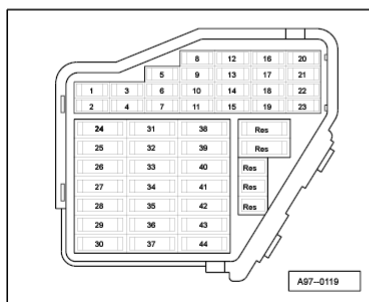


Self-levelling suspension for Audi allroad models and automatic headlight range control

From model year 2001

Fuse box

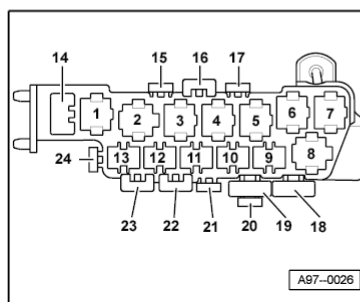


Fuse colours:

- 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.

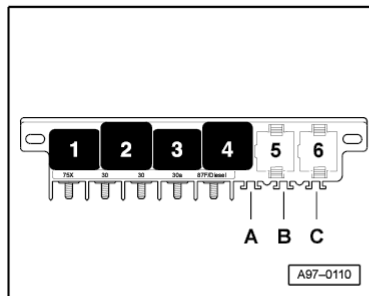
8-point relay carrier



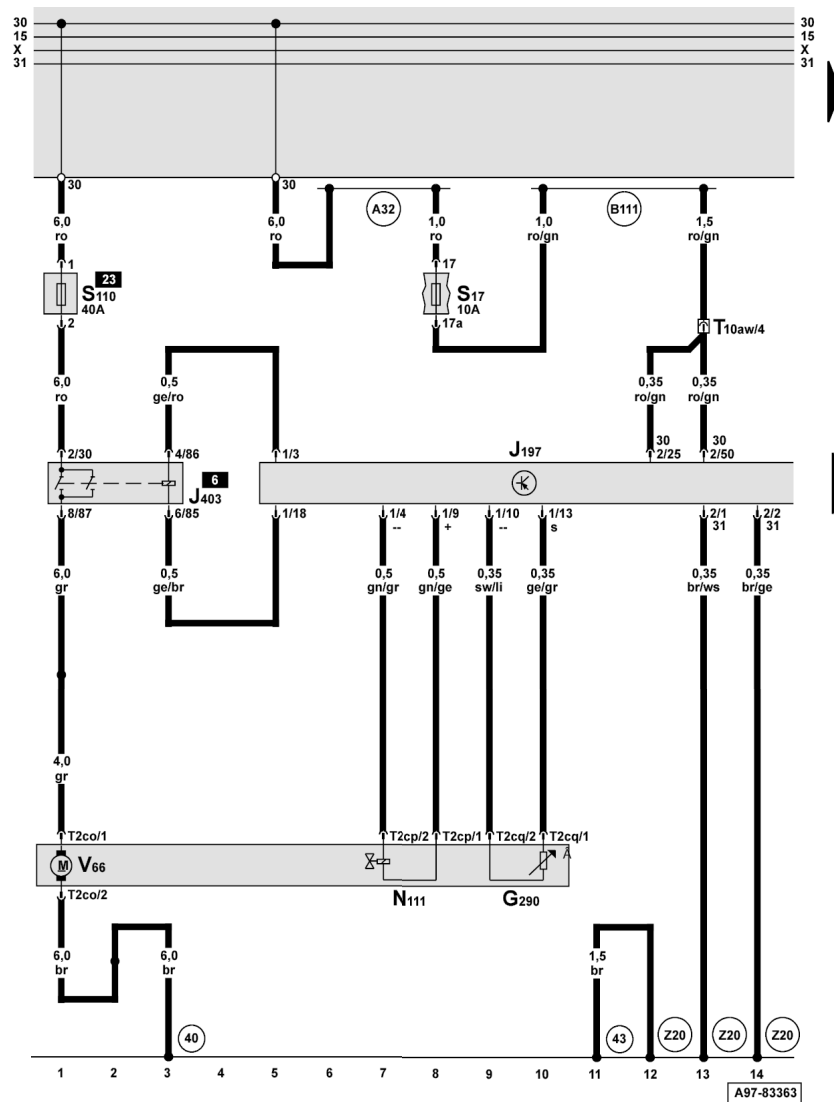
Position of relays:

- 6** - Self-levelling suspension compressor relay (J403)
- 23** - Self-levelling suspension fuse (S110)

Micro-central electrics



Edition 04.00



Self-levelling suspension control unit, self-levelling suspension compressor relay

- G290 - Compressor temperature sender, self-levelling suspension
- J197 - Self-levelling suspension control unit
- J403 - Self-levelling suspension compressor relay
- N111 - Self-levelling suspension pressure relief valve
- S17 - Fuse in fuse box
- S110 - Self-levelling suspension fuse
- T2co - 2-pin connector, black, at self-levelling suspension compressor
- T2cp - 2-pin connector, black, at self-levelling suspension compressor
- T2cq - 2-pin connector, brown, at self-levelling suspension compressor
- T10aw - 10-pin connector, black, connector point, A pillar, right
- V66 - Self-levelling suspension compressor motor
- 40 - Earth point, under rear seat, right
- 43 - Earth point, lower part of right A-pillar
- A32 - Positive (+) connection (30), in dash panel wiring harness
- B111 - Positive (+) connection -1- (30a), in interior wiring harness
- Z20 - Connection, in self-levelling suspension wiring harness

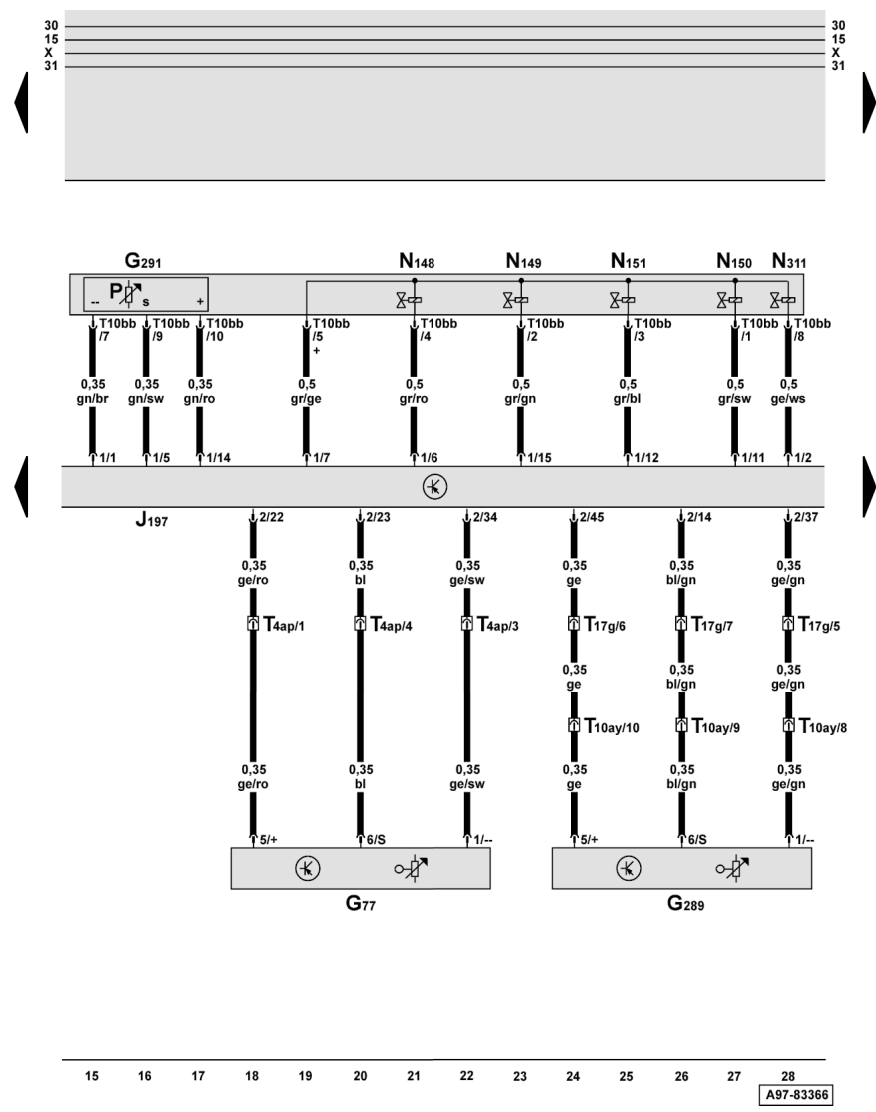
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

A97-83363

Audi A6

Current Flow Diagram

No. 71 / 3



- Adaptive suspension control unit, valve block, rear right vehicle level sender, front right vehicle level sender**
- G77 - Vehicle level sender, rear right
 - G289 - Vehicle level sender, front right
 - G291 - Adaptive suspension pressure sender
 - J197 - Adaptive suspension control unit
 - N148 - Suspension strut valve, front left
 - N149 - Suspension strut valve, front right
 - N150 - Suspension strut valve, rear left
 - N151 - Suspension strut valve, rear right
 - N311 - Adaptive suspension pressure accumulator valve
 - T4ap - 4-pin connector, black, under rear seat, right
 - T10ay - 10-pin connector, pink, connector point, A pillar, right
 - T10bb - 10-pin connector, black, on valve block
 - T17g - 17-pin connector, grey, in 8-point relay carrier, behind driver's storage compartment



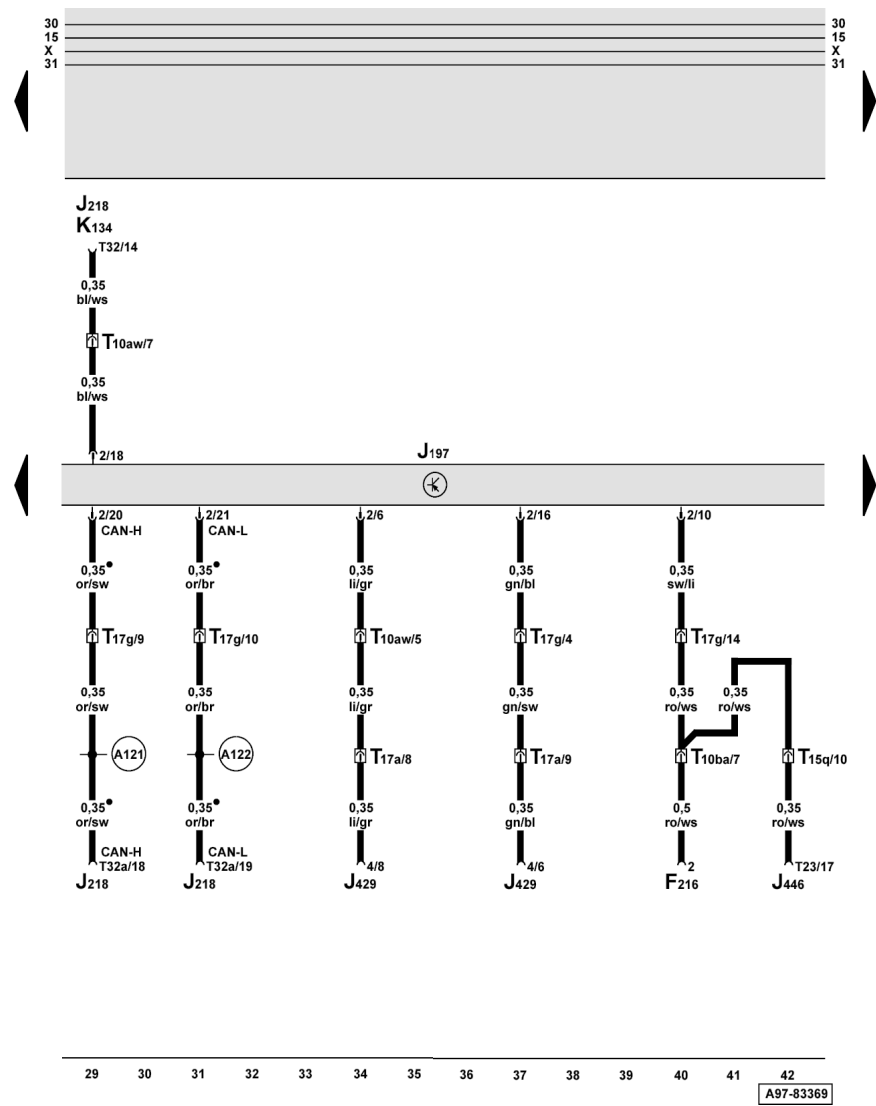
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28
 A97-83366

Audi A6

Current Flow Diagram

No. 71 / 4



Adaptive suspension control unit, adaptive suspension warning lamp

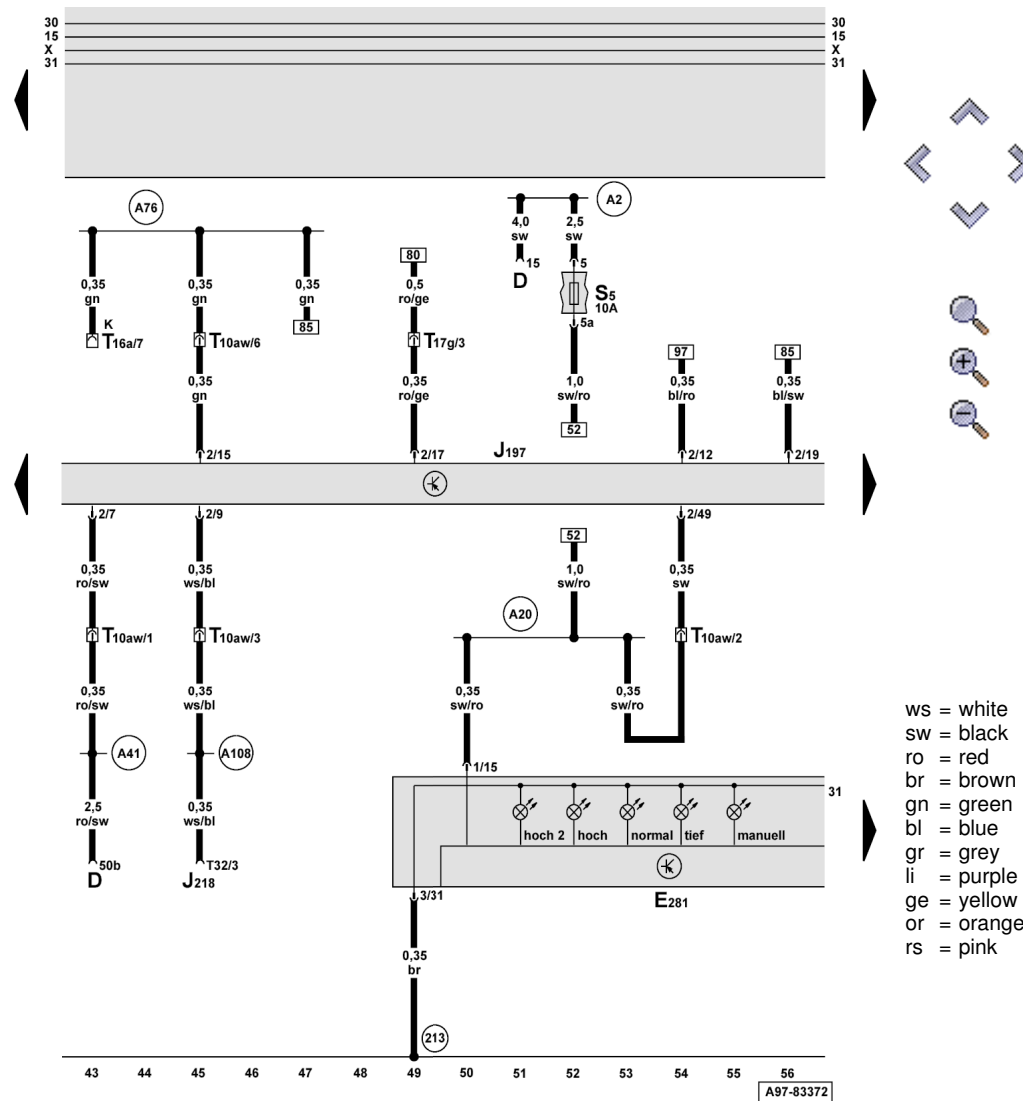
- F216 - Rear fog light cut-out, contact switch
- J197 - Adaptive suspension control unit
- J218 - Combi-processor in dash panel insert
- J429 - Central locking control unit
- J446 - Parking aid control unit
- K134 - Adaptive suspension warning lamp
- T10aw - 10-pin connector, black, connector point, A pillar, right
- T10ba - 10-pin connector, blue, connector point, A pillar, left
- T15q - 15-pin connector, white, connector point, A pillar, right
- T17a - 17-pin connector, brown, connector point, A pillar, right
- T17g - 17-pin connector, grey, in 8-point relay carrier, behind driver's storage compartment
- T23 - 23-pin connector, black, on parking aid control unit
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- CAN bus (data wire)

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. 71 / 5



Adaptive suspension control unit, operating unit to control suspension height

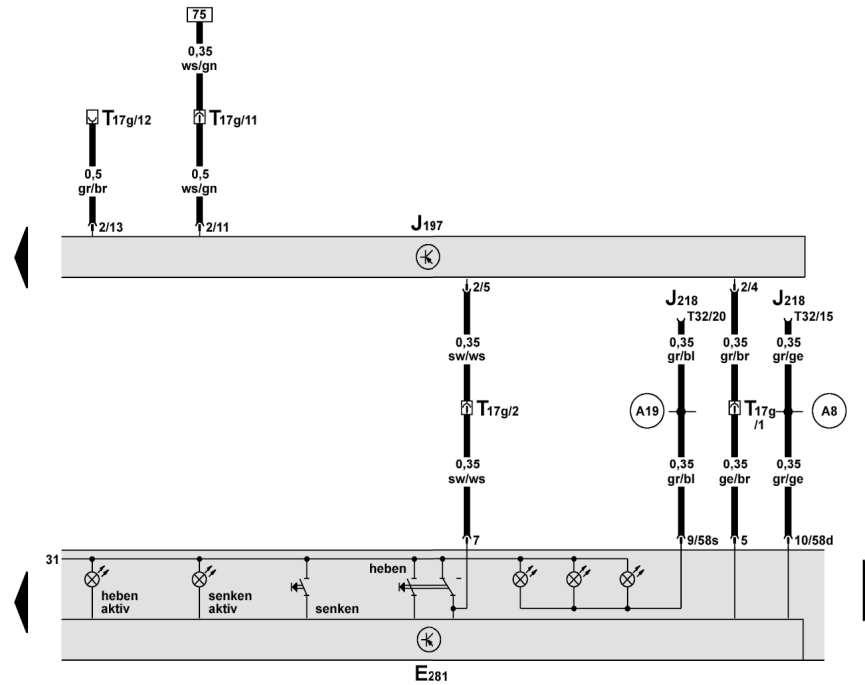
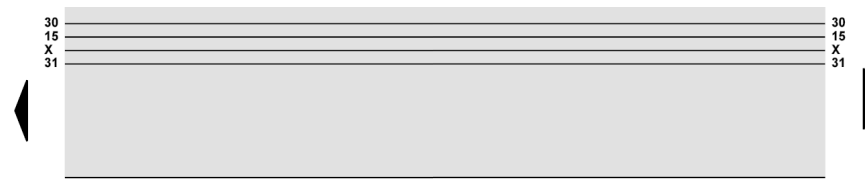
- D - Ignition/starter switch
- E281 - Operating unit to control suspension height
- J197 - Adaptive suspension control unit
- J218 - Combi-processor in dash panel insert
- S5 - Fuse in fuse box
- T10aw - 10-pin connector, black, connector point, A pillar, right
- T16a - 16-pin connector, diagnosis connection
- T17g - 17-pin connector, grey, in 8-point relay carrier, behind driver's storage compartment
- T32 - 32-pin connector, blue, on dash panel insert
- 213 - Earth connection -4-, in dash panel wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A20 - Connection (15a), in dash panel wiring harness
- A41 - Positive (+) connection (50), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- A108 - Connection (speed signal), in dash panel wiring harness

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. 71 / 6



Adaptive suspension control unit, operating unit to control suspension height

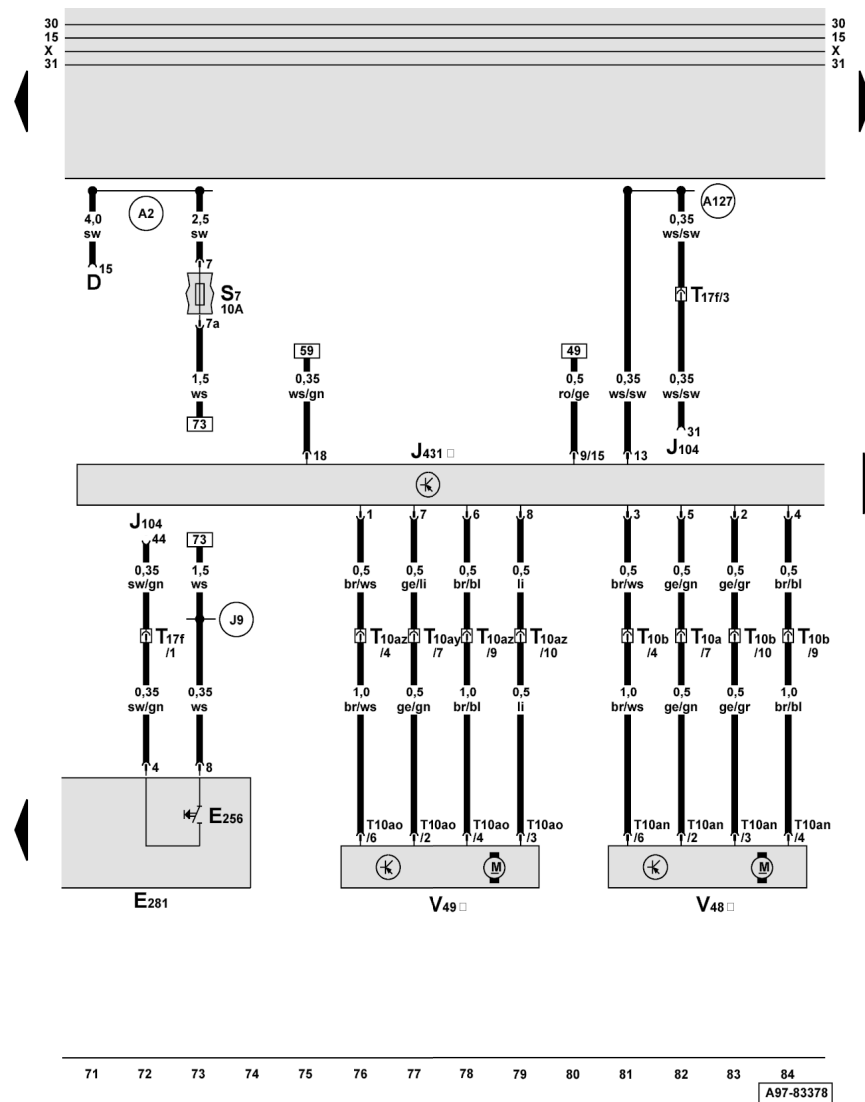
- E281 - Operating unit to control suspension height
- J197 - Adaptive suspension control unit
- J218 - Combi-processor in dash panel insert
- T17g - 17-pin connector, grey, in 8-point relay carrier, behind driver's storage compartment
- T32 - 32-pin connector, blue, on dash panel insert
- A8 - Positive (+) connection (58d), in dash panel wiring harness (display illumination)
- A19 - Connection (58s), in dash panel wiring harness (switch illumination)

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. 71 / 7



Control unit for headlight range control, headlight range control motors - left and right

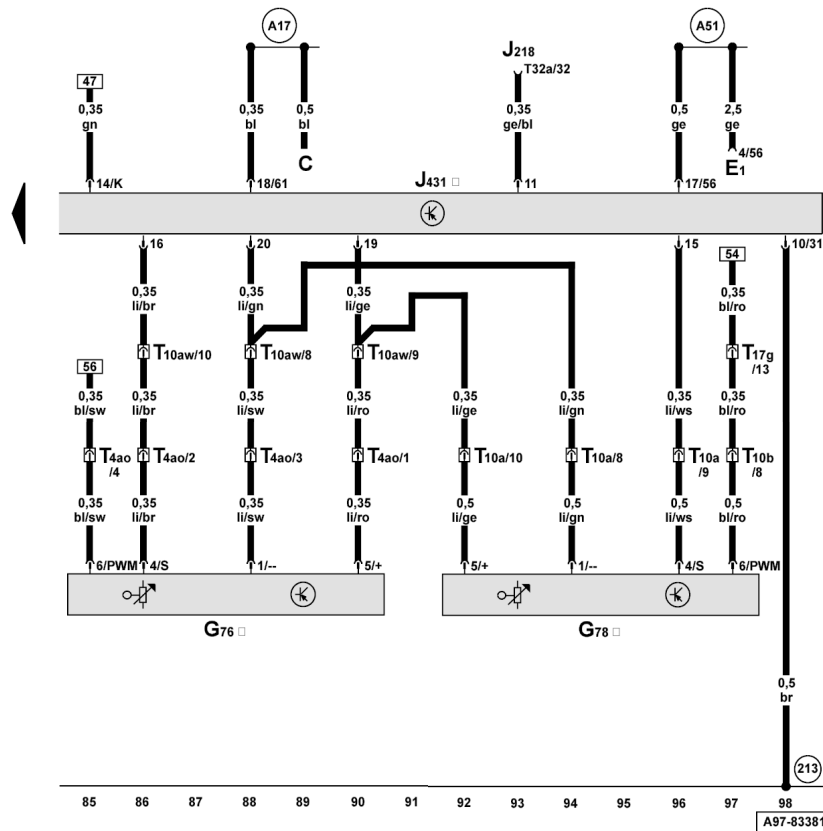
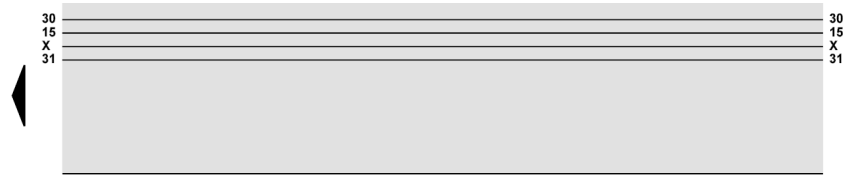
- D - Ignition/starter switch
- E1 - Lighting switch
- E256 - TCS/ESP button
- E281 - Operating unit to control suspension height
- J104 - ABS with EDL control unit
- J431 - Headlight range control, control unit
- S7 - Fuse in fuse box
- T10a - 10-pin connector, pink, connector point, A pillar, left
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10an - 10-pin connector, on headlight, left
- T10ao - 10-pin connector, on headlight, right
- T10ay - 10-pin connector, pink, connector point, A pillar, right
- T10az - 10-pin connector, red, connector point, A pillar, right
- T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A127 - Connection (rear left speed sensor), in dash panel wiring harness
- J9 - Connection -1- (15a), in ABS wiring harness
- * - Models with automatic dynamic headlight range control

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

Audi A6

Current Flow Diagram

No. 71 / 8



Control unit for headlight range control, vehicle level sender - rear left, vehicle level sender - front left

- C - Alternator
- E1 - Lighting switch
- G76 - Vehicle level sender, rear left
- G78 - Vehicle level sender, front left
- J218 - Combi-processor in dash panel insert
- J431 - Headlight range control, control unit
- T4ao - 4-pin connector, black, under rear seat, left
- T10a - 10-pin connector, pink, connector point, A pillar, left
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10aw - 10-pin connector, black, connector point, A pillar, right
- T17g - 17-pin connector, grey, in 8-point relay carrier, behind driver's storage compartment
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 213 - Earth connection -4-, in dash panel wiring harness
- A17 - Connection (61), in dash panel wiring harness
- A51 - Connection (56), in dash panel wiring harness
- * - Models with automatic dynamic headlight range control

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