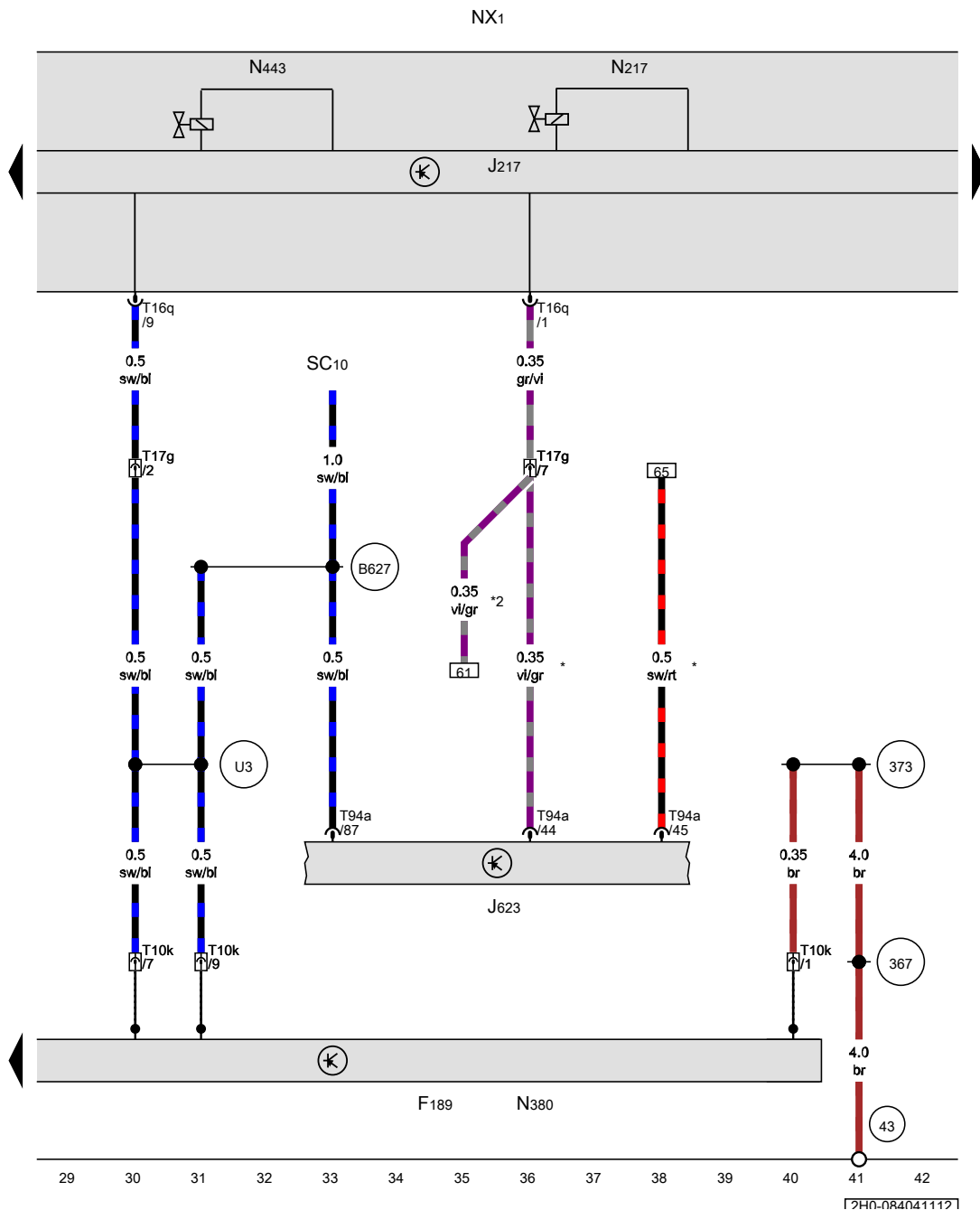
(B320) Positive connection 6 (30a) in main wiring harness





Light switch, Tiptronic switch, Gearbox

- E1 Light switch
- F189 Tiptronic switch
- F305 Gear selector position P switch
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit, in gearbox
- NX1 Gearbox
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- T10j 10-pin connector, black
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector, black
- T17 17-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- B472 Connection 8, in main wiring harness
- * Only models with no start/stop system
- *2 Only models with start/stop system



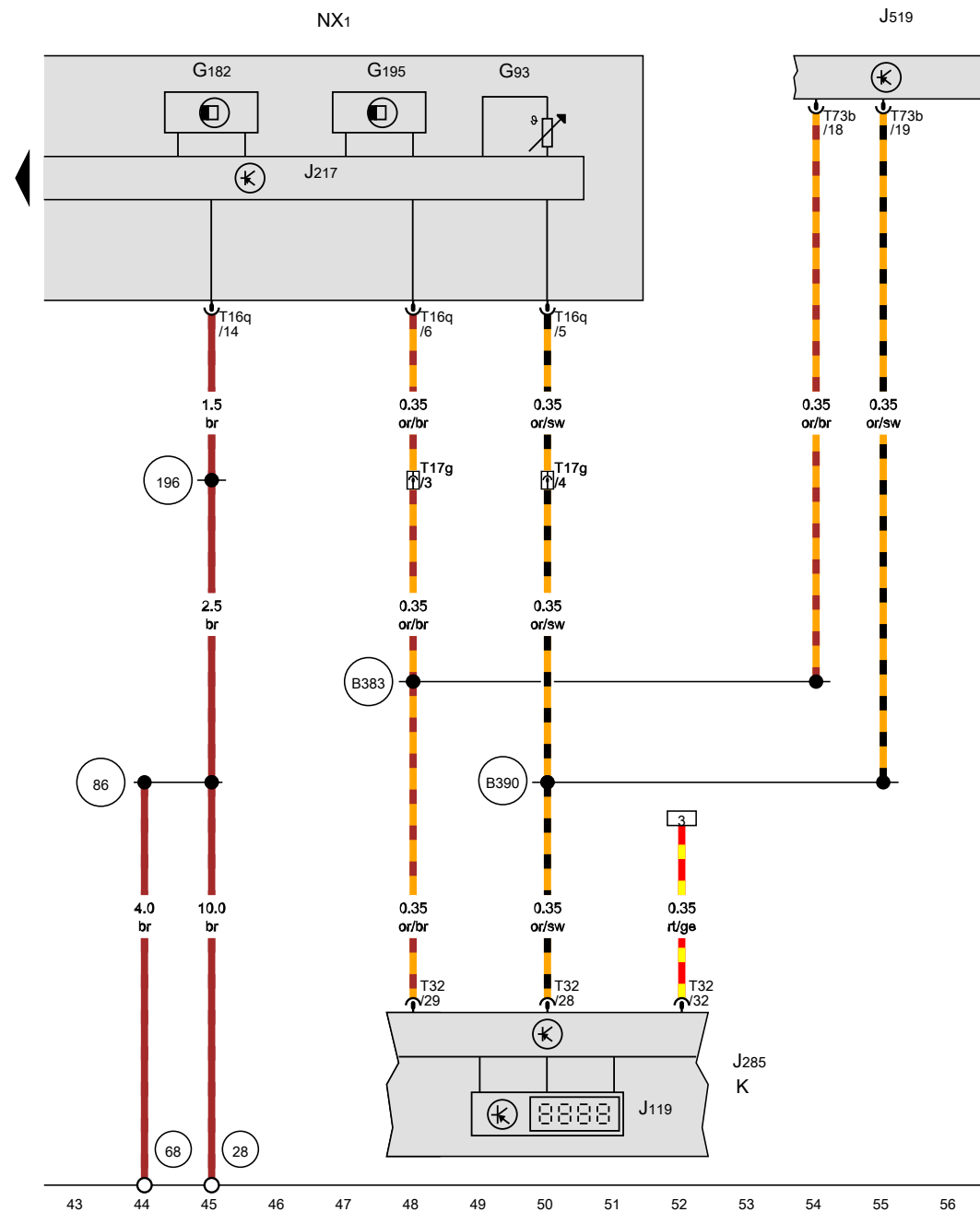
Tiptronic switch, Gearbox

- F189 Tiptronic switch
- J217 Automatic gearbox control unit, in gearbox
- J623 Engine control unit
- NX1 Gearbox
- N217 Automatic gearbox pressure regulating valve 3
- N380 Selector lever position P solenoid
- N443 Automatic gearbox pressure regulating valve 7
- SC10 Fuse 10 on fuse holder C
- T10k 10-pin connector, in centre console, near handbrake lever, black
- T16q 16-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

- 43 Earth point, lower part of right A-pillar
- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

- * Only models with start/stop system
- *2 Only models with no start/stop system

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

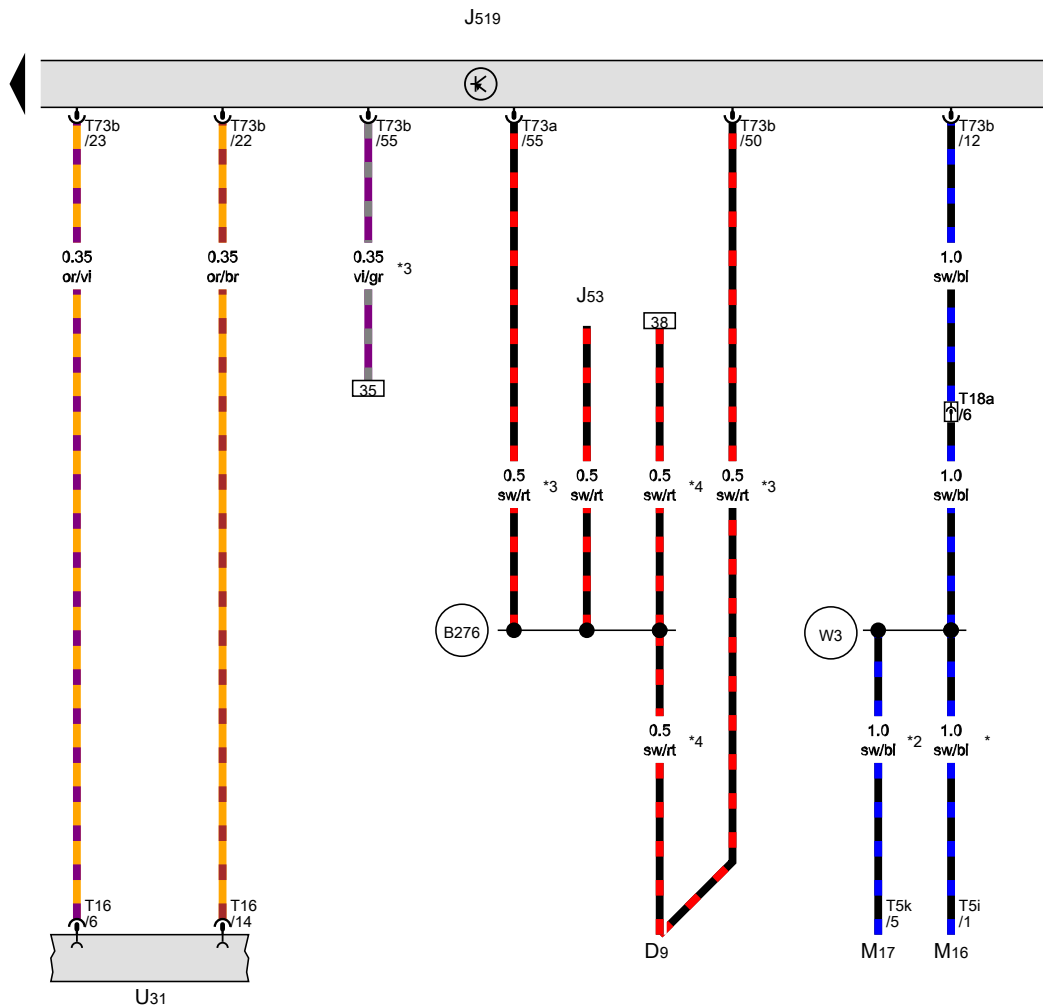


Dash panel insert, Gearbox

- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J119 Multifunction indicator
- J217 Automatic gearbox control unit, in gearbox
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- NX1 Gearbox
- T16q 16-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T32 32-pin connector, blue
- T73b 73-pin connector, colourless

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear 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
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Electronic ignition lock

- D9 Electronic ignition lock
- J53 Starter motor relay
- J519 Onboard supply control unit
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5i 5-pin connector, black
- T5k 5-pin connector, black
- T16 16-pin connector, black
- T18a 18-pin connector, near battery, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- U31 Diagnostic connection

 B276 Positive connection (50), in main wiring harness

 W3 Connection in rear wiring harness

- * Only right-hand drive models
- *2 Only left-hand drive models
- *3 Only models with no start/stop system
- *4 Only models with start/stop system

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

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

17H0-084061117

2.0l diesel engine , CNEA,CSHA

From January 2013

Battery, Starter, Starter motor relay, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

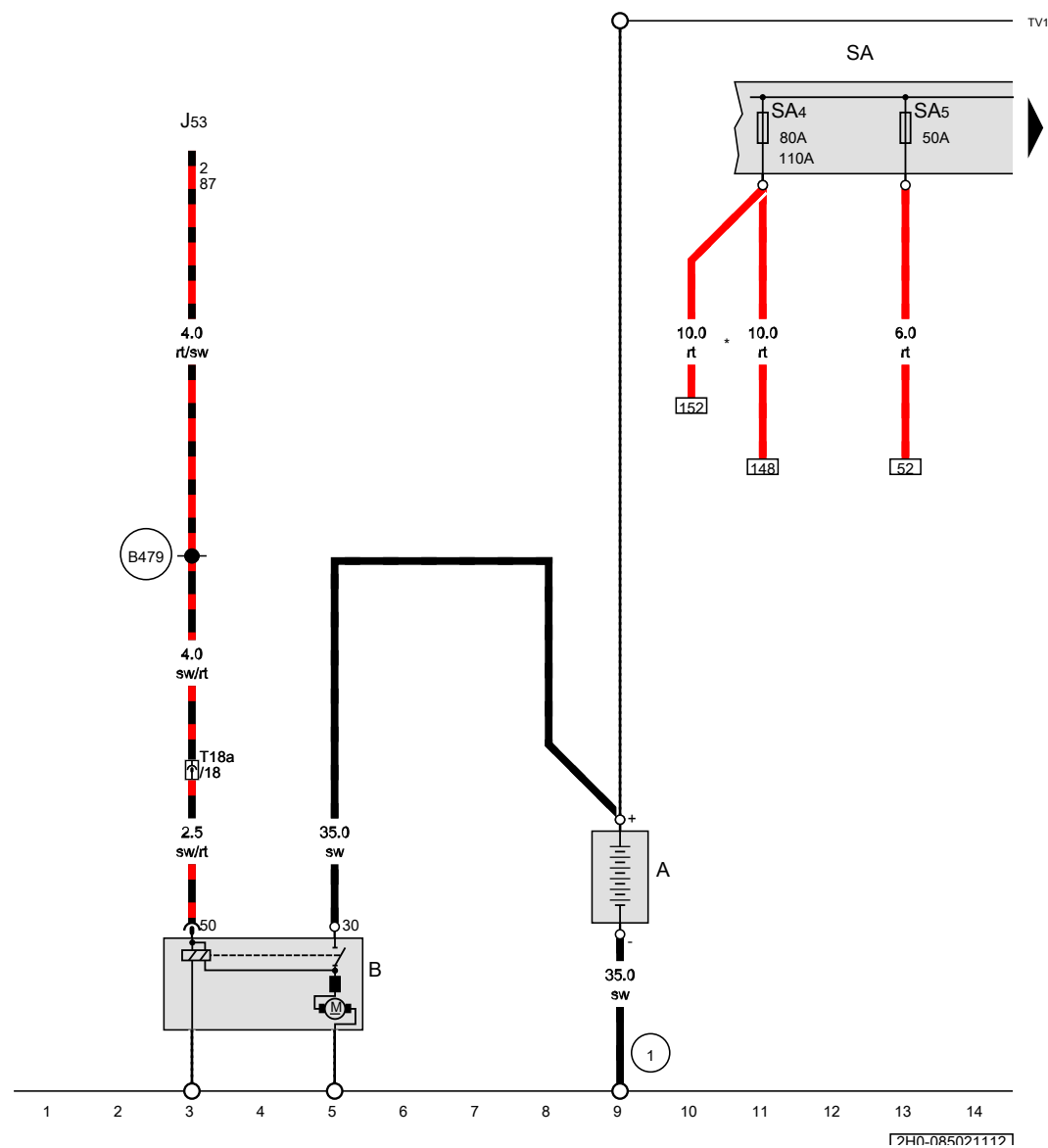
- A Battery
- B Starter
- J53 Starter motor relay
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- T18a 18-pin connector, near engine control unit, grey

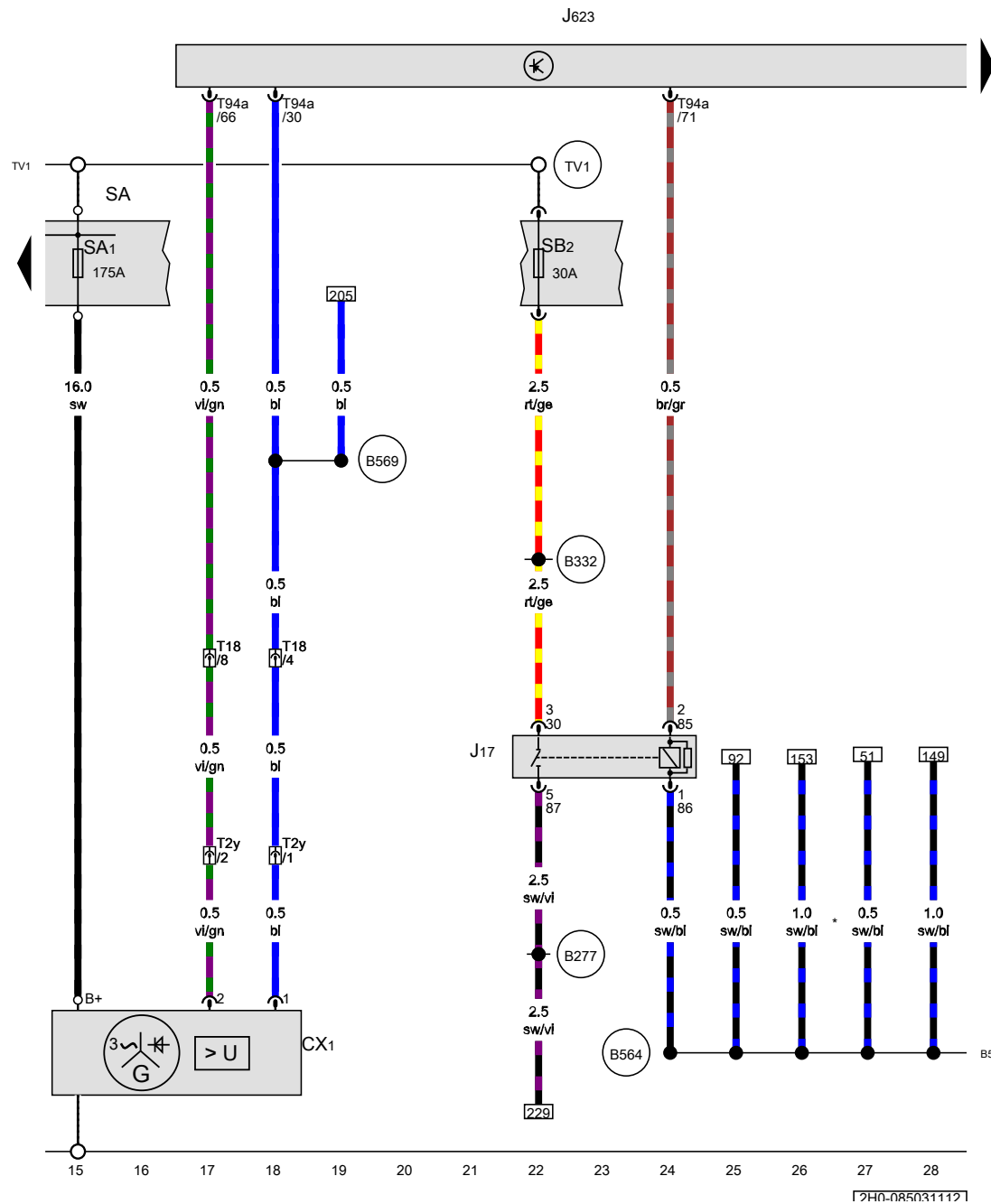
1 Earth strap, battery - body

B479 Connection 15, in main wiring harness

TV1 Wiring junction

* Only for countries with hot climate





Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J623 Engine control unit, near battery
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB2 Fuse 2 on fuse holder B
- T2y 2-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

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

B332 Positive connection 18 (30a) in main wiring harness

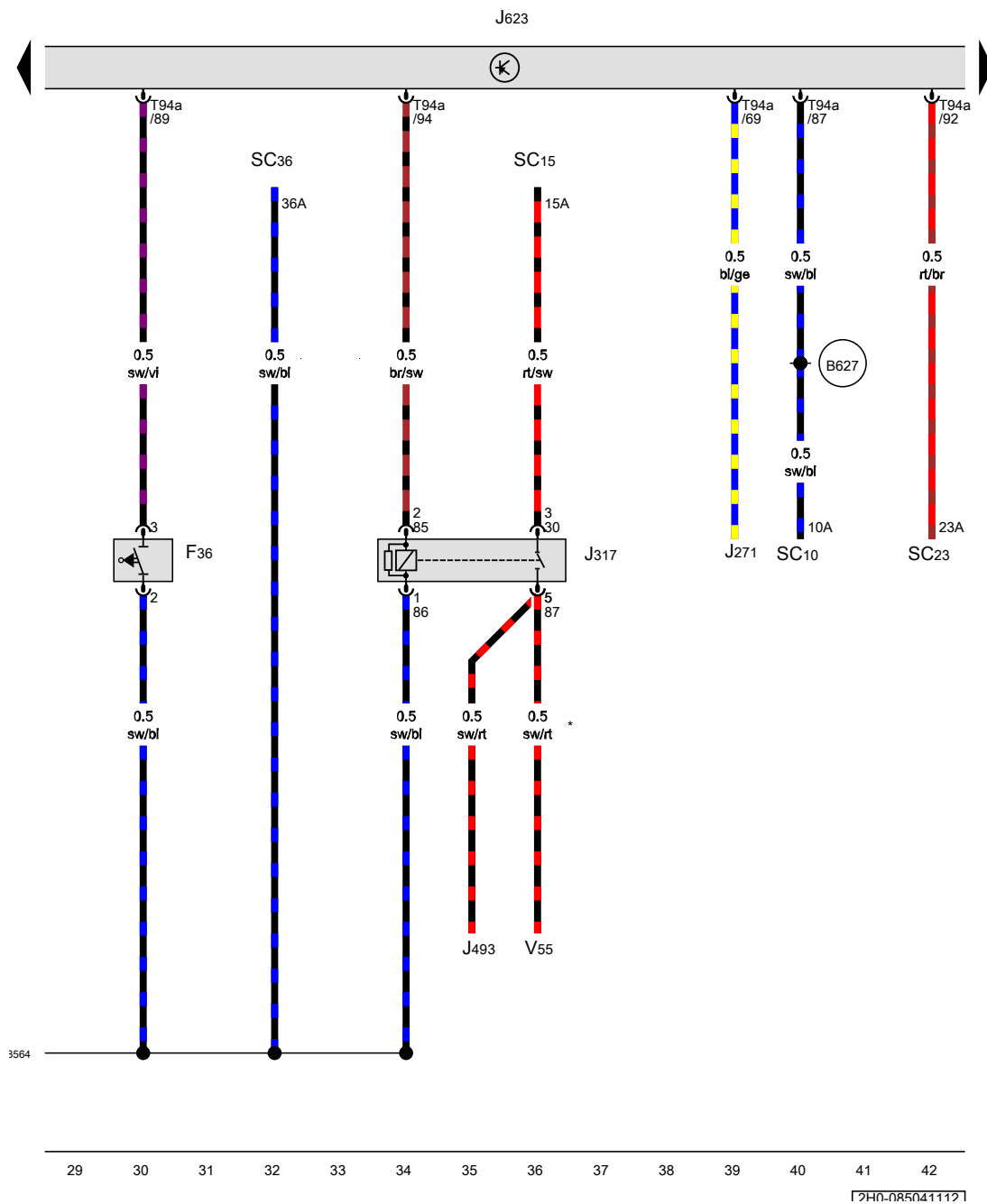
B564 Connection 31, in main wiring harness

B569 Connection 36, in main wiring harness

TV1 Wiring junction

* Only for countries with hot climate

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



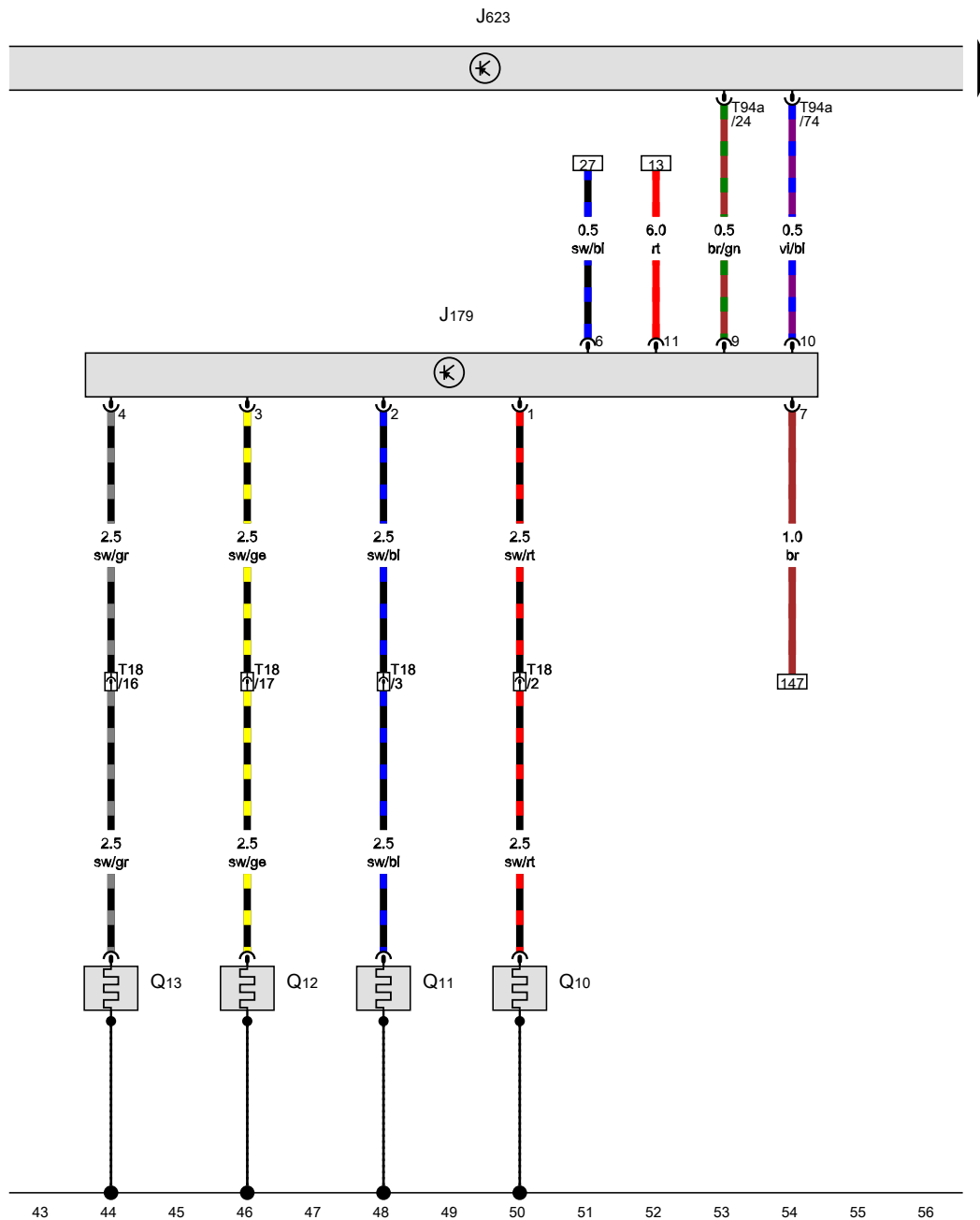
Clutch pedal switch, Main relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

- F36 Clutch pedal switch
- J271 Main relay, on relay carrier
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit, near battery
- SC10 Fuse 10 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94a 94-pin connector, black
- V55 Circulation pump
- B564 Connection 31, in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- * Only models with no air conditioning system/Climatronic

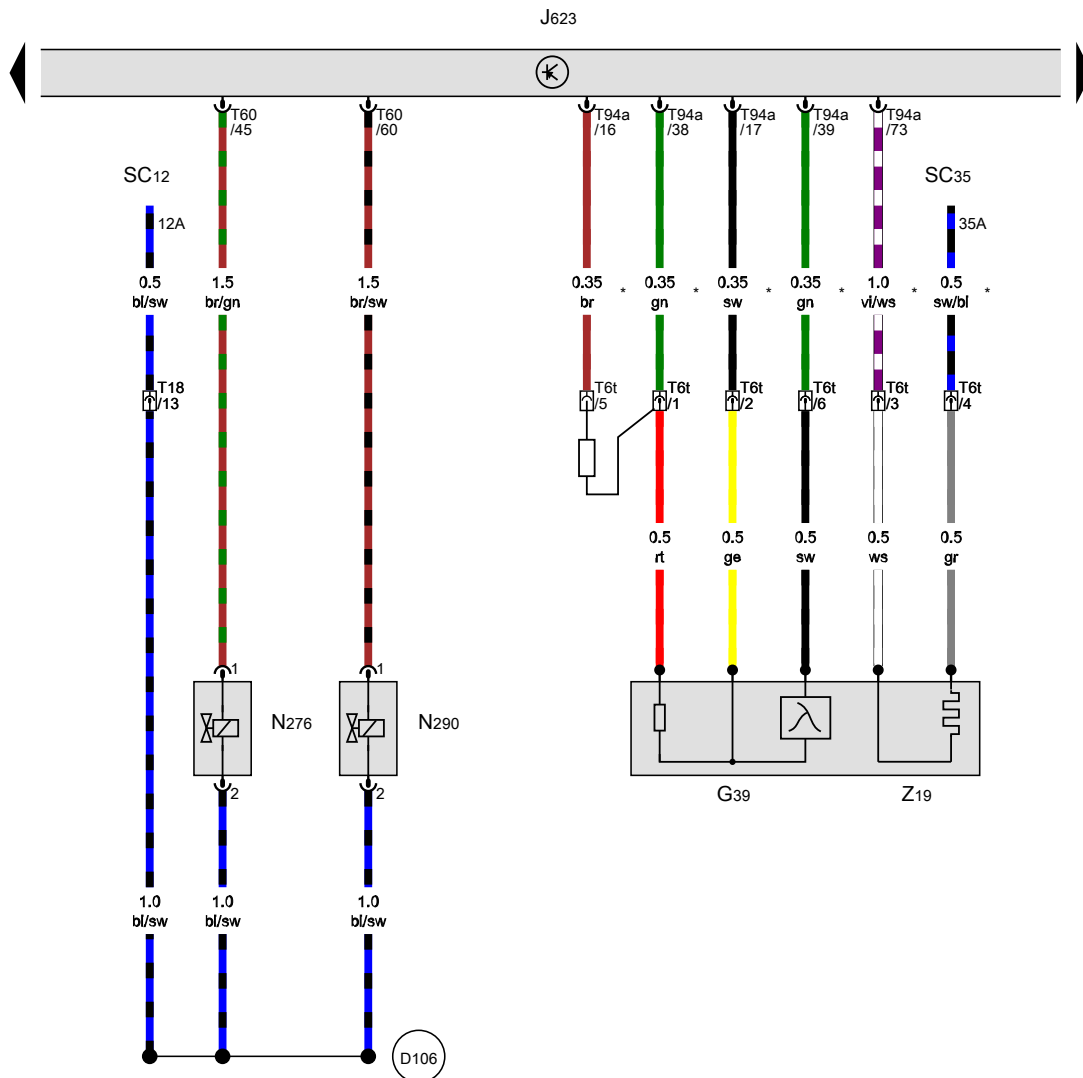
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
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Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit, near left headlight
- J623 Engine control unit, near battery
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black



[240-085051112]



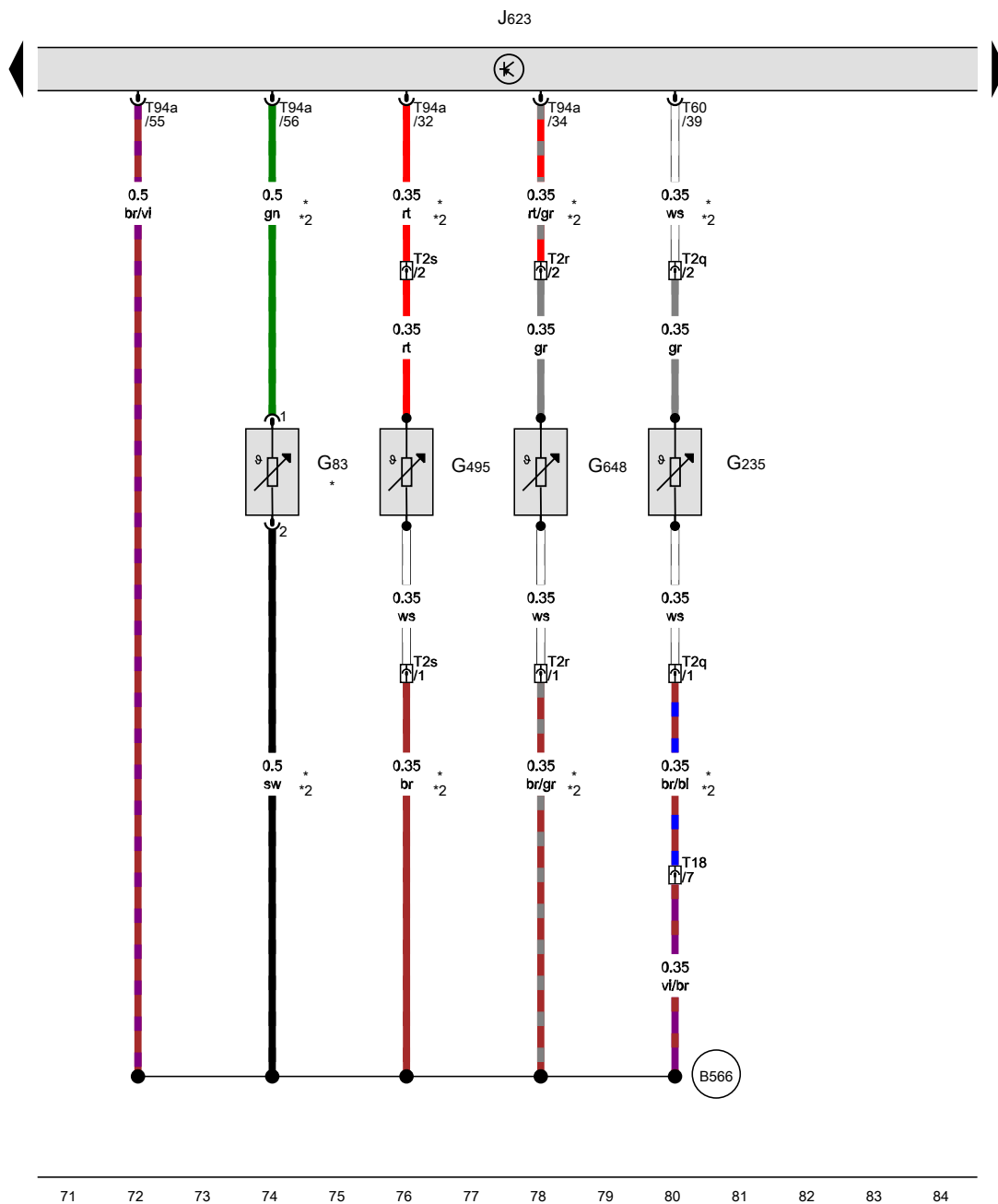
Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

- G39 Lambda probe
- J623 Engine control unit, near battery
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC12 Fuse 12 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater

D106 Connection 4 in engine compartment wiring harness

* Only models with Euro 5 emission standard

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



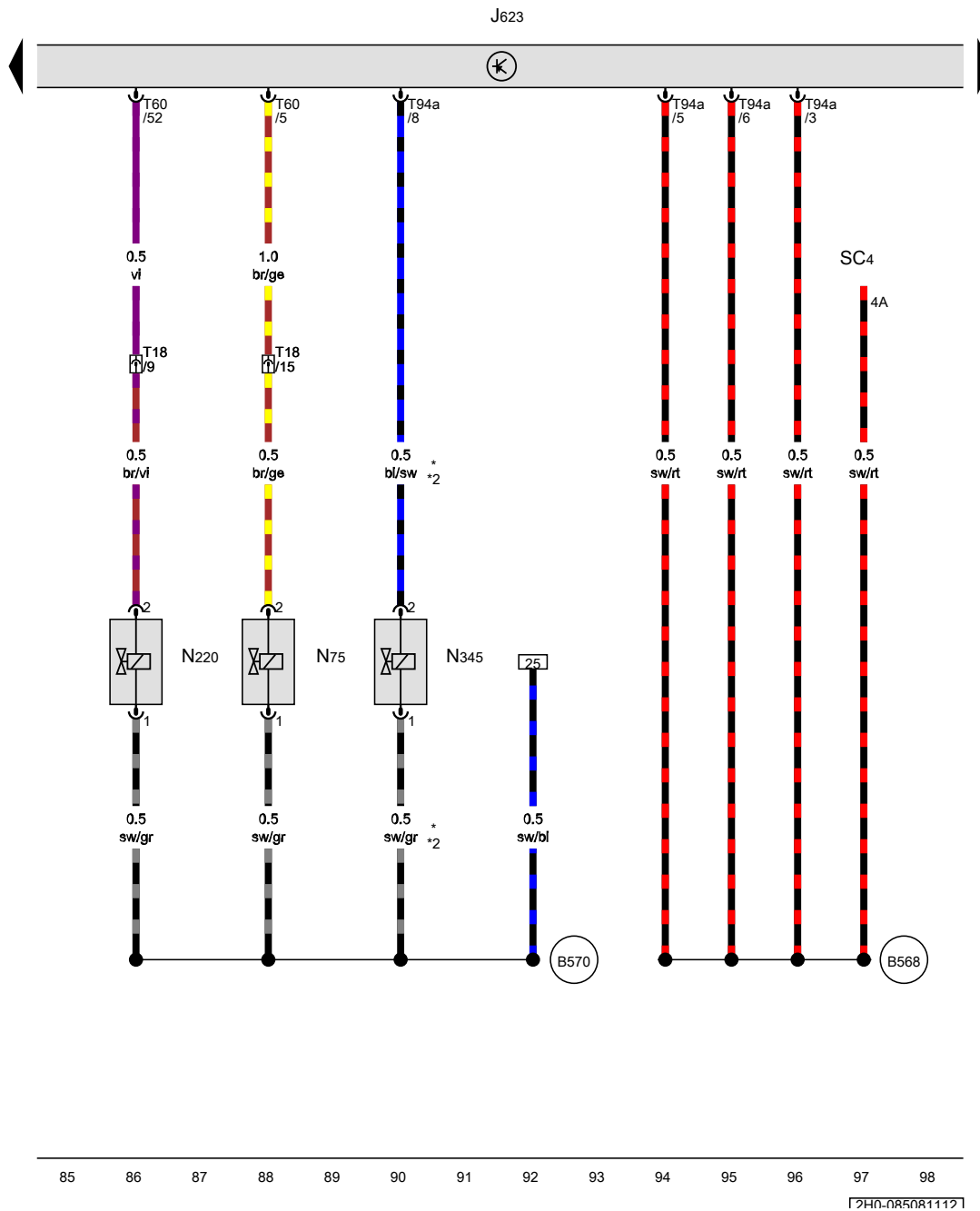
Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit, near battery
- T2q 2-pin connector, black
- T2r 2-pin connector, orange
- T2s 2-pin connector, brown
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B566 Connection 33, in main wiring harness

- * Only models with Euro 5 emission standard
- *2 Only models with Euro 5 plus emission standard (7MJ)

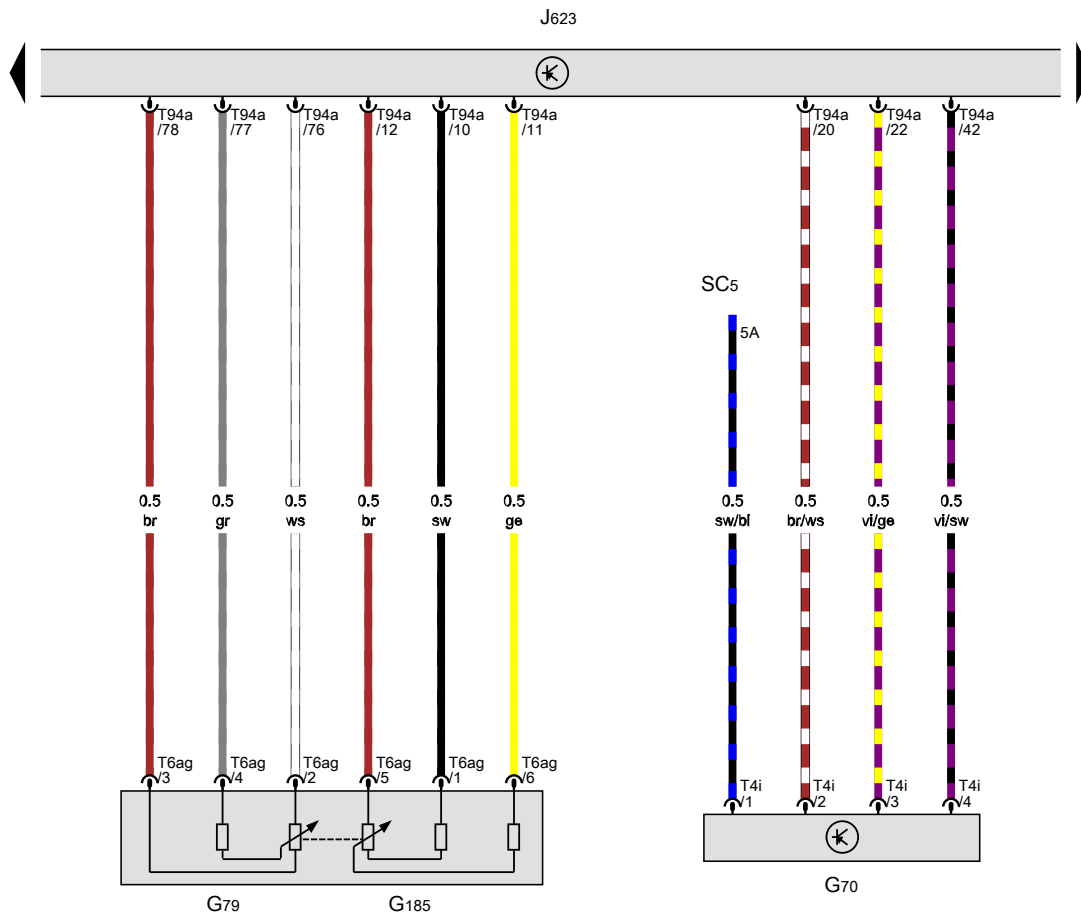
- ws = white
- sw = black
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- gn = green
- bl = blue
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- li = purple
- ge = yellow
- or = orange
- rs = pink



Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 4 on fuse holder C

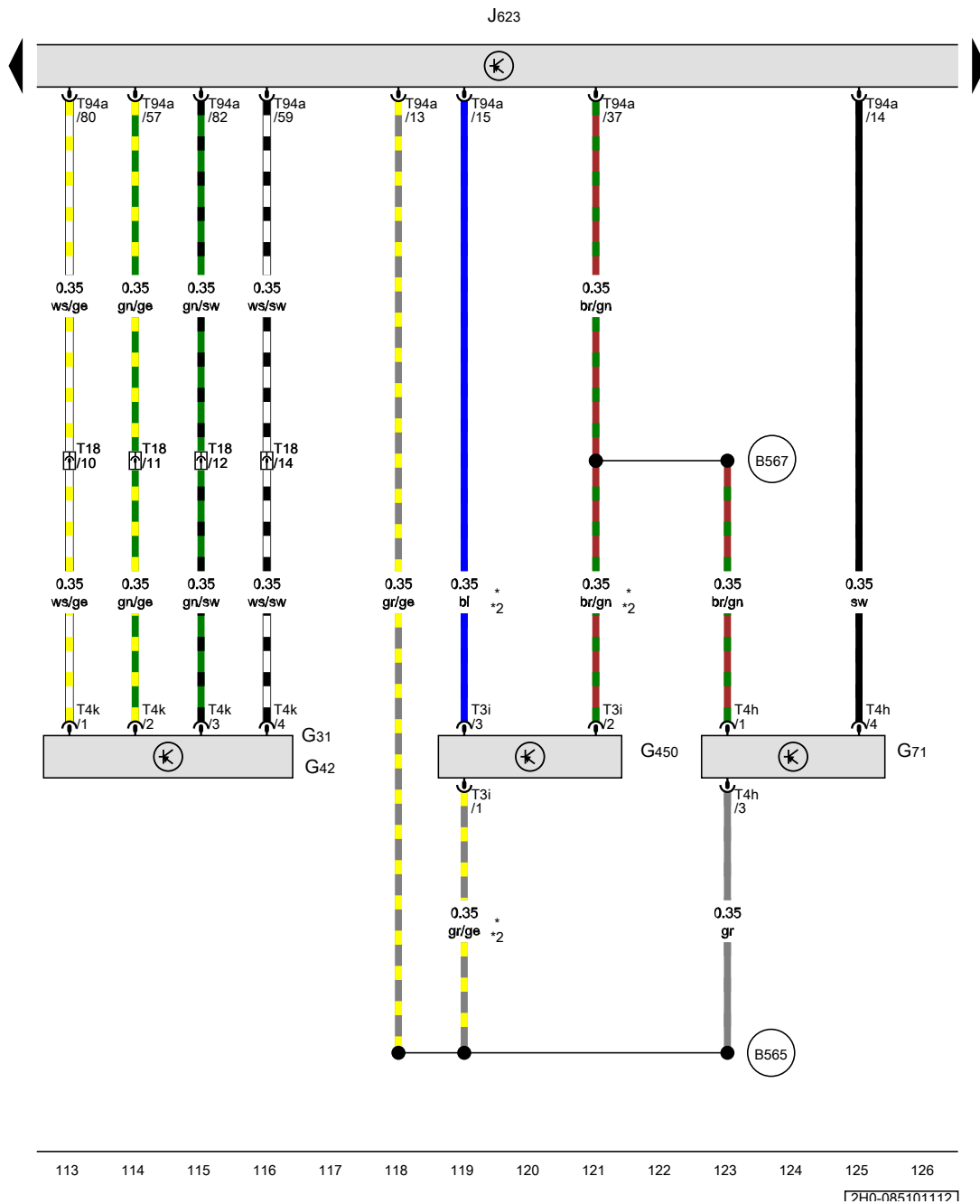
- J623 Engine control unit, near battery
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC4 Fuse 4 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- B568 Connection 35, in main wiring harness
- B570 Connection 37, in main wiring harness
- * Only models with Euro 5 emission standard
- *2 Only models with Euro 5 plus emission standard (7MJ)

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C



- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit, near battery
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T6ag 6-pin connector
- T94a 94-pin connector, black

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- ge = yellow
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- rs = pink



Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

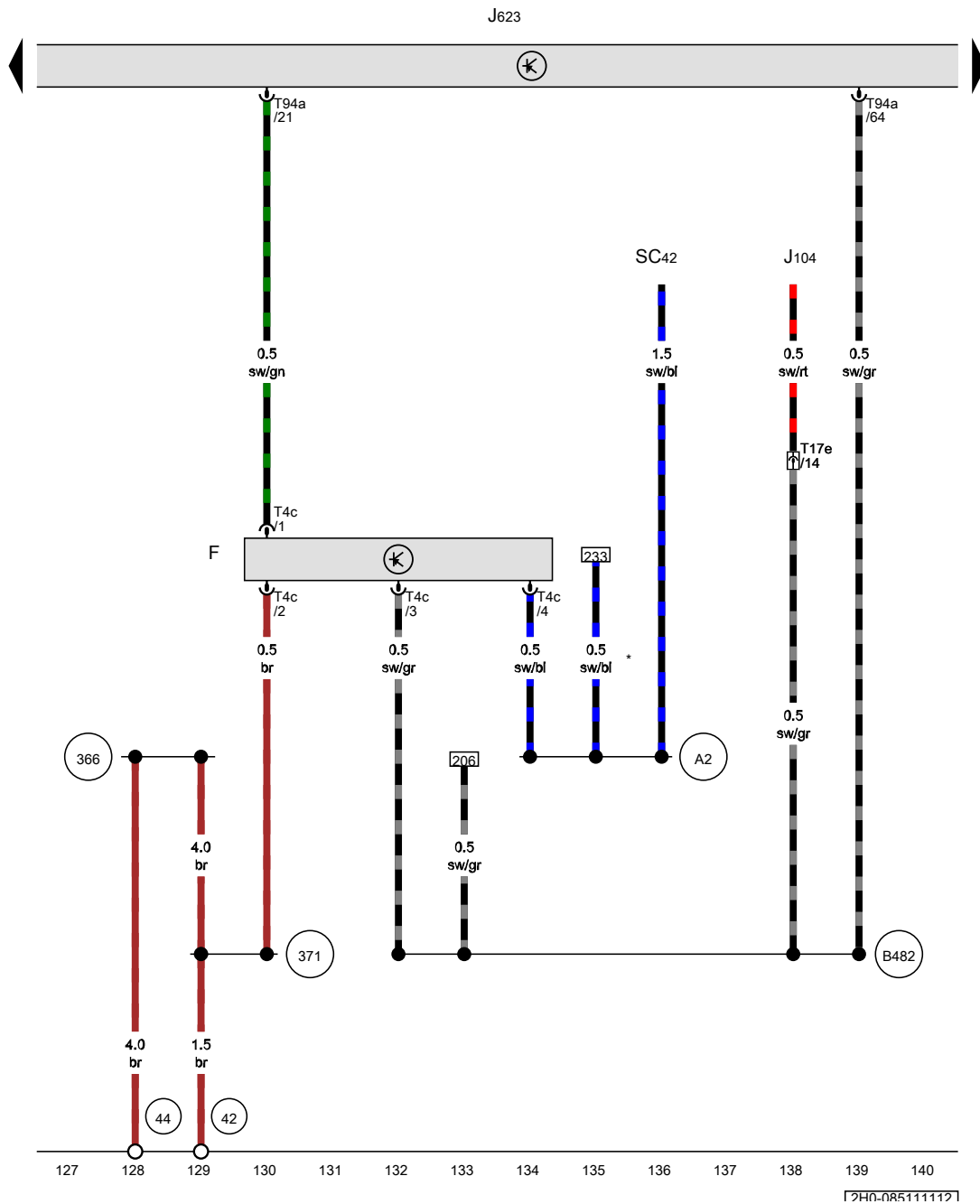
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit, near battery
- T3i 3-pin connector, black
- T4h 4-pin connector, black
- T4k 4-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with Euro 5 emission standard

*2 Only models with Euro 5 plus emission standard (7MJ)

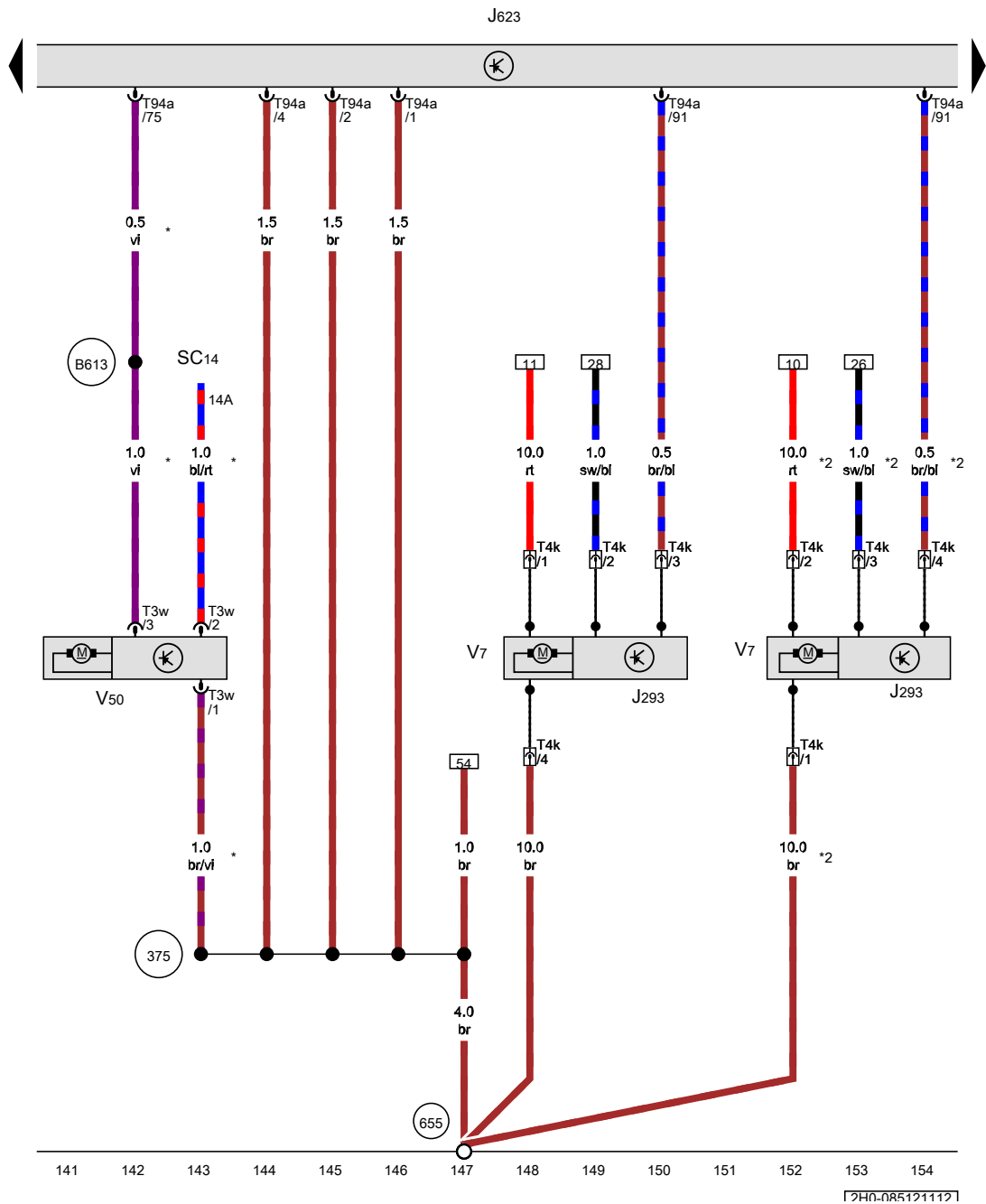


Brake light switch, Engine control unit

- F Brake light switch
- J104 ABS control unit
- J623 Engine control unit, near battery
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T94a 94-pin connector, black

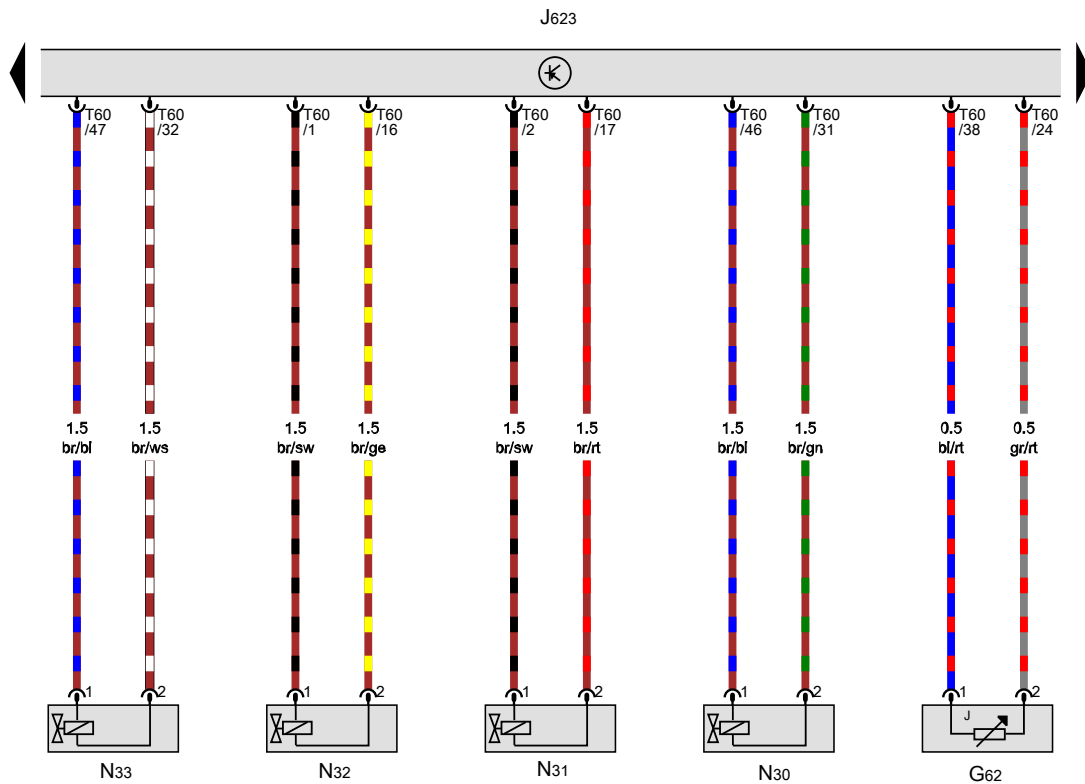
- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness
- * Only models with Euro 5 emission standard

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



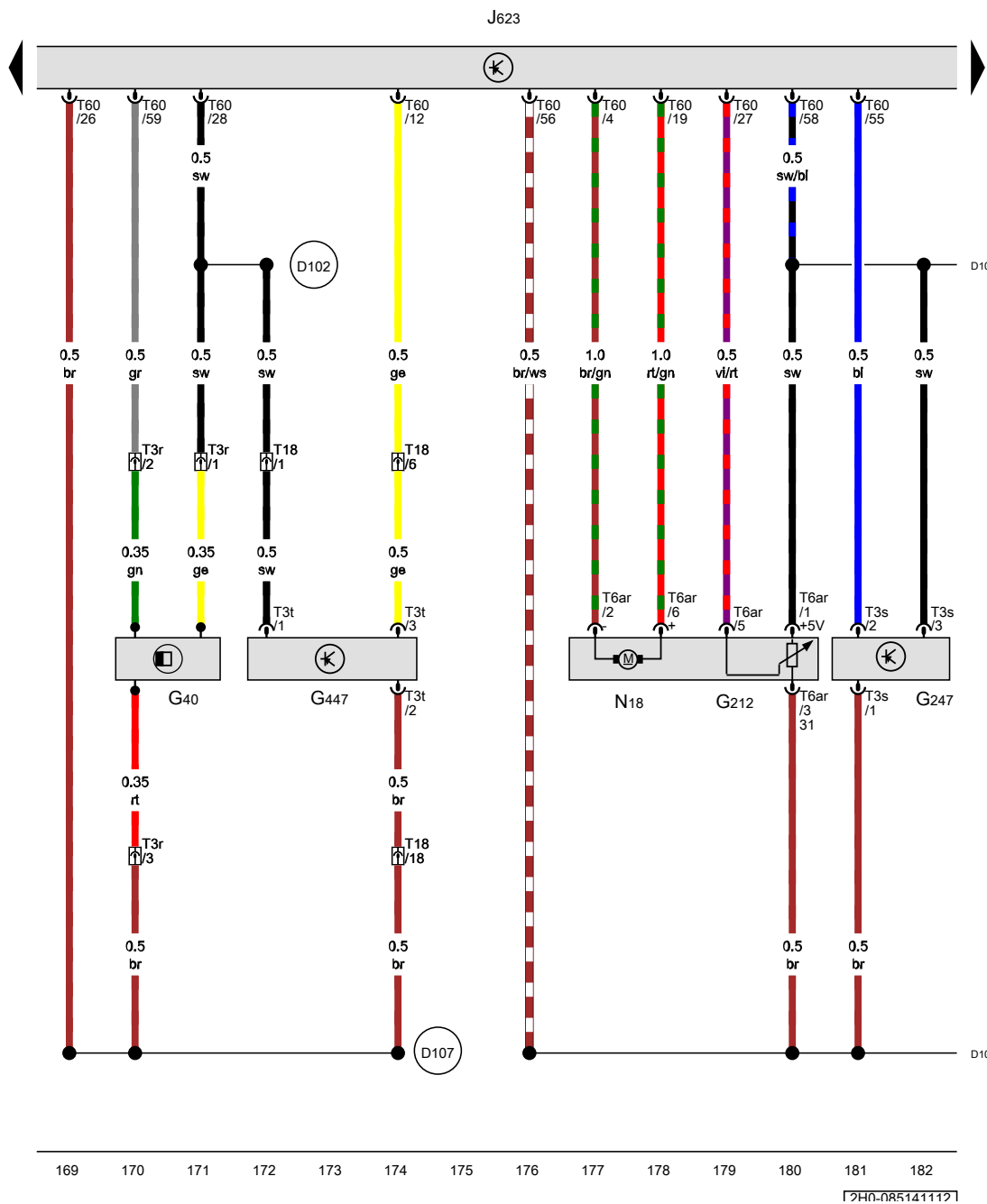
Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

- J293 Radiator fan control unit
- J623 Engine control unit, near battery
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector
- T4k 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B613 Connection 41, in main wiring harness
- * Only models with Euro 5 plus emission standard (7MJ)
- *2 Only for countries with hot climate



Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit, near battery
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T60 60-pin connector, black

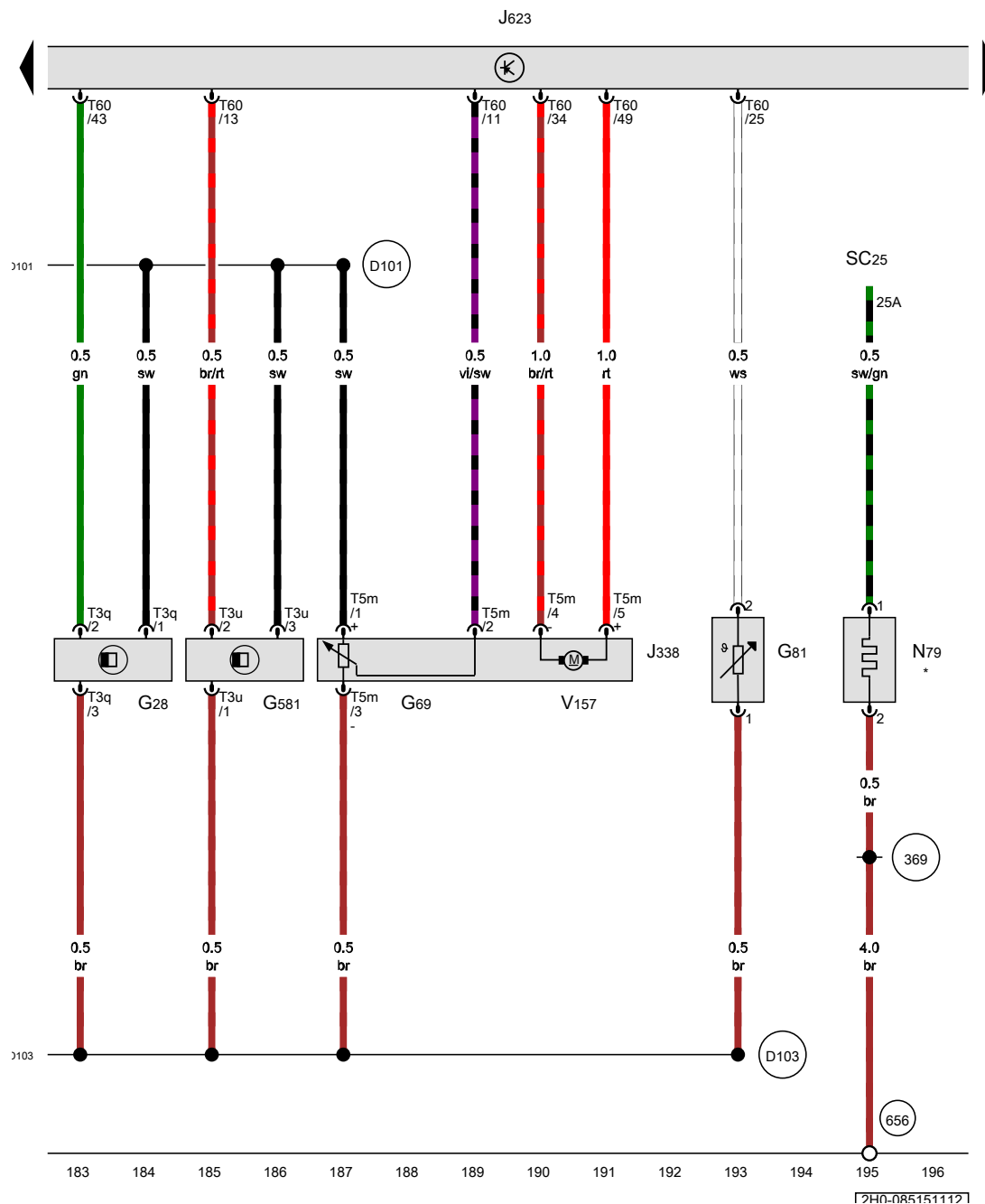


Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G447 Charge pressure sender 2, on turbocharger air recirculation valve
- J623 Engine control unit, near battery
- N18 Exhaust gas recirculation valve
- T3r 3-pin connector, on front of engine, black
- T3s 3-pin connector, black
- T3t 3-pin connector
- T6ar 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black

- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness

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



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Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

G28 Engine speed sender
 G69 Throttle valve potentiometer
 G81 Fuel temperature sender
 G581 Position sender for charge pressure positioner
 J338 Throttle valve module
 J623 Engine control unit, near battery
 N79 Heater element for crankcase breather
 SC25 Fuse 25 on fuse holder C
 T3q 3-pin connector, black
 T3u 3-pin connector, black
 T5m 5-pin connector
 T60 60-pin connector, black
 V157 Intake manifold flap motor

369 Earth connection 4, in main wiring harness

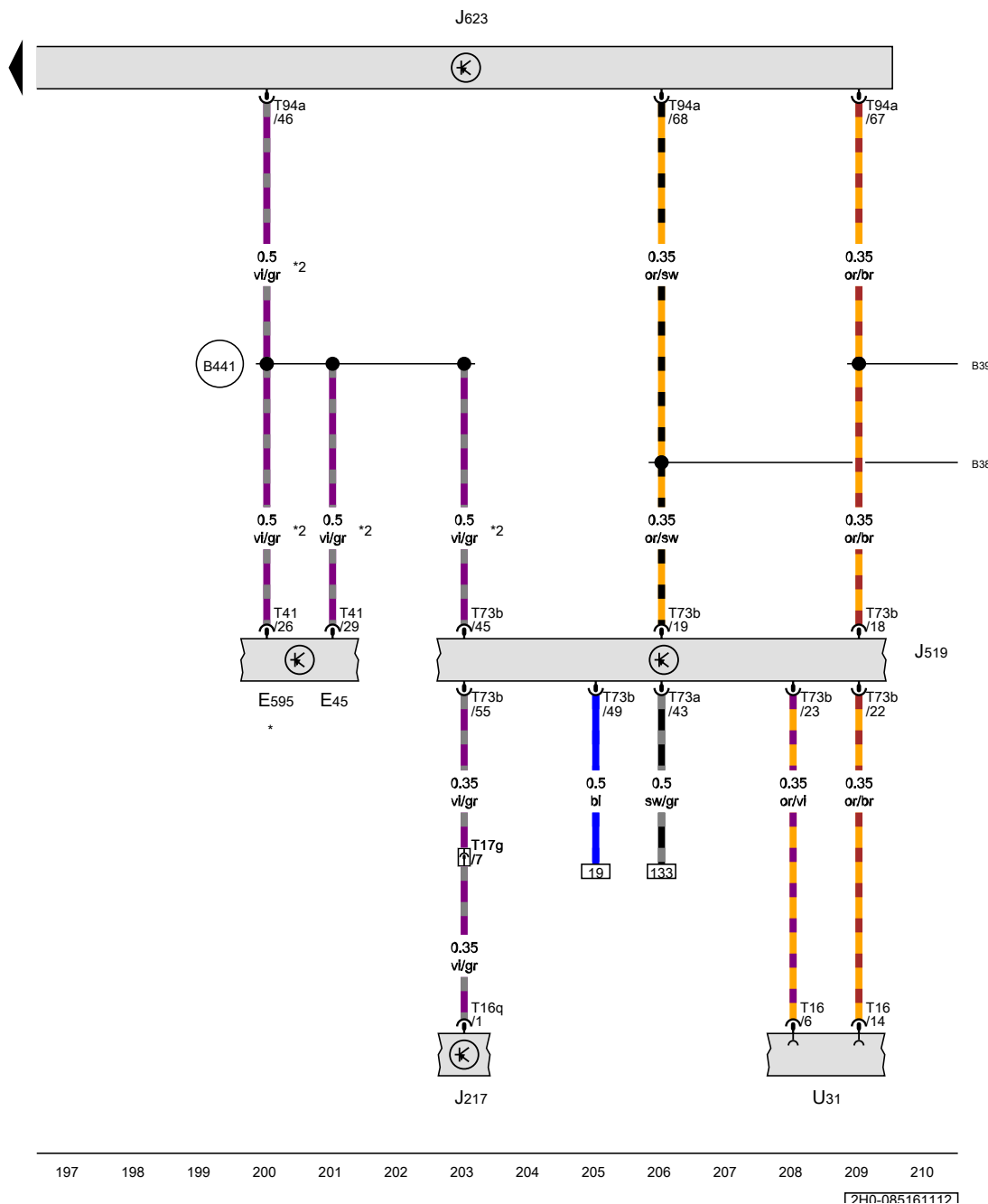
656 Earth point, on right headlight

D101 Connection 1 in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

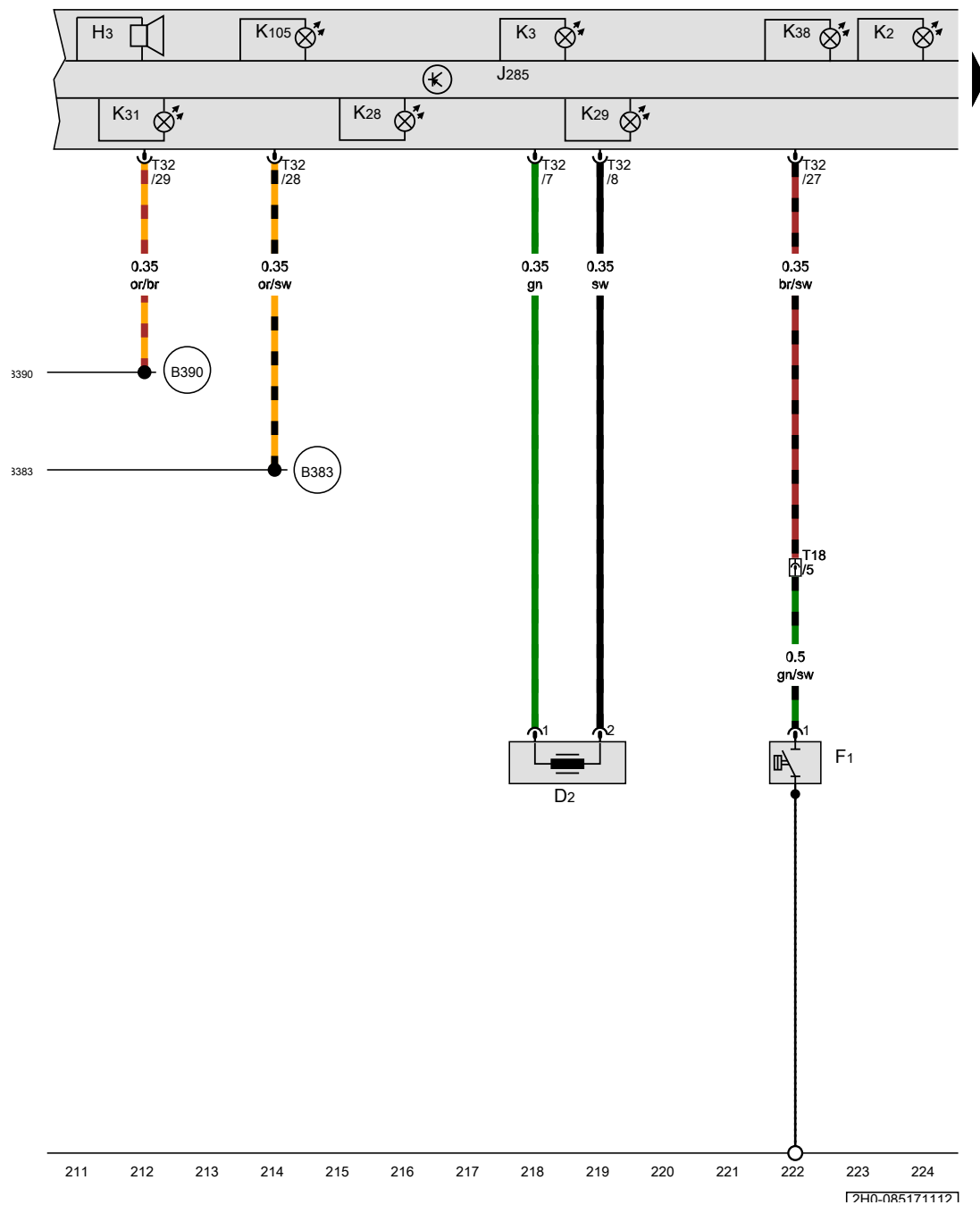
* Only models with crankcase breather heater element

Cruise control system switch, Automatic gearbox control unit, Onboard supply control unit, Engine control unit



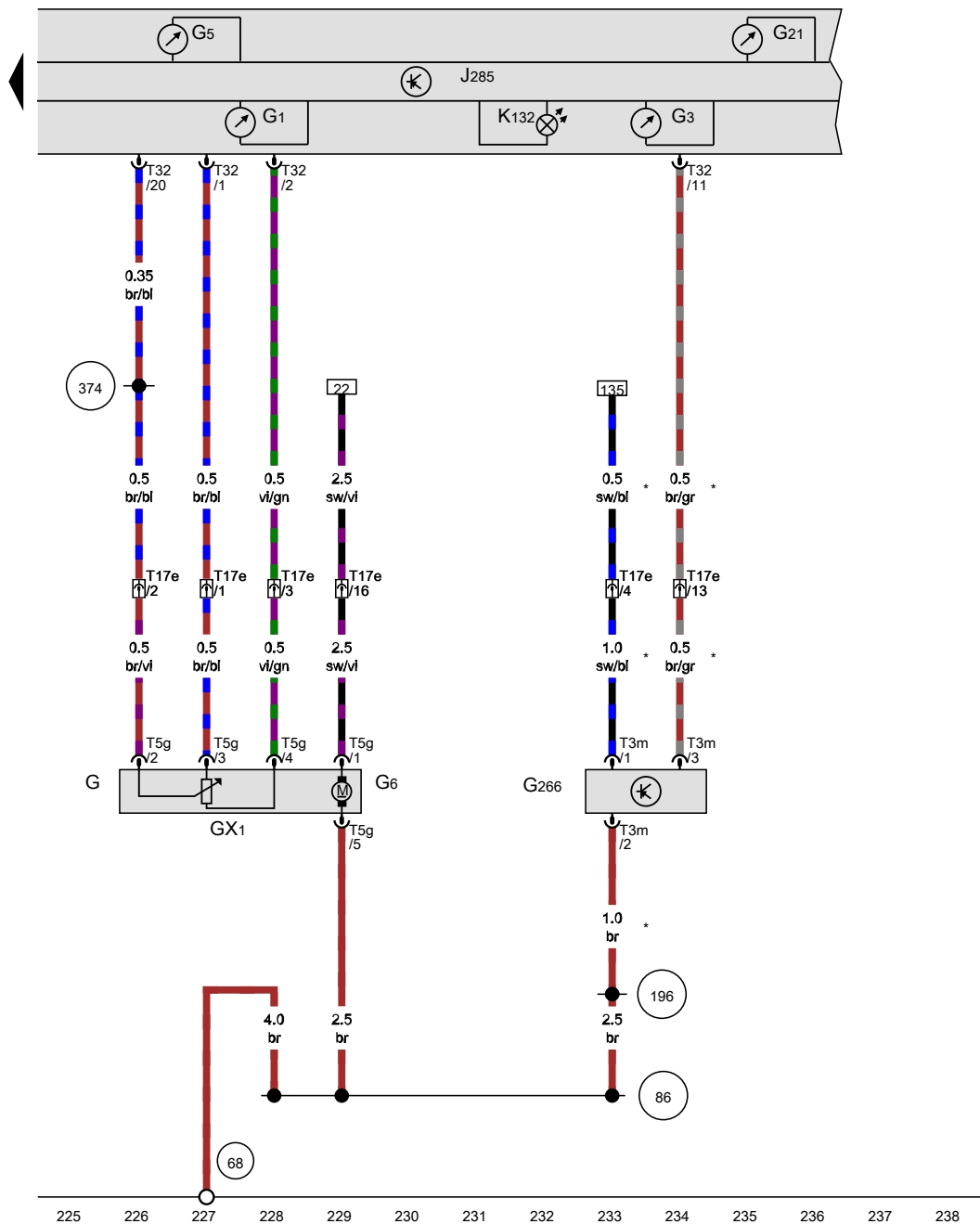
- E45 Cruise control system switch
- E595 Steering column combination switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J623 Engine control unit, near battery
- T16 16-pin connector, black
- T16q 16-pin connector
- T17g 17-pin connector, near handbrake lever, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black
- 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
- B441 Connection (CCS), in main wiring harness
- * see applicable current flow diagram for basic equipment
- *2 Only models with cruise control system (CCS)

- ws = white
- sw = black
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- gn = green
- bl = blue
- gr = grey
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- ge = yellow
- or = orange
- rs = pink



Dash panel insert

- D2 Immobiliser reader coil
- F1 Oil pressure switch
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



Oil level and oil temperature sender, Dash panel insert

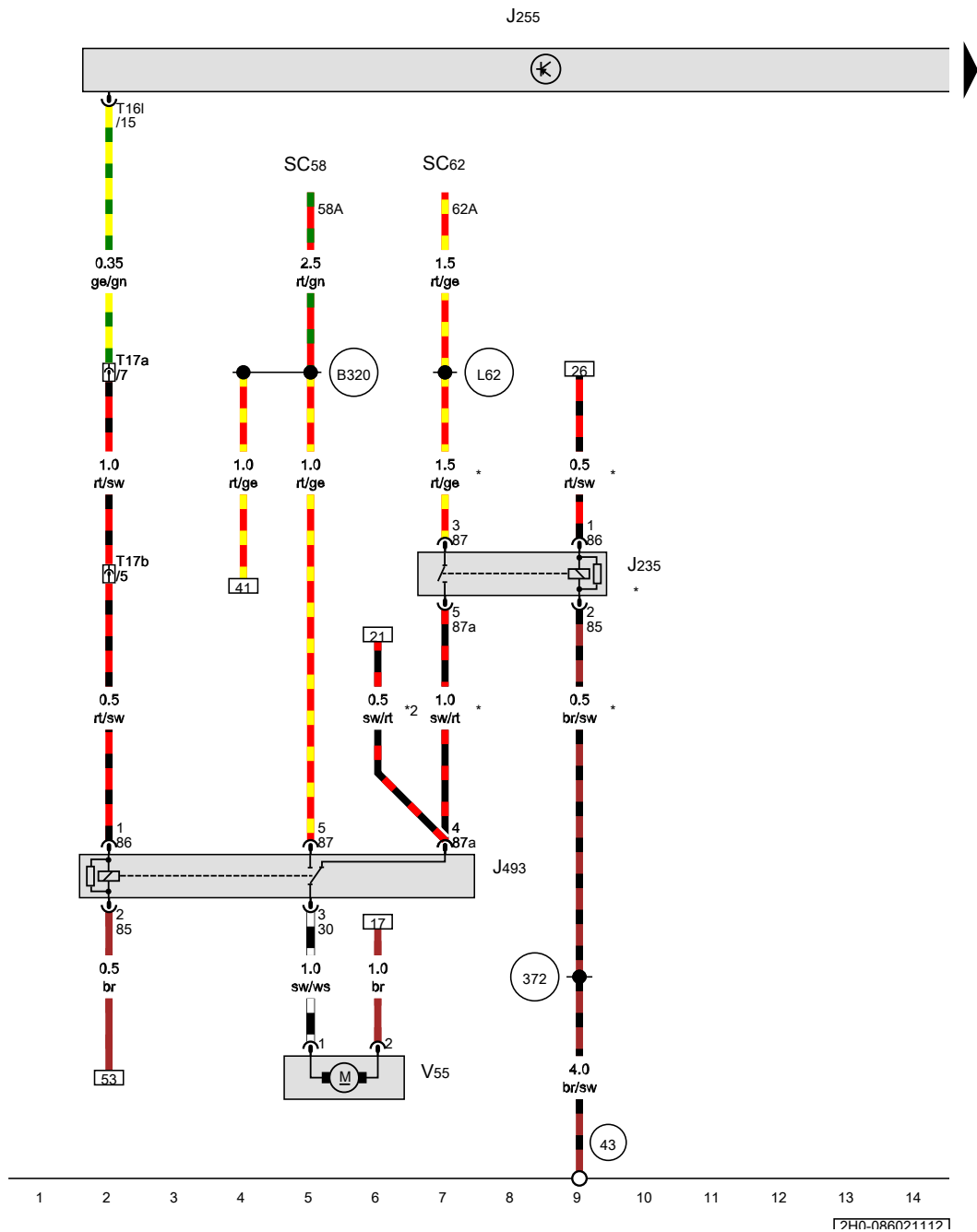
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K132 Electronic power control fault lamp
- T3m 3-pin connector, black
- T5g 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- * Only models with Euro 5 emission standard

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Climatronic

From January 2013



Climatronic control unit, Circulation pump

- J235 Coolant pump relay
- J255 Climatronic control unit, in centre of dash panel
- J493 Auxiliary coolant heater relay
- SC58 Fuse 58 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- T16l 16-pin connector, black
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- V55 Circulation pump

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness

- * Only models with petrol engine
- *2 Only models with diesel engine

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

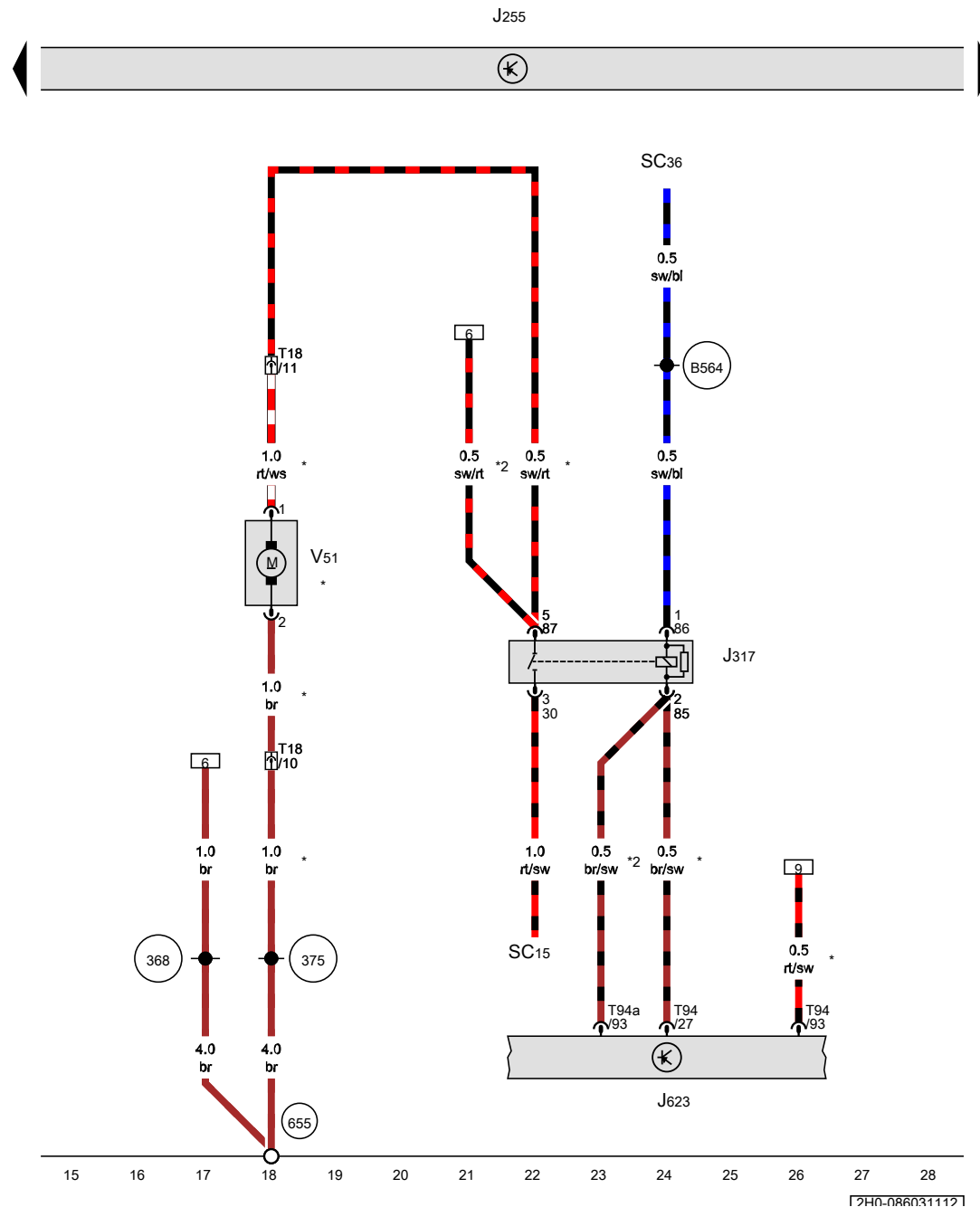
Climatronic control unit, Continued coolant circulation pump

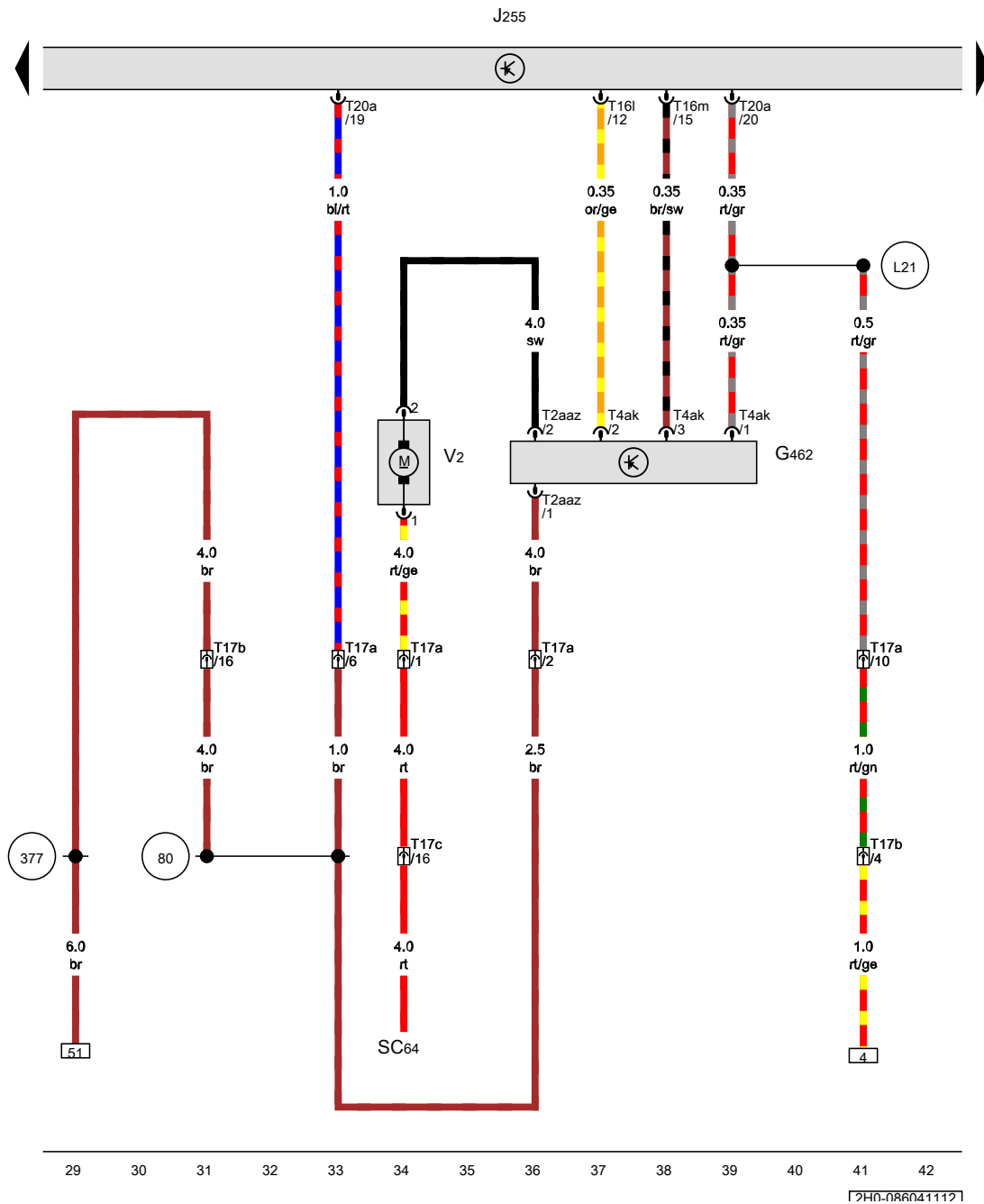
- J255 Climatronic control unit, in centre of dash panel
 J317 Terminal 30 voltage supply relay
 J623 Engine control unit
 SC15 Fuse 15 on fuse holder C
 SC36 Fuse 36 on fuse holder C
 T18 18-pin connector, near engine control unit, black
 T94 94-pin connector, black
 T94a 94-pin connector, black
 V51 Continued coolant circulation pump

- 368 Earth connection 3, in main wiring harness
 375 Earth connection 10, in main wiring harness
 655 Earth point, on left headlight
 B564 Connection 31, in main wiring harness

- * Only models with petrol engine
 *2 Only models with diesel engine

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

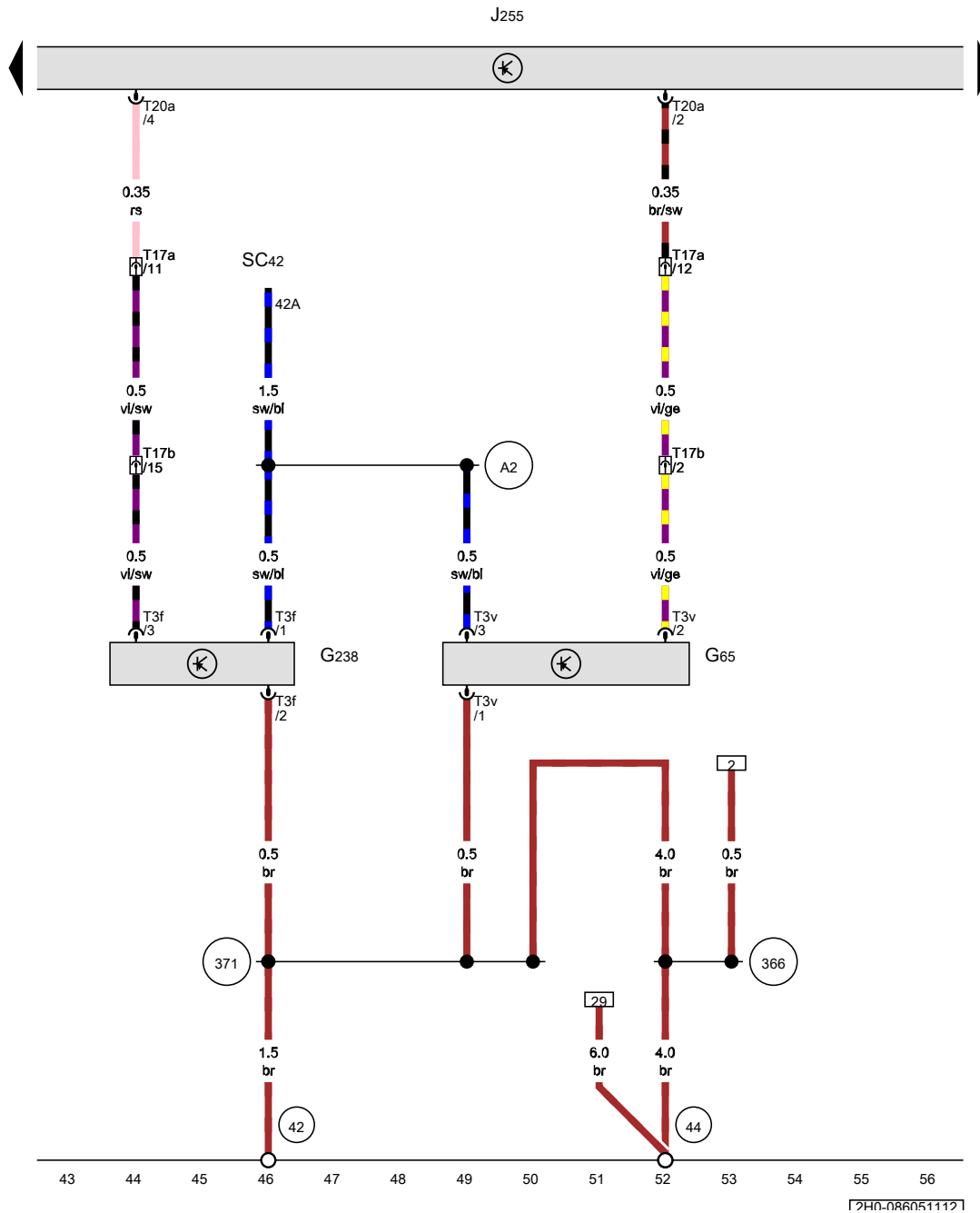




Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit, in centre of dash panel
SC64	Fuse 64 on fuse holder C
T2aaz	2-pin connector
T4ak	4-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel, white
T20a	20-pin connector
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness

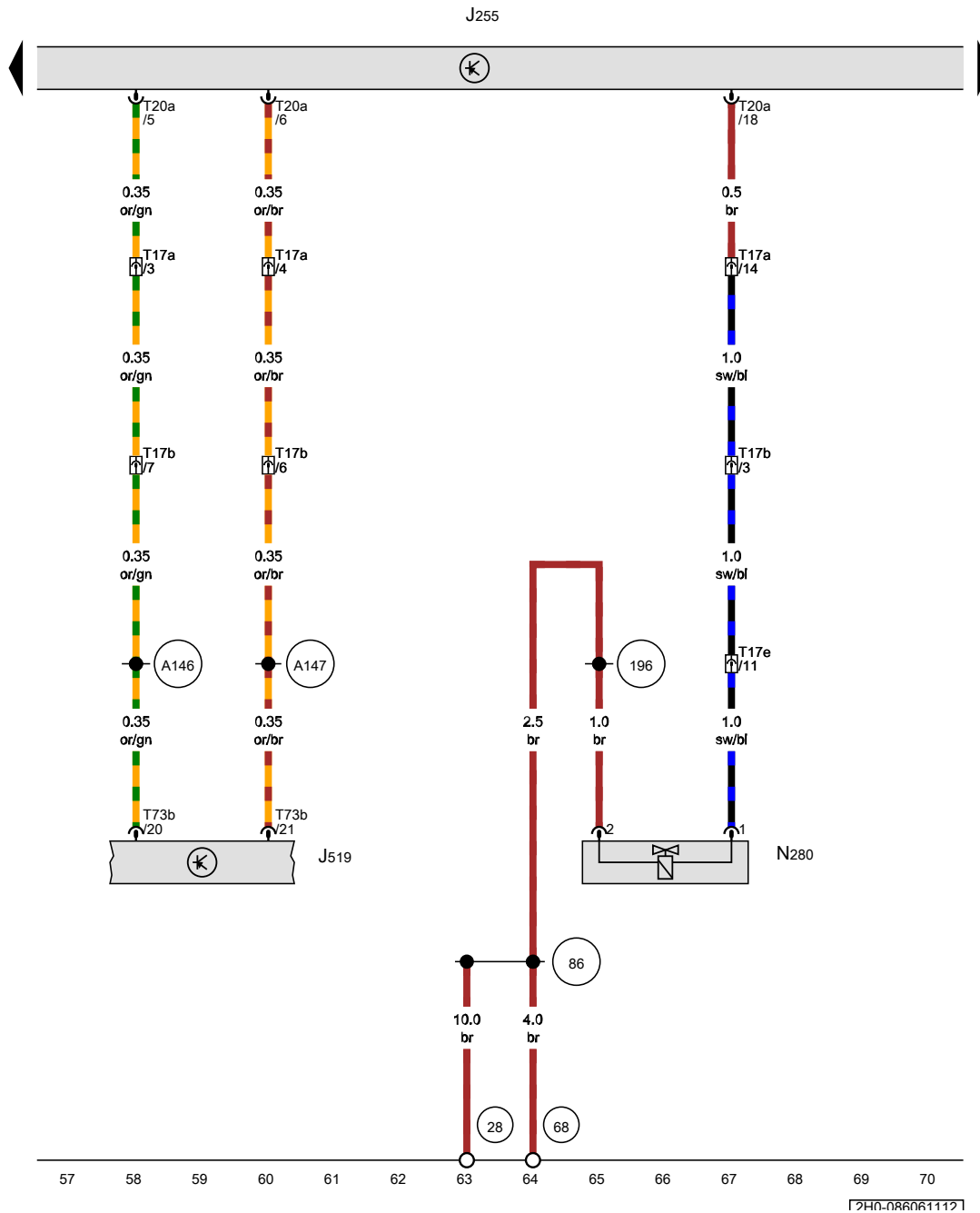
ws = white
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High-pressure sender, Air quality sensor, Climatronic control unit, Fuse 42 on fuse holder C

- G65 High-pressure sender
- G238 Air quality sensor, near window wiper motor
- J255 Climatronic control unit, in centre of dash panel
- SC42 Fuse 42 on fuse holder C
- T3f 3-pin connector
- T3v 3-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- T20a 20-pin connector

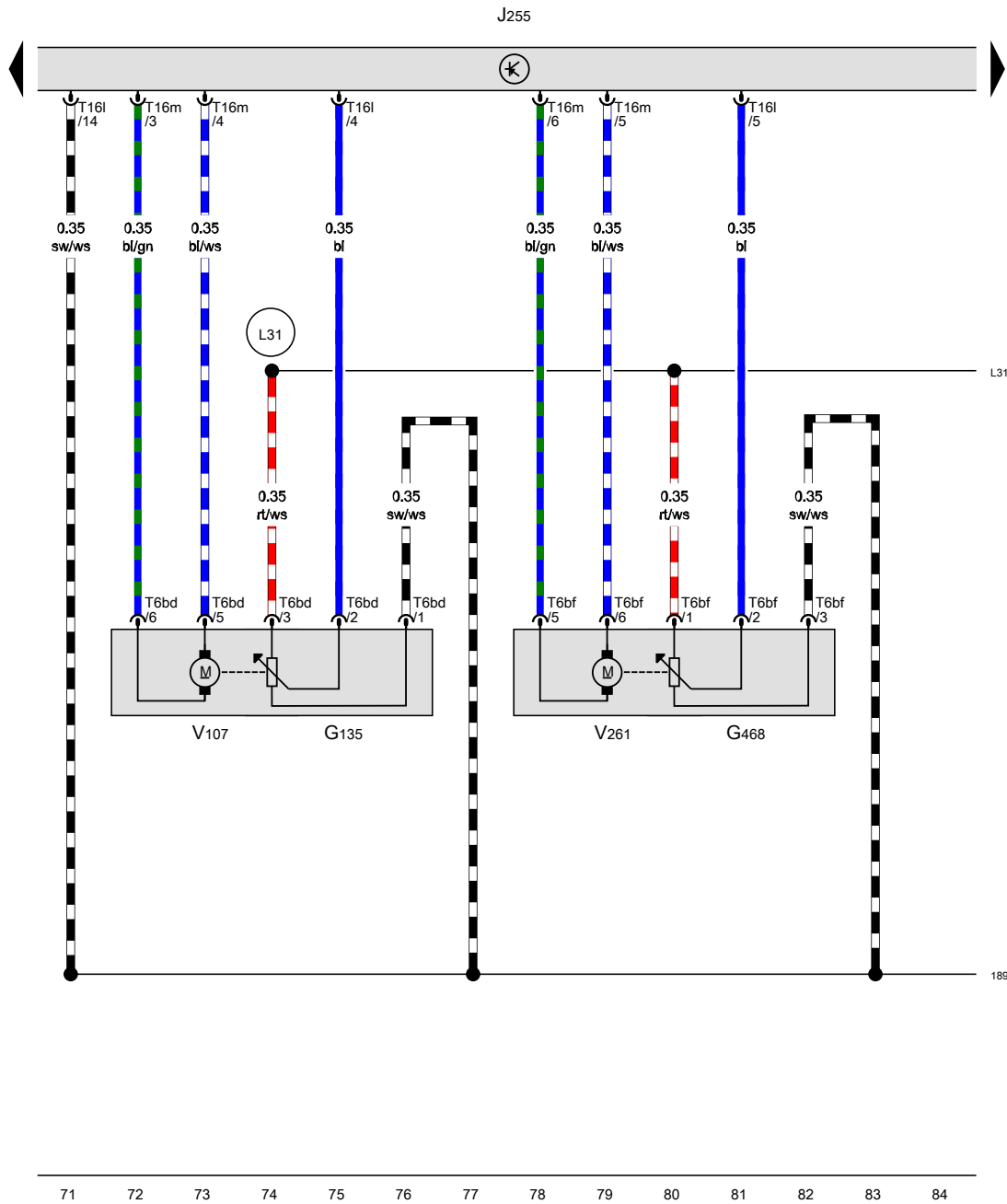
- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness



Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

- J255 Climatronic control unit, in centre of dash panel
- J519 Onboard supply control unit
- N280 Air conditioner compressor regulating valve
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on relay carrier, brown
- T17e 17-pin connector, near handbrake lever, red
- T20a 20-pin connector
- T73b 73-pin connector, colourless
- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness

ws = white
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 bl = blue
 gr = grey
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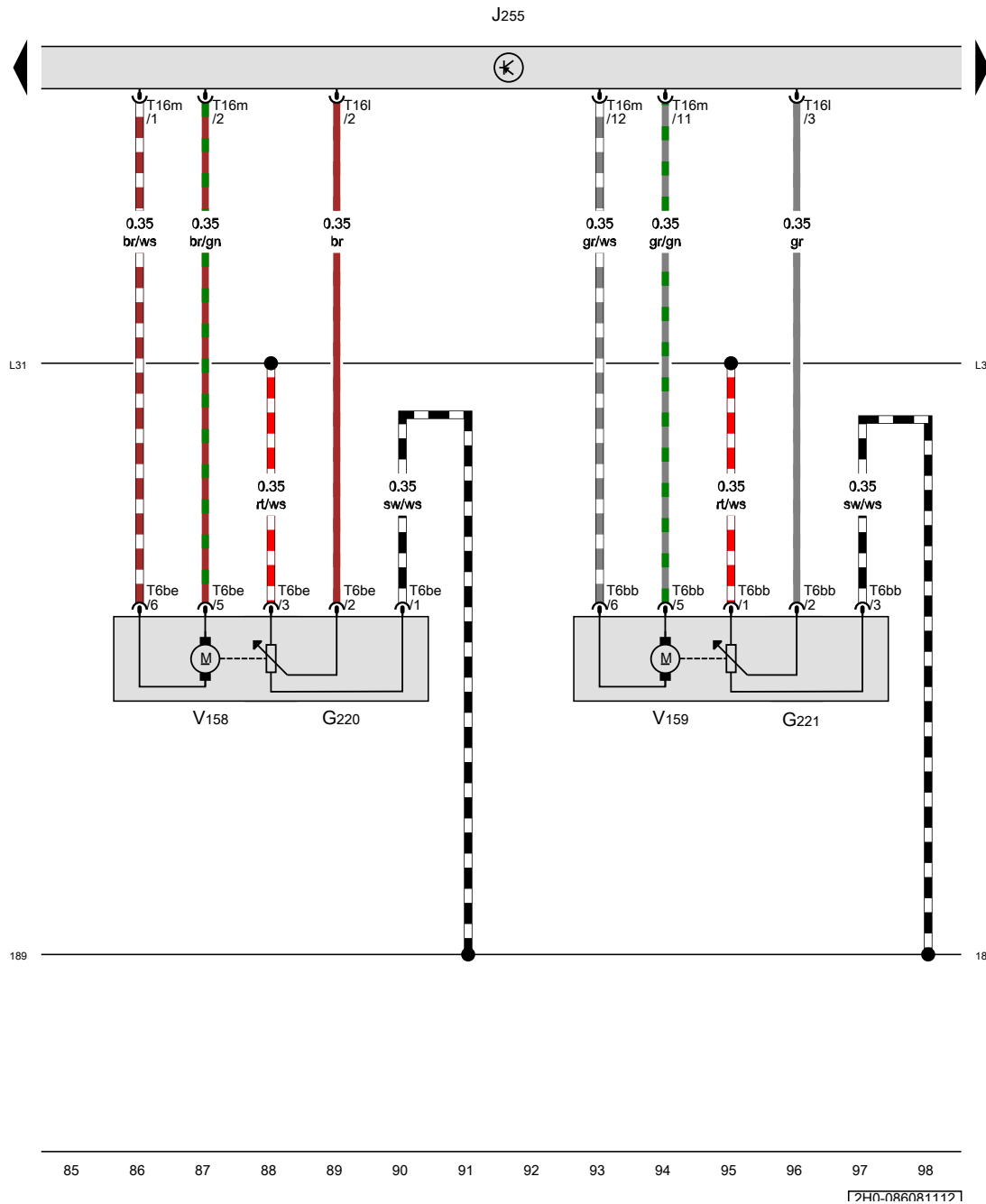


Potentiometer for defroster flap control motor,
Potentiometer for footwell vent control motor, Climatronic
control unit, Defroster flap control motor, Footwell flap
control motor

- G135 Potentiometer for defroster flap control motor
- G468 Potentiometer for footwell vent control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bd 6-pin connector, black
- T6bf 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V107 Defroster flap control motor
- V261 Footwell flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

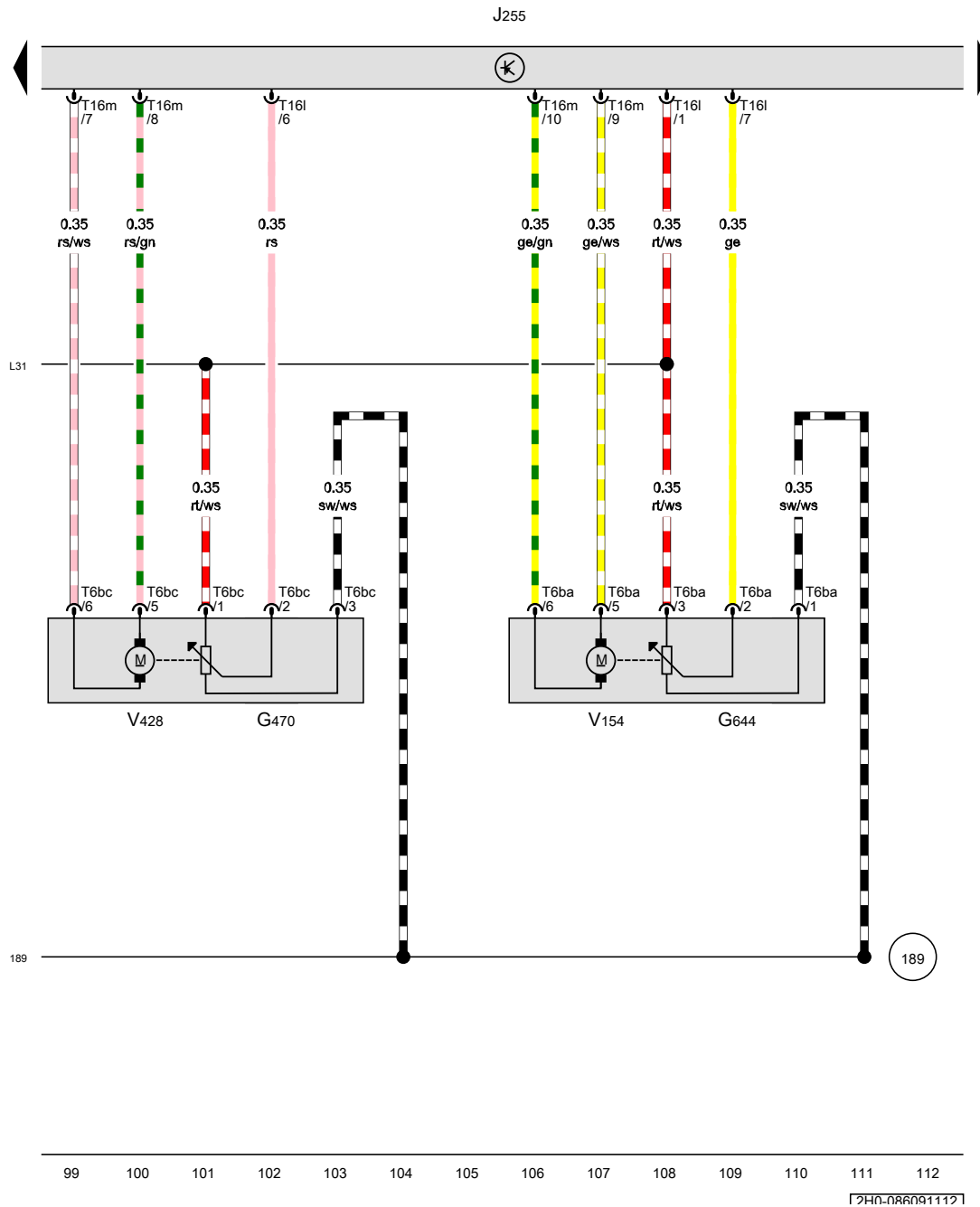
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Potentiometer for left temperature flap control motor,
 Potentiometer for right temperature flap control motor,
 Climatronic control unit, Left temperature flap control motor,
 Right temperature flap control motor

- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6bb 6-pin connector
- T6be 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

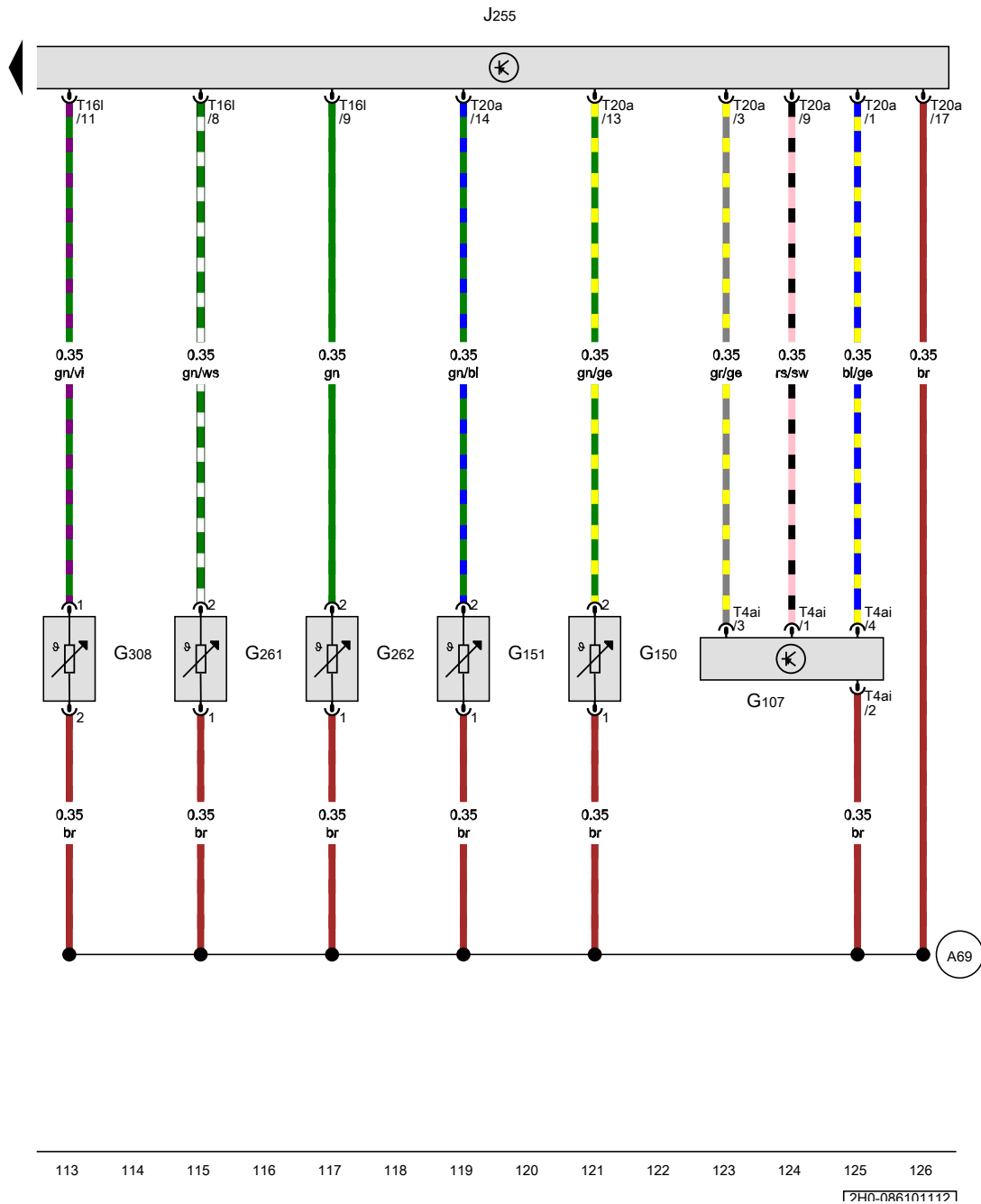
- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



Potentiometer for front air distribution control motor,
Potentiometer for fresh air/recirculated air, air flow flap
control motor, Climatronic control unit, Fresh air and air
recirculation flap control motor, Air distribution flap control
motor

- G470 Potentiometer for front air distribution control motor
- G644 Potentiometer for fresh air/recirculated air, air flow flap control motor
- J255 Climatronic control unit, in centre of dash panel
- T6ba 6-pin connector
- T6bc 6-pin connector
- T16l 16-pin connector, black
- T16m 16-pin connector, brown
- V154 Fresh air and air recirculation flap control motor
- V428 Air distribution flap control motor

- 189 Earth connection 1, in heater wiring harness
- L31 Connection (5V), in air conditioning system wiring harness



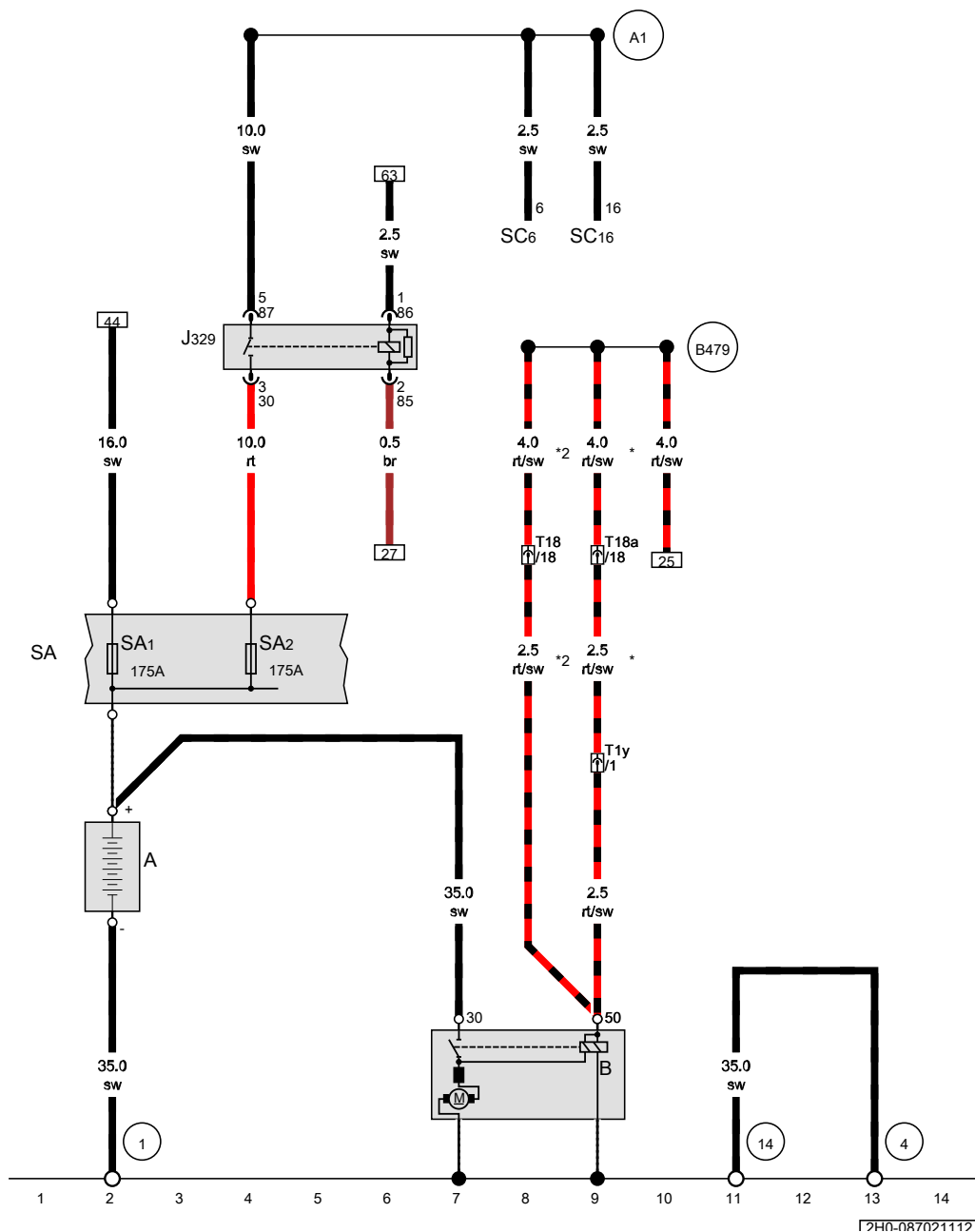
Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- J255 Climatronic control unit, in centre of dash panel
- T4ai 4-pin connector, black
- T16l 16-pin connector, black
- T20a 20-pin connector
- A69 Connection (31, air conditioning system/blower control), in dash panel wiring harness

Basic equipment

From January 2013

Battery, Starter, Terminal 15 voltage supply relay, Fuse holder A

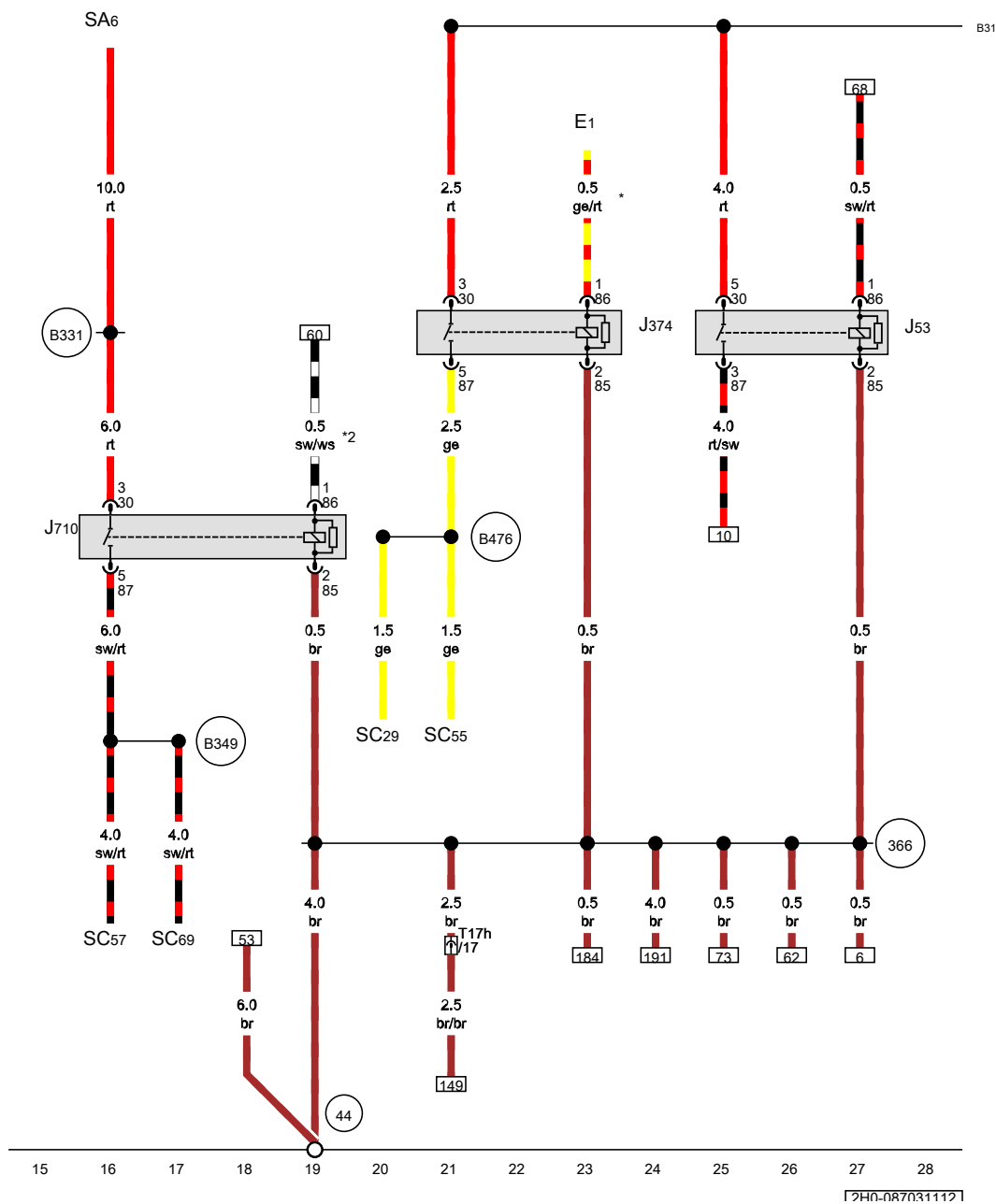


- A Battery
- B Starter
- J329 Terminal 15 voltage supply relay
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SC6 Fuse 6 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- T1y Single connector, black
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- 4 Earth strap, battery - body - gearbox
- 14 Earth point, on gearbox
- A1 Positive connection (30a), in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine

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Starter motor relay, Terminal 58b relief relay, Voltage supply relay 2



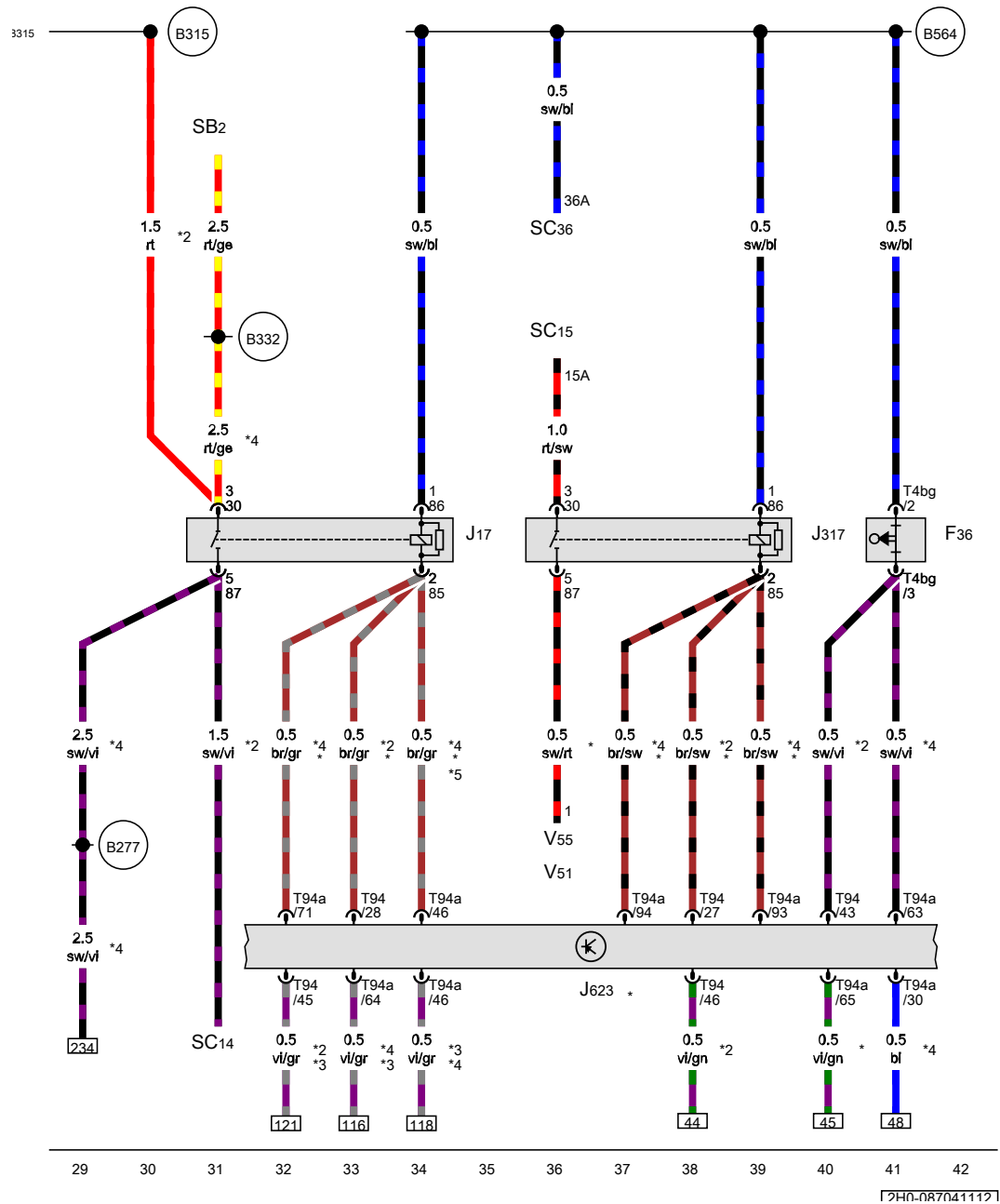
- E1 Light switch
- J53 Starter motor relay
- J374 Terminal 58b relief relay
- J710 Voltage supply relay 2
- SA6 Fuse 6 in fuse holder A
- SC29 Fuse 29 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- T17h 17-pin connector, on left under dash panel, blue

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B331 Positive connection 17 (30a) in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B476 Connection 12, in main wiring harness

- * see applicable current flow diagram
- *2 Only models with no start/stop system

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

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

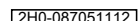


- F36 Clutch pedal switch
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB2 Fuse 2 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4bg 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V51 Continued coolant circulation pump
- V55 Circulation pump

- B277 Positive connection 1 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- B332 Positive connection 18 (30a) in main wiring harness
- B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with petrol engine
- *3 Only models with cruise control system (CCS)
- *4 Only models with diesel engine
- *5 Slot assignment, with no cruise control system (CCS)

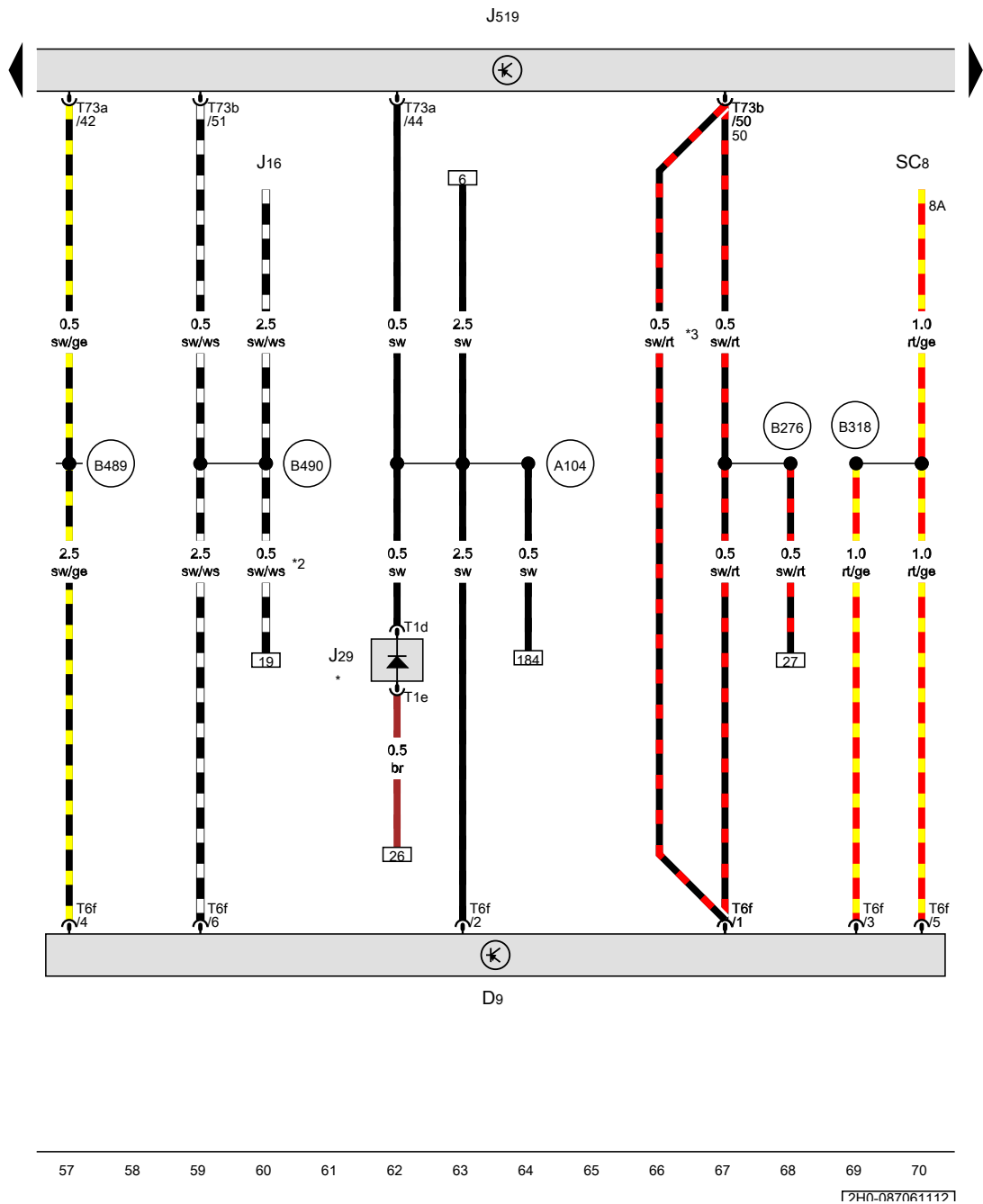
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- rs = pink



CX1	Alternator with voltage regulator
J519	Onboard supply control unit
SB4	Fuse 4 on fuse holder B
T18	18-pin connector, near engine control unit, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless

12	Earth point, on left in engine compartment
377	Earth connection 12, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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bl = blue
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Electronic ignition lock

- D9 Electronic ignition lock
- J16 Current supply relay
- J29 Blocking diode, near steering column
- J519 Onboard supply control unit
- SC8 Fuse 8 on fuse holder C
- T1d Single connector, red
- T1e Single connector, red
- T6f 6-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

A104 Positive connection 2 (15), in dash panel wiring harness

B276 Positive connection (50), in main wiring harness

B318 Positive connection 4 (30a) in main wiring harness

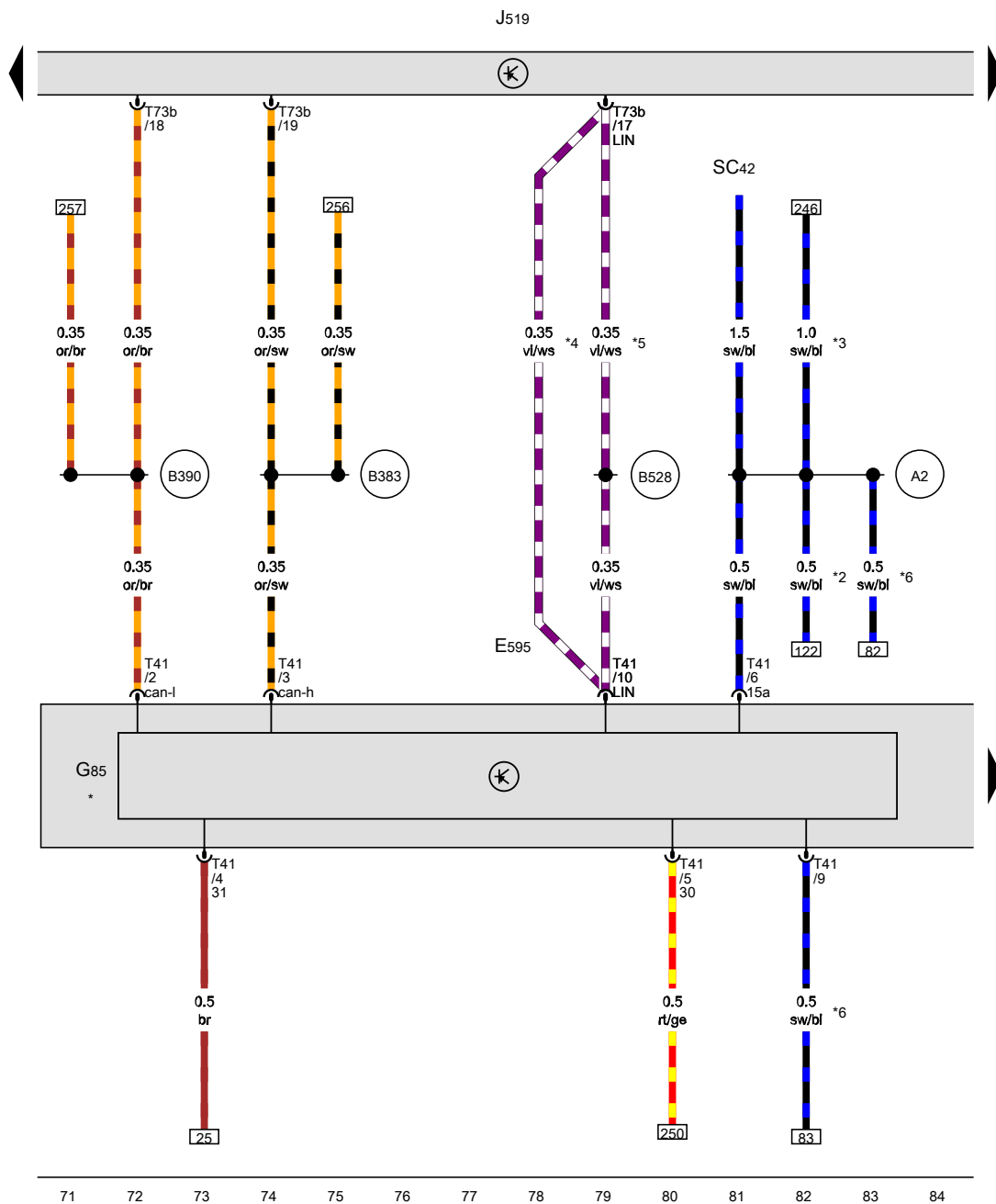
B489 Connection 25, in main wiring harness

B490 Connection 26, in main wiring harness

* Only models with cruise control system (CCS)

*2 Only models with no start/stop system

*3 Only models with automatic gearbox



Steering column combination switch, Steering angle sender

- E595 Steering column combination switch
- G85 Steering angle sender
- J519 Onboard supply control unit
- SC42 Fuse 42 on fuse holder C
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless

- A2 Positive connection (15), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

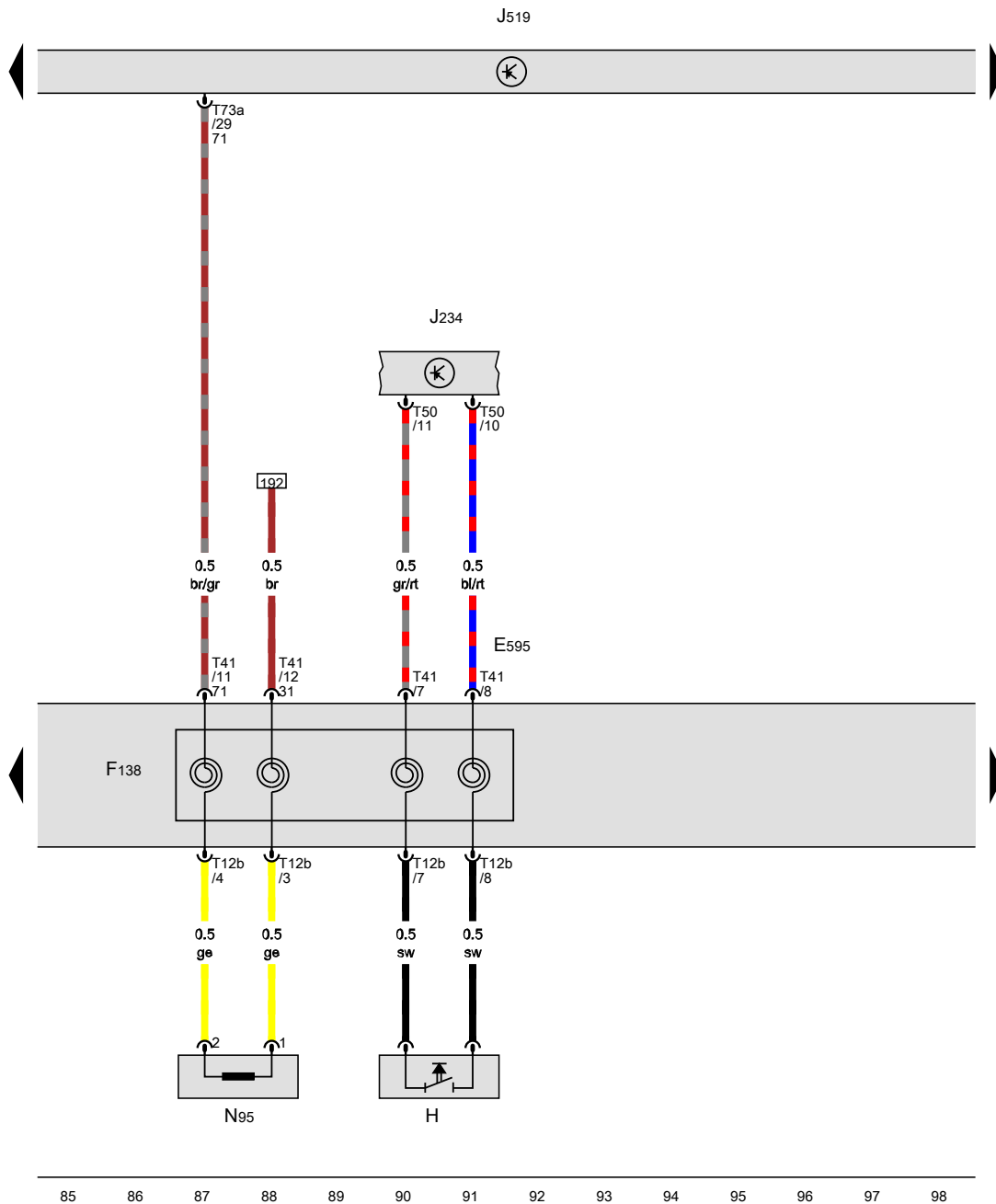
- * Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
- *2 Only models with cruise control system (CCS)
- *3 Only models with Euro 5 emission standard
- *4 Only models with manual window regulators
- *5 Only models with electric window regulators
- *6 From November 2011

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

1740-0870711121

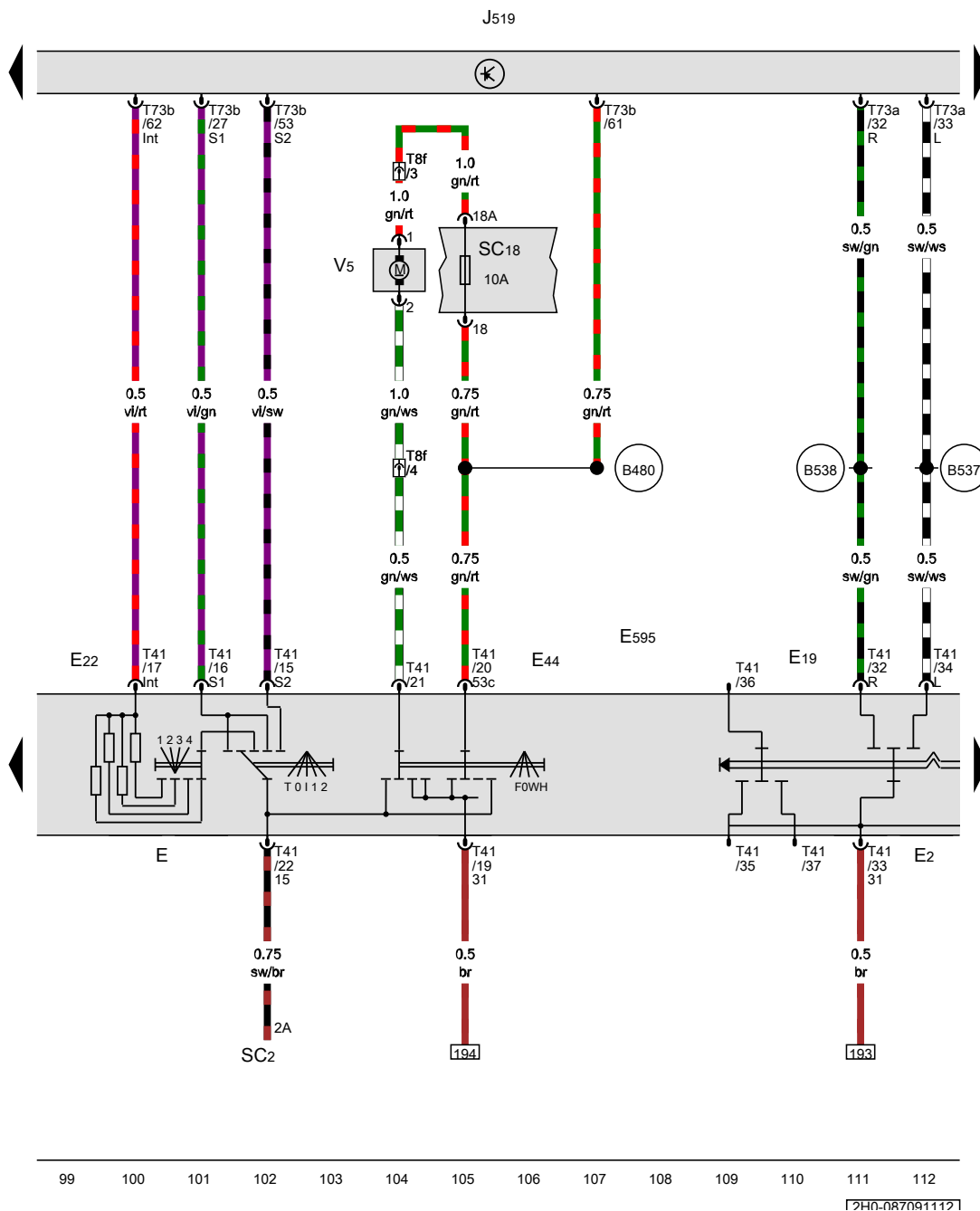
Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring, on steering wheel
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Driver side airbag igniter
- T12b 12-pin connector, yellow
- T41 41-pin connector, grey
- T50 50-pin connector, yellow
- T73a 73-pin connector, black



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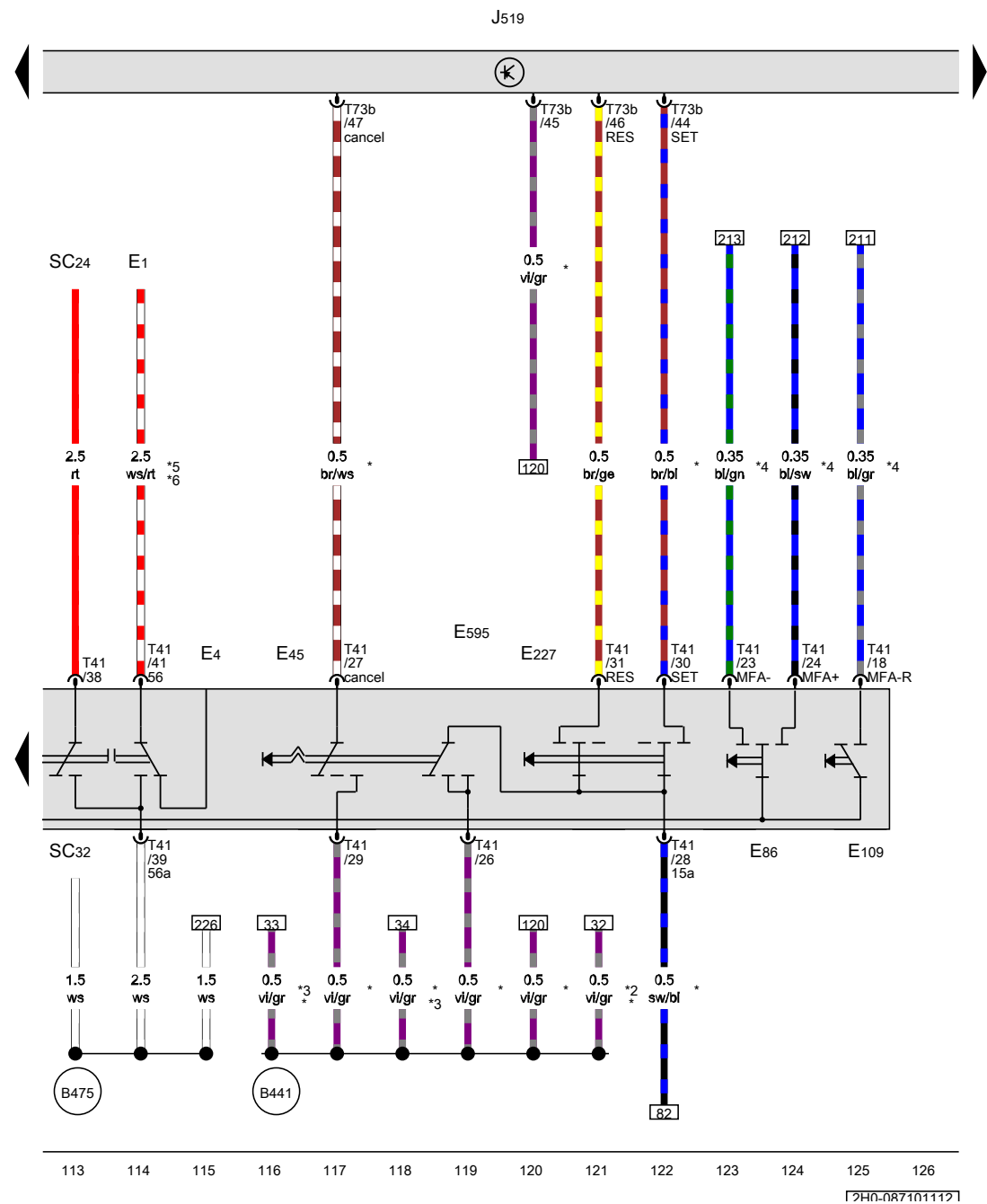
[240-087081112]



Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

- E Windscreen wiper switch
- E2 Turn signal switch
- E19 Parking light switch
- E22 Intermittent wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC2 Fuse 2 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T8f 8-pin connector, in rear left of engine compartment, black
- T41 41-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V5 Washer pump

- B480 Connection 16, in main wiring harness
- B537 Connection 28, in main wiring harness
- B538 Connection 29, in main wiring harness



Light switch, Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

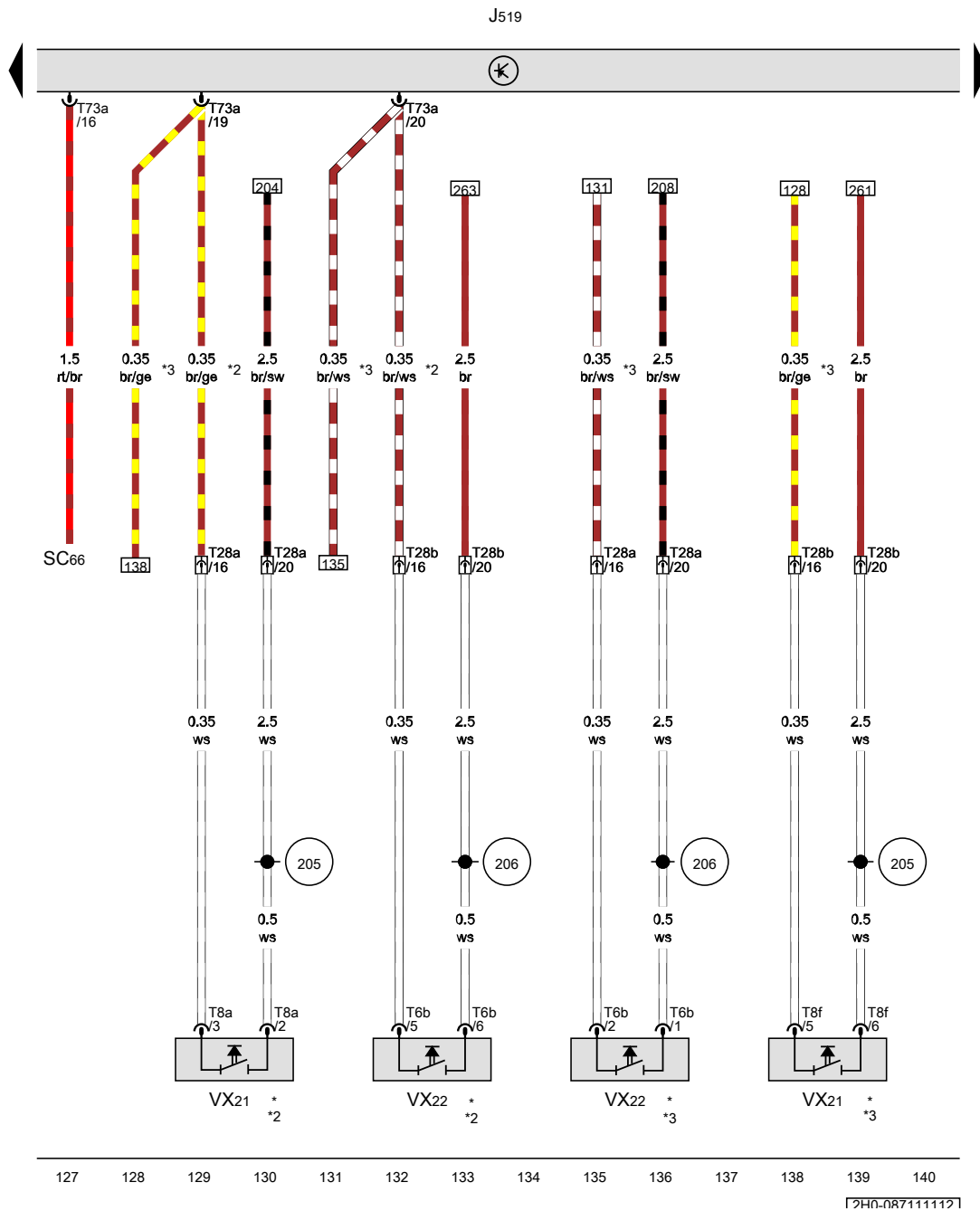
- E1 Light switch
- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E86 Multifunction display call-up button
- E109 Multifunction display memory switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC24 Fuse 24 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless

B441 Connection (CCS), in main wiring harness

B475 Connection 11, in main wiring harness

- * Only models with cruise control system (CCS)
- *2 Only models with petrol engine
- *3 Only models with diesel engine
- *4 Only models with multifunction display
- *5 see applicable current flow diagram for exterior lighting
- *6 Only models with no automatic headlight control with coming home

ws = white
 sw = black
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 gr = grey
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Driver door lock unit, Front passenger door lock unit

- J519 Onboard supply control unit
- SC66 Fuse 66 on fuse holder C
- T6b 6-pin connector, black
- T8a 8-pin connector, black
- T8f 8-pin connector, black
- T28a 28-pin connector, on left A-pillar, grey
- T28b 28-pin connector, on right A-pillar, grey
- T73a 73-pin connector, black
- VX21 Driver door lock unit
- VX22 Front passenger door lock unit

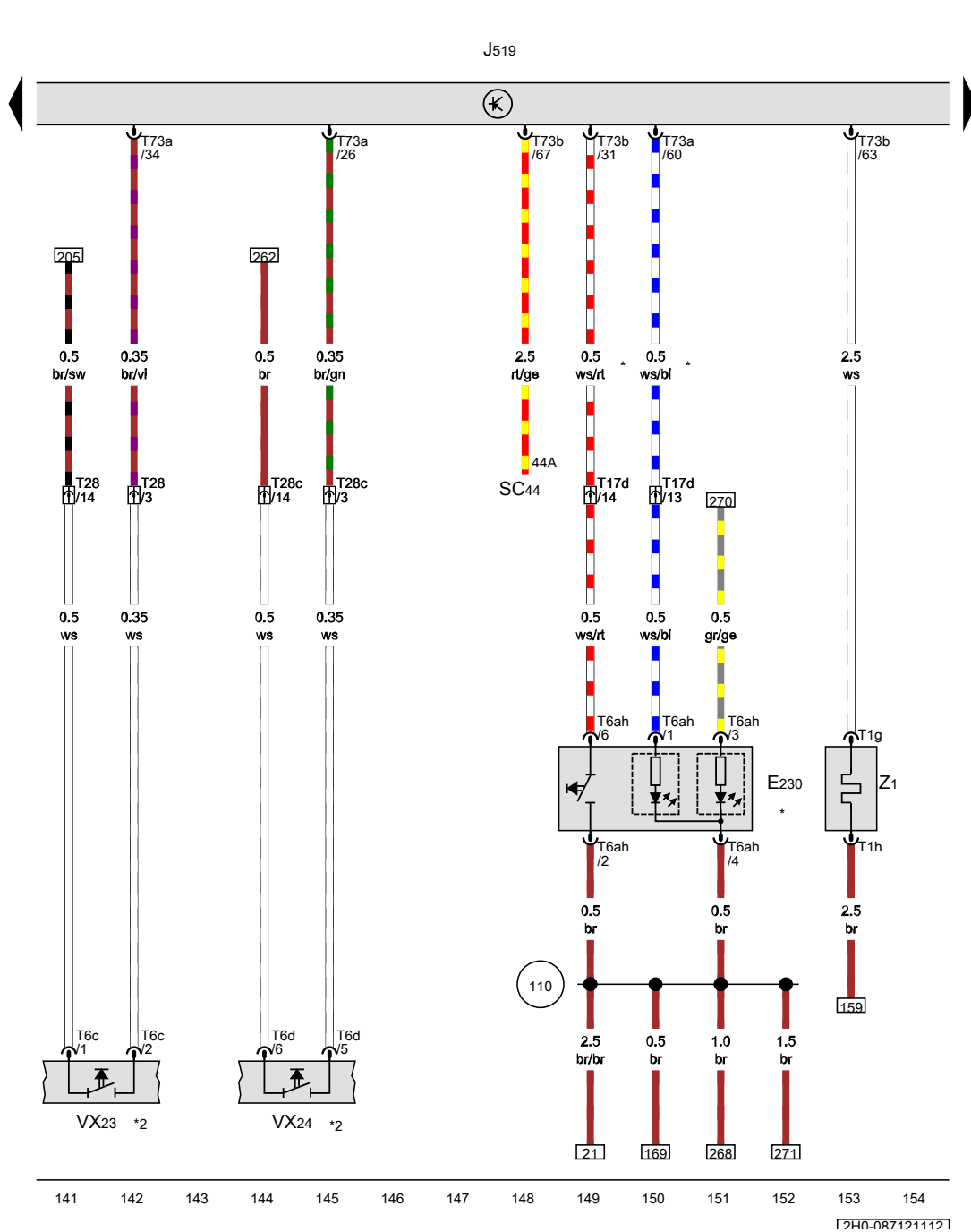
205 Earth connection, in driver door wiring harness

206 Earth connection, in front passenger door wiring harness

* Only models with no central locking

*2 Only left-hand drive models

*3 Only right-hand drive models



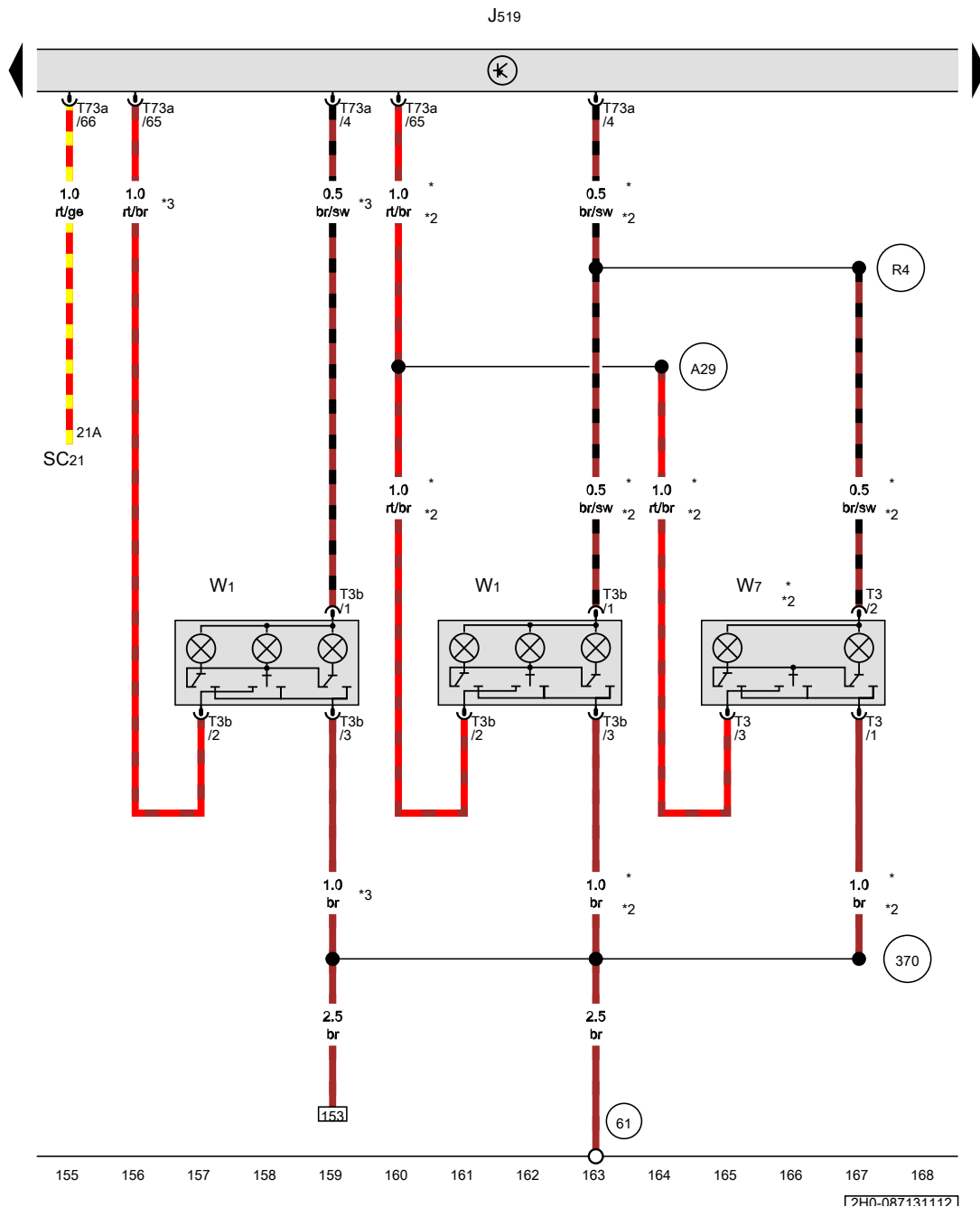
Heated rear window button, Rear left door lock unit, Rear right door lock unit, Heated rear window

- E230 Heated rear window button, near radio
- J519 Onboard supply control unit
- SC44 Fuse 44 on fuse holder C
- T1g Single connector, black
- T1h Single connector, black
- T6ah 6-pin connector, brown
- T6c 6-pin connector, black
- T6d 6-pin connector, grey
- T17d 17-pin connector, on left under dash panel, green
- T28 28-pin connector, on left B-pillar, grey
- T28c 28-pin connector, on right B-pillar, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- VX23 Rear left door lock unit
- VX24 Rear right door lock unit
- Z1 Heated rear window

110 Earth connection 2, in dash panel wiring harness

- * Only models with no air conditioning system/Climatronic
- *2 Only models with no central locking

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Front interior light, Centre interior light

J519 Onboard supply control unit

SC21 Fuse 21 on fuse holder C

T3 3-pin connector, black

T3b 3-pin connector, black

T73a 73-pin connector, black

W1 Front interior light

W7 Centre interior light

61 Earth point, left C-pillar

370 Earth connection 5, in main wiring harness

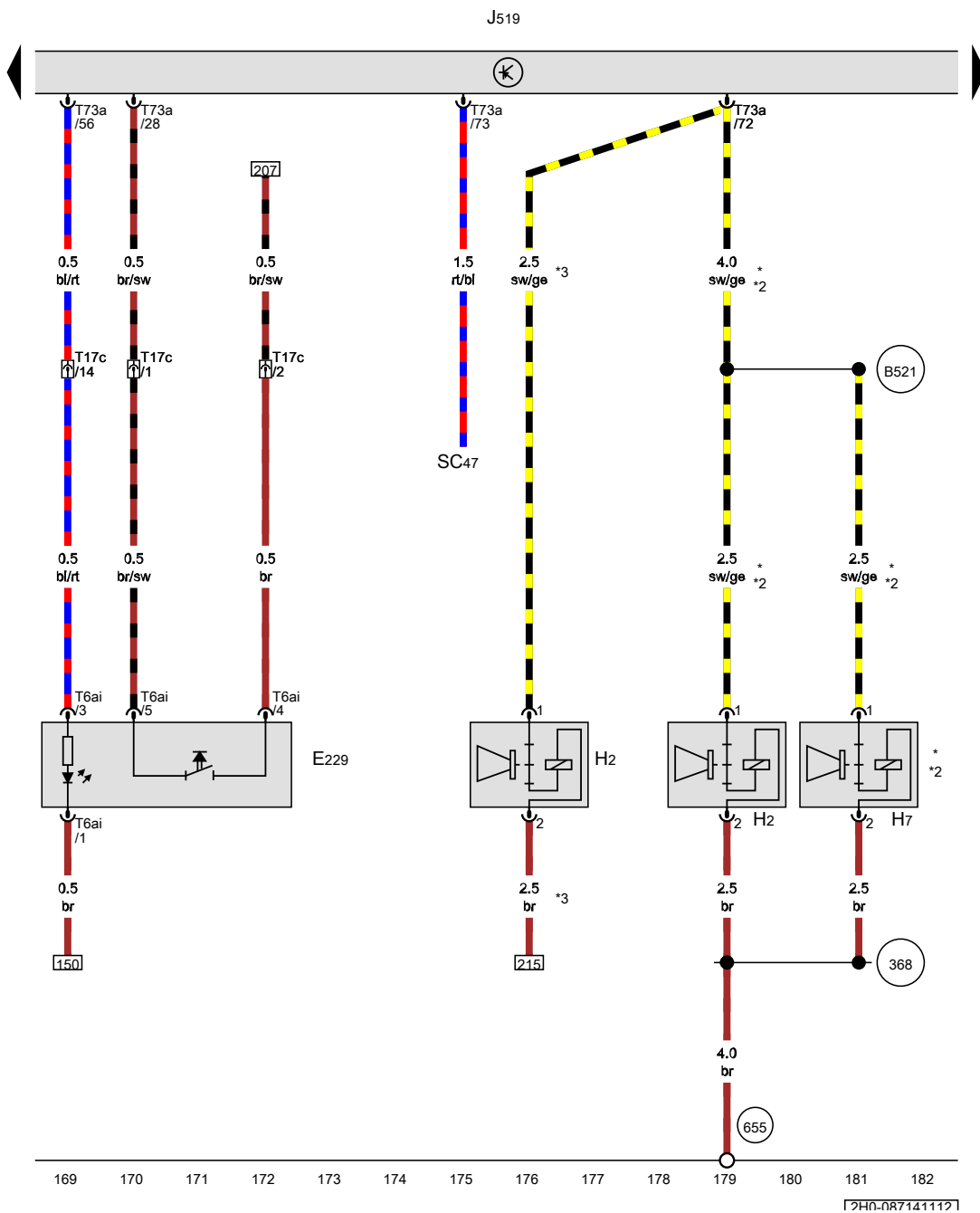
A29 Connection (interior light), in dash panel wiring harness

R4 Connection 1, in interior light/door contact switch wiring harness

* Only models with double cab

*2 Only models with Highline equipment

*3 Only models with basic equipment



Hazard warning lights button, Treble horn, Bass horn

E229 Hazard warning lights button, near radio

H2 Treble horn

H7 Bass horn

J519 Onboard supply control unit

SC47 Fuse 47 on fuse holder C

T6ai 6-pin connector, black, red

T17c 17-pin connector, on left under dash panel, white

T73a 73-pin connector, black

368 Earth connection 3, in main wiring harness

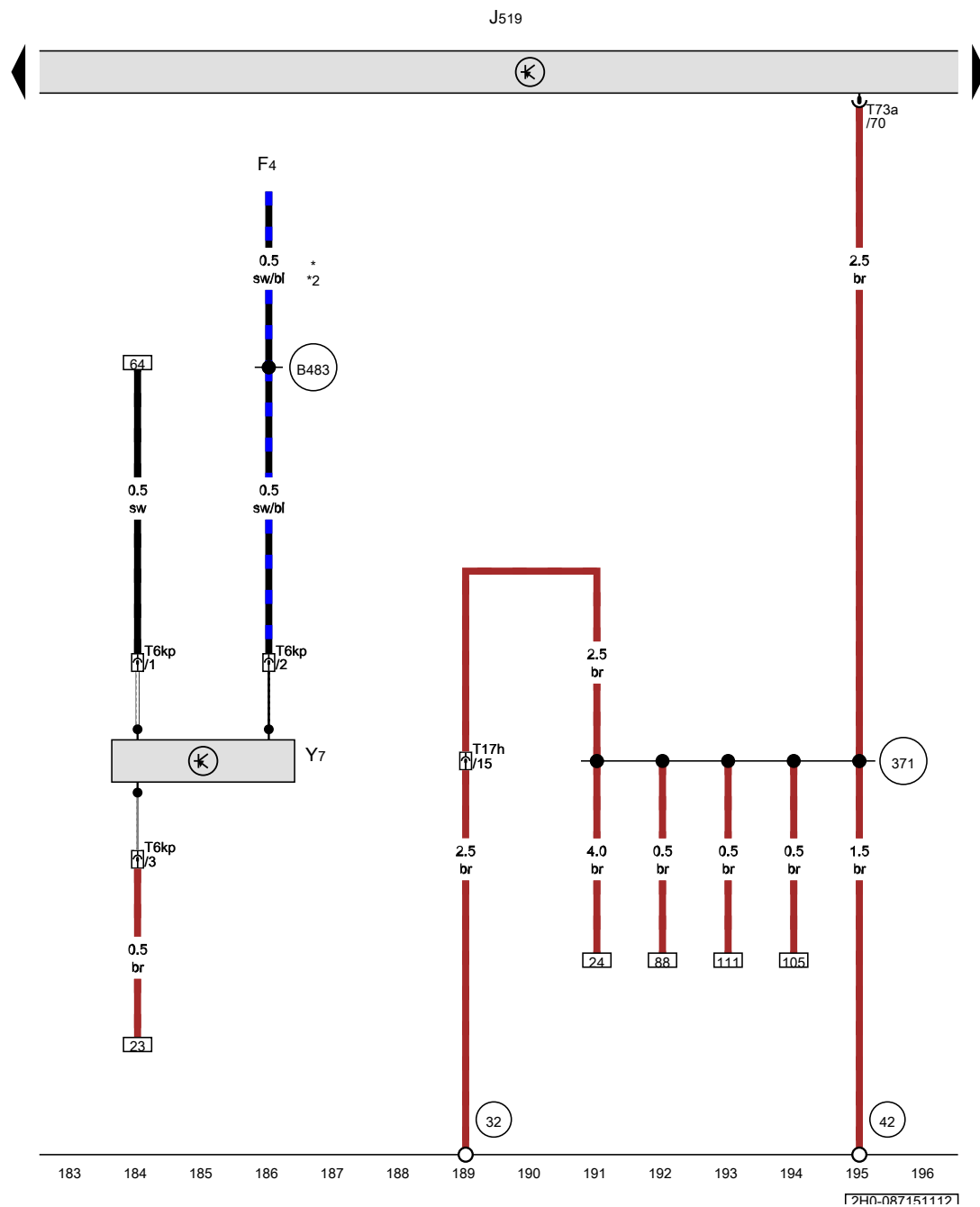
655 Earth point, on left headlight

B521 Connection (dual tone horn), in main wiring harness

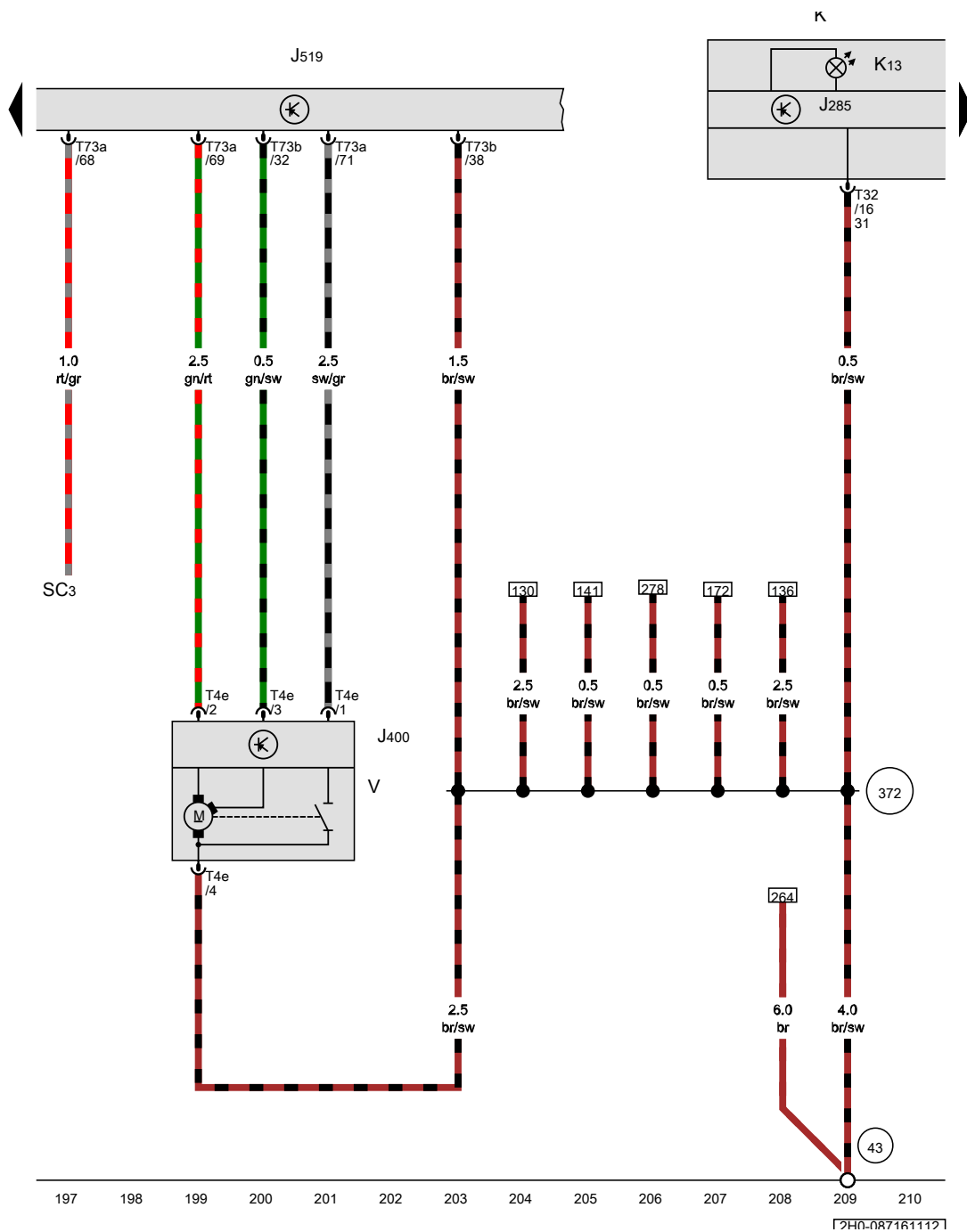
* Only models with Highline equipment

*2 Only models with Trendline equipment

*3 Only models with basic equipment



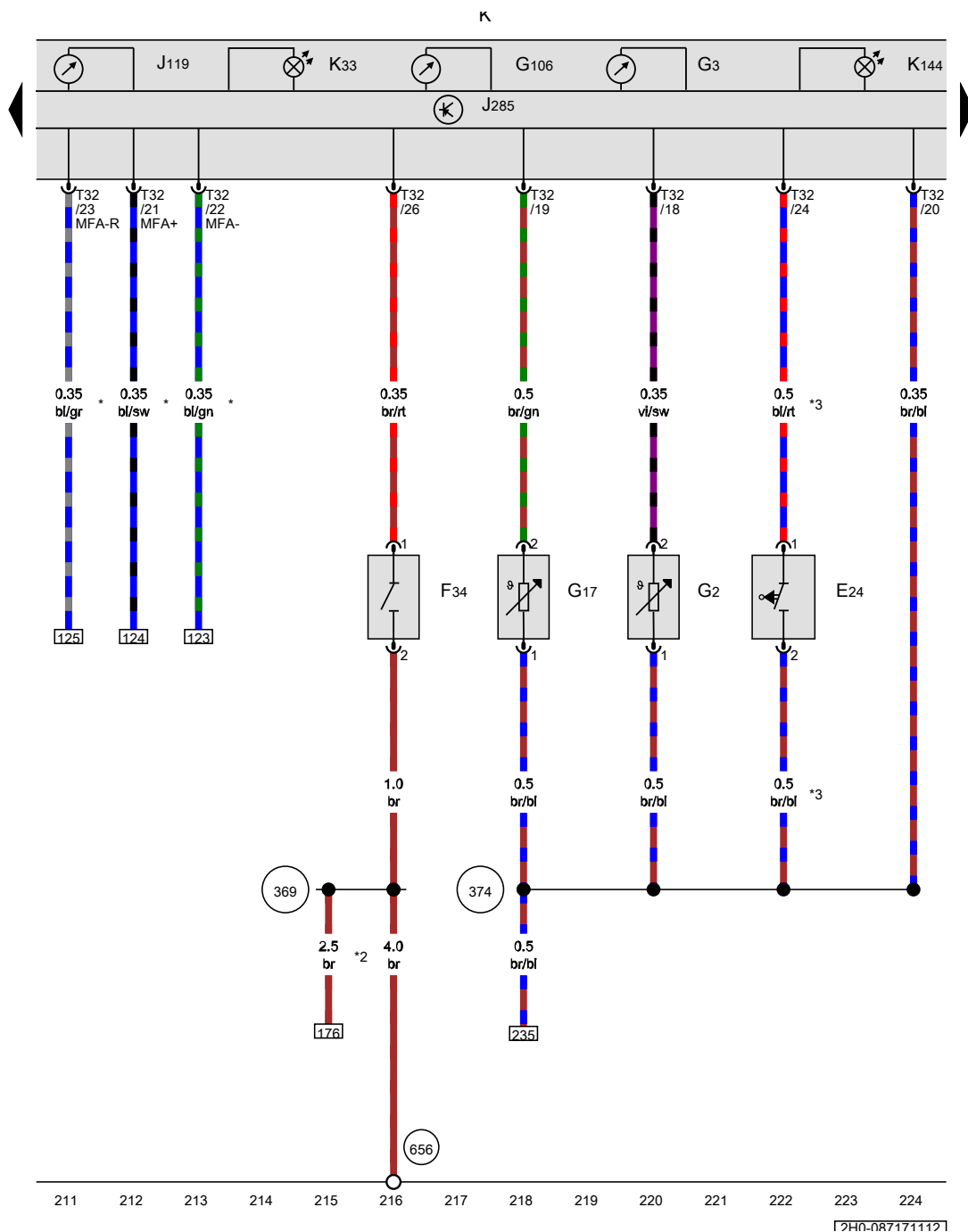
- F4 Reversing light switch
- J519 Onboard supply control unit
- T6kp 6-pin connector, on interior mirror, black
- T17h 17-pin connector, on left under dash panel, blue
- T73a 73-pin connector, black
- Y7 Automatic anti-dazzle interior mirror, on interior mirror
- 32 Earth point, on left behind dash panel
- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- B483 Connection 19, in main wiring harness
- * see applicable current flow diagram for exterior lighting
- *2 Only models with automatic driving lights control



Dash panel insert, Windscreen wiper motor

- J285 Control unit in dash panel insert
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- K Dash panel insert
- K13 Rear fog light warning lamp
- SC3 Fuse 3 on fuse holder C
- T4e 4-pin connector, black
- T32 32-pin connector, blue
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor

- 43 Earth point, lower part of right A-pillar
- 372 Earth connection 7, in main wiring harness



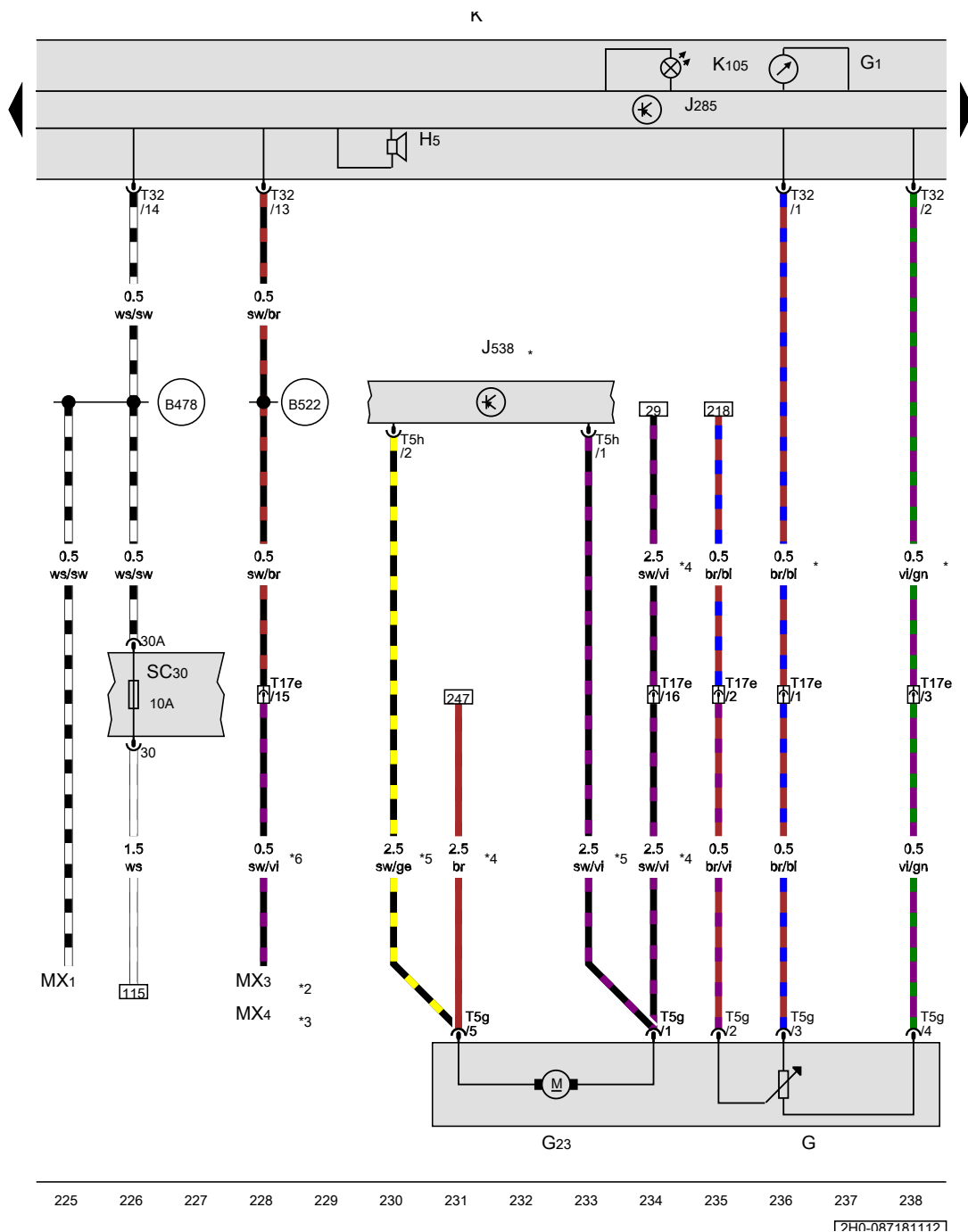
Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

- E24 Driver side belt switch
- F34 Brake fluid level warning contact
- G2 Coolant temperature display sender
- G3 Coolant temperature gauge
- G17 Ambient temperature sensor
- G106 Ambient temperature indicator
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K33 Brake fluid level warning lamp
- K144 Driver side airbag deactivated warning lamp
- T32 32-pin connector, blue

- 369 Earth connection 4, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead

- * Only models with multifunction display
- *2 Only models with basic equipment
- *3 Only models with no airbag

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Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

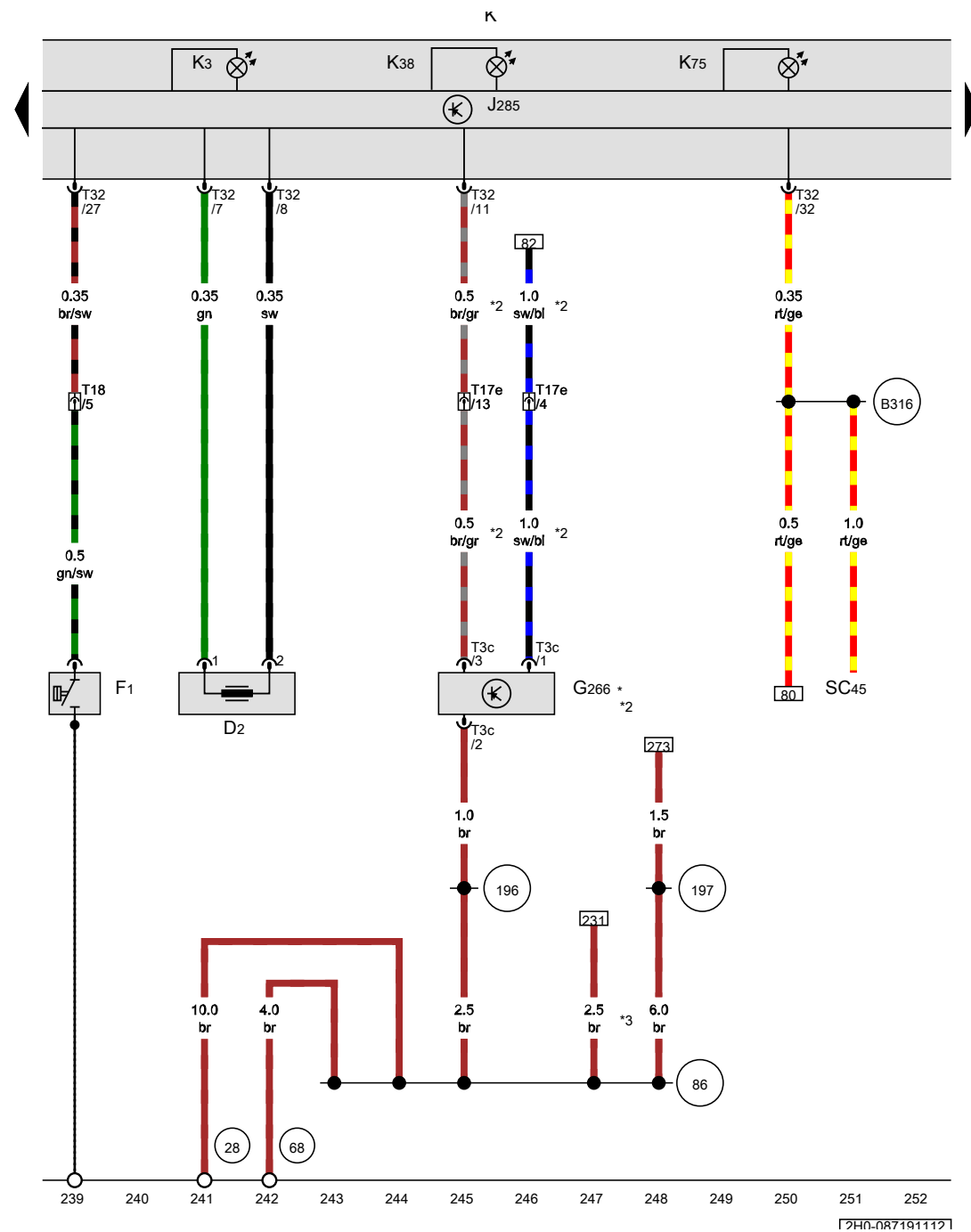
- G Fuel gauge sender
- G1 Fuel gauge
- G23 Fuel pump
- H5 Ignition and starter key warning system buzzer and gong
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K105 Reserve fuel warning lamp
- MX1 Front left headlight
- MX3 Left tail light
- MX4 Right tail light
- SC30 Fuse 30 on fuse holder C
- T5g 5-pin connector, black
- T5h 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

B478 Connection 14, in main wiring harness

B522 Connection (FL), in main wiring harness

- * see applicable current flow diagram for engine
- *2 Left-hand drive models
- *3 Only right-hand drive models
- *4 Only models with diesel engine
- *5 Only models with petrol engine
- *6 Only models with no towing bracket

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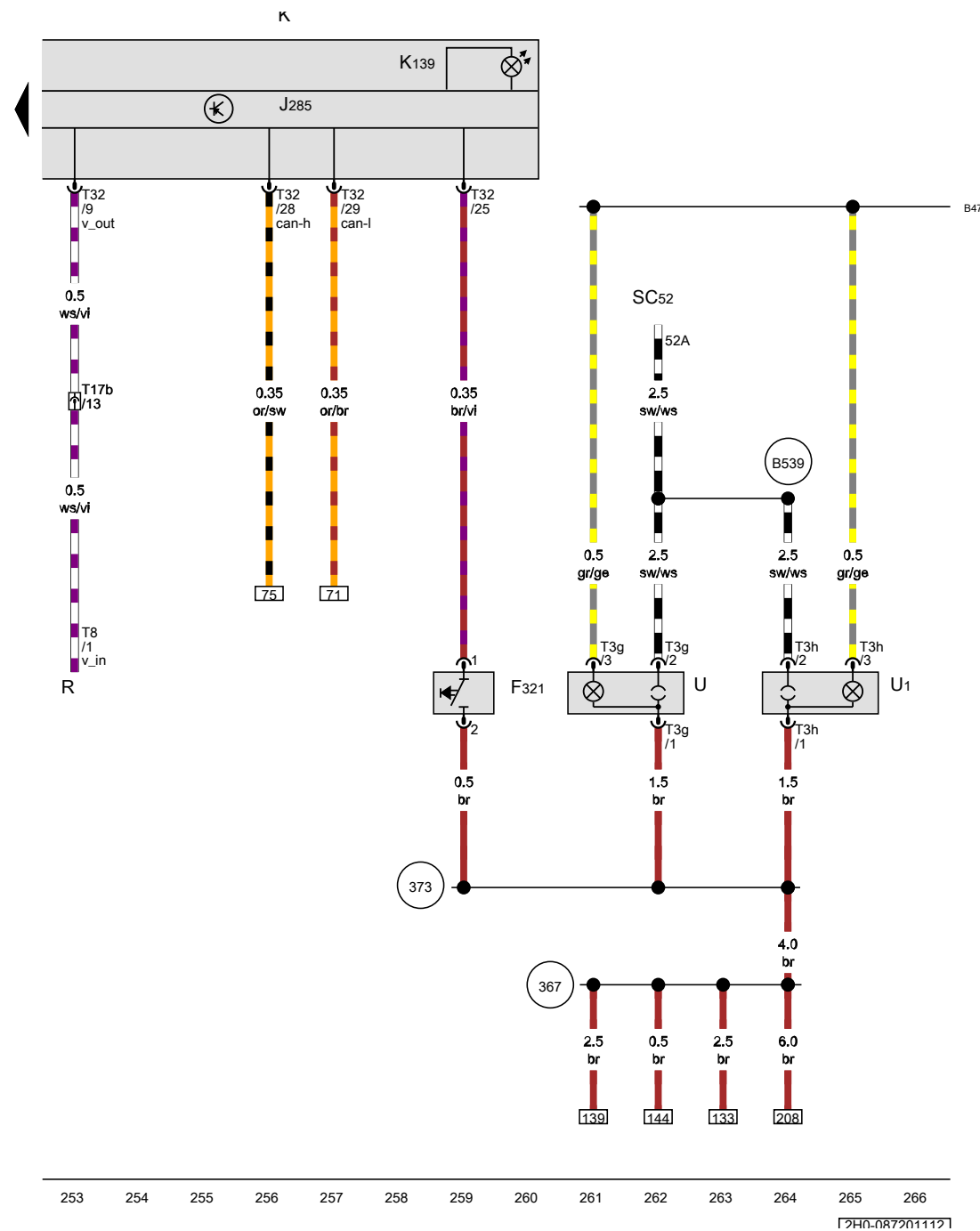
Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

- D2 Immobiliser reader coil, on ignition/starter switch
- F1 Oil pressure switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- K75 Airbag warning lamp
- SC45 Fuse 45 on fuse holder C
- T3c 3-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- B316 Positive connection 2 (30a) in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with Euro 5 emission standard
- *3 Only models with diesel engine

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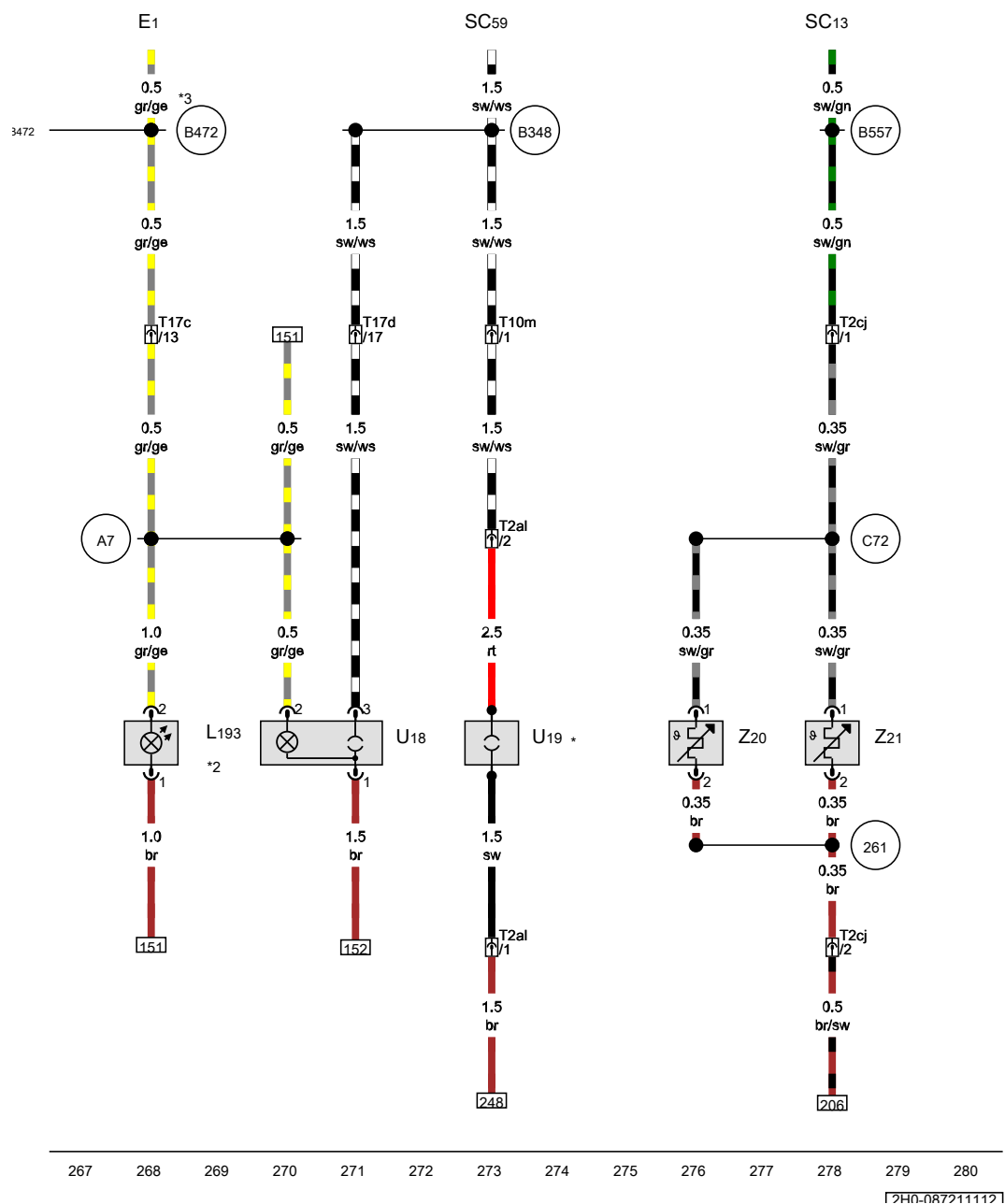
Parking brake contact switch, Dash panel insert, Radio, Electric socket, Cigarette lighter

- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K139 Handbrake warning lamp
- R Radio
- SC52 Fuse 52 on fuse holder C
- T3g 3-pin connector, grey
- T3h 3-pin connector, transparent
- T8 8-pin connector, brown
- T17b 17-pin connector, on left under dash panel, brown
- T32 32-pin connector, blue
- U Electric socket, on centre console switch module
- U1 Cigarette lighter, on centre console switch module

- 367 Earth connection 2, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- B472 Connection 8, in main wiring harness
- B539 Connection 30, in main wiring harness

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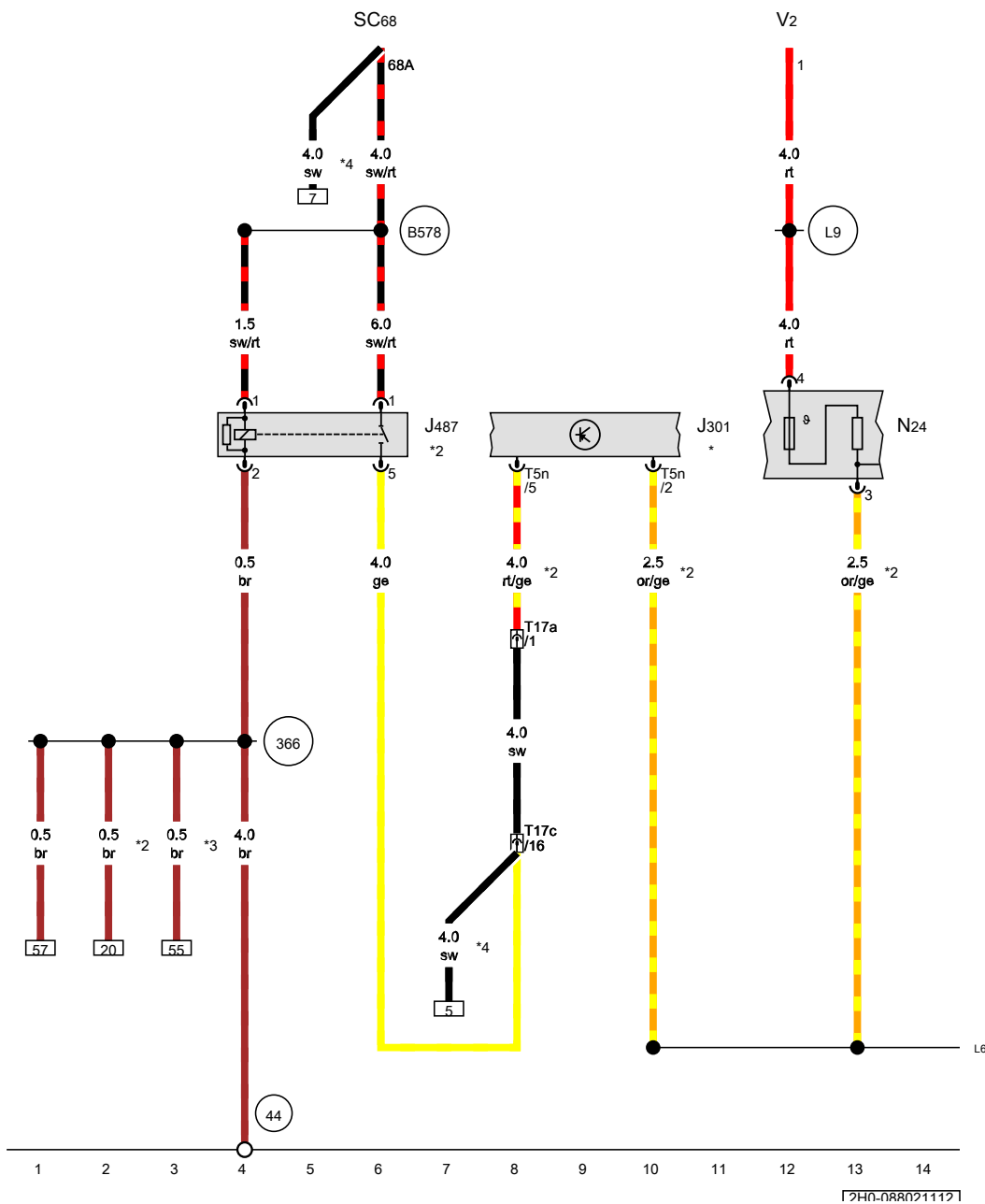
Light switch, Light 1 for front centre console background lighting, 12 V socket 2, Left washer jet heater element



- E1 Light switch
- L193 Light 1 for front centre console background lighting, in centre console, under radio
- SC13 Fuse 13 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing, black
- T2cj 2-pin connector, near window wiper motor, black
- T10m 10-pin connector, near handbrake lever, brown
- T17c 17-pin connector, on left under dash panel, white
- T17d 17-pin connector, on left under dash panel, green
- U18 12 V socket 2, in centre of dash panel, in storage compartment
- U19 12 V socket 3, on left wheel housing
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 261 Earth connection, in heated washer jet wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B348 Connection 1 (75a), in main wiring harness
- B472 Connection 8, in main wiring harness
- B557 Positive connection 21 (30a) in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * Special equipment
- *2 Only models with Highline equipment
- *3 see applicable current flow diagram

Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently

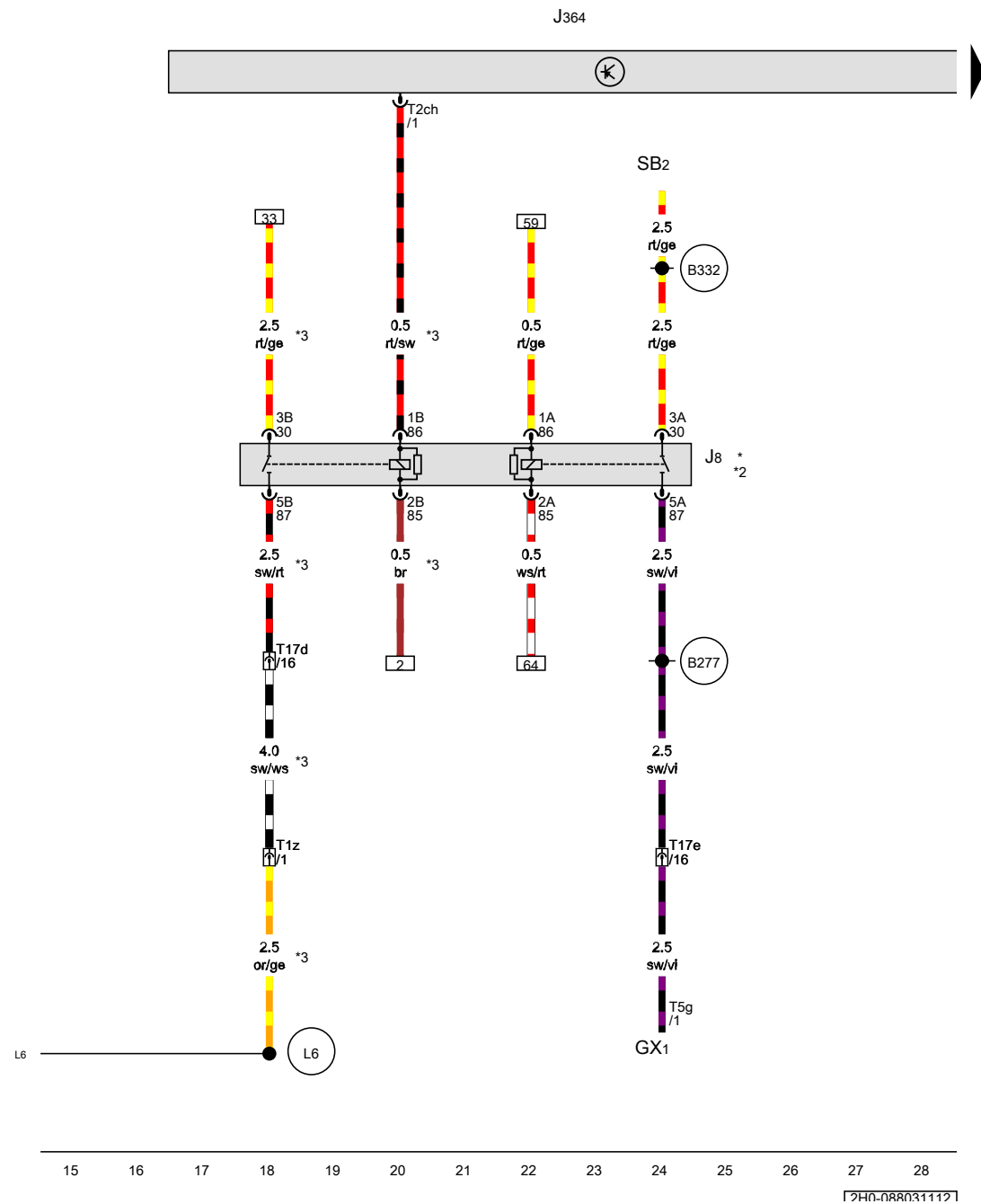
From January 2013



- J301 Air conditioning system control unit
- J487 Fresh air blower isolation relay
- N24 Fresh air blower series resistor with overheating fuse
- SC68 Fuse 68 on fuse holder C
- T5n 5-pin connector
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, white
- V2 Fresh air blower

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- B578 Positive connection 2 (75), in interior wiring harness
- L6 Connection 2, in evaporator housing unit wiring harness
- L9 Connection 1, in air conditioning system wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Only models with Climatic
- *3 Only models with remote controlled auxiliary coolant heater
- *4 see applicable current flow diagram for manually controlled heater

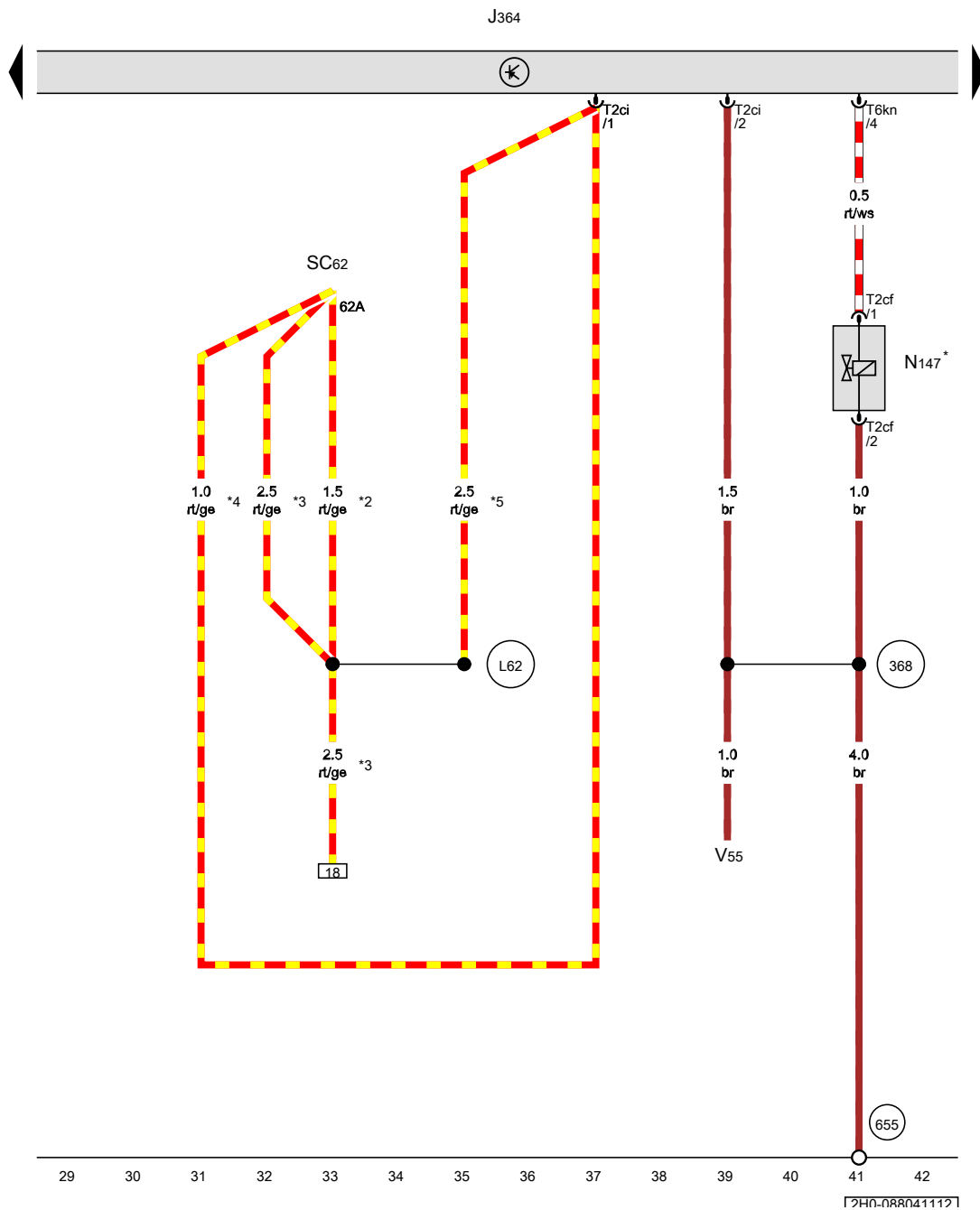


Auxiliary heater relay, Auxiliary heater control unit

- GX1 Fuel delivery unit
- J8 Auxiliary heater relay
- J364 Auxiliary heater control unit
- SB2 Fuse 2 on fuse holder B
- T1z Single connector, black
- T2ch 2-pin connector, black
- T5g 5-pin connector, black
- T17d 17-pin connector, on left under dash panel, red
- T17e 17-pin connector, near handbrake lever, red

- B277 Positive connection 1 (15a) in main wiring harness
- B332 Positive connection 18 (30a) in main wiring harness
- L6 Connection 2, in evaporator housing unit wiring harness

- * Only models with diesel engine
- *2 Only models with auxiliary coolant heater
- *3 Only models with Climatic



Auxiliary heater control unit, 2-way valve for coolant shut-off valve, Circulation pump

J364	Auxiliary heater control unit
N147	2-way valve for coolant shut-off valve, front left in engine compartment
SC62	Fuse 62 on fuse holder C
T2cf	2-pin connector, black
T2ci	2-pin connector
T6kn	6-pin connector, black
V55	Circulation pump
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with Climatronic
*3	Only models with Climatic
*4	Only models with no air conditioning system/Climatronic
*5	Only models with air conditioning system/ Climatronic

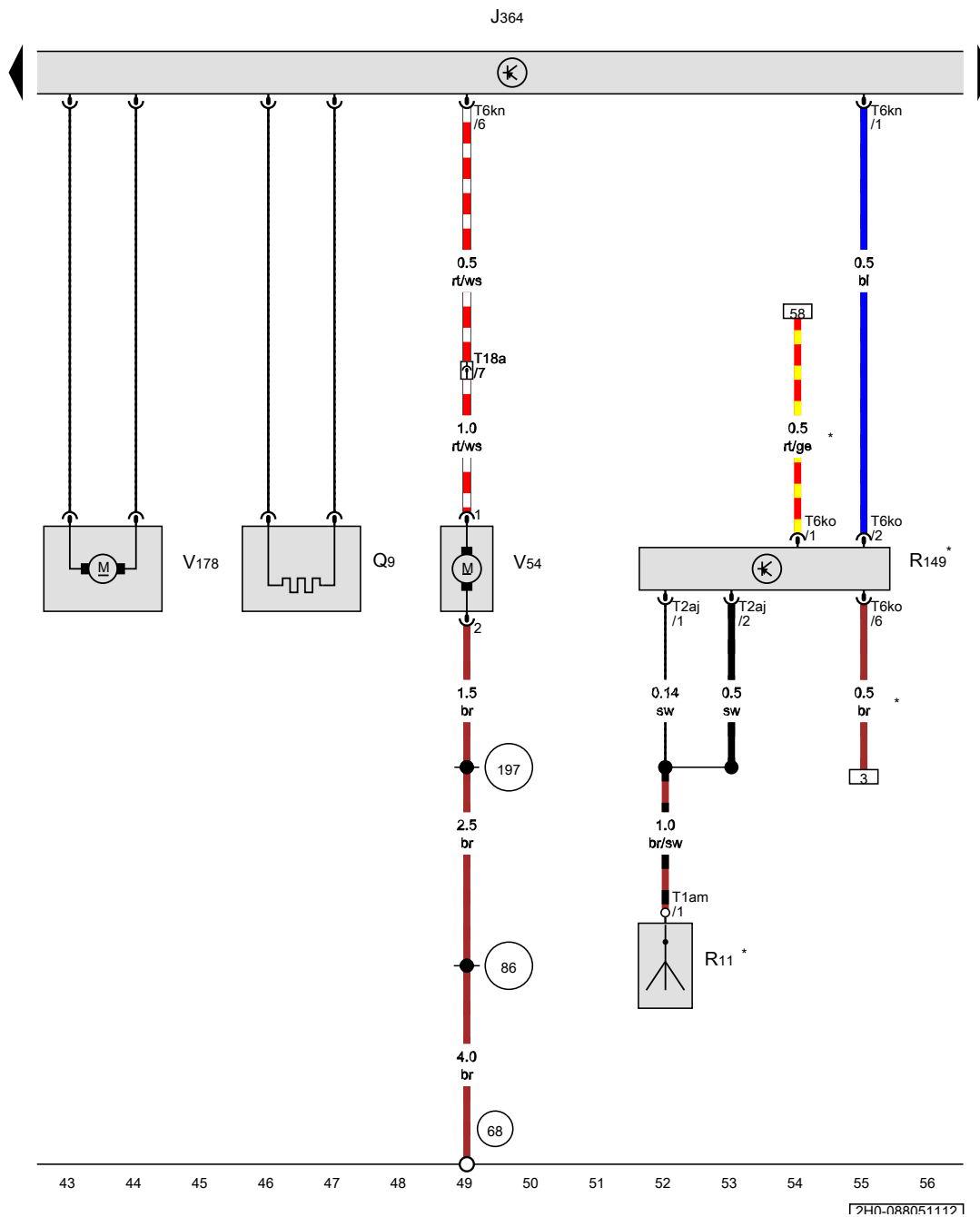
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Auxiliary heater control unit, Glow plug for heater, Remote control receiver for auxiliary coolant heater, Metering pump

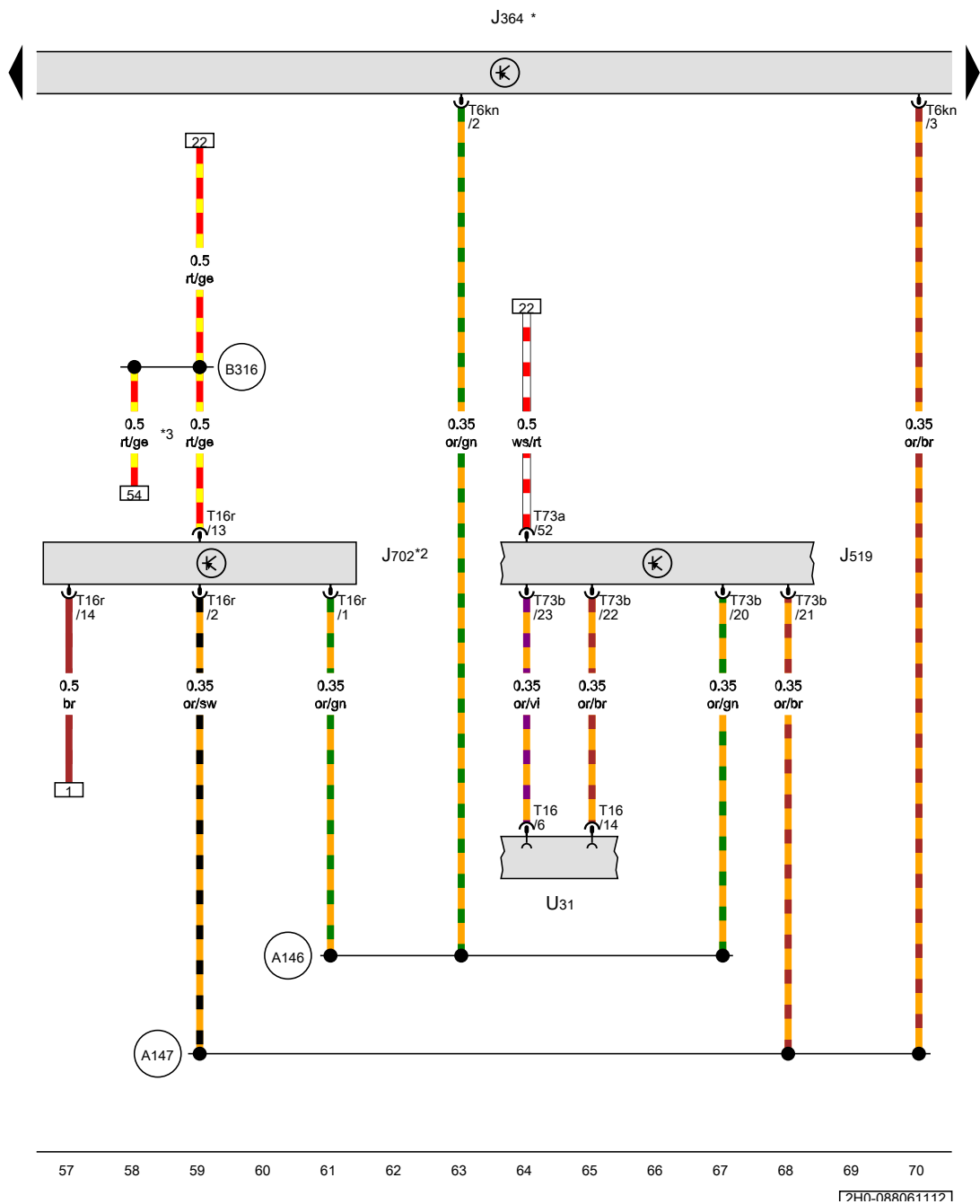
J364	Auxiliary heater control unit
Q9	Glow plug for heater
R11	Aerial
R149	Remote control receiver for auxiliary coolant heater, near lower part of right A-pillar
T1am	Single connector
T2aj	2-pin connector, light brown
T6kn	6-pin connector, black
T6ko	6-pin connector, blue
T18a	18-pin connector, grey
V54	Metering pump
V178	Coolant circulation pump 2

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness

* Only models with remote controlled auxiliary coolant heater



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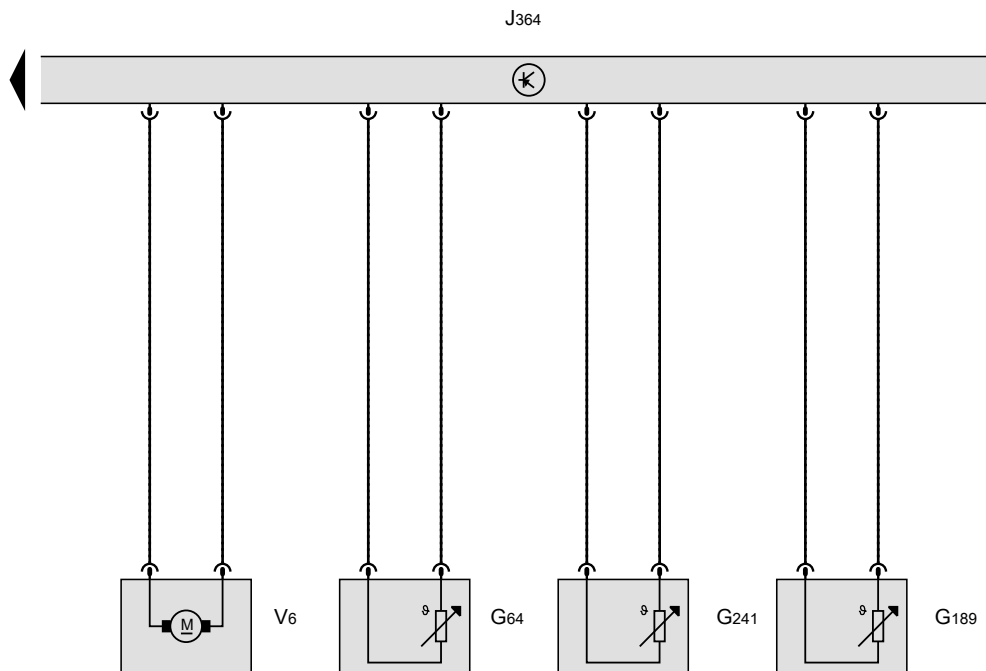


Auxiliary heater control unit, Onboard supply control unit, Roof display unit

- J364 Auxiliary heater control unit
- J519 Onboard supply control unit
- J702 Roof display unit, near interior mirror
- T6kn 6-pin connector, black
- T16 16-pin connector, black
- T16r 16-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- U31 Diagnostic connection

- A146 Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 Connection (convenience CAN bus, low), in dash panel wiring harness
- B316 Positive connection 2 (30a) in main wiring harness

- * Only models with diesel engine
- *2 Only models with auxiliary coolant heater
- *3 Only models with remote controlled auxiliary coolant heater



Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit, Combustion air blower

- G64 Flame monitor
- G189 Overheating sensor
- G241 Coolant temperature sender for heater
- J364 Auxiliary heater control unit
- V6 Combustion air blower

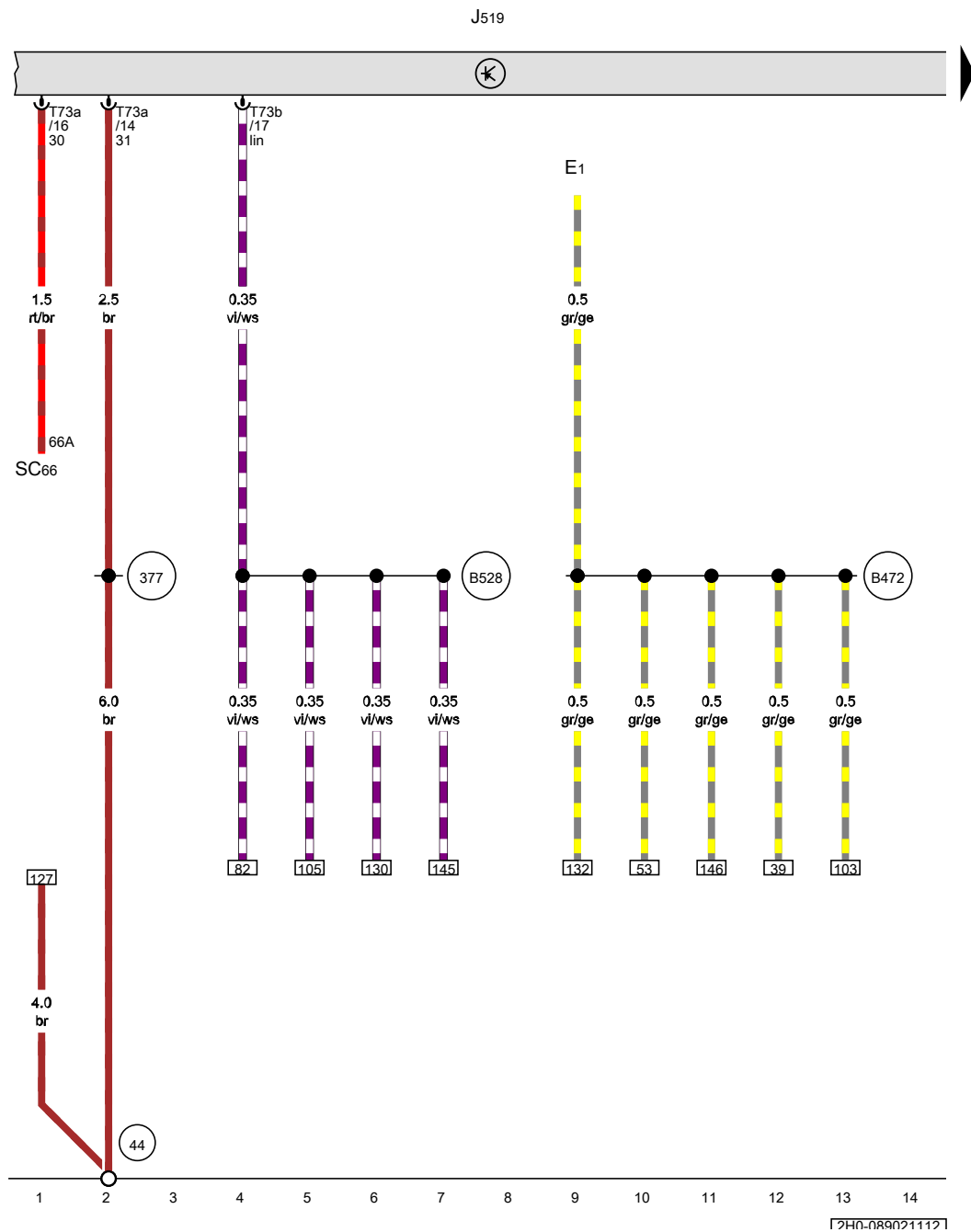
ws = white
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Central locking, window regulators and mirror adjustment

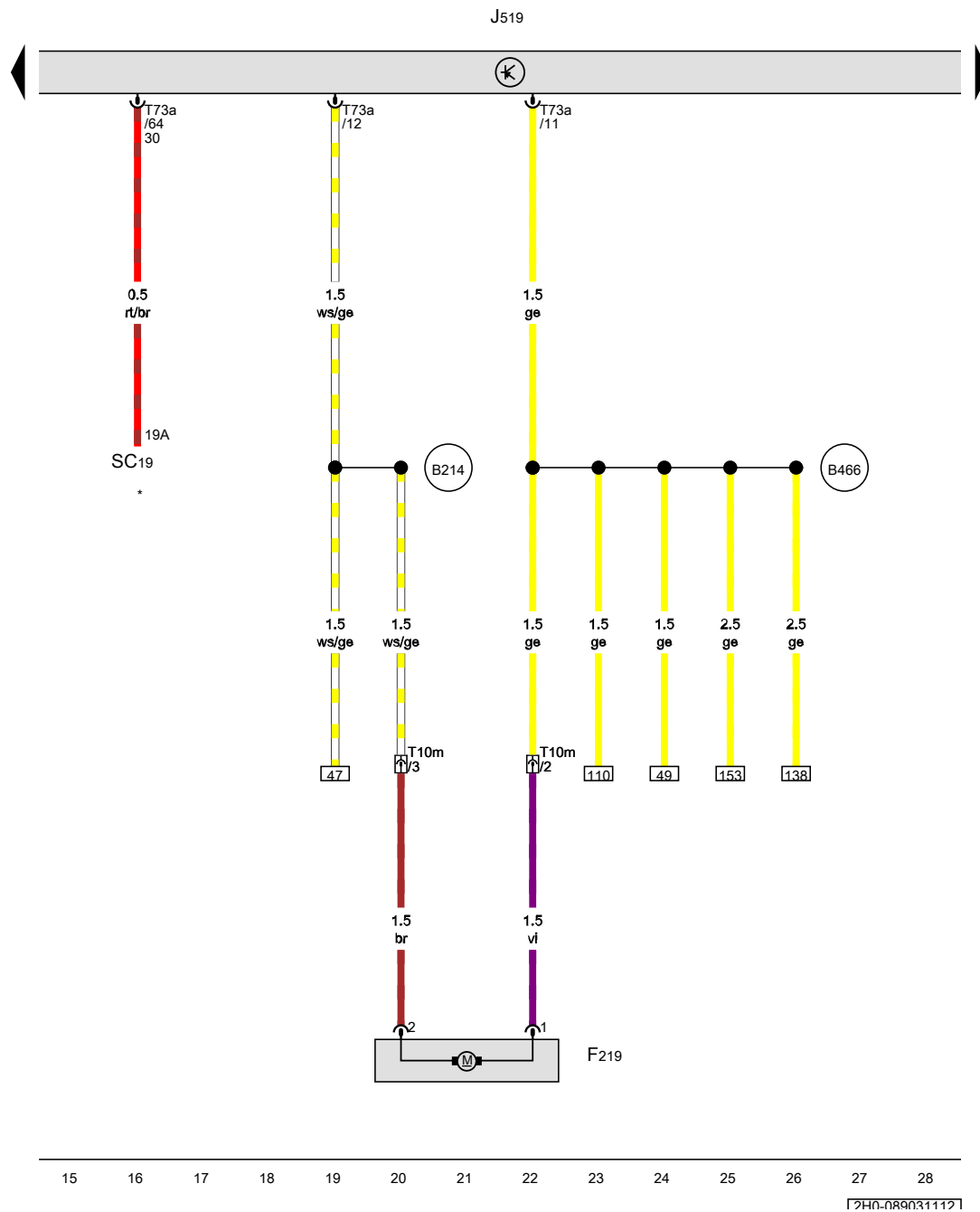
From January 2013



Light switch, Onboard supply control unit

- E1 Light switch
- J519 Onboard supply control unit, near driver side A-pillar
- SC66 Fuse 66 on fuse holder C
- T73a 73-pin connector, black
- T73b 73-pin connector

- 44 Earth point, lower part of left A-pillar
- 377 Earth connection 12, in main wiring harness
- B472 Connection 8, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness



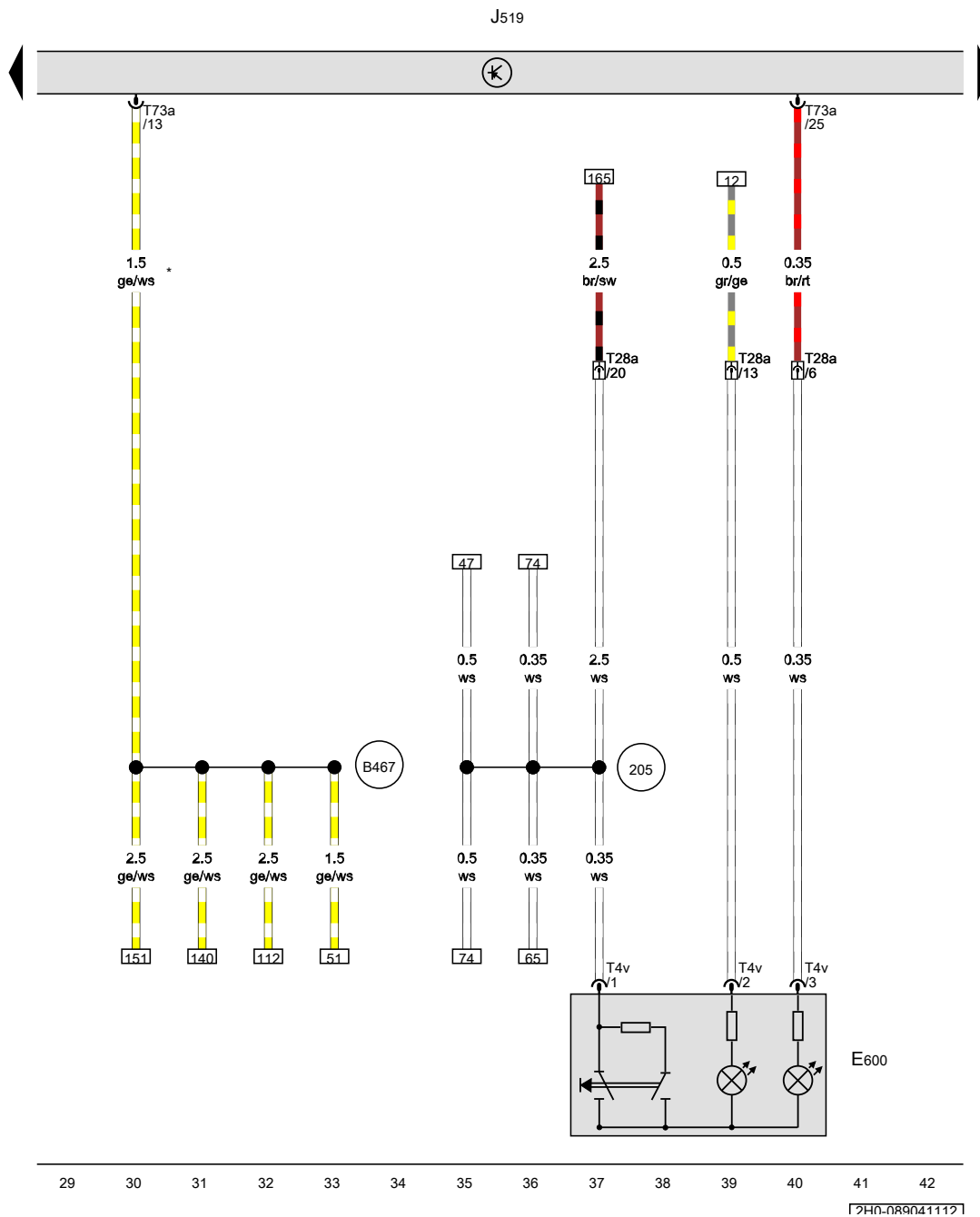
Fuel tank filler flap central locking actuator, Onboard supply control unit, Fuse 19 on fuse holder C

- F219 Fuel tank filler flap central locking actuator
- J519 Onboard supply control unit, near driver side A-pillar
- SC19 Fuse 19 on fuse holder C
- T10m 10-pin connector, near handbrake lever, brown
- T73a 73-pin connector, black

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

B466 Connection 2, in main wiring harness

* Only models with heated exterior mirrors



Central locking button, Onboard supply control unit

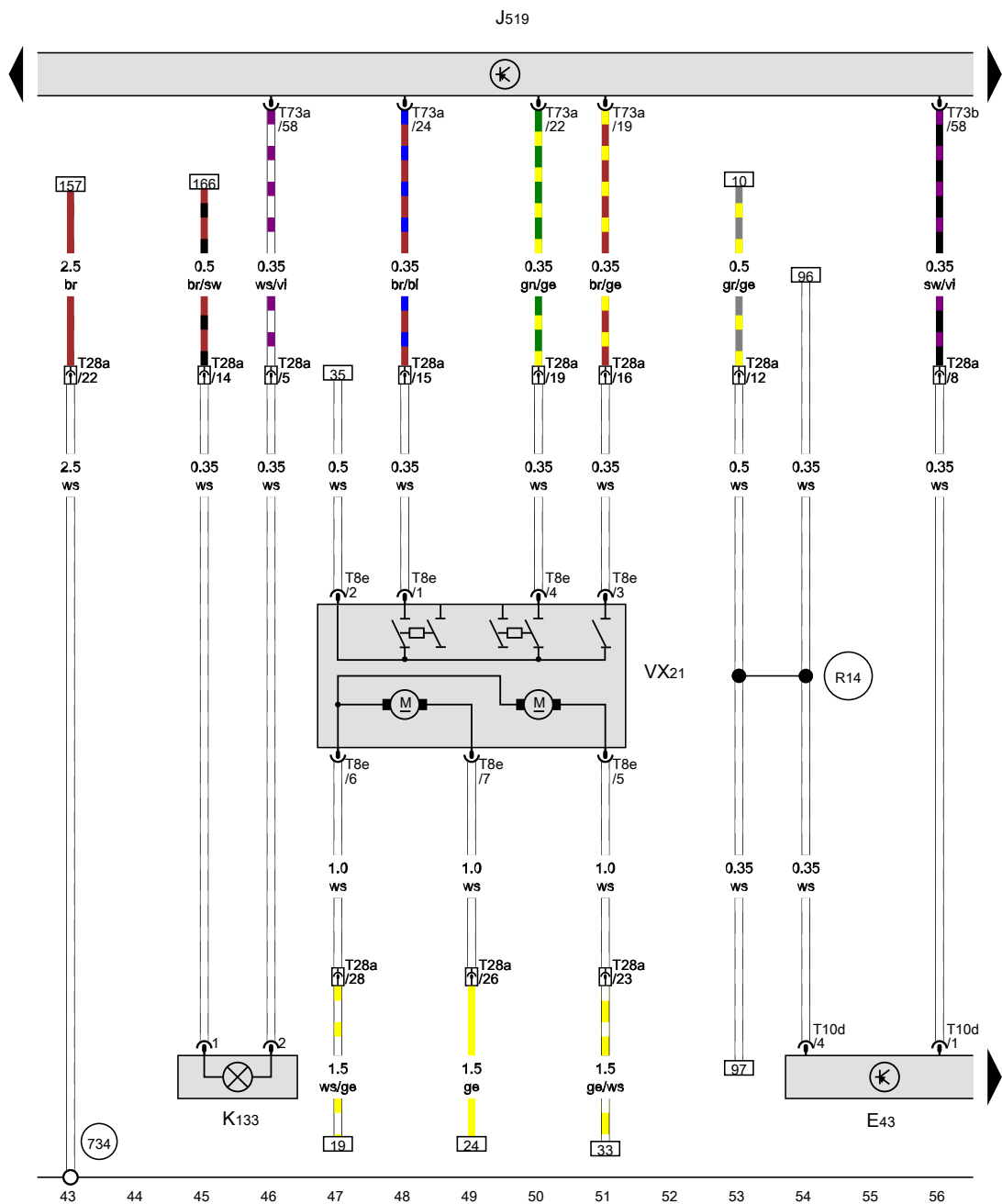
- E600 Central locking button, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- T4v 4-pin connector, black
- T28a 28-pin connector, on left A-pillar, black
- T73a 73-pin connector, black

- 205 Earth connection, in driver door wiring harness

- B467 Connection 3, in main wiring harness

* Only models with double cab

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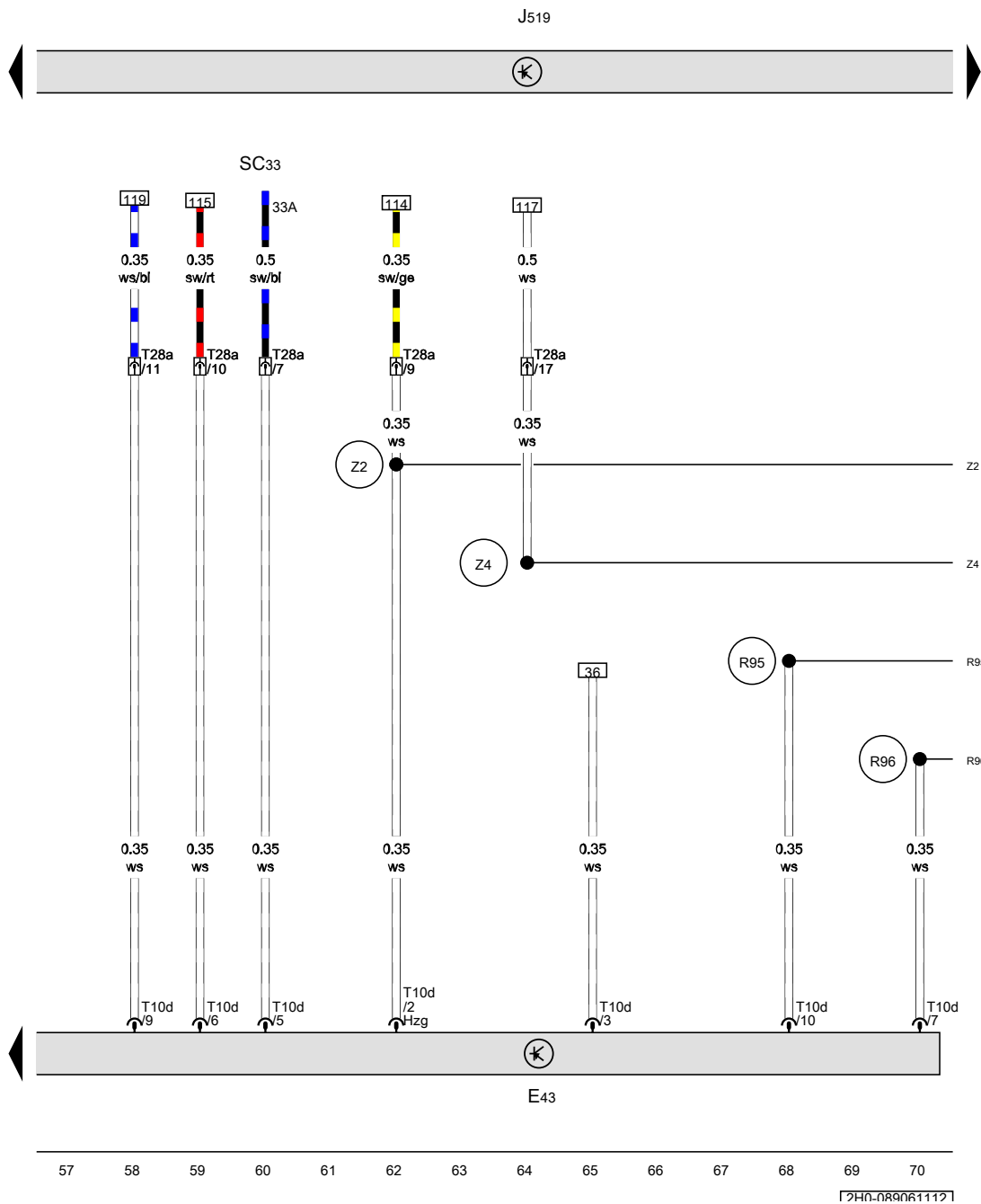


Mirror adjustment switch, Onboard supply control unit,
Central locking SAFELOCK function warning lamp, Driver
door lock unit

- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- K133 Central locking SAFELOCK function warning lamp
- T8e 8-pin connector, black
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar, black
- T73a 73-pin connector, black
- T73b 73-pin connector
- VX21 Driver door lock unit

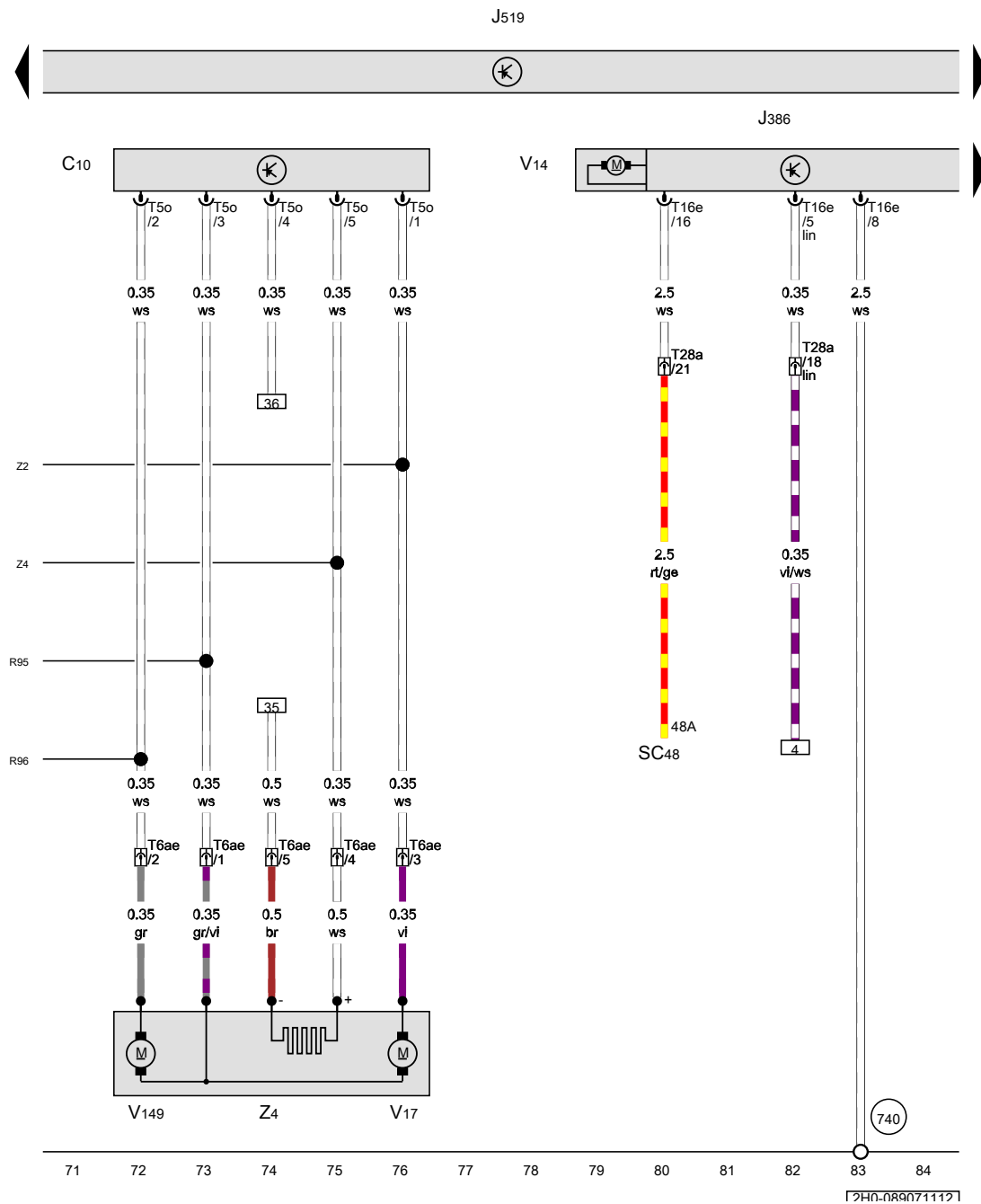
- 734 Earth point in front left door
- R14 Connection 1 (open), in driver door wiring harness

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



Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, near driver side A-pillar
- SC33 Fuse 33 on fuse holder C
- T10d 10-pin connector, black
- T28a 28-pin connector, on left A-pillar, black
- R95 Connection 2 in driver side door wiring harness
- R96 Connection 3 in driver side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness



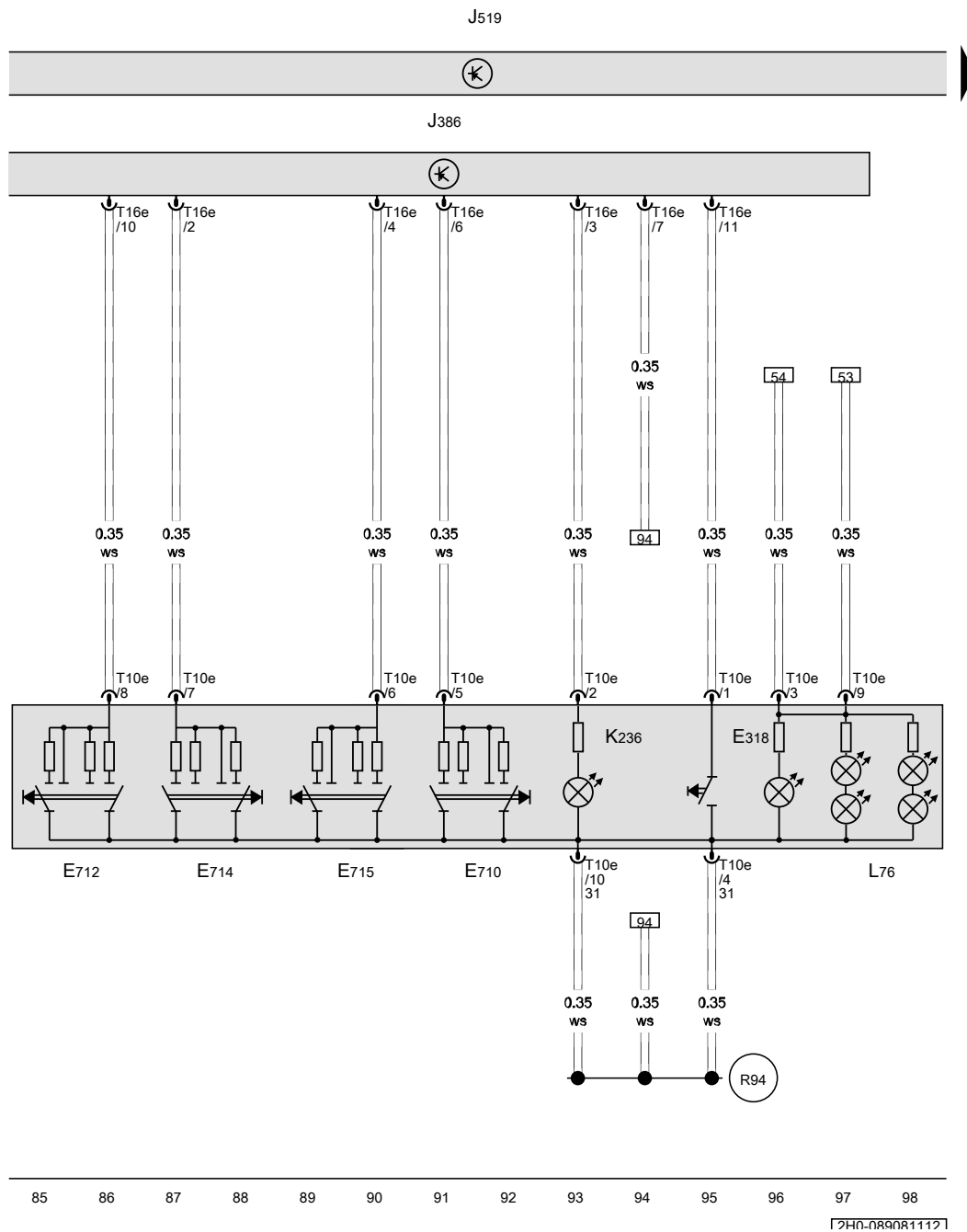
Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

- C10 Suppression filter, in left door
- J386 Driver door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC48 Fuse 48 on fuse holder C
- T50 5-pin connector
- T6ae 6-pin connector, in left door, near exterior mirror, blue
- T16e 16-pin connector
- T28a 28-pin connector, on left A-pillar, black
- V14 Left window regulator motor
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- 740 Earth point 2 in front left door
- R95 Connection 2 in driver side door wiring harness
- R96 Connection 3 in driver side door wiring harness
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- Z4 Positive connection (15a), in mirror adjustment/heating wiring harness

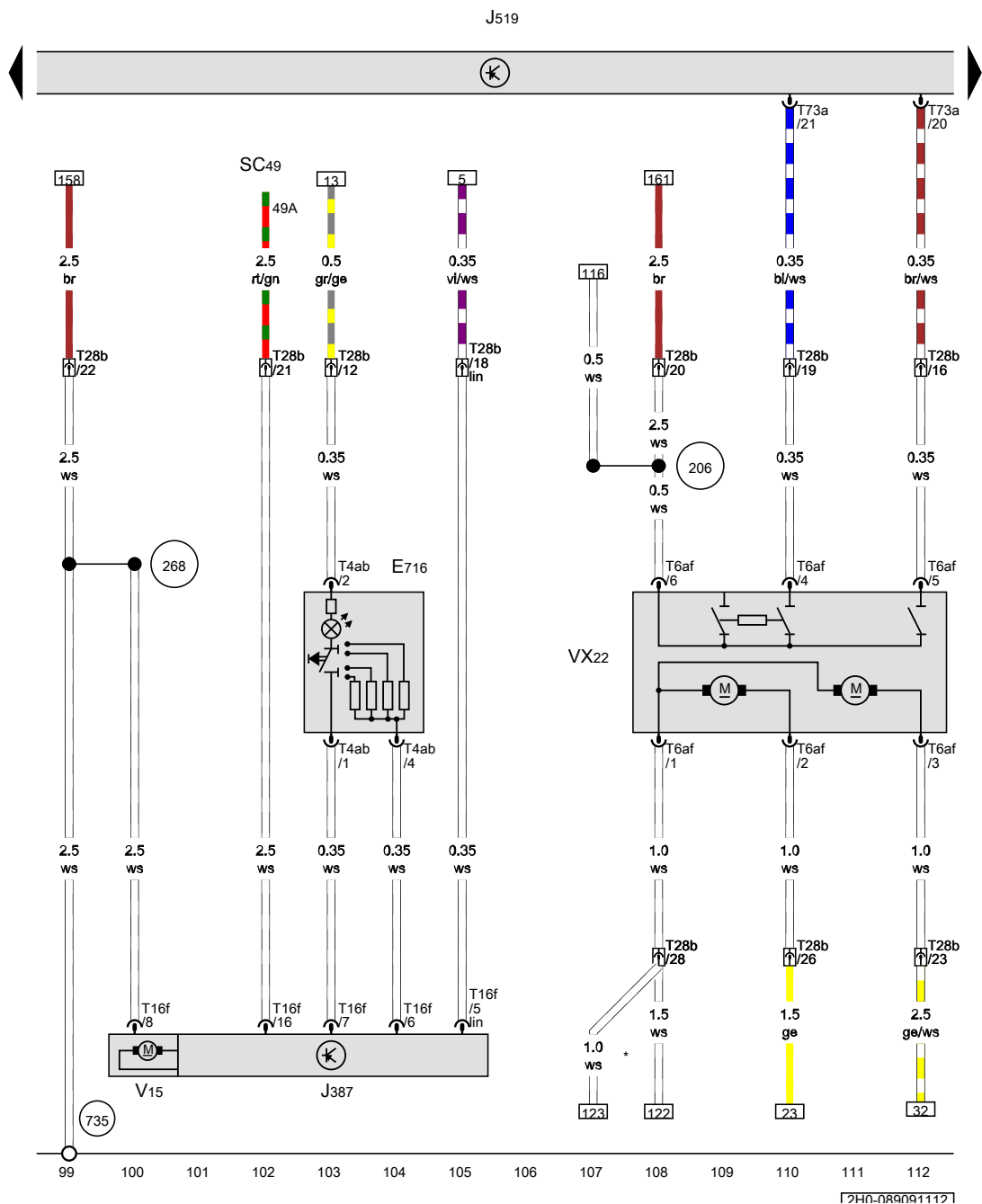
Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Driver door control unit, Onboard supply control unit

- E318 Childproof lock button
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- K236 Warning light for activated childproof lock
- L76 Button illumination bulb
- T10e 10-pin connector
- T16e 16-pin connector, black

R94 Connection 1 in driver side door wiring harness



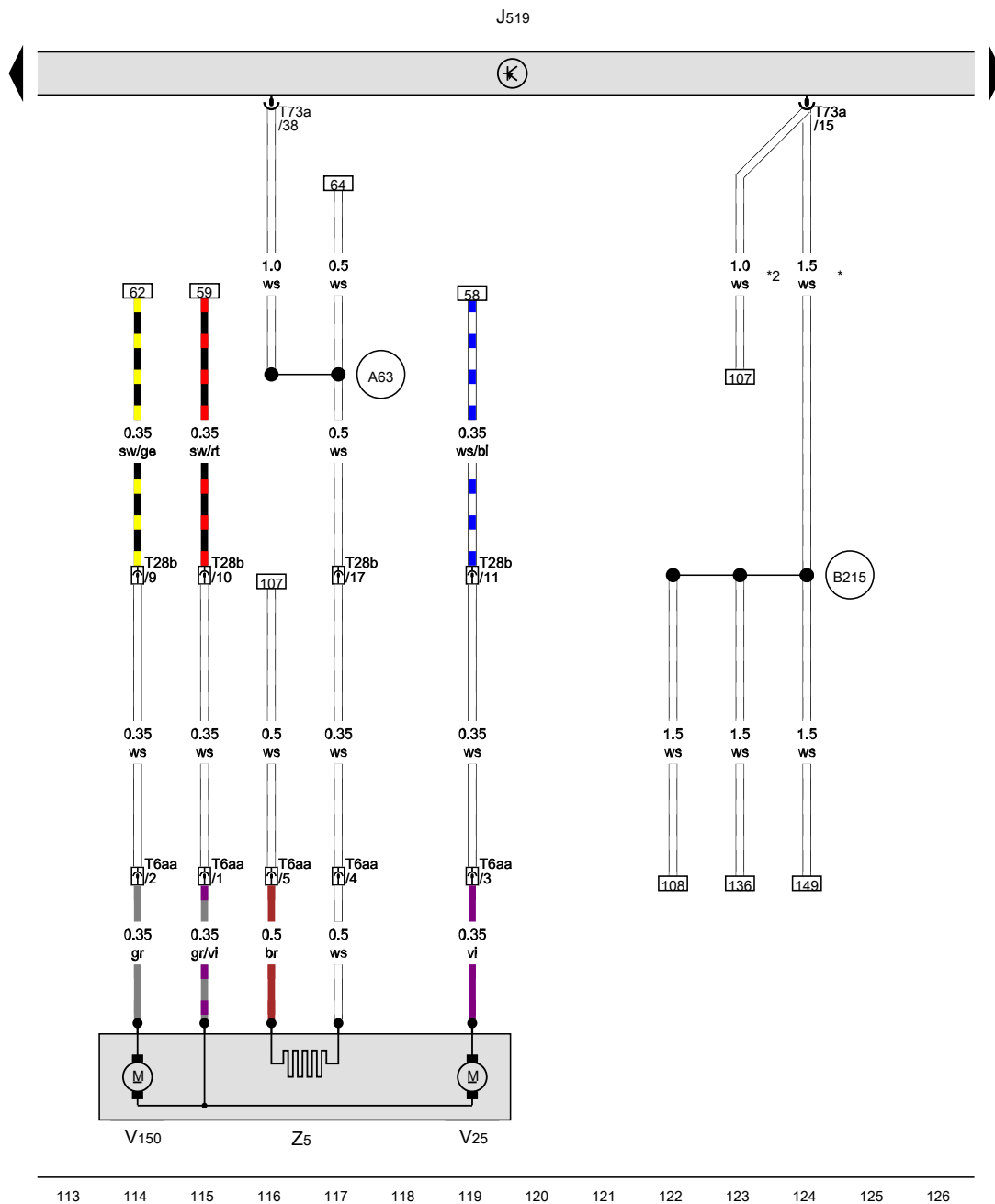
- ws = white
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- ge = yellow
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Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC49 Fuse 49 on fuse holder C
- T4ab 4-pin connector
- T6af 6-pin connector
- T16f 16-pin connector, black
- T28b 28-pin connector, on right A-pillar, black
- T73a 73-pin connector, black
- V15 Right window regulator motor
- VX22 Front passenger door lock unit
- 206 Earth connection, in front passenger door wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- 735 Earth point in front right door
- * Only models with single cab

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gn = green
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Onboard supply control unit, Heated exterior mirror on front passenger side

- J519 Onboard supply control unit, near driver side A-pillar
- T6aa 6-pin connector, in right door, near exterior mirror, blue
- T28b 28-pin connector, on right A-pillar, black
- T73a 73-pin connector, black
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- Z5 Heated exterior mirror on front passenger side

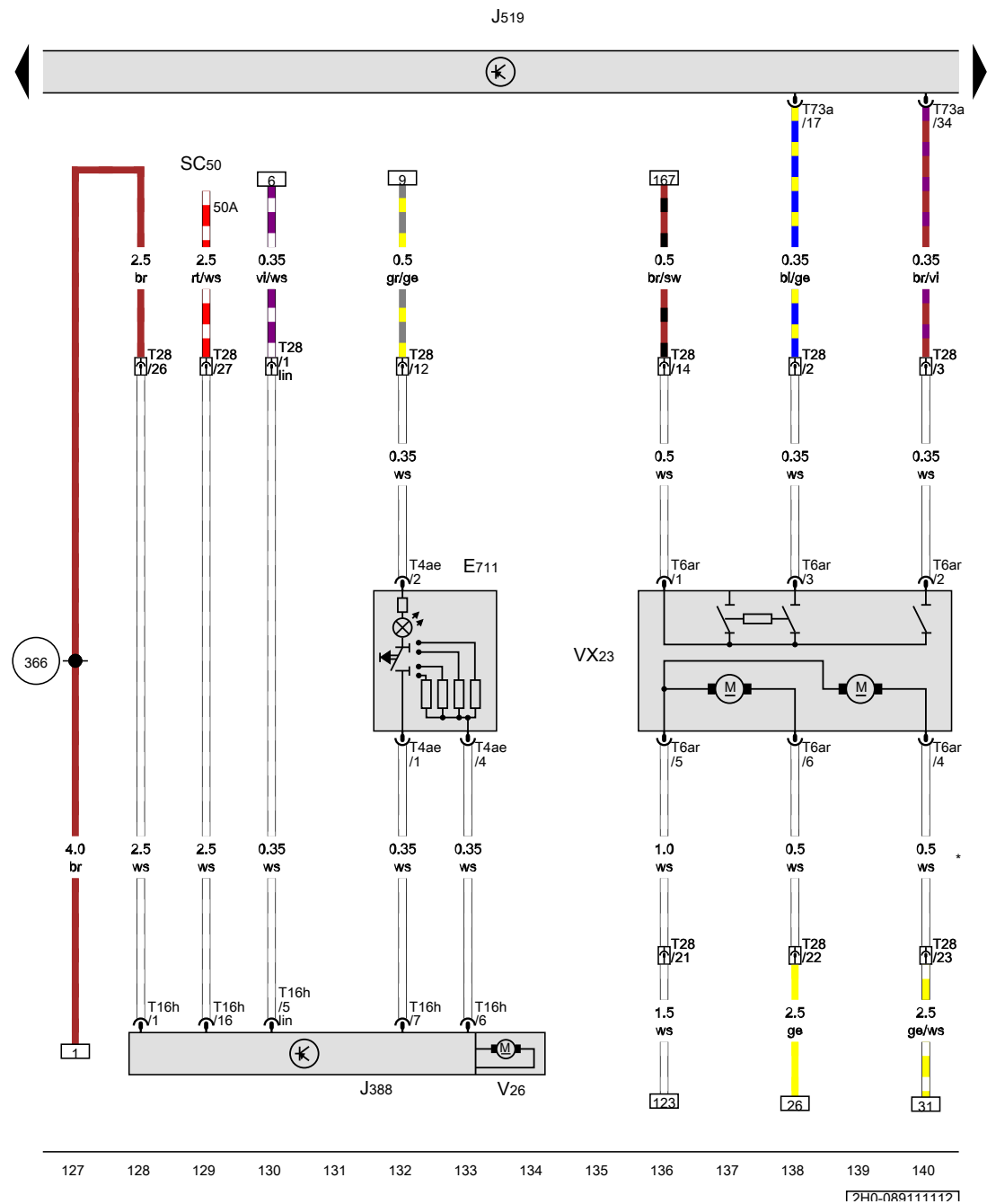
A63 Connection (mirror adjustment/heating), in dash panel wiring harness

B215 Connection 2 (central locking), in interior wiring harness

* Only models with double cab

*2 Only models with single cab

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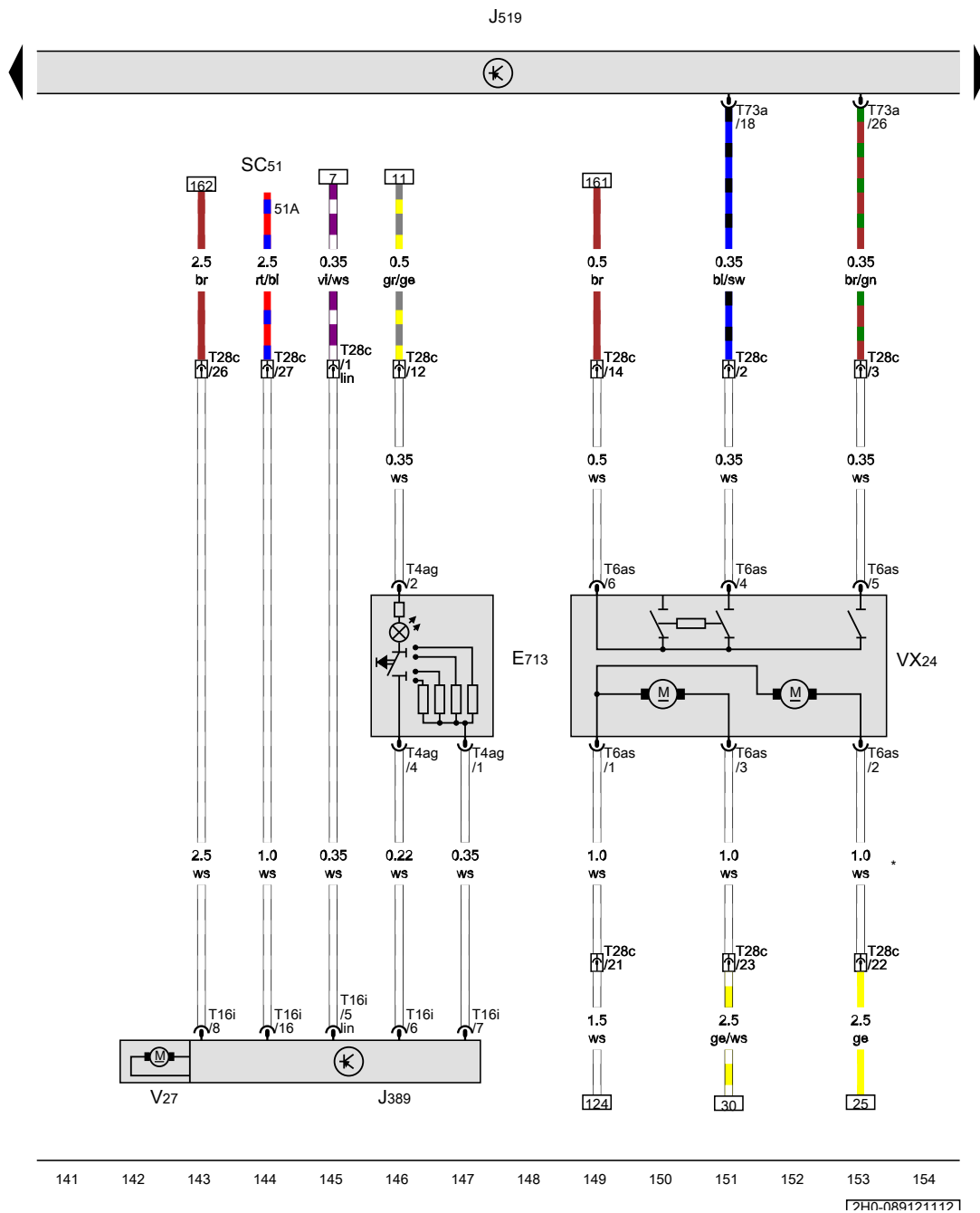


Rear driver side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

- E711 Rear driver side window regulator button, in rear left door
- J388 Rear left door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC50 Fuse 50 on fuse holder C
- T4ae 4-pin connector, black
- T6ar 6-pin connector, black
- T16h 16-pin connector
- T28 28-pin connector, on left B-pillar, black
- T73a 73-pin connector, black
- VX23 Rear left door lock unit
- V26 Rear left window regulator motor

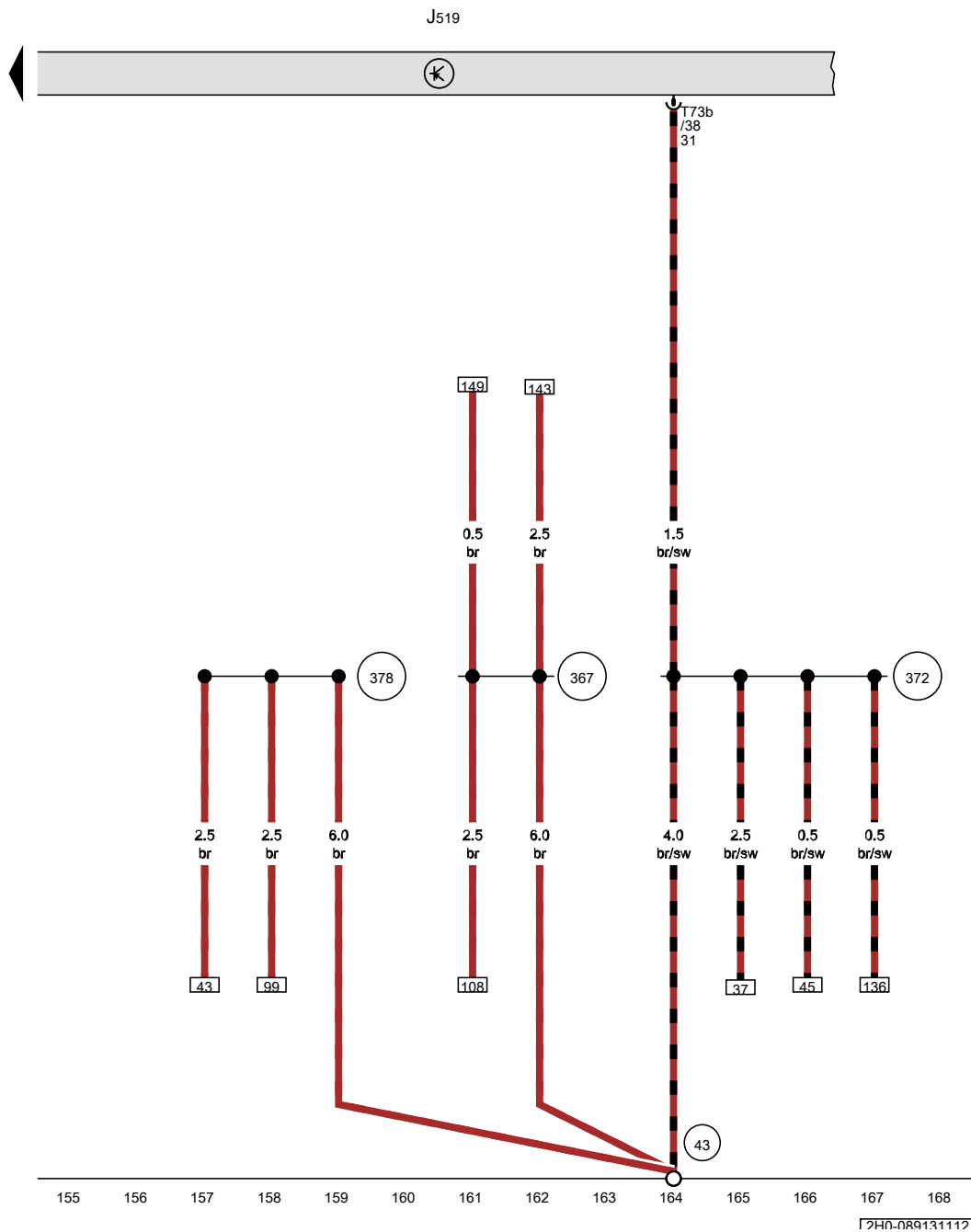
366 Earth connection 1, in main wiring harness

* Only models with SAFELOCK function



Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

- E713 Rear passenger side window regulator button, in rear right door
- J389 Rear right door control unit
- J519 Onboard supply control unit, near driver side A-pillar
- SC51 Fuse 51 on fuse holder C
- T4ag 4-pin connector
- T6as 6-pin connector, black
- T16i 16-pin connector, black
- T28c 28-pin connector, on right B-pillar, black
- T73a 73-pin connector, black
- VX24 Rear right door lock unit
- V27 Rear right window regulator motor
- * Only models with SAFELOCK function



Onboard supply control unit

J519 Onboard supply control unit, near driver side A-pillar

T73b 73-pin connector

43 Earth point, lower part of right A-pillar

367 Earth connection 2, in main wiring harness

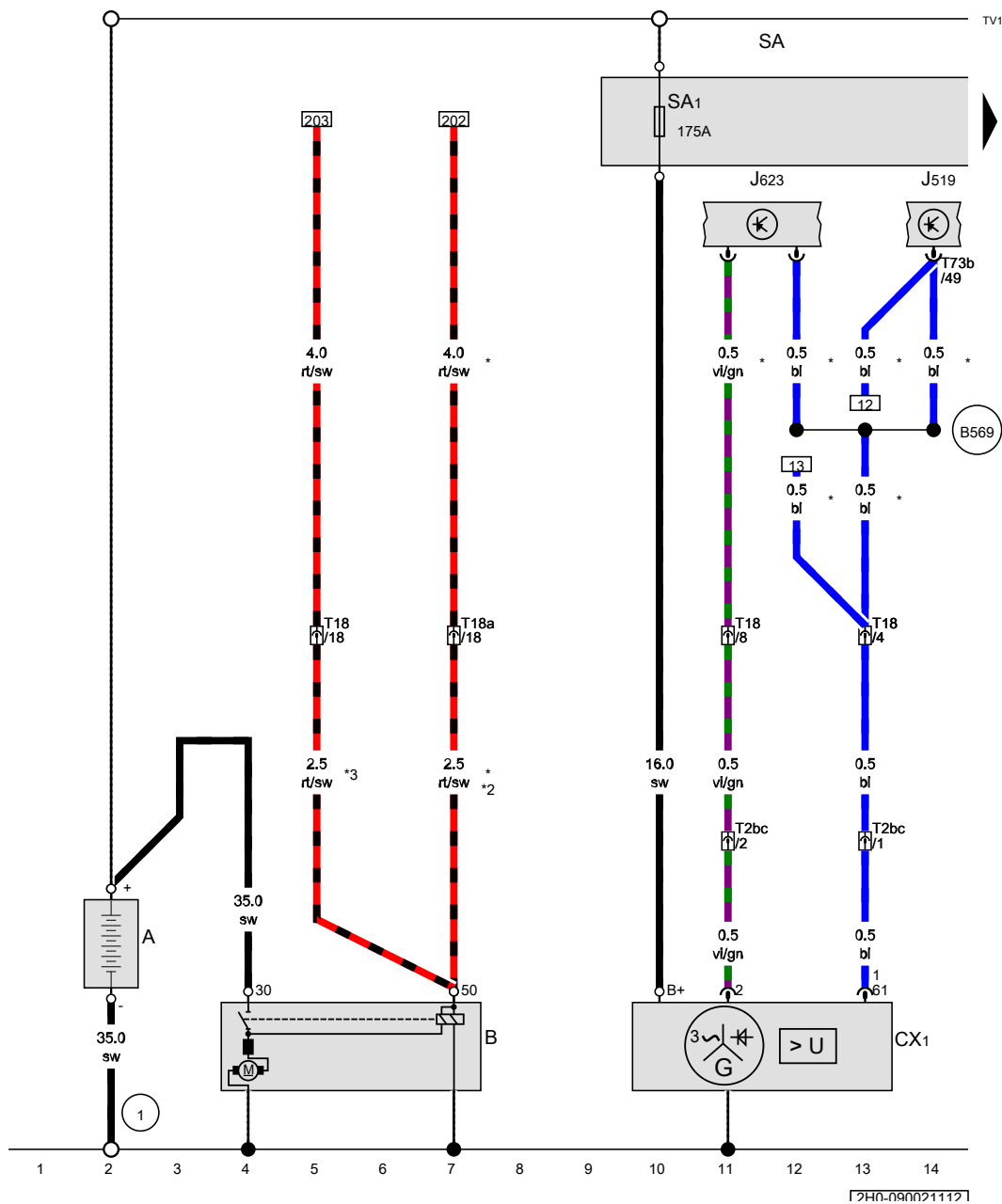
372 Earth connection 7, in main wiring harness

378 Earth connection 13, in main wiring harness

Fuse assignment , (7L3)

From January 2013

Battery, Starter, Alternator with voltage regulator, Fuse holder A



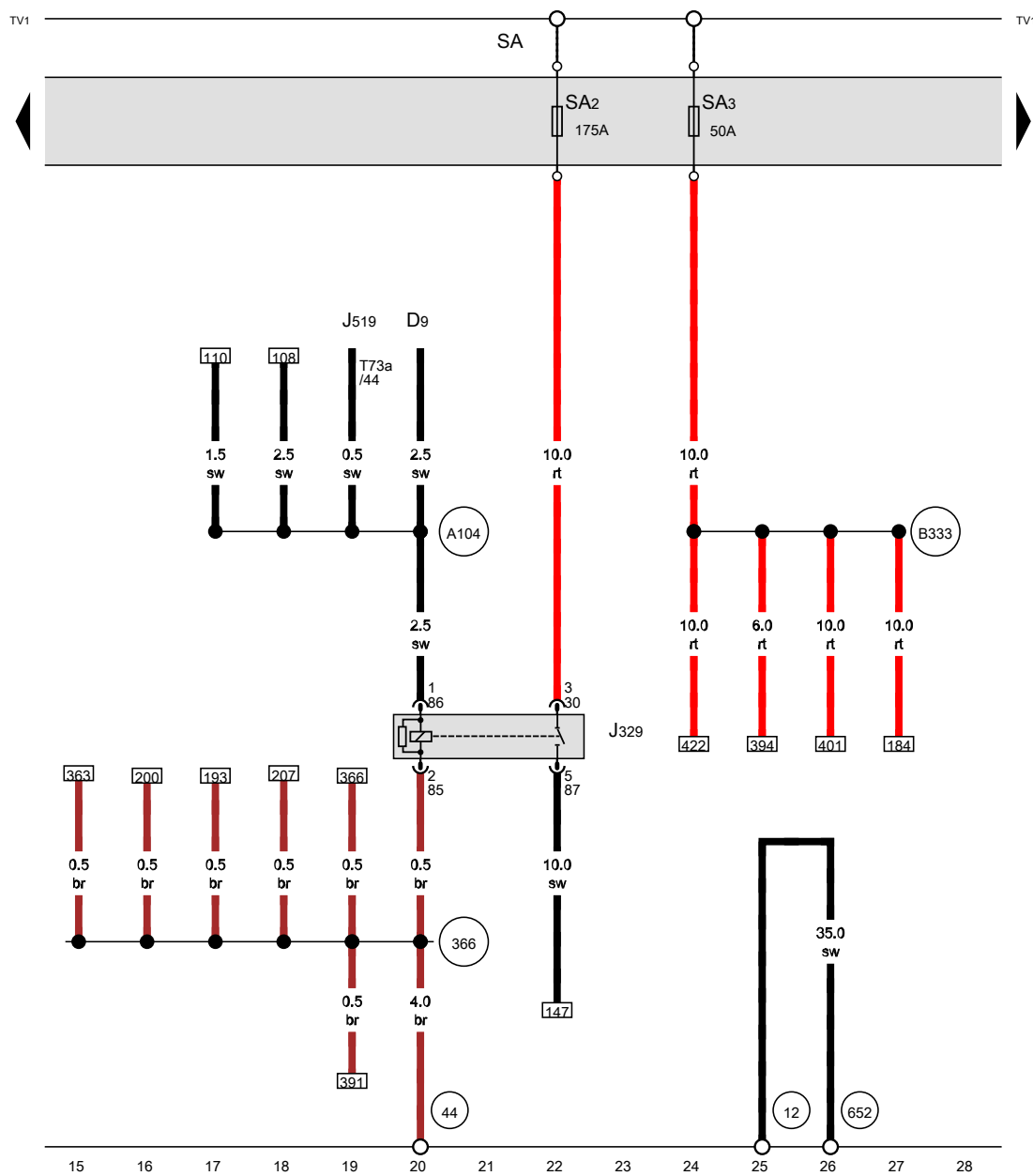
- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- T2bc 2-pin connector
- T18 18-pin connector, near engine control unit, black
- T18a 18-pin connector, near engine control unit, grey
- T73b 73-pin connector, colourless

1 Earth strap, battery - body

B569 Connection 36, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine

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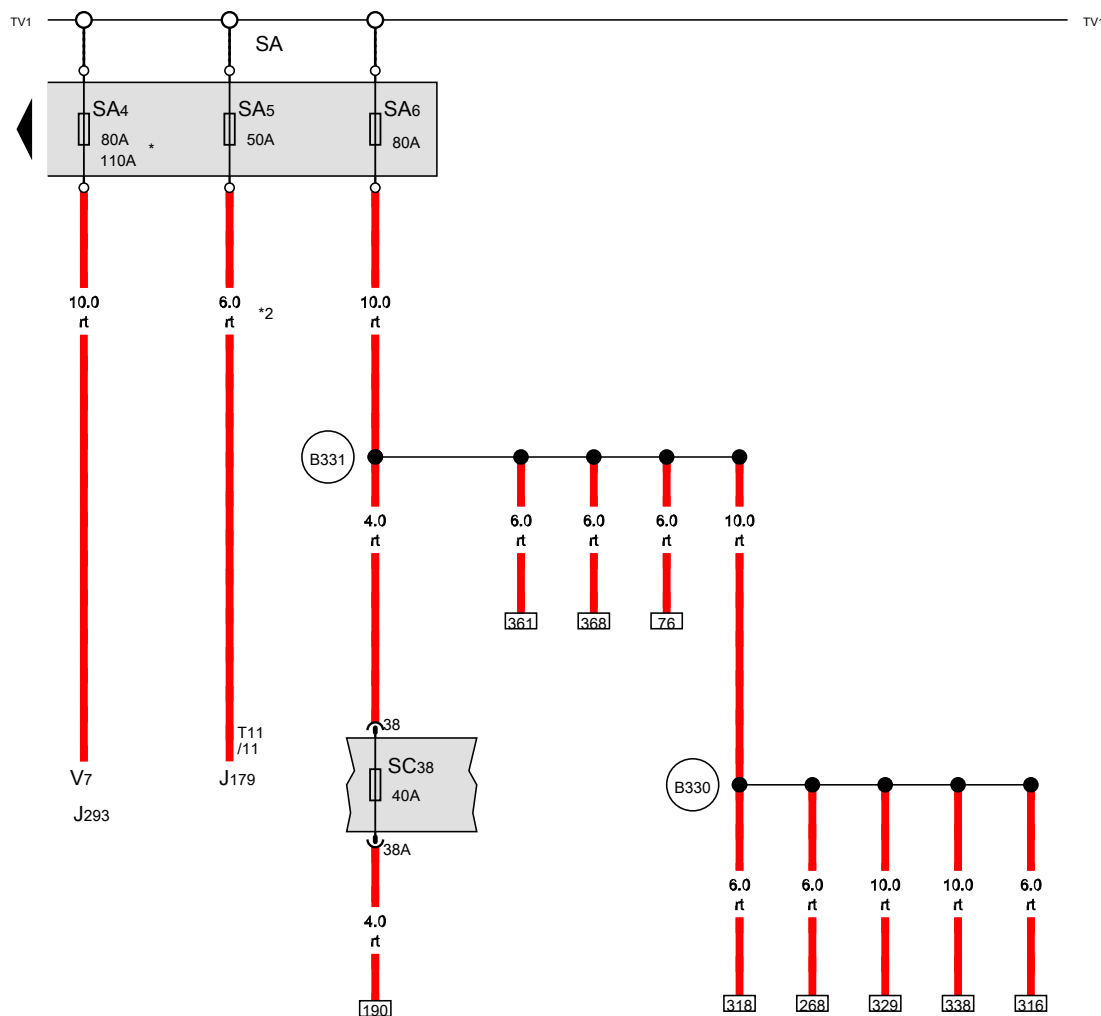


Terminal 15 voltage supply relay, Fuse holder A

- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA Fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- T73a 73-pin connector, black

- 12 Earth point, on left in engine compartment
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 652 Earth point, engine and gearbox earth
- A104 Positive connection 2 (15), in dash panel wiring harness
- B333 Positive connection 19 (30a) in main wiring harness

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Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan

- J179 Automatic glow period control unit
- J293 Radiator fan control unit
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- SC38 Fuse 38 on fuse holder C
- T11 11-pin connector, black
- V7 Radiator fan

B330 Positive connection 16 (30a) in main wiring harness

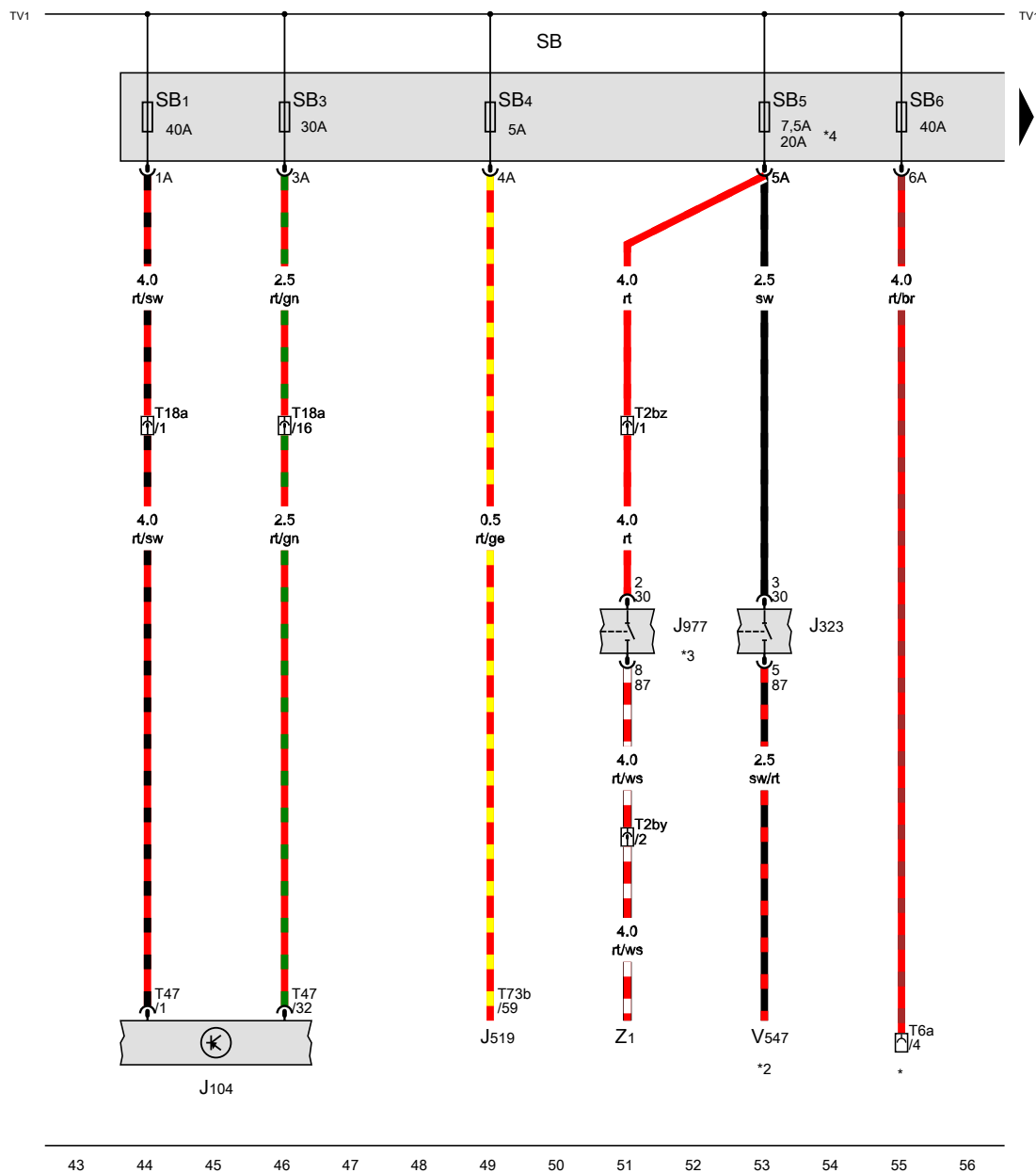
B331 Positive connection 17 (30a) in main wiring harness

* According to equipment

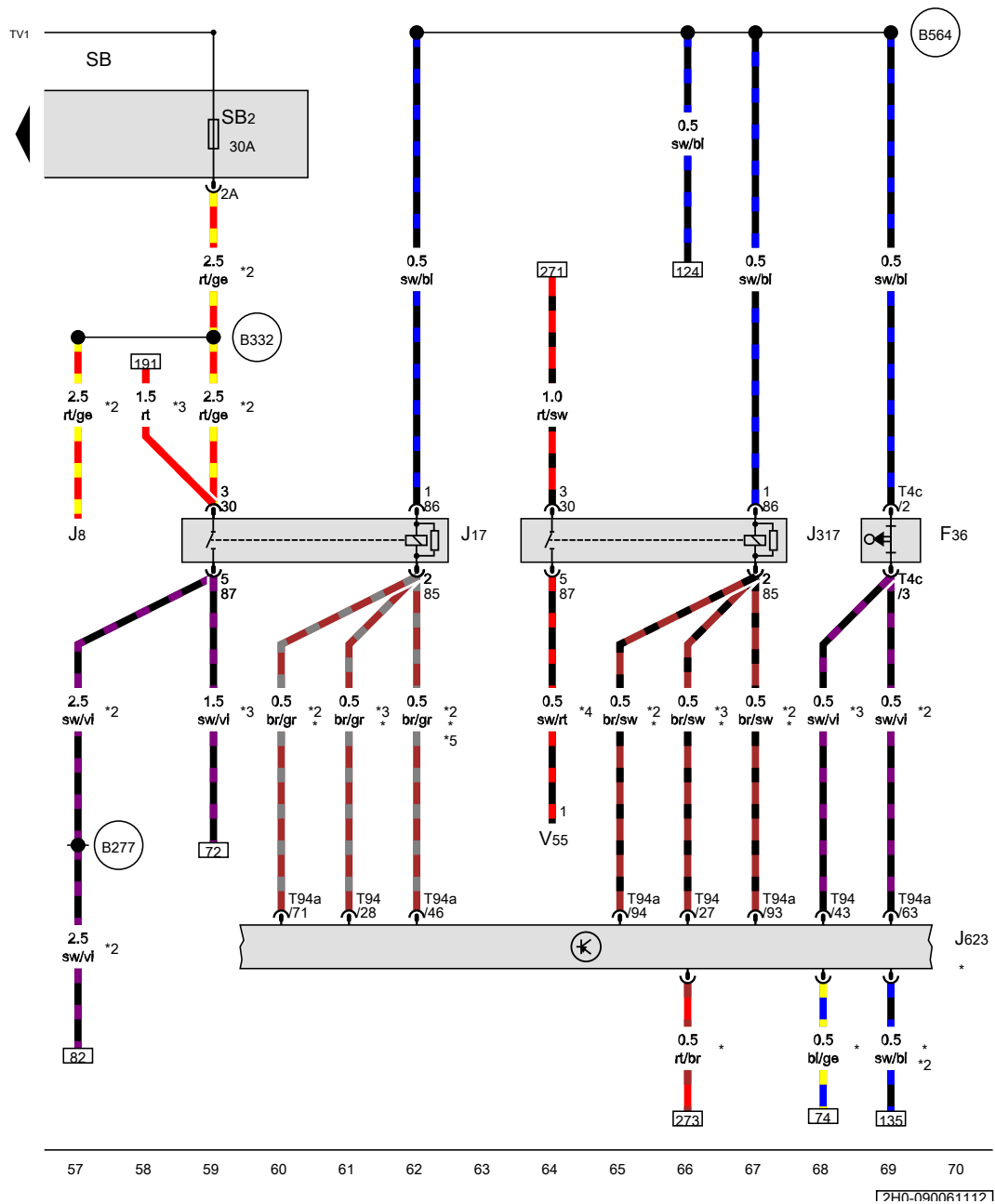
*2 Only models with diesel engine

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ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



- J104 ABS control unit
- J323 Blower relay
- J519 Onboard supply control unit
- J977 Terminal 30 relay
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2by 2-pin connector
- T2bz 2-pin connector
- T6a 6-pin connector, in left footwell, near centre console, grey
- T18a 18-pin connector, near engine control unit, grey
- T47 47-pin connector, black
- T73b 73-pin connector, colourless
- V547 Air supply blower
- Z1 Heated rear window
- * Only models with electric interface for external use
- *2 see applicable current flow diagram
- *3 see applicable current flow diagram for hardtop
- *4 According to equipment



Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

- F36 Clutch pedal switch
- J8 Auxiliary heater relay
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- T4c 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector
- V55 Circulation pump

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

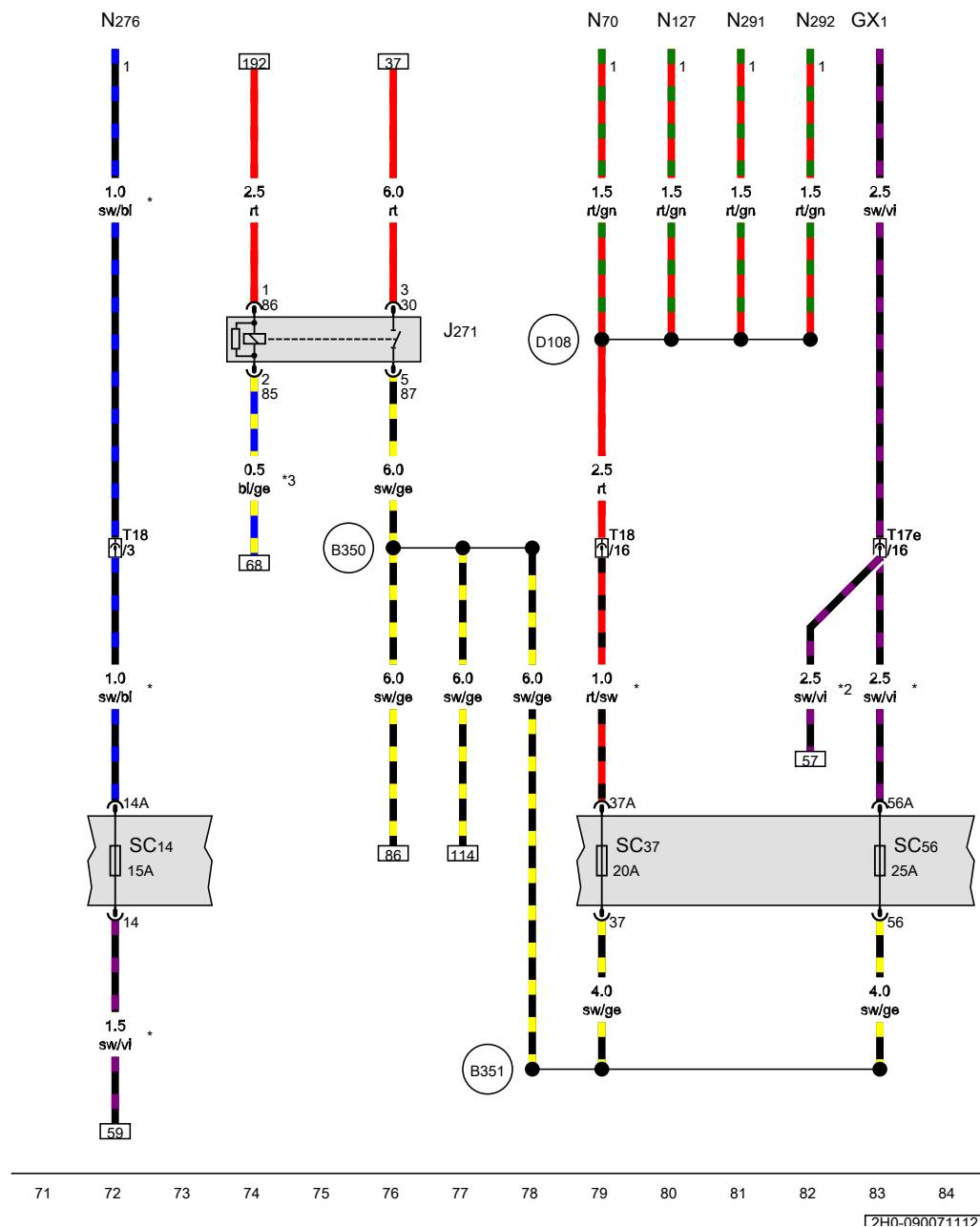
B332 Positive connection 18 (30a) in main wiring harness

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with petrol engine
- *4 see applicable current flow diagram for auxiliary coolant heater
- *5 Slot assignment, with no cruise control system (CCS)

ws = white
 sw = black
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 br = brown
 gn = green
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Main relay, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C



GX1 Fuel delivery unit, on fuel tank

J271 Main relay

N70 Ignition coil 1 with output stage

N127 Ignition coil 2 with output stage

N276 Fuel pressure regulating valve

N291 Ignition coil 3 with output stage

N292 Ignition coil 4 with output stage

SC14 Fuse 14 on fuse holder C

SC37 Fuse 37 on fuse holder C

SC56 Fuse 56 on fuse holder C

T17e 17-pin connector, near handbrake lever, red

T18 18-pin connector, near engine control unit, black

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

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

D108 Connection 6 in engine compartment wiring harness

* Only models with petrol engine

*2 Only models with diesel engine

*3 see applicable current flow diagram for engine

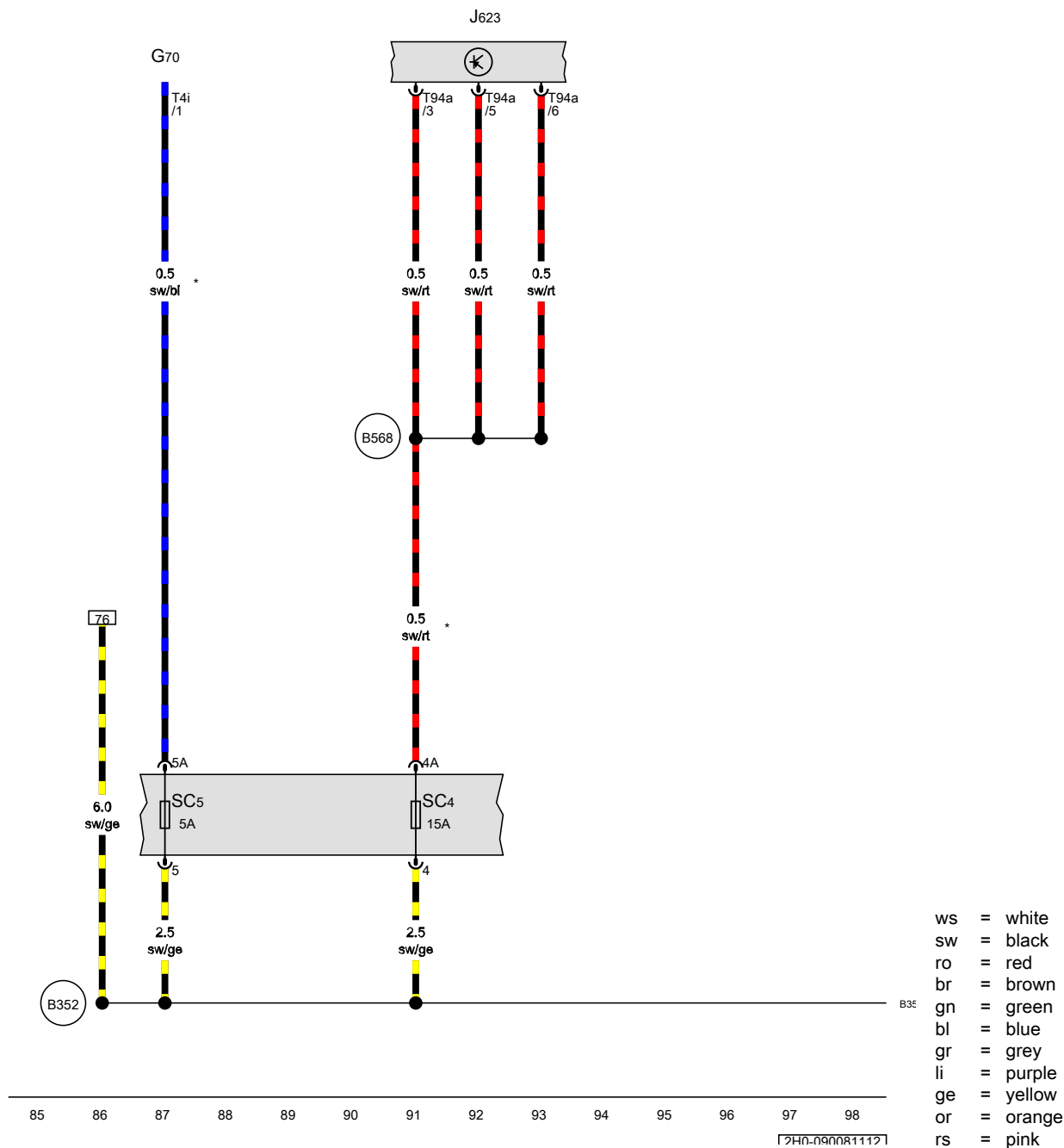
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

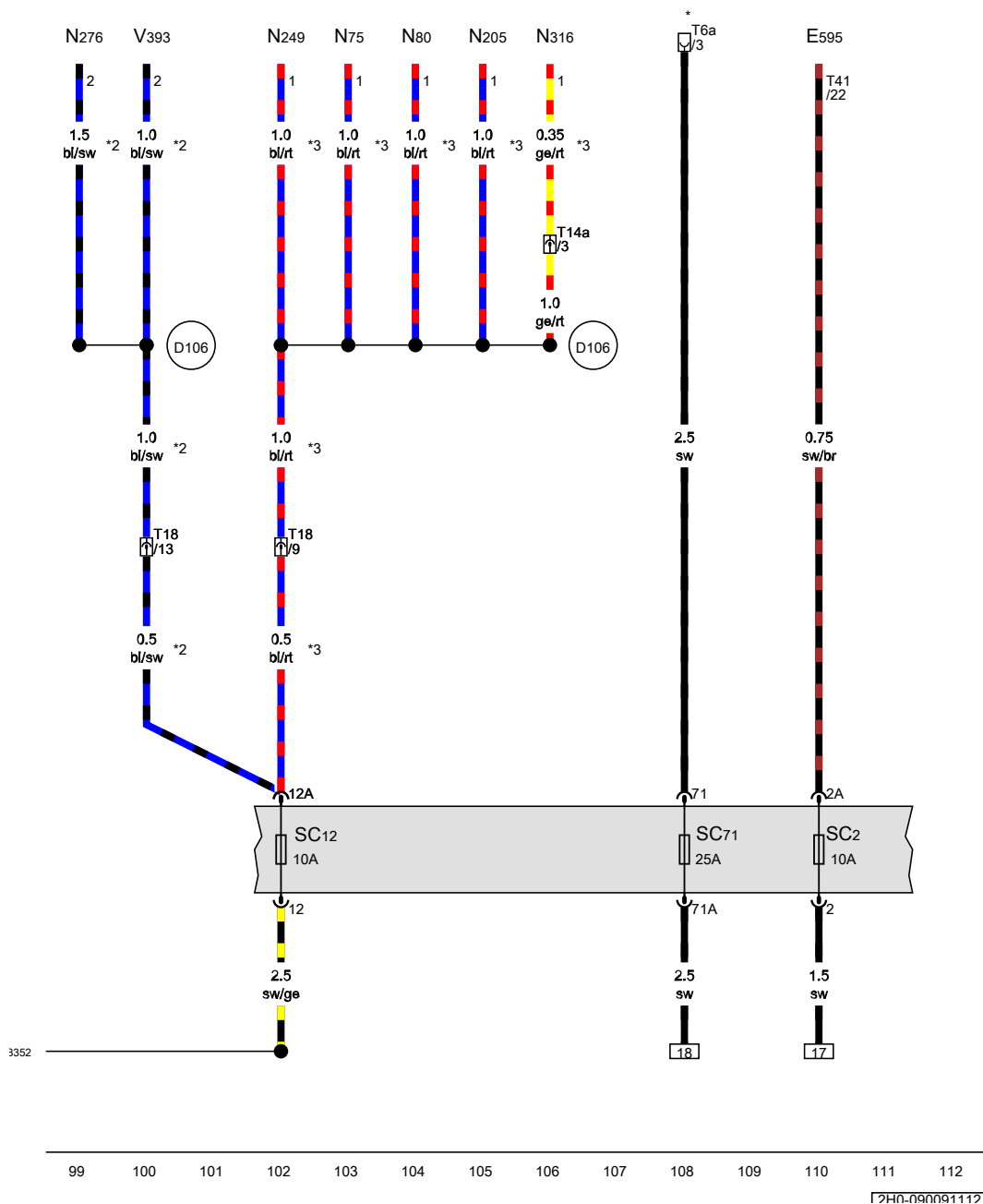
- G70 Air mass meter
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T94a 94-pin connector

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

 B568 Connection 35, in main wiring harness

* Only models with diesel engine





Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

- E595 Steering column combination switch
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N316 Intake manifold flap valve
- SC2 Fuse 2 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6a 6-pin connector, in left footwell, near centre console, grey
- T14a 14-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T41 41-pin connector, grey
- V393 Supplementary fuel pump

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

D106 Connection 4 in engine compartment wiring harness

- * Only models with electric interface for external use
- *2 Only models with diesel engine
- *3 Only models with petrol engine

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- gr = grey
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Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

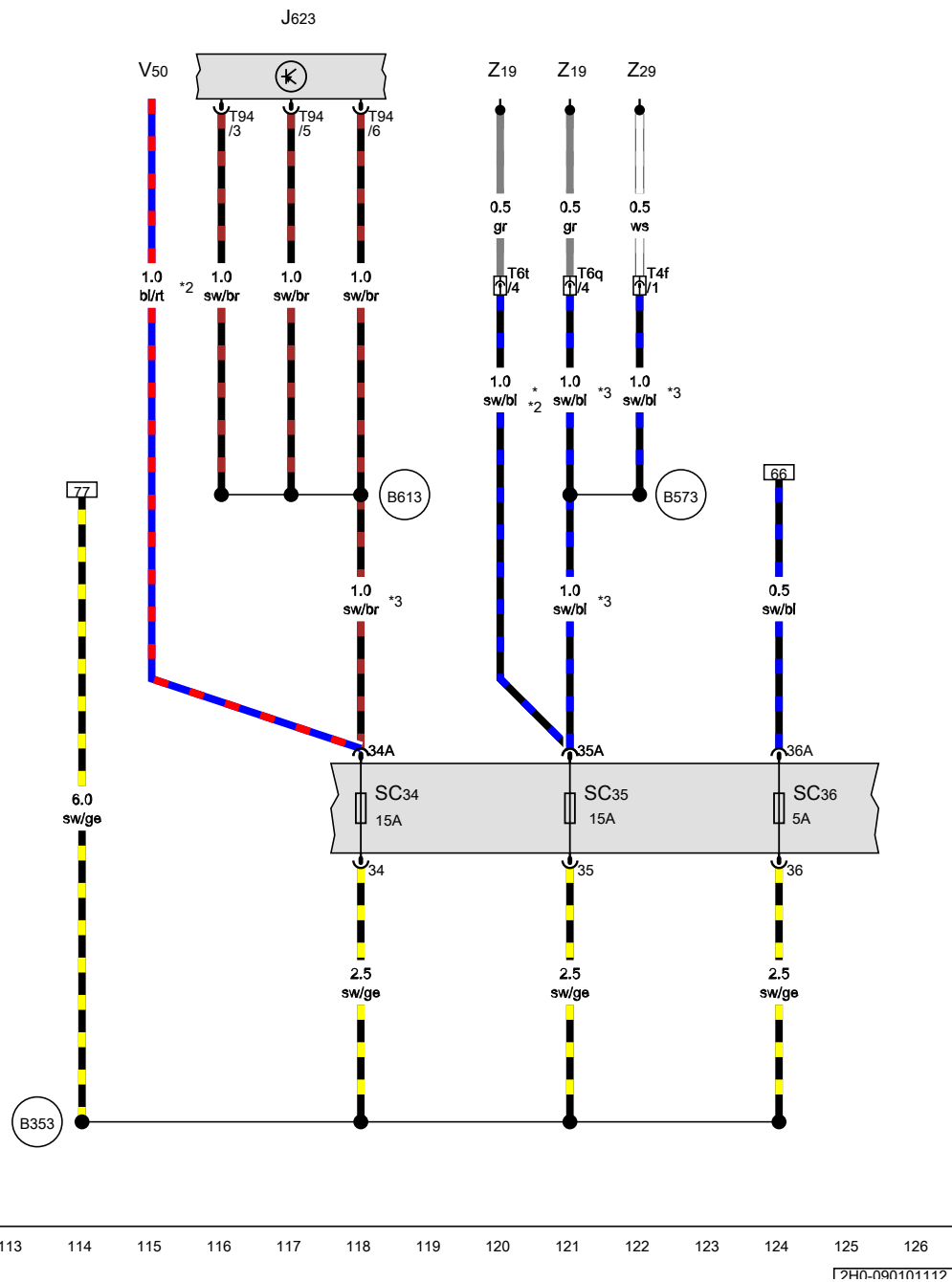
- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4f 4-pin connector, front right in engine compartment
- T6q 6-pin connector, front right in engine compartment
- T6t 6-pin connector, front right in engine compartment, black
- T94 94-pin connector
- V50 Coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

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

B573 Connection 40, in main wiring harness

B613 Connection 41, in main wiring harness

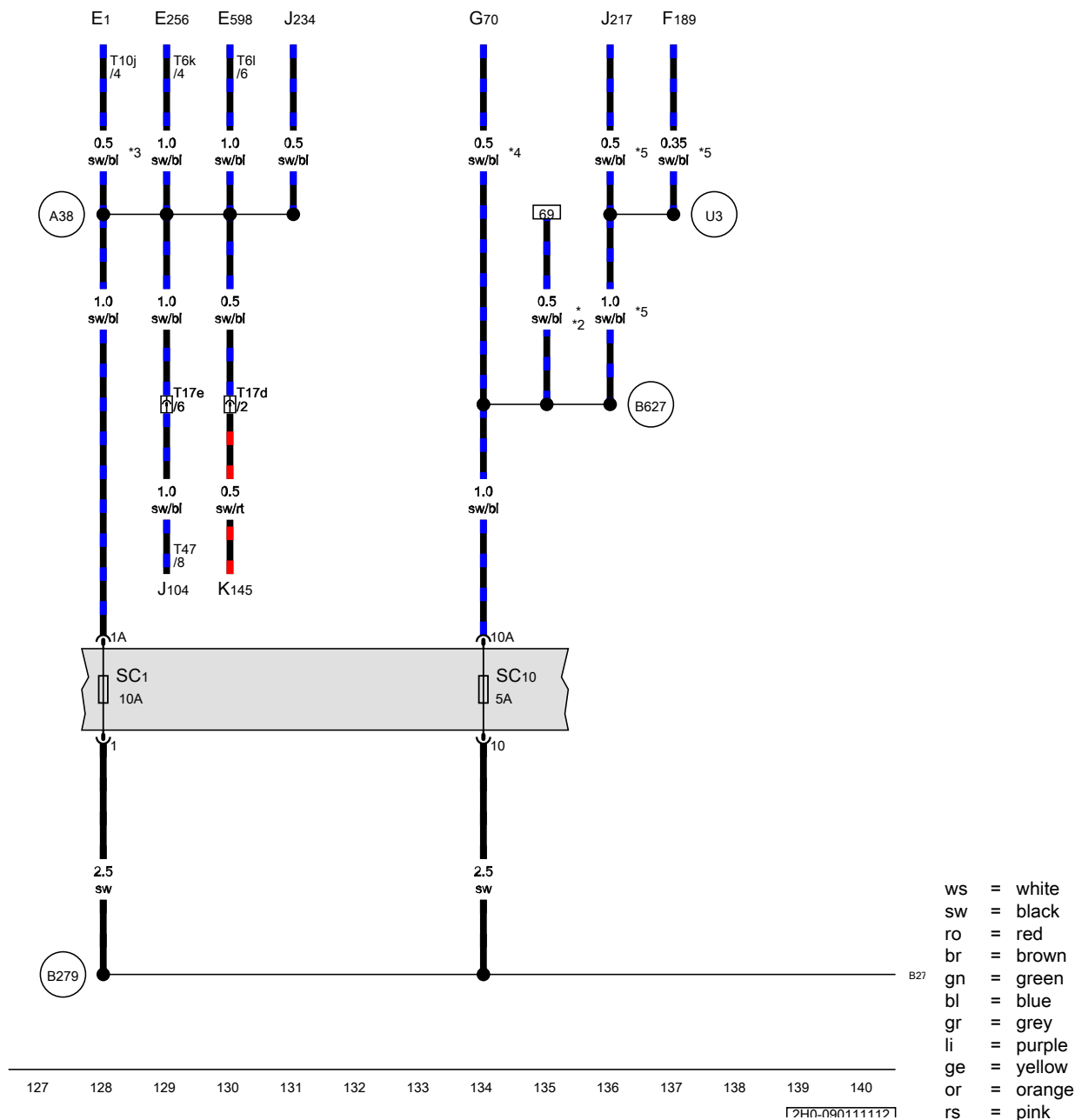
- * Only models with Euro 5 emission standard
- *2 Only models with diesel engine
- *3 Only models with petrol engine

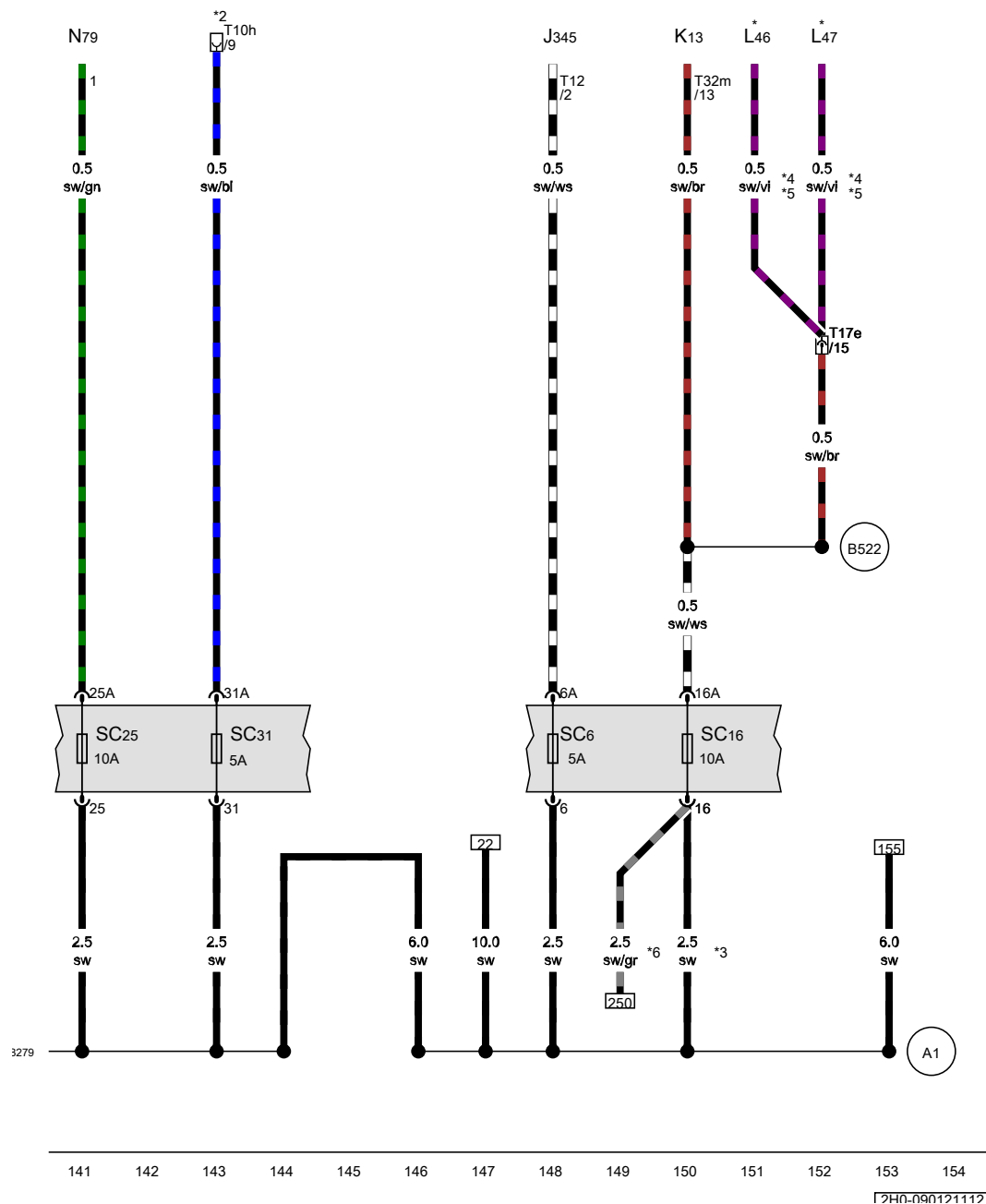


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Fuse 1 on fuse holder C, Fuse 10 on fuse holder C

- E1 Light switch
- E256 TCS and ESP button
- E598 Driving program button
- F189 Tiptronic switch
- G70 Air mass meter
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- SC1 Fuse 1 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T6k 6-pin connector, black
- T6l 6-pin connector, red
- T10j 10-pin connector, black
- T17d 17-pin connector, on left under dash panel, green
- T17e 17-pin connector, near handbrake lever, red
- T47 47-pin connector, black
- A38 Positive connection 2 (15a) in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * see applicable current flow diagram for engine
- *2 Only models with diesel engine
- *3 Only models with automatic driving lights control
- *4 Only models with petrol engine
- *5 see applicable current flow diagram for automatic gearbox





Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 31 on fuse holder C

- J345 Trailer detector control unit
- K13 Rear fog light warning lamp
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- N79 Heater element for crankcase breather
- SC6 Fuse 6 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T10h 10-pin connector, purple
- T12 12-pin connector, red
- T17e 17-pin connector, near handbrake lever, red
- T32m 32-pin connector, blue

A1 Positive connection (30a), in dash panel wiring harness

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

B522 Connection (FL), in main wiring harness

- * According to equipment
- *2 Only models with electric interface for external use
- *3 Only models with automatic driving lights control
- *4 Cross-section 1.5 possible
- *5 see applicable current flow diagram for exterior lighting
- *6 Only models with no automatic headlight control with coming home

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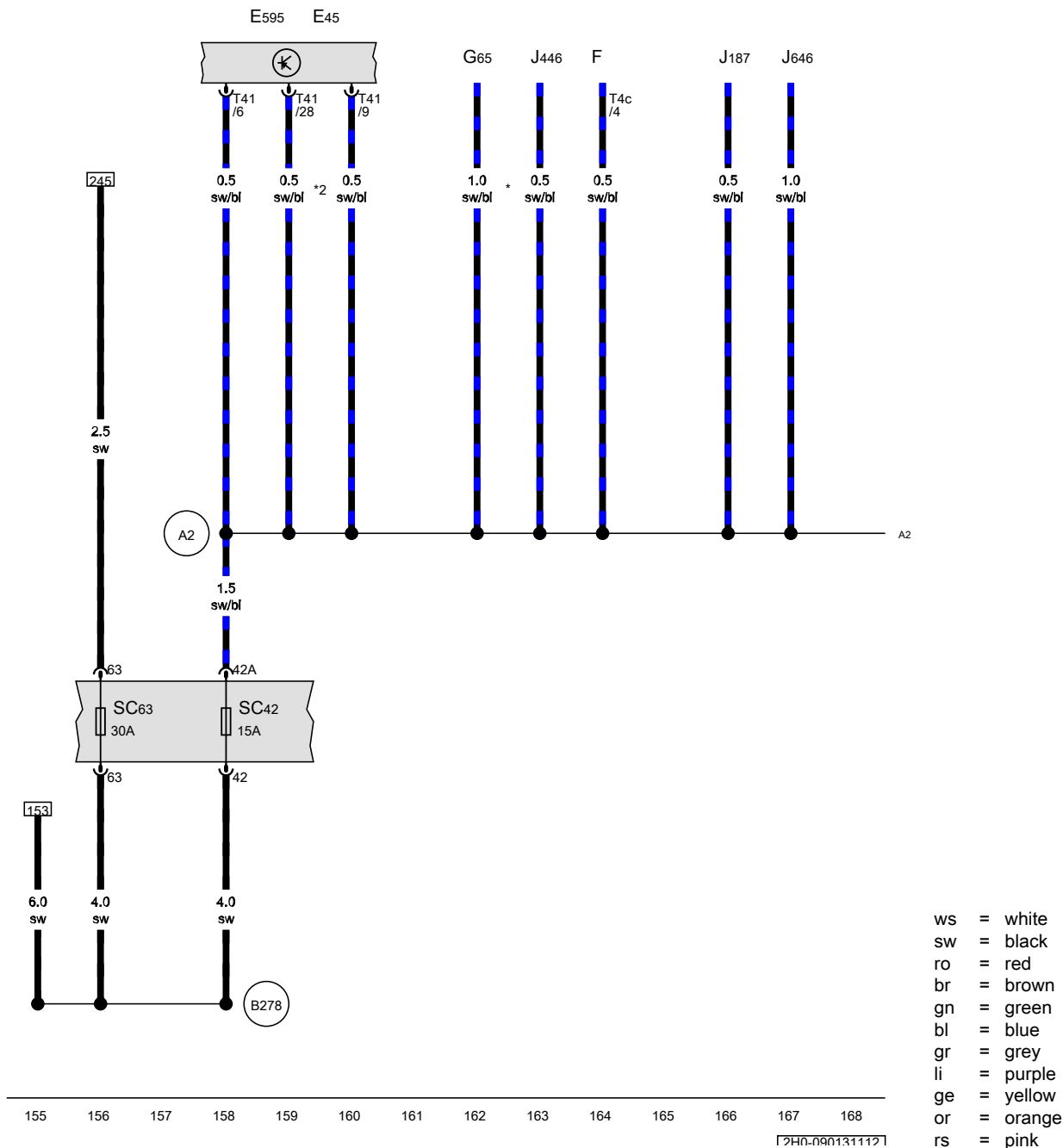
Fuse 42 on fuse holder C, Fuse 63 on fuse holder C

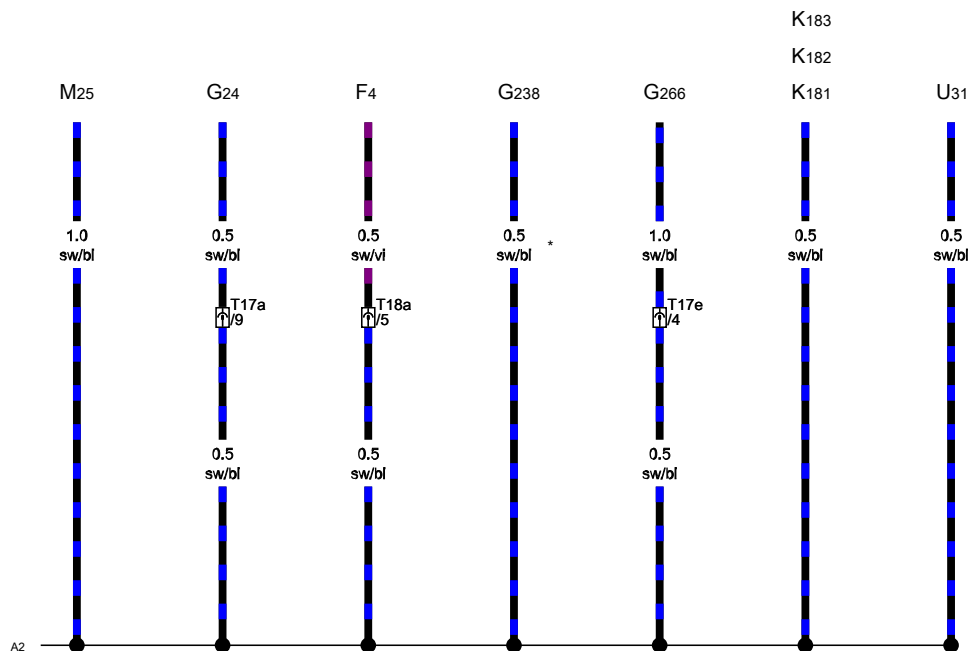
- E45 Cruise control system switch
- E595 Steering column combination switch
- F Brake light switch
- G65 High-pressure sender
- J187 Differential lock control unit
- J446 Parking aid control unit
- J646 Transfer box control unit
- SC42 Fuse 42 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T4c 4-pin connector, black
- T41 41-pin connector, grey

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

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

- * Only models with air conditioning system/ Climatronic
- *2 Only models with cruise control system





Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender

- F4 Reversing light switch
- G24 Tachograph
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit
- K183 Inter-axle lock-up warning lamp in transfer box operating unit
- M25 Additional brake light bulb
- T17a 17-pin connector, on left under dash panel, green
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- U31 Diagnostic connection

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

* Only models with Climatronic

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Headlight relay, Fuse 7 on fuse holder C, Fuse 53 on fuse holder C

- D9 Electronic ignition lock
- E595 Steering column combination switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC7 Fuse 7 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T6 6-pin connector, black
- T10h 10-pin connector, purple
- T41 41-pin connector
- T73a 73-pin connector, black

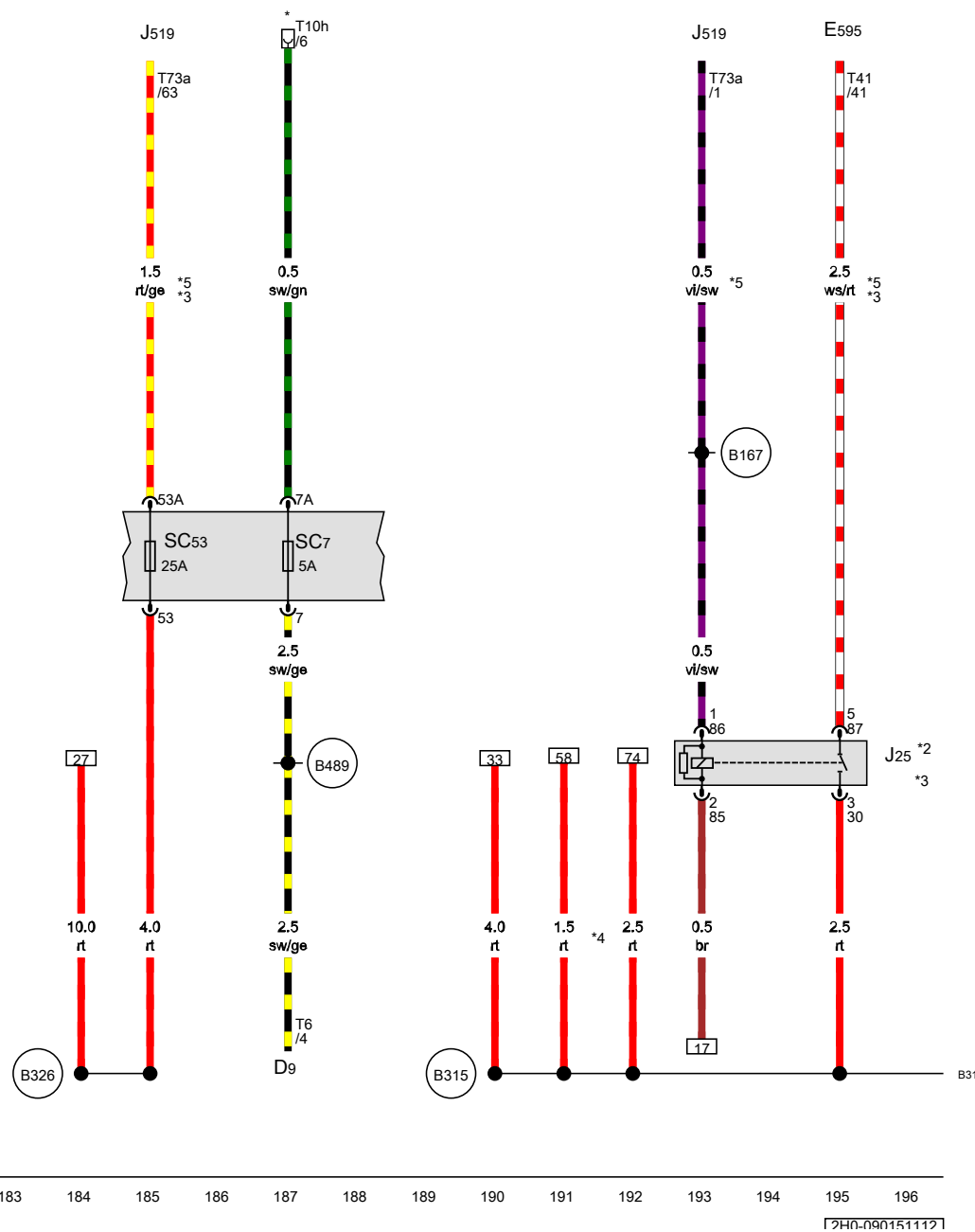
B167 Connection (56b), in interior wiring harness

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

B326 Positive connection 12 (30a) in main wiring harness

B489 Connection 25, in main wiring harness

- * Only models with electric interface for external use
- *2 Only models with start/stop system
- *3 Only models with automatic driving lights control
- *4 Only models with petrol engine
- *5 Coming home with rain sensor



Starter motor relay, Terminal 58b relief relay

D9 Electronic ignition lock
J53 Starter motor relay
J374 Terminal 58b relief relay

B276 Positive connection (50), in main wiring harness

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

B476 Connection 12, in main wiring harness

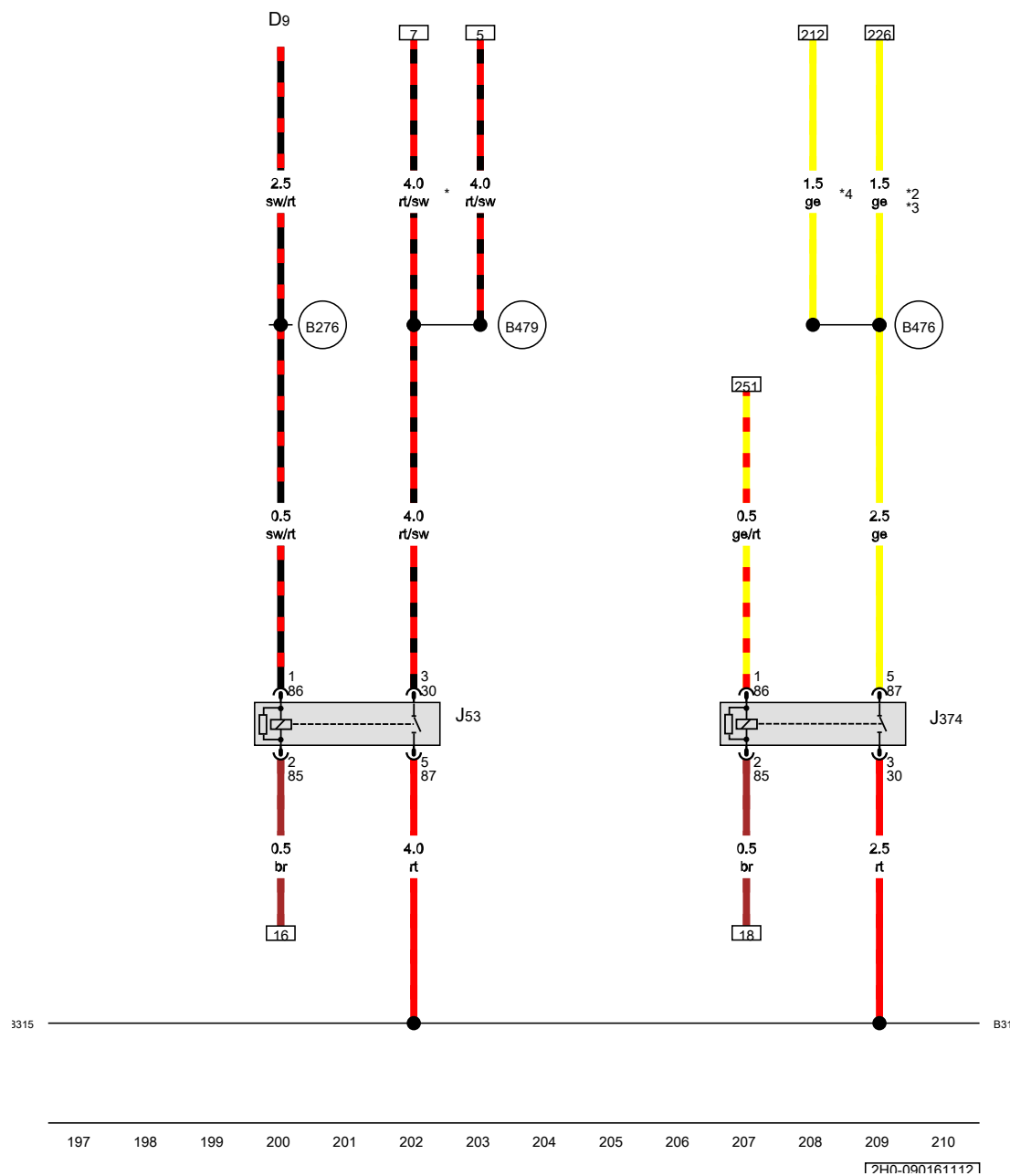
B479 Connection 15, in main wiring harness

* see applicable current flow diagram for engine

*2 Only models with Trendline equipment

*3 Only models with basic equipment

*4 Only models with no automatic headlight control with coming home



Fuse 28 on fuse holder C, Fuse 55 on fuse holder C

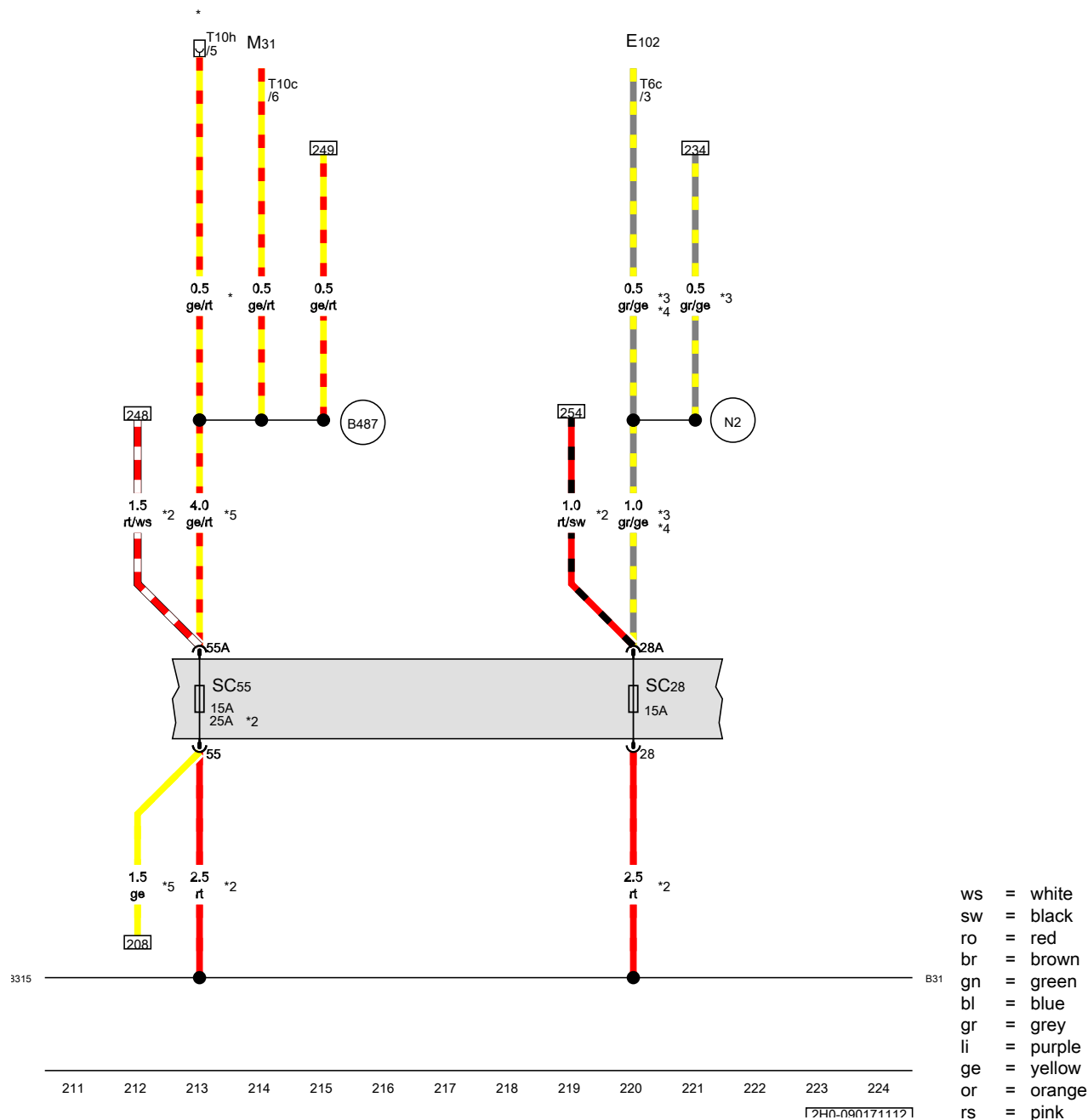
E102 Headlight range control regulator
M31 Right headlight dipped beam bulb
SC28 Fuse 28 on fuse holder C
SC55 Fuse 55 on fuse holder C
T6c 6-pin connector
T10c 10-pin connector, black
T10h 10-pin connector, purple

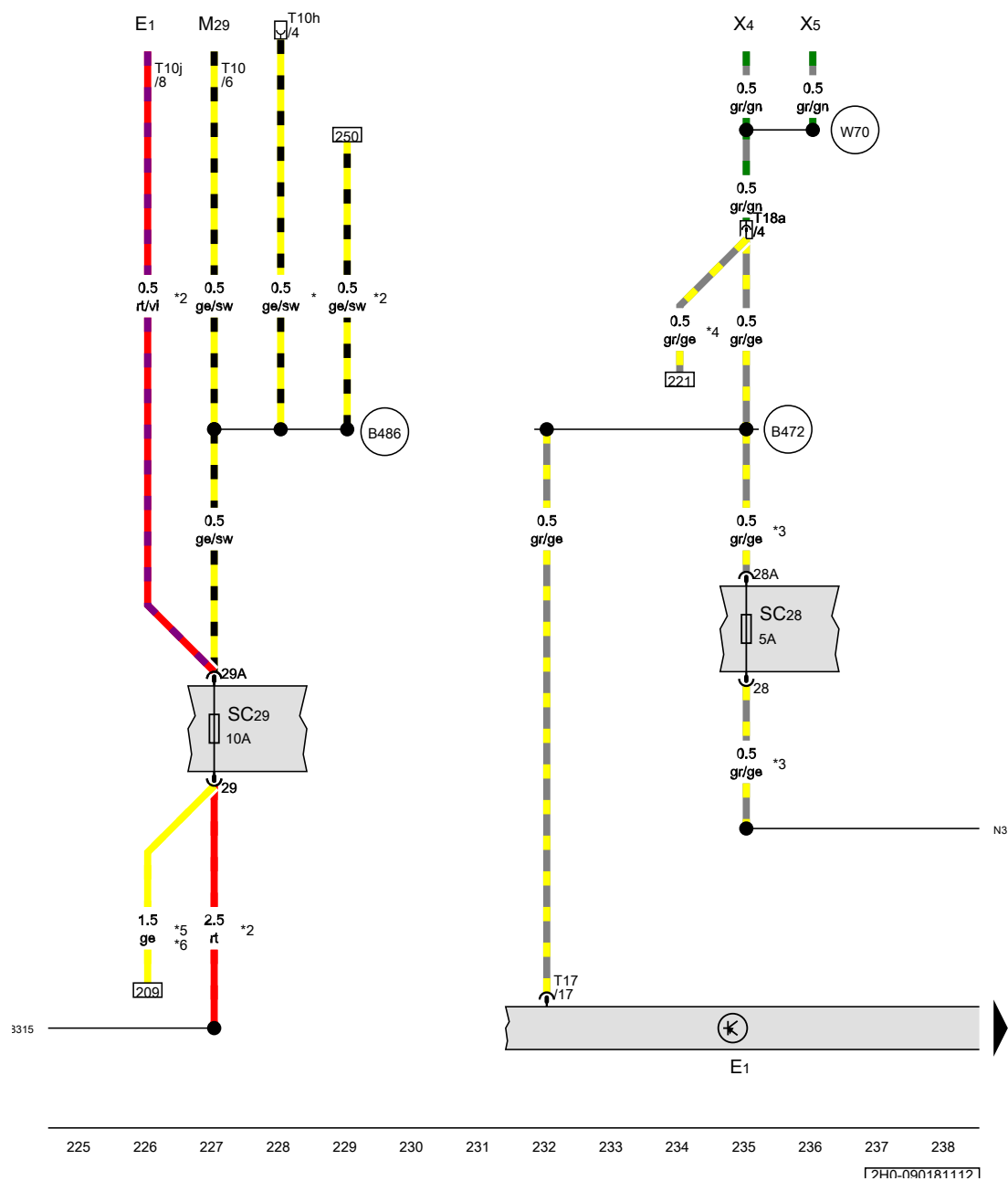
B315 Positive connection 1 (30a) in main wiring harness

B487 Connection 23, in main wiring harness

N2 Connection 1, in headlight range control wiring harness

- * Only models with electric interface for external use
- *2 Only models with automatic driving lights control
- *3 Only models with Highline equipment
- *4 Coming home with rain sensor
- *5 Only models with no automatic headlight control with coming home





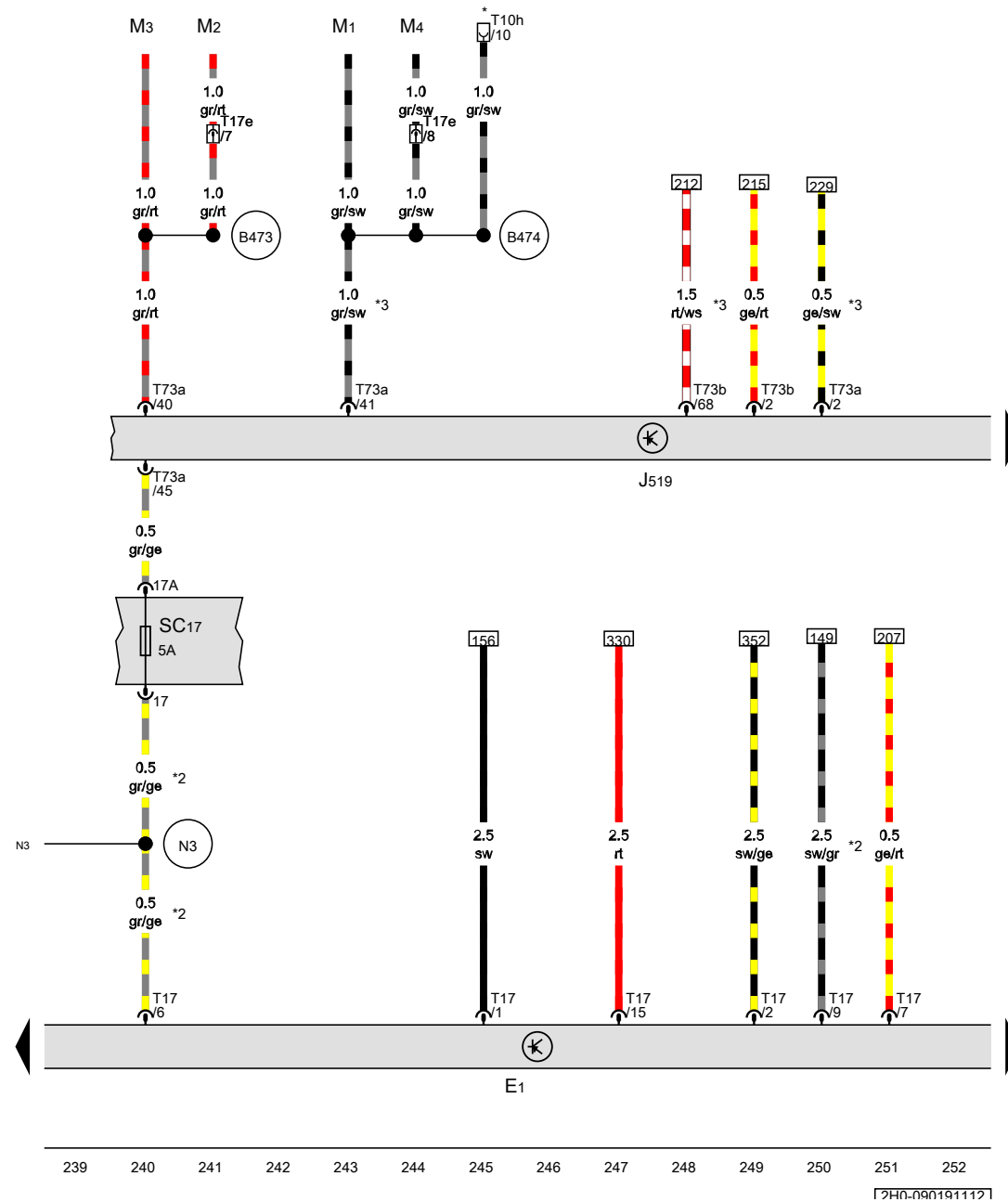
Fuse 28 on fuse holder C, Fuse 29 on fuse holder C

- E1 Light switch
- M29 Left headlight dipped beam bulb
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- T10 10-pin connector
- T10h 10-pin connector, purple
- T10j 10-pin connector, black
- T17 17-pin connector
- T18a 18-pin connector, near engine control unit, grey
- X4 Left number plate light
- X5 Right number plate light

- B315 Positive connection 1 (30a) in main wiring harness
- B472 Connection 8, in main wiring harness
- B486 Connection 22, in main wiring harness
- N3 Connection 2, in headlight range control wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only models with electric interface for external use
- *2 Only models with automatic driving lights control
- *3 Only models with no automatic headlight control with coming home
- *4 Only models with Highline equipment
- *5 Only models with Trendline equipment
- *6 Only models with basic equipment

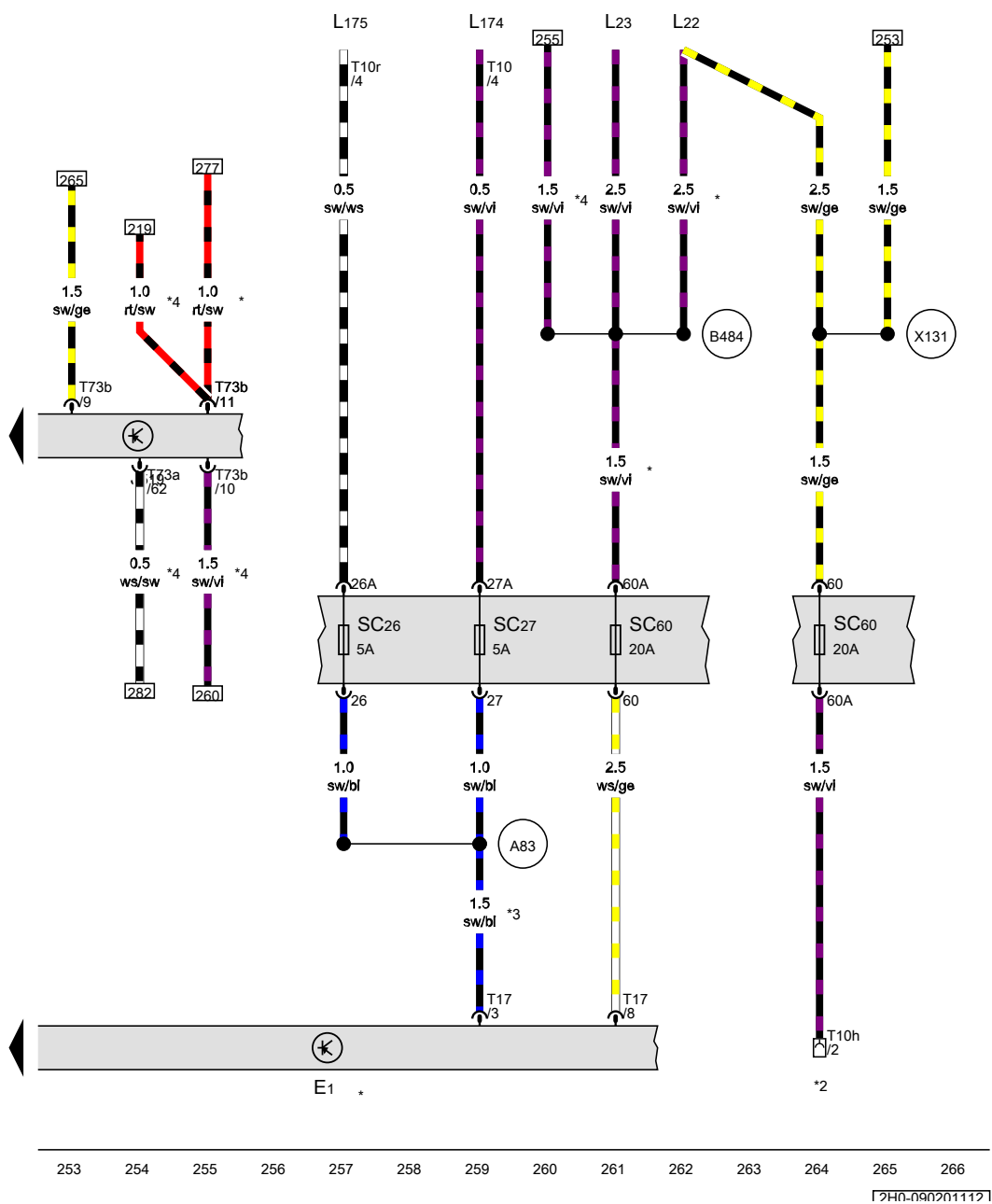
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- or = orange
- rs = pink



Fuse 17 on fuse holder C

- E1 Light switch
- J519 Onboard supply control unit
- M1 Left side light bulb
- M2 Right tail light bulb
- M3 Right side light bulb
- M4 Left tail light bulb
- SC17 Fuse 17 on fuse holder C
- T10h 10-pin connector, purple
- T17 17-pin connector
- T17e 17-pin connector, near handbrake lever, red
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- B473 Connection 9, in main wiring harness
- B474 Connection 10, in main wiring harness
- N3 Connection 2, in headlight range control wiring harness
- * Only models with electric interface for external use
- *2 Only models with no automatic headlight control with coming home
- *3 Only models with automatic driving lights control

Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C



- E1 Light switch
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L23 Right fog light bulb
- L174 Left daytime running light bulb
- L175 Right daytime running light bulb
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- T10 10-pin connector
- T10h 10-pin connector, purple
- T10r 10-pin connector, black
- T17 17-pin connector
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- A83 Connection (daytime running lights), in dash panel wiring harness
- B484 Connection 20, in main wiring harness
- X131 Connection 4, in optional equipment wiring harness
- * Only models with no automatic headlight control with coming home
- *2 Only models with electric interface for external use
- *3 Only models with daytime running lights
- *4 Only models with automatic driving lights control

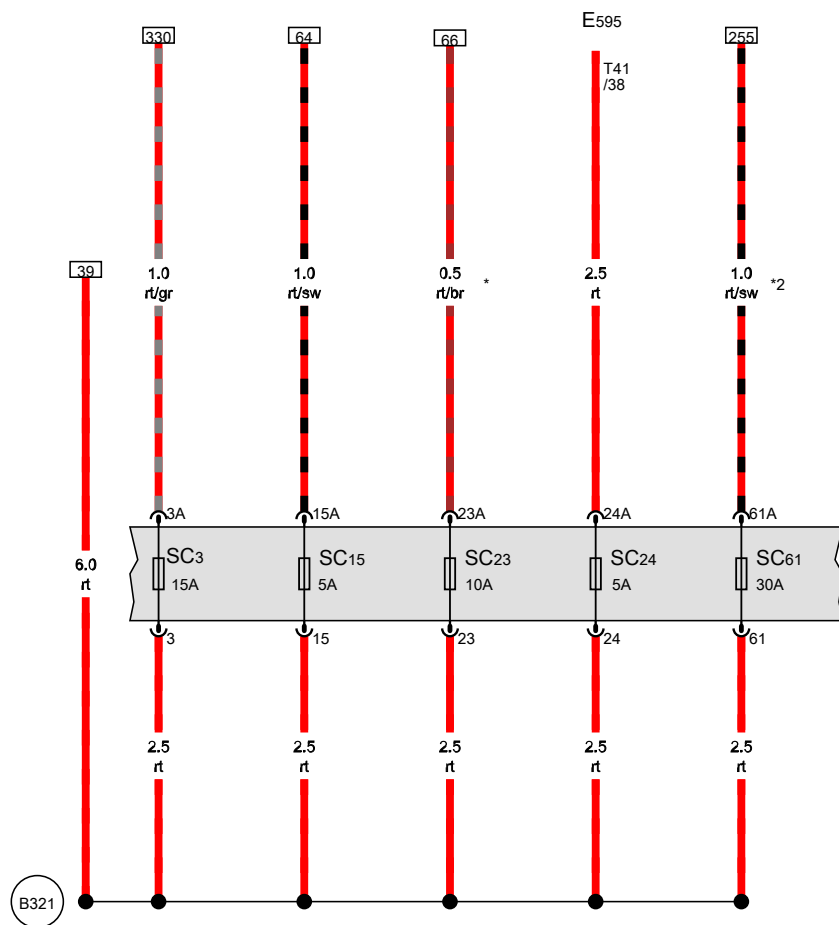
Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 61 on fuse holder C

- E595 Steering column combination switch
- SC3 Fuse 3 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T41 41-pin connector, grey

 Positive connection 7 (30a) in main wiring harness

* see applicable current flow diagram for engine

*2 Only models with no automatic headlight control with coming home



- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- or = orange
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Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC18 Fuse 18 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T8f 8-pin connector, in rear right of engine compartment, black
- T10 10-pin connector
- T10c 10-pin connector, black
- T10h 10-pin connector, purple
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- V5 Washer pump

B475 Connection 11, in main wiring harness

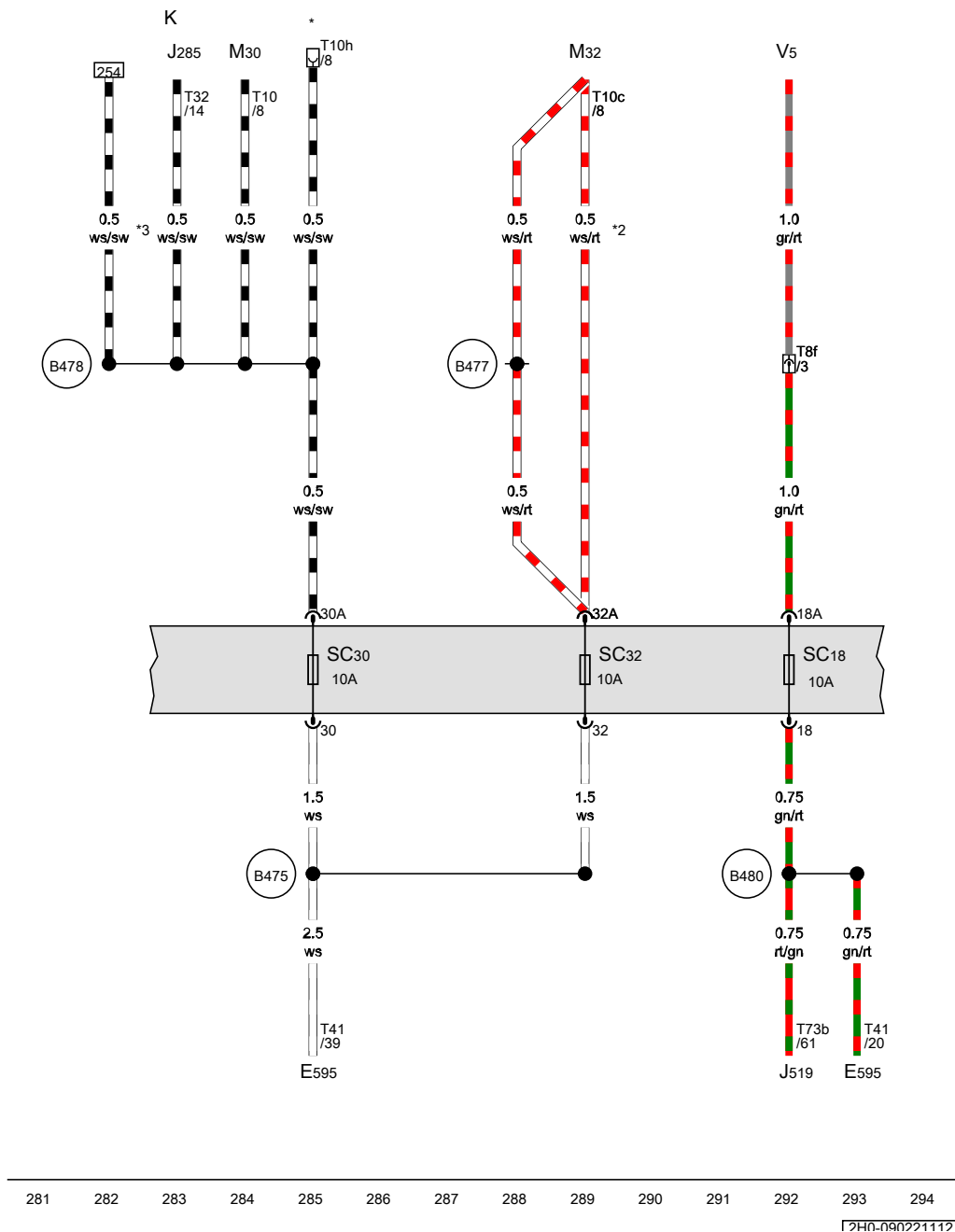
B477 Connection 13, in main wiring harness

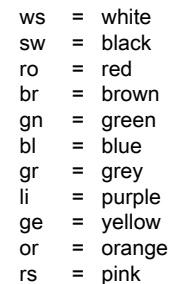
B478 Connection 14, in main wiring harness

B480 Connection 16, in main wiring harness

- * Only models with interface for special functions
- *2 Only models with no electric interface
- *3 Only models with automatic driving lights control

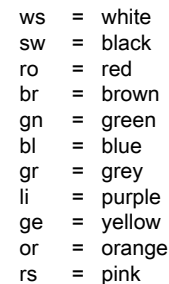
- ws = white
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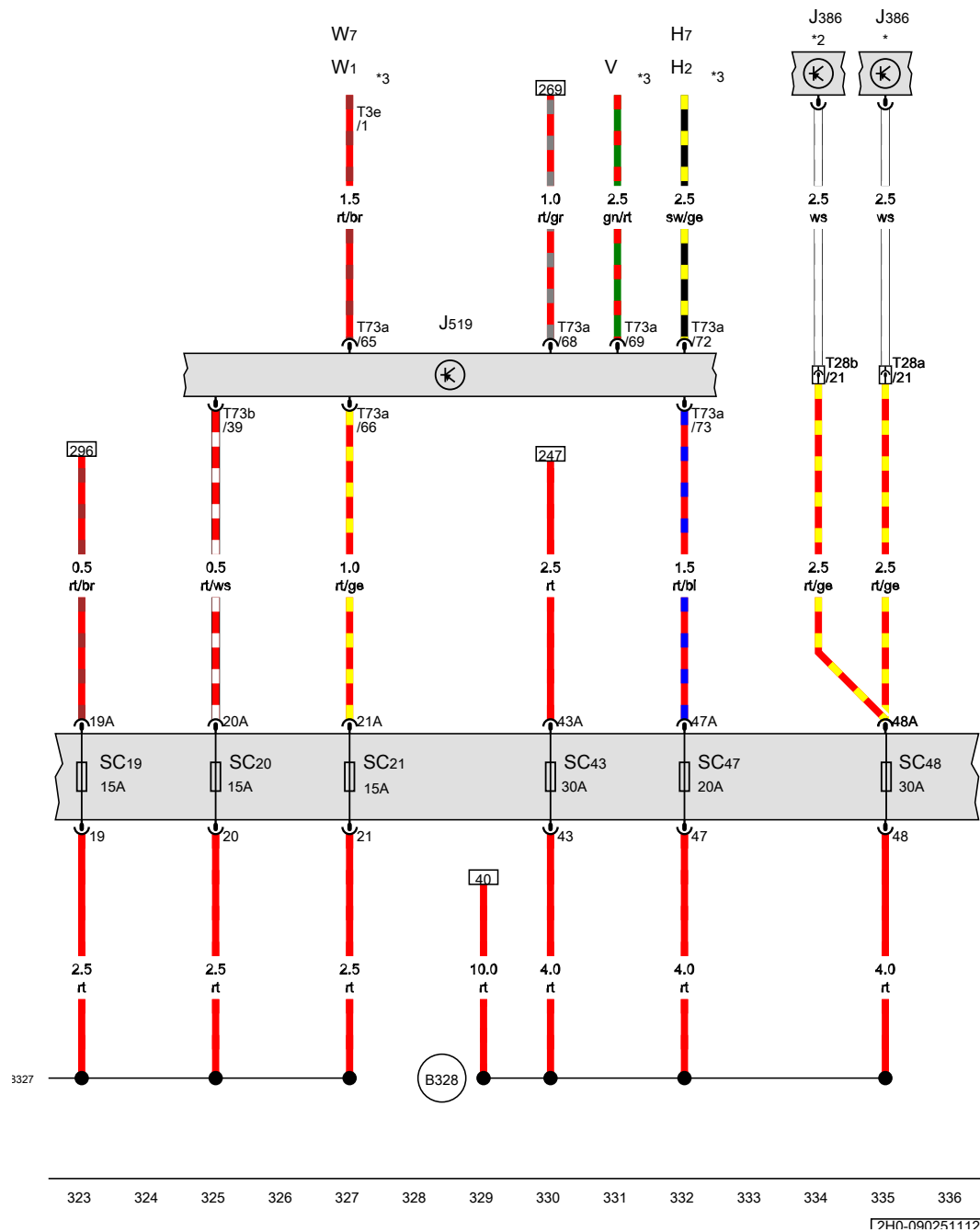


J8	Auxiliary heater relay
J364	Auxiliary heater control unit
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC62	Fuse 62 on fuse holder C
SC65	Fuse 65 on fuse holder C
T17e	17-pin connector, near handbrake lever, red
T28	28-pin connector, on right A-pillar, black
T73	73-pin connector, black
T73b	73-pin connector, colourless
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
W1	Positive connection 1 (54), in rear wiring harness

- * Only models with air conditioning system/ Climatronic
- *2 see applicable current flow diagram for window regulators/ basic equipment/ convenience system
- *3 Only models with Climatronic
- *4 Only models with Climatic
- *5 Only models with no air conditioning system/Climatronic
- *6 see applicable current flow diagram for auxiliary coolant heater



D9	Electronic ignition lock
H12	Alarm horn
J345	Trailer detector control unit
J895	Control unit for vehicle location system
SC8	Fuse 8 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
T12	12-pin connector, red
T17h	17-pin connector, on left under dash panel, blue
B318	Positive connection 4 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness



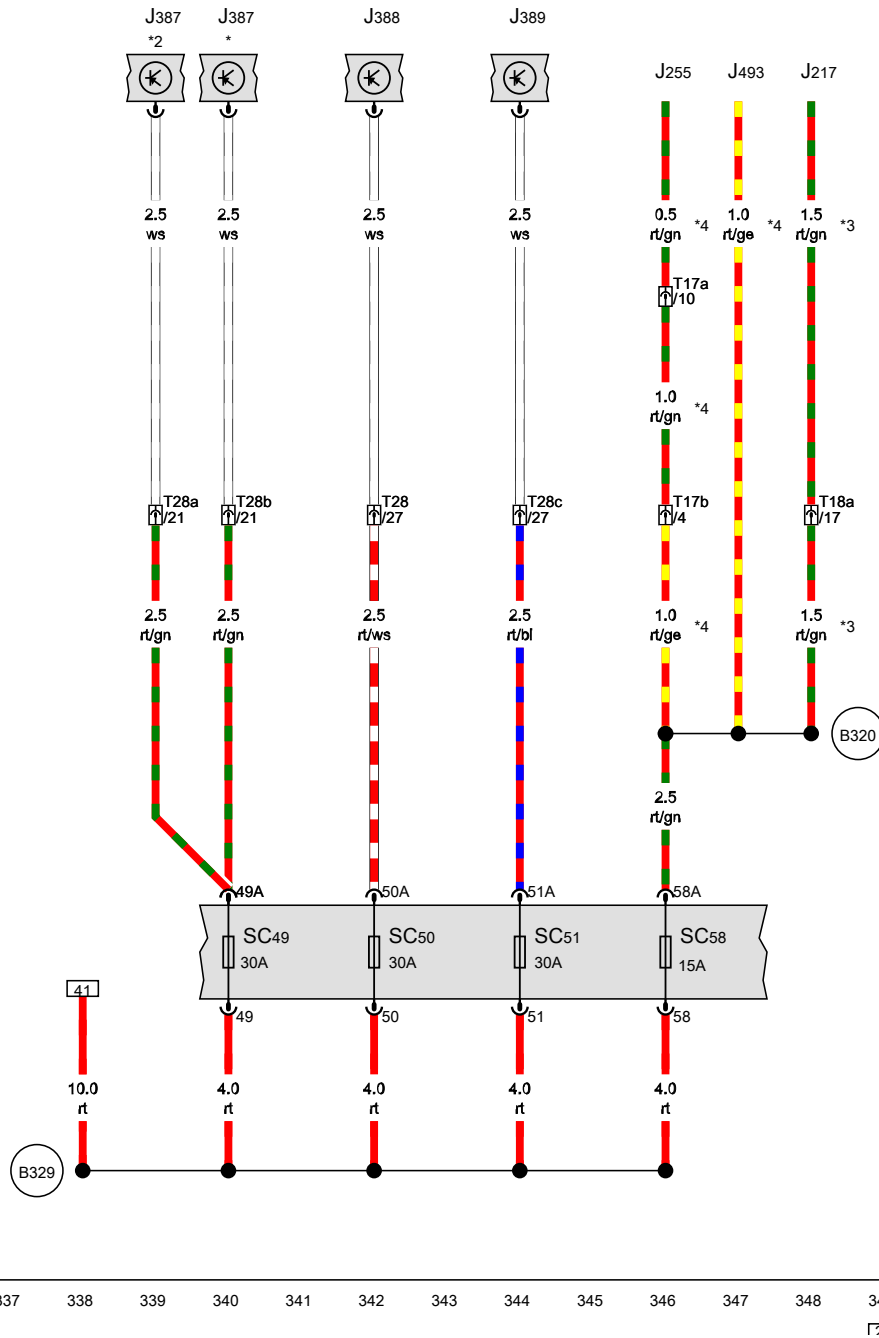
Fuse 19 on fuse holder C, Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J519 Onboard supply control unit
- SC19 Fuse 19 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T3e 3-pin connector
- T28a 28-pin connector, in left A-pillar, black
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor
- W1 Front interior light
- W7 Centre interior light
- B327 Positive connection 13 (30a) in main wiring harness
- B328 Positive connection 14 (30a) in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 see applicable current flow diagram for basic equipment

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

Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

- J217 Automatic gearbox control unit
- J255 Climatronic control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J493 Auxiliary coolant heater relay
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T17a 17-pin connector, on left under dash panel, green
- T17b 17-pin connector, on left under dash panel, green
- T18a 18-pin connector, near engine control unit, grey
- T28 28-pin connector, on right A-pillar, black
- T28a 28-pin connector, in left A-pillar, black
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector, black
- B320 Positive connection 6 (30a) in main wiring harness
- B329 Positive connection 15 (30a) in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with automatic gearbox
- *4 see applicable current flow diagram for air conditioning



ws = white
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 gr = grey
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Voltage supply relay 2, Fuse 54 on fuse holder C, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

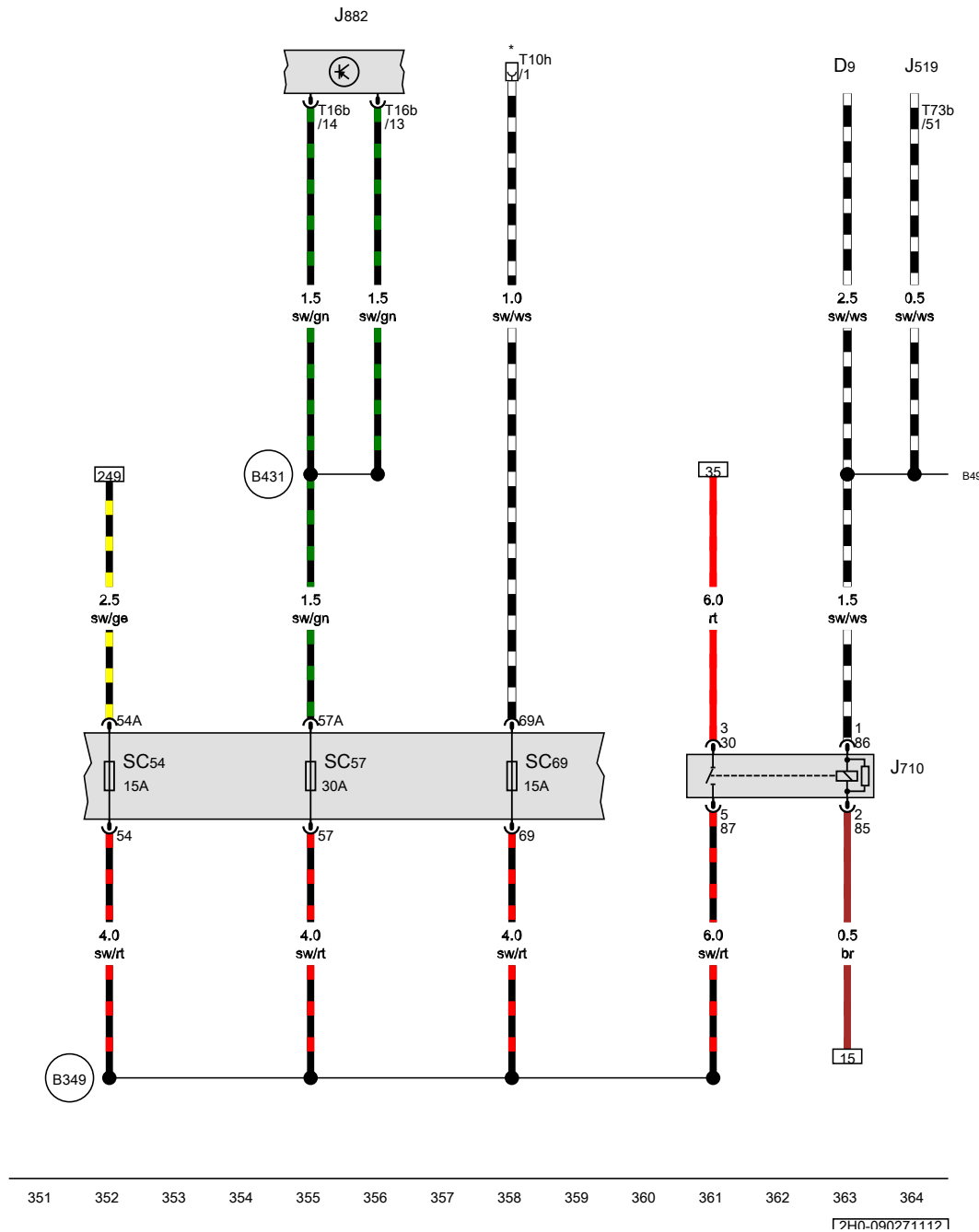
- D9 Electronic ignition lock
- J519 Onboard supply control unit
- J710 Voltage supply relay 2
- J882 Seat heating control unit
- SC54 Fuse 54 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC69 Fuse 69 on fuse holder C
- T10h 10-pin connector, purple
- T16b 16-pin connector, black
- T73b 73-pin connector, colourless

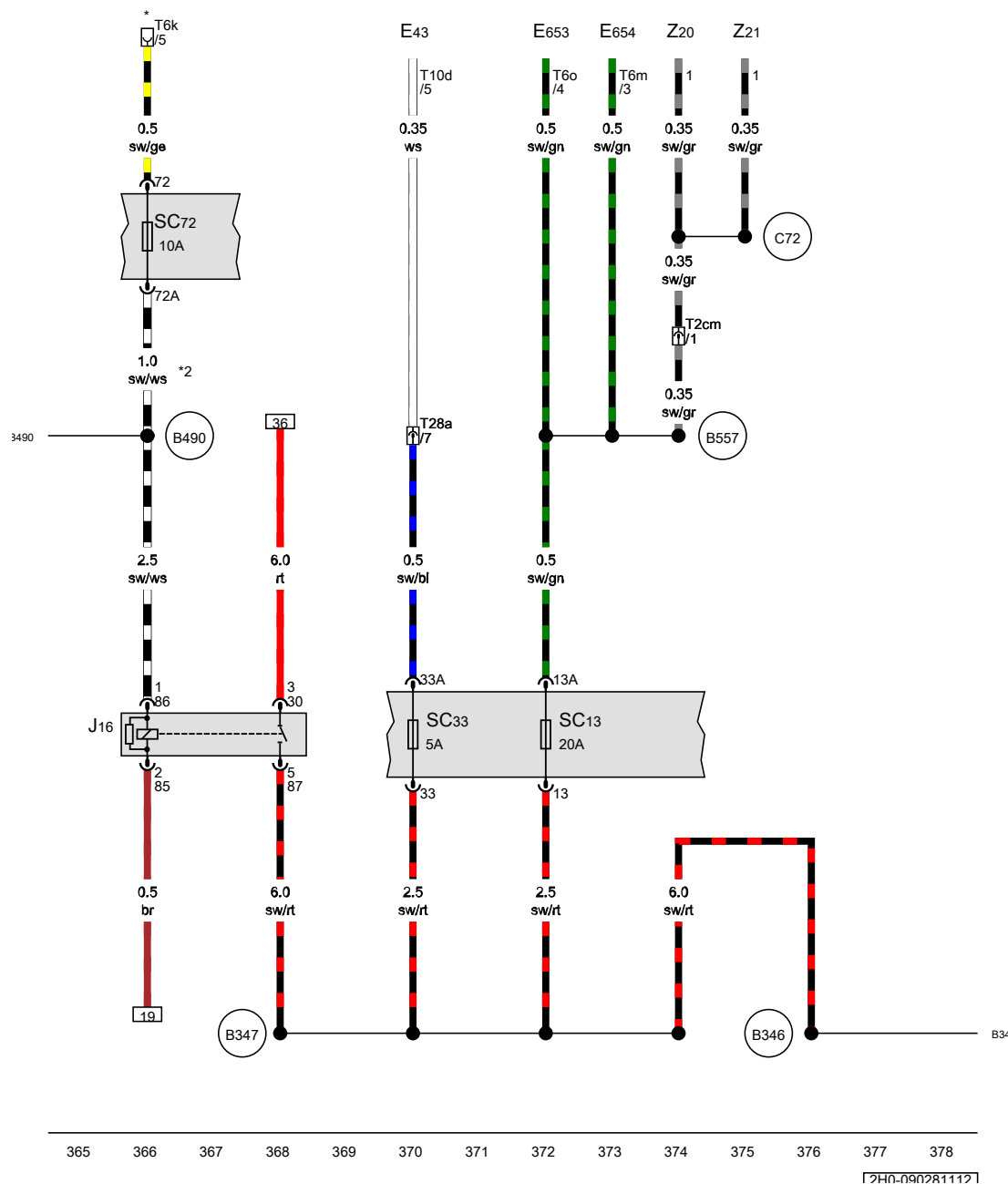
B349 Connection 2 (75a), in main wiring harness

B431 Connection (seat heating), in main wiring harness

B490 Connection 26, in main wiring harness

* Only models with electric interface for external use





Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 72 on fuse holder C

- E43 Mirror adjustment switch
- E653 Button for left seat heating
- E654 Button for right seat heating
- J16 Current supply relay
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC72 Fuse 72 on fuse holder C
- T2cm 2-pin connector, near window wiper motor, black
- T6k 6-pin connector, in left footwell, near centre console, black
- T6m 6-pin connector, white
- T6o 6-pin connector, blue
- T10d 10-pin connector
- T28a 28-pin connector, in left A-pillar, black
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

B346 Connection 1 (75), in main wiring harness

B347 Connection 2 (75), in main wiring harness

B490 Connection 26, in main wiring harness

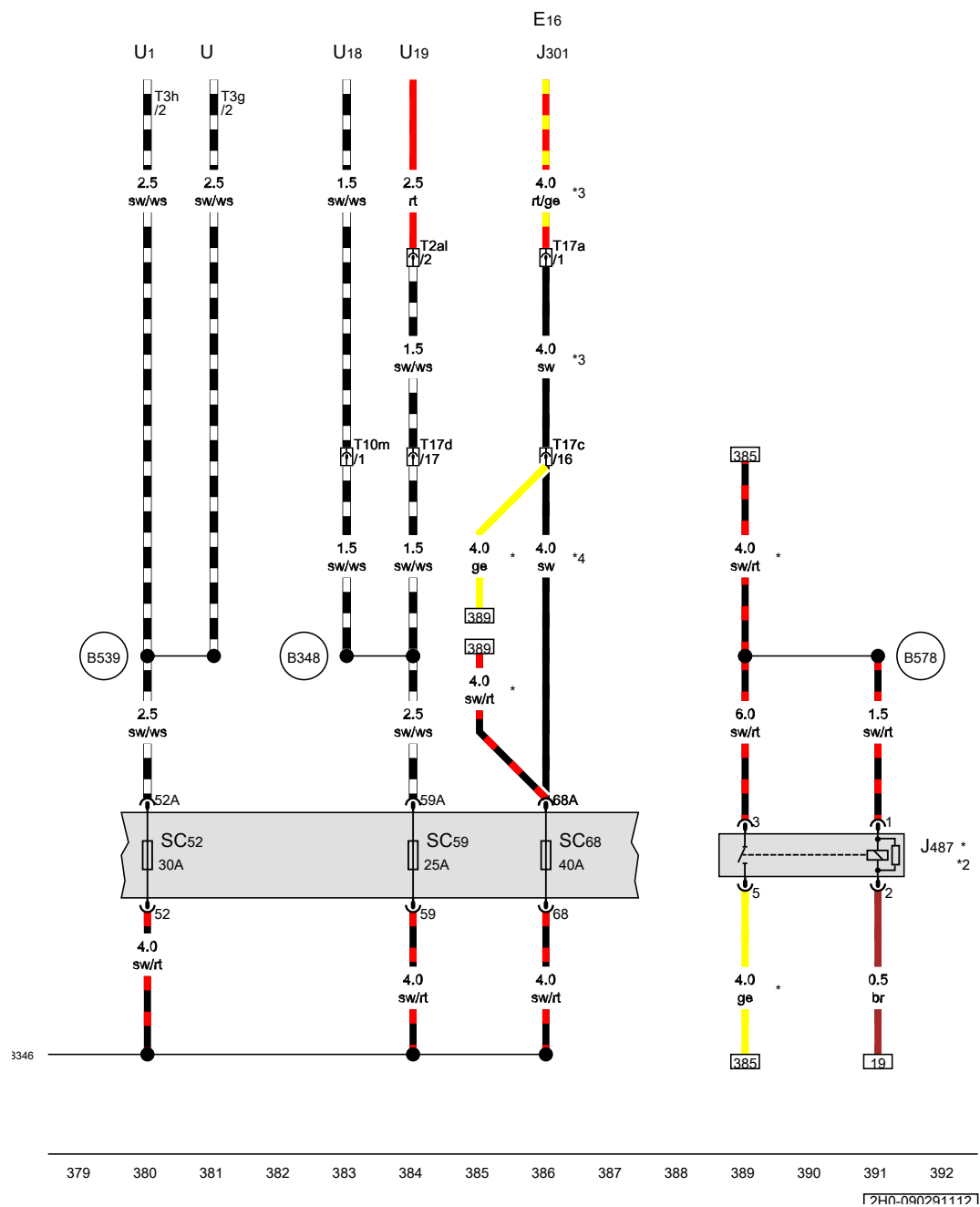
B557 Positive connection 21 (30a) in main wiring harness

C72 Positive connection in heated washer jet wiring harness

* Only models with electric interface for external use

*2 Only models with fog lights

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Fuse 52 on fuse holder C, Fuse 59 on fuse holder C, Fuse 68 on fuse holder C

- E16 Heater/heat output switch
- J301 Air conditioning system control unit
- J487 Fresh air blower isolation relay
- SC52 Fuse 52 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing
- T3g 3-pin connector
- T3h 3-pin connector, transparent
- T10m 10-pin connector, near handbrake lever, brown
- T17a 17-pin connector, on left under dash panel, green
- T17c 17-pin connector, on left under dash panel, white
- T17d 17-pin connector, on left under dash panel, green
- U Electric socket, on centre console switch module
- U1 Cigarette lighter, on centre console switch module
- U18 12 V socket 2, in storage compartment, in centre of dash panel
- U19 12 V socket 3, in rear left wheel housing

B346 Connection 1 (75), in main wiring harness

B348 Connection 1 (75a), in main wiring harness

B539 Connection 30, in main wiring harness

B578 Positive connection 2 (75), in interior wiring harness

- * Only models with auxiliary coolant heater
- *2 Only models with Climatic
- *3 see applicable current flow diagram
- *4 Only models with no Climatronic

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- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
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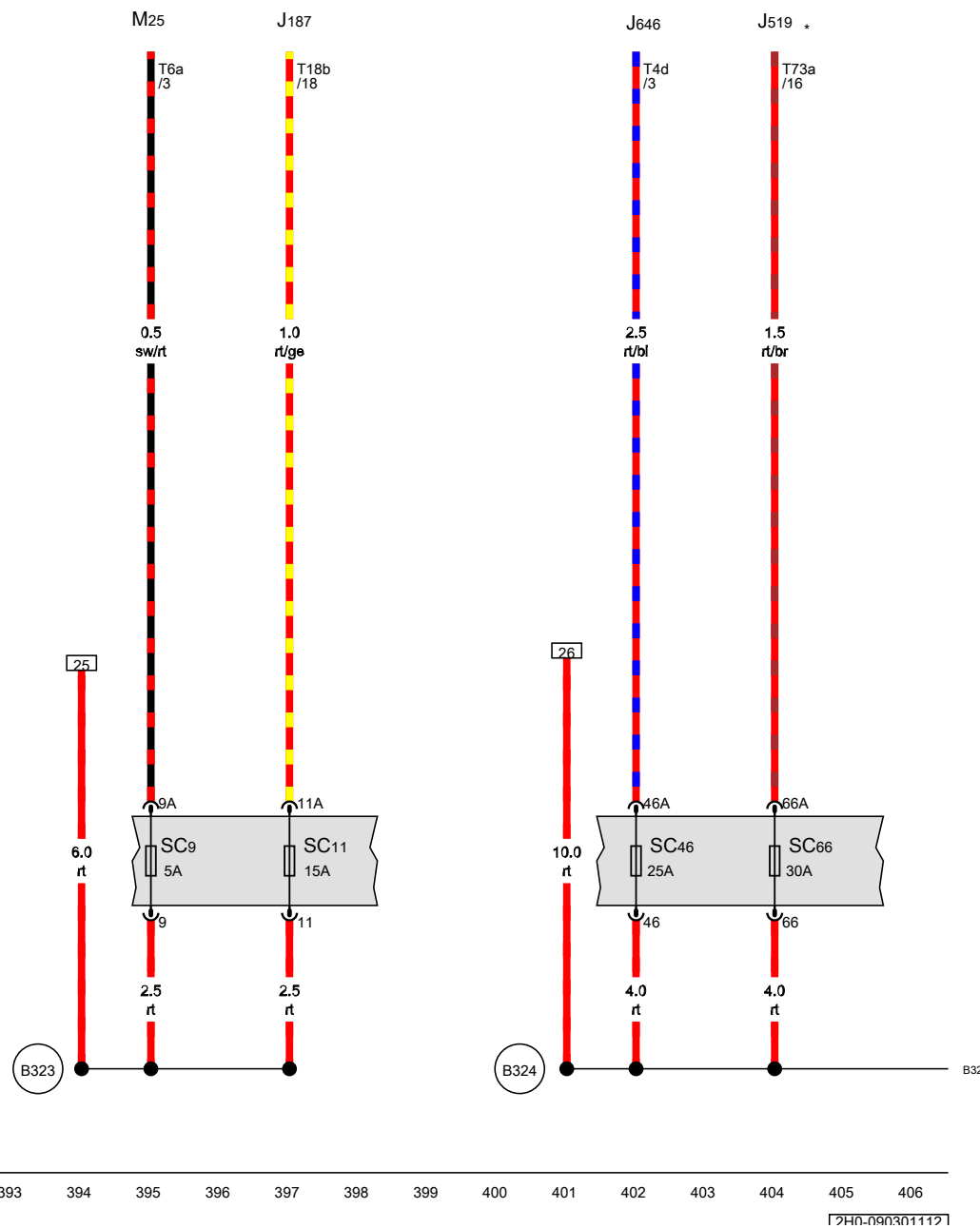
Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 46 on fuse holder C, Fuse 66 on fuse holder C

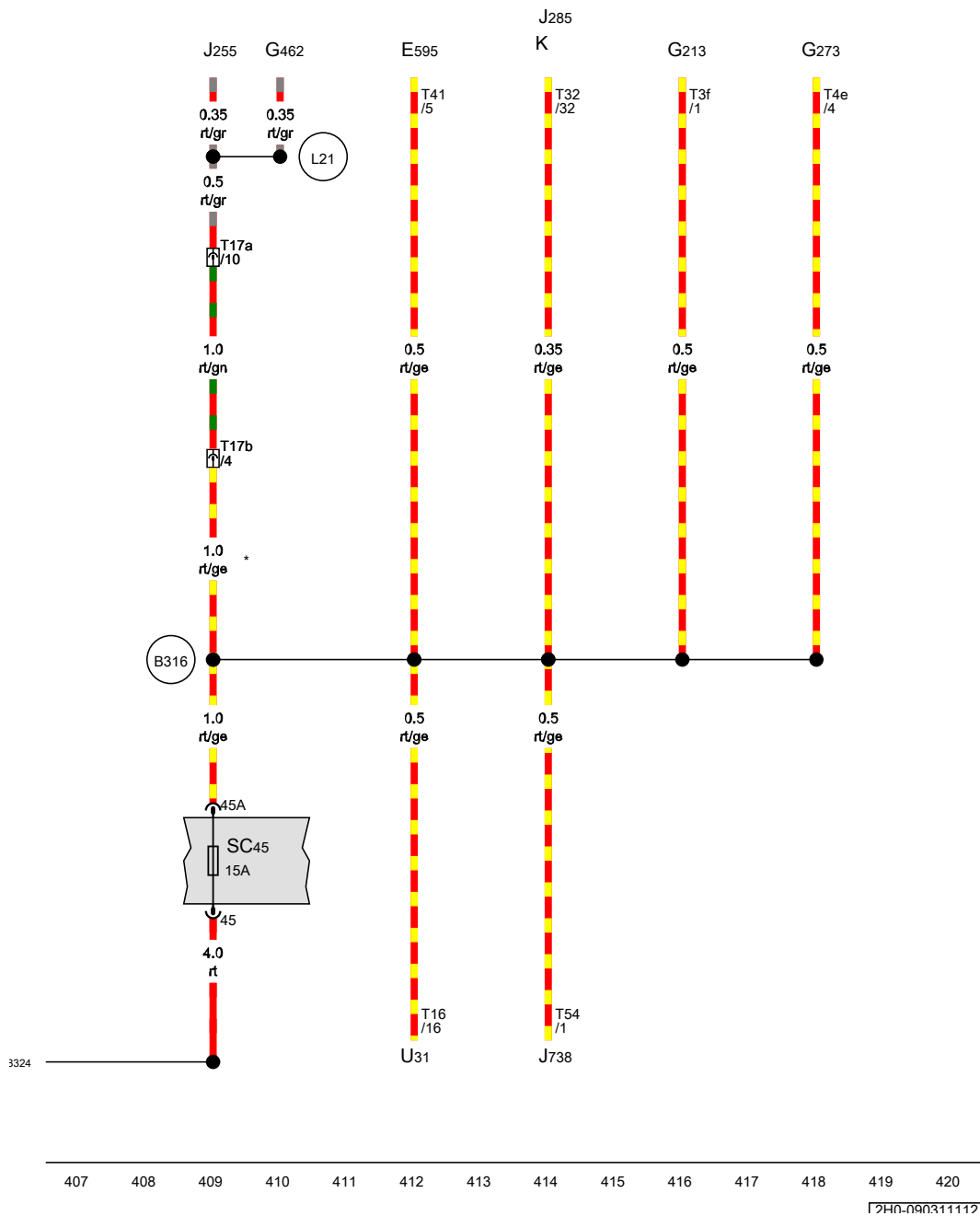
- J187 Differential lock control unit
- J519 Onboard supply control unit
- J646 Transfer box control unit
- M25 Additional brake light bulb
- SC9 Fuse 9 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- SC66 Fuse 66 on fuse holder C
- T4d 4-pin connector
- T6a 6-pin connector
- T18b 18-pin connector, black
- T73a 73-pin connector, black

B323 Positive connection 9 (30a) in main wiring harness

B324 Positive connection 10 (30a) in main wiring harness

* see applicable current flow diagram for basic equipment/ central locking





Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Diagnostic connection

- E595 Steering column combination switch
- G213 Rain sensor
- G273 Interior monitoring sensor
- G462 Sender for front Bitron blower regulation
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J738 Telephone controls control unit
- K Dash panel insert
- SC45 Fuse 45 on fuse holder C
- T3f 3-pin connector, black
- T4e 4-pin connector
- T16 16-pin connector, black
- T17a 17-pin connector, on left under dash panel, green
- T17b 17-pin connector, on left under dash panel, green
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T54 54-pin connector
- U31 Diagnostic connection

- B316 Positive connection 2 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness
- L21 Connection 1 (30), in Climatronic operating unit wiring harness

* Only models with Climatronic

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Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

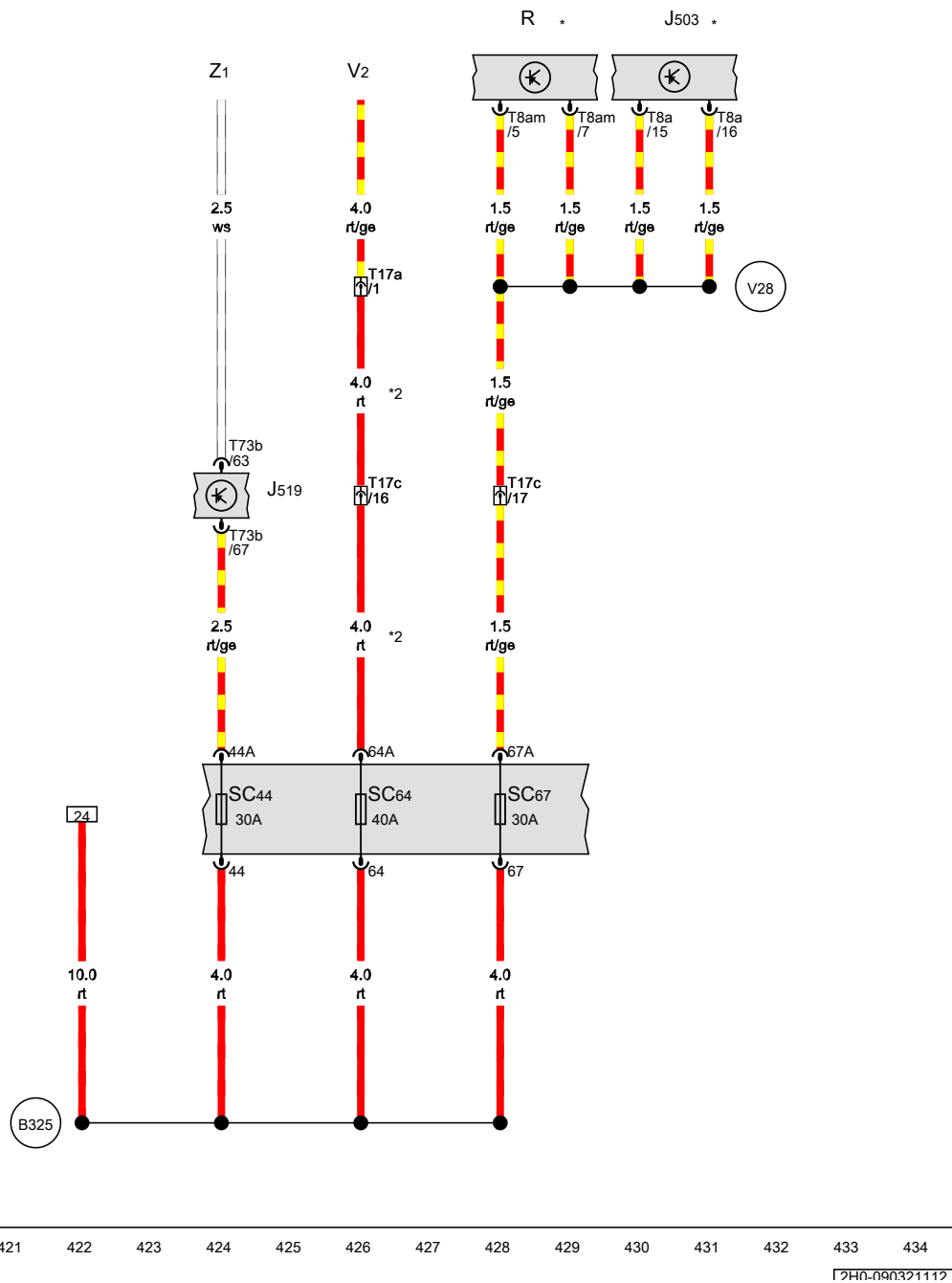
- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- R Radio
- SC44 Fuse 44 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T8am 8-pin connector, black
- T17a 17-pin connector, on left under dash panel, green
- T17c 17-pin connector, on left under dash panel, black
- T73b 73-pin connector, colourless
- V2 Fresh air blower
- Z1 Heated rear window

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

V28 Connection 1, in radio wiring harness

* According to equipment

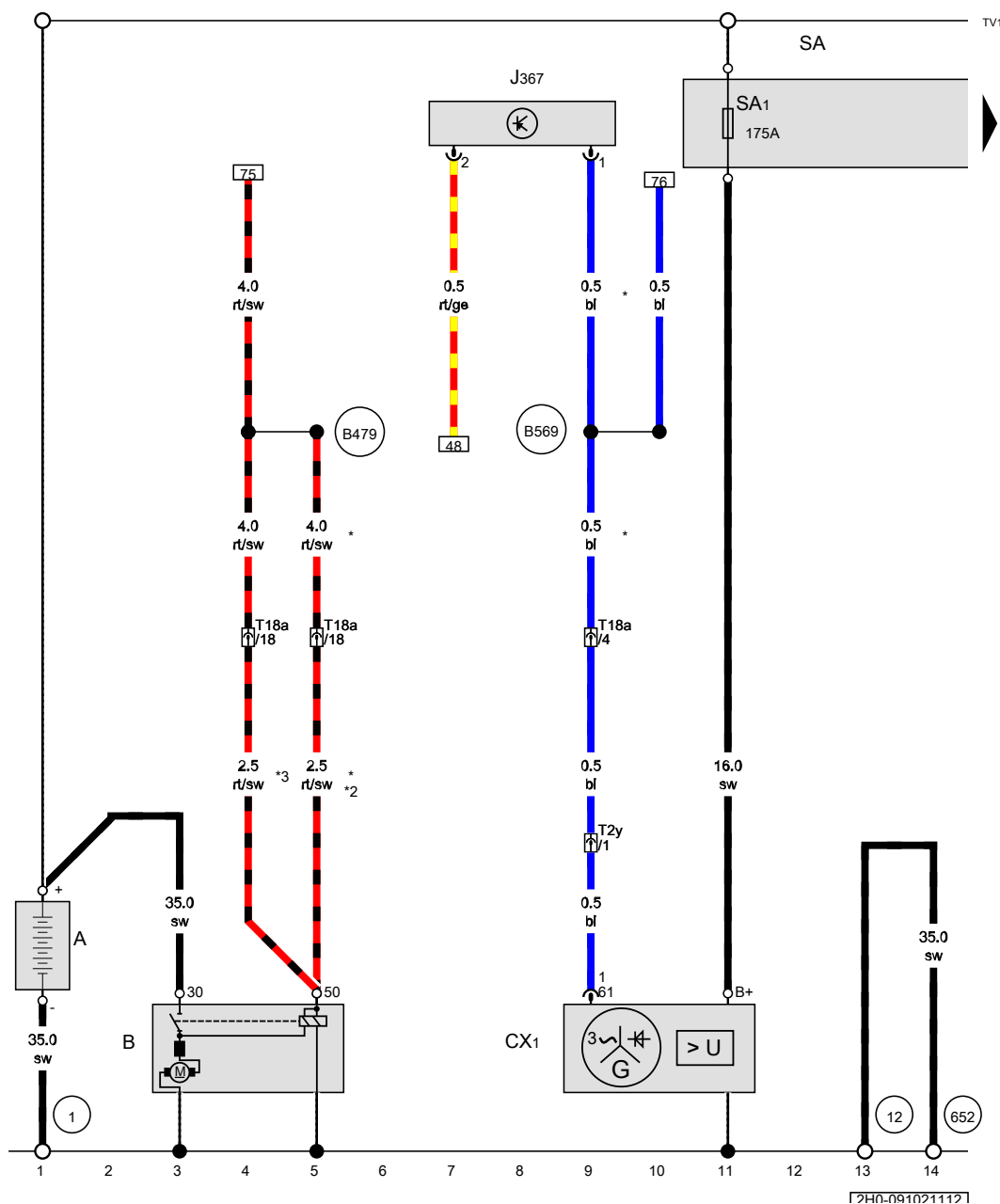
*2 Only models with Climatronic



Fuse assignment for models with start/stop system , (7L6)

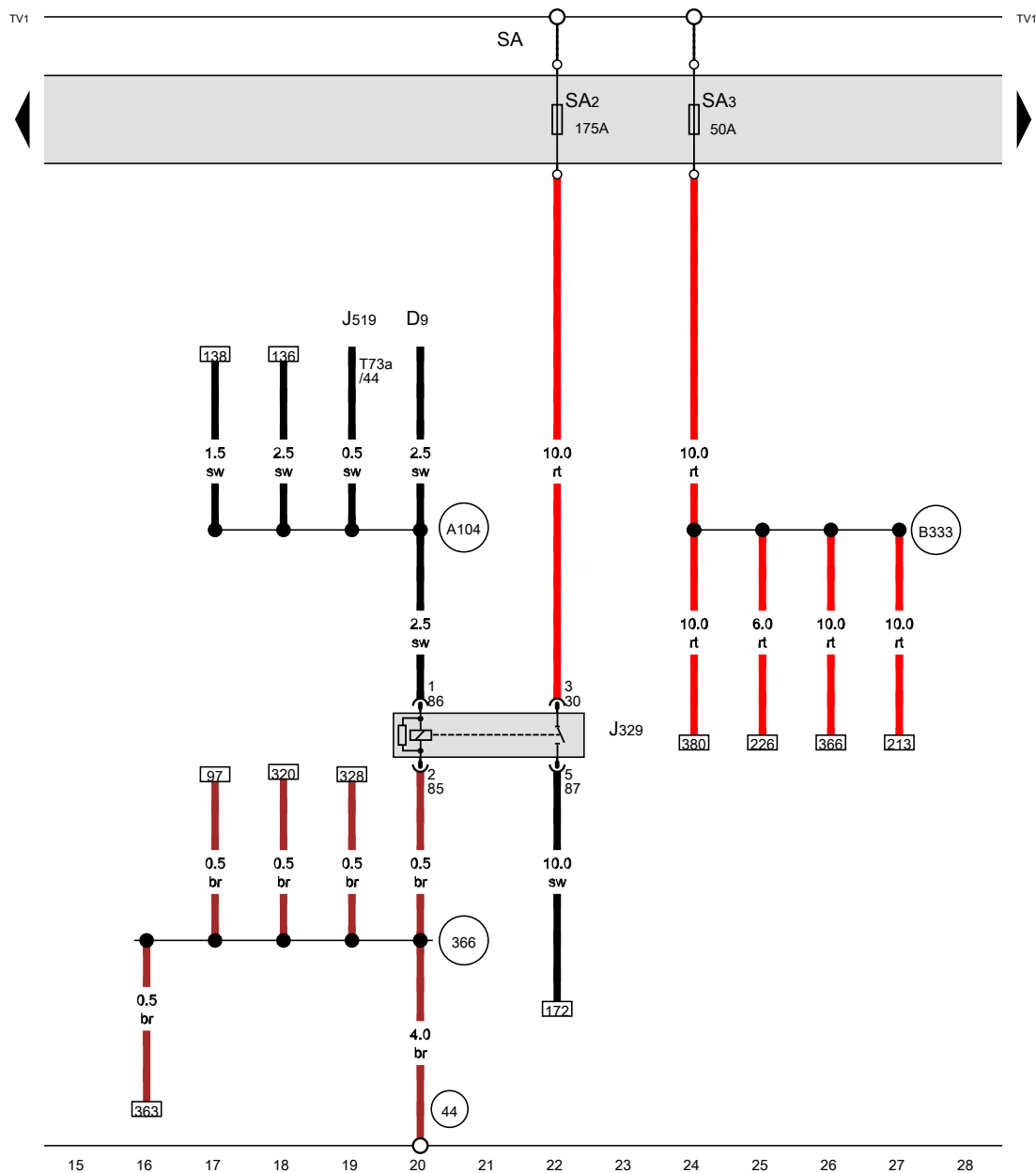
From January 2013

Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2y	2-pin connector, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B479	Connection 15, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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rs = pink



Terminal 15 voltage supply relay, Fuse holder A

- D9 Electronic ignition lock
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA Fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- T73a 73-pin connector

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B333 Positive connection 19 (30a) in main wiring harness

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**Automatic glow period control unit, Fuse holder A, Fuse 38
on fuse holder C, Radiator fan**

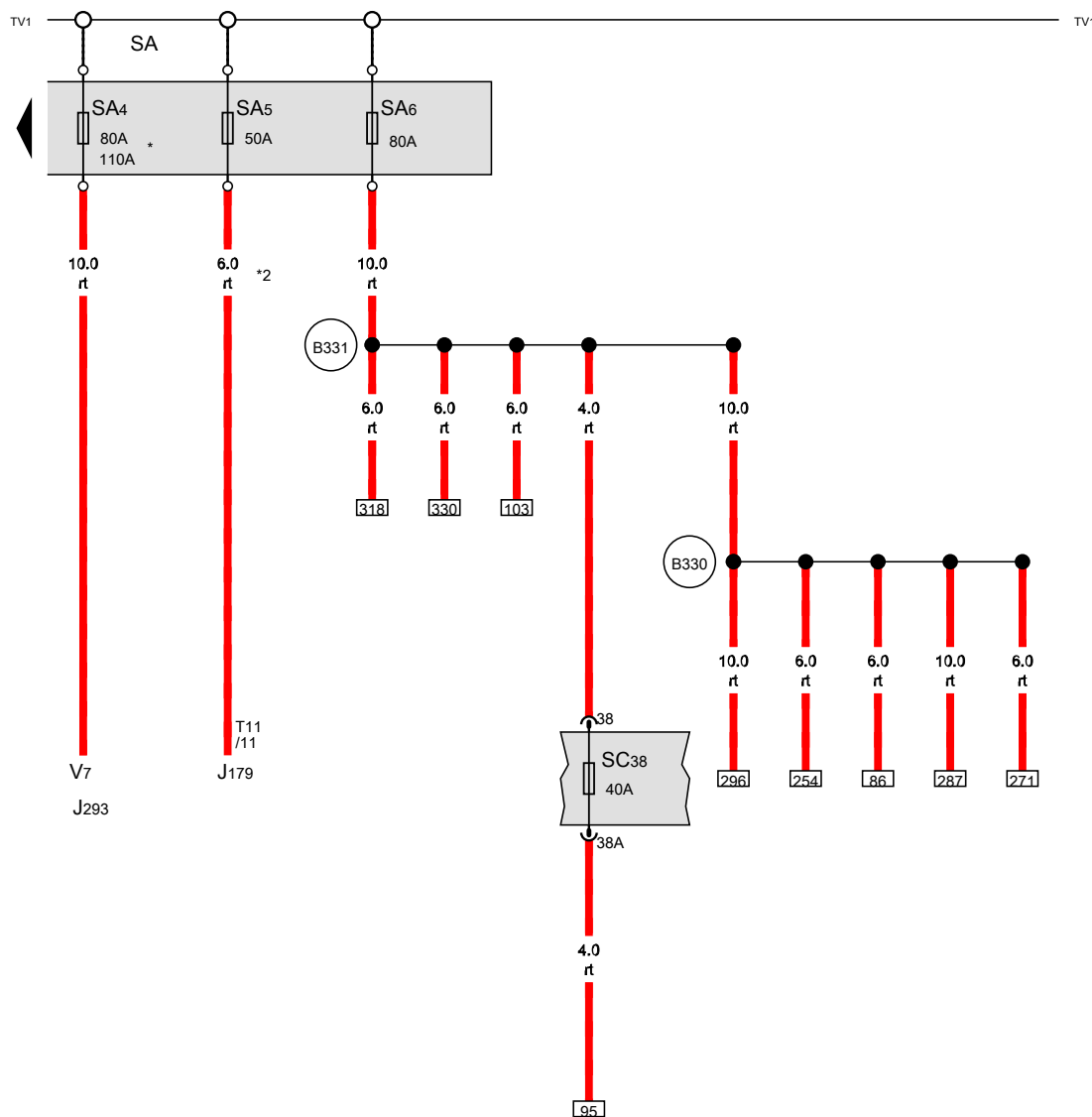
J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan

(B330) Positive connection 16 (30a) in main wiring harness

(B331) Positive connection 17 (30a) in main wiring harness

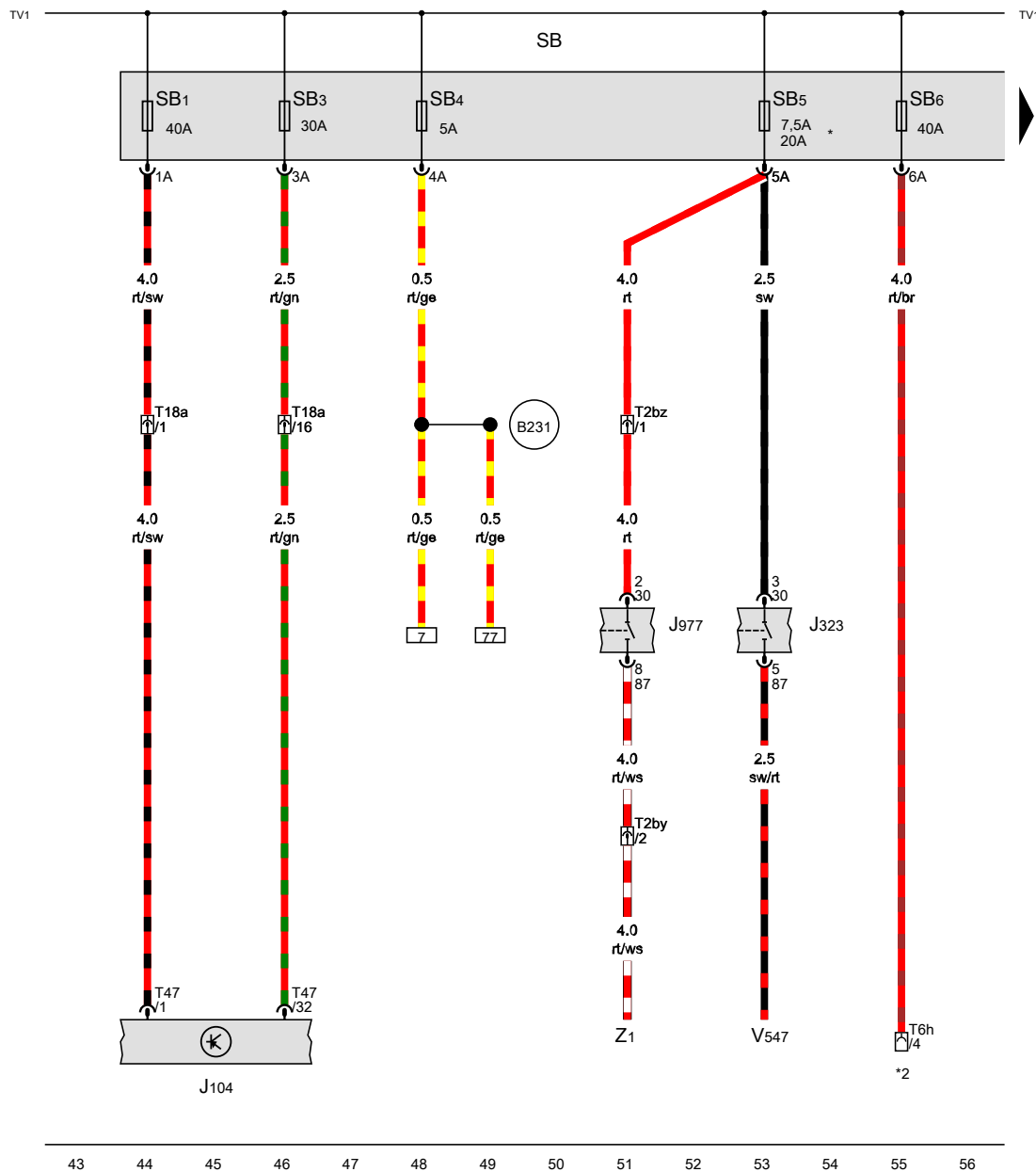
* According to equipment

*2 Only models with diesel engine



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ro = red
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gn = green
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gr = grey
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ge = yellow
or = orange
rs = pink

ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



- J104 ABS control unit
- J323 Blower relay
- J977 Terminal 30 relay
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2by 2-pin connector
- T2bz 2-pin connector
- T6h 6-pin connector, in left footwell, near centre console, grey
- T18a 18-pin connector, near engine control unit, grey
- T47 47-pin connector, black
- V547 Air supply blower
- Z1 Heated rear window

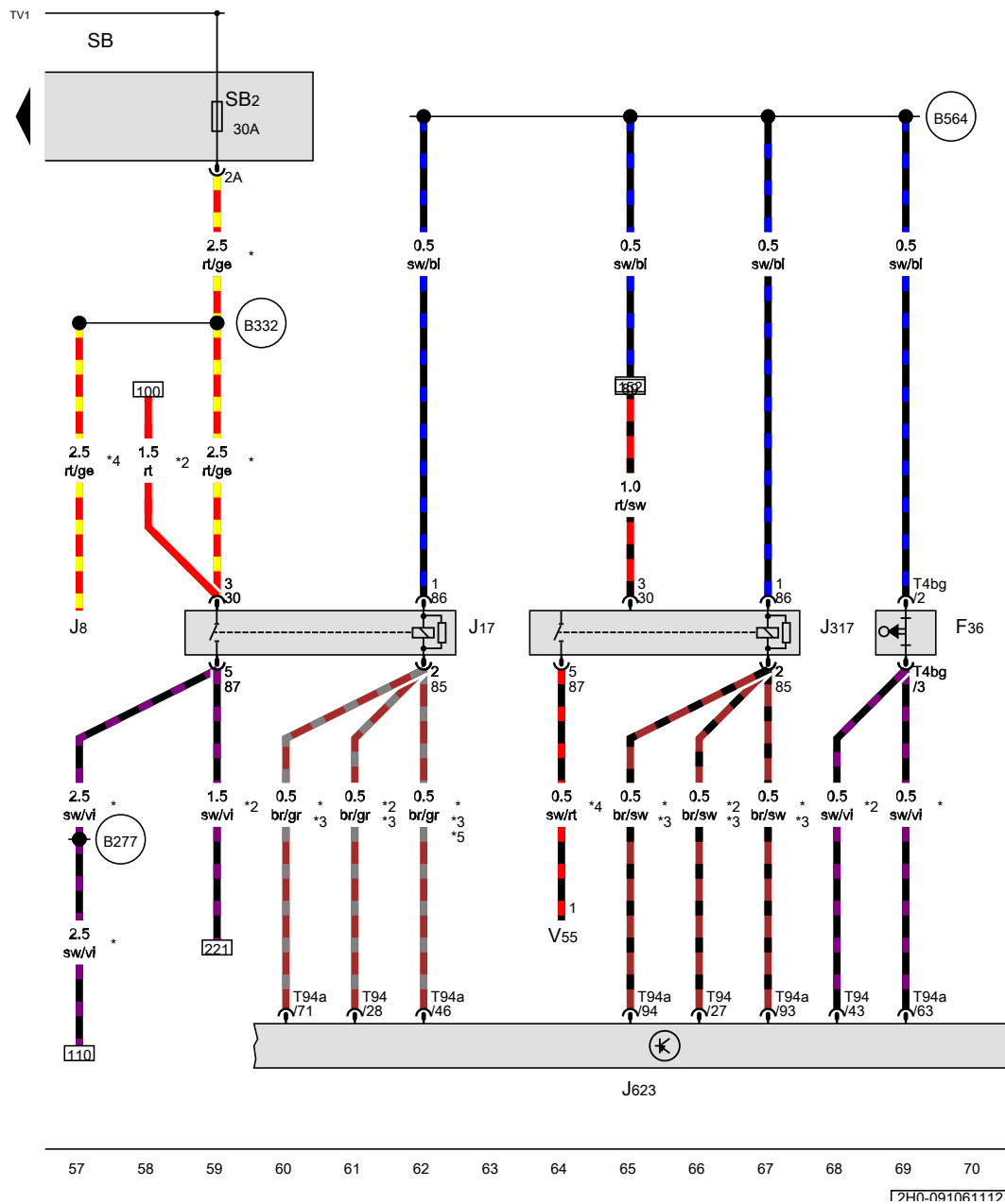
B231 Positive connection 5 (30a), in interior wiring harness

* According to equipment

*2 Only models with electric interface for external use

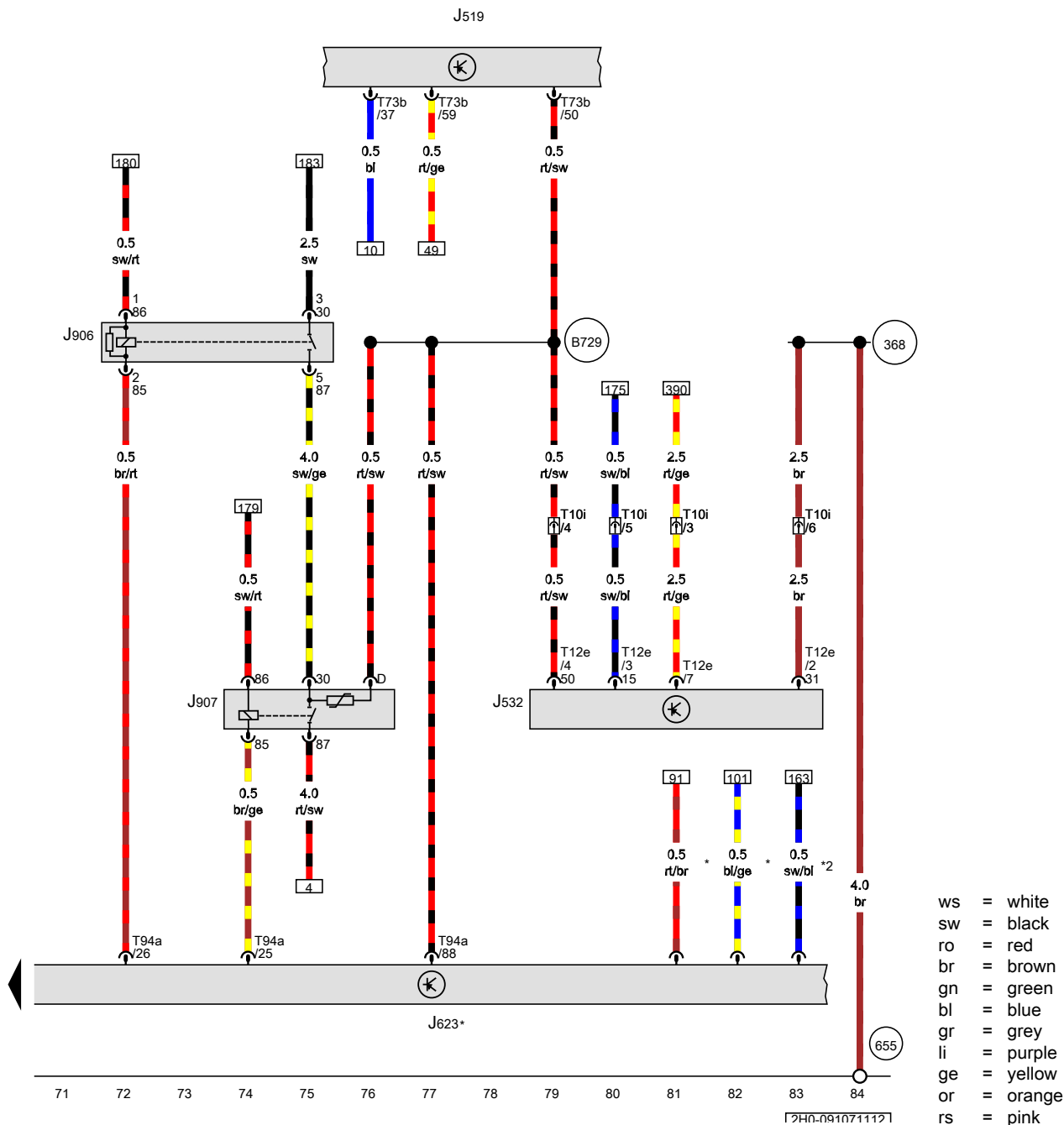
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12H0-0910511121



Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

- F36 Clutch pedal switch
- J8 Auxiliary heater relay
- J17 Fuel pump relay
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- T4bg 4-pin connector, black
- T94 94-pin connector, black
- T94a 94-pin connector, black
- V55 Circulation pump
- B277 Positive connection 1 (15a) in main wiring harness
- B332 Positive connection 18 (30a) in main wiring harness
- B564 Connection 31, in main wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 see applicable current flow diagram for auxiliary coolant heater
- *5 Slot assignment, with no cruise control system (CCS)



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

- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- T10i 10-pin connector, near battery, black
- T12e 12-pin connector, black
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black

368 Earth connection 3, in main wiring harness

655 Earth point, on left headlight

B729 Connection 1 (50), in main wiring harness

* see applicable current flow diagram for engine

*2 Only models with diesel engine

Headlight relay, Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C

- E595 Steering column combination switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC3 Fuse 3 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T41 41-pin connector
- T73a 73-pin connector, black

B167 Connection (56b), in interior wiring harness

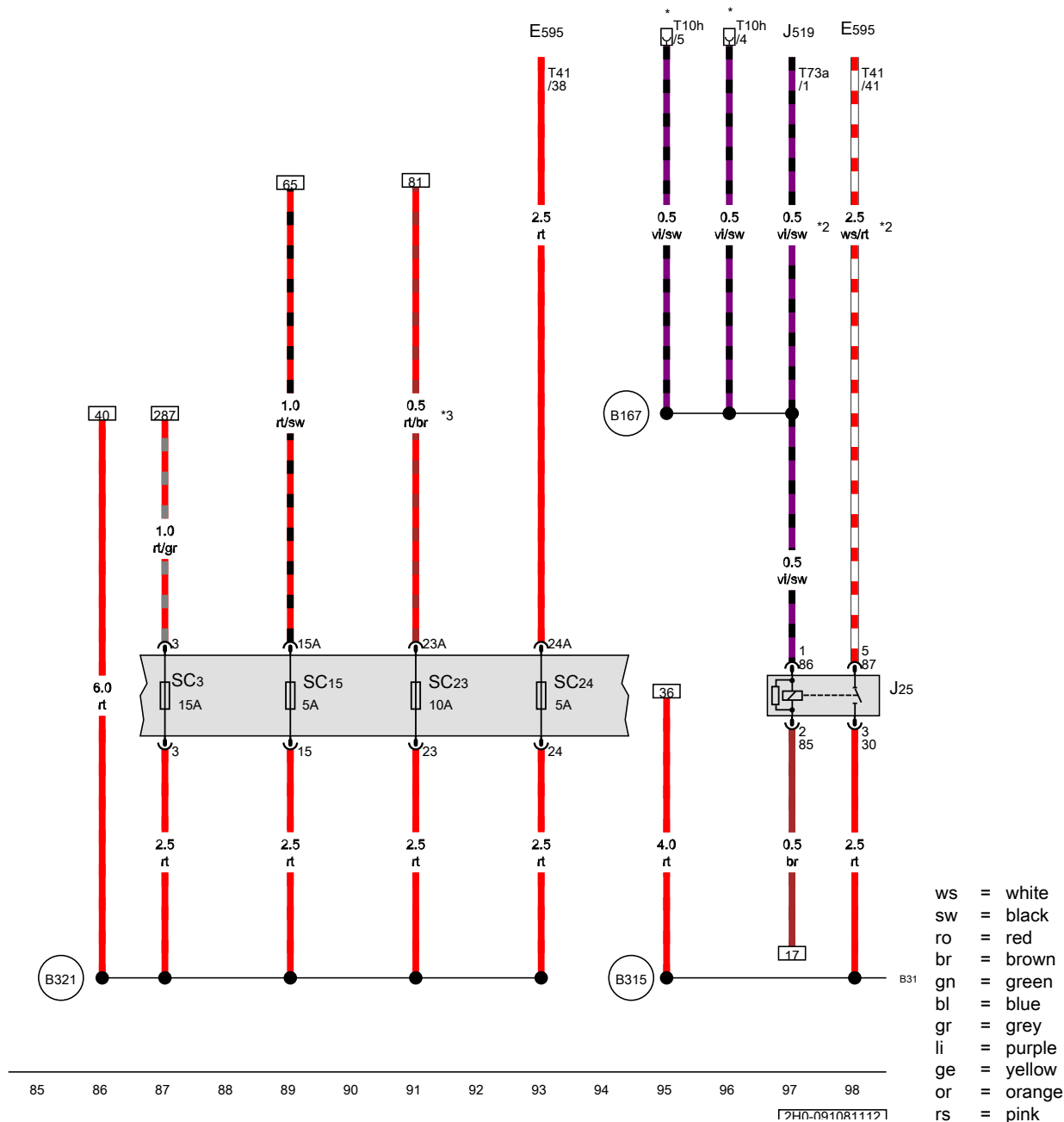
B315 Positive connection 1 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

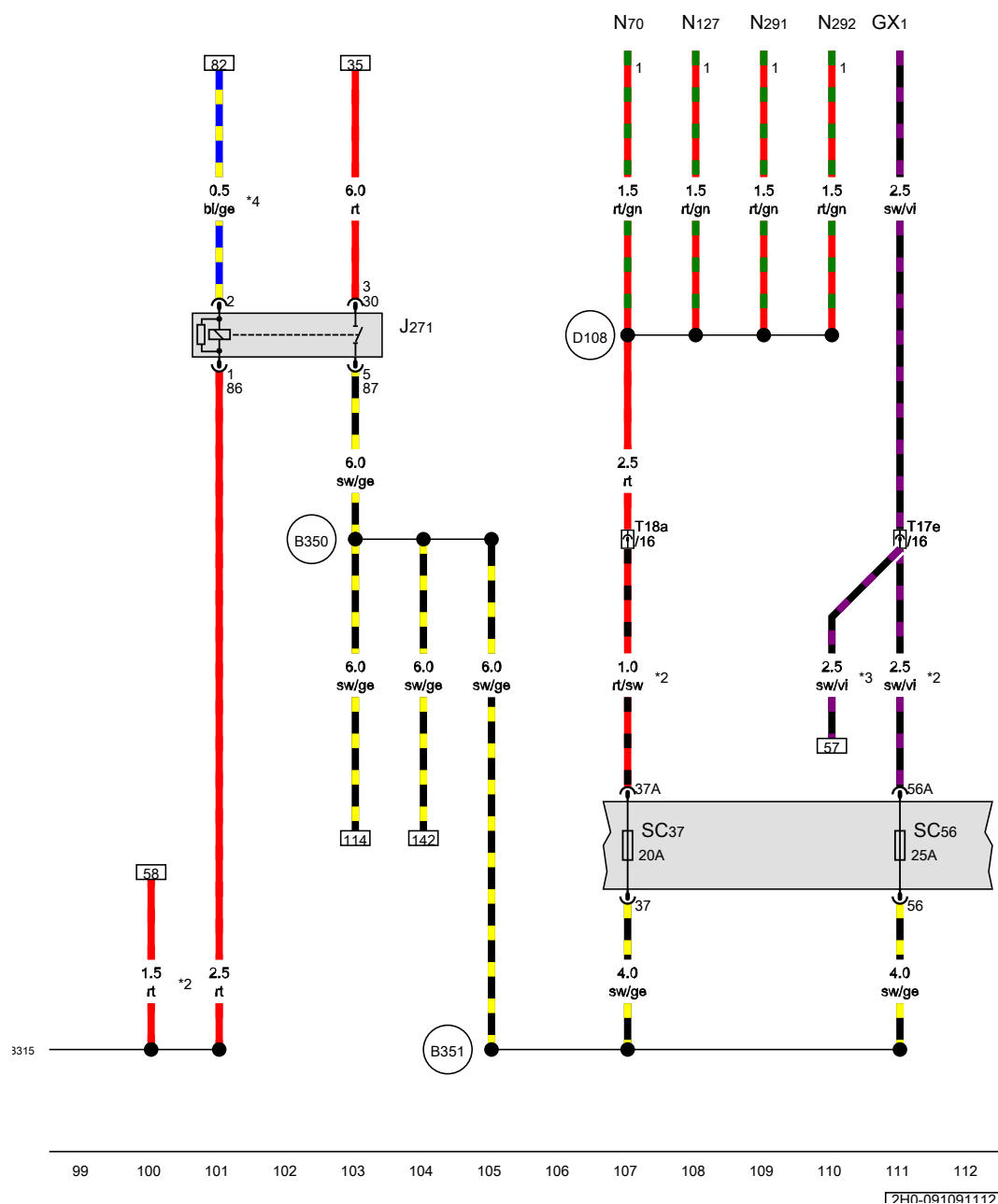
* Only models with electric interface for external use

*2 Only models with automatic driving lights control

*3 see applicable current flow diagram for engine



Main relay, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C



- GX1 Fuel delivery unit, on fuel tank
- J271 Main relay
- 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
- SC37 Fuse 37 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T17e 17-pin connector, near handbrake lever, blue
- T18a 18-pin connector, near engine control unit, black

- B315 Positive connection 1 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- D108 Connection 6 in engine compartment wiring harness

- * Only models with automatic driving lights control
- *2 Only models with petrol engine
- *3 Only models with diesel engine
- *4 see applicable current flow diagram for engine

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

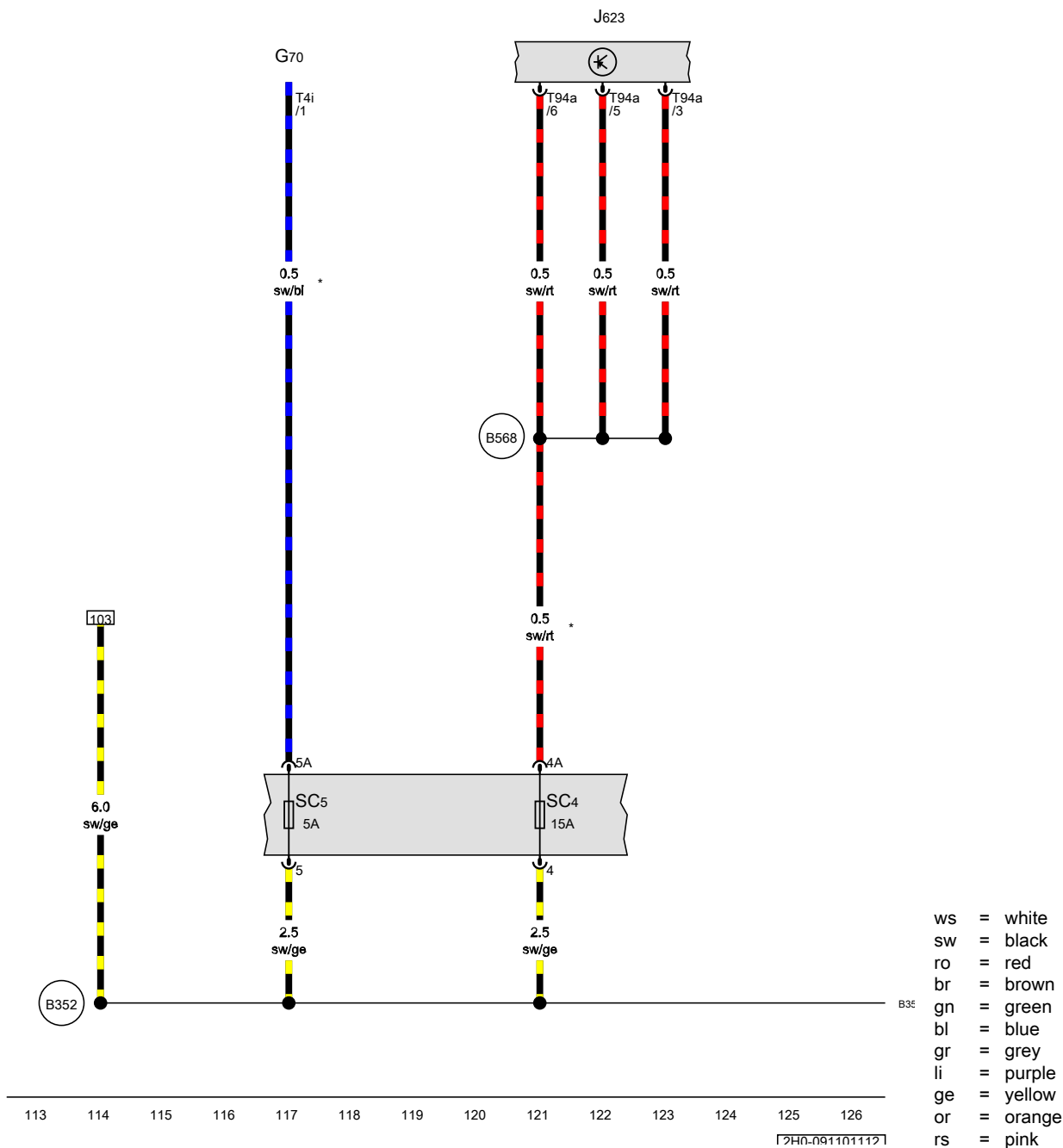
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

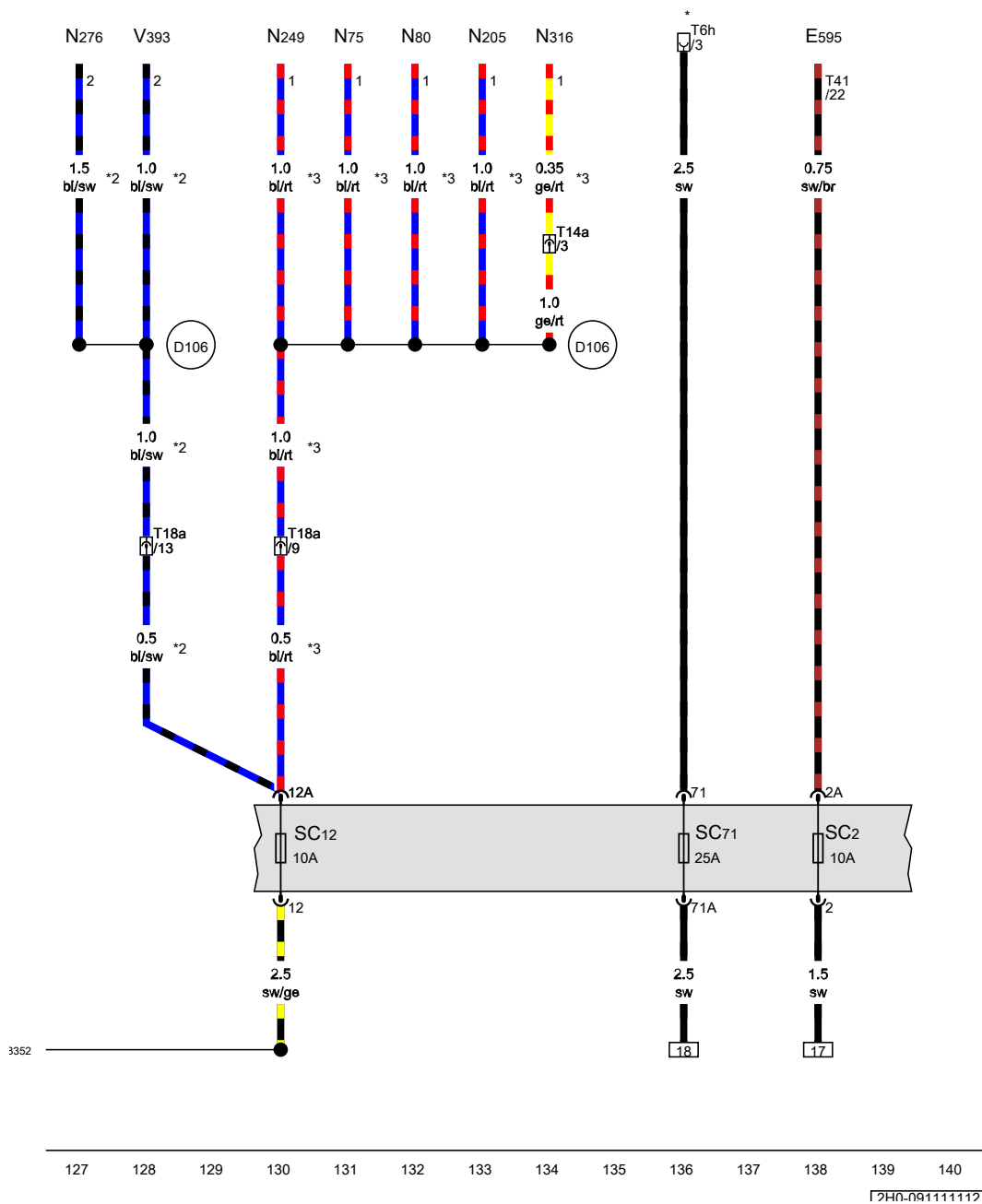
- G70 Air mass meter
- J623 Engine control unit
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T94a 94-pin connector, black

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

(B568) Connection 35, in main wiring harness

* Only models with diesel engine





Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

- E595 Steering column combination switch
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N316 Intake manifold flap valve
- SC2 Fuse 2 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC71 Fuse 71 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console, grey
- T14a 14-pin connector, front left in engine compartment
- T18a 18-pin connector, near engine control unit, black
- T41 41-pin connector, grey
- V393 Supplementary fuel pump

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

D106 Connection 4 in engine compartment wiring harness

- * Only models with electric interface for external use
- *2 Only models with diesel engine
- *3 Only models with petrol engine

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

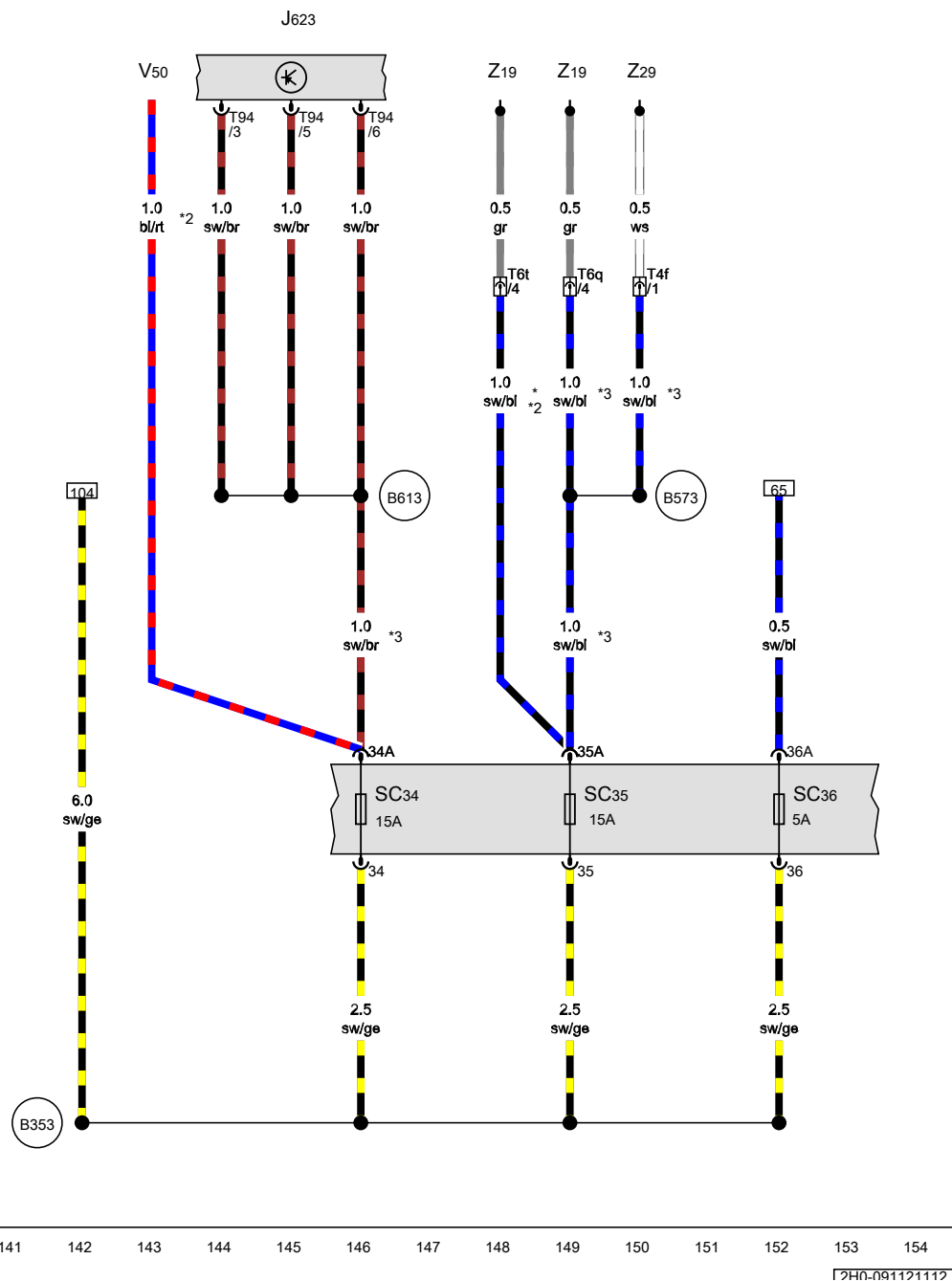
- J623 Engine control unit
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4f 4-pin connector, front right in engine compartment, black
- T6q 6-pin connector, front right in engine compartment, black
- T6t 6-pin connector, front right in engine compartment, black
- T94 94-pin connector, black
- V50 Coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

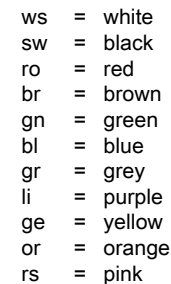
B353 Positive connection 4 (87a) in main wiring harness

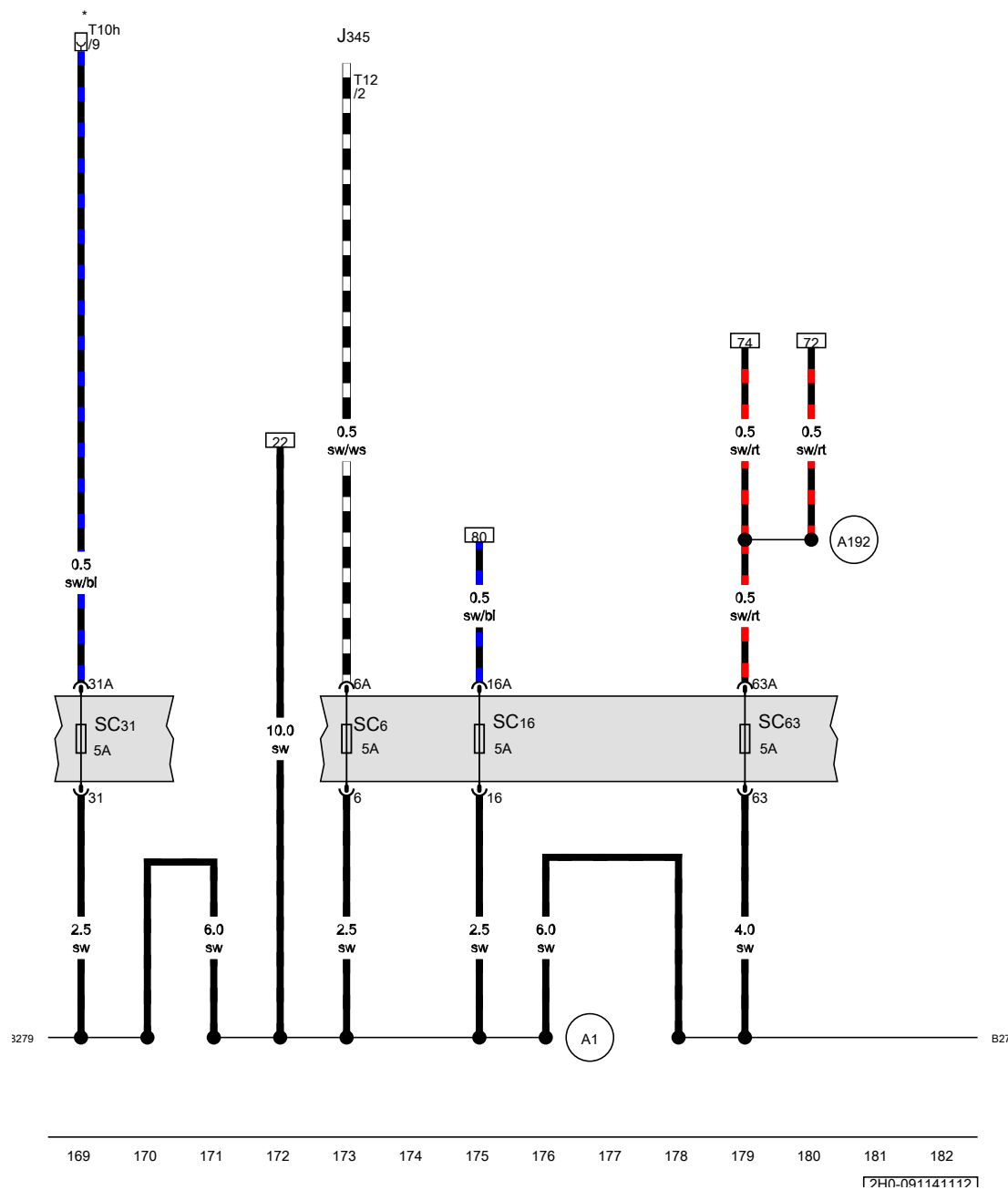
B573 Connection 40, in main wiring harness

B613 Connection 41, in main wiring harness

- * Only models with Euro 5 emission standard
- *2 Only models with diesel engine
- *3 Only models with petrol engine



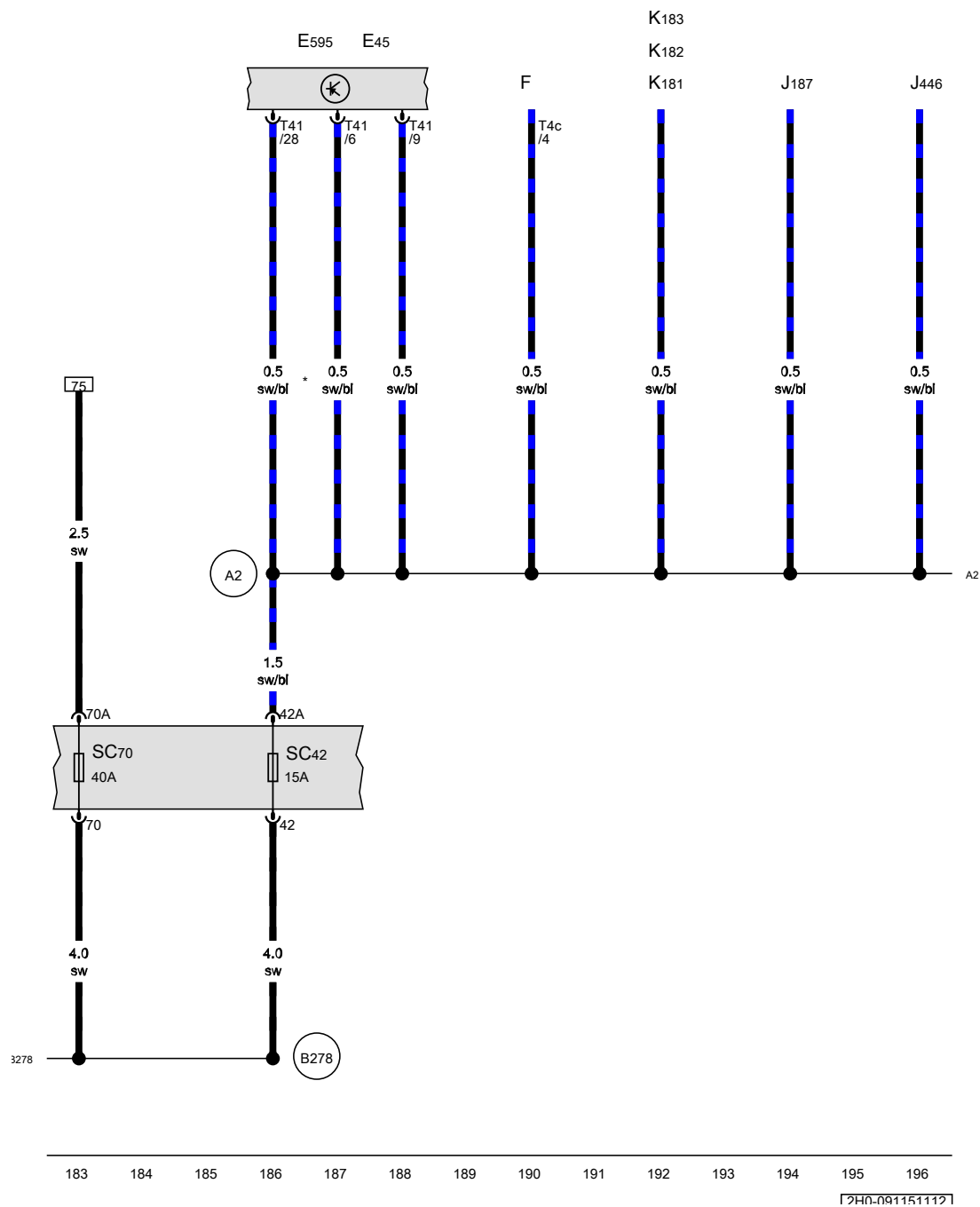




Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 31 on fuse holder C, Fuse 63 on fuse holder C

- J345 Trailer detector control unit
- SC6 Fuse 6 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T12 12-pin connector, red

- A1 Positive connection (30a), in dash panel wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- * Only models with electric interface for external use



Brake light switch, Fuse 42 on fuse holder C

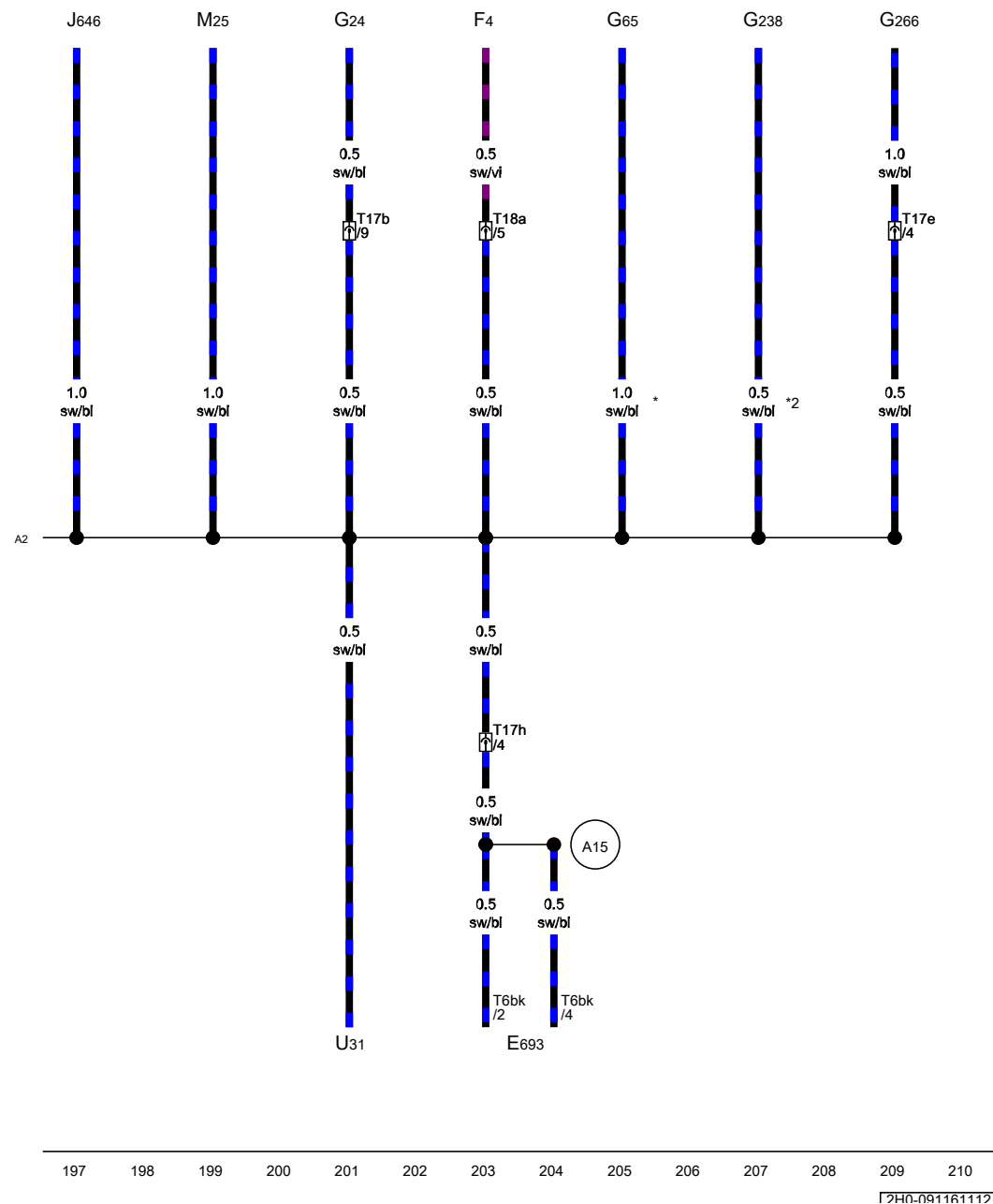
- E45 Cruise control system switch
- E595 Steering column combination switch
- F Brake light switch
- J187 Differential lock control unit
- J446 Parking aid control unit
- K181 Normal operation warning lamp in transfer box operating unit
- K182 Reduction gearing warning lamp in transfer box operating unit
- K183 Inter-axle lock-up warning lamp in transfer box operating unit
- SC42 Fuse 42 on fuse holder C
- SC70 Fuse 70 on fuse holder C
- T4c 4-pin connector, black
- T41 41-pin connector, grey

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

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

* Only models with cruise control system

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



Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender, Transfer box control unit, Additional brake light bulb, Diagnostic connection

- E693 Start/Stop operation button, in front centre console
- F4 Reversing light switch
- G24 Tachograph
- G65 High-pressure sender
- G238 Air quality sensor
- G266 Oil level and oil temperature sender
- J646 Transfer box control unit
- M25 Additional brake light bulb
- T6bk 6-pin connector, green
- T17b 17-pin connector, behind glove compartment, black
- T17e 17-pin connector, near handbrake lever, blue
- T17h 17-pin connector, blue
- T18a 18-pin connector, near engine control unit, grey
- U31 Diagnostic connection

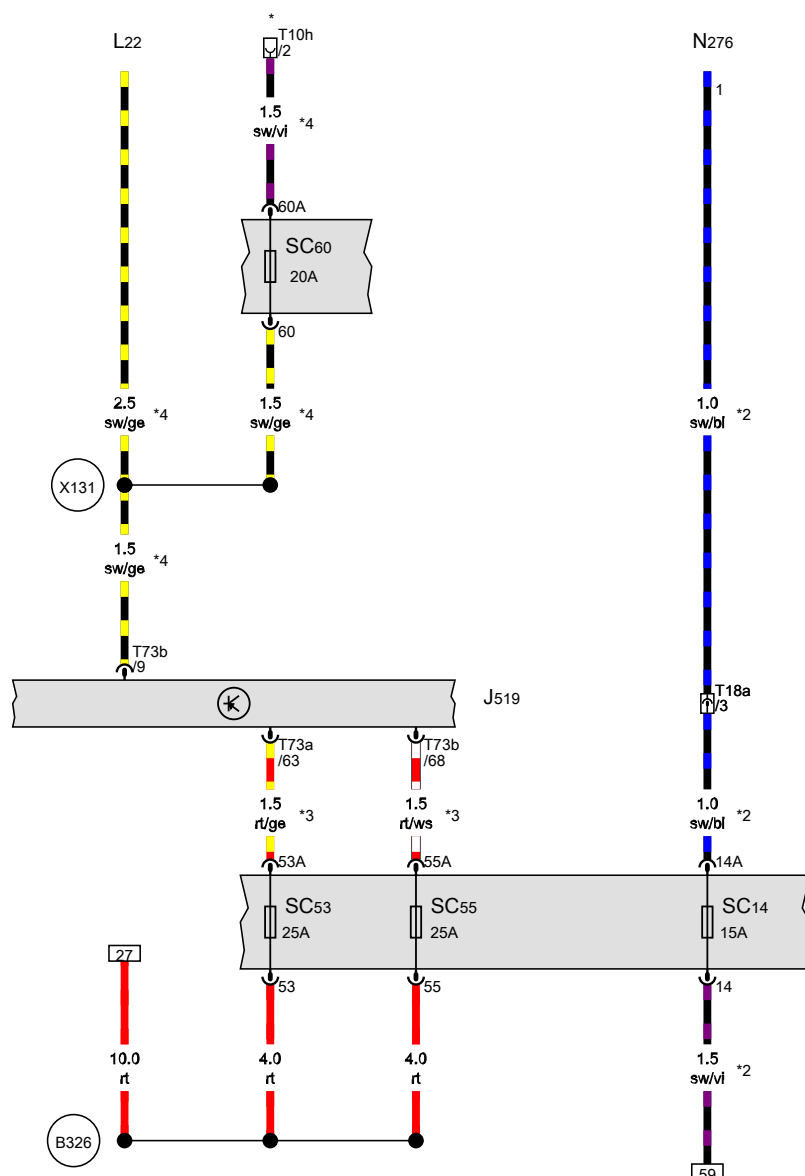
A2 Positive connection (15), in dash panel wiring harness

A15 Positive connection (15), in instrument wiring harness

- * Only models with air conditioning system/ Climatronic
- *2 Only models with Climatronic

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

Fuse 14 on fuse holder C, Fuse 53 on fuse holder C, Fuse 55 on fuse holder C



- J519 Onboard supply control unit
- L22 Left fog light bulb
- N276 Fuel pressure regulating valve
- SC14 Fuse 14 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- T10h 10-pin connector, in left footwell, near centre console, purple
- T18a 18-pin connector, near engine control unit, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

B326 Positive connection 12 (30a) in main wiring harness

X131 Connection 4, in optional equipment wiring harness

- * Only models with electric interface for external use
- *2 Only models with petrol engine
- *3 see applicable current flow diagram for exterior lighting
- *4 Only models with automatic driving lights control

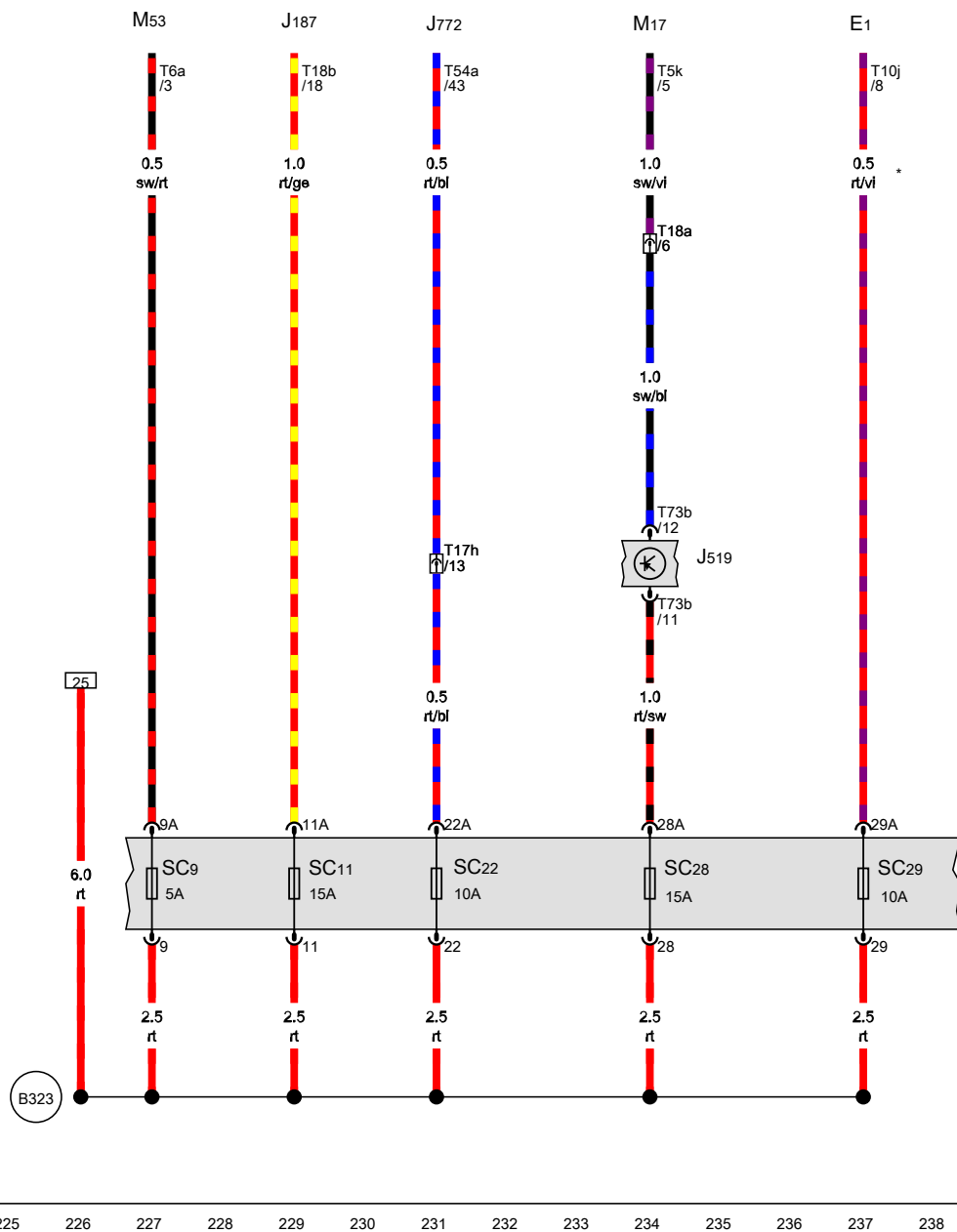
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 28 on fuse holder C, Fuse 29 on fuse holder C

- E1 Light switch
- J187 Differential lock control unit
- J519 Onboard supply control unit
- J772 Reversing camera system control unit
- M17 Right reversing light bulb
- M53 Load area illumination bulb
- SC9 Fuse 9 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- T5k 5-pin connector
- T6a 6-pin connector
- T10j 10-pin connector, black
- T17h 17-pin connector, on left under dash panel, blue
- T18a 18-pin connector, near engine control unit, near engine control unit, grey
- T18b 18-pin connector
- T54a 54-pin connector
- T73b 73-pin connector

 Positive connection 9 (30a) in main wiring harness

* Only models with automatic driving lights control



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

Fuse 7 on fuse holder C, Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

- D9 Electronic ignition lock
- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC7 Fuse 7 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T6f 6-pin connector, black
- T8f 8-pin connector, in rear right of engine compartment, black
- T10 10-pin connector, black
- T10c 10-pin connector, black
- T10h 10-pin connector, in left footwell, near centre console, purple
- T32 32-pin connector, blue
- T41 41-pin connector, grey
- T73a 73-pin connector
- T73b 73-pin connector, colourless
- V5 Washer pump

B475 Connection 11, in main wiring harness

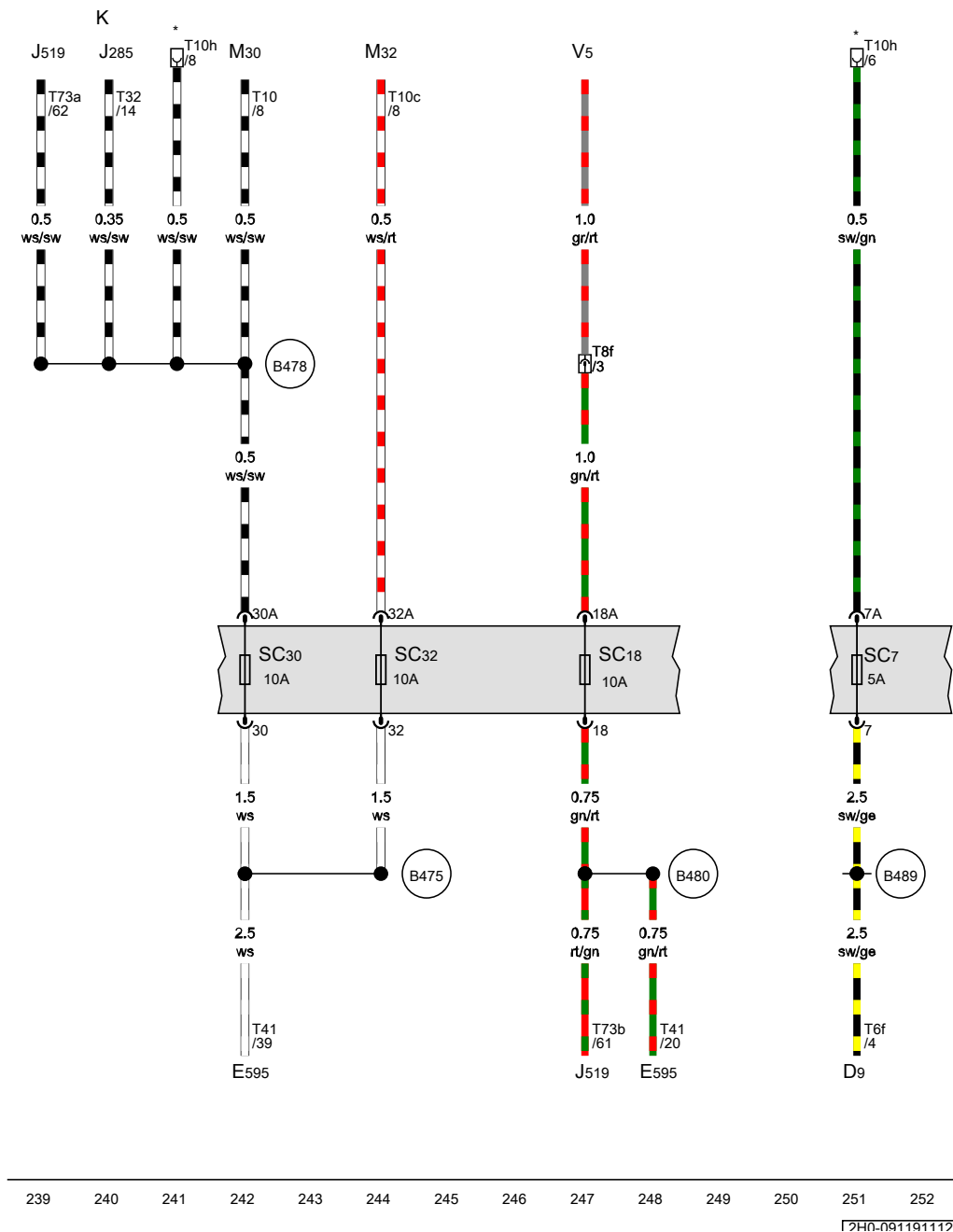
B478 Connection 14, in main wiring harness

B480 Connection 16, in main wiring harness

B489 Connection 25, in main wiring harness

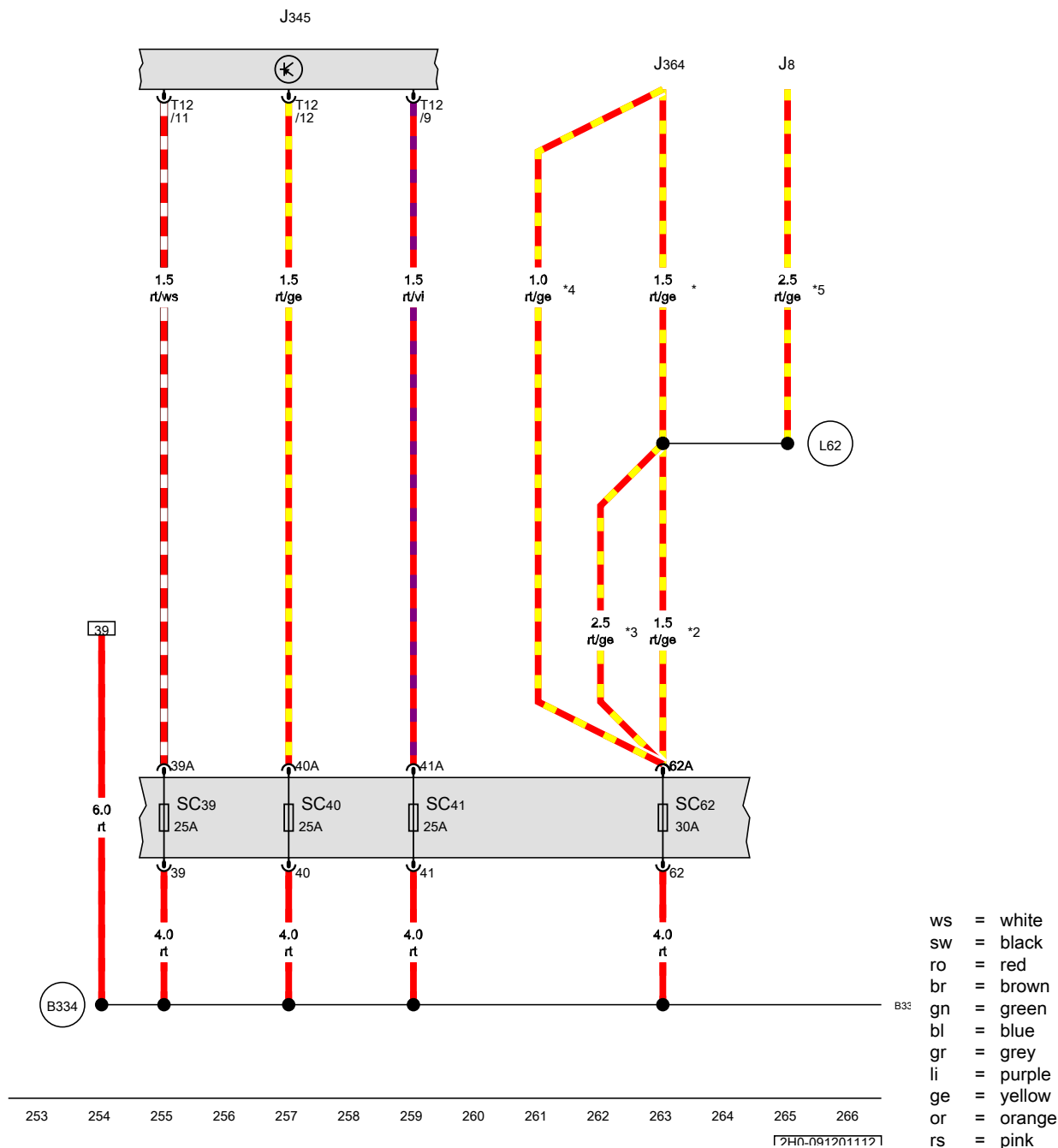
* Only models with electric interface for external use

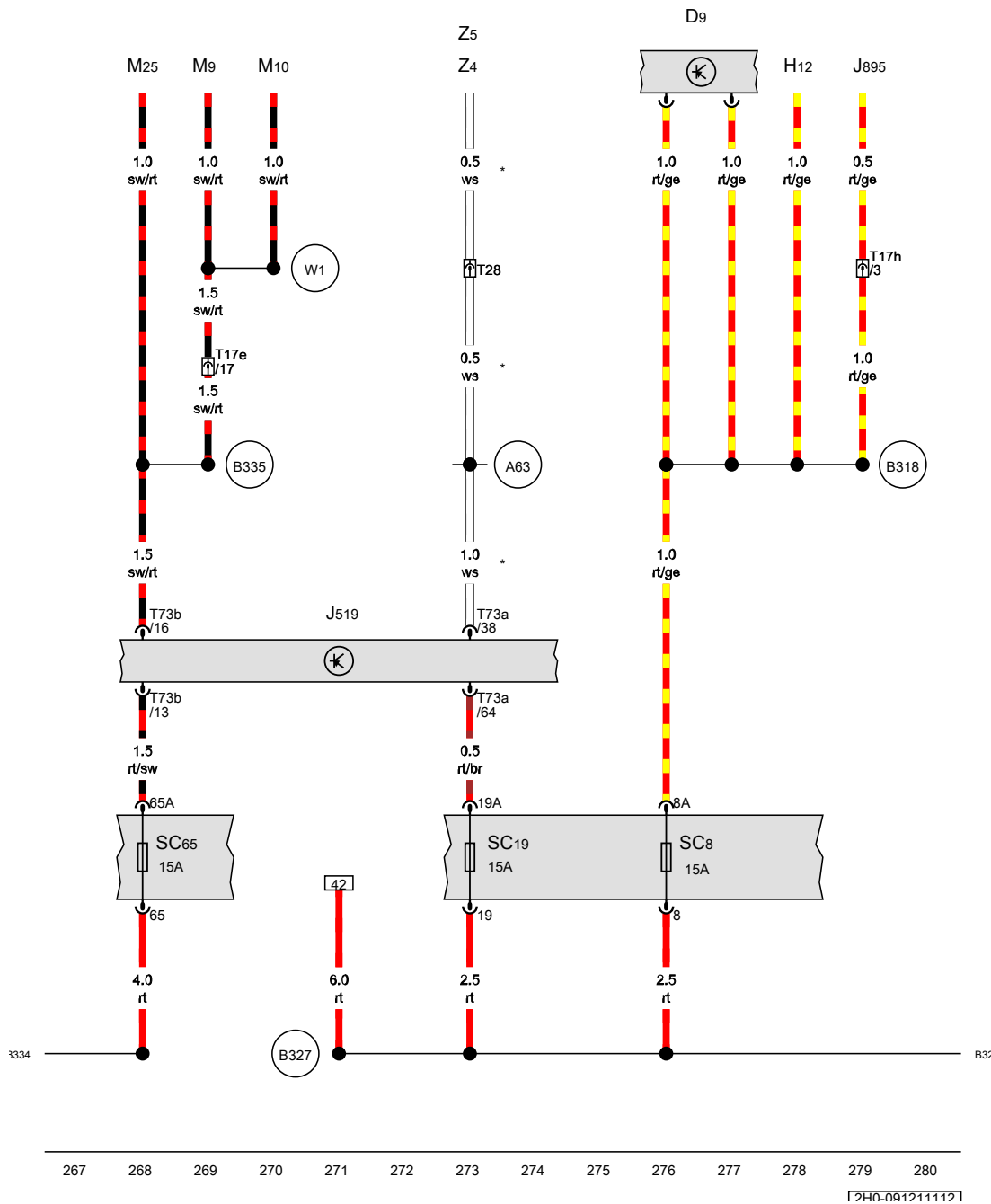
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 62 on fuse holder C

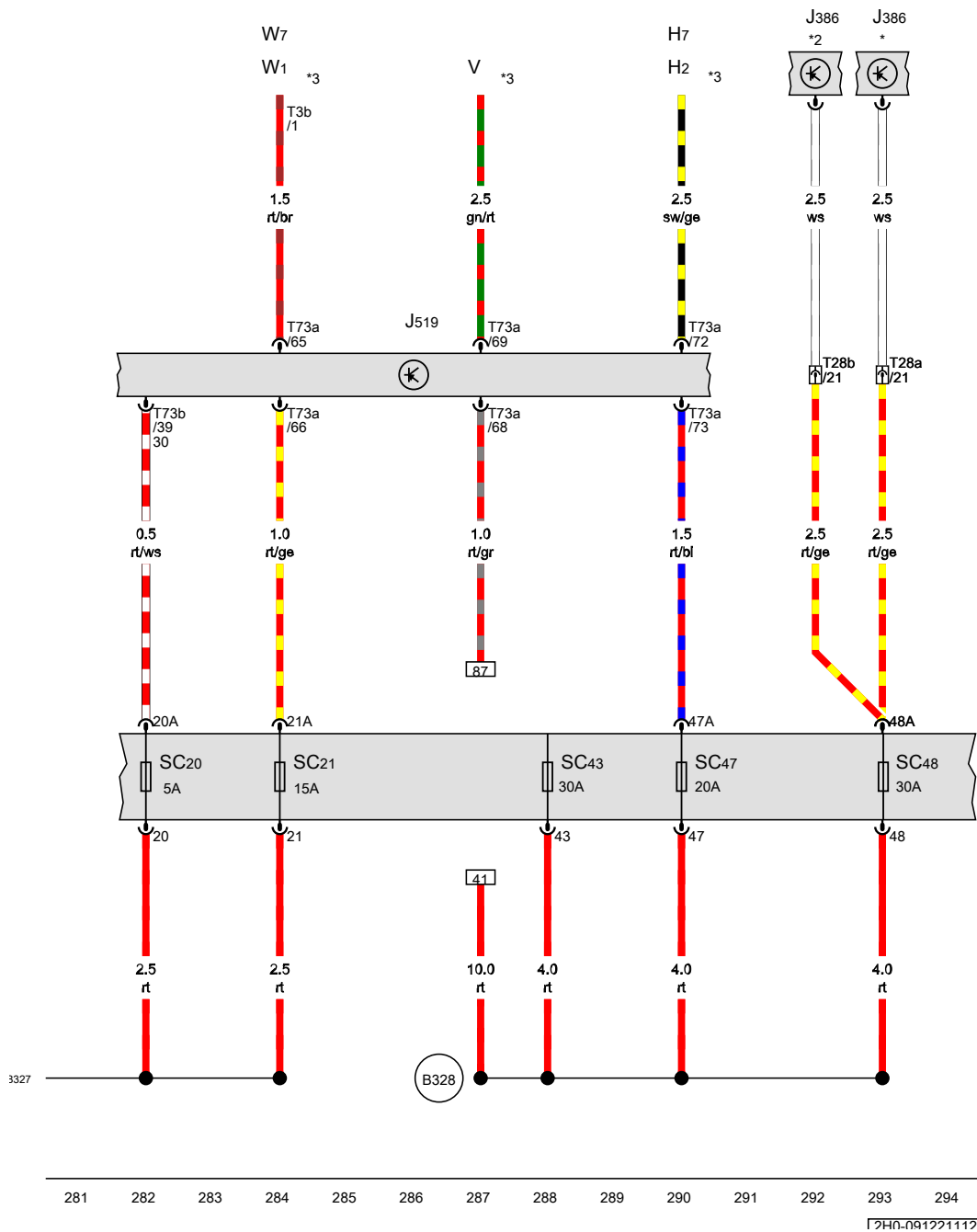
- J8 Auxiliary heater relay
- J345 Trailer detector control unit
- J364 Auxiliary heater control unit
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC62 Fuse 62 on fuse holder C
- T12 12-pin connector, red
- B334 Positive connection 20 (30a) in main wiring harness
- L62 Positive connection (30a), in auxiliary heater wiring harness
- * Only models with air conditioning system/ Climatronic
- *2 Only models with Climatronic
- *3 Only models with Climatic
- *4 Only models with no air conditioning system/Climatronic
- *5 see applicable current flow diagram for auxiliary coolant heater





Fuse 8 on fuse holder C, Fuse 19 on fuse holder C, Fuse 65 on fuse holder C

- D9 Electronic ignition lock
- H12 Alarm horn
- J519 Onboard supply control unit
- J895 Control unit for vehicle location system
- M9 Left brake light bulb
- M10 Right brake light bulb
- M25 Additional brake light bulb
- SC8 Fuse 8 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC65 Fuse 65 on fuse holder C
- T17e 17-pin connector, near handbrake lever, blue
- T17h 17-pin connector, on left under dash panel, blue
- T28 28-pin connector, near A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- Z4 Heated exterior mirror on driver side
- Z5 Heated exterior mirror on front passenger side
- A63 Connection (mirror adjustment/heating), in dash panel wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B327 Positive connection 13 (30a) in main wiring harness
- B334 Positive connection 20 (30a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- W1 Positive connection 1 (54), in rear wiring harness
- * see applicable current flow diagram for window regulators/ basic equipment/ convenience system



Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

- H2 Treble horn
- H7 Bass horn
- J386 Driver door control unit
- J519 Onboard supply control unit
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T3b 3-pin connector
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V Windscreen wiper motor
- W1 Front interior light
- W7 Centre interior light
- B327 Positive connection 13 (30a) in main wiring harness
- B328 Positive connection 14 (30a) in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 see applicable current flow diagram for basic equipment

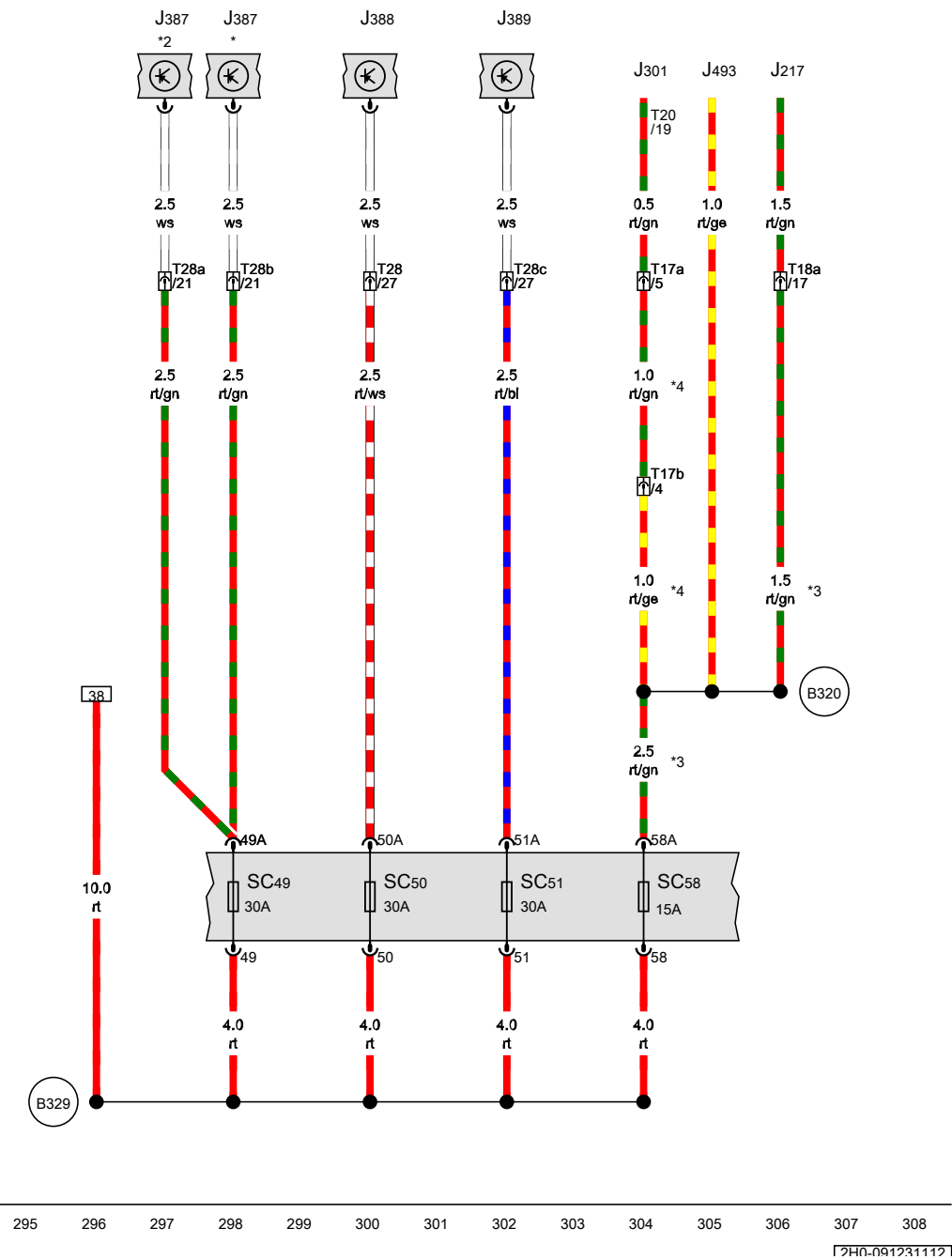
Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J493 Auxiliary coolant heater relay
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T17a 17-pin connector, behind glove compartment, black
- T17b 17-pin connector, on left under dash panel, brown
- T18a 18-pin connector, near engine control unit, grey
- T20 20-pin connector
- T28 28-pin connector, near A-pillar
- T28a 28-pin connector, in left A-pillar
- T28b 28-pin connector, on right A-pillar
- T28c 28-pin connector

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

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

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with automatic gearbox
- *4 Only models with Climatic



Voltage supply relay 2, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

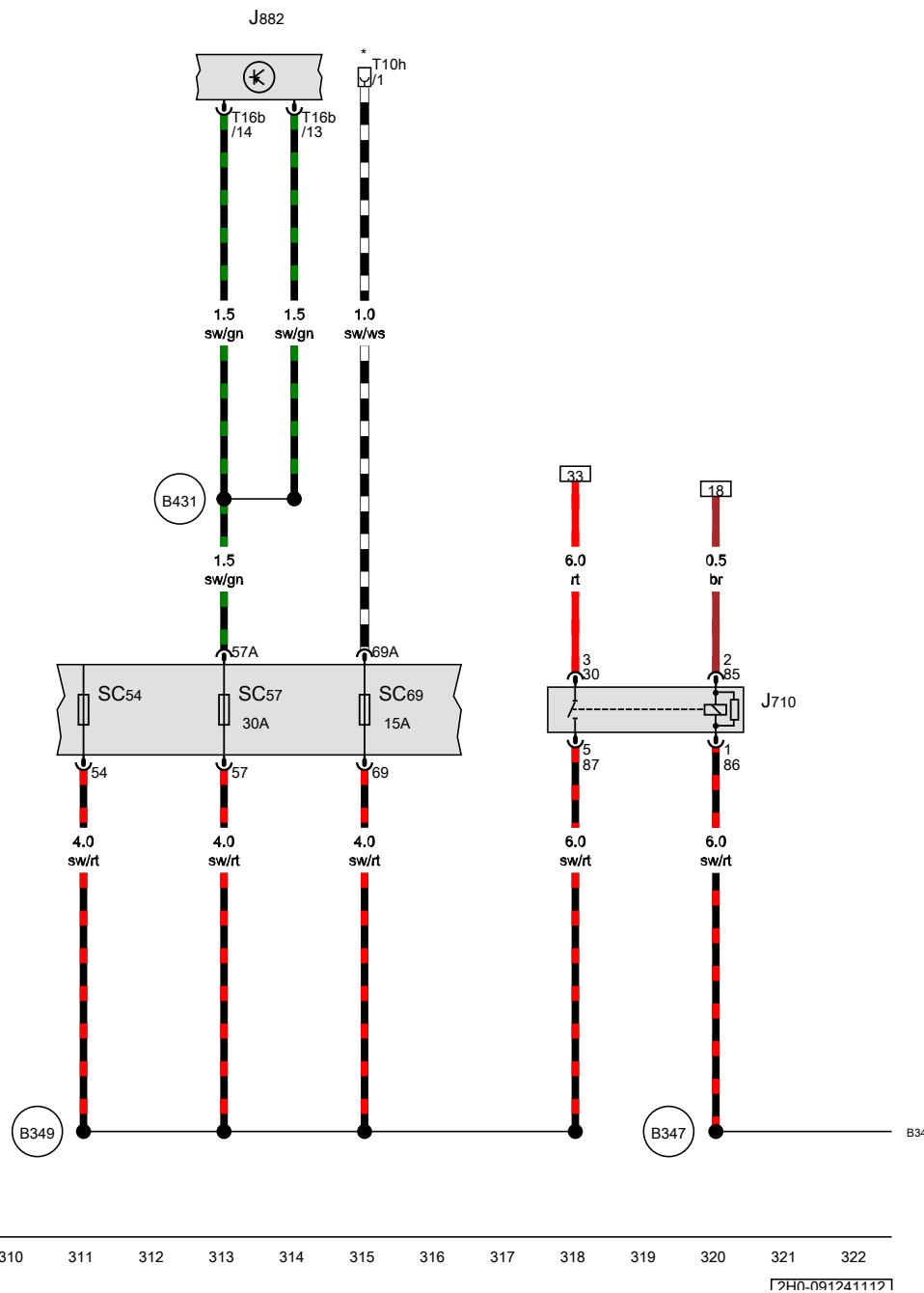
- J710 Voltage supply relay 2
 J882 Seat heating control unit
 SC54 Fuse 54 on fuse holder C
 SC57 Fuse 57 on fuse holder C
 SC69 Fuse 69 on fuse holder C
 T10h 10-pin connector, in left footwell, near centre console, purple
 T16b 16-pin connector, black

B347 Connection 2 (75), in main wiring harness

B349 Connection 2 (75a), in main wiring harness

B431 Connection (seat heating), in main wiring harness

* Only models with electric interface for external use



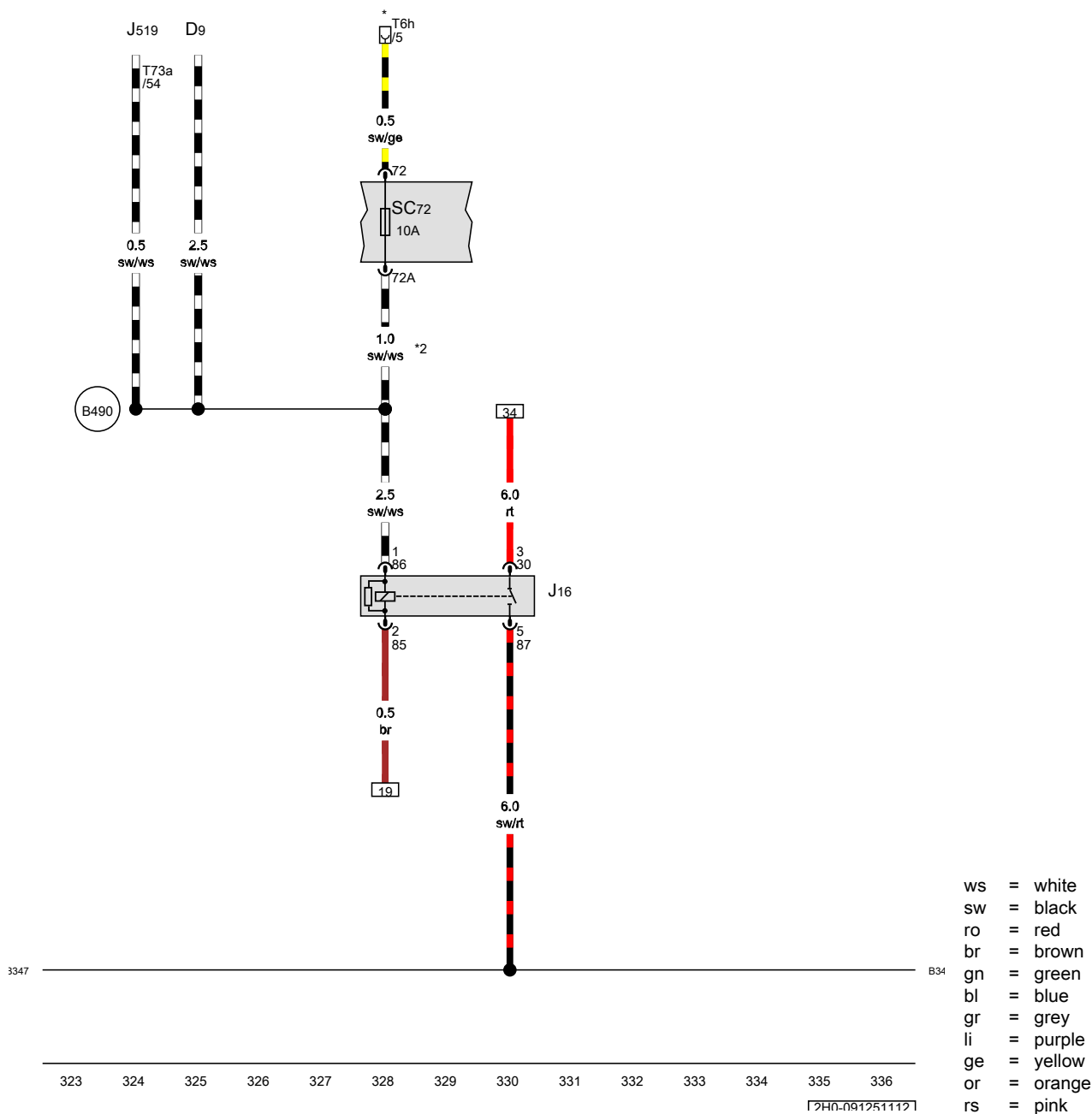
Current supply relay, Fuse 72 on fuse holder C

- D9 Electronic ignition lock
- J16 Current supply relay
- J519 Onboard supply control unit
- SC72 Fuse 72 on fuse holder C
- T6h 6-pin connector, in left footwell, near centre console, grey
- T73a 73-pin connector

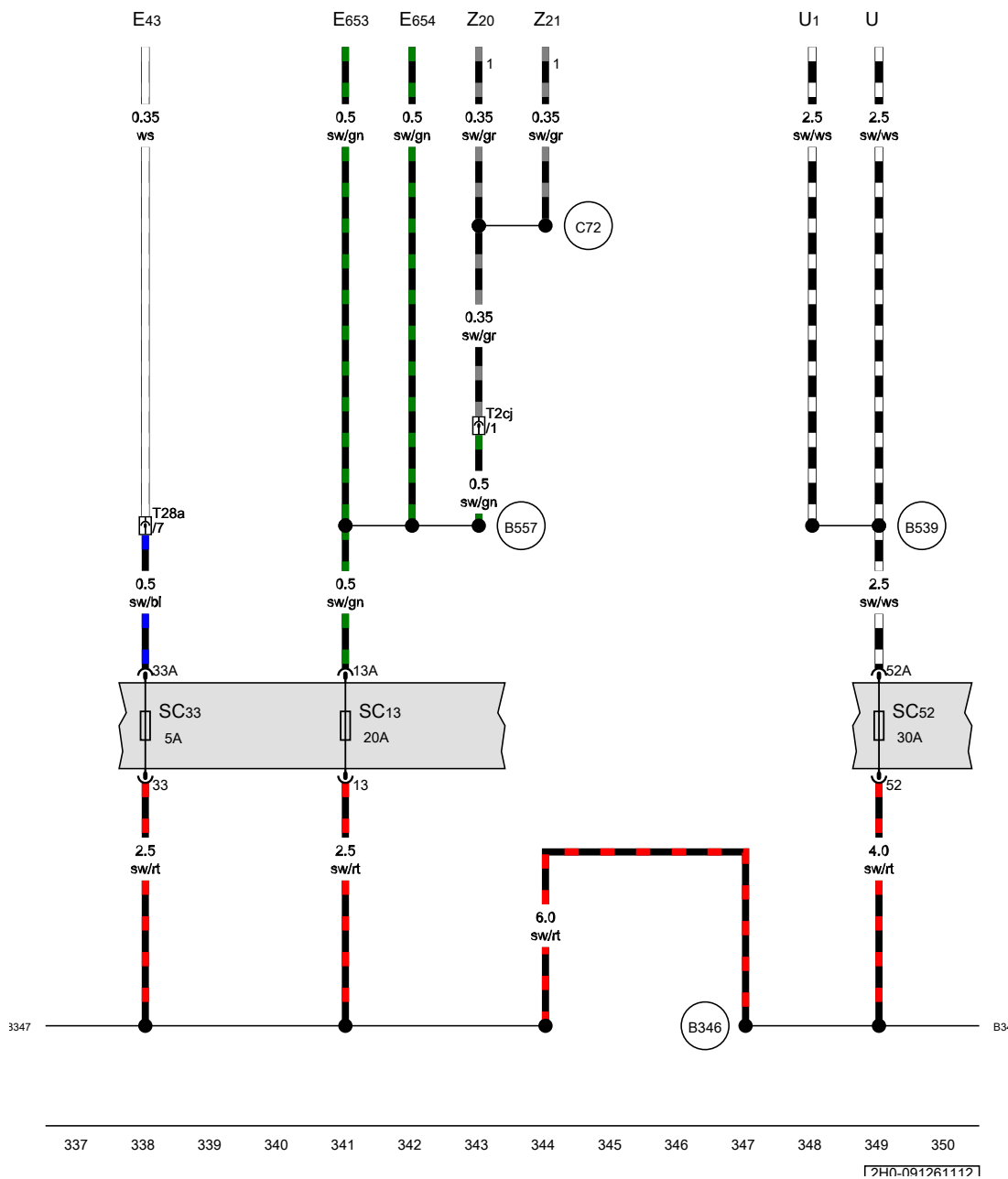
B347 Connection 2 (75), in main wiring harness

B490 Connection 26, in main wiring harness

- * Only models with electric interface for external use
- *2 Only models with fog lights

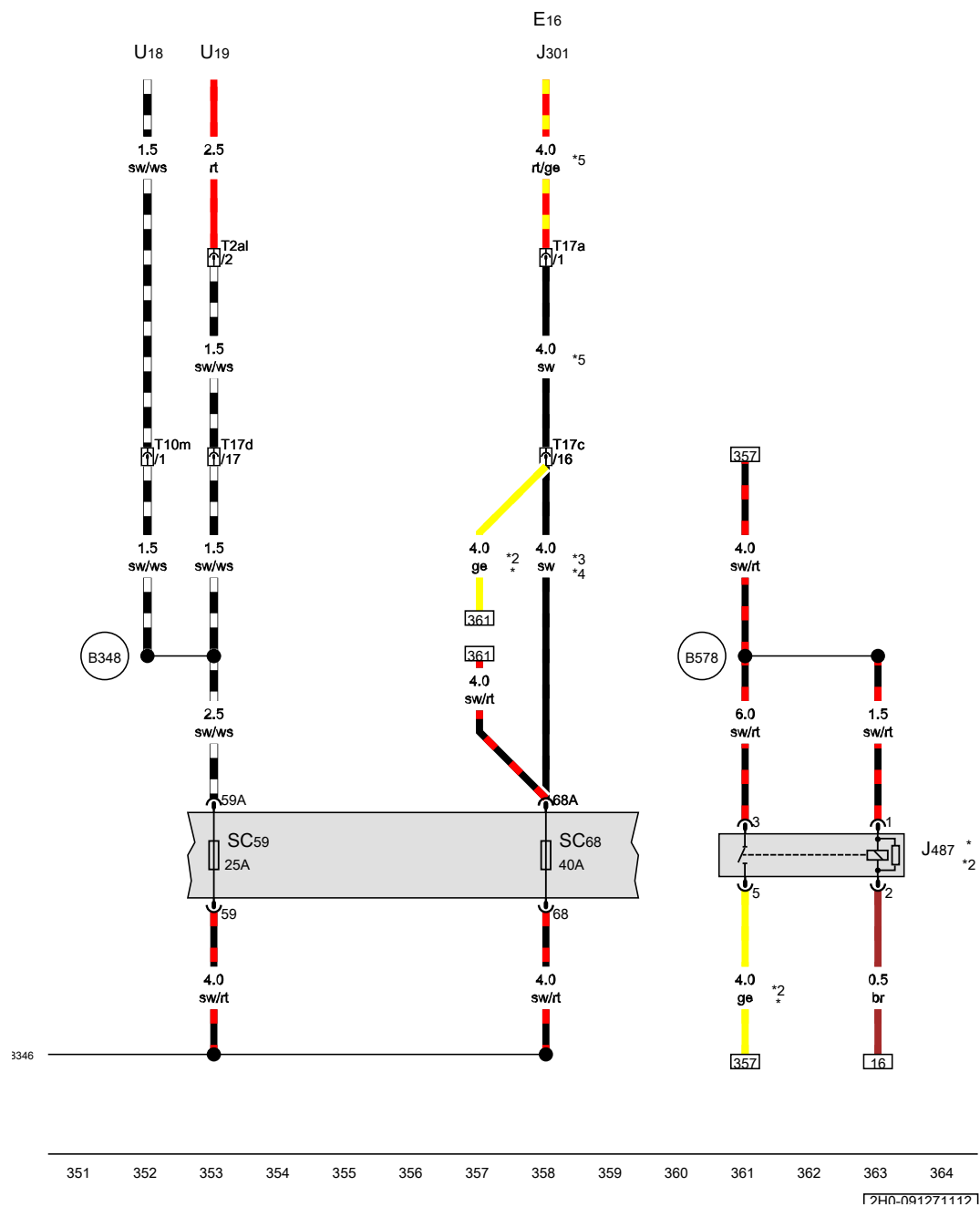


Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 52 on fuse holder C



- E43 Mirror adjustment switch, in driver door
- E653 Button for left seat heating, on centre console switch module
- E654 Button for right seat heating, on centre console switch module
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- T2cj 2-pin connector
- T28a 28-pin connector, in left A-pillar
- U Electric socket, on centre console switch module
- U1 Cigarette lighter, on centre console switch module
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- B346 Connection 1 (75), in main wiring harness
- B347 Connection 2 (75), in main wiring harness
- B539 Connection 30, in main wiring harness
- B557 Positive connection 21 (30a) in main wiring harness
- C72 Positive connection in heated washer jet wiring harness



Fuse 59 on fuse holder C, Fuse 68 on fuse holder C

- E16 Heater/heat output switch
- J301 Air conditioning system control unit
- J487 Fresh air blower isolation relay
- SC59 Fuse 59 on fuse holder C
- SC68 Fuse 68 on fuse holder C
- T2al 2-pin connector, in rear left wheel housing, black
- T10m 10-pin connector, near handbrake lever, brown
- T17a 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, white
- T17d 17-pin connector, on left under dash panel, green
- U18 12 V socket 2, in centre of dash panel, in storage compartment
- U19 12 V socket 3, in rear left wheel housing

B346 Connection 1 (75), in main wiring harness

B348 Connection 1 (75a), in main wiring harness

B578 Positive connection 2 (75), in interior wiring harness

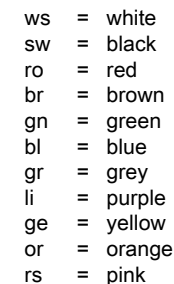
* Only models with auxiliary coolant heater

*2 Only models with Climatronic

*3 Only models with no Climatronic

*4 Only models with no auxiliary coolant heater

*5 see applicable current flow diagram



- B316 Positive connection 2 (30a) in main wiring harness
 - B324 Positive connection 10 (30a) in main wiring harness
 - L21 Connection 1 (30), in Climatronic operating unit wiring harness
- * Only models with central locking
- *2 Only models with Climatronic

Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

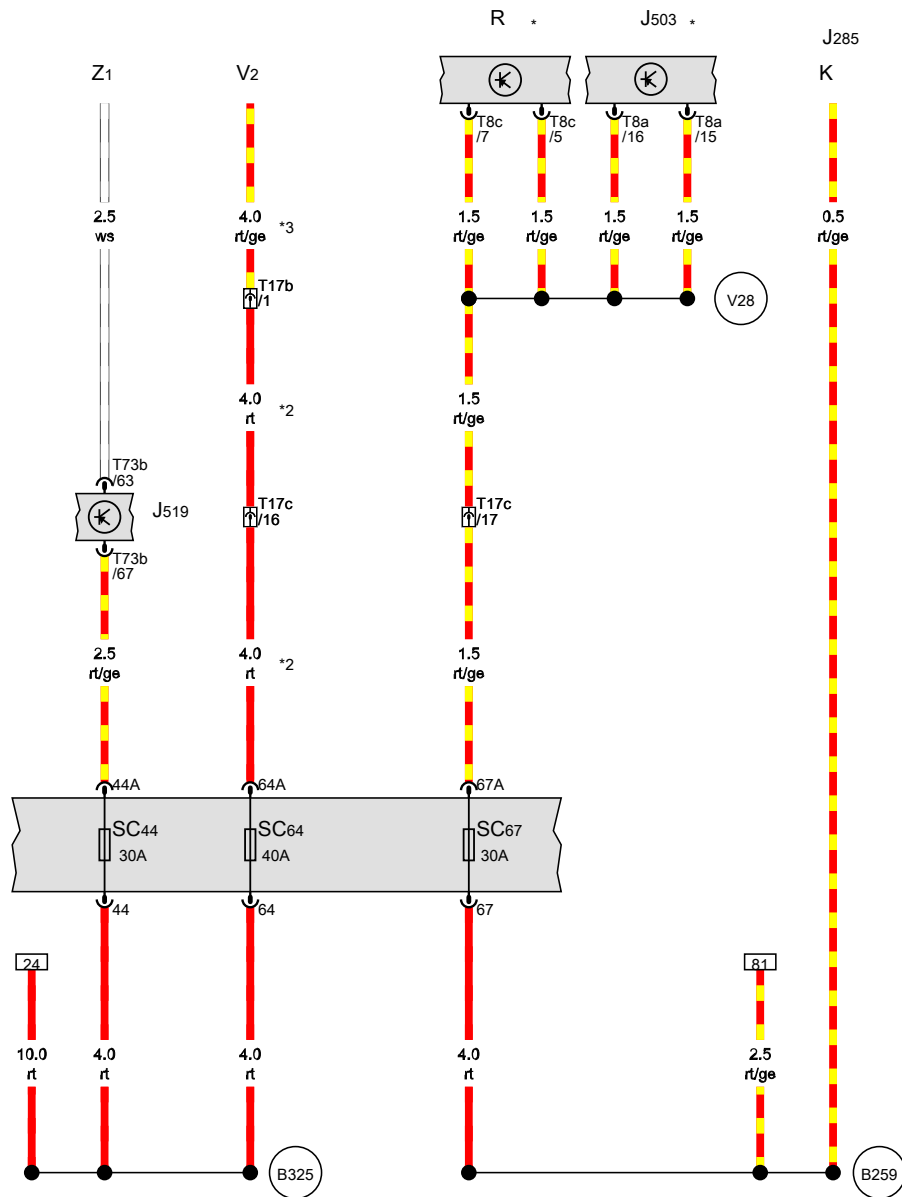
- J285 Control unit in dash panel insert
- J503 Control unit with display for radio and navigation
- J519 Onboard supply control unit
- K Dash panel insert
- R Radio
- SC44 Fuse 44 on fuse holder C
- SC64 Fuse 64 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T8a 8-pin connector, black
- T8c 8-pin connector, black
- T17b 17-pin connector, behind glove compartment, black
- T17c 17-pin connector, on left under dash panel, white
- T73b 73-pin connector, colourless
- V2 Fresh air blower
- Z1 Heated rear window

B259 Connection (start/stop signal), in interior wiring harness

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

V28 Connection 1, in radio wiring harness

- * According to equipment
- *2 Only models with Climatronic
- *3 see applicable current flow diagram



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

Exterior lighting , (7L3)

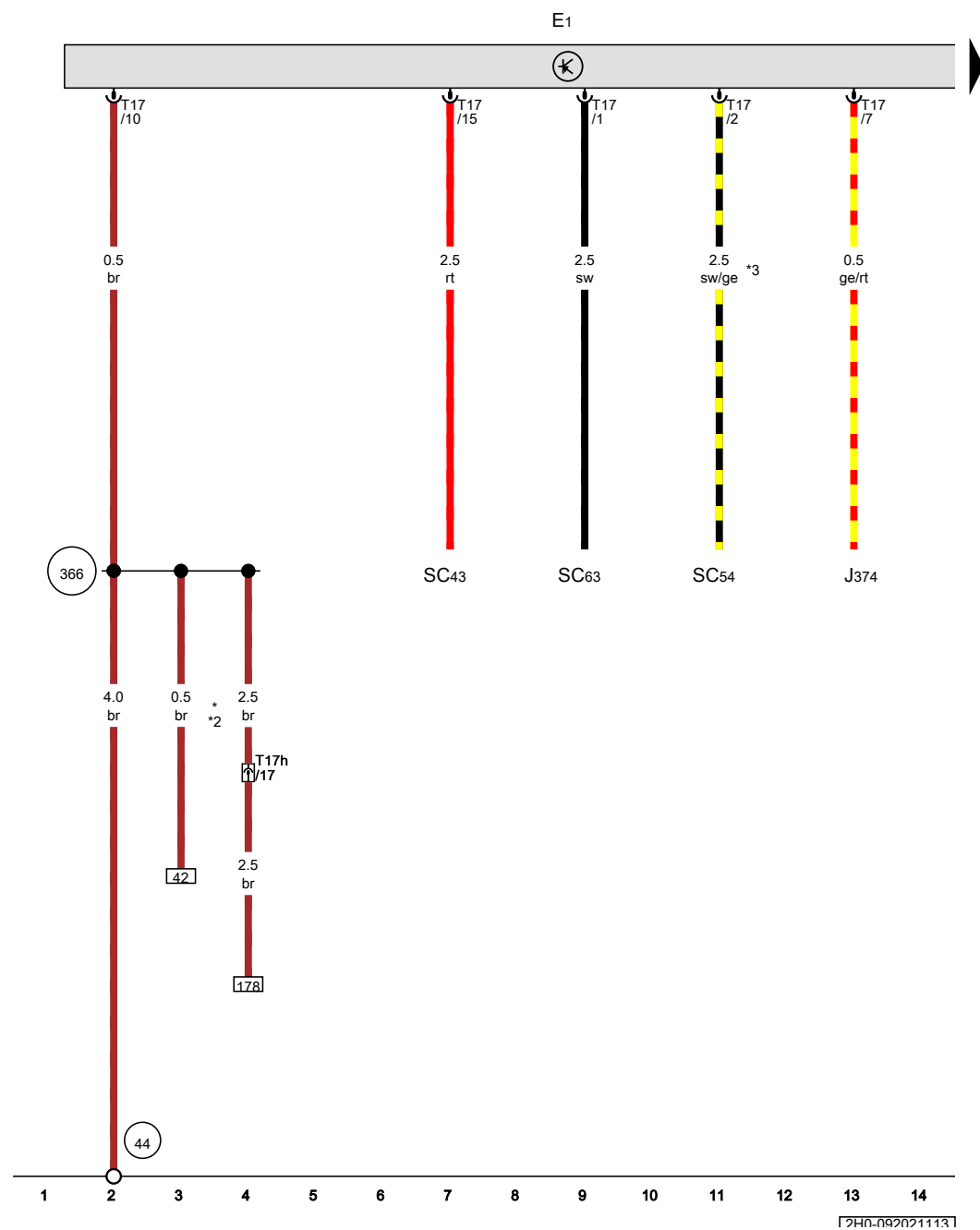
From January 2013

Light switch

E1	Light switch
J374	Terminal 58b relief relay
SC43	Fuse 43 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC63	Fuse 63 on fuse holder C
T17	17-pin connector, black
T17h	17-pin connector, on left under dash panel, blue

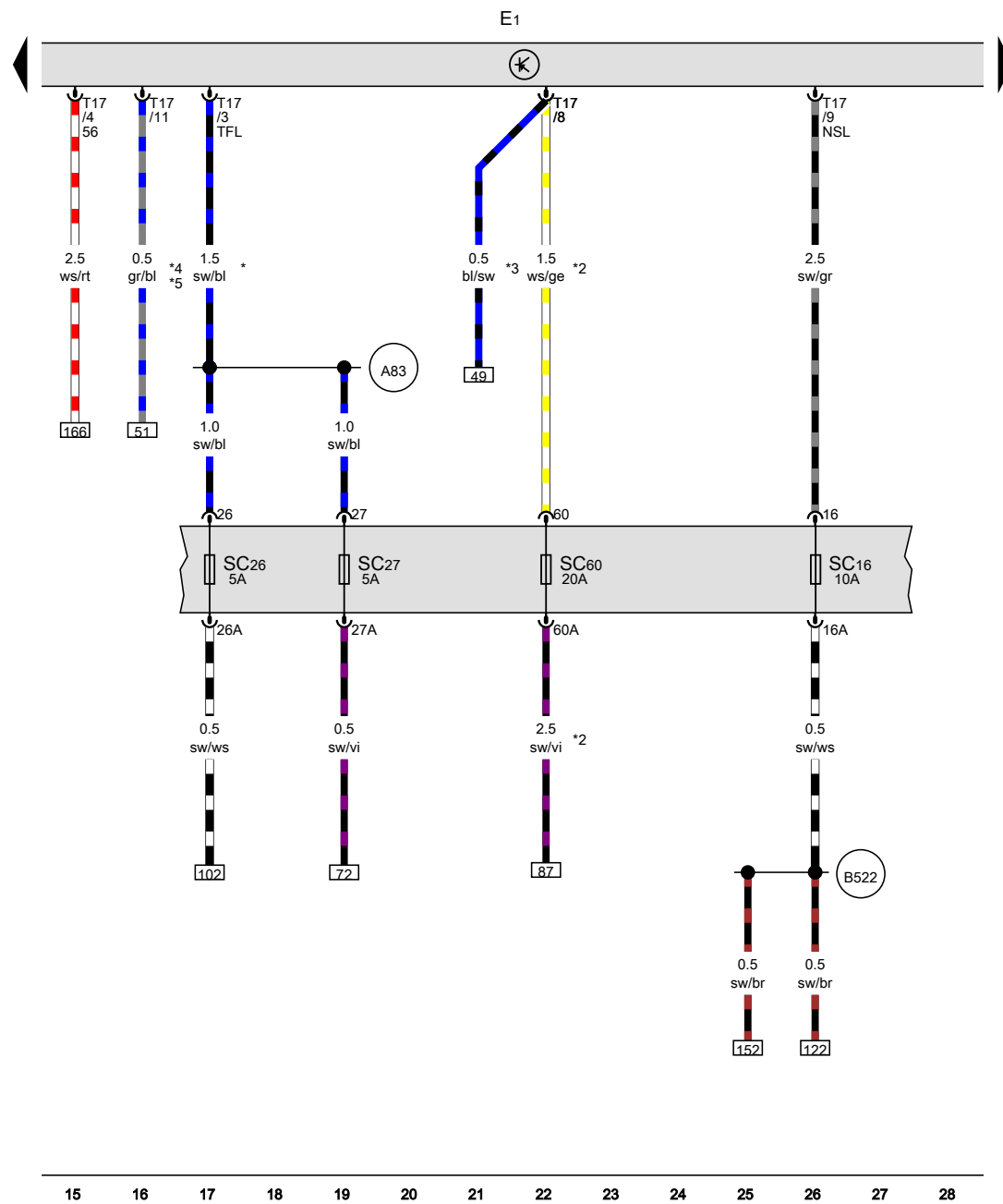
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness

- * Only models with headlight range control
- *2 Only models with Highline equipment
- *3 Only models with fog 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

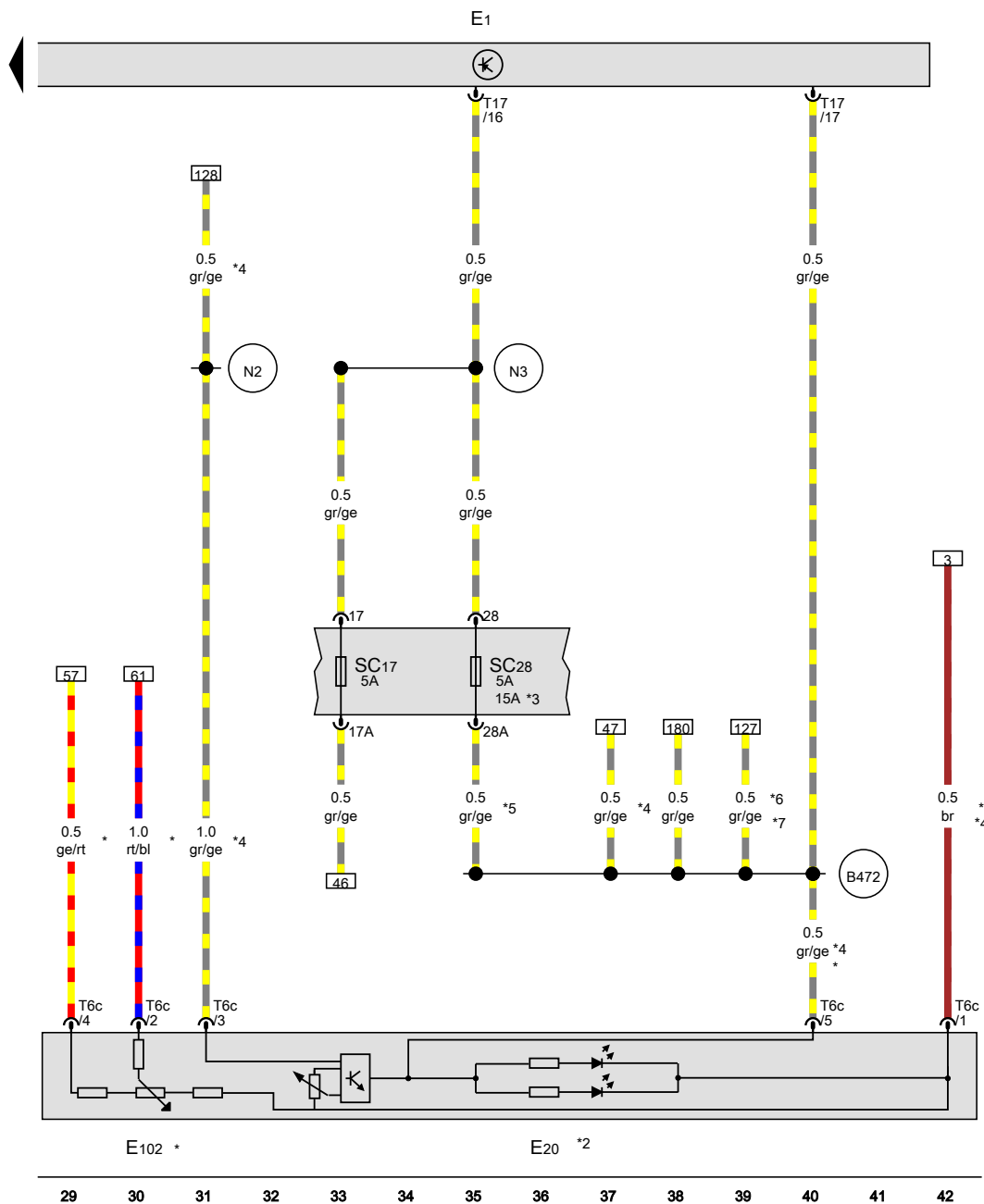
Light switch, Fuse 16 on fuse holder C, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C



- E1 Light switch
- SC16 Fuse 16 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- T17 17-pin connector, black
- A83 Connection (daytime running lights), in dash panel wiring harness
- B522 Connection (FL), in main wiring harness
- * Only models with daytime running lights
- *2 Only models with fog lights
- *3 Only models with static cornering light
- *4 Only models with electric interface for external use
- *5 Only models with basic equipment

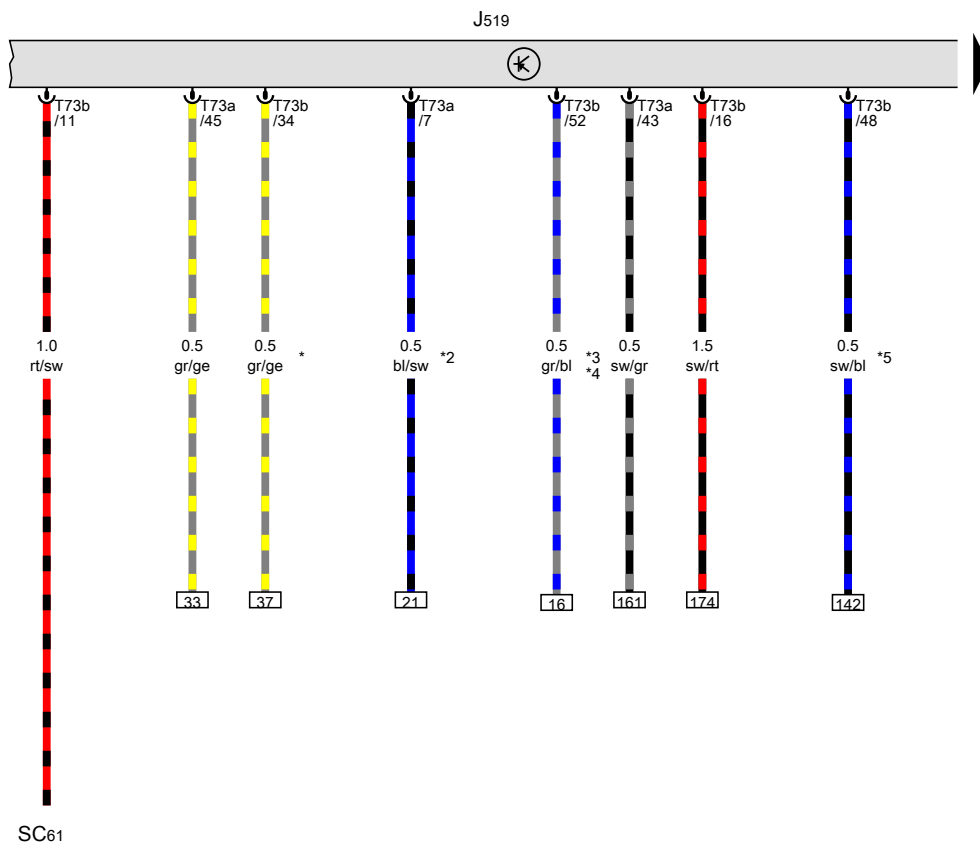
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C



- E1 Light switch
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- SC17 Fuse 17 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T6c 6-pin connector, black
- T17 17-pin connector, black
- B472 Connection 8, in main wiring harness
- N2 Connection 1, in headlight range control wiring harness
- N3 Connection 2, in headlight range control wiring harness
- * Only models with headlight range control
- *2 Only models with dimmable instrument illumination
- *3 Only models with automatic driving lights control
- *4 Only models with Highline equipment
- *5 Only models with no dimmable instrument illumination
- *6 Only models with Trendline equipment
- *7 Only models with basic equipment

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



Onboard supply control unit

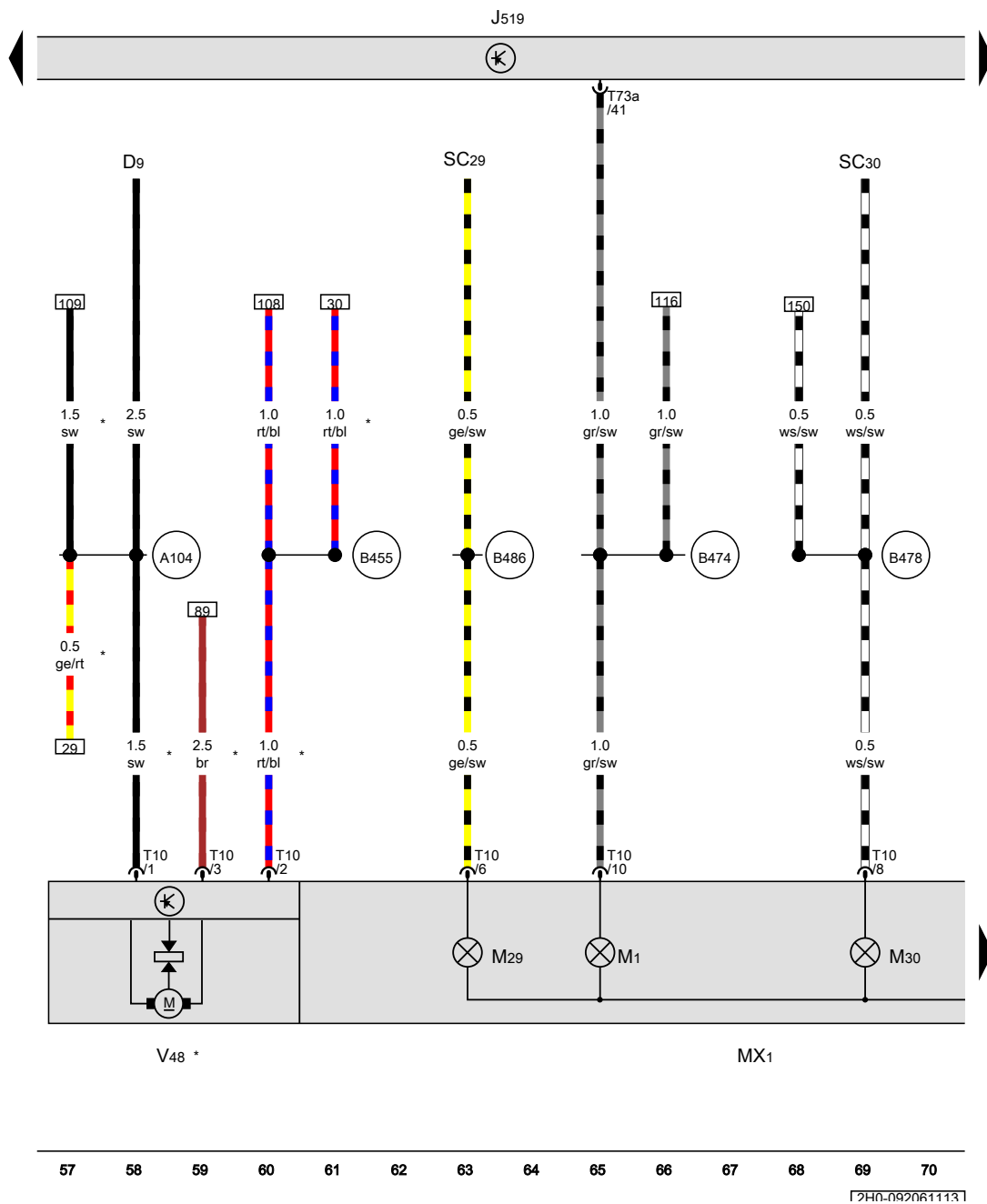
- J519 Onboard supply control unit
- SC61 Fuse 61 on fuse holder C
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- * Only models with Highline equipment
- *2 Only models with static cornering light
- *3 Only models with electric interface for external use
- *4 Only models with basic equipment
- *5 Only models with manual gearbox

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

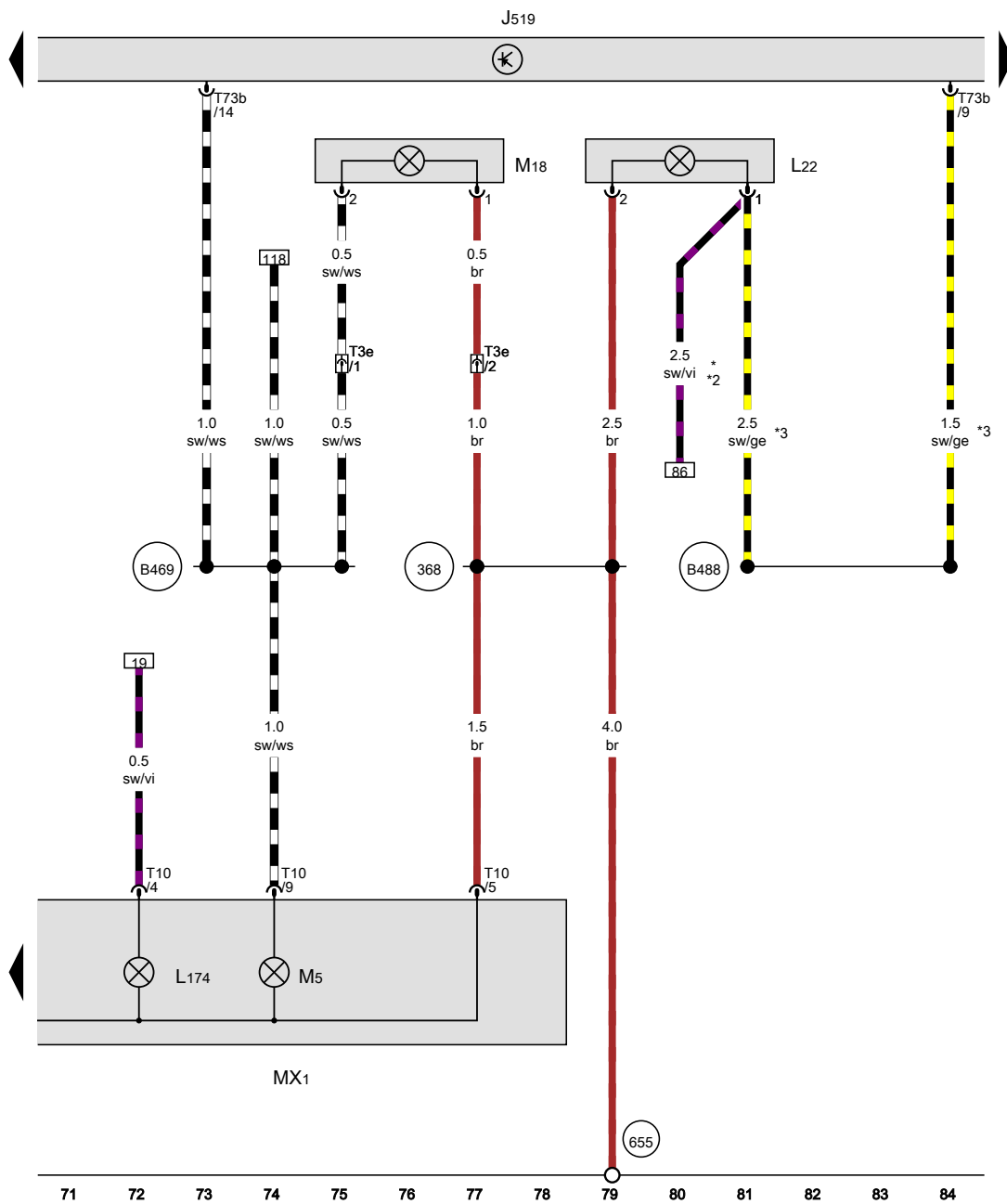
43 44 45 46 47 48 49 50 51 52 53 54 55 56

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Onboard supply control unit, Front left headlight, Fuse 29 on fuse holder C



- D9 Electronic ignition lock
- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T10 10-pin connector
- T73a 73-pin connector, black
- V48 Left headlight range control motor
- A104 Positive connection 2 (15), in dash panel wiring harness
- B455 Connection (HRC), in main wiring harness
- B474 Connection 10, in main wiring harness
- B478 Connection 14, in main wiring harness
- B486 Connection 22, in main wiring harness
- * Only models with headlight range control



Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- T3e 3-pin connector, in rear left of engine compartment, black
- T10 10-pin connector
- T73b 73-pin connector, colourless

368 Earth connection 3, in main wiring harness

655 Earth point, on left headlight, on left on bulkhead

B469 Connection 5, in main wiring harness

B488 Connection 24, in main wiring harness

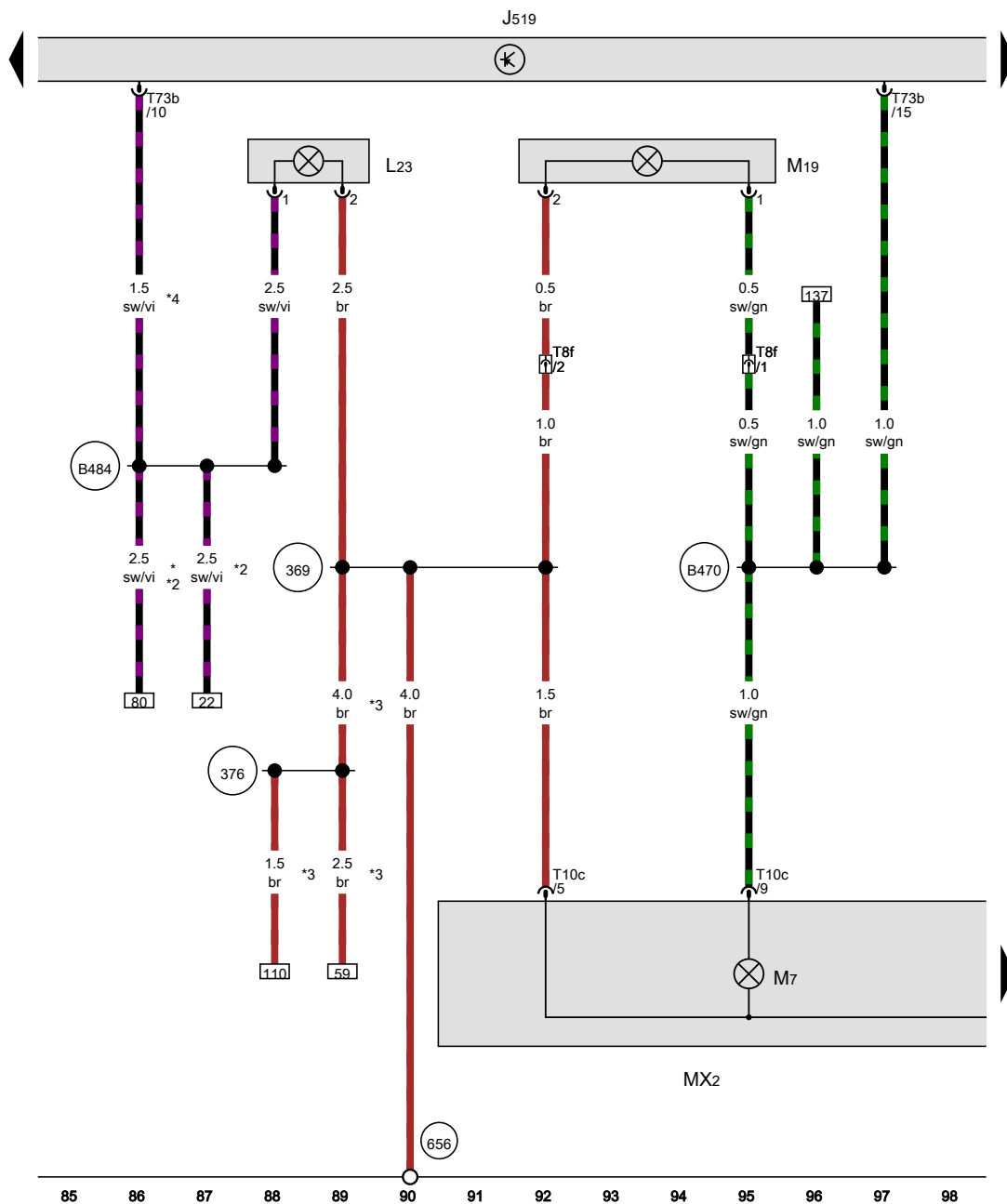
* Only models with no static cornering light

*2 Only models with fog lights

*3 Only models with static cornering 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

12H0-092071113

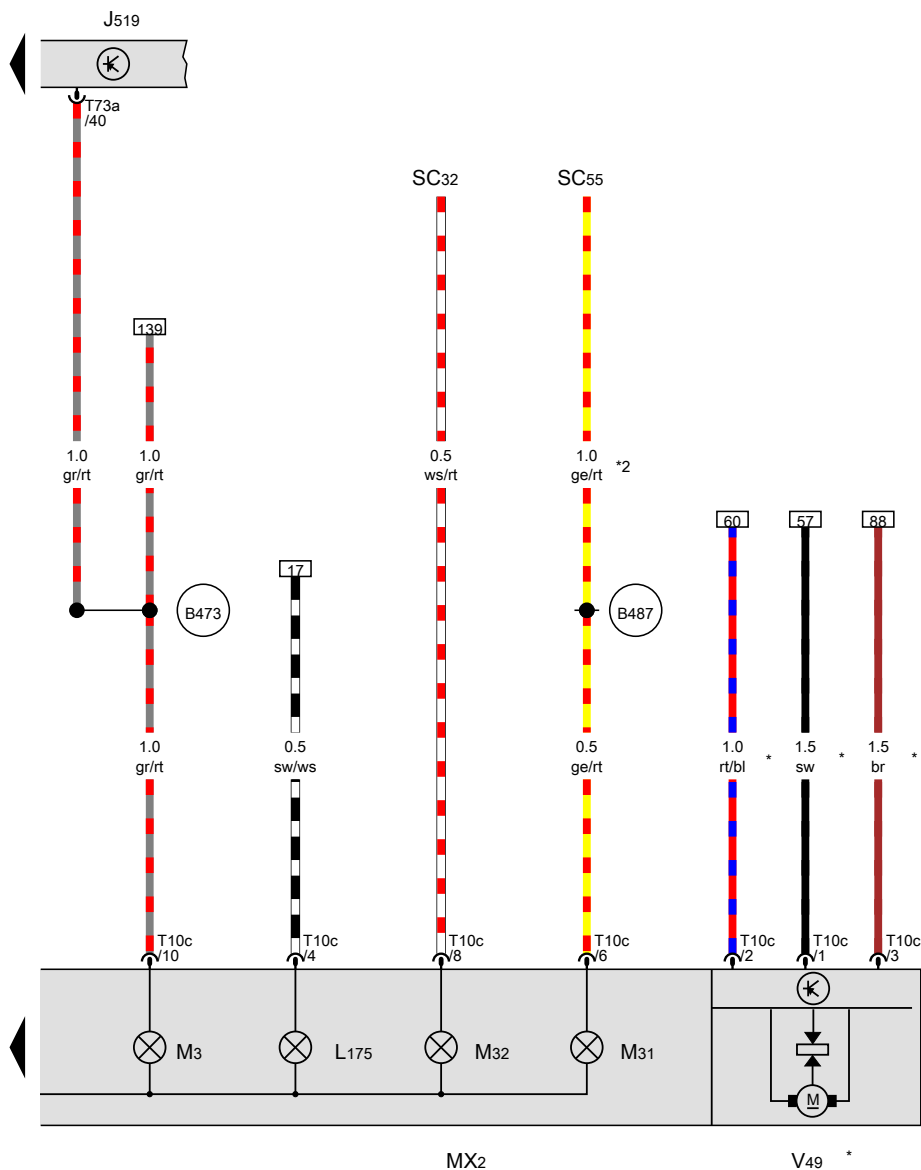


Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10c 10-pin connector, black
- T73b 73-pin connector, colourless

- 369 Earth connection 4, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead
- B470 Connection 6, in main wiring harness
- B484 Connection 20, in main wiring harness
- * Only models with no static cornering light
- *2 Only models with fog lights
- *3 Only models with headlight range control
- *4 Only models with static cornering light

Onboard supply control unit, Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C



- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10c 10-pin connector, black
- T73a 73-pin connector, black
- V49 Right headlight range control motor

B473 Connection 9, in main wiring harness

B487 Connection 23, in main wiring harness

* Only models with headlight range control

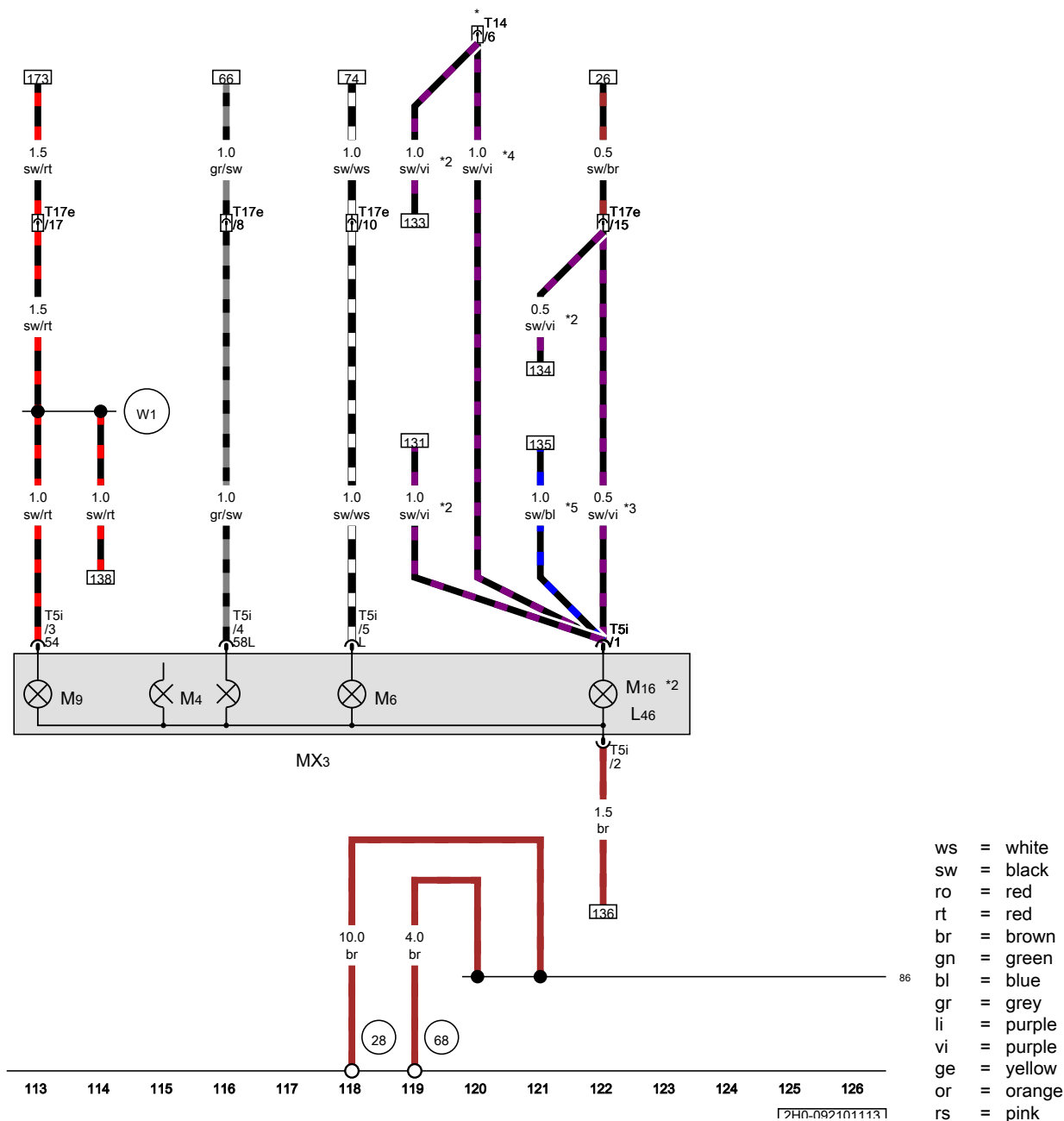
*2 Only models with no headlight range control

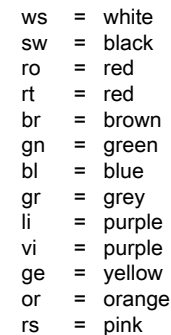
Left tail light

- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector, black
- T14 14-pin connector, behind rear bumper on left, black
- T17e 17-pin connector, near handbrake lever, red

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only left-hand drive models
- *5 Only models with no rear fog light





- * Only right-hand drive models
- *2 Only models with no rear fog light
- *3 Only models with Highline equipment
- *4 Only models with Trendline equipment
- *5 Only models with basic equipment

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

E595 Steering column combination switch
F Brake light switch
J623 Engine control unit
SC42 Fuse 42 on fuse holder C
T4c 4-pin connector, black
T41 41-pin connector, grey
T94 94-pin connector, black
T94a 94-pin connector, black

42 Earth point, next to steering column

371 Earth connection 6, in main wiring harness

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

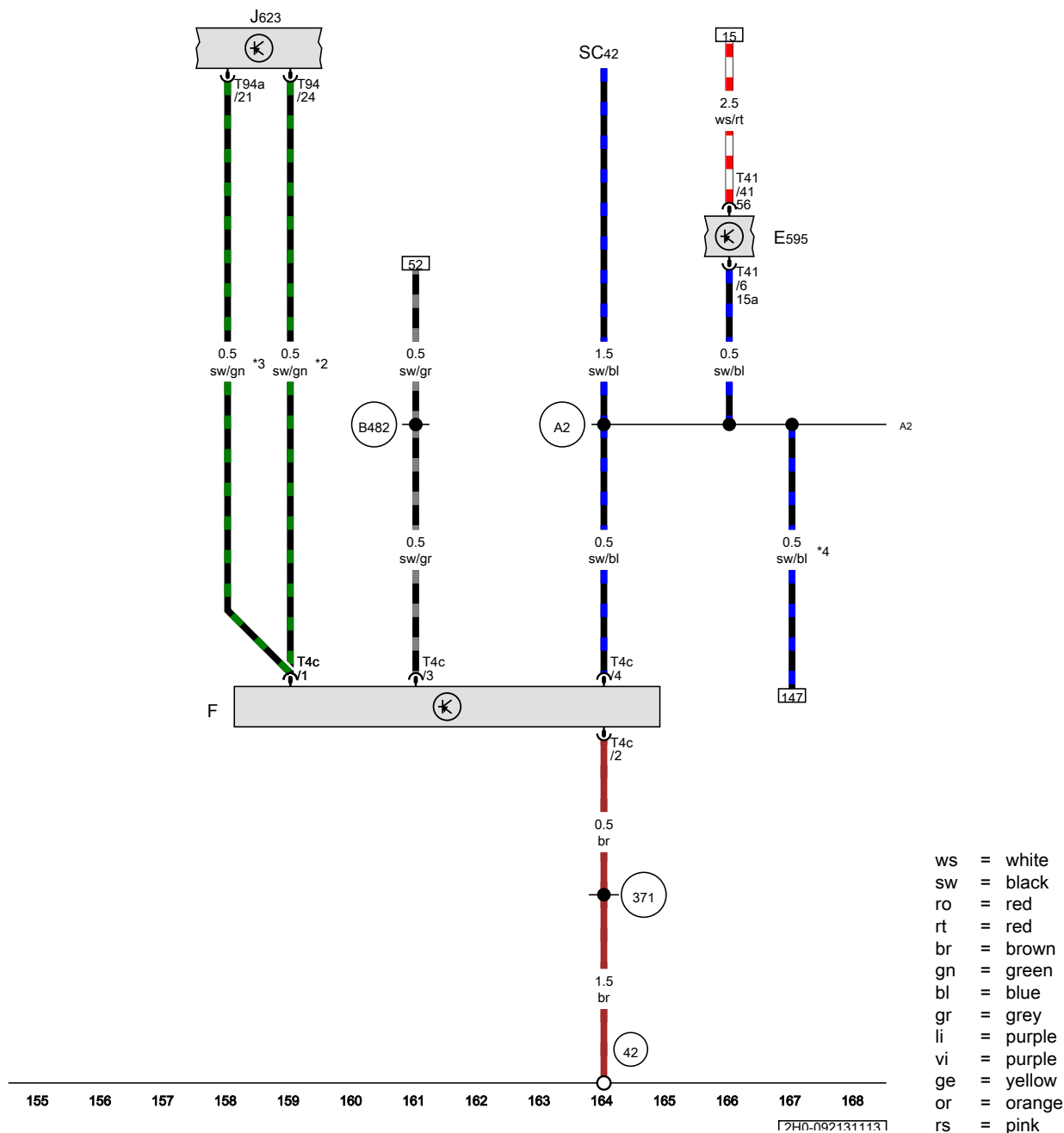
B482 Connection 18, in main wiring harness

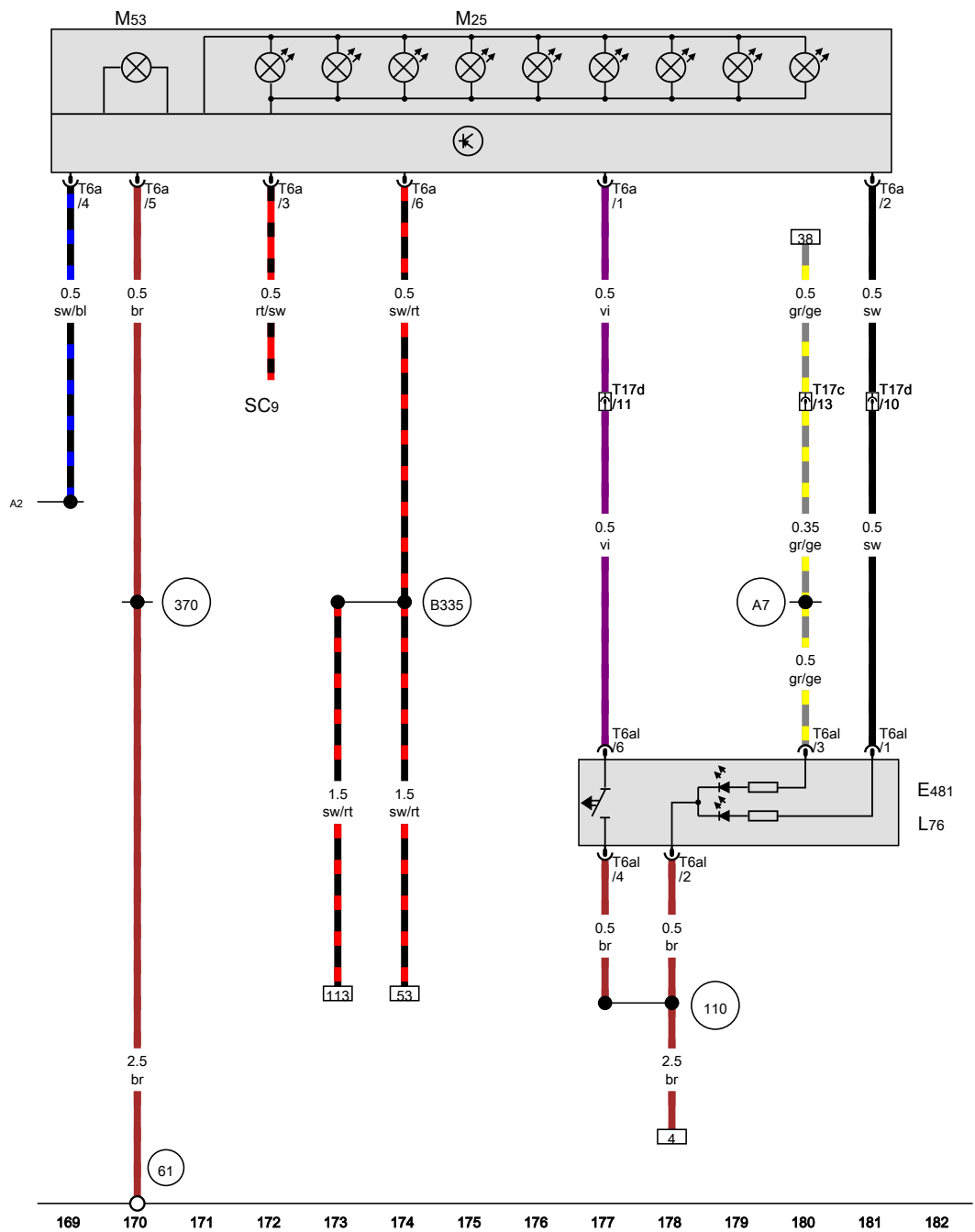
* Only models with headlight range control

*2 Only models with petrol engine

*3 Only models with diesel engine

*4 Only models with manual gearbox





Load area illumination switch, Additional brake light bulb, Load area illumination bulb

- E481 Load area illumination switch, near radio
- L76 Button illumination bulb
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC9 Fuse 9 on fuse holder C
- T6a 6-pin connector
- T6al 6-pin connector
- T17c 17-pin connector, on left under dash panel, white
- T17d 17-pin connector, on left under dash panel, green

- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

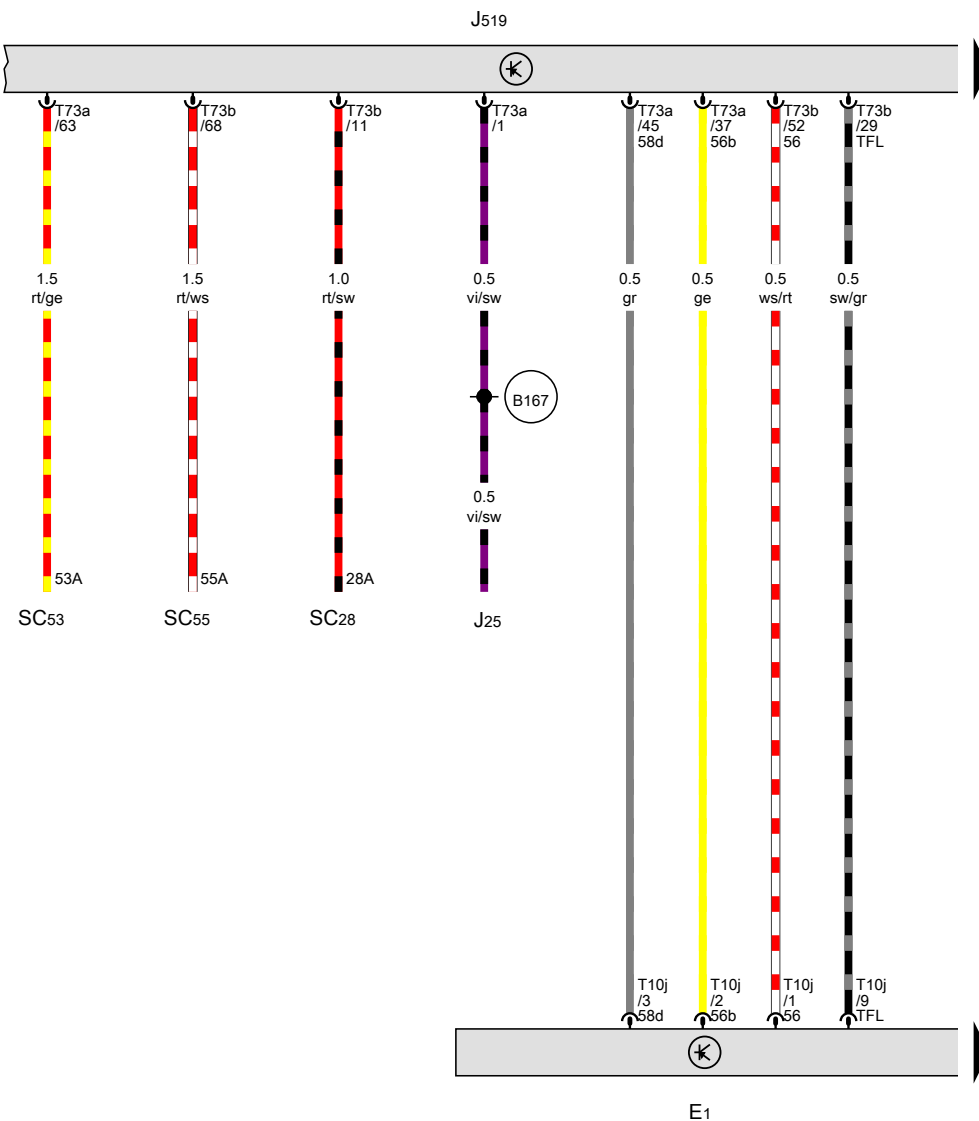
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Exterior lighting , (7L3),(7L6),(7L6)

From January 2013

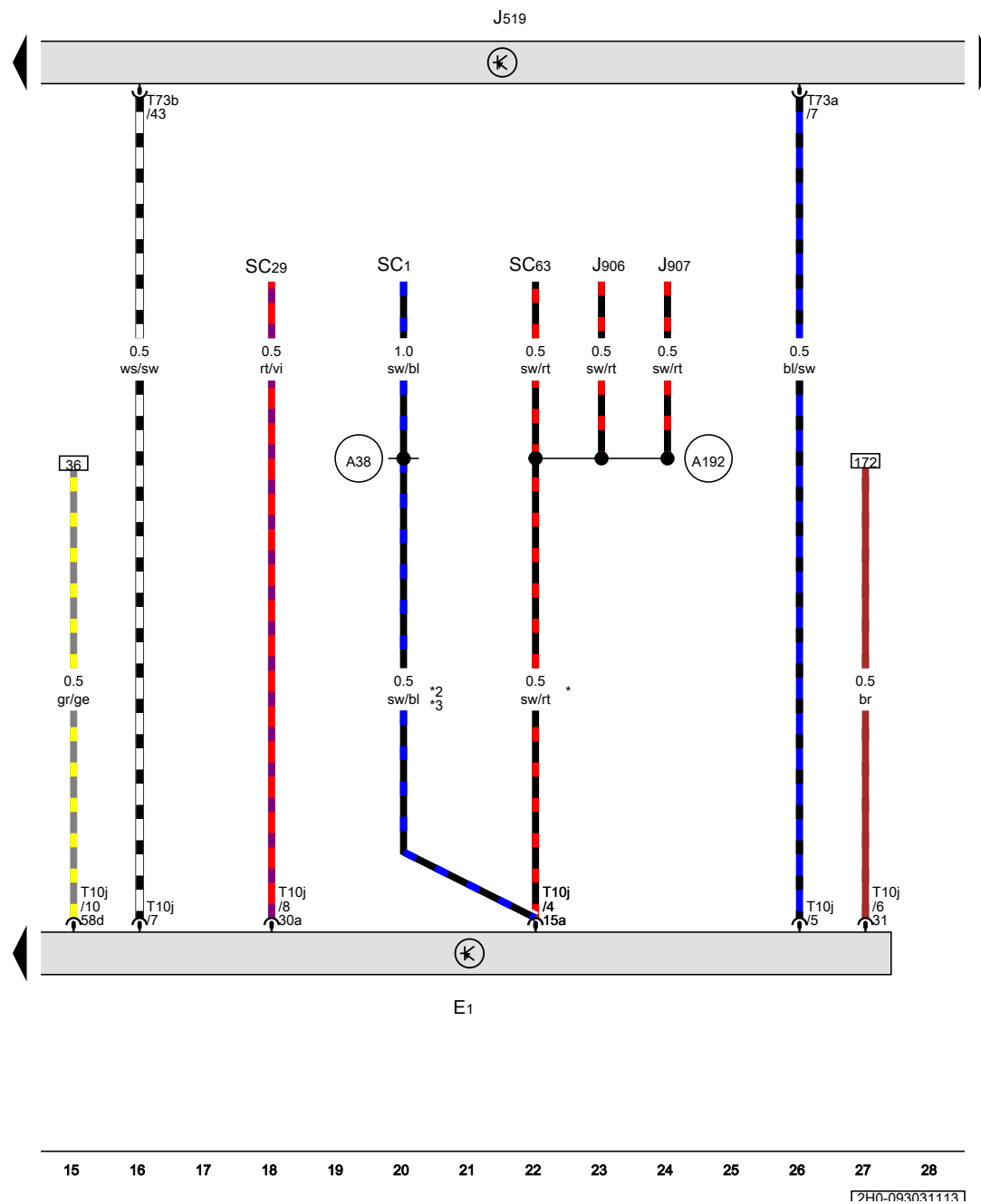
Light switch, Onboard supply control unit

- E1 Light switch
- J25 Headlight relay
- J519 Onboard supply control unit
- SC28 Fuse 28 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- B167** Connection (56b), in interior wiring harness



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

Light switch, Onboard supply control unit



- E1 Light switch
- J519 Onboard supply control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SC1 Fuse 1 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC63 Fuse 63 on fuse holder C
- T10j 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- A38 Positive connection 2 (15a) in dash panel wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- * Only models with start/stop system
- *2 Only models with no start/stop system
- *3 Only models with automatic driving lights control

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

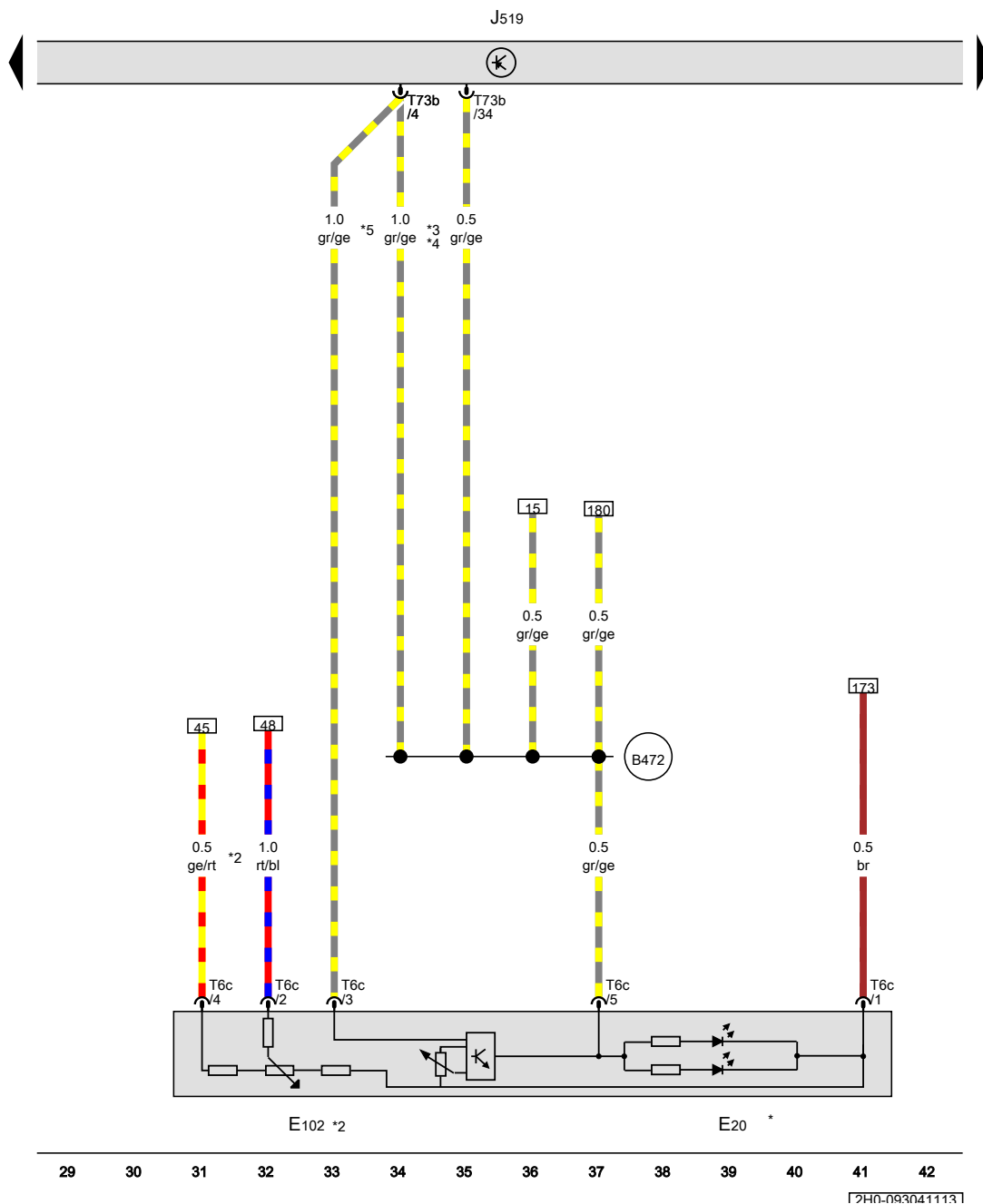
Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- T6c 6-pin connector
- T73b 73-pin connector, colourless

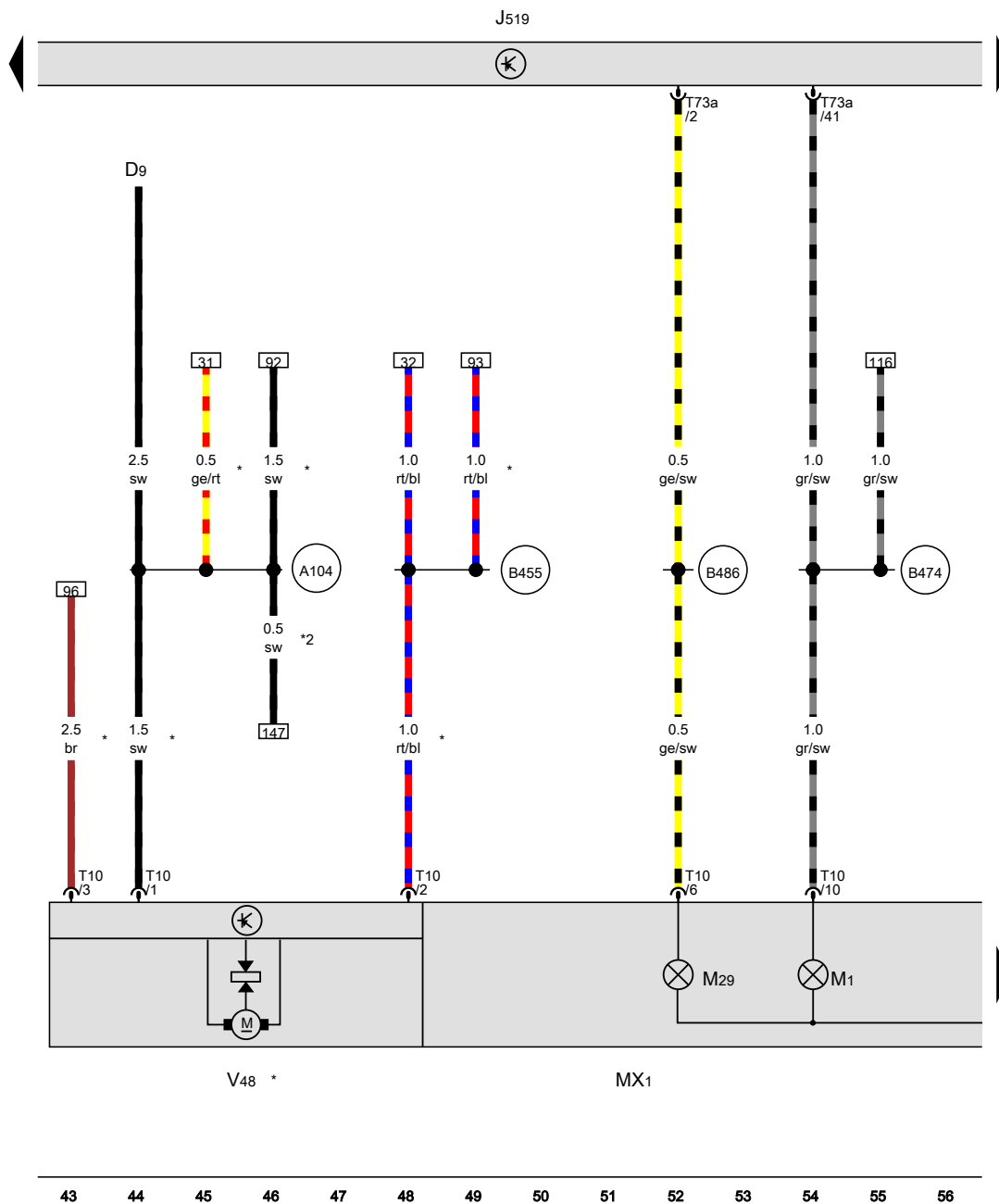
B472 Connection 8, in main wiring harness

- * Only models with dimmable instrument illumination
- *2 Only models with headlight range control
- *3 Only models with Trendline equipment
- *4 Only models with basic equipment
- *5 Only models with Highline 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, Front left headlight



- D9 Electronic ignition lock
- J519 Onboard supply control unit
- MX1 Front left headlight
- M1 Left side light bulb
- M29 Left headlight dipped beam bulb
- T10 10-pin connector
- T73a 73-pin connector, black
- V48 Left headlight range control motor

A104 Positive connection 2 (15), in dash panel wiring harness

B455 Connection (HRC), in main wiring harness

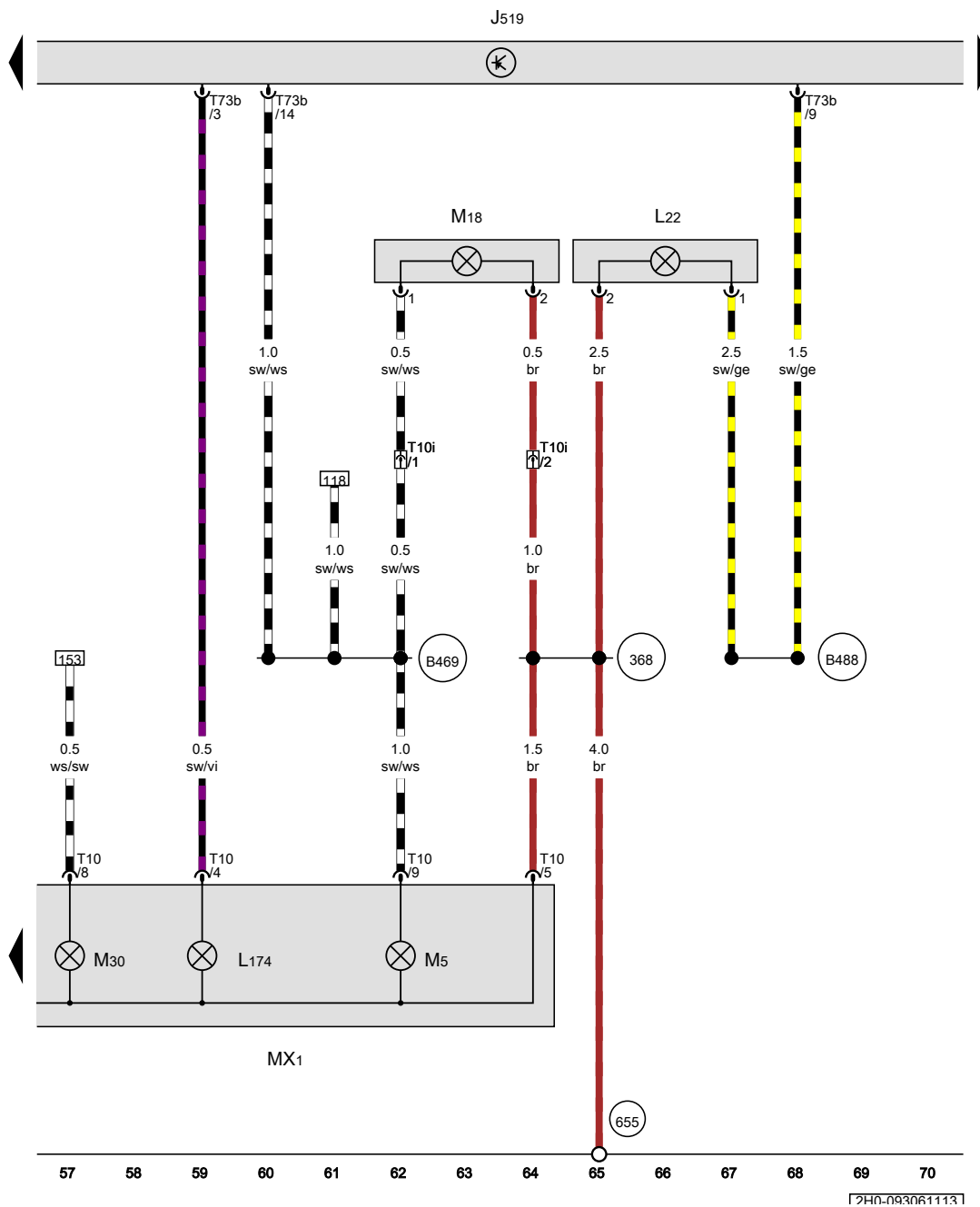
B474 Connection 10, in main wiring harness

B486 Connection 22, in main wiring harness

- * Only models with headlight range control
- *2 Only models with rain sensor

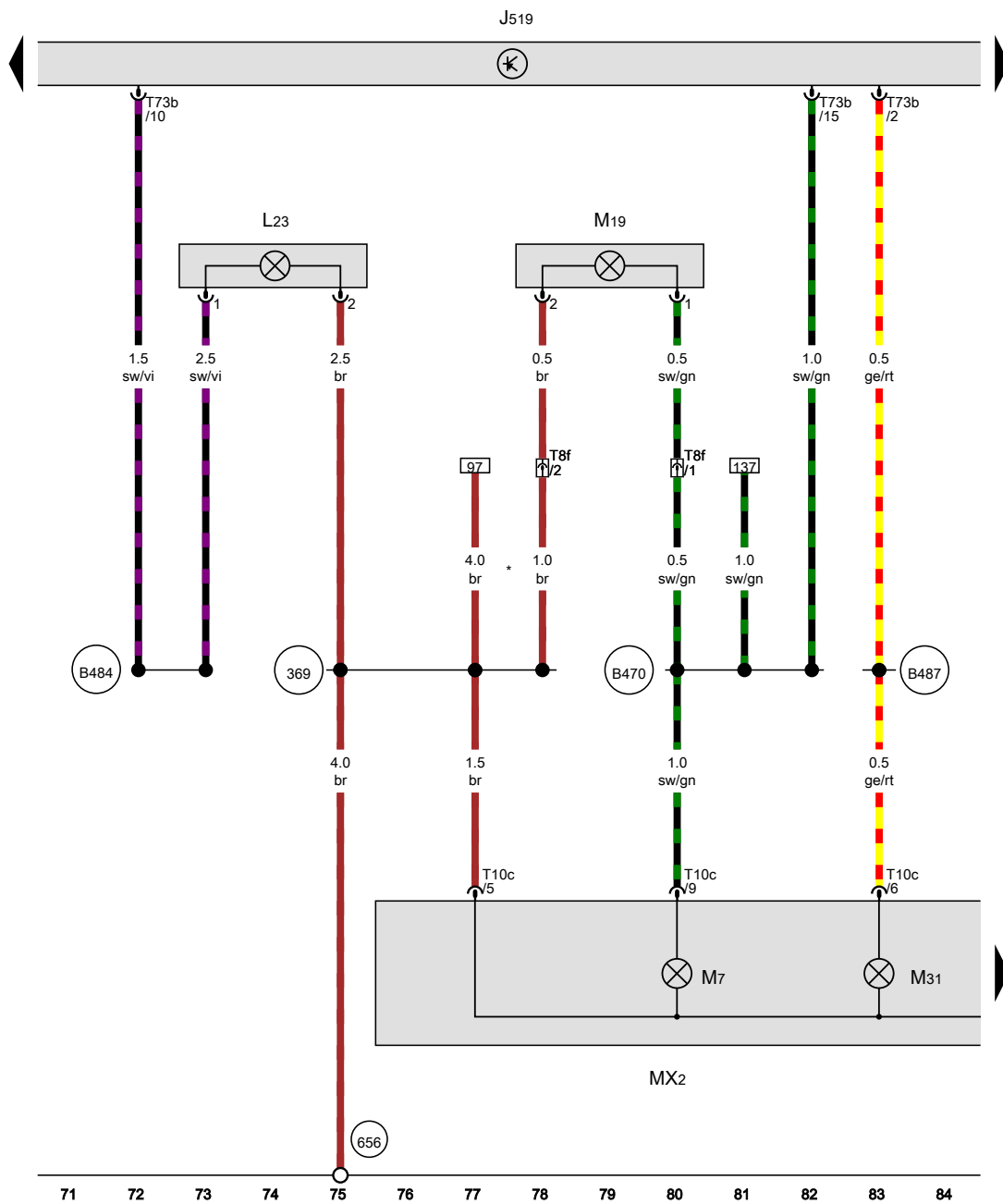
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb



- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- M30 Left headlight main beam bulb
- T10 10-pin connector, black
- T10i 10-pin connector, black
- T73b 73-pin connector, colourless

- 368 Earth connection 3, in main wiring harness
- 655 Earth point, on left headlight, on left on bulkhead
- B469 Connection 5, in main wiring harness
- B488 Connection 24, in main wiring harness



Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- M31 Right headlight dipped beam bulb
- T8f 8-pin connector, in rear right of engine compartment, black
- T10c 10-pin connector, black
- T73b 73-pin connector, colourless

- 369 Earth connection 4, in main wiring harness
- 656 Earth point, on right headlight, on right on bulkhead
- B470 Connection 6, in main wiring harness
- B484 Connection 20, in main wiring harness
- B487 Connection 23, in main wiring harness
- * Only models with headlight range control

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

1740-0930711131

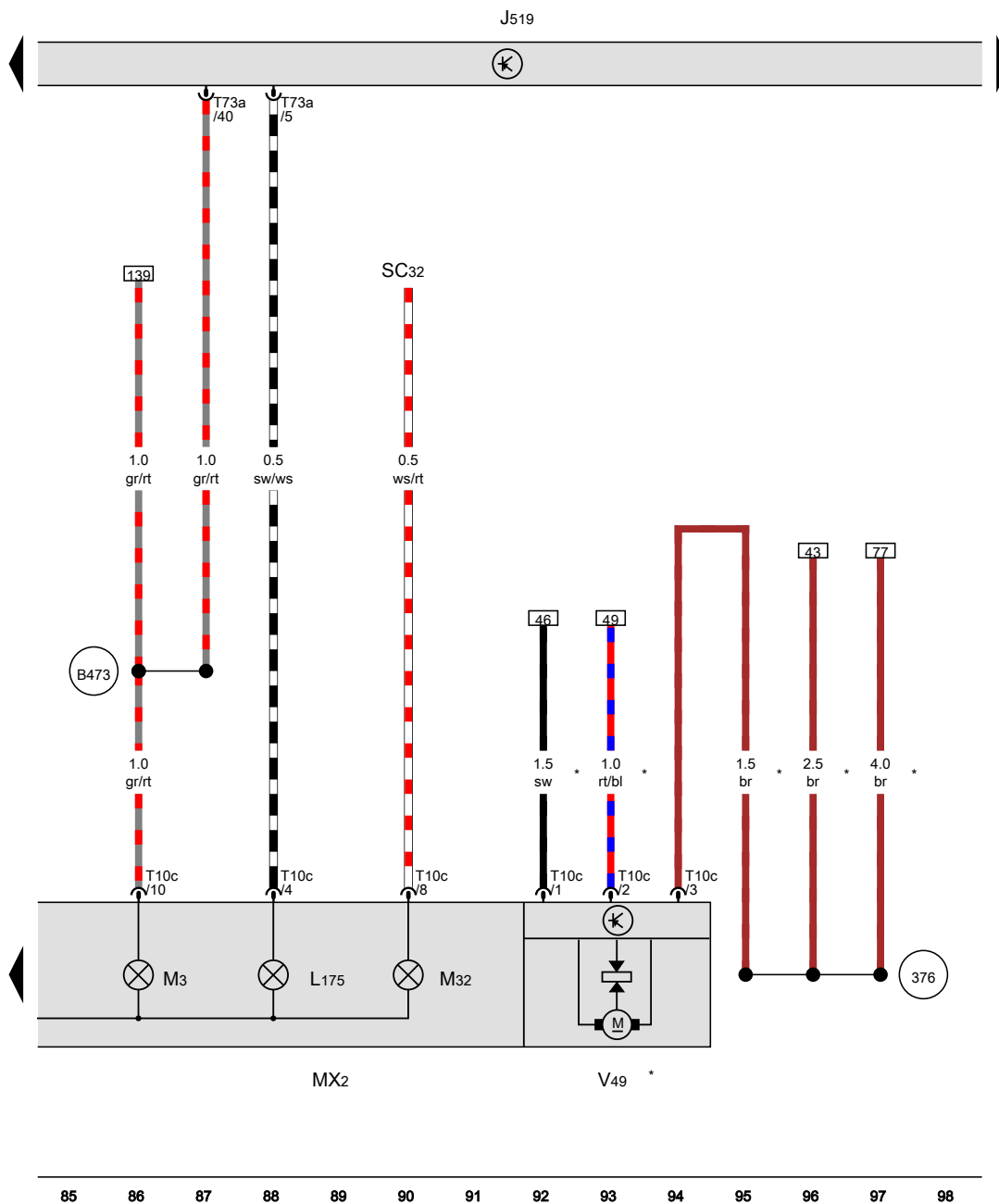
Onboard supply control unit, Front right headlight

- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M32 Right headlight main beam bulb
- SC32 Fuse 32 on fuse holder C
- T10c 10-pin connector, black
- T73a 73-pin connector, black
- V49 Right headlight range control motor

376 Earth connection 11, in main wiring harness

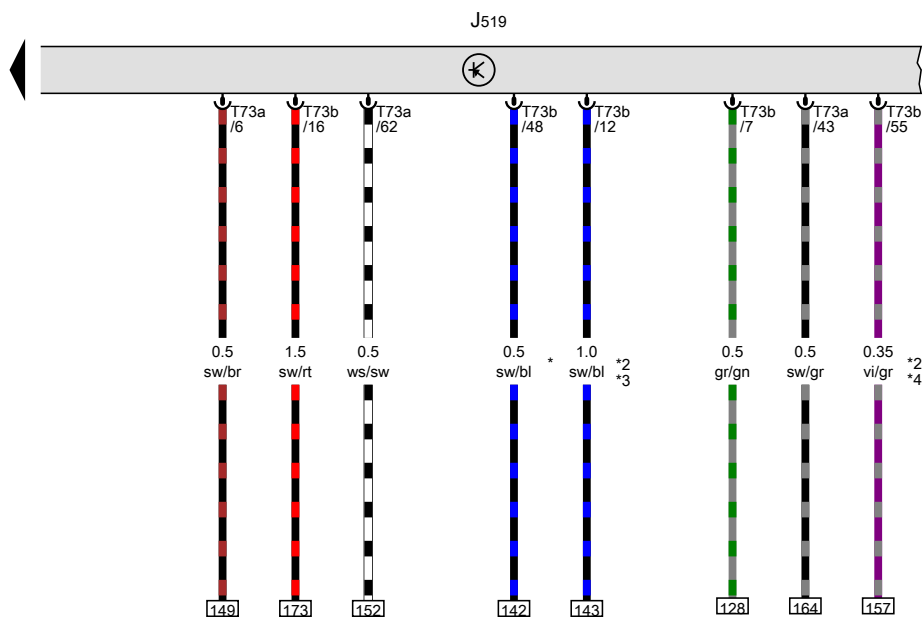
B473 Connection 9, in main wiring harness

* Only models with headlight range control



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

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Onboard supply control unit

- J519 Onboard supply control unit
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- * Only models with manual gearbox
- *2 Only models with automatic gearbox
- *3 Only models with automatic driving lights control
- *4 Only models with no start/stop system

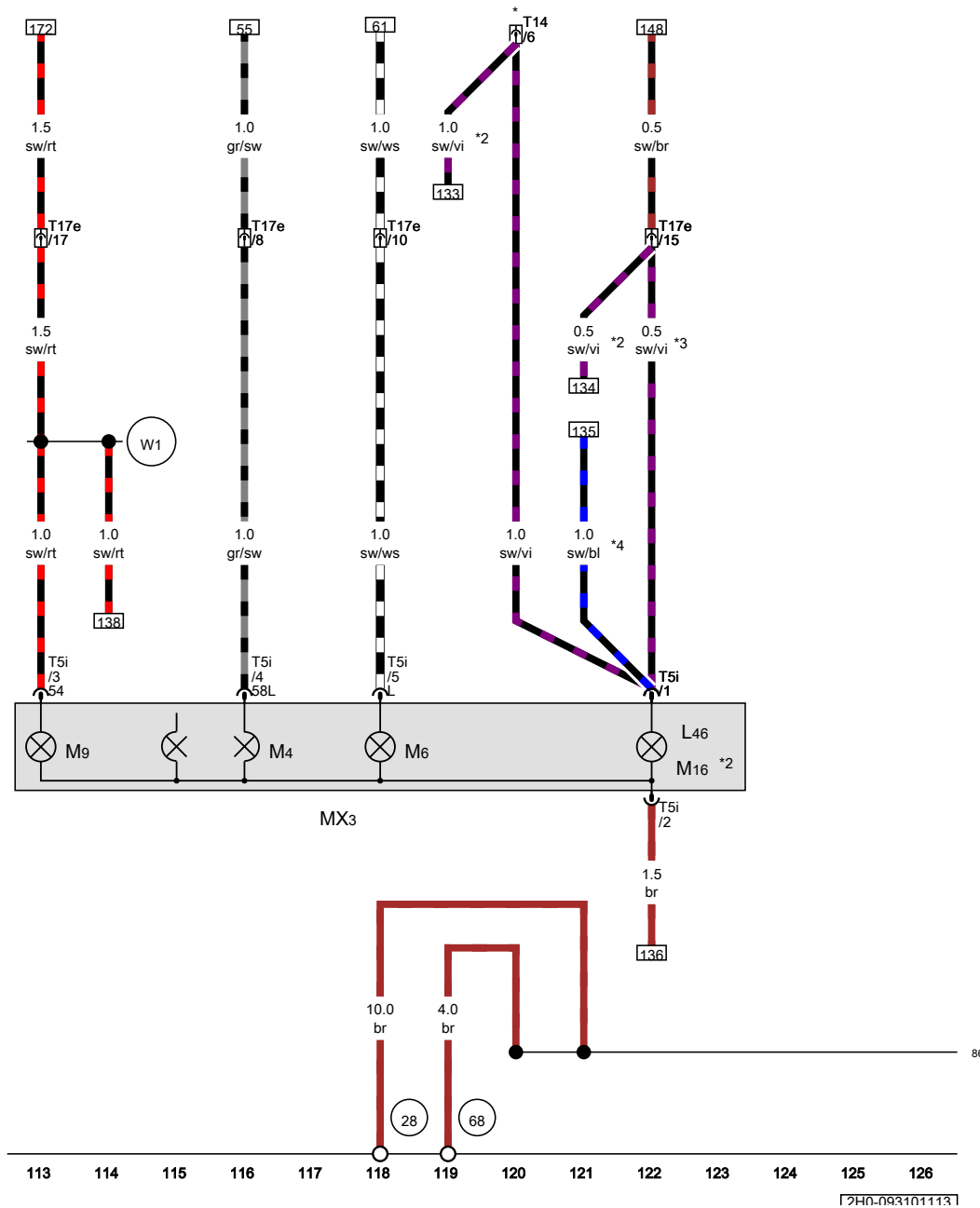
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Left tail light

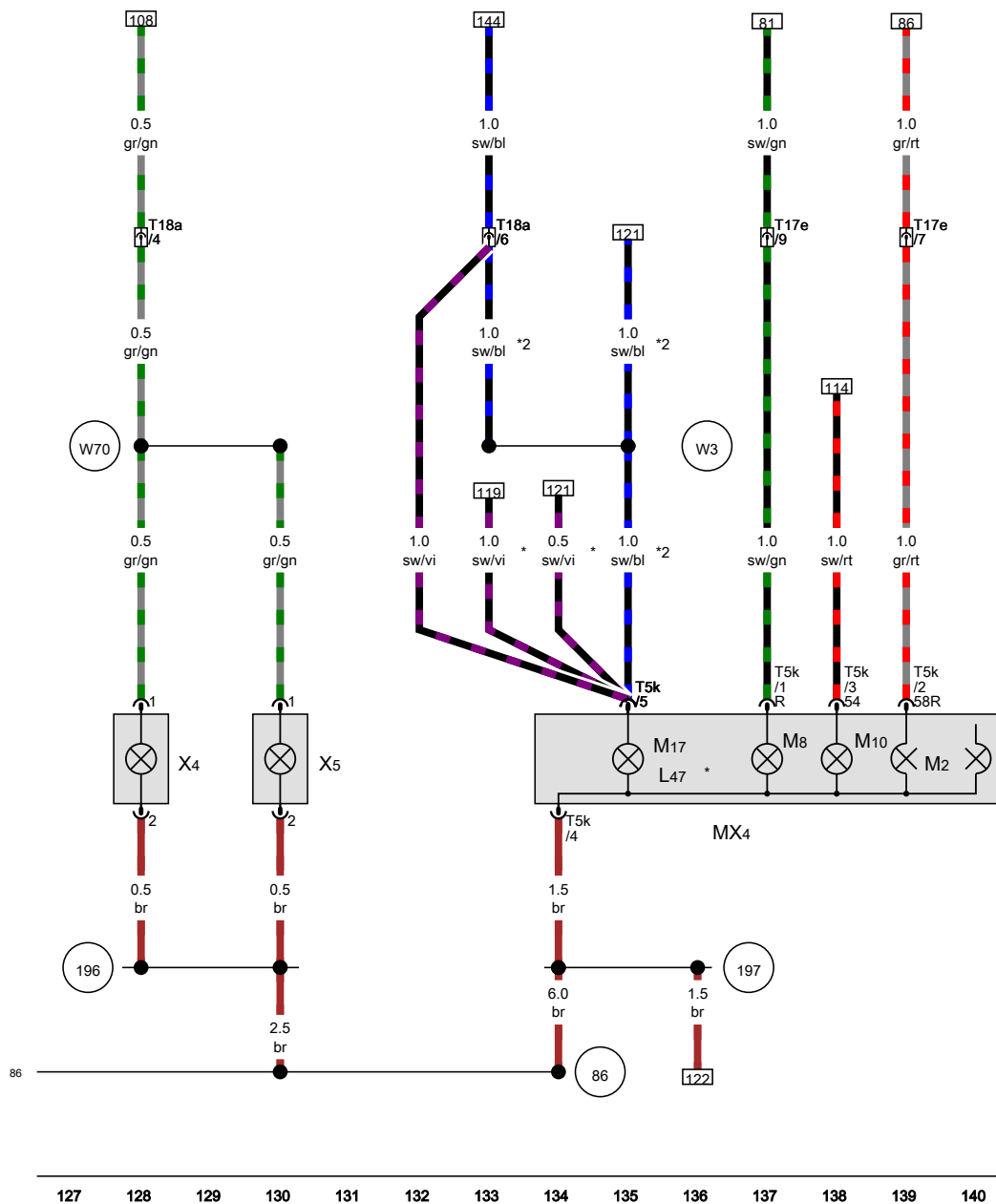
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- T5i 5-pin connector, black
- T14 14-pin connector, behind rear bumper on left
- T17e 17-pin connector, near handbrake lever, red

- 28 Earth point, on bulkhead
- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- W1 Positive connection 1 (54), in rear wiring harness

- * see applicable current flow diagram for preparation for trailer coupling
- *2 Only right-hand drive models
- *3 Only models with no towing bracket
- *4 Only models with no rear fog light



Right tail light, Left number plate light, Right number plate light



- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- T5k 5-pin connector
- T17e 17-pin connector, near handbrake lever, red
- T18a 18-pin connector, near engine control unit, grey
- X4 Left number plate light
- X5 Right number plate light

- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 197 Earth connection 4, in rear wiring harness
- W3 Connection in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- * Only right-hand drive models
- *2 Only models with no rear fog light

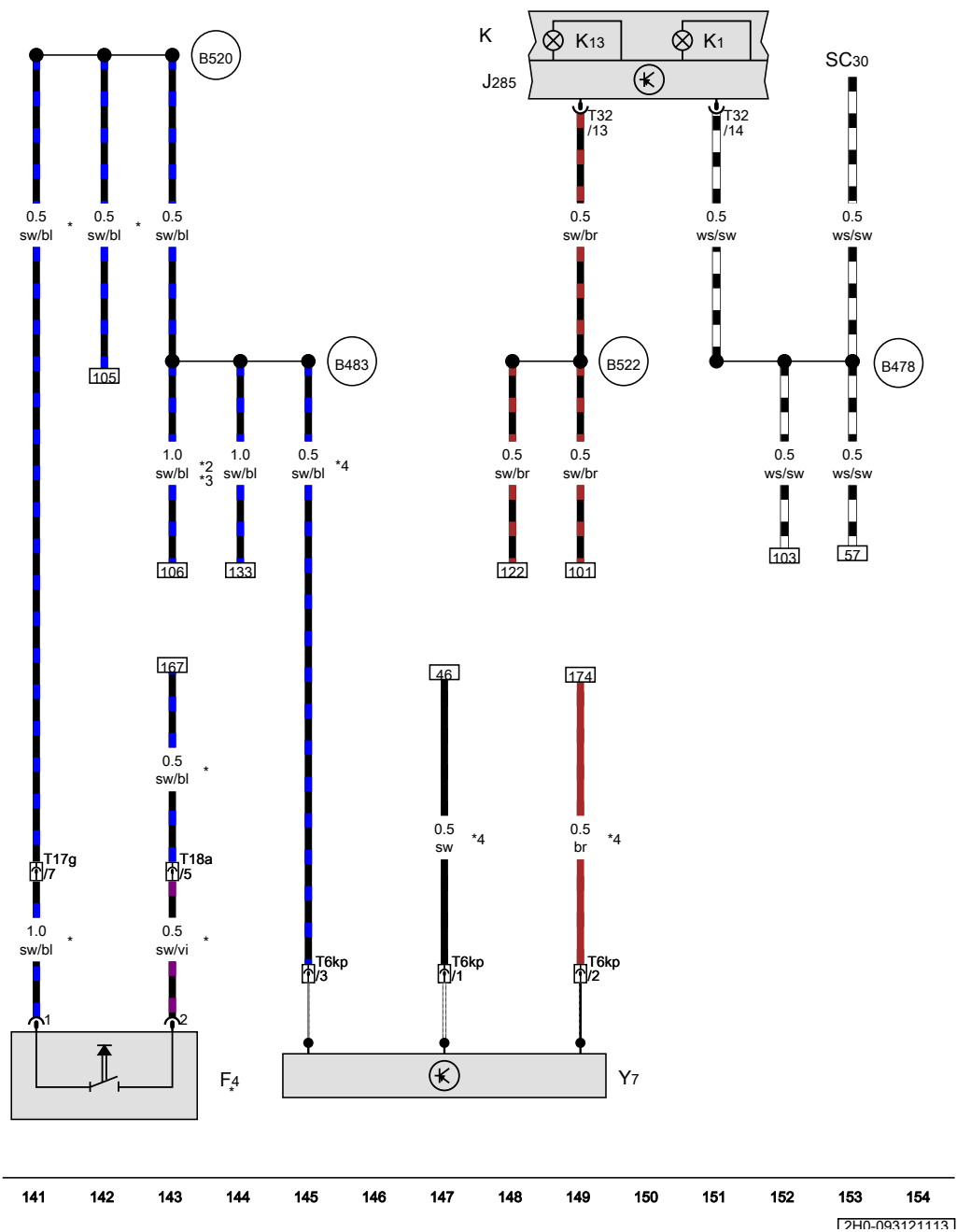
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Reversing light switch, Dash panel insert, Automatic anti-dazzle interior mirror

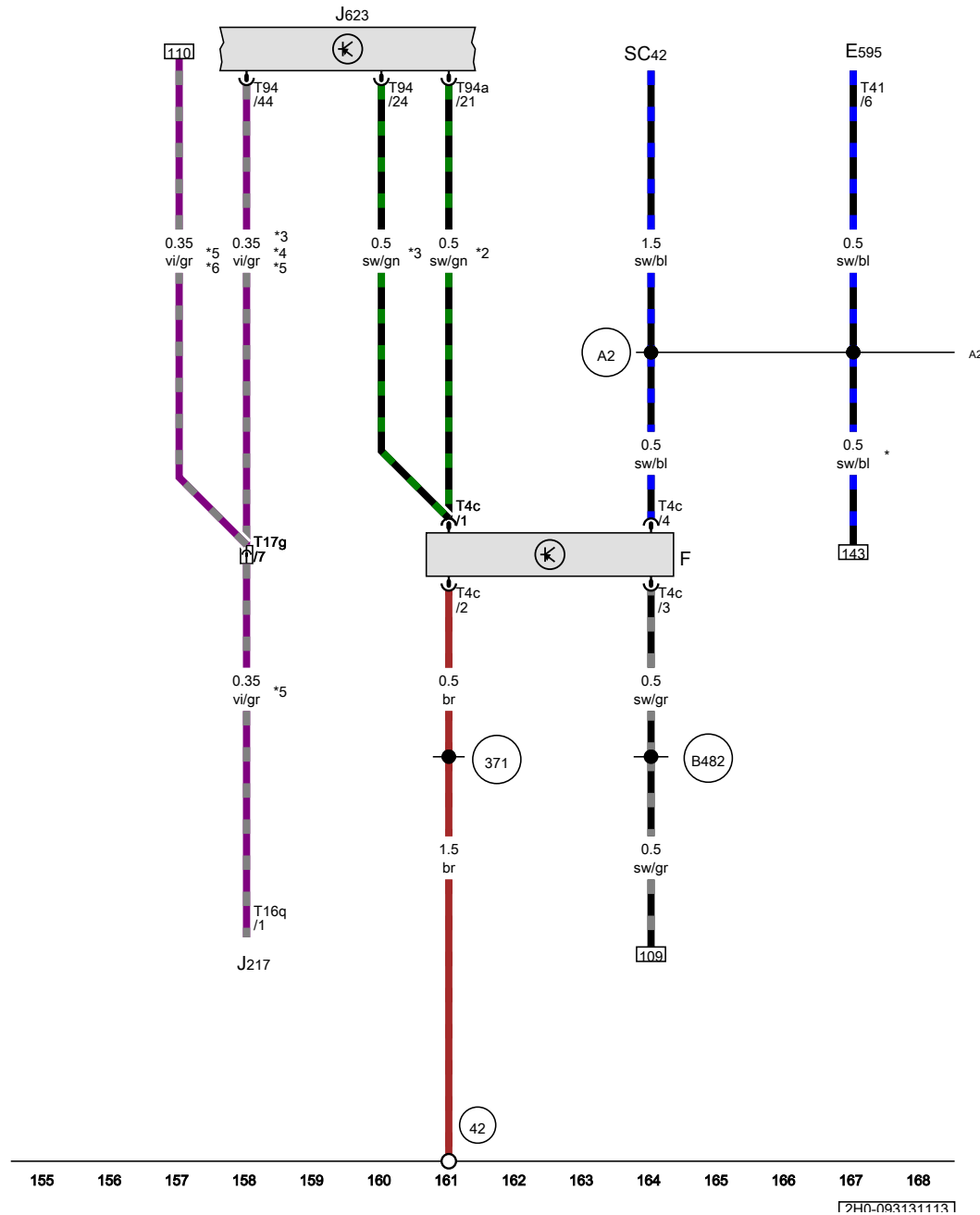
- F4 Reversing light switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- SC30 Fuse 30 on fuse holder C
- T6kp 6-pin connector, on interior mirror, black
- T17g 17-pin connector, near handbrake lever, black
- T18a 18-pin connector, near engine control unit, grey
- T32 32-pin connector, blue
- Y7 Automatic anti-dazzle interior mirror

- B478 Connection 14, in main wiring harness
- B483 Connection 19, in main wiring harness
- B520 Connection (RL), in main wiring harness
- B522 Connection (FL), in main wiring harness

- * Only models with manual gearbox
- *2 Only models with automatic gearbox
- *3 Only models with automatic driving lights control
- *4 Only models with rain sensor



Steering column combination switch, Brake light switch,
Fuse 42 on fuse holder C

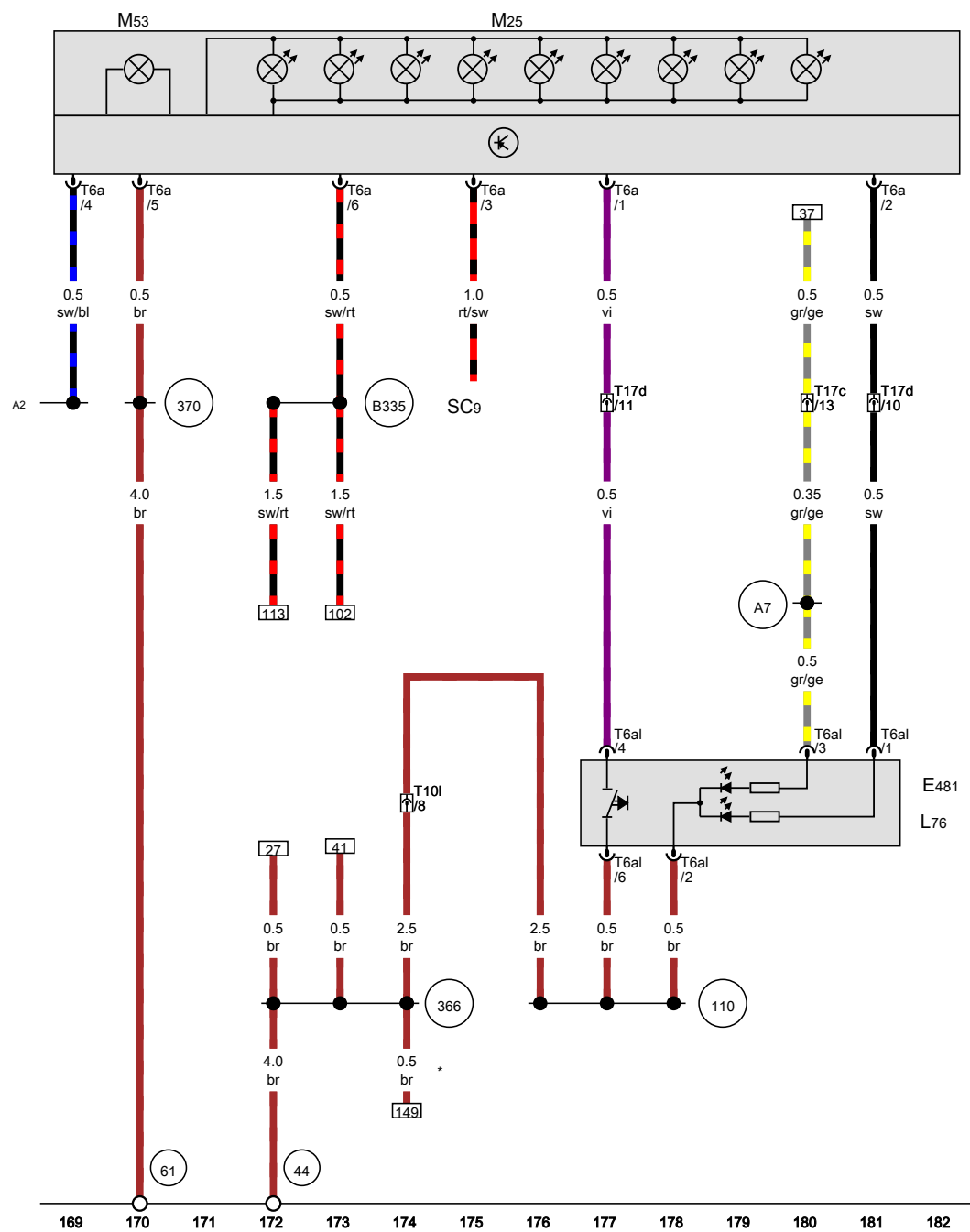


- E595 Steering column combination switch
- F Brake light switch
- J217 Automatic gearbox control unit
- J623 Engine control unit
- SC42 Fuse 42 on fuse holder C
- T4c 4-pin connector
- T16q 16-pin connector
- T17g 17-pin connector, near handbrake lever, black
- T41 41-pin connector, grey
- T94 94-pin connector, black
- T94a 94-pin connector

- 42 Earth point, next to steering column
- 371 Earth connection 6, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- B482 Connection 18, in main wiring harness

- * Only models with manual gearbox
- *2 Only models with diesel engine
- *3 Only models with petrol engine
- *4 Only models with start/stop system
- *5 Only models with automatic gearbox
- *6 Only models with no start/stop system

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



Load area illumination switch, Additional brake light bulb, Load area illumination bulb

- E481 Load area illumination switch, near radio
- L76 Button illumination bulb
- M25 Additional brake light bulb
- M53 Load area illumination bulb
- SC9 Fuse 9 on fuse holder C
- T6a 6-pin connector, black
- T6al 6-pin connector, blue
- T10l 10-pin connector, on relay carrier, blue
- T17c 17-pin connector, on relay carrier, white
- T17d 17-pin connector, on left under dash panel, green

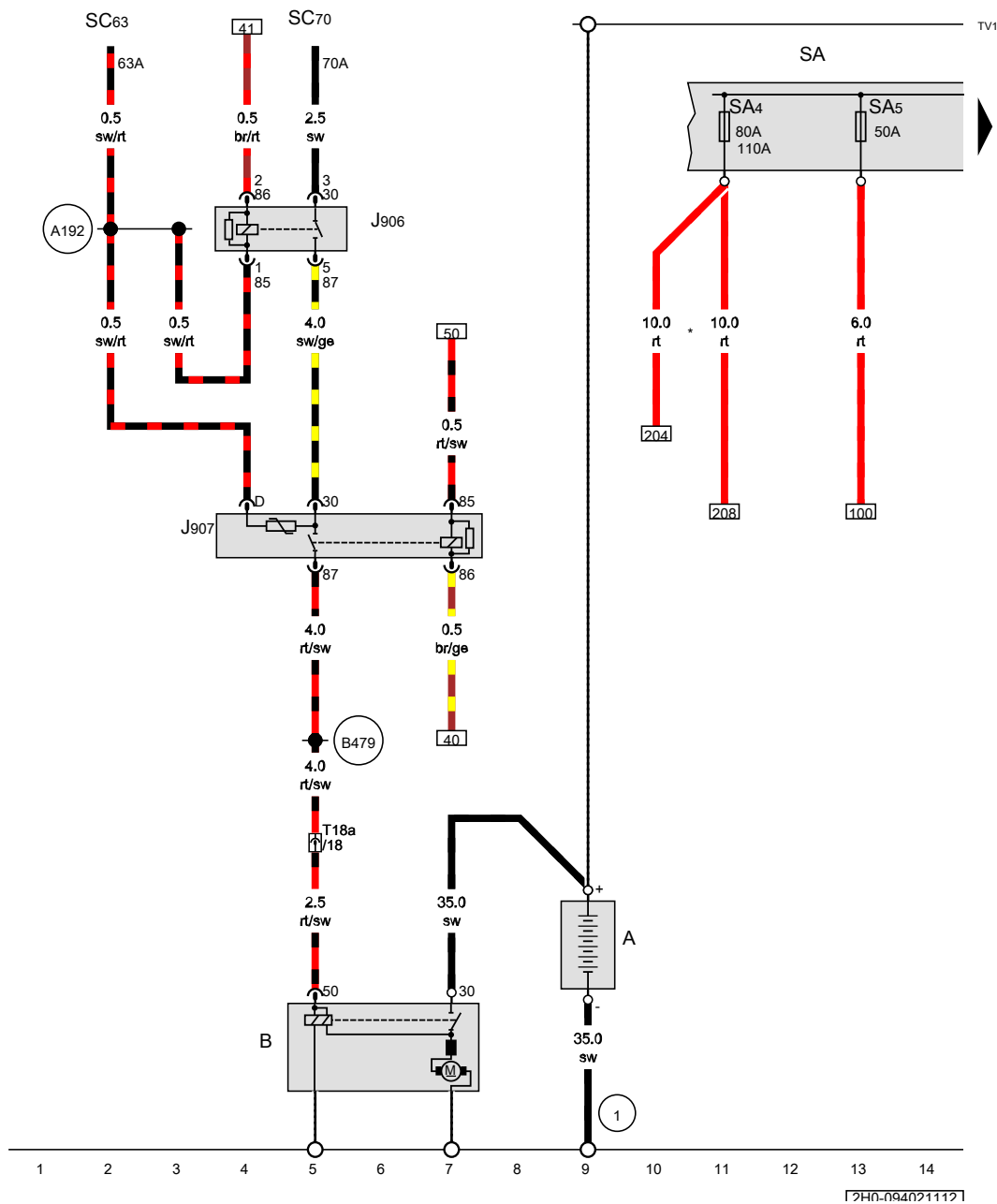
- 44 Earth point, lower part of left A-pillar
- 61 Earth point, left C-pillar
- 110 Earth connection 2, in dash panel wiring harness
- 366 Earth connection 1, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- A7 Positive connection (58 D1), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- * Only models with rain sensor

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

2.0l diesel engine , CNEA,CSHA,CNFA,CNFB,(7L6)

From January 2013

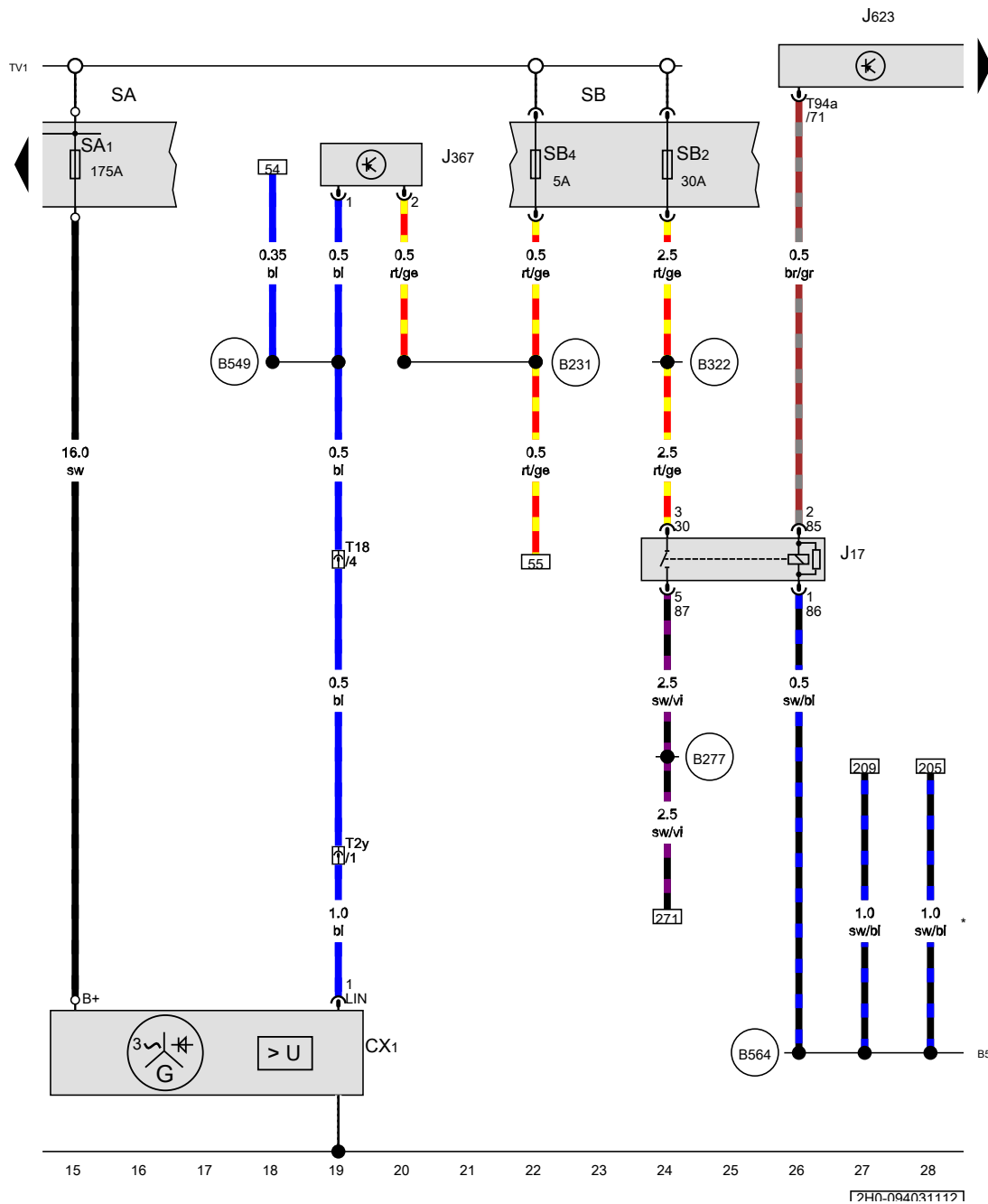
Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A



- A Battery
- B Starter
- J906 Starter relay 1
- J907 Starter relay 2
- SA Fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SC63 Fuse 63 on fuse holder C
- SC70 Fuse 70 on fuse holder C
- T18a 18-pin connector, near engine control unit, grey

- 1 Earth strap, battery - body
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B479 Connection 15, in main wiring harness
- * Hot country version

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



Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse holder B

- CX1 Alternator with voltage regulator
- J17 Fuel pump relay
- J367 Battery monitor control unit
- J623 Engine control unit
- SA Fuse holder A
- SA1 Fuse 1 in fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- T2y 2-pin connector, front left in engine compartment, black
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

B231 Positive connection 5 (30a), in interior wiring harness

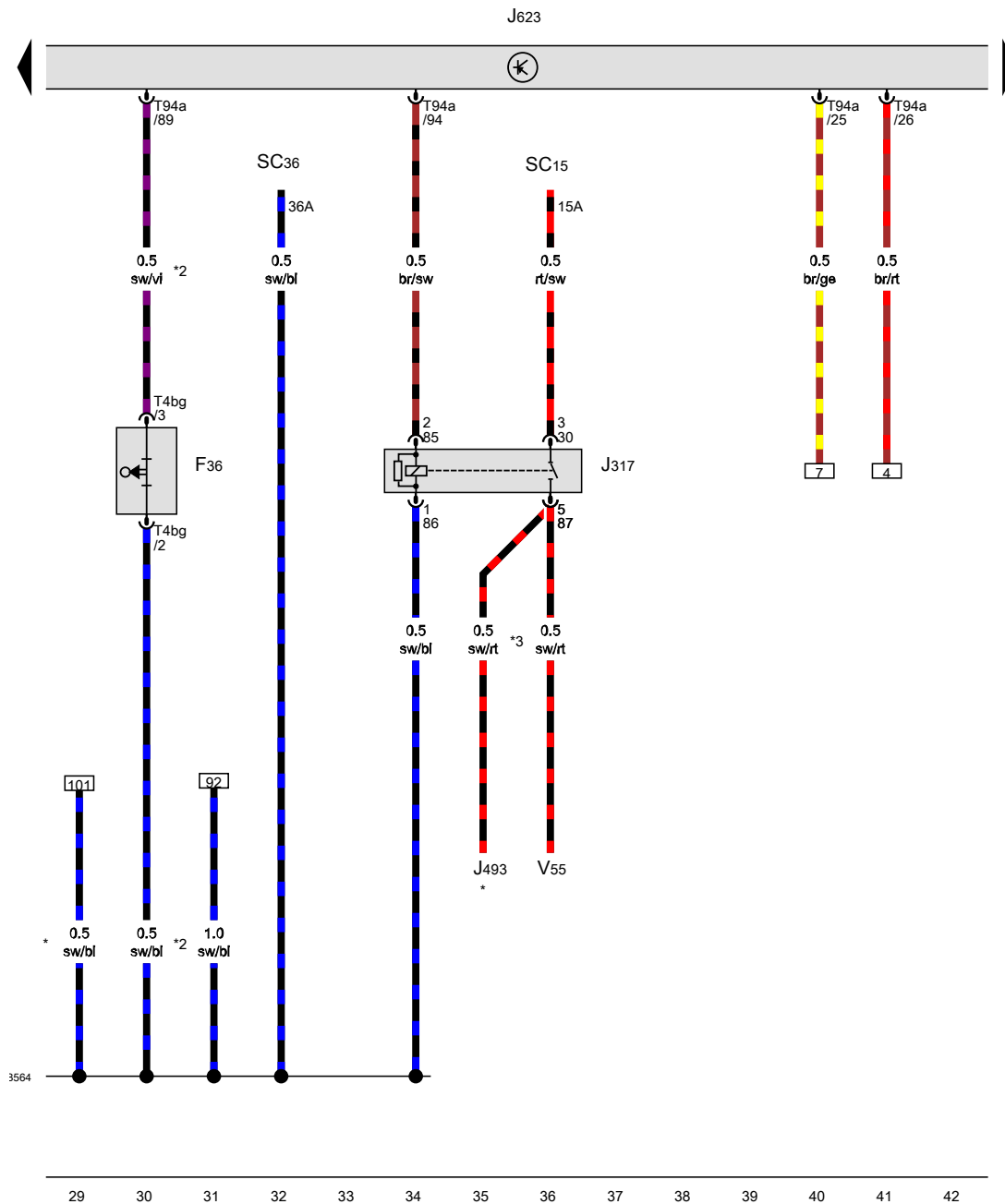
B277 Positive connection 1 (15a) in main wiring harness

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

B549 Connection 2 (LIN bus) in main wiring harness

B564 Connection 31, in main wiring harness

* Hot country version



Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C

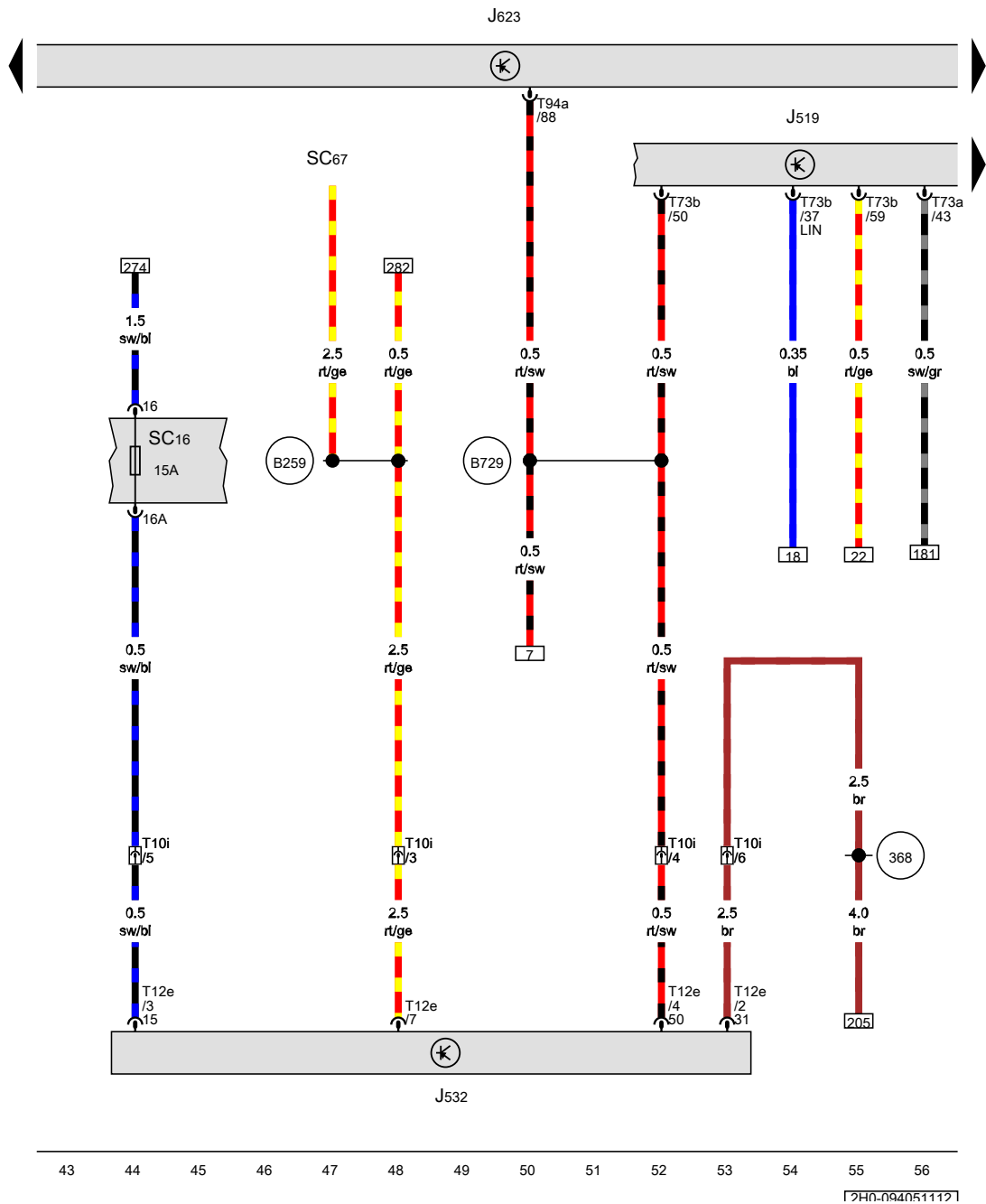
- F36 Clutch pedal switch
- J317 Terminal 30 voltage supply relay, on relay carrier
- J493 Auxiliary coolant heater relay
- J623 Engine control unit
- SC15 Fuse 15 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4bg 4-pin connector
- T94a 94-pin connector, black
- V55 Circulation pump

B564 Connection 31, in main wiring harness

- * see applicable current flow diagram for air conditioning
- *2 Only models with manual gearbox
- *3 Only models with Climatronic

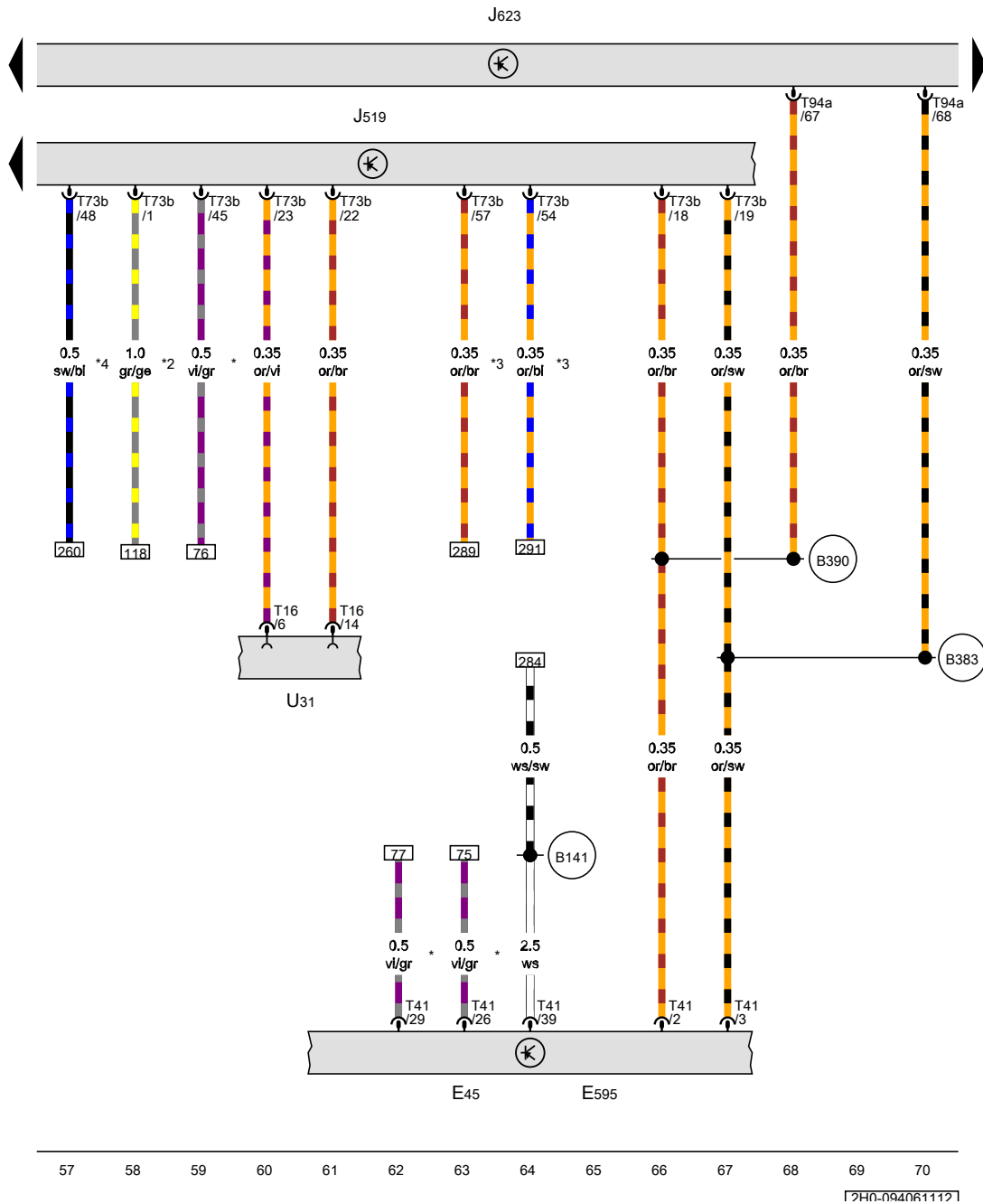
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C

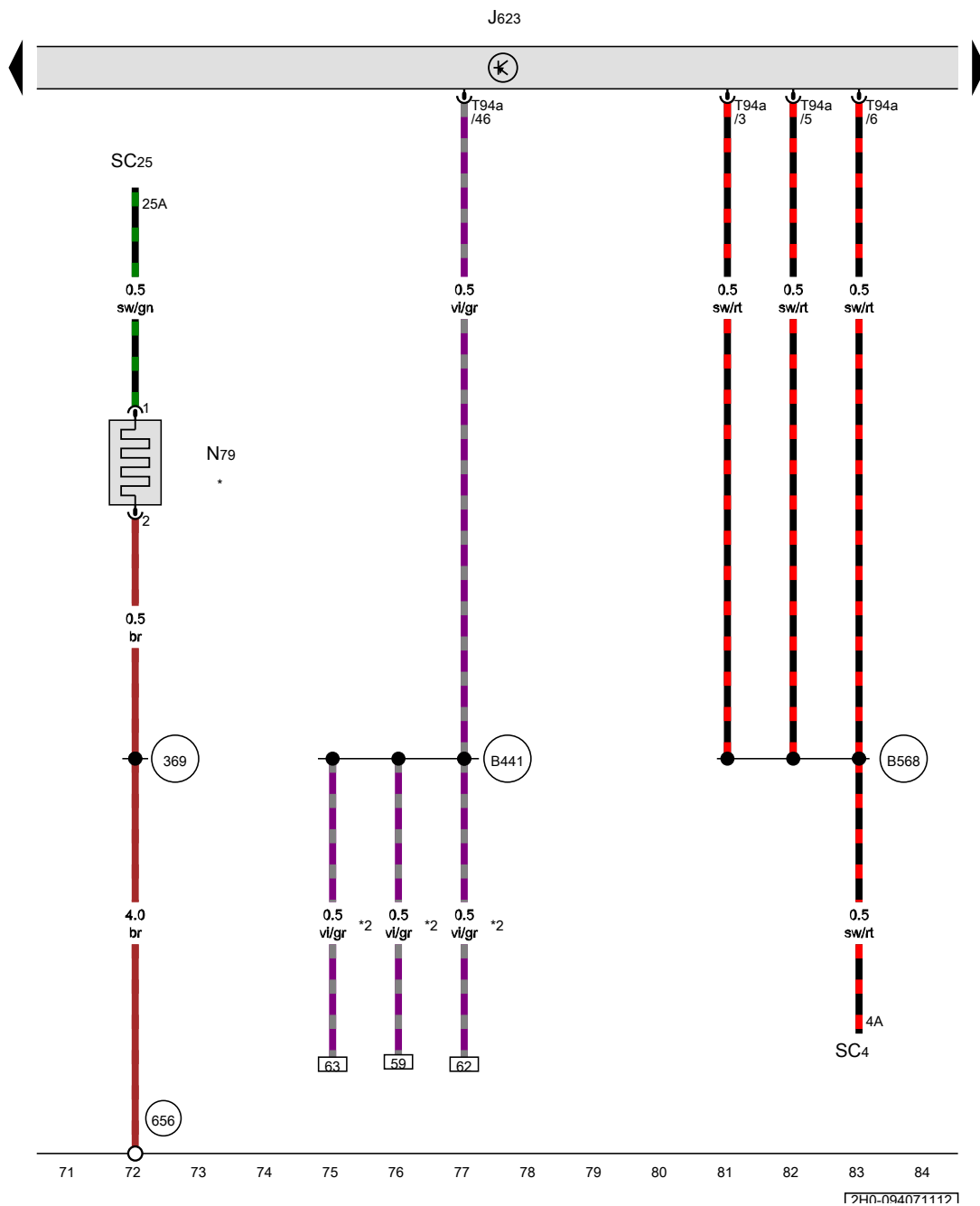


- J519 Onboard supply control unit
- J532 Voltage stabiliser, in front left wing
- J623 Engine control unit
- SC16 Fuse 16 on fuse holder C
- SC67 Fuse 67 on fuse holder C
- T10i 10-pin connector, on left wheel housing, black
- T12e 12-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black
- 368 Earth connection 3, in main wiring harness
- B259 Connection (start/stop signal), in interior wiring harness
- B729 Connection 1 (50), in main wiring harness

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit



- E45 Cruise control system switch
- E595 Steering column combination switch
- J519 Onboard supply control unit
- J623 Engine control unit
- T16 16-pin connector, black
- T41 41-pin connector, grey
- T73b 73-pin connector, colourless
- T94a 94-pin connector, black
- U31 Diagnostic connection
- B141 Positive connection 1 (56a), 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
- * Only models with cruise control system (CCS)
- *2 Only models with no headlight range control, see respective Current Flow Diagram headlight
- *3 Only models with automatic driving lights control
- *4 Only models with manual gearbox



Engine control unit, Heater element for crankcase breather,
Fuse 4 on fuse holder C, Fuse 25 on fuse holder C

J623 Engine control unit
N79 Heater element for crankcase breather
SC4 Fuse 4 on fuse holder C
SC25 Fuse 25 on fuse holder C
T94a 94-pin connector, black

369 Earth connection 4, in main wiring harness

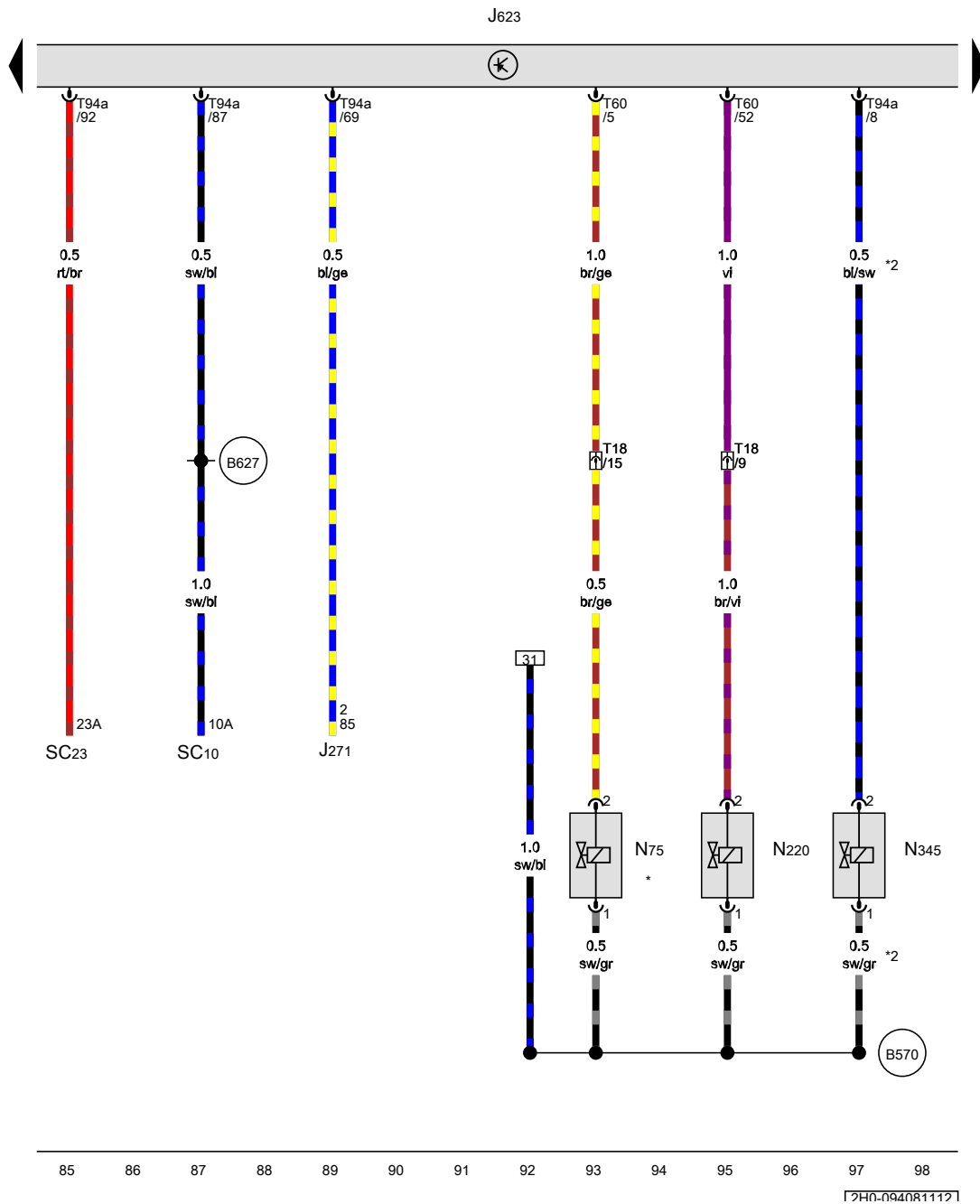
656 Earth point, on right headlight

B441 Connection (CCS), in main wiring harness

B568 Connection 35, in main wiring harness

* Only models with crankcase breather heater element

*2 Only models with cruise control system (CCS)



Main relay, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

- J271 Main relay, on relay carrier
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N220 Exhaust flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- SC10 Fuse 10 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

B570 Connection 37, in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

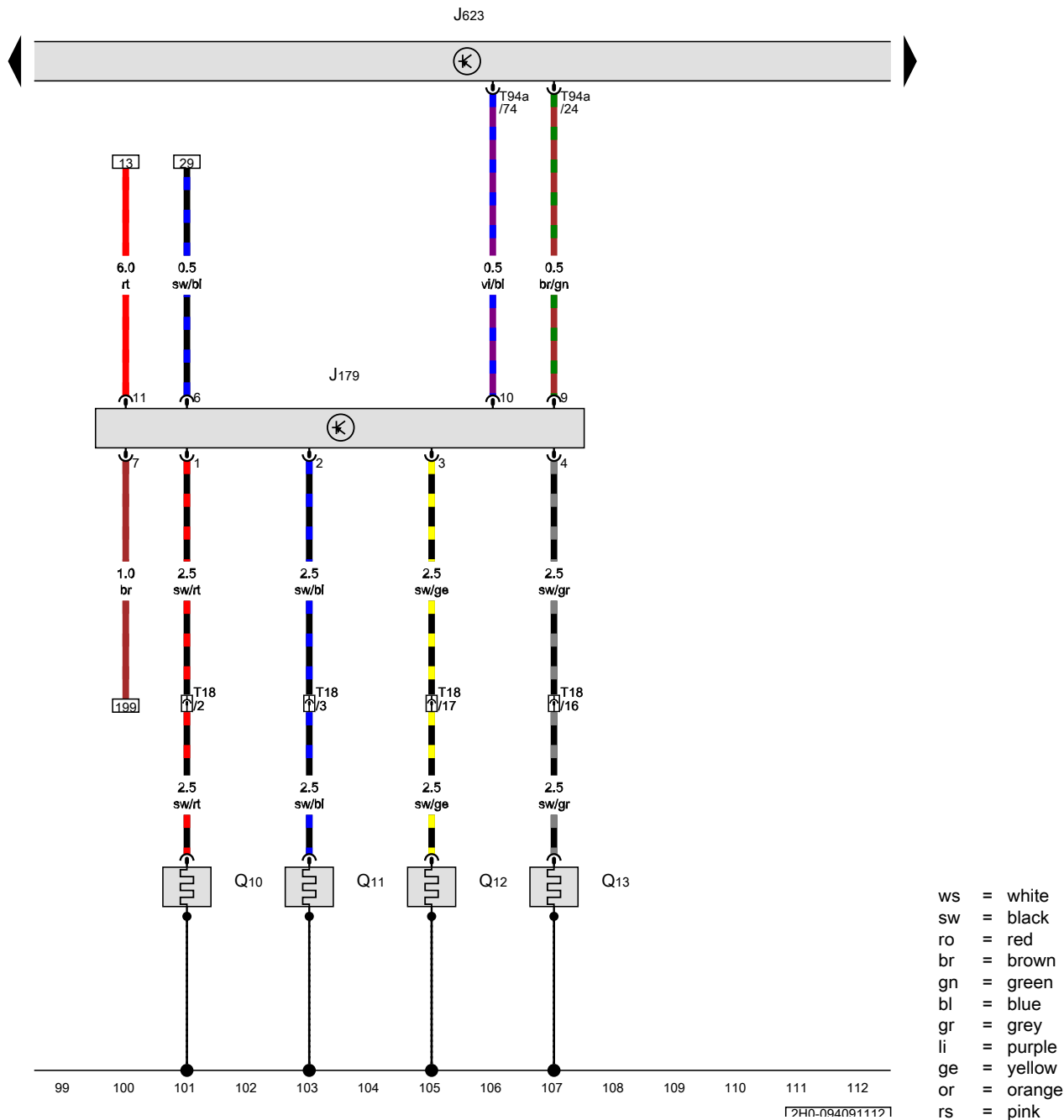
* According to equipment

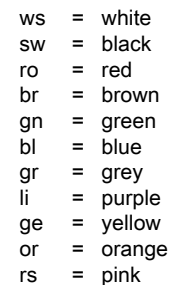
*2 Only models with Euro 5 emission standard

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

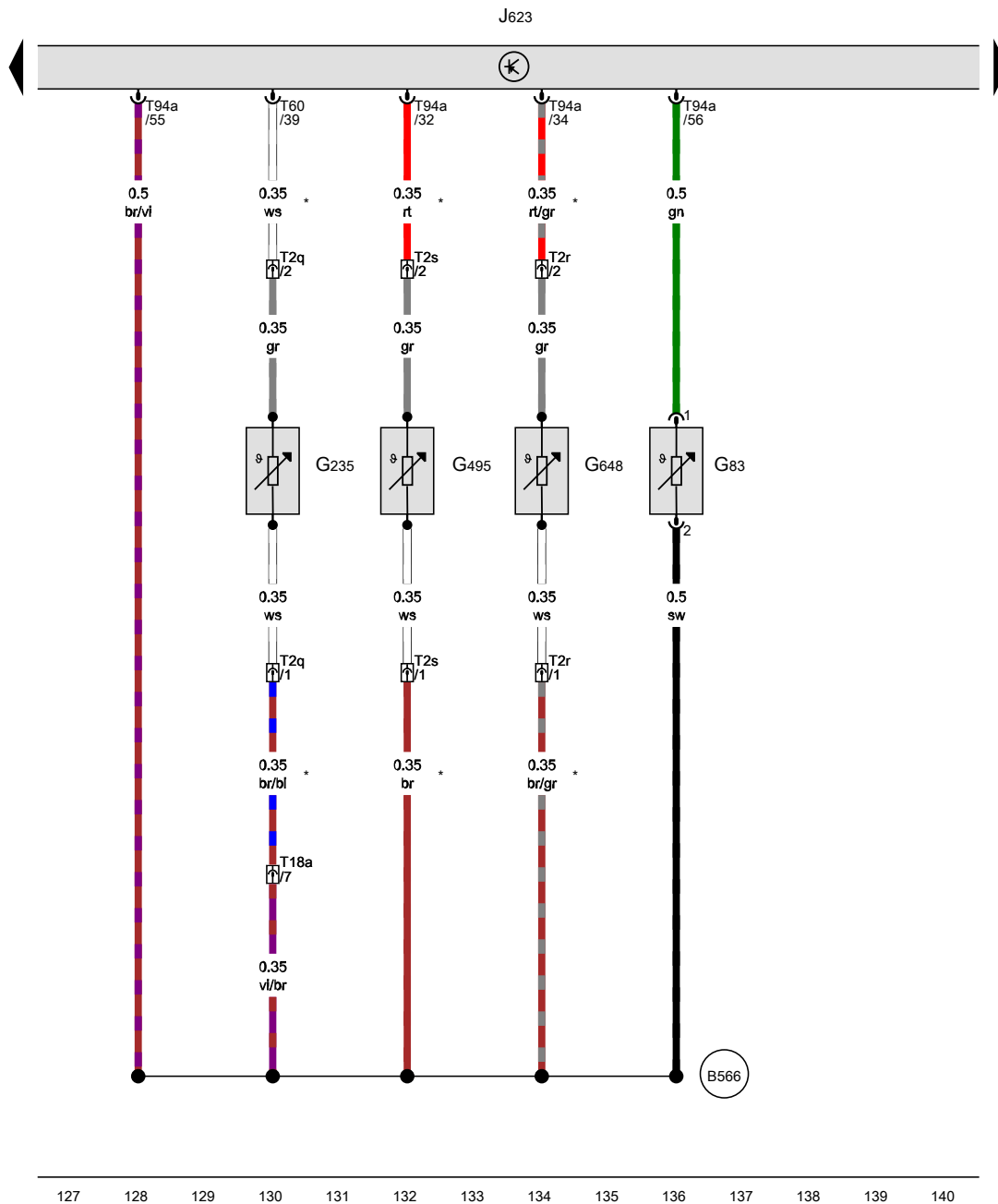
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black





* Only models with no headlight range control, see respective Current Flow Diagram headlight



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

- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2q 2-pin connector, in front right wheel housing, black
- T2r 2-pin connector, in front right wheel housing, orange
- T2s 2-pin connector, in front right wheel housing, brown
- T18a 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black

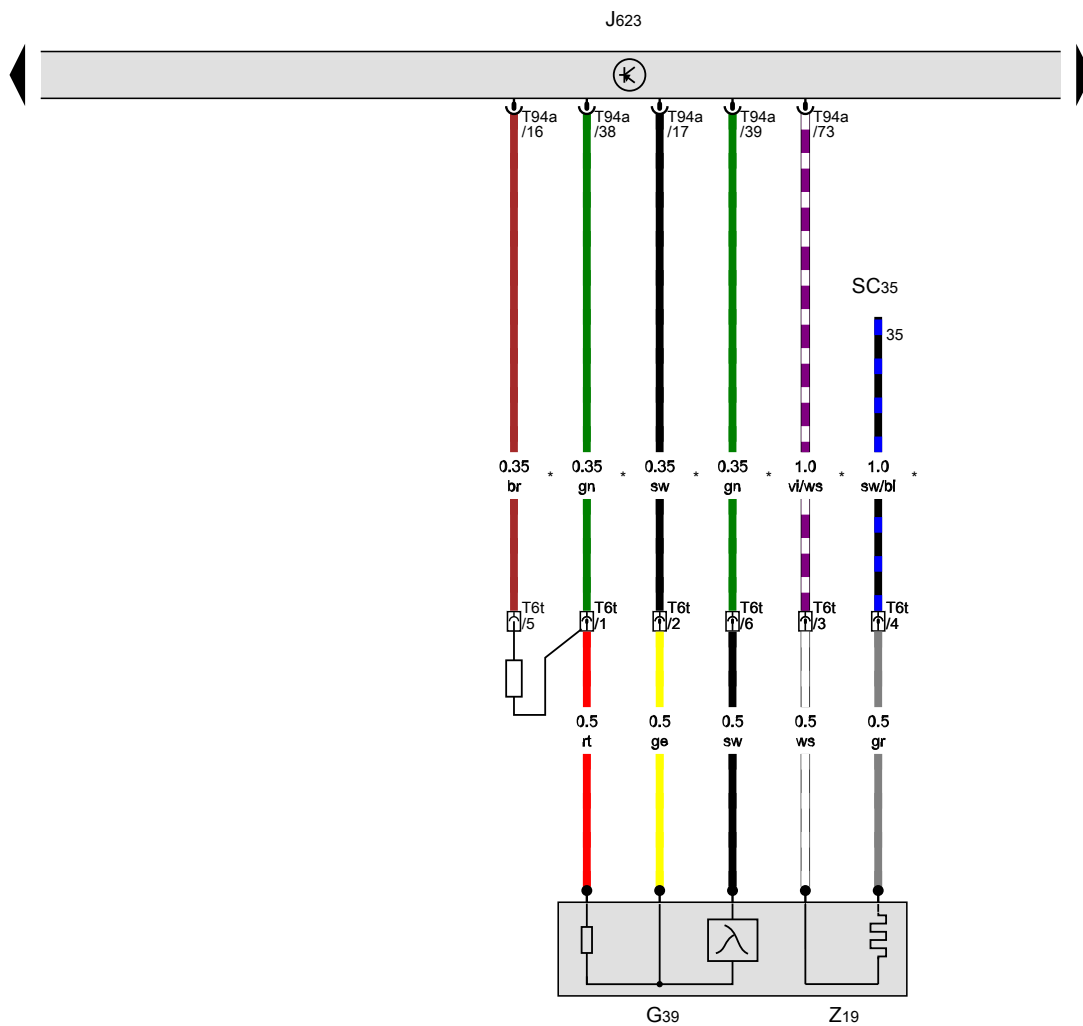
B566 Connection 33, in main wiring harness

* Only models with Euro 5 emission standard

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

Lambda probe, Engine control unit, Fuse 35 on fuse holder C

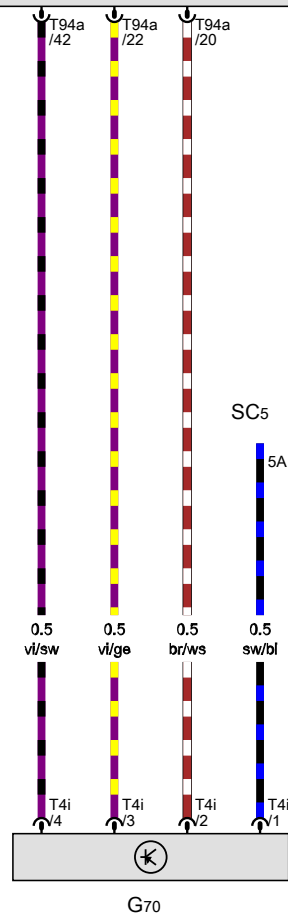
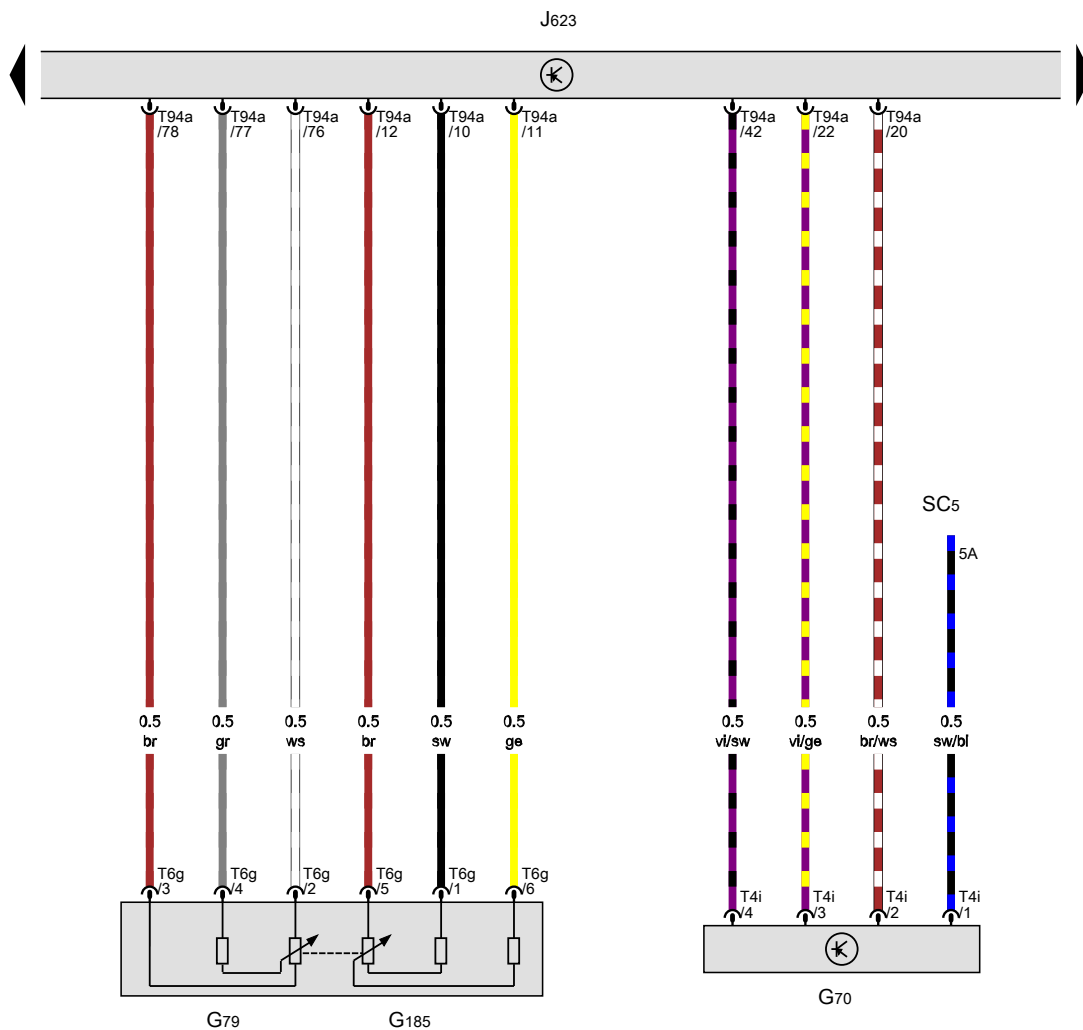
- G39 Lambda probe
- J623 Engine control unit
- SC35 Fuse 35 on fuse holder C
- T6t 6-pin connector, front right in engine compartment, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater
- * Only models with Euro 5 emission standard



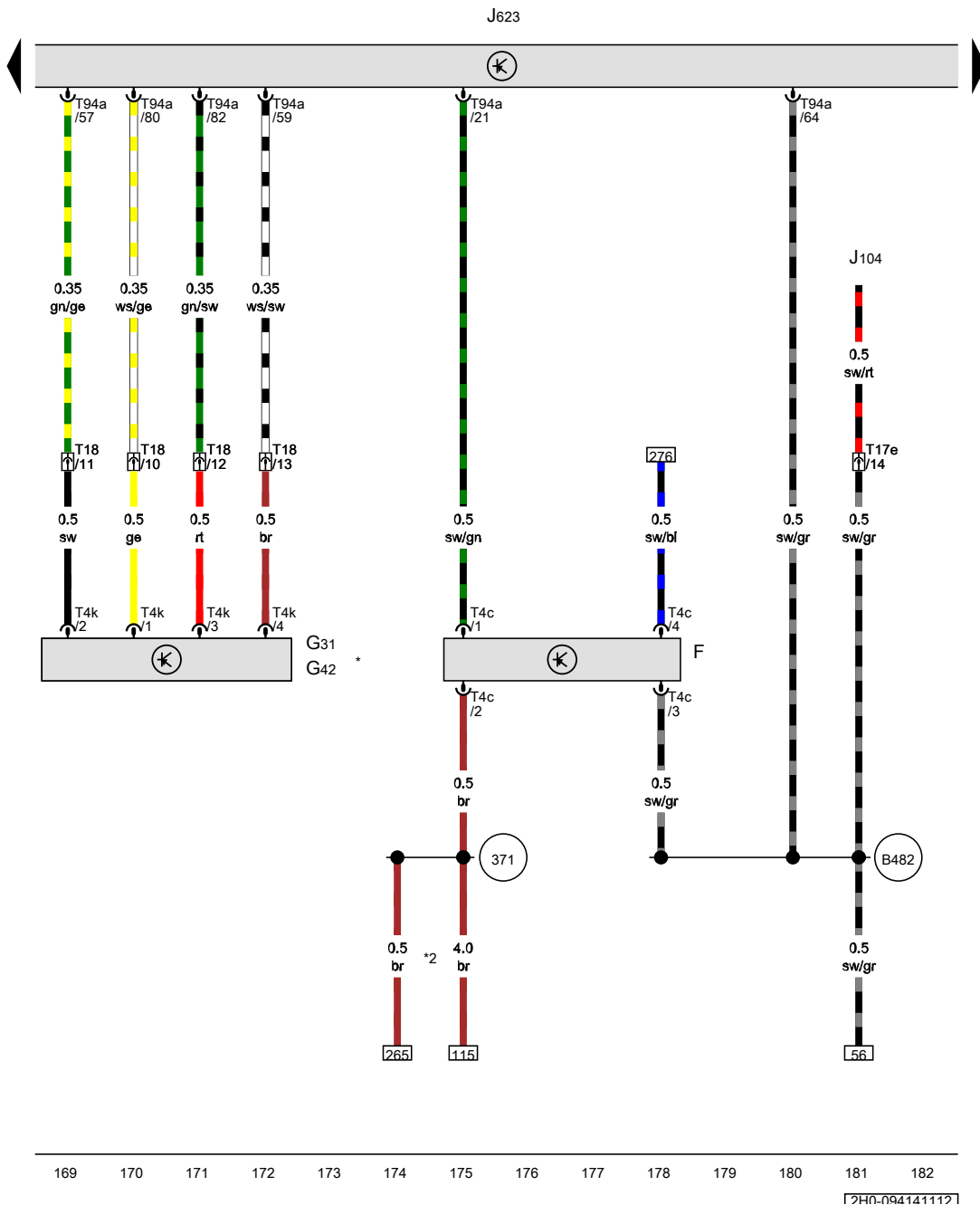
- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
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- rs = pink

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- SC5 Fuse 5 on fuse holder C
- T4i 4-pin connector, black
- T6g 6-pin connector
- T94a 94-pin connector, black



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Brake light switch, Charge pressure sender, Intake air temperature sender, Engine control unit

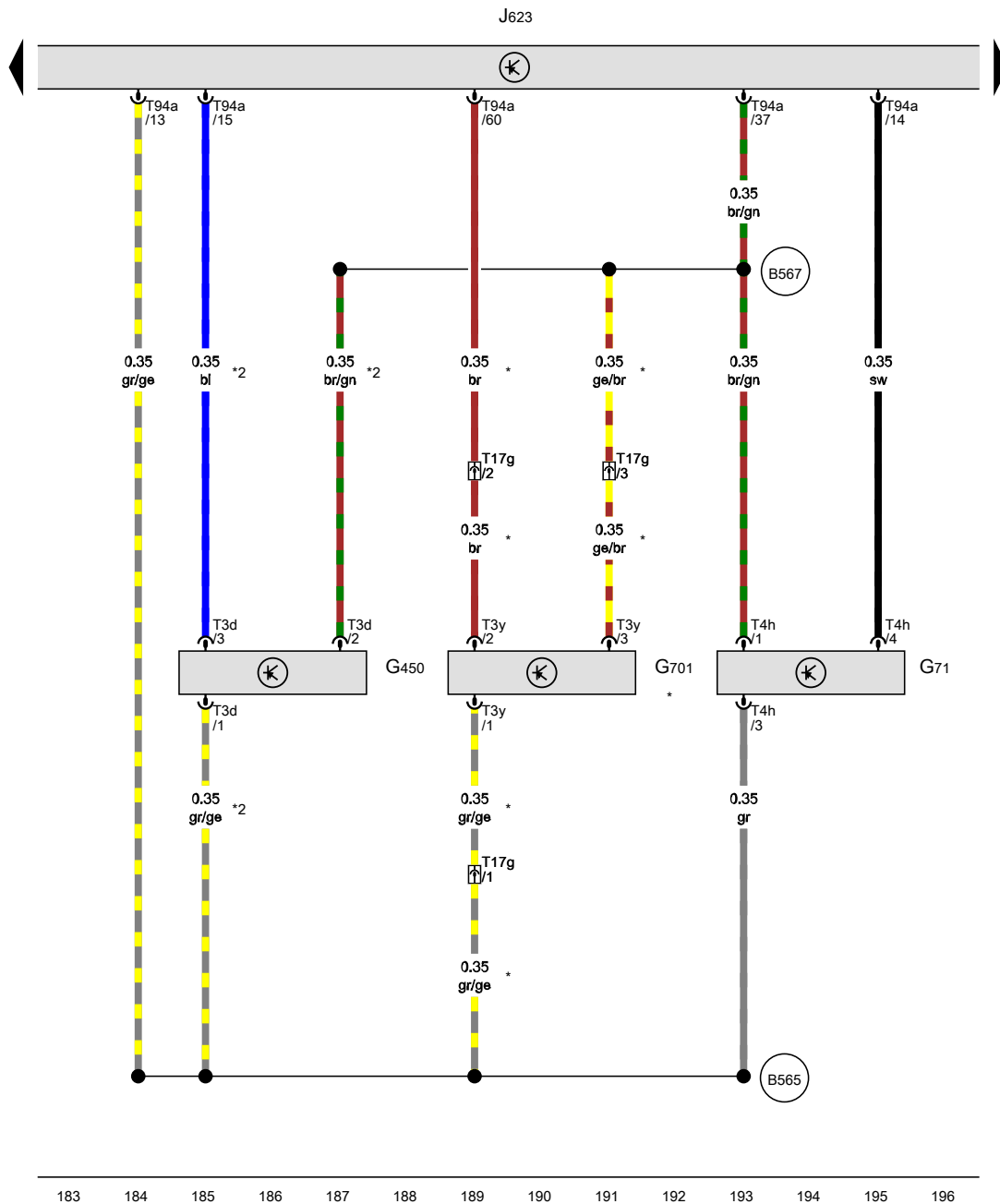
- F Brake light switch
- G31 Charge pressure sender
- G42 Intake air temperature sender
- J104 ABS control unit
- J623 Engine control unit
- T4c 4-pin connector, black
- T4k 4-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T18 18-pin connector, near engine control unit, black
- T94a 94-pin connector, black

371 Earth connection 6, in main wiring harness

B482 Connection 18, in main wiring harness

* According to equipment

*2 Only models with manual gearbox



Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

- G71 Intake manifold pressure sender
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3d 3-pin connector, black
- T3y 3-pin connector, black
- T4h 4-pin connector, black
- T17g 17-pin connector, near handbrake lever, black
- T94a 94-pin connector, black

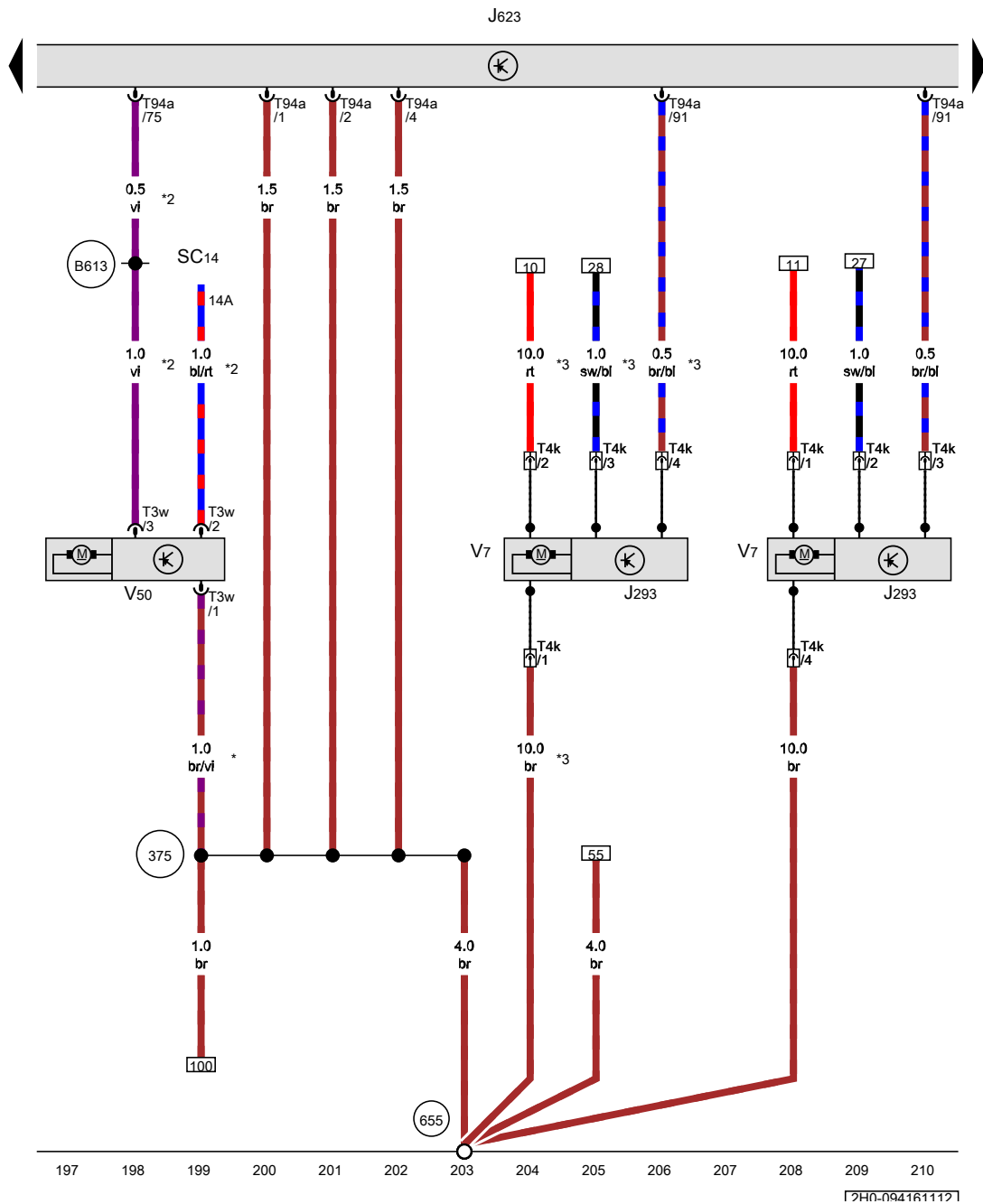
B565 Connection 32, in main wiring harness

B567 Connection 34, in main wiring harness

* Only models with manual gearbox

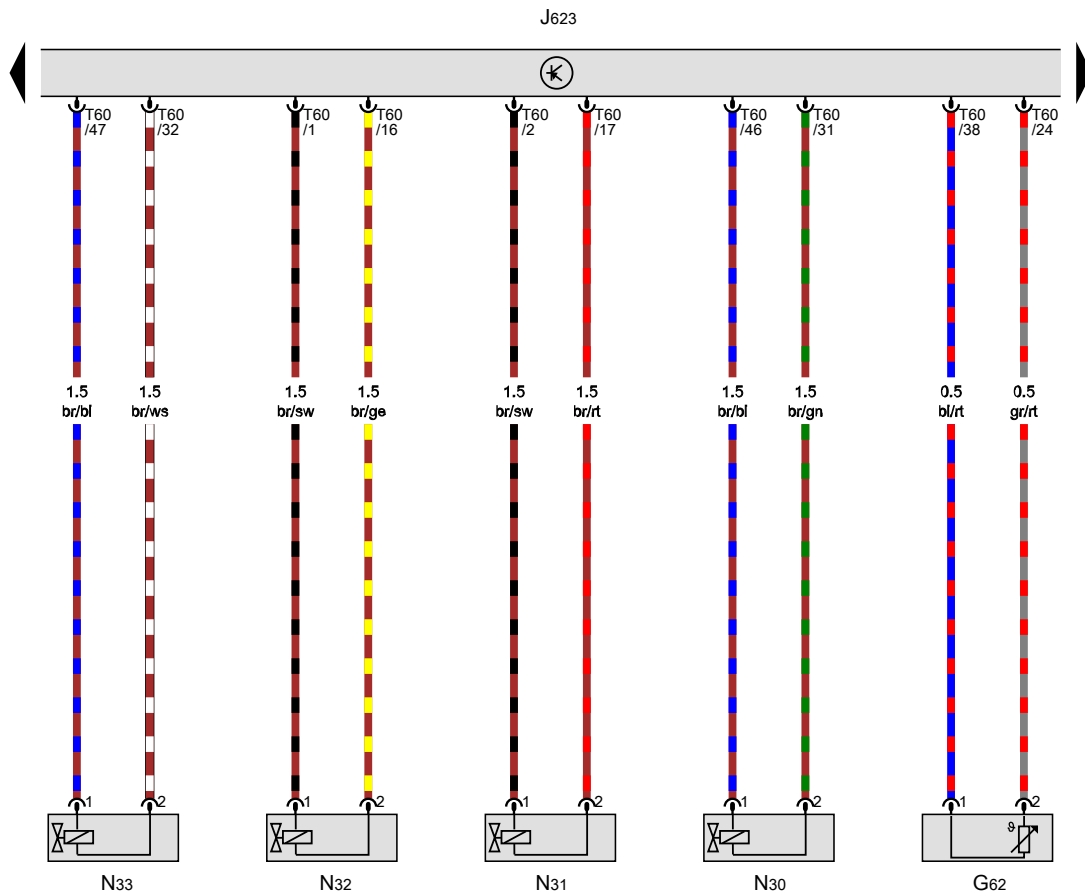
*2 Only models with Euro 5 emission standard

ws = white
 sw = black
 ro = red
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 gr = grey
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 or = orange
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Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Coolant circulation pump

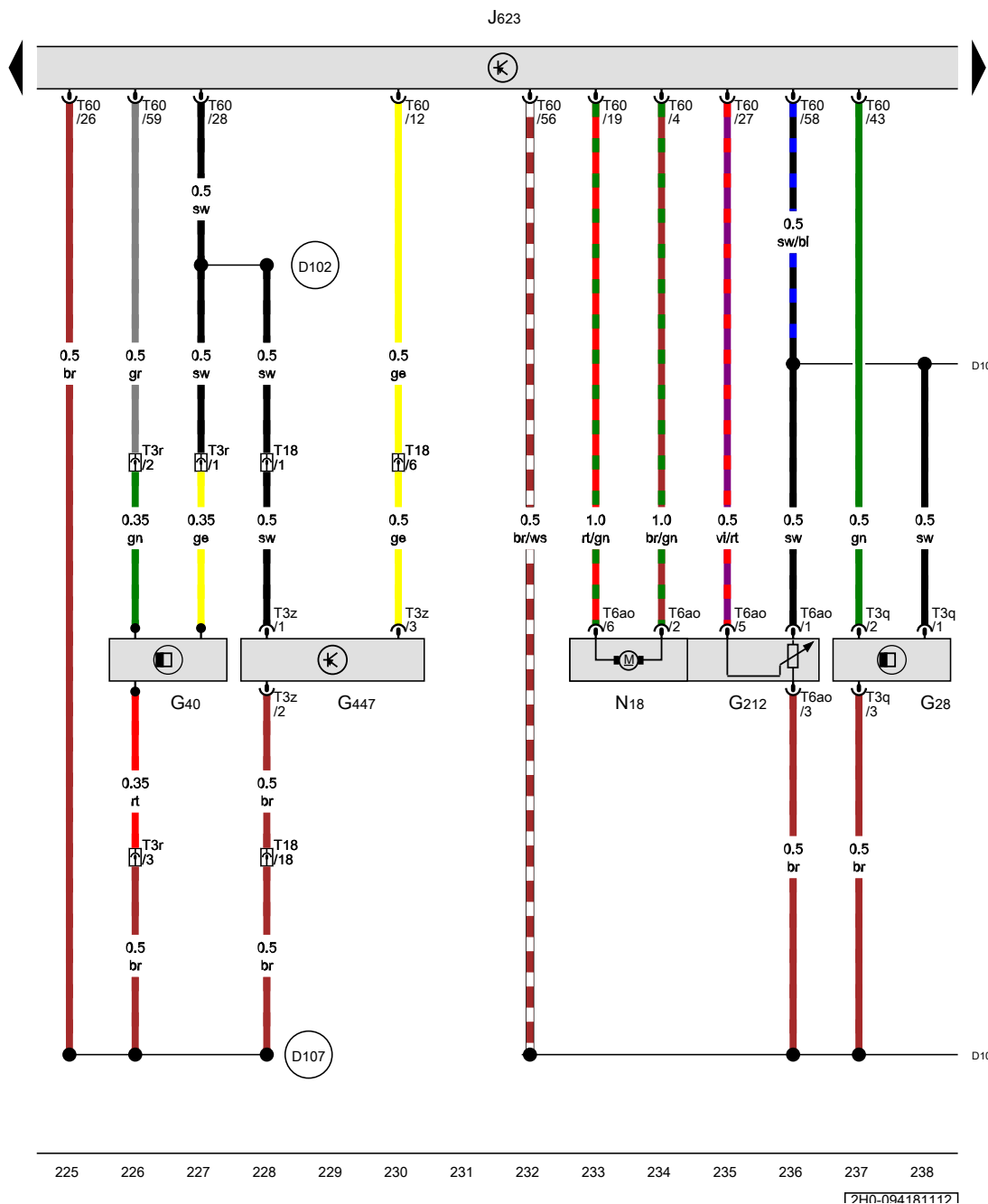
- J293 Radiator fan control unit
- J623 Engine control unit
- SC14 Fuse 14 on fuse holder C
- T3w 3-pin connector, black
- T4k 4-pin connector, on radiator cowling, black
- T94a 94-pin connector, black
- V7 Radiator fan
- V50 Coolant circulation pump
- 375 Earth connection 10, in main wiring harness
- 655 Earth point, on left headlight
- B613 Connection 41, in main wiring harness
- * Only models with "Low" equipment (AW0)
- *2 Only models with Euro 5 plus emission standard (7MJ)
- *3 Hot country version



Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

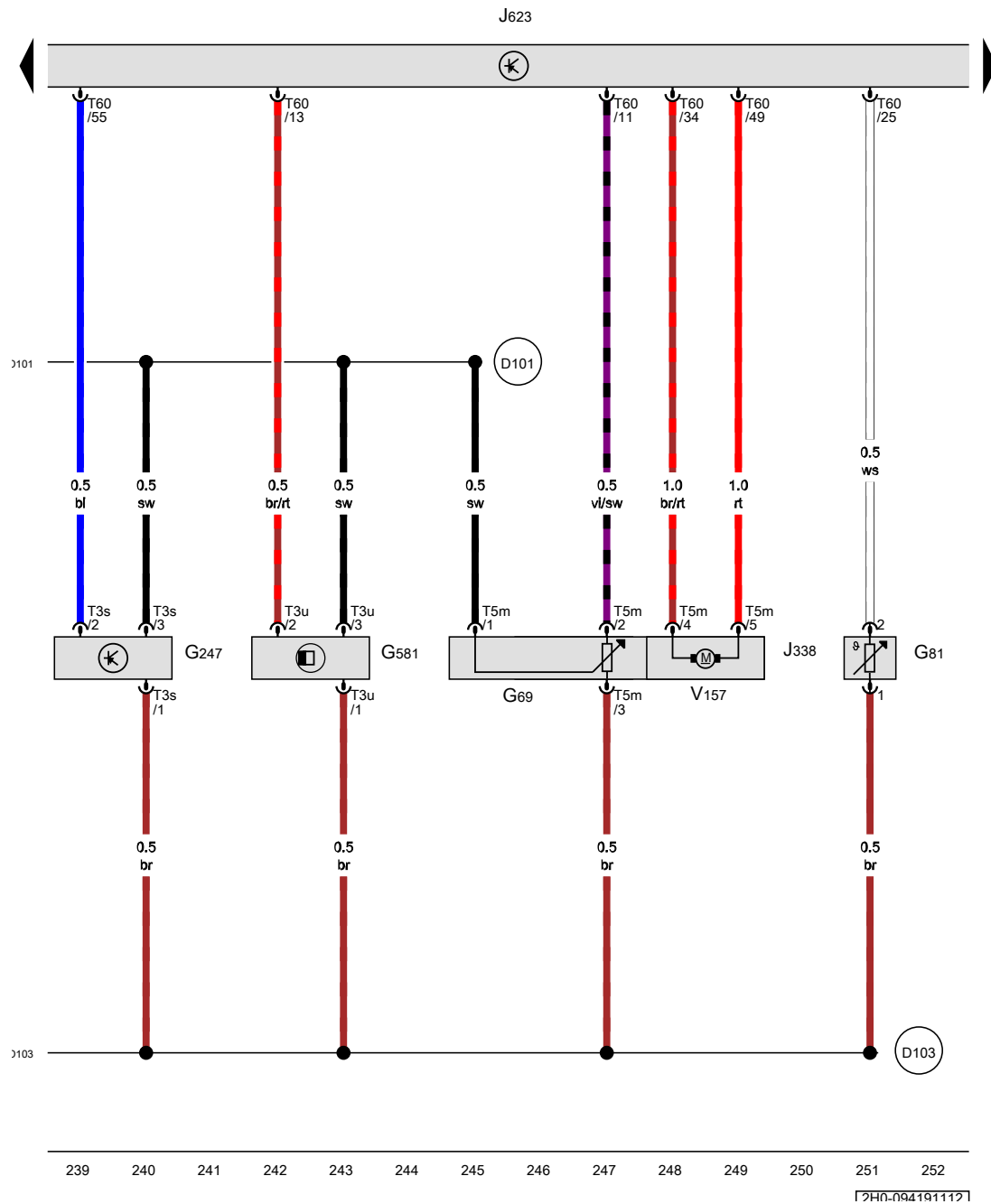
- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T60 60-pin connector, black

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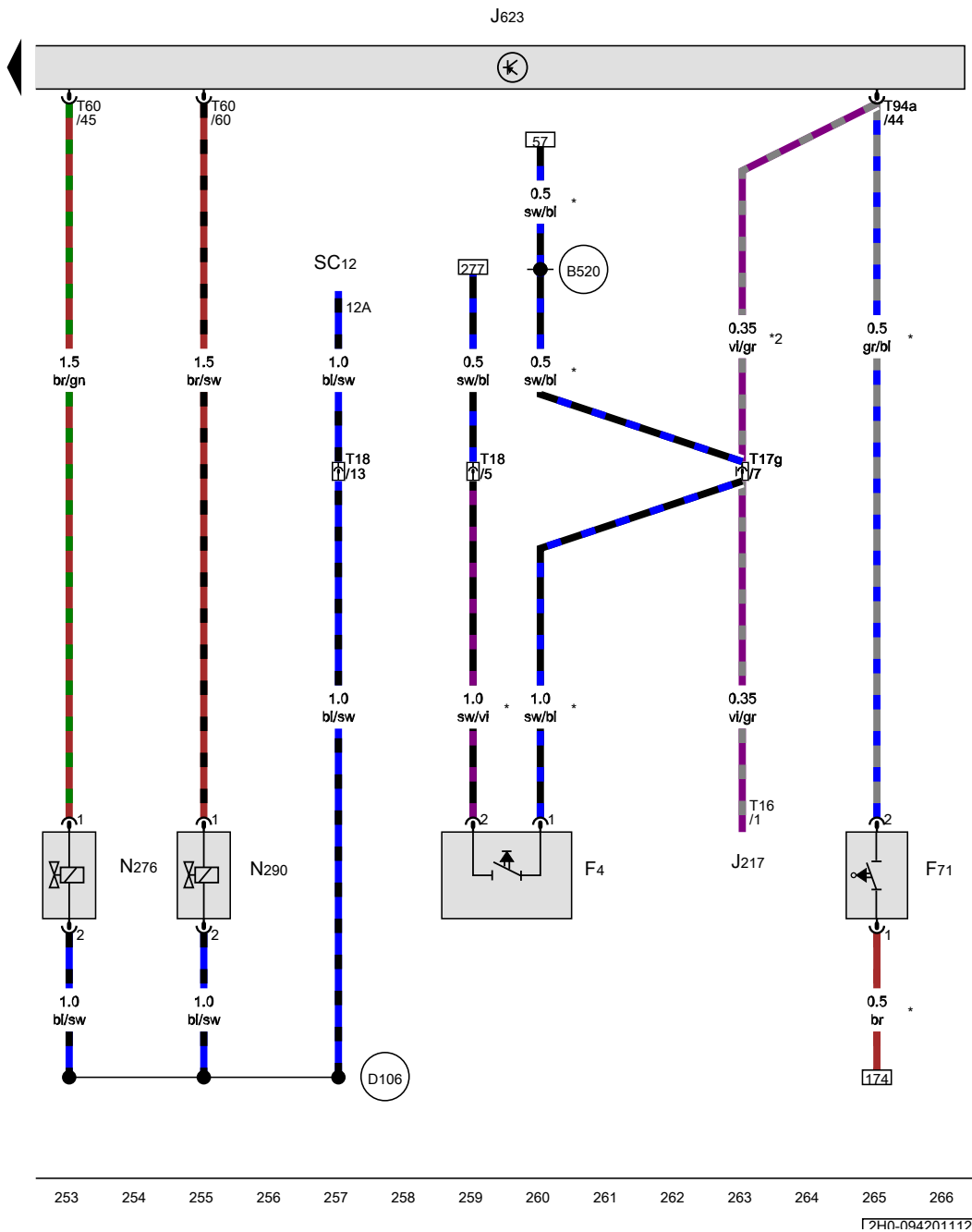
Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

- G28 Engine speed sender
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G447 Charge pressure sender 2
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T3q 3-pin connector, black
- T3r 3-pin connector, on front of engine, black
- T3z 3-pin connector, black
- T6ao 6-pin connector, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- D101 Connection 1 in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness



Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Intake manifold flap motor

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine control unit
- T3s 3-pin connector, black
- T3u 3-pin connector
- T5m 5-pin connector
- T60 60-pin connector, black
- V157 Intake manifold flap motor
- D101 Connection 1 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness



Clutch pedal switch for stop/start system, Automatic gearbox control unit, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C

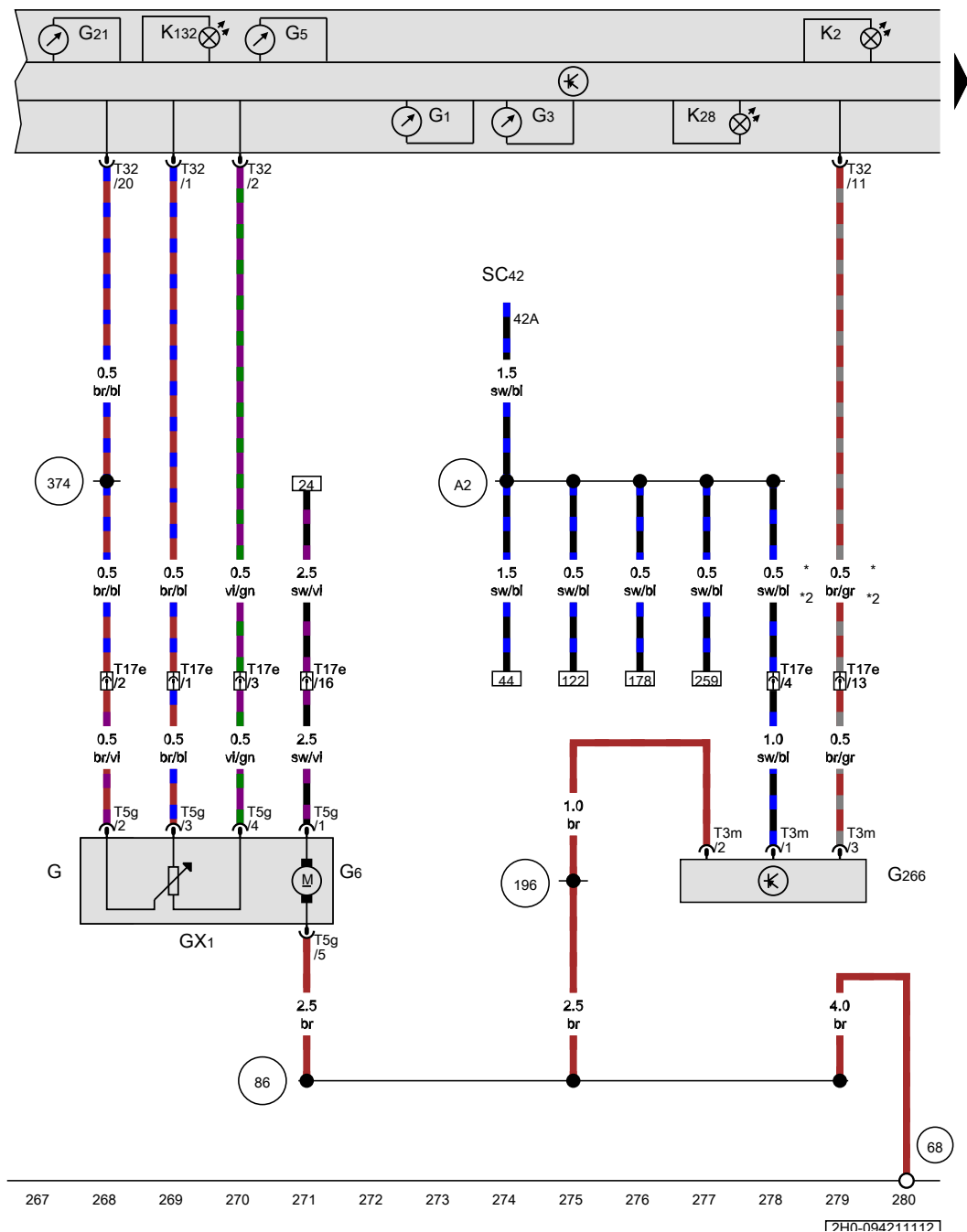
- F4 Reversing light switch
- F71 Clutch pedal switch for stop/start system
- J217 Automatic gearbox control unit
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SC12 Fuse 12 on fuse holder C
- T16 16-pin connector
- T17g 17-pin connector, near handbrake lever, black
- T18 18-pin connector, near engine control unit, black
- T60 60-pin connector, black
- T94a 94-pin connector, black
- B520 Connection (RL), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * Only models with manual gearbox
- *2 Only models with start/stop system

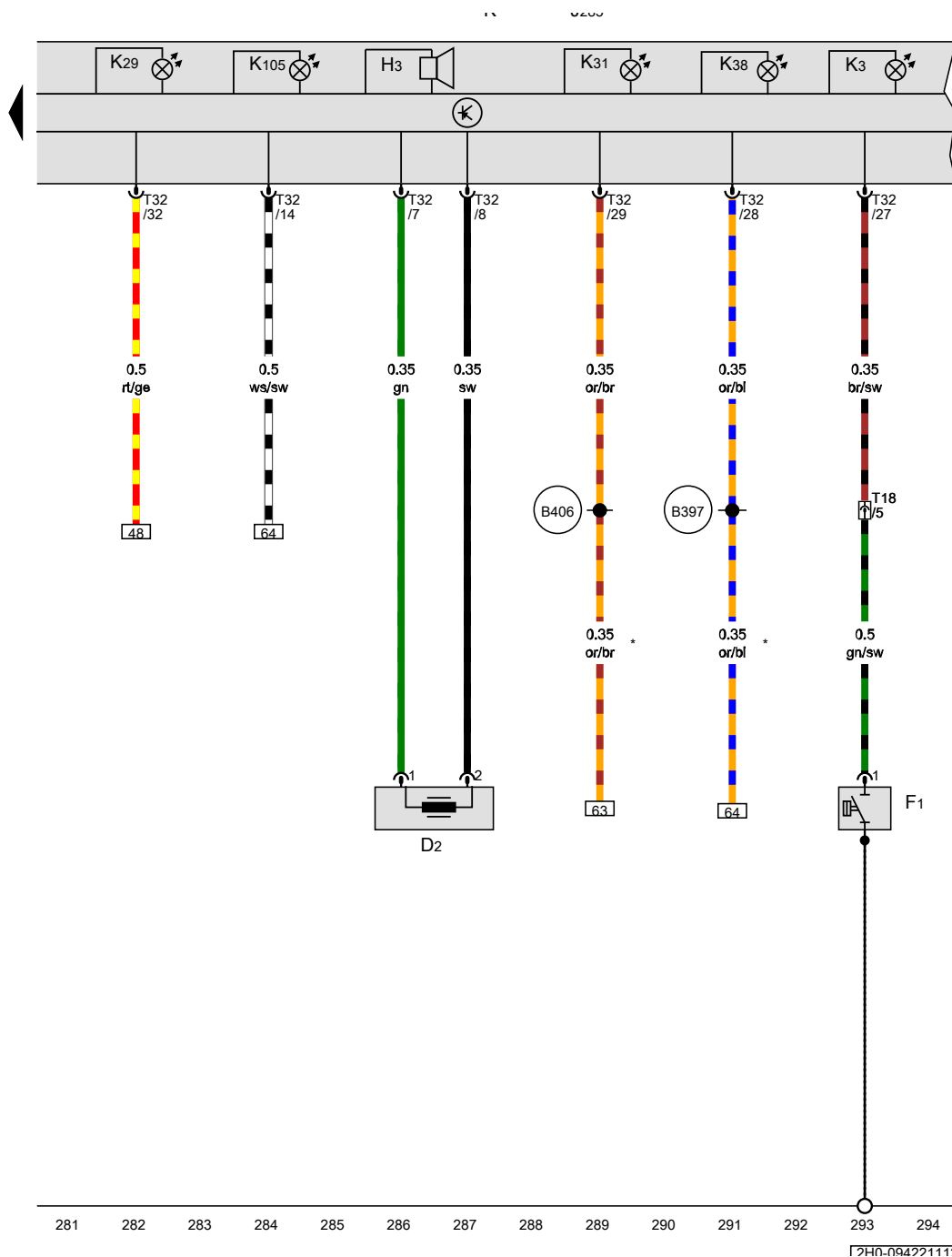
Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K132 Electronic power control fault lamp
- SC42 Fuse 42 on fuse holder C
- T3m 3-pin connector
- T5g 5-pin connector, black
- T17e 17-pin connector, near handbrake lever, red
- T32 32-pin connector, blue

- 68 Earth point, on left of rear cross member
- 86 Earth connection 1, in rear wiring harness
- 196 Earth connection 3, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- A2 Positive connection (15), in dash panel wiring harness
- * Only models with Euro 5 emission standard
- *2 Only models with Euro 5 plus emission standard (7MJ)

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Oil pressure switch, Dash panel insert

- D2 Immobiliser reader coil
- F1 Oil pressure switch
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- T18 18-pin connector, near engine control unit, black
- T32 32-pin connector, blue
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * Only models with automatic driving lights control