

## Audi A6

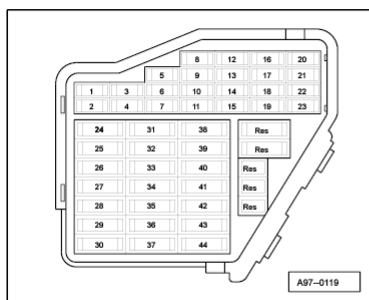
## Current Flow Diagram

No. 85/1

## Auxiliary heater with or without radio-operated remote control and air conditioner

From model year 2001

## Fuse box

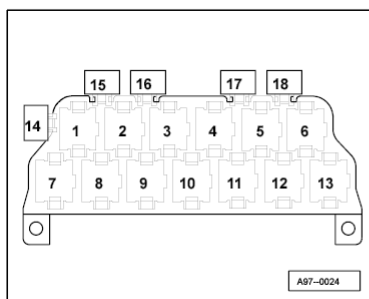


## Fuse colours:

- 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.

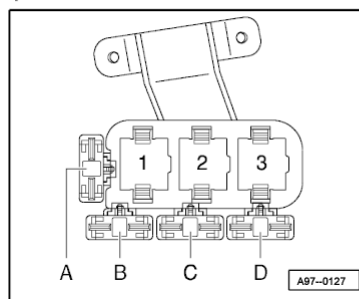
## 13-point relay carrier



## Position of relays:

- 3** - Solar cell isolation relay (J309)

## Relay carrier, driver's side, behind dash panel at central carrier

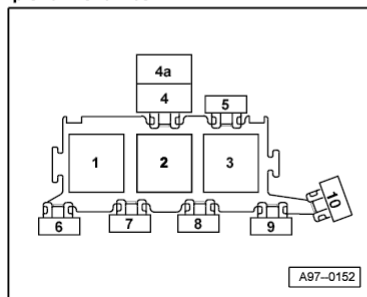


## Position of fuses:

- 2** - Auxiliary heater relay (J8) \*
- 2** - Solar cells isolation relay 2 (J354) \*\*

\* - Models without solar roof

\*\* - Models with solar roof

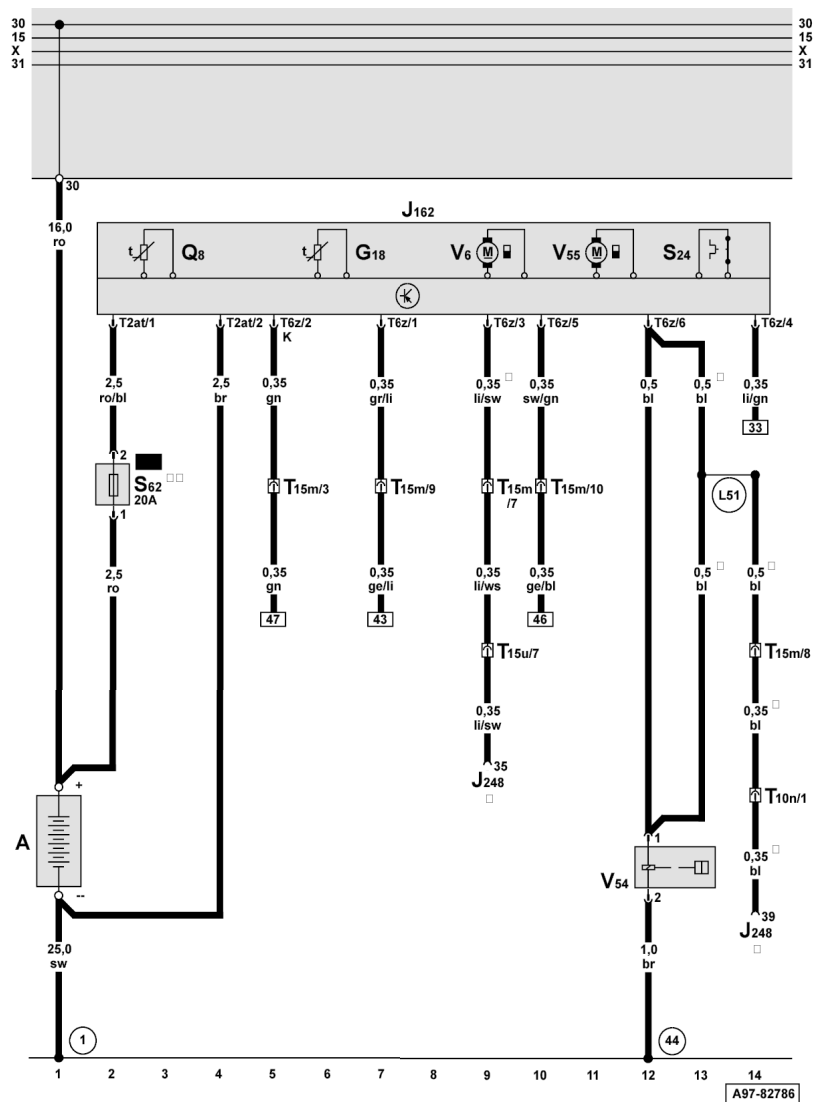
**Audi A6****Current Flow Diagram****No. 85/2****3-point relay carrier in electronics box,  
plenum chamber****Position of relays:**

■ - Auxiliary heater fuse (S62) on electronics box, plenum chamber

# Audi A6

## Current Flow Diagram

No. 85 / 2



### Battery, heater control unit

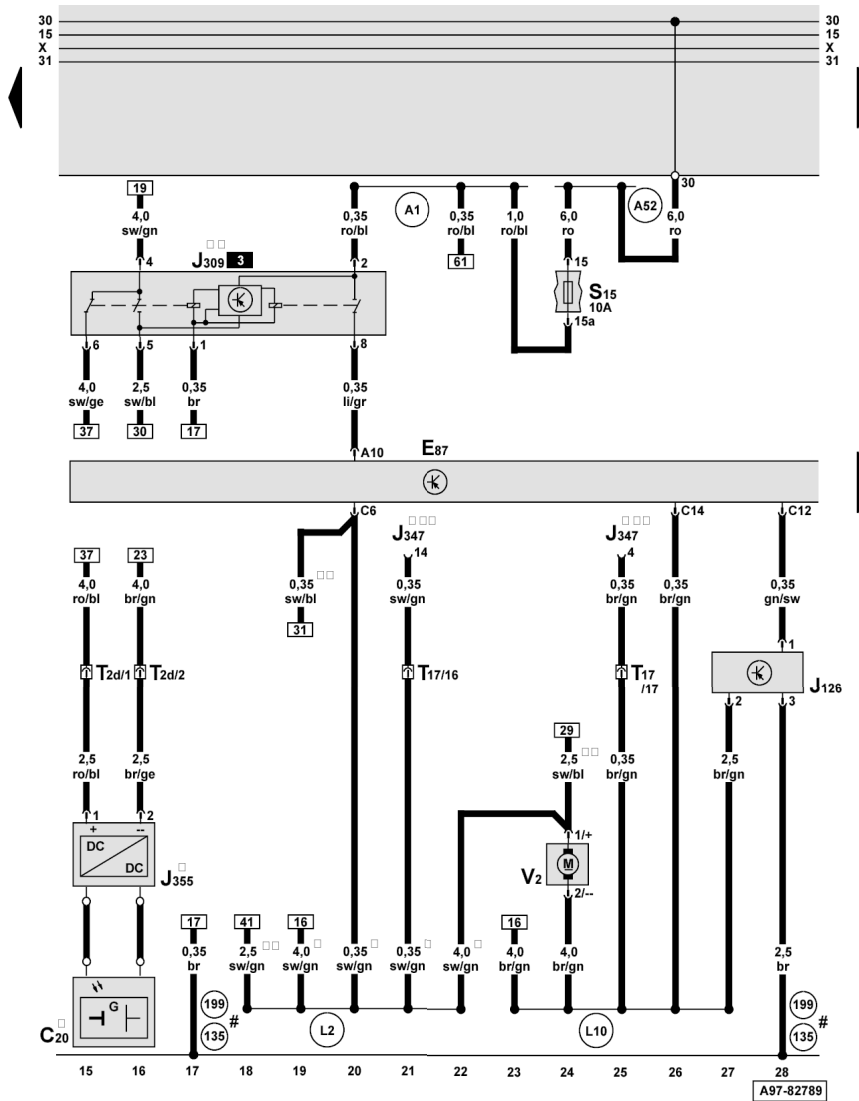
- A - Battery
- G18 - Temperature sensor
- J162 - Heater control unit
- J248 - Diesel direct injection system control unit
- Q8 - Glow plug with flame monitor
- S24 - Heater overheating fuse
- S62 - Auxiliary heater fuse
- T2at - 2-pin connector, black, on auxiliary heater control unit
- T6z - 6-pin connector, on auxiliary heater control unit
- T10n - 10-pin connector, orange, connector point, electronics box, plenum chamber
- T15m - 15-pin connector, white, connector point, A pillar, left
- T15u - 15-pin connector, red, connector point, electronics box, plenum chamber
- V6 - Combustion air blower
- V54 - Metering pump
- V55 - Recirculating pump
- 1 - Earth strap, battery - body
- 44 - Earth point, lower part of left A pillar
- L51 - Positive (+) connection -1-, in auxiliary heater wiring harness
- \* - Models with V6 TDI engine
- \*\* - On electronics box, plenum chamber

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

# Audi A6

## Current Flow Diagram

# No. 85 / 3



### Control and display unit for air conditioner, solar cell isolation relay, solar roof

- C20 - Solar cells
- E87 - Control and display unit for air conditioner
- J126 - Fresh air blower control unit
- J309 - Solar cell isolation relay
- J347 - Ultra-sonic sensor control unit
- J355 - Solar operation control unit
- S15 - Fuse in fuse box
- T2d - 2-pin connector, blue, connector point, A pillar, left
- T17 - 17-pin connector, orange, connector point, A pillar, right
- V2 - Fresh air blower
- 135 - Earth connection -2-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A1 - Positive (+) connection (30a), in dash panel wiring harness
- A52 - Positive (+) connection 2 (30), in dash panel wiring harness
- L2 - Connection, in air conditioner wiring harness
- L10 - Connection -2-, in air conditioner wiring harness
- \* - Models with solar roof
- \*\* - Models without solar roof
- \*\*\* - Models with anti-theft alarm system
- # - Both possible

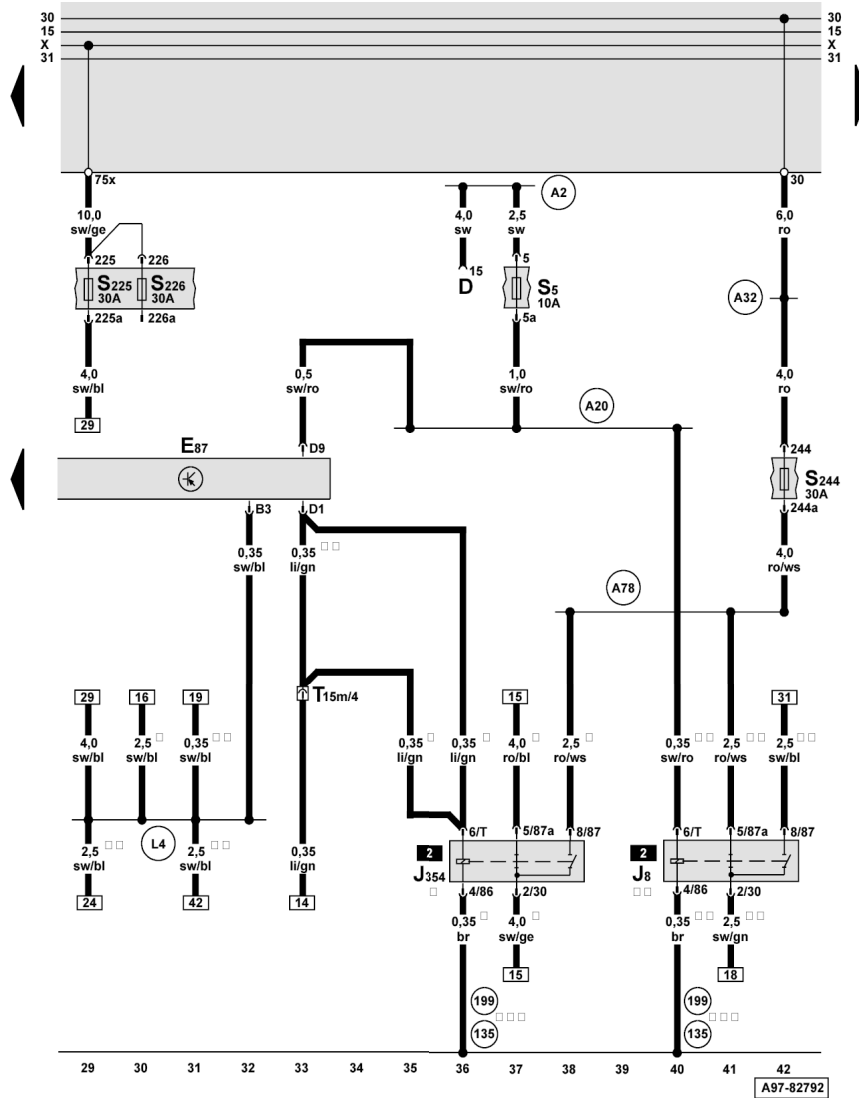
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A97-82789

# Audi A6

## Current Flow Diagram

### No. 85 / 4



ws = white  
 sw = black  
 ro = red  
 br = brown  
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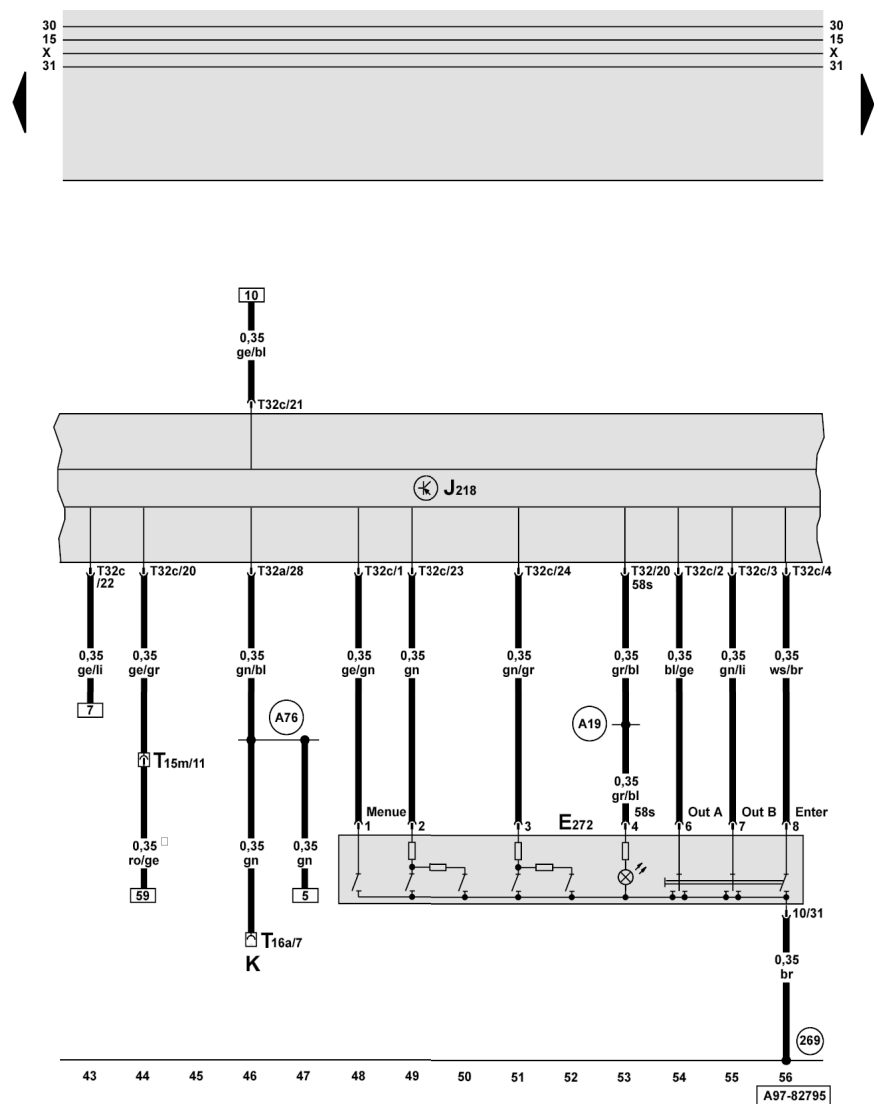
#### Control and display unit for air conditioner, solar cells isolation relay 2

- D - Ignition/starter switch
- E87 - Control and display unit for air conditioner
- J8 - Auxiliary heater relay
- J354 - Solar cells isolation relay 2
- S5 - Fuse in fuse box
- S225 - Fuse 25 in fuse box
- S226 - Fuse 26 in fuse box
- S244 - Fuse 44 in fuse box
- T15m - 15-pin connector, white, connector point, A pillar, left
- 135 - Earth connection -2-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A20 - Connection (15a), in dash panel wiring harness
- A32 - Positive (+) connection (30), in dash panel wiring harness
- A78 - Connection (30a, S244), in dash panel wiring harness
- L4 - Connection (75 al), in air conditioner wiring harness
- \* - Models with solar roof
- \*\* - Models without solar roof
- \*\*\* - Both possible

# Audi A6

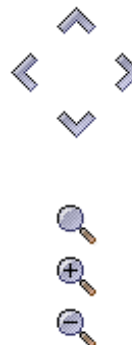
## Current Flow Diagram

### No. 85 / 5



#### Dash panel insert, function selection switch II in centre console

- E272 - Function selection switch II, in centre console
- J218 - Combi-processor in dash panel insert
- K - Diagnosis connection
- T15m - 15-pin connector, white, connector point, A pillar, left
- T16a - 16-pin connector, diagnosis connection
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- T32c - 32-pin connector, grey, on dash panel insert
- 269 - Earth connection (sender earth) -1-, in dash panel wiring harness
- A19 - Connection (58s), in dash panel wiring harness (switch illumination)
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- \* - Auxiliary heater with radio-operated remote control

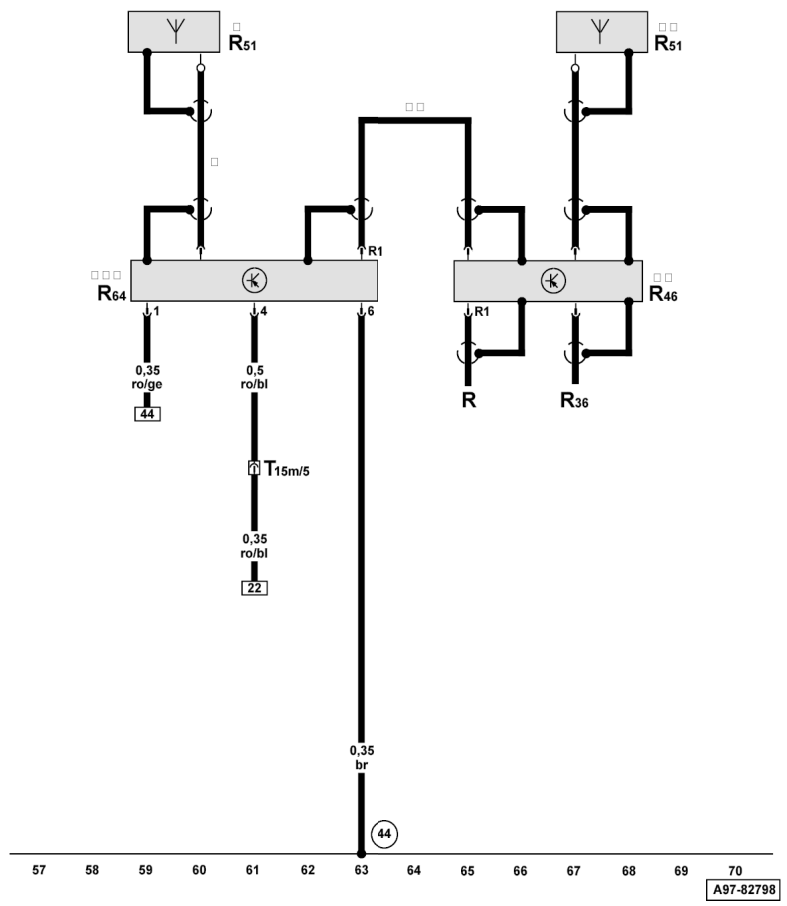
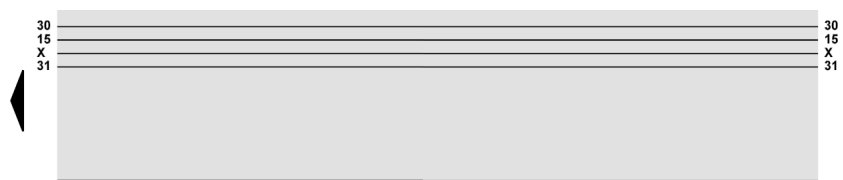


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# Audi A6

## Current Flow Diagram

### No. 85 / 6



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

#### Auxiliary heating radio wave receiver, radio/telephone/auxiliary heater aerial

- R - Radio
- R1 - Aerial connection
- R36 - Telephone transmitter and receiver unit
- R46 - Frequency divider for two-way radio, radio system and telephone
- R51 - Radio/telephone/auxiliary heater aerial
- R64 - Auxiliary heating radio wave receiver
- T15m - 15-pin connector, white, connector point, A pillar, left
- 44 - Earth point, lower part of left A-pillar
- \* - Models without rear insulated window and no telephone/mobile phone
- \*\* - Models with rear insulated window and with telephone / mobile phone
- \*\*\* - Auxiliary heater with radio-operated remote control