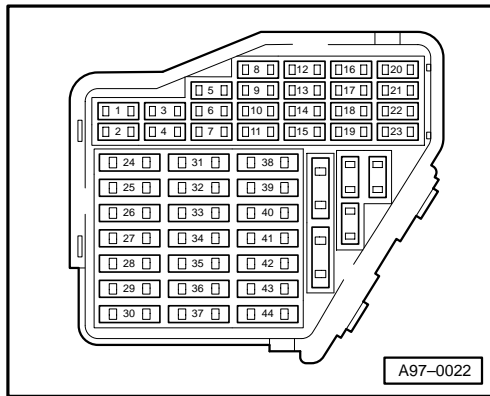


2,7 litre fuel injection engine, 195 kW, bi-turbo, 6-cylinder engine codes AGB

2,7 litre fuel injection engine, 280 kW, bi-turbo, 6-cylinder engine codes ASJ

From model year 1999

Fuse box:

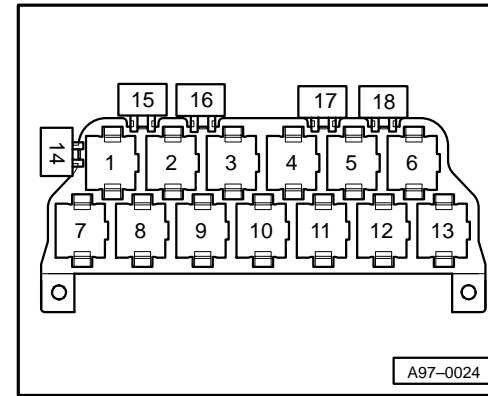


Fuse colours:

- 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.

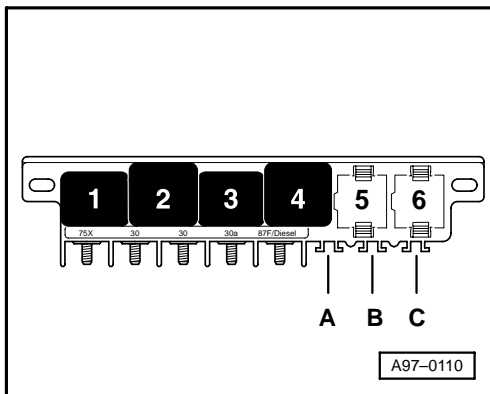
13-point relay carrier:



Position of relays:

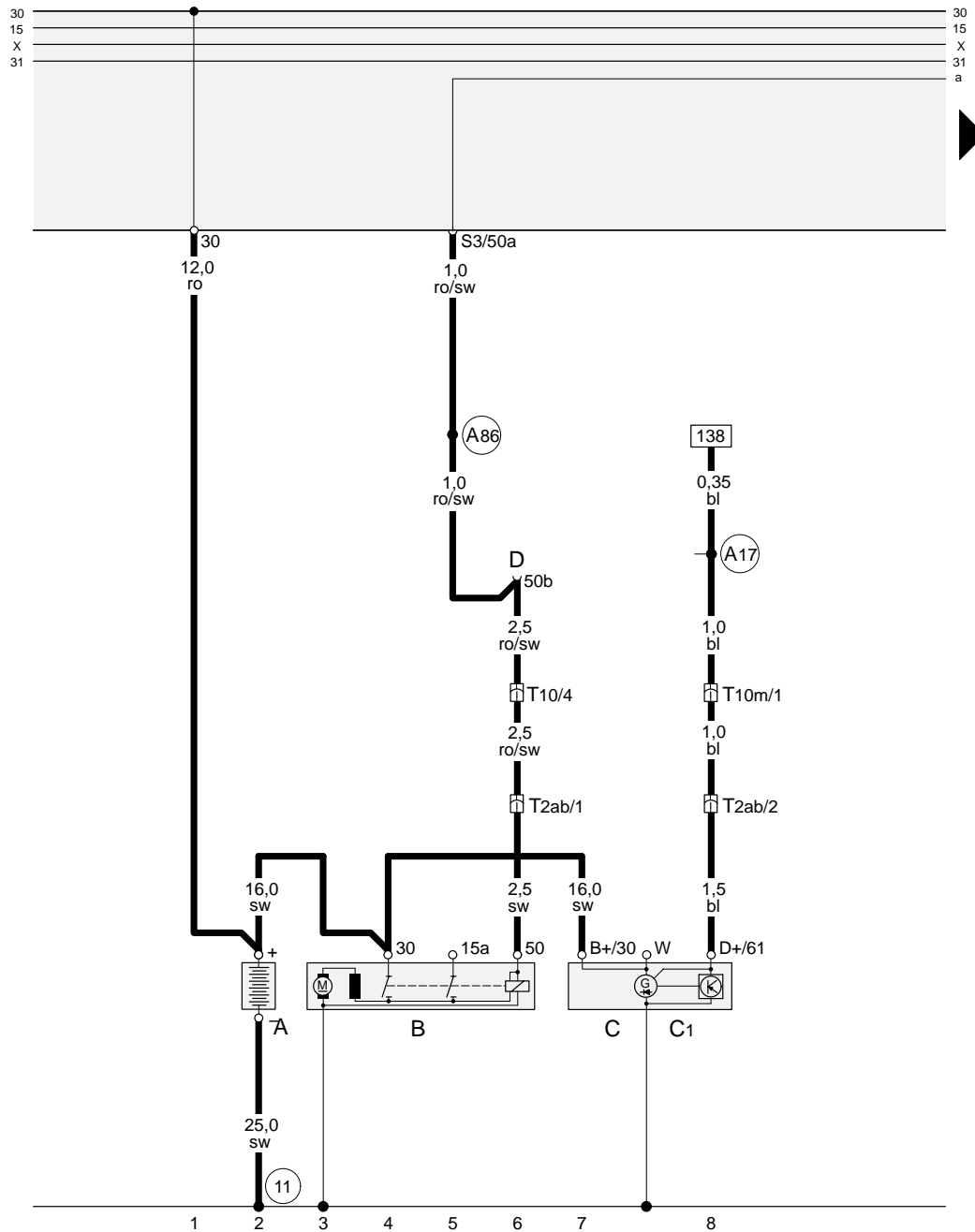
- 4** - Bulb monitoring control unit
- 5** - Bulb monitoring control unit

Micro-central electrics:



Position of relays:

- 1** - Horn relay
- 4** - Fuel pump relay



### Battery, starter, alternator

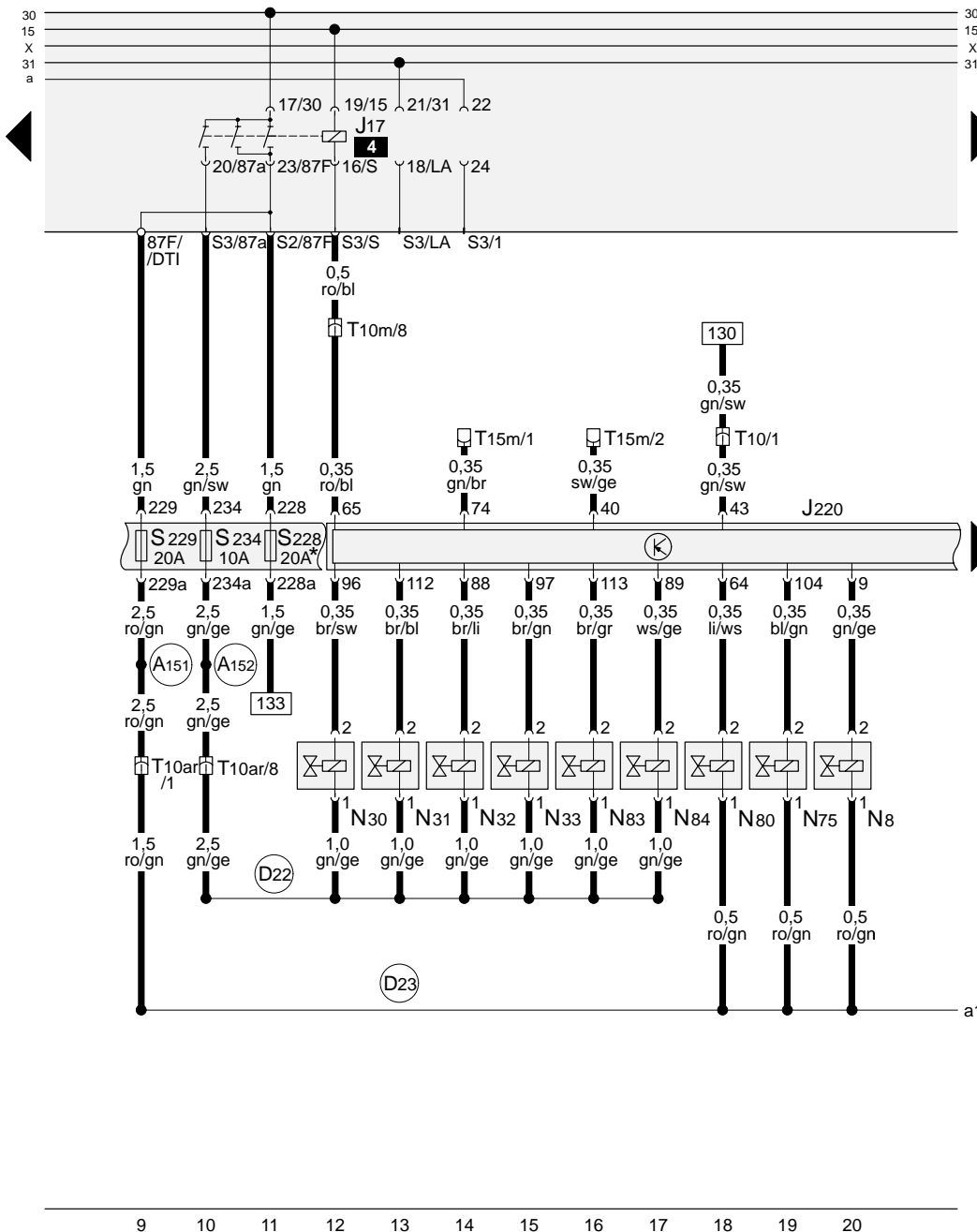
- A – Battery
- B – Starter
- C – Alternator
- C1 – Voltage regulator
- D – Ignition/starter switch
- T2ab – 2-pin connector, grey, in engine compartment, right
- T10 – 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10m – 10-pin connector, black, connector point, electronics box, plenum chamber
- (11) – Earth point, in battery box
- (A17) – Connection (61), in dash panel wiring harness
- (A86) – Positive (+) connection (50a), in dash panel wiring harness

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

97-50641

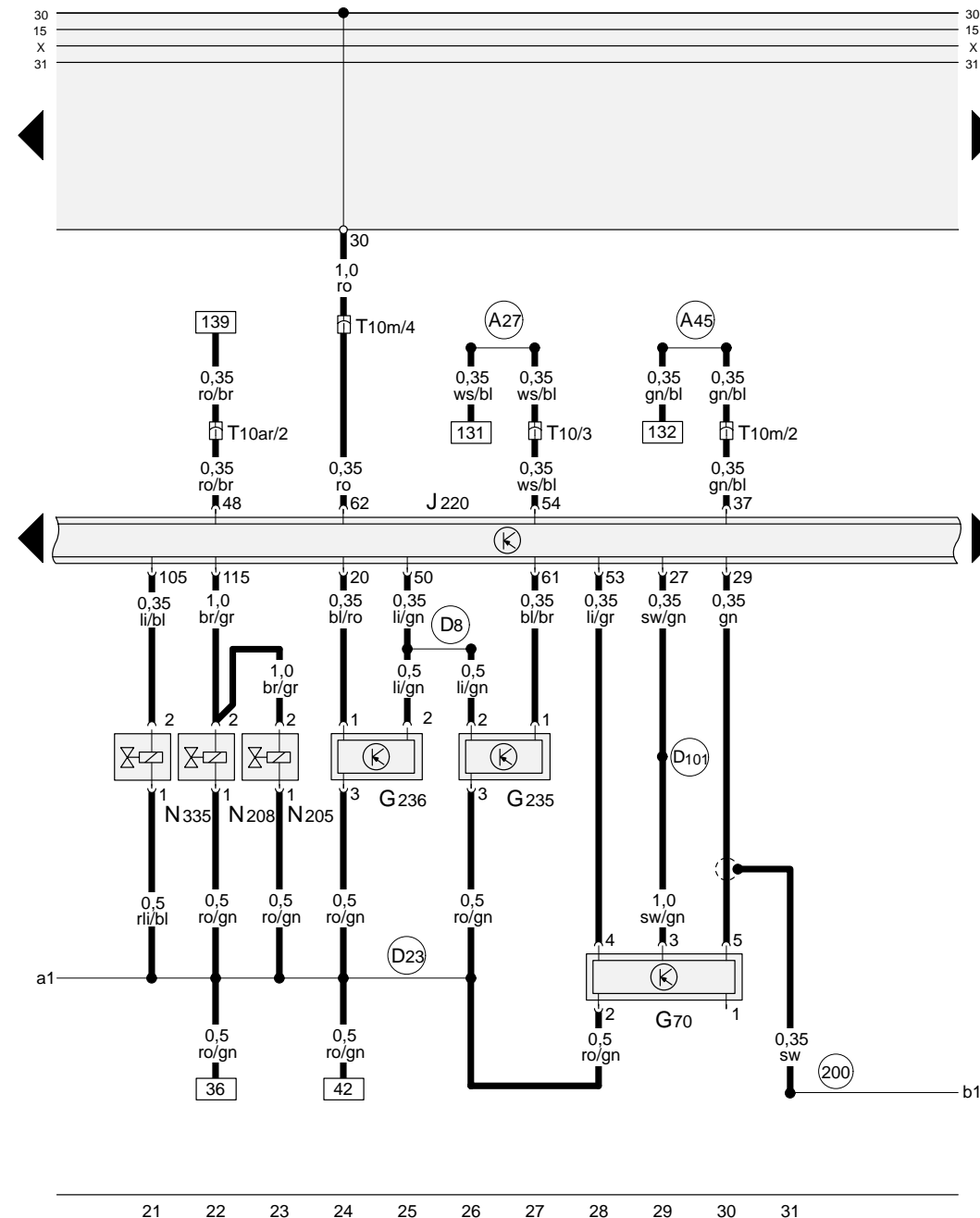
### Motronic control unit, fuel pump relay, injectors

- J17 - Fuel pump relay
  - J220 - Motronic control unit
  - N8 - By-pass air cut-off valve (central idling)
  - N30 - Injector, cylinder 1
  - N31 - Injector, cylinder 2
  - N32 - Injector, cylinder 3
  - N33 - Injector, cylinder 4
  - N75 - Charge pressure control solenoid valve
  - N80 - Activated charcoal filter system solenoid valve 1
  - N83 - Injector, cylinder 5
  - N84 - Injector, cylinder 6
  - S228 - Fuse in fuse box
  - S229 - Fuse in fuse box
  - S234 - Fuse in fuse box
  - T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
  - T10m- 10-pin connector, black, connector point, electronics box, plenum chamber
  - T10ar- 10-pin connector, orange, connector point, electronics box, plenum chamber
  - T15m- 15-pin connector, red, connector point, electronics box, plenum chamber
- (A151) - Connection -4- (87), in dash panel wiring harness
  - (A152) - Connection -5- (87), in dash panel wiring harness
  - (D22) - Positive (+) connection (87a for injectors), in engine compartment wiring harness, right
  - (D23) - Positive (+) connection (87F), in engine compartment wiring harness, right
- \* - S 228 on RS4 25A!



ws = white  
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 gr = grey  
 li = purple  
 ge = yellow

**Motronic control unit, exhaust gas temperature sender, inlet camshaft timing adjustment valve, air mass meter**



- G70 - Air mass meter
- G235- Exhaust gas temperature sender -1-
- G236- Exhaust gas temperature sender -2-
- J220 - Motronic control unit
- N205- Inlet camshaft timing adjustment valve -1-
- N208- Inlet camshaft timing adjustment valve -2-
- N335- Variable intake manifold change-over valve
- T10 - 10-pin connector, brown, connector point, electronics box, plenum chamber
- T10m- 10-pin connector, black, connector point, electronics box, plenum chamber
- T10ar- 10-pin connector, orange, connector point, electronics box, plenum chamber

- (200) - Earth connection (screening), in engine compartment wiring harness
- (A27) - Connection (speed signal), in dash panel wiring harness
- (A45) - Connection (engine speed signal), in dash panel wiring harness
- (D8) - Connection (temperature sensor/potentiometer) in front right wiring harness
- (D23) - Positive (+) connection (87F), in engine compartment wiring harness, right
- (D101) - Connection -1-, in engine compartment wiring harness

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

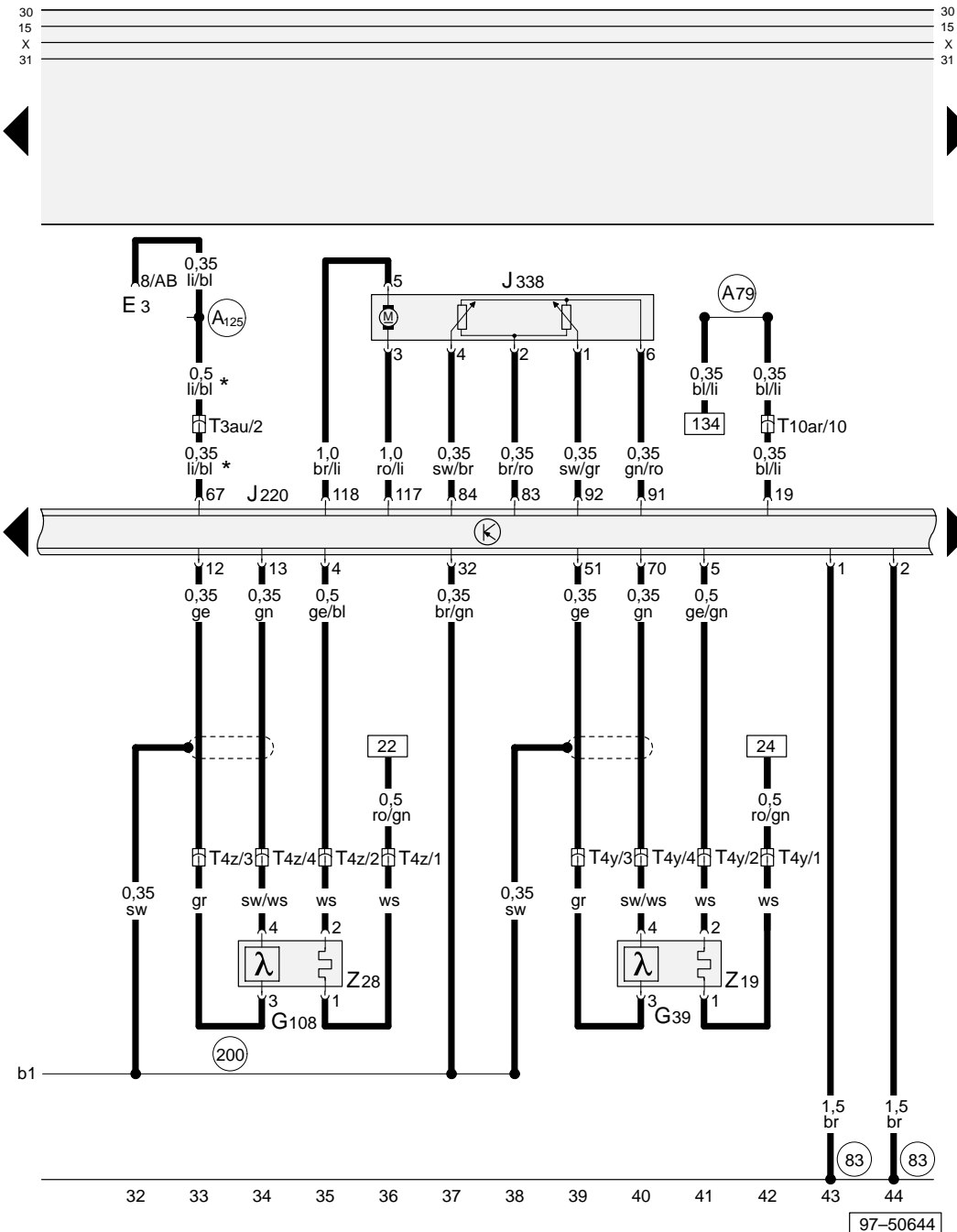
### Motronic control unit, throttle valve control unit, lambda probes

- E3 - Hazard warning light switch
- G39 - Lambda probe I
- G108 - Lambda probe II
- J220 - Motronic control unit
- J338 - Throttle valve control unit
- T3au - 3-pin connector, red, connector point, electronics box, plenum chamber
- T4y - 4-pin connector, black, in engine compartment, right
- T4z - 4-pin connector, black, in engine compartment, left
- T10ar - 10-pin connector, orange, connector point, electronics box, plenum chamber
- Z19 - Lambda probe heater 1
- Z28 - Lambda probe heater 2

- (83) - Earth connection -1-, in front right wiring harness
- (200) - Earth connection (screening), in engine compartment wiring harness
- (A79) - Connection (hot light switch), in dash panel wiring harness
- (A125) - Connection (crash signal), in dash panel wiring harness

\* - Applicable from model year 2000

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



97-50644



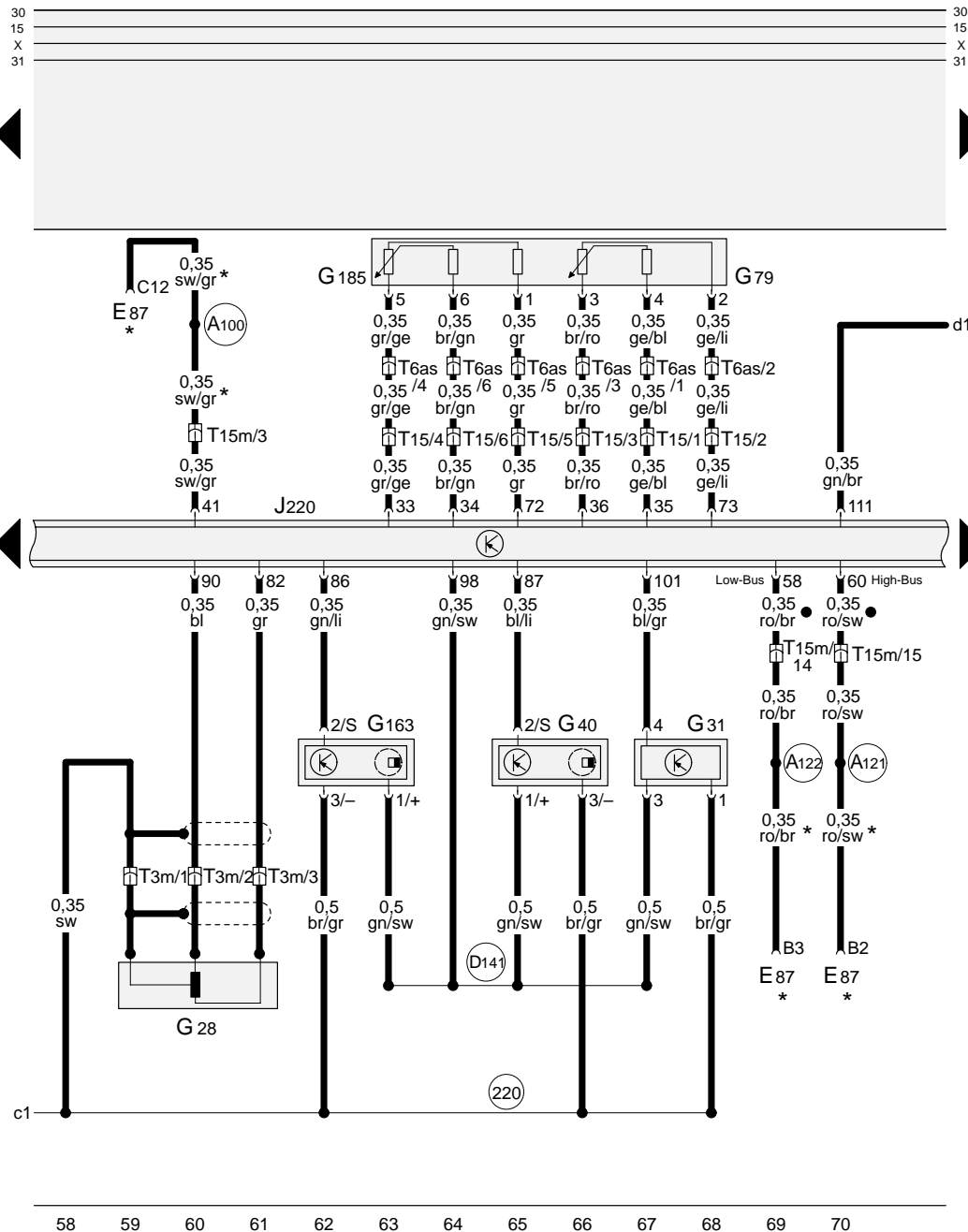
Motronic control unit, Hall senders, accelerator pedal position senders, engine speed sender, charge air pressure sender

- E87 - Control and display unit for air conditioner
- G28 - Engine speed sender
- G31 - Charge air pressure sender
- G40 - Hall sender 1
- G79 - Accelerator pedal position sender
- G163 - Hall sender 2
- G185 - Accelerator pedal position sender -2-
- J220 - Motronic control unit
- T3m - 3-pin connector, grey, in engine compartment, left
- T6as - 6-pin connector, black, in engine compartment, rear
- T15 - 15-pin connector, white, connector point, electronics box, plenum chamber
- T15m - 15-pin connector, red, connector point, electronics box, plenum chamber

- (220) - Earth connection (sender earth), in engine wiring harness
- (A100) - Connection -2- (87), in dash panel wiring harness
- (A121) - Connection (high bus), in dash panel wiring harness
- (A122) - Connection (low bus), in dash panel wiring harness
- (D141) - Connection (5V), in engine prewiring wiring harness

- \* - Only models with air conditioner
- - CAN bus (data wire)

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

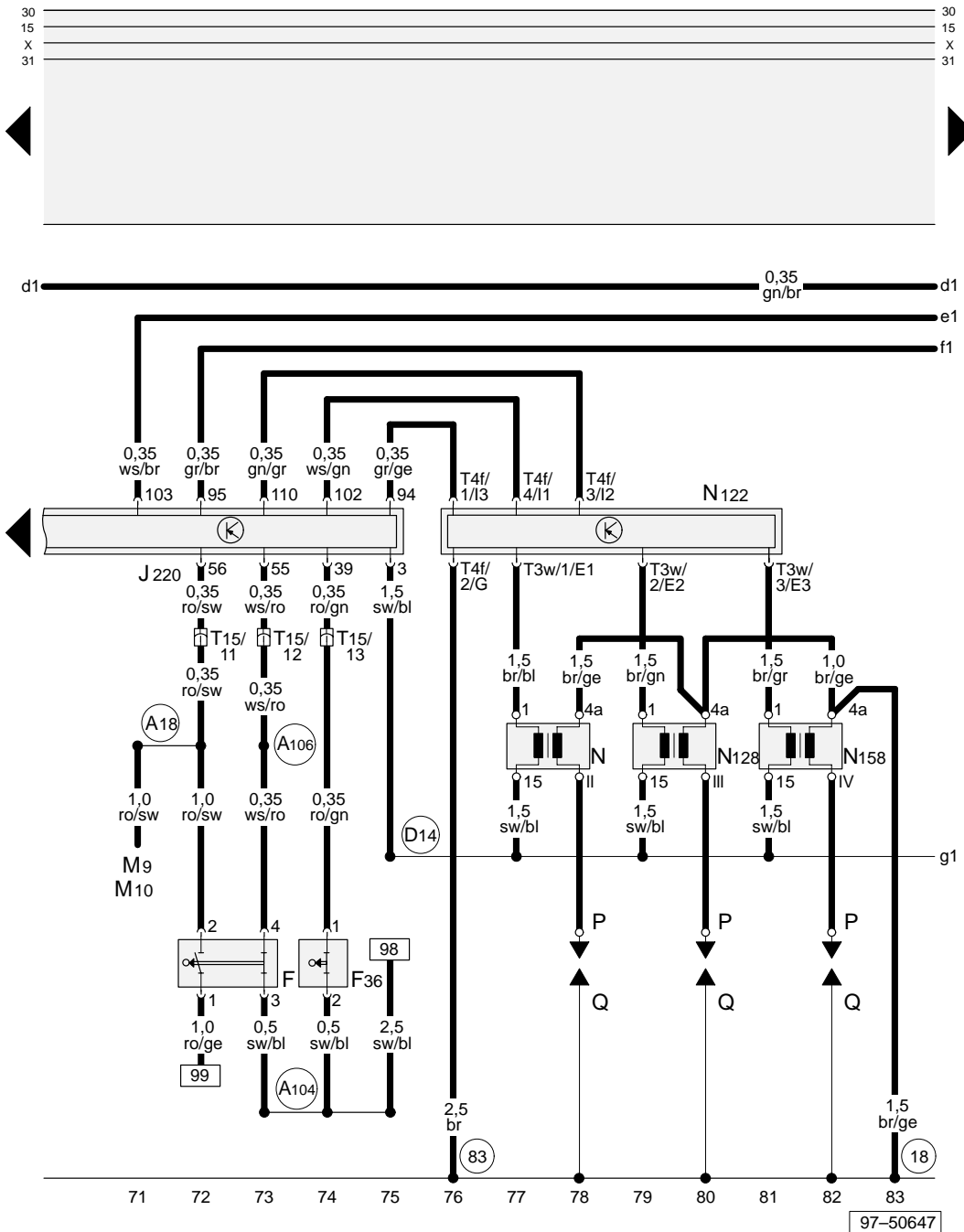


97-50646

### Motronic control unit, ignition system, brake light switch, clutch pedal switch

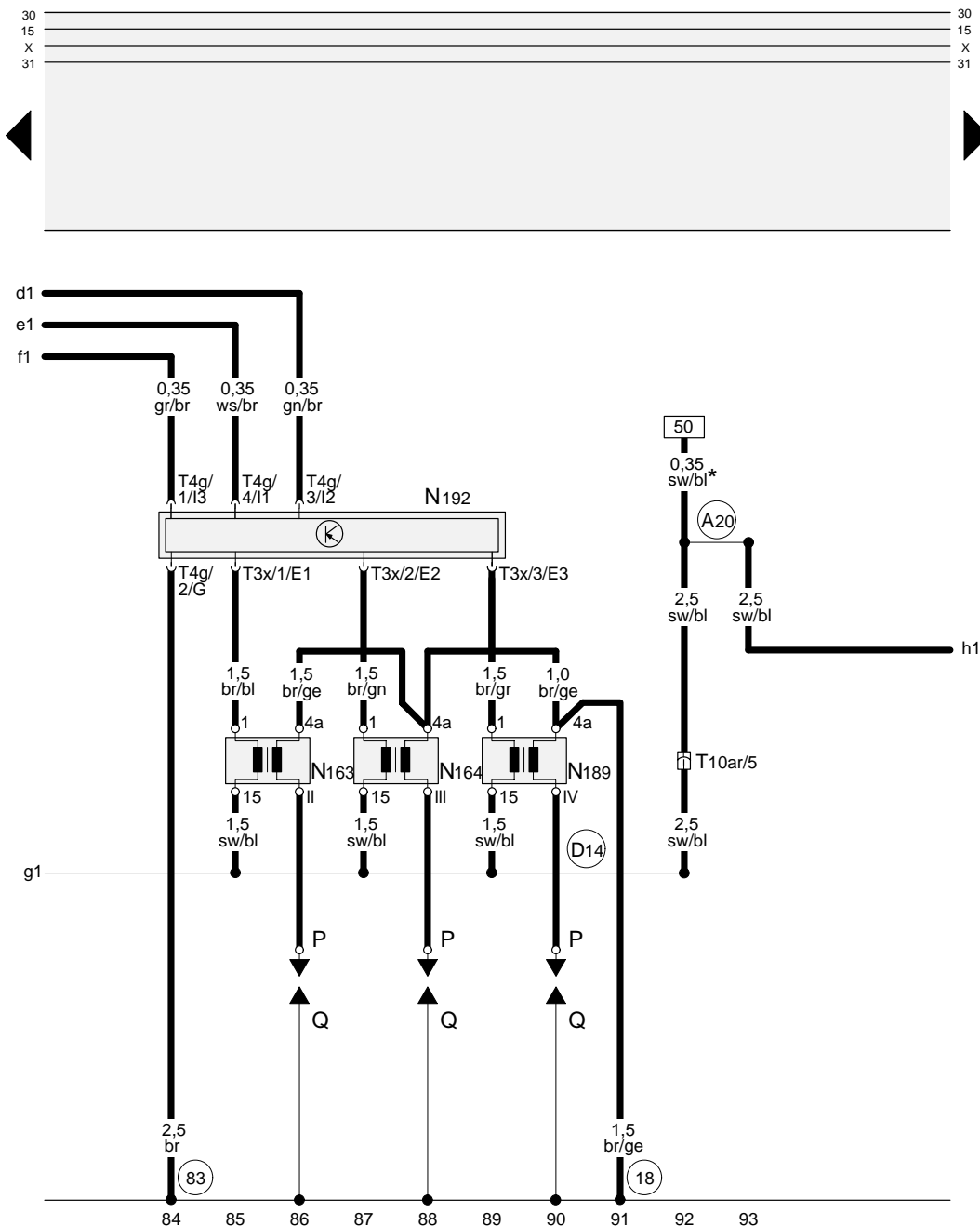
- F - Brake light switch
  - F36 - Clutch pedal switch
  - J220 - Motronic control unit
  - M9 - Brake light bulb, left
  - M10 - Brake light bulb, right
  - N - Ignition coil 1
  - N122 - Final output stage 1
  - N128 - Ignition coil 2
  - N158 - Ignition coil 3
  - P - Spark plug connector
  - Q - Spark plugs
  - T3w - 3-pin connector, black, at output stage
  - T4f - 4-pin connector, black, on ignition final output stage
  - T15 - 15-pin connector, white, connector point, electronics box, plenum chamber
- (18) - Earth point, on engine block
  - (83) - Earth connection -1-, in front right wiring harness
  - (A18) - Connection (54), in dash panel wiring harness
  - (A104) - Positive (+) connection -2- (15), in dash panel wiring harness
  - (A106) - Connection -2- (86s), in dash panel wiring harness
  - (D14) - Connection (ignition coil - control unit), in front right wiring harness

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



97-50647





### Ignition system

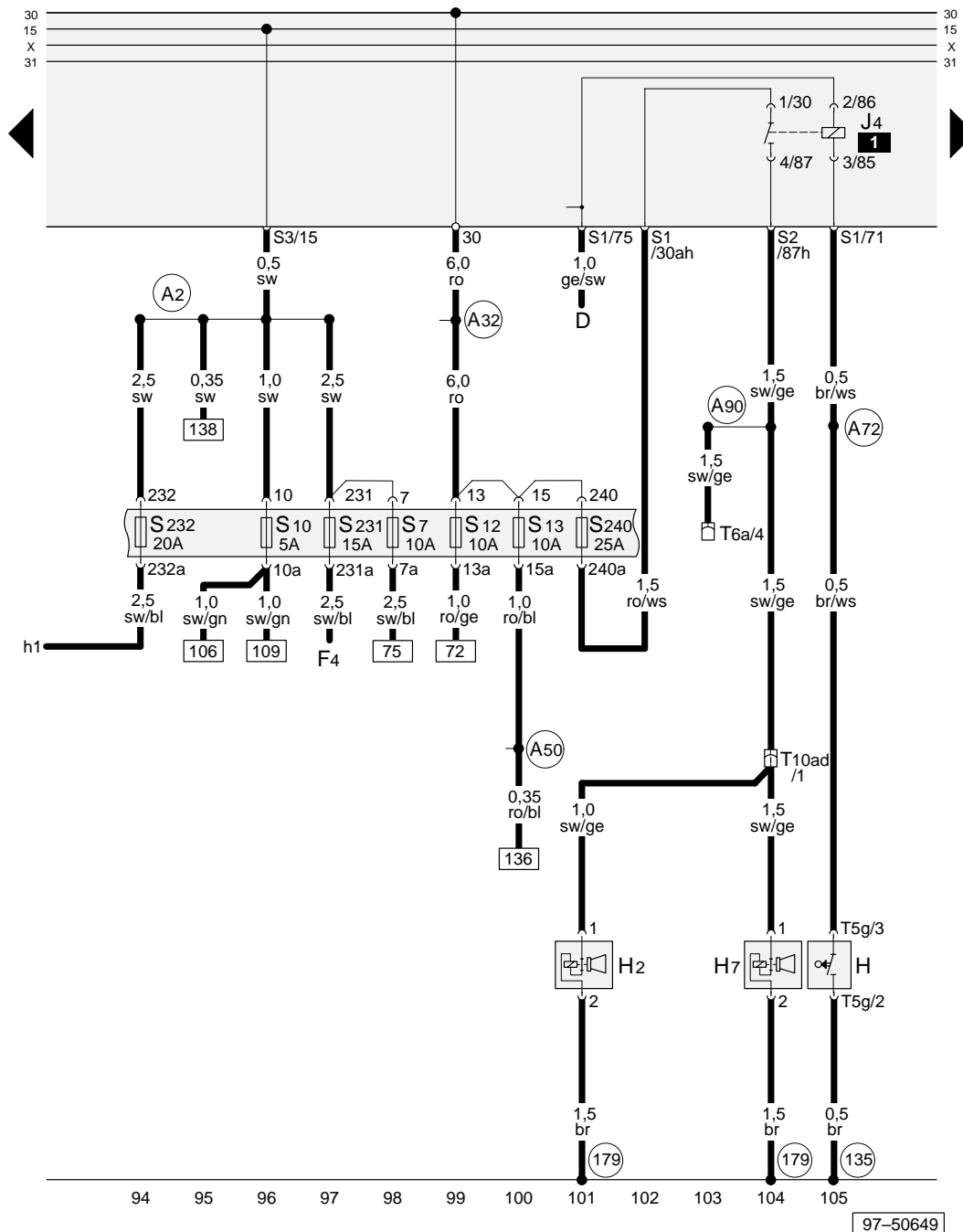
- N163- Ignition coil 4
- N164- Ignition coil 5
- N189- Ignition coil 6
- N192- Final output stage 2
- P - Spark plug connector
- Q - Spark plugs
- T3x - 3-pin connector, brown, on ignition final output stage
- T4g - 4-pin connector, brown, on ignition final output stage
- T10ar- 10-pin connector, orange, connector point, electronics box, plenum chamber

- (18) - Earth point, on engine block
- (83) - Earth connection -1-, in front right wiring harness
- (A20) - Connection (15a), in dash panel wiring harness
- (D14) - Connection (ignition coil - control unit), in front right wiring harness

\* - Only models with cruise control system

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

97-50648



### Fuse box, horn plate, reversing light switch

- D – Ignition/starter switch
  - F4 – Reversing light switch
  - H – Horn plate
  - H2 – High tone horn
  - H7 – Low tone horn
  - J4 – Dual tone horn relay
  - S7 – Fuse in fuse box
  - S10 – Fuse in fuse box
  - S12 – Fuse in fuse box
  - S13 – Fuse in fuse box
  - S14 – Fuse in fuse box
  - S231 – Fuse in fuse box
  - S232 – Fuse in fuse box
  - 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
- 
- (135) – Earth connection -2-, in dash panel wiring harness
  - (179) – Earth connection, in left headlight wiring harness
  - (A2) – Positive (+) connection (15), in dash panel wiring harness
  - (A32) – Positive (+) connection (30), in dash panel 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

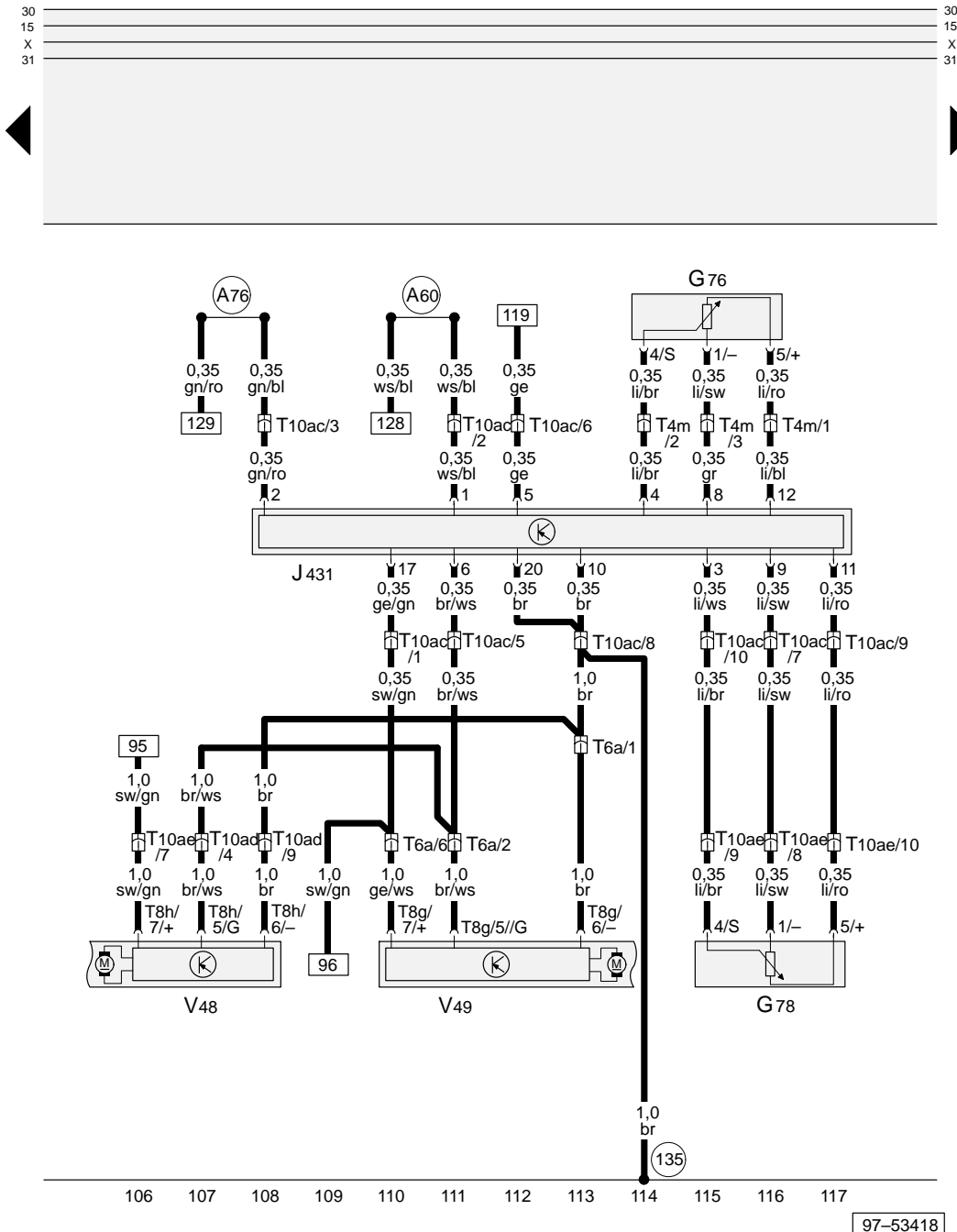
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow

### Headlight range control

- G76 - Vehicle level sender, rear left (electrical headlight range control)
- G78 - Vehicle level sender, front left (electrical headlight range control)
- J431 - Headlight range control, control unit
- T4m - 4-pin connector, black, under rear seat, left
- T6a - 6-pin connector, red, right connector point, A pillar
- T8g - 8-pin connector, headlight, right
- T8h - 8-pin connector, headlight, left
- T10ac- 10-pin connector, blue, right 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
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right

- (135) - Earth connection -2-, in dash panel wiring harness
- (A60) - Connection (vehicle speed signal), in dash panel wiring harness
- (A76) - Connection (diagnosis wire K), 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



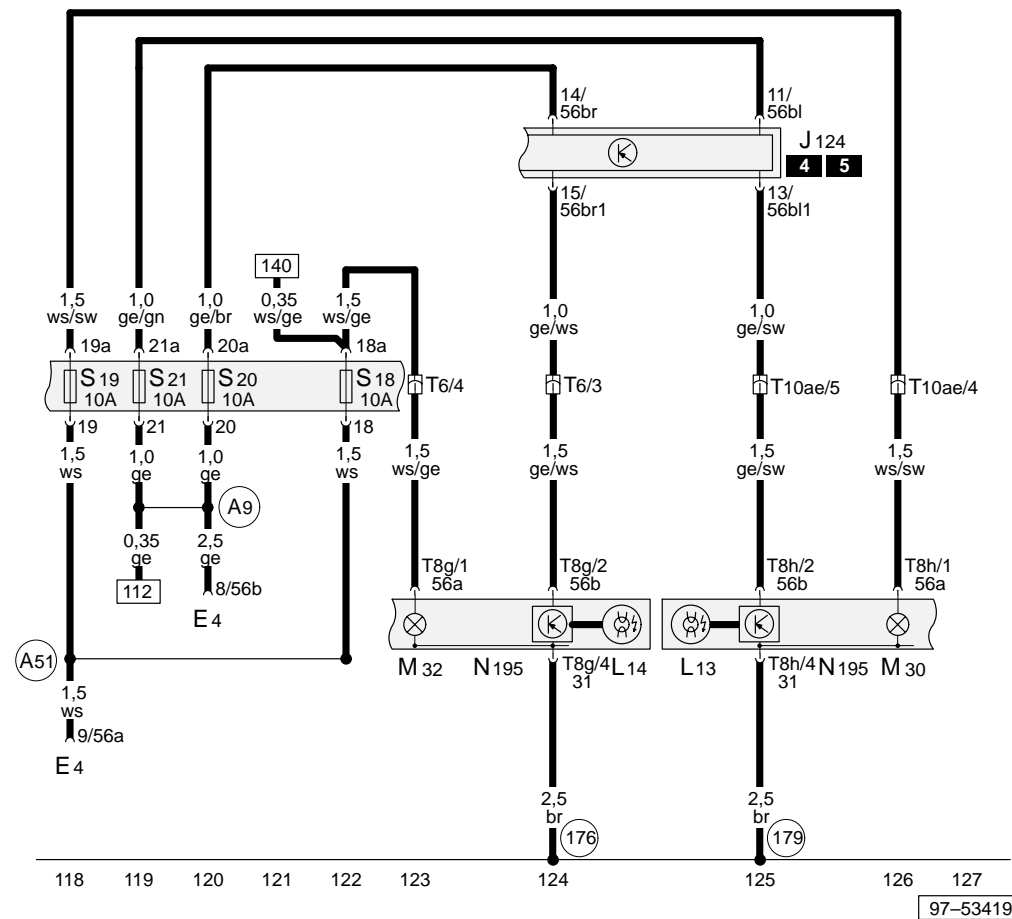
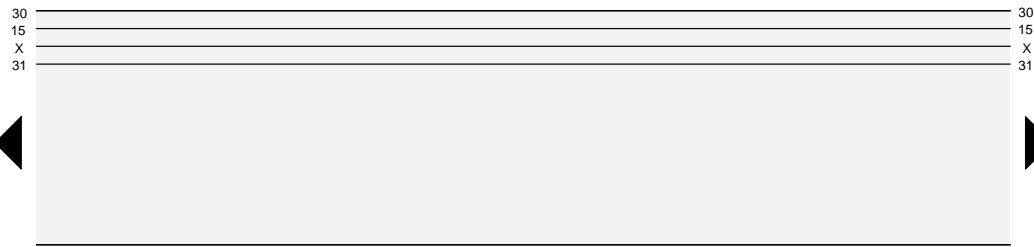
97-53418

### Fuse box, headlights

- E4 - Headlight dipper/flasher switch
- J124 - Bulb monitoring device, rear
- L13 - Left gas discharge lamp
- L14 - Right gas discharge lamp
- M30 - Main beam bulb, left
- M32 - Main beam bulb, right
- N195 - Gas discharge lamp starter unit
- S18 - Fuse in fuse box
- S19 - Fuse in fuse box
- S20 - Fuse in fuse box
- S21 - Fuse in fuse box
- T6 - 6-pin connector, light pink, right connector point, A pillar
- T8g - 8-pin connector, headlight, right
- T8h - 8-pin connector, headlight, left
- T10ae - 10-pin connector, light pink, left connector point, A pillar

- (176) - Earth connection, in right headlight wiring harness
- (179) - Earth connection, in left headlight wiring harness
- (A9) - Positive (+) connection (56b), in dash panel wiring harness
- (A51) - Connection (56), 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



97-53419

**Dash panel insert, vehicle speed sender, fuel gauge sender, fuel pump, oil pressure switch, combi-processor in dash panel insert, oil temperature sender**

- F1 - Oil pressure switch
  - F66 - Coolant shortage indicator switch
  - G - Fuel gauge sender
  - G6 - Fuel pump
  - G8 - Oil temperature sender
  - G22 - Speedometer sender (Hall sender, on gearbox)
  - J218 - Combi-processor in dash panel insert
  - K1 - Main beam warning lamp
  - K2 - Alternator warning lamp
  - K132 - Electronic power control fault lamp
  - T2x - 2-pin connector, black, in engine compartment, left
  - T6e - 6-pin connector, blue, left connector point, A pillar
  - T10a - 10-pin connector, brown, left connector point, A pillar
  - T10m - 10-pin connector, black, connector point, electronics box, plenum chamber
  - T10ao - 10-pin connector, white, left connector point, A pillar
  - 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
  - (83) - Earth connection -1-, in front right wiring harness
  - (86) - Earth connection -1-, in rear wiring harness
  - (199) - Earth connection -3-, in dash panel wiring harness

\* - Applicable for 1999 model year only  
 \*\* - Applicable from model year 2000

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

