

Audi A6

Current Flow Diagram

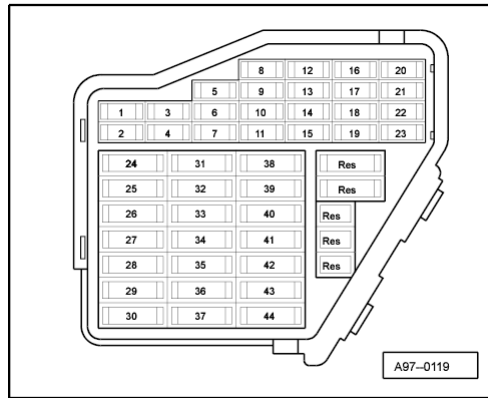
No. 63 / 1

Edition 06.2002

Automatic gearbox (01V), (01L)

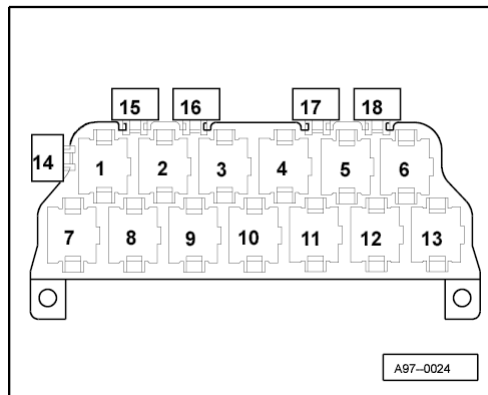
From model year 2001

Fuse box



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

13-point relay carrier



Position of relays:

4 - Starter inhibitor relay (J207)

Fuse colours:

30 A - green

25 A - white

20 A - yellow

15 A - blue

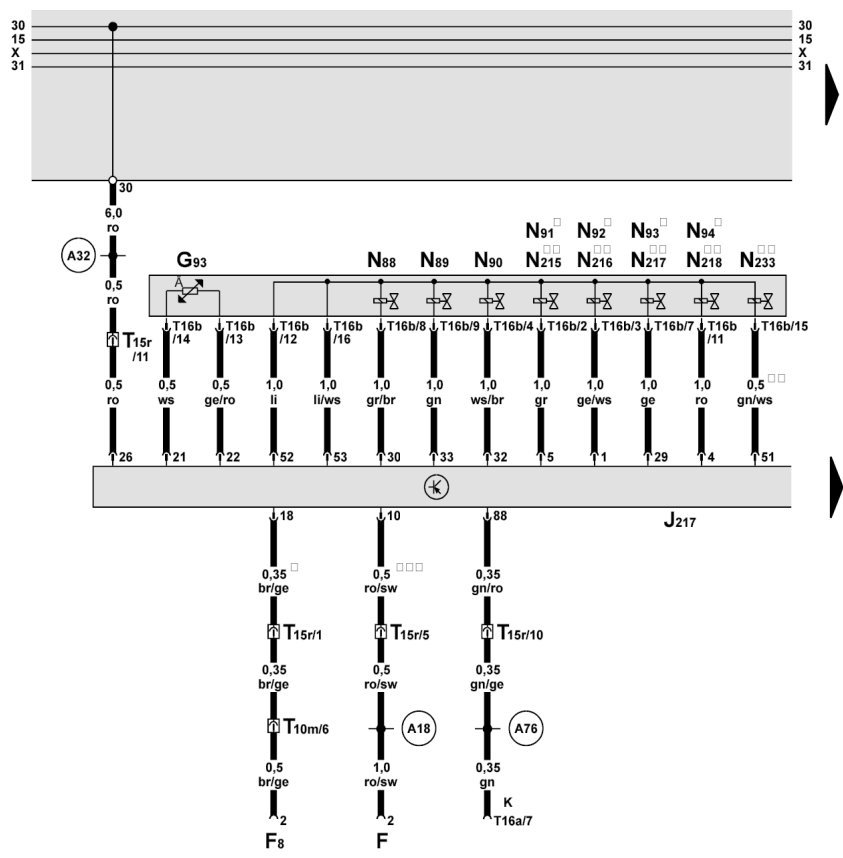
10 A - red

7.5 A - brown

Audi A6

Current Flow Diagram

No. 63 / 2



Automatic gearbox control unit, solenoid valves, kick-down switch

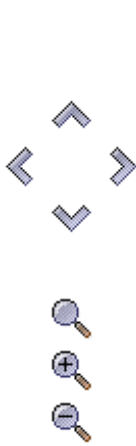
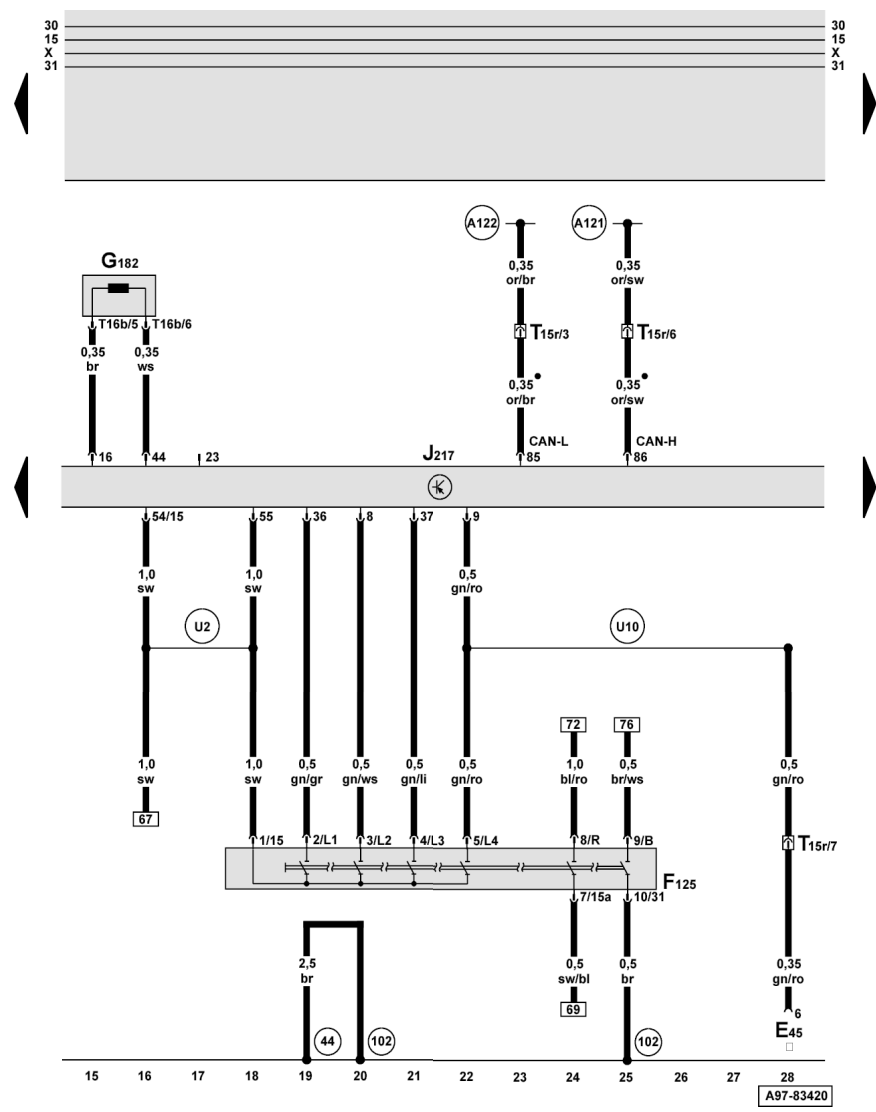
- F - Brake light switch
- F8 - Kick-down switch
- G93 - Gearbox oil temperature sender
- J217 - Automatic gearbox control unit
- N88 - Solenoid valve 1
- N89 - Solenoid valve 2
- N90 - Solenoid valve 3
- N91 - Solenoid valve 4
- N92 - Solenoid valve 5
- N93 - Solenoid valve 6
- N94 - Solenoid valve 7
- N215 - Automatic gearbox pressure control control unit
- N216 - Automatic gearbox pressure control control unit
- N217 - Automatic gearbox pressure control control unit
- N218 - Automatic gearbox pressure control control unit
- N233 - Automatic gearbox pressure control control unit
- T10m - 10-pin connector, blue, connector point, electronics box, plenum chamber
- T15r - 15-pin connector, blue, connector point, A pillar, right
- T16a - 16-pin connector, diagnosis connection
- T16b - 16-pin connector, on gearbox
- A18 - Connection (54), in dash panel wiring harness
- A32 - Positive (+) connection (30), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- * - Applies to gearbox 01L only without CAN bus (data wire)
- ** - Applies to gearbox 01L only
- *** - Does not apply to gearbox 01L

ws = white
 sw = black
 ro = red
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Audi A6

Current Flow Diagram

No. 63 / 3



Automatic gearbox control unit, multi-function switch

- E45 - Cruise control system switch
- F125 - Multi-function switch
- G182 - Gearbox input speed sender
- J217 - Automatic gearbox control unit
- T15r - 15-pin connector, blue, connector point, A pillar, right
- T16b - 16-pin connector, on gearbox
- 44 - Earth point, lower part of left A pillar
- 102 - Earth connection, in gearbox wiring harness
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- U2 - Connection -1- (15), in automatic gearbox wiring harness
- U10 - Connection (cruise control system), in automatic gearbox control unit
- - CAN bus (data wire)
- * - Models with cruise control system

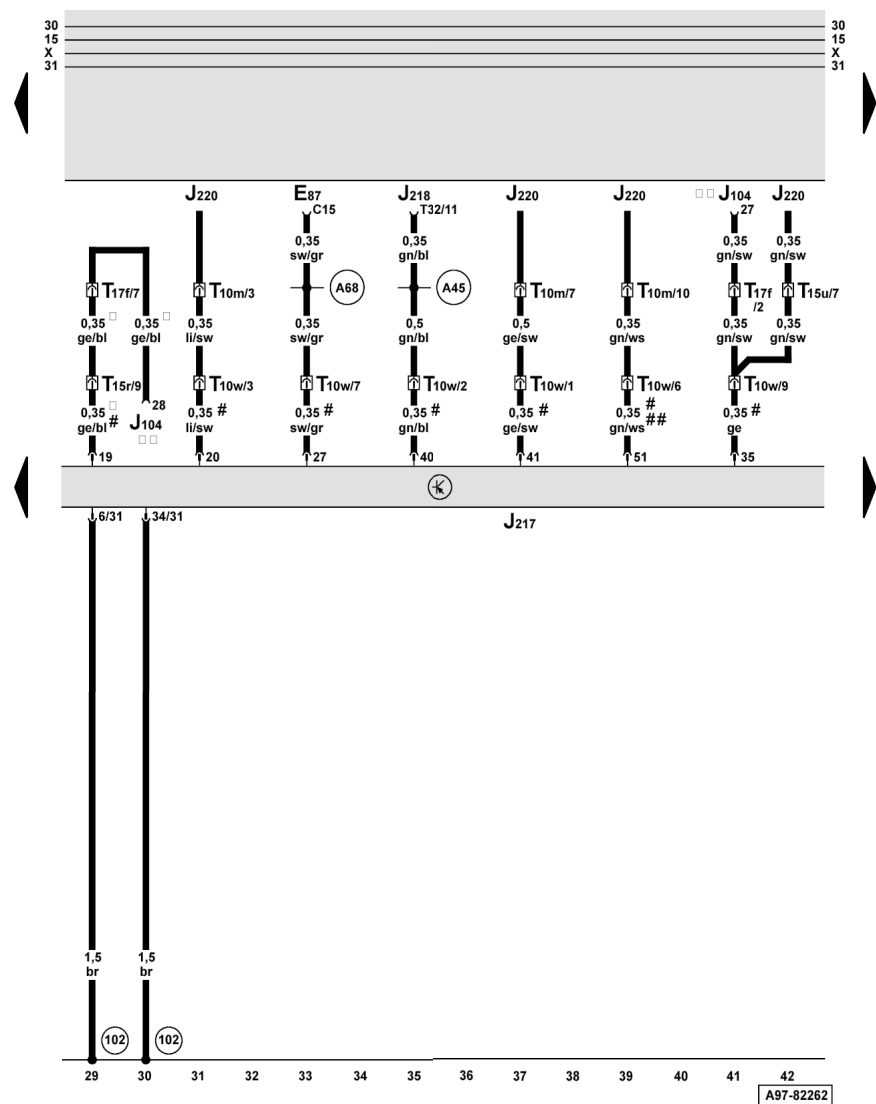
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A97-83420

Audi A6

Current Flow Diagram

No. 63 / 4



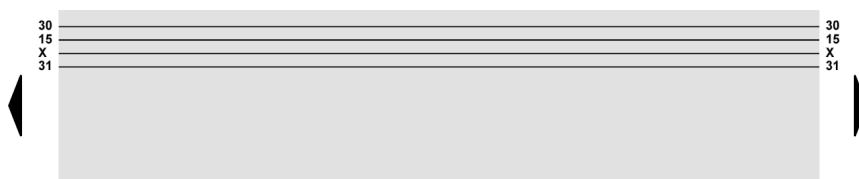
- Automatic gearbox control unit, Tiptronic switch**
- E87 - Control and display unit for air conditioner
 - J104 - ABS with EDL control unit
 - J217 - Automatic gearbox control unit
 - J218 - Combi-processor in dash panel insert
 - J220 - Motronic control unit
 - T10m - 10-pin connector, blue, connector point, electronics box, plenum chamber
 - T10w - 10-pin connector, blue, connector point, A pillar, right
 - T10au - 10-pin connector, grey, connector point, A pillar, right
 - T15r - 15-pin connector, blue, connector point, A pillar, right
 - T15u - 15-pin connector, red, connector point, electronics box, plenum chamber
 - T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
 - T32 - 32-pin connector, blue, on dash panel insert
 - 102 - Earth connection, in gearbox wiring harness
 - A45 - Connection (engine speed signal), in dash panel wiring harness
 - A68 - Connection (C15, air conditioner), in dash panel wiring harness
- * - Models with traction control system
 ** - Models with ABS 5.3
 # - Only models without CAN bus (data wire)
 ## - Does not apply to gearbox 01L

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Audi A6

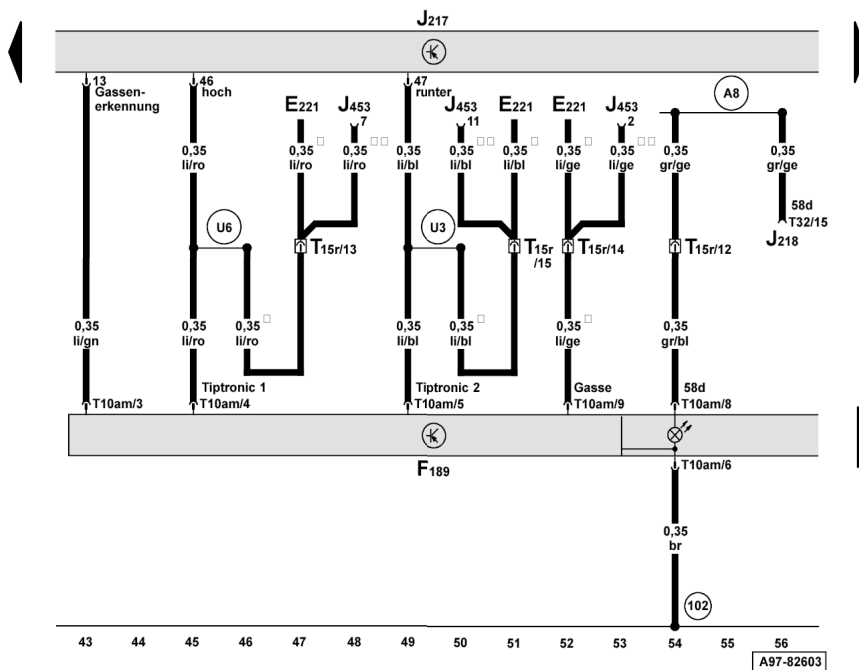
Current Flow Diagram

No. 63 / 5



Automatic gearbox control unit, Tiptronic switch

- E221 - Operating unit in steering wheel
- F189 - Tiptronic switch
- J217 - Automatic gearbox control unit
- J218 - Combi-processor in dash panel insert
- J453 - Multi-function steering wheel control unit
- T10am - 10-pin connector, on selector lever console
- T15r - 15-pin connector, blue, connector point, A pillar, right
- T32 - 32-pin connector, blue, on dash panel insert
- 102 - Earth connection, in gearbox wiring harness
- A8 - Positive (+) connection (58d), in dash panel wiring harness (display illumination)
- U3 - Connection -1-, in automatic gearbox wiring harness
- U6 - Connection -2-, in automatic gearbox wiring harness
- * - Tiptronic steering wheel
- ** - Multi-function steering wheel with Tiptronic



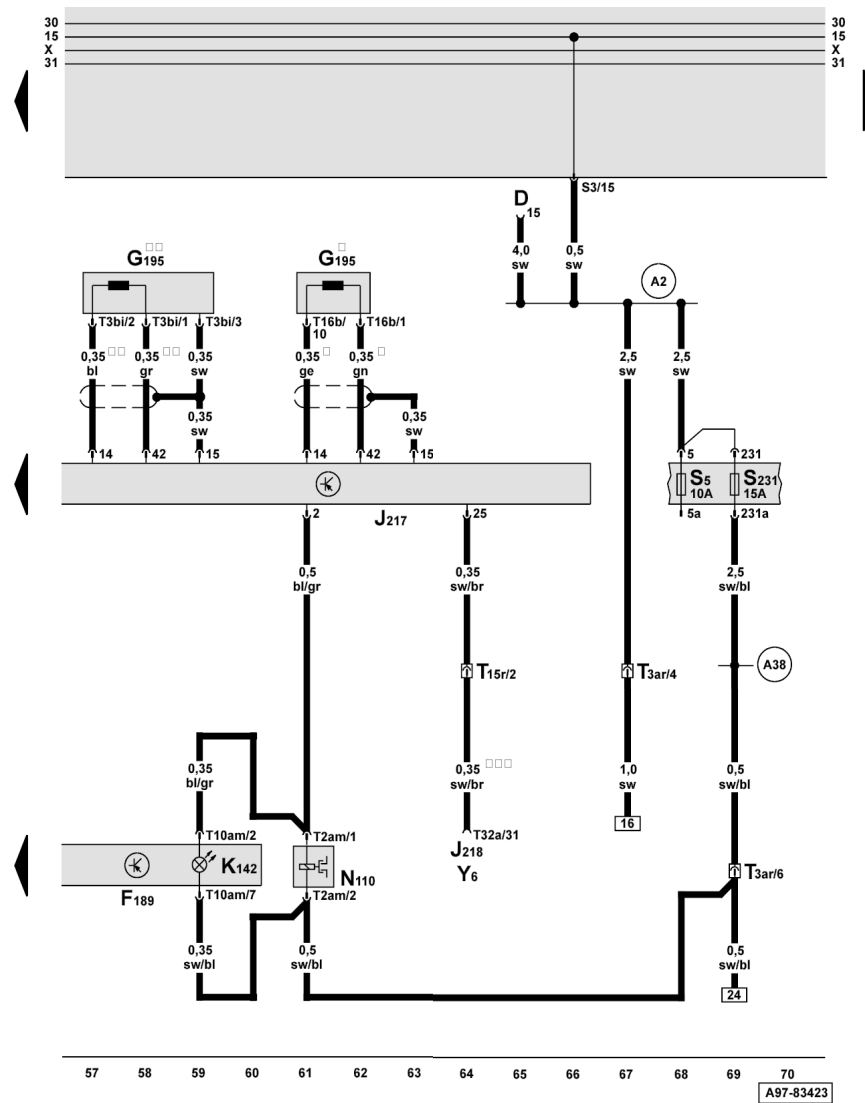
ws = white
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A97-82603

Audi A6

Current Flow Diagram

No. 63 / 6



Automatic gearbox control unit, Tiptronic switch, selector lever lock solenoid, selector lever position indicator

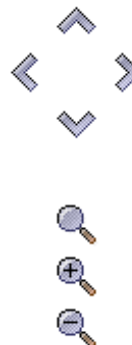
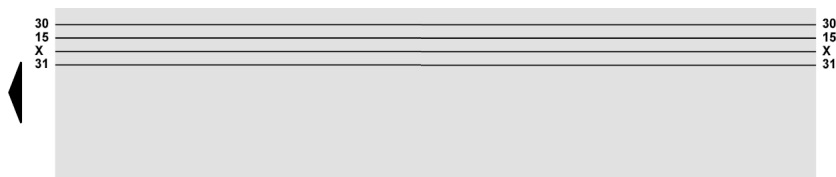
- D - Ignition/starter switch
- F189 - Tiptronic switch
- G195 - Gearbox output speed sender
- J217 - Automatic gearbox control unit
- J218 - Combi-processor in dash panel insert
- K142 - Selector lever position P/N warning lamp
- N110 - Selector lever lock solenoid
- S5 - Fuse in fuse box
- S231 - Fuse 31 in fuse box
- T2am - 2-pin connector, black, on selector lever console
- T3ar - 3-pin connector, blue, connector point, A pillar, right
- T3bi - 3-pin connector, black, on gearbox
- T10am - 10-pin connector, on selector lever console
- T15r - 15-pin connector, blue, connector point, A pillar, right
- T16b - 16-pin connector, on gearbox
- T32a - 32-pin connector, green, on dash panel insert
- Y6 - Selector lever position indicator
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A38 - Positive (+) connection -2- (15a), in dash panel wiring harness
- * - Models with gearbox 01V and 01L, does not apply to Audi S6
- ** - Models with gearbox 01L, applies to Audi S6 only
- *** - Does not apply to dash panel insert with CAN bus

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Audi A6

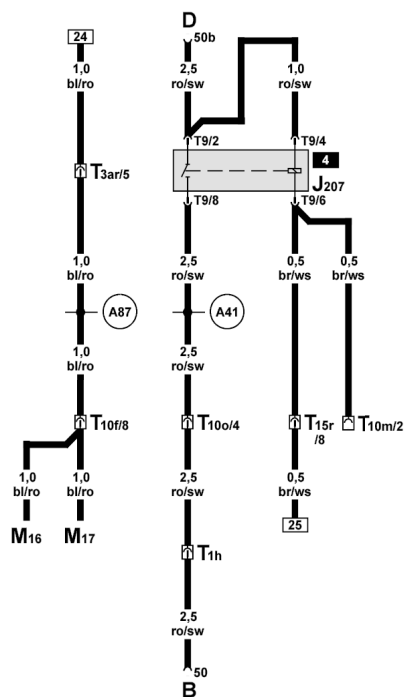
Current Flow Diagram

No. 63 / 7



Reversing light, starter inhibitor relay

- B - Starter
- D - Ignition/starter switch
- J207 - Starter inhibitor relay
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- T1h - Single connector, black, in engine compartment, right
- T3ar - 3-pin connector, blue, connector point, A pillar, right
- T9 - 9-pin connector, brown, at starter inhibitor relay
- T10f - 10-pin connector, brown, connector point, A pillar, left
- T10m - 10-pin connector, blue, connector point, electronics box, plenum chamber
- T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T15r - 15-pin connector, blue, connector point, A pillar, right
- A41 - Positive (+) connection (50), in dash panel wiring harness
- A87 - Connection (RL), in dash panel wiring harness



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