

Basic equipment

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

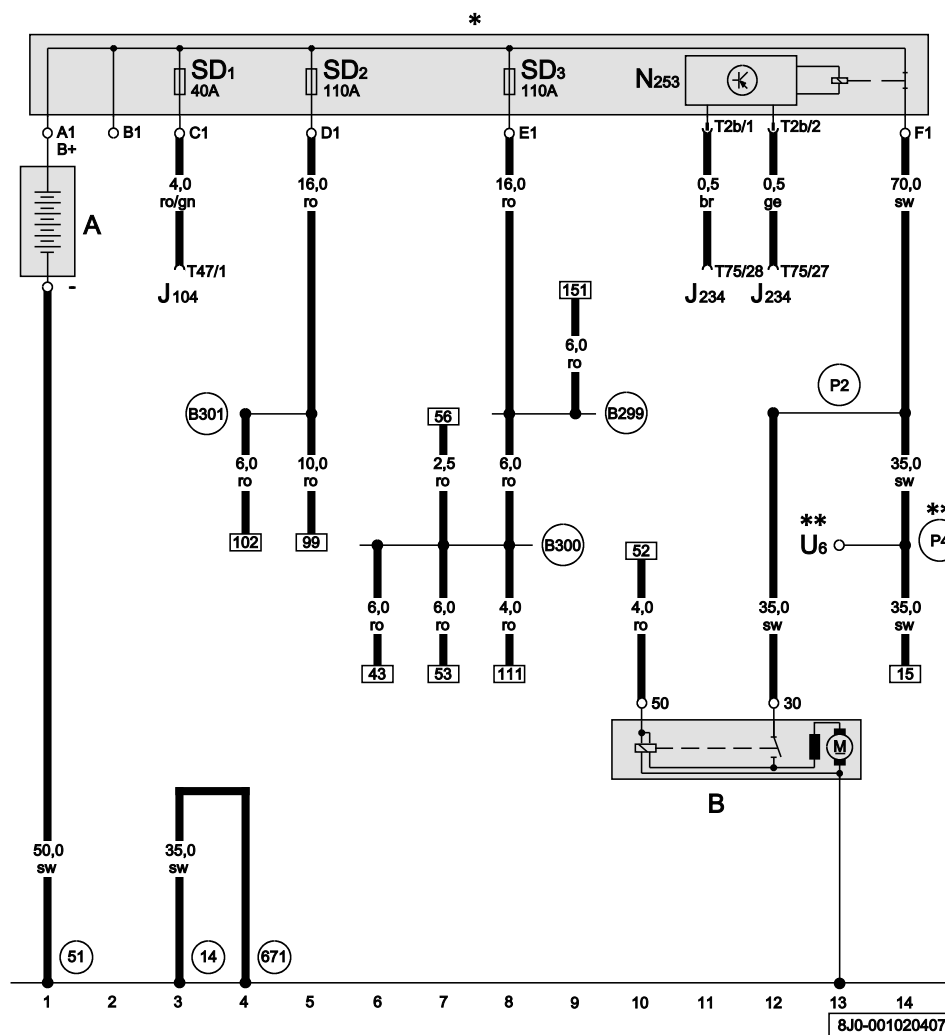


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2b 2-pin connector, purple, on battery isolation igniter
- T47 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- U6 Slave start socket

- 14 Earth point, on gearbox
- 51 Earth point, on right in luggage compartment
- 671 Earth point 1, on front of left longitudinal member
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30), in battery wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket



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

Alternator, suppression filter, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- C24 Suppression filter
- J293 Radiator fan control unit
- J623 Engine control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment

85 Earth connection 1, in engine compartment wiring harness

366 Earth connection 1, in main wiring harness

672 Earth point 2, on front of left longitudinal member

B272 Positive connection (30), in main wiring harness

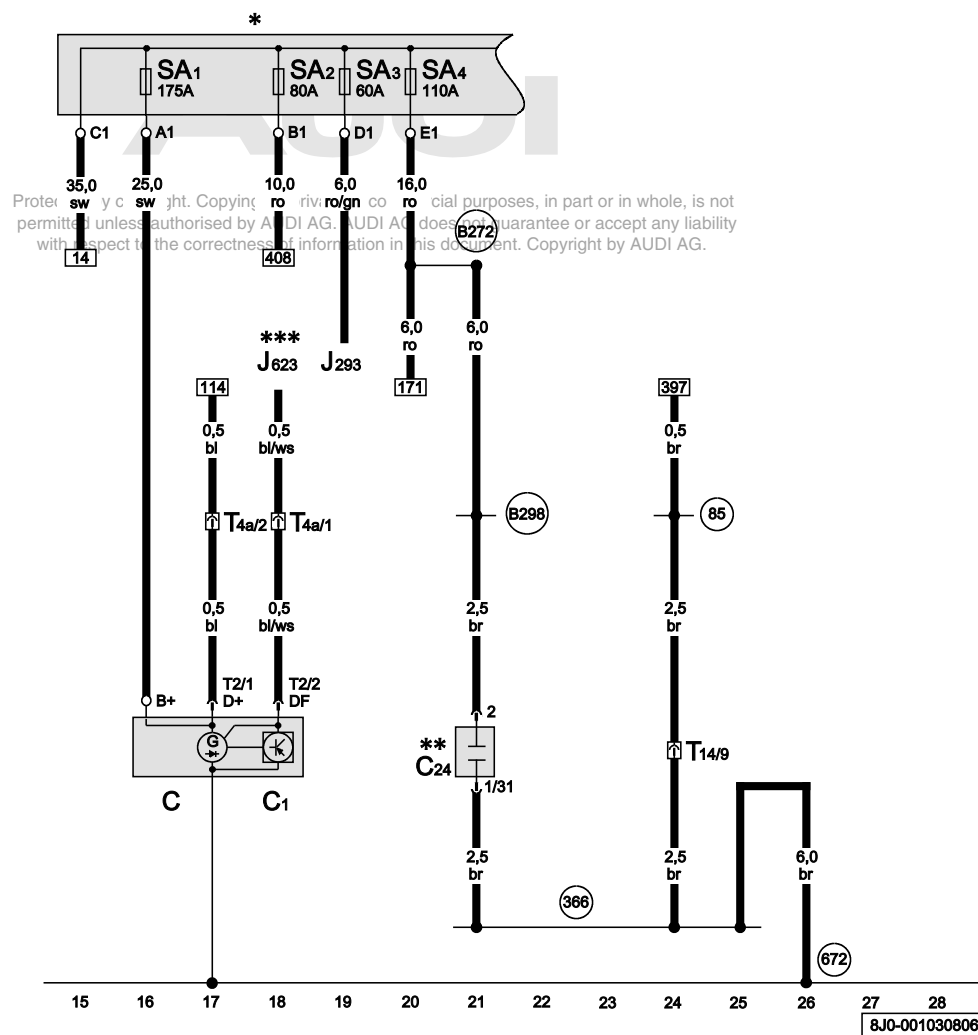
B298 Positive connection 2 (30), in main wiring harness

* Main fuse holder, electronics box, in front left engine compartment

** Relay and fuse carrier in electronics box engine compartment

*** ⇒ Engine 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



Fuses

- J104 ABS control unit
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T47 47-pin connector, on ABS control unit

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

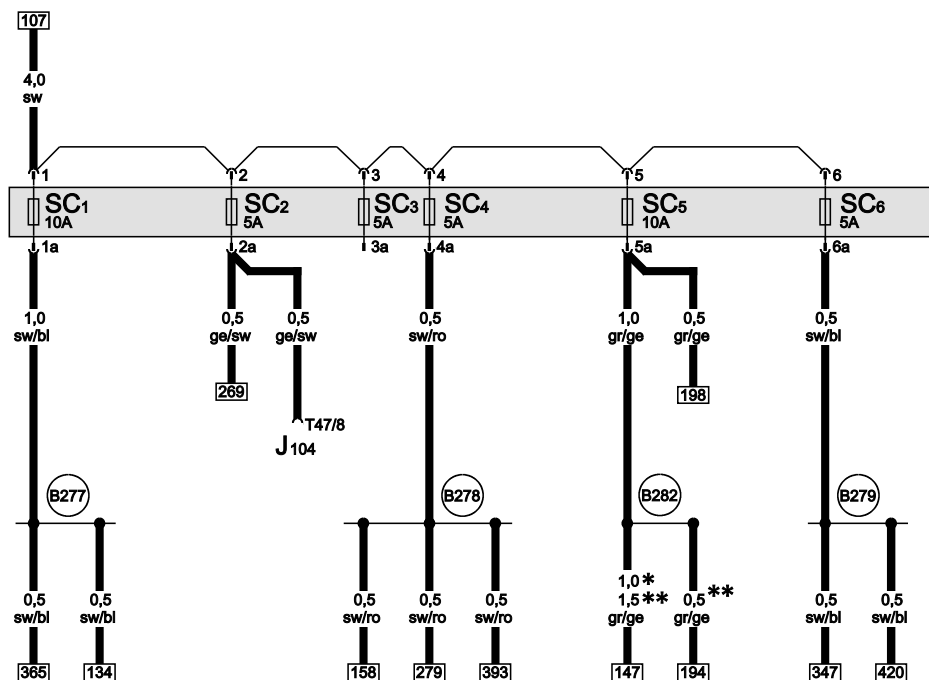
Protected by copyright. Copyright for this document is held by Audi AG. All rights reserved. Reproduction or distribution of this document is permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

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

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

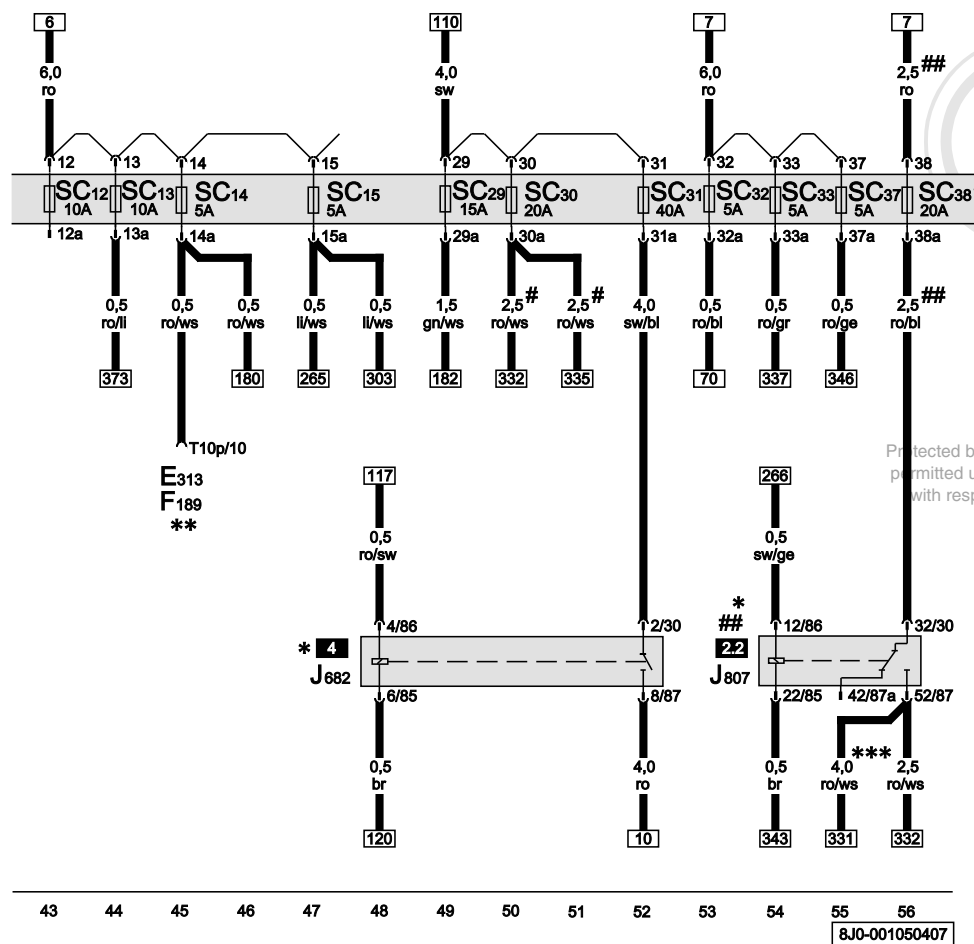
* up to May 2007
** from June 2007



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

Terminal 50 voltage supply relay, relay for power sockets, fuses

- E313 Selector lever
- F189 Tiptronic switch
- J682 Terminal 50 voltage supply relay
- J807 Relay for power sockets
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T10p 10-pin connector, on Tiptronic switch
- * Relay carrier under left dash panel
- *** models with direct shift gearbox 02E
- only USA
- # up to May 2007
- ## from June 2007

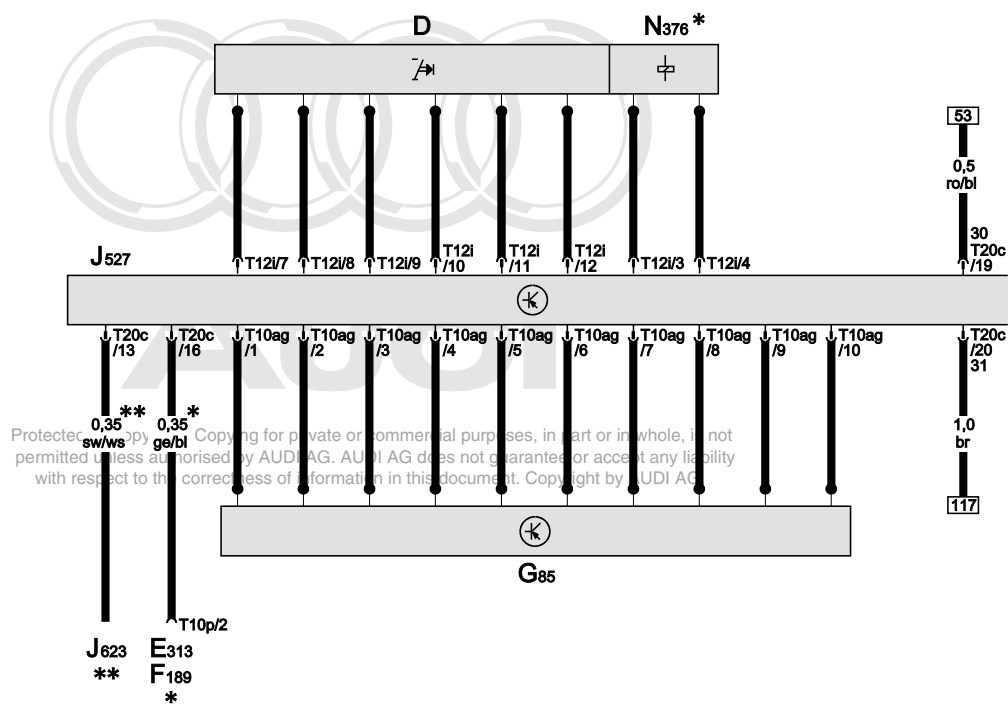


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Steering column electronics control unit, ignition/starter switch, steering angle sender, ignition key withdrawal lock solenoid

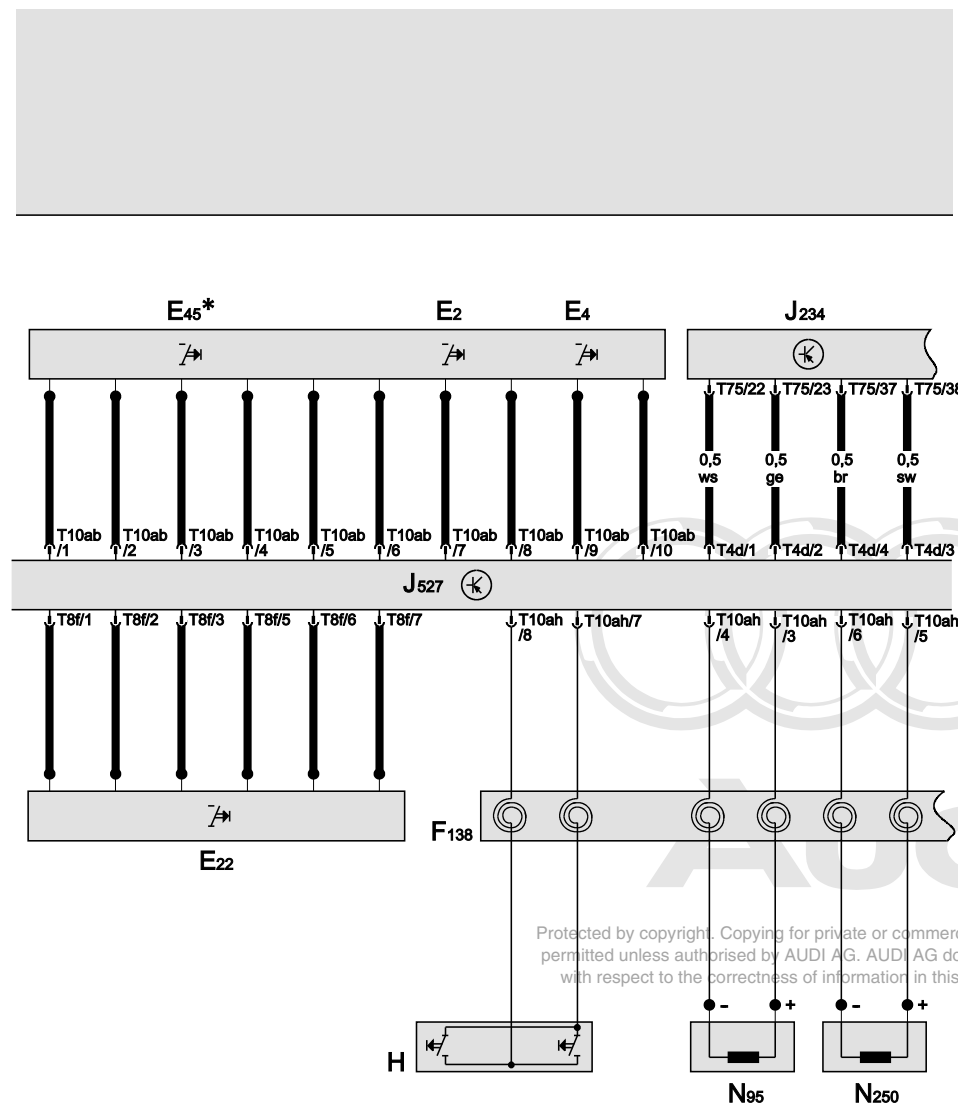
- D Ignition/starter switch
- E313 Selector lever
- F189 Tiptronic switch
- G85 Steering angle sender
- J527 Steering column electronics control unit
- J623 Engine control unit
- N376 Ignition key withdrawal lock solenoid
- T10p 10-pin connector, on Tiptronic switch
- T10ag 10-pin connector, on steering column electronics control unit
- T12i 12-pin connector, on steering column electronics control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- * models with direct shift gearbox 02E
- ** ⇒ Engine 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

Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, horn plate

- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F138 Airbag coil connector and return spring with slip ring
- H Horn plate
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T8f 8-pin connector, on steering column electronics control unit
- T10ab 10-pin connector, on steering column electronics control unit
- T10ah 10-pin connector, on steering column electronics control unit
- T75 75-pin connector, yellow, on airbag control unit
- * models with cruise control system

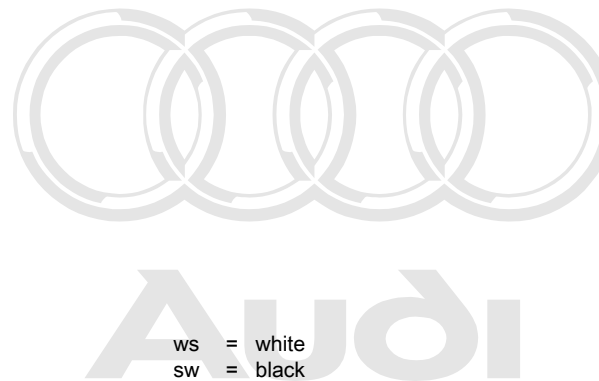
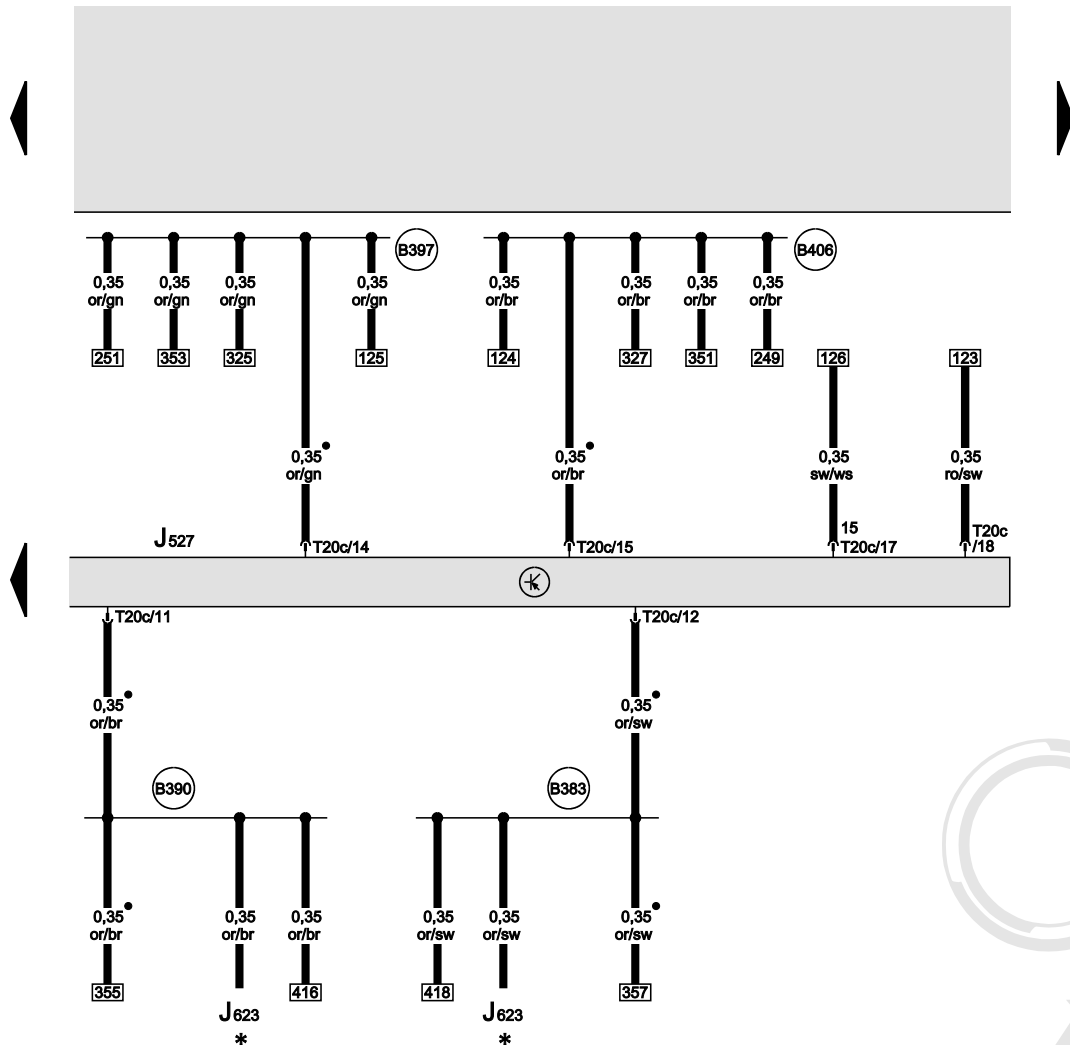


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

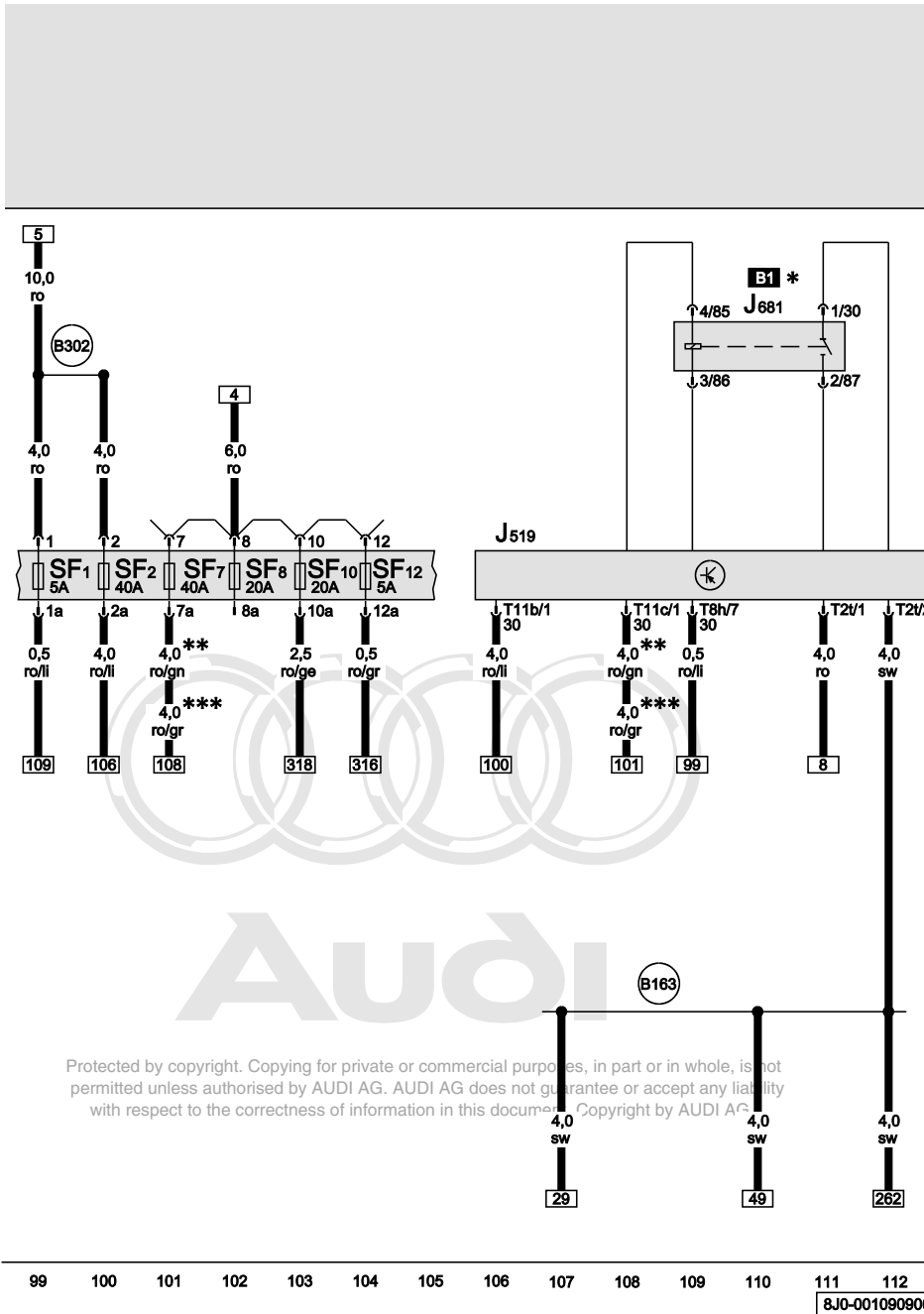
Steering column electronics control unit, CAN bus wiring

- J527 Steering column electronics control unit
- J623 Engine control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- (B383) Connection 1 (drive train CAN bus, high), in main wiring harness
- (B390) Connection 1 (drive train 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
- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the completeness of information in this document. Copyright by AUDI AG.

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, terminal 15 voltage supply relay 2, fuses

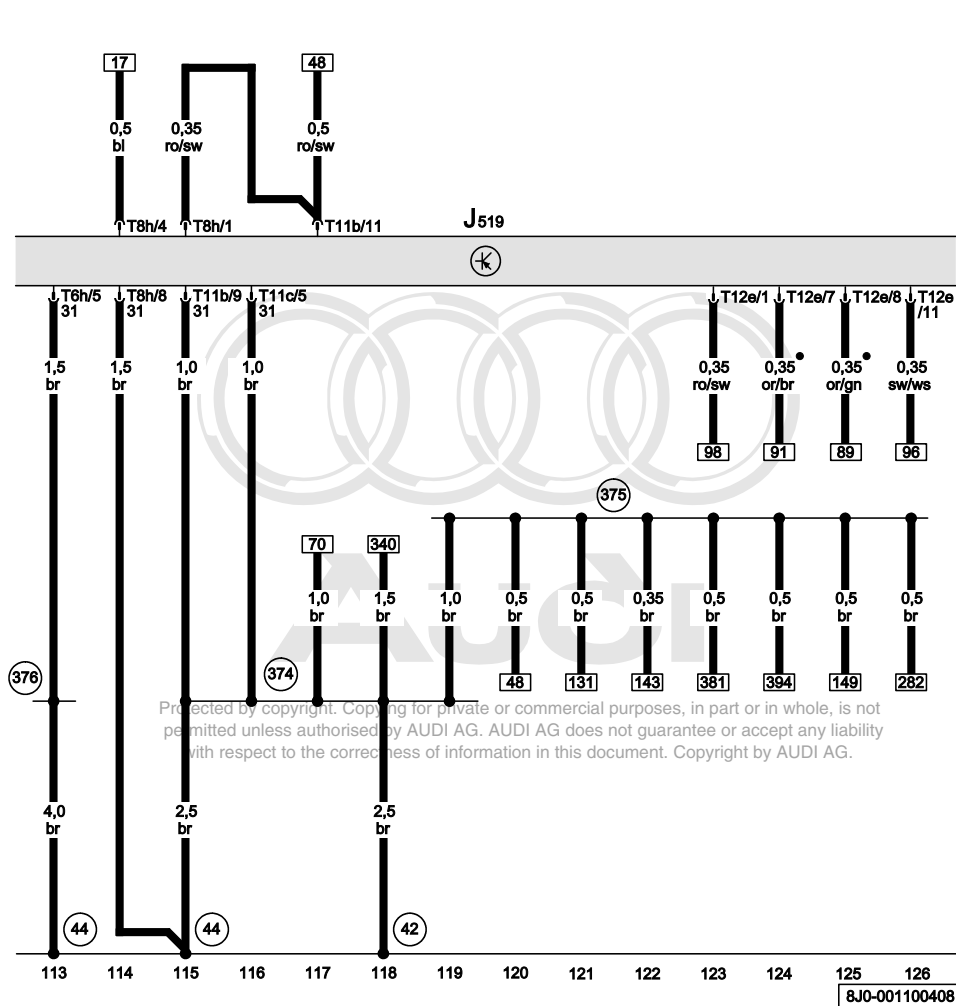
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- B163 Positive connection 1 (15), in interior wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * Relay carrier on onboard power supply control unit, under left dash panel
- ** Coupé
- *** Roadster

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

- J519 Onboard supply control unit
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T12e 12-pin connector, black, connector G, on onboard power supply control unit

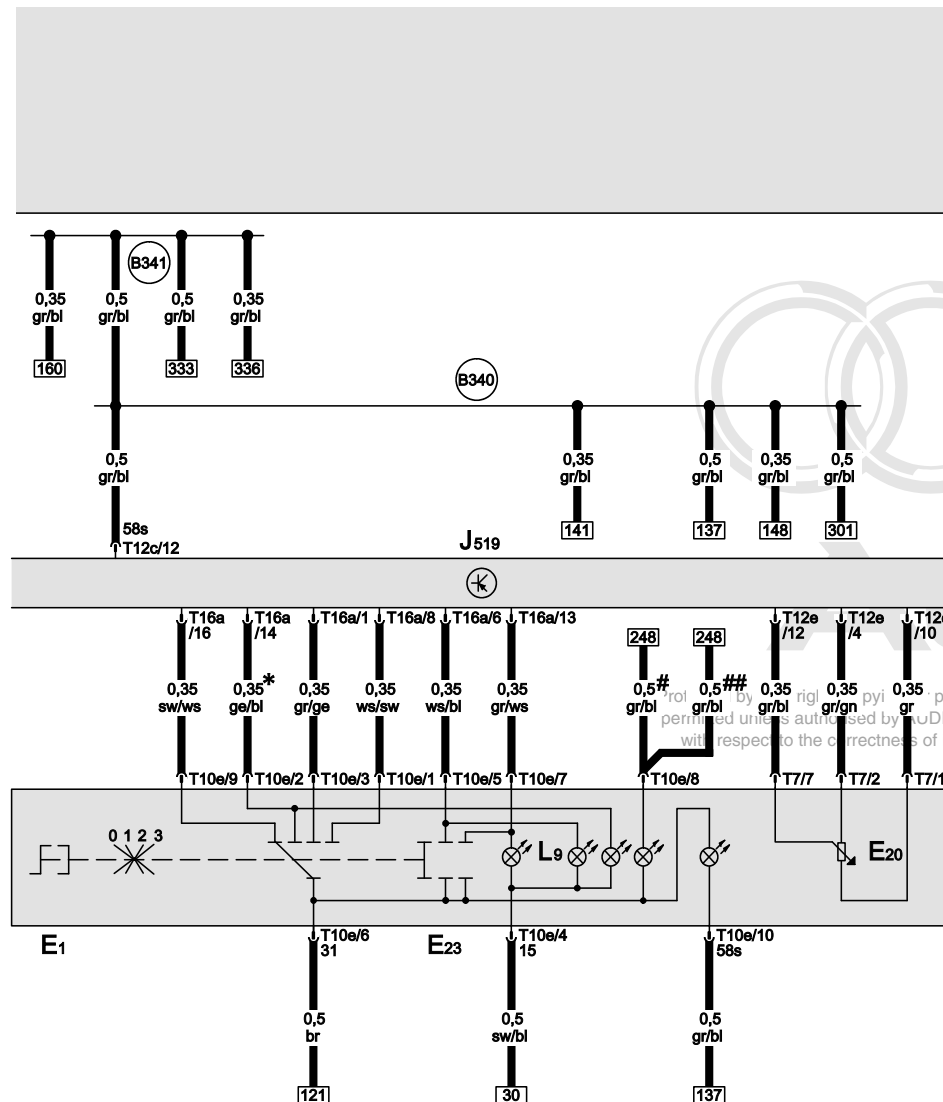
- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 376 Earth connection 11, in main wiring harness
 - CAN bus (data wire)



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, light switch, switches and instruments illumination regulator, front and rear fog light switch

- E1 Light switch
- E20 Switches and instruments illumination regulator
- E23 Front and rear fog light switch
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- T7 7-pin connector, black, connector B, on light switch
- T10e 10-pin connector, black, connector A, on light switch
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- * models with automatic headlight switching
- # up to May 2008
- ## from June 2008



- 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, horn relay, light switch, headlight range control regulator, treble tone horn, bass tone horn, switch for day driving lights switch off

- E1 Light switch
- E102 Headlight range control regulator
- E579 Switch for day driving lights switch off
- H2 Treble tone horn
- H7 Bass tone horn
- J413 Horn relay
- J519 Onboard supply control unit
- SC22 Fuse 22 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T6h 6-pin connector, connector J, on onboard supply control unit
- T7 7-pin connector, black, connector B, on light switch
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit

43 Earth point, lower part of right A-pillar

391 Earth connection 26, in main wiring harness

* Relay carrier on onboard power supply control unit, under left dash panel

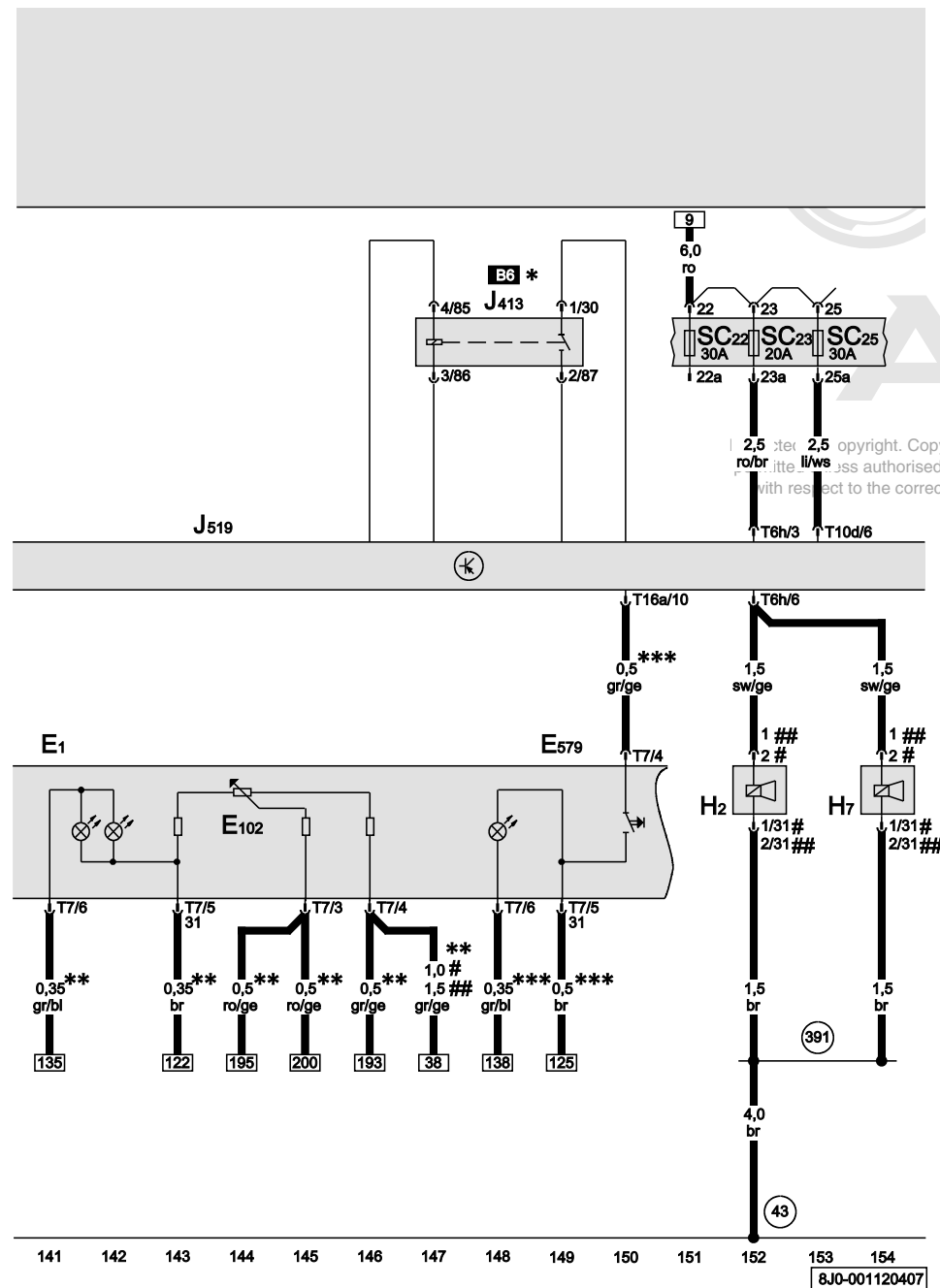
** models with manual headlight range control

*** models with day driving light

up to May 2007

from June 2007

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

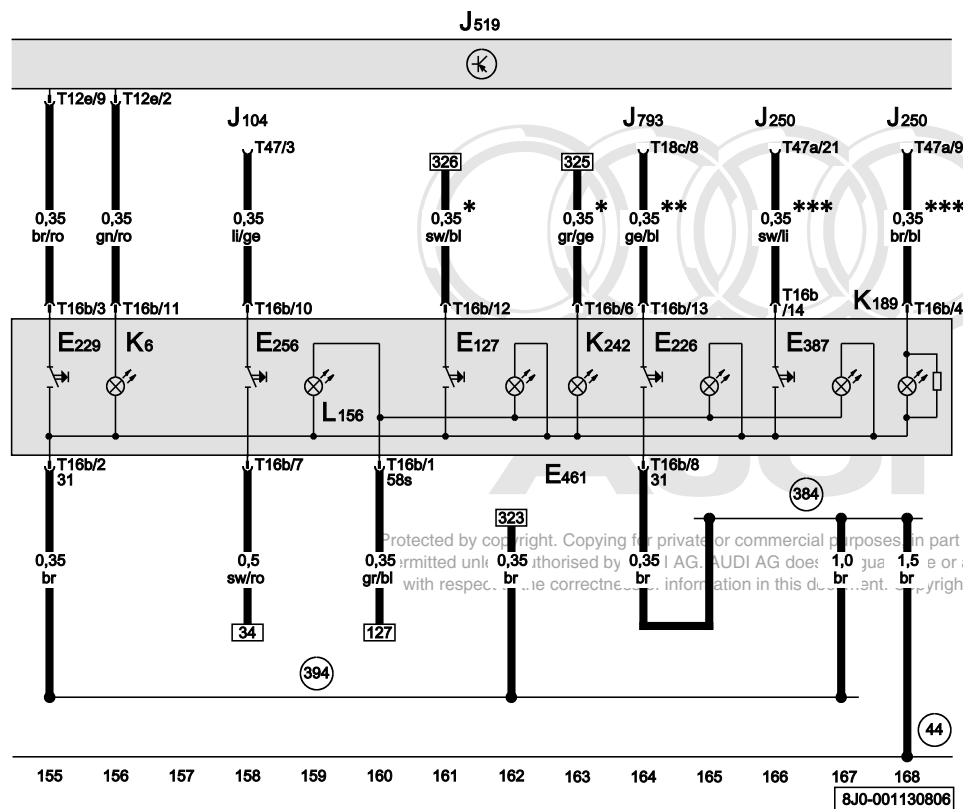


Onboard supply control unit, operating unit in front of centre console

- E127 Adjustable rear spoiler switch
- E226 Tyre pressure monitor button
- E229 Hazard warning lights button
- E256 TCS and ESP button
- E387 Shock absorber damping adjustment button
- E461 Operating unit in front of centre console
- J104 ABS control unit
- J250 Electronically controlled damping control unit
- J519 Onboard supply control unit
- J793 Tyre pressure monitor control unit 2
- K6 Hazard warning light system warning lamp
- K189 Shock absorber damping adjustment warning lamp
- K242 Rear spoiler position warning lamp
- L156 Switch illumination bulb
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T16b 16-pin connector, brown, on switch module centre console
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T47 47-pin connector, on ABS control unit
- T47a 47-pin connector, on electronically controlled damping control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness

- * models with adjustable rear spoiler
- ** models with tyre pressure monitor
- *** models with electronically controlled damping



- 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, headlight washer system relay, wiper motor control unit, rain and light sensor

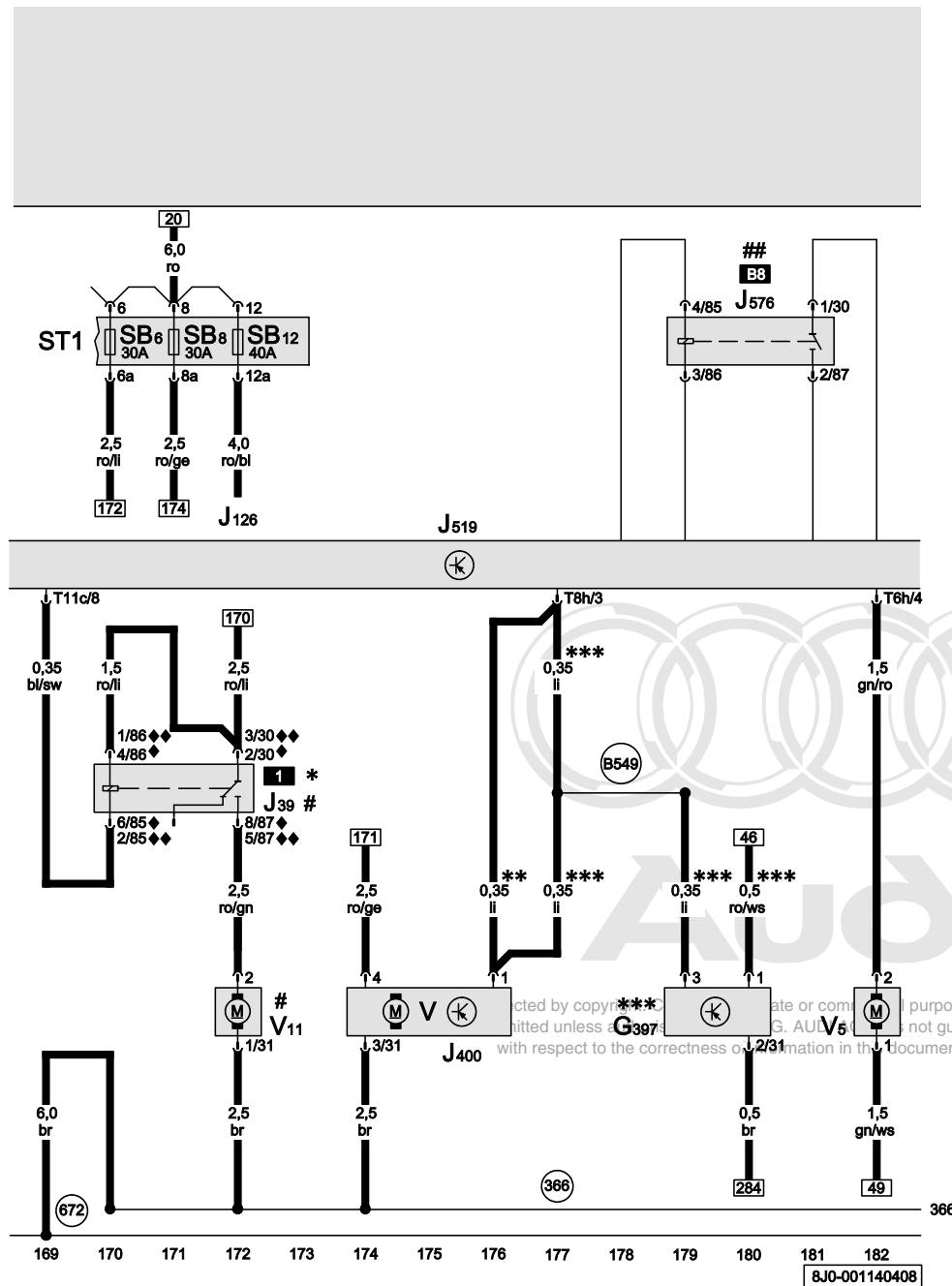
- G397 Rain and light detector sensor
- J39 Headlight washer system relay
- J126 Fresh air blower control unit
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- J576 Washer pump relay
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- V Windscreen wiper motor
- V5 Washer pump
- V11 Headlight washer system pump

366 Earth connection 1, in main wiring harness

672 Earth point 2, on front of left longitudinal member

B549 Connection 2 (LIN bus), in main wiring harness

- * Relay and fuse carrier in electronics box engine compartment
- ** models without rain and light detector sensor
- *** models with rain and light detector sensor
- # models with headlight washer system
- ## Relay carrier on onboard power supply control unit, under left dash panel
- ◆ up to May 2008
- ◆◆ from June 2008



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

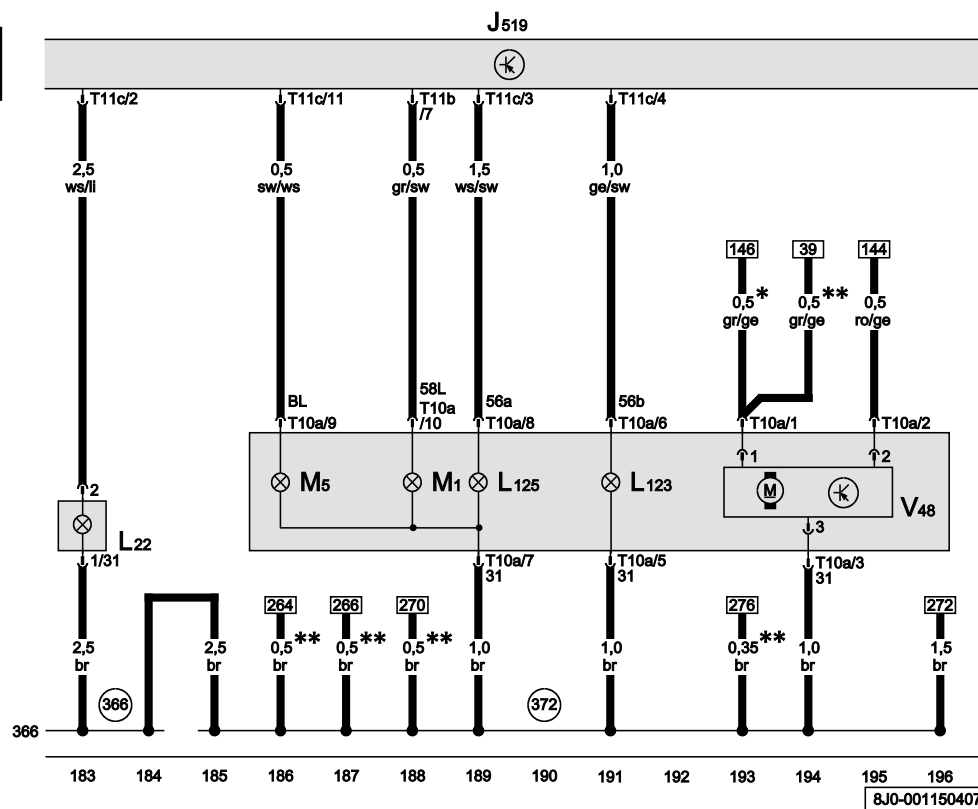
Onboard supply control unit, left fog light bulb, left side light bulb, front left turn signal bulb, left headlight range control motor, left dipped beam bulb, left main beam bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L123 Left dipped beam bulb
- L125 Left main beam bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- T10a 10-pin connector, on left of headlight
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit

Protected by copyright. Copying for private or commercial purposes without the written permission of Audi AG is prohibited. Audi AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Audi AG.

- V48 Left headlight range control motor
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness

- * up to May 2007
- ** from June 2007



- 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, right side light bulb, front right turn signal bulb, right headlight range control motor, right dipped beam bulb, right main beam bulb

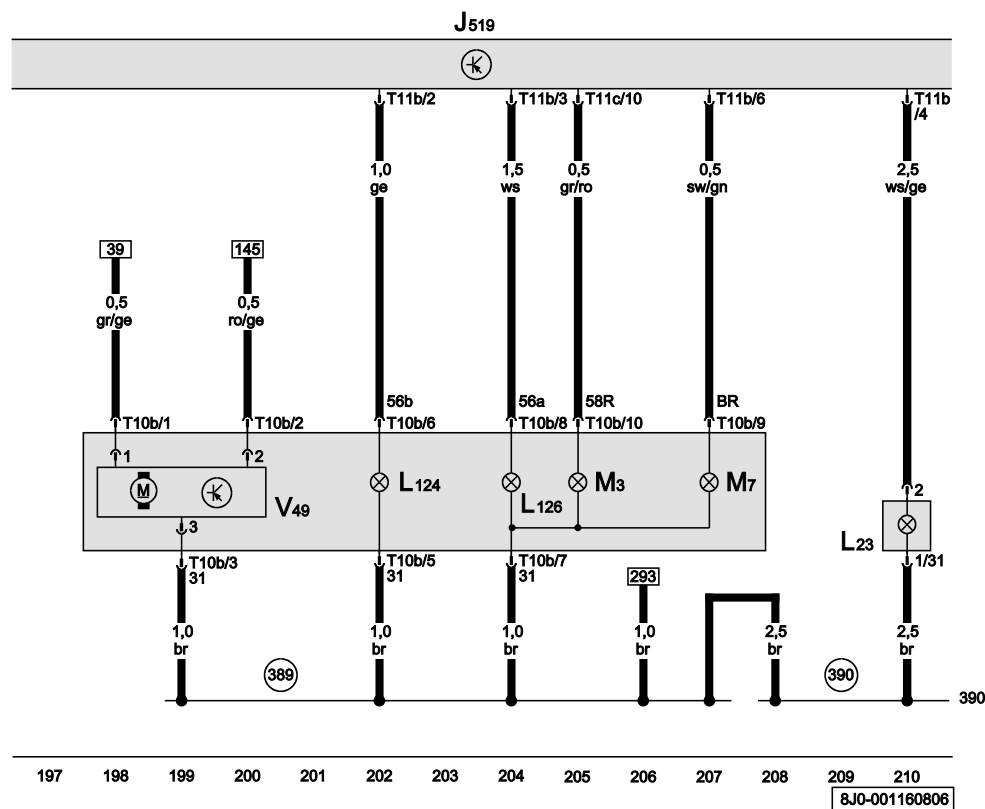
- J519 Onboard supply control unit
- L23 Right fog light bulb
- L124 Right dipped beam bulb
- L126 Right main beam bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- T10b 10-pin connector, on right of headlight
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit

V49 Right headlight range control motor

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document.



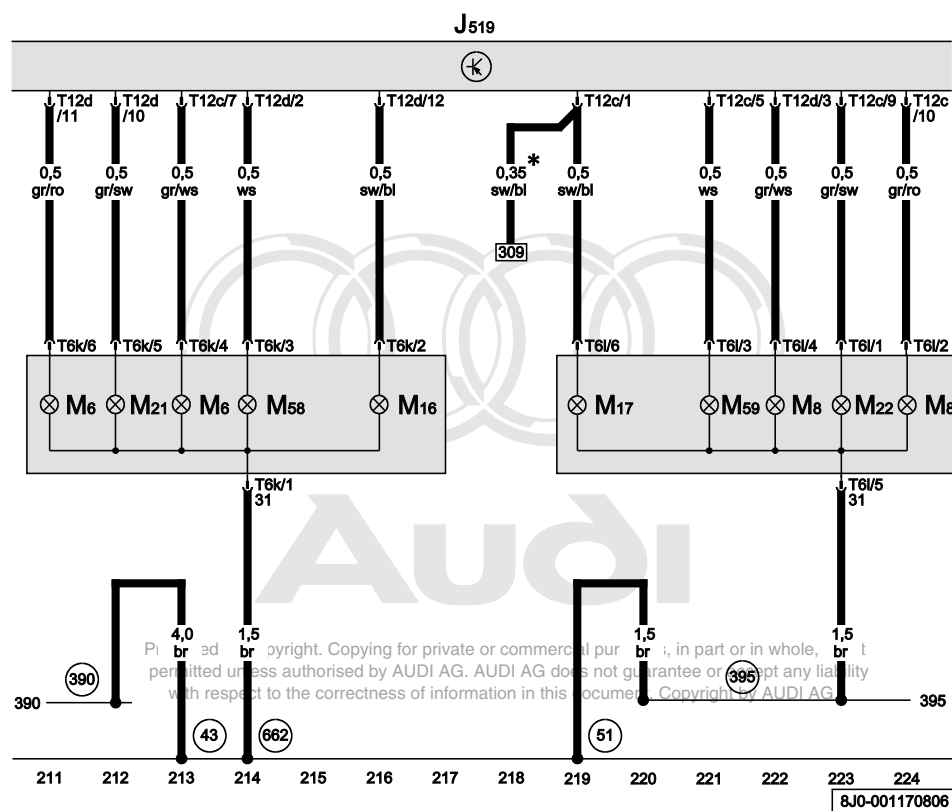
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, left and right tail light

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M58 Left brake and tail light bulb 2
- M59 Right brake and tail light bulb 2
- T6k 6-pin connector, black, on left tail light
- T6l 6-pin connector, black, on right tail light
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T12d 12-pin connector, brown, connector C, on onboard supply control unit

- 43 Earth point, lower part of right A-pillar
- 51 Earth point, on right in luggage compartment
- 390 Earth connection 25, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- 662 Earth point, rear left side panel

* models with automatic anti-dazzle interior mirror only



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

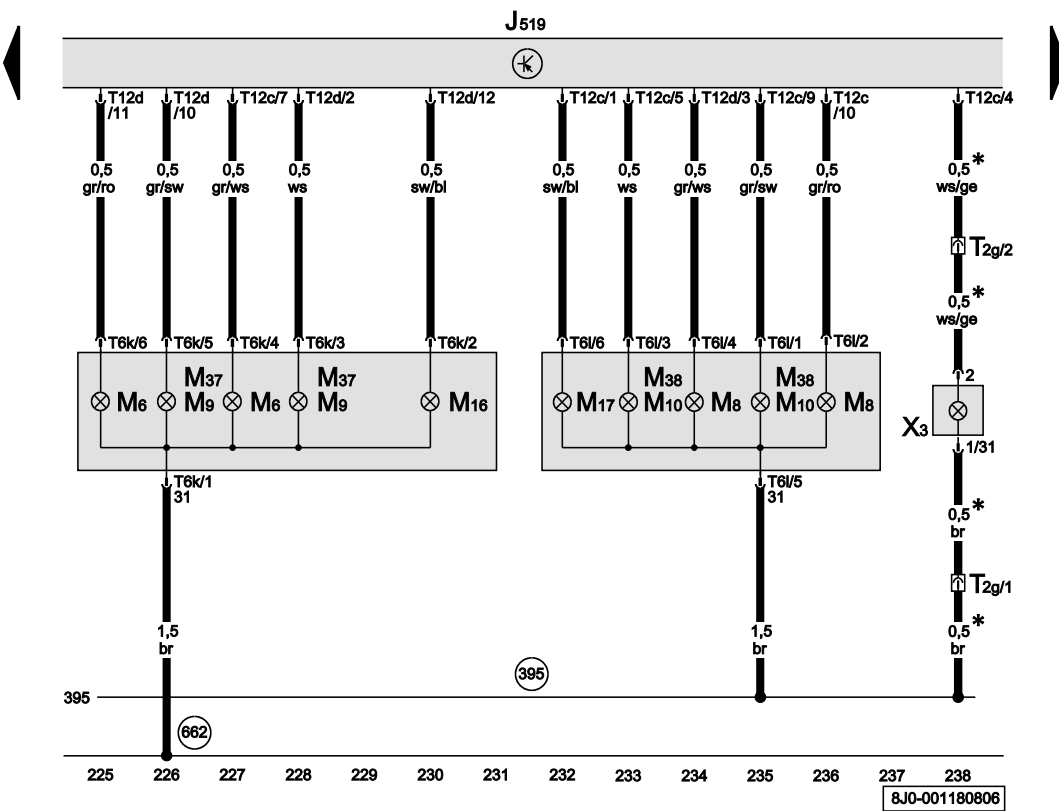
Onboard supply control unit, rear fog light, left and right tail light USA

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M37 Rear left side marker bulb
- M38 Rear right side marker bulb
- T2g 2-pin connector, black, on right in luggage compartment
- T6k 6-pin connector, black, on left tail light
- T6l 6-pin connector, black, on right tail light
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T12d 12-pin connector, brown, connector C, on onboard supply control unit
- X3 Rear fog light

395 Earth connection 30, in main wiring harness

662 Earth point, rear left side panel

* not USA



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Onboard supply control unit, heated rear window button, high level brake light bulb, number plate left and right light

- E230 Heated rear window button
- J255 Climatronic control unit
- J519 Onboard supply control unit
- M25 High level brake light bulb
- T8e 8-pin connector, brown, in left side panel, to rear lid
- T12d 12-pin connector, brown, connector C, on onboard supply control unit
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- X4 Number plate left light
- X5 Number plate right light

53 Earth point, on right in rear lid

98 Earth connection, in rear lid wiring harness

218 Earth connection 1, in rear lid wiring harness

662 Earth point, rear left side panel

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

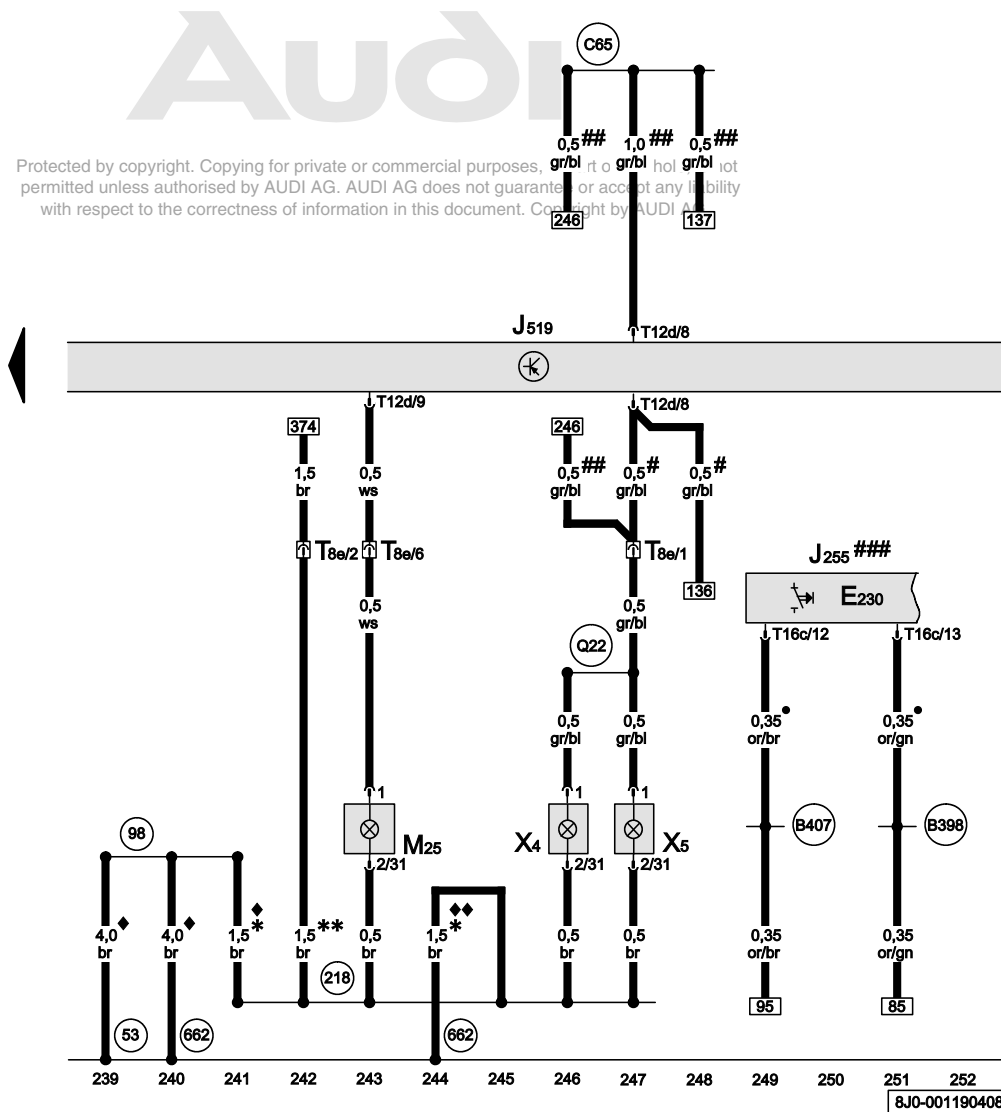
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

C65 Positive connection 1 for side marker light

Q22 Connection 1, in rear lid wiring harness

- CAN bus (data wire)
- * Coupé
- ** Roadster
- # up to May 2008
- ## from June 2008
- ### Operation for heated rear window via CAN bus
- ◆ up to May 2007
- ◆◆ from June 2007

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

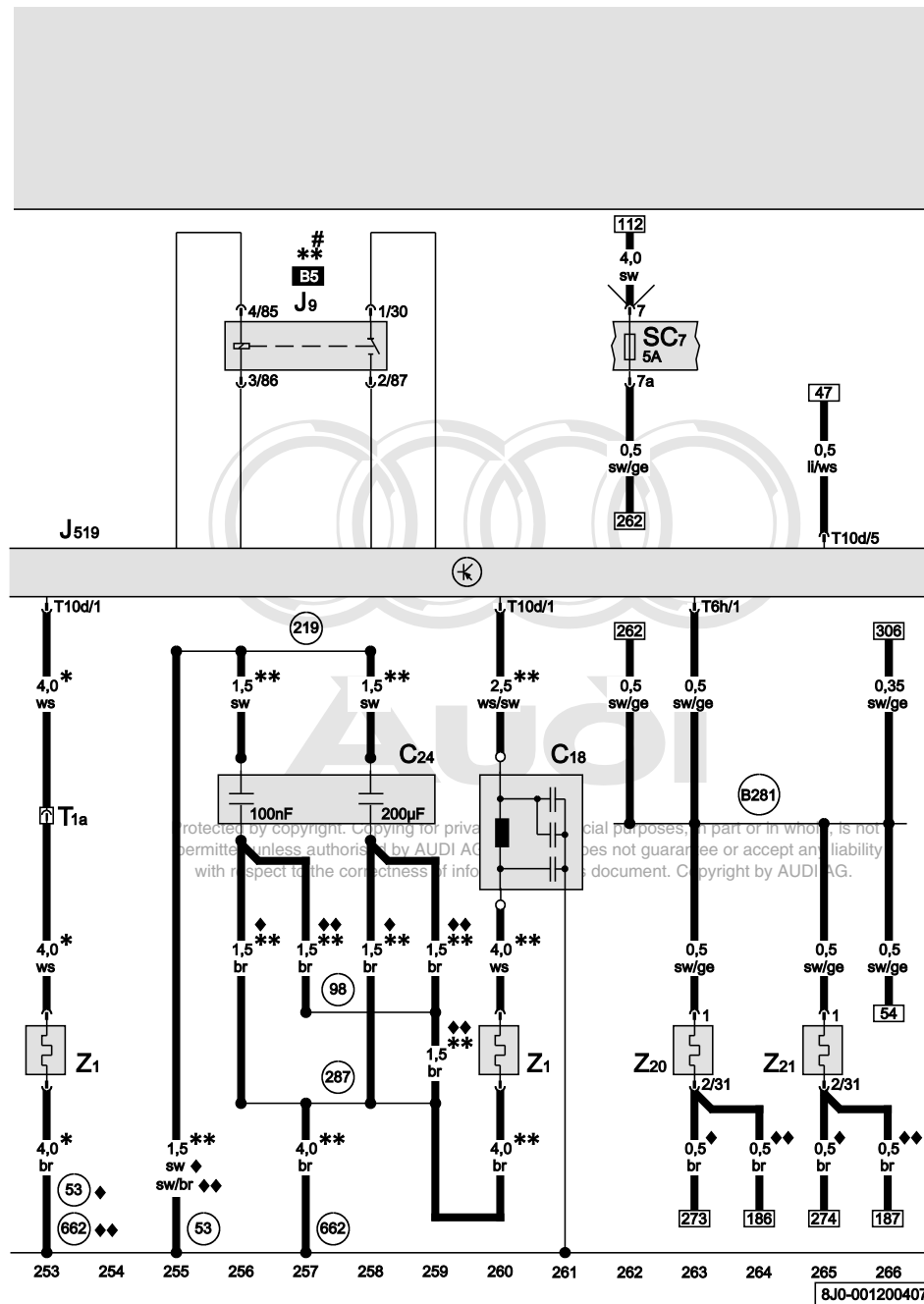


Onboard supply control unit, heated rear window relay, heated rear window, washer jet heater element

- C18 Window aerial suppression filter
 C24 Suppression filter
 J9 Heated rear window relay
 J519 Onboard supply control unit
 SC7 Fuse 7 on fuse holder C
 T1a Single connector, black, left side panel
 T6h 6-pin connector, connector J, on onboard supply control unit
 T10d 10-pin connector, black, connector K, on onboard power supply control unit
 Z1 Heated rear window
 Z20 Left washer jet heater element
 Z21 Right washer jet heater element

- 53 Earth point, on right in rear lid
 98 Earth connection, in rear lid wiring harness
 219 Earth connection 2, in rear lid wiring harness
 287 Earth connection, in rear lid feeder wiring harness
 662 Earth point, rear left side panel
 B281 Positive connection 5 (15a), in main wiring harness
 * models without radio
 ** models with radio
 # Relay carrier on onboard power supply control unit, under left dash panel
 ♦ up to May 2007
 ♦♦ from June 2007

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



Onboard power supply control unit, brake light switch, brake pedal switch, reversing light switch, clutch position sender

- F Brake light switch
- F4 Reversing light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Motronic current supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- J743 Mechatronic unit for direct shift gearbox
- SB8 Fuse 8 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- T4t 4-pin connector, black, on brake light switch
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T20e 20-pin connector, on mechatronic unit for direct shift gearbox
- T47 47-pin connector, on ABS control unit

371 Earth connection 6, in main wiring harness

B335 Connection 1 (54), in main wiring harness

- * ⇒ Engine Current Flow Diagram
- ** models with manual gearbox
- *** models with direct shift gearbox 02E
- # Relay and fuse carrier in electronics box engine compartment
- ## not USA
- ### up to May 2007, only USA
- ◆ up to May 2007
- ◆◆ from June 2007

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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Onboard supply control unit, terminal 30 voltage supply relay 2, vanity mirror contact switch, glove compartment light, illuminated vanity mirror

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger side vanity mirror contact switch
- J519 Onboard supply control unit
- J689 Terminal 30 voltage supply relay 2
- L151 Front left footwell illumination bulb
- L152 Front right footwell illumination bulb
- T8k 8-pin connector, black, behind right dash panel
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

44 Earth point, lower part of left A-pillar

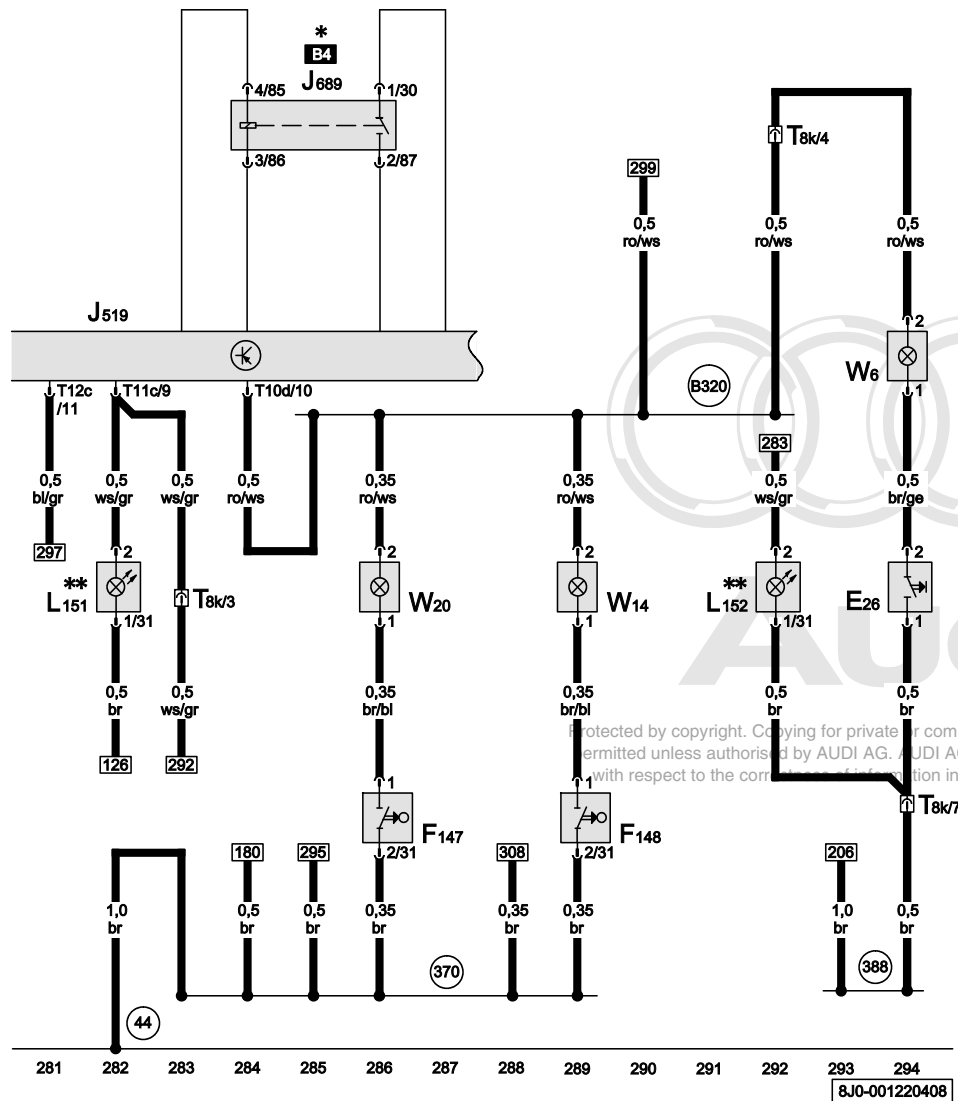
370 Earth connection 5, in main wiring harness

388 Earth connection 23, in main wiring harness

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

* Relay carrier on onboard power supply control unit, under left dash panel

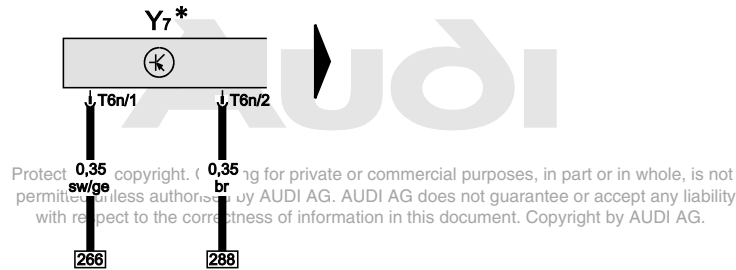
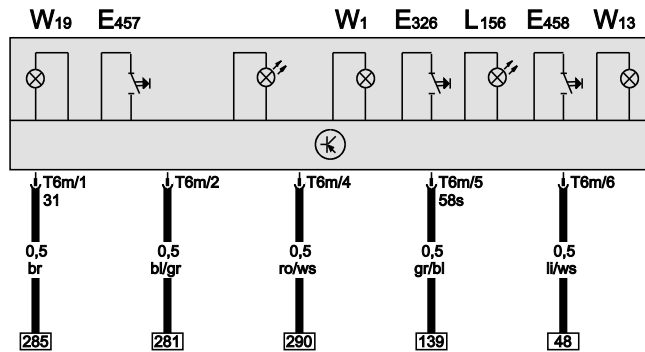
** Models with LED equipment (QQ1)



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

Front interior light button, reading light button, front interior light, reading light, automatic anti-dazzle interior mirror

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- L156 Switch illumination bulb
- T6m 6-pin connector, brown, on interior light
- T6n 6-pin connector, black, on interior mirror
- W1 Front interior light
- W13 Front passenger side reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror
- * models with automatic anti-dazzle interior mirror only



Protect copyright. () ing for private or commercial purposes, in part or in whole, is not permitted without authorization by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Convenience system central control unit, automatic anti-dazzle interior mirror, tank filler flap locking motor

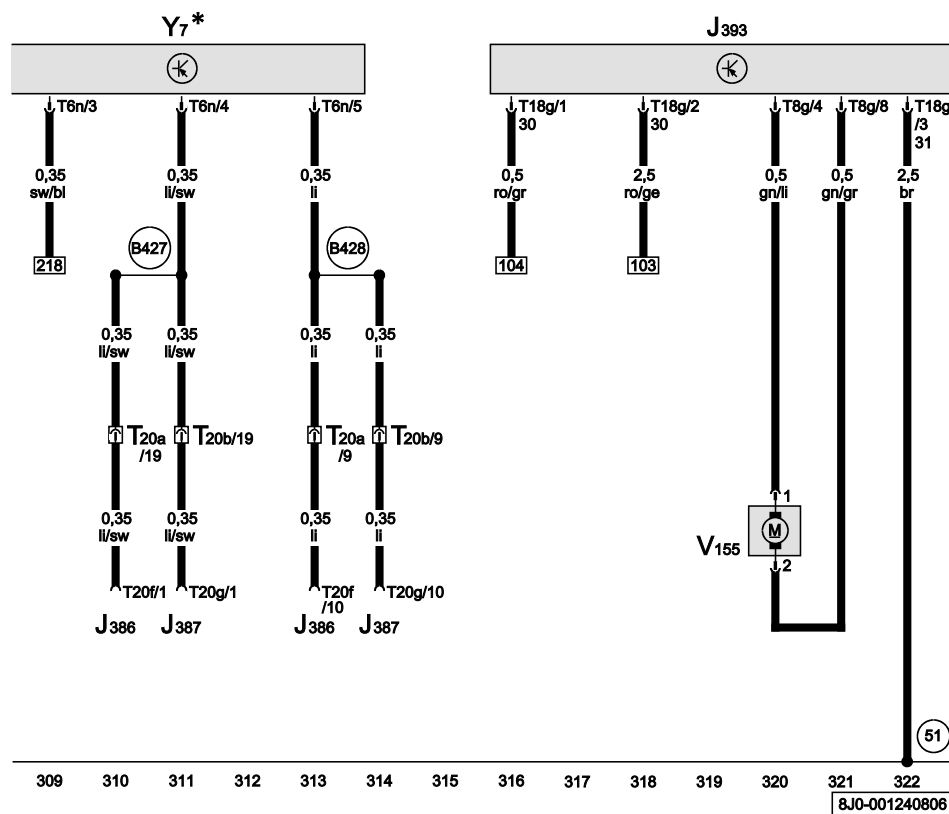
- J386 Driver door control unit
- J387 Front passenger door control unit
- J393 Convenience system central control unit
- T6n 6-pin connector, black, on interior mirror
- T8g 8-connector, black, connector B, on convenience system central control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T20f 20-pin connector, black, connector A, on driver door control unit
- T20g 20-pin connector, connector A, on front passenger door control unit
- V155 Tank filler flap locking motor
- Y7 Automatic anti-dazzle interior mirror

51 Earth point, on right in luggage compartment

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

* models with automatic anti-dazzle interior mirror only



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

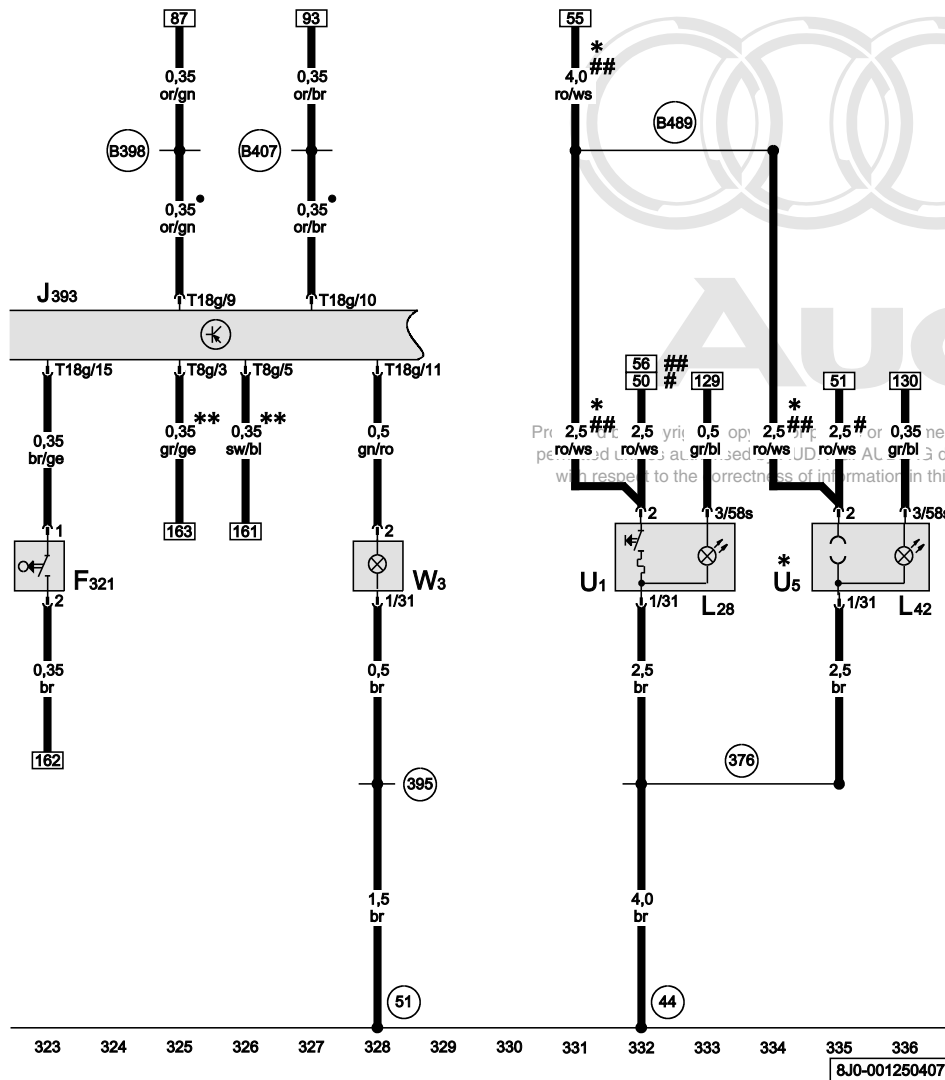
Convenience system central control unit, parking brake contact switch, socket illumination bulb, cigarette lighter, 12 V socket, luggage compartment light

- F321 Parking brake contact switch
- J393 Convenience system central control unit
- L28 Cigarette lighter illumination bulb
- L42 Socket illumination bulb
- T8g 8-connector, black, connector B, on convenience system central control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- U1 Cigarette lighter
- U5 12 V socket
- W3 Luggage compartment light

- 44 Earth point, lower part of left A-pillar
- 51 Earth point, on right in luggage compartment
- 376 Earth connection 11, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B489 Connection 25 in main wiring harness

- CAN bus (data wire)
- * only USA
- ** models with adjustable rear spoiler up to May 2007
- # up to May 2007
- ## from June 2007

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



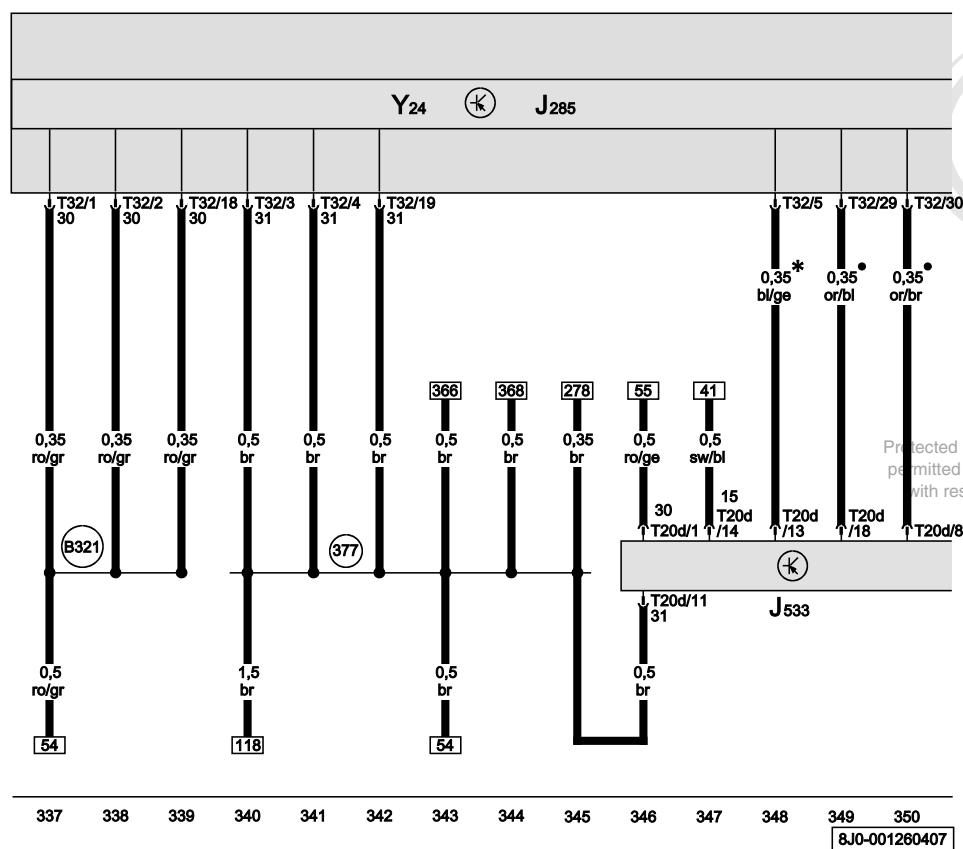
Control unit in dash panel insert, data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

377 Earth connection 12, in main wiring harness

B321 Positive connection 7 (30a), in main wiring harness

- CAN bus (data wire)
- * Wake Up wire (exciter wire)



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

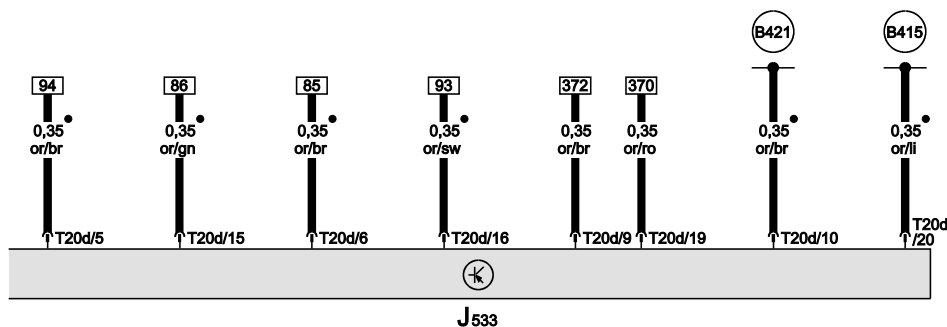
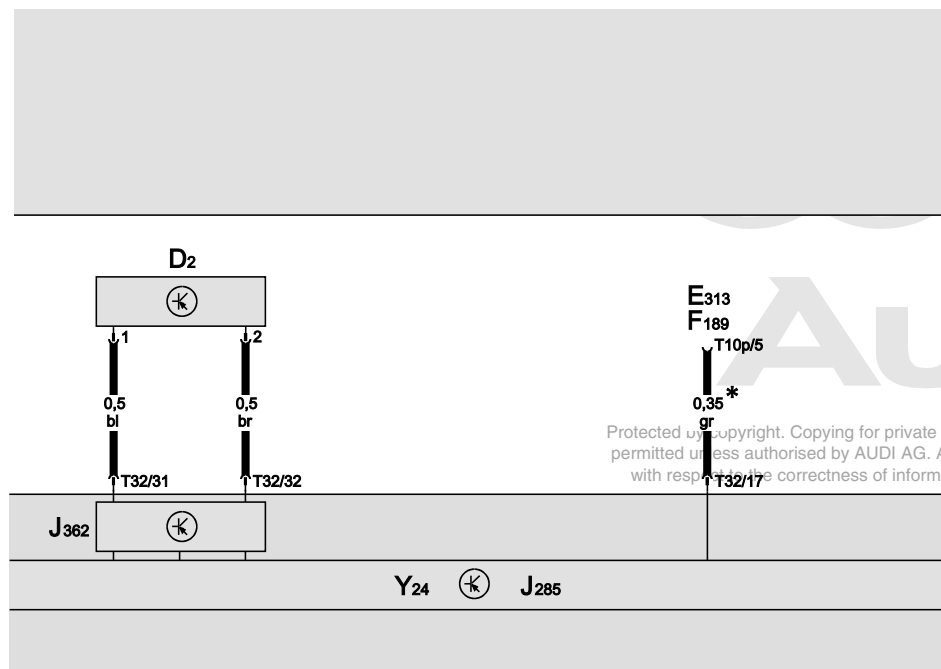
Control unit in dash panel insert, data bus diagnostic interface, immobilizer control unit, immobilizer reader coil

- D2 Immobilizer reader coil
- E313 Selector lever
- F189 Tiptronic switch
- J285 Control unit in dash panel insert
- J362 Immobilizer control unit
- J533 Data bus diagnostic interface
- T10p 10-pin connector, on Tiptronic switch
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

(B415) Connection 1 (infotainment CAN bus, high), in main wiring harness

(B421) Connection 1 (infotainment CAN bus, low), in main wiring harness

CAN bus (data wire)
models with direct shift gearbox 02E



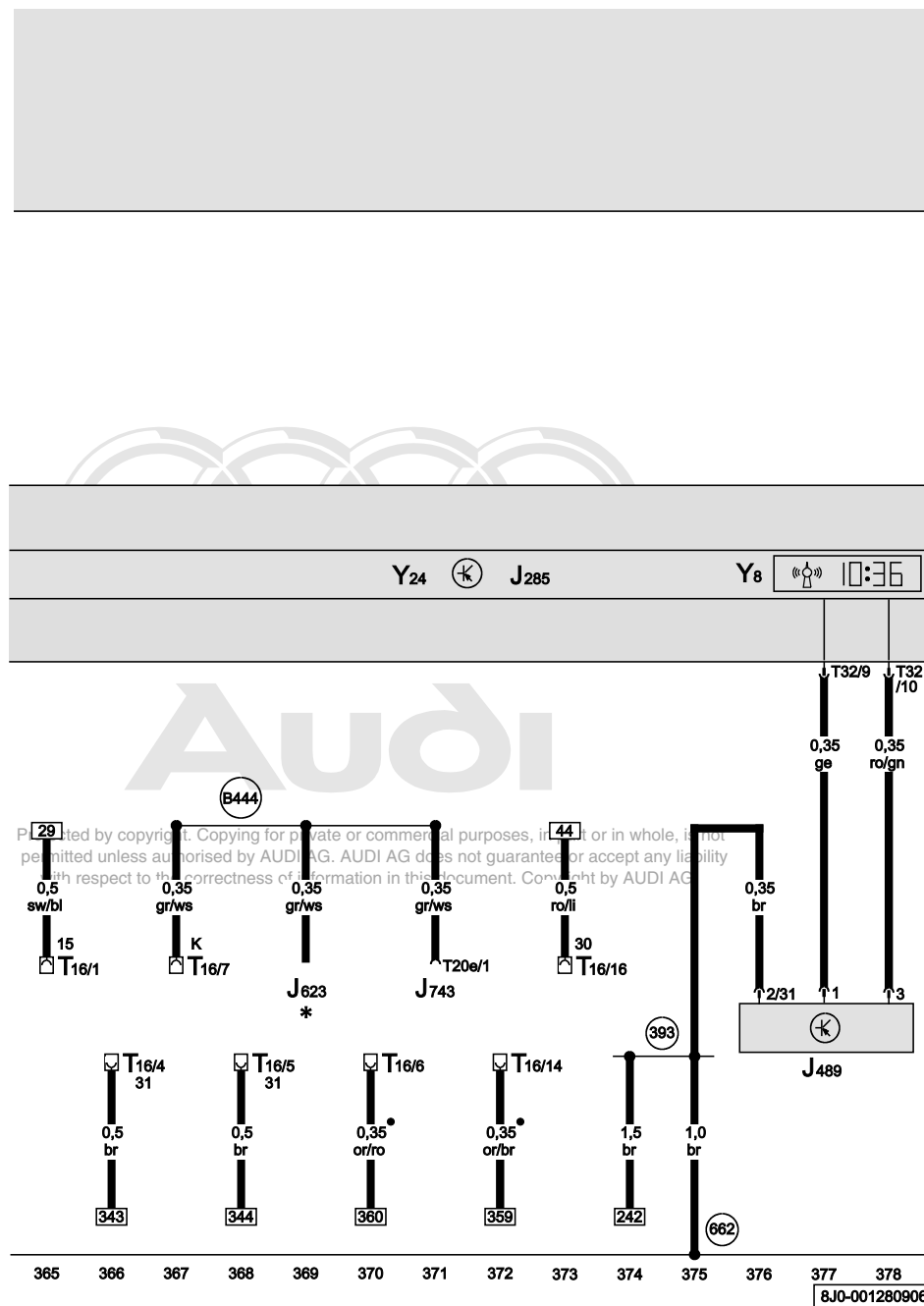
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert, diagnosis socket, radio controlled clock receiver, radio controlled clock

- J285 Control unit in dash panel insert
- J489 Radio controlled clock receiver
- J623 Engine control unit
- J743 Mechatronic unit for direct shift gearbox
- T16 16-pin connector, diagnostic connector
- T20e 20-pin connector, on mechatronic unit for direct shift gearbox
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y8 Radio controlled clock
- Y24 Display in dash panel insert

- 393 Earth connection 28, in main wiring harness
- 662 Earth point, rear left side panel
- B444 Connection 1 (diagnosis), in main wiring harness

- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram



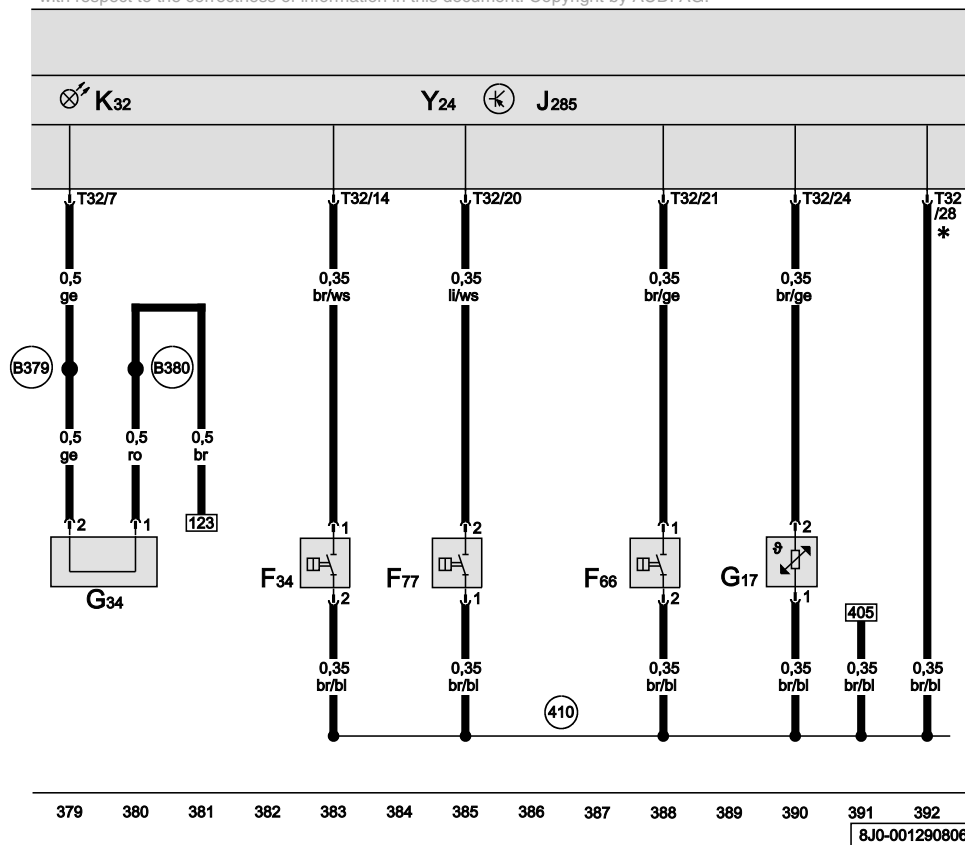
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert, brake fluid level warning contact, ambient temperature sensor, front left brake pad wear sender, brake pad warning lamp, coolant shortage indicator switch, washer fluid warning contact

- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- F77 Washer fluid warning contact
- G17 Ambient temperature sensor
- G34 Front left brake pad wear sender
- J285 Control unit in dash panel insert
- K32 Brake pad warning lamp
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

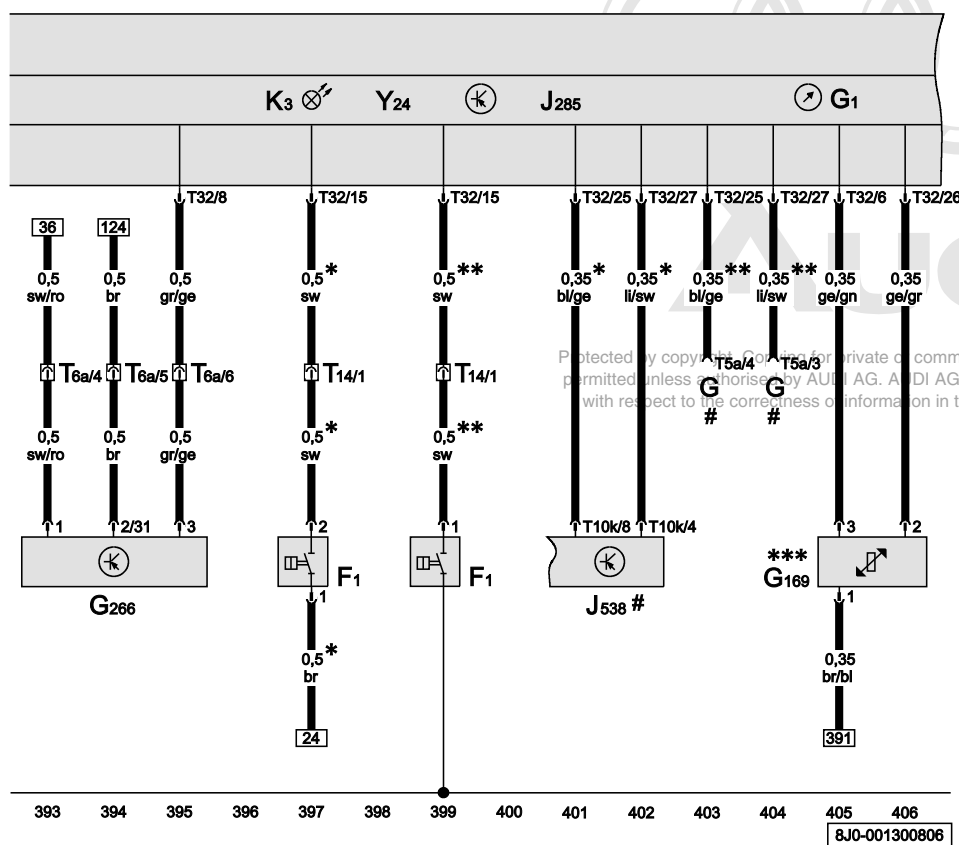
- 410 Earth connection 1 (sender earth), in main wiring harness
- B379 Connection 1 (brake wear indicator), in main wiring harness
- B380 Connection 2 (brake wear indicator), in main wiring harness
- * output sender earth

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Control unit in dash panel insert, oil pressure switch, fuel gauge sender, fuel gauge sender 2, oil level and oil temperature sender, fuel pump control unit

- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- G169 Fuel gauge sender 2
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K3 Oil pressure warning lamp
- T5a 5-pin connector, black, on fuel gauge sender
- T6a 6-pin connector, black, in front left engine compartment
- T10k 10-pin connector, black, on fuel pump control unit
- T14 14-pin connector, black, on front left in engine compartment
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert
- * 2.0 l engine, engine code BWA
- ** 3.2 l engine, engine code BUB
- *** models with four-wheel drive
- # ⇒ Engine Current Flow Diagram



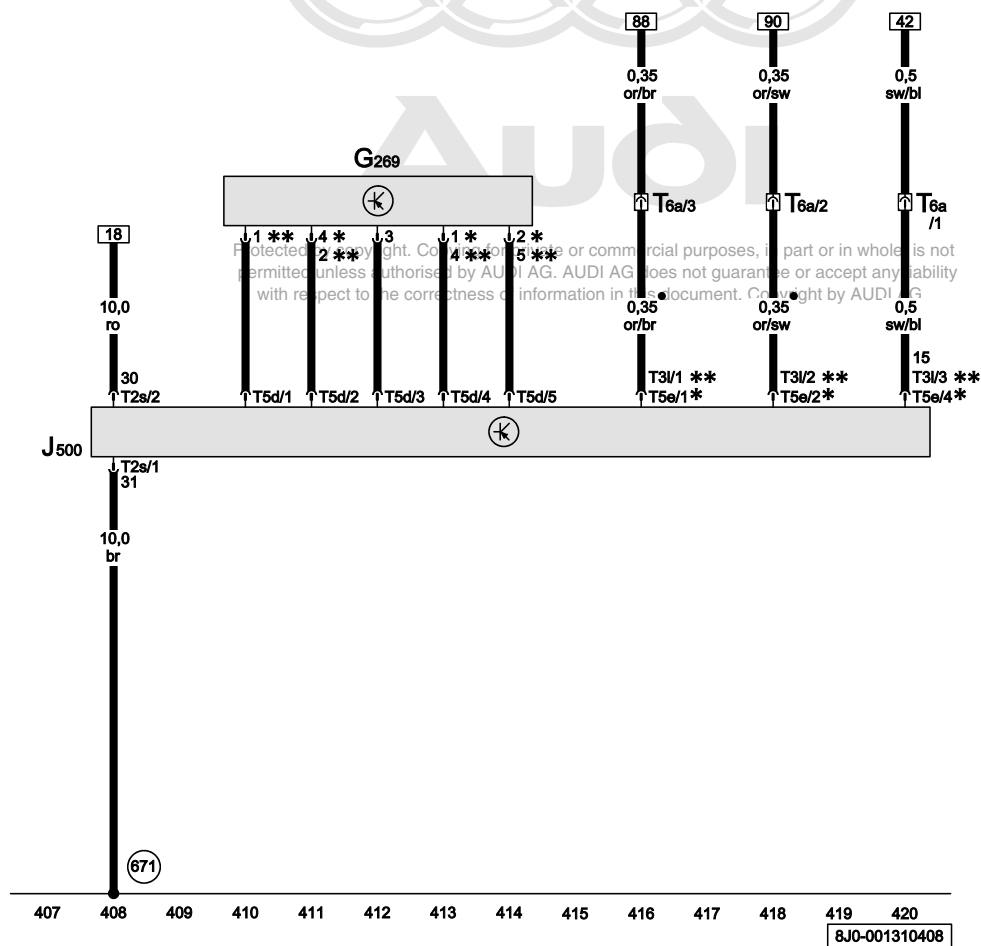
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Power steering control unit, steering moment sender

- G269 Steering moment sender
- J500 Power steering control unit
- T2s 2-pin connector, black, connector A, on power steering control unit
- T3l 3-pin connector, connector C, on power steering control unit
- T5d 5-pin connector, connector B, on power steering control unit
- T5e 5-pin connector, grey, connector C, on power steering control unit
- T6a 6-pin connector, black, in front left engine compartment

671 Earth point 1, on front of left longitudinal member

- CAN bus (data wire)
- * up to May 2008
- ** from June 2008



2.0 I - Fuel injection engine (147 kW - FSI - 4 cylinder), engine code BWA

from model year 2007

2.0 I - Fuel injection engine (147 kW - FSI - 4 cylinder), engine code BPY

2.0 I - Fuel injection engine (199 kW - 4 cylinder), engine code CDLB

2.0 I - Fuel injection engine (195 kW - 4 cylinder), engine code CDMA

2.0 I - Fuel injection engine (195 kW - 4 cylinder), engine code CDMA

2.0 I - Fuel injection engine (199 kW - 4 cylinder), engine code CDLB

from model year 2007

Notes:

For information concerning

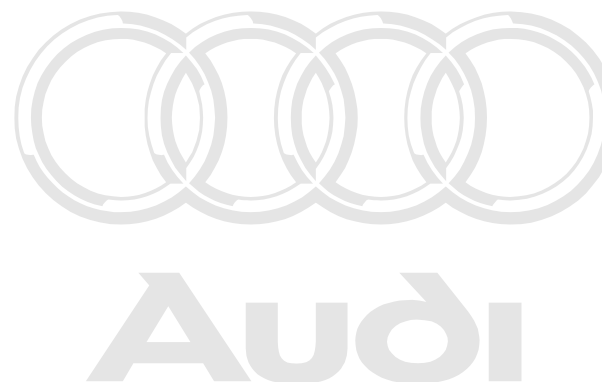
- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

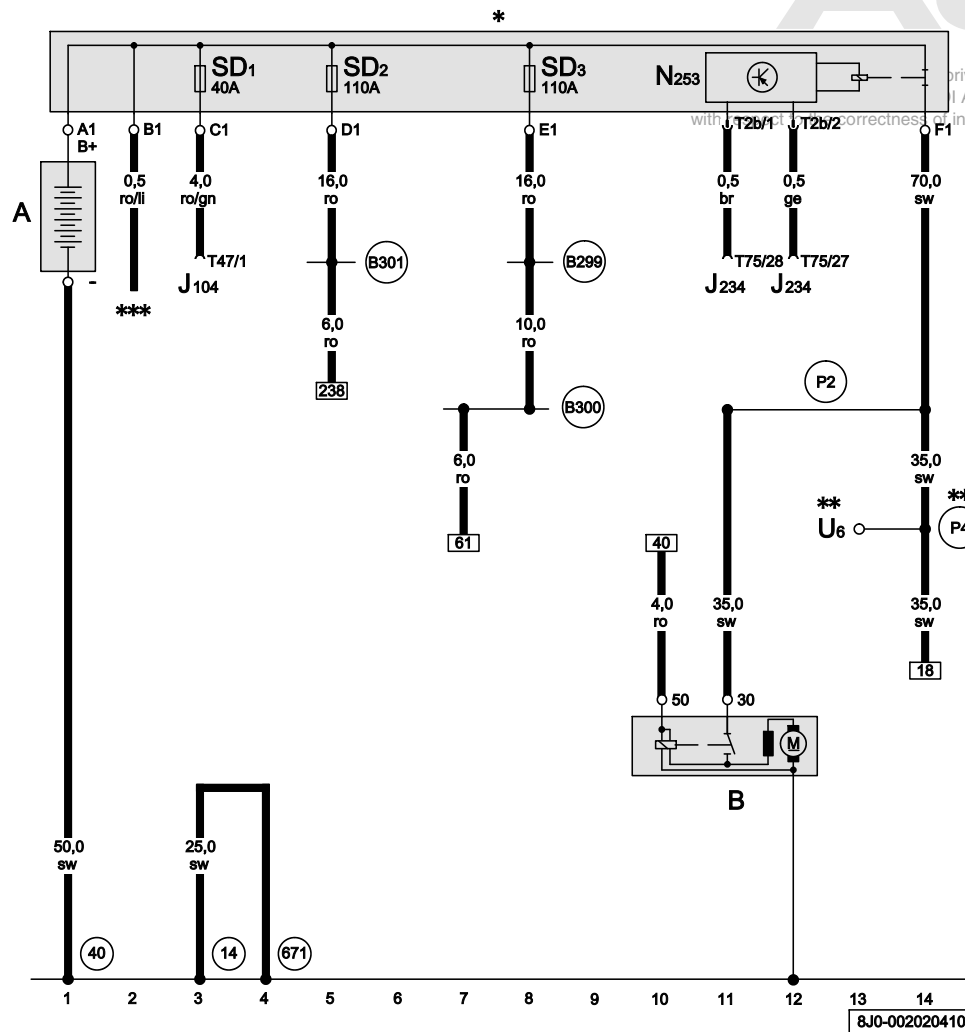
⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2b 2-pin connector, purple, on battery isolation igniter
- T47 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- U6 Slave start socket



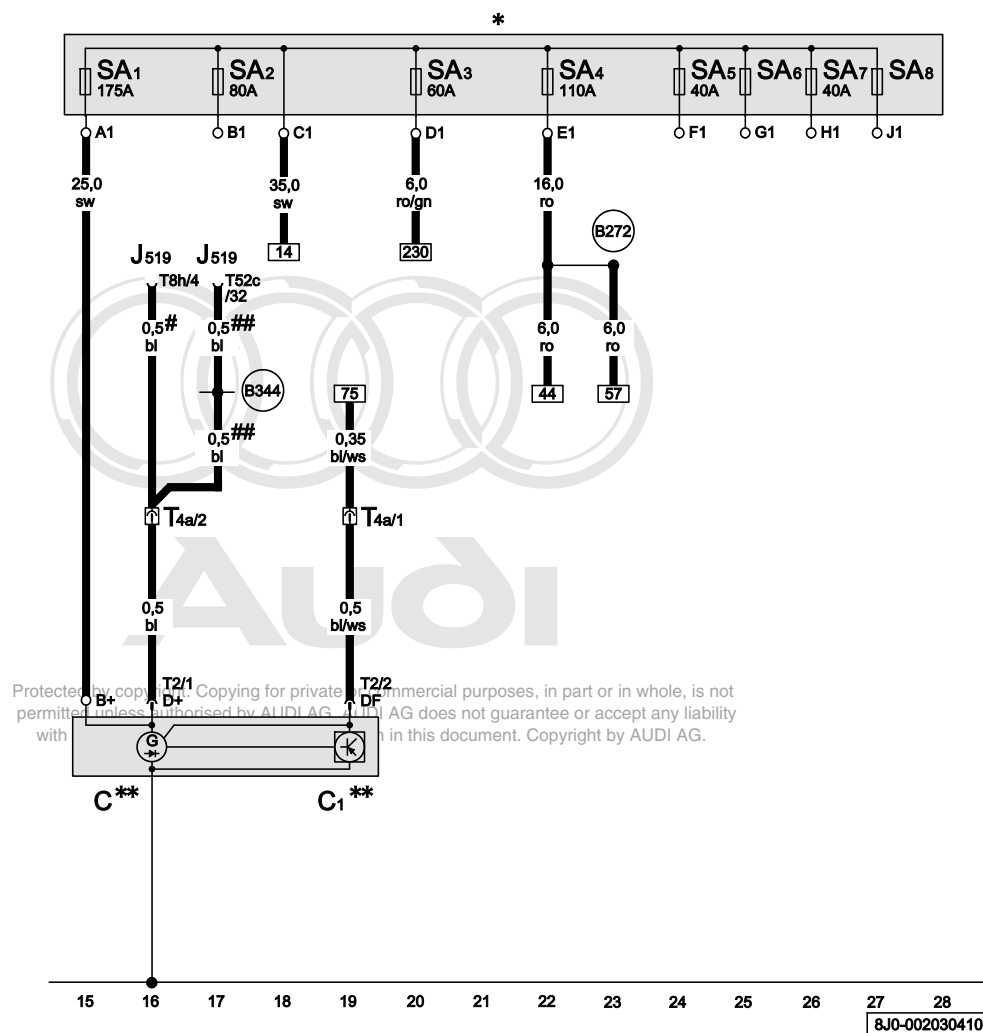
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

- 14 Earth point, on gearbox
- 40 Earth point, under rear right seat
- 671 Earth point 1, on front of left longitudinal member
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30), in battery wiring harness

- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket
- *** => applicable recuperation Current Flow Diagram

Alternator, main fuse holder, electronics box, in engine compartment

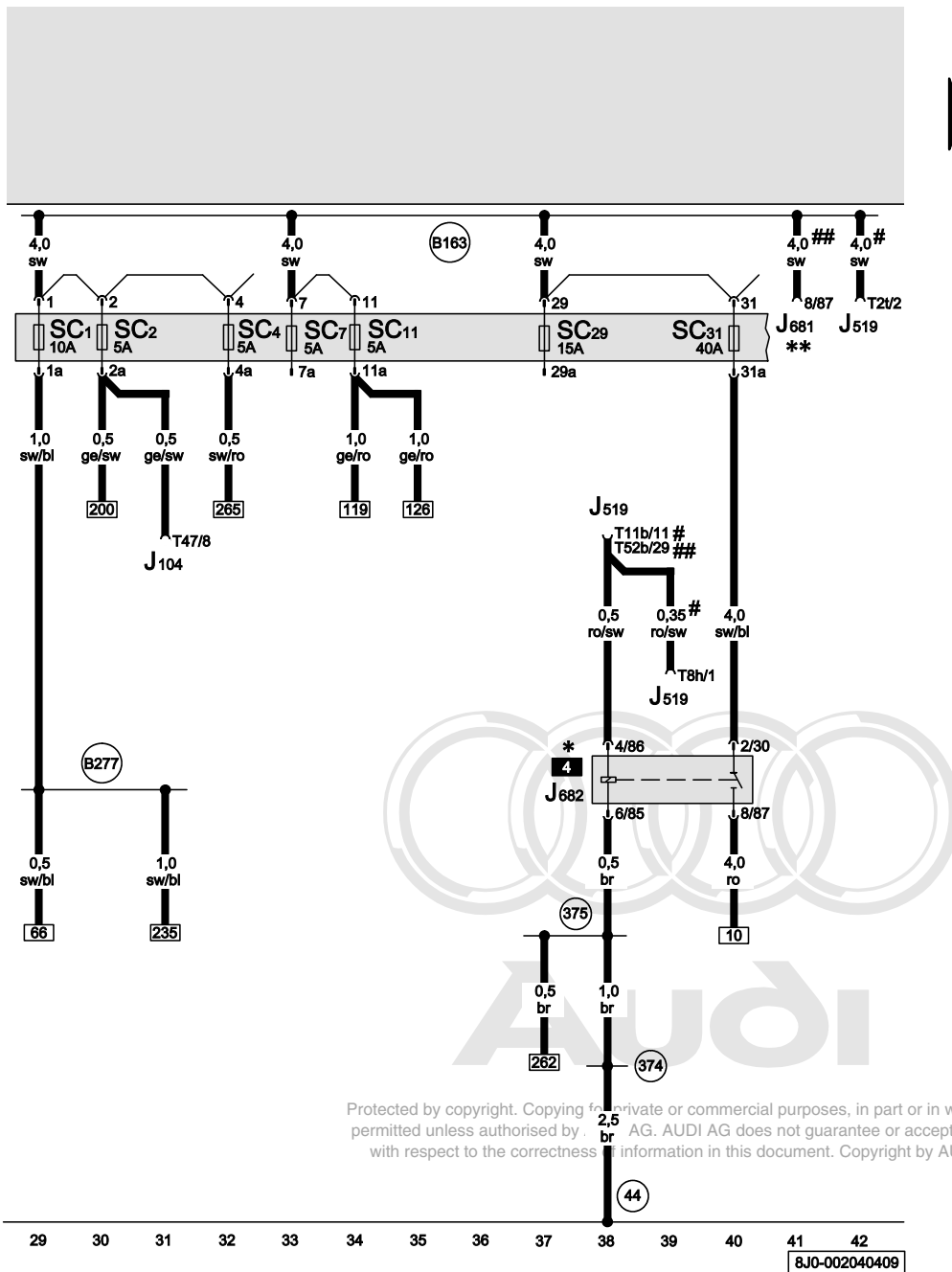
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B272 Positive connection (30), in main wiring harness
- B344 Connection 1 (61), in main wiring harness
- * Main fuse holder, electronics box, in front left engine compartment
- ** from June 2010 ⇒ applicable recuperation Current Flow Diagram
- # up to May 2009
- ## from June 2009



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

Terminal 50 voltage supply relay, fuses

- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- (44) Earth point, lower part of left A-pillar
- (374) Earth connection 9, in main wiring harness
- (375) Earth connection 10, in main wiring harness
- (B163) Positive connection 1 (15), in interior wiring harness
- (B277) Positive connection 1 (15a), in main wiring harness
- * Relay carrier under left dash panel
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009



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

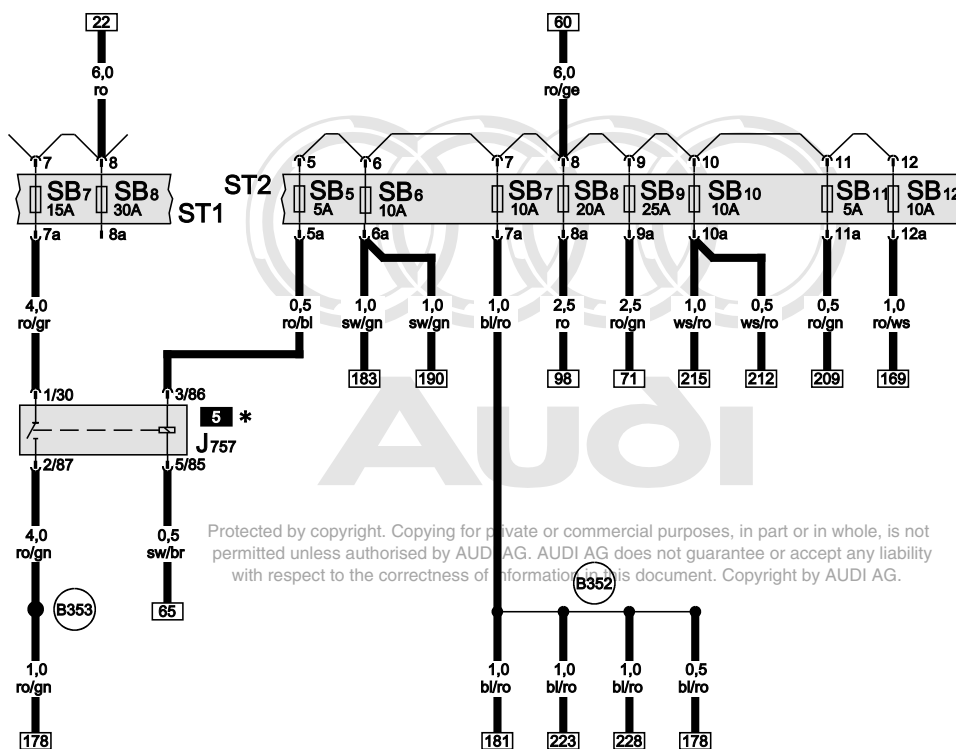
Engine component current supply relay, fuses

- J757 Engine component current supply relay
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B

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

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

* Relay and fuse carrier in electronics box engine compartment



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 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, Motronic current supply relay, suppression filter

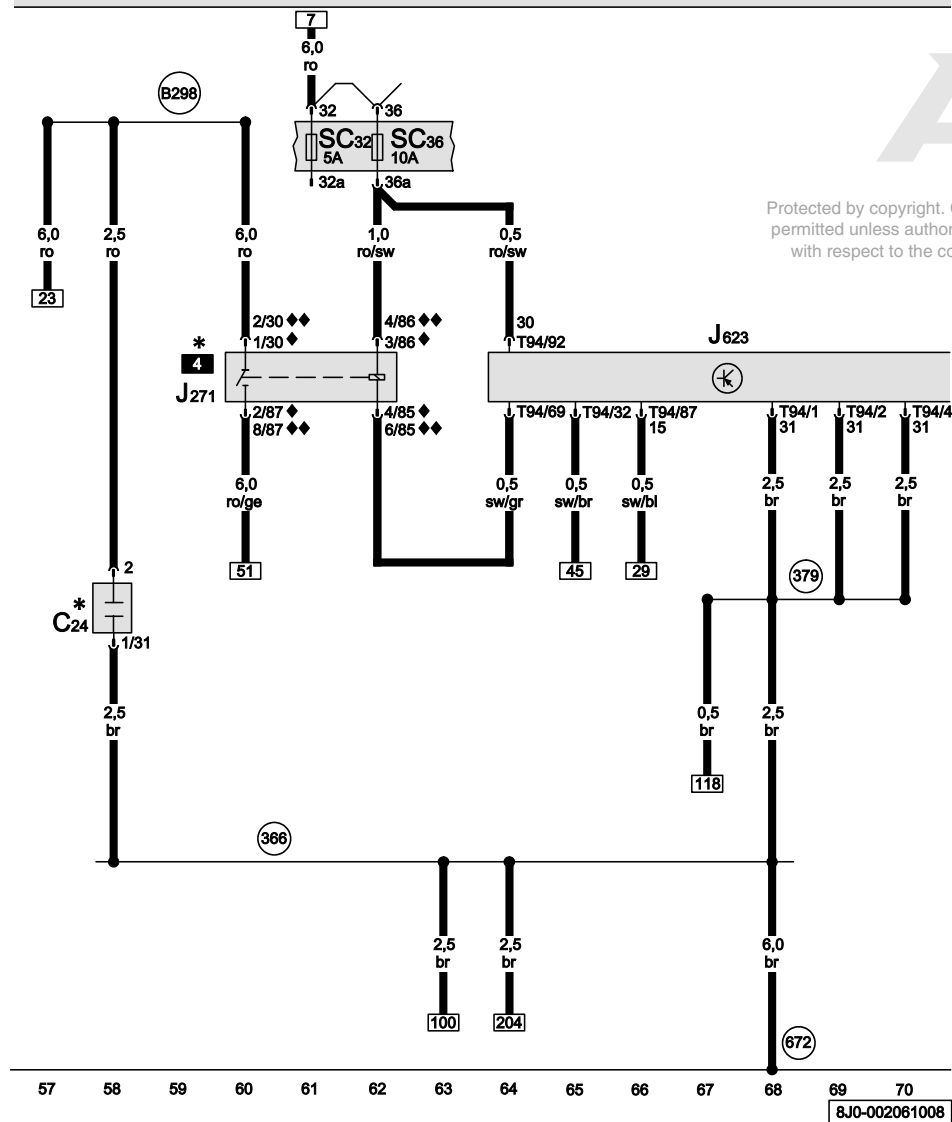
- C24 Suppression filter
- J271 Motronic current supply relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector, on engine control unit

- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member

B298 Positive connection 2 (30), in main wiring harness

- * Relay and fuse carrier in electronics box engine compartment
- ◆ up to May 2008
- ◆◆ from June 2008

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document.



Engine control unit

- E45 Cruise control system switch
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T16 16-pin connector, diagnostic connector
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T94 94-pin connector, on engine control unit

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

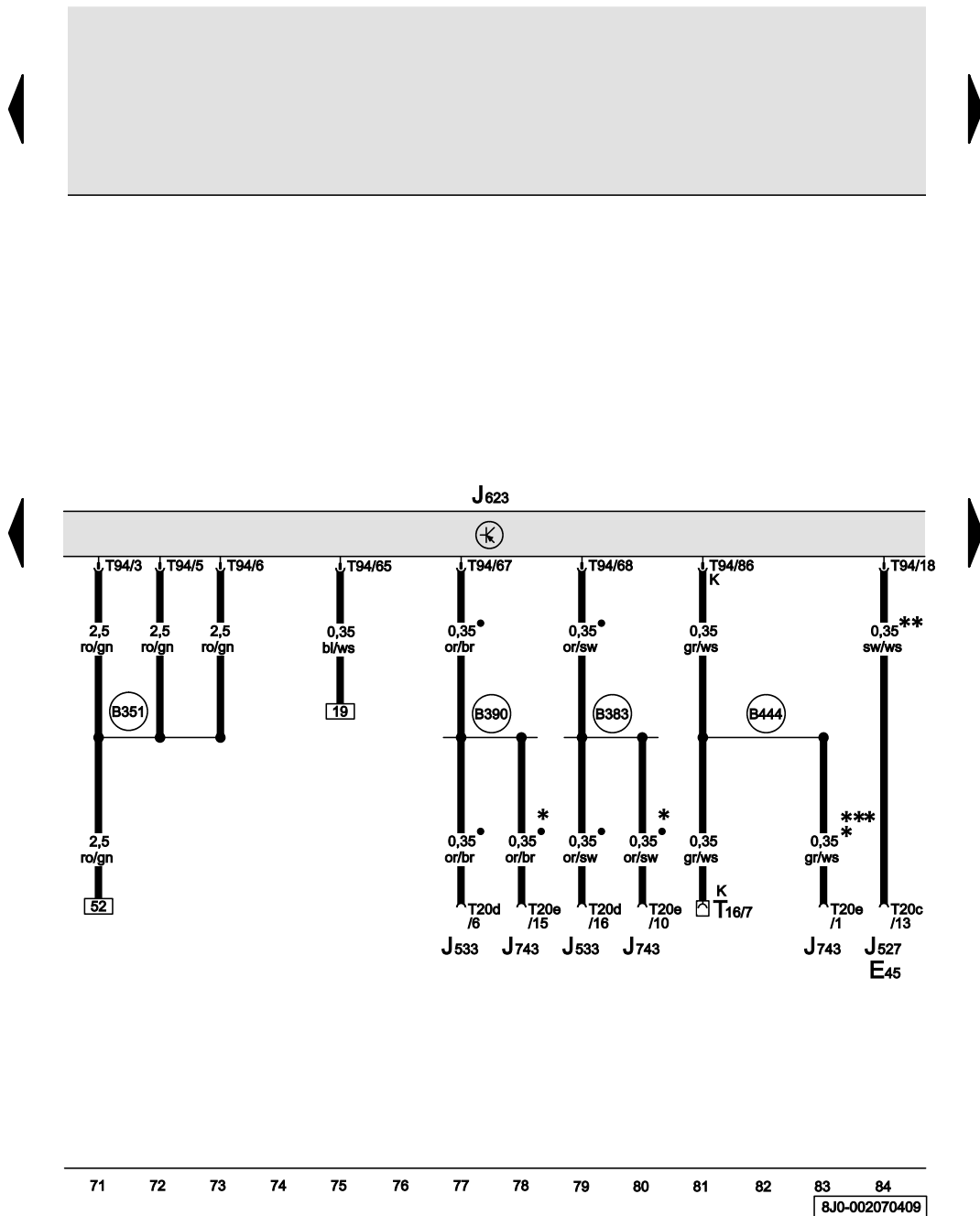
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information.

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

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

(B444) Connection 1 (diagnosis), in main wiring harness

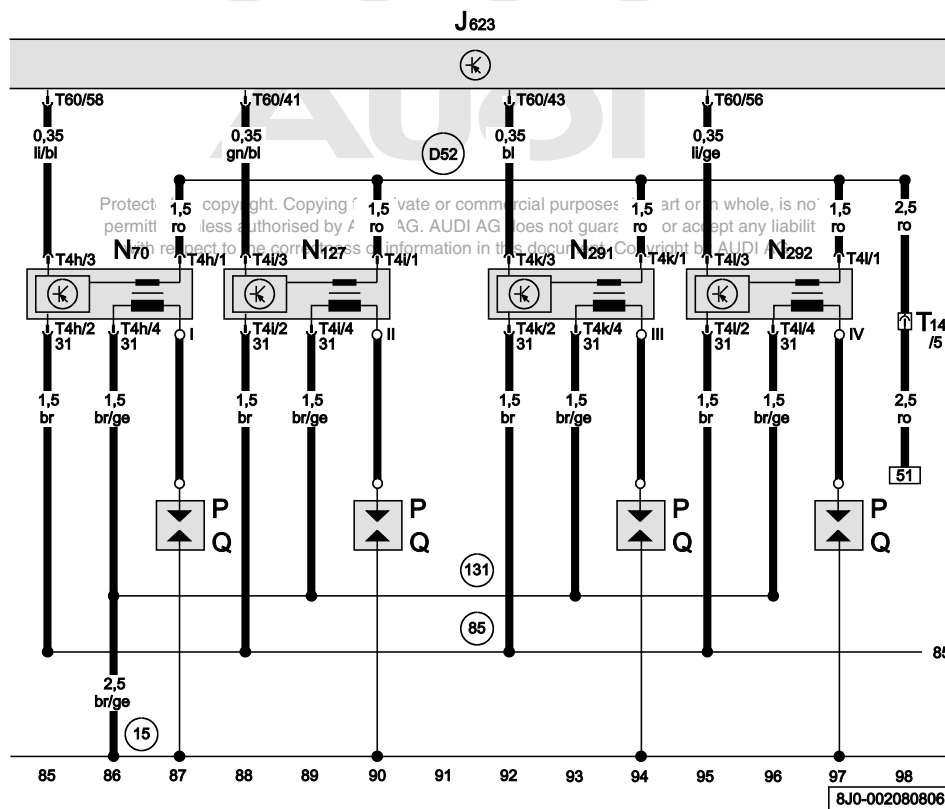
- CAN bus (data wire)
- * models with direct shift gearbox 02E
- ** models with cruise control system
- *** Is dropped from June 2008



Engine control unit, ignition coil 1 up to 4 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4h 4-pin connector, black, on ignition coil 1 with output stage
- T4i 4-pin connector, black, on ignition coil 2 with output stage
- T4k 4-pin connector, black, on ignition coil 3 with output stage
- T4l 4-pin connector, black, on ignition coil 4 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit

- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

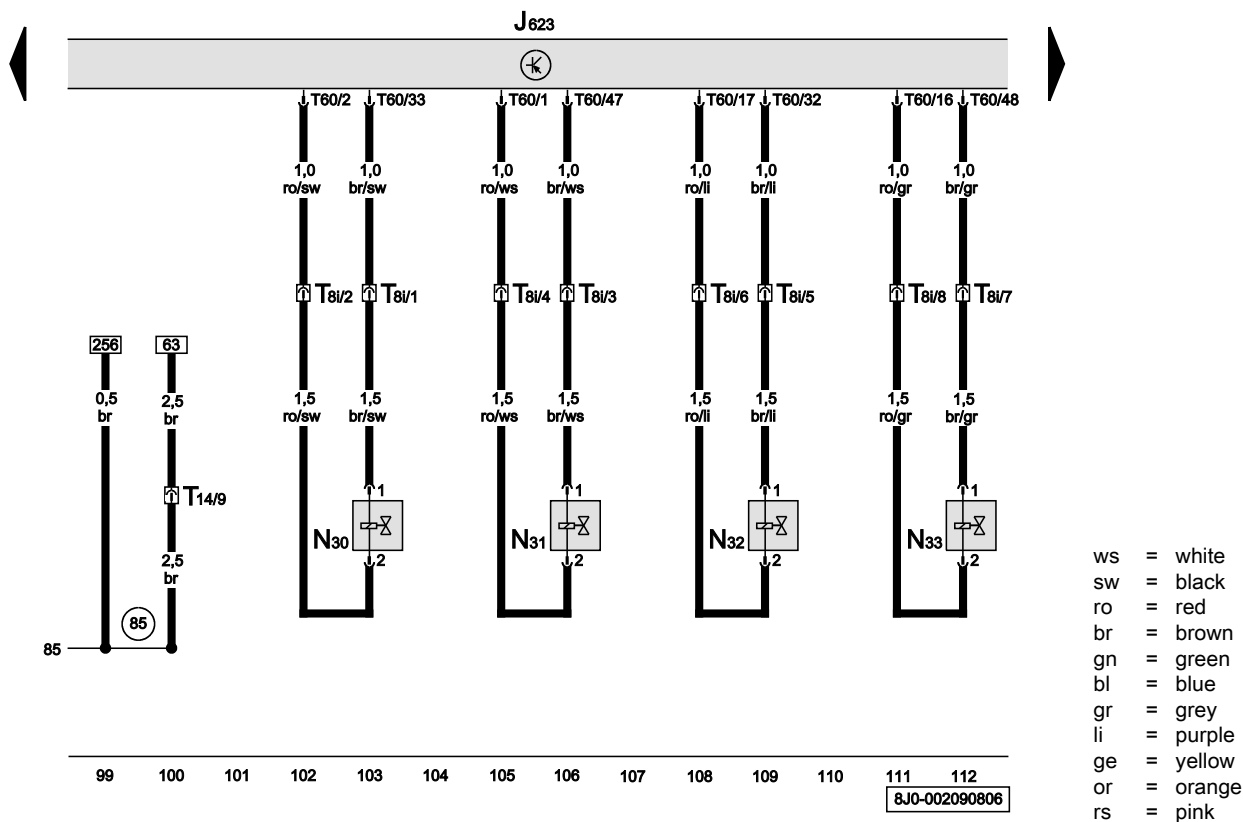


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, injector cylinder 1 up to 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T8i 8-pin connector, black, near injectors
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit

- 85 Earth connection 1, in engine compartment wiring harness

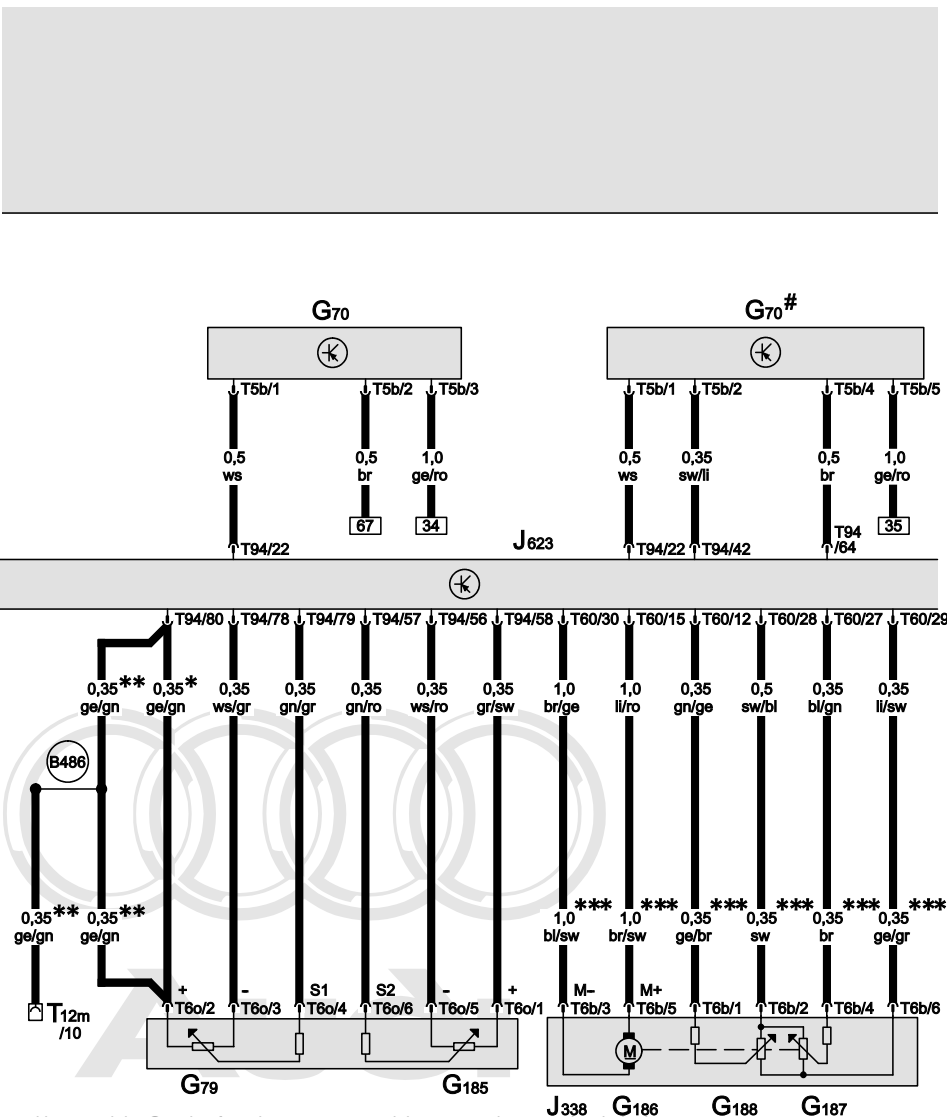


Engine control unit, throttle valve module, air mass meter, accelerator position sender

- G70 Air mass meter
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- 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
- T5b 5-pin connector, black, on air mass meter
- T6b 6-pin connector, black, on throttle valve module
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

B486 Connection 22 in main wiring harness

- * up to May 2007
- ** from June 2007
- *** phased-in modification
- # only 2.0 l engine, engine code CDMA, CDLB



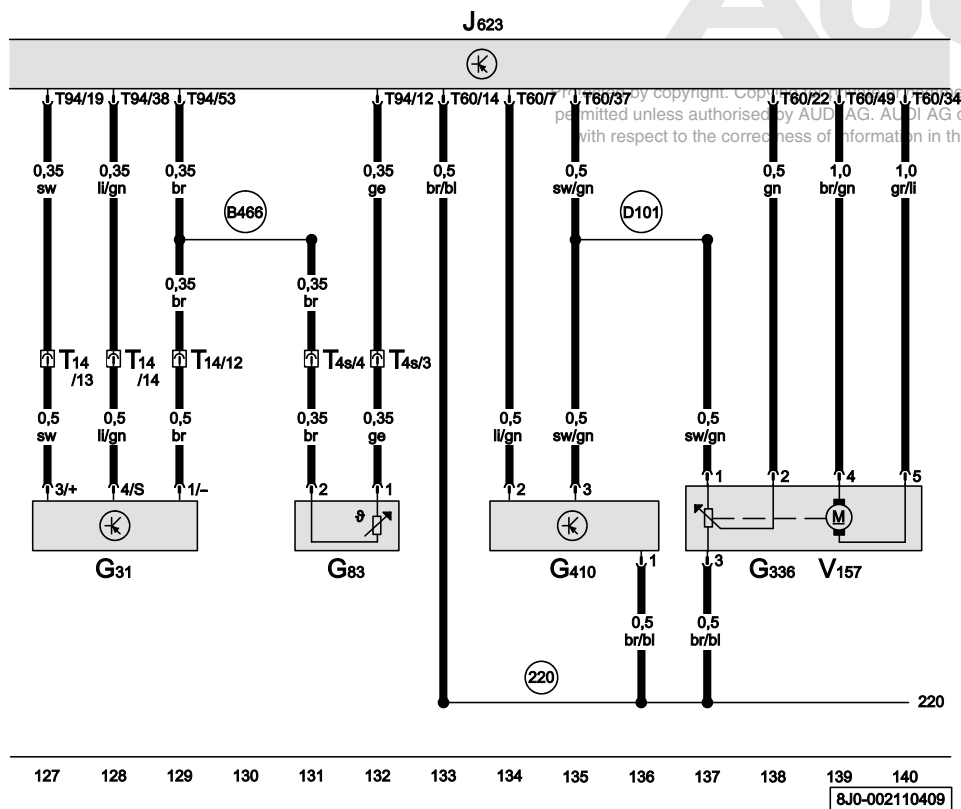
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 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 air pressure sender, radiator outlet coolant temperature sender, fuel pressure sender for low pressure, intake manifold flap potentiometer, intake manifold flap motor

- G31 Charge air pressure sender
- G83 Radiator outlet coolant temperature sender
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- T4s 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- V157 Intake manifold flap motor

- (220) Earth connection (sender earth), in engine wiring harness
- (B466) Connection 2, in main wiring harness
- (D101) Connection 1, in engine compartment wiring harness



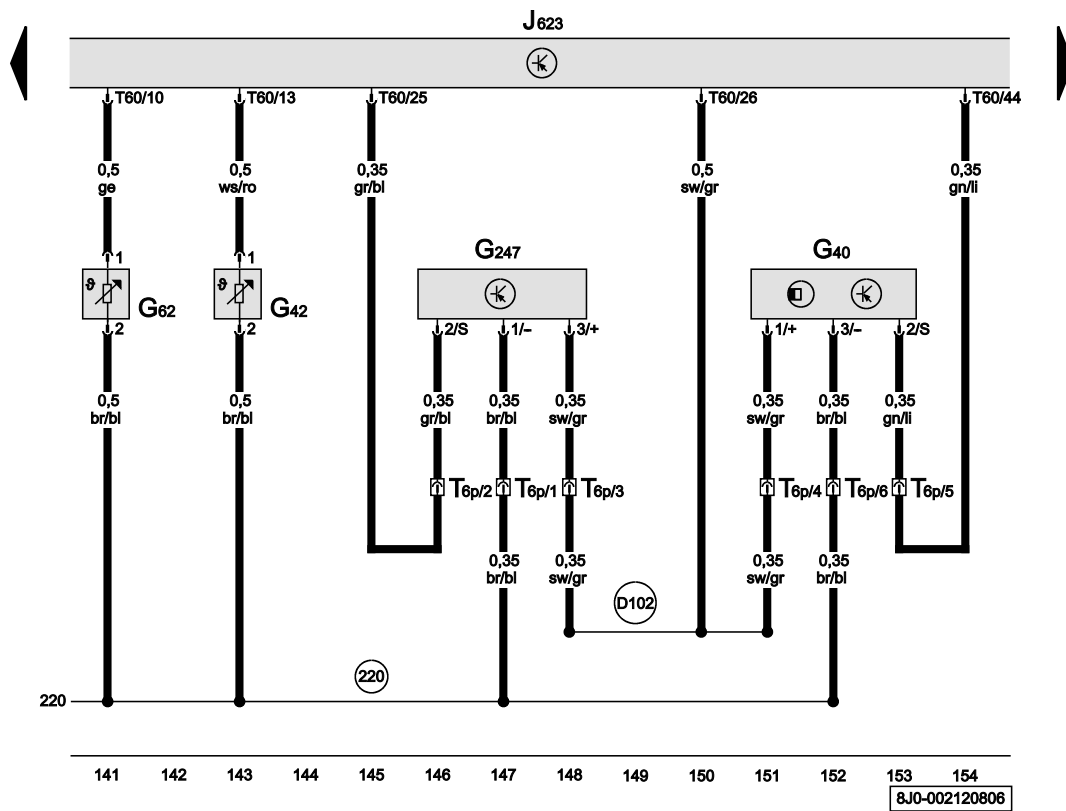
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, intake air temperature sender, coolant temperature sender, fuel pressure sender, Hall sender

- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G247 Fuel pressure sender
- J623 Engine control unit
- T6p 6-pin connector, black, on front of engine
- T60 60-pin connector, on engine control unit

220 Earth connection (sender earth), in engine wiring harness

D102 Connection 2, in engine compartment wiring harness

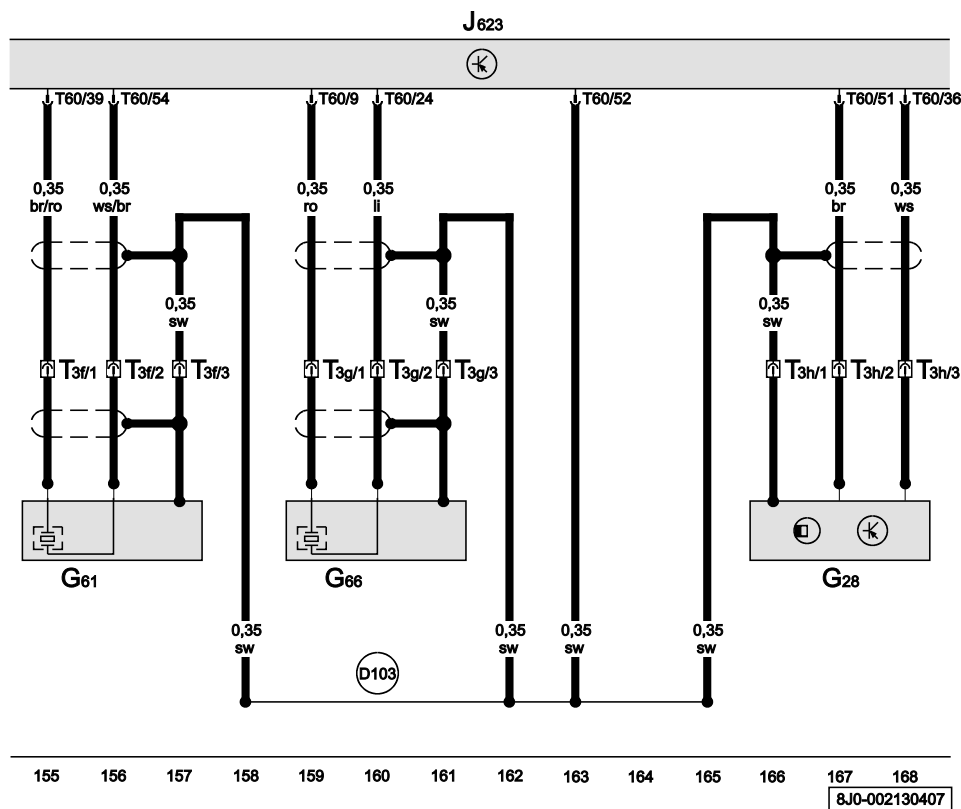


- ws = white
- sw = black
- rs = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, engine speed sender, knock sensor

- G28 Engine speed sender
- G61 Knock sensor 1
- G66 Knock sensor 2
- J623 Engine control unit
- T3f 3-pin connector, green, on knock sensor 1
- T3g 3-pin connector, brown, on knock sensor 2
- T3h 3-pin connector, grey, on Hall sender 2
- T60 60-pin connector, on engine control unit
- D103 Connection 3, in engine compartment wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

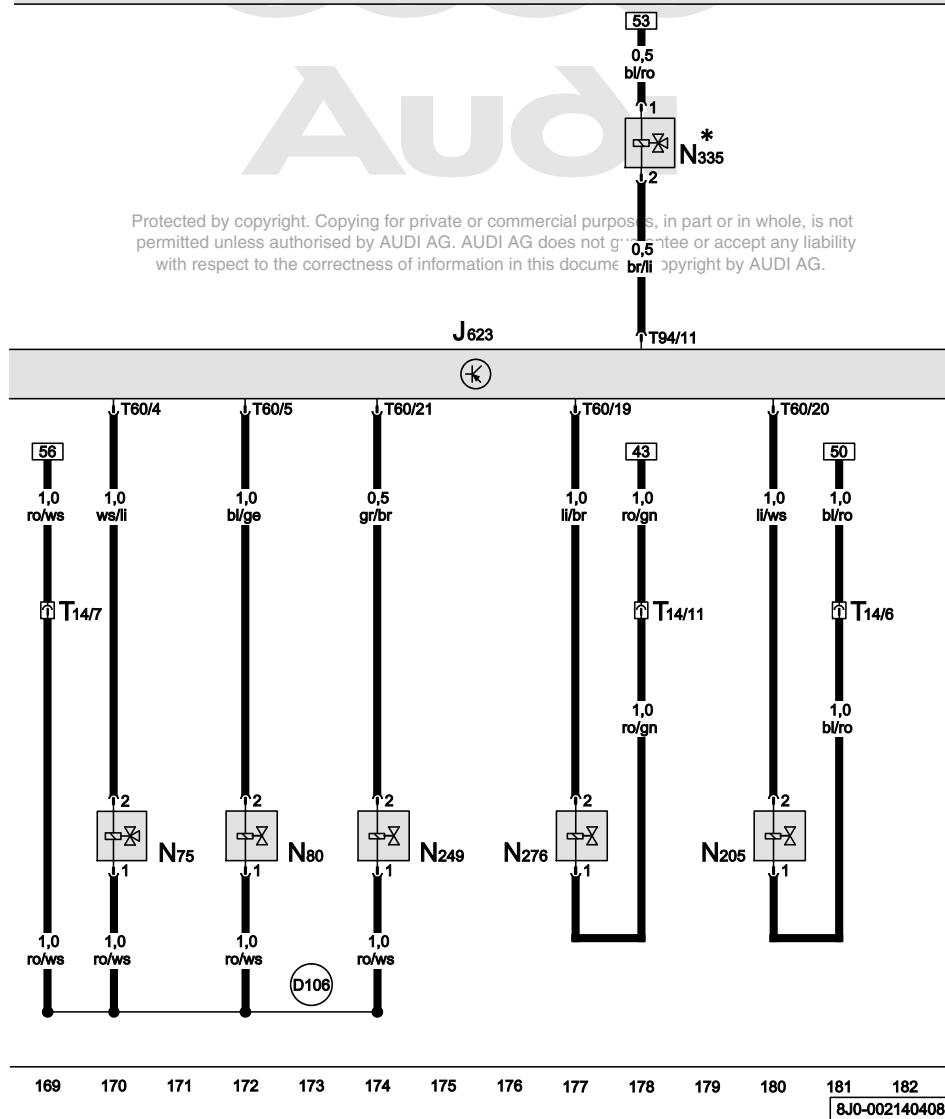
Engine control unit, activated charcoal filter solenoid valve 1, inlet camshaft control valve 1, turbocharger air recirculation valve, fuel pressure regulating valve, charge pressure control solenoid valve

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter system solenoid valve 1
- N205 Inlet camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N335 Variable intake manifold change-over valve
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

D106 Connection 4, in engine compartment wiring harness

* only 2.0 l engine, engine code CDMA, CDLB

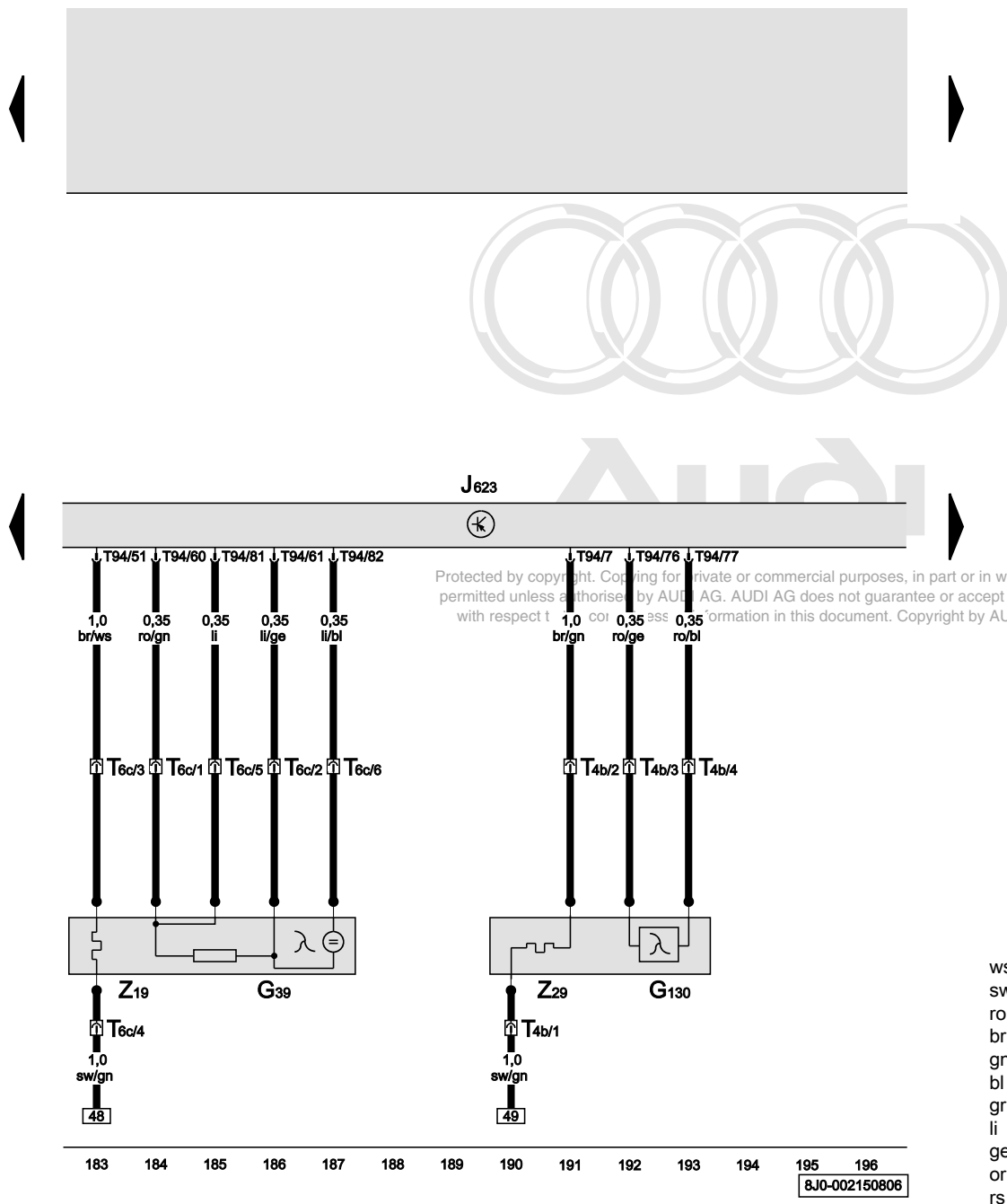
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, lambda probe, lambda probe heater after catalytic converter, lambda probe heater, lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4b 4-pin connector, black, on Lambda probe after catalytic converter
- T6c 6-pin connector, black, on Lambda probe
- T94 94-pin connector, on engine control unit
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter



Engine control unit, brake light switch, brake pedal switch, clutch position sender

- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T5h 5-pin connector, black, on clutch position sender
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- T94 94-pin connector, on engine control unit

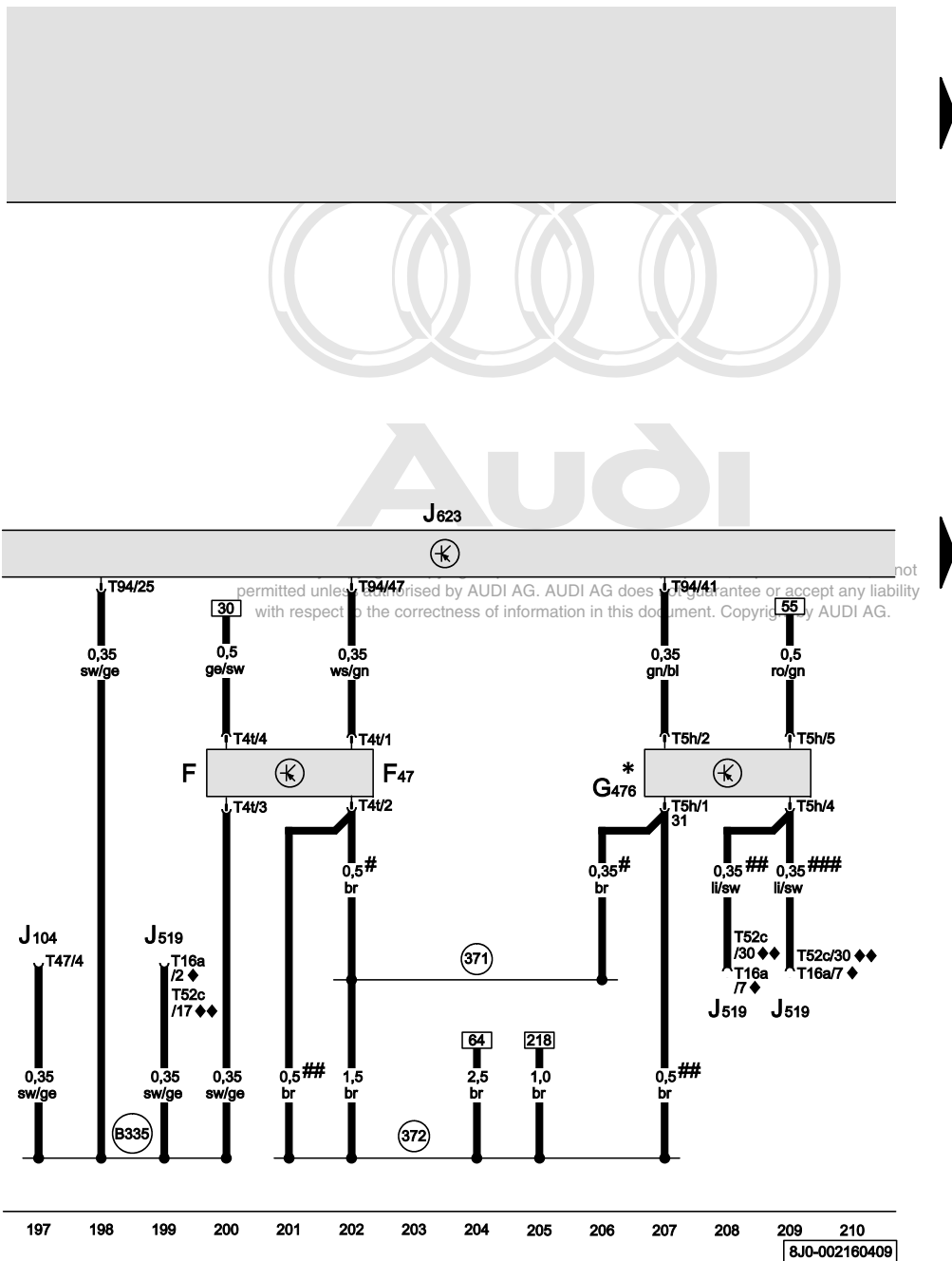
371 Earth connection 6, in main wiring harness

372 Earth connection 7, in main wiring harness

B335 Connection 1 (54), in main wiring harness

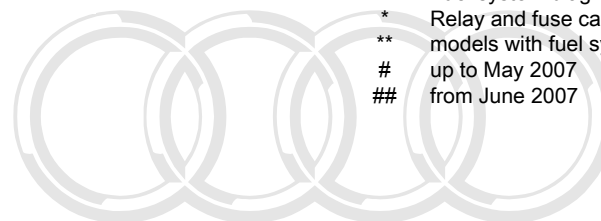
- * models with manual gearbox
- # up to May 2007
- ## from June 2007
- ### up to May 2007, only USA
- ◆ up to May 2009
- ◆◆ from June 2009

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

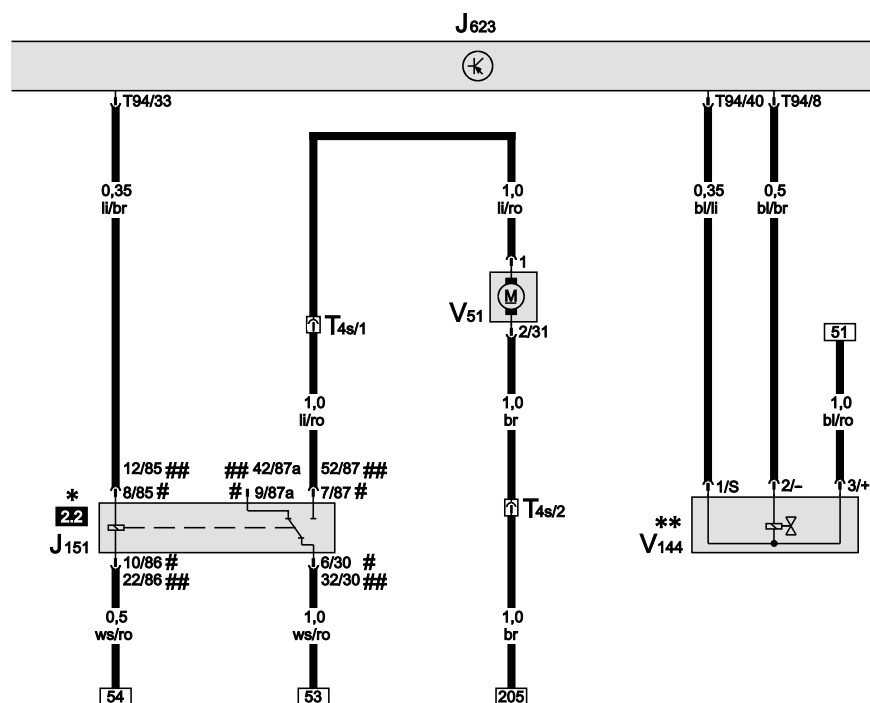


Engine control unit, continued coolant circulation relay, continued coolant circulation pump, fuel system diagnostic pump

- J151 Continued coolant circulation relay
- J623 Engine control unit
- T4s 4-pin connector, black, in front left engine compartment
- T94 94-pin connector, on engine control unit
- V51 Continued coolant circulation pump
- V144 Fuel system diagnostic pump
- * Relay and fuse carrier in electronics box engine compartment
- ** models with fuel system diagnostic pump
- # up to May 2007
- ## from June 2007



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

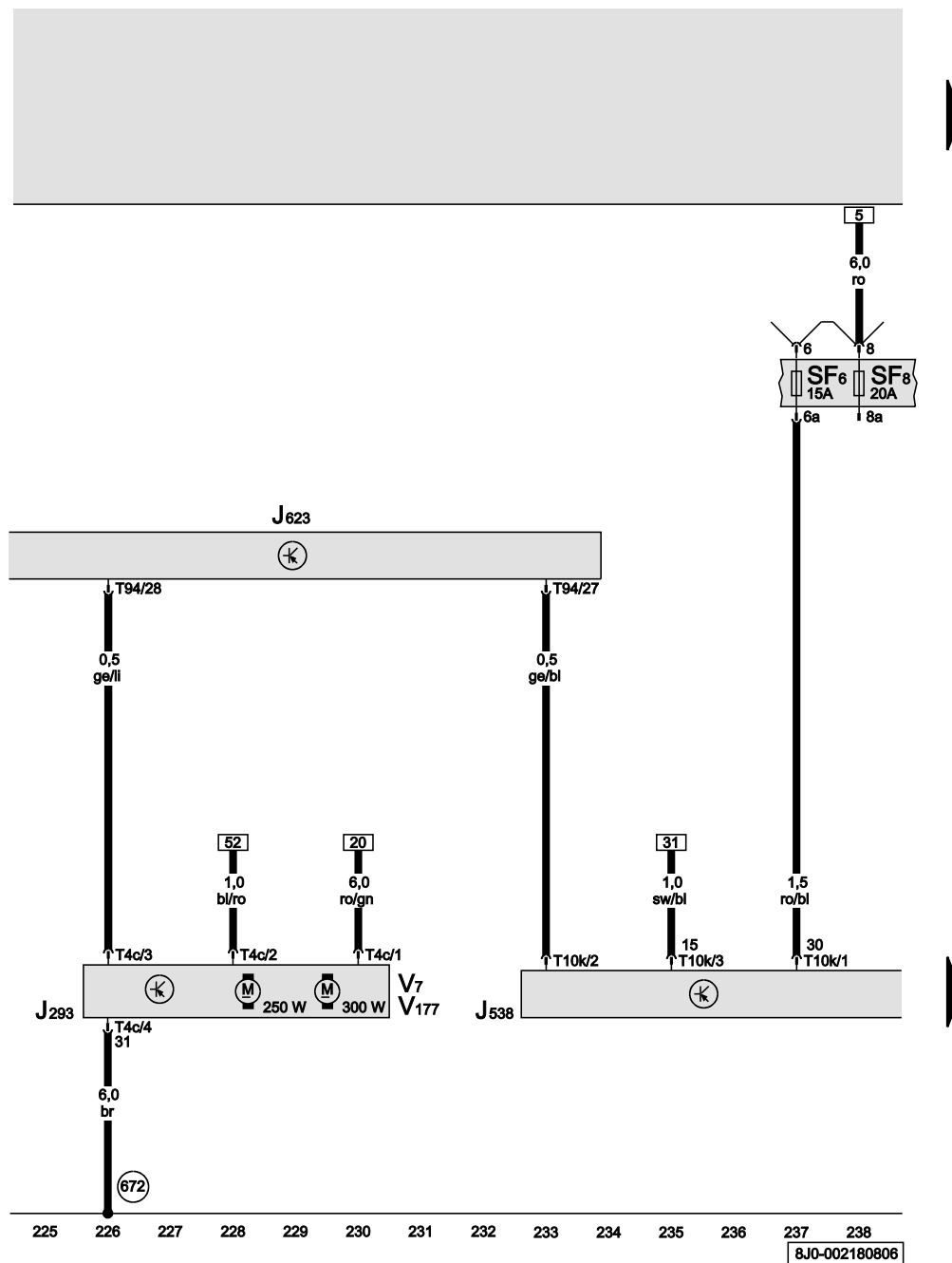
Engine control unit, fuel pump control unit, radiator fan control unit, radiator fan

- J293 Radiator fan control unit
- J538 Fuel pump control unit
- J623 Engine control unit
- SF6 Fuse 6 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T4c 4-pin connector, black, on radiator fan control unit
- T10k 10-pin connector, black, on fuel pump control unit
- T94 94-pin connector, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

672 Earth point 2, on front of left longitudinal member



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Control unit in dash panel insert, fuel pump control unit, fuel gauge sender, fuel system pressurisation pump

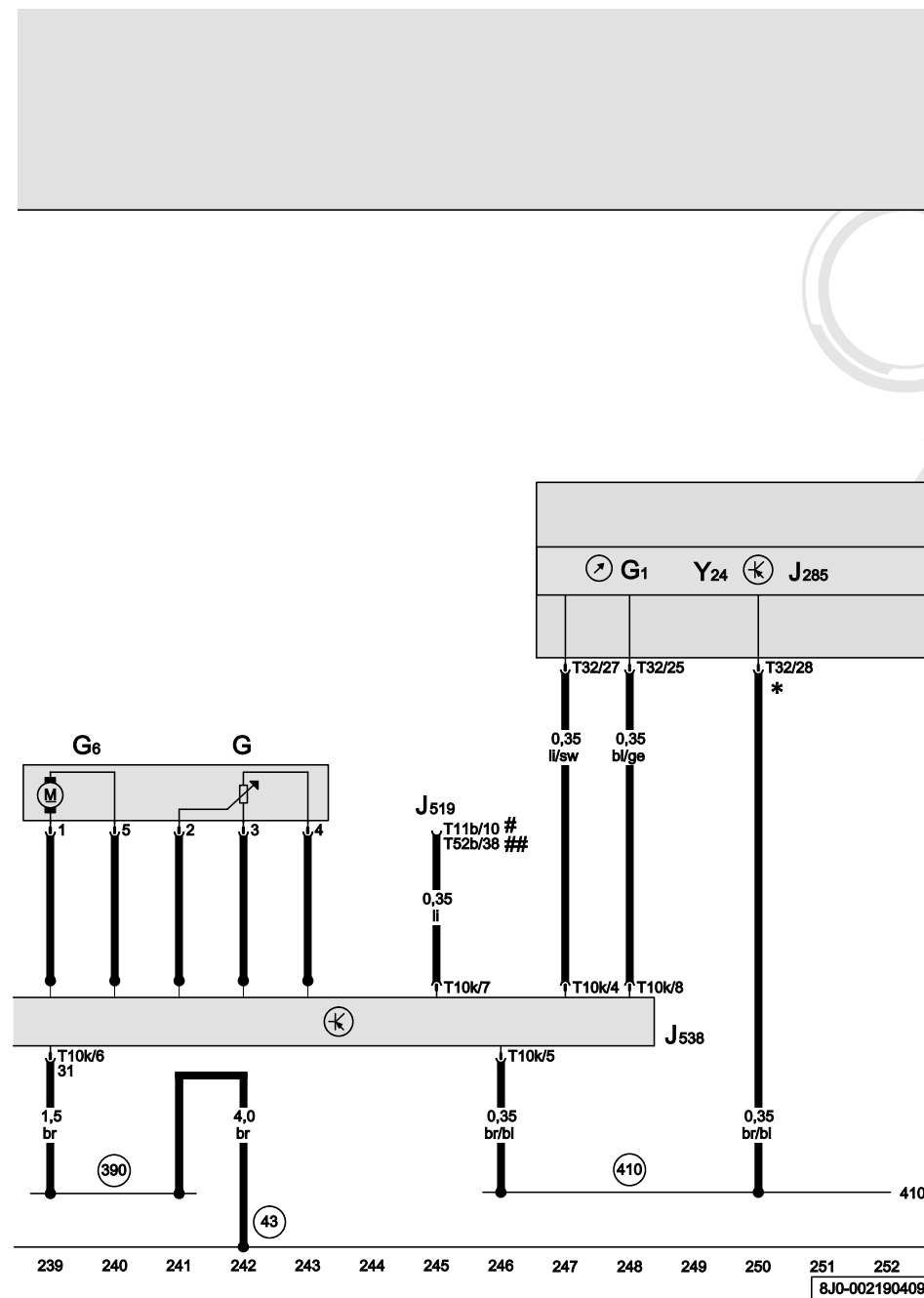
- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- T10k 10-pin connector, black, on fuel pump control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T32 32-pin connector, blue, on control unit in dash panel insert
- T52b 52-pin connector, yellow, on onboard supply control unit
- Y24 Display in dash panel insert

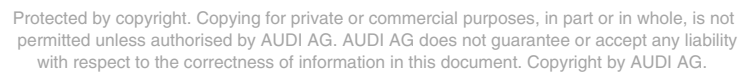
- 43 Earth point, lower part of right A-pillar
- 390 Earth connection 25, in main wiring harness
- 410 Earth connection 1 (sender earth), in main wiring harness

* output sender earth
up to May 2009
from June 2009

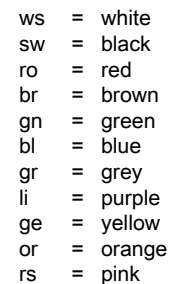
Copyright for private or commercial purposes, in part or in whole, is not authorised by AUDI AG. AUDI AG does not guarantee or accept any liability for the correctness of information in this document. Copyright by AUDI AG.

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





Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- CAN bus (data wire)

3.2 I - Fuel injection engine (184 kW - 6 cylinder), engine code BUB

from model year 2007

3.2 I - Fuel injection engine (184 kW - 6 cylinder), engine code CBRA

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

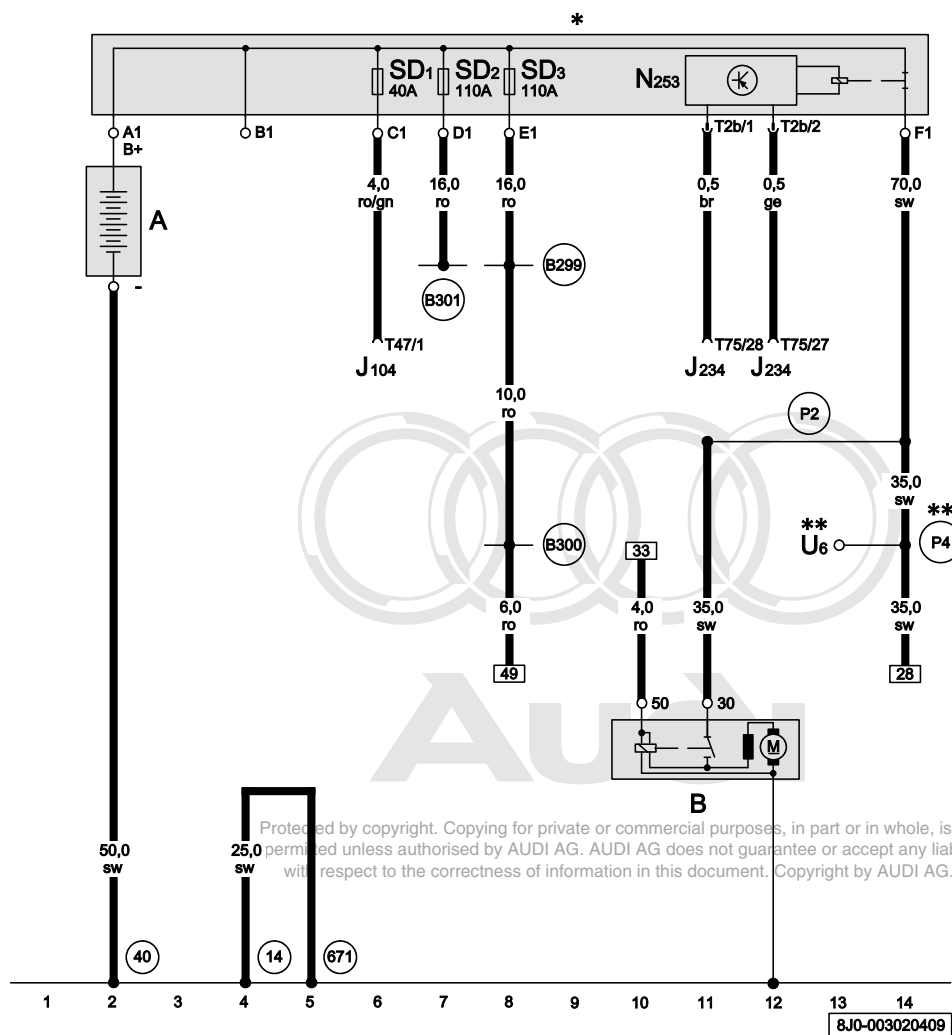


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2b 2-pin connector, purple, on battery isolation igniter
- T47 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- U6 Slave start socket

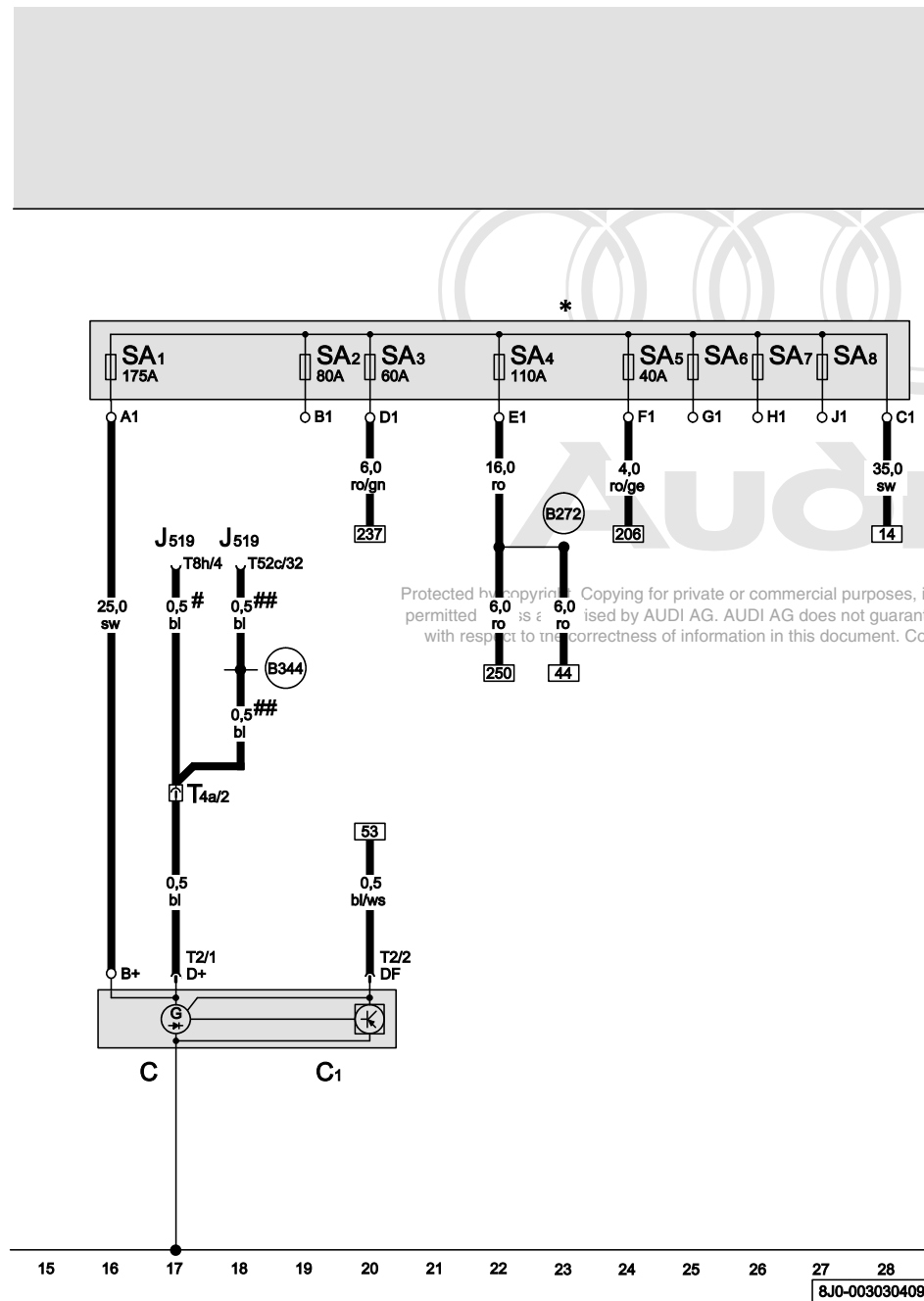
- 14 Earth point, on gearbox
- 40 Earth point, under rear right seat
- 671 Earth point 1, on front of left longitudinal member
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30), in battery wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket

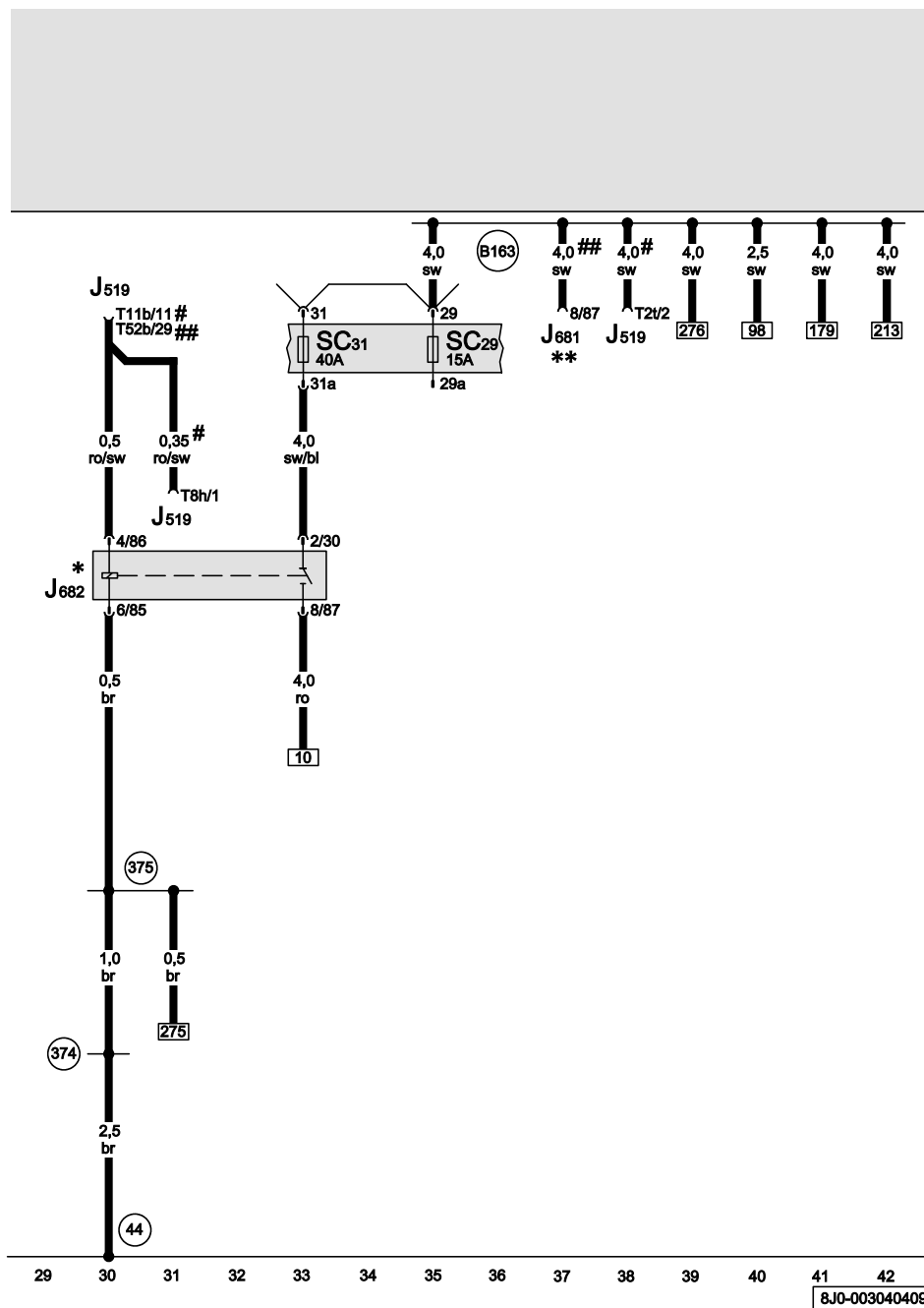


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Alternator, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, on front left in engine compartment
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B272 Positive connection (30), in main wiring harness
- B344 Connection 1 (61), in main wiring harness
- * Main fuse holder, electronics box, in front left engine compartment
- # up to May 2009
- ## from June 2009





Terminal 50 voltage supply relay, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit

44 Earth point, lower part of left A-pillar

374 Earth connection 9, in main wiring harness

375 Earth connection 10, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability for errors or omissions in this publication.

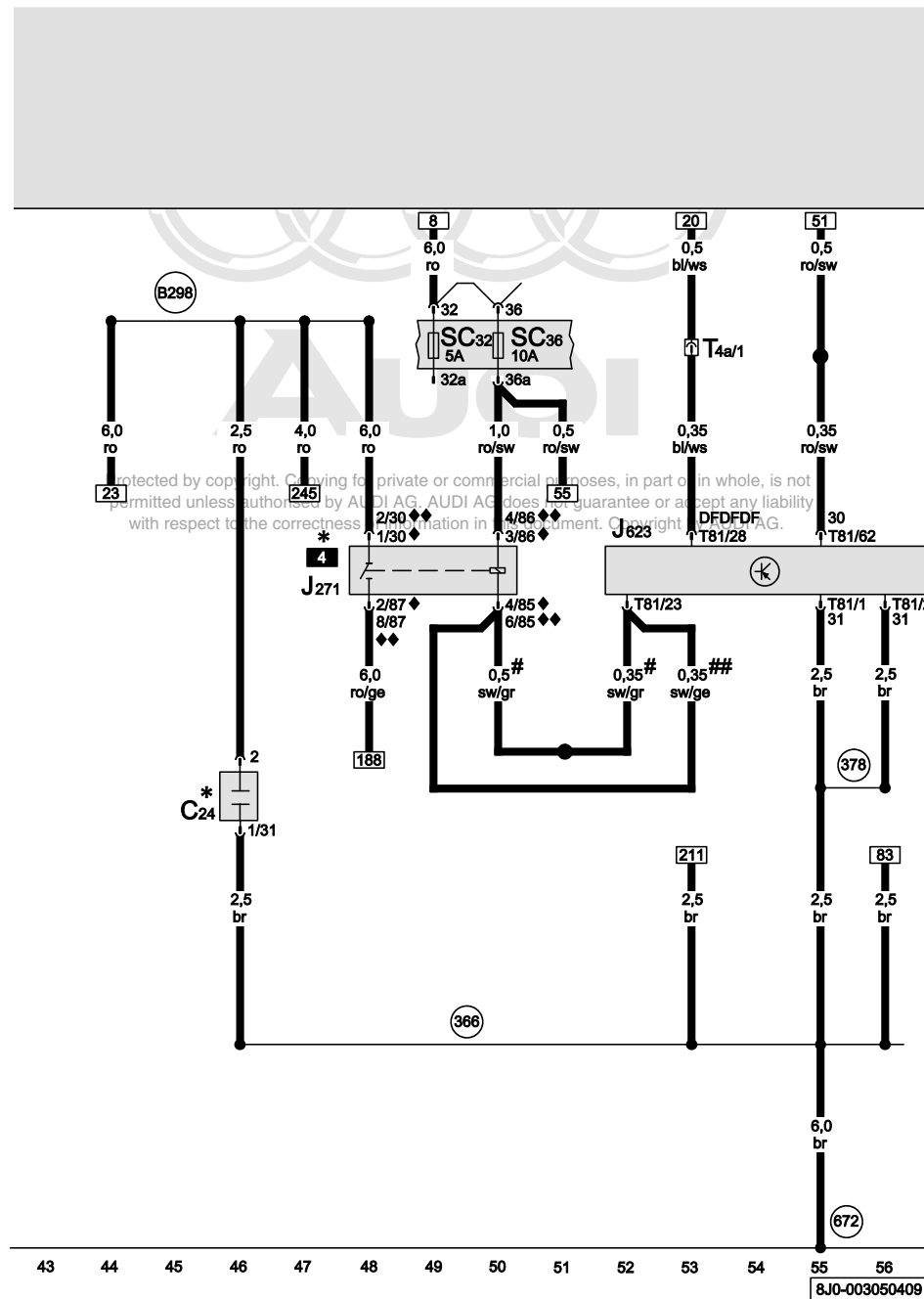
B163 Positive connection 1 (15), in interior wiring harness

- * Relay carrier under left dash panel
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009

- 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, Motronic current supply relay, suppression filter

- C24 Suppression filter
 J271 Motronic current supply relay
 J623 Engine control unit
 SC32 Fuse 32 on fuse holder C
 SC36 Fuse 36 on fuse holder C
 T4a 4-pin connector, black, on front left in engine compartment
 T81 81-pin connector, black, on engine control unit
- 366 Earth connection 1, in main wiring harness
 378 Earth connection 13, in main wiring harness
 672 Earth point 2, on front of left longitudinal member
 B298 Positive connection 2 (30), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment
 ◆ up to May 2008
 ◆◆ from June 2008
 # up to May 2009
 ## from June 2009

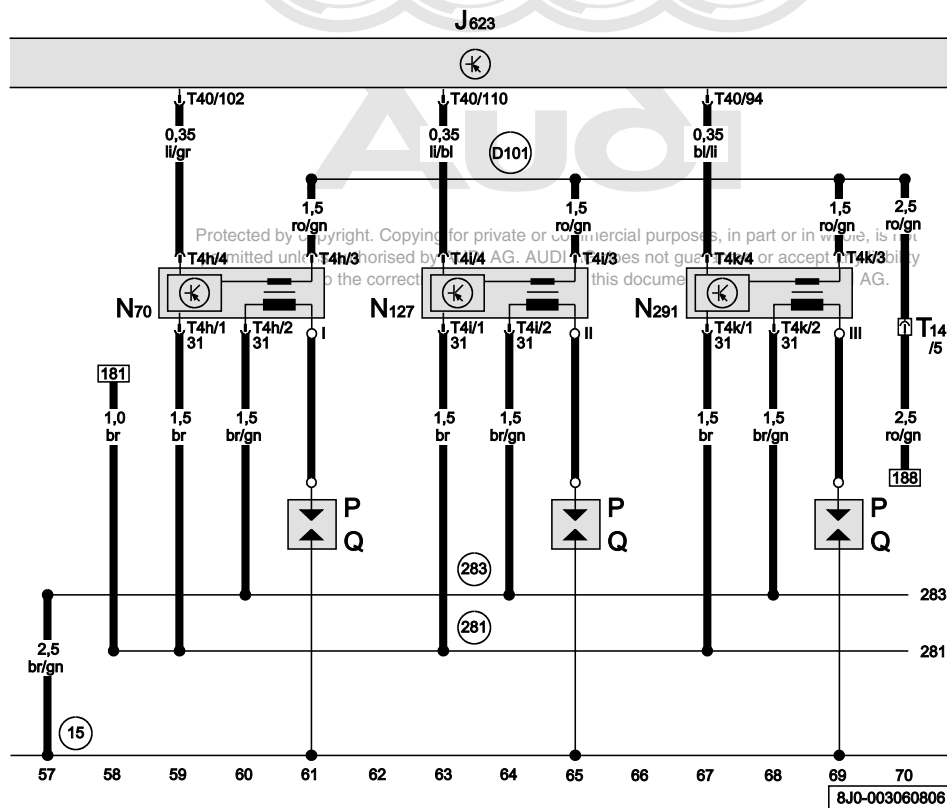


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit, ignition coil 1 up to 3 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T4h 4-pin connector, black, on ignition coil 1 with output stage
- T4i 4-pin connector, black, on ignition coil 2 with output stage
- T4k 4-pin connector, black, on ignition coil 3 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T40 40-pin connector, black, on engine control unit

- 15 Earth point, on cylinder head
- 281 Earth connection 1, in engine harness
- 283 Earth connection 2, in engine harness
- D101 Connection 1, 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

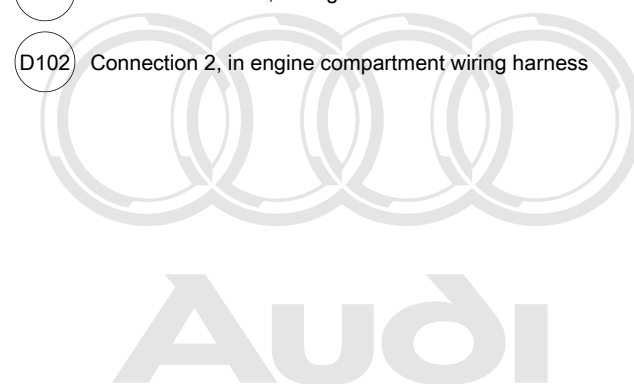
Engine control unit, ignition coil 4 up to 6 with output stage

- J623 Engine control unit
- N292 Ignition coil 4 with output stage
- N323 Ignition coil 5 with output stage
- N324 Ignition coil 6 with output stage
- P Spark plug connector
- Q Spark plugs
- T4l 4-pin connector, black, on ignition coil 4 with output stage
- T4m 4-pin connector, black, on ignition coil 5 with output stage
- T4n 4-pin connector, black, on ignition coil 6 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T40 40-pin connector, black, on engine control unit

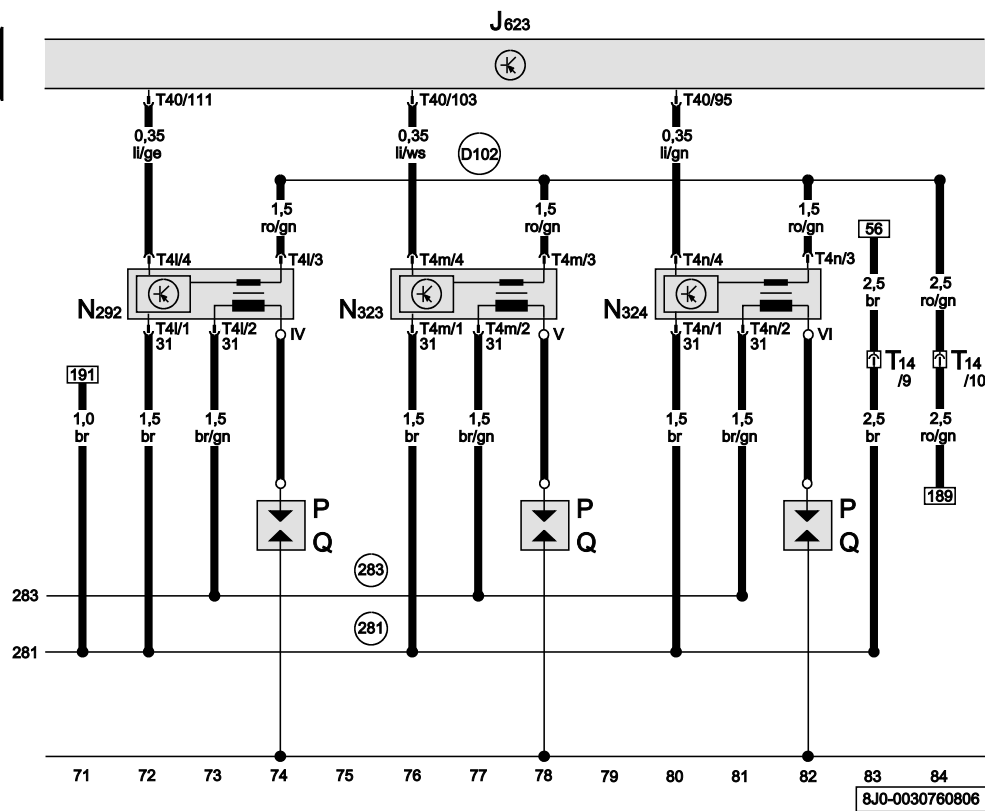
(281) Earth connection 1, in engine harness

(283) Earth connection 2, in engine harness

(D102) Connection 2, in engine compartment wiring harness



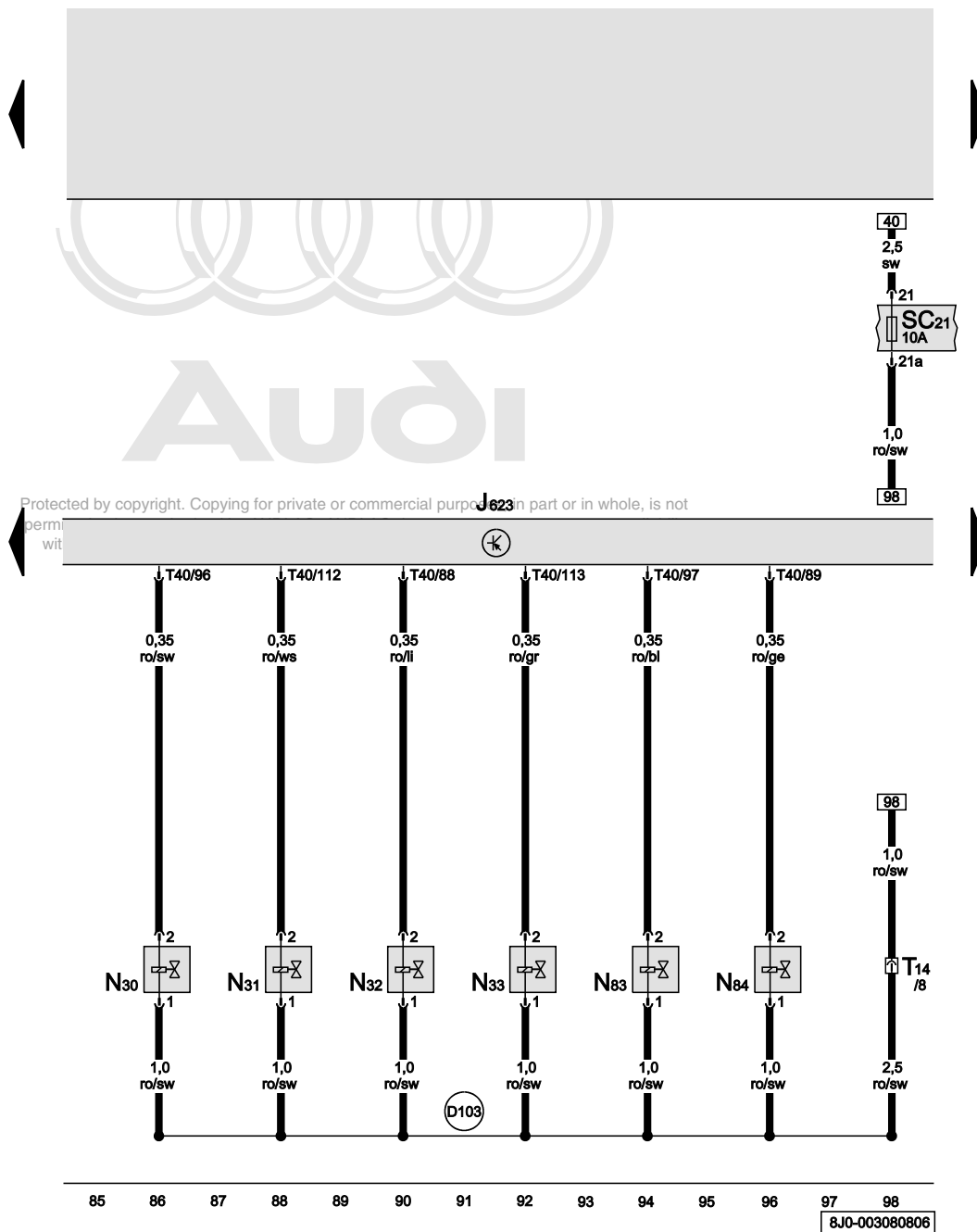
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Engine control unit, injector cylinder 1 up to 6

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N83 Injector, cylinder 5
- N84 Injector, cylinder 6
- SC21 Fuse 21 on fuse holder C
- T14 14-pin connector, black, on front left in engine compartment
- T40 40-pin connector, black, on engine control unit

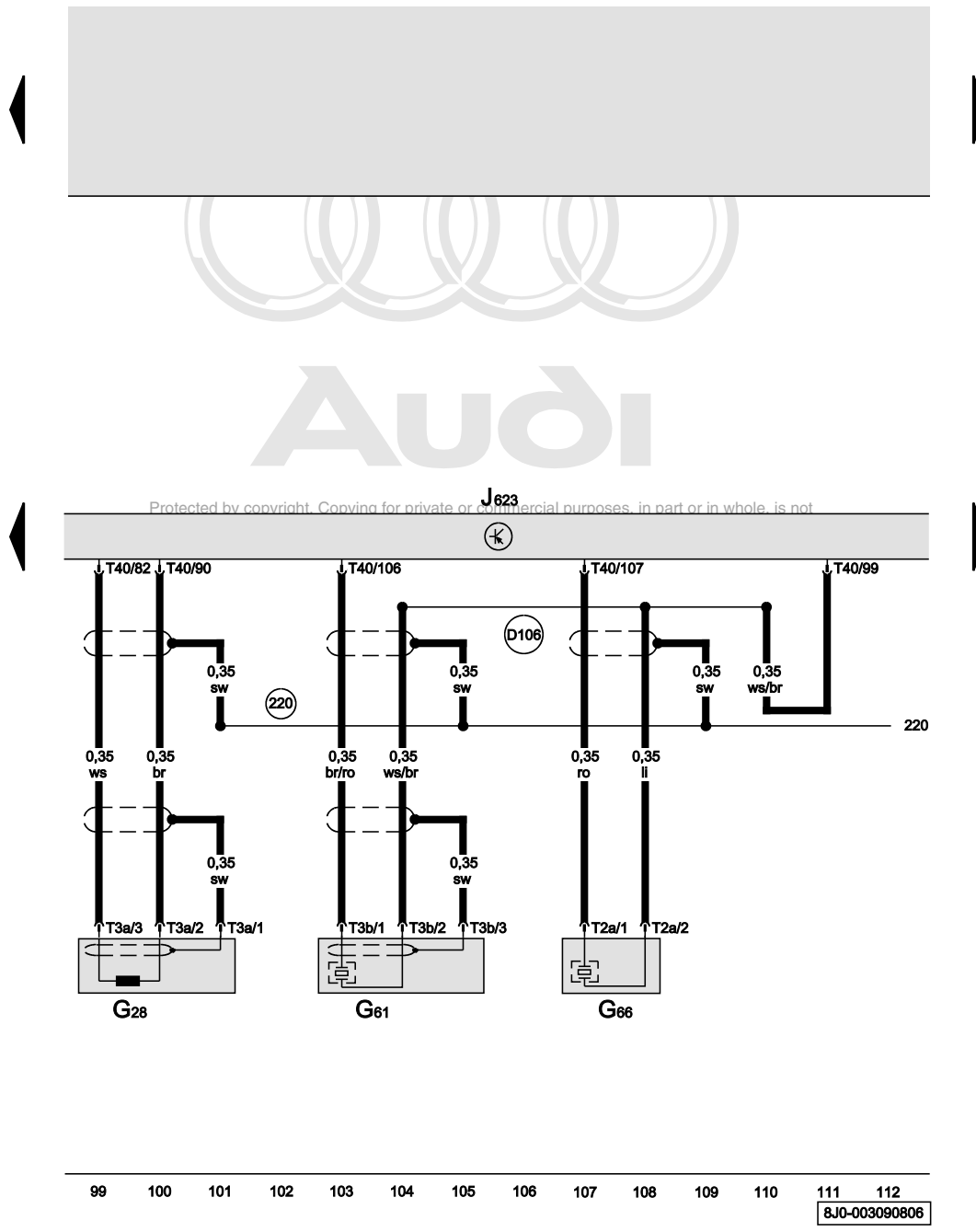
D103 Connection 3, in engine compartment wiring harness



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

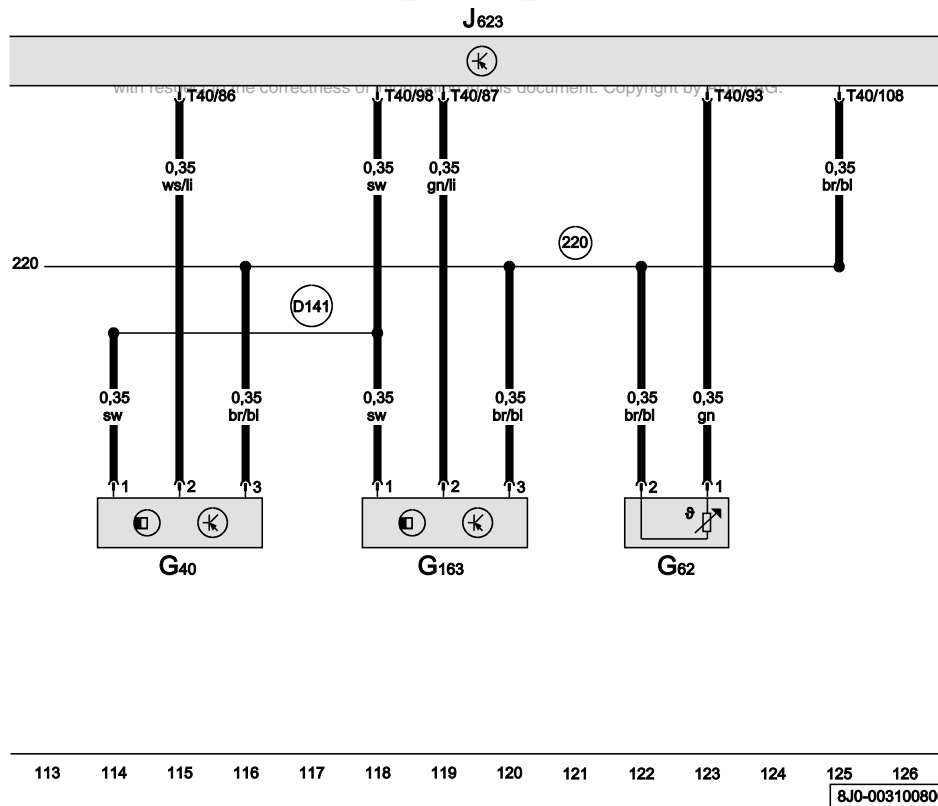
Engine control unit, engine speed sender, knock sensors

- G28 Engine speed sender
- G61 Knock sensor 1
- G66 Knock sensor 2
- J623 Engine control unit
- T2a 2-pin connector, black, on knock sensor 2
- T3a 3-pin connector, grey, on engine speed sender
- T3b 3-pin connector, black, on knock sensor 1
- T40 40-pin connector, black, on engine control unit
- (220) Earth connection (sender earth), in engine wiring harness
- (D106) Connection 4, in engine compartment wiring harness

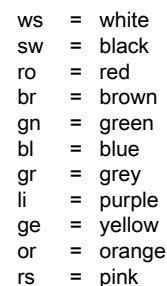
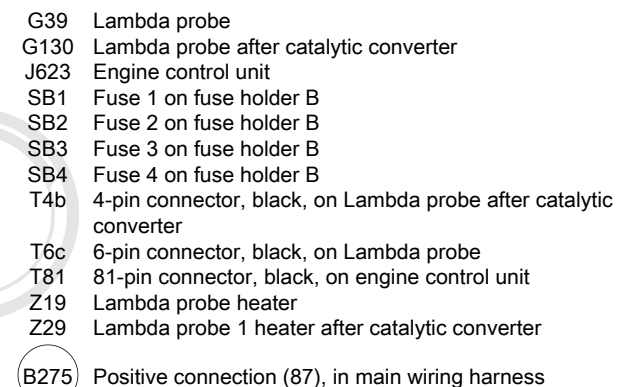


Engine control unit, Hall sender, coolant temperature sender

- G40 Hall sender
- G62 Coolant temperature sender
- G163 Hall sender 2
- J623 Engine control unit
- T40 40-pin connector, black, on engine control unit
- (220) Earth connection (sender earth), in engine wiring harness
- (D141) Connection (5V), in engine 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 control unit, lambda probe 2, lambda probe 2 after catalytic converter, lambda probe 2 heater, lambda probe 2 heater after catalytic converter, air mass meter, secondary air injection sensor 1

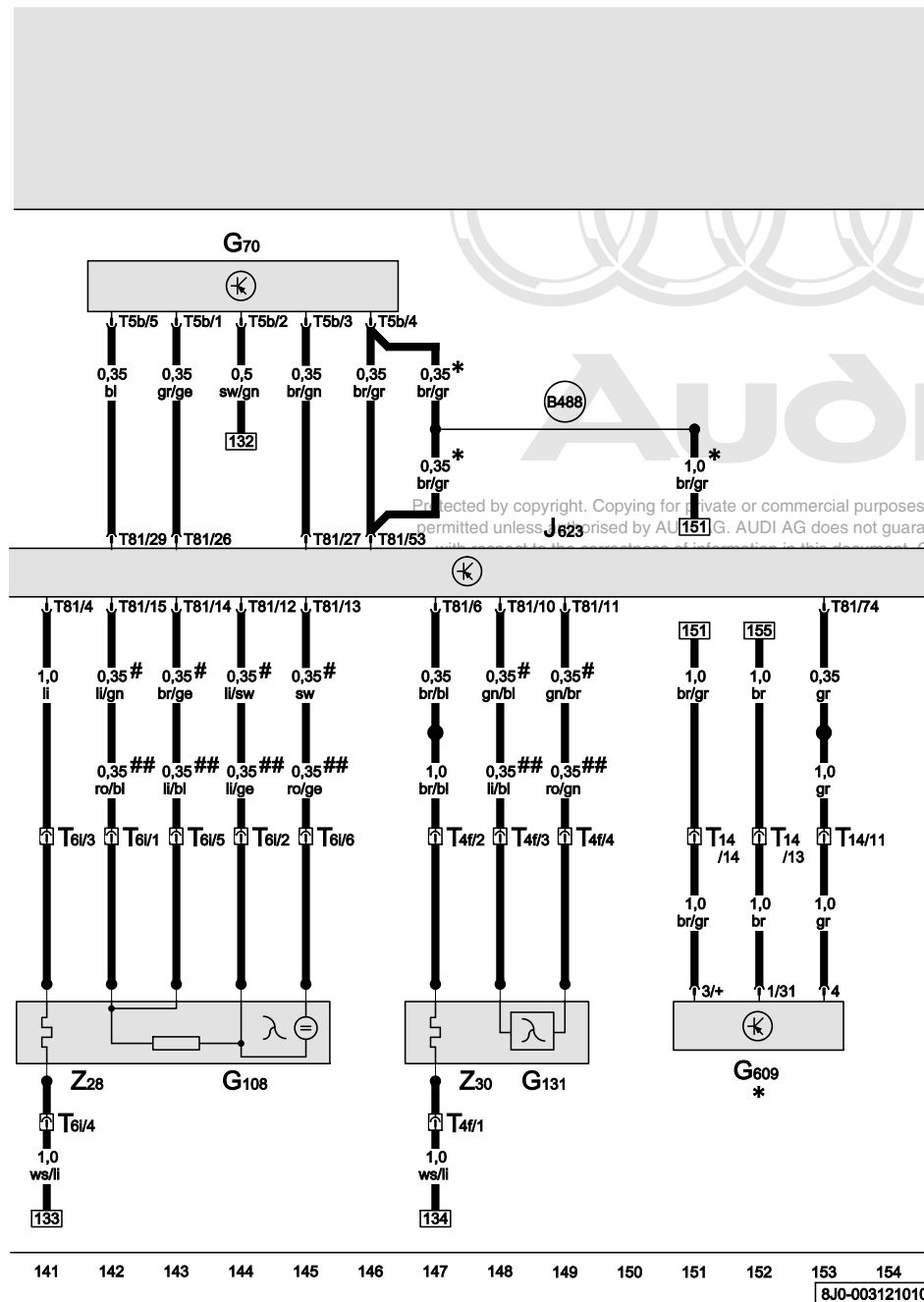
- G70 Air mass meter
- G108 Lambda probe 2
- G131 Lambda probe 2 after catalytic converter
- G609 Sender 1 for secondary air pressure
- J623 Engine control unit
- T4f 4-pin connector, brown, on Lambda probe 2 after catalytic converter
- T5b 5-pin connector, black, on air mass meter
- T6i 6-pin connector, brown, on the Lambda probe 2
- T14 14-pin connector, black, on front left in engine compartment
- T81 81-pin connector, black, on engine control unit
- Z28 Lambda probe heater 2
- Z30 Lambda probe 2 heater after catalytic converter

B488 Connection 24 in main wiring harness

* Only models with emissions concept LEV2 (7GA)

up to May 2008

from June 2008



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

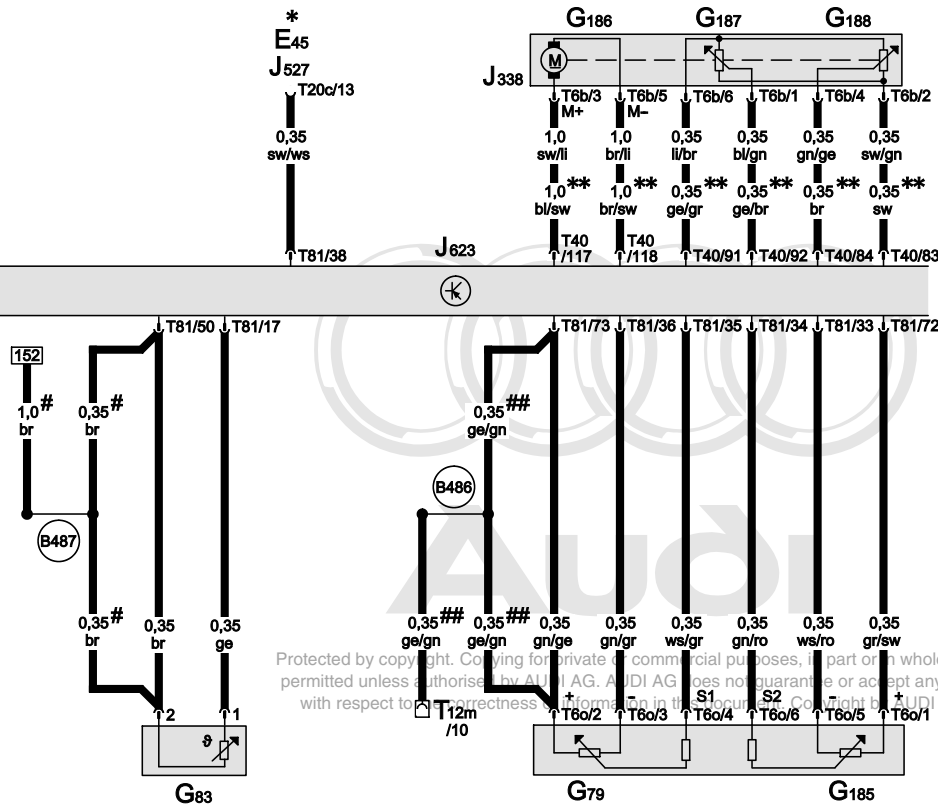
Engine control unit, radiator outlet coolant temperature sender, throttle valve module, accelerator position sender

- E45 Cruise control system switch
- G79 Accelerator position sender
- G83 Radiator outlet coolant temperature sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J527 Steering column electronics control unit
- J623 Engine control unit
- T6b 6-pin connector, black, on throttle valve module
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit

B486 Connection 22 in main wiring harness

B487 Connection 23 in main wiring harness

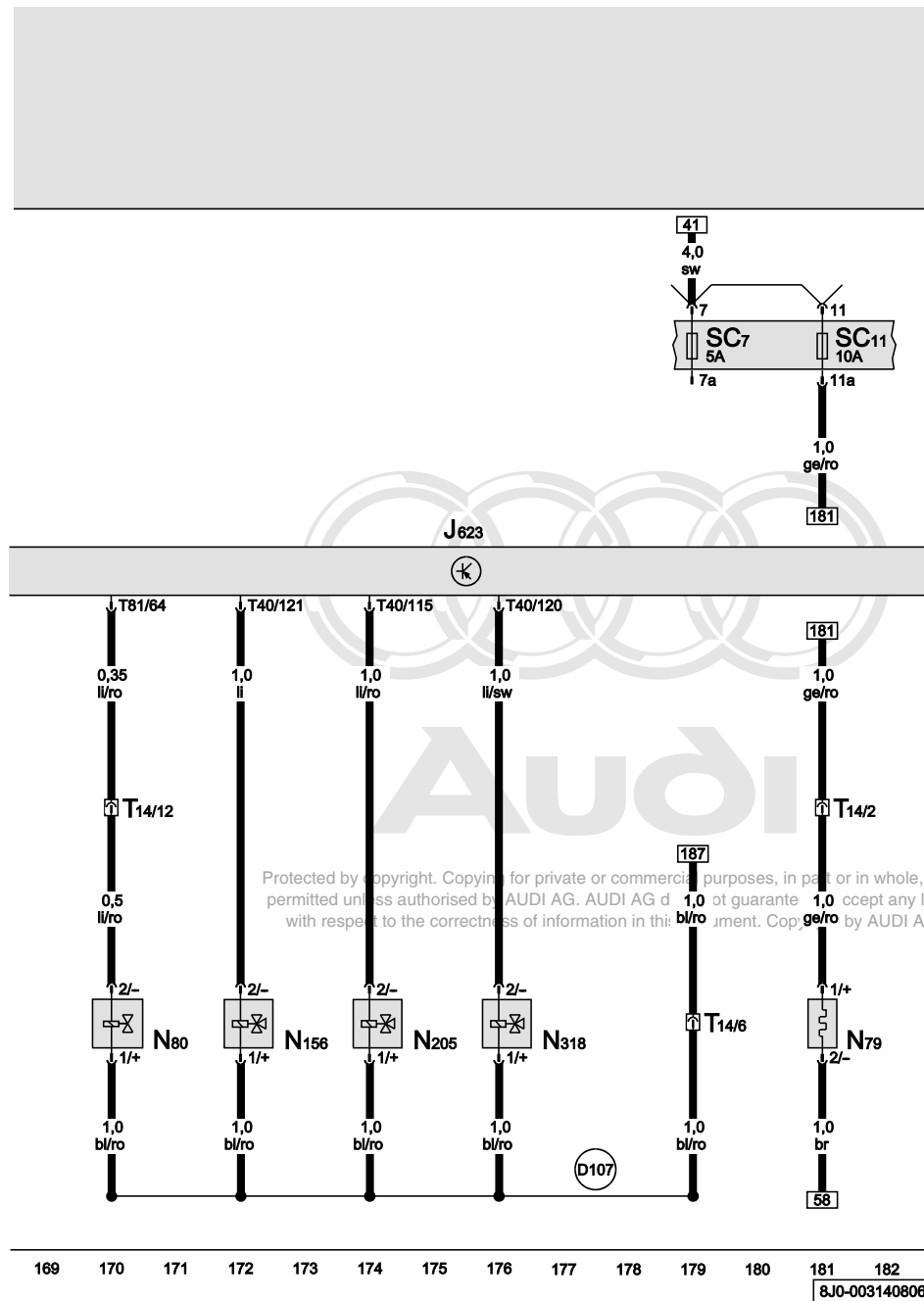
- * models with cruise control system
- ** phased-in modification
- # Only models with emissions concept LEV2 (7GA)
- ## from June 2007



- 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, active charcoal filter system solenoid valve 1, variable intake manifold change-over valve, inlet camshaft control valve 1, heater element for crankcase breather

- J623 Engine control unit
- N79 Heater element for crankcase breather
- N80 Activated charcoal filter solenoid valve 1
- N156 Variable intake manifold change-over valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- SC7 Fuse 7 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- T14 14-pin connector, black, on front left in engine compartment
- T40 40-pin connector, black, on engine control unit
- T81 81-pin connector, black, on engine control unit
- D107 Connection 5, in engine compartment wiring harness

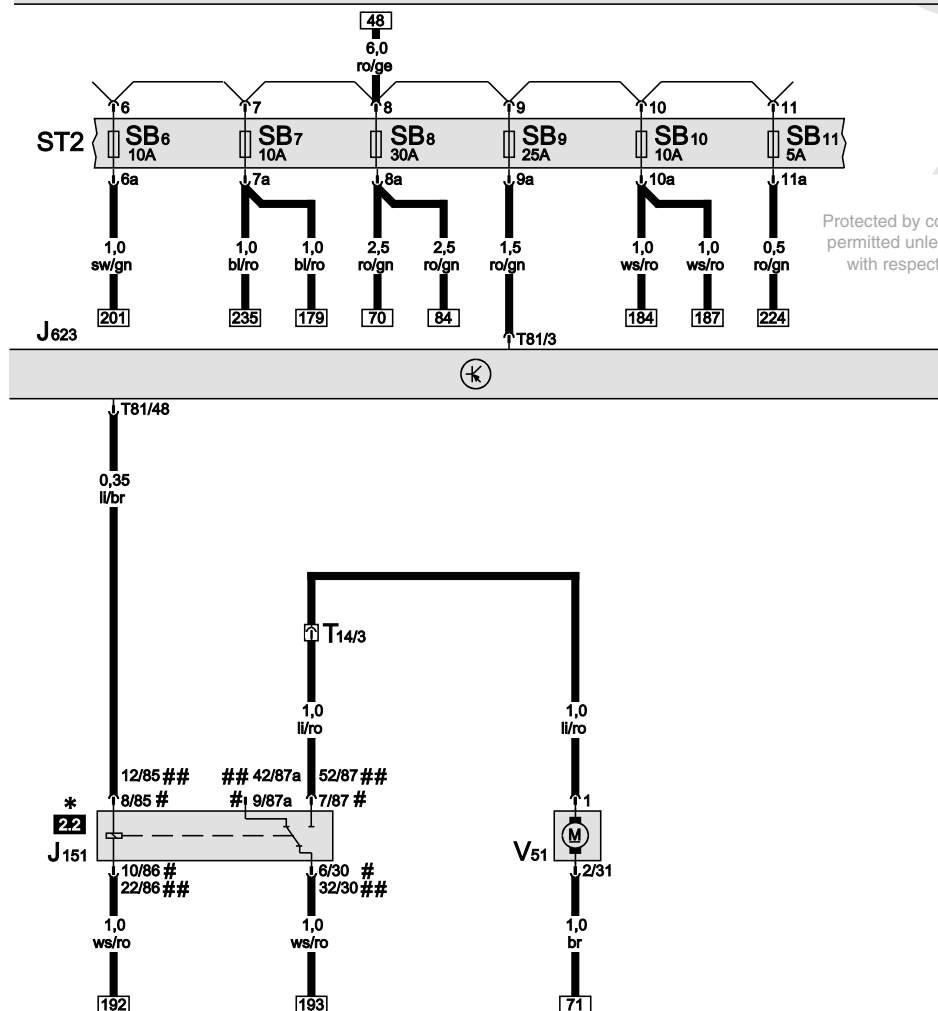


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, continued coolant circulation relay,
continued coolant circulation pump, fuses

- J151 Continued coolant circulation relay
- J623 Engine control unit
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- T14 14-pin connector, black, on front left in engine compartment
- T81 81-pin connector, black, on engine control unit
- V51 Continued coolant circulation pump
- * Relay and fuse carrier in electronics box engine compartment up to May 2007
- # from June 2007
- ## from June 2007

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, secondary air pump relay, secondary air pump motor, fuel system diagnostic pump, secondary air inlet valve

- J299 Secondary air pump relay
- J623 Engine control unit
- N112 Secondary air inlet valve
- N320 Secondary air inlet valve 2
- T81 81-pin connector, black, on engine control unit
- V101 Secondary air pump motor
- V144 Fuel system diagnostic pump

367 Earth connection 2, in main wiring harness

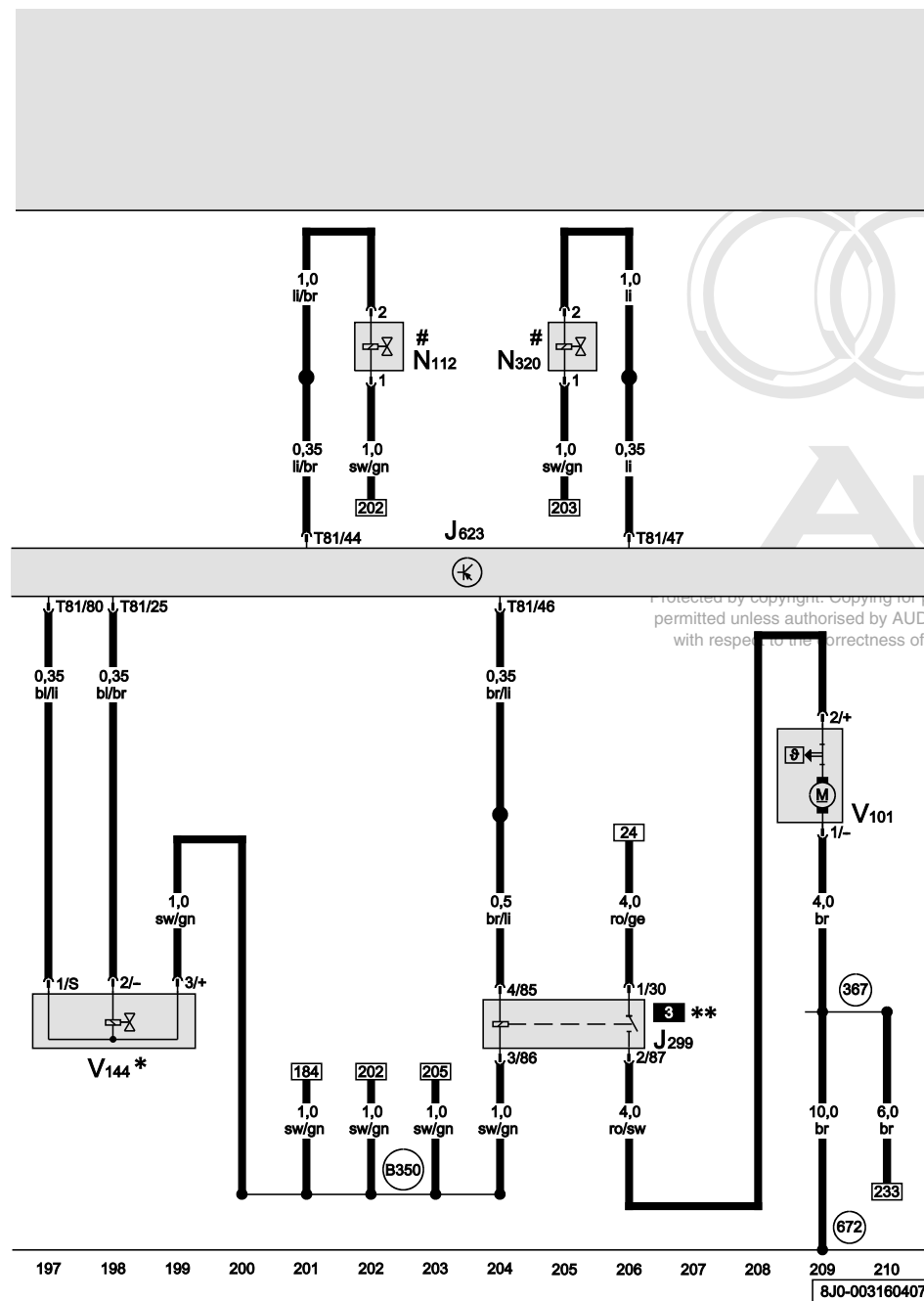
672 Earth point 2, on front of left longitudinal member

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

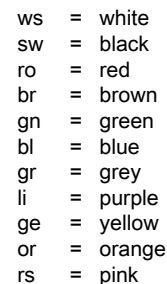
* models with fuel system diagnostic pump

** Relay and fuse carrier in electronics box engine compartment only USA

#



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



- * models with manual gearbox
- ** up to May 2007
- *** from June 2007
- # up to May 2007, only USA
- ◆ up to May 2009
- ◆◆ from June 2009

Engine control unit, radiator fan control unit, radiator fan

- J293 Radiator fan control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4c 4-pin connector, black, on radiator fan control unit
- T16 16-pin connector, diagnostic connector
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T81 81-pin connector, black, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

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

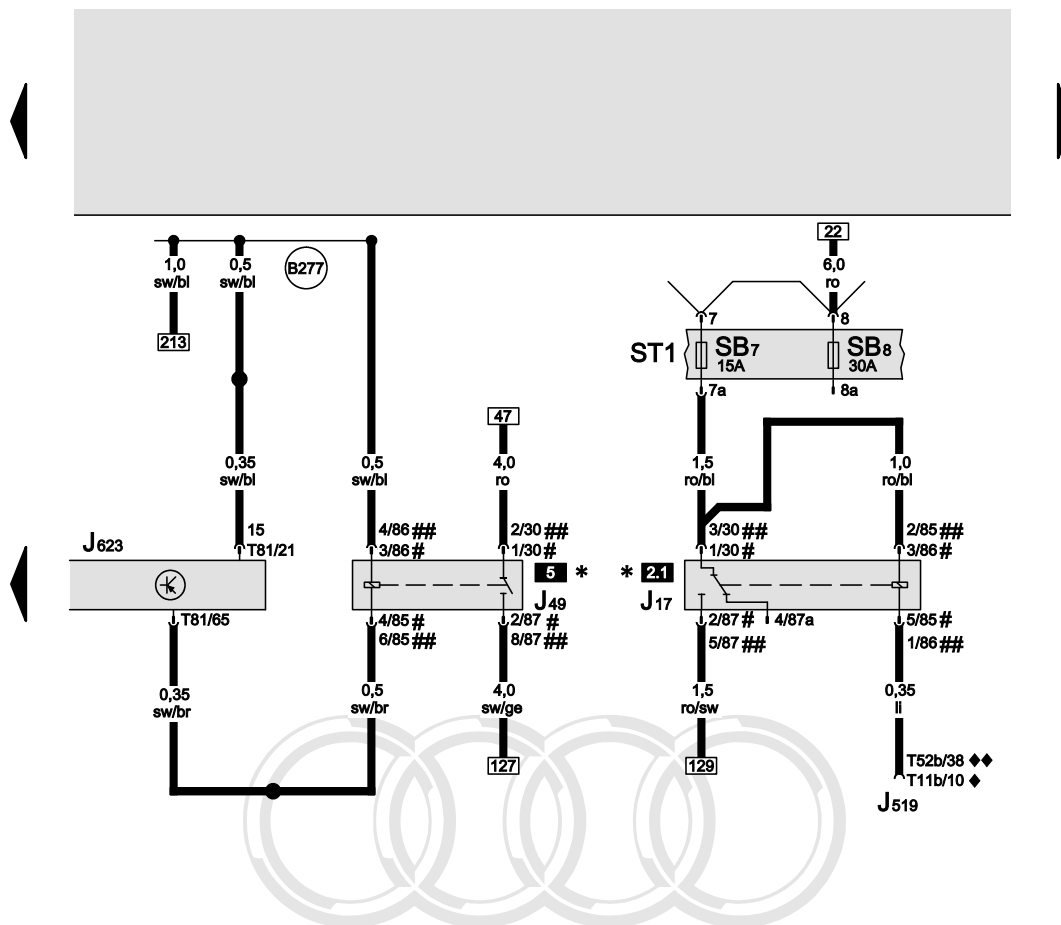
(B390) Connection 1 (powertrain CAN bus, low), in main wiring harness

(B444) Connection 1 (diagnosis), in main wiring harness

- CAN bus (data wire)
- * models with direct shift gearbox 02E
- ** Is dropped from June 2008

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



Fuel pump relay, electric fuel pump 2 relay

- J17 Fuel pump relay
- J49 Electric fuel pump 2 relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T81 81-pin connector, black, on engine control unit
- B277 Positive connection 1 (15a), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment
- # up to May 2007
- ## from June 2007
- ◆ up to May 2009
- ◆◆ from June 2009

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Control unit in dash panel insert, oil pressure switch, coolant shortage indicator switch, fuel gauge sender, fuel gauge, fuel system pressurisation pump, fuel gauge sender 2

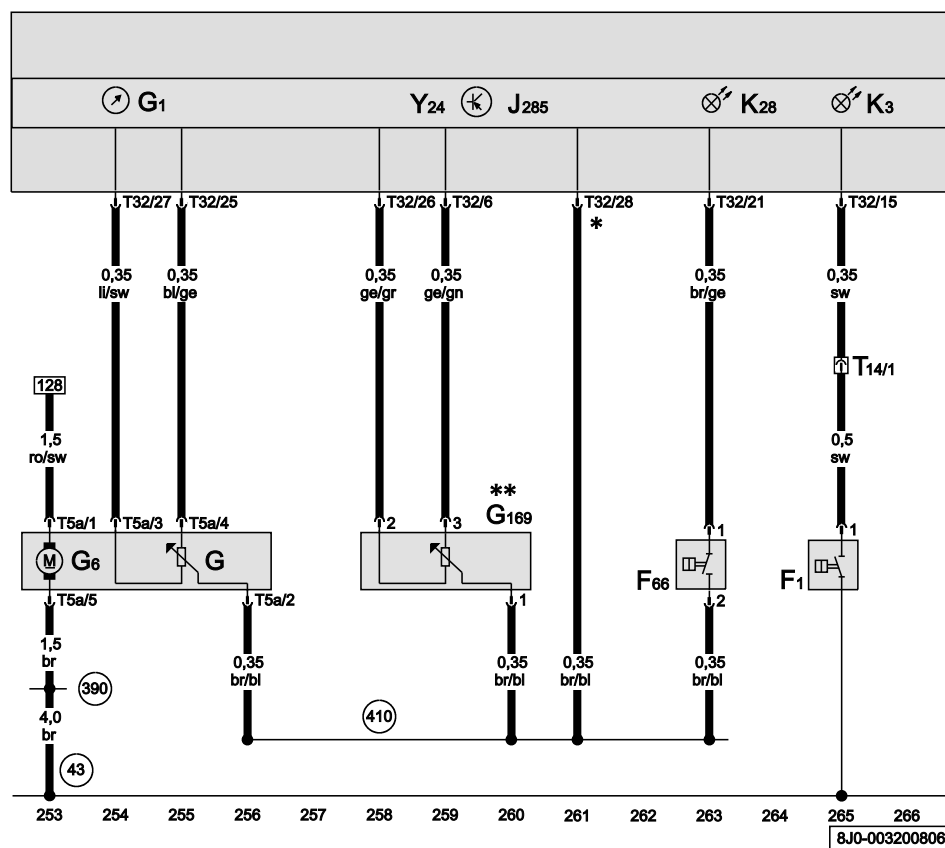
- F1 Oil pressure switch
- F66 Coolant shortage indicator switch
- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- T5a 5-pin connector, black, on fuel gauge sender
- T14 14-pin connector, black, on front left in engine compartment
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

43 Earth point, lower part of right A-pillar

390 Earth connection 25, in main wiring harness

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

* output sender earth
** models with four-wheel drive



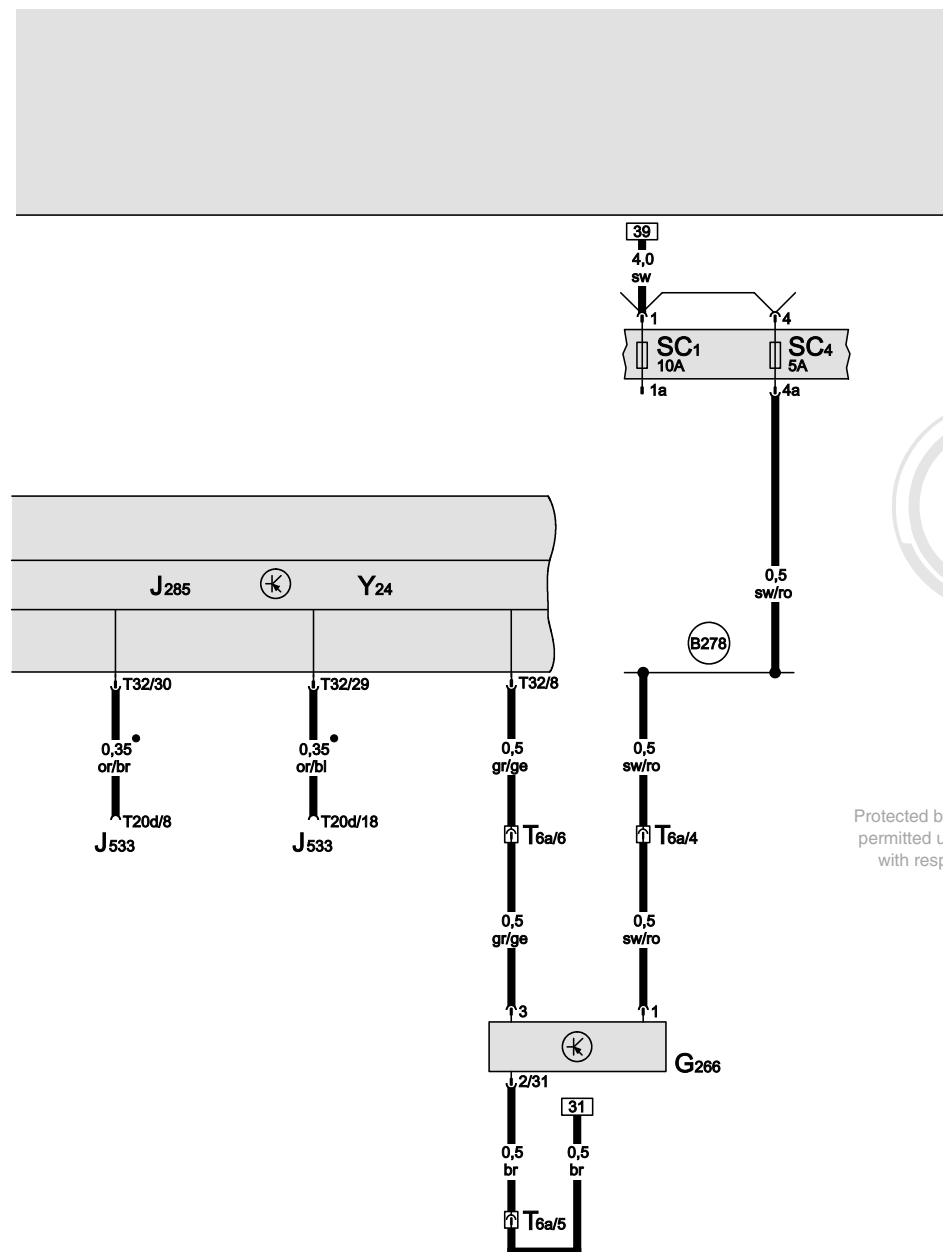
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

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

- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- T6a 6-pin connector, black, on front left in engine compartment
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

- (B278) Positive connection 2 (15a), in main wiring harness
 - CAN bus (data wire)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Direct shift gearbox 02E

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

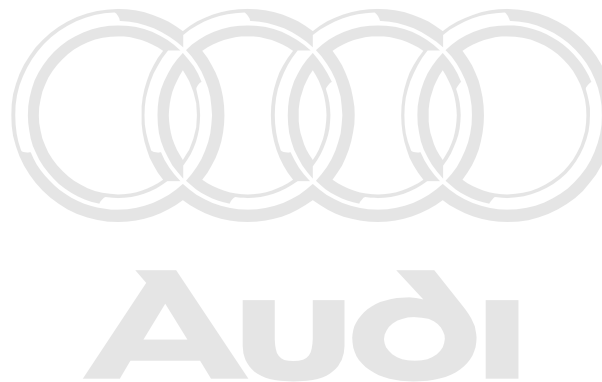
- ◆ Earth connections

⇒ List of Fitting Locations!

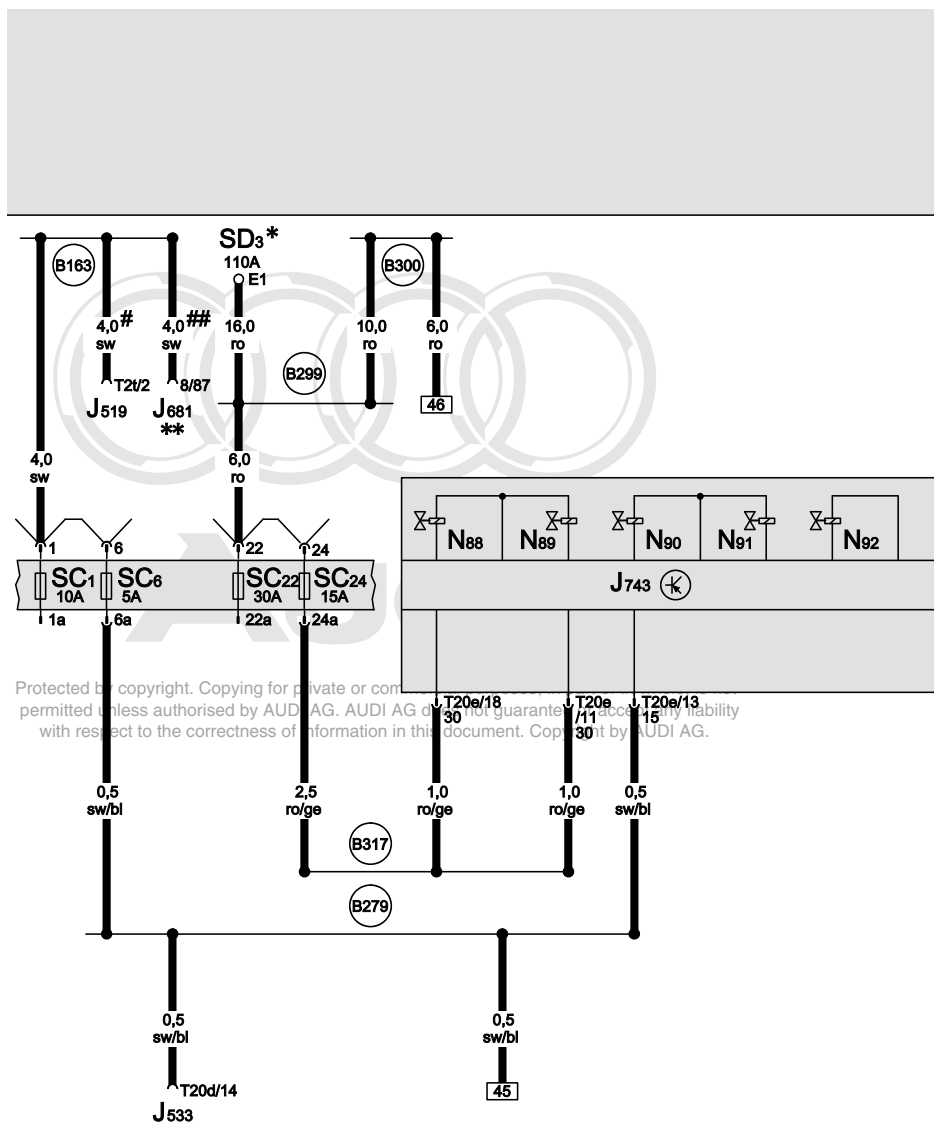
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Mechatronic unit for dual clutch gearbox, solenoid valves, fuses

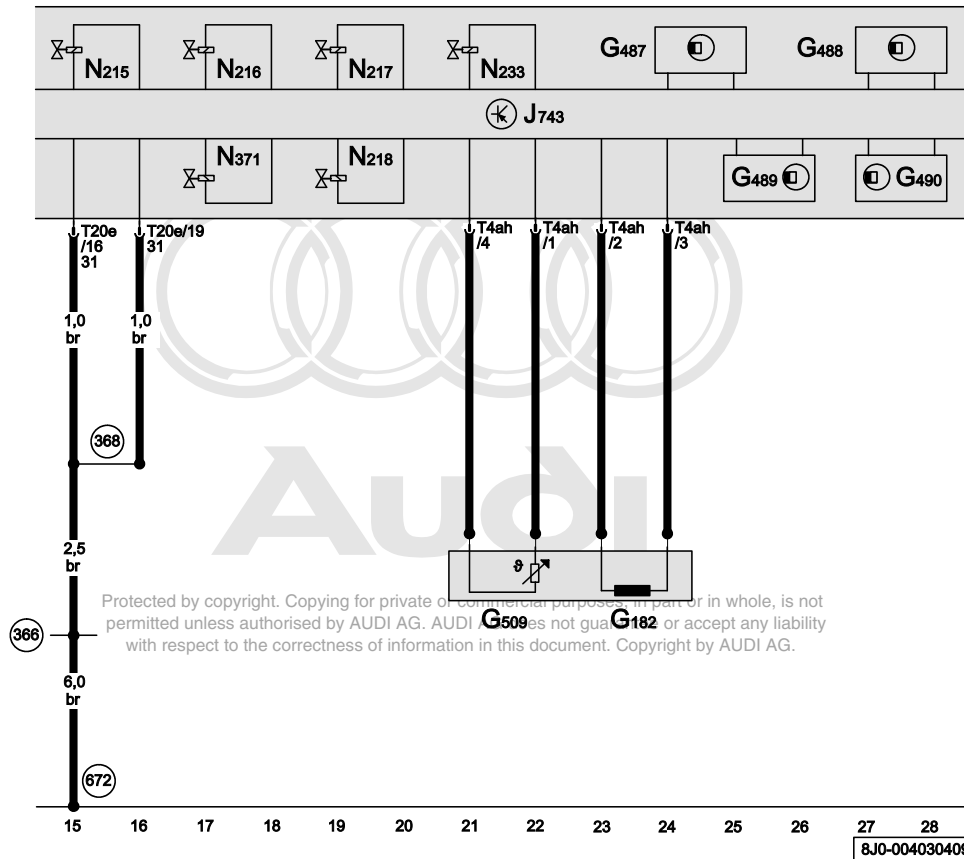
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J681 Terminal 15 voltage supply relay 2
- J743 Mechatronic unit for dual clutch gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N90 Solenoid valve 3
- N91 Solenoid valve 4
- N92 Solenoid valve 5
- SC1 Fuse 1 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- B163 Positive connection 1 (15), in interior wiring harness
- B279 Positive connection 3 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B317 Positive connection 3 (30a), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009

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

Mechatronic unit for dual clutch gearbox, gearbox input speed sender, gear selector movement sensors, clutch temperature sender, automatic gearbox pressure regulating valves

- G182 Gearbox input speed sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J743 Mechatronic unit for dual clutch gearbox
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N217 Automatic gearbox pressure regulating valve 3
- N218 Automatic gearbox pressure regulating valve 4
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- T4ah 4-pin connector, on mechatronic unit for dual clutch gearbox

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member



Mechatronic unit for dual clutch gearbox, gearbox oil temperature sender, temperature sender in control unit, diagnostic connexion

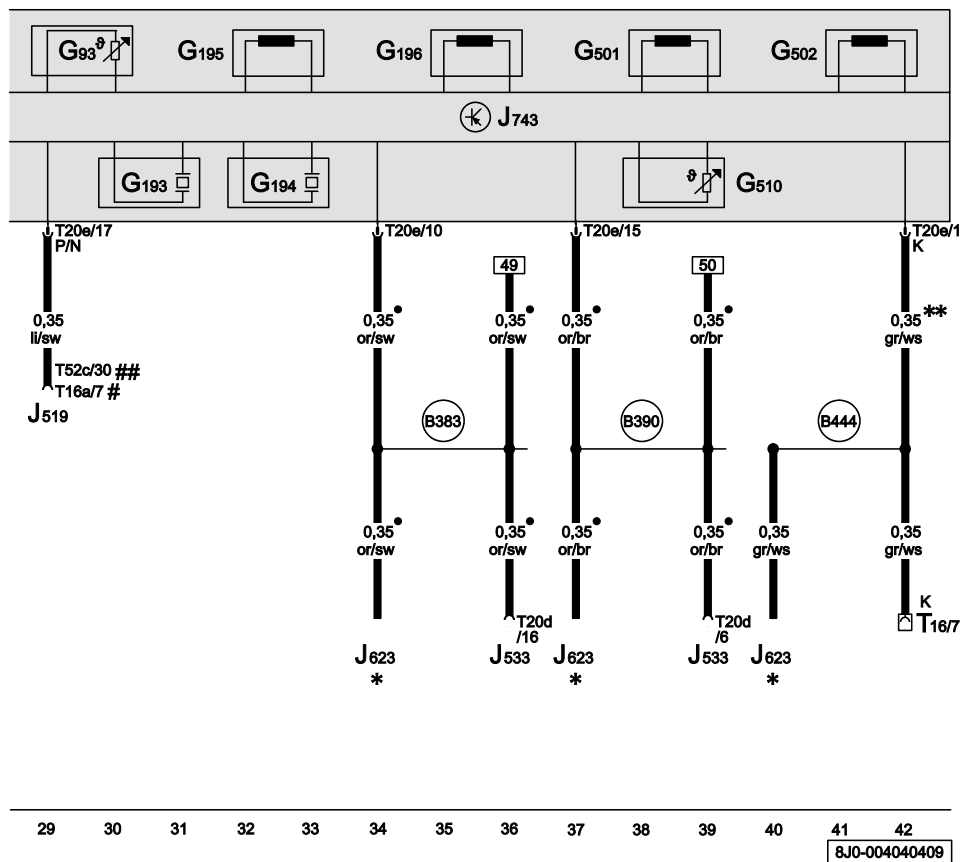
- G93 Gearbox oil temperature sender
- G193 Automatic gearbox hydraulic pressure sender 1
- G194 Automatic gearbox hydraulic pressure sender 2
- G195 Gearbox output speed sender
- G196 Gearbox output speed sender 2
- G501 Input shaft speed sender 1
- G502 Input shaft speed sender 2
- G510 Temperature sender in control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T16 16-pin connector, diagnostic connector
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T52c 52-pin connector, brown, on onboard supply control unit

- (B383) Connection 1 (drive train CAN bus, high), in main wiring harness
- (B390) Connection 1 (drive train CAN bus, low), in main wiring harness
- (B444) Connection 1 (diagnosis), in main wiring harness

- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram
- ** Is dropped from June 2008
- # up to May 2009
- ## from June 2009

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

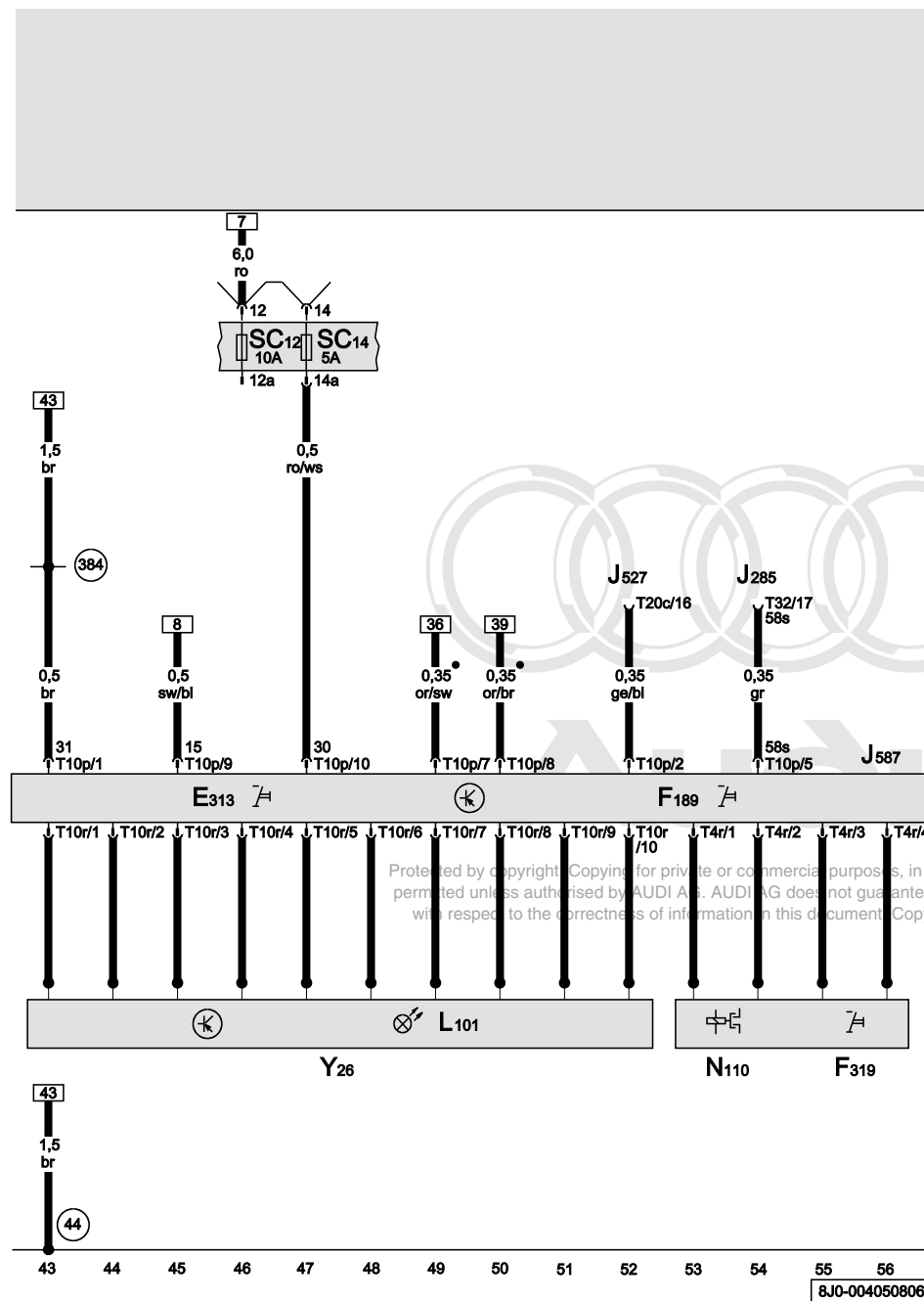
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Automatic gearbox control unit, Tiptronic switch, selector lever locked in position P switch, selector lever display illumination bulb, selector lever lock solenoid

- E313 Selector lever
- F189 Tiptronic switch
- F319 Selector lever locked in position P switch
- J285 Control unit in dash panel insert
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T4r 4-pin connector, on selector lever
- T10p 10-pin connector, on Tiptronic switch
- T10r 10-pin connector, black, on selector lever
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y26 Selector lever position display

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
 - CAN bus (data wire)



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

Airbag

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

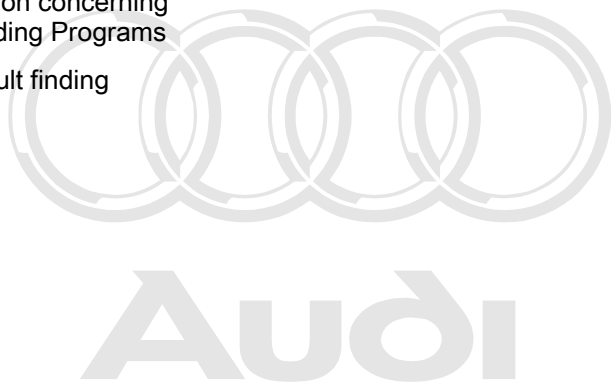
- ◆ Earth connections

⇒ List of Fitting Locations!

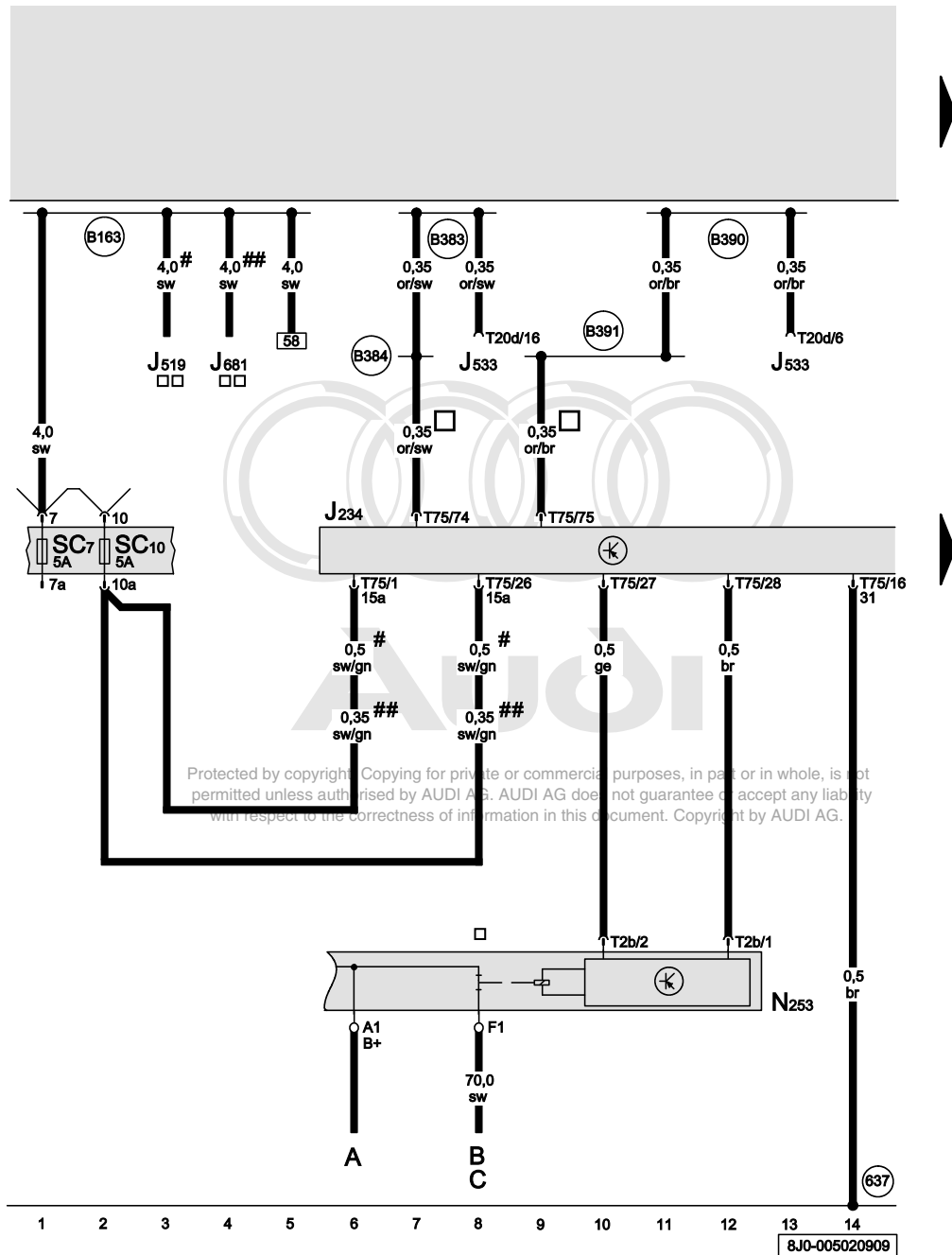
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Airbag control unit, battery isolation igniter

- A Battery
- B Starter
- C Alternator
- J234 Airbag control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J681 Terminal 15 voltage supply relay 2
- N253 Battery isolation igniter
- SC7 Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T2b 2-pin connector, purple, on battery isolation igniter
- T20d 20-pin connector, black, on data bus diagnostic interface
- T75 75-pin connector, yellow, on airbag control unit
- 637 Earth point, airbag control unit
- B163 Positive connection 1 (15), in interior wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery
- ** ⇒ basic equipment Current Flow Diagram
- # up to May 2009
- ## from June 2009

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

Airbag control unit, driver side airbag igniter, front passenger side airbag igniter, airbag coil connector and return spring with slip ring

- F138 Airbag coil connector and return spring with slip ring
- J234 Airbag control unit
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- N132 Front passenger side airbag igniter 2
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T5c 5-pin connector, yellow, behind the dash panel, right
- T75 75-pin connector, yellow, on airbag control unit

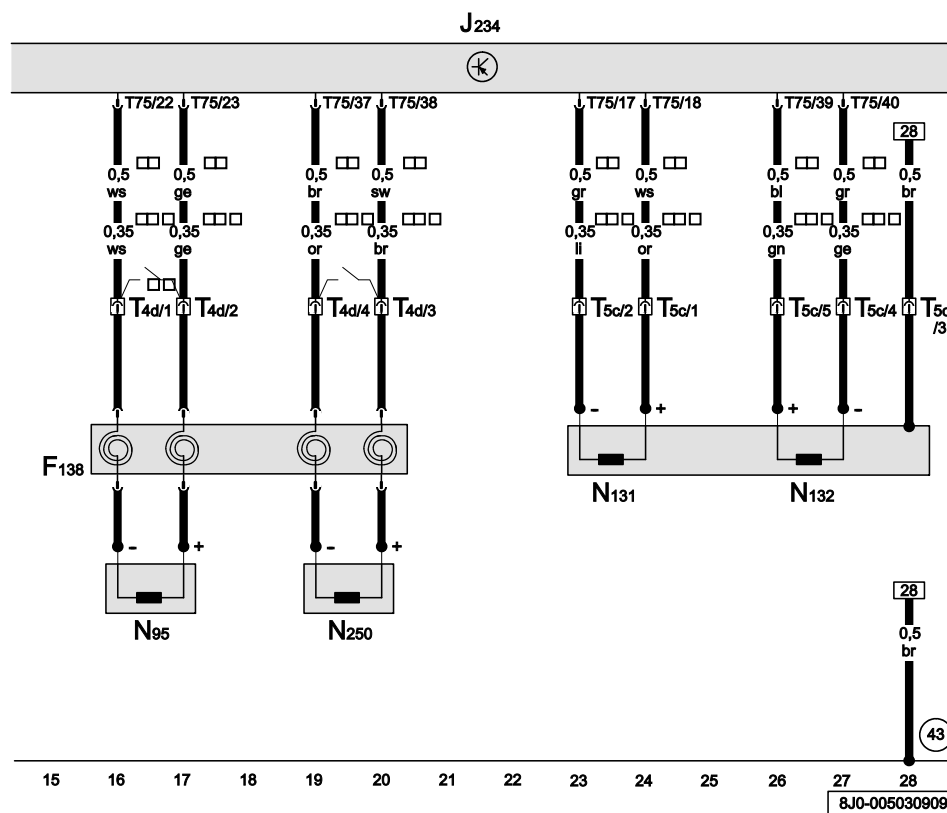
Protected by copyright. Copying for private or commercial purposes in part or in whole is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG

43 Earth point, lower part of right A-pillar

short circuit bridge becomes effective when connector is unplugged

** up to May 2009

*** from June 2009



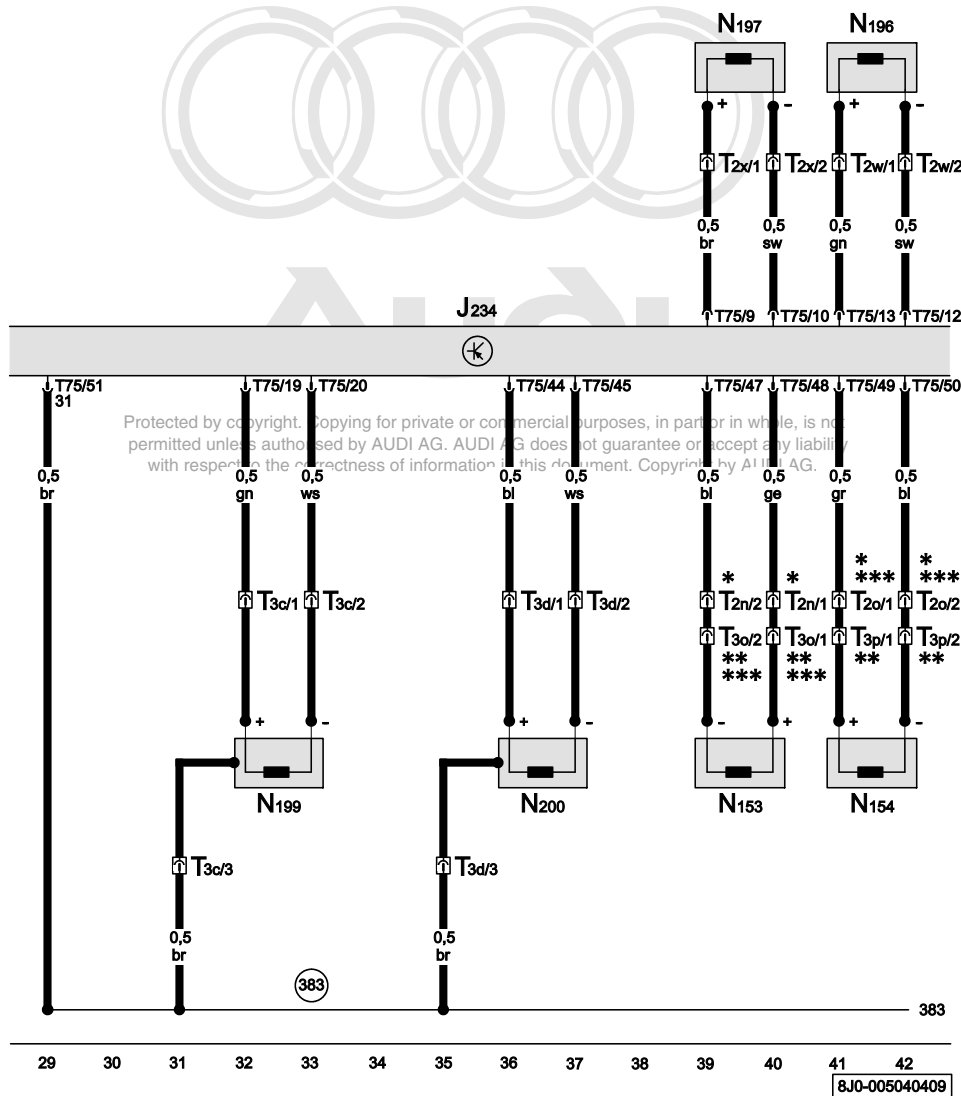
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit, driver and front passenger seat belt tensioner igniter 1, side airbag igniter on driver side and passenger side, rear belt tensioner igniter on driver and front passenger side

- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger side seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2n 2-pin connector, left B-pillar
- T2o 2-pin connector, right B-pillar
- T2w 2-pin connector, left B-pillar
- T2x 2-pin connector, right B-pillar
- T3c 3-pin connector, yellow, under driver seat
- T3d 3-pin connector, yellow, under front passenger seat
- T3o 3-pin connector, yellow, on left B-pillar
- T3p 3-pin connector, yellow, on right B-pillar
- T75 75-pin connector, yellow, on airbag control unit

383 Earth connection 18, in main wiring harness

- * Coupé
- ** Roadster
- *** Roadster, right-hand drive

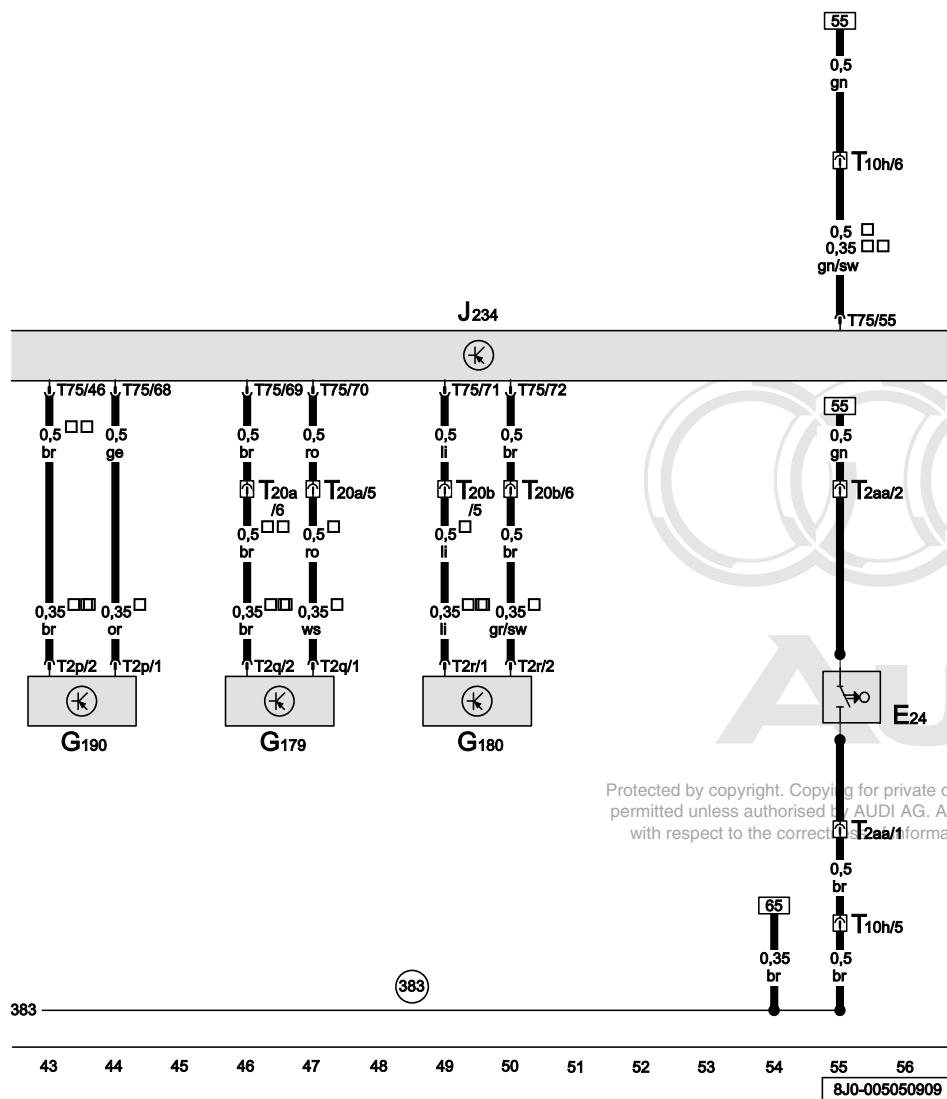


Airbag control unit, driver side belt switch, side airbag crash sensor on driver side and front passenger, crash sensor for front airbag

- E24 Driver side belt switch
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G190 Crash sensor for front airbag
- J234 Airbag control unit
- T2p 2-pin connector, yellow, front engine compartment, centre
- T2q 2-pin connector, yellow, in driver door
- T2r 2-pin connector, yellow, in front passenger door
- T2aa 2-pin connector, in driver seat
- T10h 10-pin connector, black, under driver seat
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T75 75-pin connector, yellow, on airbag control unit

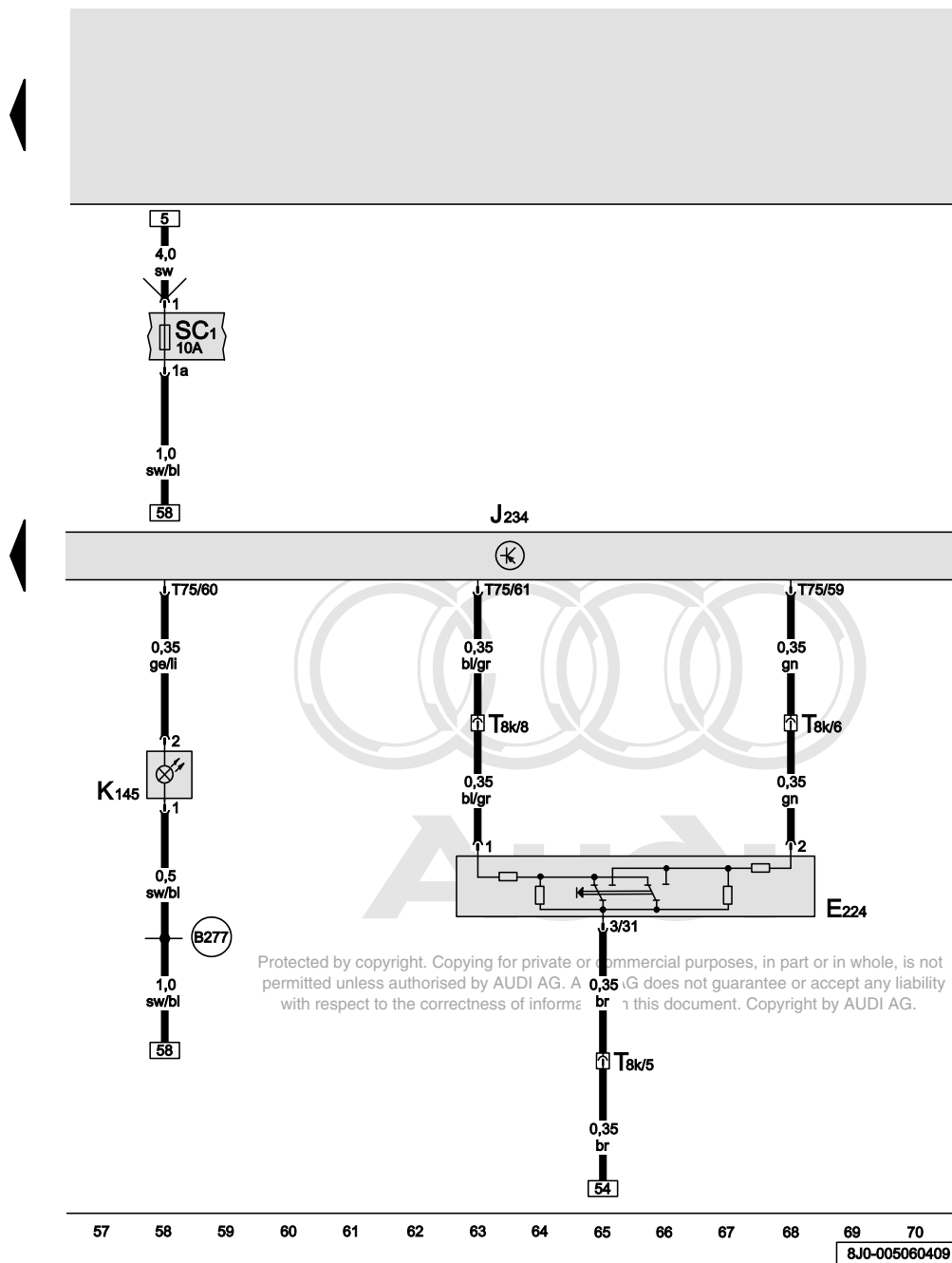
383 Earth connection 18, in main wiring harness

* up to May 2009
** from June 2009



Key operated switch to deactivate front passenger side airbag, front passenger side airbag deactivated warning lamp

- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- SC1 Fuse 1 on fuse holder C
- T8k 8-pin connector, black, behind right dash panel
- T75 75-pin connector, yellow, on airbag control unit
- B277 Positive connection 1 (15a), in main wiring harness



Airbag USA

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

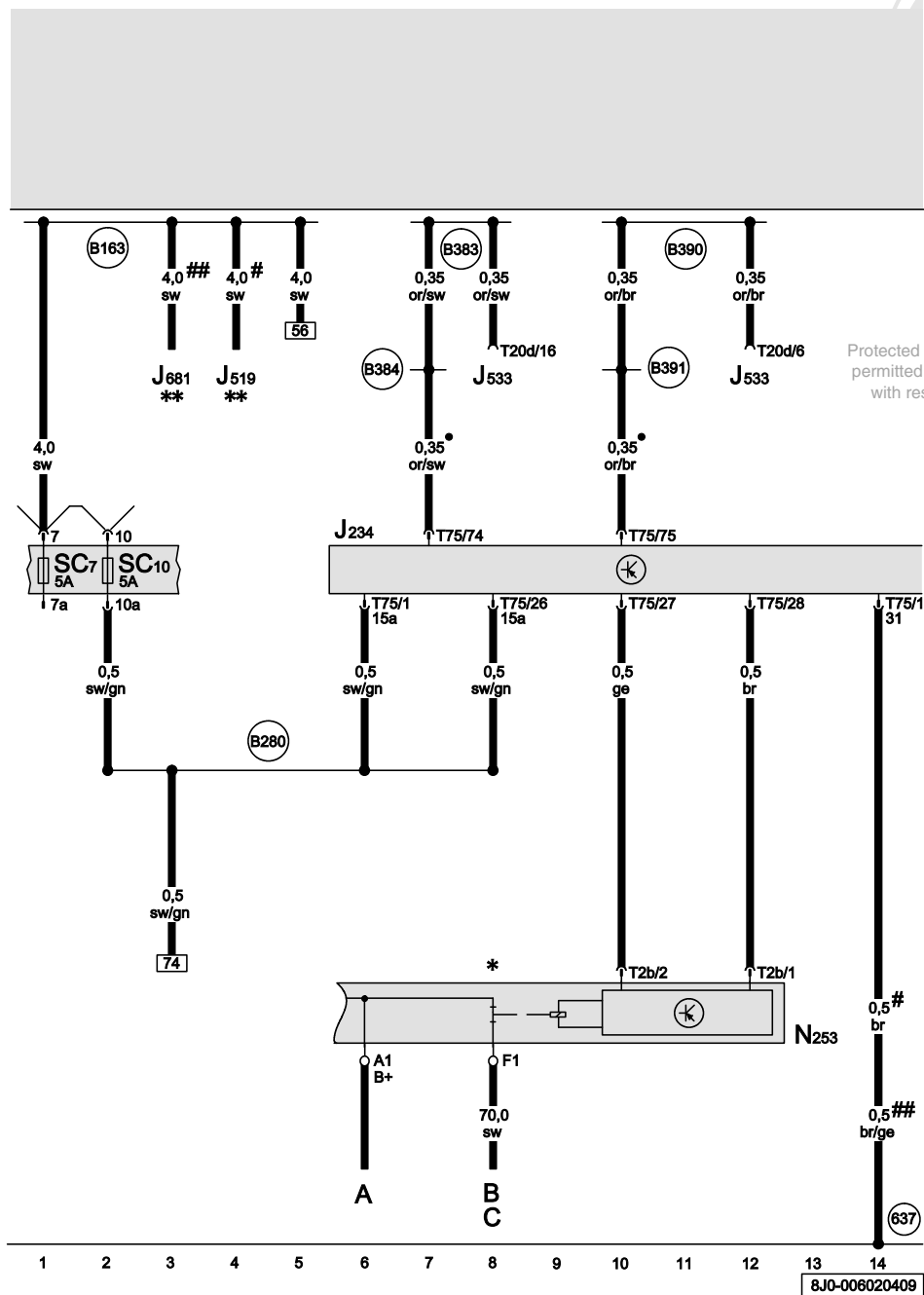
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Airbag control unit, battery isolation igniter

- A Battery
- B Starter
- C Alternator
- J234 Airbag control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J681 Terminal 15 voltage supply relay 2
- N253 Battery isolation igniter
- SC7 Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T2b 2-pin connector, purple, on battery isolation igniter
- T20d 20-pin connector, black, on data bus diagnostic interface
- T75 75-pin connector, yellow, on airbag control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

637 Earth point, airbag control unit

- B163 Positive connection 1 (15), in interior wiring harness
- B280 Positive connection 4 (15a), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery
- ** ⇒ basic equipment Current Flow Diagram
- # up to May 2009
- ## from June 2009

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

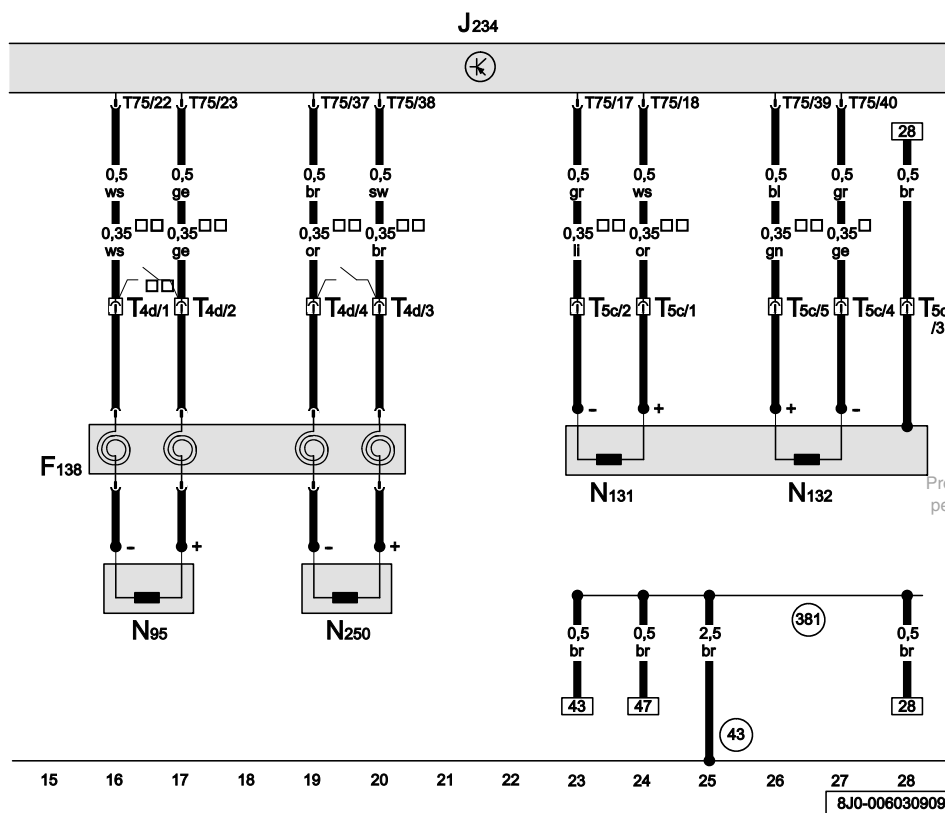
Airbag control unit, driver side airbag igniter, front passenger side airbag igniter, airbag coil connector and return spring with slip ring

- F138 Airbag coil connector and return spring with slip ring
- J234 Airbag control unit
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- N132 Front passenger side airbag igniter 2
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T5c 5-pin connector, yellow, behind the dash panel, right
- T75 75-pin connector, yellow, on airbag control unit

43 Earth point, lower part of right A-pillar

381 Earth connection 16, in main wiring harness

- * short circuit bridge becomes effective when connector is unplugged
- ** from June 2009



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

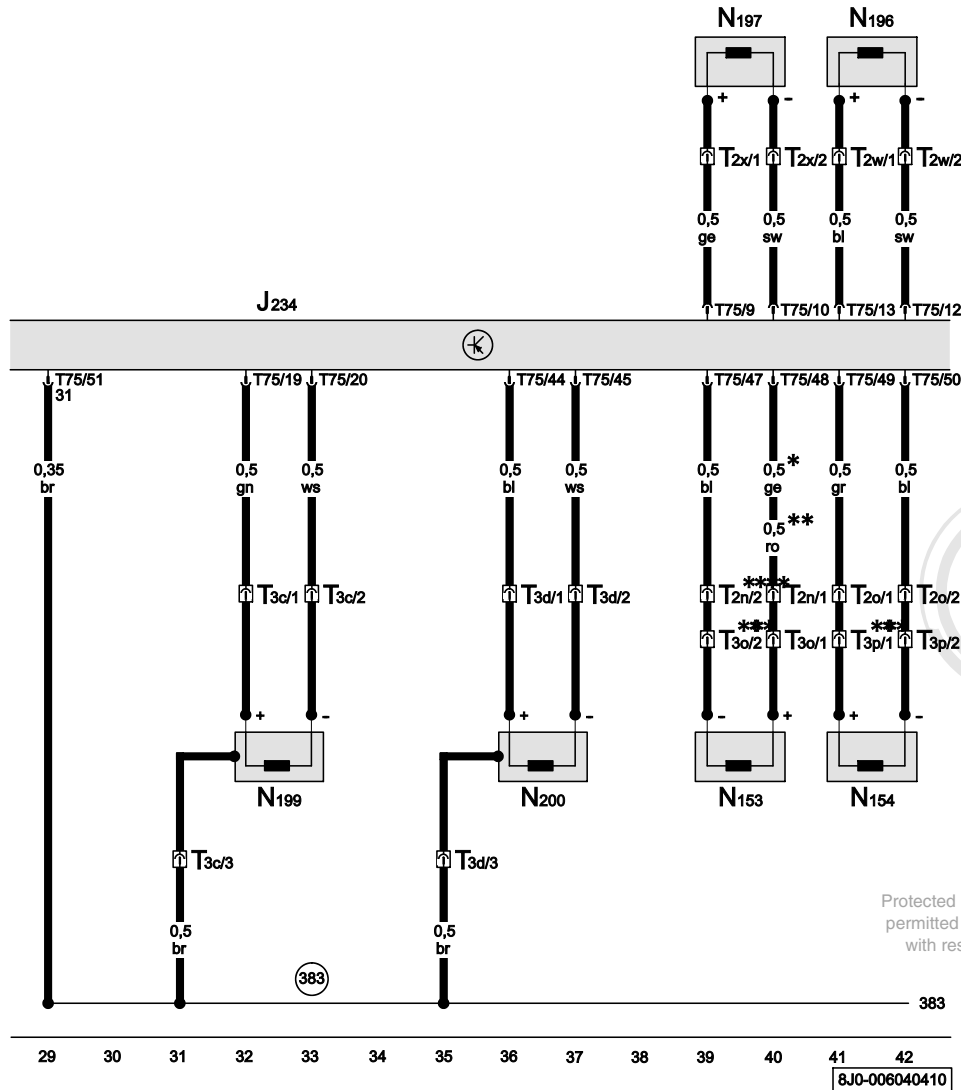
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit, driver and front passenger seat belt tensioner igniter 1, side airbag igniter on driver side and passenger side, rear belt tensioner igniter on driver and front passenger side

- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger side seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2n 2-pin connector, left B-pillar
- T2o 2-pin connector, right B-pillar
- T2w 2-pin connector, left B-pillar
- T2x 2-pin connector, right B-pillar
- T3c 3-pin connector, yellow, under driver seat
- T3d 3-pin connector, yellow, under front passenger seat
- T3o 3-pin connector, yellow, on left B-pillar
- T3p 3-pin connector, yellow, on right B-pillar
- T75 75-pin connector, yellow, on airbag control unit

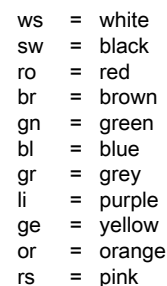
383 Earth connection 18, in main wiring harness

- * Coupé
- ** Roadster



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Audi AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



* up to May 2009
** from June 2009

Edition 10.2010

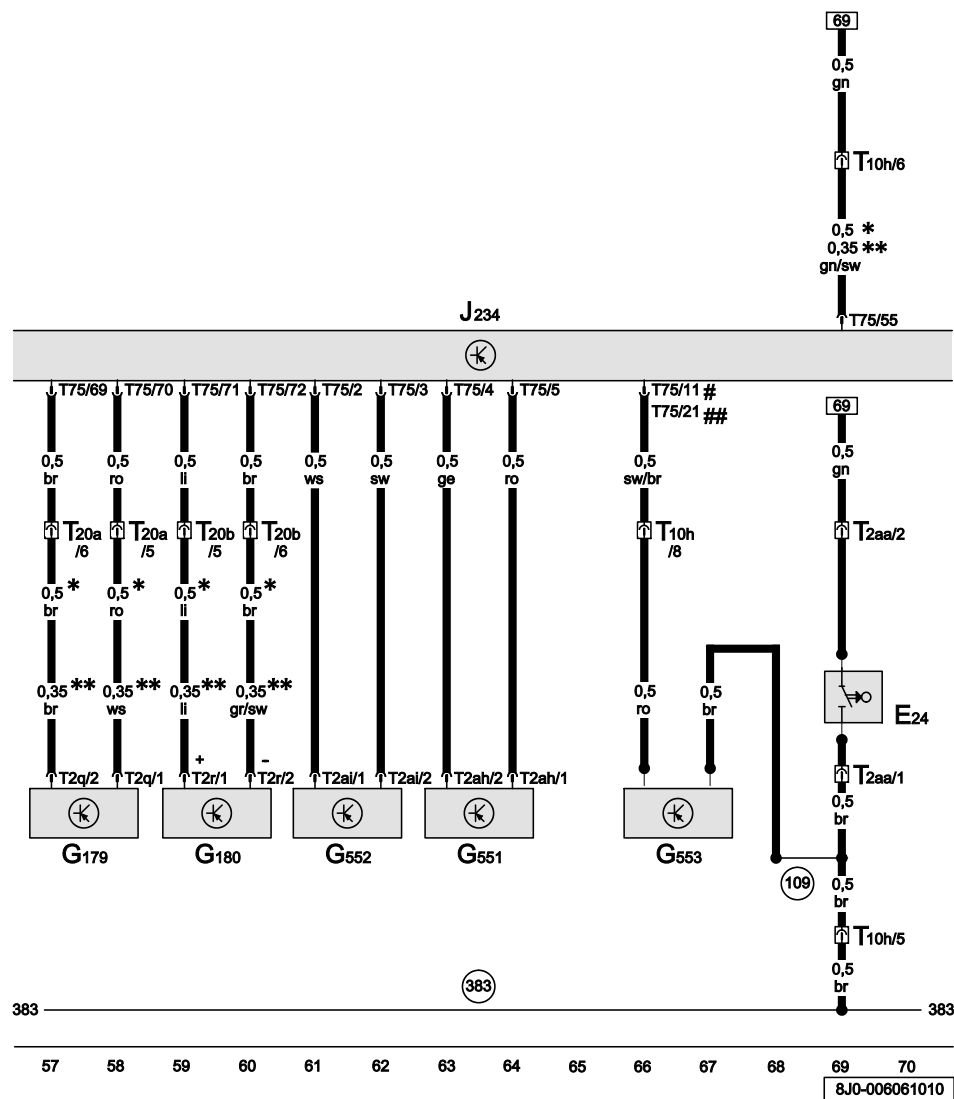
Airbag control unit, driver side belt switch, side airbag crash sensor on driver side and front passenger, driver side and front passenger belt force limiter

- E24 Driver side belt switch
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G551 Driver side belt force limiter
- G552 Front passenger side belt force limiter
- G553 Driver side seat position sensor
- J234 Airbag control unit
- T2q 2-pin connector, yellow, in driver door
- T2r 2-pin connector, yellow, in front passenger door
- T2aa 2-pin connector, in driver seat
- T2ah 2-pin connector, purple, on driver side belt force limiter
- T2ai 2-pin connector, purple, on front passenger side belt force limiter
- T10h 10-pin connector, black, under driver seat
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T75 75-pin connector, yellow, on airbag control unit

109 Earth connection, in airbag wiring harness

383 Earth connection 18, in main wiring harness

- * up to May 2009
- ** from June 2009
- # up to May 2010
- ## from June 2010



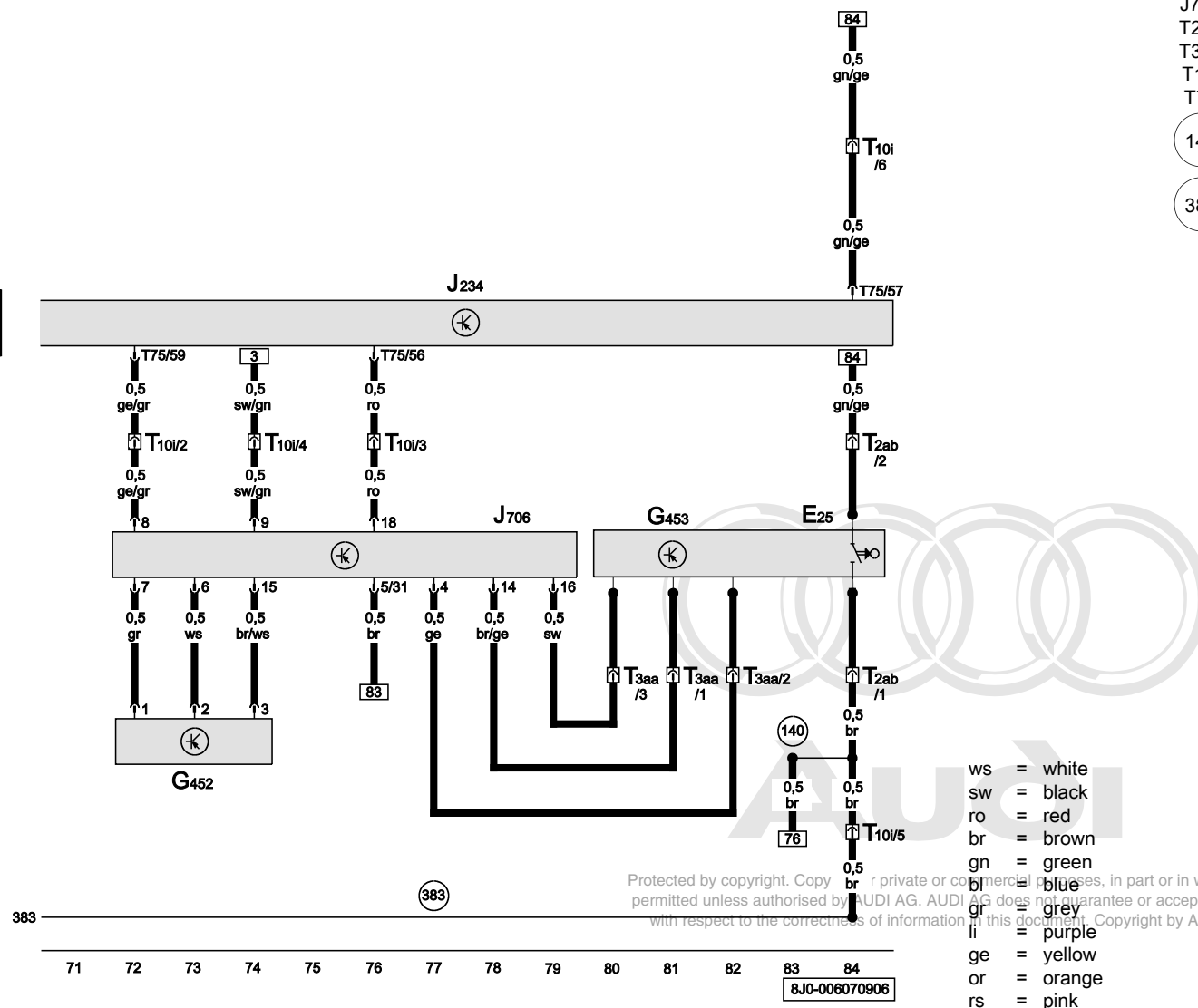
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit, seat occupied recognition control unit, pressure sensor for seat occupied recognition, seat belt force sensor for seat occupied recognition, front passenger side belt switch

- E25 Front passenger side belt switch
- G452 Pressure sensor for seat occupied recognition
- G453 Seat belt force sensor for seat occupied recognition
- J234 Airbag control unit
- J706 Seat occupied recognition control unit
- T2ab 2-pin connector, in front passenger seat
- T3aa 3-pin connector, in front passenger seat
- T10i 10-pin connector, black, under front passenger seat
- T75 75-pin connector, yellow, on airbag control unit

140 Earth connection 2, in seat adjuster wiring harness

383 Earth connection 18, in main wiring harness



Air conditioning system

⇒ Heater (9AA)

⇒ Air conditioning system (9AK)

from model year 2007

Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

⇒ List of Fitting Locations!

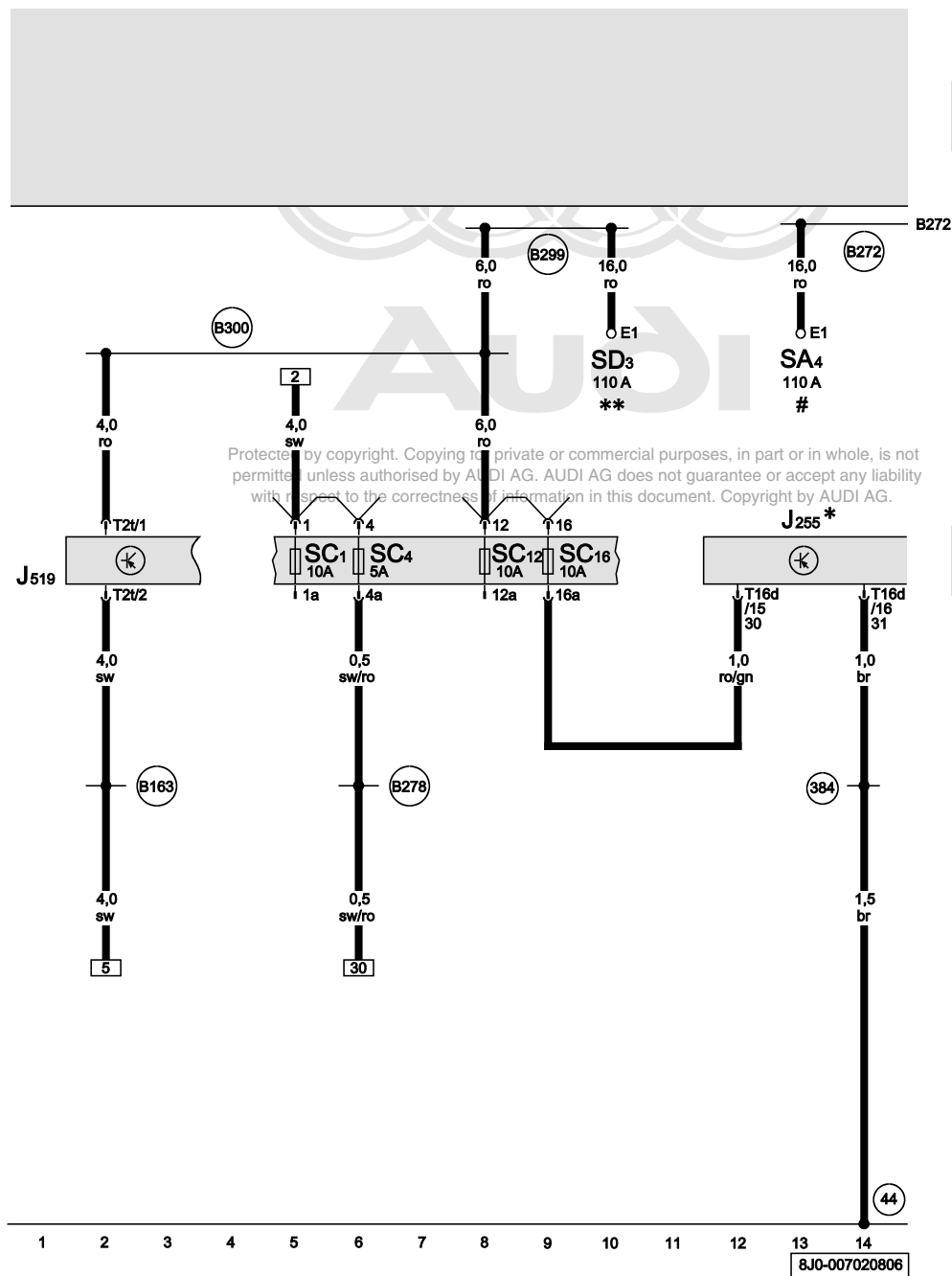
For information concerning

◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Climatronic control unit, fuses

- J255 Climatronic control unit
- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * Operating unit for air conditioning
- ** main fuse box, in luggage compartment, rear right, on the battery
- # Main fuse holder, electronics box, in front left engine compartment

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, fresh air blower control unit, fresh air blower

- E230 Heated rear window button
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T10l 10-pin connector, black, behind the dash panel on right
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20k 20-pin connector, connector B, on Climatronic control unit
- V2 Fresh air blower

43 Earth point, lower part of right A-pillar

B272 Positive connection (30), in main wiring harness

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

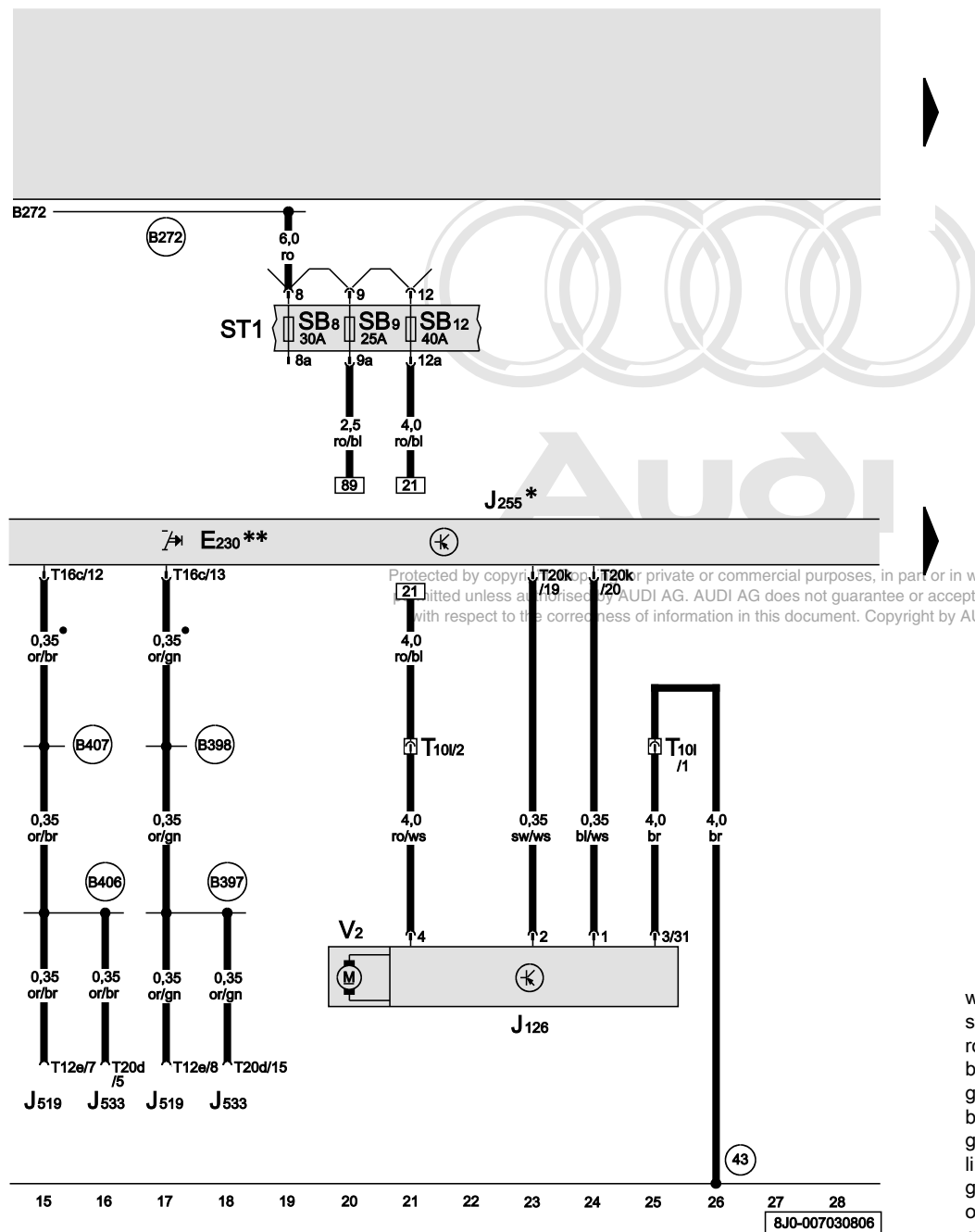
B398 Connection 2 (convenience CAN bus, high), in main wiring harness

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

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

- CAN bus (data wire)
- * Operating unit for air conditioning
- ** Operation for heated rear window via CAN bus, heated rear window see CFD basic equipment

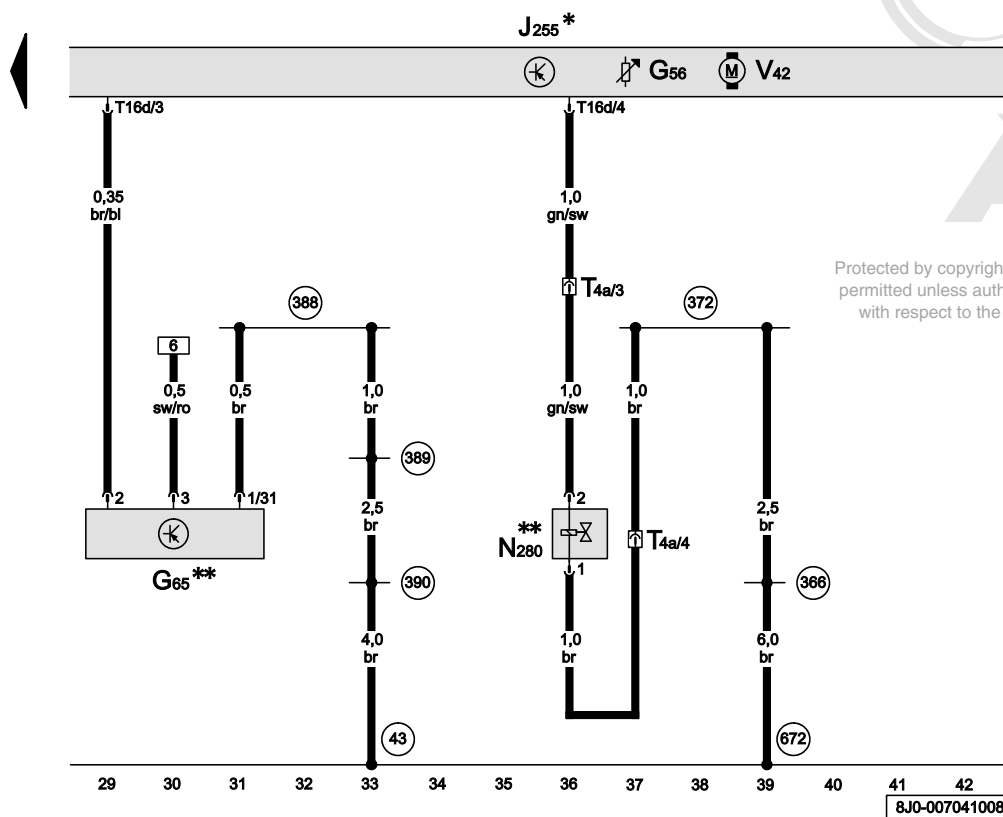
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Climatronic control unit, dash panel temperature sensor, high pressure sender, compressor regulating valve, air conditioning system compressor regulating valve, temperature sensor blower

- G56 Dash panel temperature sensor
- G65 High pressure sender
- J255 Climatronic control unit
- N280 Air conditioning system compressor regulating valve
- T4a 4-pin connector, black, in front left engine compartment
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- V42 Temperature sensor blower

- 43 Earth point, lower part of right A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee correctness of liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Operating unit for air conditioning not for Heater (9AA)

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

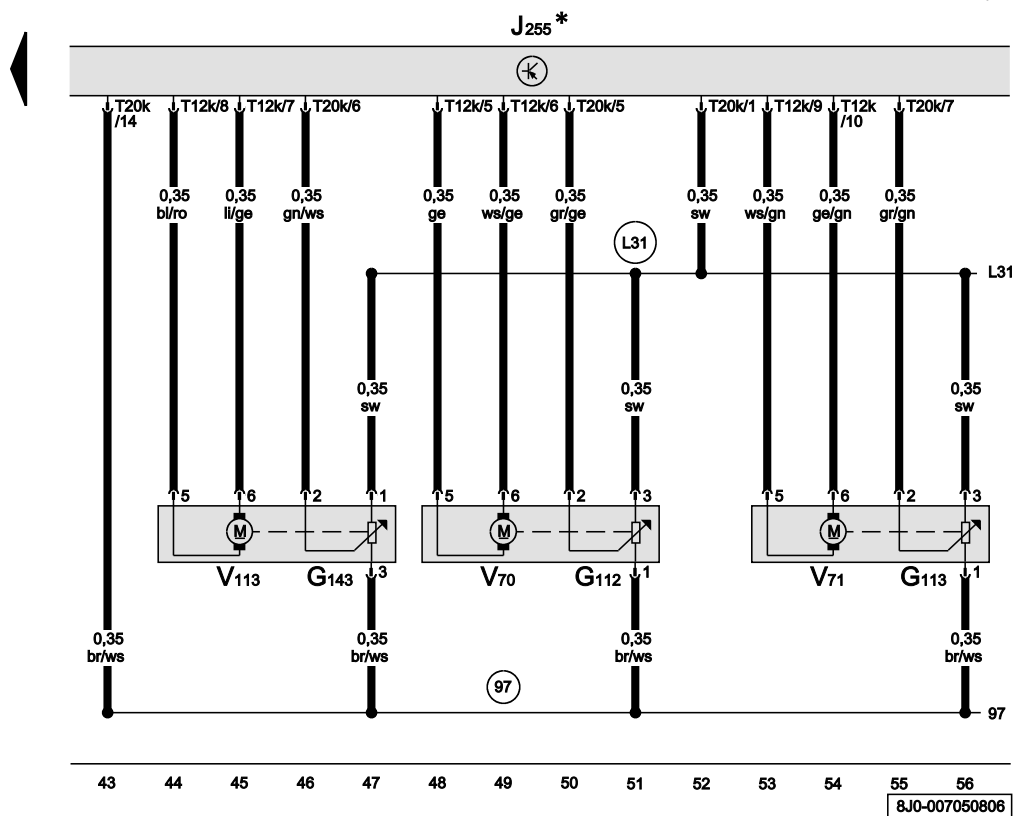
8J0-007041008

Climatronic control unit, potentiometer for centre flap control motor, potentiometer for air flow flap control motor, potentiometer for air recirculation flap control motor

- G112 Central flap control motor potentiometer
- G113 Air flow flap control motor potentiometer
- G143 Air recirculation flap control motor potentiometer
- J255 Climatronic control unit
- T12k 12-pin connector, connector A, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit
- V70 Central flap control motor
- V71 Air flow flap control motor
- V113 Air recirculation flap control motor
- 97 Earth connection 1, in air conditioning system wiring harness
- L31 Connection (5V), in air conditioning system wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Operating unit for air conditioning



- 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, potentiometer for defroster flap control motor, potentiometer for left temperature flap control motor, potentiometer for right temperature flap control motor

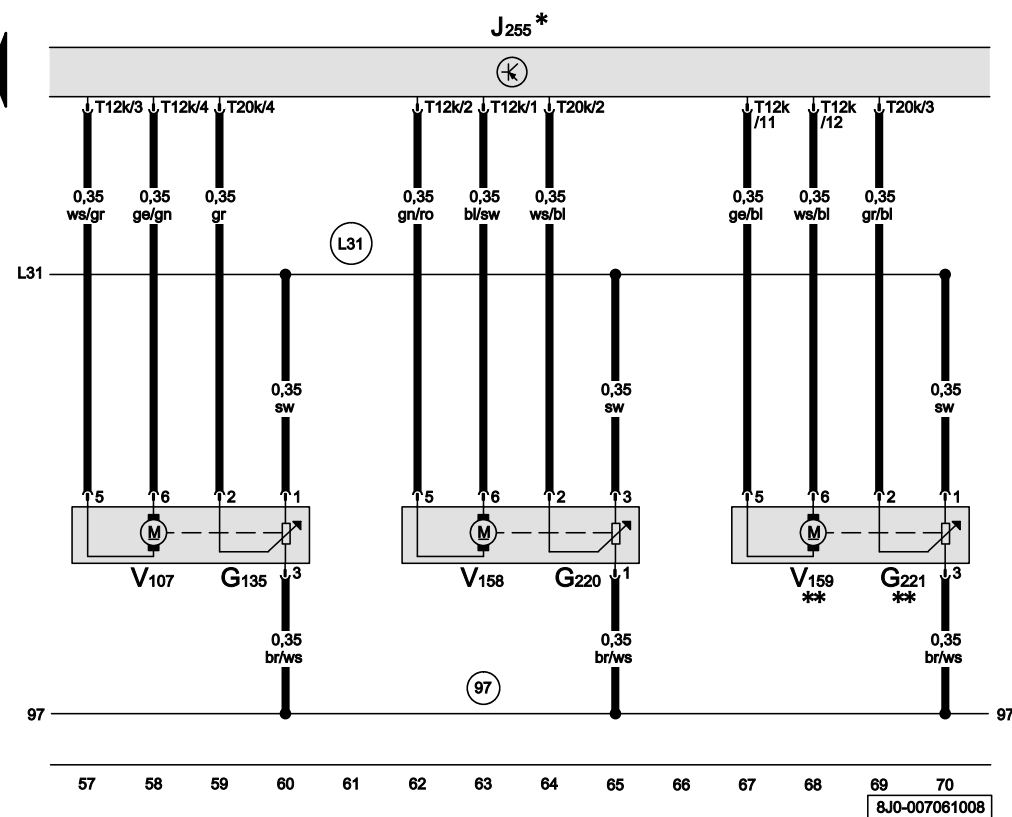
- G135 Defroster flap control motor potentiometer
- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit
- T12k 12-pin connector, connector A, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit
- V107 Defroster flap control motor
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

97 Earth connection 1, in air conditioning system wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document.

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

- * Operating unit for air conditioning
- ** not for Heater (9AA)



- 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, sunlight penetration photosensor, left and right footwell vent temperature sender, evaporator output temperature sender, front left and right chest vent temperature sensor

- G107 Sunlight penetration photosensor
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G263 Evaporator out-flow temperature sender
- G385 Front left chest vent temperature sensor
- G386 Front right chest vent temperature sensor
- J255 Climatronic control unit
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit

97 Earth connection 1, in air conditioning system wiring harness

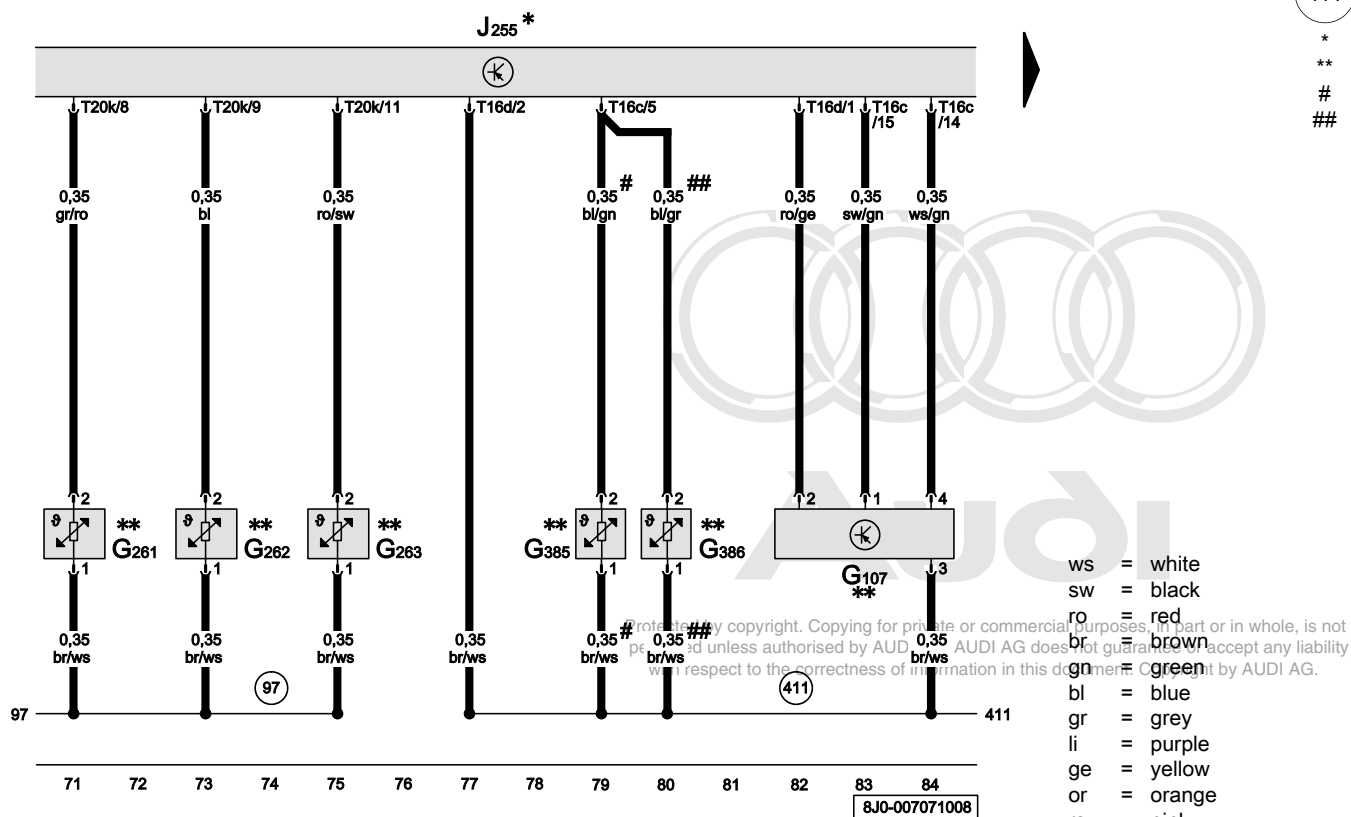
411 Earth connection 2 (sender earth), in main wiring harness

* Operating unit for air conditioning

** not for Heater (9AA)

left-hand drive only

right-hand drive only

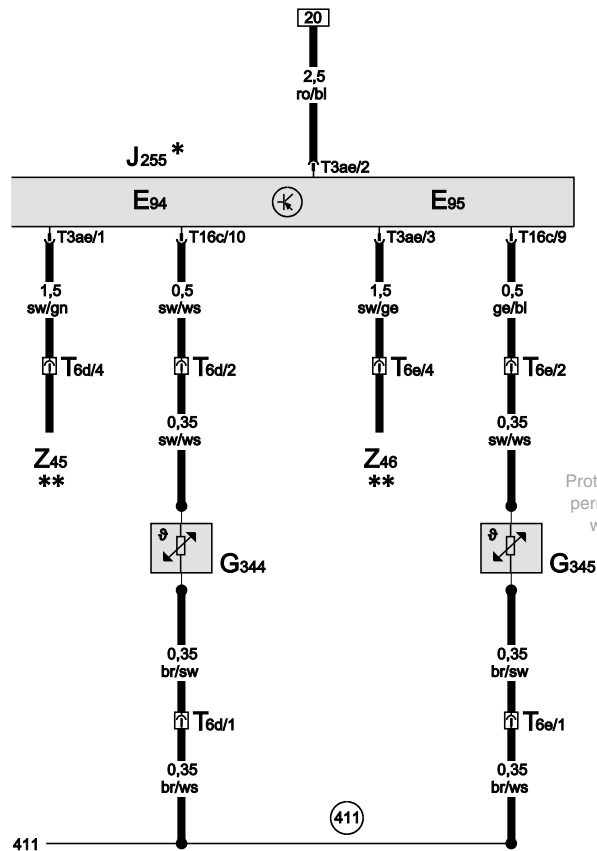


Climatronic control unit, heated driver and front passenger seat regulator, front left and right seat temperature sender, front left and right seat heating

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- G344 Front left seat temperature sender
- G345 Front right seat temperature sender
- J255 Climatronic control unit
- T3ae 3-pin connector, black, connector E, on Climatronic control unit
- T6d 6-pin connector, green, under driver seat
- T6e 6-pin connector, green, under front passenger seat
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- Z45 Front left seat heating
- Z46 Front right seat heating

411 Earth connection 2 (sender earth), in main wiring harness

- * Operating unit for air conditioning
- ** models with heated seat, see seat heater Current Flow Diagram



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Convenience system

- ⇒ Electrically adjustable and heated exterior mirrors
- ⇒ Coming Home
- ⇒ Anti-theft alarm system
- ⇒ Window regulator
- ⇒ Adjustable rear spoiler
- ⇒ Central locking

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

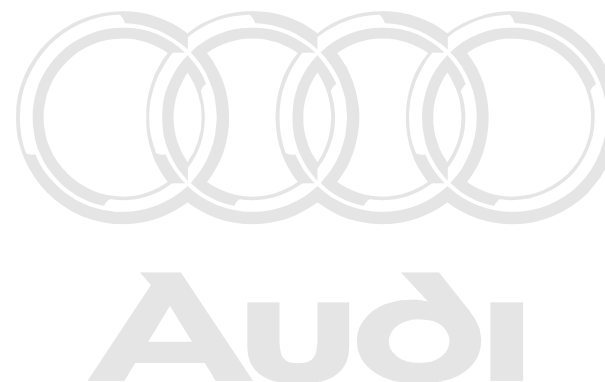
- ◆ Earth connections

- ⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Driver door control unit, fuses

- J386 Driver door control unit
- SC12 Fuse 12 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T20a 20-pin connector, black, in the front left door
- T20f 20-pin connector, connector A, on driver door control unit

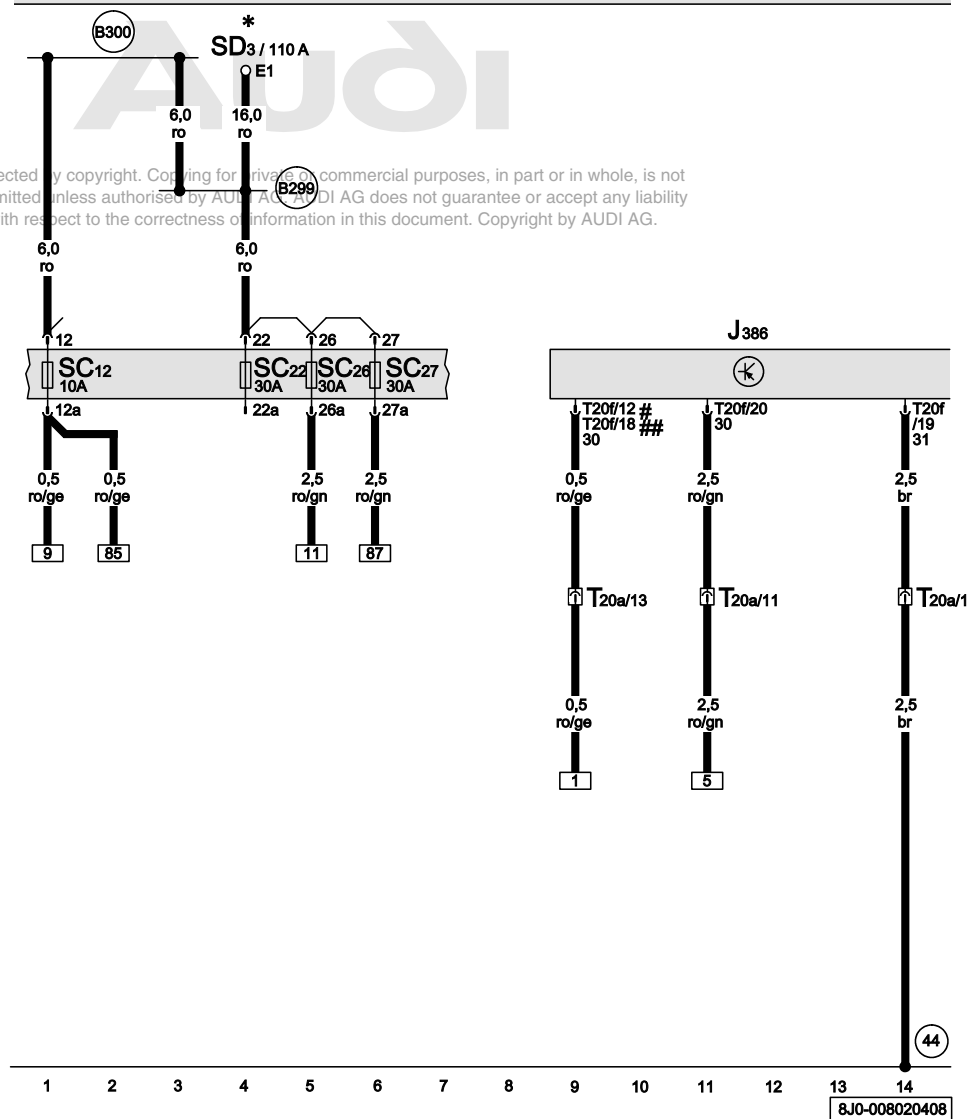
44 Earth point, lower part of left A-pillar

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

* main fuse box, in luggage compartment, rear right, on the battery
 # up to May 2007
 ## from June 2007

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

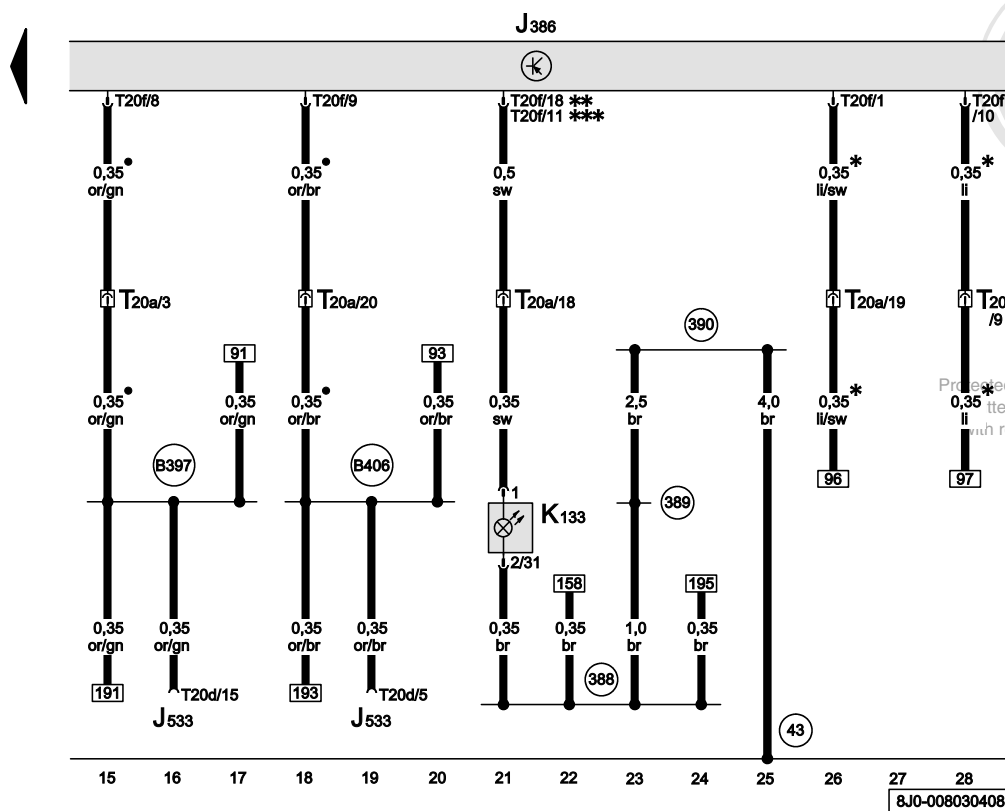


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Driver door control unit, central locking deadlock function warning lamp

- J386 Driver door control unit
- J533 Data bus diagnostic interface
- K133 Central locking deadlock function warning lamp
- T20a 20-pin connector, black, in the front left door
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20f 20-pin connector, connector A, on driver door control unit

- 43 Earth point, lower part of right A-pillar
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, 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
- CAN bus (data wire)
- * models with automatic anti-dazzle mirror up to May 2007
- ** from June 2007



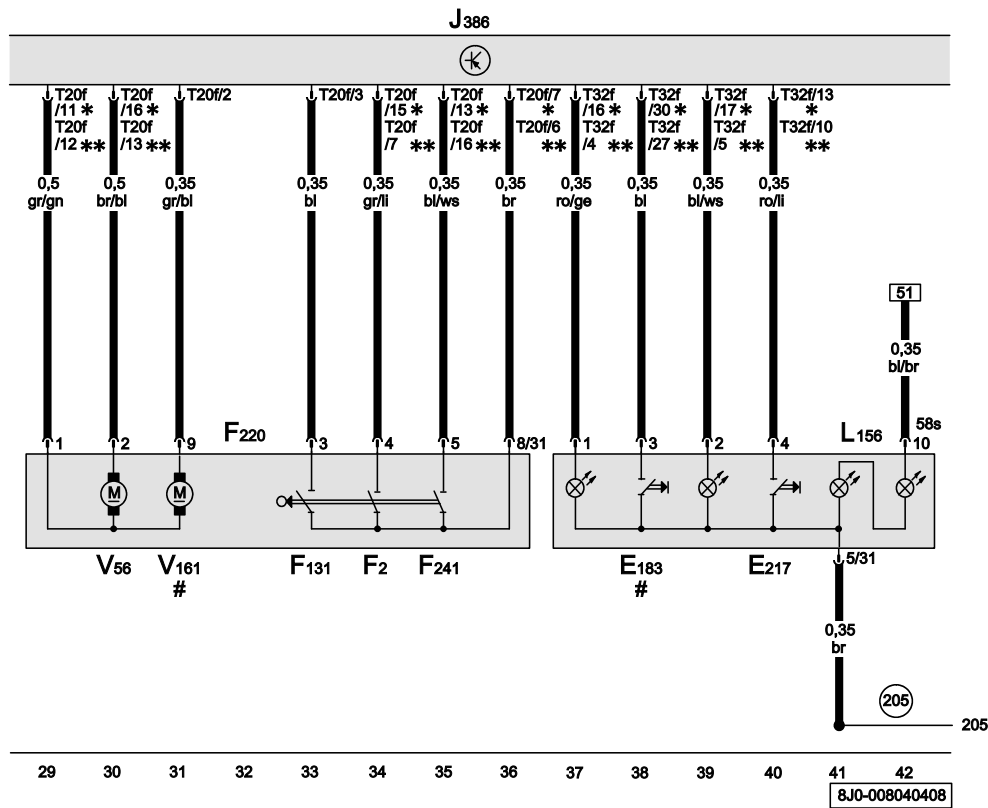
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Driver door control unit, driver side central locking lock unit, driver door contact switch, alarm system off switch, interior monitoring deactivation switch

- E183 Interior monitoring deactivation switch
- E217 Alarm system off switch
- F2 Driver door contact switch
- F131 Front left central locking actuator
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- J386 Driver door control unit
- L156 Switch illumination bulb
- T20f 20-pin connector, connector A, on driver door control unit
- T32f 32-pin connector, connector C, on driver door control unit
- V56 Driver door central locking motor
- V161 Driver door central locking deadlock function motor

205 Earth connection, in driver door wiring harness

- * up to May 2007
- ** from June 2007
- # not USA



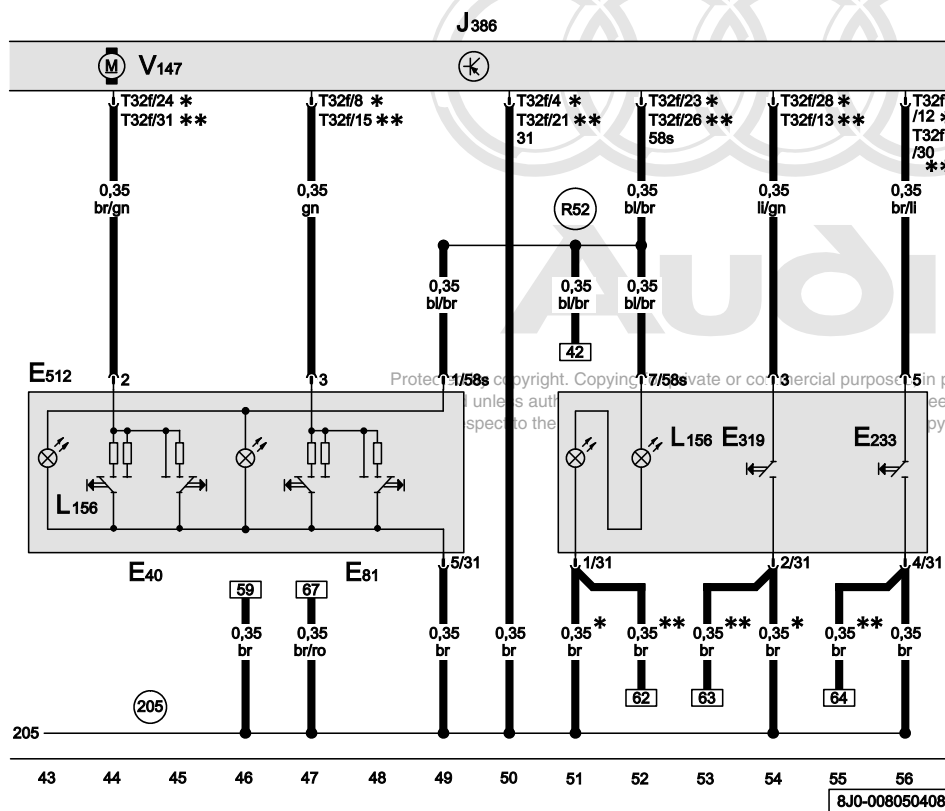
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Driver door control unit, operating unit for window regulator in driver door, rear lid remote release button, front left window regulator switch, fuel tank flap release button

- E40 Front left window regulator switch
- E81 Front right window regulator switch in driver door
- E233 Rear lid remote release button
- E319 Fuel tank flap release button
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit
- L156 Switch illumination bulb
- T32f 32-pin connector, connector C, on driver door control unit
- V147 Driver side window regulator motor

- 205 Earth connection, in driver door wiring harness
- R52 Connection (58s), in driver side door wiring harness

* up to May 2007
** from June 2007

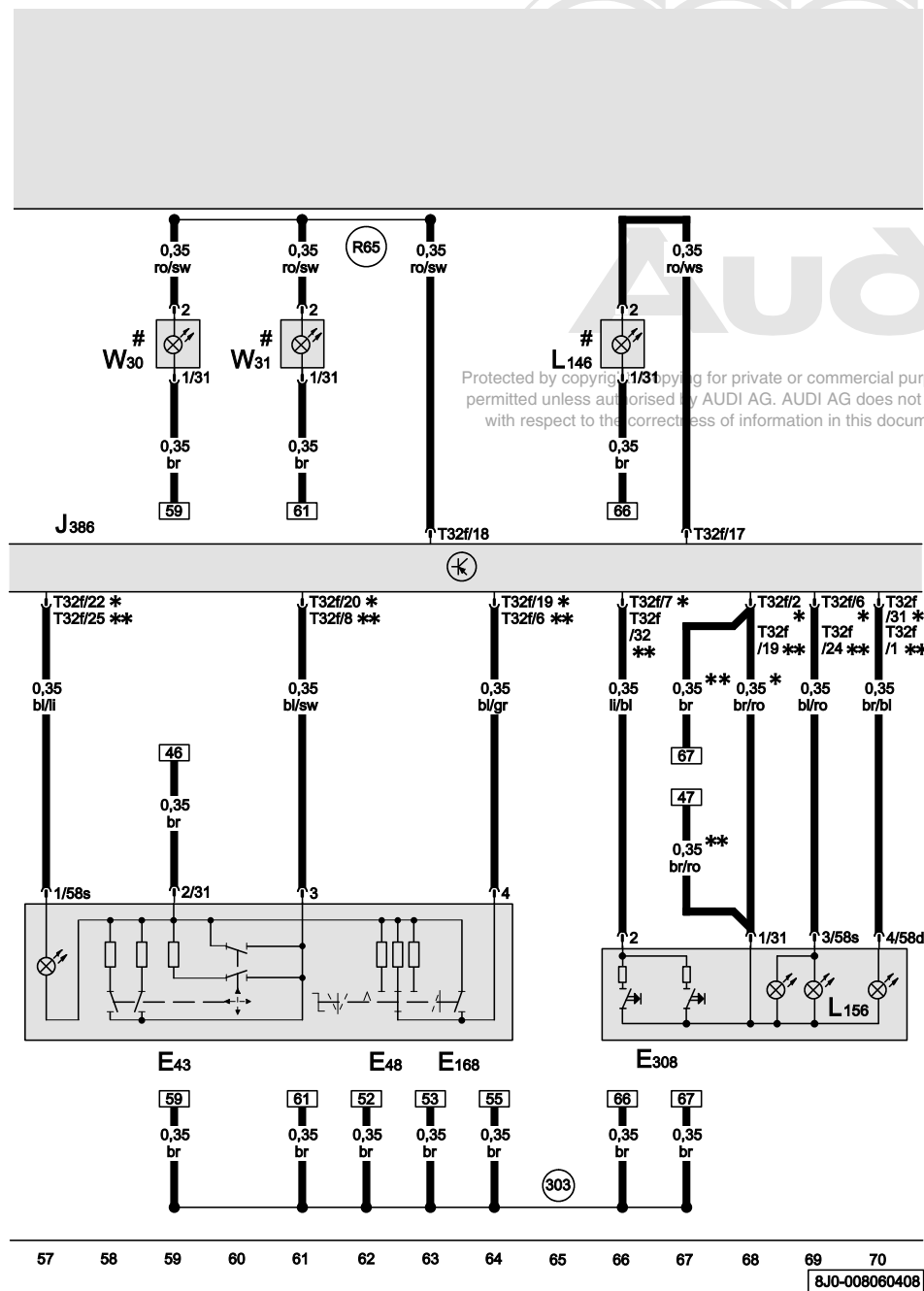


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Driver door control unit, mirror adjustment switch, mirror adjustment change-over switch, adjustment switch for mirror with fold-in feature, driver side interior locking button for central locking system

- E43 Mirror adjustment switch
- E48 Mirror adjustment change-over switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button
- J386 Driver door control unit
- L146 Driver side door inner handle illumination bulb
- L156 Switch illumination bulb
- T32f 32-pin connector, connector C, on driver door control unit
- W30 Driver side door warning lamp
- W31 Front left entry light

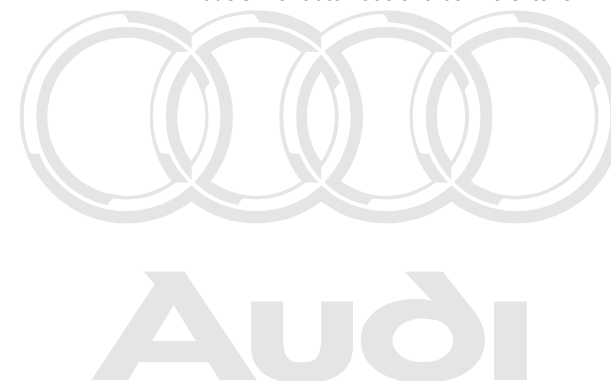
- 303 Earth connection 3, in driver door wiring harness
- R65 Positive connection (58), in driver door wiring harness
- * up to May 2007
- ** from June 2007
- # Models with LED equipment (QQ1)



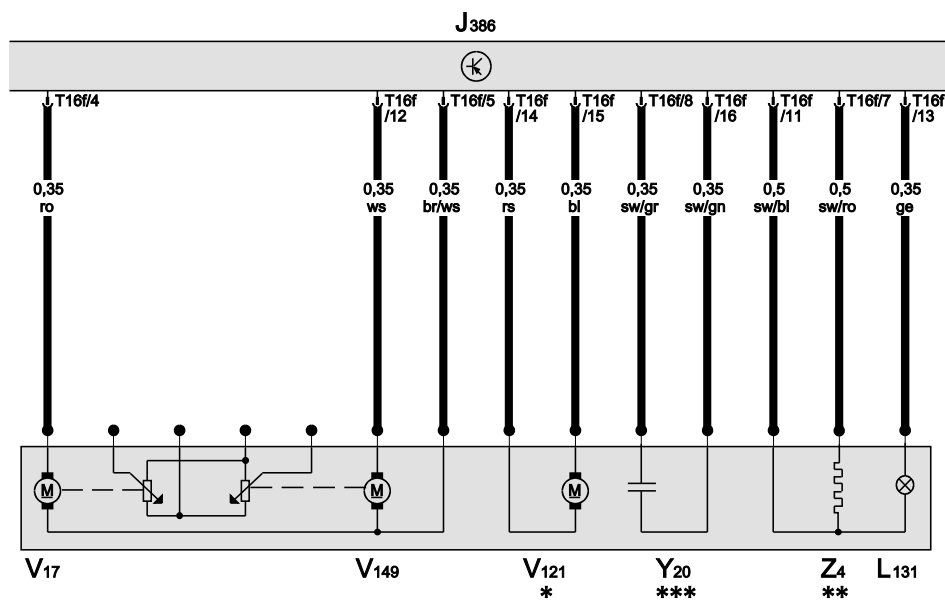
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Driver door control unit, driver side exterior mirror turn signal bulb, driver side mirror adjustment motor, driver side fold-in mirror motor, driver side mirror adjustment motor, driver side automatic anti-dazzle exterior mirror, driver side anti-dazzle exterior mirror

- J386 Driver door control unit
- L131 Driver side exterior mirror turn signal bulb
- T16f 16-pin connector, connector B, on driver door control unit
- V17 Driver side mirror adjustment motor
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Driver side automatic anti-dazzle exterior mirror
- Z4 Driver side heated exterior mirror
- * mirror with fold-in feature
- ** models with mirror heating
- *** models with automatic anti-dazzle exterior mirror



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



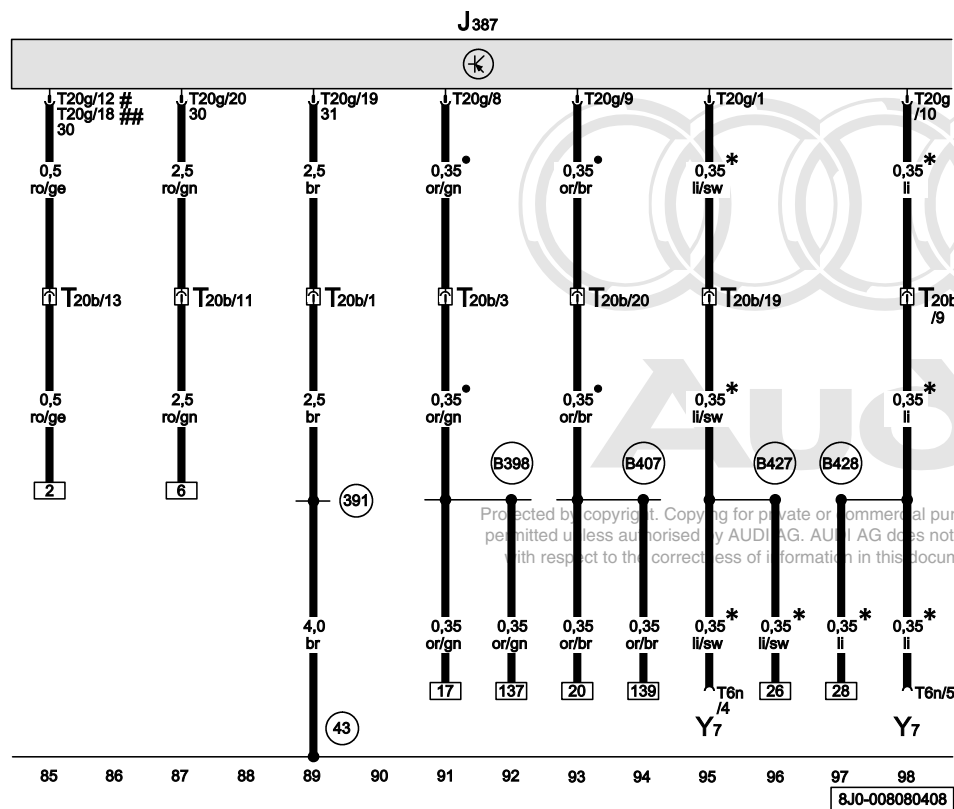
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Front passenger door control unit, automatic anti-dazzle interior mirror

- J387 Front passenger door control unit
- T6n 6-pin connector, black, on interior mirror
- T20b 20-pin connector, black, in the front right door
- T20g 20-pin connector, connector A, on front passenger door control unit
- Y7 Automatic anti-dazzle interior mirror

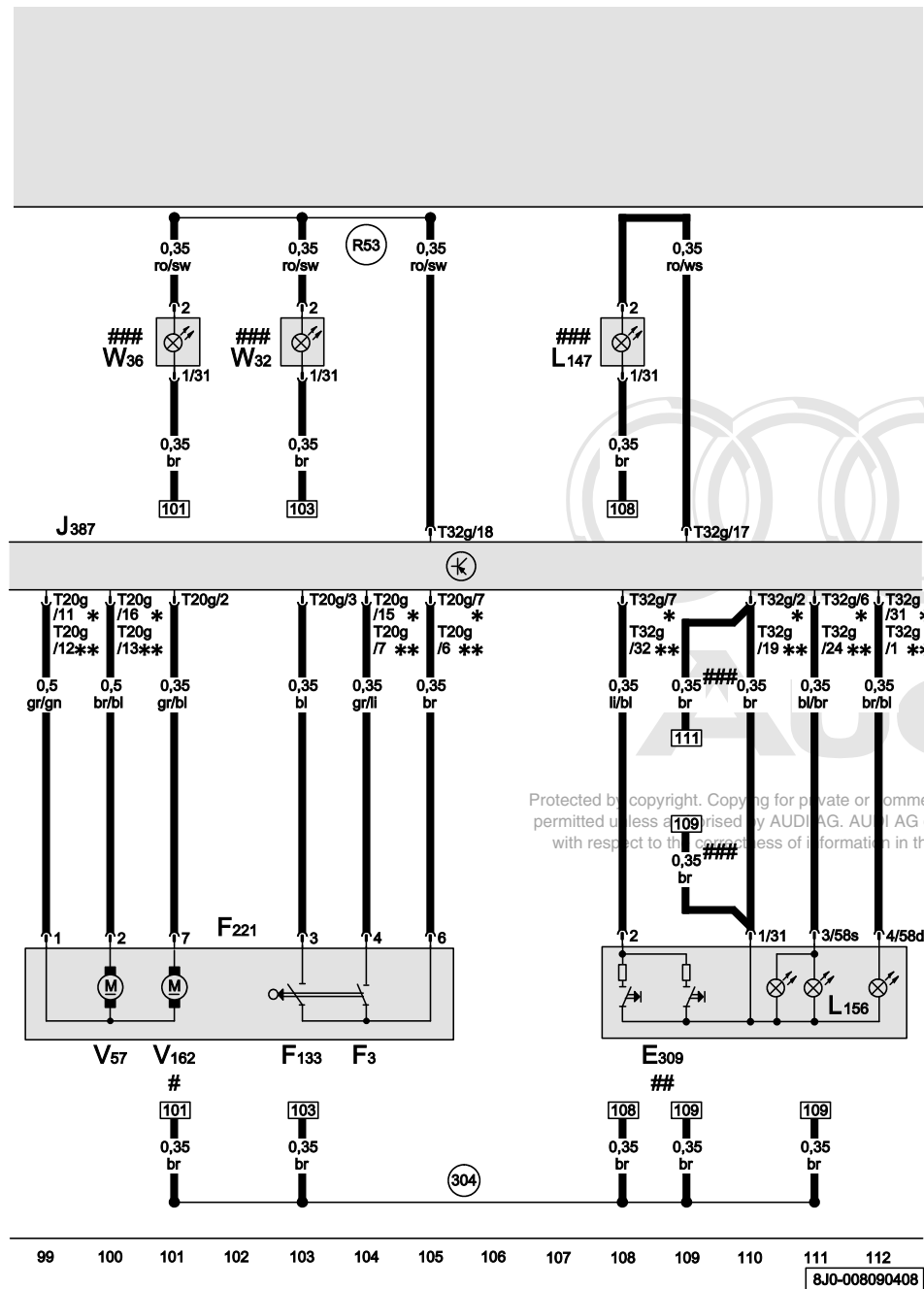
- 43 Earth point, lower part of right A-pillar
- 391 Earth connection 26, in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B427 Connection 1 (mirror signal), in main wiring harness
- B428 Connection 2 (mirror signal), in main wiring harness

- CAN bus (data wire)
- * models with automatic anti-dazzle mirror
- # up to May 2007
- ## from June 2007



Front passenger door control unit, front passenger side central locking lock unit, front passenger side interior locking button for central locking system, front passenger door contact switch

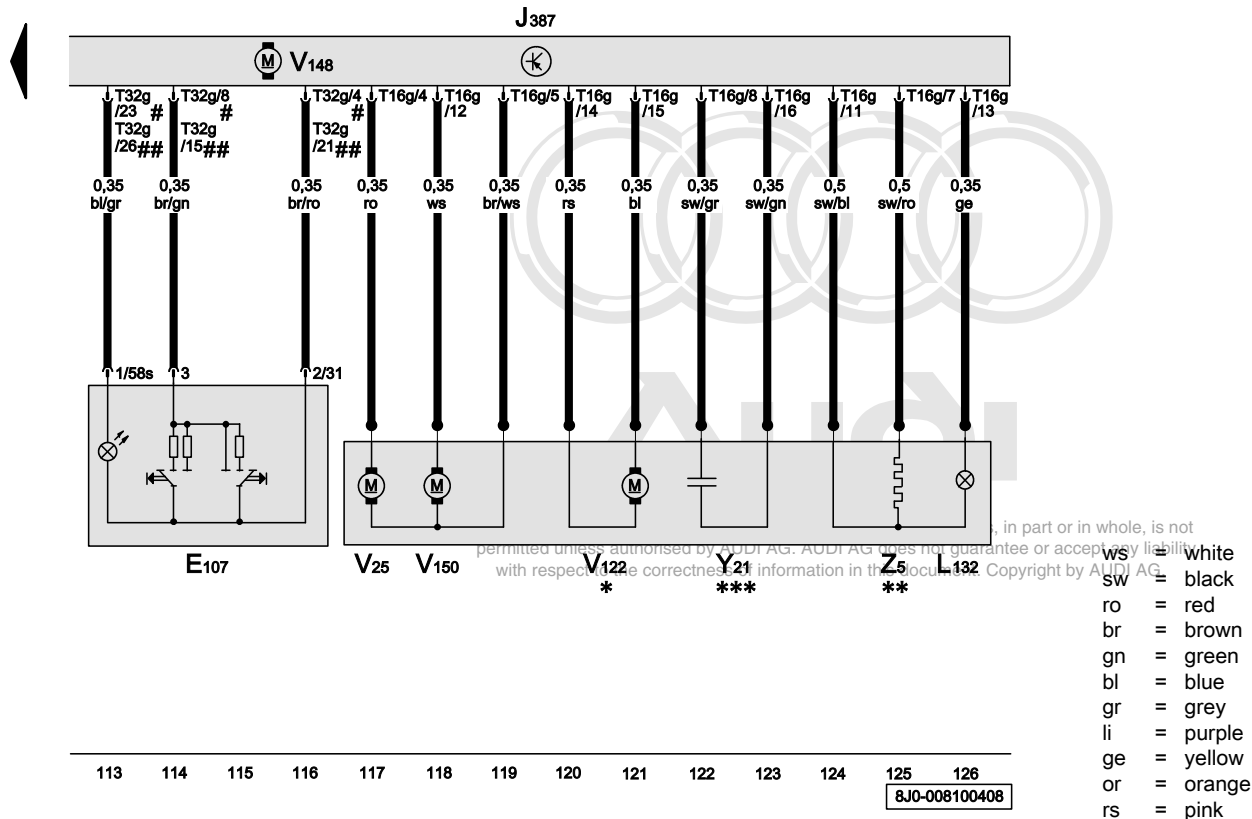
- E309 Front passenger side interior locking button
- F3 Front passenger door contact switch
- F133 Front right central locking actuator
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- L147 Front passenger side door inner handle illumination bulb
- L156 Switch illumination bulb
- T20g 20-pin connector, connector A, on front passenger door control unit
- T32g 32-pin connector, connector C, on front passenger door control unit
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking deadlock function motor
- W32 Front right entry light
- W36 Front passenger side door warning lamp
- 304 Earth connection 3, in front passenger side door wiring harness
- R53 Connection (58s), in front passenger side door wiring harness
- * up to May 2007
- ** from June 2007
- # not USA
- ## only USA
- ### Models with LED equipment (QQ1)



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

Front passenger door control unit, window regulator switch in front passenger door, front passenger side mirror adjustment motor, front passenger side mirror adjustment motor, front passenger side fold-in mirror motor, front passenger side automatic anti-dazzle exterior mirror, front passenger side heated exterior mirror, front passenger side exterior mirror turn signal bulb

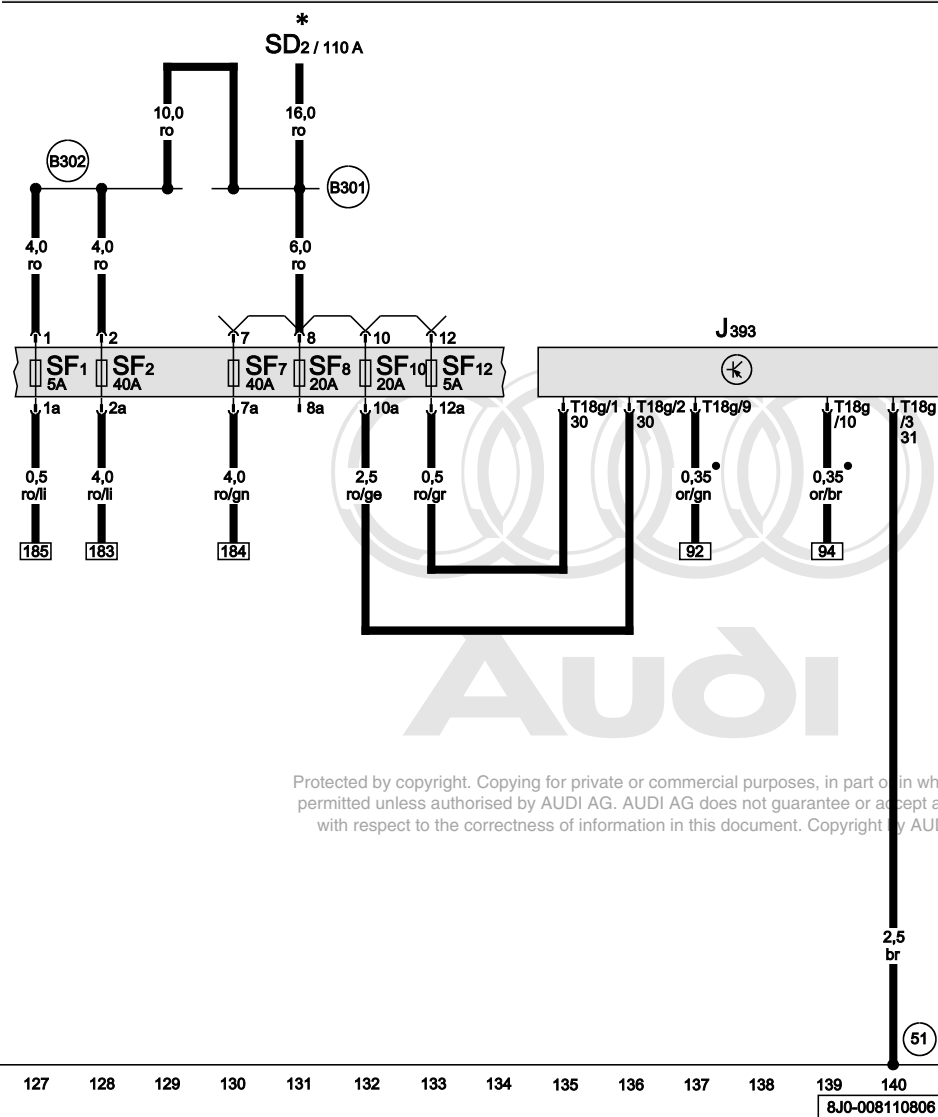
- E107 Window regulator switch in front passenger door
- J387 Front passenger door control unit
- L132 Front passenger side exterior mirror turn signal bulb
- T16g 16-pin connector, connector B, on front passenger door control unit
- T32g 32-pin connector, connector C, on front passenger door control unit
- V25 Front passenger side mirror adjustment motor
- V122 Front passenger side fold-in mirror motor
- V148 Front passenger side window regulator motor
- V150 Front passenger side mirror adjustment motor
- Y21 Front passenger side automatic anti-dazzle exterior mirror
- Z5 Front passenger side heated exterior mirror
- * mirror with fold-in feature
- ** models with mirror heating
- *** models with automatic anti-dazzle exterior mirror
- # up to May 2007
- ## from June 2007



Convenience system central control unit, fuses

- J393 Convenience system central control unit
- SD2 Fuse 2 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T18g 18-pin connector, brown, connector A, on convenience system central control unit

- 51 Earth point, on right in luggage compartment
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

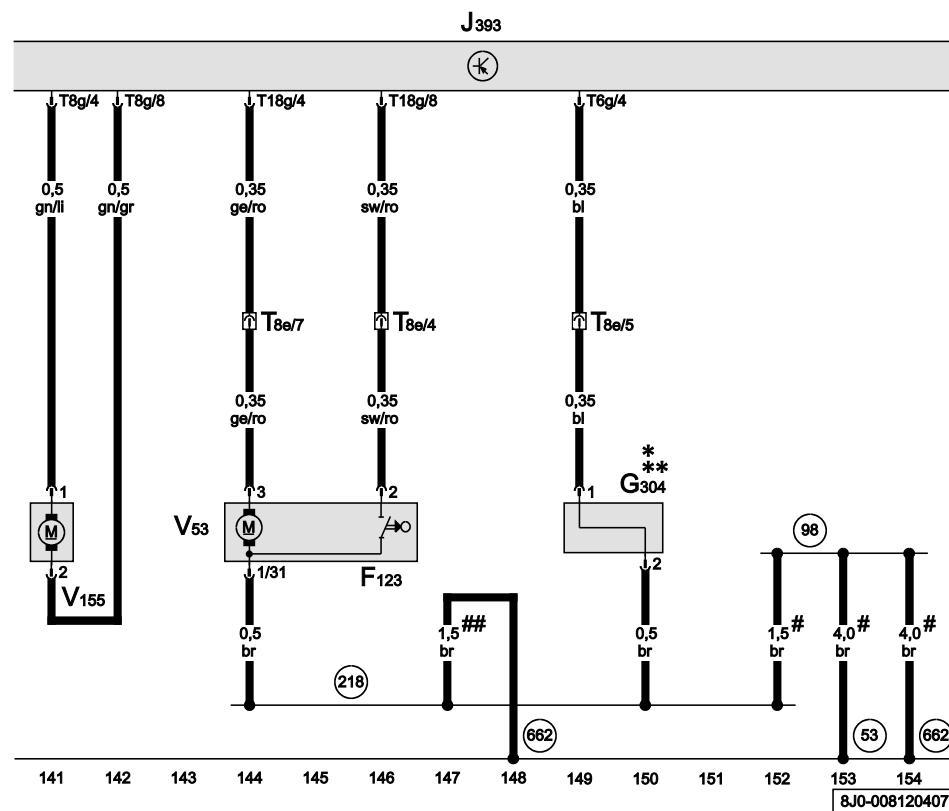


Convenience system central control unit, tank filler flap locking motor, rear lid contact switch for anti-theft alarm, rear lid central locking motor, glass breakage sensor for rear window

- F123 Rear lid contact switch for anti-theft alarm system
- G304 Glass breakage sensor for rear window
- J393 Convenience system central control unit
- T6g 6-pin connector, connector C, on convenience system central control unit
- T8e 8-pin connector, brown, in left side panel, to rear lid
- T8g 8-pin connector, black, connector B, on convenience system central control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- V53 Rear lid central locking motor
- V155 Tank filler flap locking motor

- 53 Earth point, on right in rear lid
- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 662 Earth point, rear left side panel
- * with anti-theft alarm system only
- ** Coupé only
- # up to May 2007
- ## from June 2007

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



Convenience system central control unit, alarm horn, anti-theft alarm sensor, aerial amplifier

- G273 Interior monitoring sensor
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J393 Convenience system central control unit
- R11 Aerial
- R24 Aerial amplifier
- R47 Central locking and anti-theft alarm system aerial
- R130 Rear window aerial 1
- SA4 Fuse 4 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T2ad 2-pin connector, grey, on right in luggage compartment
- T4p 4-pin connector, black, on interior monitoring sensor
- T6g 6-pin connector, connector C, on convenience system central control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit

44 Earth point, lower part of left A-pillar

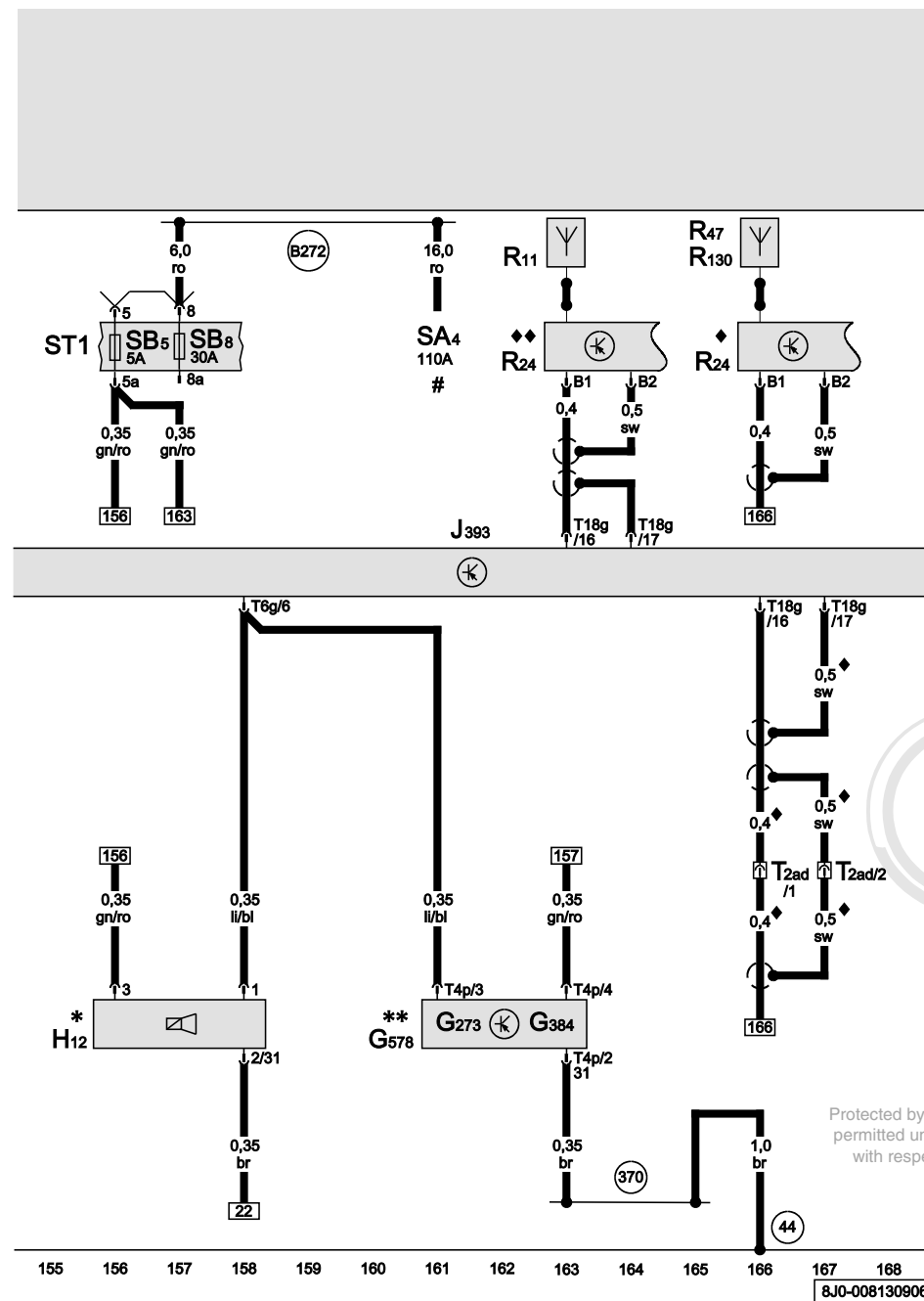
370 Earth connection 5, in main wiring harness

B272 Positive connection (30), in main wiring harness

- * models with anti-theft alarm
- ** models with interior monitor
- # Main fuse holder, electronics box, in front left engine compartment
- ◆ Coupé
- ◆◆ Roadster

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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

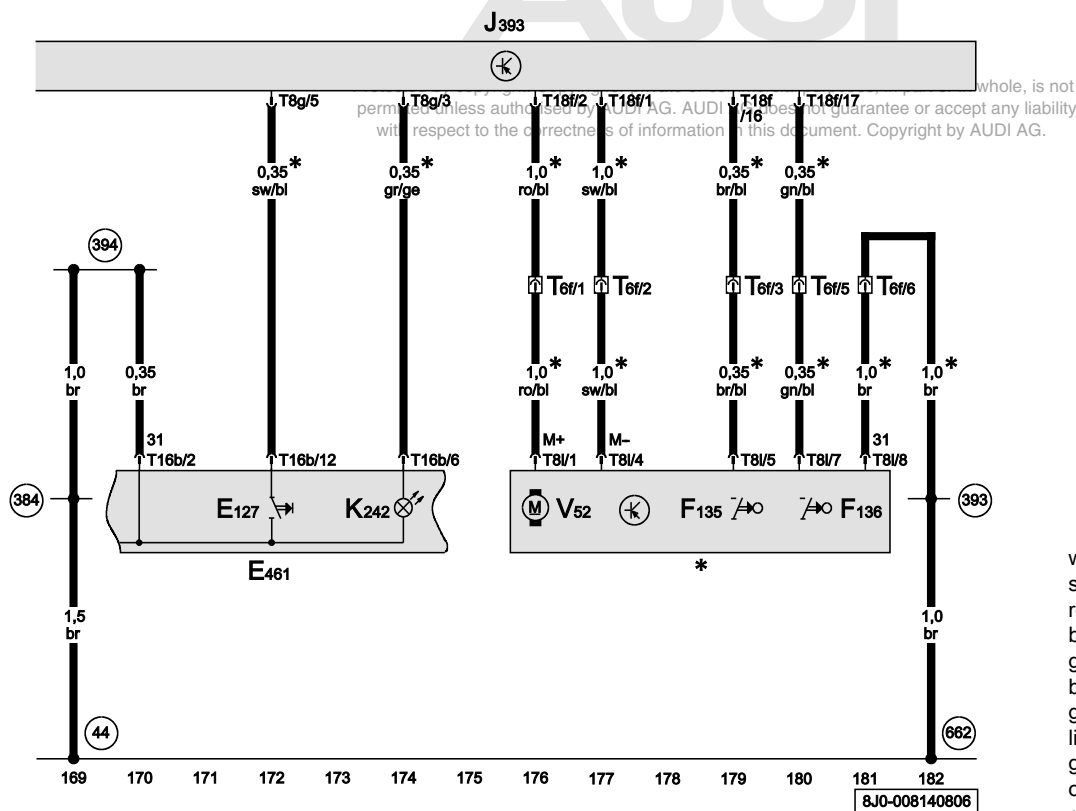


Convenience system central control unit, adjustable rear spoiler switch, rear spoiler position warning lamp, adjustable rear spoiler motor

- E127 Adjustable rear spoiler switch
- E461 Operating unit in front of centre console
- F135 Rear spoiler adjustment limit switch 1
- F136 Rear spoiler adjustment limit switch 2
- J393 Convenience system central control unit
- K242 Rear spoiler position warning lamp
- T6f 6-pin connector, black, left side panel
- T8g 8-connector, black, connector B, on convenience system central control unit
- T8l 8-connector, black, on rear spoiler
- T16b 16-pin connector, brown, on switch module centre console
- T18f 18-pin connector, black, connector D, on convenience system central control unit
- V52 Adjustable rear spoiler motor

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- 662 Earth point, rear left side panel

* models with adjustable rear spoiler

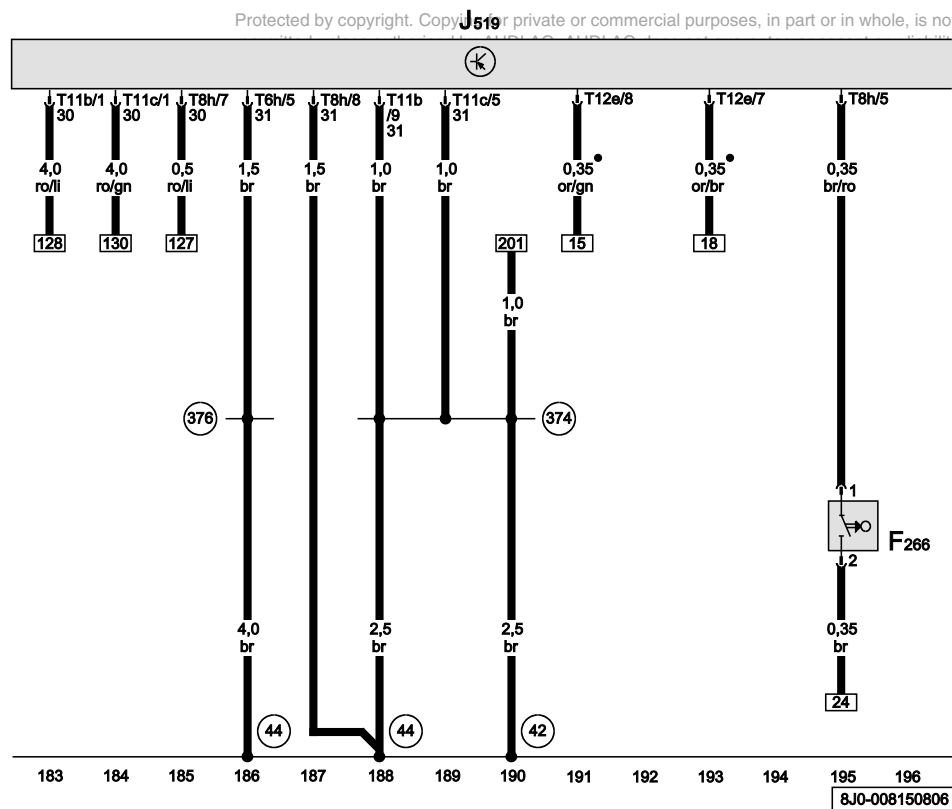


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, bonnet contact switch

- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T12e 12-pin connector, black, connector G, on onboard power supply control unit

- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- CAN bus (data wire)



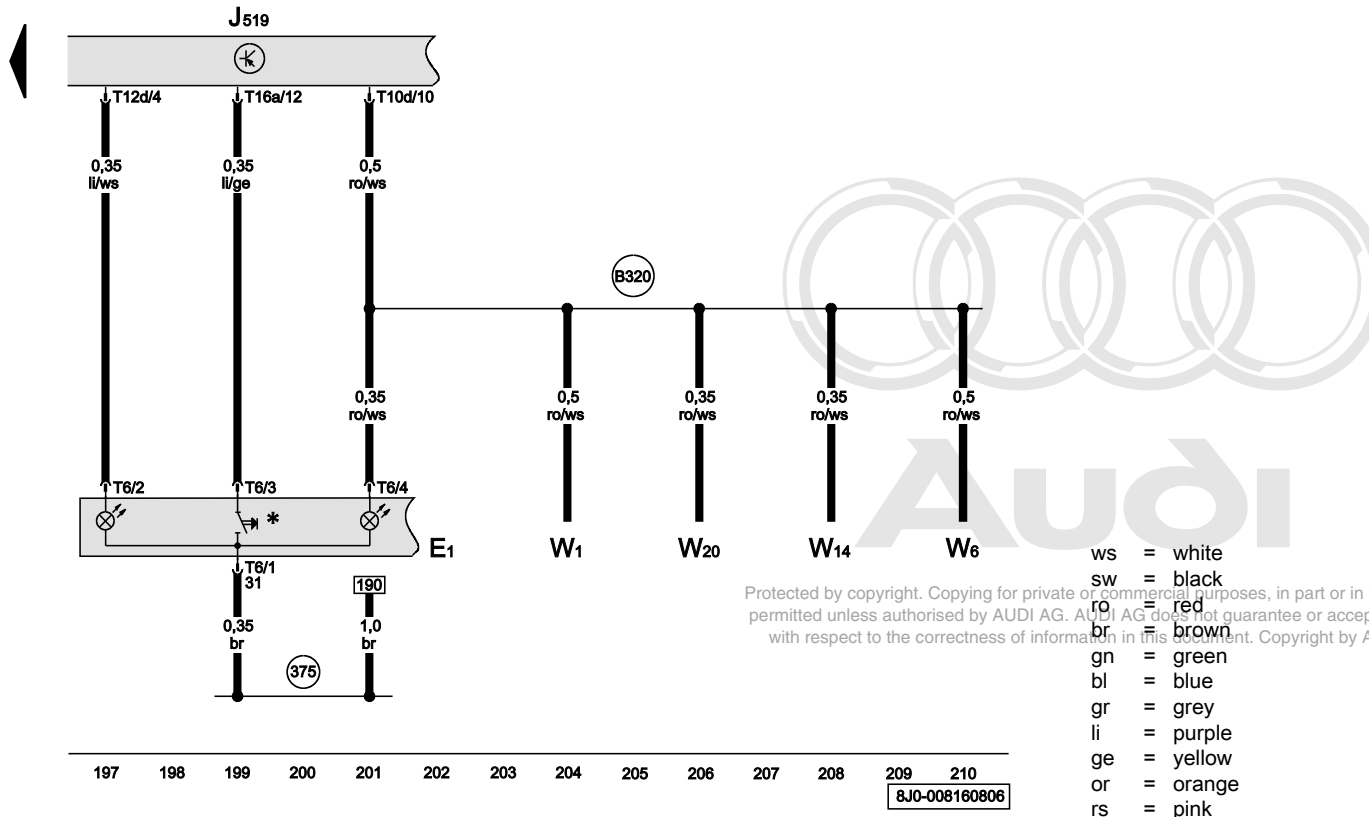
Onboard supply control unit, light switch

- E1 Light switch
- J519 Onboard supply control unit
- T6 6-pin connector, black, connector C, on light switch
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- T12d 12-pin connector, brown, connector C, on onboard supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- W1 Front interior light
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

375 Earth connection 10, in main wiring harness

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

* Coming Home switch



Anti-locking brake system (ABS) MK60 with traction control system (TCS) and electronic stability program (ESP)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

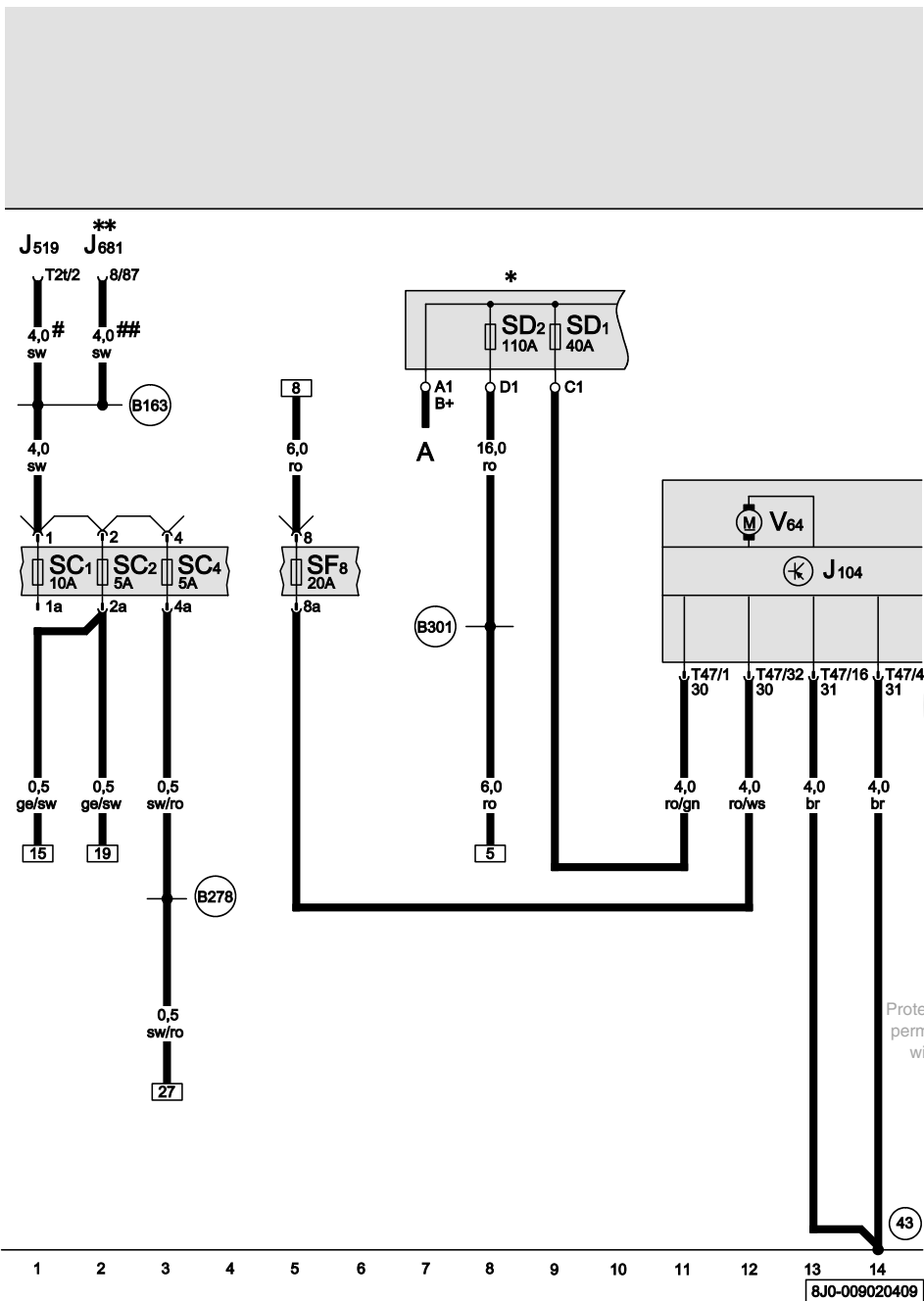
- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

ABS control unit, ABS hydraulic pump, fuses



- A Battery
- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T47 47-pin connector, on ABS control unit
- V64 ABS hydraulic pump
- 43 Earth point, lower part of right A-pillar
- B163 Positive connection 1 (15), in interior wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

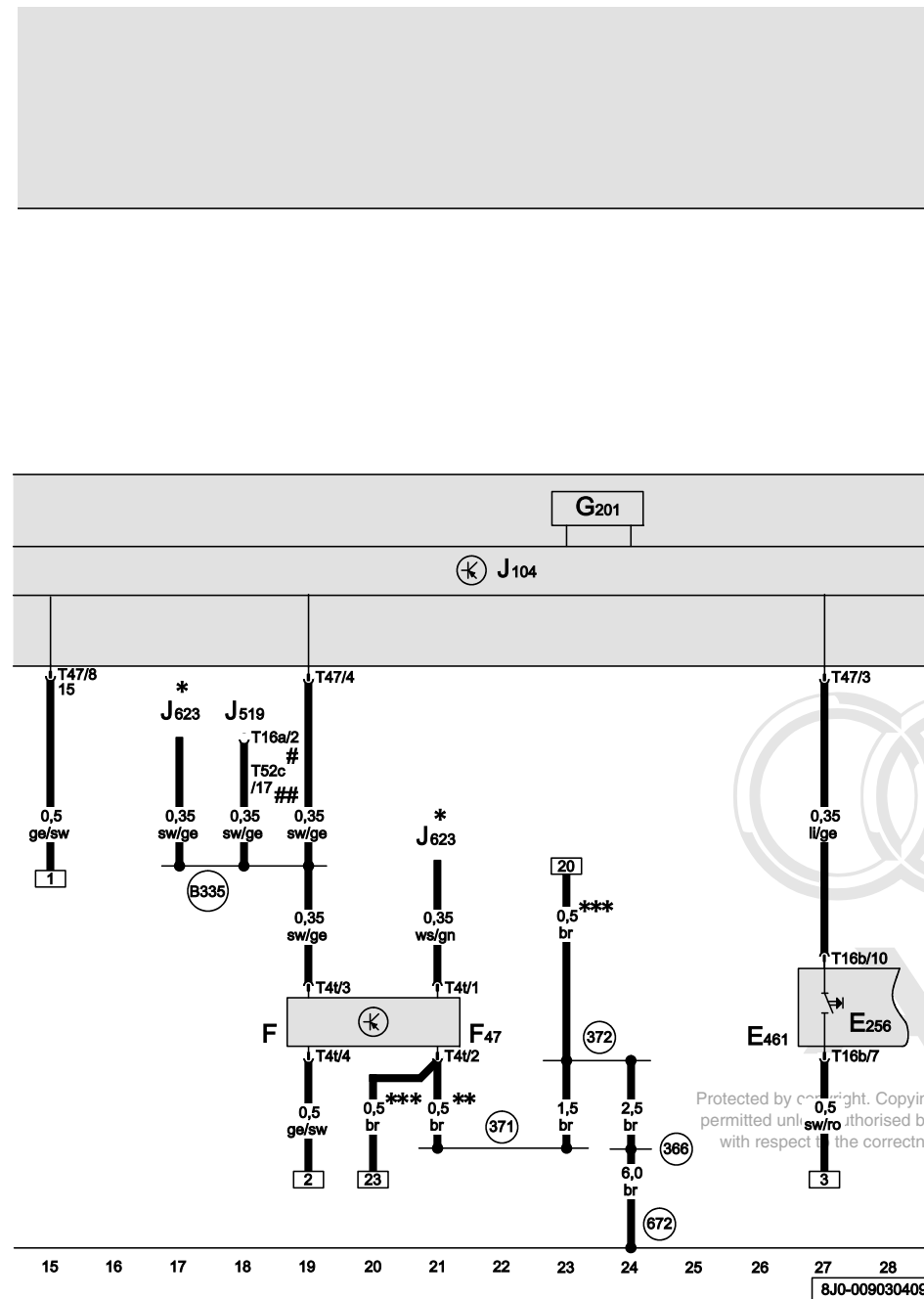
ABS control unit, brake light switch, brake pressure sender 1, TCS and ESP button

- E256 TCS and ESP button
- E461 Operating unit in front of centre console
- F Brake light switch
- F47 Brake pedal switch
- G201 Brake pressure sender 1
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T16b 16-pin connector, brown, on switch module centre console
- T47 47-pin connector, on ABS control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B335 Connection 1 (54), in main wiring harness

- * ⇒ Engine Current Flow Diagram
- ** up to May 2007
- *** from June 2007
- # up to May 2009
- ## from June 2009

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



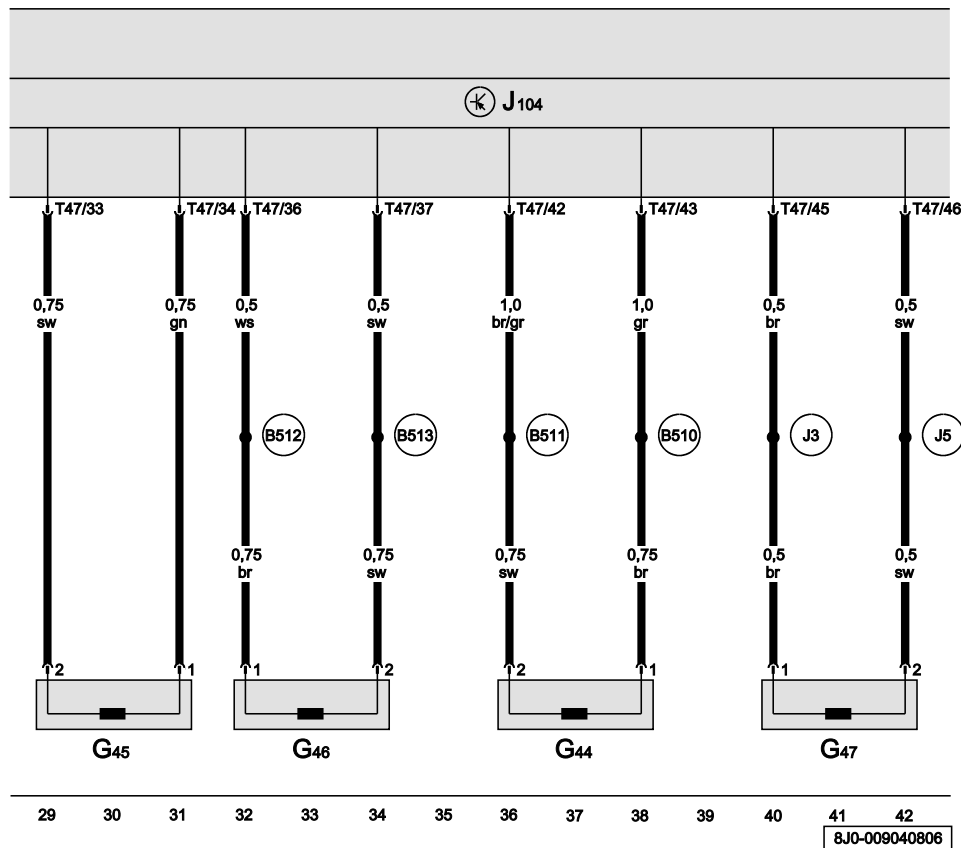
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

ABS control unit, rear right and left speed sensor, front right and left speed sensor

- 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, on ABS control unit

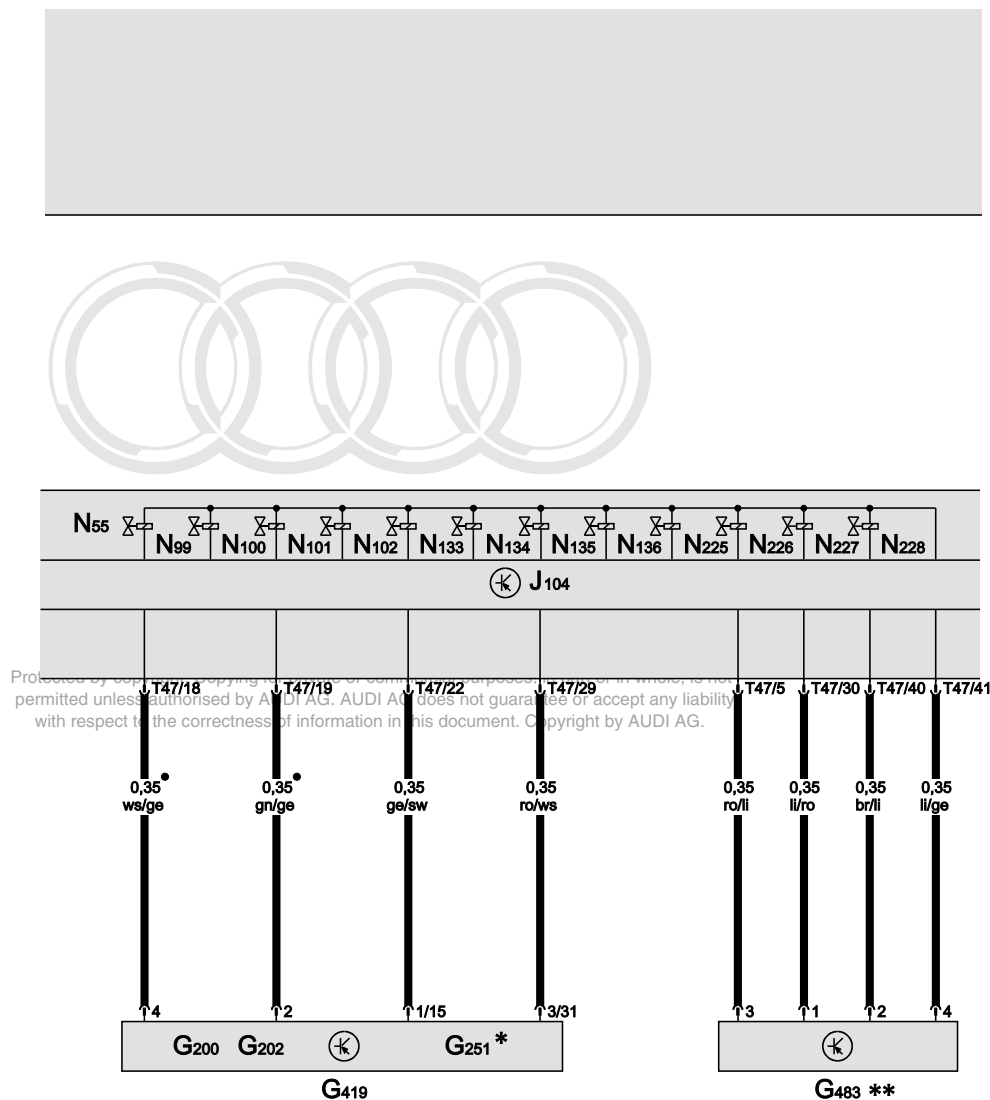
- B510 Connection 1 (rear right speed sensor), in interior wiring harness
- B511 Connection 2 (rear right speed sensor), in interior wiring harness
- B512 Connection 1 (rear left speed sensor), in interior wiring harness
- B513 Connection 2 (rear left speed sensor), in interior wiring harness
- J3 Connection 1, in ABS wiring harness
- J5 Connection 2, in ABS wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document.



ABS control unit, ABS hydraulic unit, ESP sensor unit, brake servo vacuum sender

- G200 Lateral acceleration sender
- G202 Yaw rate sender
- G251 Longitudinal acceleration sender
- G419 ESP sensor unit
- G483 Brake servo vacuum sender
- J104 ABS control unit
- N55 ABS hydraulic unit
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- N227 Vehicle stabilization program high pressure valve 1
- N228 Vehicle stabilization program high pressure valve 2
- T47 47-pin connector, on ABS control unit
 - CAN bus (data wire)
 - * models with four-wheel drive
 - ** 3.2 l engine only, engine code BUB



- 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, tyre pressure monitor control unit 2, CAN bus wiring

- J104 ABS control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J793 Tyre pressure monitor control unit 2
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T47 47-pin connector, on ABS control unit

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

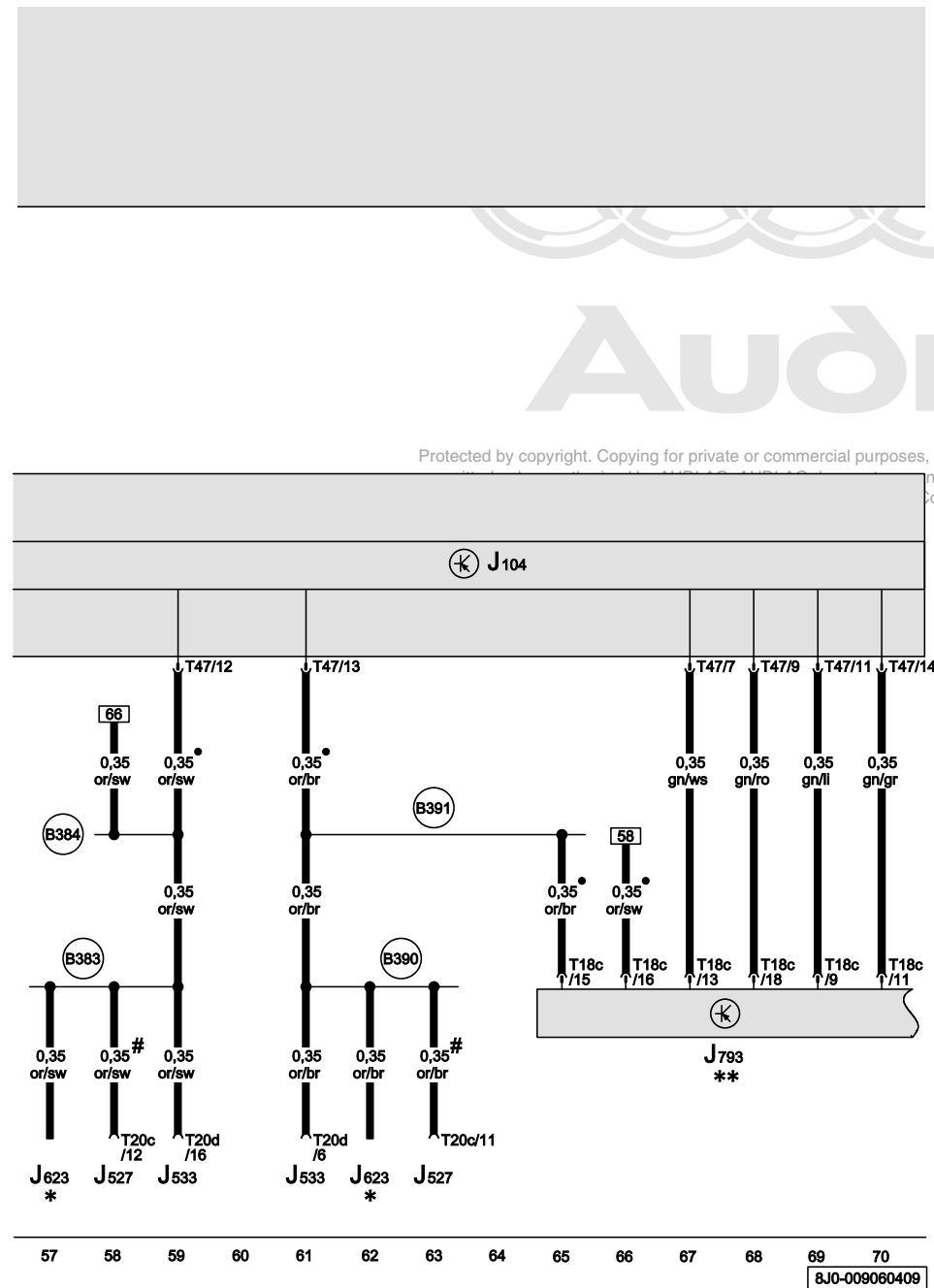
B384 Connection 2 (drive train CAN bus, high), in main wiring harness

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

B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram
- ** models with tyre pressure monitor
- # Is dropped from June 2009

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



Electric tyre pressure monitor

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

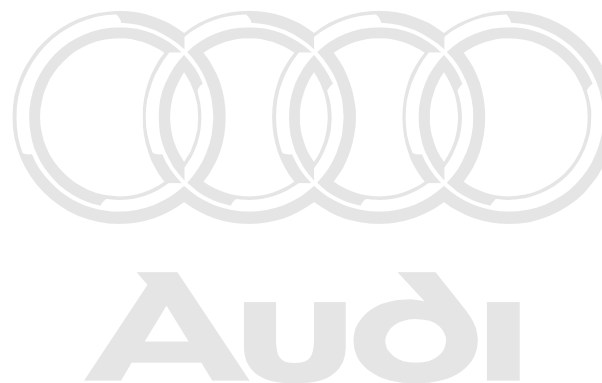
- ◆ Earth connections

⇒ List of Fitting Locations!

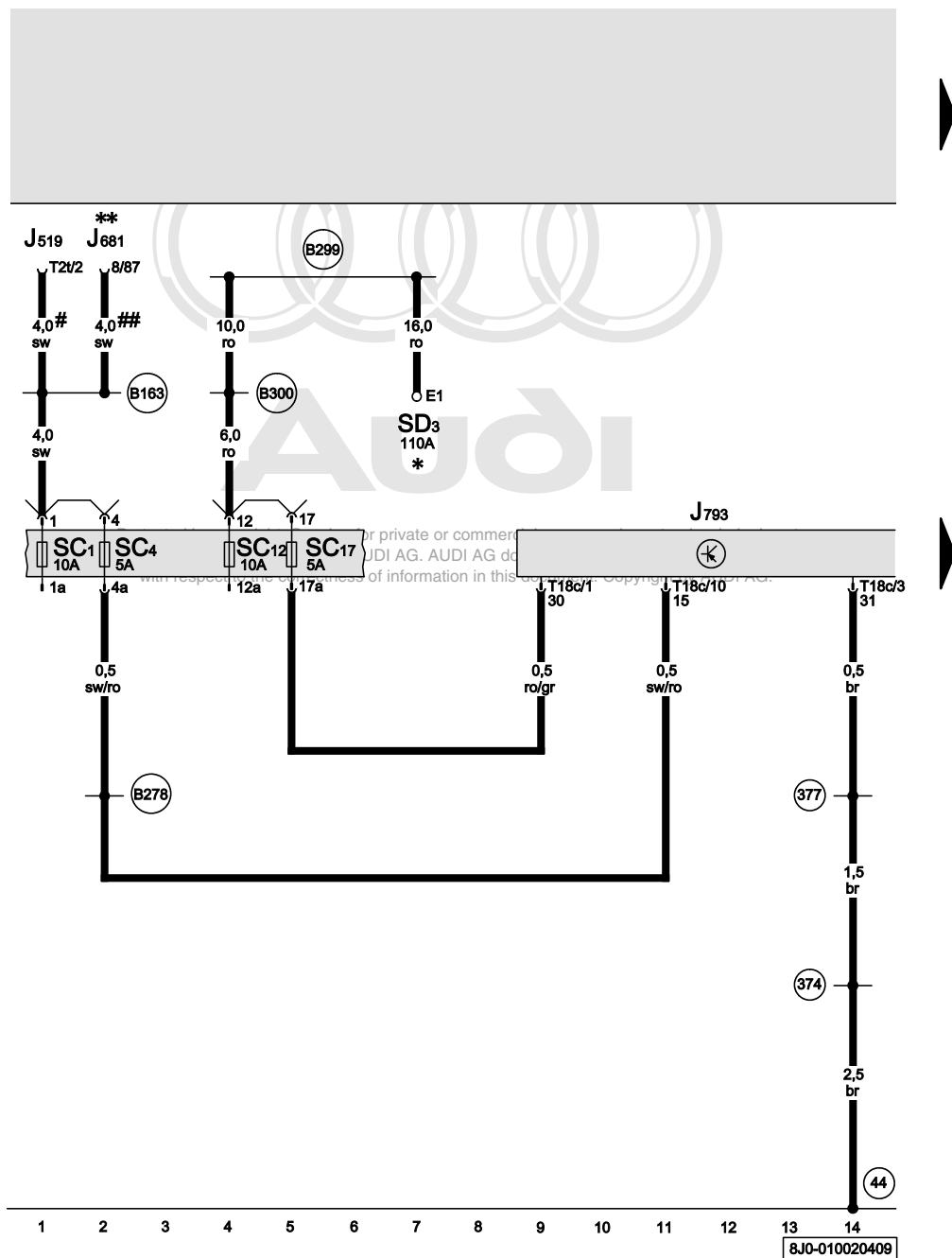
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Tyre pressure monitor control unit 2, fuses

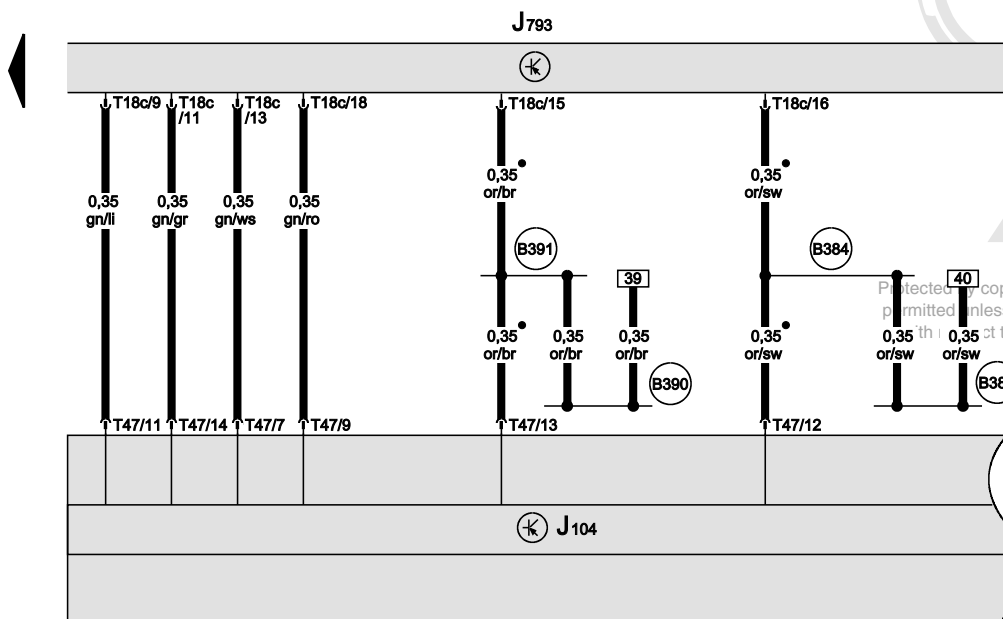
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J793 Tyre pressure monitor control unit 2
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009

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

Tyre pressure monitor control unit 2, ABS control unit

- J104 ABS control unit
- J793 Tyre pressure monitor control unit 2
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T47 47-pin connector, on ABS control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)



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

Tyre pressure monitor control unit 2, tyre pressure monitor button, tyre pressure monitor warning lamp

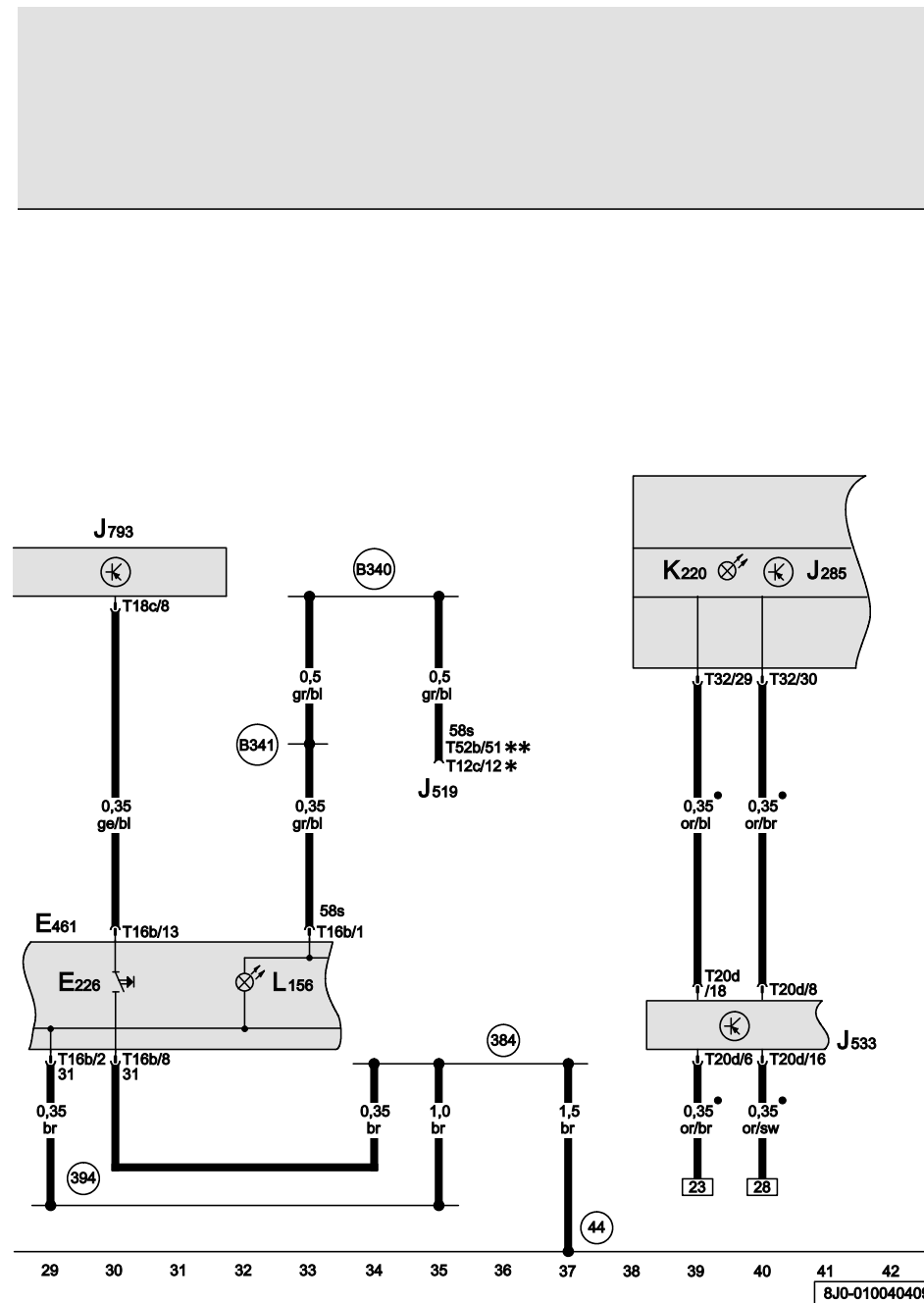
- E226 Tyre pressure monitor button
- E461 Operating unit in front of centre console
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J793 Tyre pressure monitor control unit 2
- K220 Tyre pressure monitor warning lamp
- L156 Switch illumination bulb
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T16b 16-pin connector, brown, on switch module centre console
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- T52b 52-pin connector, yellow, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- CAN bus (data wire)

* up to May 2009
** from June 2009

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



Electronically controlled damping - Audi Magnetic Ride

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

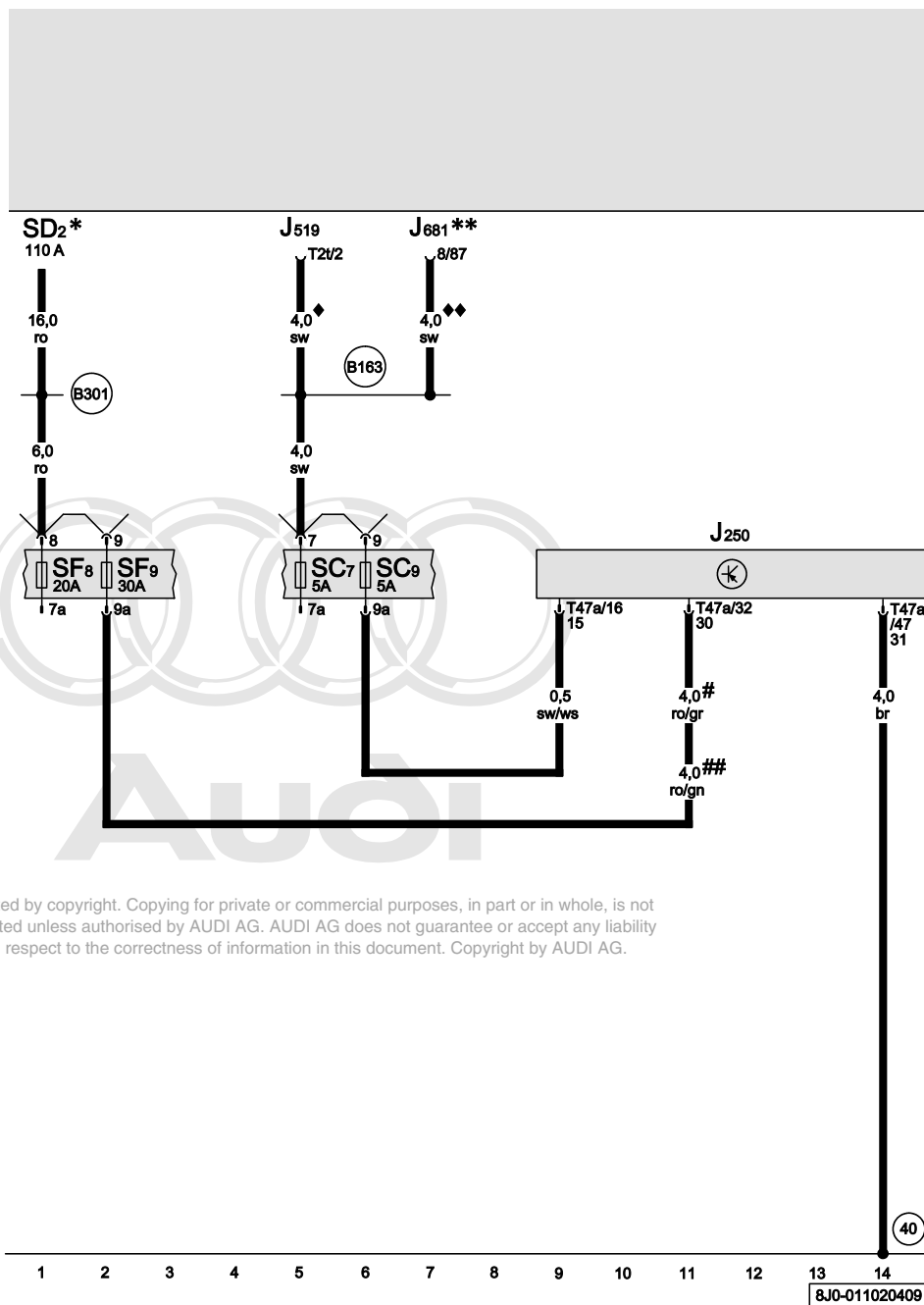
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Electronically controlled damping control unit, fuses

- J250 Electronically controlled damping control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SC7 Fuse 7 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SD2 Fuse 2 on fuse holder D
- SF8 Fuse 8 on fuse holder F
- SF9 Fuse 9 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T47a 47-pin connector, on electronically controlled damping control unit
- 40 Earth point, under rear right seat
- B163 Positive connection 1 (15), in interior wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit
- # Coupé
- ## Roadster
- ◆ up to May 2009
- ◆◆ from June 2009

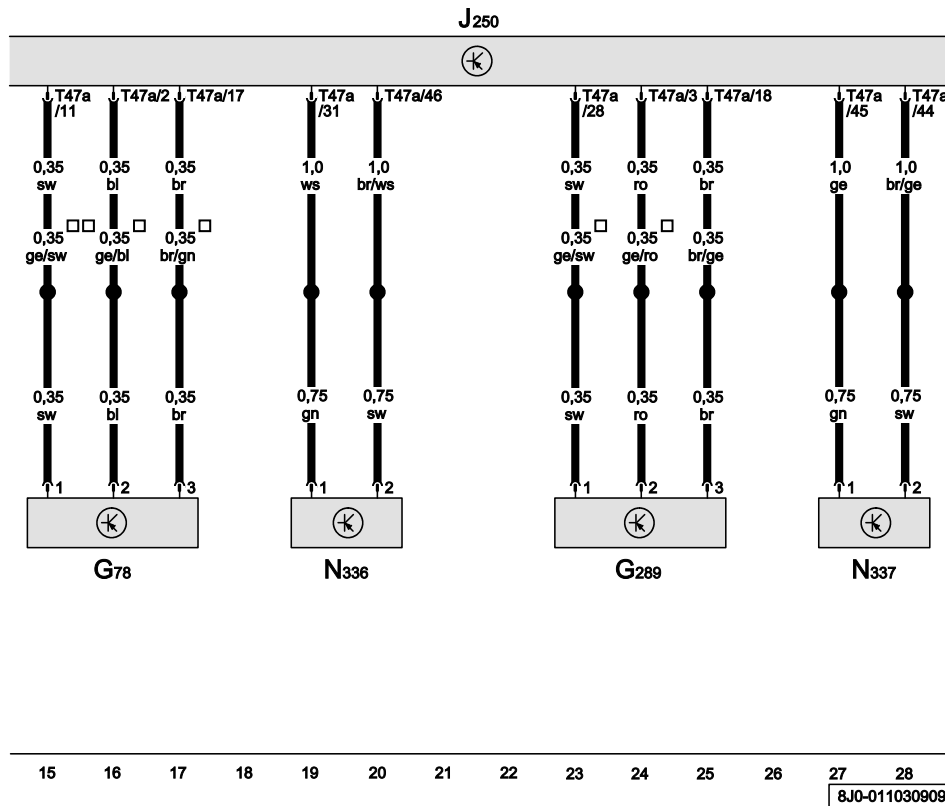
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Electronically controlled damping control unit, front left and right vehicle level sender, front left and right shock absorber damper adjustment valve

- G78 Front left vehicle level sender
- G289 Front right vehicle level sender
- J250 Electronically controlled damping control unit
- N336 Front left shock absorber damper adjustment valve
- N337 Front right shock absorber damper adjustment valve
- T47a 47-pin connector, on electronically controlled damping control unit
- * from June 2009



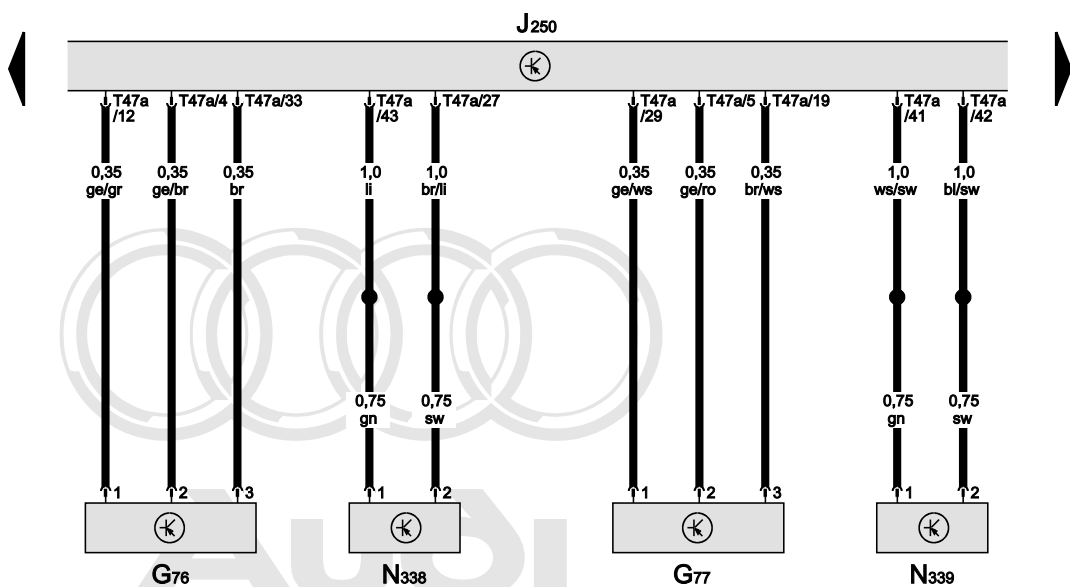
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Electronically controlled damping control unit, rear left and right vehicle level sender, rear left and right shock absorber damper adjustment valve

- G76 Rear left vehicle level sender
- G77 Rear right vehicle level sender
- J250 Electronically controlled damping control unit
- N338 Rear left shock absorber damper adjustment valve
- N339 Rear right shock absorber damping adjustment valve
- T47a 47-pin connector, on electronically controlled damping control unit

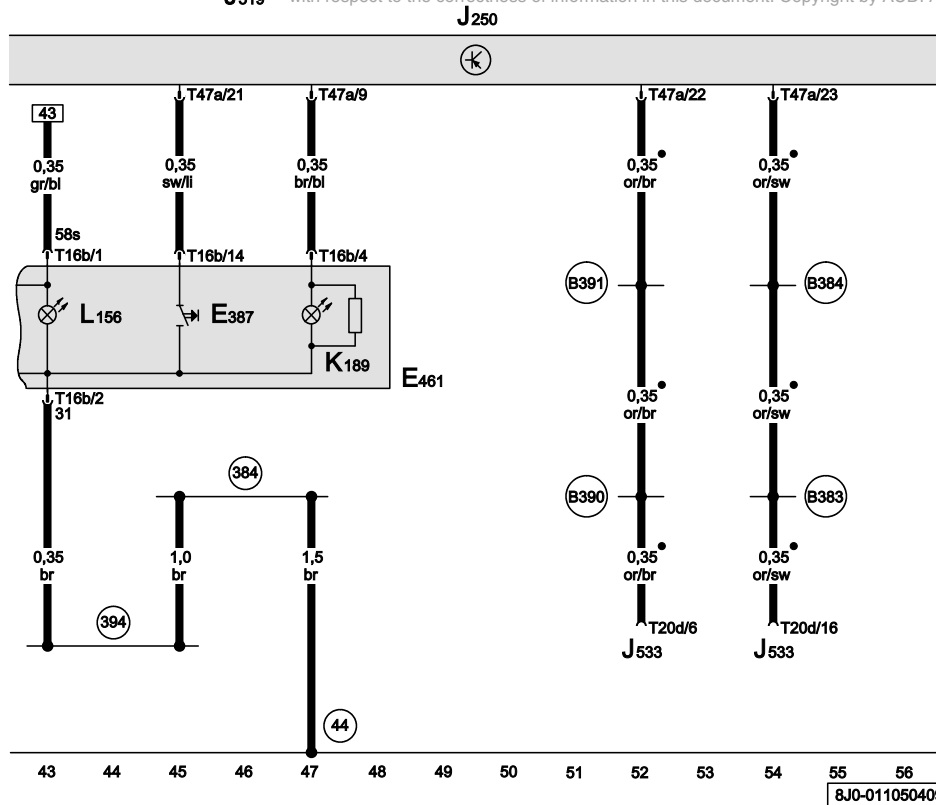
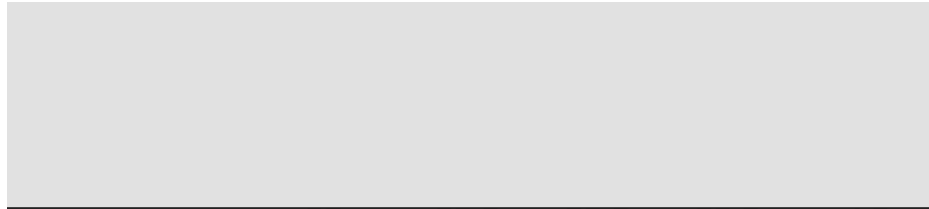


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 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

8J0-011040806



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

Electronically controlled damping control unit, shock absorber damping adjustment button, shock absorber damping adjustment warning lamp

- E387 Shock absorber damping adjustment button
- E461 Operating unit in front of centre console
- J250 Electronically controlled damping control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- K189 Shock absorber damping adjustment warning lamp
- L156 Switch illumination bulb
- T16b 16-pin connector, brown, on switch module centre console
- T20d 20-pin connector, black, on data bus diagnostic interface
- T47a 47-pin connector, on electronically controlled damping control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * ⇒ basic equipment Current Flow Diagram

8J0-011050409

Garage door opener

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

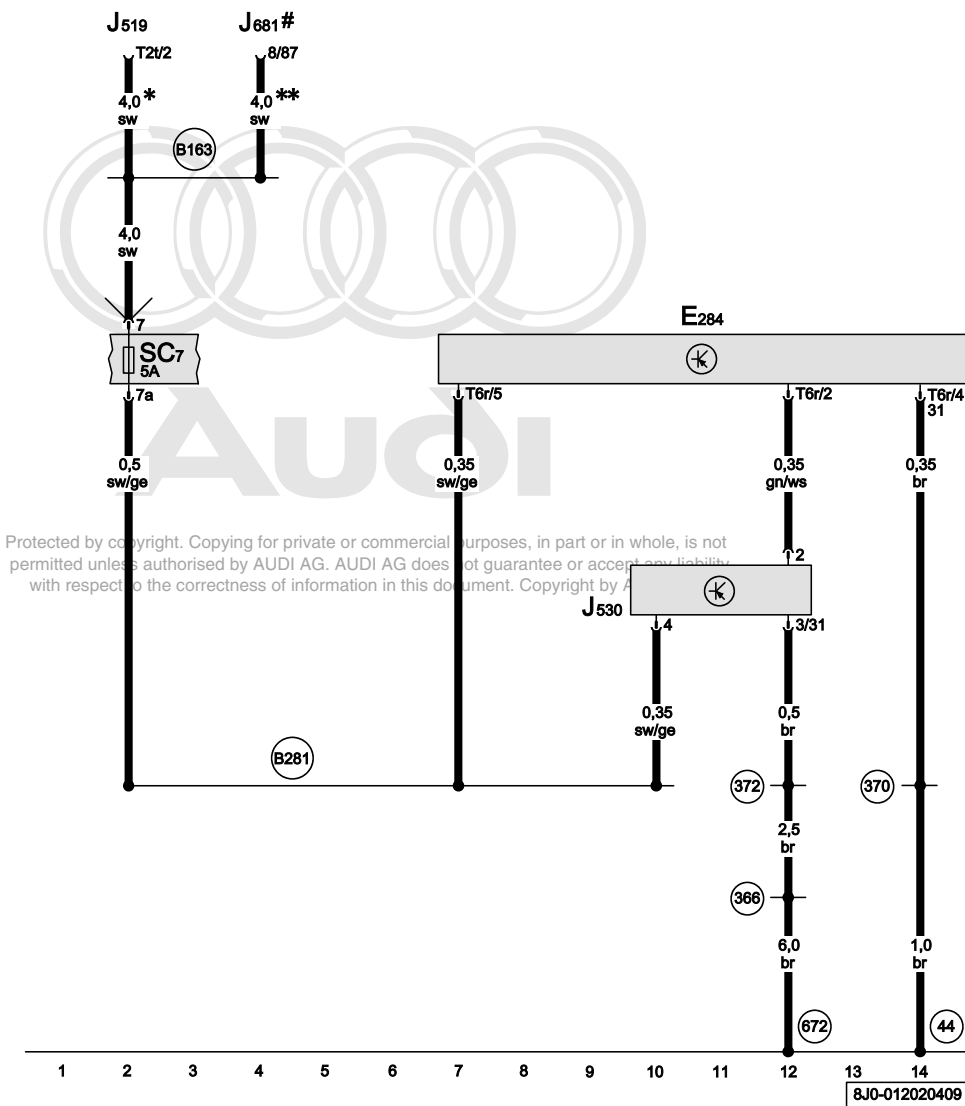
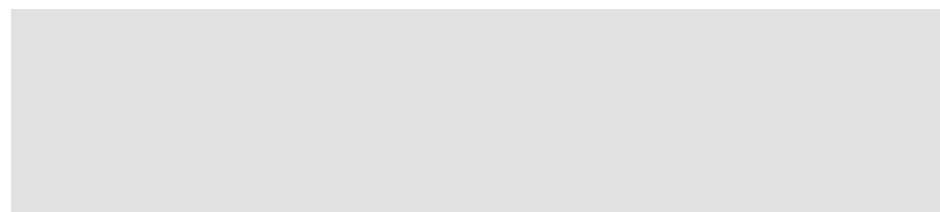
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Garage door operation control unit, garage door operating unit

- E284 Garage door operating unit
- J519 Onboard supply control unit
- J530 Garage door operation control unit
- J681 Terminal 15 voltage supply relay 2
- SC7 Fuse 7 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T6r 6-pin connector, black, on garage door operating unit

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- * up to May 2009
- ** from June 2009
- # Relay carrier on onboard power supply control unit

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

Garage door operating unit, garage door opener button

- E284 Garage door operating unit
- E392 Garage door opener button 1
- E393 Garage door opener button 2
- E394 Garage door opener button 3
- J519 Onboard supply control unit
- T6r 6-pin connector, black, on garage door operating unit
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

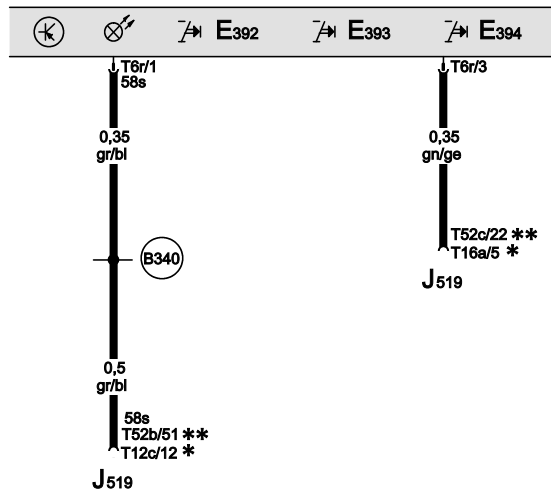
B340 Connection 1 (58s), in main wiring harness

* up to May 2009

** from June 2009

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

E284



8J0-012030409

Rear parking aid

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

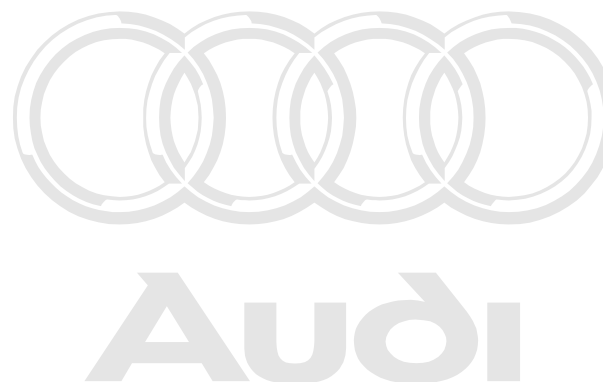
- ◆ Earth connections

⇒ List of Fitting Locations!

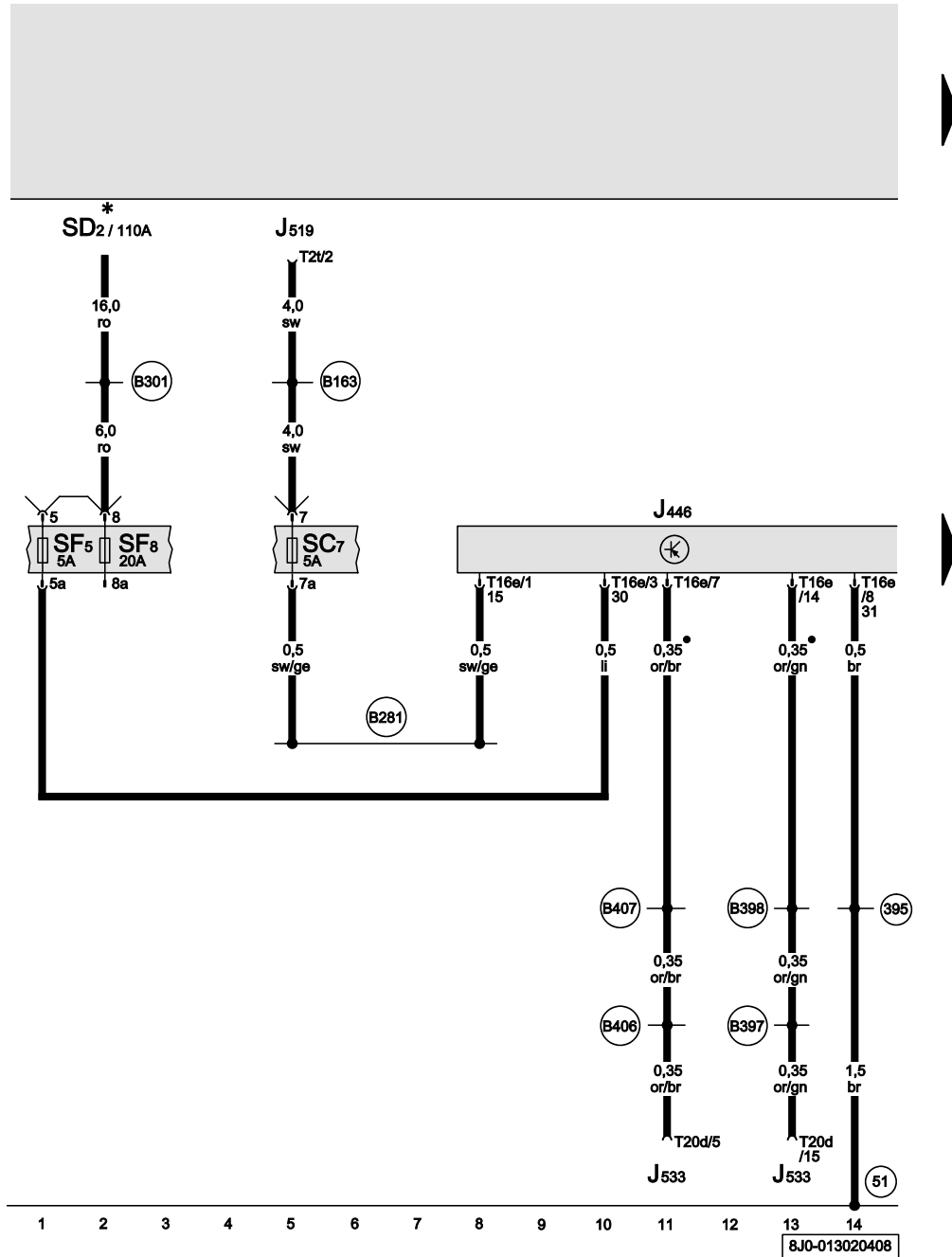
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Parking aid control unit, fuses

- J446 Parking aid control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC7 Fuse 7 on fuse holder C
- SD2 Fuse 2 on fuse holder D
- SF5 Fuse 5 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T20d 20-pin connector, black, on data bus diagnostic interface

- 51 Earth point, on right in luggage compartment
- 395 Earth connection 30, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

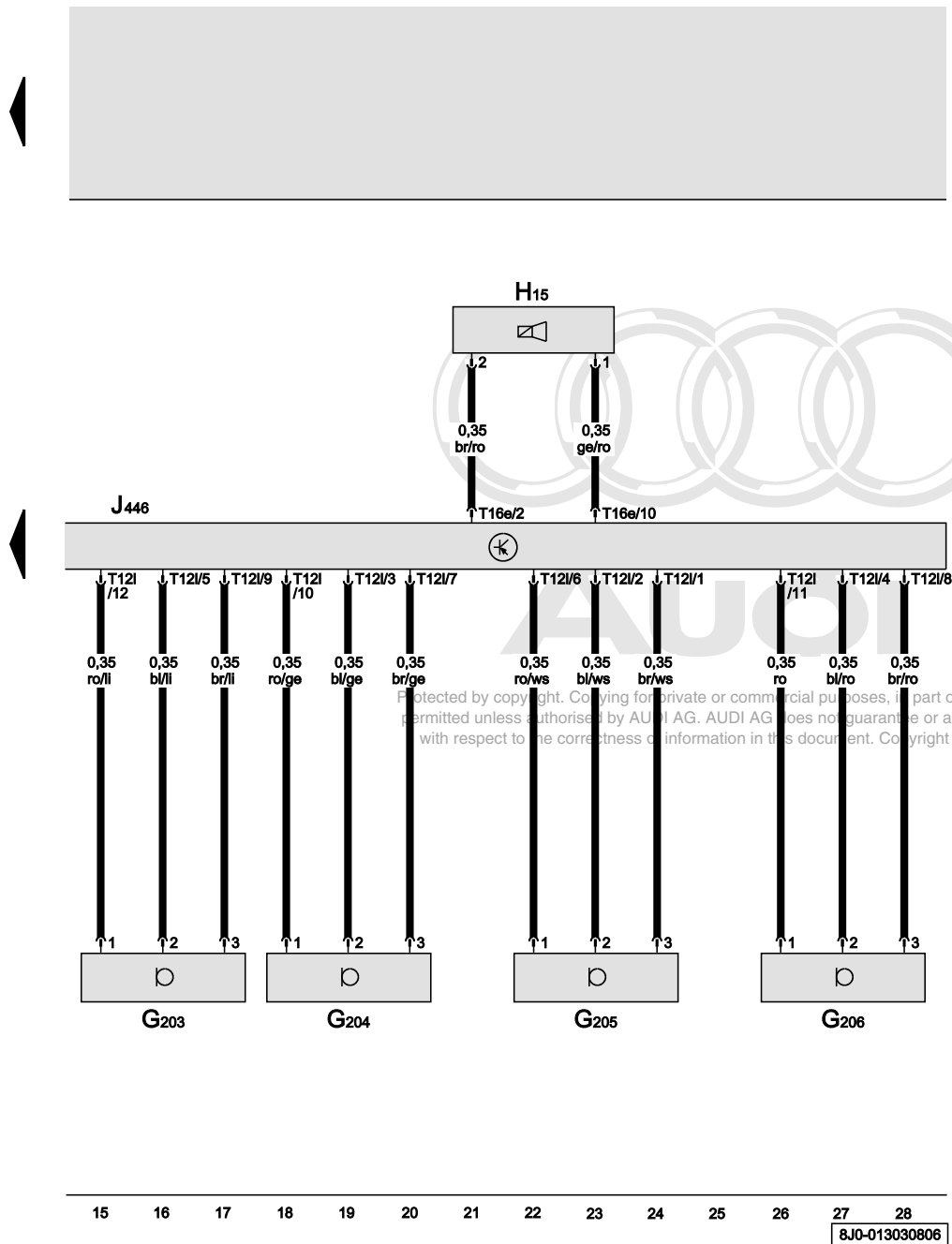
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

CAN bus (data wire)
main fuse box, in luggage compartment, rear right, on the battery

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

Parking aid control unit, rear parking aid sender, rear parking aid warning buzzer

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T12l 12-pin connector, black, connector C, on parking aid control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit



Heated front seats

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

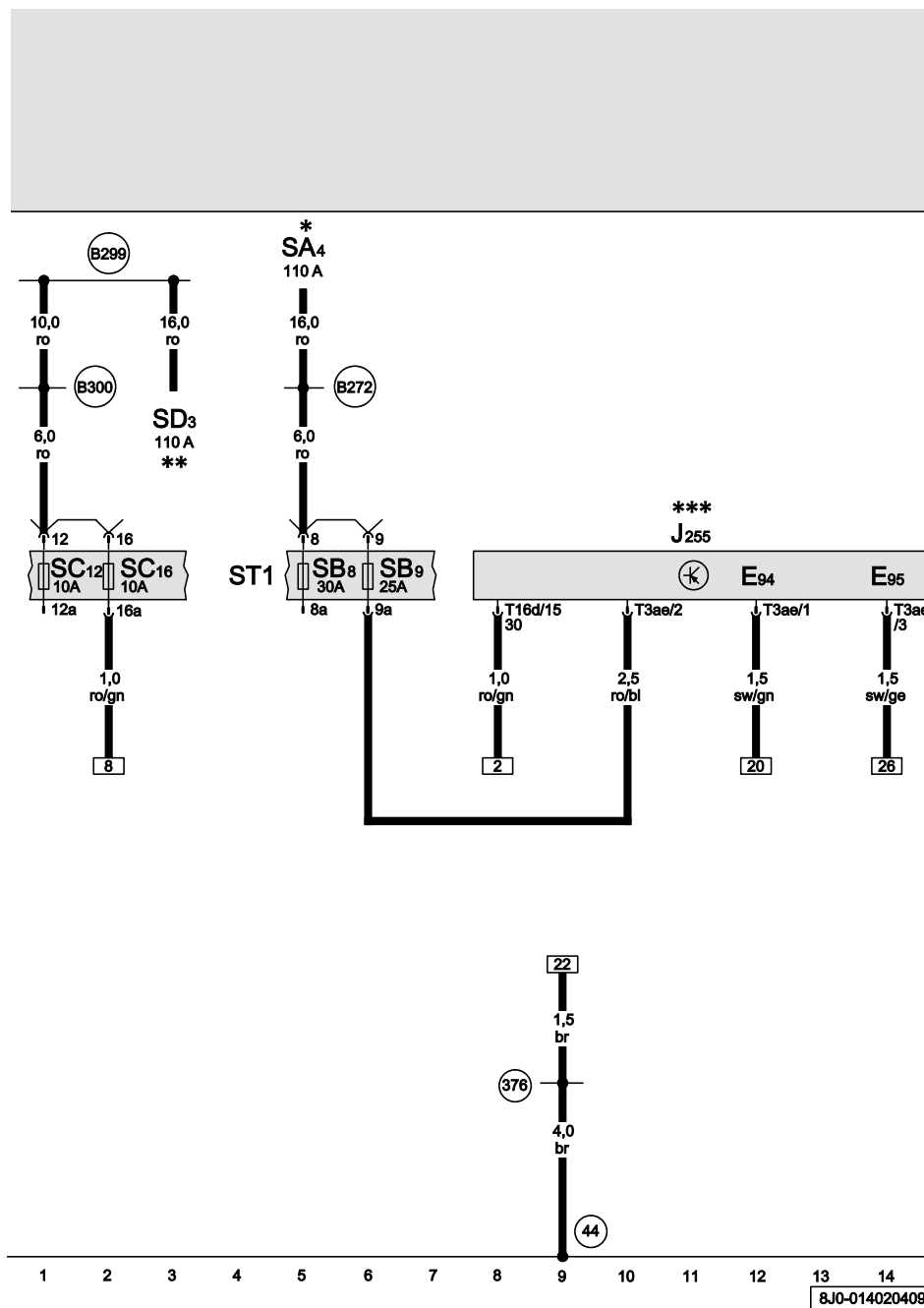
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Climatronic control unit, heated driver seat regulator, heated front passenger seat regulator, fuses

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- J255 Climatronic control unit
- SA4 Fuse 4 on fuse holder A
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T3ae 3-pin connector, black, connector E, on Climatronic control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- 44 Earth point, lower part of left A-pillar
- 376 Earth connection 11, in main wiring harness
- B272 Positive connection (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * Main fuse holder, electronics box, in front left engine compartment
- ** main fuse box, in luggage compartment, rear right, on the battery
- *** air conditioning system operating unit

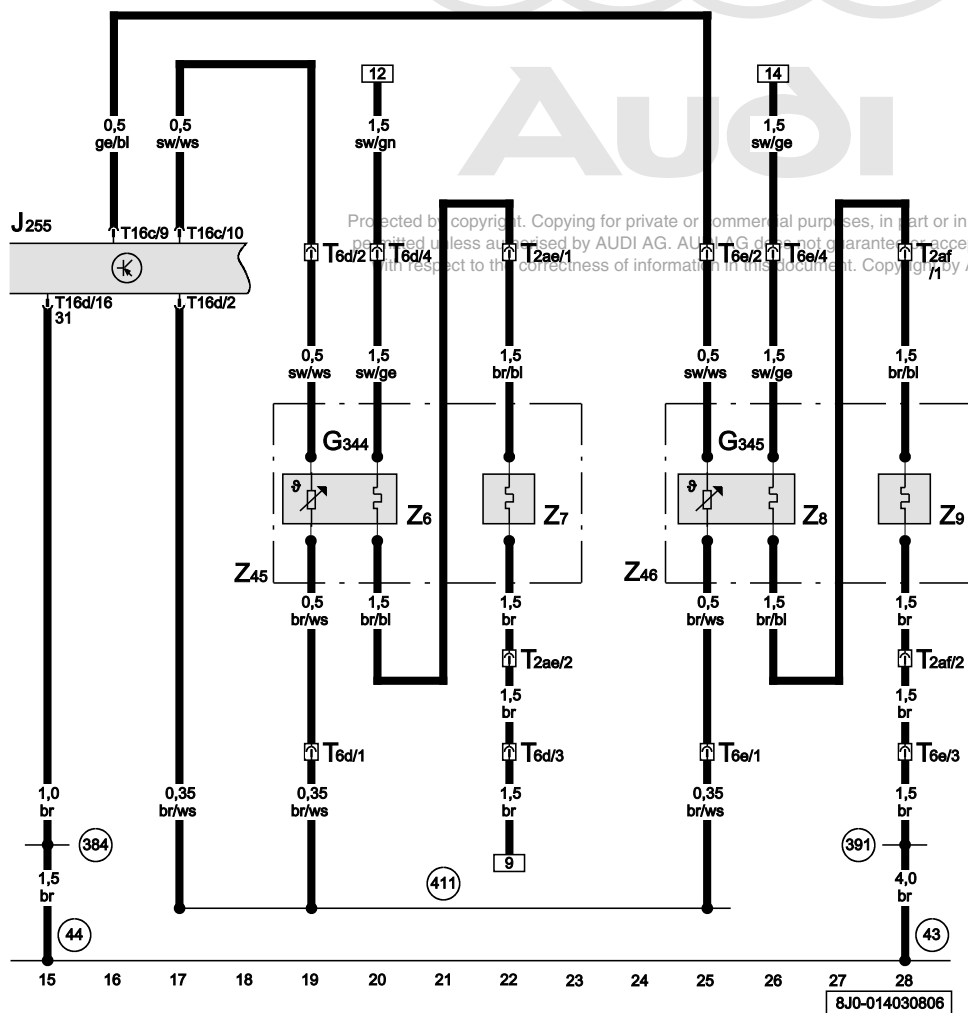
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Heated seat cushion for front left seat, heated seat cushion for front right seat, front left seat temperature sender, front right seat temperature sender

- G344 Front left seat temperature sender
- G345 Front right seat temperature sender
- J255 Climatronic control unit
- T2ae 2-pin connector, in driver seat
- T2af 2-pin connector, in front passenger seat
- T6d 6-pin connector, green, under driver seat
- T6e 6-pin connector, green, under front passenger seat
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- Z6 Heated driver seat cushion
- Z7 Heated driver seat backrest
- Z8 Heated front passenger seat cushion
- Z9 Heated front passenger seat backrest
- Z45 Front left seat heating
- Z46 Front right seat heating

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth), in main wiring harness



Driver seat electric seat adjustment, front passenger seat electric seat adjustment

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

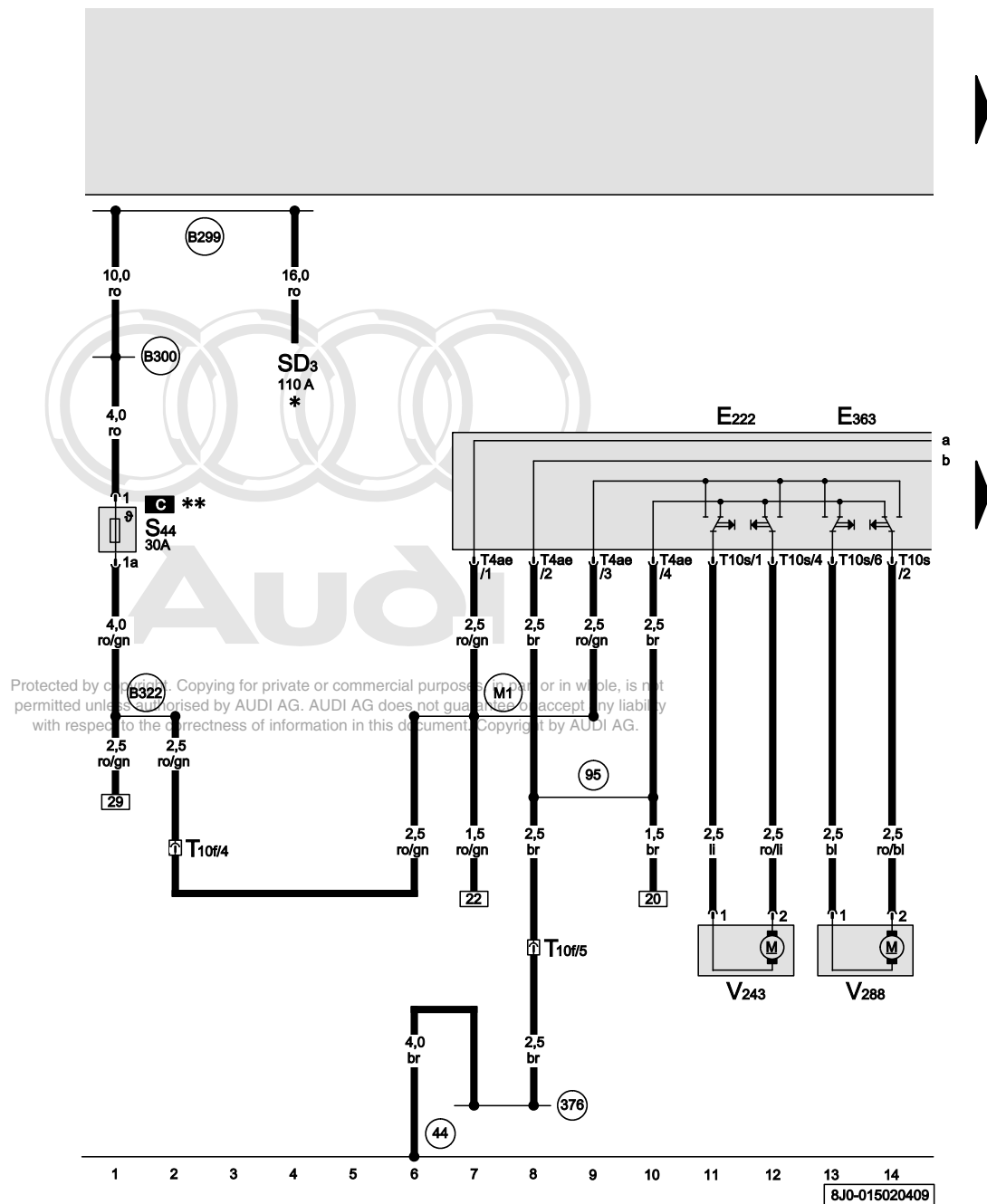
- ◆ Control units and relays

- ◆ Earth connections

⇒ **List of Fitting Locations!**
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

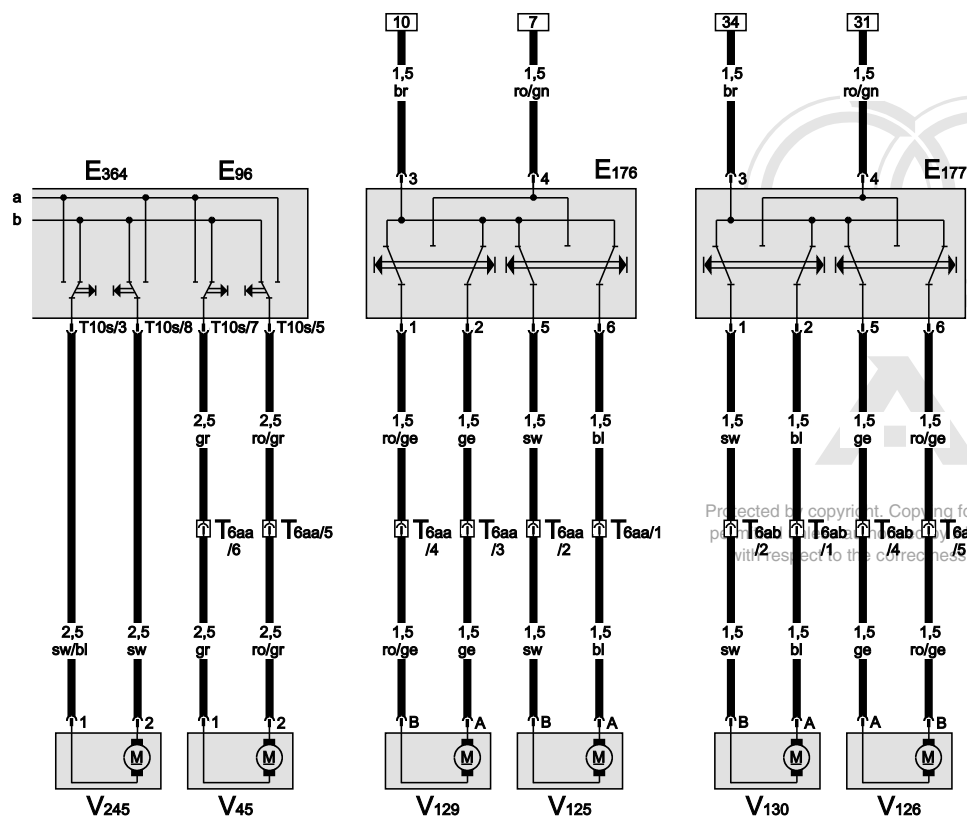


Driver seat rake adjustment switch, driver seat longitudinal adjustment switch, driver seat adjustment thermal fuse 1, driver seat rake adjustment motor, seat longitudinal adjustment motor

- E222 Driver seat rake adjustment switch
- E363 Driver seat longitudinal adjustment switch
- S44 Driver seat adjustment thermal fuse 1
- SD3 Fuse 3 on fuse holder D
- T4ae 4-pin connector, on seat adjustment switch
- T10f 10-pin connector, red, under driver seat
- T10s 10-pin connector, on seat adjustment switch
- V243 Driver seat rake adjustment motor
- V288 Seat longitudinal adjustment motor
- 44 Earth point, lower part of left A-pillar
- 95 Earth connection 1, in seat adjuster wiring harness
- 376 Earth connection 11, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B322 Positive connection 8 (30a), in main wiring harness
- M1 Positive connection 1 (30), in seat adjustment wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier under left dash panel

Driver seat backrest adjustment switch, driver seat height adjustment switch, lumbar support adjustment switch, lumbar support longitudinal adjustment motor, lumbar support height adjustment motor

- E96 Driver seat backrest adjustment switch
- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- E364 Driver seat height adjustment switch
- T6aa 6-pin connector, in driver seat
- T6ab 6-pin connector, in front passenger seat
- T10s 10-pin connector, on seat adjustment switch
- V45 Driver seat backrest adjustment motor
- V125 Driver seat lumbar support longitudinal adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor
- V245 Driver seat height adjustment motor

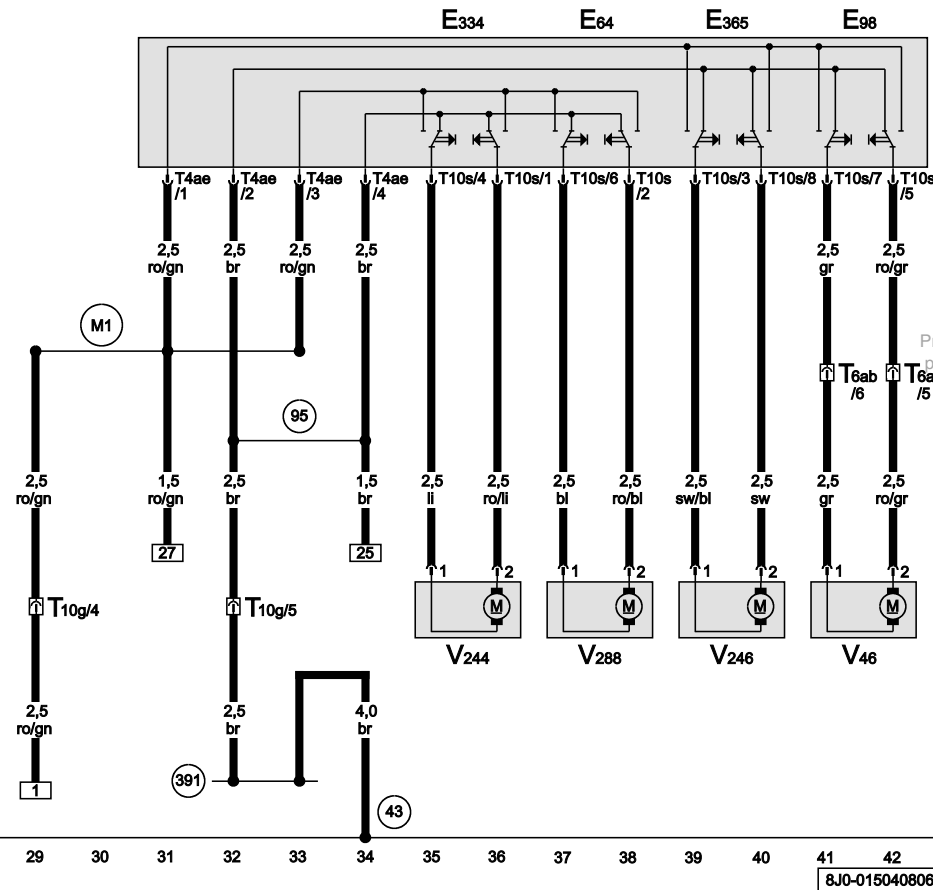


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Front passenger seat adjustment switch, front passenger seat adjustment motor

- E64 Front passenger seat longitudinal adjustment switch
- E98 Front passenger seat backrest adjustment switch
- E334 Front passenger seat rake adjustment button
- E365 Front passenger seat height adjustment switch
- T4ae 4-pin connector, on seat adjustment switch
- T6ab 6-pin connector, in front passenger seat
- T10g 10-pin connector, red, under front passenger seat
- T10s 10-pin connector, on seat adjustment switch
- V46 Front passenger seat backrest adjustment motor
- V244 Front passenger seat rake adjustment motor
- V246 Front passenger seat height adjustment motor
- V288 Seat longitudinal adjustment motor

- 43 Earth point, lower part of right A-pillar
- 95 Earth connection 1, in seat adjuster wiring harness
- 391 Earth connection 26, in main wiring harness
- M1 Positive connection 1 (30), in seat adjustment wiring harness



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Electric seat adjustment, driver seat (with folding backrest), electric seat adjustment, front passenger seat (with folding backrest)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

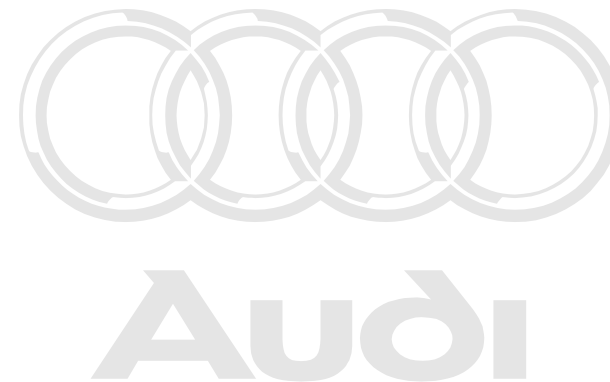
- ◆ Earth connections

⇒ List of Fitting Locations!

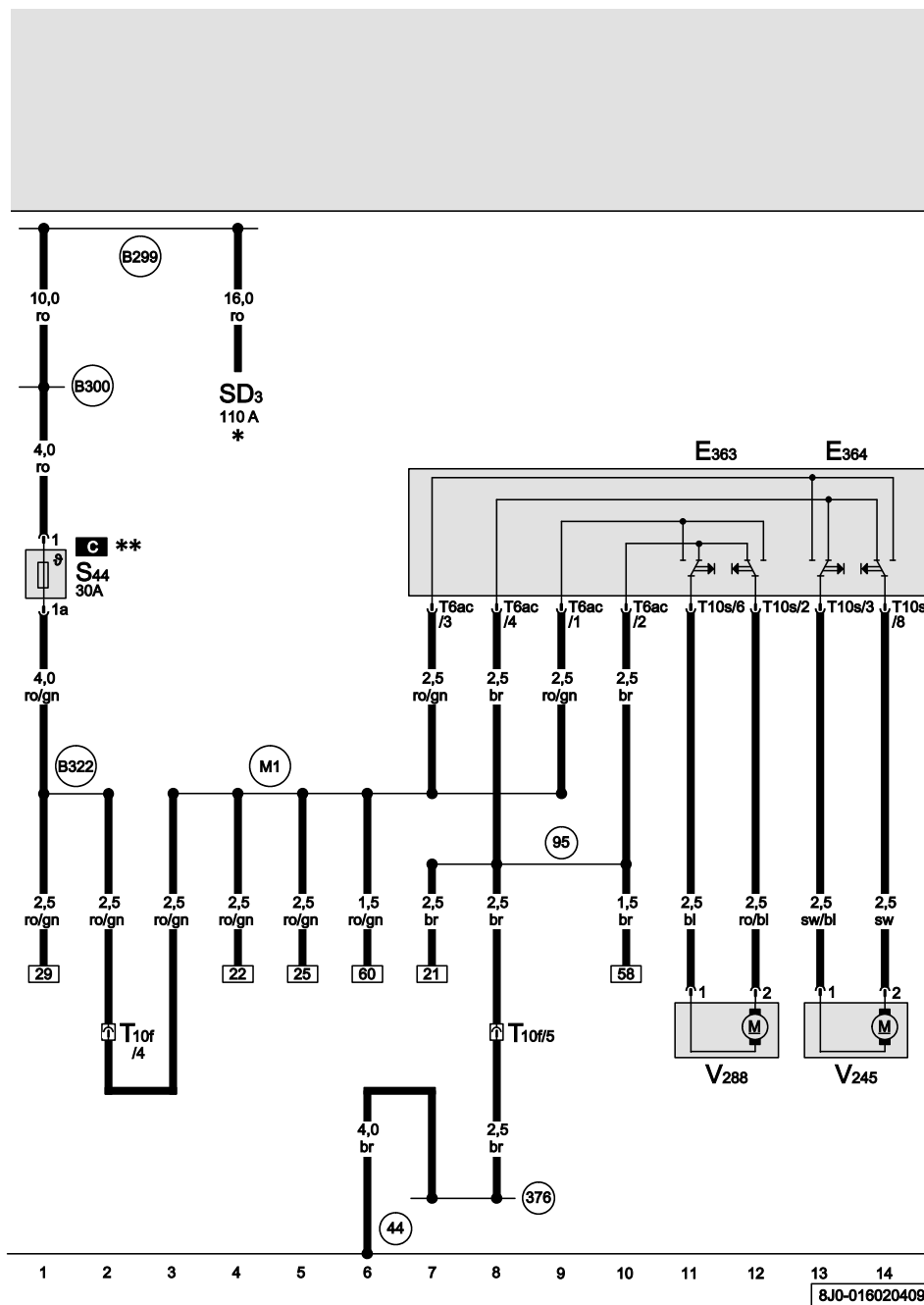
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Driver seat adjustment switch, driver seat adjustment thermal fuse 1, driver seat height adjustment motor, seat longitudinal adjustment motor

- E363 Driver seat longitudinal adjustment switch
- E364 Driver seat height adjustment switch
- S44 Driver seat adjustment thermal fuse 1
- SD3 Fuse 3 on fuse holder D
- T6ac 6-pin connector, on seat adjustment switch
- T10f 10-pin connector, red, under driver seat
- T10s 10-pin connector, on seat adjustment switch
- V245 Driver seat height adjustment motor
- V288 Seat longitudinal adjustment motor

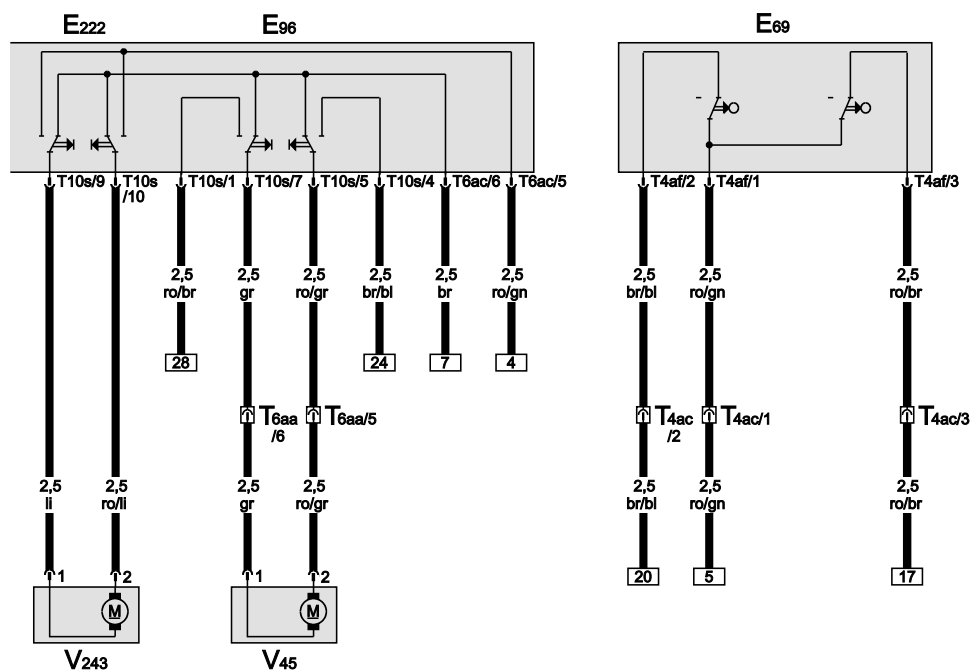
- 44 Earth point, lower part of left A-pillar
- 95 Earth connection 1, in seat adjuster wiring harness
- 376 Earth connection 11, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B322 Positive connection 8 (30a), in main wiring harness
- M1 Positive connection 1 (30), in seat adjustment wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier under left dash panel

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Driver seat backrest limit switch, driver seat adjustment switch, driver seat adjustment motor

- E69 Driver seat backrest limit switch
- E96 Driver seat backrest adjustment switch
- E222 Driver seat rake adjustment switch
- T4ac 4-pin connector, in driver seat
- T4af 4-pin connector, on driver seat backrest limit switch
- T6aa 6-pin connector, in driver seat
- T6ac 6-pin connector, on seat adjustment switch
- T10s 10-pin connector, on seat adjustment switch
- V45 Driver seat backrest adjustment motor
- V243 Driver seat rake adjustment motor



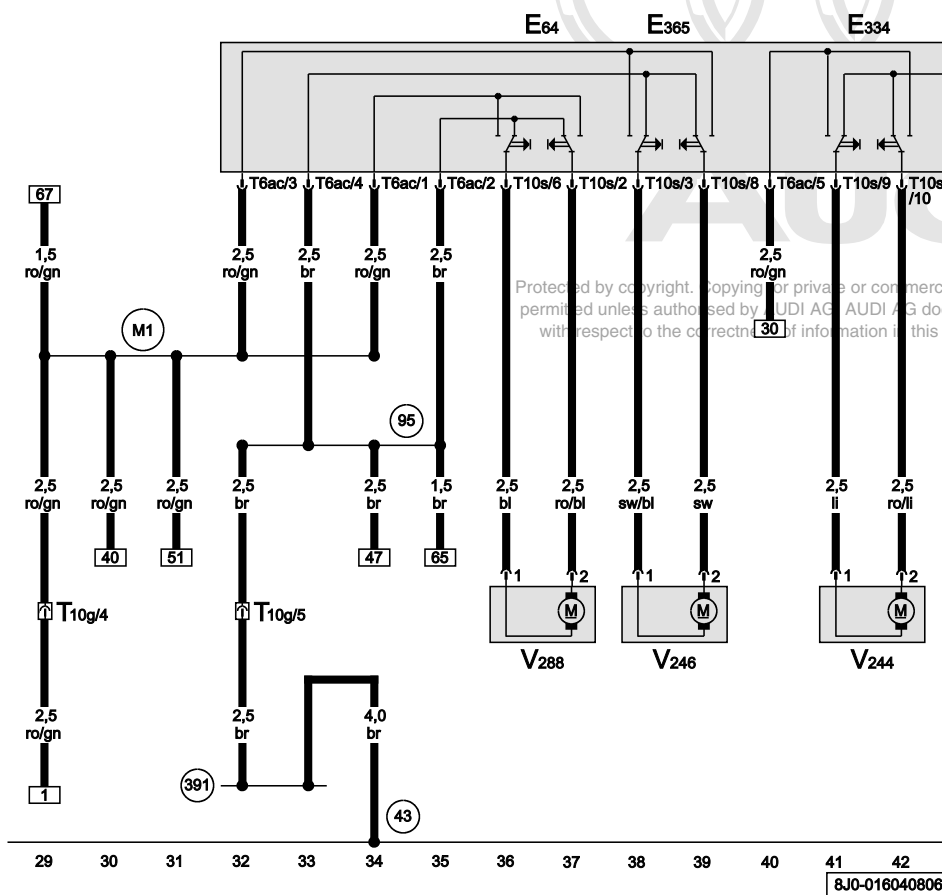
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Front passenger seat adjustment switch, front passenger seat adjustment motor

- E64 Front passenger seat longitudinal adjustment switch
- E334 Front passenger seat rake adjustment button
- E365 Front passenger seat height adjustment switch
- T6ac 6-pin connector, on seat adjustment switch
- T10g 10-pin connector, red, under front passenger seat
- T10s 10-pin connector, on seat adjustment switch
- V244 Front passenger seat rake adjustment motor
- V246 Front passenger seat height adjustment motor
- V288 Seat longitudinal adjustment motor

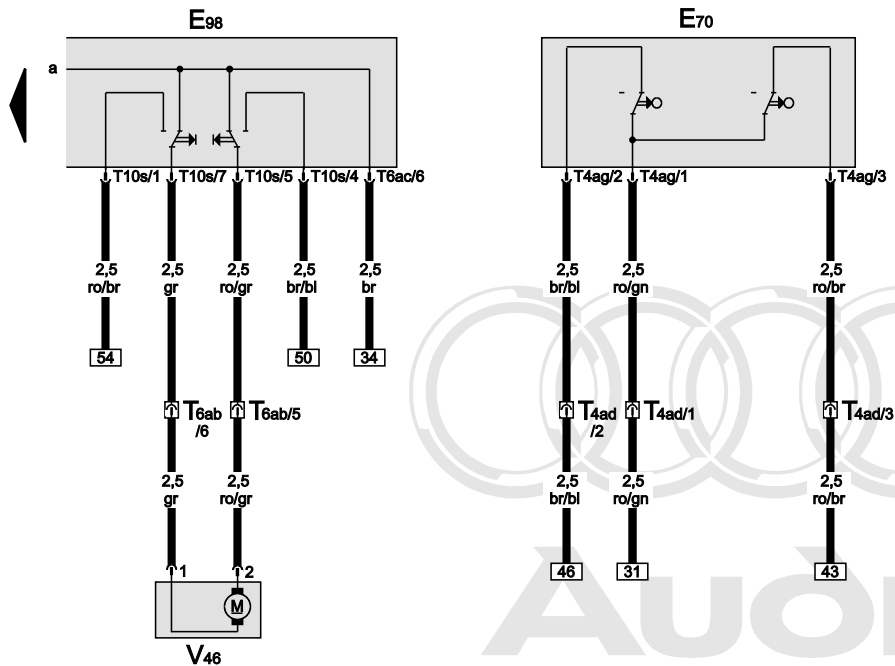
- 43 Earth point, lower part of right A-pillar
- 95 Earth connection 1, in seat adjuster wiring harness
- 391 Earth connection 26, in main wiring harness
- M1 Positive connection 1 (30), in seat adjustment wiring harness



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

Front passenger seat backrest limit switch, front passenger seat backrest adjustment switch, front passenger seat backrest adjustment motor

- E70 Front passenger seat backrest limit switch
- E98 Front passenger seat backrest adjustment switch
- T4ad 4-pin connector, in front passenger seat
- T4ag 4-pin connector, on front passenger seat backrest limit switch
- T6ab 6-pin connector, in front passenger seat
- T6ac 6-pin connector, on seat adjustment switch
- T10s 10-pin connector, on seat adjustment switch
- V46 Front passenger seat backrest adjustment motor

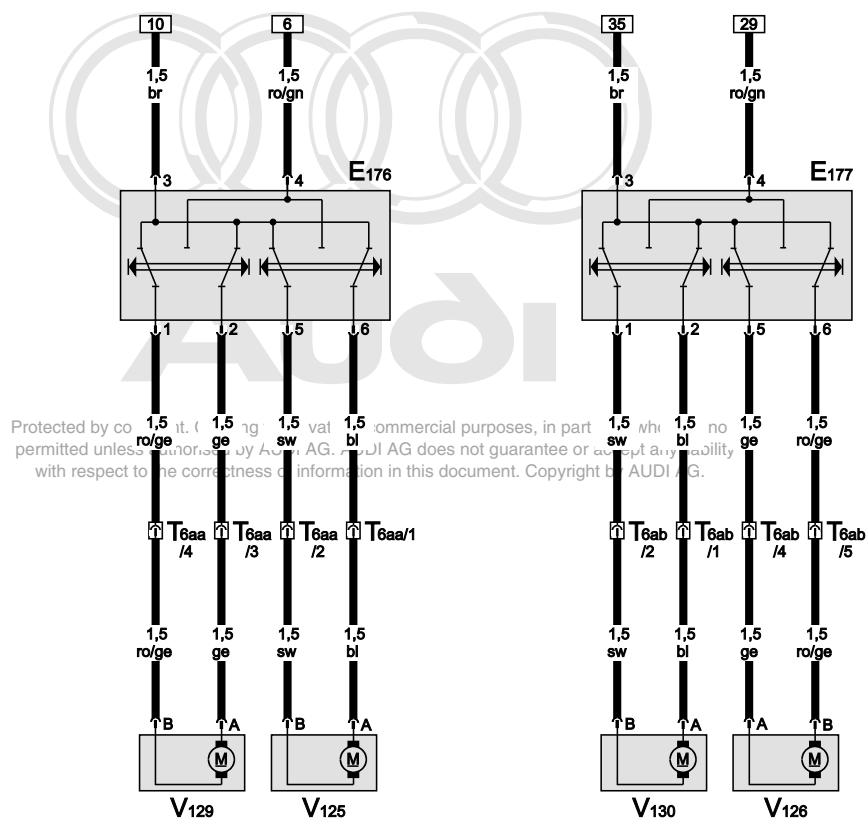


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Driver seat lumbar support adjustment switch, front passenger seat lumbar support adjustment switch, driver seat lumbar support adjustment motors, front passenger seat lumbar support adjustment motors

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- T6aa 6-pin connector, in driver seat
- T6ab 6-pin connector, in front passenger seat
- V125 Driver seat lumbar support longitudinal adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor



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

Driver seat, front passenger seat electric lumbar support adjustment

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

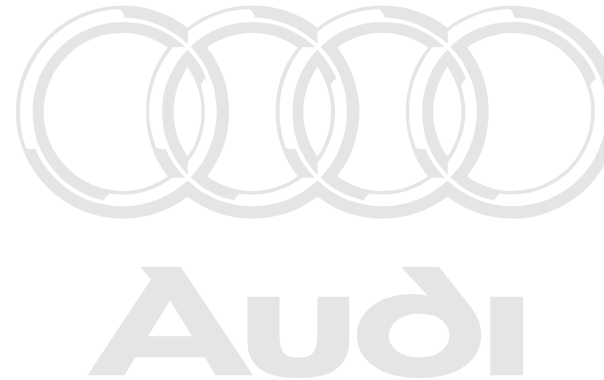
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Lumbar support adjustment switch, lumbar support adjustment motors, fuses

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- SA4 Fuse 4 on fuse holder A
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- T6aa 6-pin connector, in driver seat
- T6ab 6-pin connector, in front passenger seat
- T10f 10-pin connector, red, under driver seat
- T10g 10-pin connector, red, under front passenger seat
- V125 Driver seat lumbar support longitudinal adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor

43 Earth point, lower part of right A-pillar

44 Earth point, lower part of left A-pillar

374 Earth connection 9, in main wiring harness

389 Earth connection 24, in main wiring harness

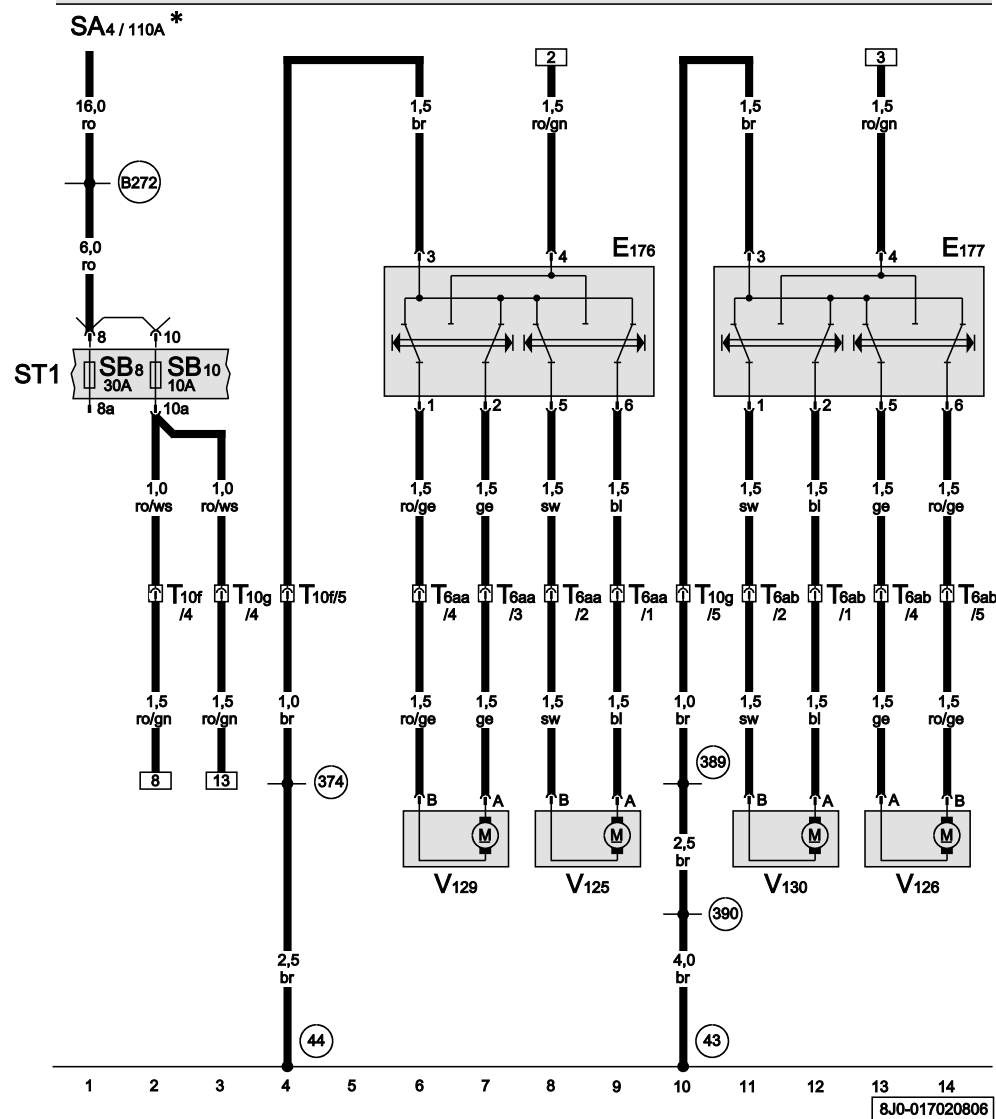
390 Earth connection 25, in main wiring harness

B272 Positive connection (30), in main wiring harness

* Main fuse holder, electronics box, in front left engine compartment

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



CAN bus wiring

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

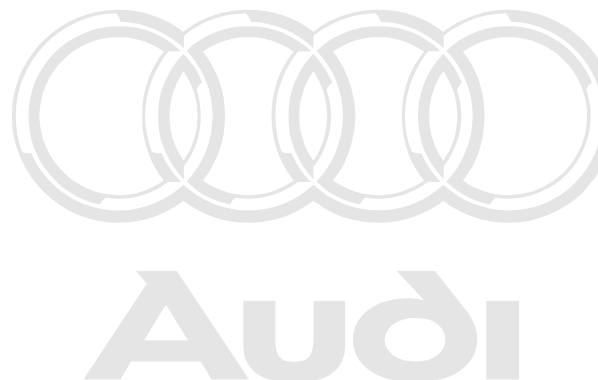
- ◆ Earth connections

⇒ List of Fitting Locations!

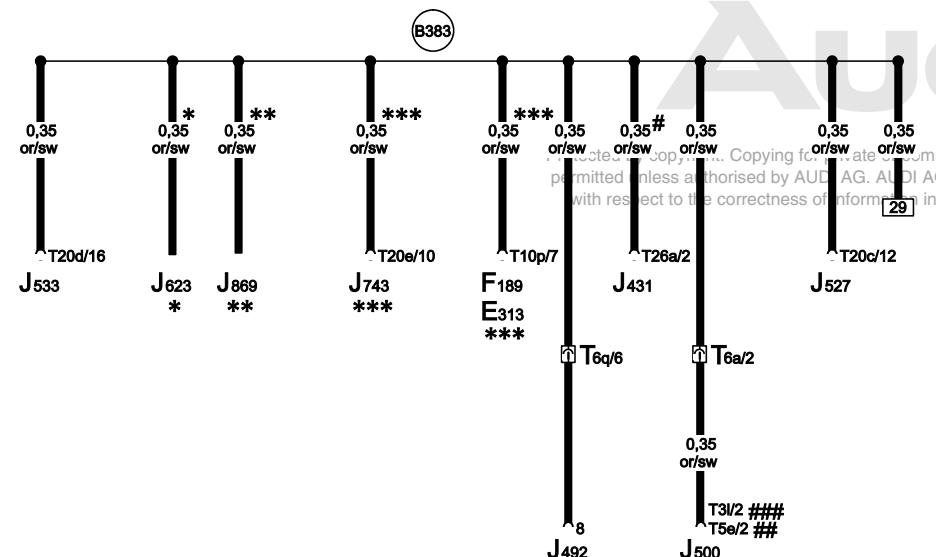
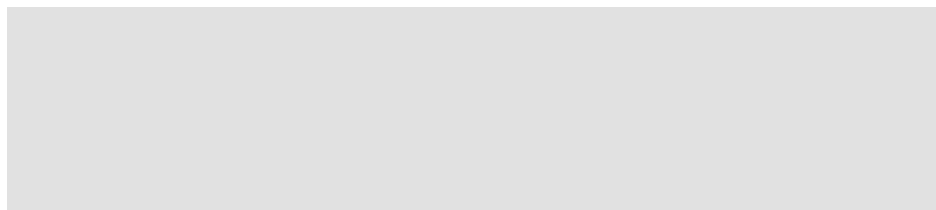
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



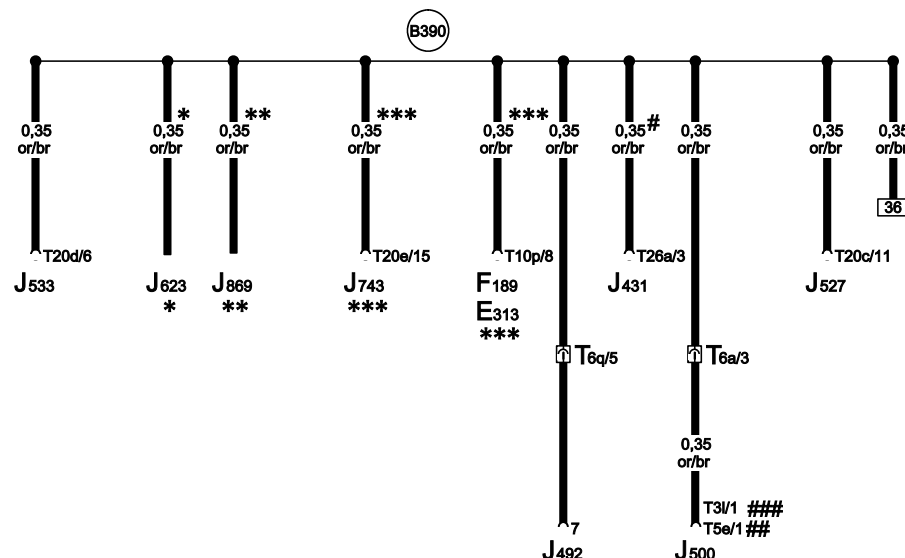
Drive train CAN bus, high 1

- E313 Selector lever
 - F189 Tiptronic switch
 - J431 Headlight range control, control unit
 - J492 Four-wheel drive control unit
 - J500 Power steering control unit
 - J527 Steering column electronics control unit
 - J533 Data bus diagnostic interface
 - J623 Engine control unit
 - J743 Mechatronic unit for dual clutch gearbox
 - J869 Control unit for structure-borne sound
 - T3l 3-pin connector, connector C, on power steering control unit
 - T5e 5-pin connector, grey, connector C, on power steering control unit
 - T6a 6-pin connector, black, in front left engine compartment
 - T6q 6-pin connector, black, on four-wheel drive control unit
 - T10p 10-pin connector, on Tiptronic switch
 - T20c 20-pin connector, black, connector A, on steering column electronics control unit
 - T20d 20-pin connector, black, on data bus diagnostic interface
 - T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
 - T26a 26-pin connector, black, on headlight range control, control unit
 - (B383) Connection 1 (drive train CAN bus, high), in main wiring harness
- * ⇒ Engine Current Flow Diagram
 ** 2,0 l diesel engine
 *** models with direct shift gearbox
 # models with automatic headlight range control and cornering light
 ## up to May 2008
 ### from June 2008

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

Drive train CAN bus, low 1

- E313 Selector lever
- F189 Tiptronic switch
- J431 Headlight range control, control unit
- J492 Four-wheel drive control unit
- J500 Power steering control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- J869 Control unit for structure-borne sound
- T3l 3-pin connector, connector C, on power steering control unit
- T5e 5-pin connector, grey, connector C, on power steering control unit
- T6a 6-pin connector, black, in front left engine compartment
- T6q 6-pin connector, black, on four-wheel drive control unit
- T10p 10-pin connector, on Tiptronic switch
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T26a 26-pin connector, black, on headlight range control, control unit



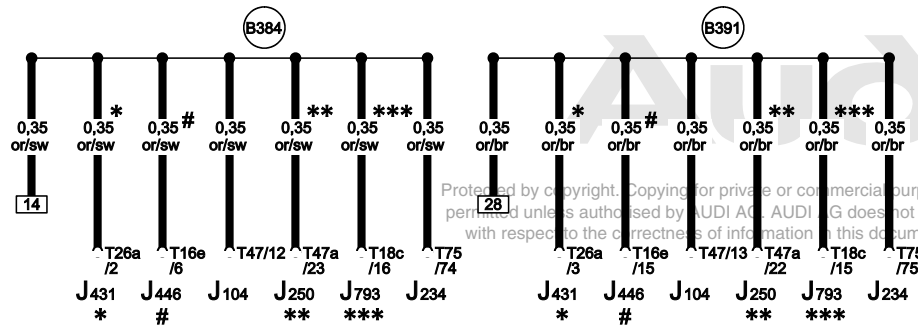
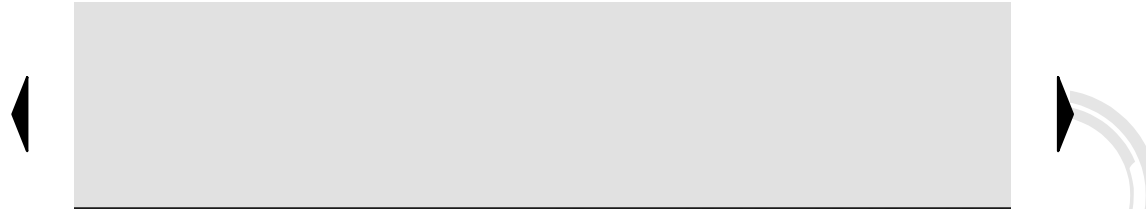
Protected by copyright. Connection 1 (drive train CAN bus, low), in main wiring harness permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the content of this document. Copyright by AUDI AG.

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

Engine Current Flow Diagram

- ** 2.0 l diesel engine
- *** models with direct shift gearbox
- # models with automatic headlight range control and cornering light
- ## up to May 2008
- ### from June 2008

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



Drive train CAN bus, high 2, drive train CAN bus, low 2

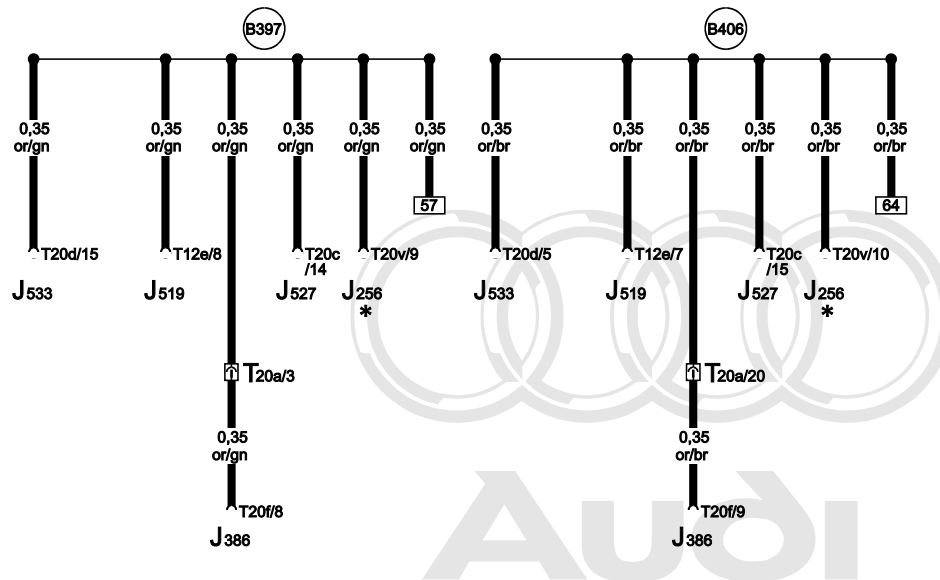
- J104 ABS control unit
- J234 Airbag control unit
- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J446 Parking aid control unit
- J793 Tyre pressure monitor control unit 2
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T26a 26-pin connector, black, on headlight range control, control unit
- T47 47-pin connector, on ABS control unit
- T47a 47-pin connector, on electronically controlled damping control unit
- T75 75-pin connector, yellow, on airbag control unit

B384 Connection 2 (drive train CAN bus, high), in main wiring harness

B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- * models with manual and automatic headlight range control without cornering light
- ** models with electronically controlled damping
- *** models with tyre pressure monitor
- # from June 2008

Convenience CAN bus, high 1, convenience CAN bus, low 1



- J256 Convertible roof actuation control unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T20a 20-pin connector, black, in the front left door
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20f 20-pin connector, black, connector A, on driver door control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit

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

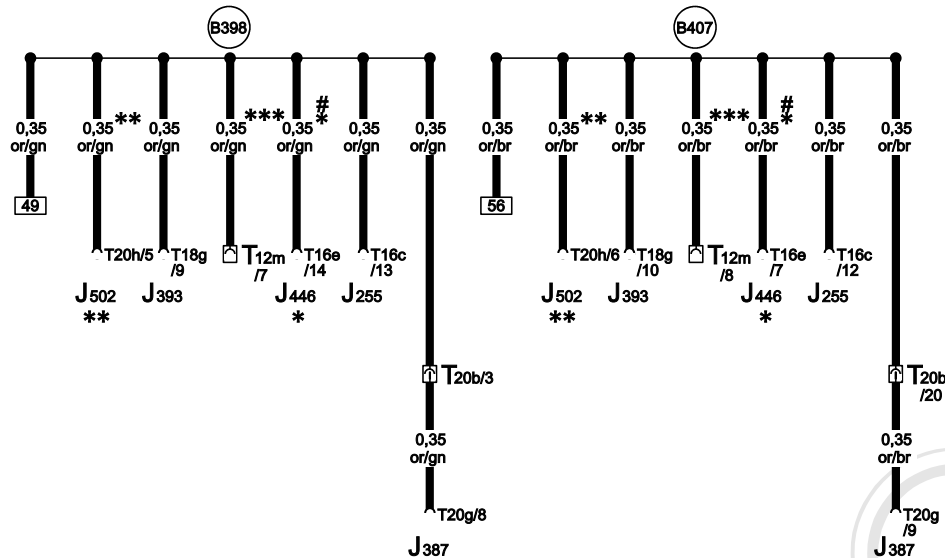
* Roadster with power operated convertible top

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

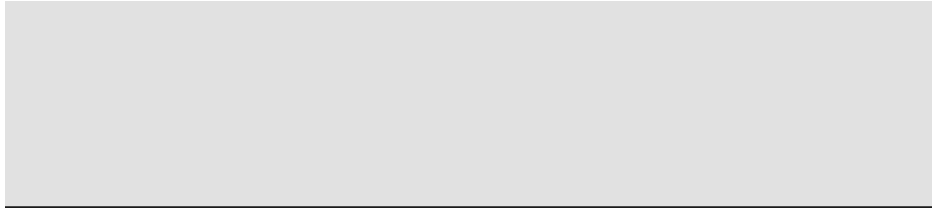
Convenience CAN bus, high 2, convenience CAN bus, low 2

- J255 Climatronic control unit
- J387 Front passenger door control unit
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J502 Tyre pressure monitor control unit
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- T20b 20-pin connector, black, in the front right door
- T20g 20-pin connector, connector A, on front passenger door control unit
- T20h 20-pin connector, red, on tyre pressure monitor control unit 2
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * models with parking aid
- ** only USA
- *** for models with interface for special functions
- # Is dropped from June 2009



Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

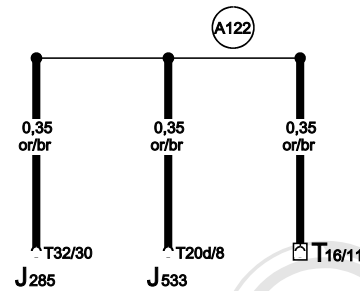
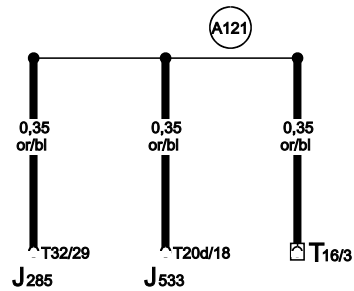


CAN bus, high, CAN bus, low

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T16 16-pin connector, diagnostic connector
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert

(A121) Connection (high bus), in dash panel wiring harness

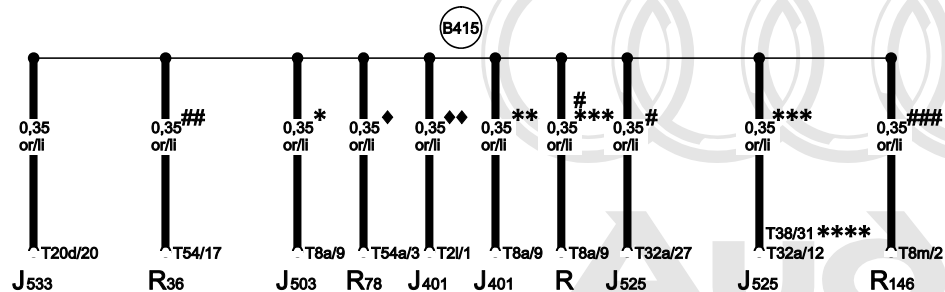
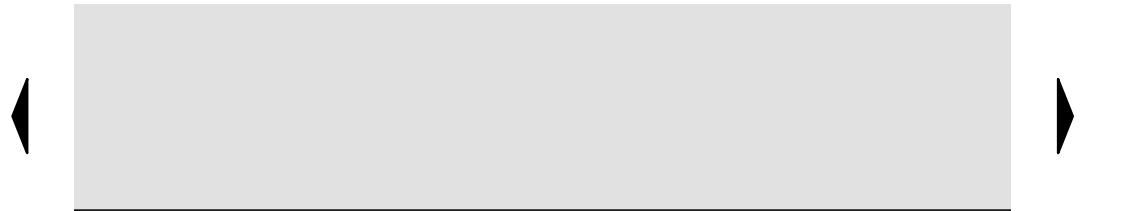
(A122) Connection (low bus), in dash panel wiring harness



Audi

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

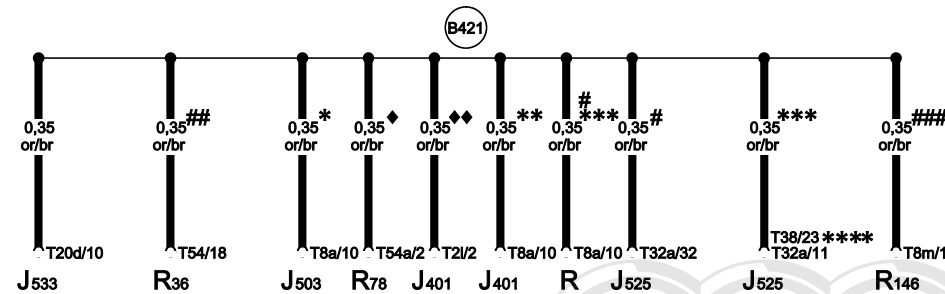
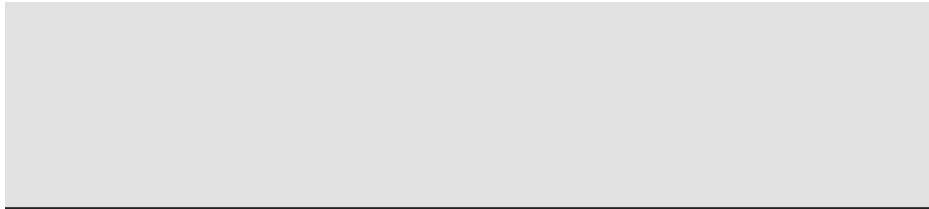
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Infotainment CAN bus, high 1

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R Radio
- R36 Telephone transmitter and receiver unit
- R78 TV tuner
- R146 Satellite radio
- T2l 2-pin connector, black, connector CAN, on navigation system with CD drive control unit
- T8a 8-pin connector, black, radio pin connector D
- T8m 8-pin connector, on satellite radio
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- T54a 54-pin connector, on TV tuner
- (B415) Connection 1 (infotainment CAN bus, high), in main wiring harness
- * Navigation system RNS-low (7Q9)
- ** Navigation system RNS-E (7Q2)
- *** radio with standard soundsystem (9VD)
- **** from February 2009
- # radio with BOSE soundsystem (8RY)
- ## models with preparation for mobile telephone (9ZF)
- ### only USA
- ◆ models with TV tuner
- ◆◆ models with navigation system Japan (7Q4)



Infotainment CAN bus, low 1

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R Radio
- R36 Telephone transmitter and receiver unit
- R78 TV tuner
- R146 Satellite radio
- T2l 2-pin connector, black, connector CAN, on navigation system with CD drive control unit
- T8a 8-pin connector, black, radio pin connector D
- T8m 8-pin connector, on satellite radio
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- T54a 54-pin connector, on TV tuner
- (B421) Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Navigation system RNS-low (7Q9)
- ** Navigation system RNS-E (7Q2)
- *** radio with standard soundsystem (9VD)
- **** from February 2009
- # radio with BOSE soundsystem (8RY)
- ## models with preparation for mobile telephone (9ZF)
- ### only USA
- ◆ models with TV tuner
- ◆◆ models with navigation system Japan (7Q4)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Haldex coupling with four-wheel drive

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

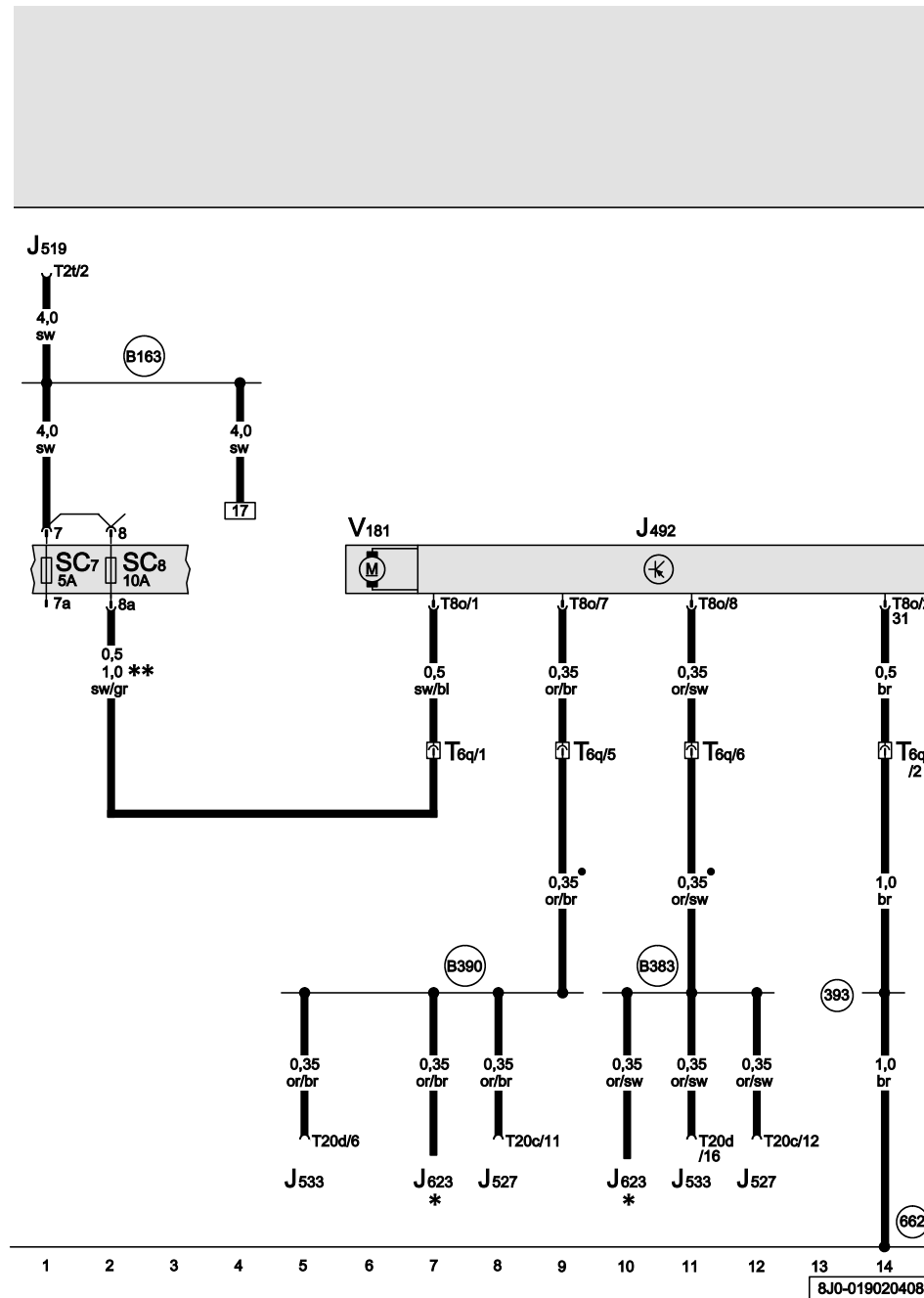


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Four-wheel drive control unit, haldex coupling pump, fuses

- J492 Four-wheel drive control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8o 8-pin connector, black, on four-wheel drive control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- V181 Haldex coupling pump

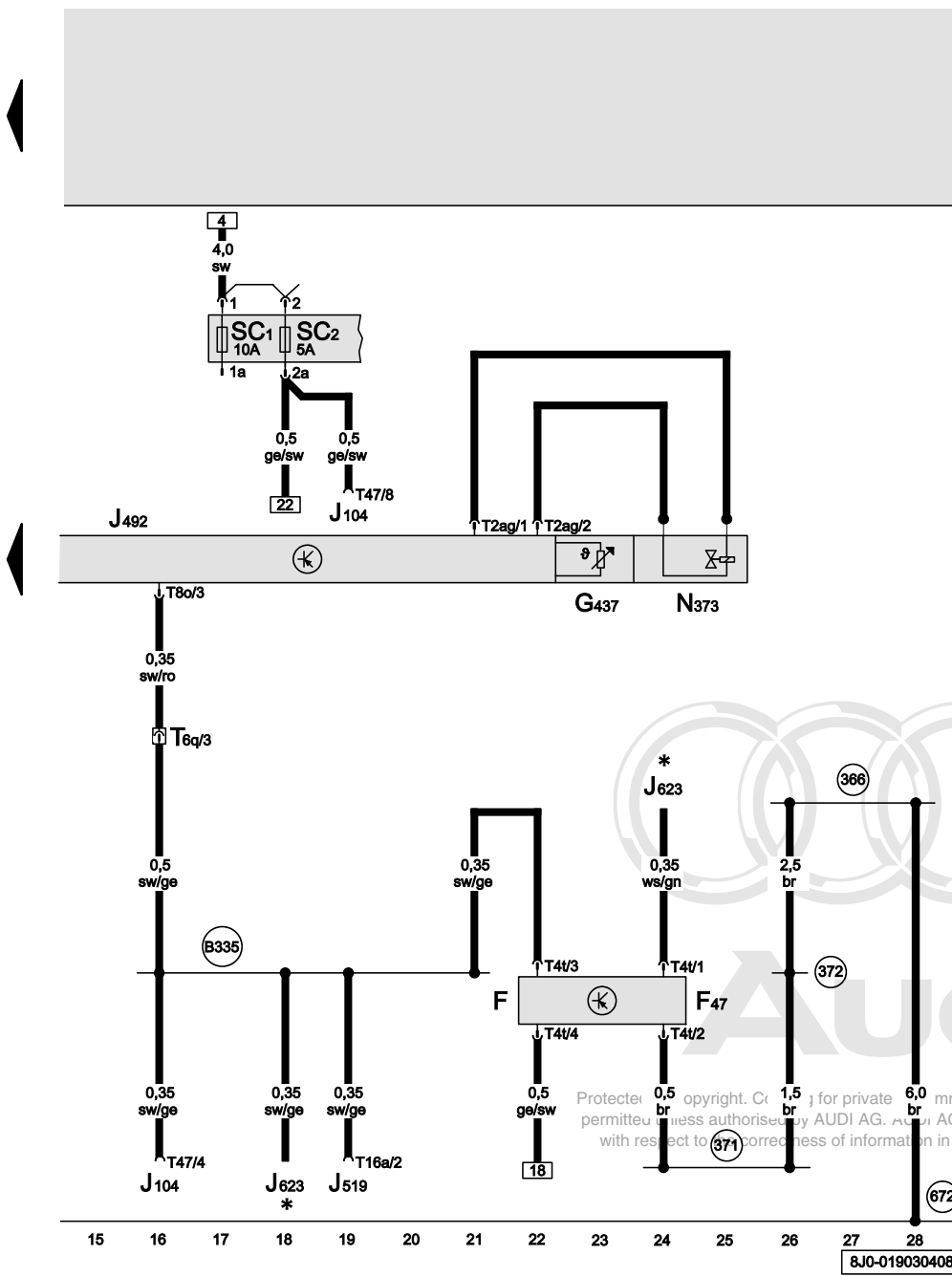
- 393 Earth connection 28, in main wiring harness
- 662 Earth point, rear left side panel
- B163 Positive connection 1 (15), in interior wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram
- ** phased-in modification



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Four-wheel drive control unit, brake light switch, oil pressure and oil temperature sender, coupling opening control valve



- F Brake light switch
- F47 Brake pedal switch
- G437 Oil pressure and oil temperature sender
- J104 ABS control unit
- J492 Four-wheel drive control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- N373 Coupling opening control valve
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- T2ag 2-pin connector, near four-wheel drive control unit
- T4t 4-pin connector, black, on brake light switch
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8o 8-pin connector, black, on four-wheel drive control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- 366 Earth connection 1, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B335 Connection 1 (54), in main wiring harness
- * ⇒ Engine Current Flow Diagram

Headlight for gaseous discharge light (Bixenon) and automatic headlight range control

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

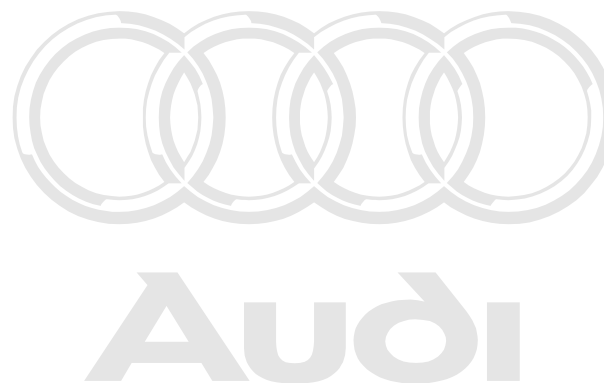
- ◆ Earth connections

⇒ List of Fitting Locations!

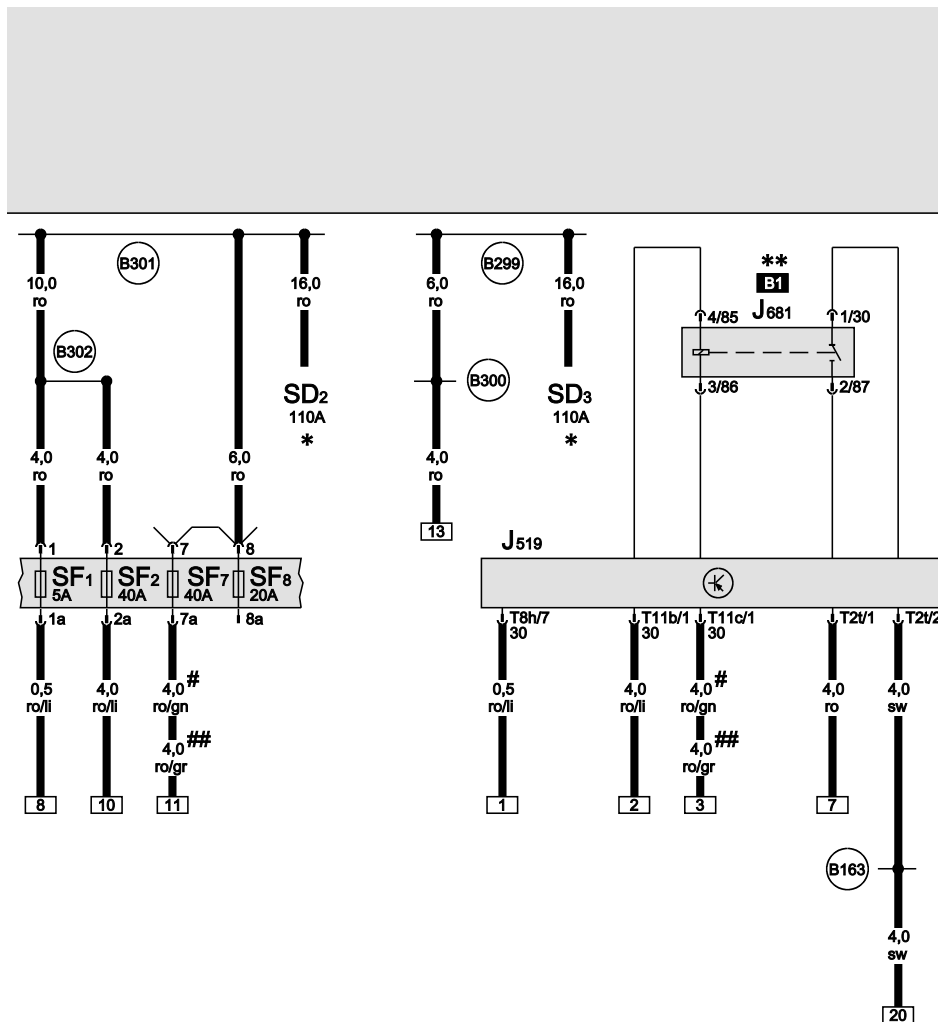
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2i 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- B163 Positive connection 1 (15), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- main fuse box, in luggage compartment, rear right, on the battery
- Relay carrier on onboard power supply control unit, under left dash panel
- # Coupé
- ## Roadster

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, light switch

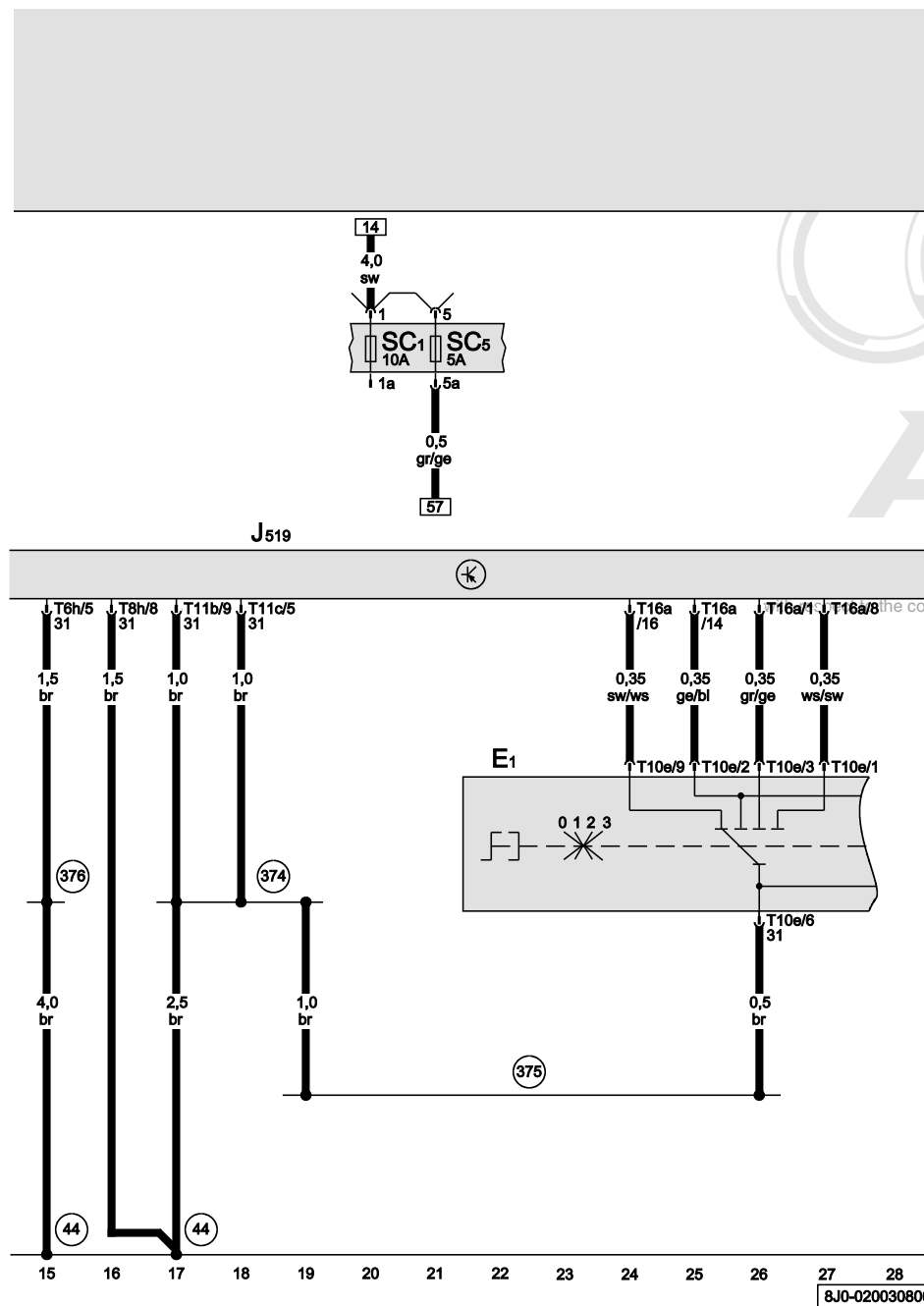
- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit

44 Earth point, lower part of left A-pillar

374 Earth connection 9, in main wiring harness

375 Earth connection 10, in main wiring harness

376 Earth connection 11, 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

Onboard supply control unit, left gas discharge light control unit

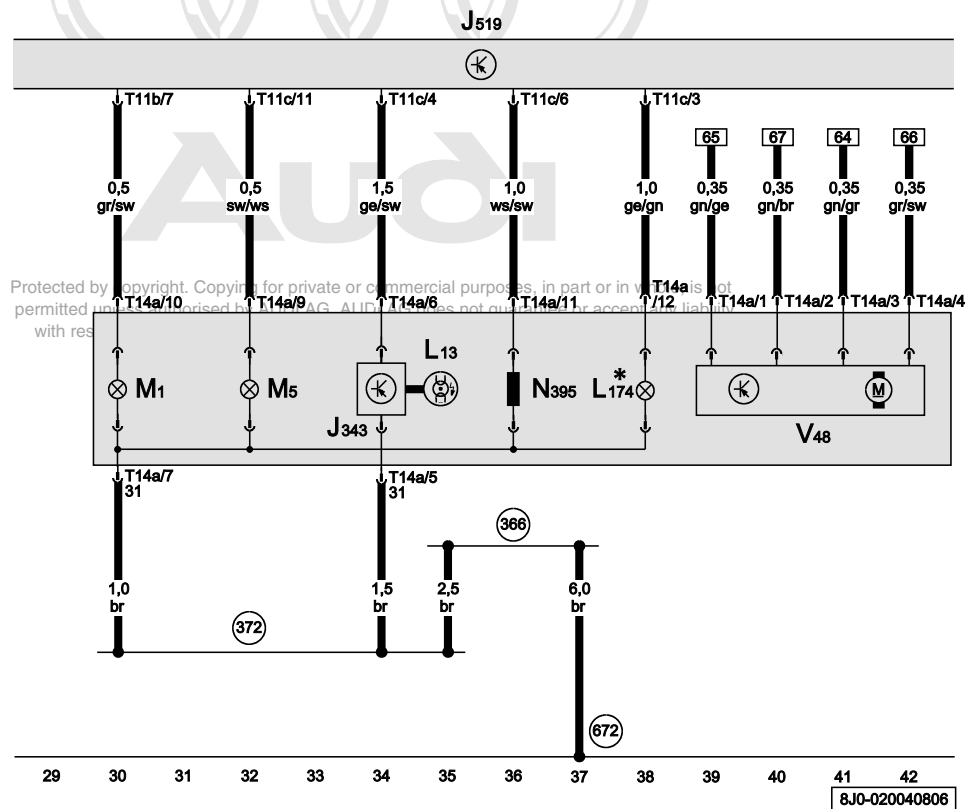
- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- N395 Left headlight screen adjustment solenoid
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14a 14-pin connector, black, on left of headlight
- V48 Left headlight range control motor

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

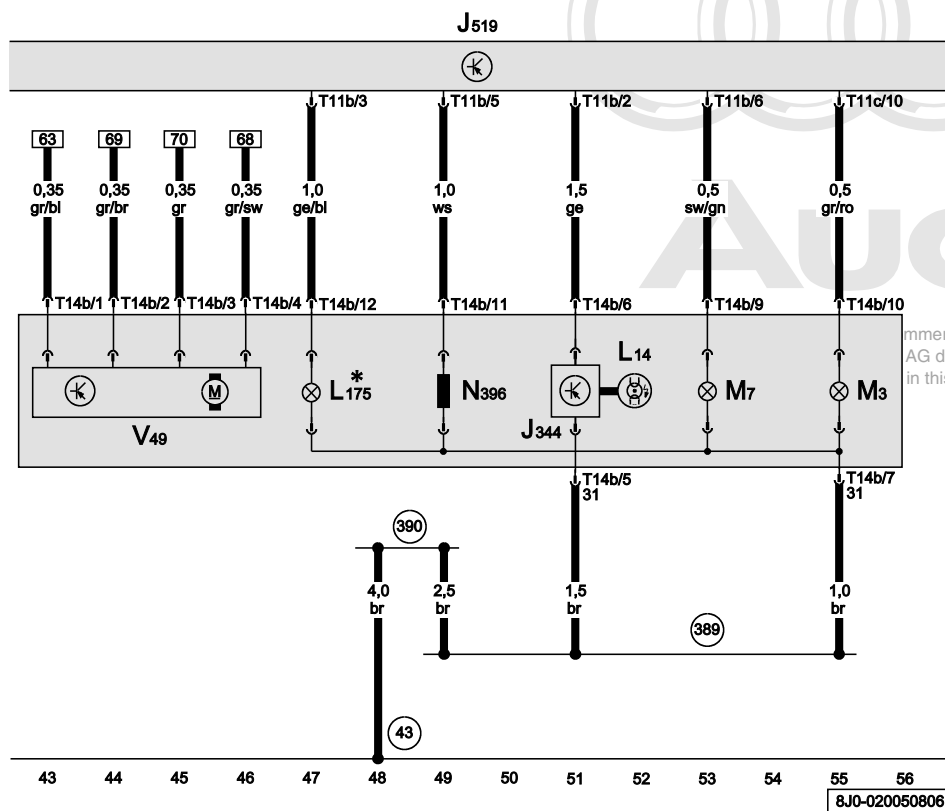
672 Earth point 2, on front of left longitudinal member

* models with day driving light



Onboard supply control unit, right gas discharge light control unit

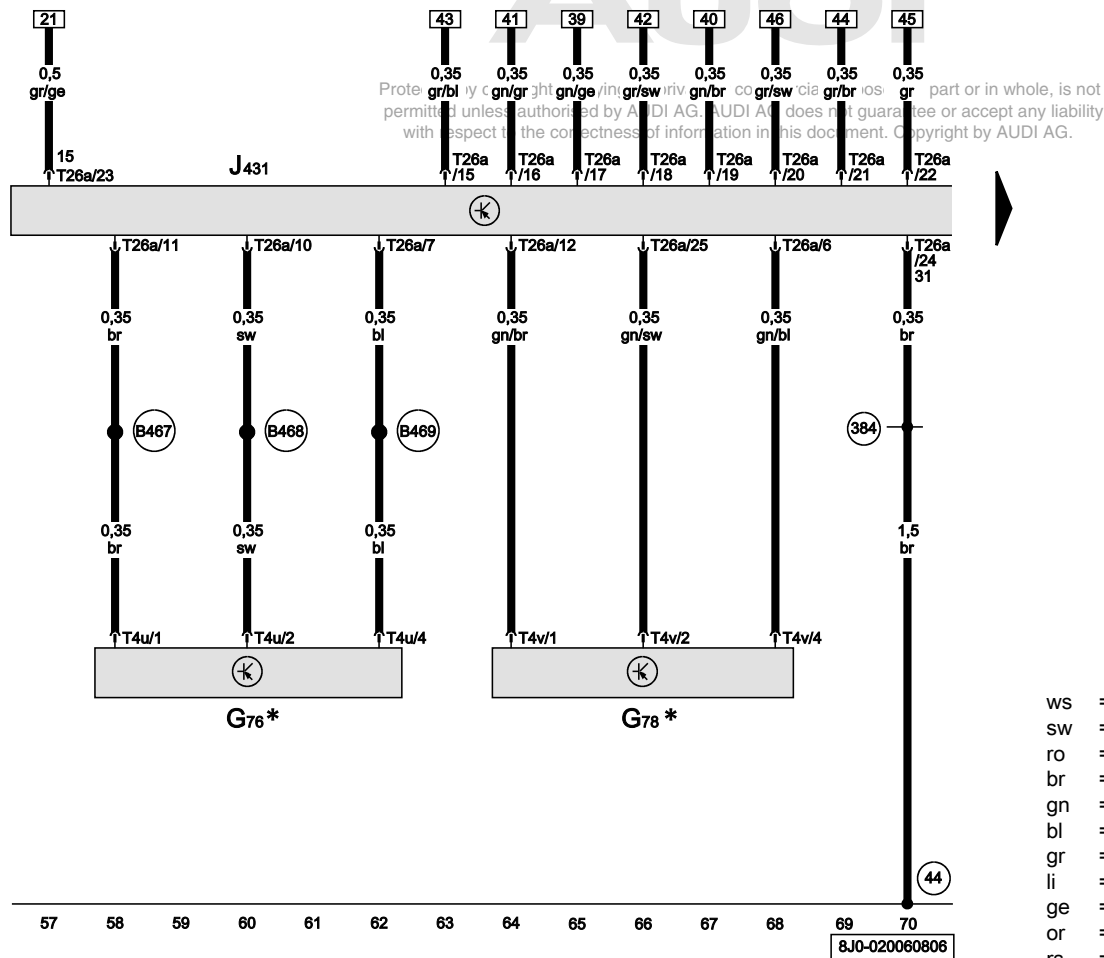
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- N396 Right headlight screen adjustment solenoid
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14b 14-pin connector, black, on right of headlight
- V49 Right headlight range control motor
- 43 Earth point, lower part of right A-pillar
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- * models with day driving light



Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B467 Connection 3, in main wiring harness
- B468 Connection 4, in main wiring harness
- B469 Connection 5, in main wiring harness
- * not for electronically controlled damping

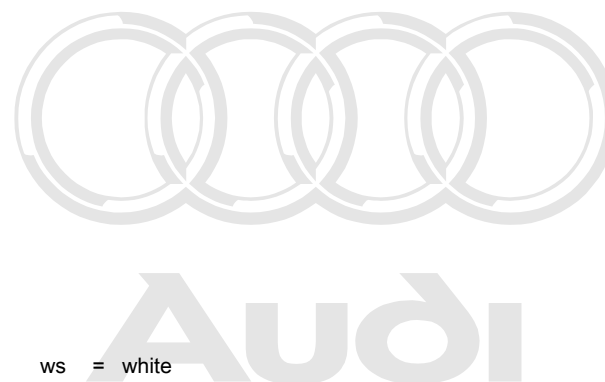
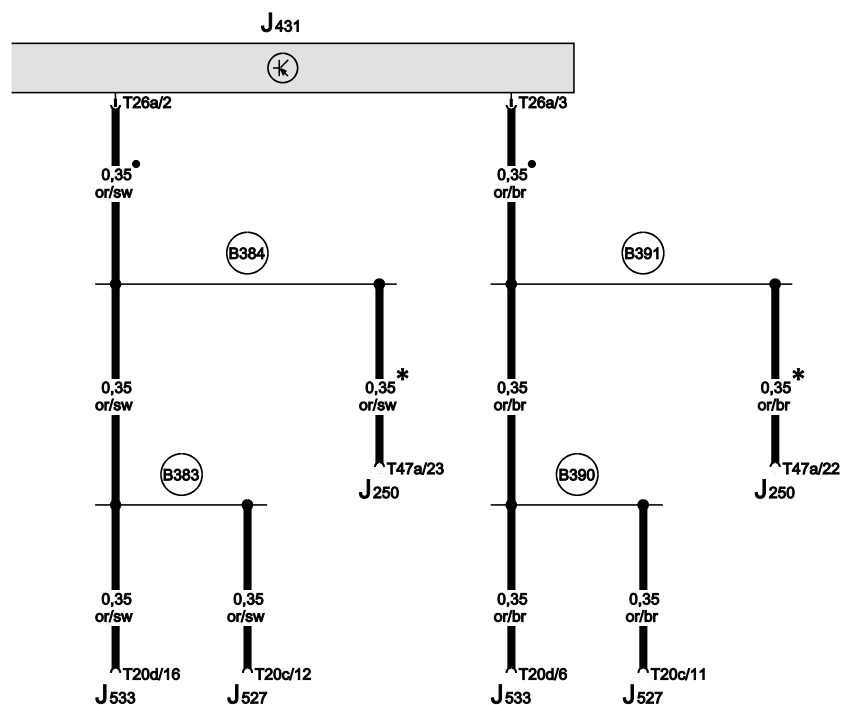


Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * with electronically controlled damping



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

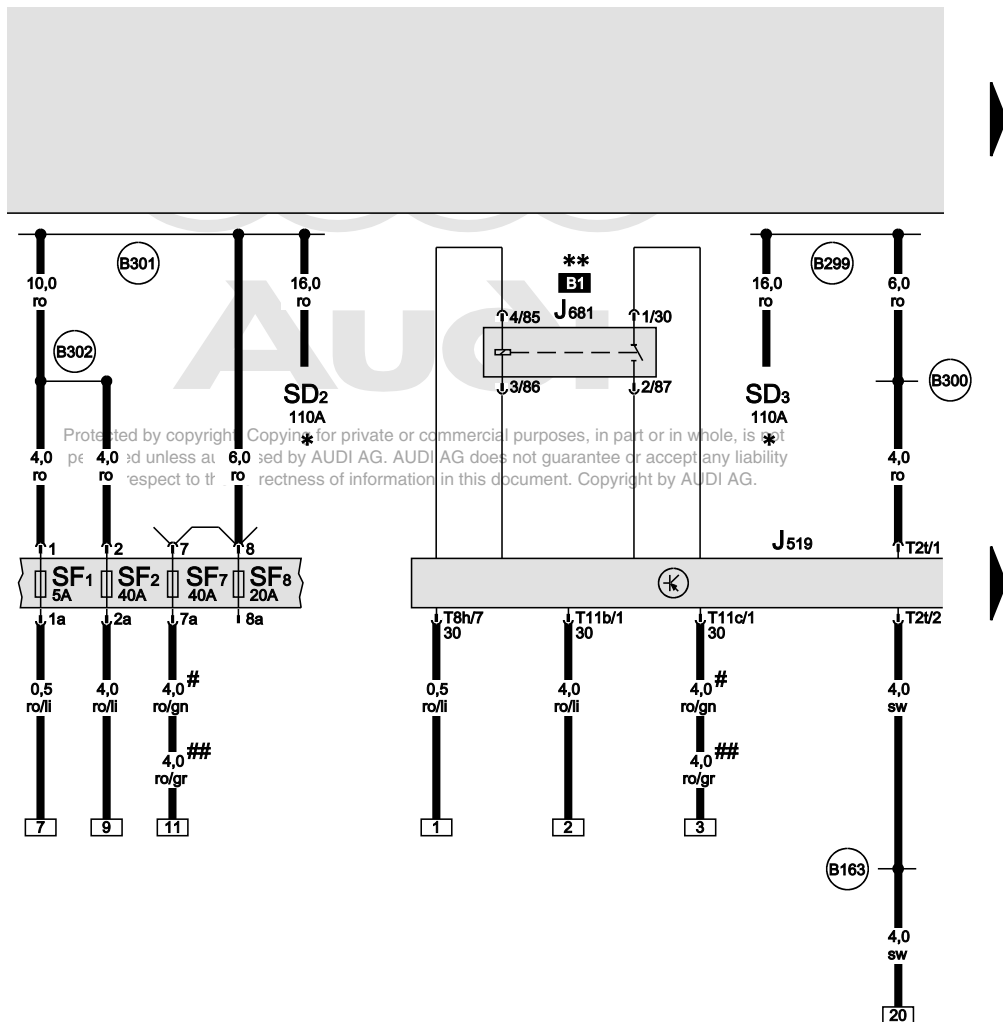
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

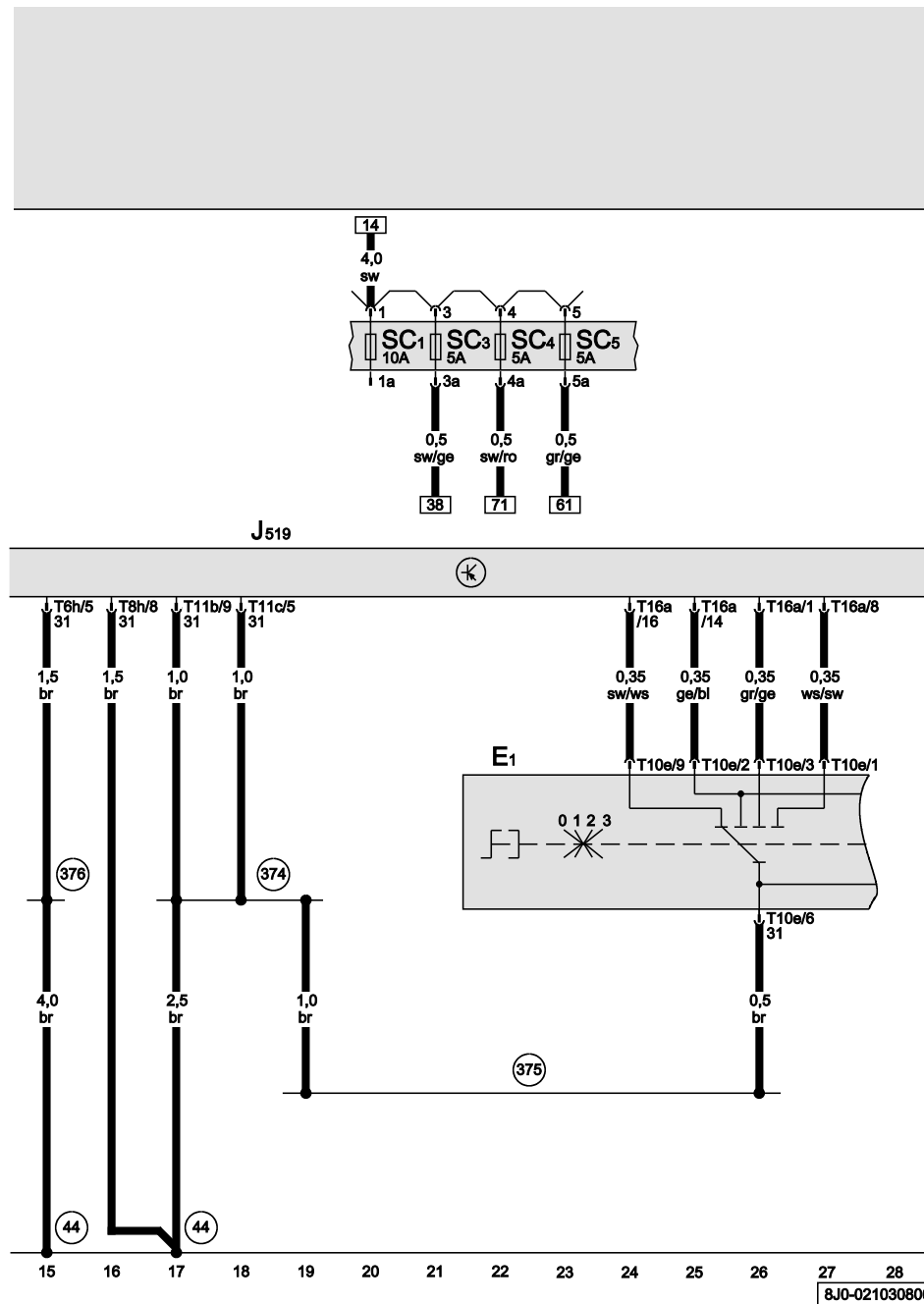
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- B163 Positive connection 1 (15), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit, under left dash panel
- # Coupé
- ## Roadster

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, light switch

- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 376 Earth connection 11, 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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Onboard supply control unit, left gas discharge light control unit, power output module for left headlight

- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14a 14-pin connector, black, on left of headlight
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

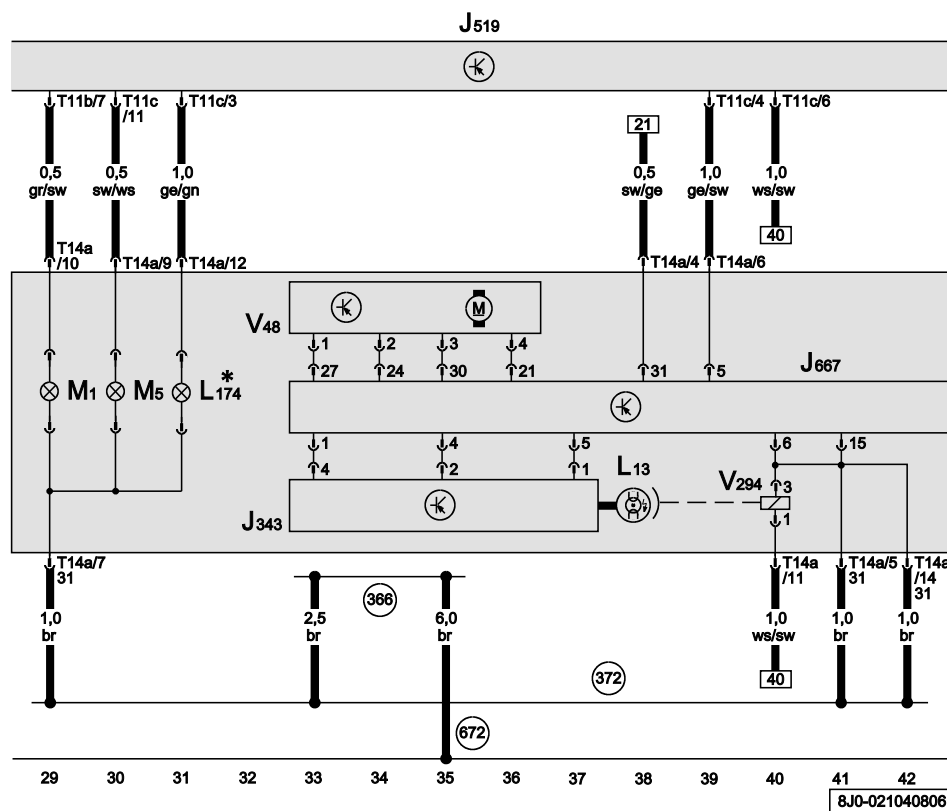
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

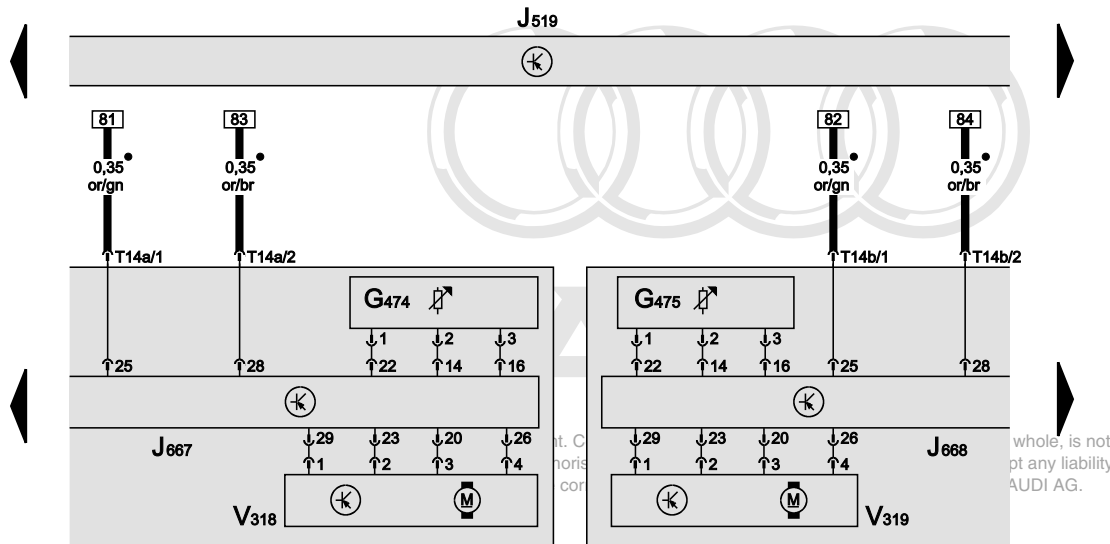
* models with day driving light



- 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, power output module for left headlight, power output module for right headlight, swivel module position sensor, dynamic cornering light control motor

- G474 Left swivel module position sensor
- G475 Right swivel module position sensor
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- J668 Power output module for right headlight
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V318 Left dynamic cornering light control motor
- V319 Right dynamic cornering light control motor
- CAN bus (data wire)



- 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 gas discharge light control unit, power output module for right headlight

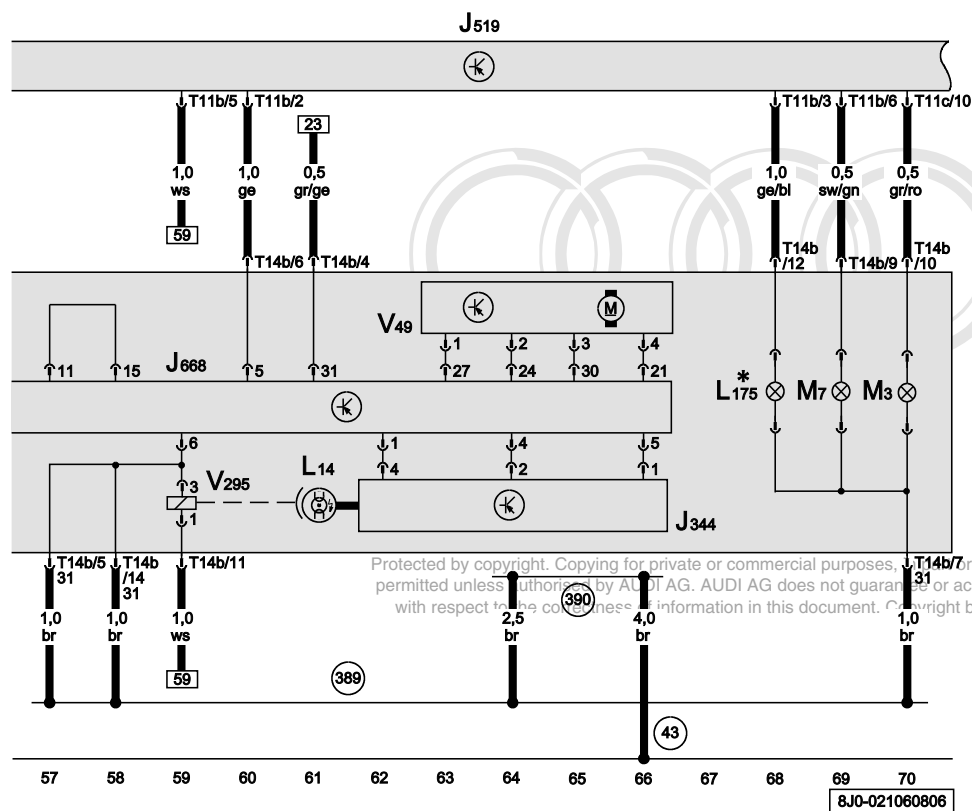
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14b 14-pin connector, black, on right of headlight
- V49 Right headlight range control motor
- V295 Right dip beam screen motor

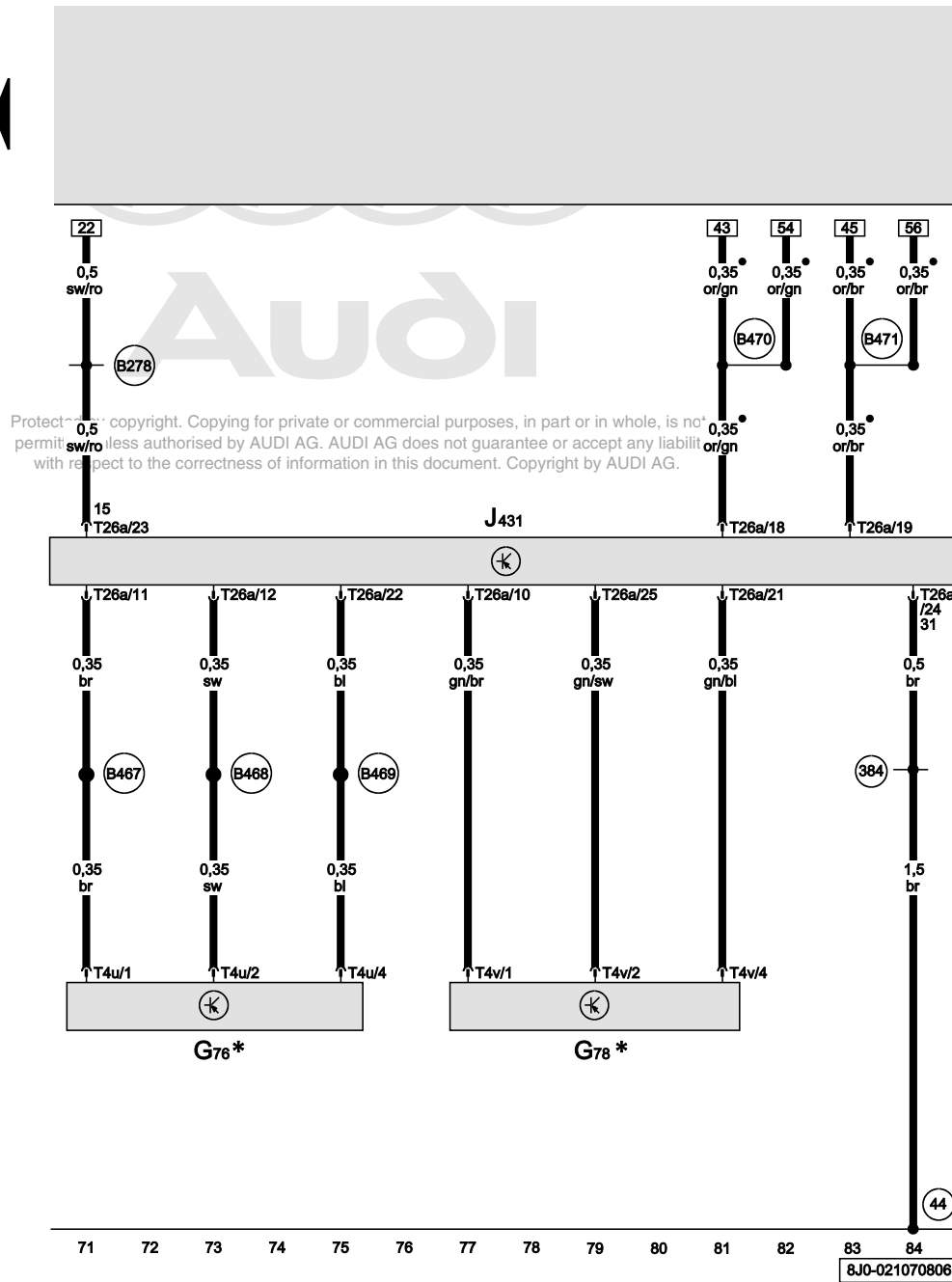
43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

* models with day driving light





Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

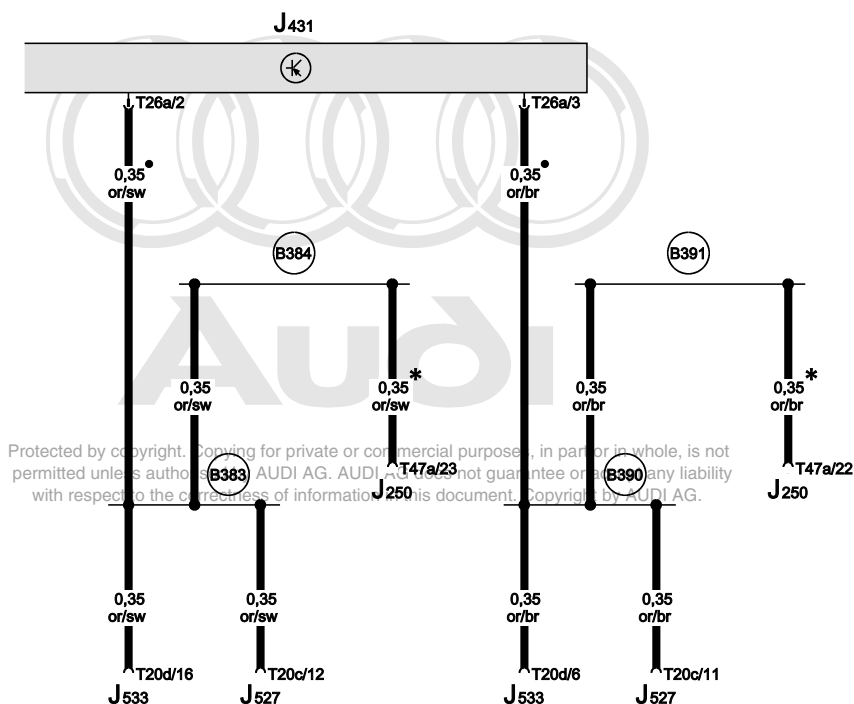
- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B467 Connection 3, in main wiring harness
- B468 Connection 4, in main wiring harness
- B469 Connection 5, in main wiring harness
- B470 Connection 6, in main wiring harness
- B471 Connection 7, in main wiring harness
- CAN bus (data wire)
- * not for electronically controlled damping

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * with electronically controlled damping



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

Multifunction steering wheel

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

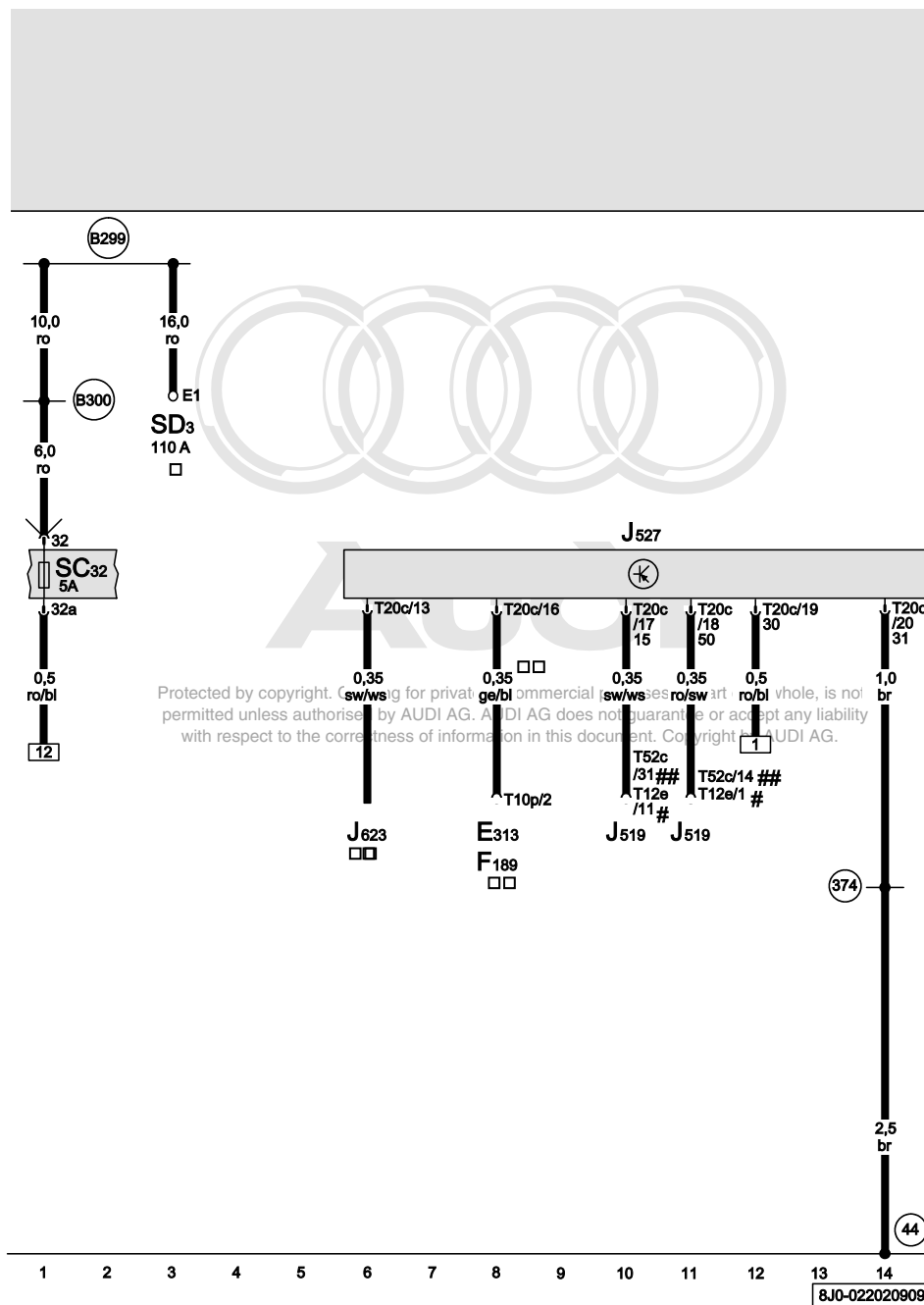
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



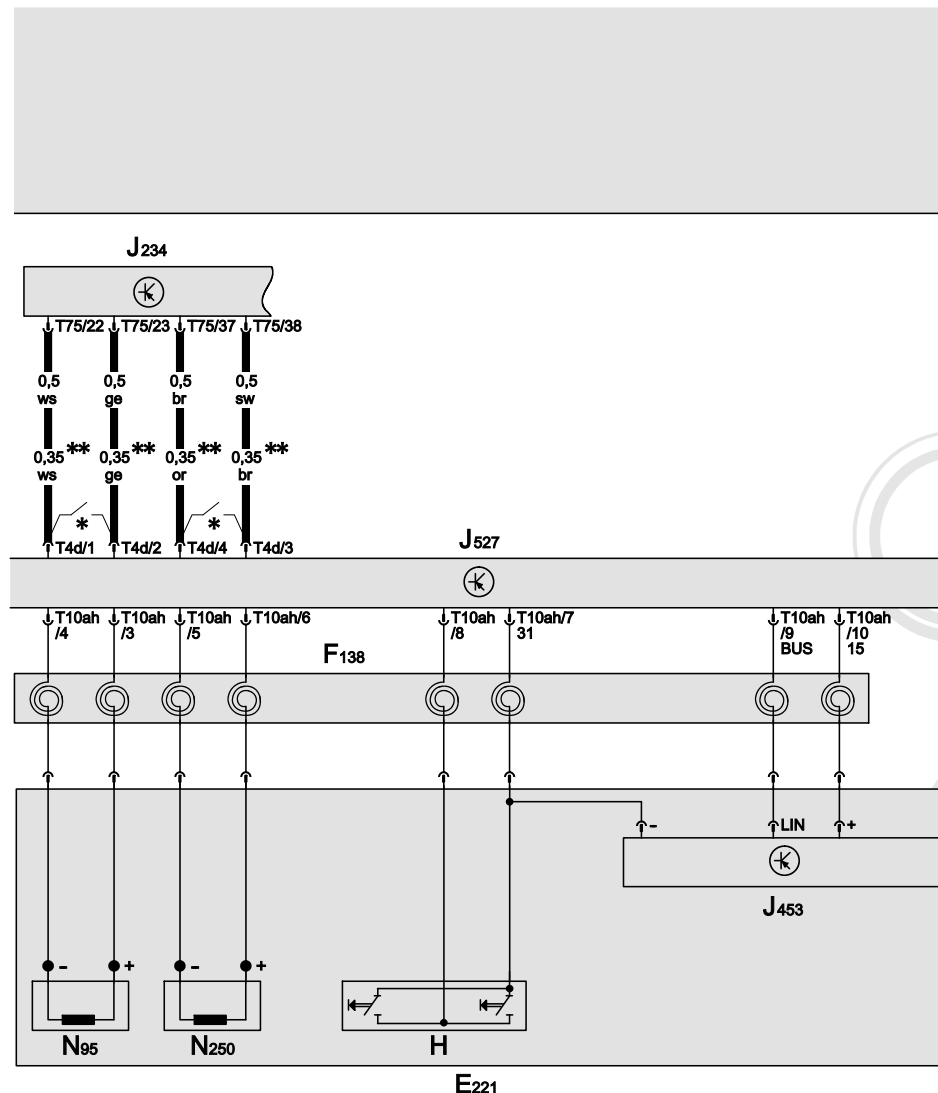
Steering column electronics control unit, fuses

- E313 Selector lever
- F189 Tiptronic switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T10p 10-pin connector, on Tiptronic switch
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery models with direct shift gearbox 02E and automatic gearbox
- ** ⇒ Engine Current Flow Diagram
- # up to May 2009
- ## from June 2009

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

Steering column electronics control unit, airbag coil connector and return spring with slip ring, driver side airbag igniter, horn plate, multifunction steering wheel control unit

- E221 Operating unit in steering wheel
- F138 Airbag coil connector and return spring with slip ring
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T10ah 10-pin connector, on steering column electronics control unit
- T75 75-pin connector, yellow, on airbag control unit
- * short circuit bridge becomes effective when connector is unplugged
- ** from June 2009

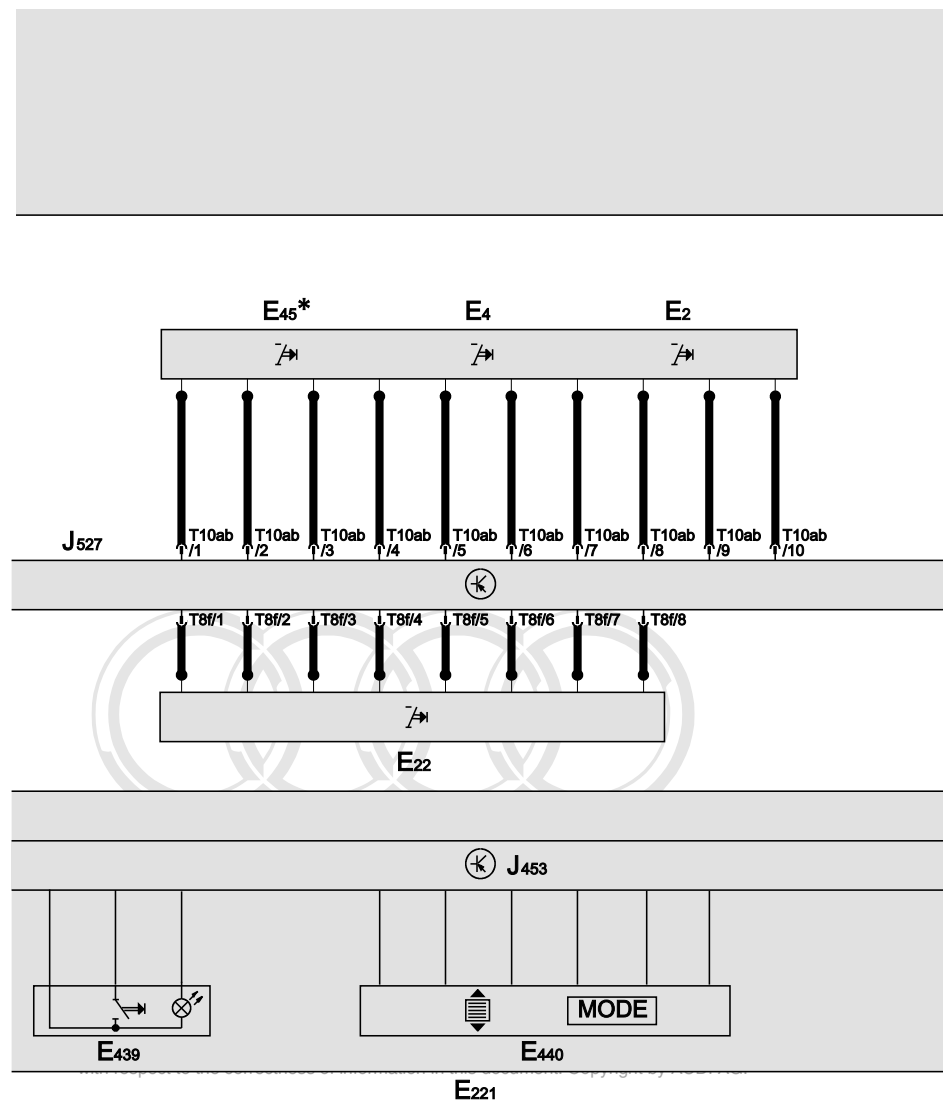


right. Copying for private or commercial purposes, in part or in whole, is not authorised by AUDI AG. AUDI AG does not guarantee or accept any liability for the correctness of information in this document. Copyright by AUDI AG.

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

Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, operating unit in steering wheel, multifunction buttons on left in steering wheel

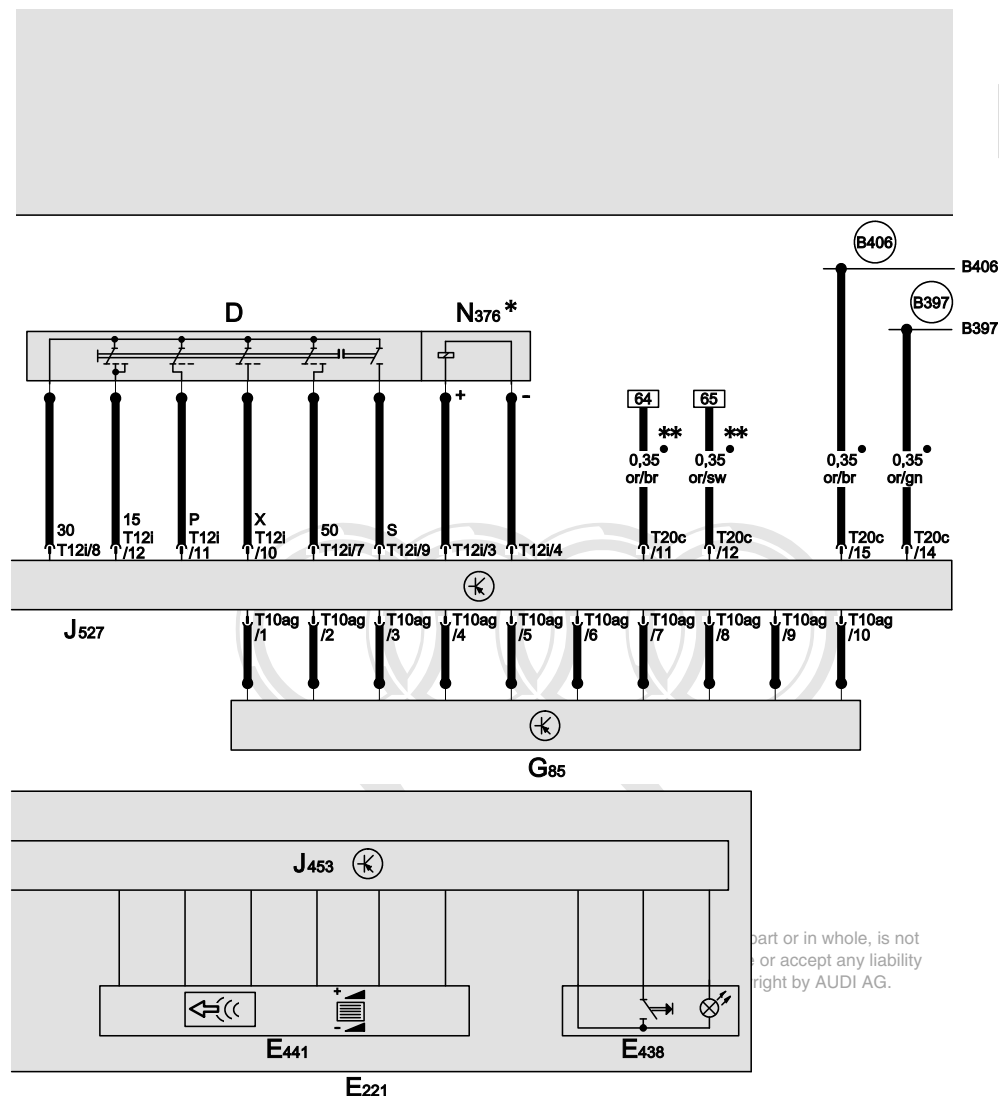
- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- T8f 8-pin connector, on steering column electronics control unit
- T10ab 10-pin connector, on steering column electronics control unit
- * 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

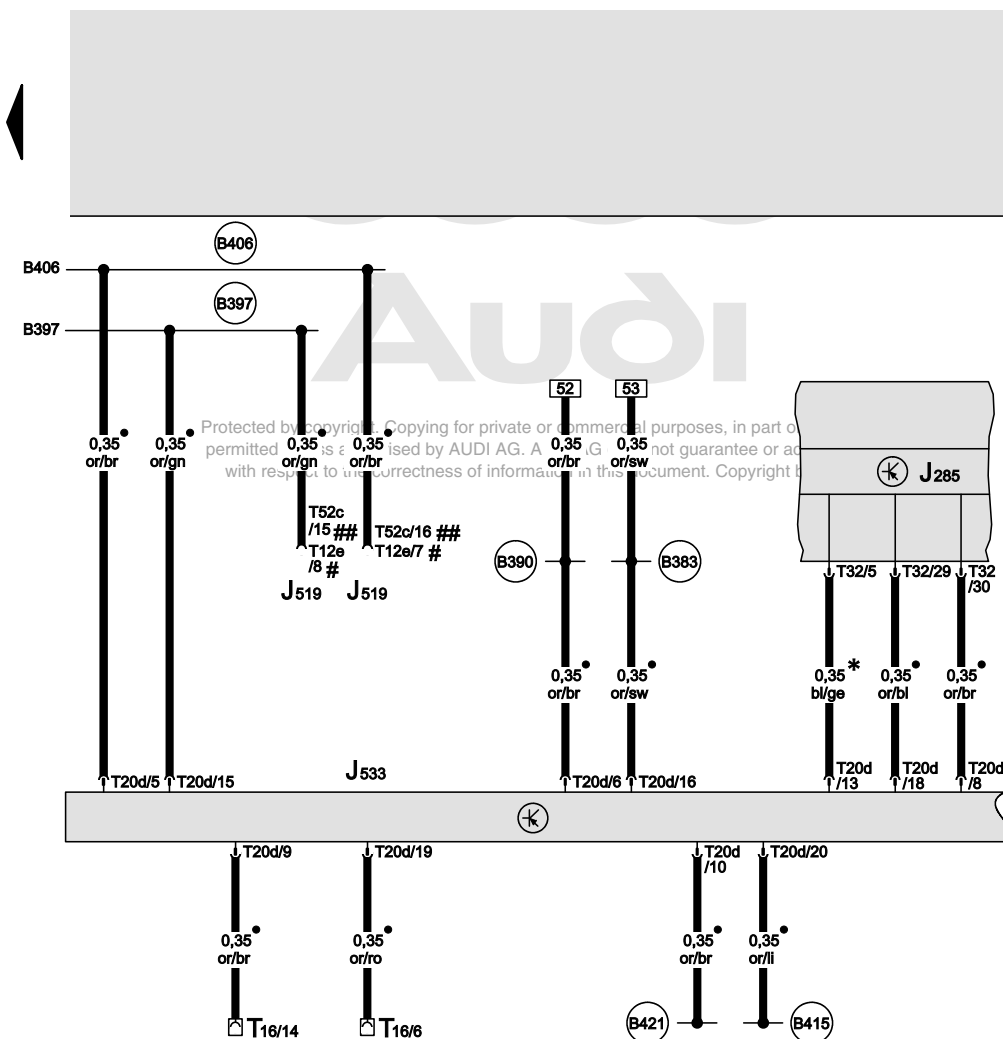
Steering column electronics control unit, ignition/starter switch, ignition key withdrawal lock solenoid, operating unit in steering wheel, multifunction buttons on right in steering wheel, steering angle sender

- D Ignition/starter switch
- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E441 Multifunction buttons on right in steering wheel
- G85 Steering angle sender
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T10ag 10-pin connector, on steering column electronics control unit
- T12i 12-pin connector, on steering column electronics control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- Ⓢ Connection 1 (convenience CAN bus, high), in main wiring harness
- Ⓛ Connection 1 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * models with automatic gearbox
- ** Is dropped from June 2009



part or in whole, is not
or accept any liability
right by AUDI AG.

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



Data bus diagnostic interface, control unit in dash panel insert, CAN bus wiring

- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T16 16-pin connector, diagnostic connector
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- T52c 52-pin connector, brown, on onboard supply control unit
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train 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
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * Wake Up wire (exciter wire)
- # up to May 2009
- ## from June 2009

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

Steering wheel with Tiptronic switch rockers

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

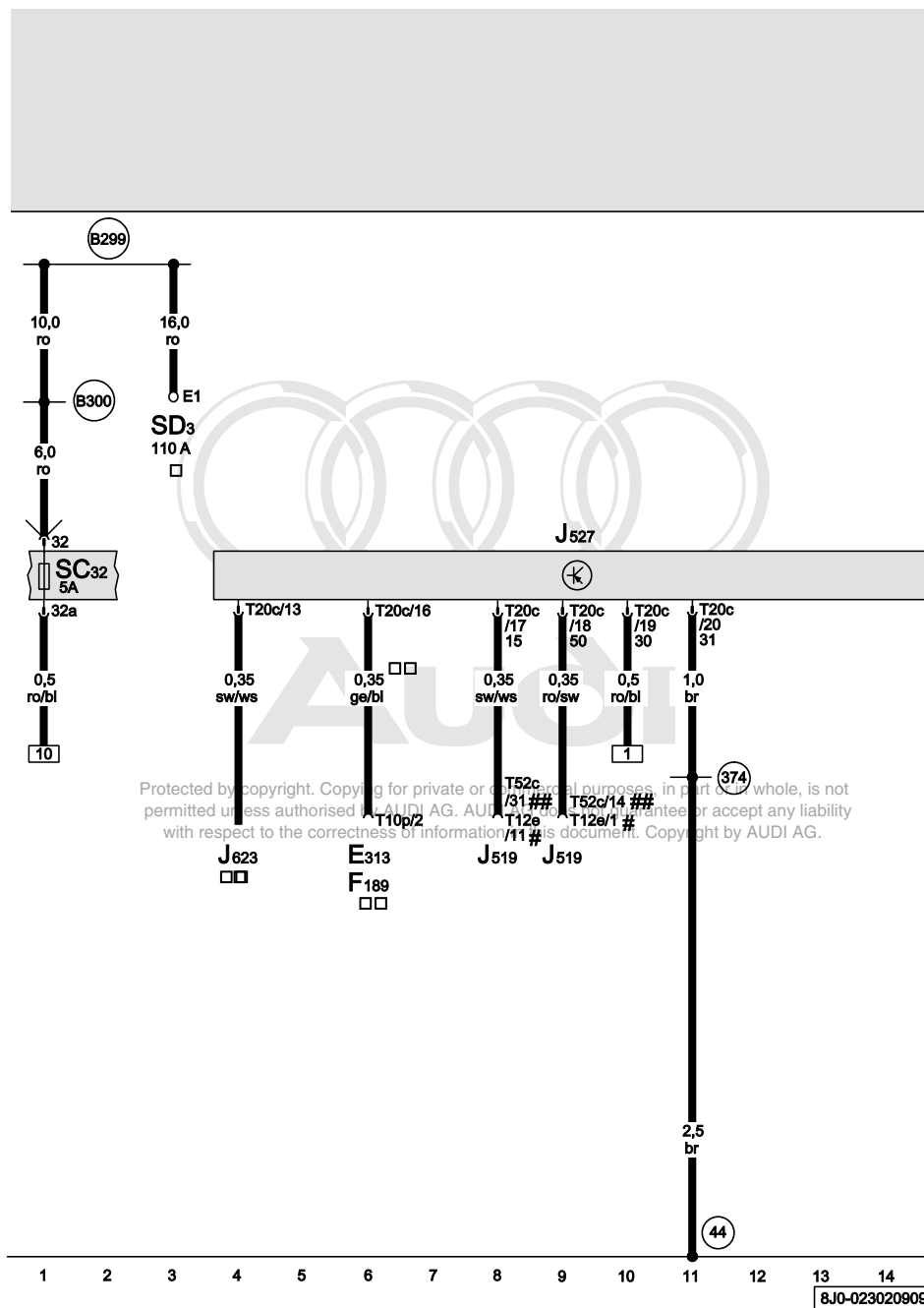
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Steering column electronics control unit, fuses

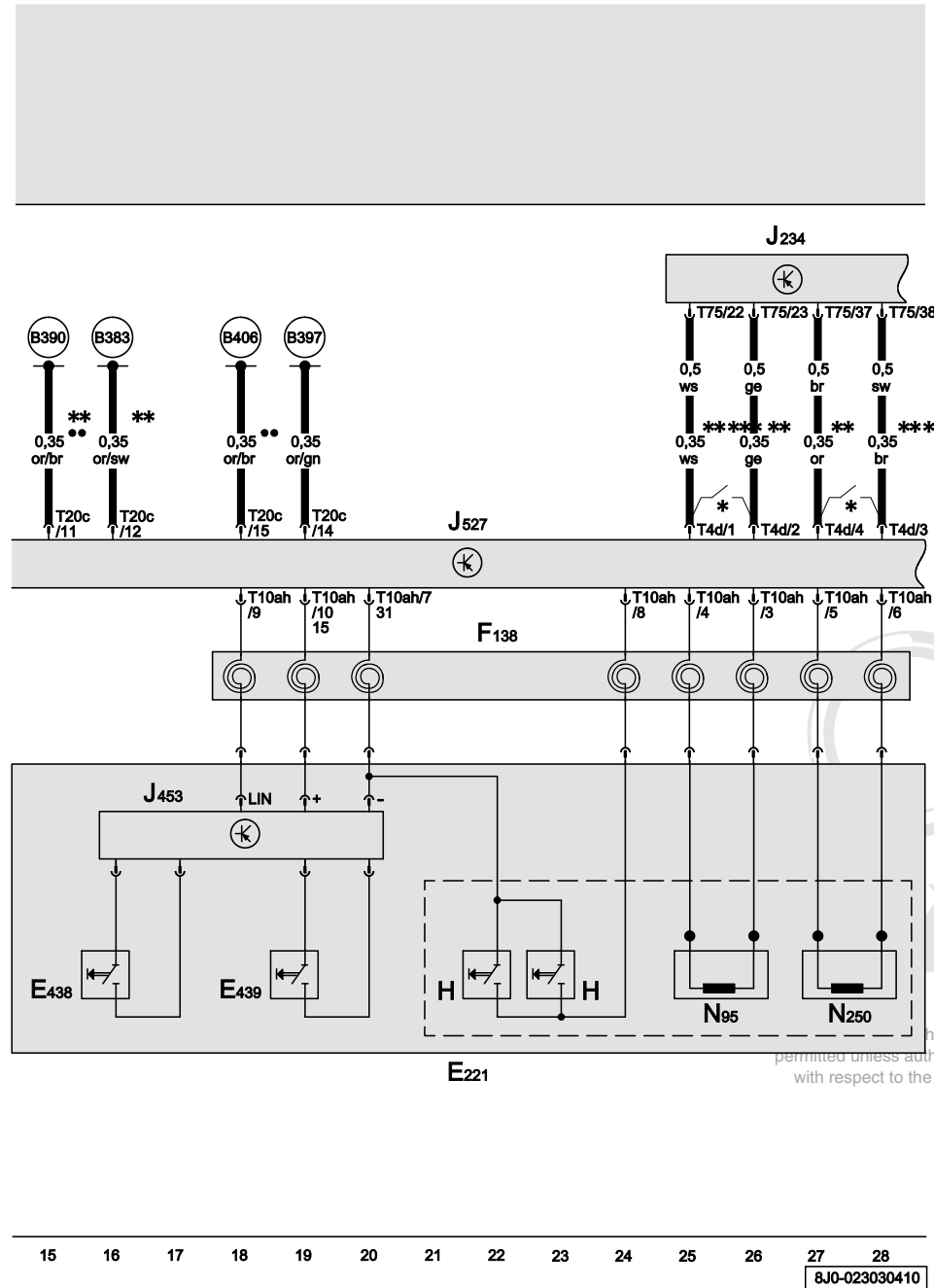
- E313 Selector lever
- F189 Tiptronic switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T10p 10-pin connector, on Tiptronic switch
- T12e 12-pin connector, black, connector G, on onboard power supply control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery models with direct shift gearbox 02E and automatic gearbox
- ** ⇒ Engine Current Flow Diagram
- # up to May 2009
- ## from June 2009

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

Steering column electronics control unit, operating unit in steering wheel, airbag coil connector and return ring with slip ring

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E439 Tiptronic switch in steering wheel to shift down
- F138 Airbag coil connector and return spring with slip ring
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T10ah 10-pin connector, on steering column electronics control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T75 75-pin connector, yellow, on airbag control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train 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
- CAN bus (data wire)
- * short circuit bridge becomes effective when connector is unplugged
- ** up to May 2009
- *** from June 2009



nt. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Preparation for radio (8YU)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

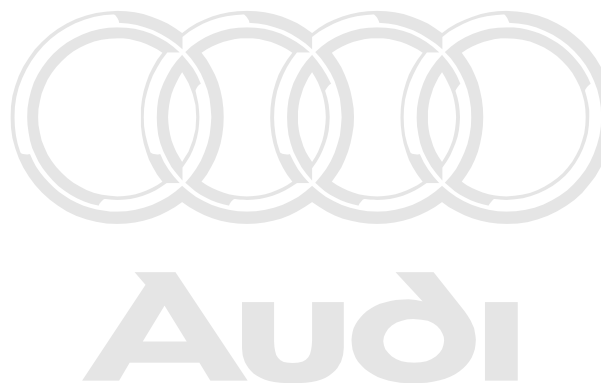
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

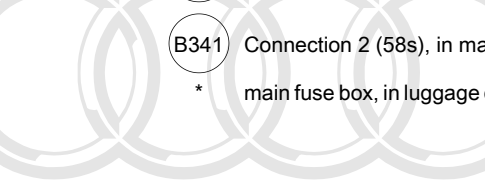
⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



J519	Onboard supply control unit
R24	Aerial amplifier
SC32	Fuse 32 on fuse holder C
SC34	Fuse 34 on fuse holder C
SD3	Fuse 3 on fuse holder D
T2d	2-pin connector, white, on rear right roof frame
T8c	8-connector, black, preparation for radio supply
T12c	12-pin connector, black, connector B, on onboard power supply control unit

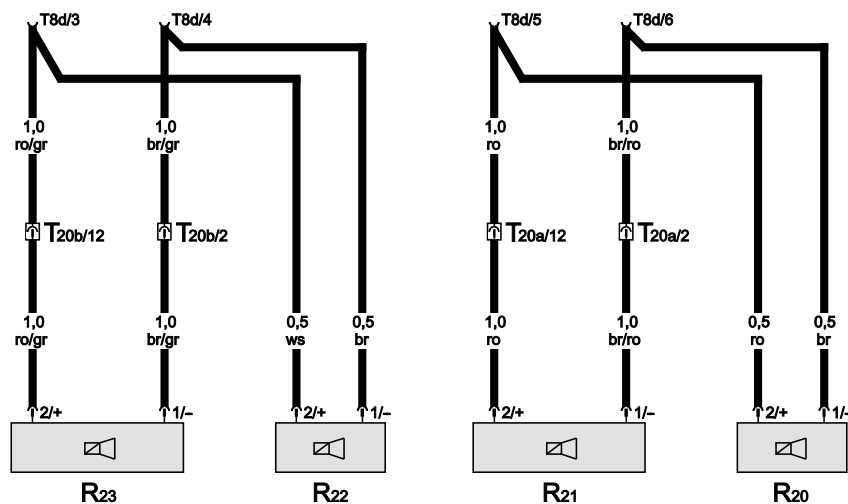
- 
- The diagram shows the rear window wiring harness with two labels: B340 and B341. B340 is connected to Connection 1 (58s) in the main wiring harness. B341 is connected to Connection 2 (58s) in the main wiring harness. A note indicates that the main fuse box is in the luggage compartment.
- B340** Connection 1 (58s), in main wiring harness
- B341** Connection 2 (58s), in main wiring harness
- * main fuse box, in luggage compartment

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

Preparation for radio loudspeakers

- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T8d 8-connector, brown, preparation for radio loudspeakers
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Radio with standard soundsystem (9VD) Coupé

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

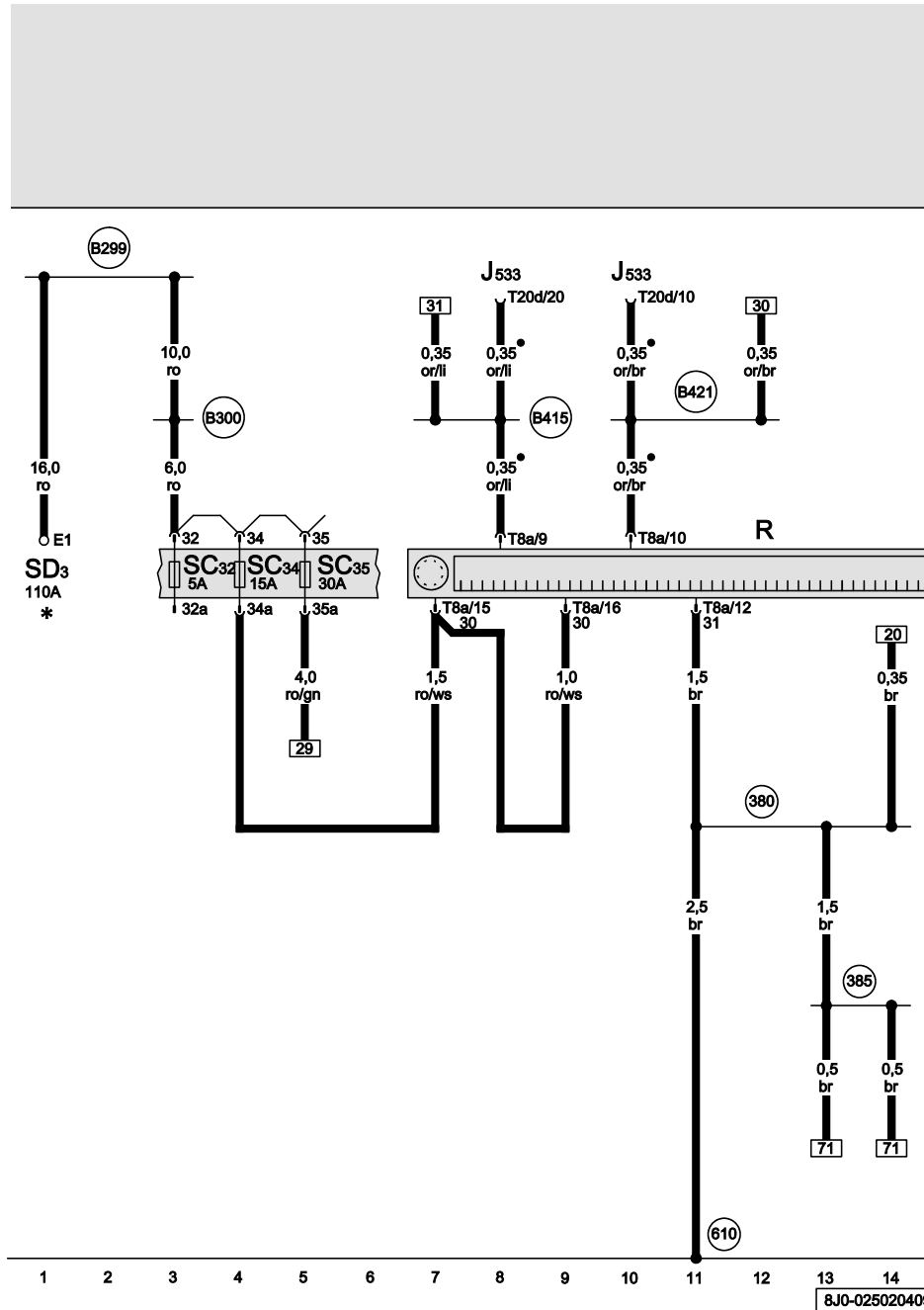
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface
- 380 Earth connection 15, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

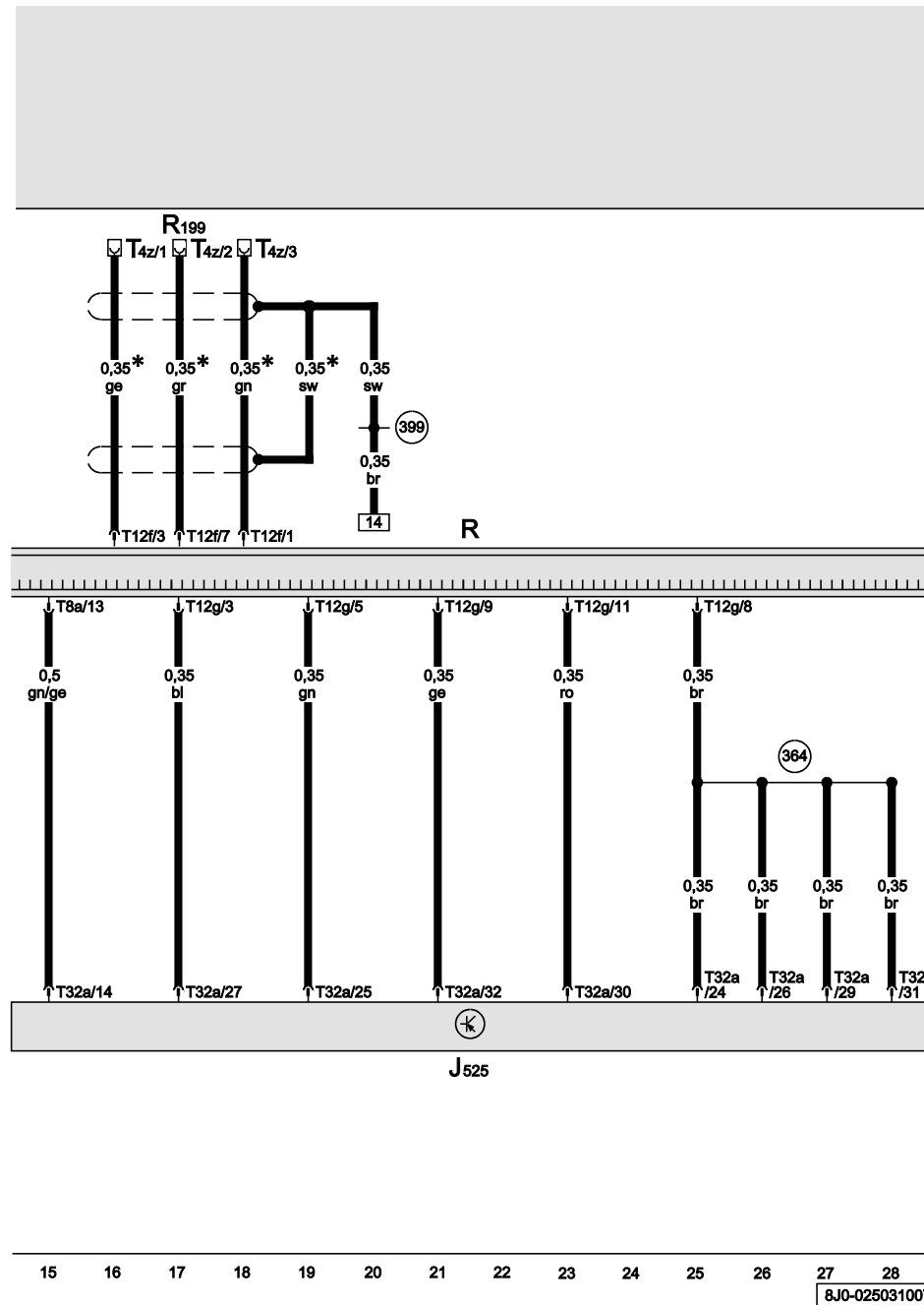
Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
 R Radio
 R199 Connection for external audio source
 T4z 4-pin connector, black, AUX-in bus, in centre console
 T8a 8-pin connector, black, radio pin connector D
 T12f 12-pin connector, blue, radio connector B
 T12g 12-pin connector, green, radio connector C
 T32a 32-pin connector, black, on digital sound package control unit

364 Earth connection 1 (LF), in dash panel wiring harness

399 Earth connection 34, in main wiring harness

* from November 2007



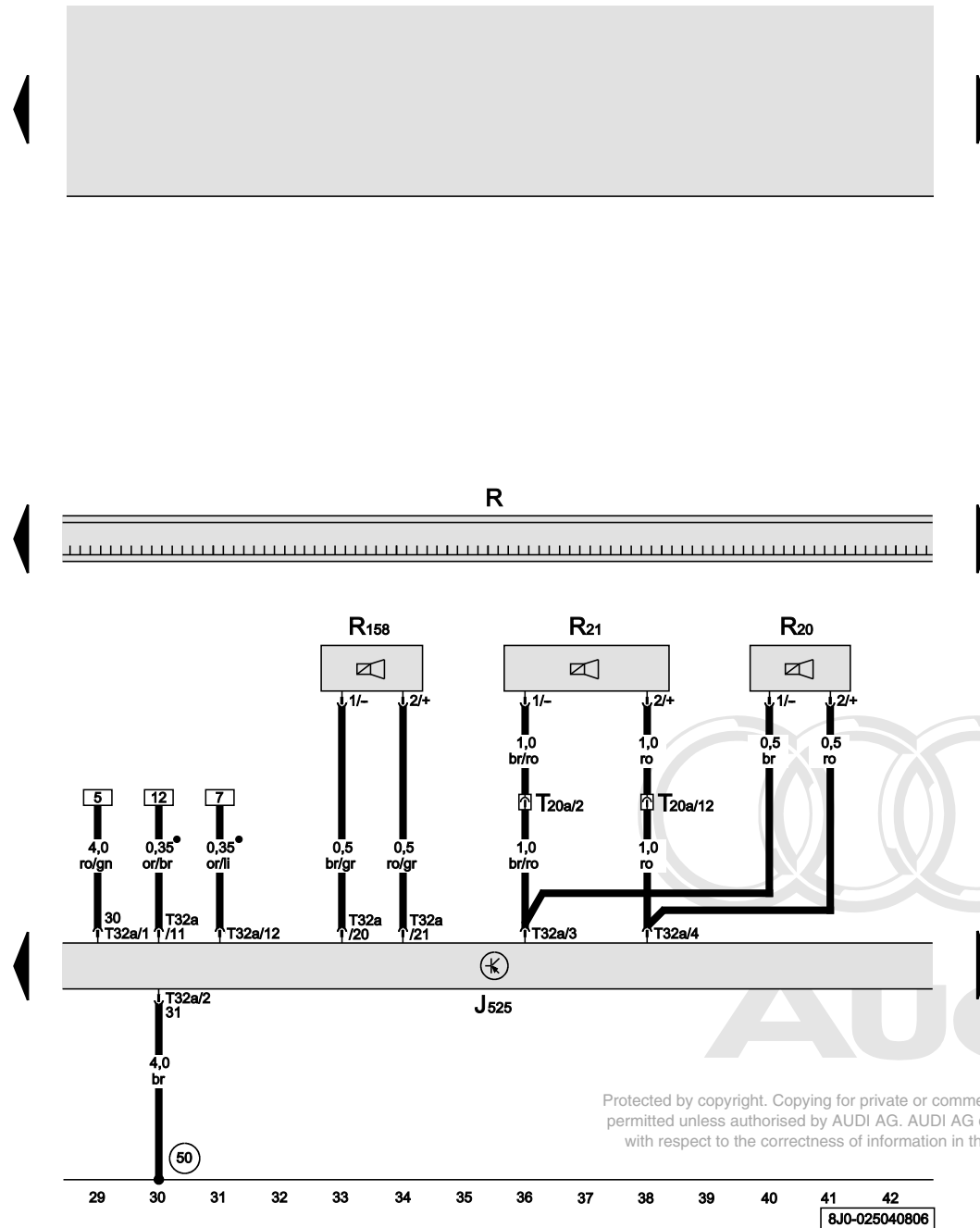
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T32a 32-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

- CAN bus (data wire)



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

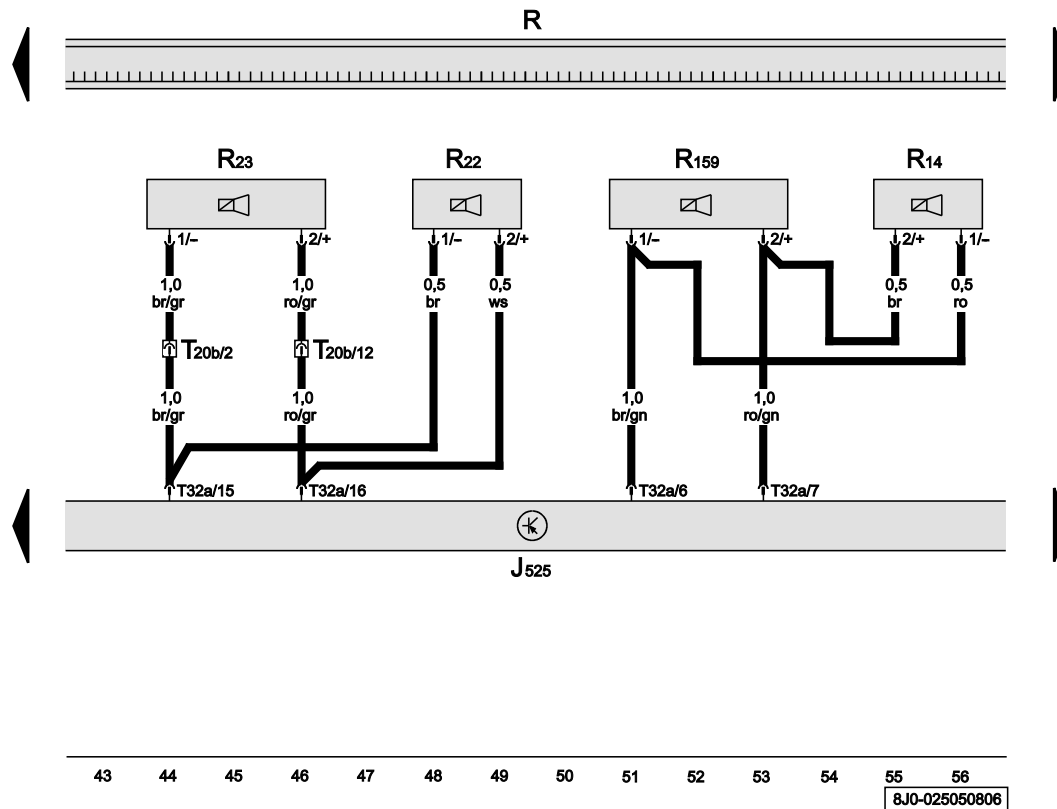
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

8J0-025040806

Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right bass loudspeaker, rear left mid-range and bass loudspeaker

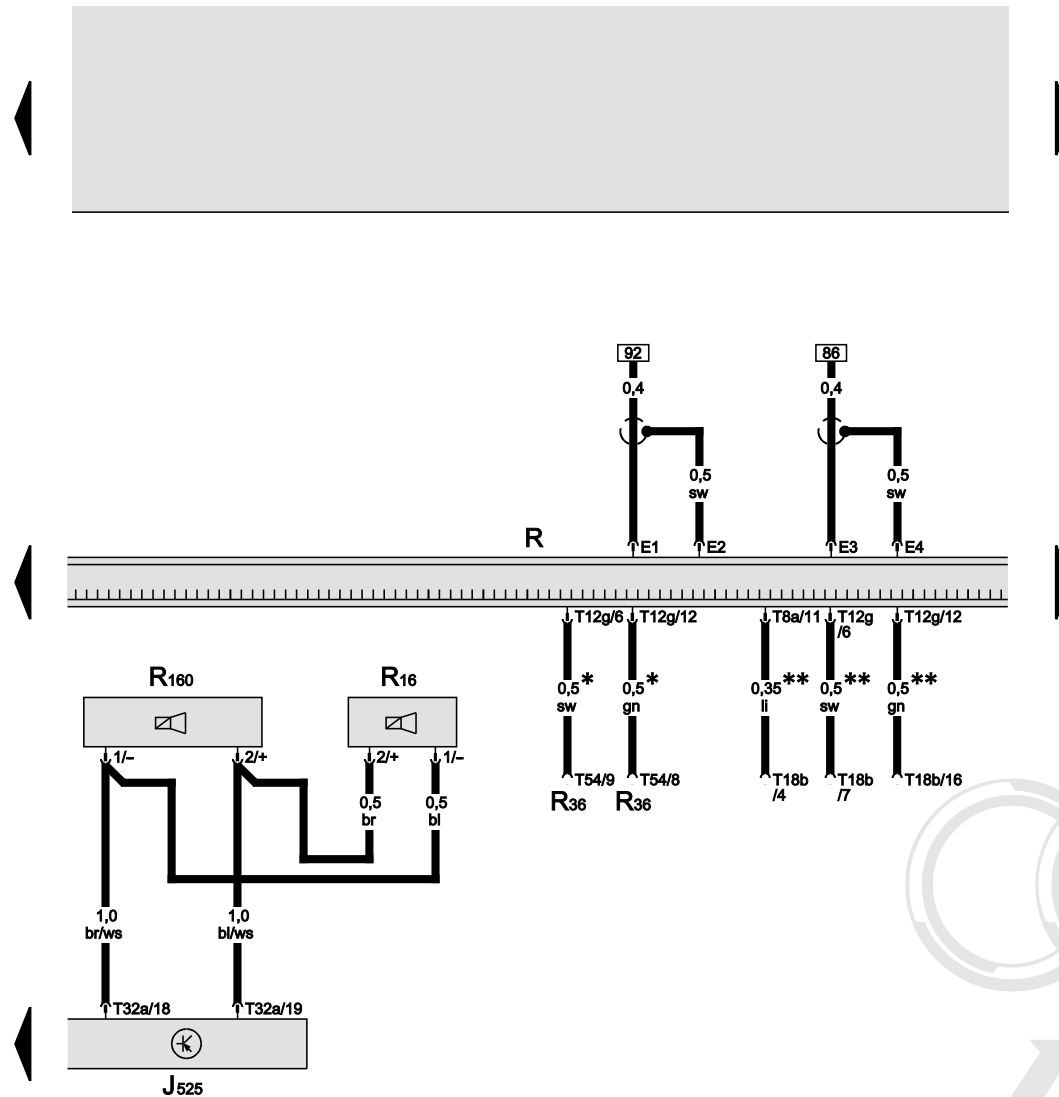
- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T32a 32-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)



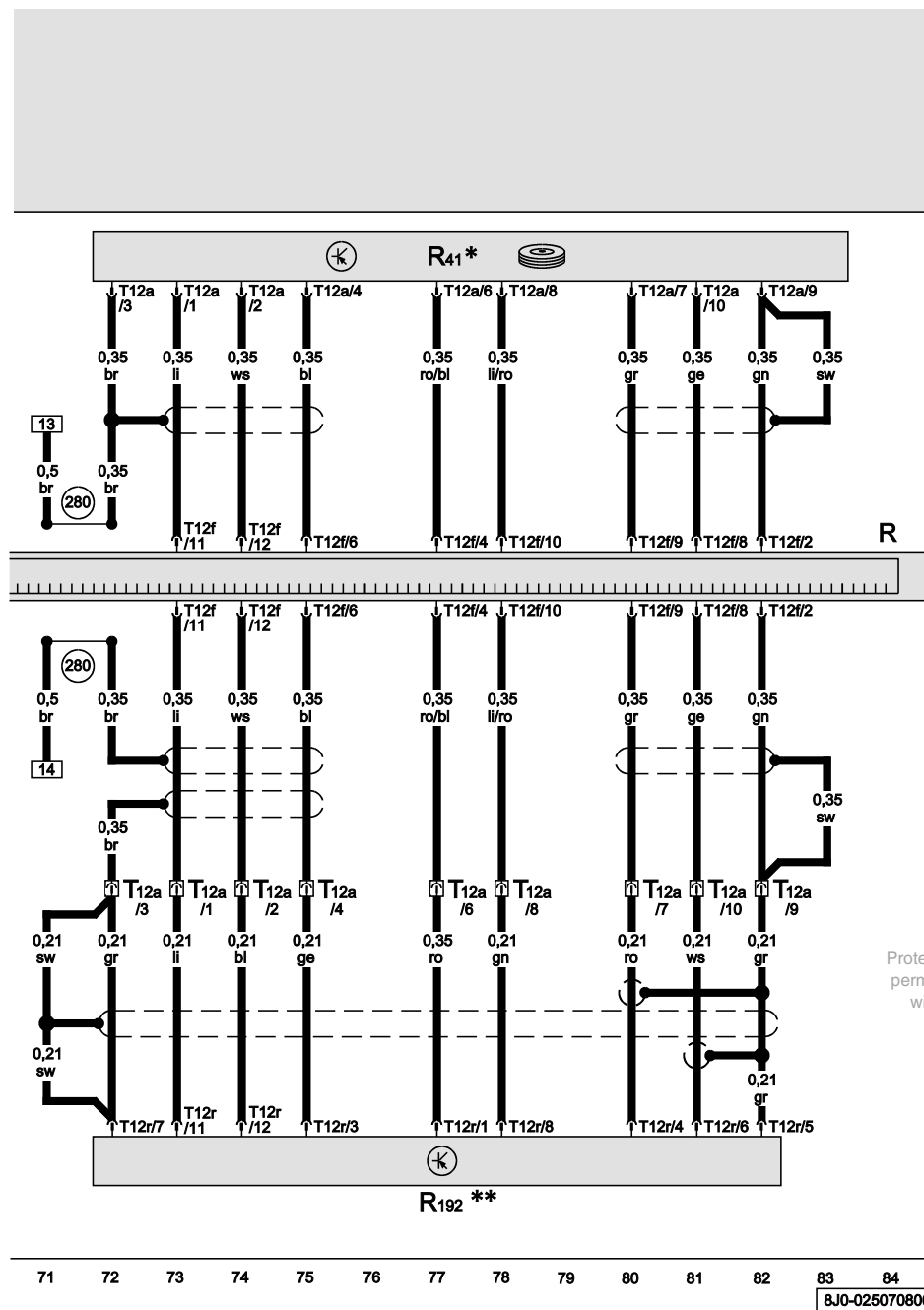
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio, CD changer, iPod holder

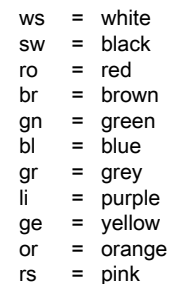
- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness

* models with CD changer
** models with iPod holder



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

R24	Aerial amplifier
R111	Aerial amplifier 2
R130	Rear window aerial 1
R131	Rear window aerial 2
T2d	2-pin connector, white, on rear right roof frame
T2e	2-pin connector, yellow, on rear right roof frame
*	rear window upper right
**	rear window bottom right



Radio with BOSE soundsystem (8RY) Coupé

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

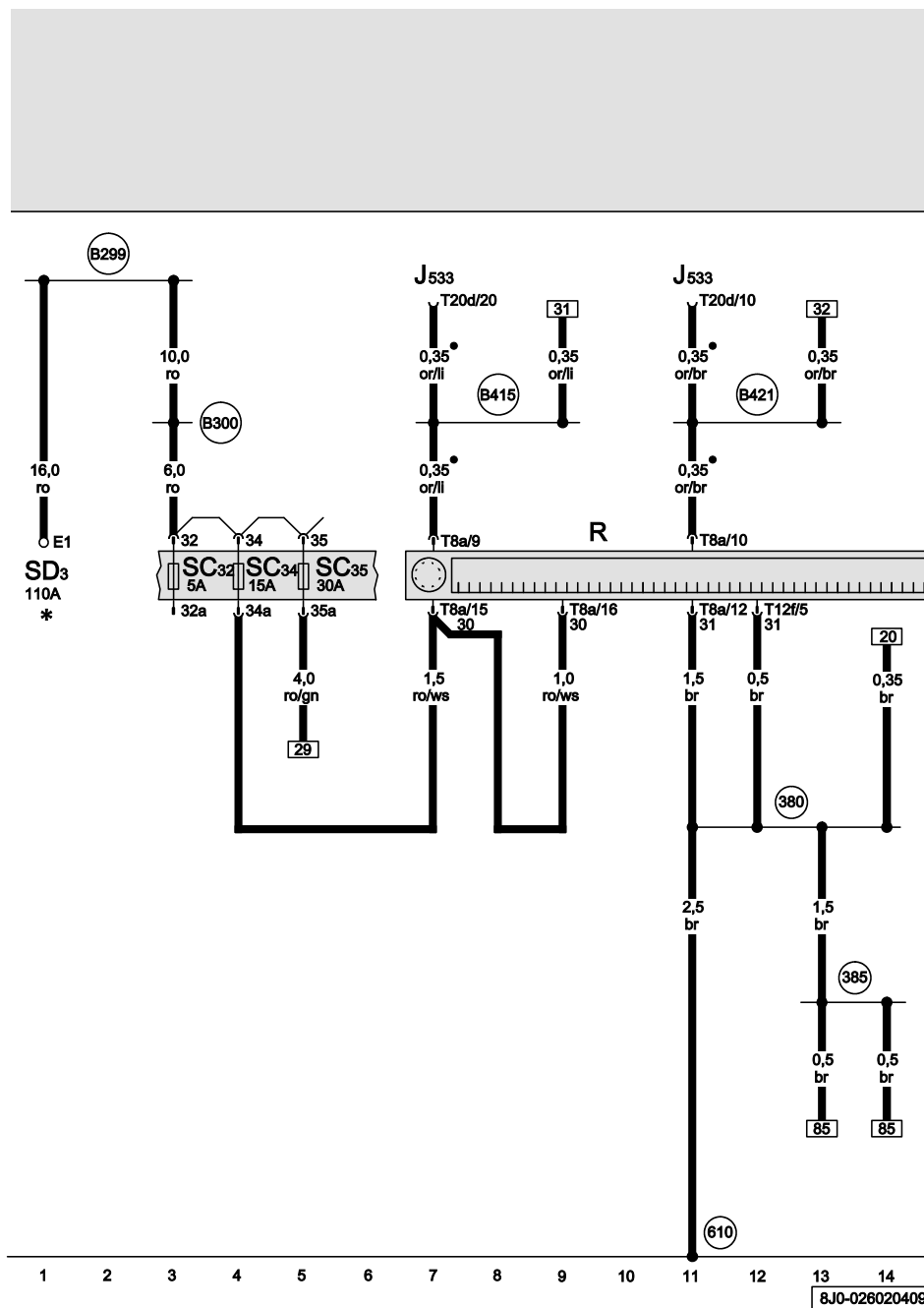
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface

380 Earth connection 15, in main wiring harness

385 Earth connection 20, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

610 Earth point (audio), under centre console, front

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B415 Connection 1 (infotainment CAN bus, high), in main wiring harness

B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

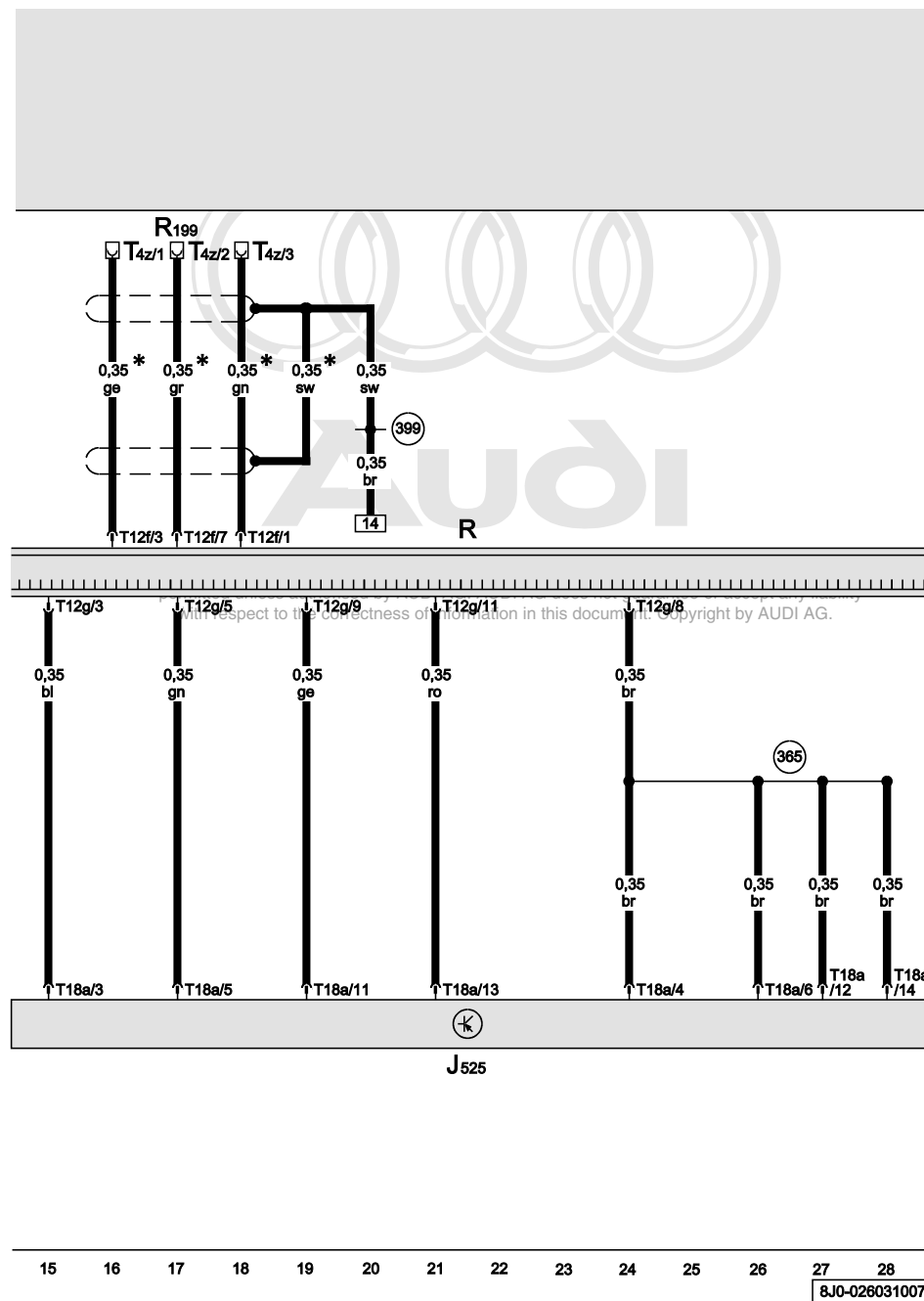
Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
- R Radio
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit

365 Earth connection 2 (LF), in dash panel wiring harness

399 Earth connection 34, in main wiring harness

* from November 2007

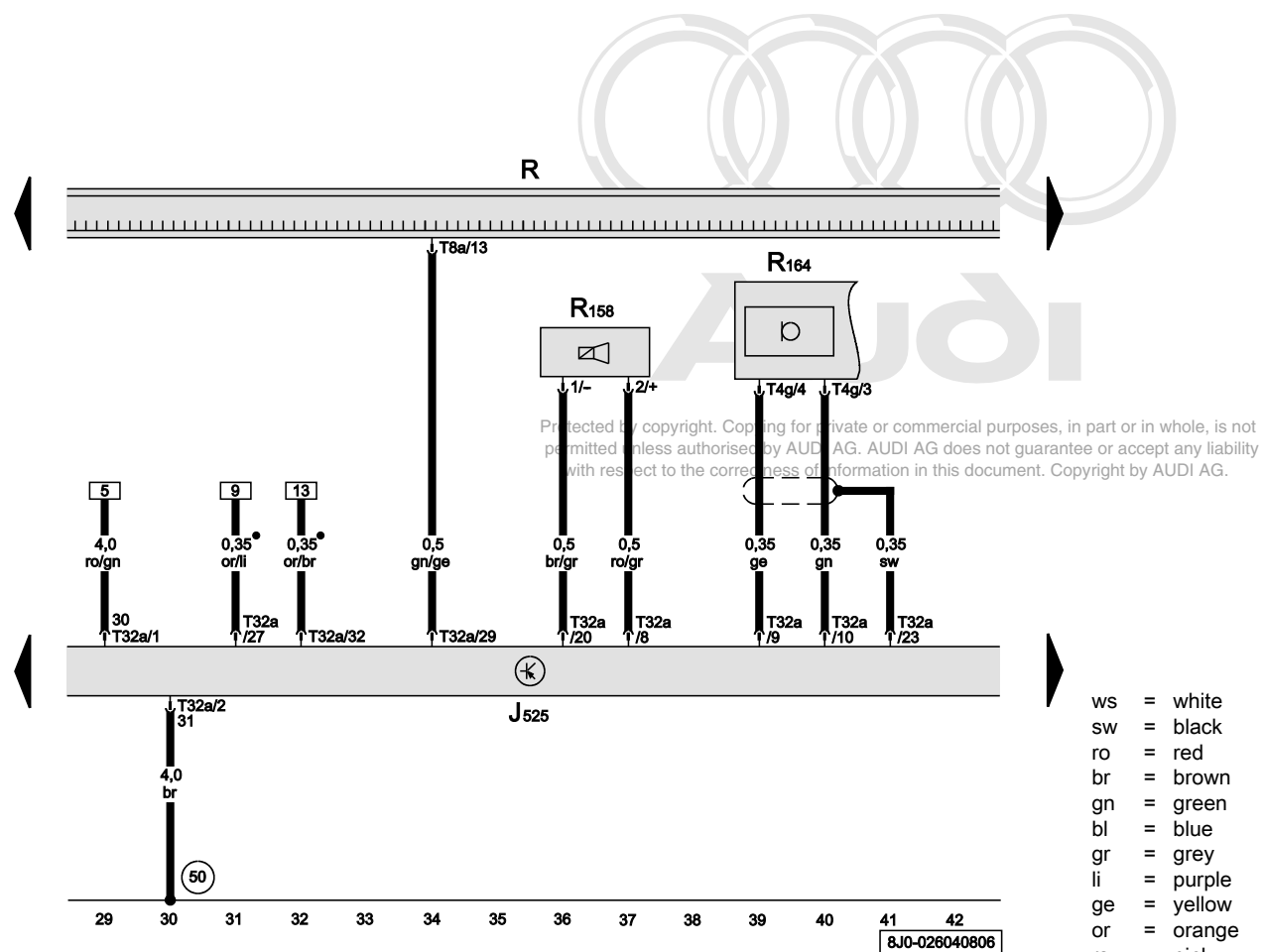


Radio, digital sound package control unit, centre mid-range and treble loudspeaker, microphone unit in front roof module

- J525 Digital sound package control unit
- R Radio
- R158 Centre mid-range and treble loudspeaker
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

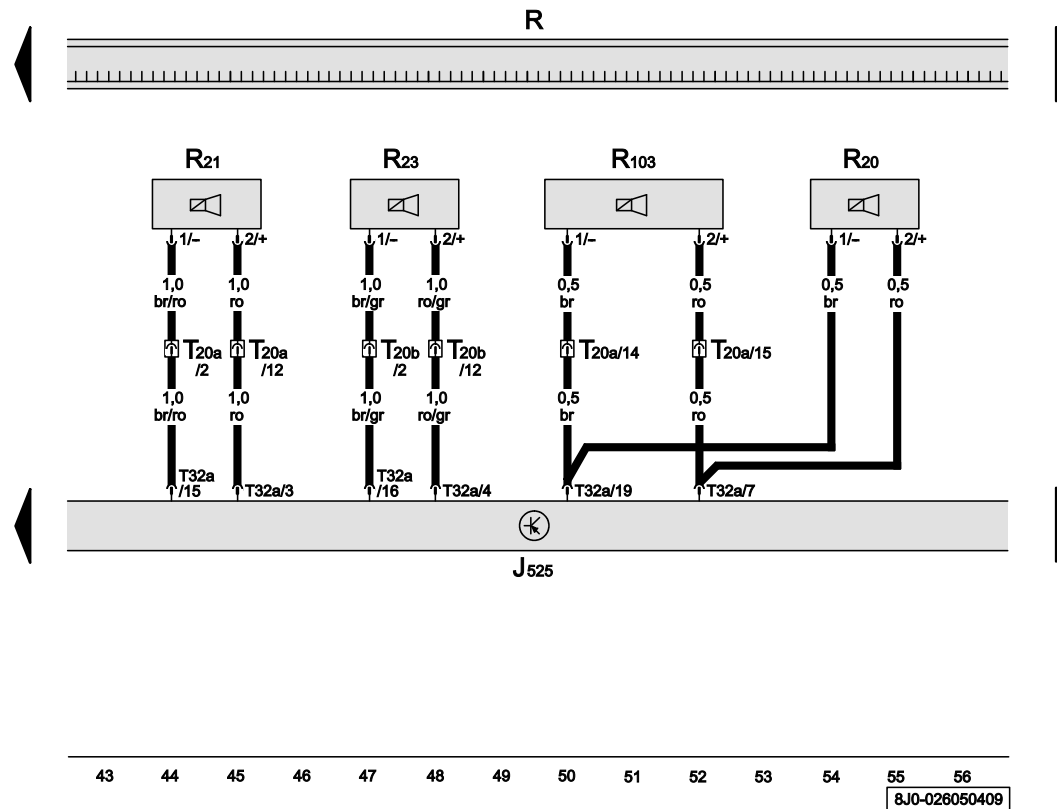
- CAN bus (data wire)



Radio, digital sound package control unit, front left treble loudspeaker, front left and right bass loudspeaker, front left mid-range loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- R103 Front left mid-range loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

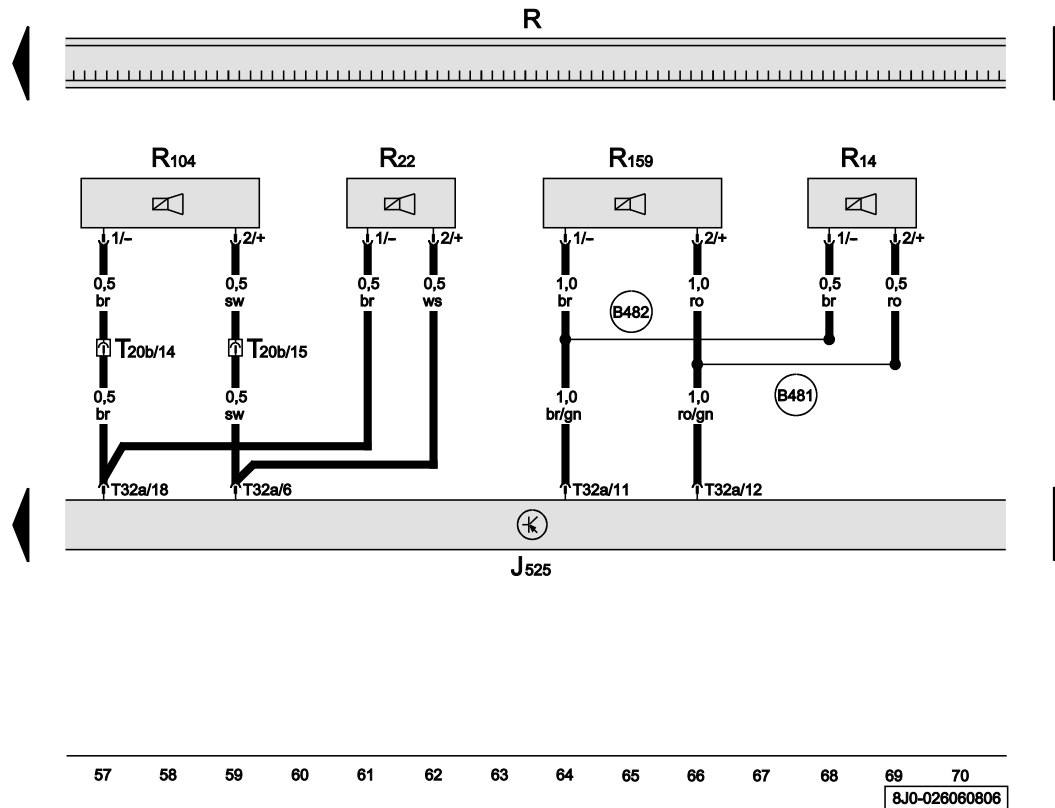
Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right mid-range loudspeaker, rear left mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R104 Front right mid-range loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

(B481) Connection 17 in main wiring harness

(B482) Connection 18 in main wiring harness



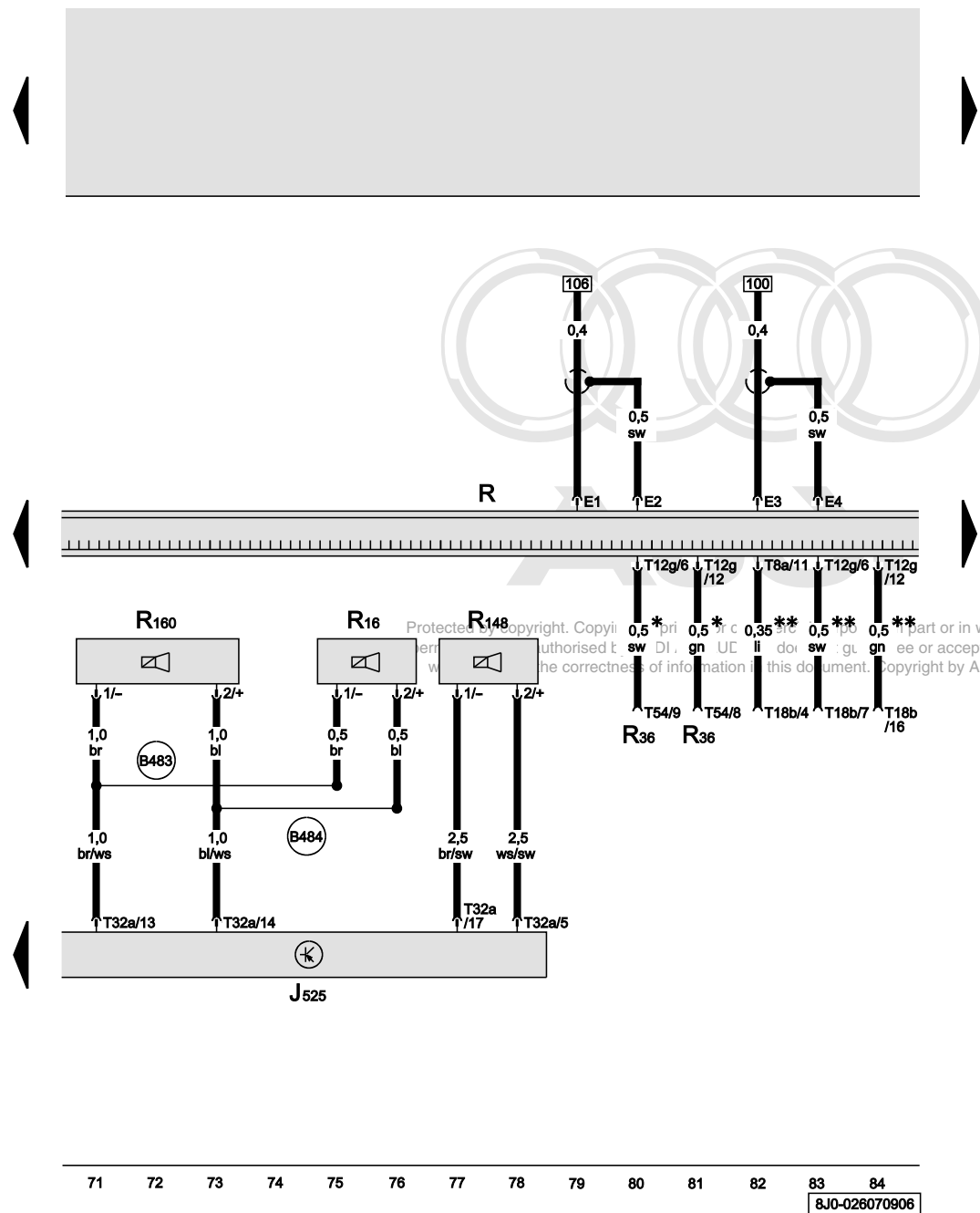
Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker, middle loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R148 Middle loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T32a 32-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

B483 Connection 19 in main wiring harness

B484 Connection 20 in main wiring harness

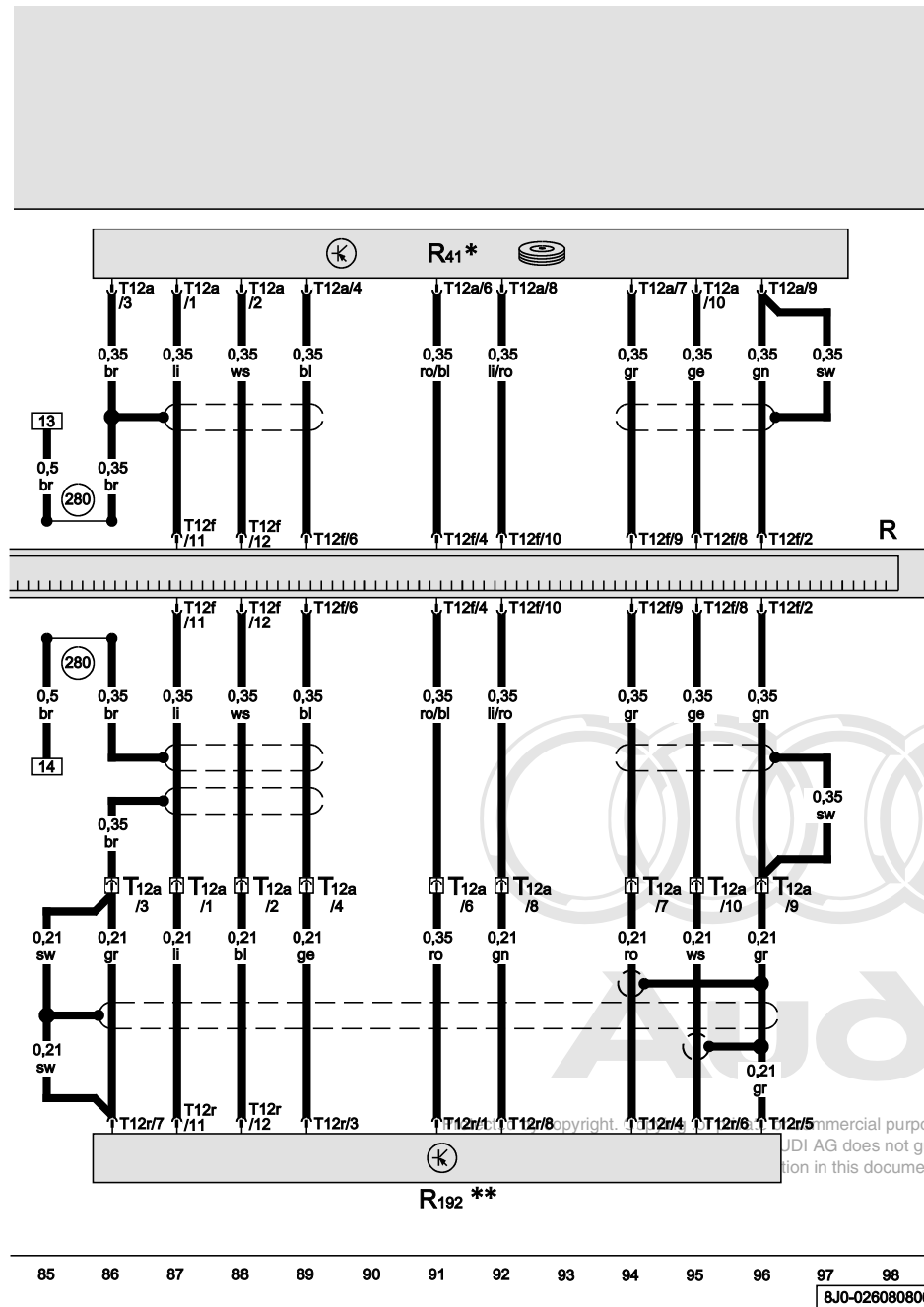
- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)



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

Radio, CD changer, iPod holder

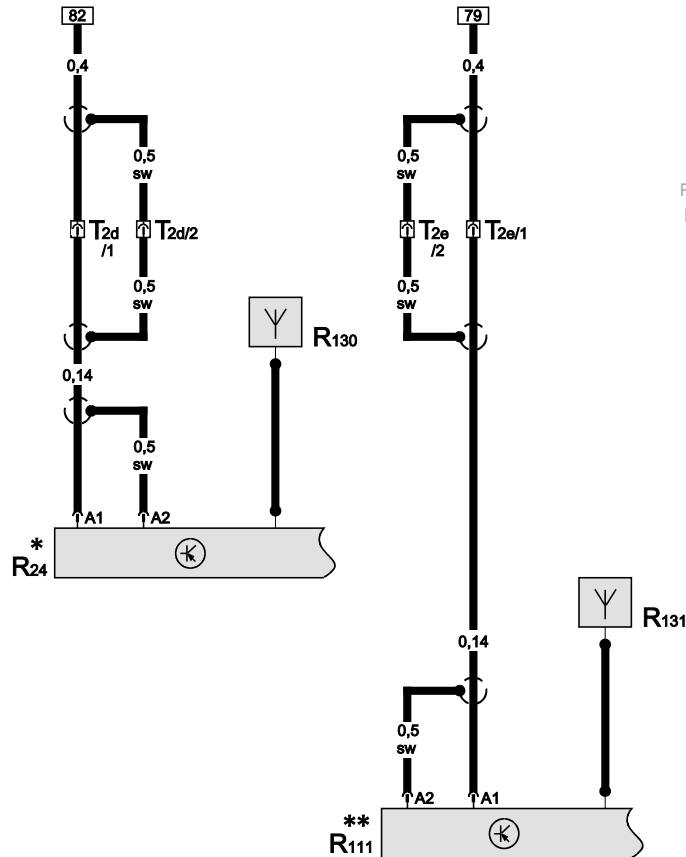
- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness
- * models with CD changer
- ** models with iPod holder



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

Aerial amplifier, rear window aerial

- R24 Aerial amplifier
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- * rear window upper right
- ** rear window bottom right



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 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 (9ZF, 9ZG)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

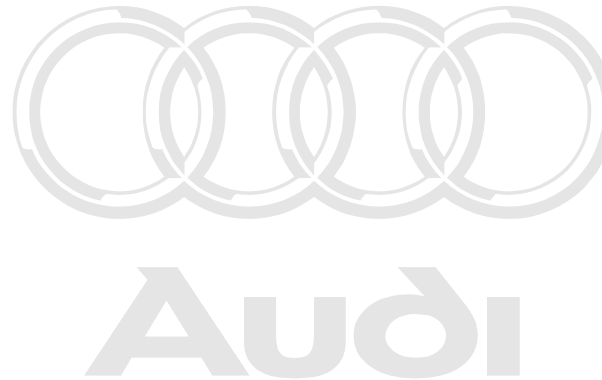
- ◆ Earth connections

⇒ List of Fitting Locations!

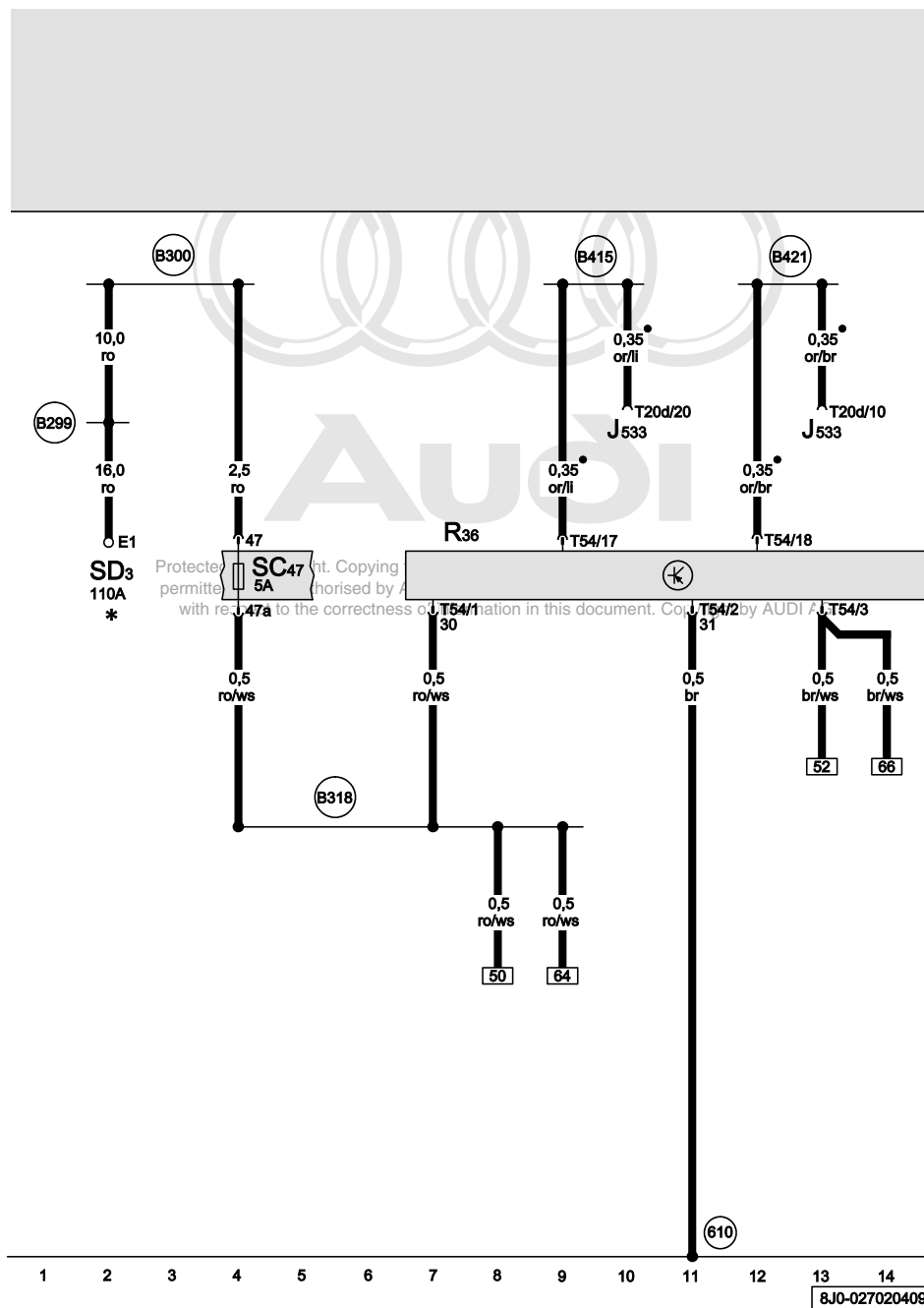
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

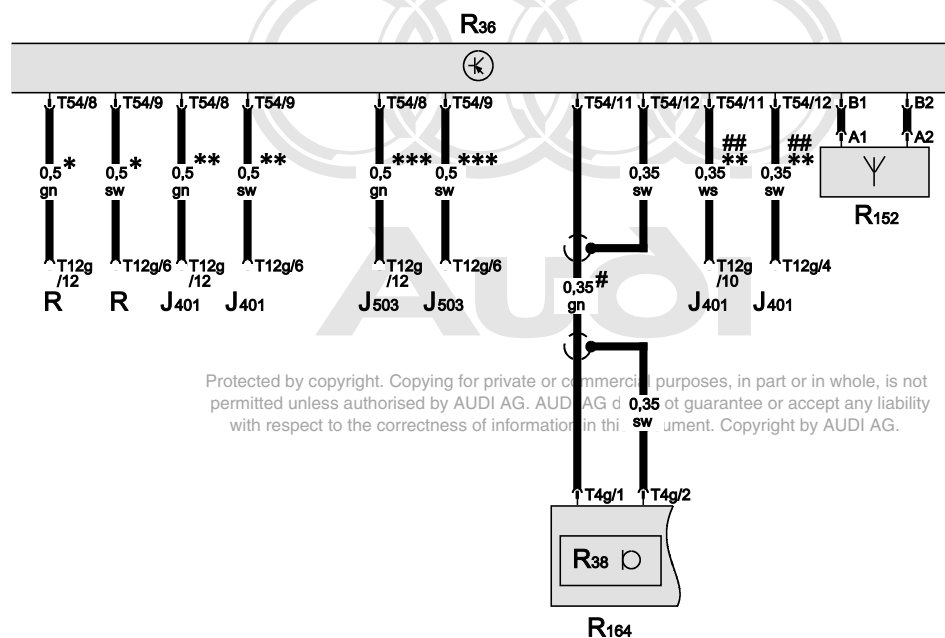


Telephone transmitter and receiver unit, fuses

- J533 Data bus diagnostic interface
- R36 Telephone transmitter and receiver unit
- SC47 Fuse 47 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T20d 20-pin connector, black, on data bus diagnostic interface
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B318 Positive connection 4 (30a), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

Telephone transmitter and receiver unit, aerial for Bluetooth, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- R Radio
- R36 Telephone transmitter and receiver unit
- R38 Telephone microphone
- R152 Aerial for Bluetooth
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T12g 12-pin connector, green, radio connector C
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with radio
- ** models with navigation system RNS-E (7Q2)
- *** models with navigation system RNS-low (7Q9)
- # models without speech recognition
- ## models with speech recognition

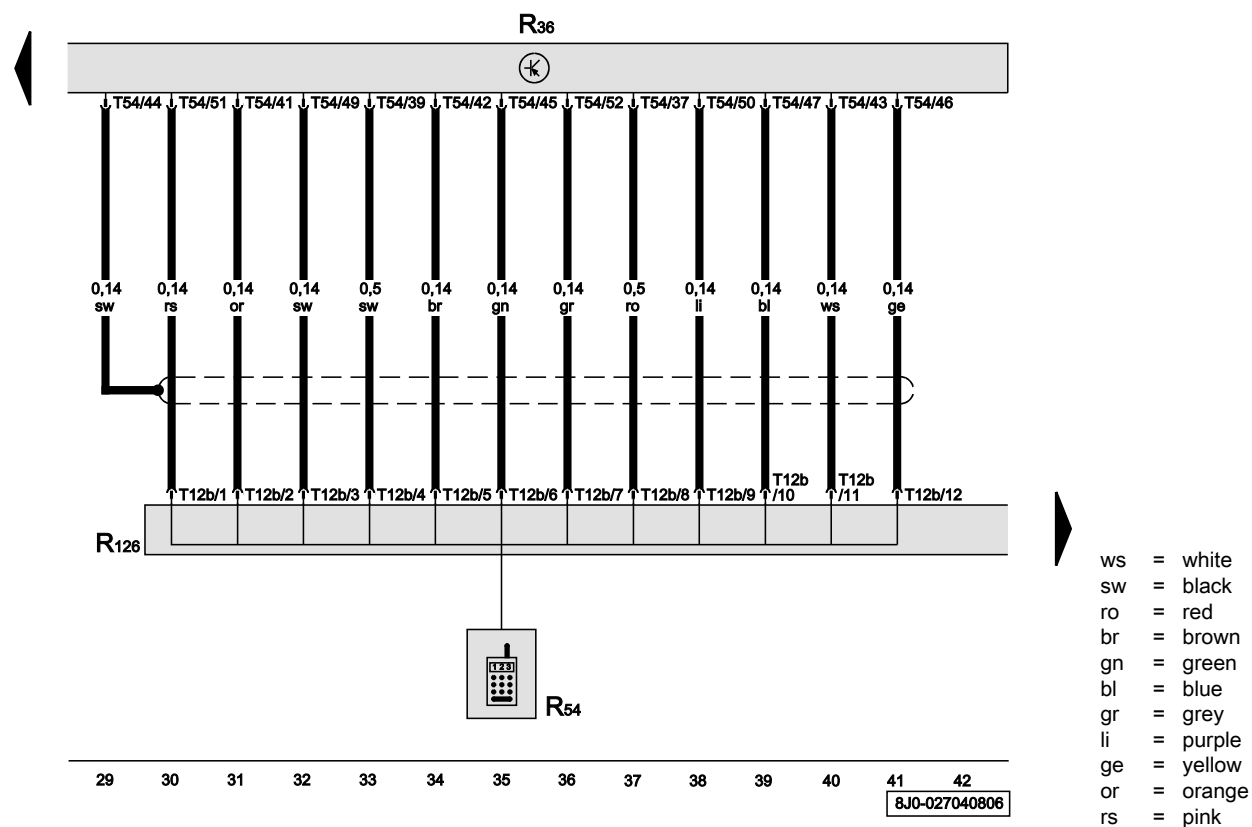


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Telephone transmitter and receiver unit, mobile telephone, telephone bracket

- R36 Telephone transmitter and receiver unit
- R54 Mobile telephone
- R126 Telephone bracket
- T12b 12-pin connector, black, on telephone bracket
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

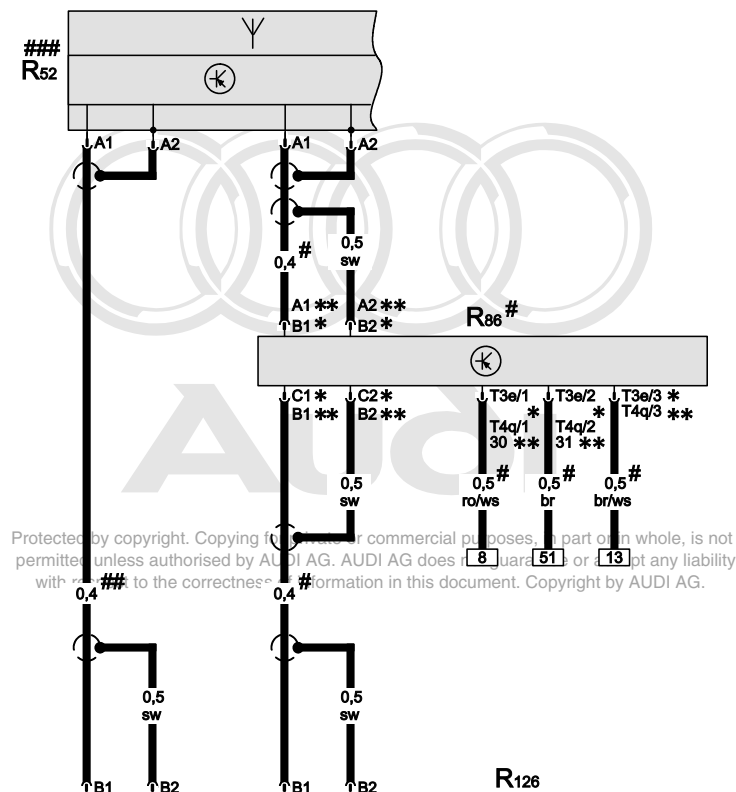


Coupé, aerial amplifier for mobile telephone, telephone bracket, radio, telephone and navigation system aerial

- R52 Radio, telephone and navigation system aerial
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- T3e 3-pin connector, black, on aerial amplifier for mobile telephone
- T4q 4-pin connector, black, on aerial amplifier for mobile telephone

50 Earth point, on left in luggage compartment

- * up to May 2008
- ** from June 2008
- # not USA
- ## only USA, dropped for USA, from June 2008
- ### roof aerial



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

Roadster, aerial amplifier for mobile telephone, telephone bracket, telephone aerial

- R65 Telephone aerial
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- T3e 3-pin connector, black, on aerial amplifier for mobile telephone
- T4q 4-pin connector, black, on aerial amplifier for mobile telephone

380 Earth connection 15, in main wiring harness

610 Earth point (audio), under centre console, front

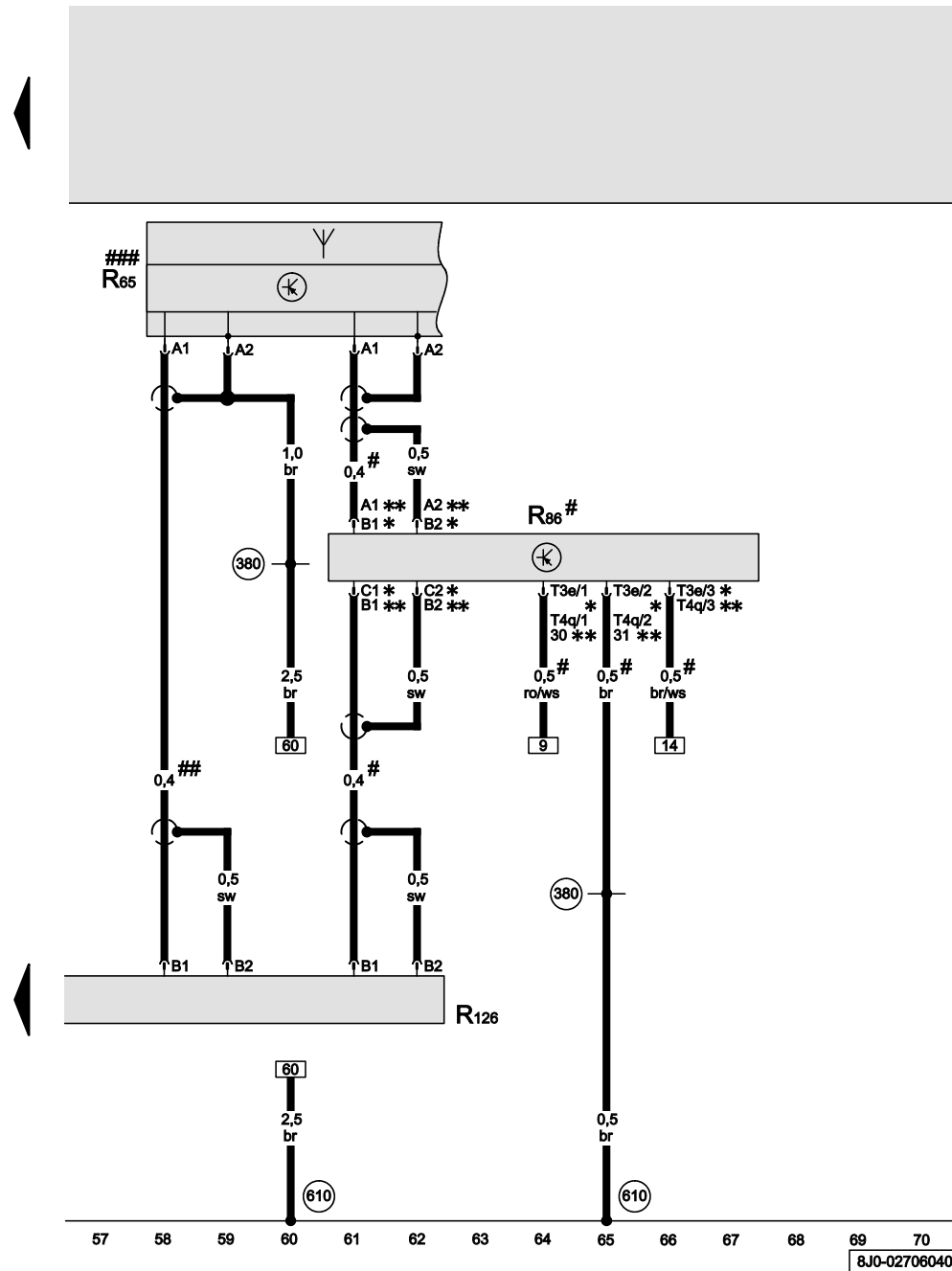
* up to May 2008

** from June 2008

not USA

only USA, dropped for USA, from June 2008

Telephone aerial, centre windscreen



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Preparation for mobile telephone (9ZD)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

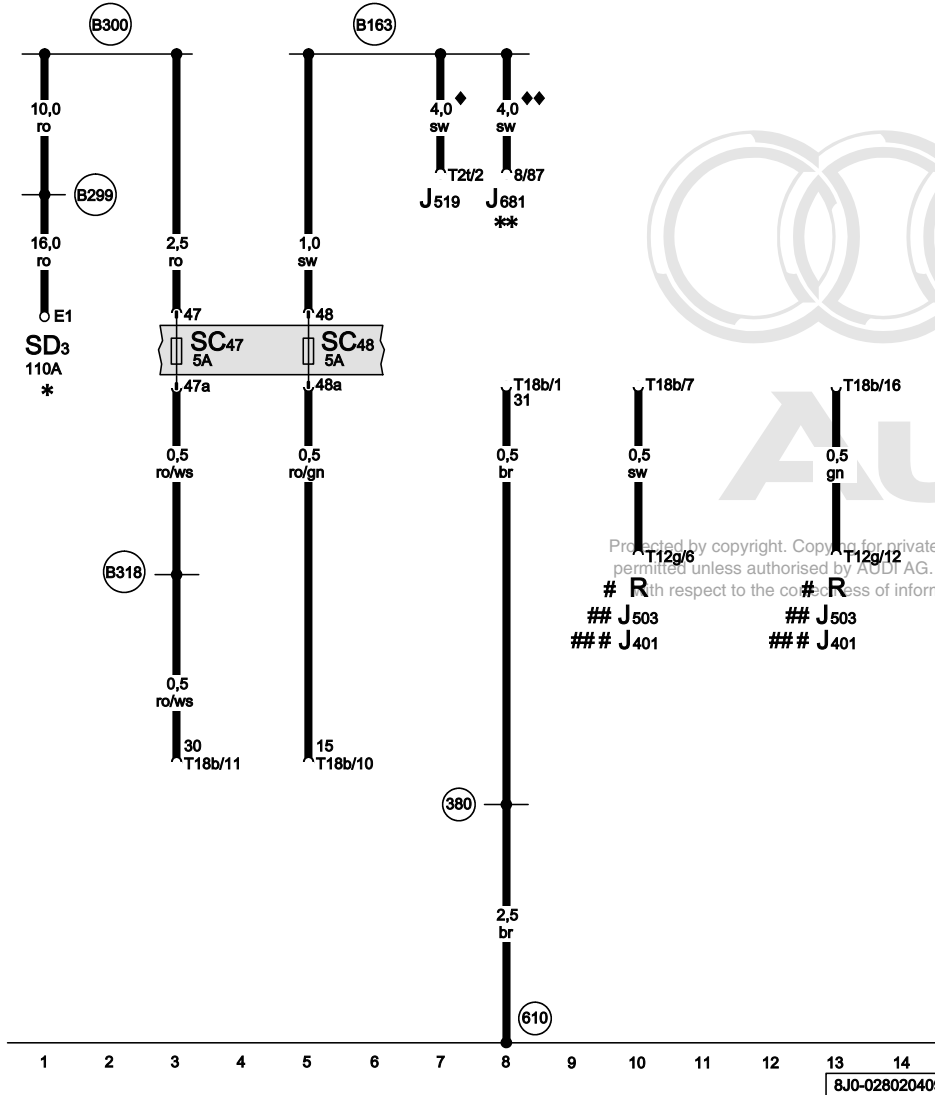
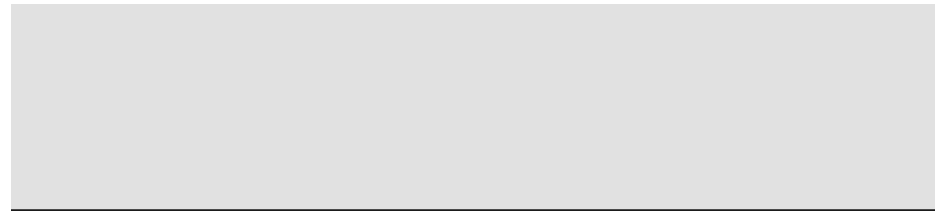
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Preparation for mobile telephone

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- R Radio
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2t 2-pin connector, connector L, on onboard supply control unit
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, behind the glove box
- 380 Earth connection 15, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B163 Positive connection 1 (15), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B318 Positive connection 4 (30a), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit
- # models with radio
- ## models with navigation system RNS-low (7Q9)
- ### models with navigation system RNS-E (7Q2)
- ◆ up to May 2009
- ◆◆ from June 2009

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

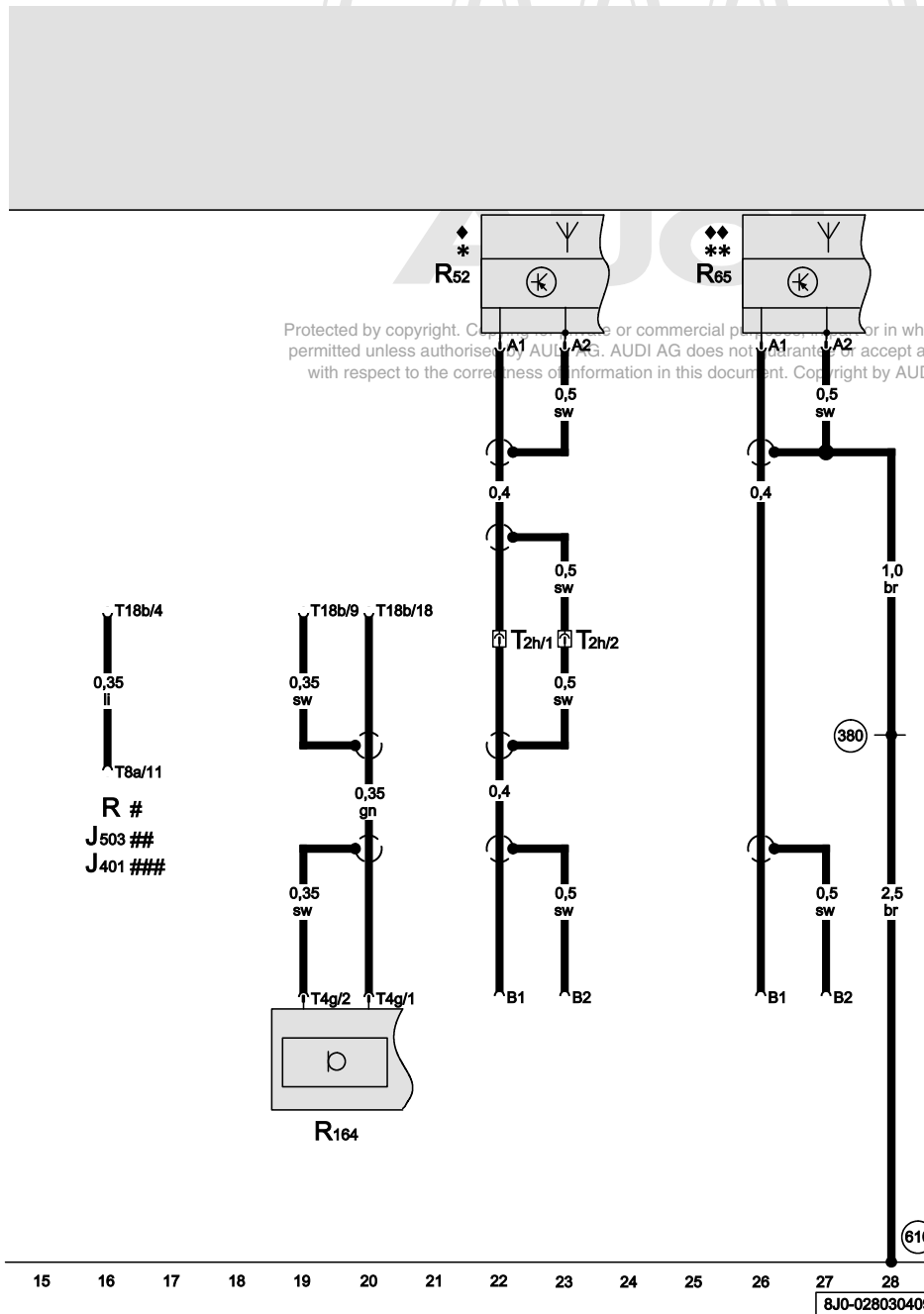
Preparation for mobile telephone

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- R Radio
- R52 Radio, telephone and navigation system aerial
- R65 Telephone aerial
- R164 Microphone unit in front roof module
- T2h 2-pin connector, left, on left in luggage compartment
- T4g 4-pin connector, black, on microphone unit in front roof module
- T8a 8-pin connector, black, radio pin connector D
- T18b 18-pin connector, black, behind the glove box

- 380 Earth connection 15, in main wiring harness
- 610 Earth point (audio), under centre console, front

- * roof aerial
- ** on centre windscreen
- # models with radio
- ## models with navigation system RNS-low (7Q9)
- ### models with navigation system RNS-E (7Q2)
- ◆ Coupé
- ◆◆ Roadster

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



Navigation system RNS-low (7Q9)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

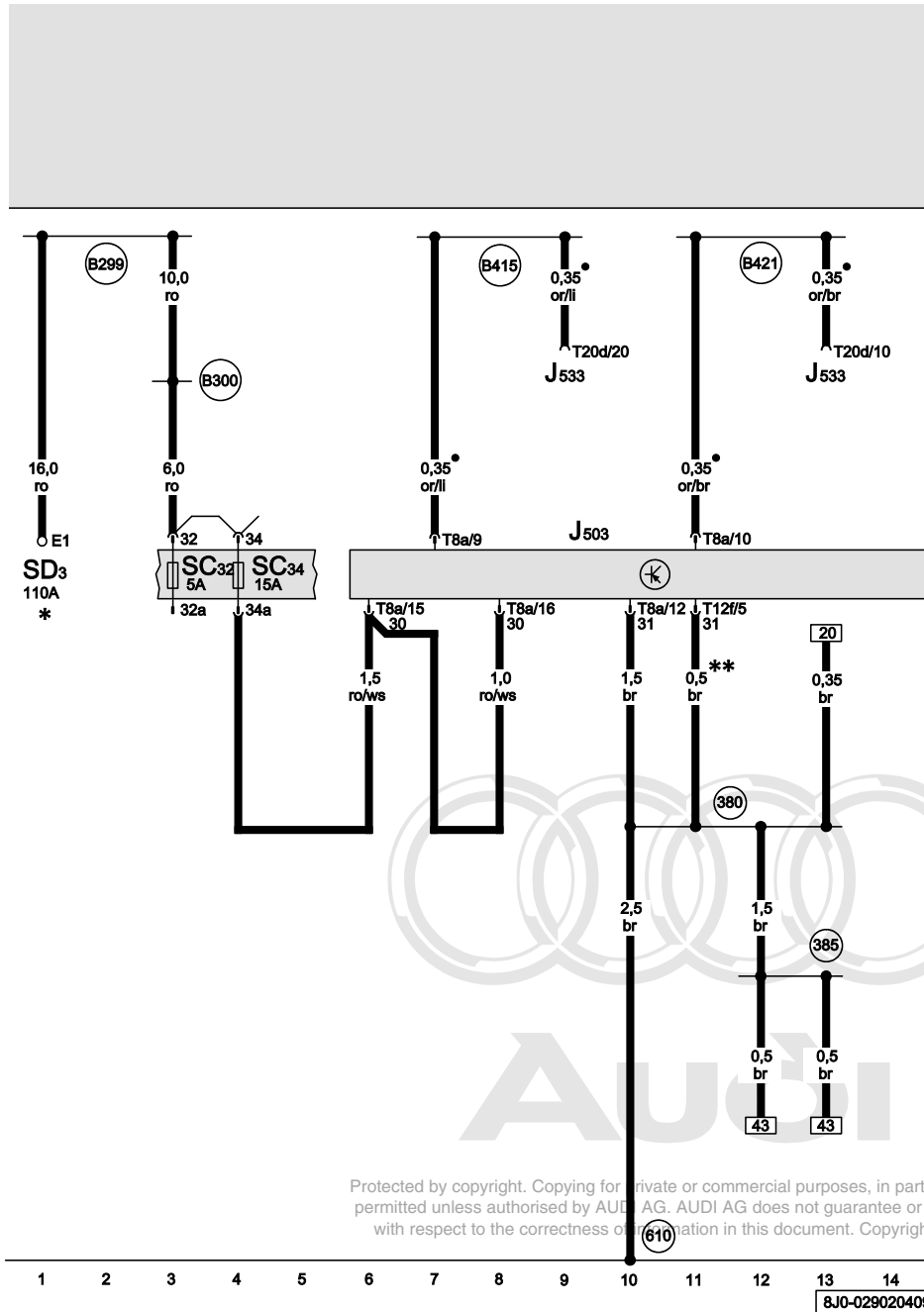
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Control unit with display for radio and navigation system, fuses

- J503 Control unit with display for radio and navigation system
- J533 Data bus diagnostic interface
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface
- 380 Earth connection 15, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with radio BOSE soundsystem (8RY)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

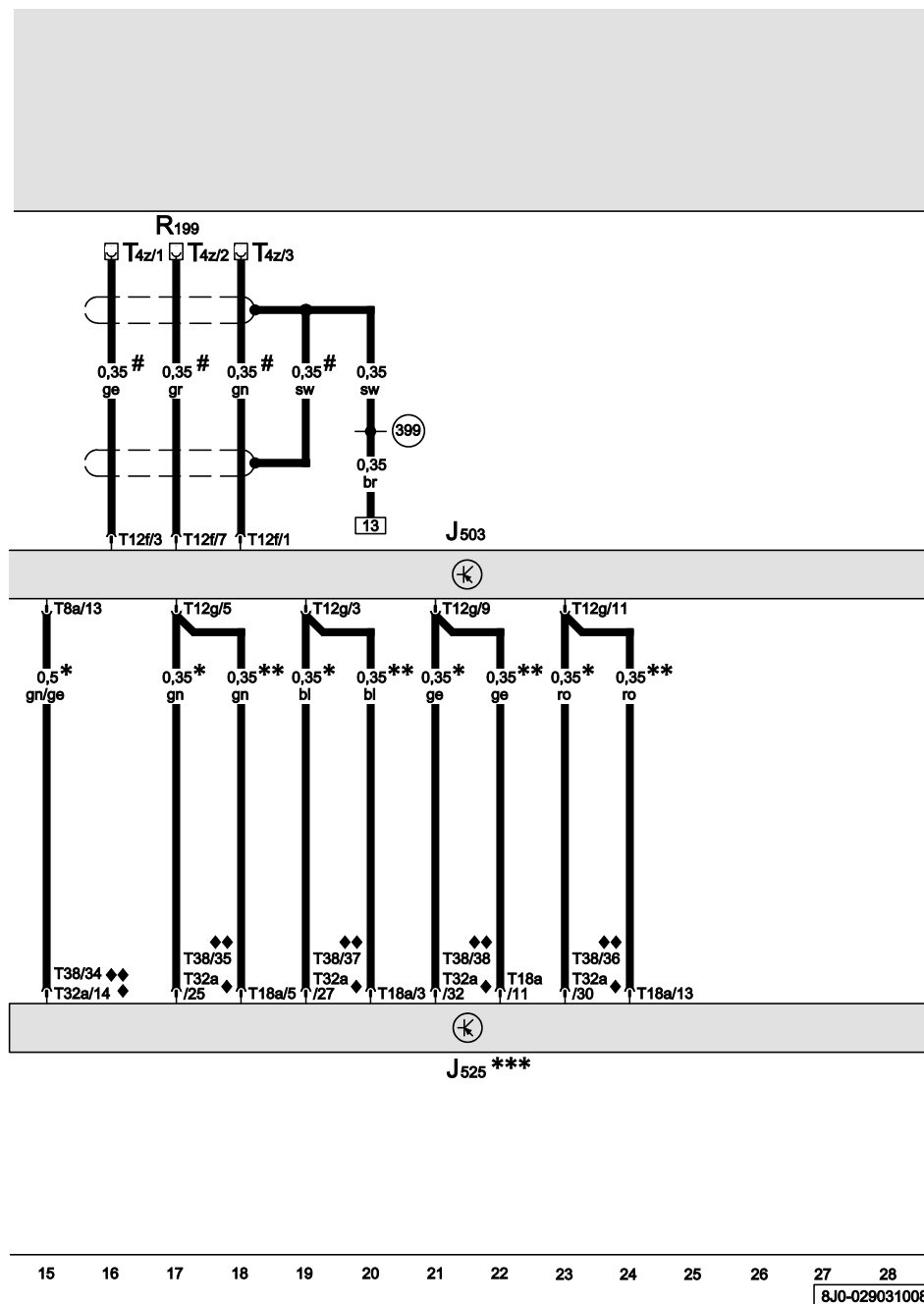
Control unit with display for radio and navigation system, digital sound package control unit, connection for external audio source (Aux-In)

- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit

399 Earth connection 34, in main wiring harness

- * models with radio standard soundsystem (9VD)
- ** models with radio BOSE soundsystem (8RY)
- *** loudspeakers ⇒ Current Flow Diagram RNS-E (7Q2)
- # from November 2007
- ♦ up to January 2009
- ♦♦ from February 2009

Protected by copyright. Copying for commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



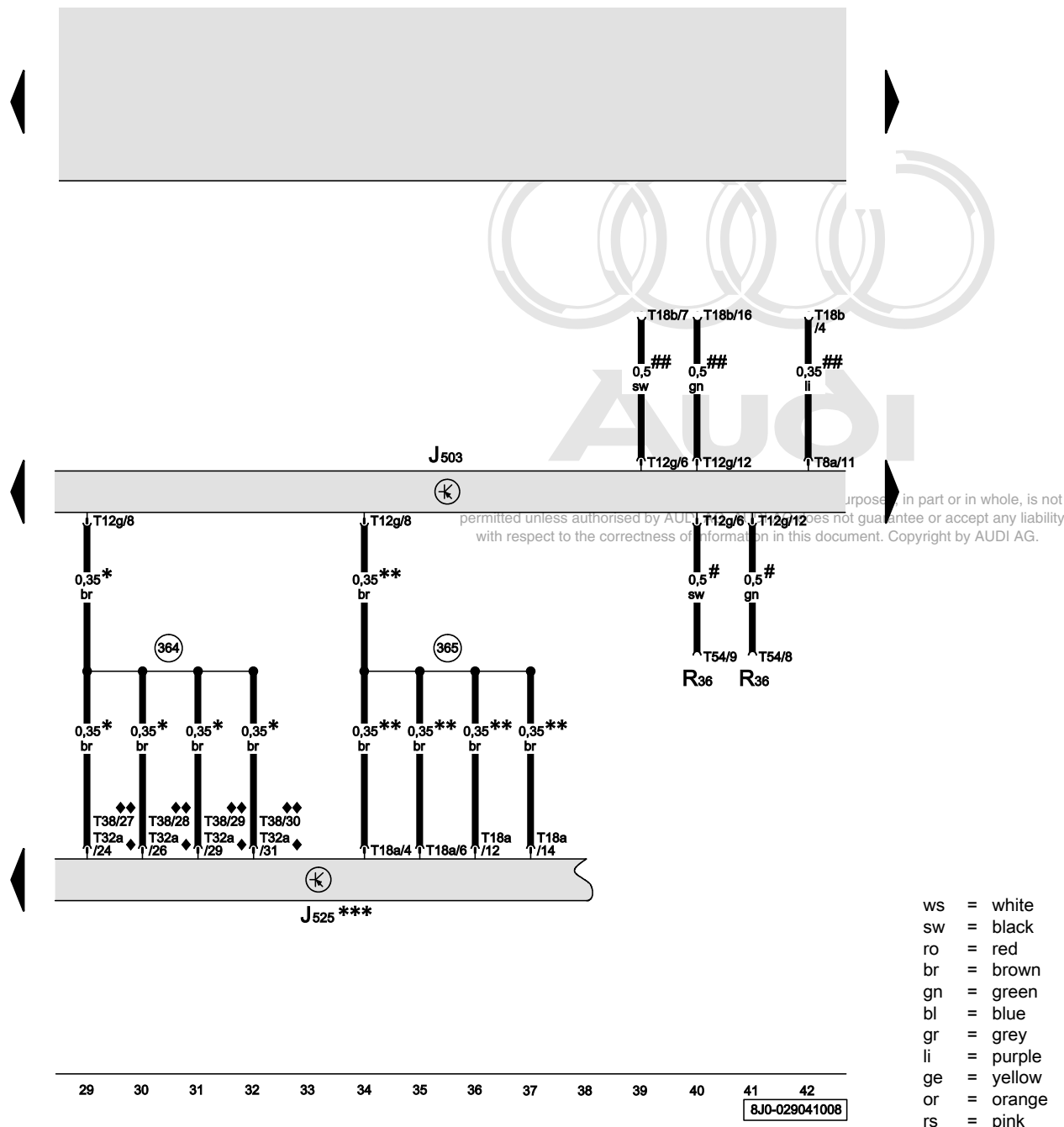
Radio/ control unit with display for radio and navigation, digital sound package control unit

- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- R36 Telephone transmitter and receiver unit
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit
- T18b 18-pin connector, black, supply telephone preparation
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

364 Earth connection 1 (LF), in dash panel wiring harness

365 Earth connection 2 (LF), in dash panel wiring harness

- * models with radio standard soundsystem (9VD)
- ** models with radio BOSE soundsystem (8RY)
- *** loudspeakers ⇒ Current Flow Diagram RNS-E (7Q2)
- # models with preparation for mobile telephone (9ZF)
- ## models with preparation for mobile telephone (9ZD)
- ◆ up to January 2009
- ◆◆ from February 2009



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

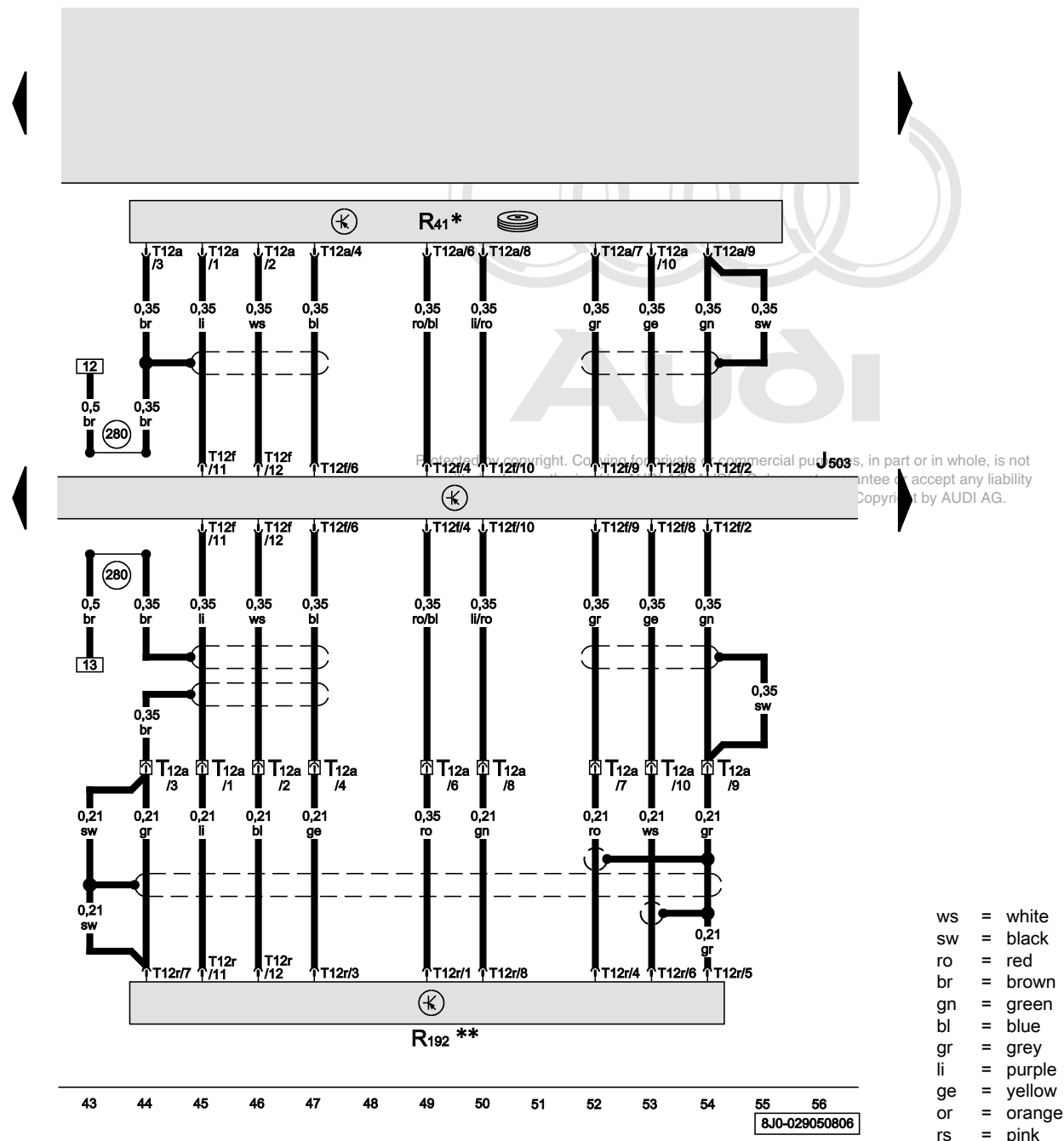
Control unit with display for radio and navigation system,
CD changer, iPod holder

- J503 Control unit with display for radio and navigation system
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder

280 Earth connection, in communications wiring harness

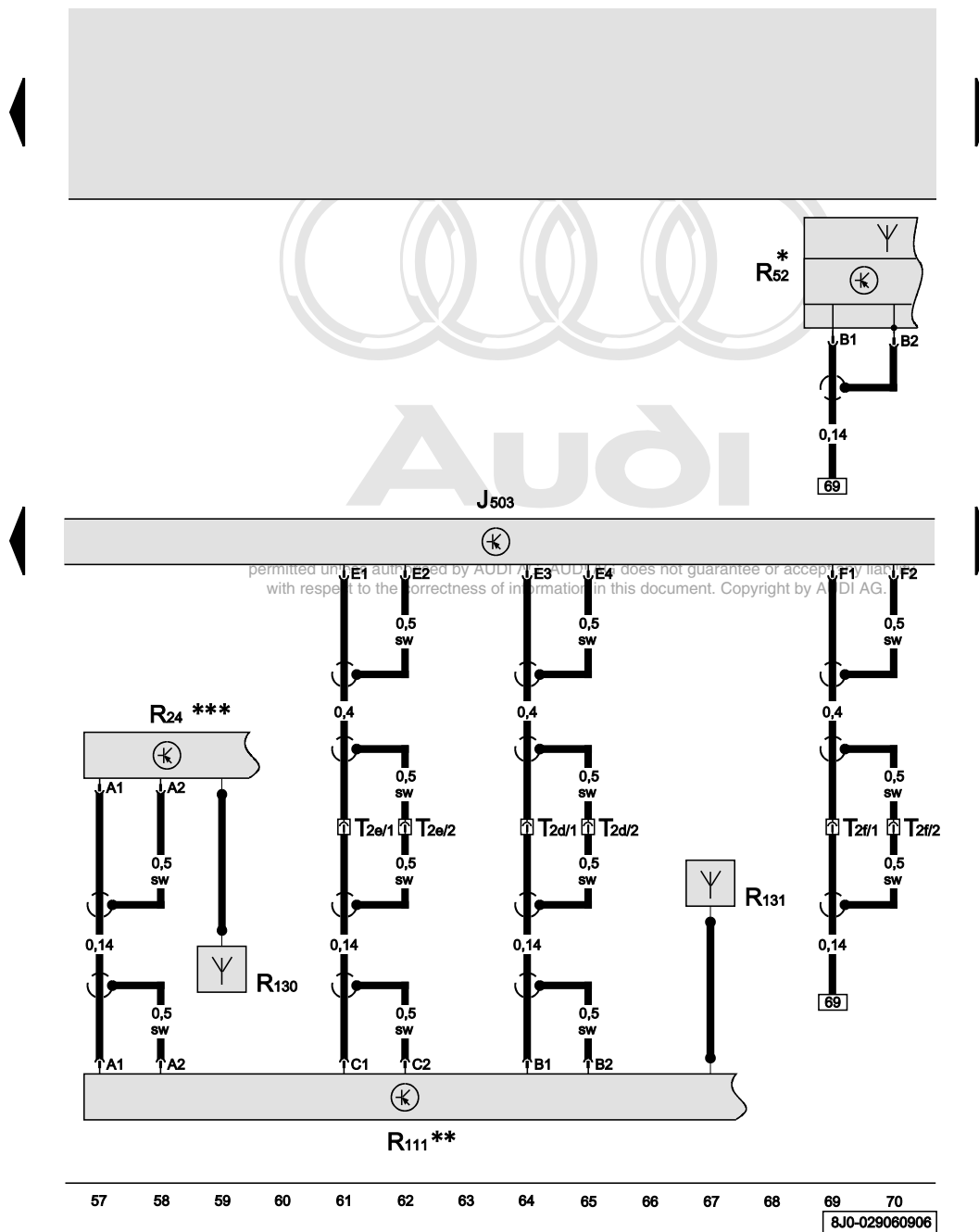
* models with CD changer

** models with iPod holder



Coupé, control unit with display for radio and navigation system, aerial amplifier, rear window aerial, radio, telephone and navigation system aerial

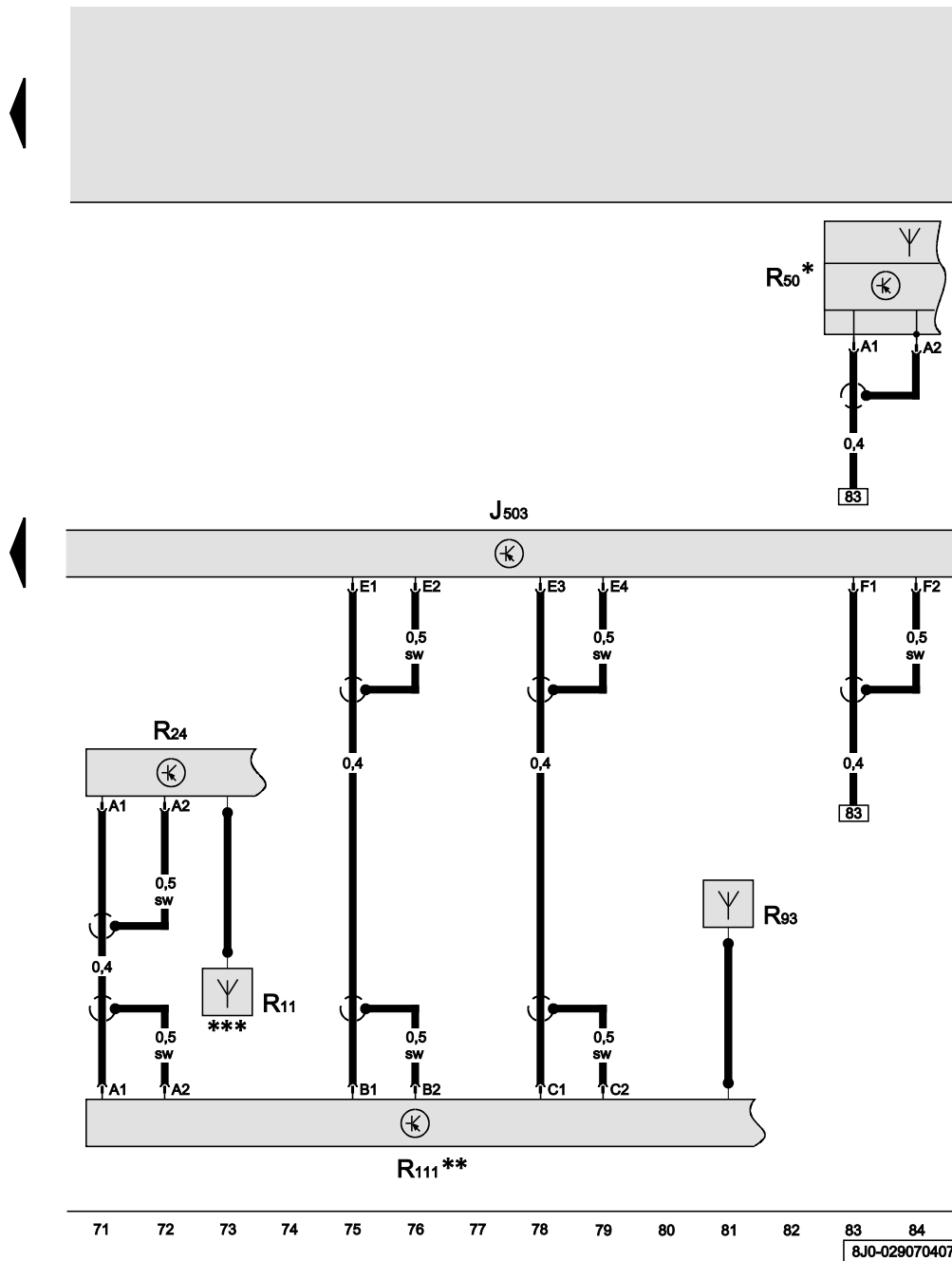
- J503 Control unit with display for radio and navigation system
- R24 Aerial amplifier
- R52 Radio, telephone and navigation system aerial
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- T2f 2-pin connector, blue, on rear right roof frame
- * roof aerial
- ** rear window bottom right
- *** rear window upper right



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

Roadster, control unit with display for radio and navigation system, aerial amplifier, navigation system aerial

- J503 Control unit with display for radio and navigation system
- R11 Aerial
- R24 Aerial amplifier
- R50 Navigation system aerial
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * on centre windscreen
- ** rear right
- *** rod aerial rear left



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



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Communication

- ⇒ Navigation system RNS-E (7Q2)
- ⇒ Radio standard soundsystem (9VD)
- ⇒ Radio BOSE soundsystem (8RY)
- ⇒ CD changer (7A2)
- ⇒ iPod holder (UF1)
- ⇒ AMI - Audi Music Interface (UF7)
- ⇒ TV tuner

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

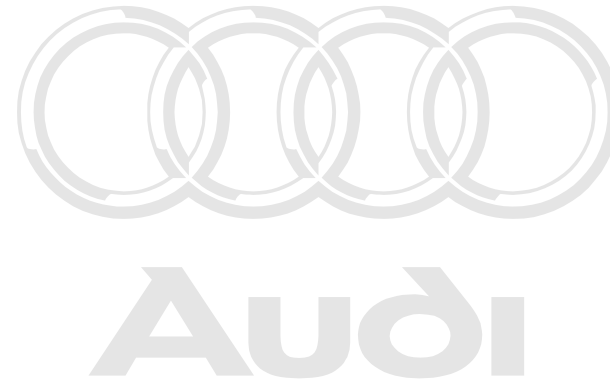
- ◆ Earth connections

- ⇒ List of Fitting Locations!

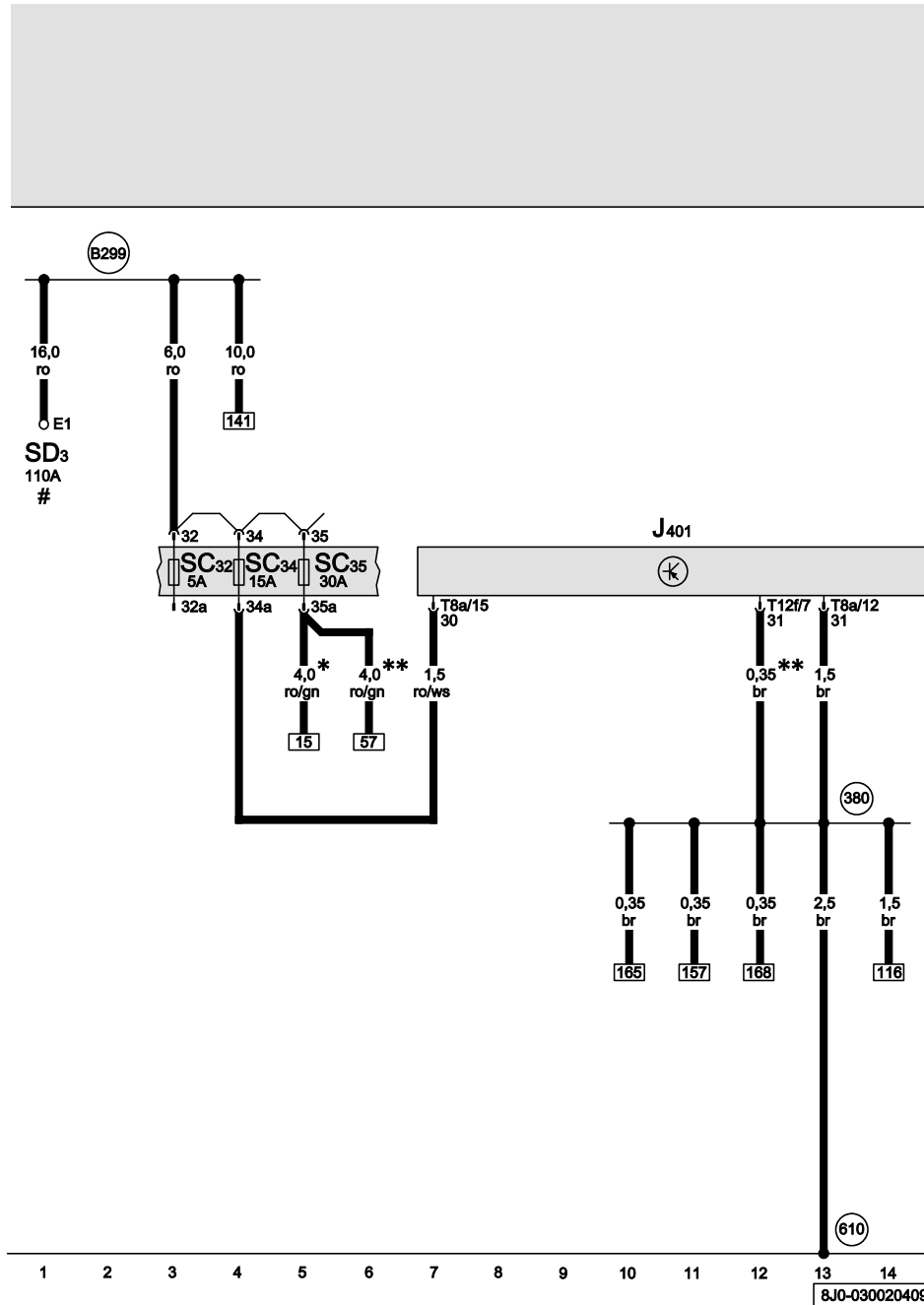
For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Navigation system with CD drive control unit, fuses

- J401 Navigation system with CD drive control unit
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B

380 Earth connection 15, in main wiring harness

610 Earth point (audio), under centre console, front

B299 Positive connection 3 (30), in main wiring harness

- * models with radio standard soundsystem (9VD)
- ** models with radio BOSE soundsystem (8RY)
- # main fuse box, in luggage compartment, rear right, on the battery



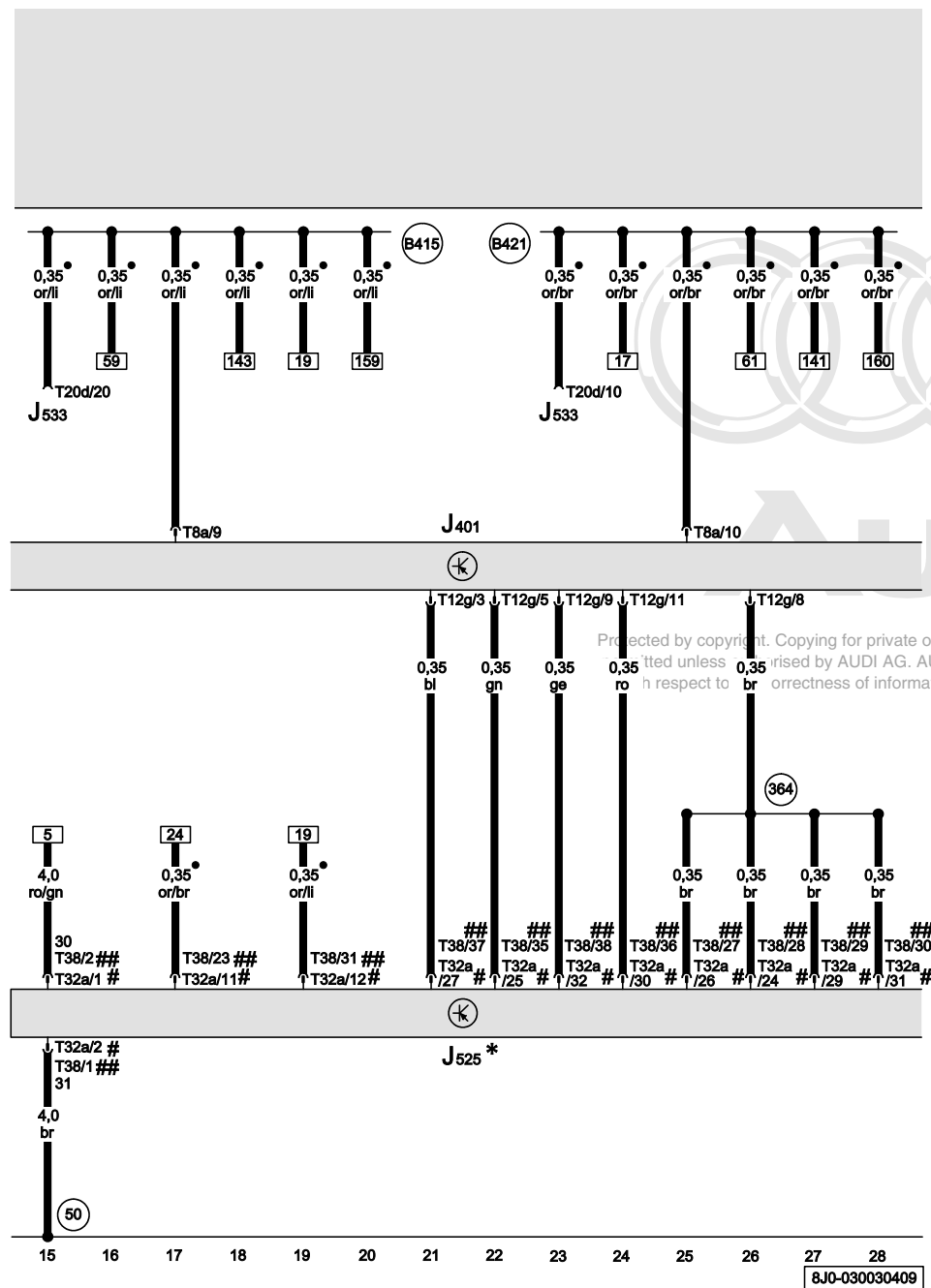
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio standard soundsystem (9VD), navigation system with CD drive control unit, digital sound package control unit

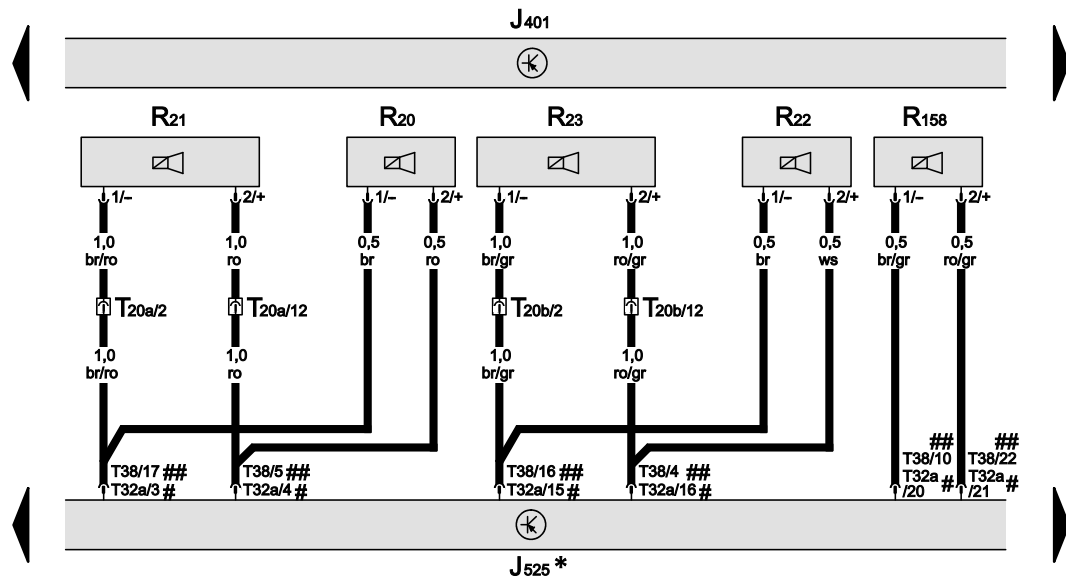
- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit

- 50 Earth point, on left in luggage compartment
- 364 Earth connection 1 (LF), in dash panel wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * models with radio standard soundsystem (9VD)
- # up to January 2009
- ## from February 2009



Radio standard soundsystem (9VD), navigation system with CD drive control unit, digital sound package control unit, front left and right treble loudspeaker, front left and right bass loudspeaker, centre mid-range and treble loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- * models with radio standard soundsystem (9VD)
- # up to January 2009
- ## from February 2009

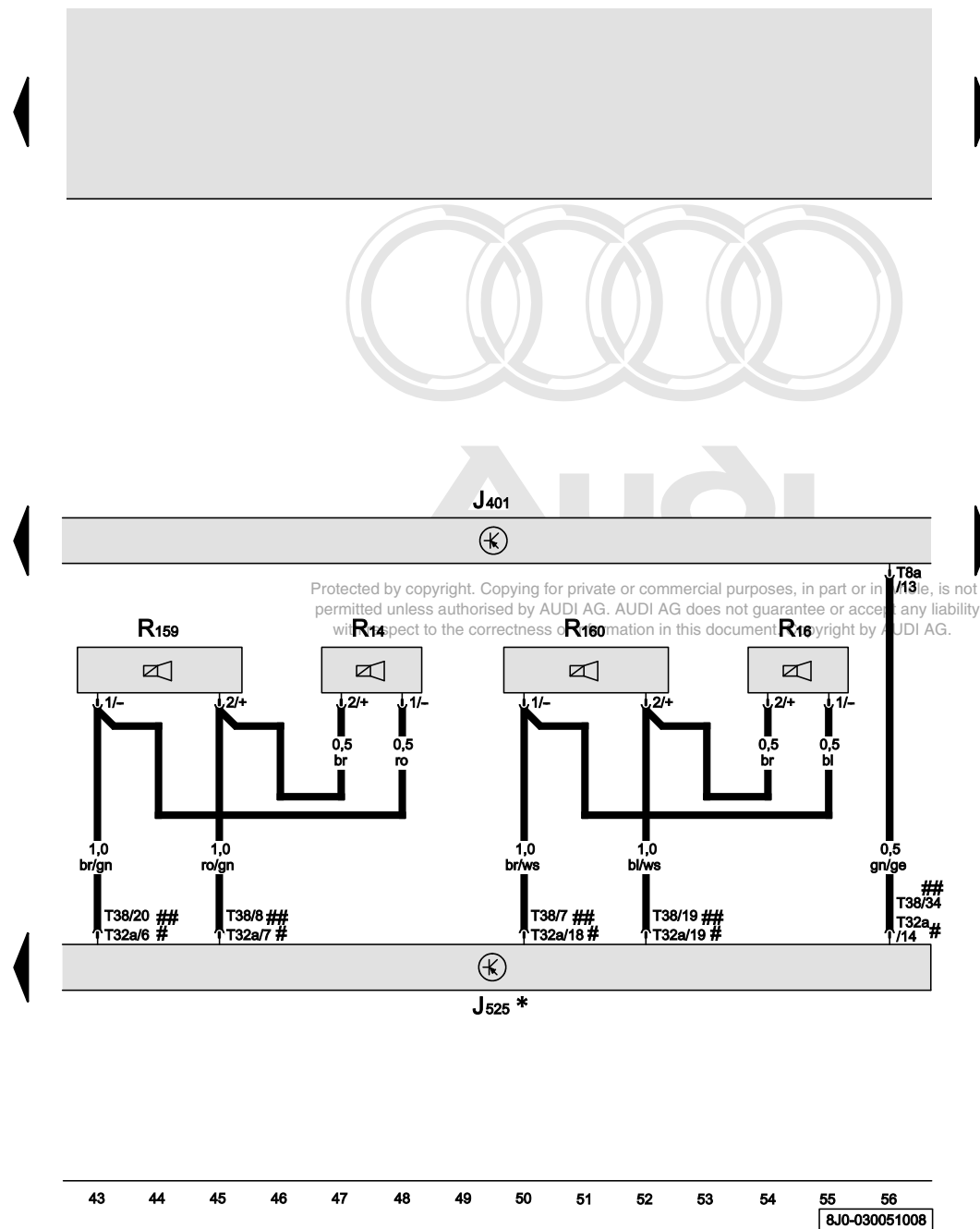


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radio standard soundsystem (9VD), navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R16 Rear right treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- * models with radio standard soundsystem (9VD) up to January 2009
- # from February 2009



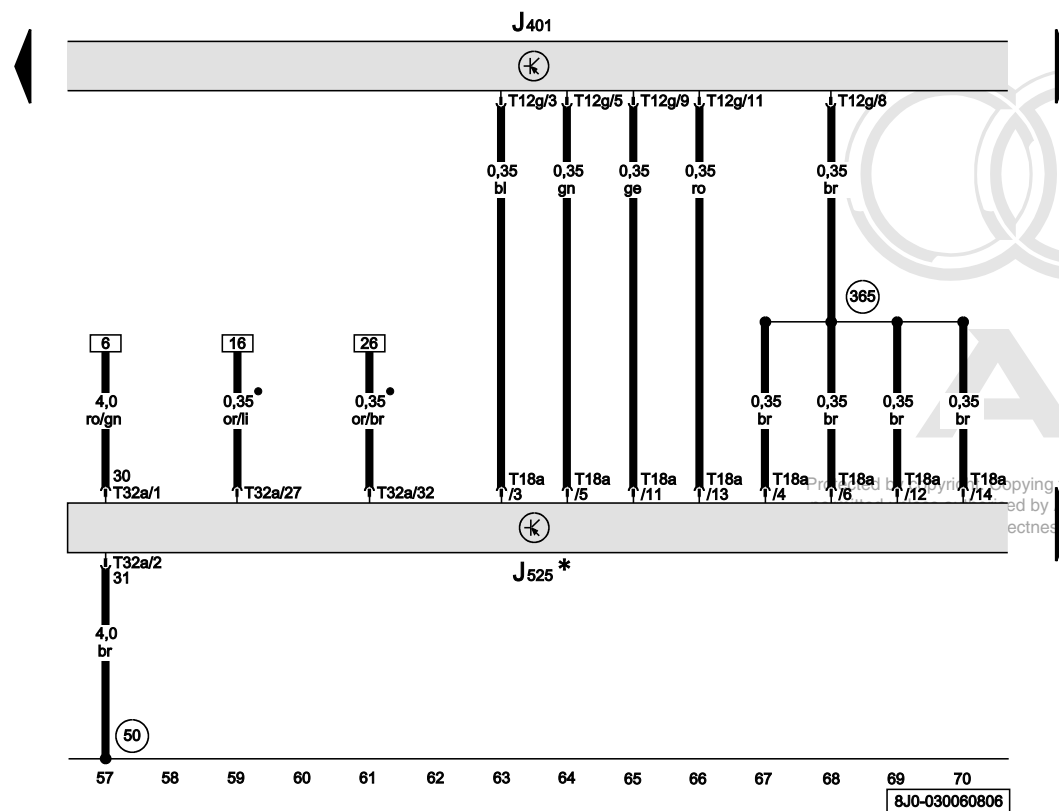
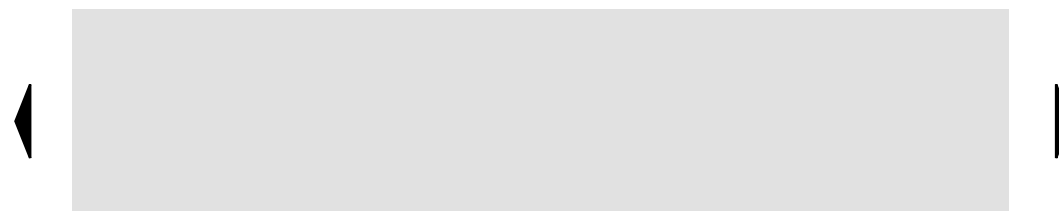
Radio BOSE soundsystem (8RY), navigation system with CD drive control unit, digital sound package control unit

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit
- T32a 32-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

365 Earth connection 2 (LF), in dash panel wiring harness

- CAN bus (data wire)
- * models with radio BOSE soundsystem (8RY)



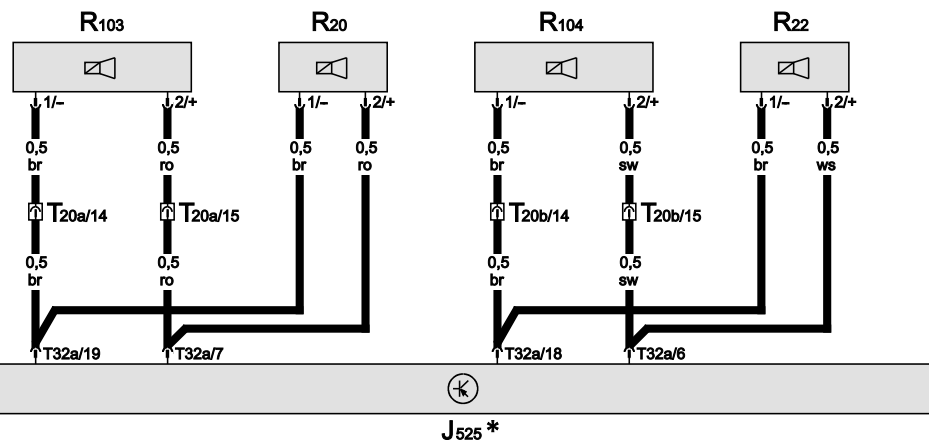
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio BOSE soundsystem (8RY), navigation system with CD drive control unit, digital sound package control unit, front left and right treble loudspeaker, front left and right mid-range loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R22 Front right treble loudspeaker
- R103 Front left mid-range loudspeaker
- R104 Front right mid-range loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- * models with radio BOSE soundsystem (8RY)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

J401



J525 *

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

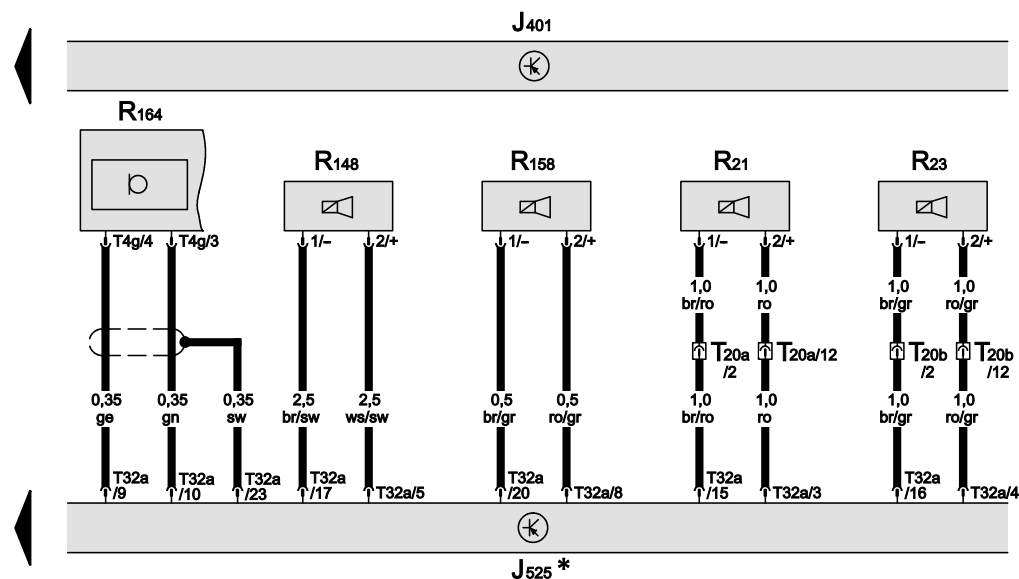
71 72 73 74 75 76 77 78 79 80 81 82 83 84

8J0-030070806

Radio BOSE soundsystem (8RY), navigation system with CD drive control unit, digital sound package control unit, front left and right bass loudspeaker, centre mid-range and treble loudspeaker, middle loudspeaker, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- R148 Middle loudspeaker
- R158 Centre mid-range and treble loudspeaker
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- * models with radio BOSE soundsystem (8RY)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Radio BOSE soundsystem (8RY), navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R16 Rear right treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit

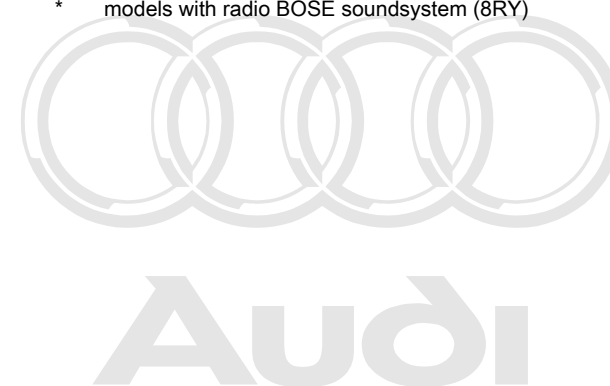
(B481) Connection 17 in main wiring harness

(B482) Connection 18 in main wiring harness

(B483) Connection 19 in main wiring harness

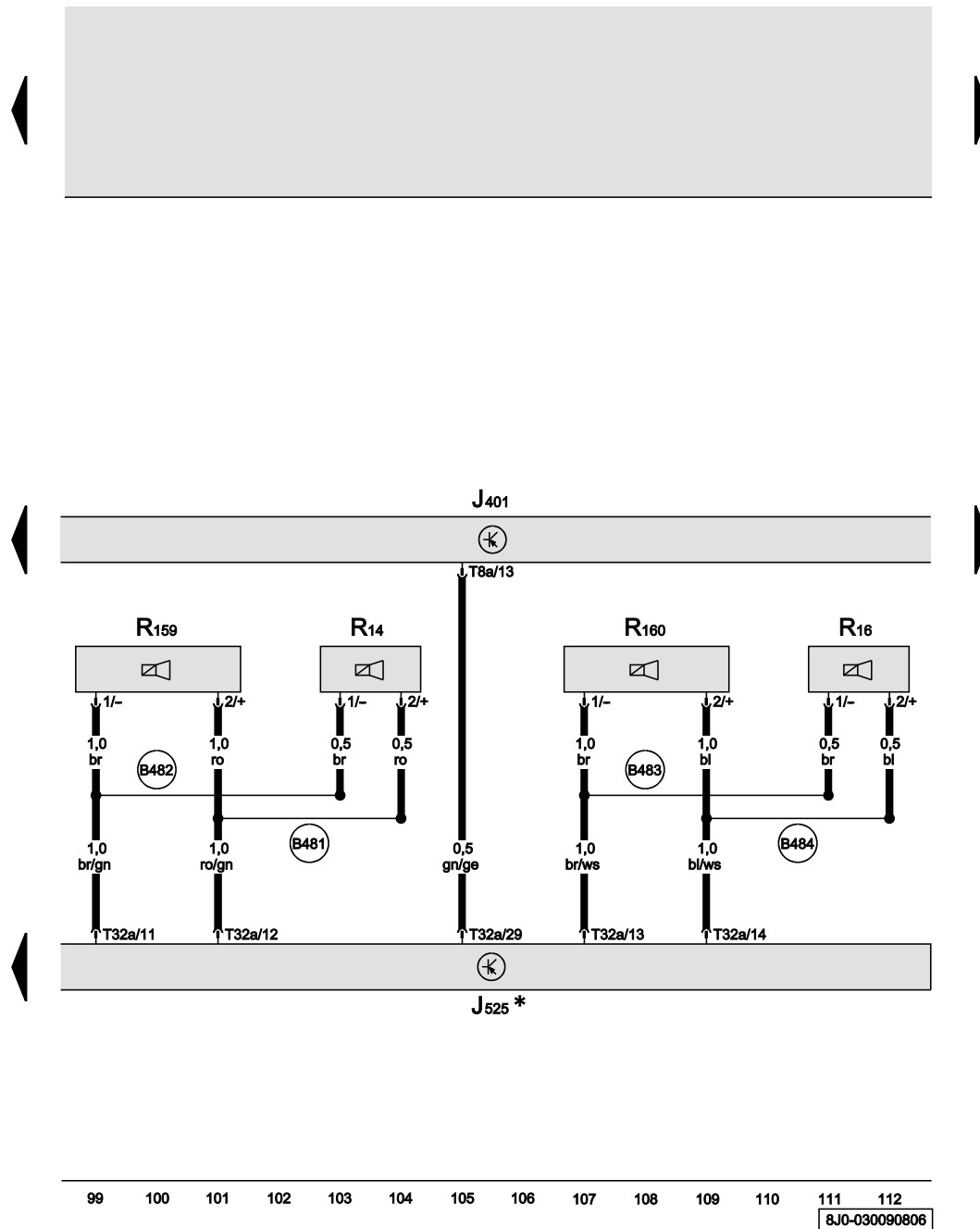
(B484) Connection 20 in main wiring harness

* models with radio BOSE soundsystem (8RY)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

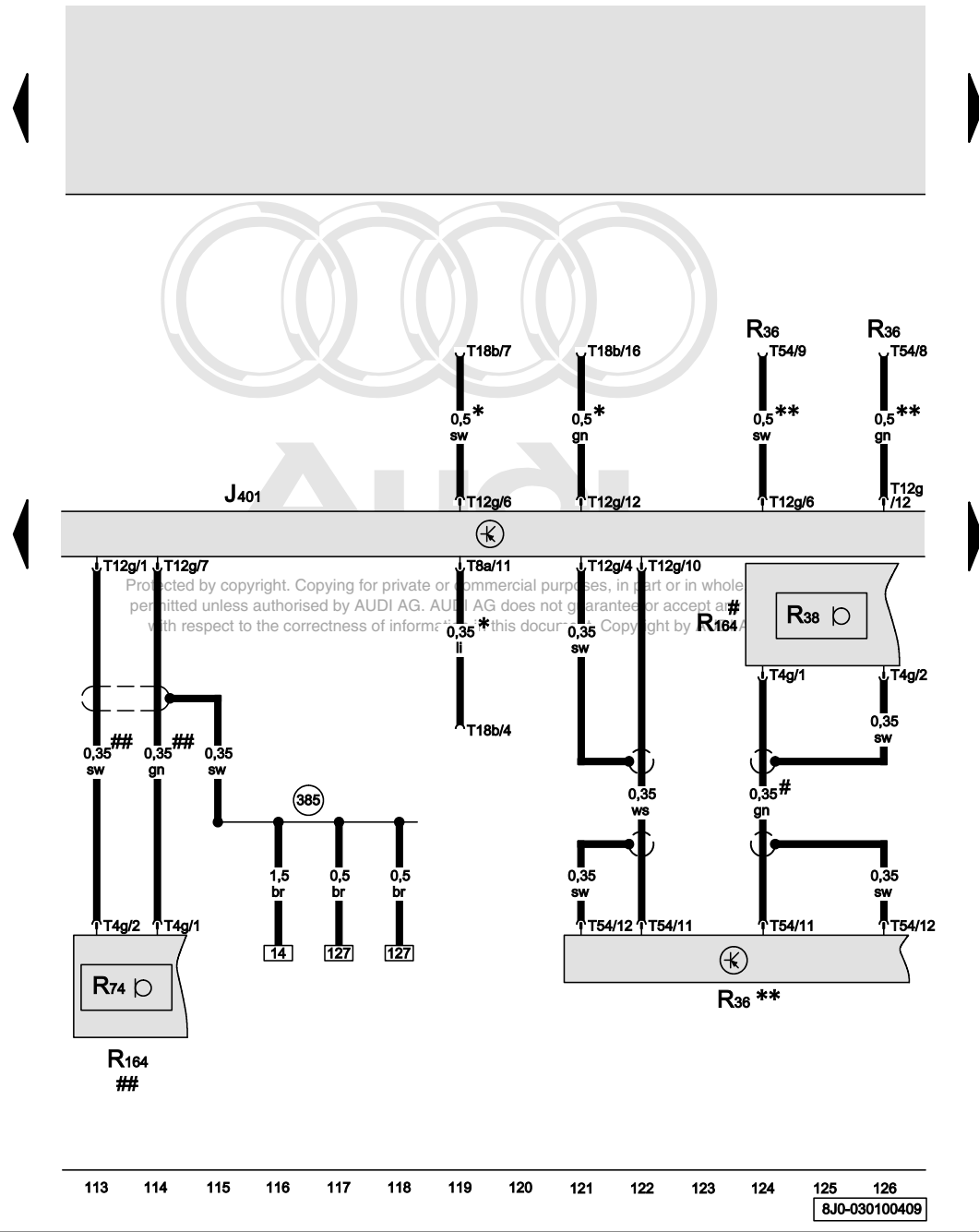


Navigation system with CD drive control unit, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- R36 Telephone transmitter and receiver unit
- R38 Telephone microphone
- R74 Internal microphone
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

385 Earth connection 20, in main wiring harness

- * models with preparation for mobile telephone (9ZD)
- ** models with preparation for mobile telephone (9ZF)
- # models without speech recognition
- ## models with speech recognition



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

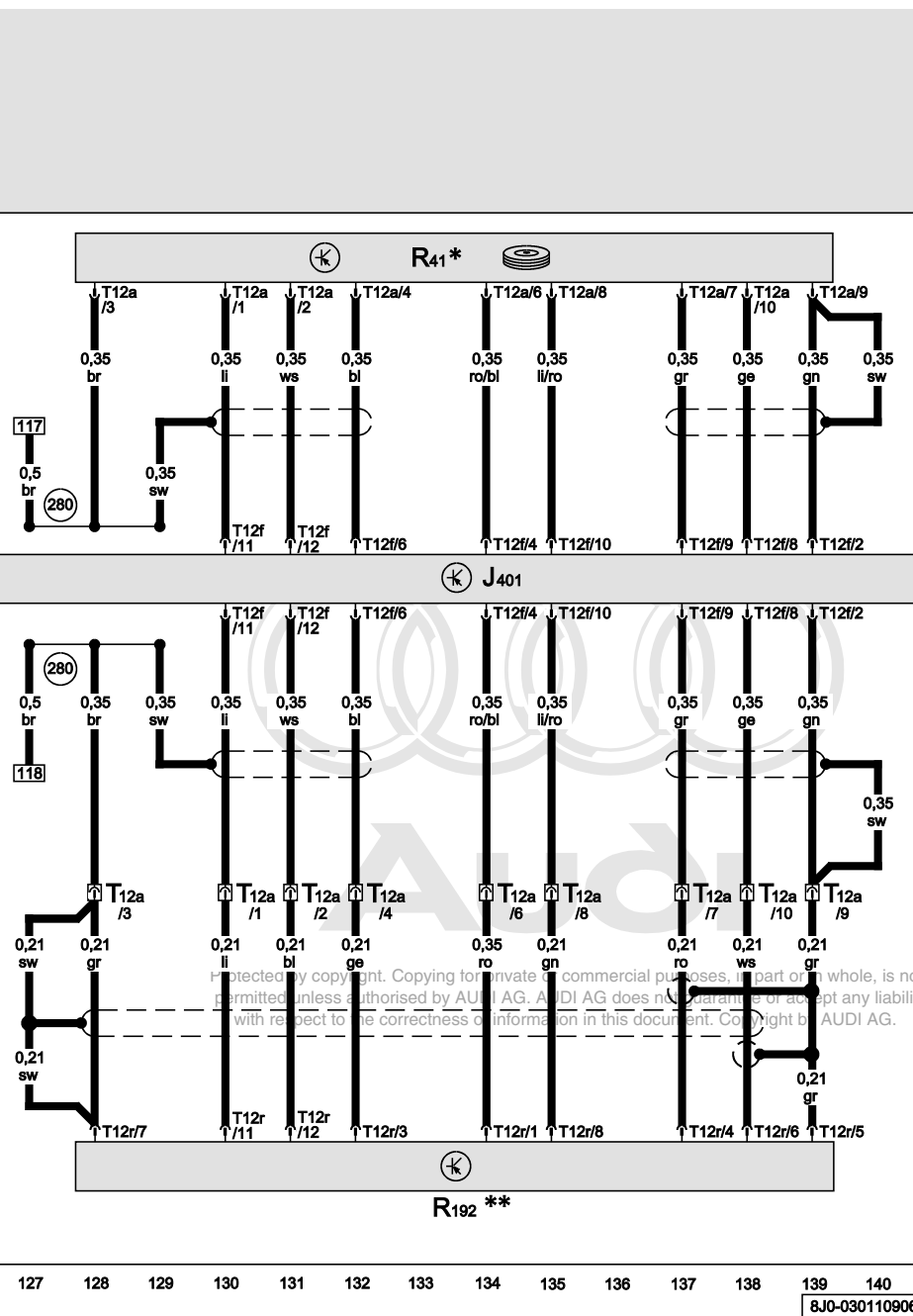
Navigation system with CD drive control unit, CD changer, iPod holder

- J401 Navigation system with CD drive control unit
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder

280 Earth connection, in communications wiring harness

* models with CD changer

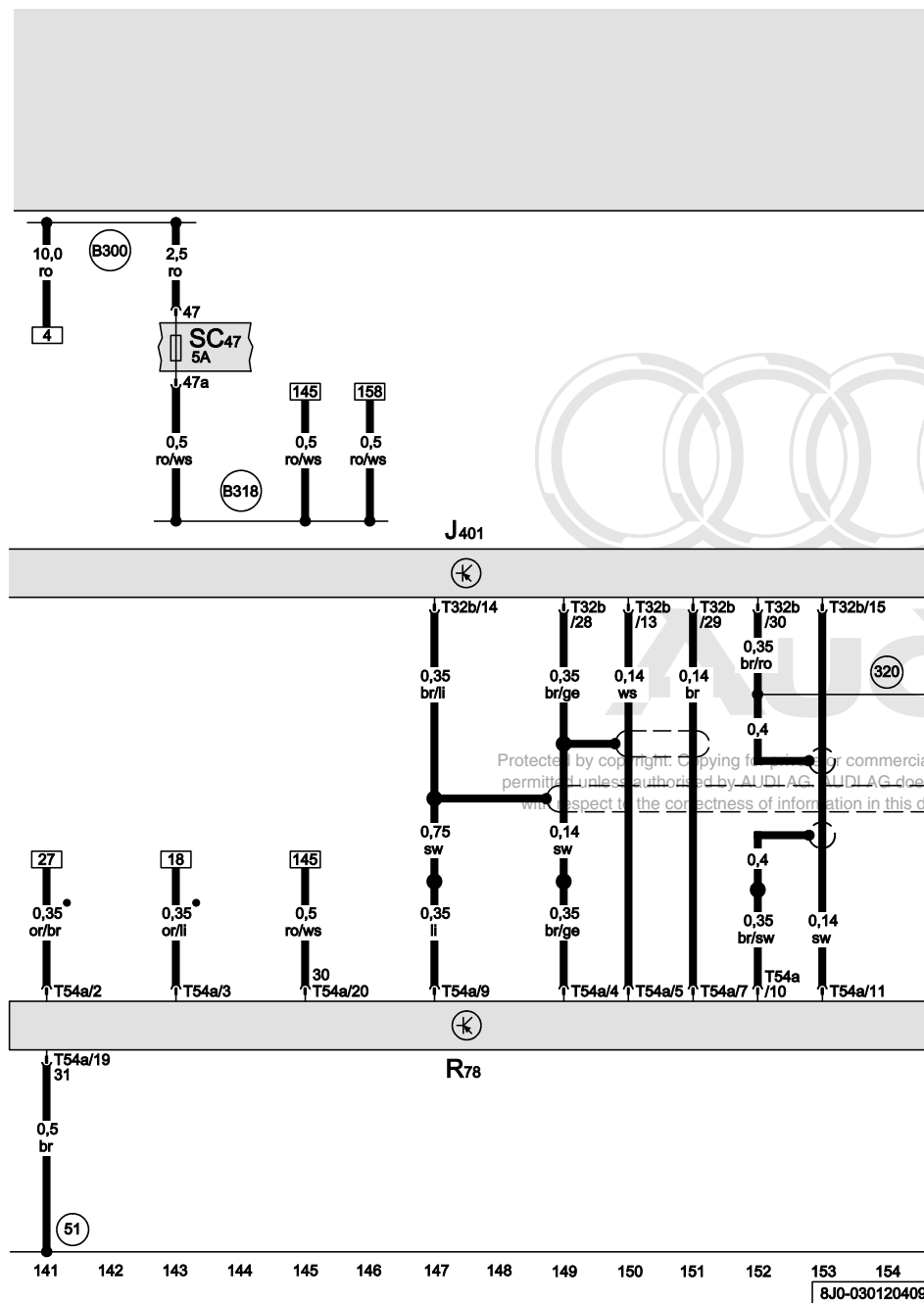
** models with iPod holder



Navigation system with CD drive control unit, TV tuner

- J401 Navigation system with CD drive control unit
 R78 TV tuner
 SC47 Fuse 47 on fuse holder C
 T32b 32-pin connector, connector E, on navigation system with CD drive control unit
 T54a 54-pin connector, black, on TV tuner

- 51 Earth point, on right in luggage compartment
 320 Earth connection (screening 1, TV), in communication wiring harness
 B300 Positive connection 4 (30), in main wiring harness
 B318 Positive connection 4 (30a), in main wiring harness
 • CAN bus (data wire)

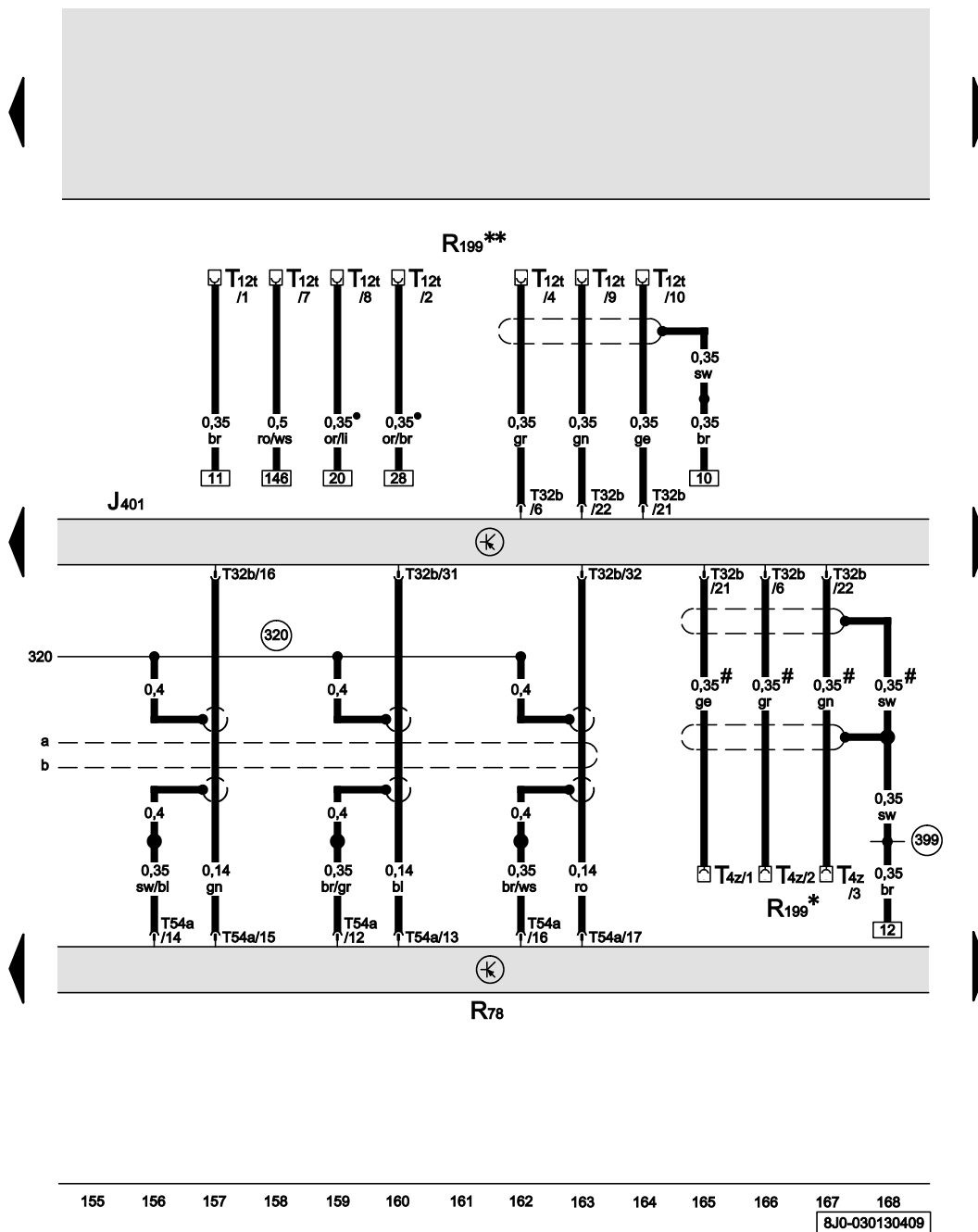


- ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Navigation system with CD drive control unit, TV tuner, AUX-in bus, Audi Music Interface - AML interface

- J401 Navigation system with CD drive control unit
- R78 TV tuner
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T12t 12-pin connector, black, behind the dash panel on right
- T32b 32-pin connector, connector E, on navigation system with CD drive control unit
- T54a 54-pin connector, black, on TV tuner
- (320) Earth connection (screening 1, TV), in communication wiring harness
- (399) Earth connection 34, in main wiring harness
- CAN bus (data wire)
- * models with connection for external audio source, AUX-in bus (UF1)
- ** models with connection for external audio source, AML - Audi Music Interface (UF7)
- # from November 2007
- ## from June 2009

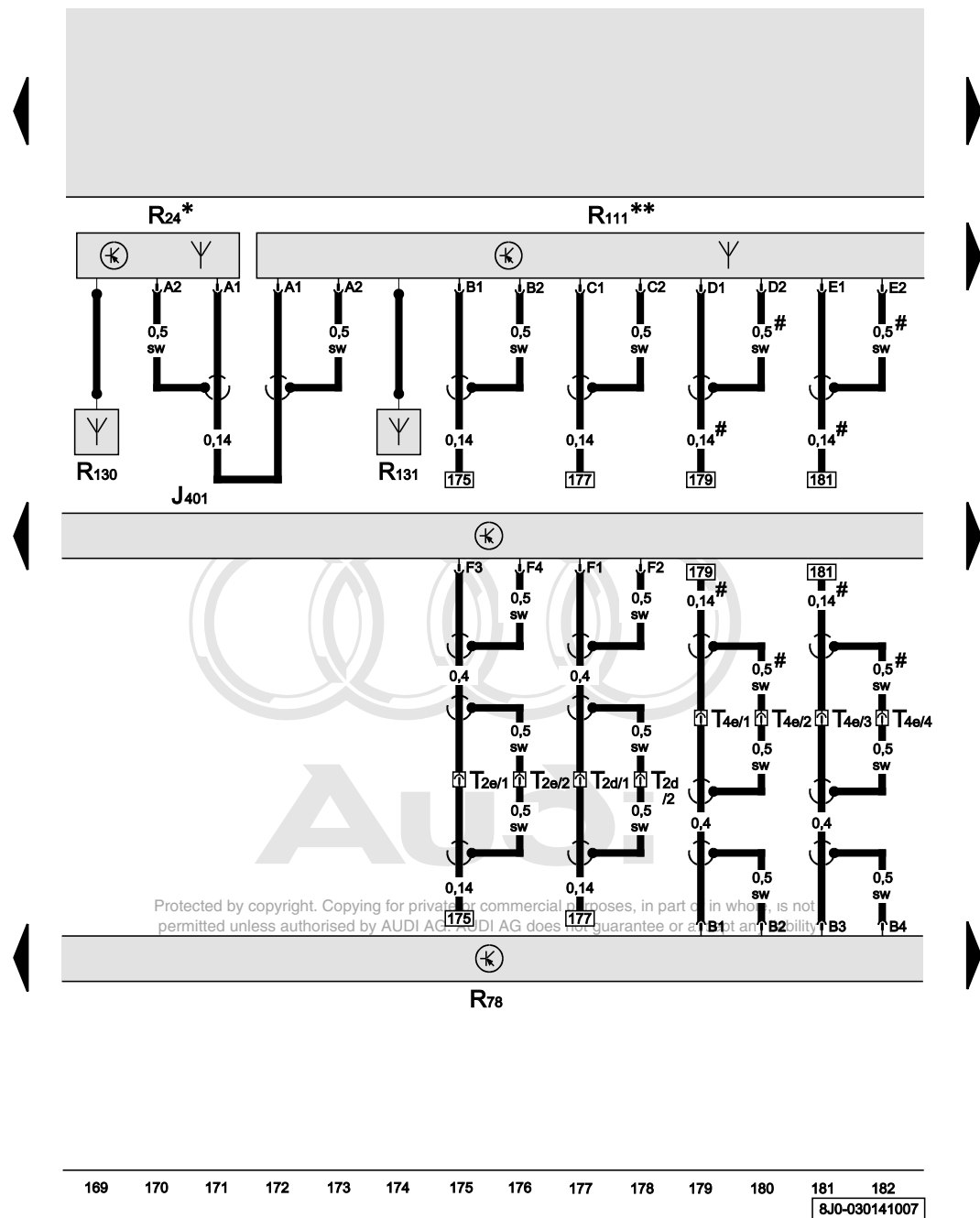
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Coupé, navigation system with CD drive control unit, TV tuner, aerial amplifier

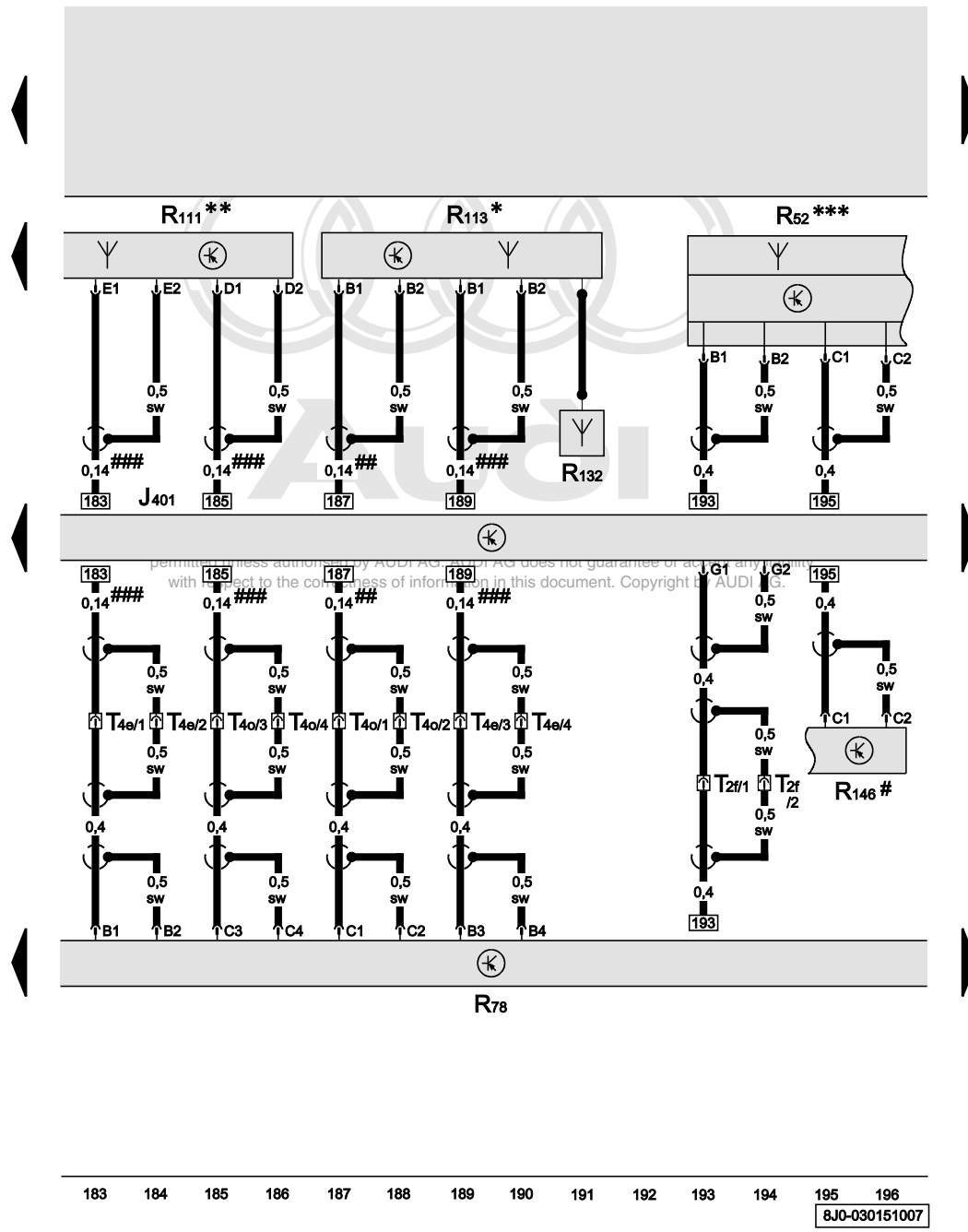
- J401 Navigation system with CD drive control unit
- R24 Aerial amplifier
- R78 TV tuner
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- T4e 4-pin connector, green, on right in rear lid
- * rear window upper right
- ** rear window bottom right
- # up to May 2007



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

Coupé, navigation system with CD drive control unit, TV tuner, aerial amplifier, radio, telephone and navigation system aerial

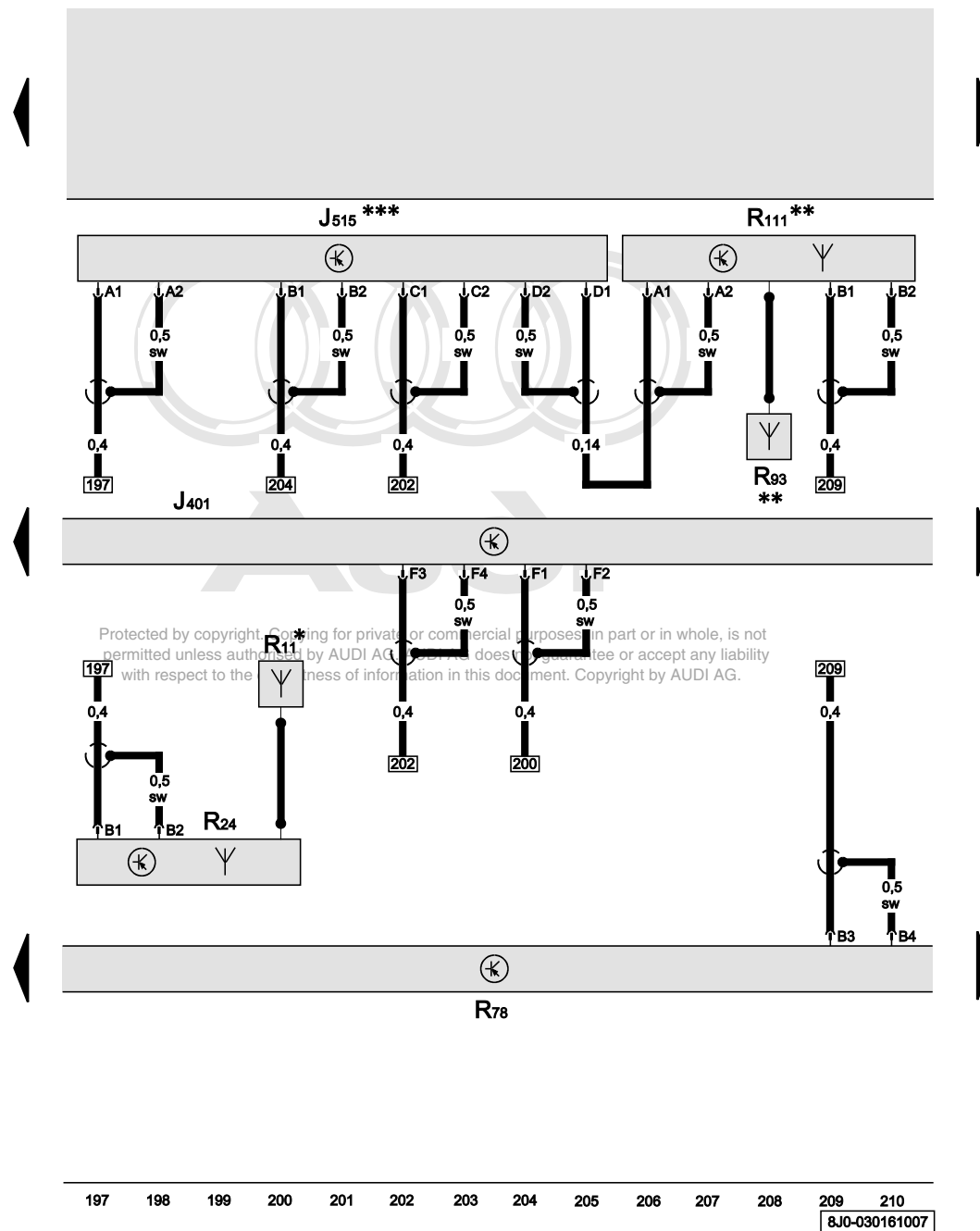
- J401 Navigation system with CD drive control unit
- R52 Radio, telephone and navigation system aerial
- R78 TV tuner
- R111 Aerial amplifier 2
- R113 Aerial amplifier 4
- R132 Rear window aerial 3
- R146 Satellite radio
- T2f 2-pin connector, blue, on rear right roof frame
- T4e 4-pin connector, green, on right in rear lid
- T4o 4-pin connector, brown, on right in rear lid
- * rear window upper left
- ** rear window bottom right
- *** roof aerial
- # only USA
- ## up to May 2007
- ### from June 2007



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

Roadster, navigation system with CD drive control unit, TV tuner, aerial amplifier

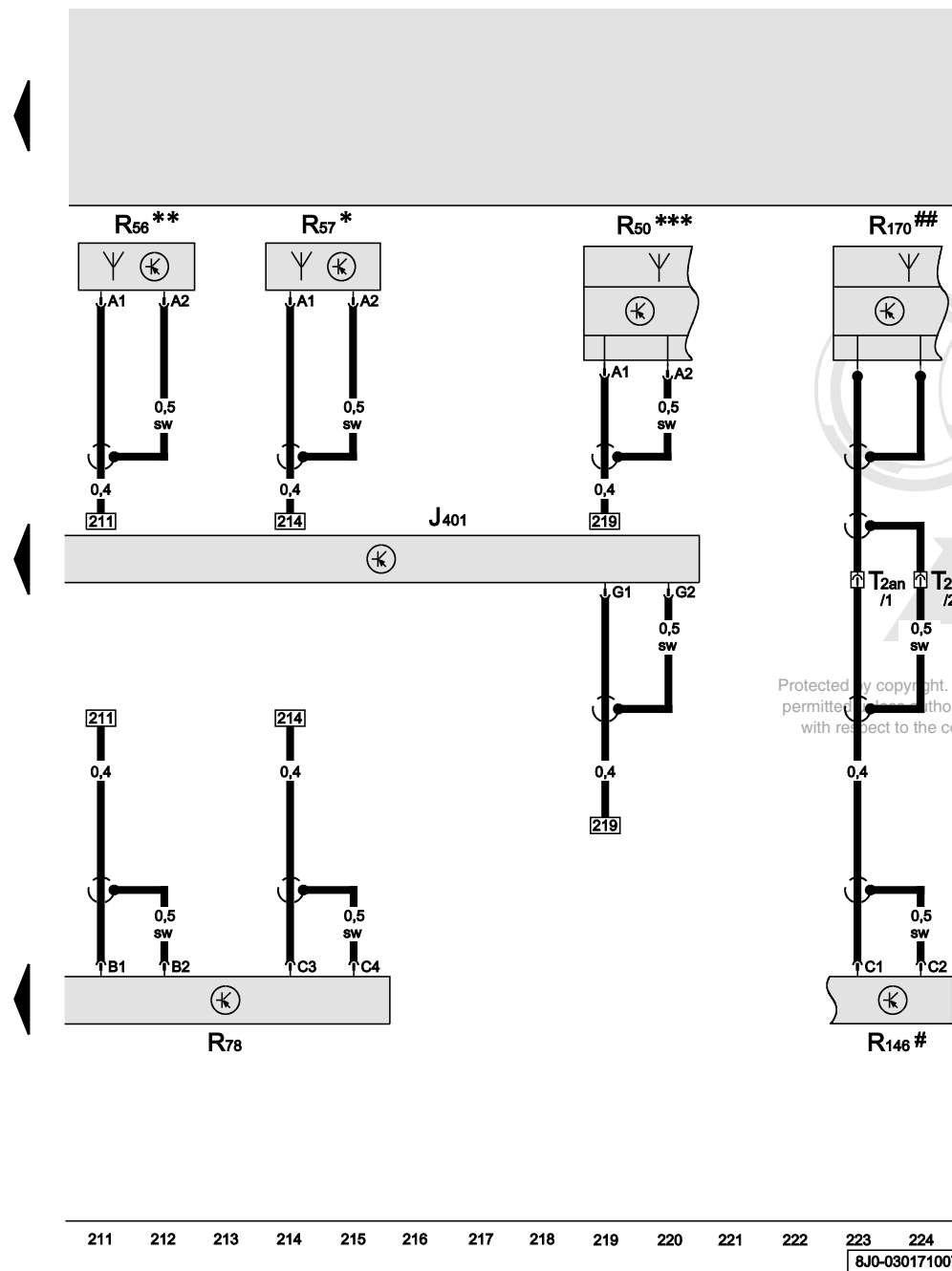
- J401 Navigation system with CD drive control unit
- J515 Aerial selection control unit
- R11 Aerial
- R24 Aerial amplifier
- R78 TV tuner
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * rod aerial rear left
- ** rear right
- *** under the floor panel in the luggage compartment



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

Roadster, navigation system with CD drive control unit, TV tuner, TV aerial 2 and 3, navigation system aerial, satellite aerial

- J401 Navigation system with CD drive control unit
- R50 Navigation system aerial
- R56 TV aerial 2
- R57 TV aerial 3
- R78 TV tuner
- R146 Satellite radio
- R170 Satellite aerial
- T2an 2-pin connector, green, left in rear lid
- * on left windscreen
- ** on right windscreen
- *** on centre windscreen
- # only USA
- ## on left in rear lid



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the prior written authorisation by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Navigation system Japan (7Q4)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

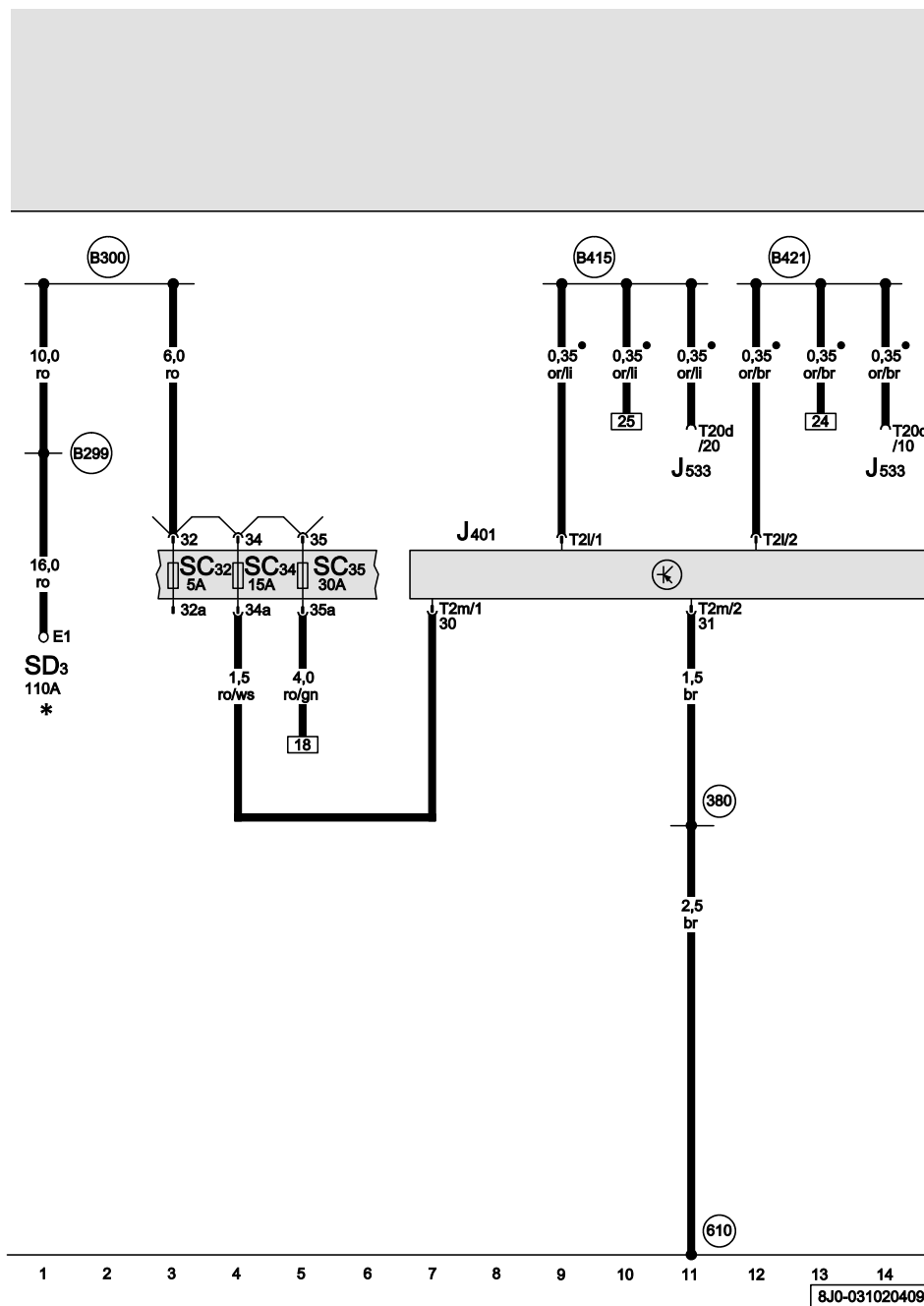
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



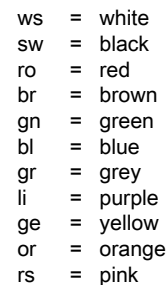
Navigation system with CD drive control unit, fuses

- J401 Navigation system with CD drive control unit
- J533 Data bus diagnostic interface
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2I 2-pin connector, black, connector CAN, on navigation system with CD drive control unit
- T2m 2-pin connector, black, connector A, on navigation system with CD drive control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- 380 Earth connection 15, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * CAN bus (data wire) main fuse box, in luggage compartment, rear right, on the battery

Copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

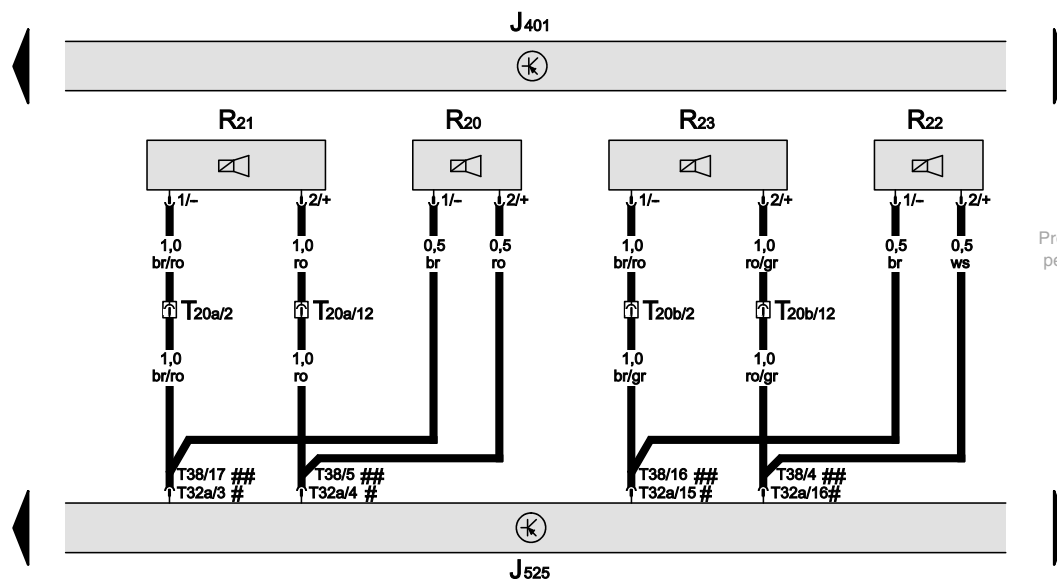
J401	Navigation system with CD drive control unit
J525	Digital sound package control unit
R158	Centre mid-range and treble loudspeaker
T12h	12-pin connector, black, connector C, on navigation system with CD drive control unit
T32a	32-pin connector, black, on digital sound package control unit
T38	38-pin connector, black, on digital sound package control unit

- CAN bus (data wire)
- # up to January 2009
- ## from February 2009



Navigation system with CD drive control unit, digital sound package control unit, front left and right treble loudspeaker, front left and right bass loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- # up to January 2009
- ## from February 2009

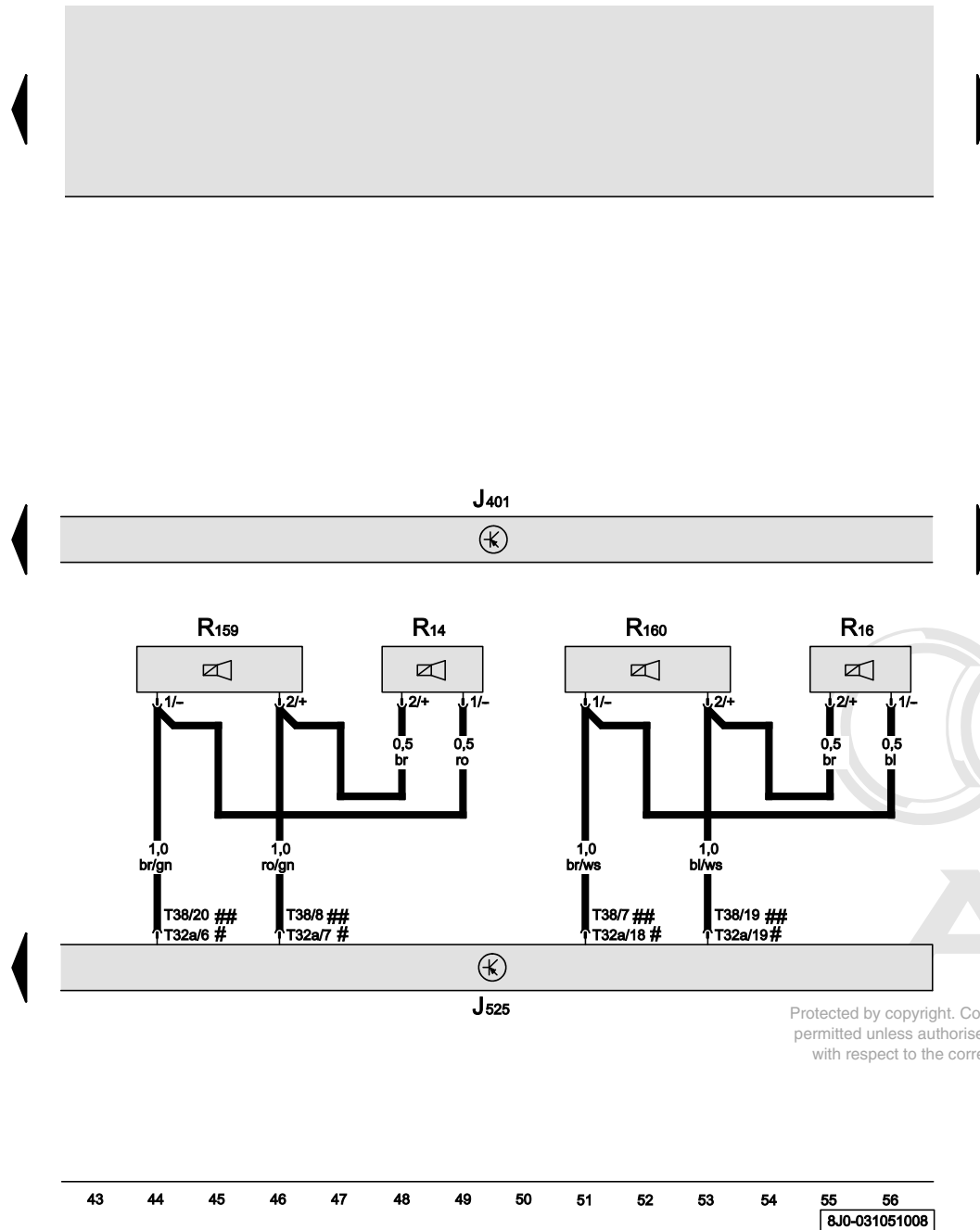


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

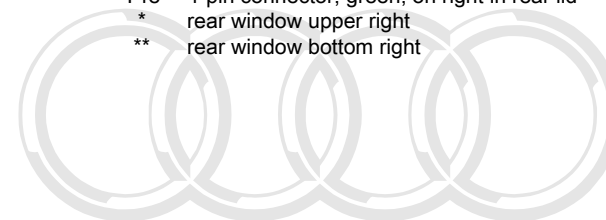
- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R16 Rear right treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- # up to January 2009
- ## from February 2009



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

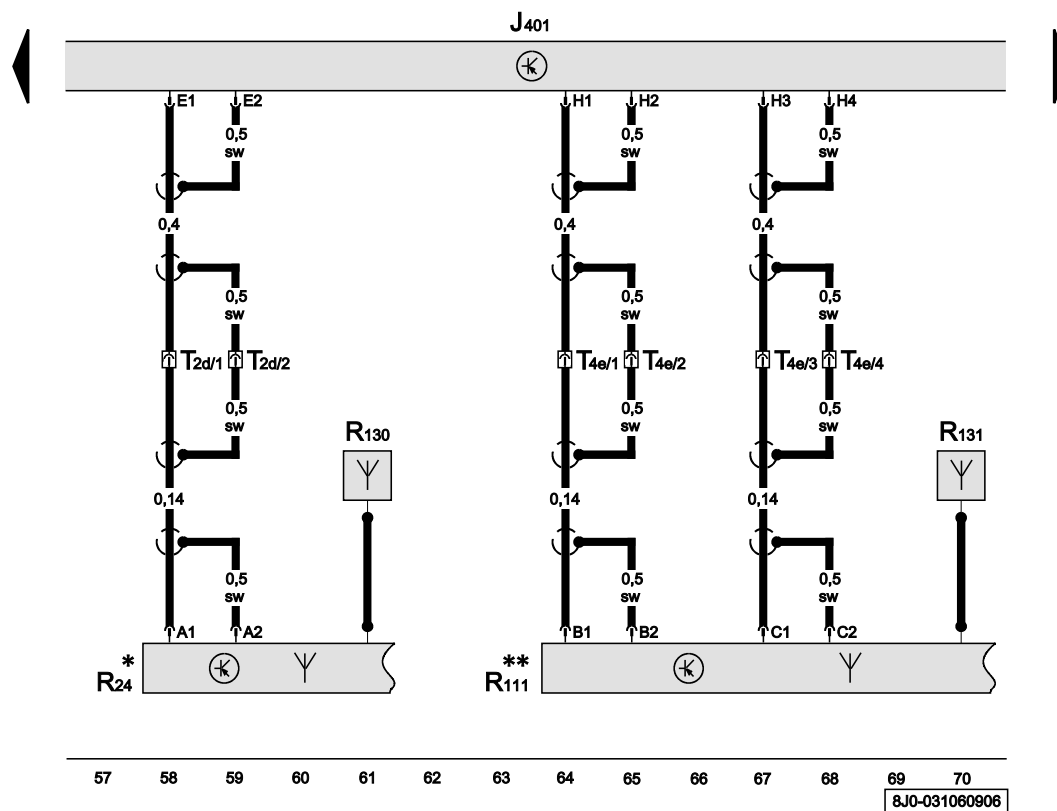
Coupé, navigation system with CD drive control unit, aerial amplifier

- J401 Navigation system with CD drive control unit
- R24 Aerial amplifier
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T4e 4-pin connector, green, on right in rear lid
- * rear window upper right
- ** rear window bottom right



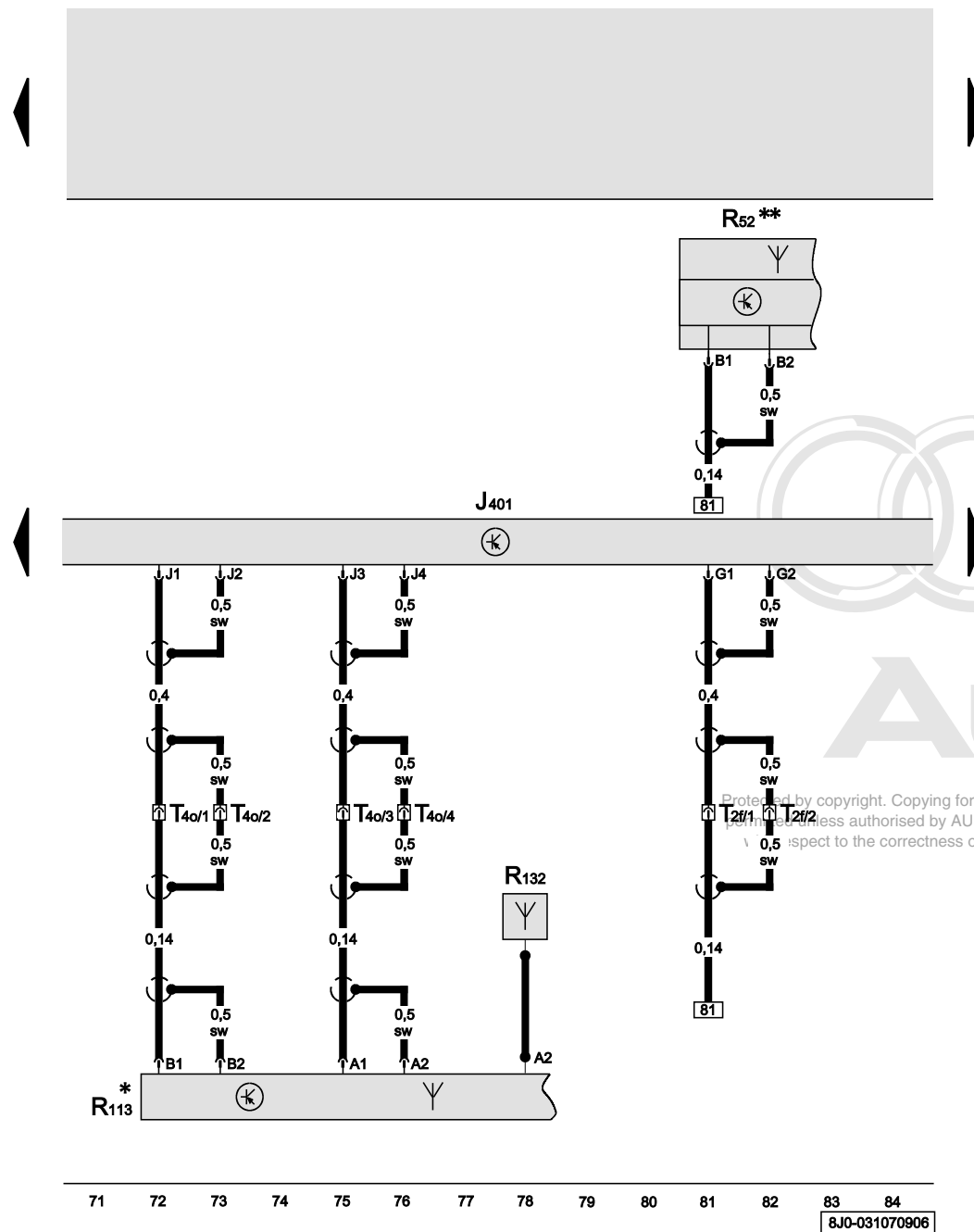
Audi

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Coupé, navigation system with CD drive control unit, aerial amplifier, radio, telephone and navigation system aerial

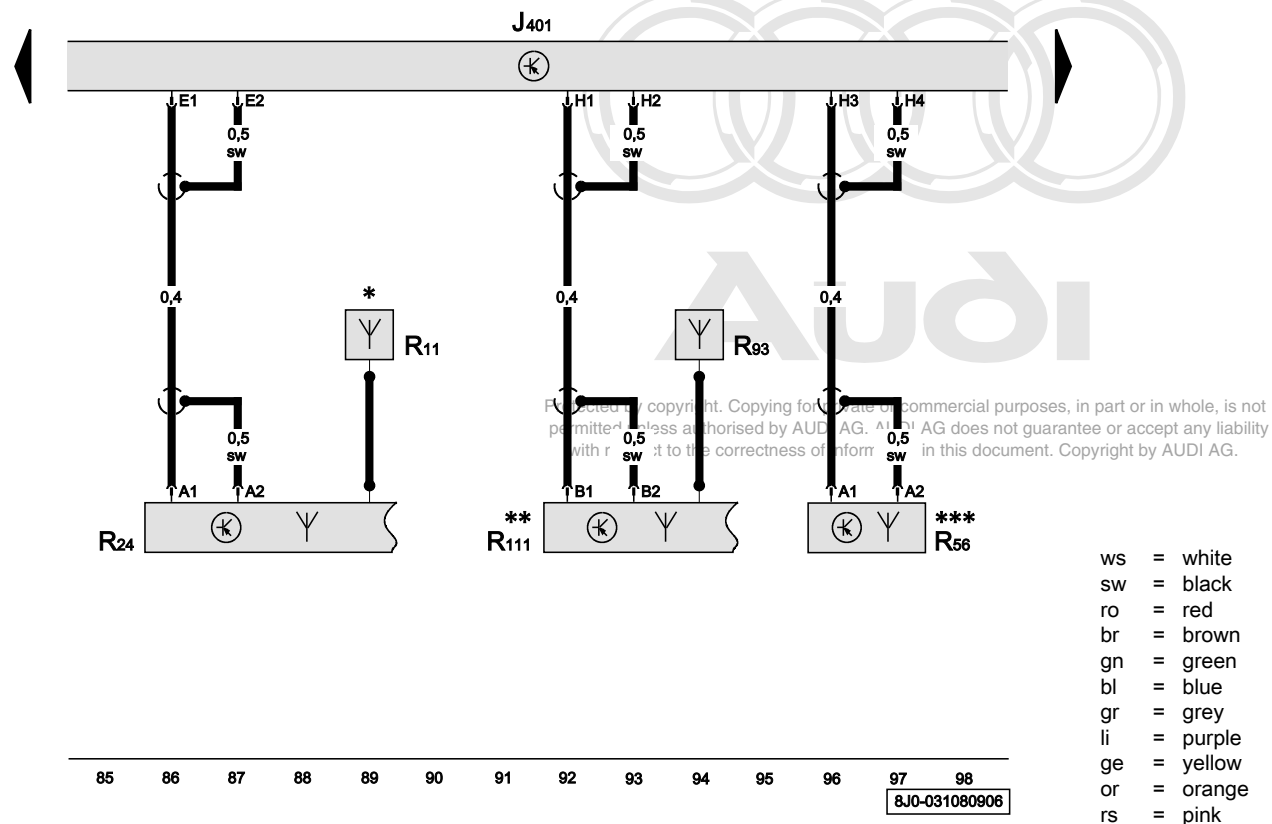
- J401 Navigation system with CD drive control unit
- R52 Radio, telephone and navigation system aerial
- R113 Aerial amplifier 4
- R132 Rear window aerial 3
- T2f 2-pin connector, blue, on rear right roof frame
- T4o 4-pin connector, brown, on right in rear lid
- * rear window upper left
- ** roof aerial



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

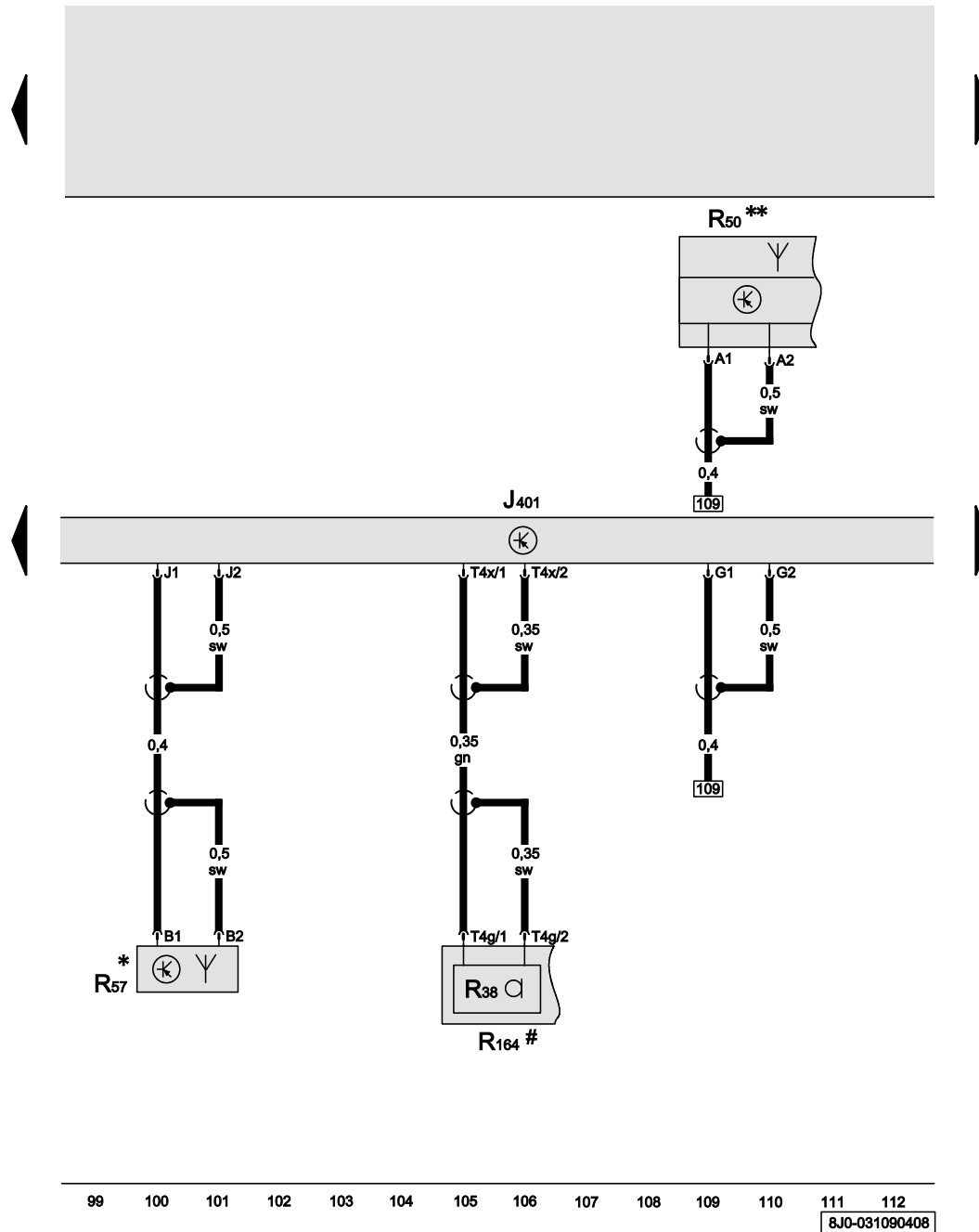
Roadster, navigation system with CD drive control unit, aerial amplifier, TV aerial 2

- J401 Navigation system with CD drive control unit
- R11 Aerial
- R24 Aerial amplifier
- R56 TV aerial 2
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * rod aerial rear left
- ** rear right
- *** on right windscreen



Roadster, navigation system with CD drive control unit,
navigation system aerial, TV aerial 3

- J401 Navigation system with CD drive control unit
R38 Telephone microphone
R50 Navigation system aerial
R57 TV aerial 3
R164 Microphone unit in front roof module
T4g 4-pin connector, black, on microphone unit in front roof module
T4x 4-pin connector, black, connector L, on navigation system with
CD drive control unit
* on left windscreen
** on centre windscreen
from June 2008



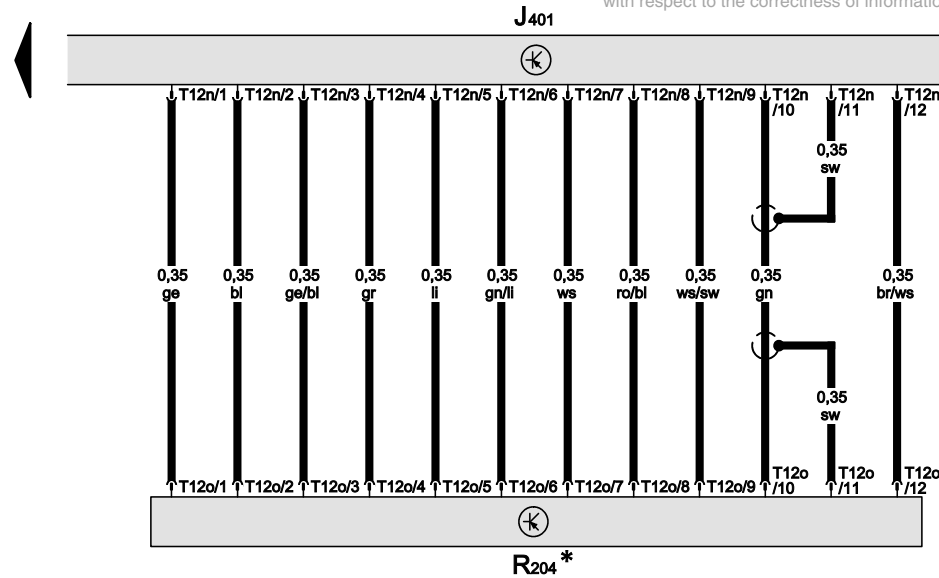
- ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Navigation system with CD drive control unit, TV card reader

- J401 Navigation system with CD drive control unit
- R204 TV card reader
- T12n 12-pin connector, connector K, on navigation system with CD drive control unit
- T12o 12-pin connector, black, on TV card reader
- * from June 2008

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Communication USA

- ⇒ Navigation system RNS-E (7Q2)
- ⇒ Radio standard soundsystem (9VD)
- ⇒ Radio BOSE soundsystem (8RY)
- ⇒ CD changer (7A2)
- ⇒ iPod holder (UF1)
- ⇒ AMI - Audi Music Interface (UF7)
- ⇒ Satellite radio

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

- ⇒ List of Fitting Locations!

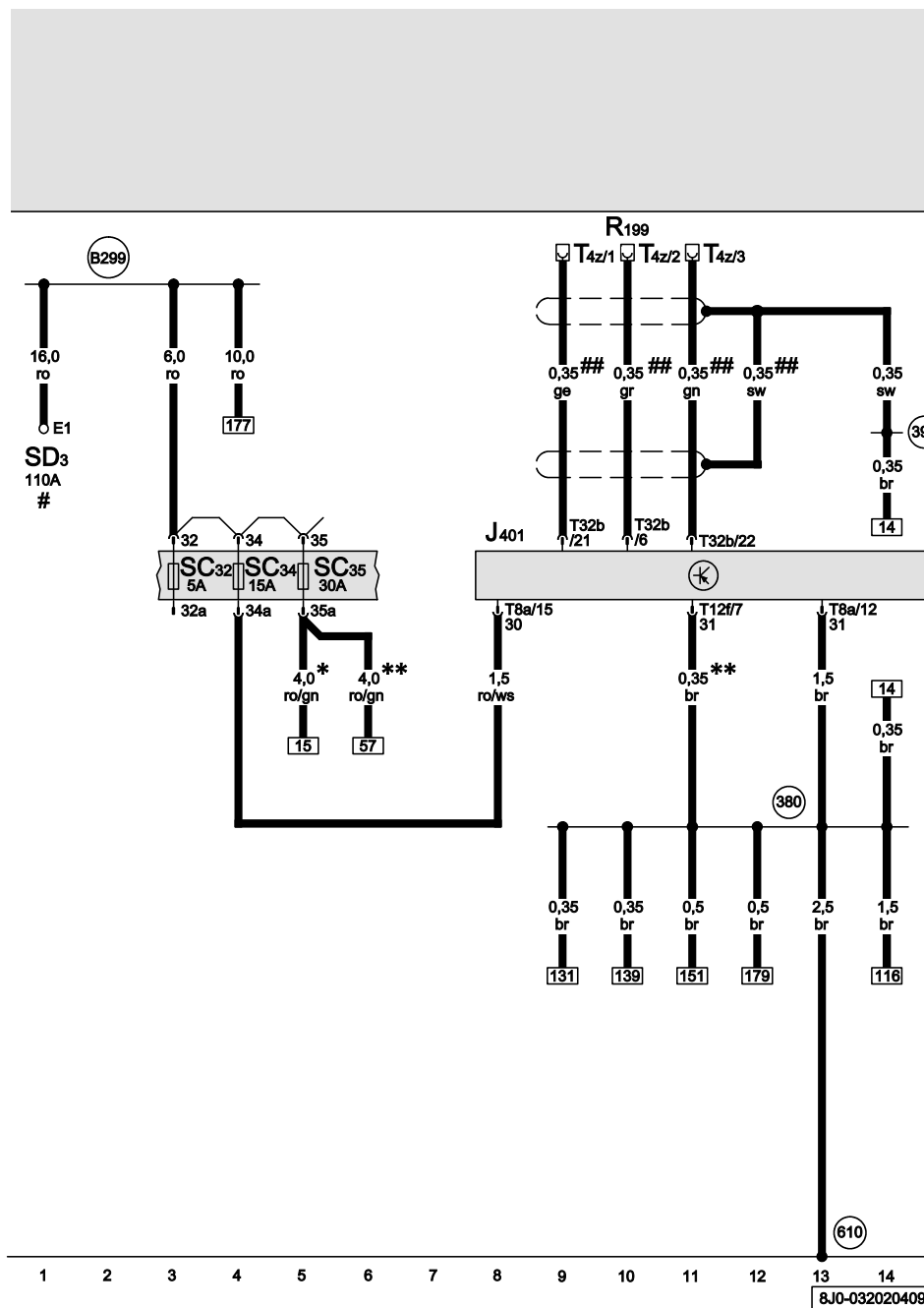
For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Navigation system with CD drive control unit, connection for external audio source (Aux-In), fuses

- J401 Navigation system with CD drive control unit
- R199 Connection for external audio source
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T32b 32-pin connector, connector E, on navigation system with CD drive control unit

- 380 Earth connection 15, in main wiring harness
- 399 Earth connection 34, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness

- * models with radio standard soundsystem (9VD)
- ** models with radio BOSE soundsystem (8RY)

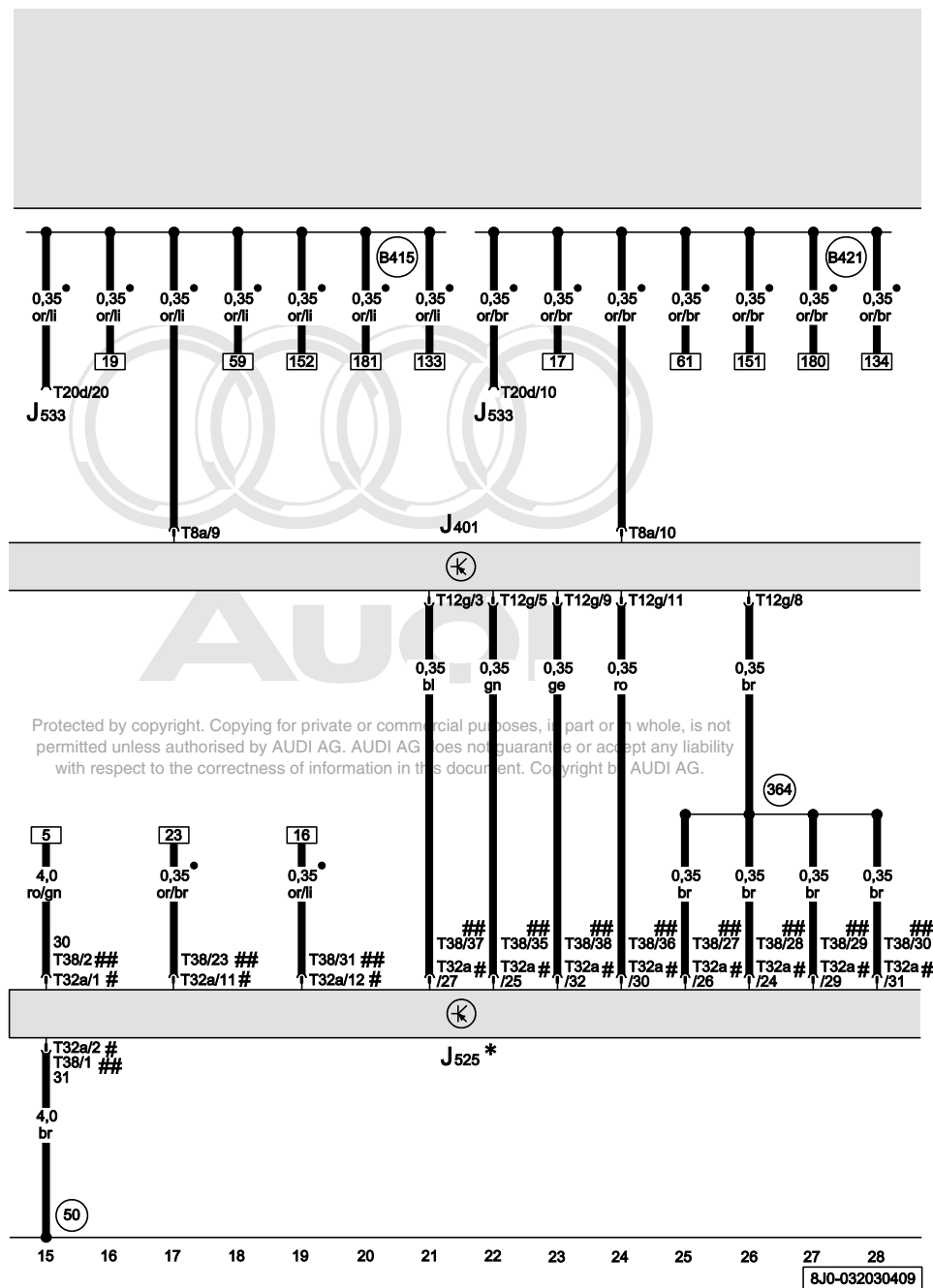
main fuse box, in luggage compartment, rear right, on the battery
models with connection for external audio source, AUX-in bus
Protected by copyright. Copying or reproduction in any form is prohibited without the written permission of Audi AG. Copyright by Audi AG.

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

Navigation system with CD drive control unit, digital sound package control unit

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit

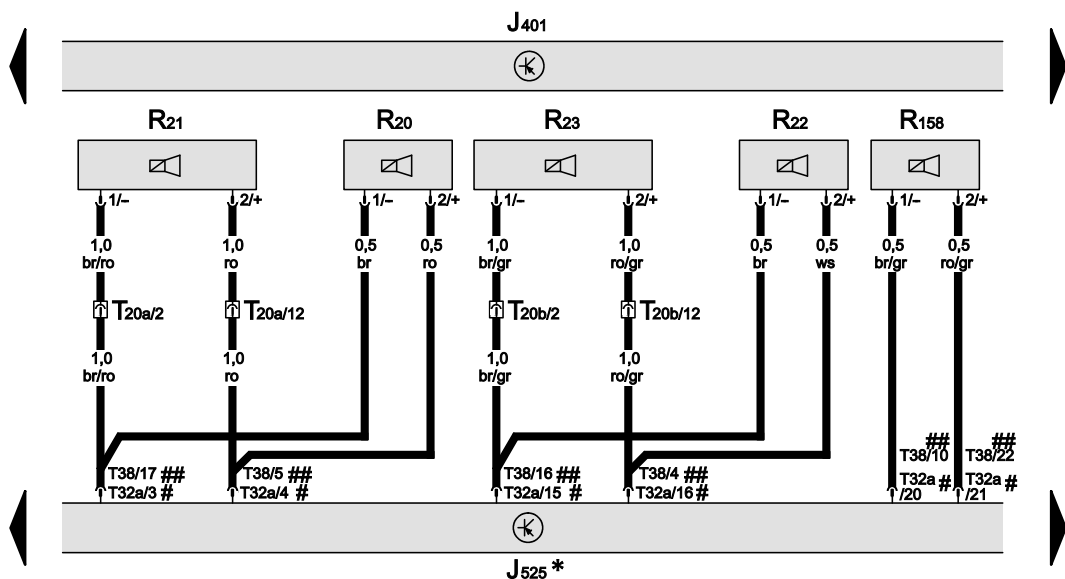
- 50 Earth point, on left in luggage compartment
- 364 Earth connection 1 (LF), in dash panel wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * models with radio standard soundsystem (9VD)
- # up to January 2009
- ## from February 2009



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

Navigation system with CD drive control unit, digital sound package control unit, front left and right treble loudspeaker, front left and right bass loudspeaker, centre mid-range and treble loudspeaker

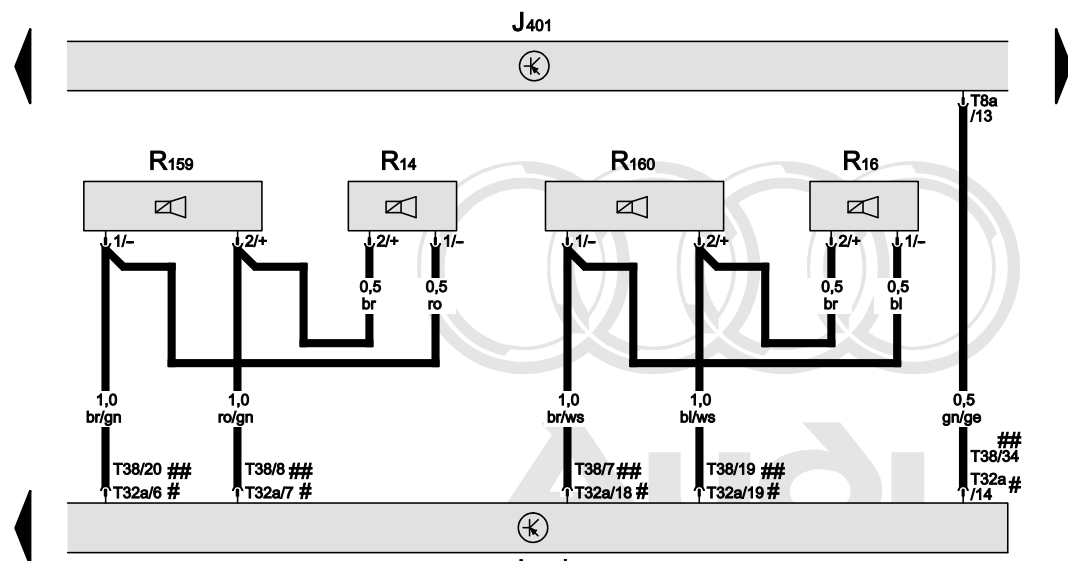
- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- * models with radio standard soundsystem (9VD)
- # up to January 2009
- ## from February 2009



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

Navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R16 Rear right treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- * models with radio standard soundsystem (9VD)
- # up to January 2009
- ## from February 2009



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

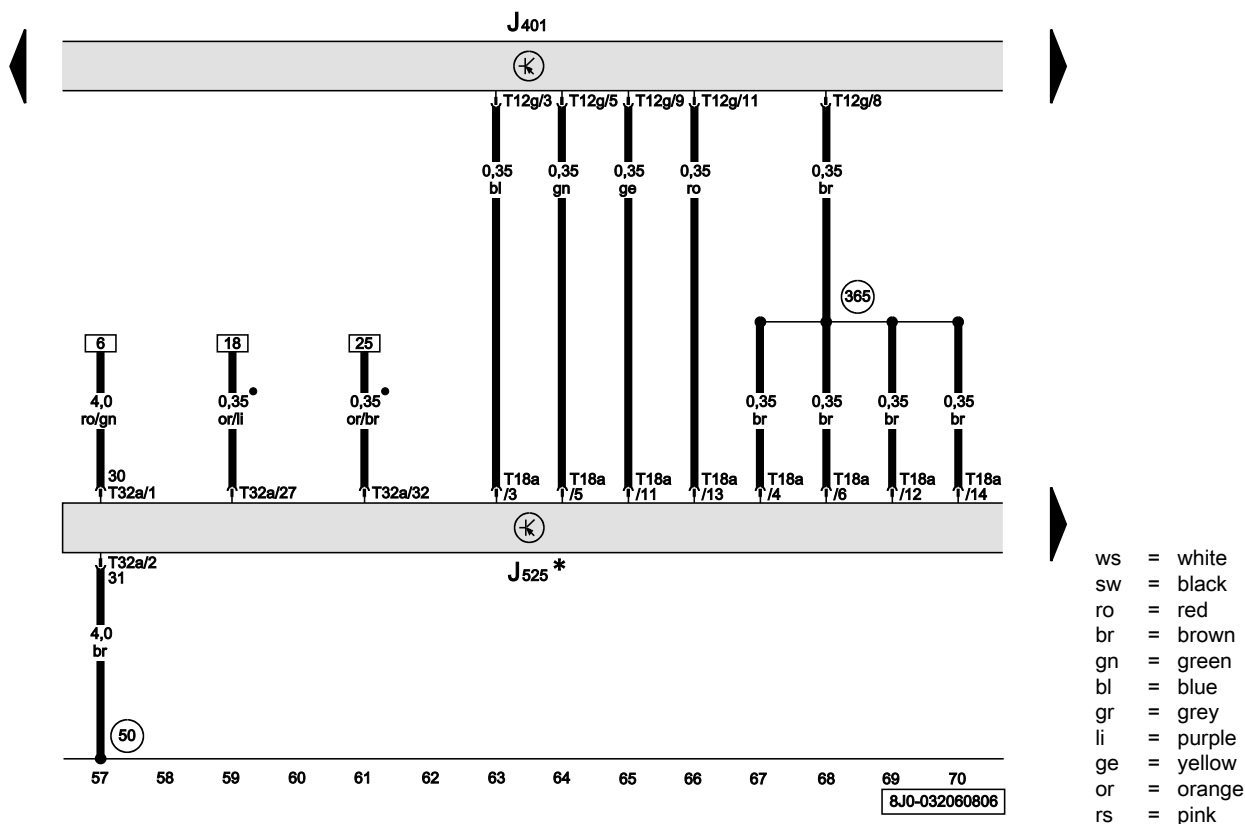
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Navigation system with CD drive control unit, digital sound package control unit

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit
- T32a 32-pin connector, black, on digital sound package control unit

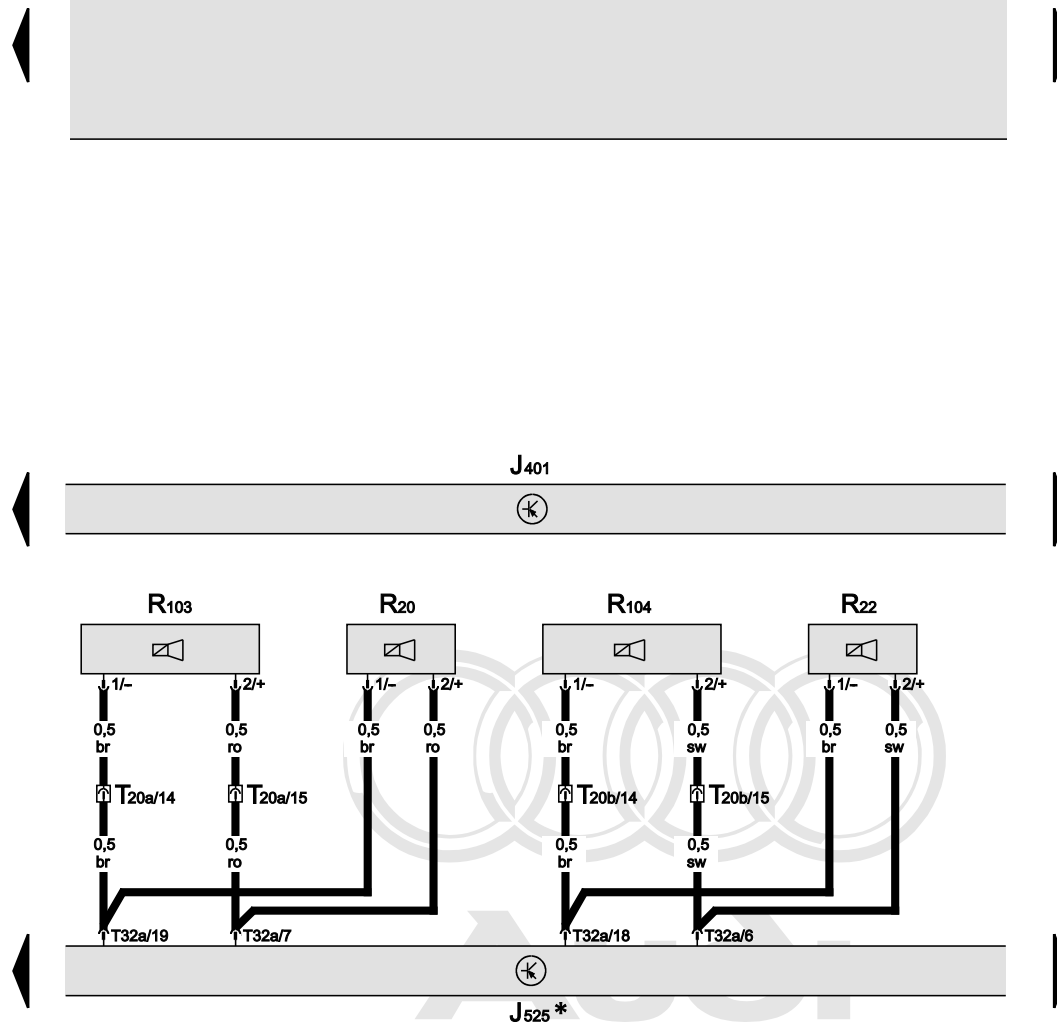
- 50 Earth point, on left in luggage compartment
- 365 Earth connection 2 (LF), in dash panel wiring harness
- CAN bus (data wire)
- * models with radio BOSE soundsystem (8RY)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Navigation system with CD drive control unit, digital sound package control unit, front left and right treble loudspeaker, front left and right mid-range loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R22 Front right treble loudspeaker
- R103 Front left mid-range loudspeaker
- R104 Front right mid-range loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
- * models with radio BOSE soundsystem (8RY)



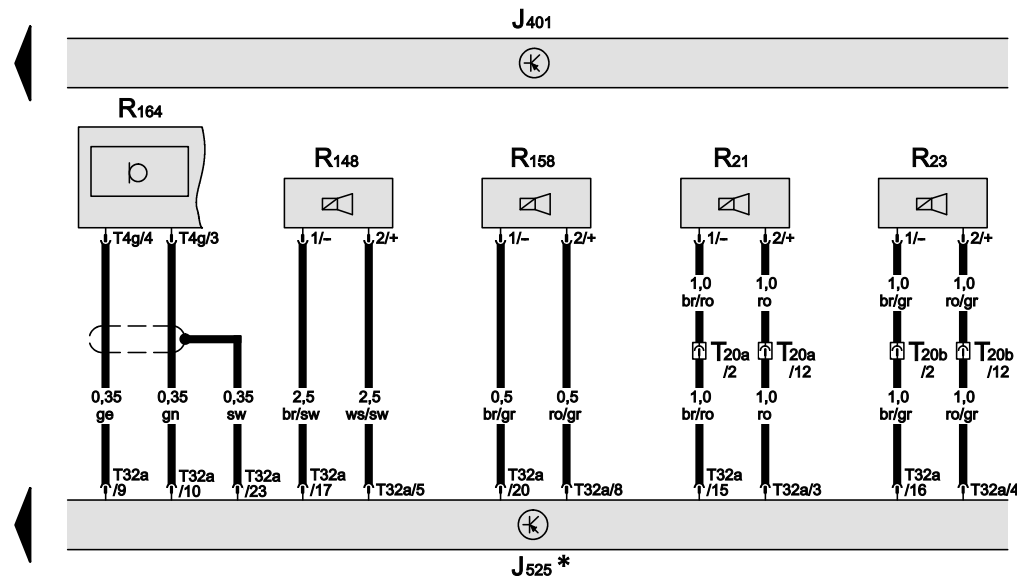
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Navigation system with CD drive control unit, digital sound package control unit, front left and right bass loudspeaker, centre mid-range and treble loudspeaker, middle loudspeaker, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- R148 Middle loudspeaker
- R158 Centre mid-range and treble loudspeaker
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

Protected by copyright. Copying or reproduction in any form is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R16 Rear right treble loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit

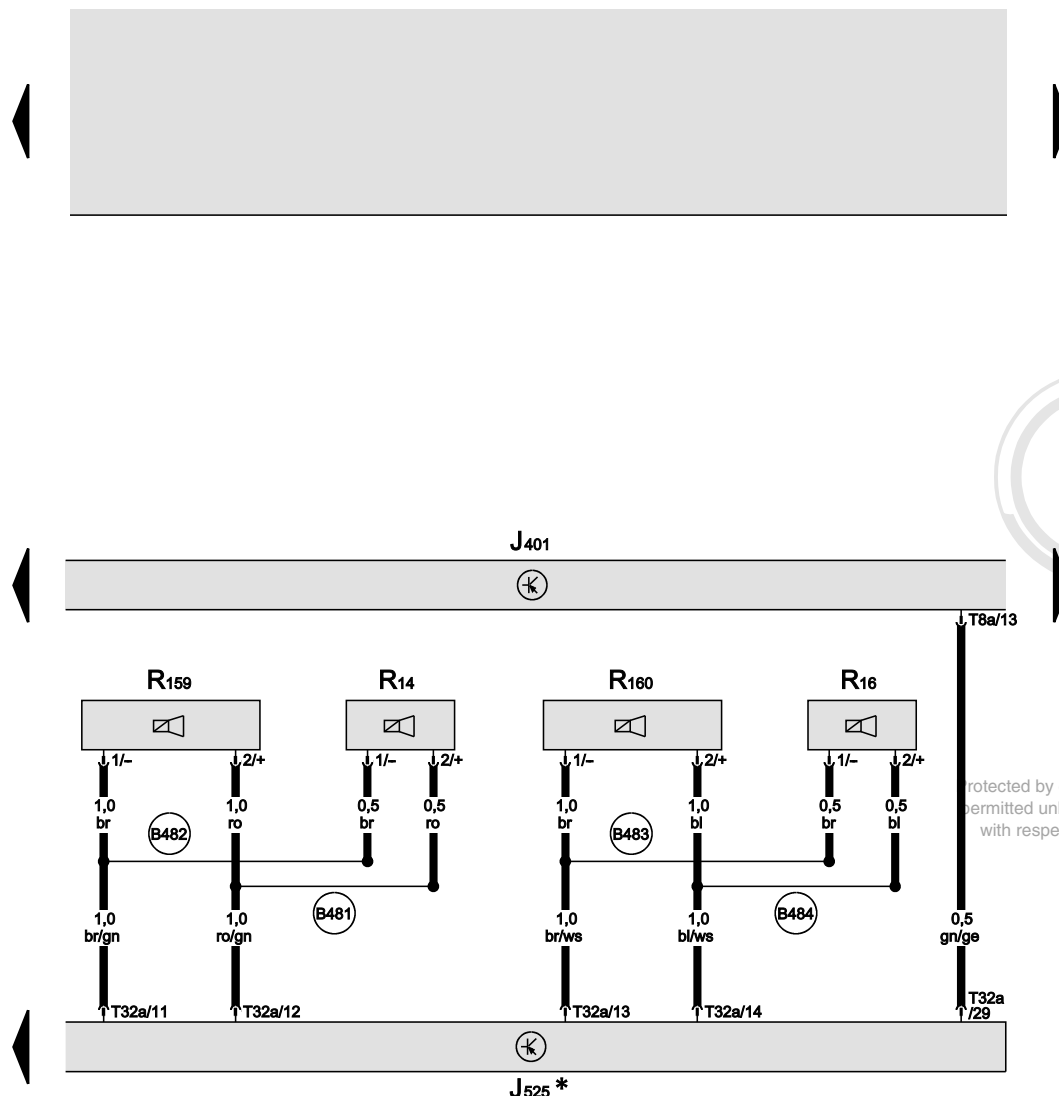
(B481) Connection 17 in main wiring harness

(B482) Connection 18 in main wiring harness

(B483) Connection 19 in main wiring harness

(B484) Connection 20 in main wiring harness

* models with radio BOSE soundsystem (8RY)



protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

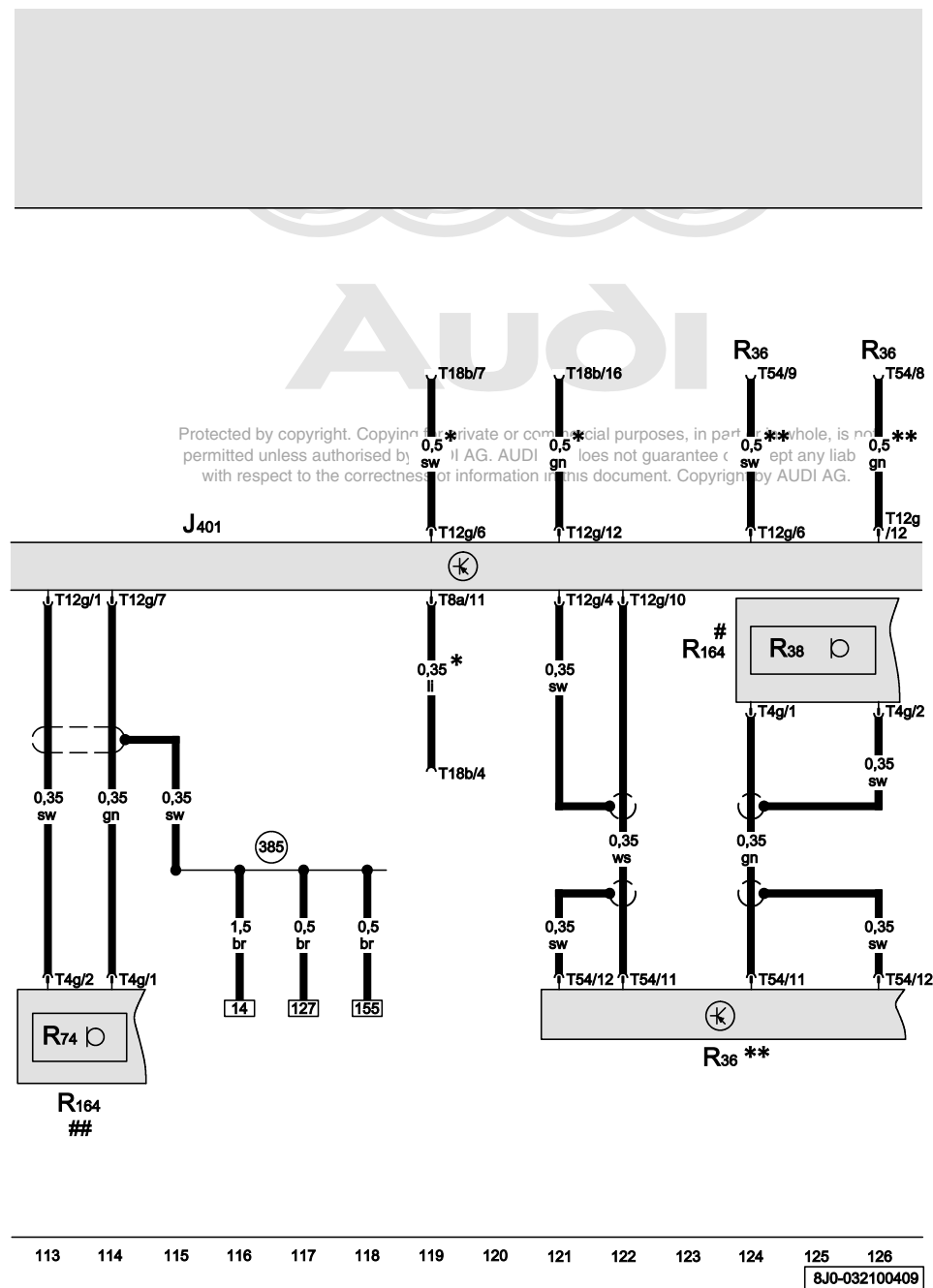
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Navigation system with CD drive control unit, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- R36 Telephone transmitter and receiver unit
- R38 Telephone microphone
- R74 Internal microphone
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

385 Earth connection 20, in main wiring harness

- * models with preparation for mobile telephone (9ZD)
- ** models with preparation for mobile telephone (9ZG)
- # models without speech recognition
- ## models with speech recognition



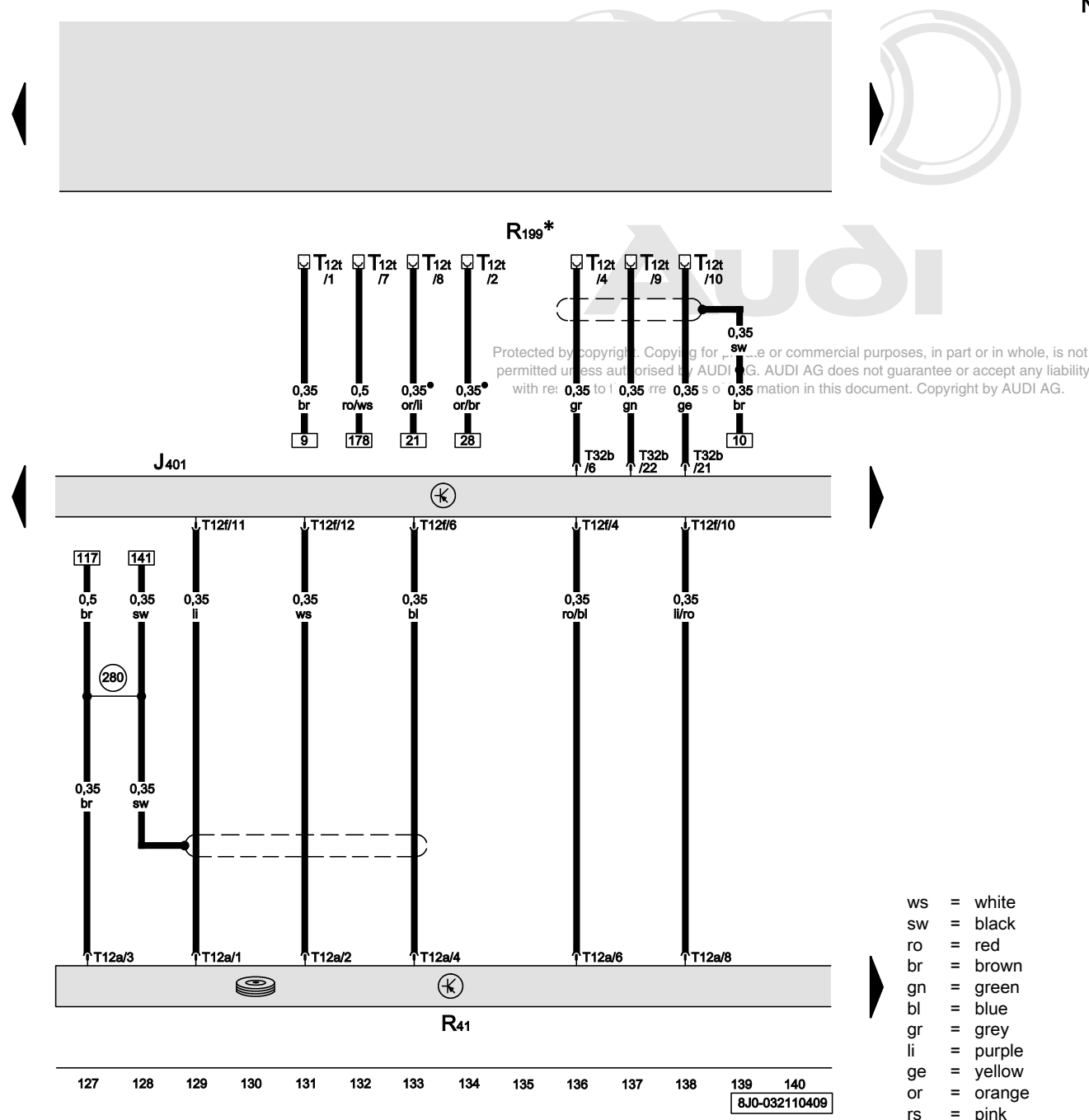
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- ge = yellow
- or = orange
- rs = pink

Navigation system with CD drive control unit, CD changer

- J401 Navigation system with CD drive control unit
- R41 CD changer
- R199 Connection for external audio source
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12t 12-pin connector, black, behind the dash panel on right
- T32b 32-pin connector, connector E, on navigation system with CD drive control unit

280 Earth connection, in communications wiring harness

- CAN bus (data wire)
- * models with connection for external audio source, AMI - Audi Music Interface (UF7)

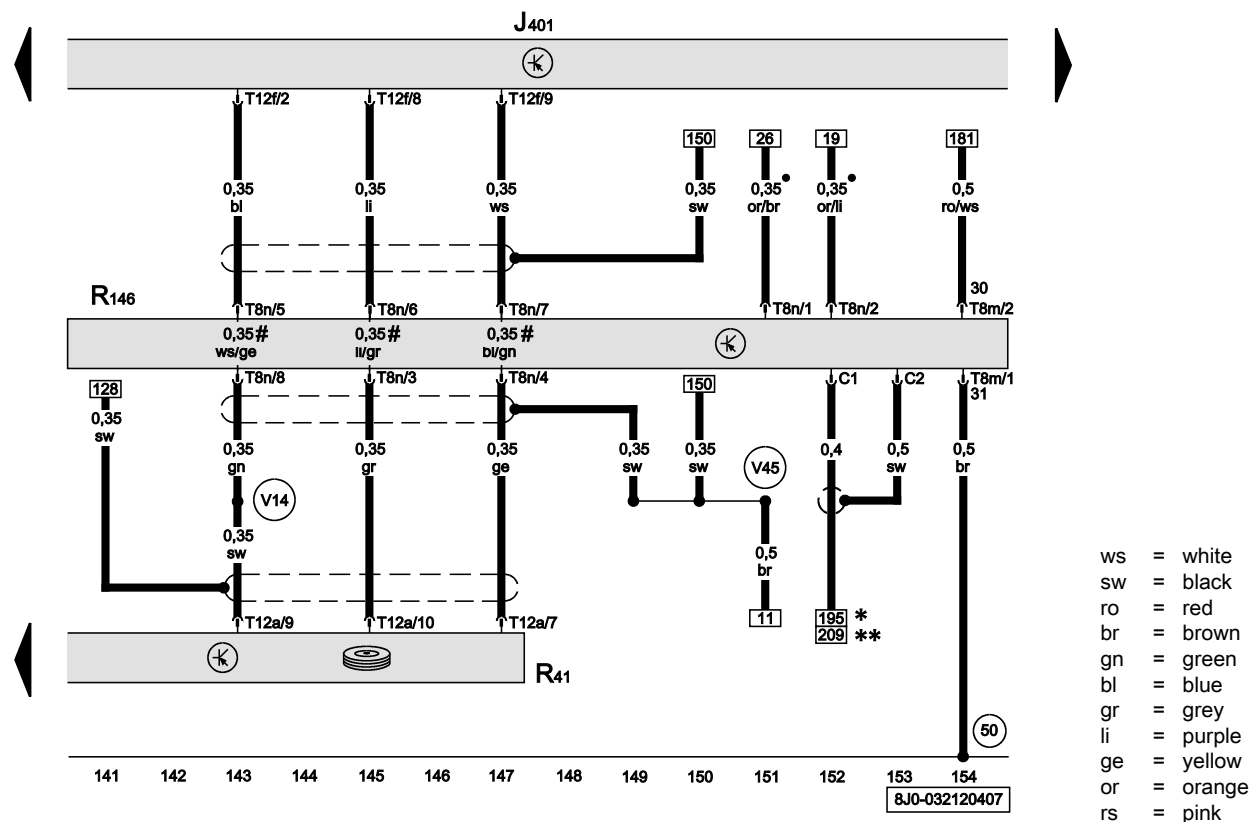


Navigation system with CD drive control unit, CD changer, satellite radio

- J401 Navigation system with CD drive control unit
- R41 CD changer
- R146 Satellite radio
- T8m 8-pin connector, black, pin connector A, on satellite radio
- T8n 8-pin connector, black, pin connector B, on satellite radio
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B

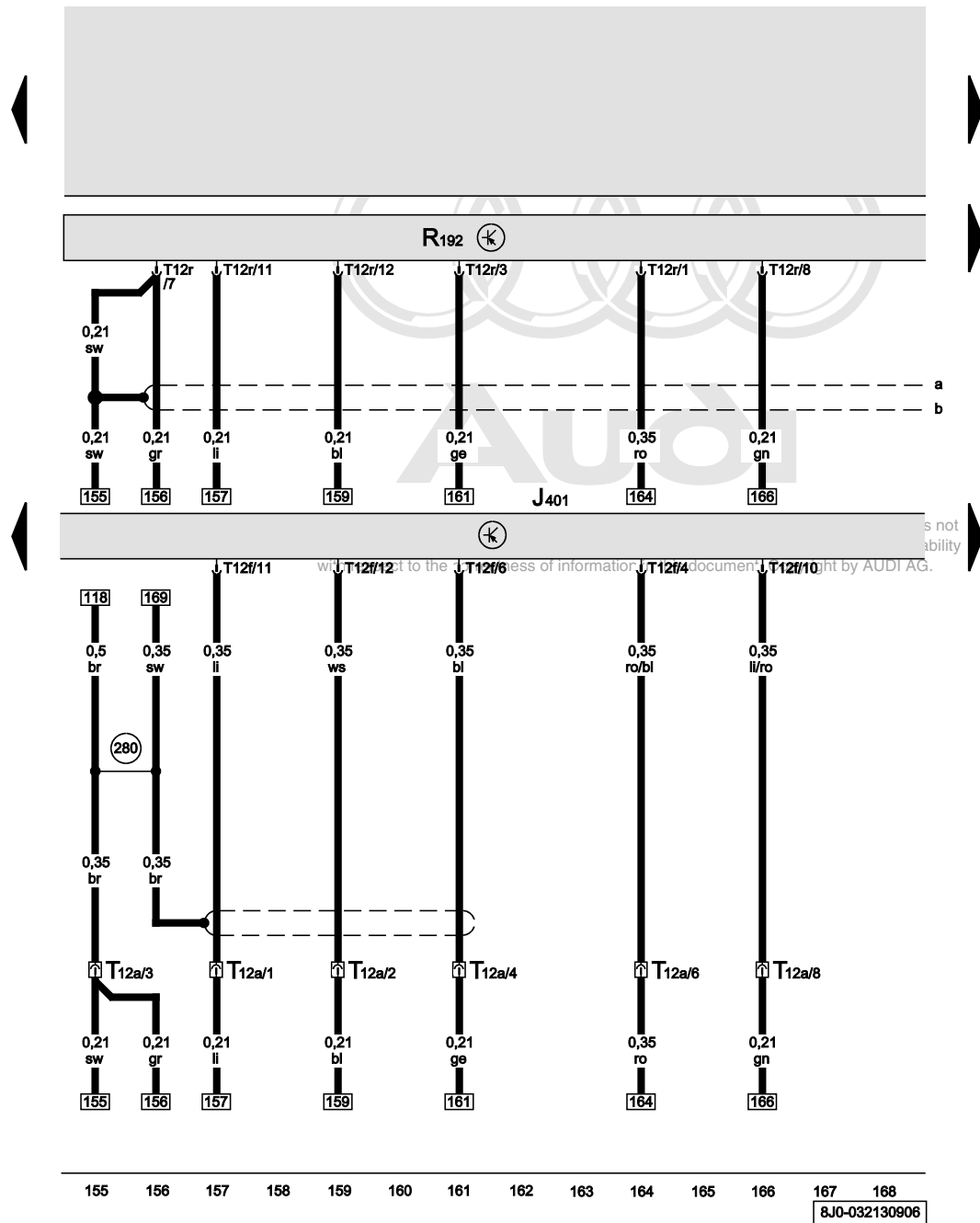
- 50 Earth point, on left in luggage compartment
- V14 Connection (screening), in CD changer wiring harness
- V45 Connection 2 (screening), in CD changer wiring harness
- CAN bus (data wire)
- * Coupé
- ** Roadster
- # vehicles without satellite radio bridged by mating plug

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Navigation system with CD drive control unit, iPod holder

- J401 Navigation system with CD drive control unit
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- (280) Earth connection, in communications wiring harness

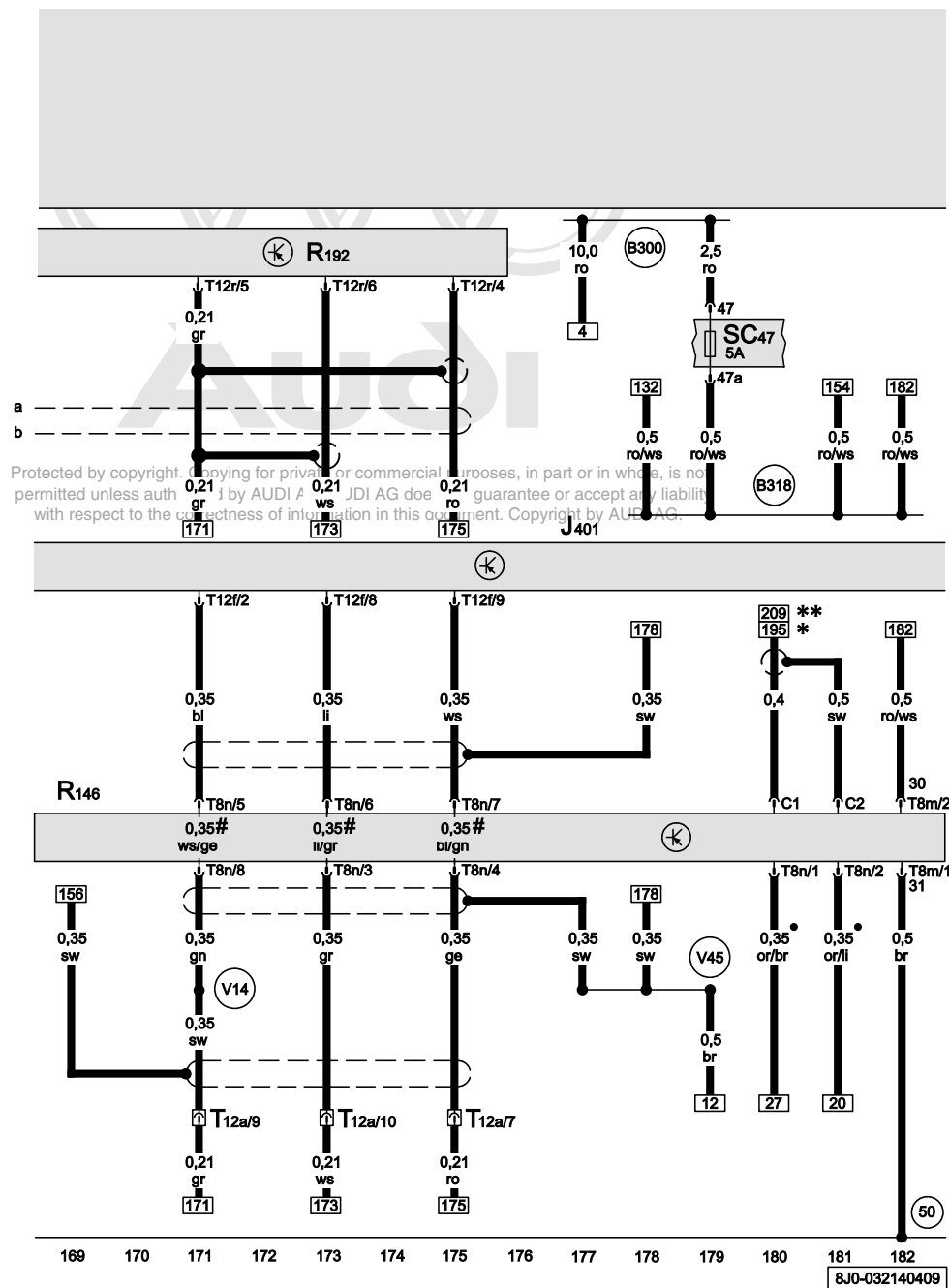


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Navigation system with CD drive control unit, iPod holder, satellite radio

- J401 Navigation system with CD drive control unit
- R146 Satellite radio
- R192 iPod holder
- SC47 Fuse 47 on fuse holder C
- T8m 8-pin connector, black, pin connector A, on satellite radio
- T8n 8-pin connector, black, pin connector B, on satellite radio
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder

- 50 Earth point, on left in luggage compartment
- B300 Positive connection 4 (30), in main wiring harness
- B318 Positive connection 4 (30a), in main wiring harness
- V14 Connection (screening), in CD changer wiring harness
- V45 Connection 2 (screening), in CD changer wiring harness
- CAN bus (data wire)
- * Coupé
- ** Roadster
- # vehicles without satellite radio bridged by mating plug

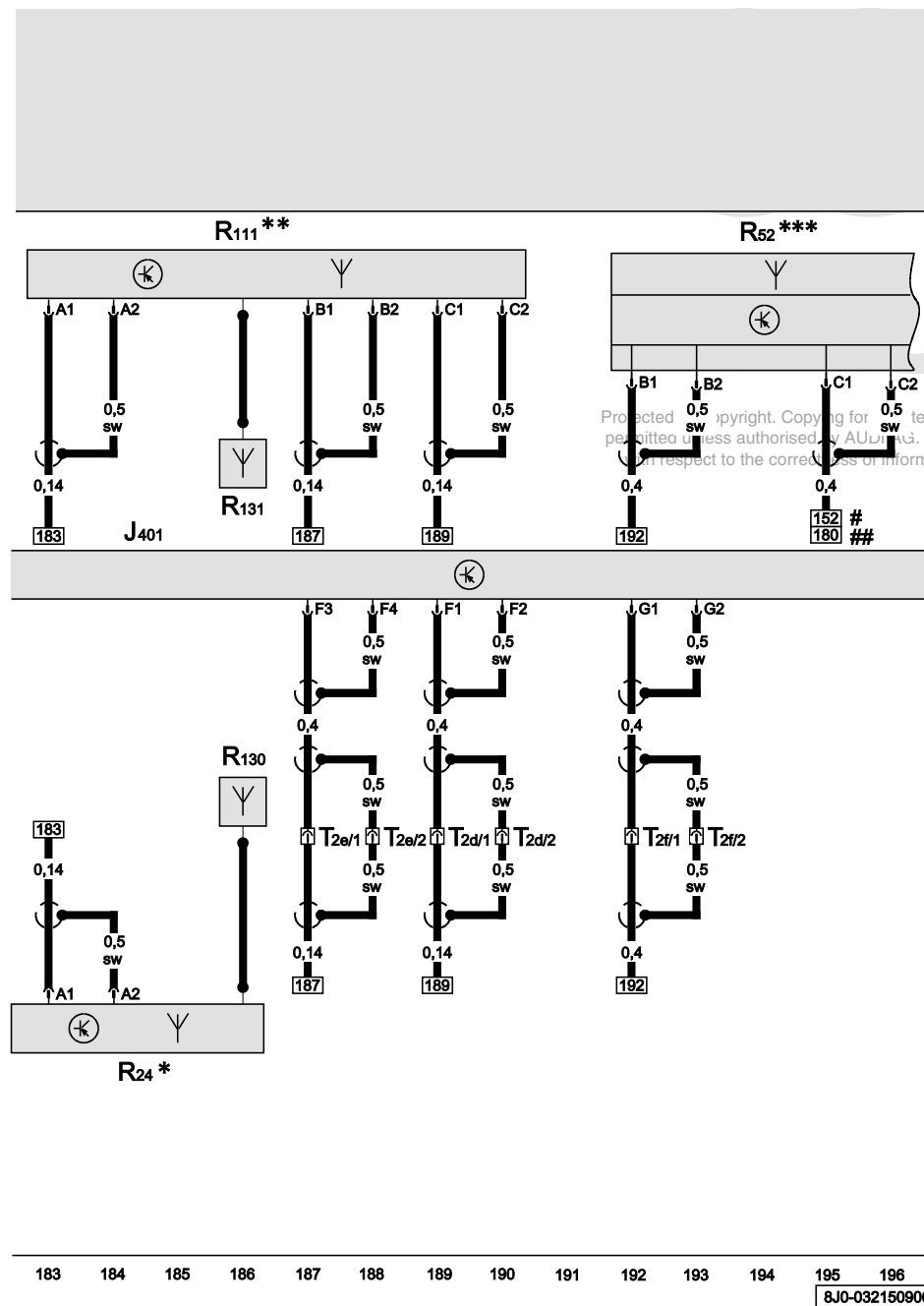


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Coupé, navigation system with CD drive control unit, aerial amplifier, radio, telephone and navigation system aerial

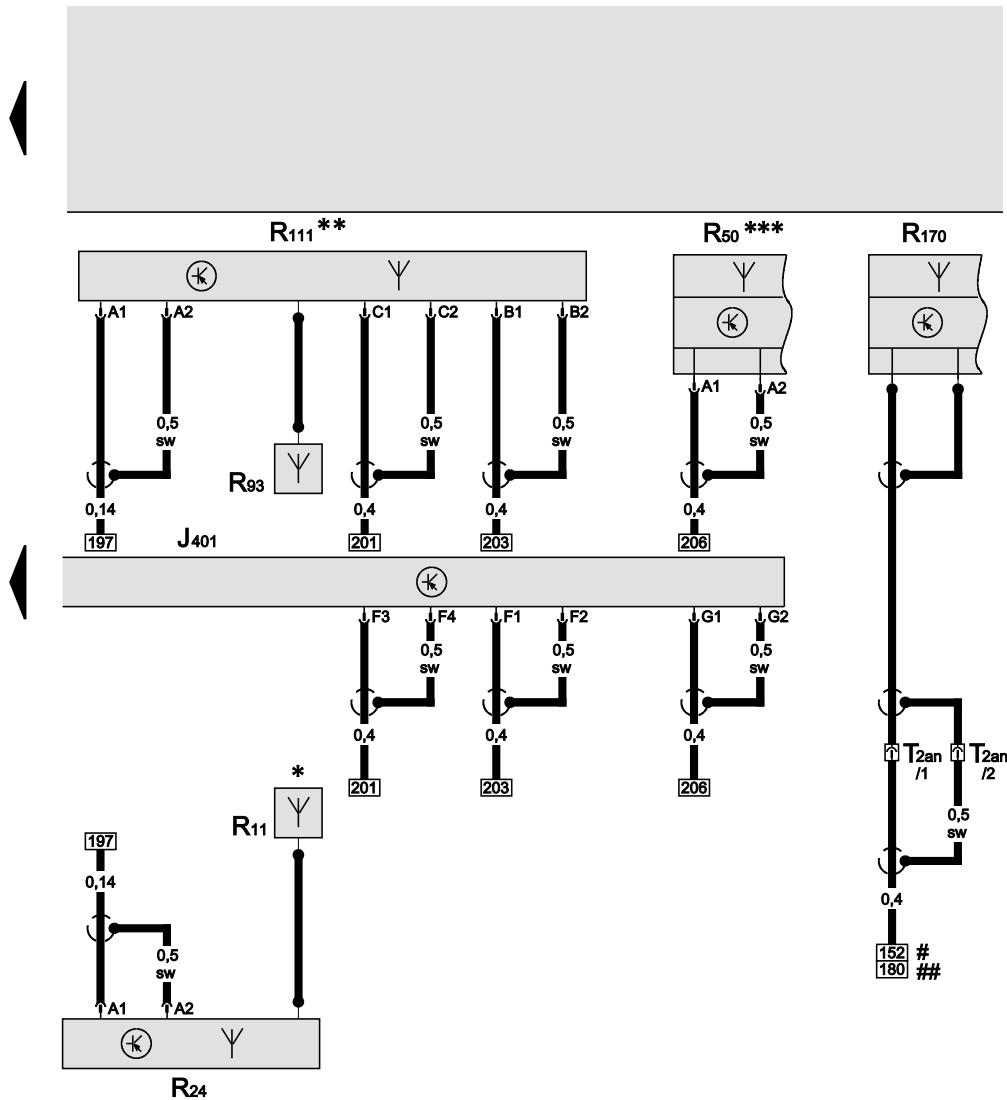
- J401 Navigation system with CD drive control unit
- R24 Aerial amplifier
- R52 Radio, telephone and navigation system aerial
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- T2f 2-pin connector, blue, on rear right roof frame
- * rear window upper right
- ** rear window bottom right
- *** roof aerial
- # models with CD changer
- ## models with iPod holder

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability in respect to the correctness of information in this document. Copyright by AUDI AG.



Roadster, navigation system with CD drive control unit,
aerial amplifier, navigation system aerial, satellite aerial

- J401 Navigation system with CD drive control unit
- R11 Aerial
- R24 Aerial amplifier
- R50 Navigation system aerial
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R170 Satellite aerial
- T2an 2-pin connector, green, left in rear lid
- * rod aerial rear left
- ** rear right
- *** on centre windscreen
- # models with CD changer
- ## models with iPod holder



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio with BOSE soundsystem (8RY) Roadster

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

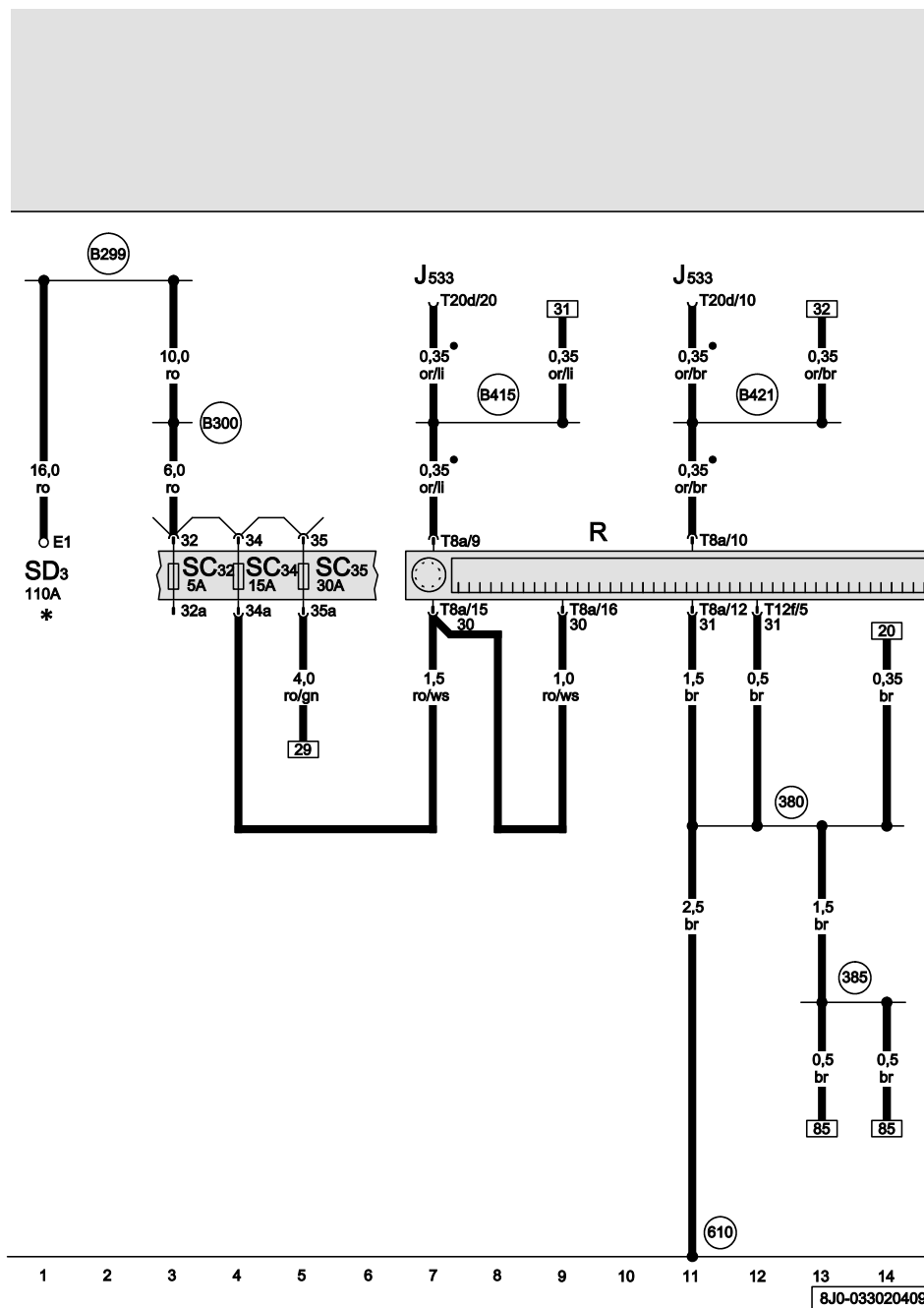
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface

- 380 Earth connection 15, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

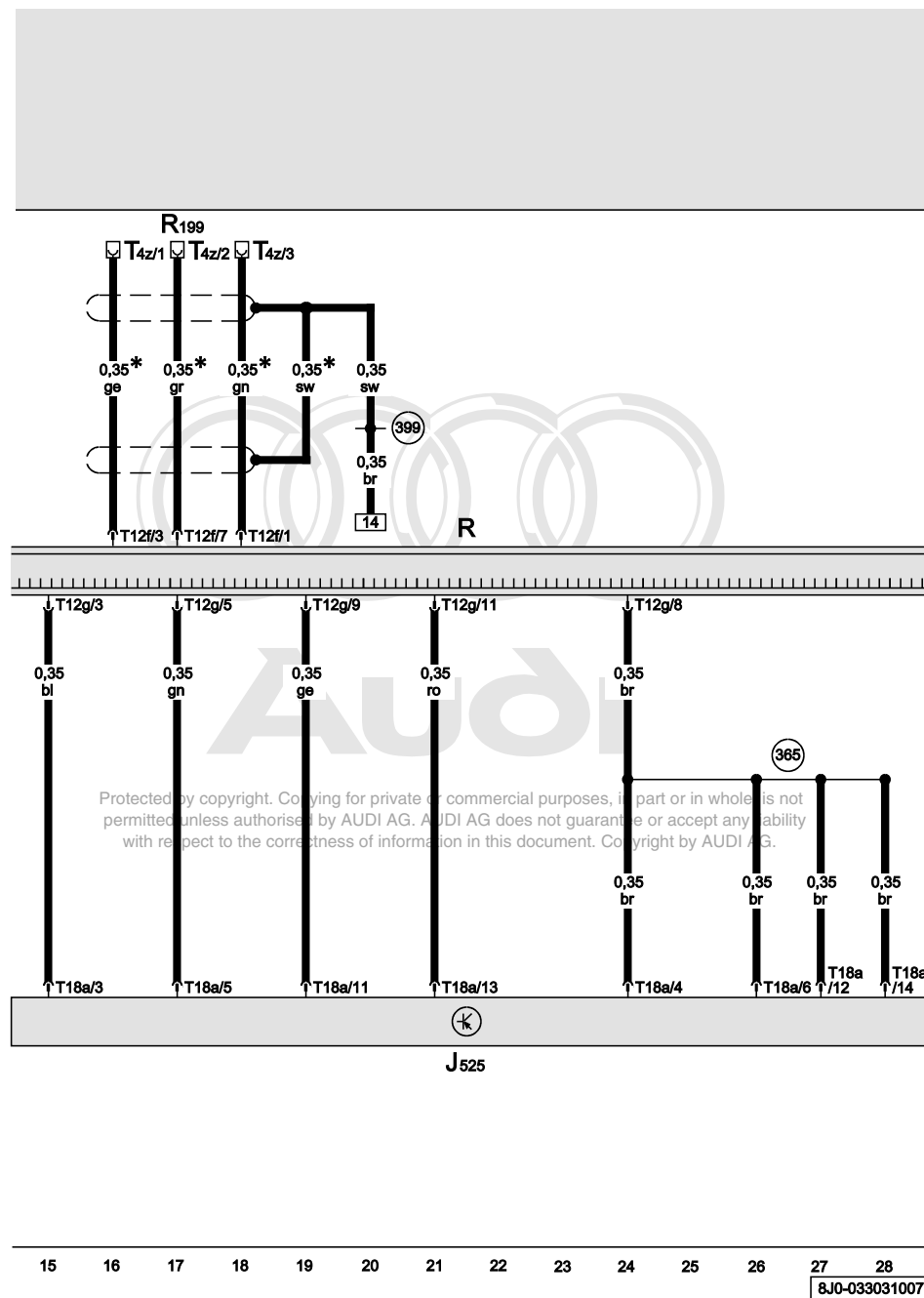
Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
- R Radio
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T18a 18-pin connector, black, connector B, on digital sound package control unit

365 Earth connection 2 (LF), in dash panel wiring harness

399 Earth connection 34, in main wiring harness

* from November 2007



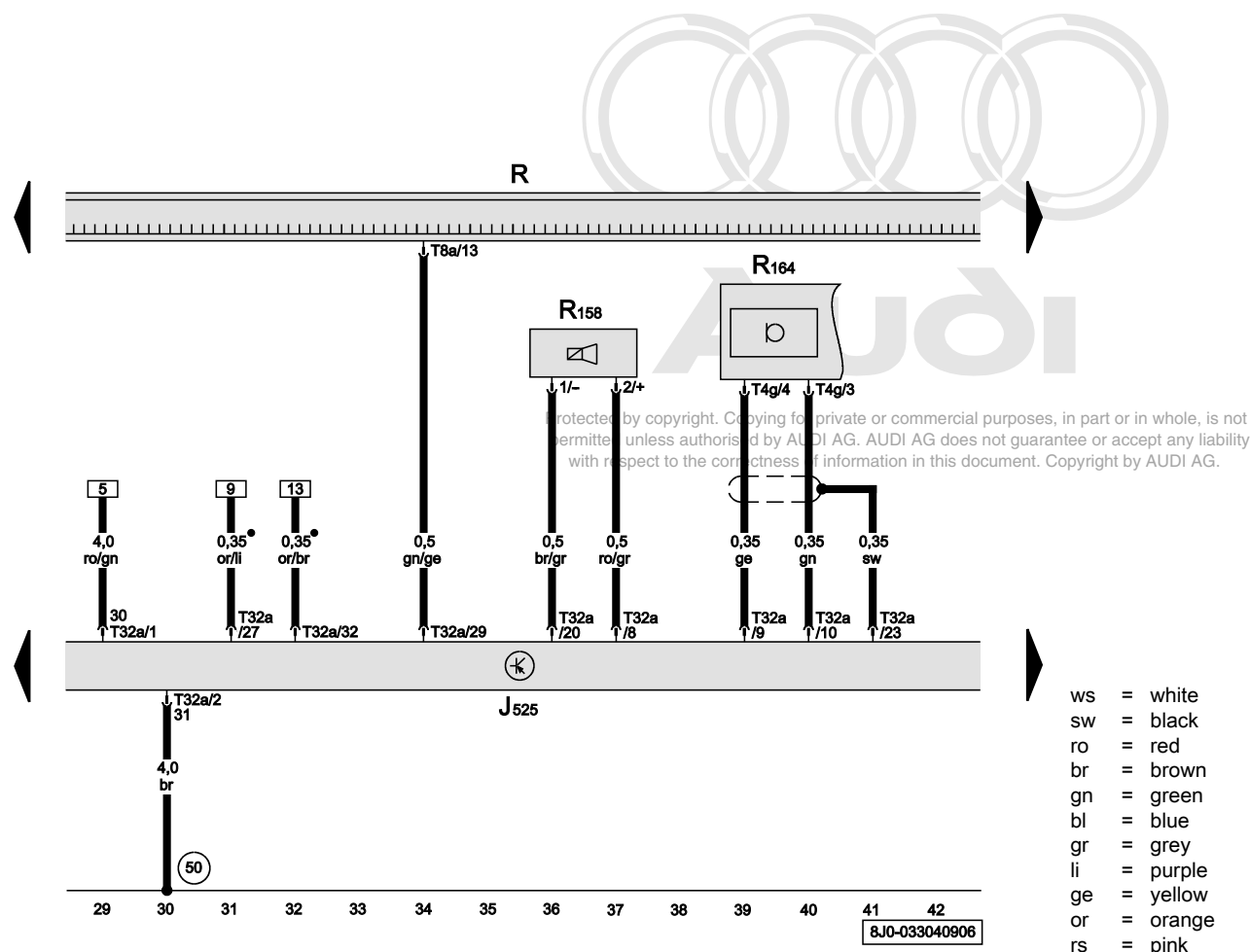
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, digital sound package control unit, centre mid-range and treble loudspeaker, microphone unit in front roof module

- J525 Digital sound package control unit
- R Radio
- R158 Centre mid-range and treble loudspeaker
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T8a 8-pin connector, black, radio pin connector D
- T32a 32-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

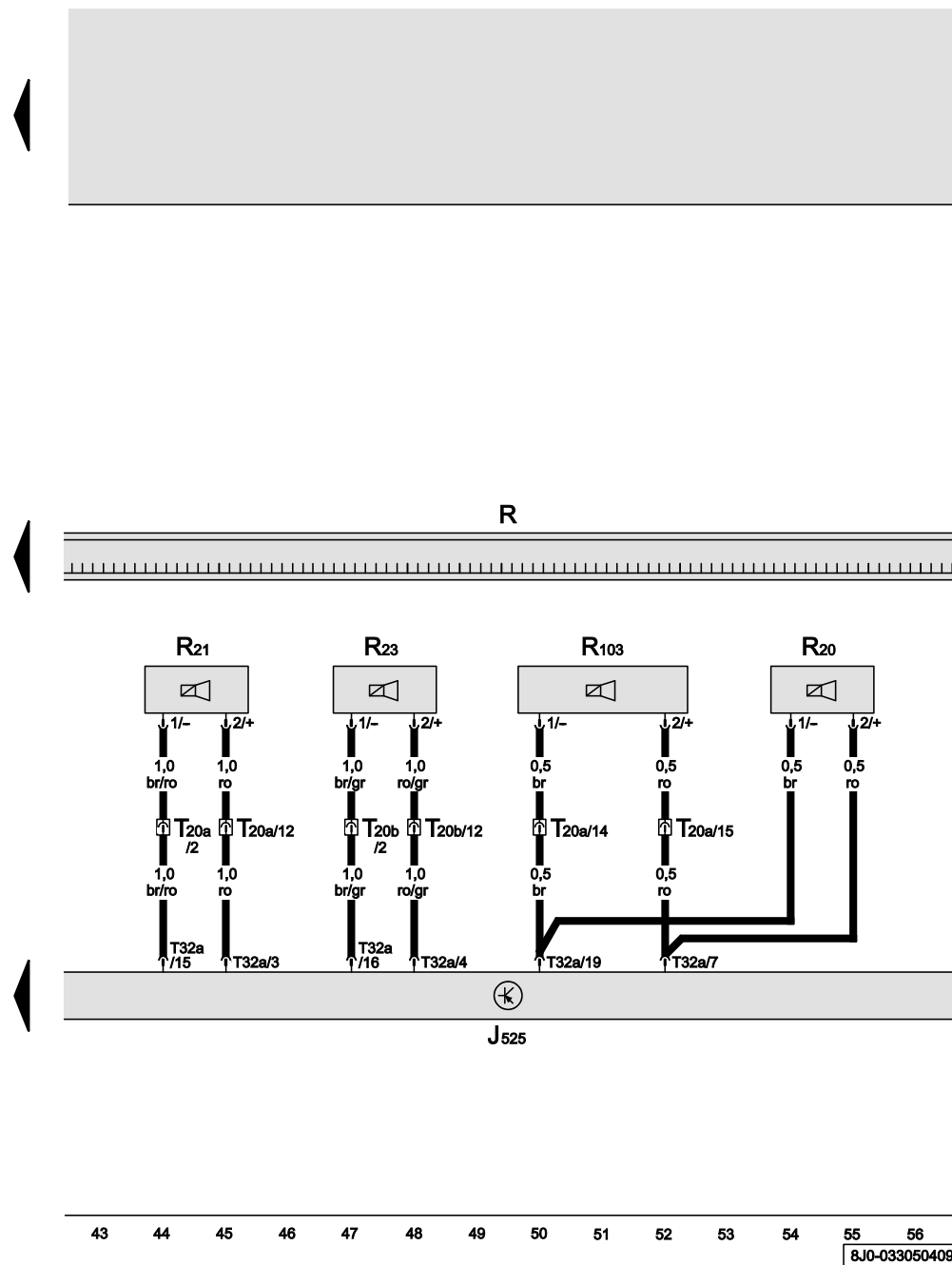
- CAN bus (data wire)



Radio, digital sound package control unit, front left treble loudspeaker, front left and right bass loudspeaker, front left mid-range loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- R103 Front left mid-range loudspeaker
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



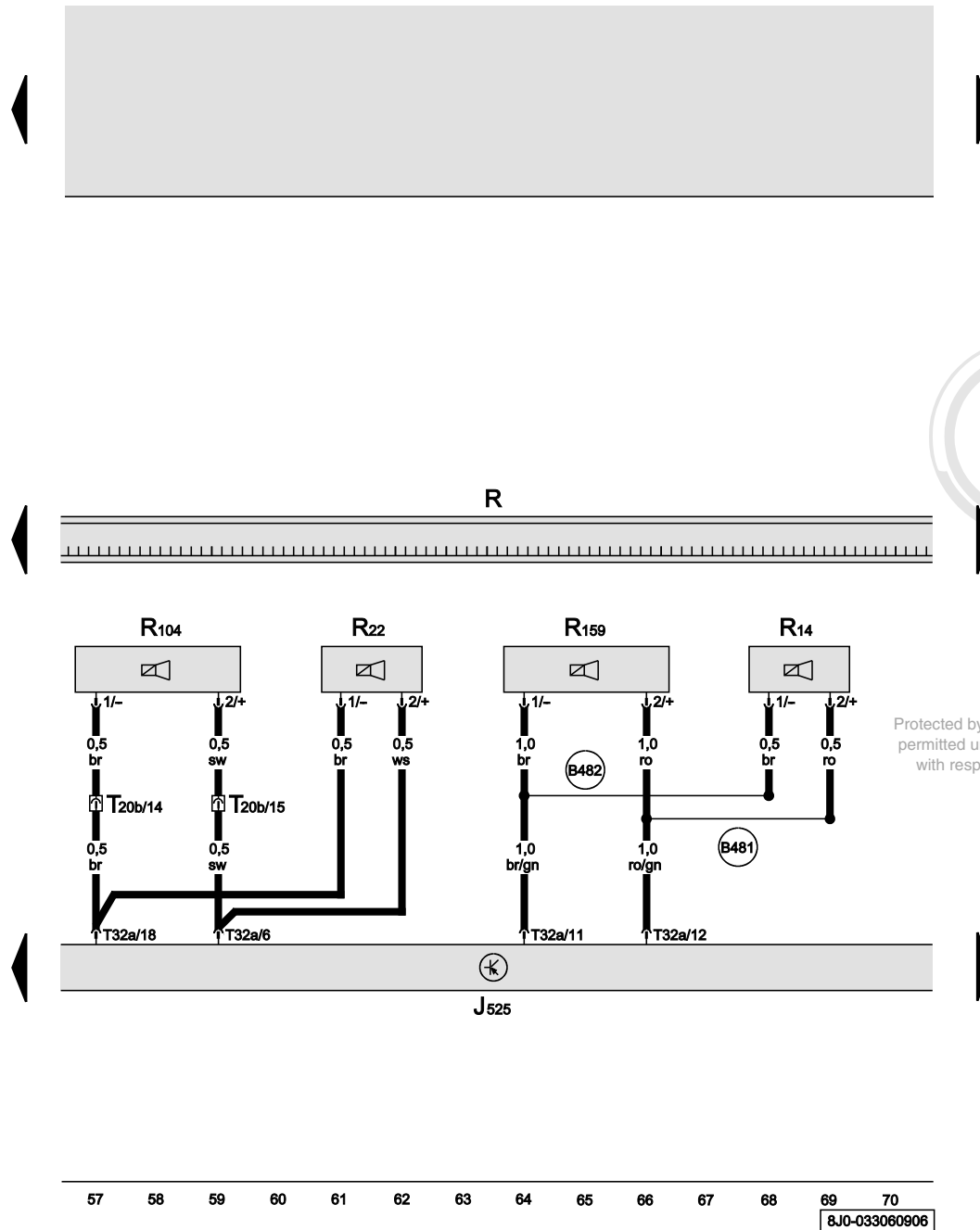
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right mid-range loudspeaker, rear left mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R104 Front right mid-range loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

B481 Connection 17 in main wiring harness

B482 Connection 18 in main wiring harness



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

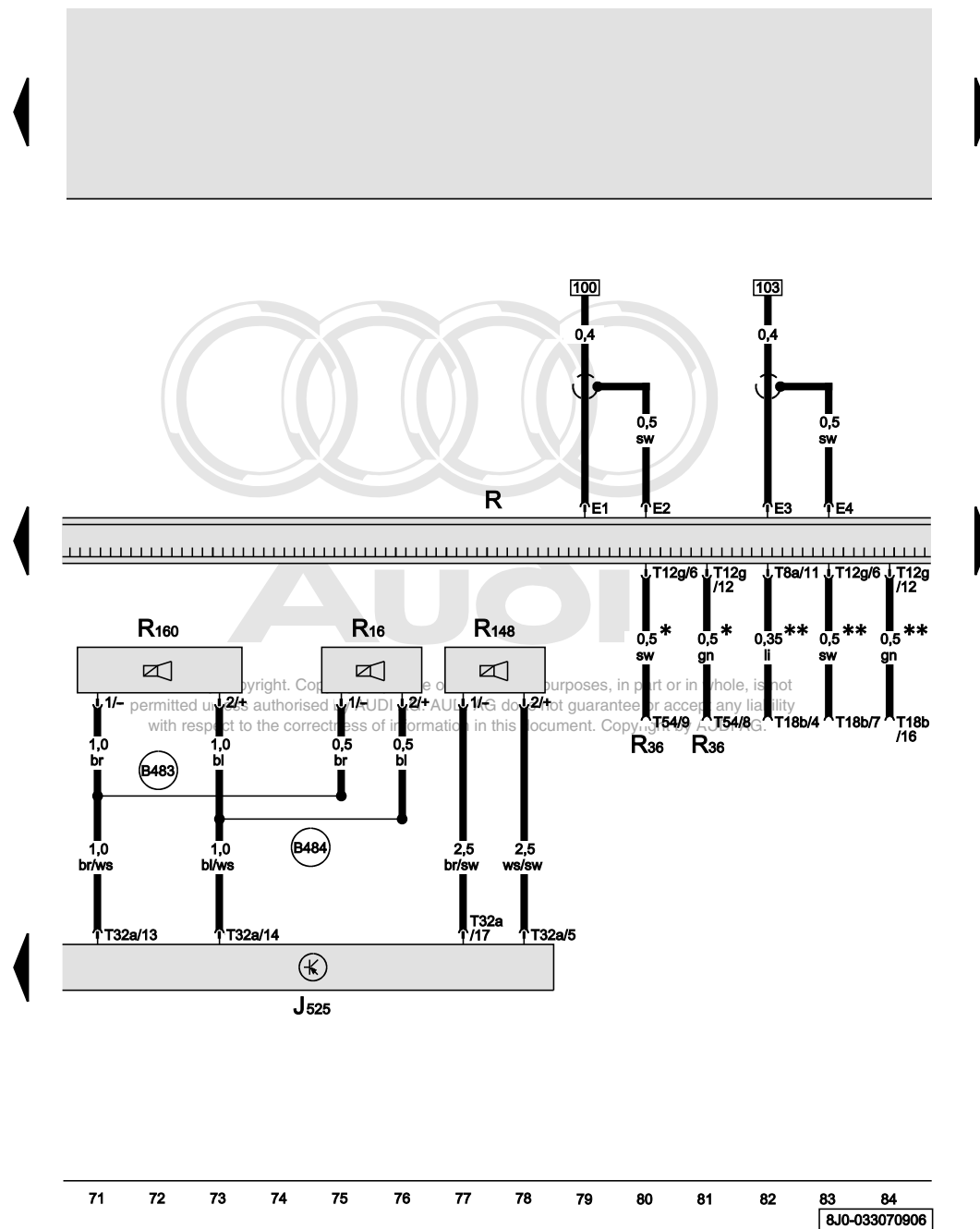
Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker, middle loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R148 Middle loudspeaker
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T32a 32-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

B483 Connection 19 in main wiring harness

B484 Connection 20 in main wiring harness

- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)

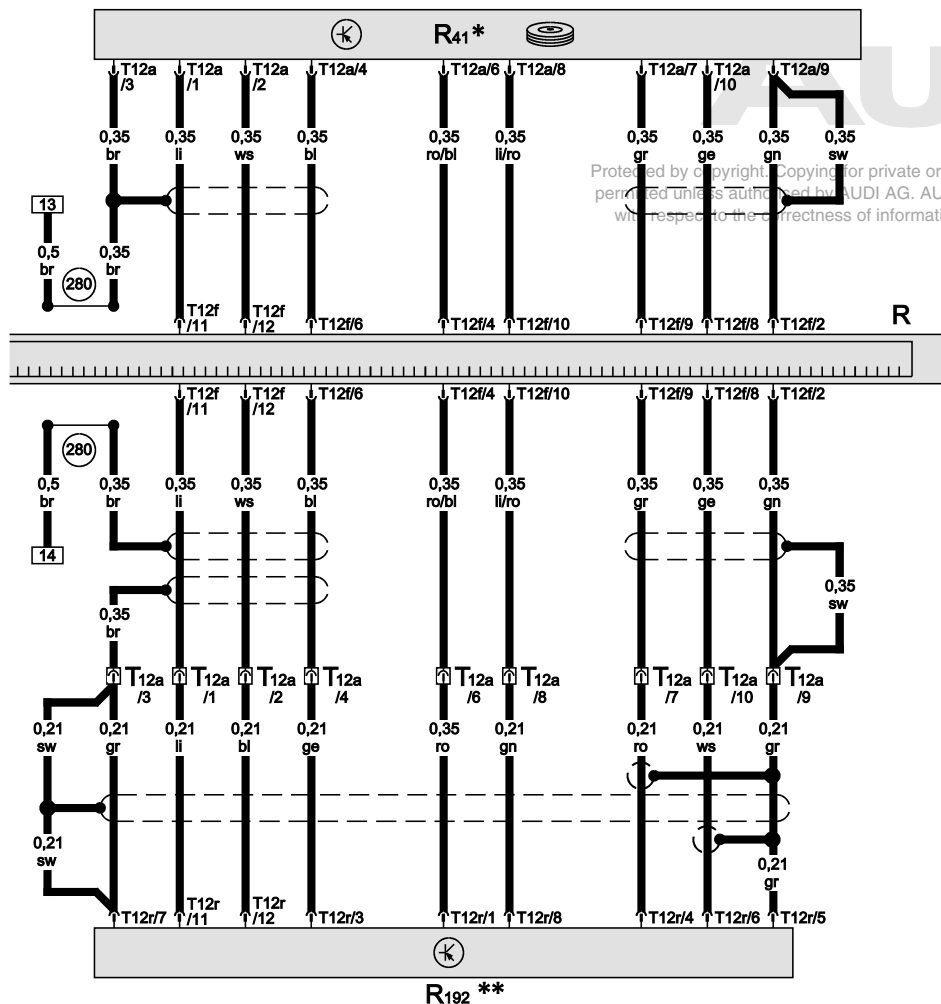


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, CD changer, iPod holder

- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness

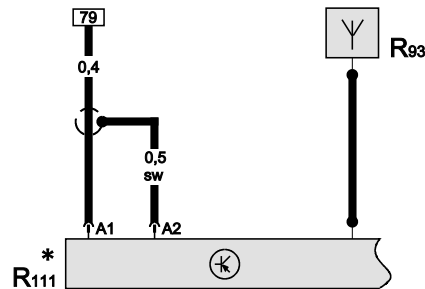
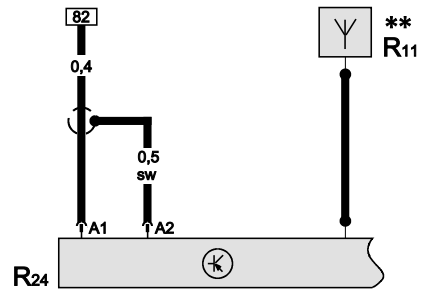
- * models with CD changer
- ** models with iPod holder



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

Aerial amplifier, radio aerial 2

- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * rear right
- ** rod aerial rear left



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio with standard soundsystem (9VD) Roadster

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

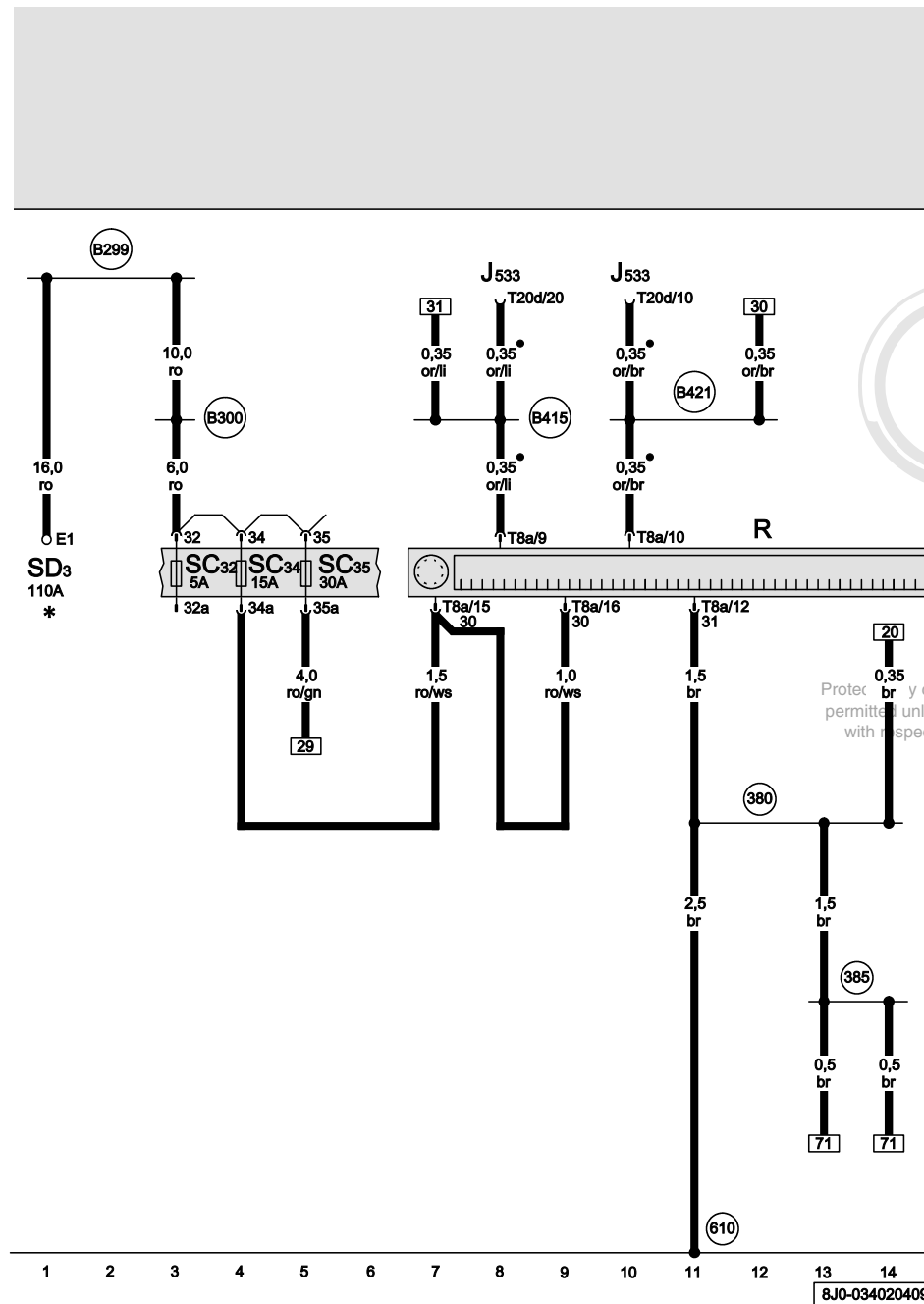


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface

- 380 Earth connection 15, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery



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

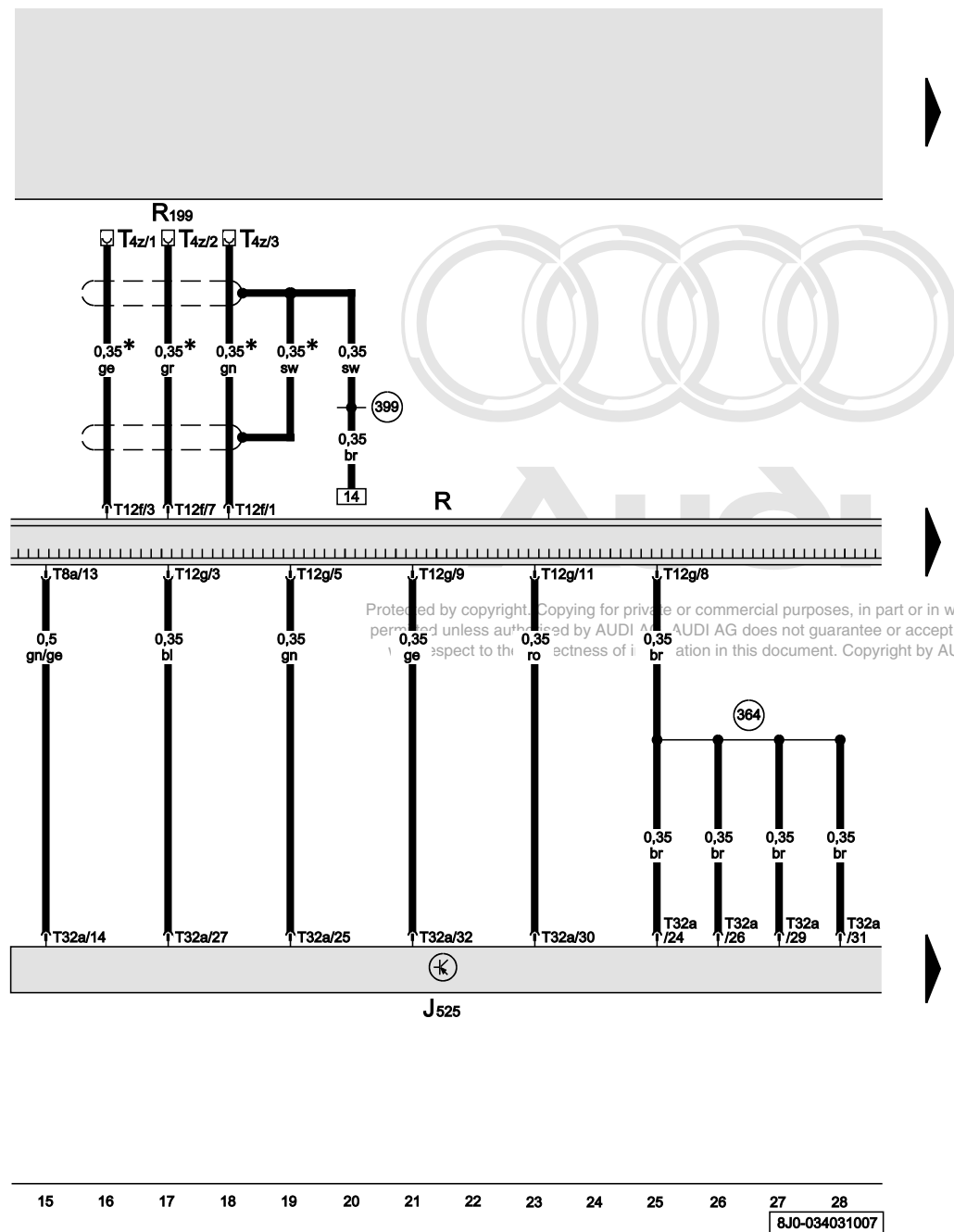
Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
- R Radio
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T32a 32-pin connector, black, on digital sound package control unit

364 Earth connection 1 (LF), in dash panel wiring harness

399 Earth connection 34, in main wiring harness

* from November 2007



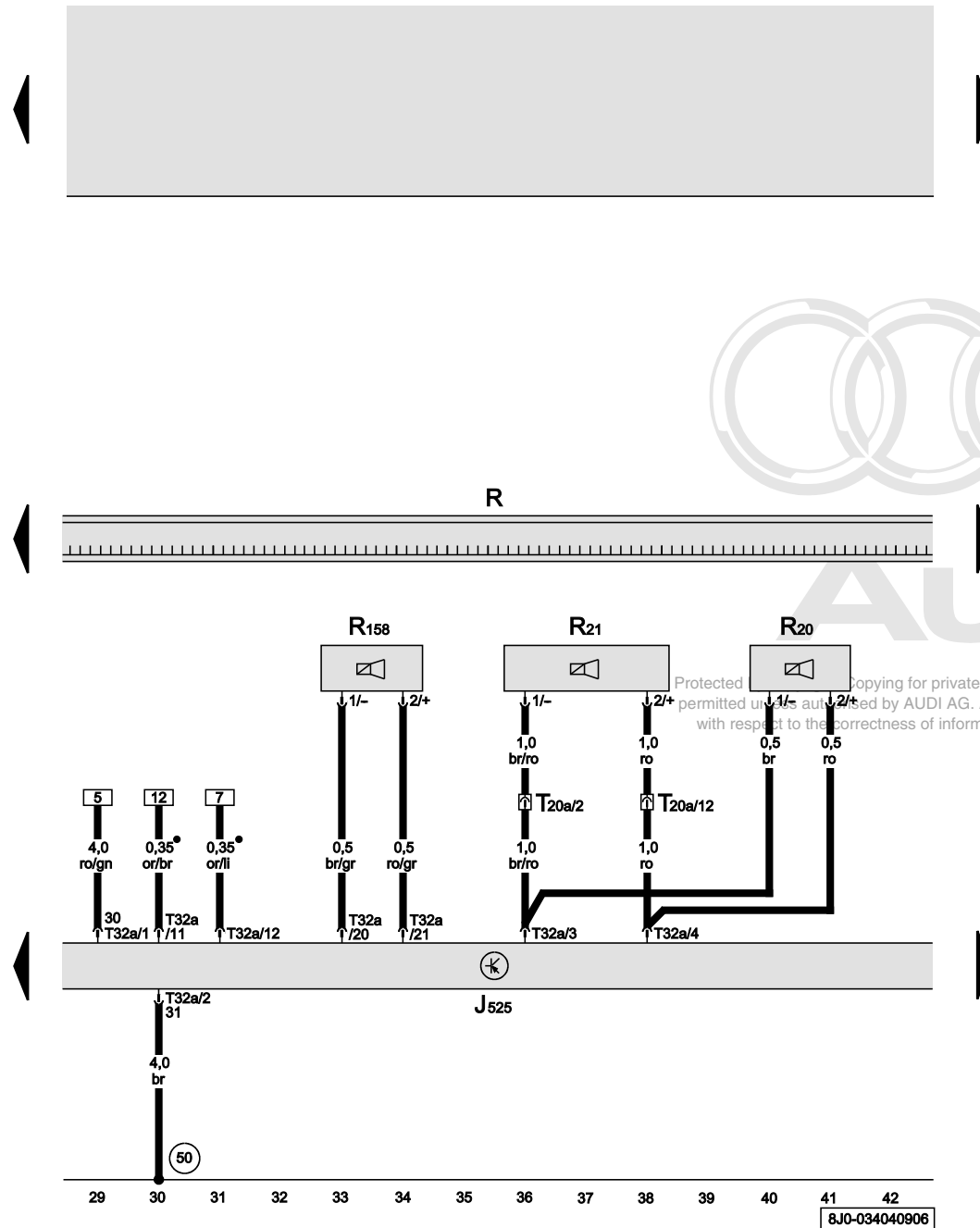
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T32a 32-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

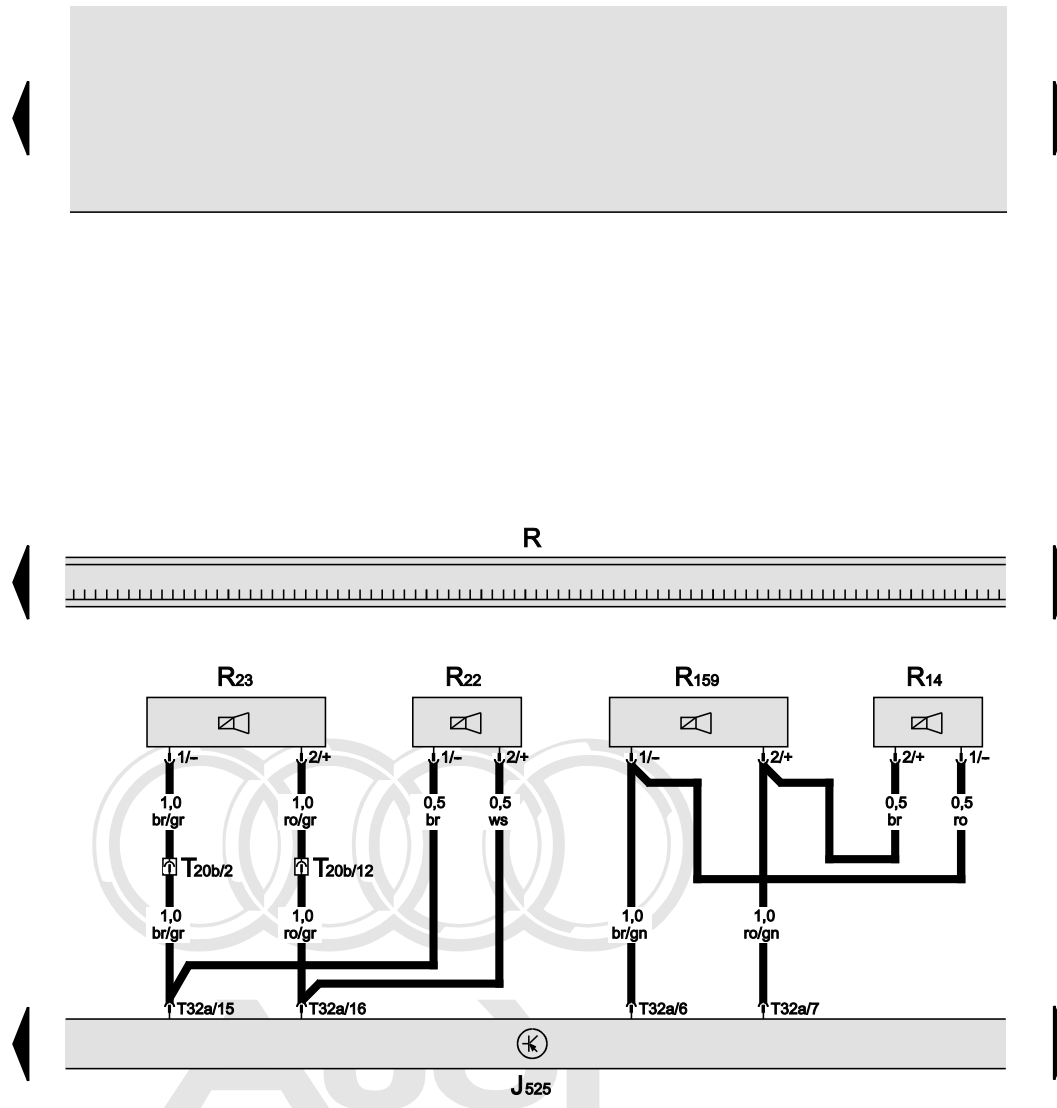
- CAN bus (data wire)



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

Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right bass loudspeaker, rear left mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit

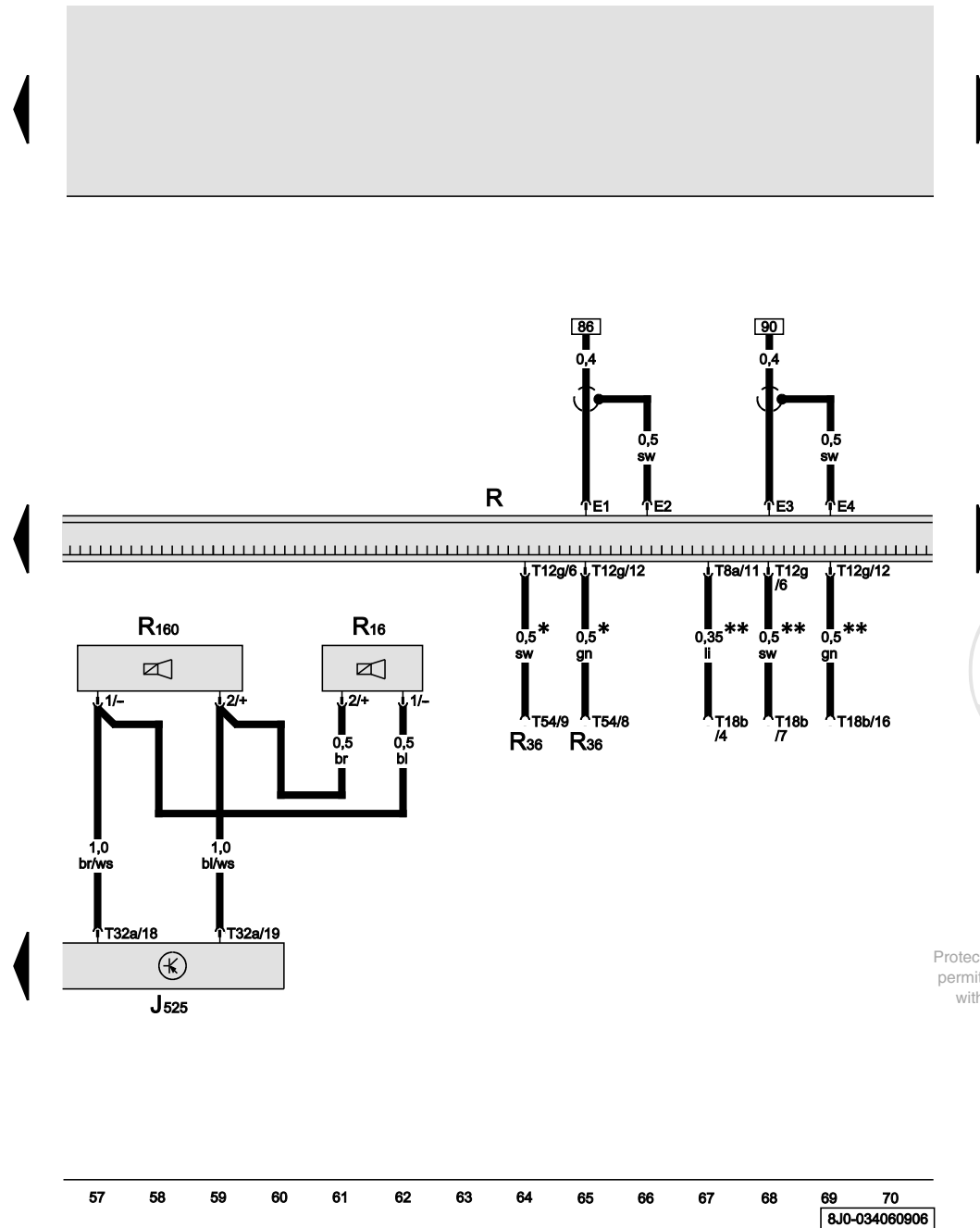


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T32a 32-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)



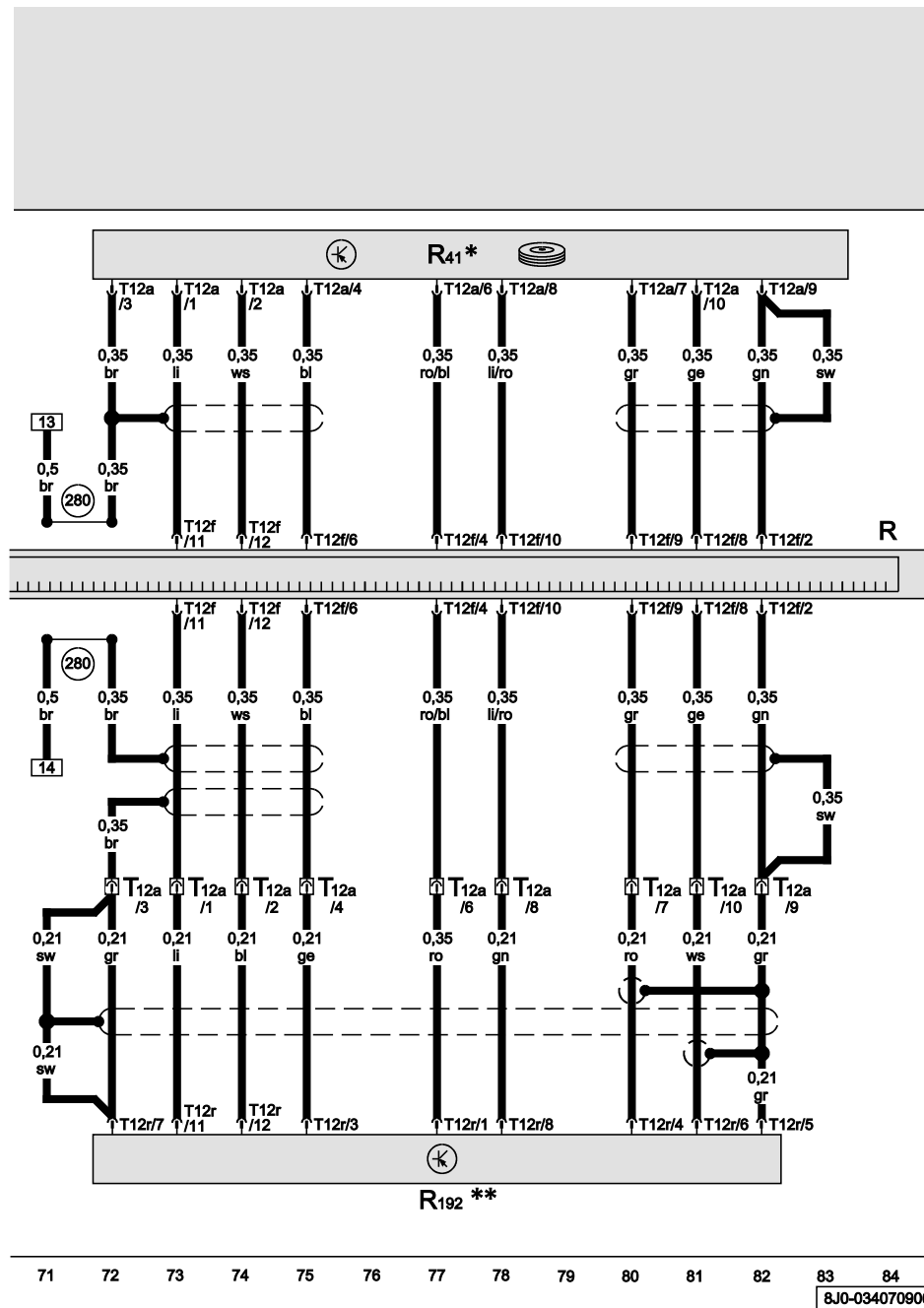
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Radio, CD changer, iPod holder

- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness
- * models with CD changer
- ** models with iPod holder

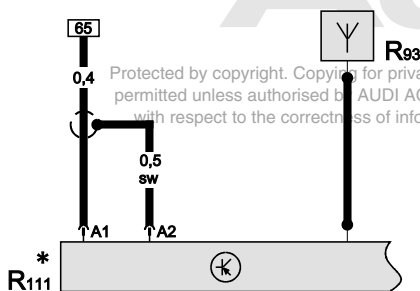
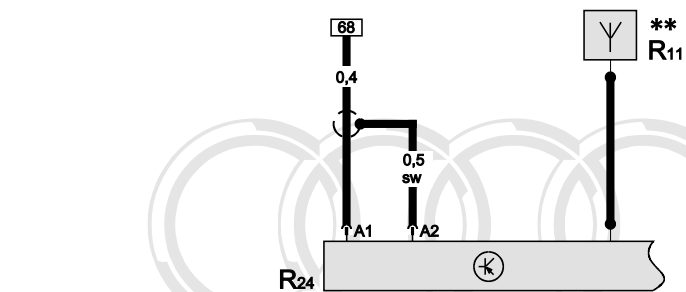
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Aerial amplifier, radio aerial 2

- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * rear right
- ** rod aerial rear left



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Power operated convertible top

- ⇒ Electric windbreak
 - ⇒ Heated rear window
- from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

- ⇒ List of Fitting Locations!

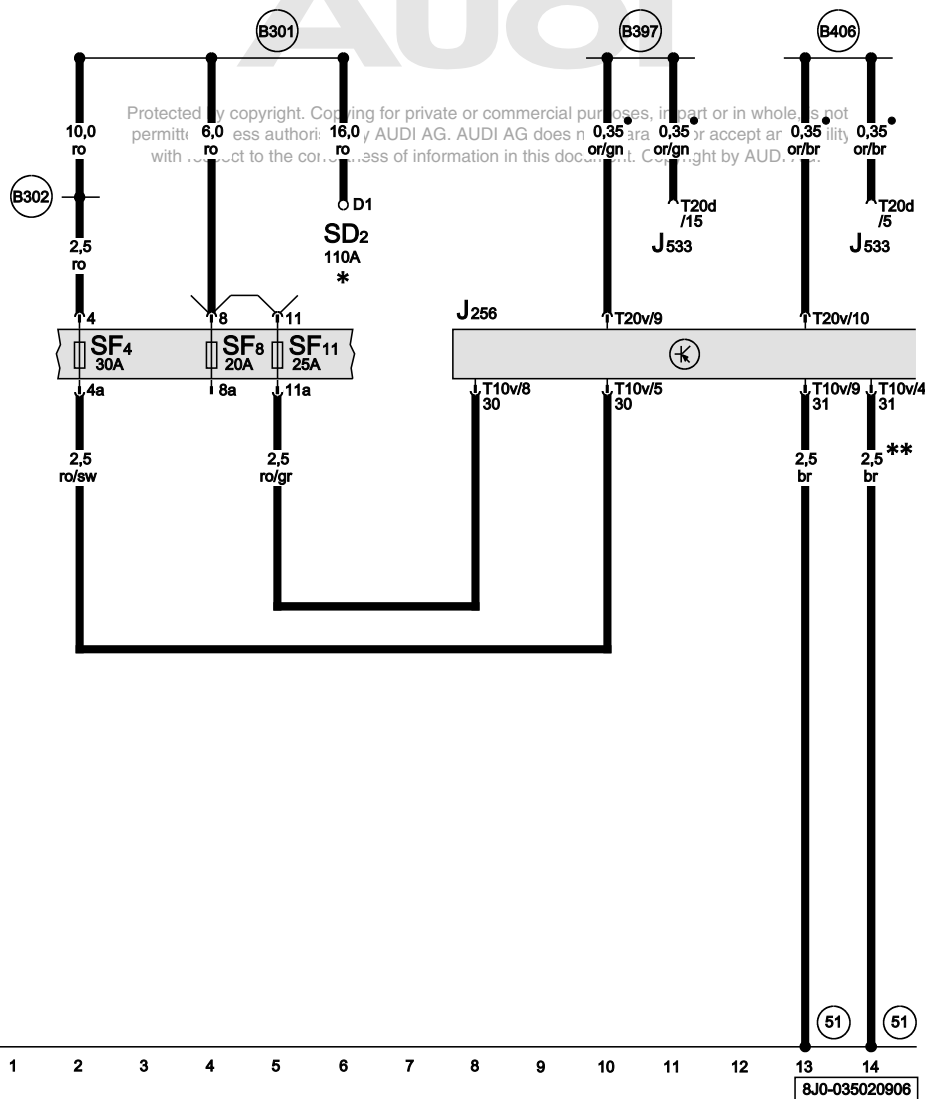
For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Convertible roof actuation control unit, fuses

- J256 Convertible roof actuation control unit
- J533 Data bus diagnostic interface
- SD2 Fuse 2 on fuse holder D
- SF4 Fuse 4 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF11 Fuse 11 on fuse holder F
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit

- 51 Earth point, on right in luggage compartment
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery
- ** manual convertible roof actuation

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

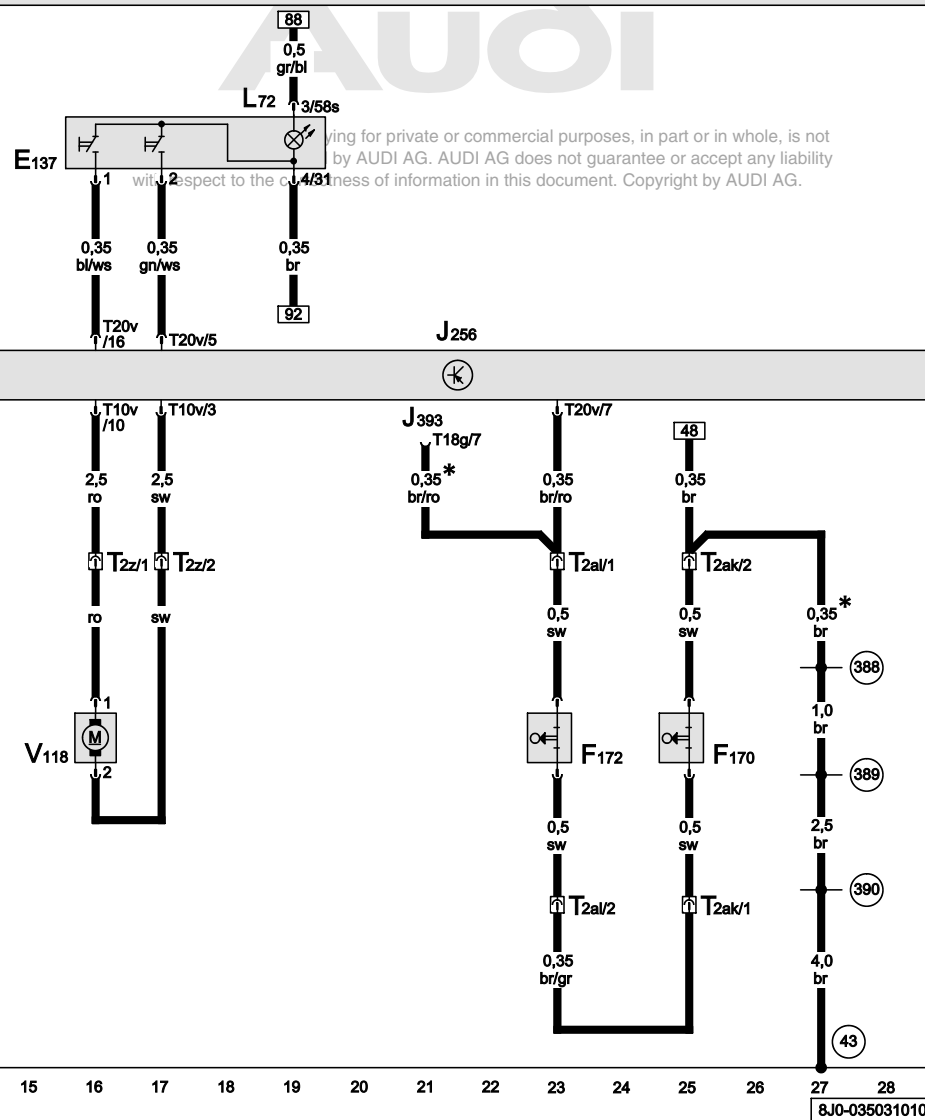
Convertible roof actuation control unit, right and front latch switch for convertible roof, convertible roof actuation button, convertible roof actuation switch illumination bulb, convertible roof actuation hydraulic pump

- E137 Convertible roof actuation switch
- F170 Right latch switch for convertible roof
- F172 Front latch switch for convertible roof
- J256 Convertible roof actuation control unit
- J393 Convenience system central control unit
- L72 Convertible roof actuation switch illumination bulb
- T2z 2-pin connector, black, in rear left side panel
- T2ak 2-pin connector, black, right A-pillar
- T2al 2-pin connector, black, left A-pillar
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- V118 Convertible roof actuation hydraulic pump

- 43 Earth point, lower part of right A-pillar
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness

* manual convertible roof actuation

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

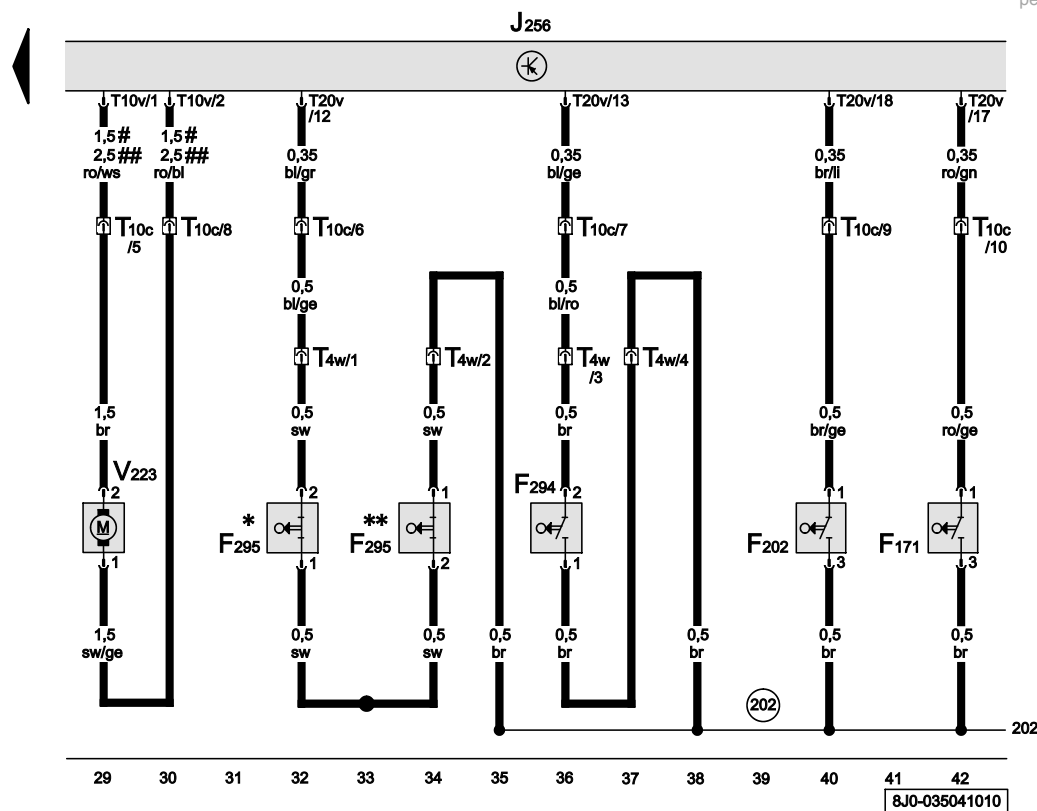


Convertible roof actuation control unit, convertible roof stowed switch, convertible roof front switch, open convertible roof latch closed switch, convertible roof latch closed switch, convertible roof lock motor

- F171 Convertible roof stowed switch
- F172 Front latch switch for convertible roof
- F202 Convertible roof front switch
- F294 Convertible roof latch open switch
- F295 Convertible roof latch closed switch
- J256 Convertible roof actuation control unit
- T4w 4-pin connector, black, near left locking motor
- T10c 10-pin connector, black, rear left side panel
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- V223 Convertible roof lock motor

- 202 Earth connection, in convertible roof wiring harness
- * left
- ** right
- # up to May 2007
- ## from June 2007

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

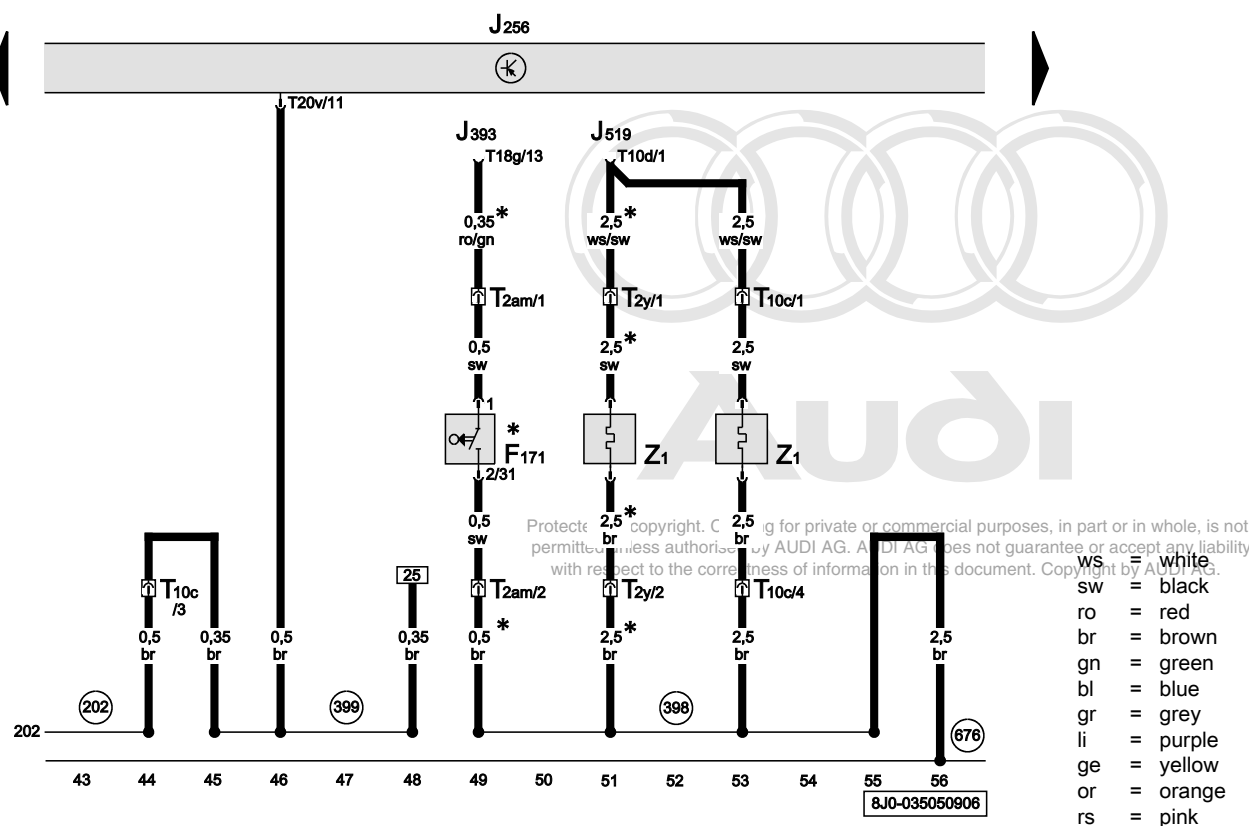


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Convertible roof actuation control unit, convertible roof stowed switch, heated rear window

- F171 Convertible roof stowed switch
- J256 Convertible roof actuation control unit
- J393 Convenience system central control unit
- J519 Onboard supply control unit
- T2y 2-pin connector, left side panel
- T2am 2-pin connector, black, rear left side panel
- T10c 10-pin connector, black, rear left side panel
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- T18g 18-pin connector, brown, connector A, on convenience system central control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- Z1 Heated rear window

- 202 Earth connection, in convertible roof wiring harness
- 398 Earth connection 33, in main wiring harness
- 399 Earth connection 34, in main wiring harness
- 676 Earth point 2, on left in luggage compartment
- * manual convertible roof actuation



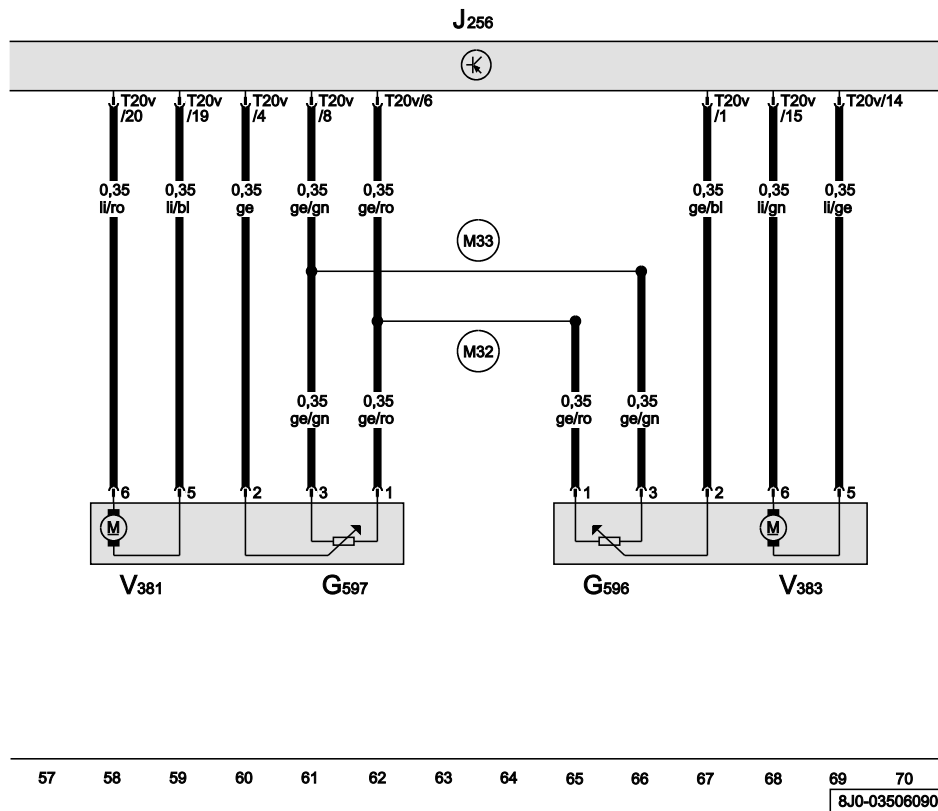
Convertible roof actuation control unit, left and right sender for convertible top flap, right and left convertible top cover motor

- G596 Left sender for convertible top flap
- G597 Right sender for convertible top flap
- J256 Convertible roof actuation control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- V381 Right convertible top cover motor
- V383 Left convertible top cover motor

M32 Connection 1, in roof actuation wiring harness

M33 Connection 2, in roof actuation wiring harness

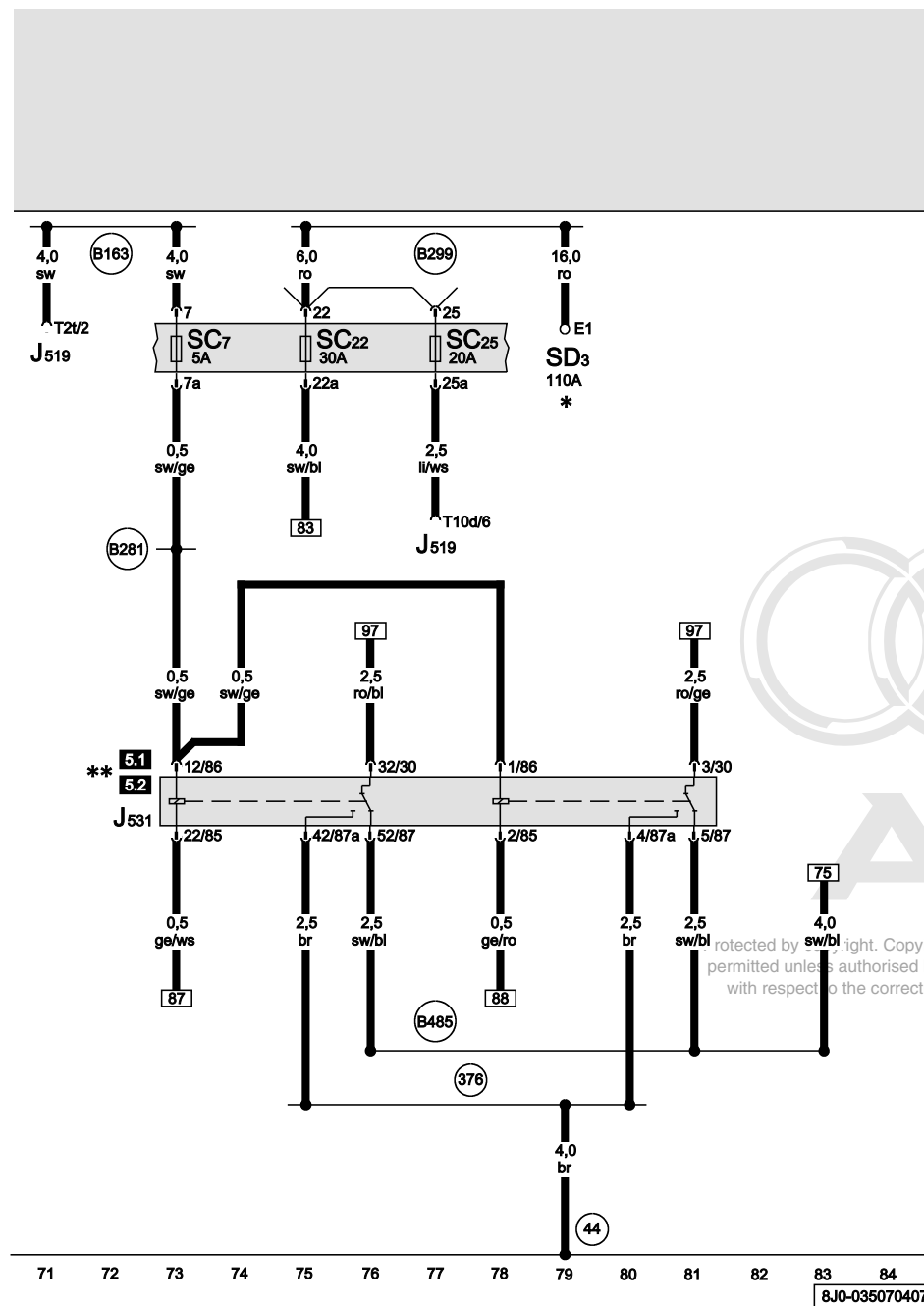
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



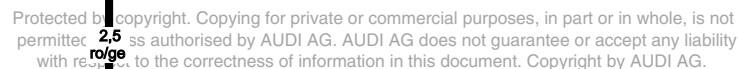
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Electric windbreak

- J519 Onboard supply control unit
- J531 Cabrio windbreak control unit
- SC7 Fuse 7 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- 44 Earth point, lower part of left A-pillar
- 376 Earth connection 11, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B485 Connection 21 in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Windbreak relay, relay carrier under left dash panel



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



E278	Cabrio windbreak switch
J519	Onboard supply control unit
L156	Switch illumination bulb
T12c	12-pin connector, black, connector B, on onboard power supply control unit
V186	Cabrio windbreak motor

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness

Edition 10.2010

Electric tyre pressure monitor USA (7K8)

from model year 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

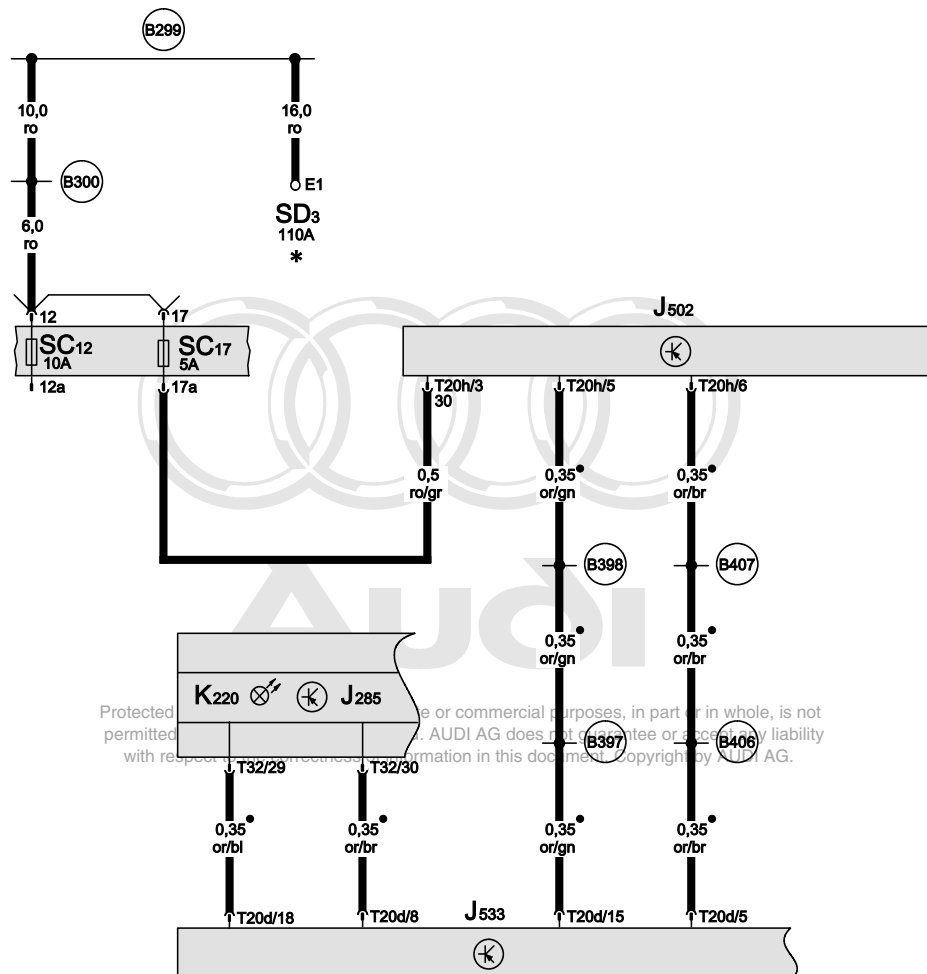
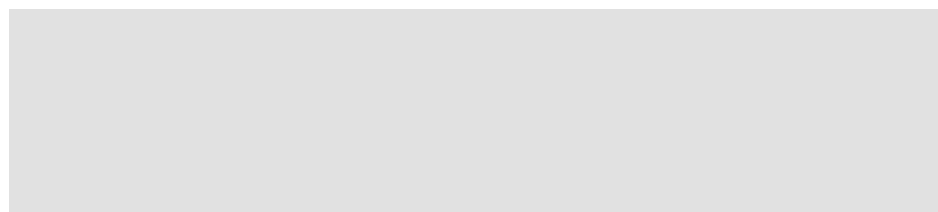
⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

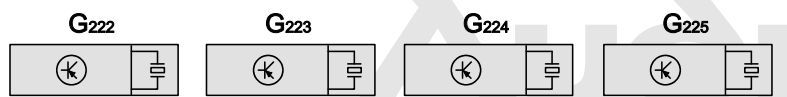
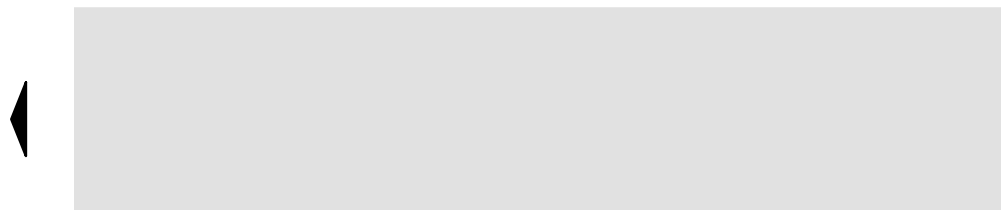
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



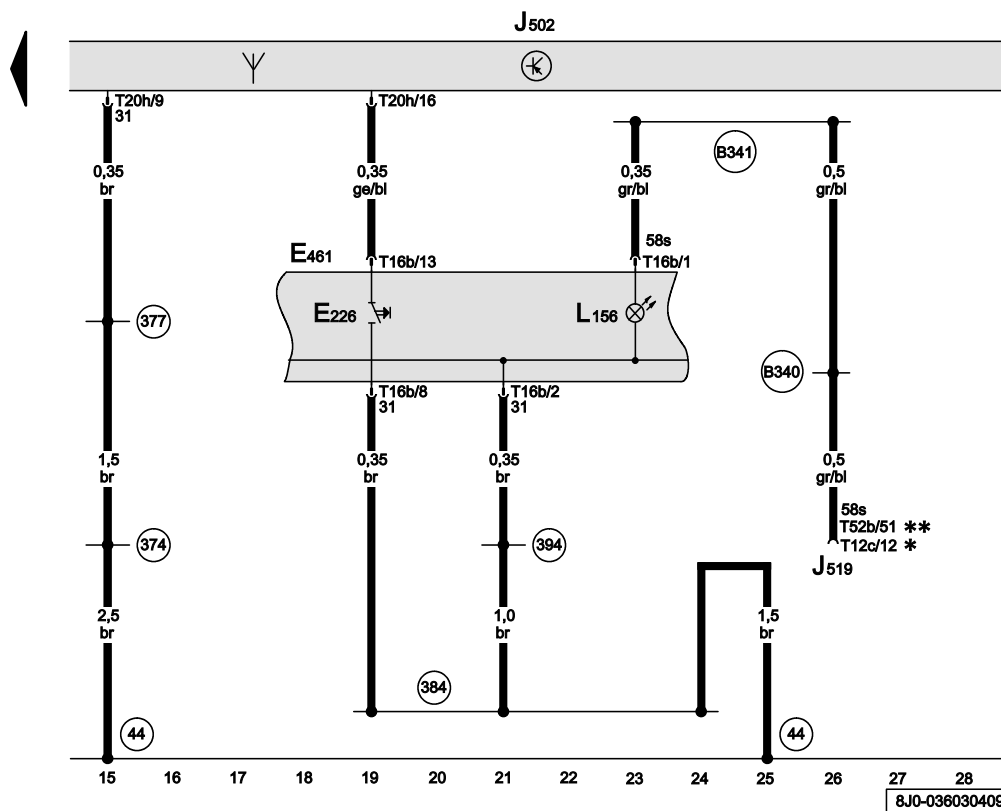
Tyre pressure monitor control unit, tyre pressure monitor warning lamp, fuses

- J285 Control unit in dash panel insert
- J502 Tyre pressure monitor control unit
- J533 Data bus diagnostic interface
- K220 Tyre pressure monitor warning lamp
- SC12 Fuse 12 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20h 20-pin connector, red, on tyre pressure monitor control unit 2
- T32 32-pin connector, blue, on control unit in dash panel insert
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

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



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Tyre pressure monitor control unit, tyre pressure monitor button, front left and right tyre pressure sensor, rear left and right tyre pressure sensor

- E226 Tyre pressure monitor button
- E461 Operating unit in front of centre console
- G222 Front left tyre pressure sensor
- G223 Front right tyre pressure sensor
- G224 Rear left tyre pressure sensor
- G225 Rear right tyre pressure sensor
- J502 Tyre pressure monitor control unit
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T16b 16-pin connector, brown, on switch module centre console
- T20h 20-pin connector, red, on tyre pressure monitor control unit 2
- T52b 52-pin connector, yellow, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness

* up to May 2009
** from June 2009

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

8J0-036030409

Interface for special functions:

from June 2007

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

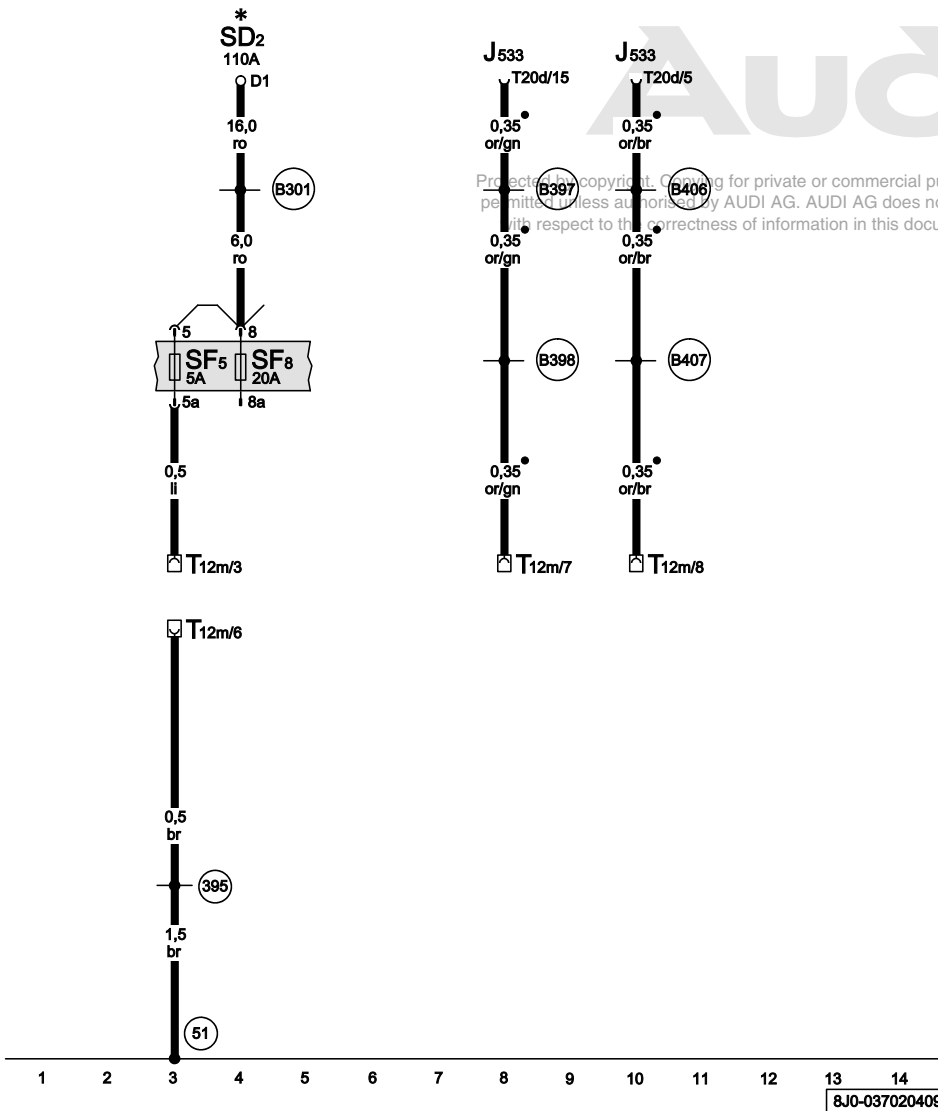
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

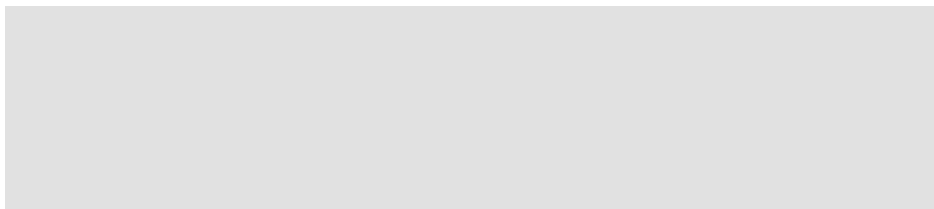


Interface for special functions:

- J533 Data bus diagnostic interface
- SD2 Fuse 2 on fuse holder D
- SF5 Fuse 5 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T20d 20-pin connector, black, on data bus diagnostic interface
- 51 Earth point, on right in luggage compartment
- 395 Earth connection 30, in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

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

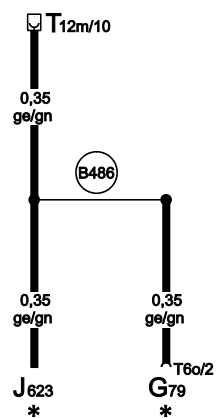
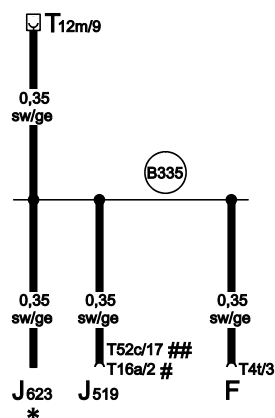
8J0-037020409



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Interface for special functions:

- F Brake light switch
- G79 Accelerator position sender
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B335** Connection 1 (54), in main wiring harness
- B486** Connection 22 in main wiring harness
- * ⇒ Engine Current Flow Diagram
- # up to May 2009
- ## from June 2009



- ws = white
- 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
8J0-037030409

Radio

- ⇒ Radiogeneration II plus
 - ⇒ Loudspeaker (8RE)
- from model year 2007

Notes:

For information concerning

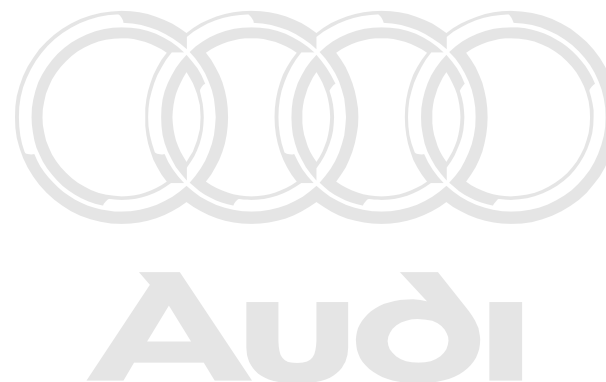
- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

⇒ List of Fitting Locations!

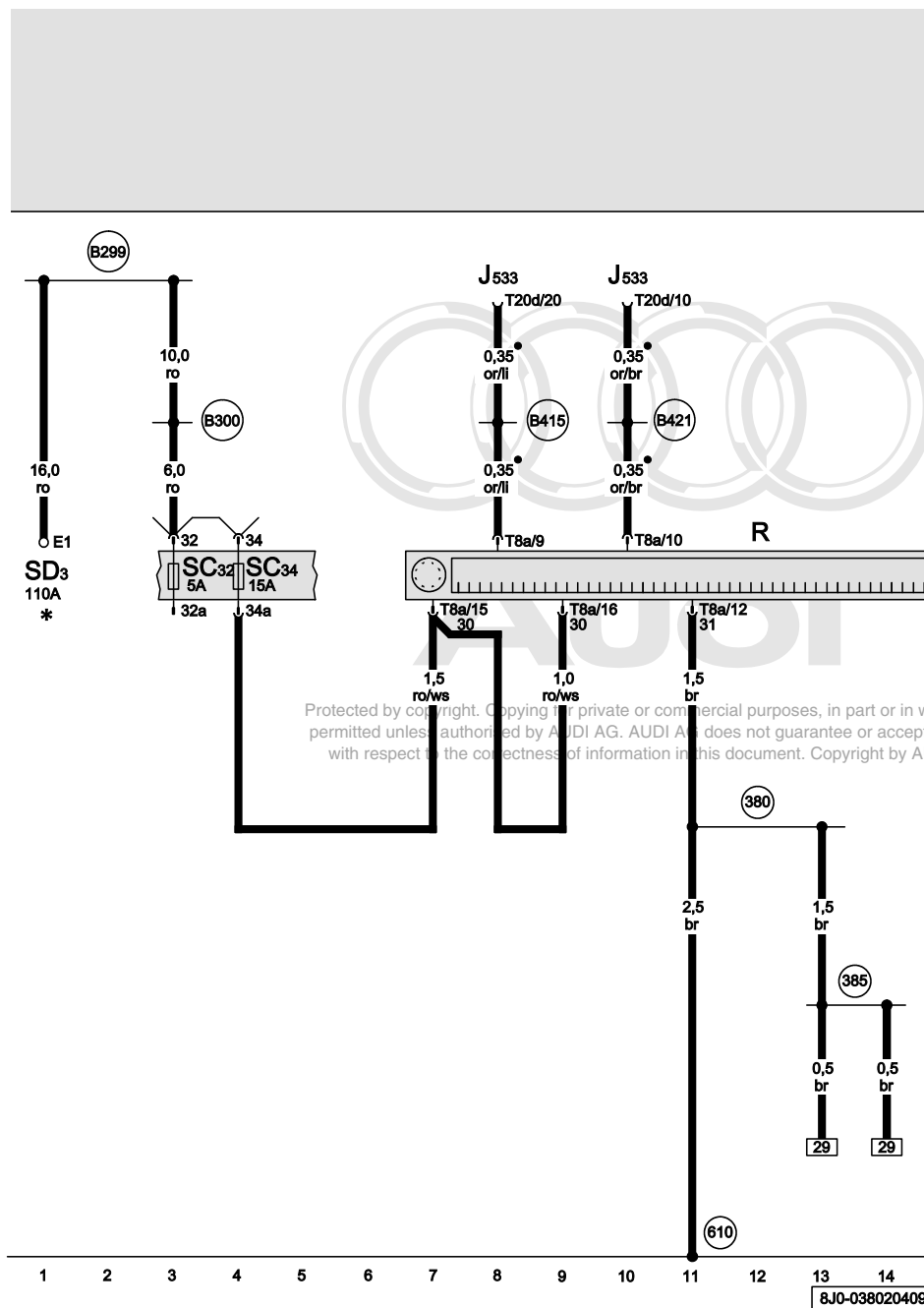
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



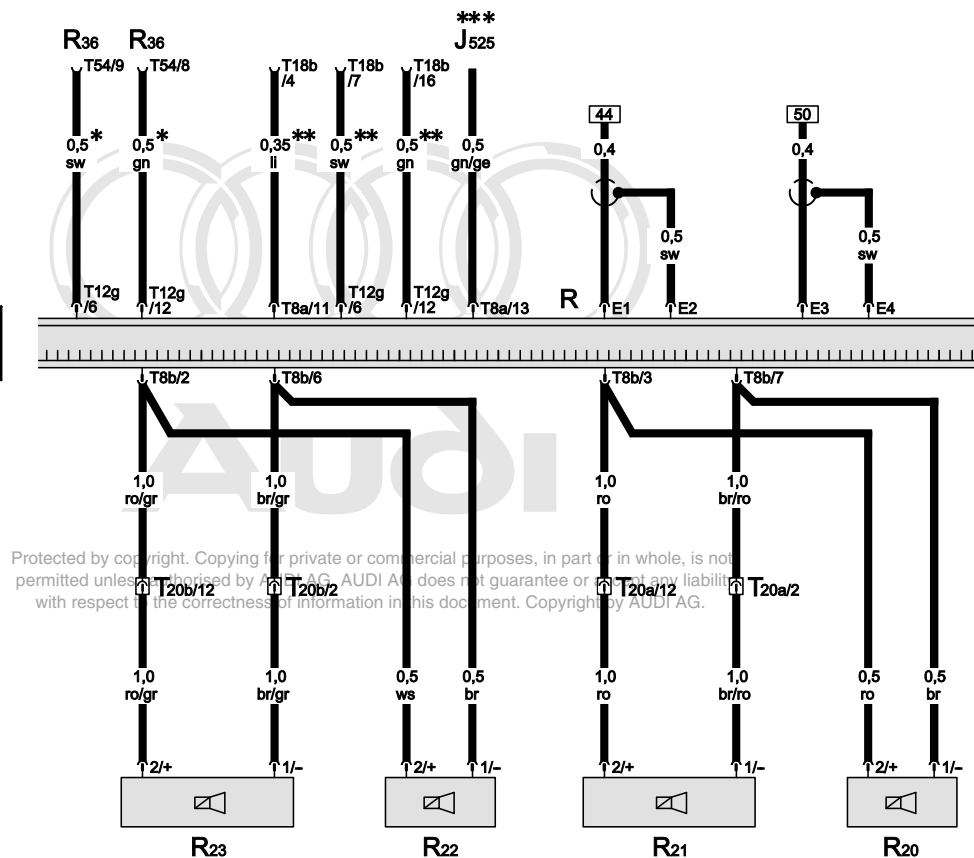
Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface
- (380) Earth connection 15, in main wiring harness
- (385) Earth connection 20, in main wiring harness
- (610) Earth point (audio), under centre console, front
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B415) Connection 1 (infotainment CAN bus, high), in main wiring harness
- (B421) Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

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 treble loudspeaker, front left bass loudspeaker, front right treble loudspeaker, front right bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R36 Telephone transmitter and receiver unit
- T8a 8-pin connector, black, radio pin connector D
- T8b 8-pin connector, brown, radio connector A
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)
- *** ⇒ Radio standard soundsystem Current Flow Diagram (9VD) or radio BOSE soundsystem (8RY)

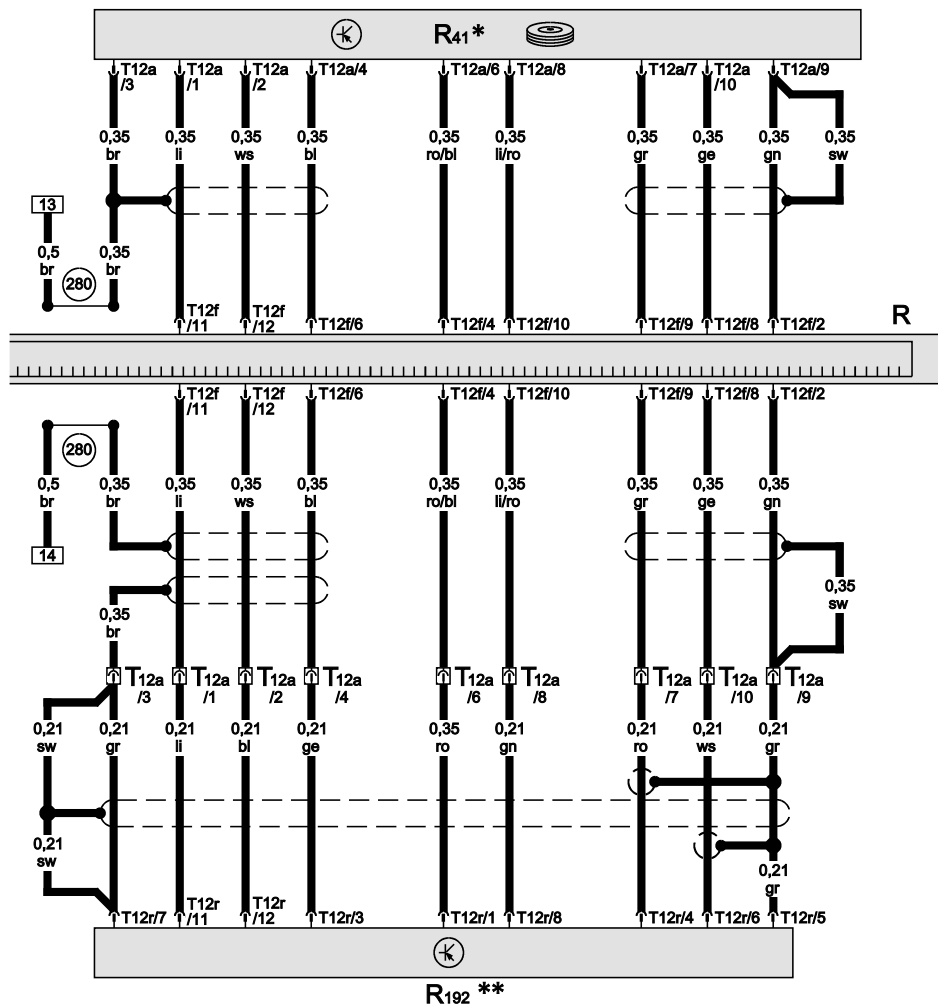


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, CD changer, iPod holder

- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness

* models with CD changer
** models with iPod holder

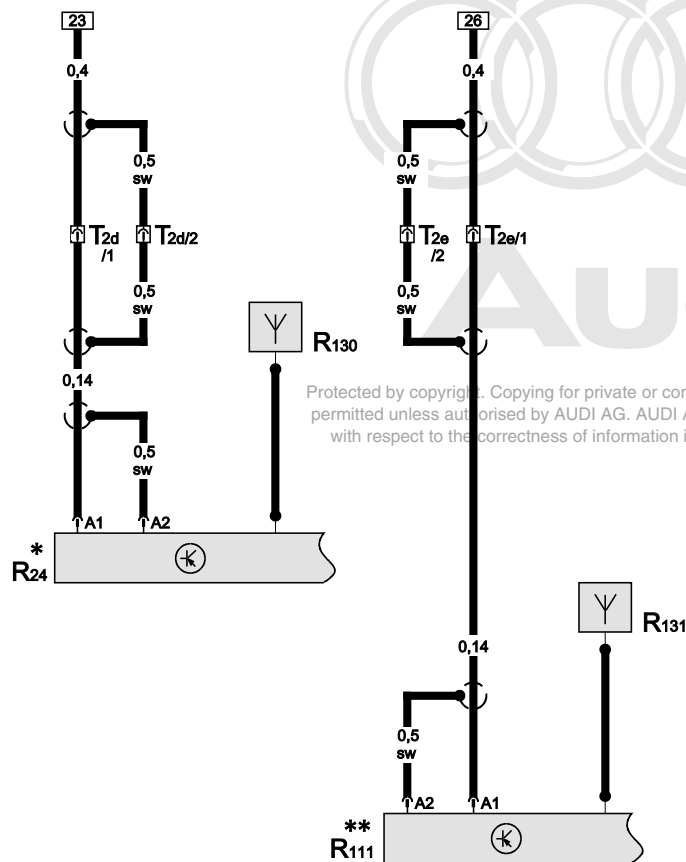


Printed by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the written authorization of AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Aerial amplifier, rear window aerial

- R24 Aerial amplifier
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- * rear window upper right
- ** rear window bottom right



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Headlight for gaseous discharge light (Bixenon) and automatic headlight range control

⇒ Side light and day driving light with LED

from March 2008

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

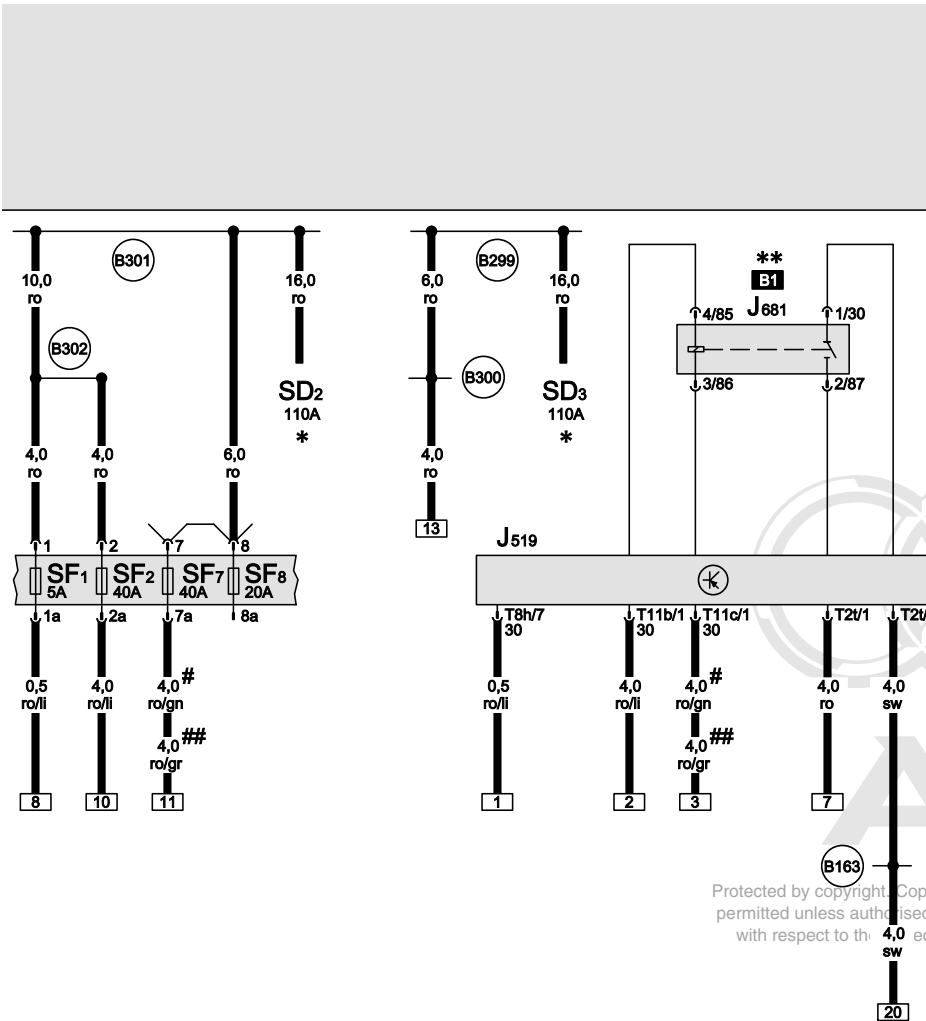
- ◆ Fault Finding Programs

⇒ guided fault finding

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- B163 Positive connection 1 (15), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit, under left dash panel
- # Coupe
- ## Roadster



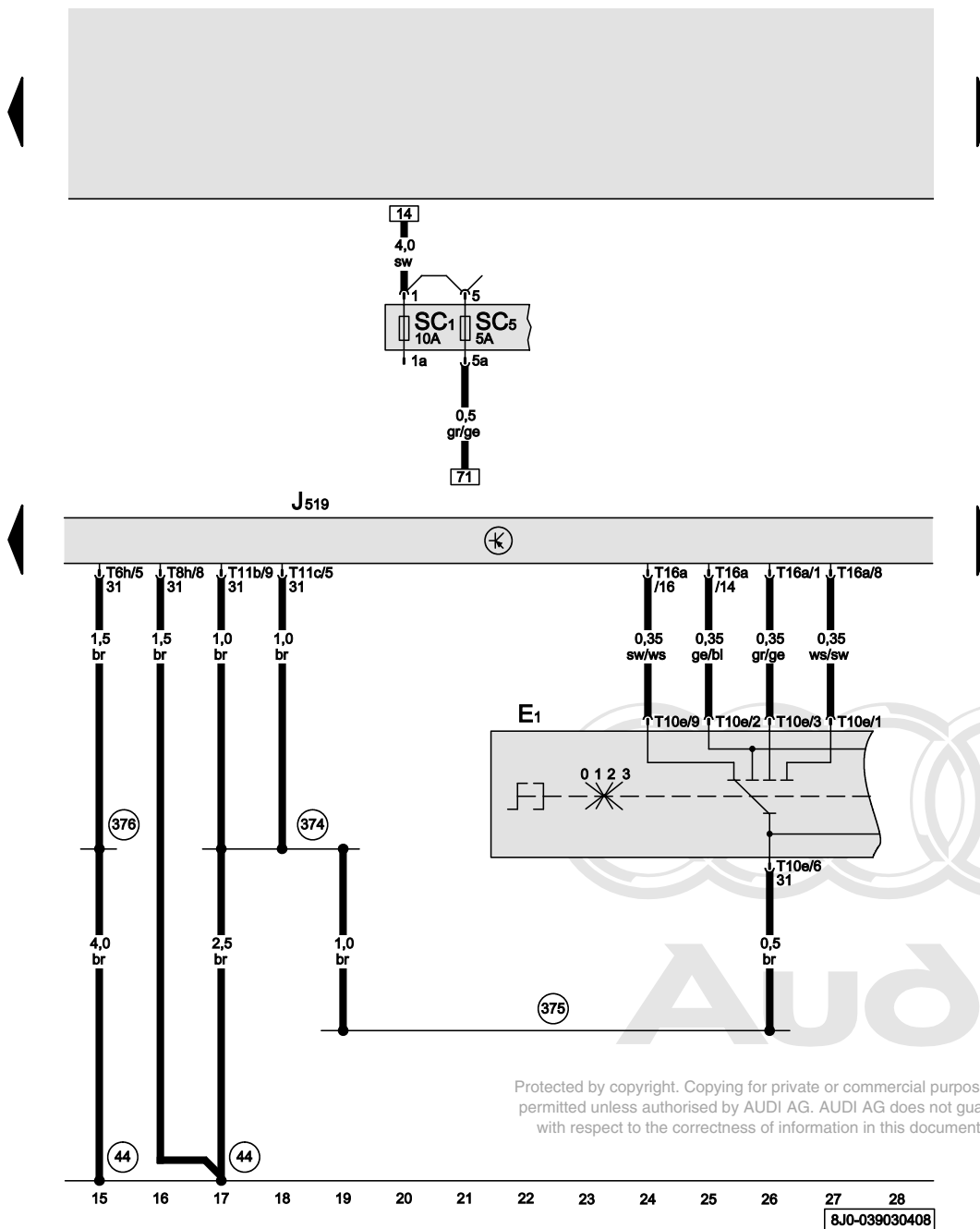
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Audi AG

- 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, light switch

- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 376 Earth connection 11, in main wiring harness



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

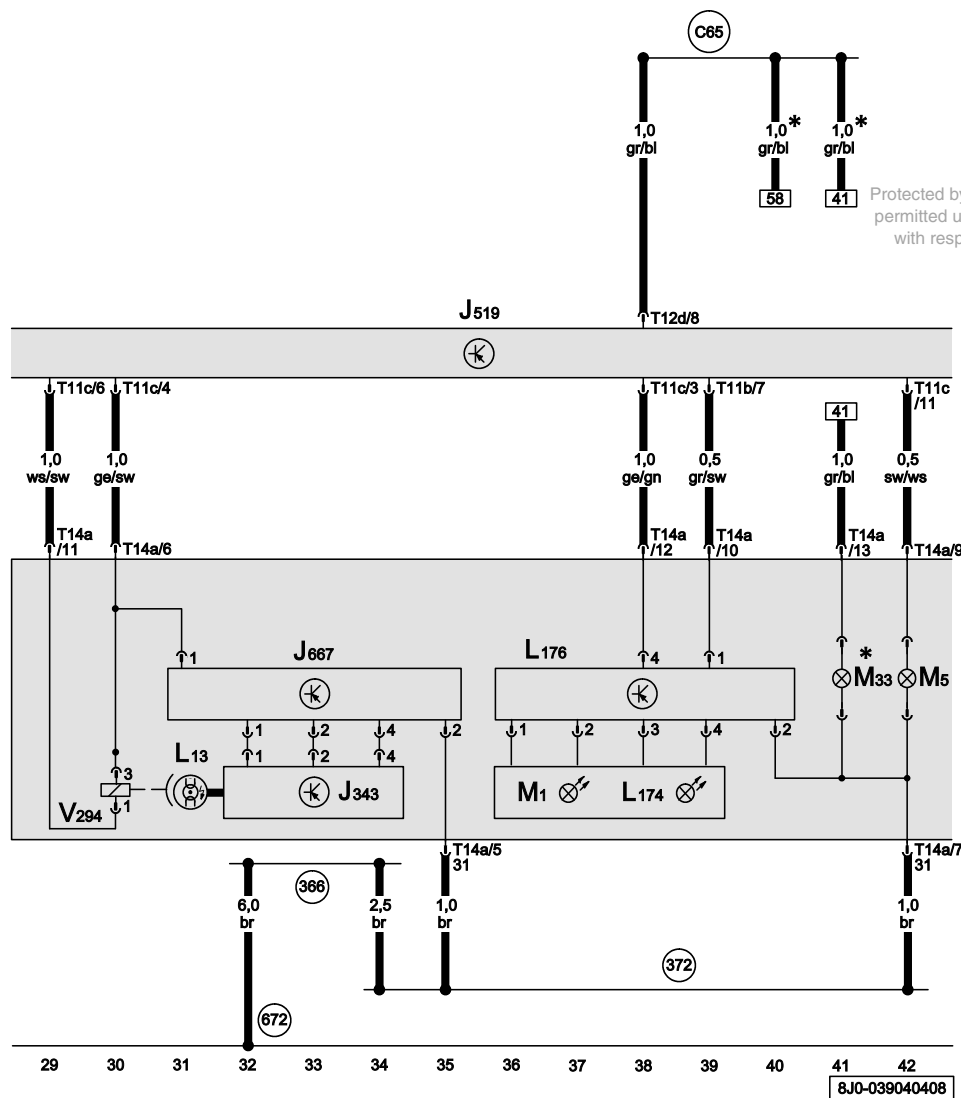
8J0-039030408

Onboard supply control unit, left gas discharge light control unit, power output module for left headlight

- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- L176 Left LED module for daytime running light and side light
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T12d 12-pin connector, brown, connector C, on onboard supply control unit
- T14a 14-pin connector, black, on left of headlight
- V294 Left dip beam screen motor

- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- C65 Positive connection 1 for side marker light

* only USA

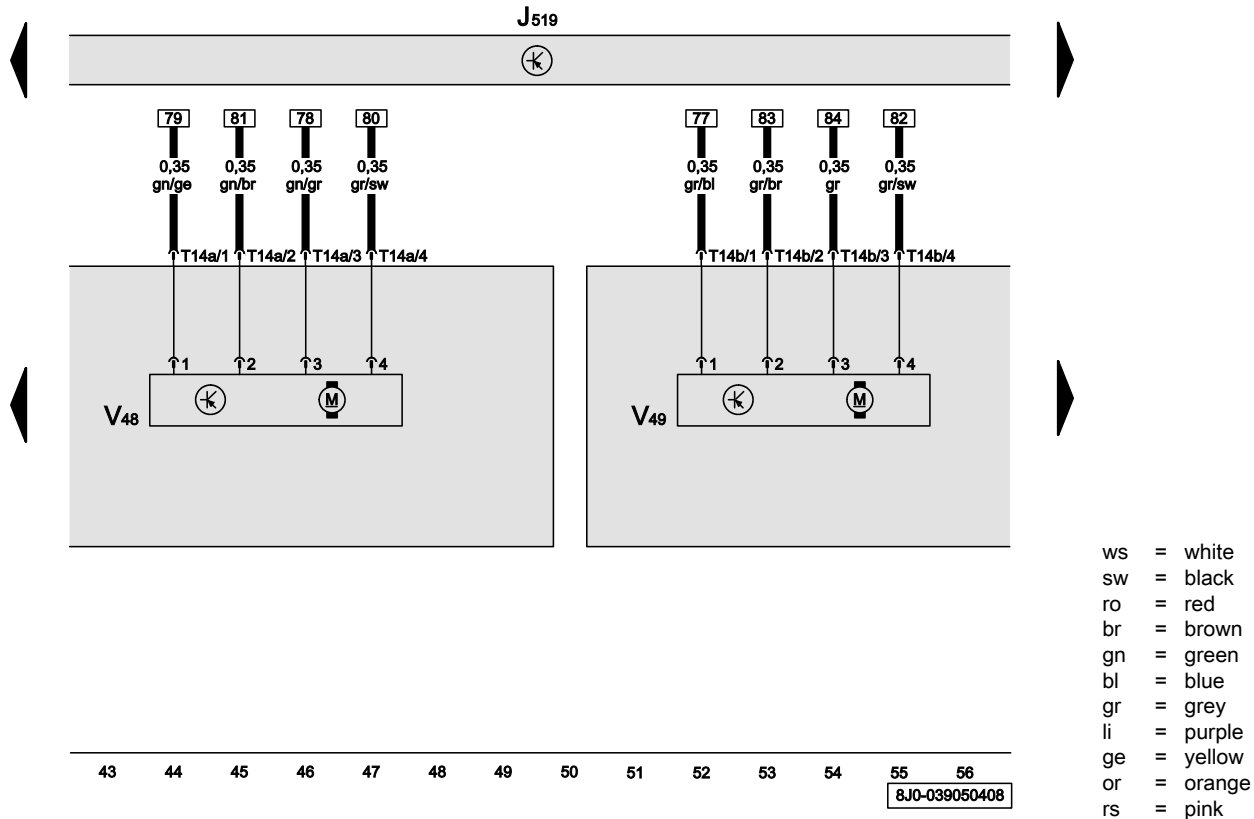


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, left headlight range control motor, right headlight range control motor

- J519 Onboard supply control unit
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V48 Left headlight range control motor
- V49 Right headlight range control motor

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

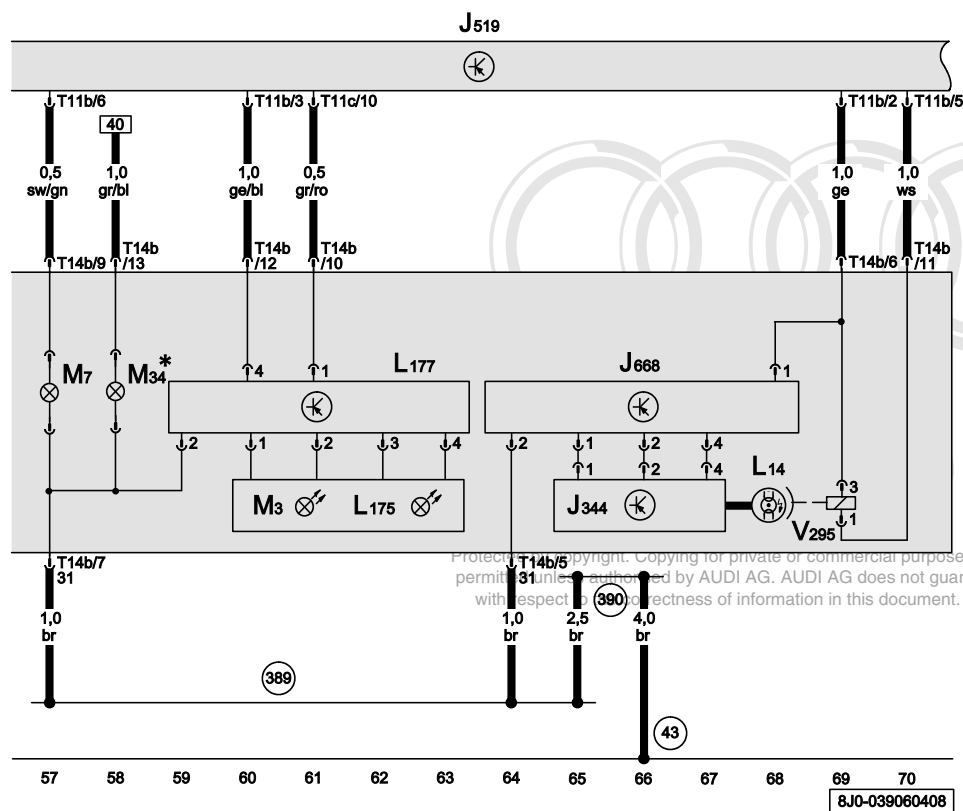
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- L177 Right LED module for daytime running light and side light
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14b 14-pin connector, black, on right of headlight
- V295 Right dip beam screen motor

43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

* only USA

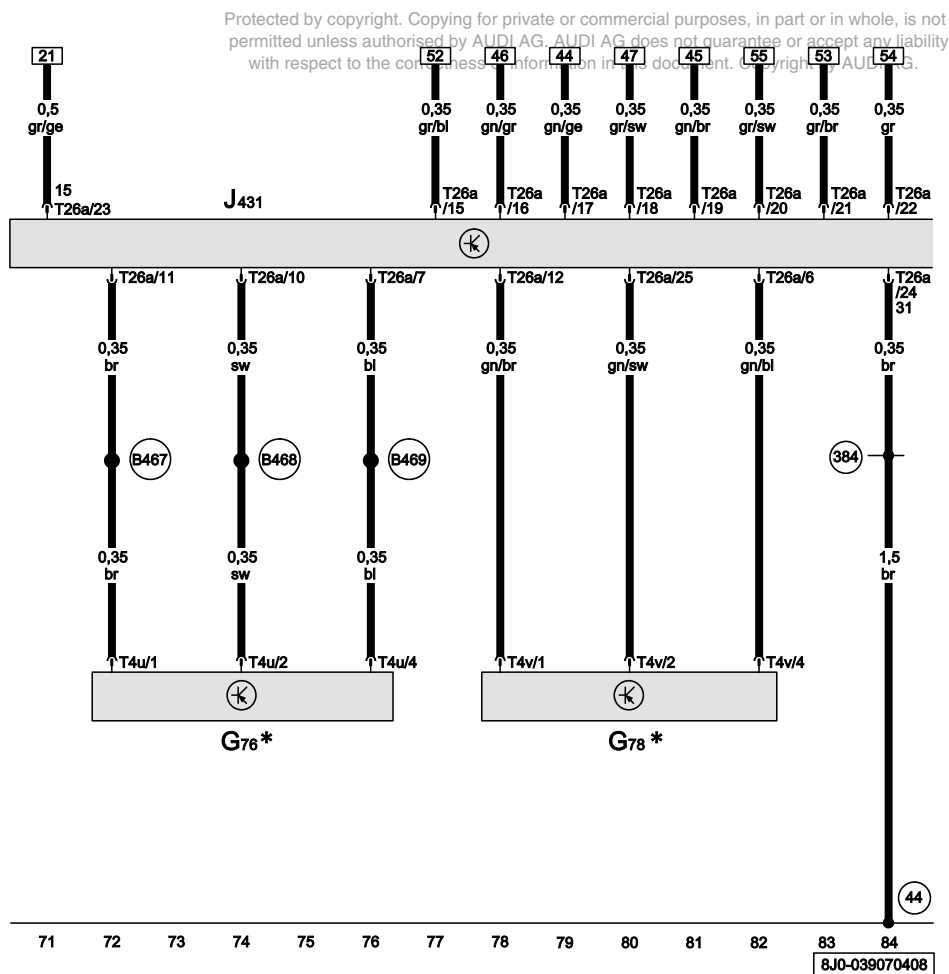


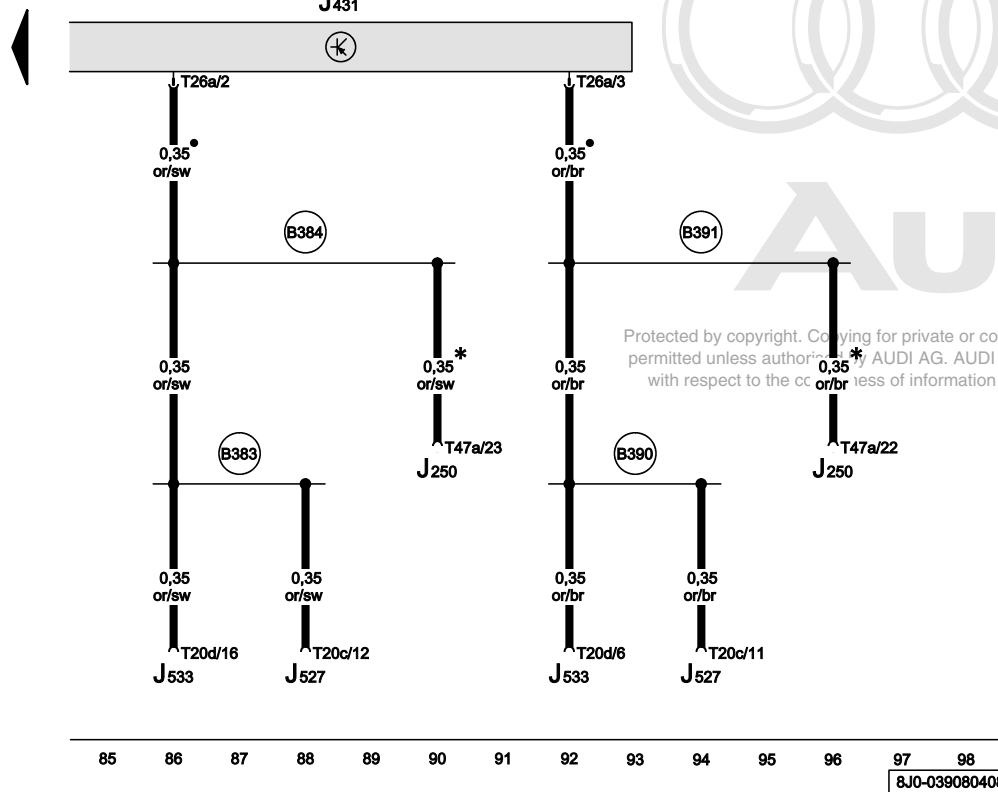
Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness

* not for electronically controlled damping





J250	Electronically controlled damping control unit
J431	Headlight range control, control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
T20c	20-pin connector, black, connector A, on steering column electronics control unit
T20d	20-pin connector, black, on data bus diagnostic interface
T26a	26-pin connector, black, on headlight range control, control unit
T47a	47-pin connector, on electronically controlled damping control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * with electronically controlled damping

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control

⇒ Side light and day driving light with LED

from March 2008

Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

◆ Fault Finding Programs

⇒ guided fault finding



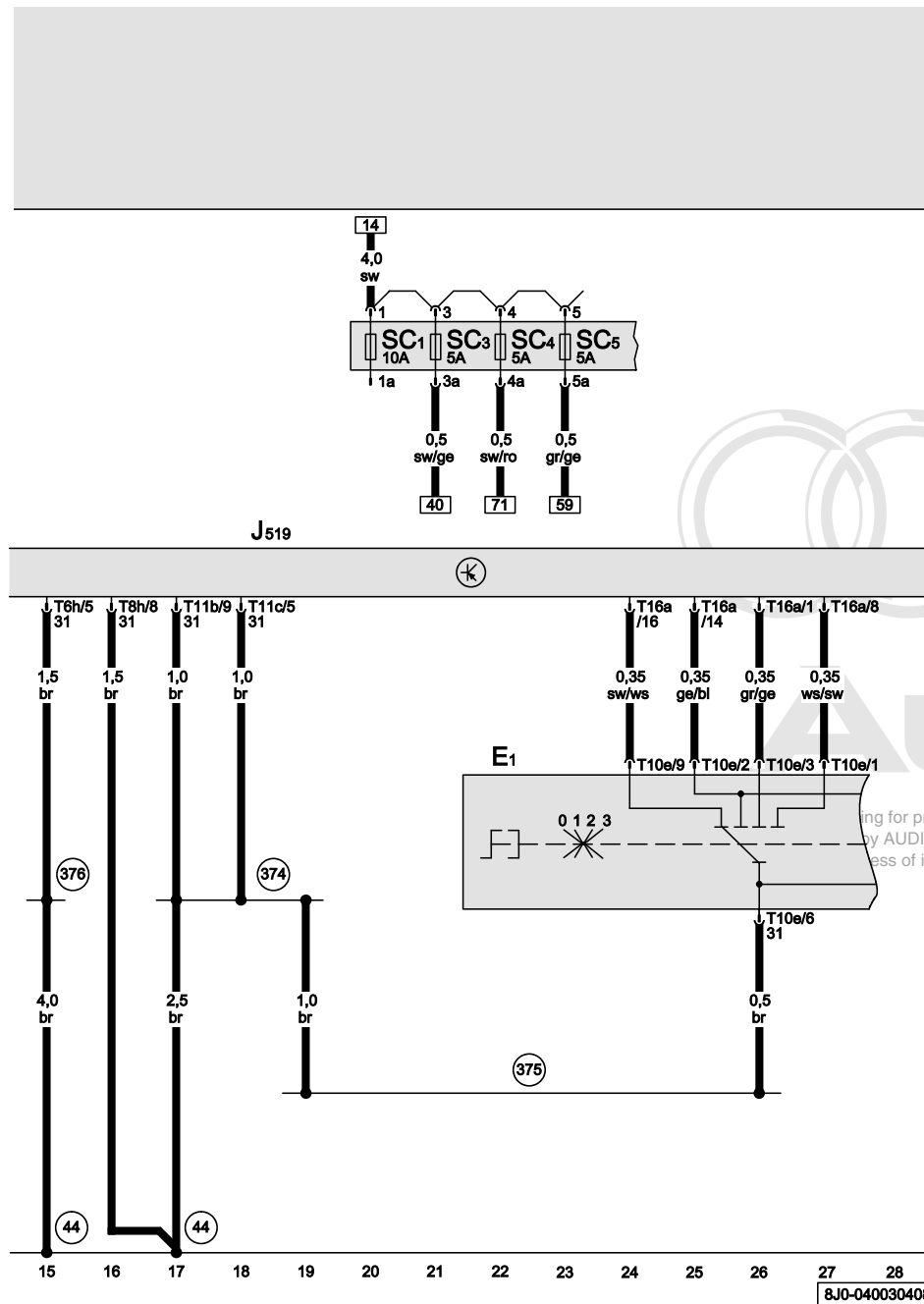
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, light switch

- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T6h 6-pin connector, connector J, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T16a 16-pin connector, black, connector E, on onboard power supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 376 Earth connection 11, 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

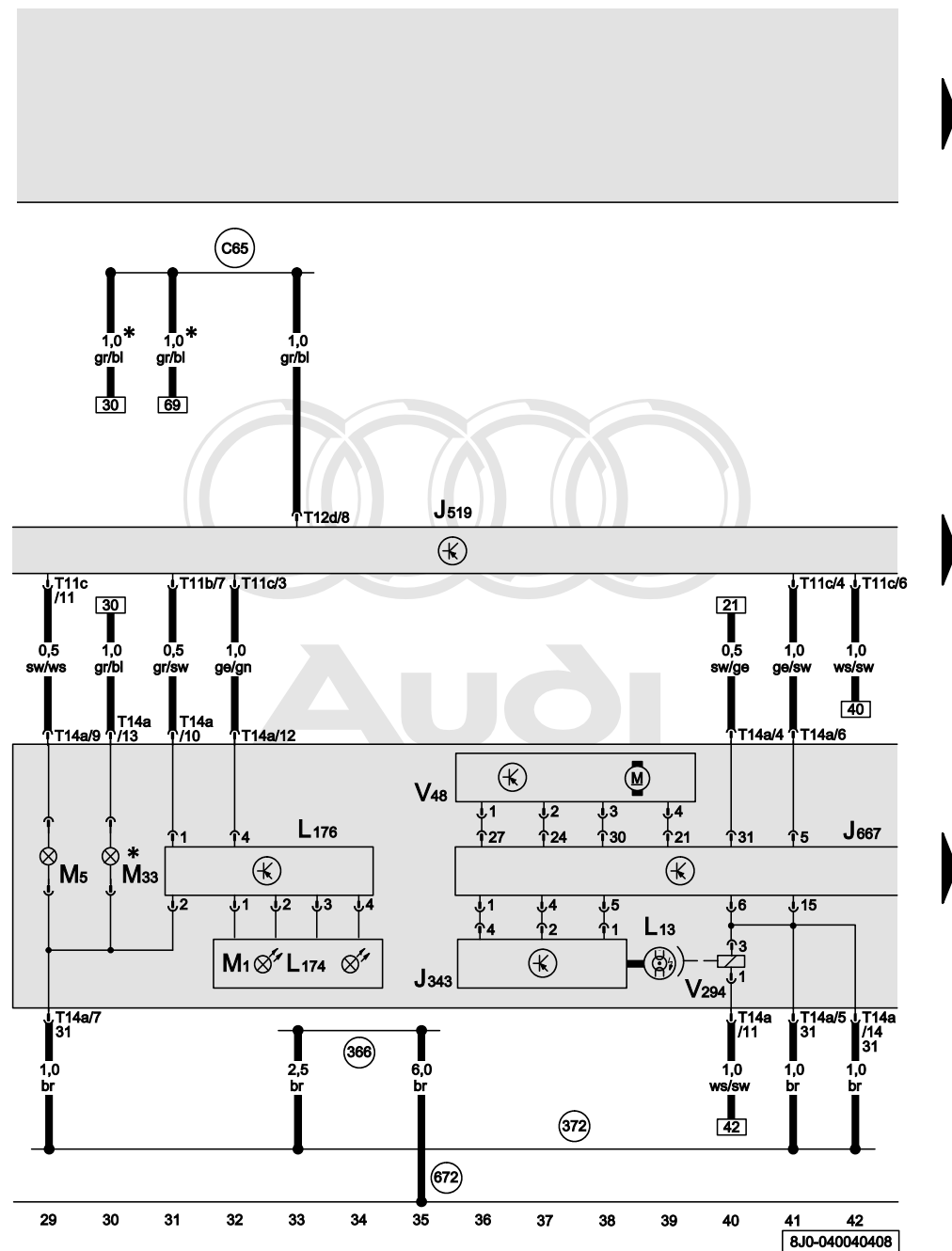
Onboard supply control unit, left gas discharge light control unit, power output module for left headlight

- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- L176 Left LED module for daytime running light and side light
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T12d 12-pin connector, brown, connector C, on onboard supply control unit
- T14a 14-pin connector, black, on left of headlight
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- C65 Positive connection 1 for side marker light

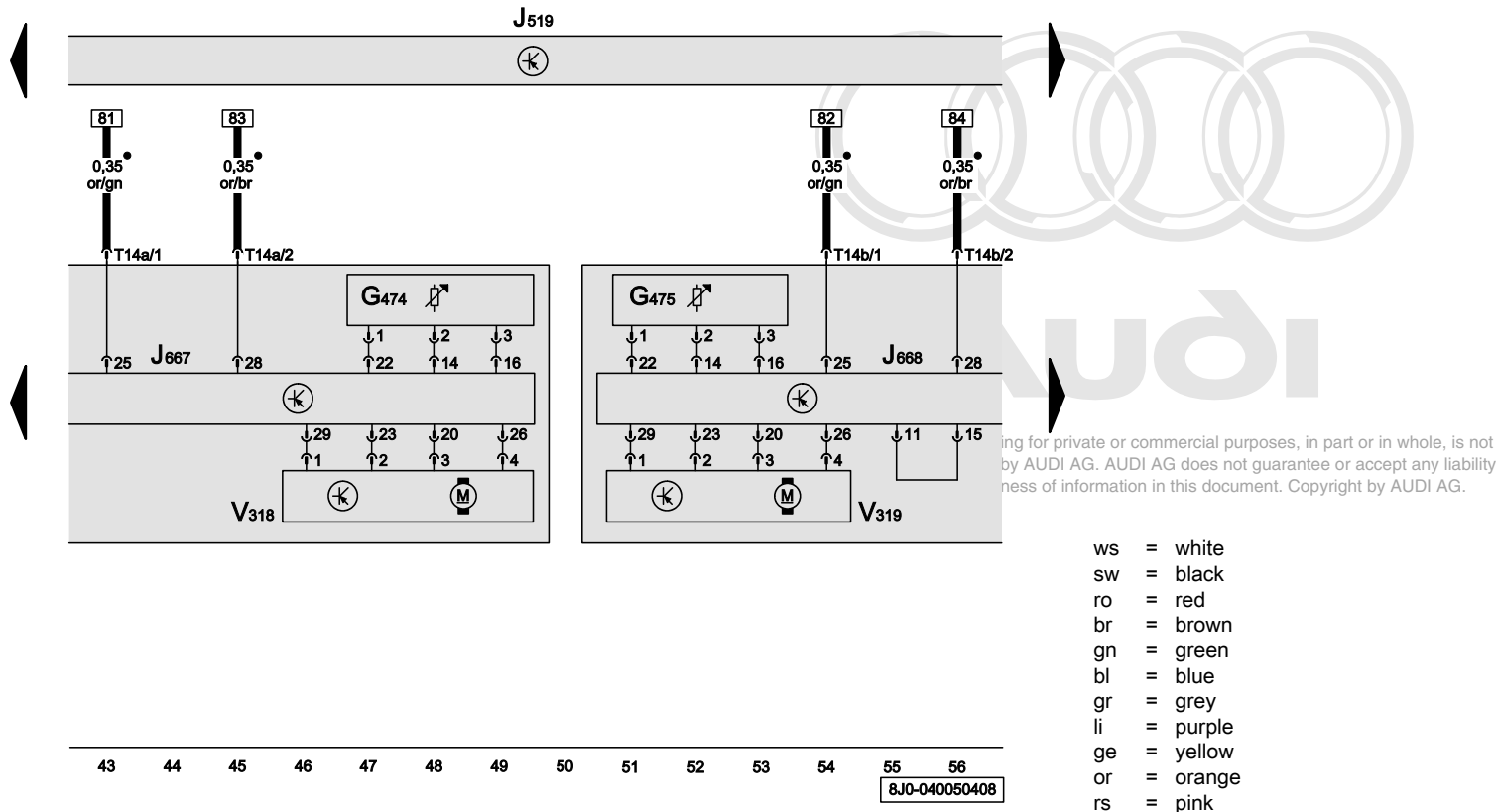
* only USA

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, power output module for left headlight, power output module for right headlight, swivel module position sensor, dynamic cornering light control motor

- G474 Left swivel module position sensor
- G475 Right swivel module position sensor
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- J668 Power output module for right headlight
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V318 Left dynamic cornering light control motor
- V319 Right dynamic cornering light control motor
- CAN bus (data wire)



Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

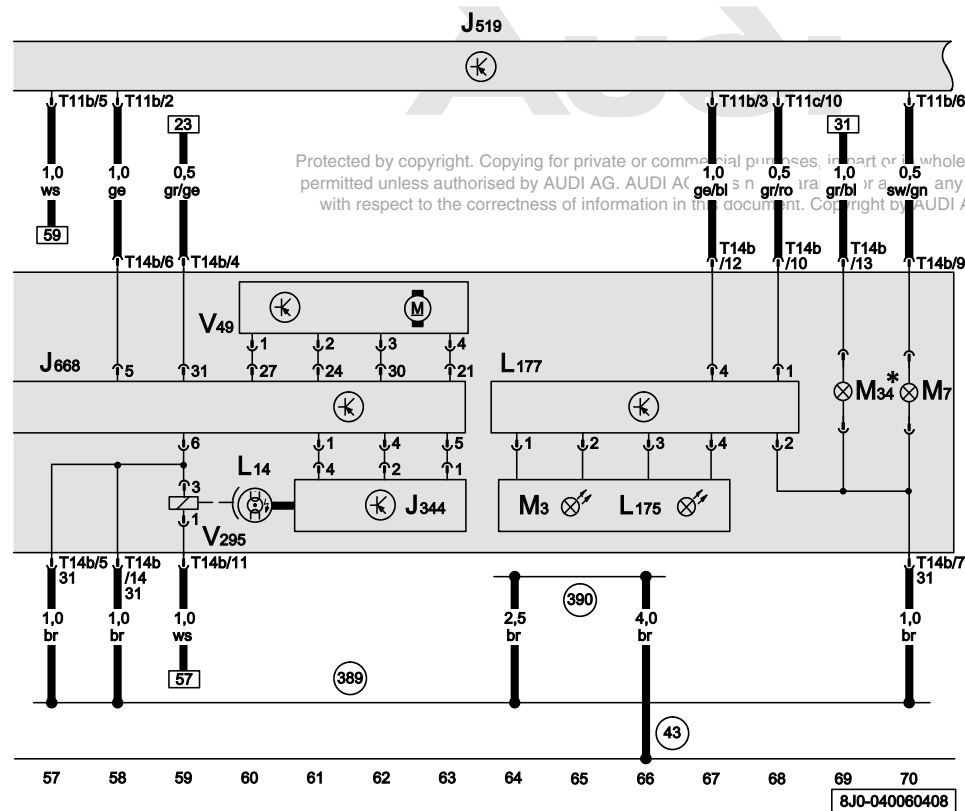
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- L177 Right LED module for daytime running light and side light
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T11c 11-pin connector, brown, connector D, on onboard power supply control unit
- T14b 14-pin connector, black, on right of headlight
- V49 Right headlight range control motor
- V295 Right dip beam screen motor

43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

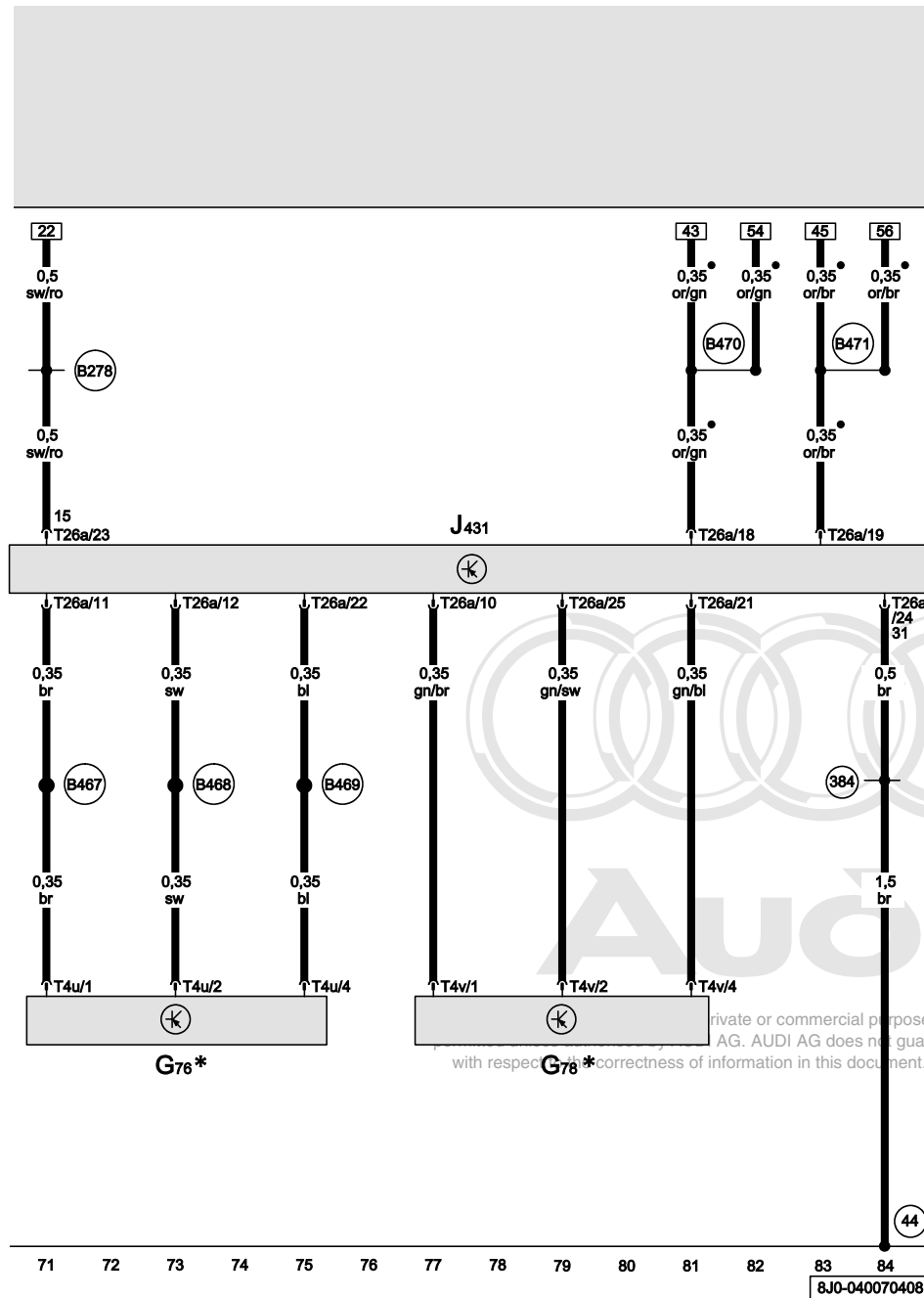
* only USA



Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness
- B470 Connection 6 in main wiring harness
- B471 Connection 7 in main wiring harness
- CAN bus (data wire)
- * not for electronically controlled damping



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

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

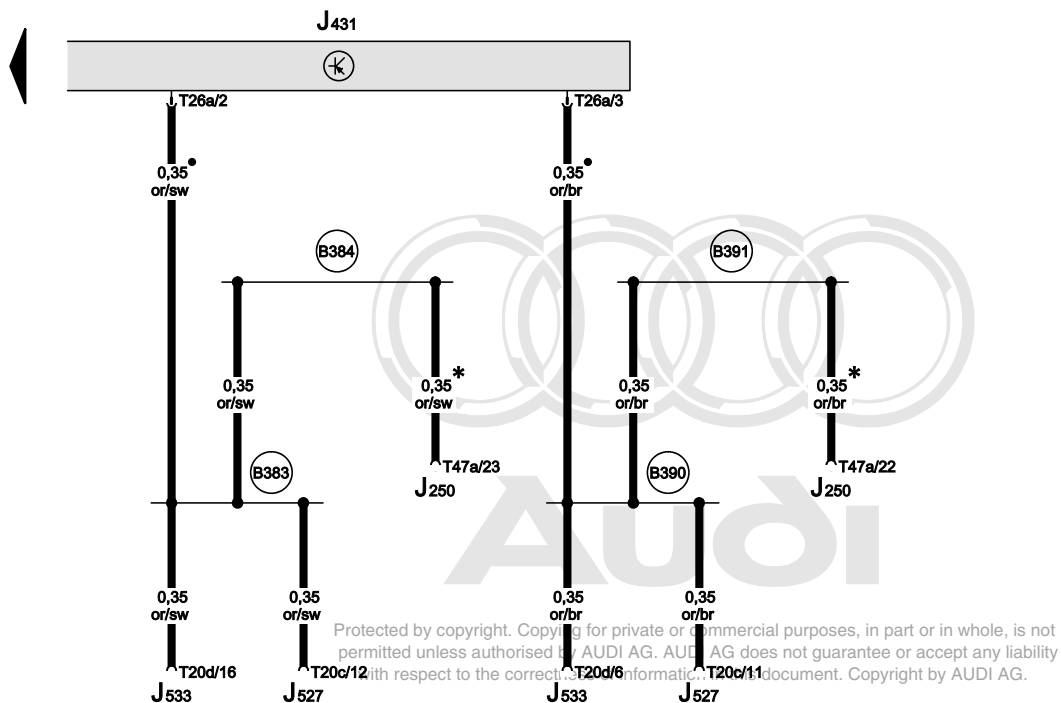
ⓑ383 Connection 1 (drive train CAN bus, high), in main wiring harness

ⓑ384 Connection 2 (drive train CAN bus, high), in main wiring harness

ⓑ390 Connection 1 (drive train CAN bus, low), in main wiring harness

ⓑ391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * with electronically controlled damping



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

Rear parking aid

from June 2008

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

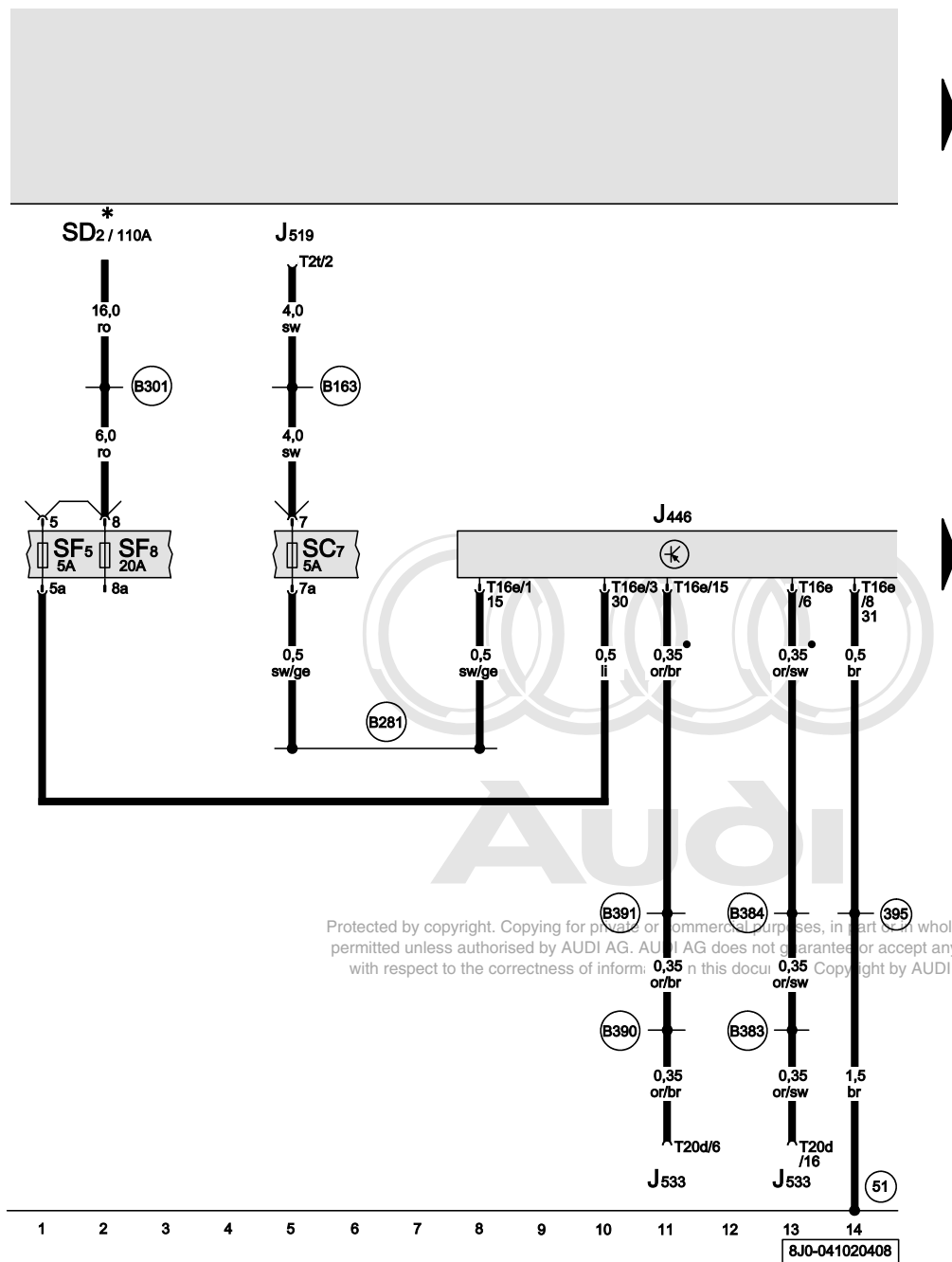
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Parking aid control unit, fuses

- J446 Parking aid control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC7 Fuse 7 on fuse holder C
- SD2 Fuse 2 on fuse holder D
- SF5 Fuse 5 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- 51 Earth point, on right in luggage compartment
- 395 Earth connection 30, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

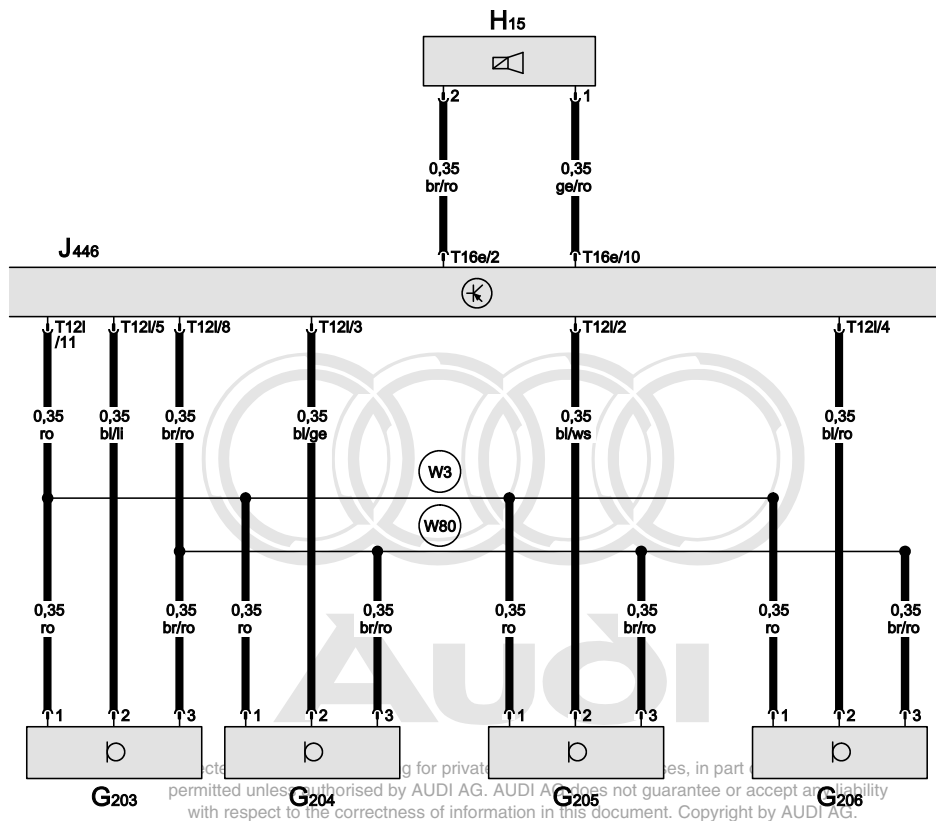
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Parking aid control unit, rear parking aid sender, rear parking aid warning buzzer

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T12l 12-pin connector, black, connector C, on parking aid control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit

W3 Connection, in rear wiring harness

W80 Connection 2, 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

2.0 I - TDI, Common Rail (125 kW - 4 cylinder), engine code CBBB

from September 2008

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

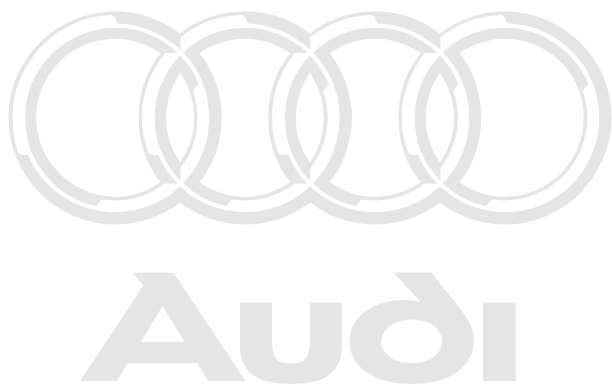
- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



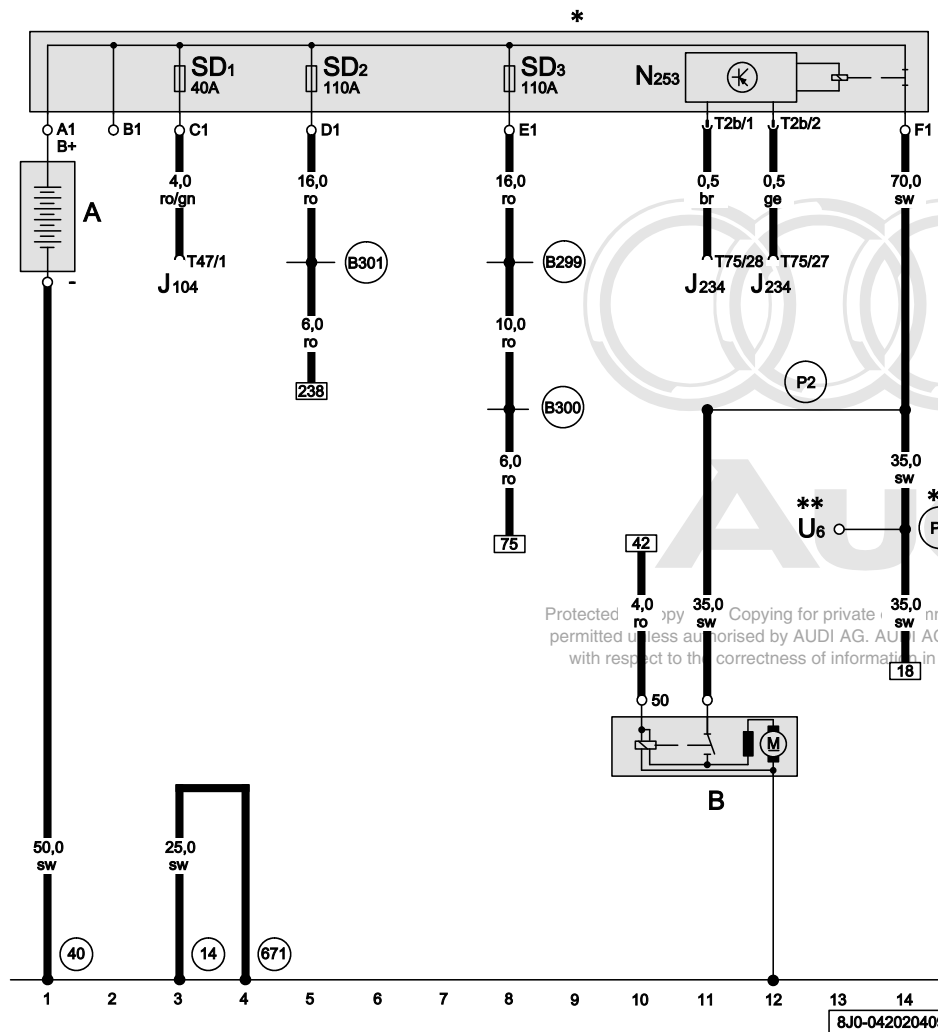
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2b 2-pin connector, purple, on battery isolation igniter
- T47 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- U6 Slave start socket

- 14 Earth point, on gearbox
- 40 Earth point, under rear right seat
- 671 Earth point 1, on front of left longitudinal member
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30), in battery wiring harness

- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket



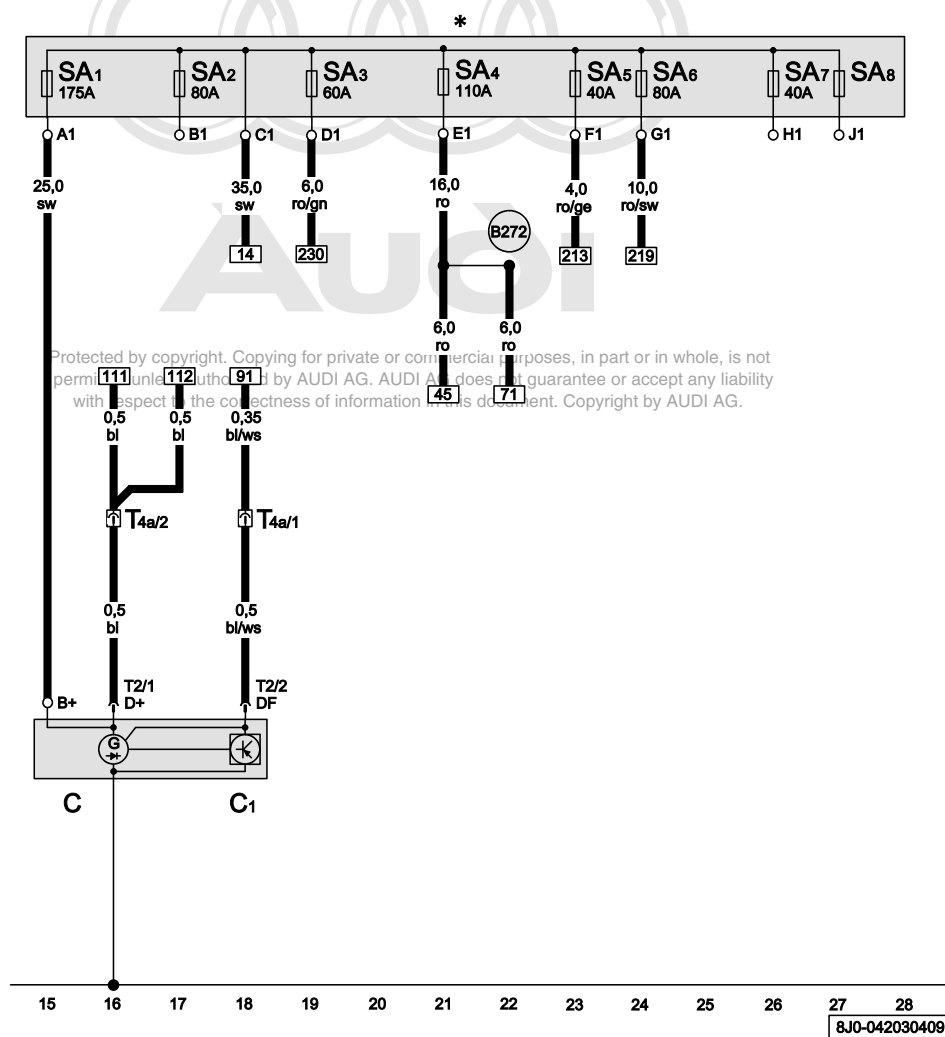
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

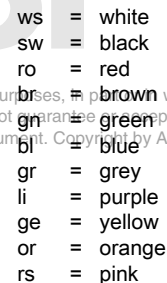
Alternator, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment

B272 Positive connection (30), in main wiring harness

* Main fuse holder, electronics box, in front left engine compartment



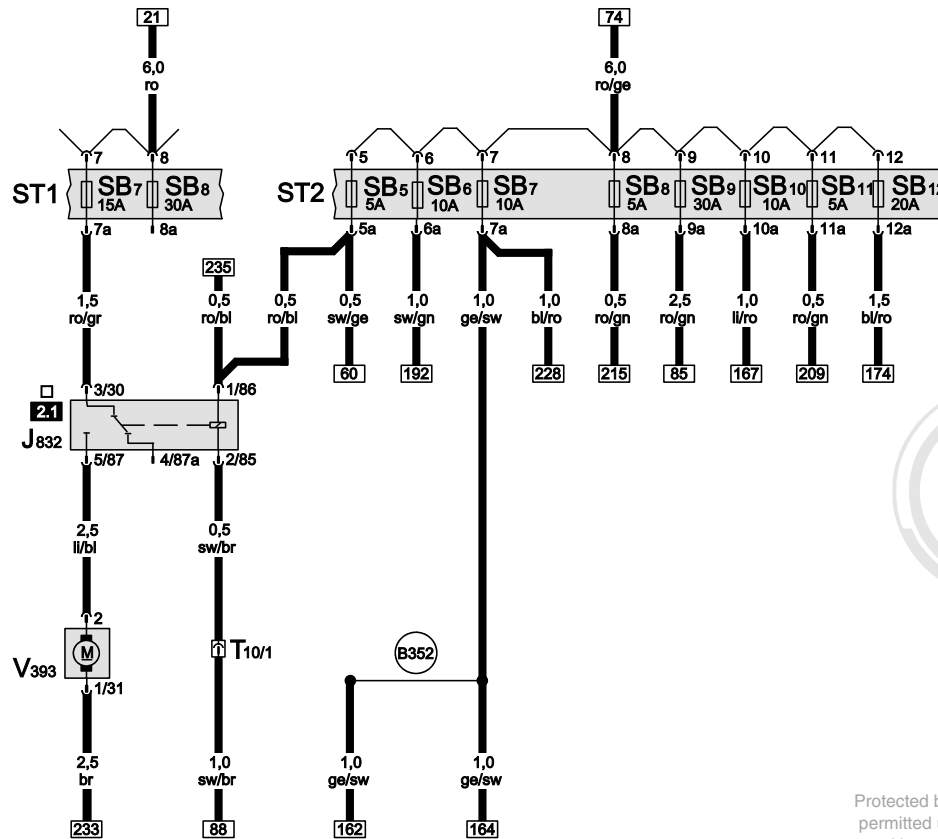


J104	ABS control unit
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2t	2-pin connector, black connector L, on onboard supply control unit
T8h	8-pin connector, black, connector F, on onboard supply control unit
T11b	11-pin connector, black, connector A, on onboard power supply control unit
T47	47-pin connector, on ABS control unit
T52b	52-pin connector, yellow, on onboard supply control unit
44	Earth point, lower part of left A-pillar
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B277	Positive connection 1 (15a), in main wiring harness
B283	Positive connection 7 (15a), in main wiring harness
*	Relay carrier under left dash panel
**	Relay carrier on onboard power supply control unit
#	up to May 2009
##	from June 2009

Protected by copyright. Copying for private or commercial purposes, in whole or in part, is not permitted unless expressly permitted by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Relay for supplementary fuel pump, supplementary fuel pump, fuses

- J832 Relay for supplementary fuel pump
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T10 10-pin connector, black, in front left engine compartment
- V393 Supplementary fuel pump
- B352 Positive connection 3 (87a), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment

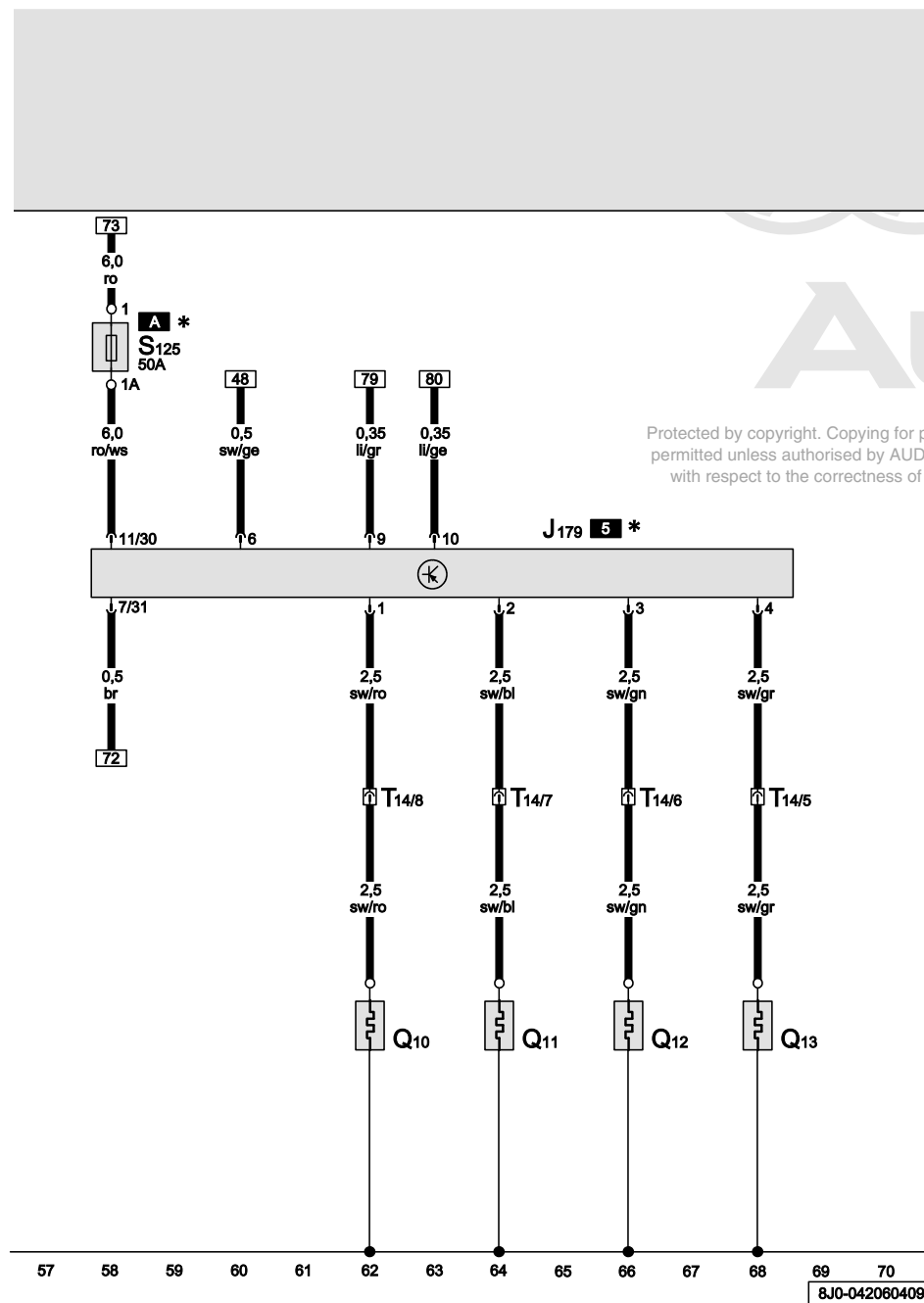


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

Automatic glow period control unit, glow plugs fuse, glow plugs

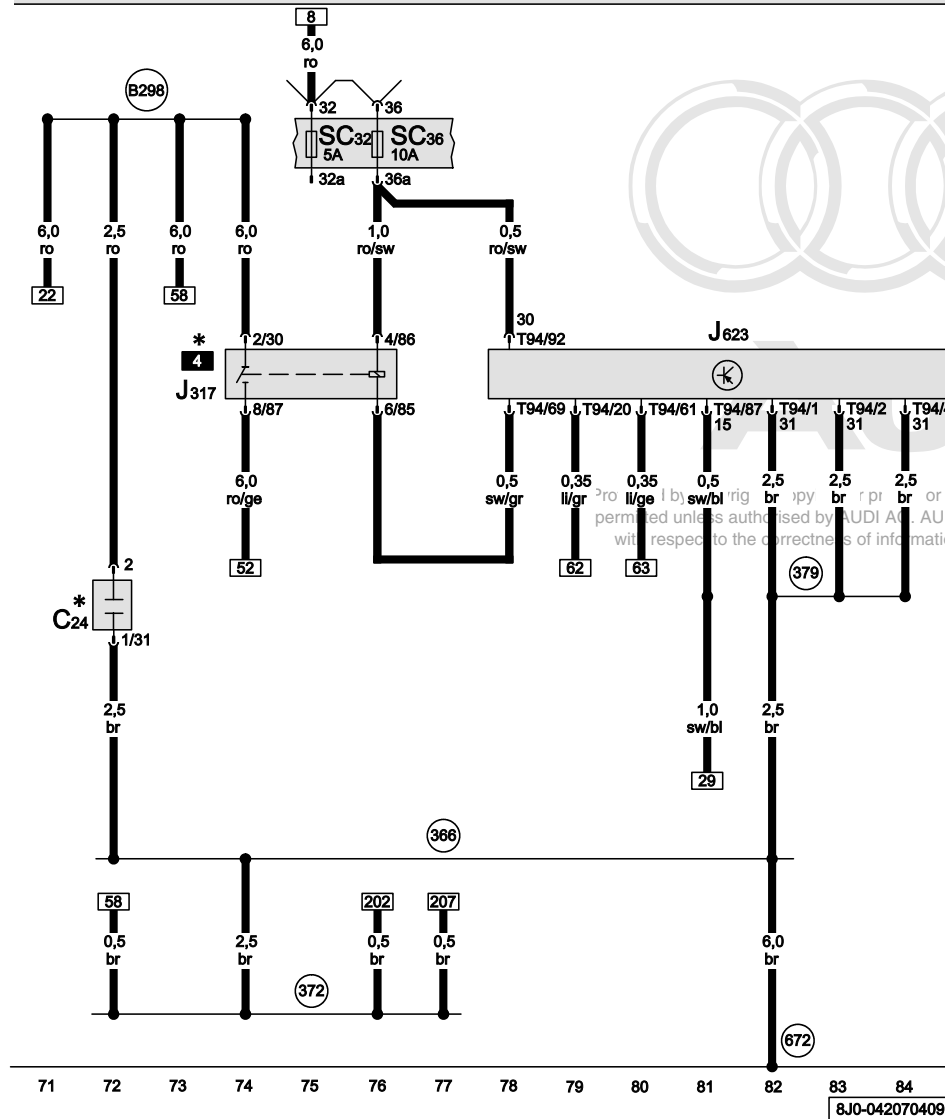
- J179 Automatic glow period control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- S125 Glow plug fuse
- T14 14-pin connector, black, on front left in engine compartment
- * Relay and fuse carrier in electronics box engine compartment



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, terminal 30 voltage supply relay, suppression filter

- C24 Suppression filter
- J317 Terminal 30 voltage supply relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector, on engine control unit
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B298 Positive connection 2 (30), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment



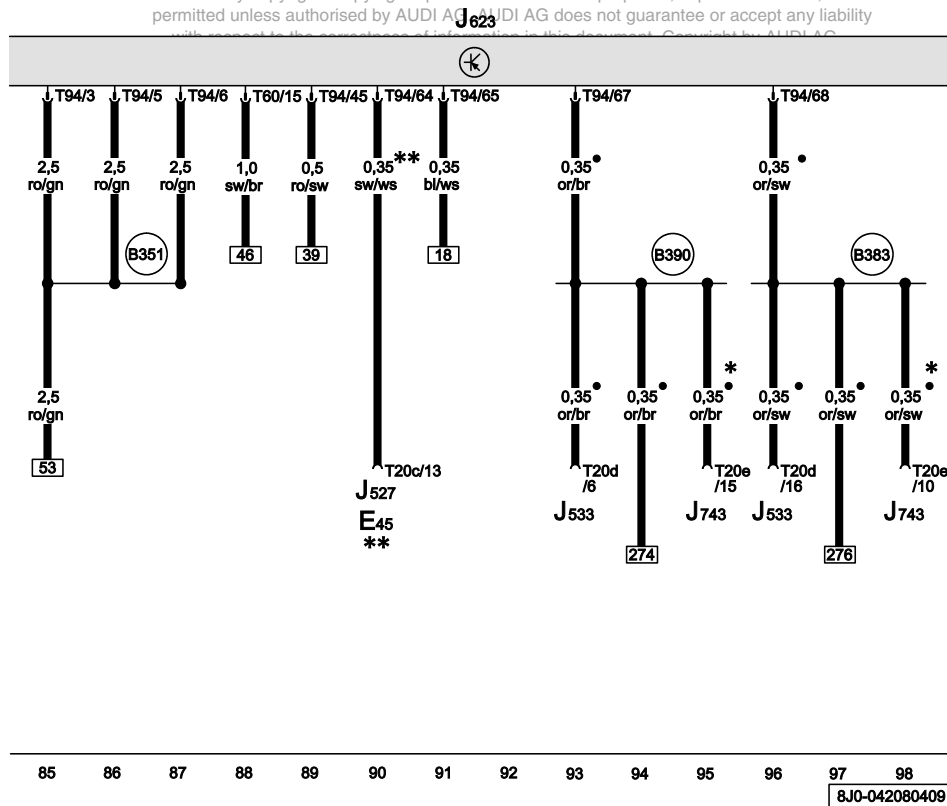
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit

- E45 Cruise control system switch
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

- (B351) Positive connection 2 (87a), in main wiring harness
- (B383) Connection 1 (drive train CAN bus, high), in main wiring harness
- (B390) Connection 1 (drive train CAN bus, low), in main wiring harness
 - CAN bus (data wire)
 - * models with direct shift gearbox 02E
 - ** models with cruise control system

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG



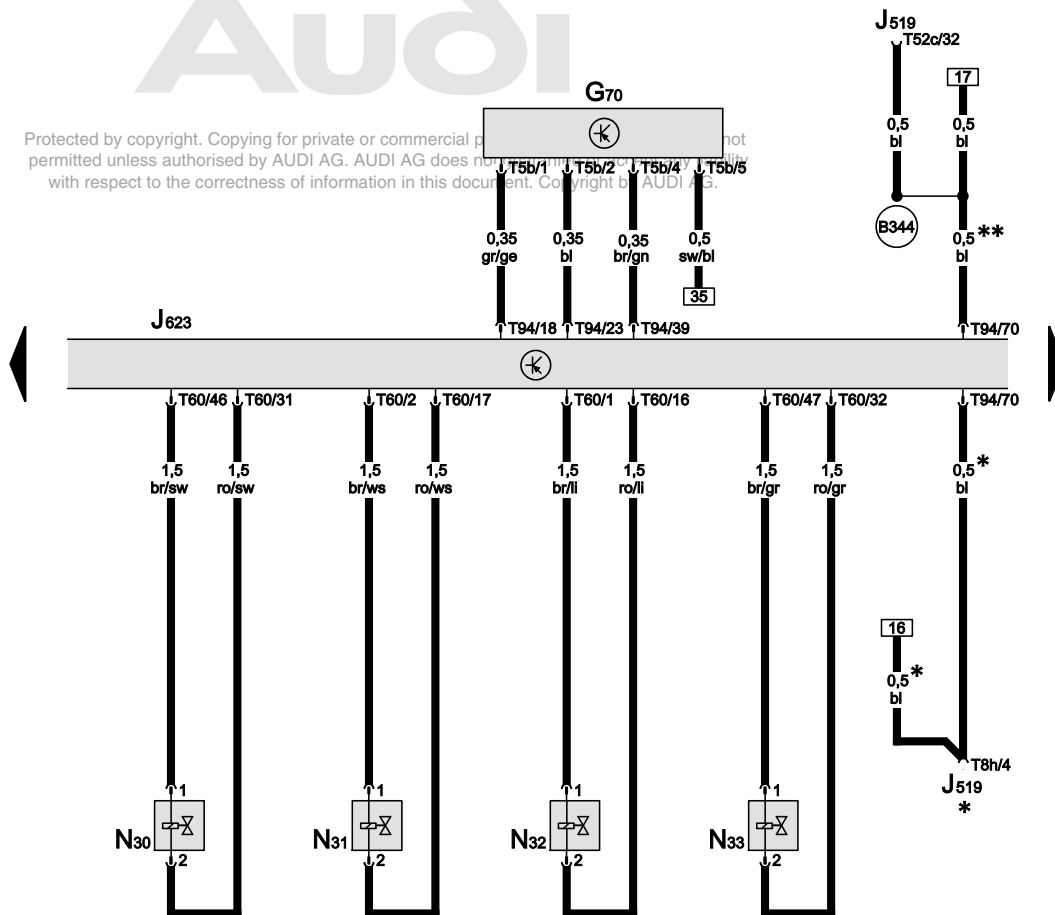
Engine control unit, injector for cylinders 1 up to 4, air mass meter

- G70 Air mass meter
- J519 Onboard supply control unit
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T5b 5-pin connector, black, on air mass meter
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

B344 Connection 1 (61), in main wiring harness

- * up to May 2009
- ** from June 2009

Protected by copyright. Copying for private or commercial purposes is not permitted unless authorised by AUDI AG. AUDI AG does not accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

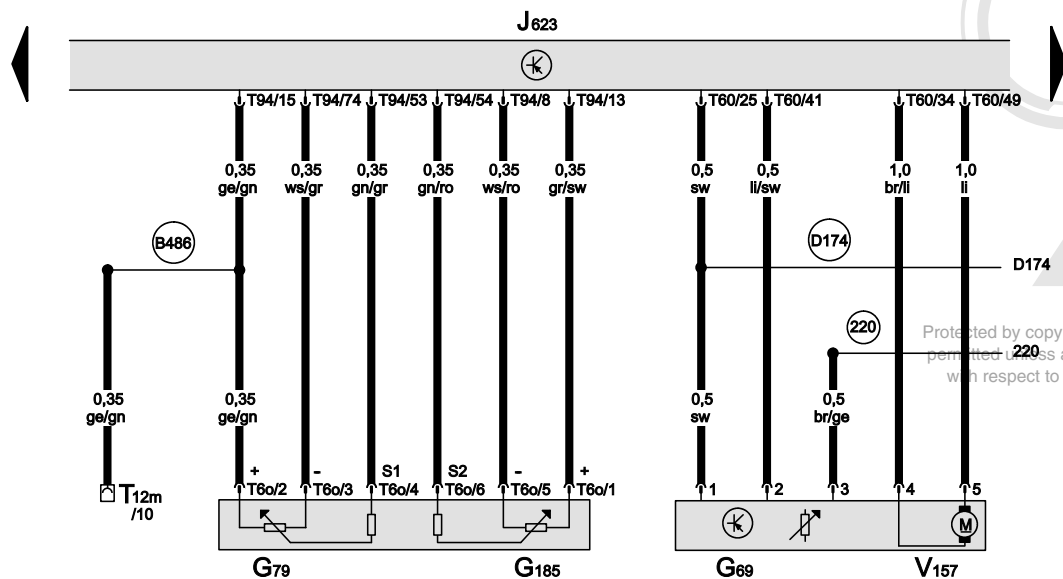
Engine control unit, throttle valve module, accelerator position sender

- G69 Throttle valve potentiometer
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- V157 Intake manifold flap motor

(220) Earth connection (sender earth), in engine wiring harness

(B486) Connection 22, in main wiring harness

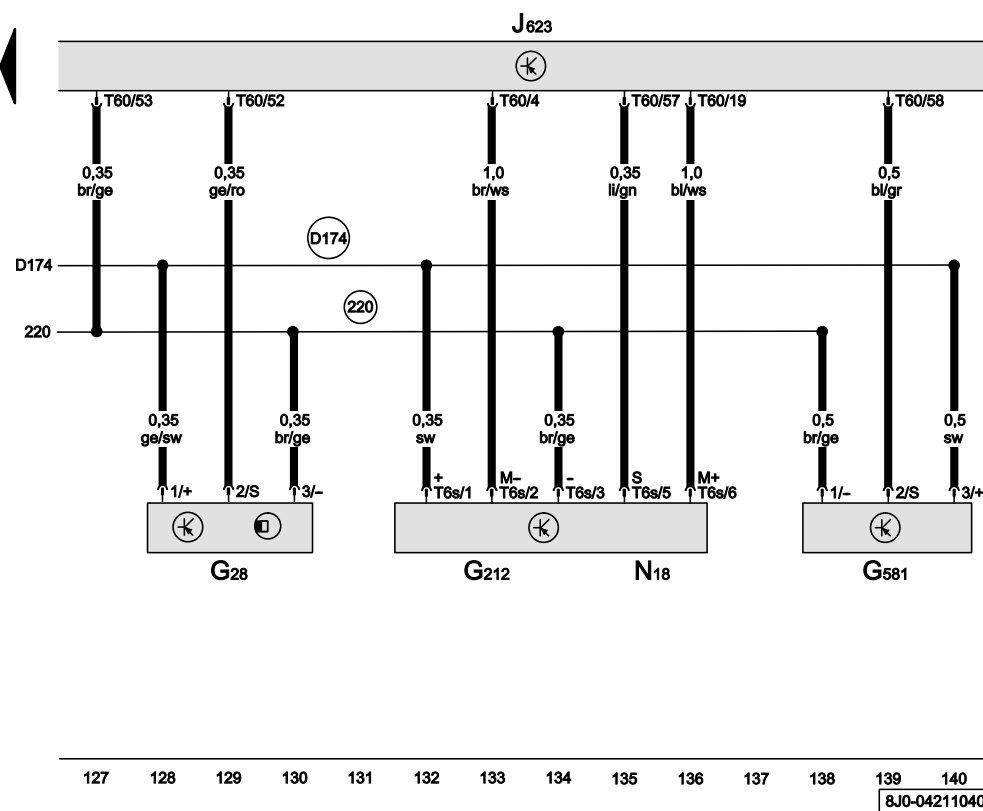
(D174) Connection 2 (5V), in engine wiring harness



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

Engine control unit, engine speed sender, exhaust gas recirculation potentiometer, position sender for charge pressure positioner

- G28 Engine speed sender
- G212 Exhaust gas recirculation potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- N18 Exhaust gas recirculation valve
- T6s 6-pin connector, grey, on exhaust gas recirculation potentiometer
- T60 60-pin connector, on engine control unit
- (220) Earth connection (sender earth), in engine wiring harness
- (D174) Connection 2 (5V), in engine wiring harness



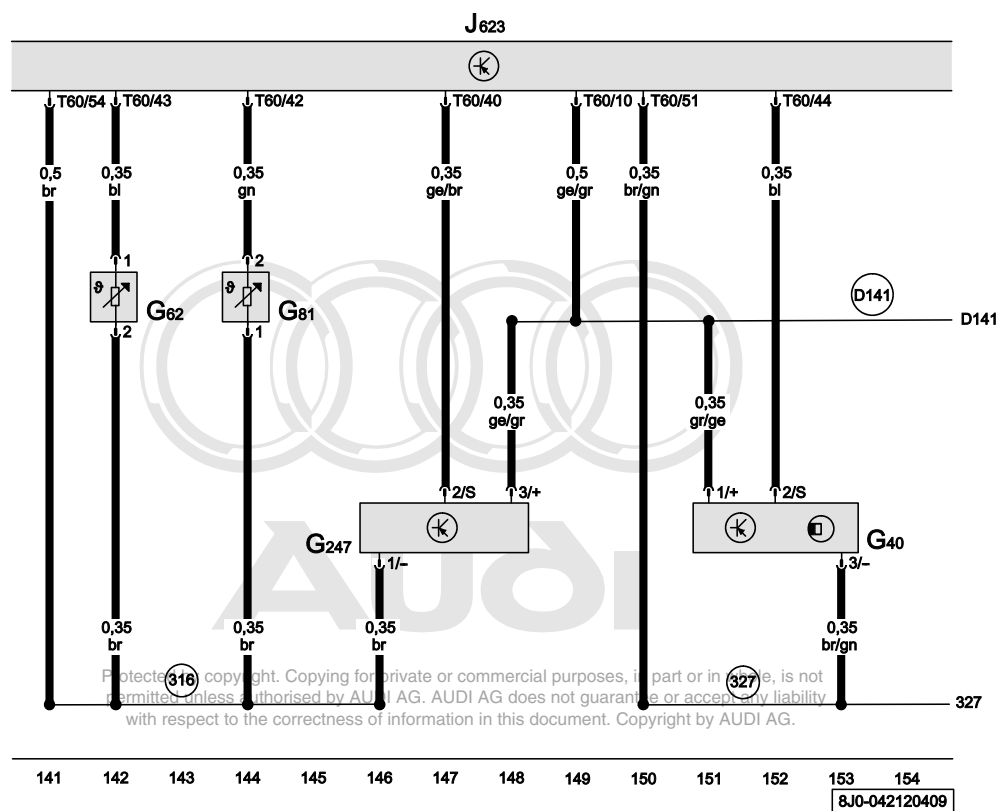
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Produced by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine control unit, coolant temperature sender, fuel temperature sender, fuel pressure sender, Hall sender

- G40 Hall sender
- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J623 Engine control unit
- T60 60-pin connector, on engine control unit

- 316 Earth connection (sender earth 2), in engine wiring harness
- 327 Earth connection (sender earth), in engine compartment wiring harness
- D141 Connection (5V), in engine wiring harness





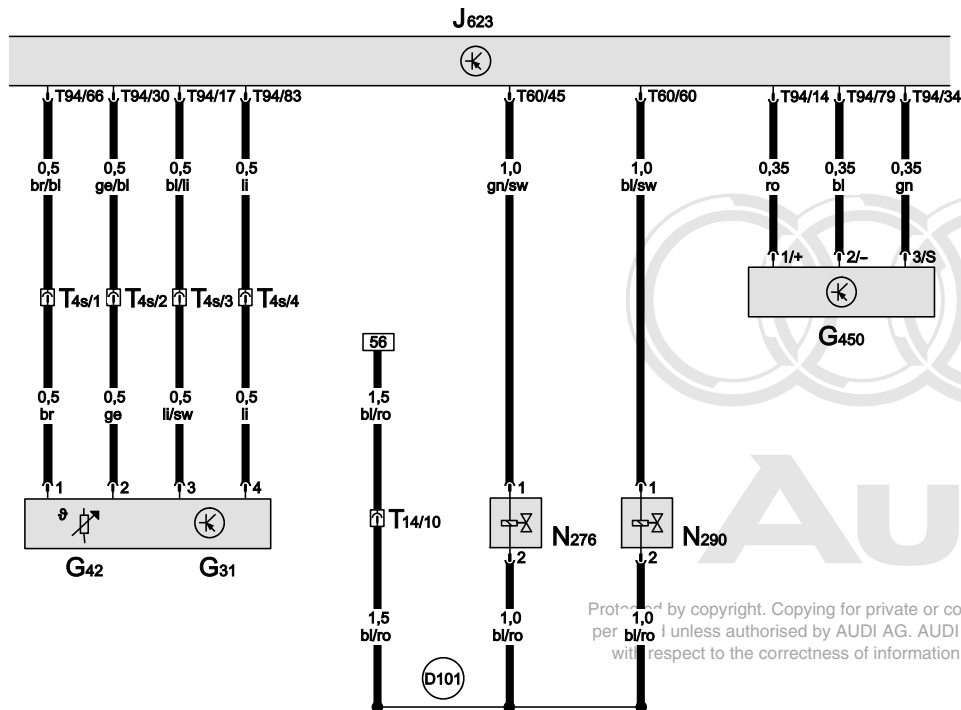
(D141) Connection (5V), in engine wiring harness

8J0-042130808

Engine control unit, charge air pressure sender, intake air temperature sender, exhaust gas pressure sensor 1, fuel pressure regulating valve, fuel metering valve

- G31 Charge air pressure sender
- G42 Intake air temperature sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T4s 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

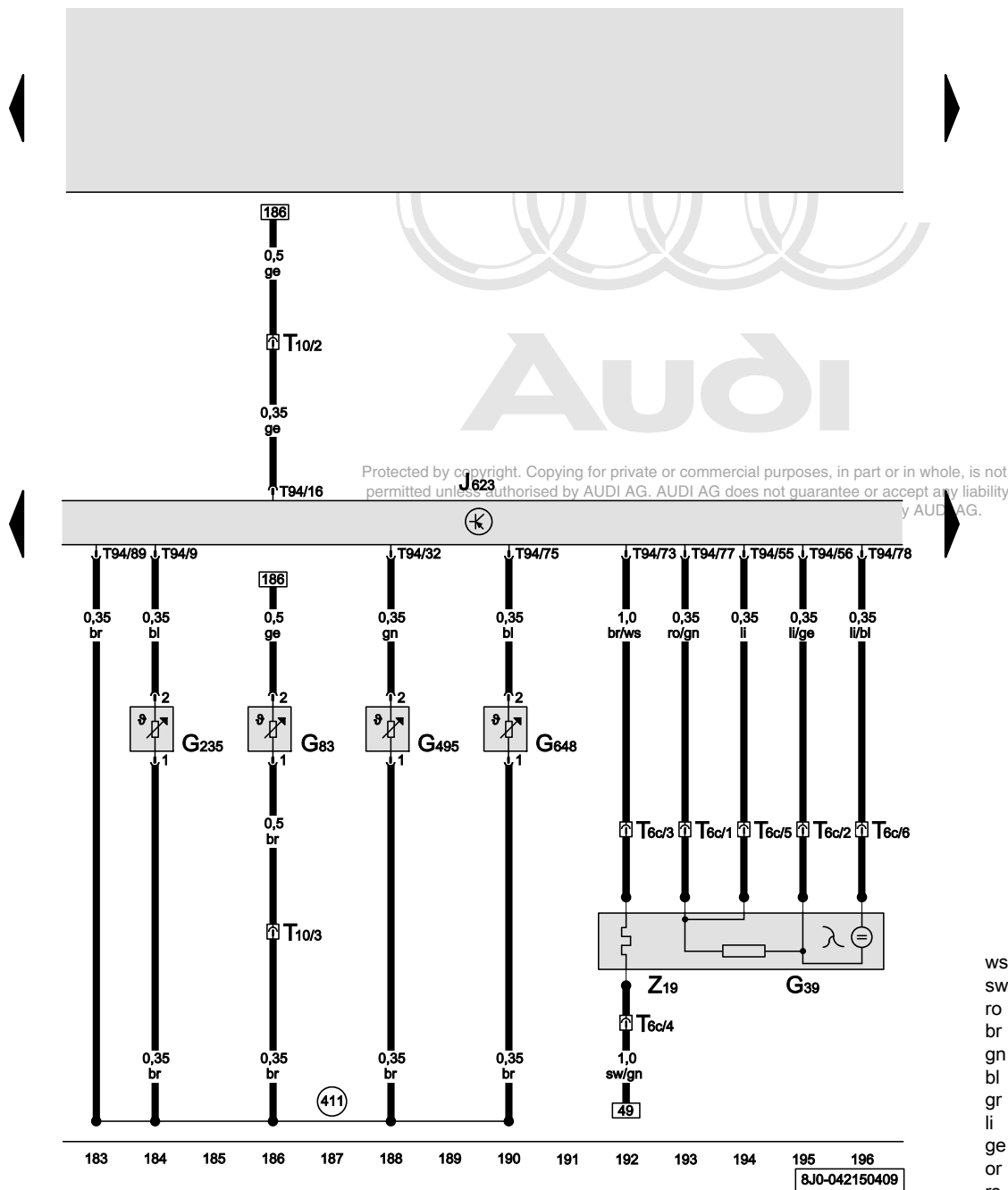
(D101) Connection 1, in engine compartment wiring harness



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

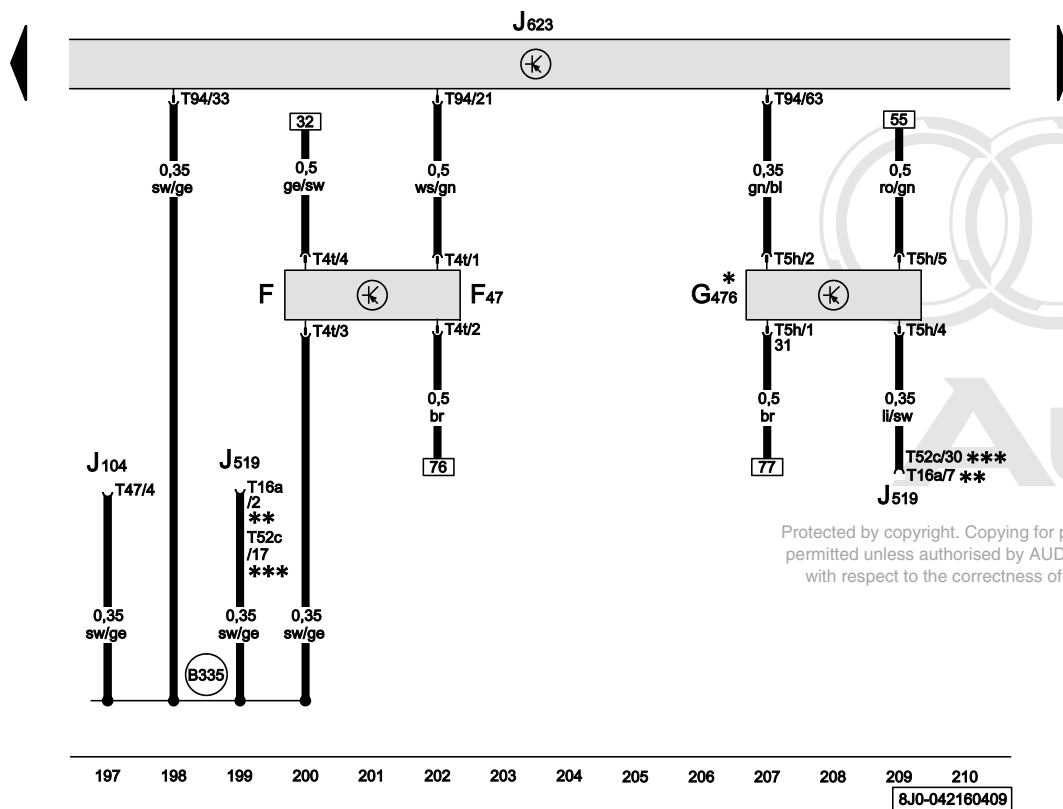
Engine control unit, lambda probe, radiator outlet coolant temperature sender, exhaust temperature sender 1, exhaust temperature sender 3, exhaust temperature sender 4

- G39 Lambda probe
- 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
- T6c 6-pin connector, black, on Lambda probe
- T10 10-pin connector, black, in front left engine compartment
- T94 94-pin connector, on engine control unit
- Z19 Lambda probe heater
- 411 Earth connection 2 (sender earth), in main wiring harness



Engine control unit, brake light switch, clutch position sender

- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T5h 5-pin connector, black, on clutch position sender
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- T94 94-pin connector, on engine control unit
- B335 Connection 1 (54), in main wiring harness
- * models with manual gearbox
- ** up to May 2009
- *** from June 2009



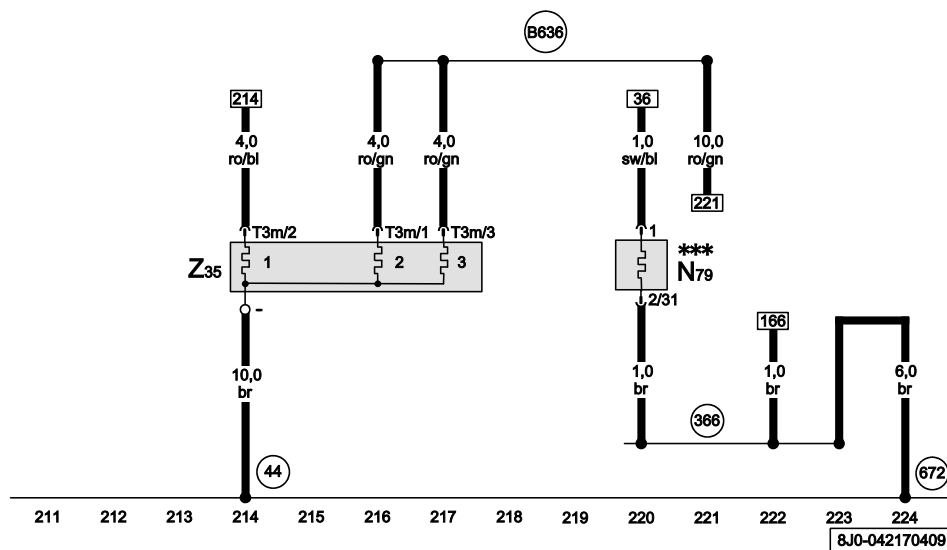
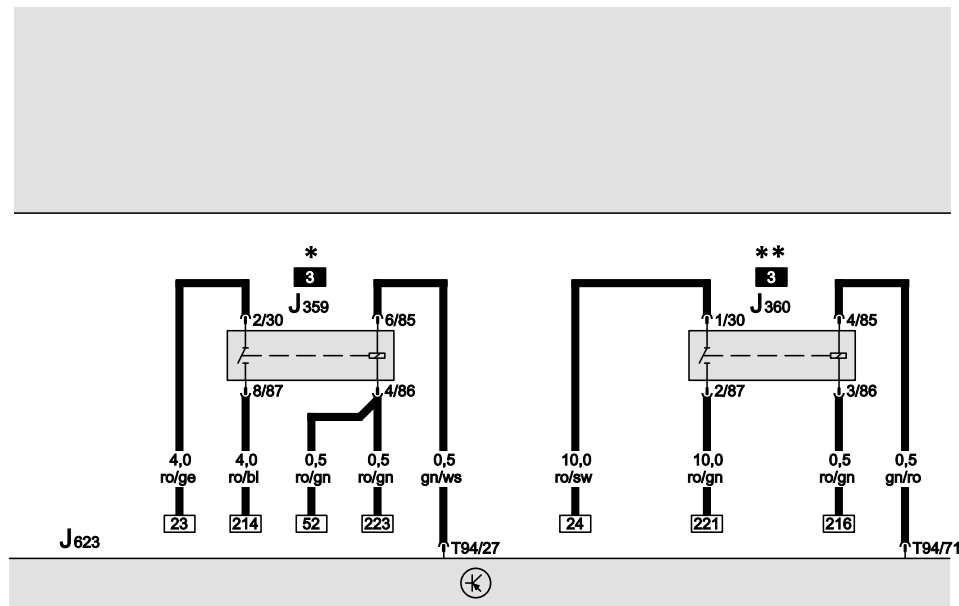
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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, low heat output relay, high heat output relay, heater element for crankcase breather, auxiliary air heater element

- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine control unit
- N79 Heater element for crankcase breather
- T3m 3-pin connector, on auxiliary air heater element
- T94 94-pin connector, on engine control unit
- Z35 Auxiliary heater element

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B636 Connection (supplementary heater) in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment
- ** Relay carrier on left under dash panel
- *** countries with cold climate only



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

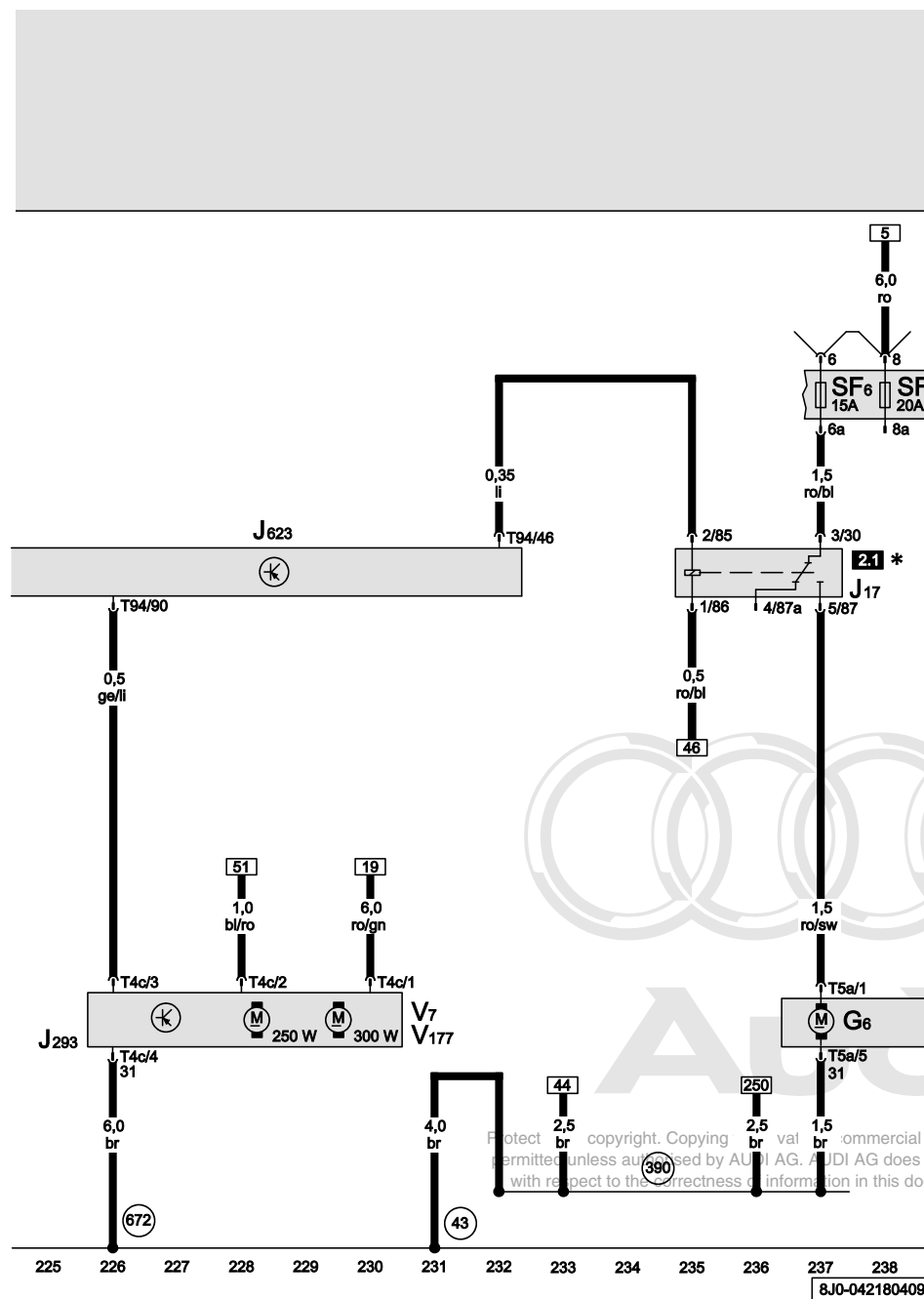
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine control unit, fuel pump relay, radiator fan control unit, radiator fan, radiator fan 2

- G6 Fuel system pressurisation pump
- J17 Fuel pump relay
- J293 Radiator fan control unit
- J623 Engine control unit
- SF6 Fuse 6 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T4c 4-pin connector, black, on radiator fan control unit
- T5a 5-pin connector, black, on fuel gauge sender
- T94 94-pin connector, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

- 43 Earth point, lower part of right A-pillar
- 390 Earth connection 25, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member

* Relay carrier on left under dash panel



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

Control unit in dash panel insert, fuel gauge sender, fuel gauge, high-pressure sender, fuel gauge sender 2

- G Fuel gauge sender
- G1 Fuel gauge
- G65 High pressure sender
- G169 Fuel gauge sender 2
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- T5a 5-pin connector, black, on fuel gauge sender
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

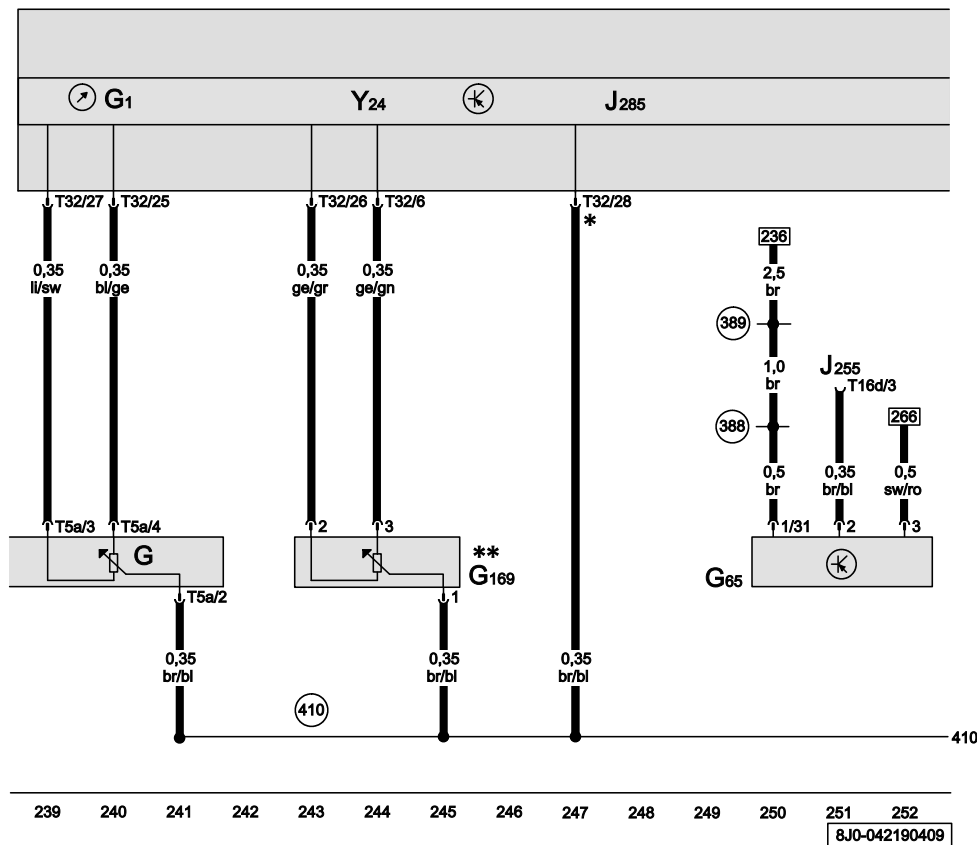
388 Earth connection 23, in main wiring harness

389 Earth connection 24, in main wiring harness

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

- * output sender earth
- ** models with four-wheel drive

Protected by copyright. Copying for private or commercial purposes without the express written permission of AUDI AG is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

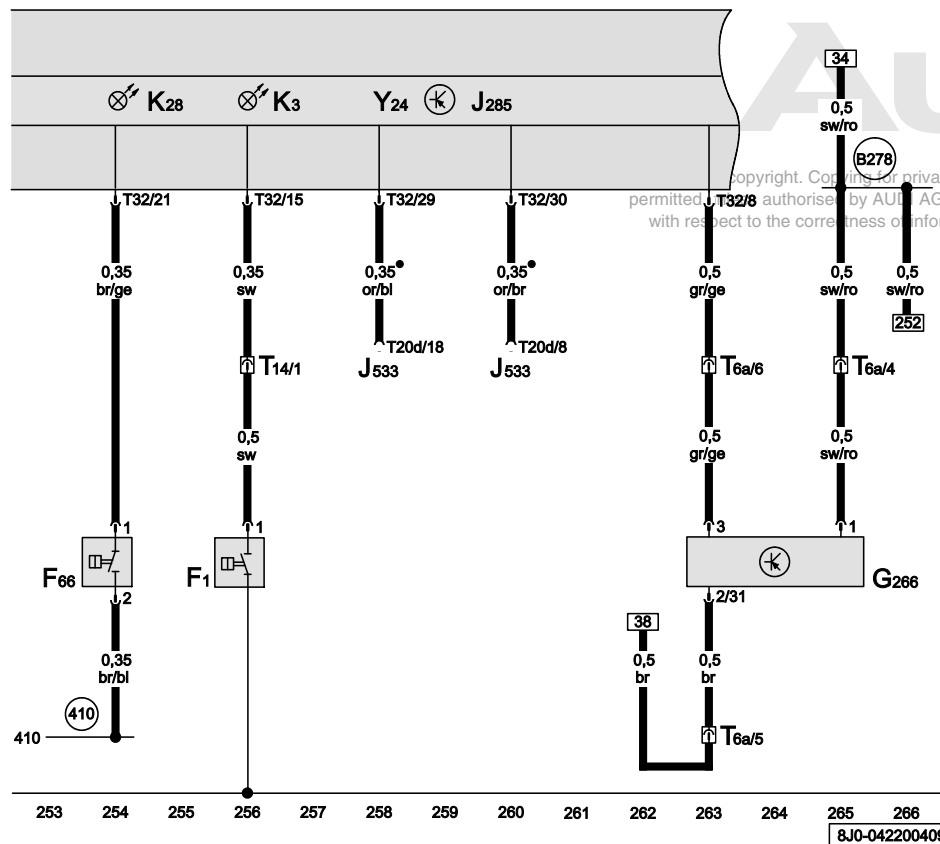
Control unit in dash panel insert, oil pressure switch, coolant shortage indicator switch, oil level and oil temperature sender

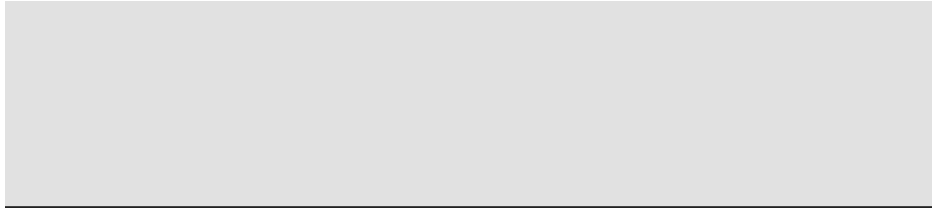
- F1 Oil pressure switch
- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- T6a 6-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

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

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

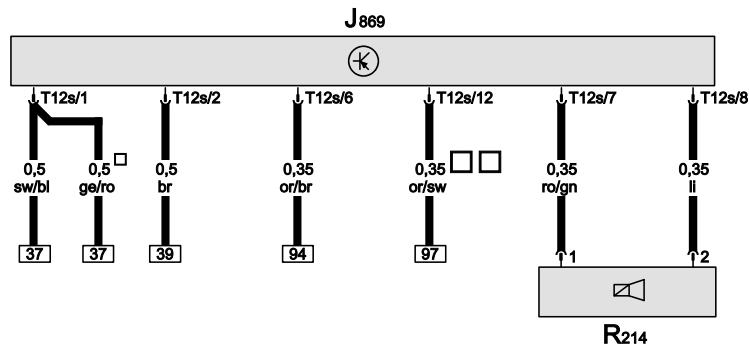
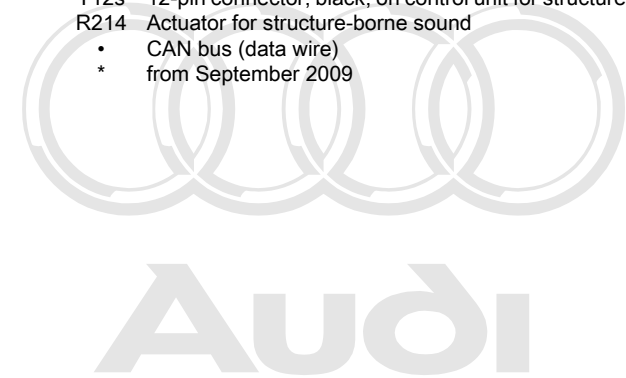
- CAN bus (data wire)





Control unit for structure-borne sound, actuator for structure-borne sound

- J869 Control unit for structure-borne sound
- T12s 12-pin connector, black, on control unit for structure-borne sound
- R214 Actuator for structure-borne sound
 - CAN bus (data wire)
 - * from September 2009



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

1.8 l - Fuel injection engine (118 kW - TFSI - 4 cylinder), engine code CDAA

from September 2008

2.0 l - Fuel injection engine (147 kW - TFSI - 4 cylinder), engine code CCZA

from September 2008

2.0 l - Fuel injection engine (147 kW - TFSI - 4 cylinder), engine code CCTA

from September 2008

Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

◆ Fault Finding Programs

⇒ guided fault finding

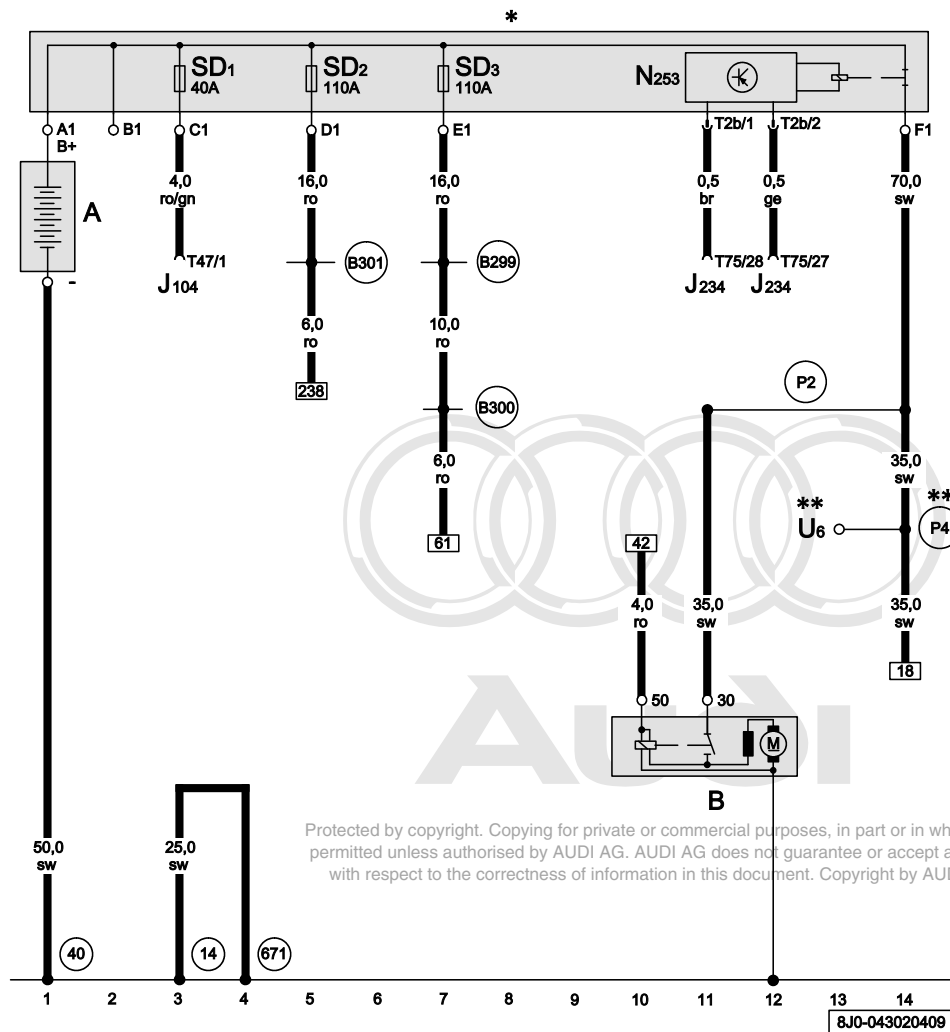
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2b 2-pin connector, purple, on battery isolation igniter
- T47 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- U6 Slave start socket

- 14 Earth point, on gearbox
- 40 Earth point, under rear right seat
- 671 Earth point 1, on front of left longitudinal member
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30), in battery wiring harness

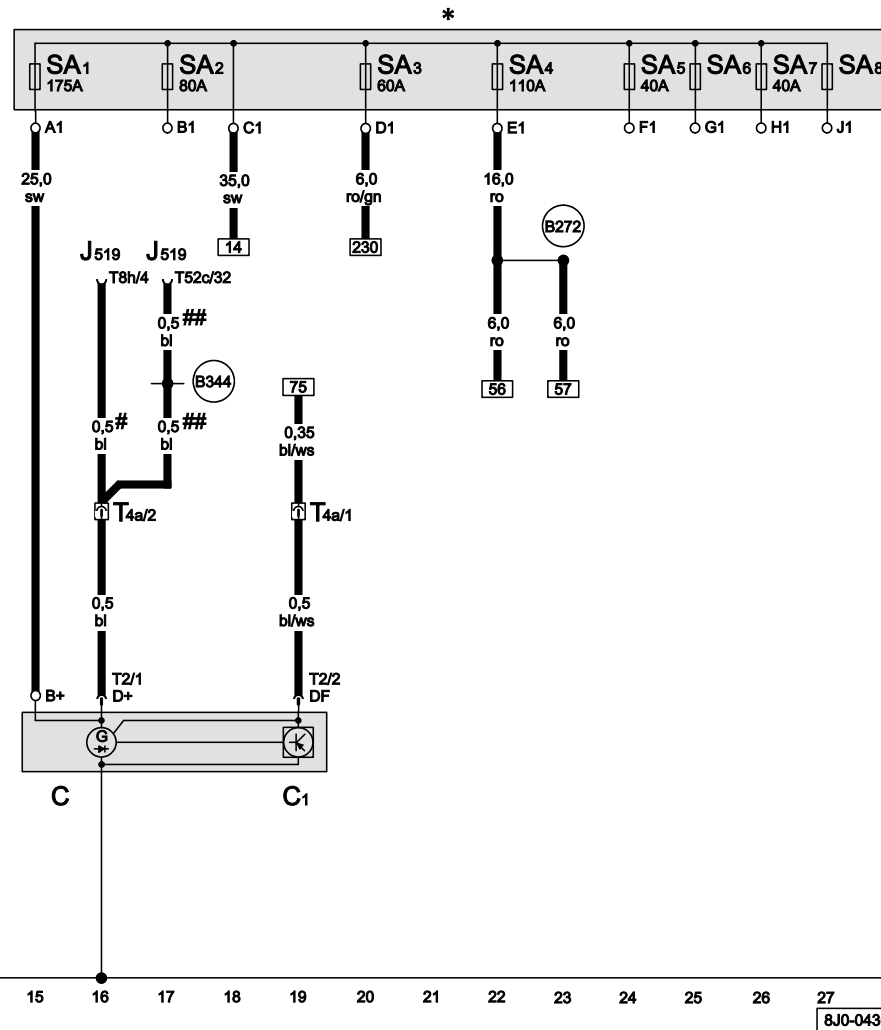
- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket



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

Alternator, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B272 Positive connection (30), in main wiring harness
- B344 Connection 1 (61), in main wiring harness
- * Main fuse holder, electronics box, in front left engine compartment
- # up to May 2009
- ## from June 2009

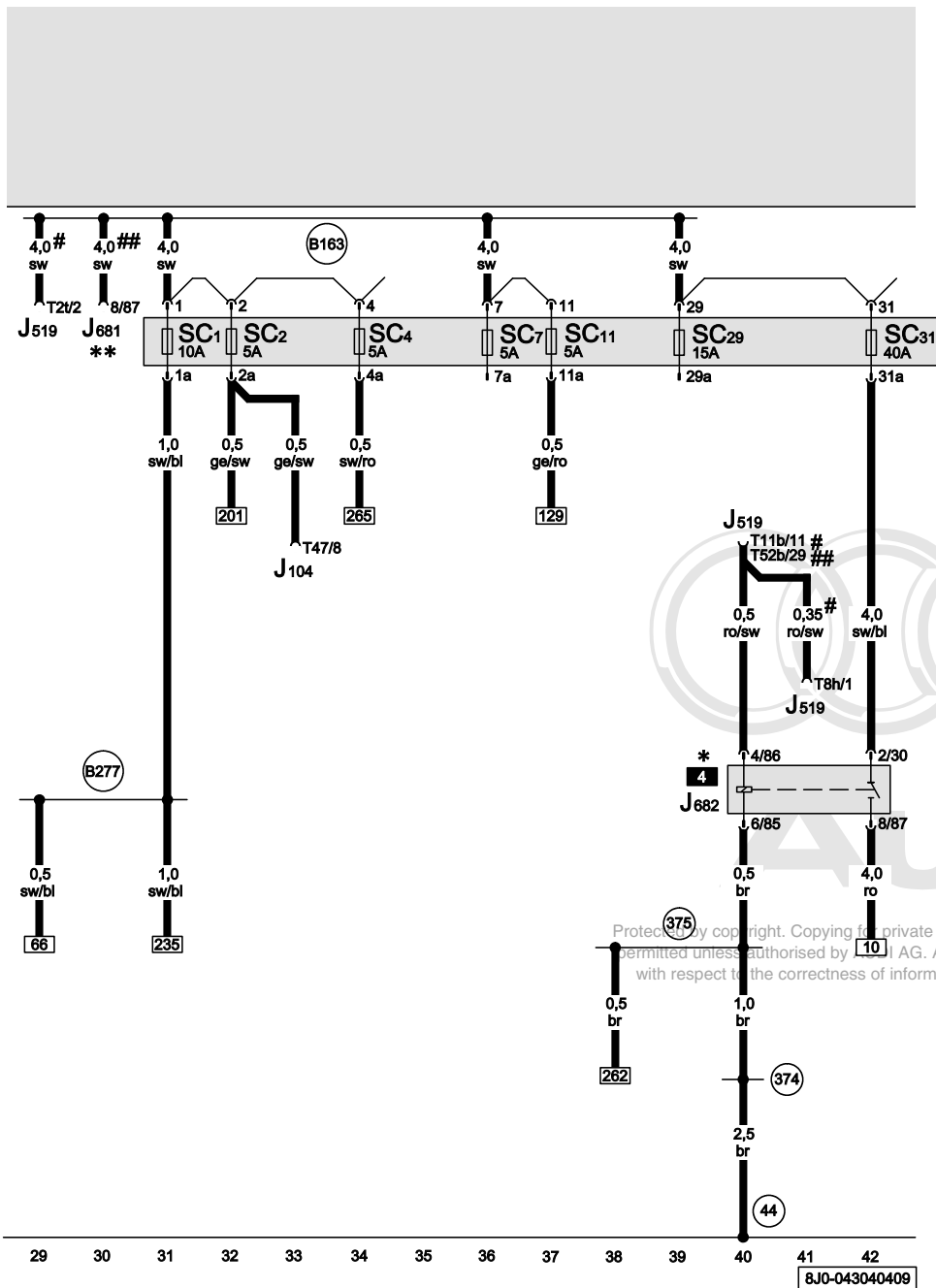


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

8J0-043030409

Terminal 50 voltage supply relay, fuses

- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B277 Positive connection 1 (15a), in main wiring harness
- * Relay carrier under left dash panel
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009



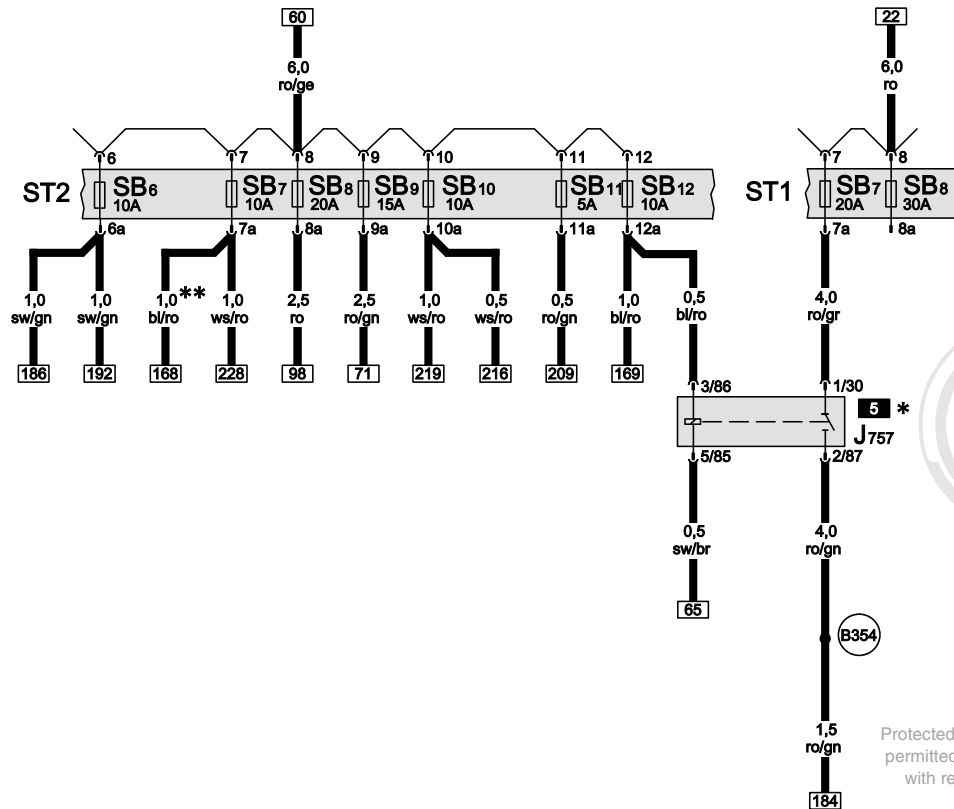
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine component current supply relay, fuses

- J757 Engine component current supply relay
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B

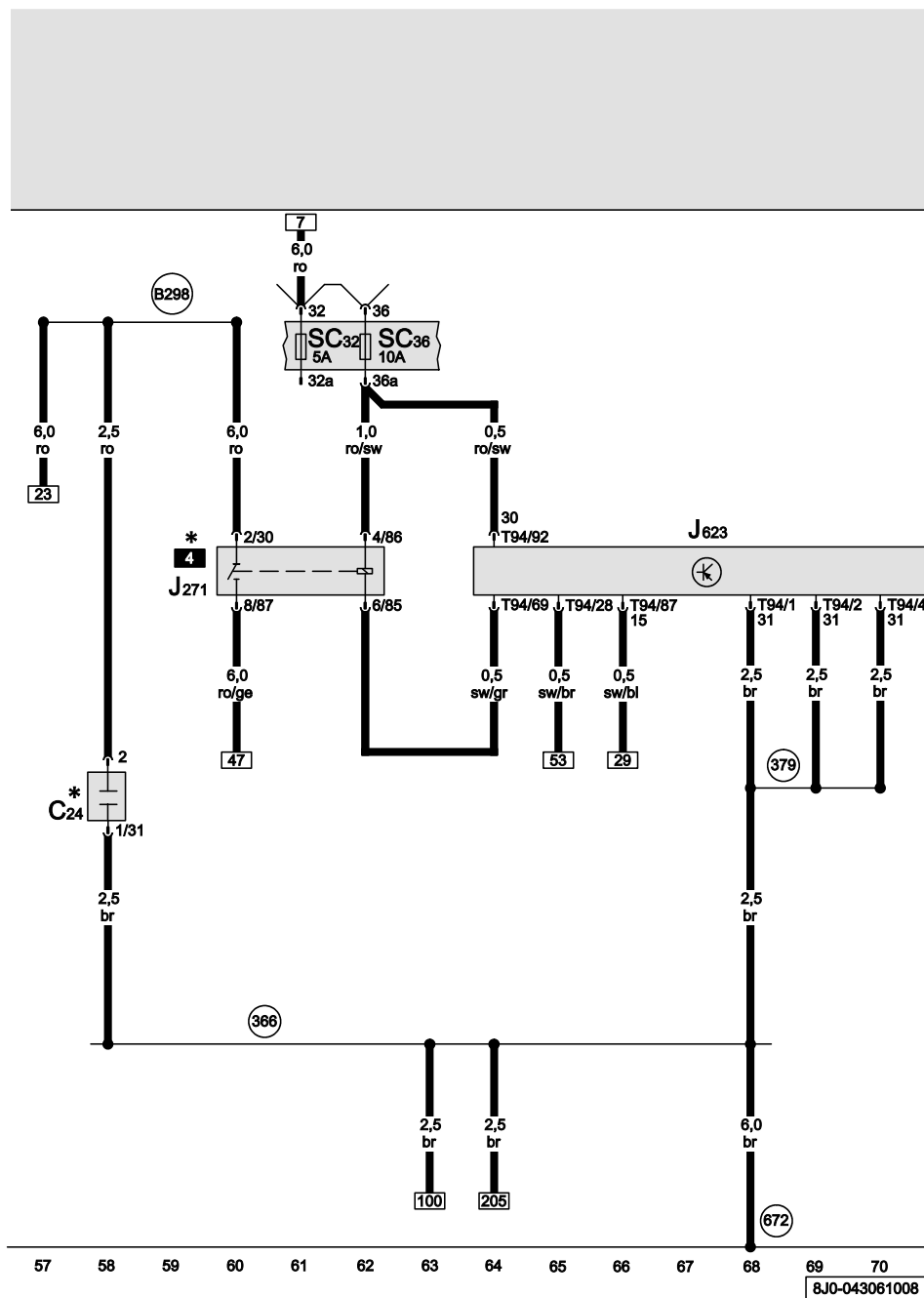
(B354) Positive connection 5 (87a), in main wiring harness

- * Relay and fuse carrier in electronics box engine compartment
- ** models with fuel system diagnostic pump



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



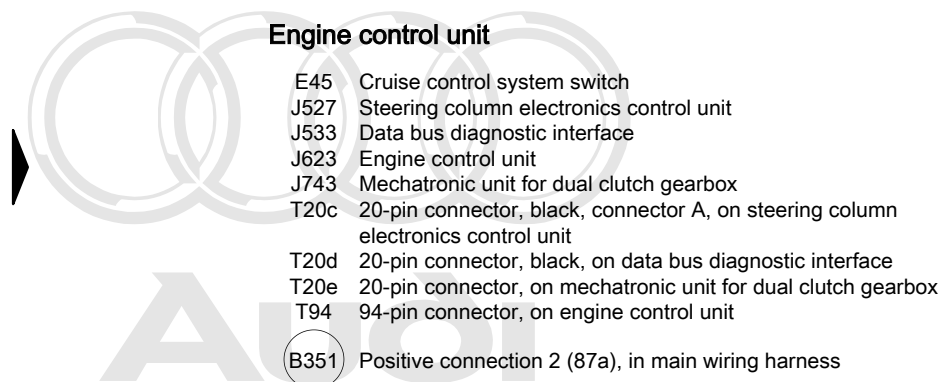
Engine control unit, Motronic current supply relay, suppression filter

- C24 Suppression filter
- J271 Motronic current supply relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector, on engine control unit
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B298 Positive connection 2 (30), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment



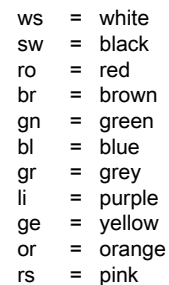
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



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

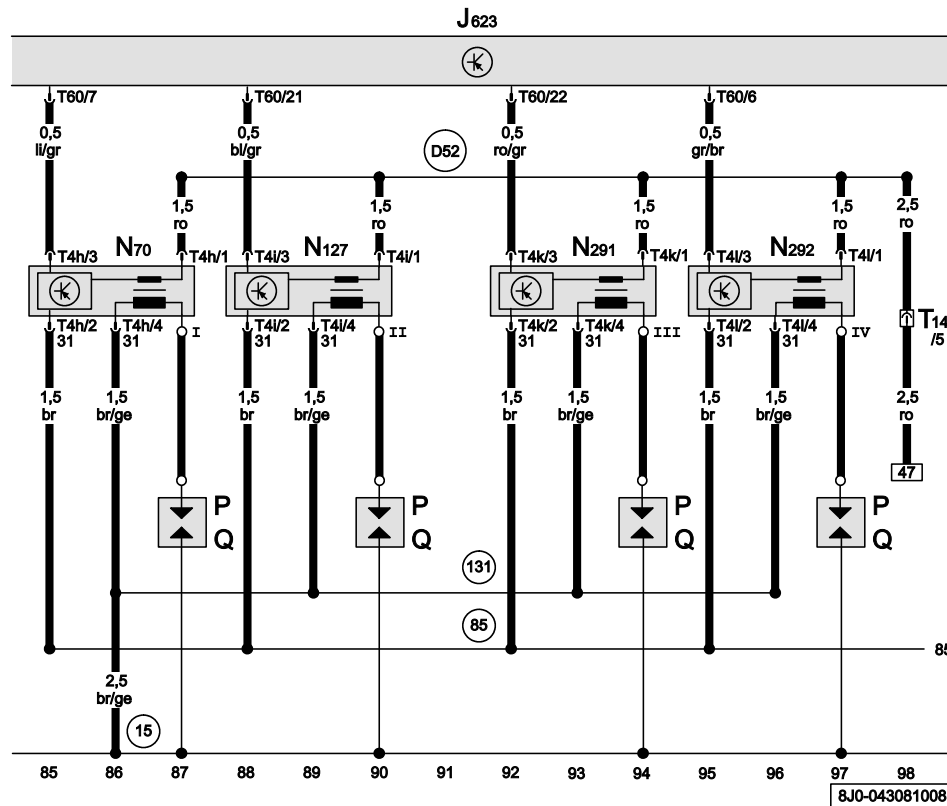
- CAN bus (data wire)
- * models with direct shift gearbox 02E
- ** models with cruise control system



Engine control unit, ignition coil 1 up to 4 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4h 4-pin connector, black, on ignition coil 1 with output stage
- T4i 4-pin connector, black, on ignition coil 2 with output stage
- T4k 4-pin connector, black, on ignition coil 3 with output stage
- T4l 4-pin connector, black, on ignition coil 4 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit

- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

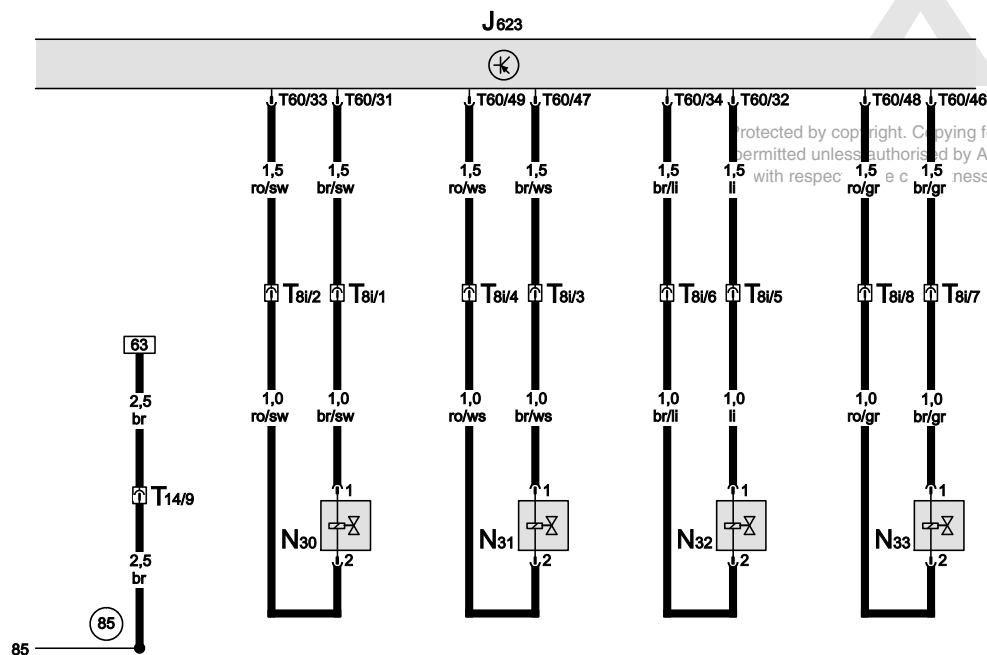


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine control unit, injector cylinder 1 up to 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T8i 8-pin connector, black, near injectors
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- 85 Earth connection 1, in engine compartment wiring harness



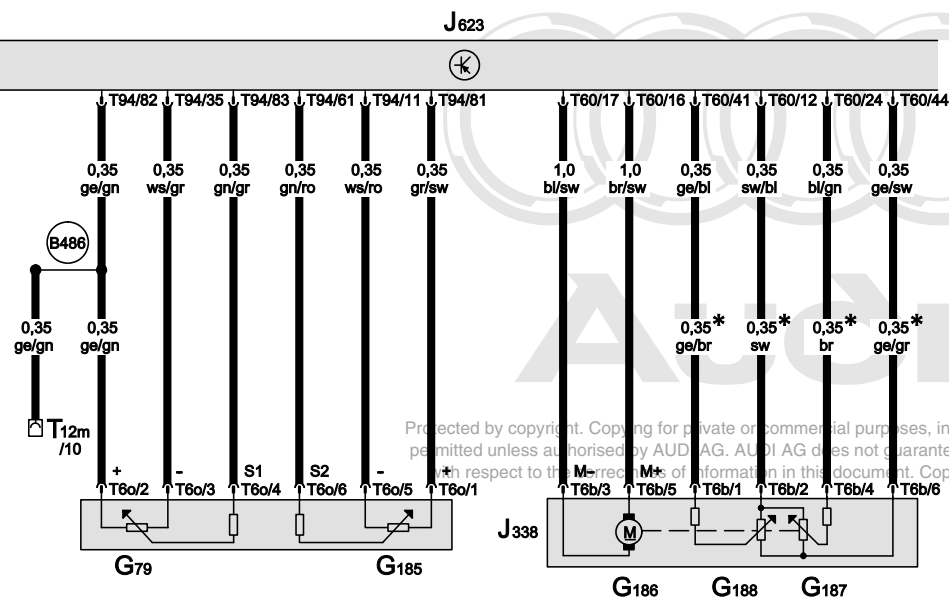
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, throttle valve module, accelerator position sender

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- 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
- T6b 6-pin connector, black, on throttle valve module
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

B486 Connection 22 in main wiring harness

* phased-in modification



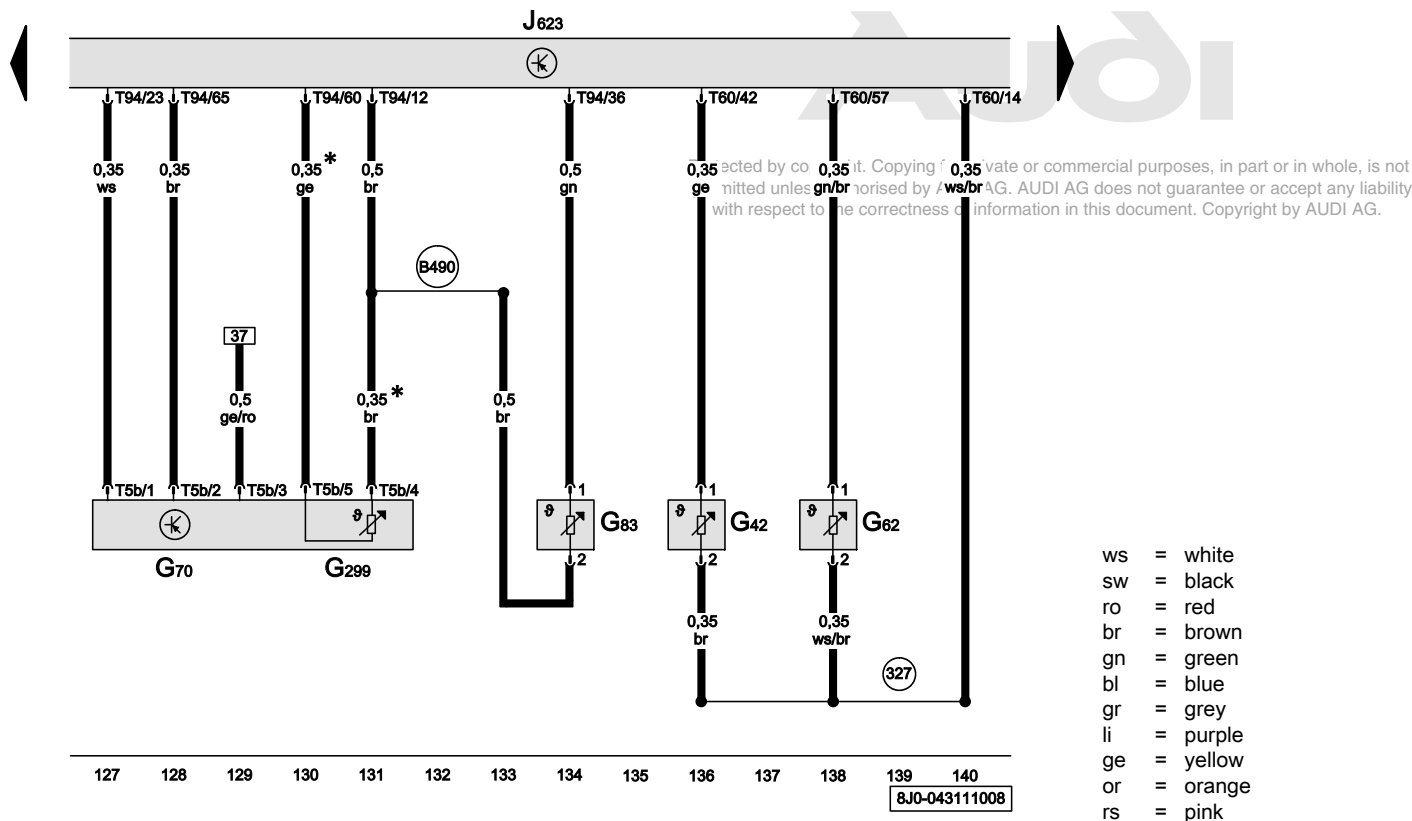
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit, radiator outlet coolant temperature sender, intake air temperature sender, coolant temperature sender, air mass meter

- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G70 Air mass meter
- G83 Radiator outlet coolant temperature sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- T5b 5-pin connector, black, on air mass meter
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- 327 Earth connection (sender earth), in engine compartment wiring harness

- B490 Connection 26 in main wiring harness

* not for USA



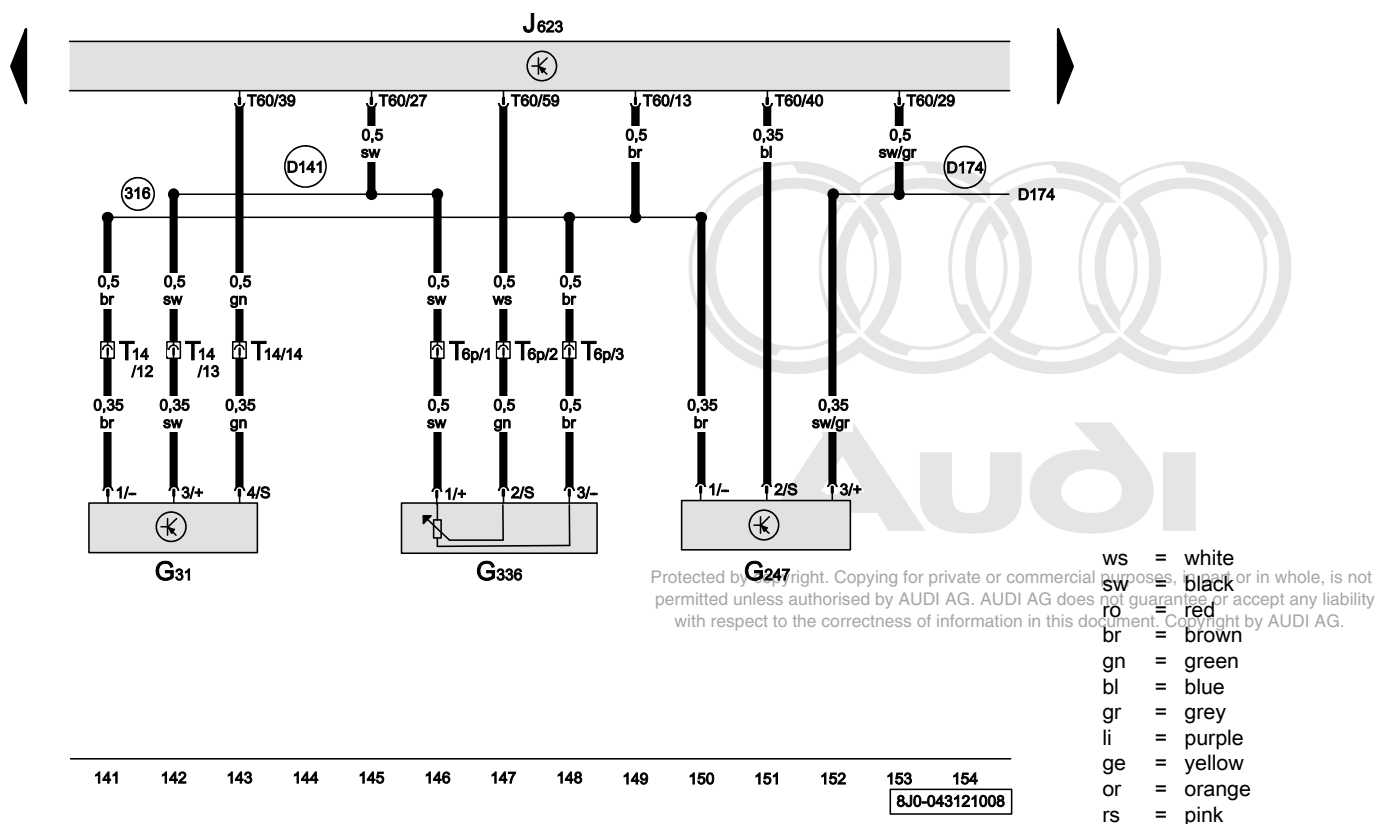
Engine control unit, charge air pressure sender, intake air temperature sender, intake manifold flap potentiometer, fuel pressure sender

- G31 Charge air pressure sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T6p 6-pin connector, black, on front of engine
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit

316 Earth connection (sender earth 2), in engine wiring harness

D141 Connection (5V), in engine wiring harness

D174 Connection 2 (5V), in engine wiring harness



Engine control unit, Hall sender, engine speed sender, knock sensor

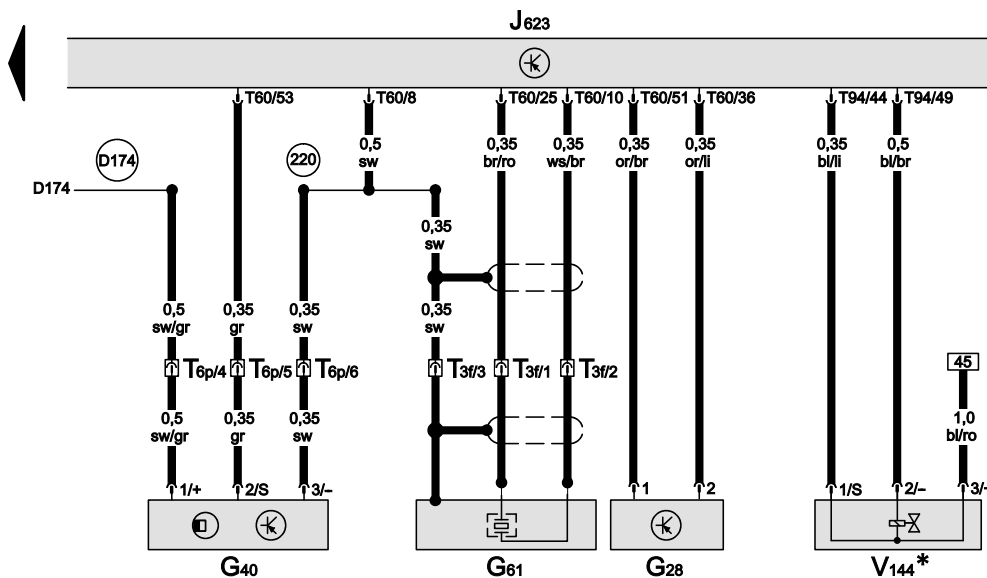
- G28 Engine speed sender
- G40 Hall sender
- G61 Knock sensor 1
- J623 Engine control unit
- T3f 3-pin connector, green, on knock sensor 1
- T6p 6-pin connector, black, on front of engine
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- V144 Fuel system diagnostic pump

220 Earth connection (sender earth), in engine wiring harness

D174 Connection 2 (5V), in engine wiring harness

* models with fuel system diagnostic pump

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

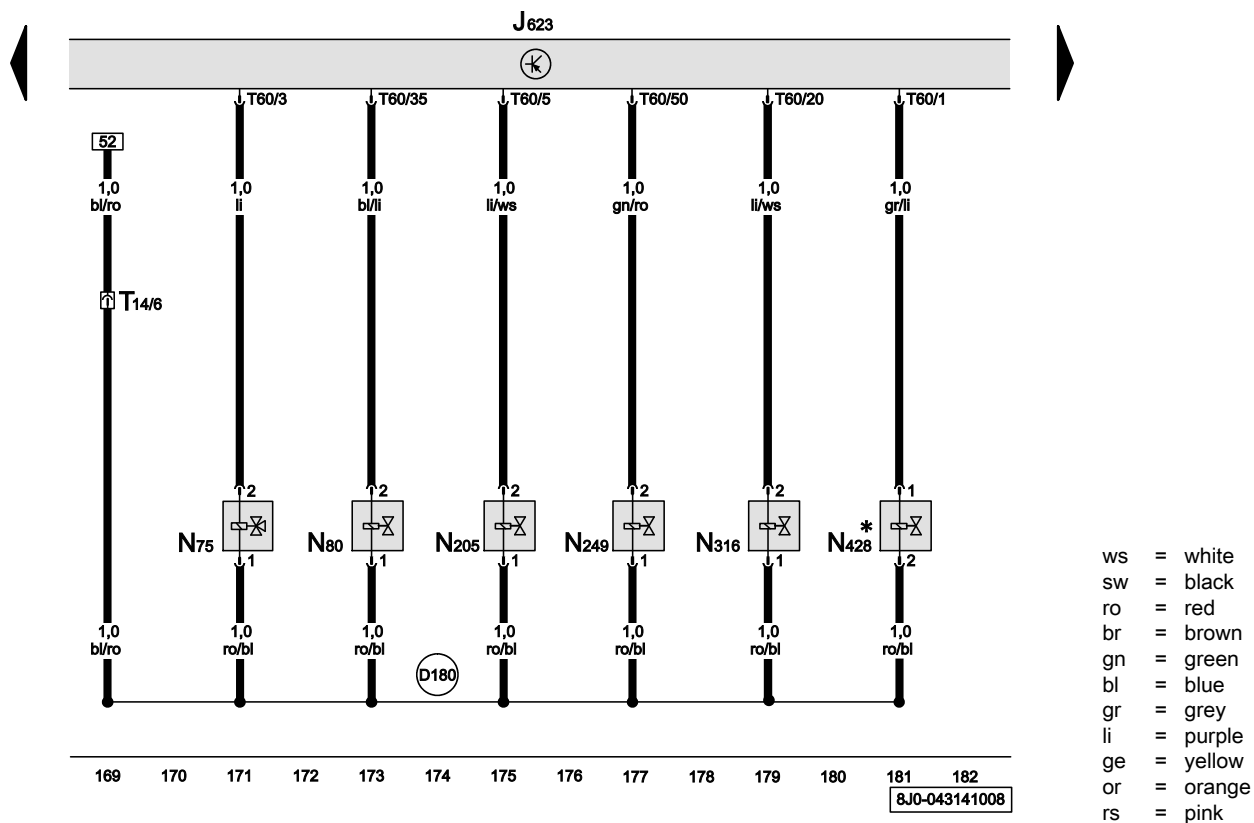


Engine control unit

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter system solenoid valve 1
- N205 Inlet camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- D180 Connection (87a), in engine compartment wiring harness

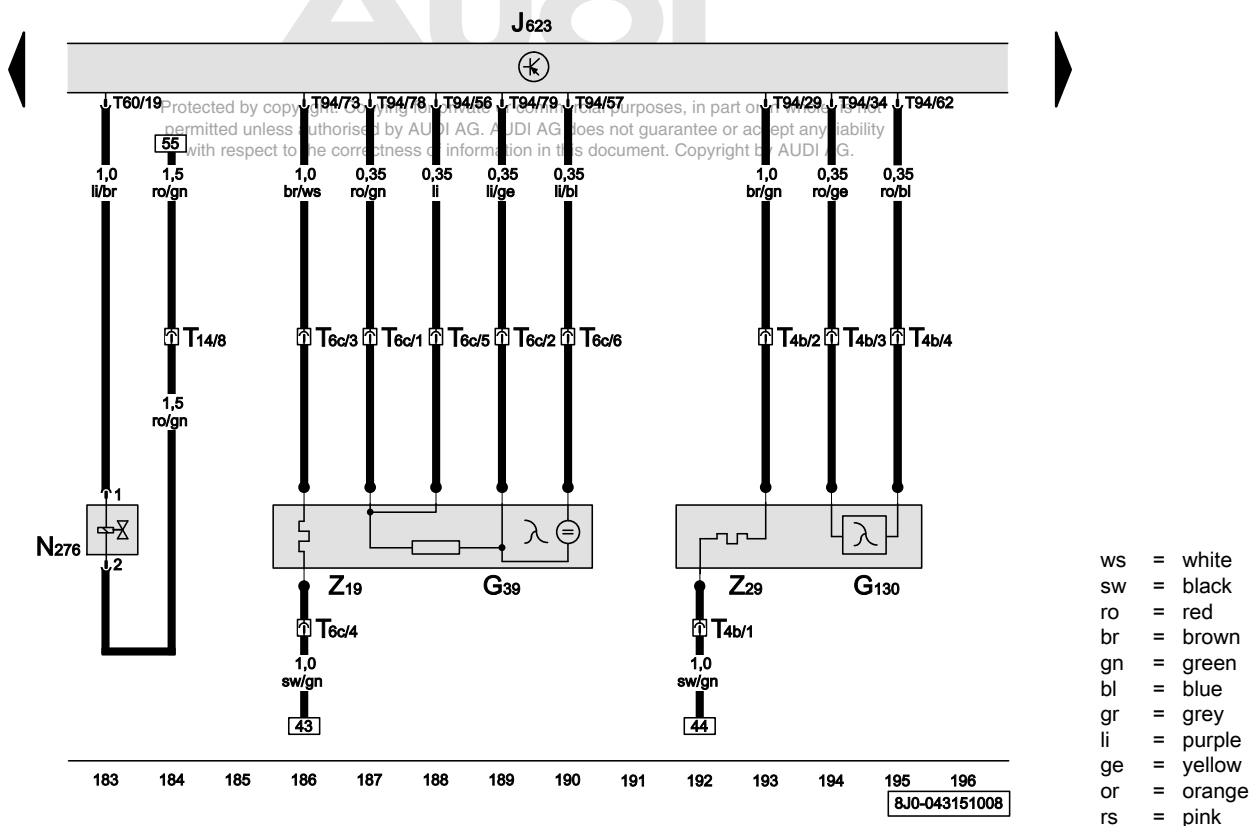
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

not for USA



Engine control unit, fuel pressure regulating valve, lambda probe, lambda probe after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- T4b 4-pin connector, black, on Lambda probe after catalytic converter
- T6c 6-pin connector, black, on Lambda probe
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter





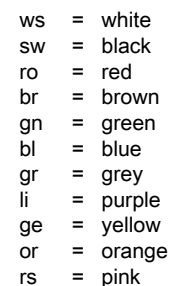
- | | |
|------|--|
| F | Brake light switch |
| F47 | Brake pedal switch |
| G476 | Clutch position sender |
| J104 | ABS control unit |
| J519 | Onboard supply control unit |
| J623 | Engine control unit |
| T4t | 4-pin connector, black, on brake light switch |
| T5h | 5-pin connector, black, on clutch position sender |
| T16a | 16-pin connector, black, connector E, on onboard power supply control unit |
| T47 | 47-pin connector, on ABS control unit |
| T52c | 52-pin connector, brown, on onboard supply control unit |
| T94 | 94-pin connector, on engine control unit |

372 Earth connection 7, in main wiring harness

372 Earth connection 7, in main wiring harness

(B335) Connection 1 (54), in main wiring harness

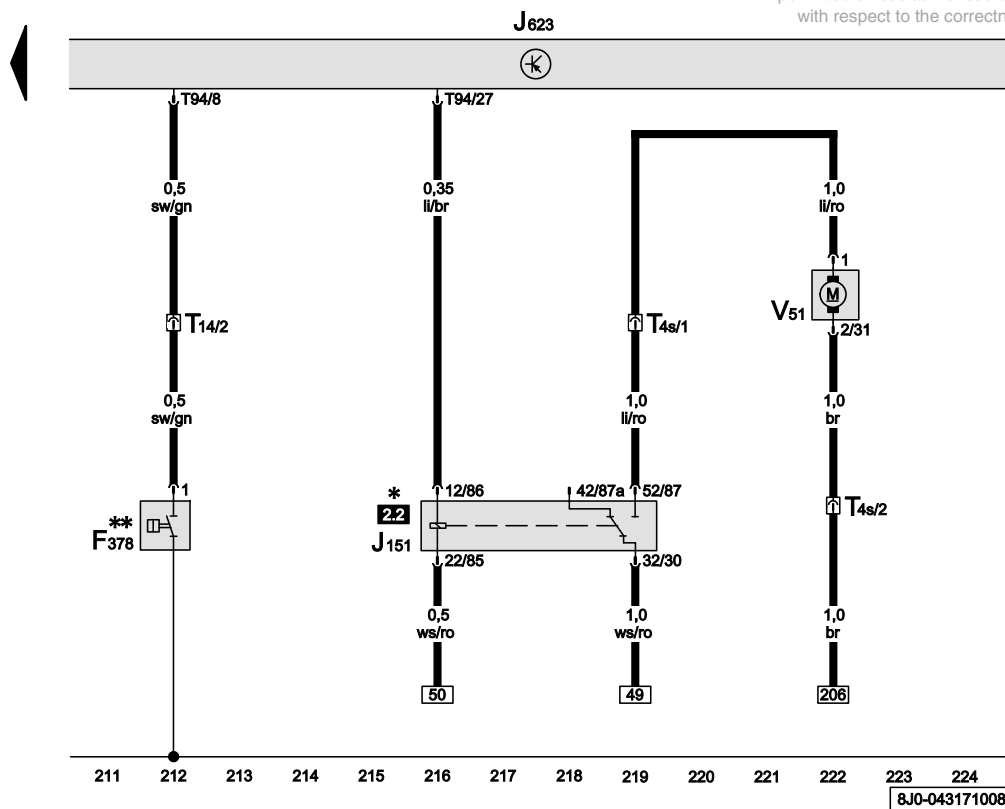
* models with manual gearbox
up to May 2009
from June 2009



Engine control unit, oil pressure switch for reduced oil pressure, continued coolant circulation relay, continued coolant circulation pump

- F378 Oil pressure switch for reduced oil pressure
- J151 Continued coolant circulation relay
- J623 Engine control unit
- T4s 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T94 94-pin connector, on engine control unit
- V51 Continued coolant circulation pump
- * Relay and fuse carrier in electronics box engine compartment
- ** not for USA

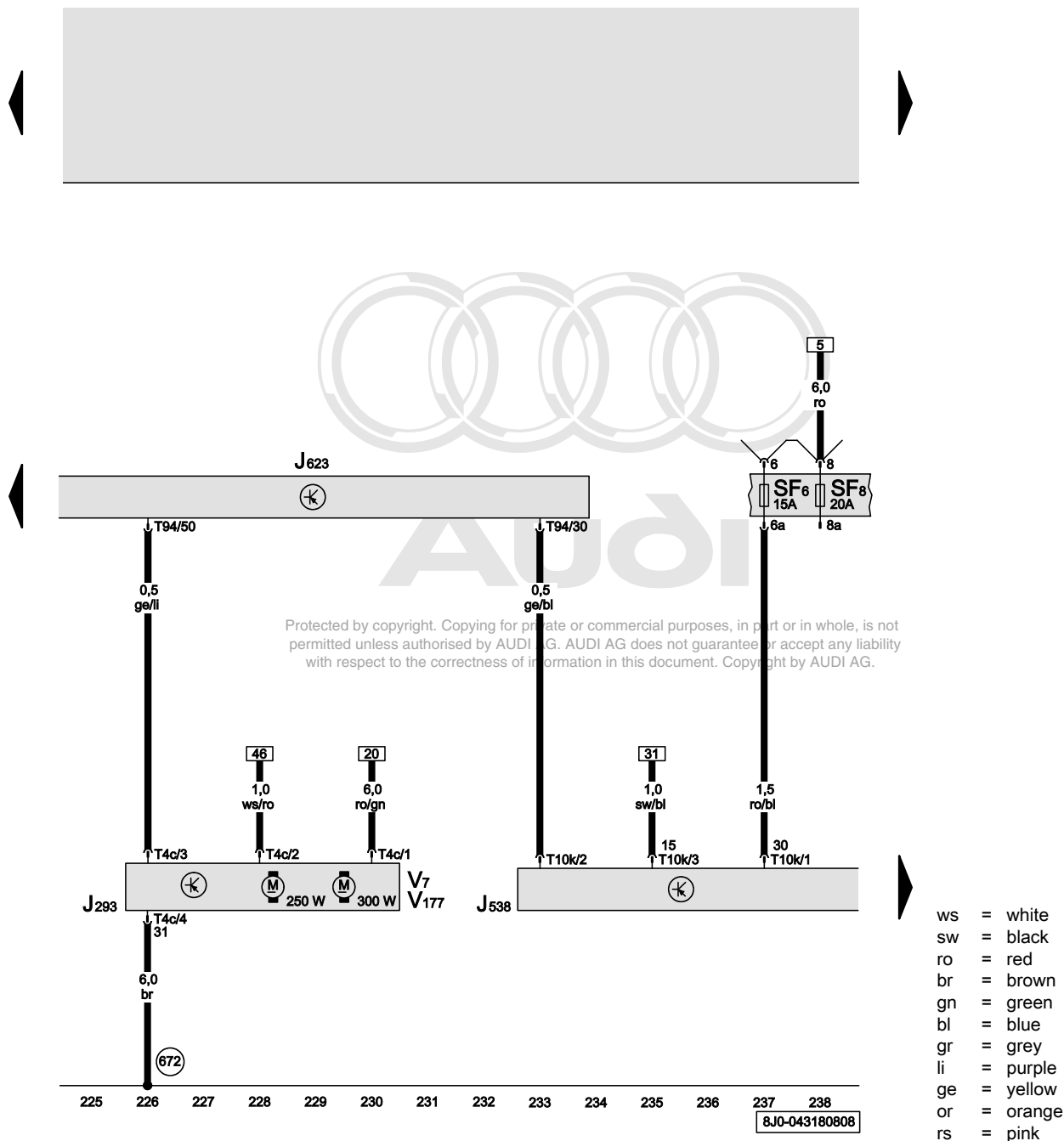
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Engine control unit, fuel pump control unit, radiator fan control unit, radiator fan

- J293 Radiator fan control unit
- J538 Fuel pump control unit
- J623 Engine control unit
- SF6 Fuse 6 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T4c 4-pin connector, black, on radiator fan control unit
- T10k 10-pin connector, black, on fuel pump control unit
- T94 94-pin connector, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

672 Earth point 2, on front of left longitudinal member

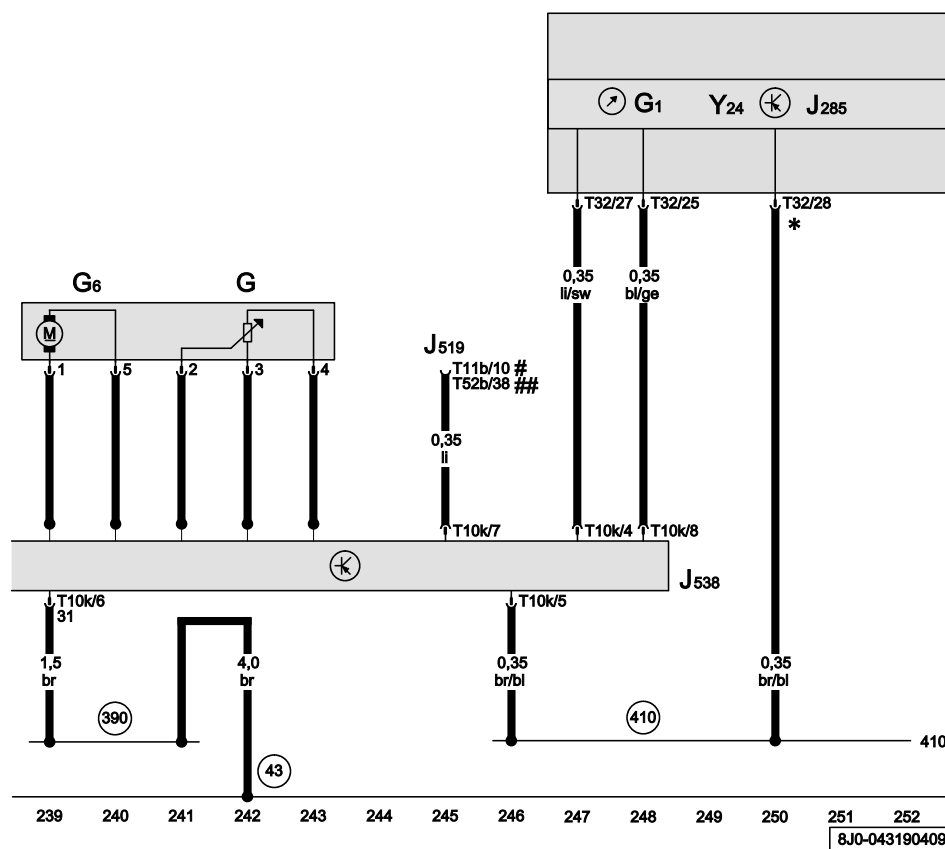


Control unit in dash panel insert, fuel pump control unit, fuel gauge sender, fuel gauge, fuel system pressurisation pump

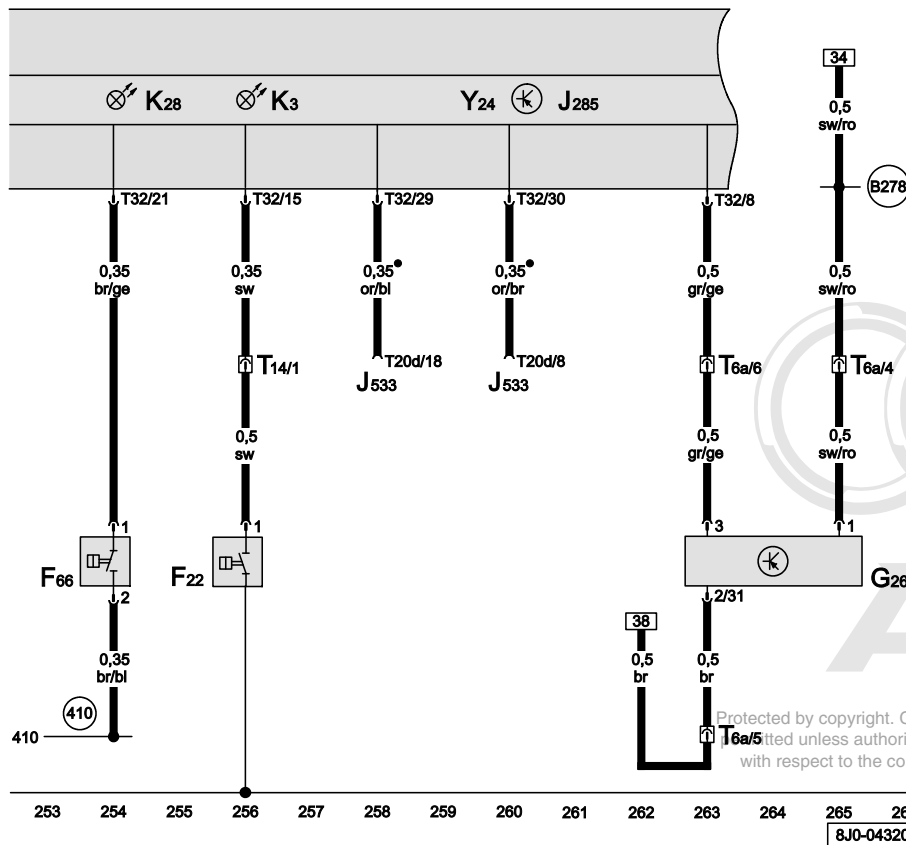
- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- T10k 10-pin connector, black, on fuel pump control unit
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T32 32-pin connector, blue, on control unit in dash panel insert
- T52b 52-pin connector, yellow, on onboard supply control unit
- Y24 Display in dash panel insert

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the express written consent of Audi AG. Audi AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 43 Earth point, lower part of right A-pillar
- 390 Earth connection 25, in main wiring harness
- 410 Earth connection 1 (sender earth), in main wiring harness
- * output sender earth
- # up to May 2009
- ## from June 2009



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



Control unit in dash panel insert, oil pressure switch, coolant shortage indicator switch, oil level and oil temperature sender, oil pressure warning lamp, coolant temperature and coolant shortage warning lamp

- F22 Oil pressure switch
- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- T6a 6-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

- 410 Earth connection 1 (sender earth), in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
 - CAN bus (data wire)

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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

8J0-043200409

Radio with standard soundsystem (9VD) Coupé

from February 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

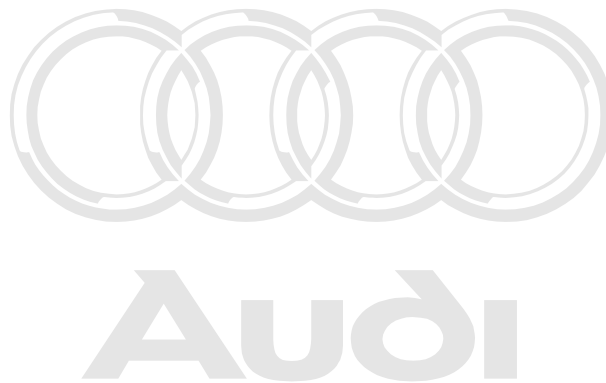
- ◆ Earth connections

⇒ List of Fitting Locations!

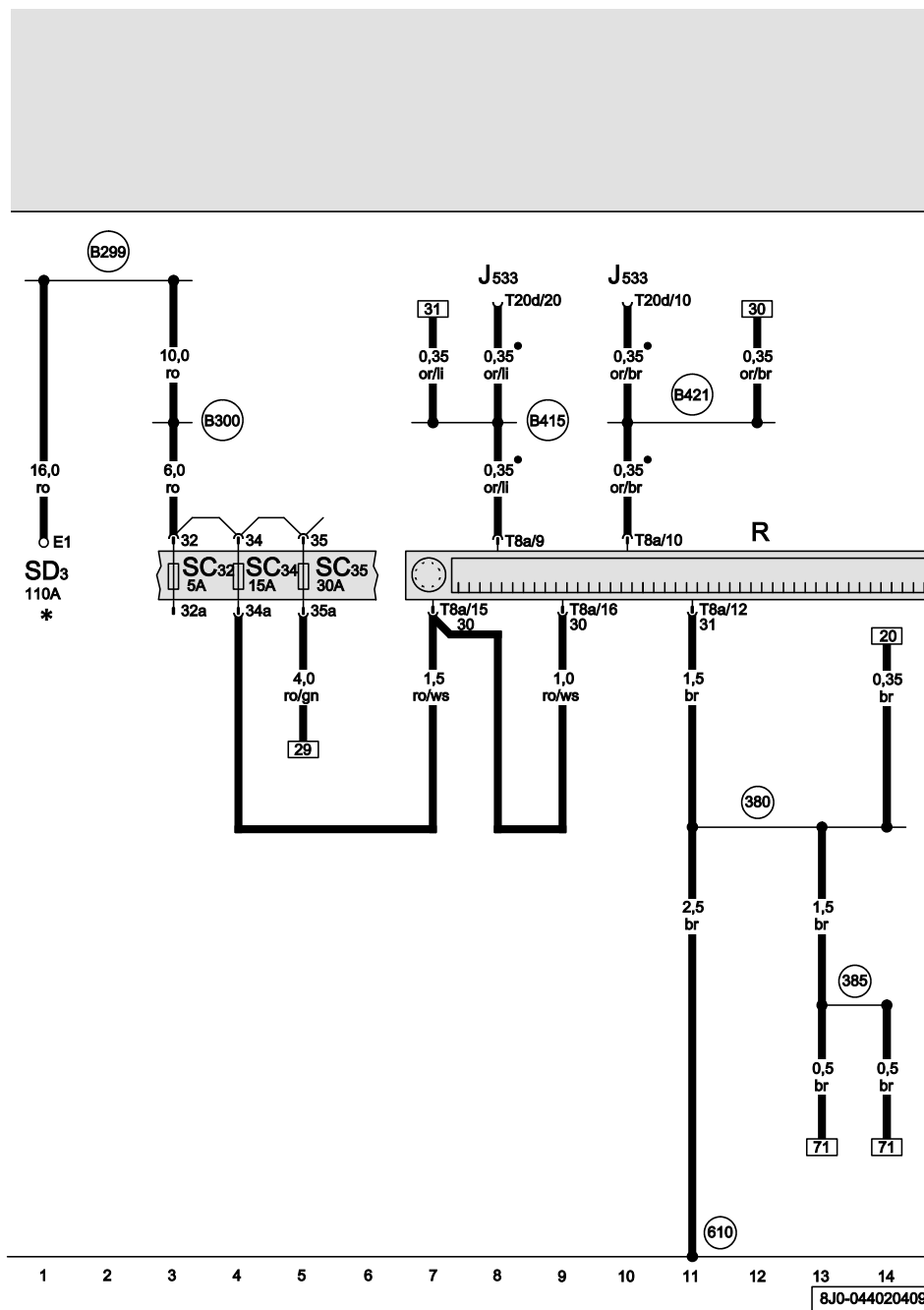
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface

380 Earth connection 15, in main wiring harness

385 Earth connection 20, in main wiring harness
 Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

610 Earth point (audio), under centre console, front

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B415 Connection 1 (infotainment CAN bus, high), in main wiring harness

B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

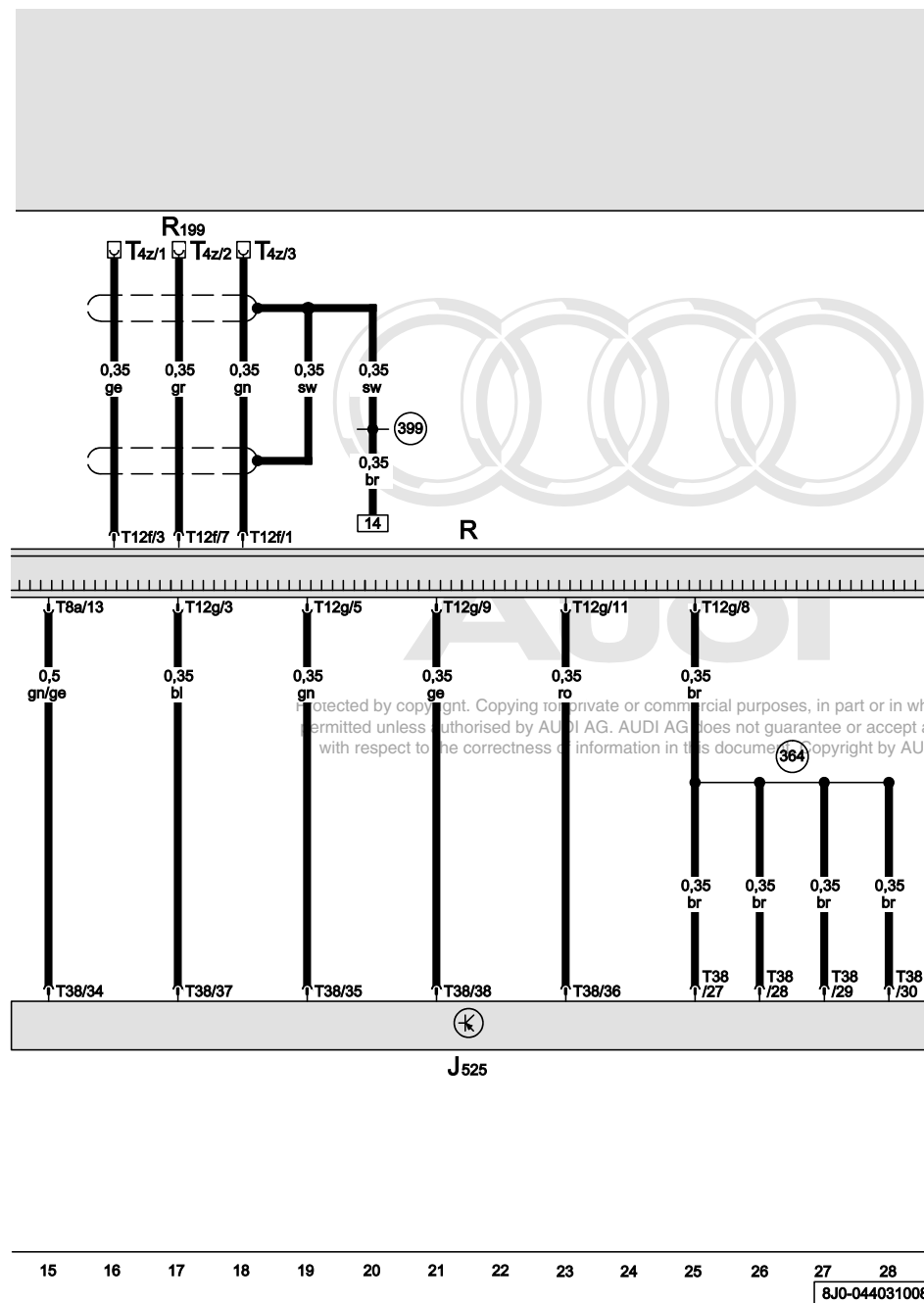
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
- R Radio
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T38 38-pin connector, black, on digital sound package control unit

364 Earth connection 1 (LF), in dash panel wiring harness

399 Earth connection 34, in main wiring harness



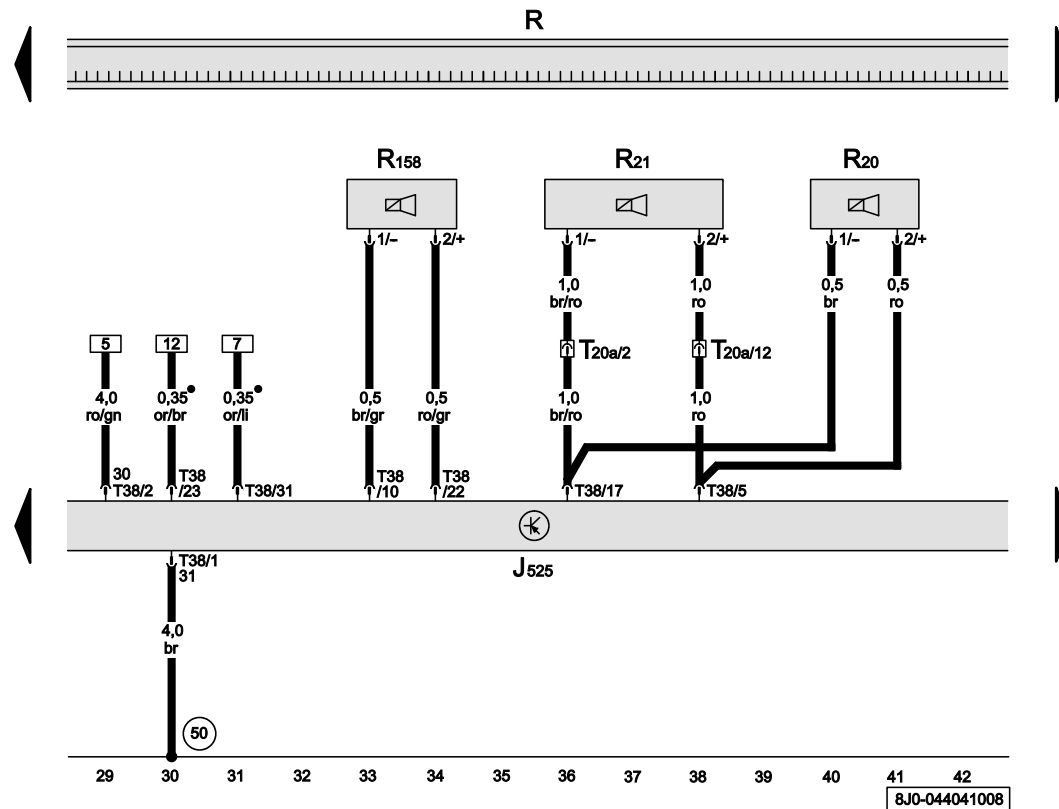
Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T38 38-pin connector, black, on digital sound package control unit

50 Earth point, on left in luggage compartment

- CAN bus (data wire)

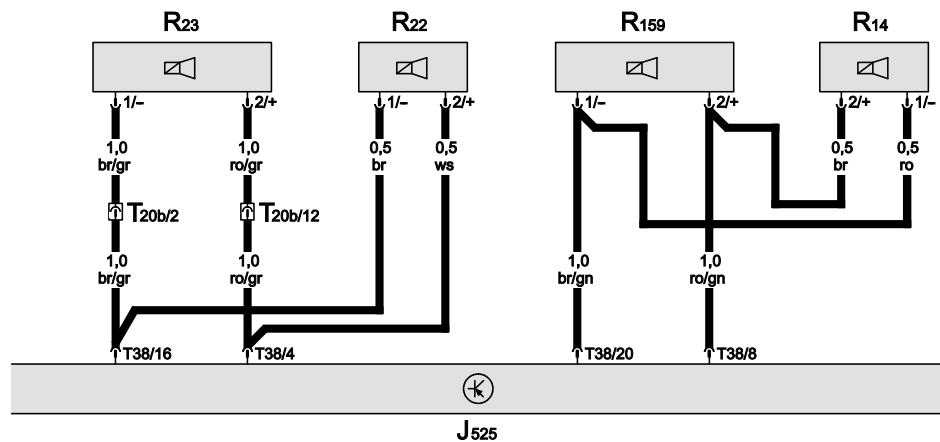
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right bass loudspeaker, rear left mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T38 38-pin connector, black, on digital sound package control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability



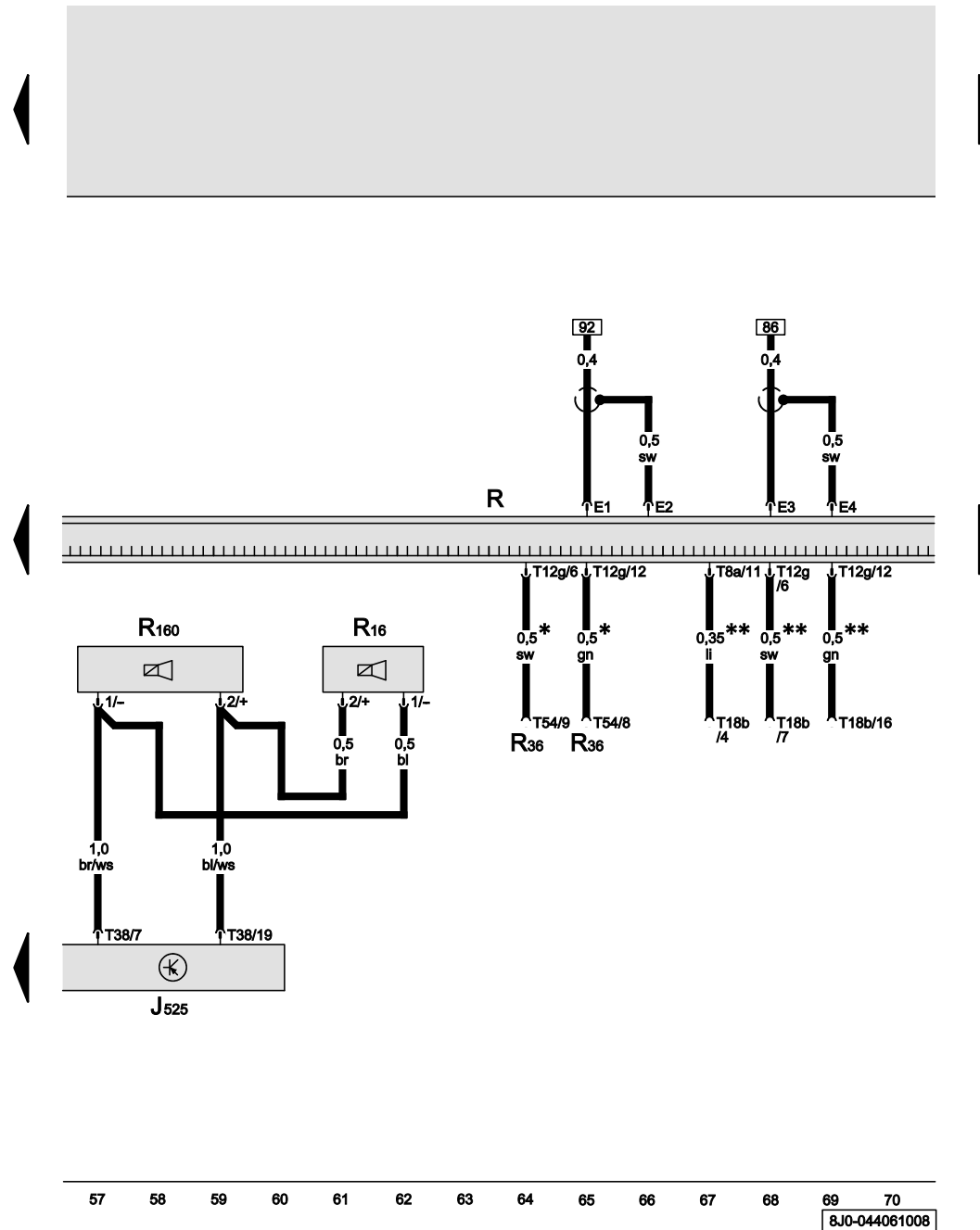
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit

- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)

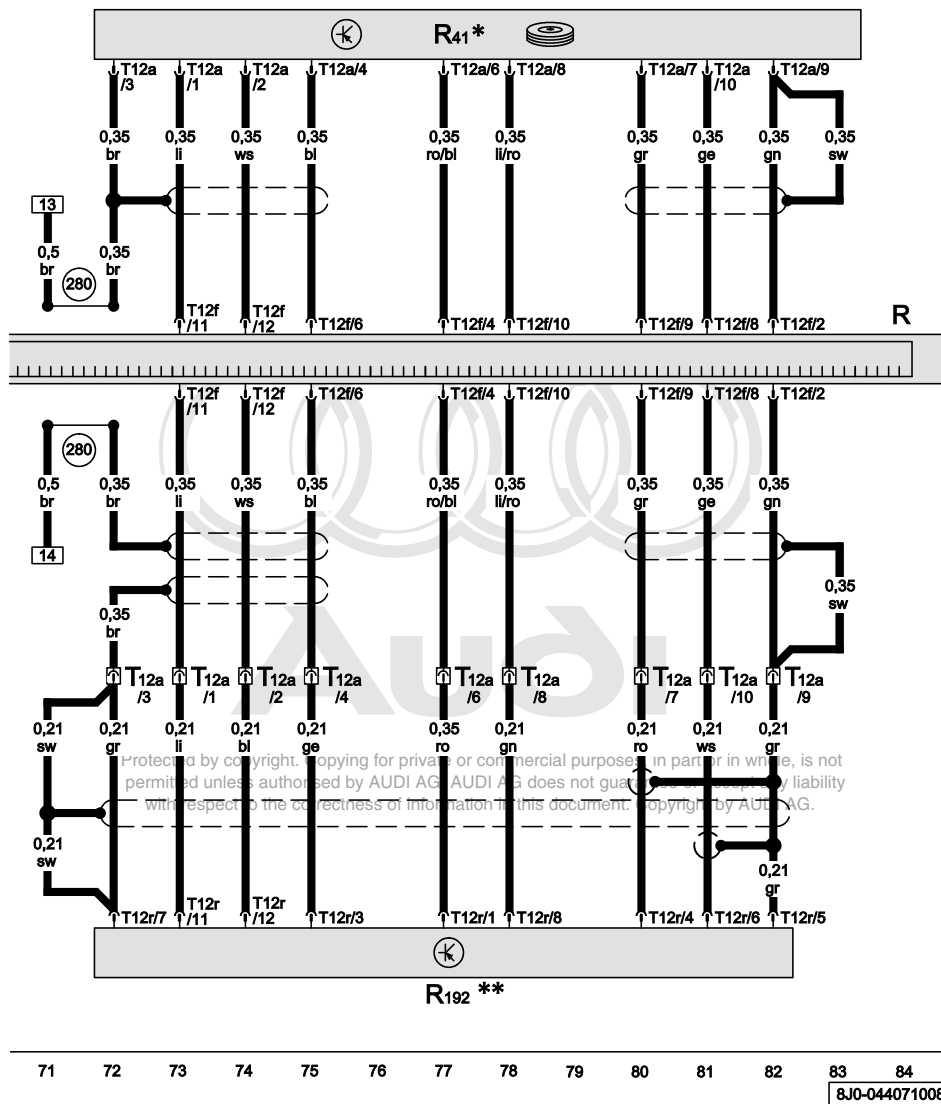
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, CD changer, iPod holder

- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness

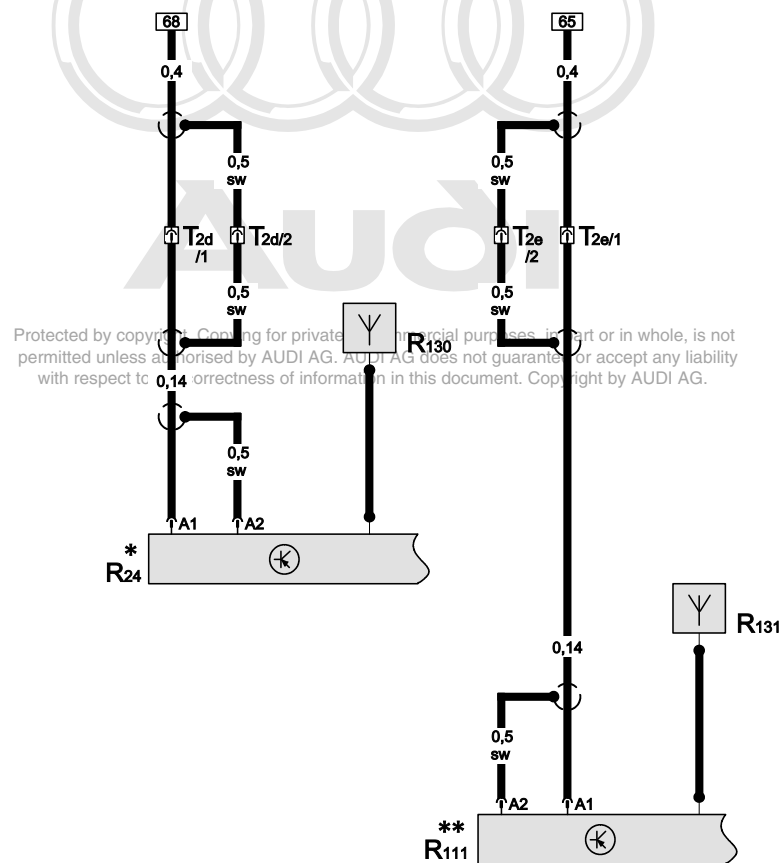
* models with CD changer
** models with iPod holder



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

Aerial amplifier, rear window aerial

- R24 Aerial amplifier
- R111 Aerial amplifier 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2d 2-pin connector, white, on rear right roof frame
- T2e 2-pin connector, yellow, on rear right roof frame
- * rear window upper right
- ** rear window bottom right



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

Radio with standard soundsystem (9VD) Roadster

from February 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

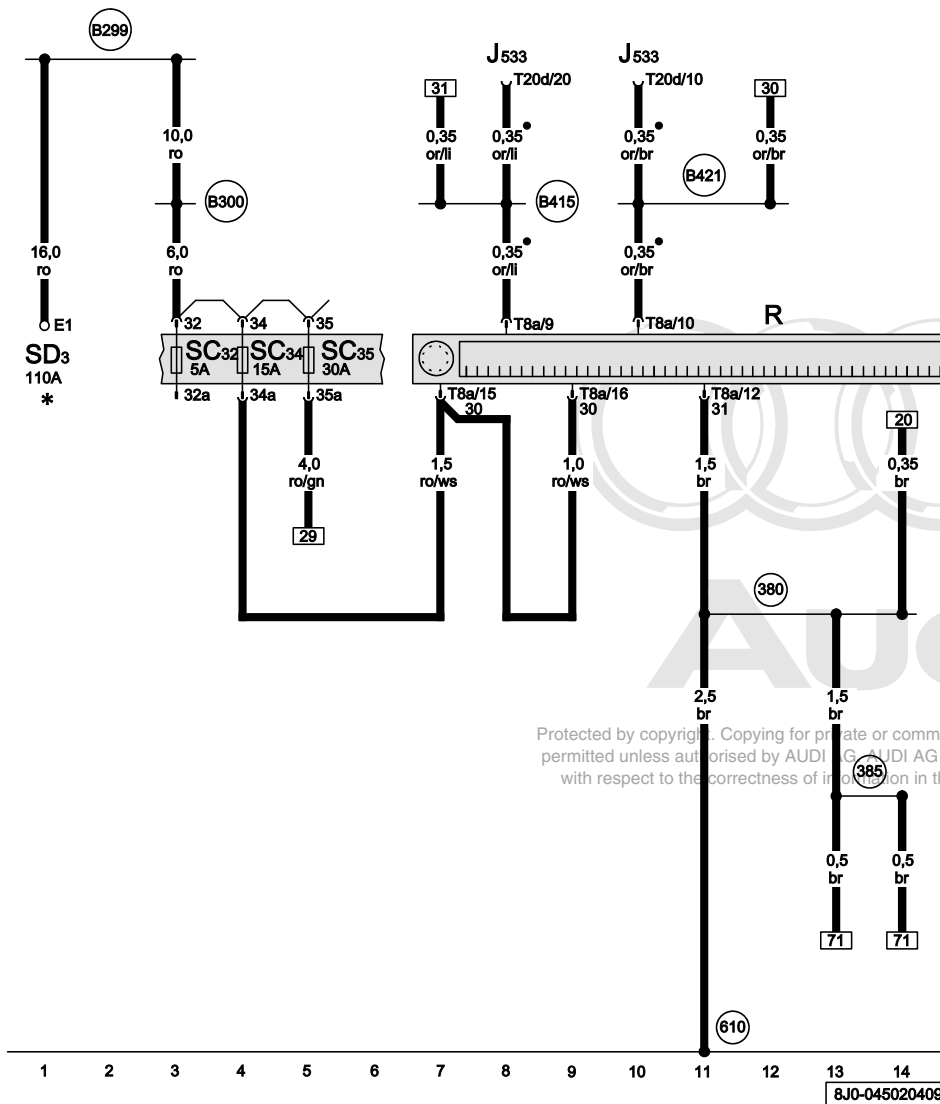
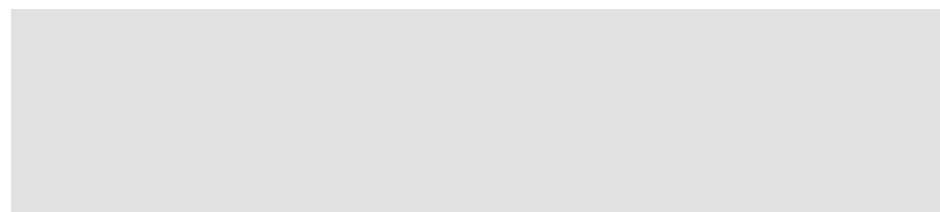
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Radio, fuses

- J533 Data bus diagnostic interface
- R Radio
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black, on data bus diagnostic interface
- 380 Earth connection 15, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

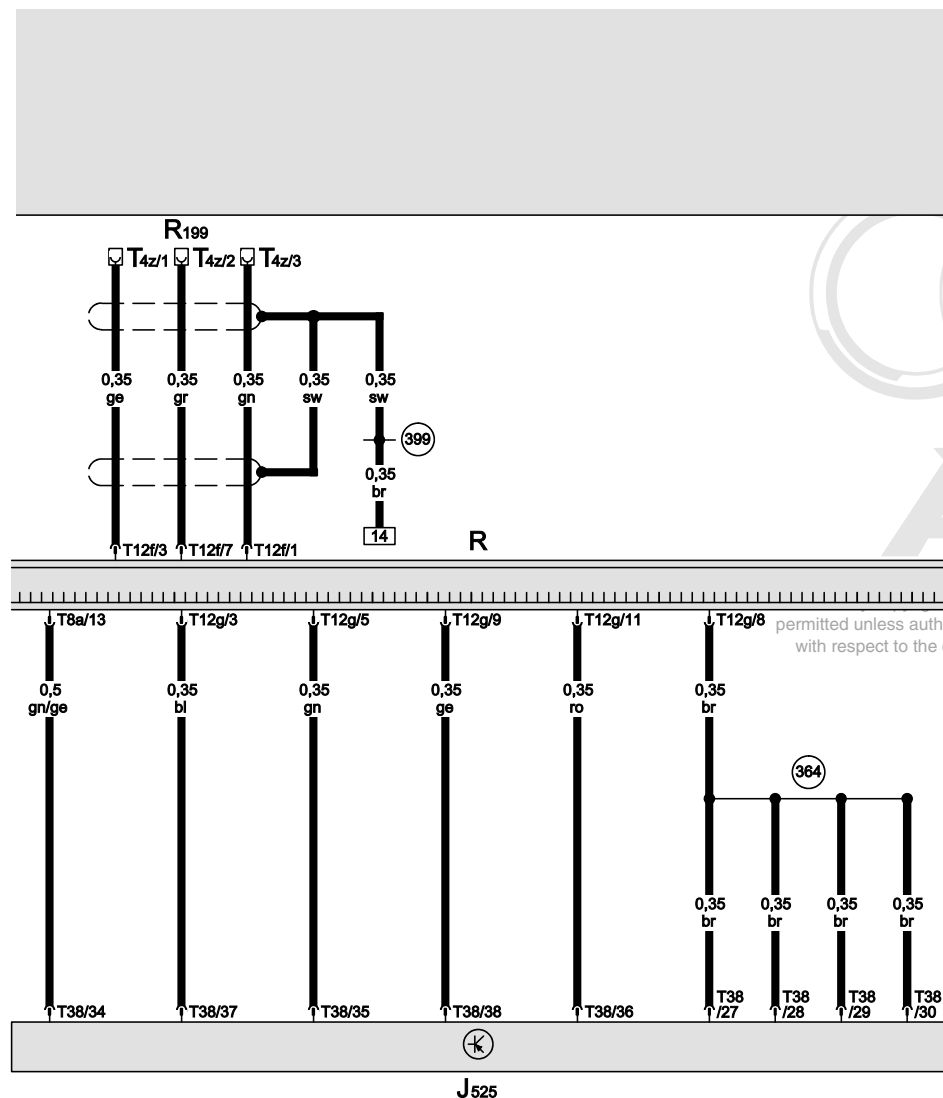
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Radio, digital sound package control unit, connection for external audio source (Aux-In)

- J525 Digital sound package control unit
- R Radio
- R199 Connection for external audio source
- T4z 4-pin connector, black, AUX-in bus, in centre console
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T12g 12-pin connector, green, radio connector C
- T38 38-pin connector, black, on digital sound package control unit

364 Earth connection 1 (LF), in dash panel wiring harness

399 Earth connection 34, 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

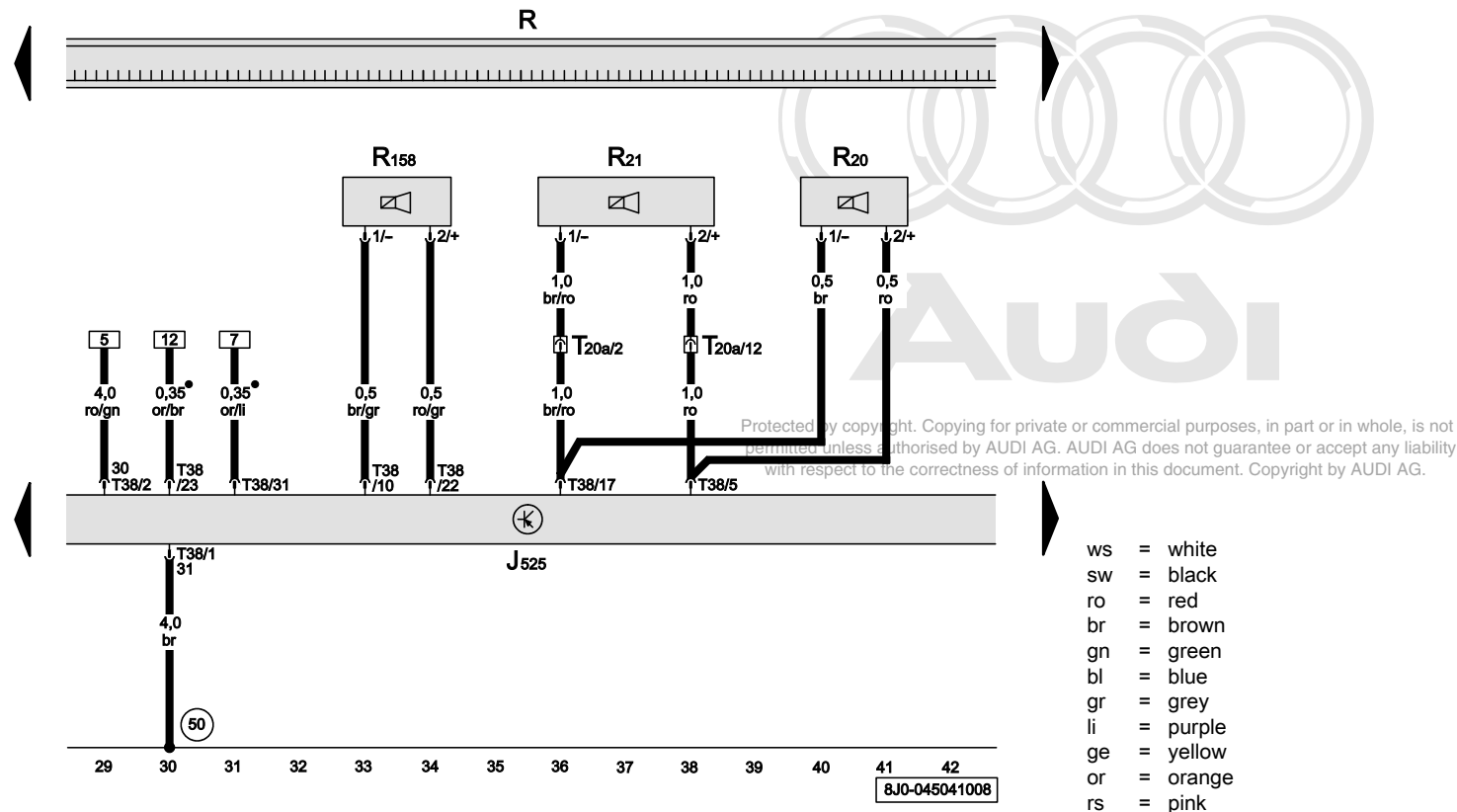
Copyright for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- J525 Digital sound package control unit
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R158 Centre mid-range and treble loudspeaker
- T20a 20-pin connector, black, in the front left door
- T38 38-pin connector, black, on digital sound package control unit

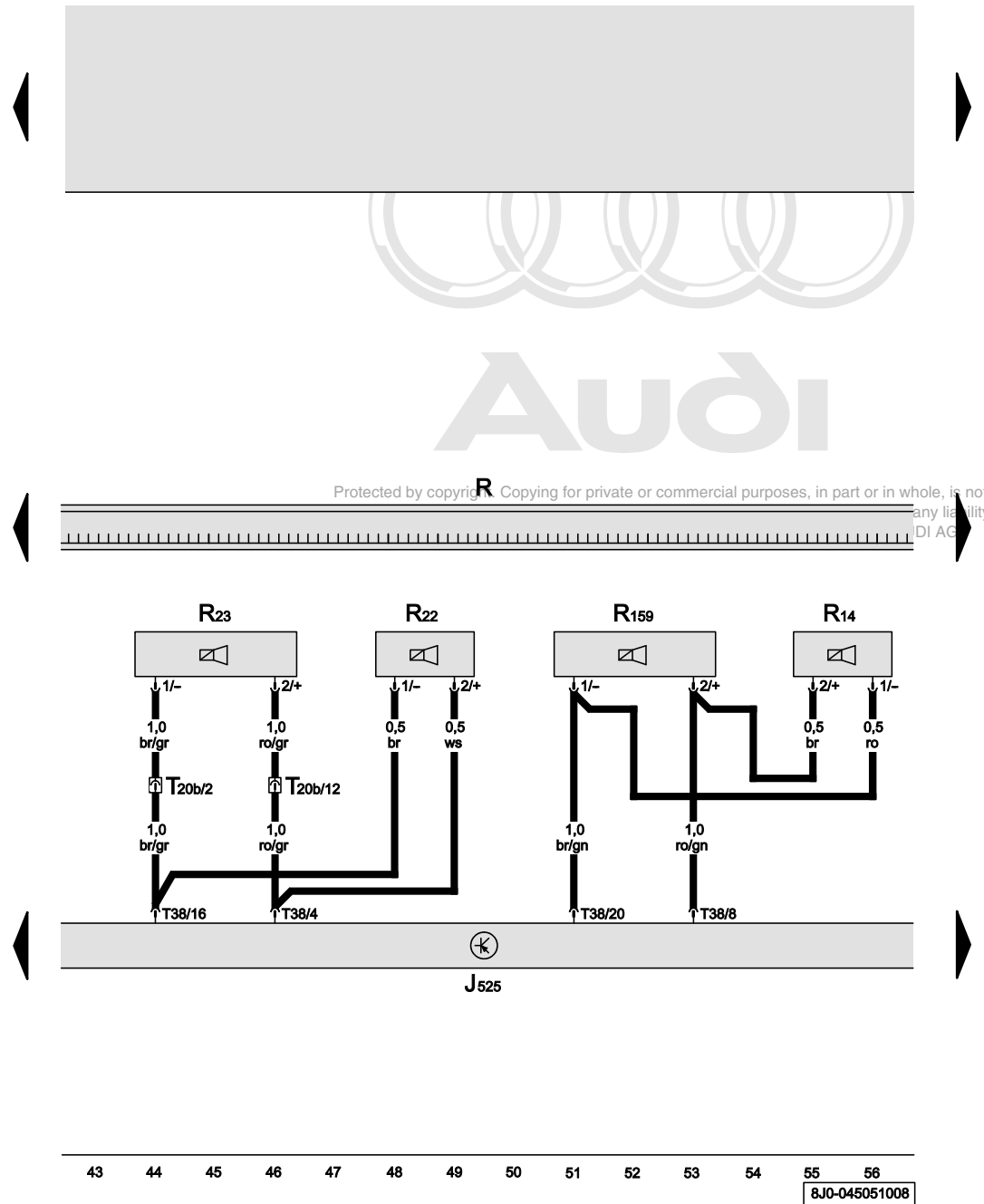
50 Earth point, on left in luggage compartment

- CAN bus (data wire)



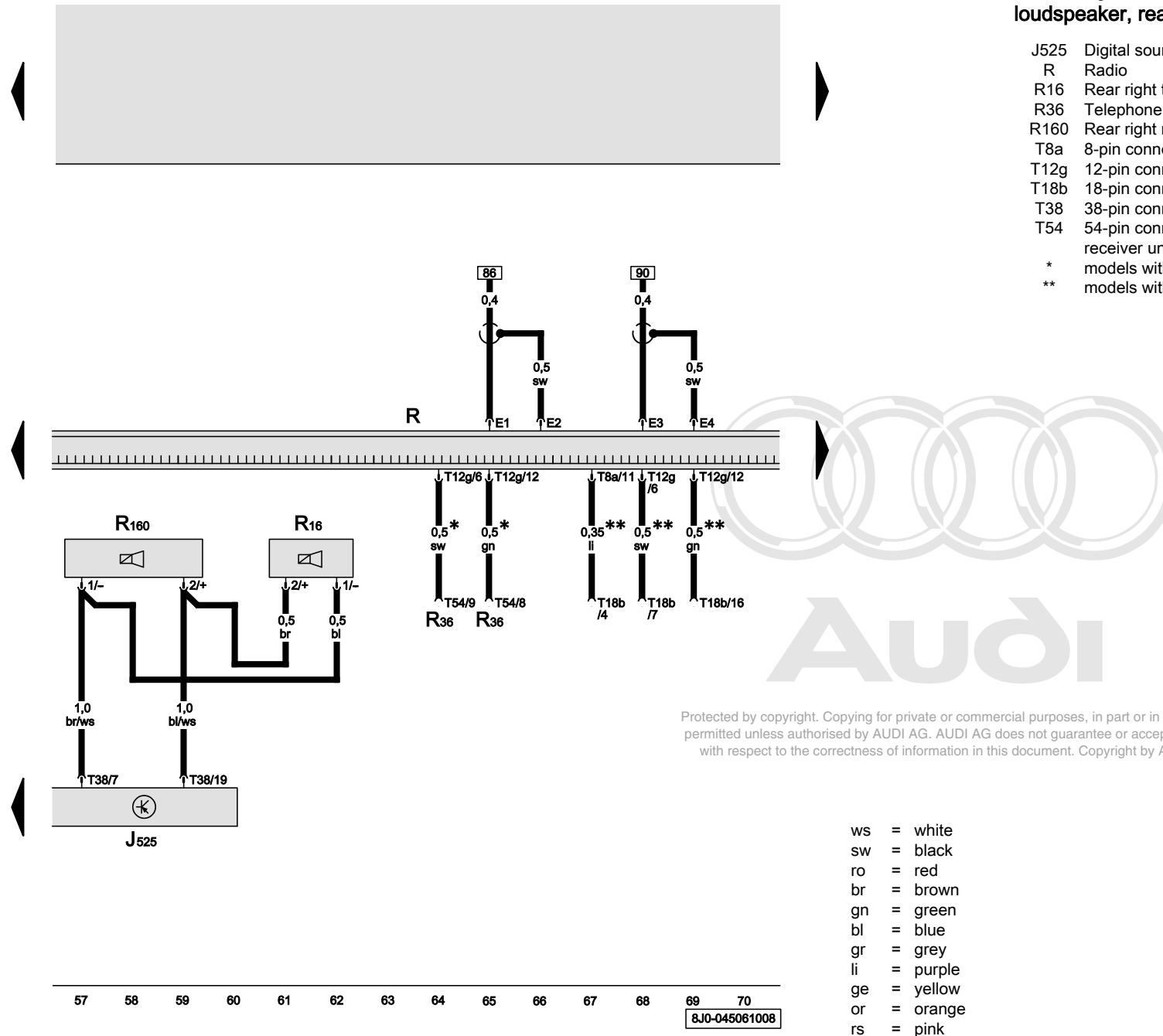
Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right bass loudspeaker, rear left mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T38 38-pin connector, black, on digital sound package control unit



Radio, digital sound package control unit, rear right treble loudspeaker, rear right mid-range and bass loudspeaker

- J525 Digital sound package control unit
- R Radio
- R16 Rear right treble loudspeaker
- R36 Telephone transmitter and receiver unit
- R160 Rear right mid-range and bass loudspeaker
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T18b 18-pin connector, black, supply telephone preparation
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with preparation for mobile telephone (9ZF)
- ** models with preparation for mobile telephone (9ZD)

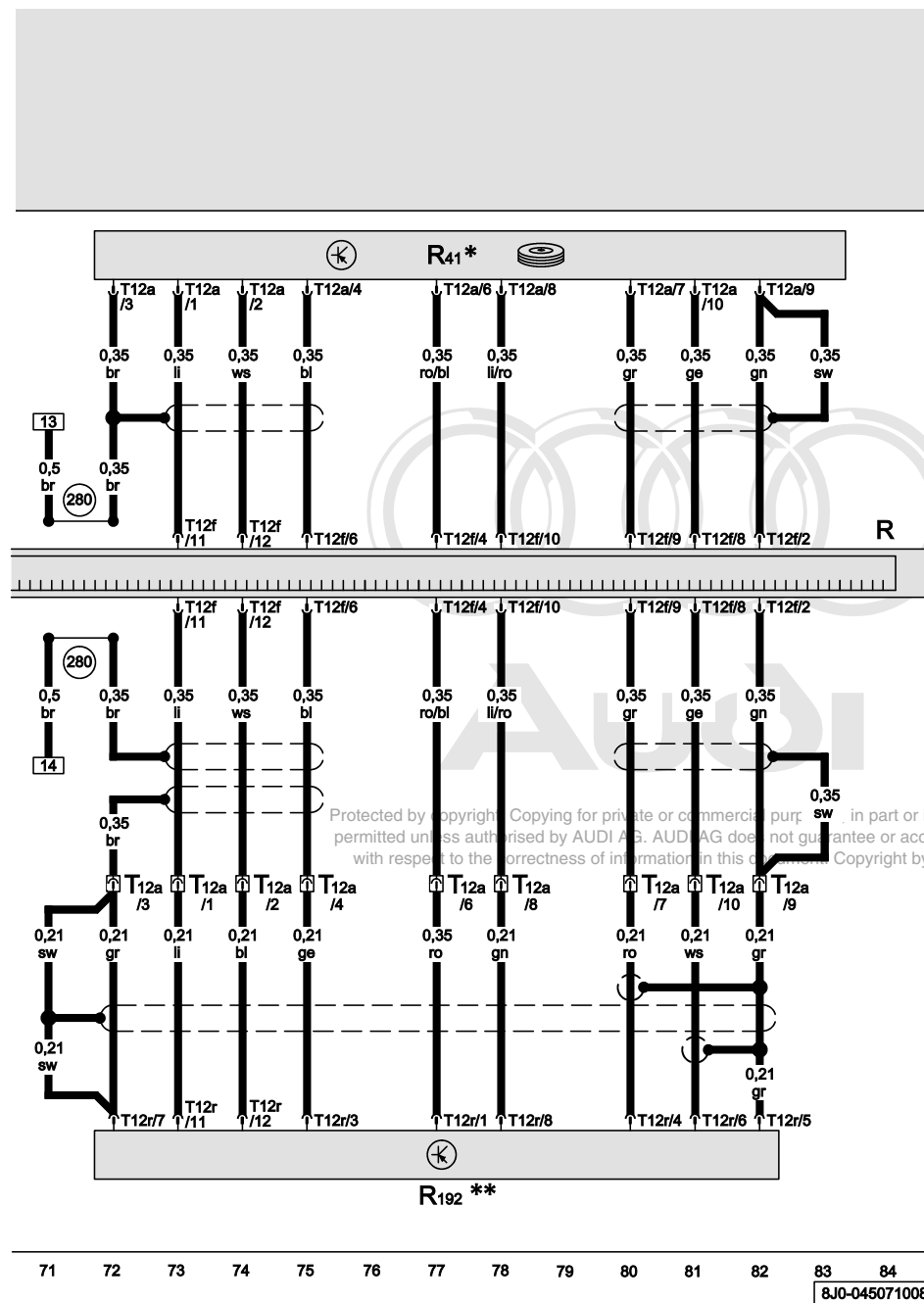


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radio, CD changer, iPod holder

- R Radio
- R41 CD changer
- R192 iPod holder
- T12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- T12r 12-pin connector, black, on iPod holder
- 280 Earth connection, in communications wiring harness

* models with CD changer
** models with iPod holder

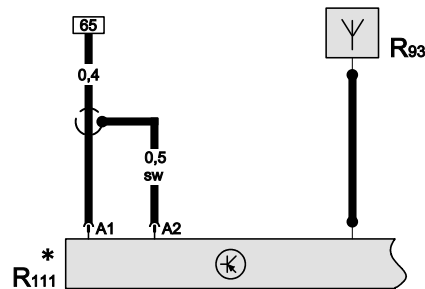
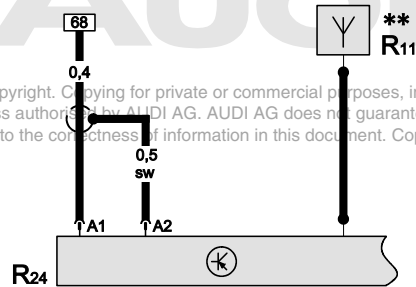


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Aerial amplifier, radio aerial 2

- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- * rear right
- ** rod aerial rear left

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

2.5 l - Fuel injection engine (250 kW - 5 cylinder), engine code CEPA

from March 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

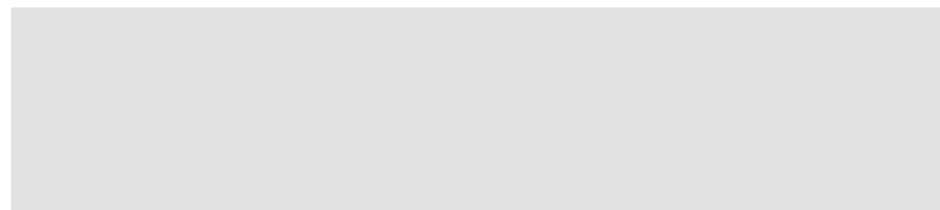
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

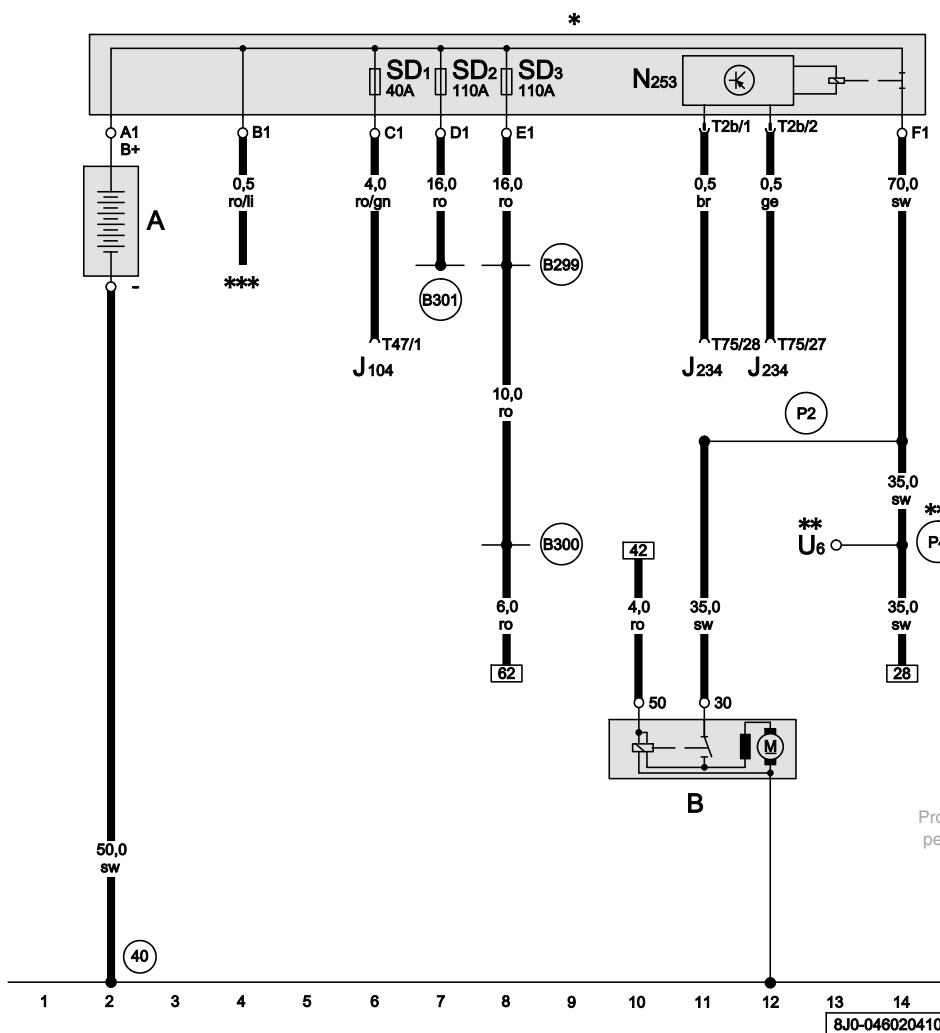


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

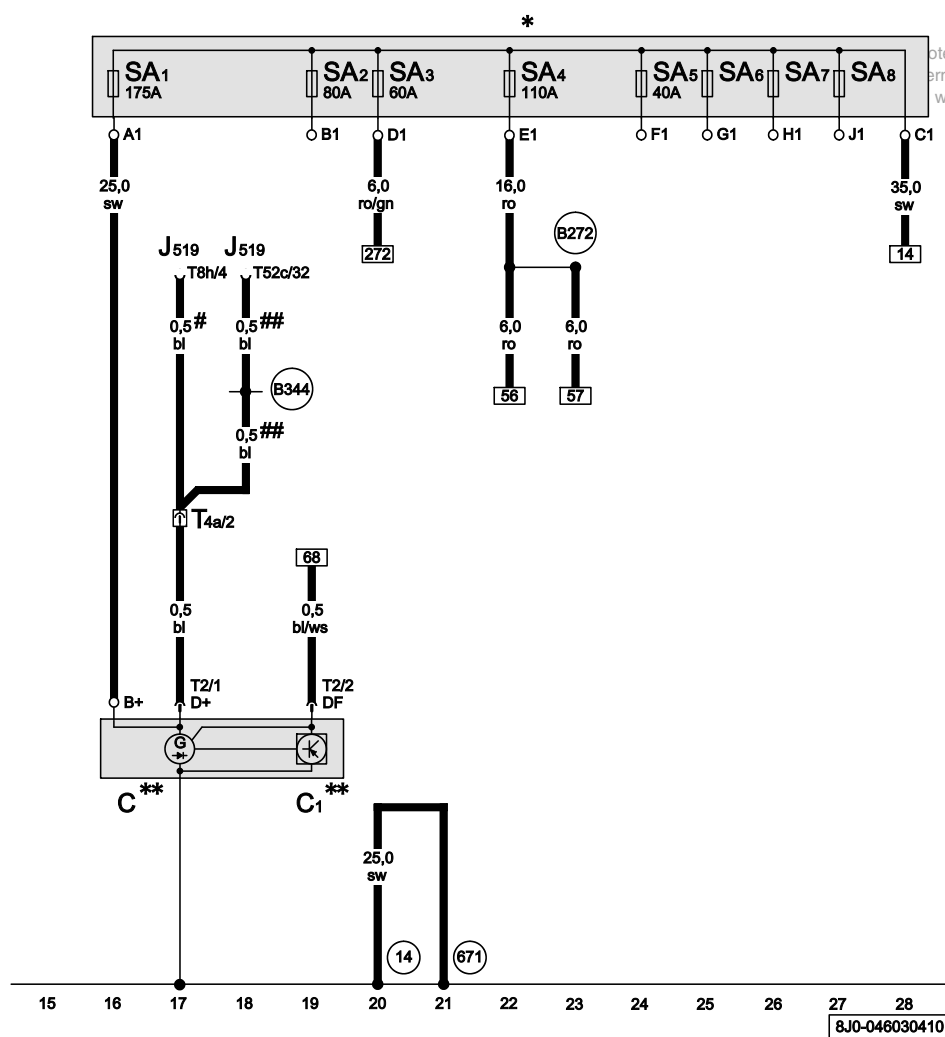
- A Battery
 - B Starter
 - J104 ABS control unit
 - J234 Airbag control unit
 - N253 Battery isolation igniter
 - SD1 Fuse 1 on fuse holder D
 - SD2 Fuse 2 on fuse holder D
 - SD3 Fuse 3 on fuse holder D
 - T2b 2-pin connector, purple, on battery isolation igniter
 - T47 47-pin connector, on ABS control unit
 - T75 75-pin connector, yellow, on airbag control unit
 - U6 Slave start socket
- 40 Earth point, under rear right seat
 - B299 Positive connection 3 (30), in main wiring harness
 - B300 Positive connection 4 (30), in main wiring harness
 - B301 Positive connection 5 (30), in main wiring harness
 - P2 Positive connection (30), in battery wiring harness
 - P4 Positive connection 2 (30), in battery wiring harness
 - * main fuse box, in luggage compartment, rear right, on the battery
 - ** models with slave start socket
 - *** => applicable recuperation Current Flow Diagram



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Alternator, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment
- T8h 8-pin connector, black, connector F, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- 14 Earth point, on gearbox
- 671 Earth point 1, on front of left longitudinal member
- B272 Positive connection (30), in main wiring harness
- B344 Connection 1 (61), in main wiring harness
- * Main fuse holder, electronics box, in front left engine compartment
- ** from June 2010 ⇒ applicable recuperation Current Flow Diagram
- # up to May 2009
- ## from June 2009



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

Terminal 50 voltage supply relay, fuses

- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T2t 2-pin connector, black connector L, on onboard supply control unit

T47 47-pin connector, on ABS control unit

44 Earth point, lower part of left A-pillar

374 Earth connection 9, in main wiring harness

375 Earth connection 10, in main wiring harness

B163 Positive connection 1 (15), in interior wiring harness

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

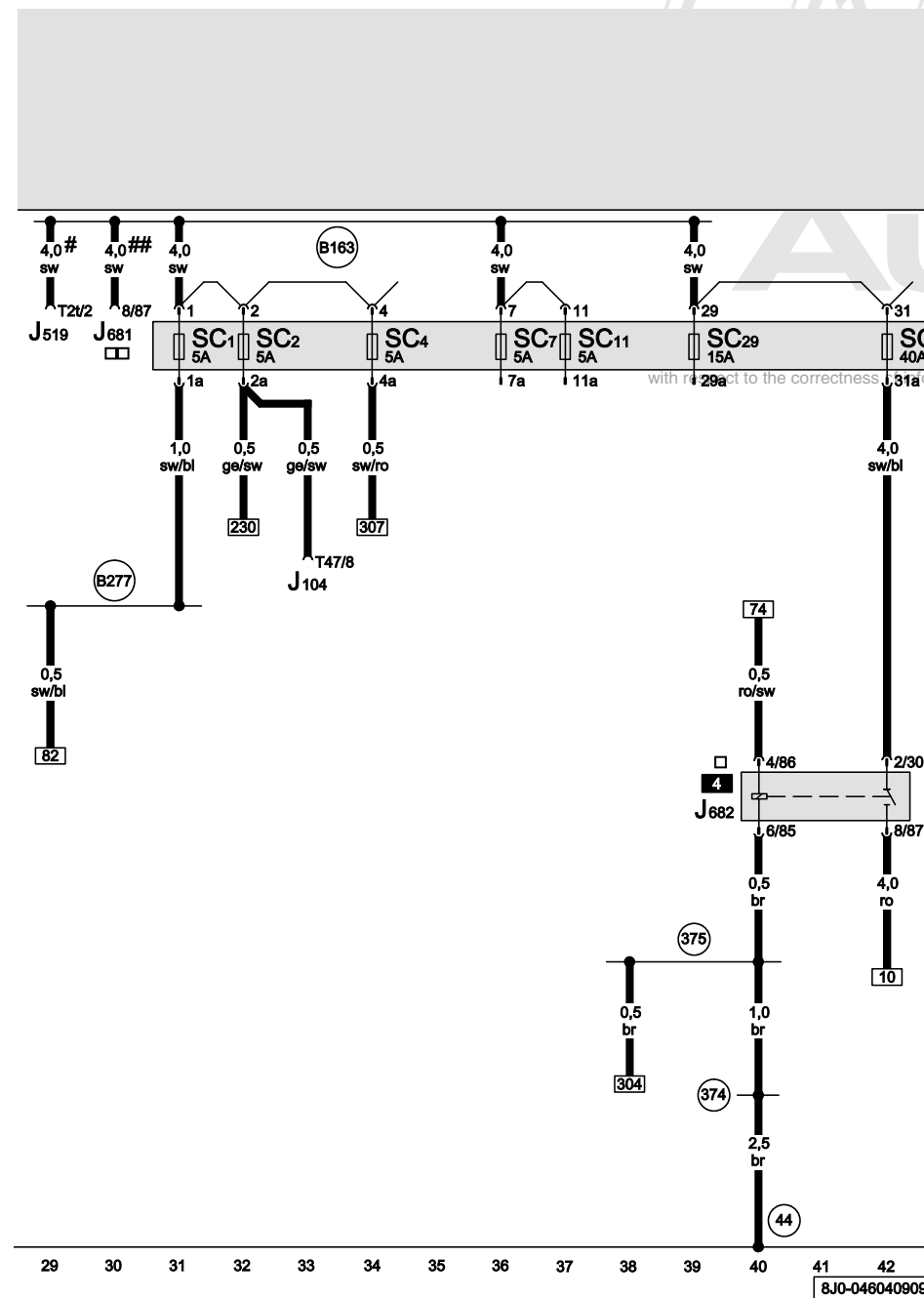
* Relay carrier under left dash panel

** Relay carrier on onboard power supply control unit

up to May 2009

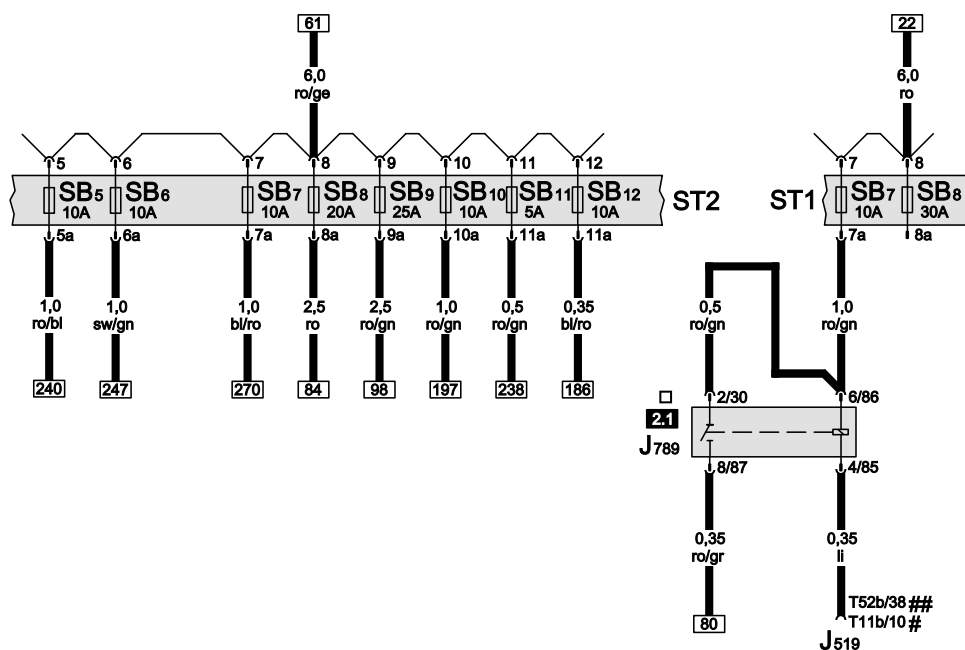
from June 2009

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



Control relay, fuses

- J519 Onboard supply control unit
- J789 Control relay
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T11b 11-pin connector, black, connector A, on onboard power supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- * Relay carrier on left under dash panel
- # up to May 2009
- ## from June 2009



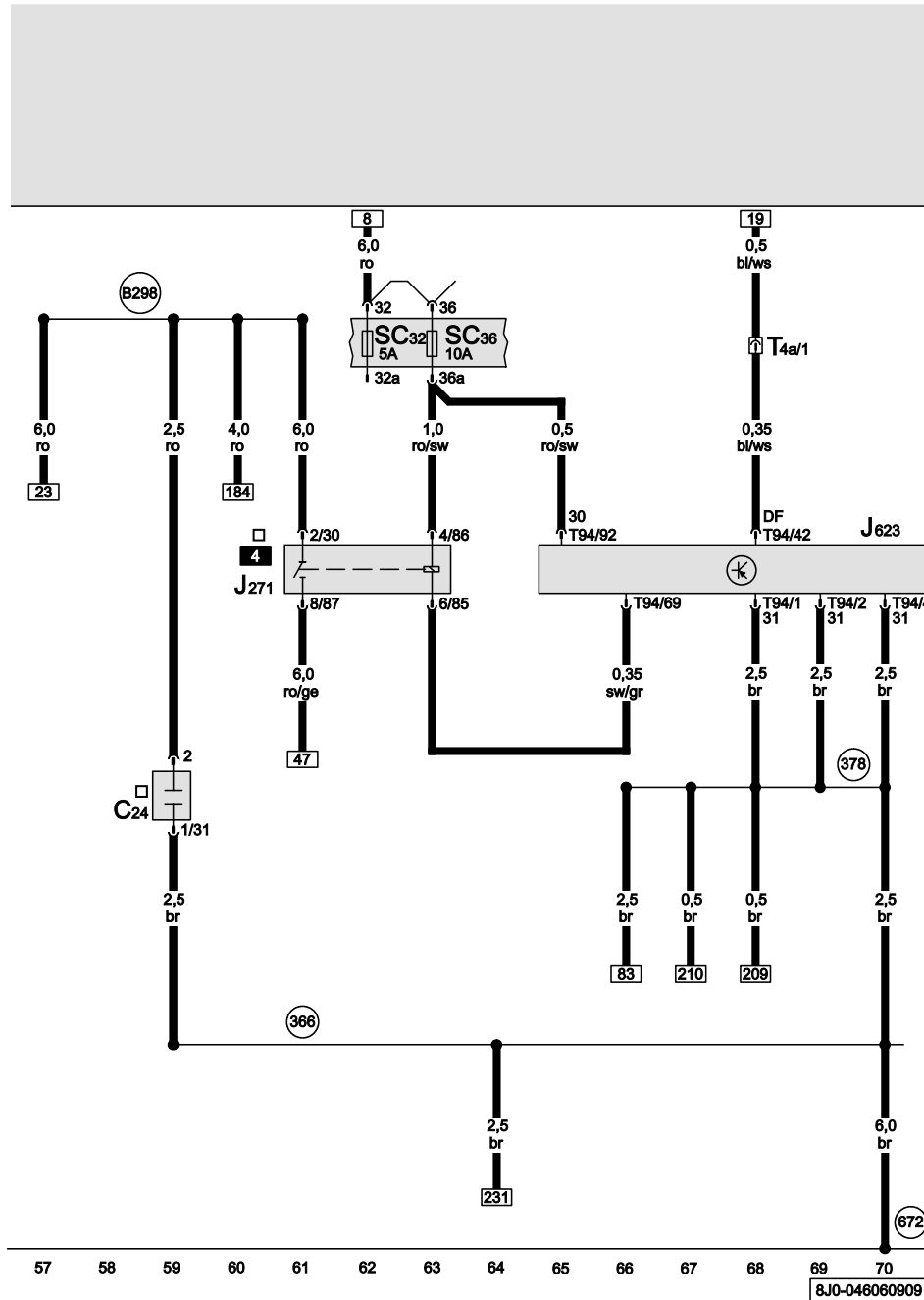
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine control unit, Motronic current supply relay, suppression filter

- C Alternator
- C24 Suppression filter
- J271 Motronic current supply relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4a 4-pin connector, black, in front left engine compartment
- T94 94-pin connector, on engine control unit
- 366 Earth connection 1, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B298 Positive connection 2 (30), in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment
- ** models with recuperation (7L7) => applicable recuperation

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

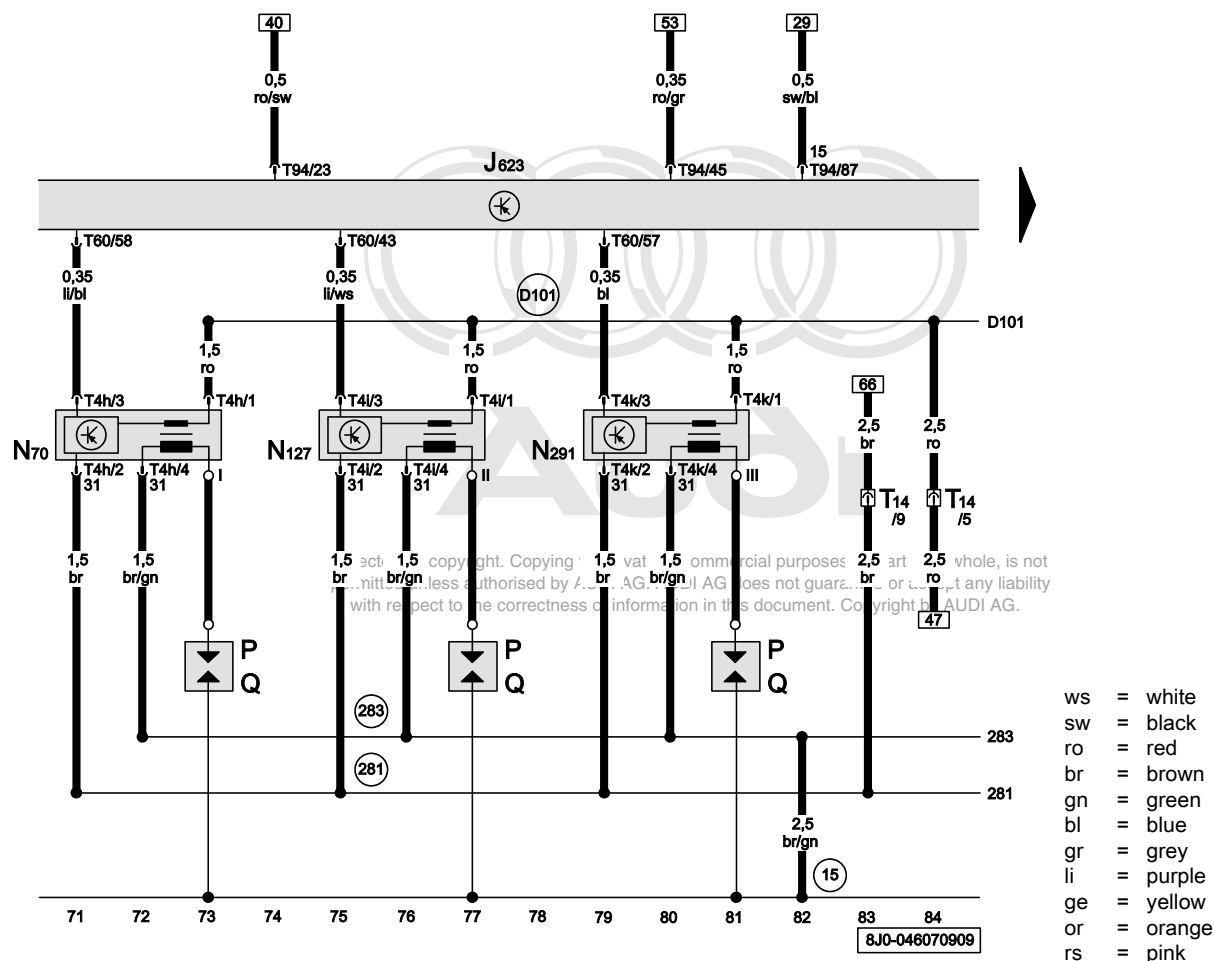


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, ignition coil 1 up to 3 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T4h 4-pin connector, black, on ignition coil 1 with output stage
- T4i 4-pin connector, black, on ignition coil 2 with output stage
- T4k 4-pin connector, black, on ignition coil 3 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

- 15 Earth point, on cylinder head
- 281 Earth connection 1, in engine harness
- 283 Earth connection 2, in engine harness
- D101 Connection 1, in engine compartment wiring harness



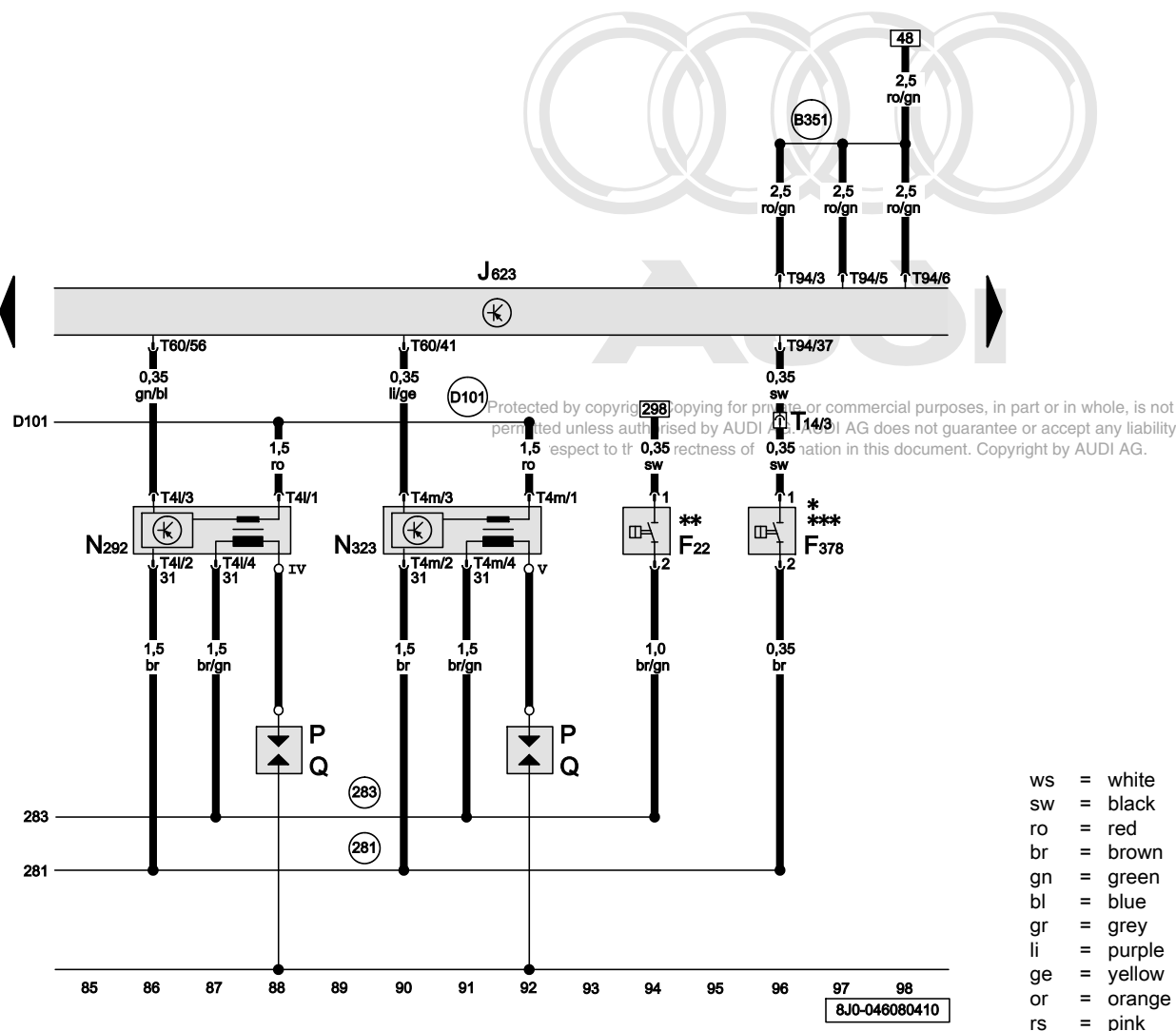
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, ignition coil 4 and 5 with output stage, oil pressure switch, oil pressure switch for reduced oil pressure

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine control unit
- N292 Ignition coil 4 with output stage
- N323 Ignition coil 5 with output stage
- P Spark plug connector
- Q Spark plugs
- T4l 4-pin connector, black, on ignition coil 4 with output stage
- T4m 4-pin connector, black, on ignition coil 5 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

- 281 Earth connection 1, in engine harness
- 283 Earth connection 2, in engine harness
- B351 Positive connection 2 (87a), in main wiring harness
- D101 Connection 1, in engine compartment wiring harness

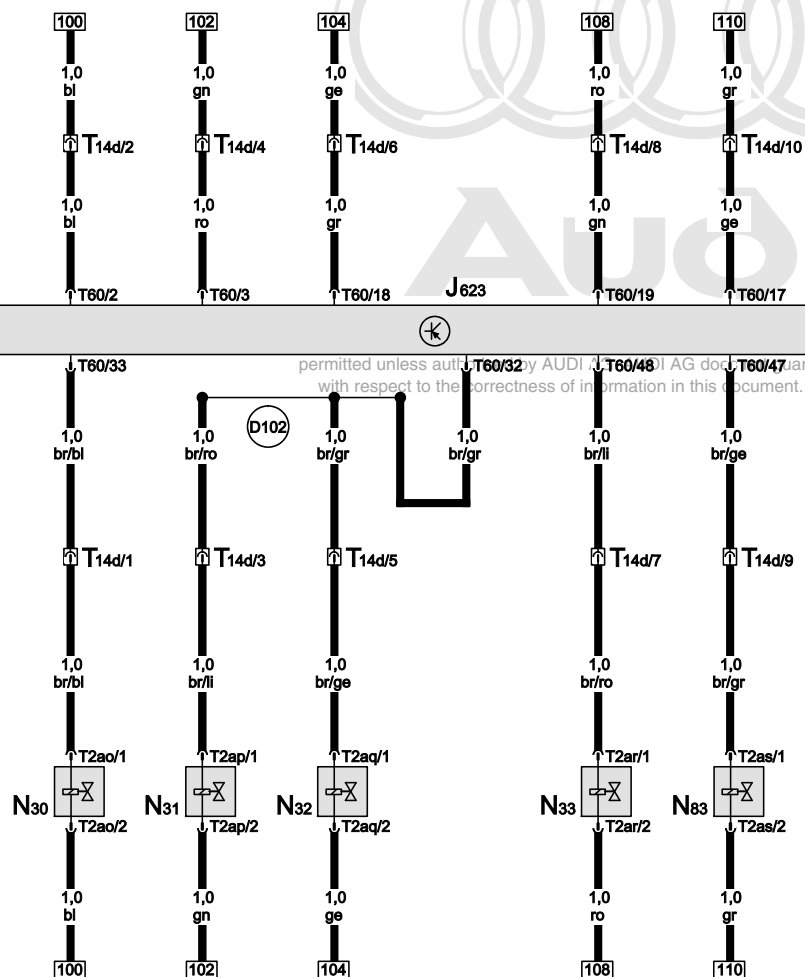
- * 0.7 bar
- ** up to May 2010
- *** from June 2010



Engine control unit, injector cylinder 1 up to 5

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N83 Injector, cylinder 5
- T2ao 2-pin connector, yellow, on injector, cylinder 1
- T2ap 2-pin connector, yellow, on injector, cylinder 2
- T2aq 2-pin connector, yellow, on injector, cylinder 3
- T2ar 2-pin connector, yellow, on injector, cylinder 4
- T2as 2-pin connector, yellow, on injector, cylinder 5
- T14d 14-pin connector, brown, on left of engine
- T60 60-pin connector, on engine control unit

D102 Connection 2, in engine compartment wiring harness



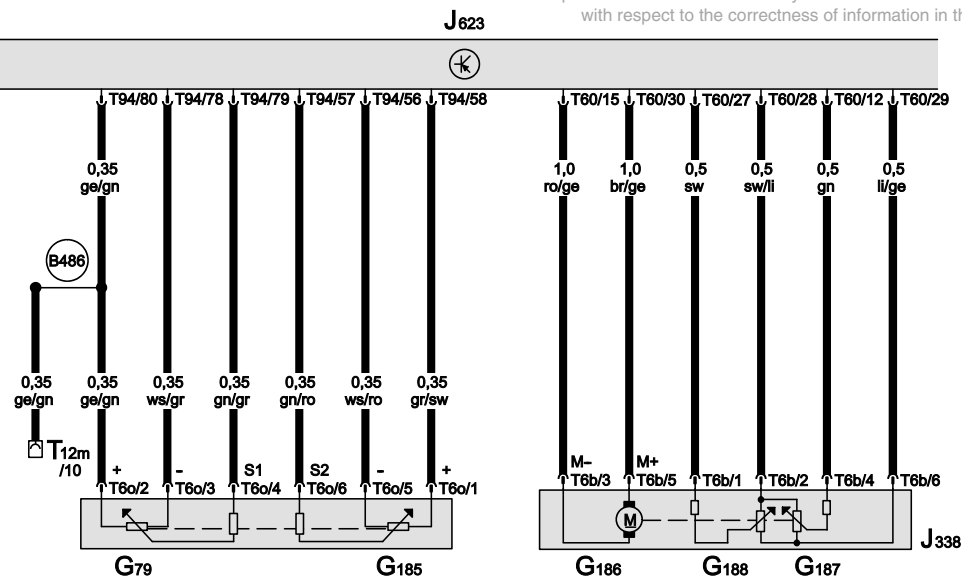
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, throttle valve module, accelerator position sender

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- 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
- T6b 6-pin connector, black, on throttle valve module
- T6o 6-pin connector, black, on accelerator position sender
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

B486 Connection 22 in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



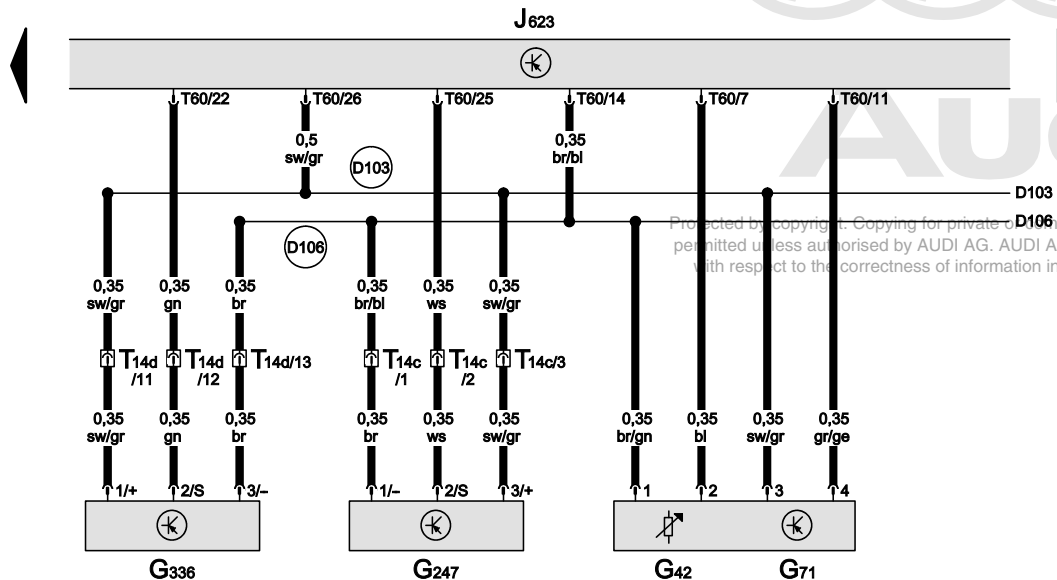
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit, intake air temperature sender, intake manifold pressure sender, fuel pressure sender, intake manifold flap potentiometer

- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T14c 14-pin connector, black, on left of engine
- T14d 14-pin connector, brown, on left of engine
- T60 60-pin connector, on engine control unit

D103 Connection 3, in engine compartment wiring harness

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

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

8J0-046110909

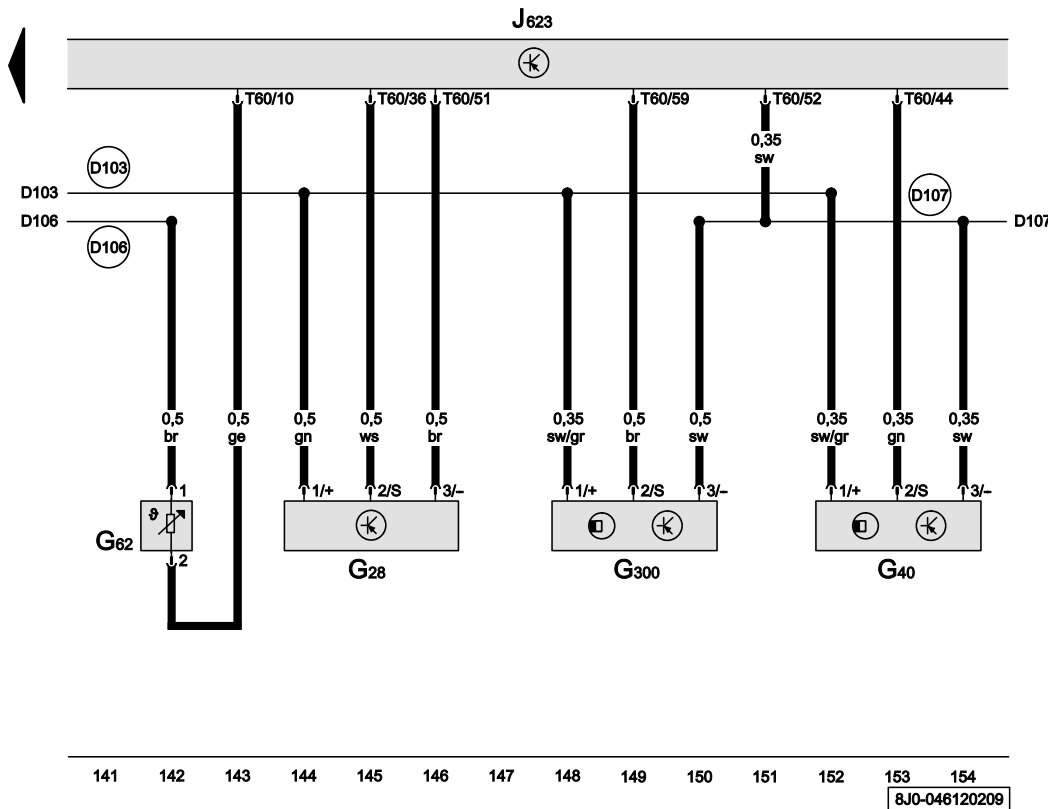
Engine control unit, engine speed sender, Hall sender, coolant temperature sender

- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G300 Hall sender 3
- J623 Engine control unit
- T60 60-pin connector, on engine control unit

D103 Connection 3, in engine compartment wiring harness

D106 Connection 4, 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

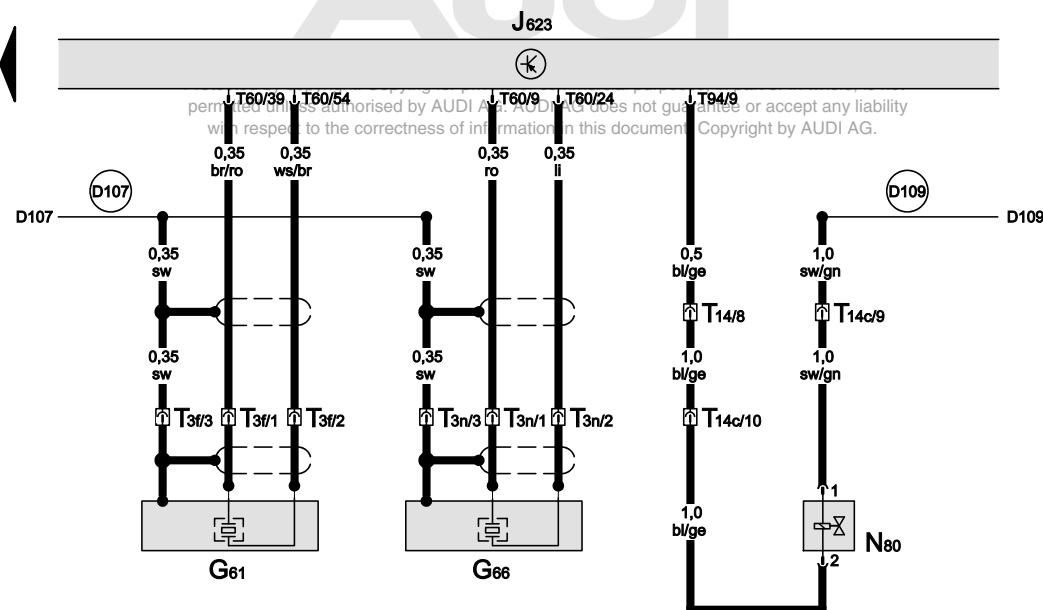
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine control unit, knock sensors 1 and 2, activated charcoal filter system solenoid valve 1

- G61 Knock sensor 1
- G66 Knock sensor 2
- J623 Engine control unit
- N80 Activated charcoal filter system solenoid valve 1
- T3f 3-pin connector, green, on knock sensor 1
- T3n 3-pin connector, grey, on knock sensor 2
- T14 14-pin connector, black, on front left in engine compartment
- T14c 14-pin connector, black, on left of engine
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

D107 Connection 5, in engine compartment wiring harness

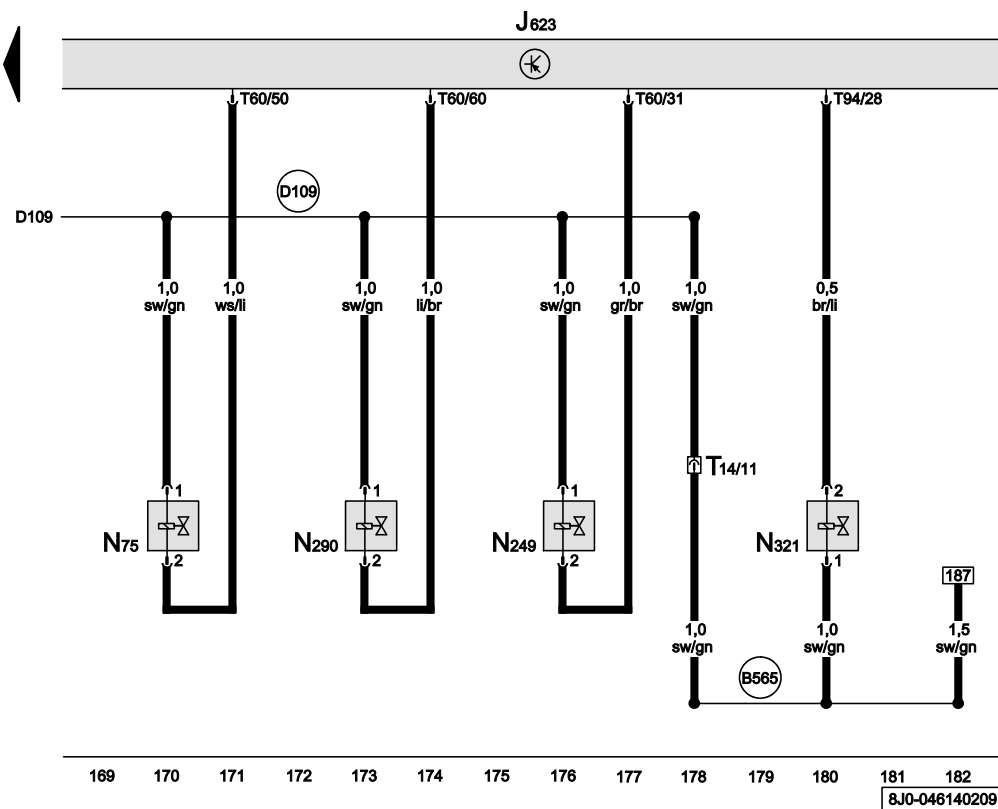
D109 Connection 7, in engine compartment wiring harness



Engine control unit, charge pressure control solenoid valve, turbocharger air recirculation valve, fuel metering valve, exhaust flap 1 valve

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N249 Turbocharger air recirculation valve
- N290 Fuel metering valve
- N321 Exhaust flap 1 valve
- T14 14-pin connector, black, on front left in engine compartment
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit
- B565 Connection 32 in main wiring harness
- D109 Connection 7, in engine compartment wiring harness

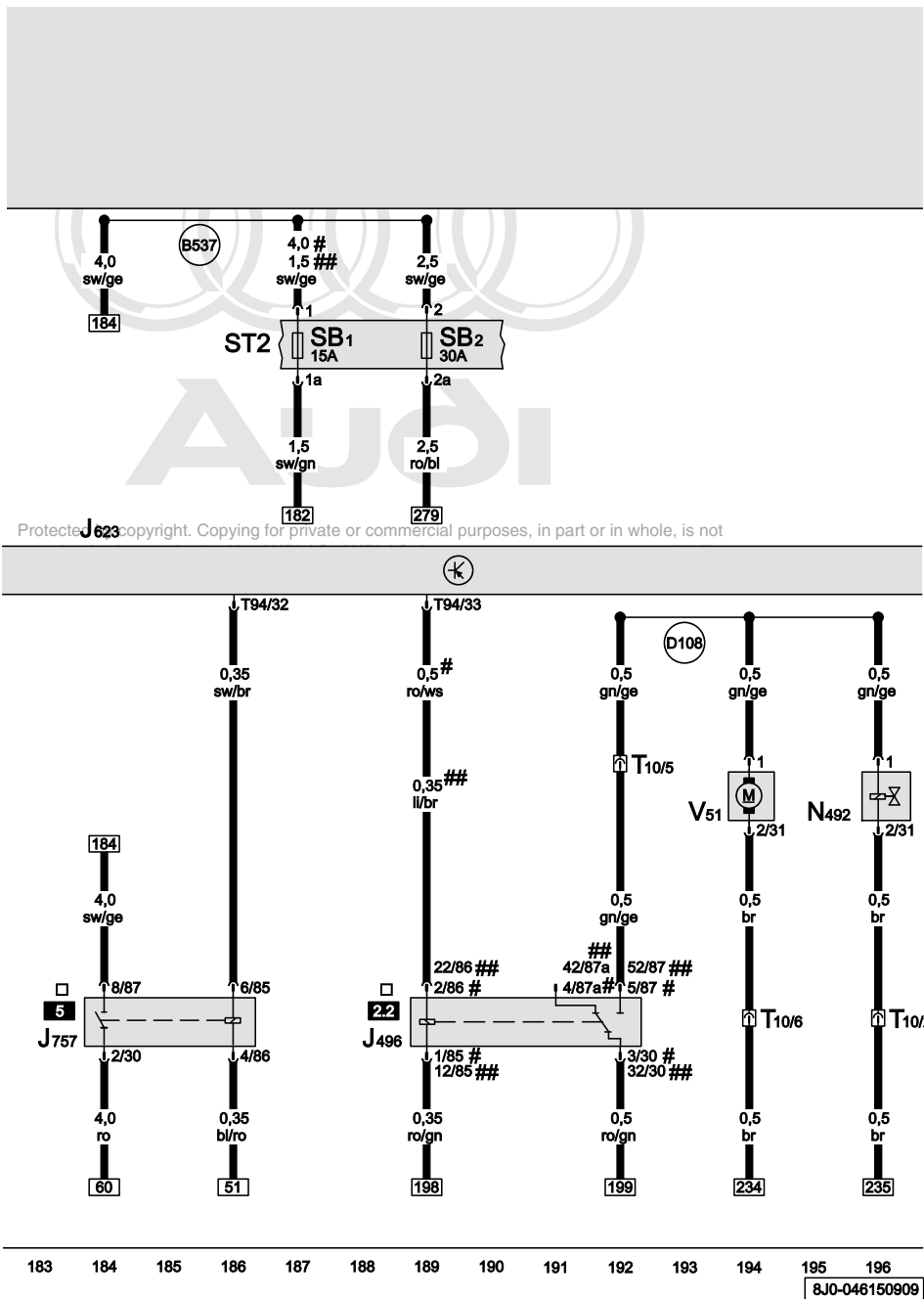
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, additional coolant pump relay, engine component current supply relay, continued coolant circulation pump

- J496 Additional coolant pump relay
- J623 Engine control unit
- J757 Engine component current supply relay
- N492 Refrigerant circulation solenoid valve
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- T10 10-pin connector, black, in front left engine compartment
- T94 94-pin connector, on engine control unit
- V51 Continued coolant circulation pump
- B537 Connection 28 in main wiring harness
- D108 Connection 6, in engine compartment wiring harness
- * Relay and fuse carrier in electronics box engine compartment
- # up to May 2009
- ## from June 2009



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

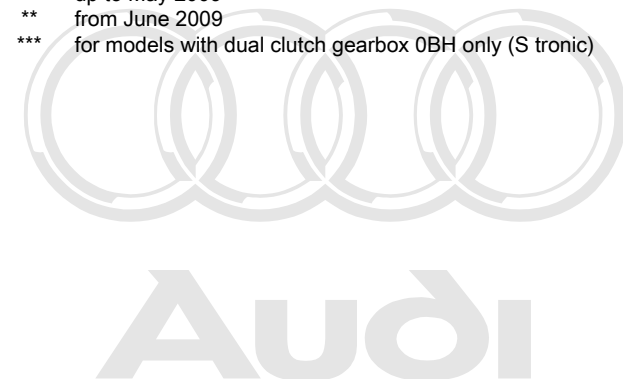
Engine control unit, exhaust temperature sender 1, camshaft control valve 1, intake manifold flap valve, exhaust camshaft control valve 1

- G235 Exhaust gas temperature sender 1
- J623 Engine control unit
- N205 Inlet camshaft control valve 1
- N316 Intake manifold flap valve
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- T10 10-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T14c 14-pin connector, black, on left of engine
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

B564 Connection 31, in main wiring harness

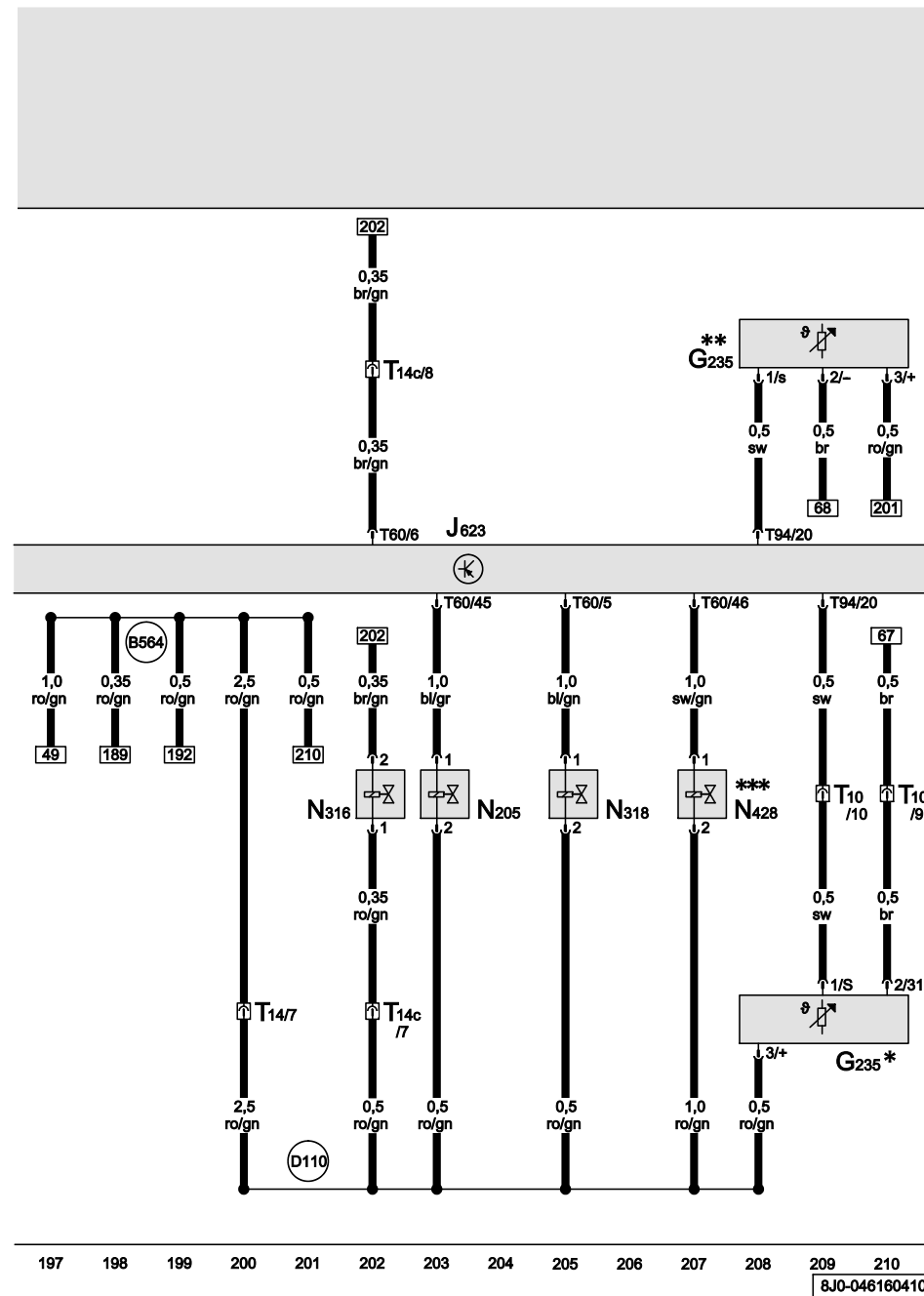
D110 Connection 8, in engine compartment wiring harness

- * up to May 2009
- ** from June 2009
- *** for models with dual clutch gearbox 0BH only (S tronic)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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



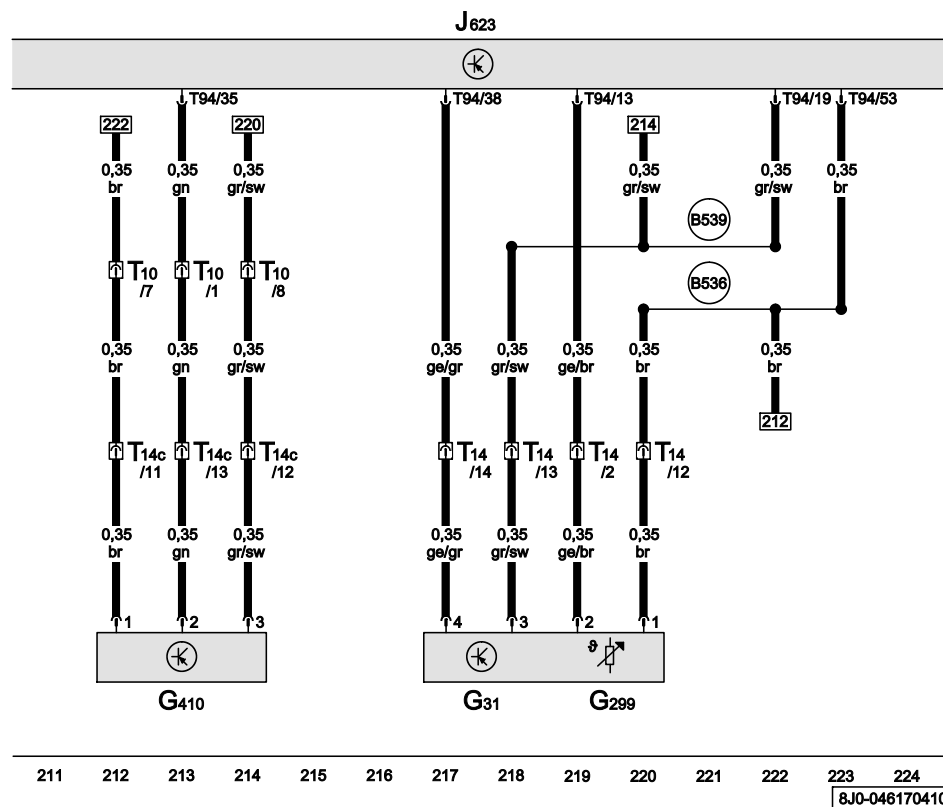
Engine control unit, charge air pressure sender, fuel pressure sender for low-pressure, intake air temperature sender 2

- G31 Charge air pressure sender
- G299 Intake air temperature sender 2
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- T10 10-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T14c 14-pin connector, black, on left of engine
- T94 94-pin connector, on engine control unit

B536 Connection 27, in main wiring harness

B539 Connection 30, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, brake light switch, brake pedal switch, clutch position sender

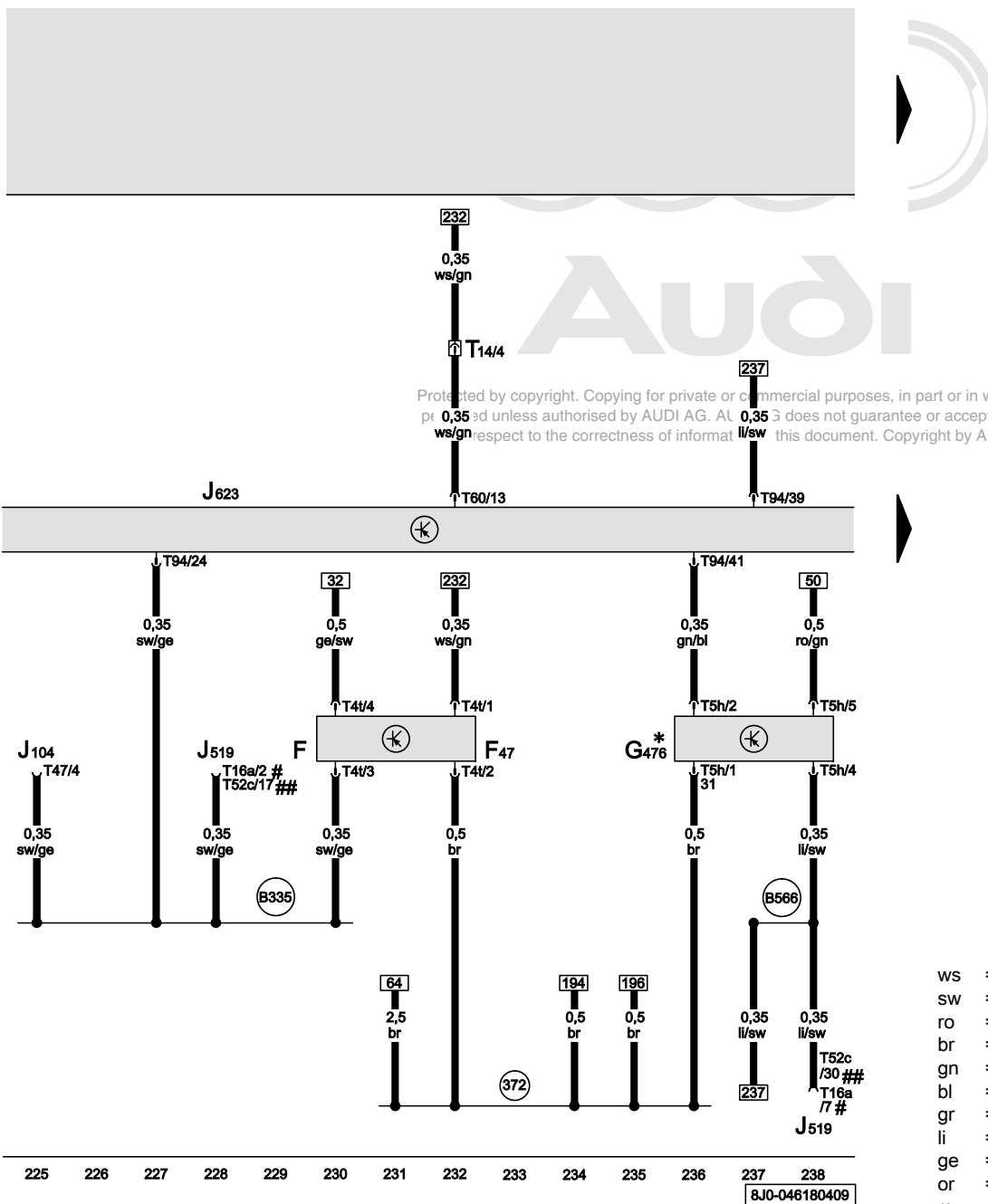
- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T5h 5-pin connector, black, on clutch position sender
- T14 14-pin connector, black, on front left in engine compartment
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- T47 47-pin connector, on ABS control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

372 Earth connection 7, in main wiring harness

B335 Connection 1 (54), in main wiring harness

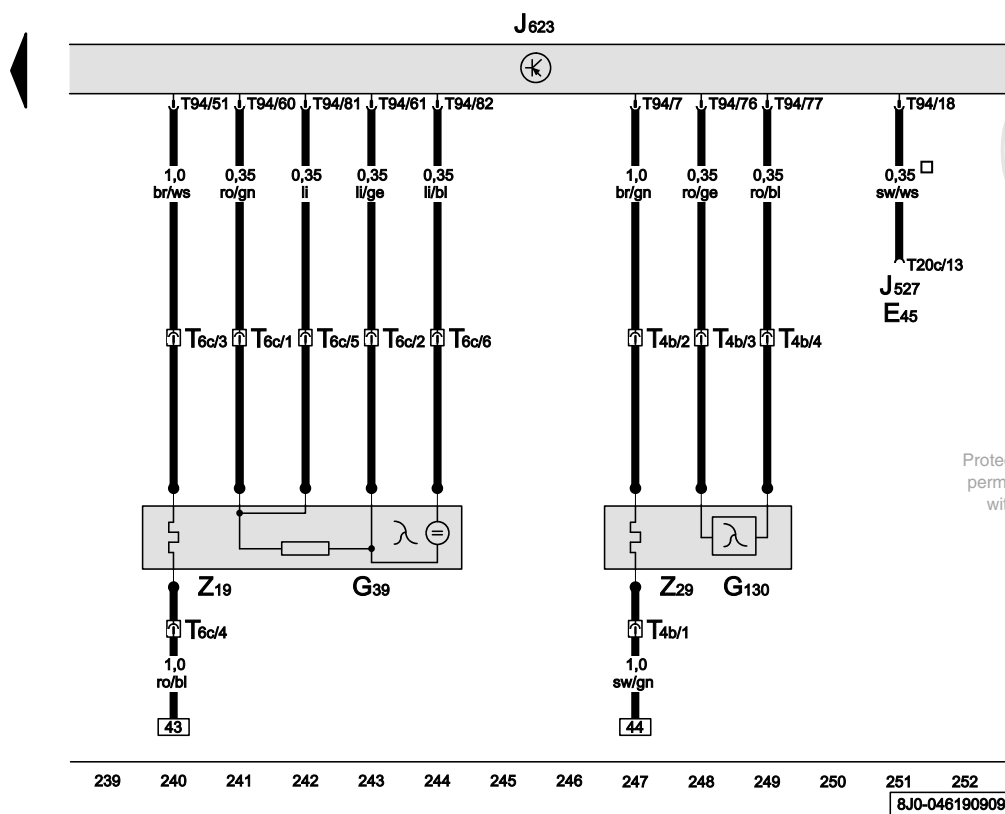
B566 Connection 33, in main wiring harness

- * models with manual gearbox
- # up to May 2009
- ## from June 2009



Engine control unit, lambda probe, lambda probe heater after catalytic converter, lambda probe heater, lambda probe 1 heater after catalytic converter

- E45 Cruise control system switch
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J527 Steering column electronics control unit
- J623 Engine control unit
- T4b 4-pin connector, black, on Lambda probe after catalytic converter
- T6c 6-pin connector, black, on Lambda probe
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T94 94-pin connector, on engine control unit
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- * models with cruise control system

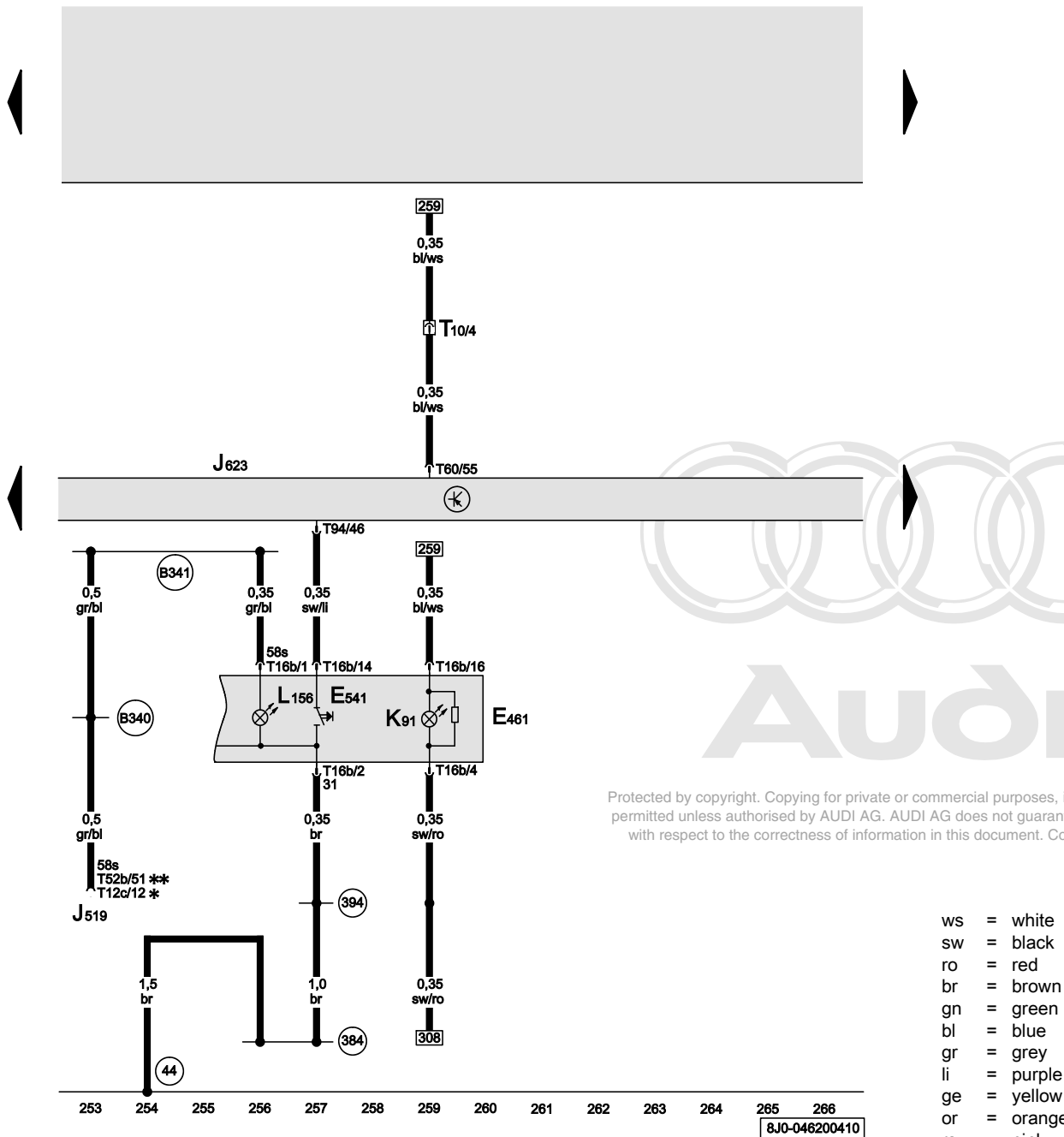


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, sport program button, sports program warning lamp

- E461 Operating unit in front of centre console
- E541 Sport program button
- J519 Onboard supply control unit
- J623 Engine control unit
- K91 Sports program warning lamp
- L156 Switch illumination bulb
- T10 10-pin connector, black, in front left engine compartment
- T12c 12-pin connector, black, connector B, on onboard power supply control unit
- T16b 16-pin connector, brown, on switch module centre console
- T52b 52-pin connector, yellow, on onboard supply control unit
- T60 60-pin connector, on engine control unit
- T94 94-pin connector, on engine control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- * up to May 2009
- ** from June 2009



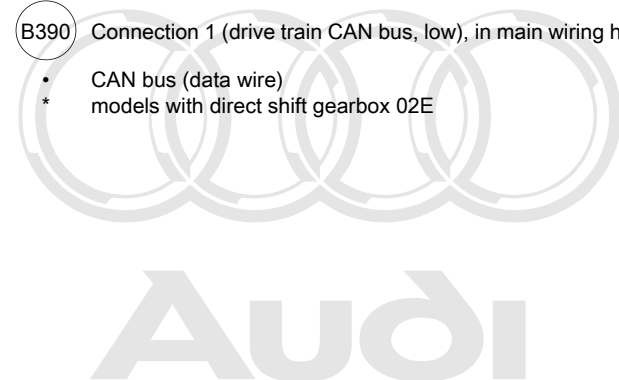
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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, fuel pump control unit, radiator fan control unit, radiator fan

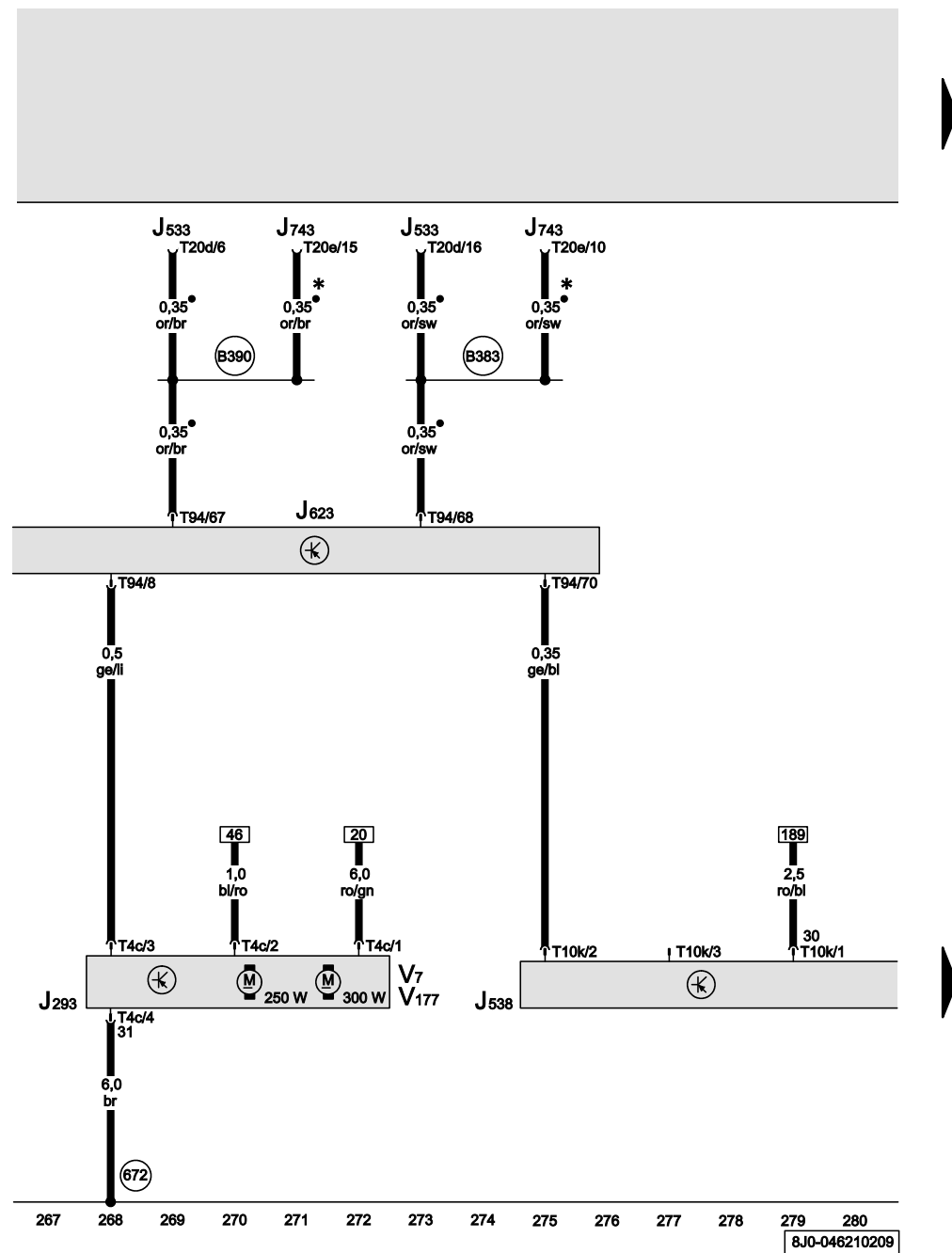
- J293 Radiator fan control unit
- J533 Data bus diagnostic interface
- J538 Fuel pump control unit
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4c 4-pin connector, black, on radiator fan control unit
- T10k 10-pin connector, black, on fuel pump control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T94 94-pin connector, on engine control unit
- V7 Radiator fan
- V177 Radiator fan 2

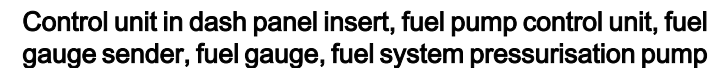
- 672 Earth point 2, on front of left longitudinal member
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * models with direct shift gearbox 02E



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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





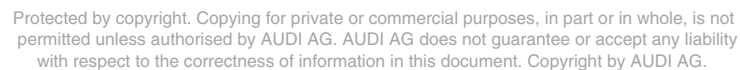
- | | |
|------|--|
| G | Fuel gauge sender |
| G1 | Fuel gauge |
| G6 | Fuel system pressurisation pump |
| J285 | Control unit in dash panel insert |
| J538 | Fuel pump control unit |
| T10k | 10-pin connector, black, on fuel pump control unit |
| T32 | 32-pin connector, blue, on control unit in dash panel insert |
| Y24 | Display in dash panel insert |

(43) Earth point, lower part of right A-pillar

(390) Earth connection 25, in main wiring harness

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

* output sender earth



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

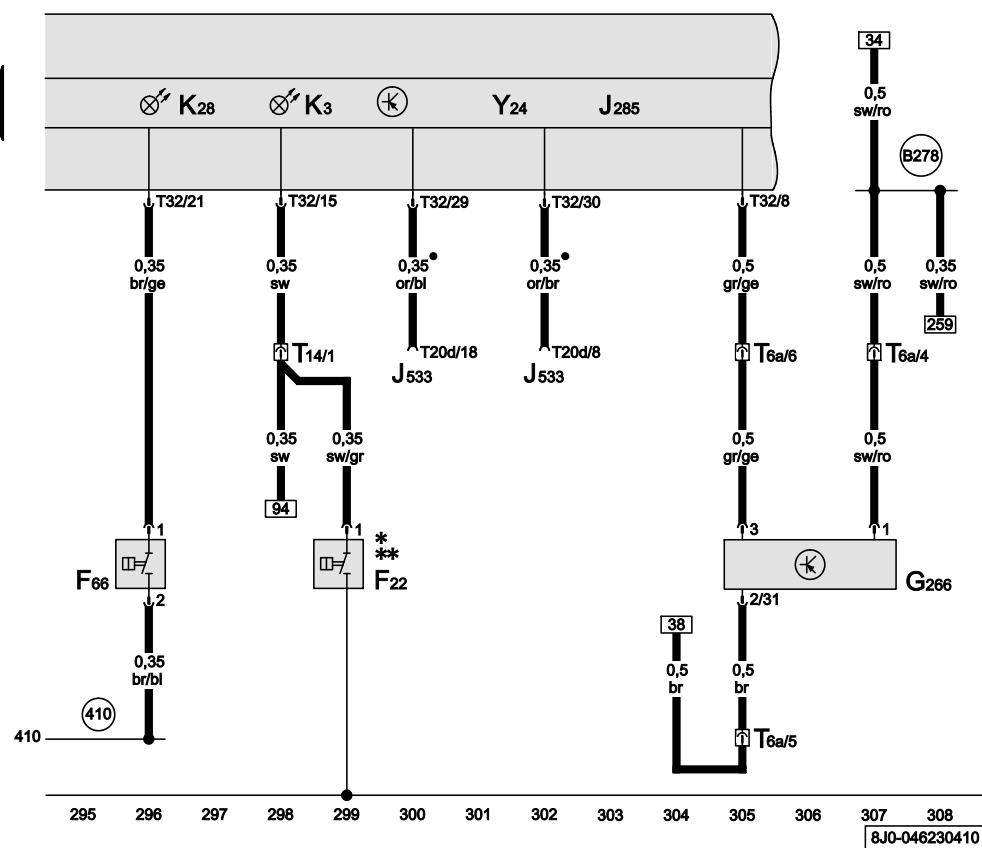
Control unit in dash panel insert, coolant shortage indicator switch, oil pressure warning lamp, coolant temperature and coolant shortage warning lamp, oil level and oil temperature sender

- F22 Oil pressure switch
- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- T6a 6-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

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

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

- CAN bus (data wire)
- * from June 2010
- ** 2.5 bar



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Basic equipment

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

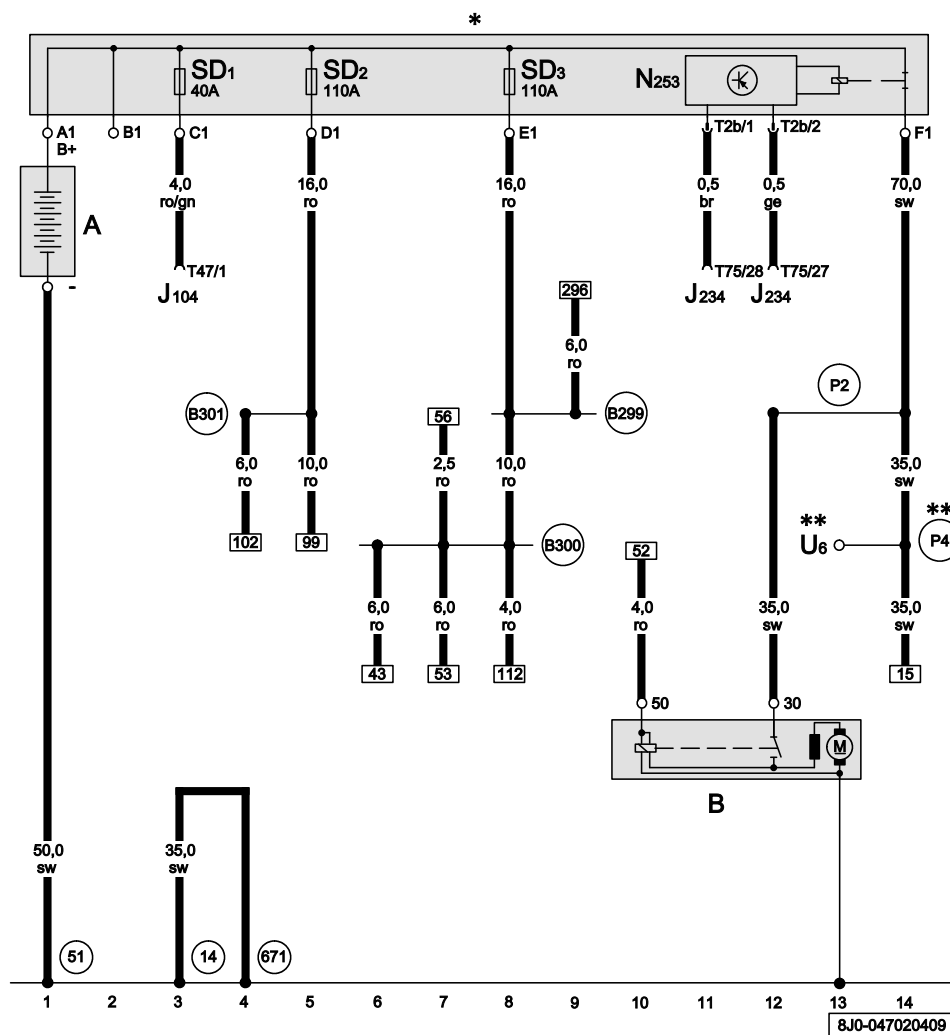
⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, starter, battery isolation igniter, main fuse box, in luggage compartment, rear right, on the battery

- A Battery
 - B Starter
 - J104 ABS control unit
 - J234 Airbag control unit
 - N253 Battery isolation igniter
 - SD1 Fuse 1 on fuse holder D
 - SD2 Fuse 2 on fuse holder D
 - SD3 Fuse 3 on fuse holder D
 - T2b 2-pin connector, purple, on battery isolation igniter
 - T47 47-pin connector, on ABS control unit
 - T75 75-pin connector, yellow, on airbag control unit
 - U6 Slave start socket
- 14 Earth point, on gearbox
 - 51 Earth point, on right in luggage compartment
 - 671 Earth point 1, on front of left longitudinal member
 - B299 Positive connection 3 (30), in main wiring harness
 - B300 Positive connection 4 (30), in main wiring harness
 - B301 Positive connection 5 (30), in main wiring harness
 - P2 Positive connection (30), in battery wiring harness
 - P4 Positive connection 2 (30), in battery wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** models with slave start socket



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Alternator, suppression filter, main fuse holder, electronics box, in engine compartment

- C Alternator
- C1 Voltage regulator
- C24 Suppression filter
- J293 Radiator fan control unit
- J623 Engine control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- T2 2-pin connector, purple, on alternator
- T4a 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left in engine compartment

85 Earth connection 1, in engine compartment wiring harness

366 Earth connection 1, in main wiring harness

672 Earth point 2, on front of left longitudinal member

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

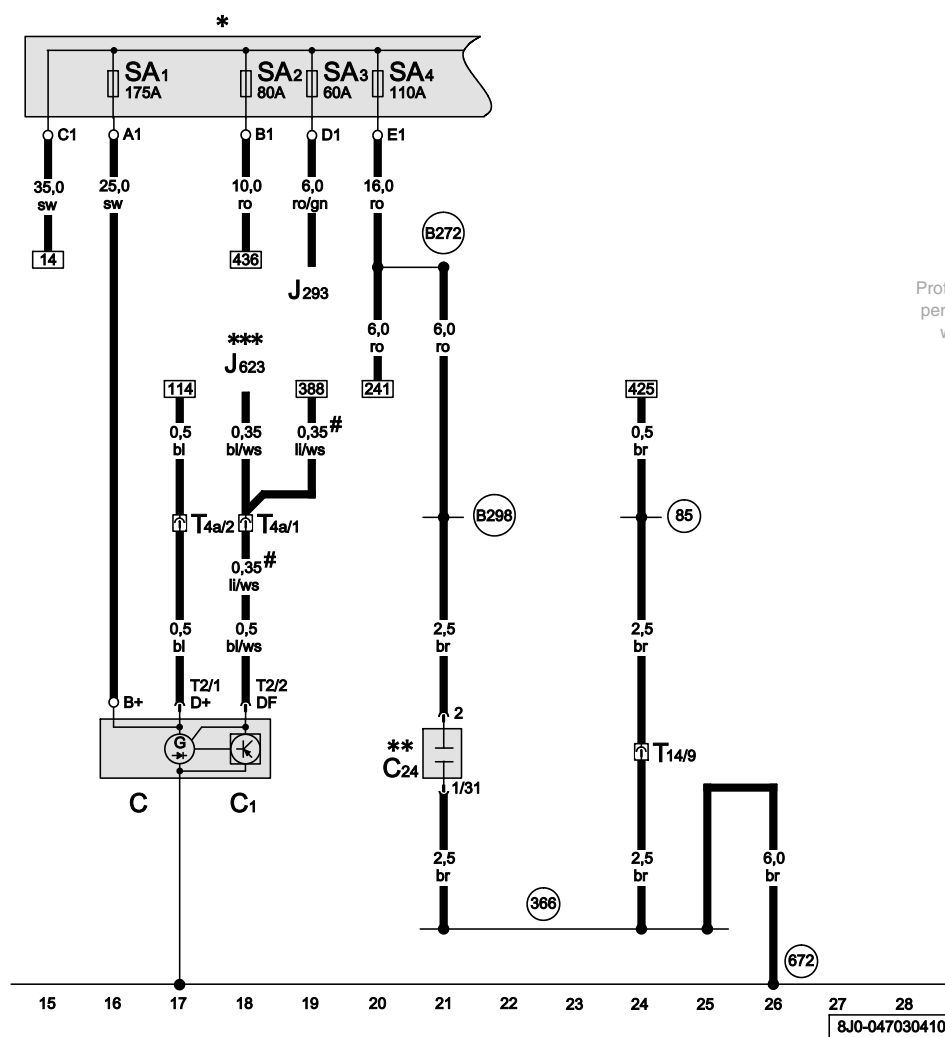
* Main fuse holder, electronics box, in front left engine compartment

** Relay and fuse carrier in electronics box engine compartment

*** ⇒ Engine Current Flow Diagram

from June 2010 ⇒ applicable recuperation Current Flow Diagram (7L7)

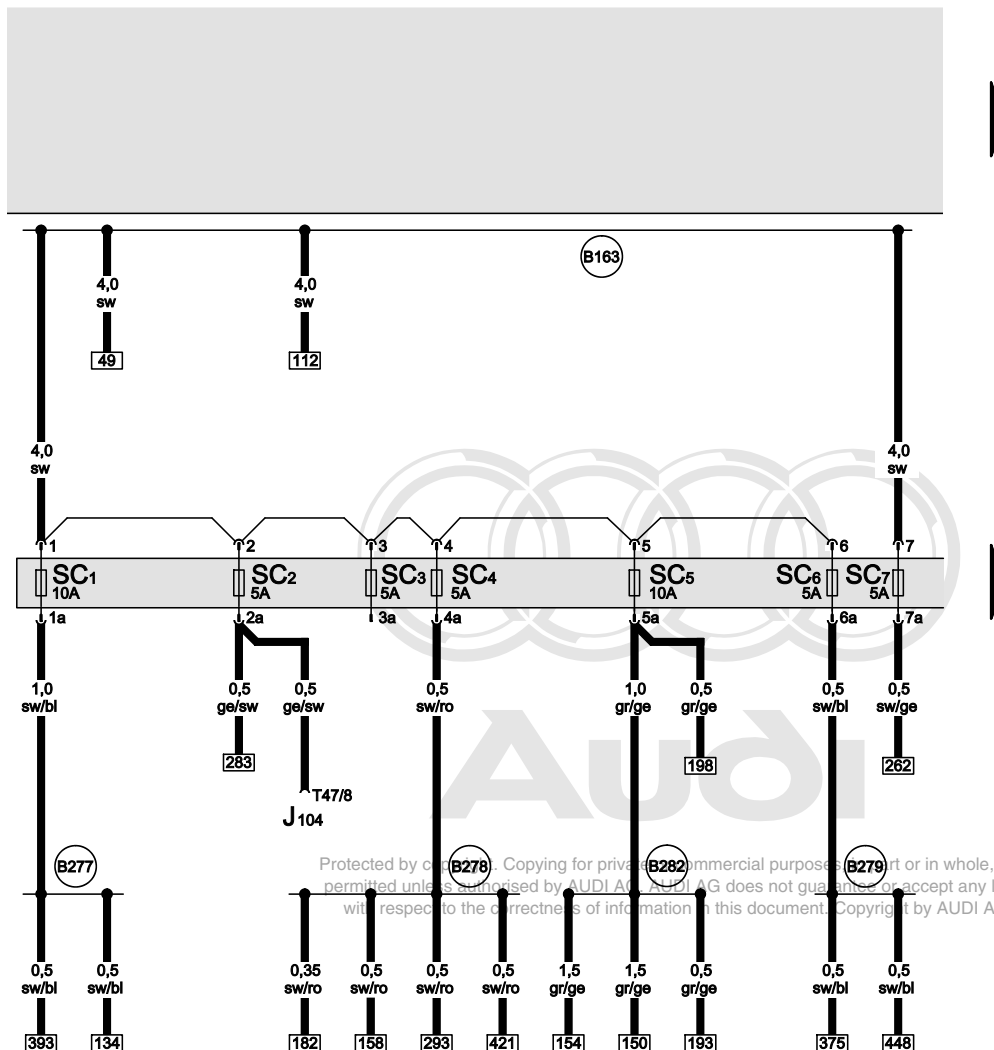
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Fuses

- J104 ABS control unit
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- T47 47-pin connector, on ABS control unit

- B163 Positive connection 1 (15), in interior wiring harness
- B277 Positive connection 1 (15a), in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B279 Positive connection 3 (15a), in main wiring harness
- B282 Positive connection 6 (15a), in main wiring harness

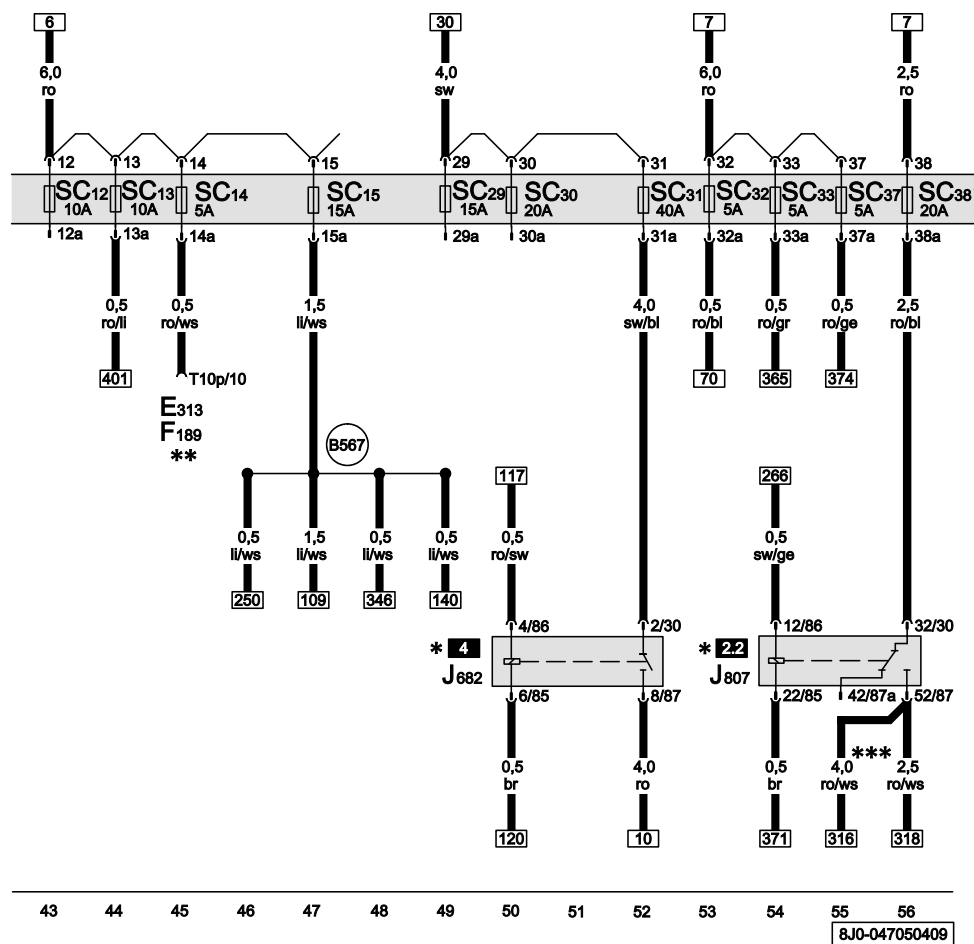


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Terminal 50 voltage supply relay, relay for power sockets, fuses

- E313 Selector lever
- F189 Tiptronic switch
- J682 Terminal 50 voltage supply relay
- J807 Relay for power sockets
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T10p 10-pin connector, on Tiptronic switch
- B567 Connection 34, in main wiring harness

- * Relay carrier under left dash panel
- ** models with direct shift gearbox 02E
- *** only USA

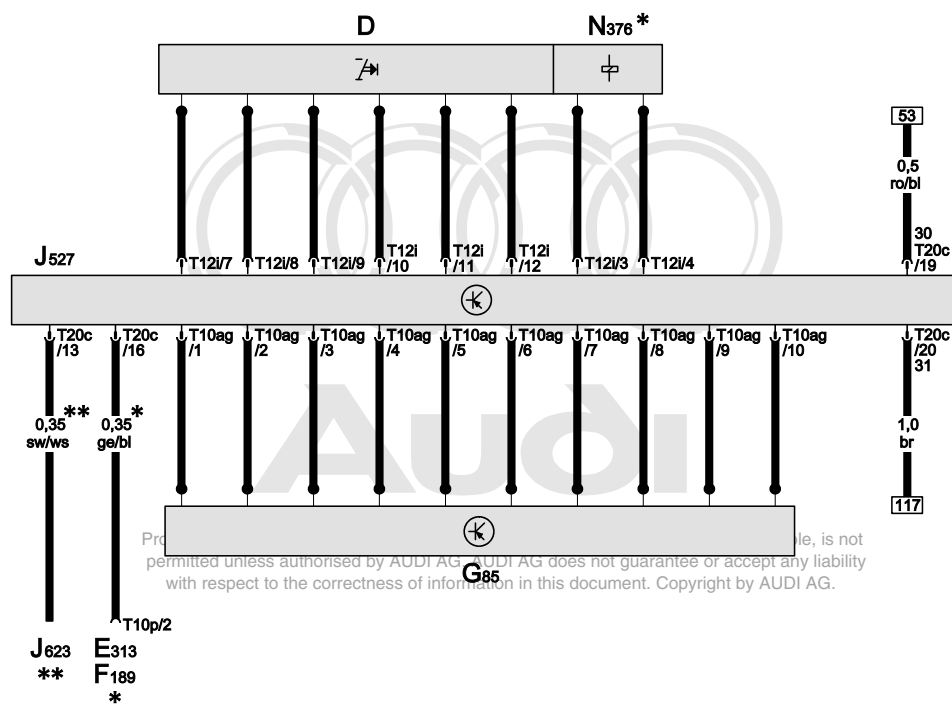


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Steering column electronics control unit, ignition/starter switch, steering angle sender, ignition key withdrawal lock solenoid

- D Ignition/starter switch
- E313 Selector lever
- F189 Tiptronic switch
- G85 Steering angle sender
- J527 Steering column electronics control unit
- J623 Engine control unit
- N376 Ignition key withdrawal lock solenoid
- T10p 10-pin connector, on Tiptronic switch
- T10ag 10-pin connector, on steering column electronics control unit
- T12i 12-pin connector, on steering column electronics control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- * models with direct shift gearbox 02E
- ** ⇒ Engine Current Flow Diagram

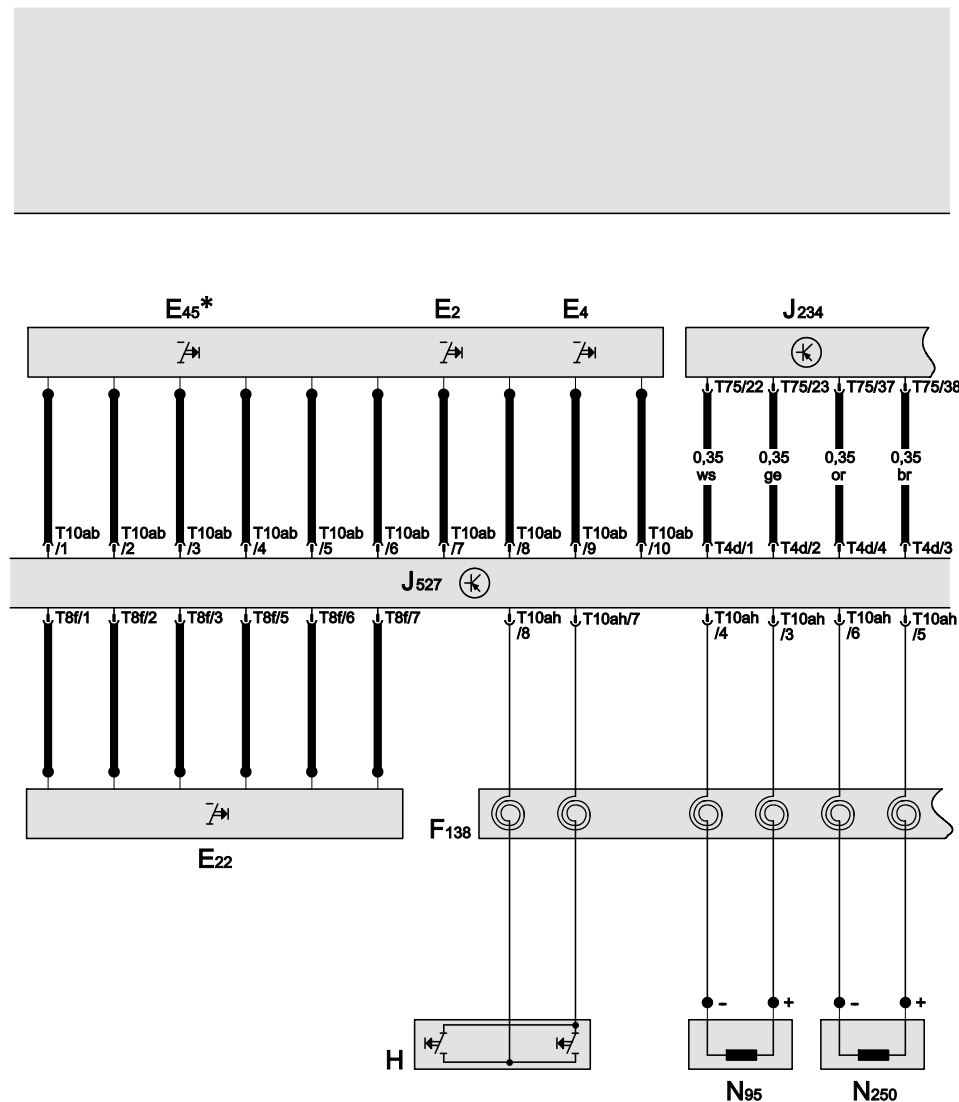


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

57	58	59	60	61	62	63	64	65	66	67	68	69	70
8J0-047060409													

Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, horn plate

- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F138 Airbag coil connector and return spring with slip ring
- H Horn plate
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T8f 8-pin connector, on steering column electronics control unit
- T10ab 10-pin connector, on steering column electronics control unit
- T10ah 10-pin connector, on steering column electronics control unit
- T75 75-pin connector, yellow, on airbag control unit
- * models with cruise control system

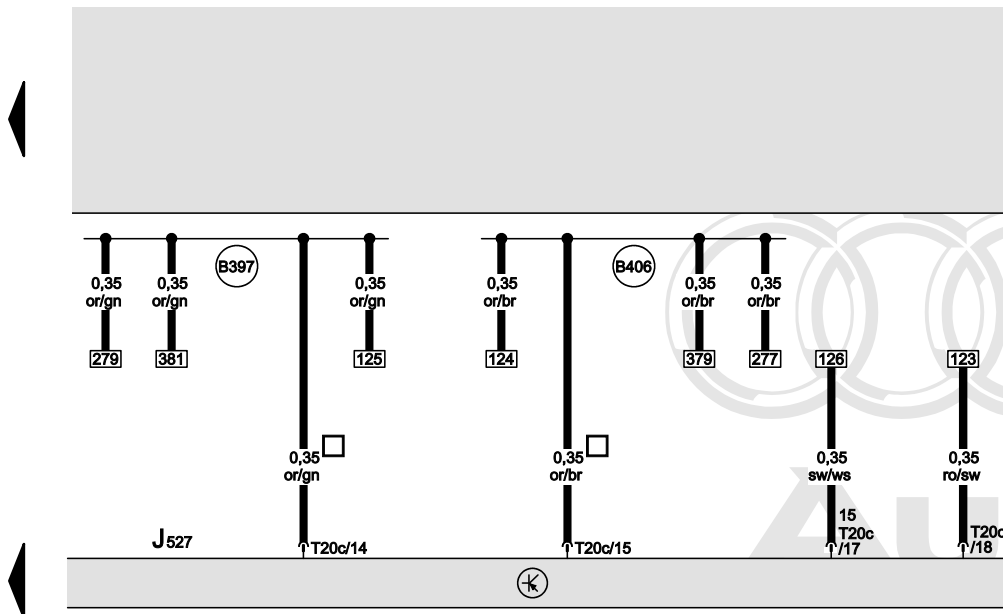


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

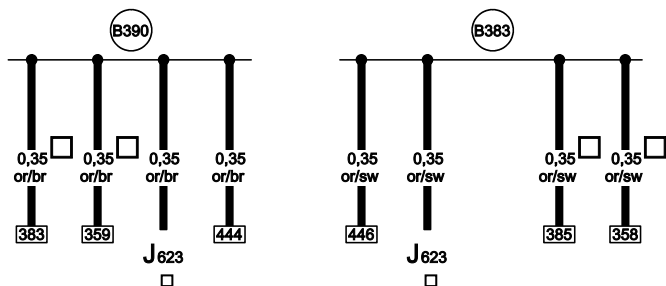
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Steering column electronics control unit, CAN bus wiring

- J527 Steering column electronics control unit
- J623 Engine control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- (B383) Connection 1 (drive train CAN bus, high), in main wiring harness
- (B390) Connection 1 (drive train 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
- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



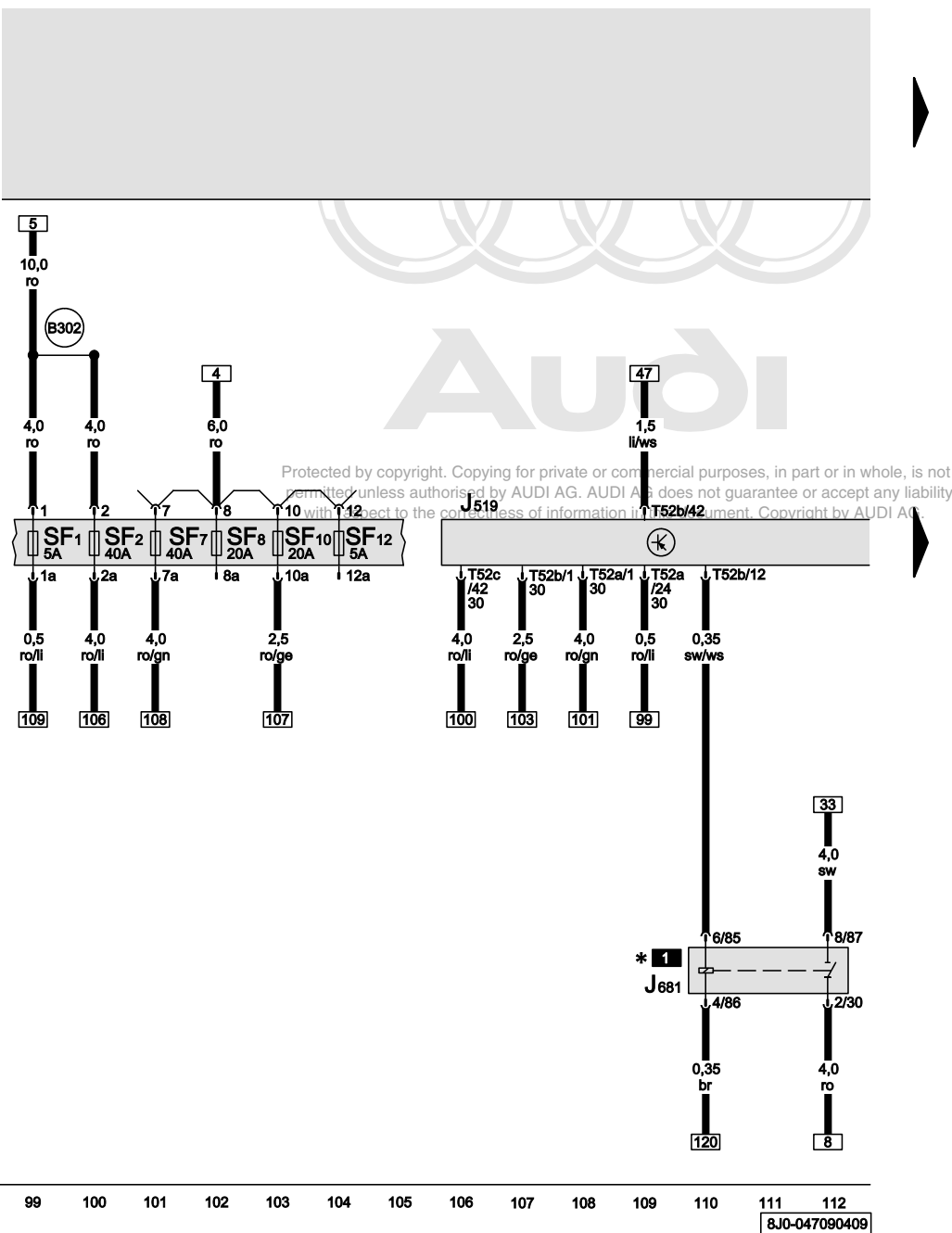
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

B302 Positive connection 6 (30), in main wiring harness

* Relay carrier on onboard power supply control unit

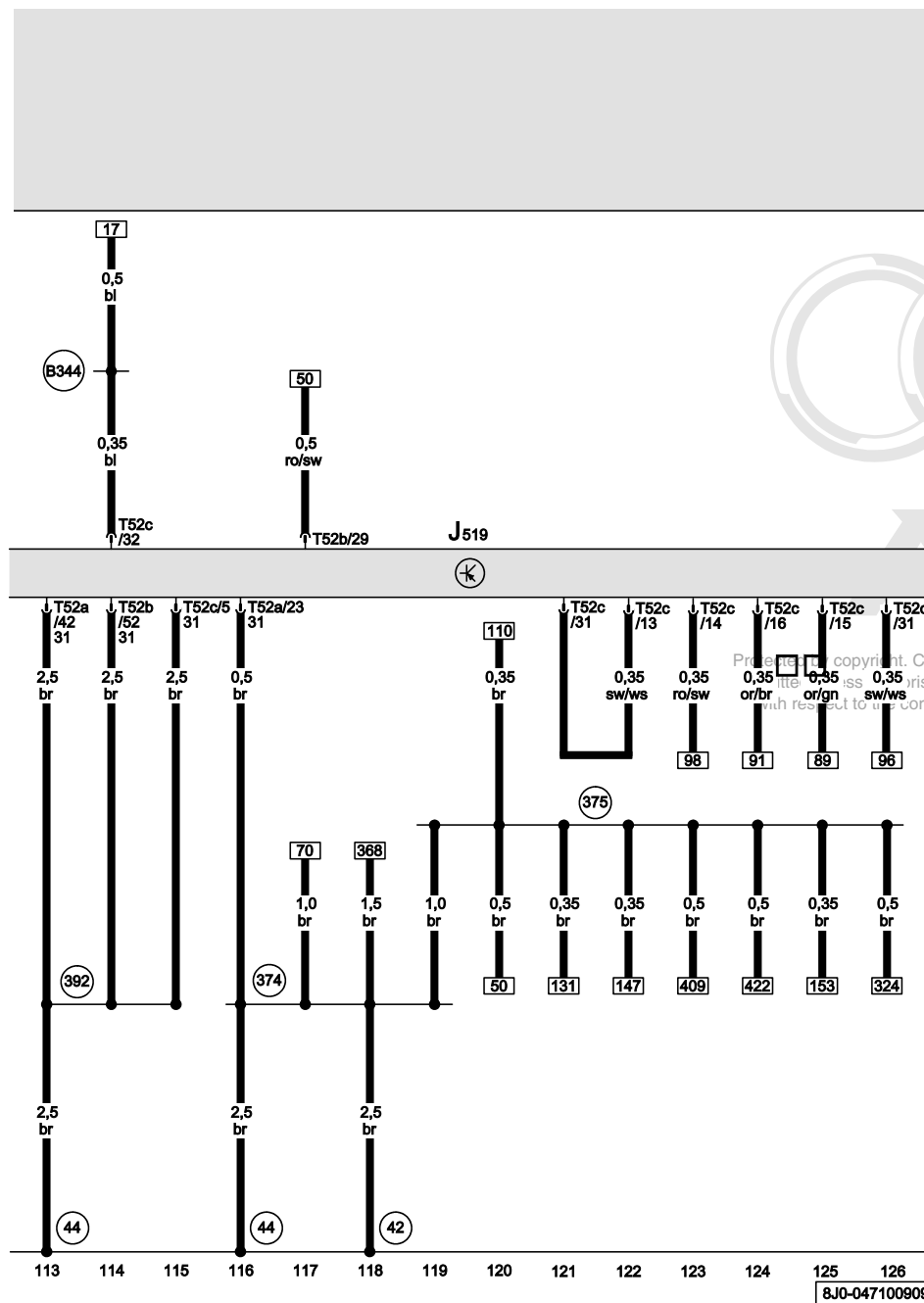


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Onboard supply control unit

- J519 Onboard supply control unit
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B344 Connection 1 (61), in main wiring harness
- CAN bus (data wire)

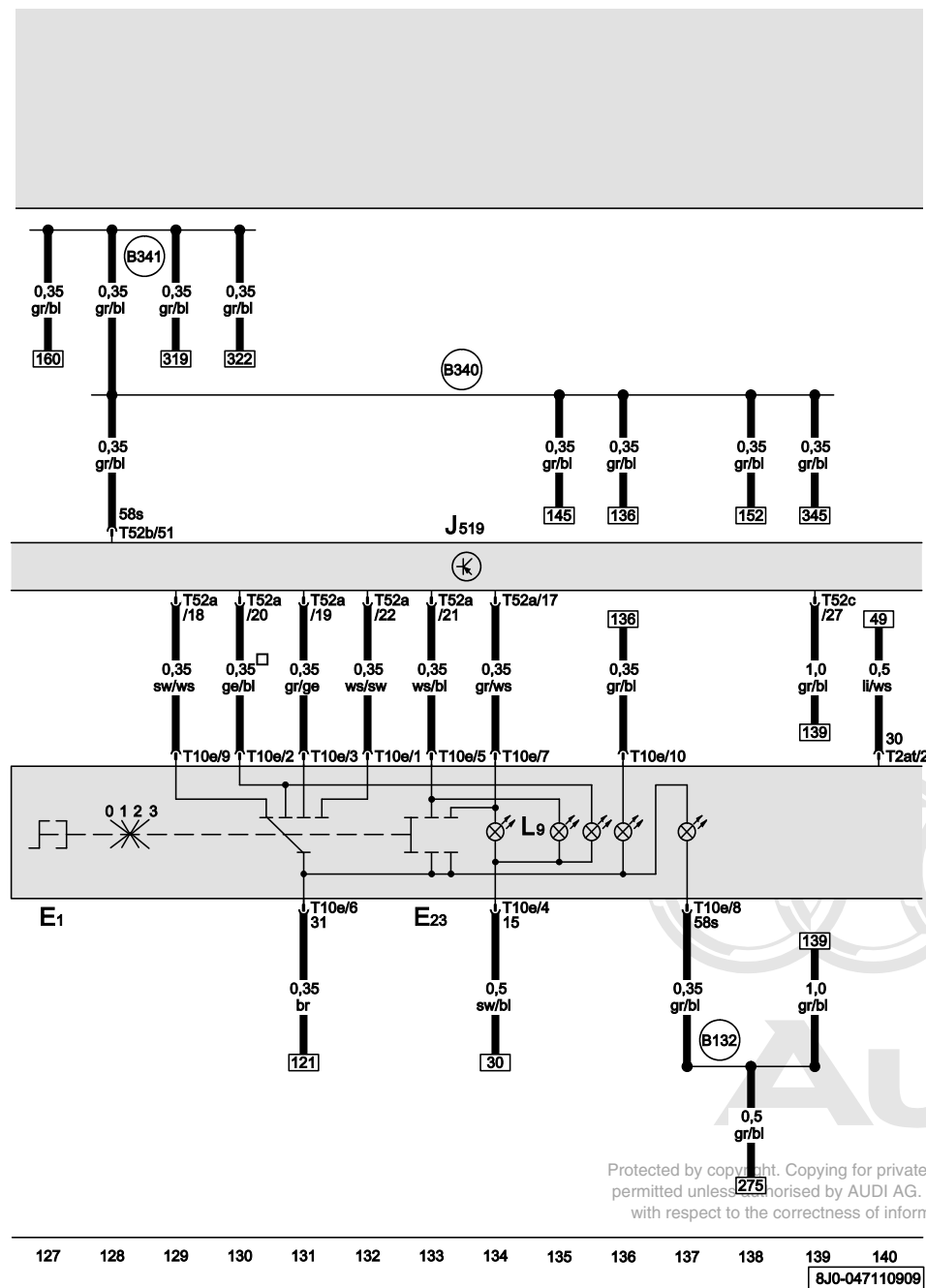


Copyright © Audi AG. All rights reserved. Copying for private or commercial purposes, in part or in whole, is not permitted without the written permission of Audi AG. Audi AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Audi AG.

8J0-047100909

Onboard supply control unit, light switch, front and rear fog light switch

- E1 Light switch
- E23 Front and rear fog light switch
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- T2at 2-pin connector, black, on light switch
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B132 Connection (number plate lights), in interior wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), in main wiring harness
- * models with automatic headlight switching



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

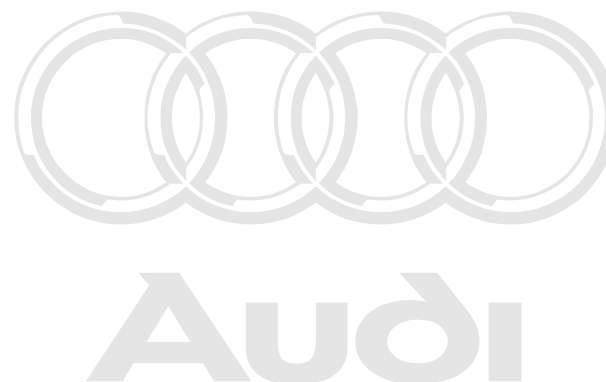
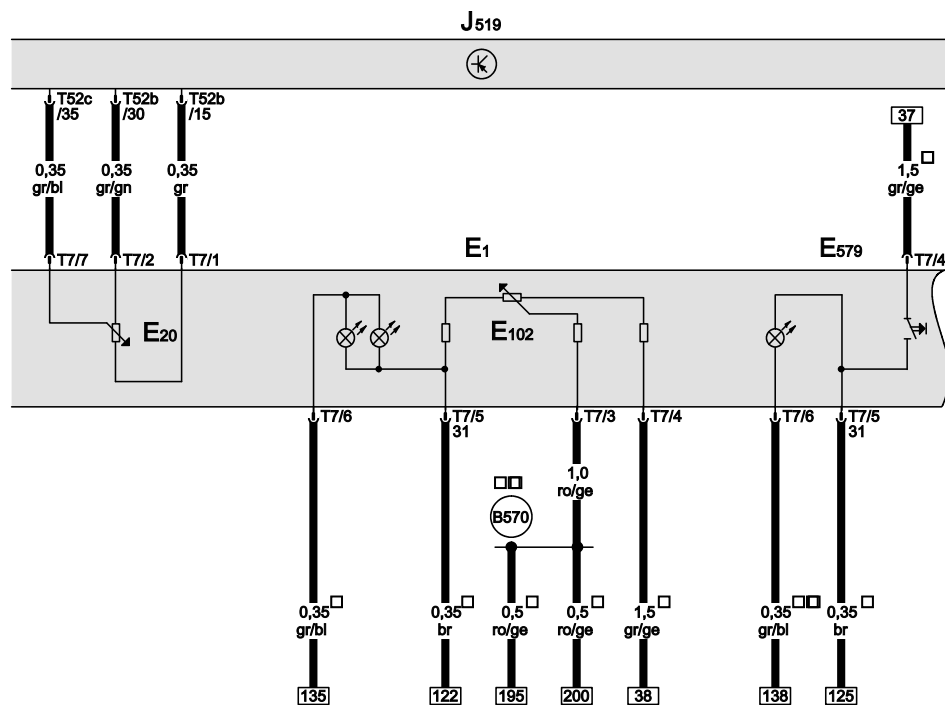
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- ij = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, light switch, headlight range control regulator, daytime running lights switch

- E1 Light switch
- E20 Switches and instruments illumination regulator
- E102 Headlight range control regulator
- E579 Switch for day driving lights switch off
- J519 Onboard supply control unit
- T7 7-pin connector, black, connector B, on light switch
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

(B570) Connection 37, in main wiring harness

- * models with manual headlight range control
- ** models with day driving light
- *** from September 2009



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

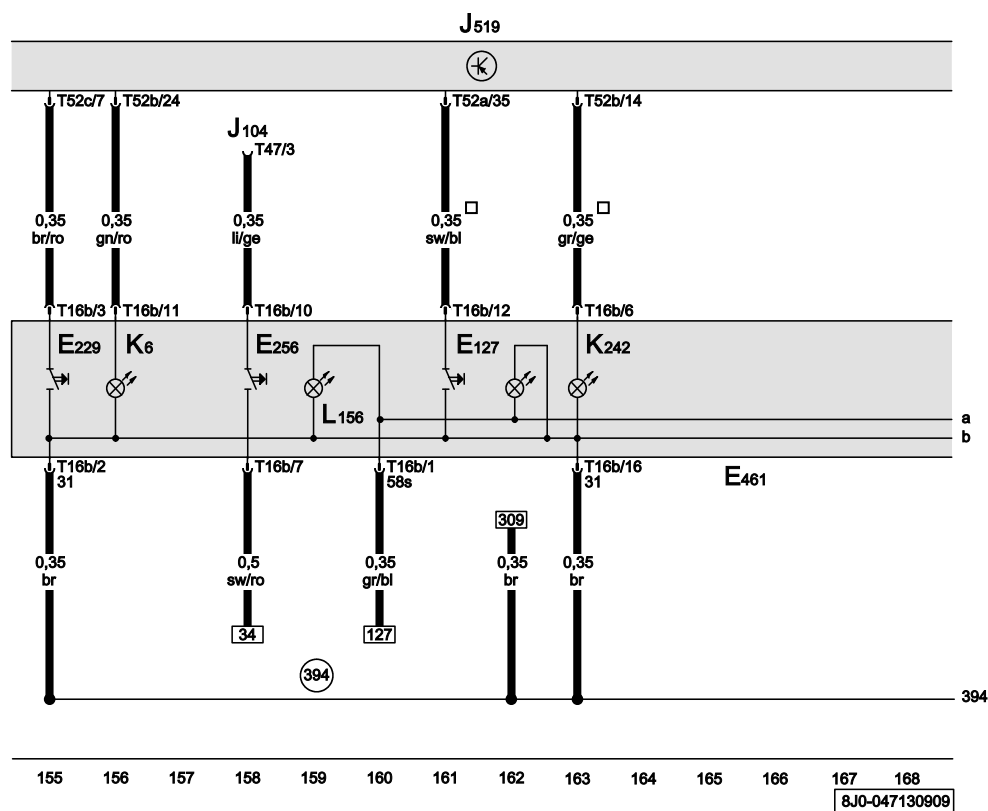
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the written permission of AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

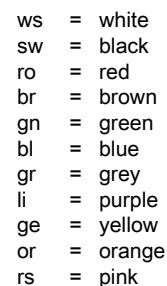
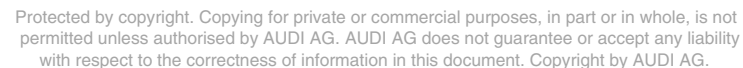
Onboard supply control unit, operating unit in front of centre console

- E127 Adjustable rear spoiler switch
- E229 Hazard warning lights button
- E256 TCS and ESP button
- E461 Operating unit in front of centre console
- J104 ABS control unit
- J519 Onboard supply control unit
- K6 Hazard warning light system warning lamp
- K242 Rear spoiler position warning lamp
- L156 Switch illumination bulb
- T16b 16-pin connector, brown, on switch module centre console
- T47 47-pin connector, on ABS control unit
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

394 Earth connection 29, in main wiring harness

* models with adjustable rear spoiler
Protected by copyright. Copying or reproducing for commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.





- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness

* ⇒ 2.5 l engine Current Flow Diagram
** models with tyre pressure monitor
*** models with electronically controlled damping
only USA
up to May 2010

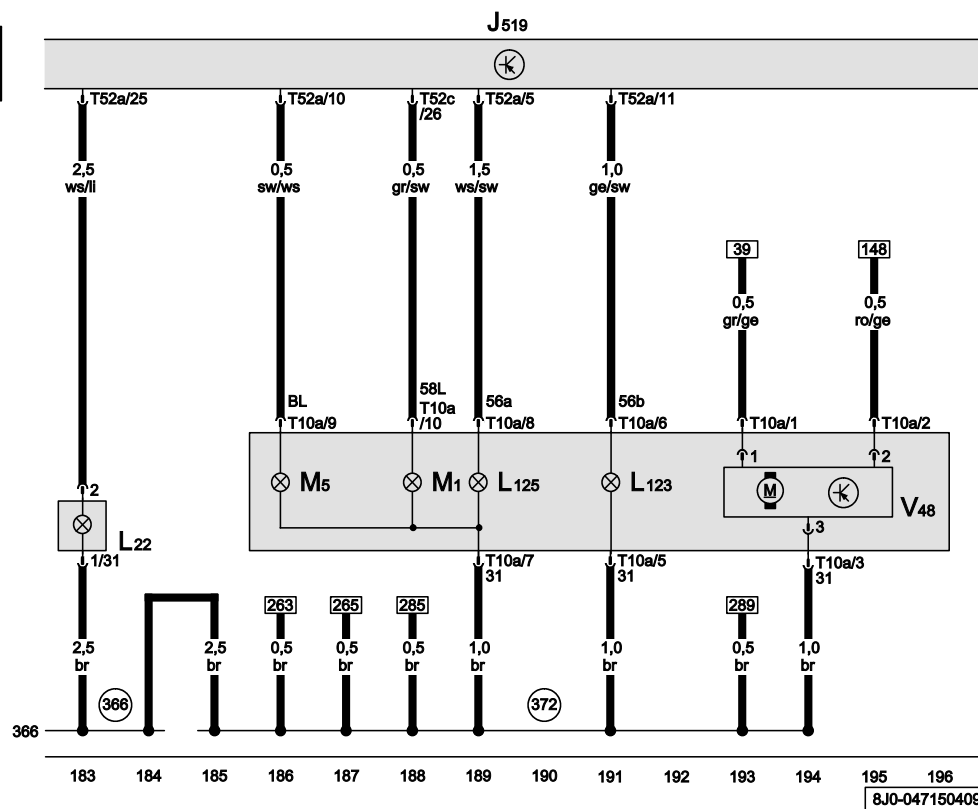
Onboard supply control unit, left fog light bulb, left side light bulb, front left turn signal bulb, left headlight range control motor, left dipped beam bulb, left main beam bulb

- J519 Onboard supply control unit
- L22 Left fog light bulb
- L123 Left dipped beam bulb
- L125 Left main beam bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- T10a 10-pin connector, on left of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V48 Left headlight range control motor

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



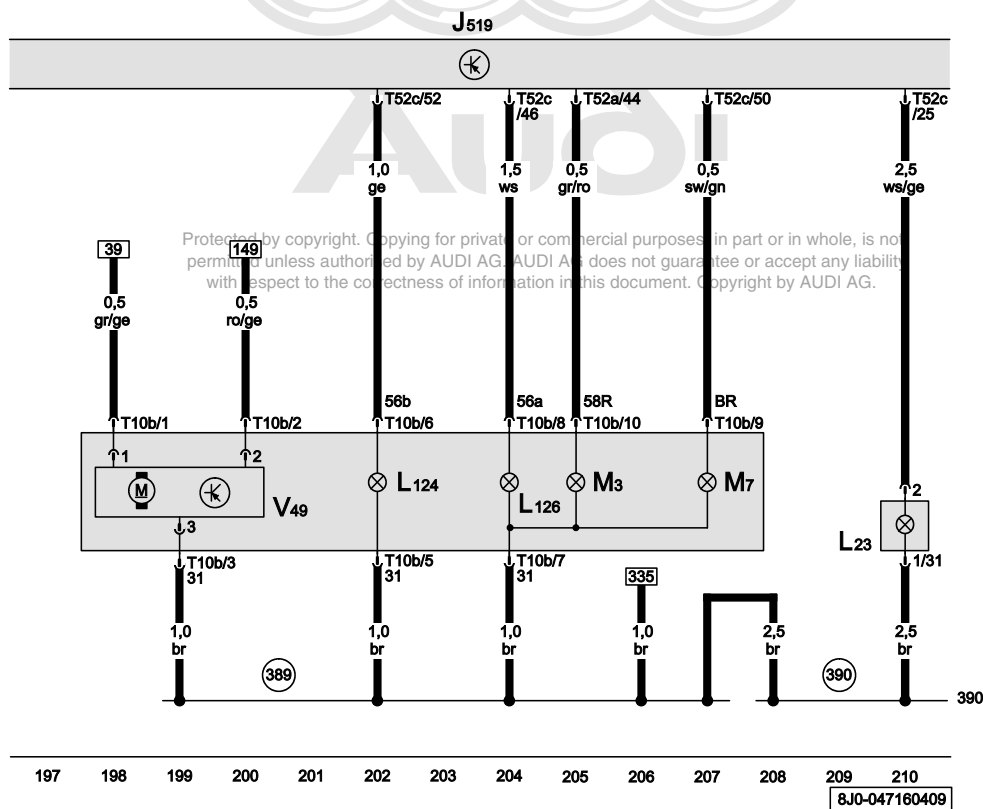
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, right fog light bulb, right side light bulb, front right turn signal bulb, right headlight range control motor, right dipped beam bulb, right main beam bulb

- J519 Onboard supply control unit
- L23 Right fog light bulb
- L124 Right dipped beam bulb
- L126 Right main beam bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- T10b 10-pin connector, on right of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V49 Right headlight range control motor

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness



Onboard supply control unit, left and right tail light

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M58 Left brake and tail light bulb 2
- M59 Right brake and tail light bulb 2
- T6k 6-pin connector, black, on left tail light
- T6l 6-pin connector, black, on right tail light
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

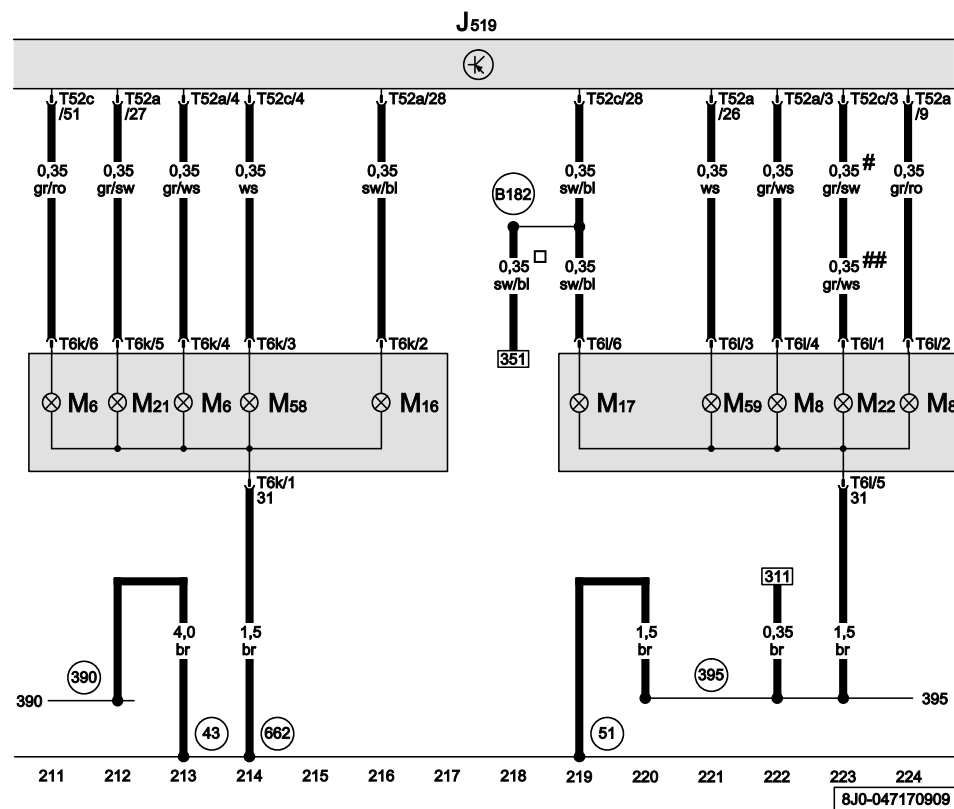
- 43 Earth point, lower part of right A-pillar
- 51 Earth point, on right in luggage compartment
- 390 Earth connection 25, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- 662 Earth point, rear left side panel
- B182 Connection (RL), in interior wiring harness

* models with automatic anti-dazzle interior mirror only

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Coupé
Roadster

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



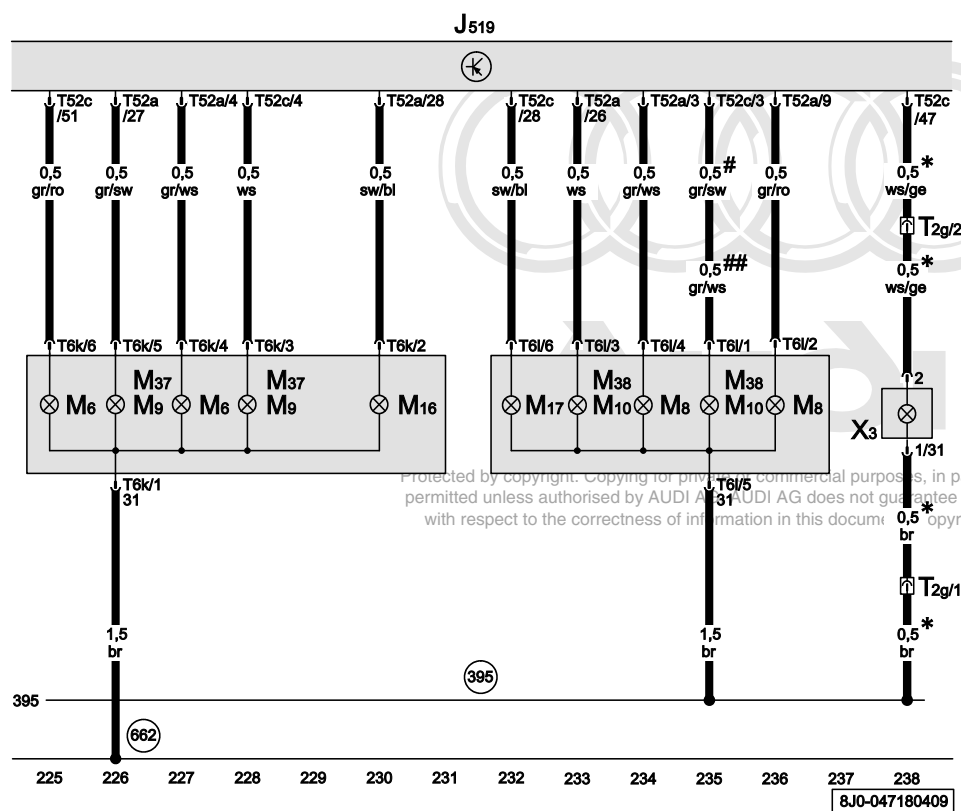
Onboard supply control unit, rear fog light, left and right tail light USA

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M37 Rear left side marker bulb
- M38 Rear right side marker bulb
- T2g 2-pin connector, black, on right in luggage compartment
- T6k 6-pin connector, black, on left tail light
- T6l 6-pin connector, black, on right tail light
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- X3 Rear fog light

395 Earth connection 30, in main wiring harness

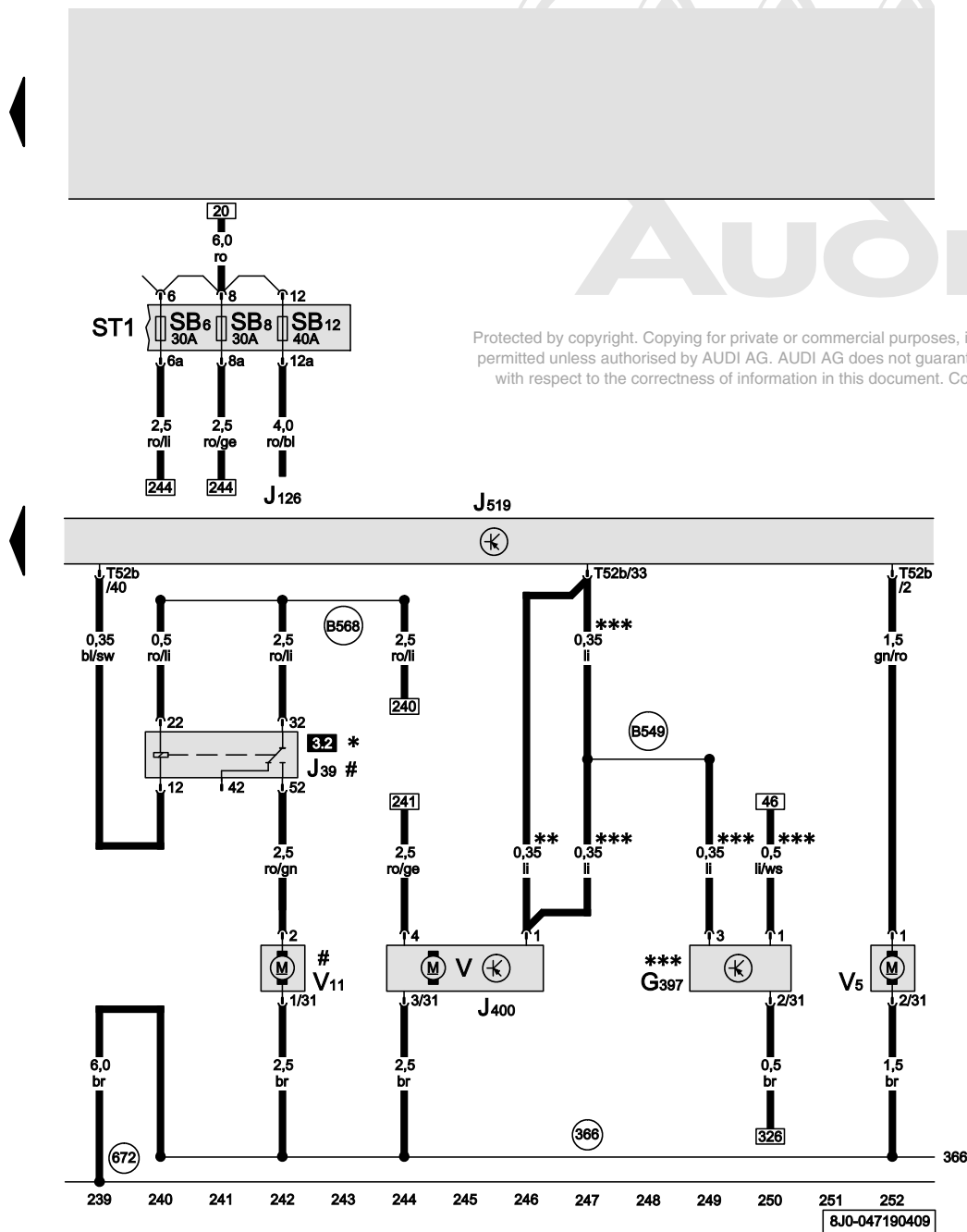
662 Earth point, rear left side panel

- * not USA
- # Coupé
- ## Roadster



Onboard supply control unit, headlight washer system relay, wiper motor control unit, rain and light sensor

- G397 Rain and light detector sensor
- J39 Headlight washer system relay
- J126 Fresh air blower control unit
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T52b 52-pin connector, yellow, on onboard supply control unit
- V Windscreen wiper motor
- V5 Washer pump
- V11 Headlight washer system pump
- 366 Earth connection 1, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B549 Connection 2 (LIN bus), in main wiring harness
- B568 Connection 35, in main wiring harness
- * Relay and fuse carrier in electronics box engine compartment
- ** models without rain and light detector sensor
- *** models with rain and light detector sensor
- # models with headlight washer system
- ## Relay carrier on onboard power supply control unit

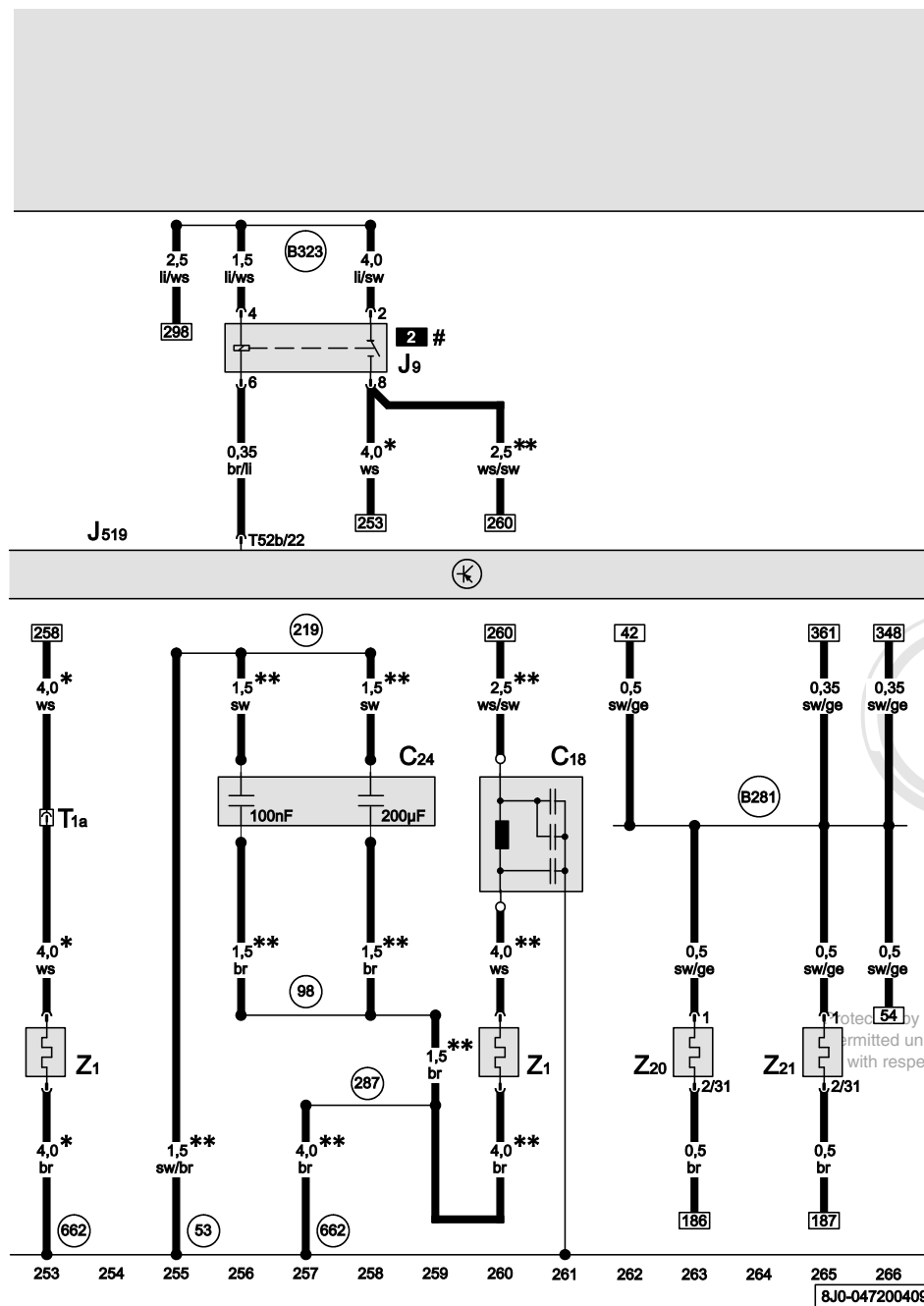


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Onboard supply control unit, heated rear window relay, heated rear window, washer jet heater element

- C18 Window aerial suppression filter
- C24 Suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- T1a Single connector, black, left side panel
- T52b 52-pin connector, yellow, on onboard supply control unit
- Z1 Heated rear window
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 53 Earth point, on right in rear lid
- 98 Earth connection, in rear lid wiring harness
- 219 Earth connection 2, in rear lid wiring harness
- 287 Earth connection, in rear lid feeder wiring harness
- 662 Earth point, rear left side panel
- B281 Positive connection 5 (15a), in main wiring harness
- B323 Positive connection 9 (30a), in main wiring harness
- * models without radio
- ** models with radio
- # Relay carrier on onboard power supply control unit



Onboard supply control unit, heated rear window button, high level brake light bulb, number plate left and right light

- E230 Heated rear window button
- J255 Climatronic control unit
- J519 Onboard supply control unit
- M25 High level brake light bulb
- T8e 8-pin connector, brown, in left side panel, to rear lid
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T52a 52-pin connector, black, on onboard supply control unit
- X4 Number plate left light
- X5 Number plate right light

218 Earth connection 1, in rear lid wiring harness

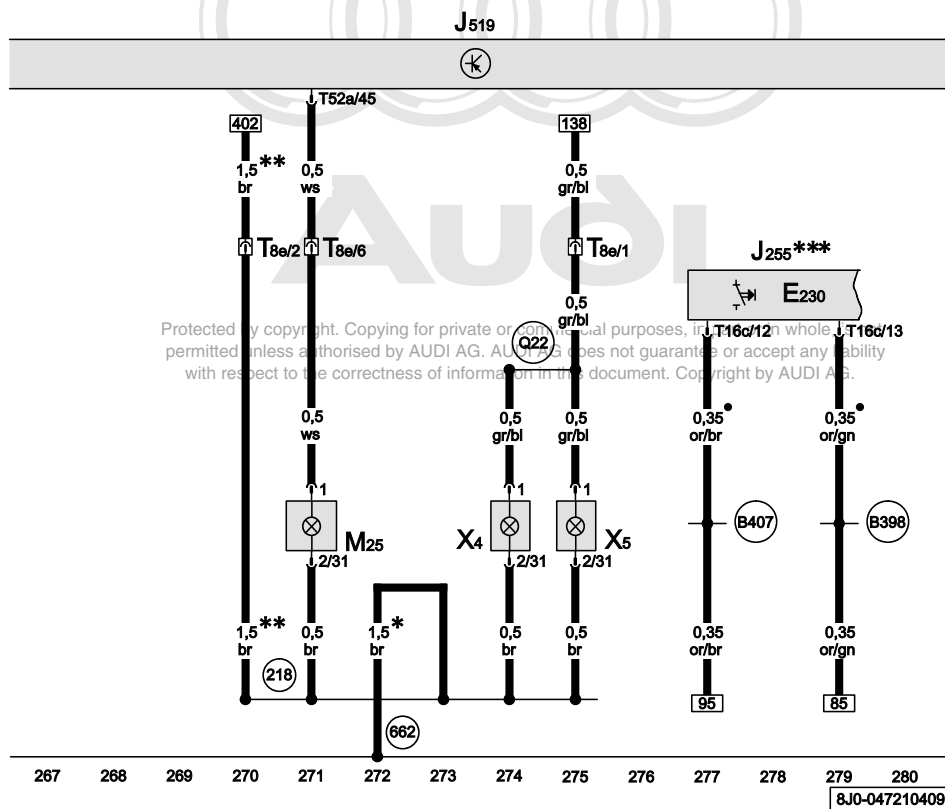
662 Earth point, rear left side panel

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

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

Q22 Connection 1, in rear lid wiring harness

- CAN bus (data wire)
- * Coupé
- ** Roadster
- *** Operation for heated rear window via CAN bus



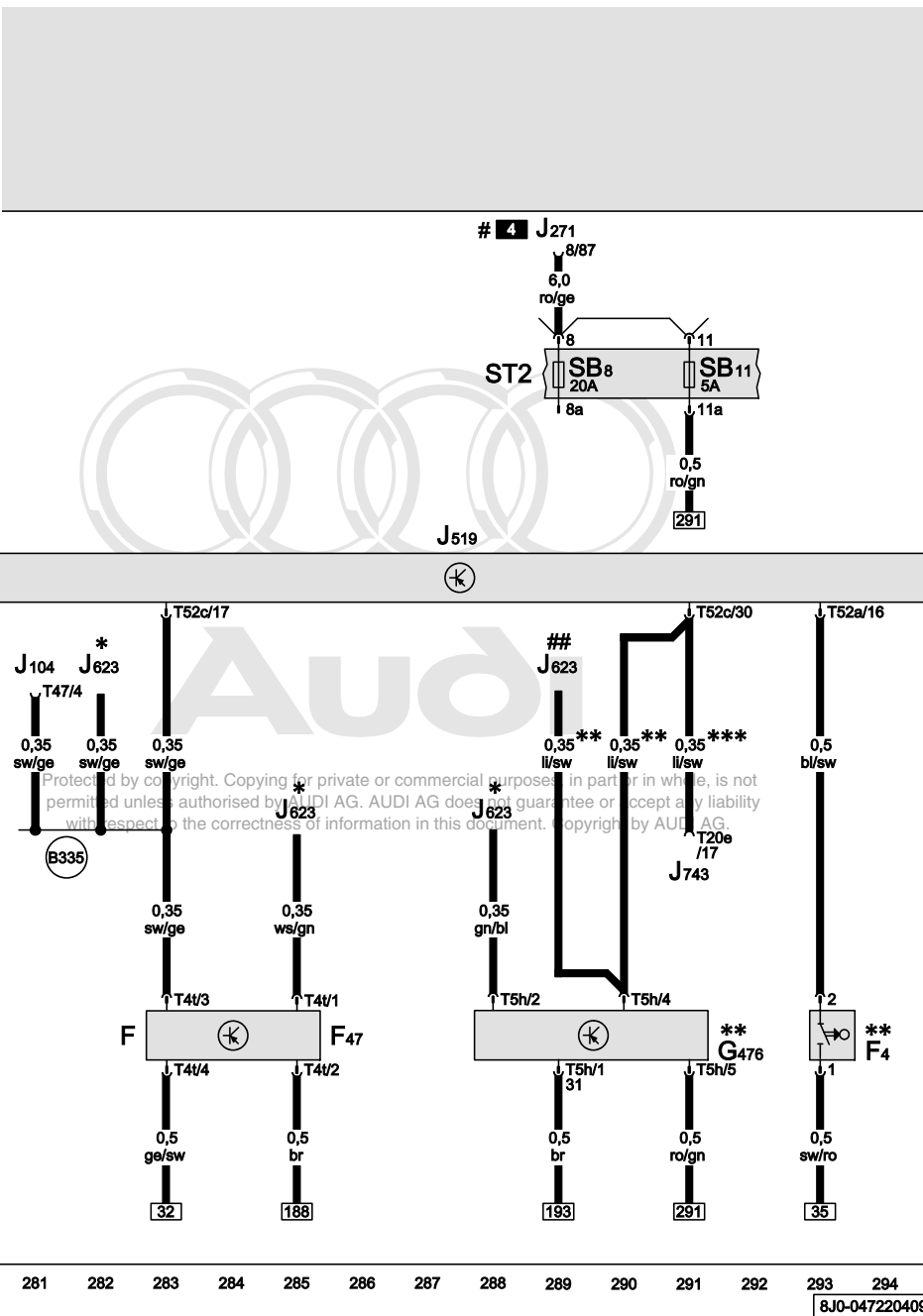
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard power supply control unit, brake light switch, brake pedal switch, reversing light switch, clutch position sender

- F Brake light switch
- F4 Reversing light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Motronic current supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB8 Fuse 8 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- T4t 4-pin connector, black, on brake light switch
- T5h 5-pin connector, black, on clutch position sender
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T47 47-pin connector, on ABS control unit
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

B335 Connection 1 (54), in main wiring harness

- * ⇒ Engine Current Flow Diagram
- ** models with manual gearbox
- *** models with direct shift gearbox 02E
- # Relay and fuse carrier in electronics box engine compartment
- ## ⇒ 2.5 l engine 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

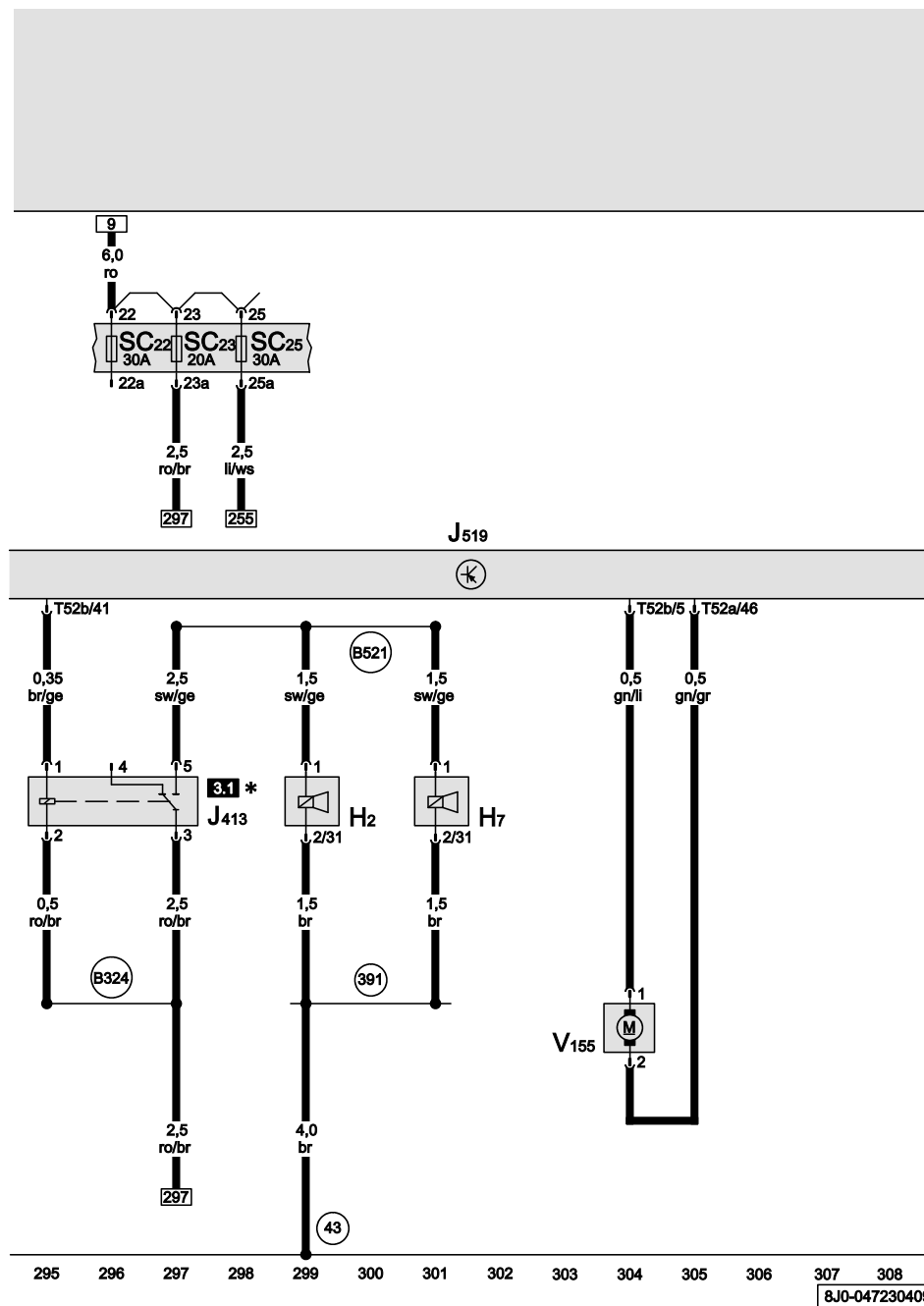
Onboard supply control unit, horn relay, treble horn, bass horn, tank filler flap locking motor

- H2 Treble tone horn
- H7 Bass tone horn
- J413 Horn relay
- J519 Onboard supply control unit
- SC22 Fuse 22 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- V155 Tank filler flap locking motor

- 43 Earth point, lower part of right A-pillar
- 391 Earth connection 26, in main wiring harness
- B324 Positive connection 10 (30a), in main wiring harness
- B521 Connection (dual tone horn), in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Relay carrier on onboard power supply control unit



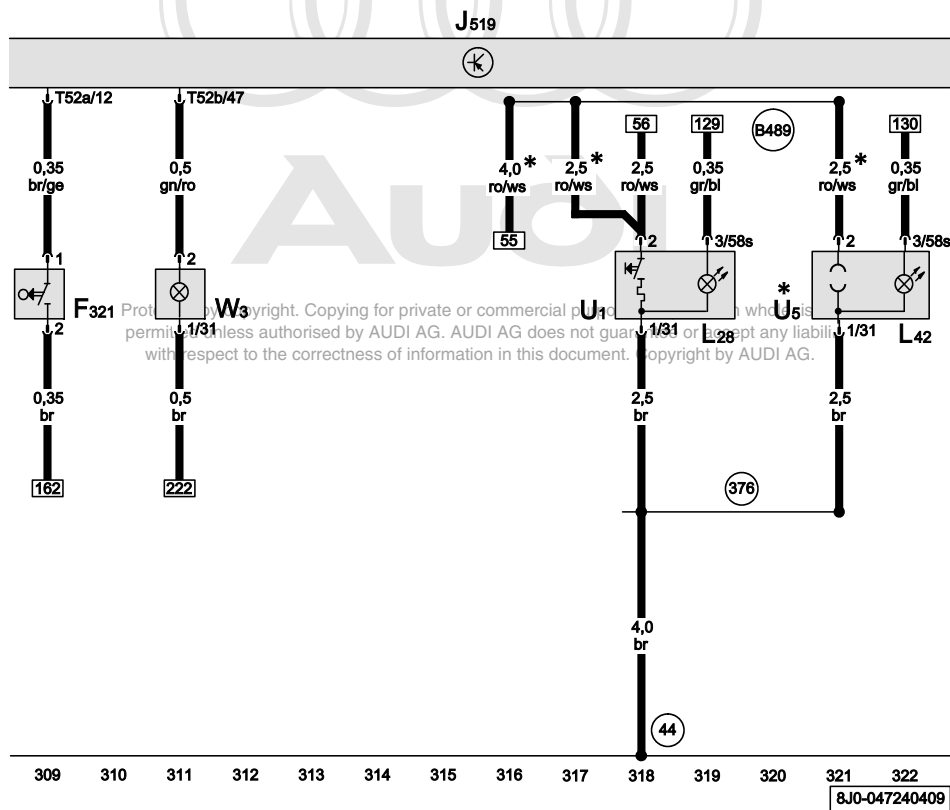
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, parking brake contact switch, socket illumination bulb, cigarette lighter, 12 V socket, luggage compartment light

- F321 Parking brake contact switch
- J519 Onboard supply control unit
- L28 Cigarette lighter illumination bulb
- L42 Socket illumination bulb
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- U1 Cigarette lighter
- U5 12 V socket
- W3 Luggage compartment light

- 44 Earth point, lower part of left A-pillar
- 376 Earth connection 11, in main wiring harness
- B489 Connection 25, in main wiring harness

* only USA

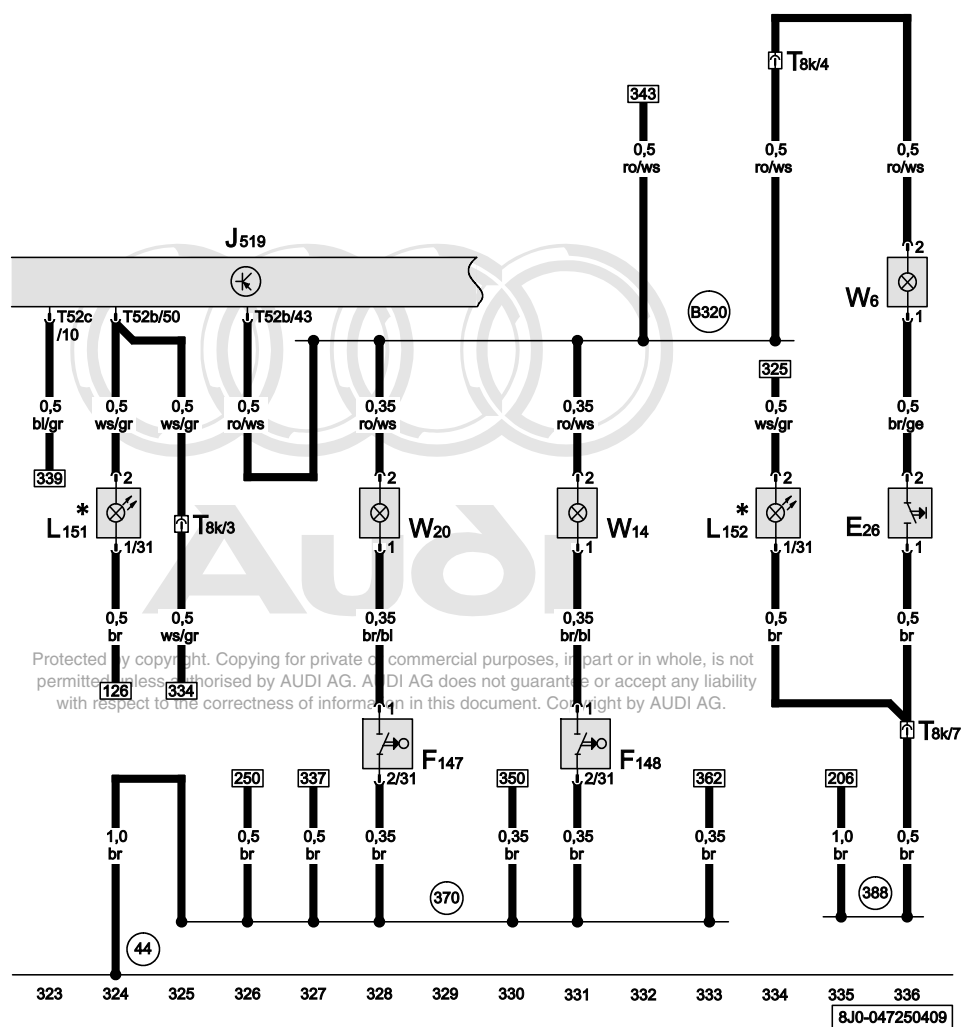


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Onboard supply control unit, vanity mirror contact switch, glove compartment light, illuminated vanity mirror

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger side vanity mirror contact switch
- J519 Onboard supply control unit
- L151 Front left footwell illumination bulb
- L152 Front right footwell illumination bulb
- T8k 8-pin connector, black, behind right dash panel
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

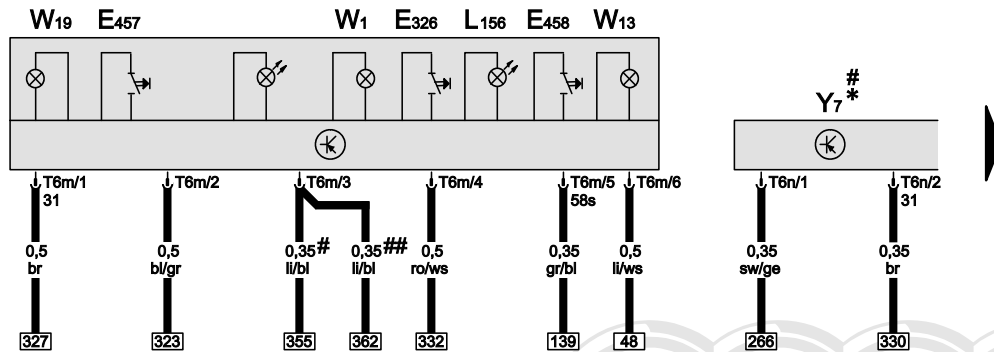
- 44 Earth point, lower part of left A-pillar
- 370 Earth connection 5, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B320 Positive connection 6 (30a), in main wiring harness
- * Models with LED equipment (QQ1)



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

Front interior light button, reading light button, front interior light, reading light, automatic anti-dazzle interior mirror

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- L156 Switch illumination bulb
- T6m 6-pin connector, brown, on interior light
- T6n 6-pin connector, black, on interior mirror
- W1 Front interior light
- W13 Front passenger side reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror
- * models with automatic anti-dazzle interior mirror only
- # models without main beam assistant
- ## models with main beam assistant



Protected by copyright. Copying for private or commercial purposes, in particular for reproduction, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

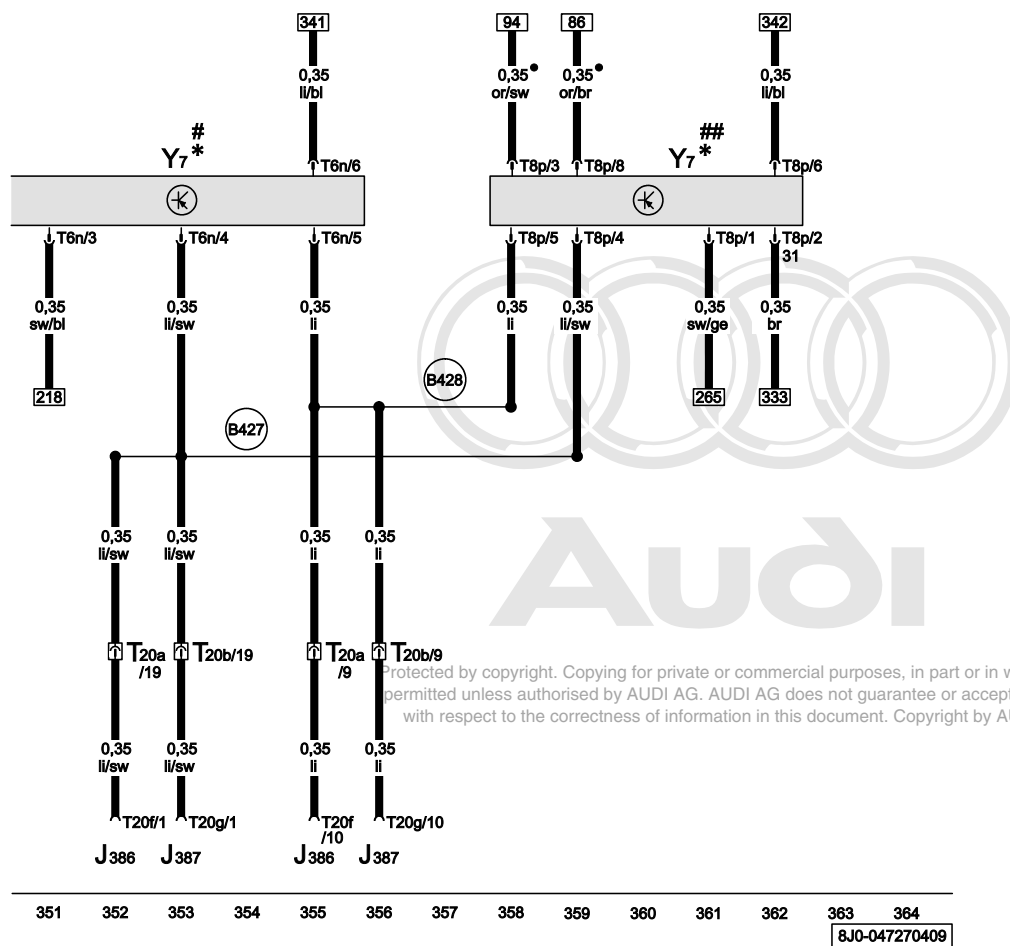
Automatic anti-dazzle interior mirror with and without main beam assist

- J386 Driver door control unit
- J387 Front passenger side door control unit
- T6n 6-pin connector, black, on interior mirror
- T8p 8-pin connector, black, on interior mirror
- T20a 20-pin connector, black, in front left door
- T20b 20-pin connector, black, in the front right door
- T20f 20-pin connector, black, connector A, on driver door control unit
- T20g 20-pin connector, connector A, on front passenger door control unit
- Y7 Automatic anti-dazzle interior mirror

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- CAN bus (data wire)
- * models with automatic anti-dazzle interior mirror only
- # models without main beam assistant
- ## models with main beam assistant



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

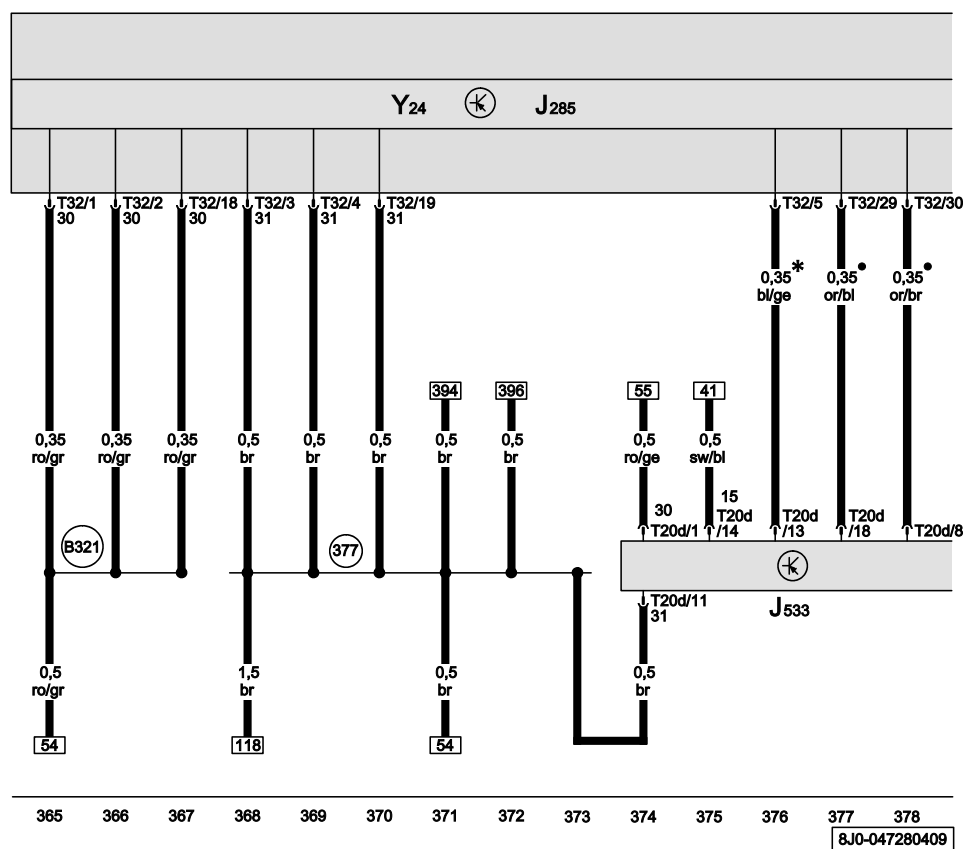
Control unit in dash panel insert, data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

377 Earth connection 12, in main wiring harness

B321 Positive connection 7 (30a), in main wiring harness

- CAN bus (data wire)
- * Wake Up wire (exciter wire)

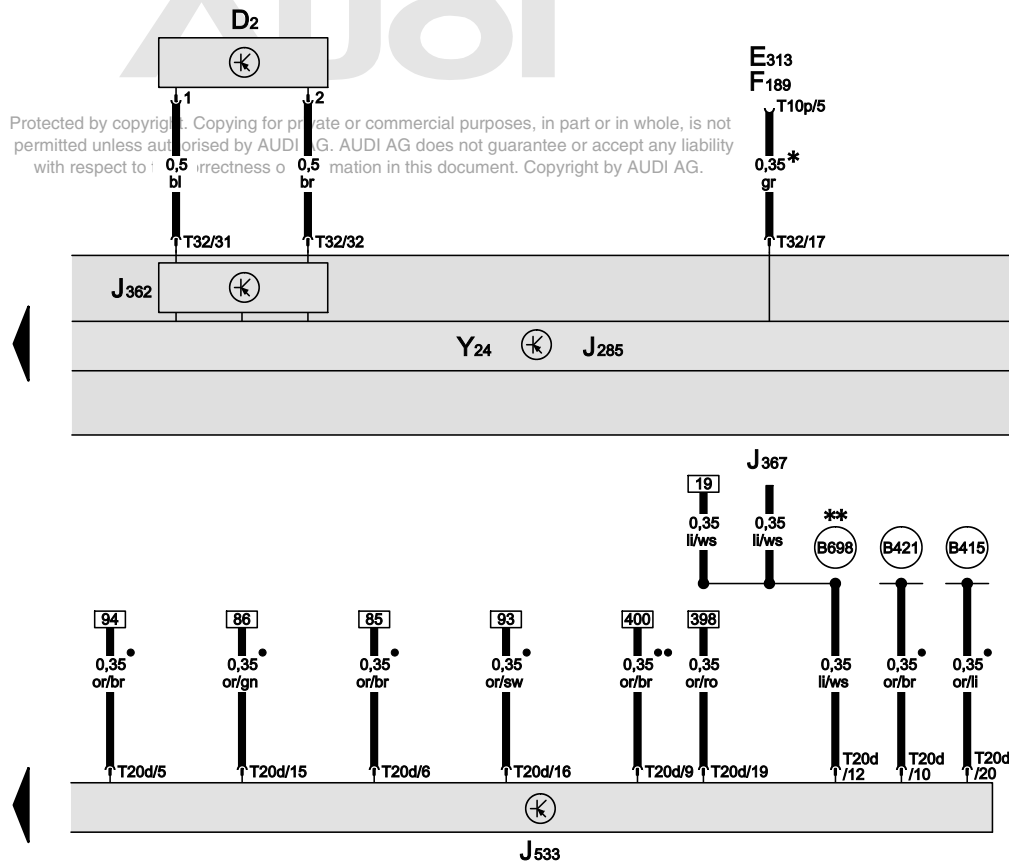


Control unit in dash panel insert, data bus diagnostic interface, immobilizer control unit, immobilizer reader coil

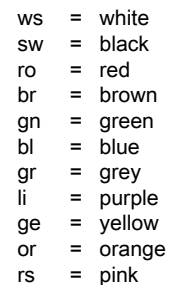
- D2 Immobilizer reader coil
- E313 Selector lever
- F189 Tiptronic switch
- J285 Control unit in dash panel insert
- J362 Immobilizer control unit
- J367 Battery monitor control unit
- J533 Data bus diagnostic interface
- T10p 10-pin connector, on Tiptronic switch
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

- (B415) Connection 1 (infotainment CAN bus, high), in main wiring harness
- (B421) Connection 1 (infotainment CAN bus, low), in main wiring harness
- (B698) Connection 3 (LIN bus), in main wiring harness

- CAN bus (data wire)
- * models with direct shift gearbox 02E
- ** models with recuperation (7L7) => applicable recuperation Current Flow Diagram (7L7)



Y₂₄ (K) J₂₈₅ Y₈ 10:36

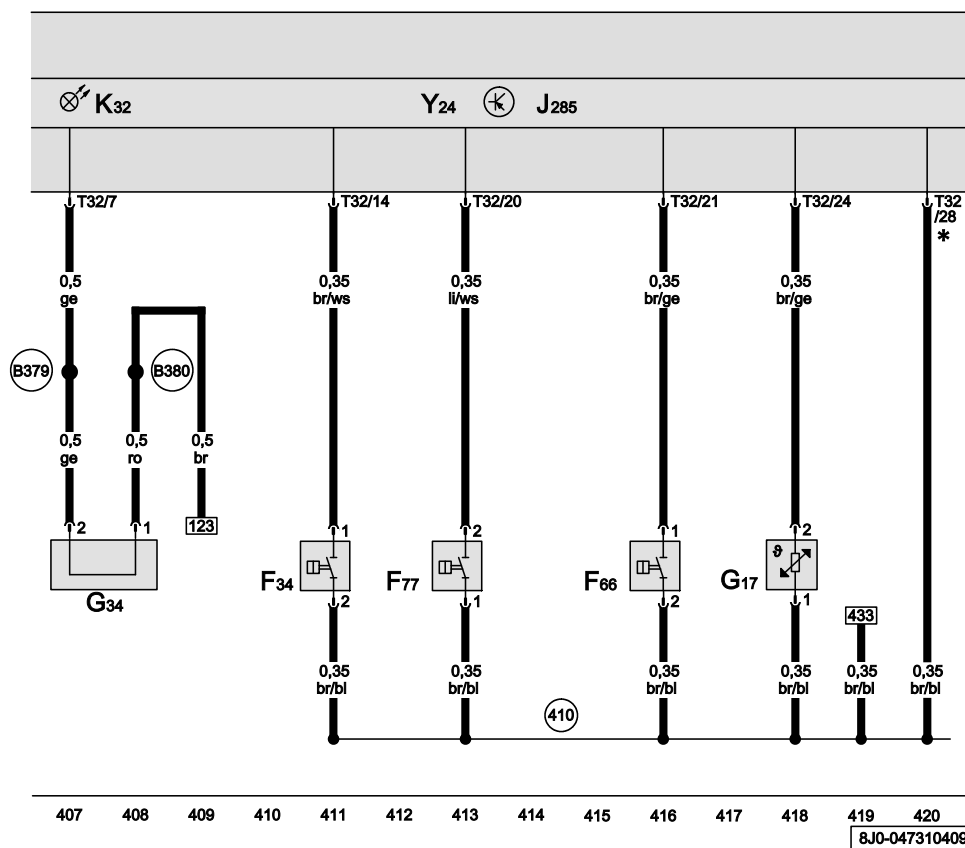


- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram

Control unit in dash panel insert, brake fluid level warning contact, ambient temperature sensor, front left brake pad wear sender, brake pad warning lamp, coolant shortage indicator switch, washer fluid warning contact

- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- F77 Washer fluid warning contact
- G17 Ambient temperature sensor
- G34 Front left brake pad wear sender
- J285 Control unit in dash panel insert
- K32 Brake pad warning lamp
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert

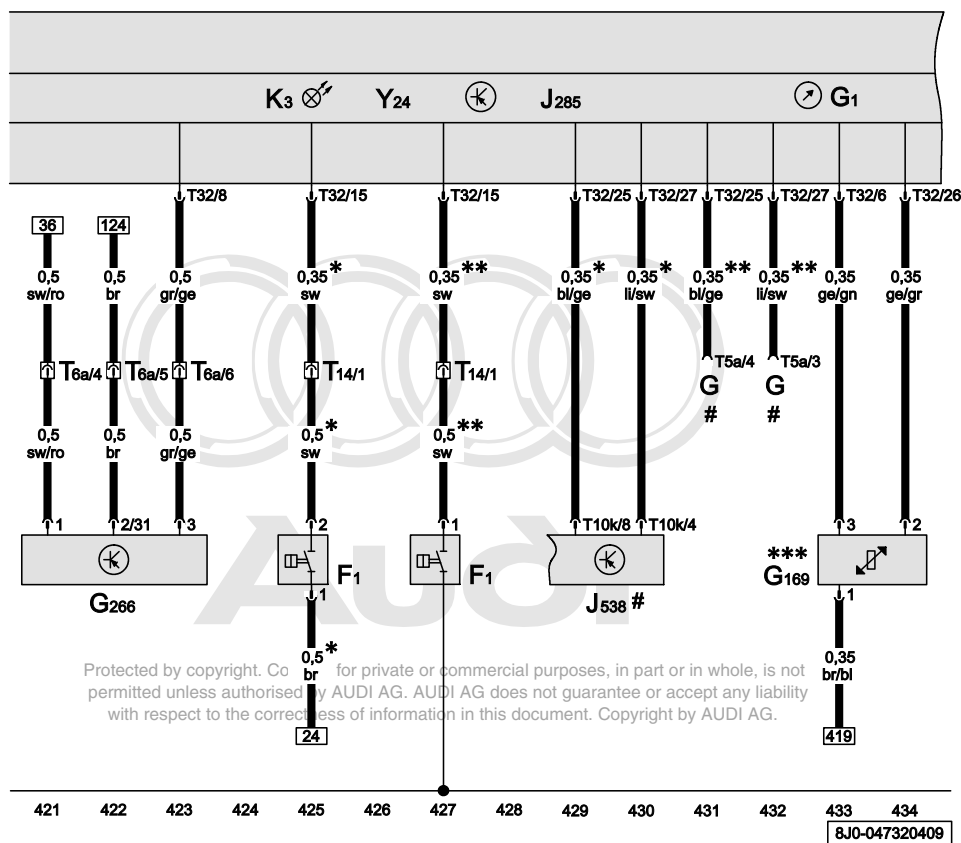
- 410 Earth connection 1 (sender earth), in main wiring harness
- B379 Connection 1 (brake wear indicator), in main wiring harness
- B380 Connection 2 (brake wear indicator), in main wiring harness
- * output sender earth



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Control unit in dash panel insert, oil pressure switch, fuel gauge sender, fuel gauge sender 2, oil level and oil temperature sender, fuel pump control unit

- F1 Oil pressure switch
- G Fuel gauge sender
- G1 Fuel gauge
- G169 Fuel gauge sender 2
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K3 Oil pressure warning lamp
- T5a 5-pin connector, black, on fuel gauge sender
- T6a 6-pin connector, black, in front left engine compartment
- T10k 10-pin connector, black, on fuel pump control unit
- T14 14-pin connector, black, on front left in engine compartment
- T32 32-pin connector, blue, on control unit in dash panel insert
- Y24 Display in dash panel insert
- * 1.8 l petrol engine
2.0 l petrol engine
2.5 l petrol engine
- ** 2.0 l diesel engine
3.2 l petrol engine
- *** models with four-wheel drive
- # → Engine Current Flow Diagram



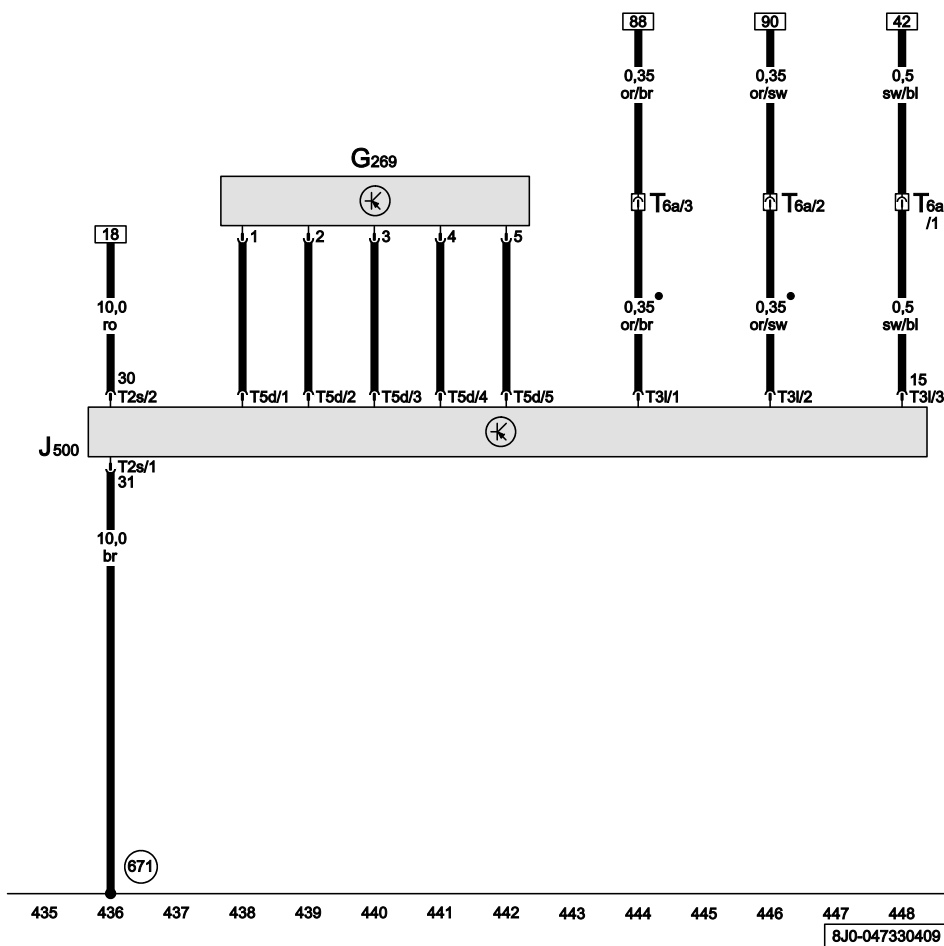
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Power steering control unit, steering moment sender

- G269 Steering moment sender
- J500 Power steering control unit
- T2s 2-pin connector, black, connector A, on power steering control unit
- T3l 3-pin connector, connector C, on power steering control unit
- T5d 5-pin connector, connector B, on power steering control unit
- T6a 6-pin connector, black, in front left engine compartment

671 Earth point 1, on front of left longitudinal member

- CAN bus (data wire)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the express authorisation by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Convenience system

- ⇒ Electrically adjustable and heated exterior mirrors
- ⇒ Coming Home
- ⇒ Anti-theft alarm system
- ⇒ Window regulator
- ⇒ Adjustable rear spoiler
- ⇒ Central locking

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

- ⇒ List of Fitting Locations!

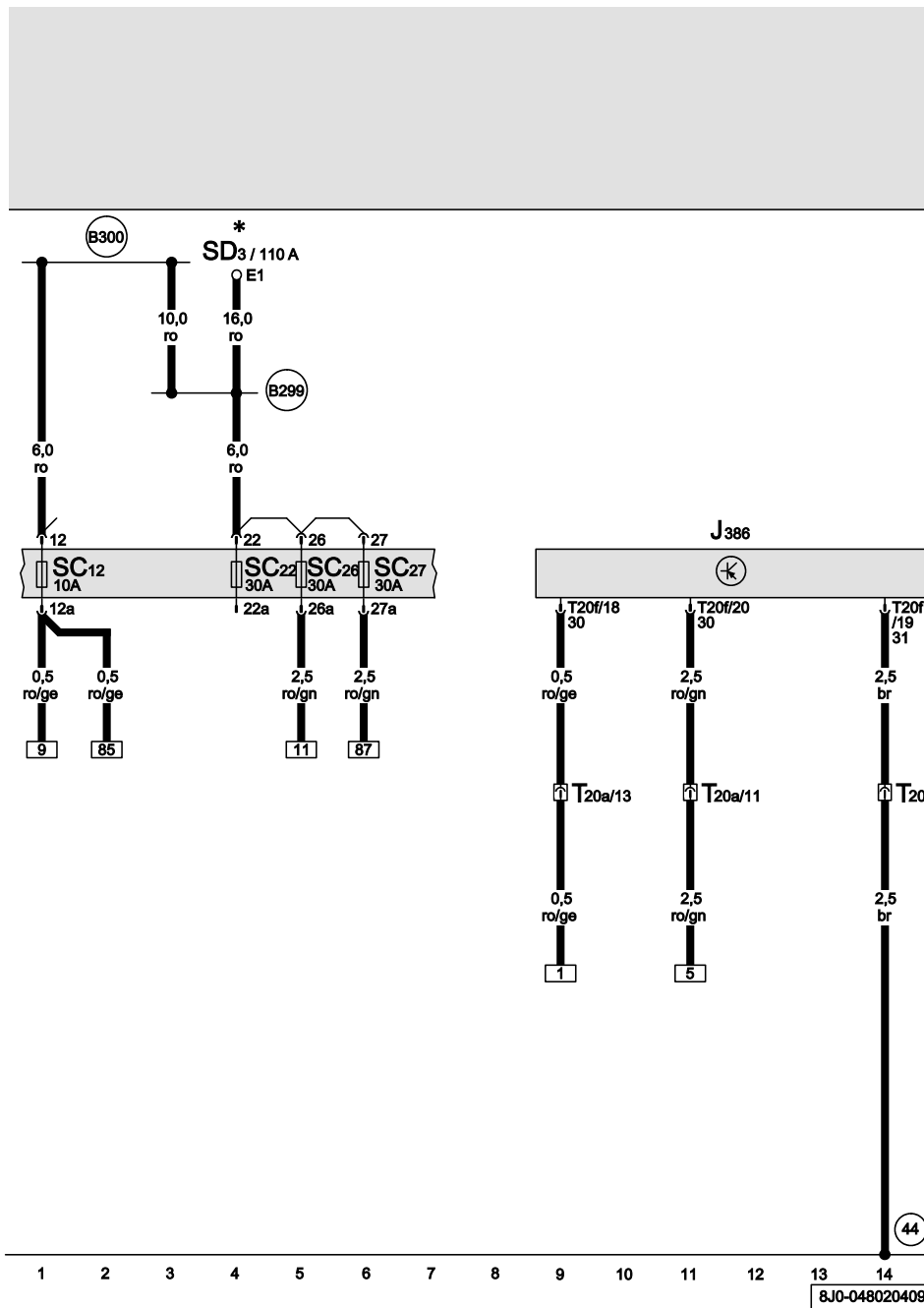
For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Driver door control unit, fuses

- J386 Driver door control unit
- SC12 Fuse 12 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T20a 20-pin connector, black, in front left door
- T20f 20-pin connector, connector A, on driver door control unit
- 44 Earth point, lower part of left A-pillar
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

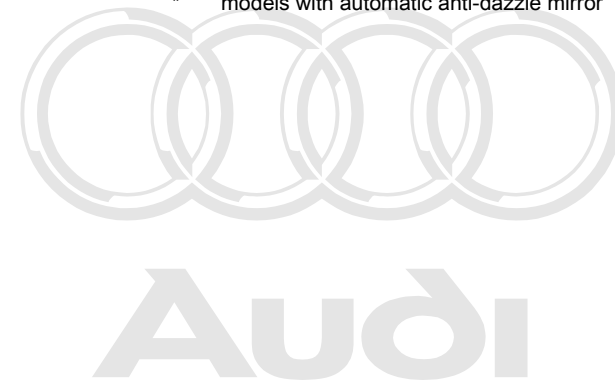
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Driver door control unit, central locking deadlock function warning lamp

- J386 Driver door control unit
- J533 Data bus diagnostic interface
- K133 Central locking deadlock function warning lamp -SAFE-
- T20a 20-pin connector, black, in front left door
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20f 20-pin connector, connector A, on driver door control unit

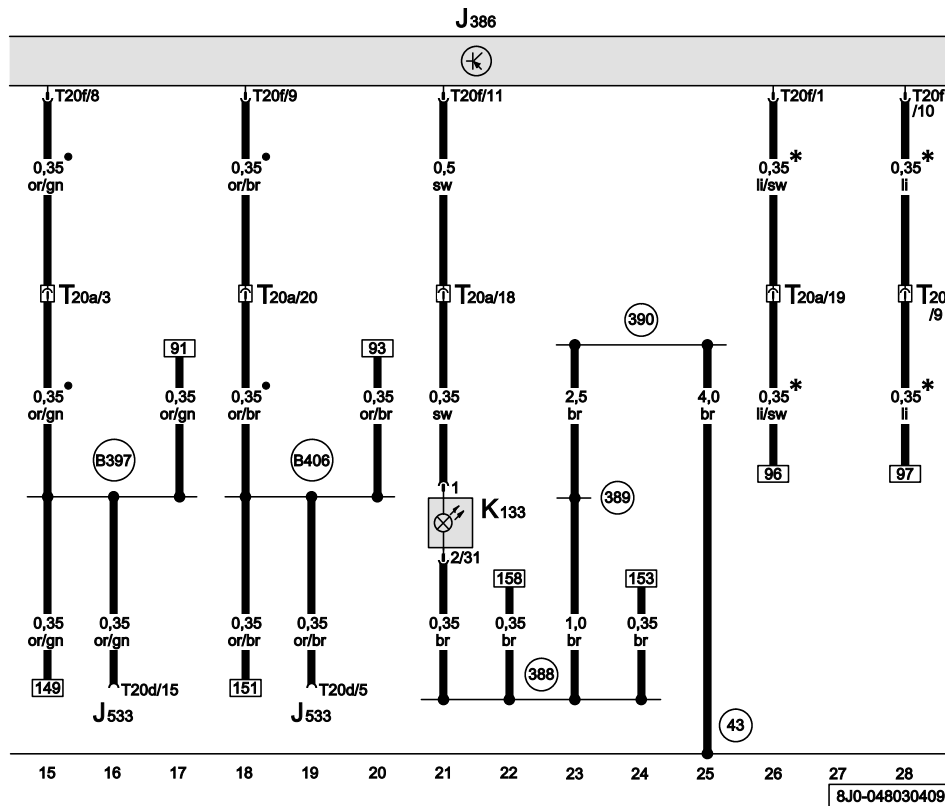
- 43 Earth point, lower part of right A-pillar
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * models with automatic anti-dazzle mirror



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

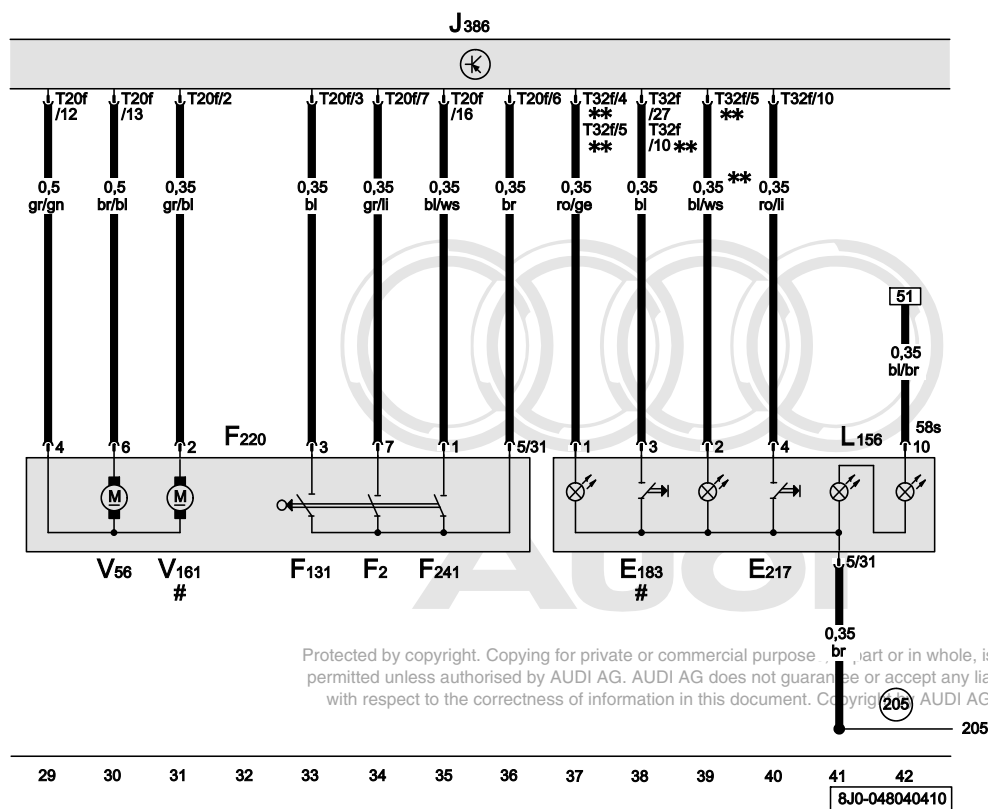


Driver door control unit, driver side central locking lock unit, driver door contact switch, alarm system off switch, interior monitoring deactivation switch

- E183 Interior monitoring deactivation switch
- E217 Alarm system off switch
- F2 Driver door contact switch
- F131 Front left central locking actuator
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- J386 Driver door control unit
- L156 Switch illumination bulb
- T20f 20-pin connector, connector A, on driver door control unit
- T32f 32-pin connector, connector C, on driver door control unit
- V56 Driver door central locking motor
- V161 Driver door central locking deadlock function motor

205 Earth connection, in driver door wiring harness

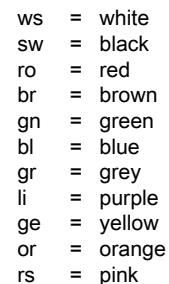
- * up to May 2010
- ** from June 2010
- # not USA



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

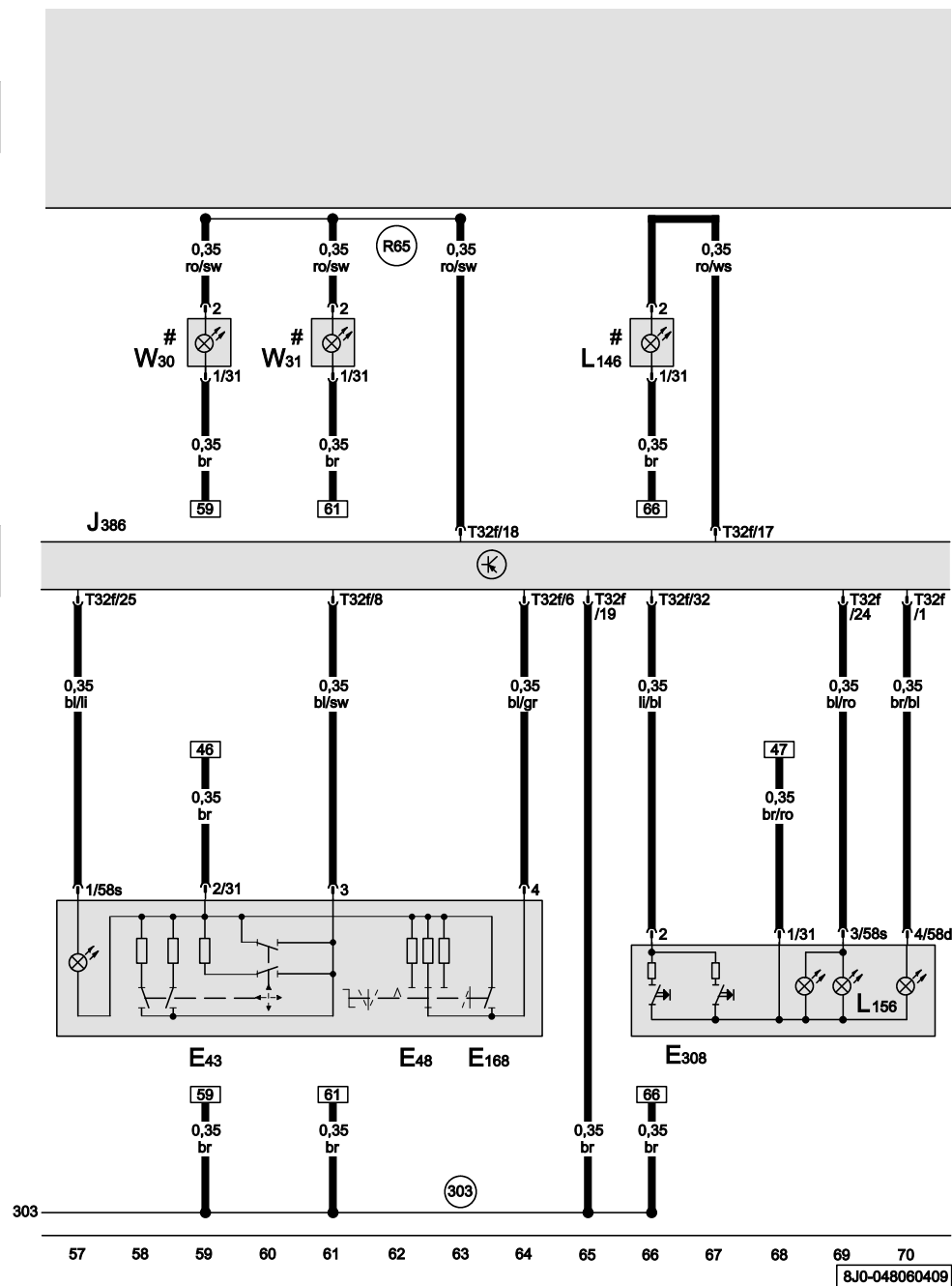
E40	Front left window regulator switch
E81	Front right window regulator switch in driver door
E233	Rear lid remote release button
E319	Fuel tank flap release button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L156	Switch illumination bulb
T32f	32-pin connector, connector C, on driver door control unit
V147	Driver side window regulator motor

- 205 Earth connection, in driver door wiring harness
- 303 Earth connection 3, in driver door wiring harness
- R52 Connection (58s), in driver side door wiring harness



Driver door control unit, mirror adjustment switch, mirror adjustment change-over switch, adjustment switch for mirror with fold-in feature, driver side interior locking button for central locking system

- E43 Mirror adjustment switch
- E48 Mirror adjustment change-over switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button
- J386 Driver door control unit
- L146 Driver side door inner handle illumination bulb
- L156 Switch illumination bulb
- T32f 32-pin connector, connector C, on driver door control unit
- W30 Driver side door warning lamp
- W31 Front left entry light
- 303 Earth connection 3, in driver door wiring harness
- R65 Positive connection (58), in driver door wiring harness
- # Models with LED equipment (QQ1)

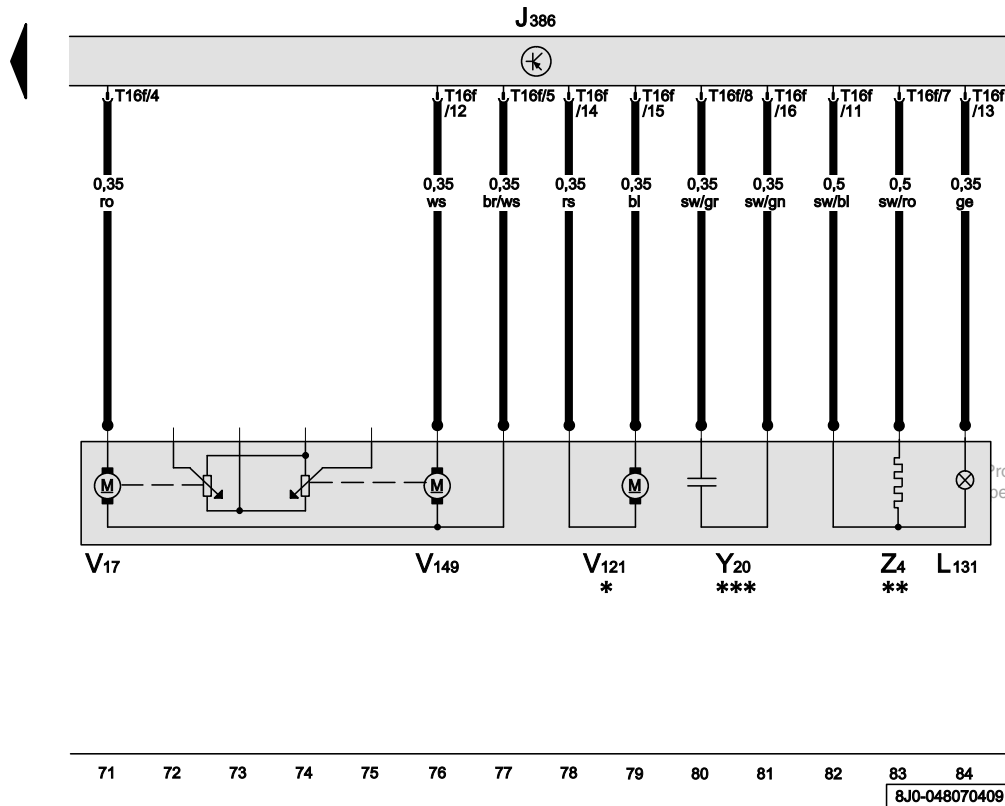


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Driver door control unit, driver side exterior mirror turn signal bulb, driver side mirror adjustment motor, driver side fold-in mirror motor, driver side mirror adjustment motor, driver side automatic anti-dazzle exterior mirror, driver side anti-dazzle exterior mirror

- J386 Driver door control unit
- L131 Driver side exterior mirror turn signal bulb
- T16f 16-pin connector, connector B, on driver door control unit
- V17 Driver side mirror adjustment motor
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Driver side automatic anti-dazzle exterior mirror
- Z4 Driver side heated exterior mirror
- * mirror with fold-in feature
- ** models with mirror heating
- *** models with automatic anti-dazzle exterior mirror



Front passenger door control unit, automatic anti-dazzle interior mirror

- J387 Front passenger side door control unit
- T6n 6-pin connector, black, on interior mirror
- T8p 8-pin connector, black, on interior mirror
- T20b 20-pin connector, black, in the front right door
- T20g 20-pin connector, connector A, on front passenger door control unit

Y7 Automatic anti-dazzle interior mirror

43 Earth point, lower part of right A-pillar

391 Earth connection 26, in main wiring harness

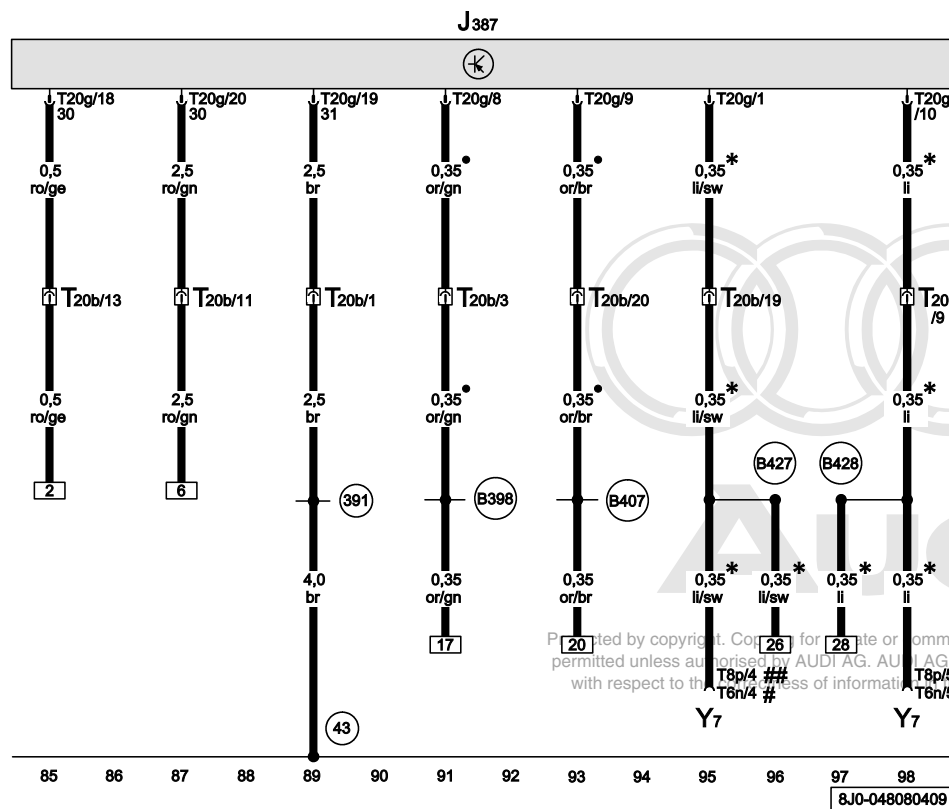
B398 Connection 2 (convenience CAN bus, high), in main wiring harness

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

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- CAN bus (data wire)
- * models with automatic anti-dazzle mirror
- # models without main beam assistant
- ## models with main beam assistant



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

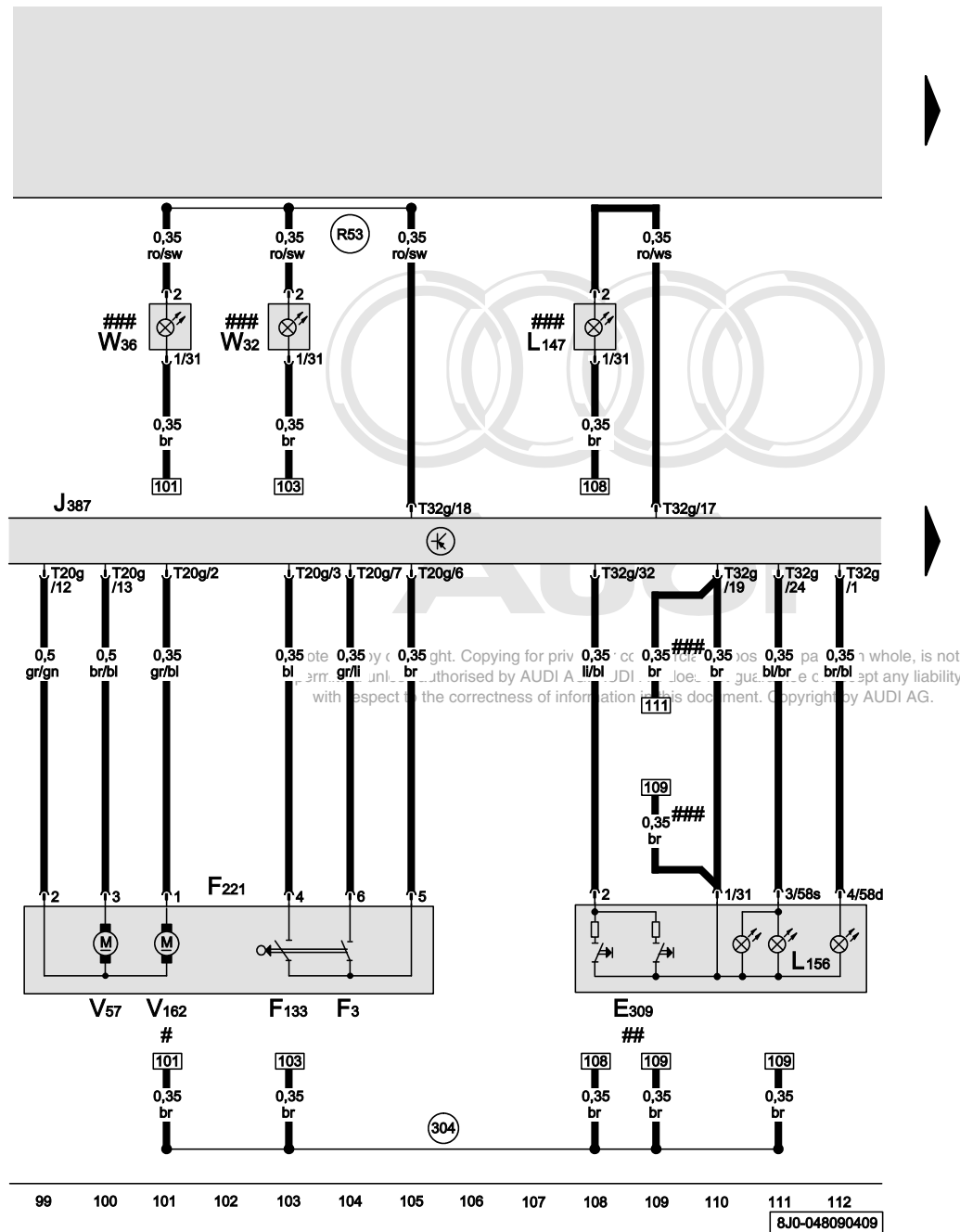
Front passenger door control unit, front passenger side central locking lock unit, front passenger side interior locking button for central locking system, front passenger door contact switch

- E309 Front passenger side interior locking button
- F3 Front passenger door contact switch
- F133 Front right central locking actuator
- F221 Front passenger side central locking lock unit
- J387 Front passenger side door control unit
- L147 Front passenger side door inner handle illumination bulb
- L156 Switch illumination bulb
- T20g 20-pin connector, connector A, on front passenger door control unit
- T32g 32-pin connector, connector C, on front passenger door control unit
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking deadlock function motor
- W32 Front right entry light
- W36 Front passenger side door warning lamp

304 Earth connection 3, in front passenger side door wiring harness

R53 Connection (58s), in front passenger side door wiring harness

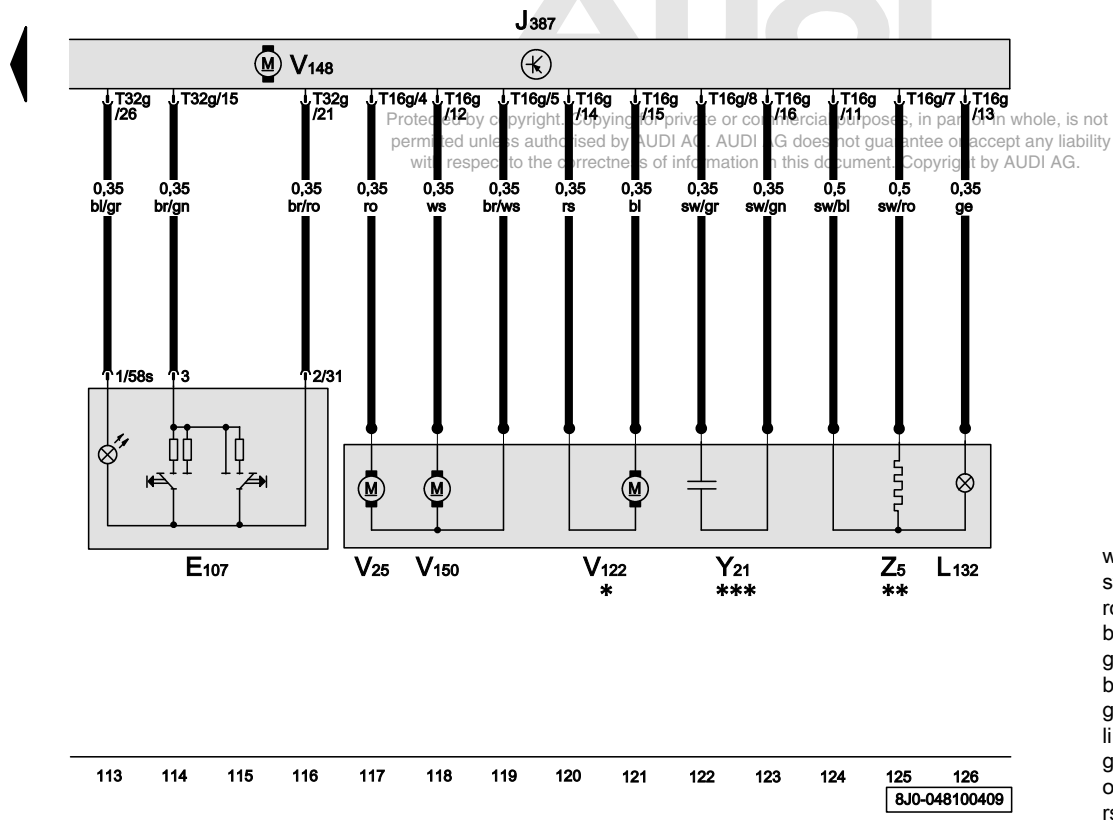
- # not USA
- ## only USA
- ### Models with LED equipment (QQ1)



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

Front passenger door control unit, window regulator switch in front passenger door, front passenger side mirror adjustment motor, front passenger side mirror adjustment motor, front passenger side fold-in mirror motor, front passenger side automatic anti-dazzle exterior mirror, front passenger side heated exterior mirror, front passenger side exterior mirror turn signal bulb

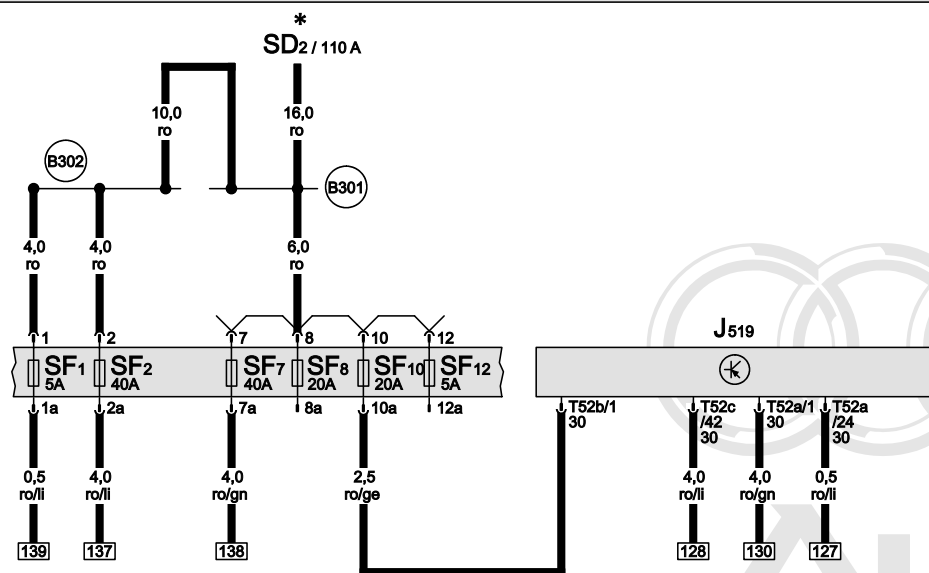
- E107 Window regulator switch in front passenger door
- J387 Front passenger side door control unit
- L132 Front passenger side exterior mirror turn signal bulb
- T16g 16-pin connector, connector B, on front passenger door control unit
- T32g 32-pin connector, connector C, on front passenger door control unit
- V25 Front passenger side mirror adjustment motor
- V122 Front passenger side fold-in mirror motor
- V148 Front passenger side window regulator motor
- V150 Front passenger side mirror adjustment motor
- Y21 Front passenger side automatic anti-dazzle exterior mirror
- Z5 Front passenger side heated exterior mirror
- * mirror with fold-in feature
- ** models with mirror heating
- *** models with automatic anti-dazzle exterior mirror



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

Onboard power supply control unit, fuses

- J519 Onboard supply control unit
- SD2 Fuse 2 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF10 Fuse 10 on fuse holder F
- SF12 Fuse 12 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

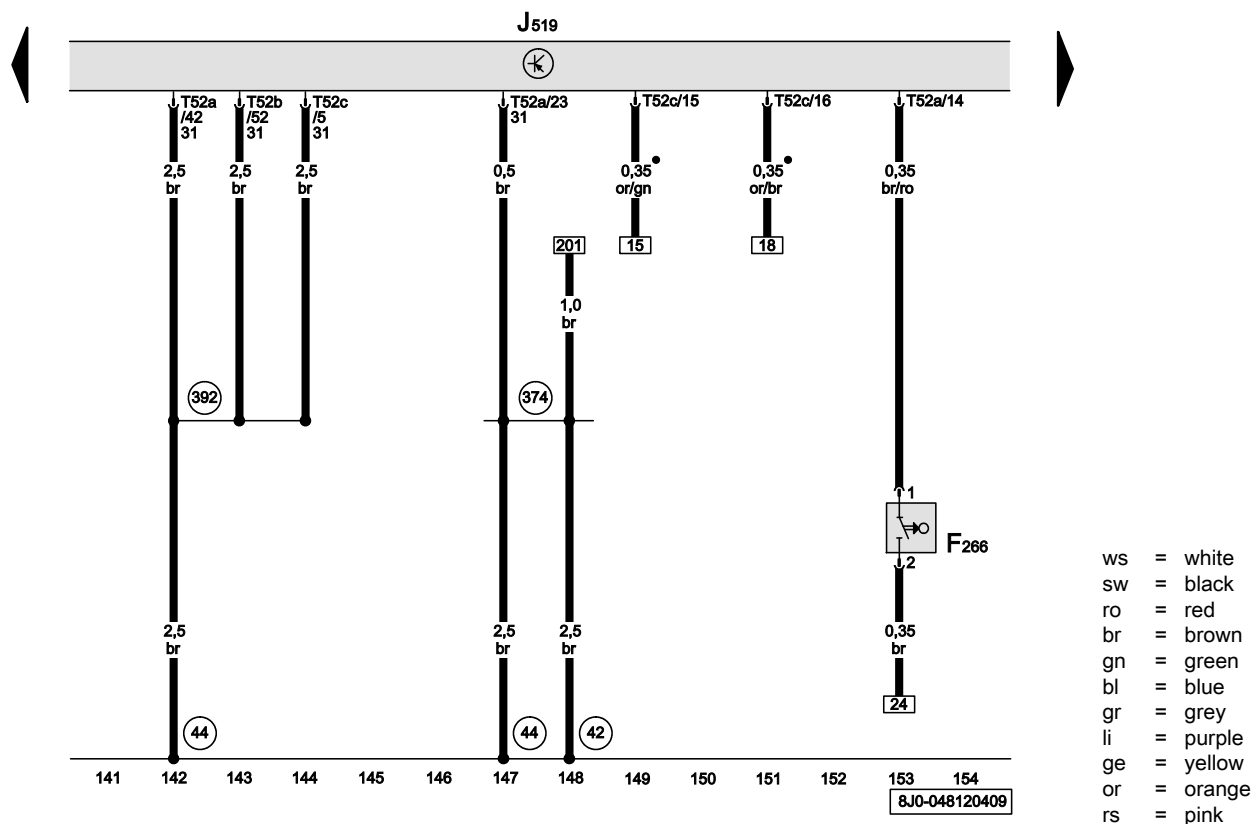
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, bonnet contact switch

- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 42 Earth point, next to steering column
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 392 Earth connection 27, in main wiring harness
 - CAN bus (data wire)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, alarm horn, anti-theft alarm sensor, aerial amplifier

- G273 Interior monitoring sensor
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- R11 Aerial
- R24 Aerial amplifier
- R47 Central locking and anti-theft alarm system aerial
- R130 Rear window aerial 1
- SA4 Fuse 4 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T2ad 2-pin connector, grey, on right in luggage compartment
- T4p 4-pin connector, black, on interior monitoring sensor
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

44 Earth point, lower part of left A-pillar

370 Earth connection 5, in main wiring harness

B272 Positive connection (30), in main wiring harness

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

* models with anti-theft alarm

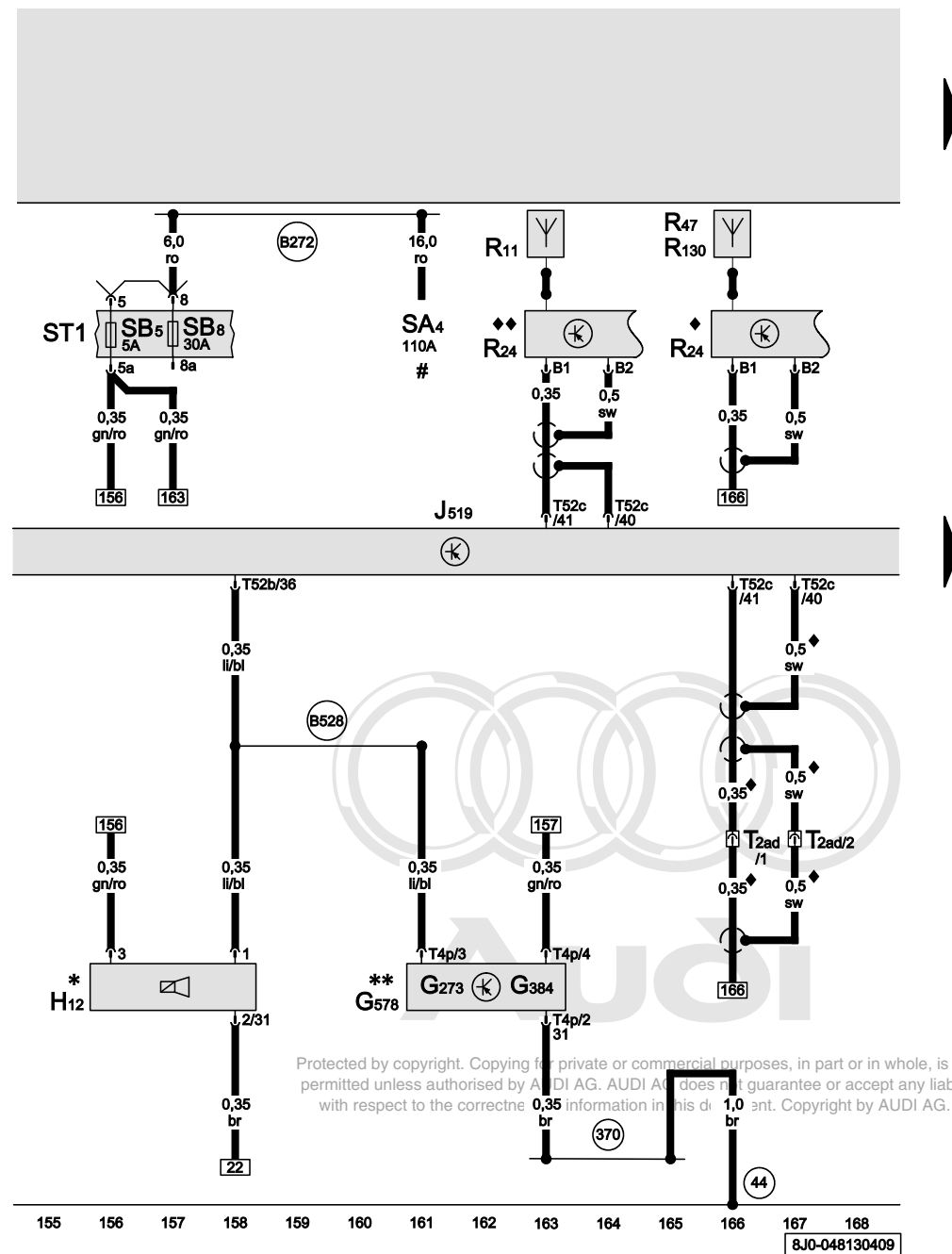
** models with interior monitor

Main fuse holder, electronics box, in front left engine compartment

◆ Coupé

◆◆ Roadster

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

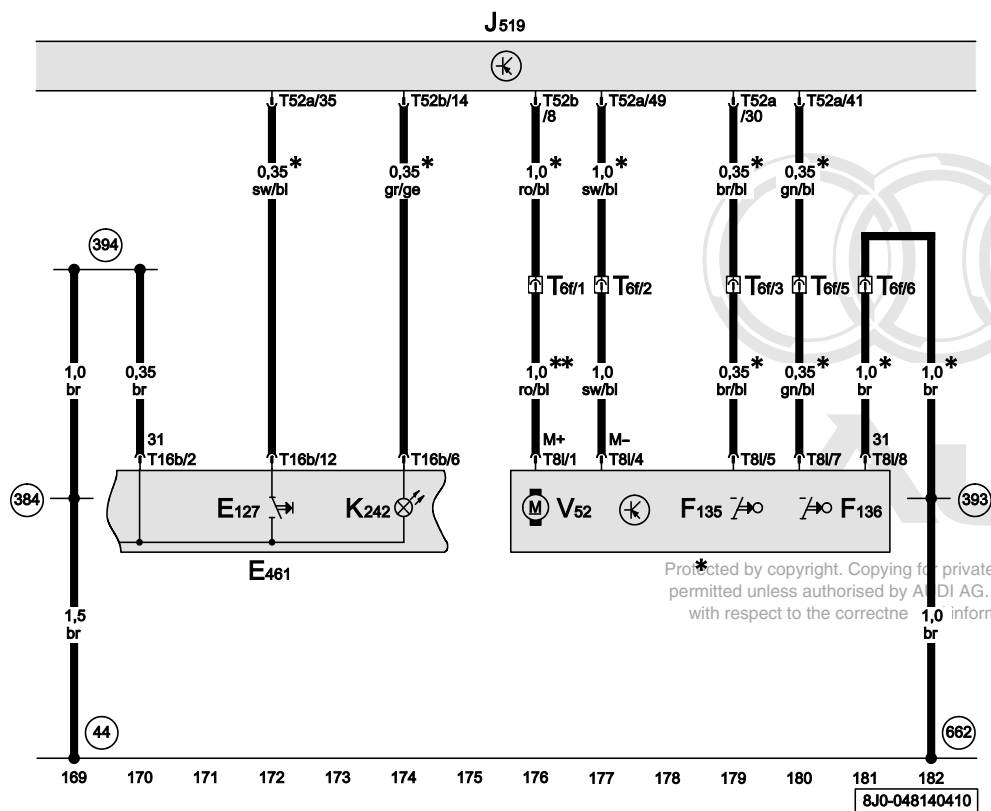


Onboard supply control unit, adjustable rear spoiler switch, rear spoiler position warning lamp, adjustable rear spoiler motor

- E127 Adjustable rear spoiler switch
- E461 Operating unit in front of centre console
- F135 Rear spoiler adjustment limit switch 1
- F136 Rear spoiler adjustment limit switch 2
- J519 Onboard supply control unit
- K242 Rear spoiler position warning lamp
- T6f 6-pin connector, black, left side panel
- T8l 8-pin connector, black, on rear spoiler
- T16b 16-pin connector, brown, on switch module centre console
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- V52 Adjustable rear spoiler motor

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- 662 Earth point, rear left side panel

* models with adjustable rear spoiler



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

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

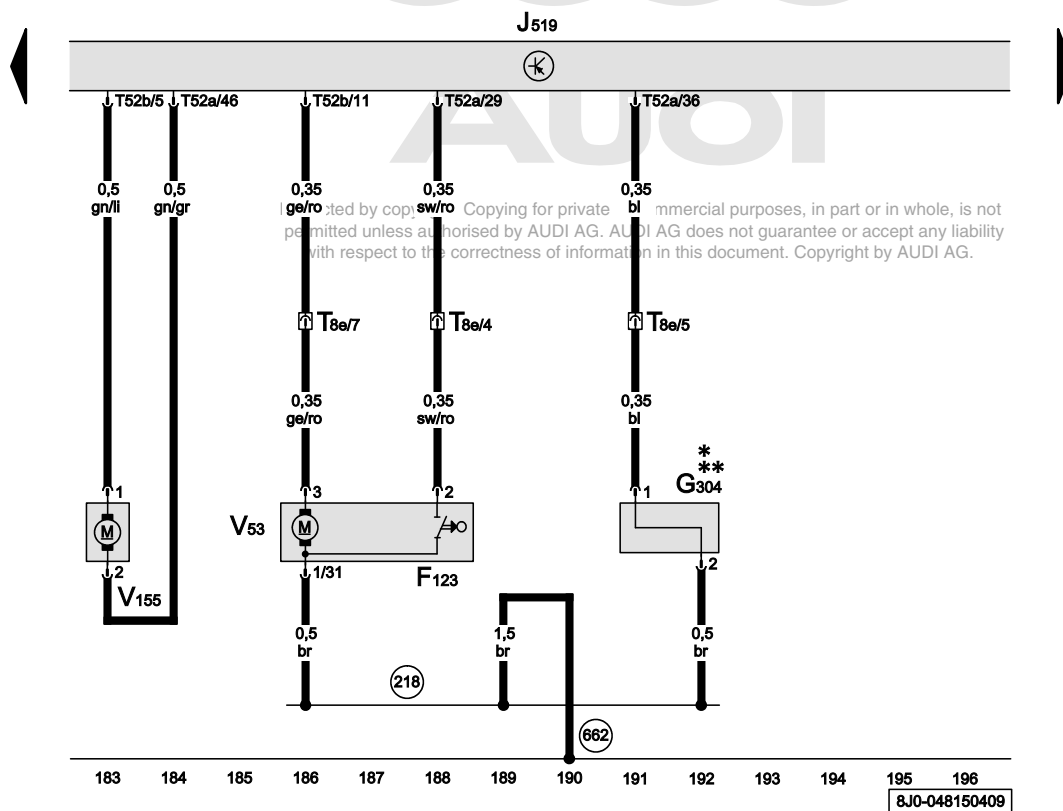
Onboard supply control unit, tank filler flap locking motor, rear lid contact switch for anti-theft alarm, rear lid central locking motor, glass breakage sensor for rear window

- F123 Rear lid contact switch for anti-theft alarm system
- G304 Glass breakage sensor for rear window
- J519 Onboard supply control unit
- T8e 8-pin connector, brown, in left side panel, to rear lid
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- V53 Rear lid central locking motor
- V155 Tank filler flap locking motor

218 Earth connection 1, in rear lid wiring harness

662 Earth point, rear left side panel

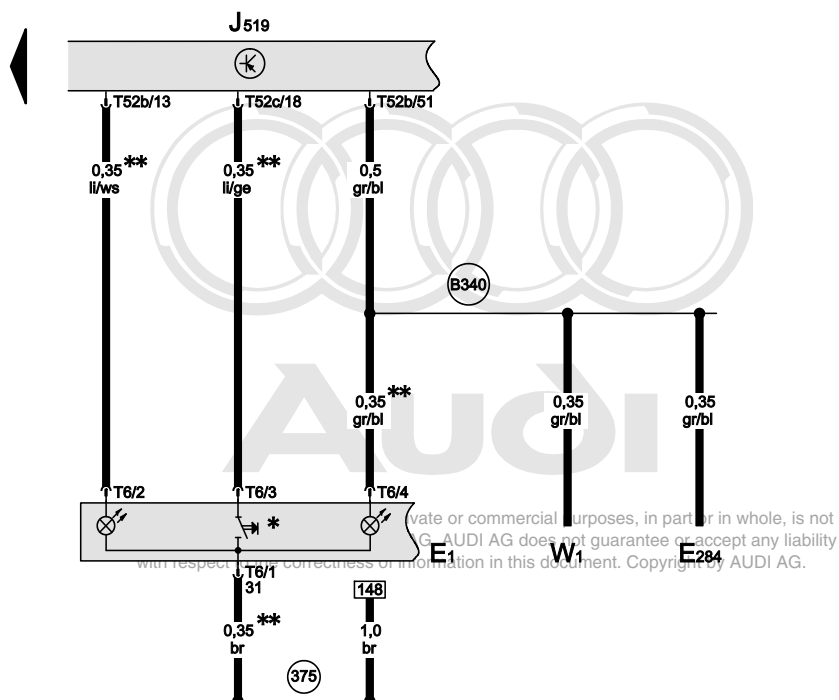
- * with anti-theft alarm system only
- ** Coupé only



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

- (B340) Connection 1 (58s), in main wiring harness

- * Coming Home switch
- ** no longer fitted, phased



Private or commercial purposes, in part or in whole, is not permitted. Audi AG does not guarantee or accept any liability with respect to the correctness or information in this document. Copyright © 2014 Audi AG.

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

⇒ Heater (9AA)

⇒ Air conditioning system (9AK)

from June 2009

Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

⇒ List of Fitting Locations!

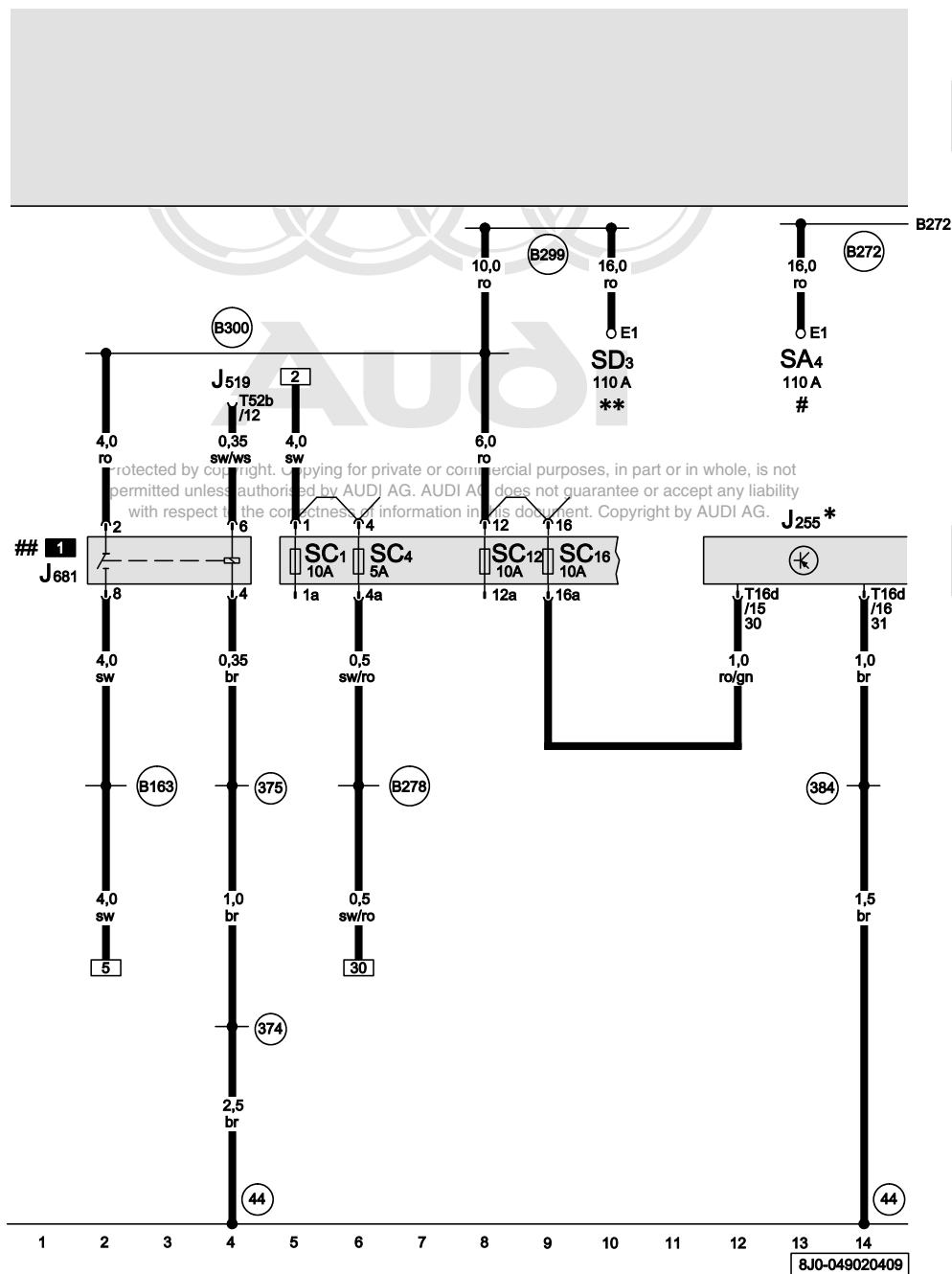
For information concerning

◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Climatronic control unit, fuses

- J255 Climatronic control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SA4 Fuse 4 on fuse holder A
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- T52b 52-pin connector, yellow, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness

- * Operating unit for air conditioning
- ** main fuse box, in luggage compartment, rear right, on the battery
- # Main fuse holder, electronics box, in front left engine compartment
- ## Relay carrier on onboard power supply control unit

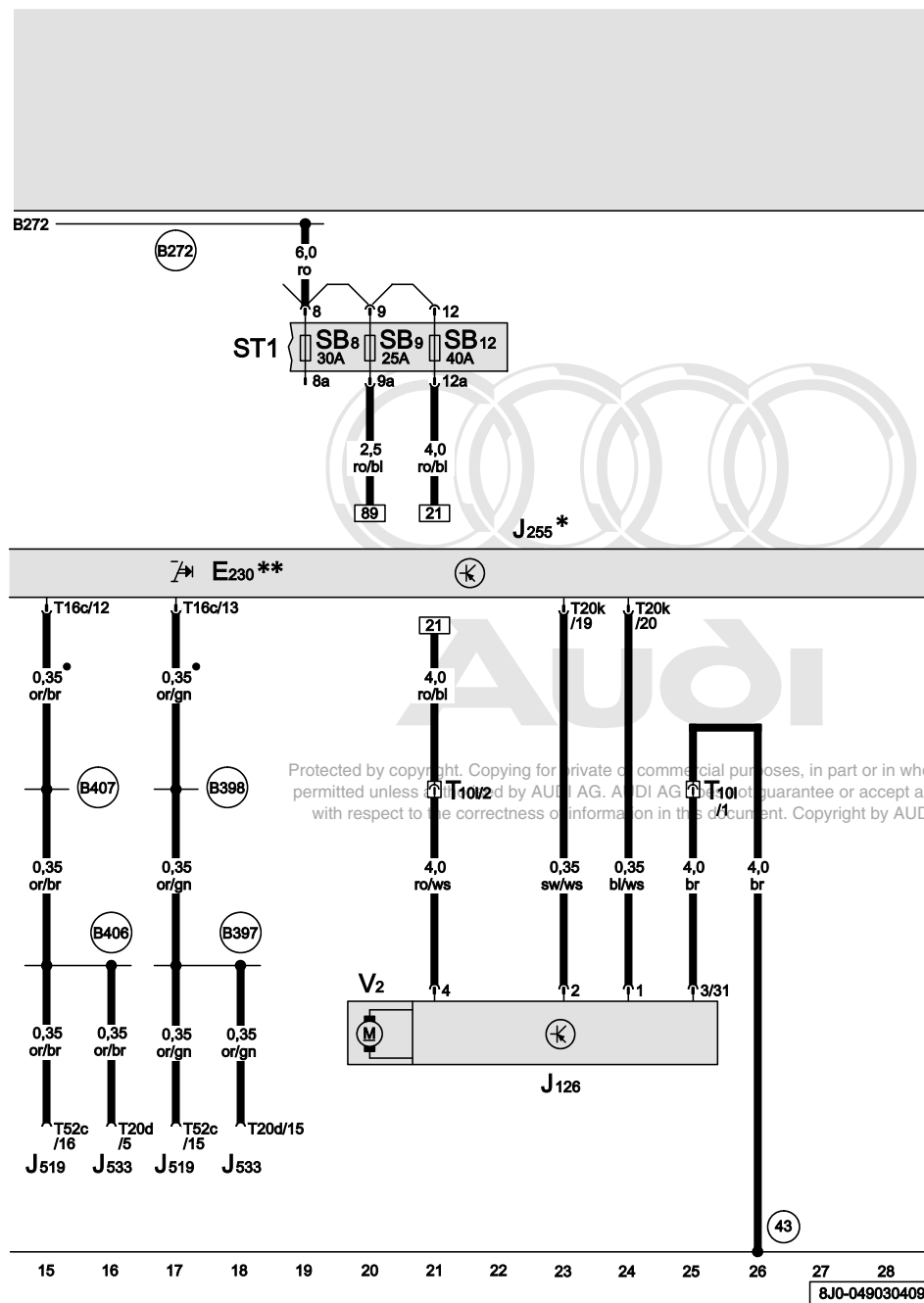
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Climatronic control unit, fresh air blower control unit, fresh air blower

- E230 Heated rear window button
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- T10l 10-pin connector, black, behind the dash panel on right
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20k 20-pin connector, connector B, on Climatronic control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V2 Fresh air blower

- 43 Earth point, lower part of right A-pillar
- B272 Positive connection (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * Operating unit for air conditioning
- ** Operation for heated rear window via CAN bus, heated rear window ⇒ CFD basic equipment

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

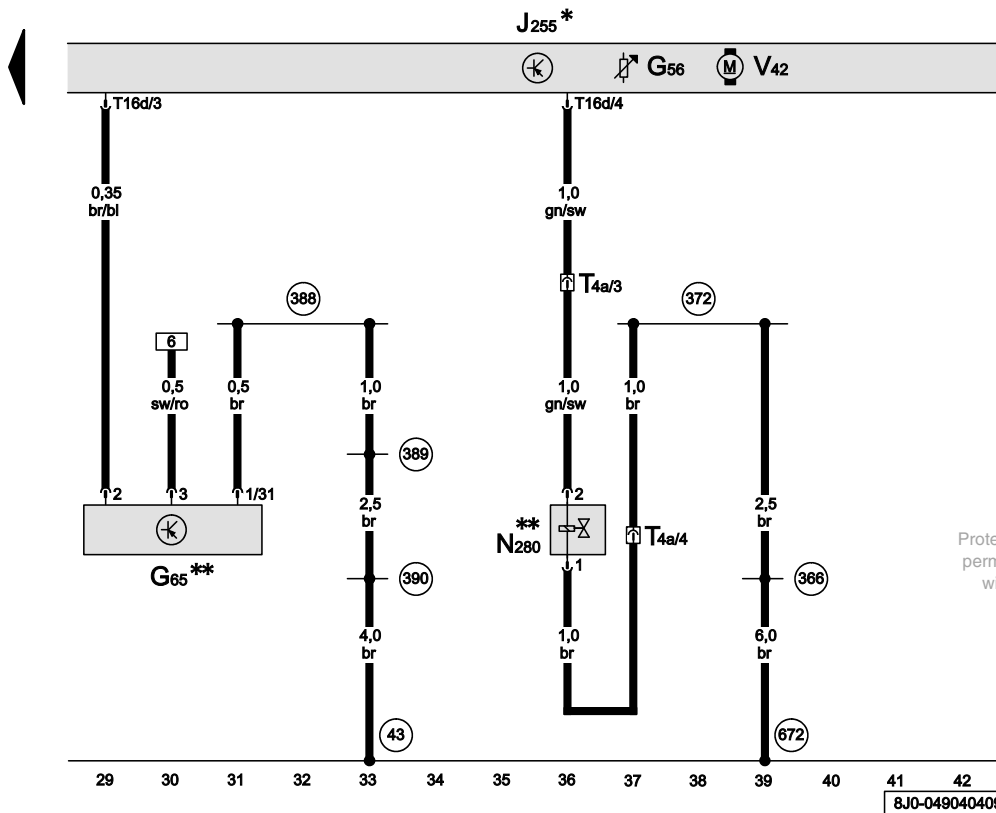


Climatronic control unit, dash panel temperature sensor, high pressure sender, compressor regulating valve, air conditioning system compressor regulating valve, temperature sensor blower

- G56 Dash panel temperature sensor
- G65 High pressure sender
- J255 Climatronic control unit
- N280 Air conditioning system compressor regulating valve
- T4a 4-pin connector, black, in front left engine compartment
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- V42 Temperature sensor blower

- 43 Earth point, lower part of right A-pillar
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member

* Operating unit for air conditioning
** not for Heater (9AA)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

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

8J0-049040409

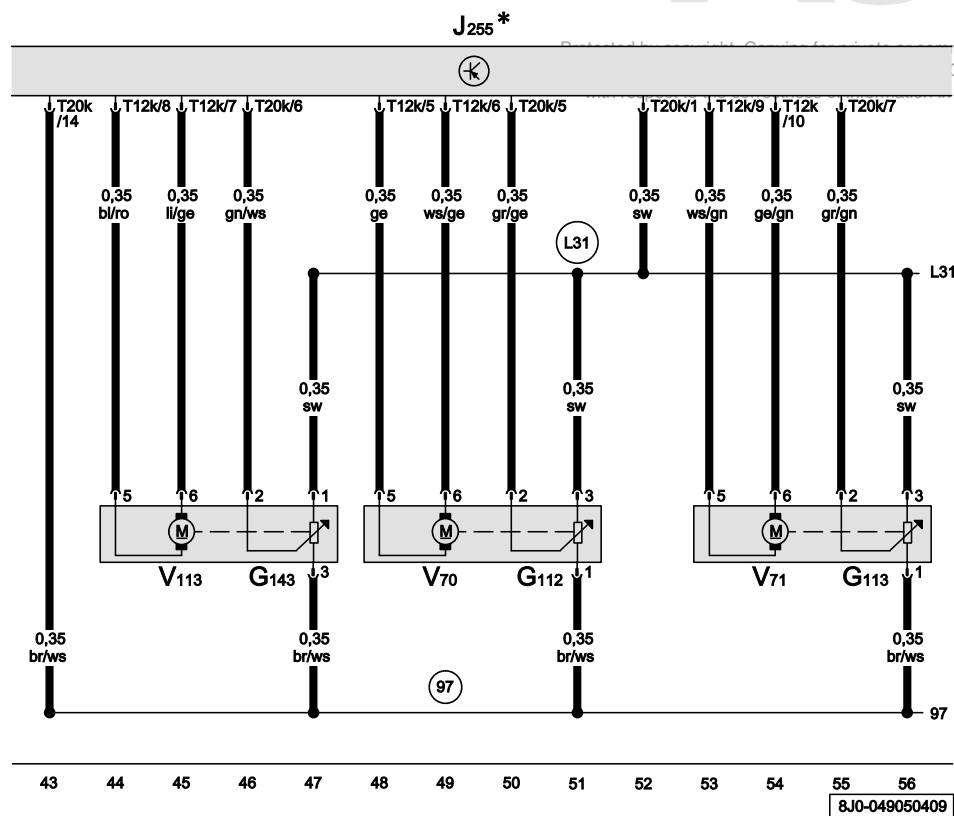
Climatronic control unit, potentiometer for centre flap control motor, potentiometer for air flow flap control motor, potentiometer for air recirculation flap control motor

- G112 Central flap control motor potentiometer
- G113 Air flow flap control motor potentiometer
- G143 Air recirculation flap control motor potentiometer
- J255 Climatronic control unit
- T12k 12-pin connector, connector A, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit
- V70 Central flap control motor
- V71 Air flow flap control motor
- V113 Air recirculation flap control motor

97 Earth connection 1, in air conditioning system wiring harness

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

* Operating unit for air conditioning



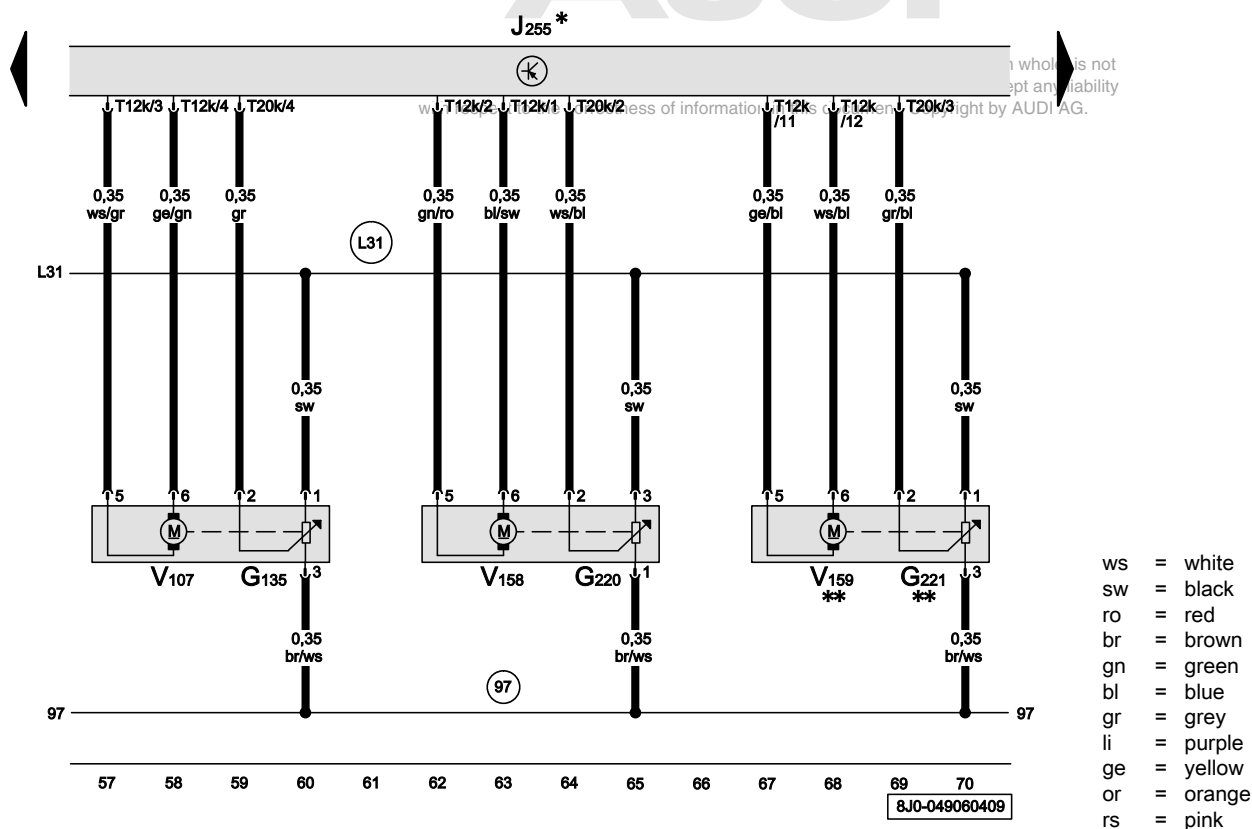
Climatronic control unit, potentiometer for defroster flap control motor, potentiometer for left temperature flap control motor, potentiometer for right temperature flap control motor

- G135 Defroster flap control motor potentiometer
- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit
- T12k 12-pin connector, connector A, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit
- V107 Defroster flap control motor
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

97 Earth connection 1, in air conditioning system wiring harness

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

- * Operating unit for air conditioning
- ** not for Heater (9AA)



Climatronic control unit, sunlight penetration photosensor, left and right footwell vent temperature sender, evaporator output temperature sender, front left and right chest vent temperature sensor

- G107 Sunlight penetration photosensor
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G263 Evaporator out-flow temperature sender
- G385 Front left chest vent temperature sensor
- G386 Front right chest vent temperature sensor
- J255 Climatronic control unit
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit

97 Earth connection 1, in air conditioning system wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

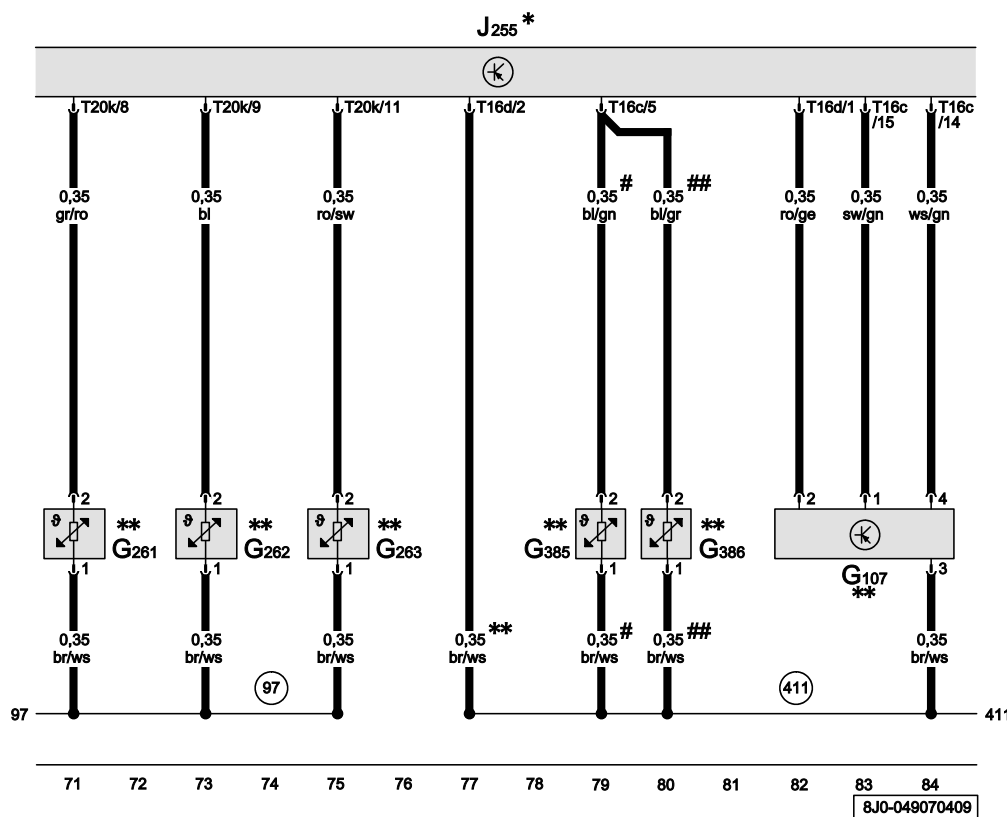
411 Earth connection 2 (sender earth), in main wiring harness

* Operating unit for air conditioning

** not for Heater (9AA)

left-hand drive only

right-hand drive only



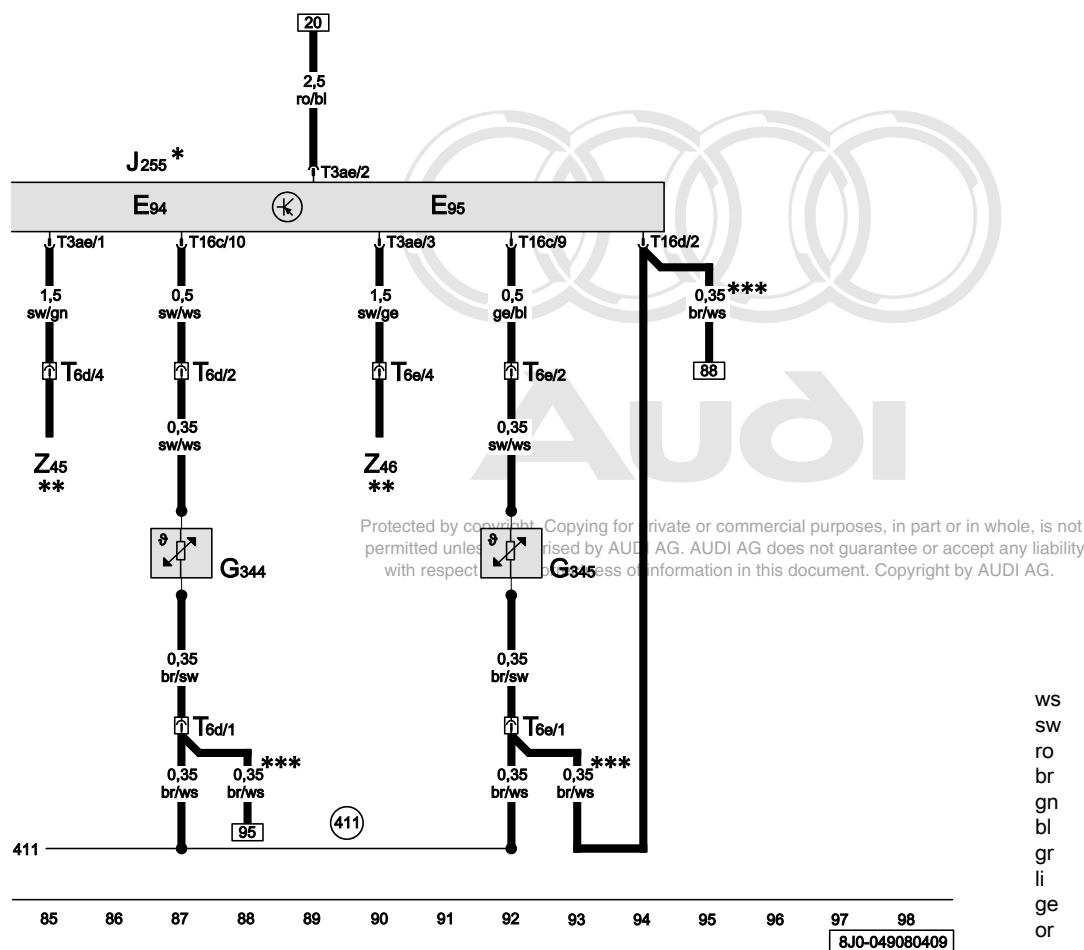
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Climatronic control unit, heated driver and front passenger seat regulator, front left and right seat temperature sender, front left and right seat heating

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- G344 Front left seat temperature sender
- G345 Front right seat temperature sender
- J255 Climatronic control unit
- T3ae 3-pin connector, black, connector E, on Climatronic control unit
- T6d 6-pin connector, green, under driver seat
- T6e 6-pin connector, green, under front passenger seat
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T16d 16-pin connector, black, connector D, on Climatronic control unit
- Z45 Front left seat heating
- Z46 Front right seat heating

411 Earth connection 2 (sender earth), in main wiring harness

- * Operating unit for air conditioning
- ** models with heated seat ⇒ seat heater Current Flow Diagram
- *** only for Heater 9AA



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

CAN bus wiring

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

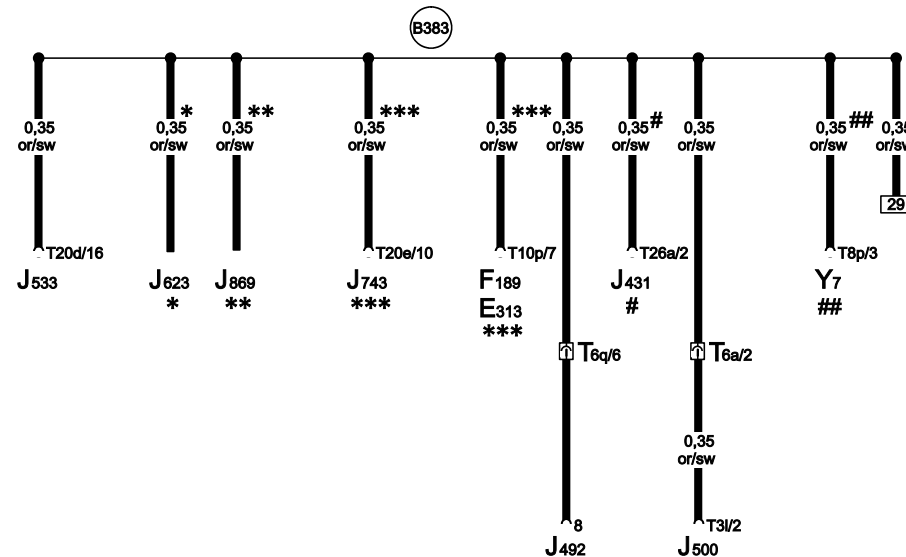
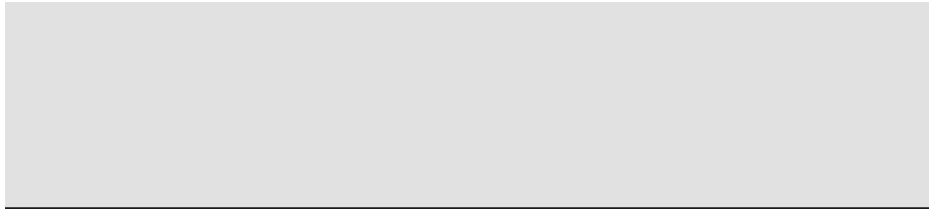
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Drive train CAN bus, high 1

- E313 Selector lever
- F189 Tiptronic switch
- J431 Headlight range control, control unit
- J492 Four-wheel drive control unit
- J500 Power steering control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- J869 Control unit for structure-borne sound
- T3l 3-pin connector, connector C, on power steering control unit
- T6a 6-pin connector, black, in front left engine compartment
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8p 8-pin connector, black, on interior mirror
- T10p 10-pin connector, on Tiptronic switch
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T26a 26-pin connector, black, on headlight range control, control unit
- Y7 Automatic anti-dazzle interior mirror

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

- * ⇒ Engine Current Flow Diagram
- ** 2,0 l diesel engine
- *** models with direct shift gearbox
- # models with automatic headlight range control and cornering light
- ## models with main beam assistant



Audi

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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

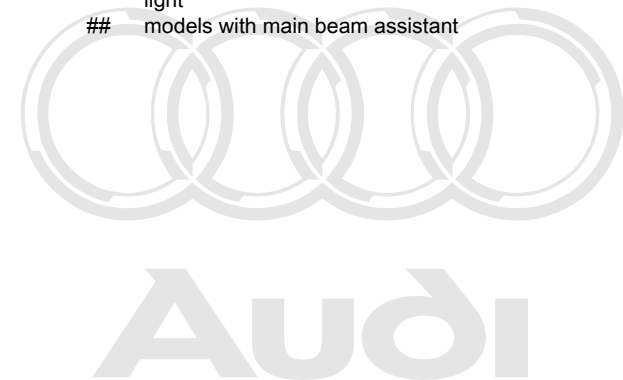
8J0-050020409

Drive train CAN bus, low 1

- E313 Selector lever
- F189 Tiptronic switch
- J431 Headlight range control, control unit
- J492 Four-wheel drive control unit
- J500 Power steering control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- J869 Control unit for structure-borne sound
- T3l 3-pin connector, connector C, on power steering control unit
- T6a 6-pin connector, black, in front left engine compartment
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8p 8-pin connector, black, on interior mirror
- T10p 10-pin connector, on Tiptronic switch
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20e 20-pin connector, on mechatronic unit for dual clutch gearbox
- T26a 26-pin connector, black, on headlight range control, control unit
- Y7 Automatic anti-dazzle interior mirror

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

- * ⇒ Engine Current Flow Diagram
- ** 2,0 l diesel engine
- *** models with direct shift gearbox
- # models with automatic headlight range control and cornering light
- ## models with main beam assistant



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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Drive train CAN bus, high 2, drive train CAN bus, low 2

- J104 ABS control unit
- J234 Airbag control unit
- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J446 Parking aid control unit
- J793 Tyre pressure monitor control unit 2
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T26a 26-pin connector, black, on headlight range control, control unit
- T47 47-pin connector, on ABS control unit
- T47a 47-pin connector, on electronically controlled damping control unit
- T75 75-pin connector, yellow, on airbag control unit

B384 Connection 2 (drive train CAN bus, high), in main wiring harness

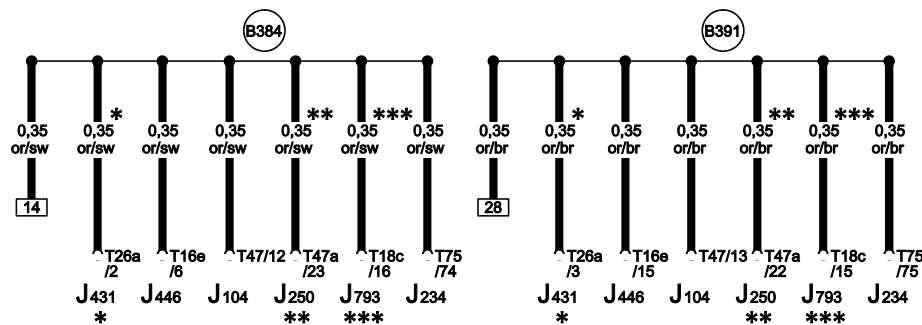
B391 Connection 2 (drive train CAN bus, low), in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

* models with manual and automatic headlight range control without cornering light

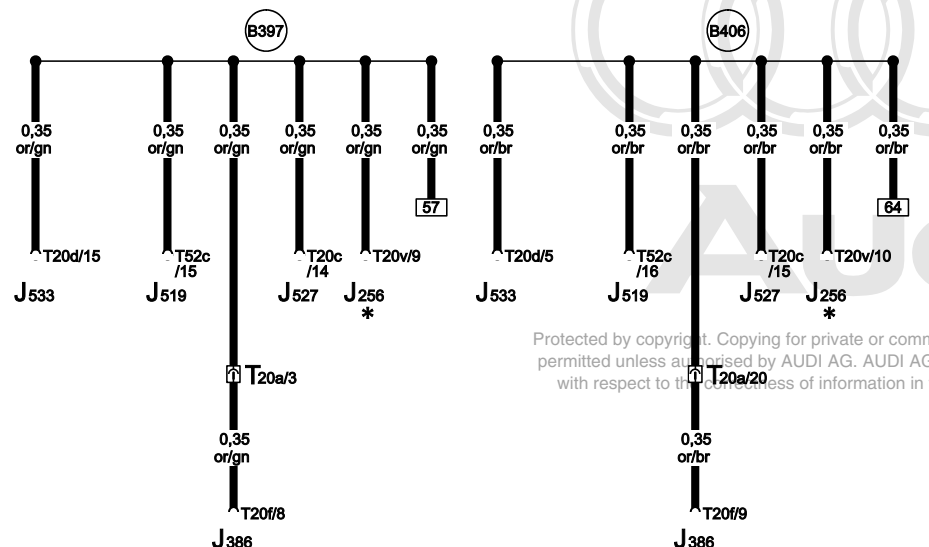
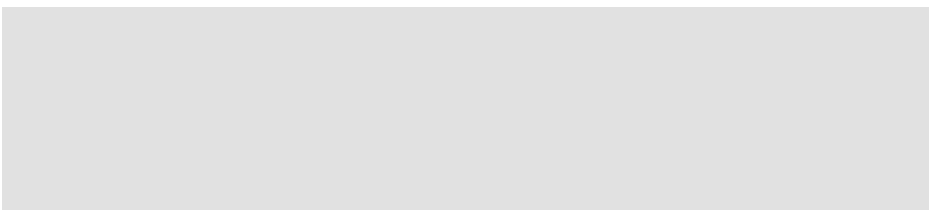
** models with electronically controlled damping

*** models with tyre pressure monitor



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

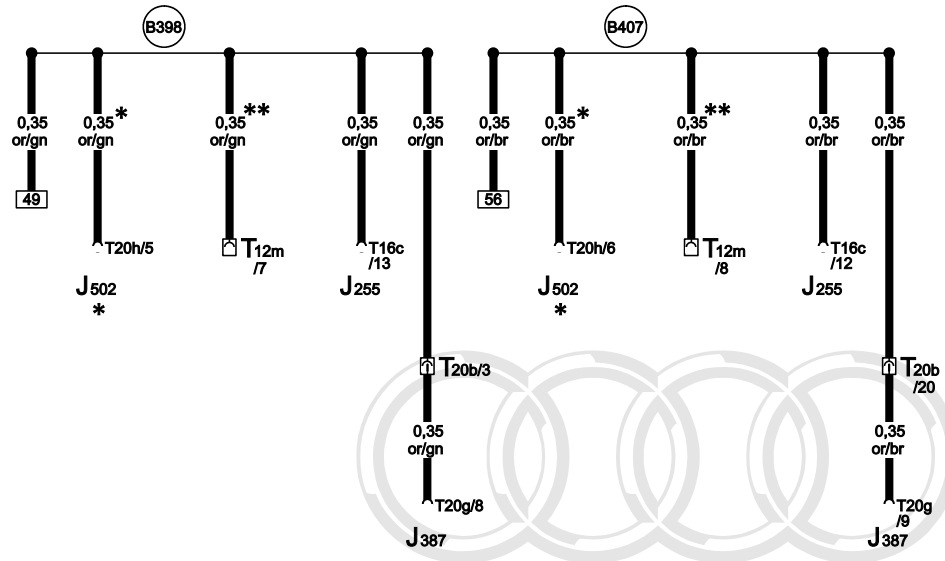
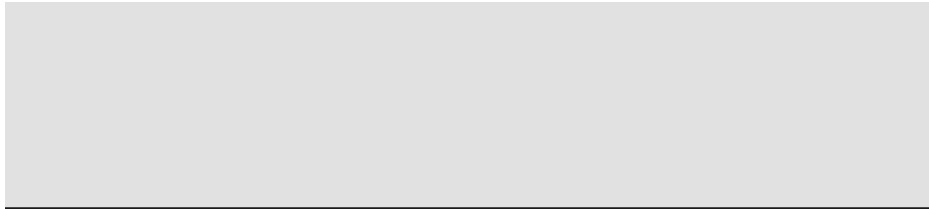
Convenience CAN bus, high 1, convenience CAN bus, low 1



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- J256 Convertible roof actuation control unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T20a 20-pin connector, black, in the front left door
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20f 20-pin connector, black, connector A, on driver door control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * Roadster with power operated convertible top

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



Convenience CAN bus, high 2, convenience CAN bus, low 2

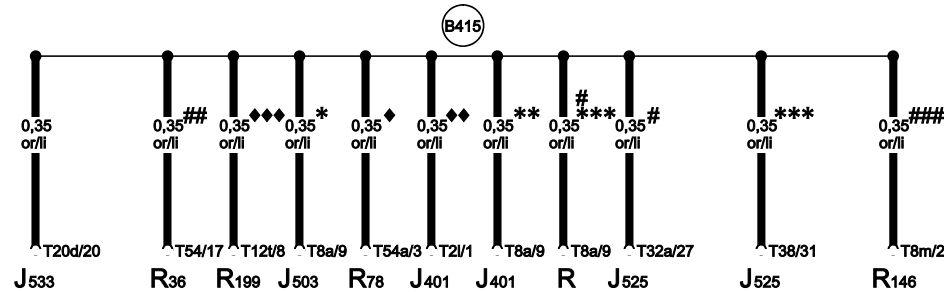
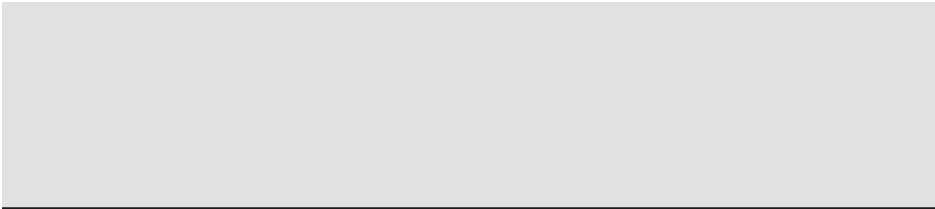
- J255 Climatronic control unit
- J387 Front passenger door control unit
- J502 Tyre pressure monitor control unit
- T12m 12-pin connector, brown, in luggage compartment, rear right
- T16c 16-pin connector, brown, connector C, on Climatronic control unit
- T20b 20-pin connector, black, in the front right door
- T20g 20-pin connector, connector A, on front passenger door control unit
- T20h 20-pin connector, red, on tyre pressure monitor control unit 2
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * only USA
- ** for models with interface for special functions

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

8J0-050080409



Infotainment CAN bus, high 1

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R Radio
- R36 Telephone transmitter and receiver unit
- R78 TV tuner
- R146 Satellite radio
- R199 Connection for external audio source
- T2l 2-pin connector, black, connector CAN, on navigation system with CD drive control unit
- T8a 8-pin connector, black, radio pin connector D
- T8m 8-pin connector, on satellite radio
- T12t 12-pin connector, black, behind the dash panel on right
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- T54a 54-pin connector, on TV tuner

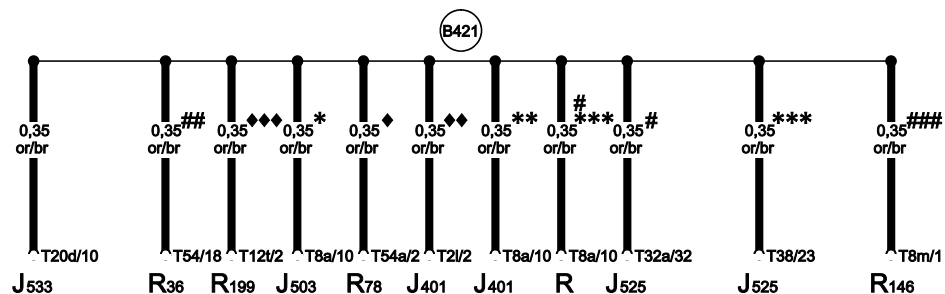
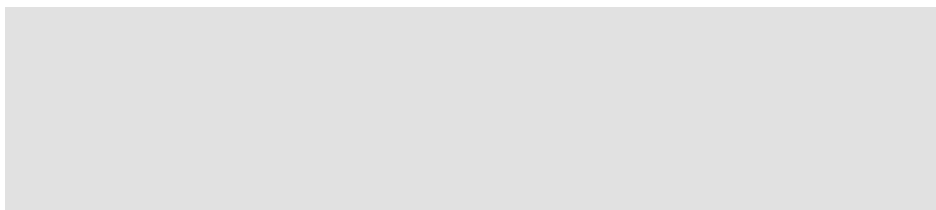
(B415) Connection 1 (infotainment CAN bus, high), in main wiring harness

- * Navigation system RNS-low (7Q9)
- ** Navigation system RNS-E (7Q2)
- *** radio with standard soundsystem (9VD)
- # radio with BOSE soundsystem (8RY)
- ## models with preparation for mobile telephone (9ZF)
- ### only USA

- ◆◆ models with TV tuner
- ◆◆◆ models with navigation system Japan (7Q4)
- ◆◆◆ models with Audi Music Interface (UF7)

Protected by copyright. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without prior written permission from Audi AG. Copyright by Audi AG.

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



Infotainment CAN bus, low 1

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R Radio
- R36 Telephone transmitter and receiver unit
- R78 TV tuner
- R146 Satellite radio
- R199 Connection for external audio source
- T2l 2-pin connector, black, connector CAN, on navigation system with CD drive control unit
- T8a 8-pin connector, black, radio pin connector D
- T8m 8-pin connector, on satellite radio
- T12t 12-pin connector, black, behind the dash panel on right
- T20d 20-pin connector, black, on data bus diagnostic interface
- T32a 32-pin connector, black, on digital sound package control unit
- T38 38-pin connector, black, on digital sound package control unit
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- T54a 54-pin connector, on TV tuner
- (B421) Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Navigation system RNS-low (7Q9)
- ** Navigation system RNS-E (7Q2)
- *** radio with standard soundsystem (9VD)
- # radio with BOSE soundsystem (8RY)
- ## models with preparation for mobile telephone (9ZF)
- ### only USA
- ◆ models with TV tuner
- ◆◆ models with navigation system Japan (7Q4)
- ◆◆◆ models with Audi Music Interface (UF7)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Power operated convertible top

- ⇒ Electric windbreak
- ⇒ Heated rear window

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

- ⇒ List of Fitting Locations!

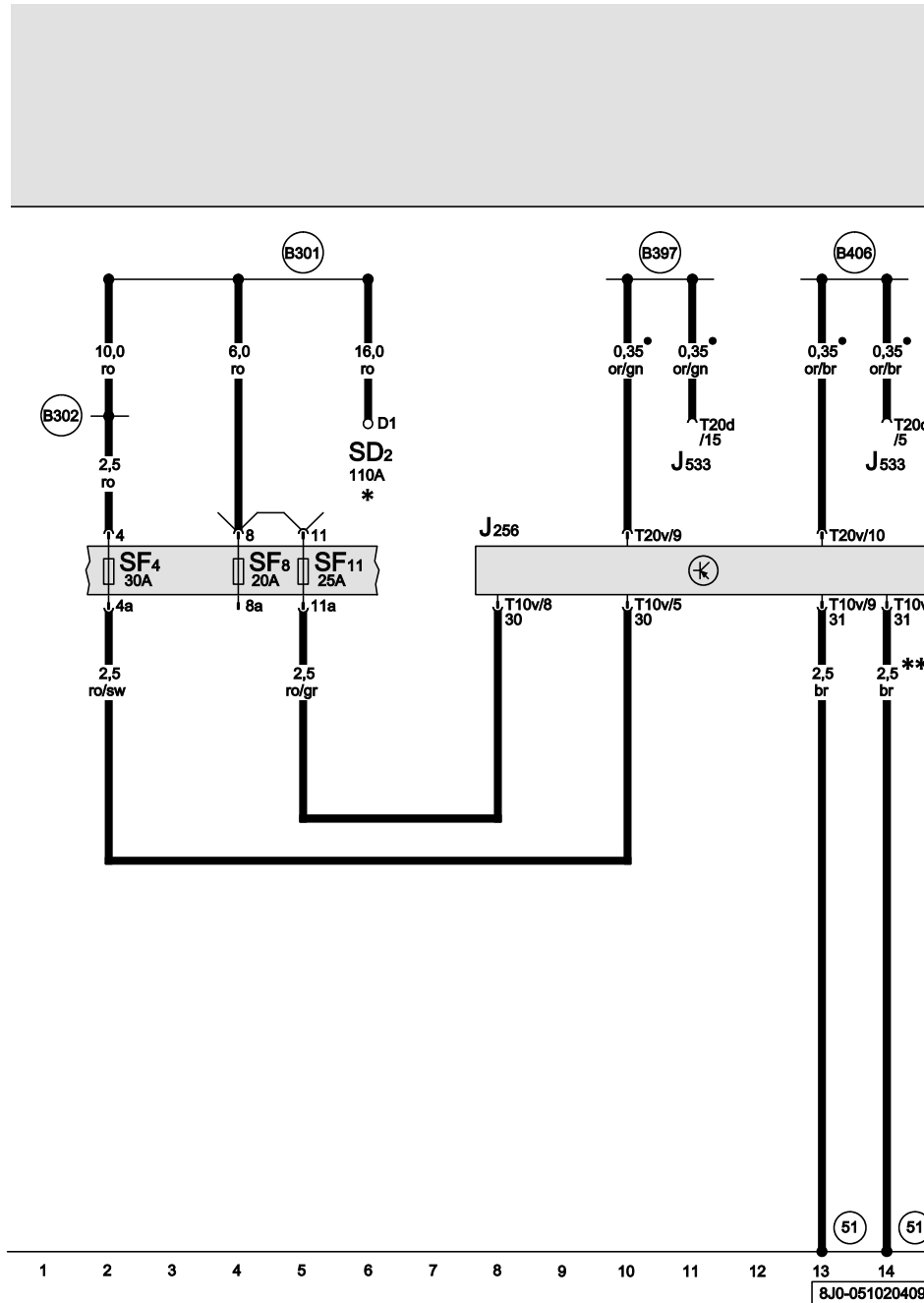
For information concerning

- ◆ Fault Finding Programs

- ⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Convertible roof actuation control unit, fuses

- J256 Convertible roof actuation control unit
- J533 Data bus diagnostic interface
- SD2 Fuse 2 on fuse holder D
- SF4 Fuse 4 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- SF11 Fuse 11 on fuse holder F
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit

- 51 Earth point, on right in luggage compartment
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery
- ** manual convertible roof actuation

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

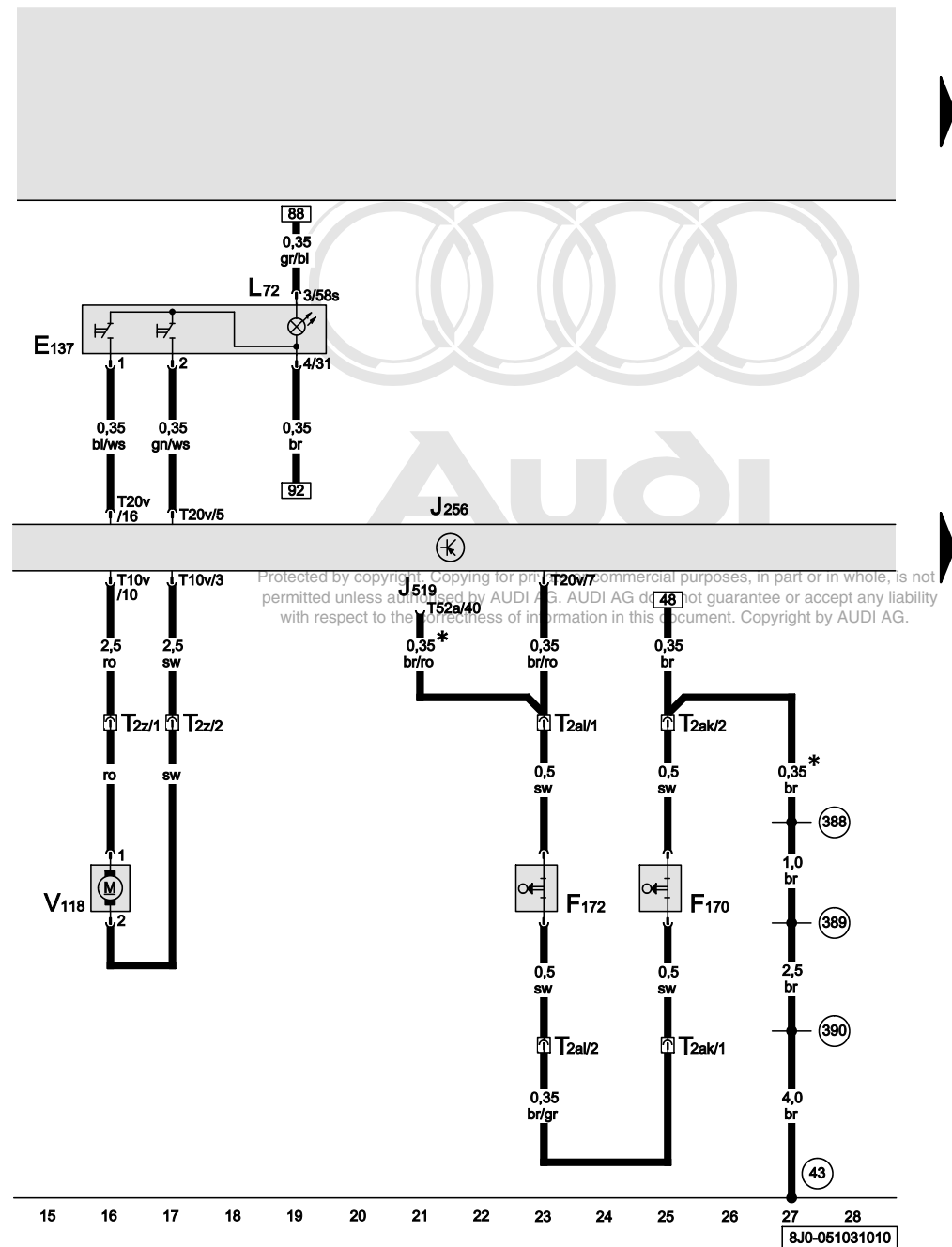
Convertible roof actuation control unit, right and front latch switch for convertible roof, convertible roof actuation button, convertible roof actuation switch illumination bulb, convertible roof actuation hydraulic pump

- E137 Convertible roof actuation switch
- F170 Right latch switch for convertible roof
- F172 Front latch switch for convertible roof
- J256 Convertible roof actuation control unit
- J519 Onboard supply control unit
- L72 Convertible roof actuation switch illumination bulb
- T2z 2-pin connector, black, in rear left side panel
- T2ak 2-pin connector, black, right of A-pillar
- T2al 2-pin connector, black, left of A-pillar
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- T52a 52-pin connector, black, on onboard supply control unit
- V118 Convertible roof actuation hydraulic pump

- 43 Earth point, lower part of right A-pillar
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 390 Earth connection 25, in main wiring harness

* manual convertible roof actuation

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

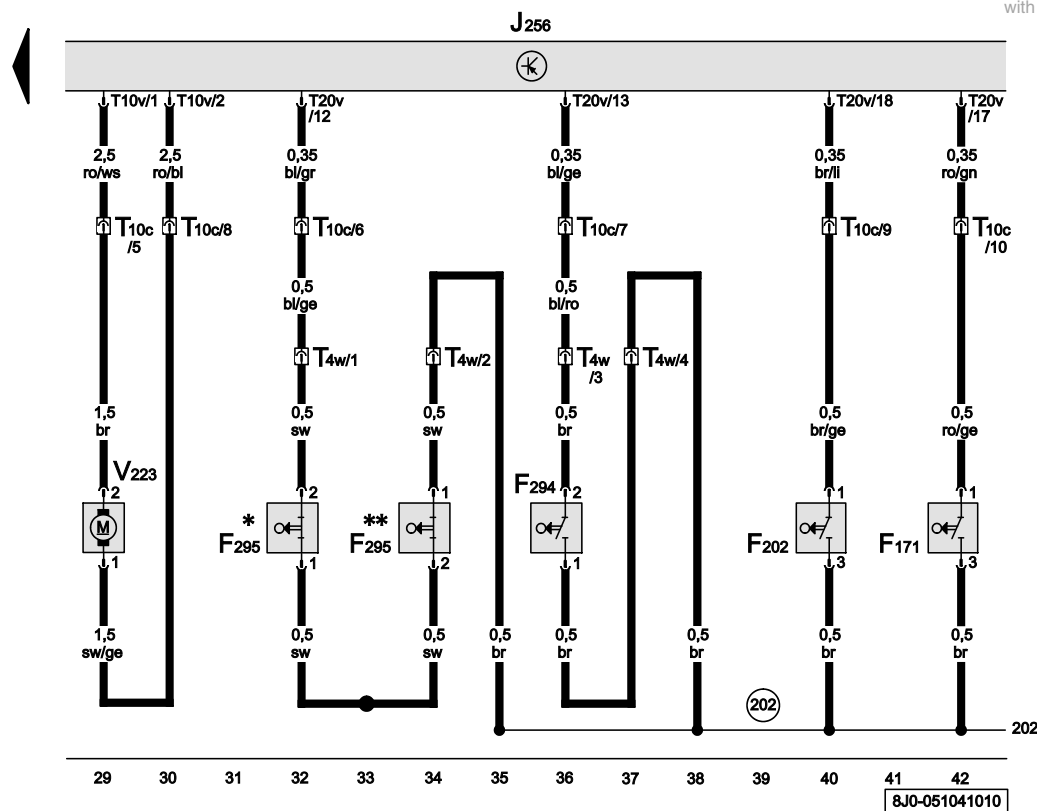


Convertible roof actuation control unit, convertible roof stowed switch, convertible roof front switch, open convertible roof latch closed switch, convertible roof latch closed switch, convertible roof lock motor

- F171 Convertible roof stowed switch
- F172 Front latch switch for convertible roof
- F202 Convertible roof front switch
- F294 Convertible roof latch open switch
- F295 Convertible roof latch closed switch
- J256 Convertible roof actuation control unit
- T4w 4-pin connector, black, near left locking motor
- T10c 10-pin connector, black, rear left side panel
- T10v 10-pin connector, black, connector A, on convertible roof actuation control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- V223 Convertible roof lock motor

Protected by copyright. Copying for private or internal purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

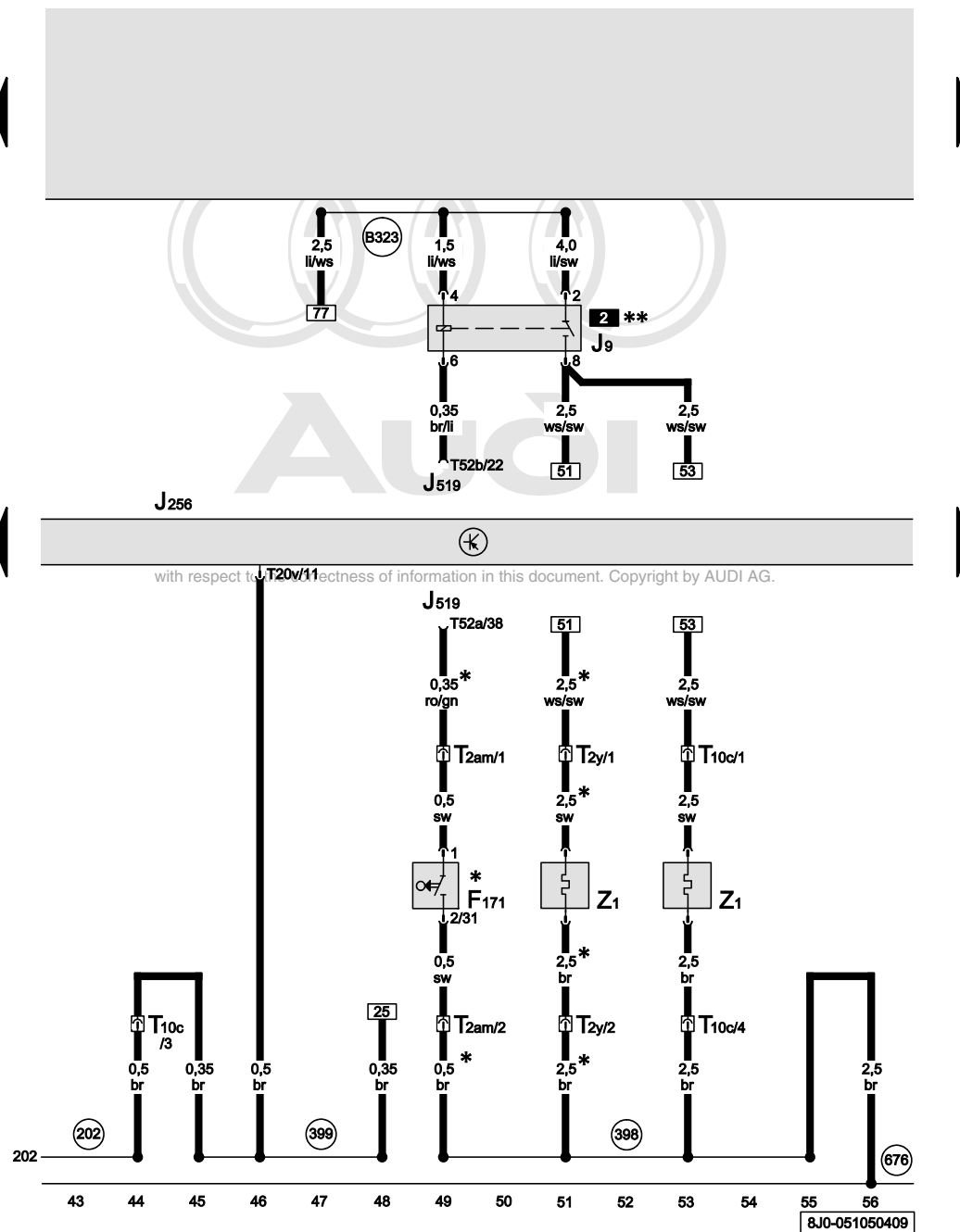
- 202 Earth connection, in convertible roof wiring harness
- * left
- ** right



Convertible roof actuation control unit, convertible roof stowed switch, heated rear window

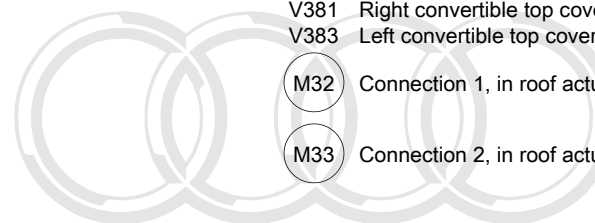
- F171 Convertible roof stowed switch
- J9 Heated rear window relay
- J256 Convertible roof actuation control unit
- J519 Onboard supply control unit
- T2y 2-pin connector, left side panel
- T2am 2-pin connector, black, rear left side panel
- T10c 10-pin connector, black, rear left side panel
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- Z1 Heated rear window

- 202 Earth connection, in convertible roof wiring harness
- 398 Earth connection 33, in main wiring harness
- 399 Earth connection 34, in main wiring harness
- 676 Earth point 2, on left in luggage compartment
- B323 Positive connection 9 (30a), in main wiring harness
- * manual convertible roof actuation
- ** Relay carrier on onboard power supply control unit



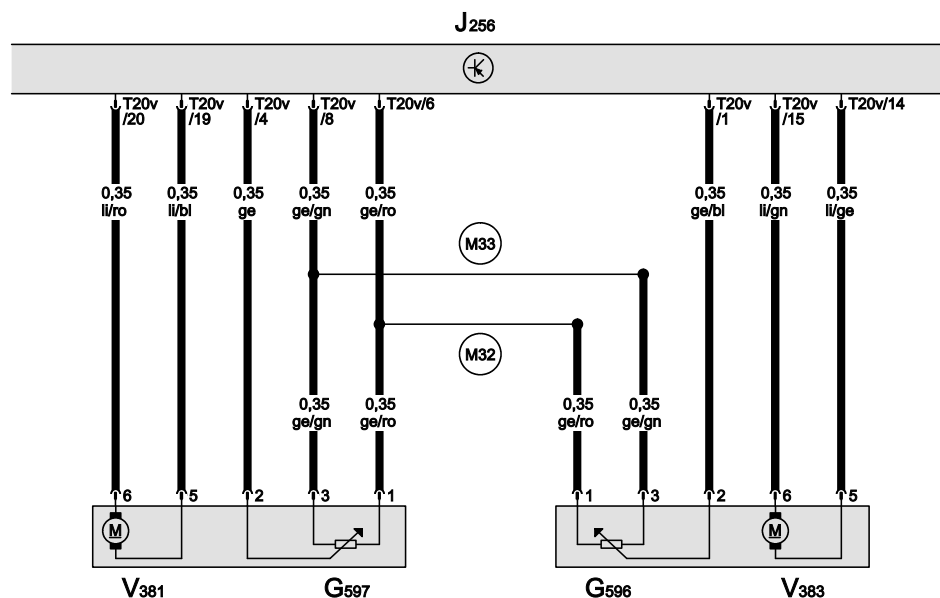
Convertible roof actuation control unit, left and right sender for convertible top flap, right and left convertible top cover motor

- G596 Left sender for convertible top flap
- G597 Right sender for convertible top flap
- J256 Convertible roof actuation control unit
- T20v 20-pin connector, red, connector B, on convertible roof actuation control unit
- V381 Right convertible top cover motor
- V383 Left convertible top cover motor
- M32 Connection 1, in roof actuation wiring harness
- M33 Connection 2, in roof actuation wiring harness



Audi

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

8J0-051060409

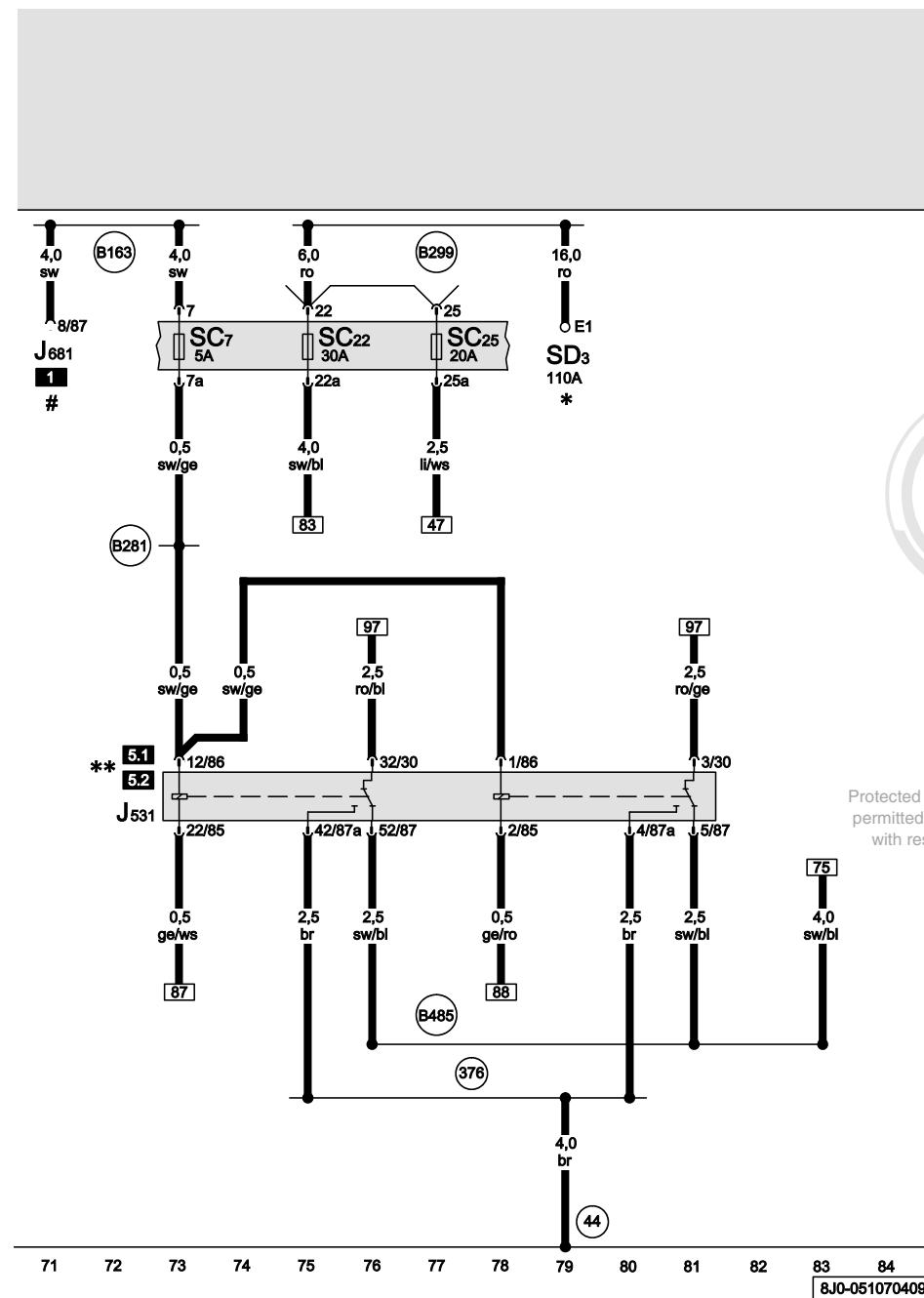
Electric windbreak

- J531 Cabrio windbreak control unit
- J681 Terminal 15 voltage supply relay 2
- SC7 Fuse 7 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SD3 Fuse 3 on fuse holder D

- 44 Earth point, lower part of left A-pillar
- 376 Earth connection 11, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B485 Connection 21 in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Windbreak relay, relay carrier under left dash panel
- # Relay carrier on onboard power supply control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

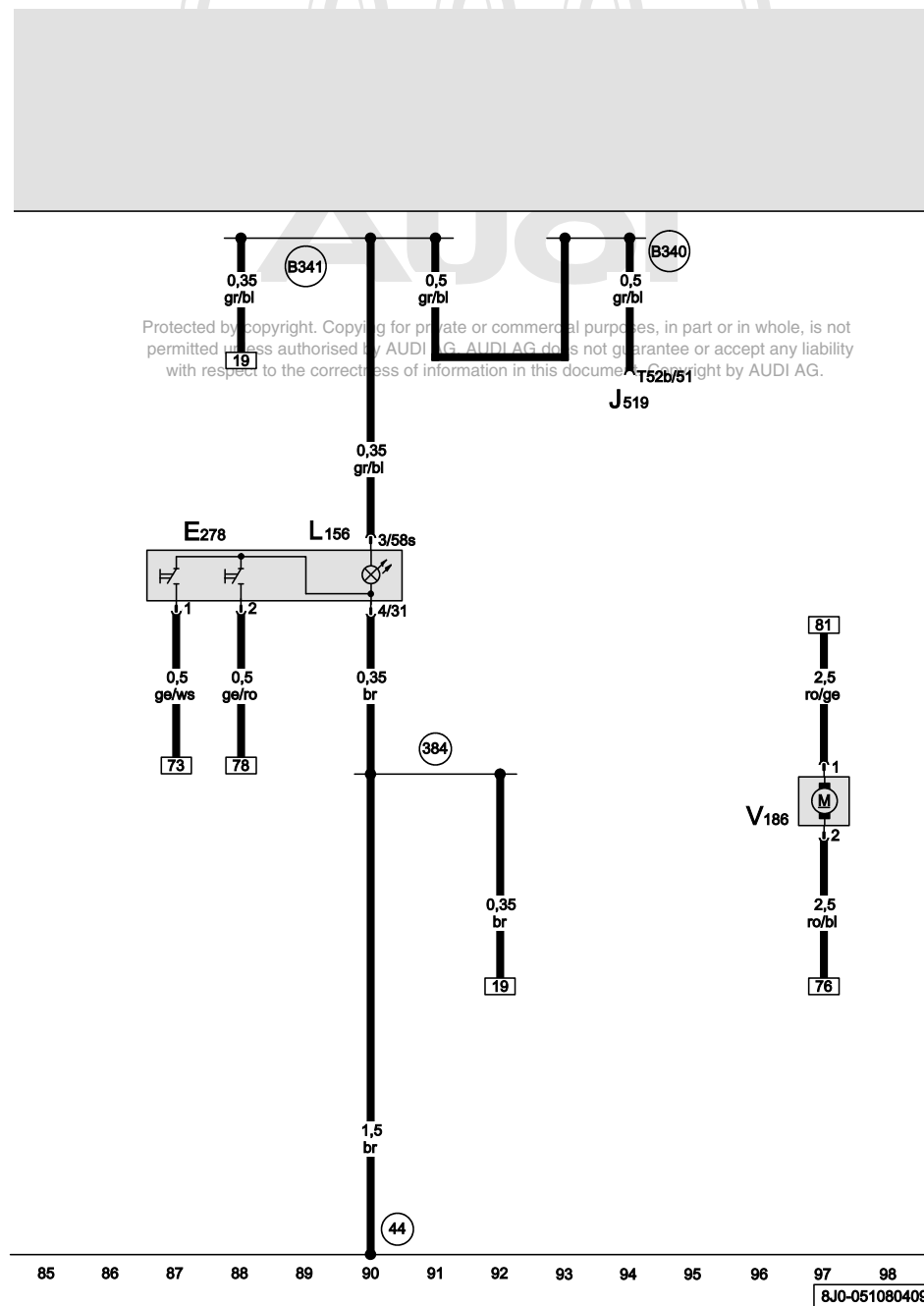
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Electric windbreak

- E278 Cabrio windbreak switch
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T52b 52-pin connector, yellow, on onboard supply control unit
- V186 Cabrio windbreak motor

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B340 Connection 1 (58s), in main wiring harness
- B341 Connection 2 (58s), 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

Rear parking aid

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



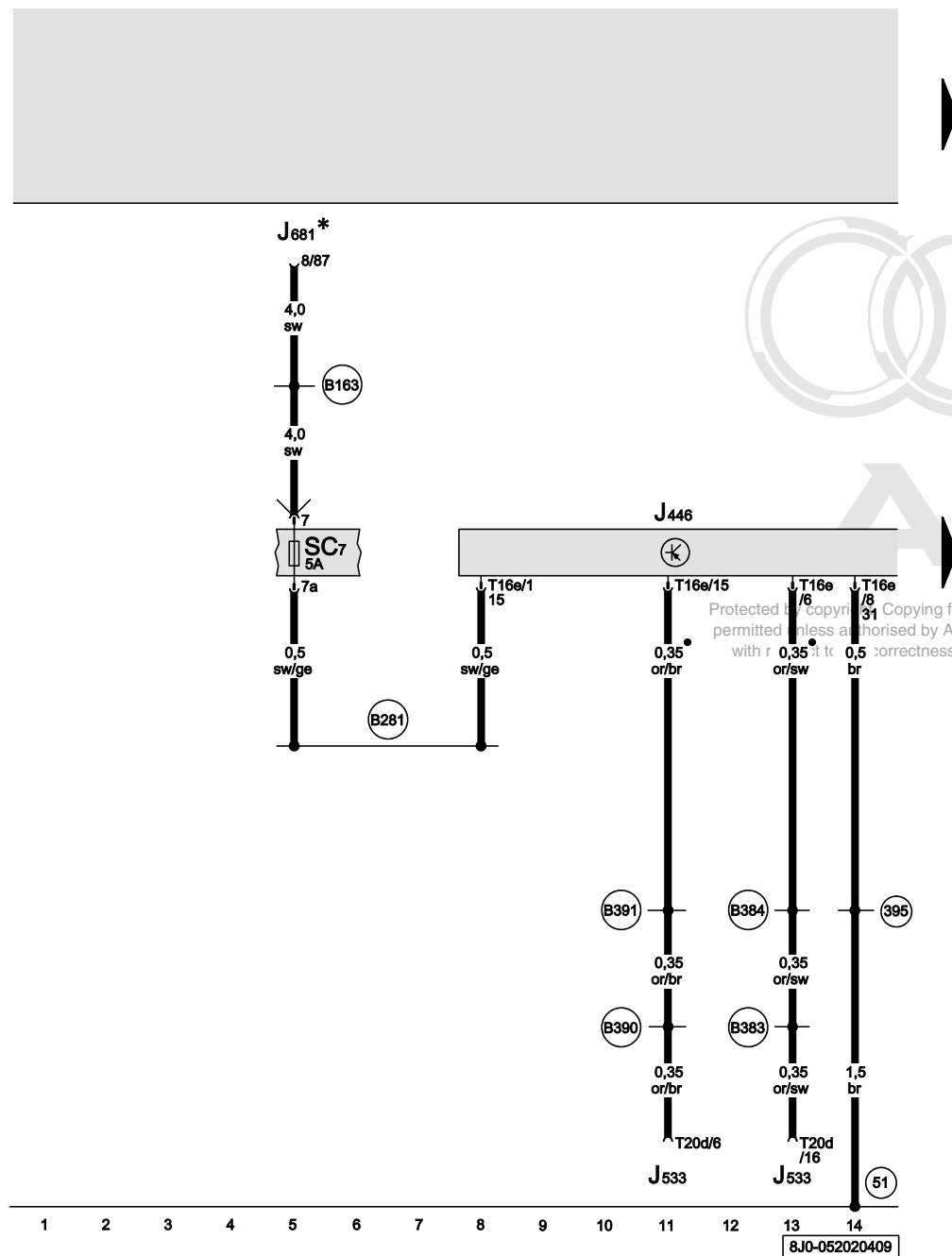
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Parking aid control unit, fuses

- J446 Parking aid control unit
- J533 Data bus diagnostic interface
- J681 Terminal 15 voltage supply relay 2
- SC7 Fuse 7 on fuse holder C
- T16e 16-pin connector, brown, connector A, on parking aid control unit
- T20d 20-pin connector, black, on data bus diagnostic interface

- 51 Earth point, on right in luggage compartment
- 395 Earth connection 30, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B281 Positive connection 5 (15a), in main wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- * CAN bus (data wire)
- * Relay carrier on onboard power supply control unit

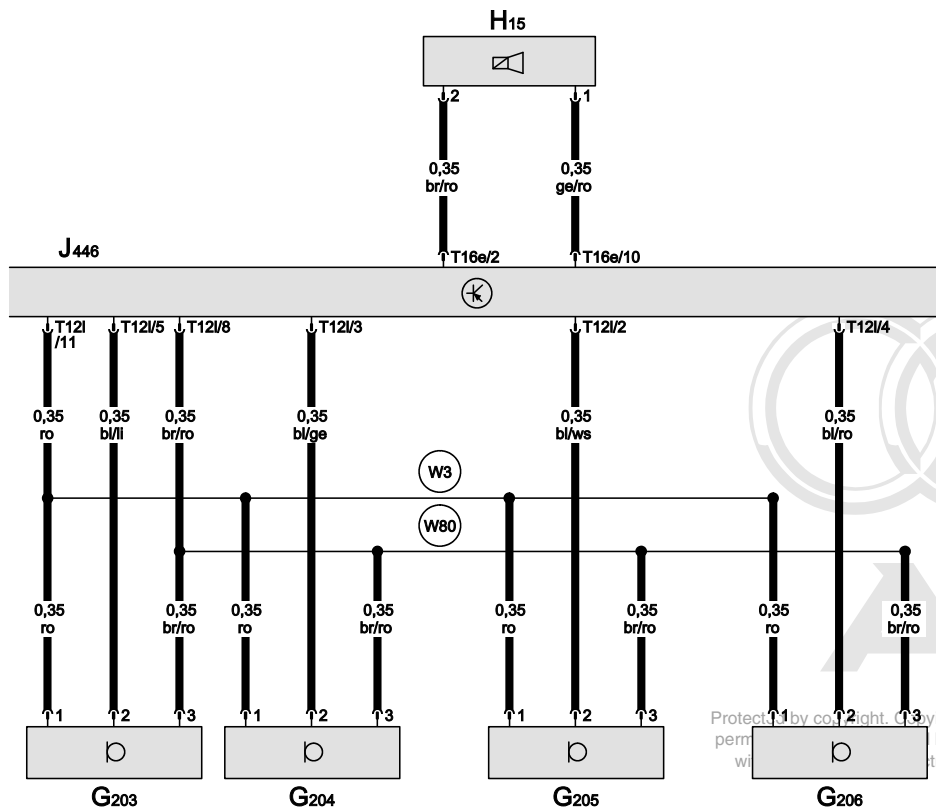


Parking aid control unit, rear parking aid sender, rear parking aid warning buzzer

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T12l 12-pin connector, black, connector C, on parking aid control unit
- T16e 16-pin connector, brown, connector A, on parking aid control unit

W3 Connection, in rear wiring harness

W80 Connection 2, in rear wiring harness



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the written permission of AUDI AG. AUDI AG does not guarantee or accept any liability for the correctness of information in this document. Copyright by AUDI AG.

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

Haldex coupling with four-wheel drive

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

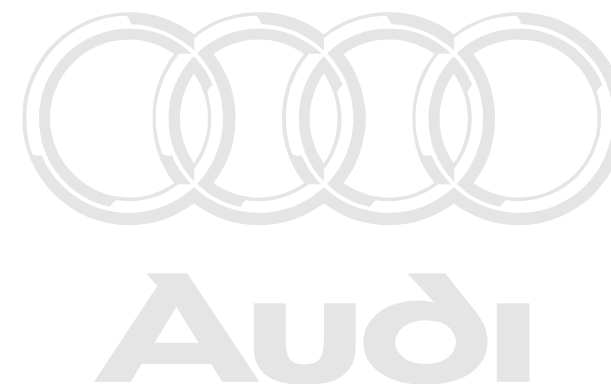
- ◆ Earth connections

⇒ List of Fitting Locations!

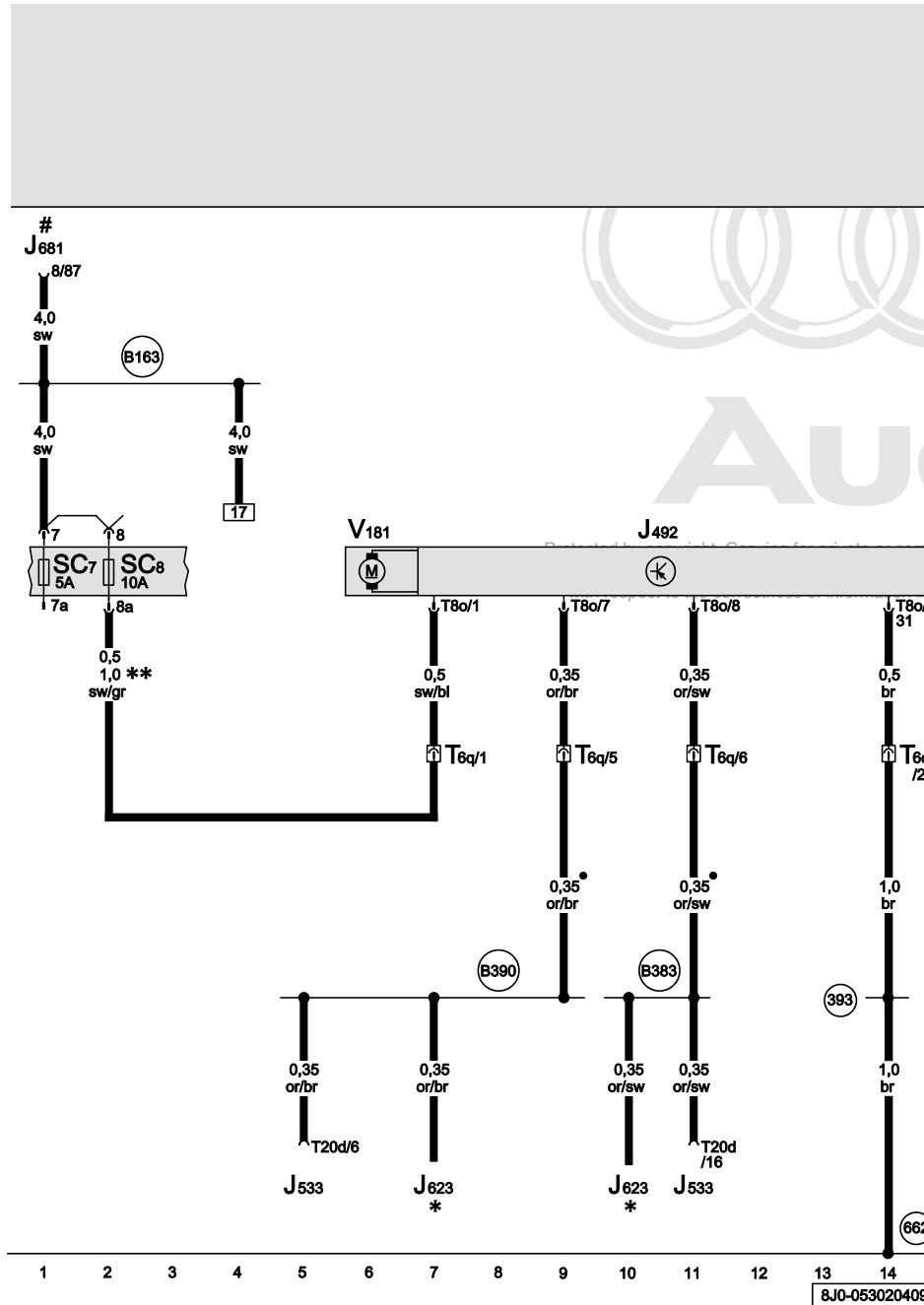
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Four-wheel drive control unit, haldex coupling pump, fuses

- J492 Four-wheel drive control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J681 Terminal 15 voltage supply relay 2
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8o 8-pin connector, black, on four-wheel drive control unit
- T20d 20-pin connector, black, on data bus diagnostic interface
- V181 Haldex coupling pump
- 393 Earth connection 28, in main wiring harness
- 662 Earth point, rear left side panel
- B163 Positive connection 1 (15), in interior wiring harness
- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * ⇒ Engine Current Flow Diagram according to the equipment
- ** Relay carrier on onboard power supply control unit
- # Relay carrier on onboard power supply control unit

Four-wheel drive control unit, brake light switch, oil pressure and oil temperature sender, coupling opening control valve

- F Brake light switch
- F47 Brake pedal switch
- G437 Oil pressure and oil temperature sender
- J104 ABS control unit
- J492 Four-wheel drive control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- N373 Coupling opening control valve
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- T2ag 2-pin connector, near four-wheel drive control unit
- T4t 4-pin connector, black, on brake light switch
- T6q 6-pin connector, black, on four-wheel drive control unit
- T8o 8-pin connector, black, on four-wheel drive control unit
- T47 47-pin connector, on ABS control unit
- T52c 52-pin connector, brown, on onboard supply control unit

366 Earth connection 1, in main wiring harness

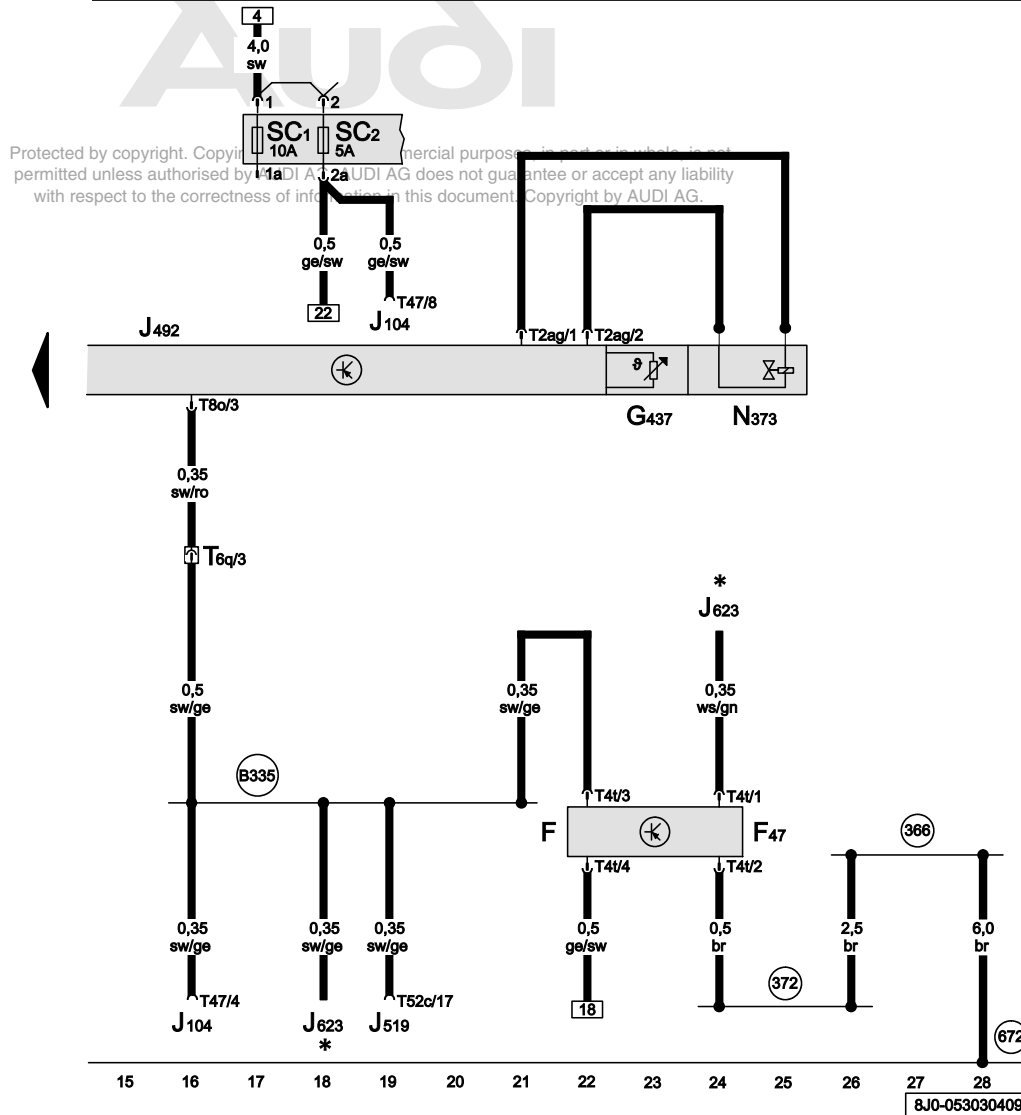
372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

B335 Connection 1 (54), in main wiring harness

* ⇒ Engine 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



Headlight for gaseous discharge light (Bixenon) and automatic headlight range control

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

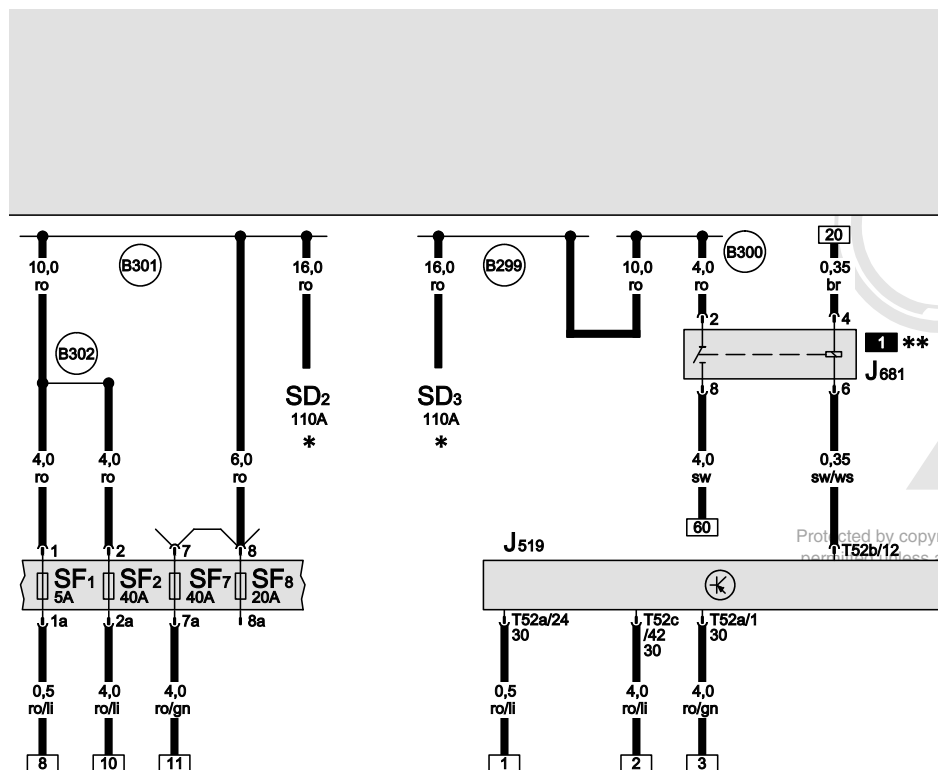
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

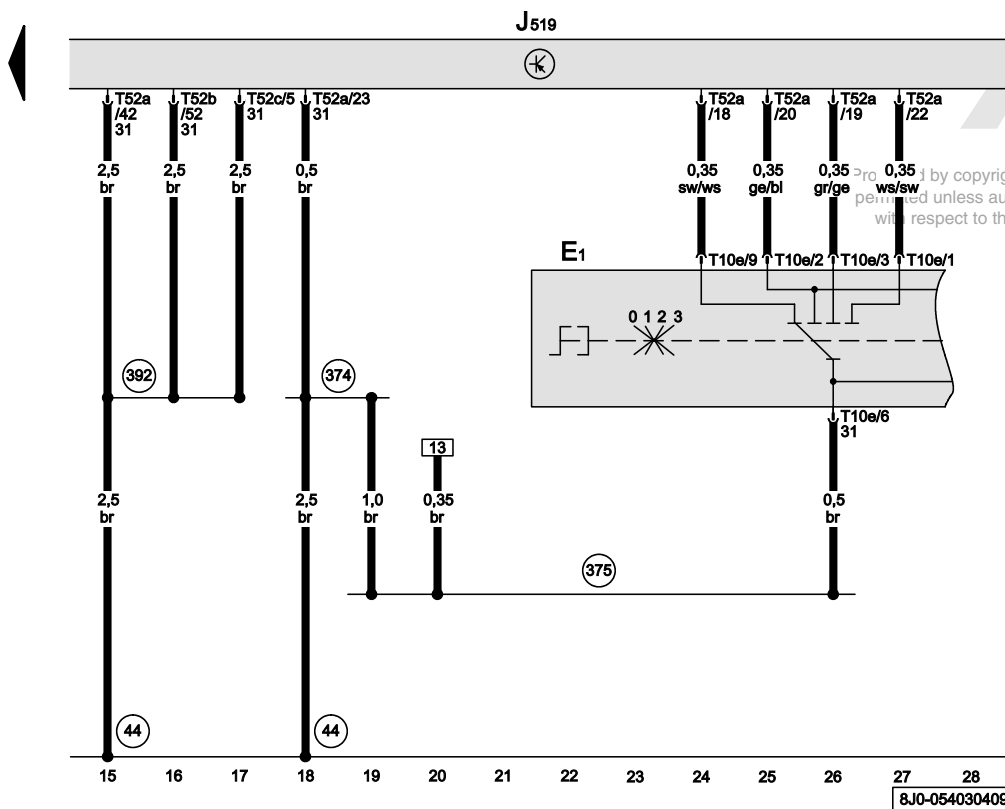
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit

- 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, light switch

- E1 Light switch
- J519 Onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, in main wiring harness



Onboard supply control unit, left gas discharge light control unit

- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- N395 Left headlight screen adjustment solenoid
- T14a 14-pin connector, black, on left of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V48 Left headlight range control motor

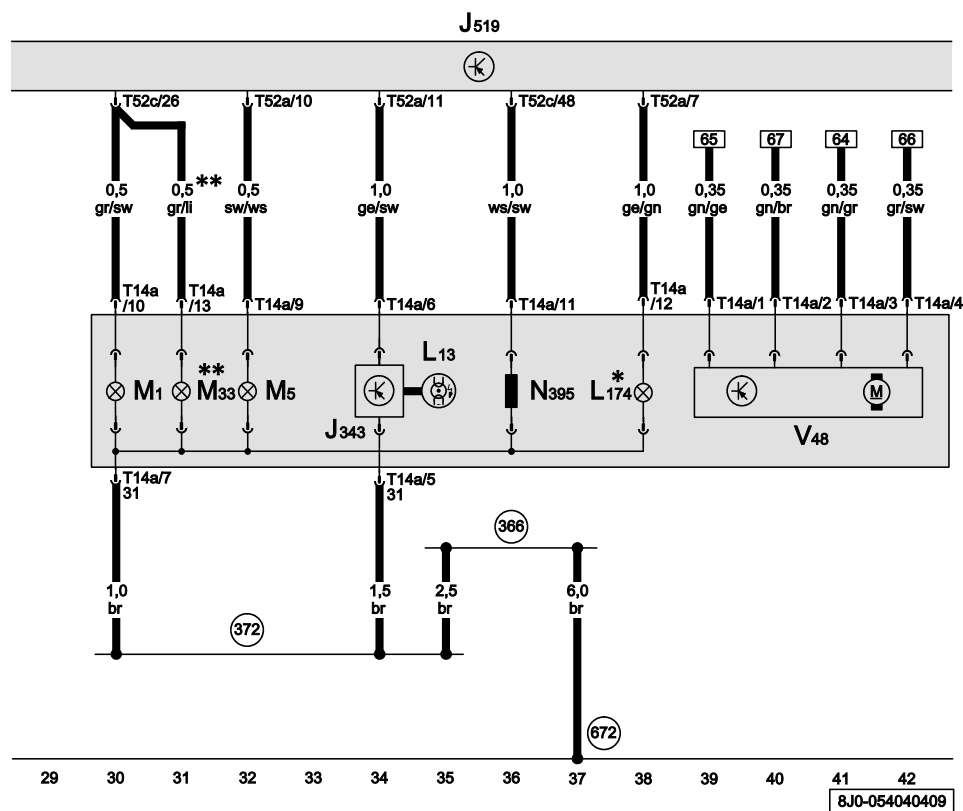
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

* models with day driving light
** only USA



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 gas discharge light control unit

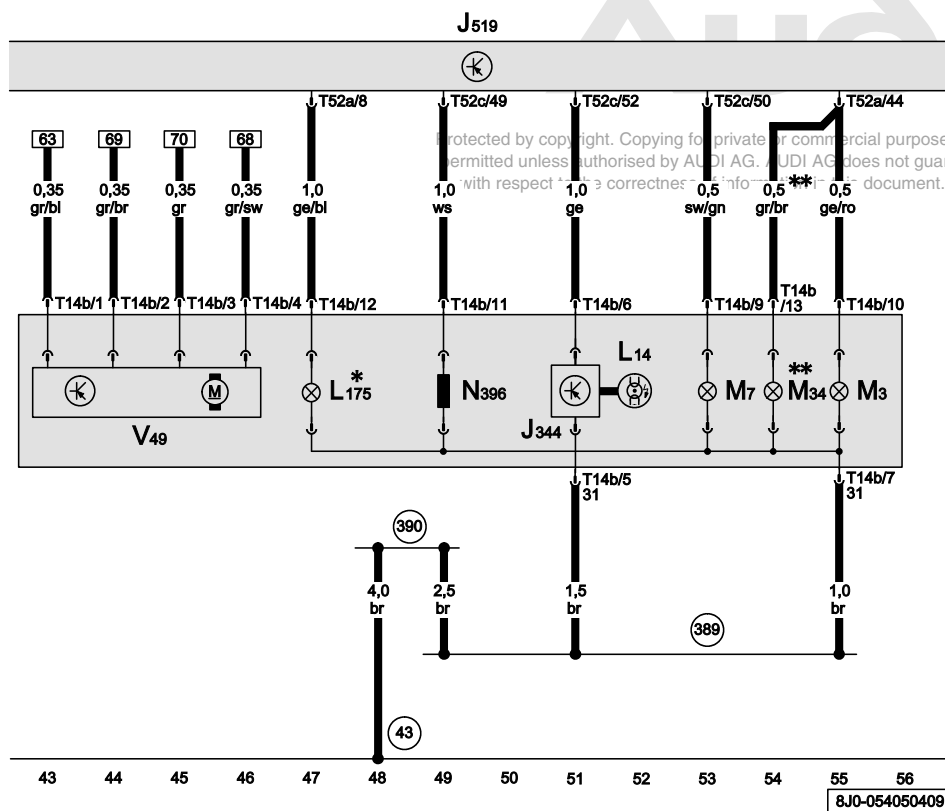
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- N396 Right headlight screen adjustment solenoid
- T14b 14-pin connector, black, on right of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V49 Right headlight range control motor

43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

* models with day driving light
** only USA

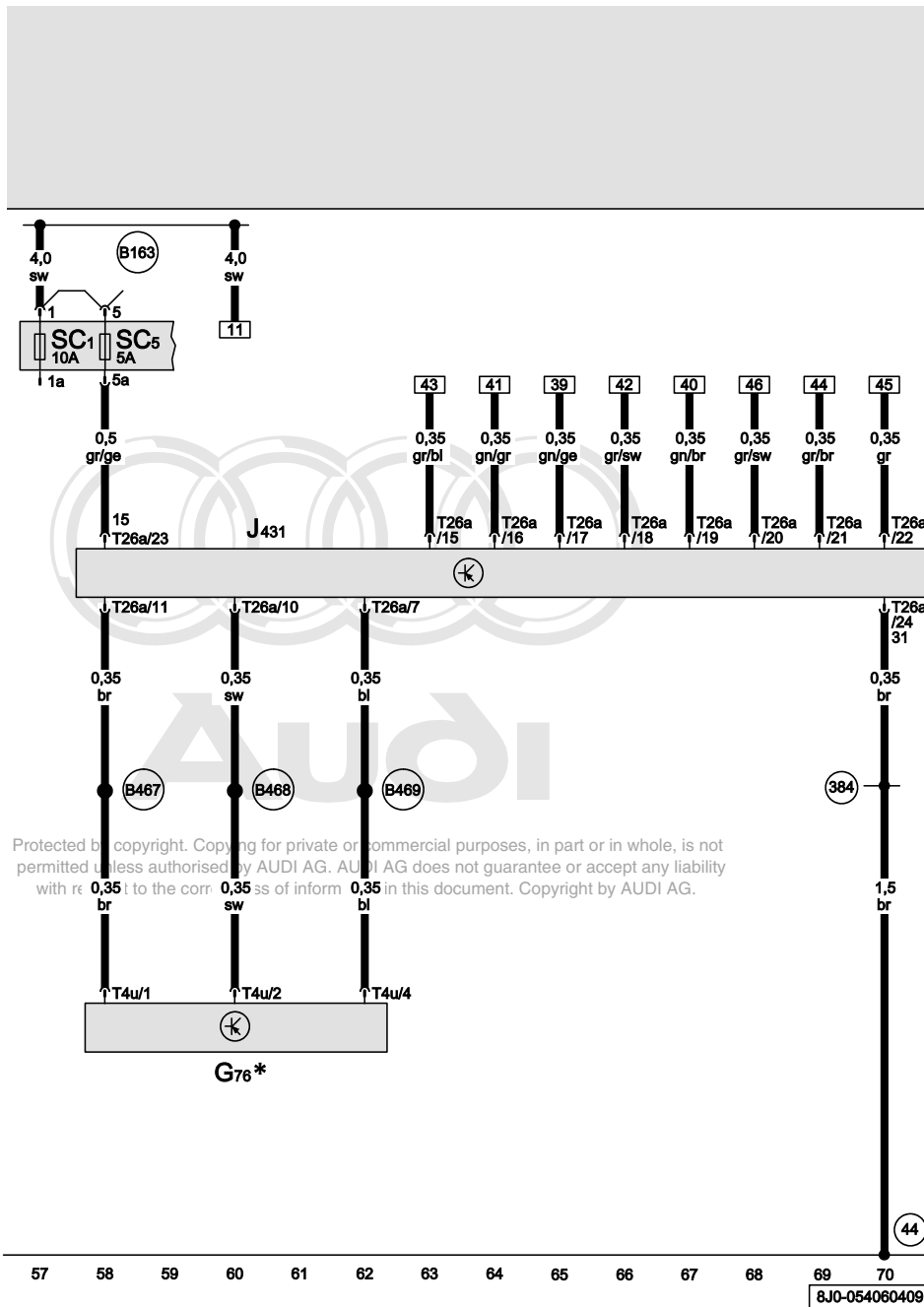


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Headlight range control, control unit, rear left vehicle level sender

- G76 Rear left vehicle level sender
- J431 Headlight range control, control unit
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4u 4-pin connector, black, on rear left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness
- * not for electronically controlled damping



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

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

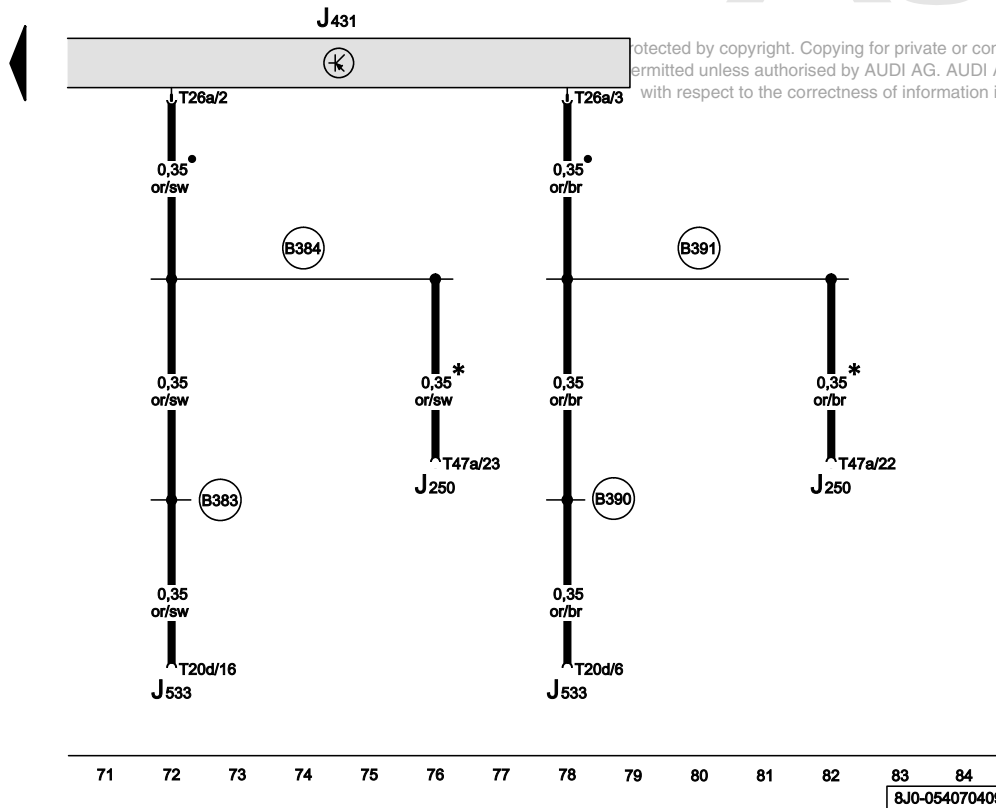
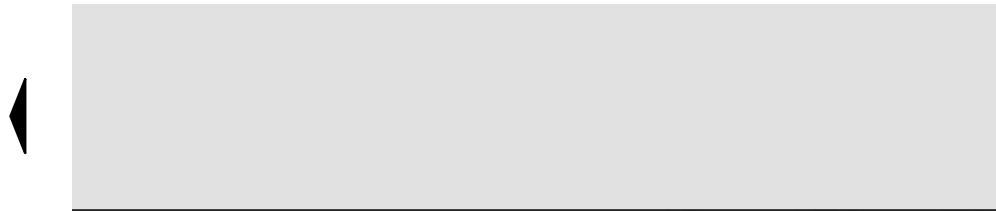
B383 Connection 1 (drive train CAN bus, high), in main wiring harness

B384 Connection 2 (drive train CAN bus, high), in main wiring harness

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

B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * models with electronically controlled damping



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

Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

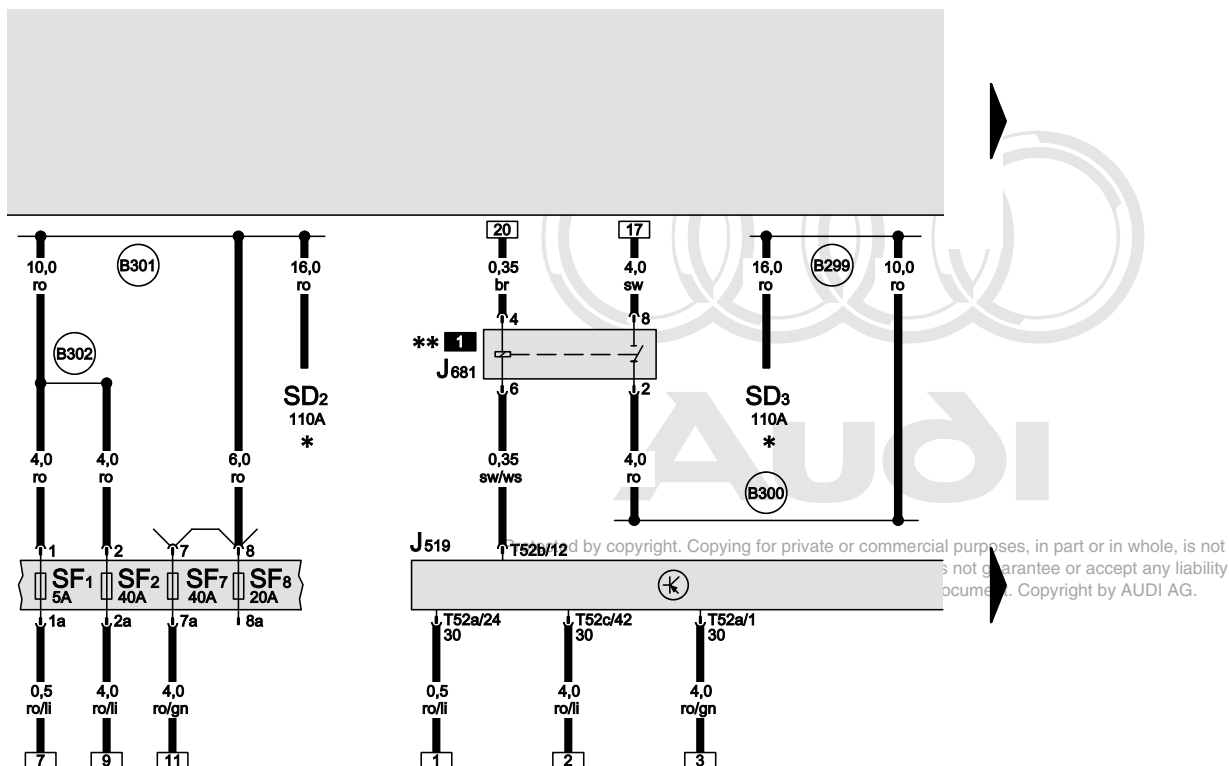
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

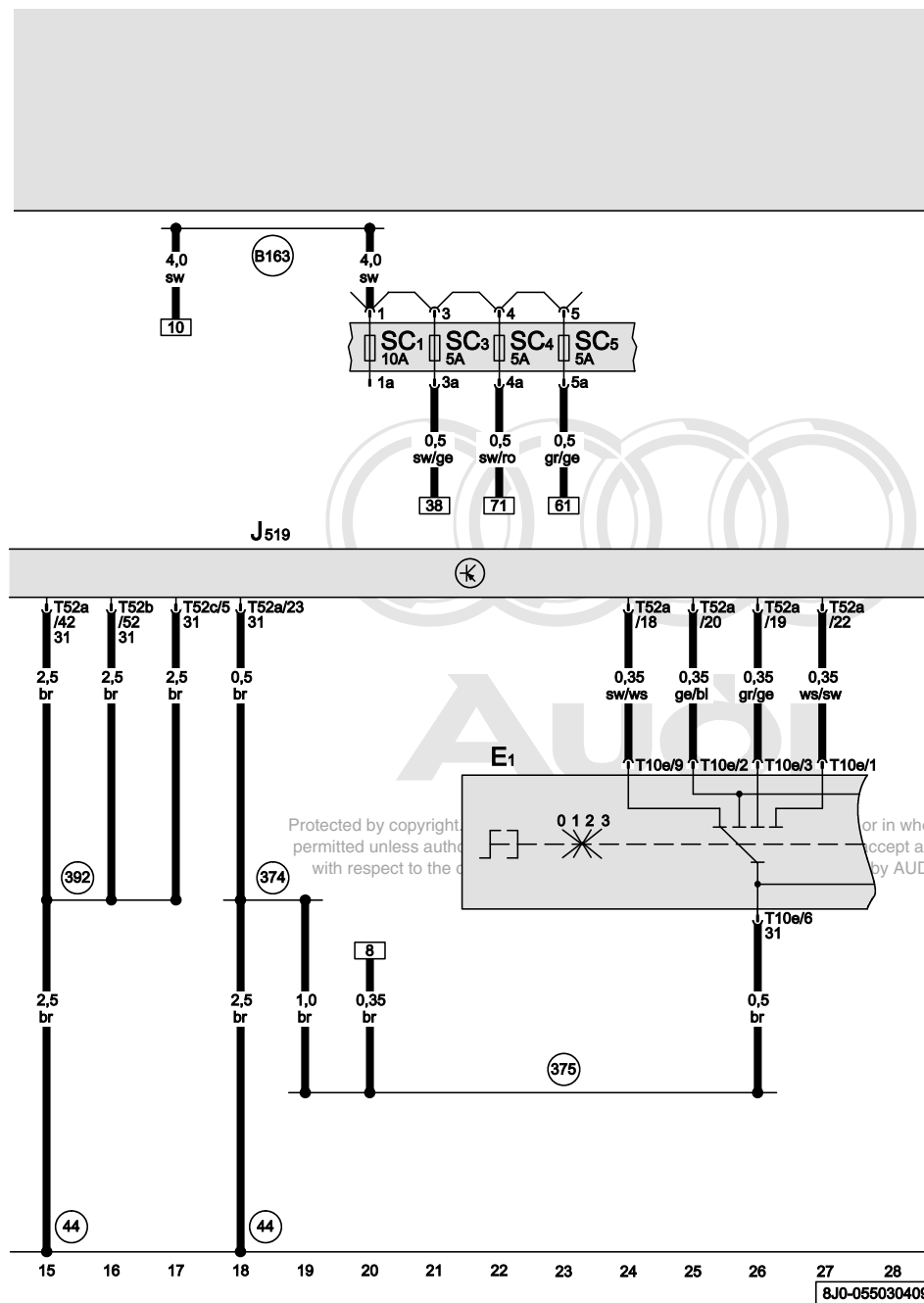
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit

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, light switch

- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B163 Positive connection 1 (15), in interior 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, left gas discharge light control unit, power output module for left headlight

- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T14a 14-pin connector, black, on left of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

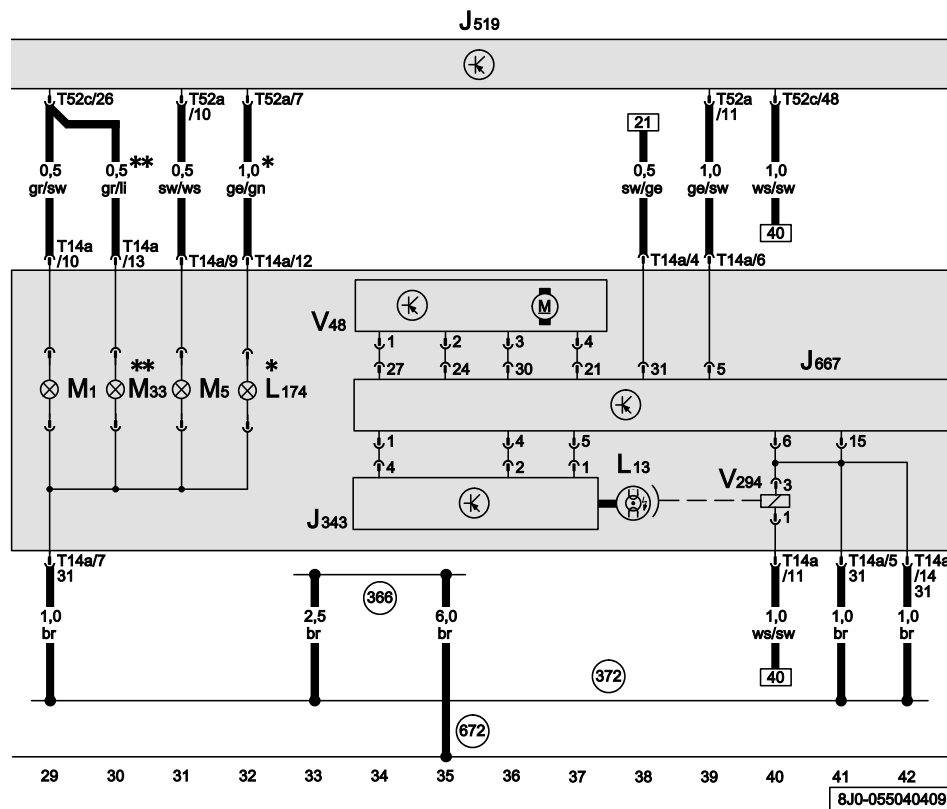
366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

* models with day driving light
** only USA

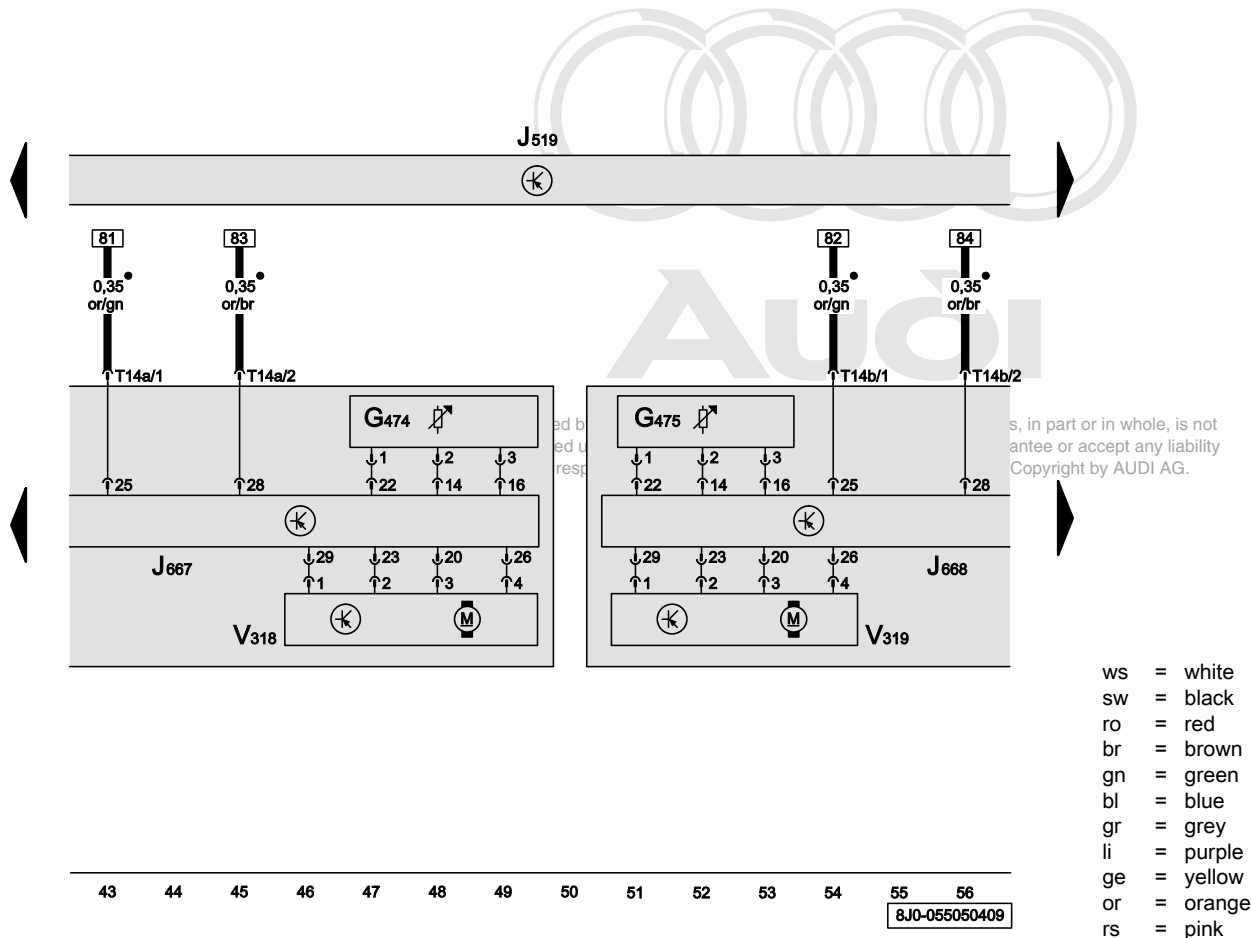
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, power output module for left headlight, power output module for right headlight, swivel module position sensor, dynamic cornering light control motor

- G474 Left swivel module position sensor
- G475 Right swivel module position sensor
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- J668 Power output module for right headlight
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V318 Left dynamic cornering light control motor
- V319 Right dynamic cornering light control motor
- CAN bus (data wire)



Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14b 14-pin connector, black, on right of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V49 Right headlight range control motor
- V295 Right dip beam screen motor

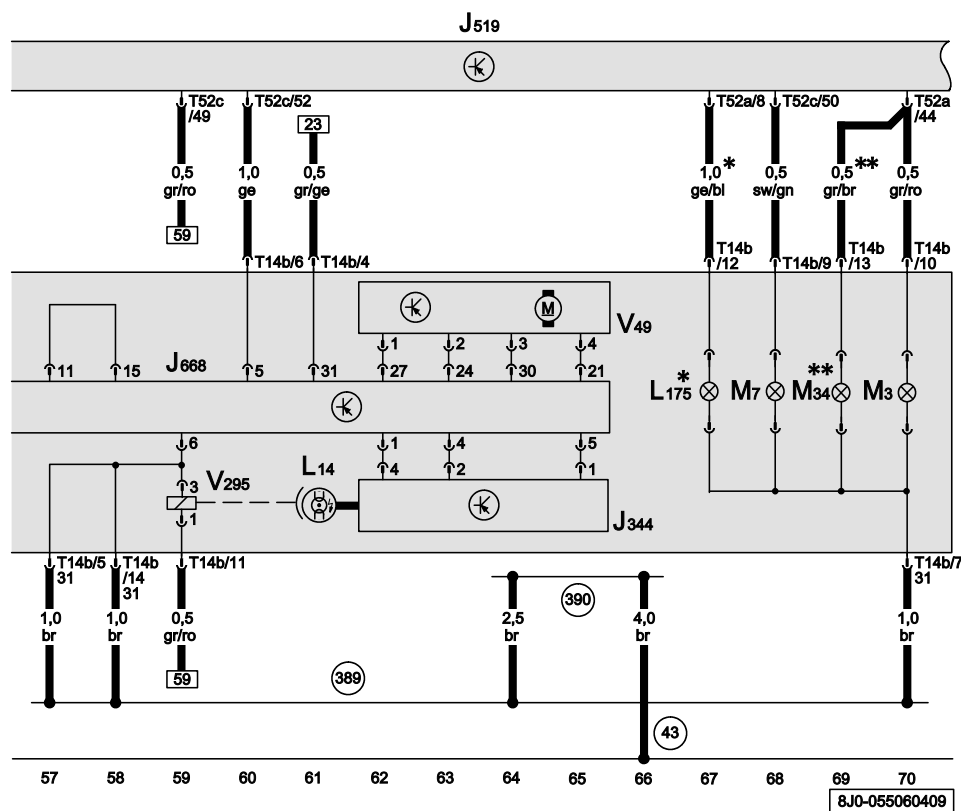
43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

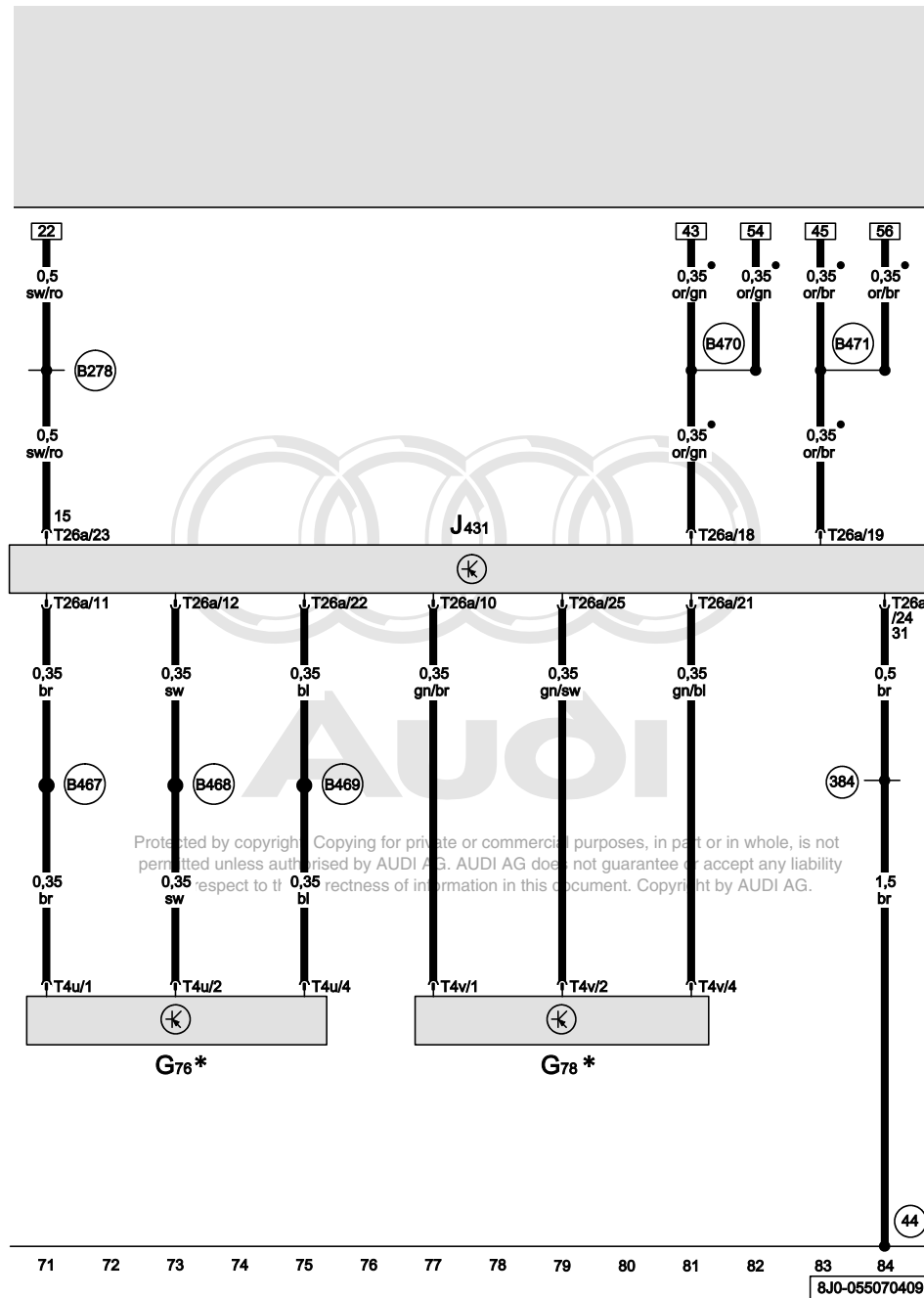
390 Earth connection 25, in main wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Audi AG. Audi AG does not warrant or accept any liability with respect to the correctness of the information in this document. Copyright by AUDI AG.

models with day driving light
only USA



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



Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness
- B470 Connection 6 in main wiring harness
- B471 Connection 7 in main wiring harness
- CAN bus (data wire)
- * not for electronically controlled damping

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

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

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

B384 Connection 2 (drive train CAN bus, high), in main wiring harness

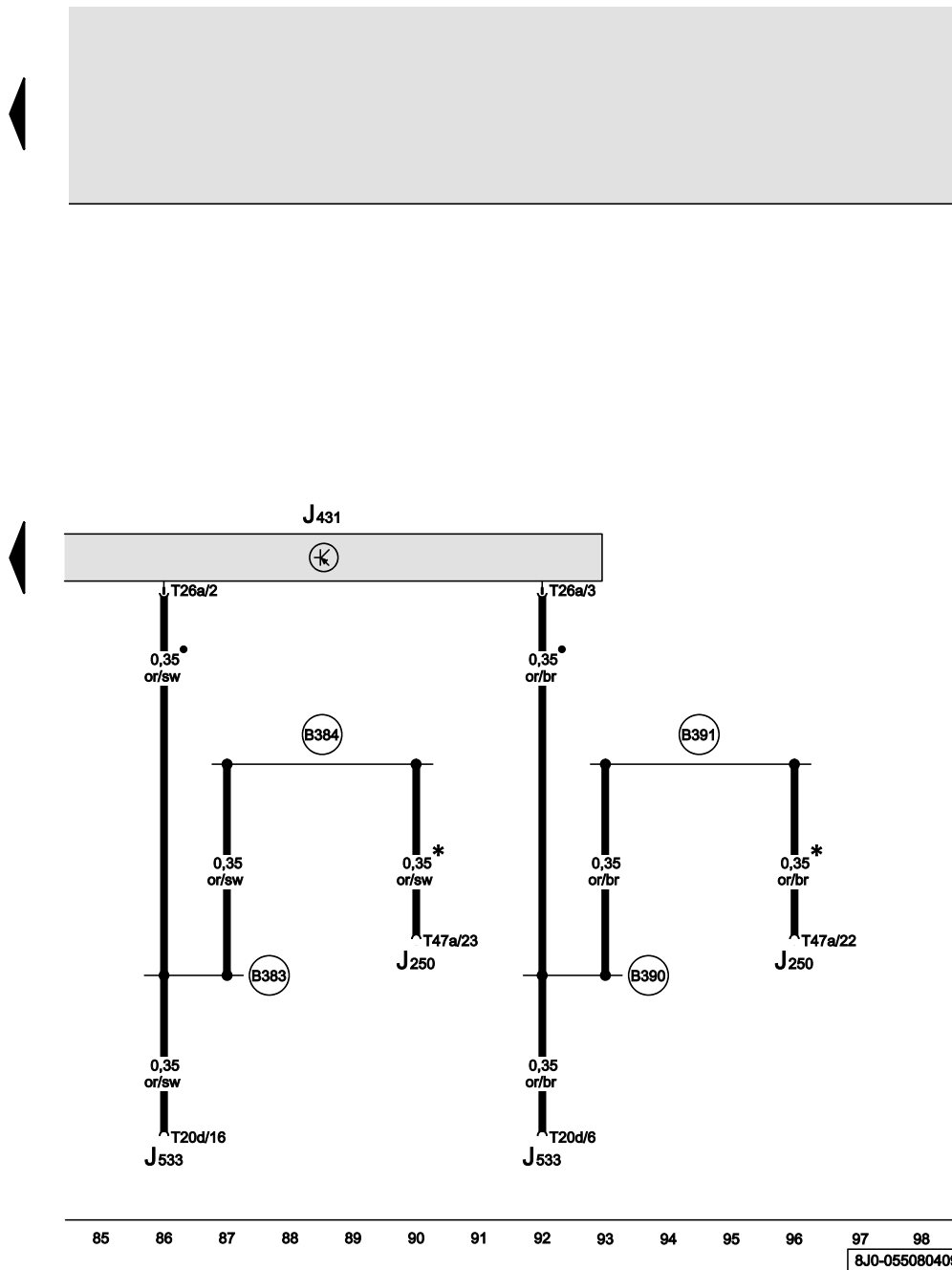
B390 Connection 1 (drive train CAN bus, low), in main wiring harness

B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * models with electronically controlled damping



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Headlight for gaseous discharge light (Bixenon) and automatic headlight range control

⇒ Side light and day driving light with LED

from June 2009

Notes:

For information concerning

◆ Position of relays and fuses

◆ Multi-pin connections

◆ Control units and relays

◆ Earth connections

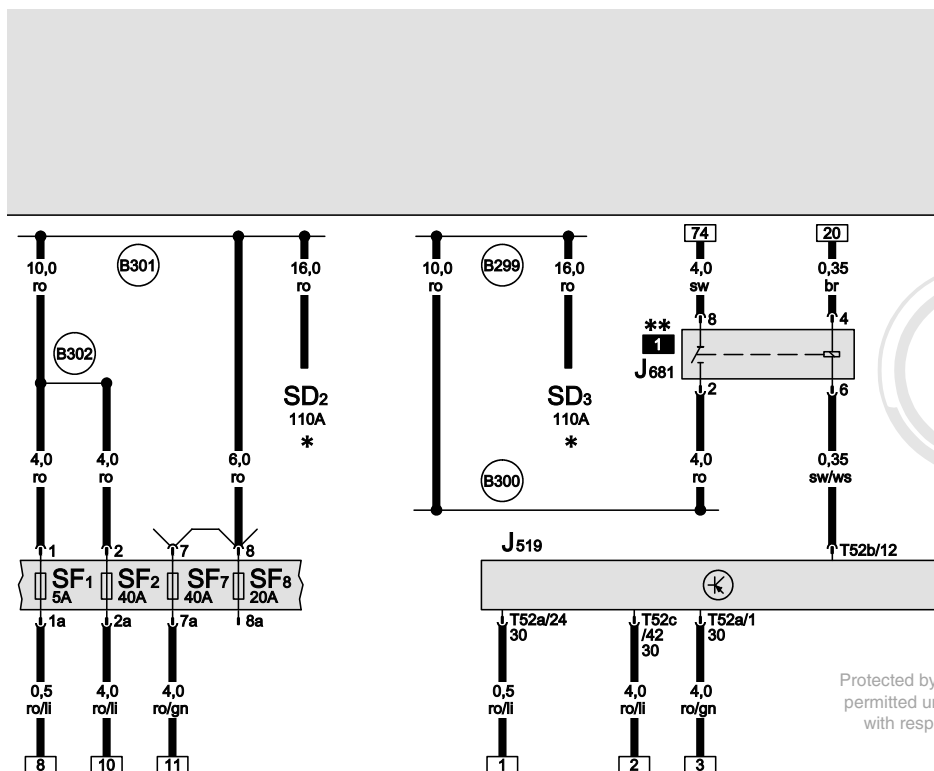
⇒ List of Fitting Locations!

For information concerning

◆ Fault Finding Programs

⇒ guided fault finding

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B302 Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit

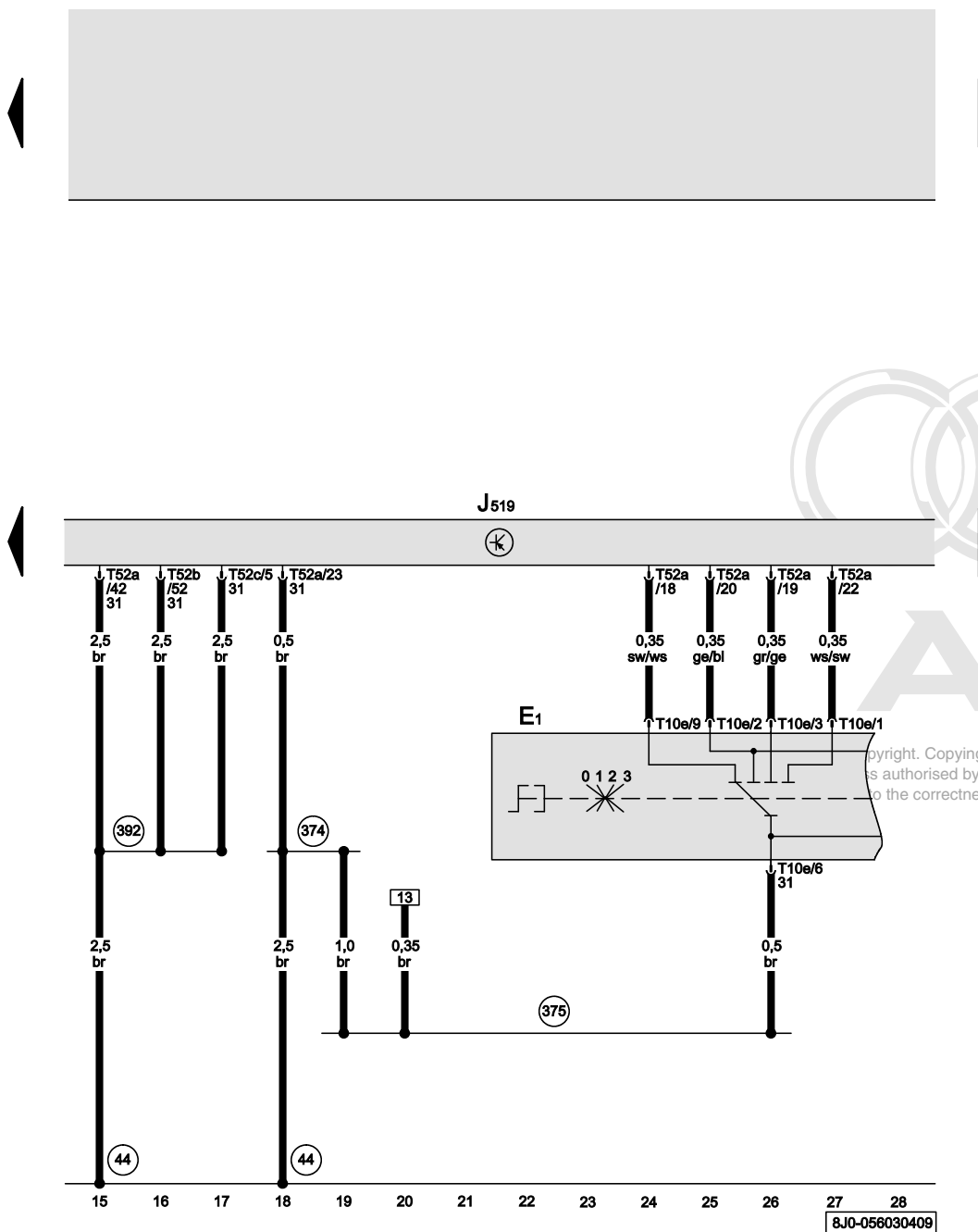
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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, light switch

- E1 Light switch
- J519 Onboard supply control unit
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, 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

Onboard supply control unit, left gas discharge light control unit, power output module for left headlight

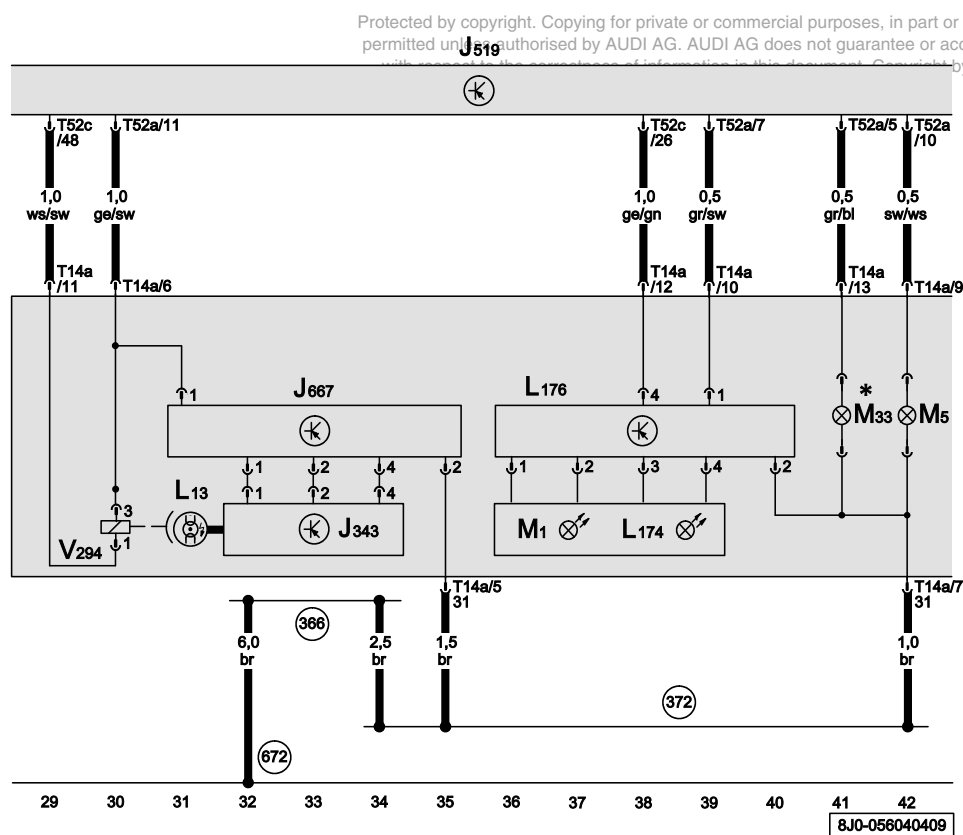
- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- L176 Left LED module for daytime running light and side light
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T14a 14-pin connector, black, on left of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V294 Left dip beam screen motor

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

* only USA



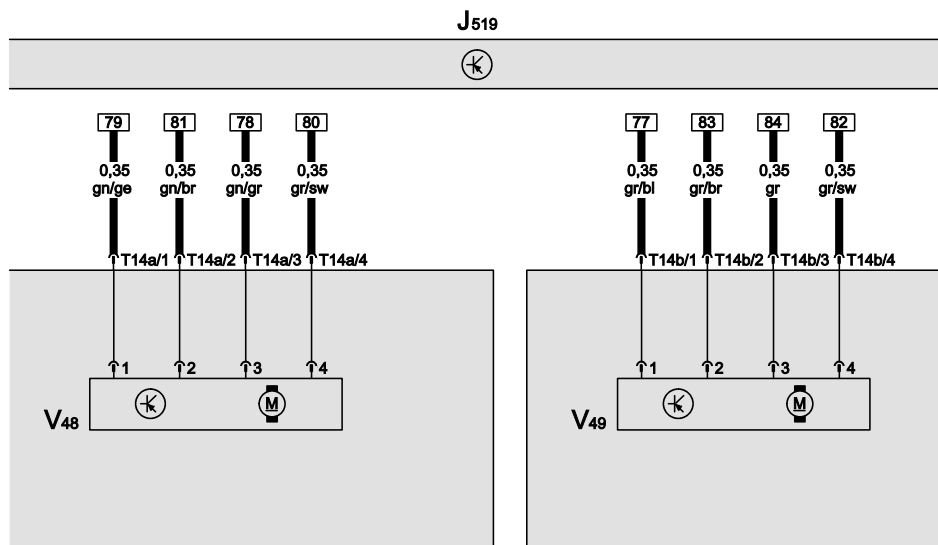
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, left headlight range control motor, right headlight range control motor

- J519 Onboard supply control unit
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V48 Left headlight range control motor
- V49 Right headlight range control motor



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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 gas discharge light control unit, power output module for right headlight

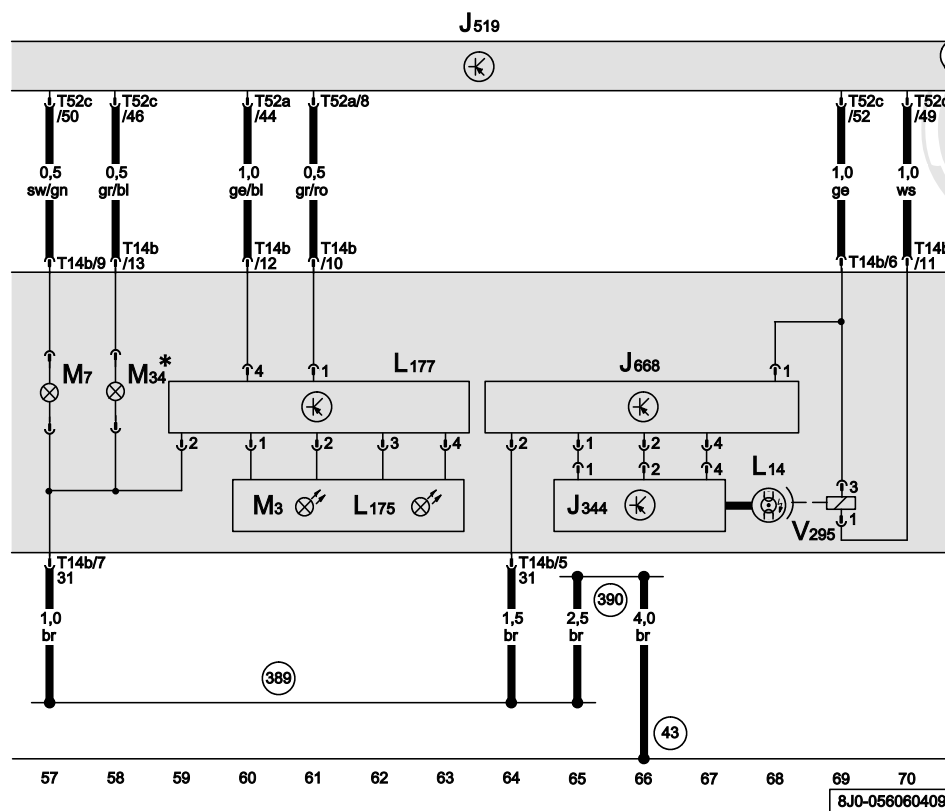
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- L177 Right LED module for daytime running light and side light
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14b 14-pin connector, black, on right of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V295 Right dip beam screen motor

43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

* only USA

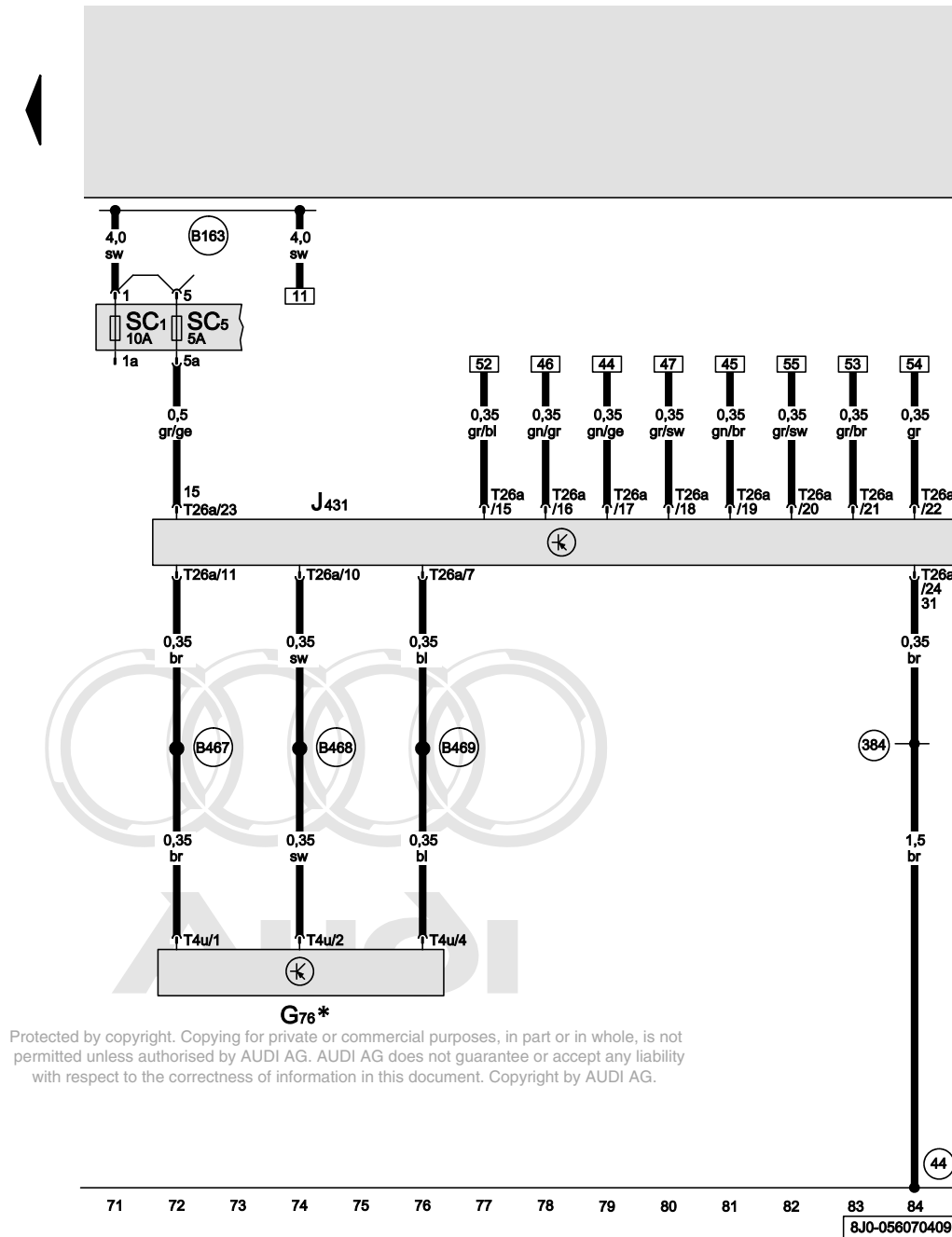


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Headlight range control, control unit, rear left vehicle level sender

- G76 Rear left vehicle level sender
- J431 Headlight range control, control unit
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T4u 4-pin connector, black, on rear left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness
- * not for electronically controlled damping



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

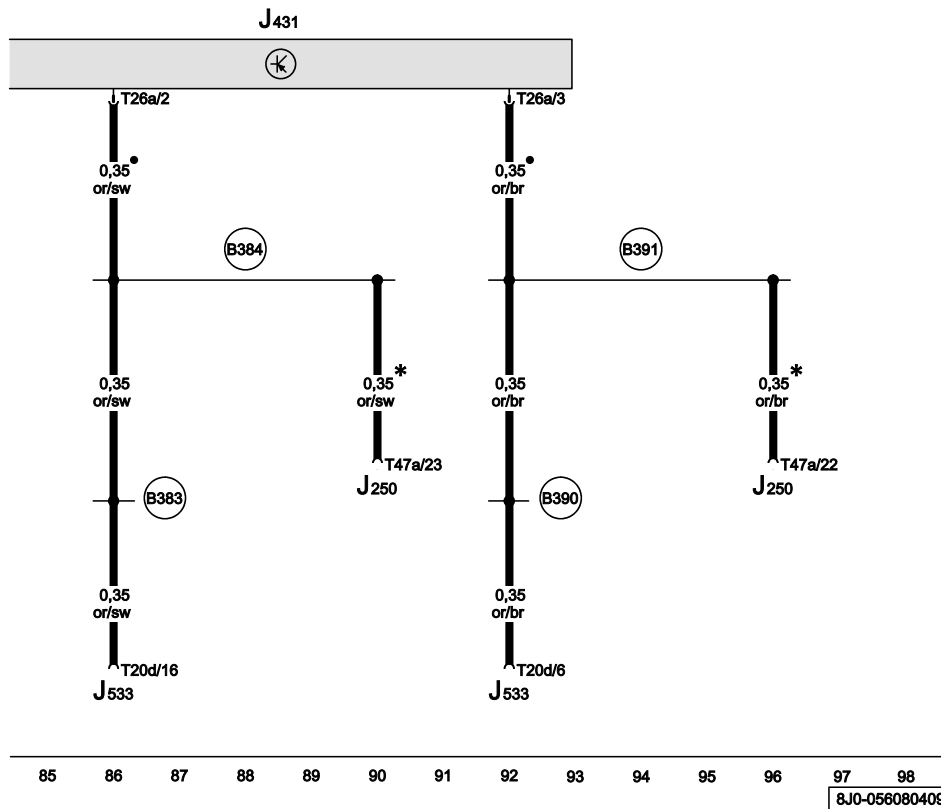
Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

- B383 Connection 1 (drive train CAN bus, high), in main wiring harness
- B384 Connection 2 (drive train CAN bus, high), in main wiring harness
- B390 Connection 1 (drive train CAN bus, low), in main wiring harness
- B391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * models with electronically controlled damping

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control

⇒ Side light and day driving light with LED

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

⇒ List of Fitting Locations!

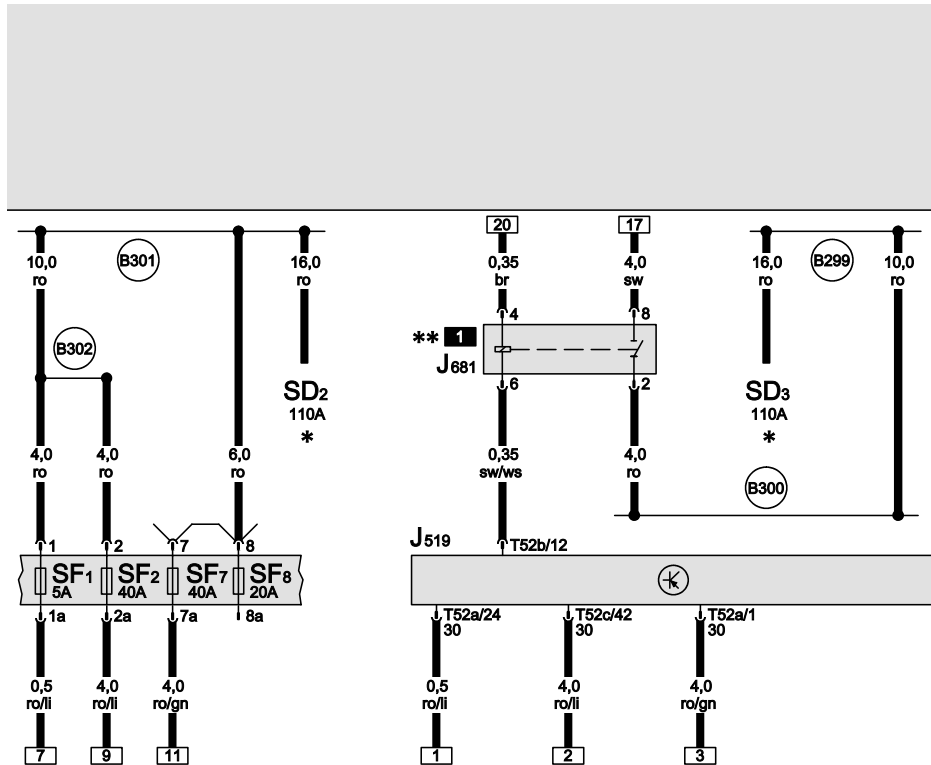
For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B301) Positive connection 5 (30), in main wiring harness
- (B302) Positive connection 6 (30), in main wiring harness
- * main fuse box, in luggage compartment, rear right, on the battery
- ** Relay carrier on onboard power supply control unit

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

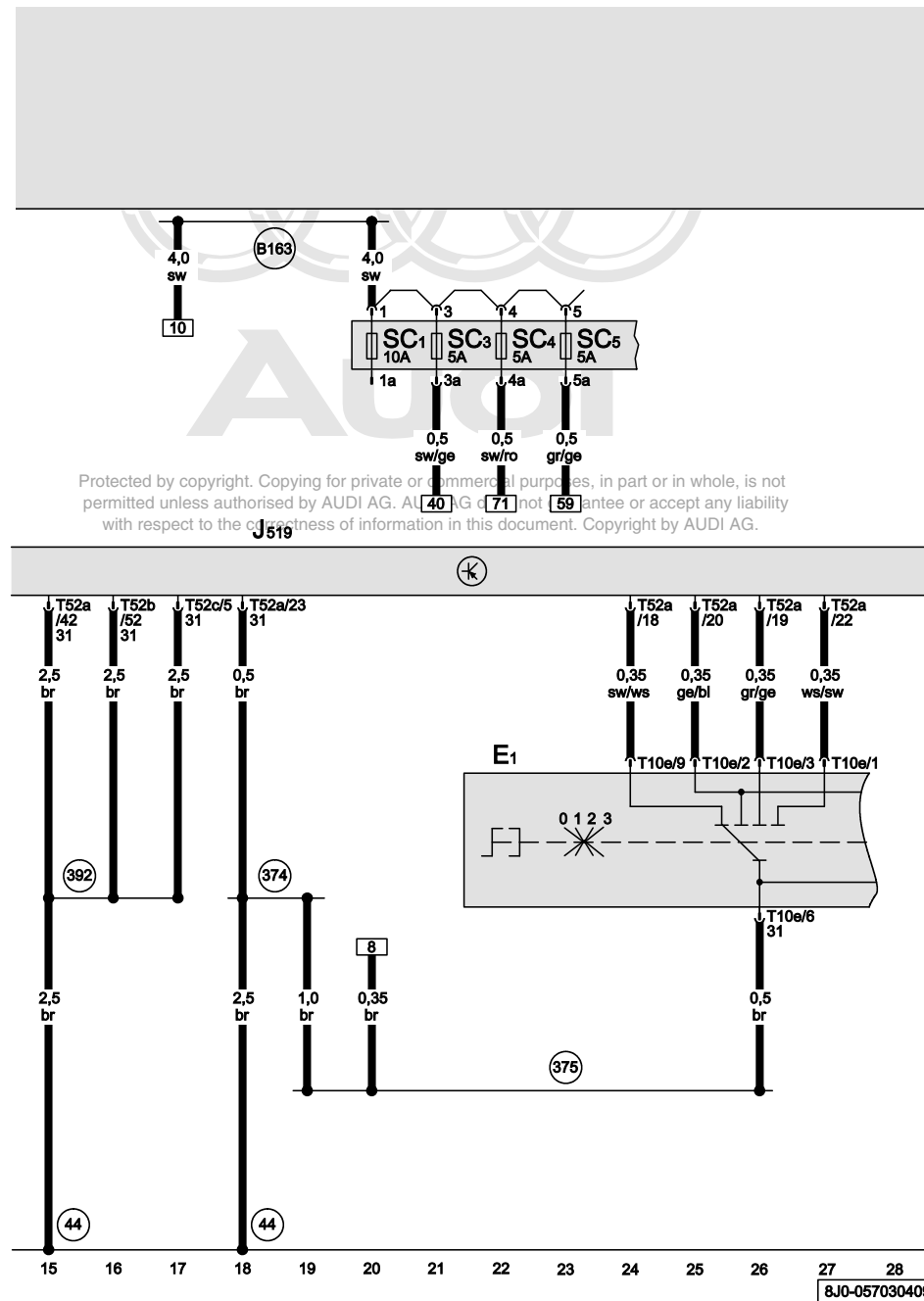
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, light switch

- E1 Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit

- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not warrant or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



- 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, left gas discharge light control unit, power output module for left headlight

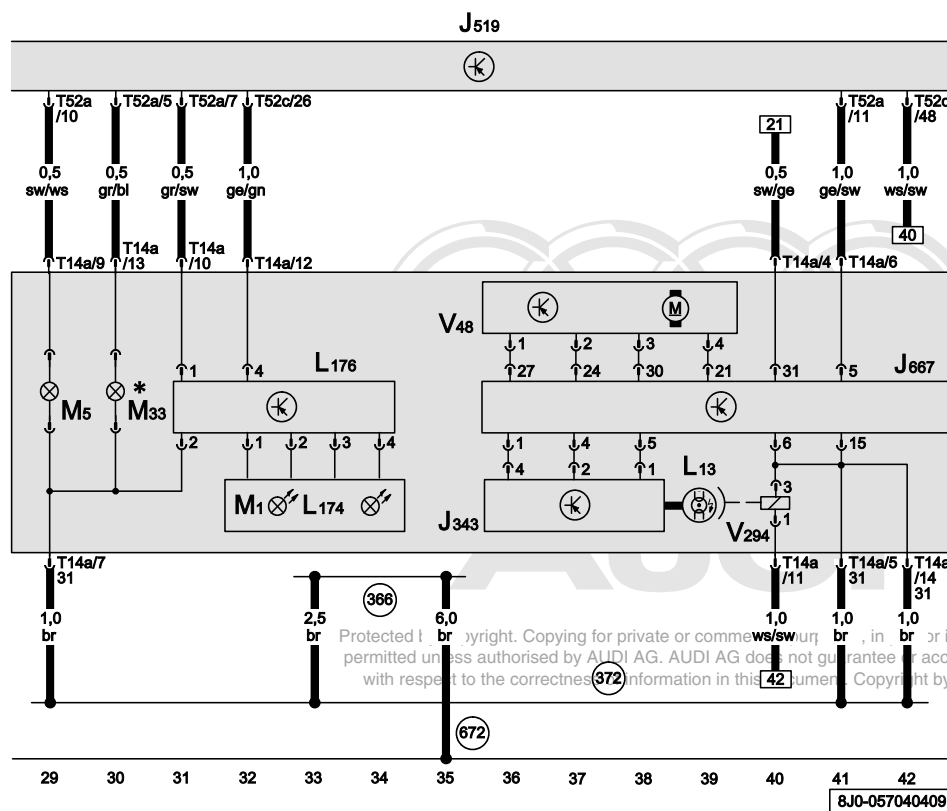
- J343 Left gas discharge light control unit
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- L13 Left gas discharge (xenon) bulb
- L174 Left day driving light bulb
- L176 Left LED module for daytime running light and side light
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T14a 14-pin connector, black, on left of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

672 Earth point 2, on front of left longitudinal member

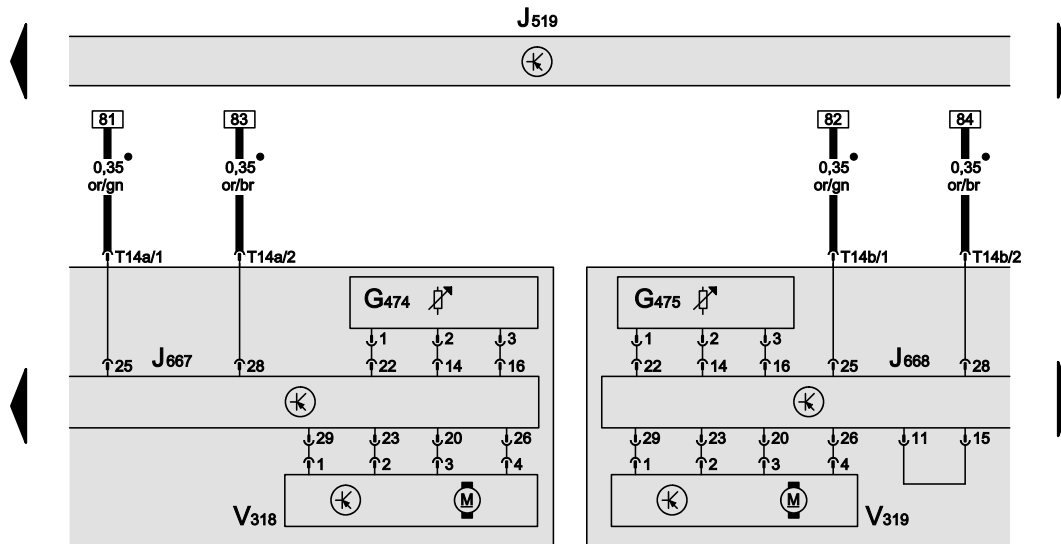
* only USA



- 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, power output module for left headlight, power output module for right headlight, swivel module position sensor, dynamic cornering light control motor

- G474 Left swivel module position sensor
- G475 Right swivel module position sensor
- J519 Onboard supply control unit
- J667 Power output module for left headlight
- J668 Power output module for right headlight
- T14a 14-pin connector, black, on left of headlight
- T14b 14-pin connector, black, on right of headlight
- V318 Left dynamic cornering light control motor
- V319 Right dynamic cornering light control motor
- CAN bus (data wire)



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



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

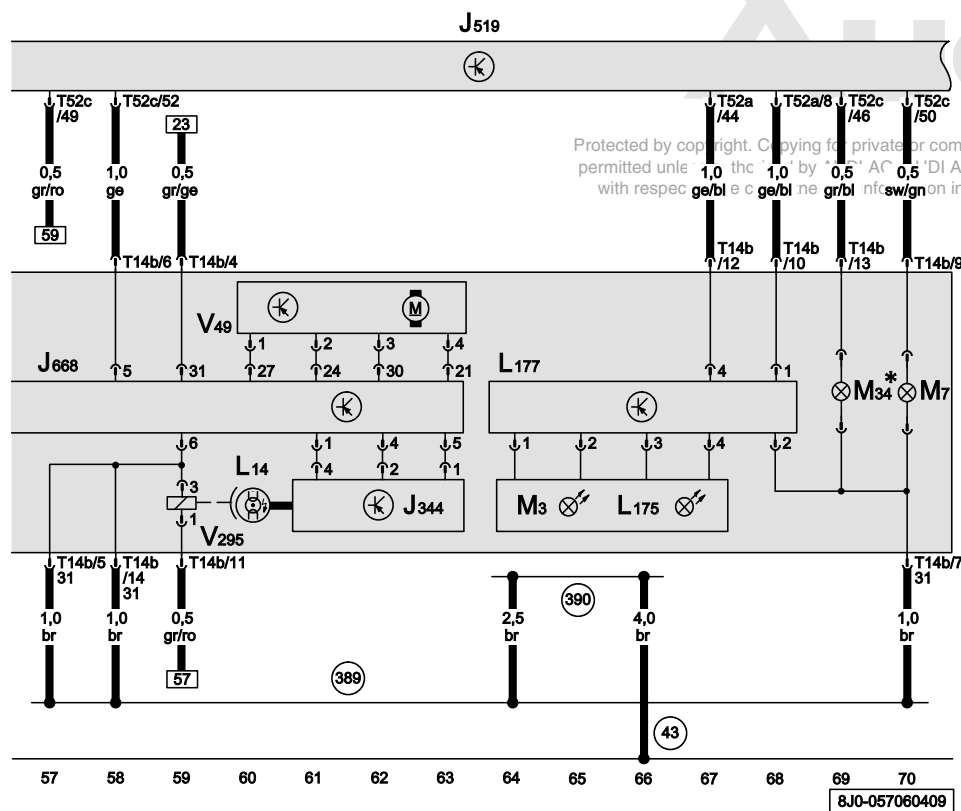
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- L177 Right LED module for daytime running light and side light
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14b 14-pin connector, black, on right of headlight
- T52a 52-pin connector, black, on onboard supply control unit
- T52c 52-pin connector, brown, on onboard supply control unit
- V49 Right headlight range control motor
- V295 Right dip beam screen motor

43 Earth point, lower part of right A-pillar

389 Earth connection 24, in main wiring harness

390 Earth connection 25, in main wiring harness

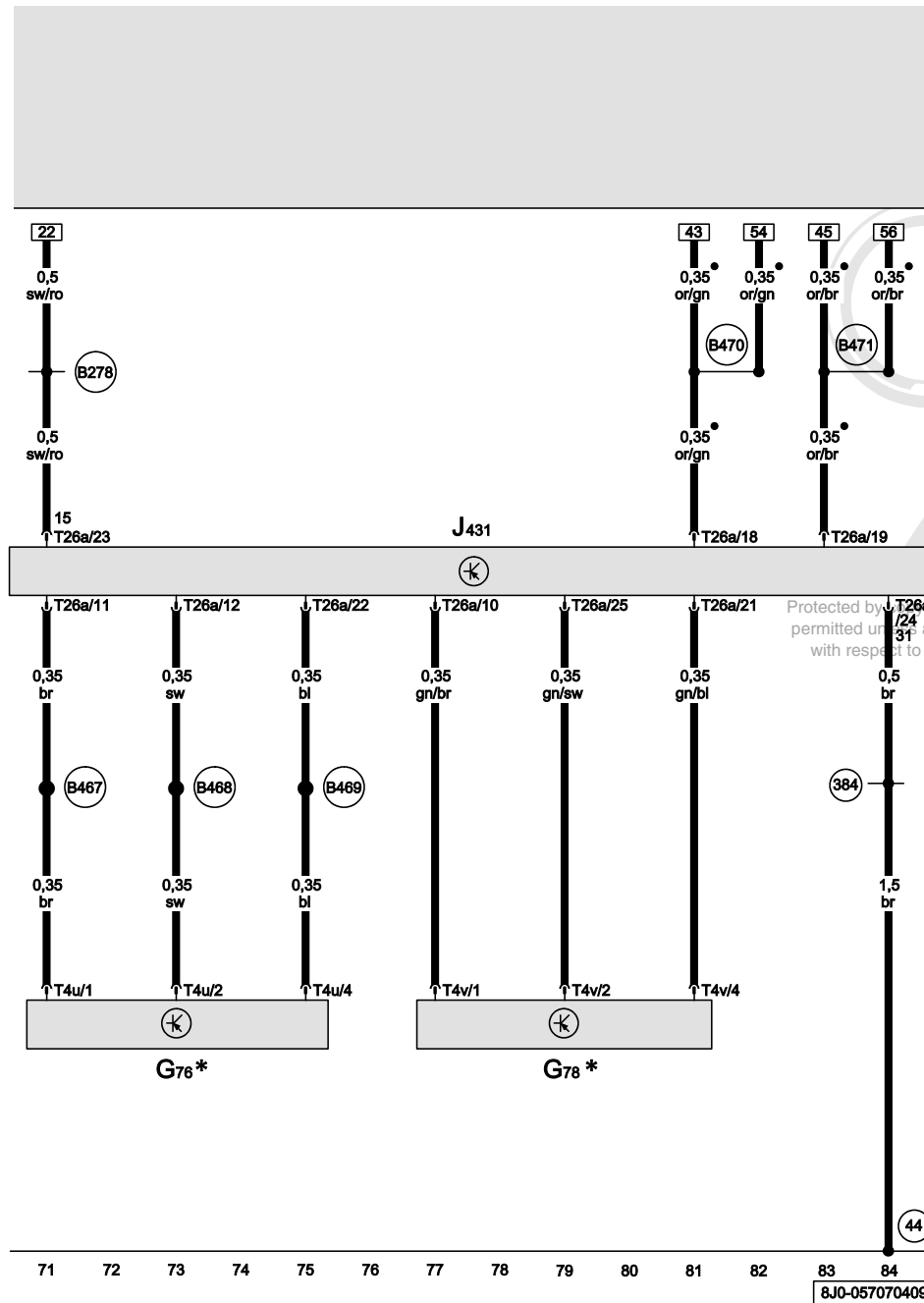
* only USA



Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J431 Headlight range control, control unit
- T4u 4-pin connector, black, on rear left vehicle level sender
- T4v 4-pin connector, black, on front left vehicle level sender
- T26a 26-pin connector, black, on headlight range control, control unit

- 44 Earth point, lower part of left A-pillar
- 384 Earth connection 19, in main wiring harness
- B278 Positive connection 2 (15a), in main wiring harness
- B467 Connection 3 in main wiring harness
- B468 Connection 4 in main wiring harness
- B469 Connection 5 in main wiring harness
- B470 Connection 6 in main wiring harness
- B471 Connection 7 in main wiring harness
- CAN bus (data wire)
- * not for electronically controlled damping



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

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- J431 Headlight range control, control unit
- J533 Data bus diagnostic interface
- T20d 20-pin connector, black, on data bus diagnostic interface
- T26a 26-pin connector, black, on headlight range control, control unit
- T47a 47-pin connector, on electronically controlled damping control unit

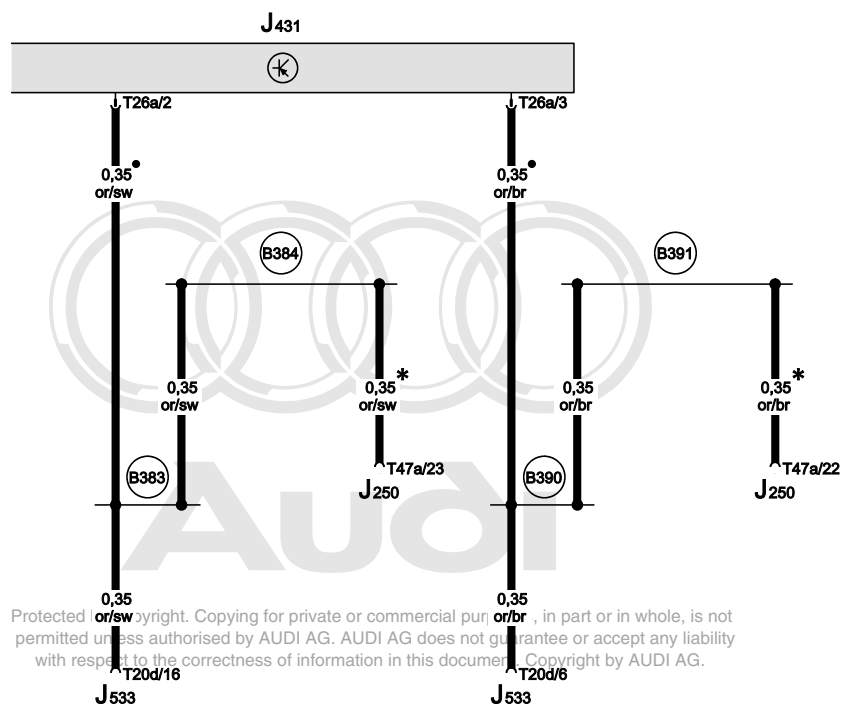
ⓑ383 Connection 1 (drive train CAN bus, high), in main wiring harness

ⓑ384 Connection 2 (drive train CAN bus, high), in main wiring harness

ⓑ390 Connection 1 (drive train CAN bus, low), in main wiring harness

ⓑ391 Connection 2 (drive train CAN bus, low), in main wiring harness

- CAN bus (data wire)
- * models with electronically controlled damping



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 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

8J0-057080409

Preparation for mobile telephone with Bluetooth interface (9ZX)

from June 2009

Notes:

For information concerning

- ◆ Position of relays and fuses

- ◆ Multi-pin connections

- ◆ Control units and relays

- ◆ Earth connections

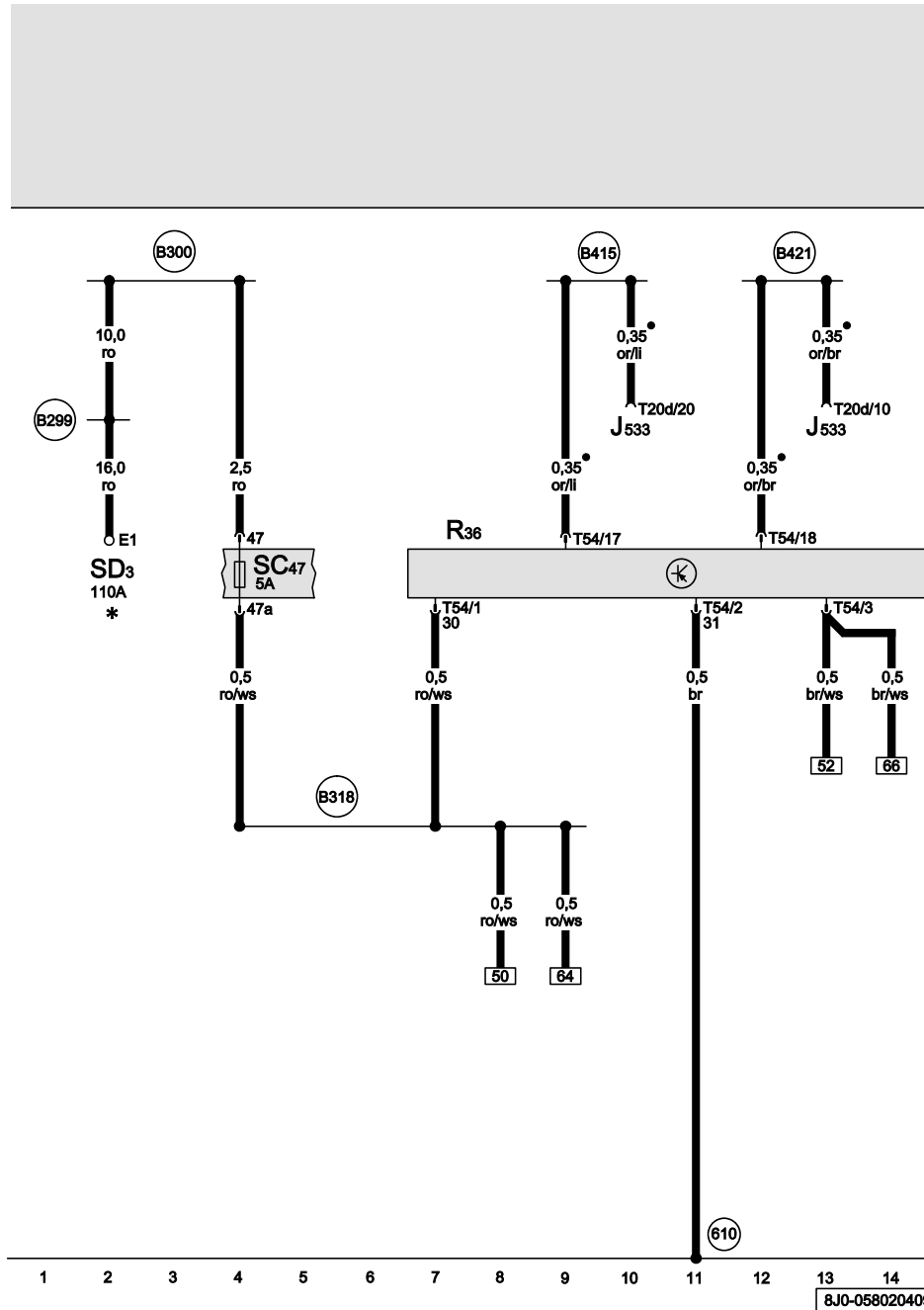
⇒ List of Fitting Locations!

For information concerning

- ◆ Fault Finding Programs

⇒ guided fault finding

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Telephone transmitter and receiver unit, fuses

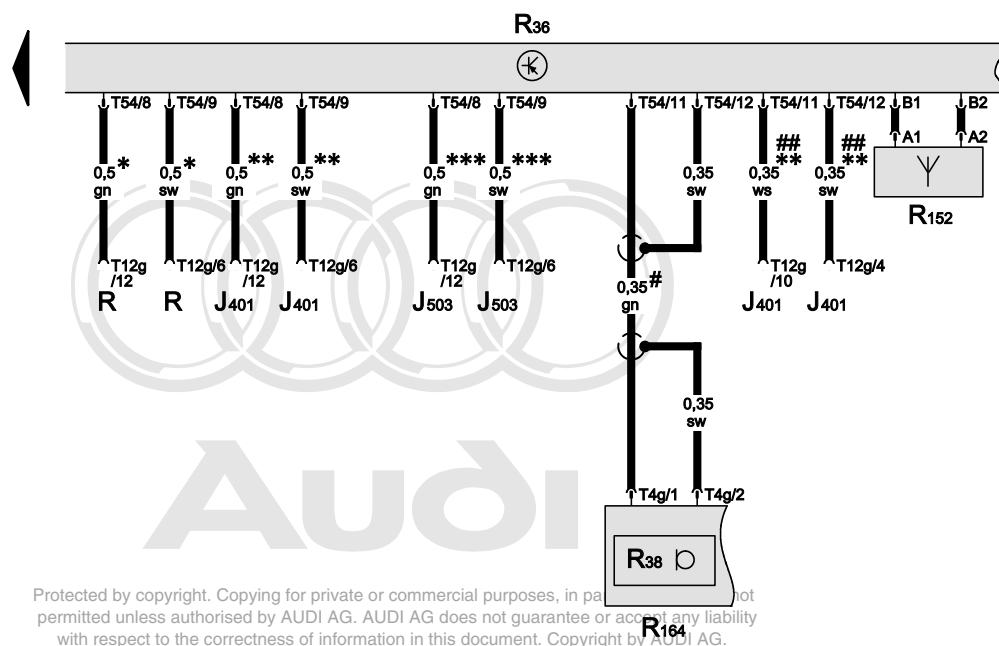
- J533 Data bus diagnostic interface
- R36 Telephone transmitter and receiver unit
- SC47 Fuse 47 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T20d 20-pin connector, black, on data bus diagnostic interface
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- 610 Earth point (audio), under centre console, front
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B318 Positive connection 4 (30a), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- CAN bus (data wire)
- * main fuse box, in luggage compartment, rear right, on the battery

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

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without the express written permission of AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Telephone transmitter and receiver unit, aerial for Bluetooth, microphone unit in front roof module

- J401 Navigation system with CD drive control unit
- J503 Control unit with display for radio and navigation system
- R Radio
- R36 Telephone transmitter and receiver unit
- R38 Telephone microphone
- R152 Aerial for Bluetooth
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T12g 12-pin connector, green, radio connector C
- T54 54-pin connector, connector A, on telephone transmitter and receiver unit
- * models with radio
- ** models with navigation system RNS-E (7Q2)
- *** models with navigation system RNS-low (7Q9)
- # models without speech recognition
- ## models with speech recognition



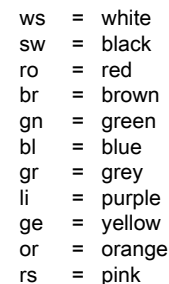
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

7-speed dual clutch gearbox 0BH (S tronic)

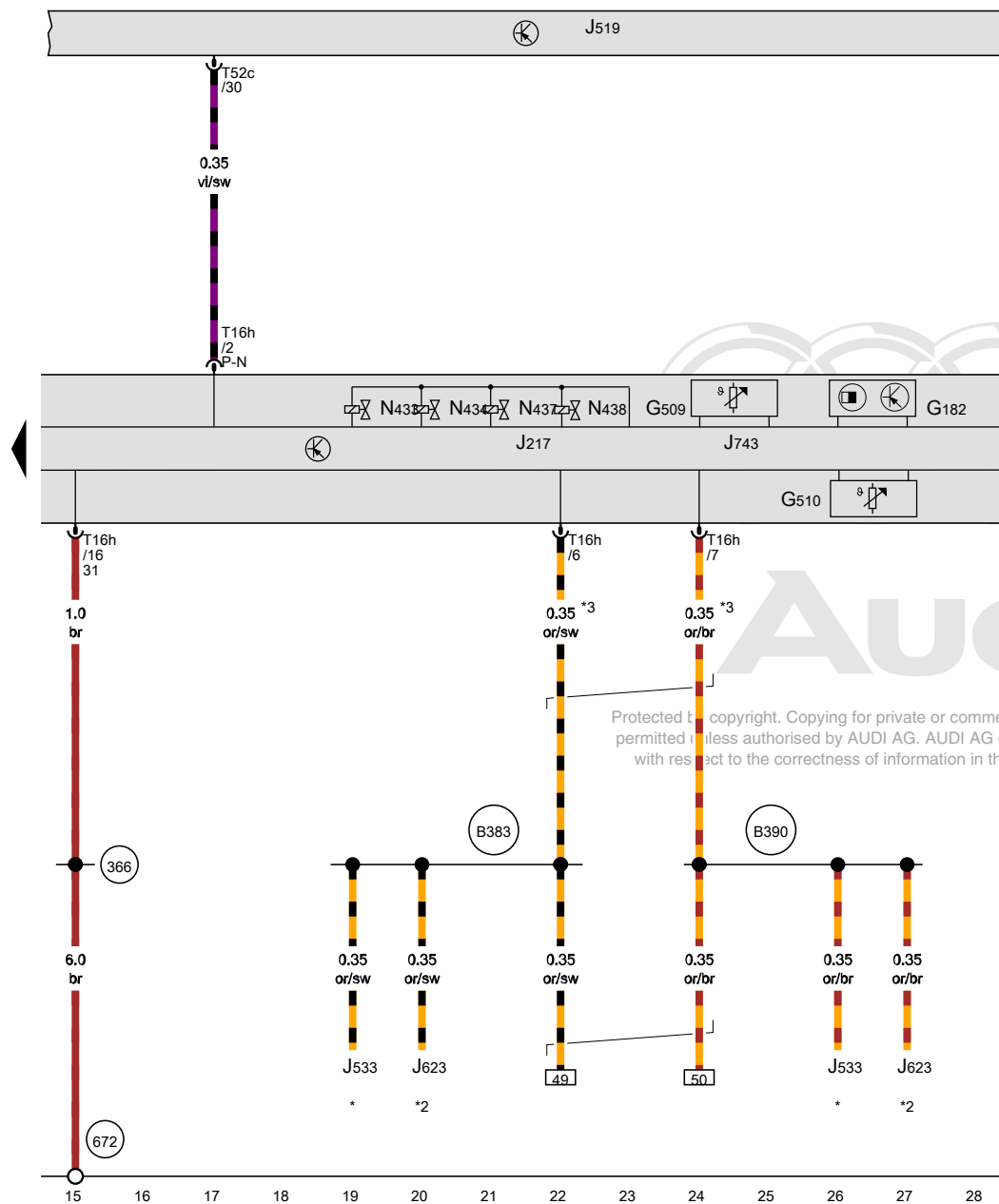
From June 2010



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



* see applicable current flow diagram for basic equipment
*2 Main fuse box, on battery on rear right in luggage compartment



Mechatronic unit for dual clutch gearbox, Valve 1 in sub-gearbox 1

- G182 Gearbox input speed sender
- G509 Clutch temperature sender
- G510 Temperature sender in control unit
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- N433 Valve 1 in sub-gearbox 1
- N434 Valve 2 in sub-gearbox 1
- N437 Valve 1 in sub-gearbox 2
- N438 Valve 2 in sub-gearbox 2
- T16h 16-pin connector
- T52c 52-pin connector

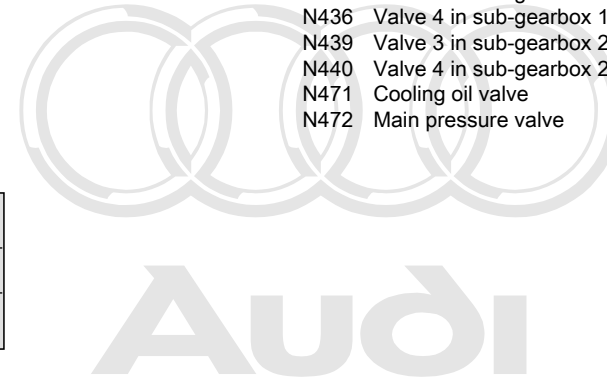
- 366 Earth connection 1, in main wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * see applicable current flow diagram for basic equipment
- *2 see applicable current flow diagram for engine
- *3 Data bus wire (CAN bus)

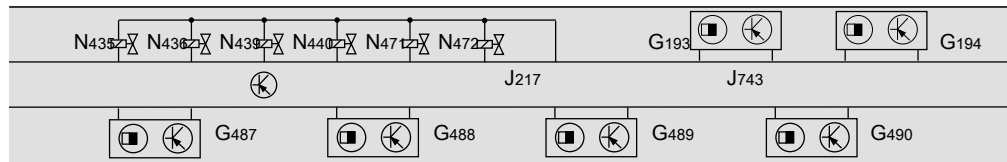
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Mechatronic unit for dual clutch gearbox

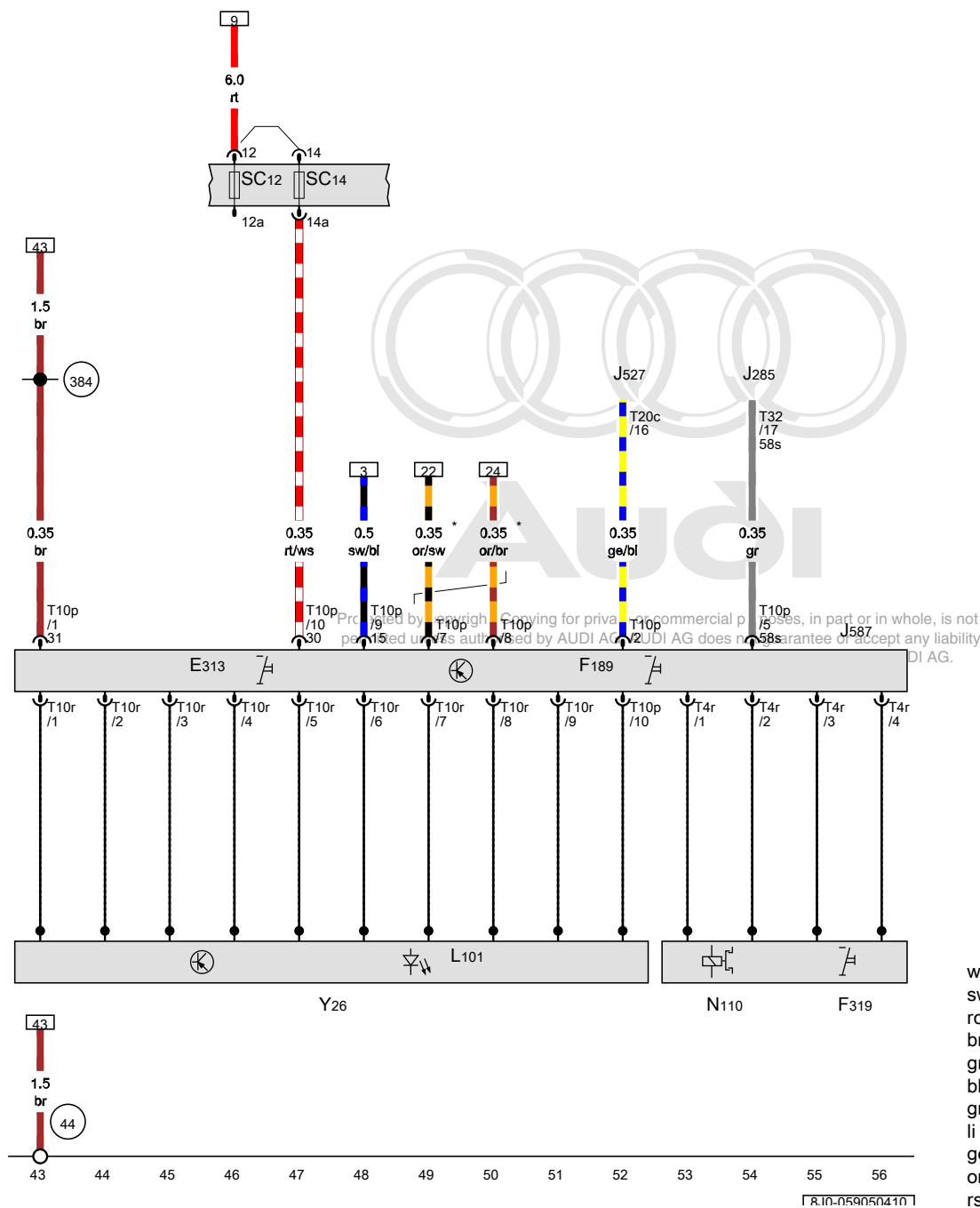
- G193 Automatic gearbox hydraulic pressure sender 1
- G194 Automatic gearbox hydraulic pressure sender 2
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J217 Automatic gearbox control unit
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in sub-gearbox 1
- N436 Valve 4 in sub-gearbox 1
- N439 Valve 3 in sub-gearbox 2
- N440 Valve 4 in sub-gearbox 2
- N471 Cooling oil valve
- N472 Main pressure valve



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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



Selector lever sensors control unit, Selector lever lock solenoid

- E313 Selector lever
- F189 Tiptronic switch
- F319 Selector lever locked in position P switch
- J285 Control unit in dash panel insert
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T4r 4-pin connector
- T10p 10-pin connector
- T10r 10-pin connector
- T20c 20-pin connector
- T32 32-pin connector
- Y26 Selector lever position display

44 Earth point, lower part of left A-pillar

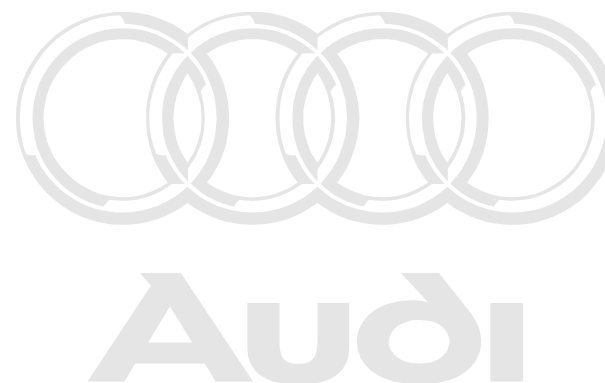
384 Earth connection 19, in main wiring harness

* Data bus wire (CAN bus)

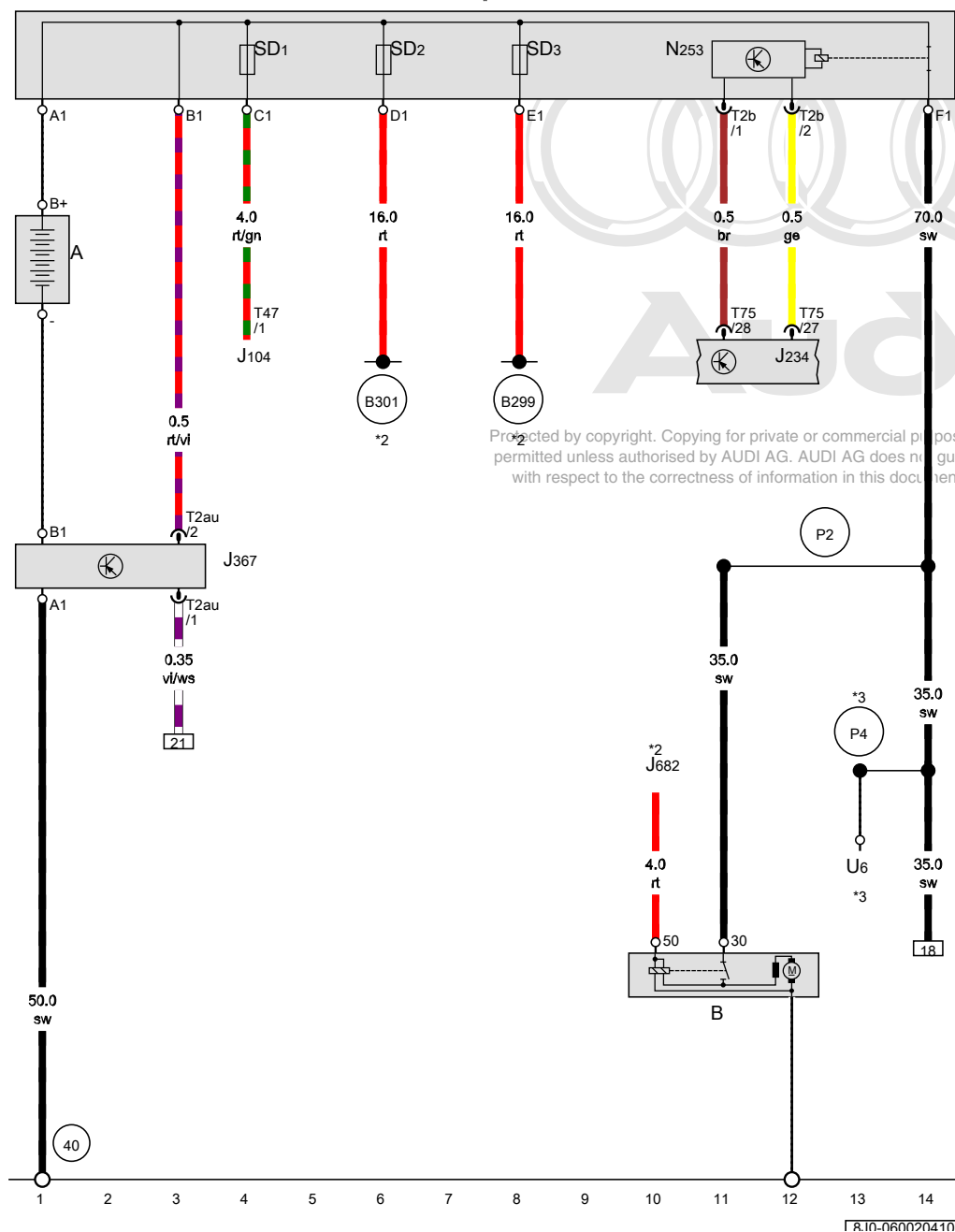
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Energy recovery

From June 2010



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Battery, Starter, Battery monitor control unit, Battery isolation igniter

- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- J367 Battery monitor control unit
- J682 Terminal 50 voltage supply relay
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2au 2-pin connector
- T2b 2-pin connector
- T47 47-pin connector
- T75 75-pin connector
- U6 Jump start socket
- 40 Earth point, under rear right seat
- B299 Positive connection 3 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30) in battery wiring harness
- * Main fuse box, on battery on rear right in luggage compartment
- *2 see applicable current flow diagram for basic equipment
- *3 Only models with jump start socket

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

Alternator

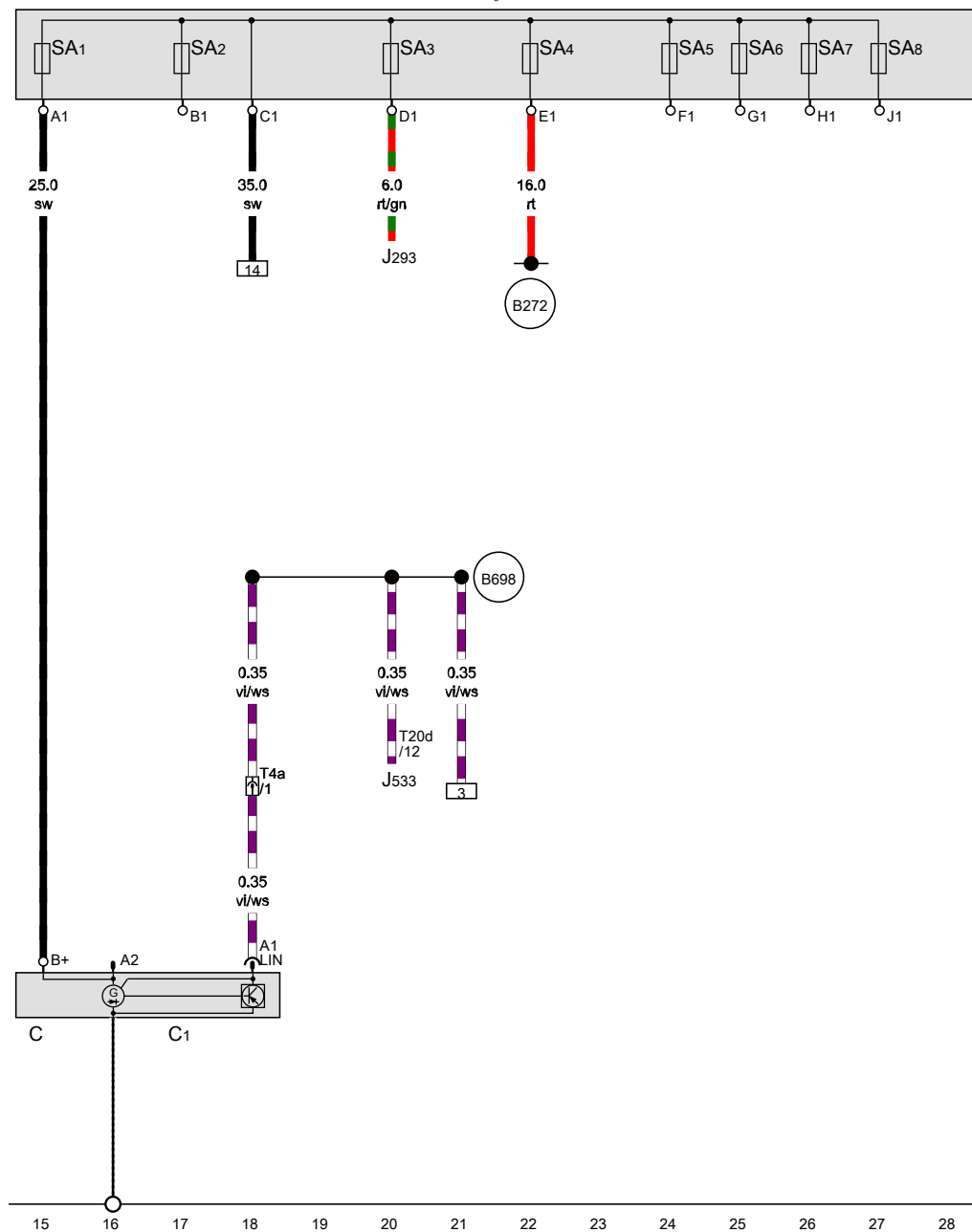
- C Alternator
- C1 Voltage regulator
- J293 Radiator fan control unit
- J533 Data bus diagnostic interface
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- SA7 Fuse 7 in fuse holder A
- SA8 Fuse 8 in fuse holder A
- T4a 4-pin connector, front left in engine compartment
- T20d 20-pin connector

B272 Positive connection (30), in main wiring harness

B698 Connection 3 (LIN bus) in main wiring harness

* Main fuse carrier, in E-box on left of plenum chamber

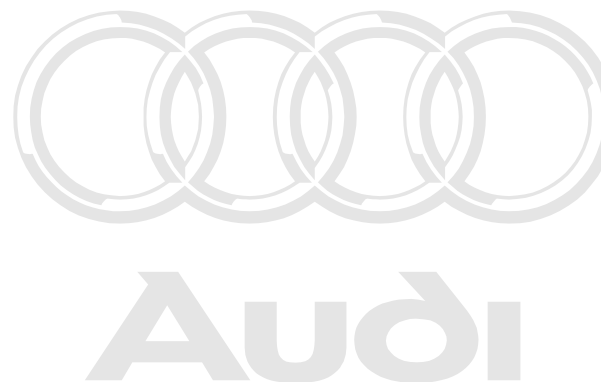
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

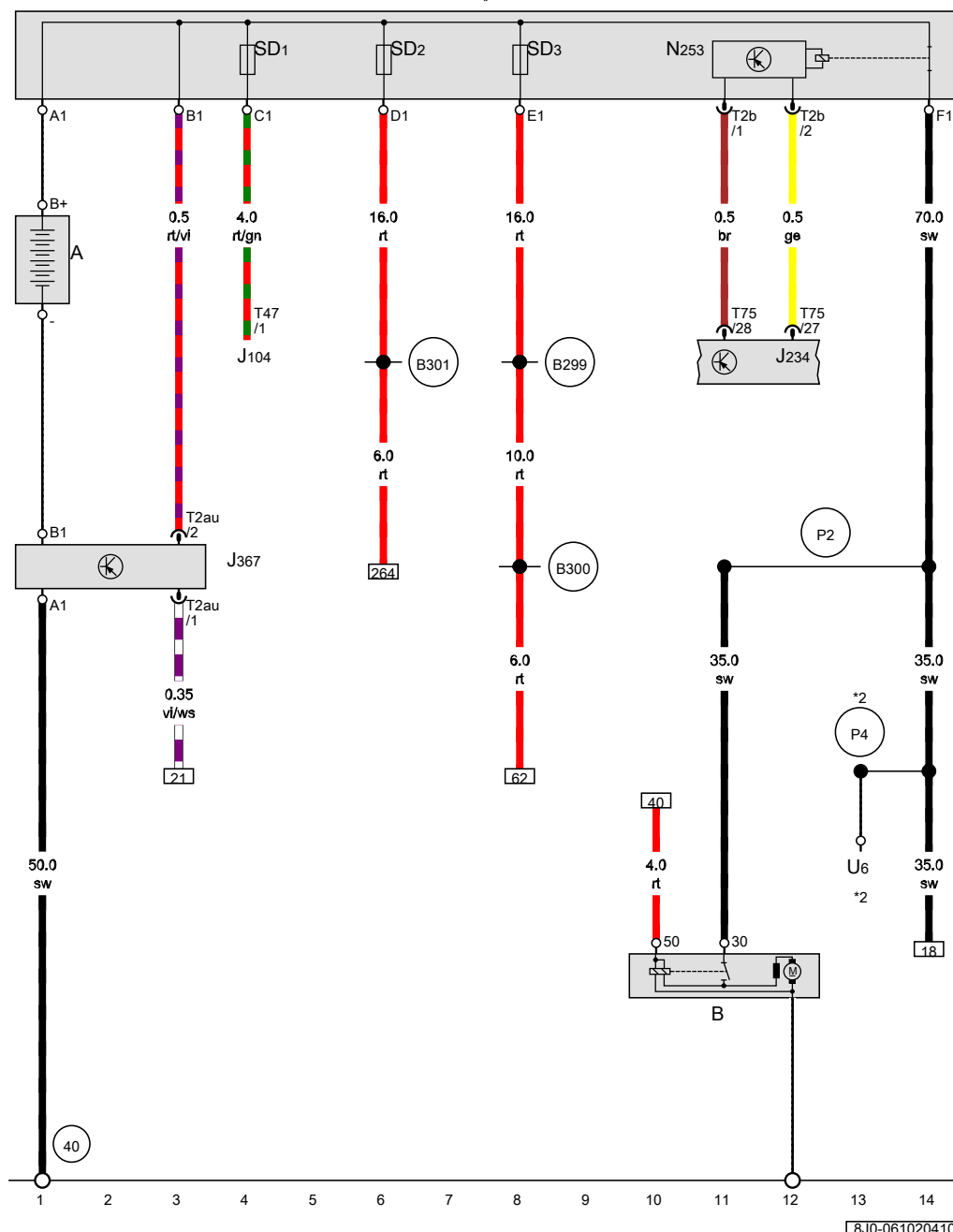
2.0l petrol engine , CESA, CETA

From June 2010



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Battery, Starter, Battery monitor control unit, Battery isolation igniter



- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- J367 Battery monitor control unit
- N253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2au 2-pin connector
- T2b 2-pin connector
- T47 47-pin connector
- T75 75-pin connector
- U6 Jump start socket

- 40 Earth point, under rear right seat
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- P2 Positive connection (30), in battery wiring harness
- P4 Positive connection 2 (30) in battery wiring harness

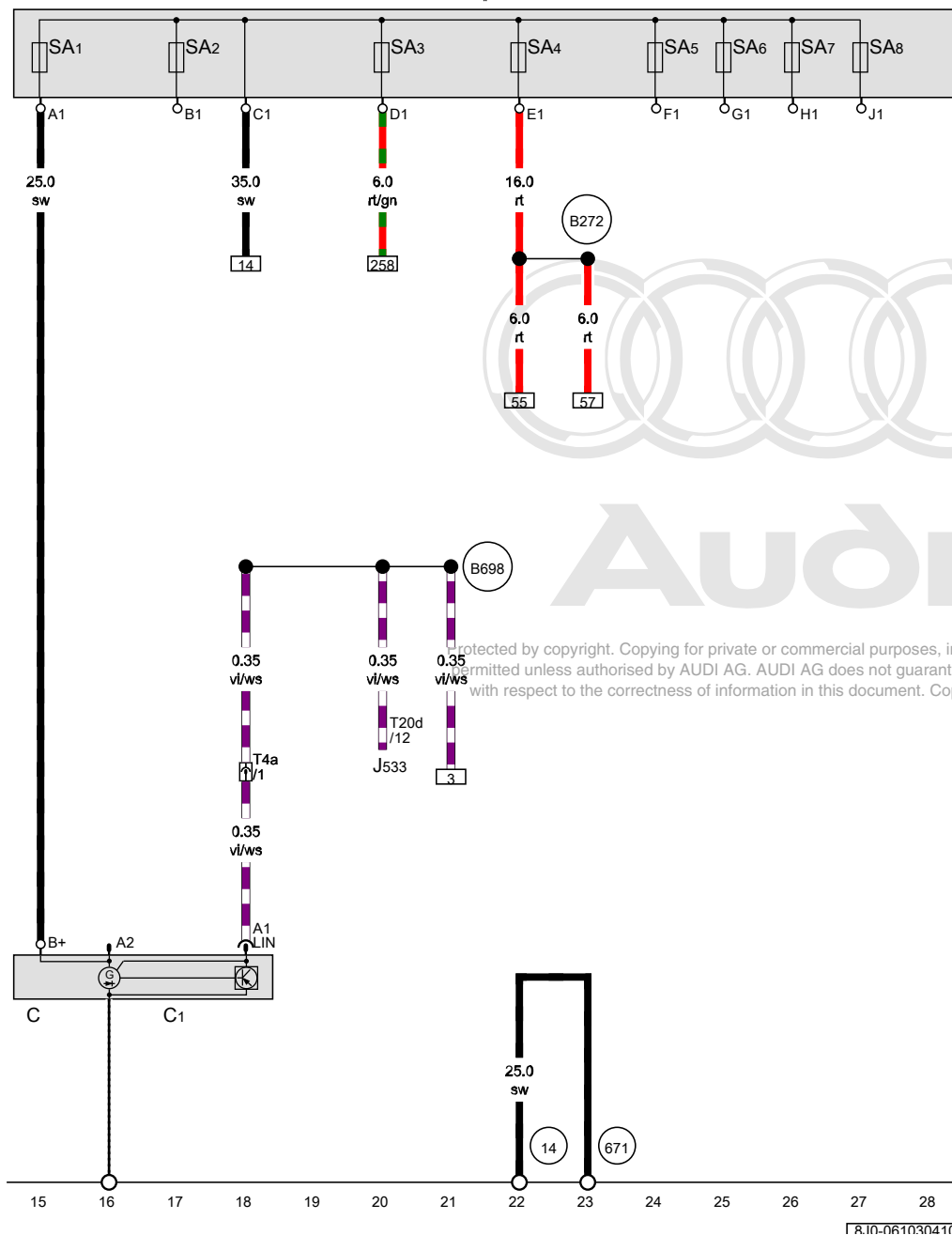
* Main fuse box, on battery on rear right in luggage compartment
 * Only models with jump start socket

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

Alternator

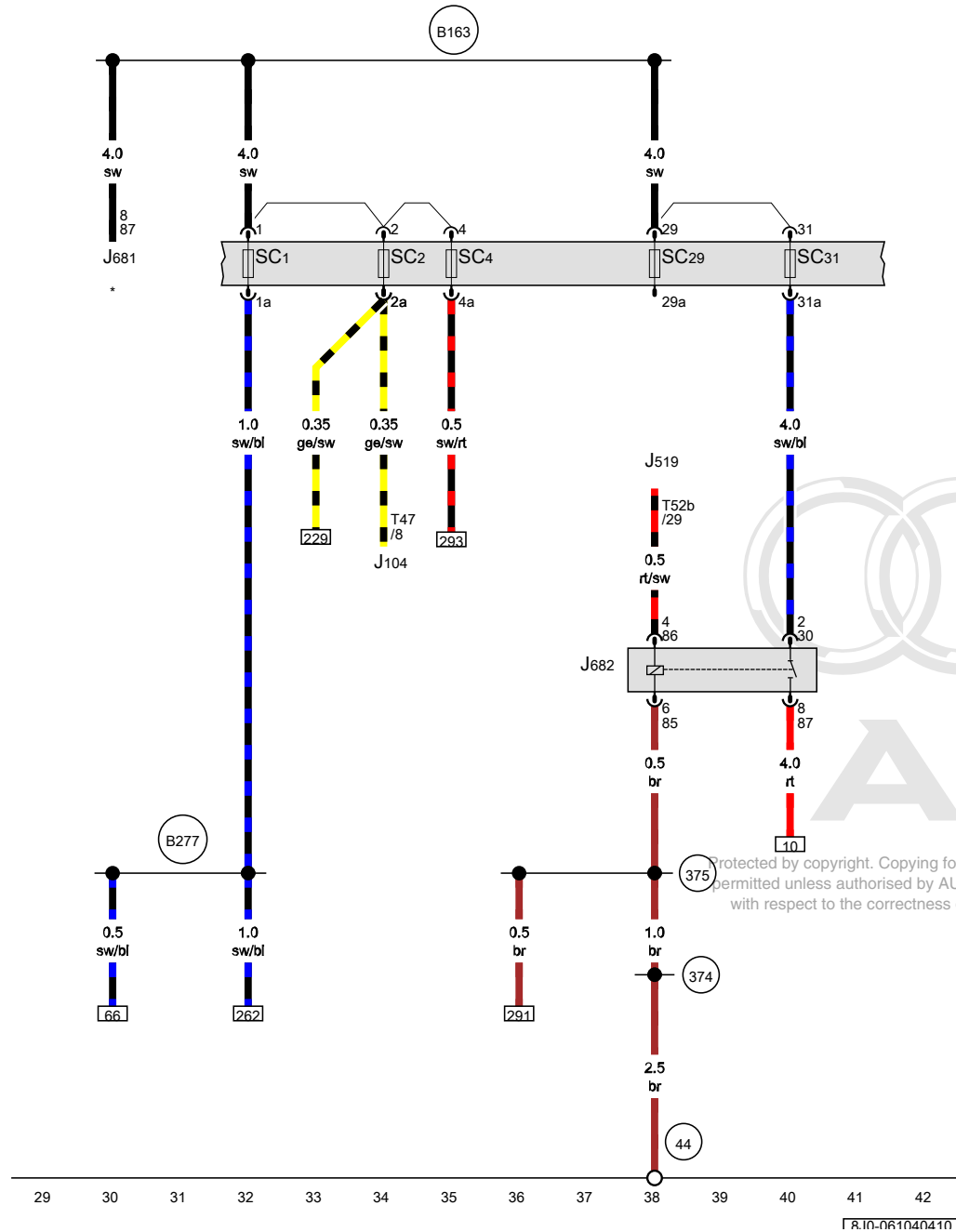
- C Alternator
- C1 Voltage regulator
- J533 Data bus diagnostic interface
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA5 Fuse 5 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- SA7 Fuse 7 in fuse holder A
- SA8 Fuse 8 in fuse holder A
- T4a 4-pin connector, front left in engine compartment
- T20d 20-pin connector
- 14 Earth point, on gearbox
- 671 Earth point 1, on front of left longitudinal member
- B272 Positive connection (30), in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- * Main fuse carrier, in E-box on left of plenum chamber



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

Terminal 50 voltage supply relay

- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T47 47-pin connector
- T52b 52-pin connector
- 44 Earth point, lower part of left A-pillar
- 374 Earth connection 9, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B163 Positive connection 1 (15), in interior wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- * Relay carrier on onboard supply control unit, on left under dash panel

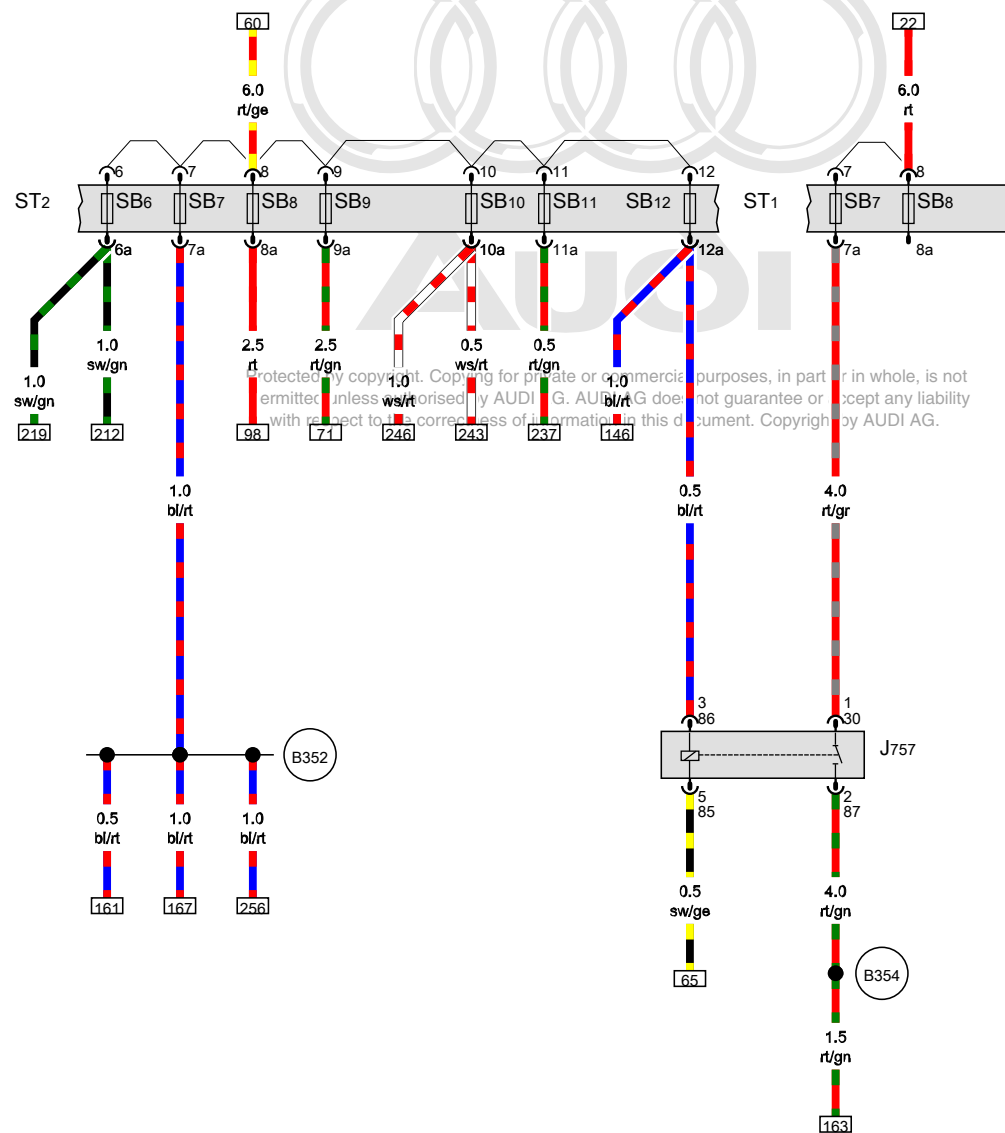


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Engine component current supply relay

- J757 Engine component current supply relay
- ST1 Fuse carrier 1
- ST2 Fuse carrier 2
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B

- B352 Positive connection 3 (87a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness



Suppression filter, Main relay, Engine control unit

- C24 Suppression filter
- J271 Main relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T94 94-pin connector

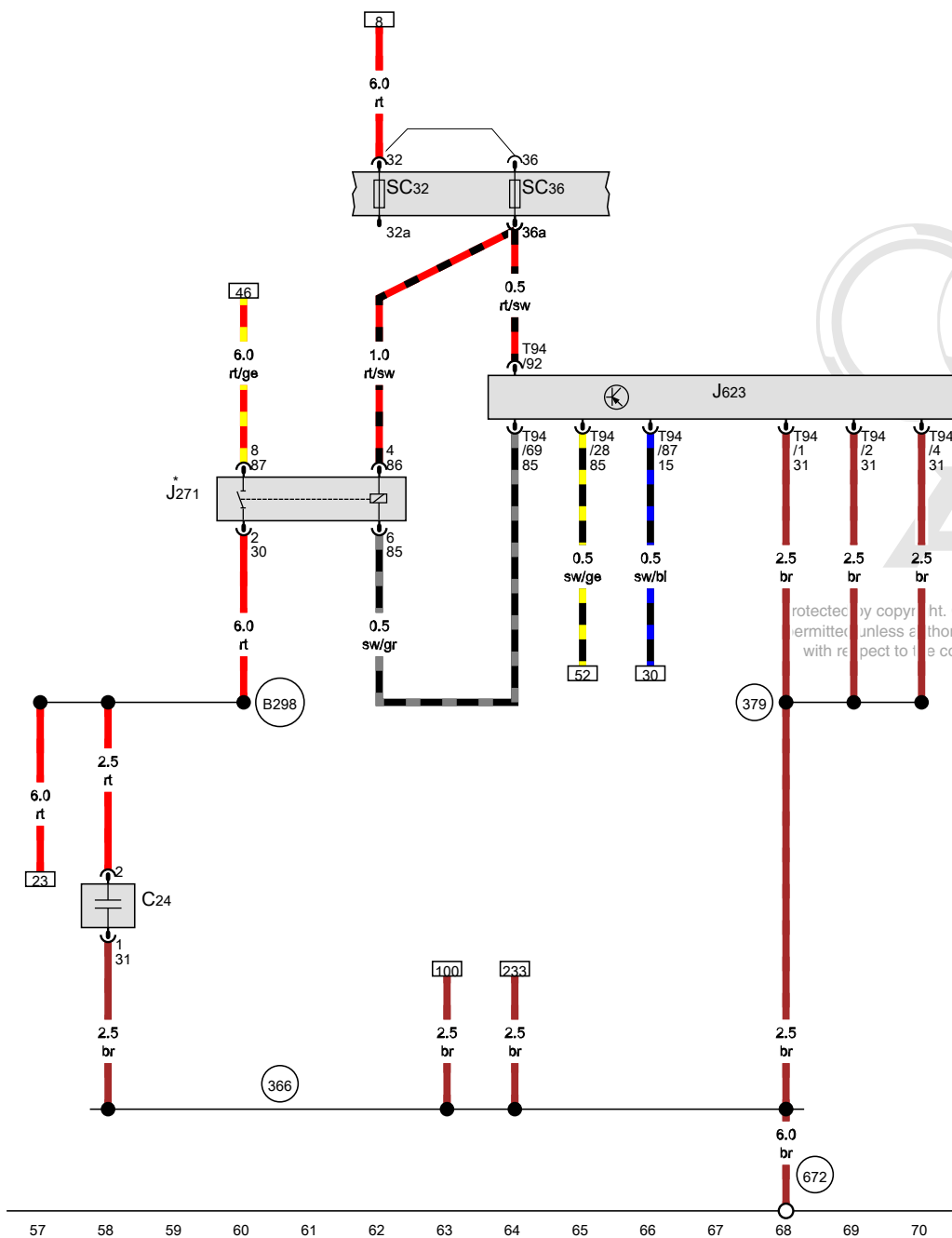
366 Earth connection 1, in main wiring harness

379 Earth connection 14, in main wiring harness

672 Earth point 2, on front of left longitudinal member

B298 Positive connection 2 (30), in main wiring harness

* Relay and fuse carrier, in E-box in engine compartment



protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

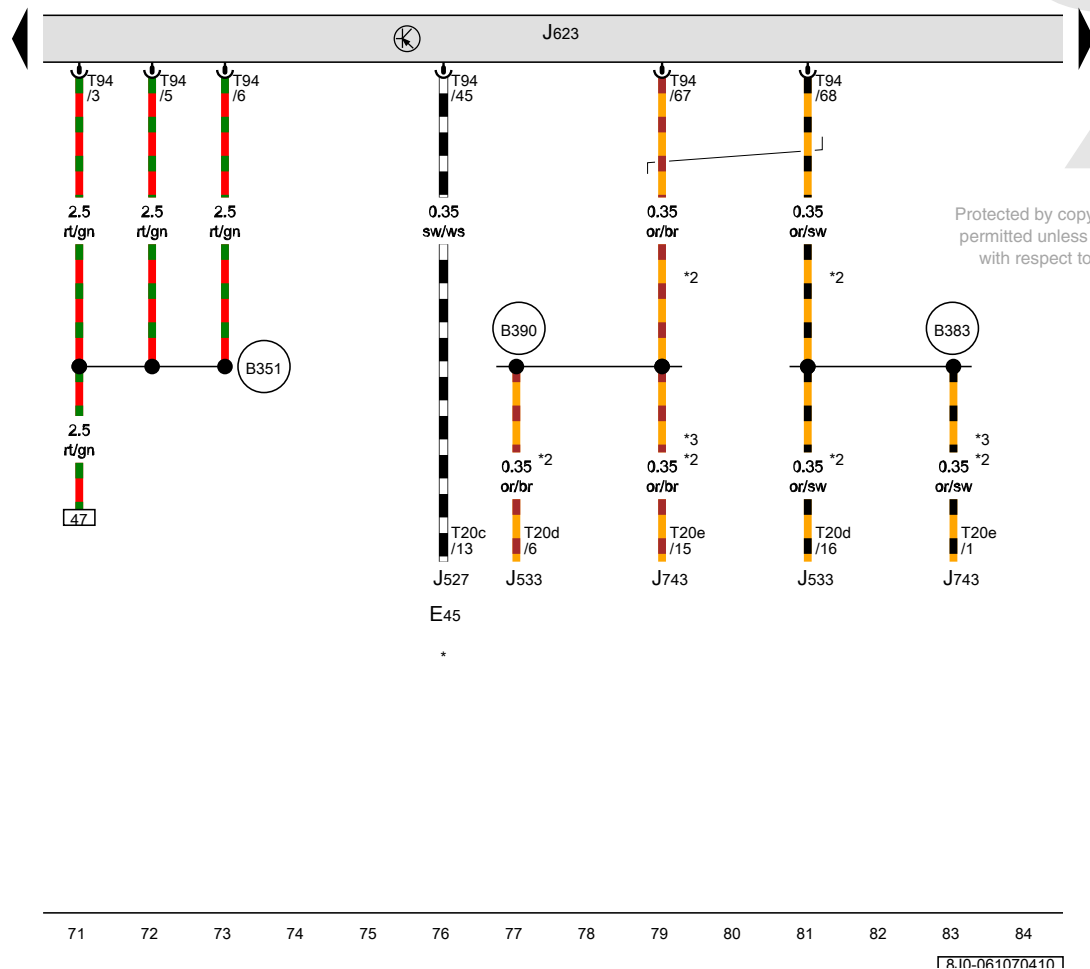
Engine control unit

- E45 Cruise control system switch
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T20c 20-pin connector
- T20d 20-pin connector
- T20e 20-pin connector
- T94 94-pin connector

- B351 Positive connection 2 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Only models with cruise control system (CCS)
- *2 Data bus wire (CAN bus)
- *3 Only models with dual clutch gearbox 02E

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



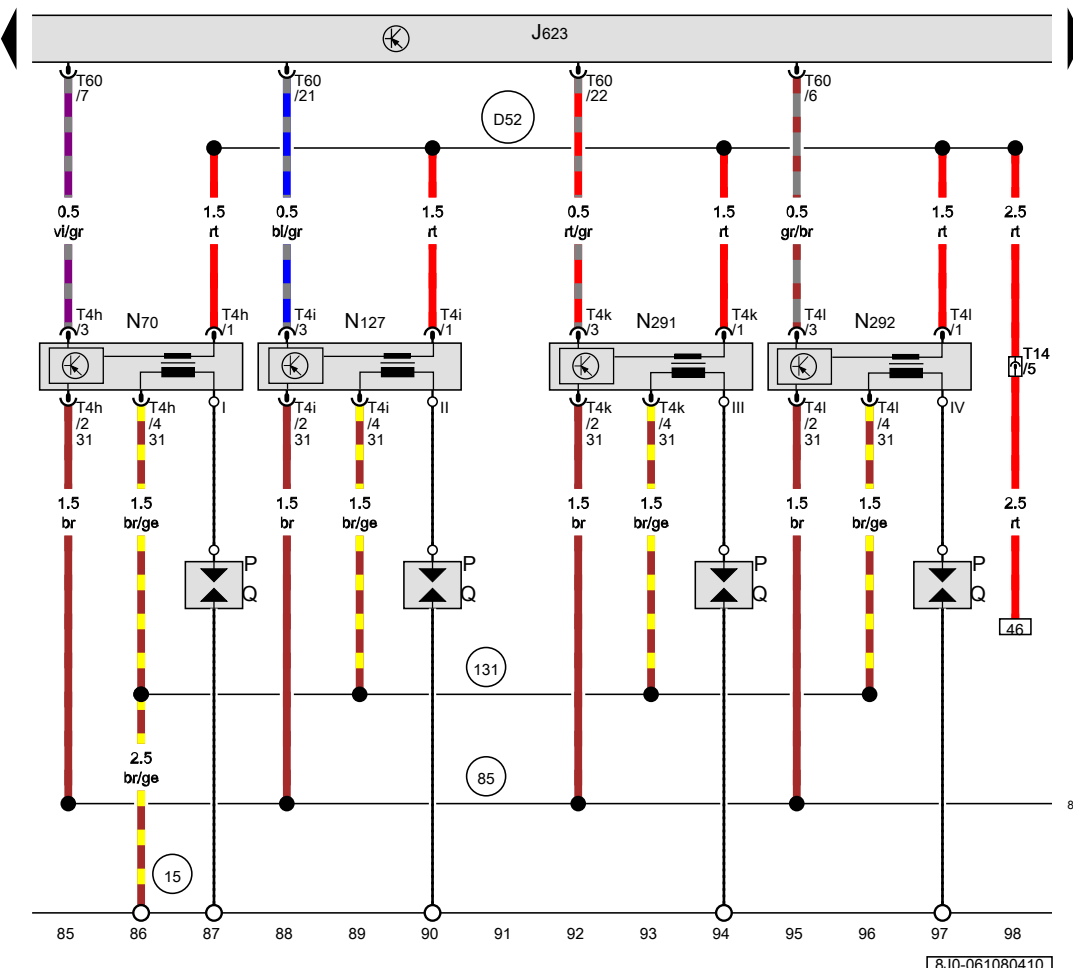
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Engine control unit, Ignition coil 1 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4h 4-pin connector
- T4i 4-pin connector
- T4k 4-pin connector
- T4l 4-pin connector
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

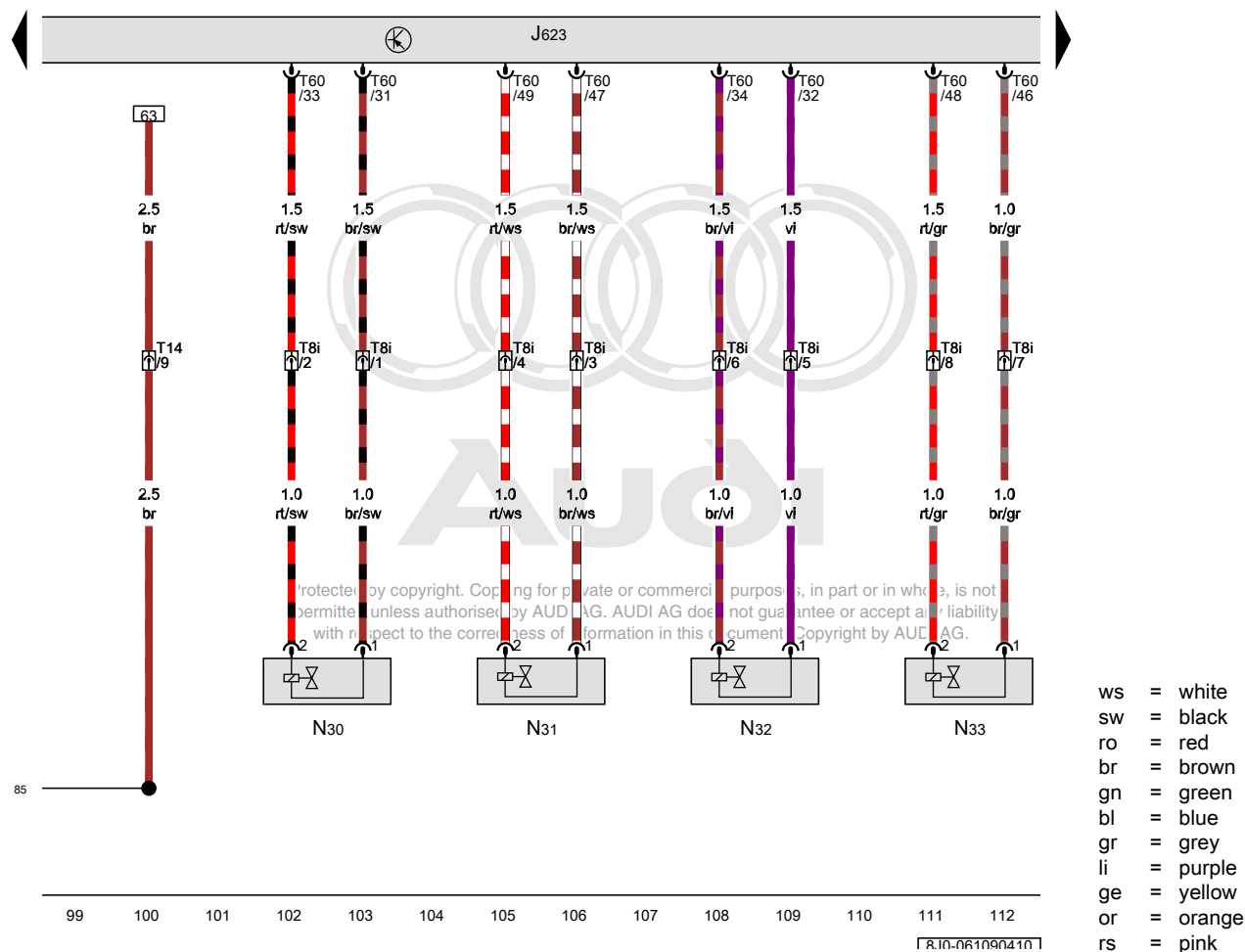
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



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

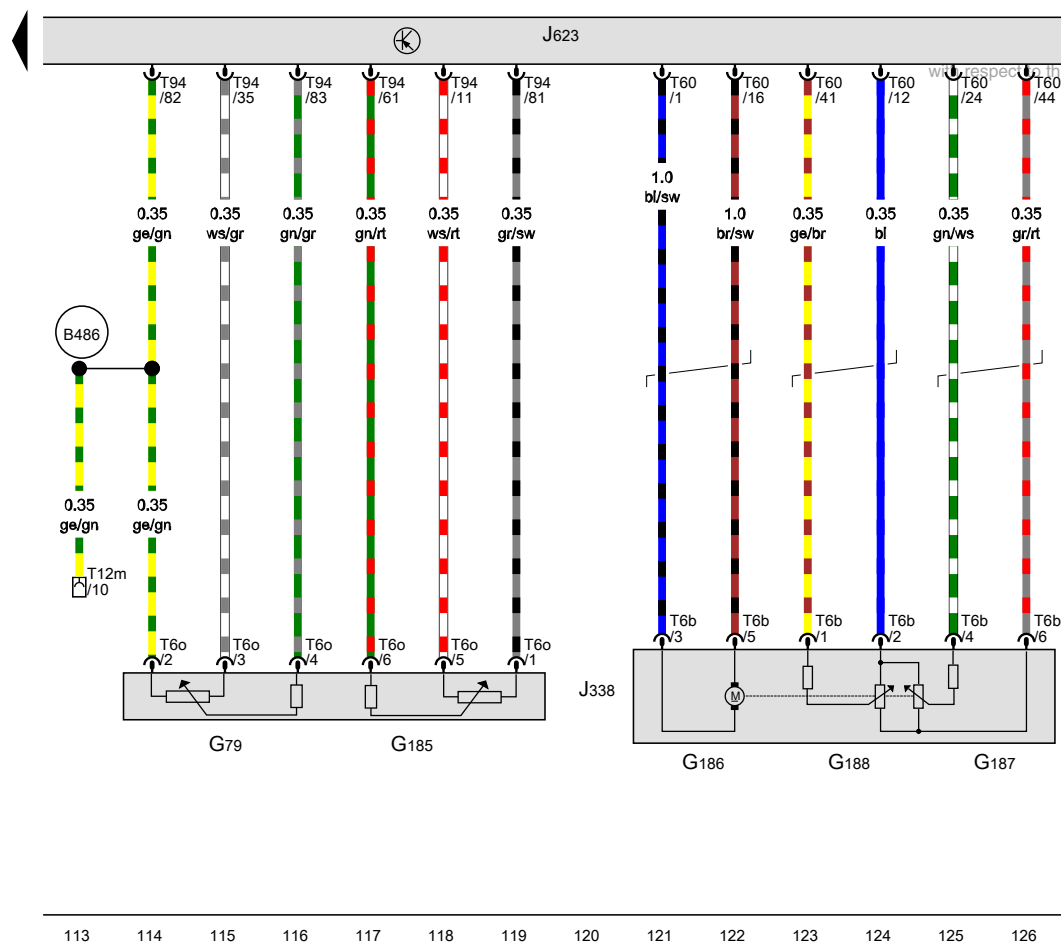
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T8i 8-pin connector, near injectors
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector
- 85 Earth connection 1, in engine compartment wiring harness



Accelerator position sender, 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
- T6b 6-pin connector
- T6o 6-pin connector
- T12m 12-pin connector, in luggage compartment, rear right
- T60 60-pin connector
- T94 94-pin connector



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

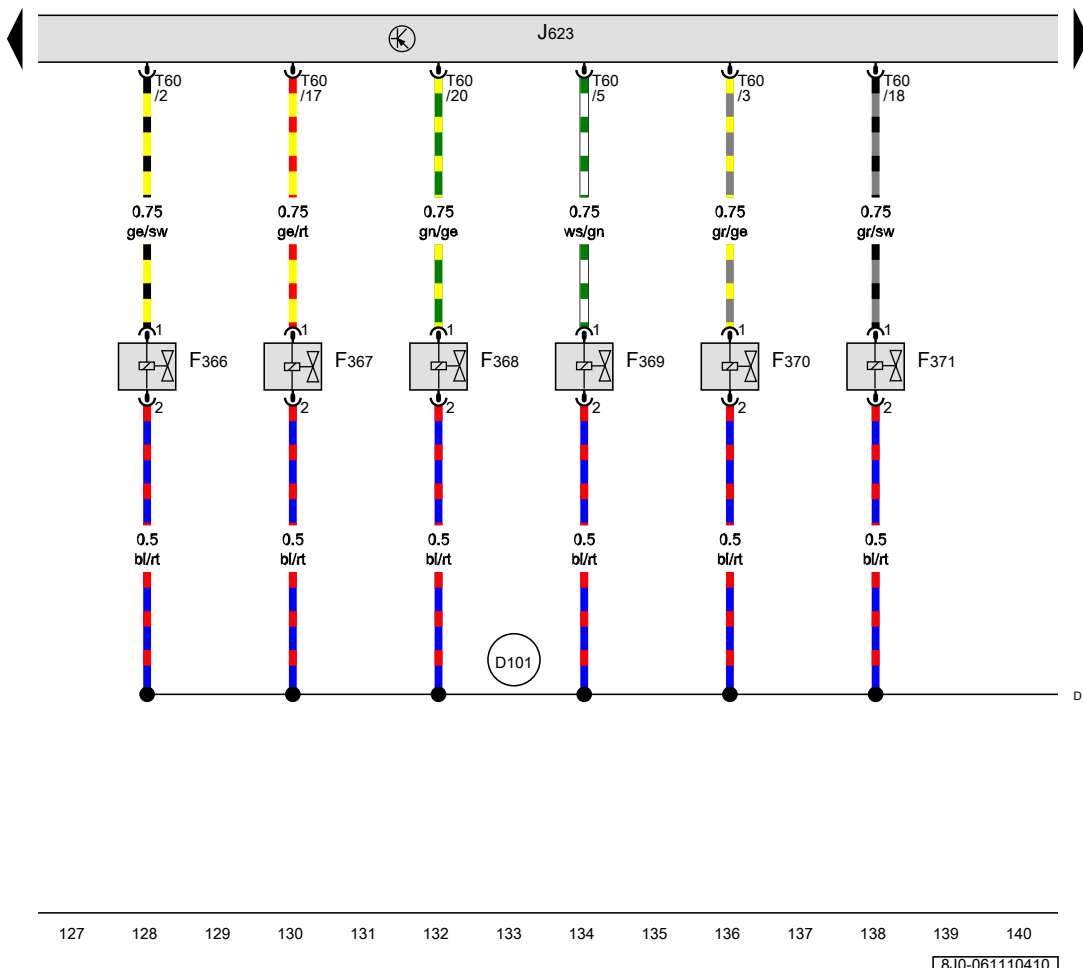
18.10.0611004101

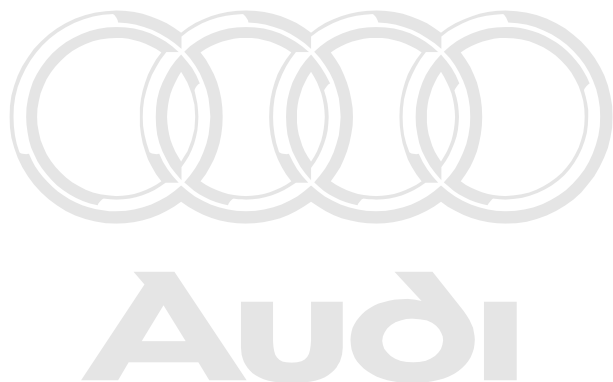
Engine control unit

- F366 Actuator 1 for camshaft adjustment
- F367 Actuator 2 for camshaft adjustment
- F368 Actuator 3 for camshaft adjustment
- F369 Actuator 4 for camshaft adjustment
- F370 Actuator 5 for camshaft adjustment
- F371 Actuator 6 for camshaft adjustment
- J623 Engine control unit
- T60 60-pin connector

D101 Connection 1 in engine compartment wiring harness

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



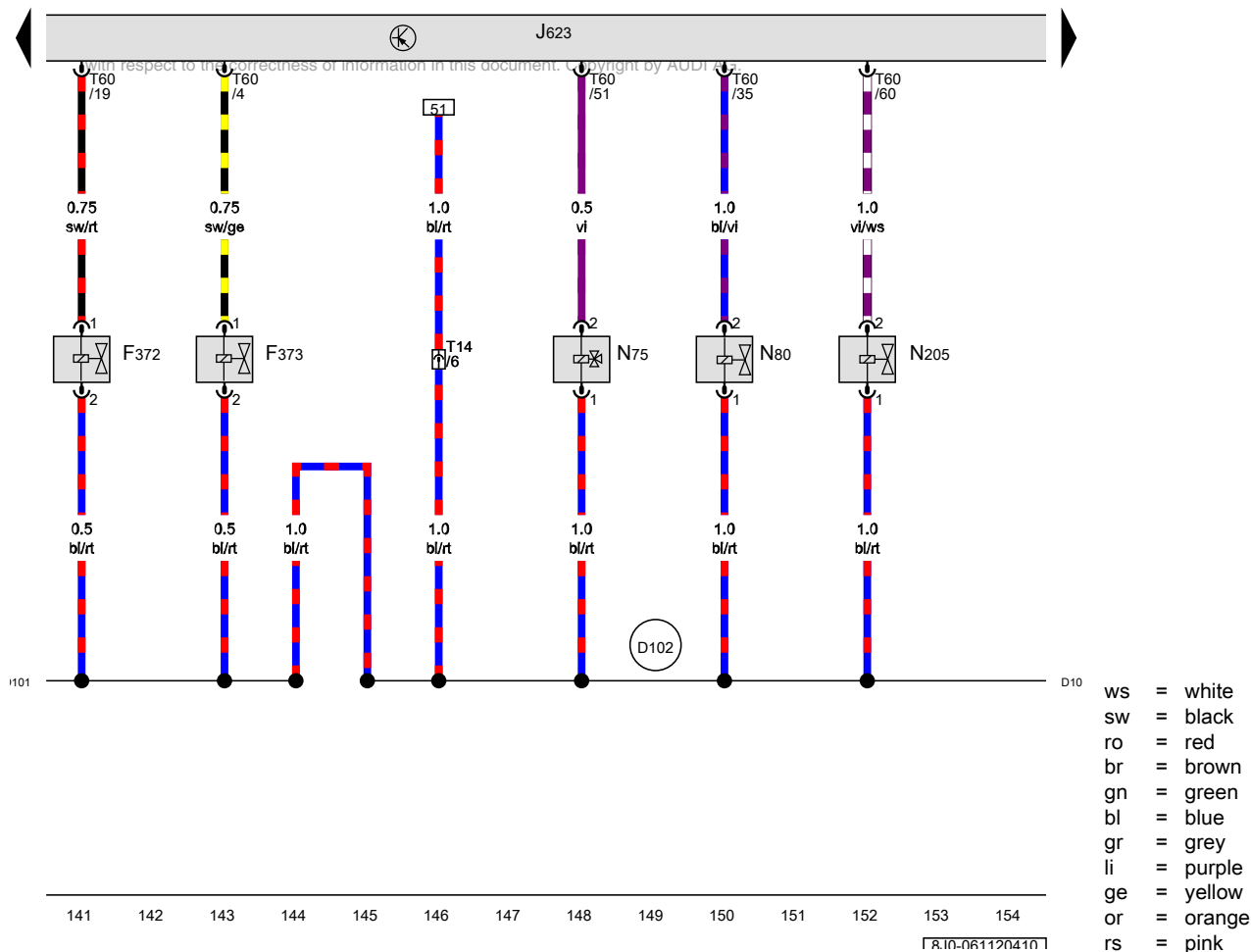


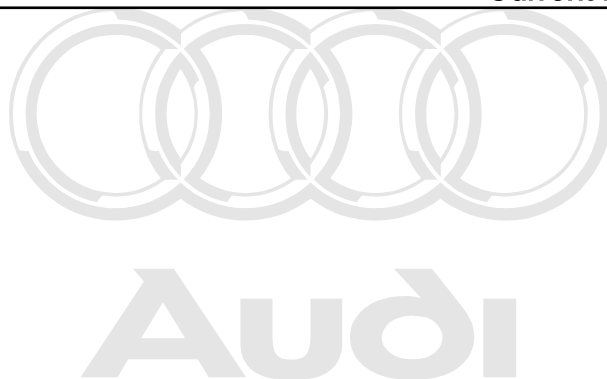
Engine control unit

- F372 Actuator 7 for camshaft adjustment
- F373 Actuator 8 for camshaft adjustment
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector

D101 Connection 1 in engine compartment wiring harness

D102 Connection 2 in engine compartment wiring harness



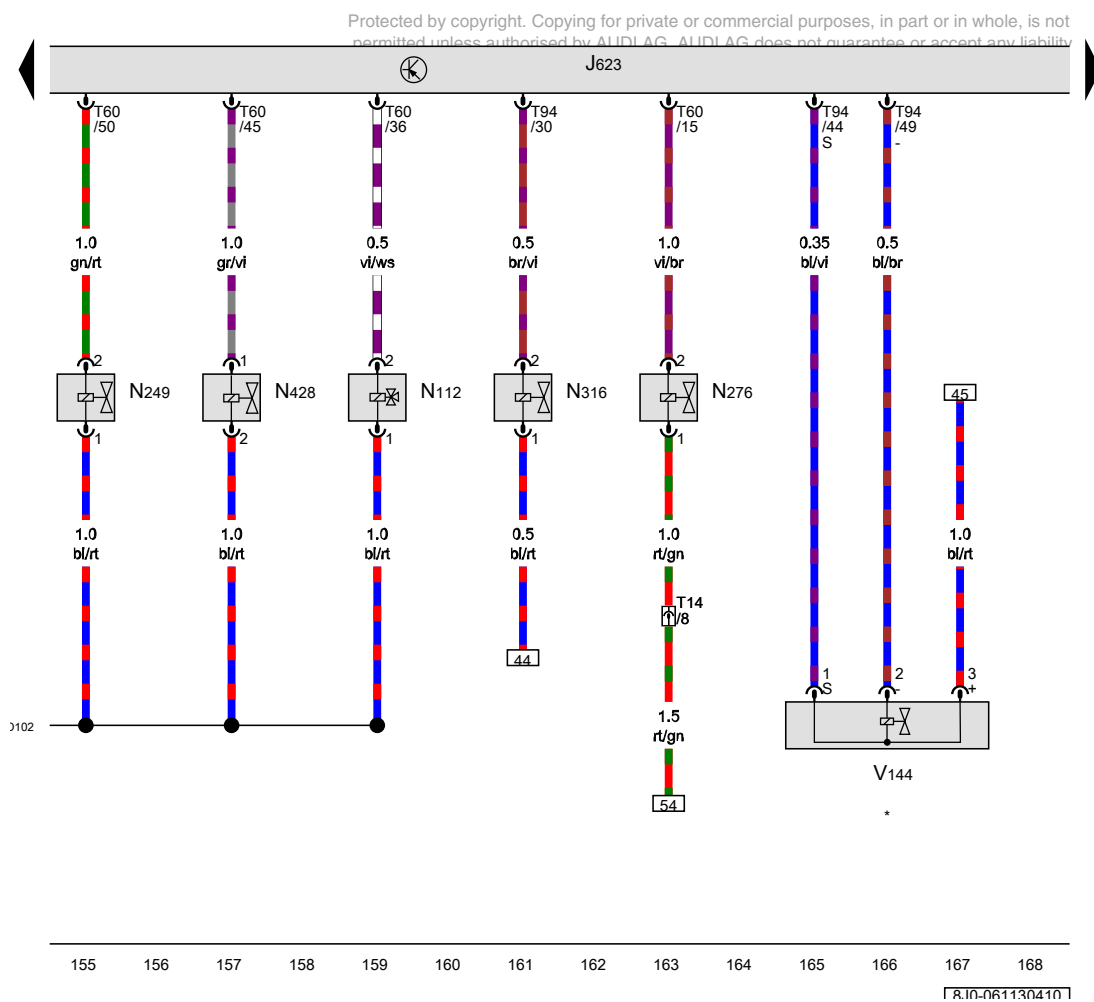


Engine control unit, Fuel pressure regulating valve, Fuel system diagnostic pump

- J623 Engine control unit
- N112 Secondary air inlet valve
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector
- T94 94-pin connector
- V144 Fuel system diagnostic pump

D102 Connection 2 in engine compartment wiring harness

* Only models with fuel system diagnostic pump



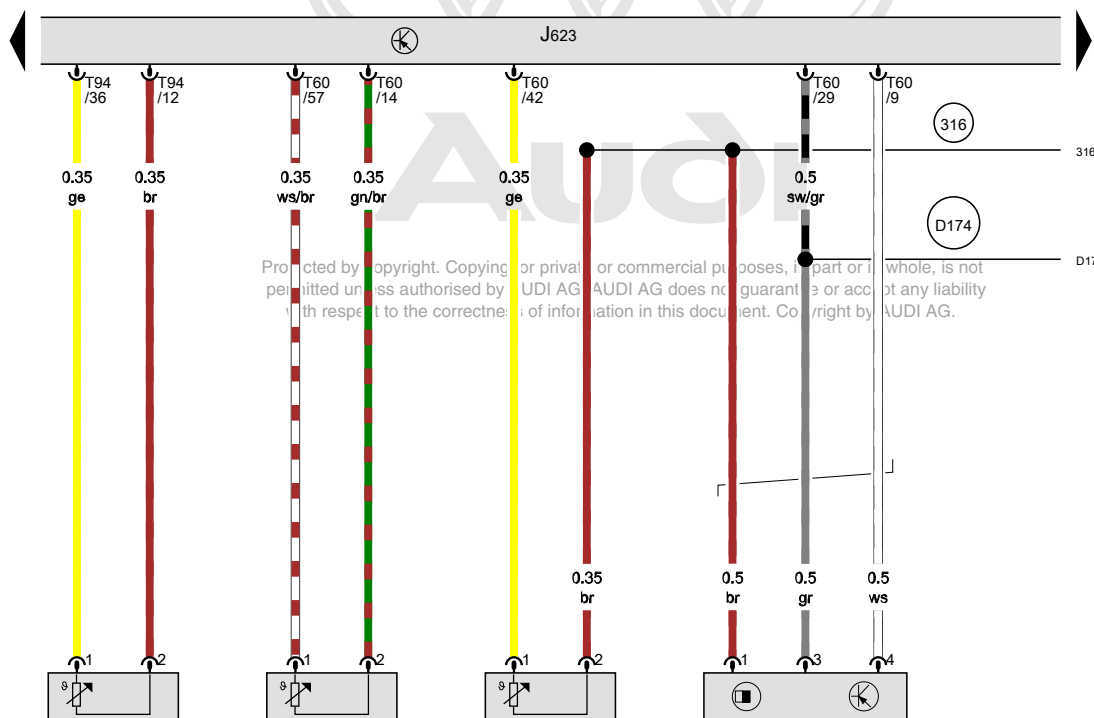
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Radiator outlet coolant temperature sender, Engine control unit

- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G83 Radiator outlet coolant temperature sender
- J623 Engine control unit
- T60 60-pin connector
- T94 94-pin connector

316 Earth connection (sender earth 2) in engine wiring harness

D174 Connection 2 (5V) in engine prewiring harness

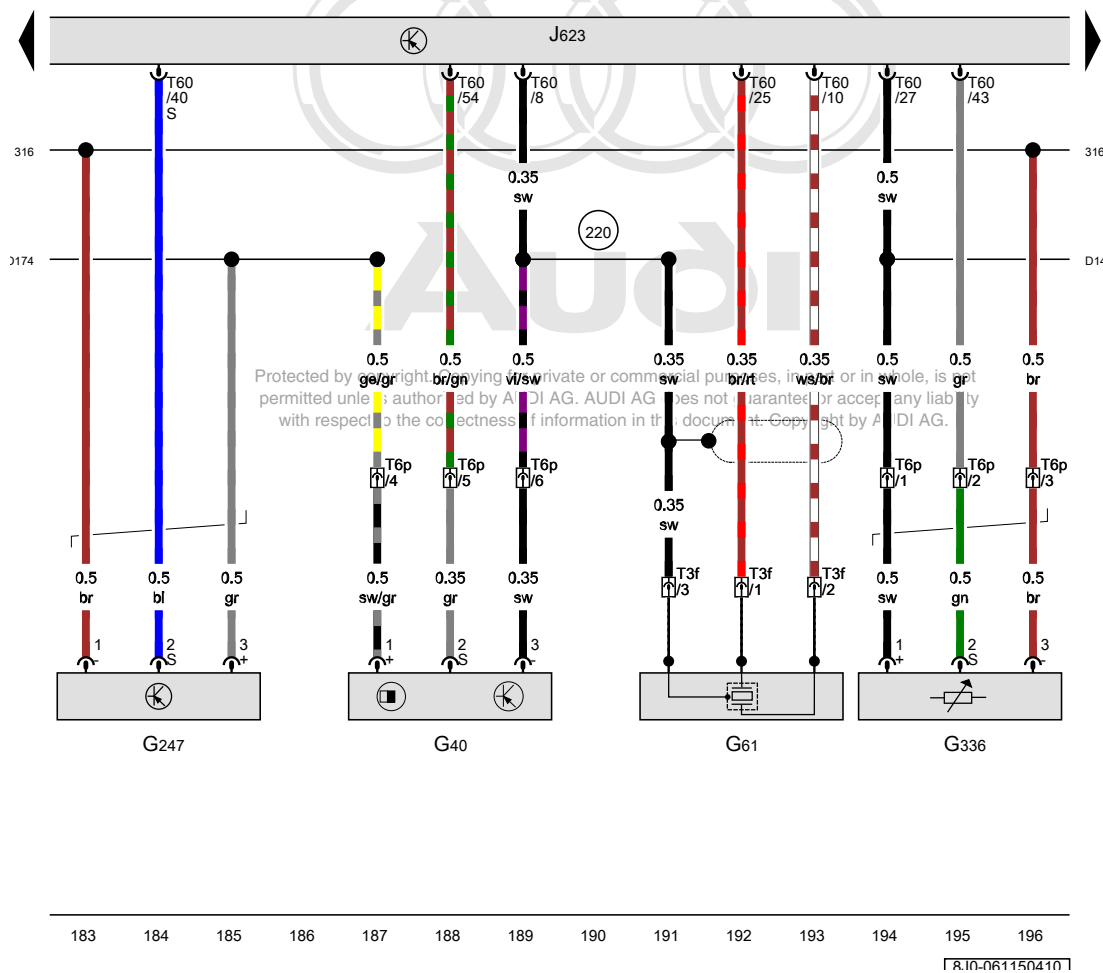


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Hall sender, Knock sensor 1, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

- G40 Hall sender
- G61 Knock sensor 1
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T3f 3-pin connector, green
- T6p 6-pin connector, on front of engine
- T60 60-pin connector

- 220 Earth connection (sender earth), in engine wiring harness
- 316 Earth connection (sender earth 2) in engine wiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness



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

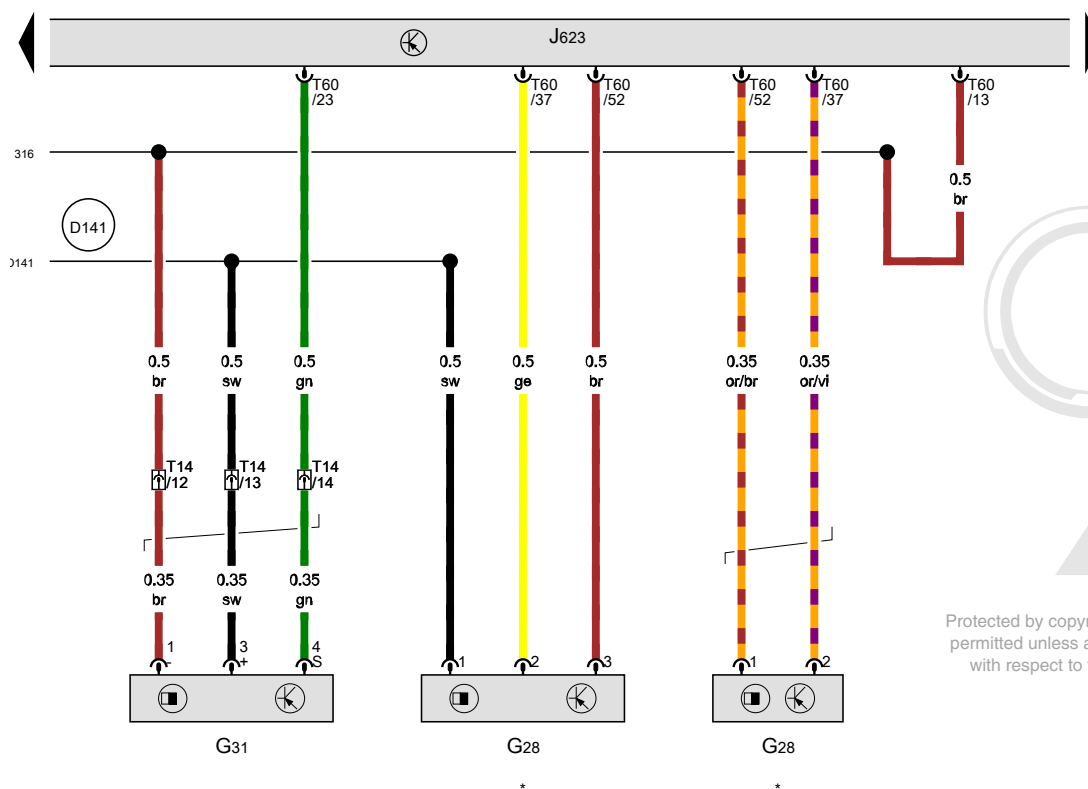
Engine speed sender, Charge pressure sender, Engine control unit

- G28 Engine speed sender
- G31 Charge pressure sender
- J623 Engine control unit
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector

316 Earth connection (sender earth 2) in engine wiring harness

D141 Connection (5V) in engine prewiring harness

* According to equipment

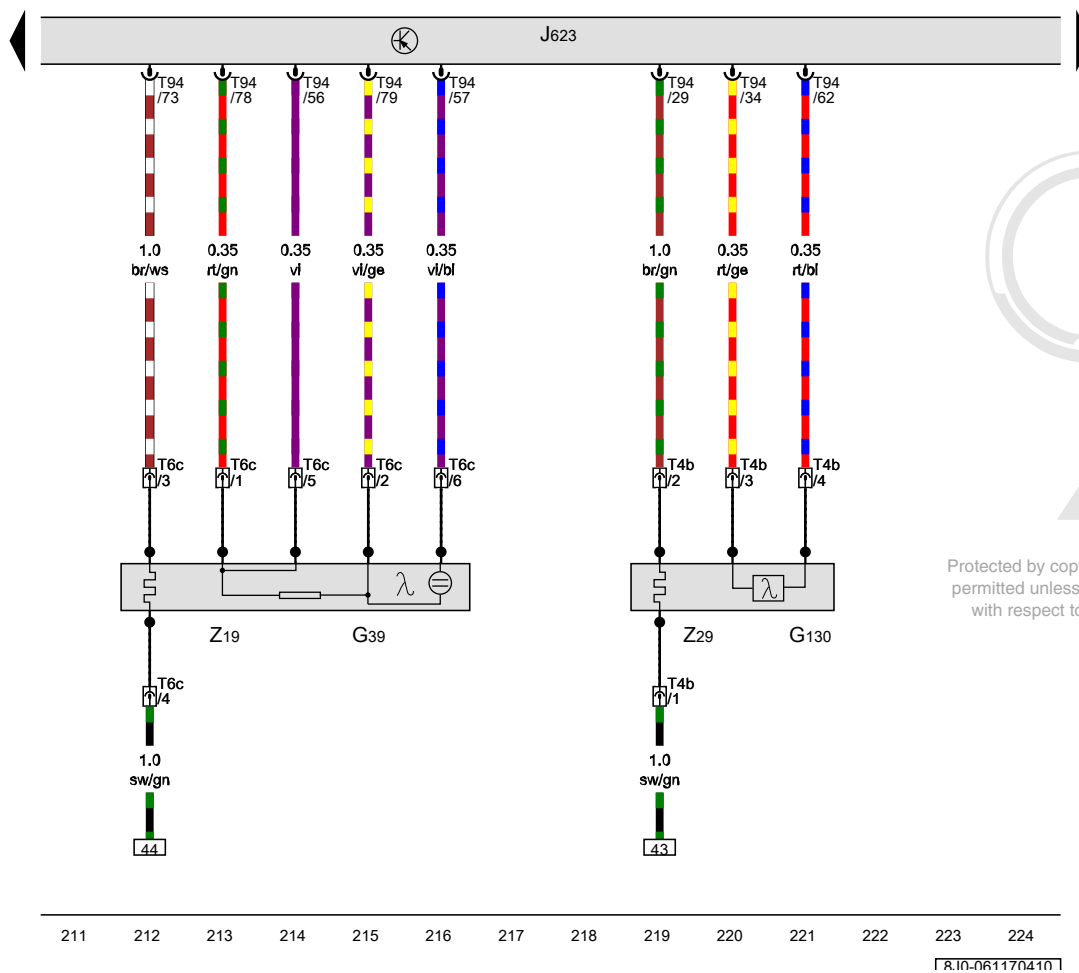


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

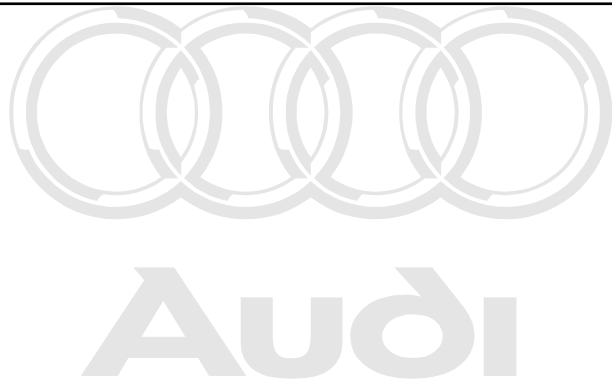
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

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

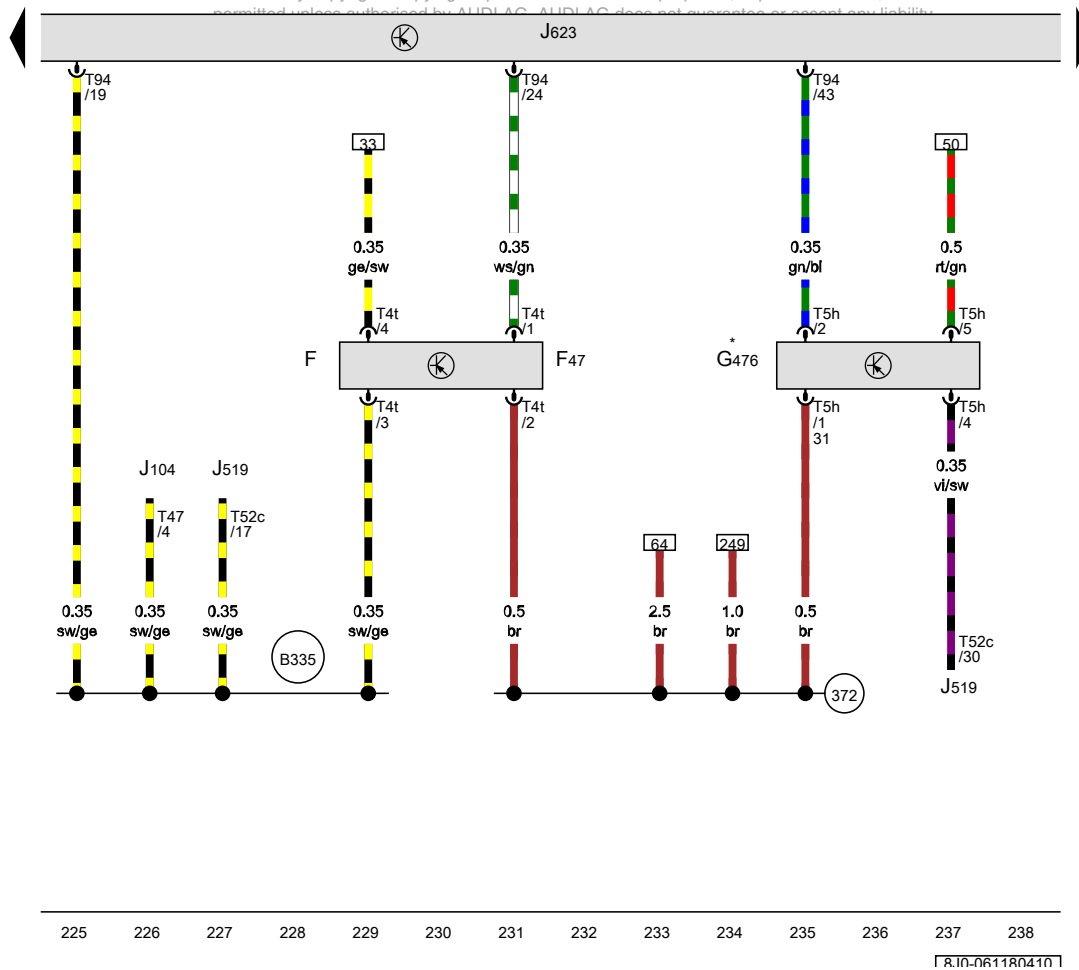
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4b 4-pin connector, black
- T6c 6-pin connector, black
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorized by AUDI AG. AUDI AG does not accept any liability.



Brake light switch, Clutch position sender, Engine control unit

- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector
- T5h 5-pin connector
- T47 47-pin connector
- T52c 52-pin connector
- T94 94-pin connector

372 Earth connection 7, in main wiring harness

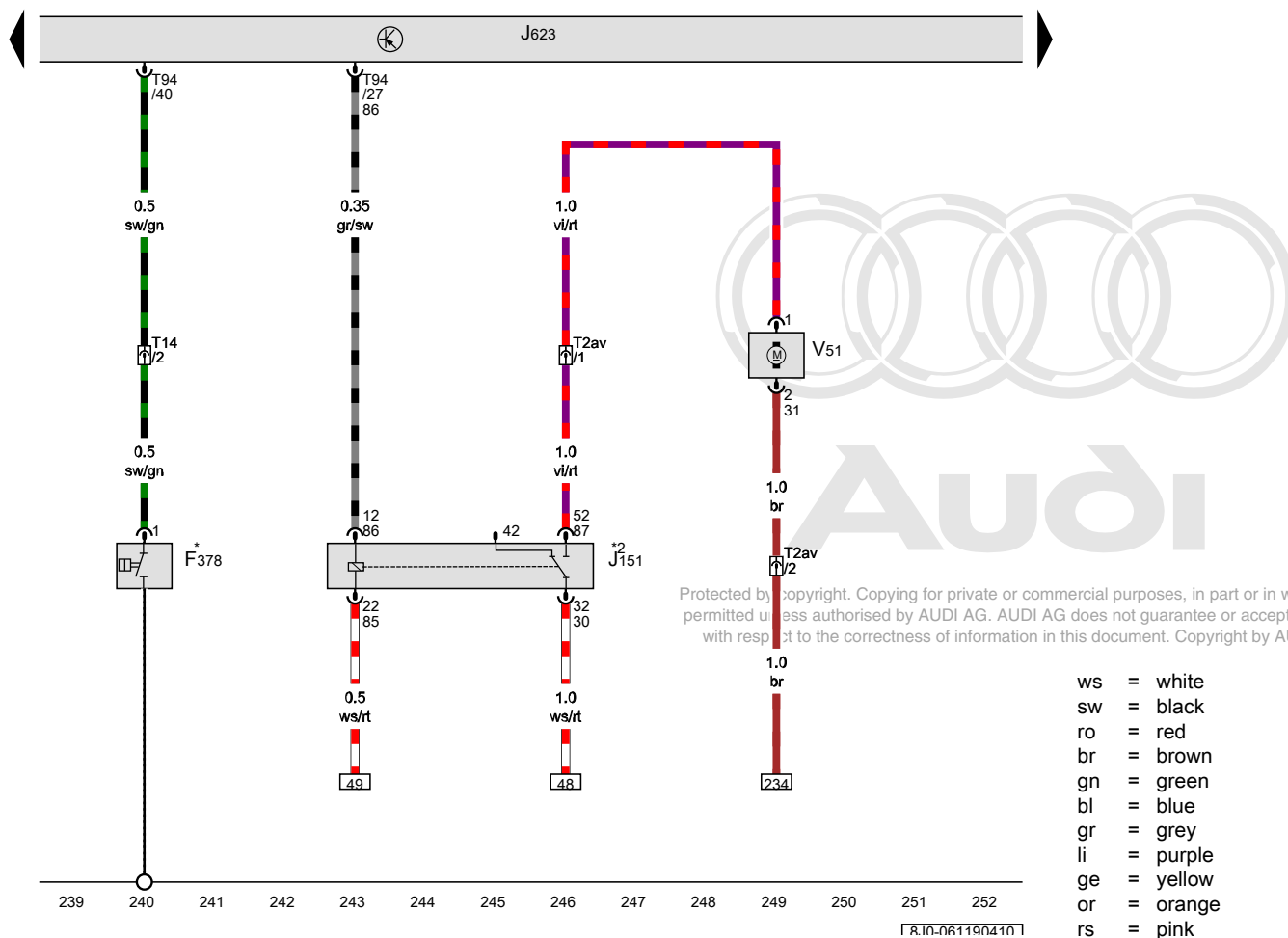
B335 Connection 1 (54), in main wiring harness

* 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

Oil pressure switch for reduced oil pressure, Continued coolant circulation relay, Engine control unit

- F378 Oil pressure switch for reduced oil pressure
- J151 Continued coolant circulation relay
- J623 Engine control unit
- T2av 2-pin connector, front left in engine compartment
- T14 14-pin connector, front left in engine compartment
- T94 94-pin connector
- V51 Continued coolant circulation pump
- * Not for American markets
- *2 Relay and fuse carrier, in E-box in engine compartment

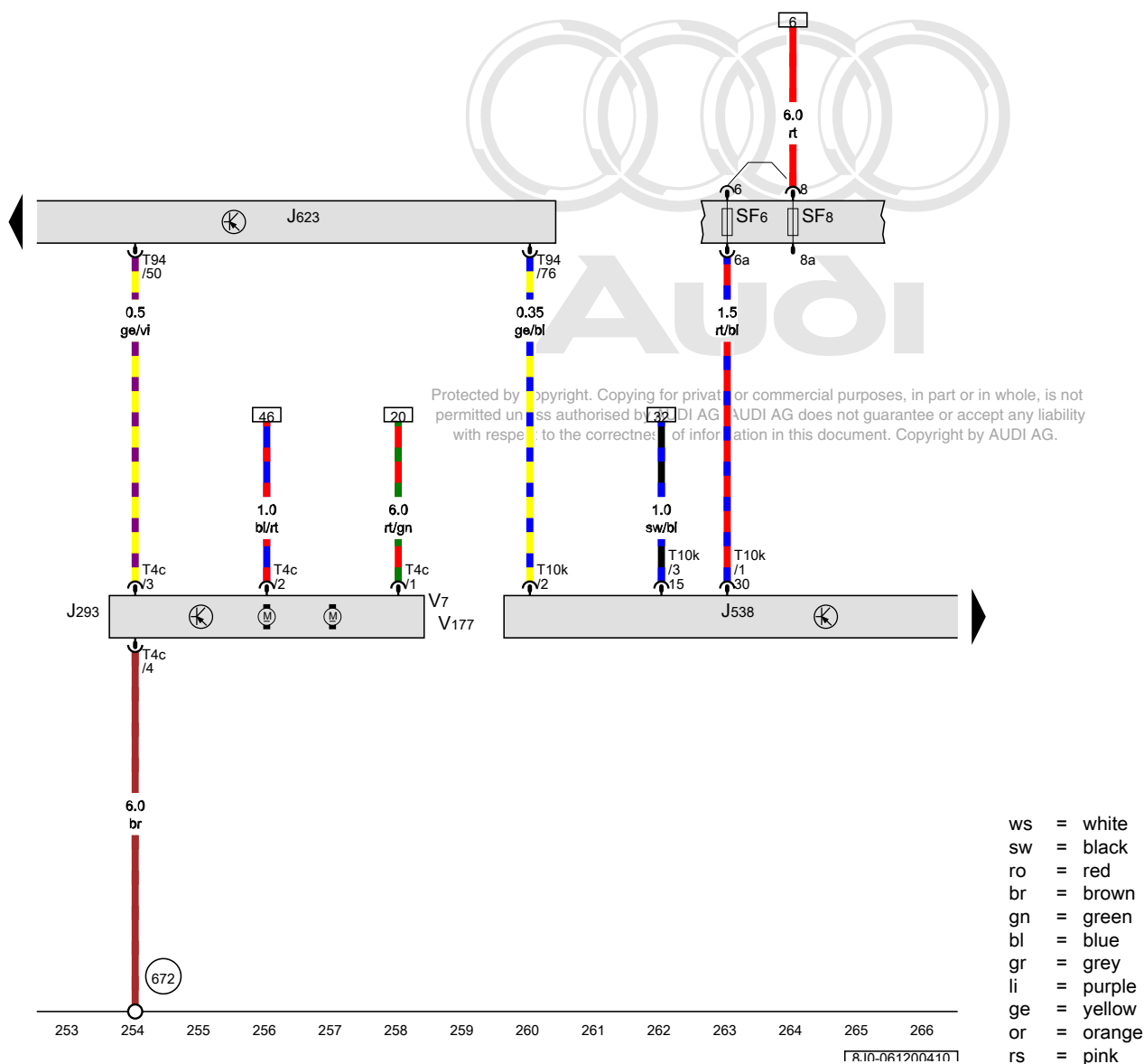


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Radiator fan control unit, Fuel pump control unit, Engine control unit, Radiator fan

- J293 Radiator fan control unit
- J538 Fuel pump control unit
- J623 Engine control unit
- SF6 Fuse 6 in fuse holder F
- SF8 Fuse 8 in fuse holder F
- T4c 4-pin connector
- T10k 10-pin connector
- T94 94-pin connector
- V7 Radiator fan
- V177 Radiator fan 2

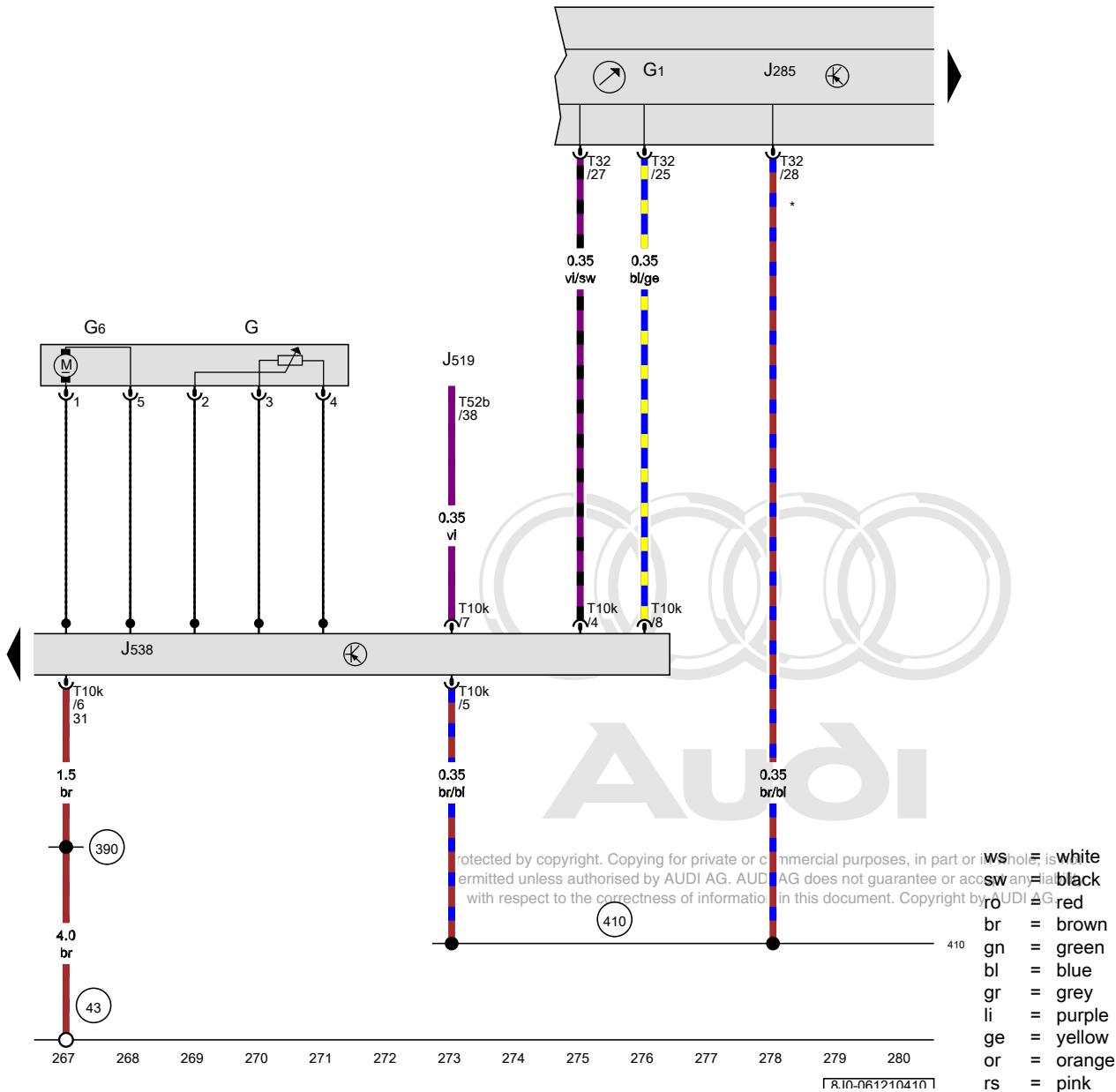
672 Earth point 2, on front of left longitudinal member

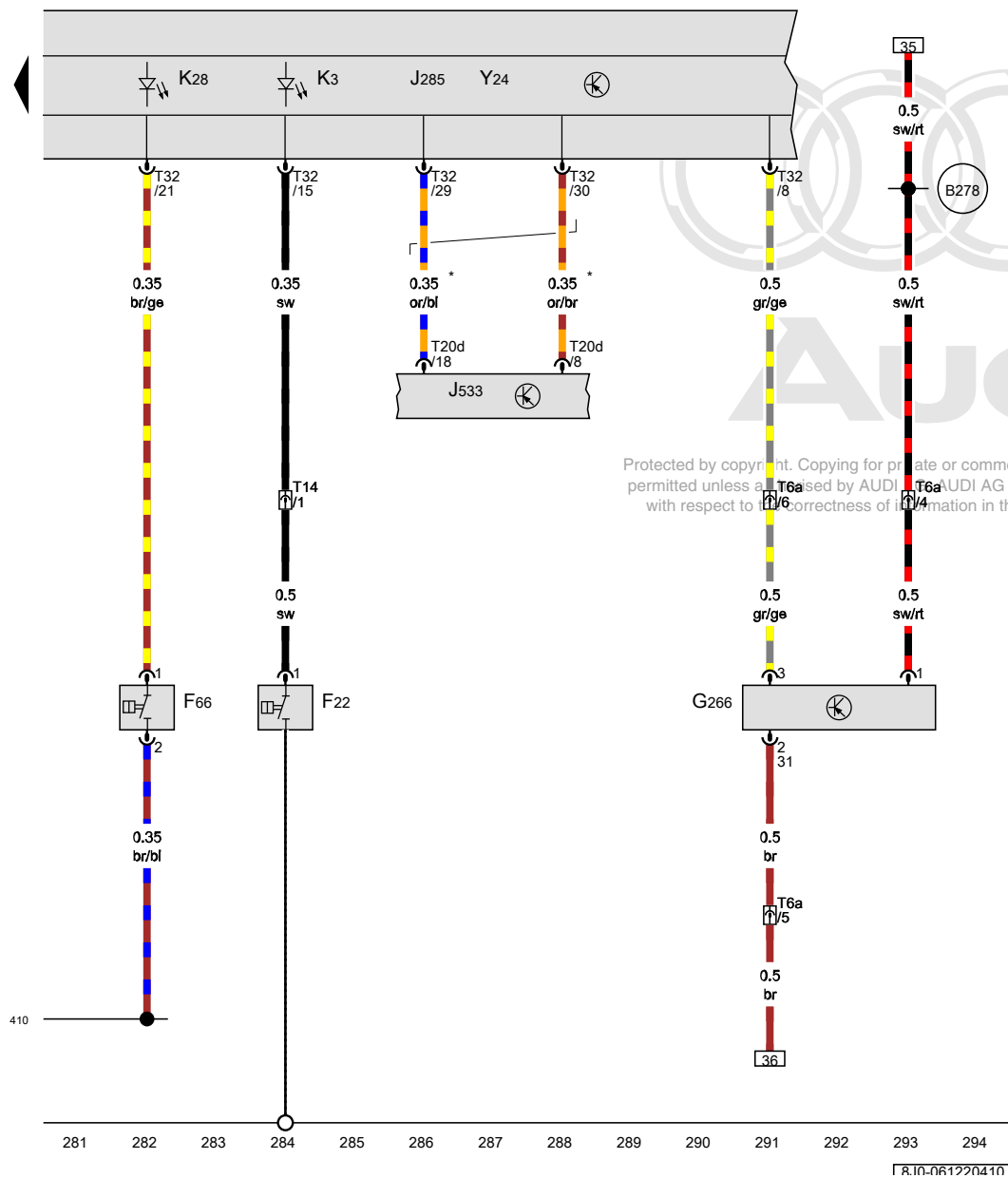


Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- T10k 10-pin connector
- T32 32-pin connector
- T52b 52-pin connector

- 43 Earth point, lower part of right A-pillar
- 390 Earth connection 25, in main wiring harness
- 410 Earth connection 1 (sender earth) in main wiring harness
- * Output for sender earth





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

- F22 Oil pressure switch
- F66 Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- T6a 6-pin connector, front left in engine compartment
- T14 14-pin connector, front left in engine compartment
- T20d 20-pin connector
- T32 32-pin connector
- Y24 Display in dash panel insert

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

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

* Data bus wire (CAN bus)

1 Fuses

1.1 Overview of fuses

1 - Thermal fuse below the dash panel

- ☐ Driver seat adjustment thermal fuse 1 -S44- ⇒ [page 18](#)
- ☐ Location: Front left under dash panel

2 - Fuses (SD) on fuse holder D

- ☐ Location: In luggage compartment, rear right, on the battery
- ☐ Location main fuse box ⇒ [page 15](#)
- ☐ Position of fuses ⇒ [page 17](#)

3 - Fuses (SF) on fuse holder F

- ☐ Location: In luggage compartment, rear right
- ☐ Location main fuse box ⇒ [page 12](#)
- ☐ Position of fuses ⇒ [page 14](#)

4 - Fuses (SC) on fuse holder C

- ☐ Location: Front left dash panel
- ☐ Location electronics box ⇒ [page 9](#)
- ☐ Position of fuses electronics box ⇒ [page 9](#)

5 - Fuse (SB) on fuse holder B

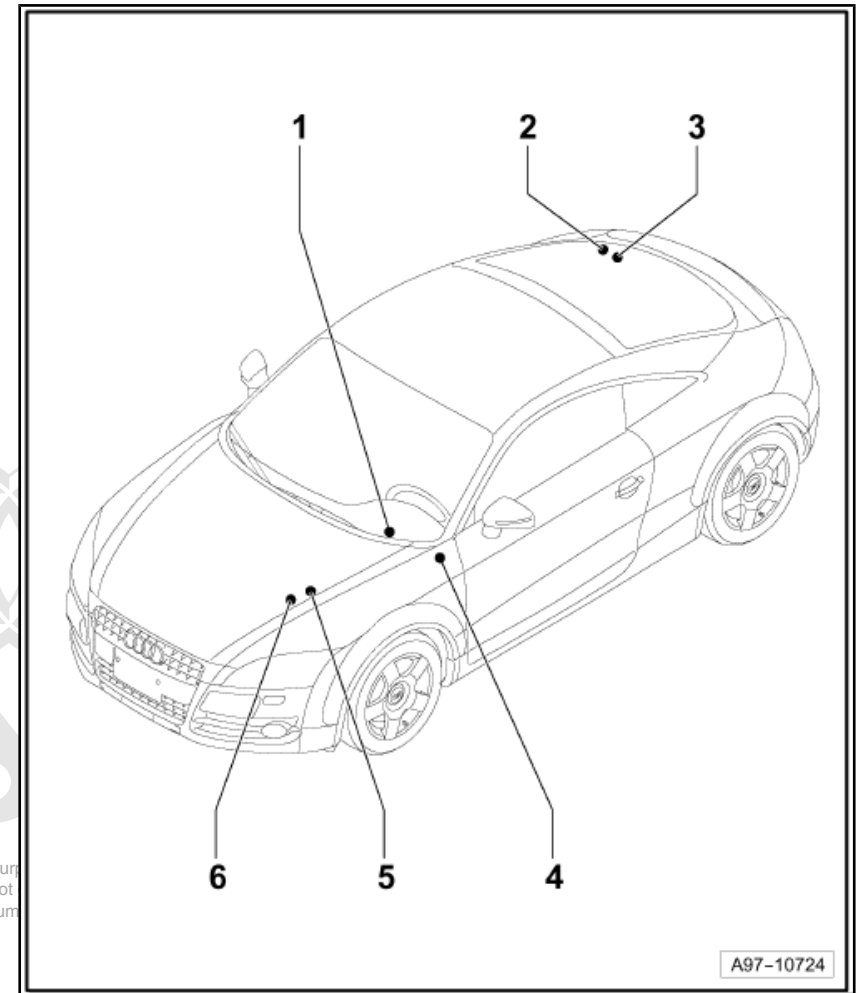
- ☐ Location: In engine compartment, front left
- ☐ Location electronics box ⇒ [page 4](#)
- ☐ Position of fuses electronics box ⇒ [page 5](#)

6 - Fuses (SA) on fuse holder A

- ☐ Location: In engine compartment, front left
- ☐ Location electronics box ⇒ [page 2](#)
- ☐ Position of fuses electronics box ⇒ [page 3](#)



Protected by copyright. Copying for private or commercial purposes is not permitted unless authorised by AUDI AG. AUDI AG does not accept any liability with respect to the correctness of information in this document.



A97-10724

1.2 Location of fuses (SA) on fuse holder A

Torque settings

⇒ Electrical system, Repair Group 97, removing and installing fuse holders

Fuse colours

40 A - orange

30 A - green

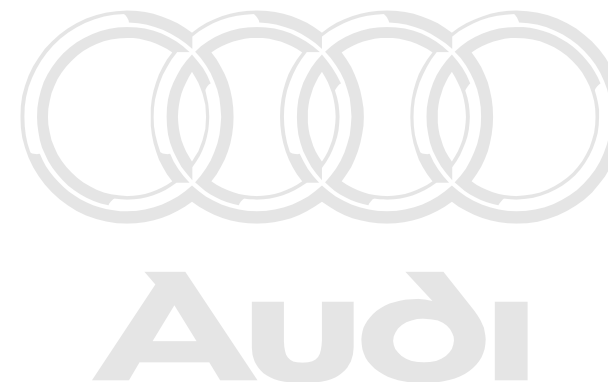
25 A - white

20 A - yellow

15 A - blue

10 A - red

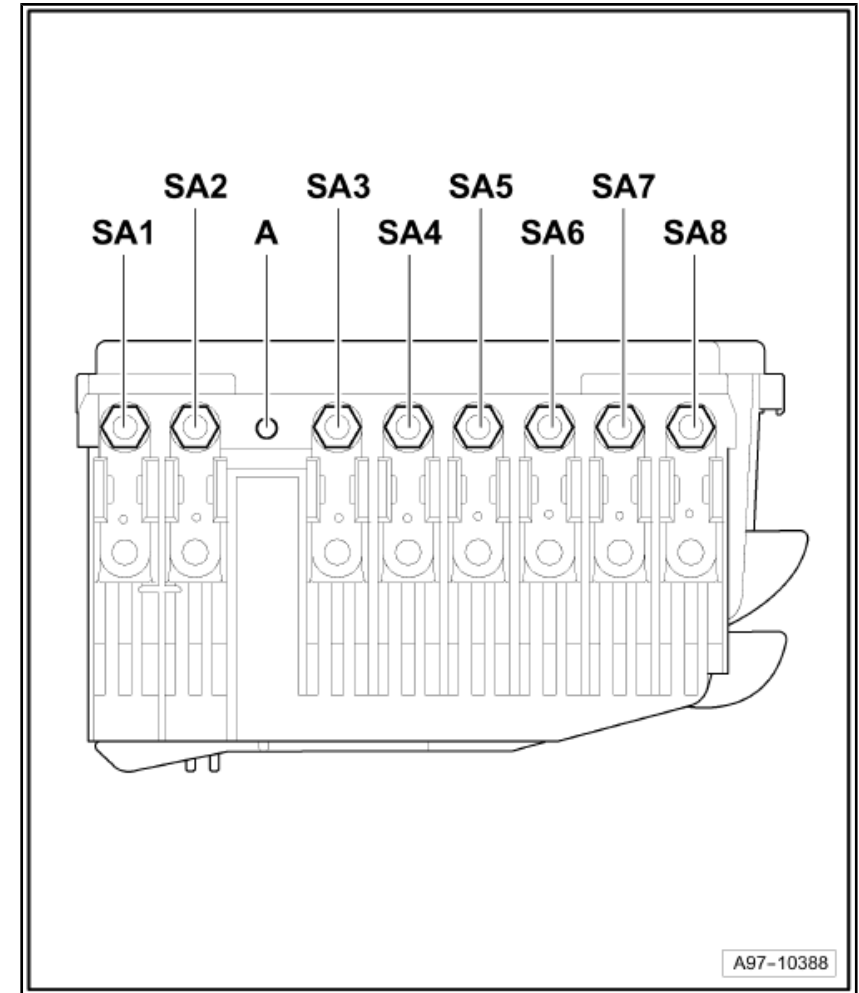
7,5 A - brown



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

5 A - beige

A - Screw connection terminal 30 (C)



1.2.1 Fuse locations on main fuse holder, in front left engine compartment

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder A -SA1-	175 A	- Alternator -C-	30
2	- Fuse 2 on fuse holder A -SA2-	80 A	- Power steering control unit -J500-	30

3	- Fuse 3 on fuse holder A -SA3-	60 A	- Radiator fan control unit -J293- Radiator fan -V7-	30
4	- Fuse 4 on fuse holder A -SA4-	110 A	- Supply for fuse carrier in electronics box engine compartment	30
5	- Fuse 5 on fuse holder A -SA5-	40 A	- Secondary air pump motor -V101- Auxiliary heater element -Z35/1- ¹⁾	30
6	- Fuse 6 on fuse holder A -SA6-	80 A	- Auxiliary heater element -Z35/2- ¹⁾ Auxiliary heater element -Z35/3- ¹⁾	30
7	- Vacant			
8	- Vacant			


Note

¹⁾ engine code CBBB, CFGB only

1.3 Location of fuses (SB) on fuse holder B

Torque settings

⇒ Electrical system, Repair Group 97, removing and installing fuse holders

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

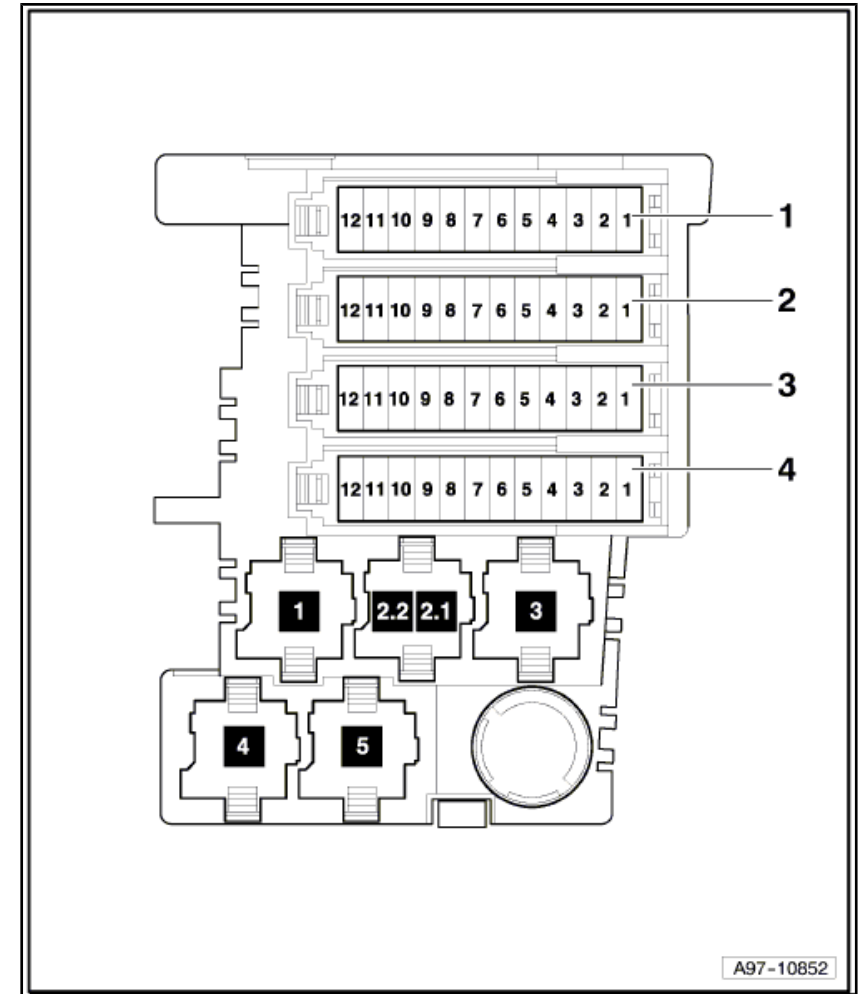
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

5 A - beige

- 1 - ST1 - Fuse carrier, black
- 2 - ST2 - Fuse carrier, brown
- 3 - Vacant
- 4 - Vacant



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.3.1 Position of fuses of fuse carrier 1 (black), fuse holder B in electronics box, engine compartment

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Vacant			
2	- Vacant			

3	- Vacant			
4	- Vacant			
5	- Fuse 5 on fuse holder B -SB5-	5 A	- Alarm horn -H12- Anti-theft alarm sensor -G578-	30
6	- Fuse 6 on fuse holder B -SB6-	30 A	- Headlight washer system pump -V11-	30
7	- Fuse 7 on fuse holder B -SB7-	15 A 20 A ¹⁾⁶⁾ 10 A ⁵⁾	Fuel pressure regulating valve -N276- ^{1) 2)} Fuel pump control unit -G6- ⁴⁾ Control relay -J789- ⁵⁾ Supplementary fuel pump -V393- ³⁾ Engine component current supply relay -J757- ⁶⁾	30
8	- Fuse 8 on fuse holder B -SB8-	30 A	- Wiper motor control unit -J400-	30
9	- Fuse 9 on fuse holder B -SB9-	25 A	- Front left seat heating -Z45- Front right seat heating -Z46-	30
10	- Fuse 10 on fuse holder B -SB10-	10 A	- Driver seat lumbar support longitudinal adjustment motor -V125- Front passenger seat lumbar support longitudinal adjustment motor -V126-	30
11	- Vacant			
12	- Fuse 12 on fuse holder B -SB12-	40 A	- Fresh air blower control unit -J126- Fresh air blower -V2-	30


Note

- ♦ ¹⁾ engine codes CDAA, CCZA, CCTA only
- ♦ ²⁾ engine codes BWA, BPY, CDMA, CDLB only
- ♦ ³⁾ engine codes CBBB, CFGB only
- ♦ ⁴⁾ engine codes BUB, CBRA only
- ♦ ⁵⁾ engine codes CEPA only
- ♦ ⁶⁾ engine codes CESA, CETA only

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.3.2 Position of fuses of fuse carrier 2 (brown), fuse holder B in electronics box, engine compartment

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder B -SB1-	15 A	- Fuel system pressurisation pump -G6- ⁴⁾ Exhaust flap 1 valve -N321- ⁵⁾	87

2	- Fuse 2 on fuse holder B -SB2-	10 A 30 A ⁵⁾	- Lambda probe -G39- ⁴⁾ Lambda probe after catalytic converter -G130- ⁴⁾ Fuel pump control unit -J538- ⁵⁾	87
3	- Fuse 3 on fuse holder B -SB3-	5 A	- Air mass meter -G70- ⁴⁾	87
4	- Fuse 4 on fuse holder B -SB4-	10 A	- Lambda probe 2 -G108- ⁴⁾ Lambda probe 2 after catalytic converter -G131- ⁴⁾	87
5	- Fuse 5 on fuse holder B -SB5-	5 A 10 A ⁵⁾	- Engine component current supply relay -J757- ²⁾ Automatic glow period control unit -J179- ³⁾ Supplementary fuel pump relay -J832- ³⁾ Fuel pump relay -J17- ³⁾ Lambda probe -G39- ⁵⁾	87
6	- Fuse 6 on fuse holder B -SB6-	10 A	- Fuel system diagnostic pump -V144- ⁴⁾ Secondary air pump relay -J299- ⁴⁾ Lambda probe -G39- ¹⁾²⁾³⁾⁶⁾ Lambda probe after catalytic converter -G130- ¹⁾²⁾⁵⁾⁶⁾ Secondary air inlet valve -N112- ⁴⁾ Secondary air inlet valve 2 -N320- ⁴⁾	87
7	- Fuse 7 on fuse holder B -SB7-	10 A	- Charge pressure control solenoid valve -N75- ³⁾ Activated charcoal filter system solenoid valve 1 -N80- ⁴⁾ Variable intake manifold change-over valve -N156- ⁴⁾ Camshaft control valve 1 -N205- ⁴⁾ Exhaust camshaft control valve 1 -N318- ⁴⁾ Exhaust gas recirculation cooler change-over valve -N345- ³⁾ Radiator fan control unit -J293- ¹⁾³⁾⁴⁾⁵⁾⁶⁾ Fuel system diagnostic pump -V144- ^{1) 6)} Intake manifold flap valve -N316- ⁶⁾	87
8	- Fuse 8 on fuse holder B -SB8-	20 A ¹⁾ 2)5)6) 30 A ⁴⁾ 5 A ³⁾	- Ignition coils -N...- ¹⁾²⁾⁴⁾⁵⁾⁶⁾ Low heat output relay -J359- ³⁾ High heat output relay -J360- ³⁾	87
9	- Fuse 9 on fuse holder B -SB9-	15 A ¹⁾ 6) 25 A ²⁾ 30 A ³⁾ 25 A ⁴⁾⁵⁾	- Engine control unit -J623-	87
10	- Fuse 10 on fuse holder B -SB10-	10 A	- Continued coolant circulation pump -V51- ¹⁾²⁾⁴⁾⁵⁾ Continued coolant circulation relay -J151- ¹⁾²⁾⁴⁾⁶⁾ Exhaust gas recirculation cooler pump -V400- ³⁾ Refrigerant circulation solenoid valve -N492- ⁵⁾ Additional coolant pump relay -J496- ⁵⁾	87

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

11	- Fuse 11 on fuse holder B -SB11-	5 A	- Clutch position sender -G476-	87
12	- Fuse 12 on fuse holder B -SB12-	10 A 15 A ³⁾	- Engine component current supply relay -J757- ¹⁾⁶⁾ Activated charcoal filter system solenoid valve 1 -N80- ¹⁾²⁾⁶⁾ Charge pressure control solenoid valve -N75- ¹⁾²⁾⁶⁾ Camshaft control valve 1 -N205- ¹⁾⁶⁾ Turbocharger air recirculation valve -N249- ¹⁾²⁾⁶⁾ Fuel pressure regulating valve -N276- ³⁾ Fuel metering valve -N290- ³⁾ Intake manifold flap valve -N316- ¹⁾ Valve for oil pressure control -N428- ¹⁾⁶⁾ Secondary air inlet valve -N112- ⁶⁾ Actuator 1 for camshaft adjustment -F366- ⁶⁾	87


Note

- ◆ ¹⁾ engine codes CDAA, CCZA, CCTA only
- ◆ ²⁾ engine codes BWA, BPY, CDMA, CDLB only
- ◆ ³⁾ engine codes CBBB, CFGB only
- ◆ ⁴⁾ engine codes BUB, CBRA only
- ◆ ⁵⁾ engine codes CEPA only
- ◆ ⁶⁾ engine codes CESA, CETA only



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.4 Location of fuses (SC) on fuse holder C

Torque settings

⇒ Electrical system, Repair Group 97, removing and installing fuse holders

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

15 A - blue

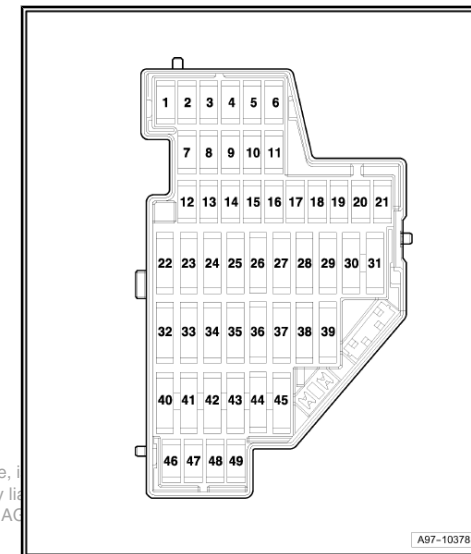
10 A - red

7,5 A - brown

5 A - beige



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG



1.4.1 Position of fuses in fuse holder C, left dash panel

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder C -SC1-	10 A	- Fuel pump relay -J17- Electric fuel pump 2 relay -J49- 1) Fuel pump control unit -J538- Engine control unit -J623- Front passenger side airbag deactivated warning lamp -K145- Light switch illumination bulb -L9- 16-pin connector, diagnostic connector -T16-	15
2	- Fuse 2 on fuse holder C -SC2-	5 A	- ABS control unit -J104- Brake light switch -F-	15
3	- Fuse 3 on fuse holder C -SC3-	5 A	- Power output module for left headlight -J667-	15
4	- Fuse 4 on fuse holder C -SC4-	5 A	- Oil level and oil temperature sender -G266- Tyre pressure monitor button -E226- Tyre pressure monitor control unit 2 -J793- TCS and ESP button -E256- Headlight range control, control unit -J431- High pressure sender -G65- Reversing light switch -F4-	15

5	- Fuse 5 on fuse holder C -SC5-	10 A ⁵⁾ 5 A ⁶⁾	- Right headlight range control motor -V49- ⁵⁾ Left headlight range control motor -V48- ⁵⁾ Headlight range control adjuster -E102- ⁵⁾ Control unit for headlight range control -J431- ⁶⁾ Power output module for right headlight -J668- ⁶⁾	15
6	- Fuse 6 on fuse holder C -SC6-	5 A	- Power steering control unit -J500- Data bus diagnostic interface -J533- Selector lever sensors control unit -J587- Mechatronic unit for dual clutch gearbox -J743-	15
7	- Fuse 7 on fuse holder C -SC7-	5 A	- Parking aid control unit -J446- Automatic anti-dazzle interior mirror -Y7- Garage door operating unit -E284- Garage door operation control unit -J530- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Onboard supply control unit -J519- Washer pump relay -J576- Cabrio windbreak control unit -J531-	15
8	- Fuse 8 on fuse holder C -SC8-	5 A 10 A ²⁾	- Four-wheel drive control unit -J492-	15
9	- Fuse 9 on fuse holder C -SC9-	5 A	- Electronically controlled damping control unit -J250-	15
10	- Fuse 10 on fuse holder C -SC10-	5 A	- Airbag control unit -J234- Seat occupied recognition control unit -J706- ⁷⁾	15
11	- Fuse 11 on fuse holder C -SC11-	10 A ¹⁾⁴⁾ 5 A ³⁾	- Air mass meter -G70- ³⁾⁴⁾ Structure-borne noise control unit -J869- ⁴⁾ Heater element for crankcase breather -N79- ¹⁾⁴⁾	15
12	- Fuse 12 on fuse holder C -SC12-	10 A	- Driver door control unit -J386- Front passenger door control unit -J387-	30
13	- Fuse 13 on fuse holder C -SC13-	10 A	- 16-pin connector, diagnostic connector -T16-	30
14	- Fuse 14 on fuse holder C -SC14-	5 A	- Rain and light detector sensor -G397- ¹²⁾ Selector lever sensors control unit -J587-	30
15	- Fuse 15 on fuse holder C -SC15-	5 A 15 A ¹³⁾	- Onboard supply control unit -J519- Front interior light -W1- Rain and light detector sensor -G397- ¹³⁾	30
16	- Fuse 16 on fuse holder C -SC16-	10 A	- Climatronic control unit -J255-	30
17	- Fuse 17 on fuse holder C -SC17-	5 A	- Tyre pressure monitor control unit -J502- ⁷⁾ Tyre pressure monitor control unit 2 -J793-	30
18	- Vacant			
19	- Vacant			
20	- Vacant			

21	- Fuse 21 on fuse holder C -SC21-	10 A	- Injectors -N....- ¹⁾	15
22	- Fuse 22 on fuse holder C -SC22-	30 A	- Cabrio windbreak control unit -J531- ⁹⁾	30
23	- Fuse 23 on fuse holder C -SC23-	20 A	- Treble tone horn -H2- Bass tone horn -H7-	30
24	- Fuse 24 on fuse holder C -SC24-	15 A	- Mechatronic unit for dual clutch gearbox -J743-	30
25	- Fuse 25 on fuse holder C -SC25-	30 A 20 A ⁹⁾	- Heated rear window -Z1-	30
26	- Fuse 26 on fuse holder C -SC26-	30 A	- Driver side window regulator motor -V147-	30
27	- Fuse 27 on fuse holder C -SC27-	30 A	- Front passenger side window regulator motor -V148-	30
28	- Vacant			
29	- Fuse 29 on fuse holder C -SC29-	15 A	- Washer pump -V5-	15
30	- Fuse 30 on fuse holder C -SC30-	20 A	- Cigarette lighter -U1- ¹⁰⁾ 12-V plug socket -U5- ⁷⁾¹⁰⁾	15
31	Fuse 31 on fuse holder C -SC31-	40 A	- Starter -B- Terminal 50 voltage supply relay -J682-	15
32	Fuse 32 on fuse holder C -SC32-	5 A	- Steering column electronics control unit -J527-	30
33	Fuse 33 on fuse holder C -SC33-	5 A	- Control unit in dash panel insert -J285-	30
34	Fuse 34 on fuse holder C -SC34-	15 A 20 A ⁸⁾	- Navigation system with CD drive control unit -J401- Radio -R- Control unit with display for radio and navigation system -J503-	30
35	Fuse 35 on fuse holder C -SC35-	30 A	- Digital sound package control unit -J525-	30
36	Fuse 36 on fuse holder C -SC36-	10 A	- Engine control unit -J623- Motronic current supply relay -J271- Terminal 30 voltage supply relay -J317- ⁴⁾	30
37	- Fuse 37 on fuse holder C -SC37-	5 A	- Data bus diagnostic interface -J533-	30
38	- Fuse 38 on fuse holder C -SC38-	20 A	- Relay for power sockets -J807- ¹¹⁾ Cigarette lighter -U1- ¹¹⁾ 12-V plug socket -U5- ⁷⁾¹¹⁾	30
39	- Vacant			
40	- Vacant			
41	- Vacant			
42	- Vacant			
43	- Vacant			
44	- Vacant			
45	- Vacant			
46	- Vacant			

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying not permitted.

47	- Fuse 47 on fuse holder C -SC47-	5 A	- Satellite radio -R146- ⁷⁾ Telephone transmitter and receiver unit -R36- Aerial amplifier for mobile telephone -R86- TV tuner -R78- Preparation for mobile telephone	30
48	- Fuse 48 on fuse holder C -SC48-	5 A	- Preparation for mobile telephone	15
49	- Vacant			


Note

- ◆ ¹⁾ for engine code BUB, CBRA only
- ◆ ²⁾ for engine code CDLB only
- ◆ ³⁾ engine code BWA, BPY, CDMA, CDLB only
- ◆ ⁴⁾ for engine code CBBB, CFGB only
- ◆ ⁵⁾ or manual headlight range control
- ◆ ⁶⁾ or automatic headlight range control
- ◆ ⁷⁾ for models with US equipment only
- ◆ ⁸⁾ for models with Japan equipment only
- ◆ ⁹⁾ Roadster
- ◆ ¹⁰⁾ up to May 2007
- ◆ ¹¹⁾ from June 2007
- ◆ ¹²⁾ up to May 2009
- ◆ ¹³⁾ from June 2009

1.5 Location of fuses (SF) on fuse holder F

Torque settings

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability for errors or omissions. The content of this document is subject to change without notice by AUDI AG.

⇒ Electrical system, Repair Group 97, removing and installing fuse holders

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

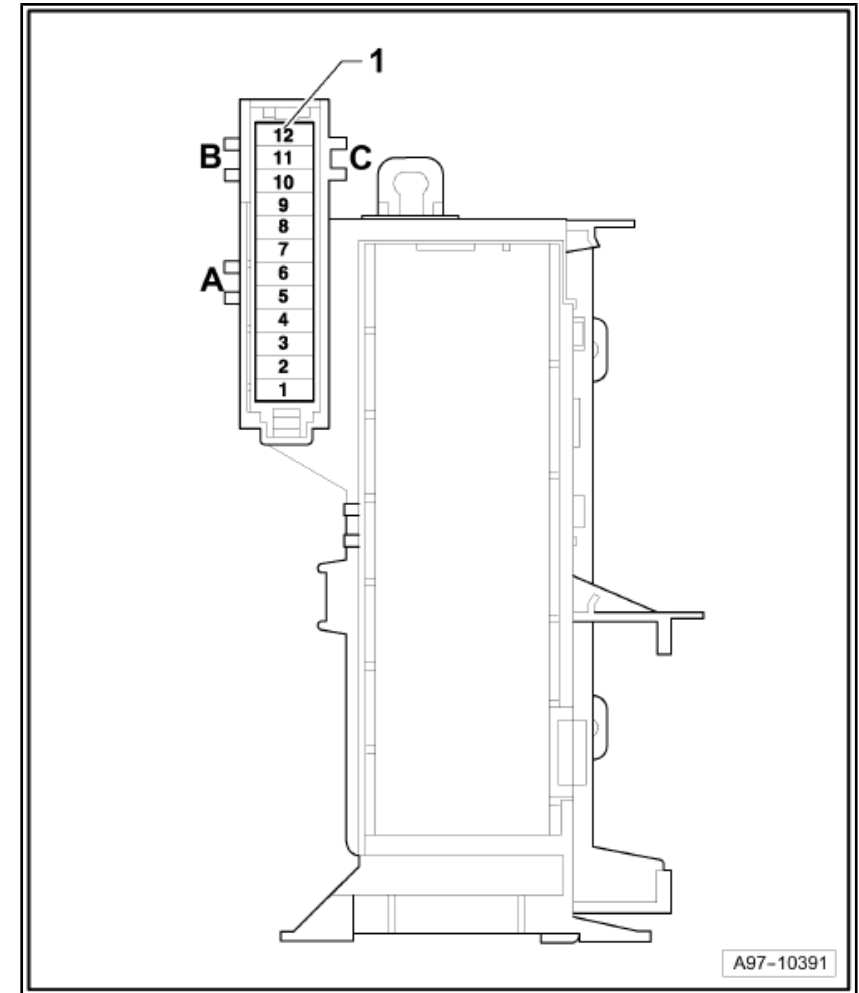
5 A - beige

A - Vacant

B - Vacant

C - Vacant

1 - Fuse holder SF



1.5.1 Position of fuses in fuse holder F, right in luggage compartment

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder F -SF1-	5 A	- Onboard supply control unit -J519- (reference voltage)	30
2	- Fuse 2 on fuse holder F -SF2-	40 A	- Onboard supply control unit -J519-	30

3	- Vacant			
4	- Fuse 4 on fuse holder F -SF4-	30 A	- Convertible roof actuation control unit -J256- ¹⁾ Convertible roof actuation hydraulic pump -V118- ¹⁾	30
5	- Fuse 5 on fuse holder F -SF5-	5 A	- Parking aid control unit -J446- Interface for special functions ²⁾	30
6	- Fuse 6 on fuse holder F -SF6-	15 A	- Fuel pump control unit -J538- ³⁾⁴⁾ Fuel system pressurisation pump -G6- ⁵⁾	30
7	- Fuse 7 on fuse holder F -SF7-	40 A	- Onboard supply control unit -J519-	30
8	- Fuse 8 on fuse holder F -SF8-	20 A	- ABS control unit -J104- (ABS valves)	30
9	- Fuse 9 on fuse holder F -SF9-	30 A	- Electronically controlled damping control unit -J250-	30
10	- Fuse 10 on fuse holder F -SF10-	20 A ⁶⁾ 10 A ⁷⁾	- Convenience system central control unit -J393- ⁶⁾ Onboard supply control unit -J519- ⁷⁾	30
11	- Fuse 11 on fuse holder F -SF11-	25 A	- Convertible roof actuation control unit -J256- ¹⁾	30
12	- Fuse 12 on fuse holder F -SF12-	5 A ⁶⁾	- Convenience system central control unit -J393- ⁶⁾	30


Note

- ◆ ¹⁾ Roadster
- ◆ ²⁾ from June 2007
- ◆ ³⁾ for engine code CDAA, CCZA, CCTA only
- ◆ ⁴⁾ for engine code BWA, BPY, CDMA, CDLB only
- ◆ ⁵⁾ for engine code CBBB, CFGB only
- ◆ ⁶⁾ up to May 2009
- ◆ ⁷⁾ from June 2009



1.6 Location of fuses (SD) on fuse holder D

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted. This document is authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

Torque settings

⇒ Electrical system, Repair Group 97, removing and installing fuse holders

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

5 A - beige

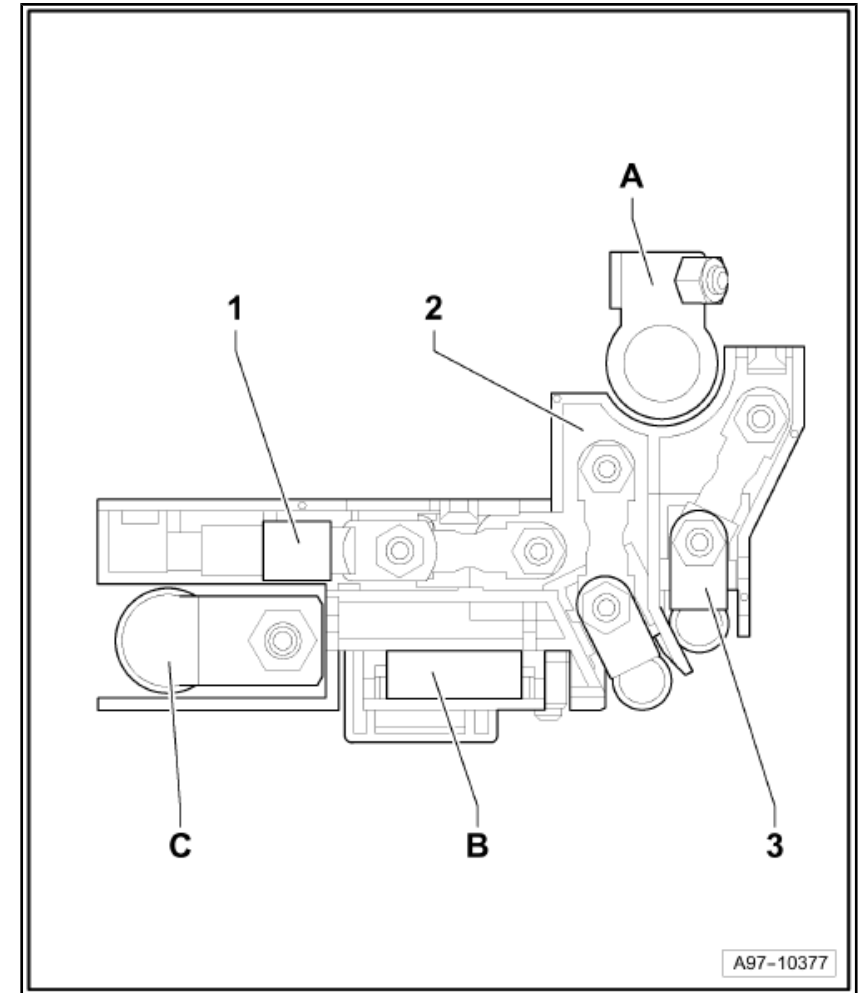
A - Connection battery positive

B - Battery isolation igniter -N253-

C - Main fuse holder supply, electronics box

C - Cable to starter -B-

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.6.1 Position of fuses on main fuse holder D, in luggage compartment, rear right, on the battery

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder D -SD1-	40 A	- ABS hydraulic pump -V64-	30
2	- Fuse 2 on fuse holder D -SD2-	110 A	- Supply for fuse holder right in luggage compartment	30

3	-	Fuse 3 on fuse holder D -SD3-	110 A	-	Supply for fuse holder on left of dash panel	30
---	---	-------------------------------	-------	---	--	----

1.7 Safety cutout, on left under dash panel

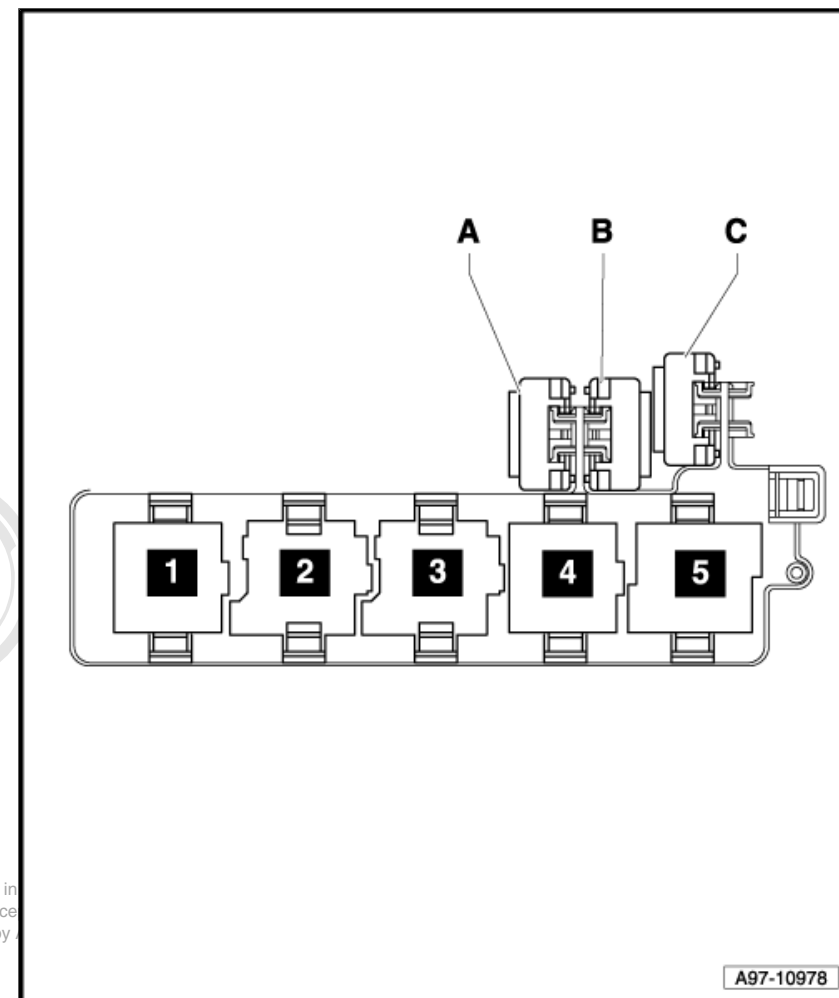
A - Vacant

B - Vacant

C - Driver seat adjustment thermal fuse 1 -S44- , 20 A



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Audi AG



1 Coupling stations and pin connectors from wiring harness set

1.1 Overview of coupling stations and pin connectors

1 - Coupling station under right front seat

- ☐ With pin connectors
 - T10i-,
 - T3d-,
 - T6e-,
 - T10g-
- ☐ Location ⇒ [page 3](#)

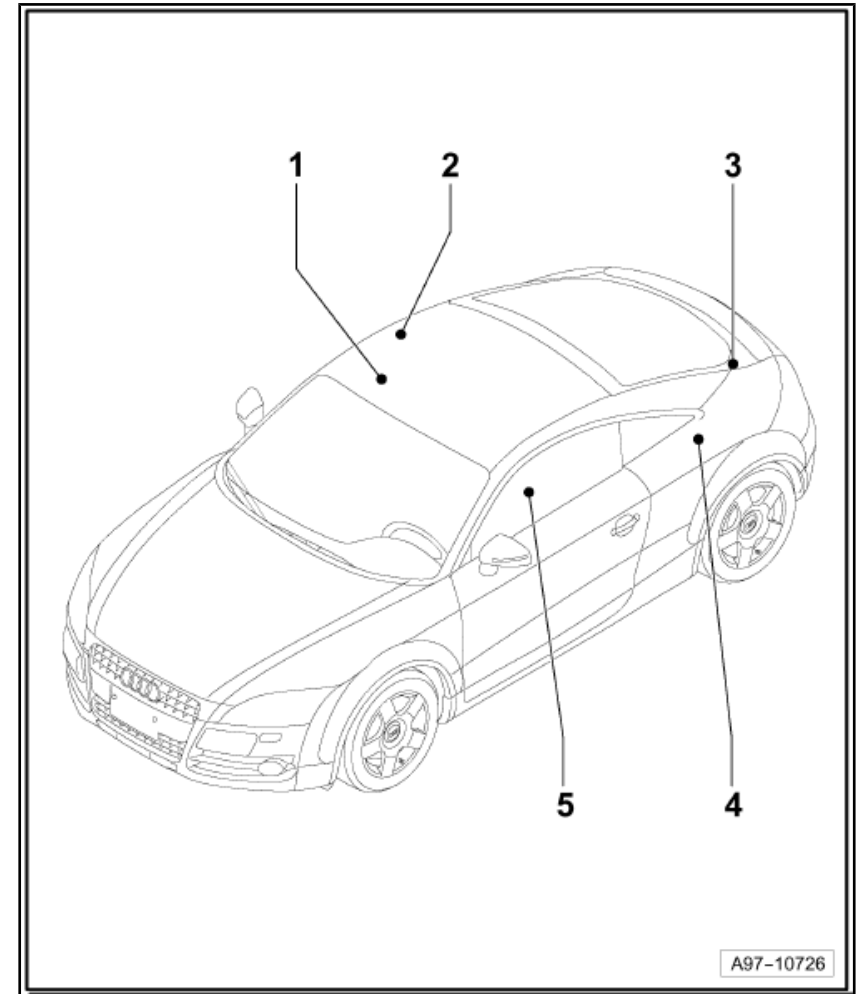
2 - Coupling station right rear lid, in rear right roof frame

- ☐ With pin connectors
 - T2f-,
 - T2e-,
 - T2d-,
 - T2c-, for aerial pin connector
- ☐ Location ⇒ [page 4](#)

3 - Coupling station left rear lid (Roadster)

- ☐ With pin connectors -T6f-, -T8e-
- ☐ Location ⇒ [page 4](#)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



4 - Coupling station left rear lid behind side panel

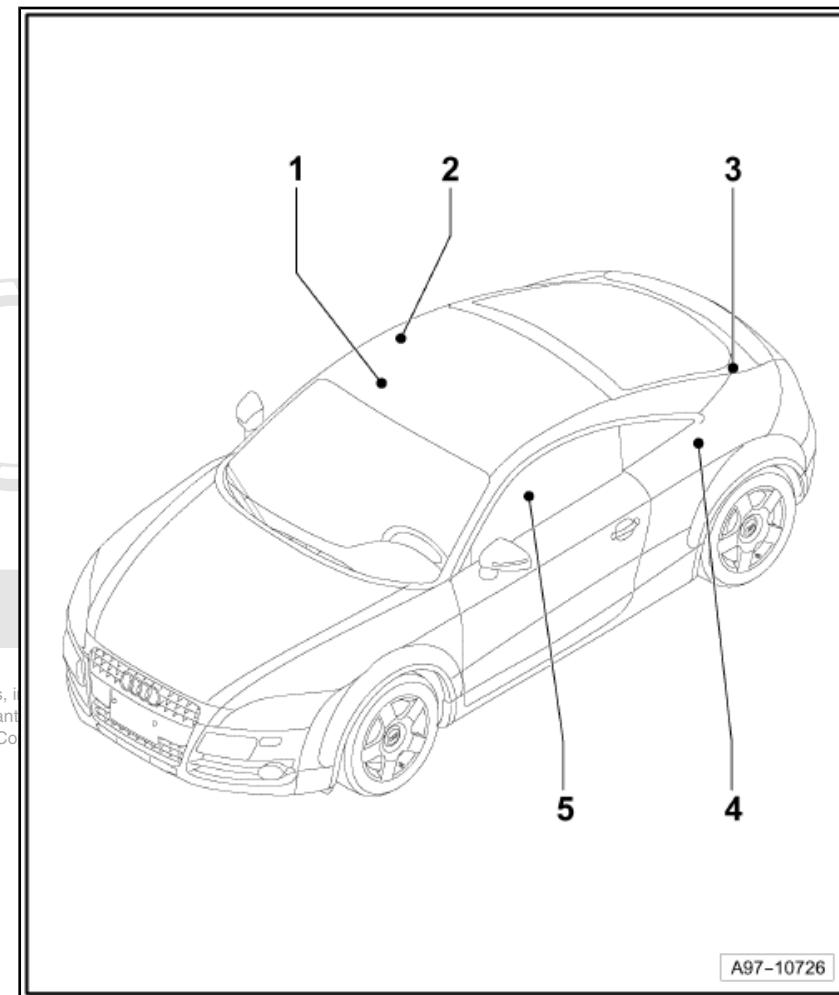
- ☐ With pin connectors
-T6f-,
-T8e-
- ☐ Location ⇒ [page 5](#)

5 - Coupling station under left front seat

- ☐ With pin connectors
-T10f-,
-T10h-,
-T3c-,
-T6d-
- ☐ Location ⇒ [page 3](#)

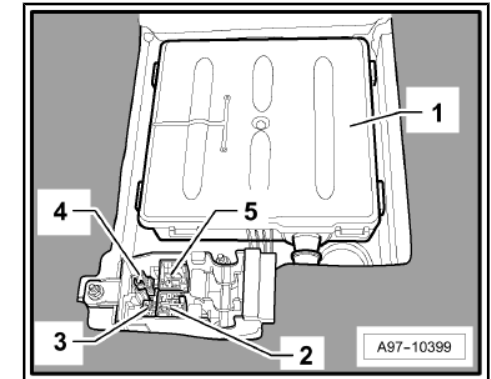


Protected by copyright. Copying for private or commercial purposes, is permitted unless authorised by AUDI AG. AUDI AG does not guarantee with respect to the correctness of information in this document. Co



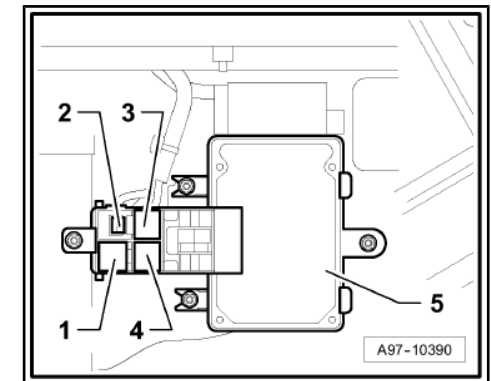
1.2 Coupling station under left front seat

- 1 - Telephone transmitter and receiver unit -R36-
- 2 - 10-pin connector -T10f-, red
- 3 - 10-pin connector -T10h-, black
- 4 - 3-pin connector -T3c-, yellow
- 5 - 6-pin connector -T6d-, green



1.3 Coupling station under right front seat

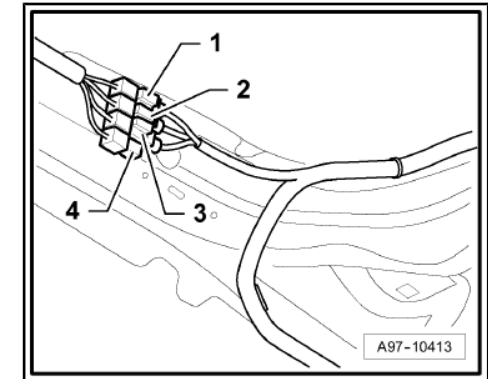
- 1 - 10-pin connector -T10i-, black
- 2 - 3-pin connector -T3d-, yellow
- 3 - 6-pin connector, -T6e-, green
- 4 - 10-pin connector -T10g-, red
- 5 - Electronically controlled damping control unit -J250-



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.4 Coupling station right rear lid, in rear right roof frame

- 1 - Aerial connection blue -T2f-, GPS
- 2 - Aerial connection yellow -T2e-, ZF/HF2
- 3 - Aerial connection white -T2d-, HF1
- 4 - Aerial connection black -T2c-, DAB

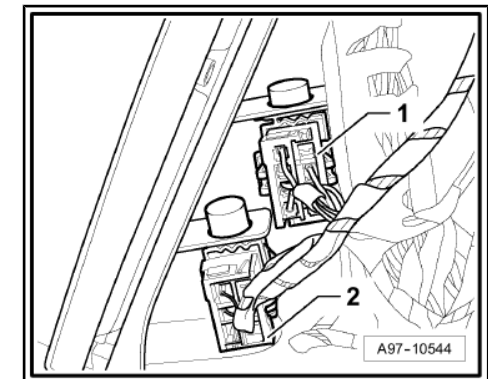


1.5 Coupling station left rear lid (Roadster)

Left rear lid (Roadster)

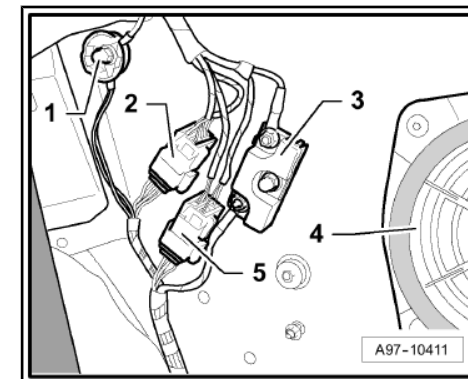
- 1 - -T8e-, brown
- 2 - -T6f-, black

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.6 Coupling station left rear lid behind side panel

- 1 - Earth point, rear left side panel -662-
- 2 - 6-pin connector -T6f-, black
- 3 - Window aerial suppression filter -C18-
- 4 - Rear left mid-range and bass loudspeaker -R159-
- 5 - 8-pin connector -T8e-, brown



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1 Earth points

1.1 Overview of earth points

1 - Earth point, lower part of right A-pillar -43-

❑ Location ⇒ [page 4](#)

2 - Earth point, airbag control unit -637-

❑ Location ⇒ [page 7](#)

3 - Earth point, under rear right seat -40-

❑ Location ⇒ [page 3](#)

4 - Earth point, on right in luggage compartment -51-

❑ Location ⇒ [page 5](#)

5 - Earth point, on right in rear lid -53-

❑ Location ⇒ [page 6](#)

6 - Earth point, on left in luggage compartment -50-

❑ Location ⇒ [page 5](#)

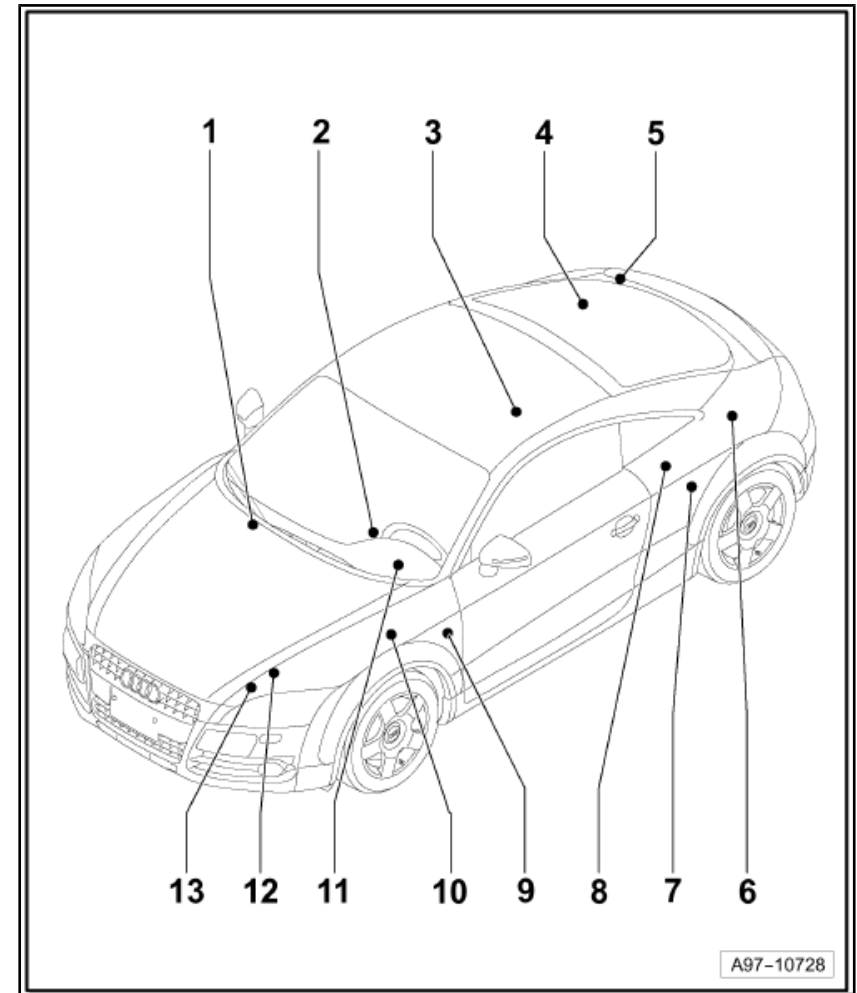
7 - Earth point 2, on left in luggage compartment (Roadster) -676-

❑ Location ⇒ [page 9](#)

8 - Earth point, rear left side panel (Coupé) -662-

❑ Location ⇒ [page 7](#)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



A97-10728

9 - Earth point, lower part of left A-pillar -44-

❑ Location ⇒ [page 4](#)

10 - Earth point (audio), under centre console, front -610-

❑ Location ⇒ [page 6](#)

11 - Earth point, next to steering column -42-

❑ Location ⇒ [page 3](#)

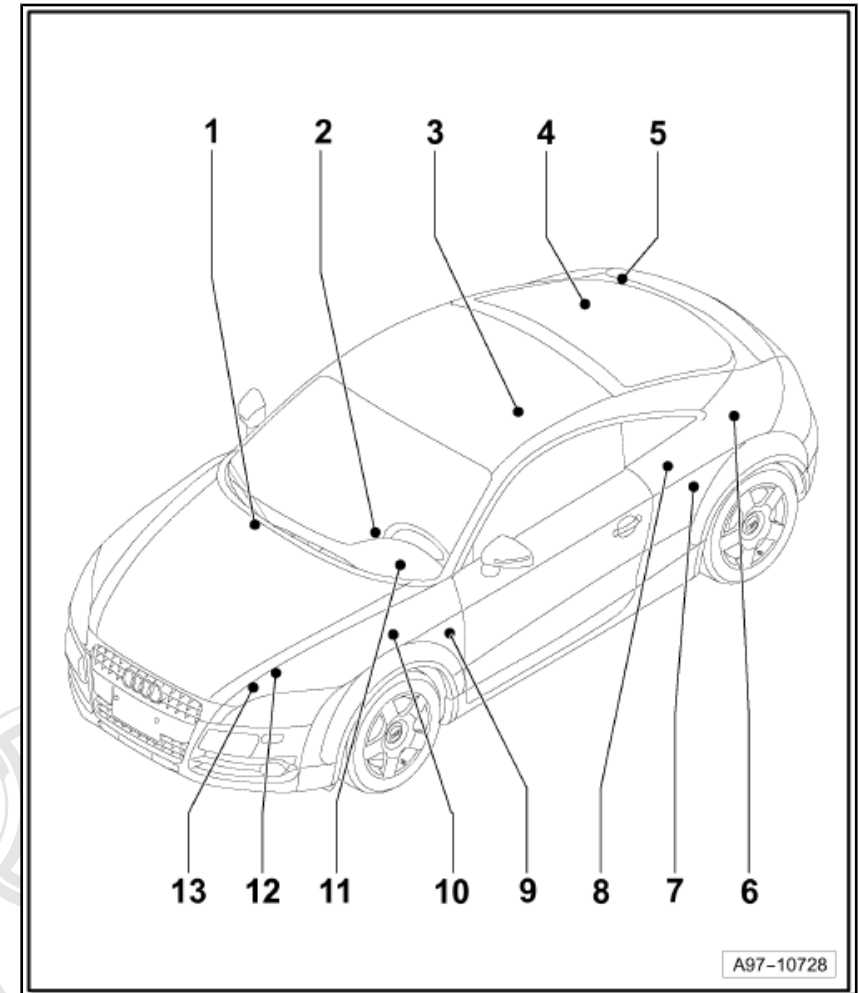
12 - Earth point 1, on front of left longitudinal member -671-

❑ Location ⇒ [page 8](#)

❑ Routing earth cable gearbox-body ⇒ [page 8](#)

13 - Earth point 2, on front of left longitudinal member -672-

❑ Location ⇒ [page 8](#)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

40 - Earth point in vehicle interior, under rear right seat -arrow-

◆ Torque: 9 Nm



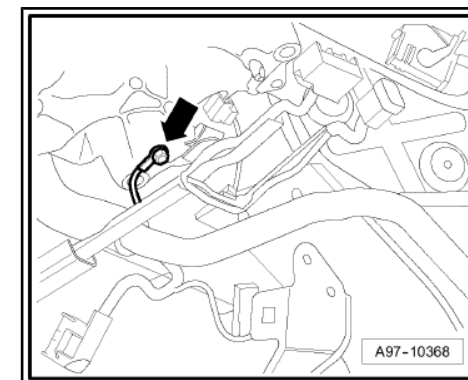
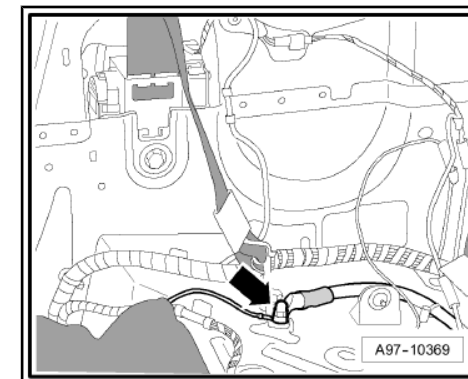
Notes:

◆ *Note(s):*

◆ *For Roadster, the earth point is located under the convertible roof box.*

42 - Earth point, next to steering column -arrow-

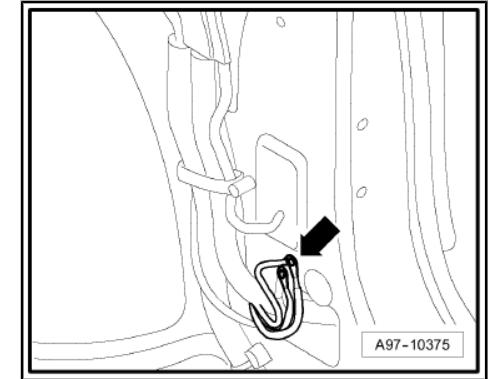
◆ Torque: 9 Nm



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

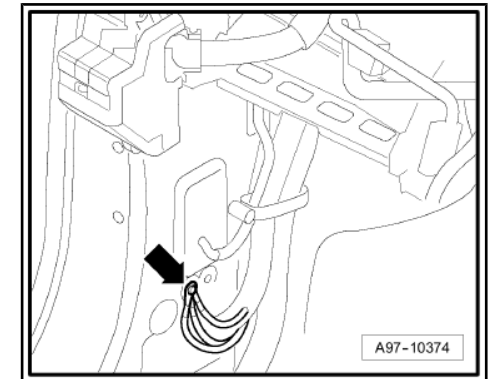
43 - Earth point in vehicle interior, lower part of right A-pillar - arrow-

◆ Torque: 9 Nm



44 - Earth point in vehicle interior, lower part of left A-pillar -arrow-

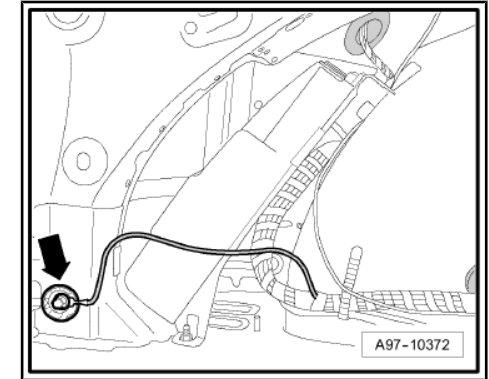
◆ Torque: 9 Nm



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

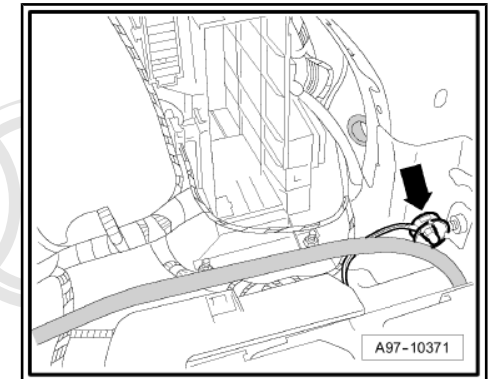
50 - Earth point, on left in luggage compartment -arrow-

◆ Torque: 9 Nm



51 - Earth point, on right in luggage compartment -arrow-

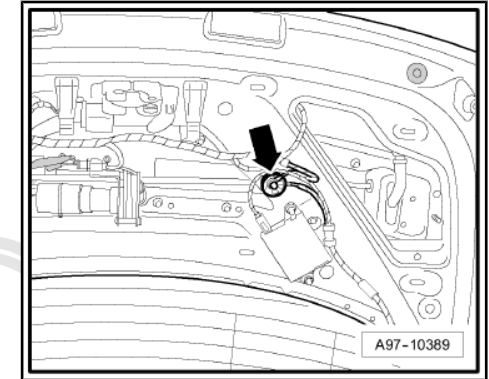
◆ Torque: 9 Nm



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

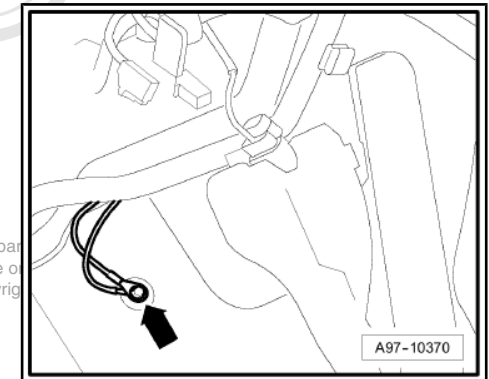
53 - Earth point, on right in rear lid -arrow-

◆ Torque: 9 Nm



610 - Earth point (audio) in vehicle interior, under centre console, front -arrow-

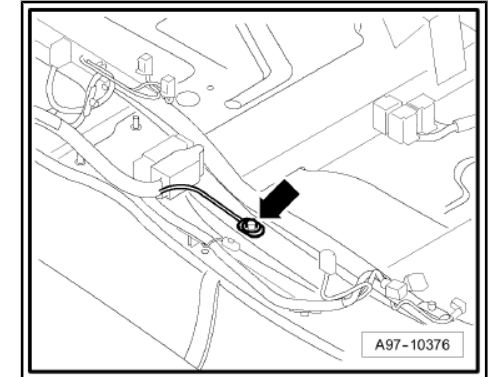
◆ Torque: 9 Nm



Protected by copyright. Copying for private or commercial purposes, in part or in full, is prohibited without the written permission of AUDI AG. AUDI AG does not guarantee the correctness of information in this document. Copyright © 2008 AUDI AG.

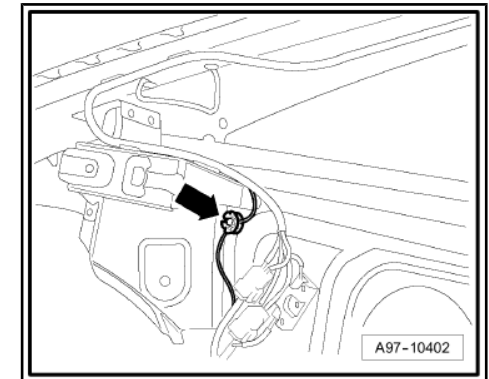
637 - Earth point in vehicle interior, airbag control unit -arrow-

◆ Torque: 9 Nm



662 - Earth point, rear left side panel (Coupé) -arrow-

◆ Torque: 9 Nm



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

671 - Earth point 1 in engine compartment, on front of left longitudinal member -arrow 1-

◆ Torque: 20 Nm

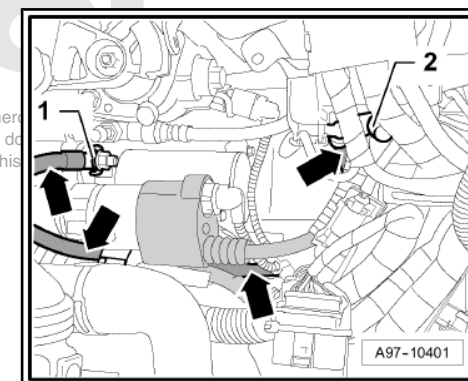
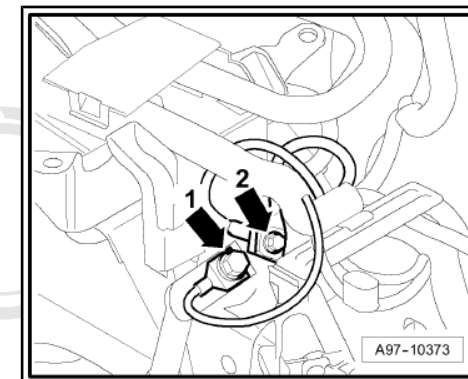
672 - Earth point 2, on front left longitudinal member -arrow 2-

◆ Torque: 9 Nm

Routing: Earth cable gearbox-body -arrows-

1 - Connection on earth point, on gearbox -14-

2 - Connection on earth point 1, on front of left longitudinal member -671-



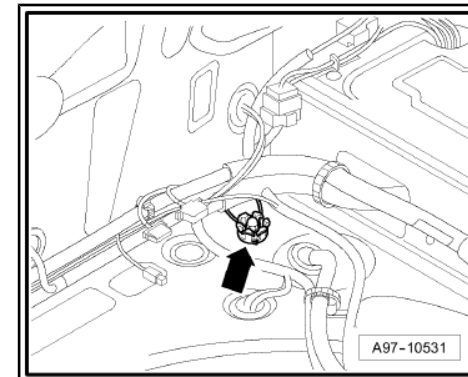
Protected by copyright. Copying for private or commercial use is not permitted unless authorised by AUDI AG. AUDI AG does not accept any responsibility with respect to the correctness of information in this document.

676 - Earth point 2, on left in luggage compartment (Roadster) - arrow-

◆ Torque: 9 Nm

Audi

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1 Control units

1.1 Control units overview

1 - ABS control unit -J104-

- ☐ Location ⇒ [page 2](#)
- ☐ Connector assignment ⇒ [page 3](#)

2 - Engine control unit -J623-

- ☐ Location ⇒ [page 4](#)
- ☐ Connector assignment ⇒ [page 5](#)
- ☐ 3.2l V6-engine, connector assignment ⇒ [page 6](#)

3 - Front passenger door control unit -J387-

- ☐ Location ⇒ [page 13](#)
- ☐ Connector assignment ⇒ [page 14](#)

4 - Electronically controlled damping control unit -J250-

- ☐ Location ⇒ [page 16](#)
- ☐ Connector assignment ⇒ [page 17](#)

5 - Parking aid control unit -J446-

- ☐ Location ⇒ [page 7](#)
- ☐ Connector assignment ⇒ [page 8](#)

6 - Convenience system central control unit -J393-

- ☐ Location ⇒ [page 9](#)
- ☐ Connector assignment ⇒ [page 10](#)
- ☐ is dropped from May 2009

7 - Convertible roof actuation control unit -J256- (Roadster)

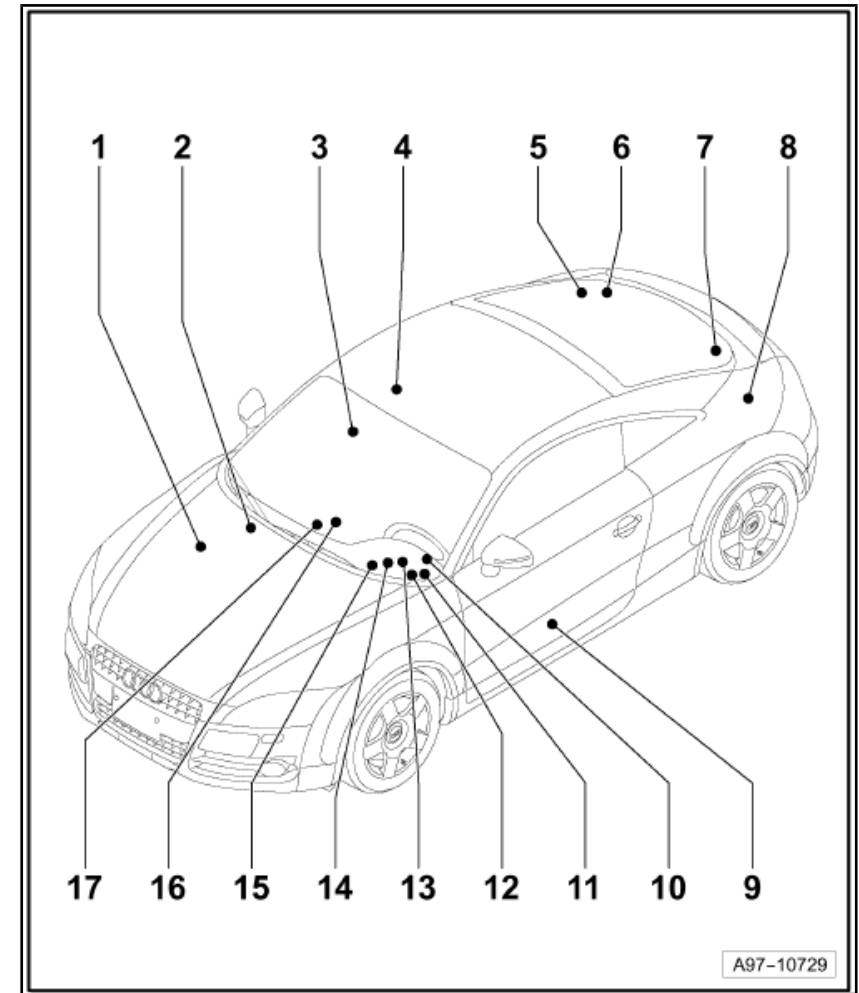
- ☐ Location ⇒ [page 15](#)

8 - Digital sound package control unit -J525-

- ☐ Location ⇒ [page 15](#)

9 - Driver door control unit -J386-

- ☐ Location ⇒ [page 11](#)
- ☐ Connector assignment ⇒ [page 12](#)



10 - Steering column electronics control unit -J527-

- ☐ Connector assignment ⇒ [page 18](#)

11 - Onboard supply control unit -J519-

- ☐ Location, up to May 2009 ⇒ [page 22](#)
- ☐ Connector assignment, up to May 2009 ⇒ [page 23](#)
- ☐ Location, from June 2009 ⇒ [page 24](#)
- ☐ Connector assignment, from June 2009 ⇒ [page 25](#)

12 - Tyre pressure monitor control unit 2 -J793-

- ☐ Location ⇒ [page 32](#)

13 - Control unit in dash panel insert -J285-

- ☐ Location ⇒ [page 26](#)

14 - Headlight range control, control unit -J431-

- ☐ Location ⇒ [page 27](#)
- ☐ Connector assignment ⇒ [page 28](#)

15 - Data bus diagnostic interface -J533-

- ☐ Location ⇒ [page 26](#)

16 - Airbag control unit -J234-

- ☐ Location ⇒ [page 29](#)
- ☐ Connector assignment ⇒ [page 30](#)

17 - CD changer -R41-

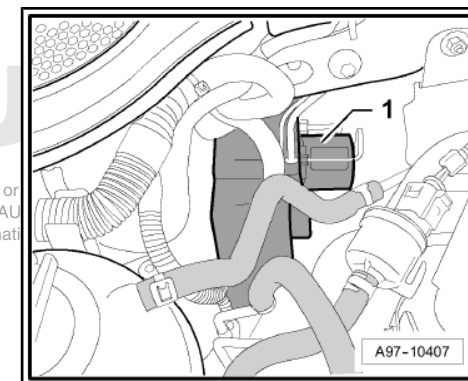
1.2 ABS control unit -J104-

1.2.1 Location:

in engine compartment on right in bulkhead -Item 1-



Protected by copyright. Copying for private or permitted unless authorised by AUDI AG. AU with respect to the correctness of informati

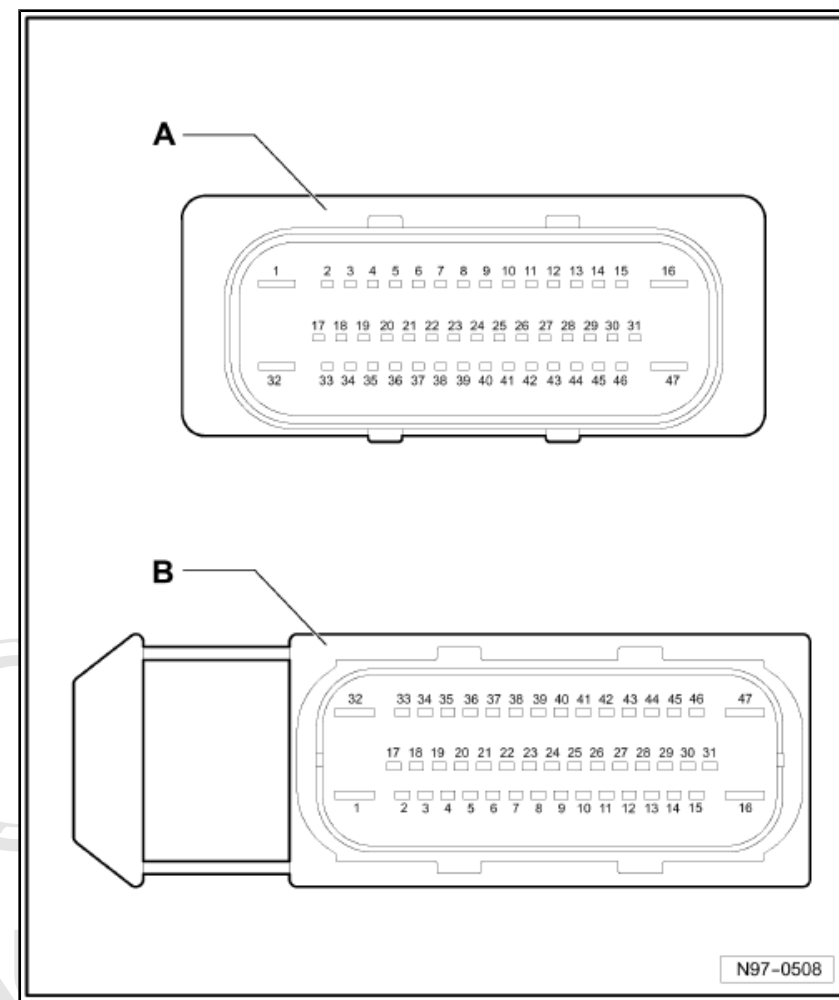


1.2.2 Connector assignment of ABS control unit -J104-

A - ABS control unit -J104- (with ESP only)

Pin connector

B - 47-pin connector -T47- , on wiring harness, black

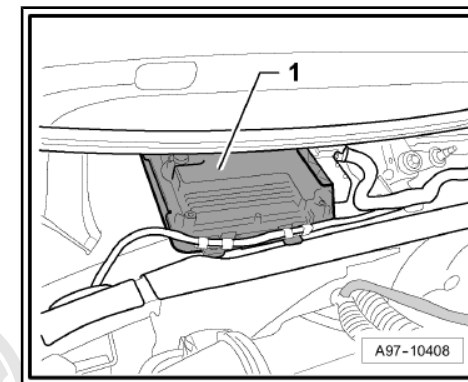


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.3 Engine control unit -J623-

1.3.1 Location:

in plenum chamber -Item 1-



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

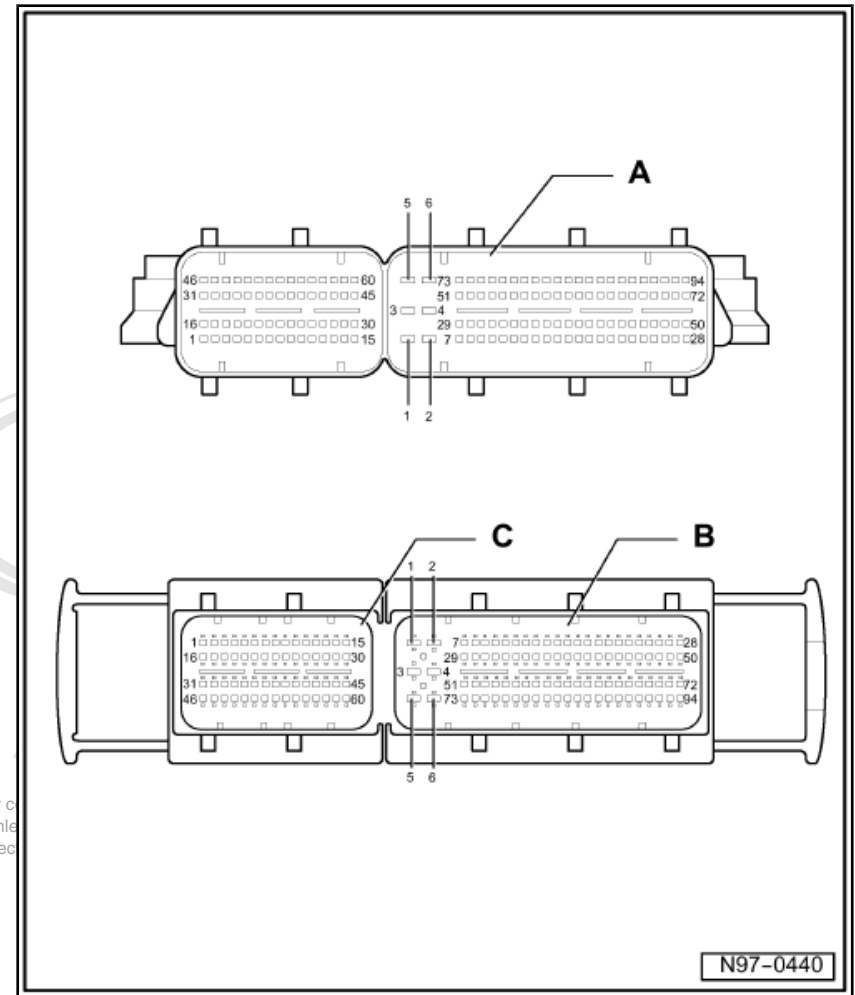
1.3.2 Connector assignment of engine control unit -J623-

A - Engine control unit -J623-

Pin connector

B - 94-pin connector -T94- , on wiring harness

C - 60-pin connector -T60- , on wiring harness

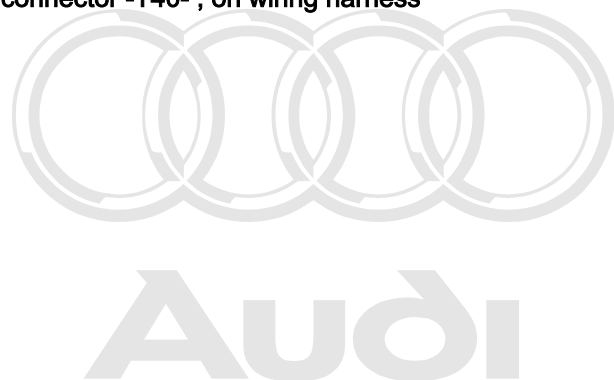


A -
Engine control unit -J623- , 3.2 I V6

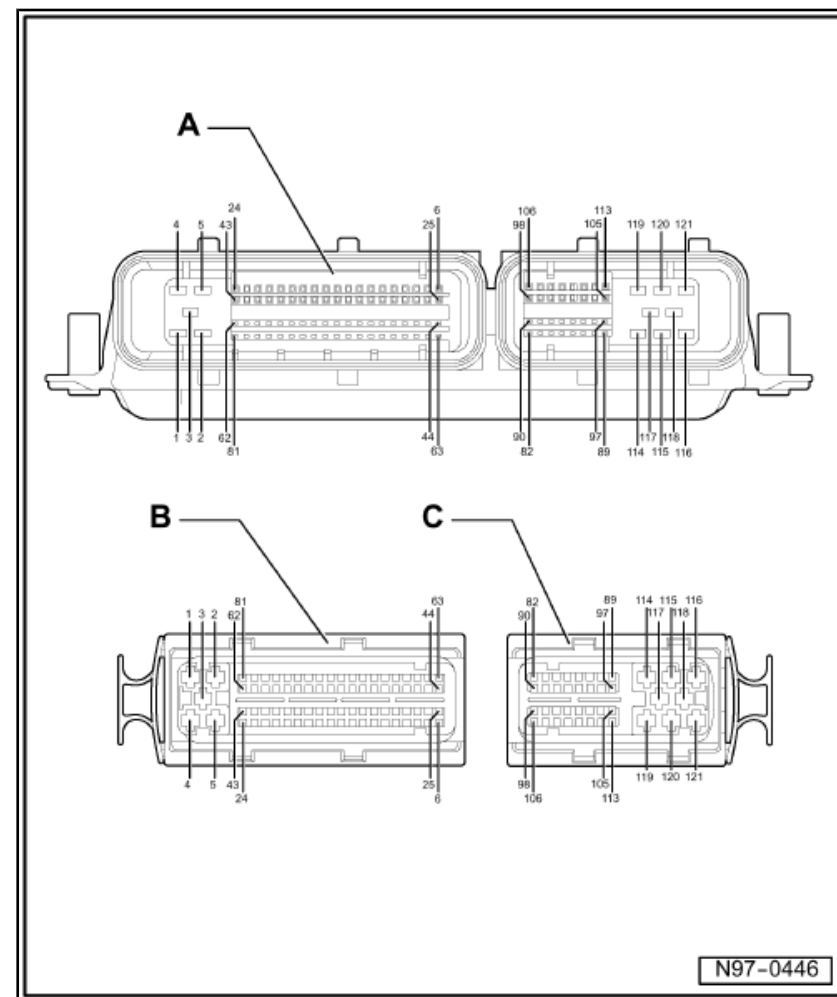
Pin connector

B - 81-pin connector -T81- , on wiring harness

C - 40-pin connector -T40- , on wiring harness



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.4 Parking aid control unit -J446-

1.4.1 Location:

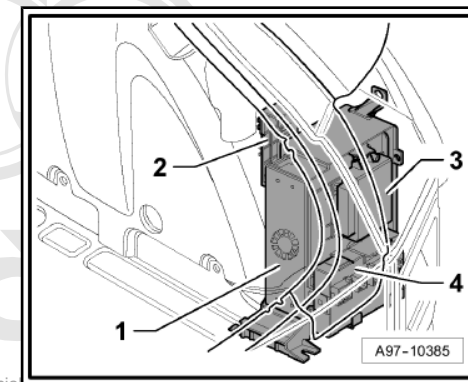
on right in luggage compartment -Item 3-

1 - TV tuner -R78-

2 - Fuse holder on right in luggage compartment

3 - Parking aid control unit -J446-

4 - Convenience system central control unit -J393- (up to May 2009)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

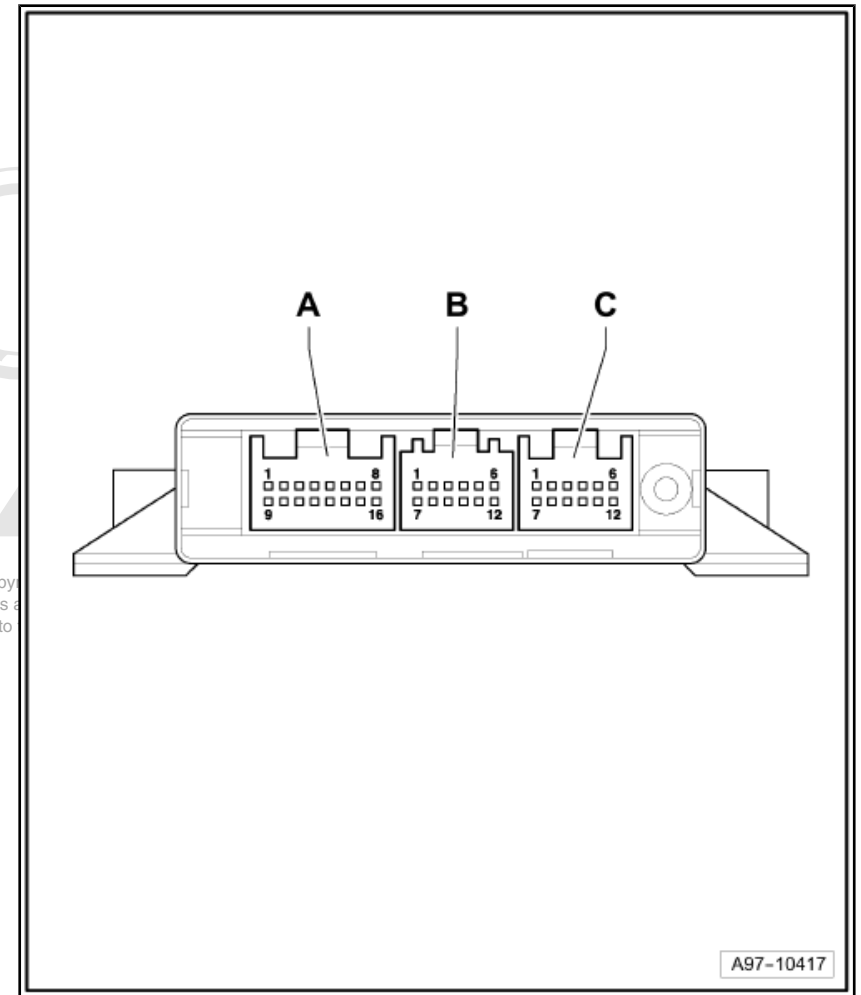
1.4.2 Connector assignment of parking aid control unit -J446-

A - 16-pin connector -T16e- , on wiring harness brown

B - Vacant

C - 12-pin connector -T12I- , on wiring harness, black

Protected by copyright
permitted unless a
with respect to



1.5 Convenience system central control unit -J393- (up to May 2009)

1.5.1 Location:

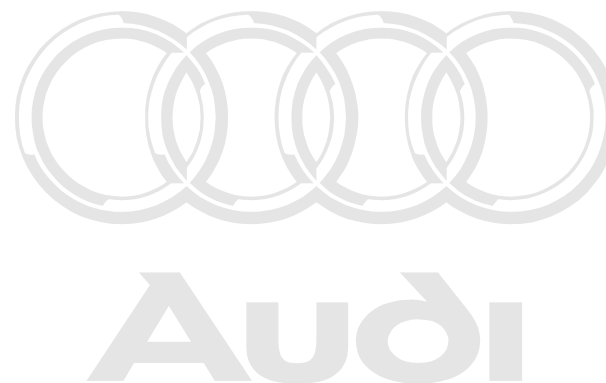
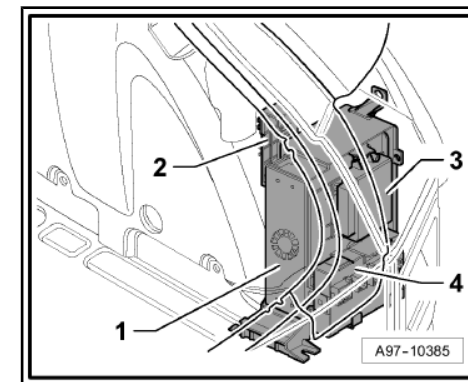
on right in luggage compartment -Item 4-

1 - TV tuner -R78-

2 - Fuse holder on right in luggage compartment

3 - Parking aid control unit -J446-

4 - Convenience system central control unit -J393- (up to May 2009)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.5.2 Connector assignment of convenience system central control unit -J393-

A - Convenience system central control unit -J393-

Pin connector

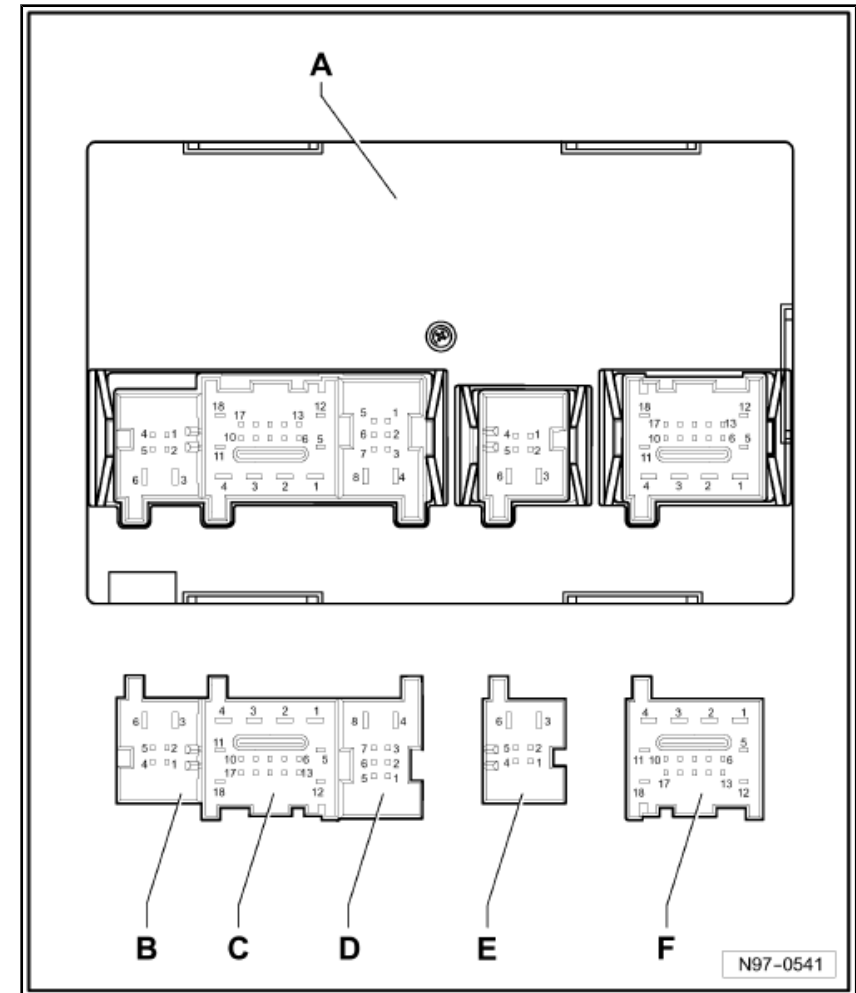
B - Vacant

C - 18-pin connector -T18g- , on wiring harness brown

D - 8-pin connector -T8g- , on wiring harness, black

E - 6-pin connector -T6g- , on wiring harness, black

F - 18-pin connector -T18f- , on wiring harness, black



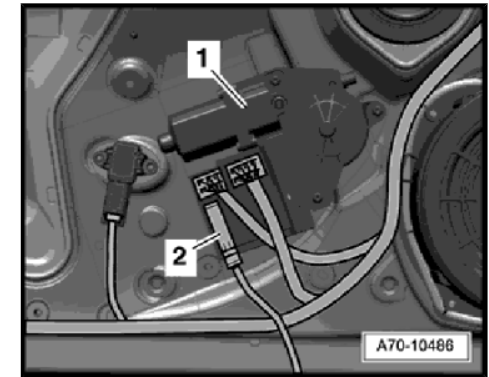
1.6 Driver door control unit -J386-

1.6.1 Location:

in driver door

1 - Driver door control unit -J386-

2 - Pin connectors



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.6.2 Connector assignment of driver side door control unit -J386-

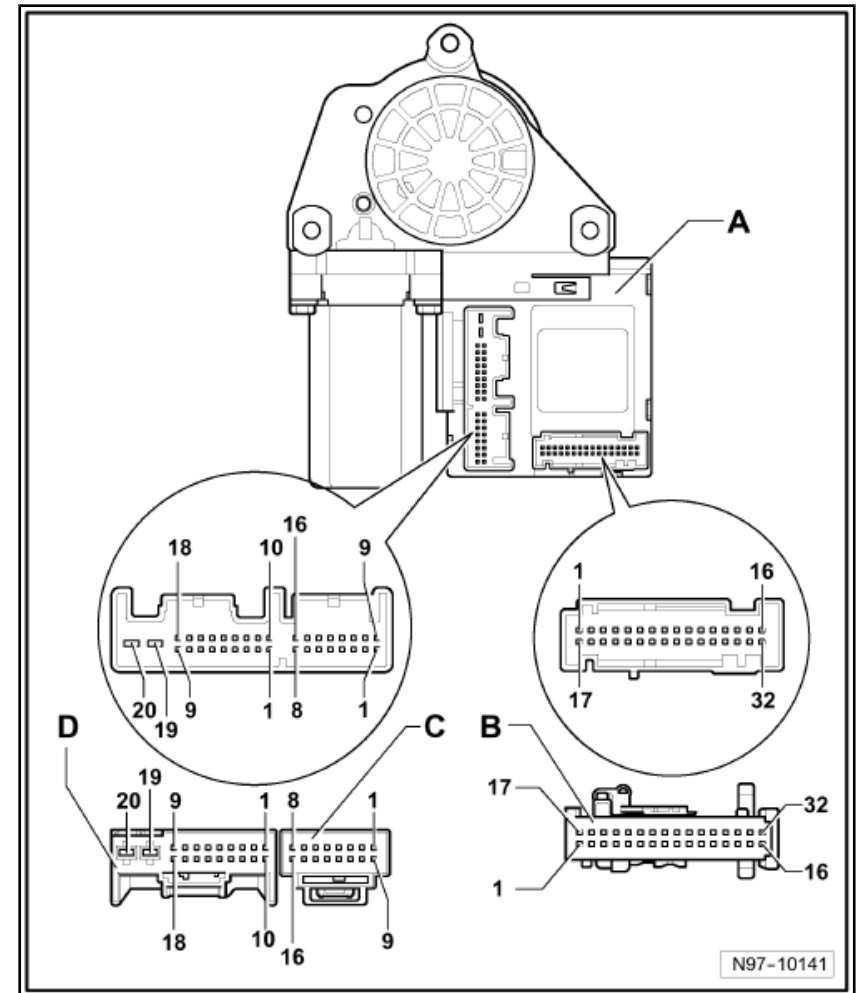
A - Driver door control unit -J386-

Pin connector

B - 32-pin connector -T32f- , on wiring harness grey

C - 16-pin connector -T16f- , on wiring harness, black

D - 20-pin connector -T20f- , on wiring harness, black



1.7 Front passenger door control unit -J387-

1.7.1 Location:

in front passenger door

1 - Front passenger door control unit -J387-

2 - Pin connectors

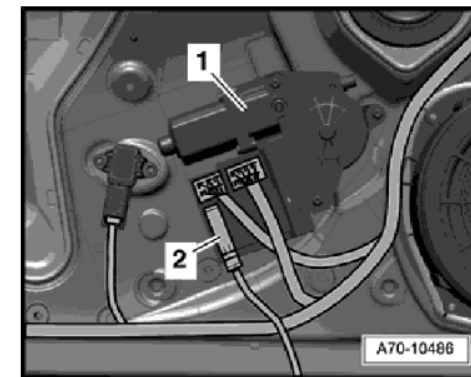


Note

The illustration shows the left side. The right side is similar.



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.7.2 Connector assignment of front passenger door control unit -J387-

A - Front passenger door control unit -J387-

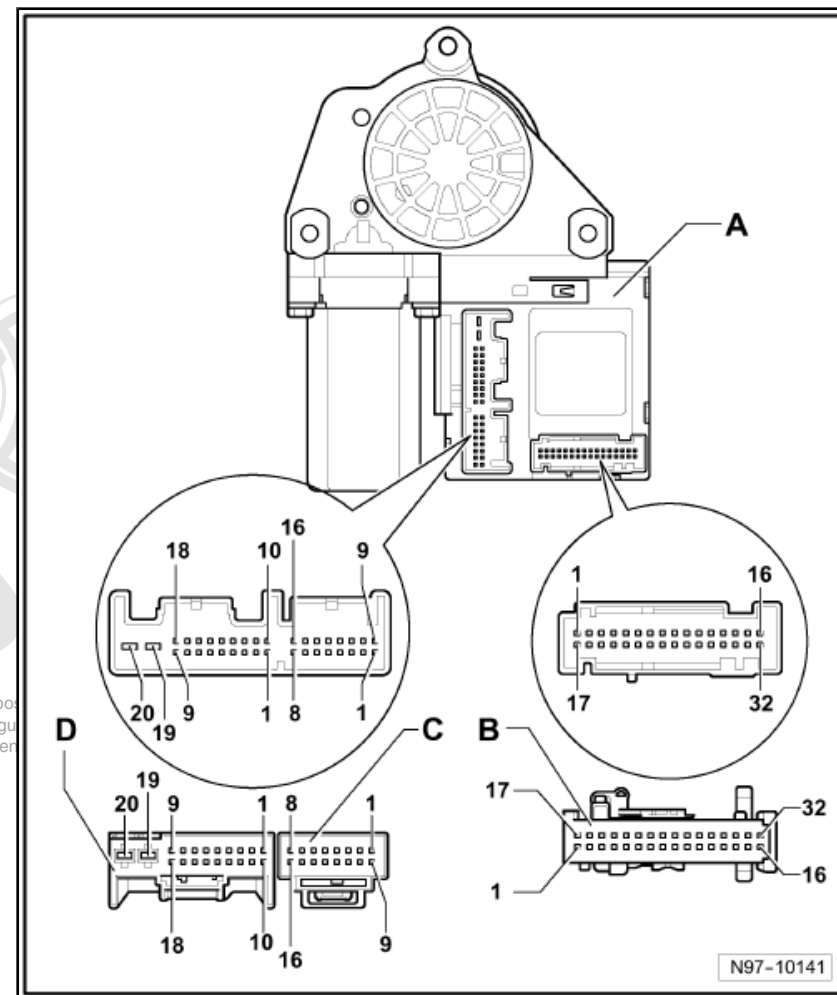
Pin connector

B - 32-pin connector -T32g- , on wiring harness grey

C - 16-pin connector -T16g- , on wiring harness, black

D - 20-pin connector -T20g- , on wiring harness, black

Protected by copyright. Copying for private or commercial purposes is permitted unless authorised by AUDI AG. AUDI AG does not guarantee with respect to the correctness of information in this document.



1.8 Convertible roof actuation control unit -J256- (Roadster)

1.8.1 Location:

in insert luggage compartment -Item 6-

1 - Aerial amplifier for mobile telephone -R86- (not USA)

- Satellite radio -R146- (only USA)

2 - Breakdown set

3 - Towline anchorage

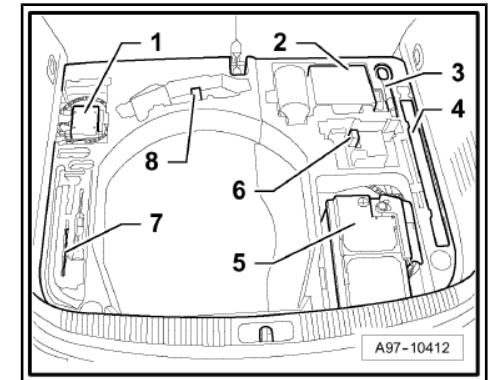
4 - Warning triangle

5 - Battery -A-

6 - Convertible roof actuation control unit -J256- (only Roadster)

7 - Tools

8 - Jack



1.9 Digital sound package control unit -J525-

1.9.1 Location:

on left in luggage compartment -Item 1-

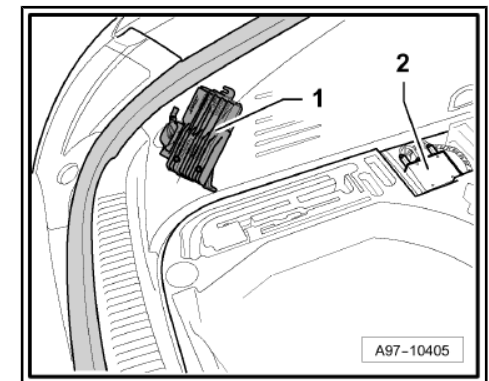
1 - Digital sound package control unit -J525-

2 - Satellite radio -R146- (only USA)

- Aerial amplifier for mobile telephone -R86- (not USA)

- Aerial filter -R87- (only USA, up to October 2006)

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.10 Electronically controlled damping control unit -J250-

1.10.1 Location:

under front passenger seat -Item 5-

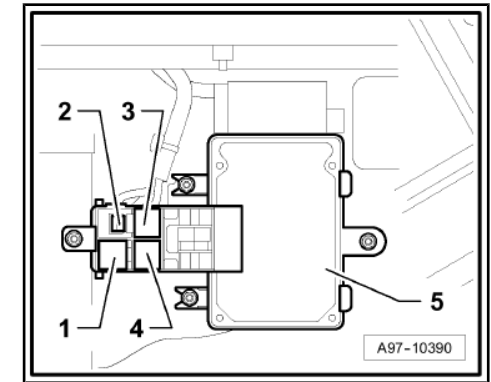
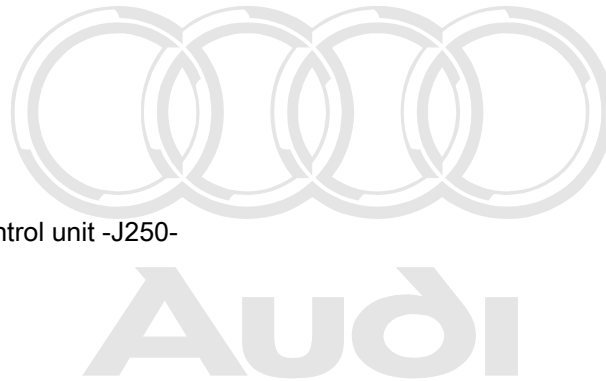
1 - 10-pin connector -T10i- , black

2 - 3-pin connector -T3d- , yellow

3 - 6-pin connector -T6e- , green

4 - 10-pin connector -T10g- , red

5 - Electronically controlled damping control unit -J250-

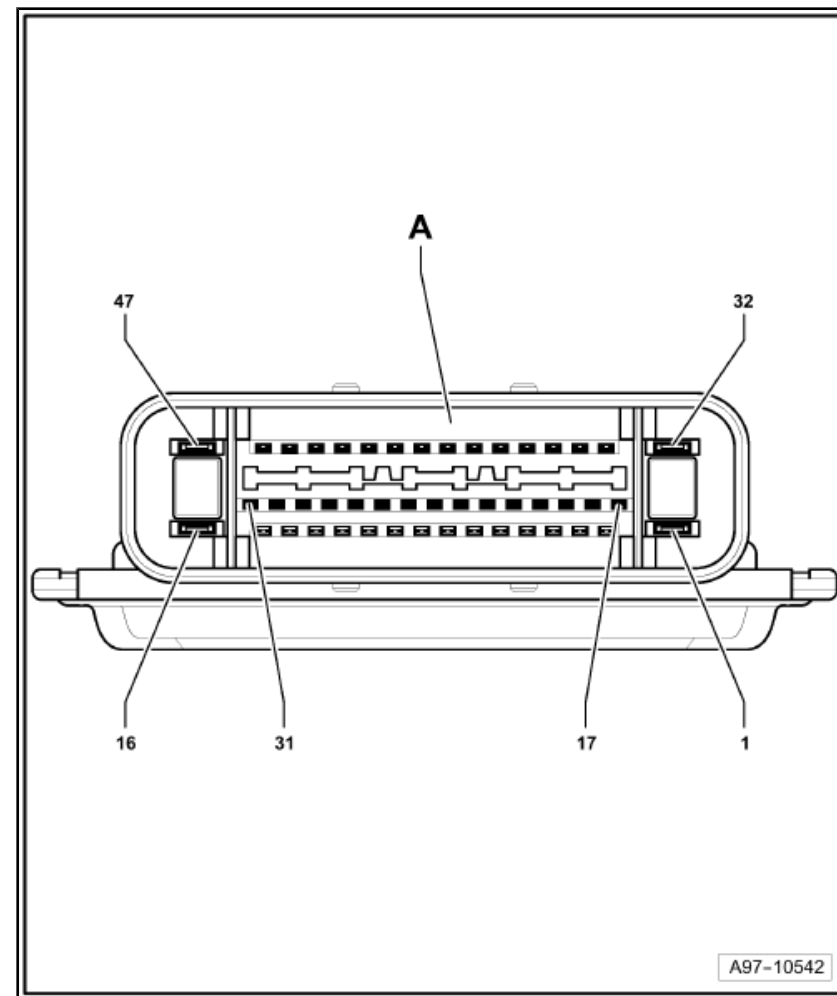


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.10.2 Connector assignment of electronically controlled damping control unit -J250-

A - Electronically controlled damping control unit -J250-

A - 47-pin connector -T47- , on wiring harness, black



1.11 Steering column electronics control unit -J527-

1.11.1 Connector assignment of steering column electronics control unit -J527-

1.11.2 Pin connectors

A - Vacant

B - 10-pin connector -T10ab- - mounting turn signal switch -E2- / cruise control system switch -E45- / headlight dipper/flasher switch -E4- / cruise control system (CCS) SET button -E227-

❑ Connector assignment ⇒ [page 19](#)

C - 20-pin connector -T20c- , black

❑ Connector assignment ⇒ [page 19](#)

D - 4-pin connector -T4d- , yellow

❑ Connector assignment ⇒ [page 20](#)

E - 12-pin connector -T12i- - mounting ignition/starter switch -D- / ignition key withdrawal lock solenoid -N376-

❑ Connector assignment ⇒ [page 20](#)

F - 8-pin connector -T8f- - intermittent wiper switch -E22- / washer pump switch (automatic wash/ wipe and headlight washer system) -E44- / intermittent wiper regulator -E38- / multifunction display call-up button -E86-

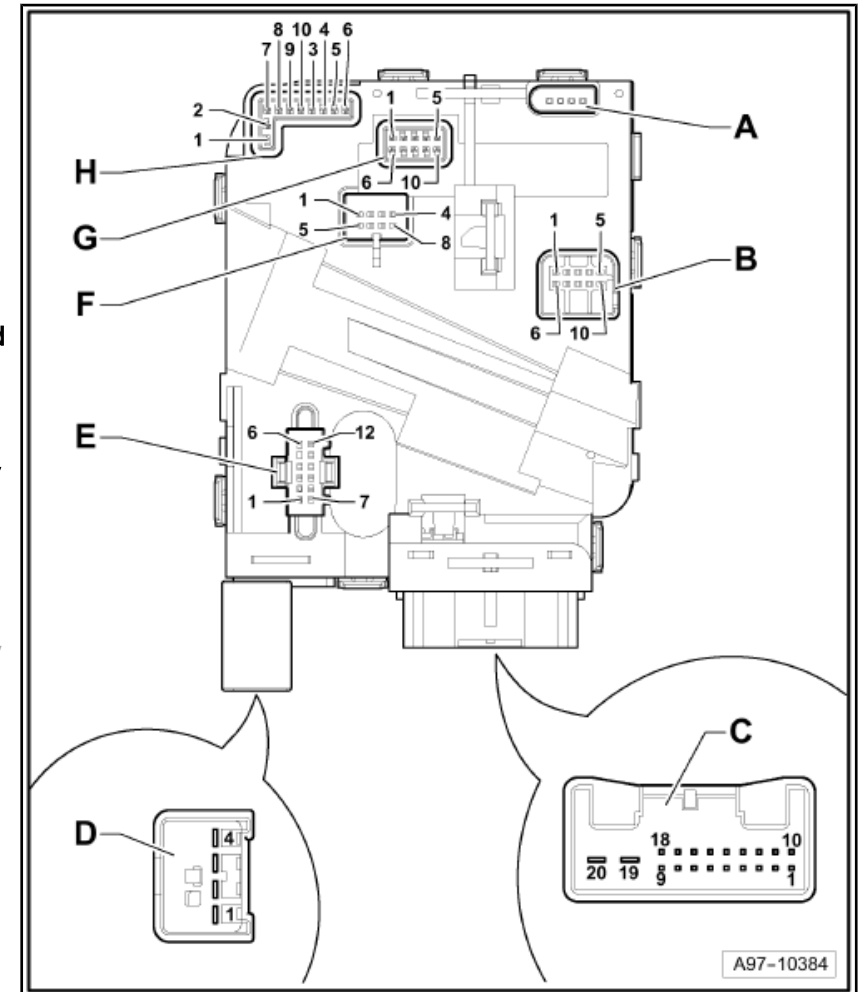
❑ Connector assignment ⇒ [page 20](#)

G - 10-pin connector -T10ag- - steering angle sender -G85-

❑ Connector assignment ⇒ [page 21](#)

H - 10-pin connector -T10ah- - airbag coil connector and return spring with slip ring -F138-

❑ Connector assignment ⇒ [page 21](#)

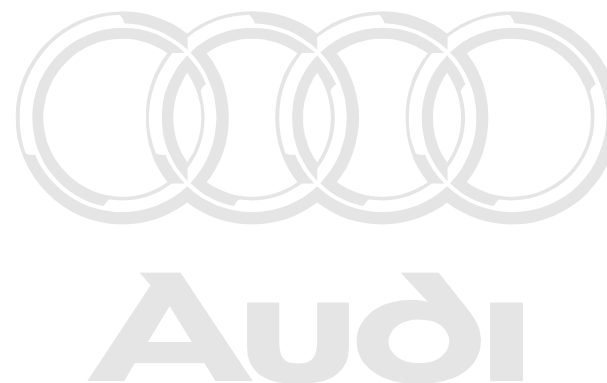


1.11.3 B - 10-pin connector -T10ab- - mounting turn signal switch -E2- / cruise control system switch -E45- / headlight dipper/flasher switch -E4- / cruise control system (CCS) SET button -E227-

- 1 - Cruise control system, terminal 15
- 2 - CCS off
- 3 - Res (+), Set (-)
- 4 - CCS on/off
- 5 - Cruise control system, terminal 31
- 6 - Cruise control system, terminal 58
- 7 - Flasher
- 8 - Main beam
- 9 - Turn signal
- 10 - Turn signal terminal 31

1.11.4 C - 20-pin connector -T20c- , black

- 1 - Vacant
- 2 - Vacant
- 3 - Vacant
- 4 - Vacant
- 5 - Vacant
- 6 - Vacant
- 7 - Vacant
- 8 - Vacant
- 9 - Vacant
- 10 - Vacant
- 11 - Data bus diagnostic interface -J533- CAN bus, low (drive train)
- 12 - Data bus diagnostic interface -J533- CAN bus, high (drive train)
- 13 - CCS in detent off
- 14 - Data bus diagnostic interface -J533- CAN-bus high (convenience)
- 15 - Data bus diagnostic interface -J533- CAN-bus low (convenience)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

16 - Multifunction switch

17 - Terminal 15

18 - Terminal 50

19 - Terminal 30

20 - Terminal 31

1.11.5 D - 4-pin connector -T4d- , yellow

1 - Airbag 1 -

2 - Airbag 1 +

3 - Airbag 2 +

4 - Airbag 2 -

1.11.6 E - 12-pin connector -T12i- - mounting ignition/starter switch -D- / ignition key withdrawal lock solenoid -N376-

1 - Vacant

2 - Vacant

3 - Ignition key withdrawal lock solenoid -N376- , Terminal 30

4 - Ignition key withdrawal lock solenoid -N376- , Terminal 31

5 - Vacant

6 - Vacant

7 - Terminal 50

8 - Terminal 30

9 - Terminal S

10 - terminal X

11 - Terminal P

12 - Terminal 15

1.11.7 F - 8-pin connector -T8f- - intermittent wiper switch -E22- / washer pump switch (automatic wash/wipe and headlight washer system) -E44- / intermittent wiper regulator -E38- / multifunction display call-up button -E86-

1 - Wiper switch signal

2 - Wiper, terminal 31

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability

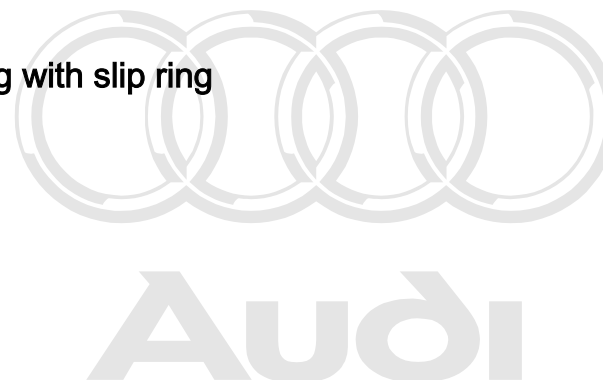
- 3 - Vacant
- 4 - Vacant
- 5 - MFA signal
- 6 - MFI, interval potentiometer terminal 31
- 7 - Intermittent operation speeds signal
- 8 - Vacant

1.11.8 G - 10-pin connector -T10ag- - steering angle sender -G85-

- 1 - Photoelectric beam 5
- 2 - Photoelectric beam 3
- 3 - Photoelectric beam 1
- 4 - 12 V voltage supply
- 5 - 5 V voltage supply
- 6 - Photoelectric beam 6
- 7 - Photoelectric beam 4
- 8 - Photoelectric beam 2
- 9 - Terminal 31
- 10 - Photoelectric beam 7

1.11.9 H - 10-pin connector -T10ah- - airbag coil connector and return spring with slip ring -F138-

- 1 - Vacant
- 2 - Vacant
- 3 - Airbag 1 +
- 4 - Airbag 1 -
- 5 - Airbag 2 +
- 6 - Airbag 2 -
- 7 - Coil connector, multifunction steering wheel and signal horn terminal 31
- 8 - CCS in detent off, signal horn
- 9 - LIN bus, heated steering wheel temperature sensor
- 10 - Multifunction steering terminal 15



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

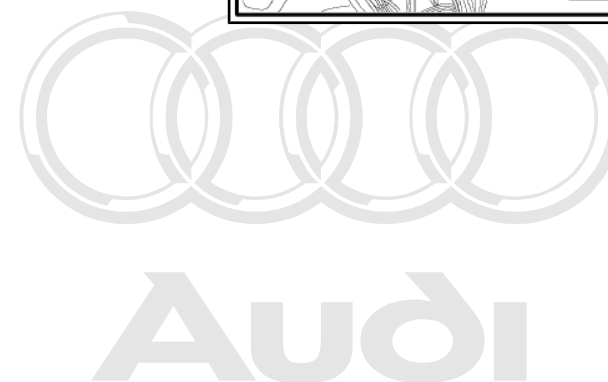
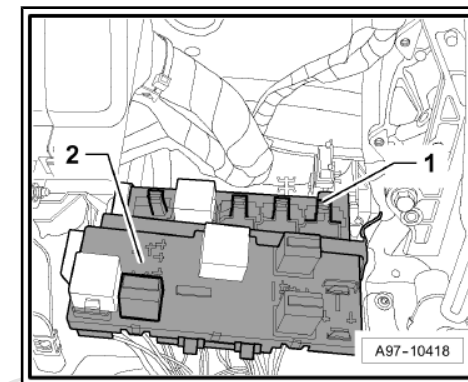
1.12 Onboard supply control unit -J519-

1.12.1 Location, up to May 2009:

Behind the shelf on the driver's side left, next to the steering
-Item 2-

1 - Relay carrier on left under dash panel

2 - Onboard supply control unit -J519-



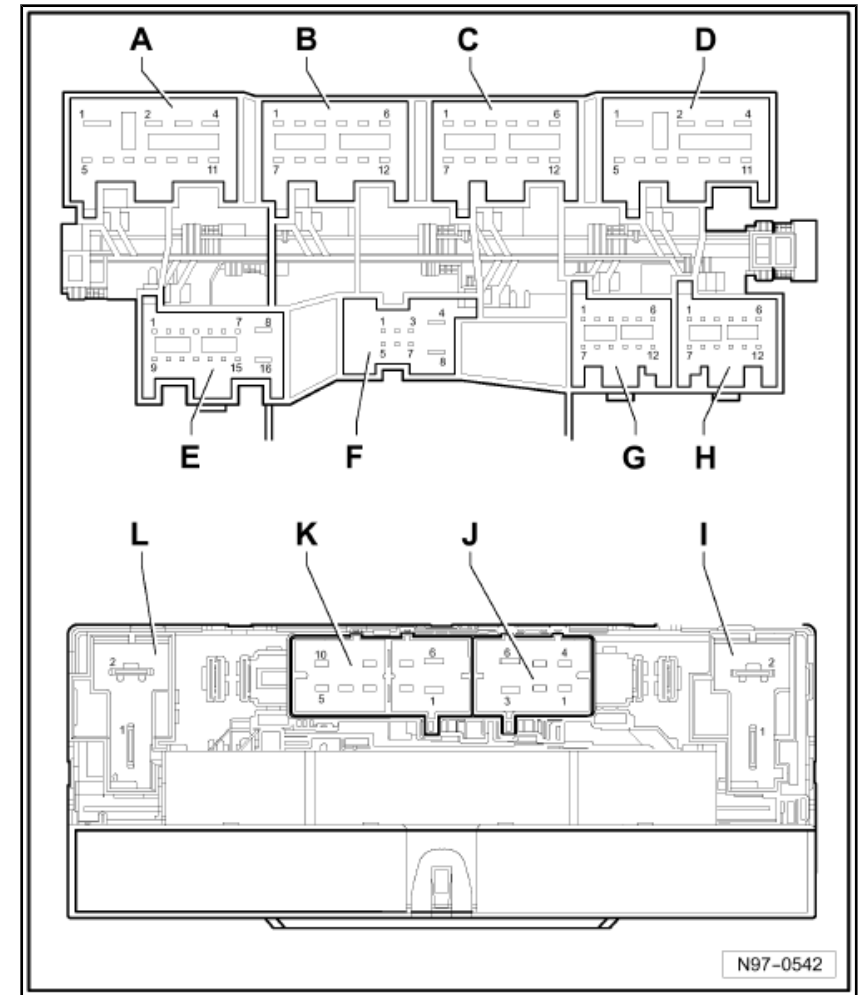
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.12.2 Connector assignment, up to May 2009:

- A - 11-pin connector -T11b- , black
- B - 12-pin connector -T12c- , black
- C - 12-pin connector -T12d- , brown
- D - 11-pin connector -T11c- , brown
- E - 16-pin connector -T16a- , black
- F - 8-pin connector -T8h- , black
- G - 12-pin connector -T12e- , black
- H - Vacant
- I - Vacant
- J - 6-pin connector -T6h- , black
- K - 10-pin connector -T10d- , black
- L - 2-pin connector -T2t- , black



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.12.3 Location, from June 2009:

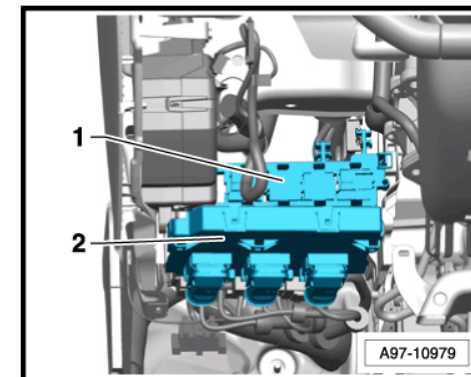
Behind shelf on driver side -Item 2-

1 - Relay carrier on left under dash panel

2 - Onboard supply control unit -J519-

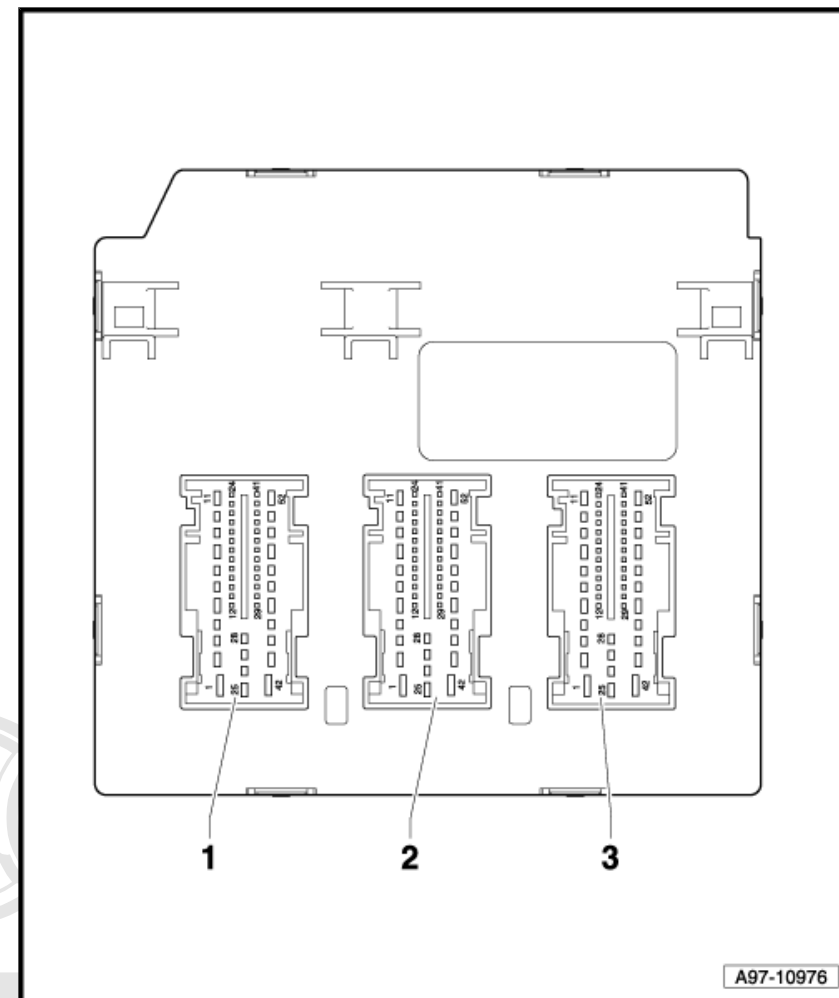


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.12.4 Connector assignment, from June 2009:

- 1 - 52-pin connector -T52a- , black
- 2 - 52-pin connector -T52b- , yellow
- 3 - 52-pin connector -T52c- , brown



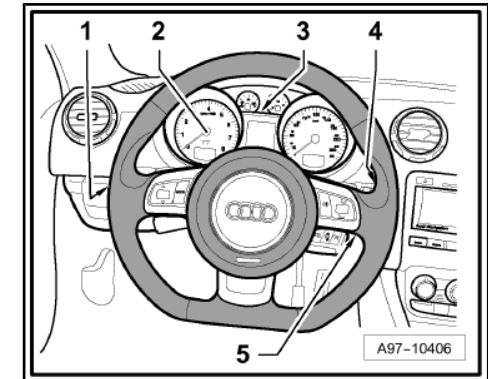
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.13 Control unit in dash panel insert -J285-

1.13.1 Location:

in dash panel insert -Item 2-

- 1 - Onboard supply control unit -J519-
- 1 - Relay carrier on left under dash panel
- 2 - Control unit in dash panel insert -J285-
- 3 - Tyre pressure monitor control unit 2 -J793-
- 4 - Headlight range control, control unit -J431-
- 5 - Data bus diagnostic interface -J533-

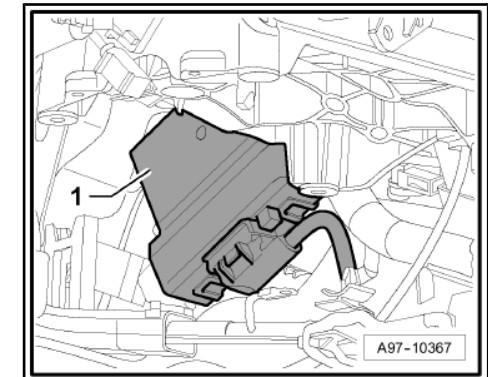


1.14 Data bus diagnostic interface -J533-

1.14.1 Location:

Behind the shelf on the driver's side bottom, next to the steering
-Item 1-

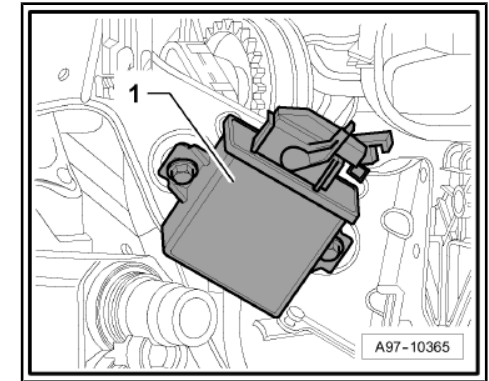
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.15 Headlight range control, control unit -J431-

1.15.1 Location:

Behind the shelf on the driver's side right, next to the steering
-Item 1-



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

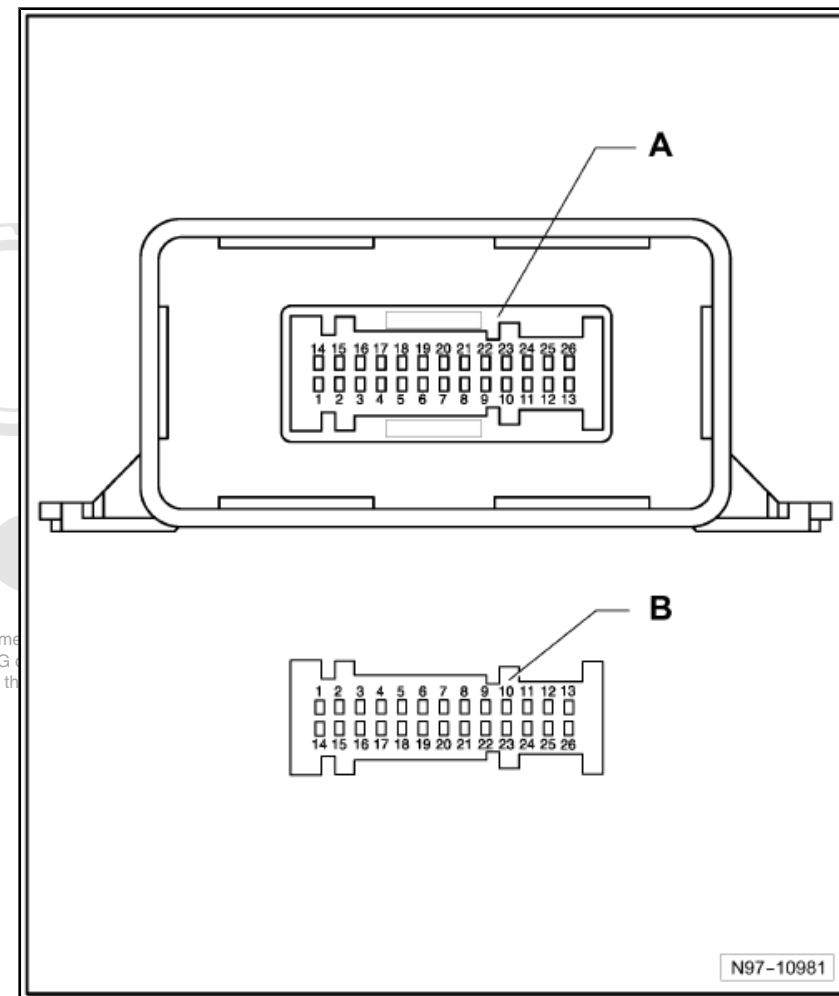
1.15.2 Connector assignment of control unit for headlight range control -J431-

A - Headlight range control, control unit -J431-

Pin connector

B - 26-pin connector -T26a- , black

Protected by copyright. Copying for private or commercial use is not permitted unless authorised by AUDI AG. AUDI AG is not responsible with respect to the correctness of information in this document.



1.16 Airbag control unit -J234-

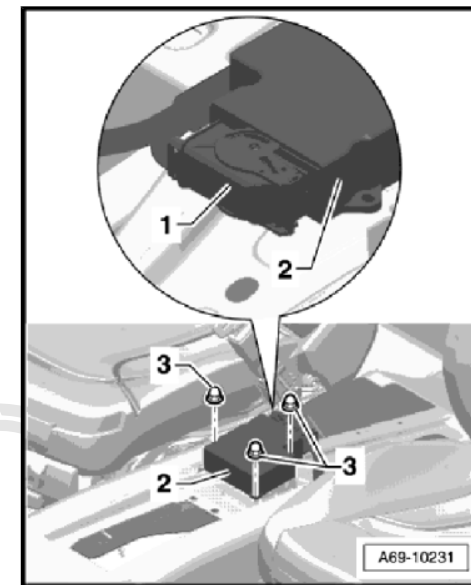
1.16.1 Location:

Under centre console

1 - Pin connector

2 - Airbag control unit -J234-

3 - Nut



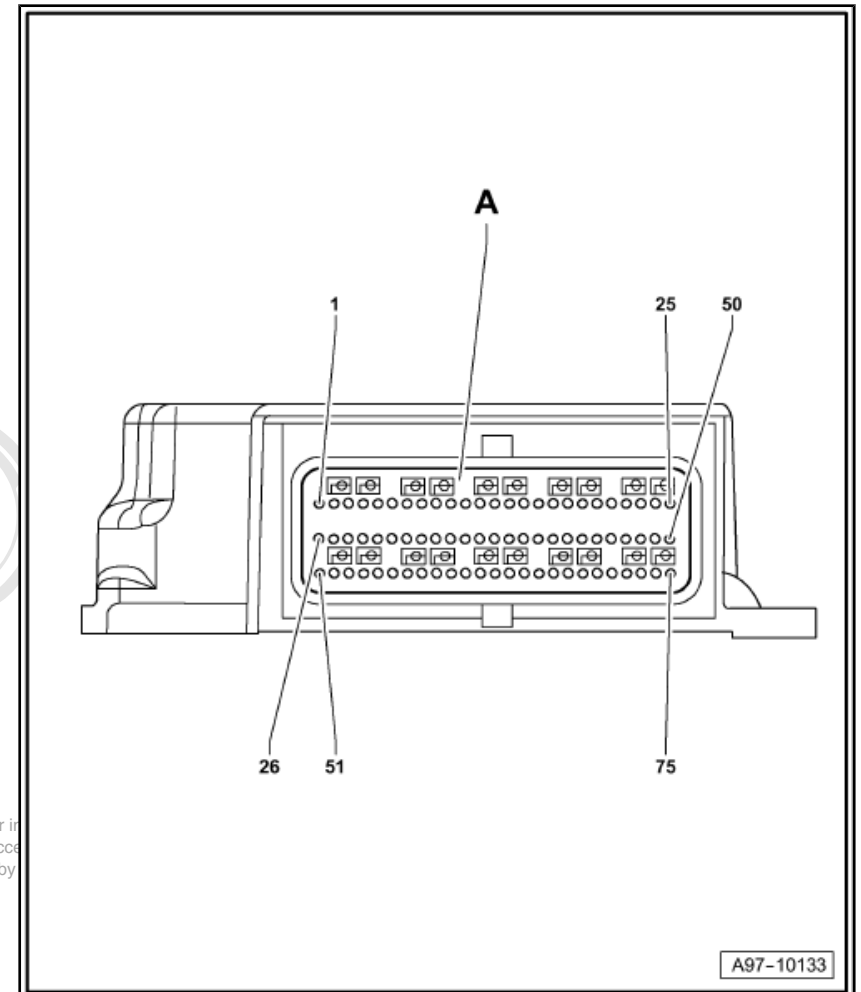
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.16.2 Connector assignment of airbag control unit -J234-

A - 75-pin connector -T75- , yellow



Protected by copyright. Copying for private or commercial purposes, in part or in full, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Audi AG.



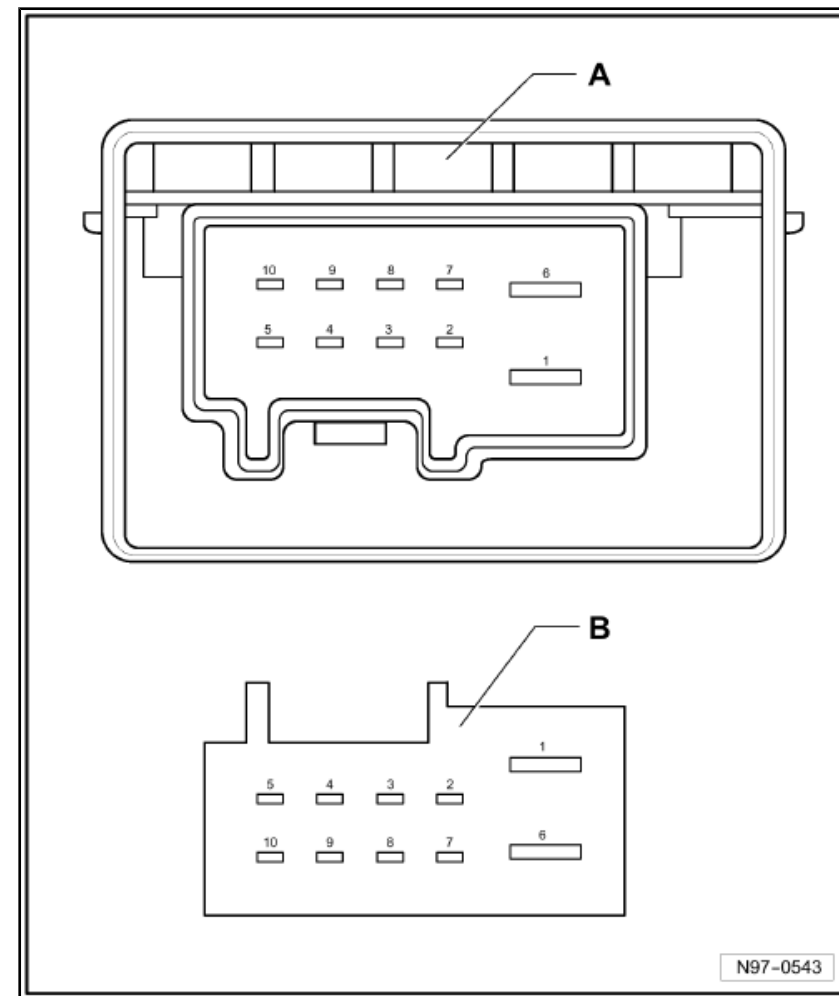
A97-10133

1.17 Fuel pump control unit -J538-

A - Fuel pump control unit -J538-

Pin connector

B - 10-pin connector -T10k- , on wiring harness, black

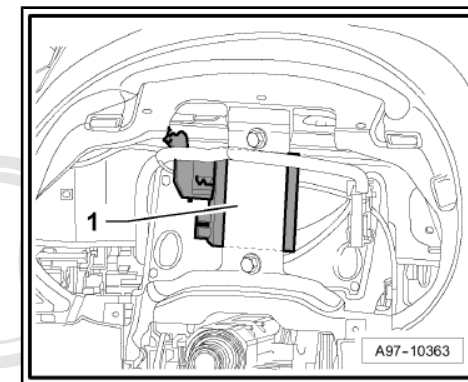


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.18 Tyre pressure monitor control unit 2 -J793-

1.18.1 Location:

Behind the instrument cluster -Item 1-



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1 Relay

1.1 Overview of relay carrier

1 - Relay carrier on left under dash panel

- ☐ Relay positions ⇒ [page 2](#)

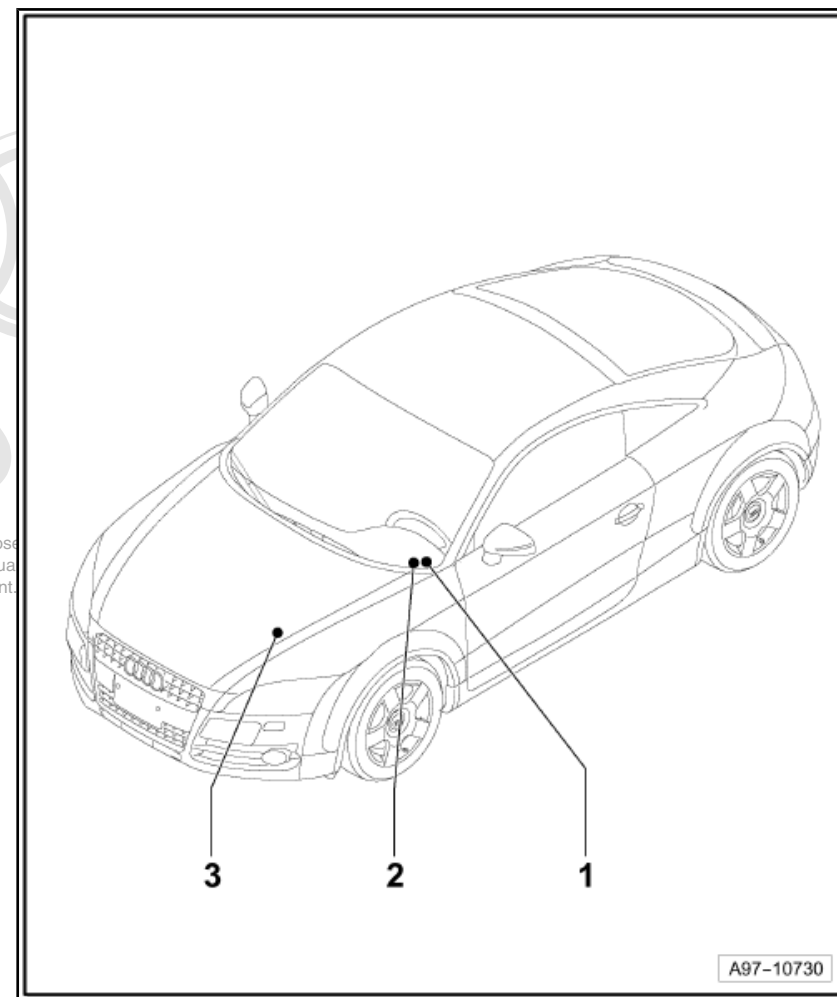
2 - Relay carrier on onboard power supply control unit

- ☐ Left under dash panel
- ☐ Relay positions, up to May 2009 ⇒ [page 4](#)
- ☐ Relay positions, from June 2009 ⇒ [page 5](#)

3 - Relay carrier on electronics box

- ☐ Location in engine compartment, front left
- ☐ Relay positions of electronics box ⇒ [page 3](#)

Protected by copyright. Copying for private or commercial purposes is permitted unless authorised by AUDI AG. AUDI AG does not guarantee the correctness of information in this document.



1.2 Relay positions under left dash panel

1 - Vacant

2.1 - Fuel pump relay -J17-

☐ TDI

2.1 - Control relay -J789-

☐ for engine code CEPA

2.2 - Relay for power sockets -J807-

☐ from June 2007

3 - Vacant

☐ up to August 2008

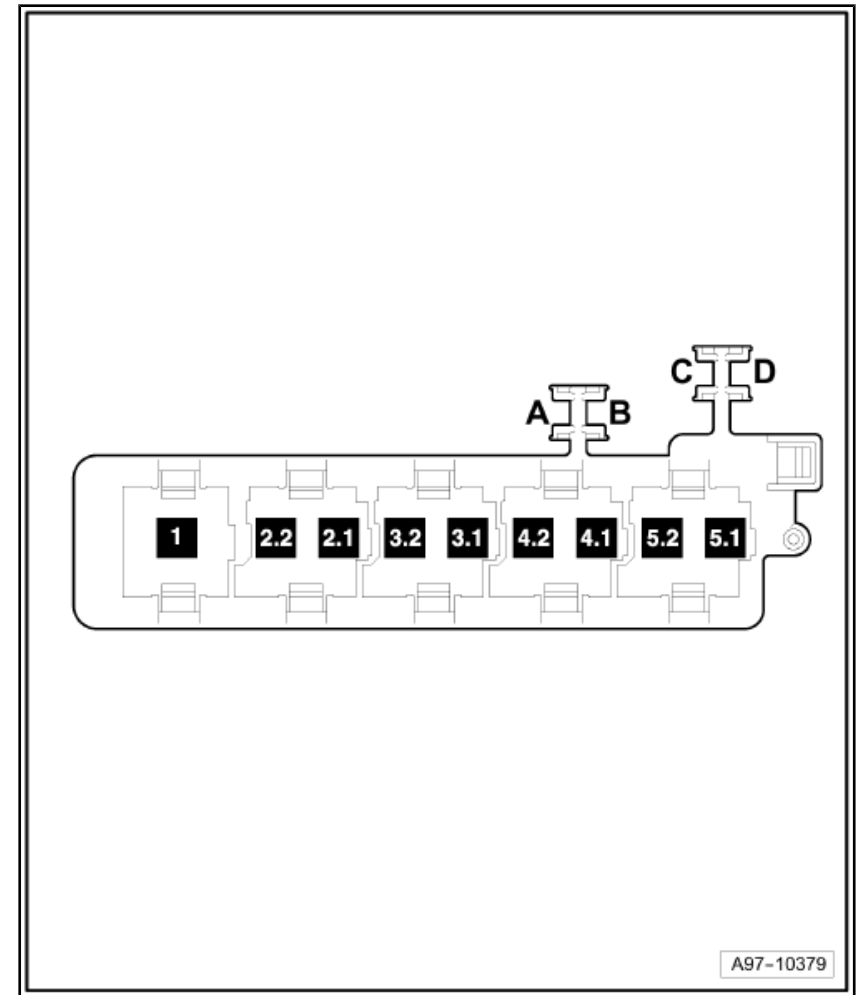
3 - High heat output relay -J360-

☐ from September 2008

4 - Terminal 50 voltage supply relay -J682-

5 - Cabrio windbreak control unit -J531- , windbreak relay

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



1.3 Relay locations on electronics box, engine compartment

1 - Secondary air pump relay -J299-

1 - Low heat output relay -J359-

- ☐ PDC heater (TDI)
- ☐ Plug position 3

2 - Fuel pump relay -J17-

2 - Relay for supplementary fuel pump -J832-

- ☐ TDI
- ☐ Plug position 2.1

3 - Continued coolant circulation relay -J151-

3 - Additional coolant pump relay -J496-

- ☐ for engine code CEPA
- ☐ Plug position 2.2

4 - Electric fuel pump 2 relay -J49-

- ☐ for engine code BUB

4 - Engine component current supply relay -J757-

- ☐ for engine codes BWA, CDMA, CDAA, CCZA, CCTA, CEPA

4 - Automatic glow period control unit -J179-

- ☐ TDI
- ☐ Plug position 5

5 - Motronic current supply relay -J271-

5 - Terminal 30 voltage supply relay -J317-

- ☐ TDI
- ☐ Plug position 4

6 - Headlight washer system relay -J39-

- ☐ Plug position 1, up to May 2009

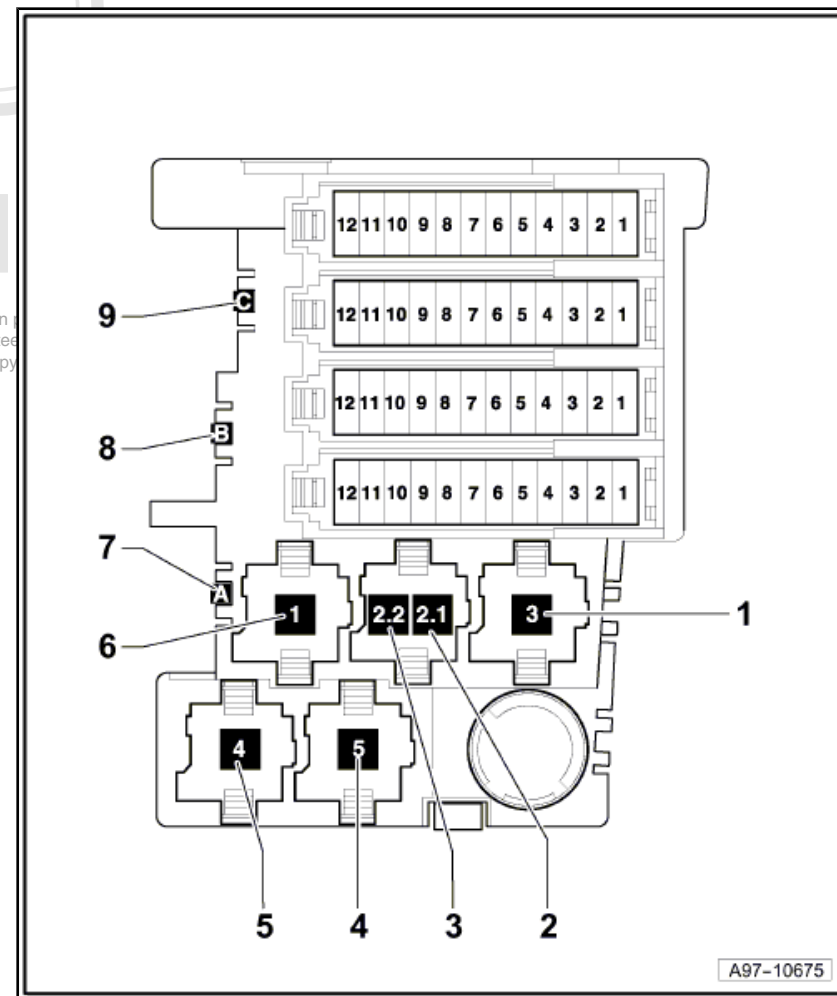
7 - Glow plug fuse -S125-, 50 A

- ☐ Plug position A

8 - Vacant

9 - Vacant

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is permitted unless authorised by AUDI AG. AUDI AG does not guarantee the correctness of information in this document. Copying is prohibited.



1.4 Relay positions on onboard supply control unit, under left dash panel, up to May 2009

1 - Terminal 15 voltage supply relay 2 -J681-

- ☐ Plug position B1

2 - Vacant

- ☐ Plug position B2

3 - Heated rear window relay -J9-

- ☐ Plug position B5

4 - Horn relay -J413-

- ☐ Plug position B6

5 - Vacant

- ☐ Plug position B9

6 - Washer pump relay -J576-

- ☐ Plug position B8

7 - Vacant

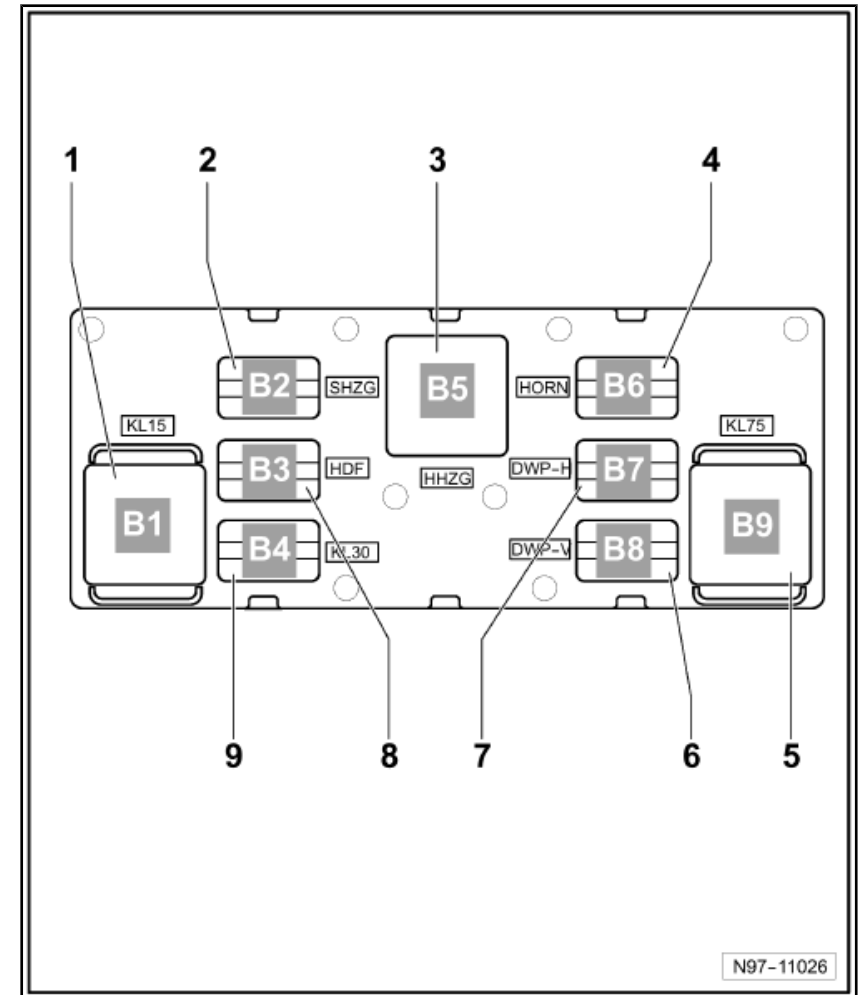
- ☐ Plug position B7

8 - Vacant

- ☐ Plug position B3

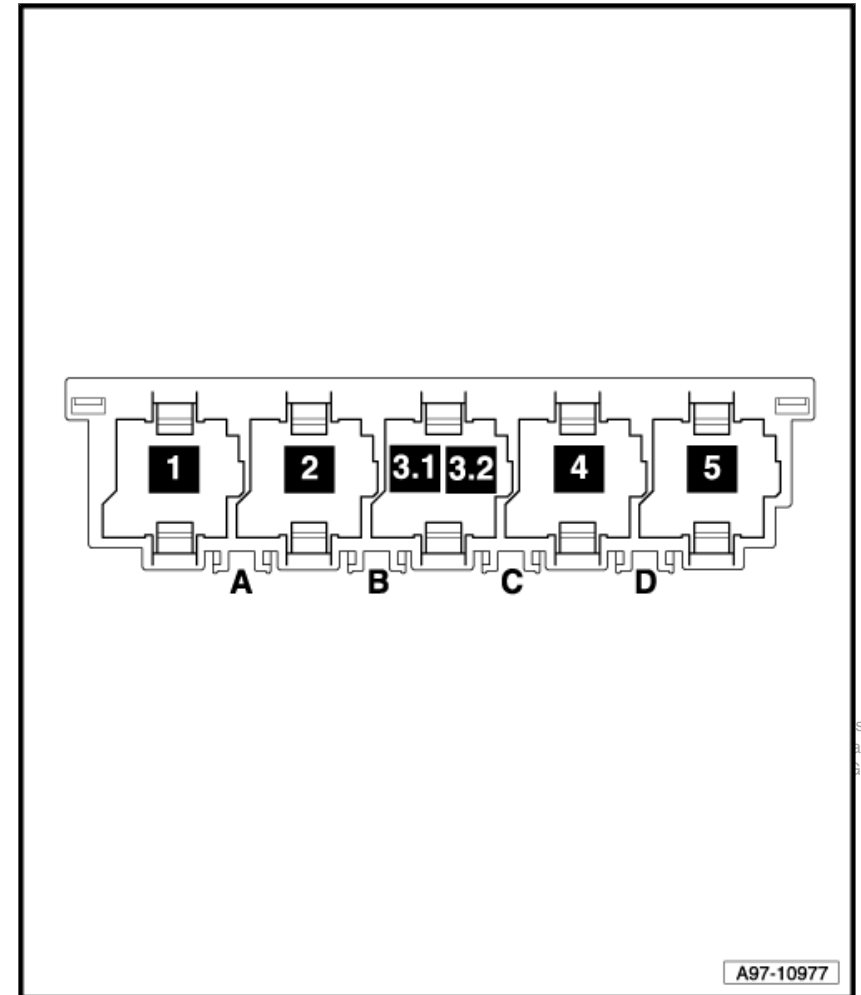
9 - Terminal 30 voltage supply relay 2 -J689-

- ☐ Plug position B4



1.5 Relay positions on onboard supply control unit, under left dash panel, from June 2009

- 1 - Terminal 15 voltage supply relay 2 -J681-
- 2 - Heated rear window relay -J9-
- 3.1 - Horn relay -J413-
- 3.2 - Headlight washer system relay -J39-
- 4 - Vacant
- 5 - Vacant

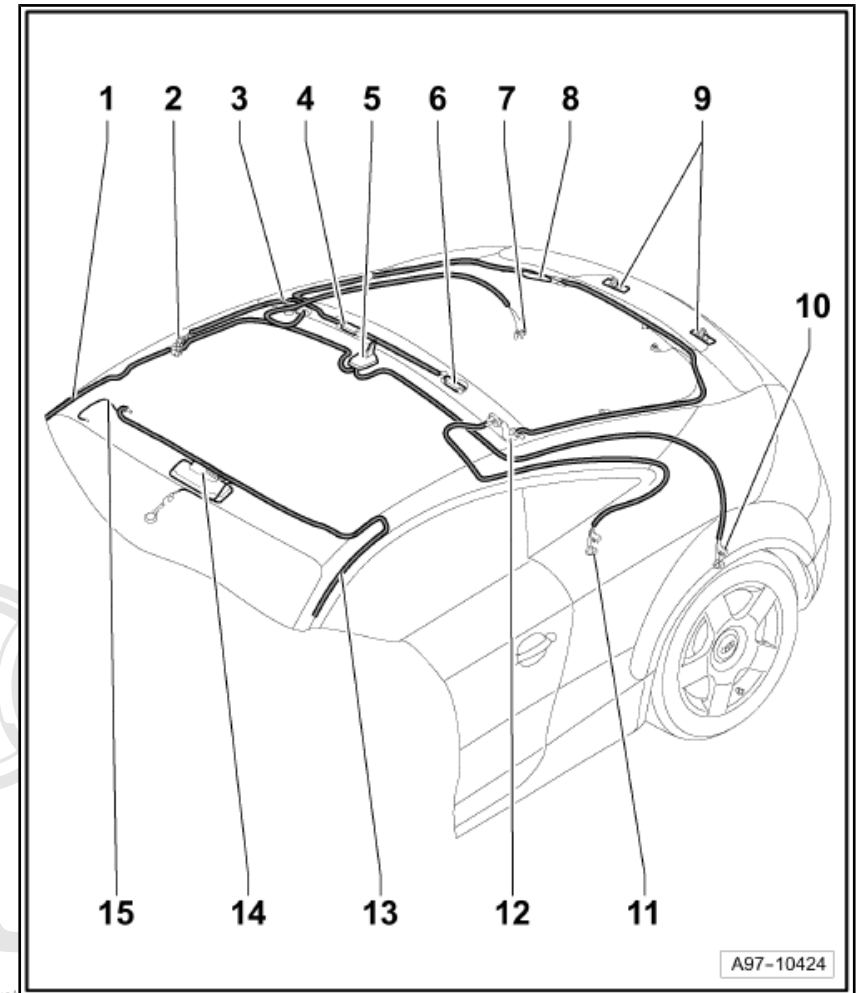


is not
ability
s.

1 Routing in the vehicle

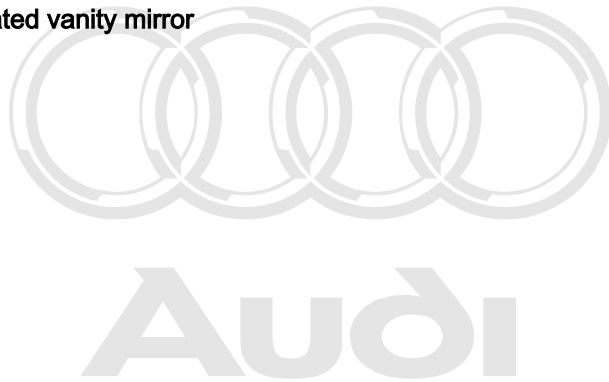
1.1 Routing rear lid/roof

- 1 - Aerial wires to right A-pillar
- 2 - Coupling station right rear lid, in rear right roof frame
- 3 - Transition rear lid to luggage compartment
- 4 - Aerial amplifier -R24- on rear lid upper right
- 5 - Radio, telephone and navigation system aerial -R52- (GSM/GPS)
- Radio, telephone and navigation system aerial -R52- (Sat/GPS/GSM) only USA
- 6 - Aerial amplifier 4 -R113- on rear lid upper left
- 7 - Aerial connections TV tuner -R78- on right in luggage compartment

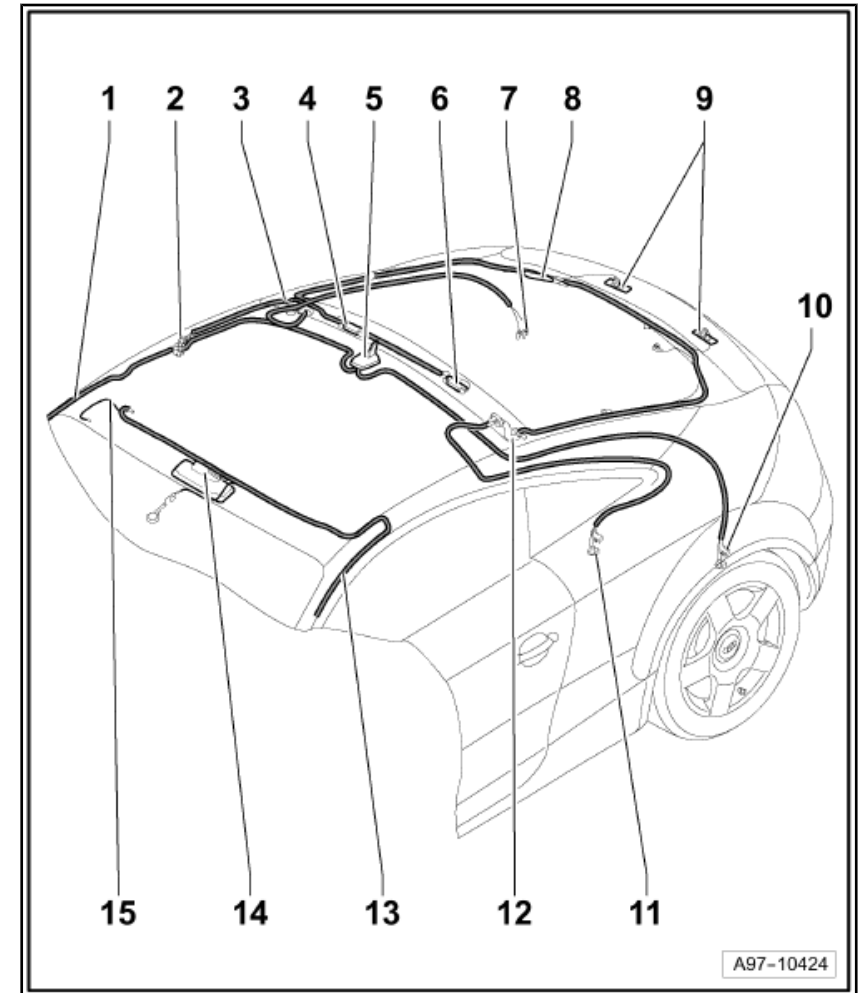


Protected by copyright. Copying for private use or for internal or personal purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 8 - Aerial amplifier 2 -R111- on rear lid bottom right
- 9 -
Left number plate light -X4-, right number plate light -X5-
- 10 - Aerial connections aerial amplifier for mobile telephone -R86-
- Aerial connections satellite radio -R146- only USA
- 11 - Coupling station left rear lid behind side panel
- 12 - Transition rear lid to luggage compartment
- 13 - Wiring harness to A-pillar left
- 14 - Front interior light -W1-
- 15 - Sun blind, right illuminated vanity mirror

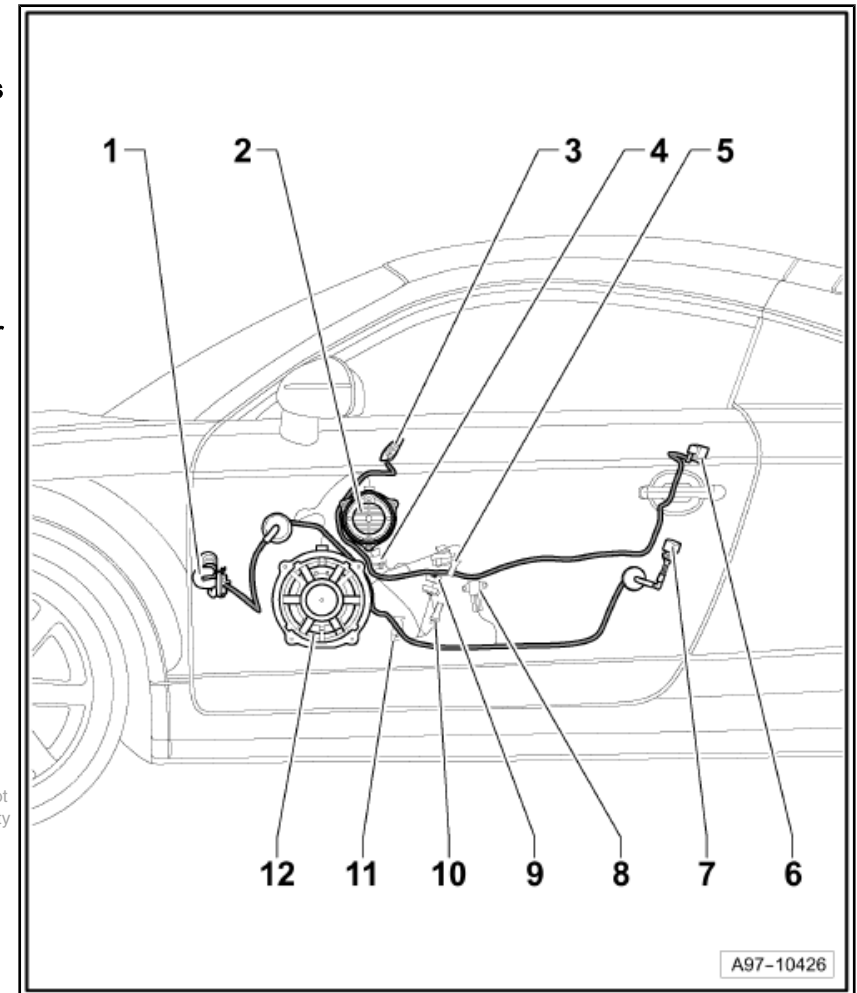


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



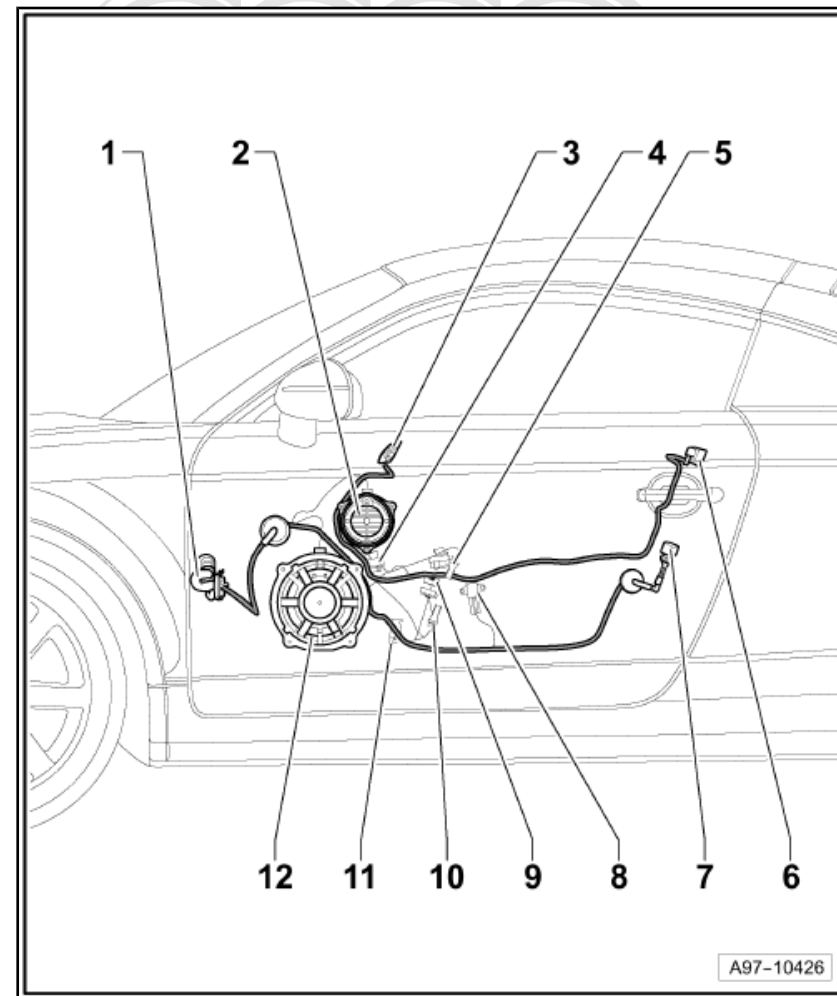
1.2 Routing door

- 1 - Coupling door - A-pillar
- 2 -
Front left mid-range loudspeaker -R103-, front right mid-range loudspeaker -R104- in the centre doors
- 3 -
Driver side interior locking button -E308-, front passenger side interior locking button for central locking system -E309-
- 4 -
Mirror adjustment switch -E43-, mirror adjustment change-over switch -E48-
- 5 -
Operating unit for window regulator in driver door -E512-, window regulator switch in front passenger door -E107-
- 6 -
Alarm system off switch -E217-, interior monitoring deactivation switch -E183-
- 7 -
Driver side central locking lock unit -F220-, rear left central locking lock unit -F222-
- 8 -
Side airbag crash sensor on driver side -G179-, side airbag crash sensor on front passenger side -G180-



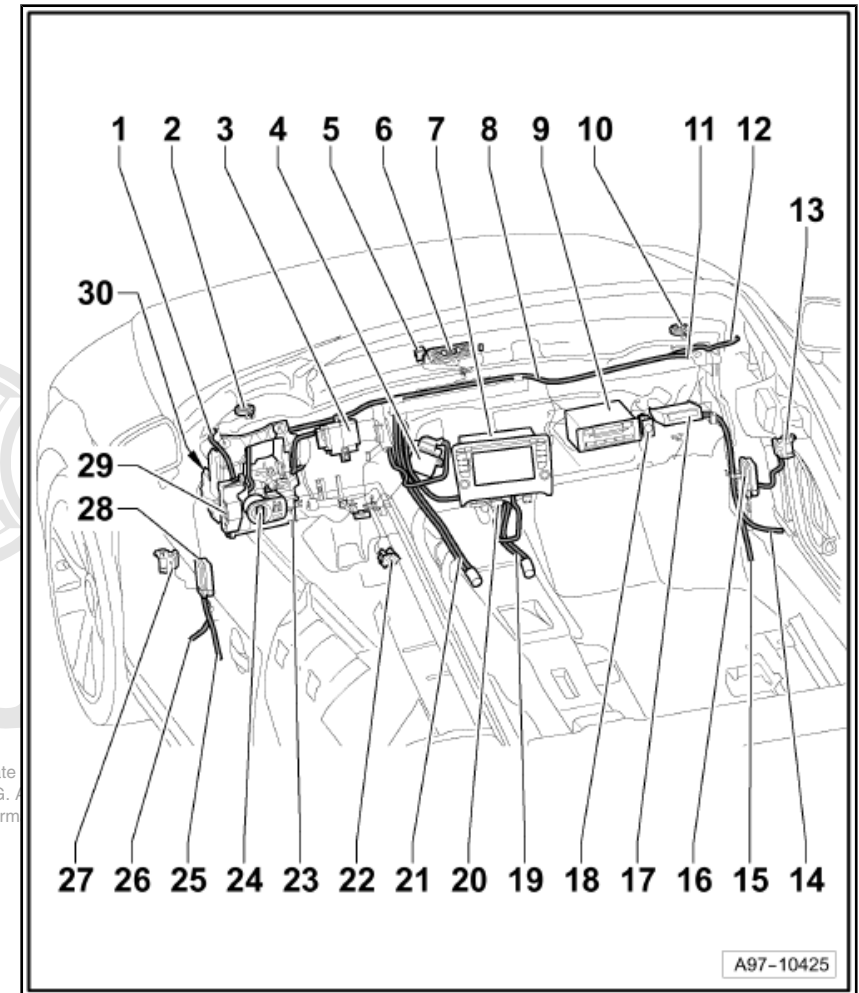
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 9 - Driver side door control unit -J386-, front passenger door control unit -J387-
- 10 - Driver side door control unit -J386-, front passenger door control unit -J387-
- 11 - Fuel tank flap release button -E319-, rear lid remote release button -E233-
- 12 - Front left bass loudspeaker -R21-, front right bass loudspeaker -R23- in the bottom doors



1.3 Routing dash panel wiring harness

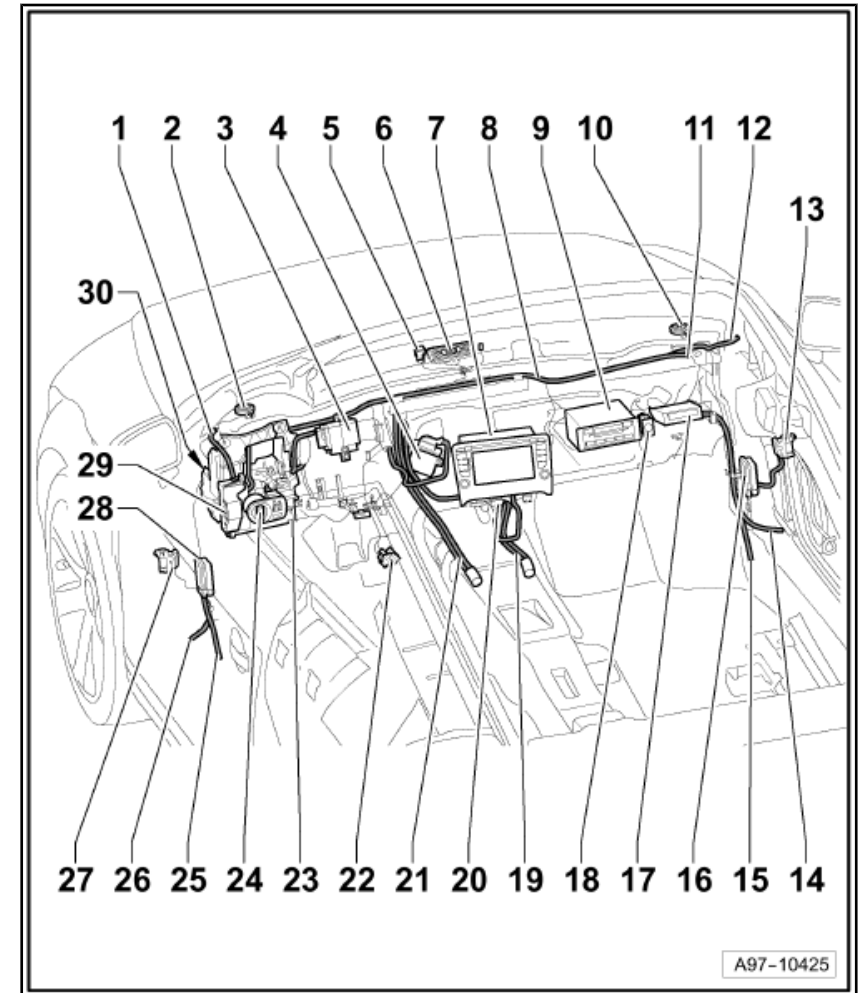
- 1 - Wiring harness to A-pillar left roof
- 2 - Front left treble loudspeaker -R20-
- 3 - Tyre pressure monitor control unit 2 -J793-
- 4 - Headlight range control, control unit -J431-
- 5 - Sunlight penetration photosensor -G107-
- 6 - Centre mid-range and treble loudspeaker -R158-
- 7 - Radio -R-, navigation system with CD drive control unit -J401-
- 8 - Wiring harness along module carrier
- 9 - CD changer -R41-
- 10 - Front right treble loudspeaker -R22-



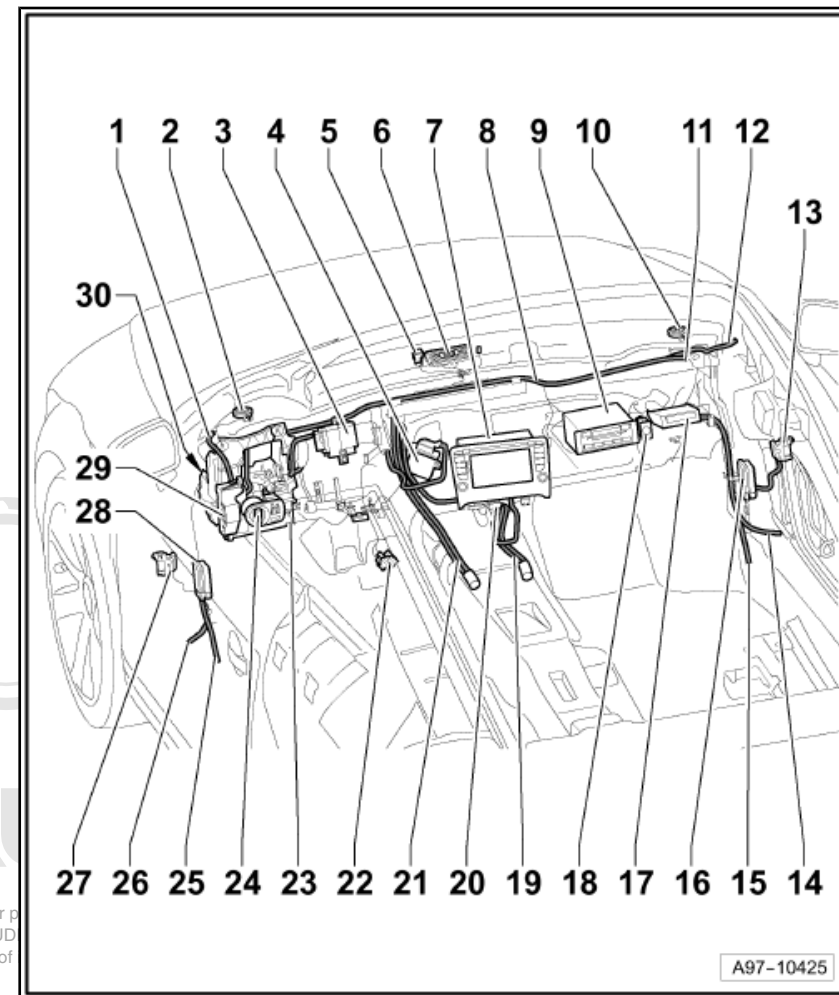
Protected by copyright. Copying for private use is permitted unless authorised by AUDI AG. All rights reserved with respect to the correctness of information.

- 11 - Wiring harness along module carrier to A-pillar bottom right
- 12 - Wiring harness to A-pillar right roof
- 13 - Coupling front passenger
- 14 - Crimp connector CAN-BUS
- 15 - Wiring harness from A-pillar to luggage compartment right
- 16 - Duct A-pillar right
- 17 - Chip card reader unit -R99-
- 18 - Key operated switch to deactivate front passenger side airbag -E224-
- 19 - Wiring harness from centre console top along centre console right to rear seat
- 20 - Connections radio -R-, navigation system with CD drive control unit -J401-
- 21 - Wiring harness from centre console top along centre console left

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



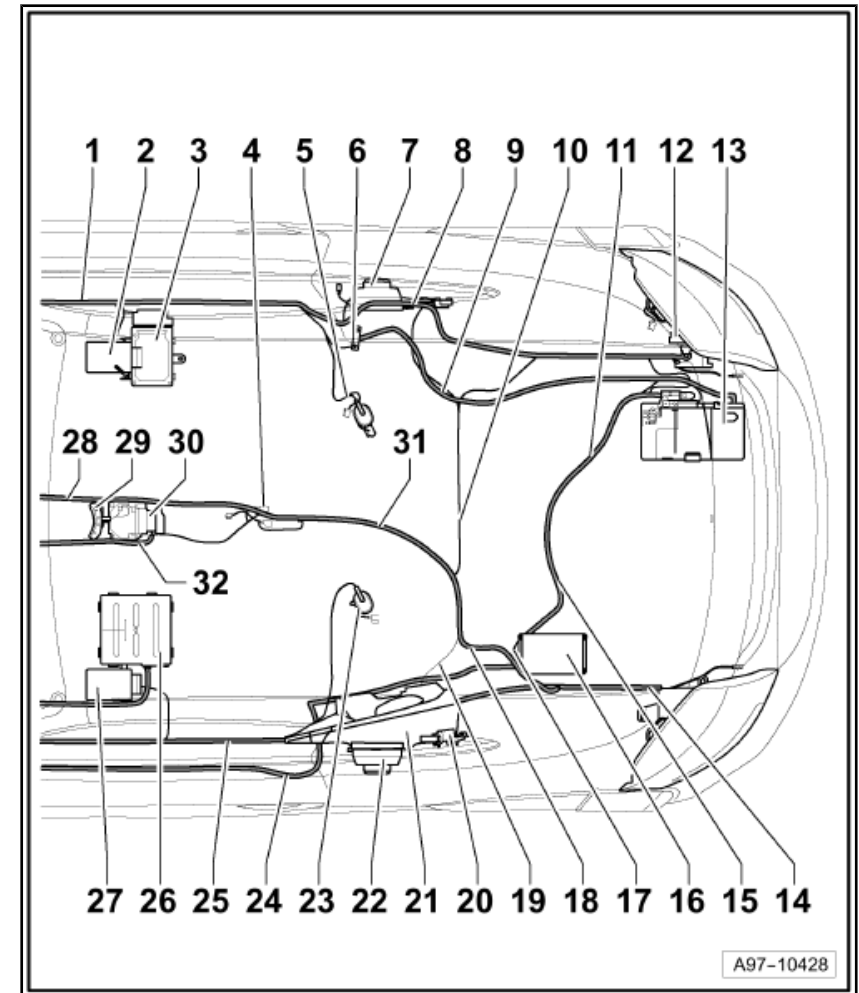
- 22 - Connection switch module steering column
- 23 - Onboard power supply control unit -J519-
- 24 - Lighting switch -E1-
- 25 - Wiring harness from A-pillar to luggage compartment left
- 26 - Crimp connector CAN-BUS
- 27 - Coupling driver door -T20a-
- 28 - Duct A-pillar left
- 29 - Fuse holder, left dash panel
- 30 - Wiring harness, duct interior - engine compartment



Protected by copyright. Copying for private use is permitted unless authorised by AUDI AG. The copyright holder is not responsible for the correctness of the information.

1.4 Routing in the interior

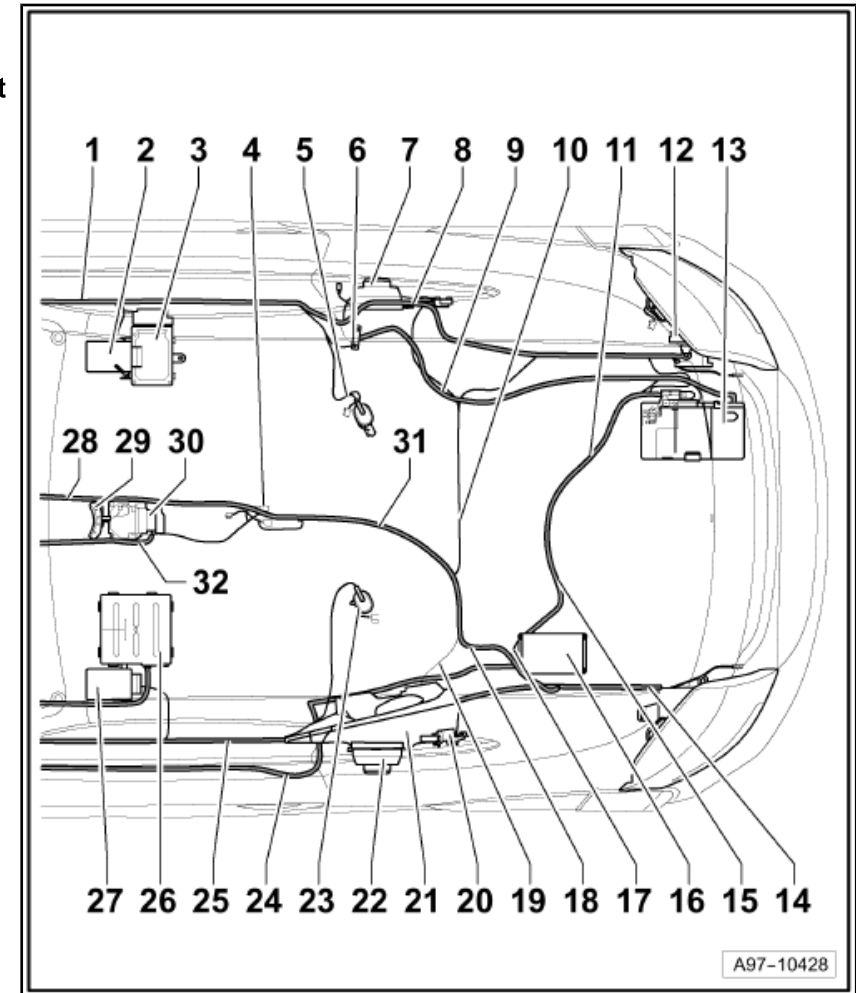
- 1 - Wiring harness to A-pillar right
- 2 - Coupling station under front passenger seat
- 3 - Electronically controlled damping control unit -J250-
- 4 - Connections telephone bracket -R126- in centre console
- 5 - Connections right tank sender
- 6 - Earth point, under rear right seat -40-
- 7 - Rear right mid-range and bass loudspeaker -R160-
- 8 - Wiring harness to rear light, control unit in luggage compartment right
- 9 - Earth wire battery -A-
- 10 - Wiring harness under rear seat
- 11 - Cable of igniter for battery interruption -N253- in luggage compartment to starter -B-



with respect to the correctness of information in this document. Copyright by AUDI AG.

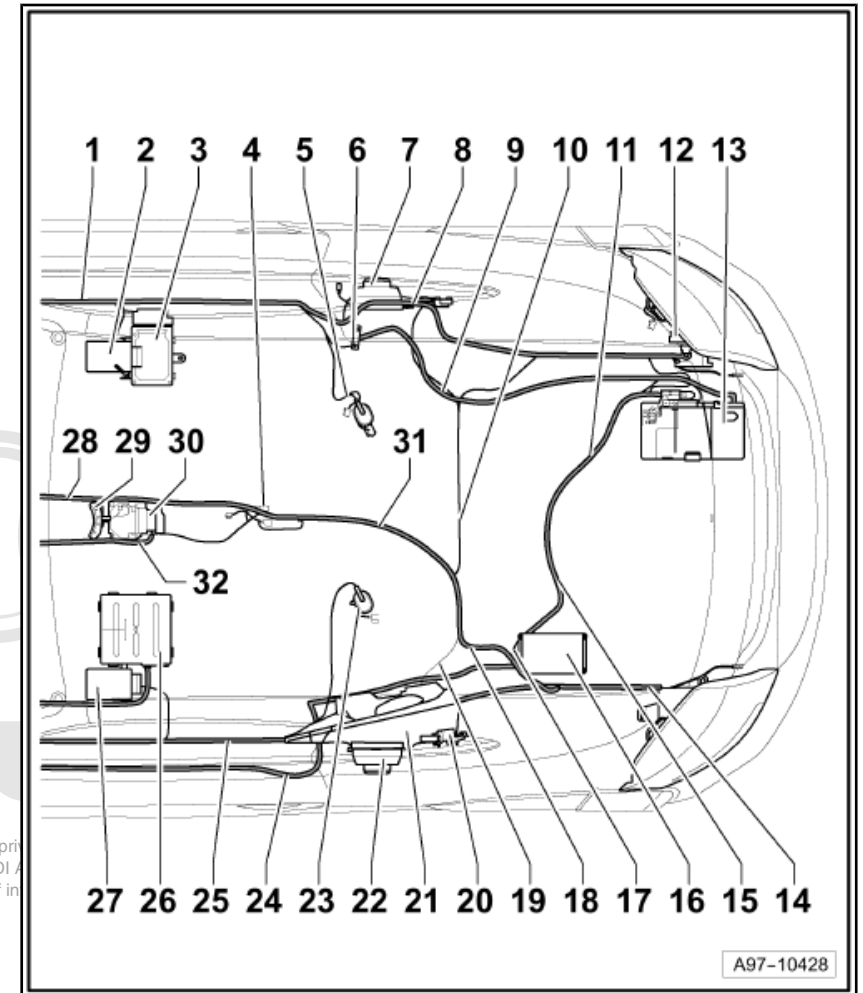
- 12 - Connections right tail light and right in luggage compartment control units
- 13 - Battery -A- with main fuse box and battery isolation igniter -N253- in luggage compartment, rear right
- 14 - Wiring harness to control unit for digital sound package -J525- and left tail light
- 15 - Cable in luggage compartment to starter -B-
- 16 - Control units in insert right luggage compartment
- 17 - Duct starter cable under vehicle floor
- 18 - Wiring harness to control unit for digital sound package -J525-
- 19 - Wiring harness to speakers rear left
- 20 - Coupling station left rear lid behind side panel
- 21 - Middle loudspeaker -R148-

Copyrighted by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.



A97-10428

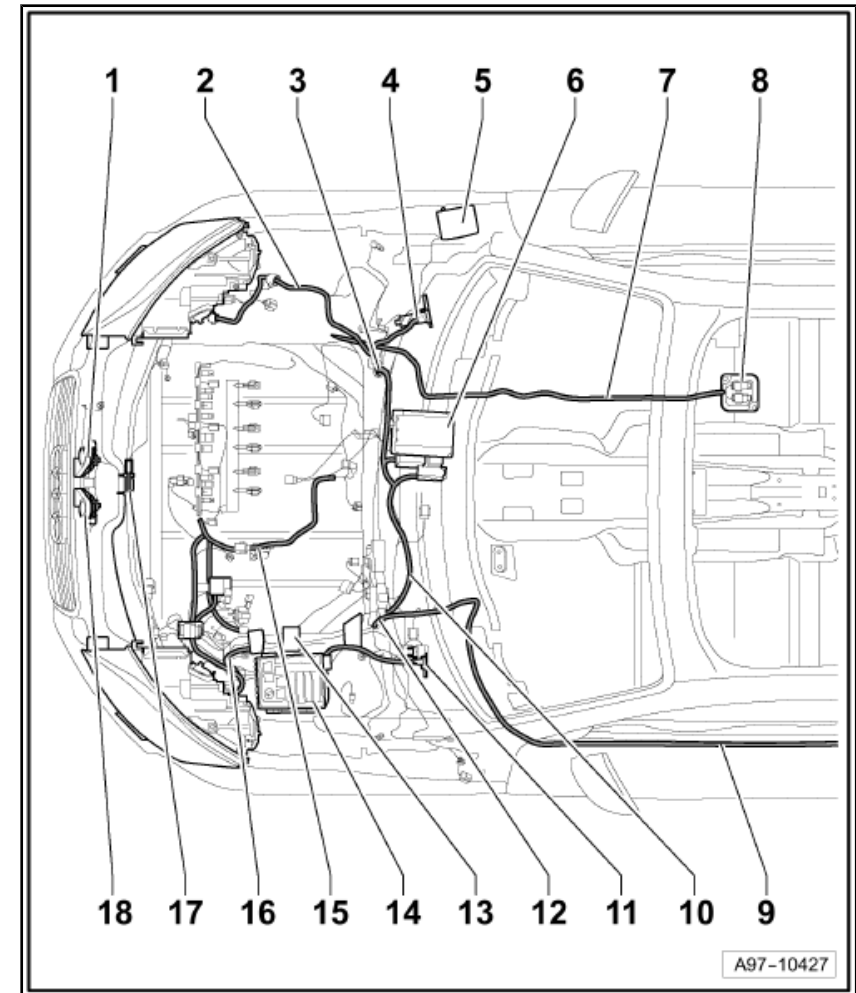
- 22 - Rear left mid-range and bass loudspeaker -R159-
- 23 - Connections left tank sender
- 24 - Starter cable under vehicle floor
- 25 - Wiring harness to A-pillar left
- 26 - Telephone transmitter and receiver unit -R36- under driver seat
- 27 - Coupling station under driver seat
- 28 - Wiring harness to centre console front right
- 29 - Row of switches centre console
- 30 - Airbag control unit -J234- under centre console
- 31 - Wiring harness from centre console to rear left under rear seat
- 32 - Wiring harness to centre console front left



Protected by copyright. Copying for private use is permitted unless authorised by AUDI AG. All rights reserved with respect to the correctness of information.

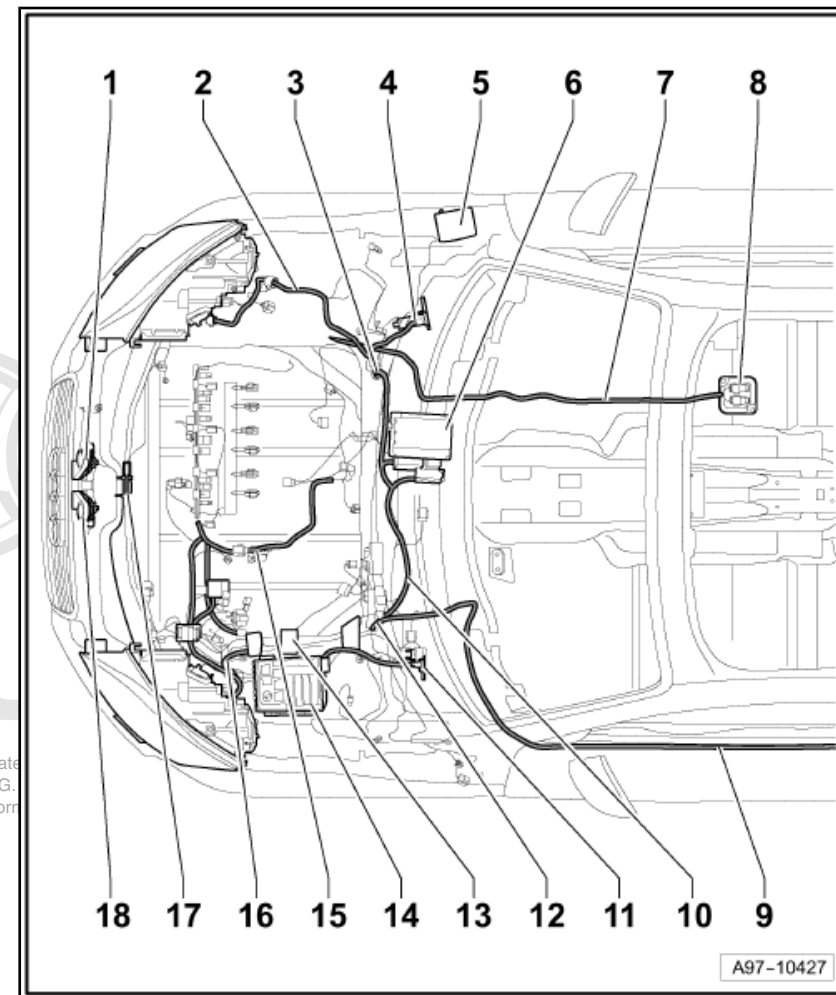
1.5 Routing wiring harness plenum chamber - engine compartment

- 1 - Treble tone horn -H2-
- 2 - Wiring harness engine compartment right to headlight
- 3 - Transition to plenum chamber right
- 4 - Duct to dash panel right
- 5 - Alarm horn -H12-
- 6 - Engine control unit -J623-
- 7 - Wiring harness to clutch Lambda probe
- 8 - Coupling Lambda probes on underbody
- 9 - Starter cable under vehicle floor
- 10 - Wiring harness in plenum chamber from engine control unit -J623-
- 11 - Duct to dash panel left



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- 12 - Transition to dash panel left
 - 13 - Cable channel in left engine compartment
 - 14 - Electronics box engine compartment
 - 15 - Engine prewiring
 - 16 - Wiring harness engine compartment left to headlight
 - 17 -
 - 18 - Bass tone horn -H7-
- Crash sensor for front airbag -G190-, front airbag crash sensor for driver side -G283-, front airbag crash sensor for front passenger side -G284- (only USA)



Protected by copyright. Copying for private
permitted unless authorised by AUDI AG.
with respect to the correctness of inform