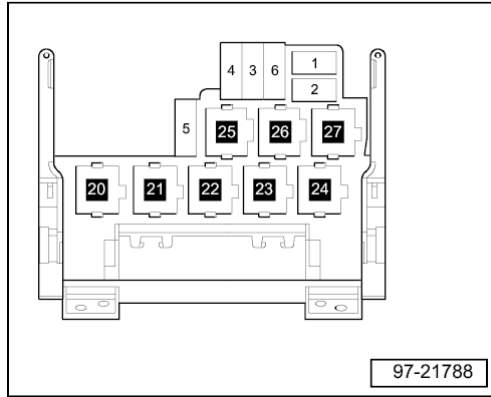


Central locking with remote control and anti-theft alarm system aerial

From September 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on the 19 position upper relay carrier behind the multi-function unit:



Relay locations on the 8 position lower relay carrier behind the multi-function unit:

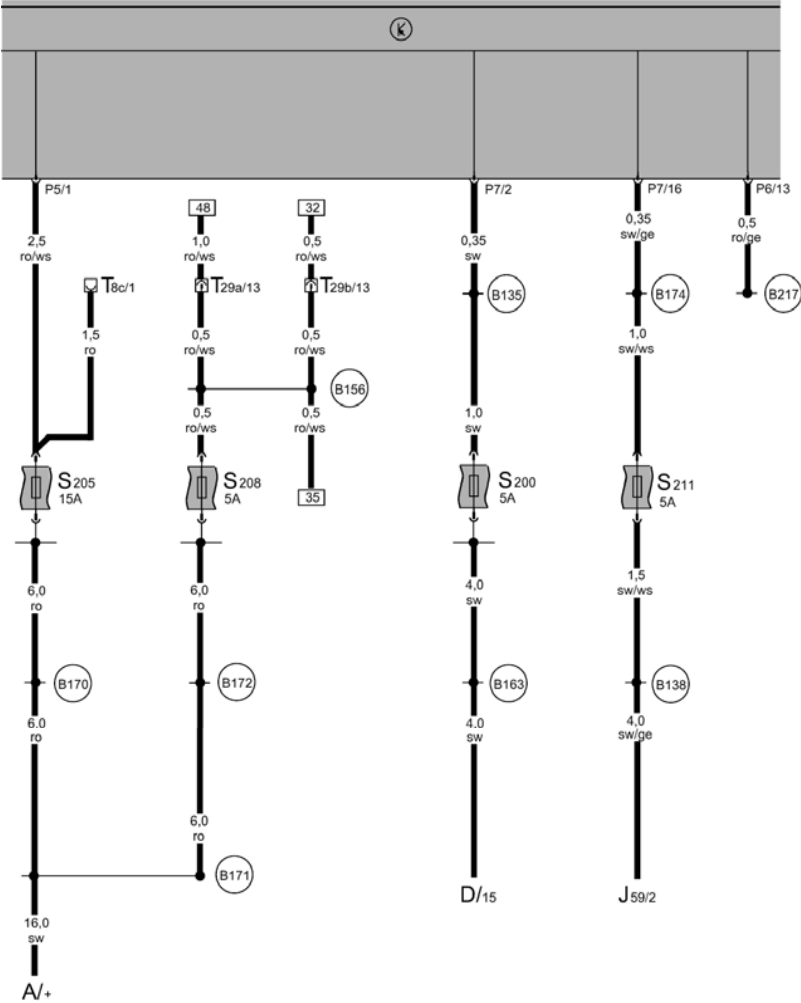
Fuse colours

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

Sharan

No. 37 / 2

Current Flow Diagram



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

Central locking fuses

- A - Battery
- D - Ignition/starter switch
- J59 - X contact relief relay
- S200 - Fuse -2- (15), No. 3 in fuse box
- S205 - Fuse -2- (30), No. 12 in fuse box
- S208 - Fuse -5- (30), No. 19 in fuse box
- S211 - Fuse -1- (X), No. 29 in fuse box
- T8e - 8-pin connector, behind left A pillar/dash panel trim
- T29a - 29-pin connector, on left A-pillar
- T29b - 29-pin connector, on right A-pillar
- B135 - Connection -1- (15a), in interior wiring harness
- B138 - Positive (+) connection -1- (X), in interior wiring harness
- B156 - Positive (+) connection (30a), in interior wiring harness
- B163 - Positive (+) connection -1- (15), in interior wiring harness
- B170 - Positive (+) connection -2- (30), in interior wiring harness
- B171 - Positive (+) connection -3- (30), in interior wiring harness
- B172 - Positive (+) connection -4- (30), in interior wiring harness
- B174 - Positive (+) connection -3- (X), in interior wiring harness
- B217 - Connection (additional heater), in interior wiring harness

Door contact switch, luggage compartment light switch, engine compartment lighting switch



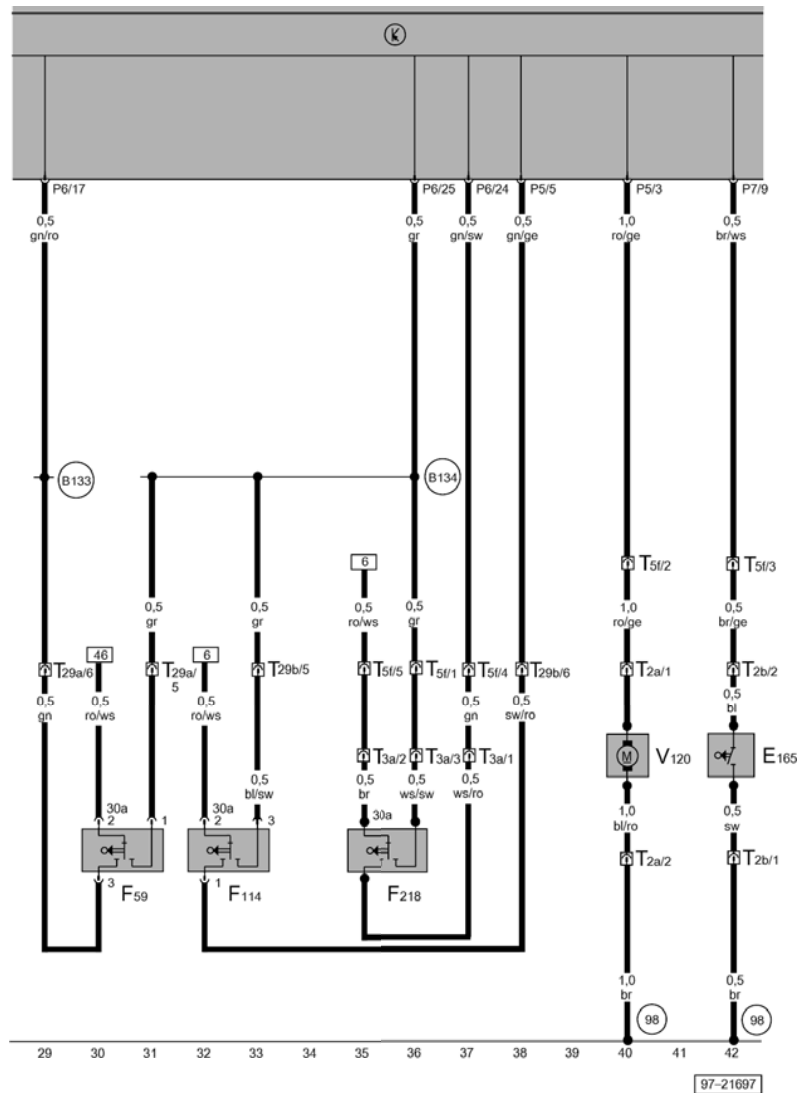
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

- | | |
|------|--|
| A | - Battery |
| F2 | - Door contact switch, driver's side |
| F3 | - Door contact switch, front passenger's side |
| F10 | - Rear left door contact switch |
| F11 | - Rear right door contact switch |
| F160 | - Rear left door contact switch (rear) |
| F214 | - Engine compartment lighting switch |
| T5d | - 5-pin connector, behind lower right D pillar trim |
| 32 | - Earth connection, behind dash panel, left |
| 75 | - Earth point, rear pillar, right |
| 98 | - Earth connection, in tailgate/boot lid wiring harness |
| 131 | - Earth connection -2-, in engine compartment wiring harness |
| 249 | - Earth connection -2-, in interior wiring harness |
| B154 | - Connection -1- (DC), in interior wiring harness |
| B155 | - Connection -2- (DC), in interior wiring harness |
| * | - From September 1998 |
| -●●- | - Up to August 1998 |

Sharan

Current Flow Diagram

No. 37 / 4



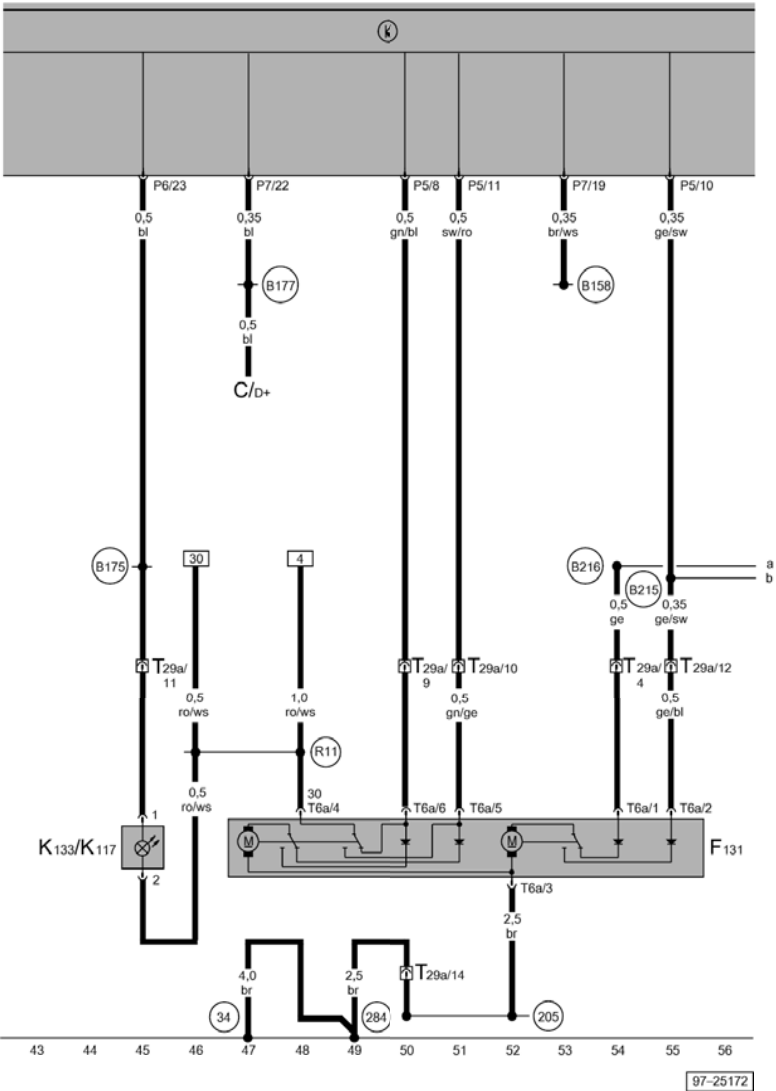
Tailgate/boot lid central locking switch (driver's side), tailgate/boot lid central locking switch (front passenger's side), tailgate/boot lid central locking switch (tailgate/boot lid), tailgate/bootlid lock motor

- E165 - Tailgate/boot lid release switch
- F59 - Tailgate/boot lid central locking switch (driver's side)
- F114 - Tailgate/boot lid central locking switch (front passenger's side)
- F218 - Tailgate/boot lid central locking switch
- T2a - 2-pin connector, in tailgate/boot lid
- T2b - 2-pin connector, in tailgate/boot lid
- T3a - 3-pin connector, in tailgate/boot lid
- T5f - 5-pin connector, behind lower right D pillar trim
- T29a - 29-pin connector, on left A-pillar
- T29b - 29-pin connector, on right A-pillar
- V120 - Tailgate/bootlid lock motor
- 98 - Earth connection, in tailgate/boot lid wiring harness
- B133 - Connection (central locking open), in interior wiring harness
- B134 - Connection (central locking closed), in interior wiring harness

Sharan

No. 37 / 5

Current Flow Diagram



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

Central locking actuator, front left, immobilizer/ central locking warning lamp

- C - Alternator
- F131 - Central locking actuator, front left
- K117 - Central locking warning lamp, identical to K133
- K133 - Central locking warning lamp -SAFE-, in top edge of driver's door trim
- T6a - 6-pin connector
- T29a - 29-pin connector, on left A-pillar
- 34 - Earth point, under driver's seat
- 205 - Earth connection, in driver door wiring harness
- 284 - Earth connection -6-, in interior wiring harness
- B158 - Connection (S), in interior wiring harness
- B175 - Positive (+) connection (central locking), in interior wiring harness
- B177 - Connection (61), in interior wiring harness
- B215 - Connection -2- (central locking), in interior wiring harness
- B216 - Connection -3- (central locking), in interior wiring harness
- R11 - Positive (+) connection -2- (30), in driver's side door wiring harness

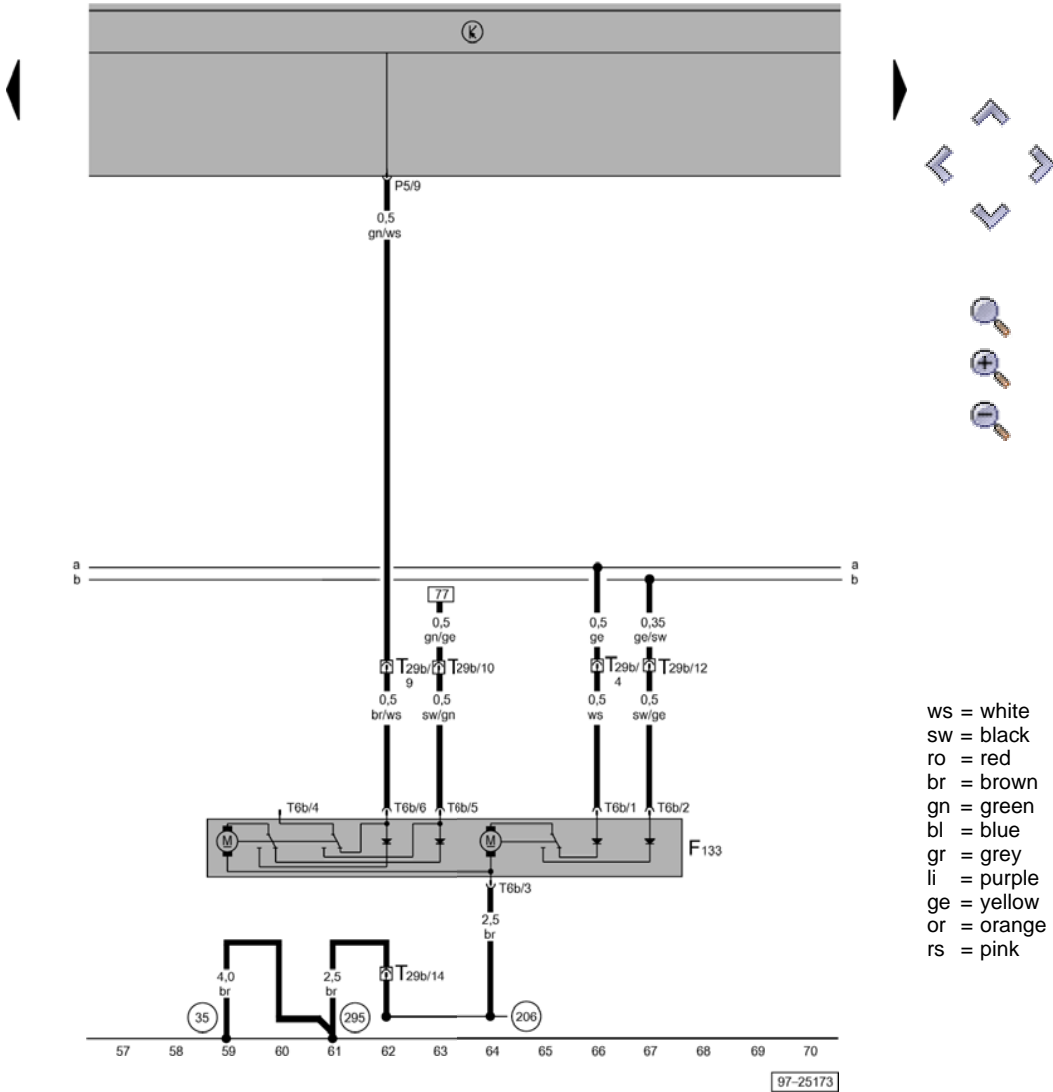
Sharan

No. 37 / 6

Current Flow Diagram

Central locking actuator, front right

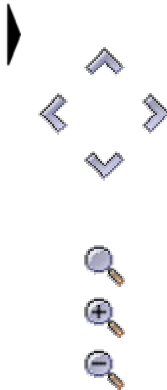
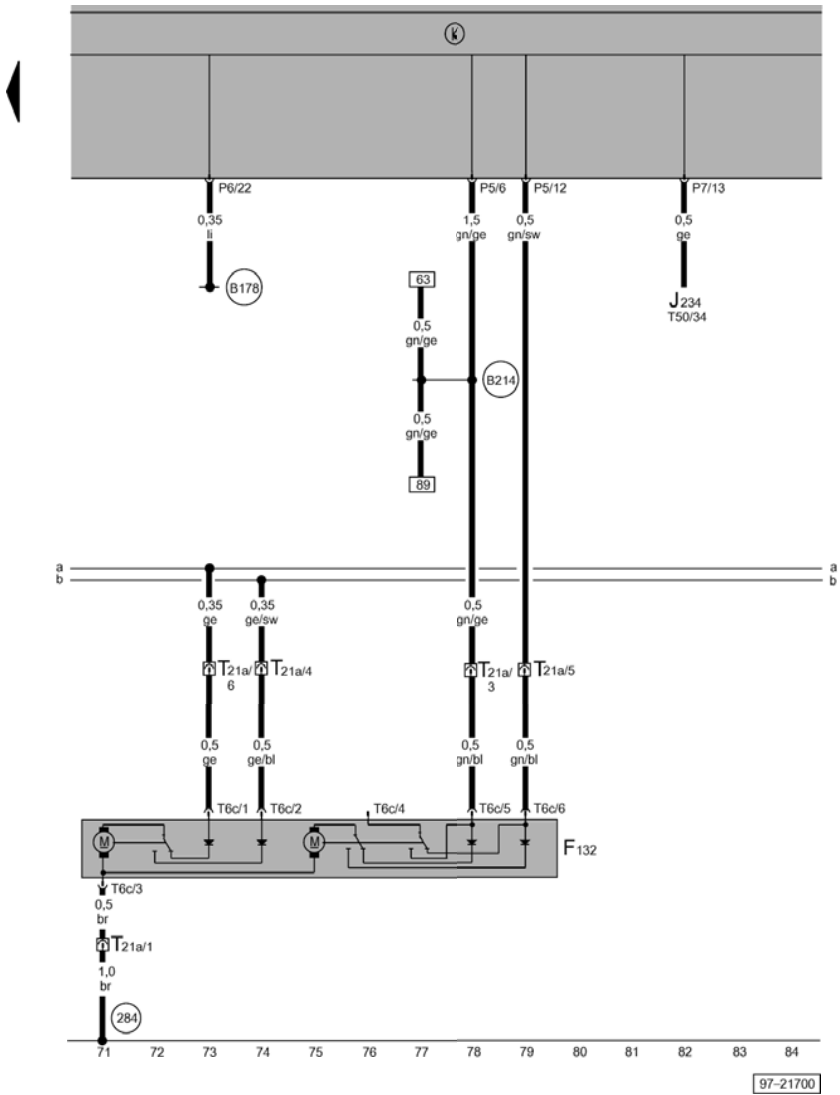
- F133 - Central locking actuator, front right
- T6b - 6-pin connector
- T29b - 29-pin connector, on right A-pillar
- 35 - Earth point, under front passenger's seat
- 206 - Earth connection, in front passenger's door wiring harness
- 295 - Earth connection -10-, in interior wiring harness



Sharan

No. 37 / 7

Current Flow Diagram



Central locking actuator, rear left

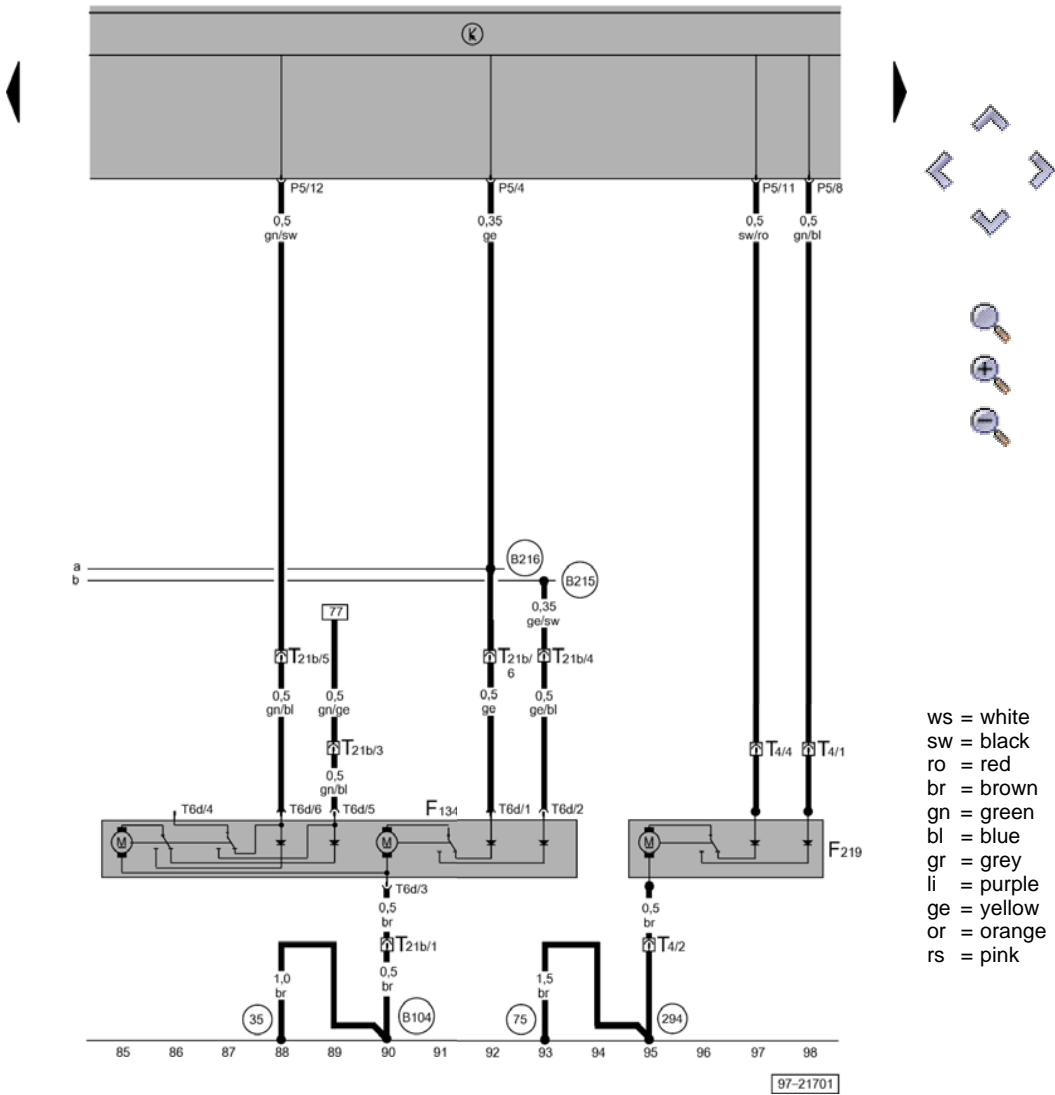
- F132 - Central locking actuator, rear left
- J234 - Airbag control unit
- T6c - 6-pin connector
- T21a - 21-pin connector, on left B-pillar
- T50 - 50-pin connector, on airbag control unit
- 284 - Earth connection -6-, in interior wiring harness
- B178 - Connection (speed signal), in interior wiring harness
- B214 - Connection -1- (central locking), 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

Sharan

No. 37 / 8

Current Flow Diagram



Central locking actuator, rear right, fuel tank filler flap central locking actuator

- F134 - Central locking actuator, rear right
- F219 - Fuel tank filler flap central locking actuator
- T4 - 4-pin connector, behind trim near fuel tank filler flap
- T6d - 6-pin connector
- T21b - 21-pin connector, on right B-pillar
- 35 - Earth point, under front passenger's seat
- 75 - Earth point, rear pillar, right
- 294 - Earth connection -9-, in interior wiring harness
- B104 - Earth connection (rear right), in interior wiring harness
- B215 - Connection -2- (central locking), in interior wiring harness
- B216 - Connection -3- (central locking), in interior wiring harness

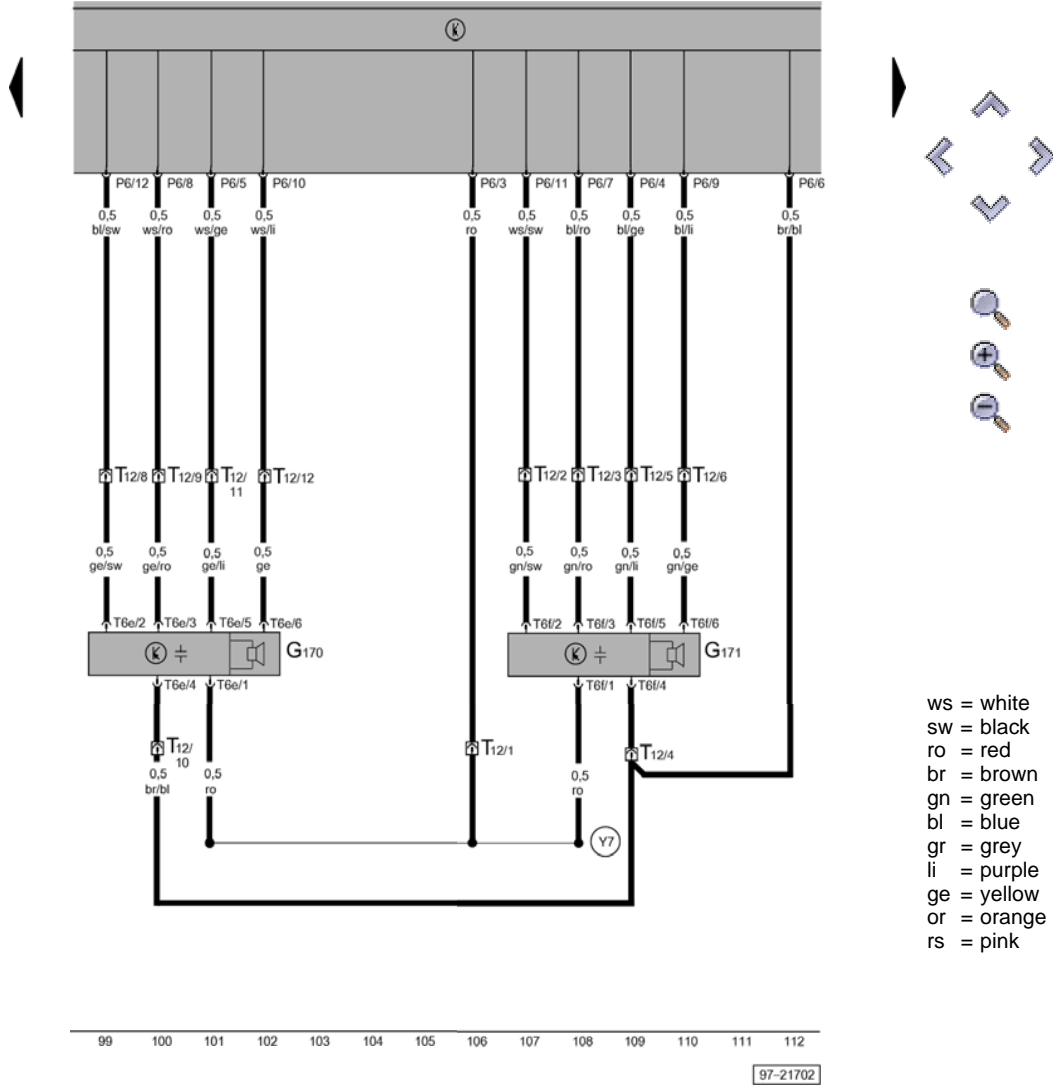
Sharan

No. 37 / 9

Current Flow Diagram

Interior monitor ultra-sonic sensor

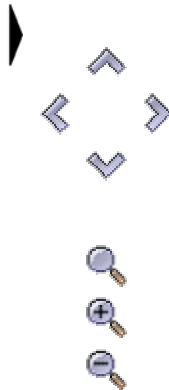
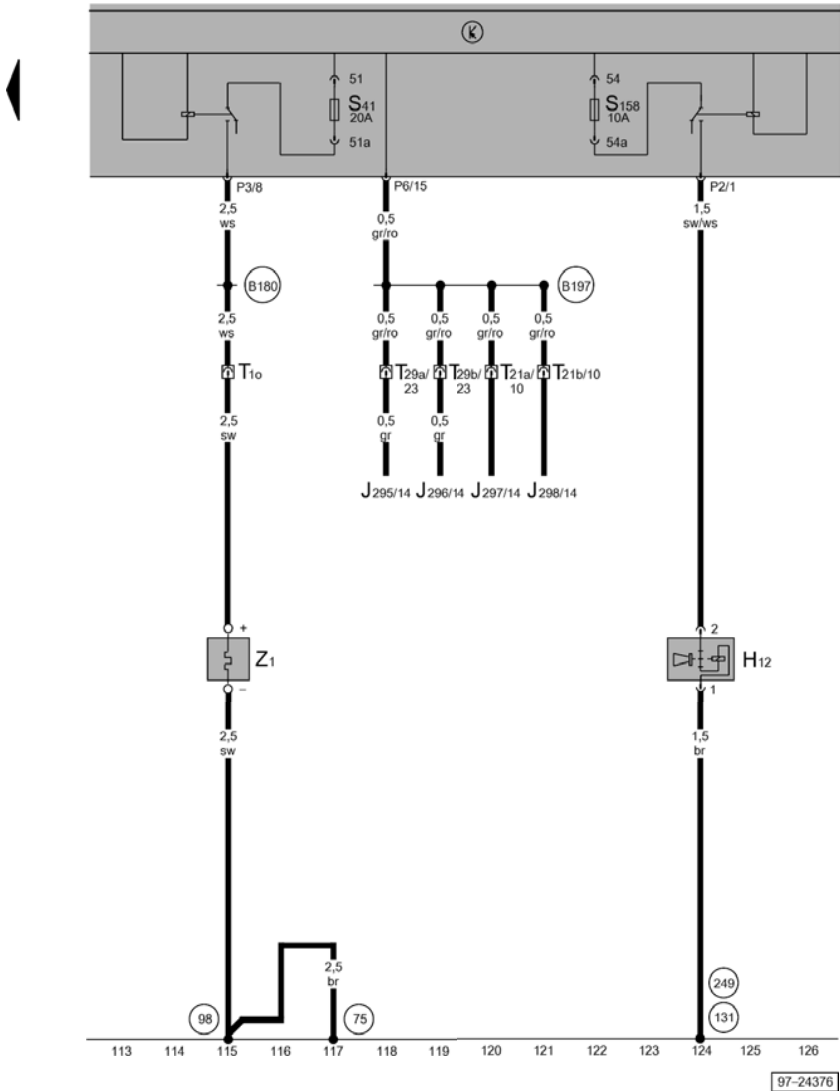
- G170 - Left ultra-sonic sensor for anti-theft alarm system, in lower left B pillar trim
- G171 - Right ultra-sonic sensor for anti-theft alarm system, in lower right B pillar trim
- T6e - 6-pin connector
- T6f - 6-pin connector
- T12 - 12-pin connector, behind left A pillar/dash panel trim
- Y7 - Connection (ultrasonic sensor), in interior light wiring harness



Sharan

Current Flow Diagram

No. 37 / 10



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

Alarm horn, heated rear window

- H12 - Alarm horn, in plenum chamber, centre
- J295 - Window lifter control unit, FL
- J296 - Electric window control unit, FR
- J297 - Window lifter unit, RL
- J298 - Window lifter control unit, RR
- S41 - Heated rear window single fuse
- S158 - Alarm horn fuse
- T1o - 1-pin connector, behind lower right D pillar trim
- T21a - 21-pin connector, on left B-pillar
- T21b - 21-pin connector, on right B-pillar
- T29a - 29-pin connector, on left A-pillar
- T29b - 29-pin connector, on right A-pillar
- Z1 - Heated rear window
- 75 - Earth point, rear pillar, right
- 98 - Earth connection, in tailgate/boot lid wiring harness
- 131 - Earth connection -2-, in engine compartment wiring harness (up to August 1998)
- 249 - Earth connection -2-, in interior wiring harness (from September 1998)
- B180 - Connection (heated rear window), in interior wiring harness
- B197 - Connection (window closing), in interior wiring harness

Sharan

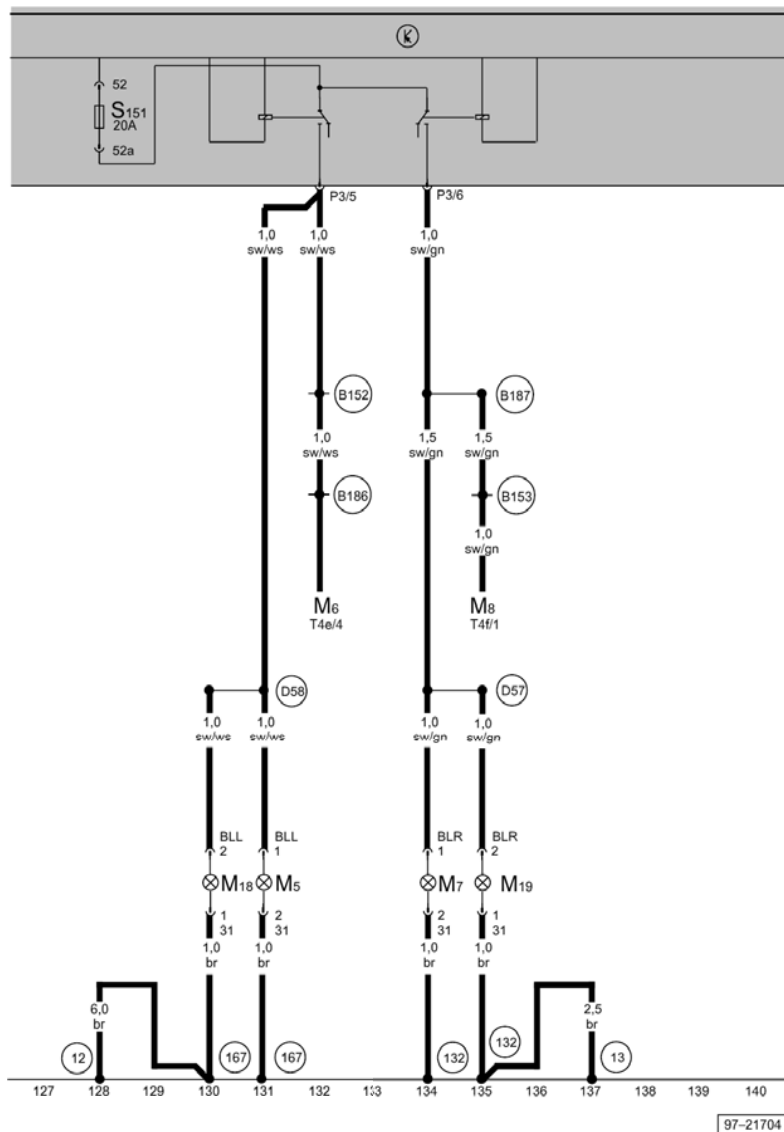
No. 37 / 11

Current Flow Diagram

Front and rear turn signals, left and right side turn signals

- M5 - Turn signal bulb, front left
- M6 - Turn signal bulb, rear left
- M7 - Turn signal bulb, front right
- M8 - Turn signal bulb, rear right
- M18 - Side turn signal bulb, left
- M19 - Side turn signal bulb, right
- S151 - Turn signal fuse
- T4e - 4-pin connector, on left tail light
- T4f - 4-pin connector, on right tail light
- 12 - Earth point, in engine compartment, left - below the battery
- 13 - Earth point, in engine compartment, right
- 132 - Earth connection -3-, in engine compartment wiring harness
- 167 - Earth connection -4-, in engine compartment wiring harness
- B152 - Connection -1- (TSL), in interior wiring harness
- B153 - Connection -1- (TSR), in interior wiring harness
- B186 - Connection -2- (BL (brake light, left)), in interior wiring harness
- B187 - Connection -2- (BR (brake light, right)), in interior wiring harness
- D57 - Connection (right turn signal), in engine compartment wiring harness
- D58 - Connection (left turn signal), 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



97-21704