

Audi A6

Current Flow Diagram

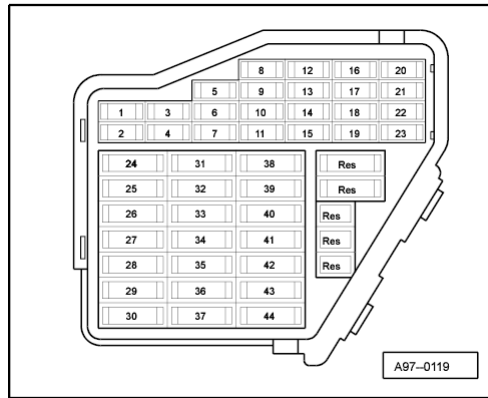
No. 13 / 1

Edition 02.2000

Ultra-sonic parking aid, front and rear

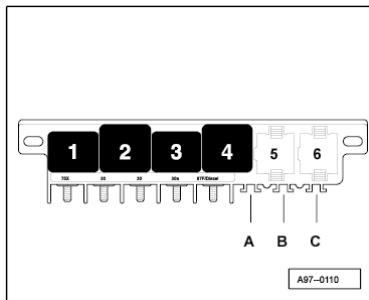
From model year 2000

Fuse box



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

Micro-central electrics



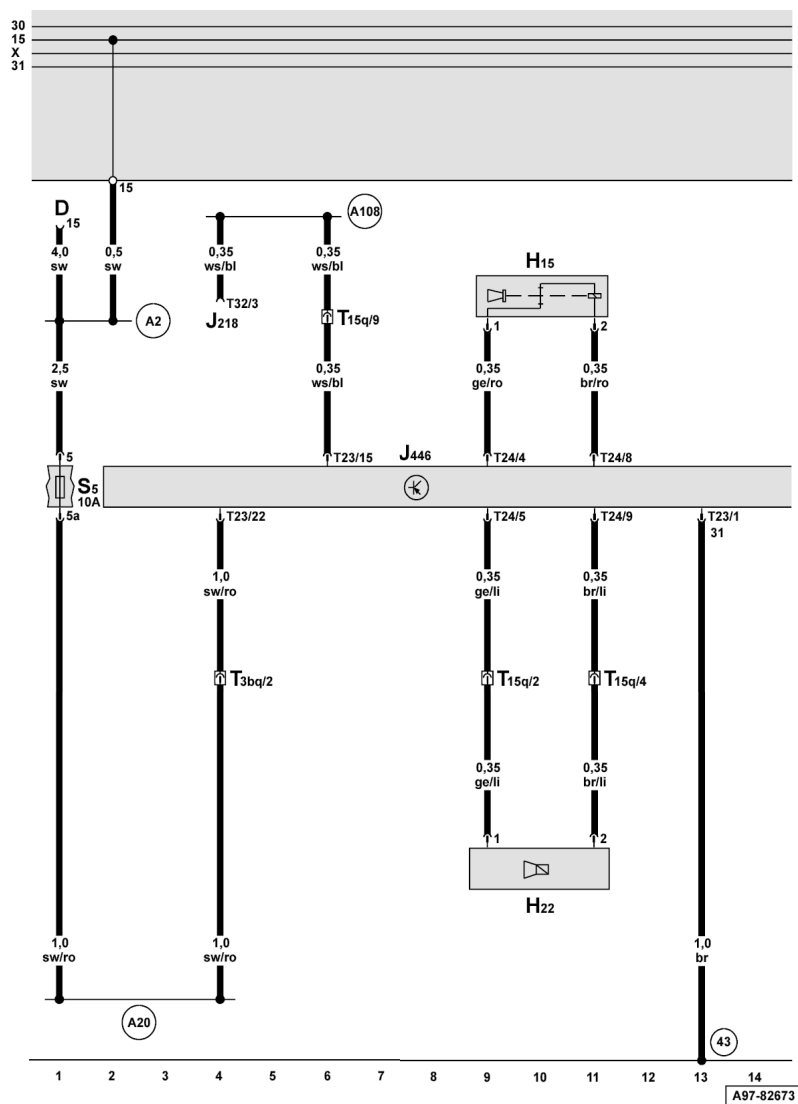
Fuse colours:

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

Audi A6

Current Flow Diagram

No. 13 / 2



Parking aid control unit, rear parking aid warning buzzer

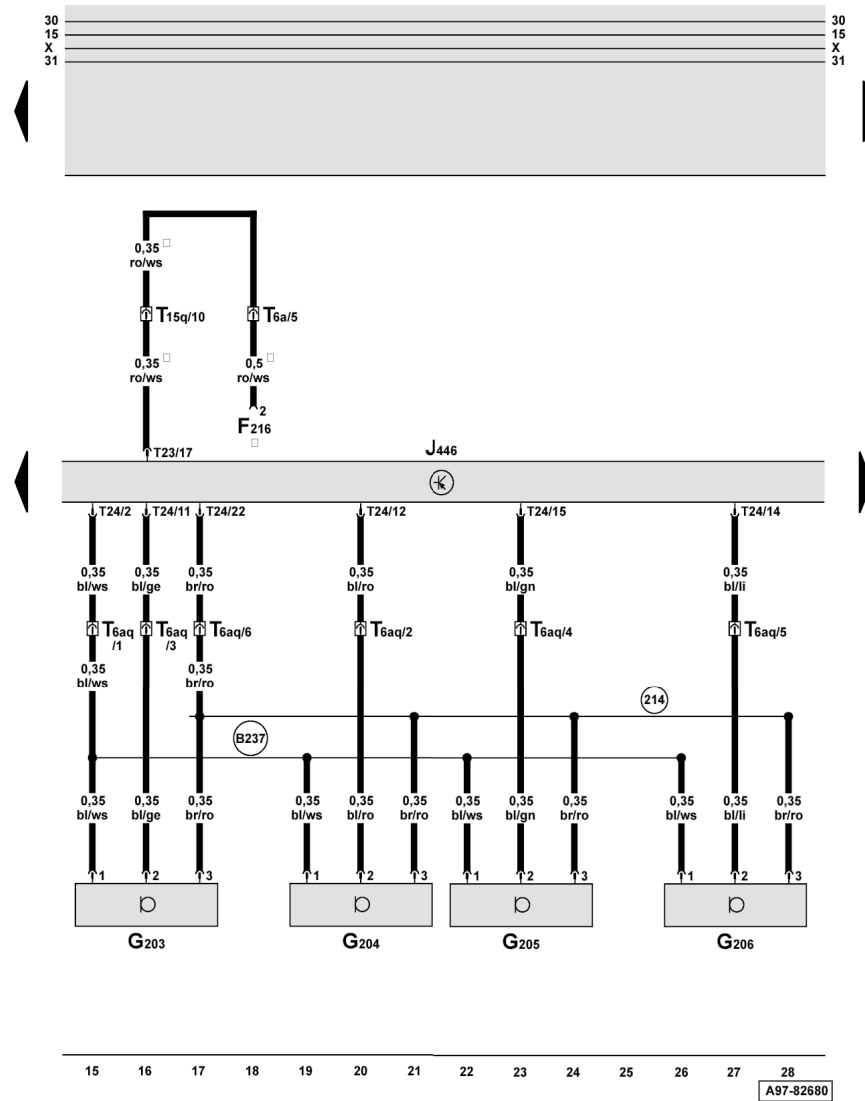
- D - Ignition/starter switch
- H15 - Parking aid warning buzzer
- H22 - Front parking aid warning buzzer
- J218 - Combi-processor in dash panel insert
- J446 - Parking aid control unit
- S5 - Fuse in fuse box
- T3bq - 3-pin connector, white, connector point, A pillar, right
- T15q - 15-pin connector, white, connector point, A pillar, right
- T23 - 23-pin connector, black, on parking aid control unit
- T24 - 24-pin connector, black, on parking aid control unit
- T32 - 32-pin connector, blue, on dash panel insert
- 43 - Earth point, lower part of right A-pillar
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A20 - Connection (15a), 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. 13 / 3



Parking aid control unit, ultra-sonic sensors in rear bumper

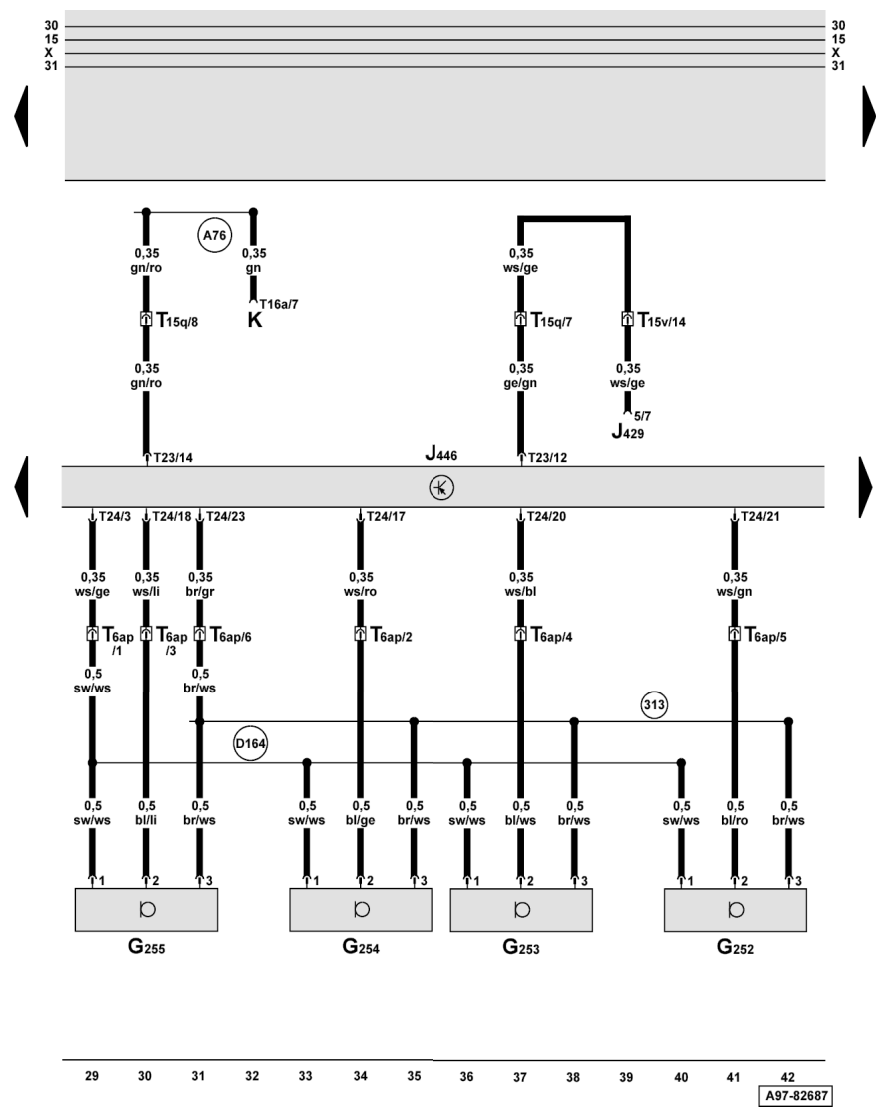
- F216 - Rear fog light cut-out, contact switch
- G203 - Rear left parking aid sender
- G204 - Centre rear left parking aid sender
- G205 - Centre rear right parking aid sender
- G206 - Rear right parking aid sender
- J446 - Parking aid control unit
- T6a - 6-pin connector, blue, connector point, A pillar, left
- T6aq - 6-pin connector, black, in luggage compartment, left
- T15q - 15-pin connector, white, connector point, A pillar, right
- T23 - 23-pin connector, black, on parking aid control unit
- T24 - 24-pin connector, black, on parking aid control unit
- 214 - Earth connection, in rear wiring harness
- B237 - Positive (+) connection (parking aid), in rear wiring harness
- * - Models with trailer coupling

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. 13 / 4



Parking aid control unit, ultra-sonic sensors in front bumper

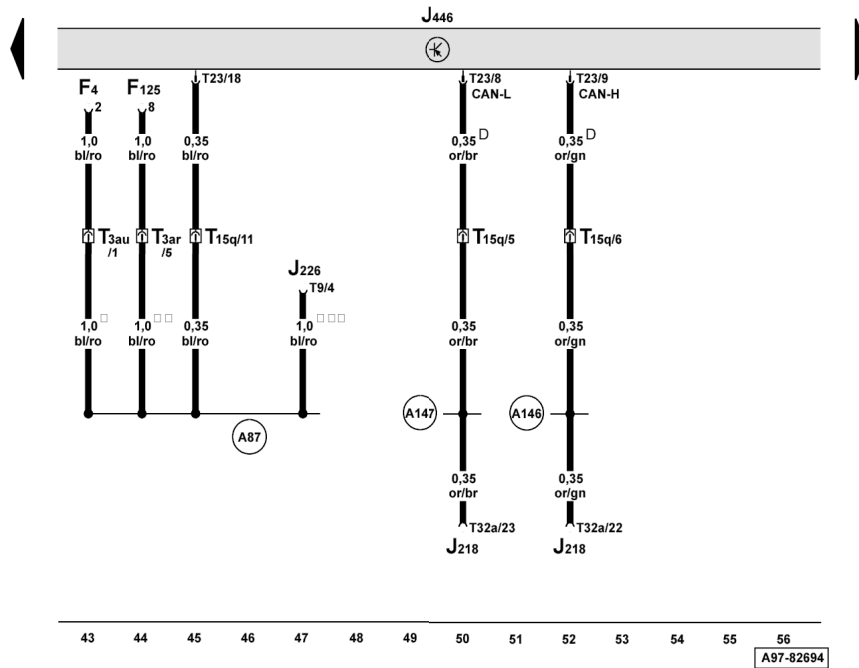
- G252 - Parking aid sender, front right
- G253 - Parking aid sender, front right, centre
- G254 - Parking aid sender, front left, centre
- G255 - Parking aid sender, front left
- J429 - Central locking control unit
- J446 - Parking aid control unit
- K - Diagnosis connection
- T6ap - 6-pin connector, black, behind bumper, front left
- T15q - 15-pin connector, white, connector point, A pillar, right
- T15v - 15-pin connector, orange, connector point, A pillar, right
- T16a - 16-pin connector, diagnosis connection
- T23 - 23-pin connector, black, on parking aid control unit
- T24 - 24-pin connector, black, on parking aid control unit
- 313 - Earth connection (parking aid), in engine compartment wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- D164 - Positive (+) connection (parking aid), in engine compartment 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. 13 / 5



Parking aid control unit, reversing light switch

- F4 - Reversing light switch
- F125 - Multi-function switch
- J218 - Combi-processor in dash panel insert
- J226 - Starter inhibitor and reversing light relay
- J446 - Parking aid control unit
- T3ar - 3-pin connector, blue, connector point, A pillar, right
- T3au - 3-pin connector, red, connector point, electronics box, plenum chamber
- T9 - 9-pin connector, brown, at starter inhibitor relay
- T15q - 15-pin connector, white, connector point, A pillar, right
- T23 - 23-pin connector, black, on parking aid control unit
- T32a - 32-pin connector, green, on dash panel insert
- A87 - Connection (reversing light), in dash panel wiring harness

- A146 - Connection (convenience CAN bus, high), in dash panel wiring harness
- A147 - Connection (convenience CAN bus, low), in dash panel wiring harness

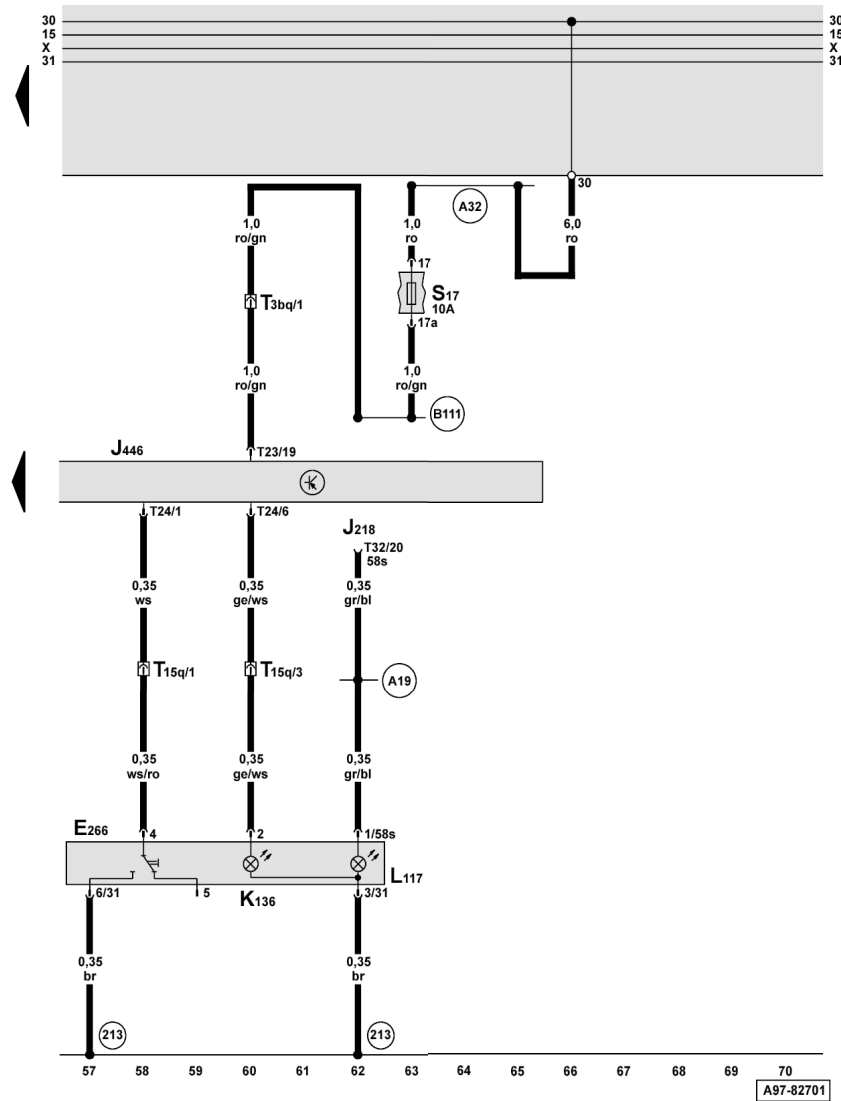
- - CAN bus (data wire)
- * - Models with manual gearbox
- ** - Models with automatic gearbox 01V
- *** - Models with automatic gearbox 01N

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. 13 / 6



Parking aid control unit, parking aid button

- E266 - Parking aid button
- J218 - Combi-processor in dash panel insert
- J446 - Parking aid control unit
- K136 - Parking aid warning lamp
- L117 - Parking aid switch illumination
- S17 - Fuse in fuse box
- T3bq - 3-pin connector, white, connector point, A pillar, right
- T15q - 15-pin connector, white, connector point, A pillar, right
- T23 - 23-pin connector, black, on parking aid control unit
- T24 - 24-pin connector, black, on parking aid control unit
- T32 - 32-pin connector, blue, on dash panel insert
- 213 - Earth connection, in dash panel wiring harness
- A19 - Connection (58s), in dash panel wiring harness (switch illumination)
- A32 - Positive (+) connection (30), in dash panel wiring harness
- B111 - Positive (+) connection -1- (30a), in interior wiring harness

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