

Audi A4

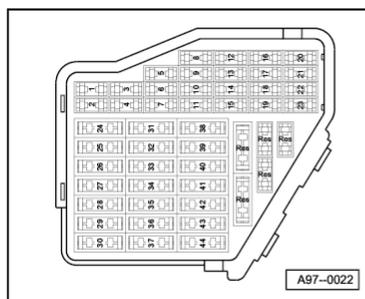
Current Flow Diagram

No. 1/1

Basic equipment

From model year 2000

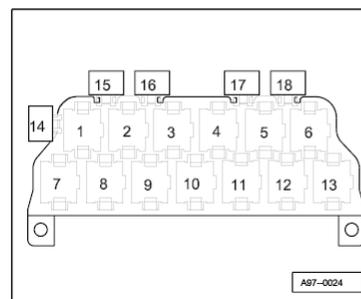
Fuse box:



Fuse colours:
 30 A – green
 25 A – white
 20 A – yellow
 15 A – blue
 10 A – red

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

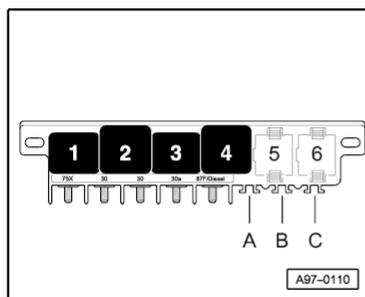
13-point relay carrier:



Position of relays:

7 – Heated rear window relay

Micro-central electrics:



Position of relays:

1 – Horn relay
2 – X contact relief relay
3 – free
5 – Automatic intermittent wash/wipe relay
6 – Automatic intermittent wash/wipe relay

Edition 07.99

Audi A4

Current Flow Diagram

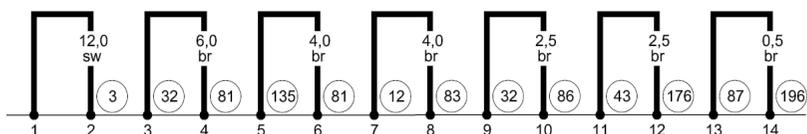
No. 1 / 2



Earth connections

- 3 - Earth strap, engine support right, to longitudinal member right, front
- 12 - Earth point, in engine compartment, left
- 32 - Earth point, behind dash panel, left
- 43 - Earth point, lower part of right A-pillar
- 81 - Earth connection -1-, in dash panel wiring harness
- 83 - Earth connection -1-, in front right wiring harness
- 86 - Earth connection -1-, in rear wiring harness
- 87 - Earth connection -2-, in rear wiring harness
- 135 - Earth connection -2-, in dash panel wiring harness
- 176 - Earth connection, in right headlight wiring harness
- 196 - Earth connection -3-, in rear 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

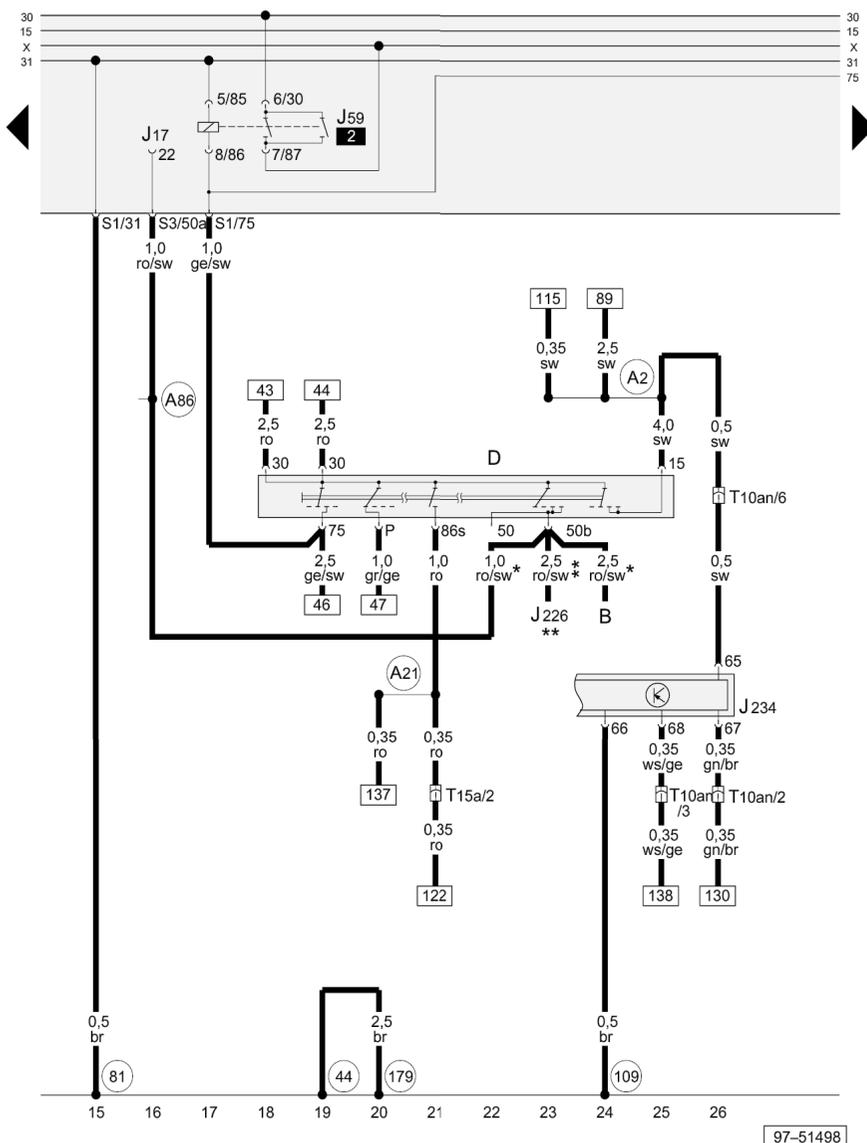


97-51497

Audi A4

Current Flow Diagram

No. 1 / 3



Ignition/starter switch, X contact relief relay

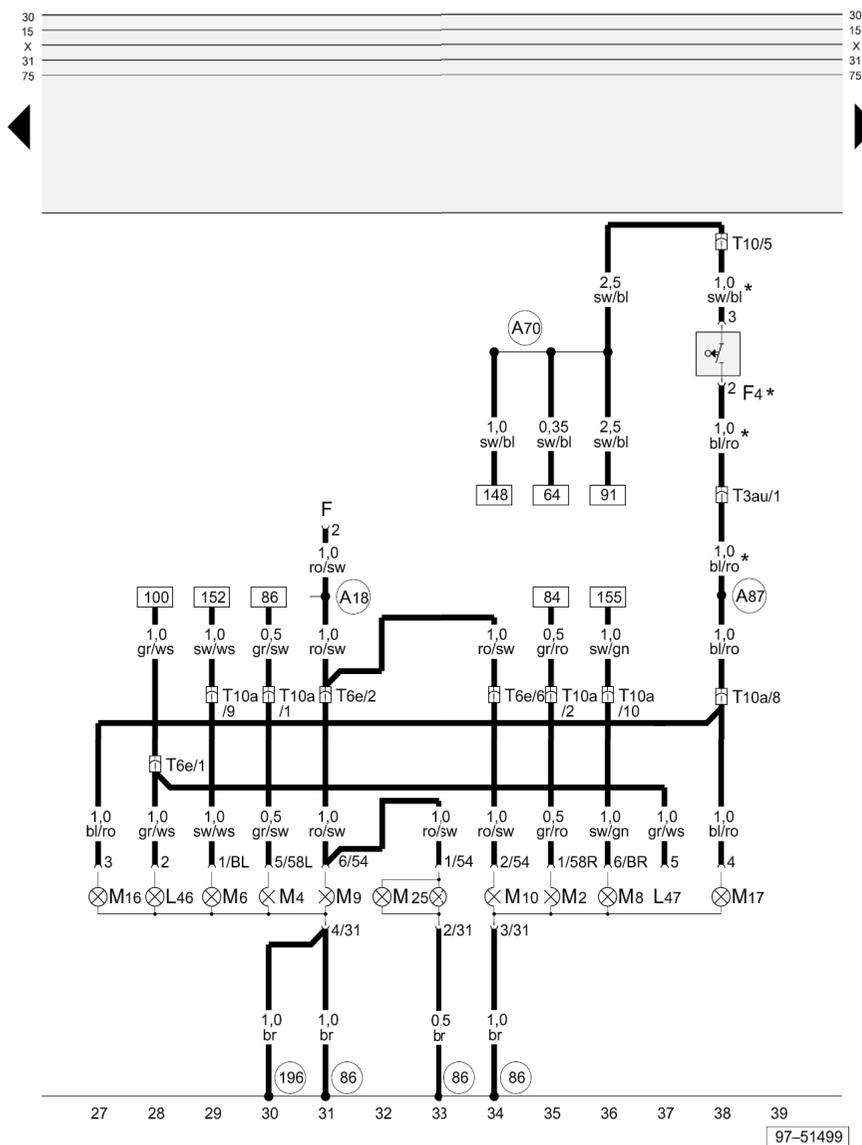
- B - Starter
- D - Ignition/starter switch
- J17 - Fuel pump relay
- J59 - X contact relief relay
- J226 - Starter inhibitor and reversing light relay
- J234 - Airbag control unit
- T10an - 10-pin connector, yellow, right connector point, A pillar
- T15a - 15-pin connector, black, right connector point, A pillar
- 44 - Earth connection -1-, in dash panel wiring harness
- 81 - Earth connection -1-, in dash panel wiring harness
- 109 - Earth connection, in airbag wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A21 - Positive (+) connection (86s), in dash panel wiring harness
- A86 - Connection (50a), in dash panel wiring harness
- * - Only models with manual gearbox
- ** - Only 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 A4

Current Flow Diagram

No. 1 / 4

**Tail light, brake light, reversing light**

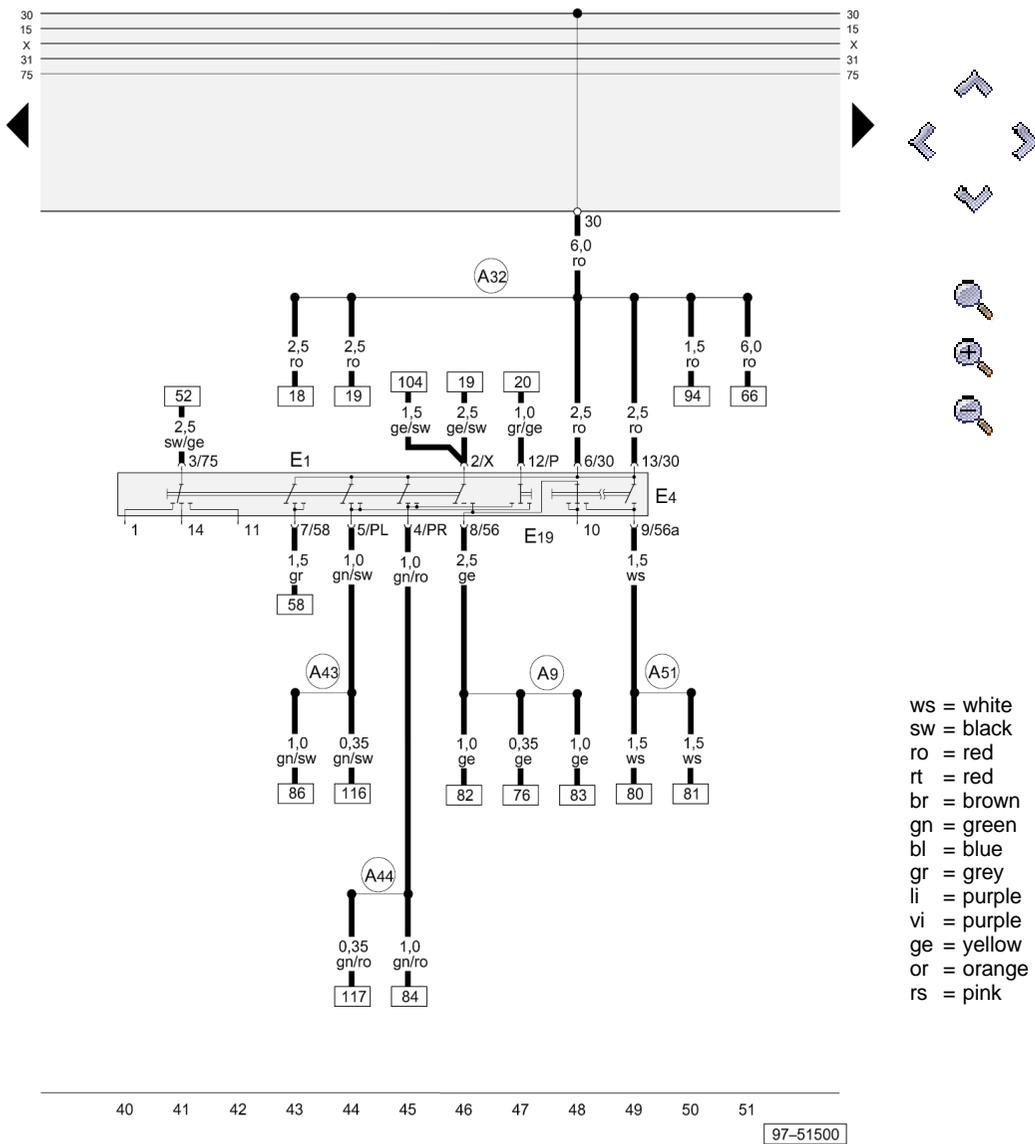
- F - Brake light switch
- F4 - Reversing light switch
- L46 - Rear fog light bulb, left
- L47 - Rear fog light bulb, right
- M2 - Tail light bulb, right
- M4 - Tail light bulb, left
- M6 - Turn signal bulb, rear left
- M8 - Turn signal bulb, rear right
- M9 - Brake light bulb, left
- M10 - Brake light bulb, right
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- M25 - High level brake light bulb
- T3au - 3-pin connector, red, connector point, electronics box, plenum chamber
- T6e - 6-pin connector, blue, left connector point, A pillar
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10a - 10-pin connector, brown, left connector point, A pillar
- 86 - Earth connection -1-, in rear wiring harness
- 196 - Earth connection -3-, in rear wiring harness
- A18 - Connection (54), in dash panel wiring harness
- A70 - Connection (15a, fuse 231), in dash panel wiring harness
- A87 - Connection (RL), in dash panel wiring harness
- * - Only models with manual 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 A4

Current Flow Diagram

No. 1 / 5



Lighting switch

- E1 - Lighting switch
- E4 - Headlight dipper/flasher switch
- E19 - Parking light switch
- A9 - Positive (+) connection (56b), in dash panel wiring harness
- A32 - Positive (+) connection (30), 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

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

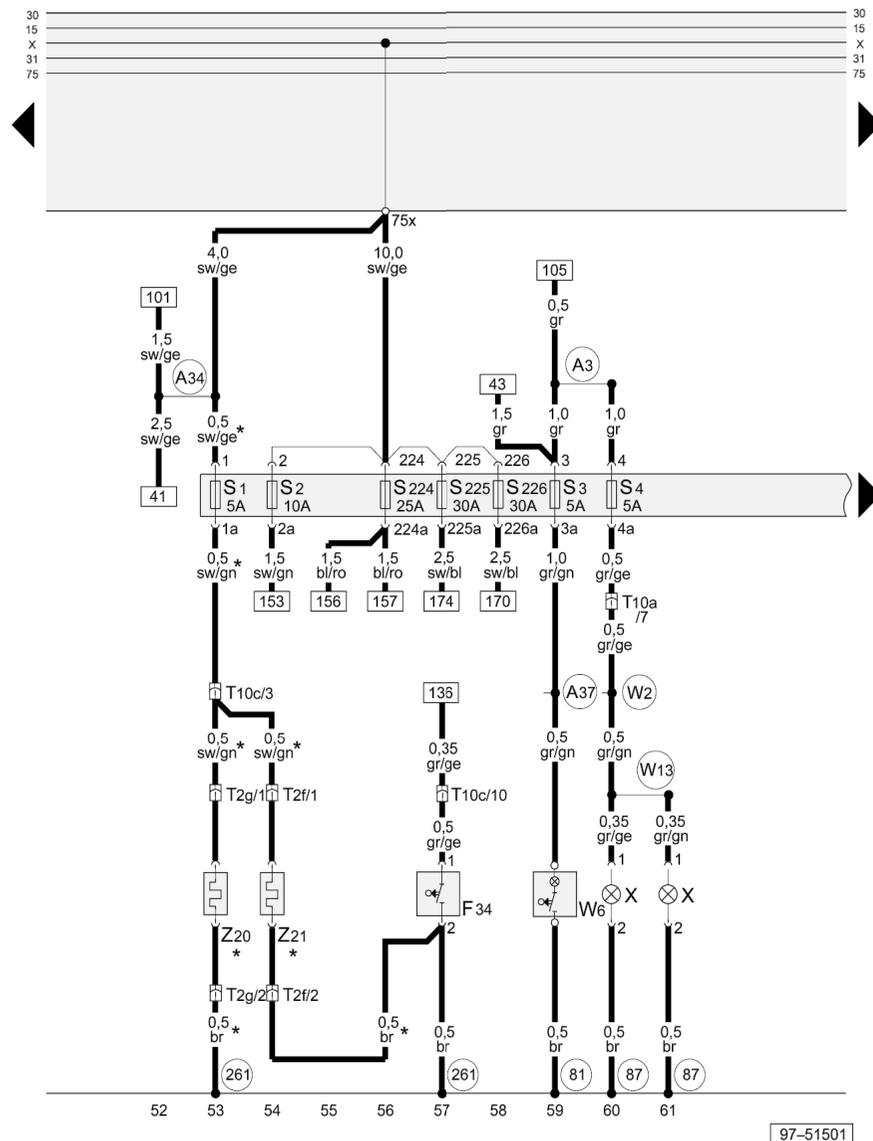
40 41 42 43 44 45 46 47 48 49 50 51

97-51500

Audi A4

Current Flow Diagram

No. 1 / 6



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

Fuse box, number plate light, glove box light, heated washer jets

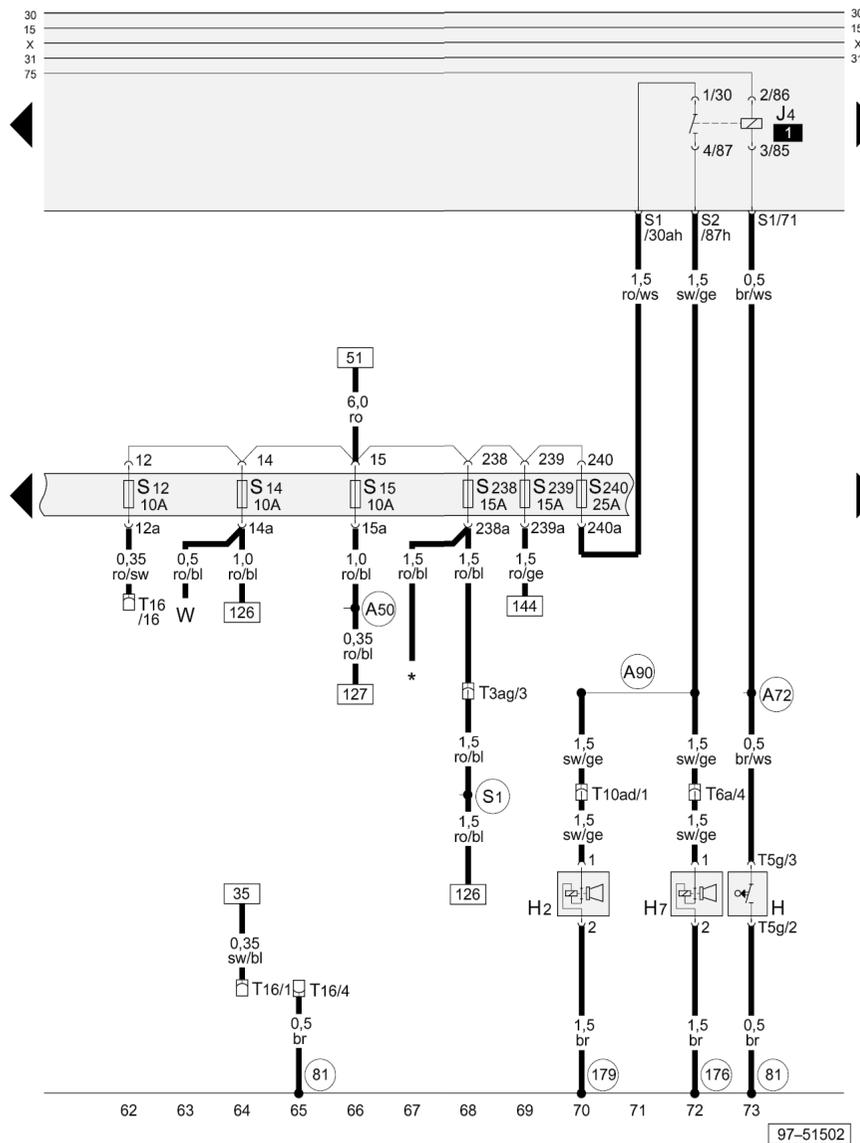
- jets**
- F34 - Brake fluid level warning contact
- S1 - Fuse in fuse box
- S2 - Fuse in fuse box
- S3 - Fuse in fuse box
- S4 - Fuse in fuse box
- S224 - Fuse in fuse box
- S225 - Fuse in fuse box
- S226 - Fuse in fuse box
- T2f - 2-pin connector, on bonnet
- T2g - 2-pin connector, on bonnet
- T10a - 10-pin connector, brown, left connector point, A pillar
- T10c - 10-pin connector, violet, left connector point, A pillar
- W6 - Glove box light
- X - Number plate light
- Z20 - Heater element, left washer jet
- Z21 - Heater element, right washer jet
- 81 - Earth connection -1-, in dash panel wiring harness
- 87 - Earth connection -2-, in rear wiring harness
- 261 - Earth connection, in heated washer jet wiring harness
- A3 - Positive (+) connection (58), in dash panel wiring harness
- A34 - Connection (75x), in dash panel wiring harness
- A37 - Connection (58a), in dash panel wiring harness
- W2 - Positive (+) connection (58), in rear wiring harness
- W13 - Connection (58L), in rear wiring harness
- * - Only models with heated washer jets

97-51501

Audi A4

Current Flow Diagram

No. 1 / 7



Fuse box, horn, diagnostic connector

- H - Horn plate
- H2 - High tone horn
- H7 - Low tone horn
- J4 - Dual tone horn relay
- S12 - Fuse in fuse box
- S14 - Fuse in fuse box
- S15 - Fuse in fuse box
- S238 - Fuse in fuse box
- S239 - Fuse in fuse box
- S240 - Fuse in fuse box
- T3ag - 3-pin connector, black, right connector point, A pillar
- T5g - 5-pin connector, behind steering column switch trim
- T6a - 6-pin connector, red, right connector point, A pillar
- T10ad - 10-pin connector, red, left connector point, A pillar
- T16 - 16-pin connector, (diagnosis connection) in centre console rear
- W - Interior light, front
- 81 - Earth connection -1-, in dash panel wiring harness
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A50 - Positive (+) connection (30as), in dash panel wiring harness
- A72 - Connection (71), in dash panel wiring harness
- A90 - Connection (dual tone horn), in dash panel wiring harness
- S1 - Positive (+) connection (30), in central locking wiring harness
- * - See current flow diagram for central locking

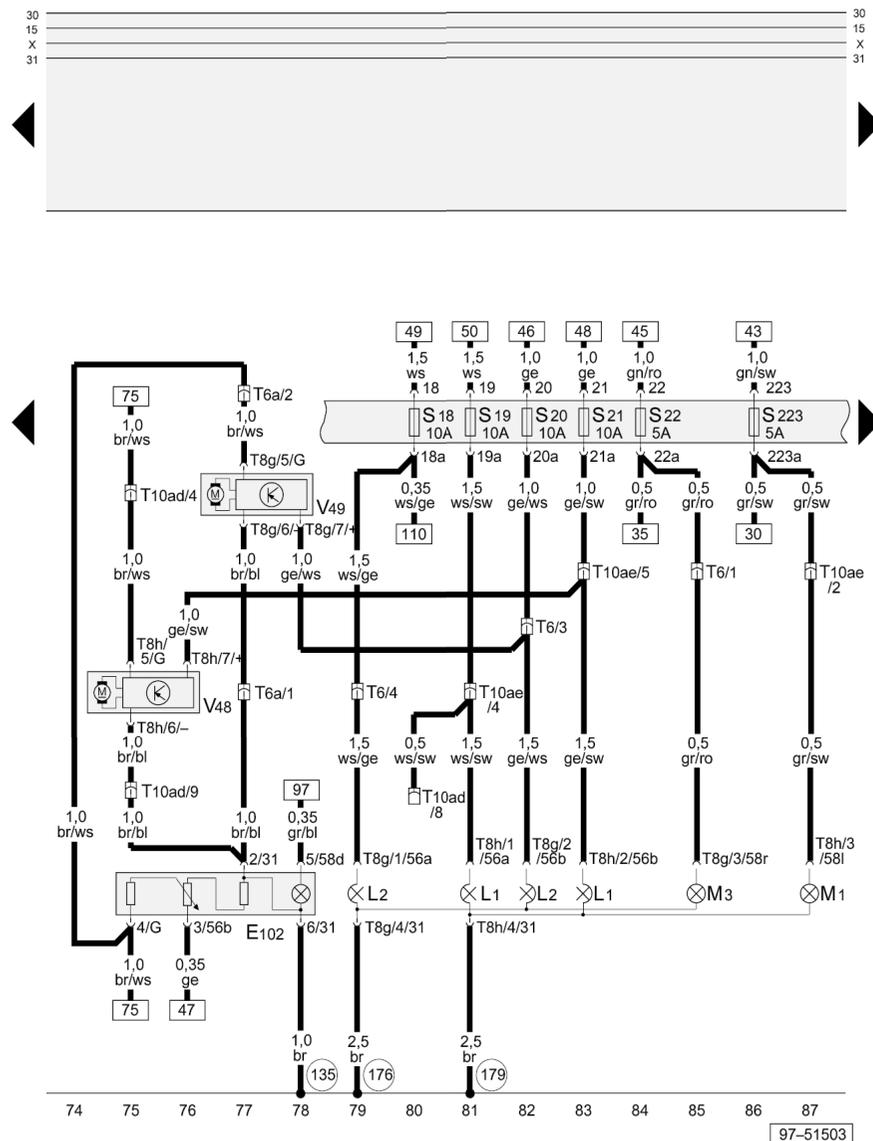
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

97-51502

Audi A4

Current Flow Diagram

No. 1 / 8



Fuse box, headlights, headlight range control

- E102 - Headlight range control adjuster
- L1 - Twin filament bulb for headlight, left
- L2 - Twin filament bulb for headlight, right
- M1 - Side light bulb, left
- M3 - Side light bulb, right
- S18 - Fuse in fuse box
- S19 - Fuse in fuse box
- S20 - Fuse in fuse box
- S21 - Fuse in fuse box
- S22 - Fuse in fuse box
- S223 - Fuse in fuse box
- T6 - 6-pin connector, yellow, right connector point, A pillar
- T6a - 6-pin connector, red, right connector point, A pillar
- T8g - 8-pin connector, headlight right
- T8h - 8-pin connector, headlight left
- T10ad - 10-pin connector, red, left connector point, A pillar
- T10ae - 10-pin connector, light pink, left connector point, A pillar
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right
- 135 - Earth connection -2-, in dash panel wiring harness
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness

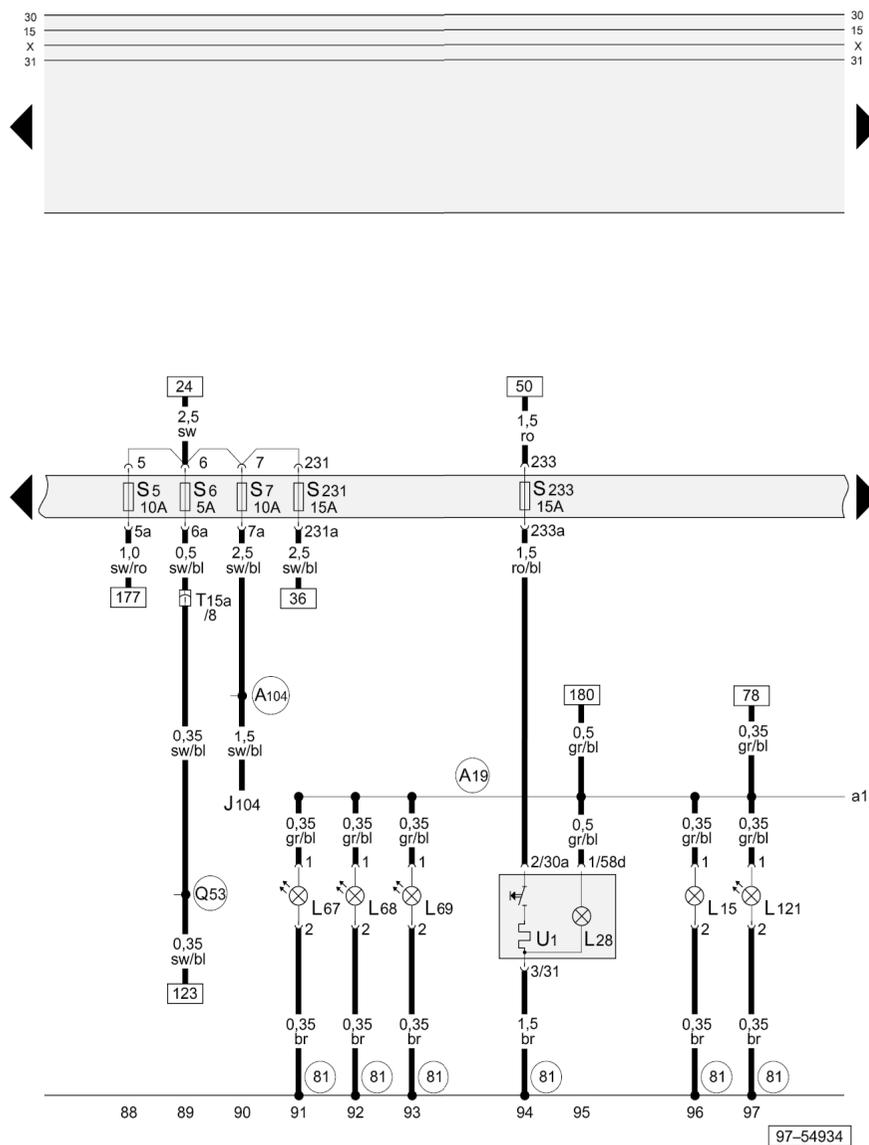
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

97-51503

Audi A4

Current Flow Diagram

No. 1 / 9

**Fuse box, cigarette lighter, illumination for dash panel vents, illuminated ashtray**

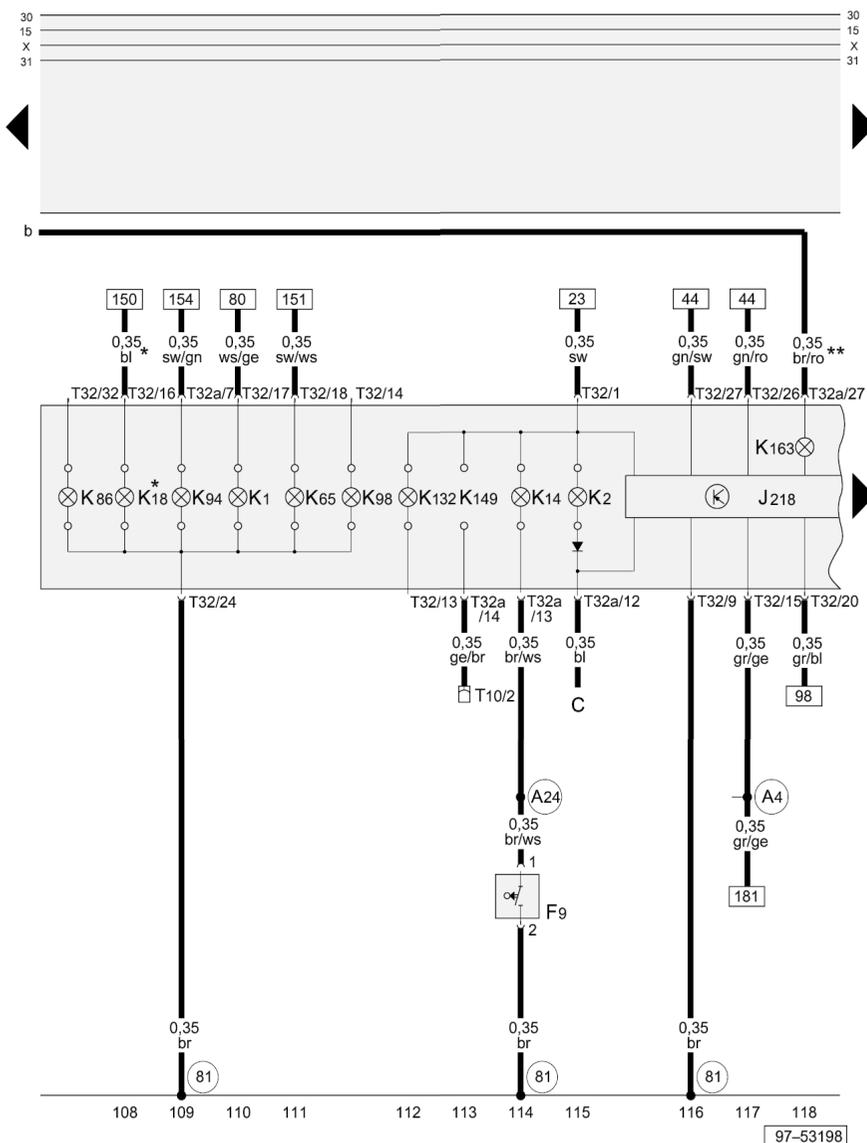
- J104 - ABS with EDL control unit
- L15 - Ashtray light bulb
- L28 - Cigarette lighter light bulb
- L67 - Dash panel left vent illumination
- L68 - Dash panel central vent illumination
- L69 - Dash panel right vent illumination
- L121 - Cup holder illumination
- S5 - Fuse in fuse box
- S6 - Fuse in fuse box
- S7 - Fuse in fuse box
- S231 - Fuse in fuse box
- S233 - Fuse in fuse box
- T15a - 15-pin connector, black, right connector point, A pillar
- U1 - Cigarette lighter
- 81 - Earth connection -1-, in dash panel wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- A104 - Positive (+) connection -2- (15), in dash panel wiring harness
- Q53 - Positive (+) connection (15), in anti-theft alarm system 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

Audi A4

Current Flow Diagram

No. 1 / 11



Dash panel insert, combi-processor in dash panel insert, handbrake warning switch, warning lamps

- C - Alternator
- F9 - Handbrake warning switch
- J218 - Combi-processor in dash panel insert
- K1 - Main beam warning lamp
- K2 - Alternator warning lamp
- K14 - Handbrake warning lamp
- K18 - Trailer operation warning lamp
- K65 - Left turn signal warning lamp
- K86 - Traction control system warning lamp
- K94 - Right turn signal warning lamp
- K98 - Convertible top latched warning lamp
- K132 - Electronic power control fault lamp
- K149 - Engine electronics warning lamp
- K163 - Belt switch warning lamp
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 81 - Earth connection -1-, in dash panel wiring harness
- A4 - Positive (+) connection (58b), in dash panel wiring harness
- A24 - Connection (brake system monitoring), in dash panel wiring harness
- * - Only models with trailer coupling
- ** - Only models with belt warning

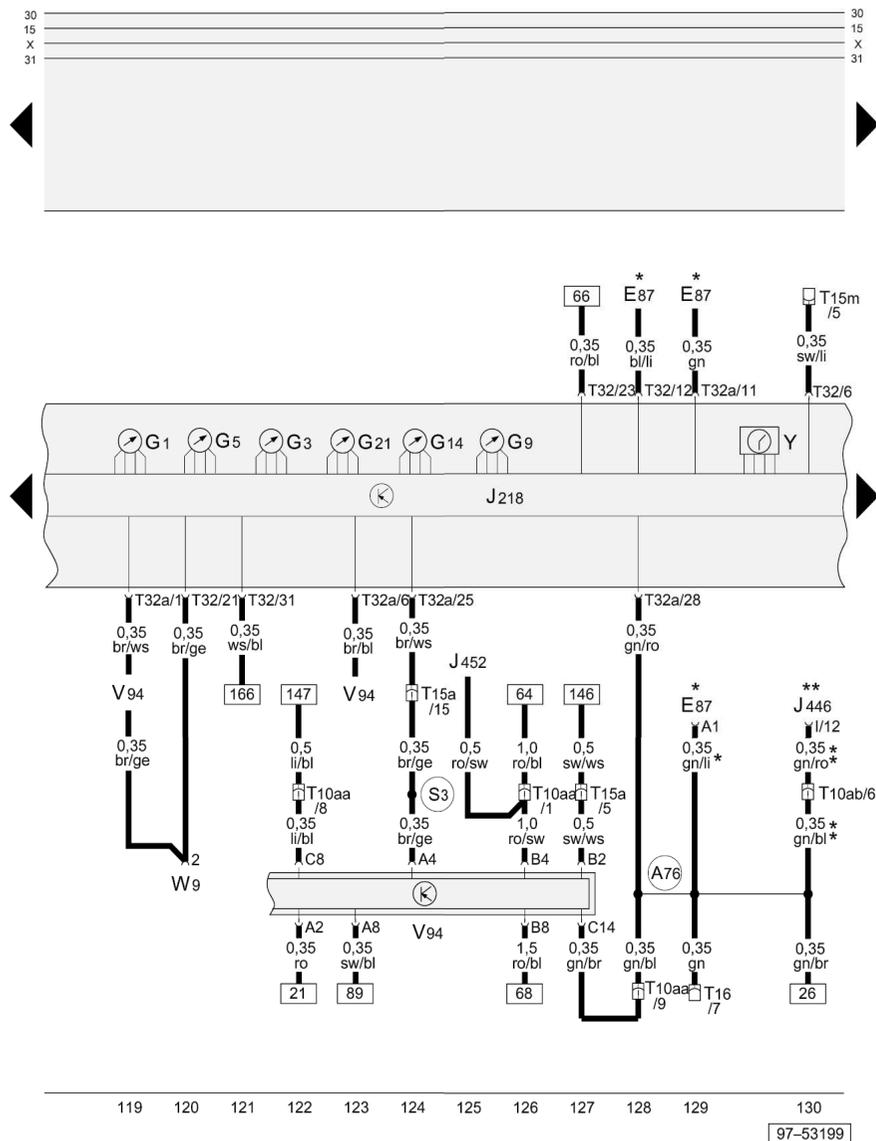
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

97-53198

Audi A4

Current Flow Diagram

No. 1 / 12



Dash panel insert, combi-processor in dash panel insert, diagnosis wire K, rev. counter, coolant monitoring, analogue clock, fuel gauge, speedometer

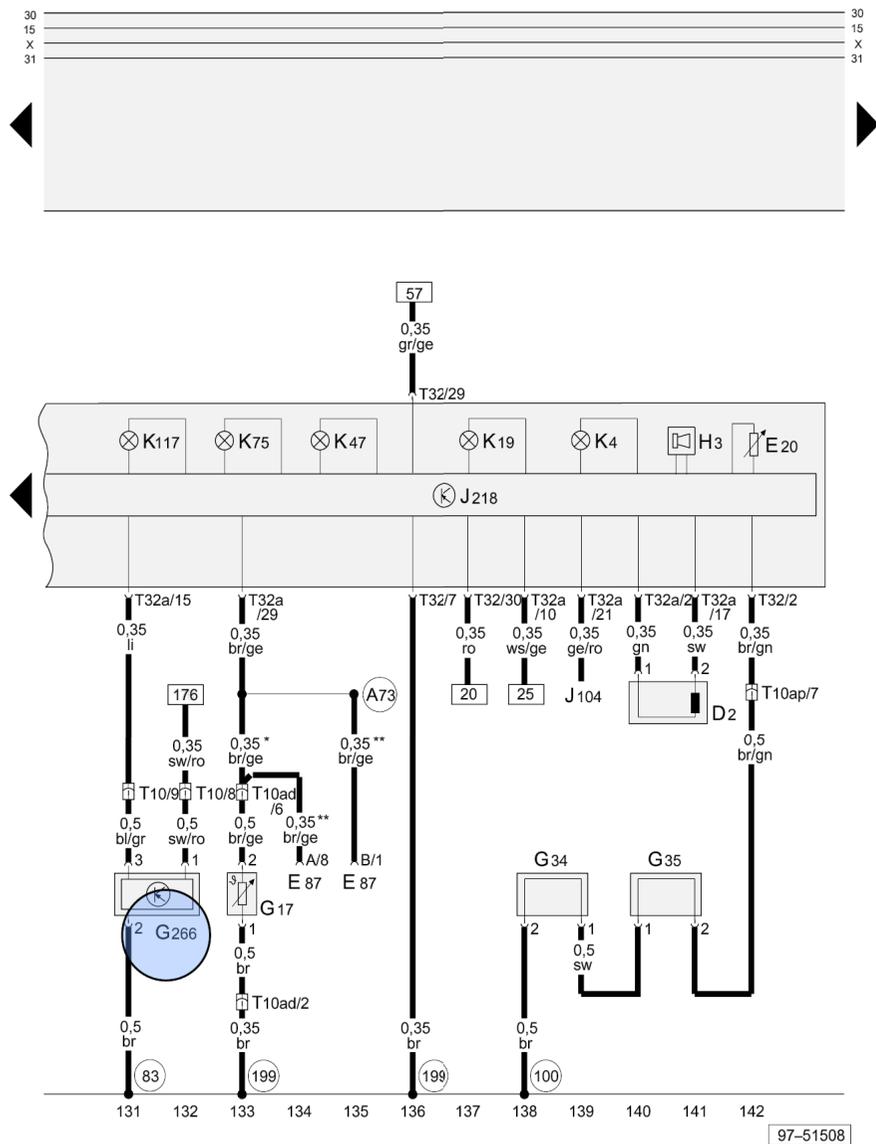
- E87 - Control and display unit for air conditioner
- G1 - Fuel gauge
- G3 - Coolant temperature gauge
- G5 - Rev. counter
- G9 - Oil temperature gauge
- G14 - Voltmeter
- G21 - Speedometer
- J218 - Combi-processor in dash panel insert
- J446 - Parking aid control unit
- J452 - Door warning lamps control unit
- T10aa - 10-pin connector, orange, right connector point, A pillar
- T10ab - 10-pin connector, white, right connector point, A pillar
- T15a - 15-pin connector, black, right connector point, A pillar
- T15m - 15-pin connector, red, connector point, electronics box, plenum chamber
- T16 - 16-pin connector, centre console, rear (diagnosis connection)
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- V94 - Central locking motor with control unit for interior lights switch-off delay and anti-theft alarm system
- W9 - Left footwell light
- Y - Analogue clock
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- S3 - Connection (switch/control unit) -1-, in central locking system wiring harness
- * - Only models with air conditioner
- ** - Only models with parking aid



Audi A4

Current Flow Diagram

No. 1 / 13



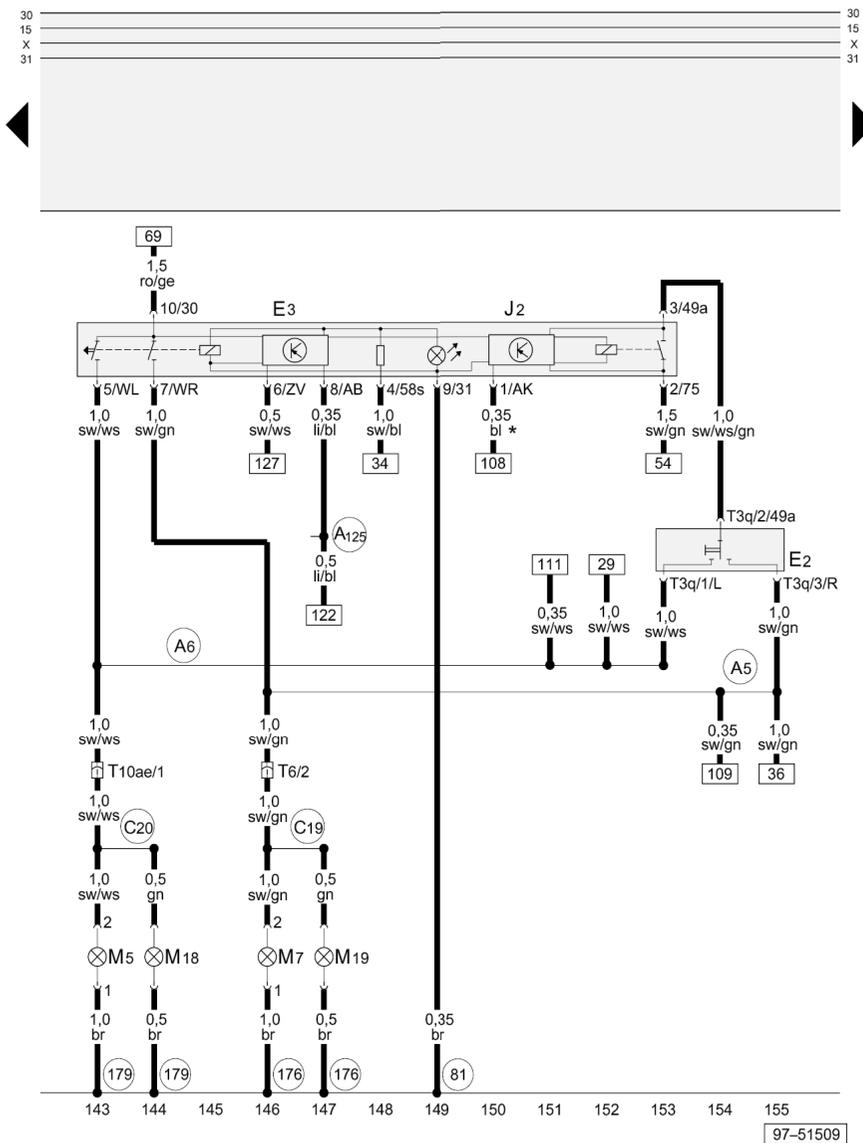
Dash panel insert, combi-processor in dash panel insert, ambient temperature sensor, brake lining/pad wear senders, switches and instruments-control, oil level sender

- D2 - Immobilizer reading coil
- E20 - Switches and instruments, lighting control
- E87 - Control and display unit for air conditioner/Climatronic
- G17 - Ambient temperature sensor
- G34 - Brake lining/pad wear sender, front left
- G35 - Brake lining/pad wear sender, front right
- G266** - Oil level thermo sender, service interval
- H3 - Buzzer/gong
- J104 - ABS with EDL control unit
- J218 - Combi-processor in dash panel insert
- K4 - Side light warning lamp
- K19 - Seat belt warning system warning lamp
- K47 - ABS warning lamp
- K75 - Airbag warning lamp
- K117 - Immobilizer warning lamp
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10ad - 10-pin connector, red, left connector point, A pillar
- T10ap - 10-pin connector, grey, right connector point, A pillar
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 83 - Earth connection -1-, in front right wiring harness
- 100 - Earth connection -1-, in ABS wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A73 - Connection (ambient temperature display), in dash panel wiring harness
- * - Only models without air conditioner
- ** - Only models with air conditioner

Audi A4

Current Flow Diagram

No. 1 / 14



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

Turn signals and hazard warning lights

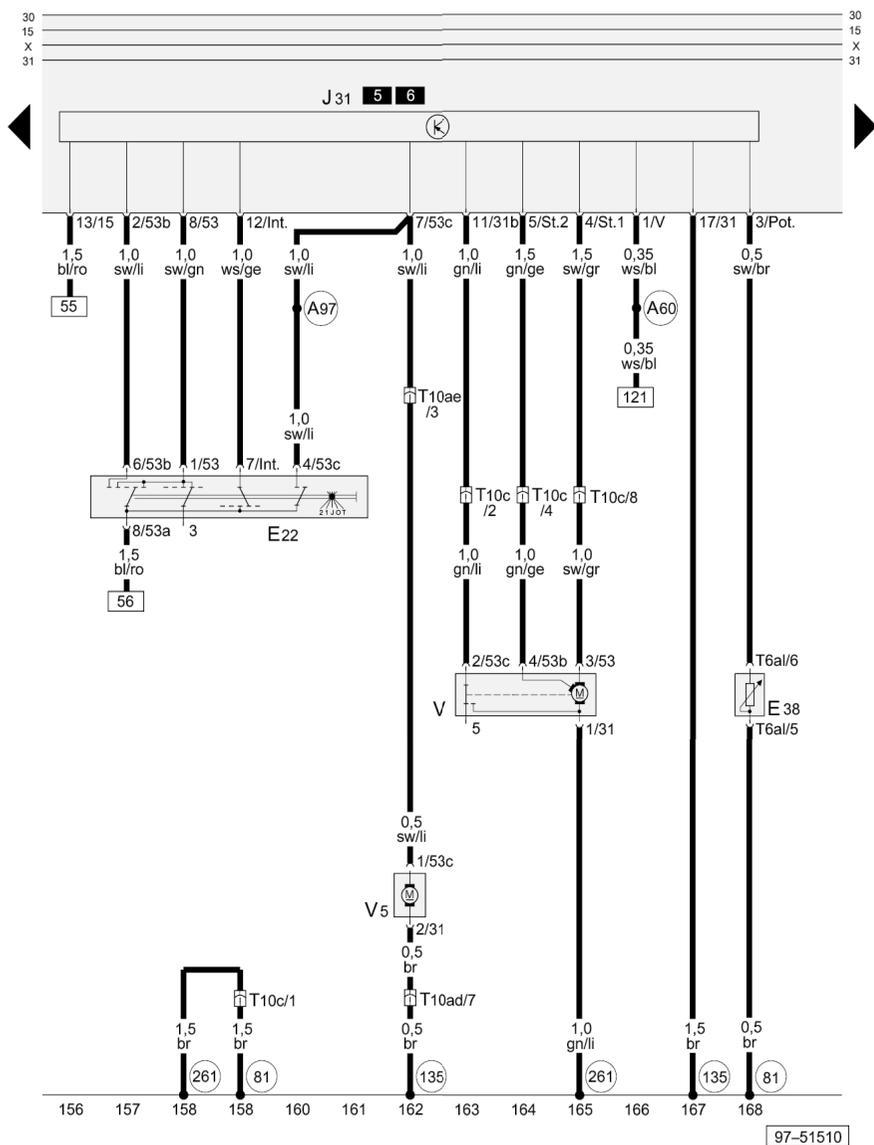
- E2 - Turn signal switch
- E3 - Hazard warning light switch
- J2 - Hazard warning light relay
- M5 - Turn signal bulb, front left
- M7 - Turn signal bulb, front right
- M18 - Side turn signal bulb, left
- M19 - Side turn signal bulb, right
- T3q - 3-pin connector, black, at steering column switch
- T6 - 6-pin connector, yellow, right connector point, A pillar
- T10ae - 10-pin connector, light pink, left connector point, A pillar
- 81 - Earth connection -1-, in dash panel wiring harness
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A5 - Positive (+) connection (turn signal, right), in dash panel wiring harness
- A6 - Positive (+) connection (turn signal, left), in dash panel wiring harness
- A125 - Connection (crash signal), in dash panel wiring harness
- C19 - Connection -1- (turn signal, right), in headlight wiring harness
- C20 - Connection (turn signal, left), in headlight wiring harness
- * - Only models with trailer coupling

97-51509

Audi A4

Current Flow Diagram

No. 1 / 15

**Windscreen washer/wiper system**

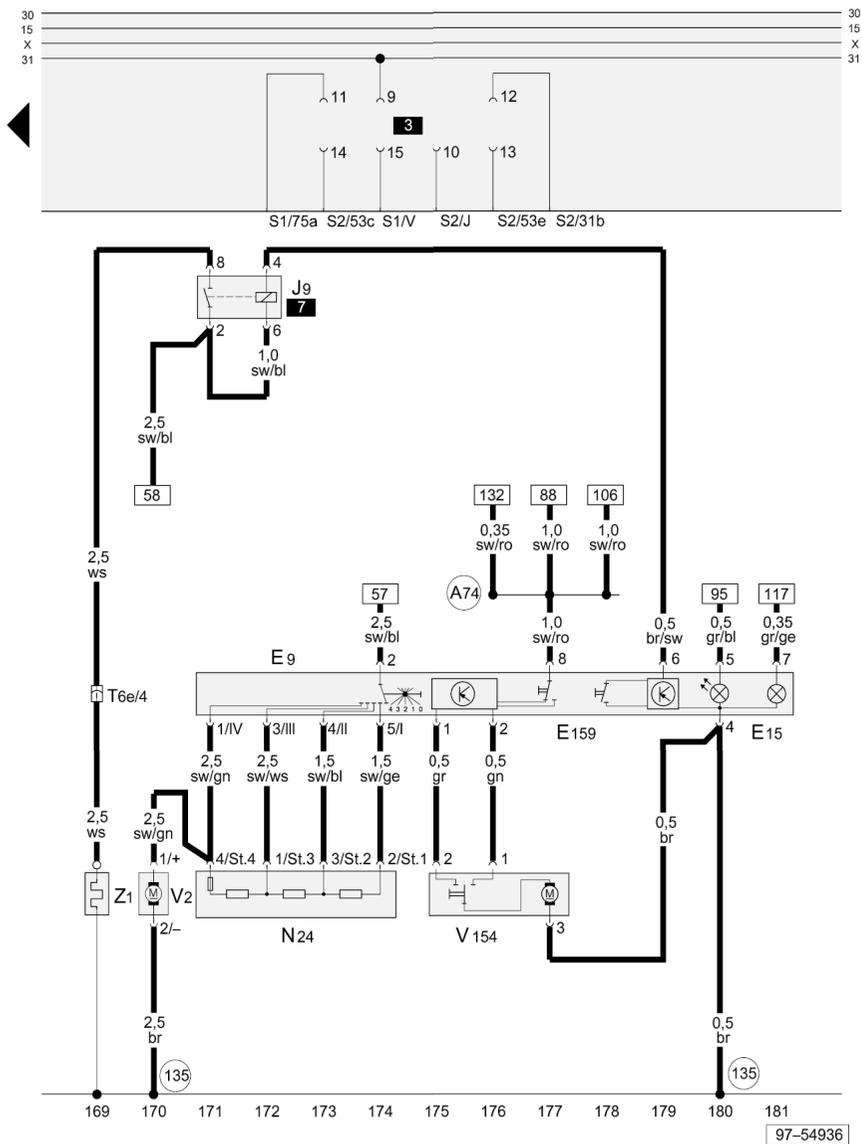
- E22 - Intermittent wiper switch
- E38 - Intermittent wiper control
- J31 - Automatic intermittent wash/wipe relay
- T6al - 6-pin connector, black, at steering column switch
- T10c - 10-pin connector, purple, left connector point, A pillar
- T10ad - 10-pin connector, red, left connector point, A pillar
- T10ae - 10-pin connector, light pink, left connector point, A pillar
- V - Windscreen wiper motor
- V5 - Windscreen washer pump
- 81 - Earth connection -1-, in dash panel wiring harness
- 135 - Earth connection -2-, in dash panel wiring harness
- 261 - Earth connection, in heated washer jet wiring harness
- A60 - Connection (vehicle speed signal), in dash panel wiring harness
- A97 - Connection (53), in dash panel 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

Audi A4

Current Flow Diagram

No. 1 / 16



Fresh air blower, heated rear window

- E9 - Fresh air blower switch
- E15 - Heated rear window switch
- E159 - Fresh air/air recirculating flap switch
- J9 - Heated rear window relay
- N24 - Fresh air blower with overheating fuse series resistor
- T6e - 6-pin connector, blue, left connector point, A pillar
- V2 - Fresh air blower
- V154 - Fresh air/air recirculating flap control motor
- Z1 - Heated rear window
- 135 - Earth connection -2-, in dash panel wiring harness
- A74 - Connection (15a, fuse 5), in dash panel 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