

Audi A6

Current Flow Diagram

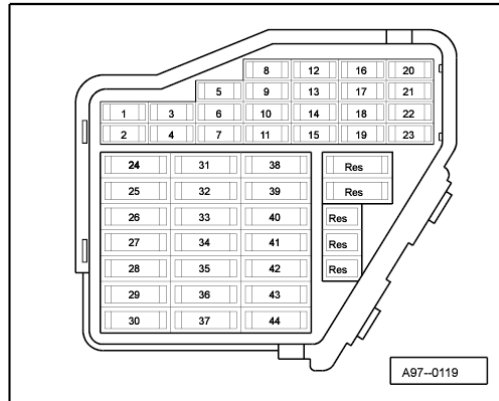
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Edition 07.2004

Automatic gearbox (01V), (01L)

From model year 2003

Fuse box



Fuse colours

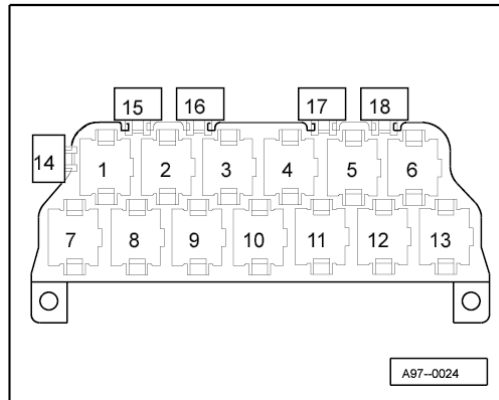
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige



Note:

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



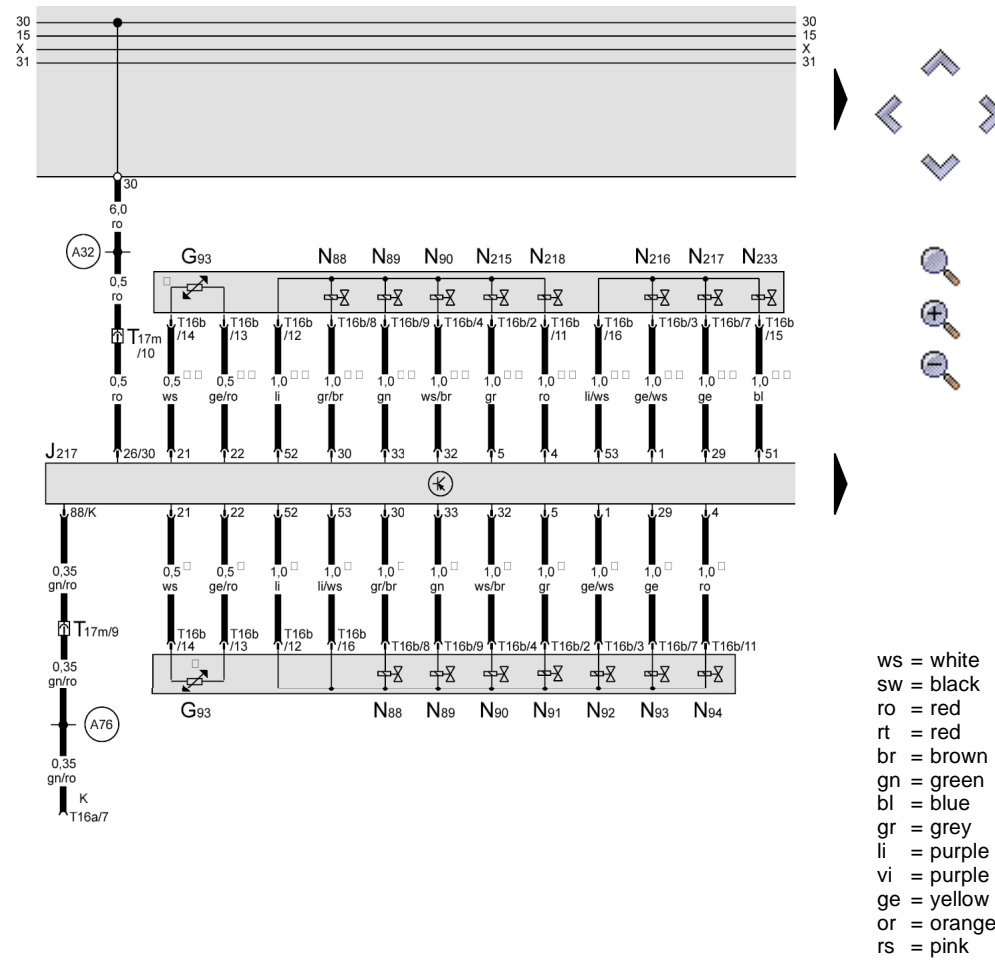
Position of relays

- 4 - Starter inhibitor relay (J207)

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Current Flow Diagram

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Automatic gearbox control unit, solenoid valves, oil temperature sender

- G93 - 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 valve -1-
- N216 - Automatic gearbox pressure control valve -2-
- N217 - Automatic gearbox pressure control valve -3-
- N218 - Automatic gearbox pressure control valve -4-
- N233 - Automatic gearbox pressure control valve -5-
- T16a - 16-pin connector, diagnosis connection
- T16b - 16-pin connector, on gearbox
- T17m - 17-pin connector, blue, connector point, A pillar, right
- A32 - Positive (+) connection (30), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- * - Applies to gearbox 01V only
- ** - Applies to gearbox 01L only

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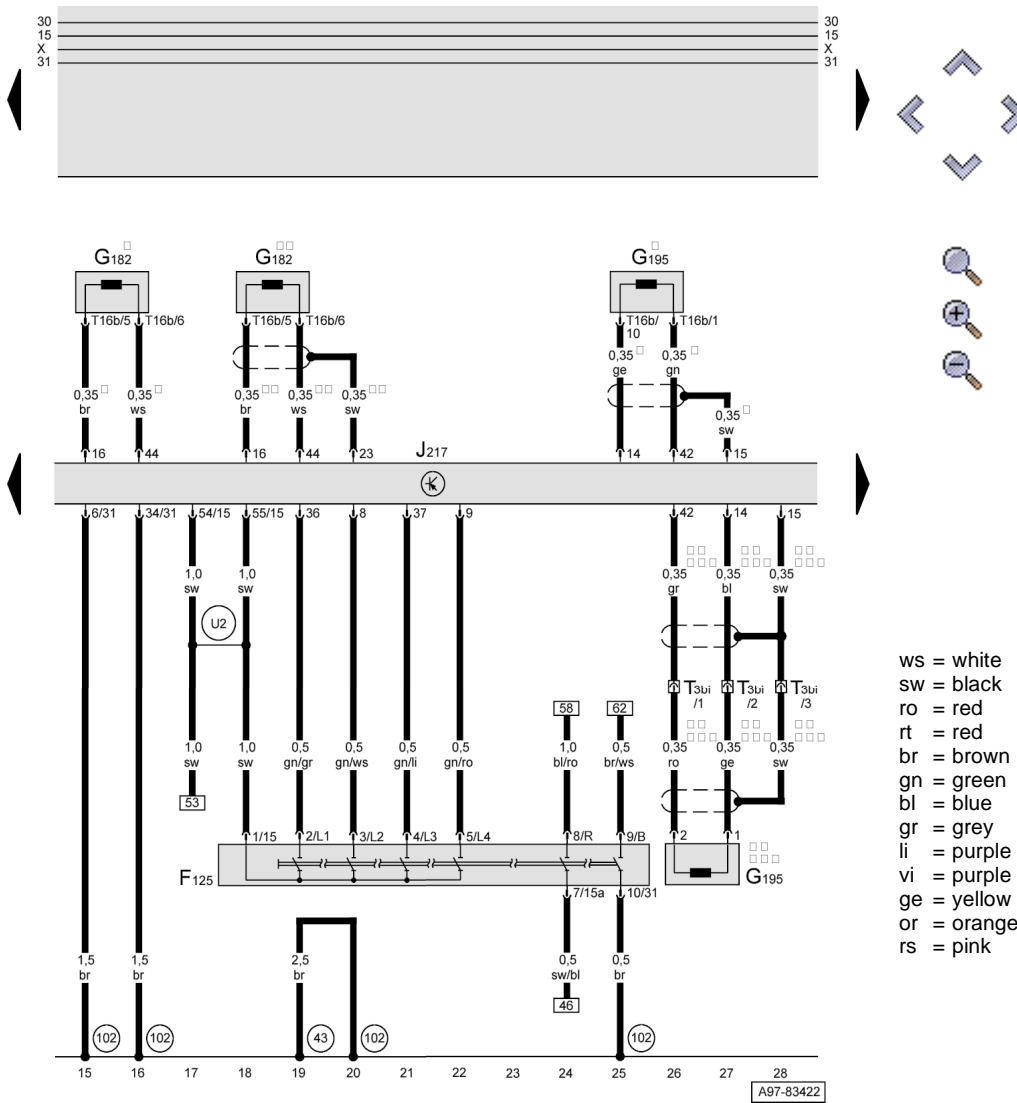
Current Flow Diagram

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Automatic gearbox control unit, multi-function switch, gearbox input speed sender, gearbox output speed sender

- F125 - Multi-function switch
- G182 - Gearbox input speed sender
- G195 - Gearbox output speed sender
- J217 - Automatic gearbox control unit
- T3bi - 3-pin connector, black, near gearbox
- T16b - 16-pin connector, on gearbox
- 43 - Earth point, lower part of right A pillar

- 102 - Earth connection, in gearbox wiring harness
- U2 - Connection -1- (15), in automatic gearbox wiring harness
- * - Applies to gearbox 01V only
- ** - Applies to gearbox 01L only
- *** - Applies to S6 and RS6 models only



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

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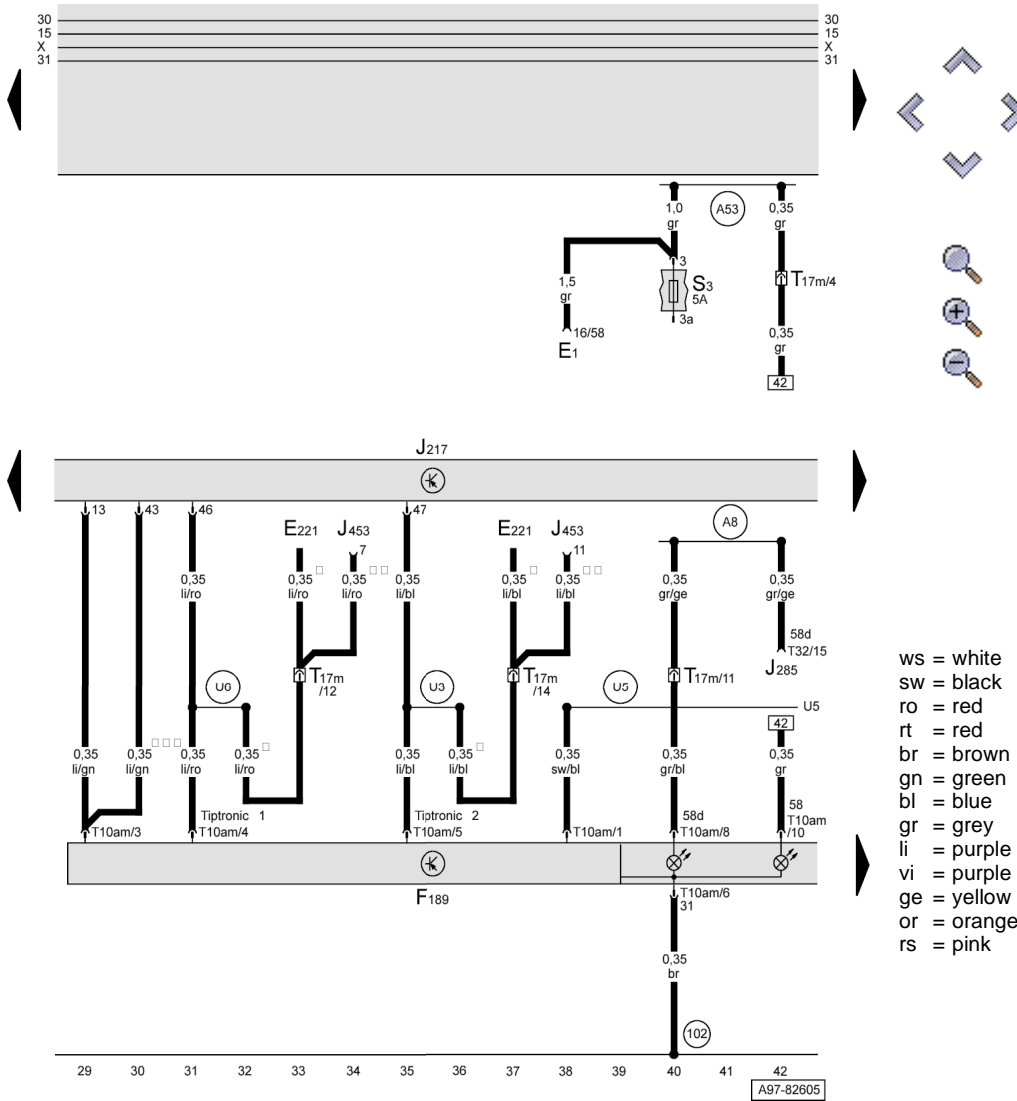
Current Flow Diagram

Automatic gearbox control unit, tiptronic switch

- E1 - Lighting switch
- E221 - Operating unit in steering wheel
- F189 - Tiptronic switch
- J217 - Automatic gearbox control unit
- J285 - Control unit with display in dash panel insert
- J453 - Multi-function steering wheel control unit
- S3 - Fuse in fuse box
- T10am - 10-pin connector, on selector lever console
- T17m - 17-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)
- A53 - Positive (+) connection (58), in dash panel wiring harness
- U3 - Connection -1-, in automatic gearbox wiring harness
- U5 - Connection -2- (15), in automatic gearbox wiring harness
- U6 - Connection -2-, in automatic gearbox wiring harness

- * - Tiptronic steering wheel
- ** - Multi-function steering wheel with Tiptronic
- *** - Phased-in modification, pin 13 is replaced by pin 43



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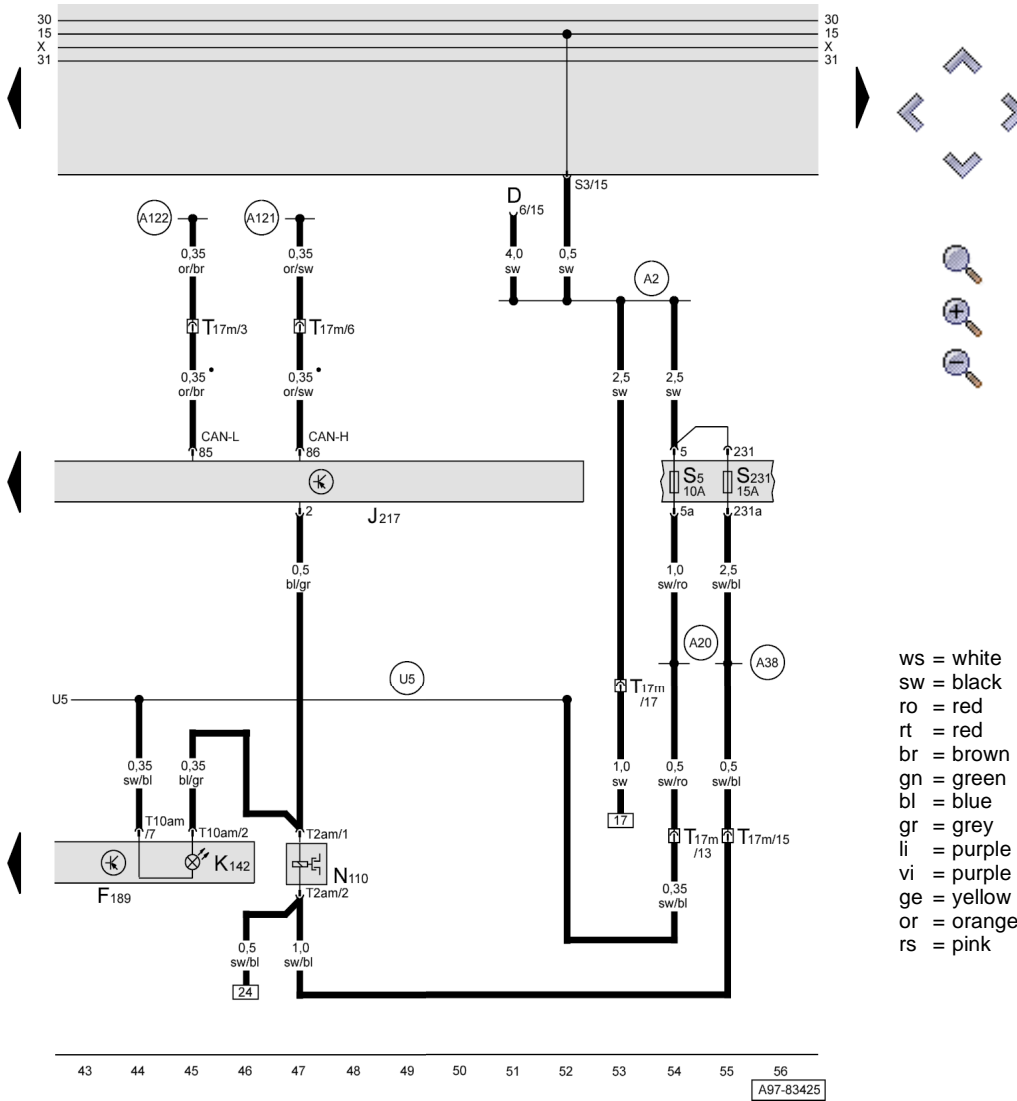
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Current Flow Diagram

Automatic gearbox control unit, tiptronic switch, selector lever lock solenoid

- D - Ignition/starter switch
- F189 - Tiptronic switch
- J217 - Automatic gearbox control unit
- 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
- T10am - 10-pin connector, on selector lever console
- T17m - 17-pin connector, blue, connector point, A pillar, right
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A20 - Connection (15a), in dash panel wiring harness
- A38 - Positive (+) connection -2- (15a), in dash panel wiring harness
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- U5 - Connection -2- (15), in automatic gearbox wiring harness
- - CAN bus (data wire)



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 vi = purple
 ge = yellow
 or = orange
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Current Flow Diagram

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
- T2dt - 2-pin connector, black, in engine compartment, 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
- T17m - 17-pin connector, blue, connector point, A pillar, right
- A41 - Positive (+) connection (50), in dash panel wiring harness
- A87 - Connection (RF (reversing light)), in dash panel wiring harness
- * - Applies to S6 and RS6 models only

