

Basic equipment

from model year 2007

Notes:

For information concerning

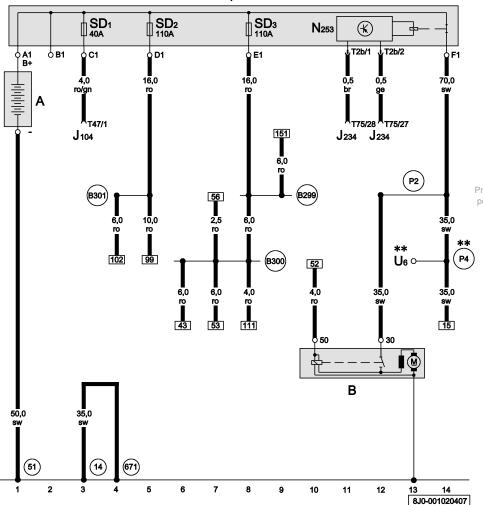
- Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding



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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
- 1253 Battery isolation igniter
- SD1 Fuse 1 on fuse holder D
- D2 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
- 4) 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

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blackredbrowngreenbluegrey

purpleyellow

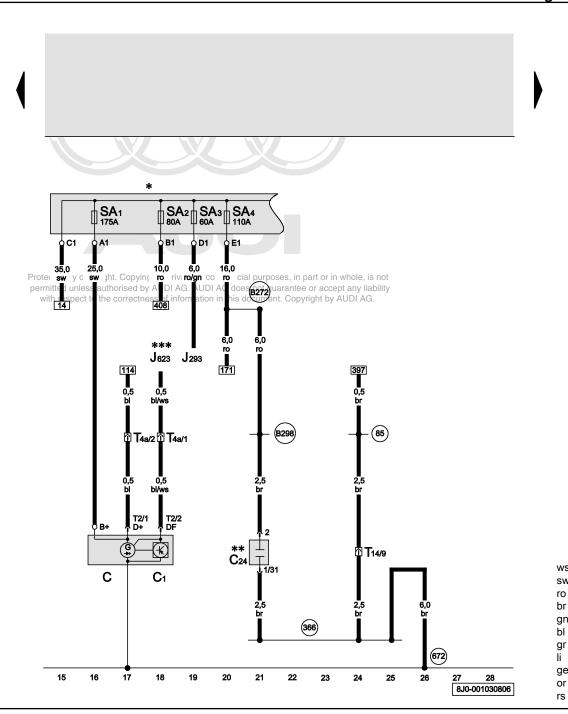
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or

- with respect to the correctness of information in this document. Copyright to AUDI Action (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





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

- C Alternator
- C1 Voltage regulator
- 24 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

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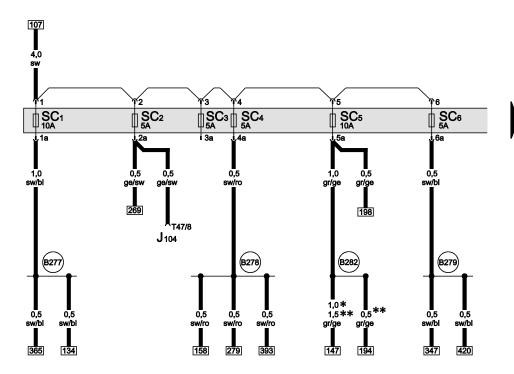
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Fuses

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 Positive connector, on ABS control unit

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

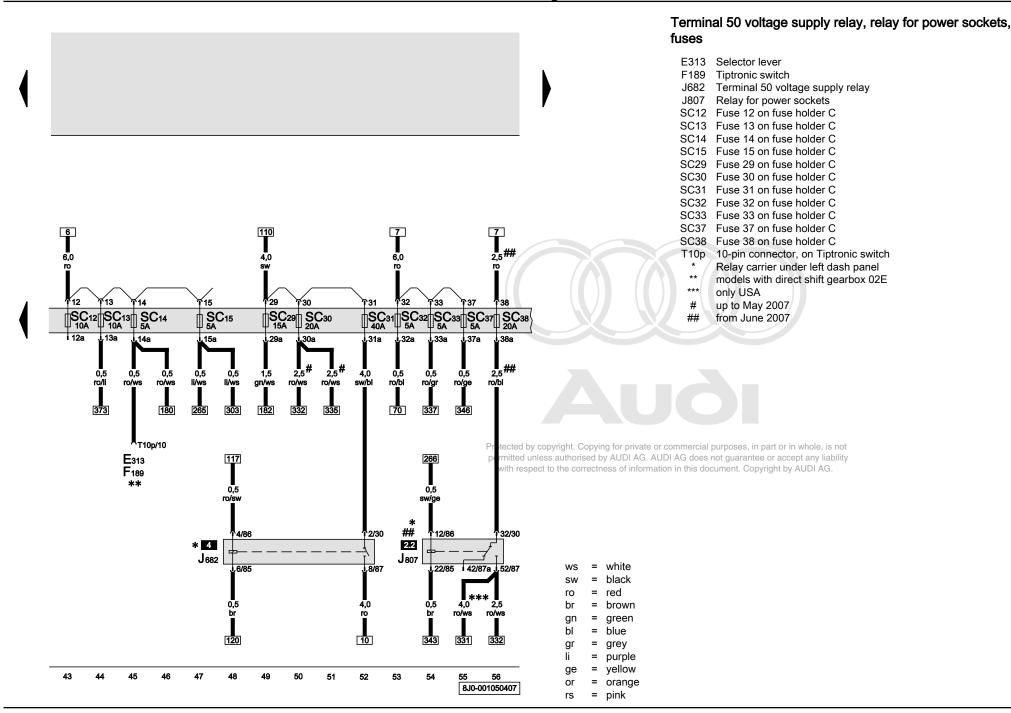
Protected by copyright. Co B278 or Positive connection. 2₀(15a) in inamain wiring harness permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

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

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

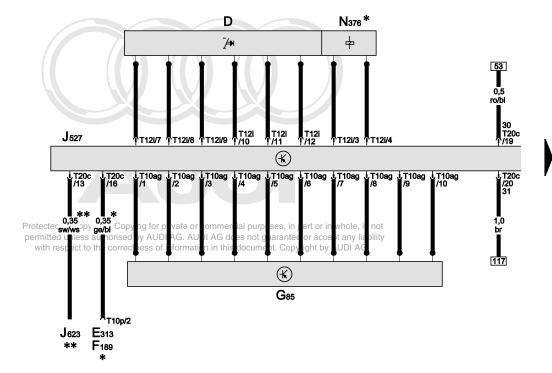
- up to May 2007
- ** from June 2007

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









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8J0-001060806

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
T21 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
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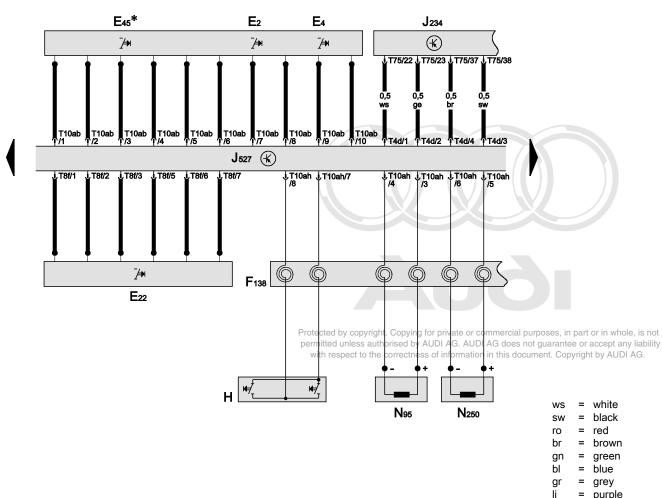


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Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, horn plate

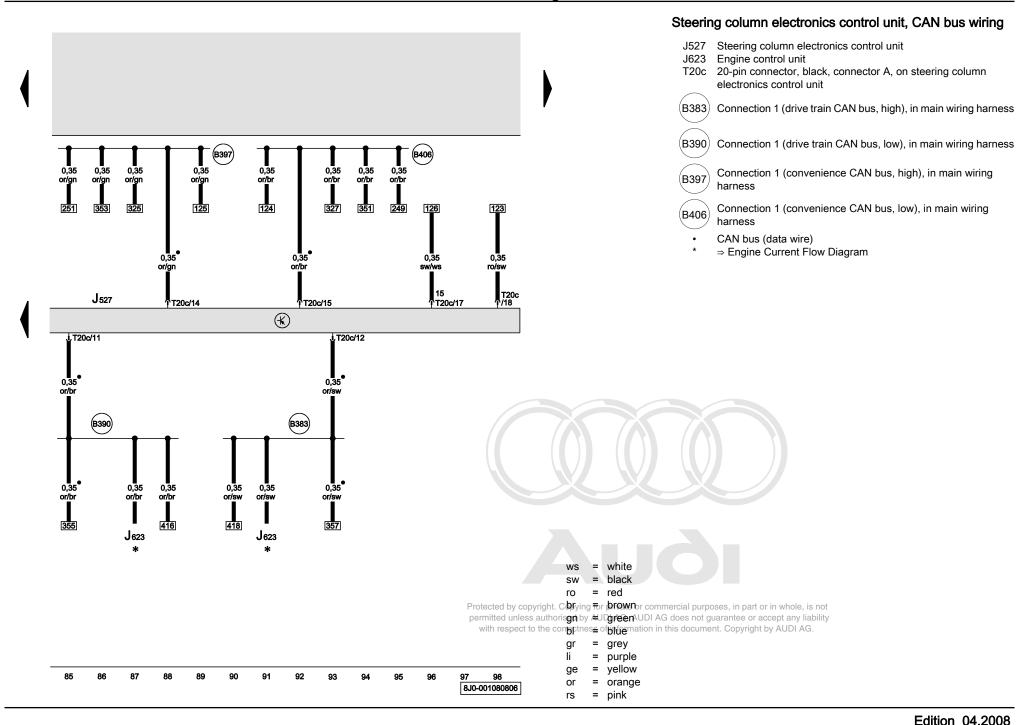
- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F138 Airbag coil connector and return spring with slip ring
- H Horn plate

= yellow

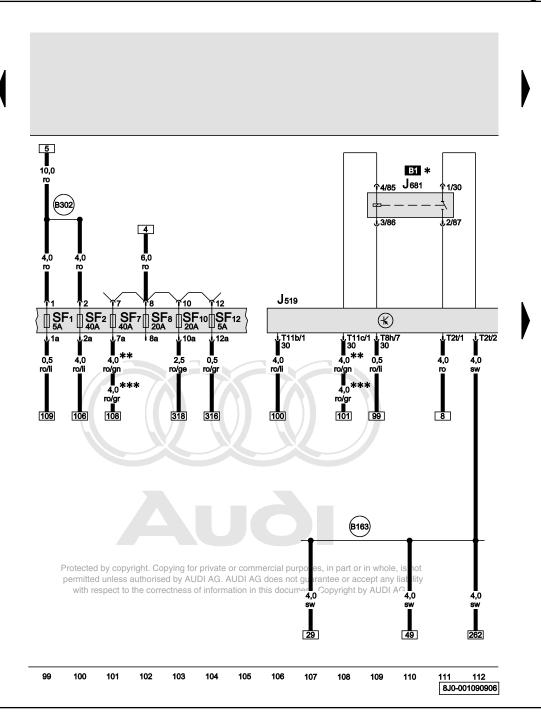
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- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control unit
- T8f 8-pin connector, on steering 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







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
- 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

white

= brown = green

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greypurpleyellow

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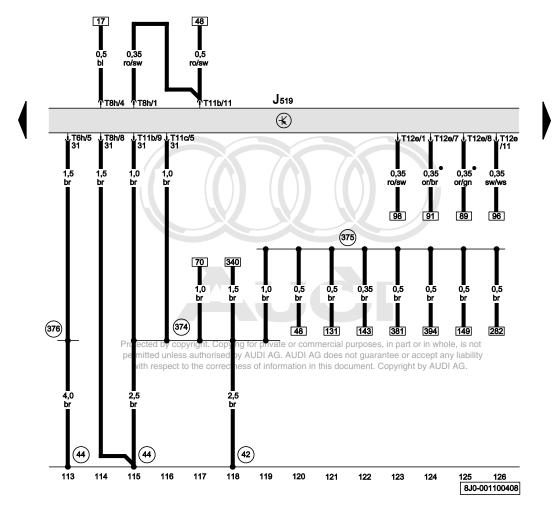
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rs

*** Roadster







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)

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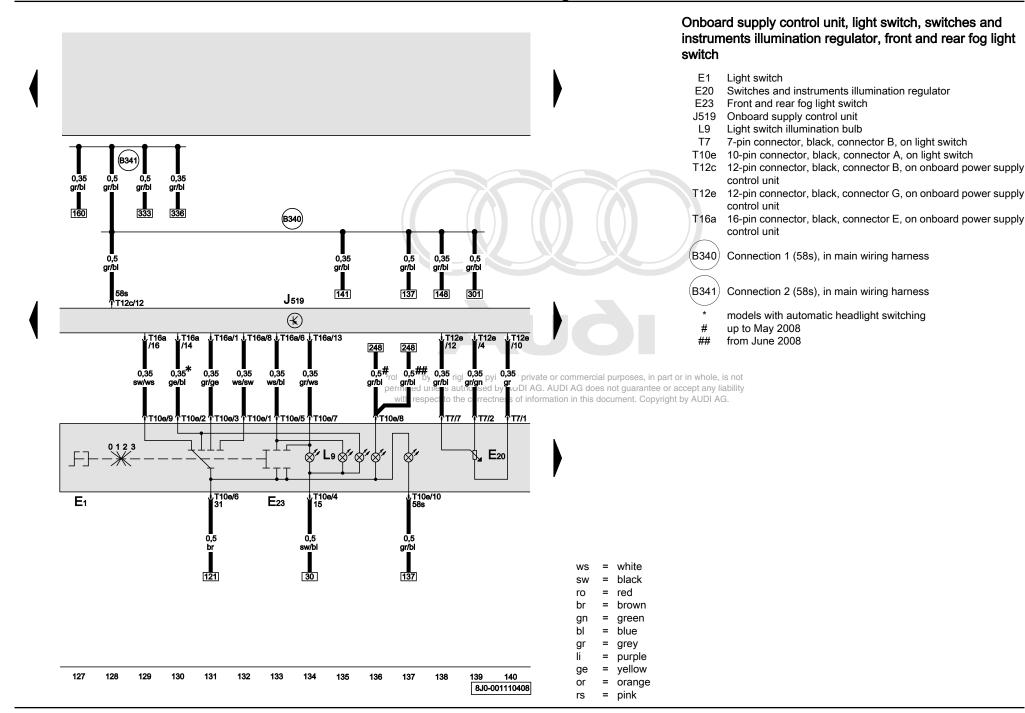
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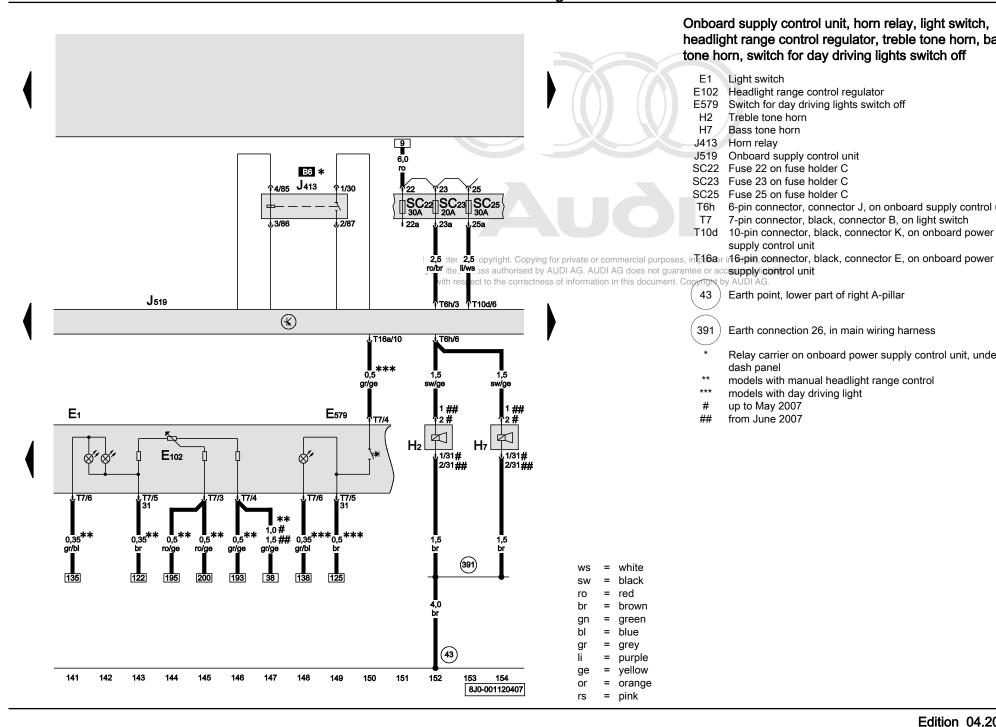
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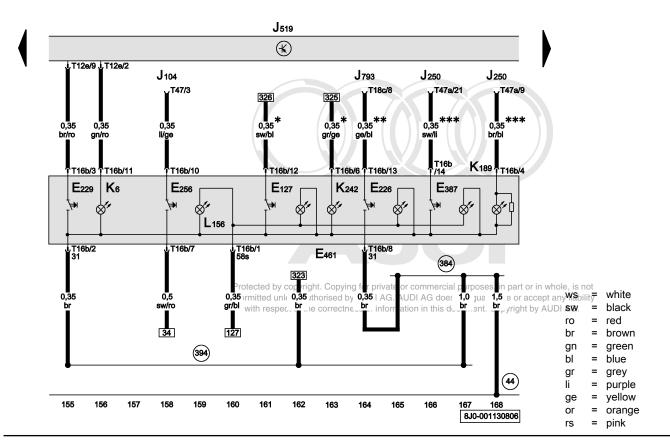


Onboard supply control unit, horn relay, light switch, headlight range control regulator, treble tone horn, bass tone horn, switch for day driving lights switch off

- Light switch
- E102 Headlight range control regulator
- Switch for day driving lights switch off
- Treble tone horn
- H7 Bass tone horn
- J413 Horn relay
- 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
- 6-pin connector, connector J, on onboard supply control unit
- 7-pin connector, black, connector B, on light switch
- T10d 10-pin connector, black, connector K, on onboard power supply control unit
- supply control unit
- - Earth point, lower part of right A-pillar
- 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

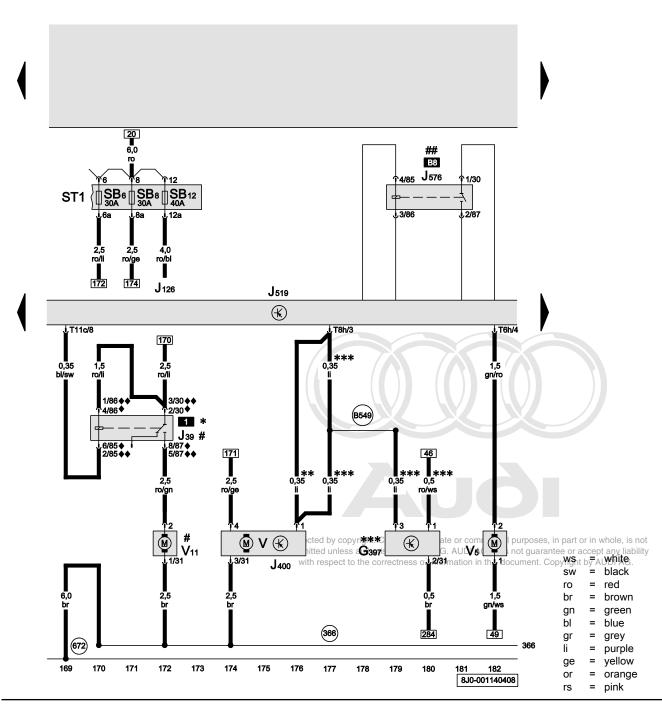






Onboard supply control unit, operating unit in front of centre console

- 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



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
- B6 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
 - / 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



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

T11c 11-pin connector, brown, connector D, on onboard power supply control unit

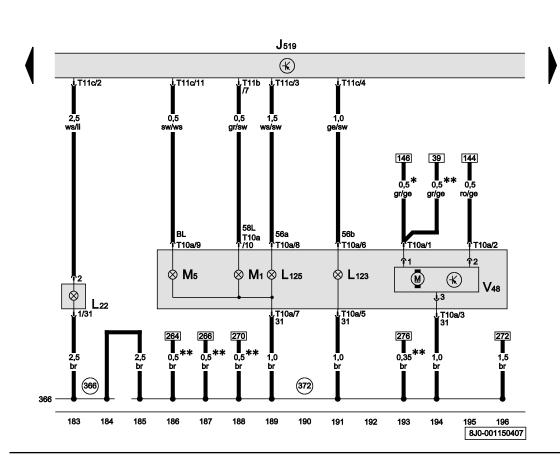
Protected by copyright. Copying for private or comme**V48** pulleft headlight range control motor permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability

366 mearth 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

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gn = green bl = blue gr = grey

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





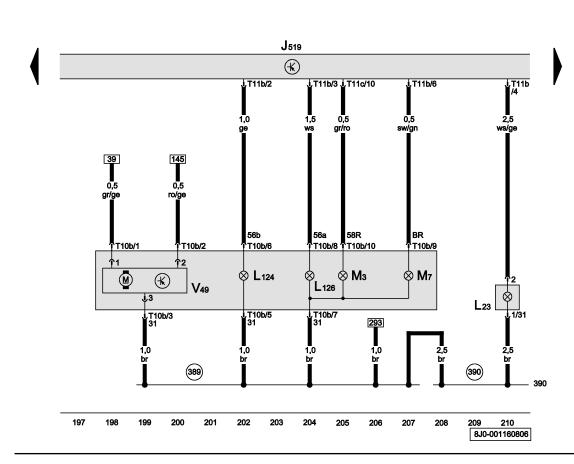
Onboard supply control unit, right fog light bulb, right side light bulb, front right turn signal bulb, right headlight range control motor, right dipped beam bulb, right main beam bulb

- J519 Onboard supply control unit
- 23 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

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ermitted unless authorised by AUDI AG. AODI AG does not guarantee or accept any liability with respect to the correctness of informat889 h.Earth.connection 24, in main: wiring harness

(390) Earth connection 25, in main wiring harness



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bl = blue gr = grey

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J519 **K** ∫T12d //11 T12d 1/10 JT12c/7 JT12d/2 T12d/12 ,T12c/1 LT12c/5 LT12d/3 LT12c/9 LT12c 0,35 sw/bl 0,5 sw/bl 0,5 gr/ws gr/sw gr/ws gr/sw T6k/2 ↑T6k/6 ↑T6k/5 ↑T6k/4 **↑**T6I/6 T61/3 ↑T6I/4 ↑T6I/1 ↑T6I/2 ♦ M₆ ♦ M₂₁ ♦ M₆ ♦ M₅₈ **♦ M**₁₇ ♦M59 ♦ M8 ♦M22 ♦ M8 4,0 1,5 Pr br ed br pyright. Copying for private or commercial pur per litted unless authorised by AUDI AG. AUDI AG does not c 1,5 br i, in part or in whole, br 390 (51) (43) (662) 211 212 214 215 216 217 218 219 220 221 222 224 8J0-001170806

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

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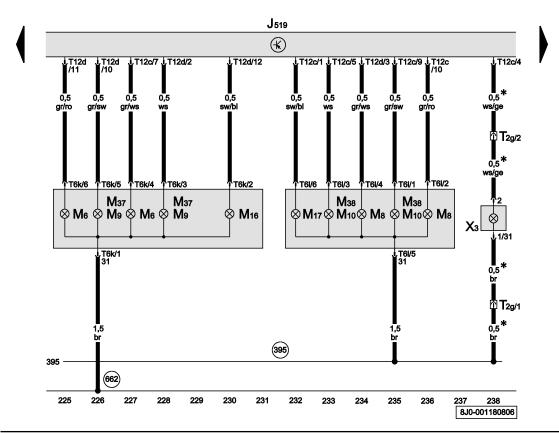
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* models with automatic anti-dazzle interior mirror only







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
- Γ6l 6-pin connector, black, on right tail light
- T12c 12-pin connector, black, connector B, on onboard power supply
- 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

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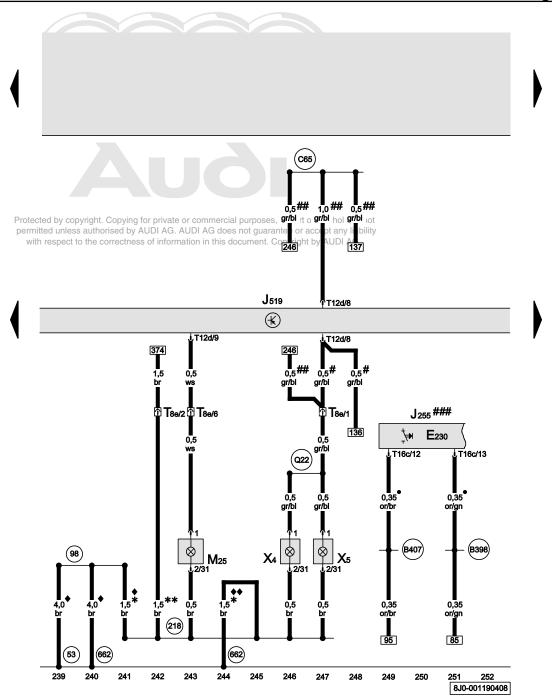
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Onboard supply control unit, heated rear window button, high level brake light bulb, number plate left and right light

- 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

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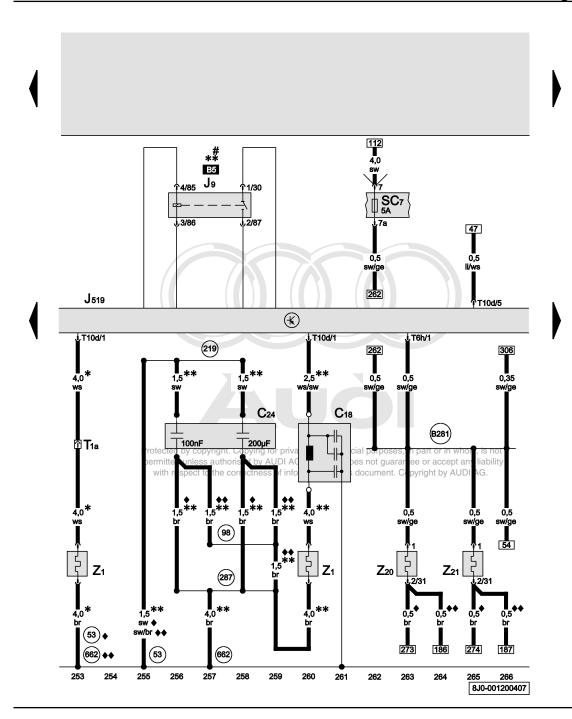
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or

- ** Roadster
- # up to May 2008
- ## from June 2008
- ### Operation for heated rear window via CAN bus
- up to May 2007
- ♦♦ from June 2007



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

- C18 Window aerial suppression filter
- C24 Suppression filter
- 19 Heated rear window relay
- J519 Onboard supply control unit
- 6C7 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

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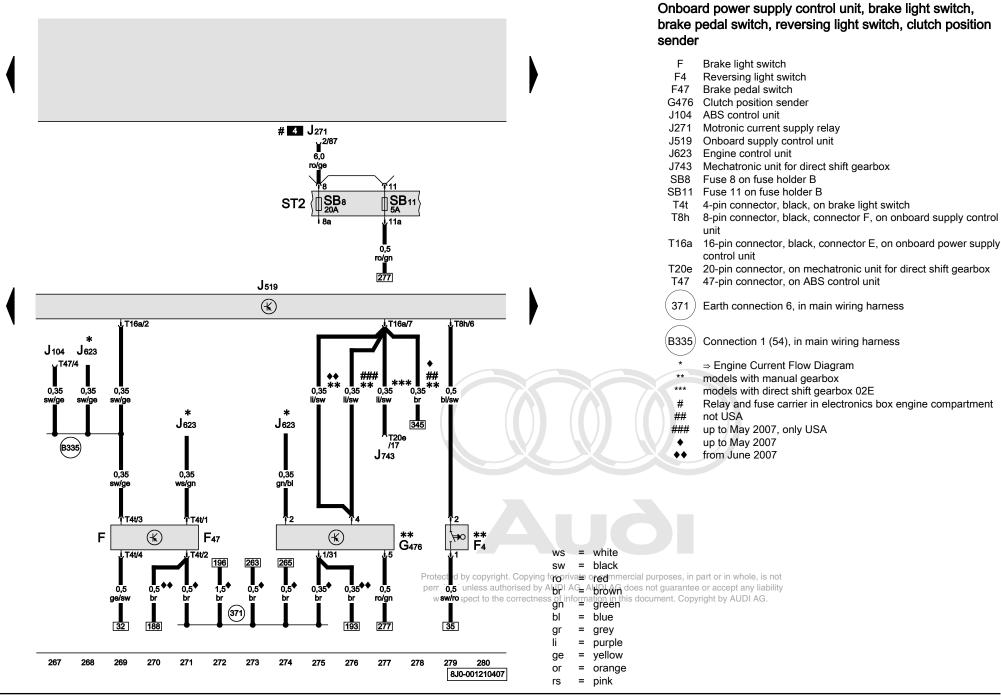
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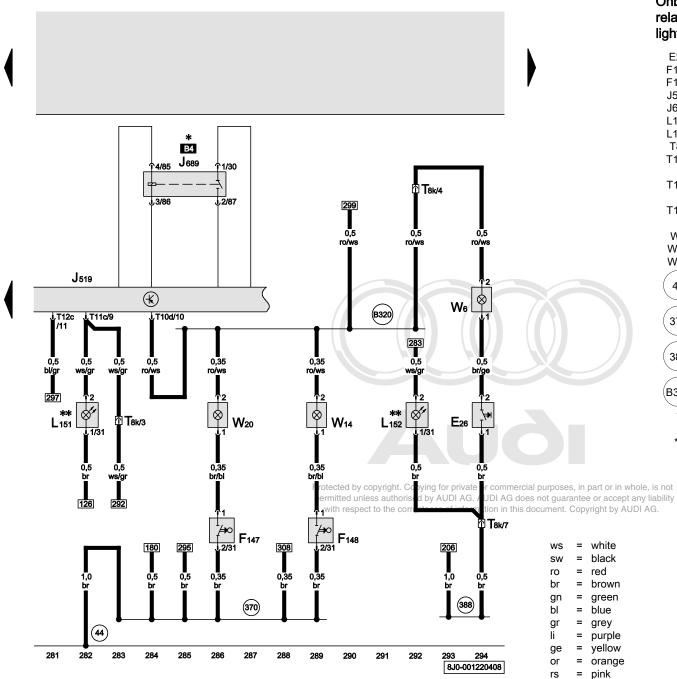
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Onboard supply control unit, terminal 30 voltage supply relay 2, vanity mirror contact switch, glove compartment light, illuminated vanity mirror

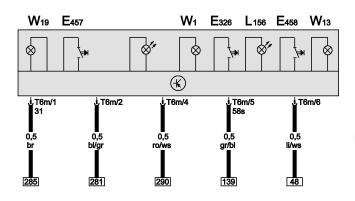
- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger side vanity mirror contact switch
- J519 Onboard supply control unit
- J689 Terminal 30 voltage supply relay 2
- L151 Front left footwell illumination bulb
- L152 Front right footwell illumination bulb
- 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)

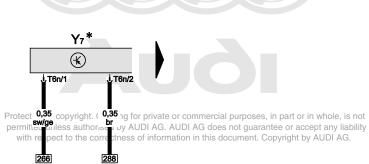




Front interior light button, reading light button, front interior light, reading light, automatic anti-dazzle interior mirror

- 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
 - 7 Automatic anti-dazzle interior mirror
 - 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





Y7* J393 (K) **(K)** T8g/4 JT8g/8 L T6n/3 J T6n/4 ,T6n/5 T18g/1 T18g/2 30 30 /3 31 0,35 2,5 br gn/li gn/gr ro/gr ro/ge (B428) (B427) 218 103 0,35 0,35 li/sw T20a T20b/19 1 T20a 1 T20b/9 0,35 T20g/10 J386 J387 J386 J387 310 311 314 315 316 317 318 319 320 322 8J0-001240806

Convenience system central control unit, automatic antidazzle interior mirror, tank filler flap locking motor

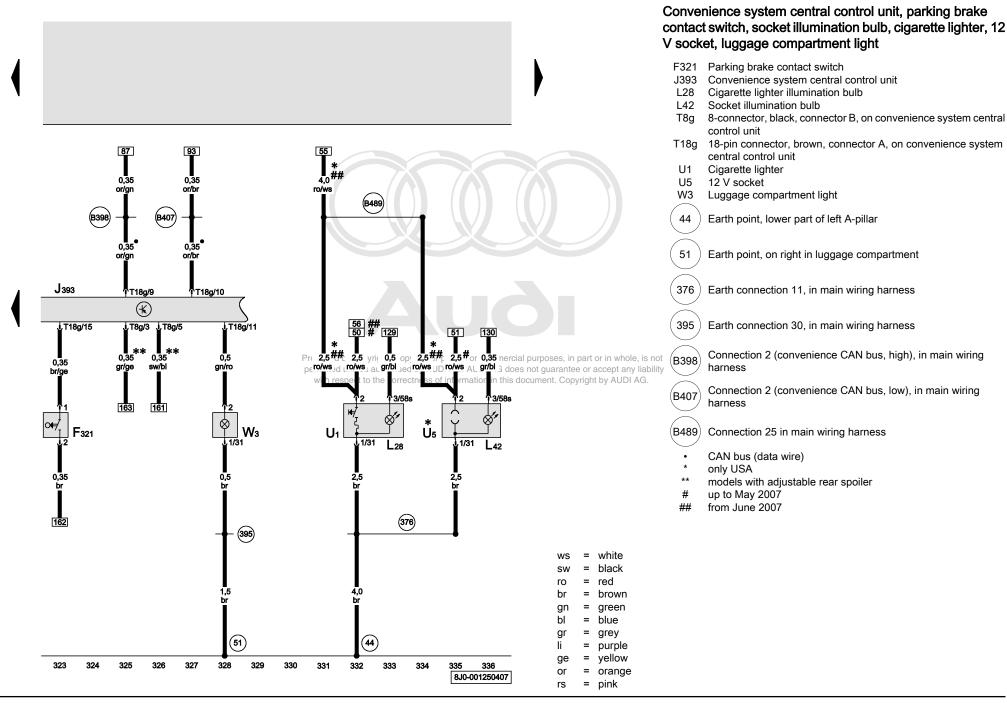
- J386 Driver door control unit
- J387 Front passenger door control unit
- J393 Convenience system central control unit
- T6n 6-pin connector, black, on interior mirror
- T8g 8-connector, black, connector B, on convenience system central control unit
- T18g 18-pin connector, brown, connector A, on convenience 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

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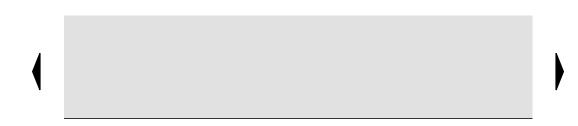
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ws = white sw = black ro = red br = brown gn = green bl = blue gr = grey li = purple ge = yellow or = orange rs = pink



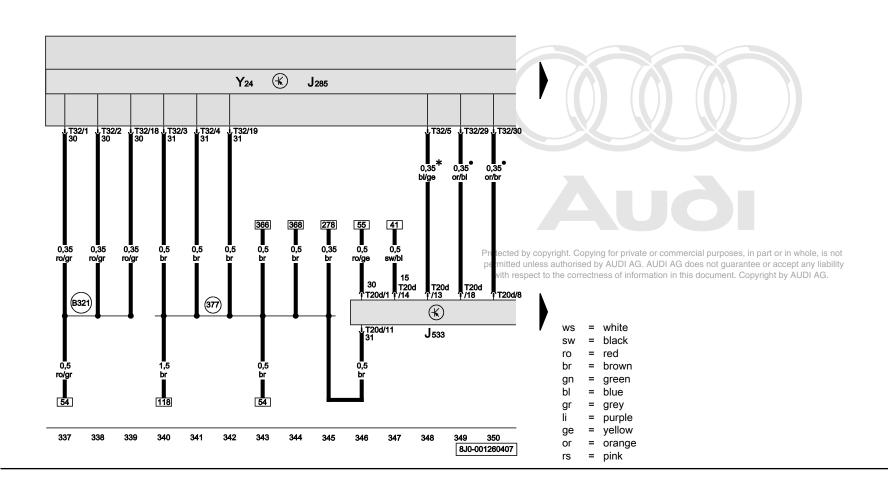




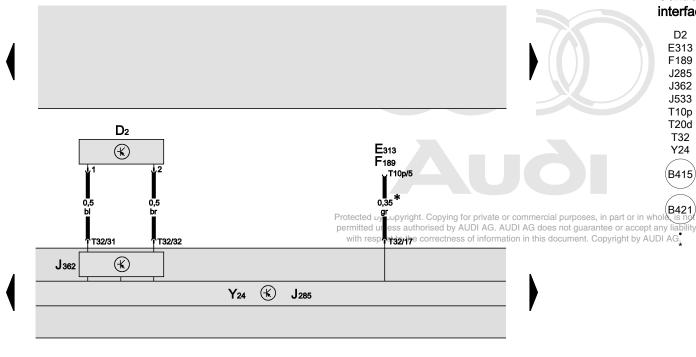


Control unit in dash panel insert, data bus diagnostic interface

- 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
- 724 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)







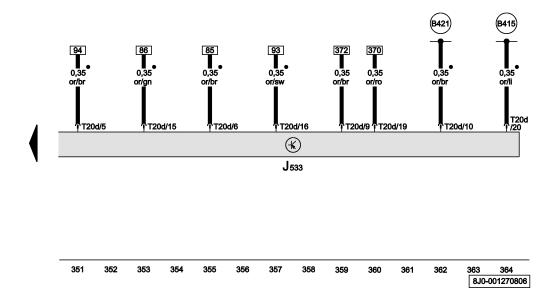
Control unit in dash panel insert, data bus diagnostic interface, immobilizer control unit, immobilizer reader coil

- D2 Immobilizer reader coil
- E313 Selector lever
- F189 Tiptronic switch
- J285 Control unit in dash panel insert
- 362 Immobilizer control unit
- J533 Data bus diagnostic interface
- Γ10p 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

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

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

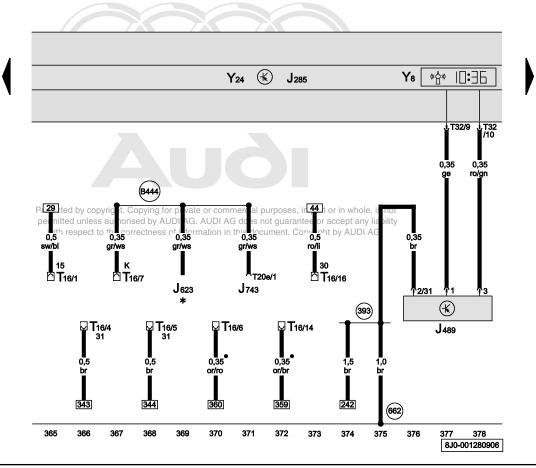
CAN bus (data wire) models with direct shift gearbox 02E



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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)

white

browngreenbluegrey

purpleyellow

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or

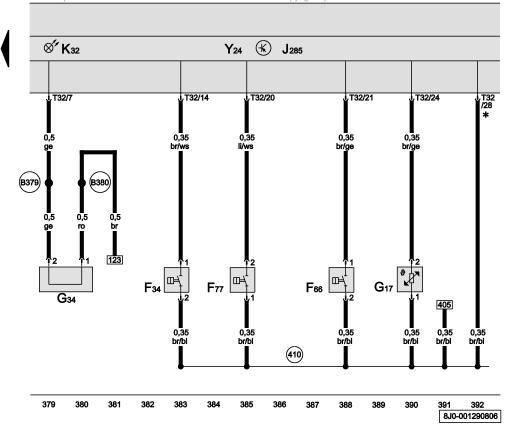
= black = red * ⇒ Engine Current Flow Diagram





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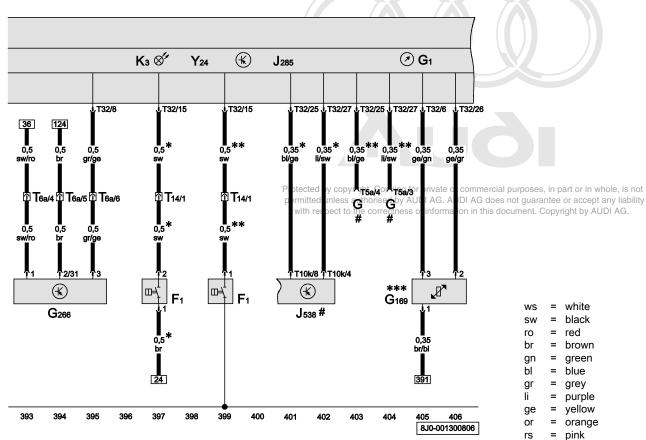
Control unit in dash panel insert, brake fluid level warning contact, ambient temperature sensor, front left brake pad wear sender, brake pad warning lamp, coolant shortage indicator switch, washer fluid warning contact

- 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

white







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

- 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-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 I engine, engine code BWA
- ** 3.2 I engine, engine code BUB
- *** models with four-wheel drive
- # ⇒ Engine Current Flow Diagram

42 G269 **(K)** ሺ **Т**6a/3 ₫ T6a/2 is not **AUDI AG** oes not guarar information in the clocument. Collygight by AUDI 0,35 10,0 10 or/br T3l/1 ** T3l/2 ** T3I/3 ** 30 ↑T5d/2 ↑T5d/3 ↑T5d/4 ↑T5d/5 T5e/1* T2s/2 T5e/2* T5e/4* J500 UT2s/1 ■31 (671) 407 408 410 411 412 413 415 416 417 418 420 8J0-001310408

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
- T3I 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
- Γ6a 6-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

whiteblackredbrowngreenbluegrey

purpleyellow

= orange

= pink

or



- 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:

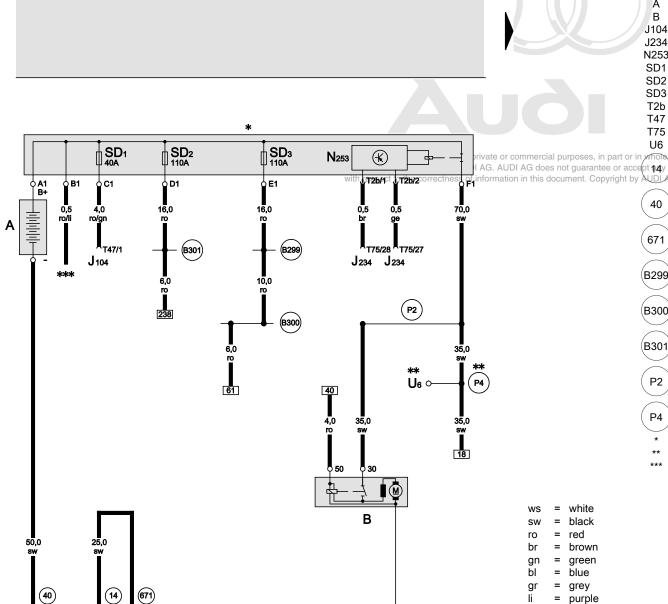
For information concerning

- 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



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8J0-002020410

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

- A Battery
- B Starter
- J104 ABS control unit
- 1234 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
- 4y ∫al⊞arth 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

= yellow

= orange

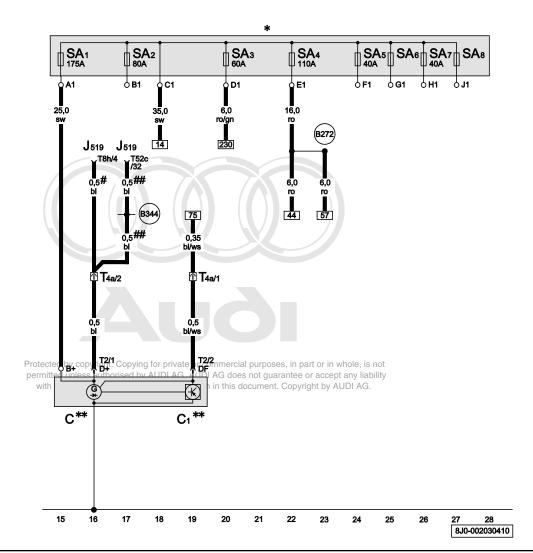
= pink

or

*** ⇒ 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

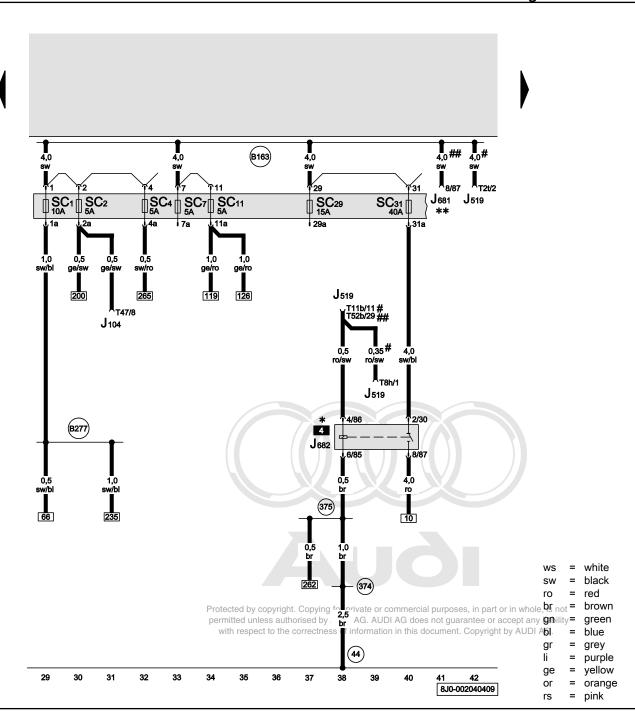
= white

blackredbrowngreenbluegreypurpleyellow

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or



Terminal 50 voltage supply relay, fuses

- J104 ABS control unit Onboard supply control unit Terminal 15 voltage supply relay 2 Terminal 50 voltage supply relay Fuse 1 on fuse holder C SC2 Fuse 2 on fuse holder C Fuse 4 on fuse holder C 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 T8h 8-pin connector, black, connector F, on onboard supply control T11b 11-pin connector, black, connector A, on onboard power supply control unit 47-pin connector, on ABS control unit T52b 52-pin connector, yellow, on onboard supply control unit Earth point, lower part of left A-pillar Earth connection 9, in main wiring harness
- $\Big(\,375\,\Big)\,$ 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

whiteblack

= red = brown = green = blue = grey = purple = yellow

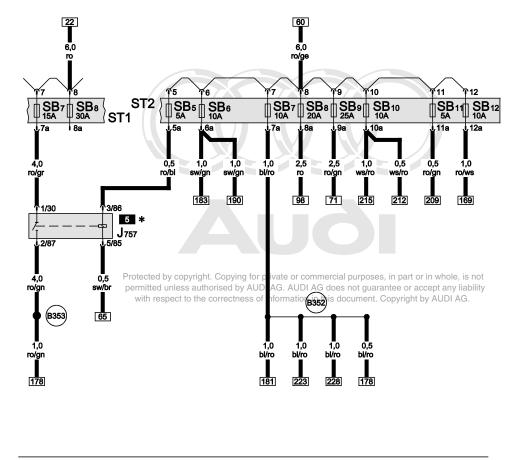
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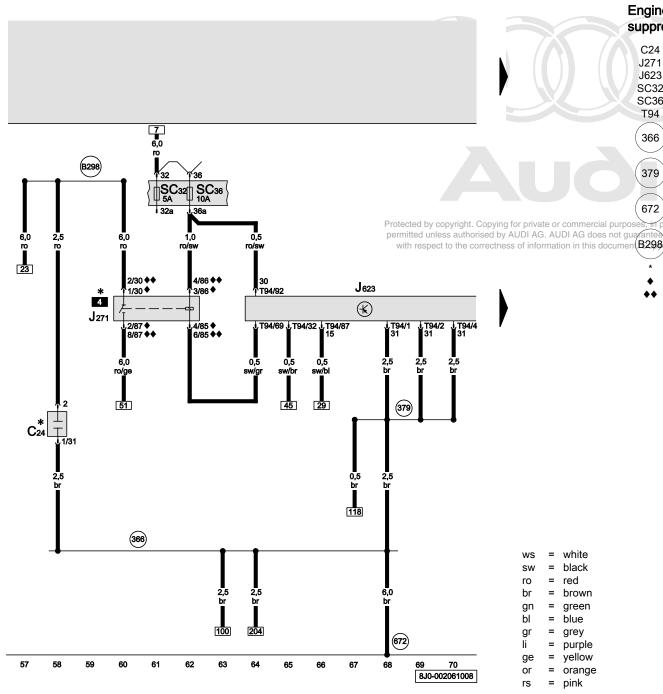
8J0-002051007

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
SB352 Positive connection 3 (87a), in main wiring harness

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

* Relay and fuse carrier in electronics box engine compartment



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
- igg(672igg) Earth point 2, on front of left longitudinal member
- purposes, in part or in whole, is not
 - (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



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8J0-002070409



J623 (K) T94/3 JT94/5 JT94/6 T94/65 T94/67 T94/68 T94/86 T94/18 0,35** 0,35 or/br 0.35 0,35 ro/gn or/sw gr/ws sw/ws ro/gn bl/ws (B351) 19 (B444) (B383) (B390) 0,35 or/<u>s</u>w 0,35 or/br 0,35 or/br 0,35 or/sw 0,35 gr/ws T20d /6 T20d /16 [™]T20e [™]T20e /15 T20e /10 T20c /13 J 533 J743 J743 J743 J527 E45

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

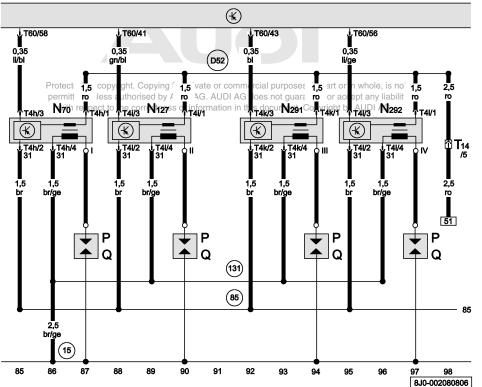
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T16 16-pin connector, diagnostic connector
- T20c 20-pin connector, black, connector A, on steering column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

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- with resp B383 eConnection 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



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sw = black
ro = red
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gn = green
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gr = grey
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ge = yellow
or = orange
rs = pink

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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
- T4I 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

whiteblackred

browngreenbluegreypurpleyellow

= orange

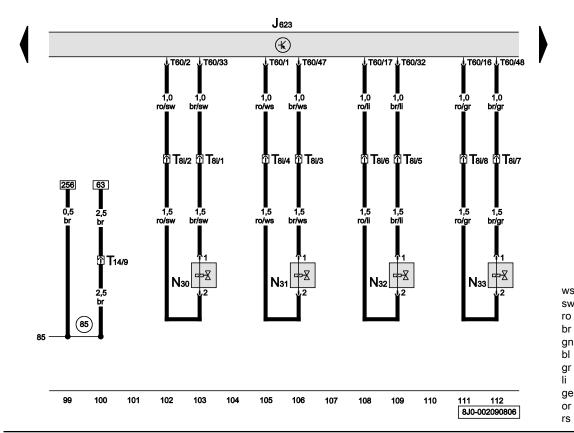
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Engine control unit, injector cylinder 1 up to 4

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

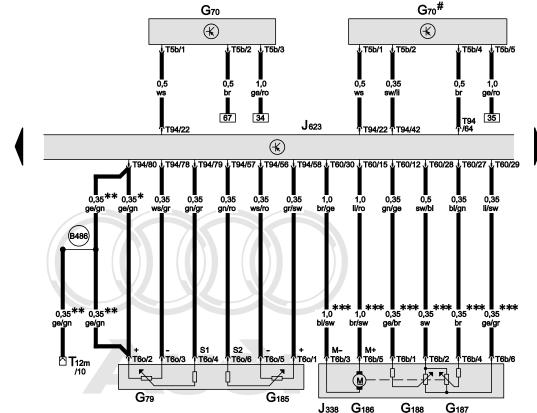
T14 14-pin connector, black, on front left in engine compartment

60 60-pin connector, on engine control unit

85 Earth connection 1, in engine compartment wiring harness







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113 114 115 116 117 118 119 120 121 122 123 124 125 126 8J0-002100409

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

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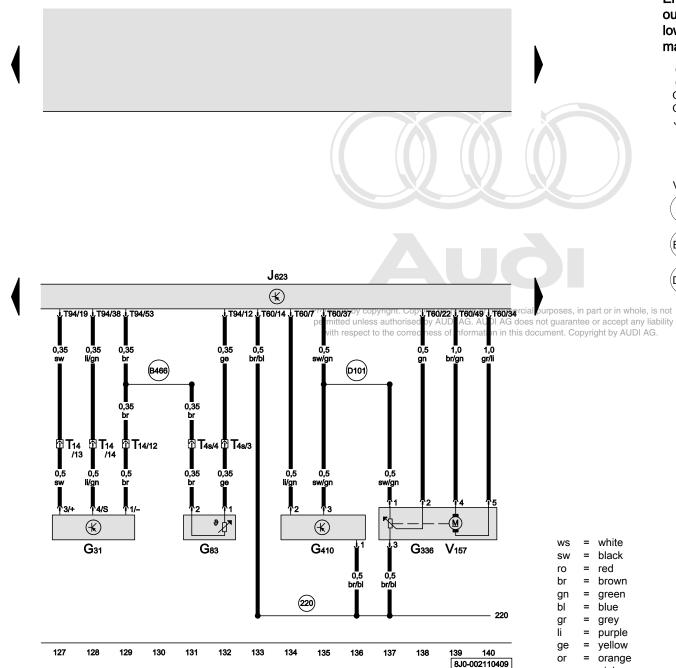
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- *** phased-in modification
- # only 2.0 I engine, engine code CDMA, CDLB

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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

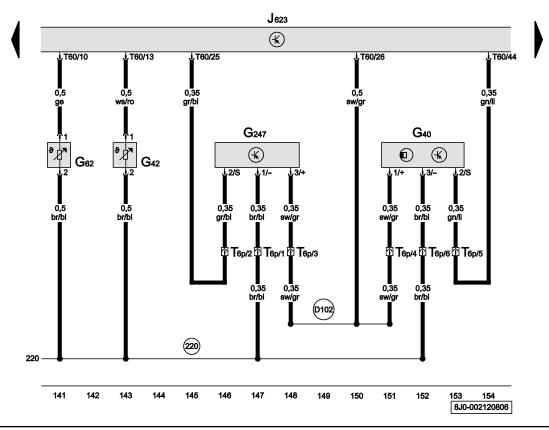
- G31 Charge air pressure sender
- 383 Radiator outlet coolant temperature sender
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- T4s 4-pin connector, black, in front left engine compartment
- T14 14-pin connector, black, on front left 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
 - 101) Connection 1, in engine compartment wiring harness





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
- 6-pin connector, black, on front of engine
- T60 60-pin connector, on engine control unit
- Earth connection (sender earth), in engine wiring harness
- (D102) Connection 2, in engine compartment wiring harness





= white WS

sw = black

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purple

= yellow or = orange

= 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

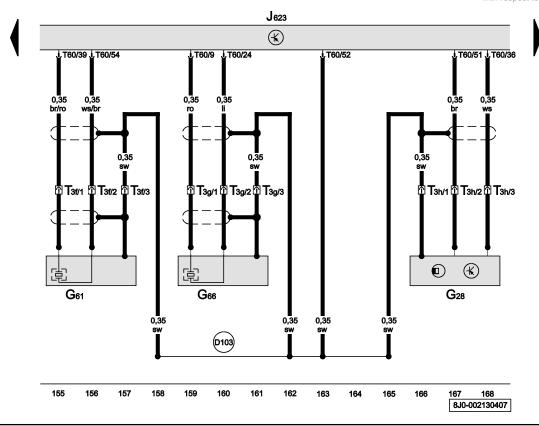
T3h 3-pin connector, grey, on Hall sender 2

0 60-pin connector, on engine control unit

Connection 3, in engine compartment wiring harness



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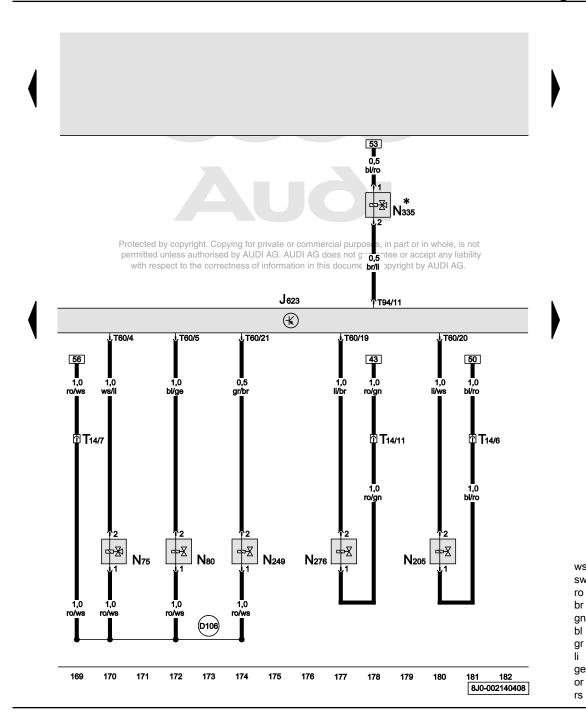
brown

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bluegreypurpleyellow

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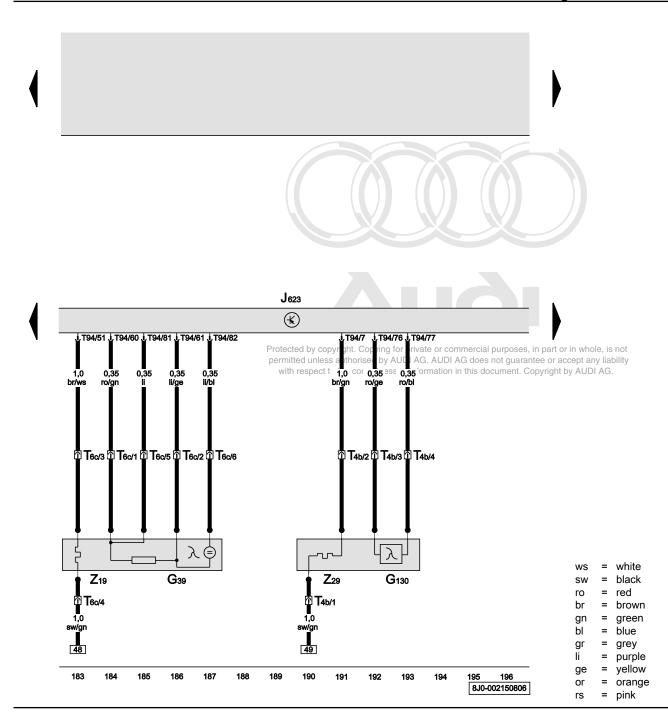
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Engine control unit, activated charcoal filter solenoid valve 1, inlet camshaft control valve 1, turbocharger air recirculation valve, fuel pressure regulating valve, charge pressure control solenoid valve

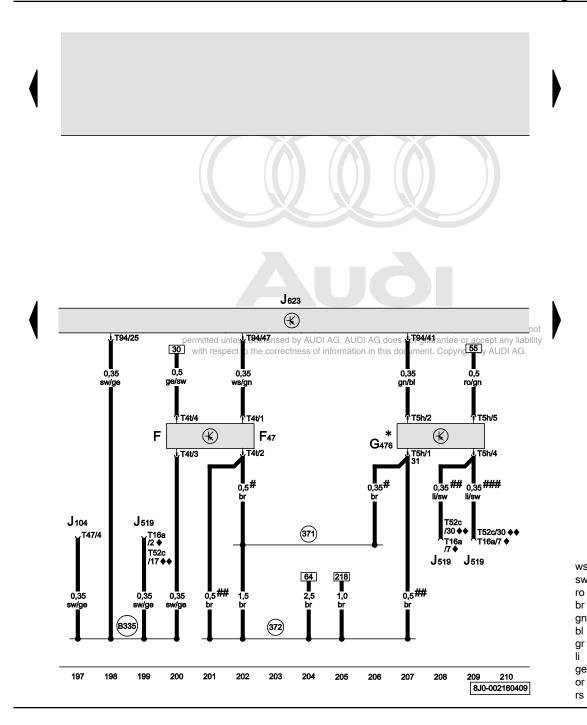
- N75 Charge pressure control solenoid valve
 N80 Activated charcoal filter system solenoid valve 1
 N205 Inlet camshaft control valve 1
 N249 Turbocharger air recirculation valve
 N276 Fuel pressure regulating valve
 N335 Variable intake manifold change-over valve
 T14 14-pin connector, black, on front 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 I engine, engine code CDMA, CDLB



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, cutch 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
- ♦♦ from June 2009

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= black

= brown = green

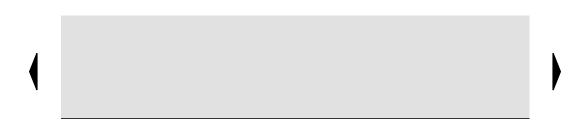
bluegreypurpleyellow

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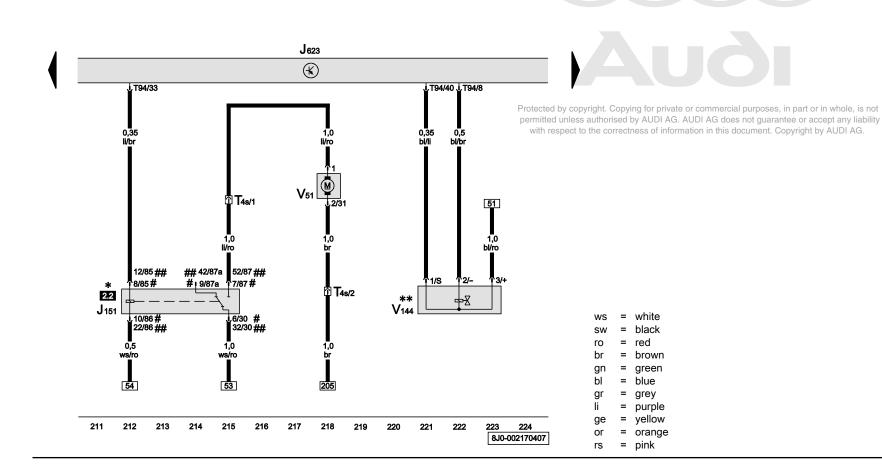
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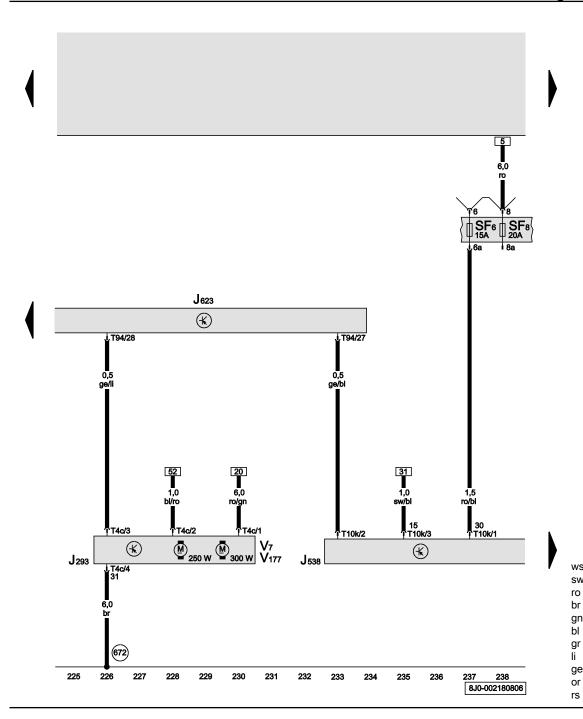




Engine control unit, continued coolant circulation relay, continued coolant circulation pump, fuel system diagnostic pump

- 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





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
- F8 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
- Γ94 94-pin connector, on engine control unit
- V7 Radiator fan

whiteblackredbrowngreenbluegrey

purpleyellow

= orange

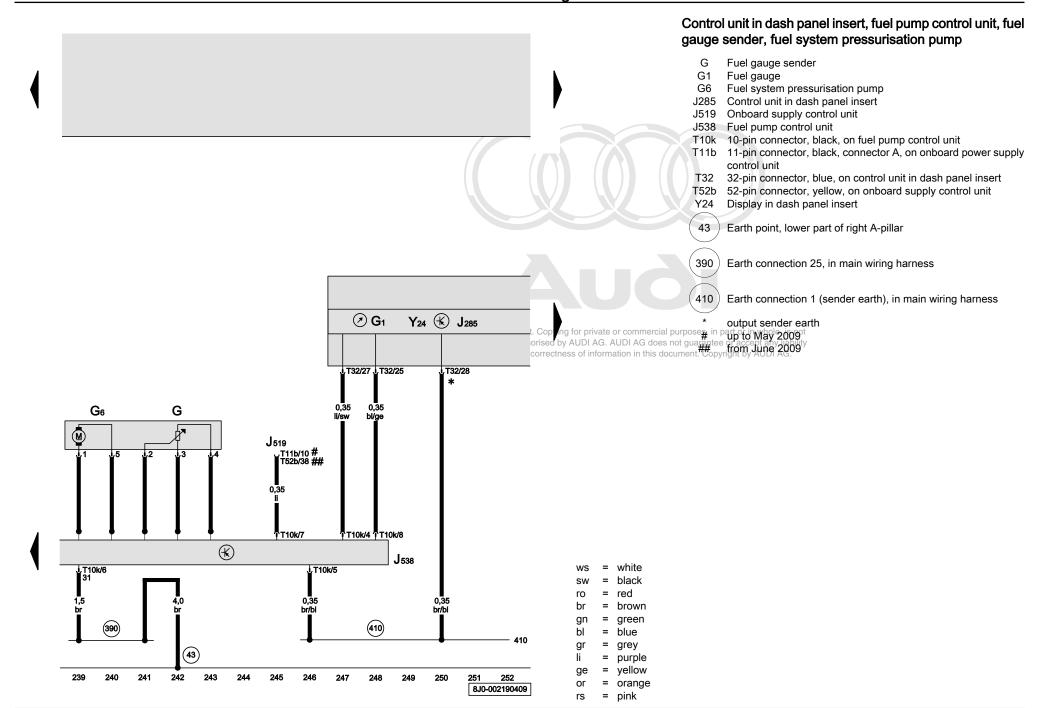
= pink

- V177 Radiator fan 2
- Earth point 2, on front of left longitudinal member

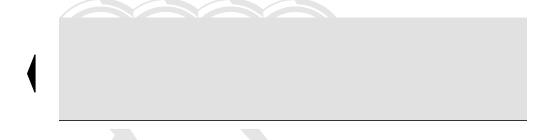


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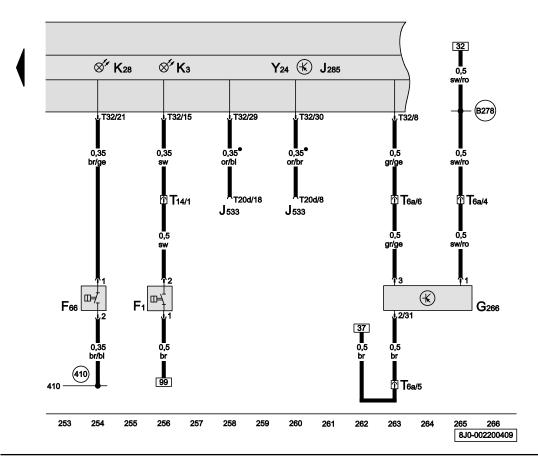








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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

= white

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

G 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)



- 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

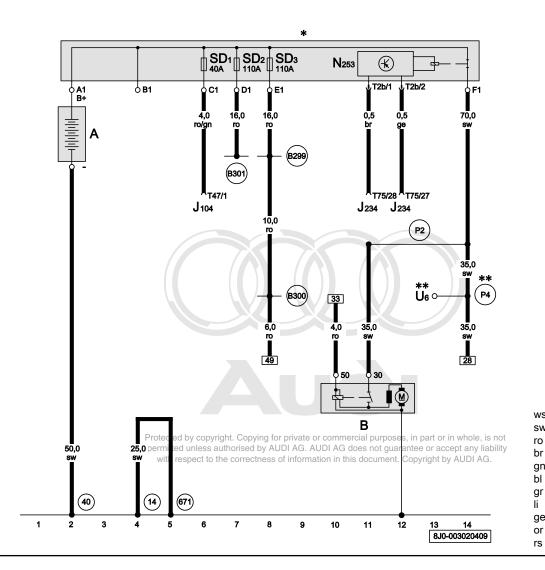
- Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding



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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
- $\left(egin{array}{c} 40 \end{array}
 ight)$ 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

= white

= black

= brown

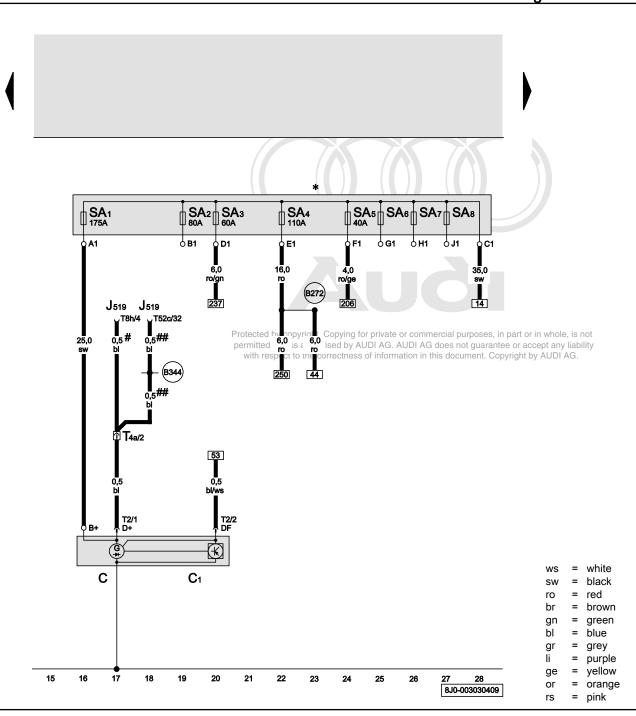
greenbluegrey

purpleyellow

= orange

= pink

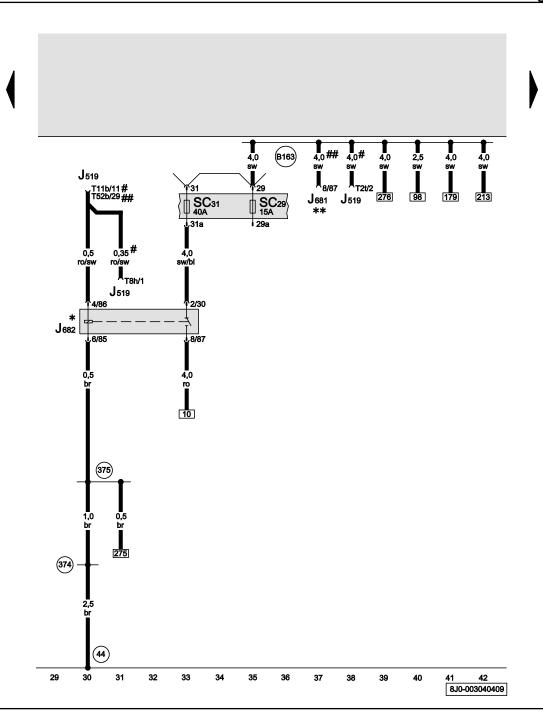
= red



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

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- (Bi163) Positive connection 1/(15), tim interior wiring harness to AUDI AG.
 - * Relay carrier under left dash panel
- ** Relay carrier on onboard power supply control unit
- # up to May 2009
- ## from June 2009

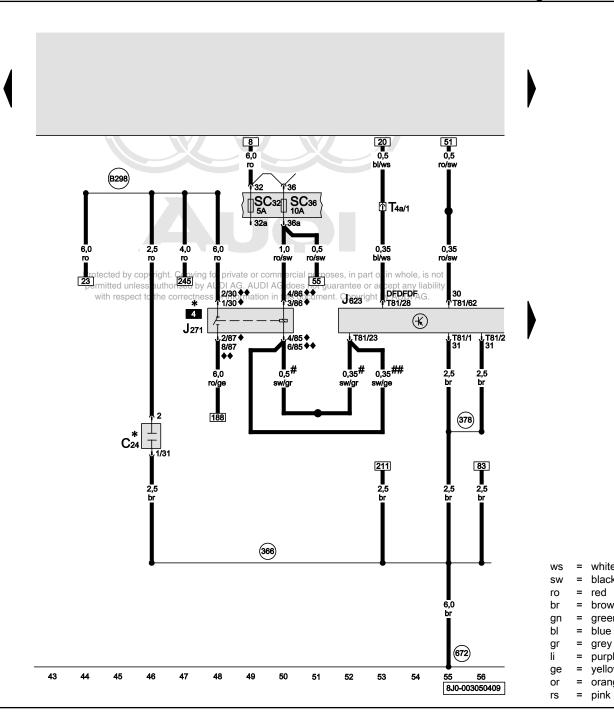
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purpleyellow

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= pink

or



Engine control unit, Motronic current supply relay, suppression filter

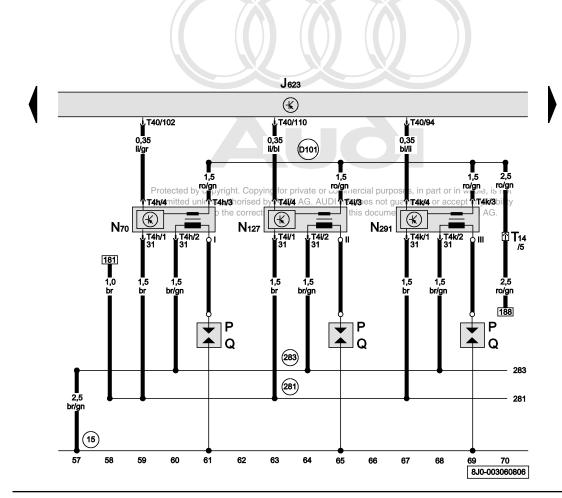
- C24 Suppression filter
- J271 Motronic current supply relay
- J623 Engine control unit
- SC32 Fuse 32 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T4a 4-pin connector, black, on front left in engine compartment
- T81 81-pin connector, black, on engine control unit
- Earth connection 1, in main wiring harness
- Earth connection 13, in main wiring harness
- Earth point 2, on front of left longitudinal member
- 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

white = black = red brown green blue

purple = yellow

= orange





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

= white

= black = red

browngreenbluegrey

purpleyellow

= orange

= pink

or

- 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





J₆₂₃ **(K)** T40/111 T40/103 T40/95 0,35 li/ws 0,35 li/gn (D102) 1,5 ro/gn 1,5 ro/gn 56 T4m/3 T4n/4 2,5 br 2,5 ro/gn **(K)** N292 N324 N323 T4l/2 31 T4m/1 T4m/2 V ,T4n/1 31 T4n/2 VI Δiv ₫ **T**14 /10 ₫ T₁₄ 191 1,5 br/gn br/gn br/gn ro/gn **♣** Q **↑** | Ω **≄**JQ 283 (281) 71 72 73 74 75 76 77 81 82 84 8J0-0030760806

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

whiteblack

= red

browngreenbluegreypurpleyellow

= orange

= pink

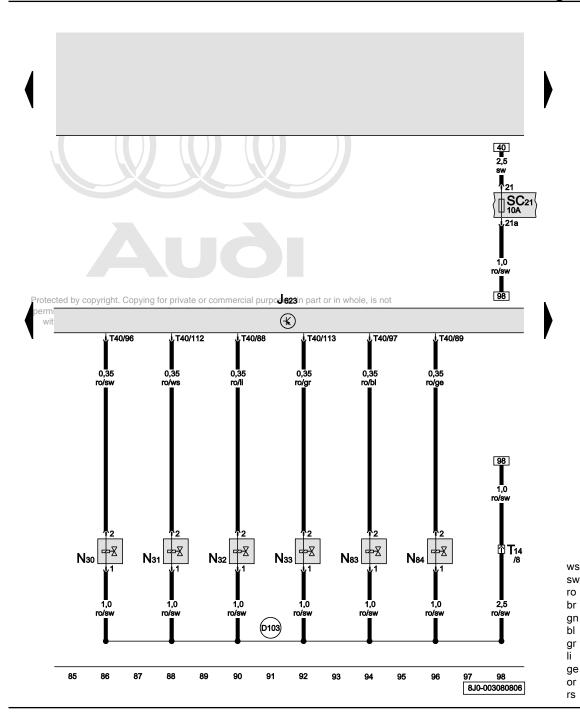
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or

- Γ4I 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
- Γ40 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



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Engine control unit, injector cylinder 1 up to 6

(D103)

whiteblackred

= brown

= green

= orange

= pink

bluegreypurpleyellow

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

Connection 3, in engine compartment wiring harness

= white

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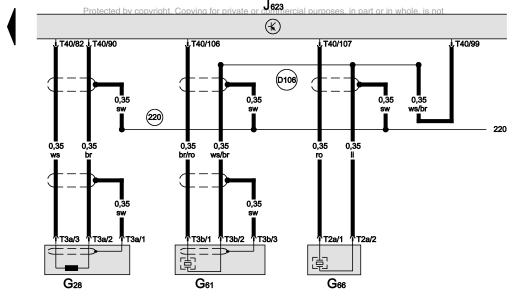
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or



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99 100 101 102 103 104 105 106 107 108 109 110 111 112 8J0-003090806

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

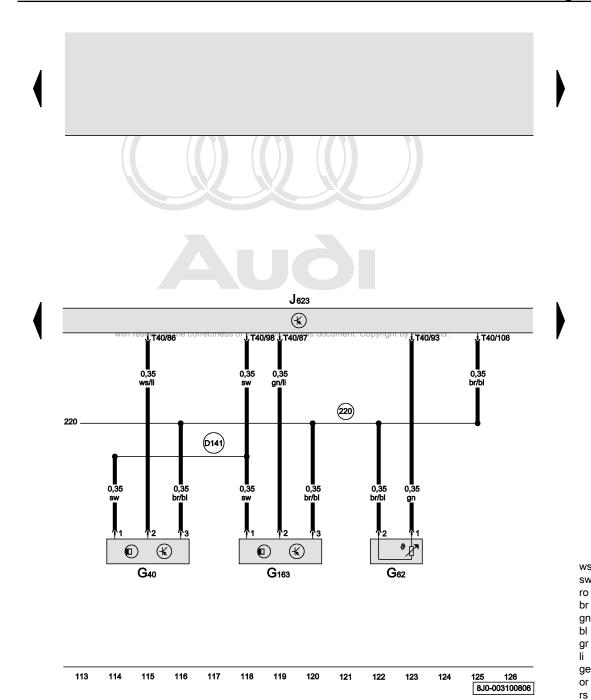
220 Earth connection (sender earth), in engine wiring harness

(D106) Connection 4, in engine compartment wiring harness

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= orange

= pink



Engine control unit, Hall sender, coolant temperature sender

G40 Hall sender

G62 Coolant temperature sender

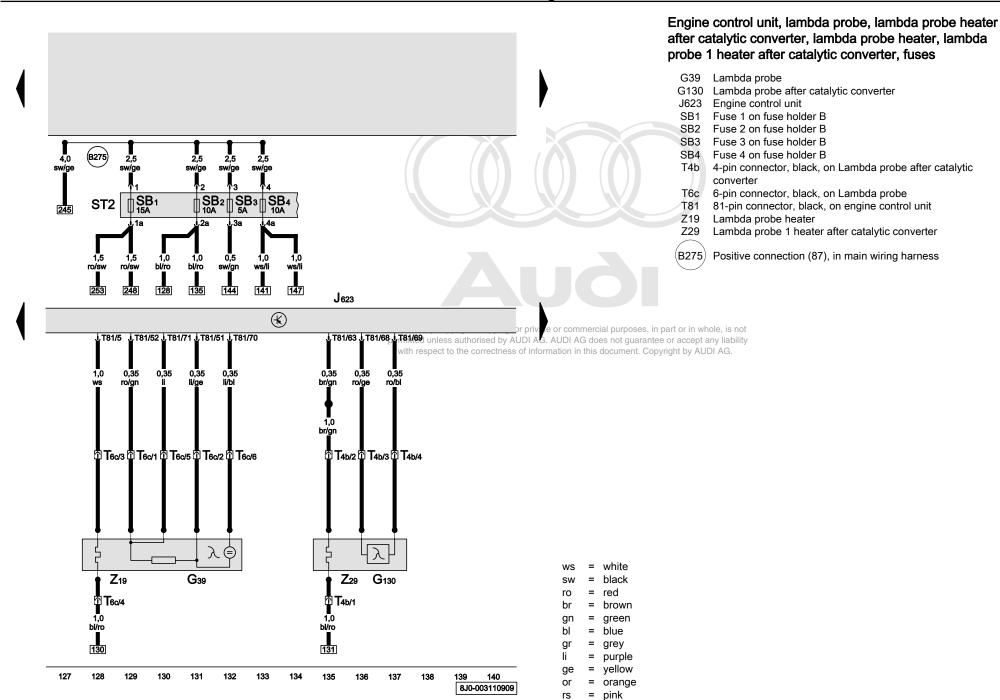
G163 Hall sender 2

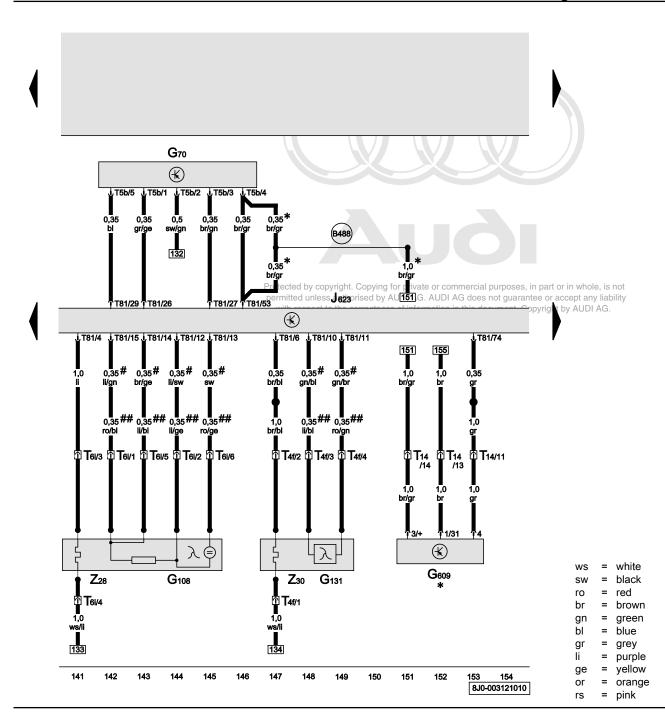
J623 Engine control unit

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





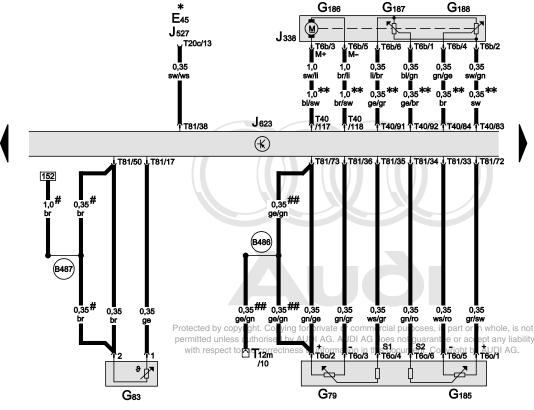
Engine control unit, lambda probe 2, lambda probe 2 after catalytic converter, lambda probe 2 heater, lambda probe 2 heater after catalytic converter, air mass meter, secondary air injection sensor 1

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 6-pin connector, brown, on the Lambda probe 2 T14 14-pin connector, black, on front left in engine compartment 81-pin connector, black, on engine control unit Lambda probe heater 2 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







161

163

164

165

166

168

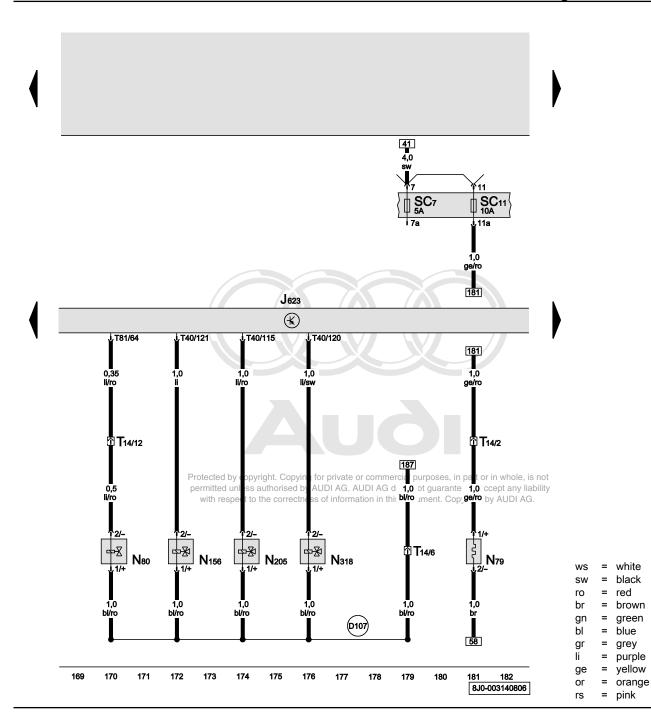
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ro = red
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gn = green
bl = blue
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ge = yellow
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Engine control unit, radiator outlet coolant temperature sender, throttle valve module, accelerator position sender

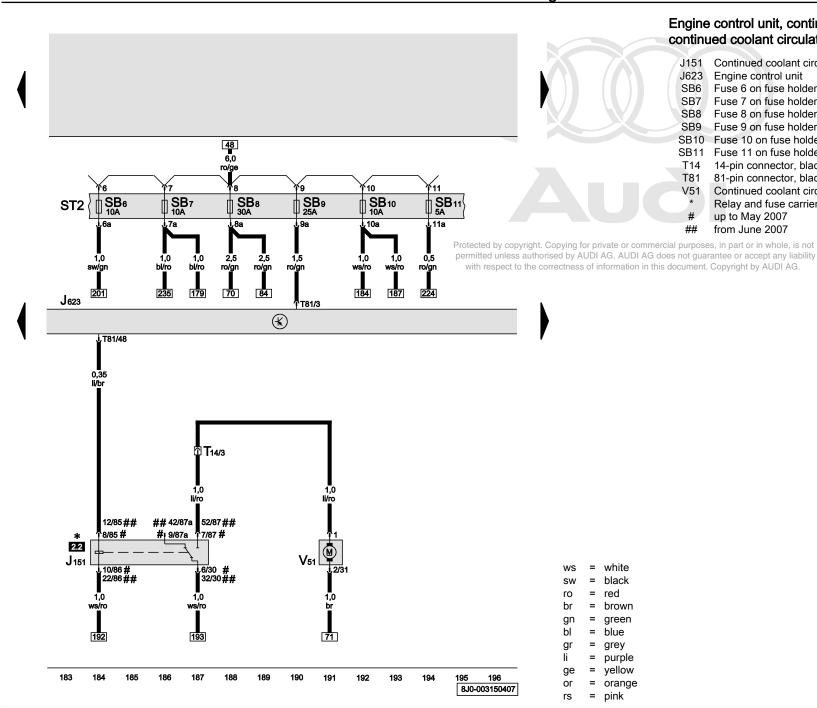
- E45 Cruise control system switch
- G79 Accelerator position sender
- G83 Radiator outlet coolant temperature sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive (electric power control)
- G187 Throttle valve drive angle sender 1 for electric throttle
- Throttle valve drive angle 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
- 40 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



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

Connection 5, in engine compartment wiring harness

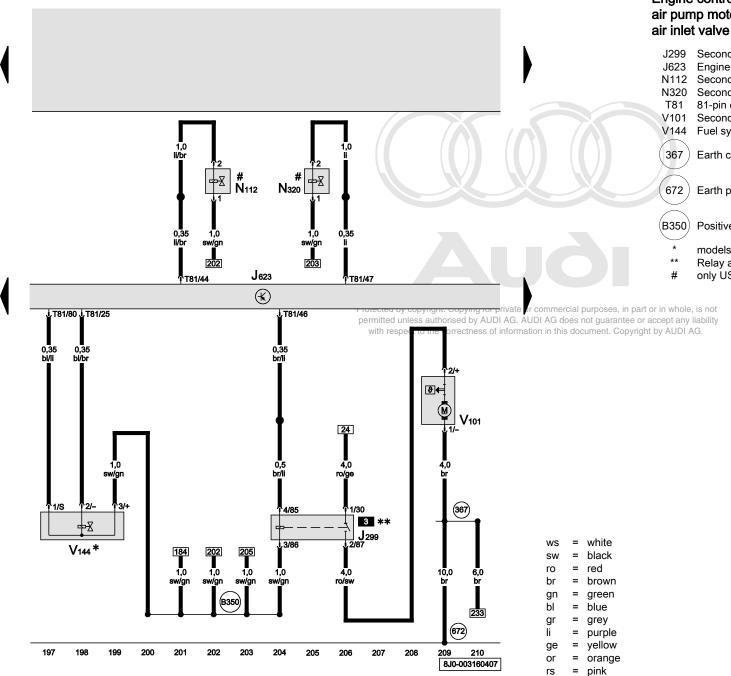


Engine control unit, continued coolant circulation relay, continued coolant circulation pump, fuses

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
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

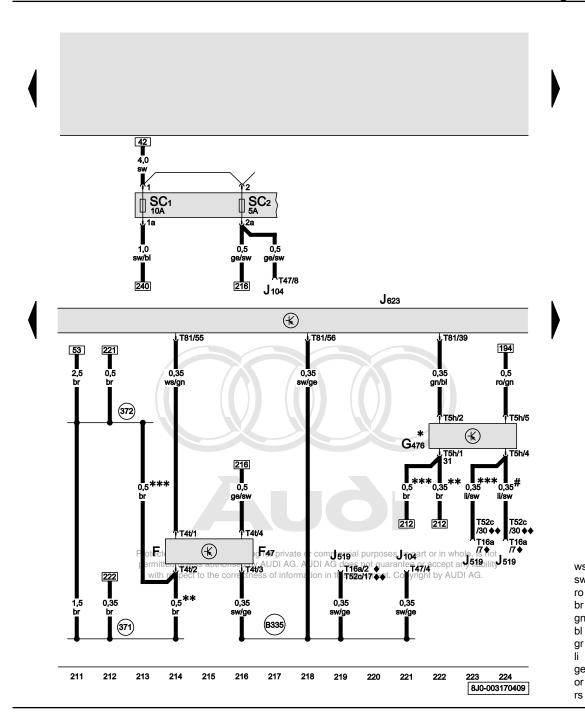
* Relay and fuse carrier in electronics box engine compartment
up to May 2007
from June 2007

al purposes, in part or in whole, is not



Engine control unit, secondary air pump relay, secondary air pump motor, fuel system diagnostic pump, secondary

- J299 Secondary air pump relay
- J623 Engine control unit
- N112 Secondary air inlet valve
- Secondary air inlet valve 2
- 81-pin connector, black, on engine control unit
- Secondary air pump motor
- Fuel system diagnostic pump
- Earth connection 2, in main wiring harness
- Earth point 2, on front of left longitudinal member
- 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



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

- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- 1623 Engine control unit
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- 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
- T81 81-pin connector, black, 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

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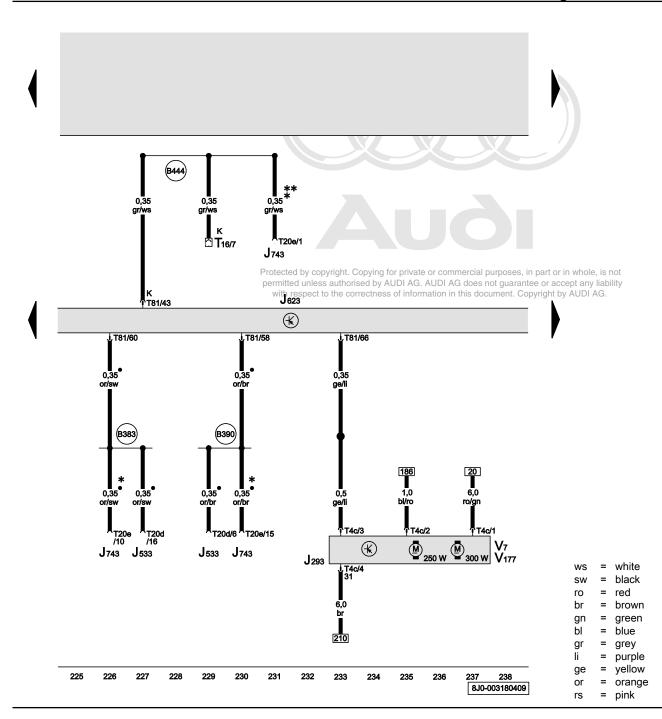
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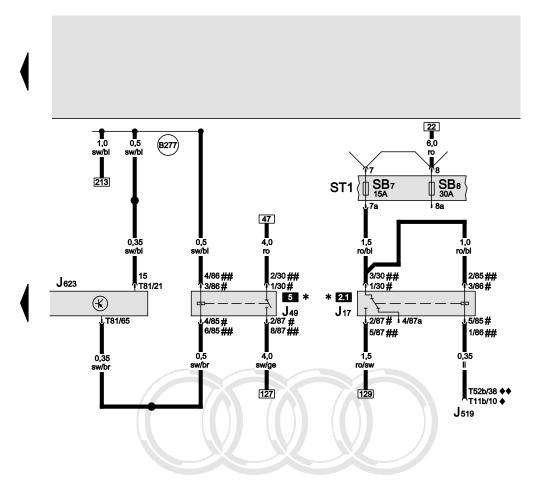
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Engine control unit, radiator fan control unit, radiator fan

- 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
- Γ81 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



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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

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

* Relay and fuse carrier in electronics box engine compartment

up to May 2007

from June 2007

♦♦ from June 2009





⊗″ K₂₈ ⊗″ **K**₃ √ G₁ Y24 K J285 T32/27 JT32/25 T32/28 T32/21 T32/15 T32/26 JT32/6 0,35 li/sw 0,35 0,35 0,35 0,35 ge/gr ₾ T14/1 1,5 ro/sw G₁₆₉ ↑T5a/3 ↑T5a/4 ↑T5a/1 G ,T5a/5 T5a/2 0,35 br/bl 0,35 br/bl 0,35 0,35 br/bl br/bl (410) **43** 254 255 263 264 266 8J0-003200806 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

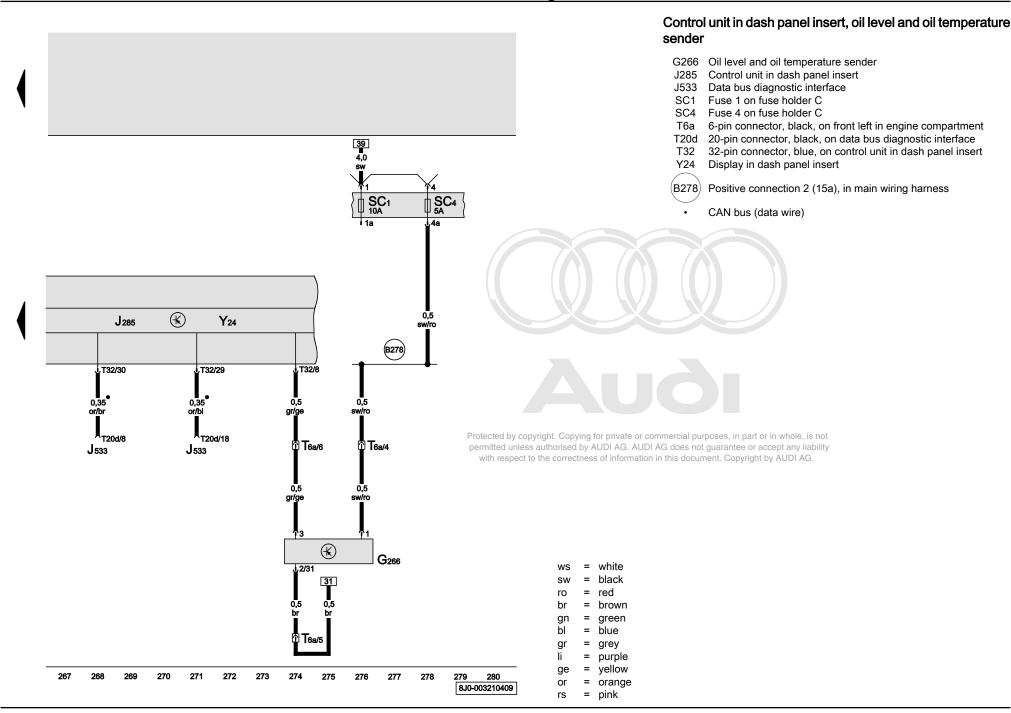
- F1 Oil pressure switch
- F66 Coolant shortage indicator switch
- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- 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

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or = orange
rs = pink







Direct shift gearbox 02E

from model year 2007

Notes:

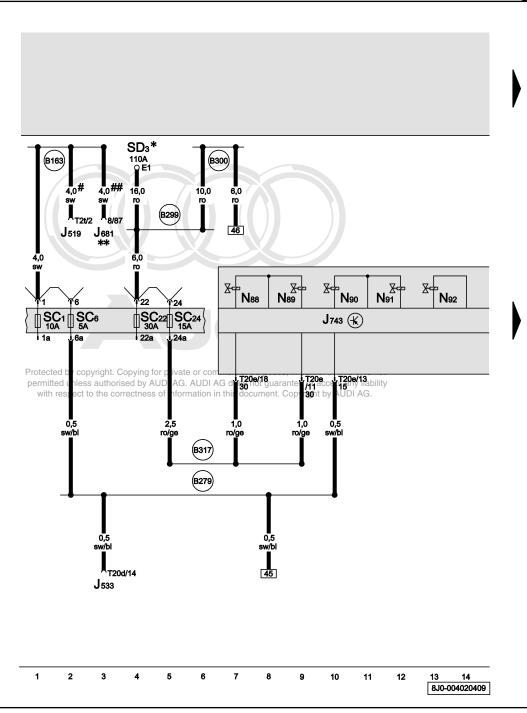
For information concerning

- 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



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Mechatronic unit for dual clutch gearbox, solenoid valves, fuses

```
J519 Onboard supply control unit
       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
       Solenoid valve 3
N90
       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
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
       Positive connection 3 (15a), in main wiring harness
       Positive connection 3 (30), in main wiring harness
       Positive connection 4 (30), in main wiring harness
       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

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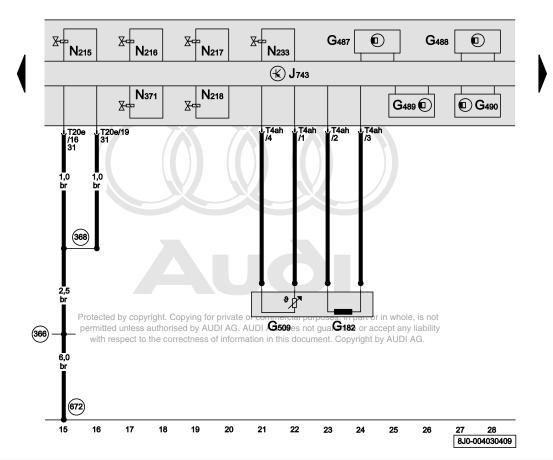
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= red = brown = green = blue = grey

or







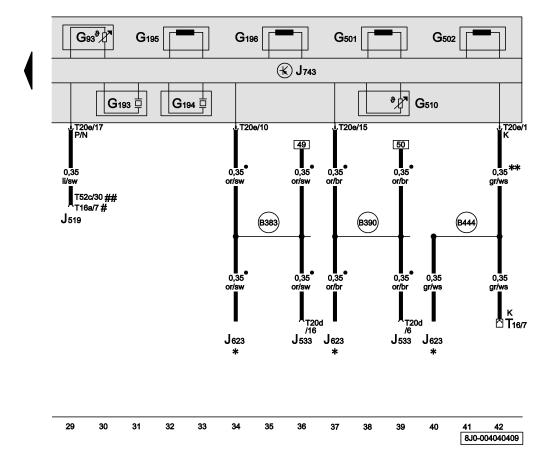
Mechatronic unit for dual clutch gearbox, gearbox input speed sender, gear selector movement sensors, clutch temperature sender, automatic gearbox pressure regulating valves

```
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
      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
      Automatic gearbox pressure regulating valve 5
N371 Automatic gearbox pressure regulating valve 6
      4-pin connector, on mechatronic unit for dual clutch gearbox
      Earth connection 1, in main wiring harness
      Earth connection 3, in main wiring harness
```

Earth point 2, on front of left longitudinal member







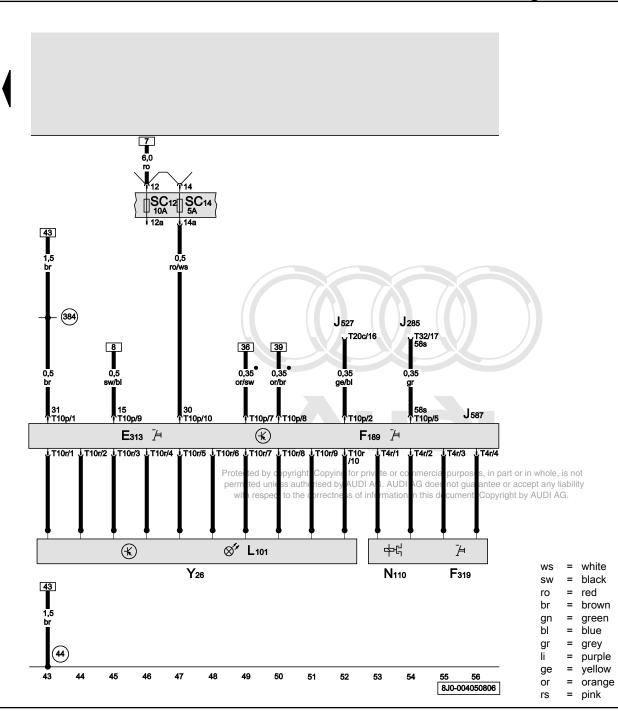
Mechatronic unit for dual clutch gearbox, gearbox oil temperature sender, temperature sender in control unit, diagnosic connetion

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 Connection 1 (drive train CAN bus, low), in main wiring harness Connection 1 (diagnosis), in main wiring harness CAN bus (data wire) ⇒ Engine Current Flow Diagram Is dropped from June 2008 up to May 2009

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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



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)



Airbag

from model year 2007

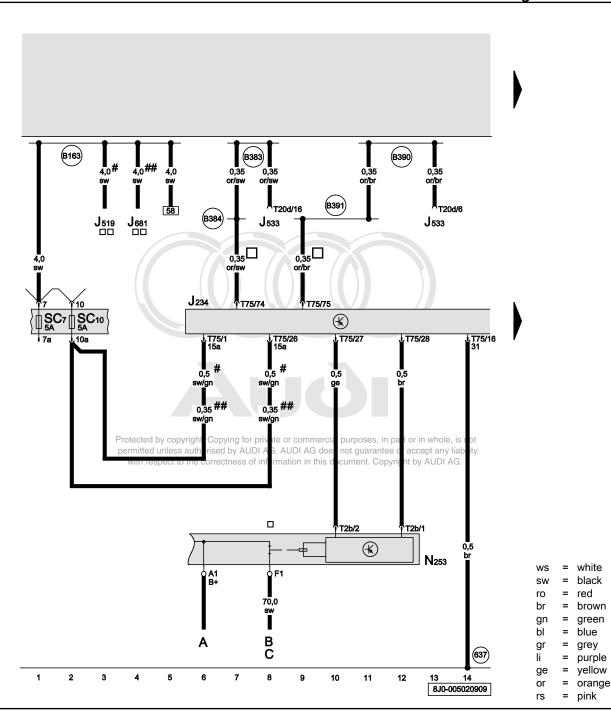
Notes:

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



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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
 - 2b 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





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

T5c 5-pin connector, yellow, behind the dash panel, right

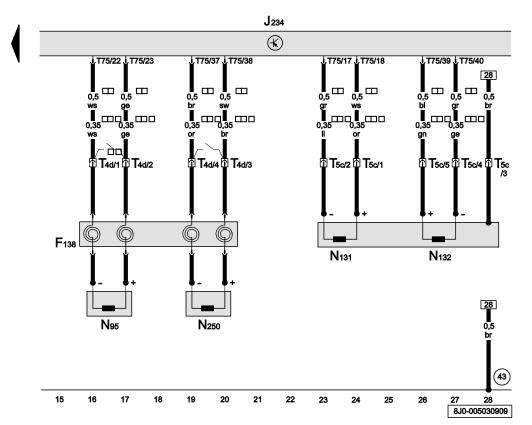
75 75-pin connector, yellow, on airbag control unit

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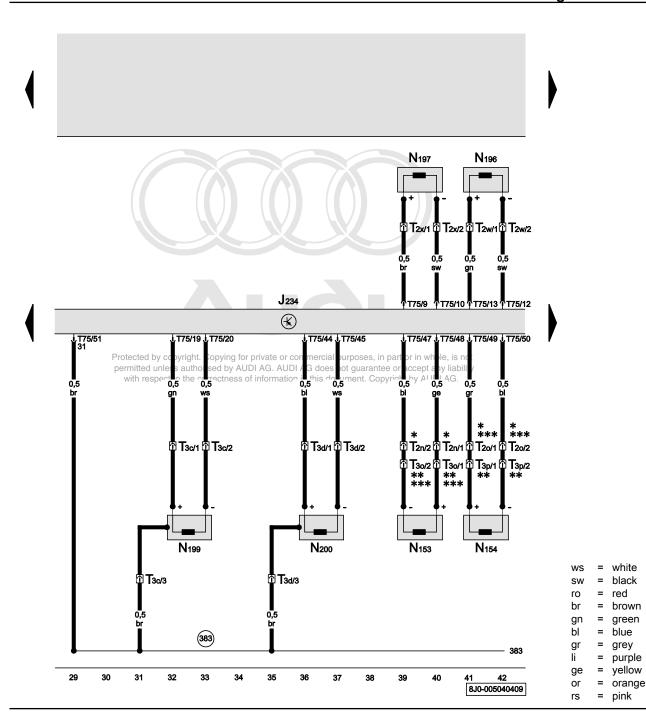
with respect to the correctness of information in this document. Convigint by AUDI AG snort circuit bridge becomes effective when connector is unplugged

* 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

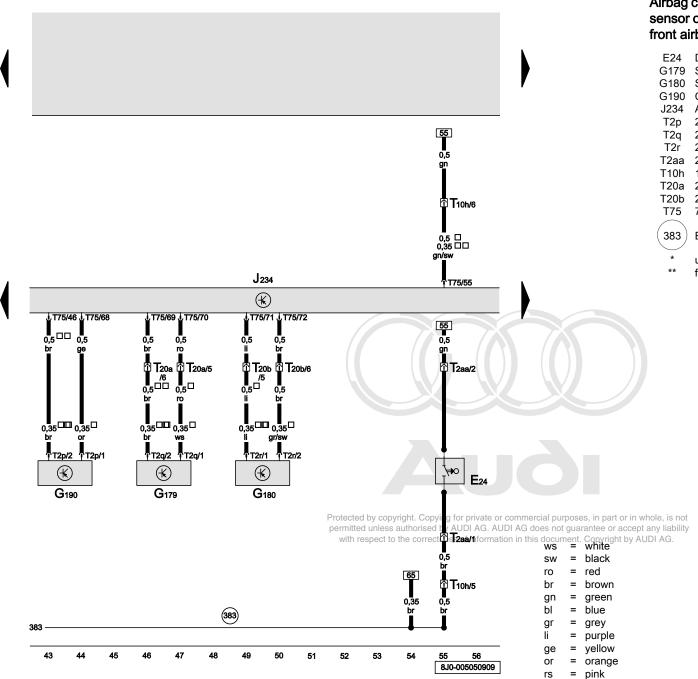
- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger side seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on front passenger side
- N199 Side airbag igniter on driver side
- Side airbag igniter 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
 - 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
- Earth connection 18, in main wiring harness
 - Coupé
- Roadster

brown

blue

purple

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

= white

= black

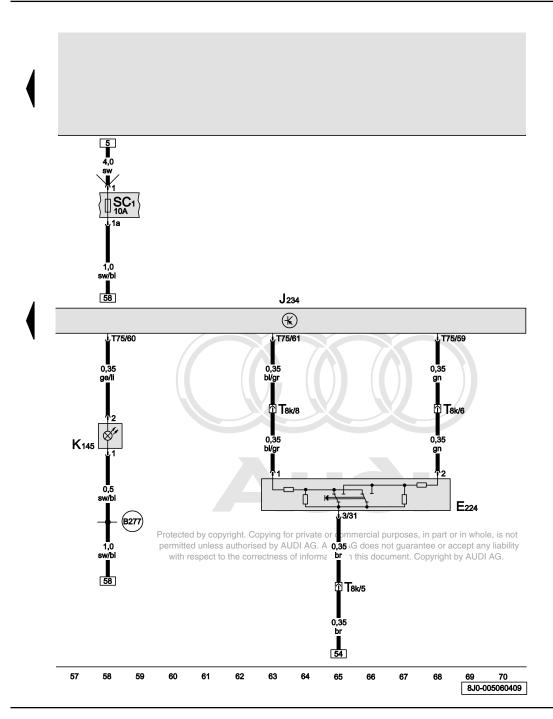
redbrowngreen

bluegreypurpleyellow

= orange

= pink

or



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:

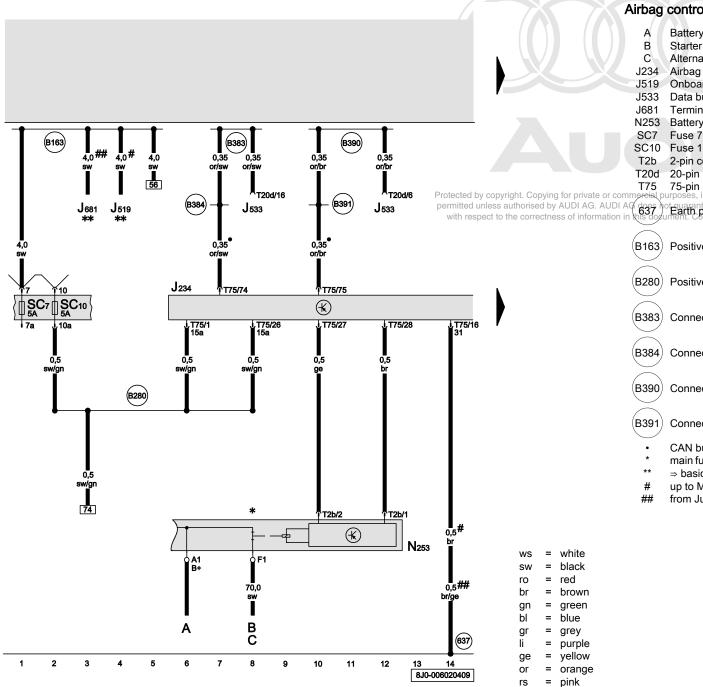
For information concerning

- ♦ 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



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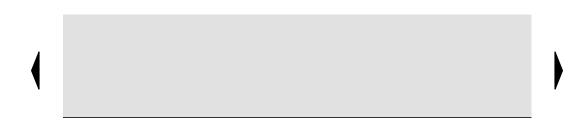


Airbag control unit, battery isolation igniter

- Battery
- Alternator
- J234 Airbag control unit
- J519 Onboard supply control unit
- Data bus diagnostic interface
- Terminal 15 voltage supply relay 2
- Battery isolation igniter
- Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- 2-pin connector, purple, on battery isolation igniter
- 20-pin connector, black, on data bus diagnostic interface
- 75-pin connector, yellow, on airbag control unit
- Earth point, airbag control unit
- Positive connection 1 (15), in interior wiring harness
- Positive connection 4 (15a), in main wiring harness
- Connection 1 (powertrain CAN bus, high), in main wiring harness
- Connection 2 (powertrain CAN bus, high), in main wiring harness
- Connection 1 (powertrain CAN bus, low), in main wiring harness
- 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

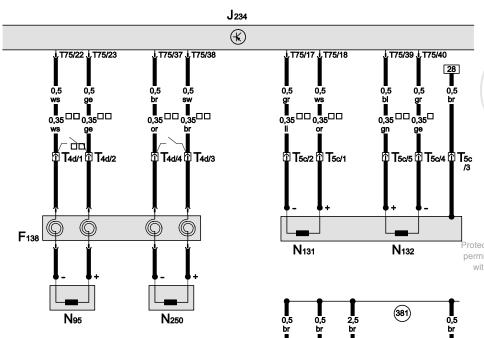


16



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
- 195 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



21

22

43

23

47

24

(43)

26

25

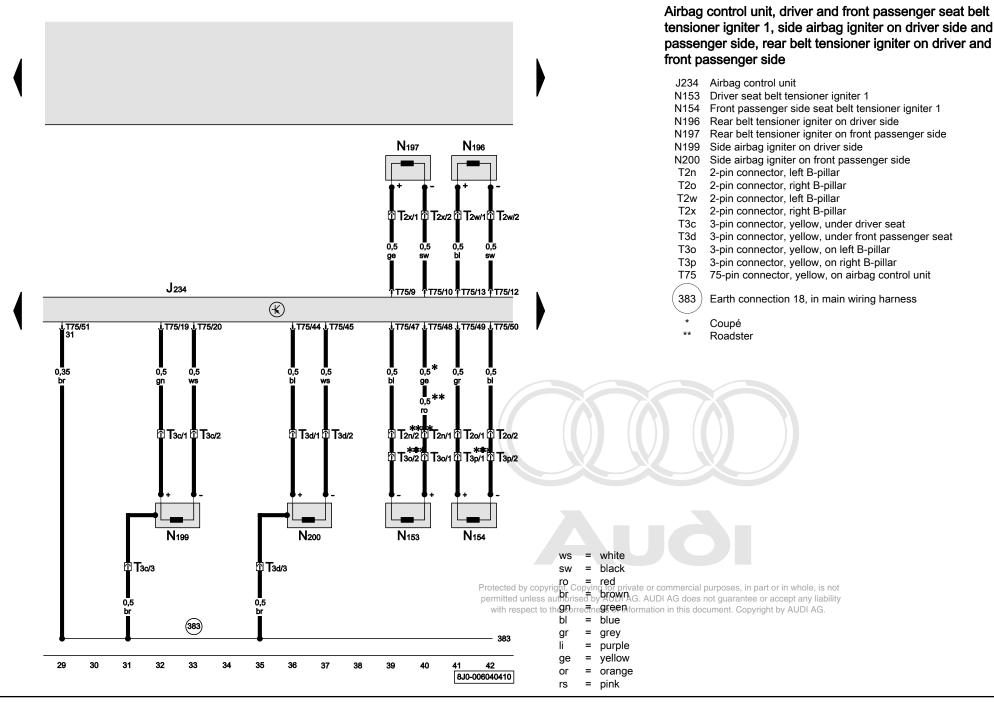
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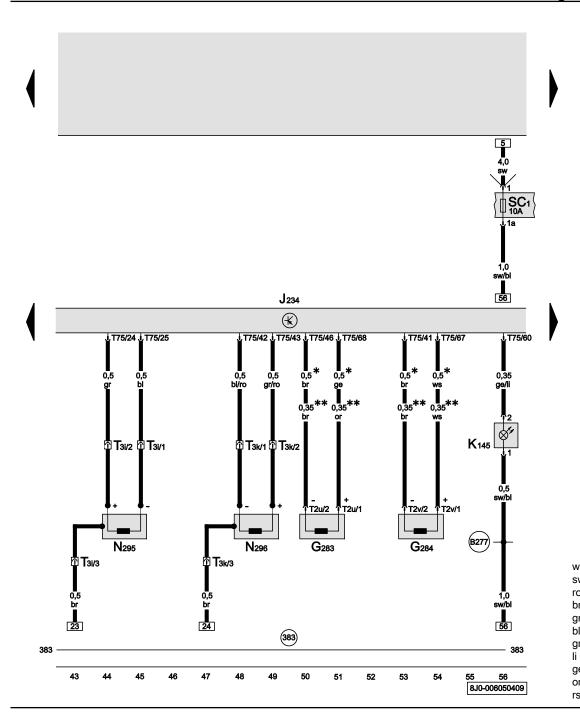
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sw = black
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br = brown
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ge = yellow
or = orange
rs = pink

28

28

8J0-006030909





Airbag control unit, front airbag crash sensor for driver side and front passenger, driver side and front passenger knee airbag igniter, front passenger side airbag deactivated warning lamp

- G283 Front airbag crash sensor for driver side
- G284 Front airbag crash sensor for front passenger side
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- N295 Driver side knee airbag igniter
- N296 Front passenger side knee airbag igniter
- C1 Fuse 1 on fuse holder C
- T2u 2-pin connector, yellow, in front left engine compartment
- T2v 2-pin connector, yellow, in front right engine compartment
- T3i 3-pin connector, yellow, on driver side knee airbag igniter
- T3k 3-pin connector, yellow, on front passenger side knee airbag igniter
- T75 75-pin connector, yellow, on airbag control unit
- (383) Earth connection 18, in main wiring harness
- (B277) Positive connection 1 (15a), in main wiring harness
 - * up to May 2009
- ** from June 2009

= white = black = red = brown

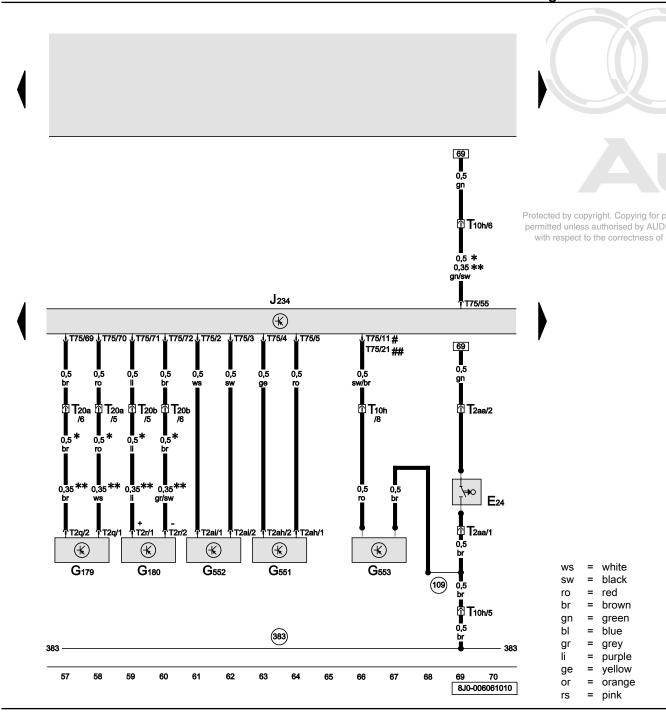
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greypurpleyellow

= orange

= pink

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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 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 75-pin connector, yellow, on airbag control unit Earth connection, in airbag wiring harness Earth connection 18, in main wiring harness
- up to May 2009 from June 2009 up to May 2010 from June 2010

= white

= red = brown

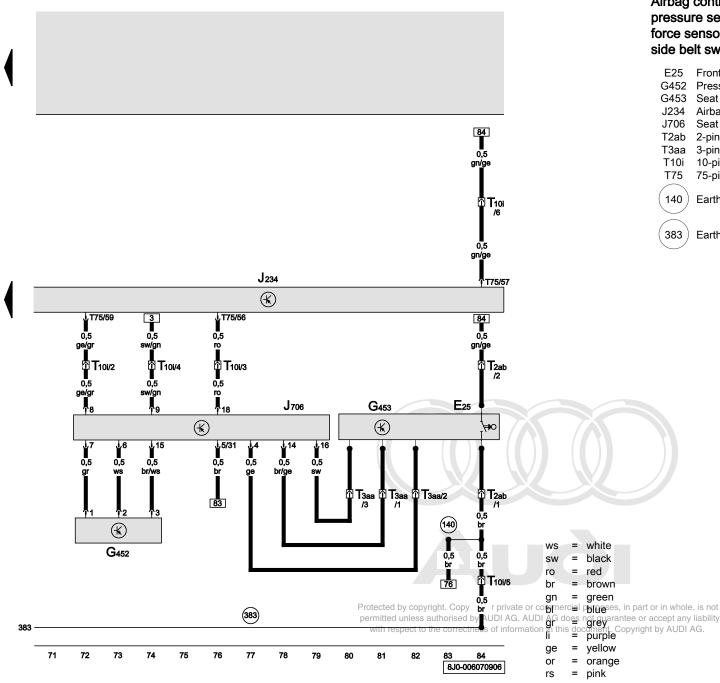
or

black

green = blue = grey = purple = vellow

= orange

= 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
- 2ab 2-pin connector, in front passenger seat
- Baa 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:

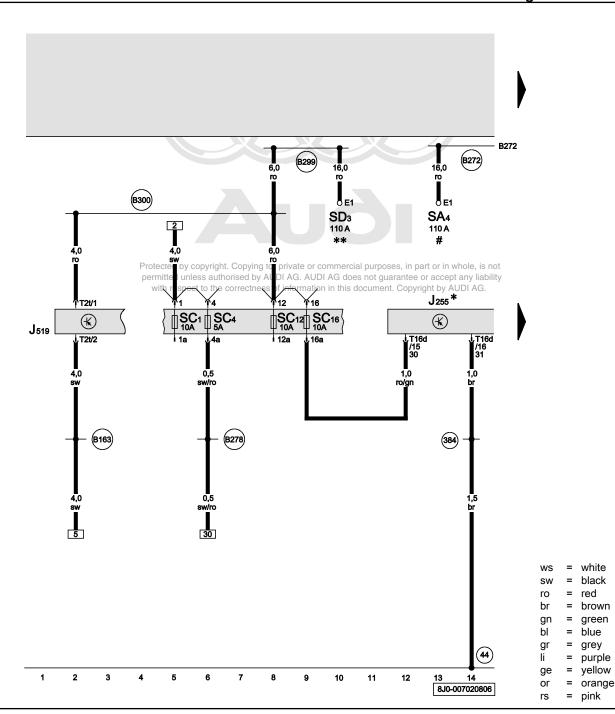
For information concerning

- ♦ 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



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Climatronic control unit, fuses

J255	Climatronic control unit
J519	Onboard supply control unit
SA4	Fuse 4 on fuse holder A
	Fuse 1 on fuse holder C
	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

Earth connection 19, in main wiring harness

Positive connection 1 (15), in interior wiring harness

Positive connection (30), in main wiring harness

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

Positive connection 3 (30), in main wiring harness

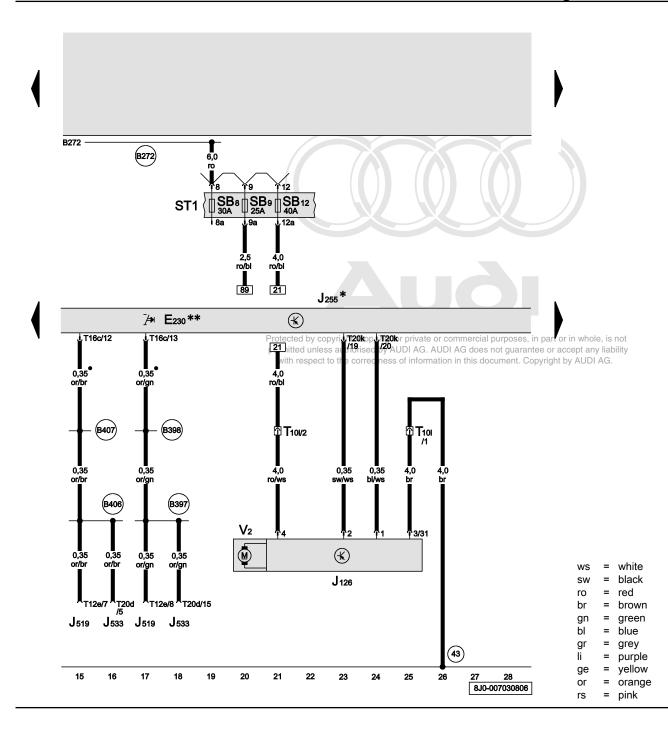
Positive connection 4 (30), in main wiring harness

Operating unit for air conditioning

brown

main fuse box, in luggage compartment, rear right, on the battery

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



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
- T10I 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
- (B398) Connection 2 (convenience CAN bus, high), in main wiring
- (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





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
- Earth point, lower part of right A-pillar
- Earth connection 1, in main wiring harness
- Earth connection 7, in main wiring harness
- Earth connection 23, in main wiring harness
- Earth connection 24, in main wiring harness
- Earth connection 25, in main wiring harness
- Earth point 2, on front of left longitudinal member

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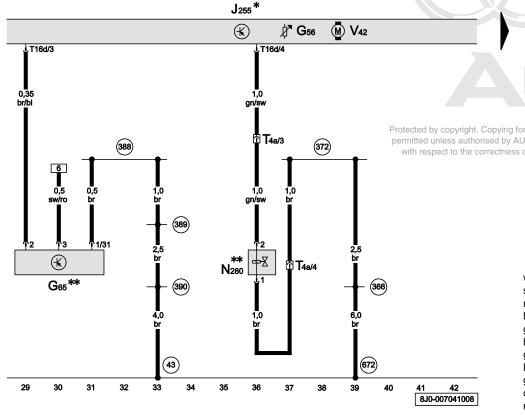
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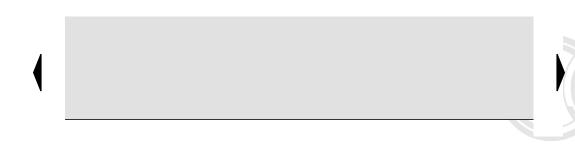
purple = yellow

= orange

= pink

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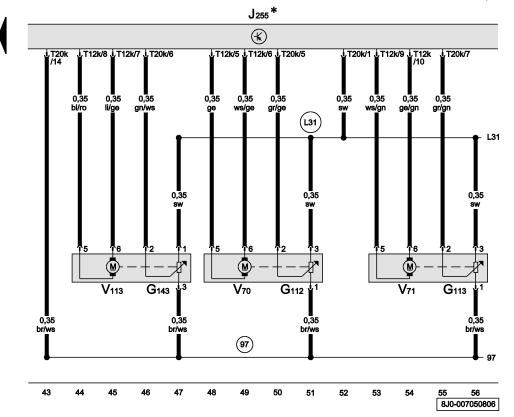




Climatronic control unit, potentiometer for centre flap control motor, potentiometer for air flow flap control motor, potentiometer for air recirculation flap control motor

- 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

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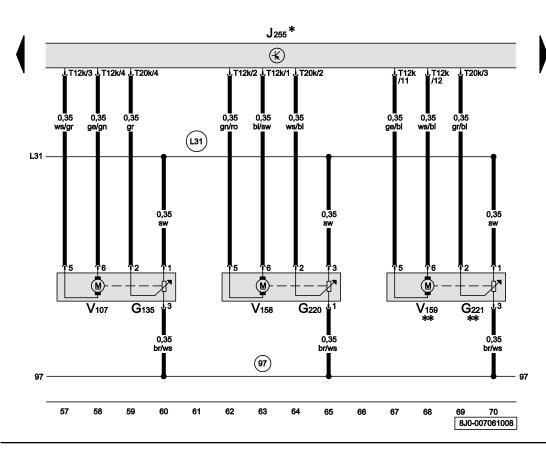


Climatronic control unit, potentiometer for defroster flap control motor, potentiometer for left temperature flap control motor, potentiometer for right temperature flap control motor

- 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
- 107 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

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- with respect to the correctness of info (m230n) n Connection (5V) y in rain conditioning system wiring harness
 - Operating unit for air conditioning
 - ** not for Heater (9AA)



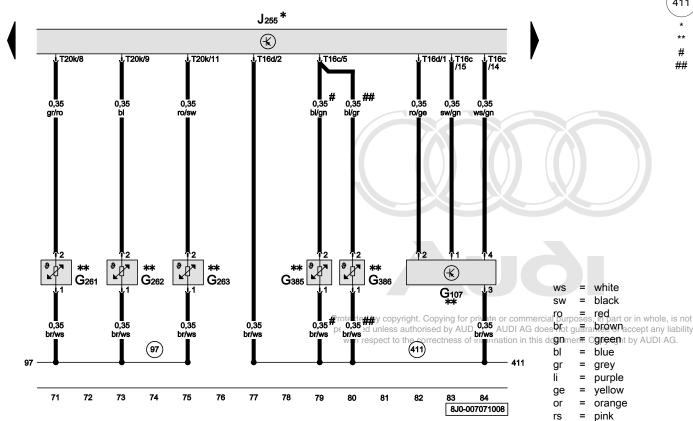
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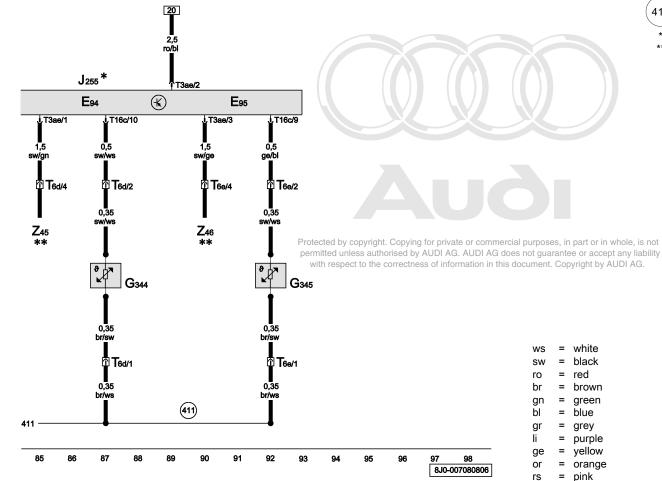


Climatronic control unit, sunlight penetration photosensor, left and right footwell vent temperature sender, evaporator output temperature sender, front left and right chest vent temperature sensor

- G107 Sunlight penetration photosensor
 G261 Left footwell vent temperature sender
 G262 Right footwell vent temperature sender
 G263 Evaporator out-flow temperature sender
- 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 $\Big)$ 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
- 245 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



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:

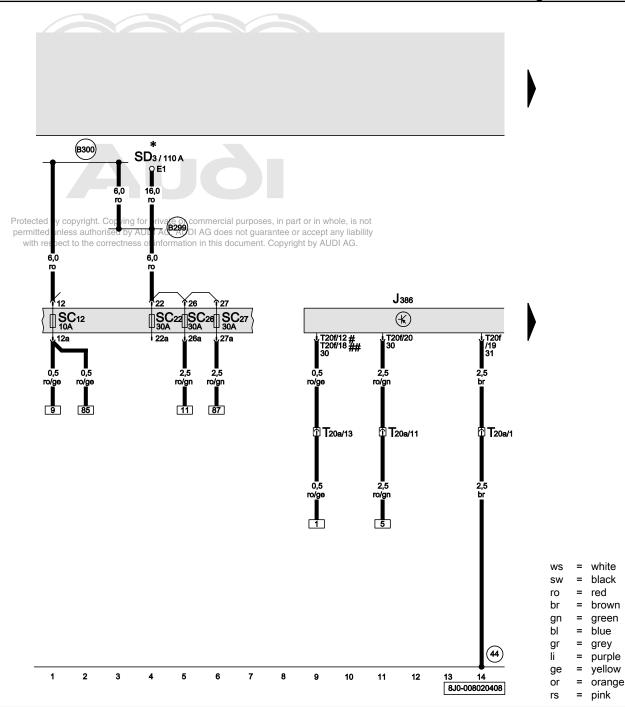
For information concerning

- ♦ 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



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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

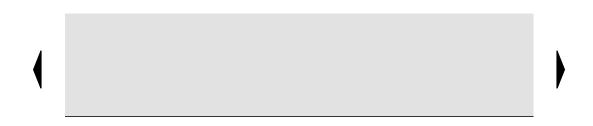
(B299) Positive connection 3 (30), in main wiring harness

(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





harness J386 (K) B406 T20f/8 T20f/9 T20f/18 ** T20f/11 *** T20f/1 T20f /10 0,35 li/sw 0.35 up to May 2007 or/br from June 2007 T20a/20 ↑ T20a/3 ↑ T20a/18 🗗 **T**20a/19 ₫ **T**20a (390) 91 93 0,35 or/br Prolessed by copyright. Copying for private or commercial purposes, in part or in whole, is not 0.35 tted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability 0,35 or/gn 0,35 li/sw 0,35 or/br 0,35 or/gn 0,35 sw 2,5 br 4,0 br th respect to the correctness of information in this document. Copyright by AUDI AG. (B397) (B406) 96 97 389 K₁₃₃ = white ,2/31 195 158 = black = red 0,35 0,35 or/br brown or/gn or/br or/gn = green 388 blue T20d/15 T20d/5 grey J533 J533 (43) purple = yellow 16 17 18 20 21 22 23 24 25 26 28 or = orange

8J0-008030408

= pink

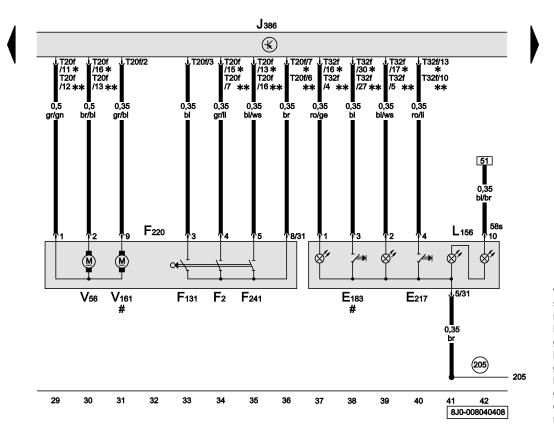
Driver door control unit, central locking deadlock function warning lamp

- J386 Driver door control unit
- Data bus diagnostic interface
- K133 Central locking deadlock function warning lamp
- 20-pin connector, black, in the front left door
- 20-pin connector, black, on data bus diagnostic interface
- 20-pin connector, connector A, on driver door control unit
- Earth point, lower part of right A-pillar
- Earth connection 23, in main wiring harness
- Earth connection 24, in main wiring harness
- Earth connection 25, in main wiring harness
- Connection 1 (convenience CAN bus, high), in main wiring B397
- Connection 1 (convenience CAN bus, low), in main wiring
- CAN bus (data wire)
- models with automatic anti-dazzle mirror



Audi

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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

32f 32-pin connector, connector C, on driver door control unit

V56 Driver door central locking motor

V161 Driver door central locking deadlock function motor

5 Earth connection, in driver door wiring harness

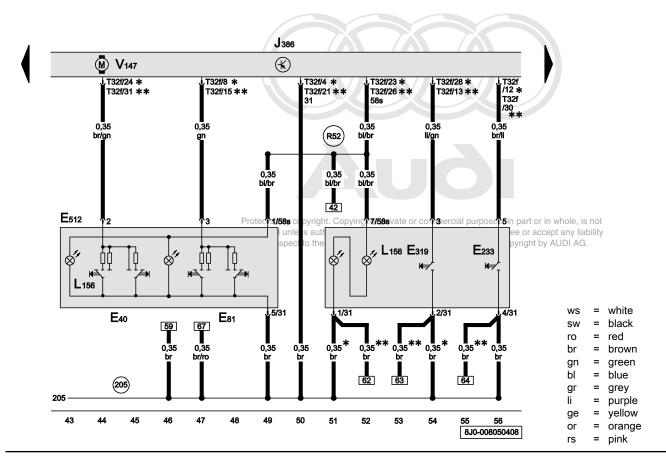
* up to May 2007

** from June 2007

not USA

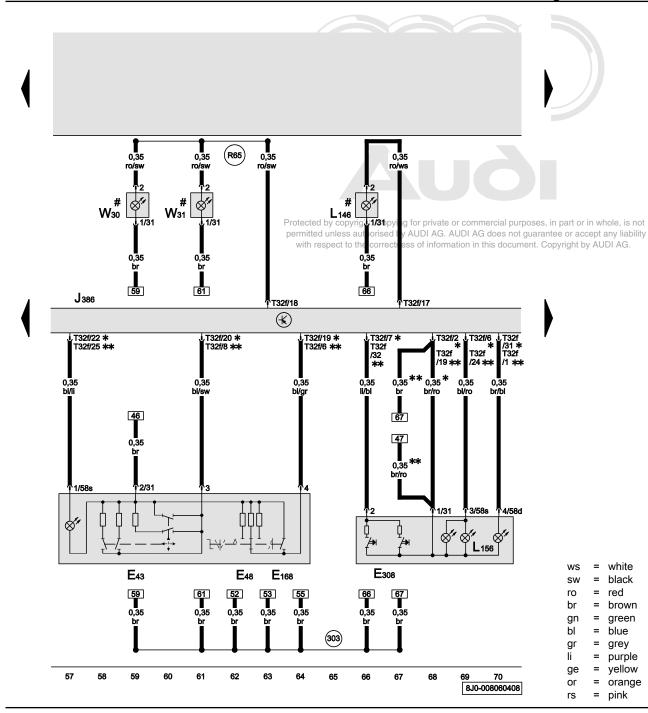






Driver door control unit, operating unit for window regulator in driver door, rear lid remote release button, front left window regulator switch, fuel tank flap release button

- 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
- 1386 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



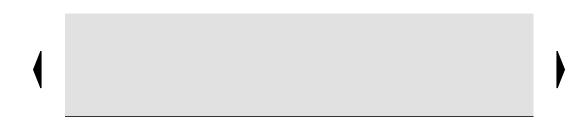
Driver door control unit, mirror adjustment switch, mirror adjustment change-over switch, adjustment switch for mirror with fold-in feature, driver side interior locking button for central locking system

- 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
- _156 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)



71

72



V17 V149 V121 Y20 Z4 L131 ***

76

77

81

82

84

8J0-008070906

J386

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

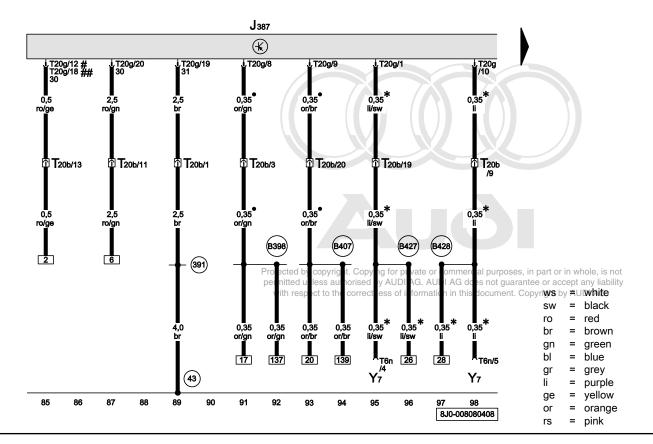


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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink







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

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

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

3427) Connection 1 (mirror signal), in main wiring harness

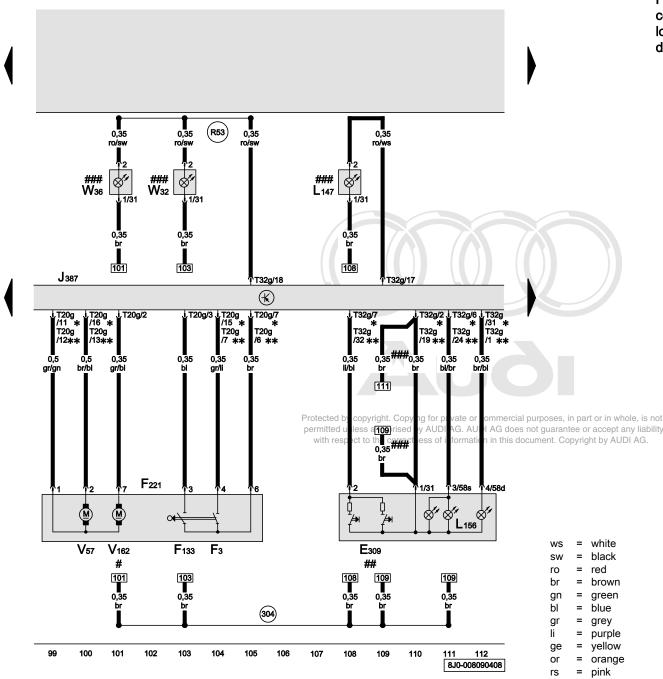
(B428) Connection 2 (mirror signal), in main wiring harness

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
- 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)



113

114

115

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120

121

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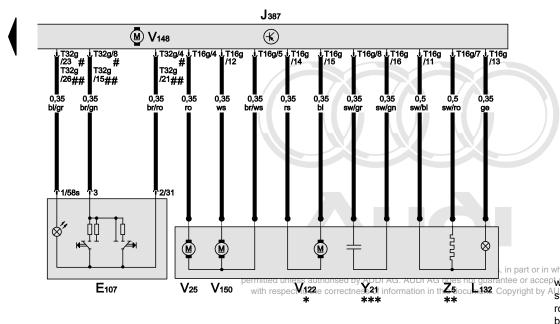
123

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8J0-008100408





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

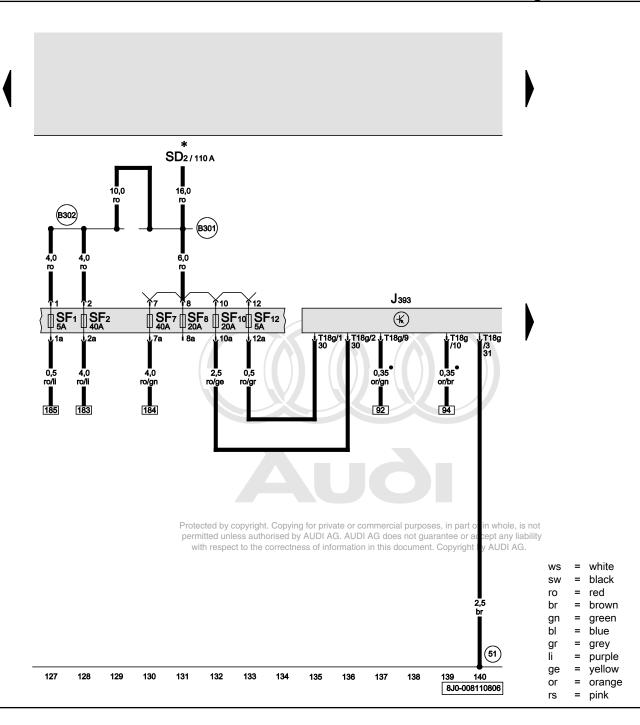
- E107 Window regulator switch in front passenger door
- J387 Front passenger door control unit
- L132 Front passenger side exterior mirror turn signal bulb
- T16g 16-pin connector, connector B, on front passenger door control unit
- T32g 32-pin connector, connector C, on front passenger door control 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

= red = brown = green = blue = grey = purple = yellow

= orange

= pink

or



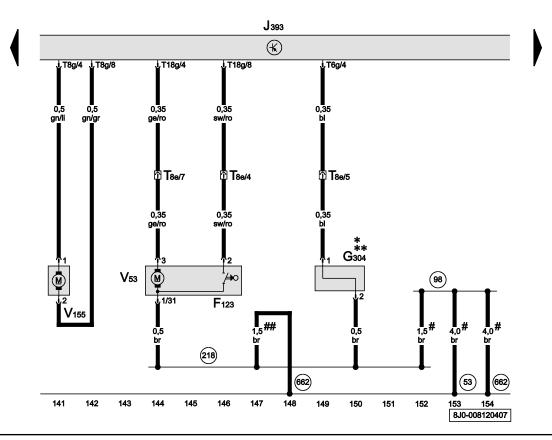
Convenience system central control unit, fuses

- 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



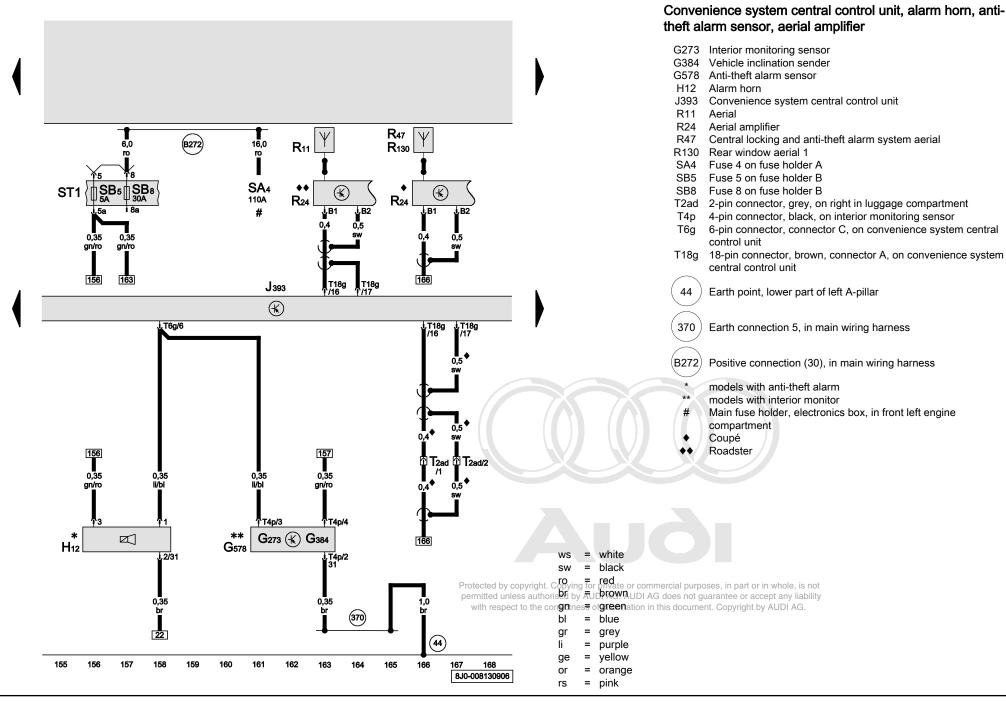
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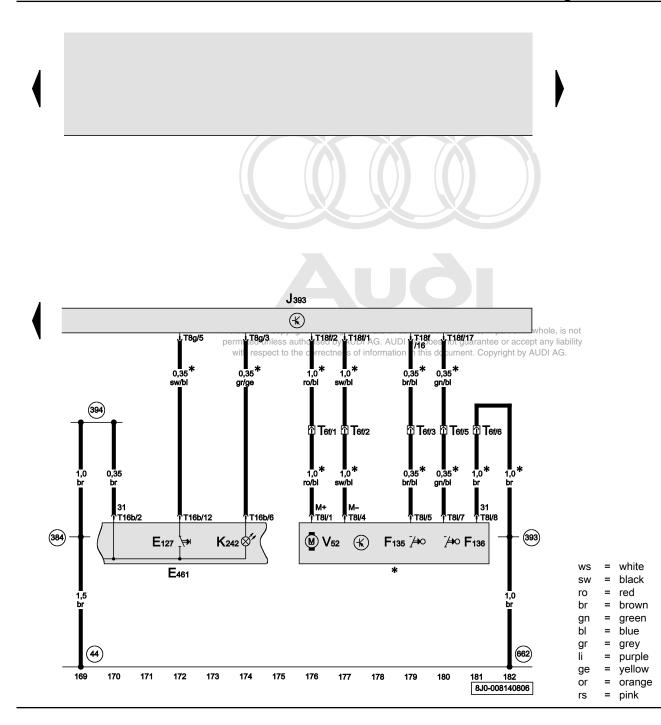
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ws = white sw = black ro = red br = brown gn = green bl = blue gr = grey li = purple ge = yellow or = orange rs = pink Convenience system central control unit, tank filler flap locking motor, rear lid contact switch for anti-theft alarm, rear lid central 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-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





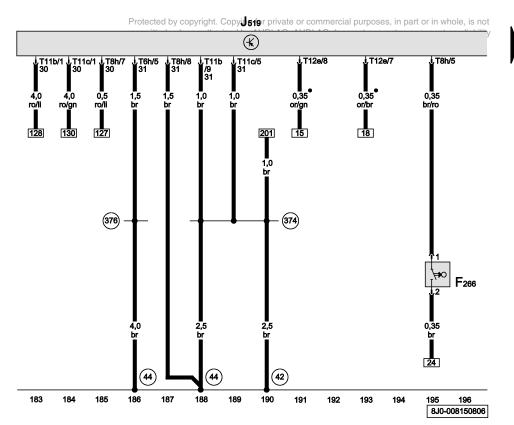
Convenience system central control unit, adjustable rear spoiler switch, rear spoiler position warning lamp, adjustable rear spoiler motor

- 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
- 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

control unit

- (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





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)

= black = red = brown = green = blue

grey

= orange

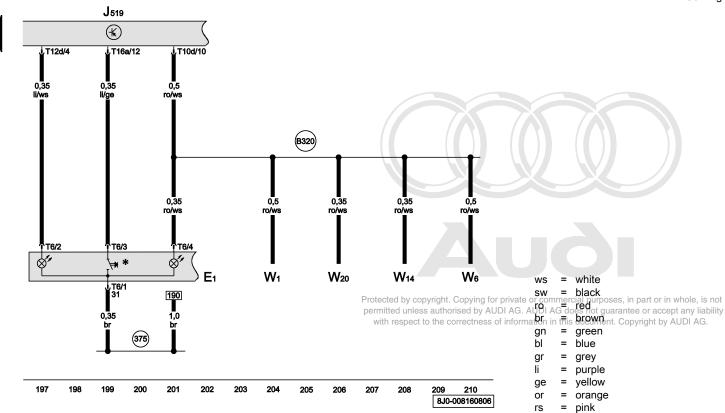
= pink

or

purpleyellow







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
- 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



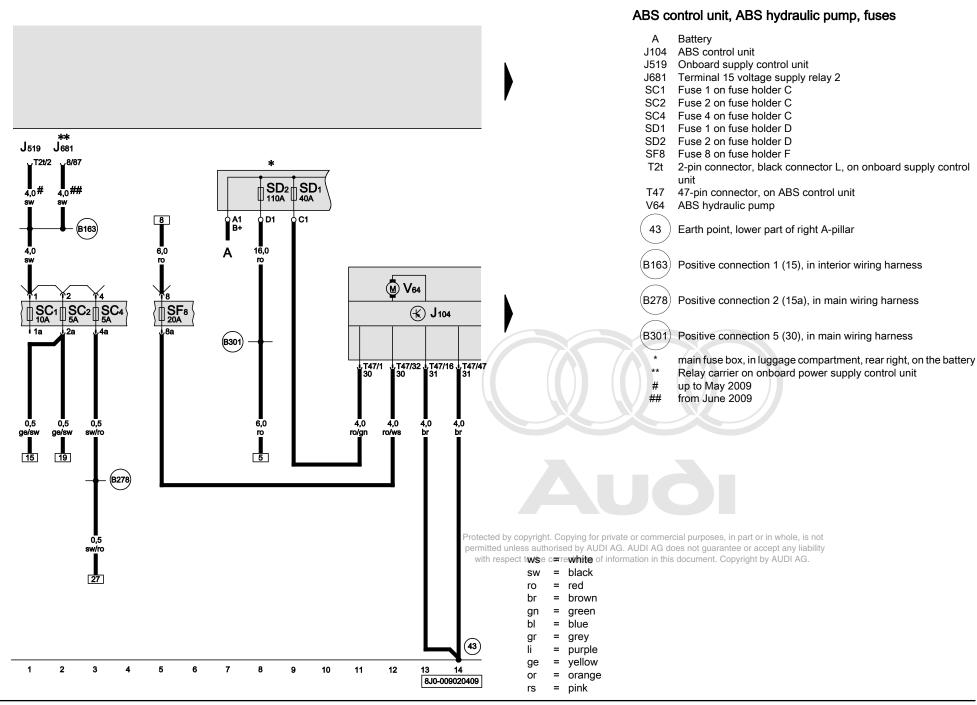
Anti-locking brake system (ABS) MK60 with traction control system (TCS) and electronic stability program (ESP) from model year 2007

Notes:

For information concerning

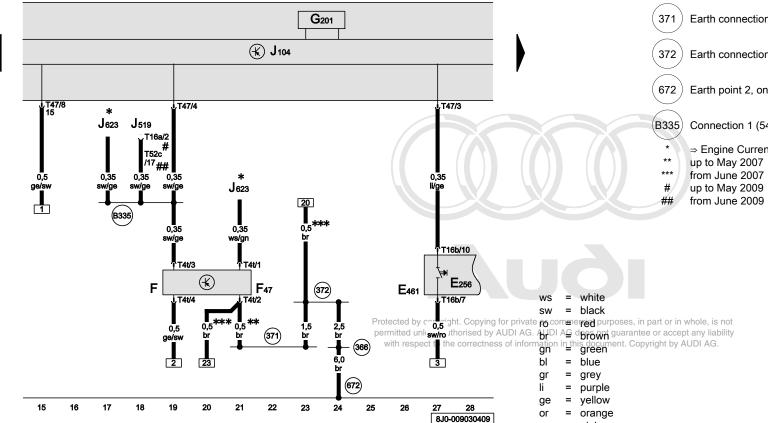
- Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ◆ Fault Finding Programs
- ⇒ guided fault finding











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
- 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
- Earth connection 1, in main wiring harness
- Earth connection 6, in main wiring harness
- Earth connection 7, in main wiring harness
- Earth point 2, on front of left longitudinal member
- Connection 1 (54), in main wiring harness
 - ⇒ Engine Current Flow Diagram

= pink



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

G44 Rear right speed sensor

Front right speed sensor

Rear left speed sensor

Front left speed sensor

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 Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not

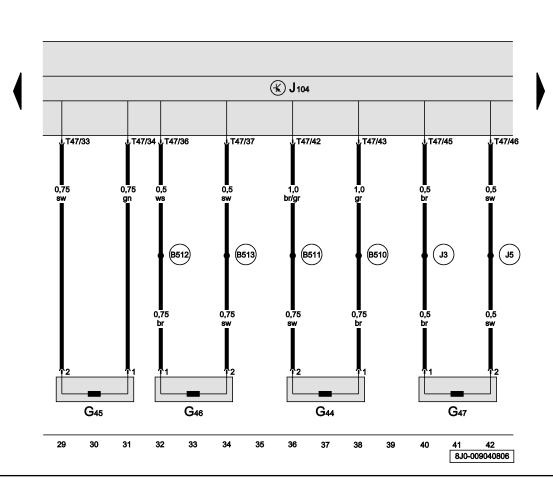
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with respect to the correctness of information in this density (B512) Commection 4 (rear left speed sensor), in interior wiring harness

Connection 2 (rear left speed sensor), in interior wiring harness

Connection 1, in ABS wiring harness

Connection 2, in ABS wiring harness



= red brown = green = blue = grey = purple

= black

= yellow or = orange = pink



N100 N101 N102 N133 N134 N135 N136 N225 N226 N227 N228 **₭** J₁₀₄ T47/5 \T47/30 \T47/40 \T47/41 ,T47/19 T47/22 T47/29 permitted unle accept any liabi pyright by AUDI AG. with respect nis document. (of information is he correctness 0,35 0,35 0,35 li/ro ro/ws **↑**1/15 G₂₅₁* (K) G200 G202 G419 G483 ** 51 52 53 54 56 8J0-009050906

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 ABS hydraulic unit Front right ABS inlet valve Front right ABS outlet valve Front left ABS inlet valve N102 Front left ABS outlet valve Rear right ABS inlet valve N134 Rear left ABS inlet valve N135 Rear right ABS outlet valve N136 Rear left ABS outlet valve Vehicle stabilization program switch valve 1 Vehicle stabilization program switch valve 2 N227 Vehicle stabilization program high pressure valve 1 Vehicle stabilization program high pressure valve 2 T47 47-pin connector, on ABS control unit
 - models with four-wheel drive
 3.2 I engine only, engine code BUB

CAN bus (data wire)

= white

blackredbrowngreenbluegreypurpleyellow

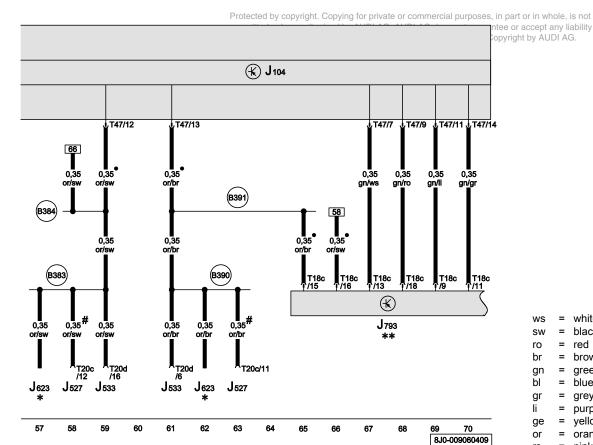
= orange

= pink

or







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

- J104 ABS control unit
- Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J793 Tyre pressure monitor control unit 2
- 18-pin connector, black, on tyre pressure monitor control unit 2
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- 20-pin connector, black, on data bus diagnostic interface
- 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
- Connection 2 (drive train CAN bus, low), in main wiring harness
 - CAN bus (data wire)

= white

= black = red = brown

= green = blue

= grey = purple = yellow

= orange

= pink

or

- ⇒ Engine Current Flow Diagram
- models with tyre pressure monitor
- Is dropped from June 2009



Electric tyre pressure monitor

from model year 2007

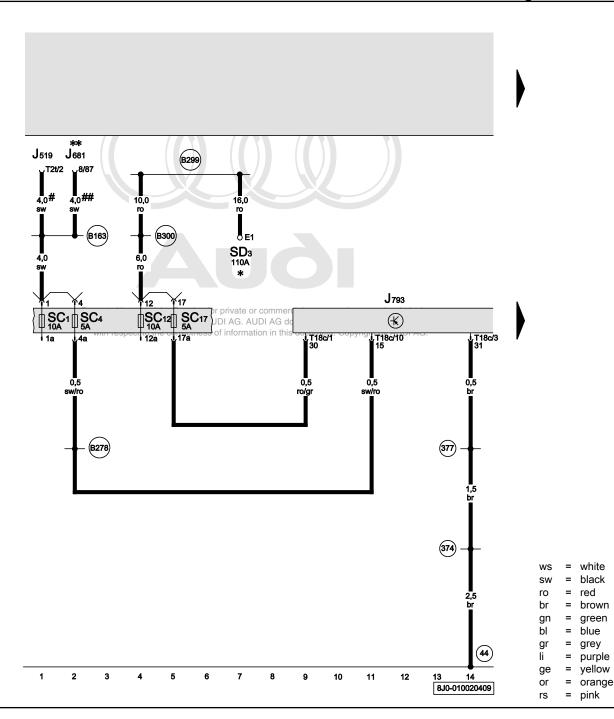
Notes:

For information concerning

- ♦ Position of relays and fuses
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- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding







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

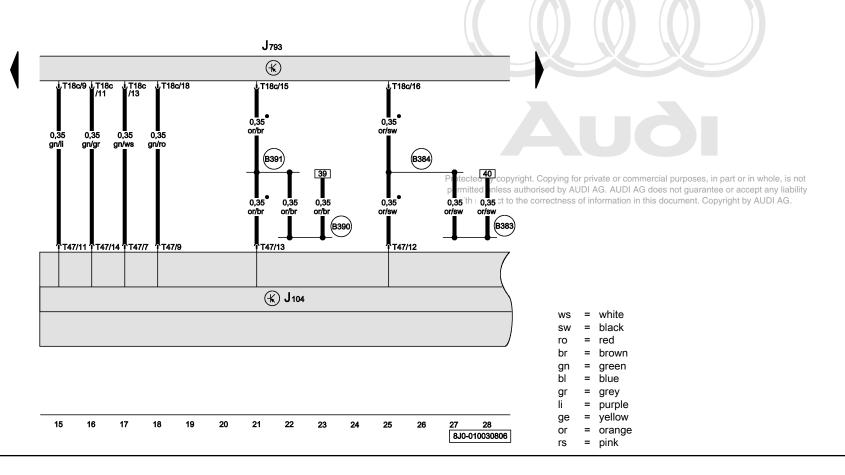
from June 2009





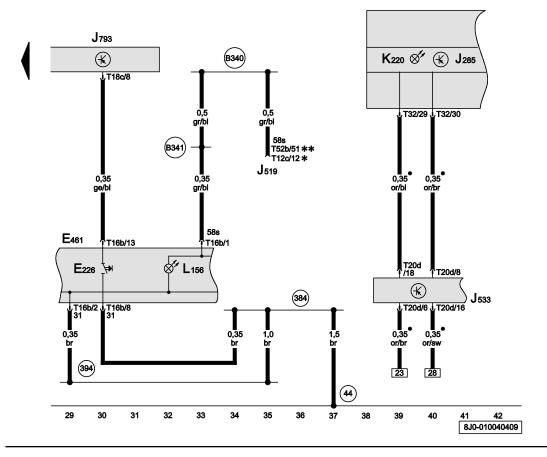
Tyre pressure monitor control unit 2, ABS control unit

- J104 ABS control unit
- J793 Tyre pressure monitor control unit 2
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
 - 7 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)









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



Electronically controlled damping - Audi Magnetic Ride

from model year 2007

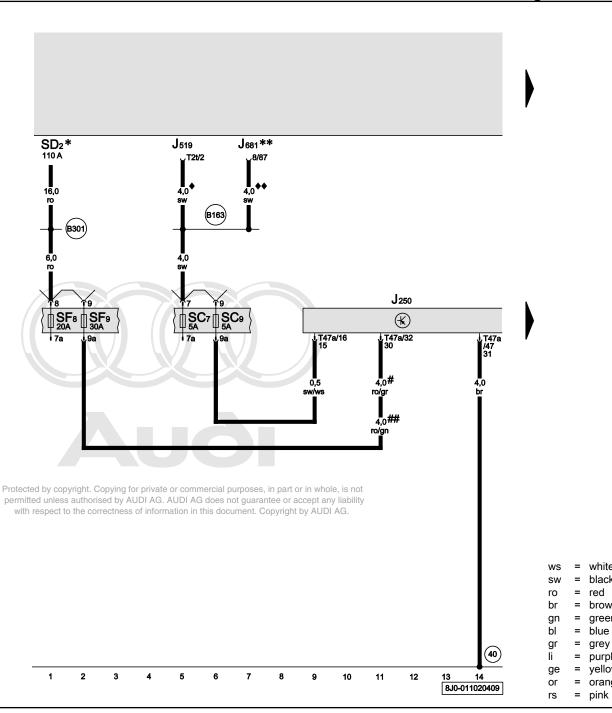
Notes:

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







Electronically controlled damping control unit, fuses

- J250 Electronically controlled damping control unit
- J519 Onboard supply control unit
- 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
- Fuse 8 on fuse holder F
- SF9 Fuse 9 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control
- T47a 47-pin connector, on electronically controlled damping control
- Earth point, under rear right seat
- Positive connection 1 (15), in interior wiring harness
- 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

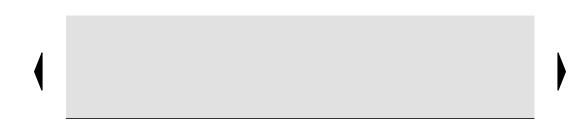
= white = black = red = brown = green = blue = grey = purple = yellow

= orange

- ## Roadster
- up to May 2009
- from June 2009

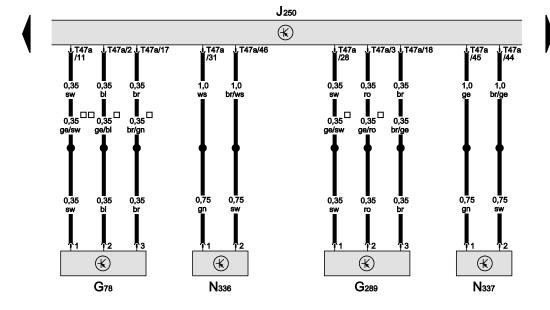


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Electronically controlled damping control unit, front left and right vehicle level sender, front left and right shock absorber damper adjustment valve

- 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
 - from June 2009



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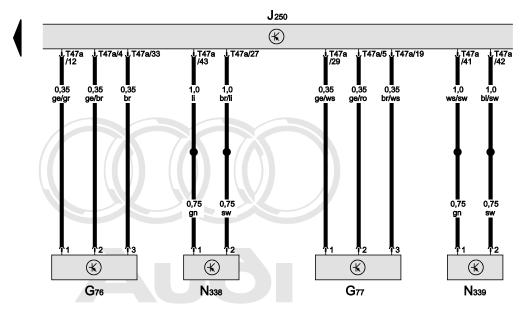
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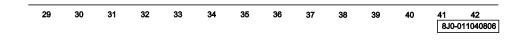
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink







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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

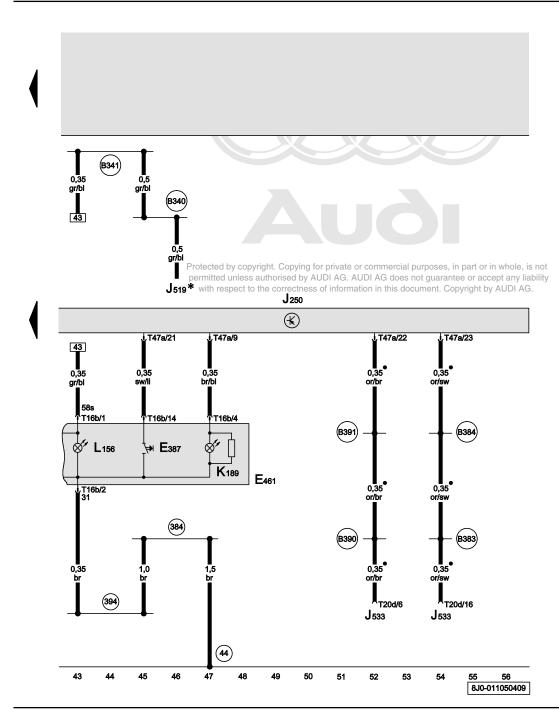
J250 Electronically controlled damping control unit N338 Rear left shock absorber damper adjustment valve

N339 Rear right shock absorber damping adjustment valve

T47a 47-pin connector, on electronically controlled damping control unit

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

white

= black



Garage door opener

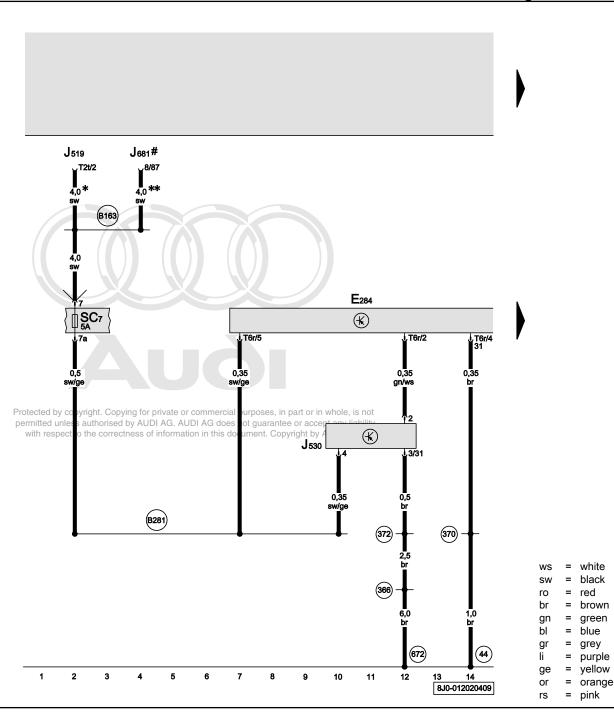
from model year 2007

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





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
- Terminal 15 voltage supply relay 2
- Fuse 7 on fuse holder C
- 2-pin connector, black connector L, on onboard supply control
- T6r 6-pin connector, black, on garage door operating unit
- Earth point, lower part of left A-pillar
- Earth connection 1, in main wiring harness
- Earth connection 5, in main wiring harness
- Earth connection 7, in main wiring harness
- Earth point 2, on front of left longitudinal member
- Positive connection 1 (15), in interior wiring harness
- Positive connection 5 (15a), in main wiring harness
- up to May 2009
- from June 2009

brown green

grey

purple

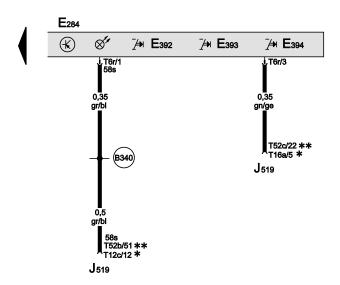
Relay carrier on onboard power supply control unit





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



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

= white



Rear parking aid

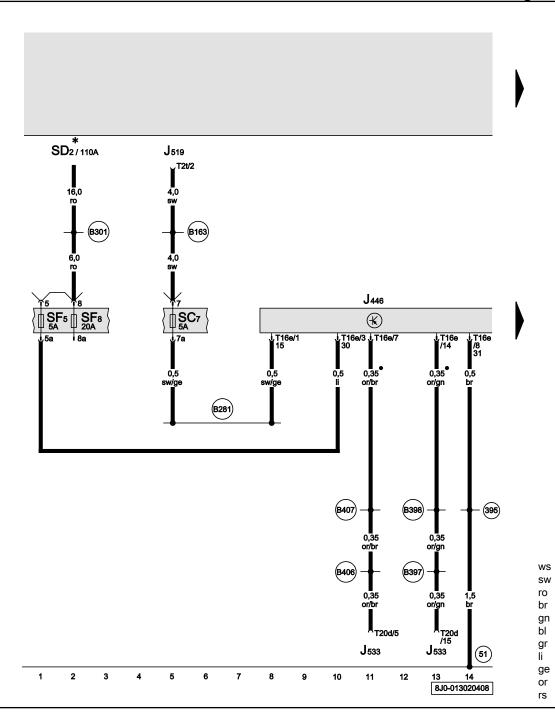
from model year 2007

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





Parking aid control unit, fuses

- J446 Parking aid control unit J519 Onboard supply control unit
 - 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
- 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
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- Connection 1 (convenience CAN bus, low), in main wiring harness
- Connection 2 (convenience CAN bus, low), in main wiring
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black red

brown green

blue

purpleyellow

= yellow

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or



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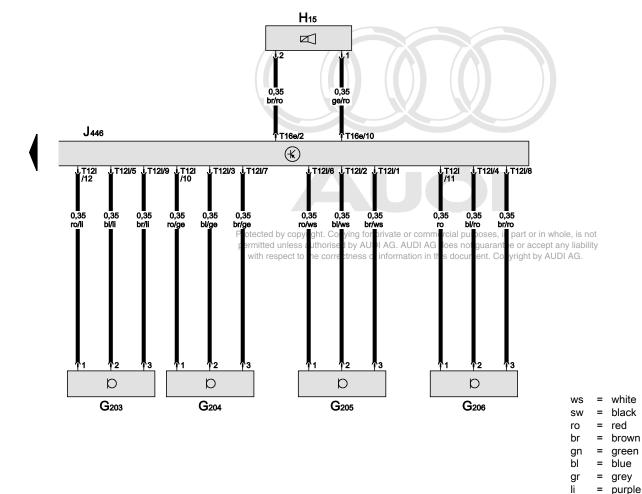
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Parking aid control unit, rear parking aid sender, rear parking aid warning buzzer

G203 Rear left parking aid sender G204 Rear centre left parking aid sender

G205 Rear centre right parking aid sender

G206 Rear right parking aid sender H15 Rear parking aid warning buzzer

J446 Parking aid control unit

T12I 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

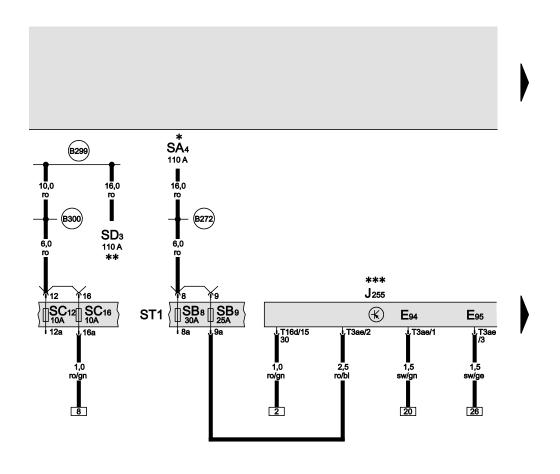
from model year 2007

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





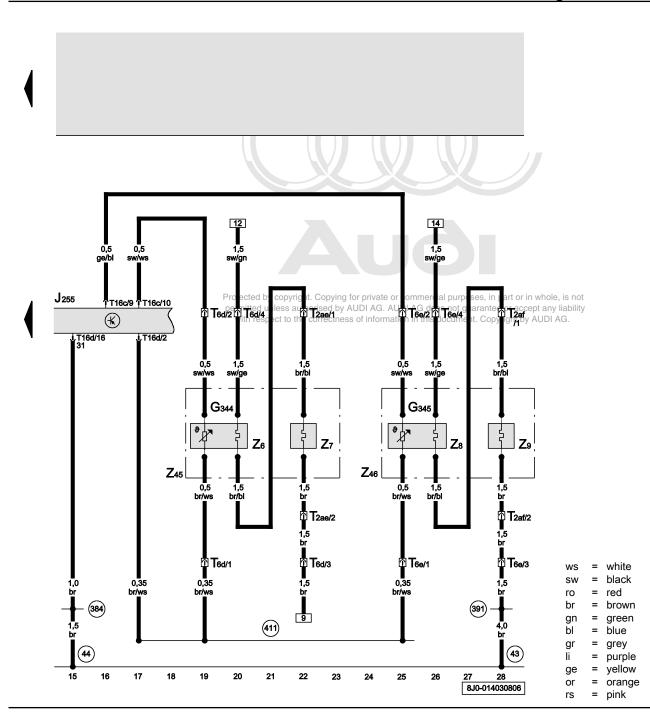
Climatronic control unit, heated driver seat regulator, heated front passenger seat regulator, fuses

- 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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 8J0-014020409

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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
 - 6d 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

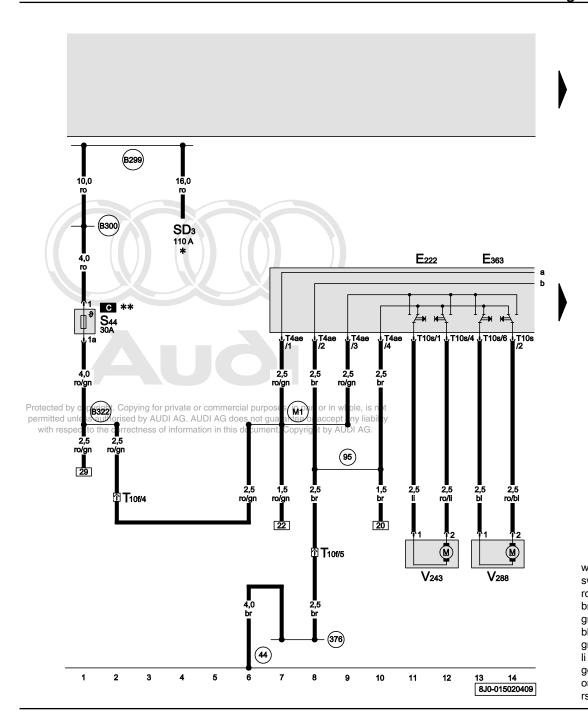


Driver seat electric seat adjustment, front passenger seat electric seat adjustment from model year 2007

Notes:

For information concerning

- ♦ Position of relays and fuses
- Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List projects the convergence of the List project of the Convergence of the List permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability For information to Convergence of the Convergen
- ◆ 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

- 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
- [10s 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

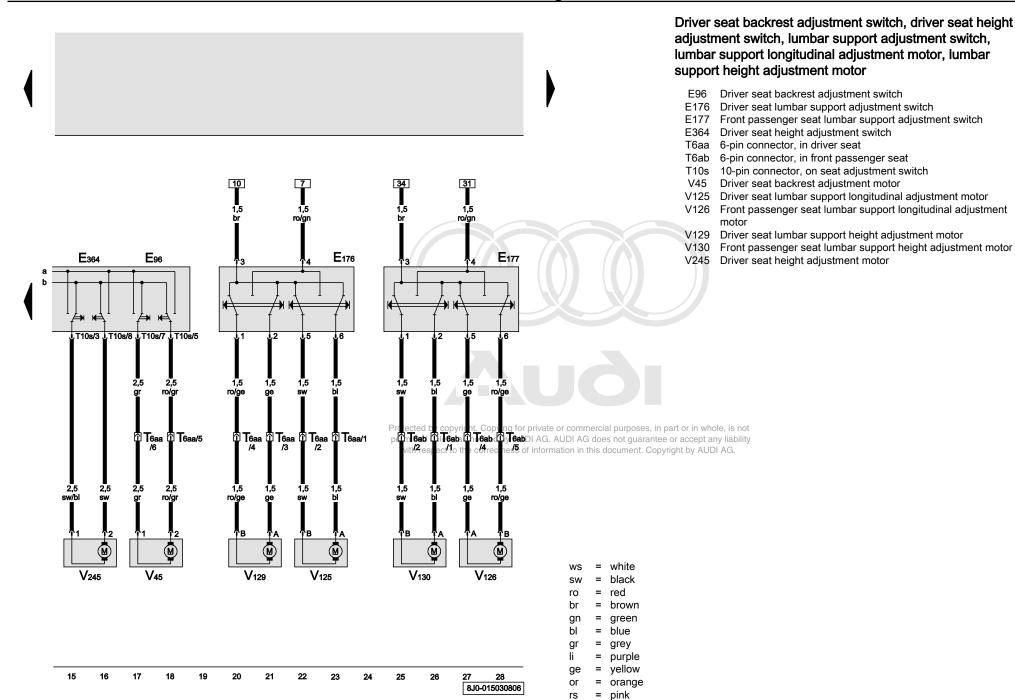
blackredbrowngreen

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= orange

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E64 E334 E365 E98 .T4ae /2 ŮT4ae T10s/4 LT10s/1 LT10s/6 LT10s UT10s/3 UT10s/8 UT10s/7 UT10s 2,5 2,5 2,5 ro/gn (M1)Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not rmitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability Teab rith respect to the correctness of information in this document. Copyright by AUDI AG. 95) 2,5 li 2,5 ro/li 2,5 bl 2,5 ro/bl 2,5 sw/bl 2,5 ro/gn 1,5 ro/gn 2,5 ro/gr 2,5 br 27 25 M **W W** T10g/4 T10g/5 V246 (43) 30 31 32 33 42 8J0-015040806

Front passenger seat adjustment switch, front passenger seat adjustment motor

- E64 Front passenger seat longitudinal adjustment switch
- 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
- Front passenger seat backrest adjustment motor
- V244 Front passenger seat rake adjustment motor
- V246 Front passenger seat height adjustment motor
- Seat longitudinal adjustment motor
- Earth point, lower part of right A-pillar
- Earth connection 1, in seat adjuster wiring harness
- Earth connection 26, in main wiring harness
- Positive connection 1 (30), in seat adjustment wiring harness

= white = black = red = brown = green = blue = grey = purple = yellow = orange or

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

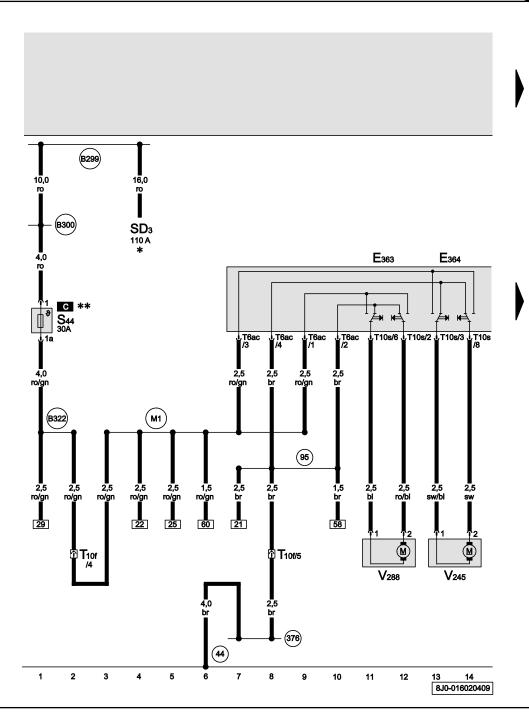
from model year 2007

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





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

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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

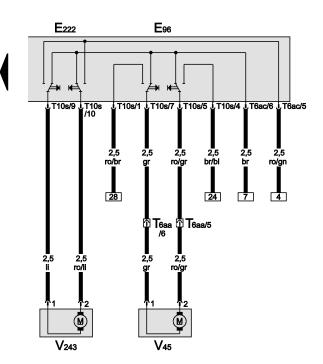
T6aa 6-pin connector, in driver seat

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



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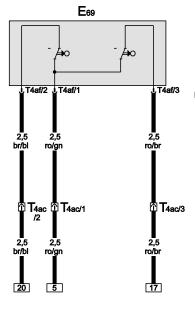
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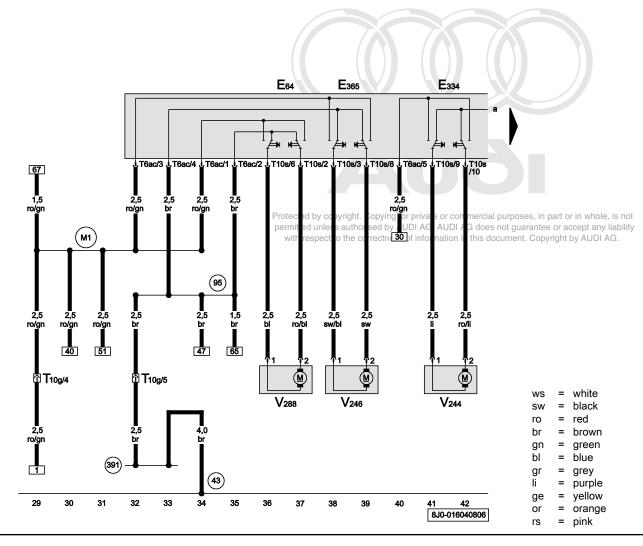


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gr = grey
li = purple
ge = yellow
or = orange
rs = pink





Front passenger seat adjustment switch, front passenger seat adjustment motor

- E34 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

= white = black = red

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bluegreypurpleyellow

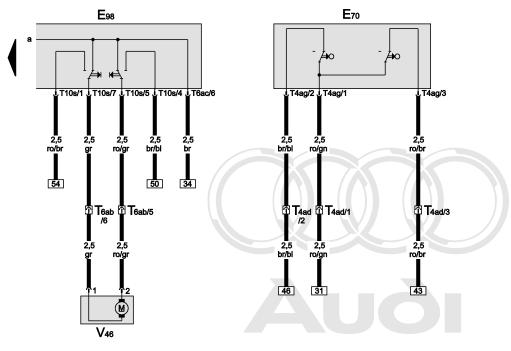
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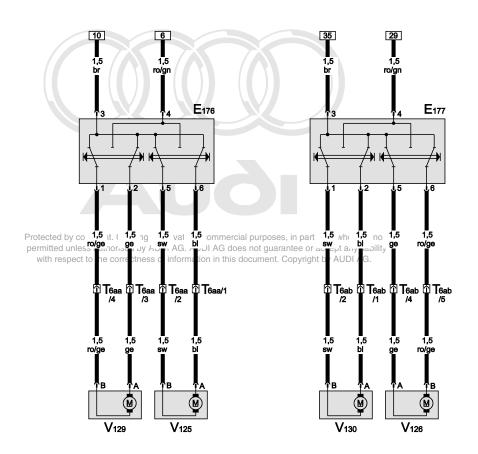
43 44 45 46 47 48 49 50 51 52 53 54 55 <u>56</u> 8J0-016050806

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

Front passenger seat backrest limit switch
 Front passenger seat backrest adjustment switch
 4-pin connector, in front passenger seat
 4-pin connector, on front passenger seat backrest limit switch
 6-pin connector, in front passenger seat
 6-pin connector, on seat adjustment switch
 10-pin connector, on seat adjustment switch
 Front passenger seat backrest adjustment motor







61

69 70 ge 8J0-016060806 rs whiteblackredbrowngreenbluegreypurpleyellow

= orange

= 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



Driver seat, front passenger seat electric lumbar support adjustment

from model year 2007

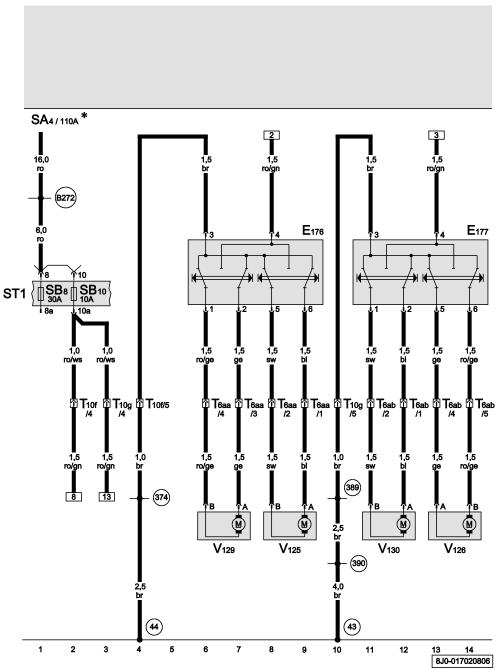
Notes:

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



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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

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- (B272) Positive connection (30), in main wiring harness
 - * Main fuse holder, electronics box, in front left engine compartment

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CAN bus wiring

from model year 2007

Notes:

For information concerning

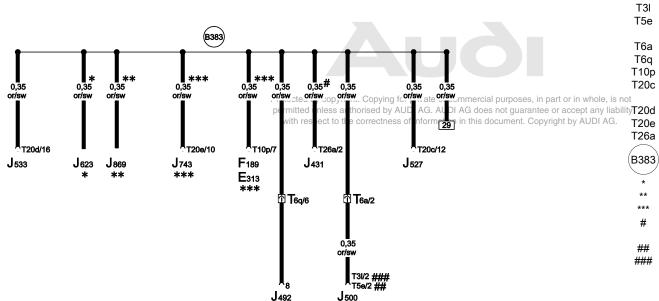
- ♦ Position of relays and fuses
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- ♦ Earth connections
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Drive train CAN bus, high 1

E313	Sel	ector	leve

Tiptronic switch

Headlight range control, control unit

Four-wheel drive control unit

Power steering control unit

Steering column electronics control unit

Data bus diagnostic interface

Engine control unit

Mechatronic unit for dual clutch gearbox

Control unit for structure-borne sound

3-pin connector, connector C, on power steering control unit

T5e 5-pin connector, grey, connector C, on power steering control

T6a 6-pin connector, black, in front left engine compartment

T6q 6-pin connector, black, on four-wheel drive control unit

10-pin connector, on Tiptronic switch

T20c 20-pin connector, black, connector A, on steering column

electronics control unit

20-pin connector, black, on data bus diagnostic interface

T20e 20-pin connector, on mechatronic unit for dual clutch gearbox

26-pin connector, black, on headlight range control, control unit

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

⇒ Engine Current Flow Diagram

2,0 I diesel engine

models with direct shift gearbox

models with automatic headlight range control and cornering

light

up to May 2008

from June 2008

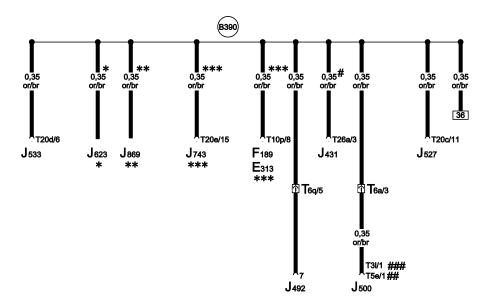
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14

white = black = red brown = green blue purple = yellow = orange or = 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 B390 n Connection 1. (drive train CAN bus, low), in main wiring harness

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* 2,0 I diesel engine

*** models with direct shift gearbox

models with automatic headlight range control and cornering

light

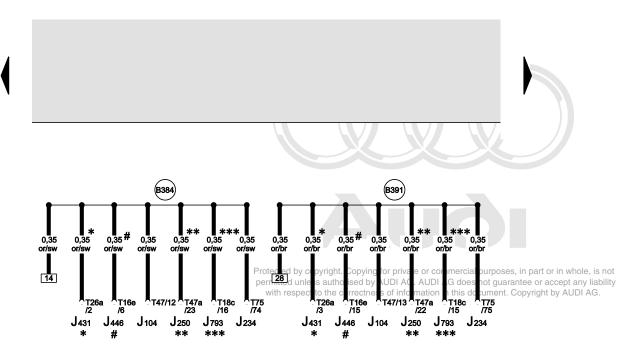
up to May 2008

from June 2008

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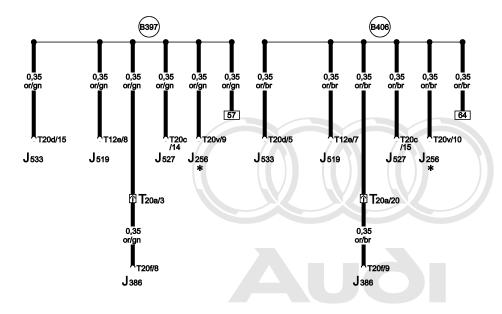
Drive train CAN bus, high 2, drive train CAN bus, low 2

- J104 ABS control unit
- J234 Airbag control unit
- J250 Electronically controlled damping control unit
- 1431 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
- 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

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







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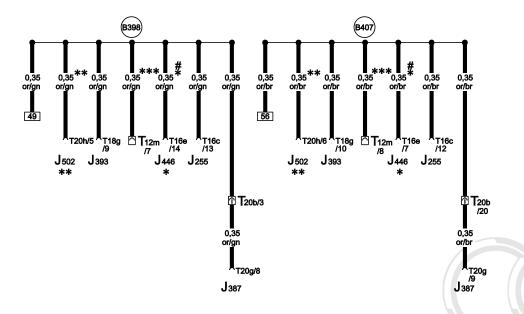
Convenience CAN bus, high 1, convenience CAN bus, low

- J256 Convertible roof actuation control unit
- 386 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



58





62

67

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

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CAN bus, high, CAN bus, low

A121

J285 Control unit in dash panel insert Data bus diagnostic interface T16 16-pin connector, diagnostic connector

20-pin connector, black, on data bus diagnostic interface 32-pin connector, blue, on control unit in dash panel insert

Connection (high bus), in dash panel wiring harness

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





A121

0,35 or/bl

☐ T₁6/3

0,35 or/bl

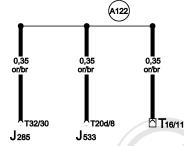
J533

T20d/18

T32/29

J285







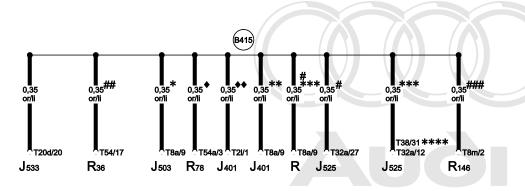
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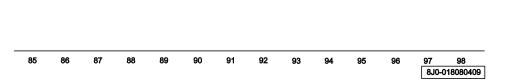




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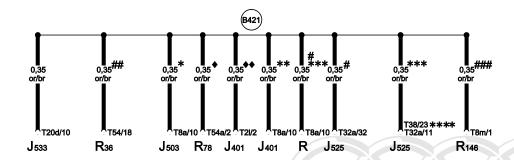
Infotainment CAN bus, high 1

- 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
- T2I 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)









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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

T2I 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)



Haldex coupling with four-wheel drive

from model year 2007

Notes:

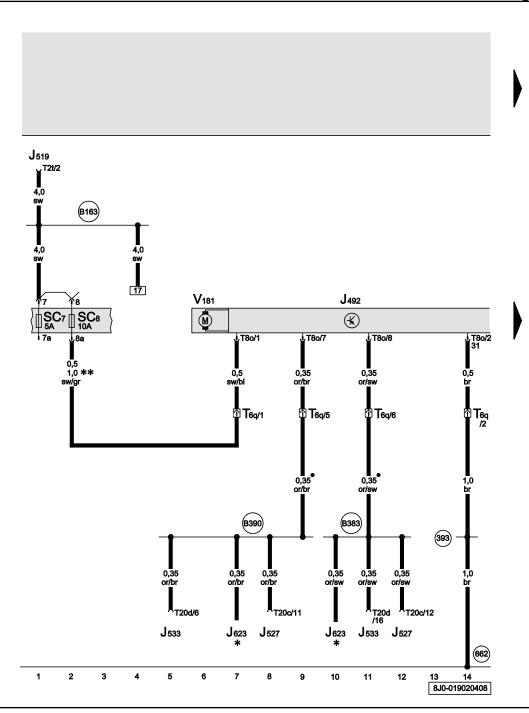
For information concerning

- 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



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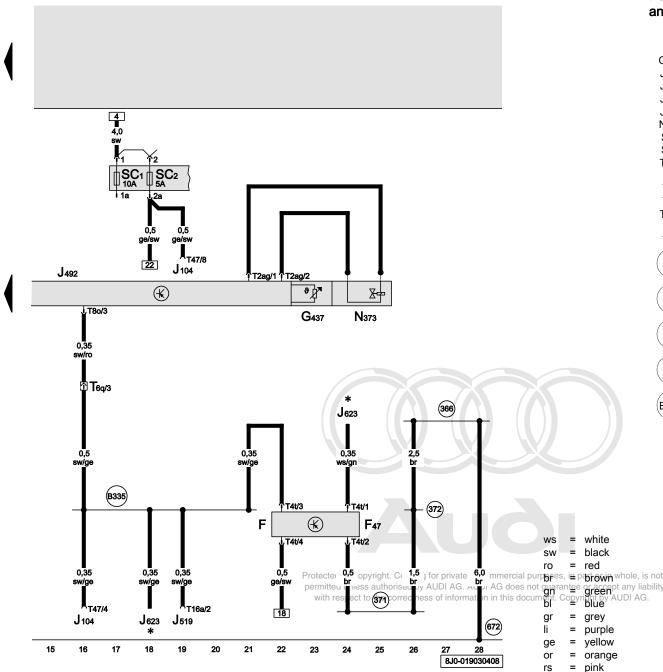


Four-wheel drive control unit, haldex coupling pump, fuses

- 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
- 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



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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:

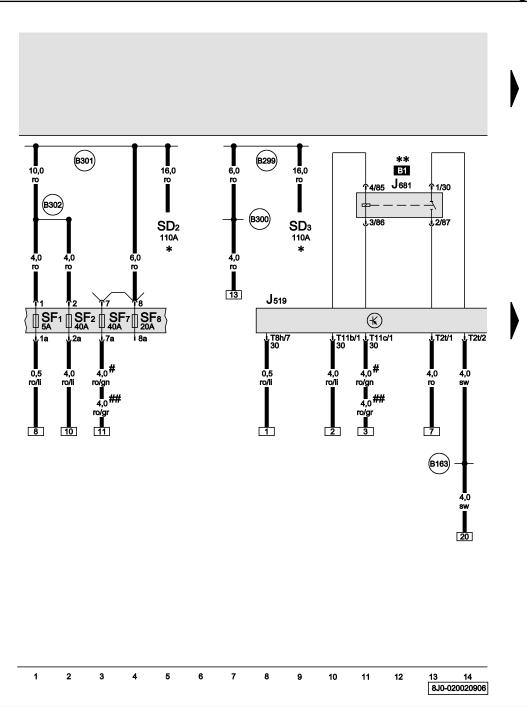
For information concerning

- 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



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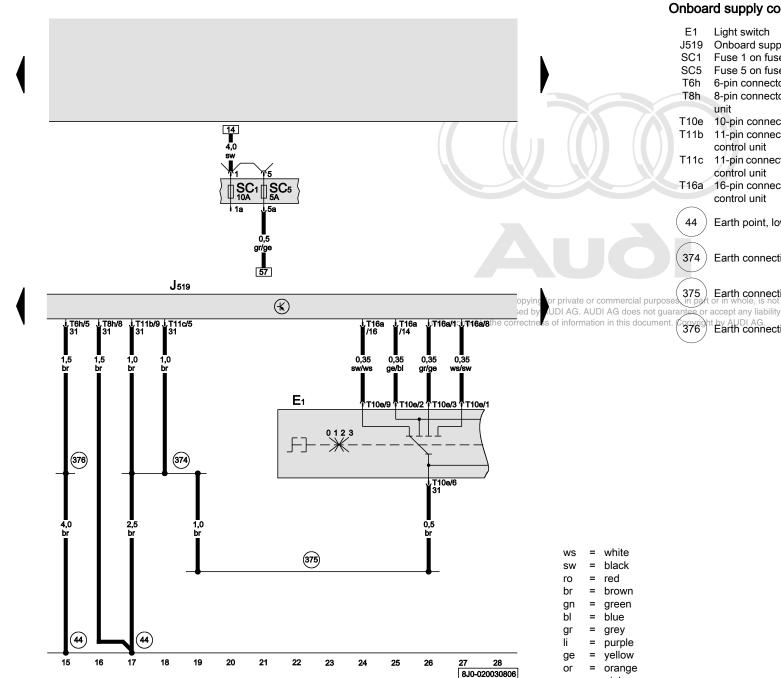


Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- 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
- T8h 8-pin connector, black, connector F, on onboard supply control
- T11b 11-pin connector, black, connector A, on onboard power supply
- 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

Protected (B302) ri Positive connection 6 (30) rin main wiring harness whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the air ruse box, in luggiage compartment, rear right, on the battery

- ** Relay carrier on onboard power supply control unit, under left dash panel
- # Coupé
- ## Roadster



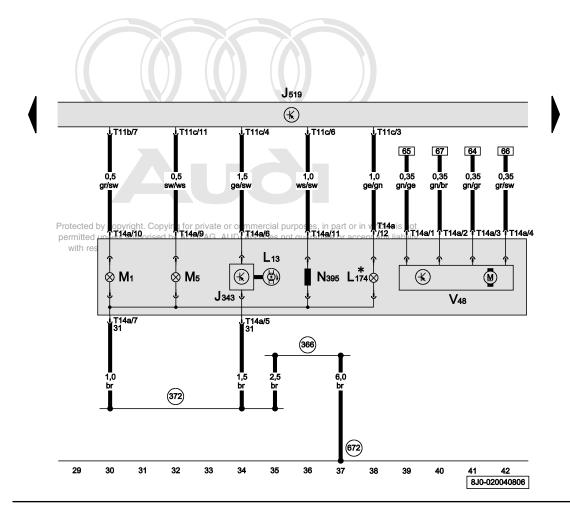
Onboard supply control unit, light switch

- 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
- 10-pin connector, black, connector A, on light switch
- T11b 11-pin connector, black, connector A, on onboard power supply
- T11c 11-pin connector, brown, connector D, on onboard power supply
- T16a 16-pin connector, black, connector E, on onboard power supply control unit
- Earth point, lower part of left A-pillar
- Earth connection 9, in main wiring harness
- Earth connection 10, in main wiring harness

= pink

Earth connection 11, 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
- N395 Left headlight screen adjustment solenoid
- T11b 11-pin connector, black, connector A, on onboard power supply
- 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

= white = black = red

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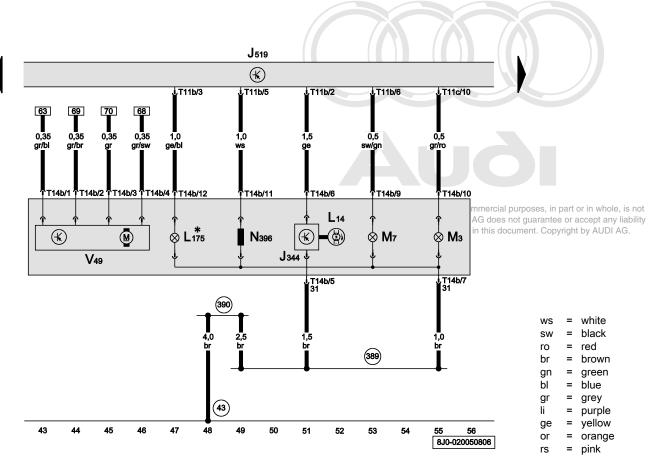
= orange

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or







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
 - A3 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

= white

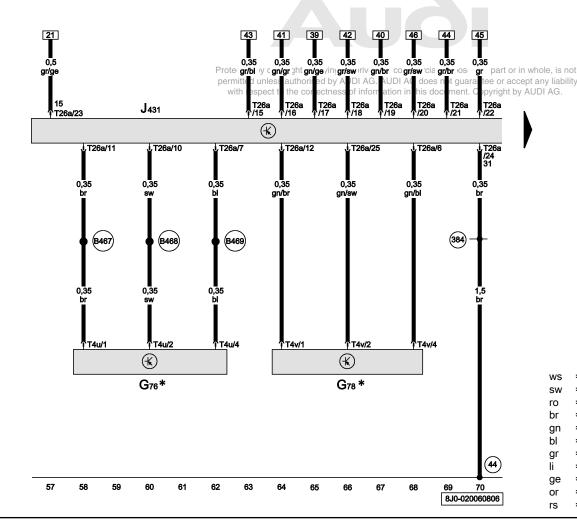
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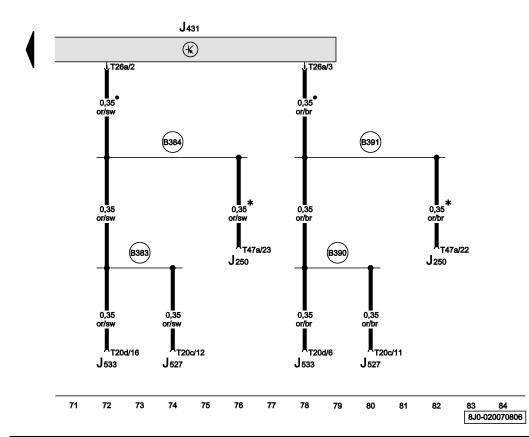


Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- G76 Rear left vehicle level sender
- 378 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
- 1431 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

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gr = grey

li = purple

ge = yellow or = orange

or = orangers = pink



Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control from model year 2007

Notes:

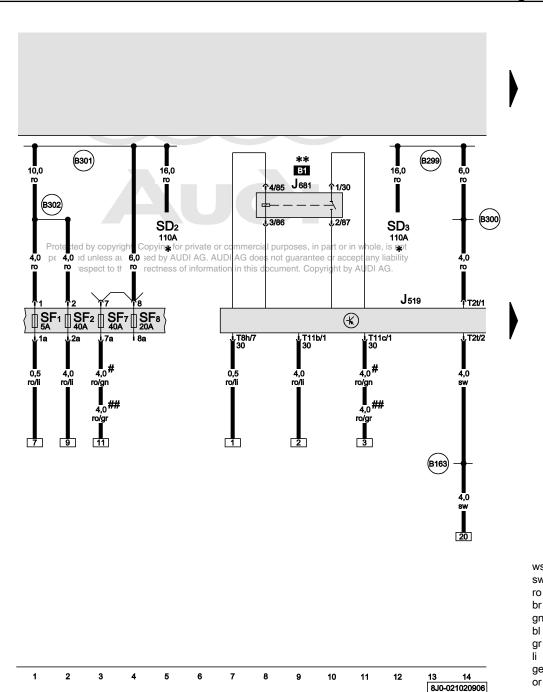
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- Position of relays and fuses
- Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ◆ Fault Finding Programs
- ⇒ guided fault finding



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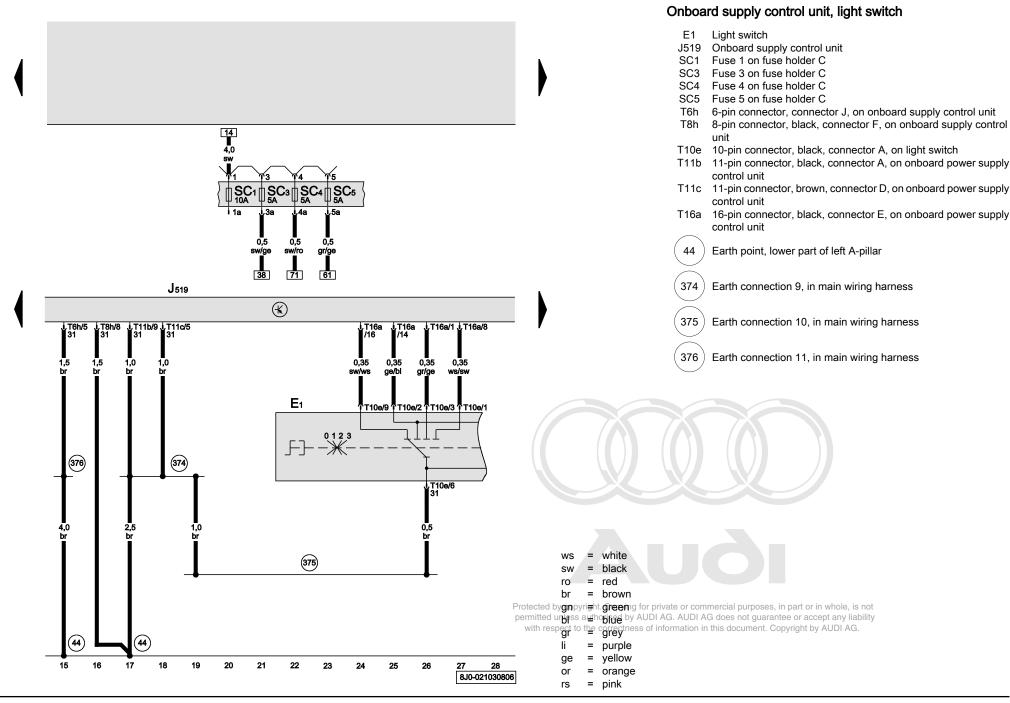
Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

- 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
- 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

white
black
red
brown
green
blue
grey
purple
yellow

= orange

= pink







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white

brown

purpleyellow

= orange

= pink

= black

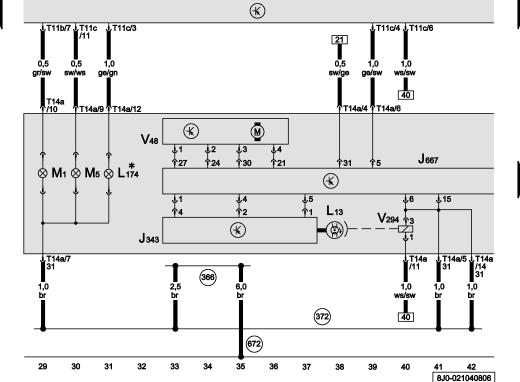
= green

= blue = grey

or

= red

J519



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

1/294 Left dip beam screen motor

Earth connection 1, in main wiring harness

72 Earth connection 7, in main wiring harness

(672) Earth point 2, on front of left longitudinal member

* models with day driving light

= white = black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or





J519 **K** 0,35 or/br 82 0,35 or/gn 84 0,35 or/gn 0,35 or/br T14b/1 **↑**T14a/1 T14a/2 T14b/2 G474 🖟 G475 🎝 12 114 ↓3 **∱22** 116 22 **∱**16 **†25 †25** ተ28 (K) **K** ↓23 ↑2 ↓20 ↑3 ↓23 ↑2 ↓20 ↑3 **J** 26 **J**26 whole, is not J667 J668 pt any liability AUDI AG. <u>M</u> **M (K)** (4) V318

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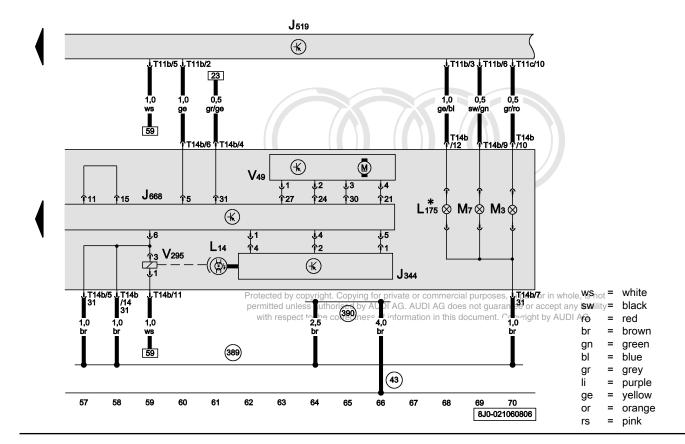
8J0-021050806

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)

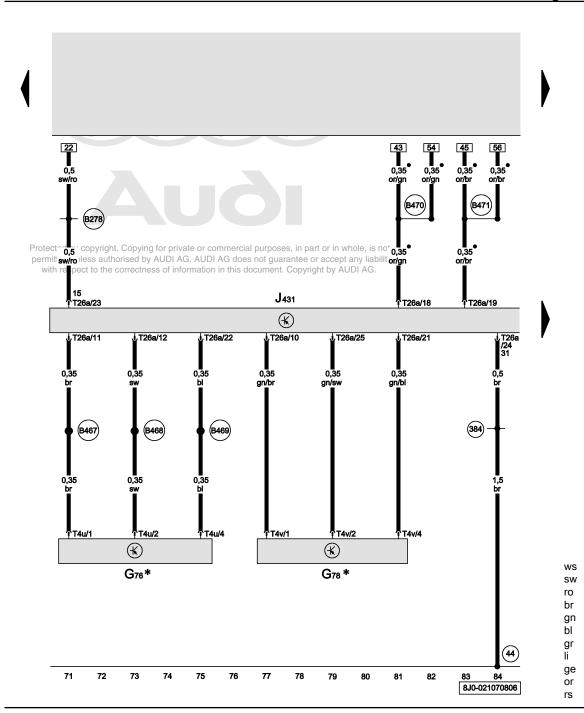






Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

- 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
- 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
- Γ4ν 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)

= white

blackredbrowngreenbluegreypurpleyellow

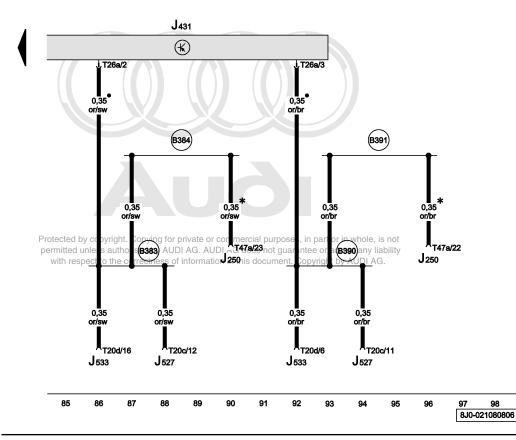
= orange

= pink

* not for electronically controlled damping







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

= white

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



Multifunction steering wheel

from model year 2007

Notes:

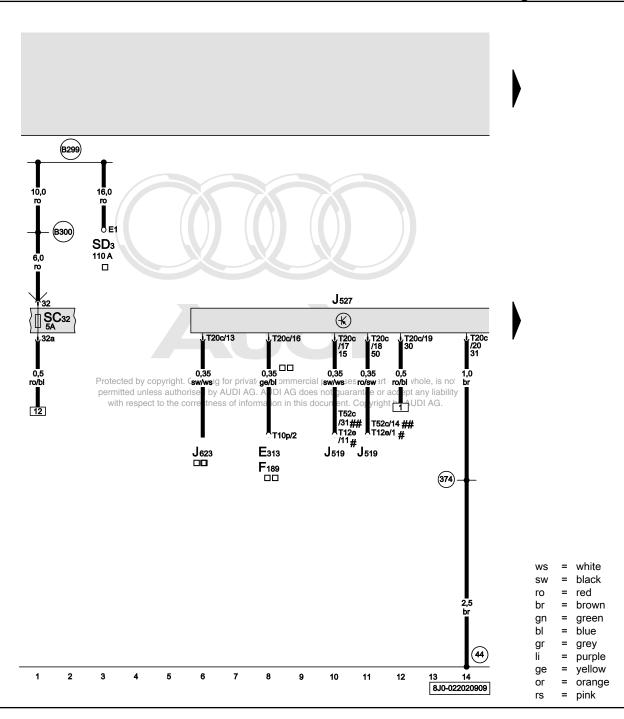
For information concerning

- ♦ 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



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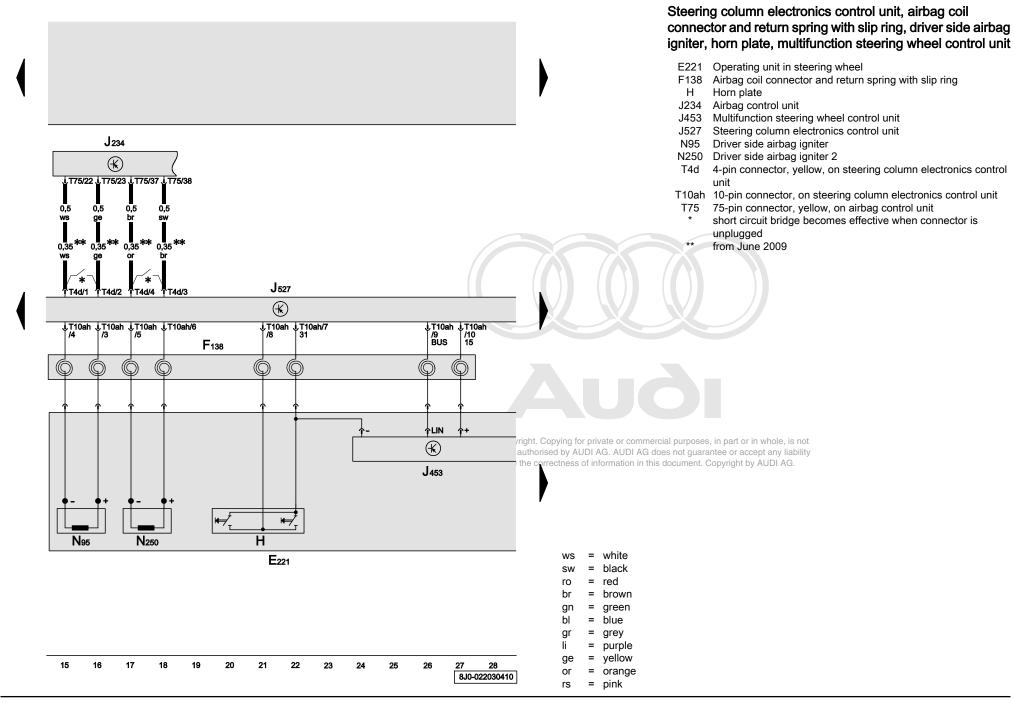




Steering column electronics control unit, fuses

- 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





= white

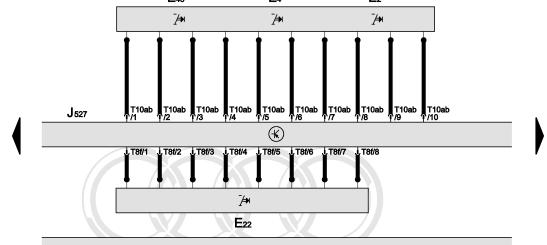
= black = red = brown = green = blue = grey = purple = yellow

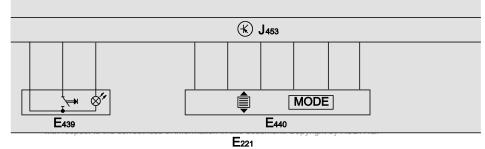
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or

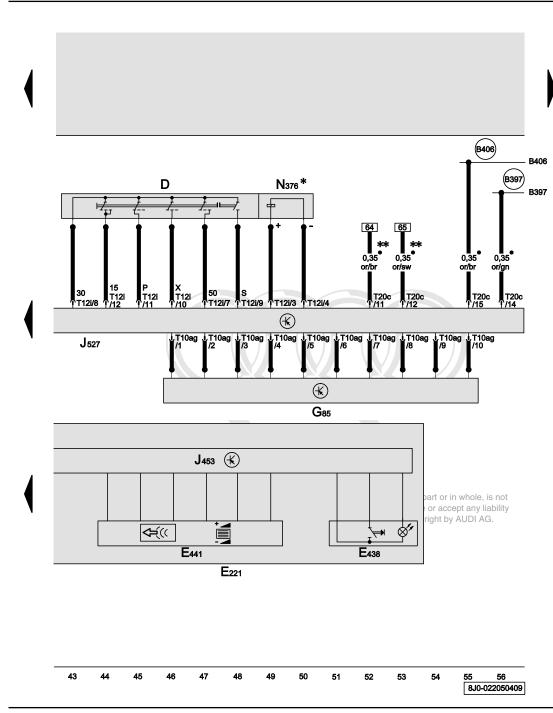






 Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, operating unit in steering wheel, multifunction buttons on left in steering wheel

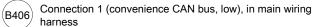
- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- J453 Multifunction steering 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



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

- 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
- Steering angle sender
- Multifunction steering wheel control unit
- 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
- (B397

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



CAN bus (data wire)

= white

= black = red brown = green blue purple = yellow

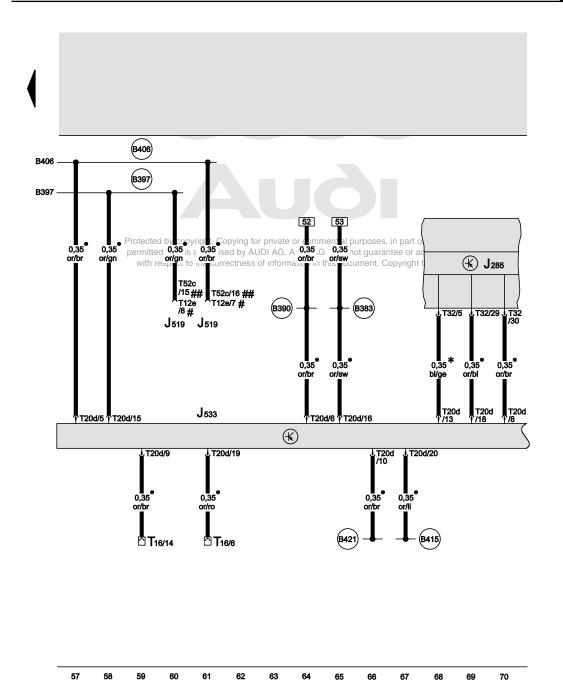
= orange

= pink

or

- models with automatic gearbox
- Is dropped from June 2009





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
- 720d 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
- 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

whiteblackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

rs

8J0-022060409



Steering wheel with Tiptronic switch rockers

from model year 2007

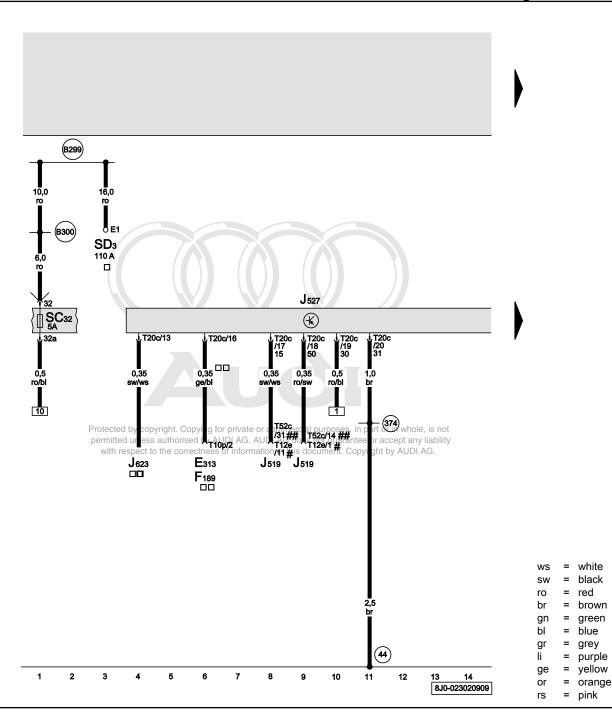
Notes:

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

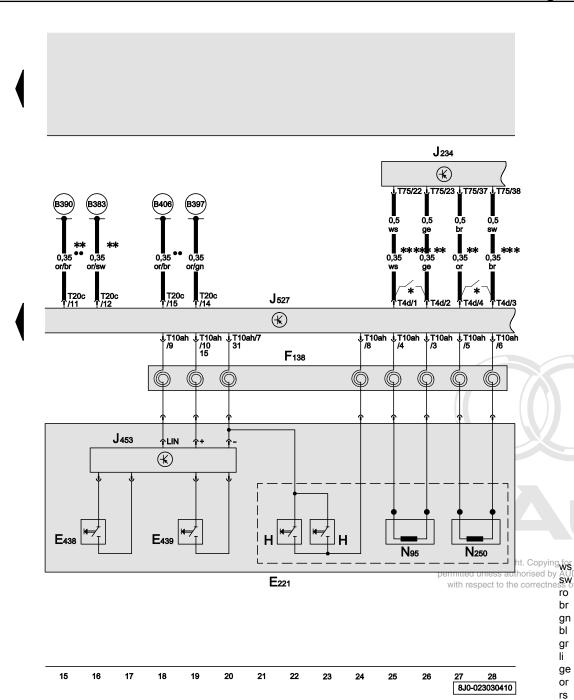






Steering column electronics control unit, fuses

- 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



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
- Н Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- Steering column electronics control unit
- Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control
- T10ah 10-pin connector, on steering column electronics control unit
- T20c 20-pin connector, black, connector A, on steering column electronics control unit
- 75-pin connector, yellow, on airbag control unit T75
- Connection 1 (drive train CAN bus, high), in main wiring harness
- Connection 1 (drive train CAN bus, low), in main wiring harness
- Connection 1 (convenience CAN bus, high), in main wiring B397
- Connection 1 (convenience CAN bus, low), in main wiring B406
- CAN bus (data wire)
- short circuit bridge becomes effective when connector is
- up to May 2009
- from June 2009

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^{™ete}white

= brown green

= arev = purple = yellow

= orange

= pink



Preparation for radio (8YU)

from model year 2007

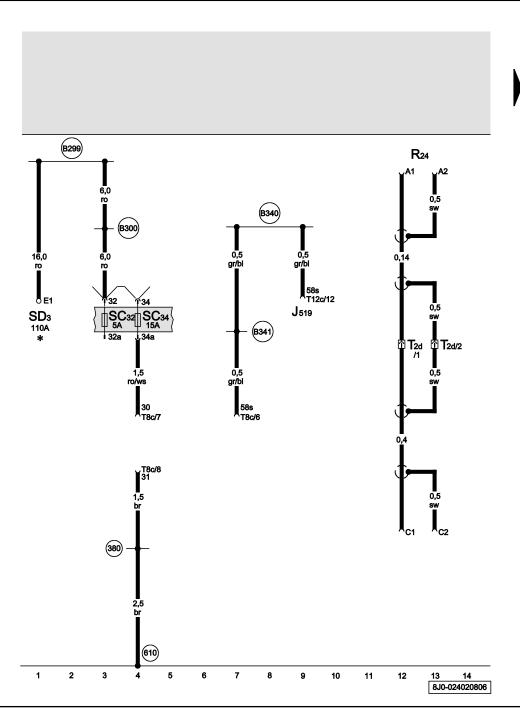
Notes:

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







Preparation for radio supply

- 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
- 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
- (B340) Connection 1 (58s), in main wiring harness
- (B341) Connection 2 (58s), in main wiring harness
 - main fuse box, in luggage compartment, rear right, on the battery

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



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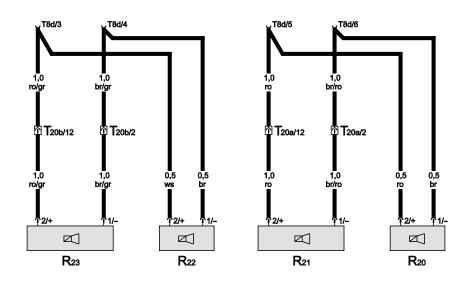


Preparation for radio loudspeakers

- 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



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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

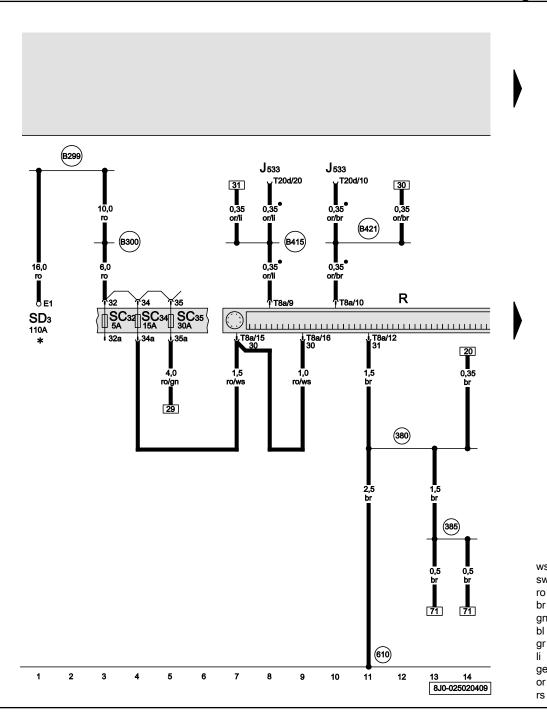
from model year 2007

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





Radio, fuses

J533	Dat	a bus	diagnostic	inter	tace
_	_				

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

8-pin connector, black, radio pin connector D T12f 12-pin connector, blue, radio connector B

20-pin connector, black, on data bus diagnostic interface

Earth connection 15, in main wiring harness

Earth connection 20, in main wiring harness

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

Positive connection 3 (30), in main wiring harness

Positive connection 4 (30), in main wiring harness

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

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

CAN bus (data wire)

black = red brown = green

= blue

= grey

= purple = yellow

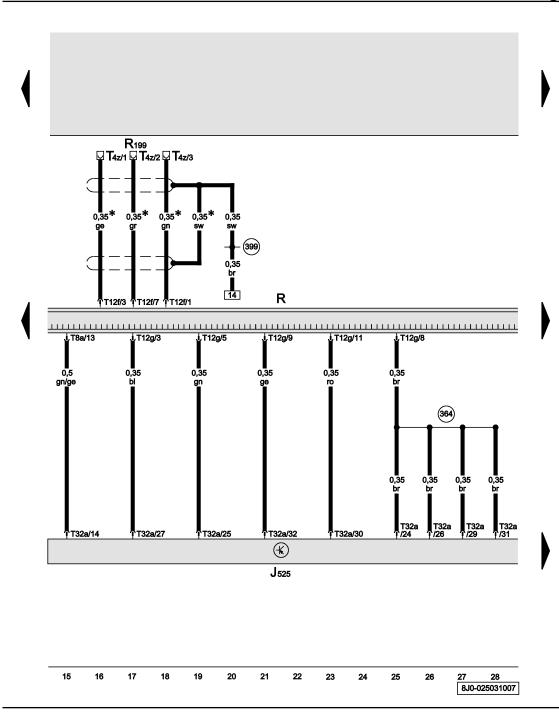
= orange

= pink

rs

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

white

= black

browngreen

= blue

= grey

purpleyellow

= orange

= pink

= red

sw ro

br

or

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

12g 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

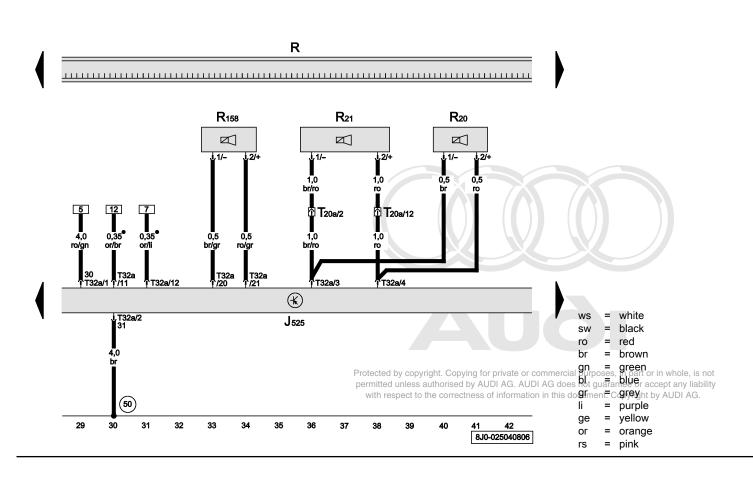






Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- 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)

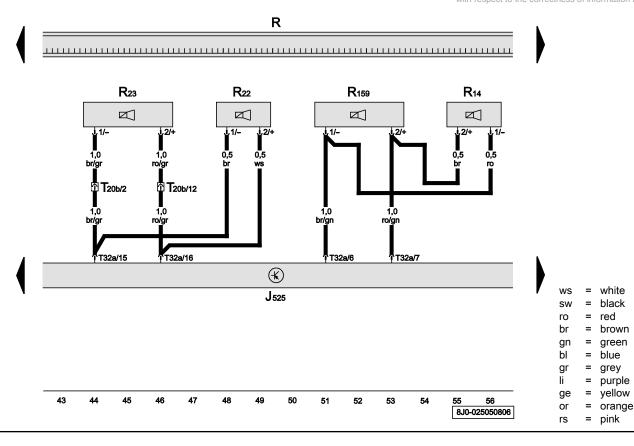






Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right bass loudspeaker, rear left mid-range and bass loudspeaker

- 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



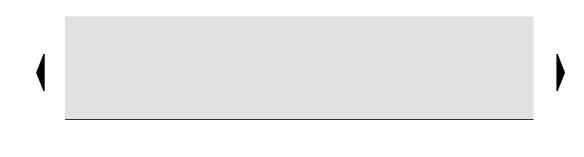


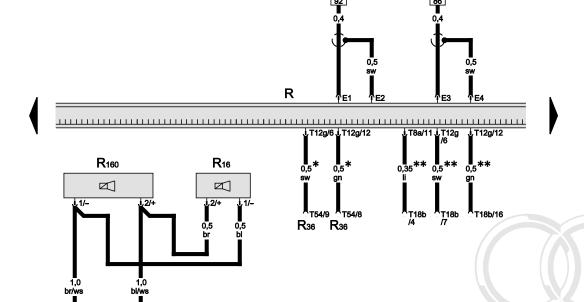
T32a/18

(K)

J525

T32a/19





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
- 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)

= white

sw ro

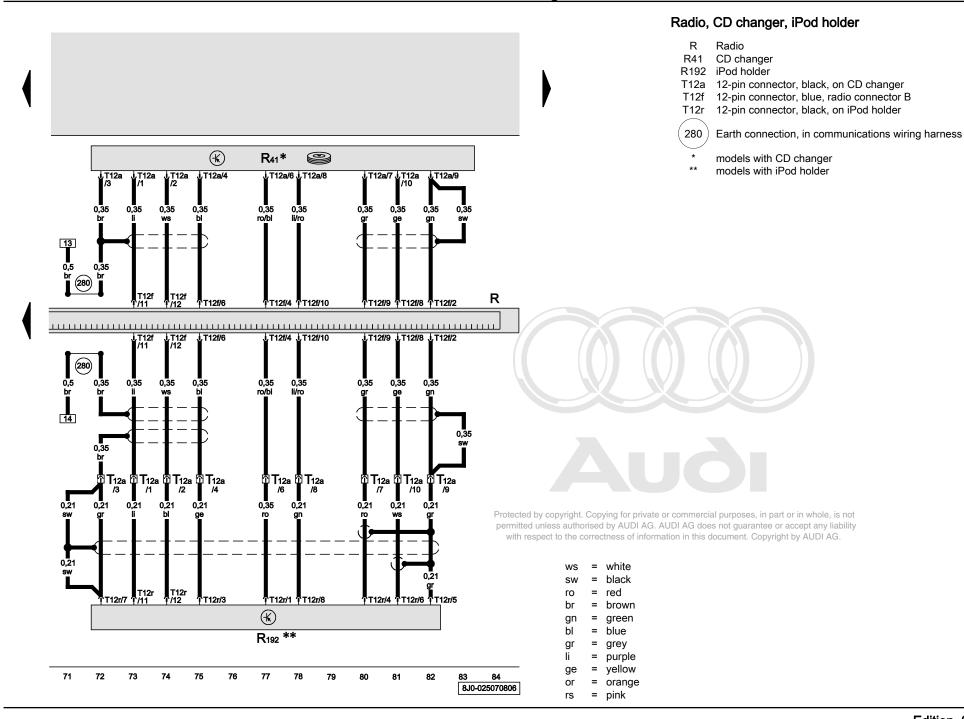
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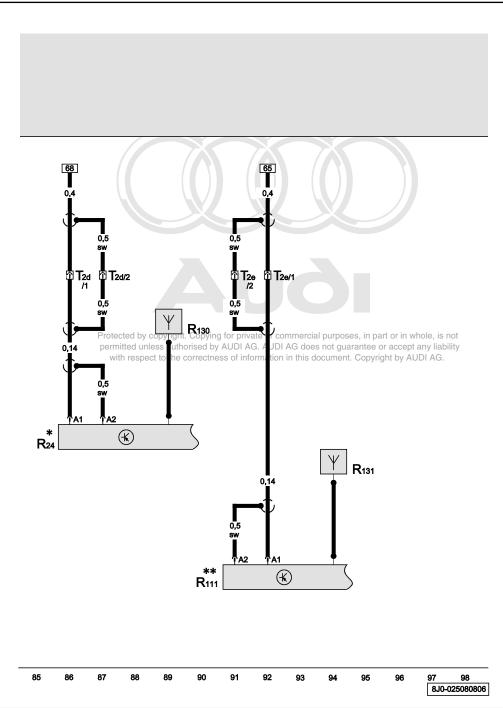
permitted unless authorised

70

8J0-025060906

or = orange





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

= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or



Radio with BOSE soundsystem (8RY) Coupé

from model year 2007

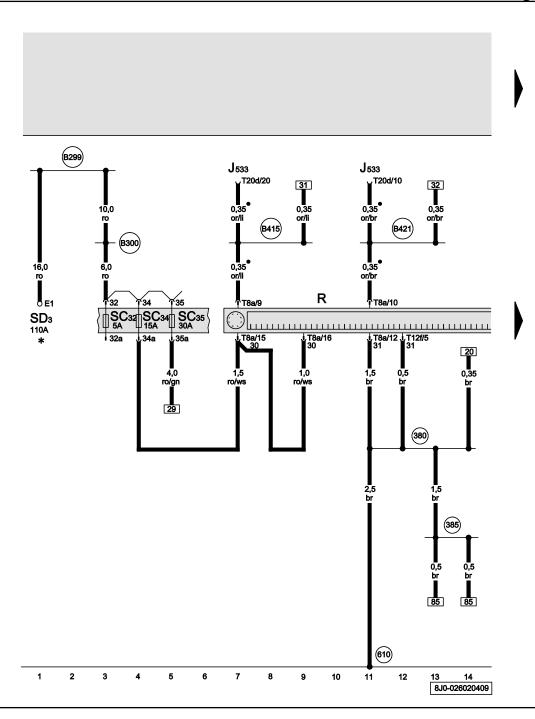
Notes:

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







Radio, fuses

J533 Data bus diagnostic interface

R Rad

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

Protected (385) ig Earth connection 20, in main wiring harness to rin whole, is not permitted unless authorised by AUDI 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

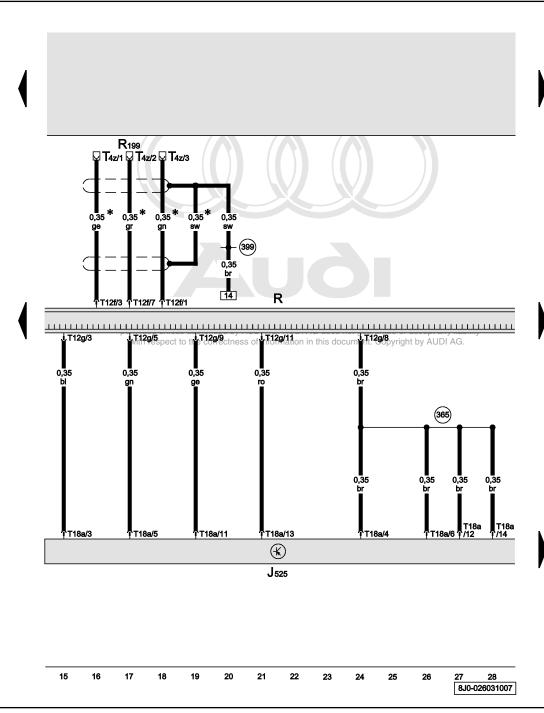
(B421) Connection 1 (infotainment CAN bus, low), in main wiring harness

CAN bus (data wire)

* main fuse box, in luggage compartment, rear right, on the battery

= white = black = red

> brown green blue grey



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

J525 Digital sound package control unit

R Radio

= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

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

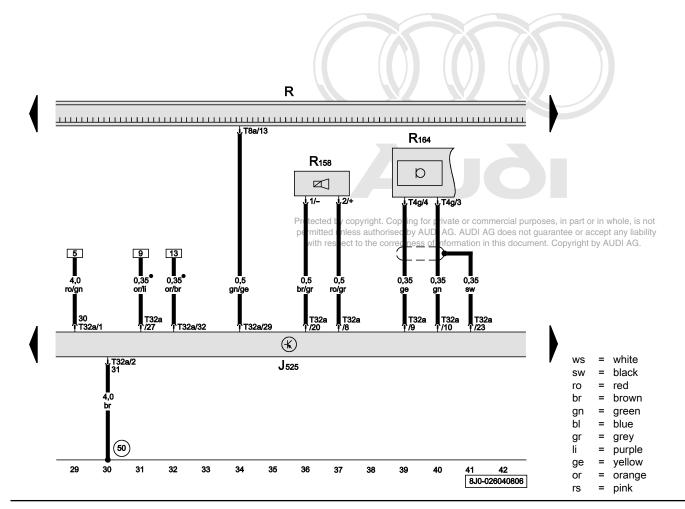
B65 Earth connection 2 (LF), in dash panel wiring harness

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 Radi

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

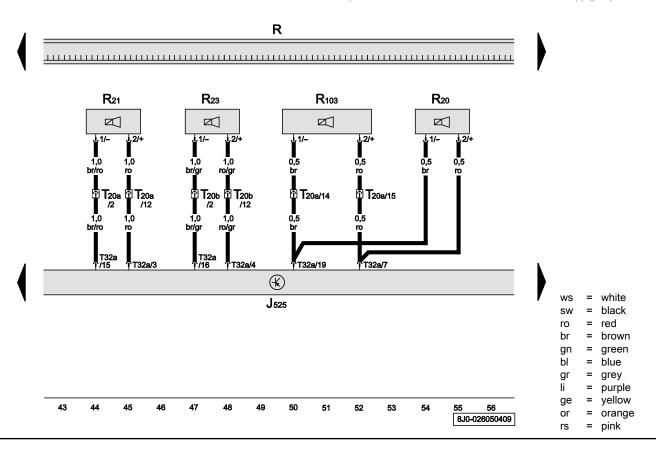
CAN bus (data wire)

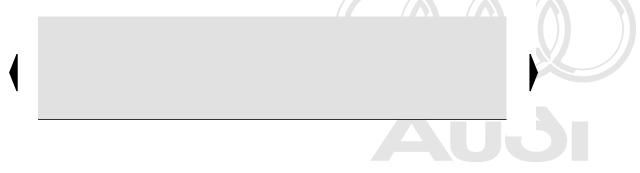




Radio, digital sound package control unit, front left treble loudspeaker, front left and right bass loudspeaker, front left mid-range loudspeaker

- 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





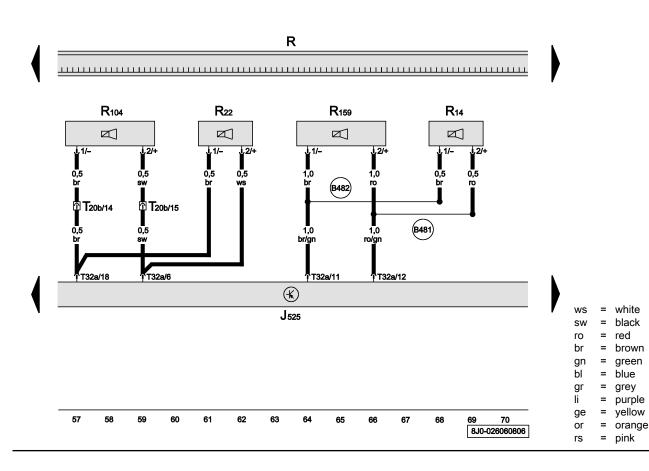
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Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right midrange loudspeaker, rear left midrange and bass loudspeaker

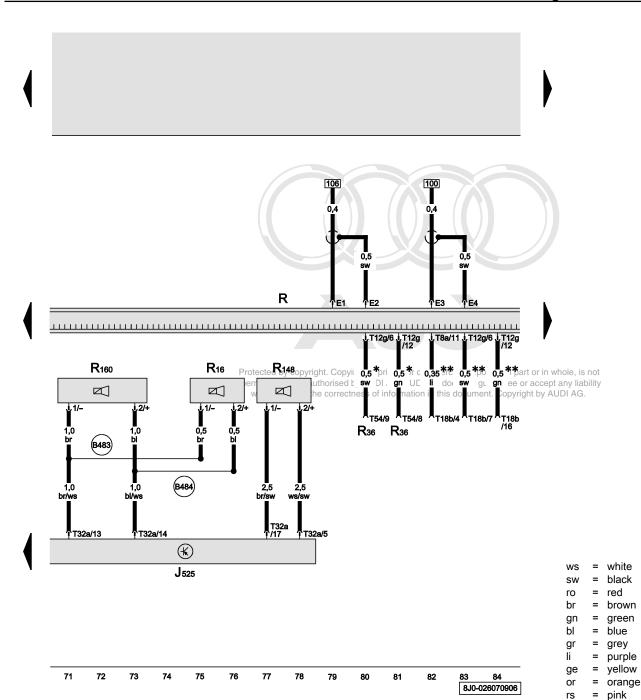
- J525 Digital sound package control unit
- R Radio
- R14 Rear left treble loudspeaker
- R22 Front right treble loudspeaker
- R104 Front right mid-range loudspeaker
- R159 Rear left mid-range and bass loudspeaker
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black,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

Connection 17 in main wiring harness

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

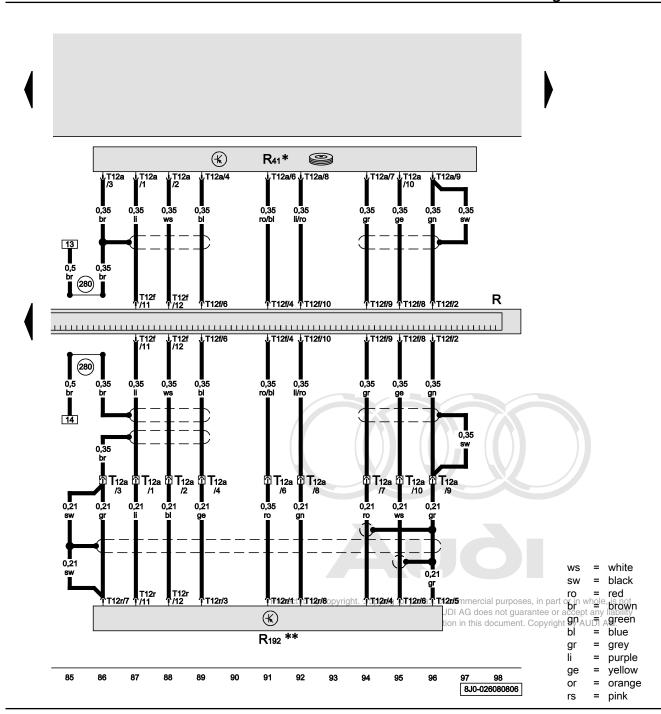
receiver unit

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)



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



100

101

102

103

104

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106

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108

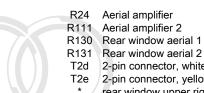
109

110

111 112

8J0-026090806

Aerial amplifier, rear window aerial



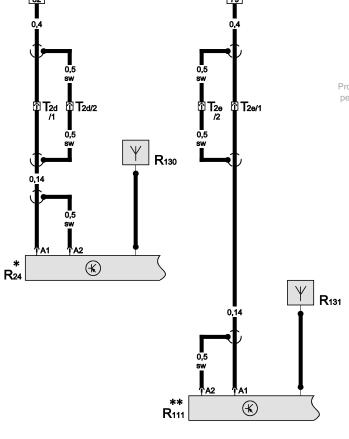
R24 Aerial amplifier R111 Aerial amplifier 2 R130 Rear window aerial 1

2-pin connector, white, on rear right roof frame 2-pin connector, yellow, on rear right roof frame

rear window upper right rear window bottom right



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= white = black = red = brown = green = blue = grey = purple = yellow or = orange = pink



Preparation for mobile telephone (9ZF, 9ZG)

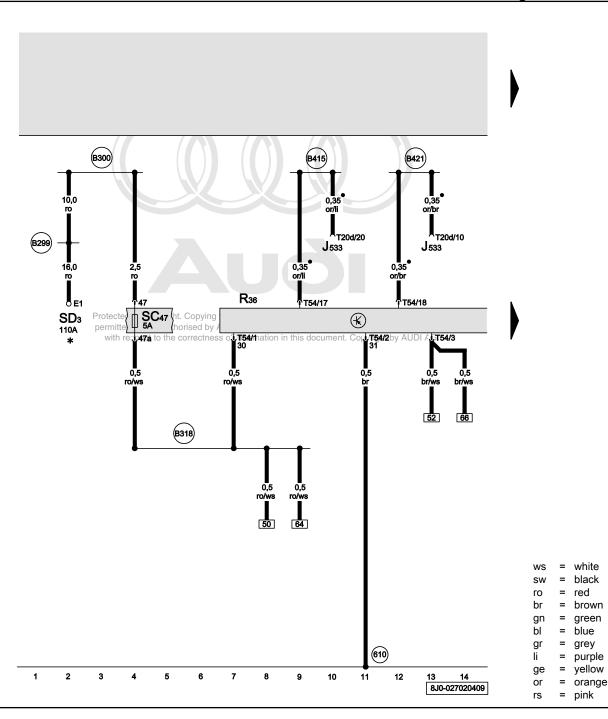
from model year 2007

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





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

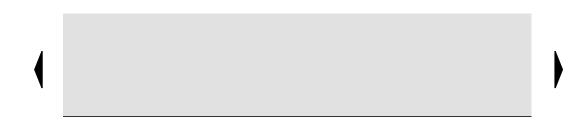
Connection 1 (infotainment CAN bus, high), in main wiring harness

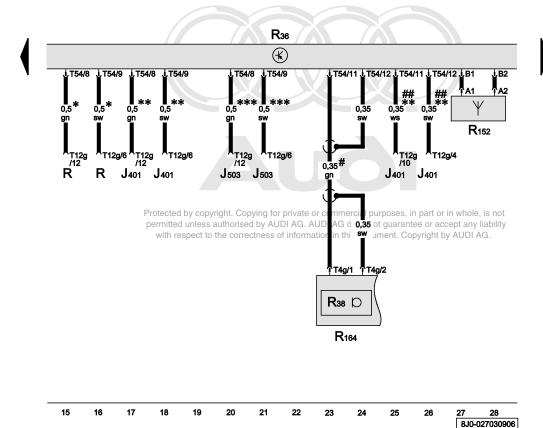
Connection 1 (infotainment CAN bus, low), in main wiring harness

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

= white = black = red

browngreenbluegreypurpleyellow

= orange

= pink

or

- 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



Telephone transmitter and receiver unit, mobile telephone, telephone bracket

R36 Telephone transmitter and receiver unit

R54 Mobile telephone

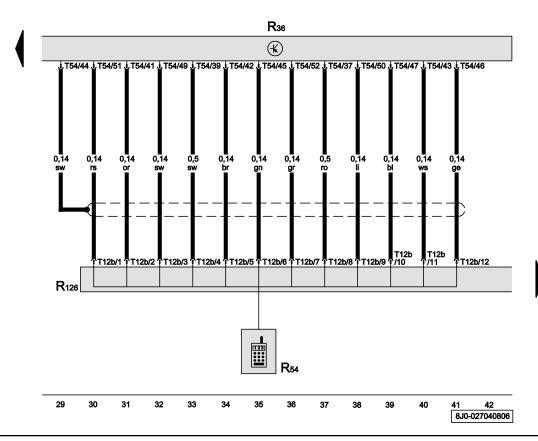
R126 Telephone bracket

T12b 12-pin connector, black, on telephone bracket

Γ54 54-pin connector, connector A, on telephone transmitter and

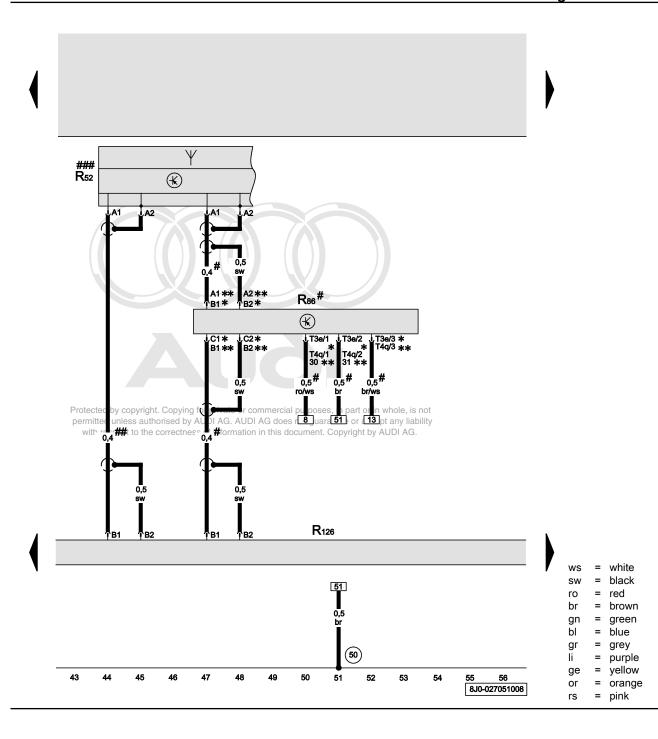
receiver unit

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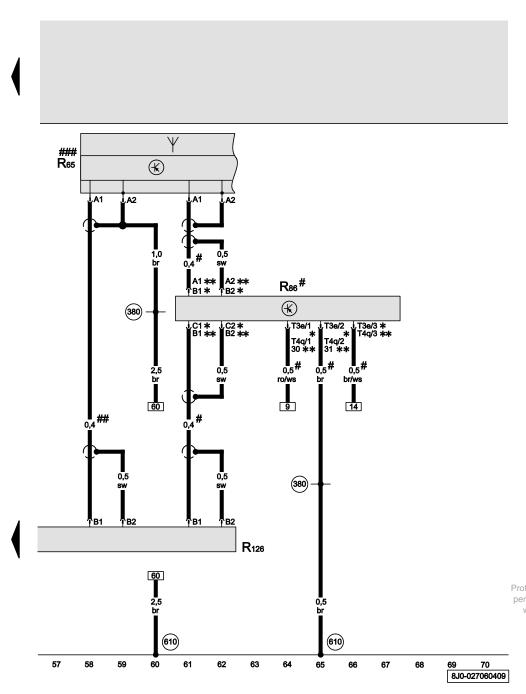
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange

= pink



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
- 126 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



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

R65 Telephone aerial

R86 Aerial amplifier for mobile telephone

R126 Telephone bracket

3-pin connector, black, on aerial amplifier for mobile telephone

4-pin connector, black, on aerial amplifier for mobile telephone

Earth connection 15, in main wiring harness

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

= white = black

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to the General of the state of

= purple

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= orange or = pink



Preparation for mobile telephone (9ZD)

from model year 2007

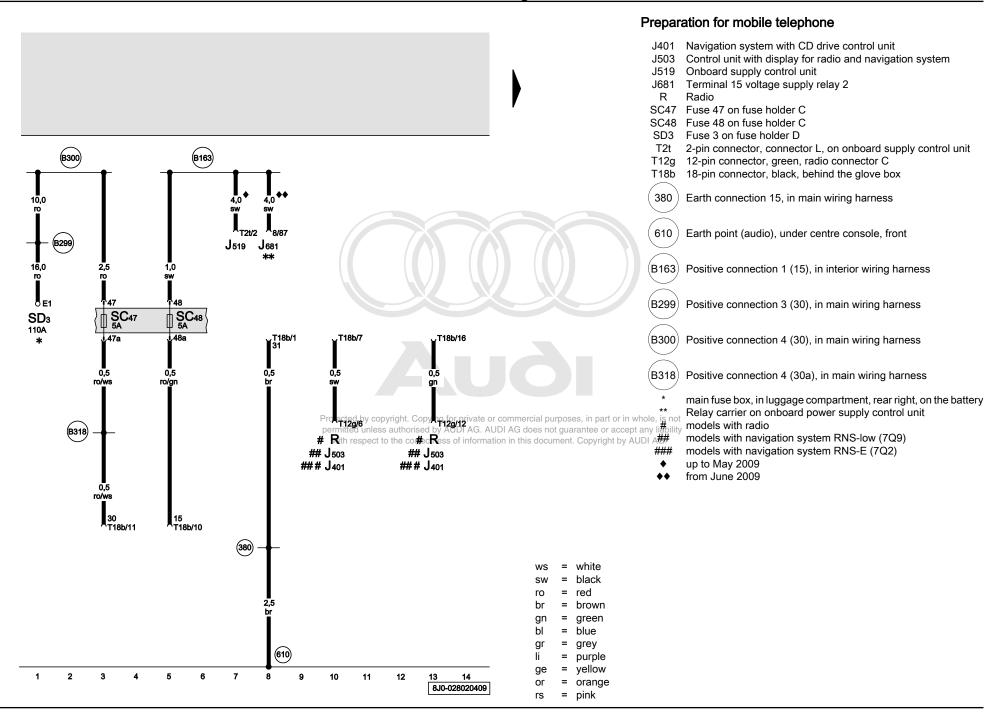
Notes:

For information concerning

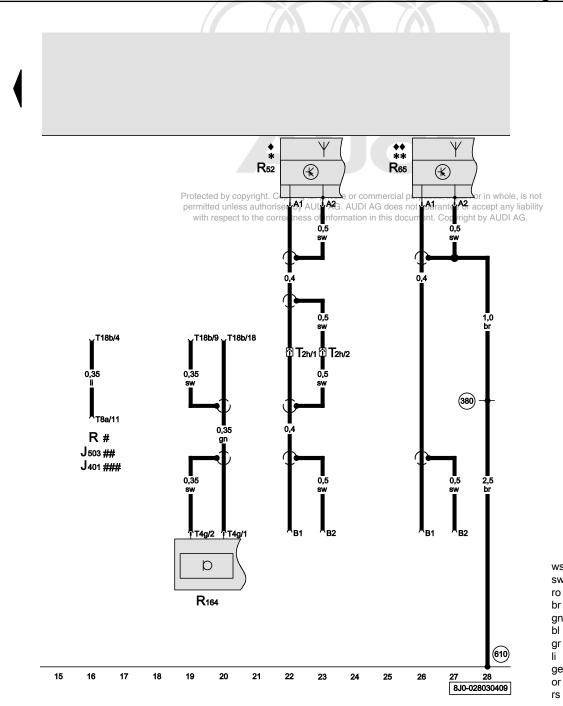
- Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding











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

whiteblackred

browngreenbluegreypurpleyellow

= orange

= pink

♦♦ Roadster



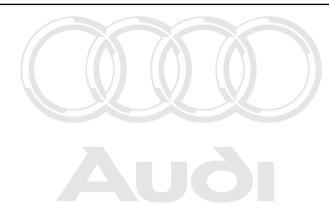
Navigation system RNS-low (7Q9)

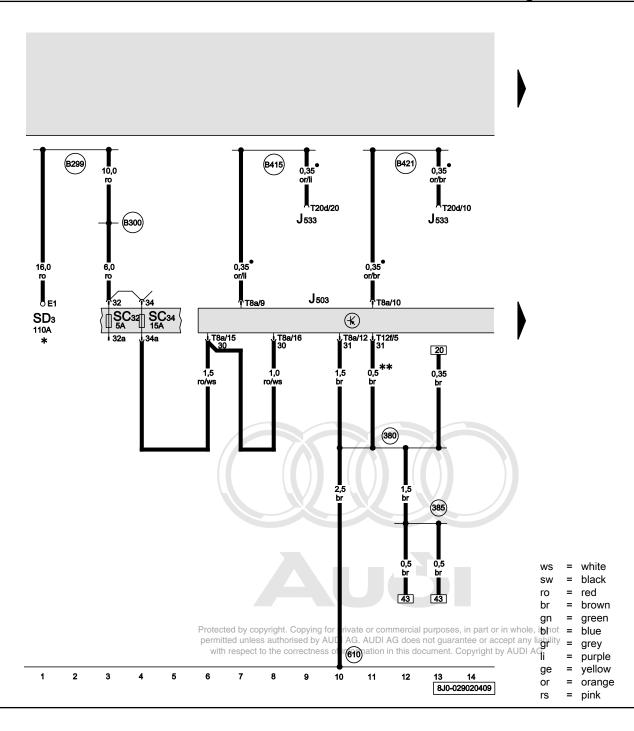
from model year 2007

Notes:

For information concerning

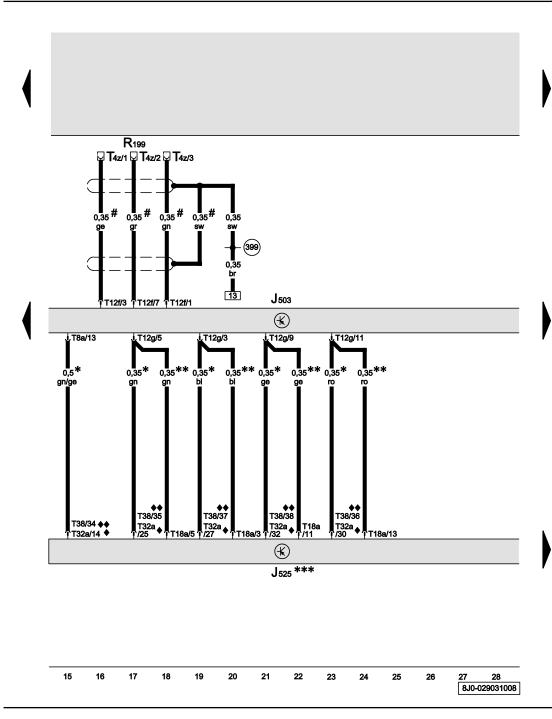
- ♦ Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding





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
- 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
- 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)



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

blackredbrowngreenbluegreypurpleyellow

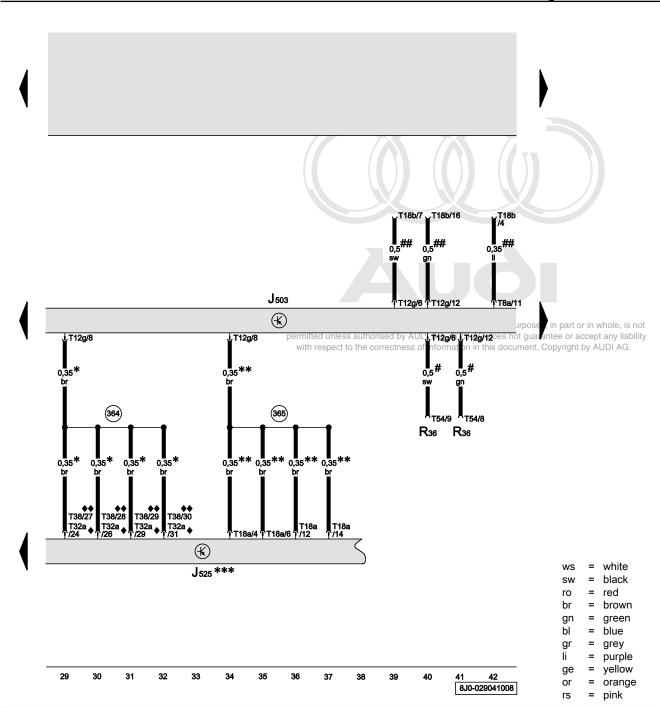
= orange

= pink

or

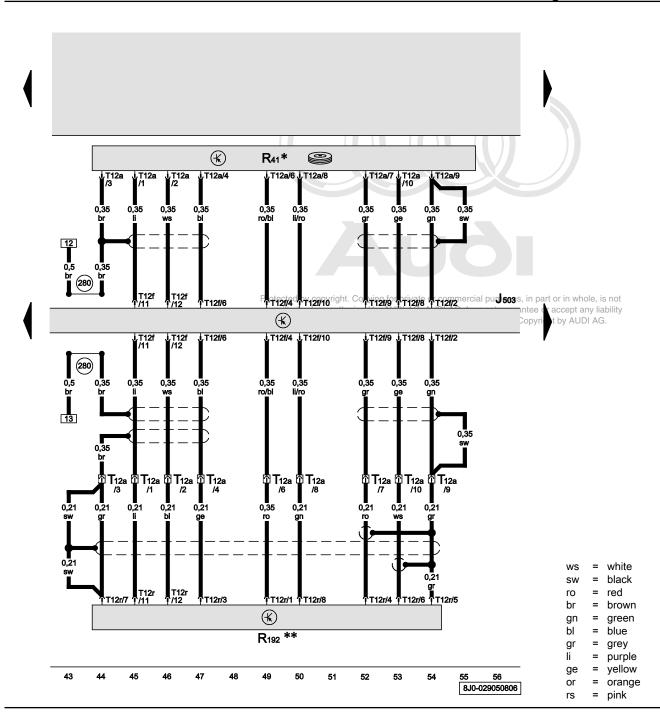
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Radio/ control unit with display for radio and navigation, digital sound package control unit

- 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



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

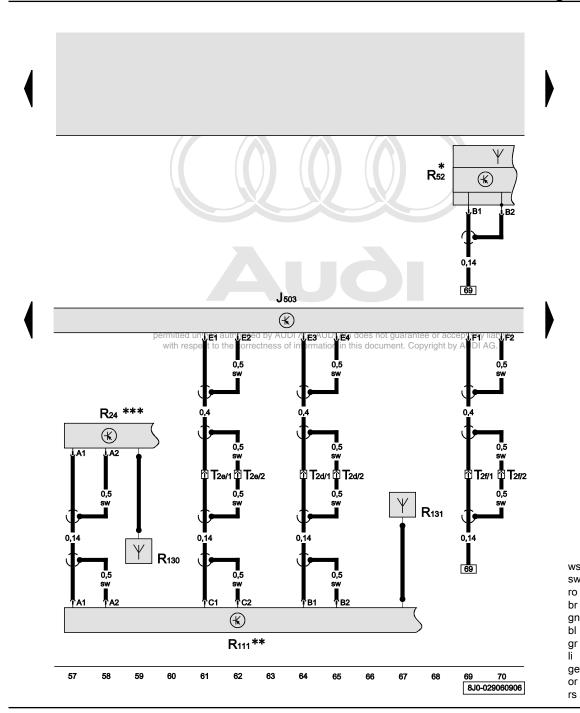
T12f 12-pin connector, blue, radio connector B

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

2e 2-pin connector, yellow, on rear right roof frame

T2f 2-pin connector, blue, on rear right roof frame

* roof aerial

whiteblackred

= brown

= green = blue

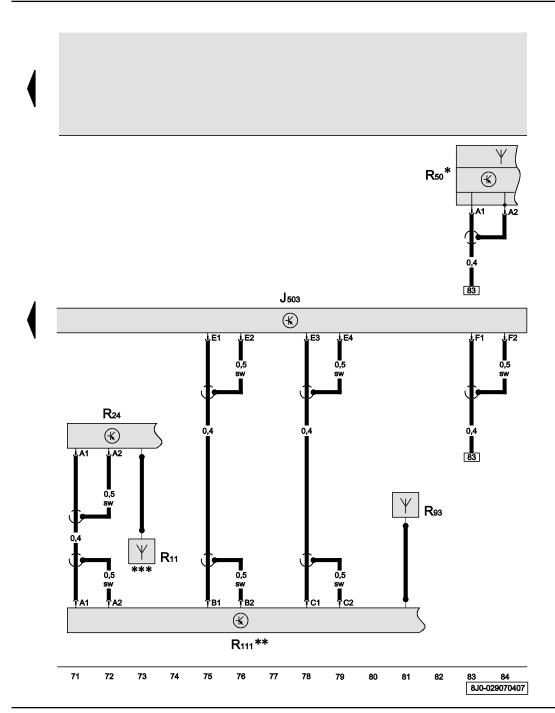
= grey = purple = yellow

= orange

= pink

** rear window bottom right

*** rear window upper right



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

193 Radio aerial 2

R111 Aerial amplifier 2

on centre windscreen

** rear right

** rod aerial rear left



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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

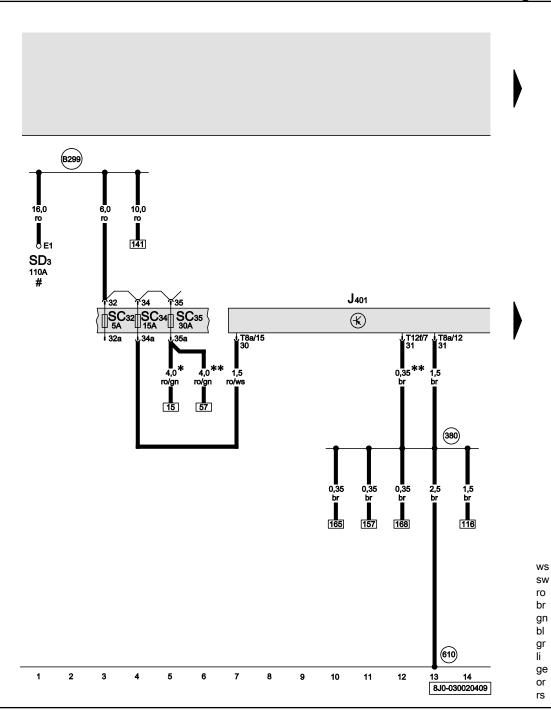


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white
black
red
brown
green
blue
grey
purple
yellow

= orange

= pink



Navigation system with CD drive control unit, fuses

J401 Navigation system with CD drive control	uni
--	-----

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

ig(380 ig) Earth connection 15, in main wiring harness

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

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

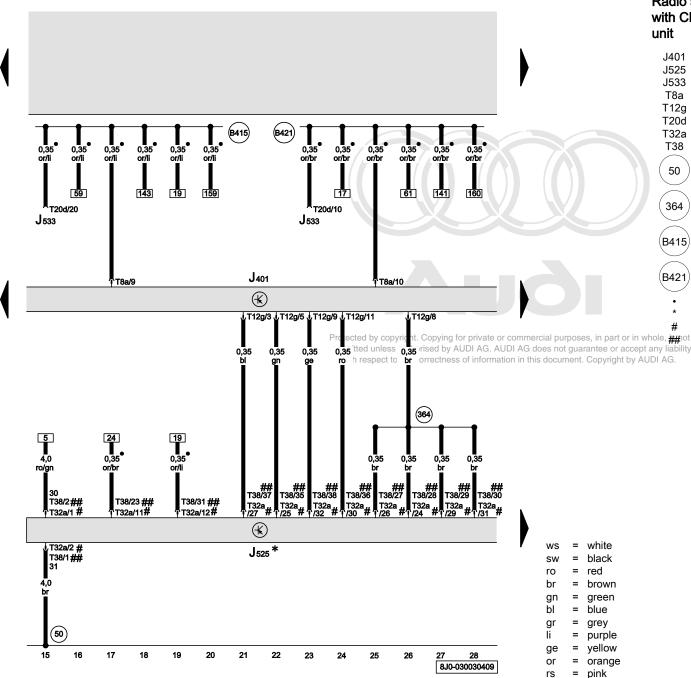
* models with radio standard soundsystem (9VD)

* models with radio BOSE soundsystem (8RY)

main fuse box, in luggage compartment, rear right, on the battery



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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
- 38 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
- Connection 1 (infotainment CAN bus, high), in main wiring
- 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



30



J401 (K) R₂₃ **R**21 **R**20 R22 **R**158 ,1/-<u>l</u> 1/-0,5 1,0 br/ro 0,5 0,5 0,5 0,5 0,5 1,0 1,0 1,0 ₫ T20a/2 ₫ **Т**20b/12 ∯ T20a/12 ₾ T20b/2 1,0 br/ro ## ## T38/10 T38/22 T32a # T32a # 1/20 # 1/21 T38/16 ## T32a/15 # T38/5 ## T32a/4 # T38/4 ## T32a/16# T38/17 ## (*) J525 *

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
- 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



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gn = green

blue

purple

= yellow

or = orange

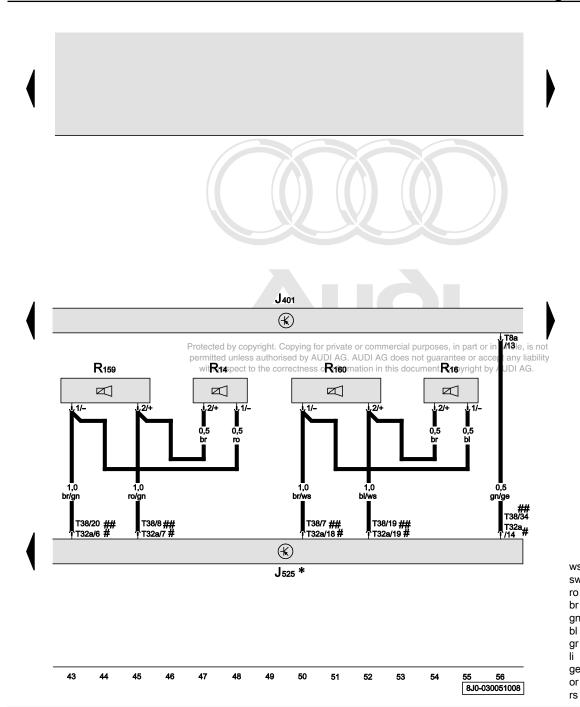
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42

8J0-030041008





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
- Γ8a 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

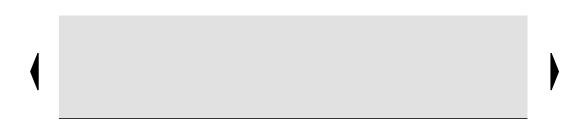
white

blackredbrowngreenbluegreypurpleyellow

= orange

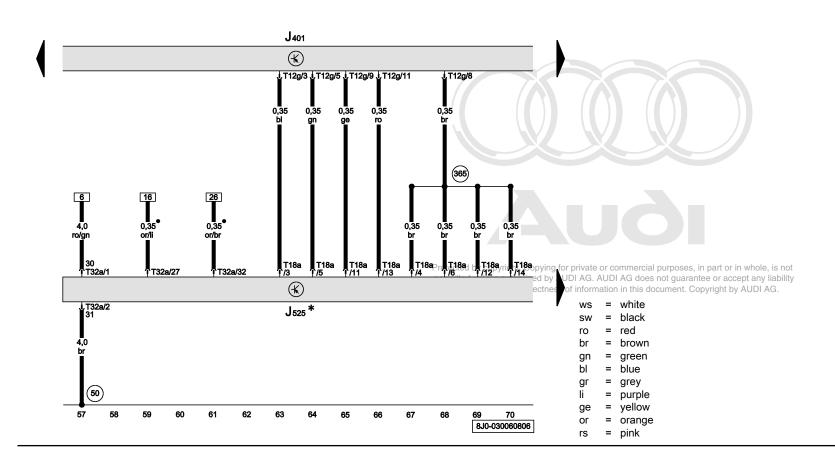
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Radio BOSE soundsystem (8RY), navigation system with CD drive control unit, digital sound package control unit

- 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)



white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

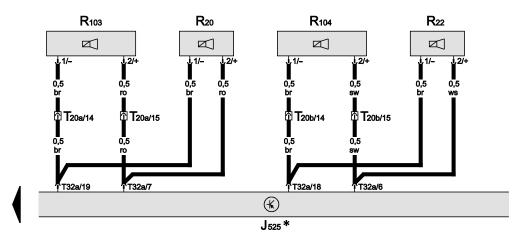
rs





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with recent to the correction is this decrease. Convicts to 41/DLAC



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 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)





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J401 **(K) R**164 R₁₄₈ **R**158 **R**21 **R23** 0 T4g/4 T4g/3 ,1/-,1/-.1/-,1/-1,0 br/ro 1,0 1,0 br/gr ₫ T20a T20b T20b //12 ₫ T20a/12 2,5 br/sw 0,5 br/gr ws/sw ro/gr br/ro br/gr ro/gr T32a T32a /20 T32a 1/16 T32a 7/23 T32a 1/17 T32a/8 T32a/3 T32a/4 **K** J525 * 91 98 8J0-030080409

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

= white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

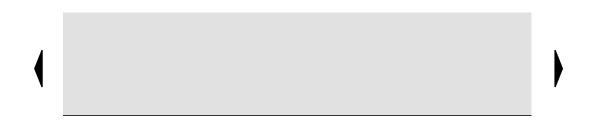
or

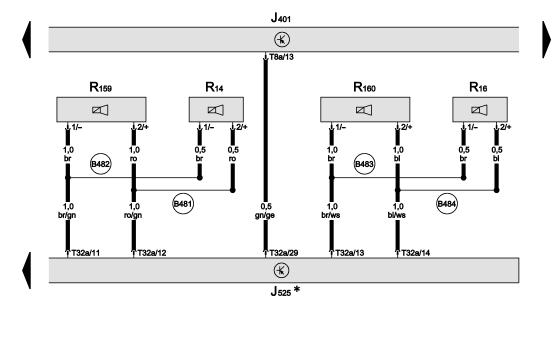
- R158 Centre mid-range and treble loudspeaker
- R164 Microphone unit in front roof module
- T4g 4-pin connector, black, on microphone unit in front roof module
- T20a 20-pin connector, black, in the front left door
- T20b 20-pin connector, black, in the front right door
- T32a 32-pin connector, black, on digital sound package control unit
 - models with radio BOSE soundsystem (8RY)



100

101





106

107

108

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110

112

8J0-030090806

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 midrange 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
- Γ32a 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)

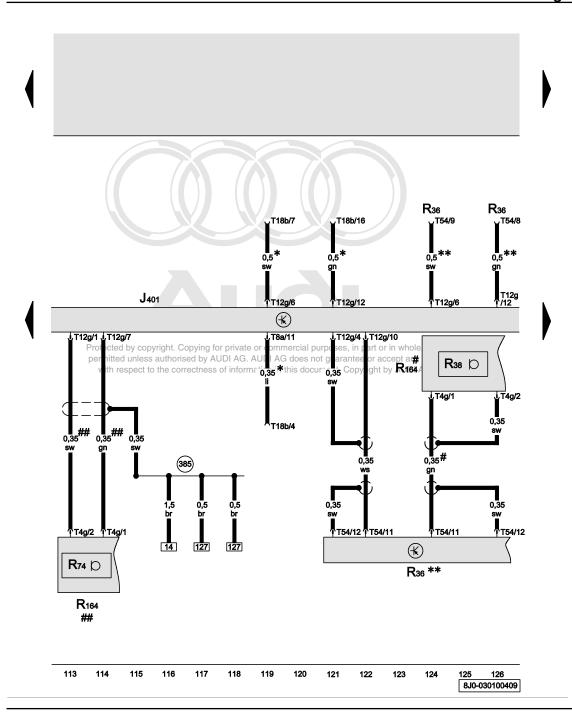
Audi

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= white

= black





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

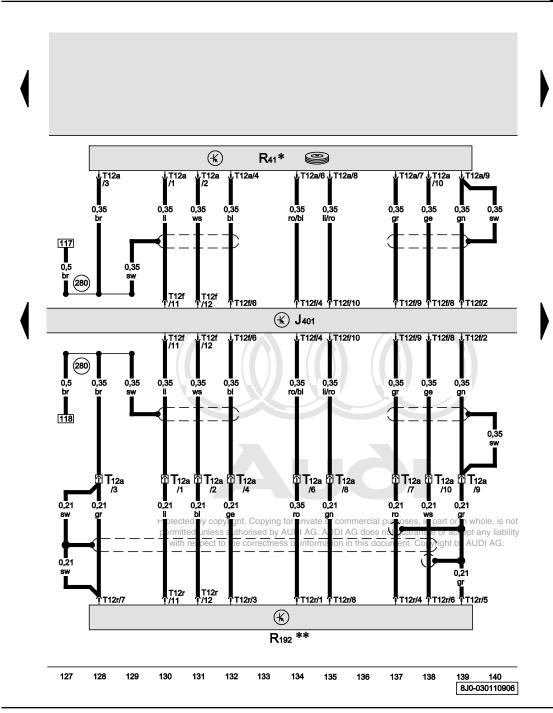
= white

= black = red

= brown
= green
= blue
= grey
= purple
= yellow

= orange

= 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

= white

= black

= brown

= green = blue

or

purpleyellow

= orange

= pink

= red

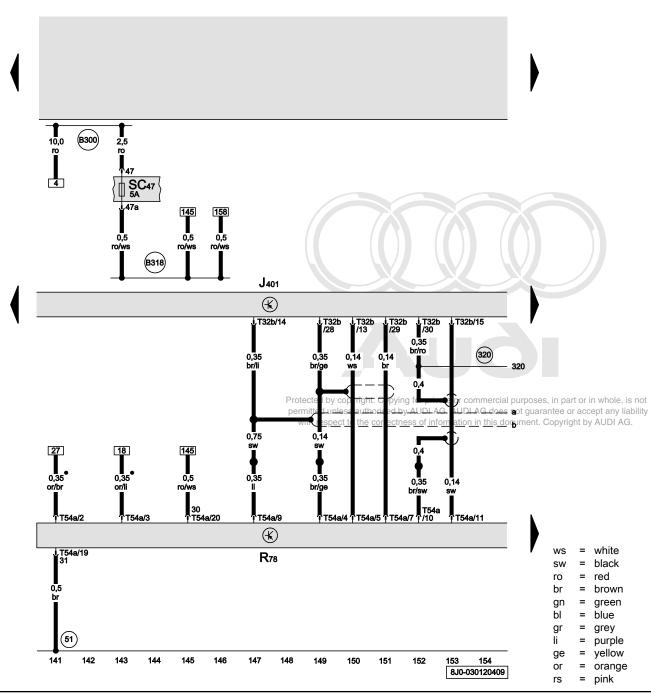
T12a 12-pin connector, black, on CD changer T12f 12-pin connector, blue, radio connector B

T12r 12-pin connector, black, on iPod holder

280 Earth connection, in communications wiring harness

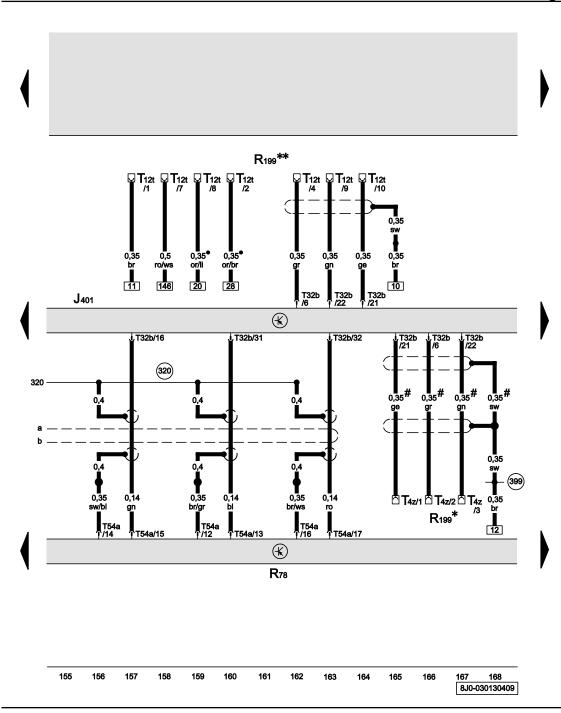
* models with CD changer

** 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)



Navigation system with CD drive control unit, TV tuner, AUX-in bus, Audi Music Interface - AMI 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
- 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, AMI Audi Music Interface (UF7)
- # from November 2007
- ## from June 2009

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= black = red = brown = green = blue

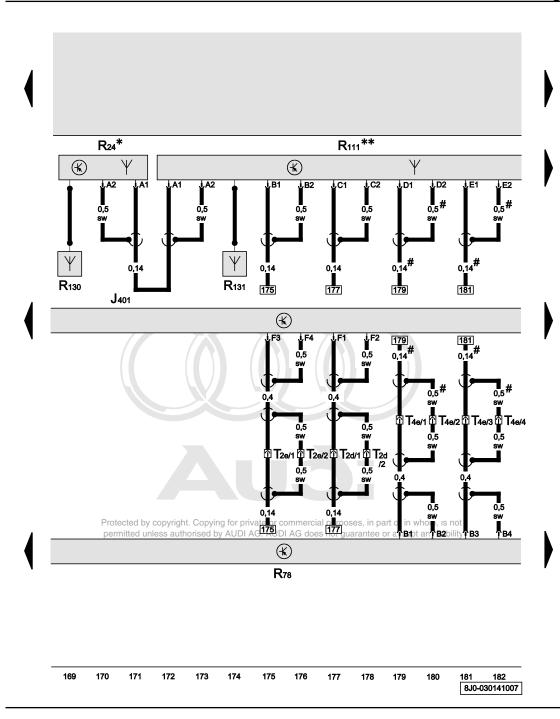
purpleyellow

= orange

= pink

or

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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

= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or

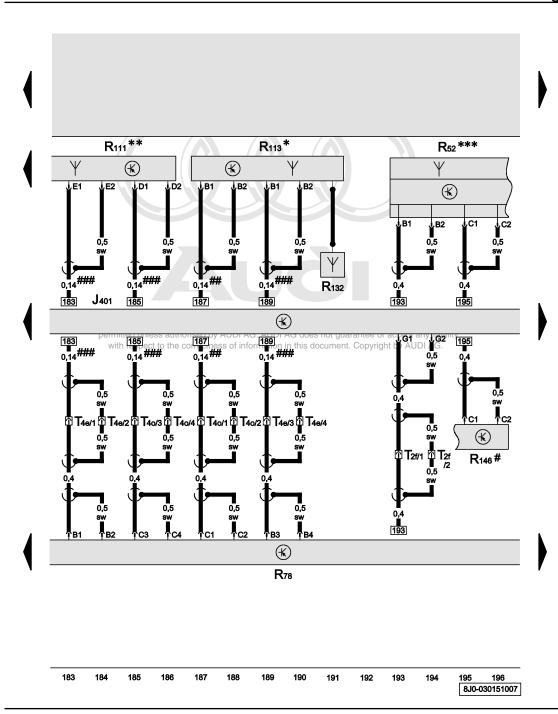
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blackredbrowngreenbluegreypurpleyellow

= orange

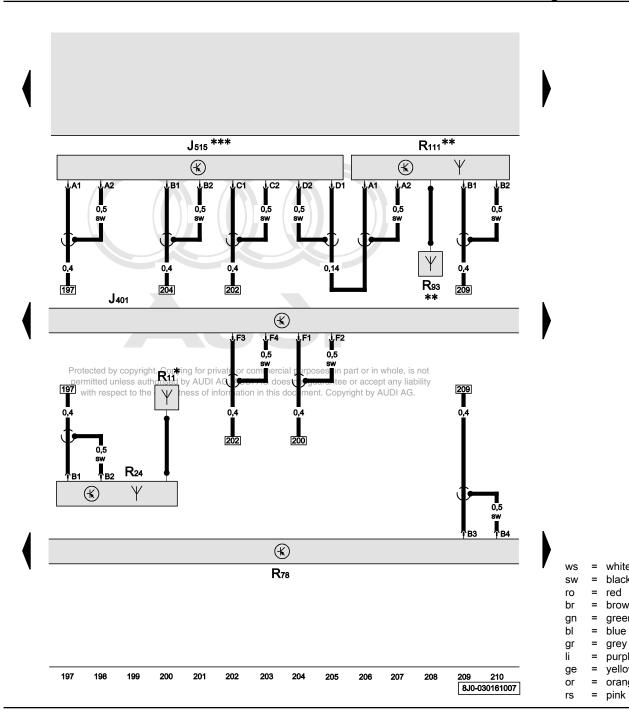
= pink

or



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
      Radio, telephone and navigation system aerial
      TV tuner
R111 Aerial amplifier 2
R113 Aerial amplifier 4
R132 Rear window aerial 3
R146
      Satellite radio
       2-pin connector, blue, on rear right roof frame
      4-pin connector, green, on right in rear lid
      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
```



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
- Aerial amplifier R24
- R78 TV tuner
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- rod aerial rear left rear right

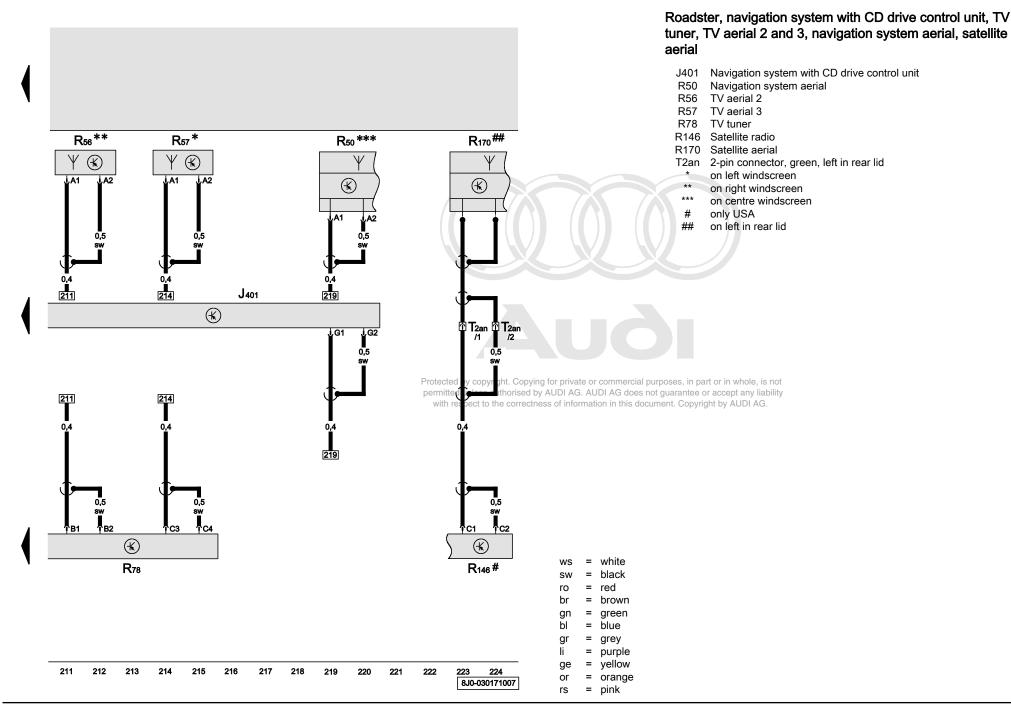
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= orange

under the floor panel in the luggage compartment







Navigation system Japan (7Q4)

from model year 2007

Notes:

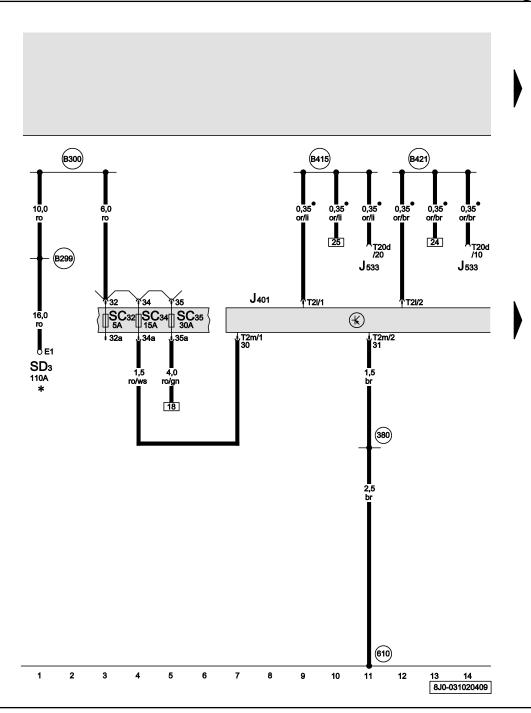
For information concerning

- ♦ 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



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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
- T2l 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

AUOI

ws - wille

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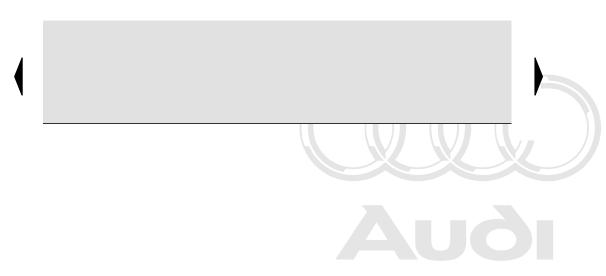
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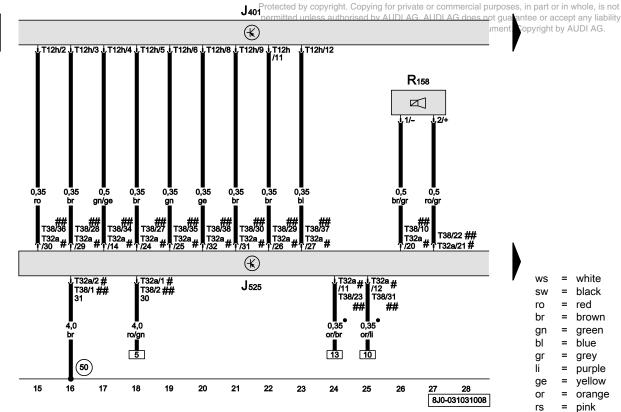
= purple

je = yellow

or = yellow or = orange

rs = pink





Navigation system with CD drive control unit, digital sound package control unit, centre mid-range and treble loudspeaker

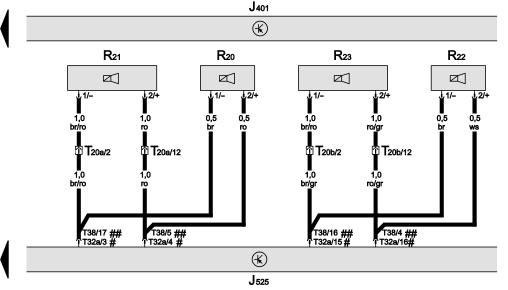
- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- R158 Centre mid-range and treble loudspeaker
- T12h 12-pin connector, black, connector C, on navigation system with CD drive control unit
- T32a 32-pin connector, black, on digital sound package control unit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



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

42

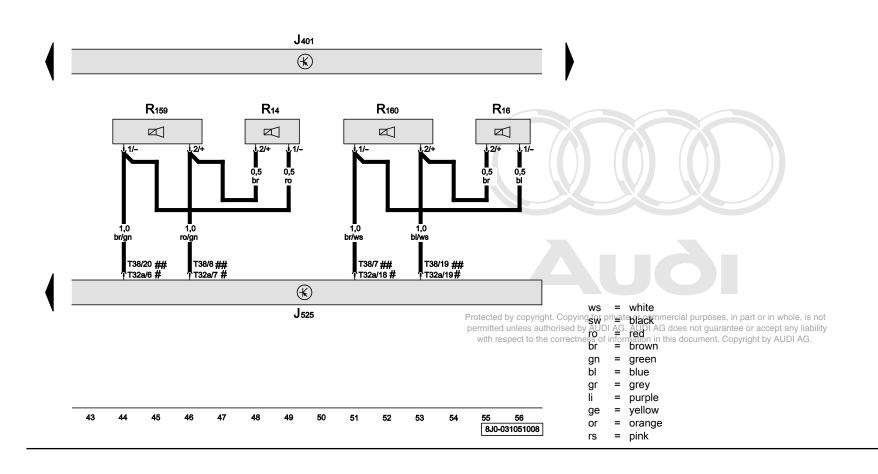
8J0-031041008





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



= white= black= red= brown

= green

= orange

= pink

bluegreypurpleyellow

or

rs





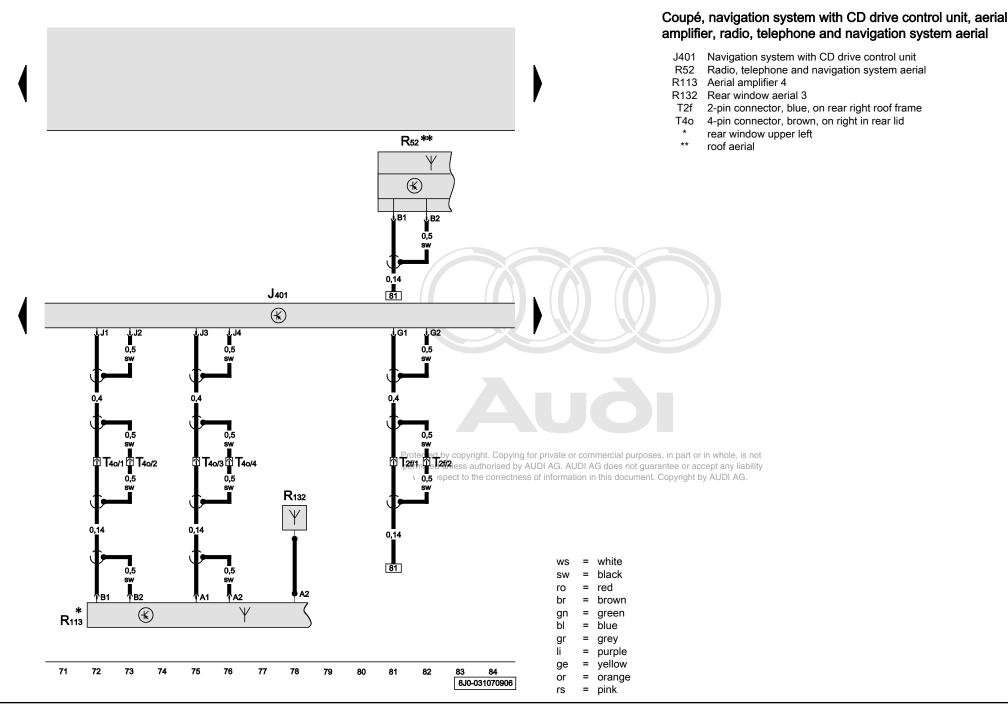
J401 **K** ⁷ T2d/1 ⁷ T2d/2 T4e/1 T4e/2 T4e/3 T4e/4 R₁₃₀ R131 **(K)** R₁₁₁ 67 68 70 8J0-031060906

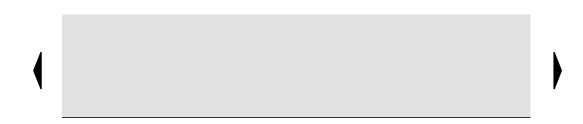
Coupé, navigation system with CD drive control unit, aerial amplifier

- 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



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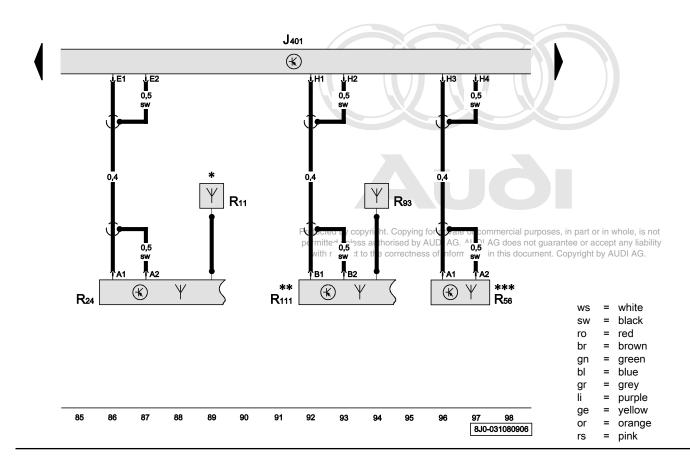


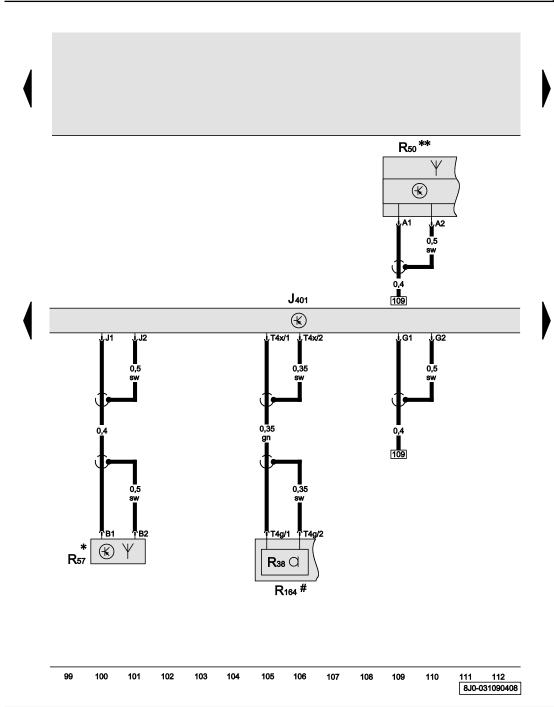


Roadster, navigation system with CD drive control unit, aerial amplifier, TV aerial 2

- 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

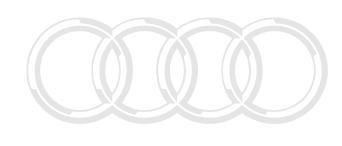
 * rod aerial rear left
- ** rear right
- *** on right windscreen





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



white = black

= red

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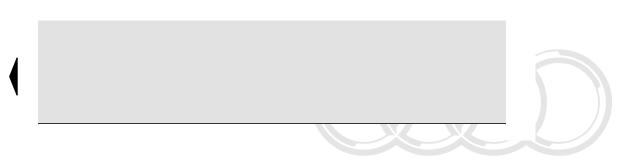
= grey

= purple

= yellow

= orange or

= pink



Navigation system with CD drive control unit, TV card reader

J401 Navigation system with CD drive control unit

R204 TV card reader

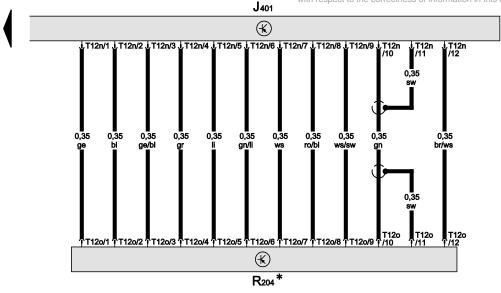
T12n 12-pin connector, connector K, on navigation system with CD drive control unit

T12o 12-pin connector, black, on TV card reader

from June 2008

Audi

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

= 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



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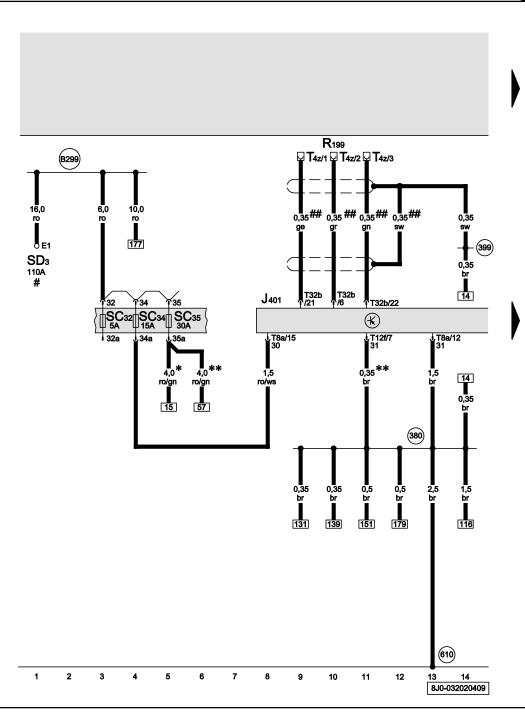
whiteblackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

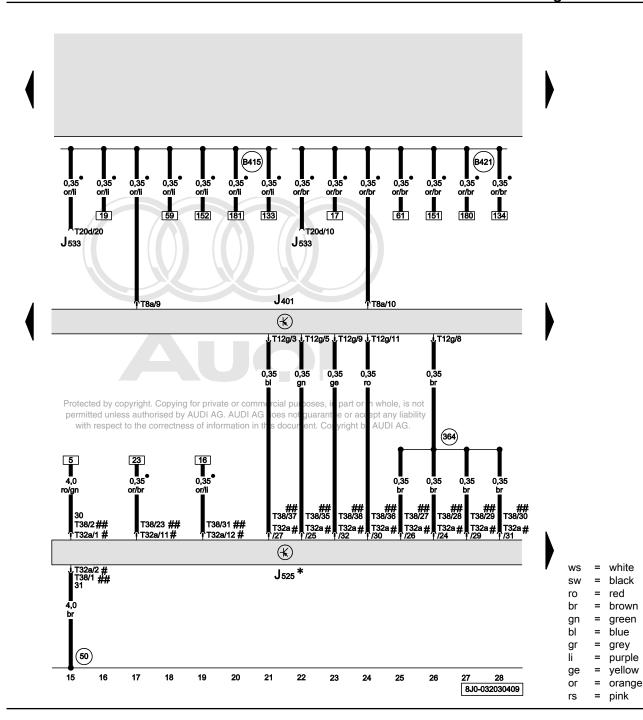




Navigation system with CD drive control unit, connection for external audio source (Aux-In), fuses

- 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)

Protected by copyrigh#Copymain.fuse.box, in-luggage.compartment.prear, right; on the battery permitted unless aut##isedmodels with connection for external audio:source; AUX-in bus 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

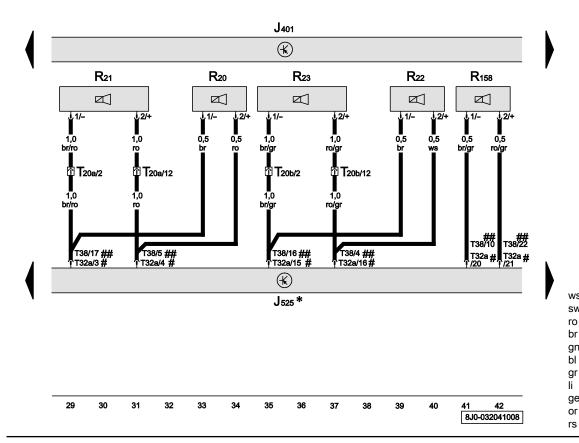
- J401 Navigation system with CD drive control unit
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- T8a 8-pin connector, black, radio pin connector D
- T12g 12-pin connector, green, radio connector C
- T20d 20-pin connector, black, on data bus diagnostic interface
- 32-pin connector, black, on digital sound package control unit 38-pin connector, black, on digital sound package control unit
- - Earth point, on left in luggage compartment
- Earth connection 1 (LF), in dash panel wiring harness
- Connection 1 (infotainment CAN bus, high), in main wiring harness
- 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

blue

purple







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
```

ProtT32a by 32-pin connector, black, on digital sound package control unit is not permT381 un38-pin connector, black, on digital sound package control unitability with respendeds with radio standard soundsystem (9VD) yright by AUDI AG.

up to January 2009 ## from February 2009

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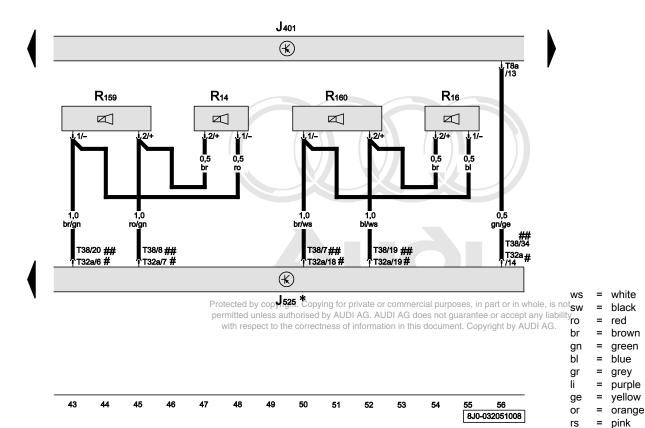
blackredbrowngreenbluegreypurpleyellow

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= pink







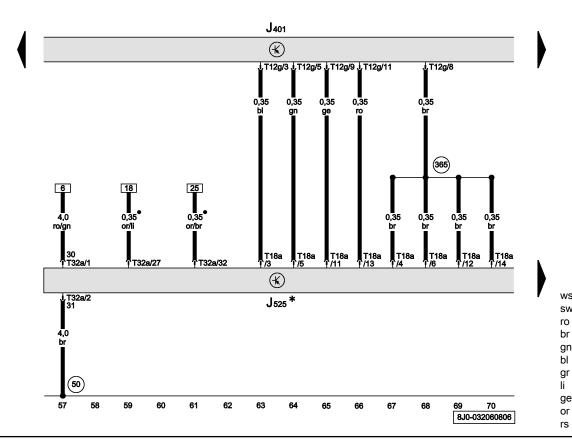
Navigation system with CD drive control unit, digital sound package control unit, rear left and right treble loudspeaker, rear left and right mid-range and bass loudspeaker

- 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





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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)

= white

= black = red

browngreenbluegrey

purpleyellow

= orange

= pink

* models with radio BOSE soundsystem (8RY)

= white

= black = red

= brown

= green

bluegreypurpleyellow

= orange

= pink

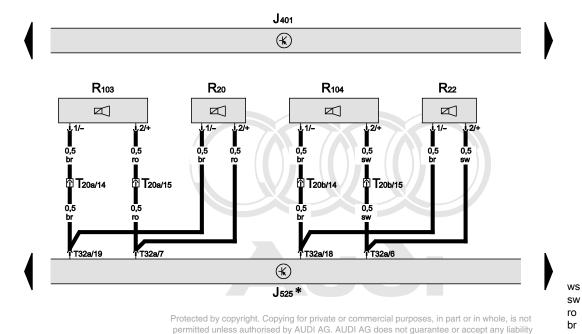
or



71

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81

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84

8J0-032070806

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
- 1525 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)

= white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

8J0-032080409





J401 **(K) R**164 R₁₄₈ **R**158 **R**21 **R23** 0 T4g/4 JT4g/3 ,1/-,1/-.1/-,1/-1,0 br/gr 1,0 1,0 br/ro Ф T20a Ф T20a **ФТ20ь ФТ20ь** /2 /2 2,5 br/sw 0,5 br/gr 1,0 1,0 ws/sw ro/gr br/ro br/gr ro/gr T32a 7/20 T32a 1/15 T32a 1/16 T32a 7/23 T32a 1/17 [™]T32a/5 T32a/8 T32a/3 T32a/4 **K** J525 * 91 98

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

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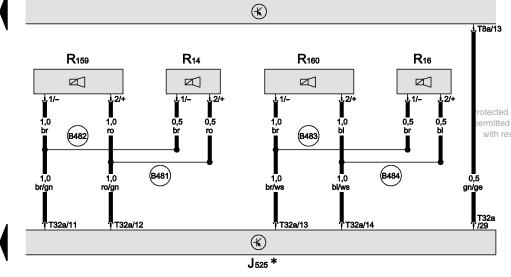
100

101



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)



106

107

108

109

110

112

8J0-032090806

J401

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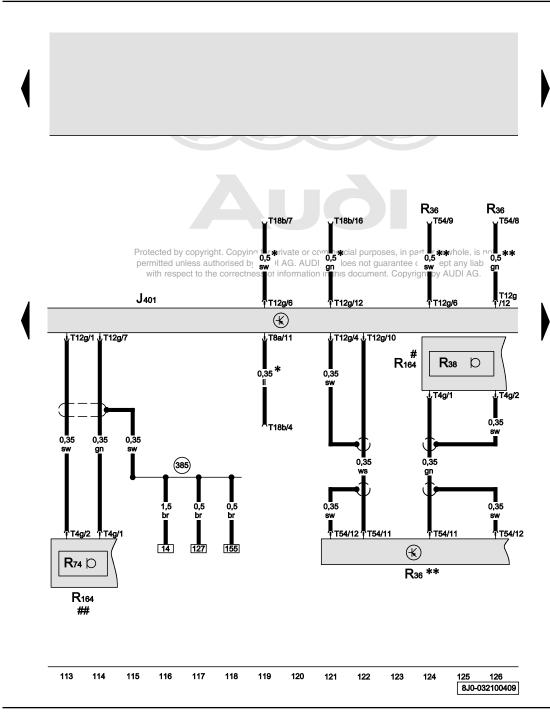
= white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

or



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

white

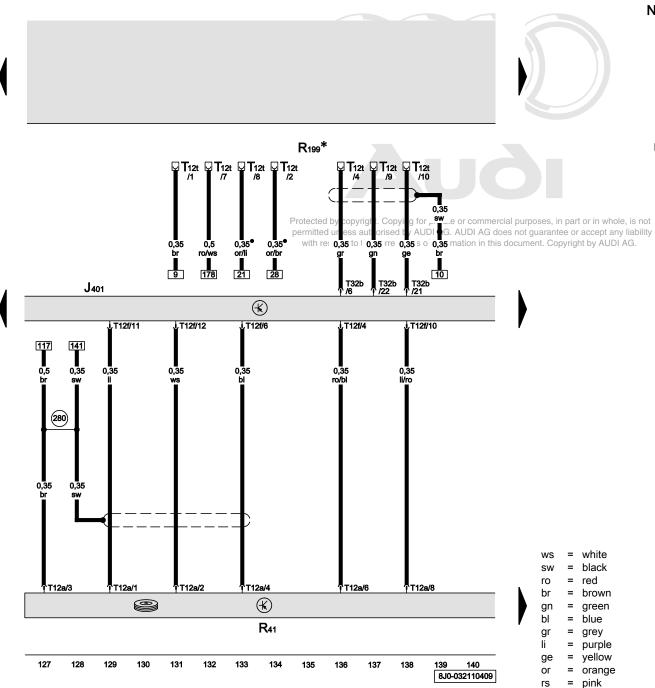
= black = red

= brown
= green
= blue
= grey
= purple
= yellow

= orange

= pink

- (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



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

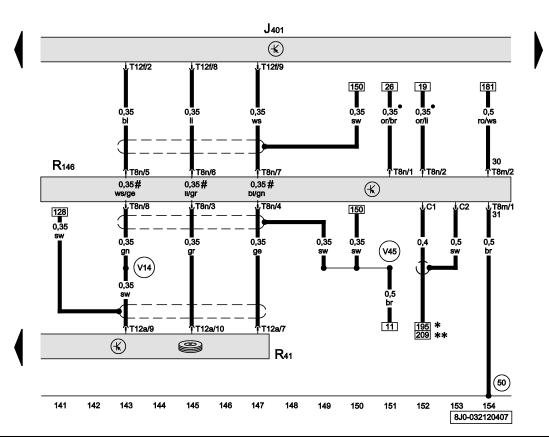
280

Earth connection, in communications wiring harness

- CAN bus (data wire)
- models with connection for external audio source, AMI Audi Music Interface (UF7)



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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, 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

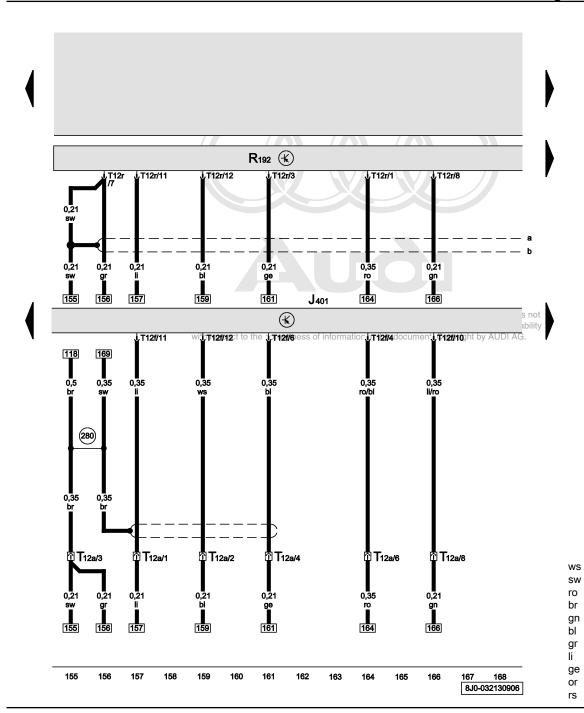
V45 Connection 2 (screening), in CD changer wiring harness

CAN bus (data wire)

* Coupé

** Roadster

vehicles without satellite radio bridged by mating plug



Navigation system with CD drive control unit, iPod holder

J401 Navigation system with CD drive control unit

R192 iPod holder

= white = black

= red

= brown

= green

= blue = grey = purple = yellow

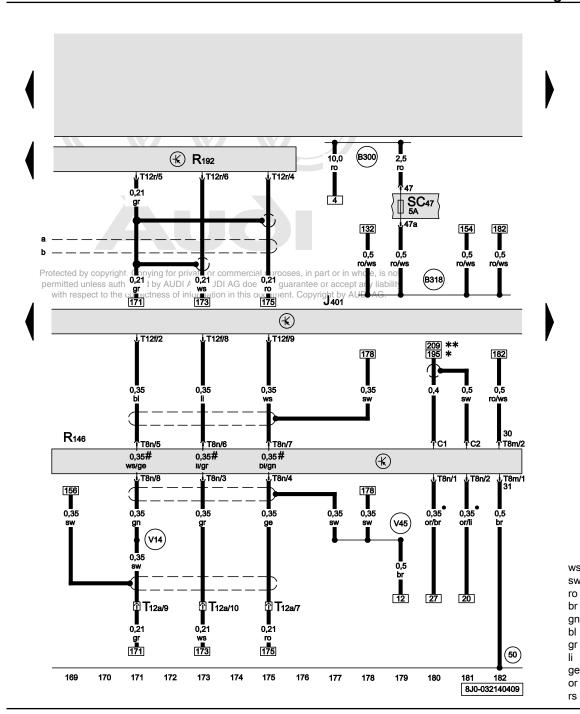
= orange

= pink

T12a 12-pin connector, black, on CD changer

T12f 12-pin connector, blue, radio connector B T12r 12-pin connector, black, on iPod holder

Earth connection, in communications wiring harness



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
- 12a 12-pin connector, black, on CD changer
- T12f 12-pin connector, blue, radio connector B
- 12r 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

= white = black = red

brown

green

blue

grey

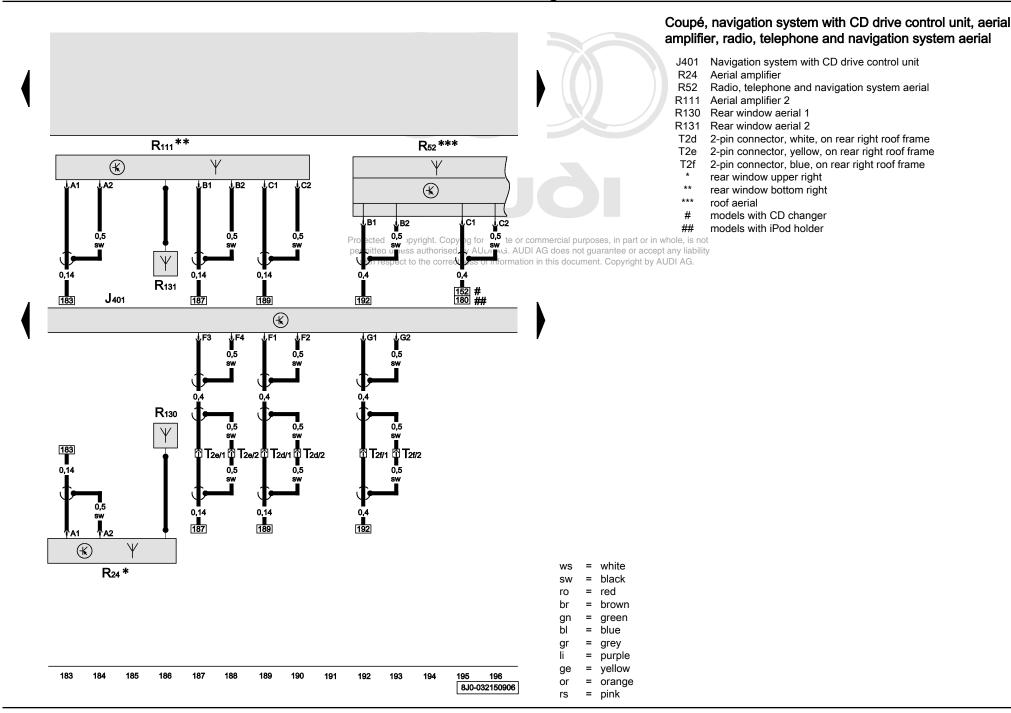
= orange

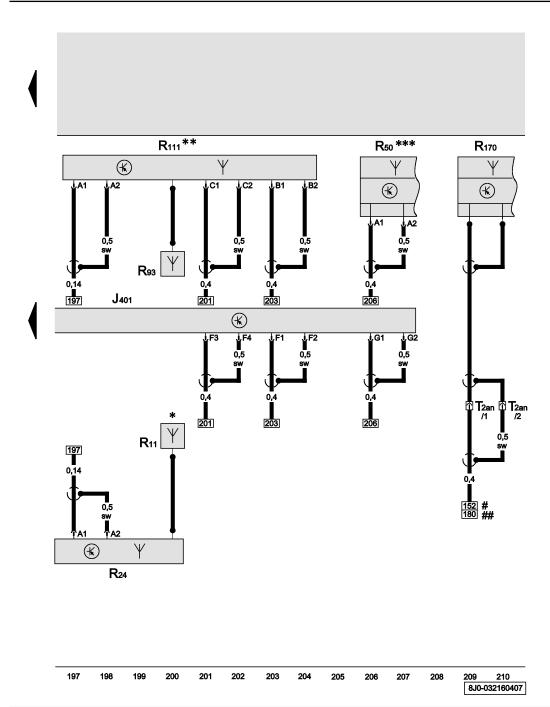
= pink

purpleyellow

- ** Roadster
- # vehicles without satellite radio bridged by mating plug







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



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Radio with BOSE soundsystem (8RY) Roadster

from model year 2007

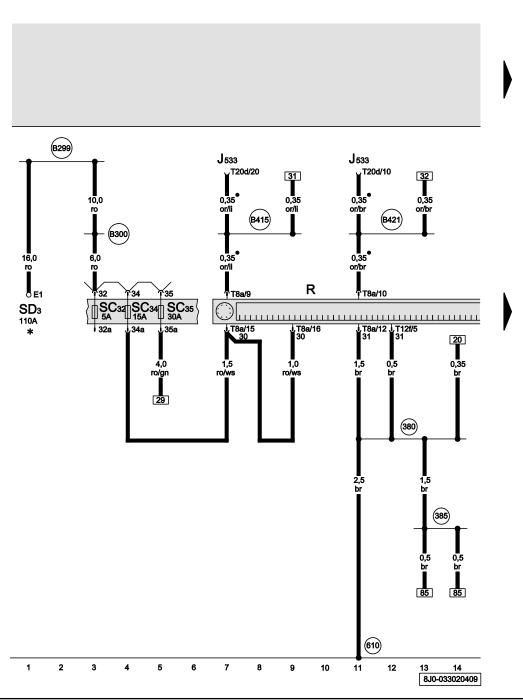
Notes:

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



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Radio, fuses

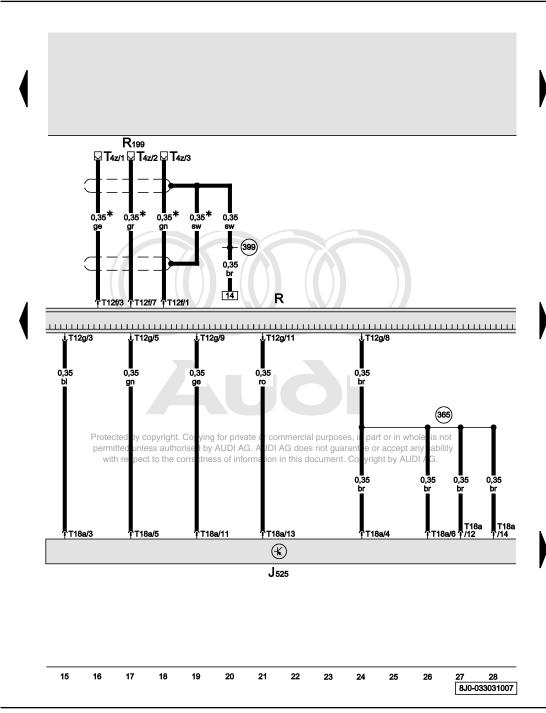
- J533 Data bus diagnostic interface
- R Radi
- SC32 Fuse 32 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- T8a 8-pin connector, black, radio pin connector D
- T12f 12-pin connector, blue, radio connector B
- T20d 20-pin connector, black,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

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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

- bl = blue ar = arev
- 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

= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

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

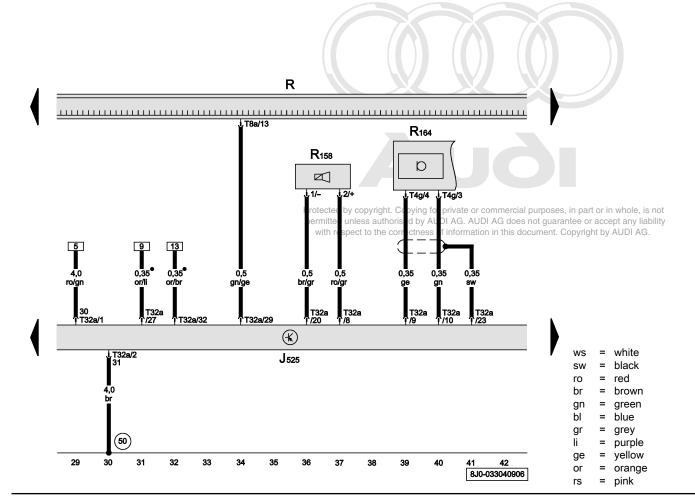
Earth connection 2 (LF), in dash panel wiring harness

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

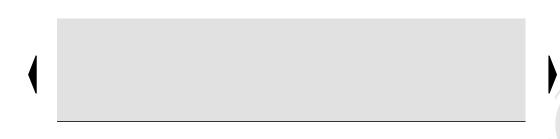
T8a 8-pin connector, black, radio pin connector D

T32a 32-pin connector, black, on digital sound package control unit

(50) Earth point, on left in luggage compartment

CAN bus (data wire)

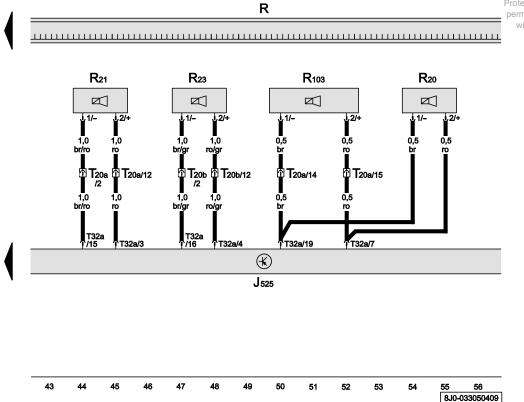




Radio, digital sound package control unit, front left treble loudspeaker, front left and right bass loudspeaker, front left mid-range loudspeaker

- 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





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white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

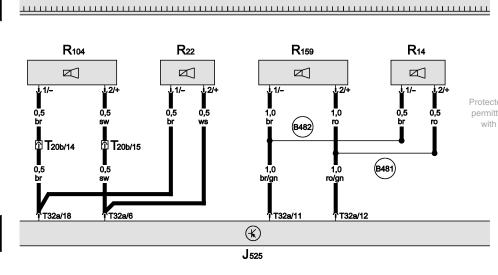
or





Radio, digital sound package control unit, rear left treble loudspeaker, front right treble loudspeaker, front right midrange loudspeaker, rear left midrange 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



R

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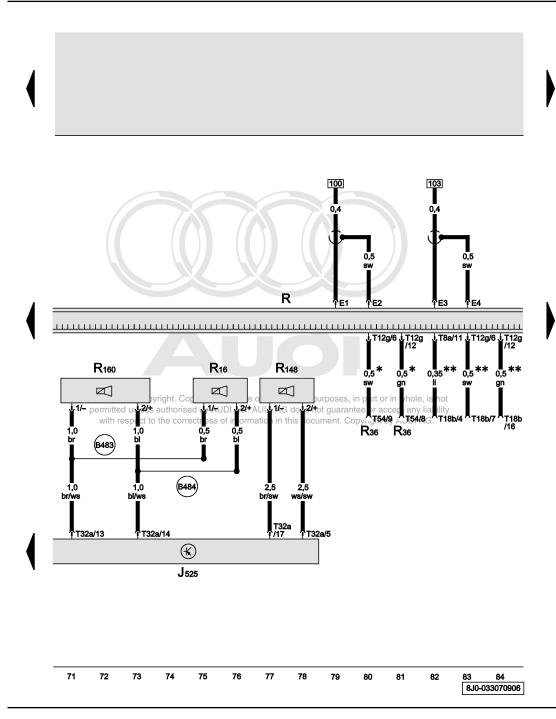
ro = red br = brown gn = green bl = blue gr = grey li = purple ge = yellow or = orange rs = pink

70

8J0-033060906

= black





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

white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

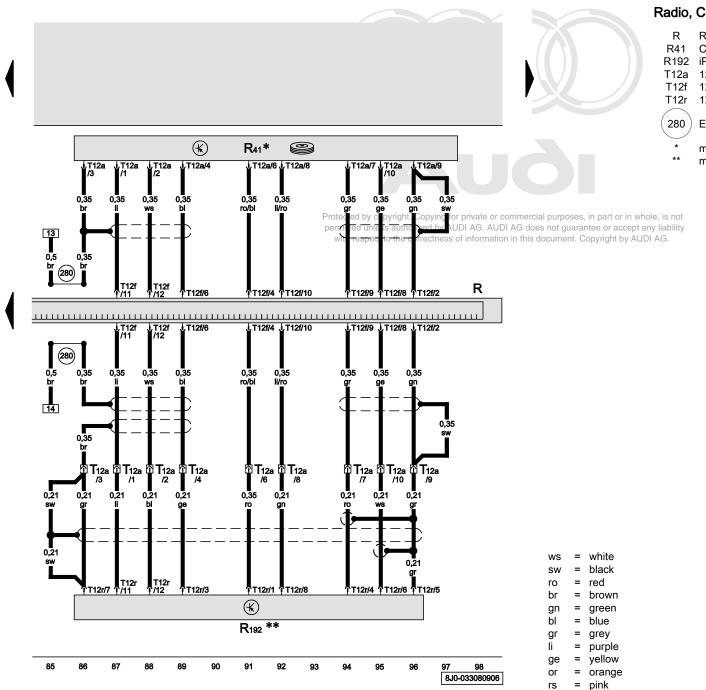
or

483) Connection 19 in main wiring harness

3484) Connection 20 in main wiring harness

models with preparation for mobile telephone (9ZF)

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



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



Aerial amplifier, radio aerial 2

R11 Aerial

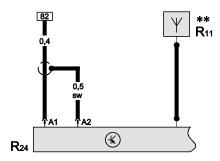
R24 Aerial amplifier

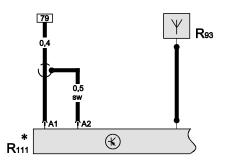
R93 Radio aerial 2

R111 Aerial amplifier 2

rear right

rod aerial rear left







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sw = black

ro = red

= brown

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= blue

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= purple

= yellow

or = orange

rs = pink

100 101 102 103 104 105 106 107 108 109 110 111 112 8J0-033090407



Radio with standard soundsystem (9VD) Roadster

from model year 2007

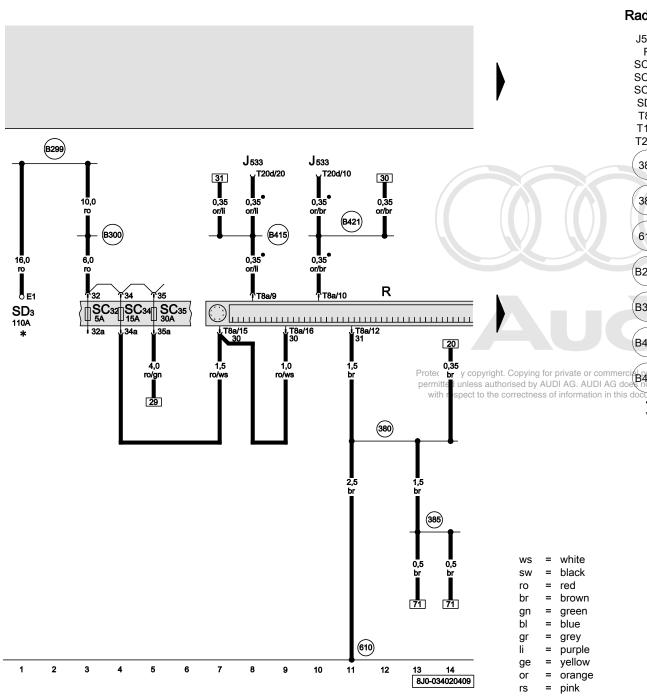
Notes:

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



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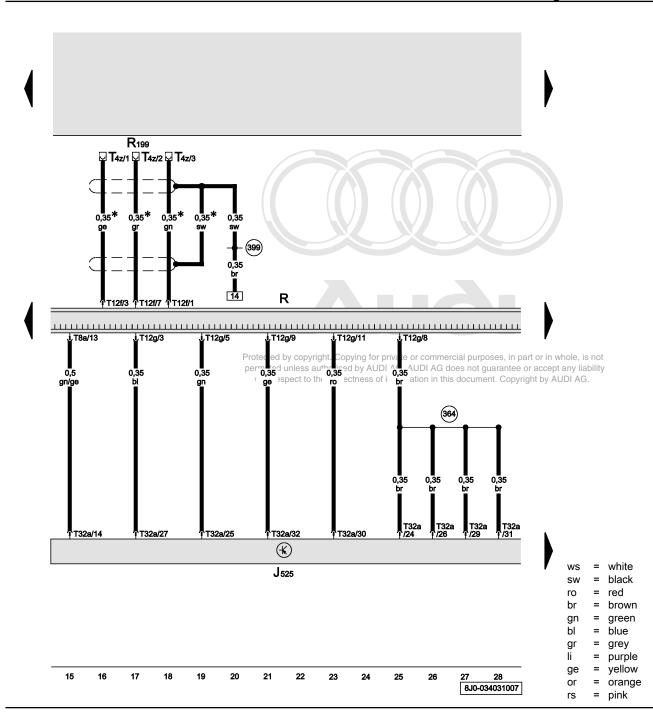


Radio, fuses

- J533 Data bus diagnostic interface
- R Rad
- 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
- 12f 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
- Connection 1 (infotainment CAN bus, high), in main wiring harness

sconnection 1//(infotainment CAN bus, low), in main wiring a harness accept any liability

- ent. Copyright by AUDI AG. 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
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

S64 Earth connection 1 (LF), in dash panel wiring harness

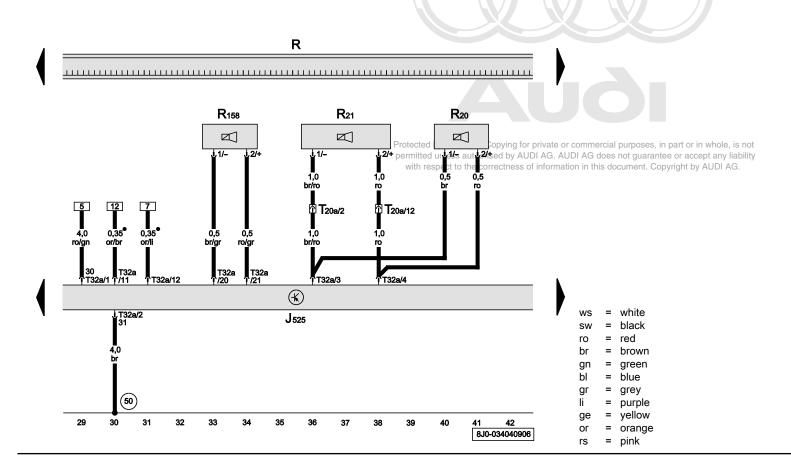
Earth connection 34, in main wiring harness

from November 2007



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)







R **R**23 **R**22 R₁₅₉ **R**14 1,0 br/gr ro/gr ₫ **T**20b/12 **☆ T**20b/2 1,0 br/gn 1,0 ro/gn ro/gr T32a/15 T32a/16 T32a/6 T32a/7 **(K)** J₅₂₅ Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG. 51 53 54 56 8J0-034050906 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

blackredbrown

= green

bluegreypurpleyellow

= orange

= pink

or

R14 Rear left treble loudspeaker

R22 Front right treble loudspeaker

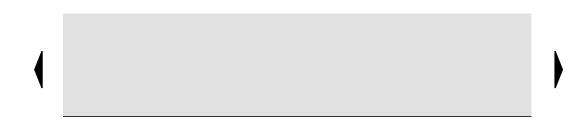
R23 Front right bass loudspeaker

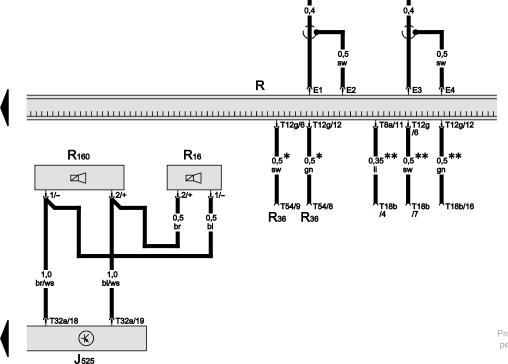
R159 Rear left mid-range and bass loudspeaker

T20b 20-pin connector, black, in the front right door

T32a 32-pin connector, black, on digital sound package control unit







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)

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sw = black

= red ro

= brown

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= grey

= purple

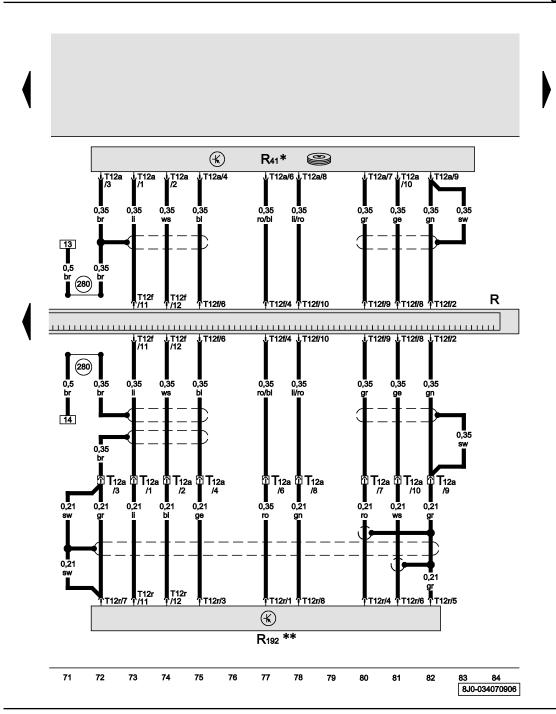
= yellow

or = orange

= pink

70

8J0-034060906



Radio, CD changer, iPod holder

R Radio

whiteblack

= red

browngreenblue

= grey = purple = yellow

= orange

= pink

or

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

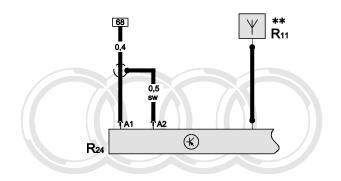
models with CD changer

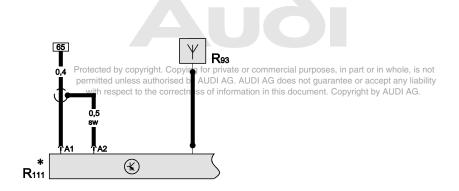
* models with iPod holder

Audi

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91 98 8J0-034080407

Aerial amplifier, radio aerial 2 R11 Aerial

= white = black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or

R24 Aerial amplifier

R93 Radio aerial 2 R111 Aerial amplifier 2

rear right

rod aerial rear left



Power operated convertible top

- ⇒ Electric windbreak
- ⇒ **Heated rear window** from model year 2007

Notes:

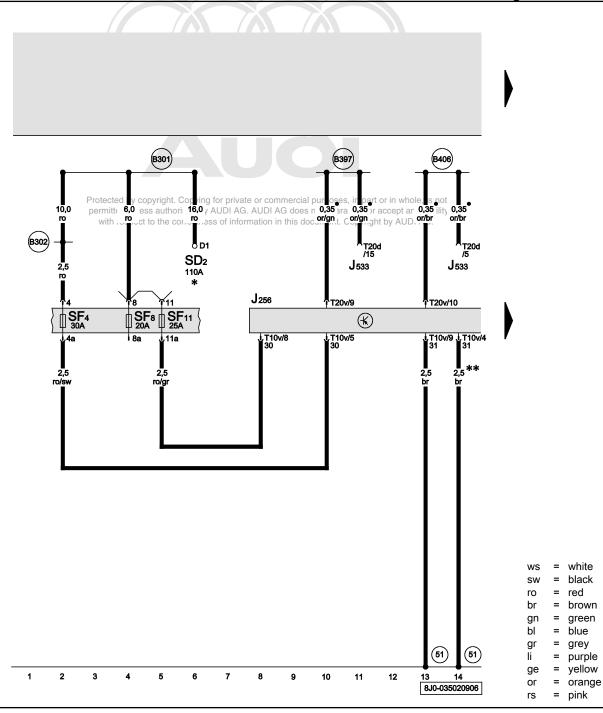
For information concerning

- 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



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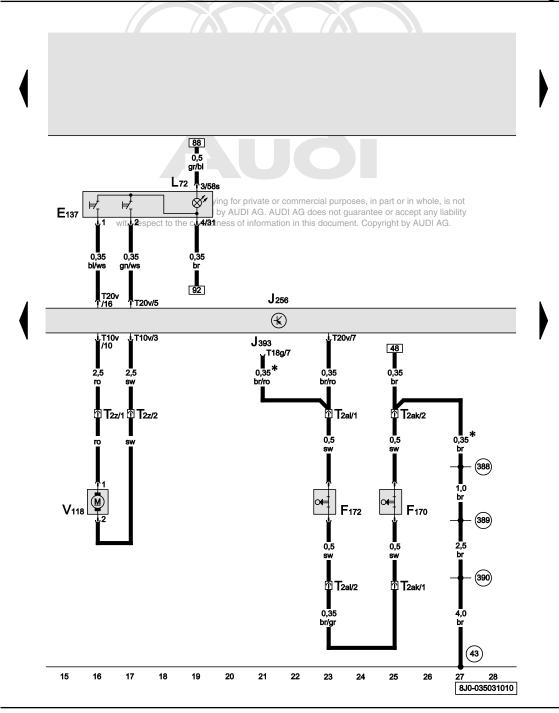




Convertible roof actuation control unit, fuses

- 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
- 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





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

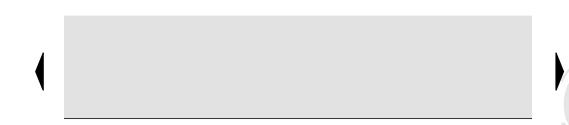
white black

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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 202 ... Farth connection, in convertible roof wiring harness permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept an liability

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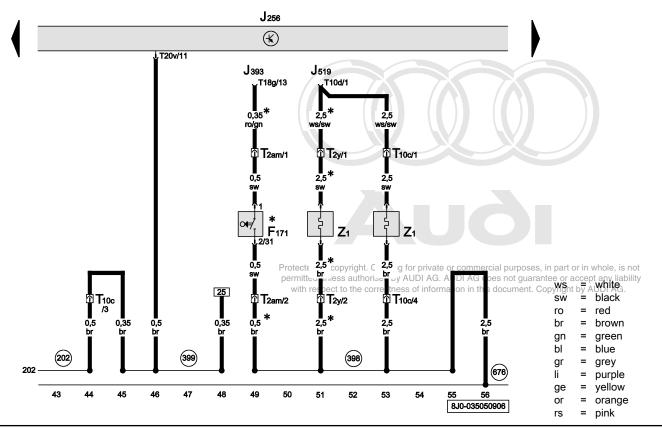
up to May 2007 ## from June 2007

J₂₅₆ **(K)** /120v /12 T20v/13 T20v/18 ,T20v /17 1,5# 1,5# 2,5## 2,5## 0,35 br/li 0,35 0,35 ro/ws bl/gr bl/ge ro/gn ₫ **T**10c/6 ₫ **T**10c 1 T10c T T10c/8 ₾ T10c/7 ↑ T10c/9 0,5 0,5 bl/ro ₫ **T**4w /3 ₫ **T**4w/1 ₫ T4w/2 ₫ T4w/4 1,5 br 0,5 0,5 V₂₂₃ / F₂₉₄ ₽₂ ** **○+**/_ F295 F₂₉₅ F171 1,5 202 30 31 35 36 37 39 40 42 8J0-035041010

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



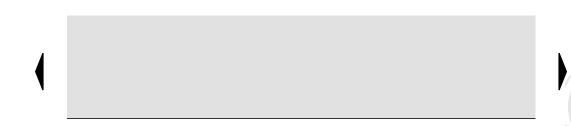




Convertible roof actuation control unit, convertible roof stowed switch, heated rear window

- 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





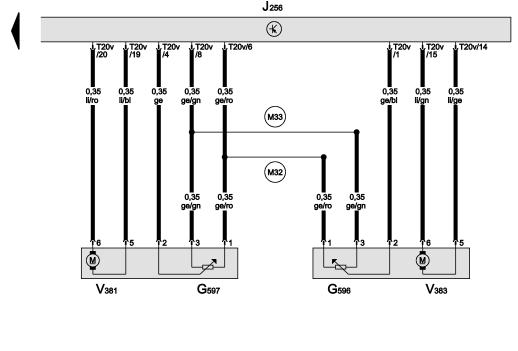
Convertible roof actuation control unit, left and right sender for convertible top flap, right and left convertible top cover motor

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

Connection 1, in roof actuation wiring harness

(M33) Connection 2, in roof actuation wiring harness

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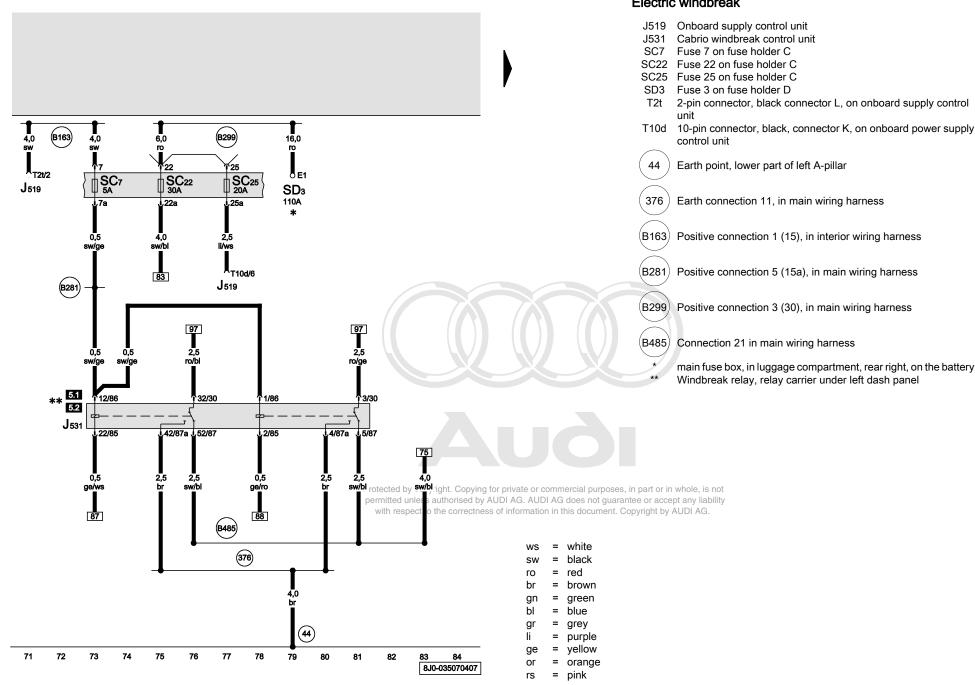
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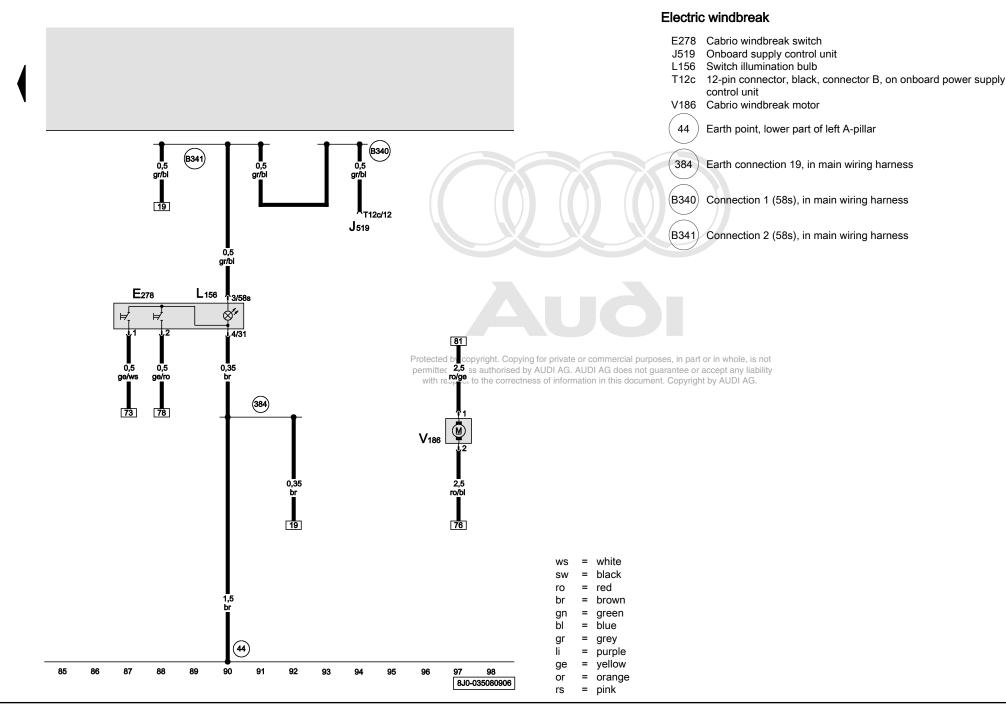
8J0-035060906



Electric windbreak

Edition 10.2010







Electric tyre pressure monitor USA (7K8)

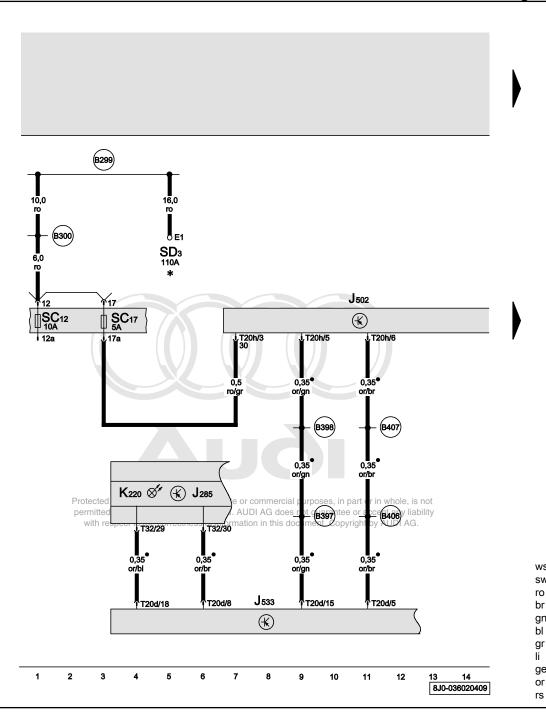
from model year 2007

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





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
- (B407) Connection 2 (convenience CAN bus, low), in main wiring
 - CAN bus (data wire)

white

brown

= green = blue = grey = purple = yellow

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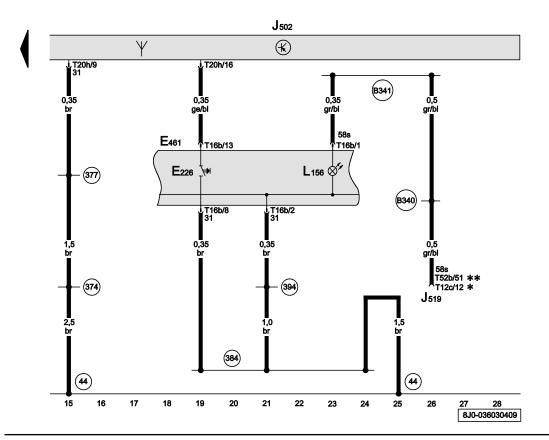
= pink

= black = red * main fuse box, in luggage compartment, rear right, on the battery





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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



Interface for special functions:

from June 2007

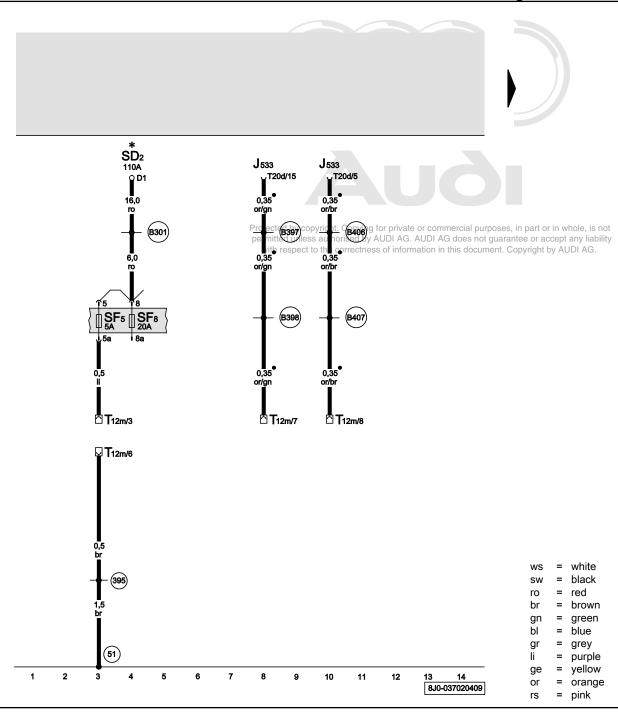
Notes:

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







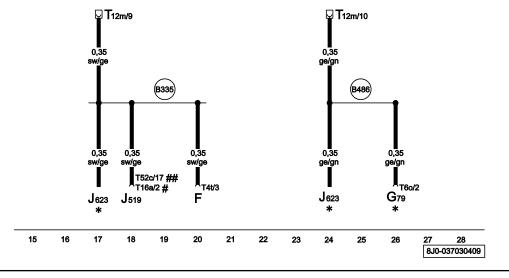
Interface for special functions:

- 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





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

= white

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



Radio

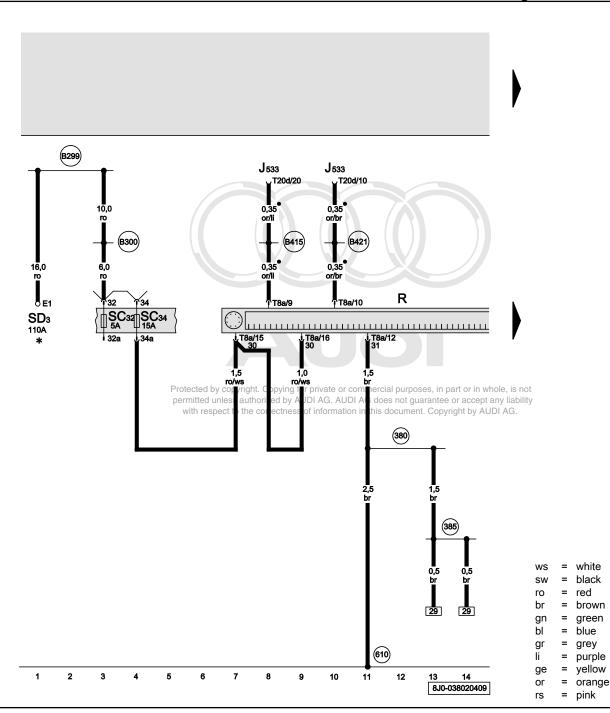
- ⇒ Radiogeneration II plus
- ⇒ Loudspeaker (8RE) from model year 2007

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





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
(005)	Forth and the OO is and a little because
(385)	Earth connection 20, in main wiring harness
\sim	
(610)	Earth point (audio), under centre console, front
010	Latti point (addio), diddi centre console, nont
(B299)	Positive connection 3 (30), in main wiring harness
	, ,,

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

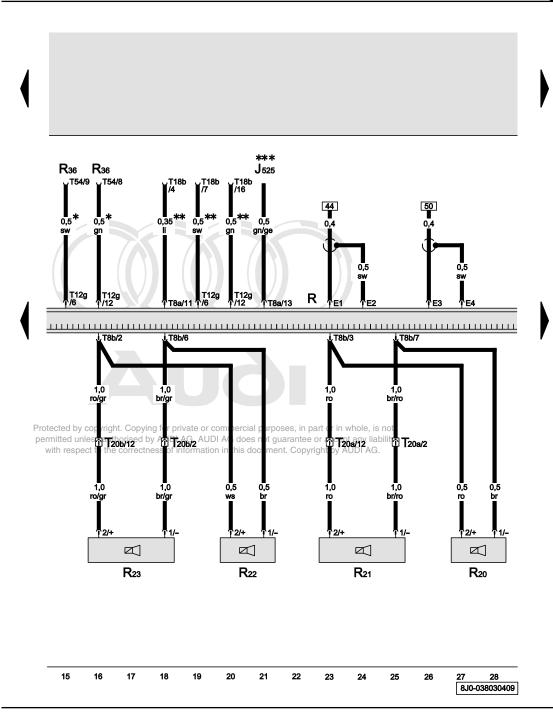
Positive connection 4 (30), in main wiring harness

(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, front left treble loudspeaker, front left bass loudspeaker, front right treble loudspeaker, front right bass loudspeaker

J525 Digital sound package control unit

R Radio

white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

20 Front left treble loudspeaker

R21 Front left bass loudspeaker

R22 Front right treble loudspeaker

23 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

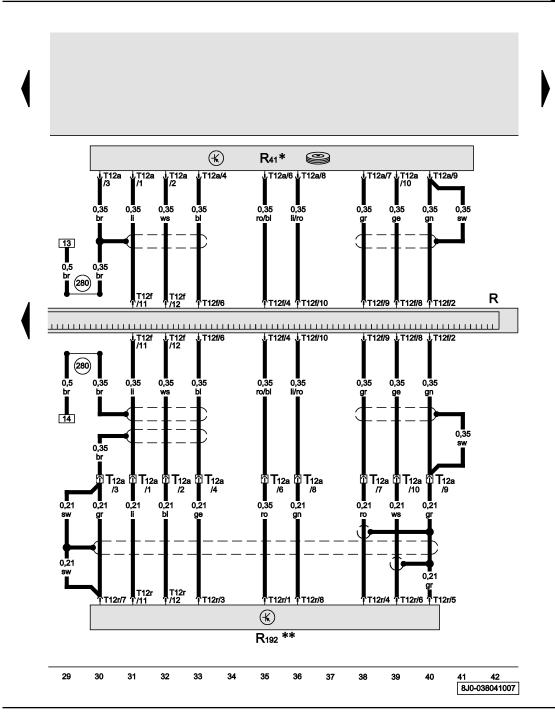
T20b 20-pin connector, black, in the front right door

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)



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

* models with CD changer

** models with iPod holder



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br = brown

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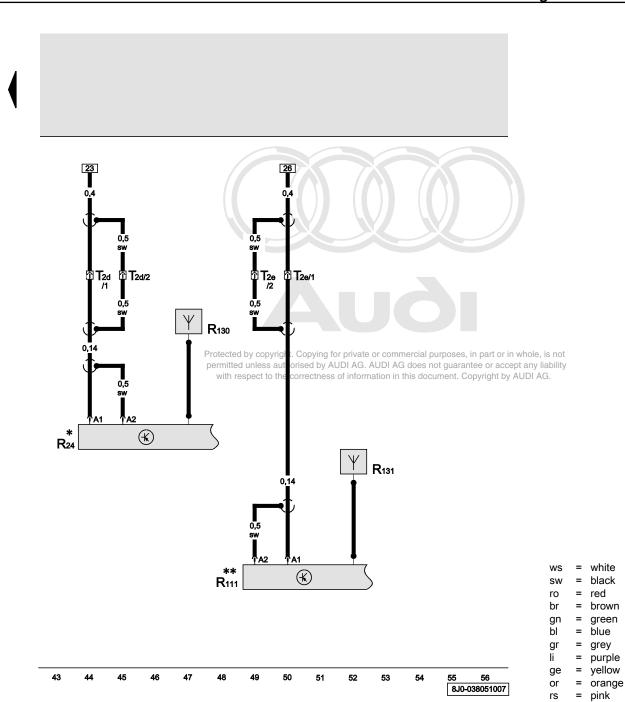
bl = blue

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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



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

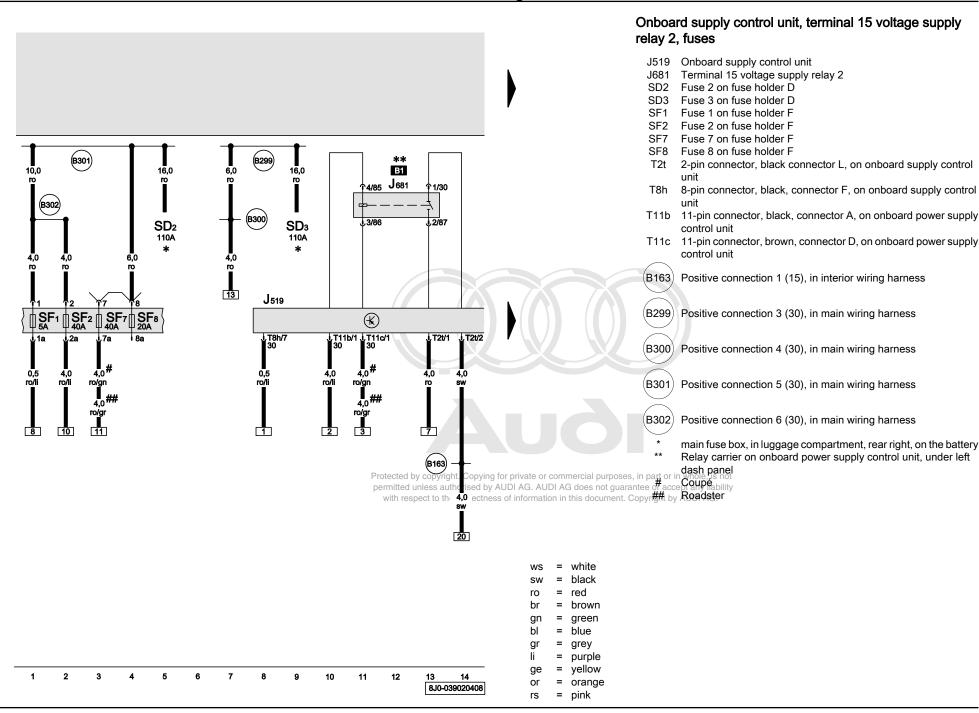
⇒ Side light and day driving light with LED from March 2008

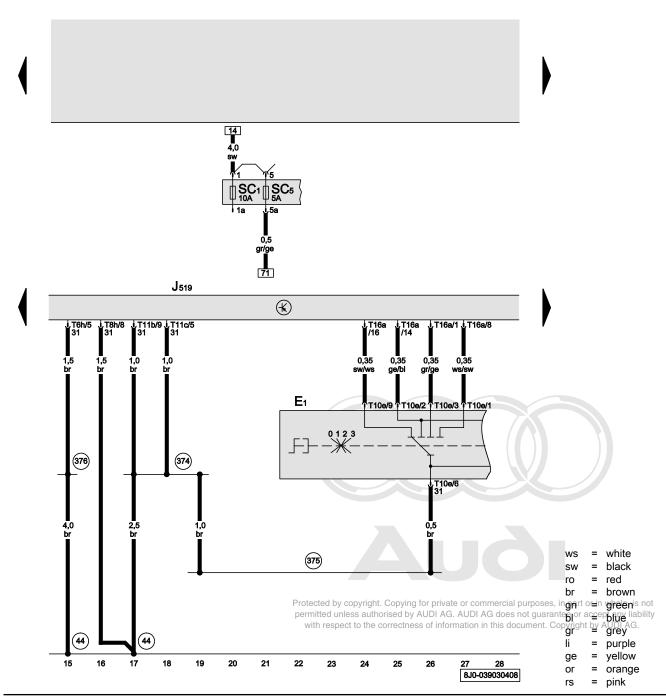
Notes:

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

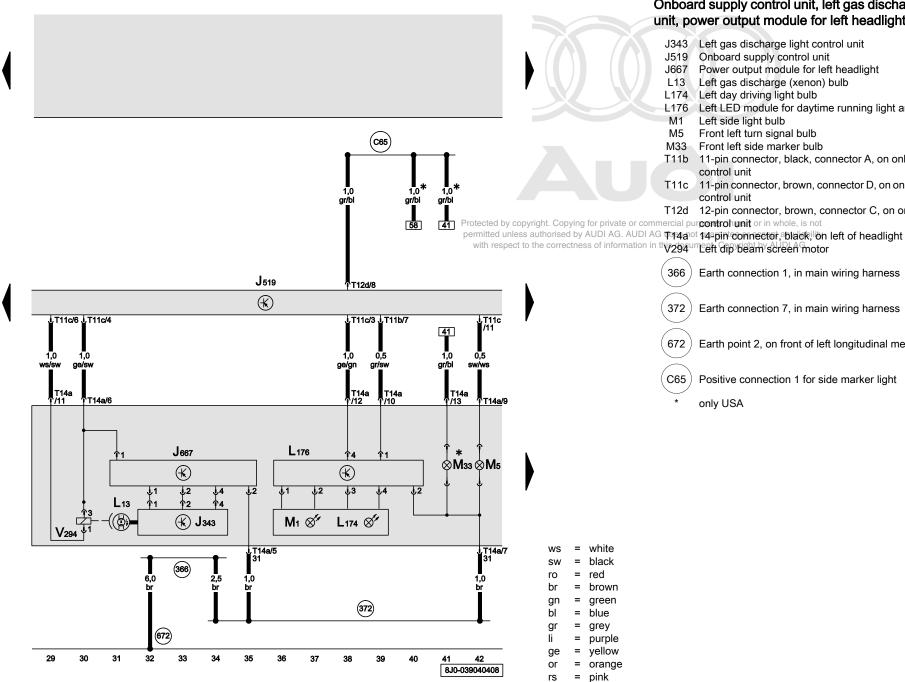






Onboard supply control unit, light switch

- 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



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
- Left LED module for daytime running light and side light
- Left side light bulb
- 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
- 12-pin connector, brown, connector C, on onboard supply

- Earth connection 1, in main wiring harness
- Earth connection 7, in main wiring harness
- Earth point 2, on front of left longitudinal member
- Positive connection 1 for side marker light
 - only USA

= white = black = red = brown = green = blue = grey = purple = yellow

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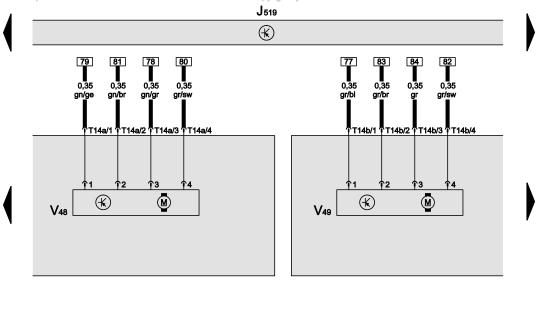
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Audi

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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

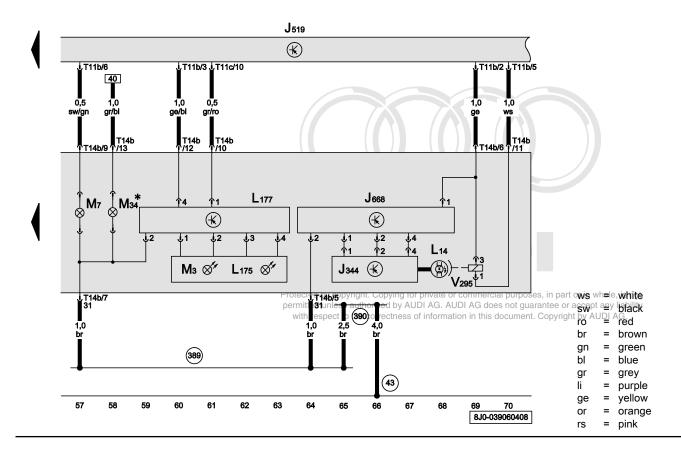
T14b 14-pin connector, black, on right of headlight

V48 Left headlight range control motor

V49 Right headlight range control motor





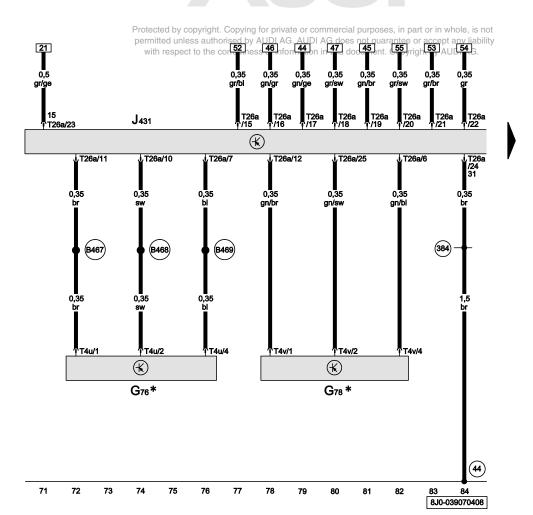


Onboard supply control unit, right gas discharge light control unit, power output module for right headlight

- 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
- 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

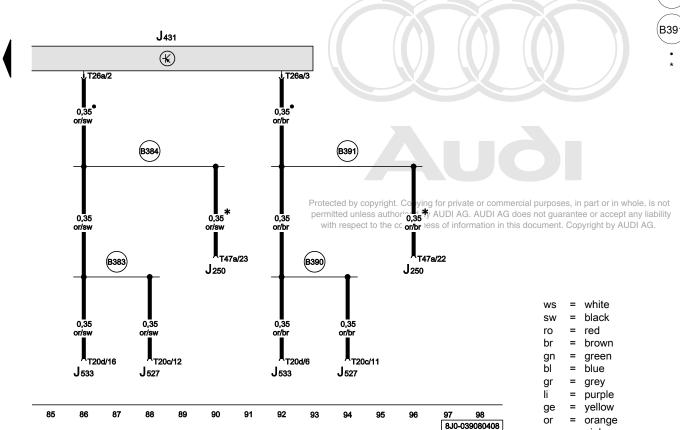
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rs = pink

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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



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

⇒ Side light and day driving light with LED from March 2008

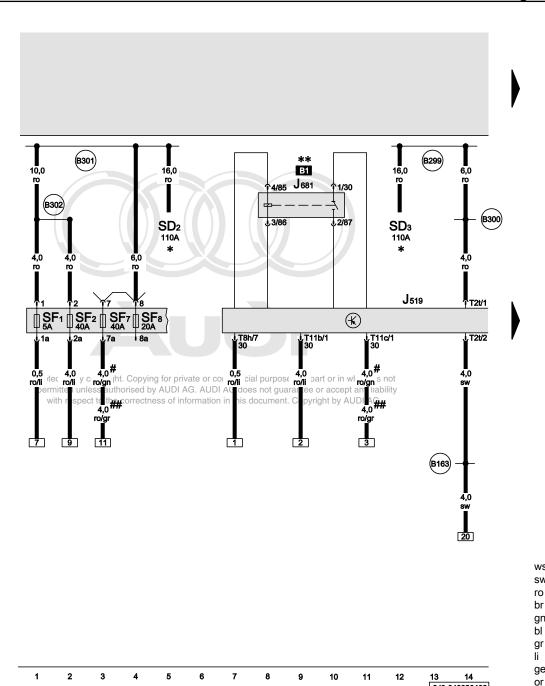
Notes:

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







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

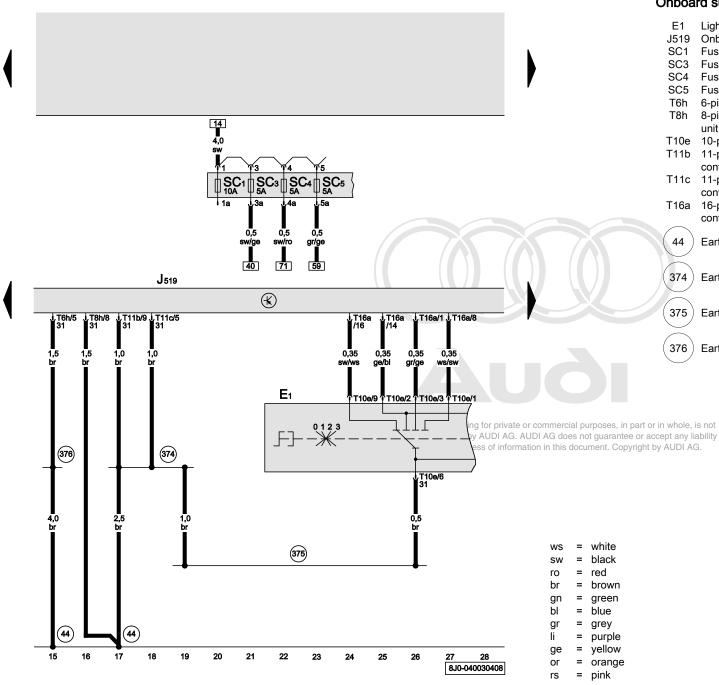
- J519 Onboard supply control unit J681 Terminal 15 voltage supply relay 2
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SF1 Fuse 1 on fuse holder F
- SF2 Fuse 2 on fuse holder F
- SF7 Fuse 7 on fuse holder F
- SF8 Fuse 8 on fuse holder F
- T2t 2-pin connector, black connector L, on onboard supply control unit
- T8h 8-pin connector, black, connector F, on onboard supply control
- 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

blackredbrowngreenbluegreypurpleyellow

= orange

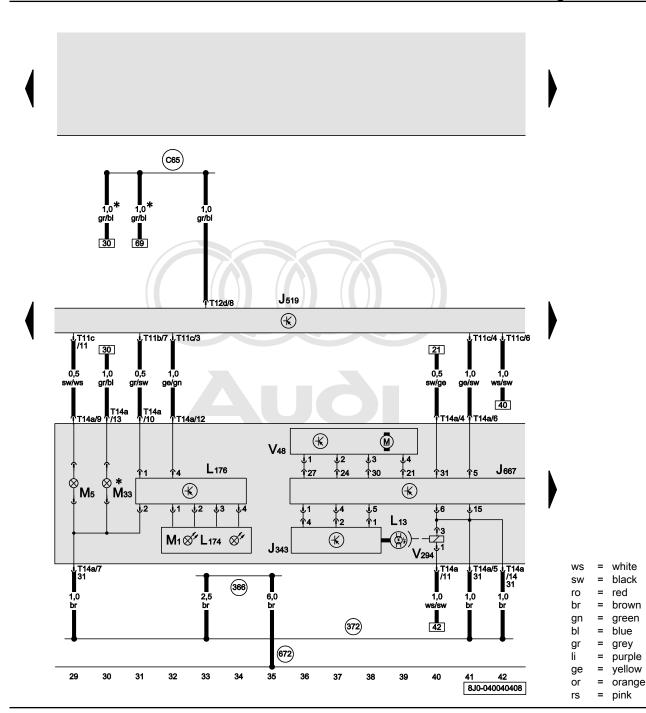
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8J0-040020408



Onboard supply control unit, light switch

- Light switch
- J519 Onboard supply control unit
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- 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
- T16a 16-pin connector, black, connector E, on onboard power supply
- Earth point, lower part of left A-pillar
- Earth connection 9, in main wiring harness
- Earth connection 10, in main wiring harness
- Earth connection 11, in main wiring harness



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
- Left LED module for daytime running light and side light
- Left side light bulb
- Front left turn signal bulb
- Front left side marker bulb
- T11b 11-pin connector, black, connector A, on onboard power supply
- T11c 11-pin connector, brown, connector D, on onboard power supply
- 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
- Earth connection 1, in main wiring harness
- Earth connection 7, in main wiring harness
- Earth point 2, on front of left longitudinal member
- Positive connection 1 for side marker light
 - only USA

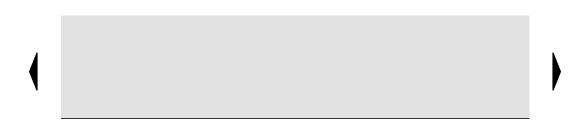
white

brown

blue grey

purple



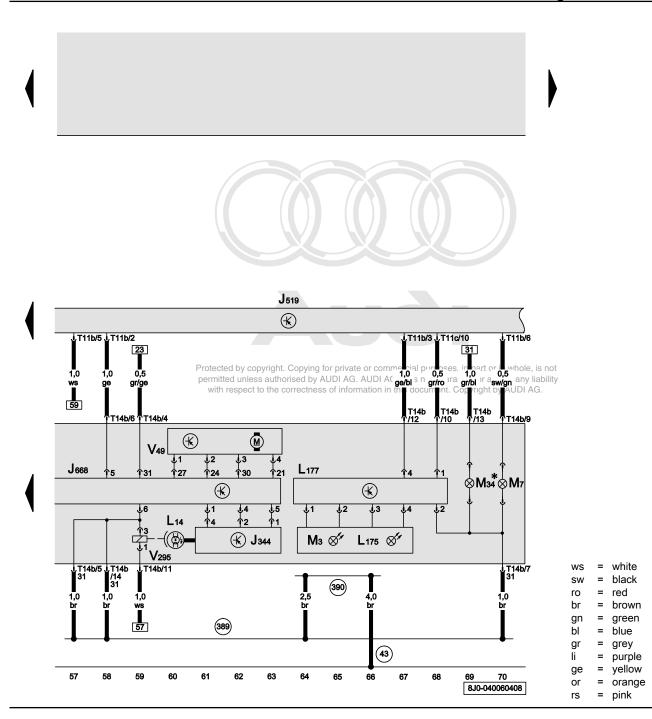


Onboard supply control unit, power output module for left headlight, power output module for right headlight, swivel module position sensor, dynamic cornering light control motor

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)

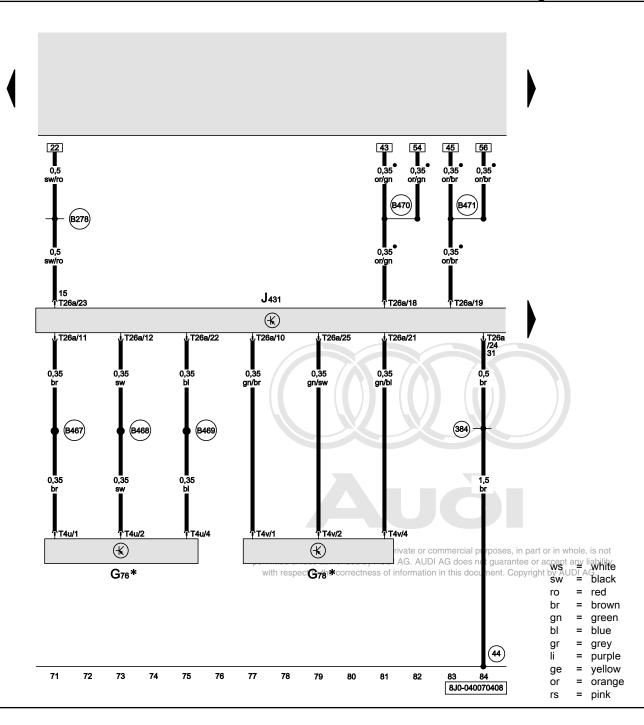
J519 **(K)** 0,35 or/br 0,35 or/br T14b/1 T14b/2 ŢT14a/1 T14a/2 G474 G475 ₽ 12 114 ↓2 ↑14 ↓3 125 J667 J668 **∱22 †**16 **↑25 ↑28** (**(K)** ↓23 ↑2 ↓20 ↑3 ↓23 ↑2 ↓20 ↑3 **J**26 **J**26 ng for private or commercial purposes, in part or in whole, is not by AUDI AG. AUDI AG does not guarantee or accept any liability <u>M</u> **M (**K) ness of information in this document. Copyright by AUDI AG. **(K)** V318 = white = black = red = brown = green = blue = grey purple = yellow 51 52 53 54 56 or = orange 8J0-040050408 = 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
- 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

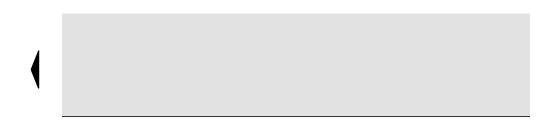


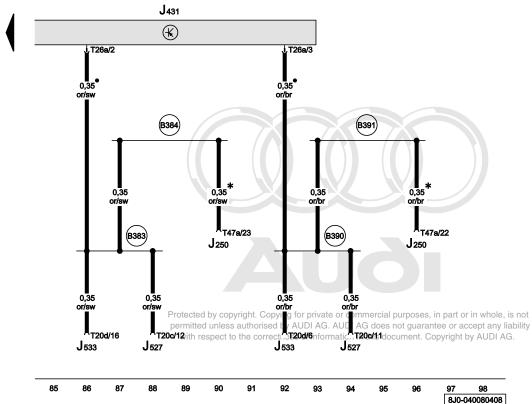


Control unit for headlight range control, rear left vehicle level sender, front left vehicle level sender

- 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
- Γ4ν 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







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

= white

Control unit for headlight range control, CAN bus wiring

- J250 Electronically controlled damping control unit
- 431 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



Rear parking aid

from June 2008

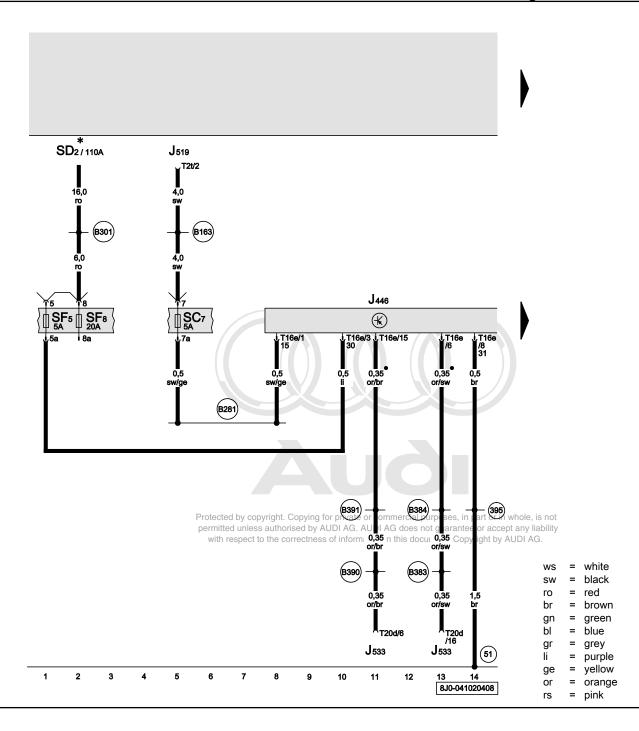
Notes:

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







Parking aid control unit, fuses

1446	Darling aid control unit
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



16

17

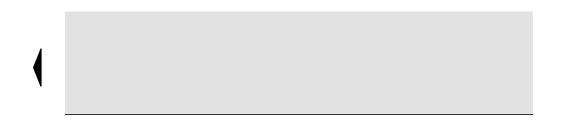
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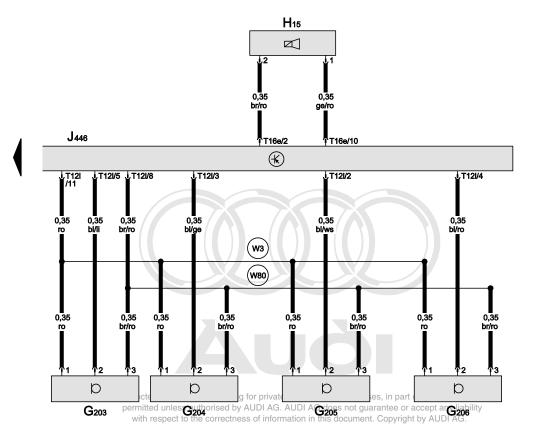
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or 8J0-041030408

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= black = red = brown = green = blue = grey = purple = yellow

= orange

= 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 sender G206 Rear right parking aid sender H15 Rear parking aid warning buzzer

J446 Parking aid control unit

12-pin connector, black, connector C, on parking aid control unit T16e 16-pin connector, brown, connector A, on parking aid control unit

Connection, in rear wiring harness

(W80) Connection 2, in rear wiring harness



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



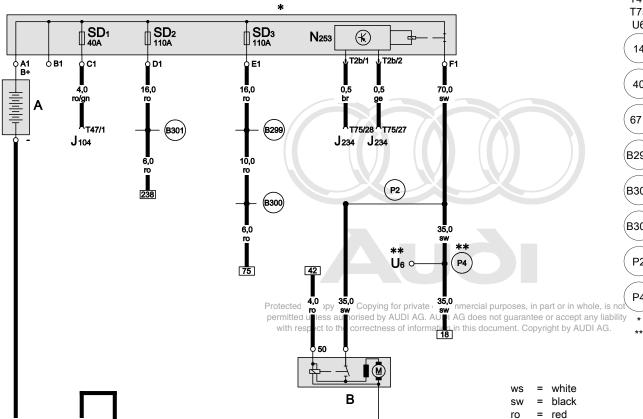


40)

(14)

671





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14

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

- A Battery
- B Starter

browngreenbluegrey

purpleyellow

= orange

= pink

or

- 1104 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
 - Positive connection 2 (30), in battery wiring harness
 - main fuse box, in luggage compartment, rear right, on the battery models with slave start socket

= white

blackredbrowngreenbluegreypurpleyellow

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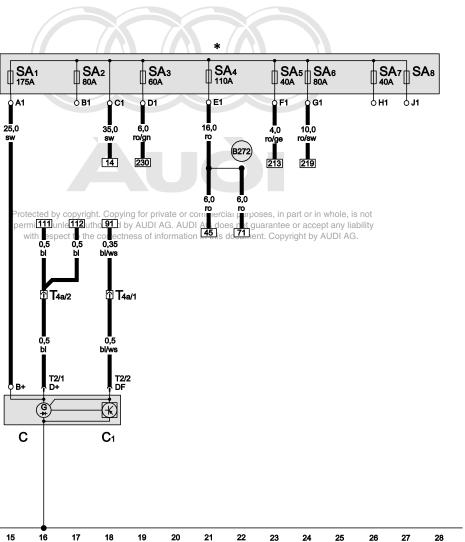
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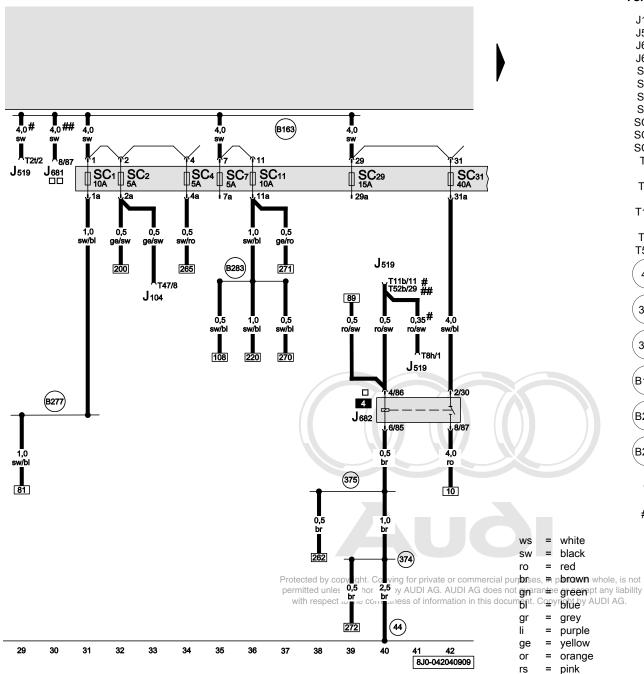






Alternator, main fuse holder, electronics box, in engine compartment

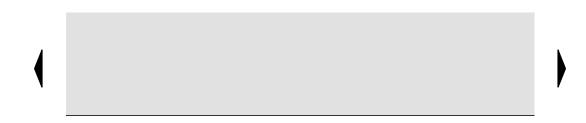
- C Alternator
- C1 Voltage regulator
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T2 2-pin connector, purple, 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



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
 SC31 Fuse 31 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





ro/ge SB5 SB6 SB7 SB₈ SB₉ SB₁₀ SB₁₁ SB₁₁ SB7 SB8 ↓11a 1,5 bl/ro 0,5 ro/bl 1,0 sw/gn 1,0 ge/sw 1,0 bl/ro 1,0 li/ro ro/gn 192 174 □ 2.1 J832 4/87a 12/85 ,5/87 V393 ₫ **T**10/1 B352 1,0 sw/br 1,0 ge/sw 1,0 ge/sw

51

53

54

56

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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

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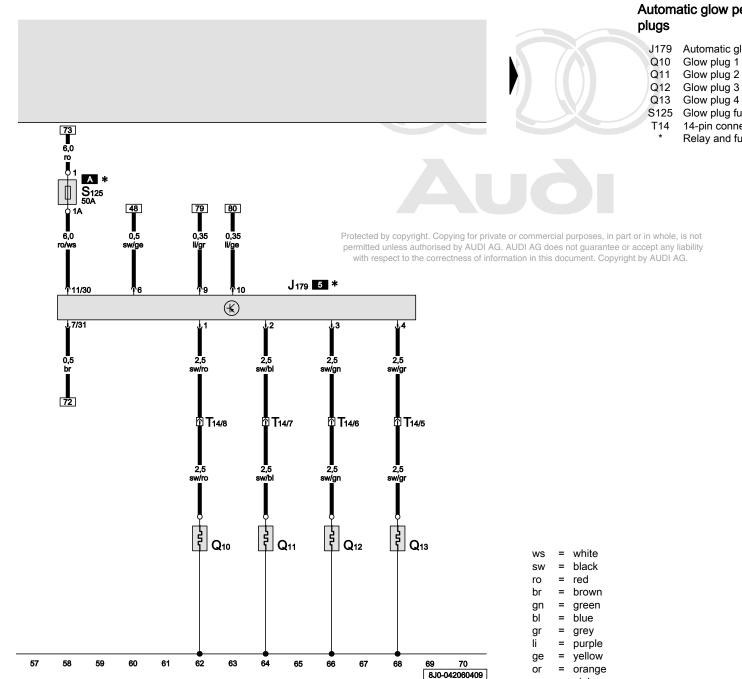
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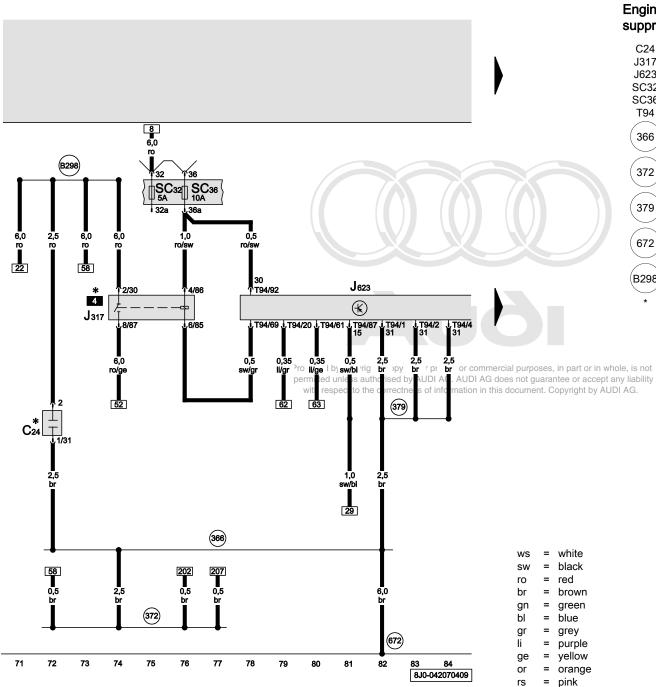
rs

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Automatic glow period control unit, glow plugs fuse, glow

- J179 Automatic glow period control unit
- Glow plug 1
- Q12 Glow plug 3
 - Glow plug 4
- Glow plug fuse
- 14-pin connector, black, on front left in engine compartment
- Relay and fuse carrier in electronics box engine compartment

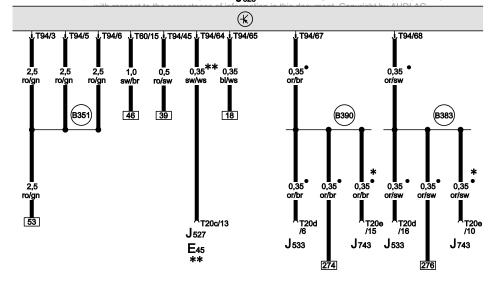


Engine control unit, terminal 30 voltage supply relay, suppression filter

- 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



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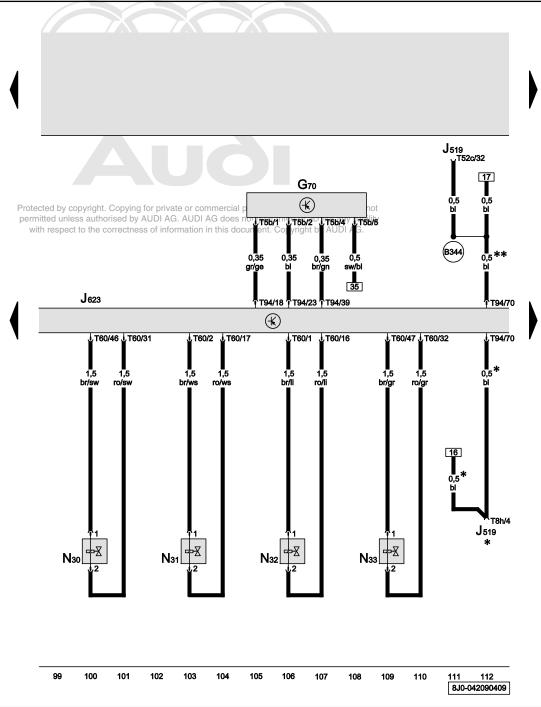
Engine control unit

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 Positive connection 2 (87a), in main wiring harness Connection 1 (drive train CAN bus, high), in main wiring harness

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, 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
- 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

white
black
red
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purple
yellow

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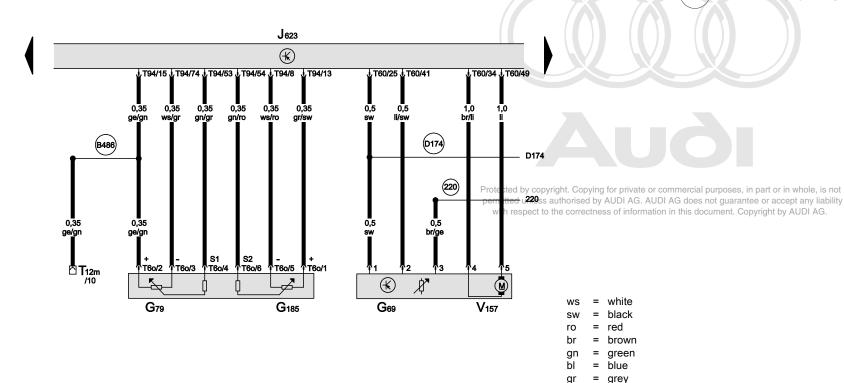
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Engine control unit, throttle valve module, accelerator position sender

- 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
 - 60 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





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129



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

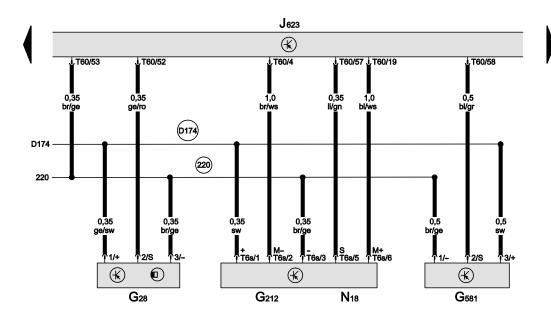
T6s 6-pin connector, grey, on exhaust gas recirculation

potentiometer

T60 60-pin connector, on engine control unit

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

74 Connection 2 (5V), in engine wiring harness



135

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138

140

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ws = white

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gn = green

bl = blue

ar = arov

gi – grey

i = purple

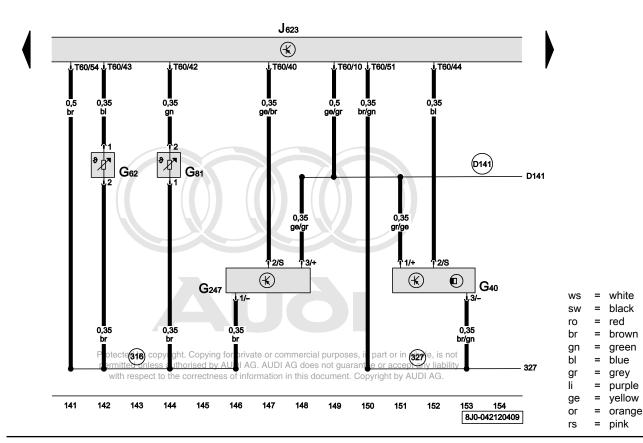
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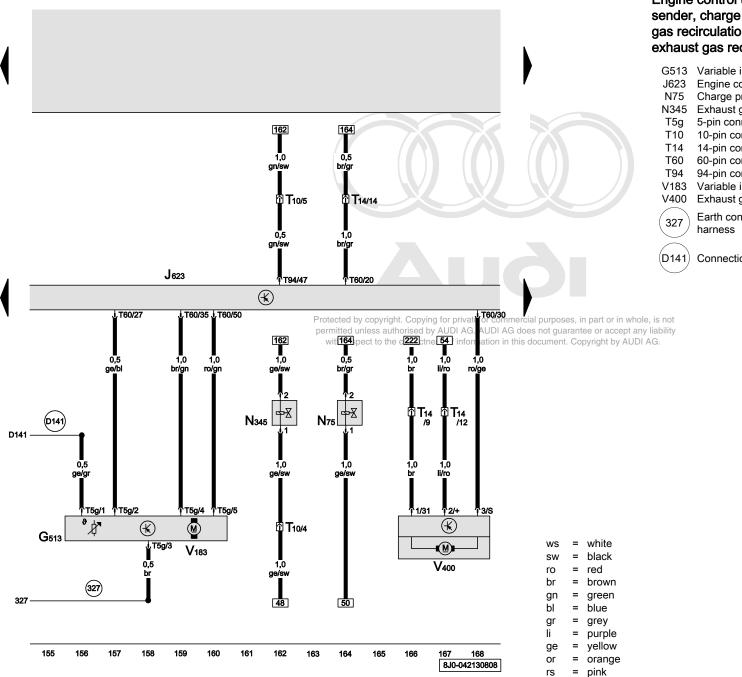


Engine control unit, coolant temperature sender, fuel temperature sender, fuel pressure sender, Hall sender

G40 Hall sender

brown

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J623 Engine control unit
- 60-pin connector, on engine control unit
- Earth connection (sender earth 2), in engine wiring harness
- Earth connection (sender earth), in engine compartment wiring 327 harness
- Connection (5V), in engine wiring harness



Engine control unit, variable intake manifold position sender, charge pressure control solenoid valve, exhaust gas recirculation cooler changeover valve, pump for exhaust gas recirculation cooler

G513 Variable intake manifold position sender

J623 Engine control unit

N75 Charge pressure control solenoid valve

N345 Exhaust gas recirculation cooler change-over valve

5-pin connector, on intake manifold flap potentiometer

10-pin connector, black, in front left engine compartment

14-pin connector, black, on front left in engine compartment

60-pin connector, on engine control unit

94-pin connector, on engine control unit

V183 Variable intake manifold motor

V400 Exhaust gas recirculation cooler motor

Earth connection (sender earth), in engine compartment wiring

Connection (5V), in engine wiring harness

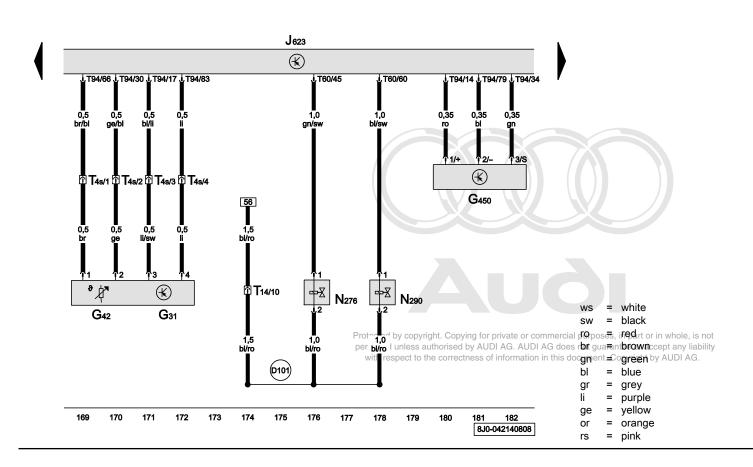


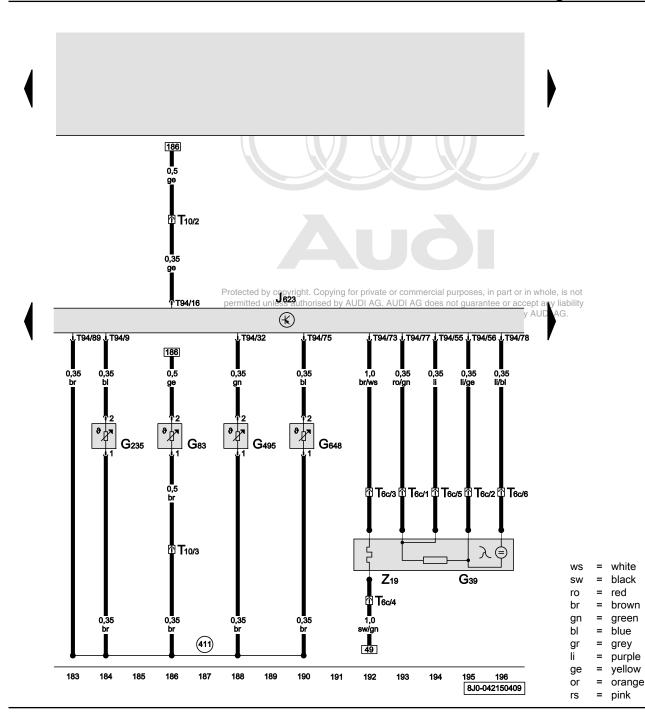


Engine control unit, charge air pressure sender, intake air temperature sender, exhaust gas pressure sensor 1, fuel pressure regulating valve, fuel metering valve

- 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





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
- Γ6c 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



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Engine control unit, brake light switch, cutch position sender

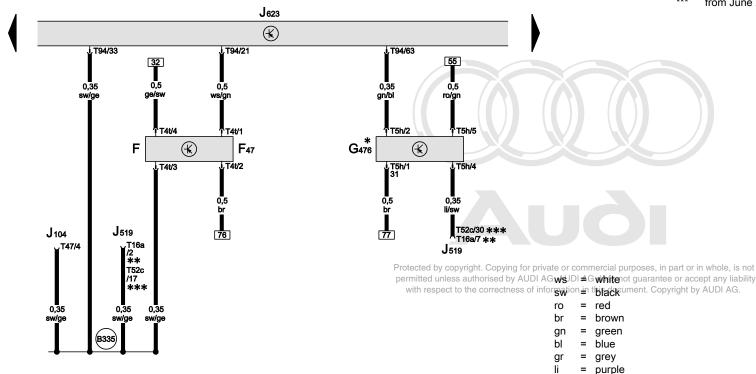
- F Brake light switch
- F47 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T4t 4-pin connector, black, on brake light switch
- T5h 5-pin connector, black, on clutch position sender
- T16a 16-pin connector, black, 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

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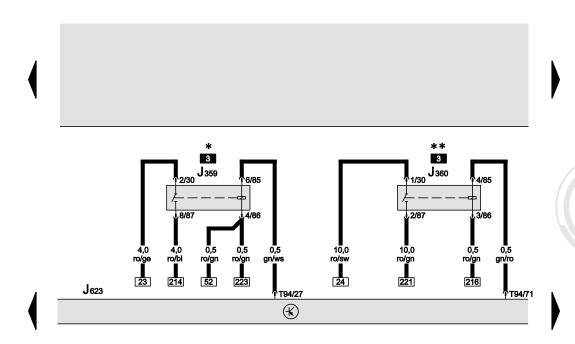
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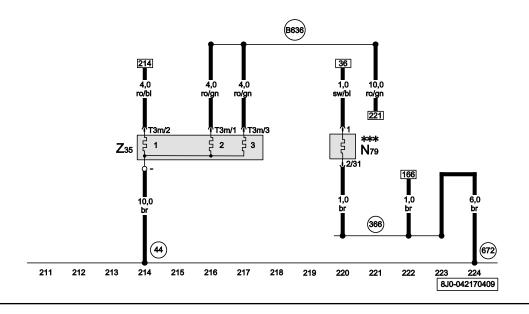




Engine control unit, low heat output relay, high heat output relay, heater element for crankcase breather, auxiliary air heater element

- 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

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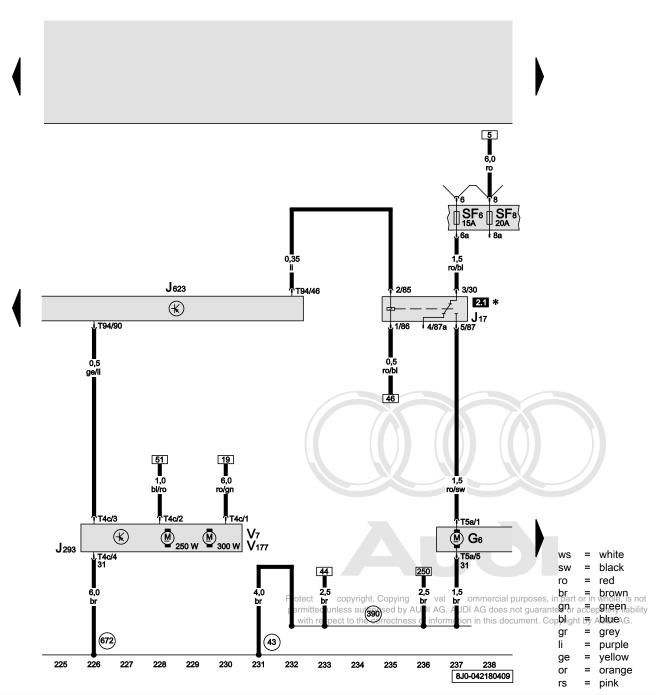
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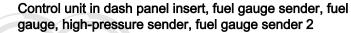


Engine control unit, fuel pump relay, radiator fan control unit, radiator fan, radiator fan 2

- 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
- 794 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







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

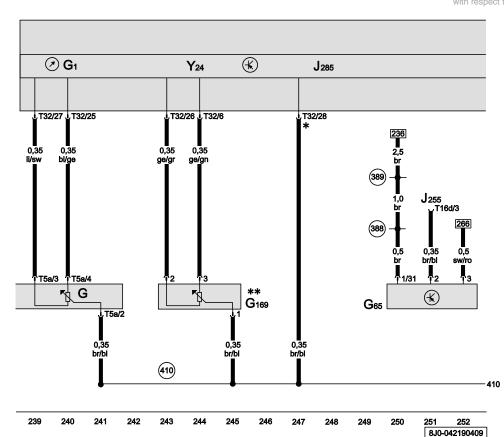
T32 32-pin connector, blue, on control unit in dash panel insert

Y24 Display in dash panel insert

388 Earth connection 23, in main wiring harness

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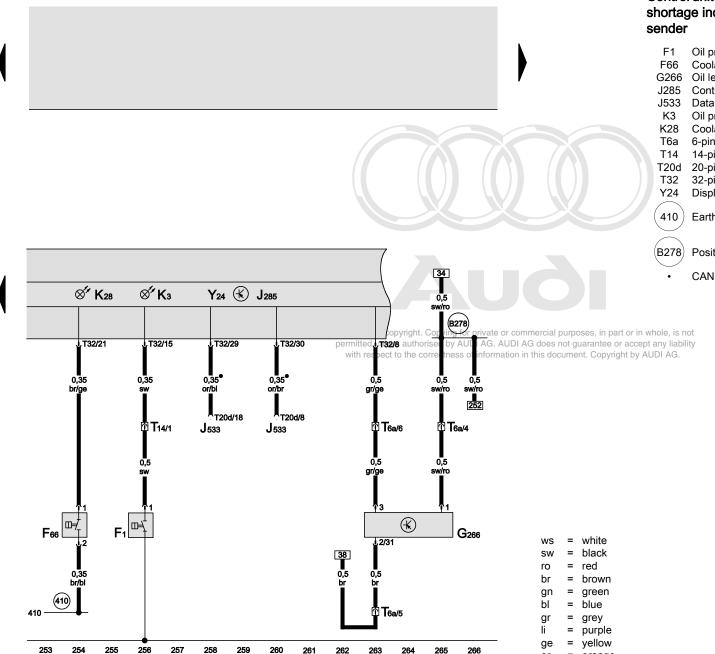
- (410) Earth connection 1 (sender earth), in main wiring harness
- * output sender earth
- ** models with four-wheel drive



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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
- 724 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)

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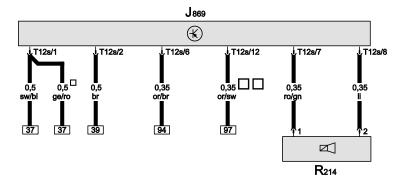
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Control unit for structure-borne sound, actuator for structureborne sound

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



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- 1.8 I Fuel injection engine (118 kW TFSI 4 cylinder), engine code CDAA from September 2008
- 2.0 I Fuel injection engine (147 kW TFSI 4 cylinder), engine code CCZA from September 2008
- 2.0 I Fuel injection engine (147 kW TFSI 4 cylinder), engine code CCTA from September 2008

Notes:

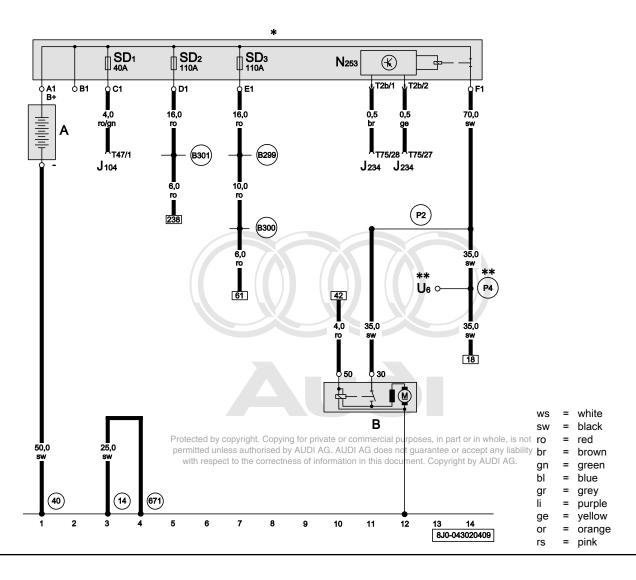
For information concerning

- 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

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

- A Battery
- B Starter
- 104 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
- $\left(egin{array}{c} 40 \end{array}
 ight)$ 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





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

C Alternator

Voltage regulator C1

J519 Onboard supply control unit

Fuse 1 on fuse holder A

Fuse 2 on fuse holder A

Fuse 3 on fuse holder A

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

r SA8nerFuse 8 on fuse holder Aole is not permitted unless authorised by AUDI AG. AUDT2G dc2:pintconnector; purple aonialternator

with respect to the correctness of information 44 pinn connectors black lin front left engine compartment

T8h 8-pin connector, black, connector F, on onboard supply control

T52c 52-pin connector, brown, on onboard supply control unit

(B272) Positive connection (30), in main wiring harness

Connection 1 (61), in main wiring harness

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

up to May 2009

from June 2009

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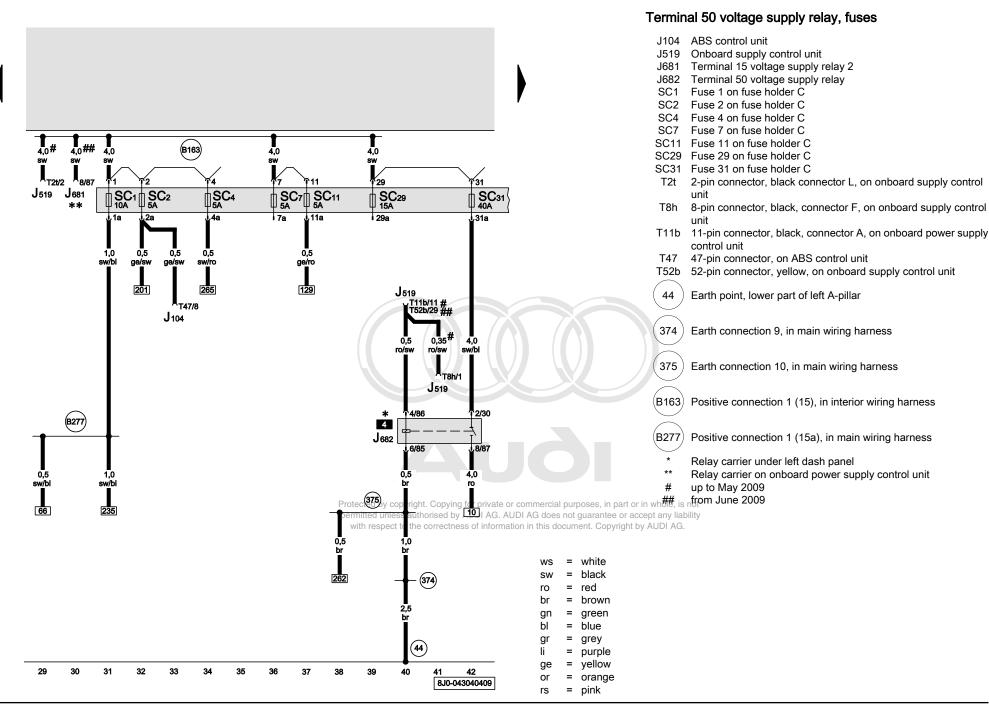
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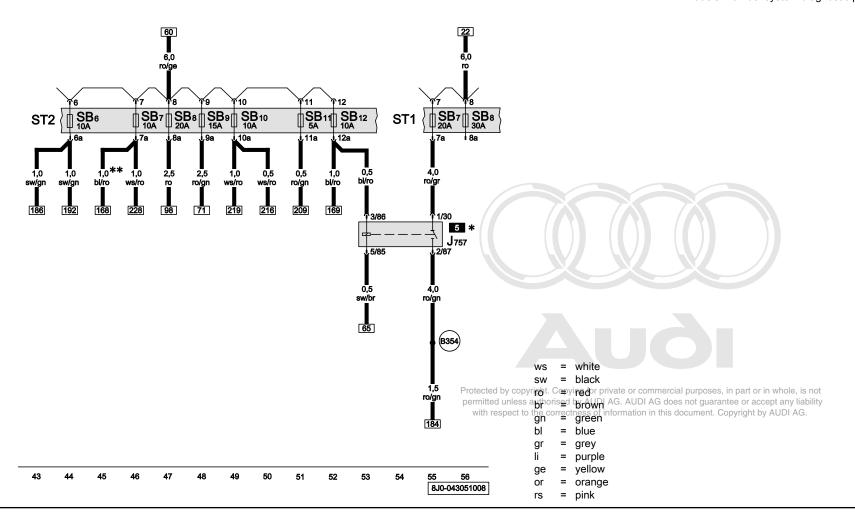




Engine component current supply relay, fuses

- J757 Engine component current supply relay Fuse 6 on fuse holder B Fuse 7 on fuse holder B Fuse 8 on fuse holder B 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
- Relay and fuse carrier in electronics box engine compartment
- models with fuel system diagnostic pump

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



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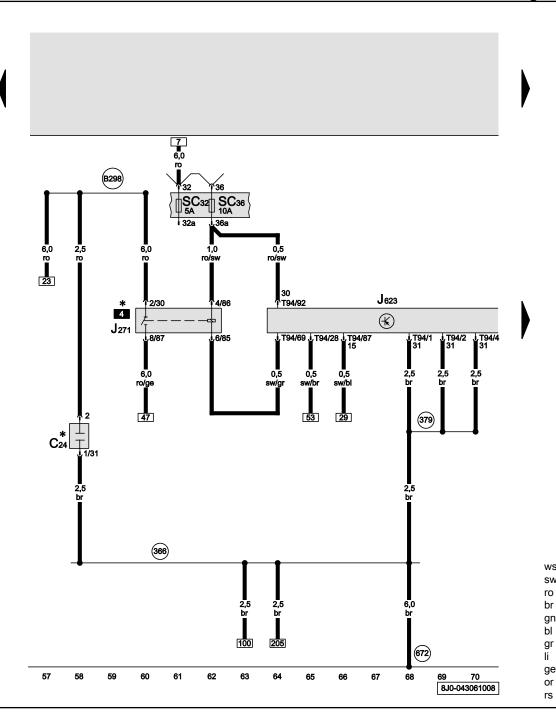
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Engine control unit, Motronic current supply relay, suppression filter

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

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



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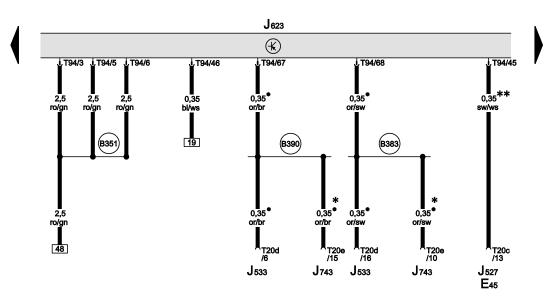


Engine control unit

- 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
- T94 94-pin connector, on engine control unit
- (B351) Positive connection 2 (87a), in main wiring harness

Protected by copyright. Copying for pr (B383) Commection (drive train CAN bus, high), in main wiring harness permitted unless authorised by AUDI AG. ADDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

- (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



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sw = black
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J₆₂₃ **(K)** T60/22 T60/7 T60/21 T60/6 0,5 li/gr 0,5 0,5 gr/br (D52) 1,5 1,5 <u>↑</u>T4/3 N292 T4k/3 N291 T4k/1 **(K)** <u>(K)</u> √T4l/2 √31 T4k/4) III T4l/2 ,T4I/4 31 Q IV 1,5 br/ge 1,5 2,5 ro 1,5 br 1,5 1,5 br/ge 1,5 47 **↑** | Ω Q Q (131) (85) 2,5 br/ge (15) 90 91 93 98 8J0-043081008

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

- J623 Engine control unit
- Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Spark plug connector
- Q Spark plugs
- T4h 4-pin connector, black, on ignition coil 1 with output stage
- 4-pin connector, black, on ignition coil 2 with output stage
- T4k 4-pin connector, black, on ignition coil 3 with output stage
- 4-pin connector, black, on ignition coil 4 with output stage
- T14 14-pin connector, black, on front left in engine compartment
- 60-pin connector, on engine control unit
- Earth point, on cylinder head
- Earth connection 1, in engine compartment wiring harness
- Earth connection 2, in engine compartment wiring harness
- Positive connection (15a), in engine compartment wiring harness

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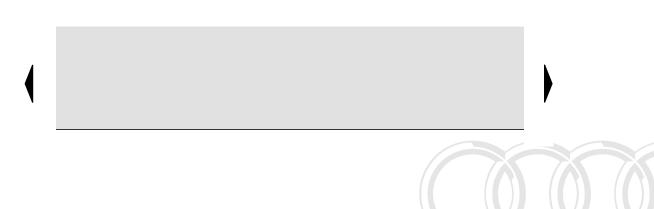
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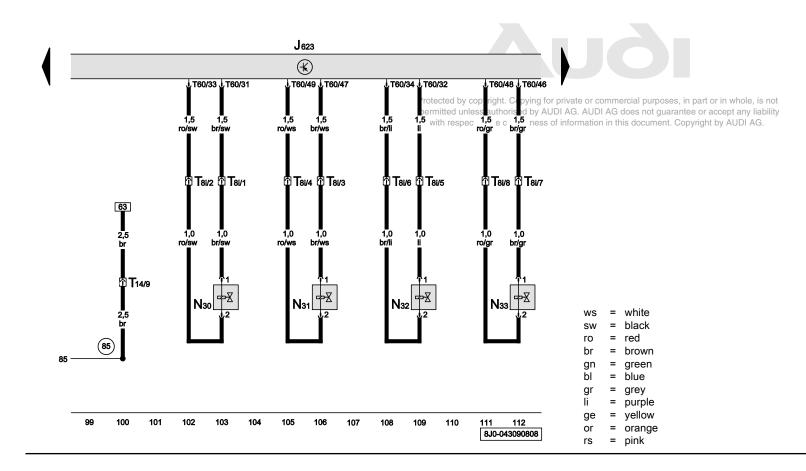
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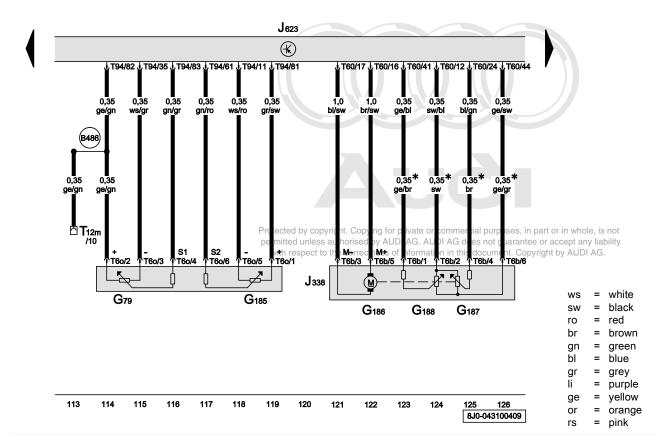
Engine control unit, injector cylinder 1 up to 4

- 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
 - Earth connection 1, in engine compartment wiring harness









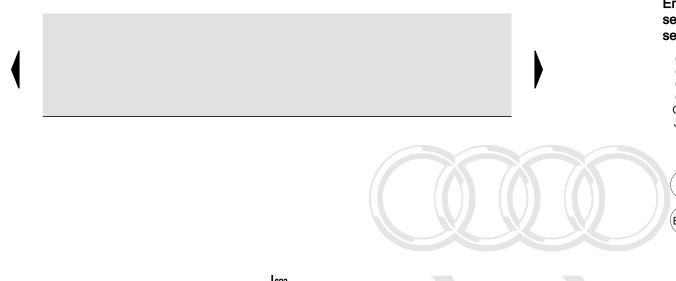
Engine control unit, throttle valve module, accelerator position sender

- 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

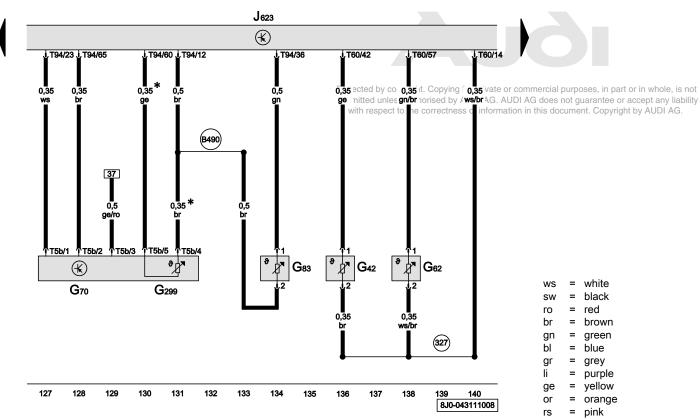
* phased-in modification





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
- Barth connection (sender earth), in engine compartment wiring harness
- (B490) Connection 26 in main wiring harness
 - * not for USA



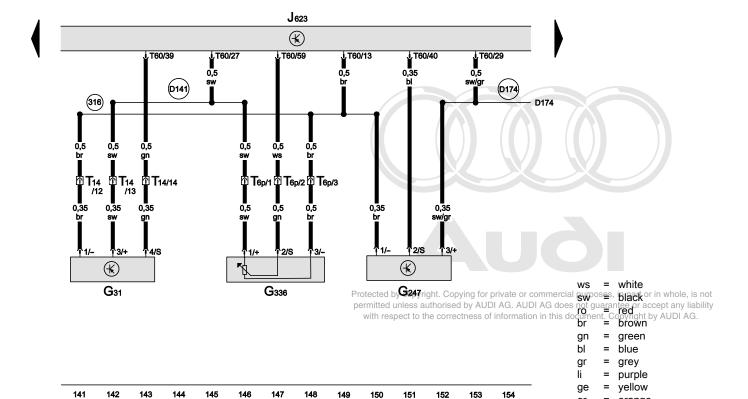
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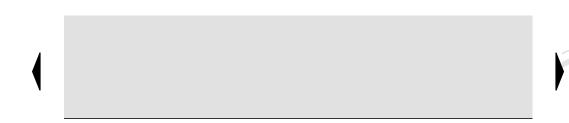




Engine control unit, charge air pressure sender, intake air temperature sender, intake manifold flap potentiometer, fuel pressure sender

- 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

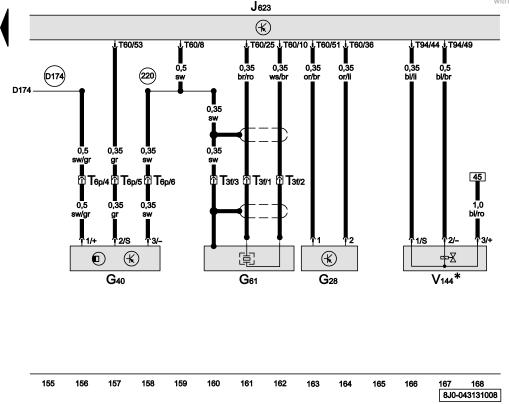




Engine control unit, Hall sender, engine speed sender, knock sensor

- 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
- Γ60 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

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Engine control unit

J623	Engine	control	unit
N 175	01	1. U / /	

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

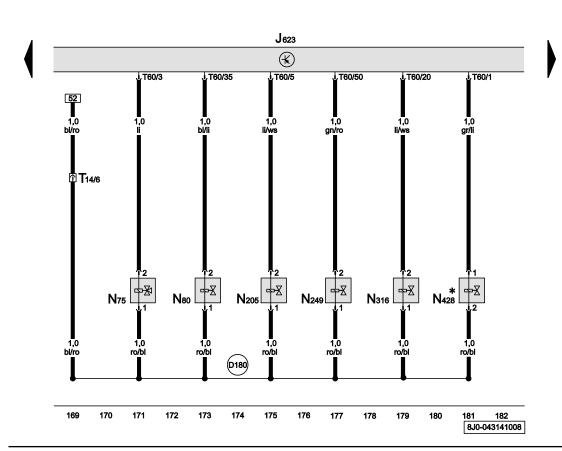
N428 Valve for oil pressure control

T14 14-pin connector, black, on front left in engine compartment

T60 60-pin connector, on engine control unit

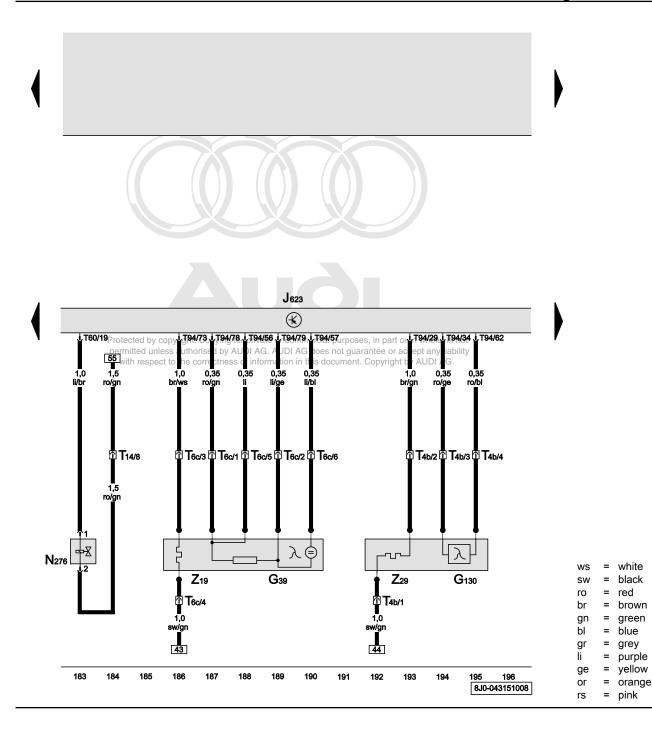
(D180) Connection (87a), in engine compartment wiring harness

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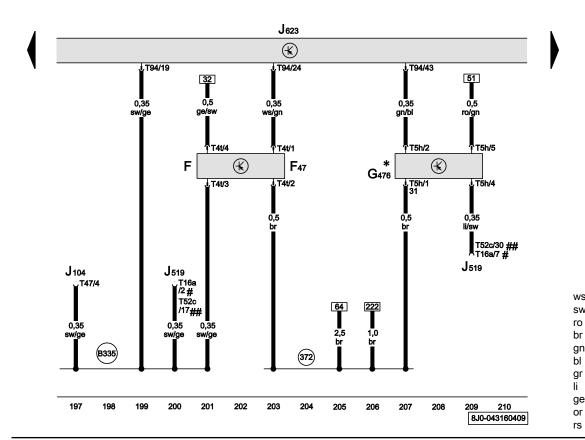


Engine control unit, fuel pressure regulating valve, lambda probe, lambda probe after catalytic converter

- 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







Engine control unit, brake light switch, cutch 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
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 - (B335) Connection 1 (54), in main wiring harness
 - * models with manual gearbox
 - # up to May 2009
 - ## from June 2009

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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

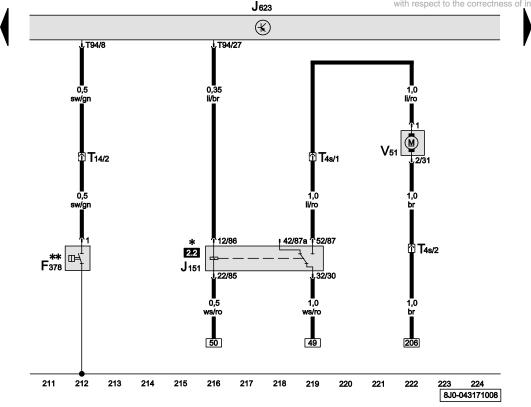
51 Continued coolant circulation pump

Relay and fuse carrier in electronics box engine compartment

** not for USA

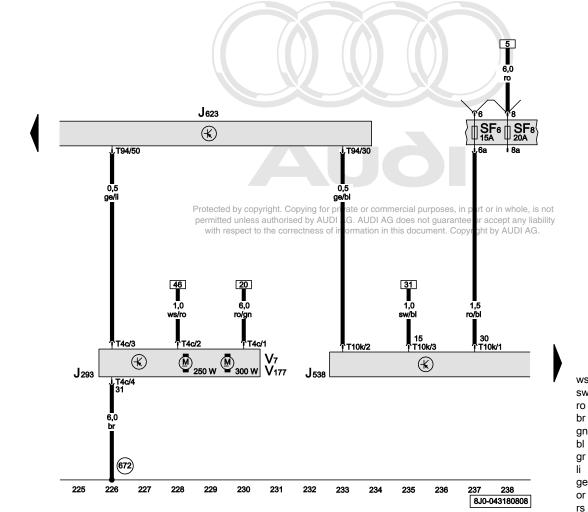
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Engine control unit, fuel pump control unit, radiator fan control unit, radiator fan

- 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

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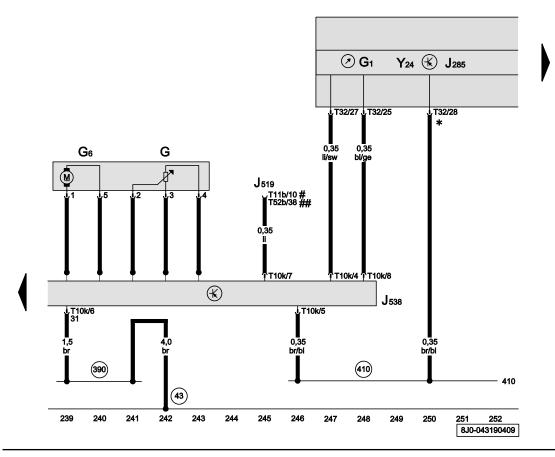
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(672) Earth point 2, on front of left longitudinal member







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

- 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

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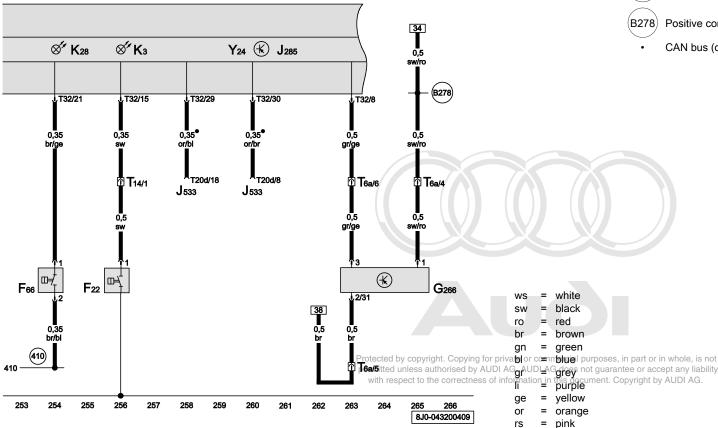
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= pink

or





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
- Coolant shortage indicator switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- Oil pressure warning lamp
- Coolant temperature and coolant shortage warning lamp
- 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
- 32-pin connector, blue, on control unit in dash panel insert
- 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)



Radio with standard soundsystem (9VD) Coupé

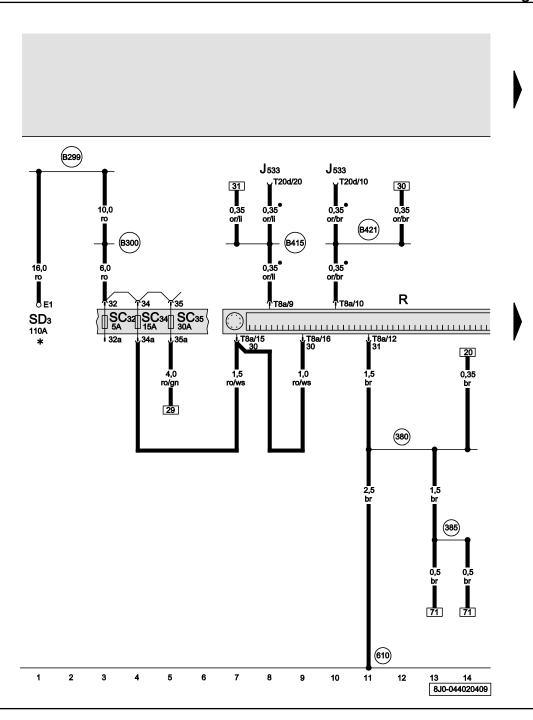
from February 2009

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





Radio, fuses

- J533 Data bus diagnostic interface
- R Rac
- 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

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- (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
- 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)

blackredbrown

green blue

purpleyellow

= orange

= pink

or

rs

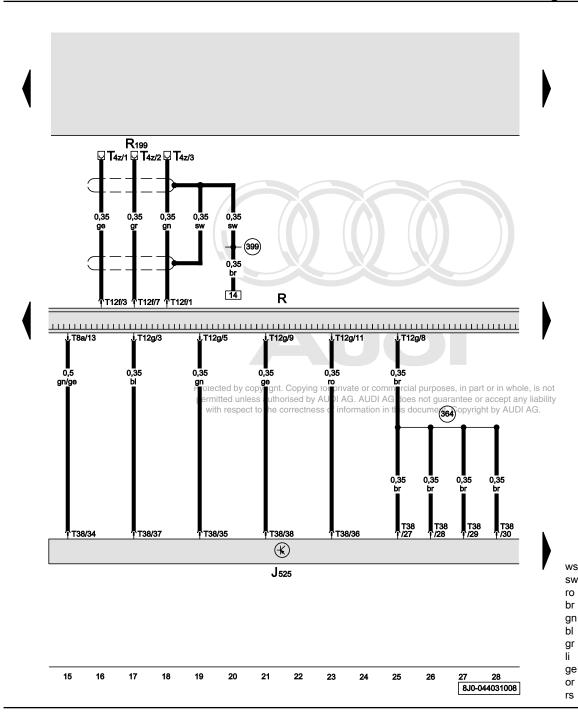
main fuse box, in luggage compartment, rear right, on the battery

= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink



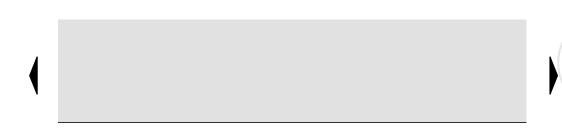
Radio, digital sound package control unit, connection for external audio source (Aux-In)

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

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

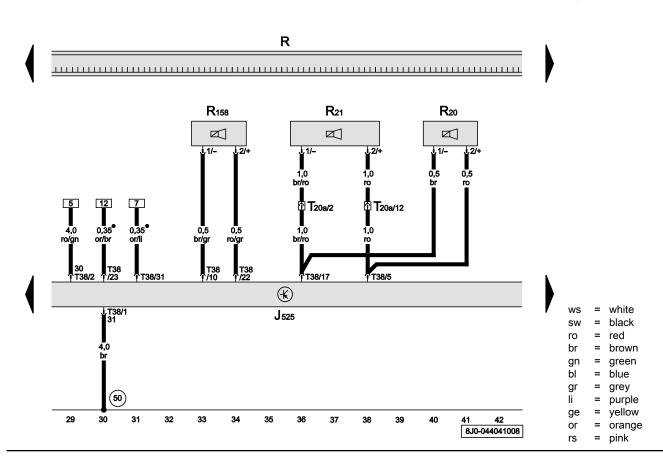
R21 Front left bass loudspeaker

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

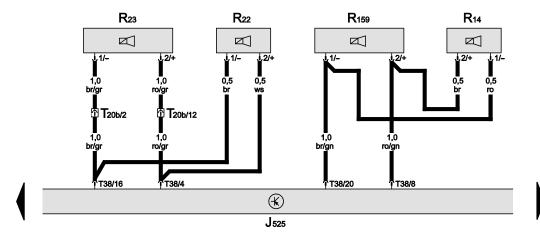
CAN bus (data wire)







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43 44 45 46 47 48 49 50 51 52 53 54 55 56 8J0-044051008 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

white

blackredbrowngreenbluegreypurpleyellow

= orange

= pink

or

R14 Rear left treble loudspeaker

R22 Front right treble loudspeaker

R23 Front right bass loudspeaker

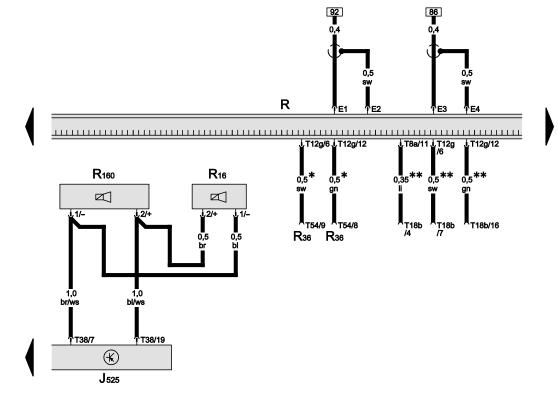
R159 Rear left mid-range and bass loudspeaker

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)

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8J0-044061008

= white

= white

= black

= brown

= green = blue

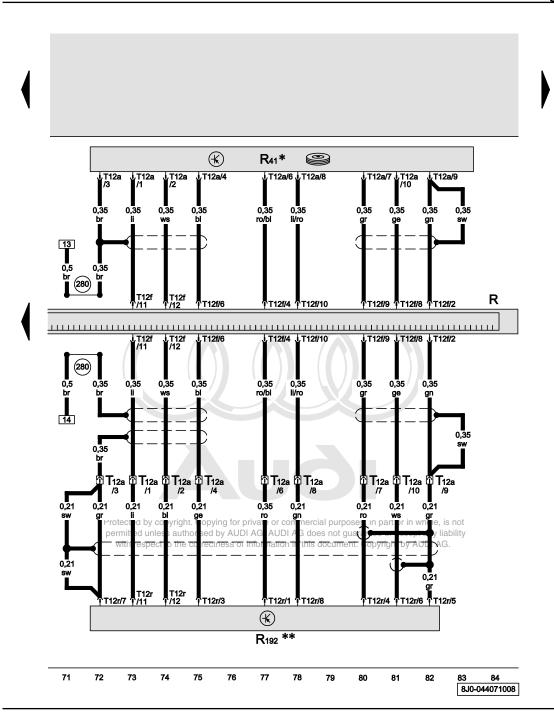
= grey = purple = yellow

= orange

= pink

or

= red



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

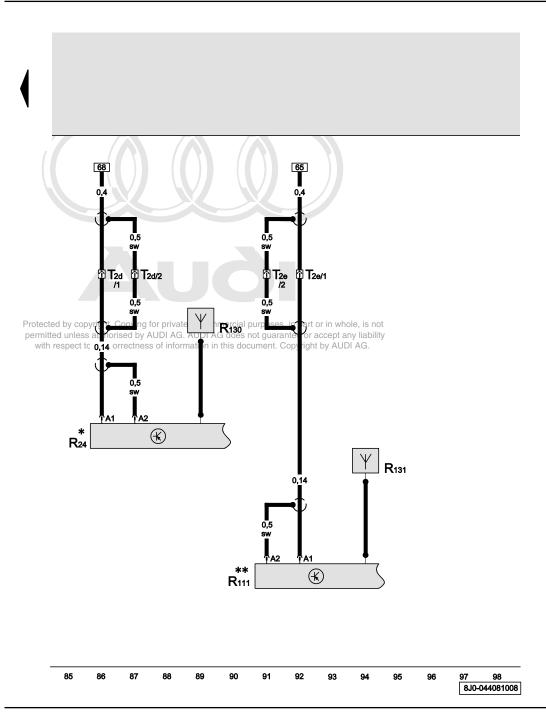
= white

= black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or



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



Radio with standard soundsystem (9VD) Roadster

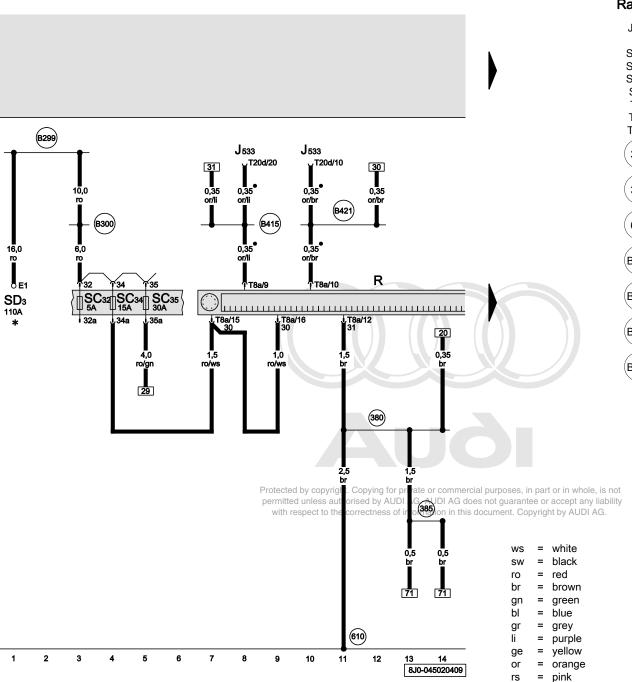
from February 2009

Notes:

For information concerning

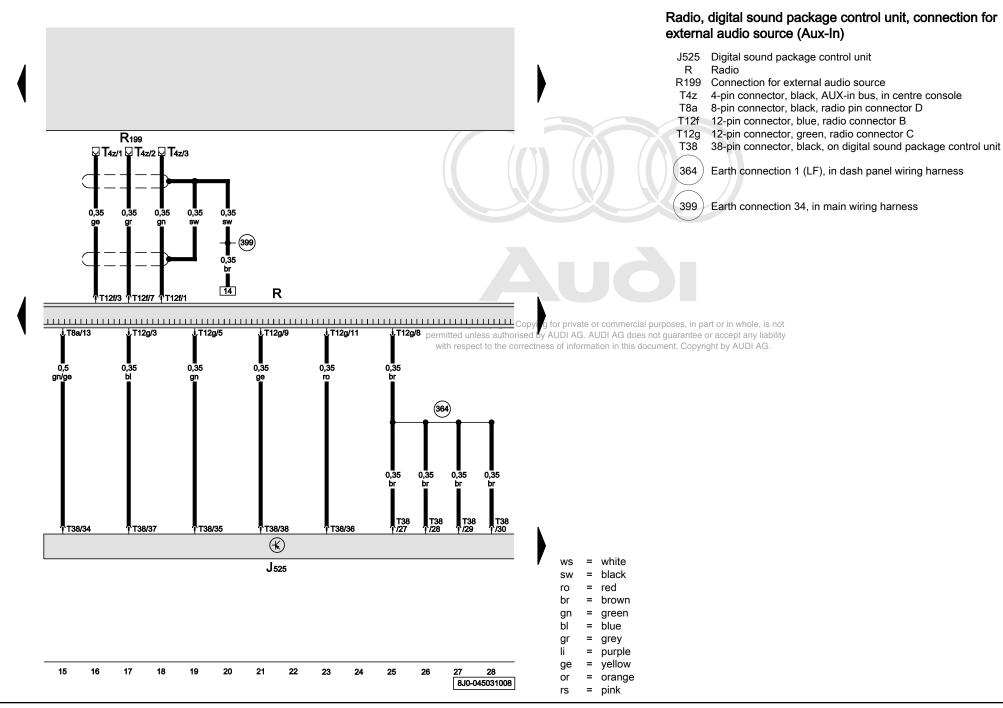
- ♦ Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding





Radio, fuses

- J533 Data bus diagnostic interface
- R Radi
- 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
- 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

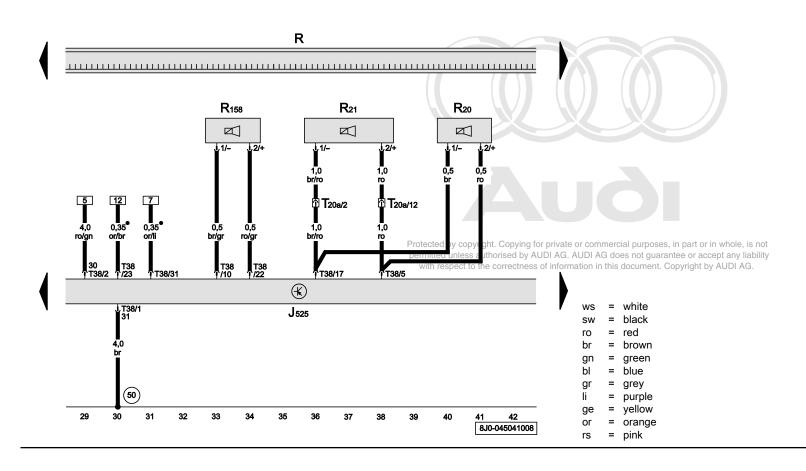


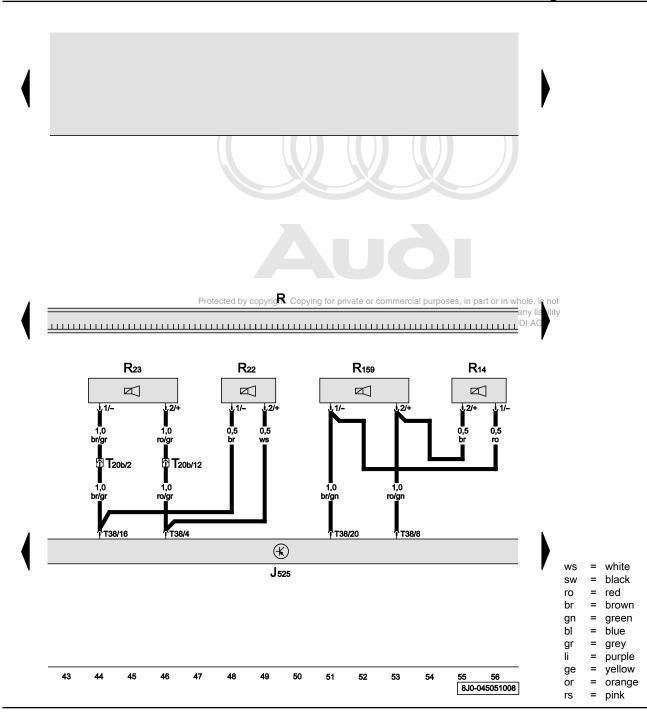




Radio, digital sound package control unit, front left treble loudspeaker, front left bass loudspeaker, centre mid-range and treble loudspeaker

- 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



br/ws

T38/7

(K)

J525

bl/ws

T38/19



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)

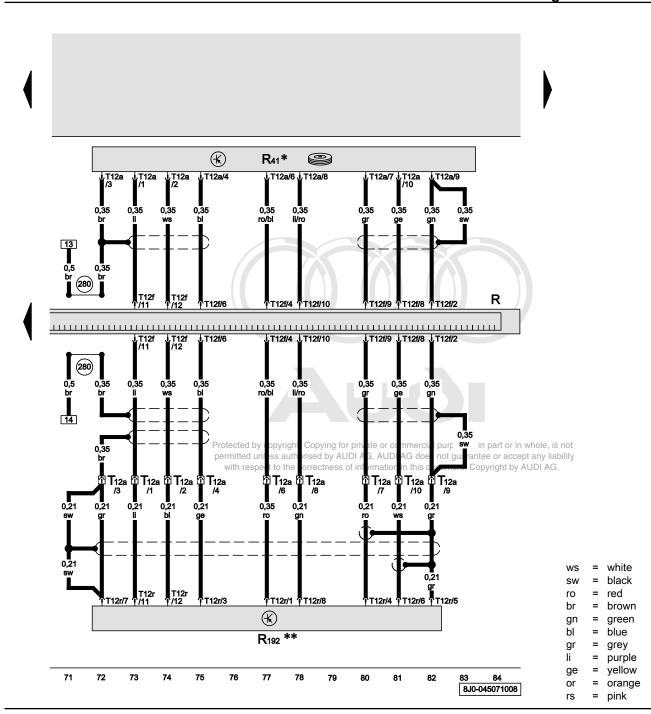
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ws = white sw = black ro = red br = brown gn = green bl = blue gr = grey li = purple ge = yellow or = orange rs = pink

70

8J0-045061008

Edition 04.2009



Radio, CD changer, iPod holder

R Radio R41 CD changer

R192 iPod holder

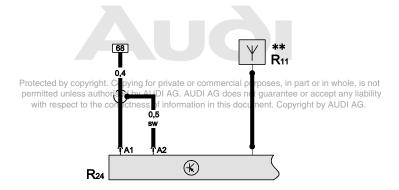
T12a 12-pin connector, black, on CD changer
 T12f 12-pin connector, blue, radio connector B
 T12r 12-pin connector, black, on iPod holder

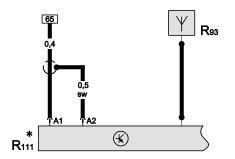
(280) Earth connection, in communications wiring harness

* models with CD changer

** models with iPod holder







85 86 87 88 89 90 91 92 93 94 95 96 97 98 8J0-045081008

Aerial amplifier, radio aerial 2

R11 Aerial

= white = black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or

rs

R24 Aerial amplifier

R93 Radio aerial 2

R111 Aerial amplifier 2

* rear right

* rod aerial rear left



2.5 I - Fuel injection engine (250 kW - 5 cylinder), engine code CEPA from March 2009

Notes:

For information concerning

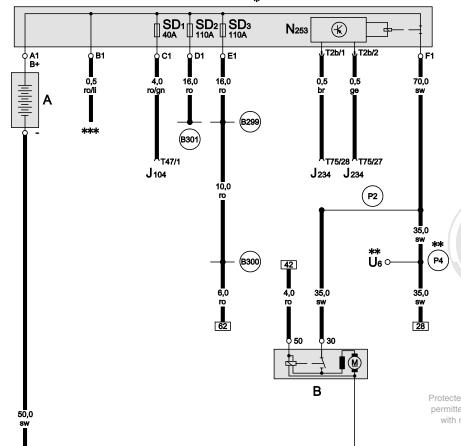
- Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ◆ Fault Finding Programs
- ⇒ guided fault finding





(40)





10

11

12

14

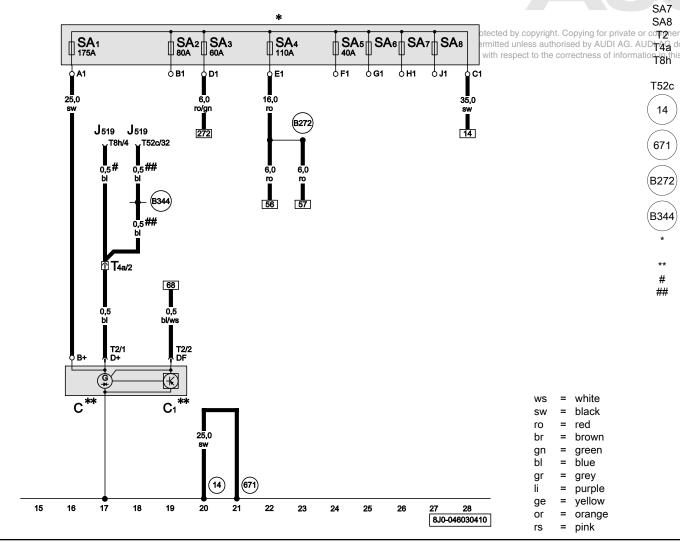
8J0-046020410

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

- Battery
- В Starter
- J104 ABS control unit
- J234 Airbag control unit
- Battery isolation igniter
- Fuse 1 on fuse holder D
- Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- 2-pin connector, purple, on battery isolation igniter
- 47-pin connector, on ABS control unit
- T75 75-pin connector, yellow, on airbag control unit
- Slave start socket
- Earth point, under rear right seat
- 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
- Positive connection (30), in battery wiring harness
- 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

- = blue
- = grey
- = purple = yellow
- = orange or = pink





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

- Alternator
- Voltage regulator
- J519 Onboard supply control unit
- Fuse 1 on fuse holder A
- Fuse 2 on fuse holder A
- Fuse 3 on fuse holder A
- Fuse 4 on fuse holder A SA4
- 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
- 2-pin connector, purple, on alternator
- 94-pin connector, black, in front left engine compartment
- T8h 8-pin connector, black, connector F, on onboard supply control
- T52c 52-pin connector, brown, on onboard supply control unit
- 14 Earth point, on gearbox
- Earth point 1, on front of left longitudinal member
- Positive connection (30), in main wiring harness
- Connection 1 (61), in main wiring harness
 - Main fuse holder, electronics box, in front left engine
 - from June 2010 ⇒ applicable recuperation Current Flow Diagram
 - up to May 2009
- from June 2009

= white

= black = red

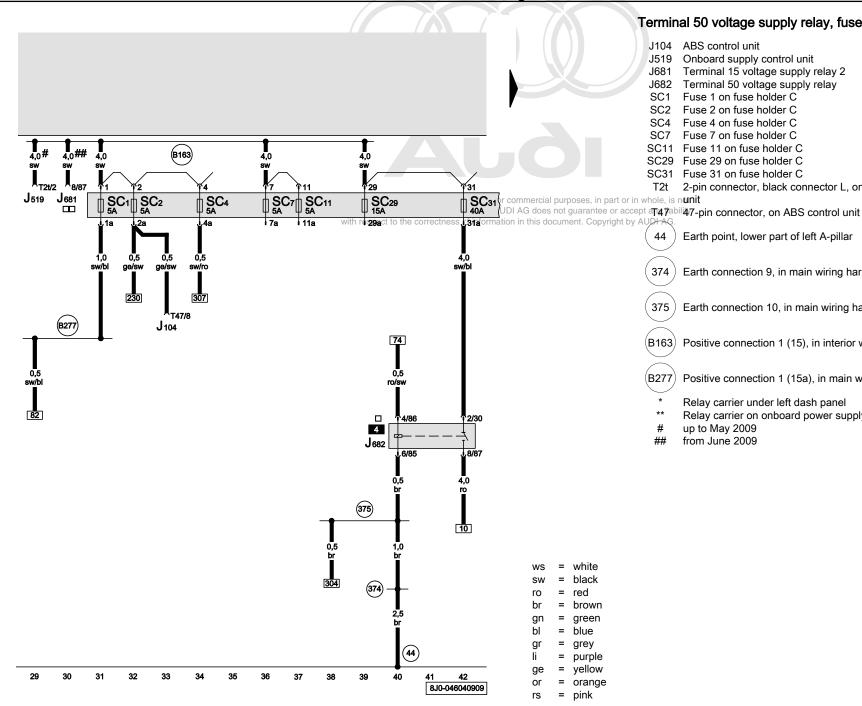
= brown = green = blue = grey

= purple = yellow

= orange

= pink

or

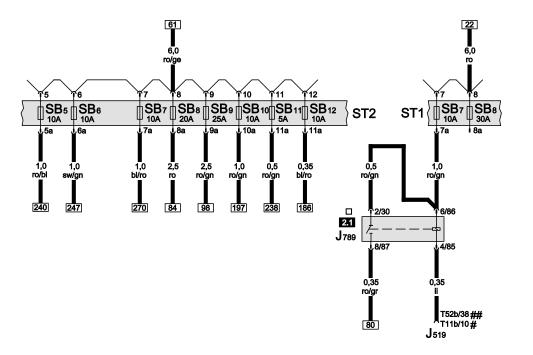


Terminal 50 voltage supply relay, fuses

- J104 ABS control unit Onboard supply control unit Terminal 15 voltage supply relay 2 Terminal 50 voltage supply relay
- Fuse 1 on fuse holder C Fuse 2 on fuse holder C
- Fuse 4 on fuse holder C
- Fuse 7 on fuse holder C Fuse 11 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- 2-pin connector, black connector L, on onboard supply control
- Earth point, lower part of left A-pillar
- Earth connection 9, in main wiring harness
- Earth connection 10, in main wiring harness
- (B163) Positive connection 1 (15), in interior wiring harness
- 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







51

53

54

56

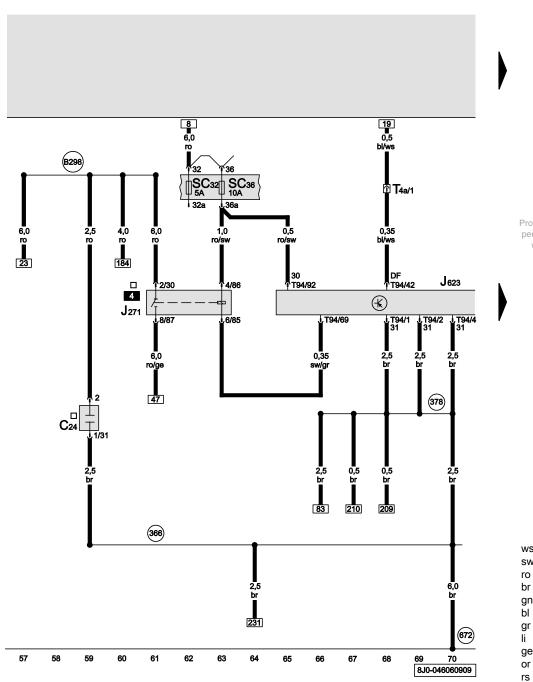
8J0-046050909

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







Engine control unit, Motronic current supply relay, suppression filter

C Alternator

C24 Suppression filter

271 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

6 Earth connection 1, in main wiring harness

8 Earth connection 13, in main wiring harness

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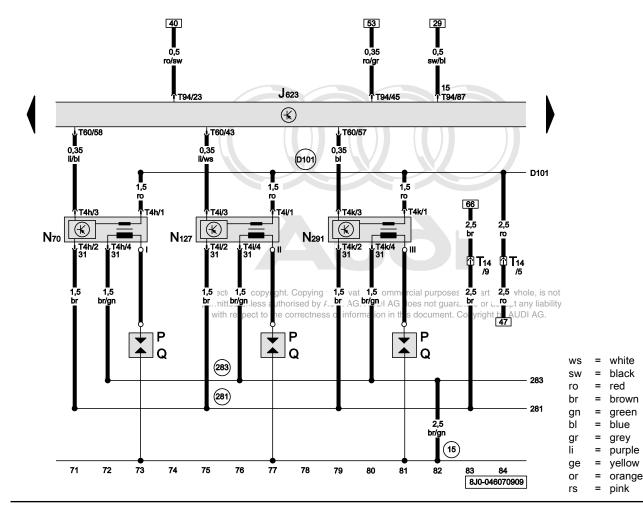
= pink

Positive connection 2 (30), in main wiring harness

Relay and fuse carrier in electronics box engine compartment

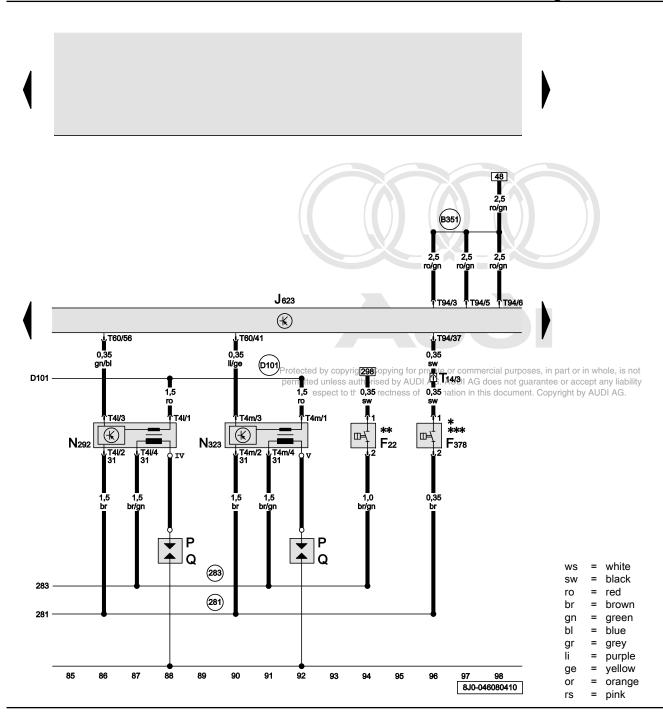
** models with recuperation (7L7) ⇒ applicable recuperation Current Flow Diagram





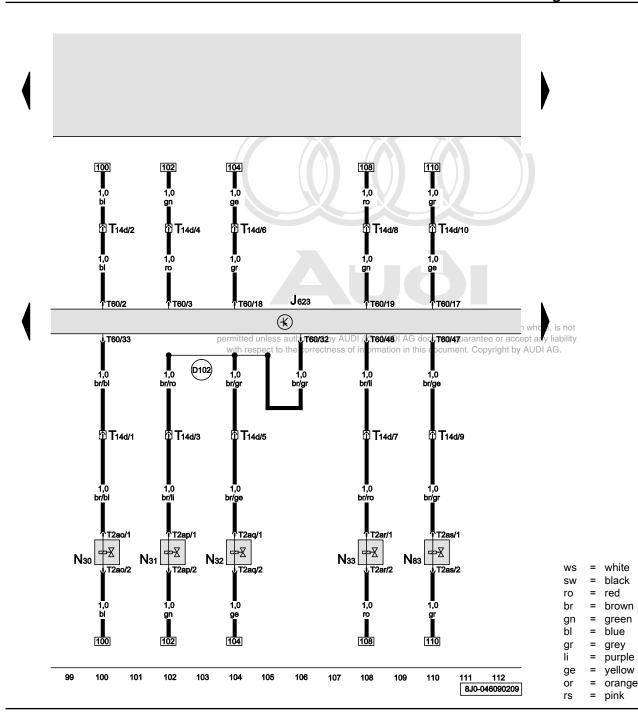
Engine control unit, ignition coil 1 up to 3 with output stage

- 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
 - Spark plug connector
- Q Spark plugs
- 4h 4-pin connector, black, on ignition coil 1 with output stage
- T4i 4-pin connector, black, on ignition coil 2 with output stage
- 4k 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



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
- T4I 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 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

Connection 2, in engine compartment wiring harness





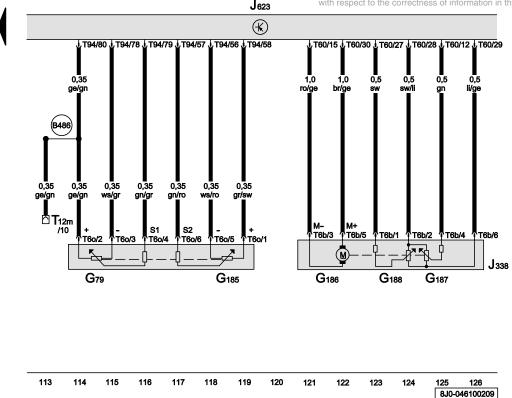
Engine control unit, throttle valve module, accelerator position sender

- 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

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

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= pink

or



127

128

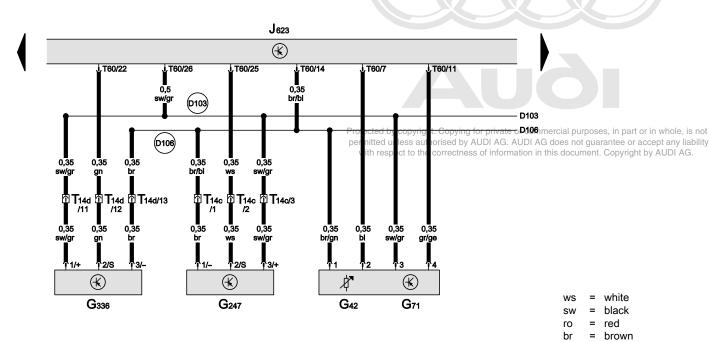
129

132



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
- Γ60 60-pin connector, on engine control unit
- (D103) Connection 3, in engine compartment wiring harness
- O106) Connection 4, in engine compartment wiring harness



135

136

137

138

140

8J0-046110909

sw

ro

br

or

= purple = yellow

= orange

= pink





J623 **(K)** T60/10 T60/36 T60/51 T60/59 ₫ T60/52 T60/44 0,35 (D103) (D107) - D107 D106 (D106) 0,35 sw/gr 0,35 sw/gr 0,35 ₹1/+ 12/S ₹1/+ 12/S ₹1/+ ↑2/S **(K) (K)** (K) G₂₈ G300 G40 142 150 151 152 154 8J0-046120209

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

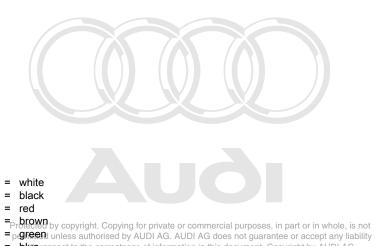
J623 Engine control unit

60-pin connector, on engine control unit

(D103) Connection 3, in engine compartment wiring harness

Connection 4, in engine compartment wiring harness

(D107) Connection 5, in engine compartment wiring harness



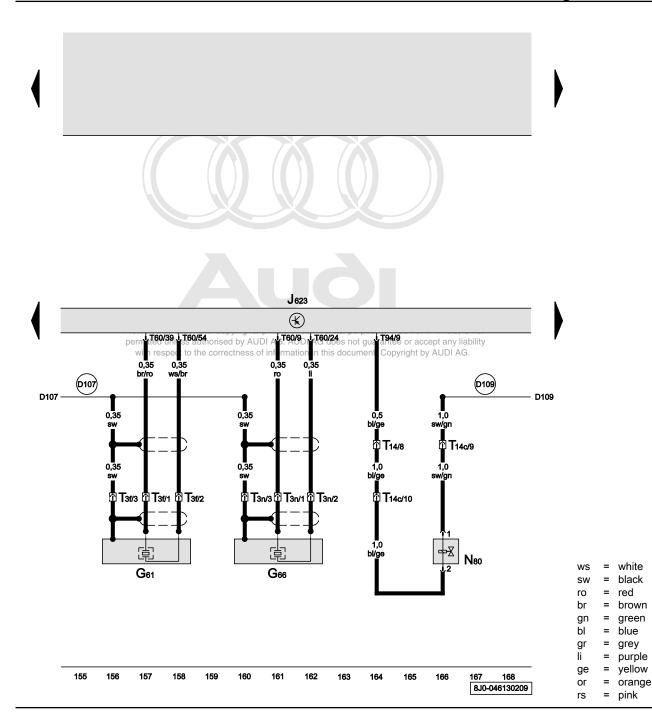
= blue respect to the correctness of information in this document. Copyright by AUDI AG.

white

brown

purple





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 3-pin connector, green, on knock sensor 1 3-pin connector, grey, on knock sensor 2 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 Connection 5, in engine compartment wiring harness 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

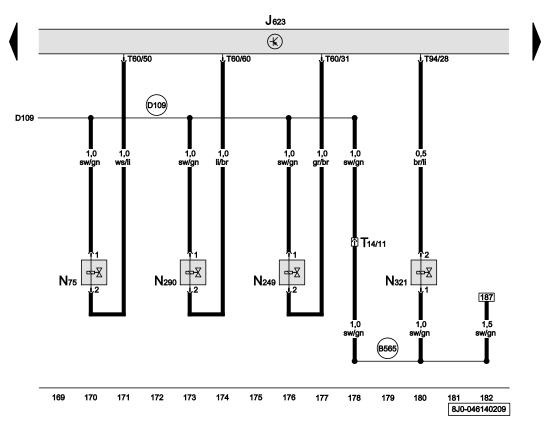
T60 60-pin connector, on engine control unit

Γ94 94-pin connector, on engine control unit

3565) 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

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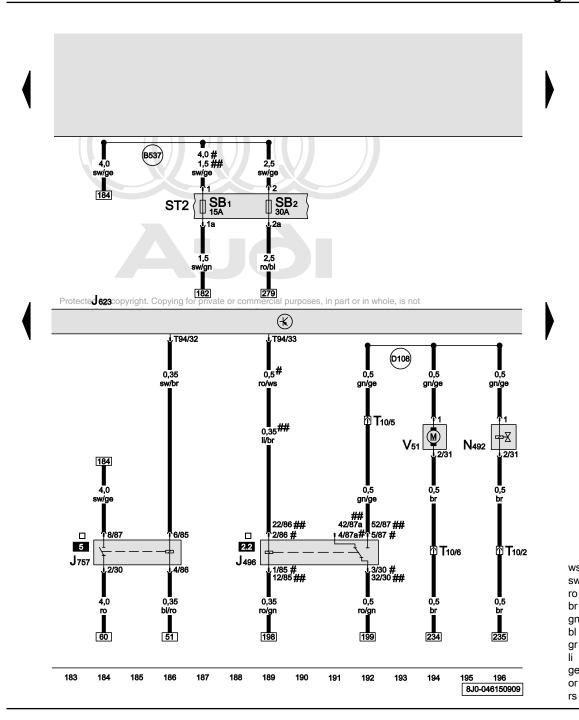


ws = white
sw = black
ro = red
br = brown

gn = green bl = blue

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

s = 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

3537) Connection 28 in main wiring harness

O108) Connection 6, in engine compartment wiring harness

* Relay and fuse carrier in electronics box engine compartment

up to May 2009

from June 2009

= white

= black = red

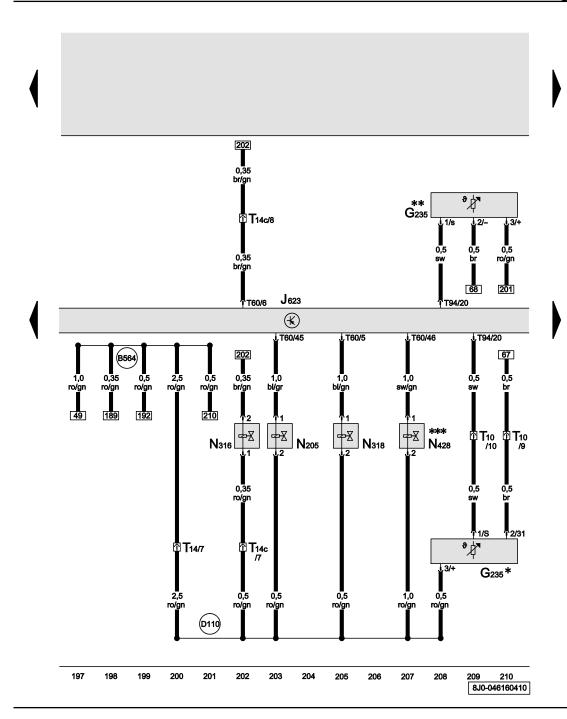
brown

green

bluegreypurpleyellow

= orange

= 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

3564) Connection 31, in main wiring harness

10 Connection 8, in engine compartment wiring harness

* up to May 2009

* from June 2009

= white

= black = red

browngreen

bluegreypurpleyellow

= orange

= pink

or

*** for models with dual clutch gearbox 0BH only (S tronic)



= white= black= red= brown

= green = blue

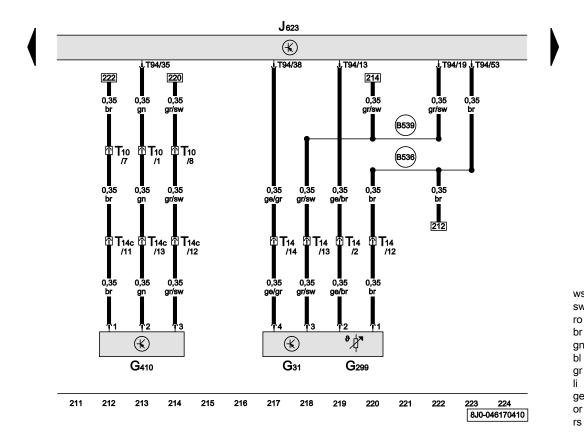
= grey = purple = yellow

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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

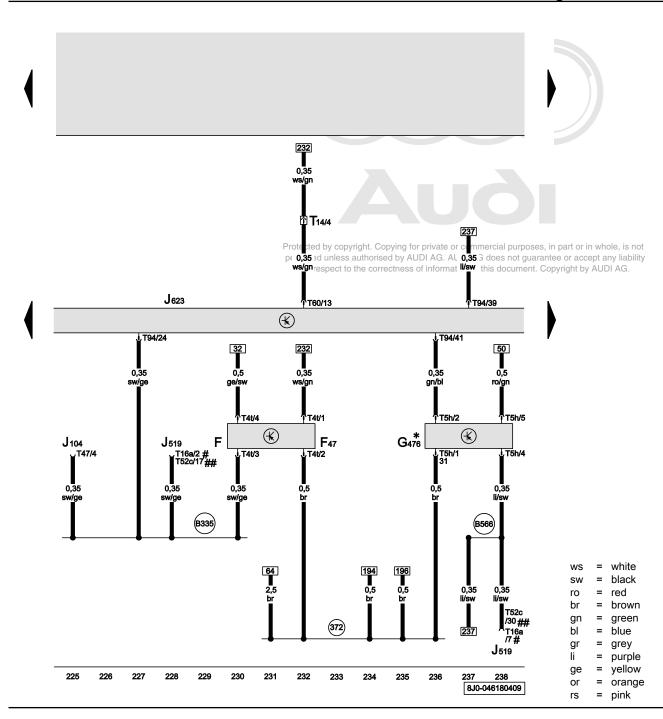
T10 10-pin connector, black, in front left engine compartment

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

S536) Connection 27, in main wiring harness

(B539) Connection 30, in main wiring harness



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

- 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

Brake light switch

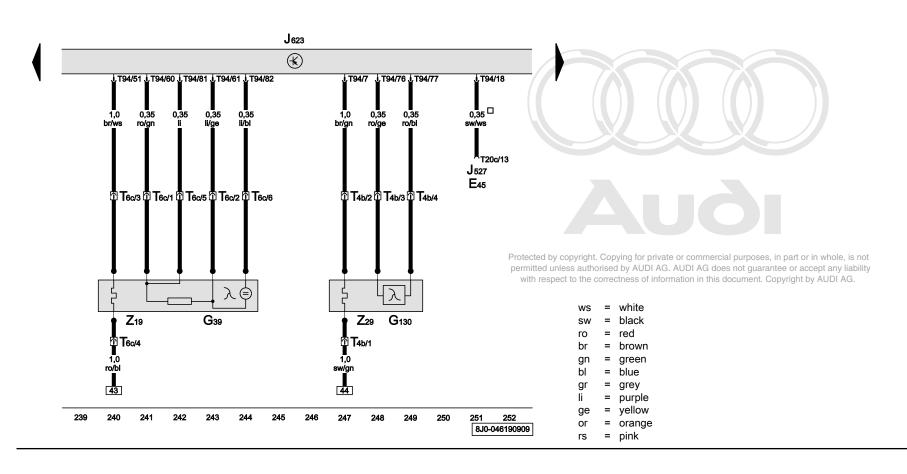
- (372) Earth connection 7, in main wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B566) Connection 33, in main wiring harness
 - * models with manual gearbox
- # up to May 2009 ## from June 2009

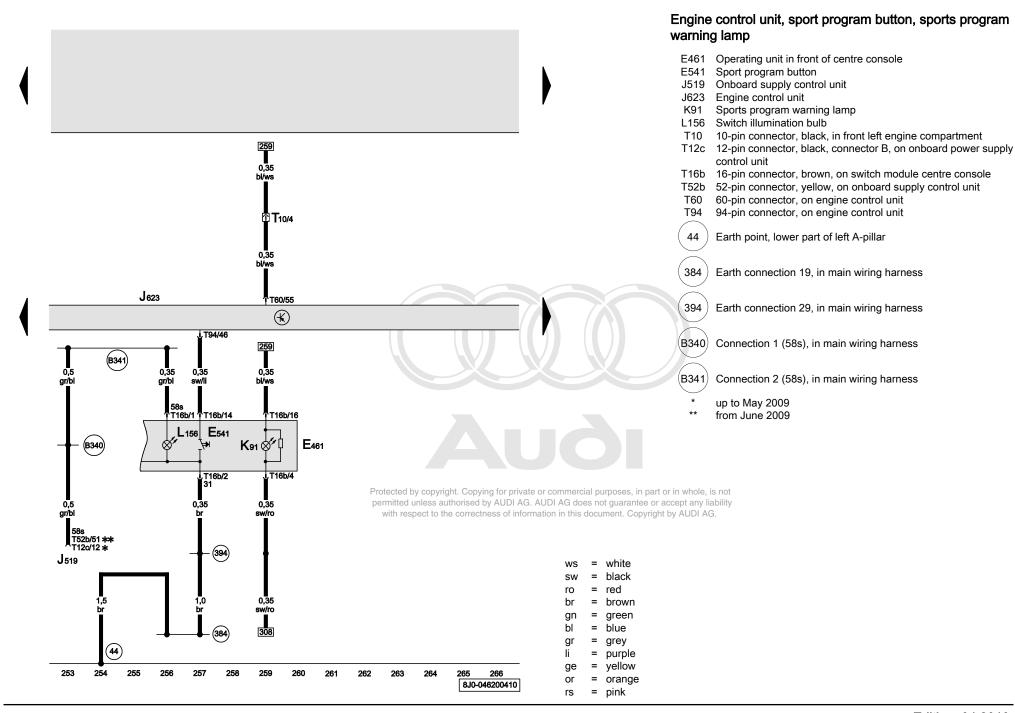


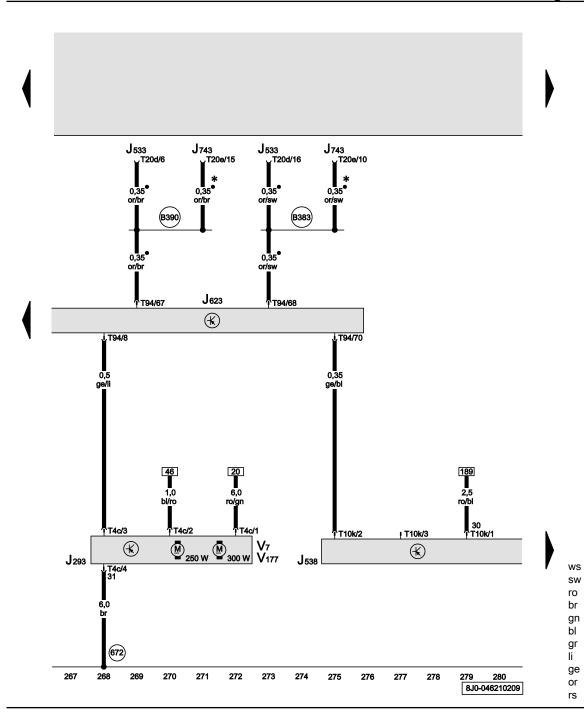


Engine control unit, lambda probe, lambda probe heater after catalytic converter, lambda probe heater, lambda probe 1 heater after catalytic converter

- 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







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

whiteblackredbrowngreenblue

purpleyellow

= orange

= pink

- 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

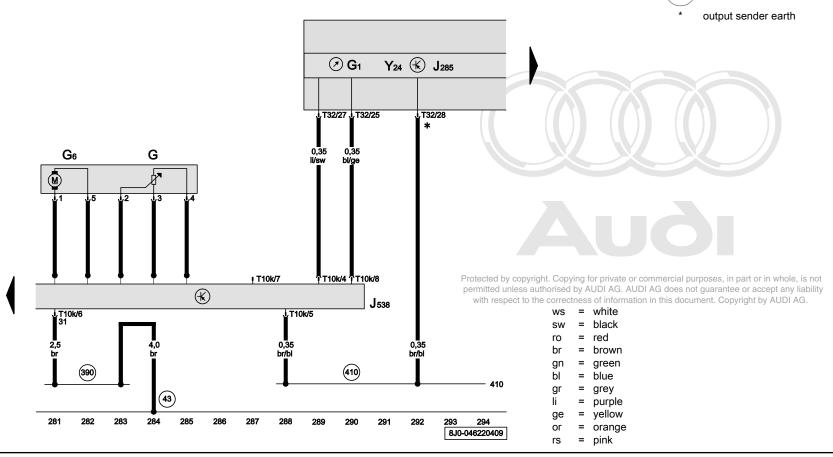






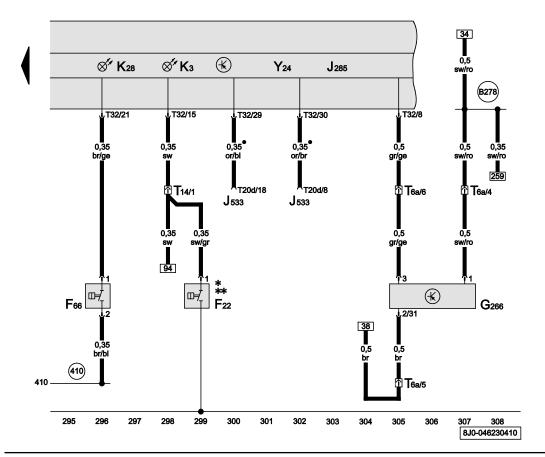
Control unit in dash panel insert, fuel pump control unit, fuel gauge sender, fuel gauge, fuel system pressurisation pump

- G Fuel gauge sender
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- 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









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
- C3 Oil pressure warning lamp
- 28 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

= white

blackredbrowngreenblue

greypurpleyellow

= orange

= pink

or



Basic equipment

from June 2009

Notes:

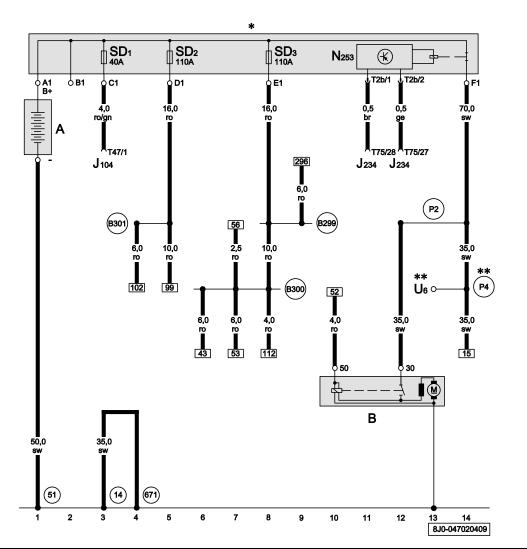
For information concerning

- ♦ 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









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





SA2 SA3 SA4 80A 60A 110A SA₁ <u></u> С1 **⇔**Β1 ბ D1 d E1 35,0 sw 25,0 10,0 6,0 16,0 ro ro/gn (B272) 14 J 293 J623 0,35 bl/ws - (85) (B298) ☐ T4a/2 ☐ T4a/1 0,35# li/ws 0,5 ** ₫ **Т**14/9 C24 С C_1 366 672 15 16 17 18 19 20 21 22 23 24 25 26 28 8J0-047030410

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

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= white

blackredbrowngreen

= blue = grey

purpleyellow

= orange

= pink

or

- (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)

29

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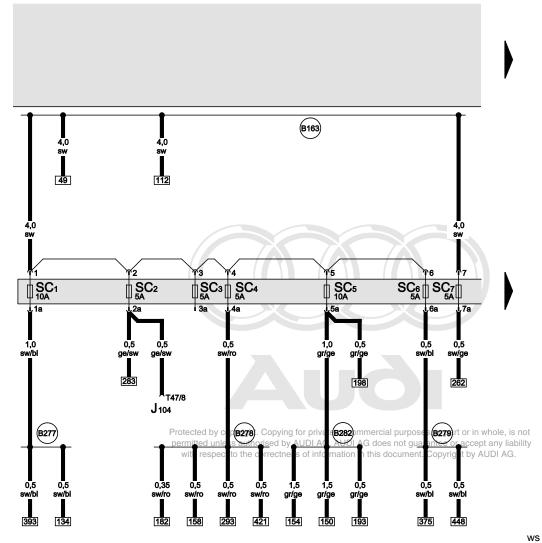
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8J0-047040410

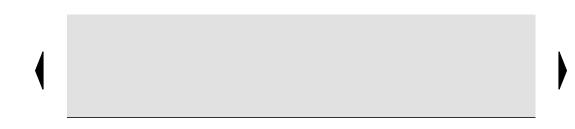


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange

= 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
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
(BZ//)	1 ostive connection 1 (13a), in main wining namess
(B278)	Positive connection 2 (15a), in main wiring harness
	, ,,
(B279)	Positive connection 3 (15a), in main wiring harness
Paga	Positive connection 6 (15a) in main wiring hornoon
D202	Positive connection 6 (15a), in main wiring harness
	SC1 SC2 SC3 SC4 SC5 SC6 SC7 T47 B163



6 7 **7**32 **7**30 SC29 SC30 SC₁₅ 30a ,32a €37a ,15a ,31a ,33a 0,5 ro/bl 0,5 ro/li 1,5 li/ws 0,5 ro/gr 2,5 ro/bl ro/ws sw/bl ro/ge 365 401 374 T10p/10 70 E313 F₁₈₉ (B567) 117 0,5 li/ws 1,5 li/ws 0,5 ro/sw 346 140 109 12/86 732/30 4/86 72/30 * 4 * 2.2 J682 J807 8/87 ,22/85 42/87a ,6/85 4,0 ro/ws 4,0 ro 0,5 br ro/ws 10 50 51 52 53 54 56 8J0-047050409

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

```
E313 Selector lever
F189
      Tiptronic switch
      Terminal 50 voltage supply relay
      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
      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

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ws = white

sw = black

ro = red

br = brown

gn = green

bl = blue

gr = grey

li = purple

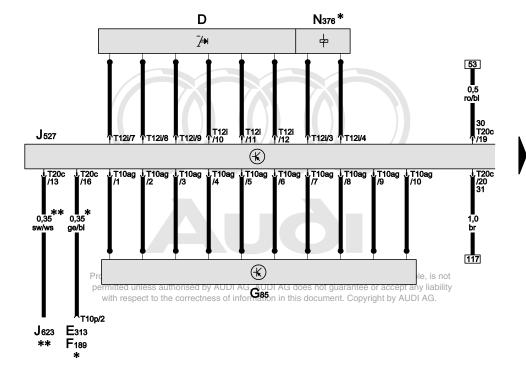
ge = yellow

or = orange

rs = pink
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67

68

70

8J0-047060409

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

```
        sw
        =
        black

        ro
        =
        red

        br
        =
        brown

        gn
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        green

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        blue

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        grey

        li
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        purple

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        yellow

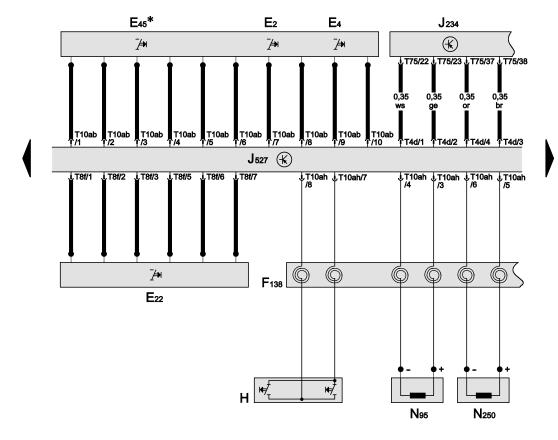
        or
        =
        orange

        rs
        =
        pink
```

= white







71 72 75 76 77 81 82 84 8J0-047070410 Steering column electronics control unit, turn signal switch, headlight dipper/flasher switch, intermittent wiper switch, cruise control system switch, horn plate

- Turn signal switch
- Headlight dipper/flasher switch
- E22 Intermittent wiper switch
- Cruise control system switch
- Airbag coil connector and return spring with slip ring
- Horn plate
- Airbag control unit
- Steering column electronics control unit
- Driver side airbag igniter
- N250 Driver side airbag igniter 2
- T4d 4-pin connector, yellow, on steering column electronics control
- 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



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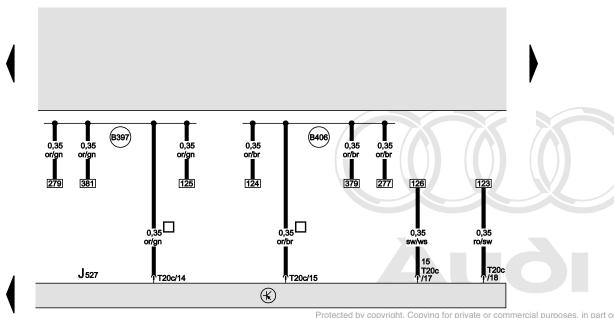
white

= orange

= pink

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or



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

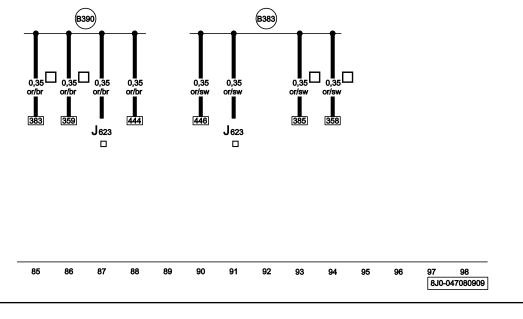
(B397) Connection 1 (convenience CAN bus, high), in main wiring harness

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

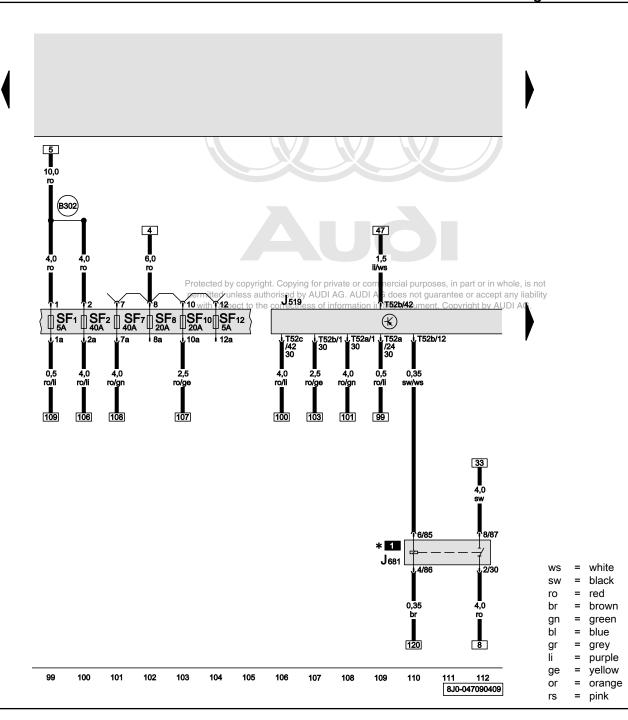
CAN bus (data wire)

* ⇒ Engine Current Flow Diagram

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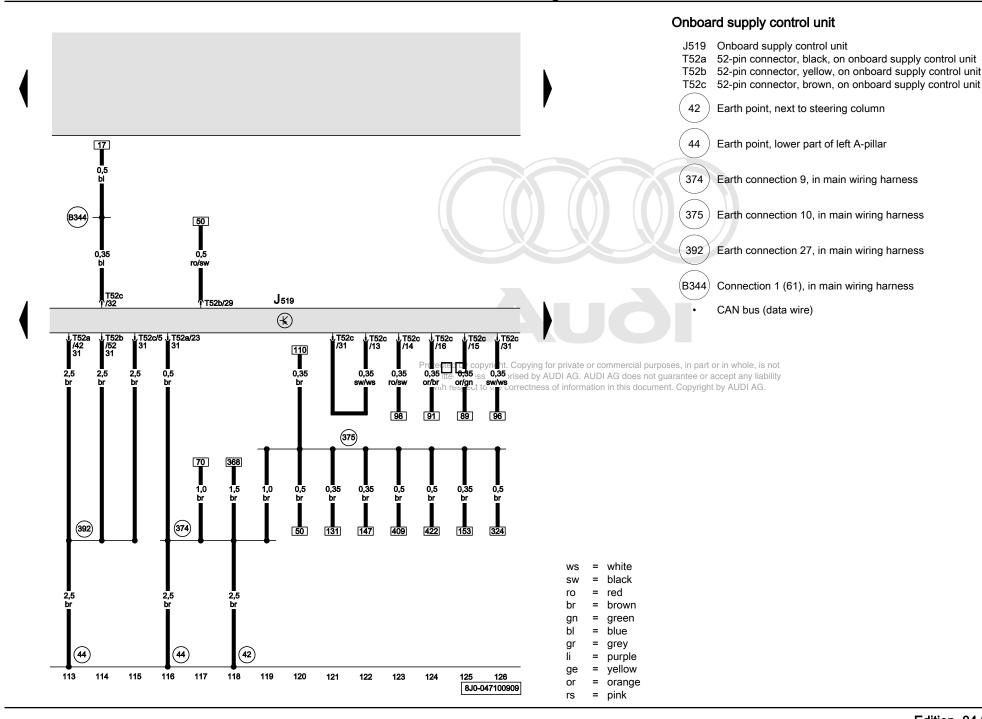
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bl = blue
gr = grey
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rs = pink

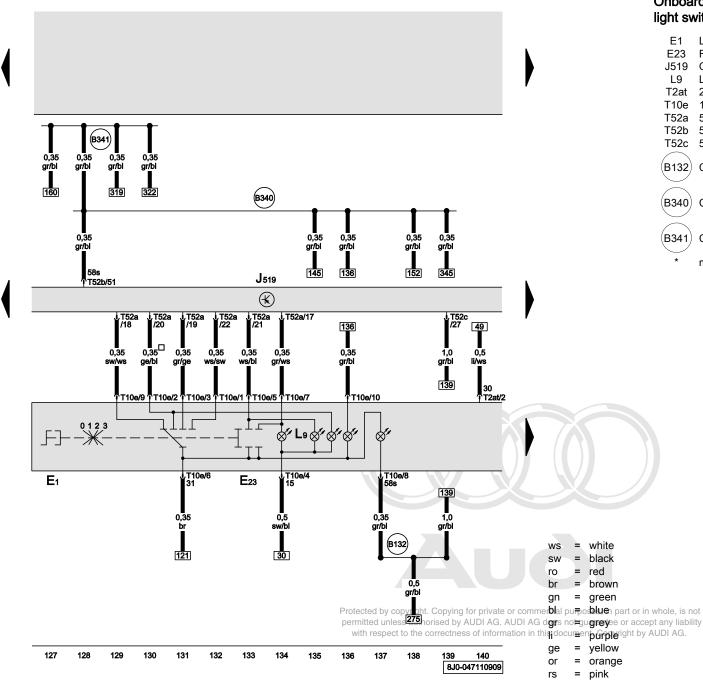


Onboard supply control unit, terminal 15 voltage supply relay 2, fuses

```
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
SF11 Fuse 12 on fuse holder F
SF2 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
T52c Positive connection 6 (30), in main wiring harness
```

Relay carrier on onboard power supply control unit





Onboard supply control unit, light switch, front and rear fog light switch

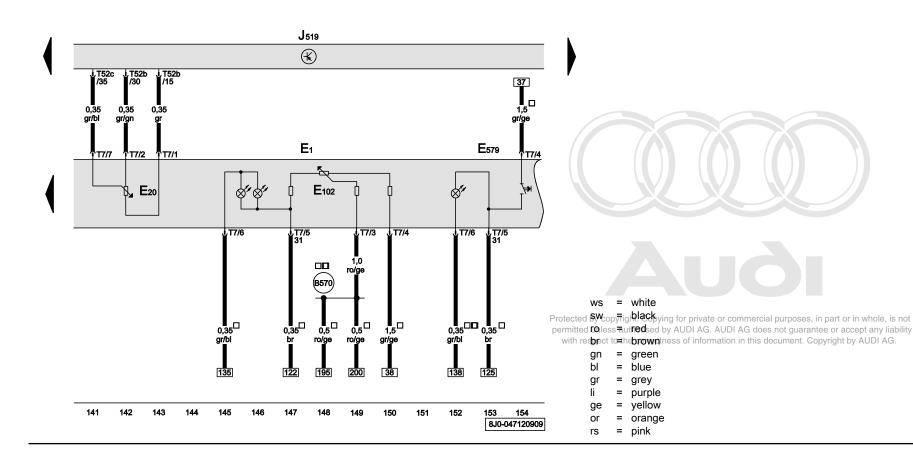
- E1 Light switch
- E23 Front and rear fog light switch
- J519 Onboard supply control unit
 - 9 Light switch illumination bulb
- T2at 2-pin connector, black, on light switch
- T10e 10-pin connector, black, connector A, on light switch
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 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





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



= white

= black = red

= brown = green

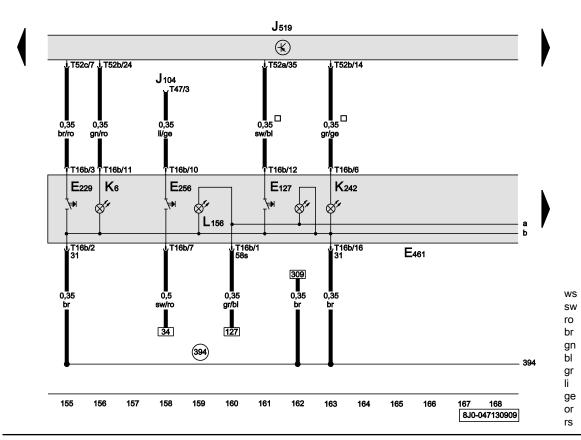
bluegreypurpleyellow

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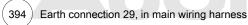






Onboard supply control unit, operating unit in front of centre console

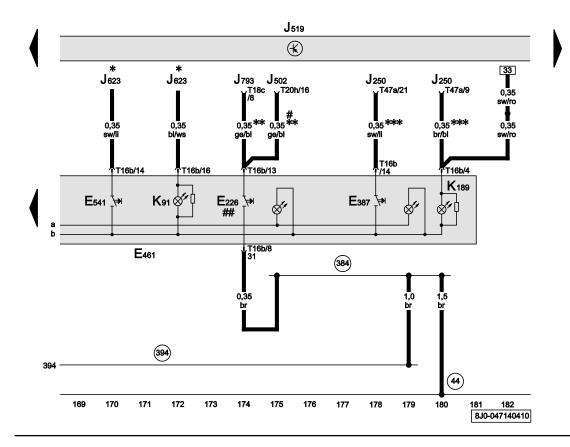
- E127 Adjustable rear spoiler switch
- E229 Hazard warning lights button
- E256 TCS and ESP button
- E461 Operating unit in front of centre console
- J104 ABS control unit
- J519 Onboard supply control unit
- K6 Hazard warning light system warning lamp
- K242 Rear spoiler position warning lamp
- L156 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





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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

- E226 Tyre pressure monitor button
- E387 Shock absorber damping adjustment button
- E461 Operating unit in front of centre console
- E541 Sport program button
- J250 Electronically controlled damping control unit
- J502 Tyre pressure monitor control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- J793 Tyre pressure monitor control unit 2
- K91 Sports program warning lamp
- K189 Shock absorber damping adjustment warning lamp
- T16b 16-pin connector, brown, on switch module centre console
- T18c 18-pin connector, black, on tyre pressure monitor control unit 2
- T20h 20-pin connector, red, on tyre pressure monitor control unit 2
- T47a 47-pin connector, on electronically controlled damping control unit
- (11)
 - 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 I engine Current Flow Diagram
- ** models with tyre pressure monitor
- *** models with electronically controlled damping
- # only USA
- ## up to May 2010

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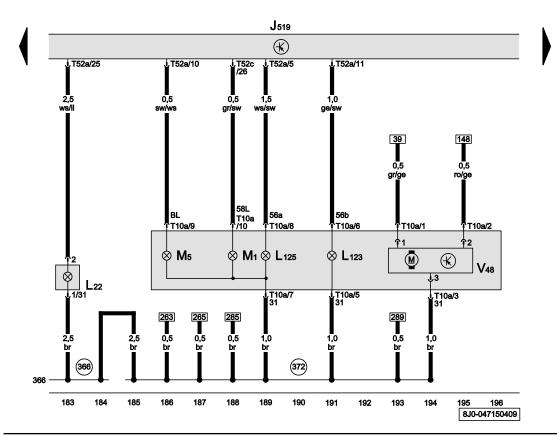
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or







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

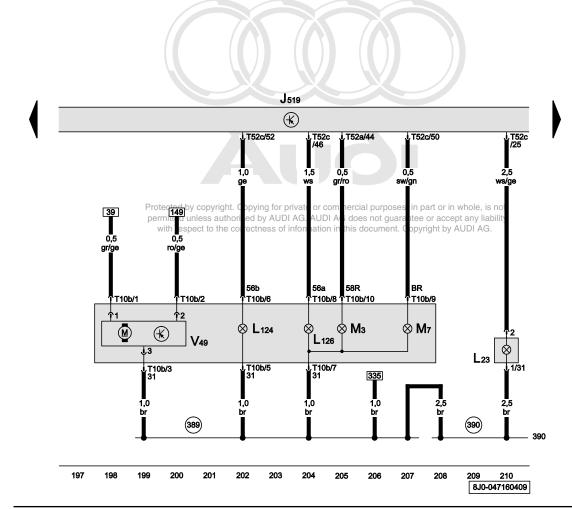
T52c 52-pin connector, brown, on onboard supply control unit

V48 Left headlight range control motor

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness





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 bulbM7 Front right turn signal bulb

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- 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



J519 **(K)** /T52c /51 ↓T52a 1/27 JT52a/4 JT52c/4 T52a/28 T52c/28 .T52a /26 ,T52a/3 ₺,T52c/3 ₺,T52a 0,35# 0,35 sw/bl 0.35 0,35 0.35 gr/sw gr/ws sw/bl gr/sw gr/ws (B182) 0,35 C sw/bl 0,35## 0,35 sw/bl gr/ws ↑T6k/6 ↑T6k/5 ↑T6k/4 ↑T6k/3 T6k/2 **₹**T6I/6 ¶T6l/3 ↑T6I/4 ↑T6I/1 ↑T6I/2 ♦ M₆ ♦ M₂₁ ♦ M₆ ♦ M₅₈ **♦ M**₁₇ ♦M59 ♦ M8 ♦M22 ♦ M8 (395) 390 662 (51) (43) 211 212 213 214 215 216 217 218 219 220 221 222 223 224 8J0-047170909

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 bulbM22 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

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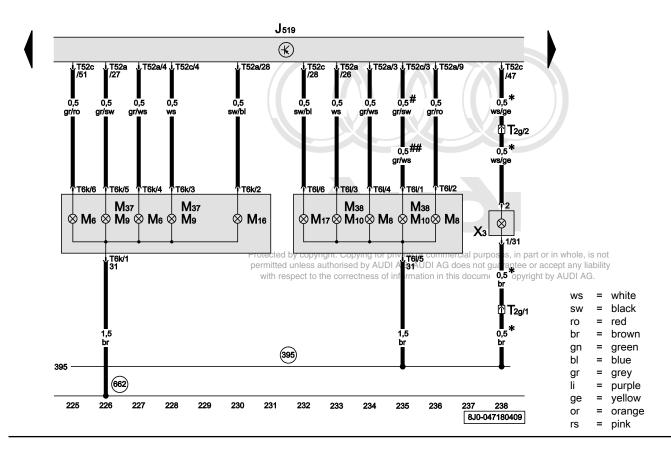
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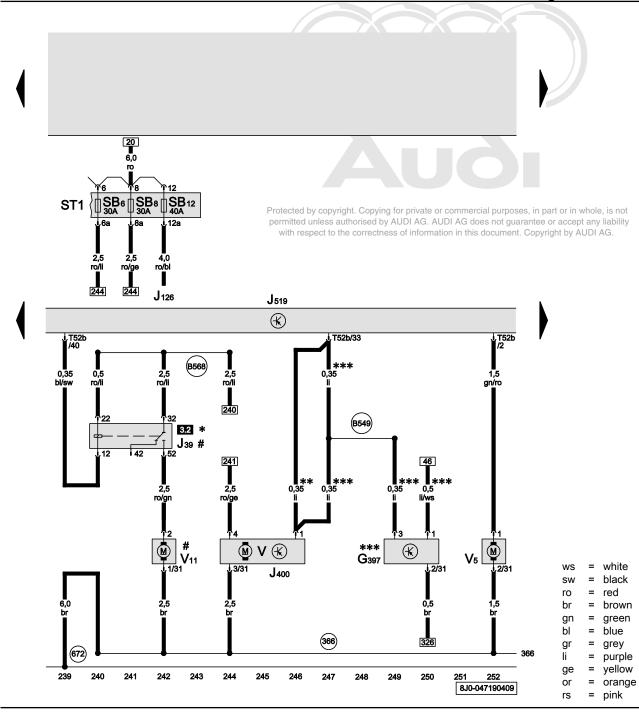






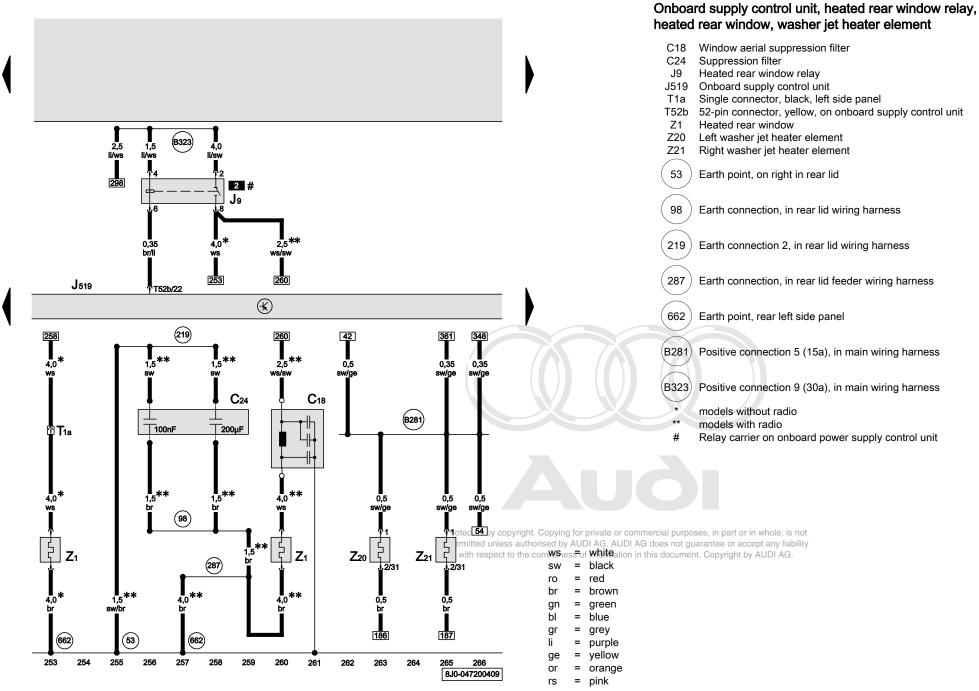
Onboard supply control unit, rear fog light, left and right tail light USA

- 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
 Onboard supply control unit
 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

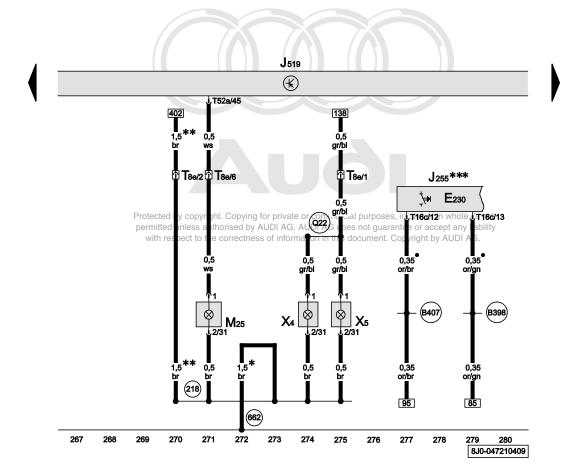


- Single connector, black, left side panel
- T52b 52-pin connector, yellow, on onboard supply control unit

- Earth point, on right in rear lid
- Earth connection, in rear lid wiring harness
- Earth connection 2, in rear lid wiring harness
- Earth connection, in rear lid feeder wiring harness
- Earth point, rear left side panel
- Positive connection 5 (15a), in main wiring harness
- Positive connection 9 (30a), in main wiring harness
- Relay carrier on onboard power supply control unit







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

Onboard supply control unit, heated rear window button,

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 lightX5 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

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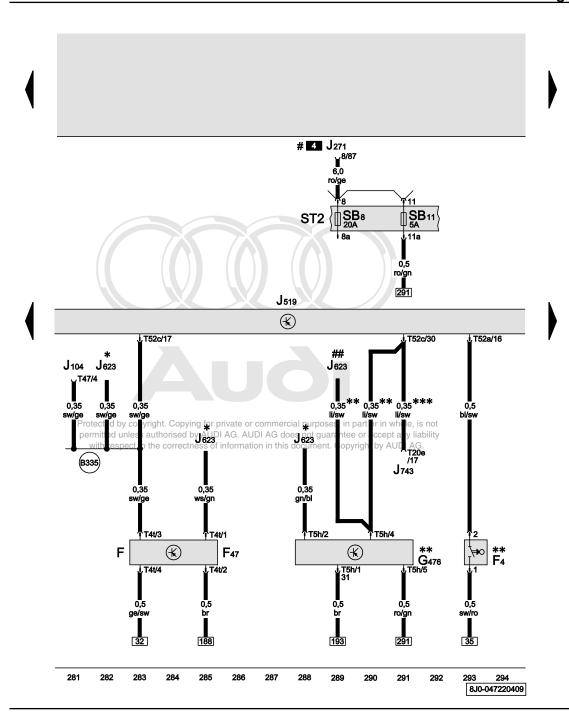
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*** Operation for heated rear window via CAN bus



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

```
Brake light switch
      Reversing light switch
      Brake pedal switch
G476 Clutch position sender
J104 ABS control unit
      Motronic current supply relay
      Onboard supply control unit
      Engine control unit
      Mechatronic unit for dual clutch gearbox
      Fuse 8 on fuse holder B
SB11 Fuse 11 on fuse holder B
      4-pin connector, black, on brake light switch
      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
      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 I engine Current Flow Diagram

white

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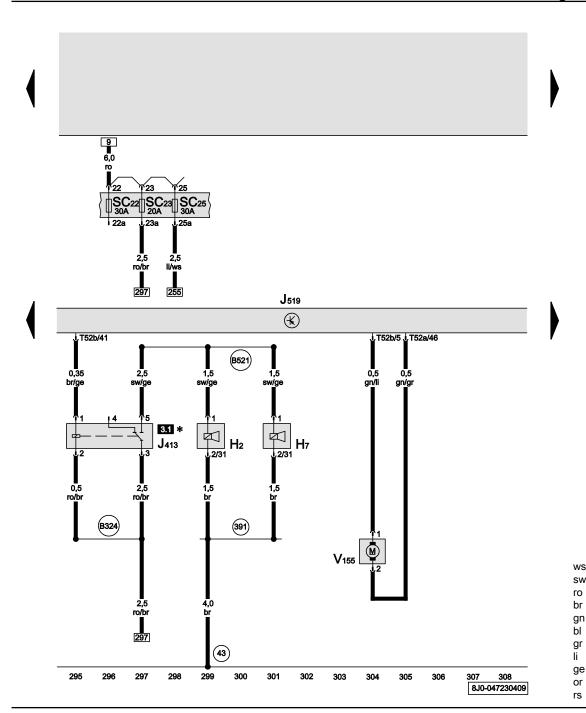
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Onboard supply control unit, horn relay, treble horn, bass horn, tank filler flap locking motor

- H2 Treble tone horn
- H7 Bass tone horn
- J413 Horn relay

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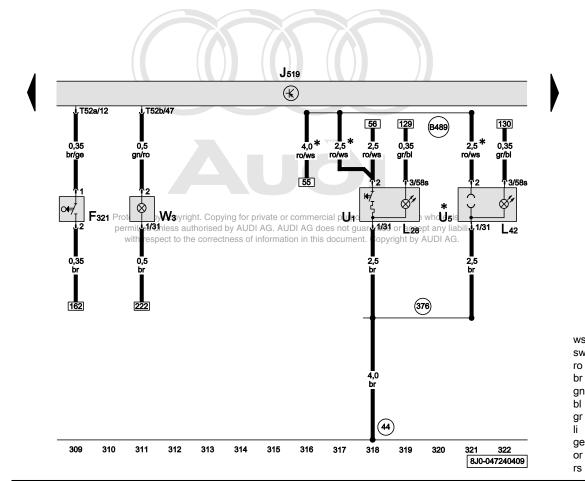
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- J519 Onboard supply control unit
- SC22 Fuse 22 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T52a 52-pin connector, black, on onboard supply control unit
- T52b 52-pin connector, yellow, on onboard supply control 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
- R521 Connection (dual tone horn), in main wiring harness
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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

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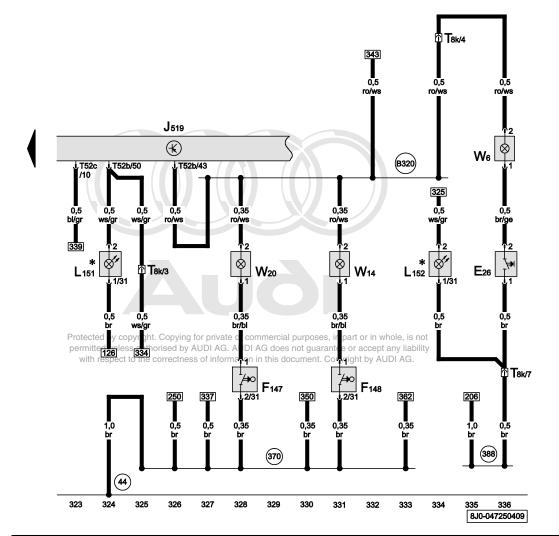
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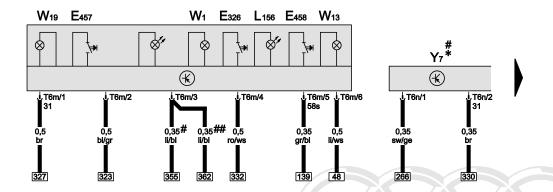


Onboard supply control unit, vanity mirror contact switch, glove compartment light, illuminated vanity mirror

- 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)







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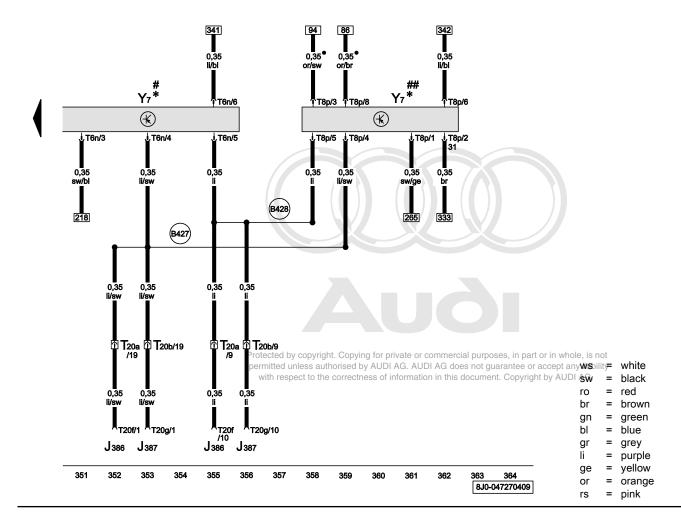
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Front interior light button, reading light button, front interior light, reading light, automatic anti-dazzle interior mirror

- 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







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

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

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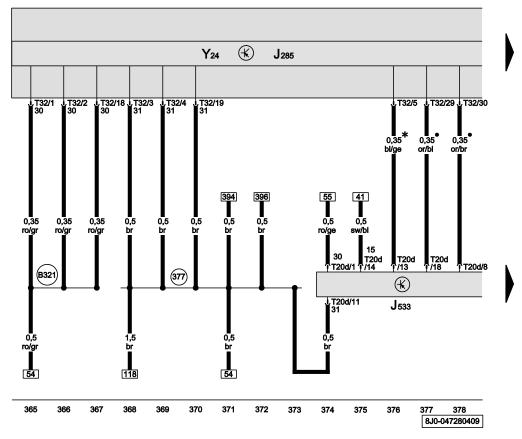
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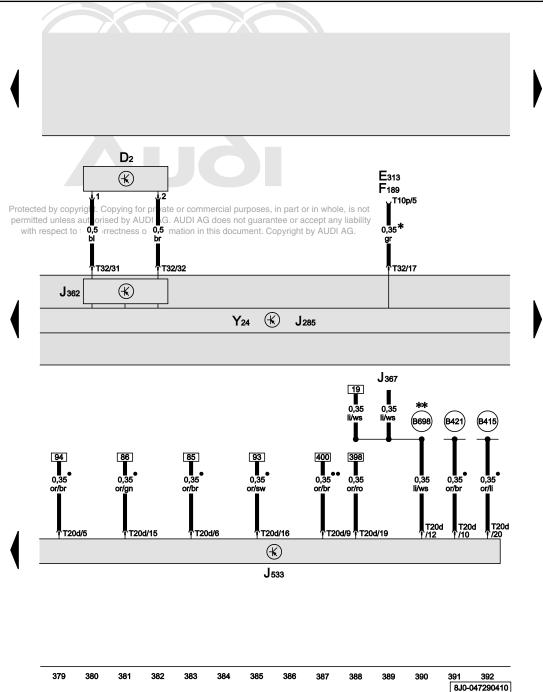
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Control unit in dash panel insert, data bus diagnostic interface

- 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
- 724 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)

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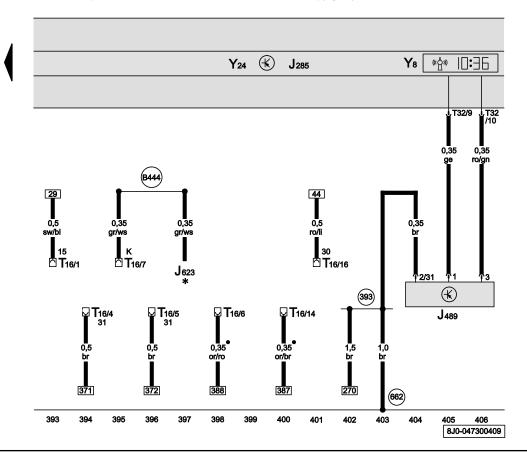
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- * models with direct shift gearbox 02E
- ** models with recuperation (7L7) ⇒ applicable recuperation Current Flow Diagram (7L7)



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Control unit in dash panel insert, diagnostic connector, radio controlled clock receiver, radio controlled clock

- J285 Control unit in dash panel insert
 J489 Radio controlled clock receiver
 J623 Engine control unit
 T16 16-pin connector, diagnostic connector
 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
- B444) Connection 1 (diagnosis), in main wiring harness
- CAN bus (data wire)* ⇒ Engine Current Flow Diagram

Earth point, rear left side panel





⊗″ K₃₂ **€** J₂₈₅ T32/7 T32/14 T32/20 T32/21 T32/24 0,35 br/ws 0,35 br/ge (B379) F₃₄ F77 F66 G17 G34 0,35 br/bl 0,35 br/bl 0,35 br/bl 0,35 br/bl 410 411 412 415 416 417 418 420 8J0-047310409 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

- Brake fluid level warning contact
- Coolant shortage indicator switch
- Washer fluid warning contact
- G17 Ambient temperature sensor
- Front left brake pad wear sender
- Control unit in dash panel insert
- Brake pad warning lamp
- 32-pin connector, blue, on control unit in dash panel insert
- Display in dash panel insert
- Earth connection 1 (sender earth), in main wiring harness
- Connection 1 (brake wear indicator), in main wiring harness
- Connection 2 (brake wear indicator), in main wiring harness
- output sender earth



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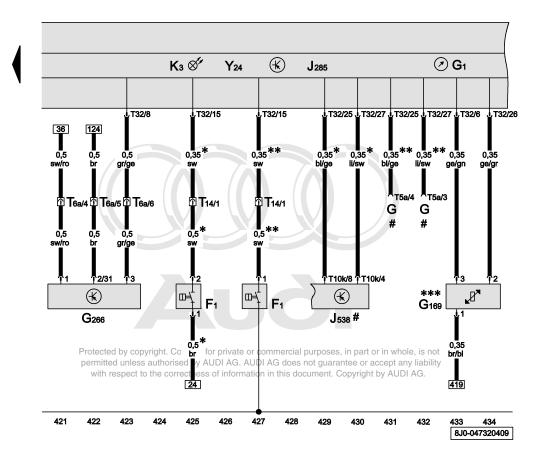
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gauge sender, fuel gauge sender 2, oil level and oil temperature sender, fuel pump control unit

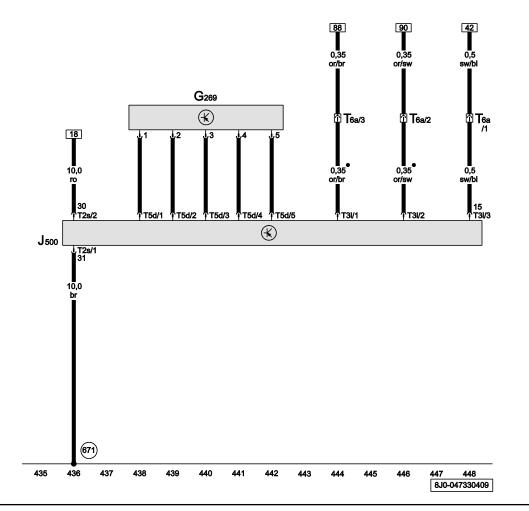
F1 Oil pressure switch
G Fuel gauge sender
G1 Fuel gauge
```

Control unit in dash panel insert, oil pressure switch, fuel

```
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
      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 I petrol engine
       2.0 I petrol engine
       2.5 I petrol engine
      2.0 I diesel engine
       3.2 I petrol engine
      models with four-wheel drive
      ⇒ Engine Current Flow Diagram
```







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

3-pin connector, connector C, on power steering control unit

T5d 5-pin connector, connector B, on power steering control unit

6-pin connector, black, in front left engine compartment

Earth point 1, on front of left longitudinal member

CAN bus (data wire)



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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:

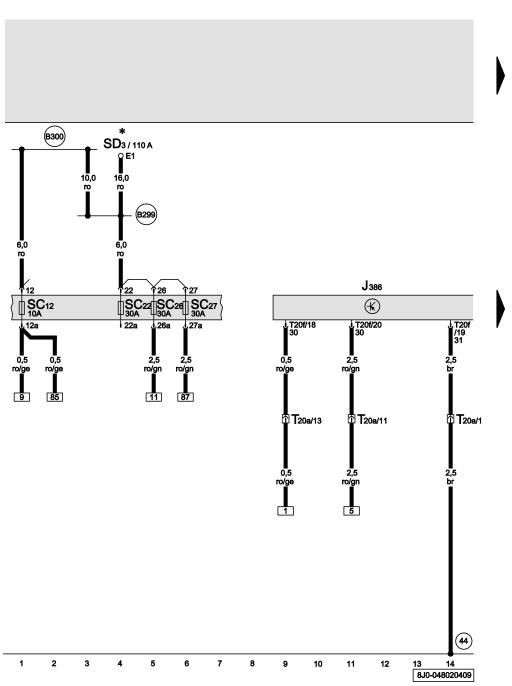
For information concerning

- ♦ 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



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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

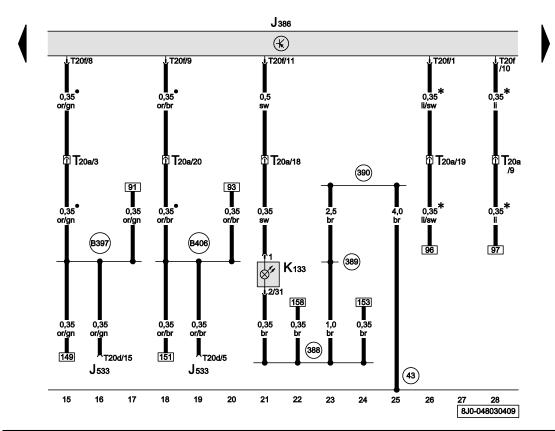


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gr = grey
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ge = yellow
or = orange
rs = pink







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
- Γ20d 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

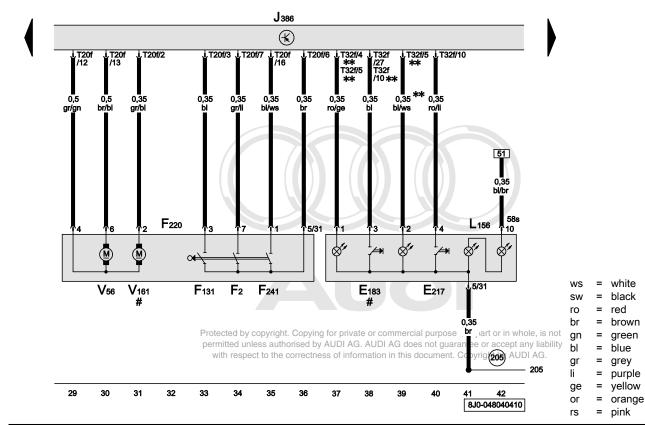


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Driver door control unit, driver side central locking lock unit, driver door contact switch, alarm system off switch, interior monitoring deactivation switch

- 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

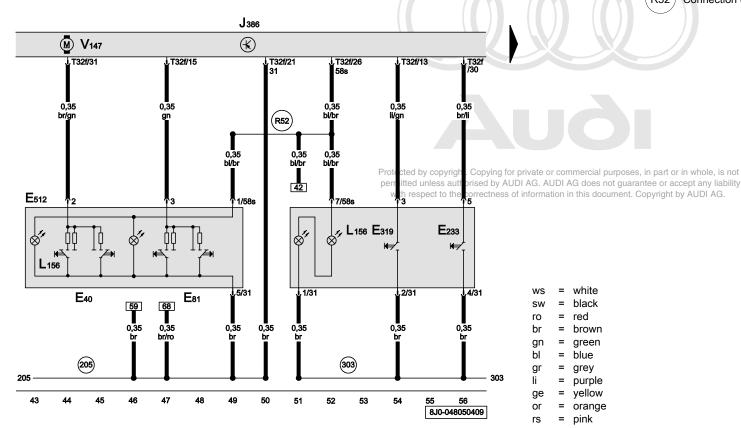
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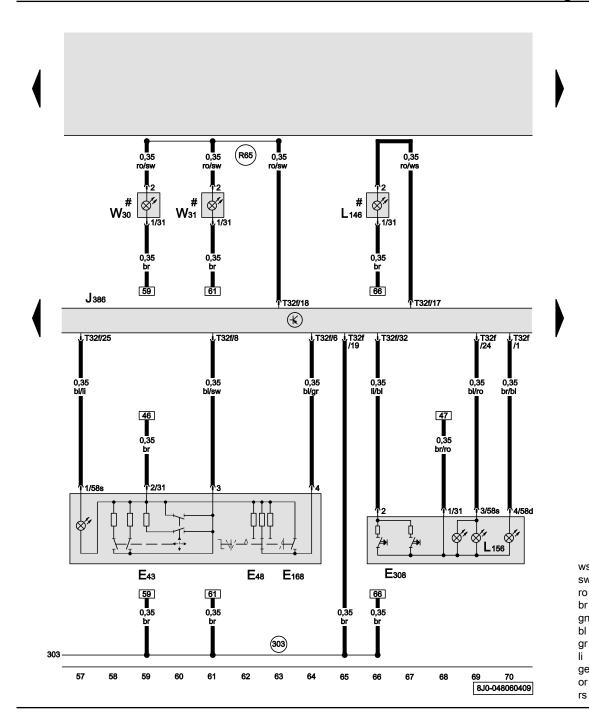




Driver door control unit, operating unit for window regulator in driver door, rear lid remote release button, front left window regulator switch, fuel tank flap release button

- 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
- (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
- 156 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)



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sw = black respect to the correctness of information in this document. Copyright by AUDI AG.

ro = red

or = brown

gn = green

ol = blue

gr = grey

i = purple ne = vellow

e = yellow r = orange

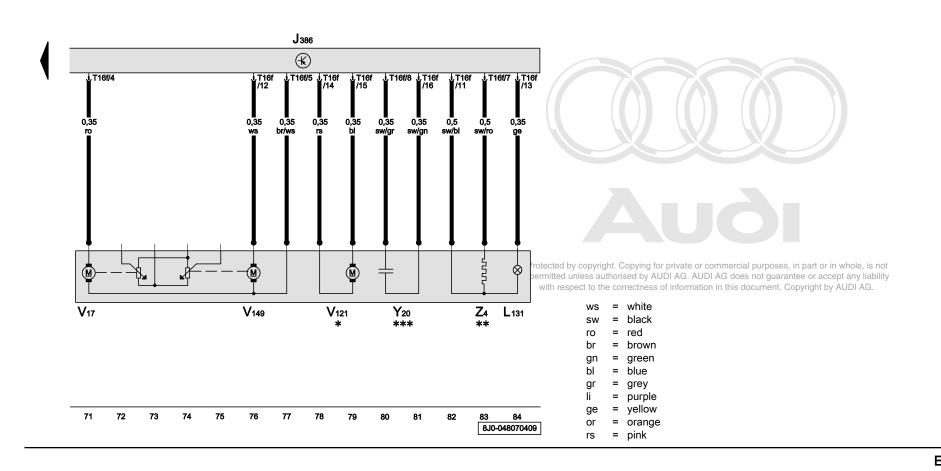
rs = pink





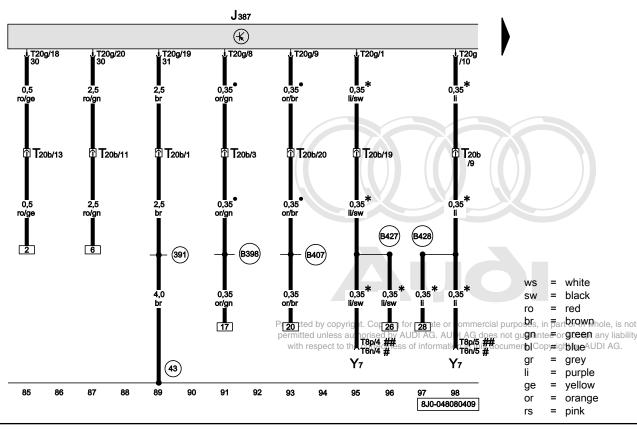
Driver door control unit, driver side exterior mirror turn signal bulb, driver side mirror adjustment motor, driver side fold-in mirror motor, driver side mirror adjustment motor, driver side automatic anti-dazzle exterior mirror, driver side anti-dazzle exterior mirror

- 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

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

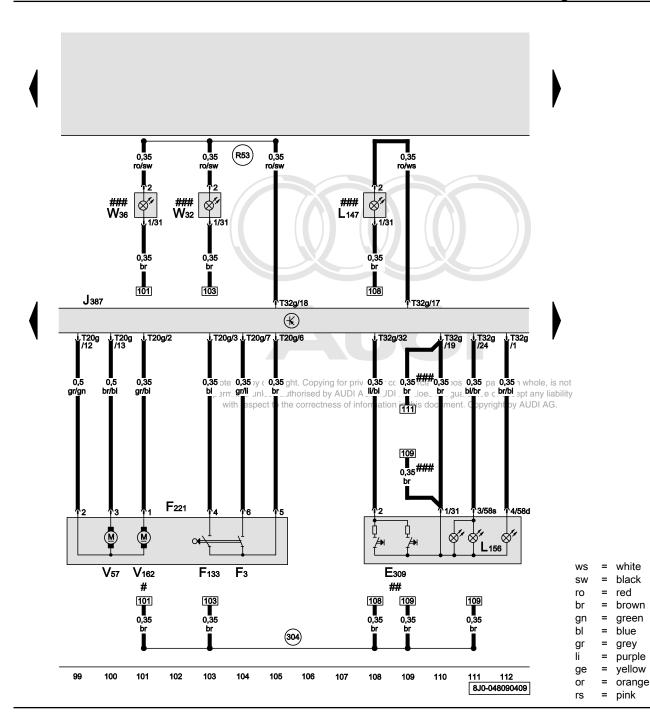
(B428) Connection 2 (mirror signal), in main wiring harness

CAN bus (data wire)

models with automatic anti-dazzle mirror

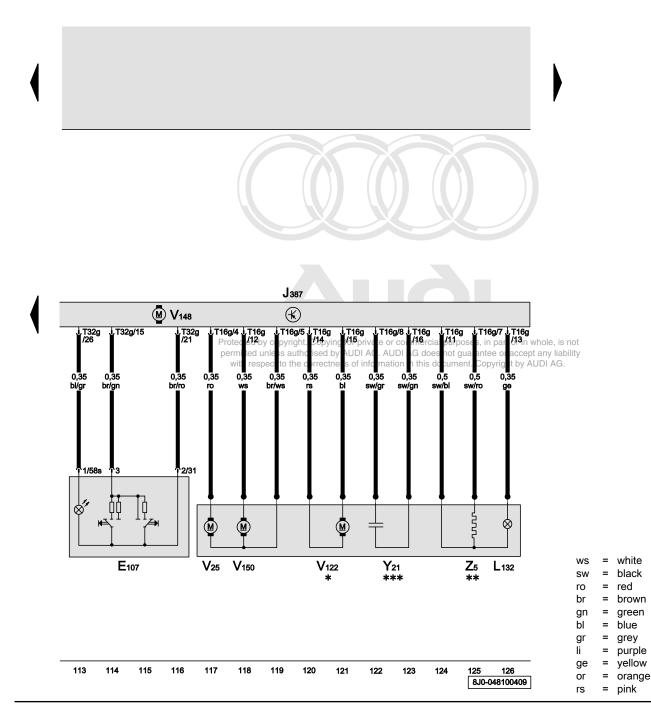
models without main beam assistant

models with main beam assistant



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 Front passenger door contact switch F133 Front right central locking actuator F221 Front passenger side central locking lock unit Front passenger side door control unit L147 Front passenger side door inner handle illumination bulb Switch illumination bulb 20-pin connector, connector A, on front passenger door control T32g 32-pin connector, connector C, on front passenger door control Front passenger door central locking motor V162 Front passenger door central locking deadlock function motor W32 Front right entry light Front passenger side door warning lamp Earth connection 3, in front passenger side door wiring harness Connection (58s), in front passenger side door wiring harness not USA only USA Models with LED equipment (QQ1)



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
- 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
- Front passenger side mirror adjustment motor
- V122 Front passenger side fold-in mirror motor
- Front passenger side window regulator motor
- Front passenger side mirror adjustment motor
- Front passenger side automatic anti-dazzle exterior mirror
- Front passenger side heated exterior mirror
- mirror with fold-in feature

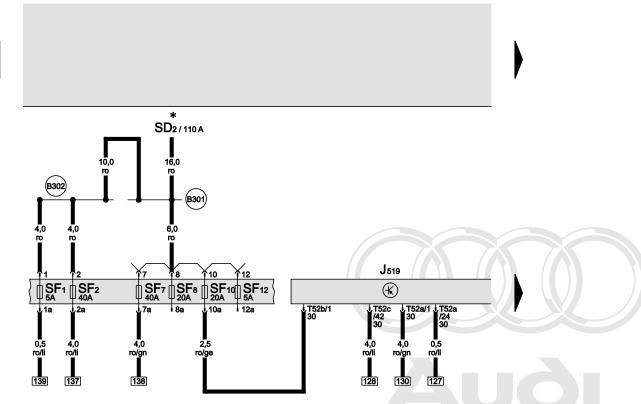
white

black

brown green blue purple

- models with mirror heating
- models with automatic anti-dazzle exterior mirror





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
Daga	Desitive assessment C (20) in major vision because
(B302)	Positive connection 6 (30), in main wiring harness

* main fuse box, in luggage compartment, rear right, on the battery

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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

Earth point, next to steering column

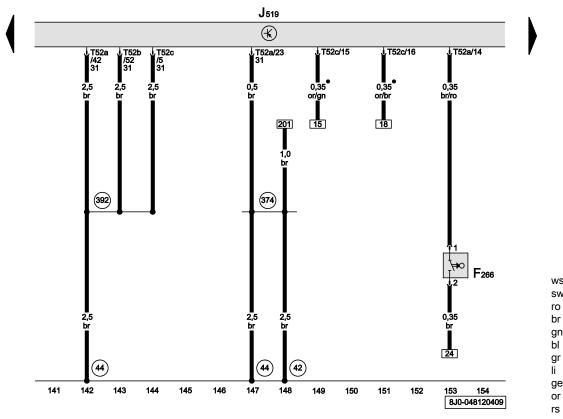
Earth point, lower part of left A-pillar

Earth connection 9, in main wiring harness

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Earth connection 27, in main wiring harness

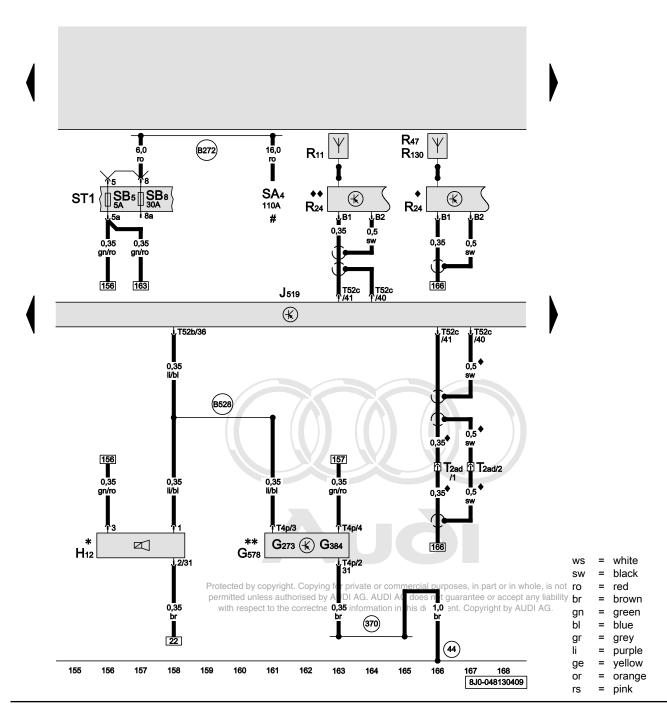
CAN bus (data wire)



= white = black = red = brown

= green = blue = grey

= purple = yellow or = orange = pink

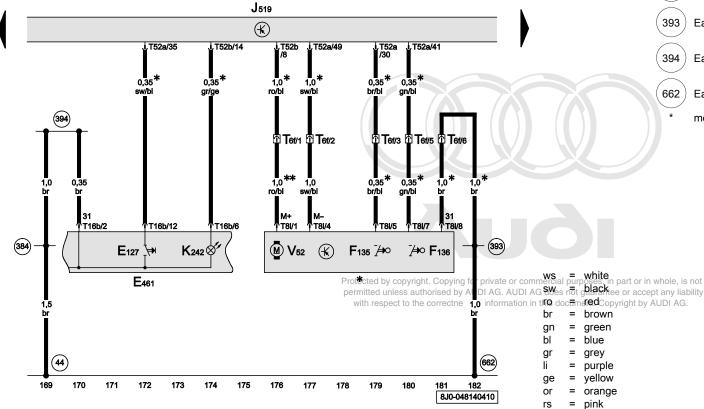


Onboard supply control unit, alarm horn, anti-theft alarm sensor, aerial amplifier

- 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
- 130 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



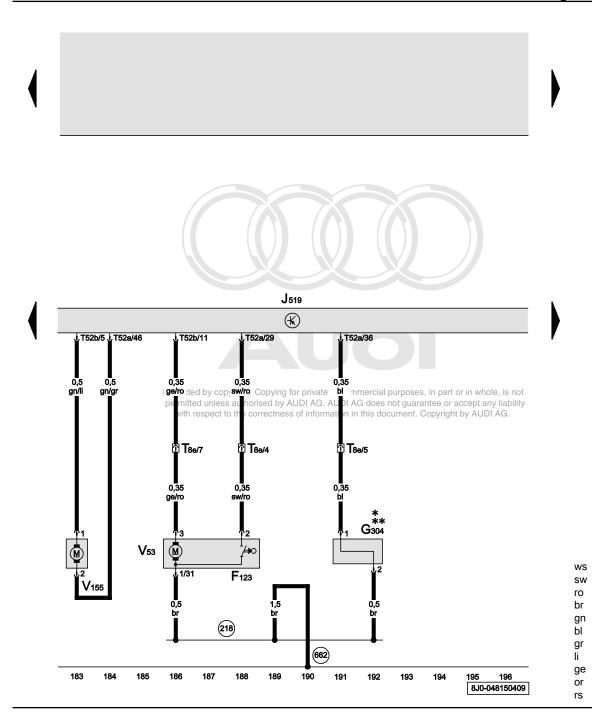




Onboard supply control unit, adjustable rear spoiler switch, rear spoiler position warning lamp, adjustable rear spoiler motor

- 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
- T8I 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





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

= white

blackredbrowngreen

= blue = grey

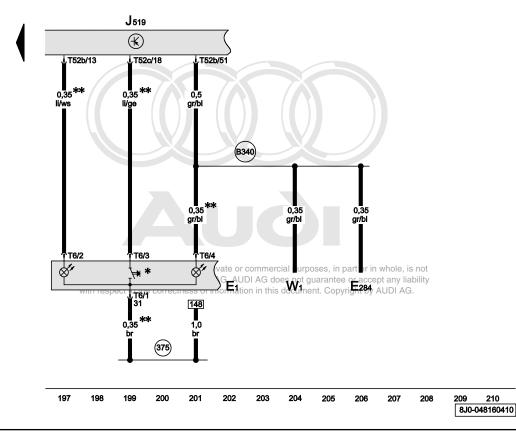
purpleyellow

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Onboard supply control unit, light switch

E1 Light switch

E284 Garage door operating unit

J519 Onboard supply control unit

T6 6-pin connector, black, connector C, on light switch

T52b 52-pin connector, yellow, on onboard supply control unit

T52c 52-pin connector, brown, on onboard supply control unit

W1 Front interior light

Barth connection 10, in main wiring harness

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

Coming Home switch

** no longer fitted, phased



Air conditioning system

- ⇒ Heater (9AA)
- ⇒ Air conditioning system (9AK) from June 2009

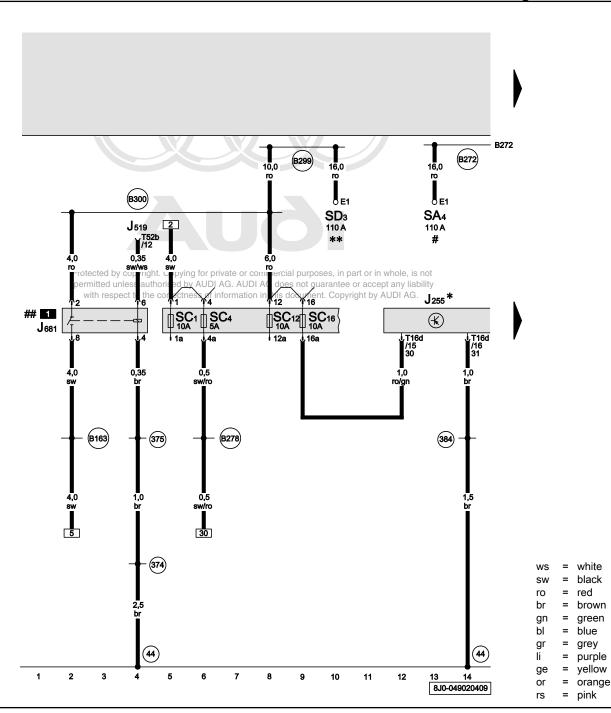
Notes:

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



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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
274	Earth connection 0 in main wiring harness

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

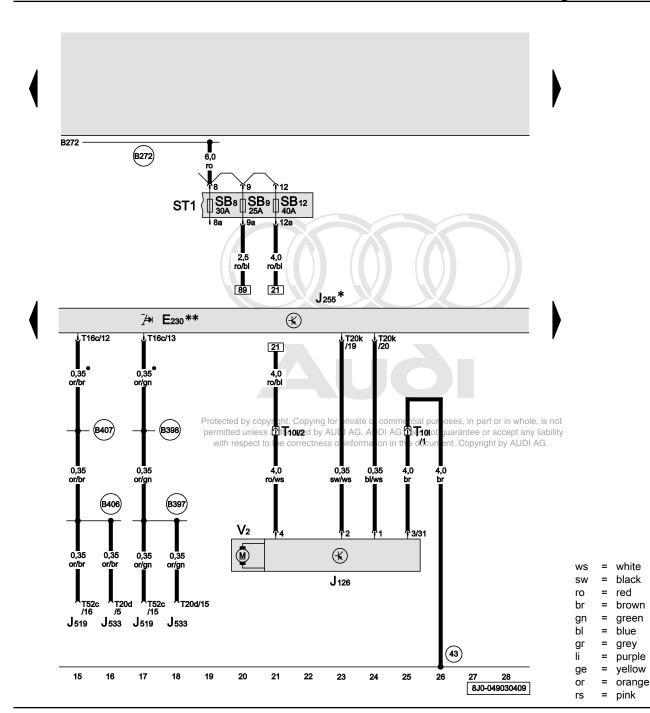
B300 Positive connection 4 (30), in main wiring harness

* 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



Climatronic control unit, fresh air blower control unit, fresh air blower

- E230 Heated rear window button
- Fresh air blower control unit
- J255 Climatronic control unit
- J519 Onboard supply control unit
- Data bus diagnostic interface
- Fuse 8 on fuse holder B
- Fuse 9 on fuse holder B SB9
- 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
- Fresh air blower
- Earth point, lower part of right A-pillar
- Positive connection (30), in main wiring harness
- Connection 1 (convenience CAN bus, high), in main wiring (B397
- Connection 2 (convenience CAN bus, high), in main wiring B398 harness
- Connection 1 (convenience CAN bus, low), in main wiring B406
- Connection 2 (convenience CAN bus, low), in main wiring B407
 - CAN bus (data wire)

brown

blue grey

purple

- Operating unit for air conditioning
- Operation for heated rear window via CAN bus, heated rear window ⇒ CFD basic equipment



(K)

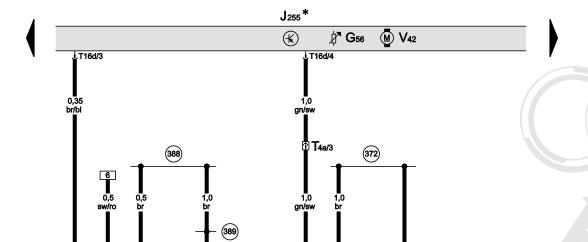
30

31

32

G65**





** N₂₈₀

390

(43)

₫ T4a/4

37

38

366

672

42

8J0-049040409

39

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)

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gn = green ol = blue

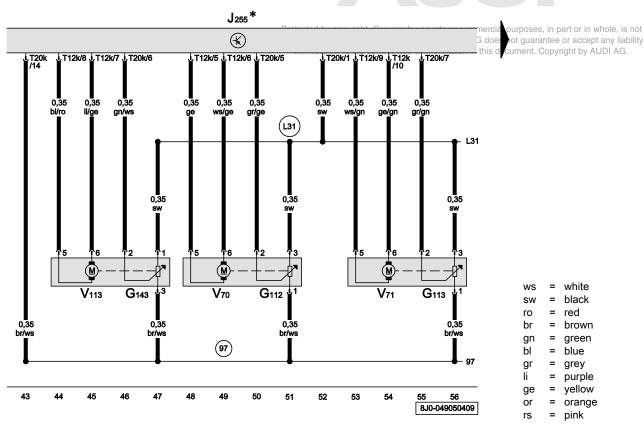
gr = grey li = purple

e = yellow r = orange s = pink



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
- Climatronic control unit
- T12k 12-pin connector, connector A, on Climatronic control unit
- T20k 20-pin connector, connector B, on Climatronic control unit
- Central flap control motor
- Air flow flap control motor
- V113 Air recirculation flap control motor
- Earth connection 1, in air conditioning system wiring harness
- Connection (5V), in air conditioning system wiring harness
 - Operating unit for air conditioning

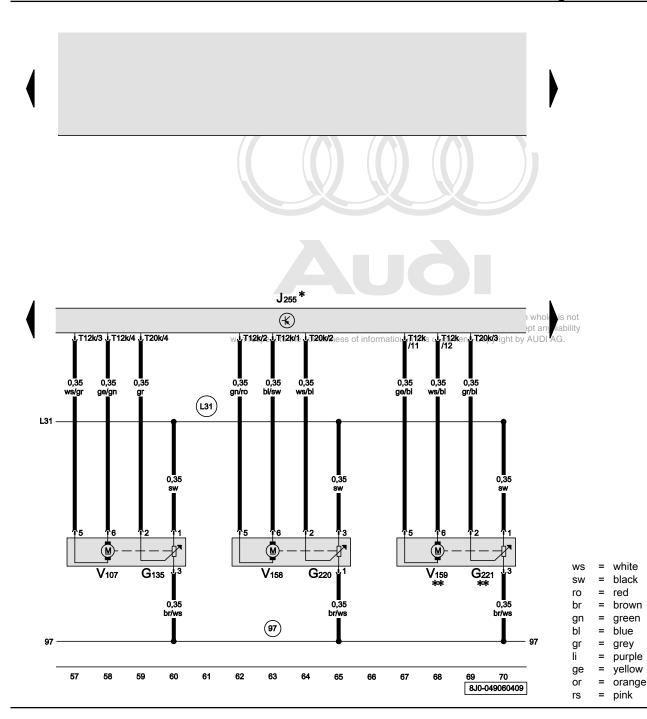


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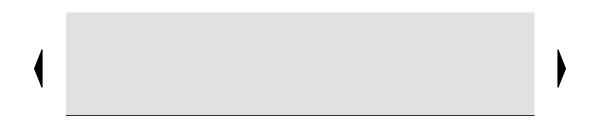
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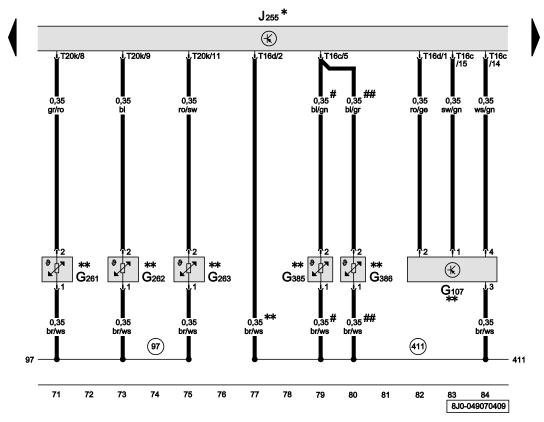


Climatronic control unit, potentiometer for defroster flap control motor, potentiometer for left temperature flap control motor, potentiometer for right temperature flap control motor

- 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
- /107 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)







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

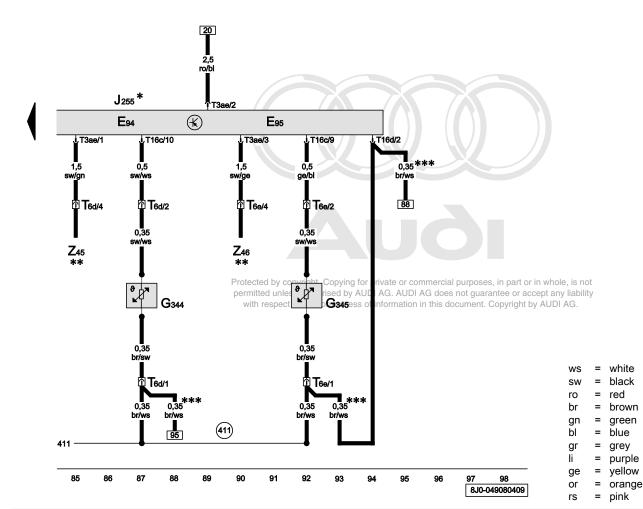
- G107 Sunlight penetration photosensor
 G261 Left footwell vent temperature sender
 G262 Right footwell vent temperature sender
 G263 Evaporator out-flow temperature sender
 G385 Front left chest vent temperature sensor
 G386 Front right chest vent temperature sensor
 J255 Climatronic control unit
 T16c 16-pin connector, brown, connector C, on Climatronic control unit
 T16d 16-pin connector, black, connector D, on Climatronic control unit
- 97 Earth connection 1, in air conditioning system wiring harness
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T20k 20-pin connector, connector B, on Climatronic control unit

- wi(49°P) of Earth complection 2 (sender learth), in main wining harness AG.
 - * 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

16d 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



CAN bus wiring

from June 2009

Notes:

For information concerning

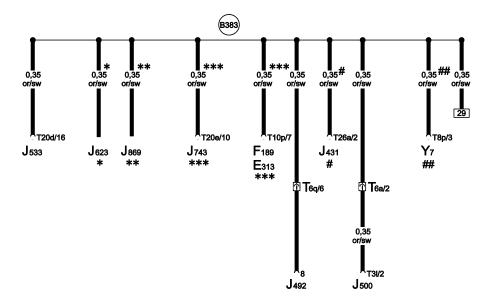
- ♦ Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
- ⇒ List of Fitting Locations! For information concerning
- ♦ Fault Finding Programs
- ⇒ guided fault finding



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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
- T3I 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
- Automatic anti-dazzle interior mirror

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

- ⇒ Engine Current Flow Diagram
- 2,0 I diesel engine
- models with direct shift gearbox
- models with automatic headlight range control and cornering
- models with main beam assistant



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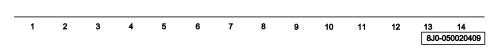
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purple

= yellow

= orange or

= pink



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br

or

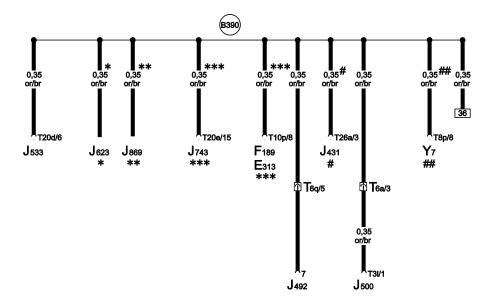
bluegreypurpleyellow

= orange

= 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
- 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

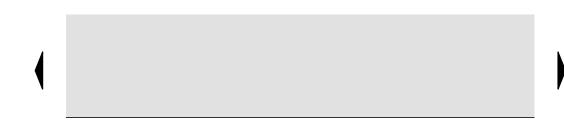
- * ⇒ Engine Current Flow Diagram
- ** 2,0 I diesel engine
- *** models with direct shift gearbox
- # models with automatic headlight range control and cornering light
- ## models with main beam assistant

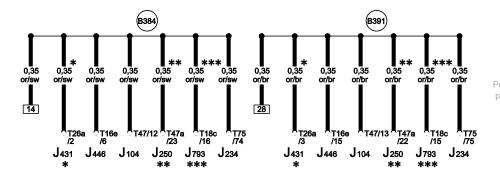


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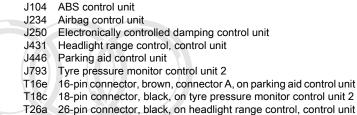
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Drive train CAN bus, high 2, drive train CAN bus, low 2



T47 47-pin connector, on ABS control unit
 T47a 47-pin connector, on electronically controlled damping control

T75 75-pin connector, yellow, on airbag control unit

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

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rmitted unless authorised by AUDI AG AUDI AG does not quarantee or accept any liability with respect to the correctness of information models with manual authoristic headlight range control without cornering light.

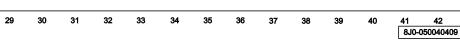
** models with electronically controlled damping

*** models with tyre pressure monitor

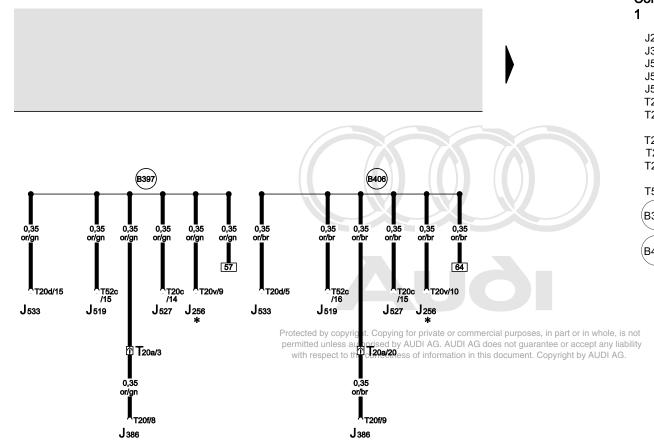
bl gr li — ge g blackredbrowngreenbluegreypurpleyellow

= orange

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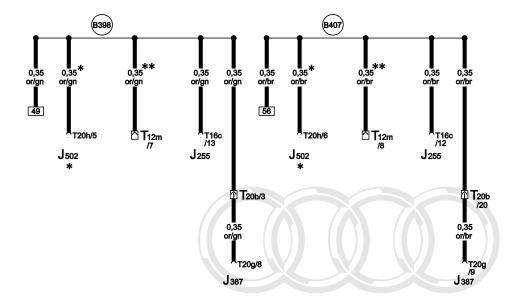
Convenience CAN bus, high 1, convenience CAN bus, low

- J256 Convertible roof actuation control unit
 - 1386 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







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br = brown
gn = green

bl = blue gr = grey li = purple ge = vellow

ge = yellow or = orange rs = pink

69 70 8J0-050060409

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

J255 Climatronic control unit

387 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

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



71

72

73

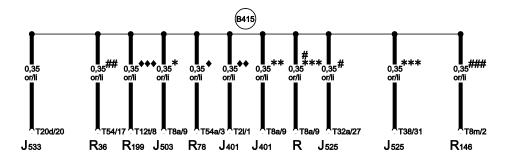
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Infotainment CAN bus, high 1

- J401 Navigation system with CD drive control unit
- Control unit with display for radio and navigation system
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- R Radio
- Telephone transmitter and receiver unit
- TV tuner R78
- 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
- 38-pin connector, black, on digital sound package control unit
- 54-pin connector, connector A, on telephone transmitter and
 - receiver unit
- T54a 54-pin connector, on TV tuner
- 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
- Protected by cop♠ight. models with TV tuner mercial purposes, in part or in whole, is not permitted unles♦♦ithormodels With navigation system gapane (704) cept any liability with respect ♦♦♦♦ models with Audi Music Interface (UF7) right by AUDI AG.

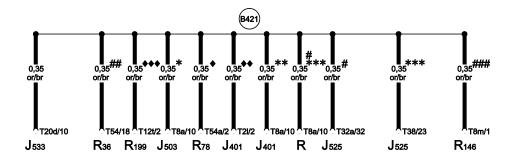
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81
       82
                      84
               8J0-050070409
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= black = red = brown = green = blue = grey = purple = yellow = orange or = pink

= white







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)

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Power operated convertible top

- ⇒ Electric windbreak
- \Rightarrow Heated rear window

from June 2009

Notes:

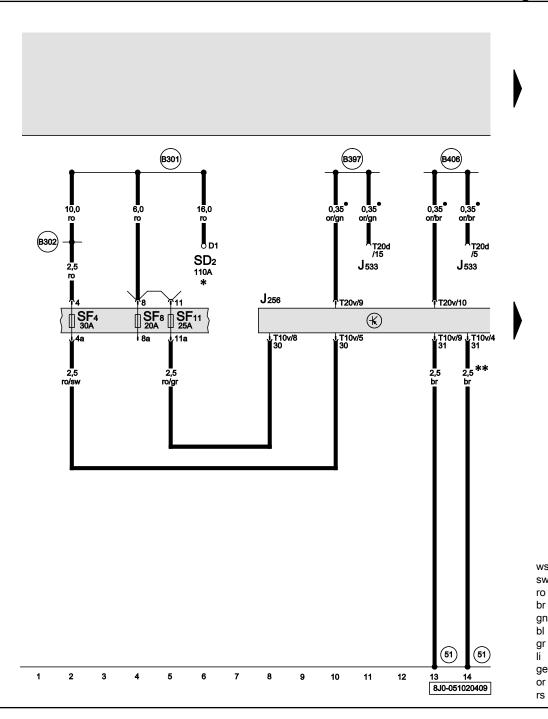
For information concerning

- ♦ 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



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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

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

CAN bus (data wire)

whiteblackredbrowngreenbluegrey

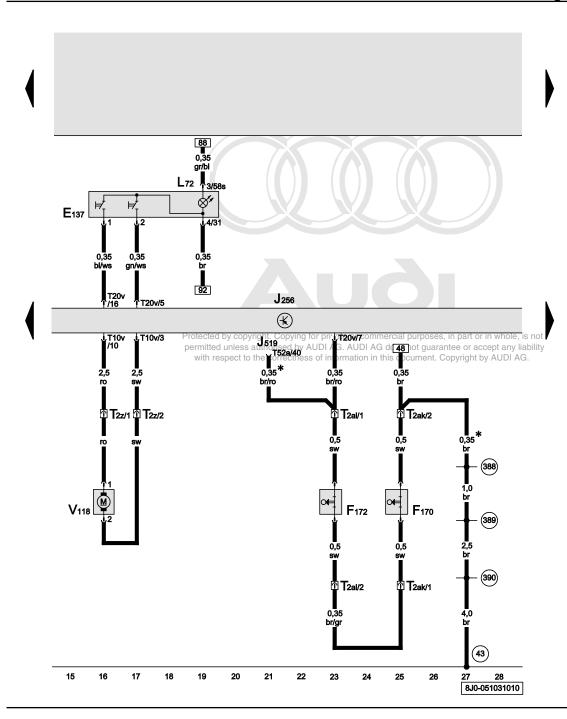
purpleyellow

= orange

= pink

* main fuse box, in luggage compartment, rear right, on the battery

** manual convertible roof actuation



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

white black

= orange

= pink

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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

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J₂₅₆ **(K)** LT10v/1 LT10v/2 /120v /12 T20v/13 T20v/18 ,T20v /17 0,35 br/li 0,35 0,35 0,35 bl/ge bl/gr ro/gn ₫ T10c ₫ T10c/8 ₫ **T**10c/6 ₫ T10c/9 ₫ **T**10c ₾ T10c/7 0,5 bl/ro ₫ **T**4w /3 ₾ T4w/2 ₫ T4w/4 1,5 br V₂₂₃ ' F294 12 F₂₉₅ F295 F171 1,5 202 30 31 35 37 39 40 42 8J0-051041010

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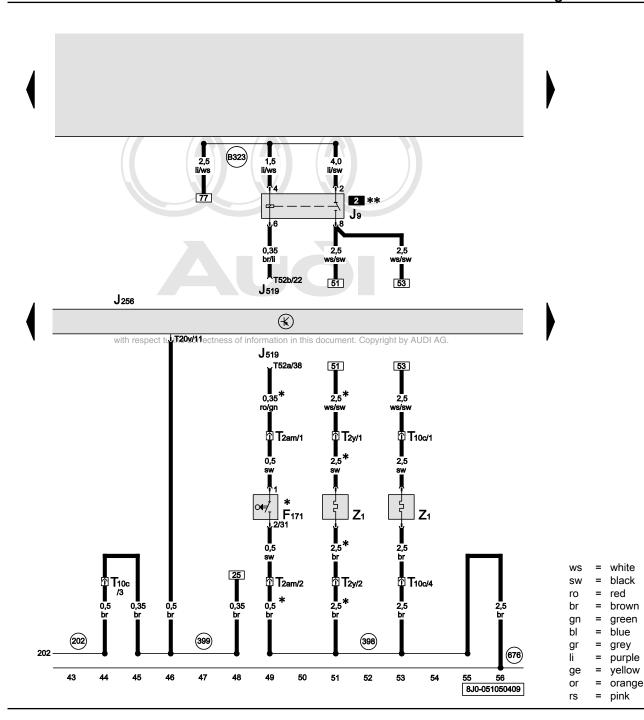
 li
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Convertible roof actuation control unit, convertible roof stowed switch, heated rear window

- F171 Convertible roof stowed switch
 - 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
- Heated rear window
- 202 Earth connection, in convertible roof wiring harness
- Earth connection 33, in main wiring harness
- Earth connection 34, in main wiring harness
- Earth point 2, on left in luggage compartment
- Positive connection 9 (30a), in main wiring harness
 - manual convertible roof actuation

white

brown green

grey purple 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

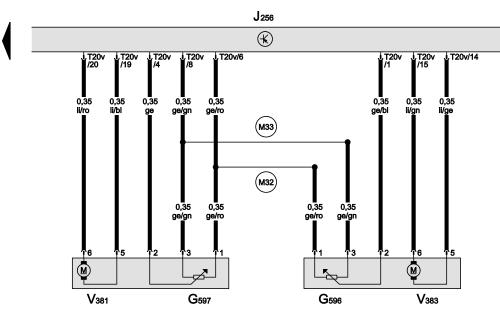
T20v 20-pin connector, red, connector B, on convertible roof actuation control unit

V381 Right convertible top cover motor

V383 Left convertible top cover motor

32) Connection 1, in roof actuation wiring harness

Connection 2, in roof actuation wiring harness



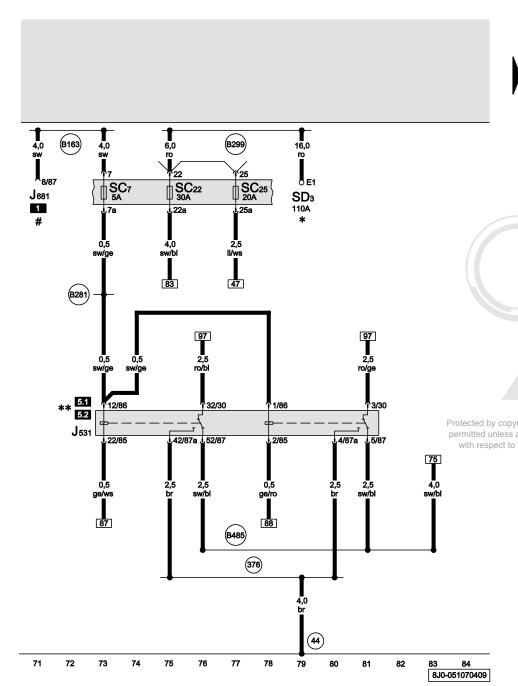
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Electric windbreak

- 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
- 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

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blackredbrowngreenbluegrey

purpleyellow

= orange

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rs

whiteblackredbrowngreenbluegrey

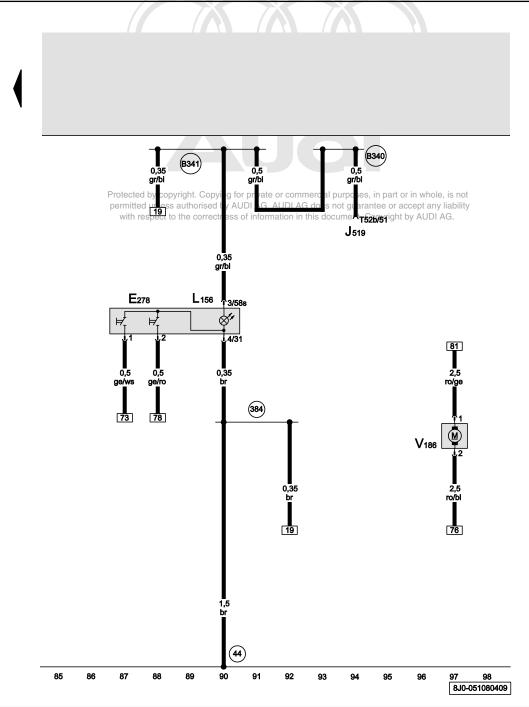
= purple = yellow

= orange

= pink

or

rs



Electric windbreak

E278 J519	Cabrio windbreak switch Onboard supply control unit
	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



Rear parking aid

from June 2009

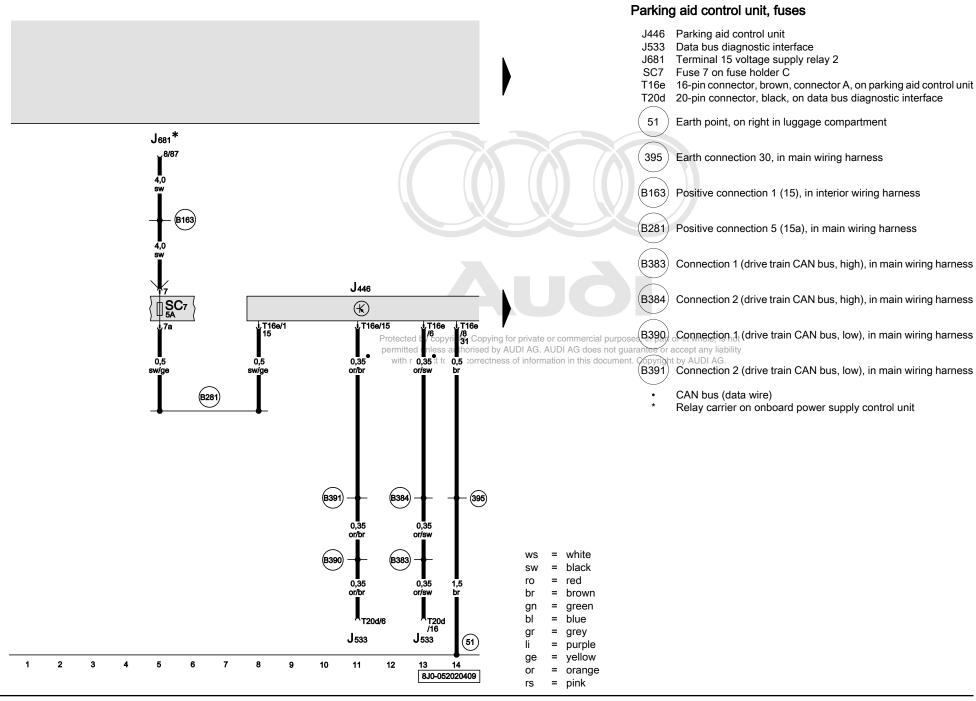
Notes:

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







= yellow

= orange

= pink

or



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23



H15 br/ro ge/ro J446 T16e/2 ↑T16e/10 (/112I //11 ↓T12l/5 ↓T12l/8 ↓T12I/3 T121/2 T12I/4 0,35 ro 0,35 bl/li 0,35 br/ro 0,35 bl/ge 0,35 bl/ws (w3) (W80) 0,35 br/ro 0,35 ro 0,35 ro 0,35 br/ro 0,35 ro br/ro br/ro ₹з 72 72 Prot (3) ying for private or commercial purposes, in part or in whole, is not peri by AUDI AG. AUDI AG does not guarantee or accept any liability 0 0 0 0 tness of information in this document. Copyright by AUDI AG. = white G₂₀₃ G₂₀₄ G₂₀₅ G₂₀₆ = black = red = brown = green = blue = grey = purple

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G203 Rear left parking aid senderG204 Rear centre left parking aid sender

G205 Rear centre right parking aid sender

G206 Rear right parking aid sender

H15 Rear parking aid warning buzzer

J446 Parking aid control unit

T12I 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

(80) Connection 2, in rear wiring harness



Haldex coupling with four-wheel drive

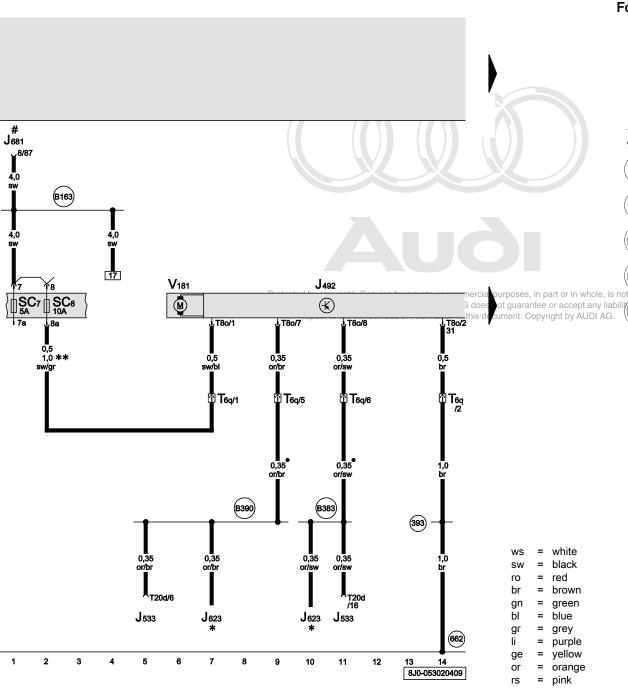
from June 2009

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





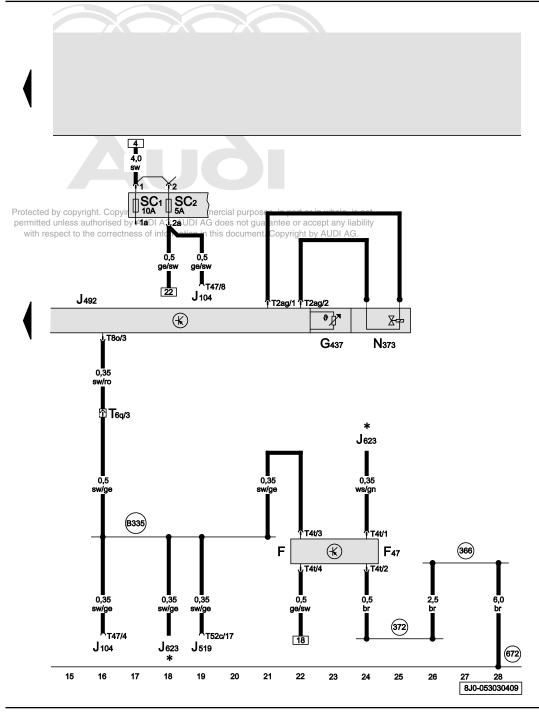
Four-wheel drive control unit, haldex coupling pump, fuses

- 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
- 80 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
 - Connection 1 (drive train CAN bus, low), in main wiring harness
 - CAN bus (data wire)

B390

- * ⇒ Engine Current Flow Diagram
- * according to the equipment
- # 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
- Γ6q 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
- ig(672 ig) Earth point 2, on front of left longitudinal member
- (B335) Connection 1 (54), in main wiring harness
- * ⇒ Engine Current Flow Diagram

= white

= black
= red

browngreen

= blue

= grey

purpleyellow

= orange

= pink

or



Headlight for gaseous discharge light (Bixenon) and automatic headlight range control from June 2009

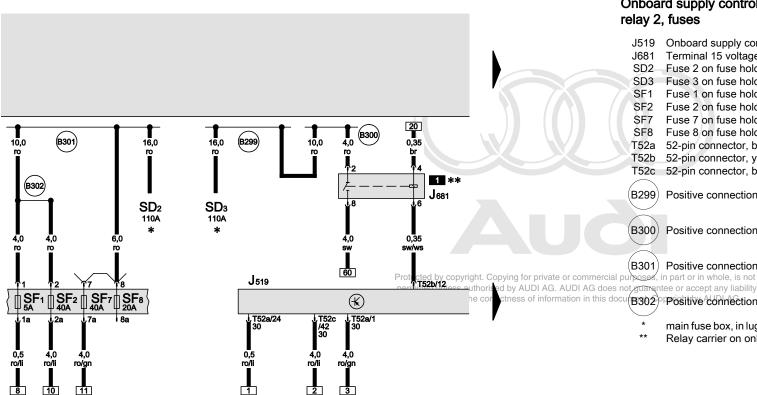
Notes:

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







10

11

12

14

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

- J519 Onboard supply control unit Terminal 15 voltage supply relay 2 SD2 Fuse 2 on fuse holder D SD3 Fuse 3 on fuse holder D Fuse 1 on fuse holder F Fuse 2 on fuse holder F Fuse 7 on fuse holder F SF8 Fuse 8 on fuse holder F 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

= white = black = red = brown = green = blue = grey = purple = yellow = orange or = 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

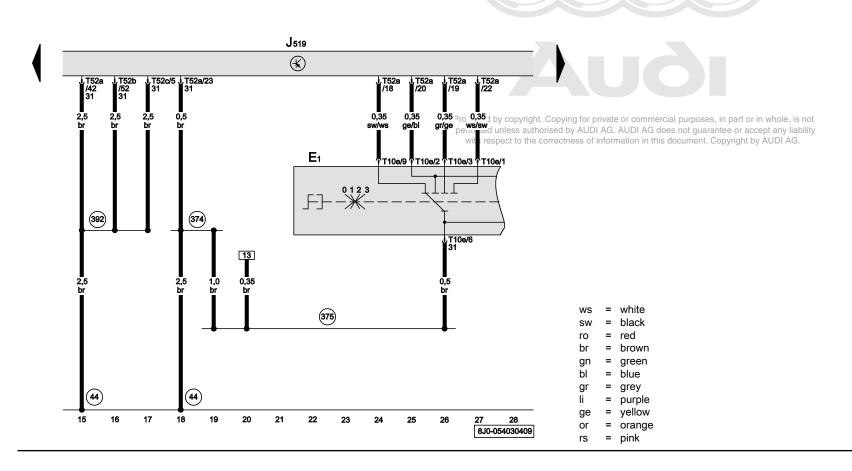
T52c 52-pin connector, brown, on onboard supply control unit

(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





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J519 **(K)** T52a/10 T52a/11 T52c/48 ,T52a/7 T52c/26 64 66 0,5 gr/sw 1,0 ge/sw 0,35 gn/br 0,35 gr/li sw/ws T14a 7/10 T14a T14a/6 ⁷T14a/9 T14a/11 T14a/1 T14a/2 T14a/3 T14a/4 L13 N395 L174⊗ <u>M</u> **(K)** ⊗ M₁ ⊗ M₃₃⊗ M₅ J343 V48 T14a/7 T14a/5 (366) (372) 672 37 39 40 42 8J0-054040409

= red = brown = green = blue = grey = purple = yellow

or

= white = black

= orange

= 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 Left side light bulb

Front left turn signal bulb Front left side marker bulb M33

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 52-pin connector, brown, on onboard supply control unit

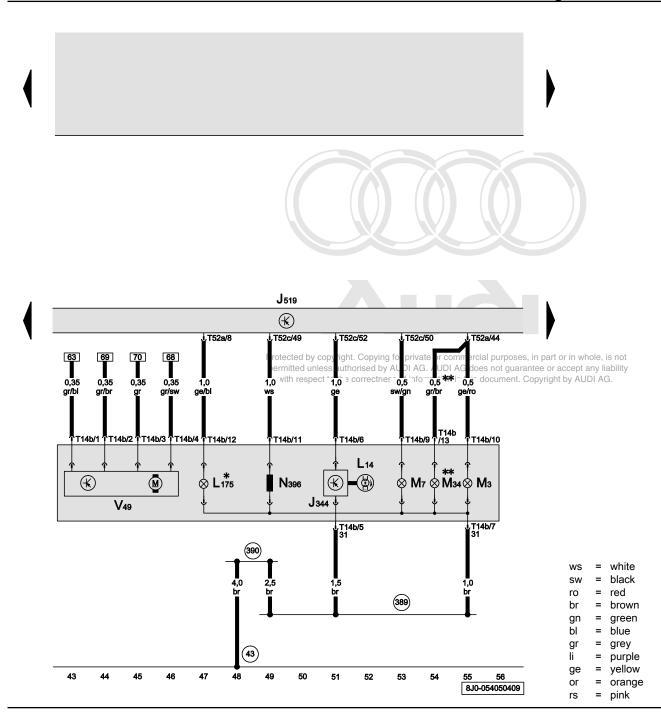
366 Earth connection 1, in main wiring harness

Earth connection 7, in main wiring harness

Earth point 2, on front of left longitudinal member

models with day driving light

only USA



Onboard supply control unit, right gas discharge light control unit

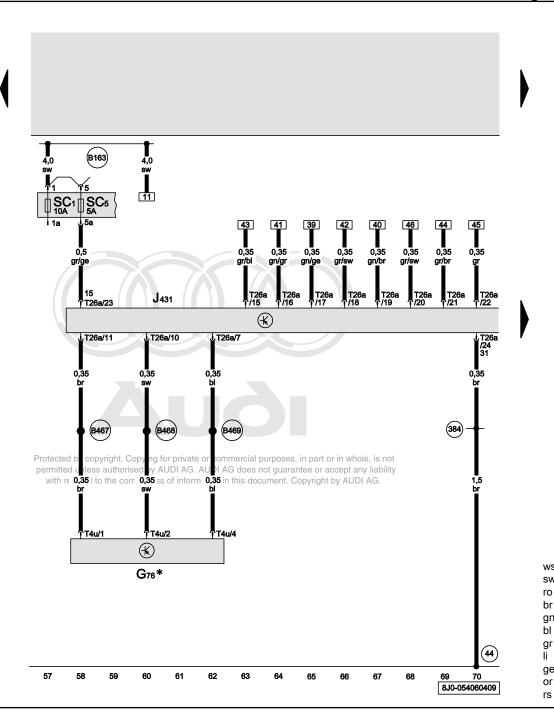
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- N396 Right headlight screen adjustment solenoid
- 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

= white

blackredbrowngreenbluegreypurpleyellow

= orange

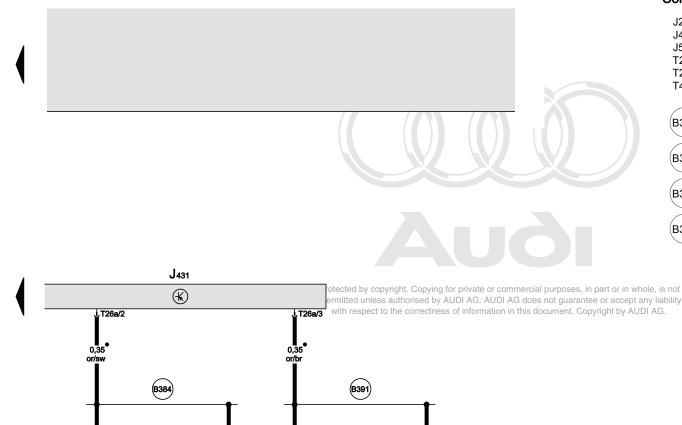
= pink



Headlight range control, control unit, rear left vehicle level sender

- G76 Rear left vehicle level senderJ431 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





0,35 or/sw

J₂₅₀

76

77

(B383)

T20d/16

74

75

0,35 or/sw

J533

72

71

T47a/23

0,35 or/br

0,35 or/br

J533

78

T20d/6

79

(B390)

0,35 or/br

J₂₅₀

82

84

8J0-054070409

81

T47a/22

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
- 20d 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
- (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

whiteblack

= red



Headlight for gaseous discharge light (Bixenon), cornering light and automatic headlight range control from June 2009

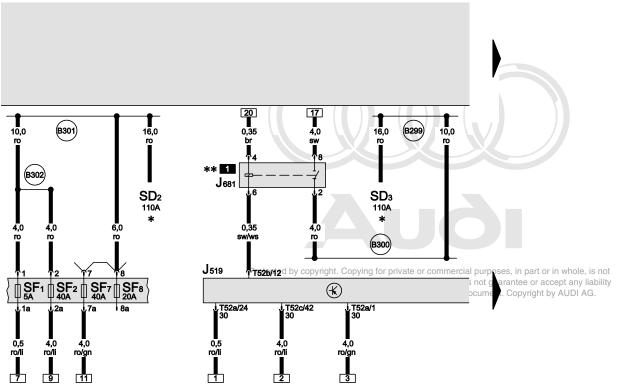
Notes:

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







10

11

12

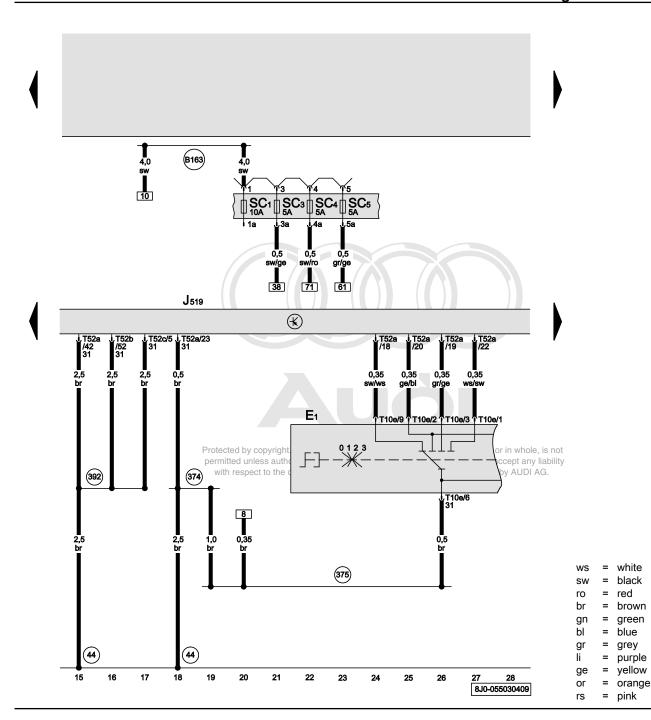
14

8J0-055020409

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

- J519 Onboard supply control unit Terminal 15 voltage supply relay 2 SD2 Fuse 2 on fuse holder D Fuse 3 on fuse holder D Fuse 1 on fuse holder F Fuse 2 on fuse holder F Fuse 7 on fuse holder F SF8 Fuse 8 on fuse holder F 52-pin connector, black, on onboard supply control unit 52-pin connector, yellow, on onboard supply control unit 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 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

Ji iboui	ra capply control and, light civiton
E1 J519	Light switch 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





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 ected by copyright. Copying for private or commercial purposes, in part or in whole, is not nitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability

- ifted unless aumonsed by AUDI AG. 2020 to 1000 line 3 Convergint by AUDI AG respect to the correctness of infor(nature) his respect to the correctness of infor(nature) his Earth point 2, on front of left longitudinal member
 - * models with day driving light
 - ** only USA

			J ₅₁₉						F
			€						
0,5 0,5 ** 0,5 gr/sw gr/li sw/ws ge	↓T52a/7 1,0 * e/gn ↑T14a/12				21 0,5 sw/ge	1,0 ge/sw	1,0 ws/sw	/48	
	V48	↓1 ↑27 ↓1 ↑4) †24 †: †24 †:	00 <u>†21</u> ↓ ↓5	†31 K L13	Ŷ 5		∮ 15	
1,0 br	2,5 br	366	6,0 br	(3	72)		1,0 ws/sw	31	T14a /14 31 1,0 br
29 30 31 3	32 33	34	35 36	37	38	39	40	41 8J0-0550	42 040409

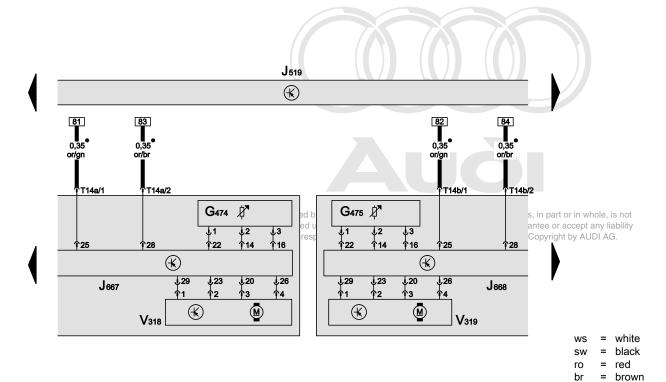
ws = white sw = black ro = red br = brown

gn = green bl = blue gr = grey

i = purple ge = yellow or = orange rs = pink







51

52

53

54

56

8J0-055050409

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)

= green = blue = grey = purple = yellow

= orange

= pink

or

= white

= black

= red = brown = green

= blue = grey

purpleyellow

= orange

= pink

or





J519 **(K)** /T52c T52c/52 T52a/8 JT52c/50 1,0* ge/bl 0,5 gr/ro 59 sw/gn gr/br T14b ↑T14b/9 ↑/13 ↑/10 T14b 1/12 T14b/6 T14b/4 (K) **(M**) V49 ↓3 ↑30 ↓4 ↑21 J668 124 **∱27 †31** L₁₇₅ \otimes M₇ \otimes M₃₄ \otimes M₃ \otimes **K** ↓4 ↑2 √3 V₂₉₅ √1 L14 **(K)** J344 T14b/5 T14b 31 /14 31 T14b/11 ,T14b/7 390 59 (389) (43) 67 68 70 8J0-055060409

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

77 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

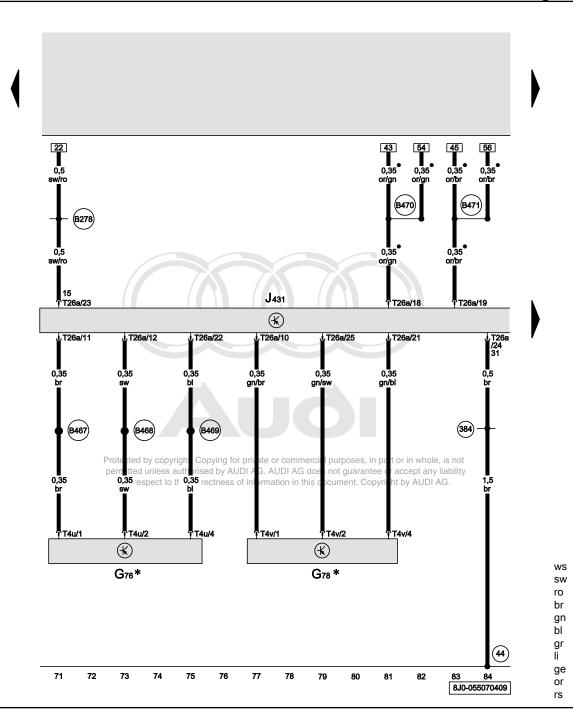
43 Earth point, lower part of right A-pillar

(389) Earth connection 24, in main wiring harness

(390) Earth connection 25, in main wiring harness

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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)

= white

blackredbrowngreenbluegreypurpleyellow

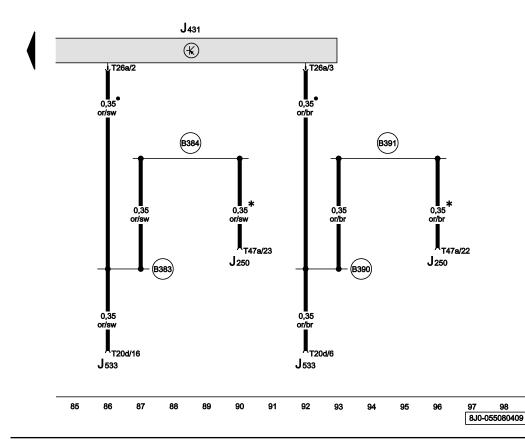
= orange

= pink

not for electronically controlled damping







Control unit for headlight range control, CAN bus wiring J250 Electronically controlled damping control unit

Headlight range control, control unit

J533 Data bus diagnostic interface

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

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

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

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

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

CAN bus (data wire)

models with electronically controlled damping



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= white



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

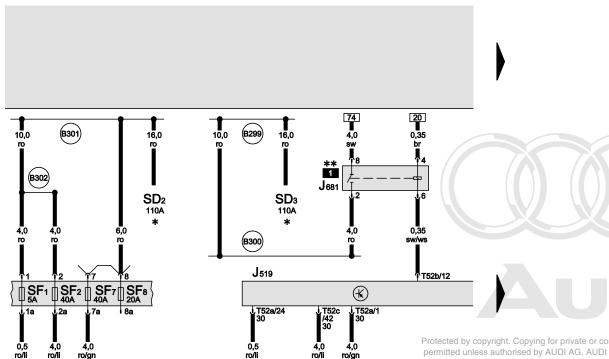


ro/gn

[11]

8

10



ro/li

2

ro/gn

3

11

12

14

8J0-056020409

ro/li

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
       Fuse 1 on fuse holder F
SF2 Fuse 2 on fuse holder F
       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
       Positive connection 4 (30), in main wiring harness
       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
```

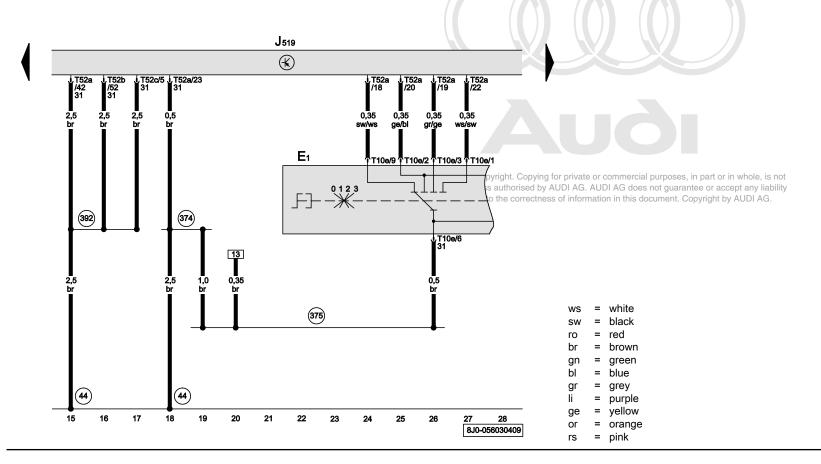
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> = white = black = red = brown = green = blue = grey = purple = yellow or = orange = pink



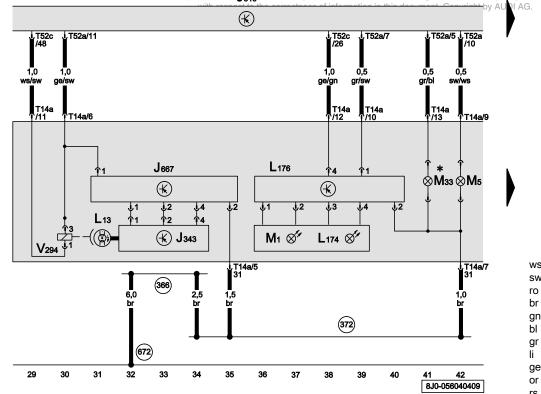
Onboard supply control unit, light switch

- 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
- OZ pin connector, brown, on onboard supp
- (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





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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

white

= black

redbrowngreen

= blue = grey

purpleyellow

= orange

= pink

= white = black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or





J519 (**) | 79 | 81 | 78 | 80 | 77 | 83 | 84 | 82 | 82 | 83 | 84 | 82 | 83 | 84 | 82 | 83 | 84 | 82 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 48 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83 | 84 | 83

51

53

54

56

8J0-056050409

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







J519 **(K)** /T52c /50 152c 1/46 T52a JT52a/8 /T52c /52 ,T52c /49 1,0 ge 1,0 gr/bl ge/bl gr/ro ws T14b T14b T14b/6 7/11 ↑T14b/9 ↑/13 ∯M₇ L₁₇₇ J668 **K** (K) **†**2 Мз ⊗″ L175 🚿 J344 (K) T14b/5 T14b/7 390 389 **43** 65 66 67 68 70 8J0-056060409

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

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

= white

= black

= brown

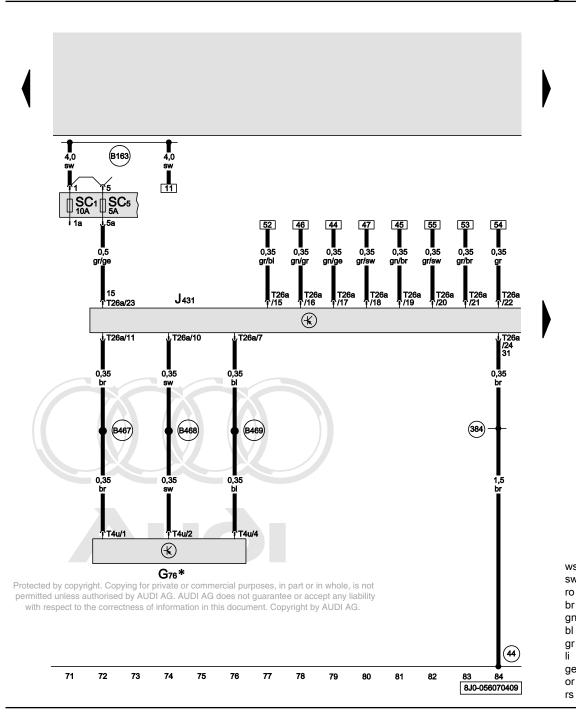
= green = blue = grey = purple = yellow

= orange

= pink

= red





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

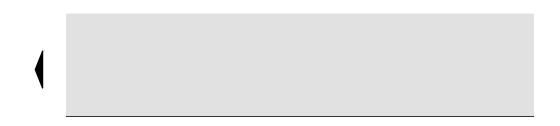
 SC5 Fuse 5 on fuse holder C

 T4u 4-pin connector, black, on rear left vehicle level sender

 T26a 26-pin connector, black, on headlight range control, control unit

 Earth point, lower part of left A-pillar

 S84 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



J431 **K** T26a/2 T26a/3 0,35 or/br 0,35 or/sw B384 **B391** 0,35 or/br 0,35 or/sw 0,35 or/br T47a/23 T47a/22 J250 J₂₅₀ (B390) 0,35 or/sw 0,35 or/br T20d/6 T20d/16 J533 J533 91 92 95 8J0-056080409

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

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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

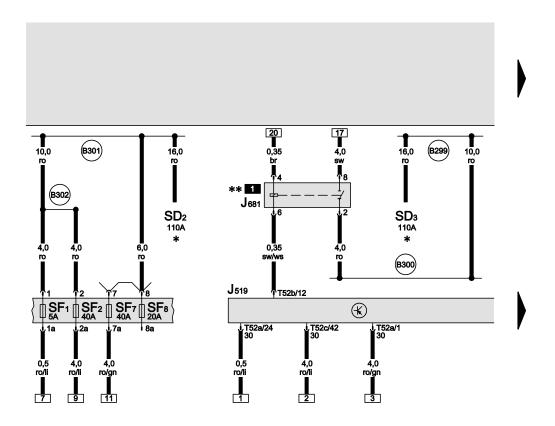
Notes:

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







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
 T52c 52-pin 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

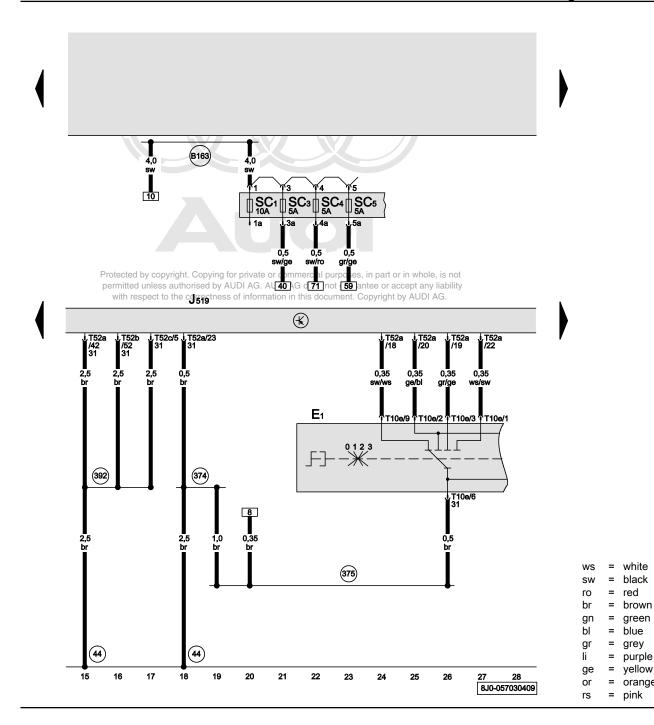
```
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink
```

= white

= black = red = brown = green = blue = grey

= purple

= orange

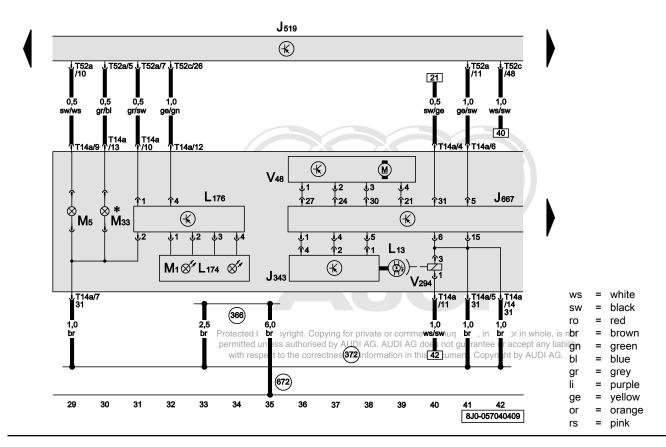


Onboard supply control unit, light switch

Light switch
Onboard supply control unit
Fuse 1 on fuse holder C
Fuse 3 on fuse holder C
Fuse 4 on fuse holder C
Fuse 5 on fuse holder C
10-pin connector, black, connector A, on light switch
52-pin connector, black, on onboard supply control unit
52-pin connector, yellow, on onboard supply control unit
52-pin connector, brown, on onboard supply control unit
p,,,
Earth point, lower part of left A-pillar
5 " " " " " " " " " " " " " " " " " " "
Earth connection 9, in main wiring harness
Earth connection 10, in main wiring harness
Latti connection 10, in main willing namess
Earth connection 27, in main wiring harness
,
Positive connection 1 (15), in interior wiring harness







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





J519 **(K)** 0,35 or/br 84 0,35 or/br ₹T14b/1 T14b/2 ŢT14a/1 T14a/2 G474 G475 **J**2 ↓3 125 J667 14 J668 **†22 †**16 125 **†28** ((K) ↓20 ↑3 ↓23 ↑2 ↓20 ↑3 ↓23 ↑2 **J**26 **J**26 <u>M</u> **M (**K) **(K)** V318

51

53

54

56

8J0-057050409

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)

whiteblack

= red

= brown = green

blue

greypurpleyellow

= orange

= pink

sw ro

br

or

rs



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T14b/7

1,0 br

70

8J0-057060409

white

= black

= brown

= green

= blue = grey

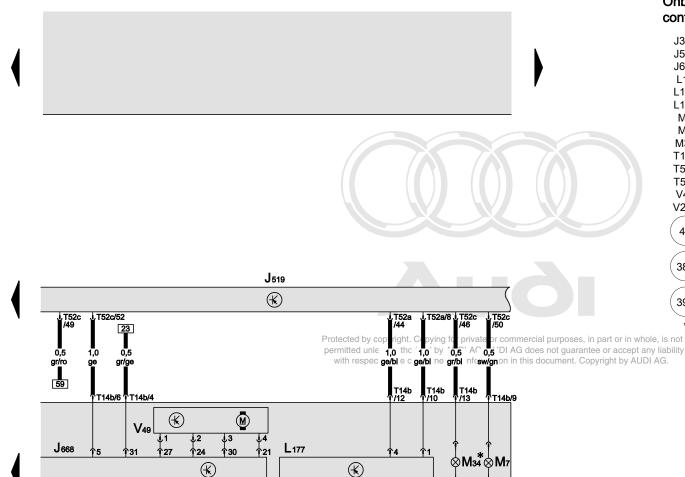
or

purpleyellow

= orange

= pink

= red



Мз ⊗″

390

65

L175 ⊗″

(43)

67

68

↓4 ↑2 ★ J344

(389)

V₂₉₅

T14b/11

gr/ro 57

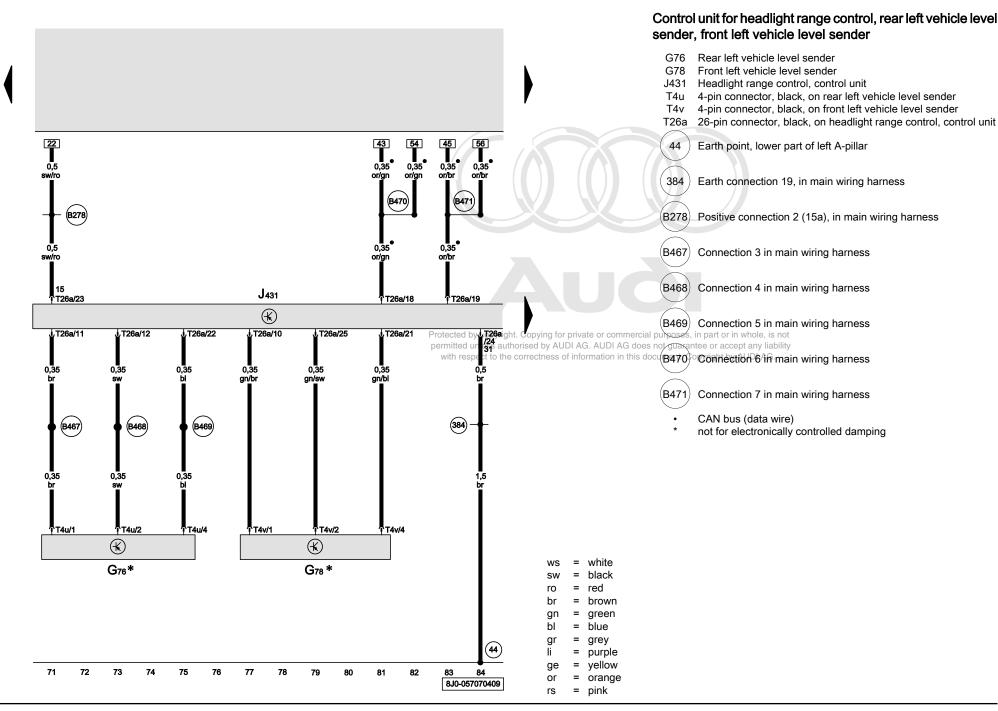
T14b/5 T14b 31 /14 31

1,0 br

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

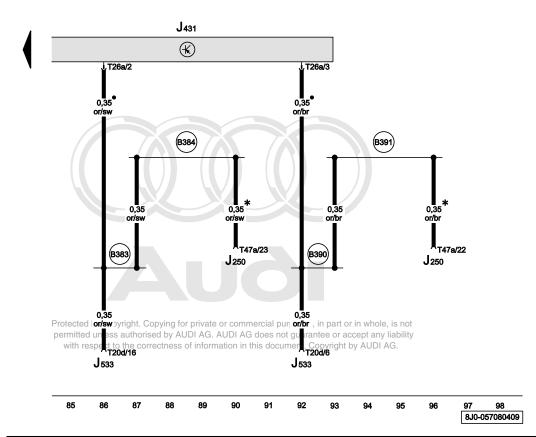
- J344 Right gas discharge light control unit
- J519 Onboard supply control unit
- J668 Power output module for right headlight
- L14 Right gas discharge (xenon) bulb
- L175 Right day driving light bulb
- L177 Right LED module for daytime running light and side light
- M3 Right side light bulb
- M7 Front 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, CAN bus wiring

J250	Electronically	controlled	damping	control	un
------	----------------	------------	---------	---------	----

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

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

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

CAN bus (data wire)

whiteblack

= green = blue

greypurpleyellow

= orange

= pink

or

rs

= red = brown * models with electronically controlled damping



Preparation for mobile telephone with Bluetooth interface (9ZX)

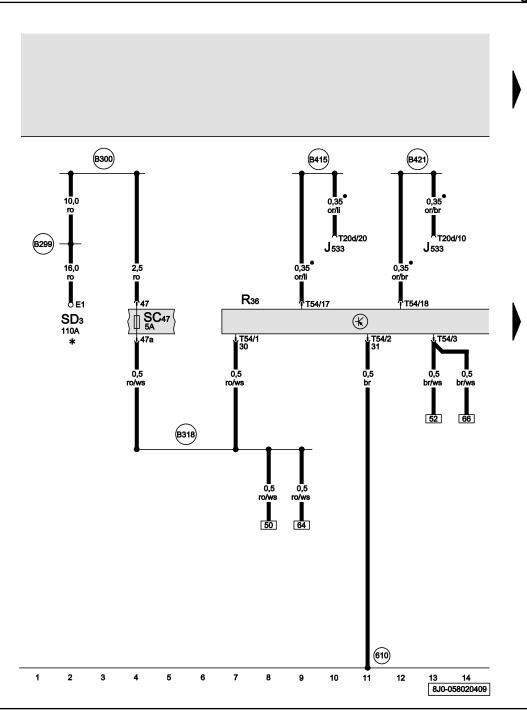
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Notes:

For information concerning

- ♦ Position of relays and fuses
- ◆ Multi-pin connections
- ♦ Control units and relays
- ♦ Earth connections
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 List of Fitting Locations authorised by AUDI AG. AUDI AG does not guarantee or accept any liability
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- ♦ Fault Finding Programs
- ⇒ guided fault finding



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
- Earth point (audio), under centre console, front
- Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- Positive connection 4 (30a), in main wiring harness
- Connection 1 (infotainment CAN bus, high), in main wiring harness
- Connection 1 (infotainment CAN bus, low), in main wiring B421 harness
 - CAN bus (data wire)
- main fuse box, in luggage compartment, rear right, on the battery



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purple

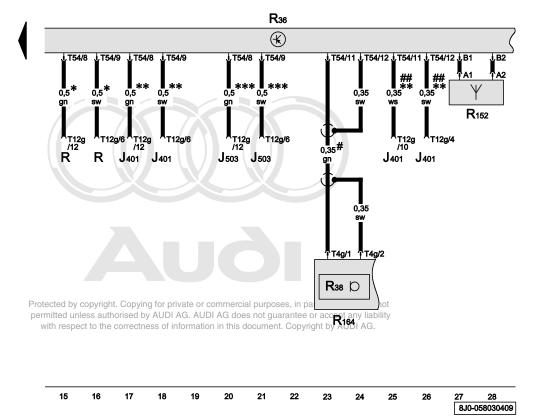
= yellow

or = orange

= pink







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

whiteblack

= orange

= pink

or

= red = brown = green = blue = grey = purple = yellow

- 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



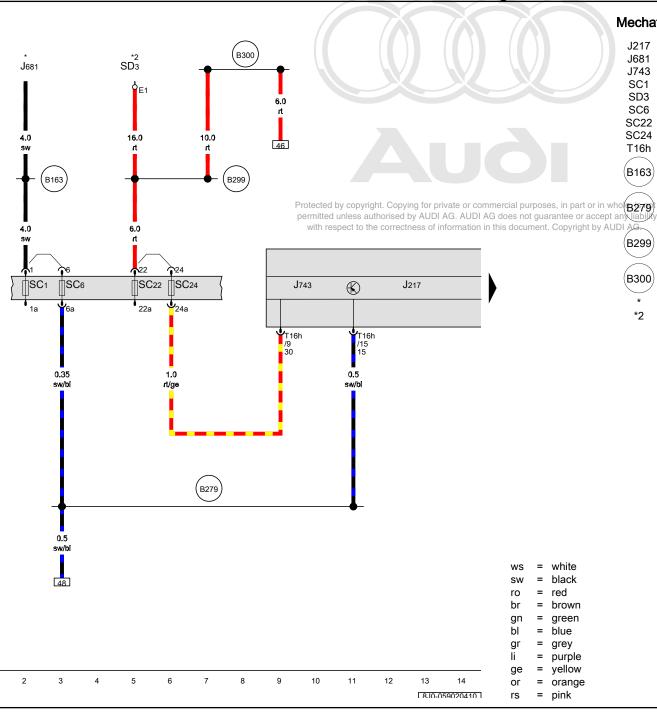
7-speed dual clutch gearbox 0BH (S tronic)

From June 2010



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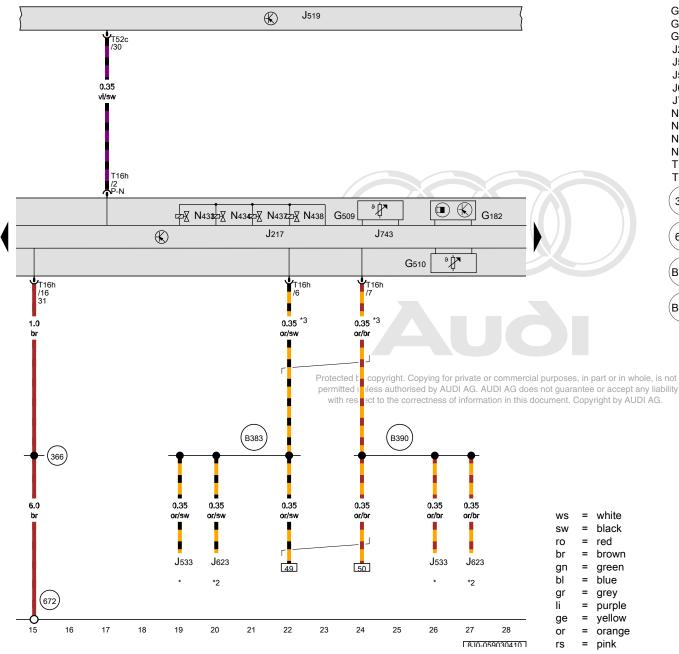




Mechatronic unit for dual clutch gearbox

- J217 Automatic gearbox control unit J681 Terminal 15 voltage supply relay 2
- J743 Mechatronic unit for dual clutch gearbox
- SC1 Fuse 1 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- SC6 Fuse 6 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- T16h 16-pin connector
- (B163) Positive connection 1 (15), in interior wiring harness
 - 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
 - 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 subgearbox 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)



Mechatronic unit for dual clutch gearbox

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
NIAOE	Mala O'a a la sanda A

G193 Automatic gearbox hydraulic pressure sender 1

N435 Valve 3 in sub-gearbox 1

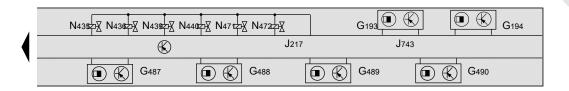
N436 Valve 4 in sub-gearbox 1

N439 Valve 3 in sub-gearbox 2

N440 Valve 4 in sub-gearbox 2

N471 Cooling oil valve

N472 Main pressure valve

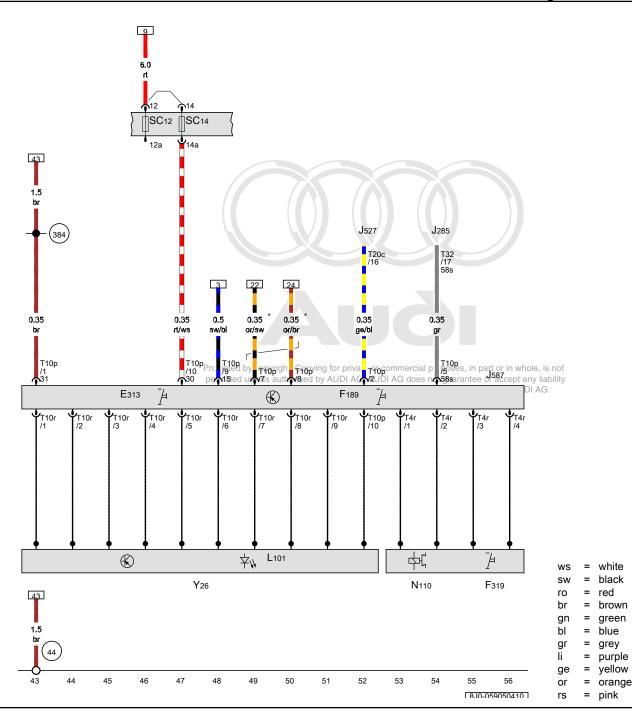


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

= white

29 30 31 32 33 34 35 36 37 38 39 40 41 42 FR.IO-059040410 1



Selector lever sensors control unit, Selector lever lock solenoid

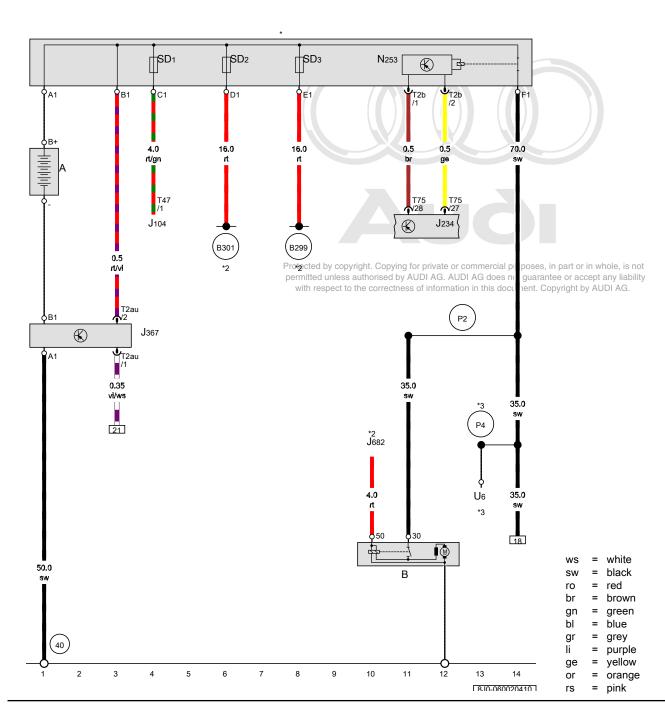
- E313 Selector lever
- F189 Tiptronic switch
- F319 Selector lever locked in position P switch
- J285 Control unit in dash panel insert
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- _101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T4r 4-pin connector
- Γ10p 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)



Energy recovery From June 2010

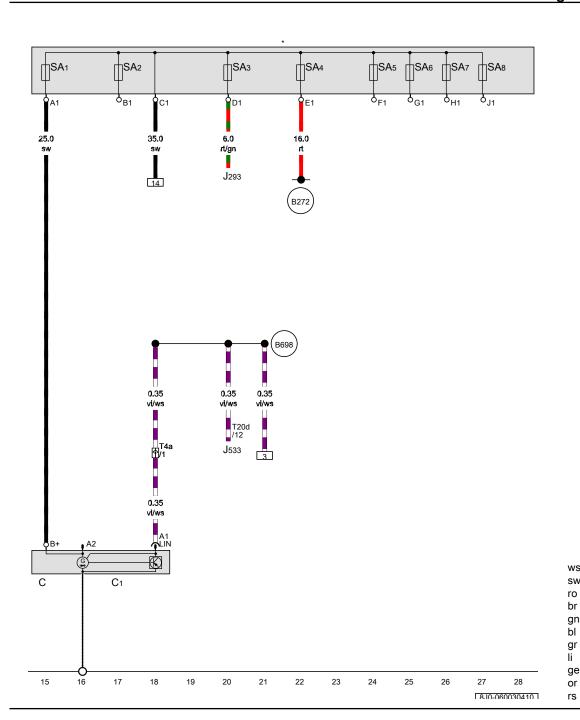


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Battery, Starter, Battery monitor control unit, Battery isolation igniter

- 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
- Γ75 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



Alternator

whiteblack

= red = brown = green = blue = grey = purple = yellow

= orange

= pink

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

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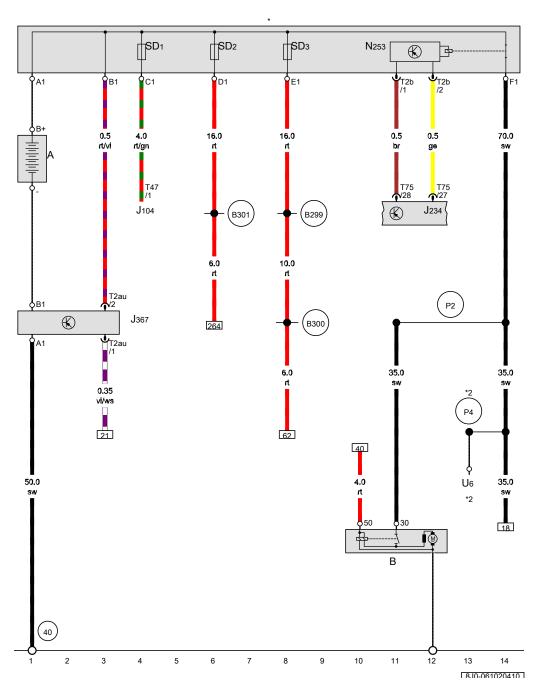


2.0l petrol engine , CESA, CETA

From June 2010



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Battery, Starter, Battery monitor control unit, Battery isolation igniter

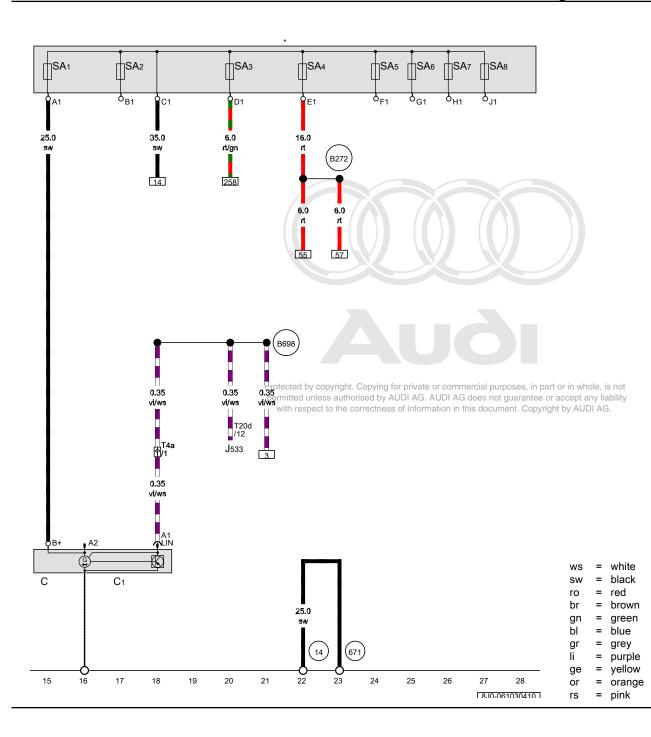
- A Battery
- B Starter
- J104 ABS control unit
- J234 Airbag control unit
- J367 Battery monitor control unit
- N253 Battery isolation igniter
- D1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- T2au 2-pin connector
- T2b 2-pin connector
- T47 47-pin connector
- 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

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





Alternator

\sim	A 11 1 -
(;	Alternato

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

A3 Tuse 3 III luse Holdel 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

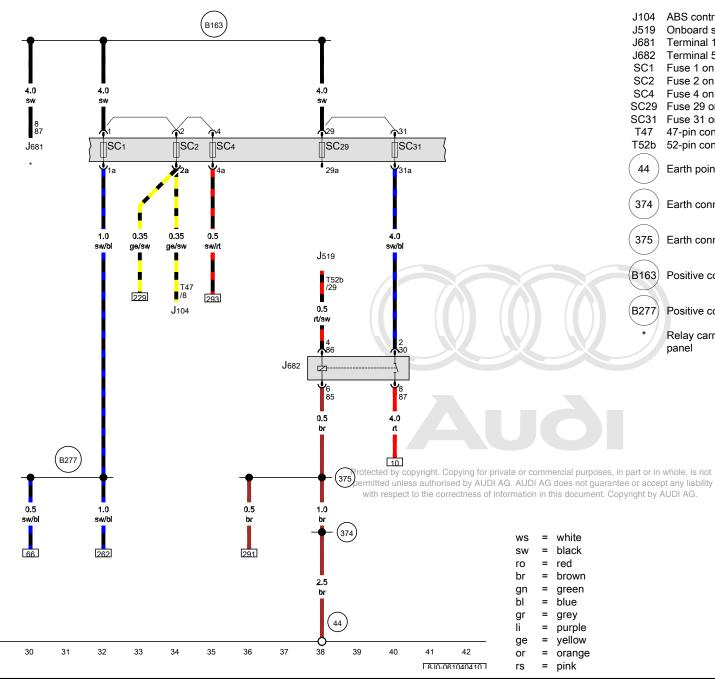
671 Earth point 1, on front of left longitudinal member

(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





Terminal 50 voltage supply relay

- J104 ABS control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- Terminal 50 voltage supply relay
- Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- Fuse 4 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- 47-pin connector
- T52b 52-pin connector
- Earth point, lower part of left A-pillar
- Earth connection 9, in main wiring harness
- Earth connection 10, in main wiring harness
- Positive connection 1 (15), in interior wiring harness
- Positive connection 1 (15a) in main wiring harness
 - Relay carrier on onboard supply control unit, on left under dash

whiteblackred

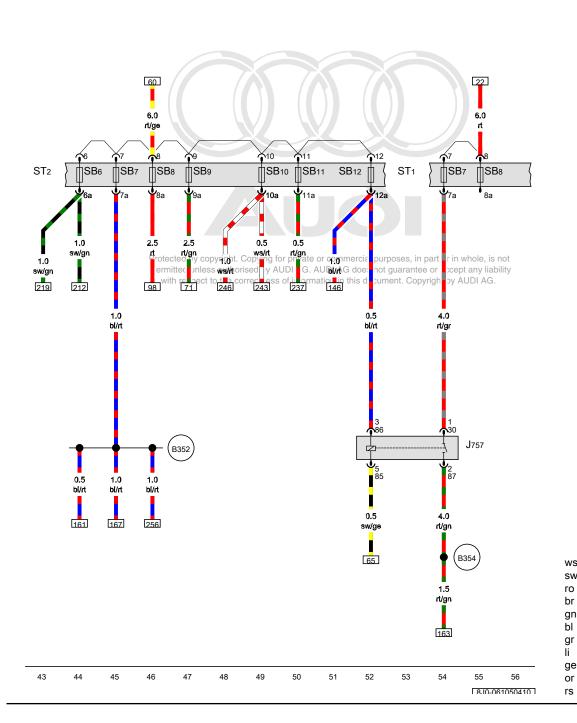
browngreenblue

greypurpleyellow

= orange

= pink





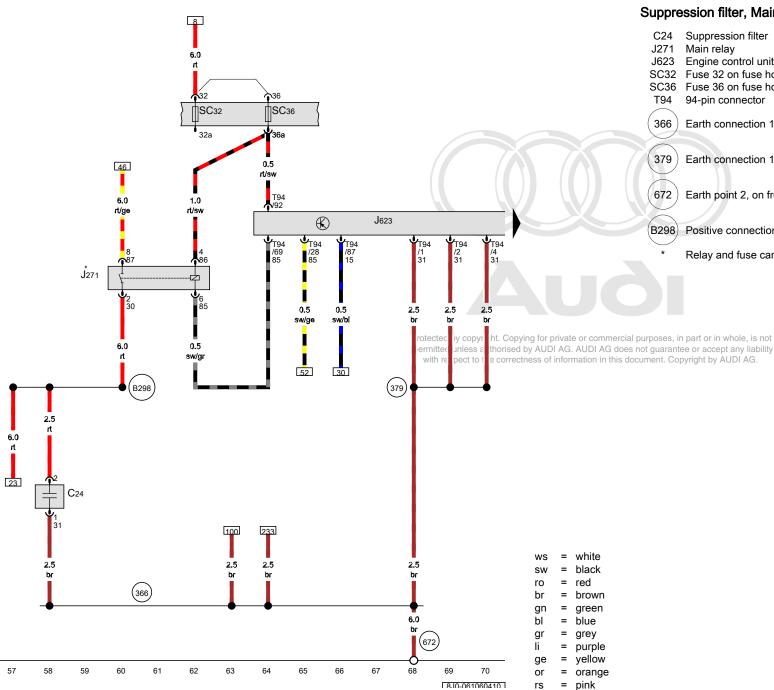
Engine component current supply relay

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
- 94-pin connector
- Earth connection 1, in main wiring harness
- Earth connection 14, in main wiring harness
- Earth point 2, on front of left longitudinal member
- Positive connection 2 (30), in main wiring harness
- Relay and fuse carrier, in E-box in engine compartment

(B383

0.35 *2

T20e

J743

or/sw

2.5

rt/gn

47

72

73

(J623 T94 /45 T94 /68 2.5 2.5 2.5 0.35 0.35 0.35 rt/gn sw/ws or/br or/sw rt/gn rt/gn *2 *2

*3

T20e

/15

J743

0.35 *2

T20d /16

J533

81

82

83

8.10-061070410

or/sw

0.35 *2

or/br

B390

0.35 *2

T20d /6

J533

or/br

T20c /13

J527

E45

76

77

78

79

75

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

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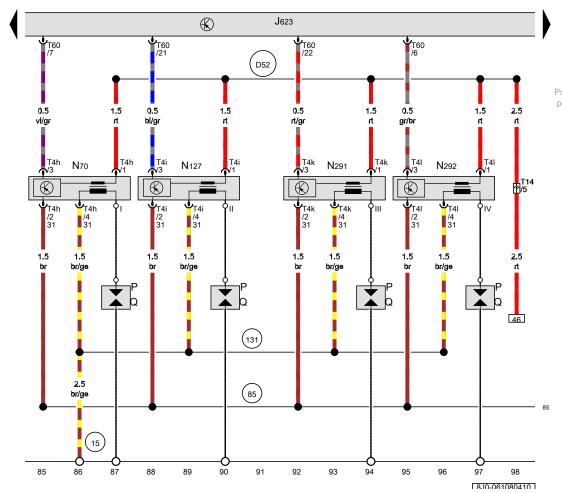
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Engine control unit, Ignition coil 1 with output stage

- J623 Engine control unit
 - Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- Ignition coil 3 with output stage
- Ignition coil 4 with output stage
- Spark plug connector
- Spark plugs
- 4-pin connector
- 4-pin connector
- 4-pin connector T4k
- T4I 4-pin connector
- 14-pin connector, front left in engine compartment
- 60-pin connector
- Earth point, on cylinder head
- Earth connection 1, in engine compartment wiring harness

Earth connection 2, in engine compartment wiring harness Protected by copyright. Copyii G. AUDI AG does not guarantee or accept any liability permitted unless authorised by with respect to the correctne

rmation in this document. Copyright by AUDI AG.
Positive connection (15a), in engine compartment wiring harness



= brown = green

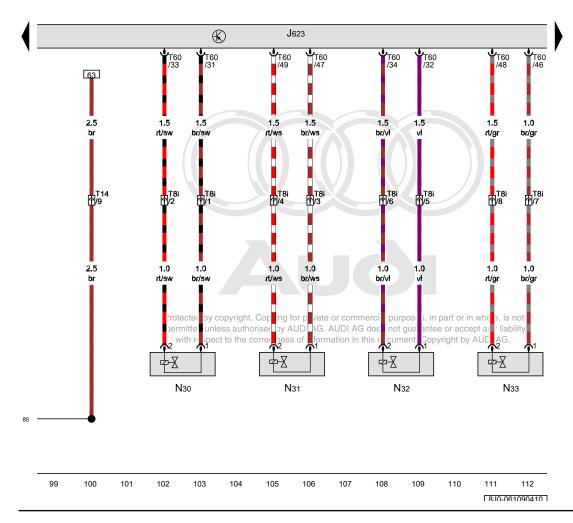
= blue = grey

= purple = yellow = orange

= pink rs

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



ws = white sw = black

ro = red br = brown

n = green I = blue

gr = grey li = purple ge = yellow

ge = yellow or = orange rs = pink



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

Γ6b 6-pin connectorΓ6ο 6-pin connector

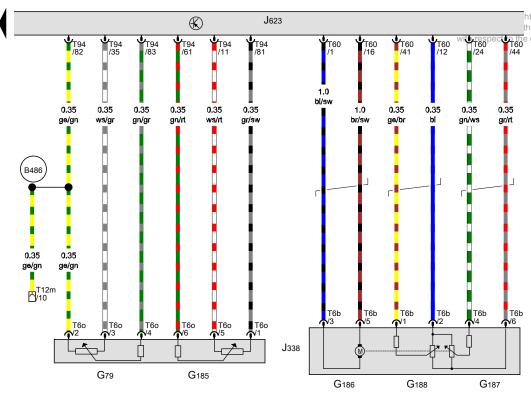
T12m 12-pin connector, in luggage compartment, rear right

T60 60-pin connector

T94 94-pin connector

nt Copying for private or commercia **B486** s**Connection 22** eins main wiring harness hulsed by AUDI AG. AUDI AG does not guarantee or accept any liability

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br = brown

n = green l = blue

gr = grey li = purple

ge = yellow or = orange

rs = pink

= white = black = red = brown = green = blue = grey = purple = yellow

= orange

= pink

or

rs



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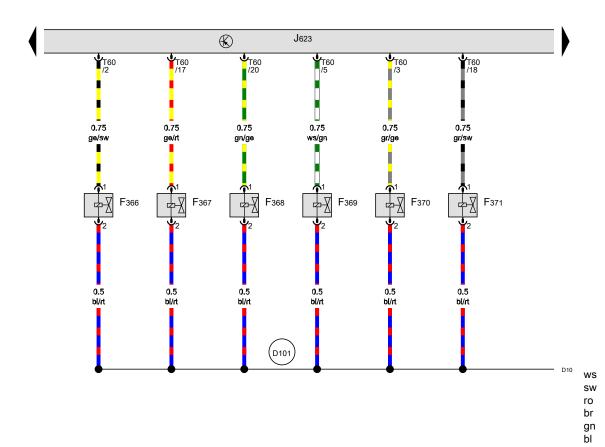
139

8.10-061110410

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
F372 Engine control unit
T60 60-pin connector

Connection 1 in engine compartment wiring harness



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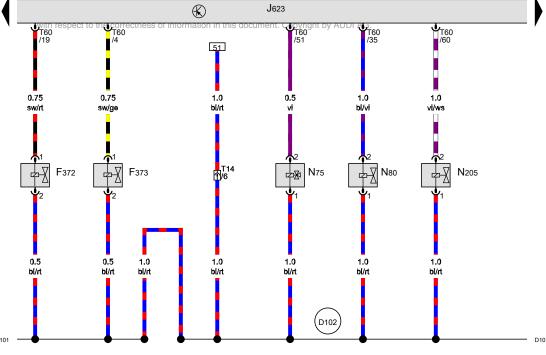
151

152

153

154





= red = brown = green = blue = grey = purple = yellow = orange or 8.10-061120410 rs = pink

= white = black

Engine control unit

F372 Actuator 7 for camshaft adjustment

F373 Actuator 8 for camshaft adjustment J623 Engine control unit

Charge pressure control solenoid valve

Activated charcoal filter solenoid valve 1

N205 Camshaft control valve 1

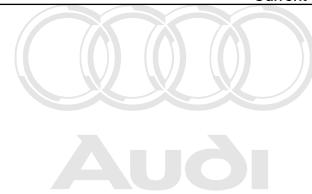
14-pin connector, front left in engine compartment

60-pin connector

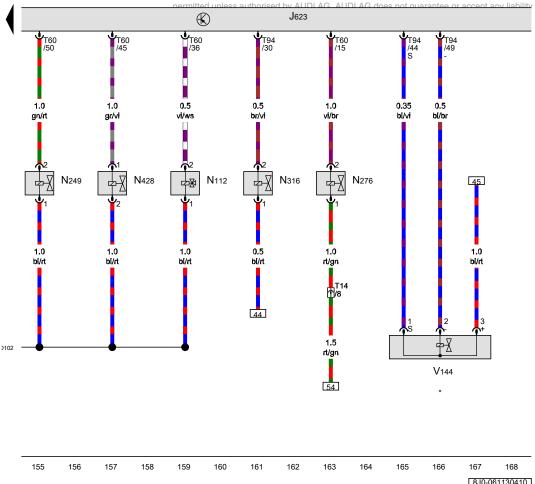
(D101) Connection 1 in engine compartment wiring harness

(D102) Connection 2 in engine compartment wiring harness





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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

whiteblack

= red = brown = green = blue = grey = purple = yellow

= orange

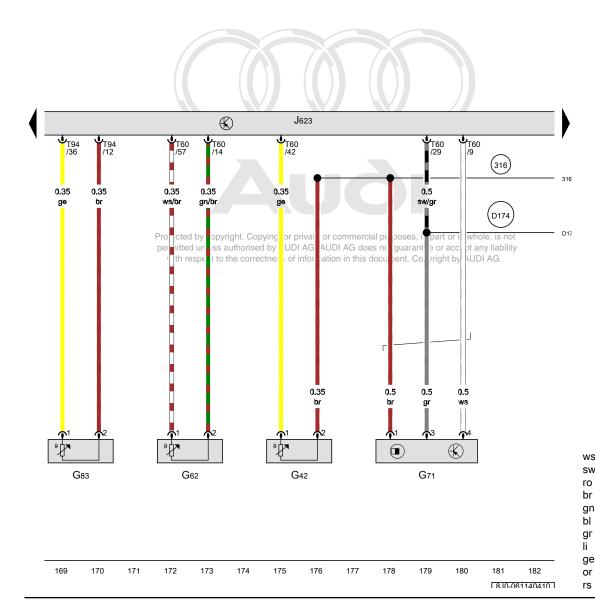
= pink

or

rs

- V144 Fuel system diagnostic pump
- (D102) Connection 2 in engine compartment wiring harness
- * Only models with fuel system diagnostic pump





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

whiteblack

= red = brown = green = blue = grey = purple = yellow

= orange

= pink

- 316 Earth connection (sender earth 2) in engine wiring harness
- (D174) Connection 2 (5V) in engine prewiring harness

(K) J623 T60 /43 T60 /27 0.35 0.5 (220))174 D14 0.35 0.35 Protected by gergright.br/gnying vi/vivivate or commercial purprates, inwe/bit or in swhole, is got permitted unle author ed by A DI AG. AUDI AG with respect the collectness of information in the DI AG. T6p T6p ∱/5 **T**6p T6p 1√2 0.35 sw T3f 0.5 0.5 0.5 0.5 0.35 0.35 0.5 sw/gr **(K) (K) G**40 **G**61 G247 G336 184 185 186 187 188 191 192 193 194 195 8.10-061150410

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

whiteblack

= red = brown = green = blue = grey = purple = yellow

= orange

= pink

or

rs

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

316 Earth connection (sender earth 2) in engine wiring harness

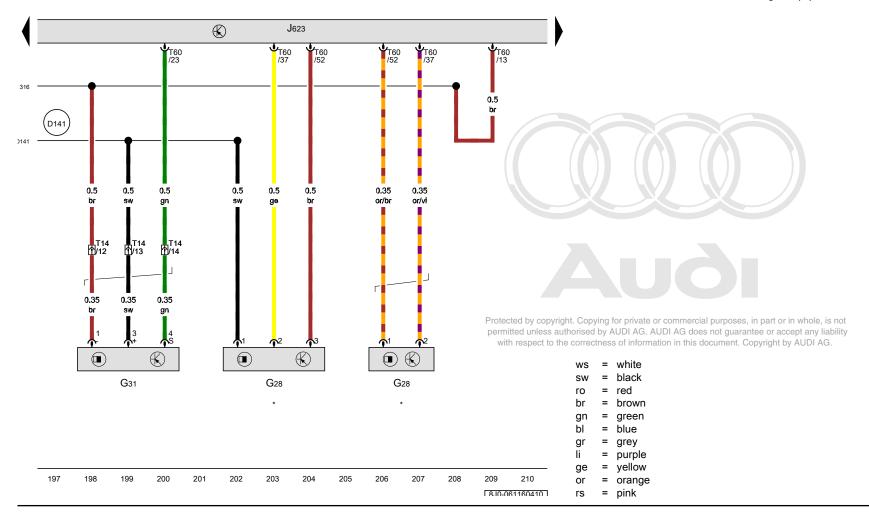
(D141) Connection (5V) in engine prewiring harness

(D174) Connection 2 (5V) in engine prewiring harness



Engine speed sender, Charge pressure sender, Engine control unit

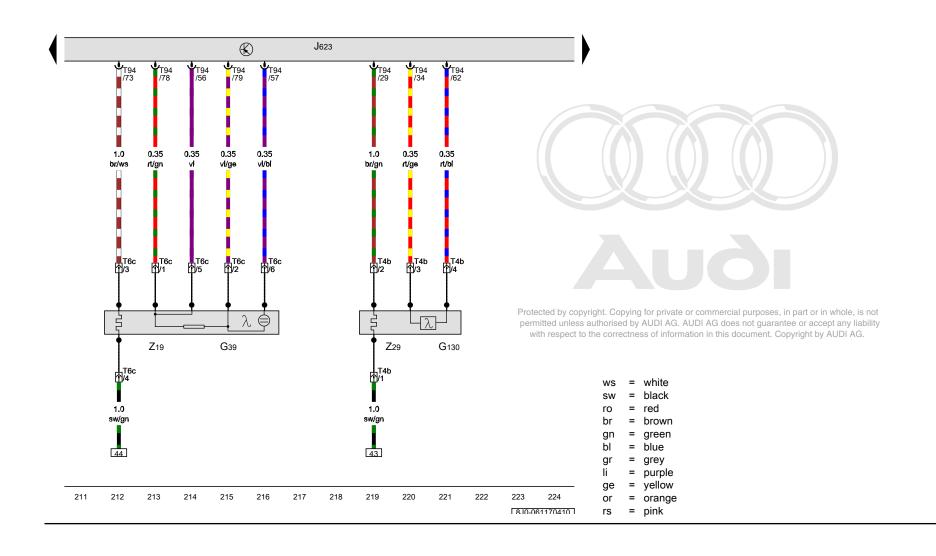
- G28 Engine speed sender
- G31 Charge pressure sender
- J623 Engine control unit
- T14 14-pin connector, front left in engine compartment
- T60 60-pin connector
- 316 Earth connection (sender earth 2) in engine wiring harness
- (D141) Connection (5V) in engine prewiring harness
 - * According to equipment





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





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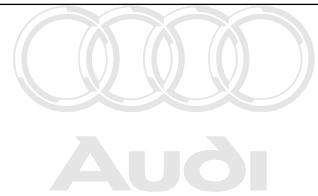
235

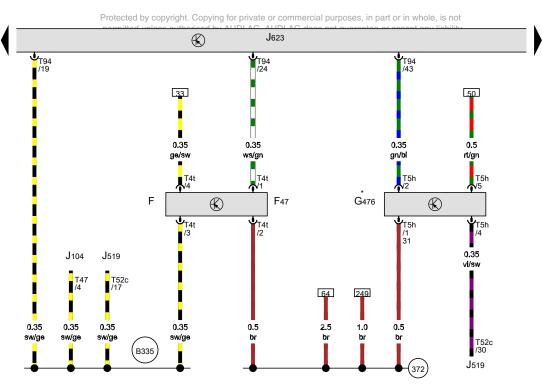
236

237

238

8.10-061180410





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

whiteblack

Brake light switch, Clutch position sender, Engine control unit

F47 Brake pedal switch
G476 Clutch position sender
J104 ABS control unit

Brake light switch

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

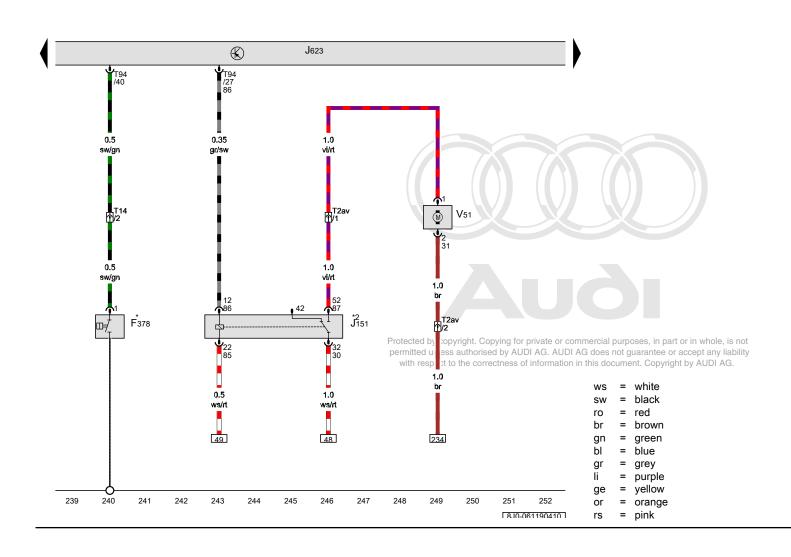
(B335) Connection 1 (54), in main wiring harness

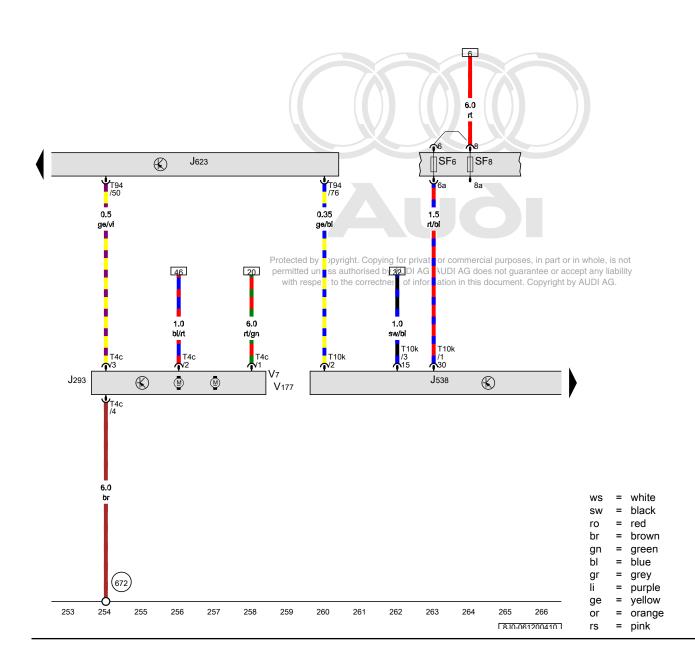
* Only models with manual gearbox



Oil pressure switch for reduced oil pressure, Continued coolant circulation relay, Engine control unit

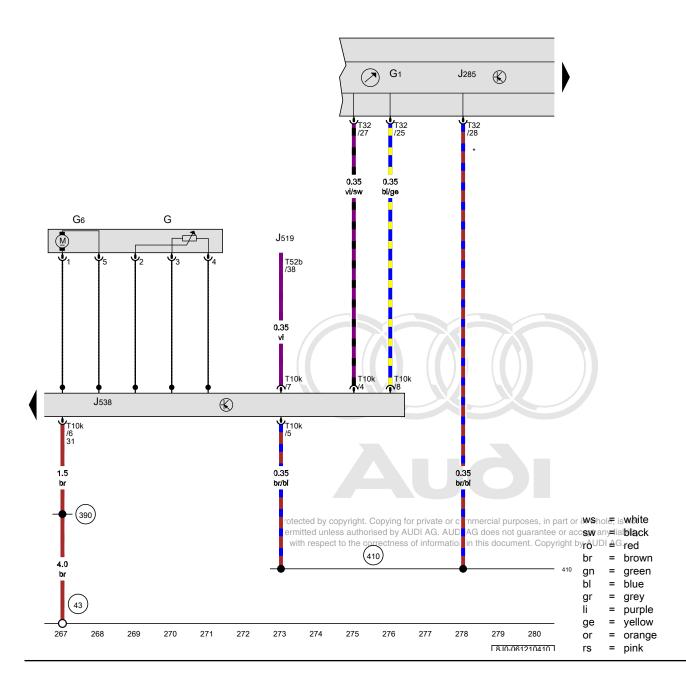
- F378 Oil pressure switch for reduced oil pressure
- J151 Continued coolant circulation relay
- J623 Engine control unit
- T2av 2-pin connector, front left in engine compartment
- T14 14-pin connector, front left in engine compartment
- T94 94-pin connector
- V51 Continued coolant circulation pump
- * Not for American markets
- 2 Relay and fuse carrier, in E-box in engine compartment





Radiator fan control unit, Fuel pump control unit, Engine control unit, Radiator fan

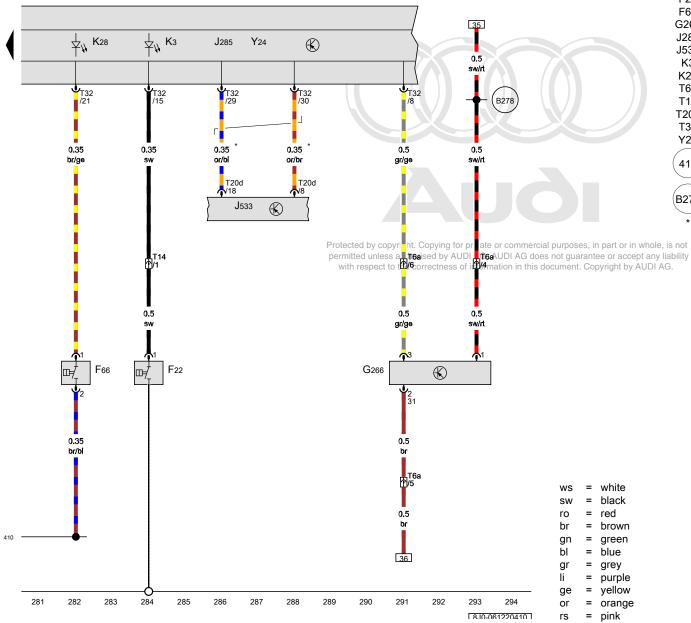
- J293 Radiator fan control unit Fuel pump control unit
- J623 Engine control unit
- Fuse 6 in fuse holder F
- Fuse 8 in fuse holder F
- 4-pin connector
- 10-pin connector T10k
- 94-pin connector V7 Radiator fan
- V177 Radiator fan 2
- Earth point 2, on front of left longitudinal member



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
- 538 Fuel pump control unit
- 10k 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
 - (3 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

6 - Fuses (SA) on fuse holder A

☐ Location: In engine compartment, front left

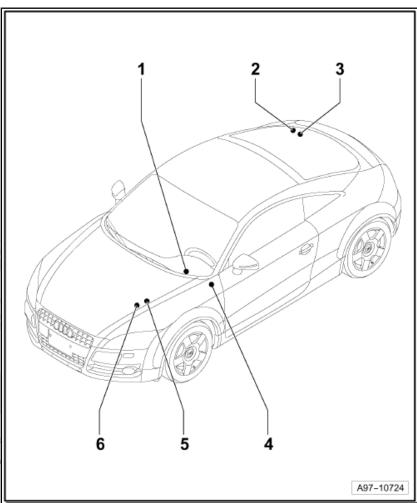
 \square Position of fuses electronics box \Rightarrow page 3

□ Location electronics box ⇒ page 2

1 - Thermal fuse below the dash panel ☐ Driver seat adjustment thermal fuse 1 -S44- ⇒ page 18 ☐ Location: Front left under dash panel 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 \Rightarrow 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 <u>⇒ page 5</u>



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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

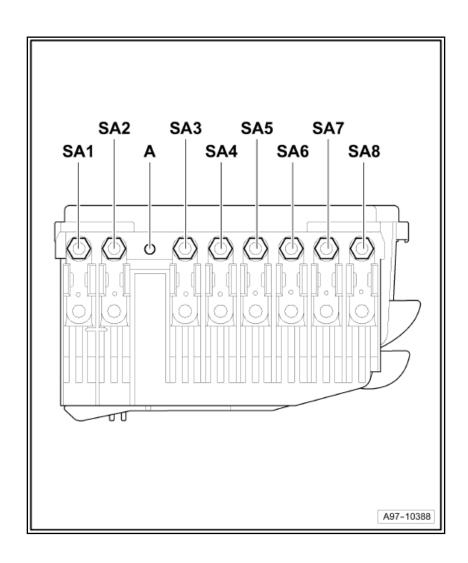
7,5 A - brown





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	Nomina I 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



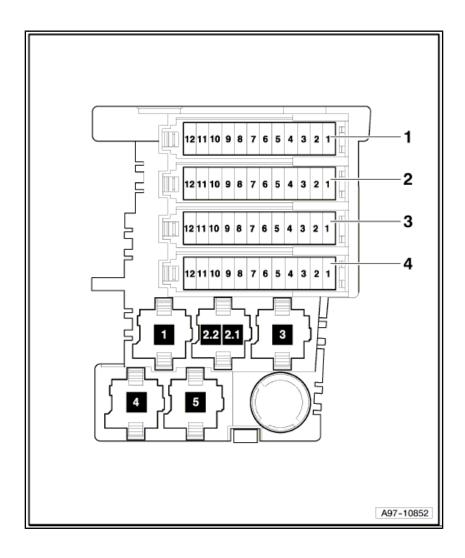


5 A - beige

- 1 ST1 Fuse carrier, black
- 2 ST2 Fuse carrier, brown
- 3 Vacant
- 4 Vacant



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1.3.1 Position of fuses of fuse carrier 1 (black), fuse holder B in electronics box, engine compartment

No.		Current Flow Diagram designation	Nomina I value	Function/component	Terminal
1	Ţ-	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

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1.3.2 Position of fuses of fuse carrier 2 (brown), fuse holder B in electronics box, engine compartment

No.	Current Flow Diagram designation	Nomina I value	Function/component	Terminal
1	Fuse 1 on fuse holder B -SB1-		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- Protected by copyright. Copying for private or commercial purposes, in part or in wh permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept a with respect to the correctness of information in this document. Copyright by AUI	ny liability	- 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

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





1.4 Location of fuses (SC) on fuse holder C

Torque settings

 \Rightarrow 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

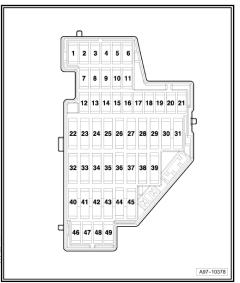
10 A - red

7,5 A - brown

5 A - beige



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1.4.1 Position of fuses in fuse holder C, left dash panel

No.	Current Flow Diagram designation	Nomina I 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⁾	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- 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 lia with respect to the correctness of information in this document. Copyright by AUDI AG	ability	- 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- Protected by copyright. Copying for privipermitted unless authorised by AUDI Awith respect to the correctness of info		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			

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			

\overline{i}

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

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⇒ Electrical system, Repair Group 97, removing and installing fuse holders AUDI AG.

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

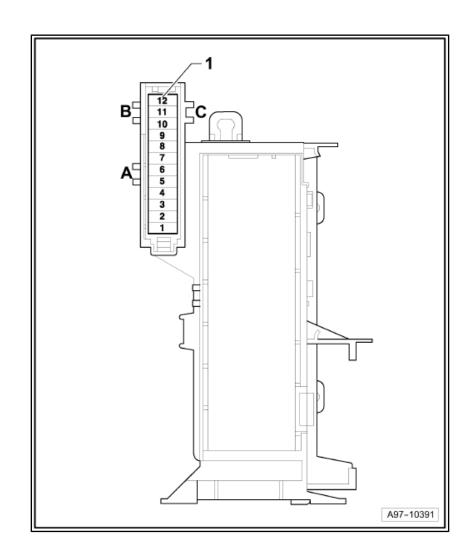
7,5 A - brown





- 5 A beige
- 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.	Frotected by copyright. Copyring for private of confinercial purposes, in part of in whole, is p	Nomina Ibvalue		Function/component	Terminal
1	- with respect to the correctness of information in this document. Copyright by AUDI AG.	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 -J25 Convertible roof actuation hydraulic pump	
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 ι	unit -J250- 30
10 - Fuse 10 on fuse holder F -SF10-	20 A ⁶⁾ - Convenience system central control unit - Onboard supply control unit - Onboard suppl	J393- ⁶⁾ 30
11 - Fuse 11 on fuse holder F -SF11-	25 A - Convertible roof actuation control unit -J25	56- 1) 30
12 - Fuse 12 on fuse holder F -SF12-	5 A ⁶⁾ - Convenience system central control unit -	J393- ⁶⁾ 30

\overline{i}

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



Location of fuses (SD) on fuser holder a horised by AUDI 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

 \Rightarrow 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



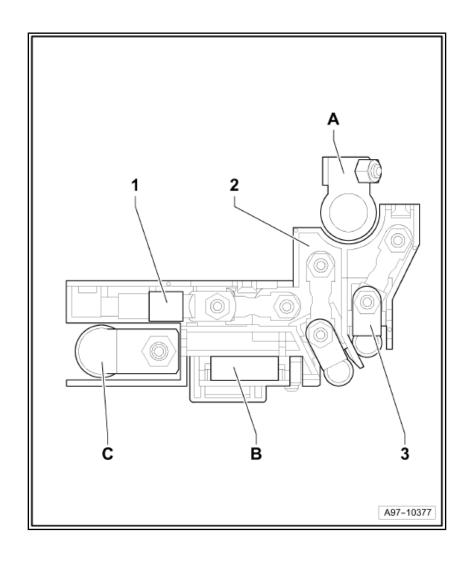


5 A - beige

- A Connection battery positive
- B Battery isolation igniter -N253-
- C Main fuse holder supply, electronics box
- C Cable to starter -B-



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1.6.1 Position of fuses on main fuse holder D, in luggage compartment, rear right, on the battery

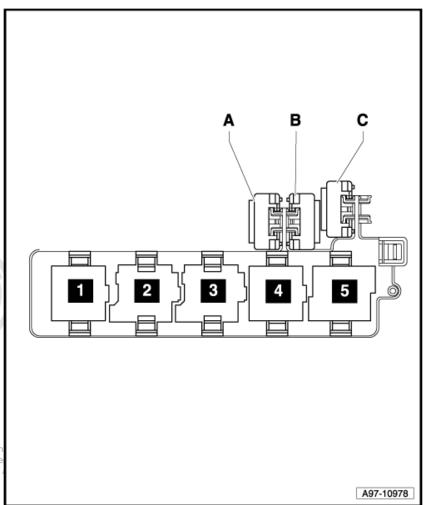
No.	Current Flow Diagram designation	Nomina I value		Function/component	Terminal
1 -	Fuse 1 on fuse holder D -SD1-	40 A	-	ABS hydraulic pump -V64-	30
2 -	Fuse 2 on fuse holder D -SD2-	110 A	-	Supply for fuse holder right in luggage compartment	30

_				
	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

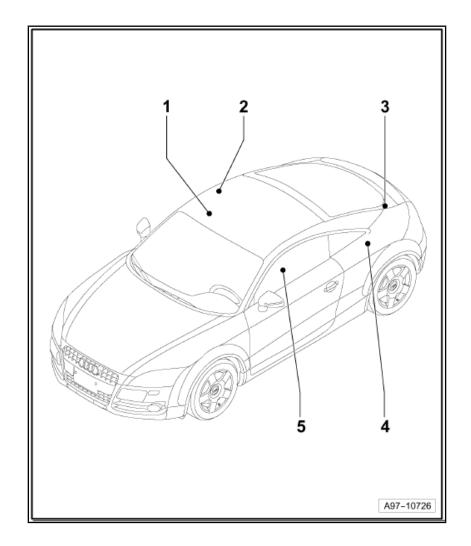




1 Coupling stations and pin connectors from wiring harness set

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- 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-, permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.
 - -T2d-,
 - -T2c-, for aerial pin connector
 - □ Location ⇒ page 4
- 3 Coupling station left rear lid (Roadster)
 - ☐ With pin connectors -T6f-, -T8e-
 - □ Location ⇒ page 4





4 - Coupling station left rear lid behind side panel

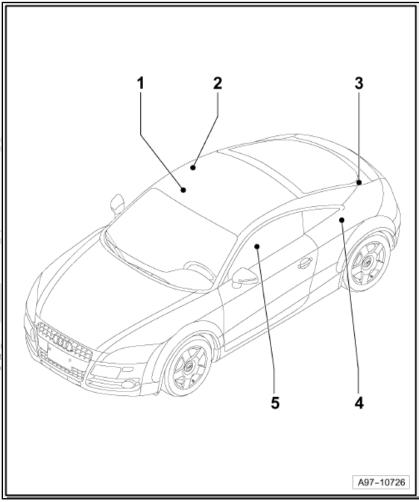
- ☐ With pin connectors -T6f-, -T8e-
- □ Location ⇒ page 5

5 - Coupling station under left front seat

- ☐ With pin connectors
 -T10f-,
 -T10h-,
 -T3c-,
 -T6d-
- □ Location ⇒ page 3



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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

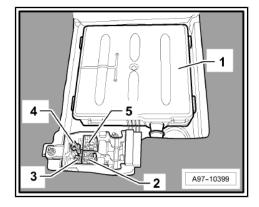
1.3 Coupling station under right front seat

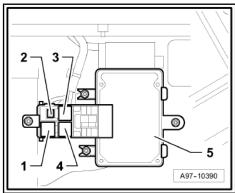
- 1 10-pin connector -T10i-, black
- 2 3-pin connector -T3d-, yellow
- 3 6-pin connector, -T6e-, green
- 4 10-pin connector -T10g-, red
- 5 Electronically controlled damping control unit -J250-





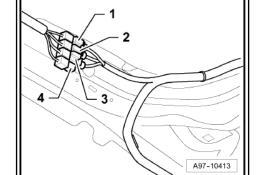
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1.4 Coupling station right rear lid, in rear right roof frame

- 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

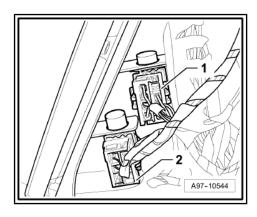


1.5 Coupling station left rear lid (Roadster)

Left rear lid (Roadster)

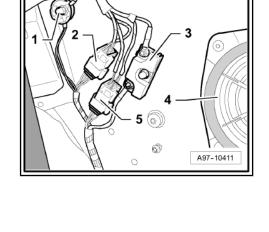
1 - -T8e-, brown

2 - -T6f-, black



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





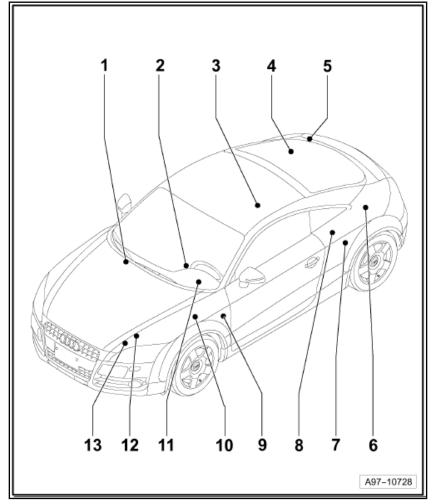
1 Earth points

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

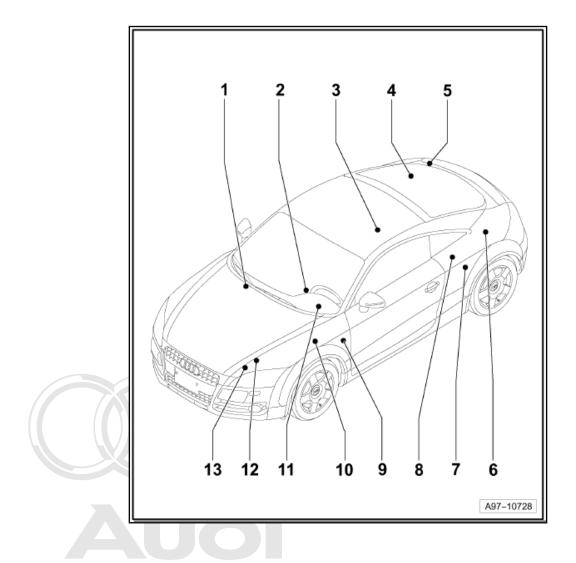
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- 6 Earth point, on left in luggage compartment 50-correctness of information in this document. Copyright by AUDI AG.
 - □ Location ⇒ page 5
- 7 Earth point 2, on left in luggage compartment (Roadster) -676-
 - □ Location ⇒ page 9
- 8 Earth point, rear left side panel (Coupé) -662-
 - □ Location \Rightarrow page 7





- 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



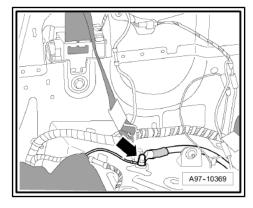
- 40 Earth point in vehicle interior, under rear right seat -arrow-
- ♦ Torque: 9 Nm

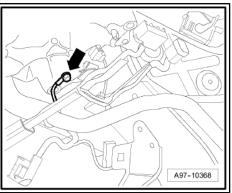


Notes:

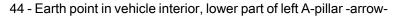
- **♦** *Note(s):*
- ♦ For Roadster, the earth point is located under the convertible roof box.
- 42 Earth point, next to steering column -arrow-
- ♦ Torque: 9 Nm





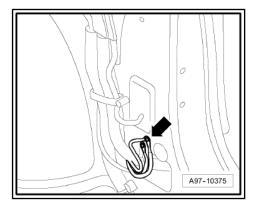


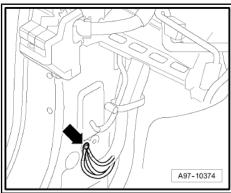
- 43 Earth point in vehicle interior, lower part of right A-pillar arrow-
- ♦ Torque: 9 Nm



♦ Torque: 9 Nm







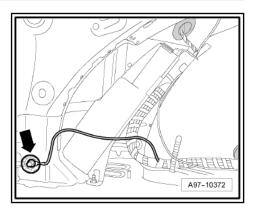
Fitting Locations No. 803 / 5

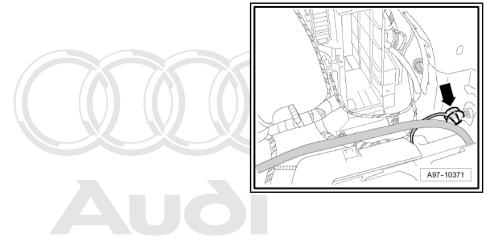
50 - Earth point, on left in luggage compartment -arrow-

♦ Torque: 9 Nm

51 - Earth point, on right in luggage compartment -arrow-

♦ Torque: 9 Nm



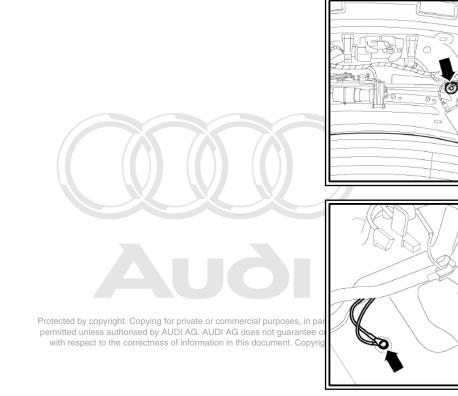


53 - Earth point, on right in rear lid -arrow-

♦ Torque: 9 Nm

610 - Earth point (audio) in vehicle interior, under centre console, front -arrow-

♦ Torque: 9 Nm



A97-10370

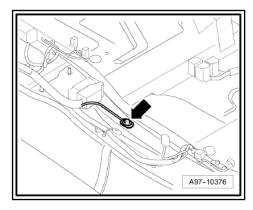
637 - Earth point in vehicle interior, airbag control unit -arrow-

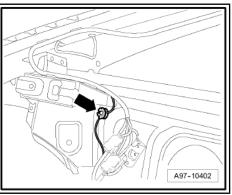
♦ Torque: 9 Nm

662 - Earth point, rear left side panel (Coupé) -arrow-

♦ Torque: 9 Nm







Fitting Locations

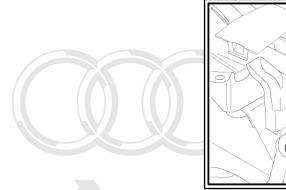
♦ Torque: 20 Nm

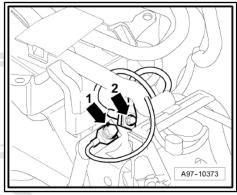
672 - Earth point 2, on front left longitudinal member -arrow 2-

♦ Torque: 9 Nm

Routing: Earth cable gearbox-body -arrows-

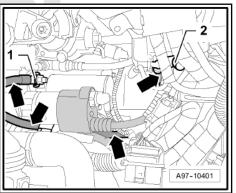
- 1 Connection on earth point, on gearbox -14-
- 2 Connection on earth point 1, on front of left longitudinal member -671-





No. 803/8

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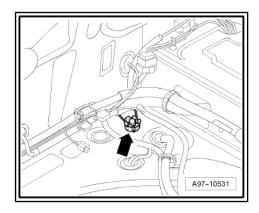




676 - Earth point 2, on left in luggage compartment (Roadster) - arrow-

♦ Torque: 9 Nm

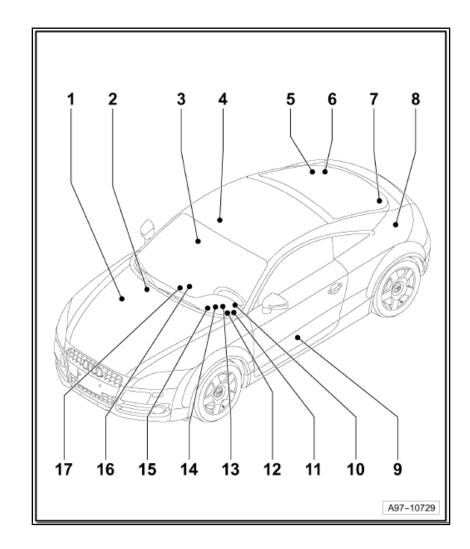




1 Control units

1.1 Control units overview

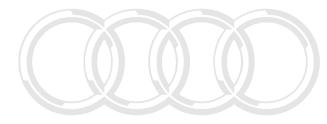
1 - ABS control unit -J104-■ Location ⇒ page 2 □ Connector assigment ⇒ page 3 2 - Engine control unit -J623-□ Location ⇒ page 4 ☐ Connector assigment → page 5 right. Copying for private or commercial purposes, in part or in whole, is not □ 3.21 V6-engine, connector assignment by page 6 AUDI AG does not guarantee or accept any liability nation in this document. Copyright by AUDI AG. 3 - Front passenger door control unit -J387-□ Location ⇒ page 13 ☐ Connector assigment ⇒ page 14 4 - Electronically controlled damping control unit -J250-□ Location ⇒ page 16 ☐ Connector assigment ⇒ 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 assigment ⇒ 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 assigment ⇒ page 12





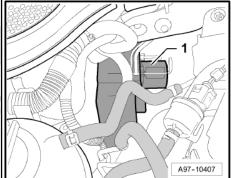
- 10 Steering column electronics control unit -J527-
 - □ Connector assigment ⇒ page 18
- 11 Onboard supply control unit -J519-
 - ☐ Location, up to May 2009 ⇒ page 22
 - ☐ Connector assigment, up to May 2009 ⇒ page 23
 - ☐ Location, from June 2009 ⇒ page 24
 - ☐ Connector assignment, from June 2009 ⇒ 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 assigment ⇒ page 28
- 15 Data bus diagnostic interface -J533-
 - ☐ Location ⇒ page 26
- 16 Airbag control unit -J234-
 - □ Location ⇒ page 29
 - ☐ Connector assigment ⇒ 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-





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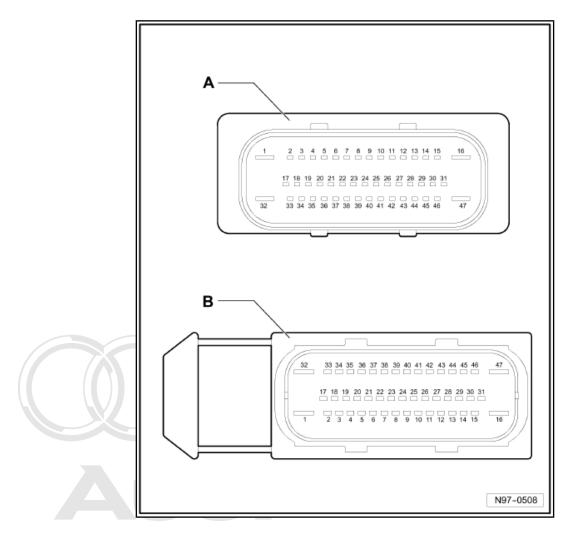


1.2.2 Connector assignment of ABS control unit -J104-

A - ABS control unit -J104- (with ESP only)

Pin connector

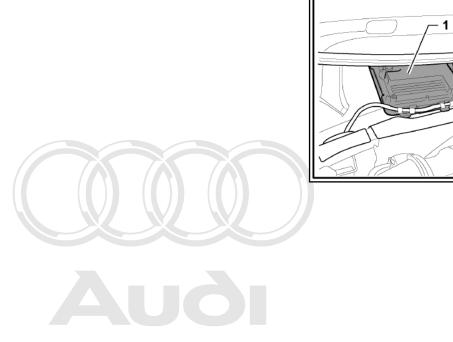
B - 47-pin connector -T47-, on wiring harness, black



A97-10408

- 1.3 Engine control unit -J623-
- 1.3.1 Location:

in plenum chamber -Item 1-

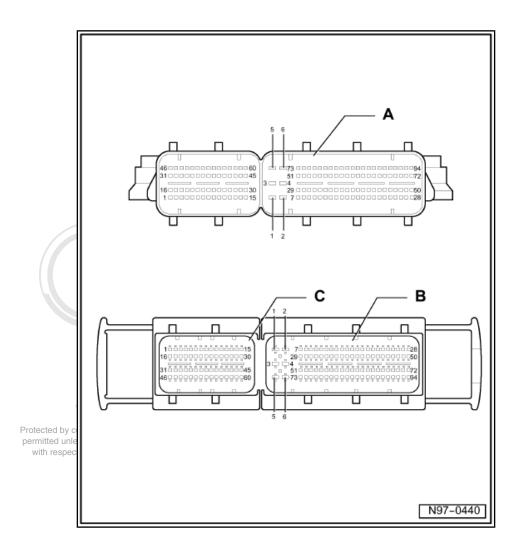


1.3.2 Connector assignment of engine control unit -J623-

A - Engine control unit -J623-

Pin connector

- B 94-pin connector -T94-, on wiring harness
- C 60-pin connector -T60-, on wiring harness



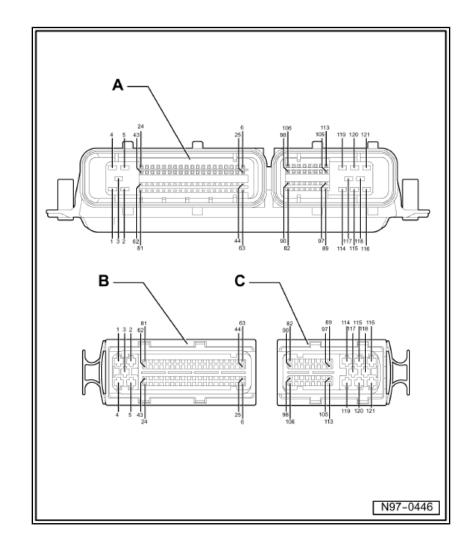


A -Engine control unit -J623- , 3.2 I V6 Pin connector

B - 81-pin connector -T81-, on wiring harness

C - 40-pin connector -T40-, on wiring harness



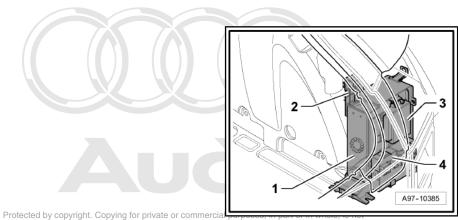


1.4 Parking aid control unit -J446-

1.4.1 Location:

on right in luggage compartment -Item 3-

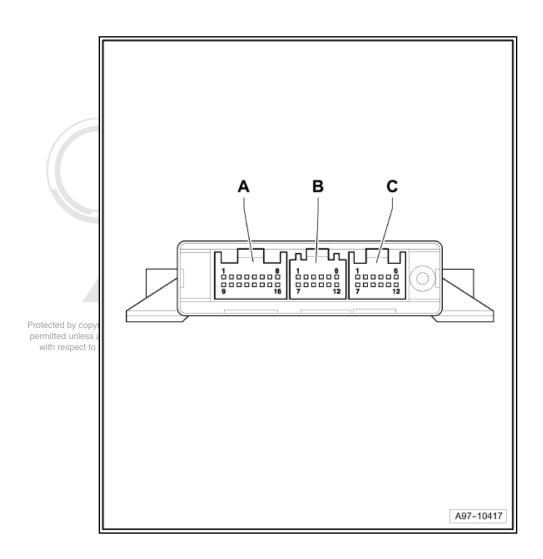
- 1 TV tuner -R78-
- 2 Fuse holder on right in luggage compartment
- 3 Parking aid control unit -J446-
- 4 Convenience system central control unit -J393- (up to May 2009)



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1.4.2 Connector assigment of parking aid control unit -J446-

- A 16-pin connector -T16e- , on wiring harness brown
- B Vacant
- C 12-pin connector -T12l- , on wiring harness, black

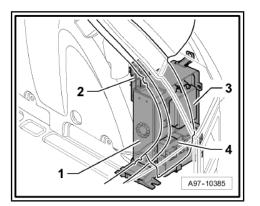


1.5 Convenience system central control unit -J393- (up to May 2009)

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)





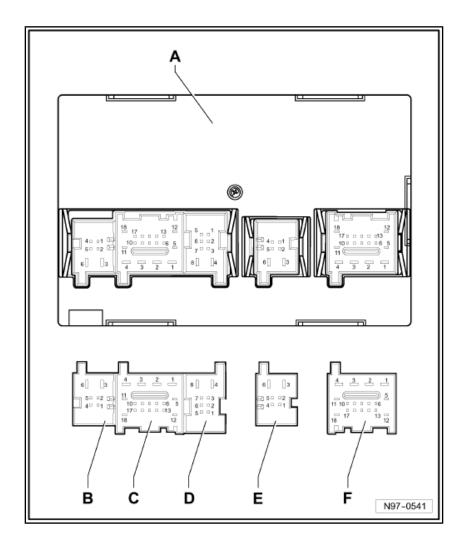
1.5.2 Connector assignment of convenience system central control unit -J393-

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



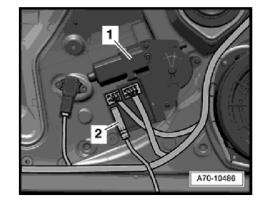


- 1.6 Driver door control unit -J386-
- 1.6.1 Location:

in driver door

- 1 Driver door control unit -J386-
- 2 Pin connectors





1.6.2 Connector assignment of driver side door control unit -J386-

A - Driver door control unit -J386-

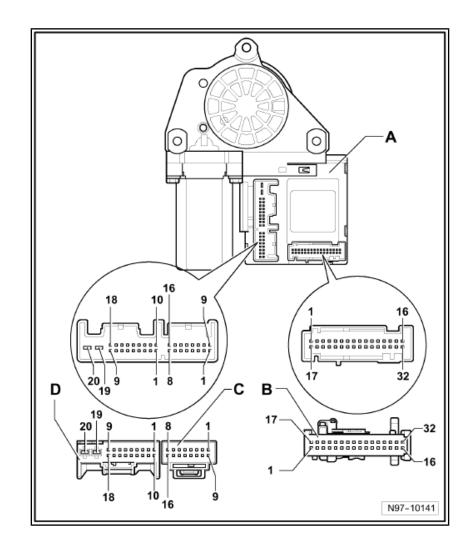
Pin connector

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

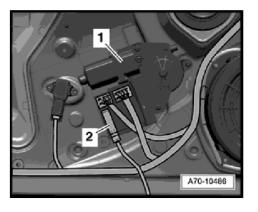
- 1 Front passenger door control unit -J387-
- 2 Pin connectors



Note

The illustration shows the left side. The right side is similar.





1.7.2 Connector assignment of front passenger door control unit -J387-

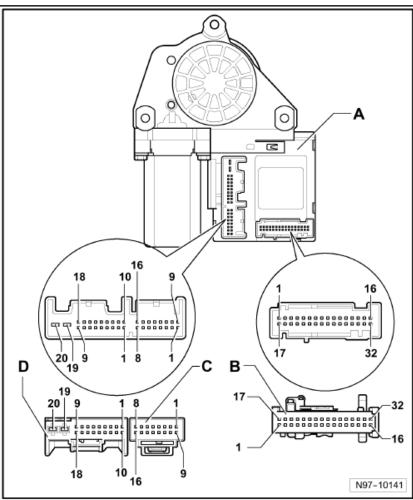
A - Front passenger door control unit -J387-

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



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1.8 Convertible roof actuation control unit -J256- (Roadster)

1.8.1 Location:

in insert luggage compartment -Item 6-

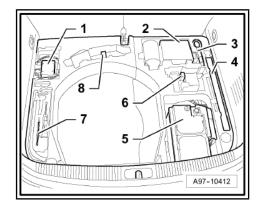
- 1 Aerial amplifier for mobile telephone -R86- (not USA)
- Satellite radio -R146- (only USA)
- 2 Breakdown set
- 3 Towline anchorage
- 4 Warning triangle
- 5 Battery -A-
- 6 Convertible roof actuation control unit -J256- (only Roadster)
- 7 Tools
- 8 Jack

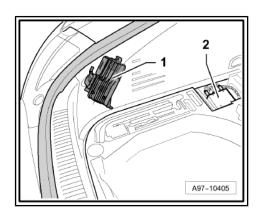


1.9.1 Location:

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)





1.10 Electronically controlled damping control unit -J250-

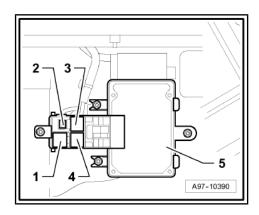
1.10.1 Location:

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-

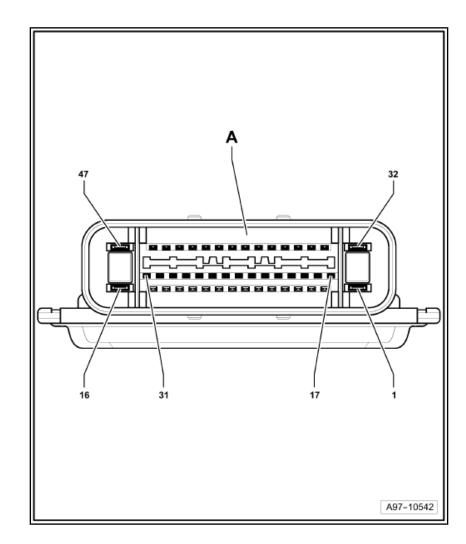




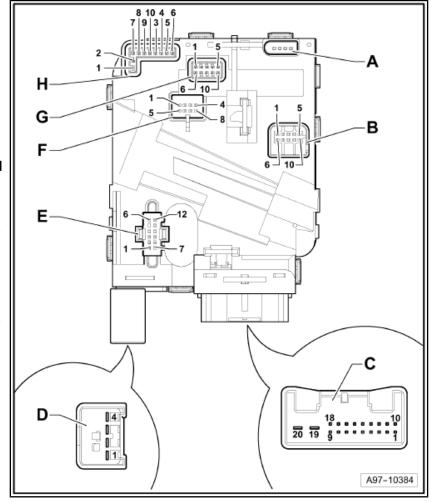


1.10.2 Connector assignment of electronically controlled damping control unit -J250-

- 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 assigment ⇒ page 19
- C 20-pin connector -T20c-, black
 - □ Connector assigment ⇒ page 19
- D 4-pin connector -T4d-, yellow
 - □ Connector assigment ⇒ page 20
- E 12-pin connector -T12i- mounting ignition/starter switch -D- / ignition key withdrawal lock solenoid -N376-
 - □ Connector assigment ⇒ 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 assigment ⇒ page 20
- G 10-pin connector -T10ag- steering angle sender -G85-
 - □ Connector assignment ⇒ page 21 otected by copyright. Copying for private or commercial purposes, in part or in whole, is not
- H 10-pin connector -T10ah- airbag coil connector and return spring with slip ring by Fij138 AUDI AG.
 - ☐ Connector assigment ⇒ 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)



- 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

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- 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

No. 804 / 1

- 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



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-

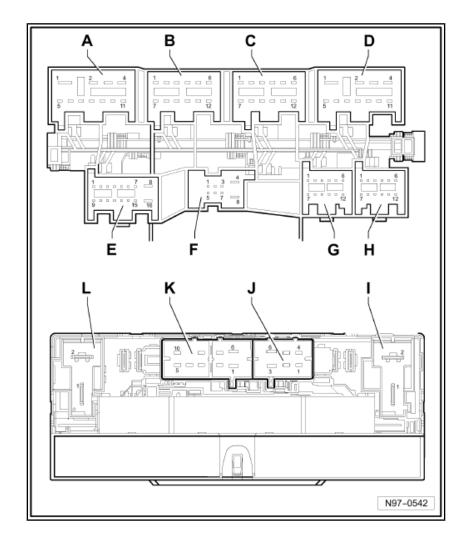
- 1 Relay carrier on left under dash panel
- 2 Onboard supply control unit -J519-



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



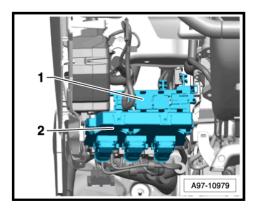


1.12.3 Location, from June 2009:

Behind shelf on driver side -Item 2-

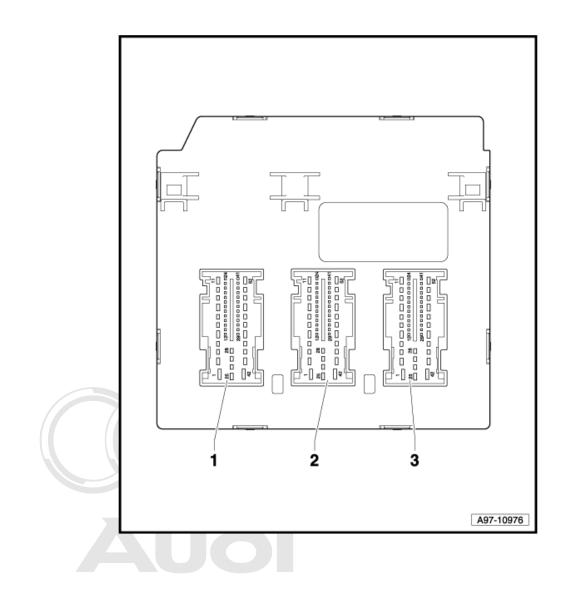
- 1 Relay carrier on left under dash panel
- 2 Onboard supply control unit -J519-





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



1.13 Control unit in dash panel insert -J285-

1.13.1 Location:

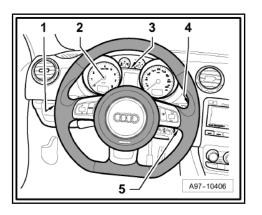
in dash panel insert -Item 2-

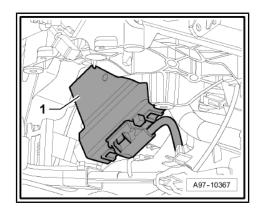
- 1 Onboard supply control unit -J519-
- 1 Relay carrier on left under dash panel
- 2 Control unit in dash panel insert -J285-
- 3 Tyre pressure monitor control unit 2 -J793-
- 4 Headlight range control, control unit -J431-
- 5 Data bus diagnostic interface -J533-



1.14.1 Location:

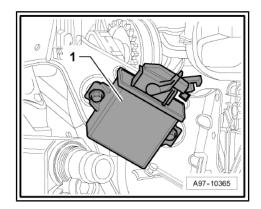
Behind the shelf on the driver's side bottom, next to the steering





- 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-

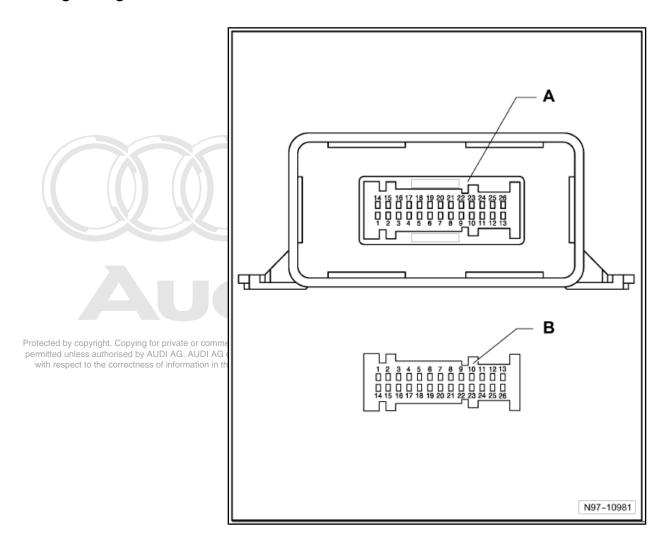




1.15.2 Connector assignment of control unit for headlight range control -J431-

A - Headlight range control, control unit -J431-Pin connector

B - 26-pin connector -T26a- , black

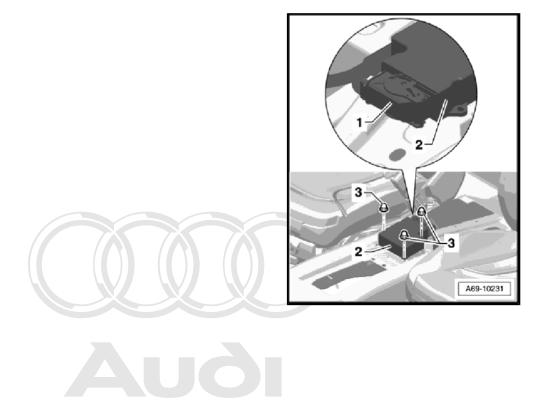


1.16 Airbag control unit -J234-

1.16.1 Location:

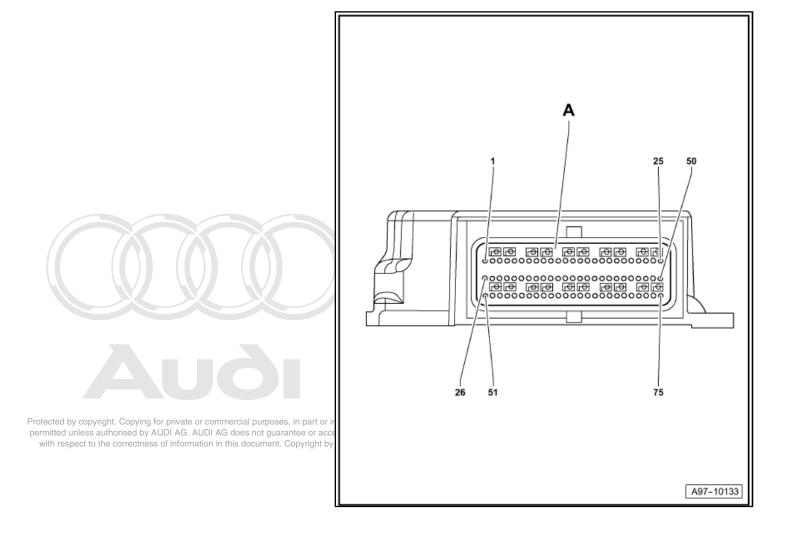
Under centre console

- 1 Pin connector
- 2 Airbag control unit -J234-
- 3 Nut



1.16.2 Connector assigment of airbag control unit -J234-

A - 75-pin connector -T75-, yellow

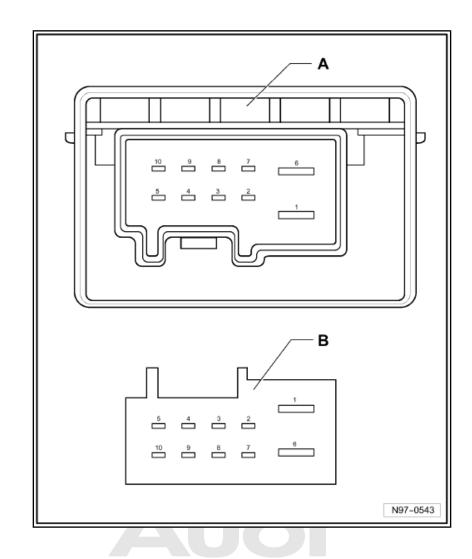


1.17 Fuel pump control unit -J538-

A - Fuel pump control unit -J538-

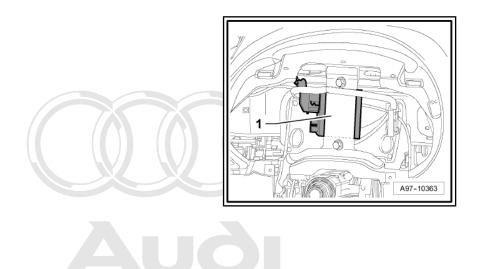
Pin connector

B - 10-pin connector -T10k-, on wiring harness, black



- 1.18 Tyre pressure monitor control unit 2 -J793-
- 1.18.1 Location:

Behind the instrument cluster -Item 1-



1 Relay

1.1 Overview of relay carrier

Relay carrier on left under dash panel

☐ Relay positions <u>⇒ page 2</u>

2 -

Relay carrier on onboard power supply control unit

- ☐ Left under dash panel
- ☐ Relay positions, up to May 2009 <u>⇒ page 4</u>
- ☐ Relay positions, from June 2009 ⇒ page 5

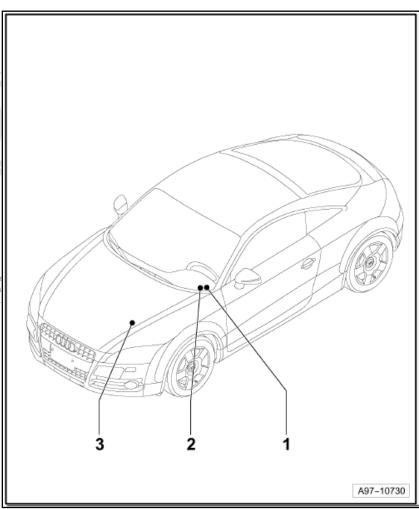
3 -

Relay carrier on electronics box

- ☐ Location in engine compartment, front left
- ☐ Relay positions of electronics box ⇒ page 3



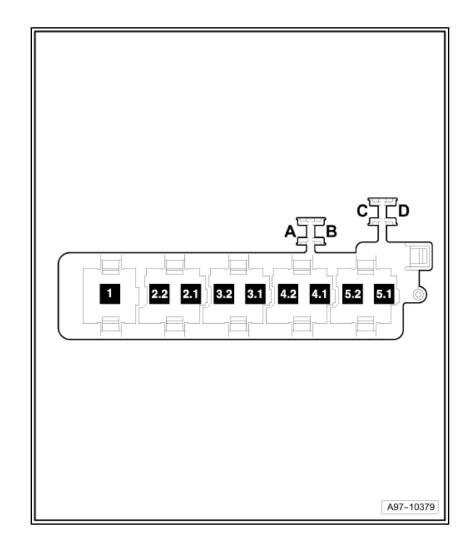
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1.2 Relay positions under left dash panel

- 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

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- 3 High heat output relay -J360- with respect to the correctness of information in this document. Copyright by AUDI AG.
 - ☐ from September 2008
- 4 Terminal 50 voltage supply relay -J682-
- 5 Cabrio windbreak control unit -J531-, windbreak relay

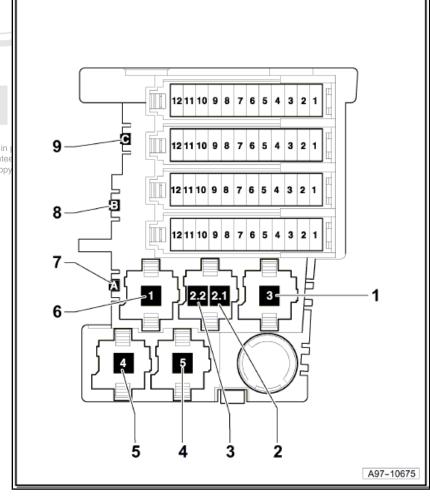


1.3 Relay locations on electronics box, engine compartment

- 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

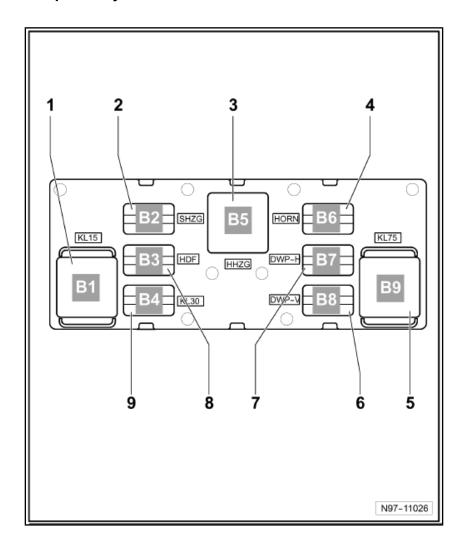


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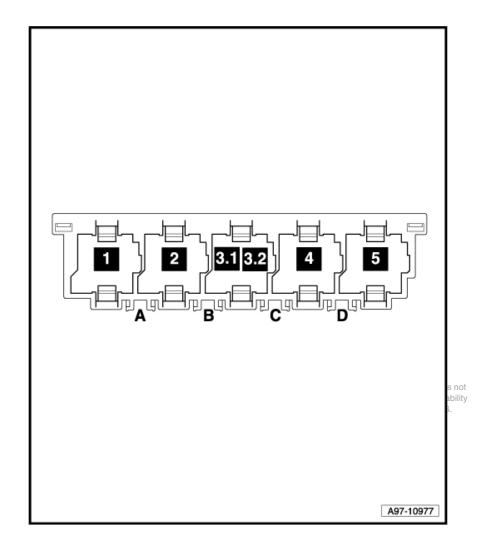
1.4 Relay positions on onboard supply control unit, under left dash panel, up to May 2009

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

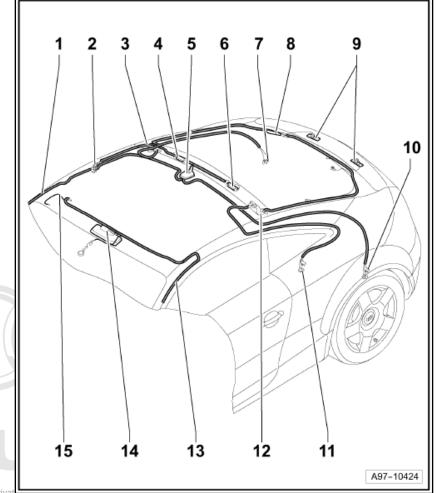
- 1 Terminal 15 voltage supply relay 2 -J681-
- 2 Heated rear window relay -J9-
- 3.1 Horn relay -J413-
- 3.2 Headlight washer system relay -J39-
- 4 Vacant
- 5 Vacant



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



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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-

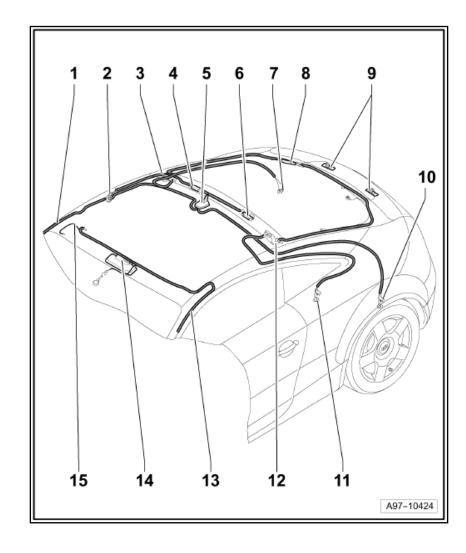
-

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



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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

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-

Operating unit for window regulator in driver door -E512-, window regulator switch in front passenger door -E107-

6 -

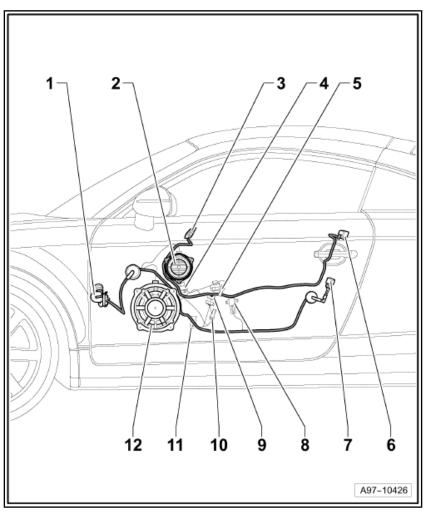
Alarm system off switch -E217-, interior monitoring deactivation switch -E183-

Driver side central locking lock unit -F220-, rear left central locking lock unit -F222-

Side airbag crash sensor on driver side -G179-, side airbag crash sensor on front passenger side -G180-



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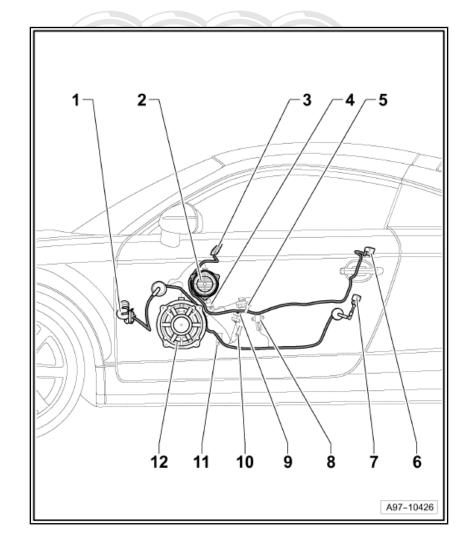


- 9 Driver side door control unit -J386-, front passenger door control unit -J387-
- 10 Driver side door control unit -J386-, front passenger door control unit -J387-
- 11 -

Fuel tank flap release button -E319-, rear lid remote release button -E233-

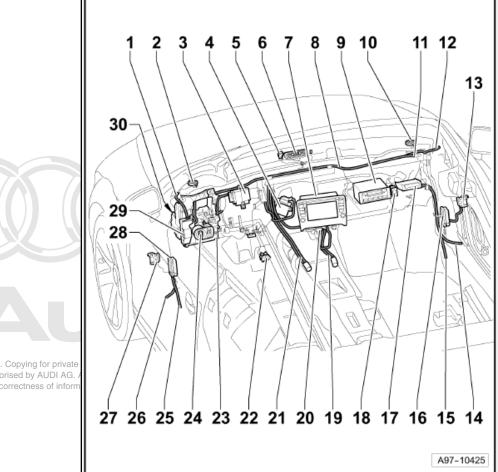
12 -

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-



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- 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

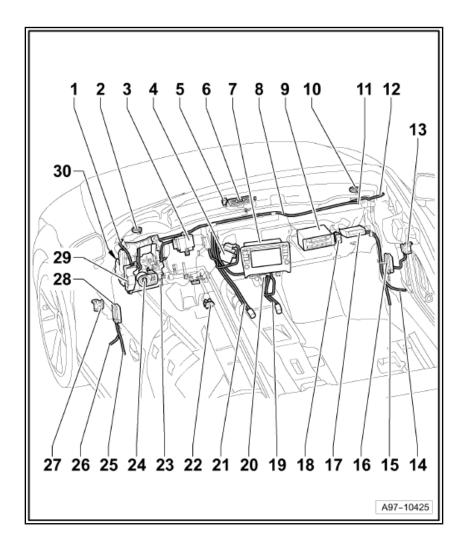
20 -

Connections radio -R-, navigation system with CD drive control unit -J401-

21 - Wiring harness from centre console top along centre console left

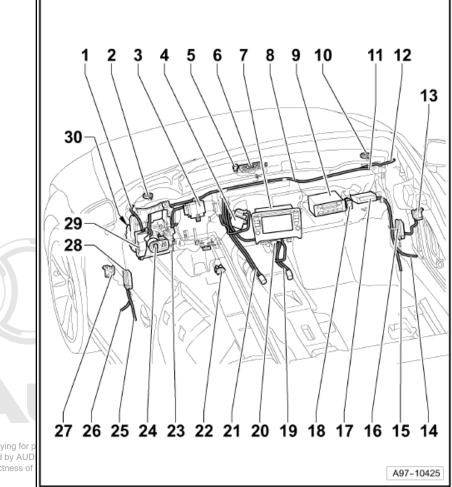


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- 22 Connection switch module steering column
- 23 Onboard power supply control unit -J519-
- 24 Lighting switch -E1-
- 25 Wiring harness from A-pillar to luggage compartment left
- 26 Crimp connector CAN-BUS
- 27 Coupling driver door -T20a-
- 28 Duct A-pillar left
- 29 Fuse holder, left dash panel
- 30 Wiring harness, duct interior engine compartment





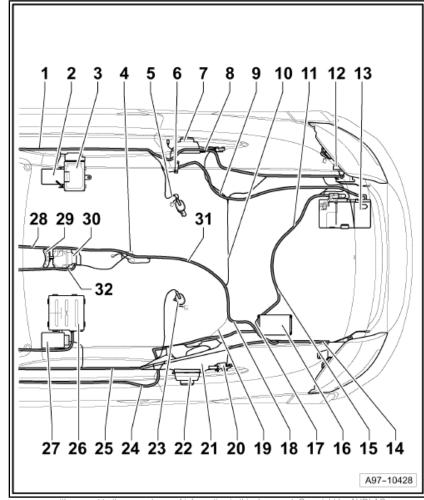
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1.4 Routing in the interior

1 - Wiring harness to A-pillar right

Audi TT

- 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-



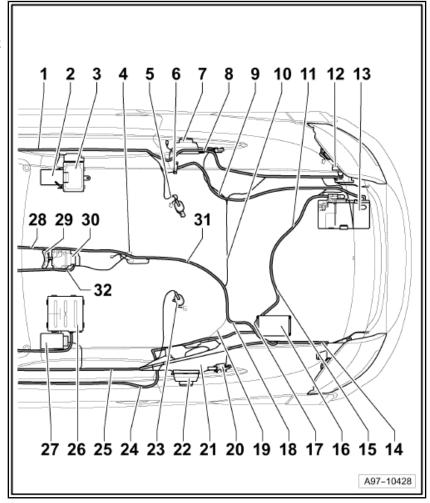
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- 12 Connections right tail light and right in luggage compartment control units
- 13 -

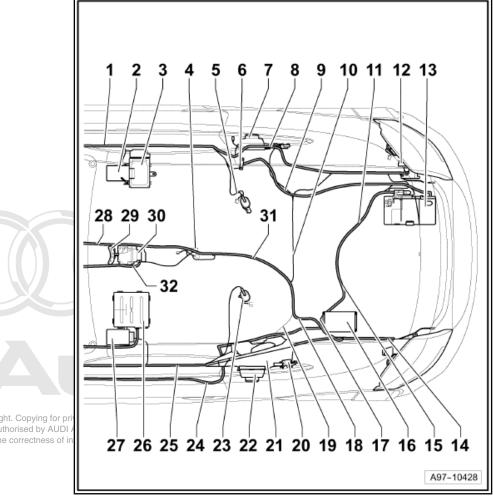
Battery -A- with main fuse box and battery isolation igniter -N253- in luggage compartment, rear right

- 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 -R148exted by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI 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 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



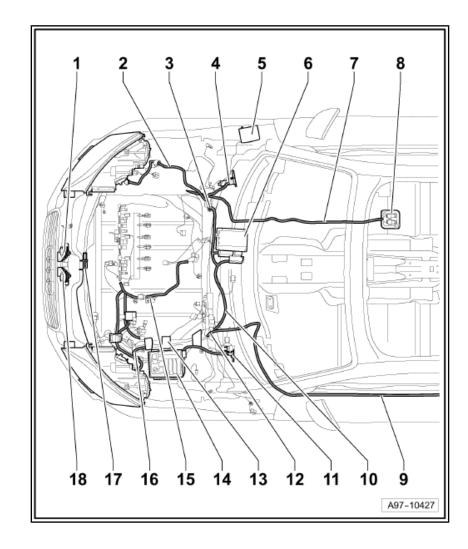
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1.5 Routing wiring harness plenum chamber - engine compartment

- 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



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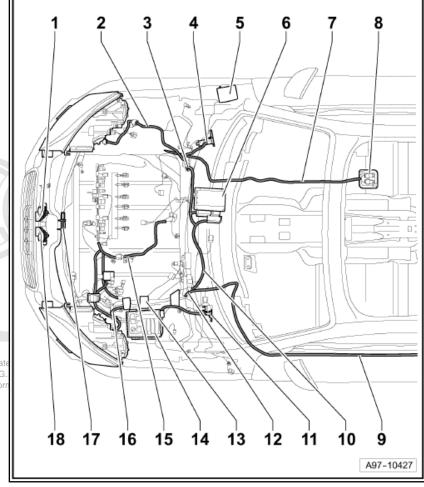




- 12 Transition to dash panel left
- 13 Cable channel in left engine compartment
- 14 Electronics box engine compartment
- 15 Engine prewiring
- 16 Wiring harness engine compartment left to headlight
- 17 -

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)

18 - Bass tone horn -H7-



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