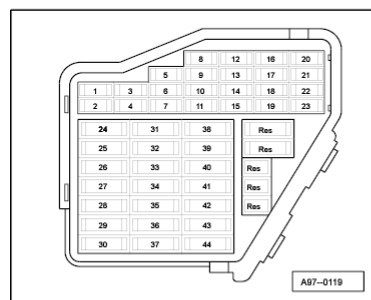


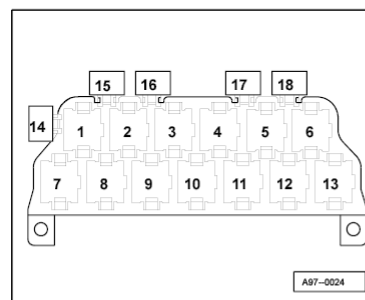
**Audi A6****Current Flow Diagram****No. 1****2,8 l fuel injection engine (142 kW - Motronic - 6-cylinder)****2.4 l fuel injection engine (121 kW - Motronic - 6-cylinder)****Engine code ACK, ALG/AGA, AJG, ALF, ALW**

Model year 1998

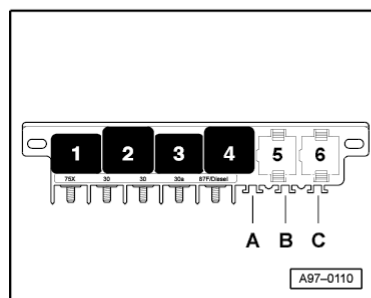
**Fuse box****Fuse colours:**

30 A - green  
 25 A - white  
 20 A - yellow  
 15 A - blue  
 10 A - red  
 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:**

**4** - Starter inhibitor relay (J207)

**Micro-central electrics****Position of relays:**

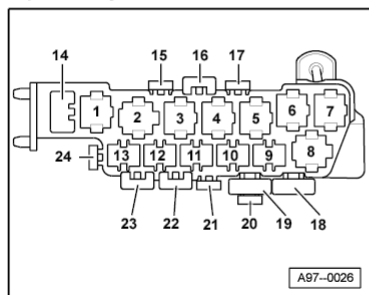
**1** - Dual tone horn relay (J4)  
**2** - X contact relief relay (J59)  
**4** - Fuel pump relay (J17)  
**5** - Automatic intermittent wash/wipe relay (J31)  
**6** - Automatic intermittent wash/wipe relay (J31)

## Audi A6

## Current Flow Diagram

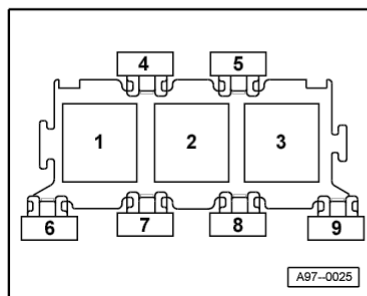
No. 1/1

8-point relay carrier



Position of relays:

- 3** - Radiator fan relay (J26)
- 14** - Fuse for 12 V socket (S184)
- 20** - Radiator fan fuse (S42)
- 21** - Radiator fan control unit fuse (S142)

3-point relay carrier in electronics box,  
plenum chamber

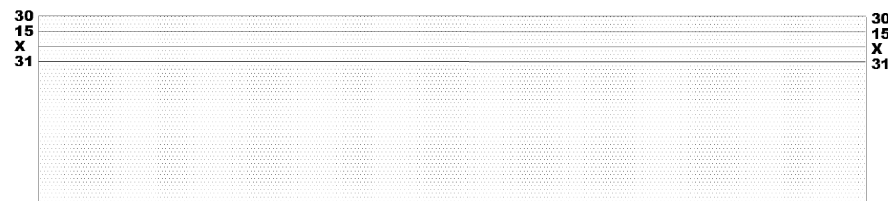
Position of relays:

- 2** - Secondary air pump relay (J299)
- 7** - Secondary air pump fuse (S130)

# Audi A6

## Current Flow Diagram

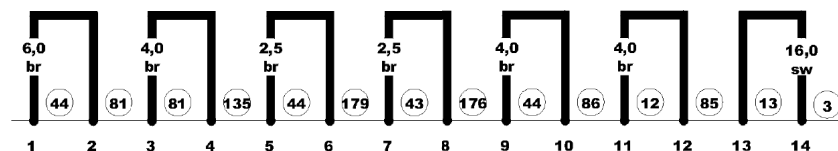
## No. 1 / 2



### Earth connections

- 3 - Earth strap, engine - body
- 12 - Earth point, in engine compartment, left
- 13 - Earth point, in engine compartment, right
- 43 - Earth point, lower part of right A-pillar
- 44 - Earth point, lower part of left A-pillar
- 81 - Earth connection -1-, in dash panel wiring harness
- 85 - Earth connection -1-, in engine compartment wiring harness
- 86 - Earth connection -1-, in rear wiring harness
- 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

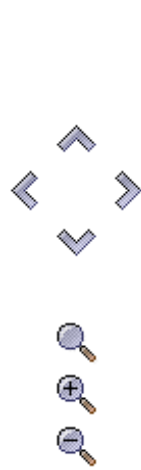
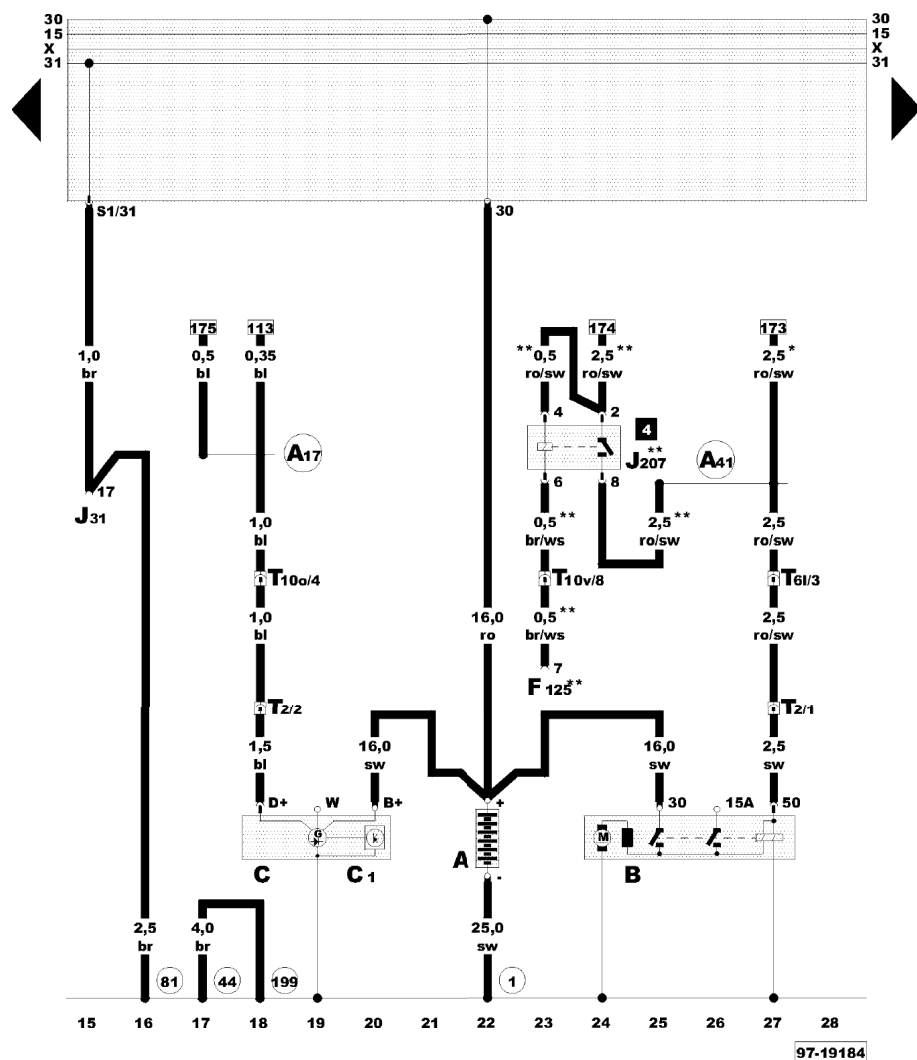


97-19183

# Audi A6

## Current Flow Diagram

### No. 1 / 3



#### Battery, starter, alternator, starter inhibitor relay

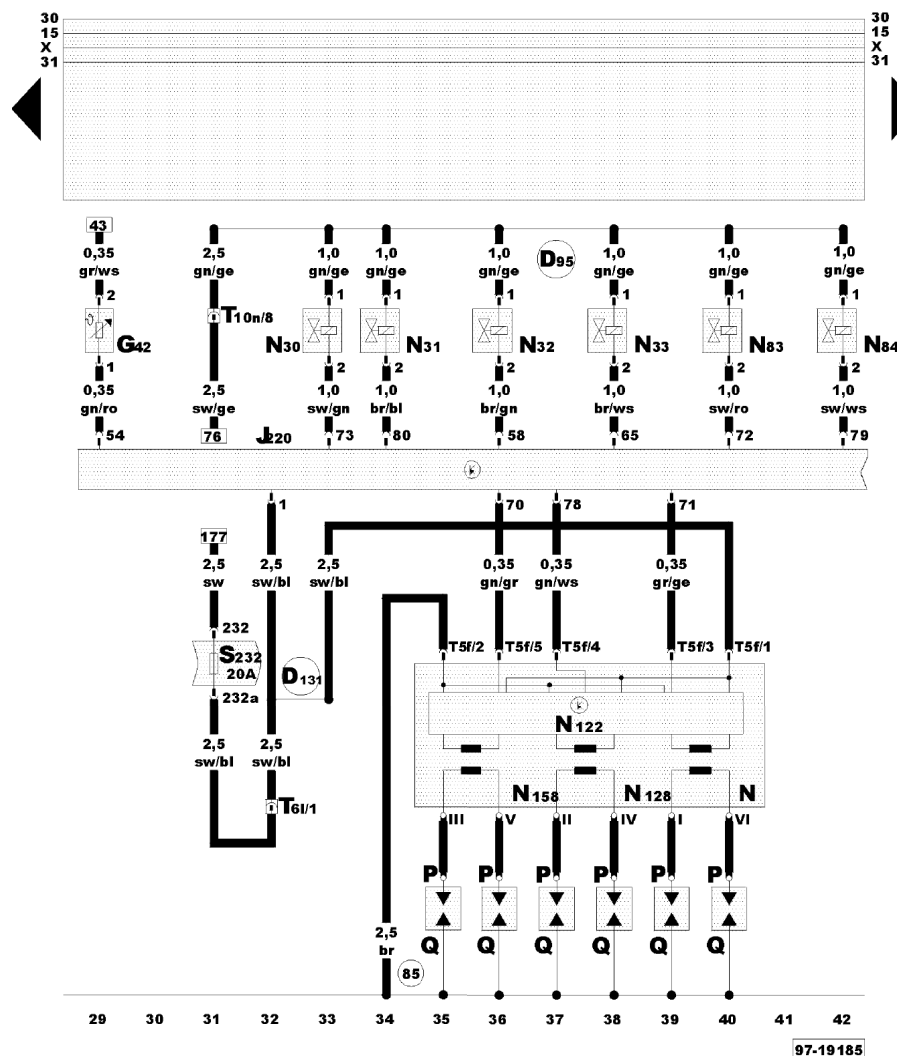
- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- F125 - Multi-function switch
- J31 - Automatic intermittent wash/wipe relay
- J207 - Starter inhibitor relay
- T2 - 2-pin connector, grey, in engine compartment, right
- T6l - 6-pin connector, red, connector point, electronics box, plenum chamber
- T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10v - 10-pin connector, brown, connector point, A pillar, right
- 1 - Earth strap, battery - body
- 44 - Earth point, lower part of left A-pillar
- 81 - Earth connection -1-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A17 - Connection (61), in dash panel wiring harness
- A41 - Positive (+) connection (50), in dash panel wiring harness
- \* - Models with manual gearbox
- \*\* - Models with automatic gearbox

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. 1 / 4



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

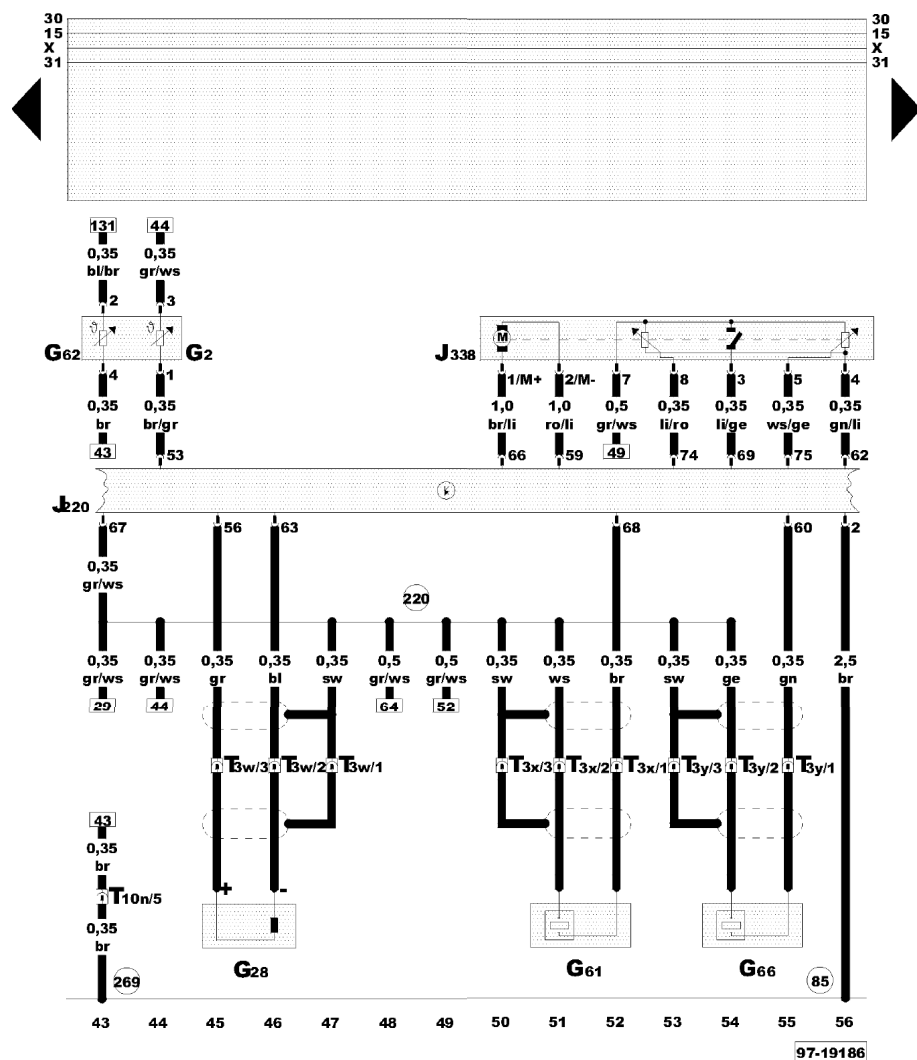
#### Motronic control unit, injectors, ignition coils 1 - 3, intake air temperature sender

- G42 - Intake air temperature sender
- J220 - Motronic control unit
- N - Ignition coil
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- N83 - Injector, cylinder 5
- N84 - Injector, cylinder 6
- N122 - Final output stage
- N128 - Ignition coil 2
- N158 - Ignition coil 3
- P - Spark plug connector
- Q - Spark plugs
- S232 - Fuse in fuse box
- T5f - 5-pin connector, at ignition coil unit
- T6l - 6-pin connector, red, connector point, electronics box, plenum chamber
- T10n - 10-pin connector, yellow, connector point, electronics box, plenum chamber
- 85 - Earth connection -1-, in engine compartment wiring harness
- D95 - Connection (injectors), in engine compartment wiring harness
- D131 - Connection (15) via fuse, in engine compartment wiring harness

# Audi A6

## Current Flow Diagram

### No. 1 / 5



**Motronic control unit, knock sensors, throttle valve control unit, engine speed sender, coolant temperature senders**

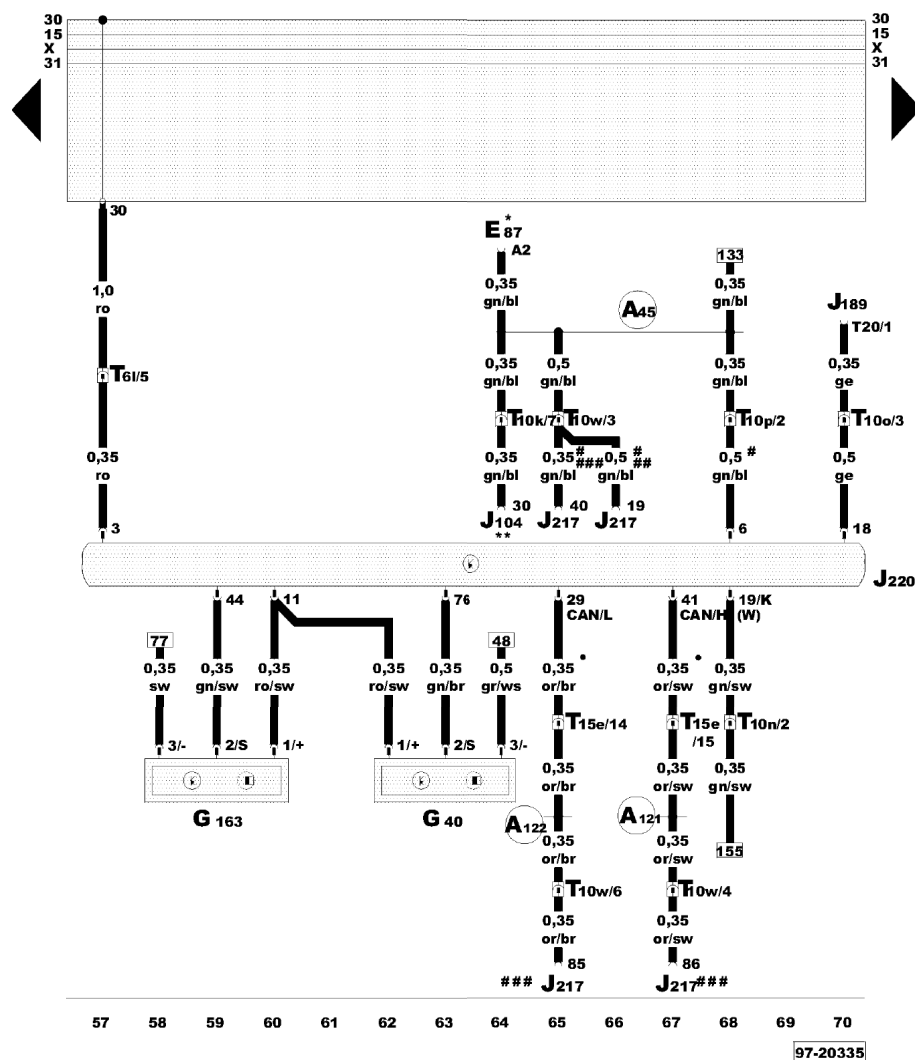
- G2 - Coolant temperature sender
- G28 - Engine speed sender
- G61 - Knock sensor I
- G62 - Coolant temperature sender
- G66 - Knock sensor 2
- J220 - Motronic control unit
- J338 - Throttle valve control unit
- T3w - 3-pin connector, grey, on engine speed sender
- T3x - 3-pin connector, blue, at knock sensor 1
- T3y - 3-pin connector, blue, at knock sensor 2
- T10n - 10-pin connector, yellow, connector point, electronics box, plenum chamber
- 85 - Earth connection -1-, in engine compartment wiring harness
- 220 - Earth connection (sender earth), in engine wiring harness
- 269 - Earth connection (sender earth) -1-, 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. 1 / 6



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

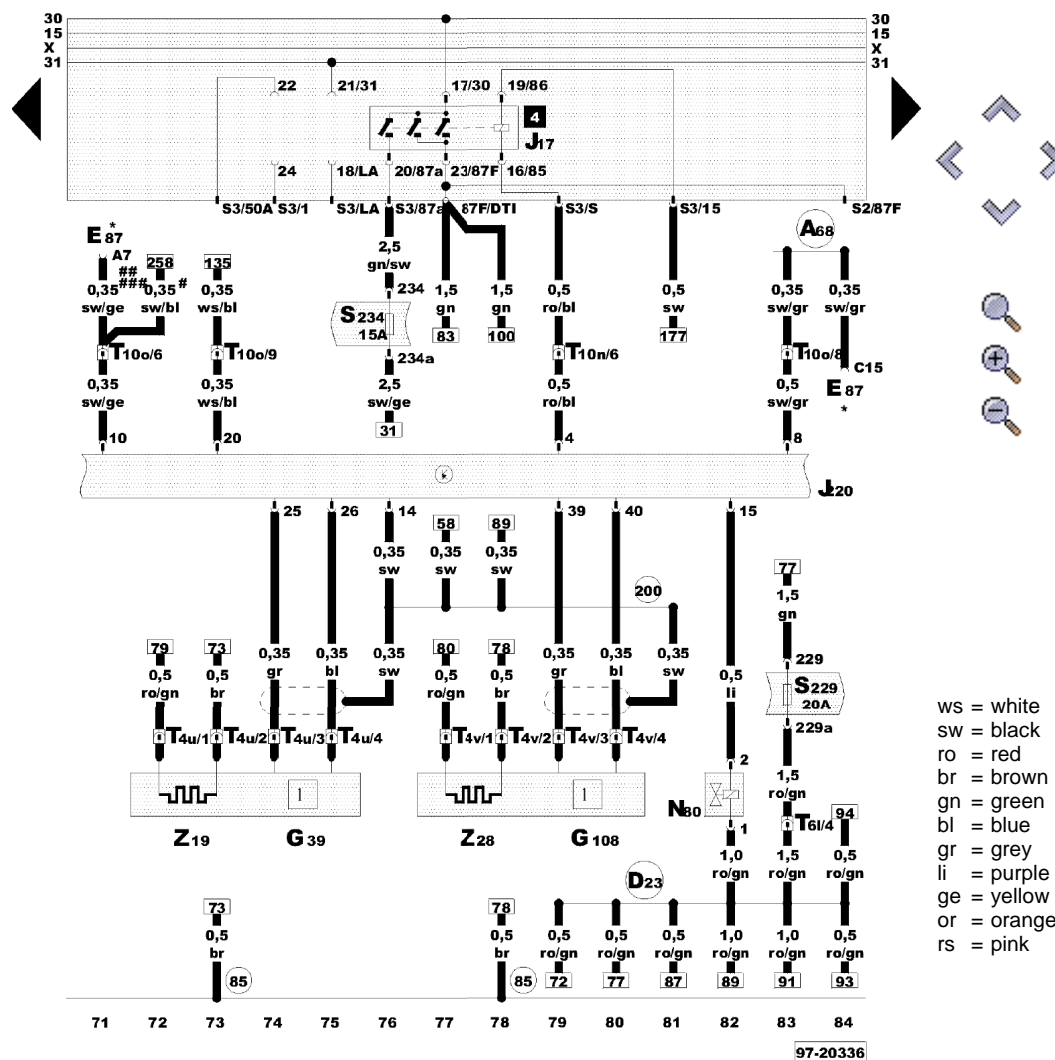
#### Motronic control unit, automatic gearbox control unit, Hall senders

- E87 - Control and display unit for air conditioner
- G40 - Hall sender
- G163 - Hall sender 2
- J104 - ABS with EDL control unit
- J189 - Auto-check system
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- T6l - 6-pin connector, red, connector point, electronics box, plenum chamber
- T10k - 10-pin connector, orange, connector point, A pillar, left
- T10n - 10-pin connector, yellow, connector point, electronics box, plenum chamber
- T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
- T10w - 10-pin connector, blue, connector point, A pillar, right
- T15e - 15-pin connector, white, connector point, electronics box, plenum chamber
- T20 - 20-pin connector, red/white, on dash panel insert
- A45 - Connection (engine speed signal), in dash panel wiring harness
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- - CAN bus
- \* - Models with air conditioner
- \*\* - Models with traction control system switch
- # - Not with models with CAN-bus
- ## - Models with automatic gearbox 01N
- ### - Models with automatic gearbox 01V

# Audi A6

## Current Flow Diagram

### No. 1 / 7



- Motronic control unit, fuel pump relay, lambda probes, activated charcoal filter system solenoid valve**
- E87 - Control and display unit for air conditioner
  - G39 - Lambda probe
  - G108 - Lambda probe 2
  - J17 - Fuel pump relay
  - J220 - Motronic control unit
  - N80 - Activated charcoal filter system solenoid valve 1 (pulsed)
  - S229 - Fuse in fuse box
  - S234 - Fuse in fuse box
  - T4u - 4-pin connector, black, for lambda probe I
  - T4v - 4-pin connector, black, for lambda probe II
  - T6l - 6-pin connector, red, connector point, electronics box, plenum chamber
  - T10n - 10-pin connector, yellow, connector point, electronics box, plenum chamber
  - T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
  - Z19 - Lambda probe heater
  - Z28 - Lambda probe 2 heater
  - 85 - Earth connection -1-, in engine compartment wiring harness
  - 200 - Earth connection (sender earth), in engine wiring harness
  - A68 - Connection (C15, air conditioner), in dash panel wiring harness
  - D23 - Connection (via fuse 229), in front right wiring harness
- \* - Models with air conditioner  
 # - Models with 2.8 l engine, front-wheel drive  
 ## - Models with 2.8 l engine, four-wheel drive and manual gearbox  
 ### - Models with 2.4 l engine

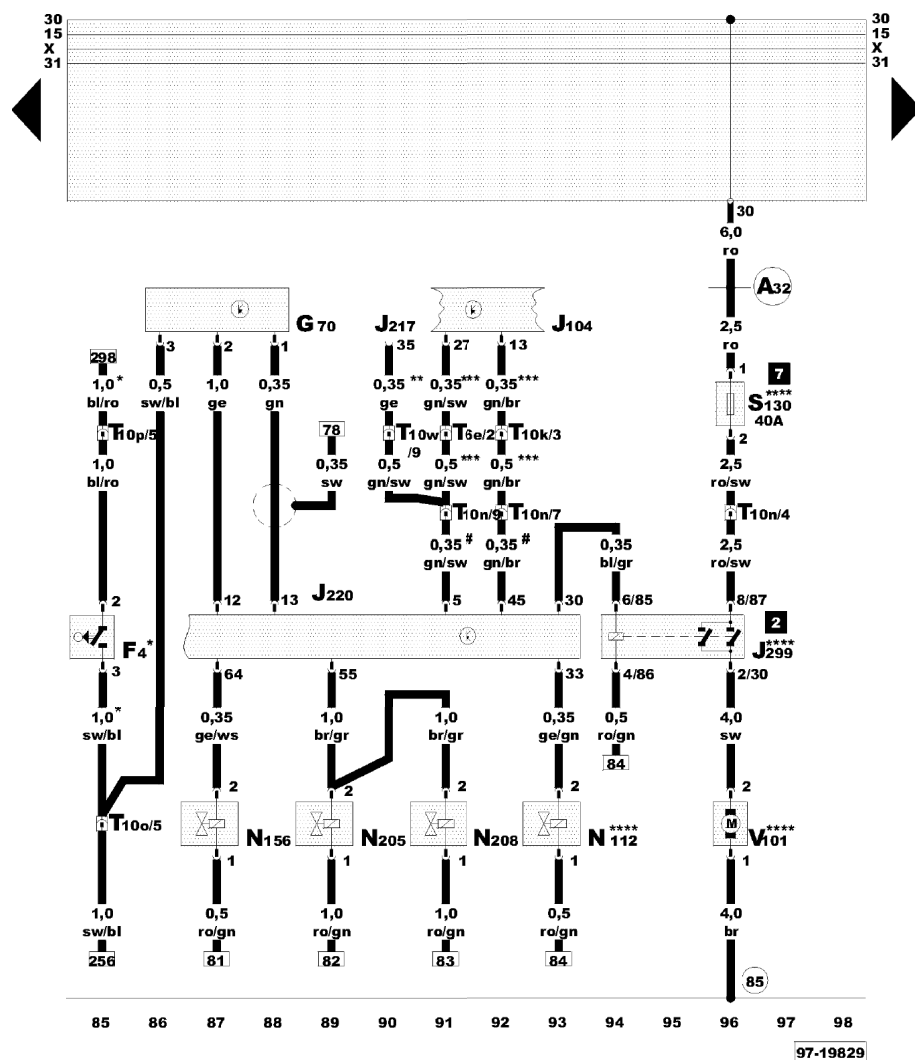
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink



# Audi A6

## Current Flow Diagram

### No. 1 / 8



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

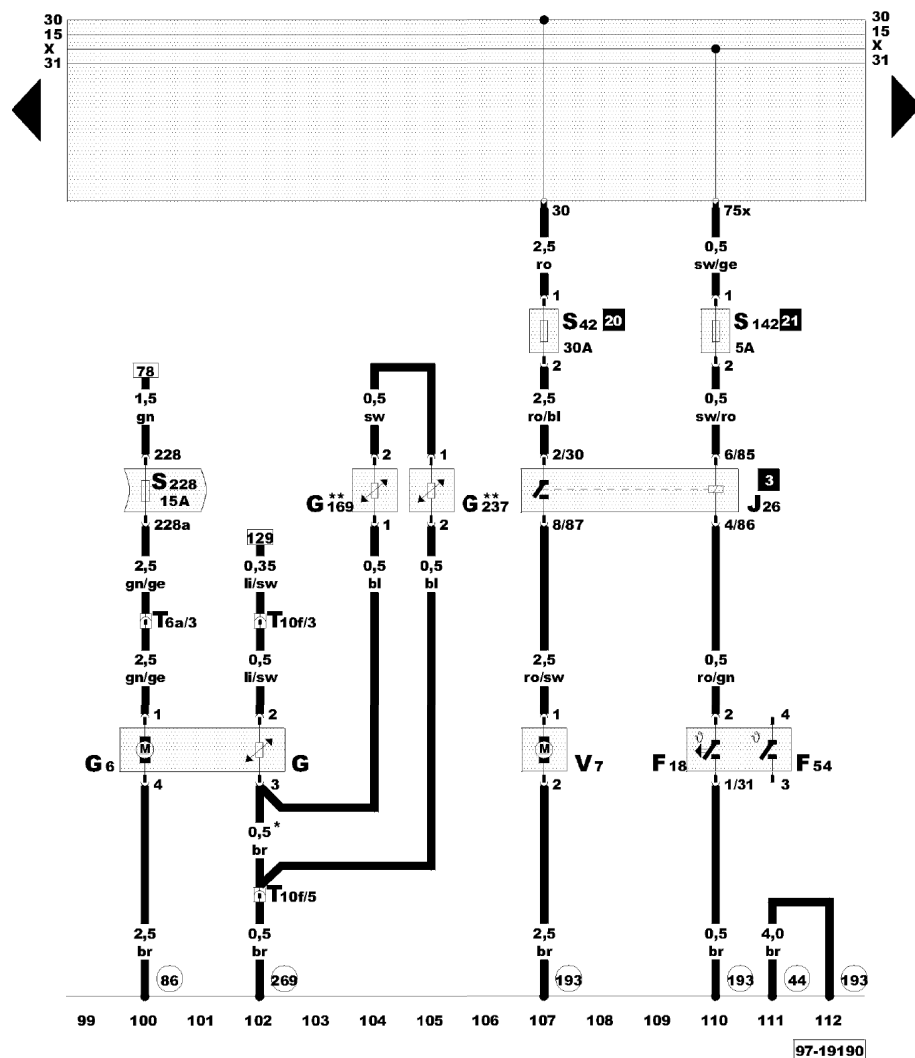
### Motronic control unit, air mass meter, inlet camshaft timing adjustment valves, intake manifold change-over valve, secondary air pump

- F4 - Reversing light switch
- G70 - Air mass meter
- J104 - ABS with EDL control unit
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J299 - Secondary air pump relay
- N112 - Secondary air inlet valve
- N156 - Intake manifold change-over valve
- N205 - Inlet camshaft timing adjustment valve -1-
- N208 - Inlet camshaft timing adjustment valve -2-
- S130 - Secondary air pump fuse
- T6e - 6-pin connector, grey, connector point right A-pillar
- T10k - 10-pin connector, orange, connector point, A pillar, left
- T10n - 10-pin connector, yellow, connector point, electronics box, plenum chamber
- T10o - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
- T10w - 10-pin connector, blue, connector point, A pillar, right
- V101 - Secondary air pump motor
- 85 - Earth connection -1-, in engine compartment wiring harness
- A32 - Positive (+) connection (30), in dash panel wiring harness
- \* - Models with manual gearbox
- \*\* - Models with automatic gearbox
- \*\*\* - Models with traction control system switch
- \*\*\*\* - Models with secondary air pump
- # - Not with models with CAN-bus

# Audi A6

## Current Flow Diagram

### No. 1 / 9



#### Fuel gauge sender, fuel pump, fuel pump relay, engine cooling

- F18 - Radiator fan thermo-switch
- F54 - Radiator fan thermo-switch
- G - Fuel gauge sender
- G6 - Fuel pump (pre-supply pump)
- G169 - Fuel gauge sender 2
- G237 - Fuel gauge sender 3
- J26 - Radiator fan relay
- S42 - Radiator fan single fuse
- S142 - Radiator fan control unit fuse
- S228 - Fuse in fuse box
- T6a - 6-pin connector, blue, connector point, A pillar, left
- T10f - 10-pin connector, brown, connector point, A pillar, left
- V7 - Radiator fan
- 44 - Earth point, lower part of left A-pillar
- 86 - Earth connection -1-, in rear wiring harness
- 193 - Earth connection -1-, in coolant fan wiring harness
- 269 - Earth connection (sender earth) -1-, in dash panel wiring harness
- \* - Models with front-wheel drive
- \*\* - Models with four-wheel drive

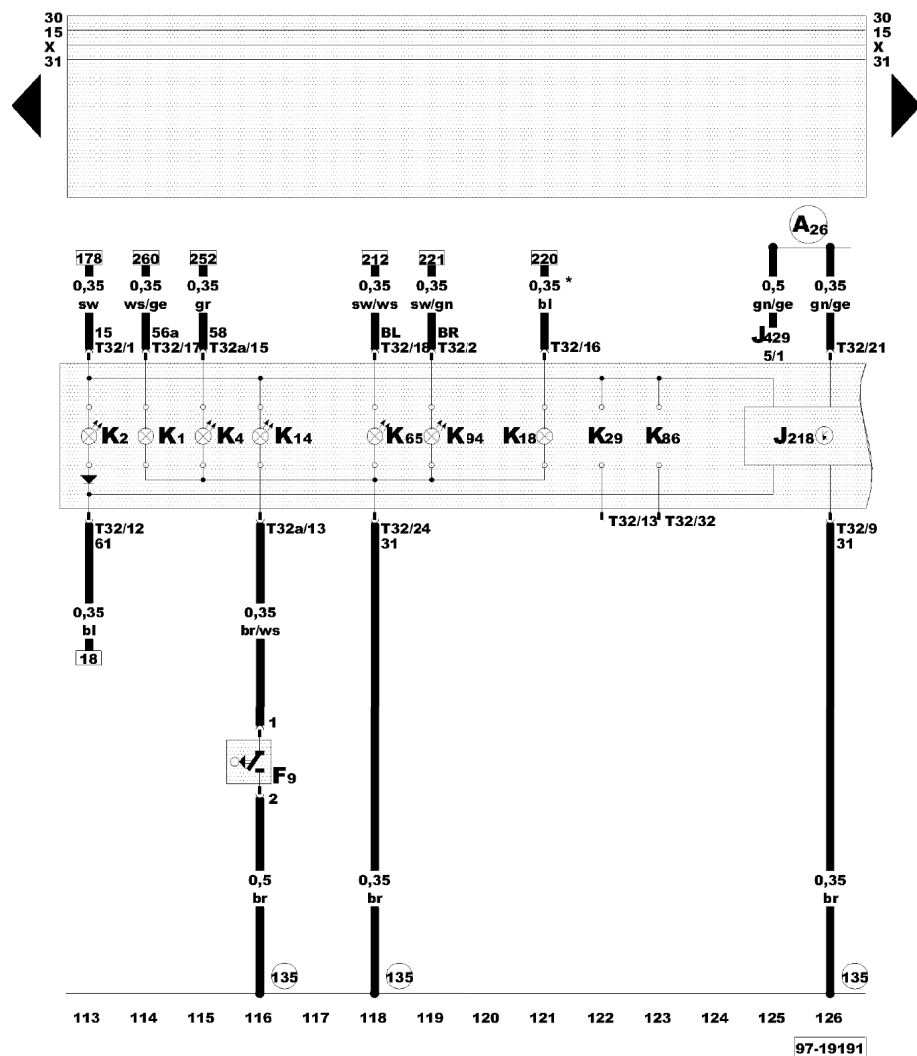


ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

# Audi A6

## Current Flow Diagram

No. 1 / 10



### Dash panel insert, warning lamps, combi-processor in dash panel insert

- F9 - Handbrake warning switch
- J218 - Combi-processor in dash panel insert
- J429 - Central locking control unit
- K1 - Main beam warning lamp
- K2 - Alternator warning lamp
- K4 - Side light warning lamp
- K14 - Handbrake warning lamp
- K18 - Trailer operation warning lamp
- K29 - Glow period warning lamp
- K65 - Left turn signal warning lamp
- K86 - Traction control system warning lamp
- K94 - Right turn signal warning lamp
- T32 - 32-pin connector, blue, on dash panel insert
- T32a - 32-pin connector, green, on dash panel insert
- 135 - Earth connection -2-, in dash panel wiring harness
- A26 - Connection (door contact switch/driver's side), in dash panel wiring harness
- \* - Models with trailer coupling

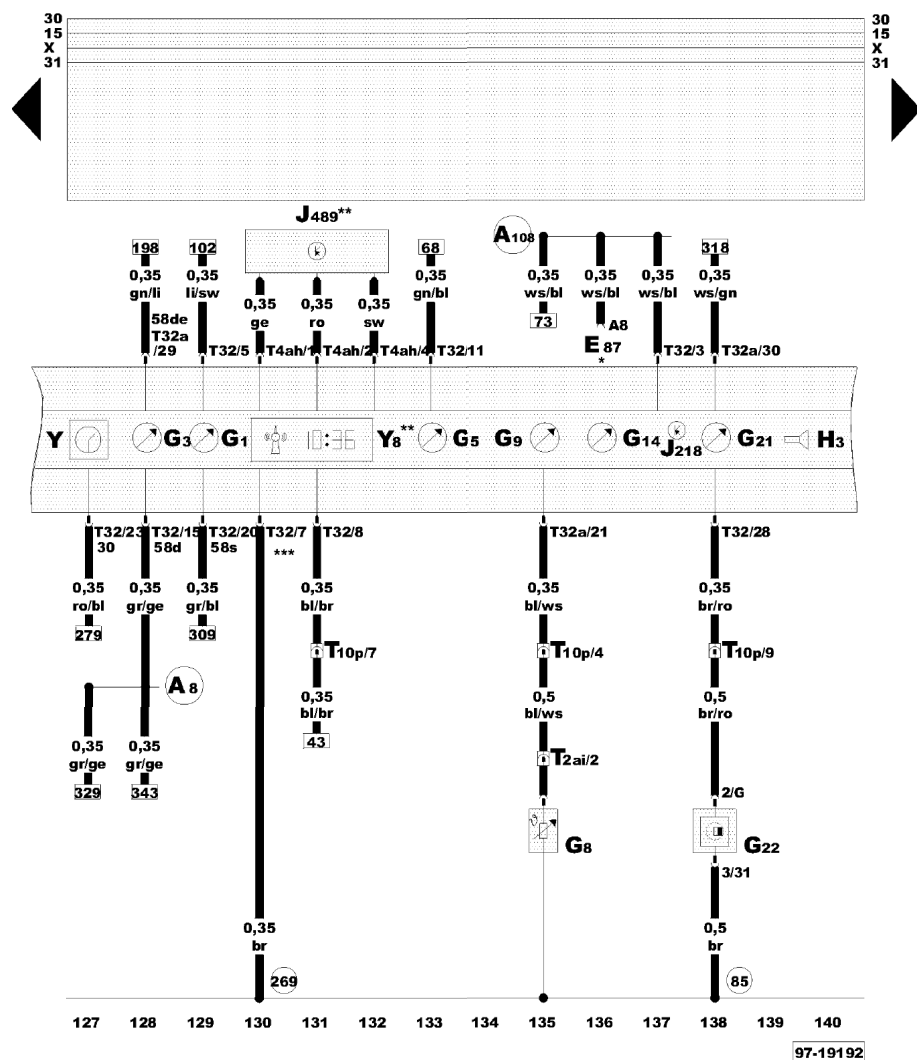
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

97-19191

# Audi A6

## Current Flow Diagram

### No. 1 / 11



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

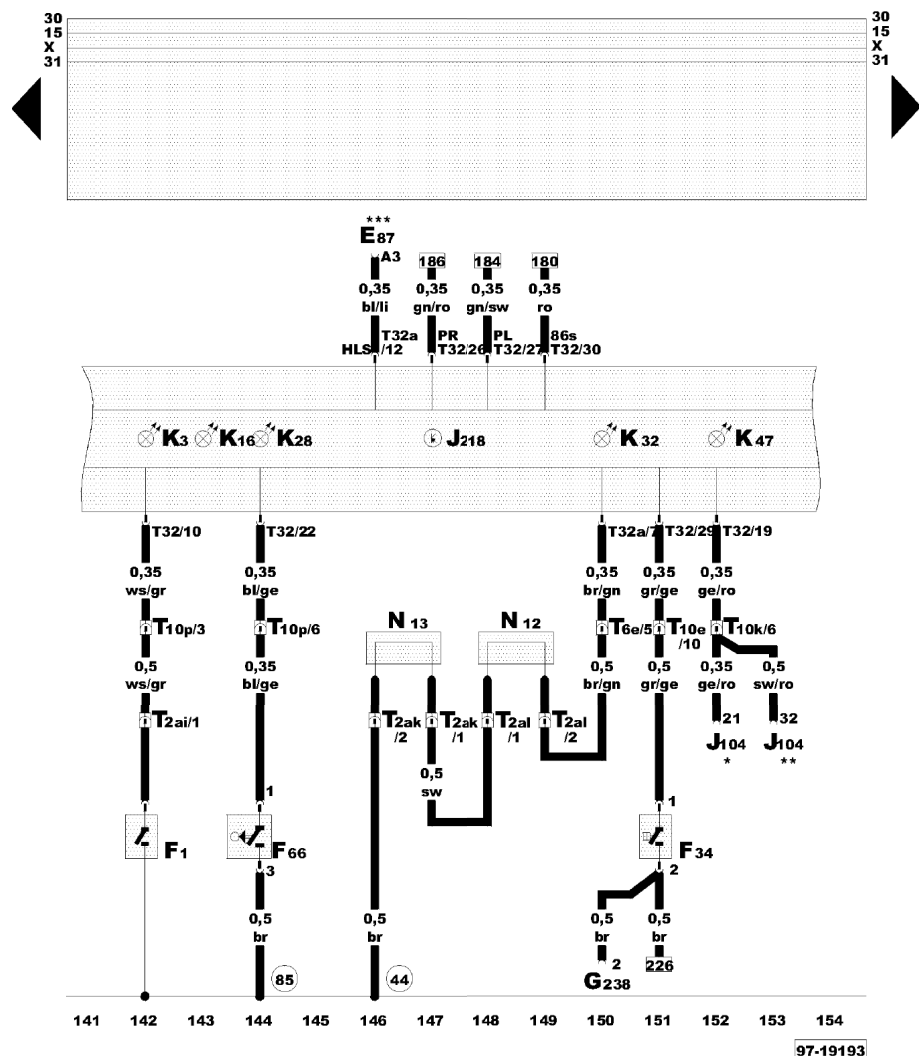
Dash panel insert, combi-processor in dash panel insert, analogue clock, rev. counter, speedometer, fuel gauge, coolant temperature gauge

- E87 - Control and display unit for air conditioner
  - G1 - Fuel gauge
  - G3 - Coolant temperature gauge
  - G5 - Rev. counter
  - G8 - Oil temperature sender
  - G9 - Oil temperature gauge
  - G14 - Voltmeter
  - G21 - Speedometer
  - G22 - Speedometer sender (Hall sender, on gearbox)
  - H3 - Buzzer/gong
  - J218 - Combi-processor in dash panel insert
  - J489 - Radio wave clock receiver
  - T2ai - 2-pin connector, black, oil senders
  - T4ah - 4-pin connector, black, on dash panel insert
  - T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
  - T32 - 32-pin connector, blue, on dash panel insert
  - T32a - 32-pin connector, green, on dash panel insert
  - Y - Analogue clock
  - Y8 - Radio wave controlled clock
  - 85 - Earth connection -1-, in engine compartment wiring harness
  - 269 - Earth connection (sender earth) -1-, in dash panel wiring harness
  - A8 - Positive (+) connection (58d), in dash panel wiring harness (display illumination)
  - A108 - Connection (speed signal), in dash panel wiring harness
- \* - Models with air conditioner  
 \*\* - Models with radio wave controlled clock  
 \*\*\* - Sender earth output

# Audi A6

## Current Flow Diagram

### No. 1 / 12



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

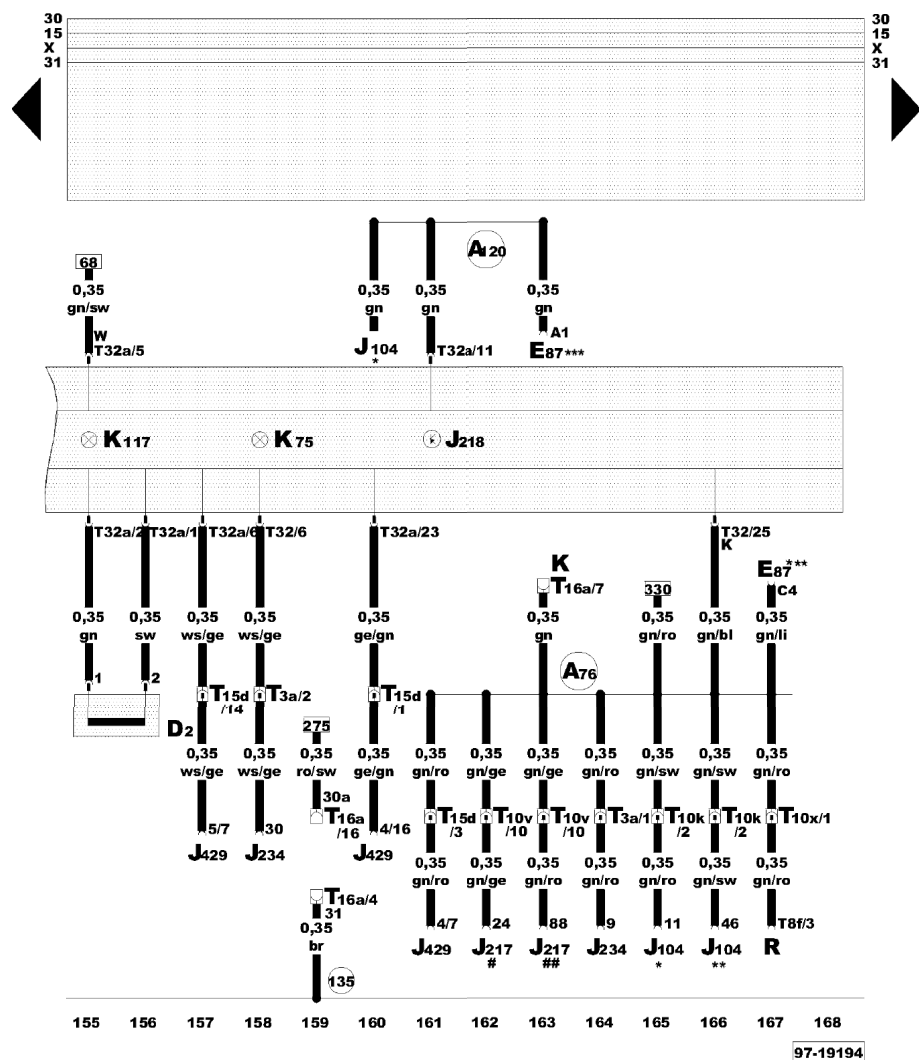
### Dash panel insert, combi-processor in dash panel insert, warning lamps, brake pad wear warning

- E87 - Control and display unit for air conditioner
  - F1 - Oil pressure switch
  - F34 - Brake fluid level warning contact
  - F66 - Coolant shortage indicator switch
  - G238 - Air quality sensor
  - J104 - ABS with EDL control unit
  - J218 - Combi-processor in dash panel insert
  - K3 - Oil pressure warning lamp
  - K16 - Reserve fuel warning lamp
  - K28 - Coolant temperature/coolant shortage warning lamp
  - K32 - Brake pad/lining warning lamp
  - K47 - ABS warning lamp
  - N12 - Brake pad/lining wear indicator, right (shear element)
  - N13 - Brake pad/lining wear indicator, left (shear element)
  - T2ai - 2-pin connector, black, oil senders
  - T2ak - 2-pin connector, red, on bulkhead, left
  - T2al - 2-pin connector, red, on bulkhead, right
  - T6e - 6-pin connector, grey, connector point right A-pillar
  - T10e - 10-pin connector, purple, connector point, A pillar, left
  - T10k - 10-pin connector, orange, connector point, A pillar, left
  - T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
  - T32 - 32-pin connector, blue, on dash panel insert
  - T32a - 32-pin connector, green, on dash panel insert
  - 44 - Earth point, lower part of left A-pillar
  - 85 - Earth connection -1-, in engine compartment wiring harness
- \* - Models with ABS  
 \*\* - Models with ABS and ESP  
 \*\*\* - Models with air conditioner

# Audi A6

## Current Flow Diagram

### No. 1 / 13



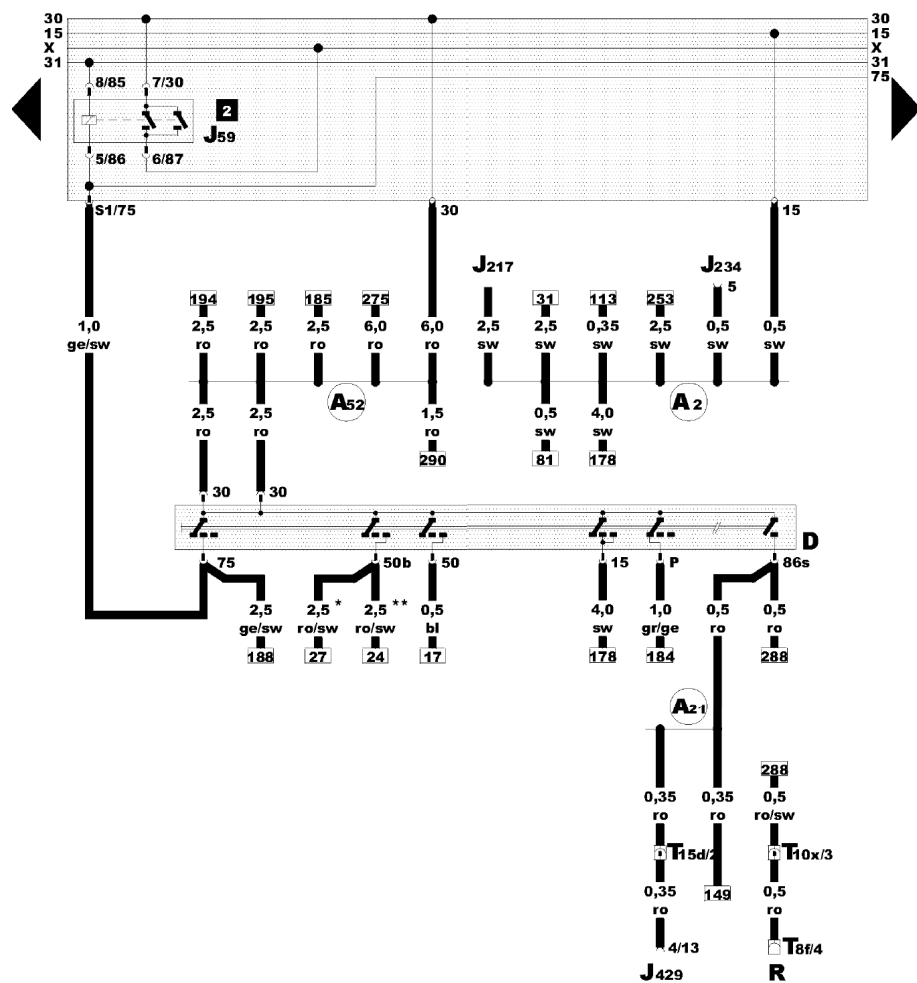
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

- Dash panel insert, combi-processor in dash panel insert, immobilizer reading coil, diagnostic connector**
- D2 - Immobilizer reading coil
  - E87 - Control and display unit for air conditioner
  - J104 - ABS with EDL control unit
  - J217 - Automatic gearbox control unit
  - J218 - Combi-processor in dash panel insert
  - J234 - Airbag control unit
  - J429 - Central locking control unit
  - K - Diagnosis connection
  - K75 - Airbag warning lamp
  - K117 - Immobilizer warning lamp
  - R - Radio
  - T3a - 3-pin connector, black, connector point, right A pillar
  - T8f - 8-pin connector, black, radio connector III
  - T10k - 10-pin connector, orange, connector point, A pillar, left
  - T10v - 10-pin connector, brown, connector point, A pillar, right
  - T10x - 10-pin connector, pink, connector point, A pillar, right
  - T15d - 15-pin connector, black, connector point, right A pillar
  - T16a - 16-pin connector, diagnosis connection
  - T32 - 32-pin connector, blue, on dash panel insert
  - T32a - 32-pin connector, green, on dash panel insert
  - 135 - Earth connection -2-, in dash panel wiring harness
  - A76 - Connection (diagnosis wire K), in dash panel wiring harness
  - A120 - Connection (stationary time), in dash panel wiring harness
- \* - Models with ABS  
 \*\* - Models with ABS and FDR  
 \*\*\* - Models with air conditioner  
 # - Models with automatic gearbox 01N  
 ## - Models with automatic gearbox 01V

# Audi A6

## Current Flow Diagram

No. 1 / 14



### Ignition/starter switch, X contact relief relay

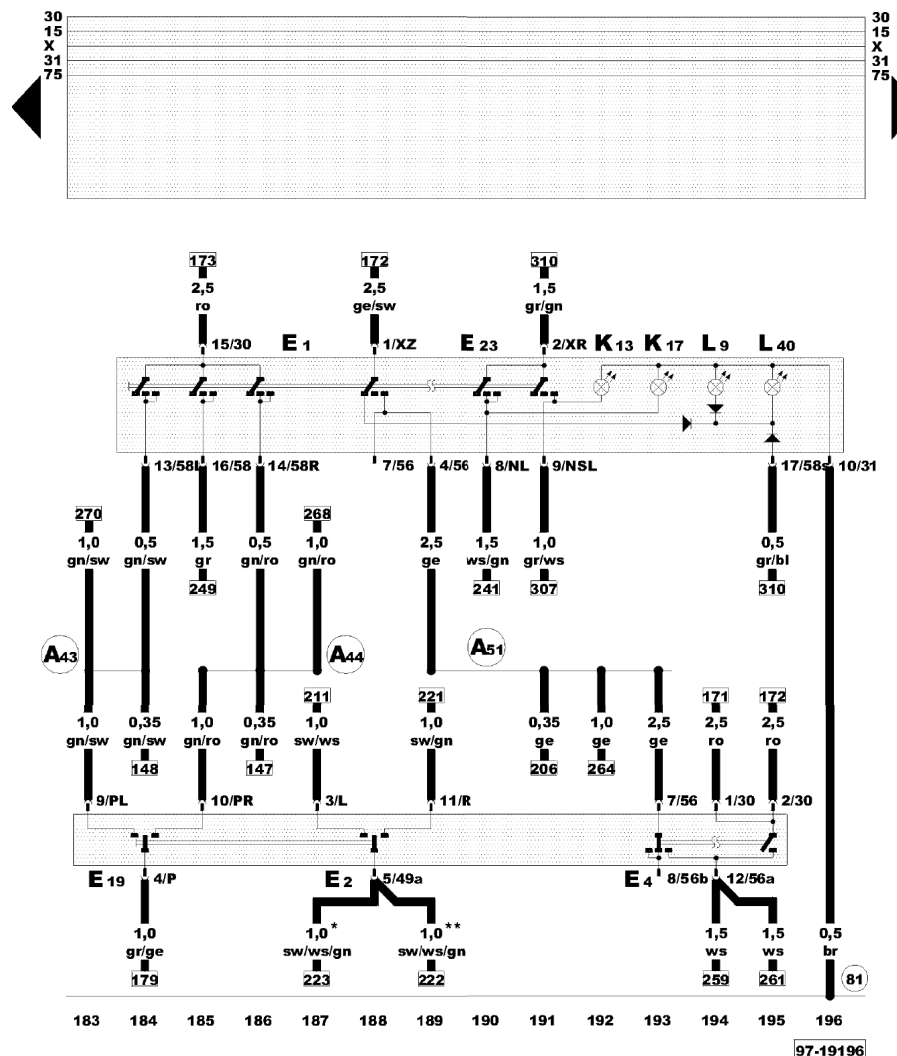
- D - Ignition/starter switch
- J59 - X contact relief relay
- J217 - Automatic gearbox control unit
- J234 - Airbag control unit
- J429 - Central locking control unit
- R - Radio
- T8f - 8-pin connector, black, radio connector III
- T10x - 10-pin connector, pink, connector point, A pillar, right
- T15d - 15-pin connector, black, connector point, right A pillar
- A2 - Positive (+) connection (15), in dash panel wiring harness
- 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  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

# Audi A6

## Current Flow Diagram

No. 1 / 15



### Lighting switch, left steering column switch, front and rear fog light switch

- E1 - Lighting switch
- E2 - Turn signal 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
- L40 - Front and rear fog light switch illumination bulb
- 81 - Earth connection -1-, 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

- \* - Up to chassis number 5000
- \*\* - From chassis number 5001

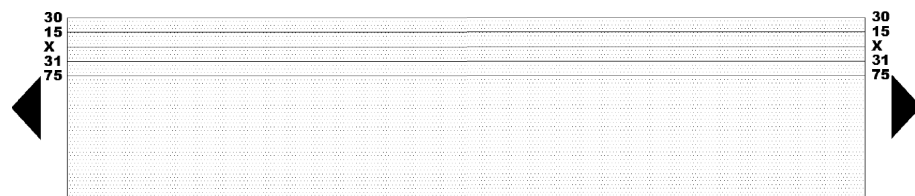
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink



# Audi A6

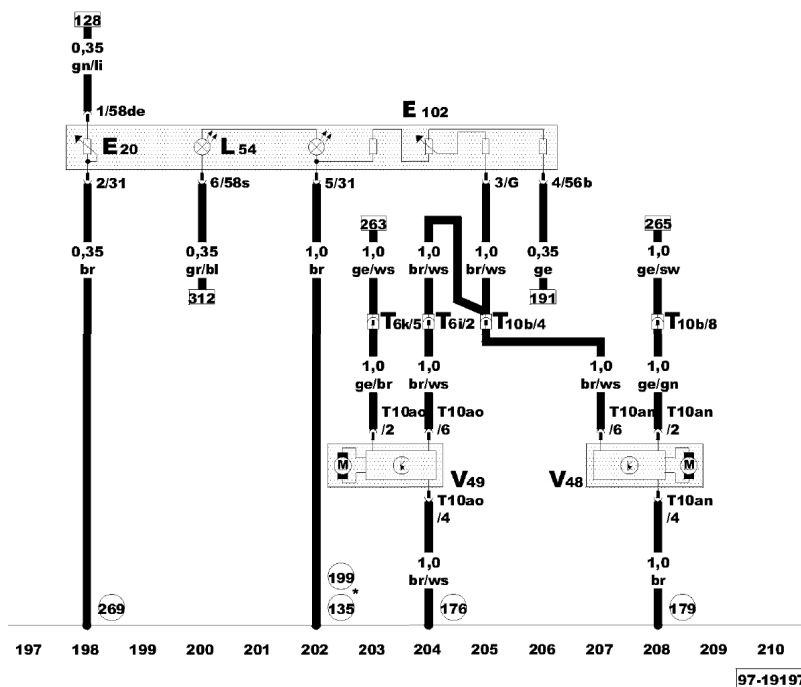
## Current Flow Diagram

### No. 1 / 16



#### Switches and instruments - lighting control, headlight range control

- E20 - Switches and instruments - lighting control
- E102 - Headlight range control adjuster
- L54 - Headlight range control adjuster light bulb
- T6i - 6-pin connector, red, connector point, A pillar, right
- T6k - 6-pin connector, pink, connector point, A pillar, right
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10an - 10-pin connector, on headlight, left
- T10ao - 10-pin connector, on headlight, right
- 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
- 269 - Earth connection (sender earth) -1-, in dash panel wiring harness

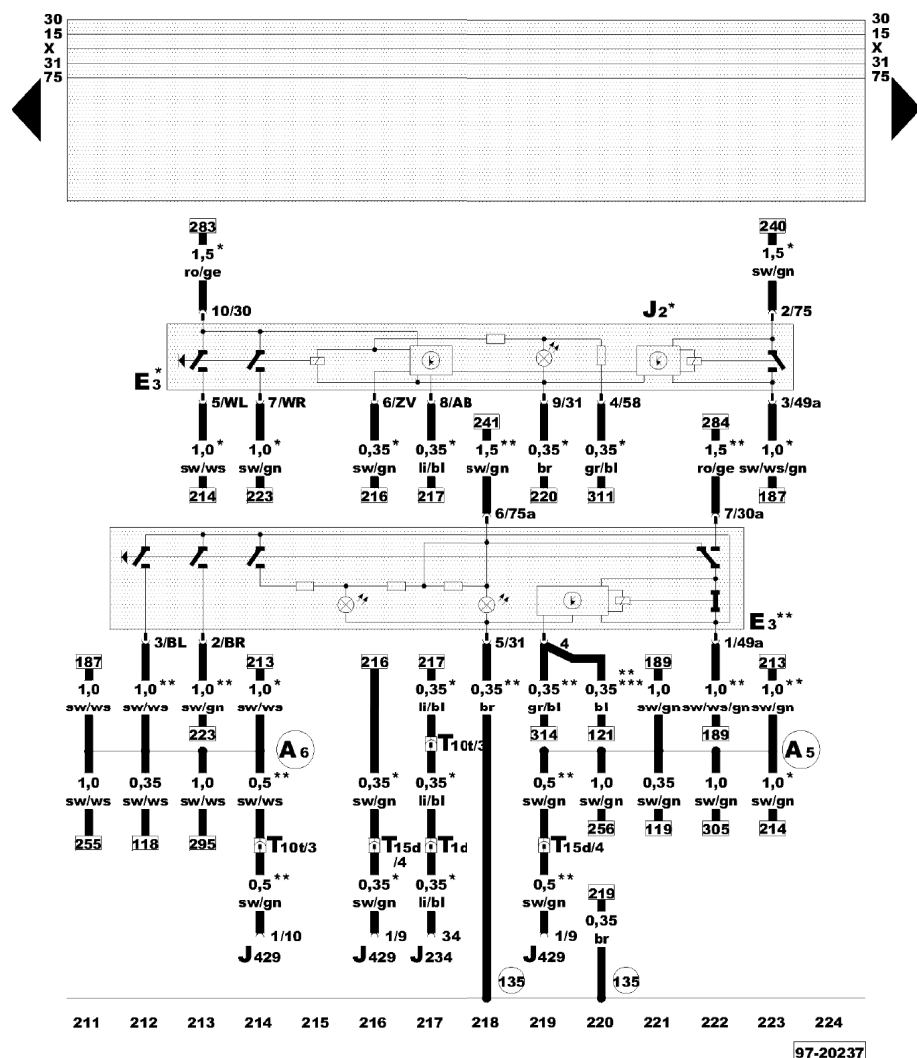


ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

# Audi A6

## Current Flow Diagram

# No. 1 / 17



### Hazard warning light switch

- E3 - Hazard warning light switch
- J2 - Hazard warning light relay
- J234 - Airbag control unit
- J429 - Central locking control unit
- T1d - Single connector, brown, connector point, right A pillar
- T10t - 10-pin connector, orange, connector point, A pillar, right
- T15d - 15-pin connector, black, connector point, right A pillar
- 135 - Earth connection -2-, in dash panel wiring harness

- A5 - Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 - Positive (+) connection (left turn signal), in dash panel wiring harness

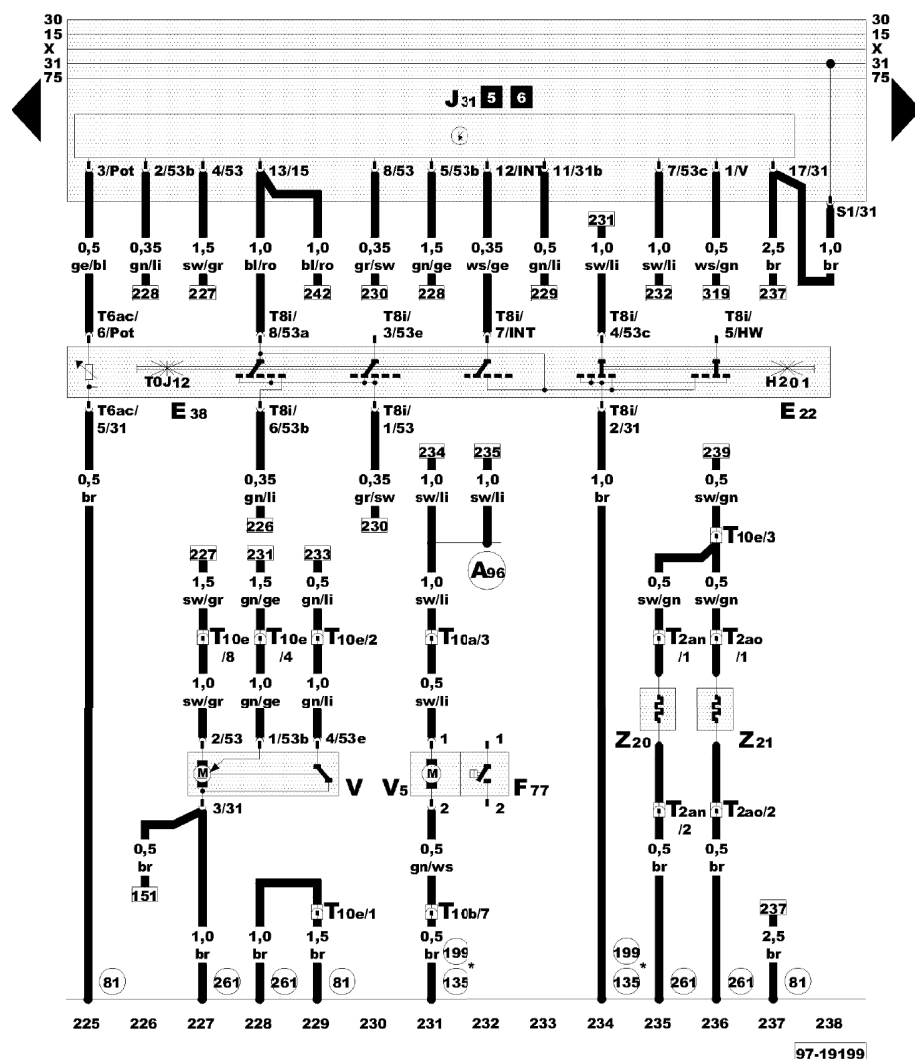
- \* - Up to chassis number 5000
- \*\* - From chassis number 5001
- \*\*\* - Models with trailer coupling

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. 1 / 18



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

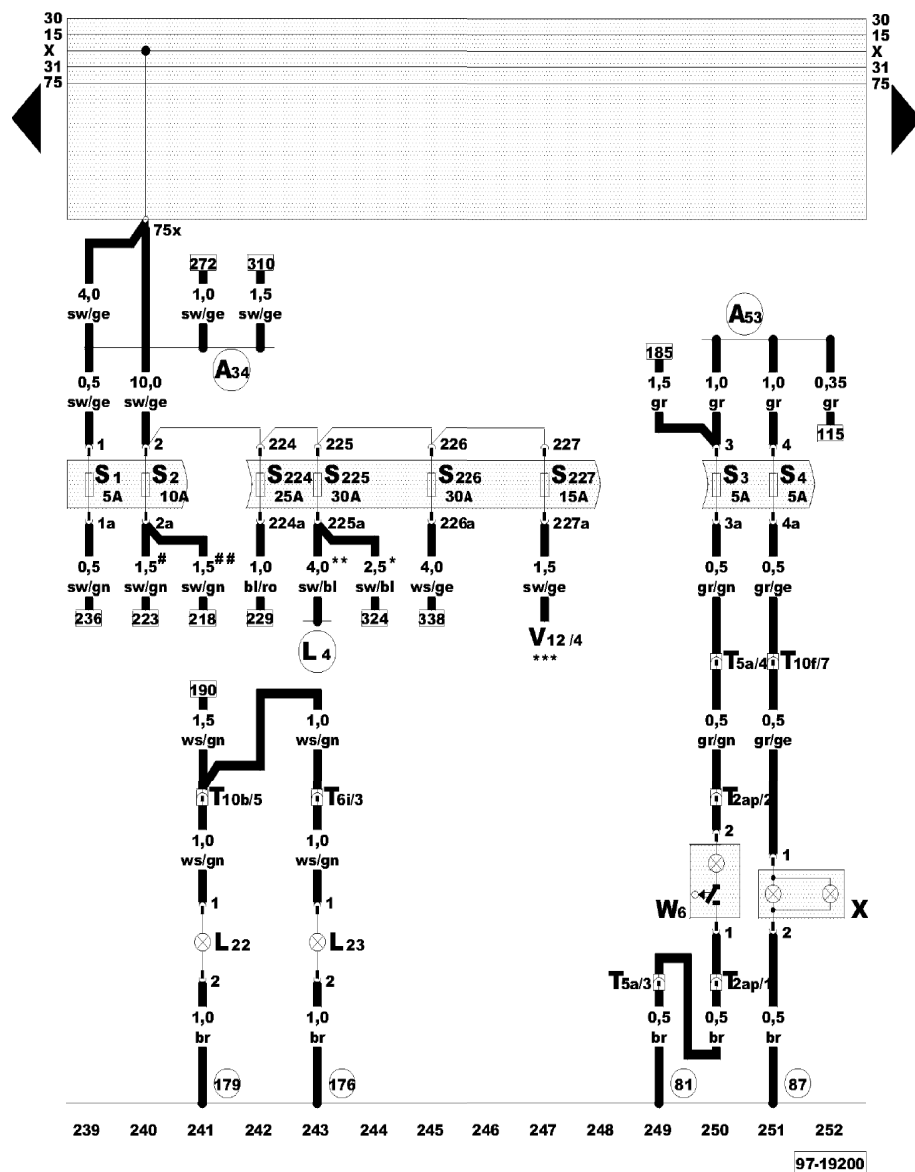
#### Windscreen washer/wiper system, heated washer jets

- E22 - Intermittent wiper switch
- E38 - Intermittent wiper control
- F77 - Windscreen washer fluid warning contact
- J31 - Automatic intermittent wash/wipe relay
- T2an - 2-pin connector, washer jet, left
- T2ao - 2-pin connector, washer jet, right
- T6ac - 6-pin connector, brown, on intermittent wiper control
- T8i - 8-pin connector, at wiper switch
- T10a - 10-pin connector, pink, connector point, A pillar, left
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10e - 10-pin connector, purple, connector point, A pillar, left
- V - Windscreen wiper motor
- V5 - Windscreen washer pump
- Z20 - Heater element, left washer jet
- Z21 - Heater element, right washer jet
- 81 - Earth connection -1-, in dash panel wiring harness
- 135 - Earth connection -2-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- 261 - Earth connection, in heated washer jet wiring harness
- A96 - Connection (53c), in dash panel wiring harness
- \* - Both possible

# Audi A6

## Current Flow Diagram

### No. 1 / 19



#### Fuse box, number plate light, glove box light, fog light

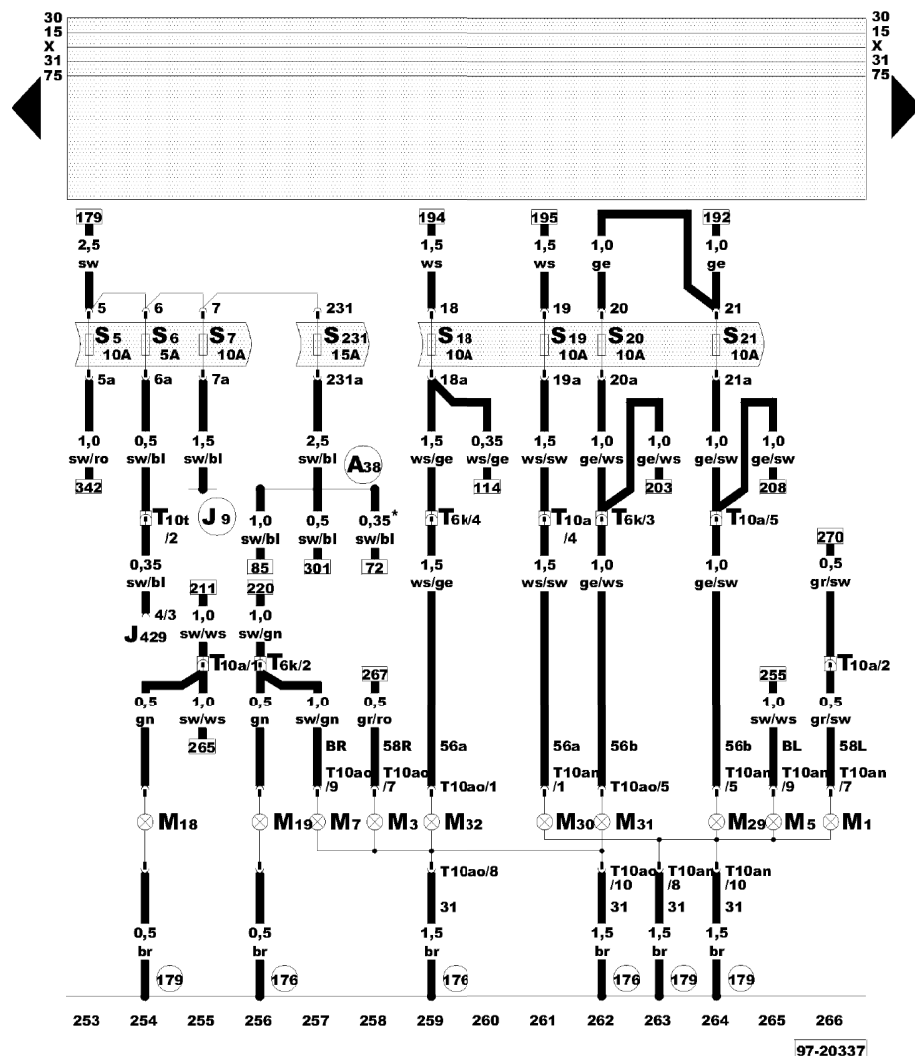
- L22 - Fog light bulb, left
- L23 - Fog light bulb, right
- S1 - Fuse in fuse box
- S2 - Fuse in fuse box
- S3 - Fuse in fuse box
- S4 - Fuse in fuse box
- S224 - Fuse in fuse box
- S225 - Fuse in fuse box
- S226 - Fuse in fuse box
- S227 - Fuse in fuse box
- T2ap - 2-pin connector, black, behind dash panel, right
- T5a - 5-pin connector, black, behind dash panel, right
- T6i - 6-pin connector, red, connector point, A pillar, right
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10f - 10-pin connector, brown, connector point, A pillar, left
- V12 - Rear window wiper motor
- W6 - Glove box light
- X - Number plate light
- 81 - Earth connection -1-, in dash panel wiring harness
- 87 - Earth connection -2-, in rear wiring harness
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A34 - Connection (75x), in dash panel wiring harness
- A53 - Positive (+) connection (58), in dash panel wiring harness
- L4 - Connection (75al), in air conditioner wiring harness
- \* - Models with Thermotronic
- \*\* - Models with air conditioner
- \*\*\* - Only Avant models
- # - Up to chassis number 5000
- ## - From chassis number 5001

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. 1 / 20



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

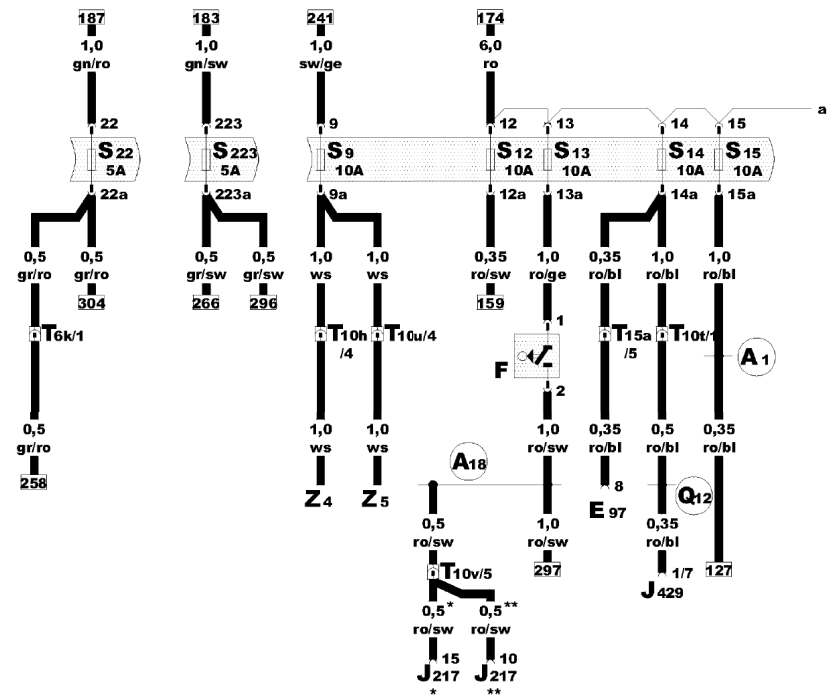
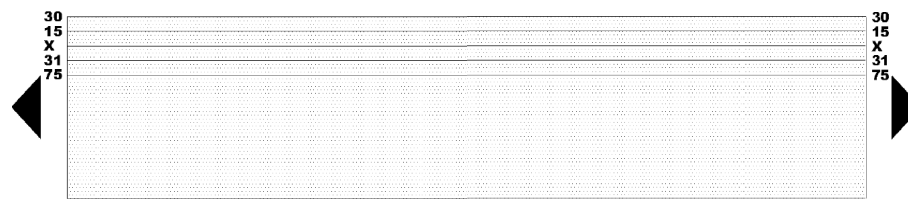
### Fuse box, headlights

- J429 - Central locking control unit
- M1 - Side light bulb, left
- M3 - Side light bulb, right
- M5 - Turn signal bulb, front left
- M7 - Turn signal bulb, front right
- M18 - Side turn signal bulb, left
- M19 - Side turn signal bulb, right
- M29 - Dipped beam bulb, left
- M30 - Main beam bulb, left
- M31 - Dipped beam bulb, right
- M32 - Main beam bulb, right
- S5 - Fuse in fuse box
- S6 - Fuse in fuse box
- S7 - Fuse in fuse box
- S18 - Fuse in fuse box
- S19 - Fuse in fuse box
- S20 - Fuse in fuse box
- S21 - Fuse in fuse box
- S231 - Fuse in fuse box
- T6k - 6-pin connector, pink, connector point, A pillar, right
- T10a - 10-pin connector, pink, connector point, A pillar, left
- T10t - 10-pin connector, orange, connector point, A pillar, right
- T10an - 10-pin connector, on headlight, left
- T10ao - 10-pin connector, on headlight, right
- 176 - Earth connection, in right headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- A38 - Positive (+) connection -2- (15a), in dash panel wiring harness
- J9 - Connection -1- (15a), in ABS wiring harness
- \* - Models with front-wheel drive

# Audi A6

## Current Flow Diagram

No. 1 / 21



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

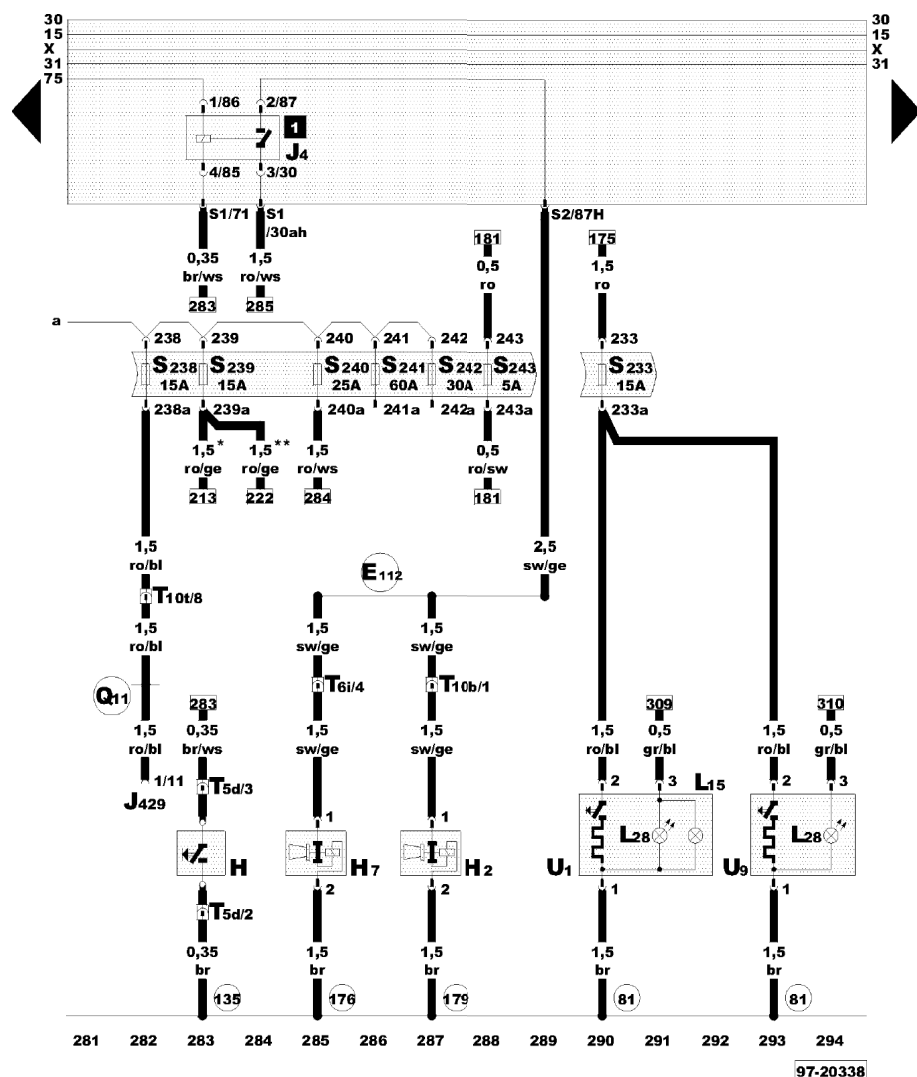
### Fuse box, brake light switch

- E97 - Memory operating unit
- F - Brake light switch
- J217 - Automatic gearbox control unit
- J429 - Central locking control unit
- S9 - Fuse in fuse box
- S12 - Fuse in fuse box
- S13 - Fuse in fuse box
- S14 - Fuse in fuse box
- S15 - Fuse in fuse box
- S22 - Fuse in fuse box
- S223 - Fuse in fuse box
- T6k - 6-pin connector, pink, connector point, A pillar, right
- T10h - 10-pin connector, black, connector point, A pillar, left
- T10t - 10-pin connector, orange, connector point, A pillar, right
- T10u - 10-pin connector, black, connector point, A pillar, right
- T10v - 10-pin connector, brown, connector point, A pillar, right
- T15a - 15-pin connector, black, connector point, left A pillar
- Z4 - Heated exterior mirror, driver's side
- Z5 - Heated exterior mirror, front passenger's side
- A1 - Positive (+) connection (30a), in dash panel wiring harness
- A18 - Connection (54), in dash panel wiring harness
- Q12 - Positive (+) connection (30a), in electric window/central locking and door contact switch wiring harness
- \* - Models with automatic gearbox 01N
- \*\* - Models with automatic gearbox 01V

# Audi A6

## Current Flow Diagram

### No. 1 / 22



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

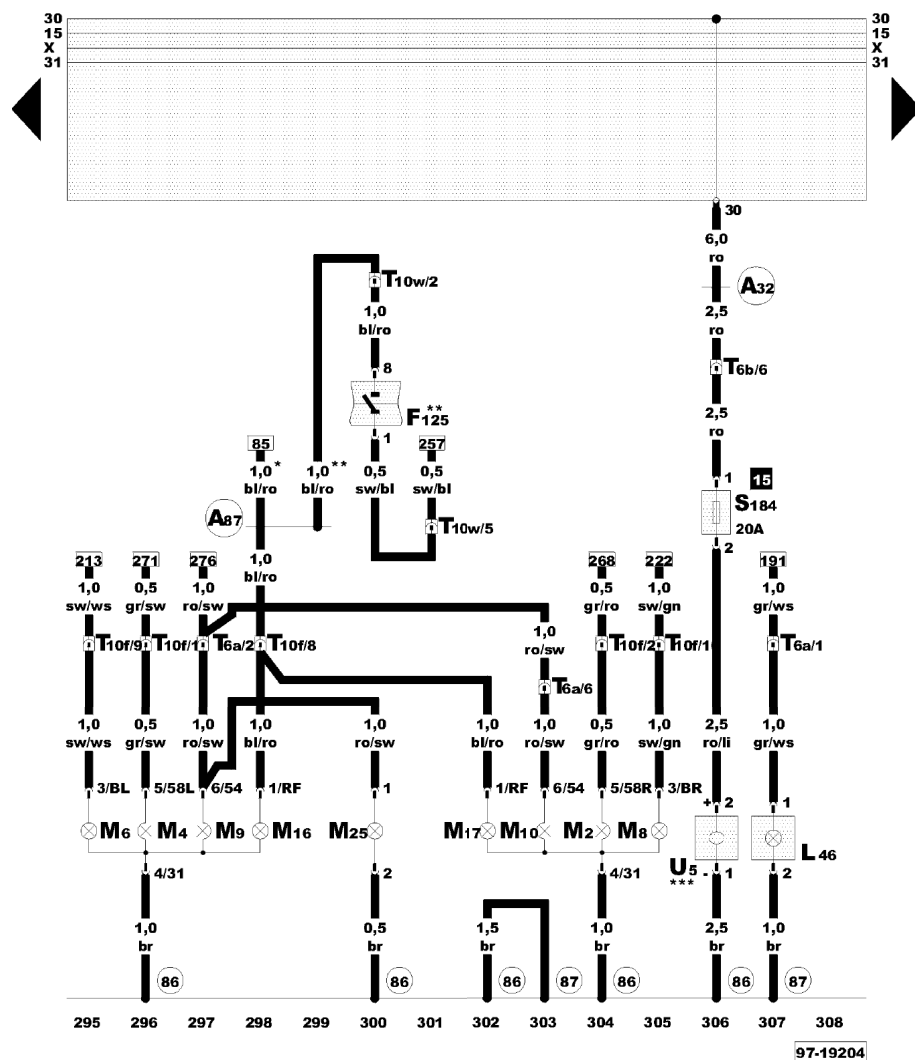
#### Fuse box, horn, front and rear cigarette lighters, horn

- H - Horn plate
- H2 - High tone horn
- H7 - Low tone horn
- J4 - Dual tone horn relay
- J429 - Central locking control unit
- L15 - Ashtray light bulb
- L28 - Cigarette lighter light bulb
- S233 - Fuse in fuse box
- S238 - Fuse in fuse box
- S239 - Fuse in fuse box
- S240 - Fuse in fuse box
- S241 - Fuse in fuse box
- S242 - Fuse in fuse box
- S243 - Fuse in fuse box
- T5d - 5-pin connector, behind steering column switch trim
- T6i - 6-pin connector, red, connector point, A pillar, right
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10t - 10-pin connector, orange, connector point, A pillar, right
- U1 - Cigarette lighter
- U9 - Cigarette lighter, rear
- 81 - Earth connection -1-, in dash panel wiring harness
- 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
- E112 - Connection (horn-87h), in dash panel wiring harness
- Q11 - Positive (+) connection (30a), in electric window/central locking and door contact switch wiring harness
- \* - Up to chassis number 5000
- \*\* - From chassis number 5001

# Audi A6

## Current Flow Diagram

### No. 1 / 23



#### Tail light, brake lights, turn signals rear, rear fog light, 12 V socket

- F125 - Multi-function switch
- L46 - Rear fog light bulb, left
- 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
- S184 - Fuse for 12 V socket
- T6a - 6-pin connector, blue, connector point, A pillar, left
- T6b - 6-pin connector, white, connector point, A pillar, left
- T10f - 10-pin connector, brown, connector point, A pillar, left
- T10w - 10-pin connector, blue, connector point, A pillar, right
- U5 - 12 V socket
- 86 - Earth connection -1-, in rear wiring harness
- 87 - Earth connection -2-, in rear wiring harness
- A32 - Positive (+) connection (30), in dash panel wiring harness
- A87 - Connection (RF (reversing light)), in dash panel wiring harness
- \* - Models with manual gearbox
- \*\* - Models with automatic gearbox
- \*\*\* - Only Avant models

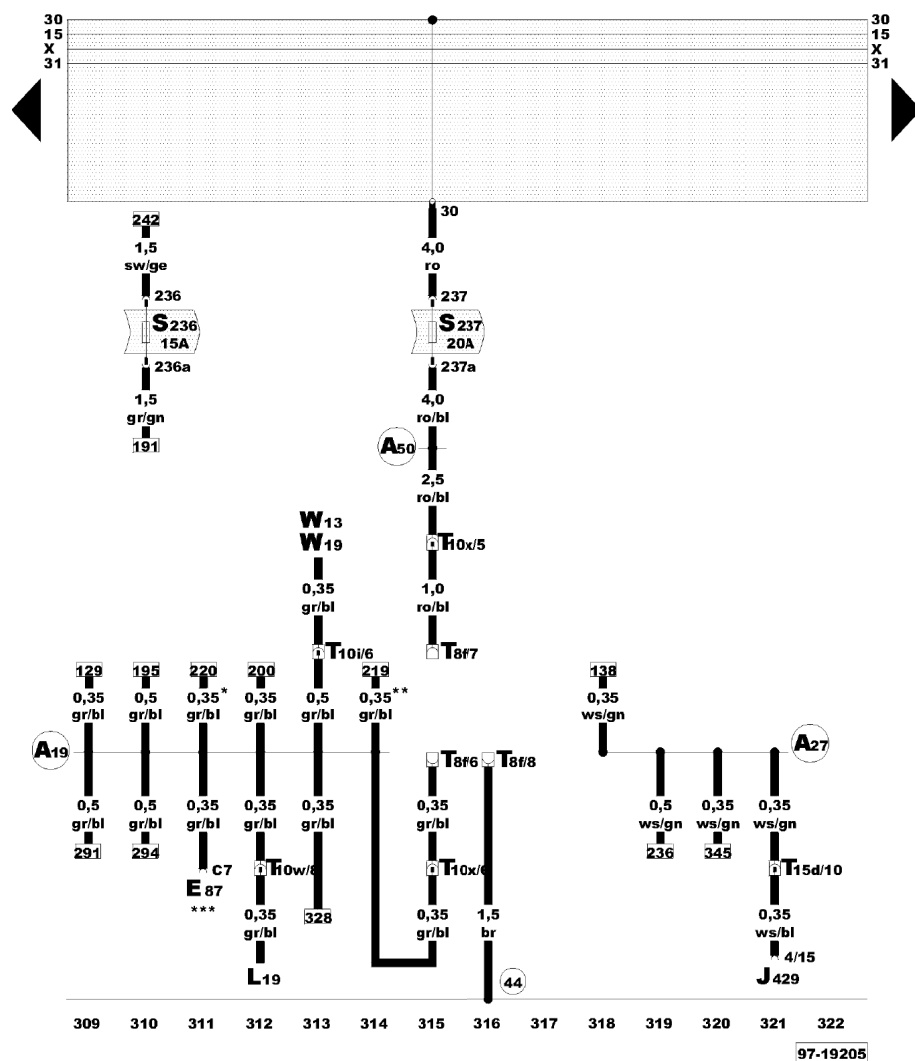
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink



# Audi A6

## Current Flow Diagram

## No. 1 / 24



### Basic wiring for radio

- E87 - Control and display unit for air conditioner
- J429 - Central locking control unit
- L19 - Gear selector light bulb
- S236 - Fuse in fuse box
- S237 - Fuse in fuse box
- T8f - 8-pin connector, black, radio connector III
- T10i - 10-pin connector, dark brown, connector point left A-pillar
- T10w - 10-pin connector, blue, connector point, A pillar, right
- T10x - 10-pin connector, pink, connector point, A pillar, right
- T15d - 15-pin connector, black, connector point, right A pillar
- W13 - Front passenger reading light
- W19 - Reading light, driver's side
- 44 - Earth point, lower part of left A-pillar
- A19 - Connection (58s), in dash panel wiring harness switch illumination
- A27 - Connection (speed signal), in dash panel wiring harness
- A50 - Positive (+) connection (30a), in dash panel wiring harness

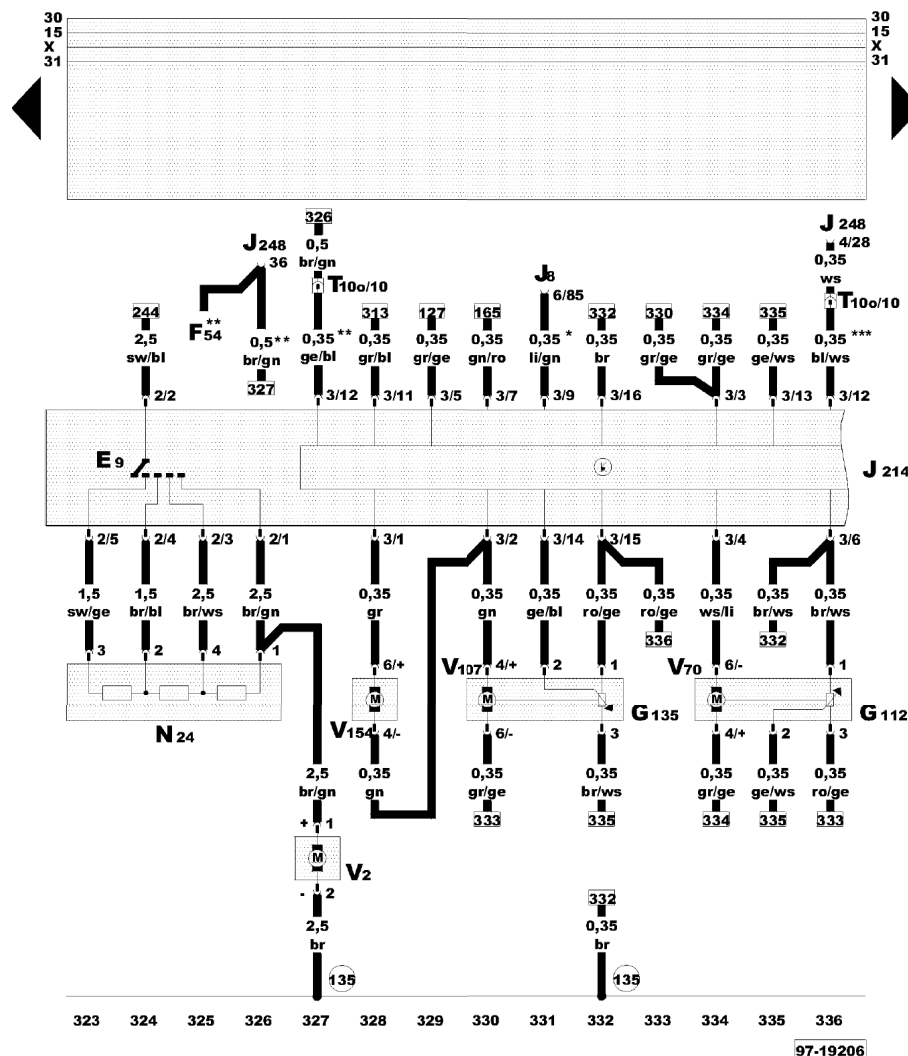
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

- \* - Up to chassis number 5000
- \*\* - From chassis number 5001
- \*\*\* - Models with air conditioner

# Audi A6

## Current Flow Diagram

### No. 1 / 25



#### Heater

- E9 - Fresh air blower switch
- F54 - Radiator fan thermo-switch
- G112 - Control motor potentiometer, central flap
- G135 - Control motor potentiometer, defroster flap
- J8 - Auxiliary heater relay
- J214 - Thermotronic control unit
- J248 - Diesel direct injection system control unit
- N24 - Fresh air blower with overheating fuse series resistor
- T100 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- V2 - Fresh air blower
- V70 - Central flap control motor
- V107 - Defroster flap control motor
- V154 - Fresh air/air recirculating flap control motor
- 135 - Earth connection -2-, in dash panel wiring harness

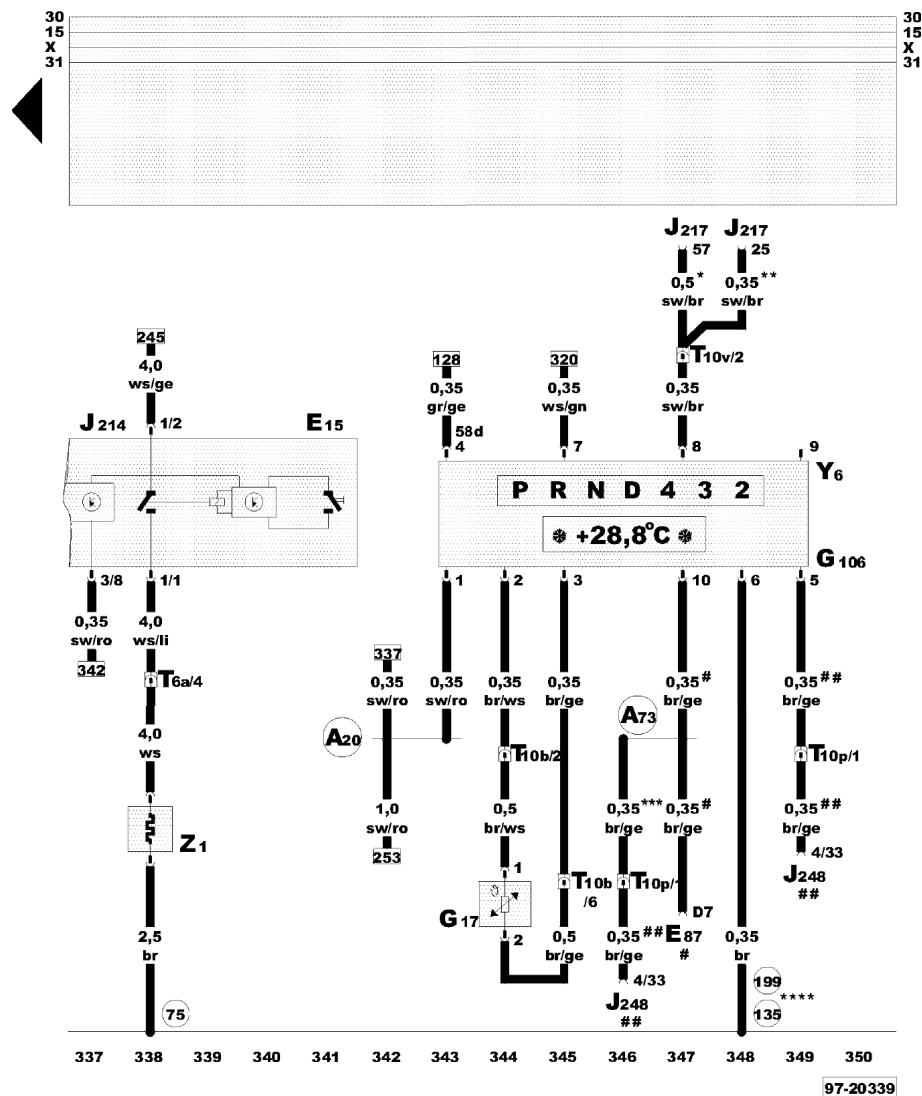
- \* - Models with auxiliary heater
- \*\* - Models with 1.6 l TDI engine
- \*\*\* - Models with 2,5 l TDI engine

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. 1 / 26



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

### Heated rear window, ambient temperature indicator, selector lever position indicator

- E15 - Heated rear window switch
- E87 - Control and display unit for air conditioner
- G17 - Ambient temperature sensor
- G106 - Ambient temperature indicator
- J214 - Thermotronic control unit
- J217 - Automatic gearbox control unit
- J248 - Diesel direct injection system control unit
- T6a - 6-pin connector, blue, connector point, A pillar, left
- T10b - 10-pin connector, red, connector point, A pillar, left
- T10p - 10-pin connector, black, connector point, electronics box, plenum chamber
- T10v - 10-pin connector, brown, connector point, A pillar, right
- Y6 - Selector lever position indicator
- Z1 - Heated rear window
- 75 - Earth point, right rear pillar
- 135 - Earth connection -2-, in dash panel wiring harness
- 199 - Earth connection -3-, in dash panel wiring harness
- A20 - Positive (+) connection (15a), in dash panel wiring harness
- A73 - Connection (ambient temperature display), in dash panel wiring harness
- \* - Models with automatic gearbox 01N
- \*\* - Models with automatic gearbox 01V
- \*\*\* - Models with driver information system and on-board computer
- \*\*\*\* - Both possible
- # - Models with air conditioner
- ## - Models with 6-cylinder TDI engine