

Audi A6

Current Flow Diagram

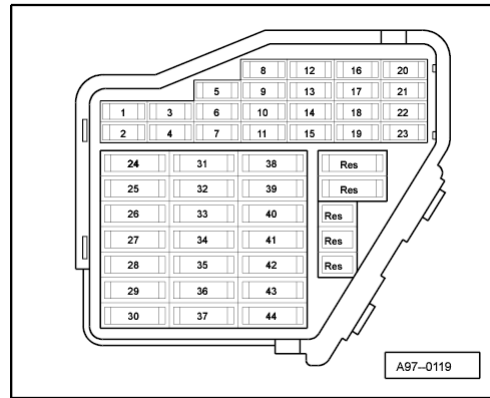
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Edition 06.2002

Anti-lock brake system 5.7 (ABS) with traction control system (ASR/TCS) and electronic stability program (ESP)

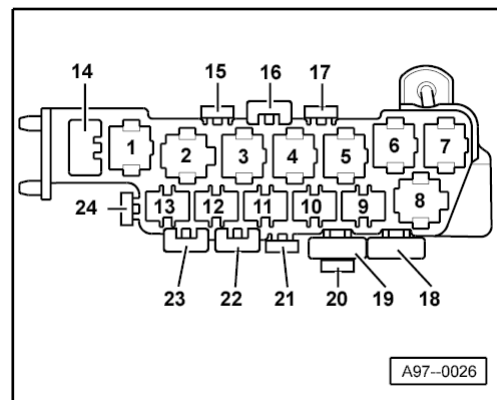
From model year 2002

Fuse box



From fuse number 23 upwards the fuses in the fuse box are designated as 223 etc. in the Current Flow Diagram.

8-point relay carrier



Position of relays:

18 - ABS control unit fuse (S123)

Fuse colours:

30 A - green

25 A - white

20 A - yellow

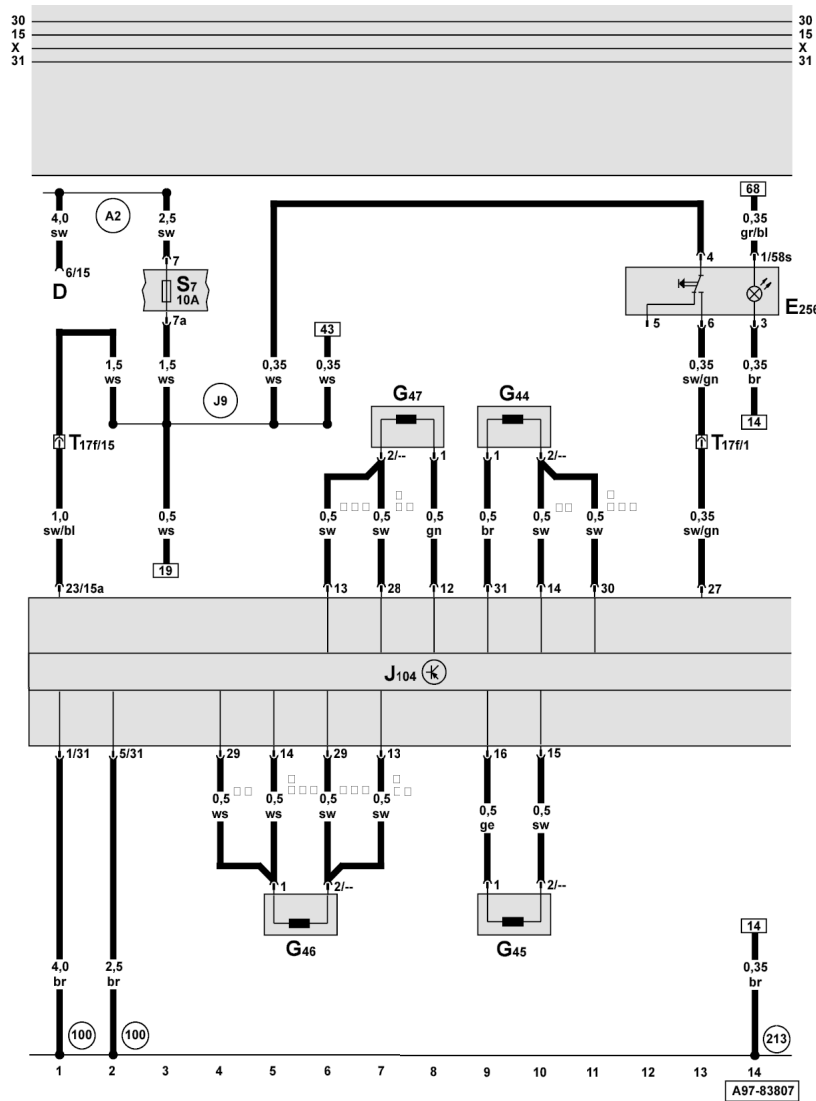
15 A - blue

10 A - red

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Current Flow Diagram

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ABS with EDL control unit, speed sensors

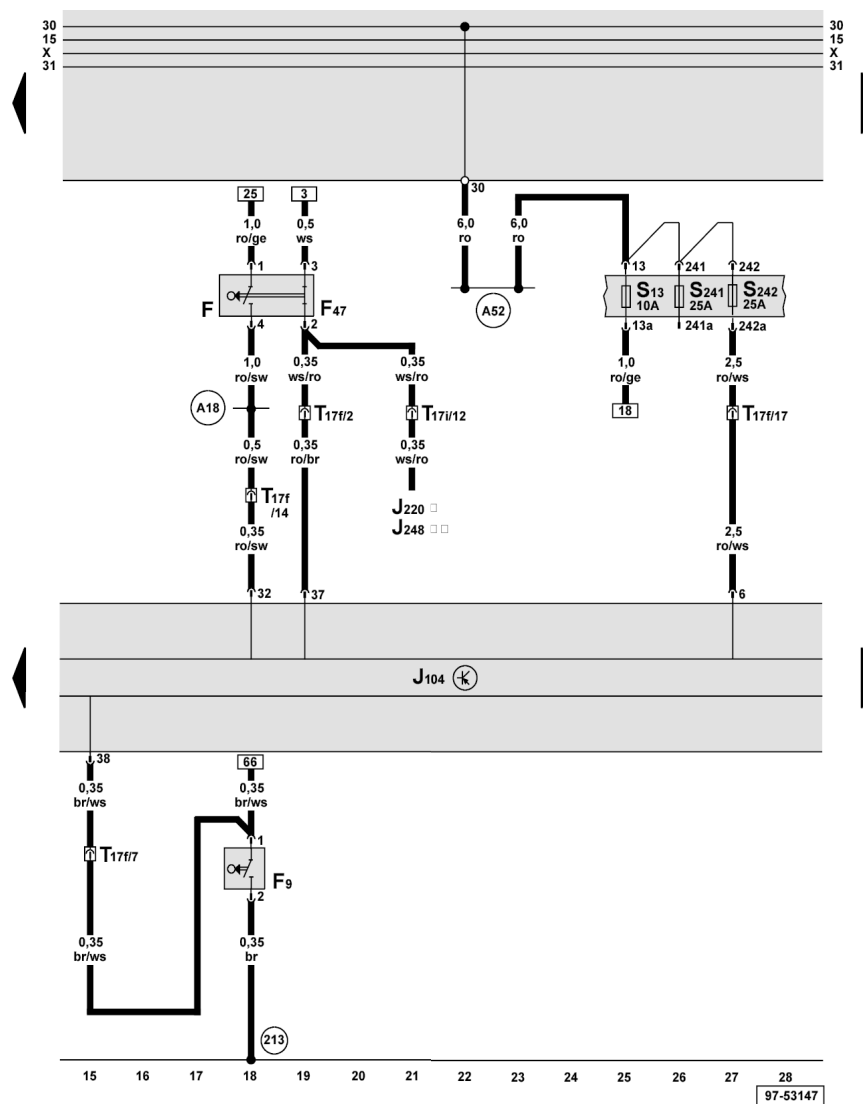
- D - Ignition/starter switch
- E256 - TCS/ESP button
- G44 - Rear right speed sensor
- G45 - Front right speed sensor
- G46 - Rear left speed sensor
- G47 - Front left speed sensor
- J104 - ABS with EDL control unit
- S7 - Fuse in fuse box
- T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
- 100 - Earth connection -1-, in ABS wiring harness
- 213 - Earth connection -4-, in dash panel wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- J9 - Connection -1- (15a), in ABS wiring harness
- * - Models with front-wheel drive
- ** - Models with four-wheel drive
- *** - Applies to S6 models only

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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Current Flow Diagram

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ABS with EDL control unit, brake light switch, handbrake warning switch

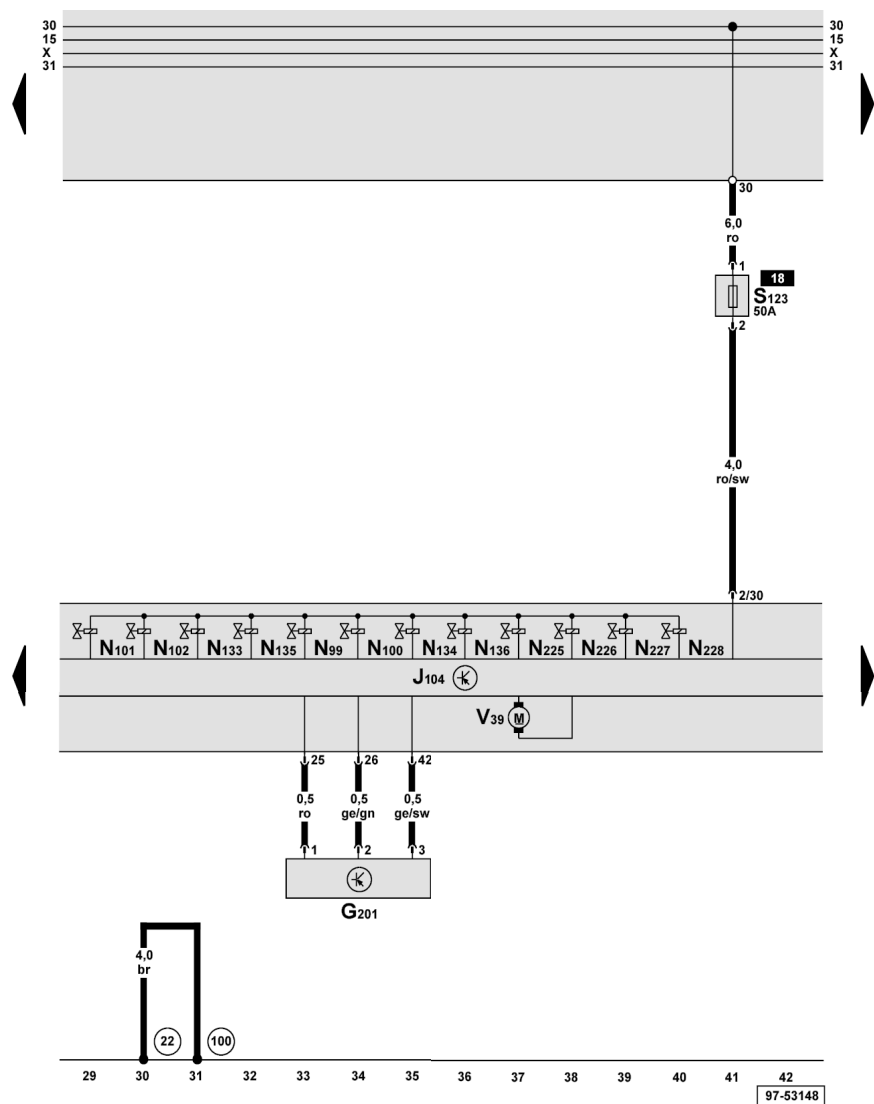
- F - Brake light switch
- F9 - Handbrake warning switch
- F47 - Cruise control system brake pedal switch (diesel direct injection system)
- J104 - ABS with EDL control unit
- J220 - Motronic control unit
- J248 - Diesel direct injection system control unit
- S13 - Fuse in fuse box
- S241 - Fuse 41 in fuse box
- S242 - Fuse 42 in fuse box
- T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
- T17i - 17-pin connector, white, connector point, electronics box, plenum chamber
- 213 - Earth connection -4-, in dash panel wiring harness
- A18 - Connection (54), in dash panel wiring harness
- A52 - Positive (+) connection 2 (30), in dash panel wiring harness
- * - Models with petrol engines
- ** - Models with diesel engines

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Current Flow Diagram

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ABS with EDL control unit, brake pressure sender

- J104 - ABS with EDL control unit
- G201 - Brake pressure sender -1-
- N99 - ABS inlet valve, front right
- N100 - ABS outlet valve, front right
- N101 - ABS inlet valve, front left
- N102 - ABS outlet valve, front left
- N133 - ABS inlet valve, rear right
- N134 - ABS inlet valve, rear left
- N135 - ABS outlet valve, rear right
- N136 - ABS outlet valve, rear left
- N225 - Electronic stability program switch valve -1-
- N226 - Electronic stability program switch valve -2-
- N227 - Electronic stability program high pressure valve -1-
- N228 - Electronic stability program high pressure valve -2-
- S123 - ABS control unit fuse 1
- V39 - ABS return flow pump
- 22 - Earth point, on hydraulic unit
- 100 - Earth connection -1-, in ABS wiring harness

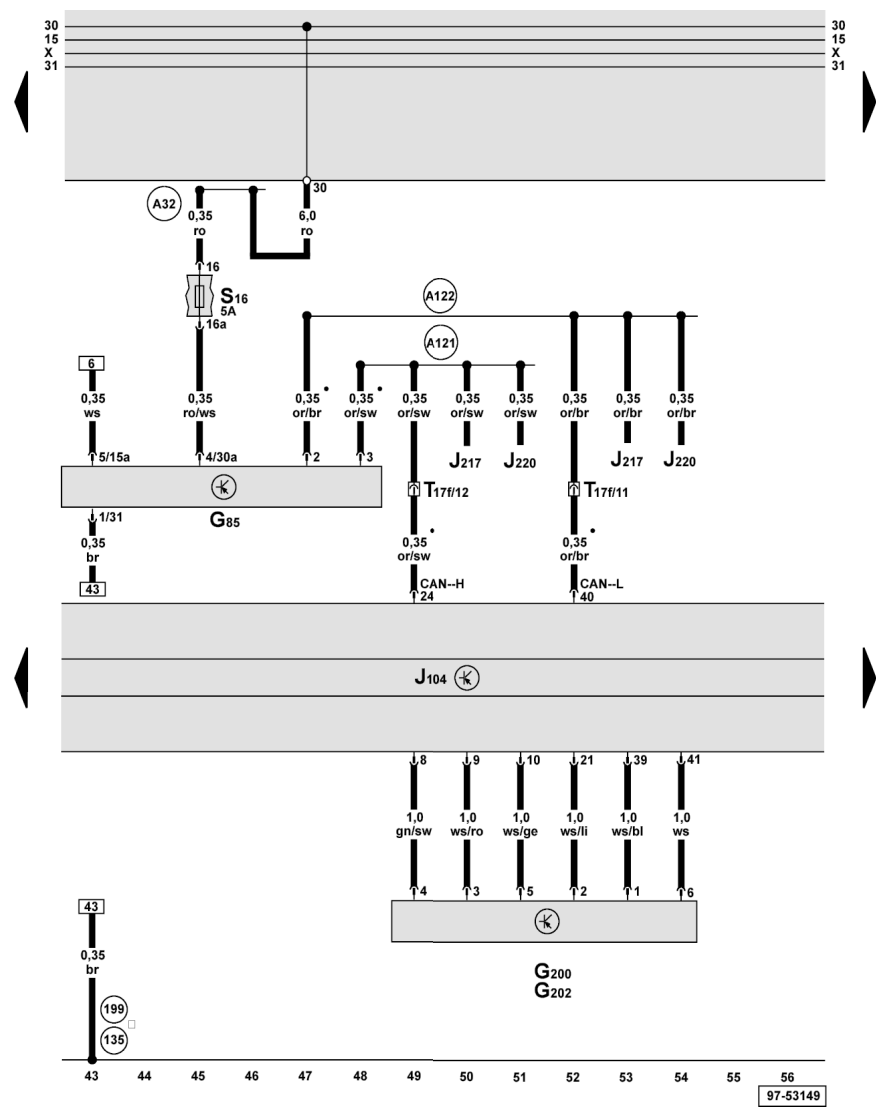
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Current Flow Diagram

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ABS with EDL control unit, steering angle sender, lateral acceleration sender, yaw rate sender

- G85 - Steering angle sender
- G200 - Lateral acceleration sender
- G202 - Yaw rate sender
- J104 - ABS with EDL control unit
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- S16 - Fuse in fuse box
- T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
- 135 - Earth connection -2-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A32 - Positive (+) connection (30), in dash panel wiring harness
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness

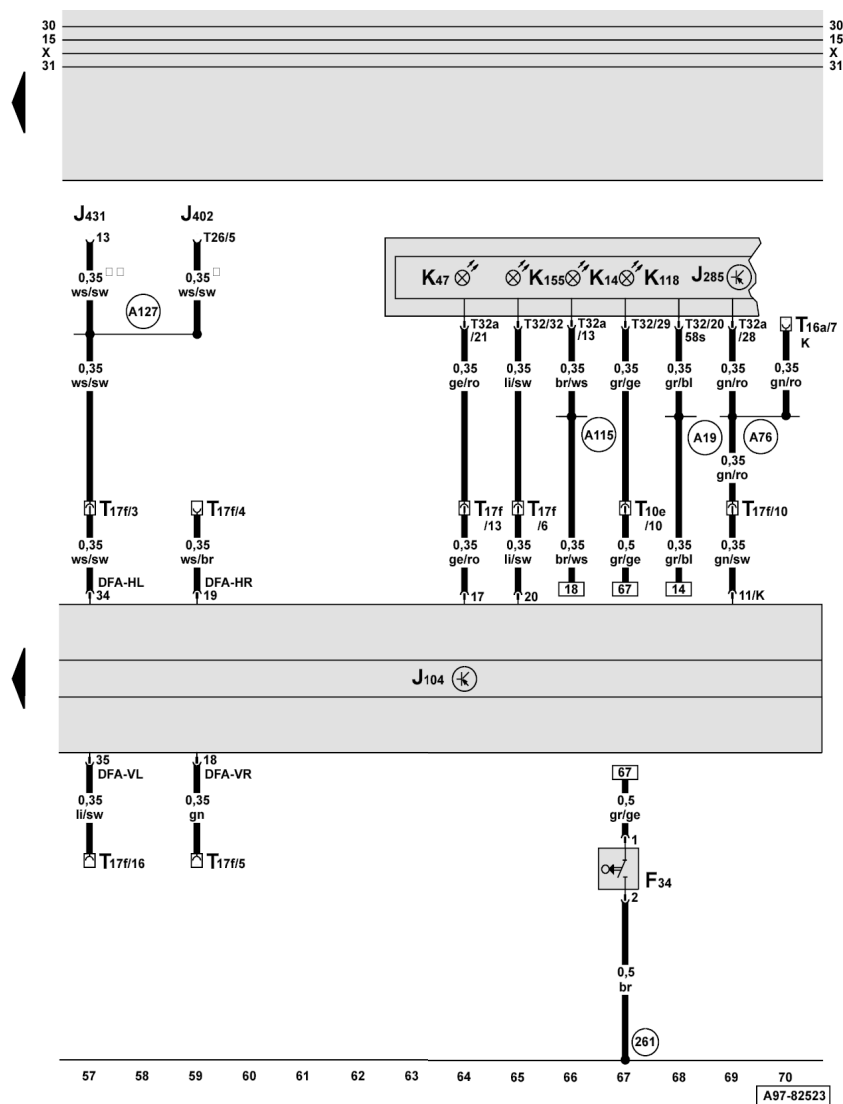
- - CAN bus (data wire)
- * - Both possible

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 ge = yellow
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Current Flow Diagram

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ws = white
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 rs = pink

ABS with EDL control unit, ABS warning lamp

- F34 - Brake fluid level warning contact
- J104 - ABS with EDL control unit
- J285 - Control unit with display in dash panel insert
- J402 - Operating electronics control unit, navigation
- J431 - Headlight range control, control unit
- K14 - Handbrake warning lamp
- K47 - ABS warning lamp
- K118 - Brake system warning lamp
- K155 - Stability program warning lamp
- T10e - 10-pin connector, purple, connector point, A pillar, left
- T16a - 16-pin connector, diagnosis connection
- T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
- T26 - 26-pin connector, on operating electronics control unit, navigation
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 261 - Earth connection, in heated washer jet wiring harness

- A19 - Connection (58s), in dash panel wiring harness (switch illumination)
- A76 - Connection (diagnosis wire K), in dash panel wiring harness

- A115 - Connection (handbrake warning), in dash panel wiring harness
- A127 - Connection (rear left speed sensor), in dash panel wiring harness

- * - Models with radio navigation system
- ** - Models with automatic dynamic headlight range control

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