

Audi A6

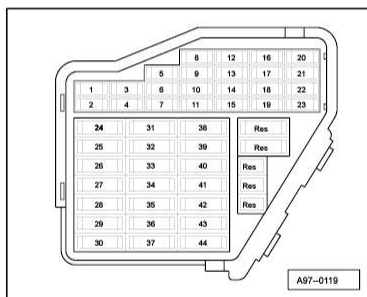
Current Flow Diagram

No. 56

2,5 litre turbo-diesel engine (110 kW, 6-cylinder), engine codes AFB, AKN

Model year 1999

Fuse box

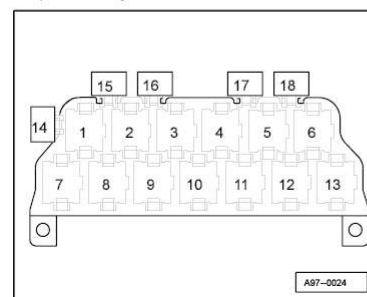


Fuse colours:

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7,5 A - brown
 5 A - beige

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

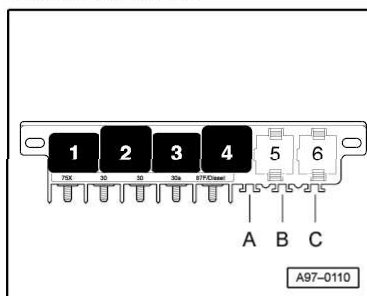
13-point relay carrier



Position of relays:

- 4** - Starter inhibitor relay (J207)
- 6** - Fuel pump relay (J17)

Micro-central electrics



Position of relays:

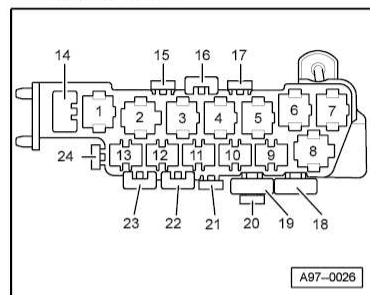
- 4** - Relay for glow plugs (J52)

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Current Flow Diagram

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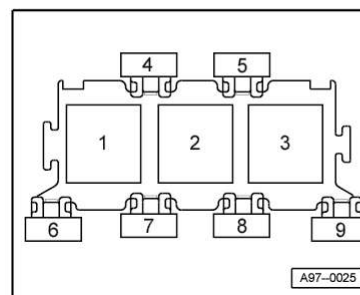
8-point relay carrier



Position of relays:

- 1** - Radiator fan run-on relay (J138)
- 2** - Radiator fan 2nd speed relay (J101)
- 3** - Radiator fan relay (J26)
- 20** - Radiator fan single fuse (S42)
- 21** - Fuse for radiator fan relay (S142)

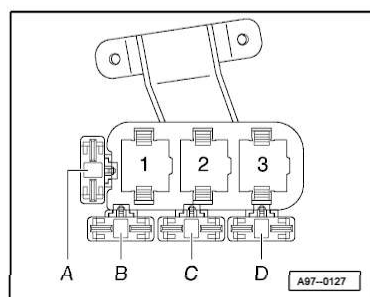
3-point relay carrier in electronics box,



Position of relays:

- 3** - Diesel direct injection system relay (J322)
- 5** - Engine control unit fuse (S102)
- 7** - Fuse for glow plugs - engine (S102)
- 9** - Fuse 2 for glow plugs - engine (S125)

Relay carrier, driver's side, behind dash



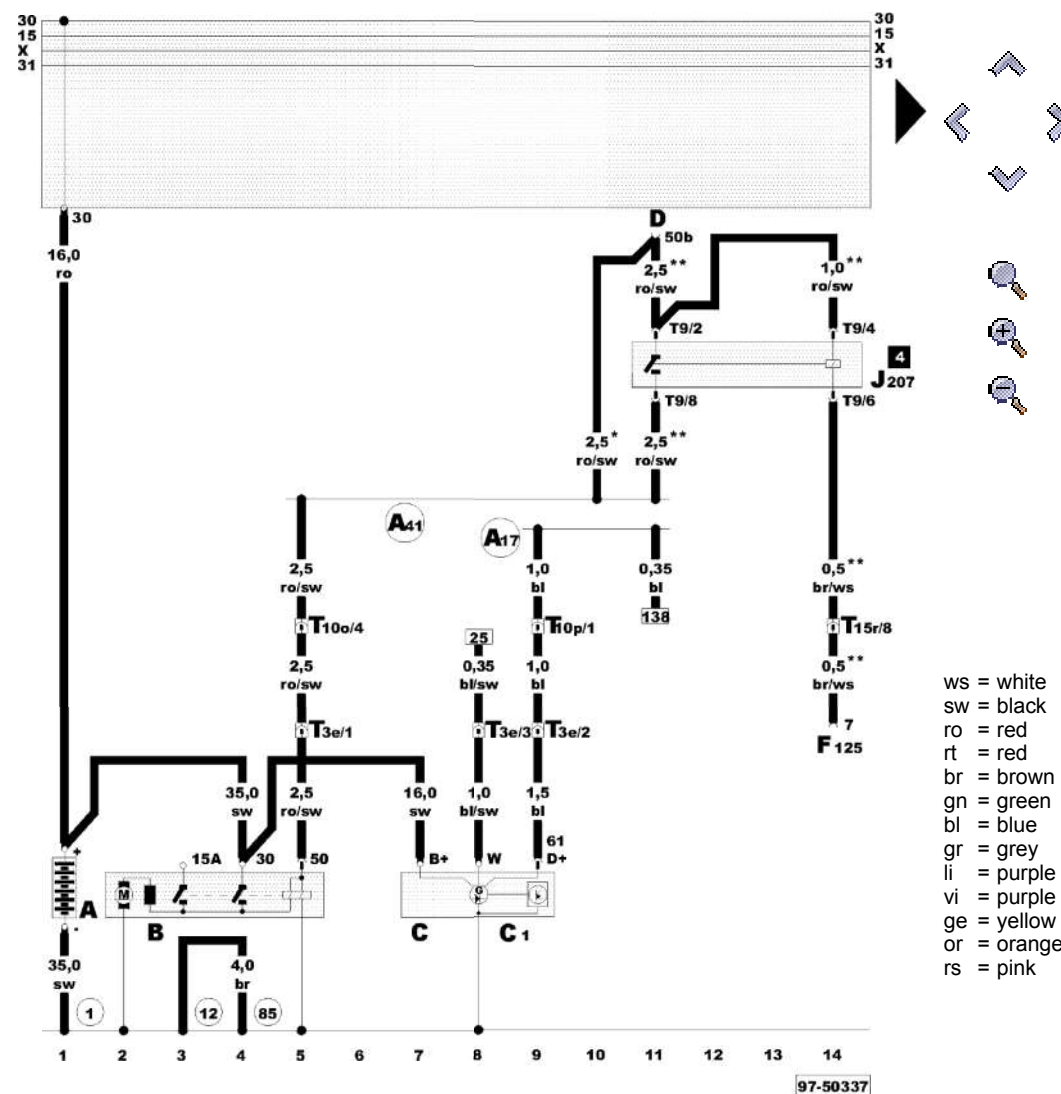
Position of relays:

- 1** - Low heat output relay (J359)
- 3** - High heat output relay (J360)
- C** - Additional heater fuse 2 (S143)
- D** - Additional heater fuse (S109)

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Current Flow Diagram

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Battery, starter, alternator, starter inhibitor relay

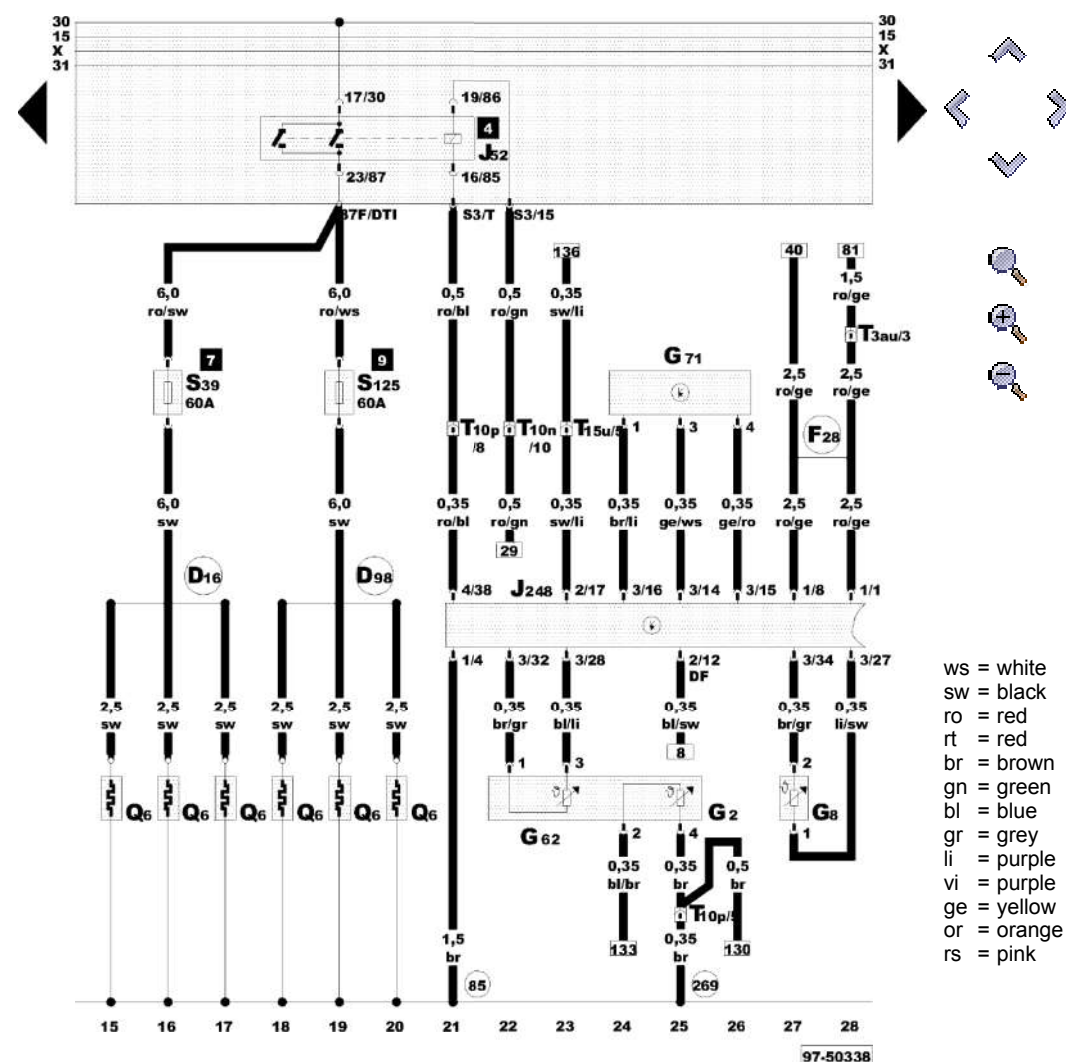
- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F125 - Driving range sensor
- J207 - Starter inhibitor relay
- T3e - 3-pin connector, black, in engine compartment, front left
- T9 - 9-pin connector, brown, at starter inhibitor relay
- T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
- T15r - 15-pin connector, brown, connector point, right A pillar
- 1 - Earth strap, battery - body
- 12 - Earth point, in engine compartment, left
- 85 - Earth connection -1-, in engine compartment wiring harness
- A17 - Connection (61), in dash panel wiring harness
- A41 - Positive (+) connection (50), in dash panel wiring harness
- * - Models with manual gearbox
- ** - Models with automatic gearbox

97-50337

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Current Flow Diagram

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Diesel direct injection system control unit, glow plugs relay, glow plugs

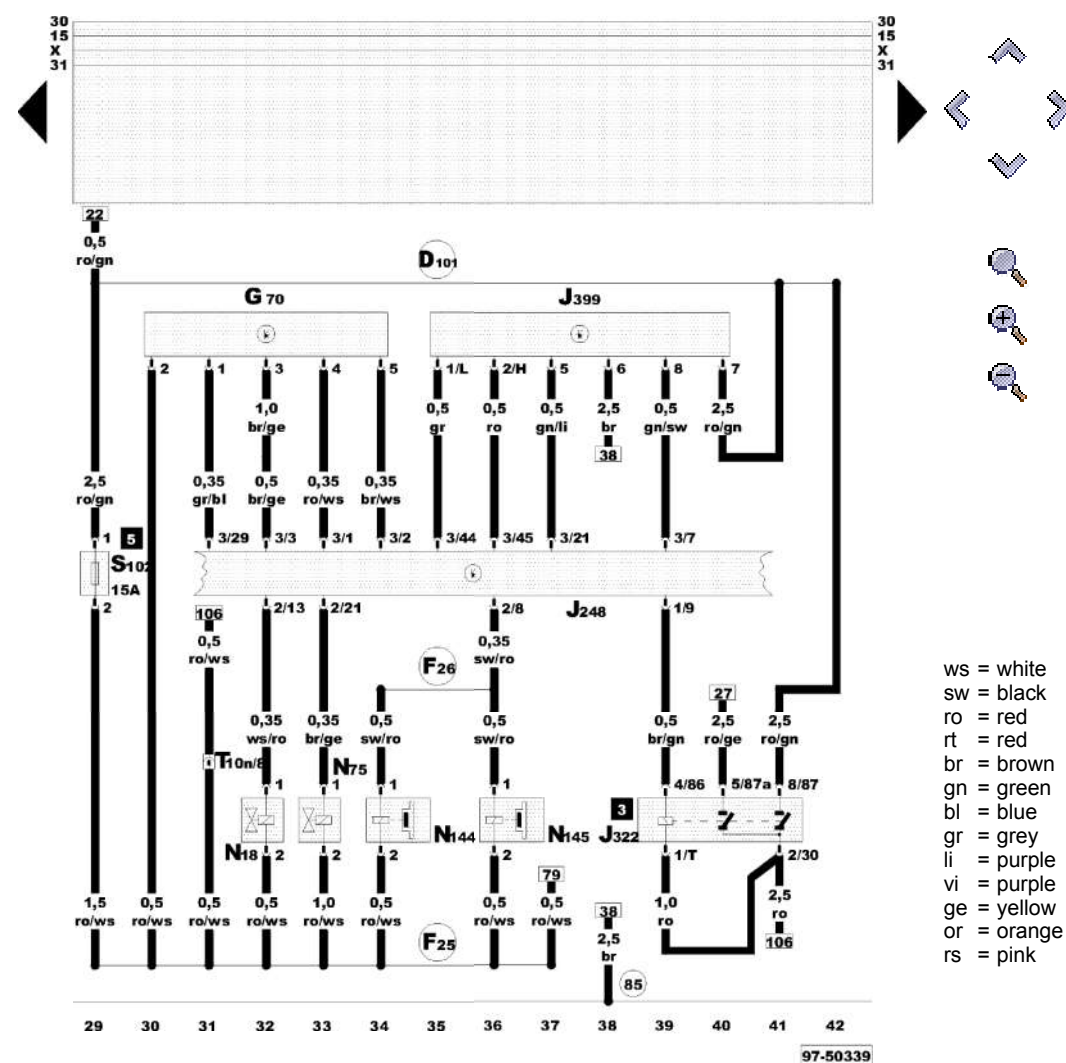
- G2 - Coolant temperature sender
- G62 - Coolant temperature sender
- G71 - Intake manifold pressure sender
- G93 - Oil temperature sender
- J52 - Glow plug relay
- J248 - Diesel direct injection system control unit
- Q6 - Glow plugs (engine)
- S39 - Fuse for glow plugs - engine
- S125 - Glow plug fuse -2-
- T3au - 3-pin connector, red, connector point, electronics box, plenum chamber
- T10n - 10-pin connector, orange, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
- T15u - 15-pin connector, red, connector point, electronics box, plenum chamber
- 85 - Earth connection -1-, in engine compartment wiring harness
- 269 - Earth connection (sender earth) -1-, in dash panel wiring harness
- D16 - Connection (glow plugs), in front right wiring harness
- D98 - Connection (glow plugs), in engine compartment wiring harness
- F28 - Connection -3-, in diesel direct injection system wiring harness

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Current Flow Diagram

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Diesel direct injection system control unit, air mass meter, injection pump control unit, air mass meter, diesel direct injection system relay

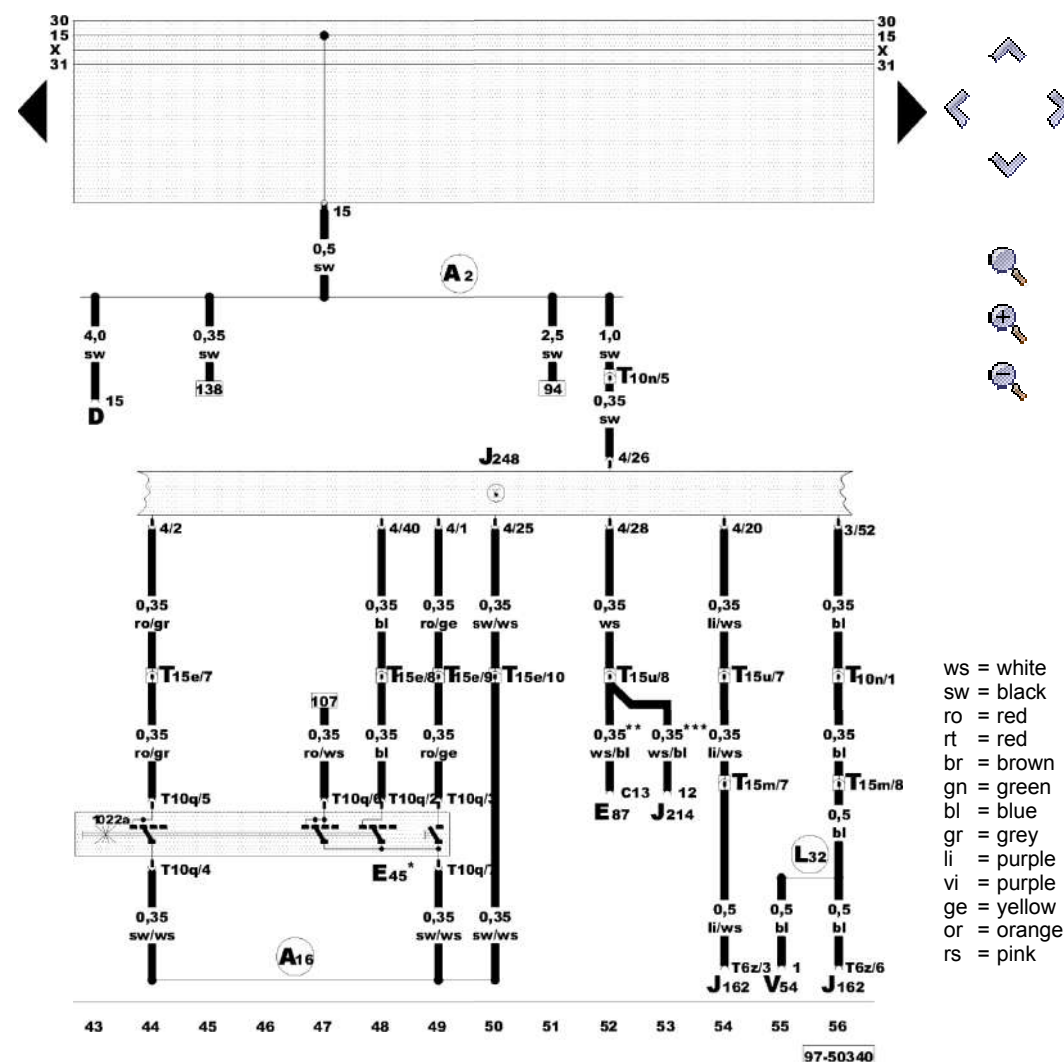
- G70 - Air mass meter
- J248 - Diesel direct injection system control unit
- J322 - Diesel direct injection system relay
- J399 - Injection pump control unit
- N18 - Exhaust gas recirculation valve
- N75 - Charge pressure control solenoid valve
- N144 - Electro/hydraulic engine mounting solenoid valve, left
- N145 - Electro/hydraulic engine mounting solenoid valve, right
- S102 - Engine control unit fuse
- T10n - 10-pin connector, orange, connector point, electronics box, plenum chamber
- 85 - Earth connection -1-, in engine compartment wiring harness
- D101 - Connection -1-, in engine compartment wiring harness
- F25 - Connection -1-, in diesel direct injection system wiring harness
- F26 - Connection -2-, in diesel direct injection system wiring harness

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

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Diesel direct injection system control unit, cruise control system

- D - Ignition/starter switch
- E45 - Cruise control system switch
- E87 - Control and display unit for air conditioner
- J162 - Heater control unit
- J214 - Thermotronic control unit
- J248 - Diesel direct injection system control unit
- T6z - 6-pin connector, on auxiliary heater control unit
- T10n - 10-pin connector, orange, connector point, electronics box, plenum chamber
- T10q - 10-pin connector, black, on cruise control system switch
- T15e - 15-pin connector, white, connector point, electronics box, plenum chamber
- T15m - 15-pin connector, white, connector point, A pillar, left
- T15 - 15-pin connector, red, connector point, electronics box, plenum chamber
- V54 - Metering pump
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A16 - Connection (cruise control system), in dash panel wiring harness
- L32 - Connection -1-, in heater unit wiring harness
- * - Models with cruise control system
- ** - Models with air conditioner
- *** - Models with Thermotronic