

Audi A4

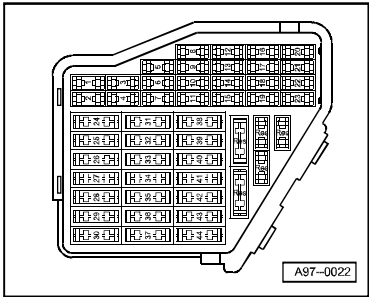
Current Flow Diagram

No. 44

Air conditioner with automatic control (only applies to 2.7 l bi-turbo engine, 195 kW, 6-cylinder)

From model year 1998

Fuse box:

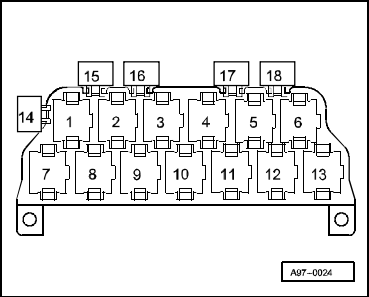


Fuse colours

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

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

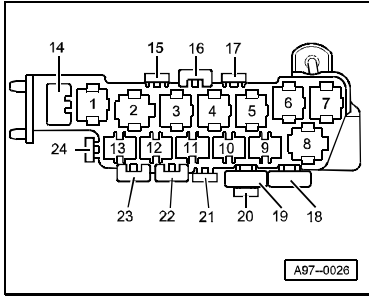
13-point relay carrier:



Position of relays:

- - Magnetic coupling relay (Fit at any vacant relay point)

8-point relay carrier:



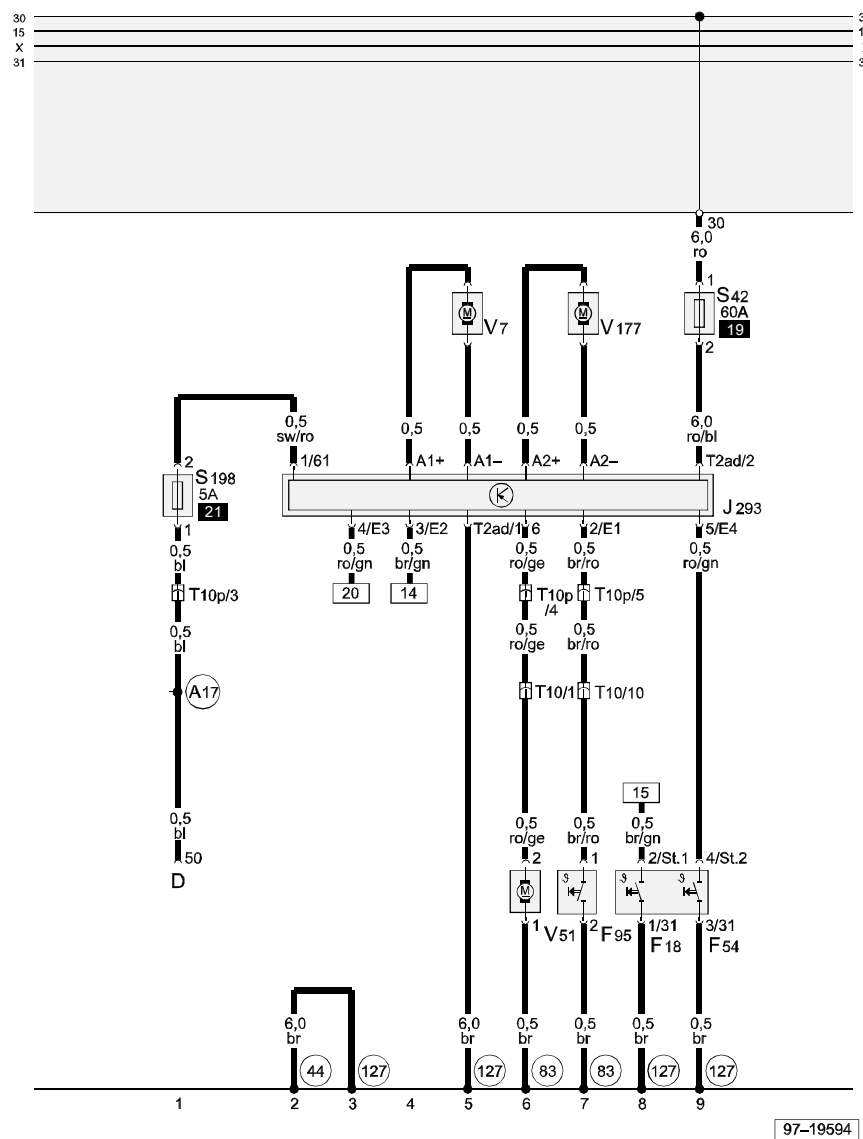
Position of relays:

- 19 - Radiator fan single fuse
- 21 - Fuse (61)

Audi A4

Current Flow Diagram

No. 44 / 2



Air conditioner with automatic control (only applies to 2.7 l bi-turbo engine, 195 kW, 6-cylinder)

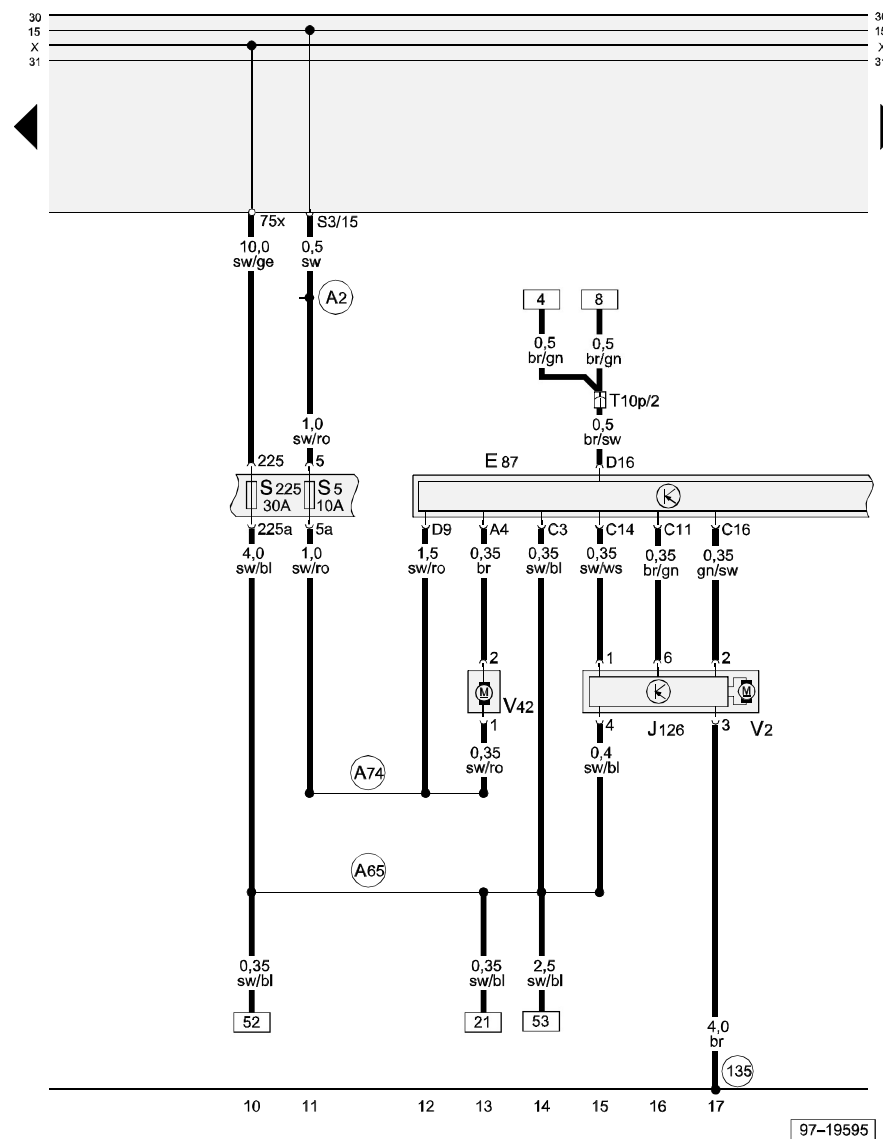
- D - Ignition/starter switch
- F18 - Radiator fan thermo-switch
- F54 - Radiator fan thermo-switch
- F95 - Thermo-switch for continued coolant circulation
- J293 - Radiator fan control unit
- S42 - Radiator fan single fuse
- S198 - Fuse (61)
- T2ad - 2-pin connector, on radiator fan control unit
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, grey, left connector point, A pillar
- V7 - Radiator fan (suction fan)
- V51 - Continued coolant circulation pump
- V177 - Radiator fan -2-
- 44 - Earth point, lower part of left A-pillar
- 83 - Earth connection -1-, in front right wiring harness
- 127 - Earth connection -1-, in air conditioner compressor wiring harness
- A17 - Connection (61), in dash panel 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

Audi A4

Current Flow Diagram

No. 44 / 3


Air conditioner with automatic control (only applies to 2.7 l bi-turbo engine, 195 kW, 6-cylinder)

- E87 - Control and display unit for air conditioner
- J126 - Fresh air blower control unit
- T10p - 10-pin connector, grey, left connector point, A pillar
- V2 - Fresh air blower
- V42 - Temperature sensor blower
- 135 - Earth connection -2-, in dash panel wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A65 - Connection (75a, digital air conditioner), in dash panel wiring harness
- A74 - Connection (15a, fuse 5), in dash panel wiring harness

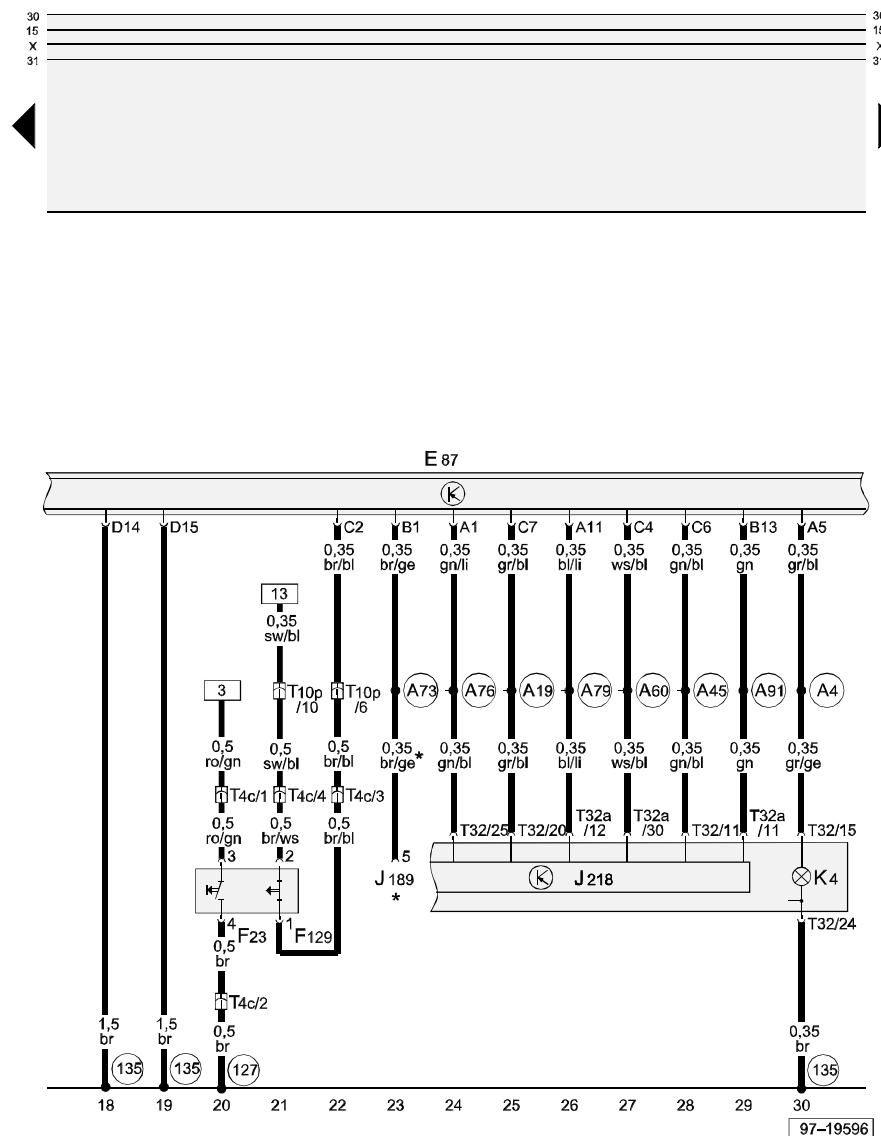


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Audi A4

Current Flow Diagram

No. 44 / 4

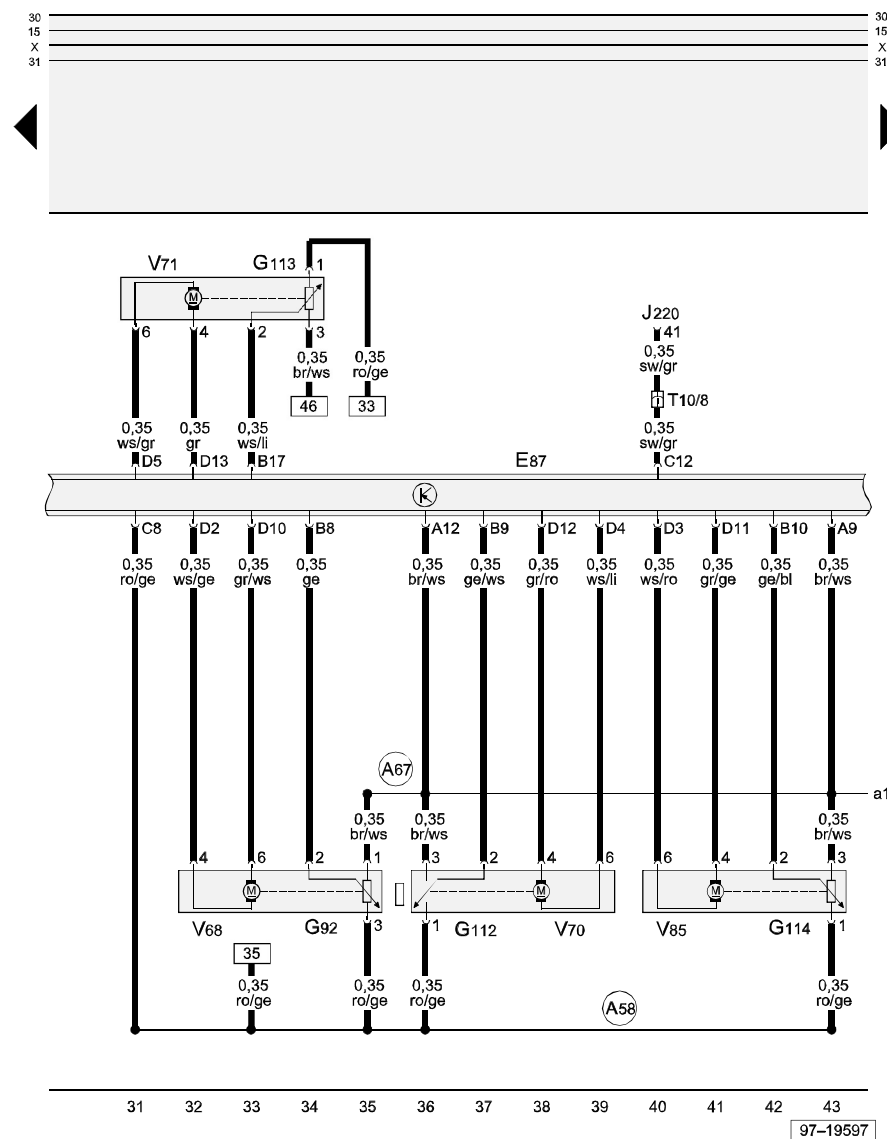
**Air conditioner with automatic control (only applies to 2.7 l bi-turbo engine, 195 kW, 6-cylinder)**

- E87 - Control and display unit for air conditioner
- F23 - High pressure switch for air conditioner
- F129 - Air conditioner pressure switch
- J189 - Auto-check system
- J218 - Combi-processor in dash panel insert
- K4 - Side light warning lamp
- T4c - 4-pin connector, red, in engine compartment, front left
- T10p - 10-pin connector, blue, left connector point, A pillar
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 127 - Earth connection -1-, in air conditioner compressor wiring harness
- 135 - Earth connection -2-, in dash panel wiring harness
- A4 - Positive (+) connection (58b), in dash panel wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- A45 - Connection (engine speed signal), in dash panel wiring harness
- A60 - Connection (vehicle speed signal), in dash panel wiring harness
- A73 - Connection (ambient temperature display), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- A79 - Connection (hot light switch), in dash panel wiring harness
- A91 - Connection (signal for dash panel insert), in dash panel wiring harness
- * - Only models with driver information system

Audi A4

Current Flow Diagram

No. 44 / 5

**Air conditioner with automatic control (only applies to 2.7 l bi-turbo engine, 195 kW, 6-cylinder)**

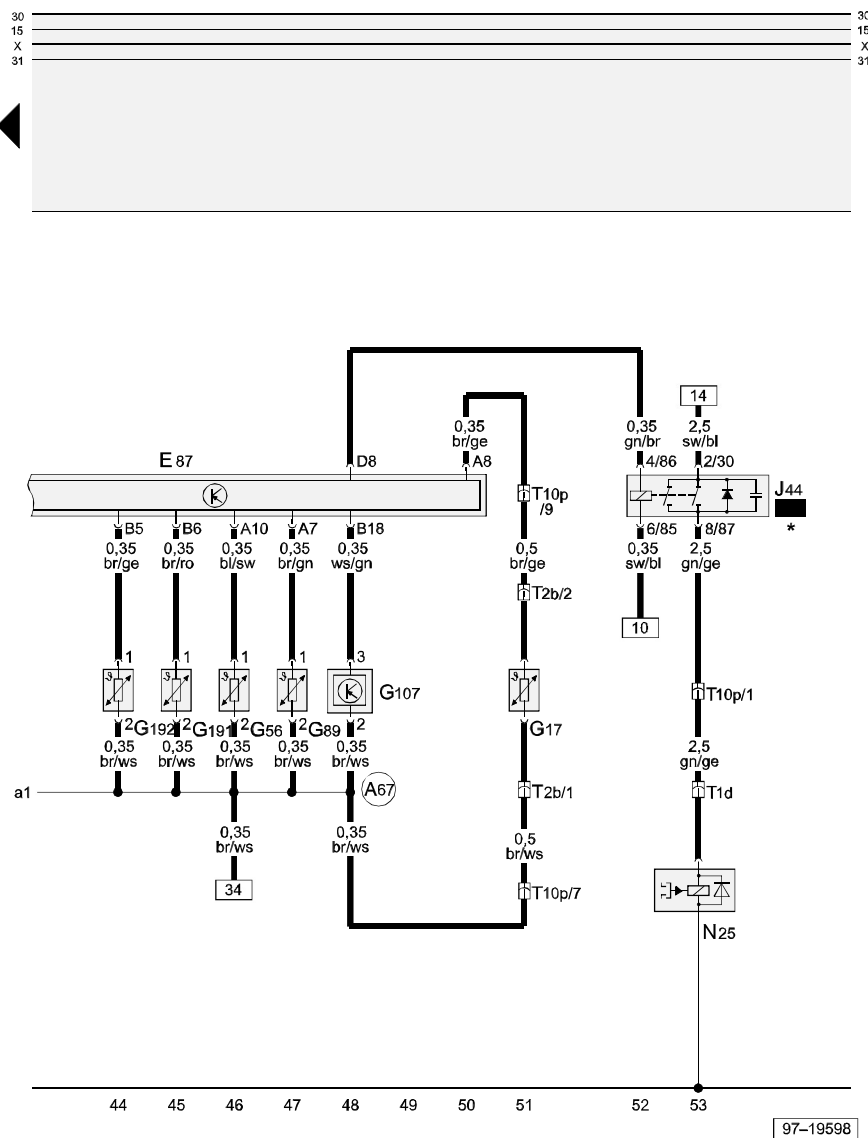
- E87 - Control and display unit for air conditioner
- G92 - Control motor potentiometer, temperature flap
- G112 - Control motor potentiometer, central flap
- G113 - Control motor potentiometer, air flow flap
- G114 - Control motor potentiometer, footwell/defroster flap
- J220 - Motronic control unit
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- V68 - Temperature flap control motor
- V70 - Central flap control motor
- V71 - Air flow flap control motor
- V85 - Footwell/defroster flap control motor
- A58 - Connection (5 volt), in dash panel 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

Audi A4

Current Flow Diagram

No. 44 / 6

**Air conditioner with automatic control (only applies to 2.7 l bi-turbo, 195 kW, 6-cylinder)**

- E87 - Control and display unit for air conditioner
- G17 - Ambient temperature sensor
- G56 - Dash panel temperature sensor
- G89 - Fresh air intake duct temperature sensor
- G107 - Sunlight penetration photo sensor
- G191 - Vent temperature sender, centre
- G192 - Vent temperature sender, footwell
- J44 - Magnetic coupling relay
- N25 - Air conditioning system magnetic coupling
- T1d - Single connector, green, near compressor
- T2b - 2-pin connector, black, in engine compartment, front
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, grey, left connector point, A pillar
- A67 - Connection (normal earth, digital air conditioner), in dash panel wiring harness
- * - Fit at any vacant relay point

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