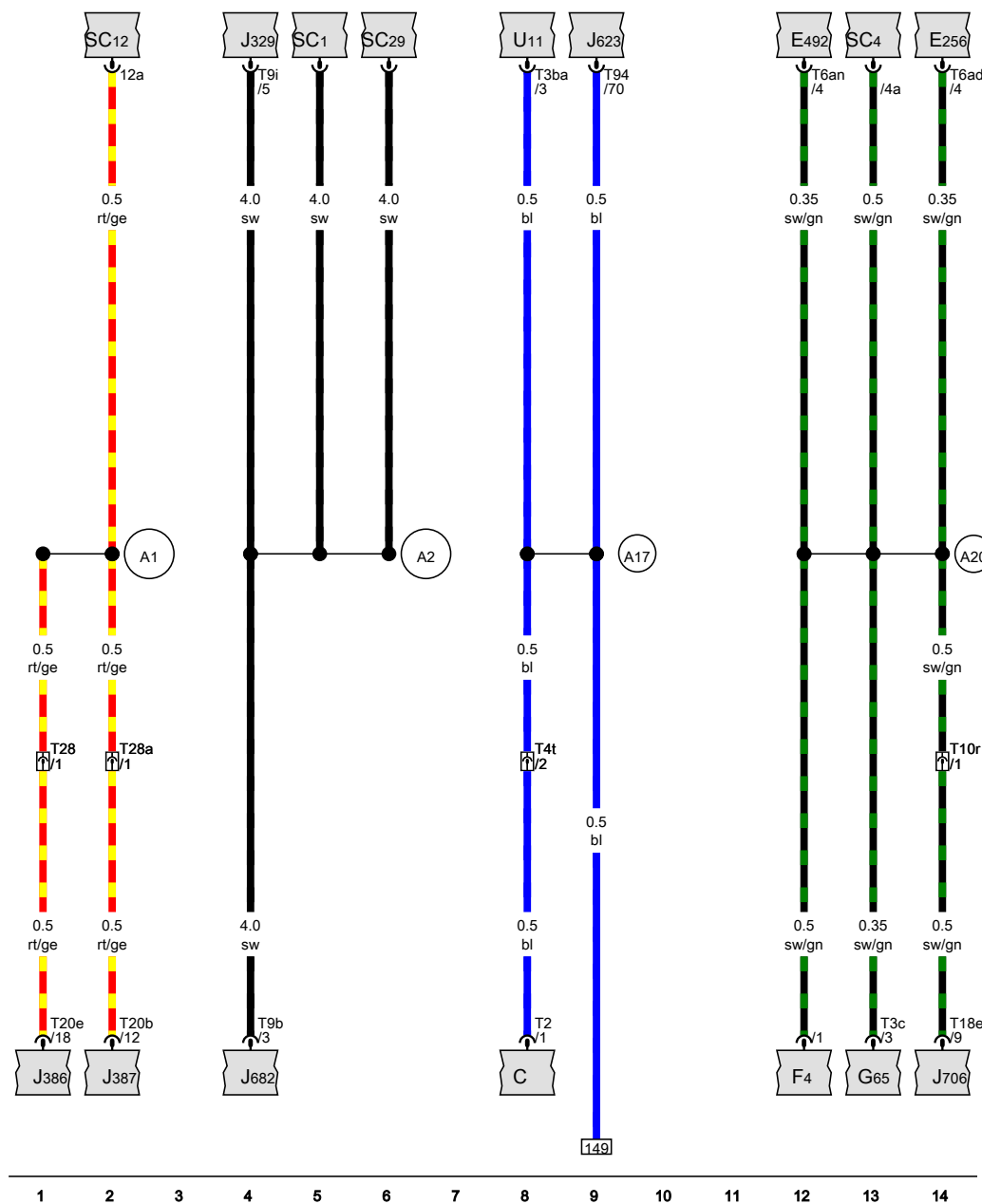


Power supply

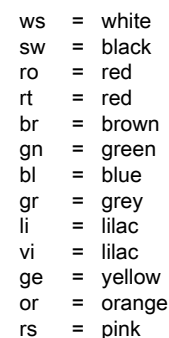
from July 2010

Terminal 15 power supply relay, Connection 61 (in instrument panel wiring harness), Positive connection 15a (in instrument panel wiring harness)

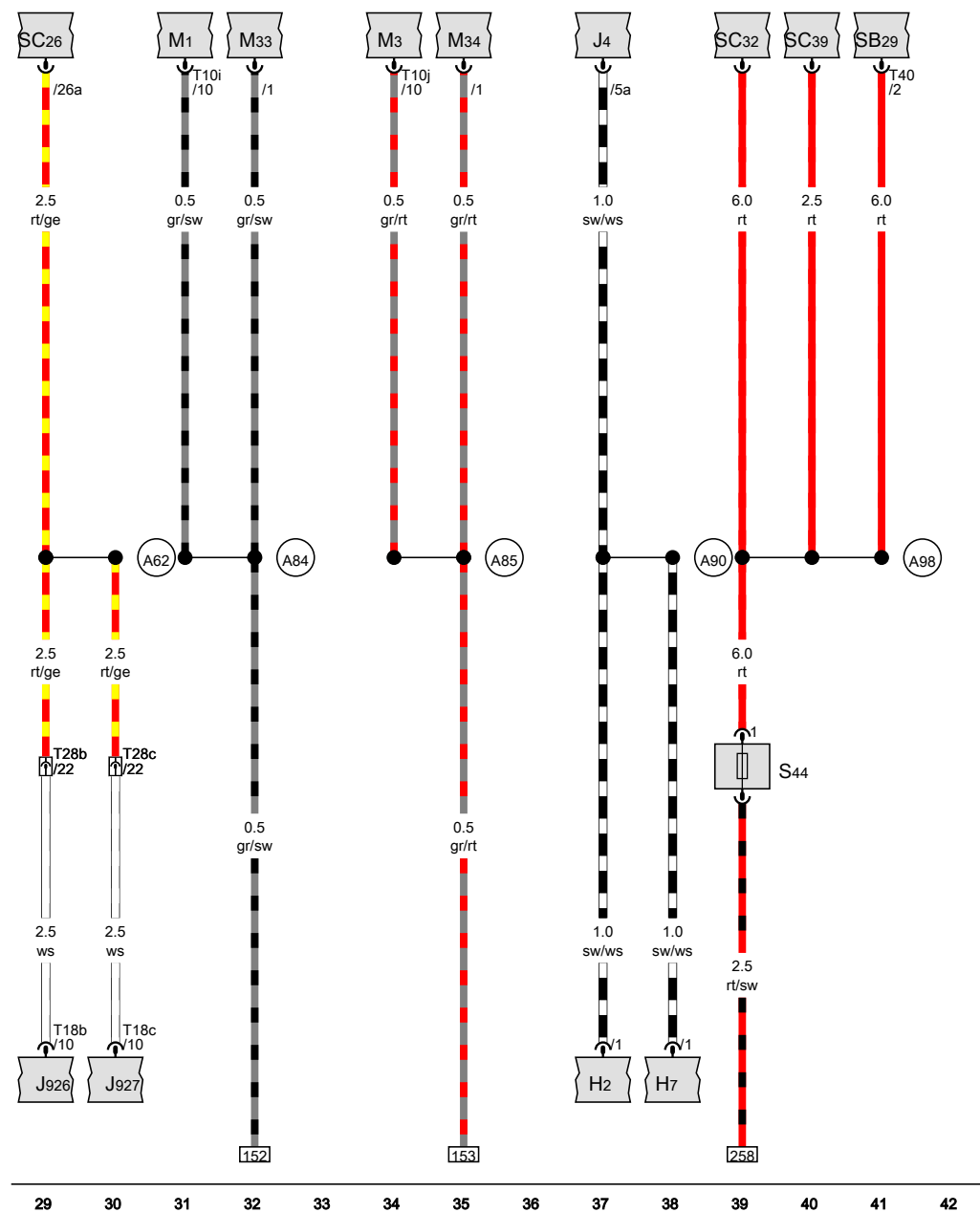


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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

- C Generator
- E256 ASR/ESP button
- E492 Tire pressure monitoring display button
- F4 Back-up lamp switch
- G65 High pressure sensor
- J329 Terminal 15 power supply relay
- J386 Driver door control module
- J387 Front passenger door control module
- J623 Engine control module
- J682 Terminal 50 power supply relay
- J706 Passenger occupant detection system control module
- SC1 Fuse 1 (on fuse panel C)
- SC4 Fuse 4 (on fuse panel C)
- SC12 Fuse 12 (on fuse panel C)
- SC29 Fuse 29 (on fuse panel C)
- T2 Double connector
- T3ba 3-pin connector
- T3c 3-pin connector
- T4t 4-pin connector
- T6ad 6-pin connector
- T6an 6-pin connector
- T9b 9-pin connector
- T9i 9-pin connector
- T10r 10-pin connector
- T18e 18-pin connector
- T20b 20-pin connector
- T20e 20-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T94 94-pin connector
- U11 Interior socket, 230 V, 110 V
- A1 Positive connection (30a) (in instrument panel wiring harness)
- A2 Positive connection (15) (in instrument panel wiring harness)
- A17 Connection 61 (in instrument panel wiring harness)
- A20 Positive connection 15a (in instrument panel wiring harness)



A23	Connection 30a1 (in instrument panel wiring harness)
A41	Positive connection (50) (in instrument panel wiring harness)
A76	KS-diagnostic lead connection (in instrument panel wiring harness)



ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
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Power window connection (in instrument panel wiring harness), Connection 58L (in instrument panel wiring harness), Connection 58R (in instrument panel wiring harness), Dual tone horn connection (in instrument panel wiring harness), Positive connection 4 (30) (in instrument panel wiring harness)

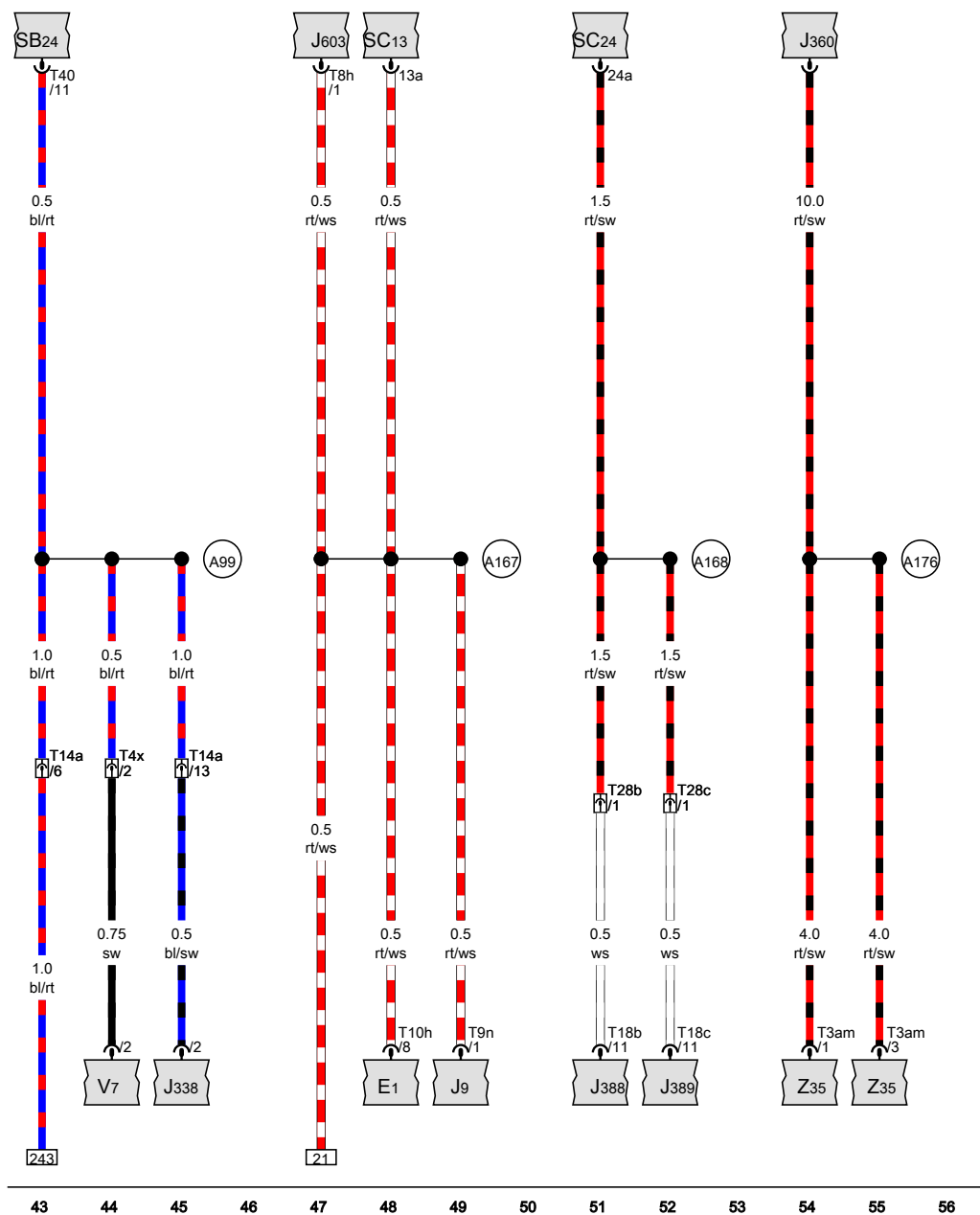
- H2 High tone horn
- H7 Low tone horn
- J4 Dual tone horn relay
- J926 Driver side rear door control module
- J927 Passenger side rear door control module
- M1 Left position lamp bulb
- M3 Right position lamp bulb
- M33 Left front side marker lamp bulb
- M34 Right front side marker lamp bulb
- SC26 Fuse 26 (on fuse panel C)
- SB29 Fuse 29 (on fuse panel B)
- SC32 Fuse 32 (on fuse panel C)
- SC39 Fuse 39 (on fuse panel C)
- S44 Driver power seat adjustment circuit breaker 1
- T10i 10-pin connector
- T10j 10-pin connector
- T18b 18-pin connector
- T18c 18-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T40 40-pin connector
- A62 Power window connection (in instrument panel wiring harness)
- A84 Connection 58L (in instrument panel wiring harness)
- A85 Connection 58R (in instrument panel wiring harness)
- A90 Dual tone horn connection (in instrument panel wiring harness)
- A98 Positive connection 4 (30) (in instrument panel wiring harness)

Connection 87 (in instrument panel wiring harness) 1,
Positive connection 3 (30a) (in instrument panel wiring harness), Positive connection 4 (30a) (in instrument panel wiring harness), Auxiliary heater connection (in instrument panel wiring harness)

- E1 Light switch
- J9 Rear window defogger relay
- J338 Throttle valve control module
- J360 High heat output relay
- J388 Left rear door control module
- J389 Right rear door control module
- J603 Vehicle location recognition control module
- SC13 Fuse 13 (on fuse panel C)
- SC24 Fuse 24 (on fuse panel C)
- SB24 Fuse 24 (on fuse panel B)
- T3am 3-pin connector
- T4x 4-pin connector
- T8h 8-pin connector
- T9n 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector
- T18b 18-pin connector
- T18c 18-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T40 40-pin connector
- V7 Radiator fan
- Z35 Auxiliary heater heating element

- (A99) Connection 87 (in instrument panel wiring harness) 1
- (A167) Positive connection 3 (30a) (in instrument panel wiring harness)
- (A168) Positive connection 4 (30a) (in instrument panel wiring harness)
- (A176) Auxiliary heater connection (in instrument panel wiring harness)

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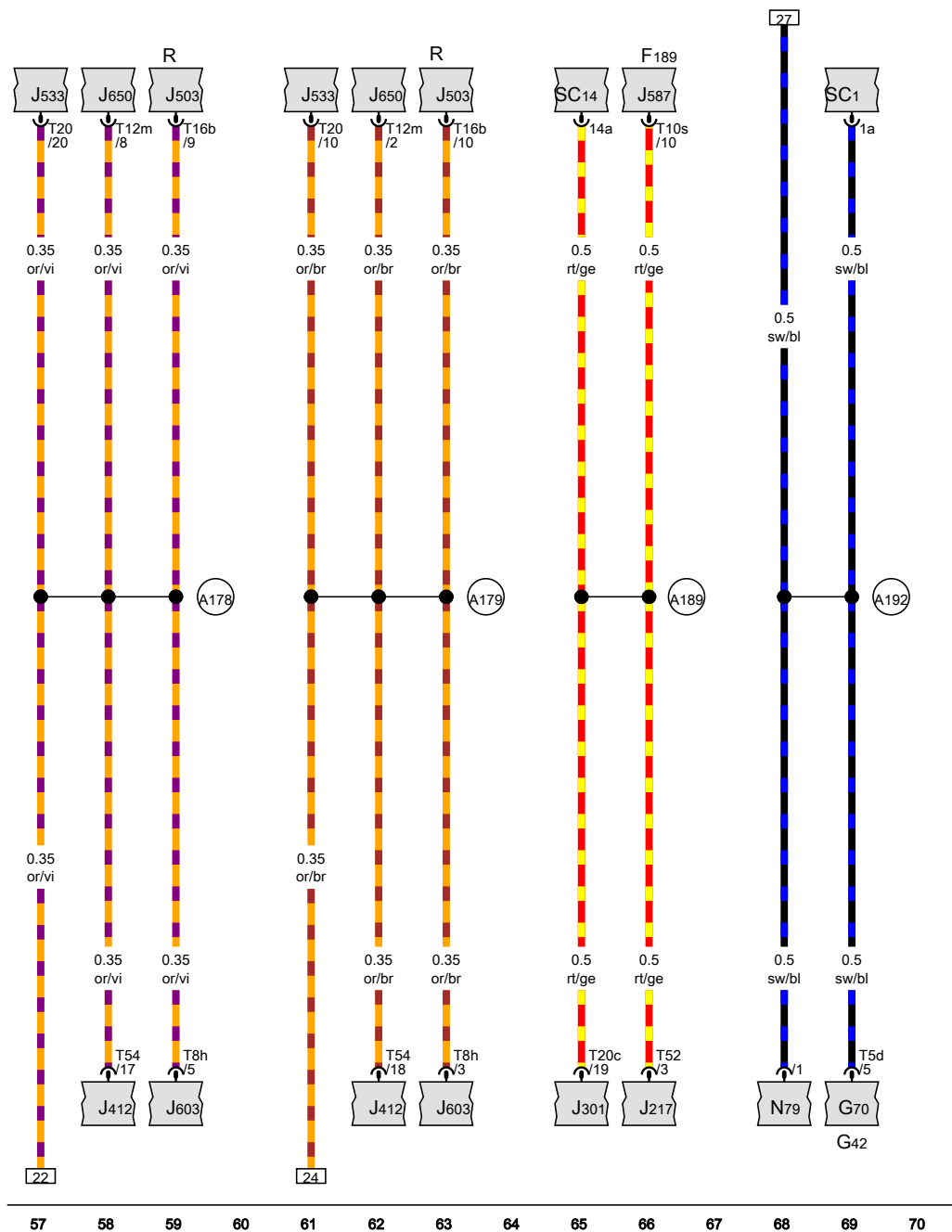
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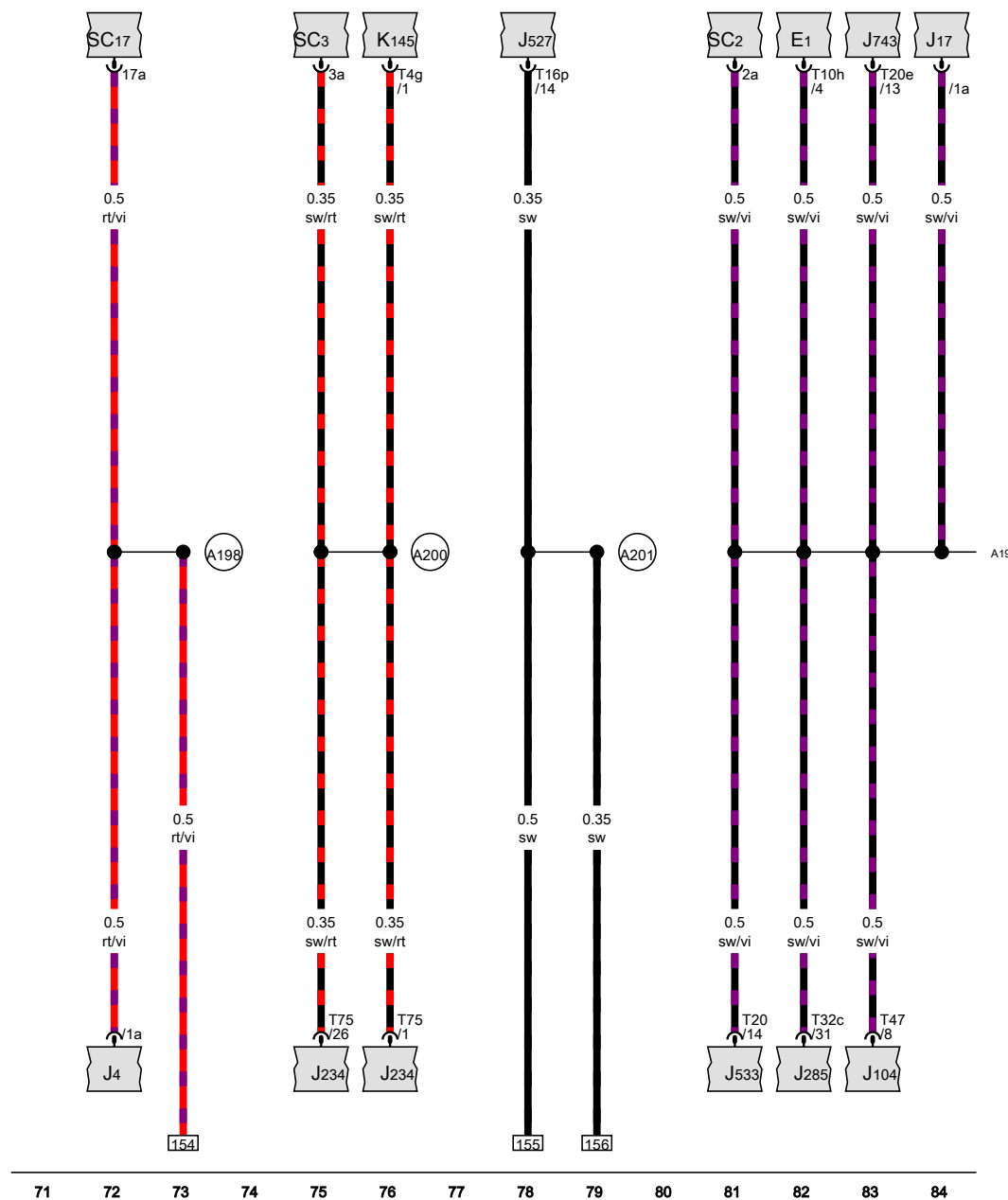
Infotainment CAN bus high connection (in instrument panel wiring harness), Infotainment CAN bus low connection (in instrument panel wiring harness), Positive connection 5 (30a) (in instrument panel wiring harness), Positive connection 3 (15a) (in instrument panel wiring harness)

- F189 tiptronic switch
- G42 Intake air temperature sensor
- G70 Mass airflow sensor
- J217 Transmission control module
- J301 A/C control module
- J412 Cell phone operating electronics control module
- J503 Radio/navigation display unit control module
- J533 Data bus on board diagnostic interface
- J587 Selector lever sensor system control module
- J603 Vehicle location recognition control module
- J650 Multimedia system control module
- N79 Positive crankcase ventilation heating element
- R Radio
- SC1 Fuse 1 (on fuse panel C)
- SC14 Fuse 14 (on fuse panel C)
- T5d 5-pin connector
- T8h 8-pin connector
- T10s 10-pin connector
- T12m 12-pin connector
- T16b 16-pin connector
- T20 20-pin connector
- T20c 20-pin connector
- T52 52-pin connector
- T54 54-pin connector

- (A178) Infotainment CAN bus high connection (in instrument panel wiring harness)
- (A179) Infotainment CAN bus low connection (in instrument panel wiring harness)
- (A189) Positive connection 5 (30a) (in instrument panel wiring harness)
- (A192) Positive connection 3 (15a) (in instrument panel wiring harness)

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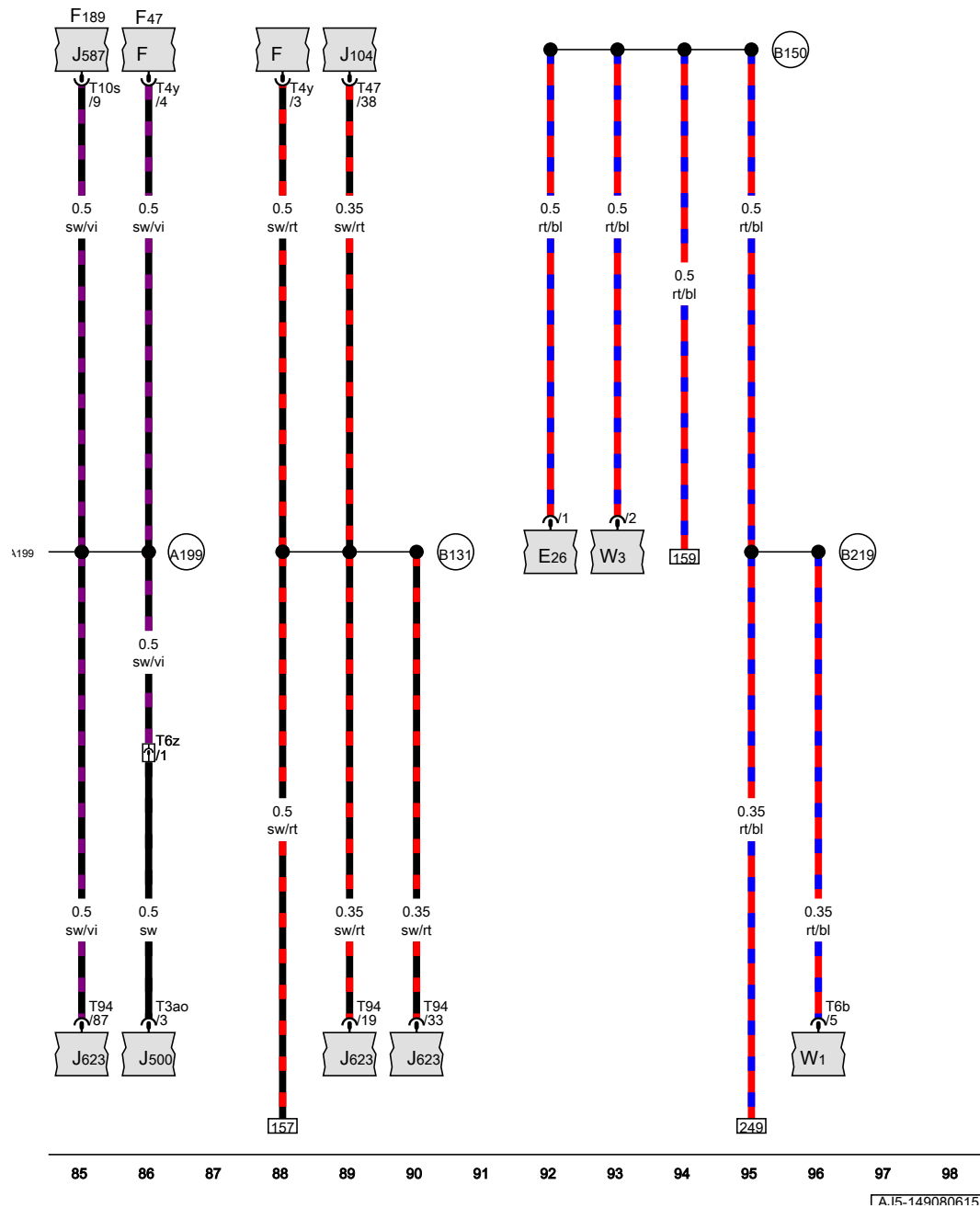
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 rs = pink

Positive connection 6 (30a) (in instrument panel wiring harness), Positive connection 4 (15a) (in instrument panel wiring harness), Positive connection 5 (15a) (in instrument panel wiring harness), Positive connection 6 (15a) (in instrument panel wiring harness)

- E1 Light switch
- J4 Dual tone horn relay
- J17 Fuel pump relay
- J104 ABS control module
- J234 Airbag control module
- J285 Instrument cluster control module
- J527 Steering column electronics control module
- J533 Data bus on board diagnostic interface
- J743 DSG transmission Mechatronic
- K145 Front passenger airbag -disabled- indicator lamp
- SC2 Fuse 2 (on fuse panel C)
- SC3 Fuse 3 (on fuse panel C)
- SC17 Fuse 17 (on fuse panel C)
- T4g 4-pin connector
- T10h 10-pin connector
- T16p 16-pin connector
- T20 20-pin connector
- T20e 20-pin connector
- T32c 32-pin connector
- T47 47-pin connector
- T75 75-pin connector

- A198 Positive connection 6 (30a) (in instrument panel wiring harness)
- A199 Positive connection 4 (15a) (in instrument panel wiring harness)
- A200 Positive connection 5 (15a) (in instrument panel wiring harness)
- A201 Positive connection 6 (15a) (in instrument panel wiring harness)

[A.15-149070R15]



Positive connection 4 (15a) (in instrument panel wiring harness), Connection 54 (in interior wiring harness), Positive connection 2 (30a) (in interior wiring harness), Positive connection 4 (30a) (in interior wiring harness)

- E26 Glove compartment lamp switch
- F Brake lamp switch
- F47 Brake pedal switch
- F189 tiptronic switch
- J104 ABS control module
- J500 Power steering control module
- J587 Selector lever sensor system control module
- J623 Engine control module
- T3ao 3-pin connector
- T4y 4-pin connector
- T6b 6-pin connector
- T6z 6-pin connector
- T10s 10-pin connector
- T47 47-pin connector
- T94 94-pin connector
- W1 Front interior lamp
- W3 Luggage compartment lamp

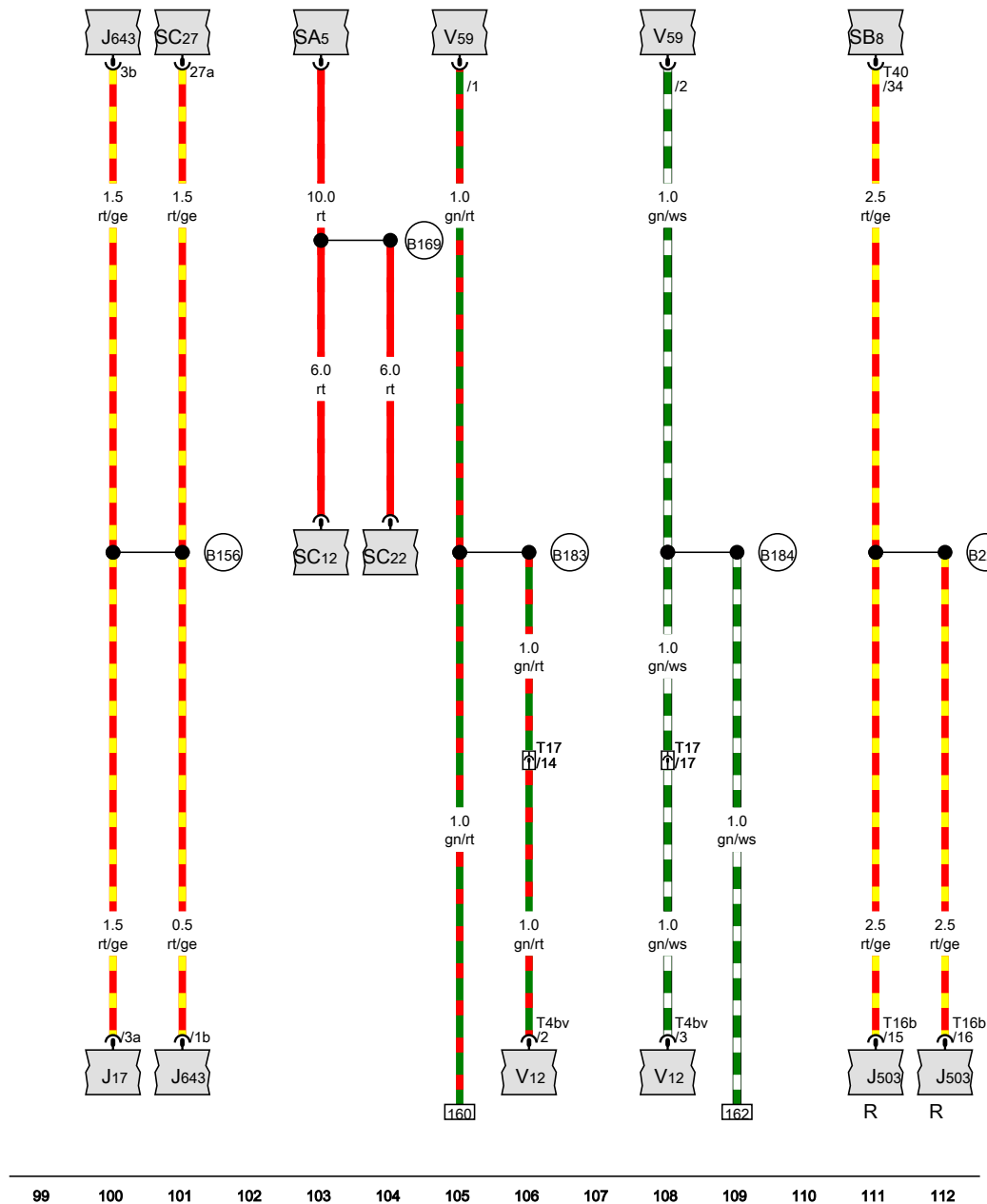
- A199 Positive connection 4 (15a) (in instrument panel wiring harness)
- B131 Connection 54 (in interior wiring harness)
- B150 Positive connection 2 (30a) (in interior wiring harness)
- B219 Positive connection 4 (30a) (in interior wiring harness)

Positive connection (30a) (in interior wiring harness),
Positive connection 1 (30) (in interior wiring harness),
Windshield washer pump connection 1 (in interior wiring harness),
Windshield washer pump connection 2 (in interior wiring harness),
Radio connection 1 (in interior wiring harness)

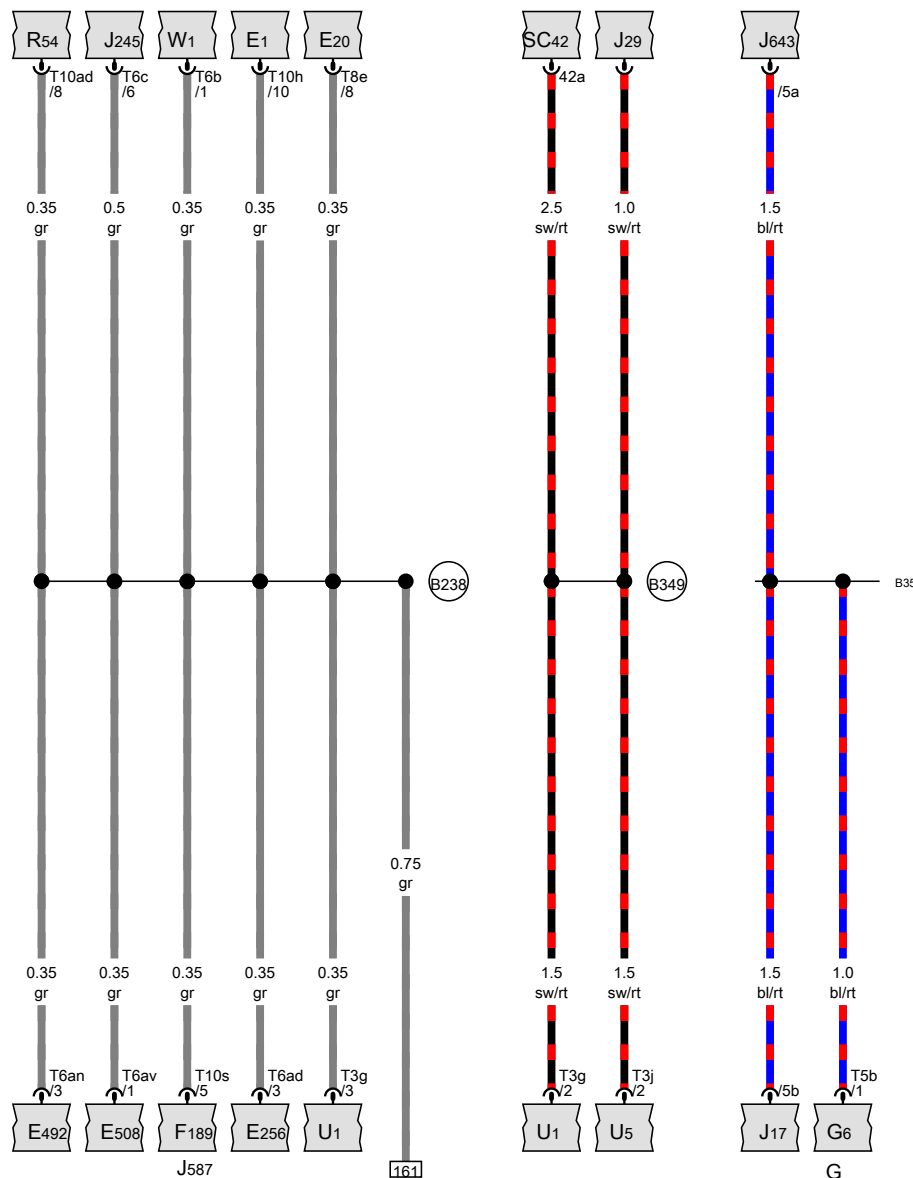
- J17 Fuel pump relay
- J503 Radio/navigation display unit control module
- J643 Fuel primer relay
- R Radio
- SA5 Fuse 5 (on fuse panel A)
- SB8 Fuse 8 (on fuse panel B)
- SC12 Fuse 12 (on fuse panel C)
- SC22 Fuse 22 (on fuse panel C)
- SC27 Fuse 27 (on fuse panel C)
- T4bv 4-pin connector
- T16b 16-pin connector
- T17 17-pin connector
- T40 40-pin connector
- V12 Rear window wiper motor
- V59 Windshield and rear window washer pump

- B156 Positive connection (30a) (in interior wiring harness)
- B169 Positive connection 1 (30) (in interior wiring harness)
- B183 Windshield washer pump connection 1 (in interior wiring harness)
- B184 Windshield washer pump connection 2 (in interior wiring harness)
- B224 Radio connection 1 (in interior wiring harness)

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1A.15-149090615



Positive connection 2 (58b) (in interior wiring harness),
Connection 75a (in main wiring harness) 2, Positive
connection 1 (87a) (in main wiring harness)

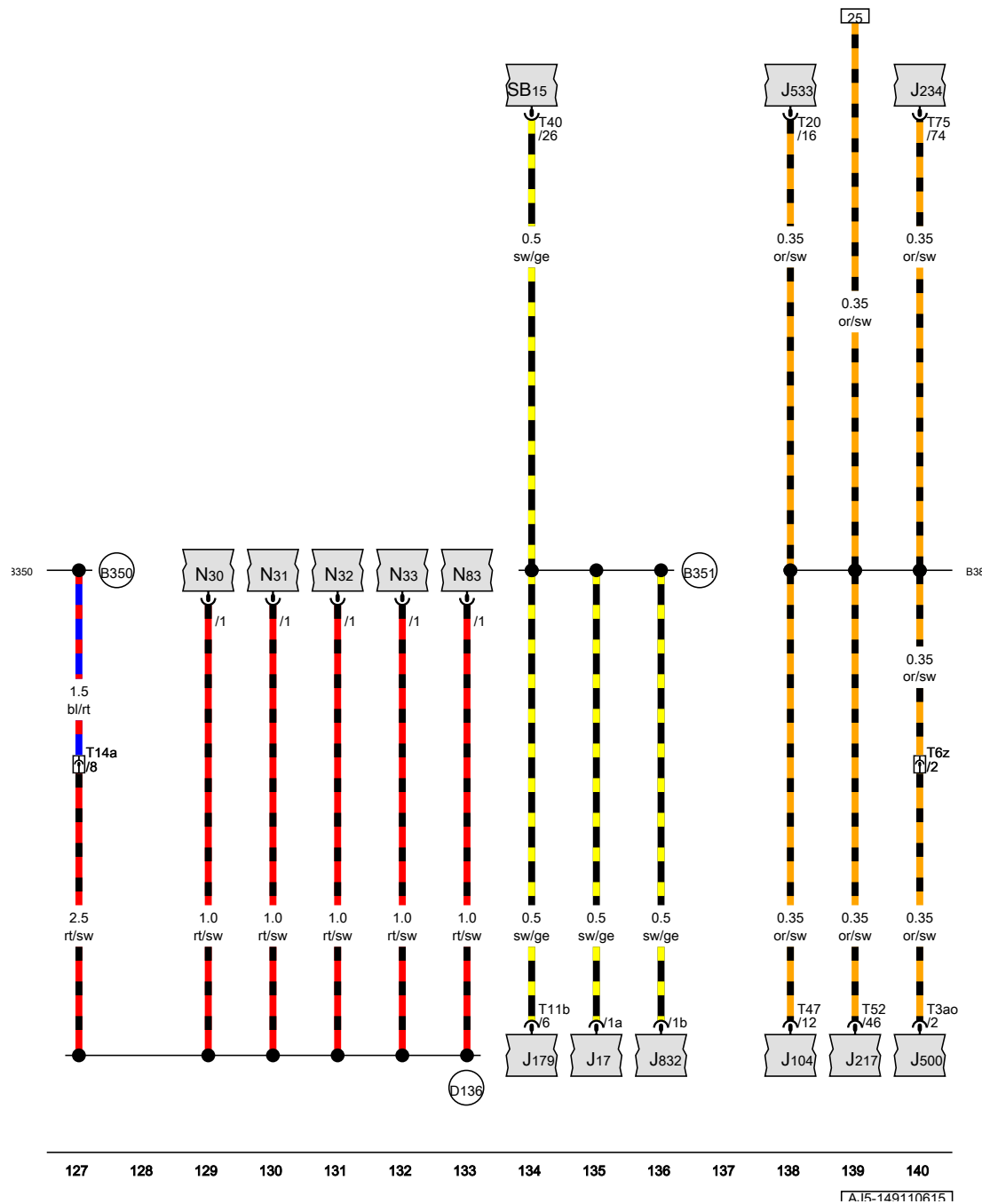
- E1 Light switch
- E20 Instrument panel and switch illumination dimmer switch
- E256 ASR/ESP button
- E492 Tire pressure monitoring display button
- E508 Cellular telephone preparation control head
- F189 tiptronic switch
- G Fuel level sensor
- G6 Transfer fuel pump
- J17 Fuel pump relay
- J29 Blocking diode
- J245 Power sunroof control module
- J587 Selector lever sensor system control module
- J643 Fuel primer relay
- R54 Cellular telephone
- SC42 Fuse 42 (on fuse panel C)
- T3g 3-pin connector
- T3j 3-pin connector
- T5b 5-pin connector
- T6ad 6-pin connector
- T6an 6-pin connector
- T6av 6-pin connector
- T6b 6-pin connector
- T6c 6-pin connector
- T8e 8-pin connector
- T10ad 10-pin connector
- T10h 10-pin connector
- T10s 10-pin connector
- U1 Cigarette lighter
- U5 12 V socket
- W1 Front interior lamp

(B238) Positive connection 2 (58b) (in interior wiring harness)

(B349) Connection 75a (in main wiring harness) 2

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

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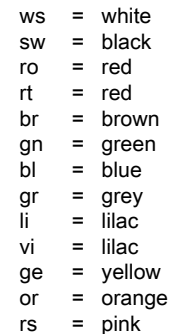
[A.15-149110615]

Positive connection 1 (87a) (in main wiring harness),
Positive connection 2 (87a) (in main wiring harness),
Powertrain CAN bus high connection 1 (in main wiring harness),
Positive connection 2 (15a) (in engine compartment wiring harness)

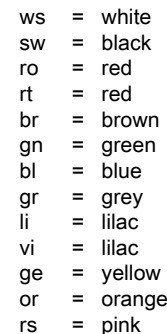
- J17 Fuel pump relay
- J104 ABS control module
- J179 Automatic glow time control module
- J217 Transmission control module
- J234 Airbag control module
- J500 Power steering control module
- J533 Data bus on board diagnostic interface
- J832 Auxiliary fuel pump relay
- N30 Cylinder 1 fuel injector
- N31 Cylinder 2 fuel injector
- N32 Cylinder 3 fuel injector
- N33 Cylinder 4 fuel injector
- N83 Cylinder 5 fuel injector
- SB15 Fuse 15 (on fuse panel B)
- T3ao 3-pin connector
- T6z 6-pin connector
- T11b 11-pin connector
- T14a 14-pin connector
- T20 20-pin connector
- T40 40-pin connector
- T47 47-pin connector
- T52 52-pin connector
- T75 75-pin connector

- B350 Positive connection 1 (87a) (in main wiring harness)
- B351 Positive connection 2 (87a) (in main wiring harness)
- B383 Powertrain CAN bus high connection 1 (in main wiring harness)
- D136 Positive connection 2 (15a) (in engine compartment wiring harness)

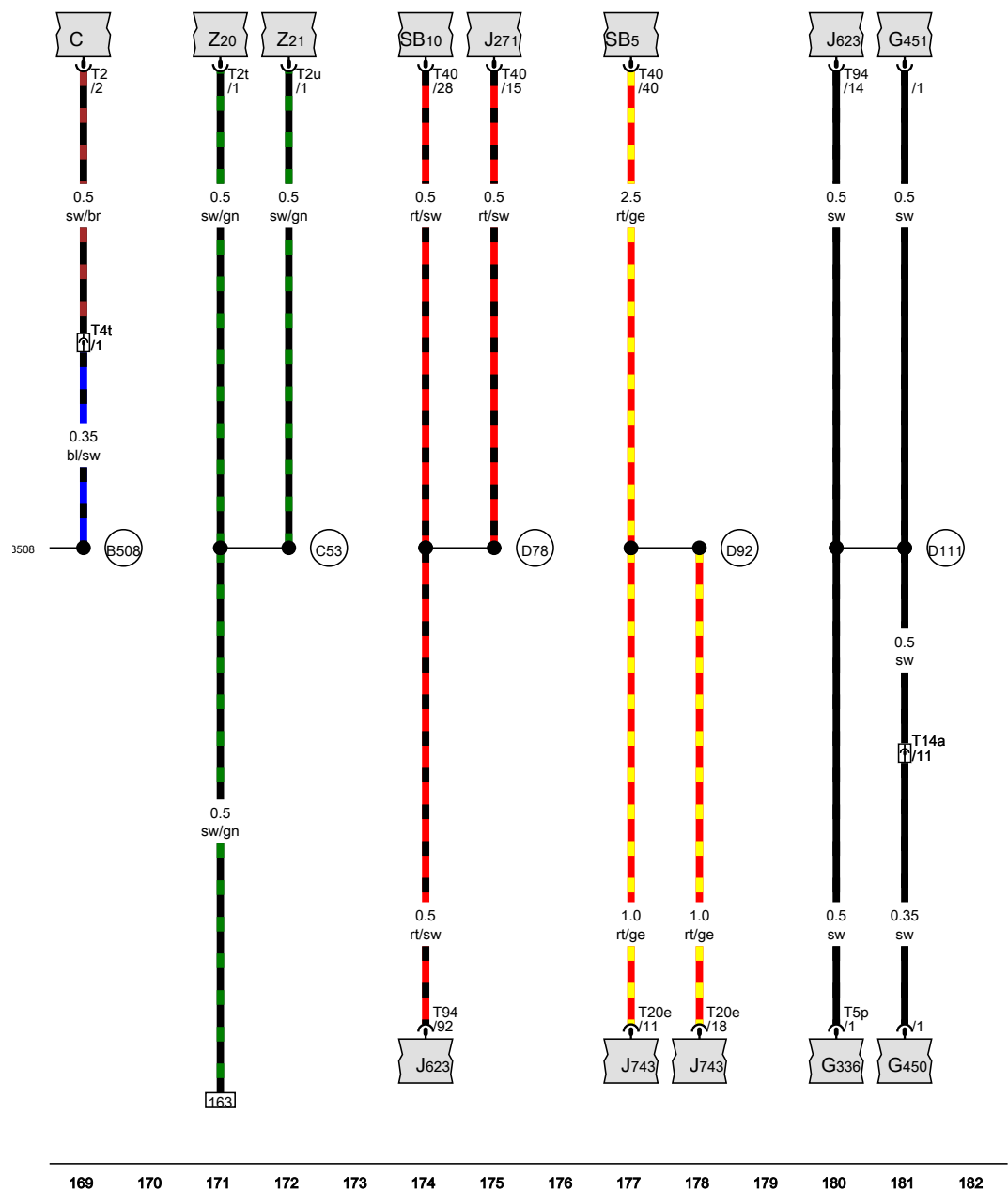
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B383	Powertrain CAN bus high connection 1 (in main wiring harness)
B390	Powertrain CAN bus low connection 1 (in main wiring harness)
B397	Comfort system CAN bus high connection 1 (in main wiring harness)



- B397 Comfort system CAN bus high connection 1 (in main wiring harness)
- B406 Comfort system CAN bus low connection 1 (in main wiring harness)
- B431 Seat heating connection (in main wiring harness)
- B508 Rotary field connection (in interior wiring harness)

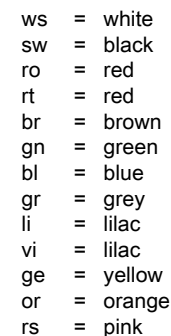


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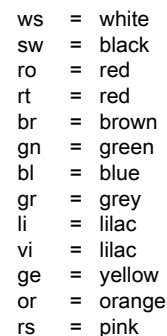
Rotary field connection (in interior wiring harness), Positive connection (x) (in heated spray nozzle wiring harness), Positive connection 1 (30a) (in engine compartment wiring harness), Connection 30al (in engine compartment wiring harness), Connection 9 (in engine compartment wiring harness)

- C Generator
- G336 Intake manifold runner position sensor
- G450 Exhaust pressure sensor 1
- G451 Exhaust pressure sensor 2
- J271 Motronic engine control module power supply relay
- J623 Engine control module
- J743 DSG transmission Mechatronic
- SB5 Fuse 5 (on fuse panel B)
- SB10 Fuse 10 (on fuse panel B)
- T2 Double connector
- T2t Double connector
- T2u Double connector
- T4t 4-pin connector
- T5p 5-pin connector
- T14a 14-pin connector
- T20e 20-pin connector
- T40 40-pin connector
- T94 94-pin connector
- Z20 Left washer nozzle heater
- Z21 Right washer nozzle heater
- B508 Rotary field connection (in interior wiring harness)
- C53 Positive connection (x) (in heated spray nozzle wiring harness)
- D78 Positive connection 1 (30a) (in engine compartment wiring harness)
- D92 Connection 30al (in engine compartment wiring harness)
- D111 Connection 9 (in engine compartment wiring harness)

ws = white
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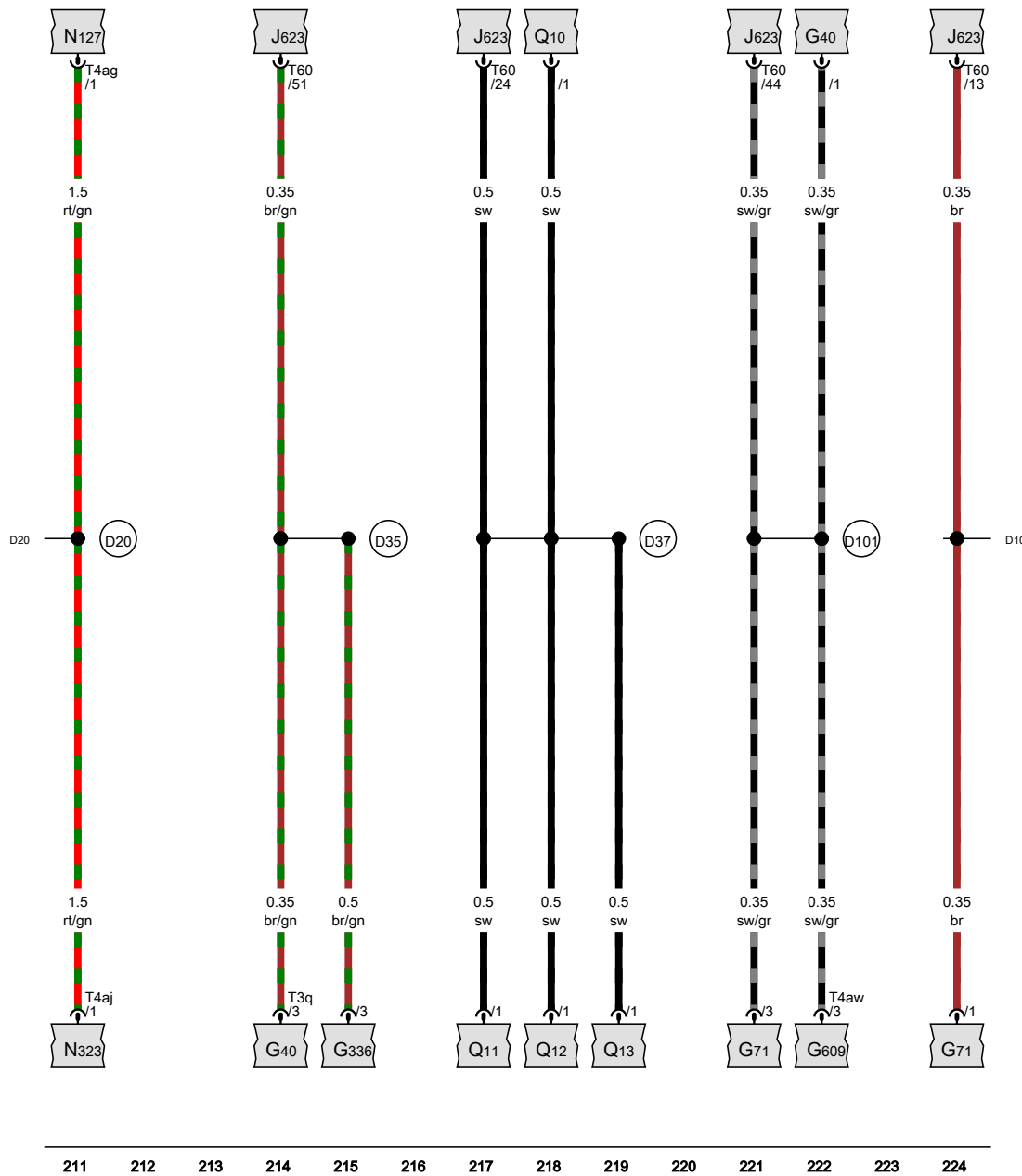


(E30) Connection 87a (in engine wiring harness)



F125	Multifunction transmission range switch
J217	Transmission control module
J386	Driver door control module
J387	Front passenger door control module
N70	Ignition coil 1 with power output stage
N291	Ignition coil 3 with power output stage
N292	Ignition coil 4 with power output stage
SB14	Fuse 14 (on fuse panel B)
SC23	Fuse 23 (on fuse panel C)
SC30	Fuse 30 (on fuse panel C)
T4af	4-pin connector
T4ah	4-pin connector
T4ai	4-pin connector
T10n	10-pin connector
T14a	14-pin connector
T20b	20-pin connector
T20e	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T40	40-pin connector
T52	52-pin connector
W31	Left front entry lamp
W32	Right front entry lamp

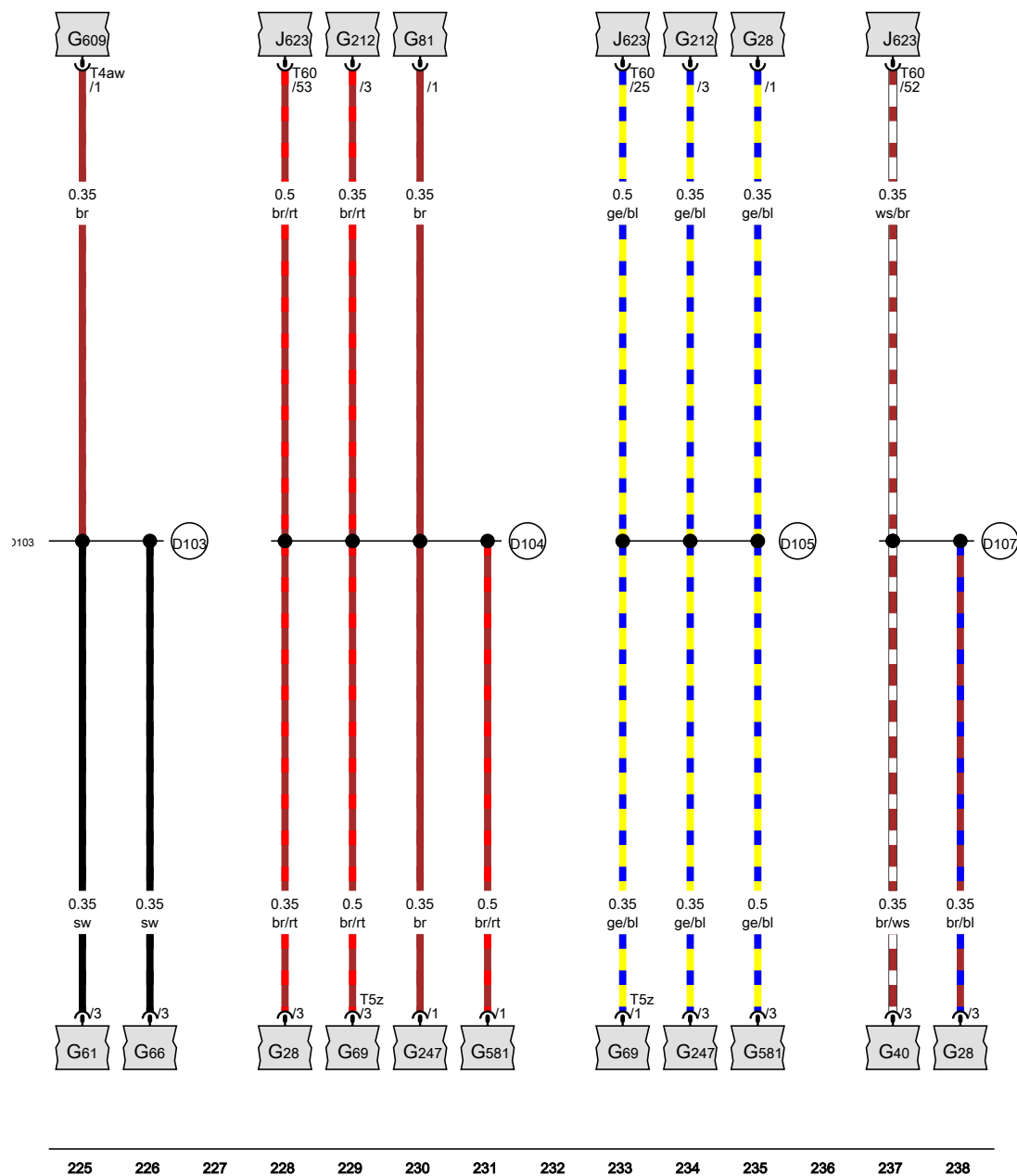
U8 Positive connection (15a) (in automatic transmission wiring harness)



Connection 87a (in right front wiring harness), Positive connection 1 (15a) (in engine pre-wiring harness), Glow plug connection (in engine pre-wiring harness), Connection 1 (in engine compartment wiring harness), Connection 3 (in engine compartment wiring harness)

- G40 Camshaft position sensor
- G71 Manifold absolute pressure sensor
- G336 Intake manifold runner position sensor
- G609 Secondary air injection sensor 1
- J623 Engine control module
- N127 Ignition coil 2 with power output stage
- N323 Ignition coil 5 with power output stage
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T3q 3-pin connector
- T4ag 4-pin connector
- T4aj 4-pin connector
- T4aw 4-pin connector
- T60 60-pin connector

- D20 Connection 87a (in right front wiring harness)
- D35 Positive connection 1 (15a) (in engine pre-wiring harness)
- D37 Glow plug connection (in engine pre-wiring harness)
- D101 Connection 1 (in engine compartment wiring harness)
- D103 Connection 3 (in engine compartment wiring harness)



Connection 3 (in engine compartment wiring harness), Positive connection 2 (30a) (in engine compartment wiring harness), Positive connection 3 (58d) (in engine compartment wiring harness), Connection 5 (in engine compartment wiring harness)

- G28 Engine speed sensor
- G40 Camshaft position sensor
- G61 Knock sensor 1
- G66 Knock sensor 2
- G69 Throttle position sensor
- G81 Fuel temperature sensor
- G212 EGR potentiometer
- G247 Fuel pressure sensor
- G581 Charge air pressure actuator position sensor
- G609 Secondary air injection sensor 1
- J623 Engine control module
- T4aw 4-pin connector
- T5z 5-pin connector
- T60 60-pin connector

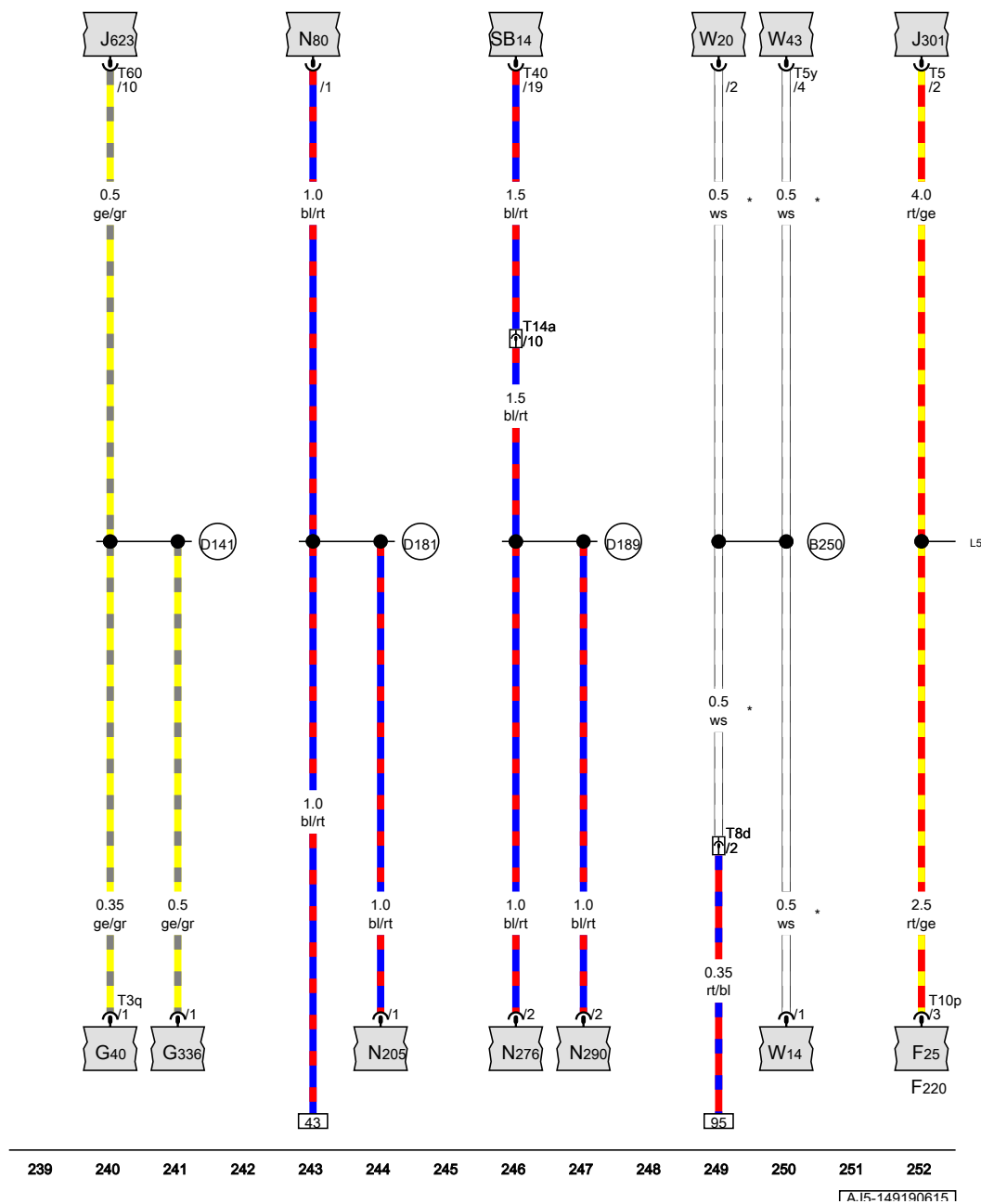
- D103 Connection 3 (in engine compartment wiring harness)
- D104 Positive connection 2 (30a) (in engine compartment wiring harness)
- D105 Positive connection 3 (58d) (in engine compartment wiring harness)
- D107 Connection 5 (in engine compartment wiring harness)

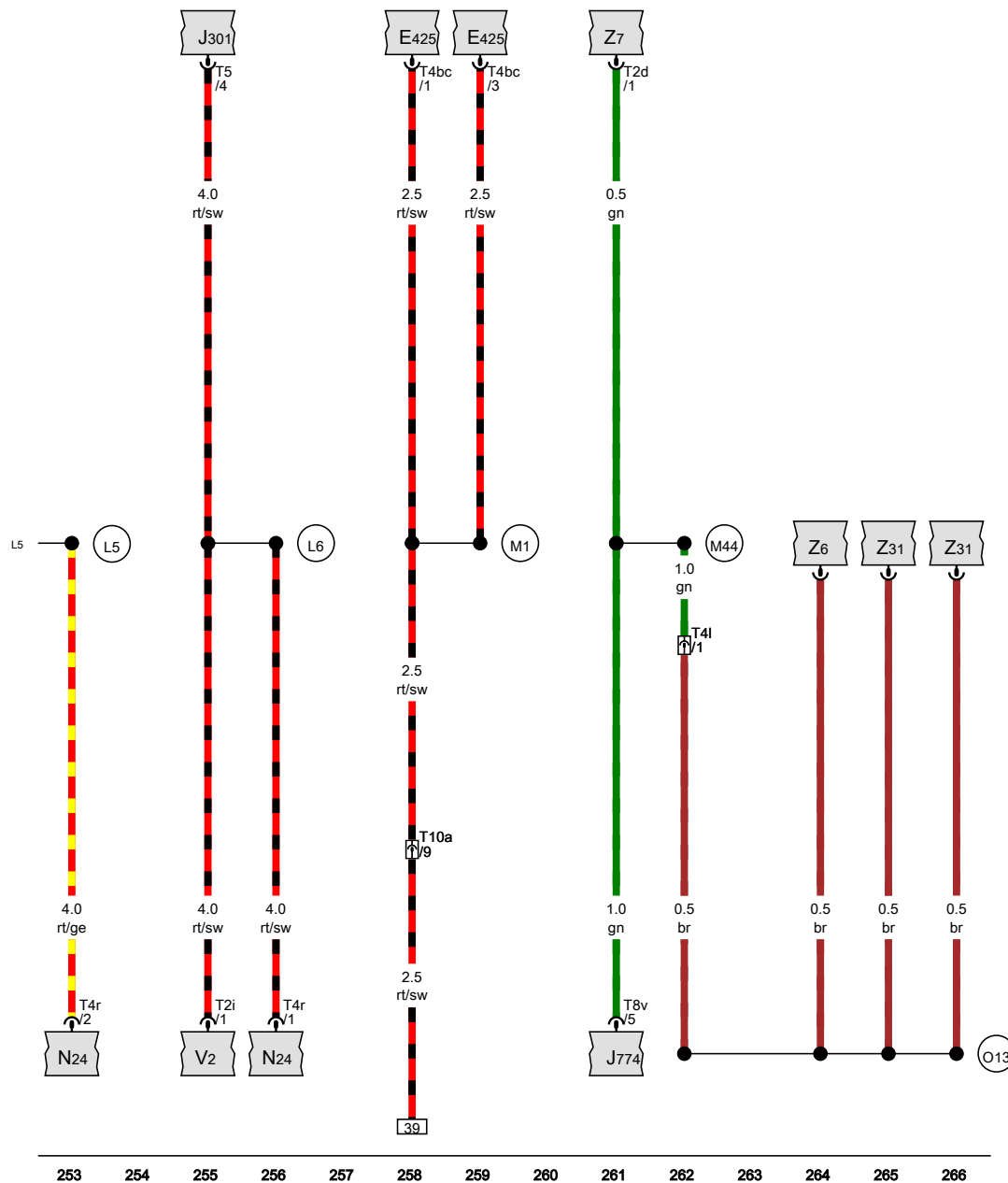
Positive connection (in roof wiring harness), Connection 5V (in engine pre-wiring harness), Connection 2 (87a) (in engine compartment wiring harness), Connection 87a (in engine pre-wiring harness), Connection 1 (in A/C unit wiring harness)

- F25 Fuel enrichment throttle valve switch
- F220 Driver central locking lock unit
- G40 Camshaft position sensor
- G336 Intake manifold runner position sensor
- J301 A/C control module
- J623 Engine control module
- N80 EVAP canister purge regulator valve 1
- N205 Camshaft adjustment valve 1
- N276 Fuel pressure regulator valve
- N290 Fuel metering valve
- SB14 Fuse 14 (on fuse panel B)
- T3q 3-pin connector
- T5 5-pin connector
- T5y 5-pin connector
- T8d 8-pin connector
- T10p 10-pin connector
- T14a 14-pin connector
- T40 40-pin connector
- T60 60-pin connector
- W14 Front passenger vanity mirror lamp
- W20 Driver vanity mirror lamp
- W43 Rear interior lamp

- (B250) Positive connection (in roof wiring harness)
- (D141) Connection 5V (in engine pre-wiring harness)
- (D181) Connection 2 (87a) (in engine compartment wiring harness)
- (D189) Connection 87a (in engine pre-wiring harness)
- (L5) Connection 1 (in A/C unit wiring harness)
- * Flat conductor

- ws = white
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Connection 1 (in A/C unit wiring harness), Connection 2 (in A/C unit wiring harness), Positive connection 1 (30) (in seat adjustment wiring harness), Connection 4 (in driver seat wiring harness), Connection 2 (in heated seats wiring harness)

- E425 Backrest adjustment button
- J301 A/C control module
- J774 Front seat heating control module
- N24 Fresh air blower series resistor with fuse
- T2d Double connector
- T2i Double connector
- T4bc 4-pin connector
- T4l 4-pin connector
- T4r 4-pin connector
- T5 5-pin connector
- T8v 8-pin connector
- T10a 10-pin connector
- V2 Fresh air blower
- Z6 Driver seat heating element
- Z7 Driver backrest heating element
- Z31 Driver seat bolster heater

- L5 Connection 1 (in A/C unit wiring harness)
- L6 Connection 2 (in A/C unit wiring harness)
- M1 Positive connection 1 (30) (in seat adjustment wiring harness)
- M44 Connection 4 (in driver seat wiring harness)
- O13 Connection 2 (in heated seats wiring harness)

Connection 5 (in driver seat wiring harness), Connection 4 (in front passenger seat wiring harness), Connection 3 (in heated seats wiring harness), Positive connection 1 (58b) (in power window wiring harness), Positive connection 2 (58b) (in power window wiring harness)

- E40 Left front window regulator switch
- E43 Mirror adjusting switch
- E233 Rear lid remote release button
- E308 Driver interior locking button
- G59 Heated driver seat temperature sensor
- J301 A/C control module
- J386 Driver door control module
- J774 Front seat heating control module
- T2e Double connector
- T4l 4-pin connector
- T4m 4-pin connector
- T4n 4-pin connector
- T4w 4-pin connector
- T6a 6-pin connector
- T8v 8-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T10c 10-pin connector
- T20c 20-pin connector
- T32a 32-pin connector
- Z8 Front passenger seat heating element
- Z9 Front passenger backrest heating element
- Z33 Front passenger seat bolster heater

- M45 Connection 5 (in driver seat wiring harness)
- M54 Connection 4 (in front passenger seat wiring harness)
- O14 Connection 3 (in heated seats wiring harness)
- Q38 Positive connection 1 (58b) (in power window wiring harness)
- Q39 Positive connection 2 (58b) (in power window wiring harness)

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