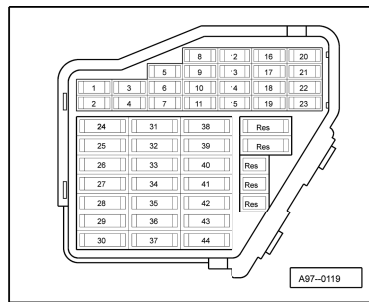


Headlights with gas discharge lamps and automatic dynamic headlight range control

From model year 2000

Fuse box

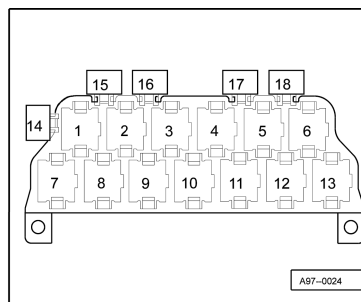


Fuse colours:

- 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.

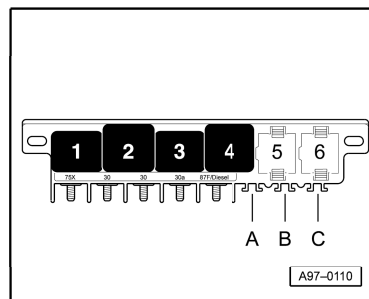
13-point relay carrier



Position of relays:

- 9** - Bulb monitoring device (J123)
- 10** - Bulb monitoring device (J123)

Micro-central electrics



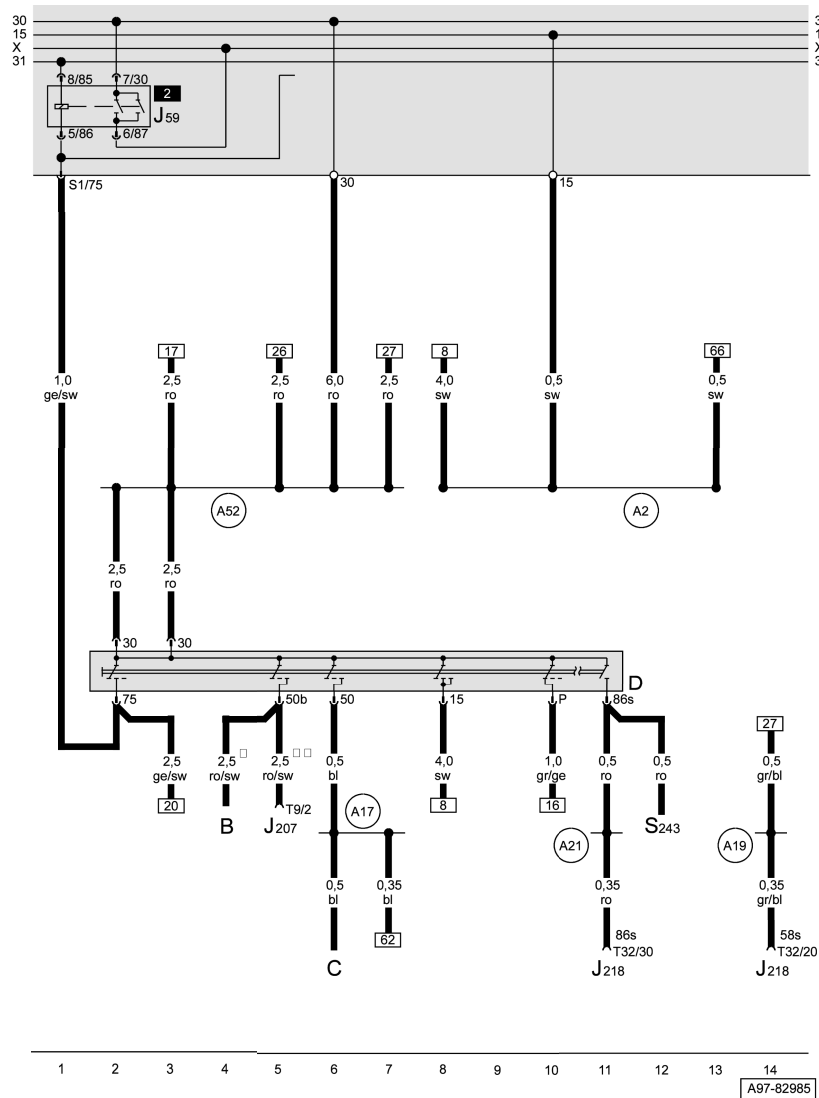
Position of relays:

- 2** - X contact relief relay (J59)

Audi A6

Current Flow Diagram

No. 94 / 2



Ignition/starter switch, X contact relief relay

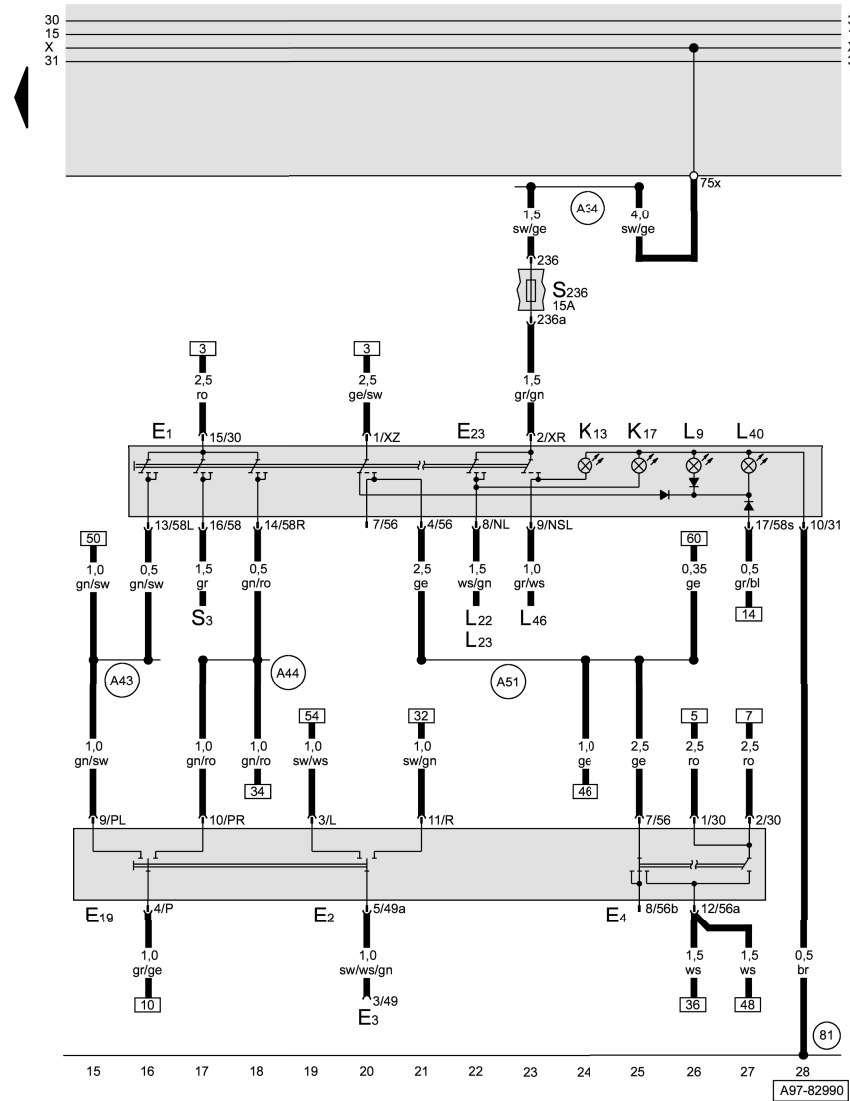
- B - Starter
- C - Alternator
- D - Ignition/starter switch
- J59 - X contact relief relay
- J207 - Starter inhibitor relay
- J218 - Combi-processor in dash panel insert
- S243 - Fuse 43 in fuse box
- T9 - 9-pin connector, brown, at starter inhibitor relay
- T32 - 32-pin connector, blue, on dash panel insert
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A17 - Connection (61), in dash panel wiring harness
- A19 - Connection (58s), in dash panel wiring harness (switch illumination)
- A21 - Connection (86s), in dash panel wiring harness
- A52 - Positive (+) connection 2 (30), in dash panel wiring harness
- * - Models with manual gearbox
- ** - Models with automatic gearbox

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 A6

Current Flow Diagram

No. 94 / 3



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

Lighting switch, headlight dipper switch

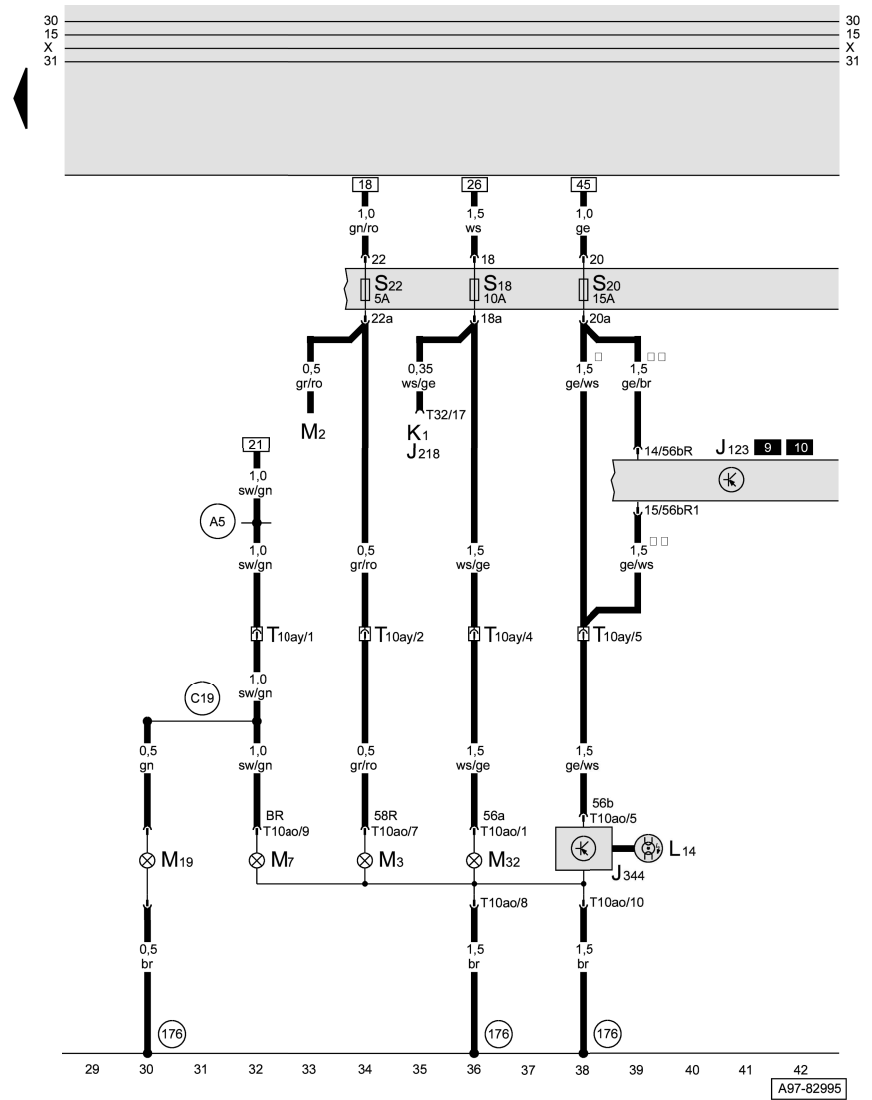
- E1 - Lighting switch
- E2 - Turn signal switch
- E3 - Hazard warning light switch
- E4 - Headlight dipper/flasher switch
- E19 - Parking light switch
- E23 - Front and rear fog light switch
- K13 - Rear fog light warning lamp
- K17 - Fog light warning lamp
- L9 - Lighting switch light bulb
- L22 - Fog light bulb, left
- L23 - Fog light bulb, right
- L40 - Front and rear fog light switch illumination bulb
- L46 - Rear fog light bulb, left
- S3 - Fuse in fuse box
- S236 - Fuse 36 in fuse box
- 81 - Earth connection -1-, in dash panel wiring harness
- A34 - Connection (75x), in dash panel wiring harness
- A43 - Connection (57L), in dash panel wiring harness
- A44 - Connection (57R), in dash panel wiring harness
- A51 - Connection (56), in dash panel wiring harness



Audi A6

Current Flow Diagram

No. 94 / 4



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

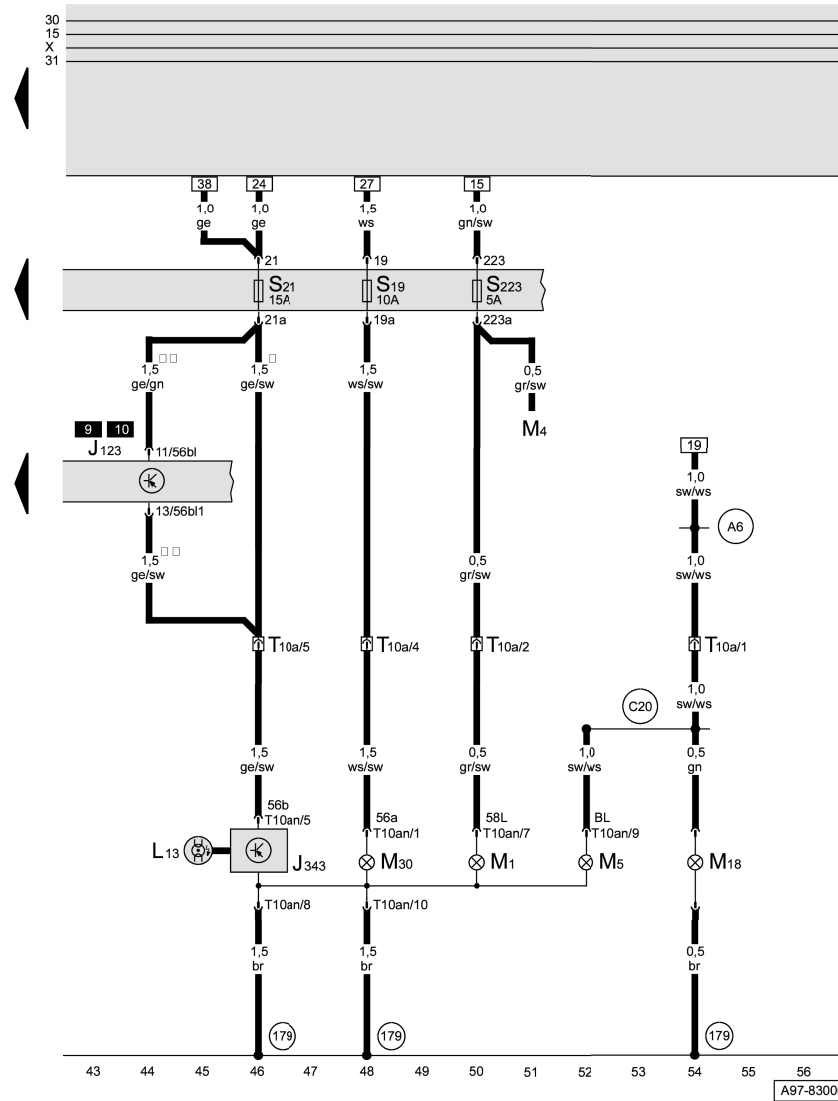
Headlight, right

- J123 - Bulb monitoring device
- J218 - Combi-processor in dash panel insert
- J344 - Right gas discharge lamp control unit
- K1 - Main beam warning lamp
- L14 - Right gas discharge lamp
- M2 - Tail light bulb, right
- M3 - Side light bulb, right
- M7 - Turn signal bulb, front right
- M19 - Side turn signal bulb, right
- M32 - Main beam bulb, right
- S18 - Fuse in fuse box
- S20 - Fuse in fuse box
- S22 - Fuse in fuse box
- T10ao - 10-pin connector, on headlight, right
- T10ay - 10-pin connector, pink, connector point, A pillar, right
- T32 - 32-pin connector, blue, on dash panel insert
- 176 - Earth connection, in right headlight wiring harness
- A5 - Positive (+) connection (turn signal, right), in dash panel wiring harness
- C19 - Connection -1- (turn signal, right), in headlight wiring harness
- * - Models without driver information system
- ** - Models with driver information system

Audi A6

Current Flow Diagram

No. 94 / 5



Headlight, left

- J123 - Bulb monitoring device
- J343 - Left gas discharge lamp control unit
- L13 - Left gas discharge lamp
- M1 - Side light bulb, left
- M4 - Tail light bulb, left
- M5 - Turn signal bulb, front left
- M18 - Side turn signal bulb, left
- M30 - Main beam bulb, left
- S19 - Fuse in fuse box
- S21 - Fuse in fuse box
- S223 - Fuse 23 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
- 179 - Earth connection, in left headlight wiring harness
- A6 - Positive (+) connection (left turn signal), in dash panel wiring harness
- C20 - Connection (turn signal, left), in headlight wiring harness

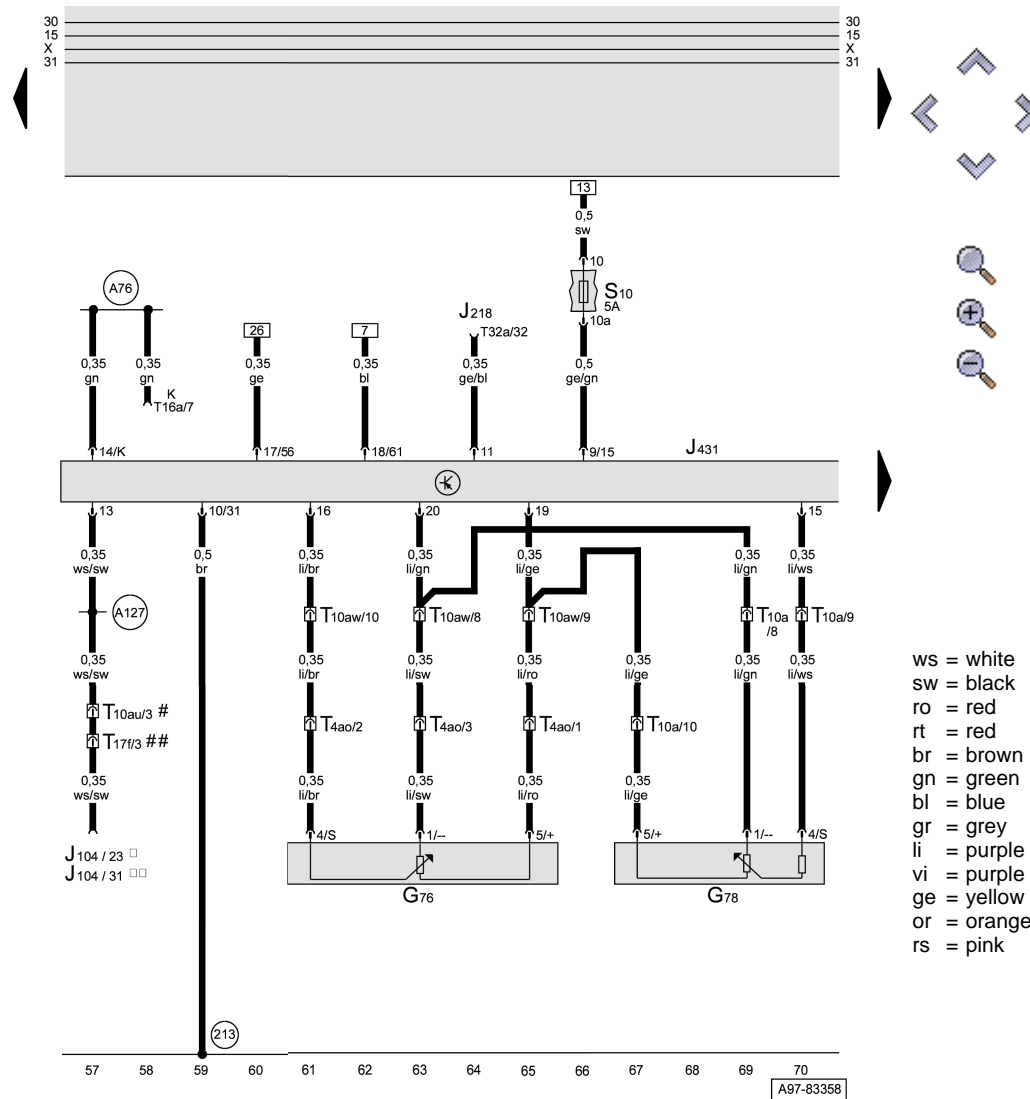
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

- * - Models without driver information system
- ** - Models with driver information system

Audi A6

Current Flow Diagram

No. 94 / 6



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

- G76 - Vehicle level sender, rear left
 - G78 - Vehicle level sender, front left
 - J104 - ABS with EDL control unit
 - J218 - Combi-processor in dash panel insert
 - J431 - Headlight range control, control unit
 - S10 - Fuse in fuse box
 - T4ao - 4-pin connector, black, under rear seat, left
 - T10a - 10-pin connector, pink, connector point, A pillar, left
 - T10au - 10-pin connector, grey, connector point, A pillar, right
 - T10aw - 10-pin connector, black, connector point, A pillar, right
 - T16a - 16-pin connector, diagnosis connection
 - T17f - 17-pin connector, black, in 8-point relay carrier, behind driver's storage compartment
 - T32a - 32-pin connector, green, on dash panel insert
 - 213 - Earth connection -4-, in dash panel wiring harness
 - A76 - Connection (diagnosis wire K), in dash panel wiring harness
 - A127 - Connection (rear left speed sensor), in dash panel wiring harness
- * - Models with ABS 5.3
 ** - Models with ABS 5.3 and electronic stability program (ESP)
 # - Up to model year 2000
 ## - From model year 2001 onwards

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

Audi A6

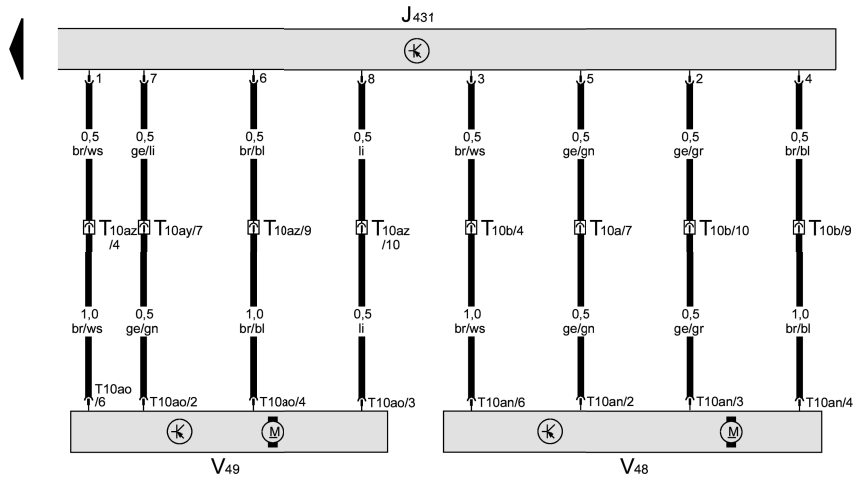
Current Flow Diagram

No. 94 / 7



Headlight range control motor-left, headlight range control motor-right

- J431 - Headlight range control, control unit
- 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
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right



- 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