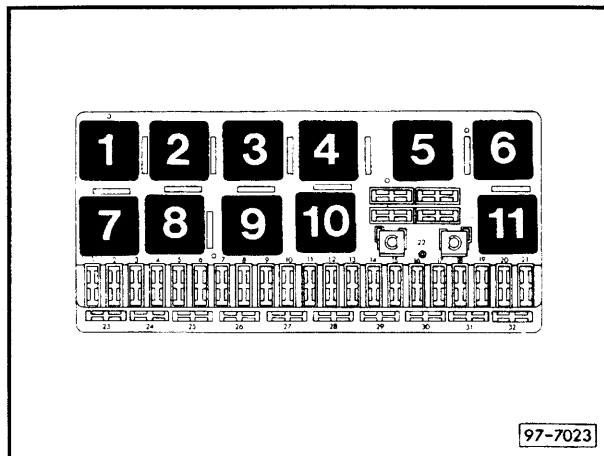


Audi 80 (2.8 litre fuel injection engine, 128 kW, Multi-point injection, 6-cylinder) Engine code letters AAH

from July 1993

Position of relays,
also see "Fitting Locations"

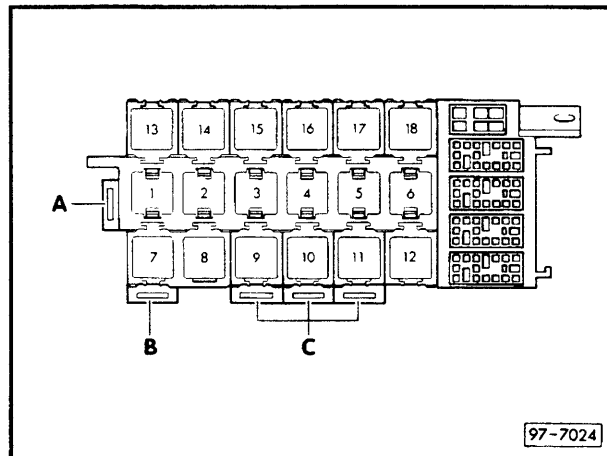
Relay plate with fuse holder:



Position of relays:

- 1** – Relay for fog lights
- 2** – not used
- 3** – not used
- 4** – Relay for headlight washer system
- 5** – Relief relay for X contact
- 6** – not used
- 7** – Relay for horn
- 8** – Bridge connection with manual gearbox/
relay with anti-theft alarm system
- 9** – Relay for intermittent wash/wipe system
- 10** – Fuel pump relay
- 11** – Relay for radiator fan, 1st stage

Auxiliary relay carrier, front
(under dash panel, left)



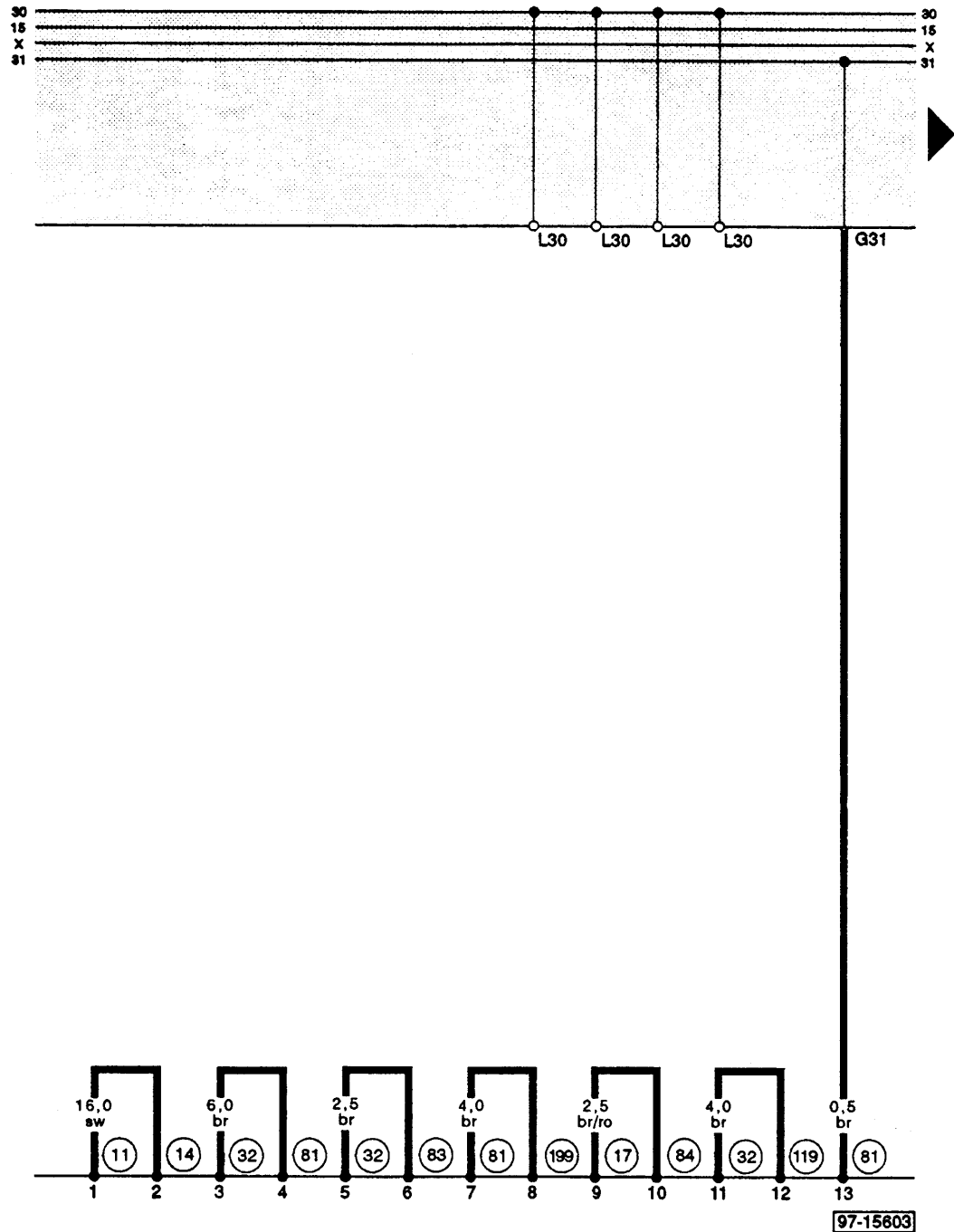
Position of relays:

- 7** – Control unit for fuel gauge damper
- 18** – Relay for radiator fan, 3rd stage

Fuse colours

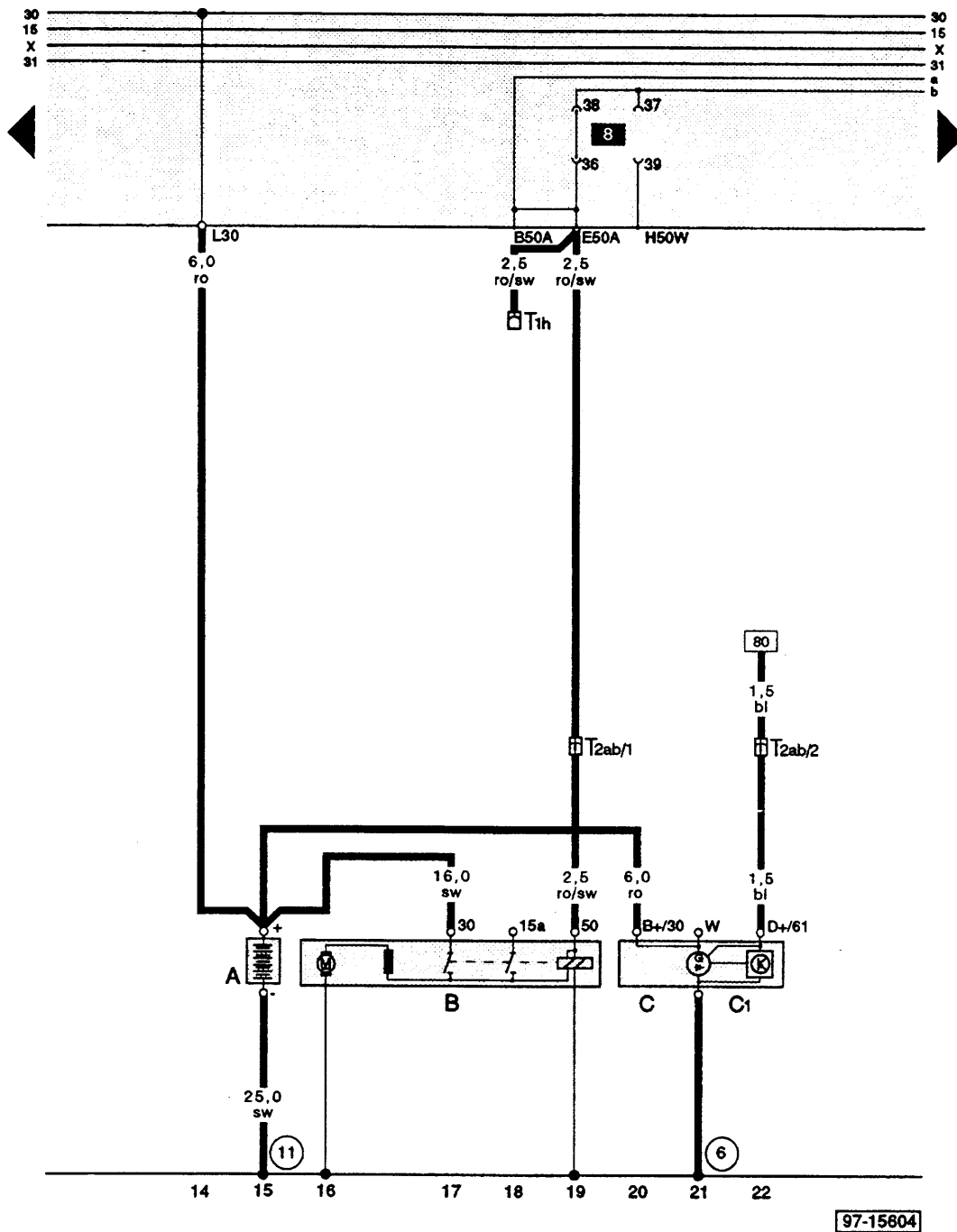
- 30 A – green
- 25 A – colourless (white)
- 20 A – yellow
- 15 A – blue
- 10 A – red
- 5 A – beige

Earth connections



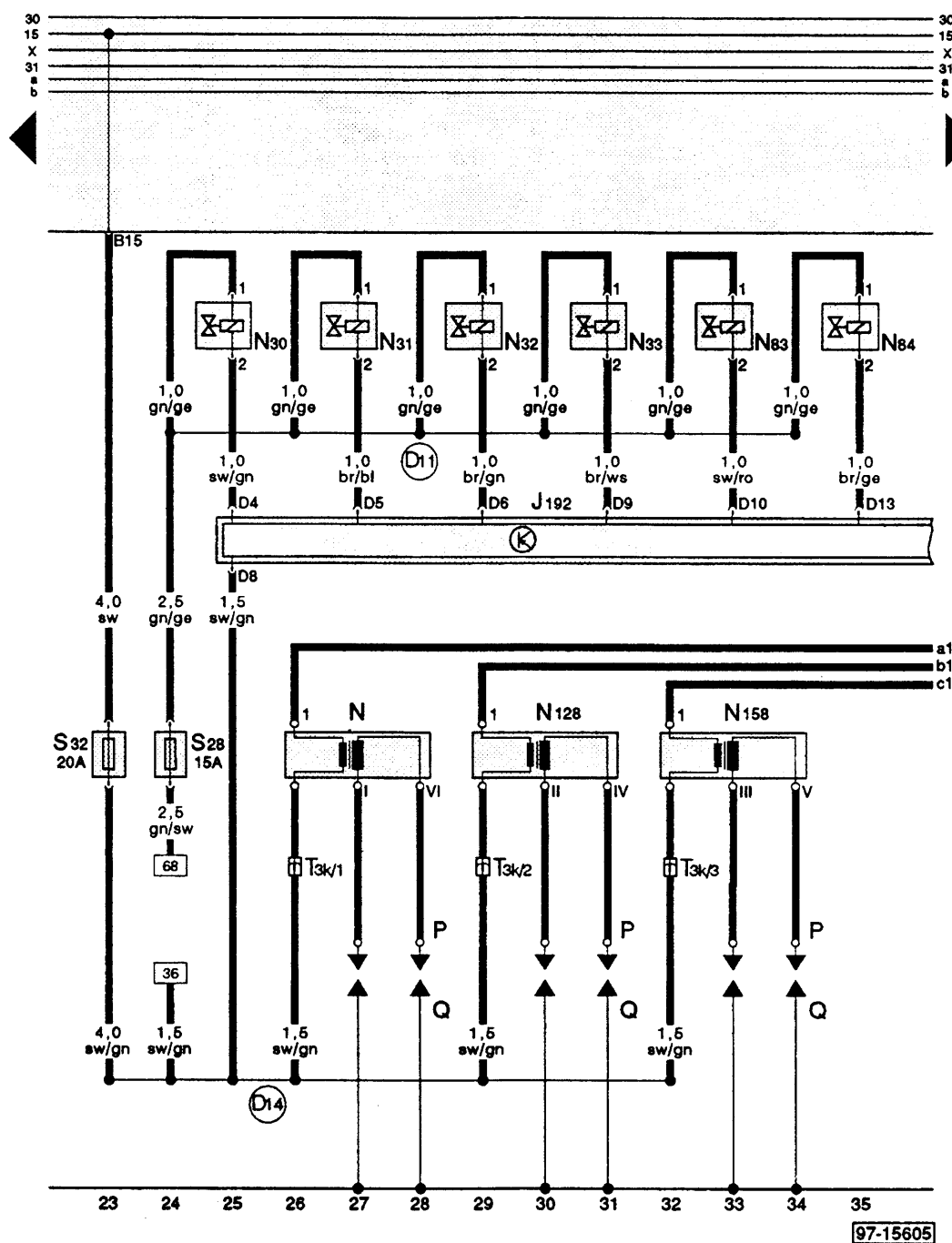
- ⑪ – Earth point, in battery box
- ⑭ – Earth point, on gearbox
- ⑰ – Earth point, on intake manifold
- ⑳ – Earth point, behind dash panel, left
- ㉑ – Earth connection – 1 –, in dash panel wiring loom
- ㉒ – Earth connection – 1 –, in front right wiring loom
- ㉓ – Earth connection, engine block, in front right wiring loom
- ㉔ – Earth connection – 1 –, in headlight wiring loom
- ㉕ – Earth connection – 3 –, in dash panel wiring loom

Battery, starter, alternator



- A – Battery
- B – Starter
- C – Alternator
- C 1 – Voltage regulator
- T 1h – Connector single, red, behind dash panel, left
- T 2ab – Connector 2 pin, grey, near starter
- ⑥ – Earthing strap, engine – alternator
- ⑪ – Earth point, in battery box

Electronic fuel injection, injectors, ignition



J 192 – Multi-point injection control unit

N – Ignition coil

N 30 – Injector, cylinder 1

N 31 – Injector, cylinder 2

N 32 – Injector, cylinder 3

N 33 – Injector, cylinder 4

N 83 – Injector, cylinder 5

N 84 – Injector, cylinder 6

N 128 – Ignition coil 2

N 158 – Ignition coil 3

P – Spark plug connector

Q – Spark plugs

S 28 – Separate fuse for engine systems II, injectors (in additional fuse holder)

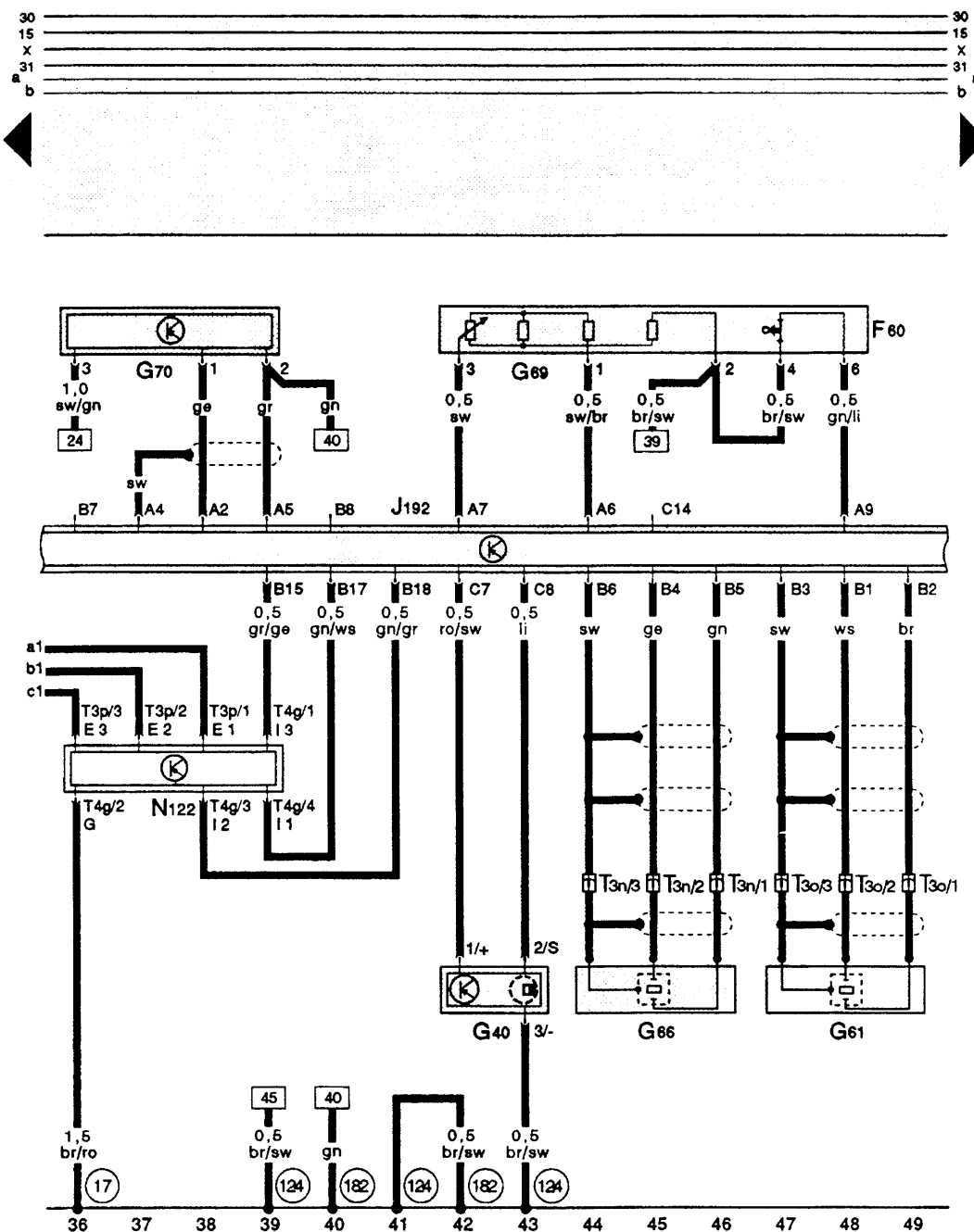
S 32 – Fuse in additional fuse holder (ignition coil and engine systems I)

T 3k – Connector 3 pin, white, for ignition coils

Ⓛ11 – Positive (+) connection (15) via fuse 28 in front right wiring loom

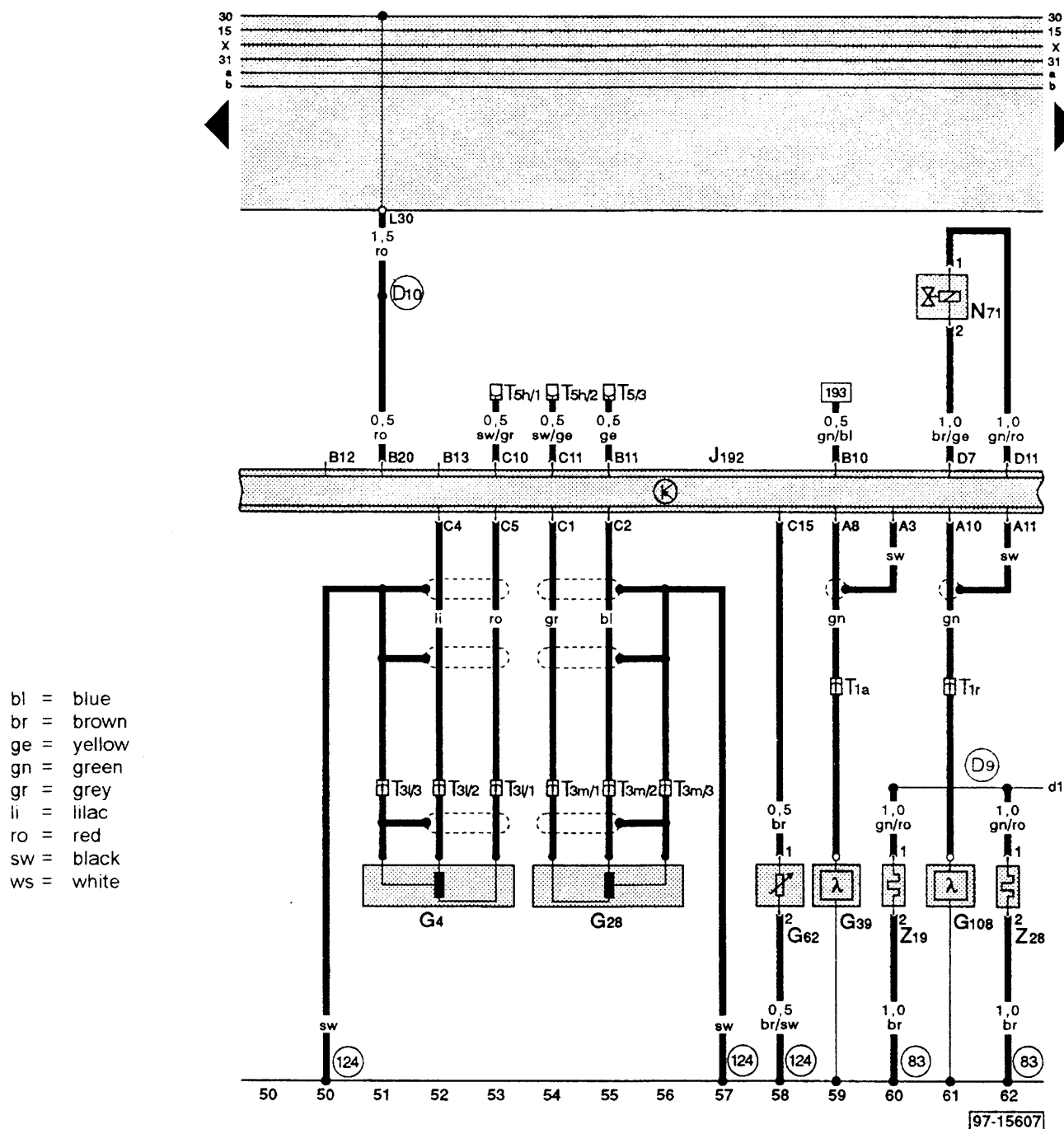
Ⓛ14 – Connection (ignition coil – control unit), in front right wiring loom

Electronic fuel injection, ignition system, knock control



- F 60 - Idling switch
 G 40 - Hall sender
 G 61 - Knock sensor I
 G 66 - Knock sensor II
 G 69 - Throttle valve potentiometer
 G 70 - Air mass meter
 J 192 - Control unit for Multi-point injection
 N 122 - Power end stage
 T 3n - Connector, 3-pin, green, for knock sensor, left
 T 3o - Connector, 3-pin, blue, for knock sensor, right
 T 3p - Connector, 3-pin, for ignition end stage, ignition coils
 T 4g - Connector, 4-pin, brown, for ignition end stage
 17 - Earth point, on intake manifold
 124 - Earth connection, in engine compartment wiring loom, right
 182 - Earth connection -1-, in engine compartment wiring loom - 6-cylinder

Electronic fuel injection, Lambda probes

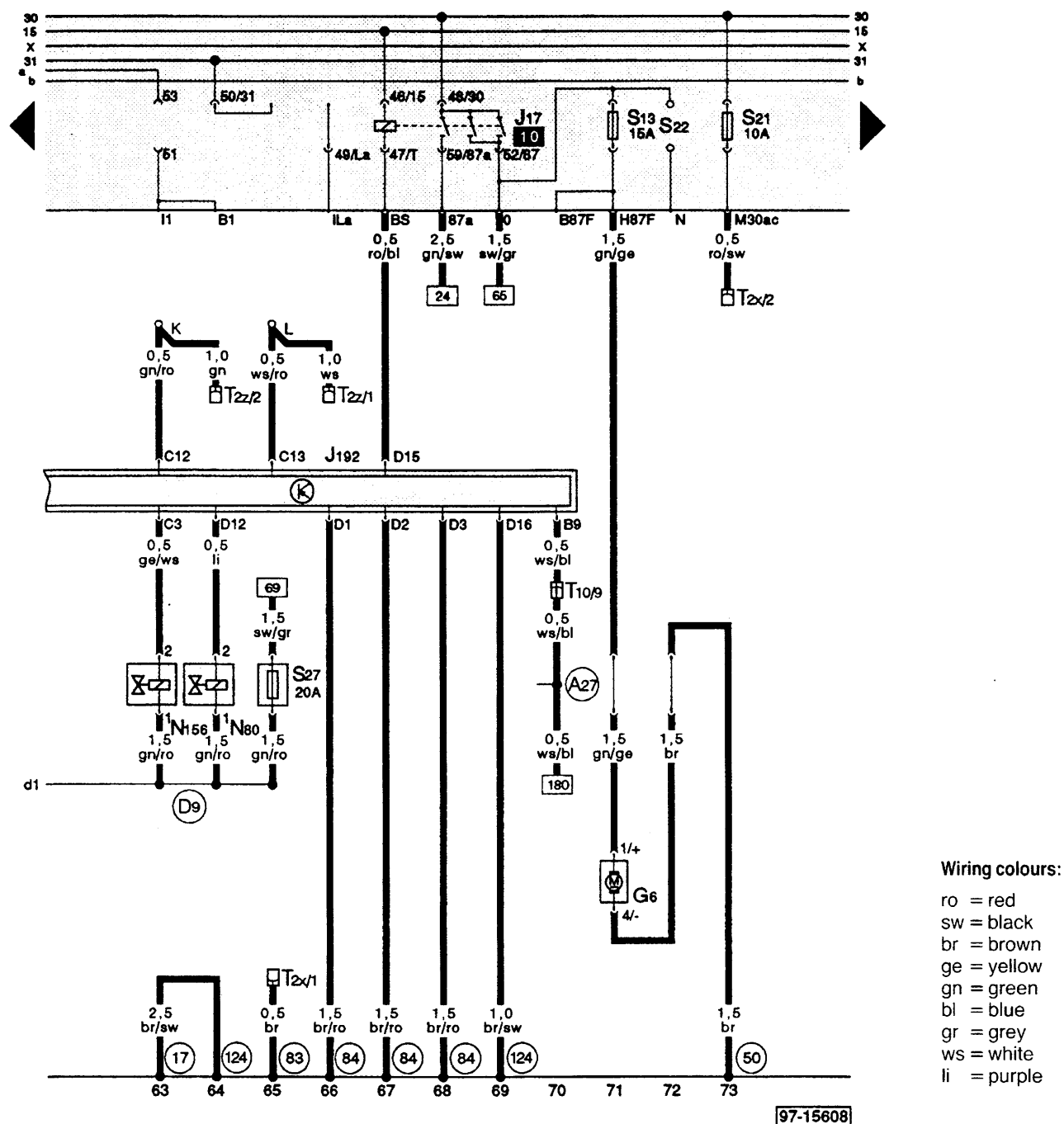


- G 4 - Firing point sender
- G 28 - Engine speed sender
- G 39 - Lambda probe
- G 62 - Coolant temperature sender
- G 108 - Lambda probe II
- J 192 - Multi-point injection control unit
- N 71 - Idling speed stabilisation valve
- T 1a - Connector, single, in engine compartment, right
- T 1r - Connector, single, in engine compartment, right
- T 3l - Connector, 3-pin, black, for firing point sender
- T 3m - Connector, 3-pin, grey, for engine speed sender
- T 5 - Connector, 5-pin, black, connector point in aux. relay carrier

- T 5h - Connector, 5-pin, red, behind dash panel, left
- Z 19 - Heating for Lambda probe
- Z 28 - Heating for Lambda probe II

- (83) - Earth connection -1-, in front right wiring loom
- (124) - Earth connection, in engine compartment wiring loom, right
- (D9) - Positive (+) connection (15) via fuse 27 in front right wiring loom
- (D10) - Positive (+) connection (30) in front right wiring loom

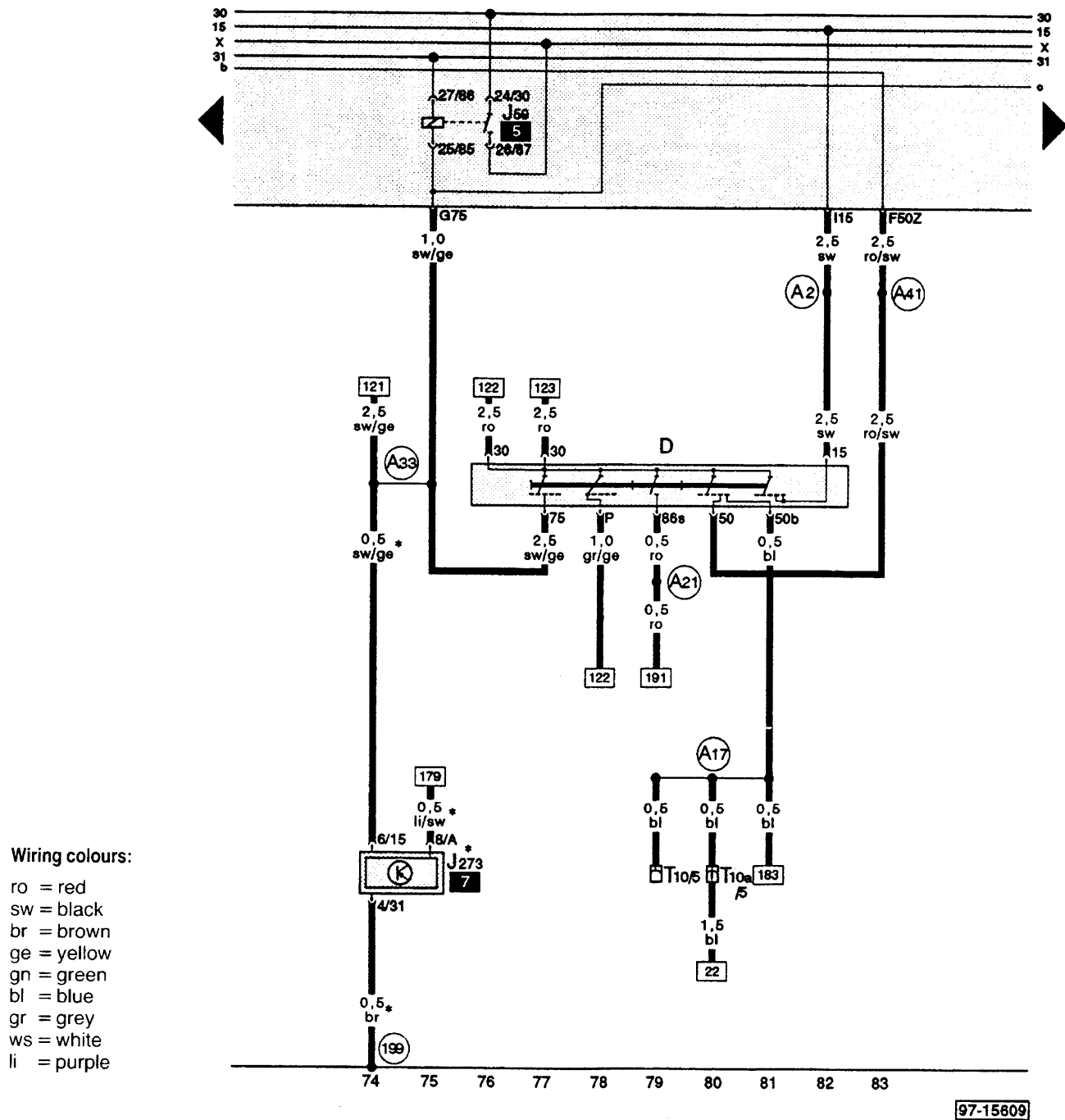
Electronic fuel injection, fuel pump relay, fuel pump



- G 6 – Fuel pump
- J 17 – Fuel pump relay
- J 192 – Multi-point injection control unit
- N 80 – Activated charcoal filter system solenoid valve I (pulsed)
- N 156 – Intake manifold change-over valve
- S 27 – Fuse in additional fuse holder (engine systems I – for electronic ignition system)
- T 2x – Connector 2 pin, black, in plenum chamber near relay plate (diagnosis plug)
- T 2z – Connector 2 pin, white, in plenum chamber near relay plate (diagnosis plug)
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- (17) – Earth point, on intake manifold
- (50) – Earth point, luggage boot, left
- (83) – Earth connection – 1 –, in front right wiring loom

- (84) – Earth connection, engine block, in front right wiring loom
 - (124) – Earth connection, in wiring loom engine compartment, right
 - (A27) – Connection (speed signal), in dash panel wiring loom
 - (D9) – Positive (+) connection (15) via fuse 27 in front right wiring loom
 - K – Wiring adapter for diagnosis plug (K-wiring)
 - L – Wiring adapter for diagnosis plug (L-wiring)
- Note:** Wiring adapters are screwed onto frame of relay carrier (in plenum chamber)

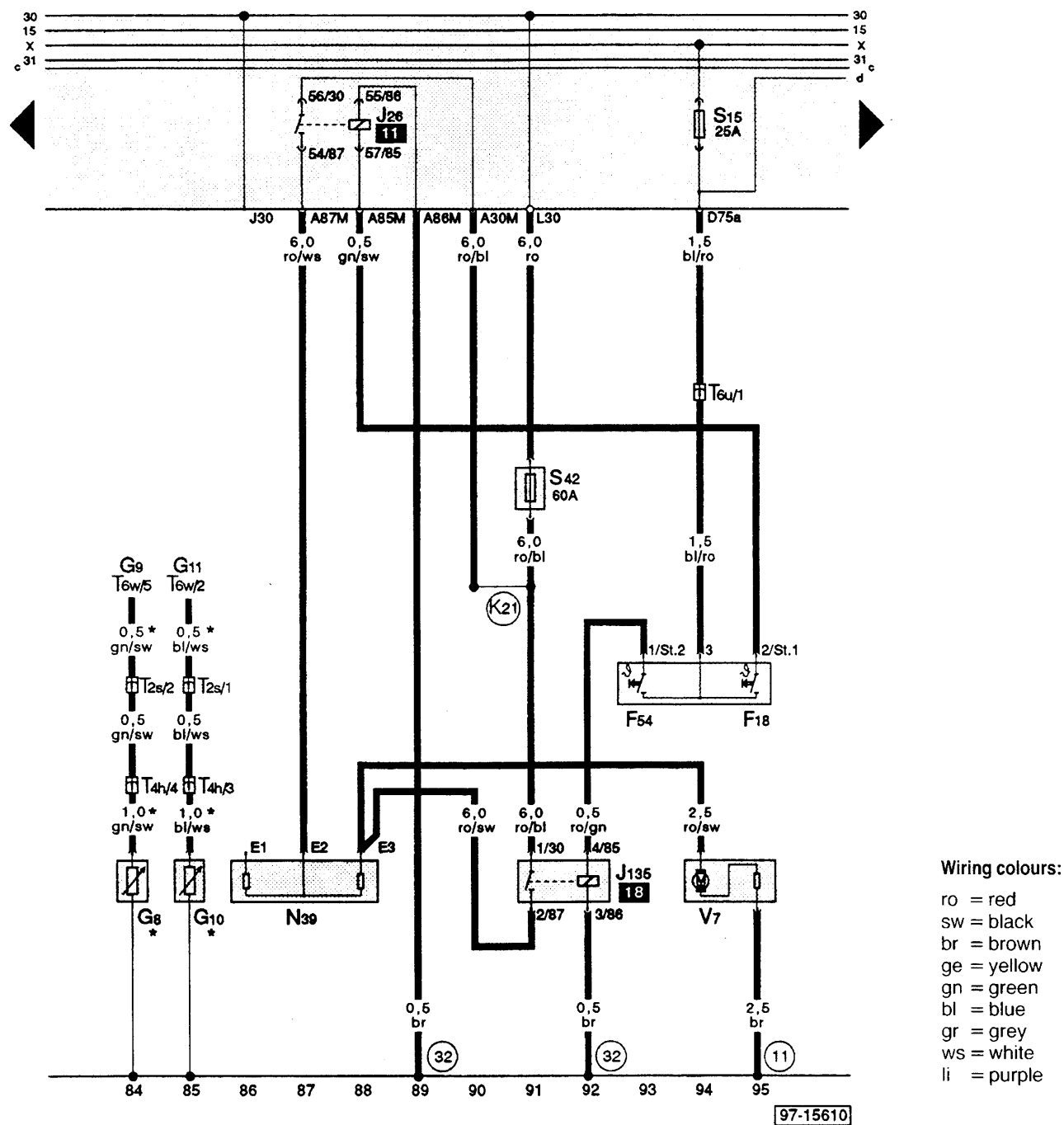
Ignition/starter switch, fuel gauge damper, relief relay for X-contact



97-15609

- D – Ignition/starter switch
- J 59 – Relief relay for X-contact
- J 273 – Control unit for fuel gauge damper
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- T 10a – Connector 10 pin, yellow, connector point in aux. relay carrier
- (199) – Earth connection – 3 –, in dash panel wiring loom
- (A2) – Positive (+) connection (15), in dash panel wiring loom
- (A17) – Connection (61), in dash panel wiring loom
- (A21) – Connection (86s), in dash panel wiring loom
- (A33) – Connection (75), in dash panel wiring loom
- (A41) – Positive (+) connection (50), in dash panel wiring loom
- * – only on vehicles with four-wheel drive

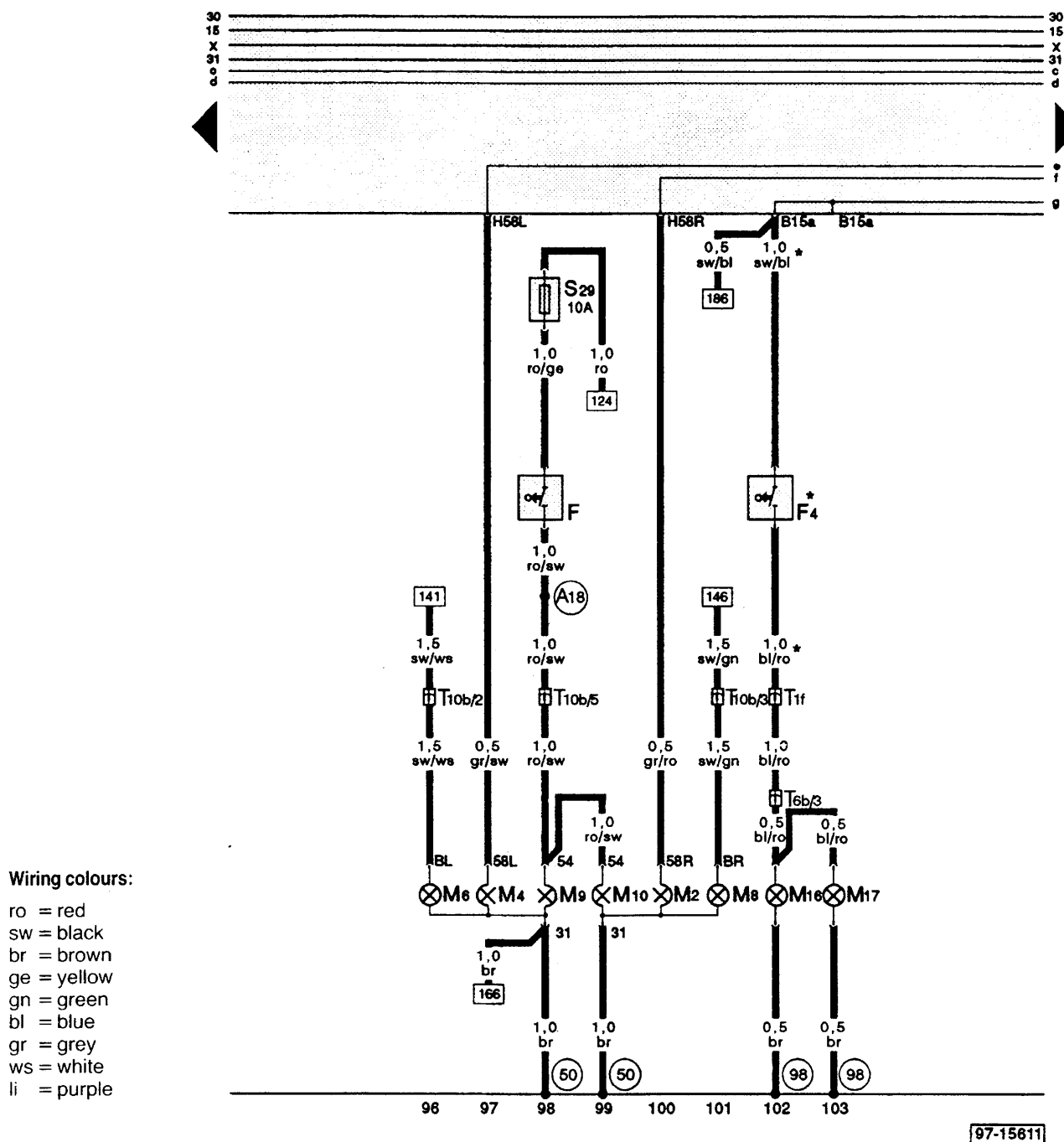
Radiator fan, additional instruments



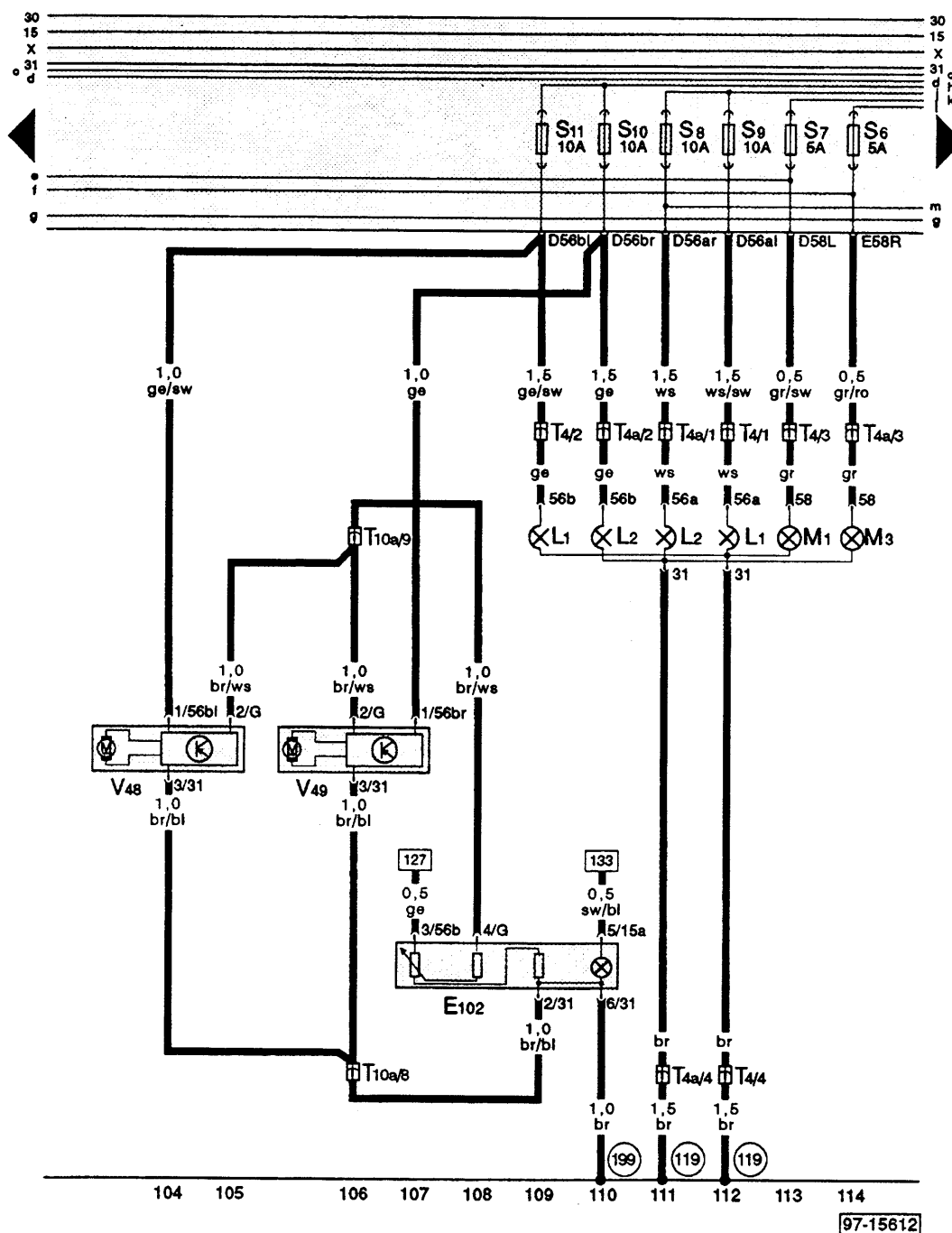
- F 18 – Radiator fan thermo switch
- F 54 – Radiator fan thermo switch
- G 8 – Oil temperature sender
- G 9 – Oil temperature gauge
- G 10 – Oil pressure sender
- G 11 – Oil pressure gauge
- J 26 – Radiator fan relay, 1st stage
- J 135 – Relay for radiator fan (full speed)
- N 39 – Radiator fan series resistance
- S 42 – Separate fuse for radiator fan
- T 2s – Connector 2 pin, brown, behind console
- T 4h – Connector 4 pin, black, in engine compartment, right
- T 6u – Connector 6 pin, green, behind dash panel, left
- T 6w – Connector 6 pin, white, behind console
- ① – Earth point, in battery box
- ③ – Earth point, behind dash panel, left

- ③ – Earth connection – 3 –, in dash panel wiring loom
- ① – Connection – 1 –, in radiator fan wiring loom
- * – only when equipped with additional instruments

Tail lights, brake lights, reversing lights

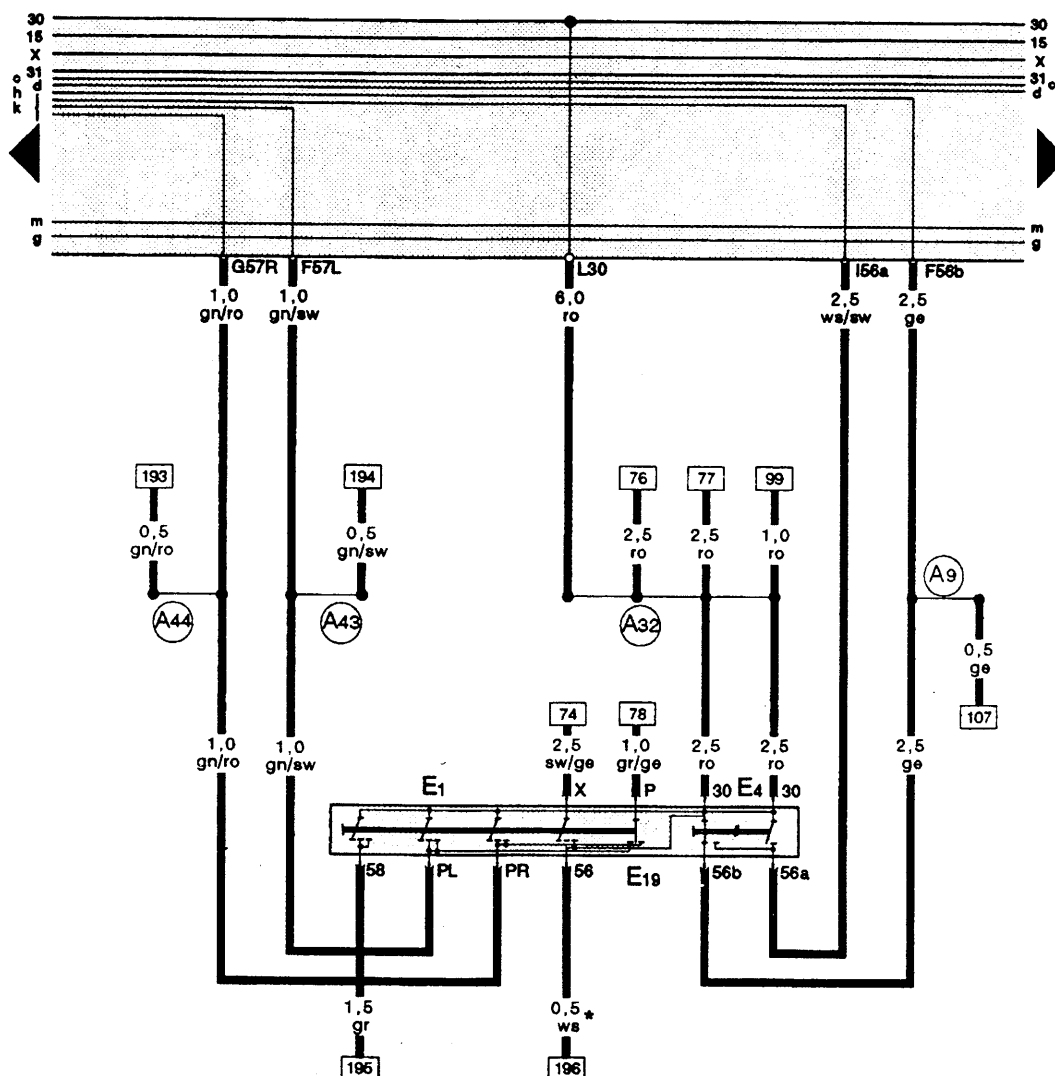


Headlights, side lights, headlight beam adjustment



- E 102 – Headlight beam adjuster
 L 1 – Twin filament bulb, for left headlight
 L 2 – Twin filament bulb, for right headlight
 M 1 – Side light bulb, left
 M 3 – Side light bulb, right
 T 4 – Connector 4 pin, near headlight, left
 T 4a – Connector 4 pin, near headlight, right
 T 10a – Connector 10 pin, brown, connector point in aux. relay carrier
 V 48 – Motor left for beam adjustment
 V 49 – Motor right for beam adjustment
 (119) – Earth connection – 1 –, in headlight wiring loom
 (199) – Earth connection – 3 –, in dash panel wiring loom

Lighting switch, headlight dipper/flasher and parking light switches



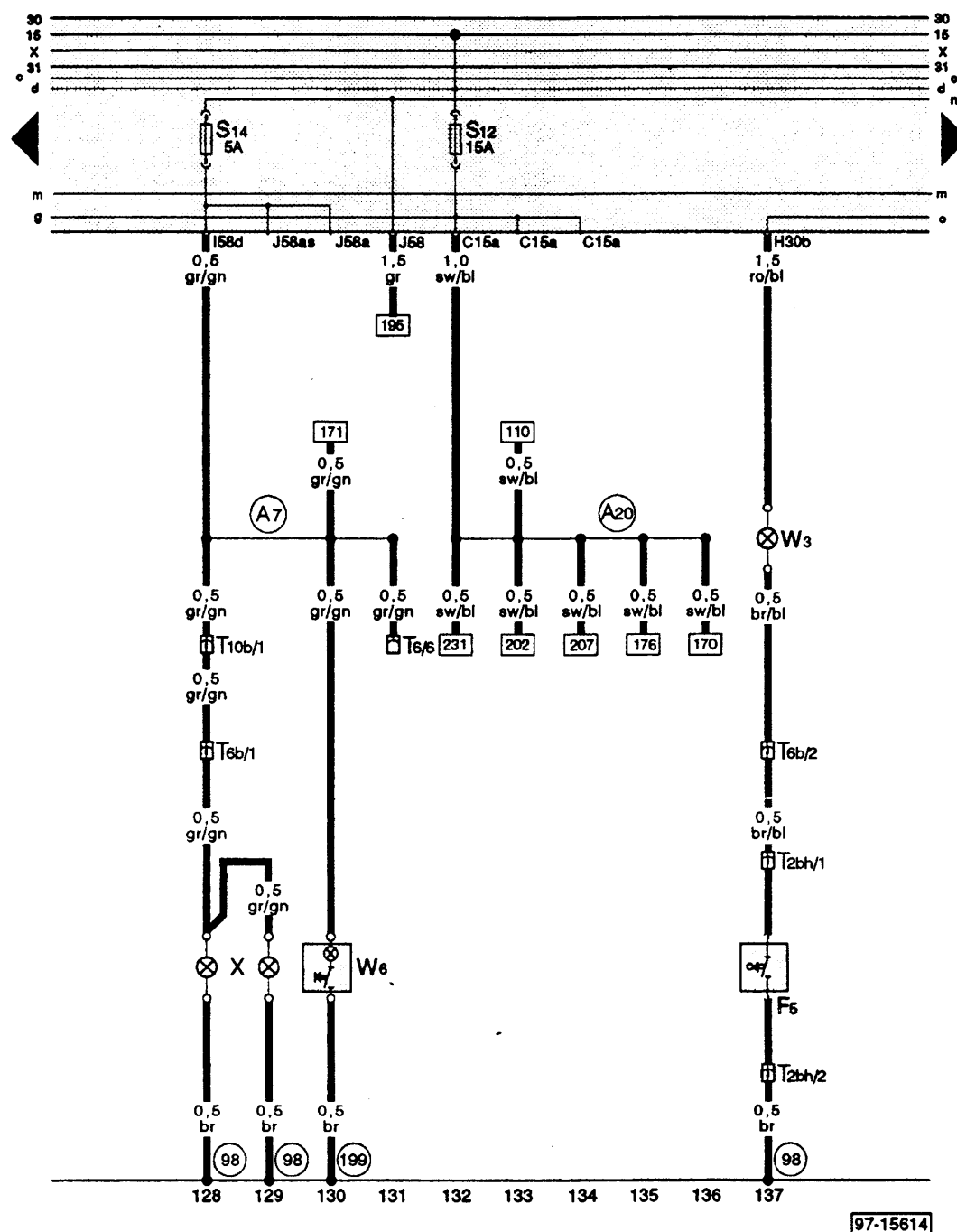
Wiring colours:

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

115 116 117 118 119 120 121 122 123 124 125 126 127
 97-15613

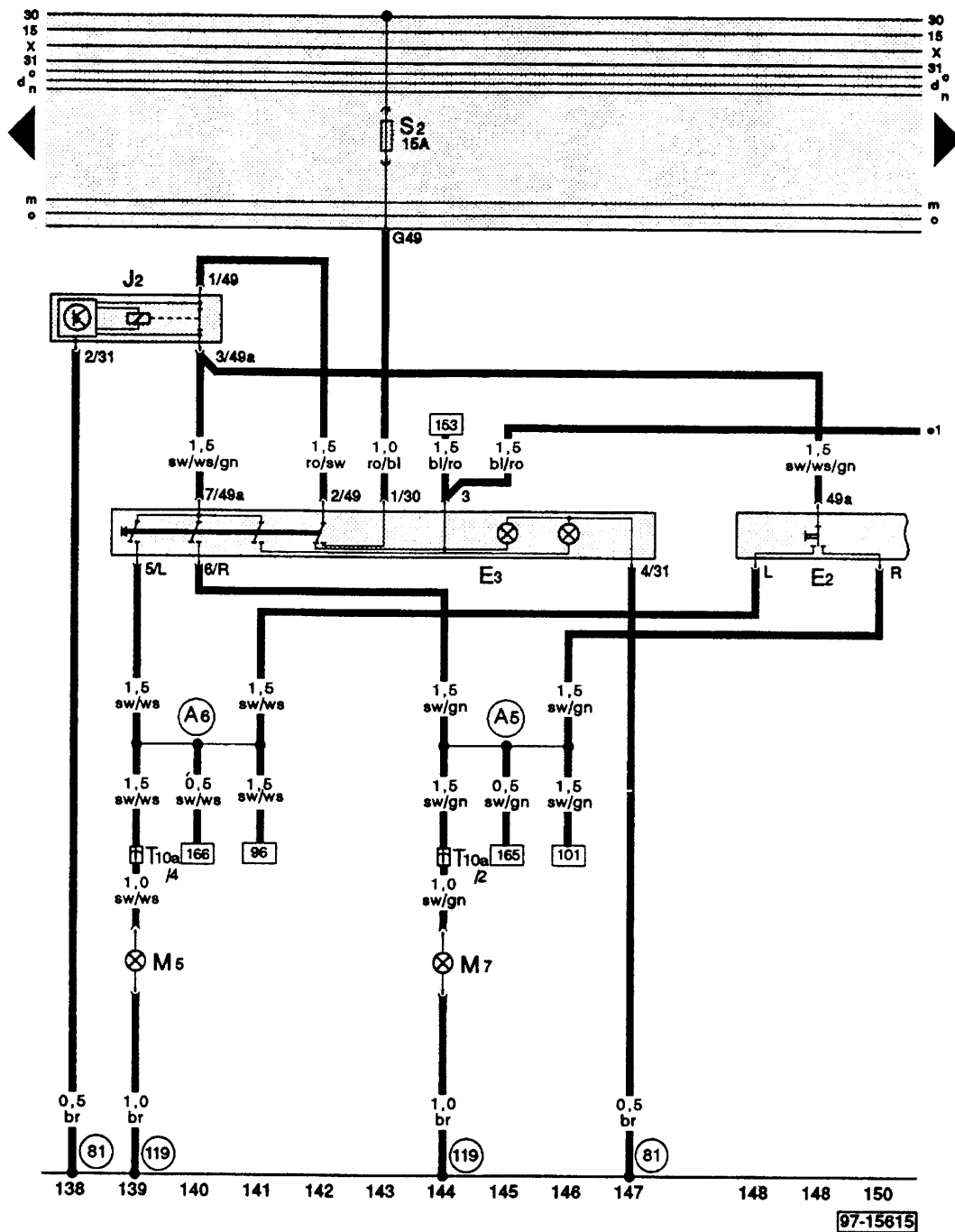
- E 1 – Lighting switch
 E 4 – Headlight dipper/flasher switch
 E 19 – Parking light switch
 (A9) – Positive (+) connection (56 b), in dash panel wiring loom
 (A32) – Positive connection (30), in dash panel wiring loom
 (A43) – Connection (57L), in dash panel wiring loom
 (A44) – Connection (57r), in dash panel wiring loom
 * – only on versions for Italy

Glove box light, luggage boot light, number plate light



- F 5 – Luggage boot light switch
- T 2bh – Connector 2 pin, white, in tailgate lock
- T 6 – Connector 6 pin, black
- T 6b – Connector 6 pin, black, in luggage boot, left
- T 10b – Connector 10 pin, brown, connector point in aux. relay carrier
- W 3 – Luggage boot light
- W 6 – Glove box light
- X – Number plate light
- ⑨8 – Earth connection, in tailgate wiring loom
- ①99 – Earth connection – 3 –, in dash panel wiring loom
- Ⓐ7 – Positive (+) connection (58 D1), in dash panel wiring loom
- Ⓐ20 – Connection (15a), in dash panel wiring loom

Turn signals and emergency lights



- E 2 – Turn signal switch
- E 3 – Emergency light switch
- J 2 – Emergency light relay
- M 5 – Front left turn signal bulb
- M 7 – Front right turn signal bulb
- T 10a – Connector 10 pin, yellow, connector point in aux. relay carrier
- Ⓢ1 – Earth connection – 1 –, in dash panel wiring loom
- Ⓢ19 – Earth connection – 1 –, in headlight wiring loom
- Ⓢ5 – Positive (+) connection (turn signal, right), in dash panel wiring loom
- Ⓢ6 – Positive (+) connection (turn signal, left), in dash panel wiring loom

30
15
X
31
d

30
15
X
31
m

175aw 1.5 bl/ro 154

C53e 1.0 gn

CJ 1.0 ws/ge

C53c 1.0 sw/li

C31b 1.0 gn/li

B53c 0.5 gn/ro

DP 2.5 ro

G30a 0.5 br/ge

G71 1.5 sw/ge

E87h 1.5 sw/ge

42/31b 43/15 44/31 J31 9

46/53e 45/J 41/53c

23/31 22/56 19/30 J39 4

20/S 21/P

S3 26A

33/86 34/30 J4 7

35/86 32/87

1.5 bl/ro 53a 53e J 53c

53b 53

E22

1.0 gn/ge 1.0 sw/gr

T6/2 T6/1 144 151

1.5 bl/ro 1.5 bl/ro

T6/3 1.0 bl/ro 0.5* bl/ro

1.0 gn/ge 1.0 sw/gr

53b 53 53a 53e

V

31 1.0 br

T6/5 0.5 br* 1.5 br

160 81

151 152 153 154 155 156 157 158 159 160 161 162 163 164

1.0 gn/ge 1.0 sw/gr

53b 53

1.0 bl/ro 0.5* bl/ro

1.0 gn/li 0.5 gn/ro

2/53c

V5

1/31

0.5 br

119

2.5 ro

V11

0.5 br

32

151

0.5* br 0.5 br*

T2t/1 T2g/1

T2t/2 T2g/2

0.5 br*

119

119

H H2 H7

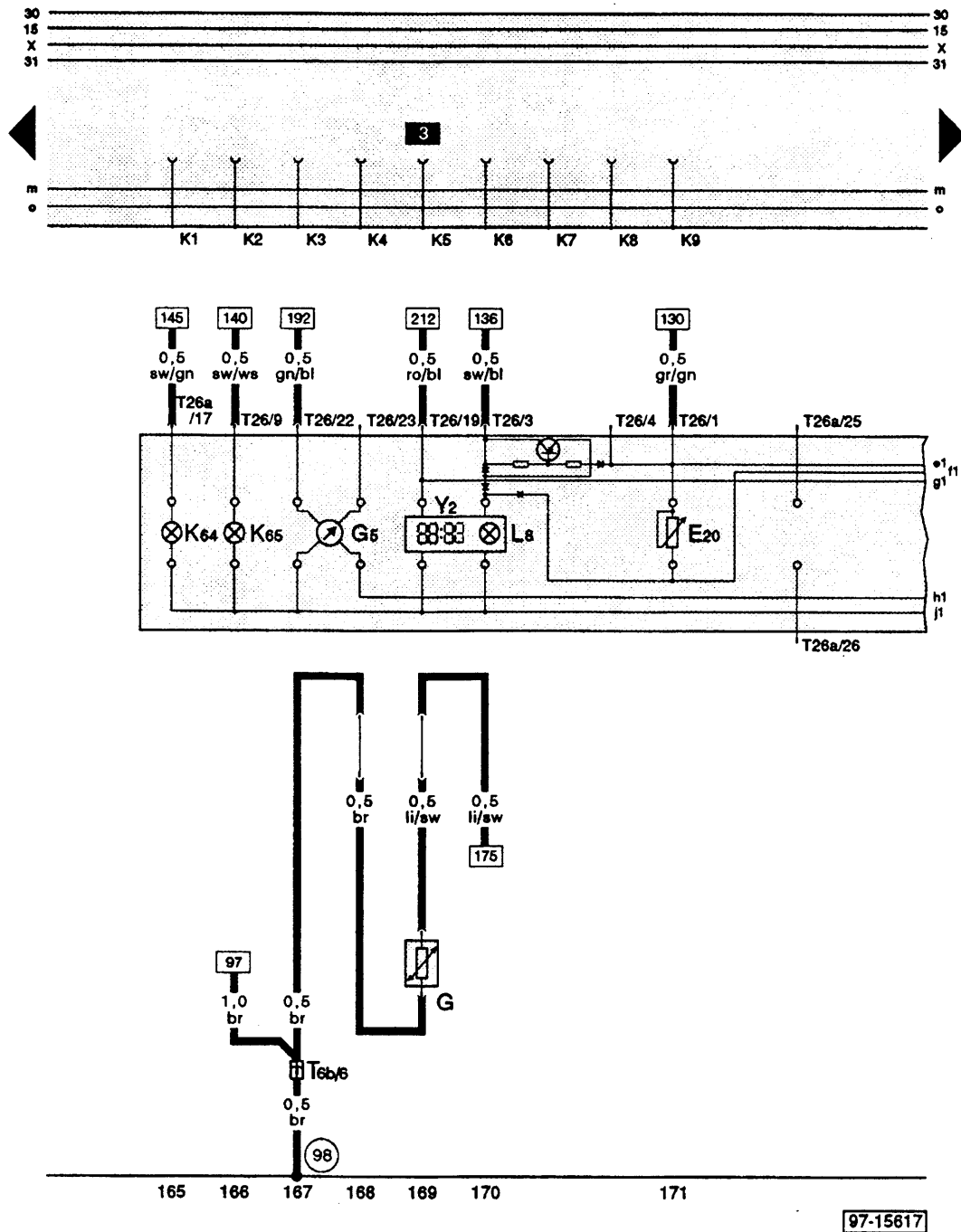
1.5 br 1.5 br

119 119

97-15618

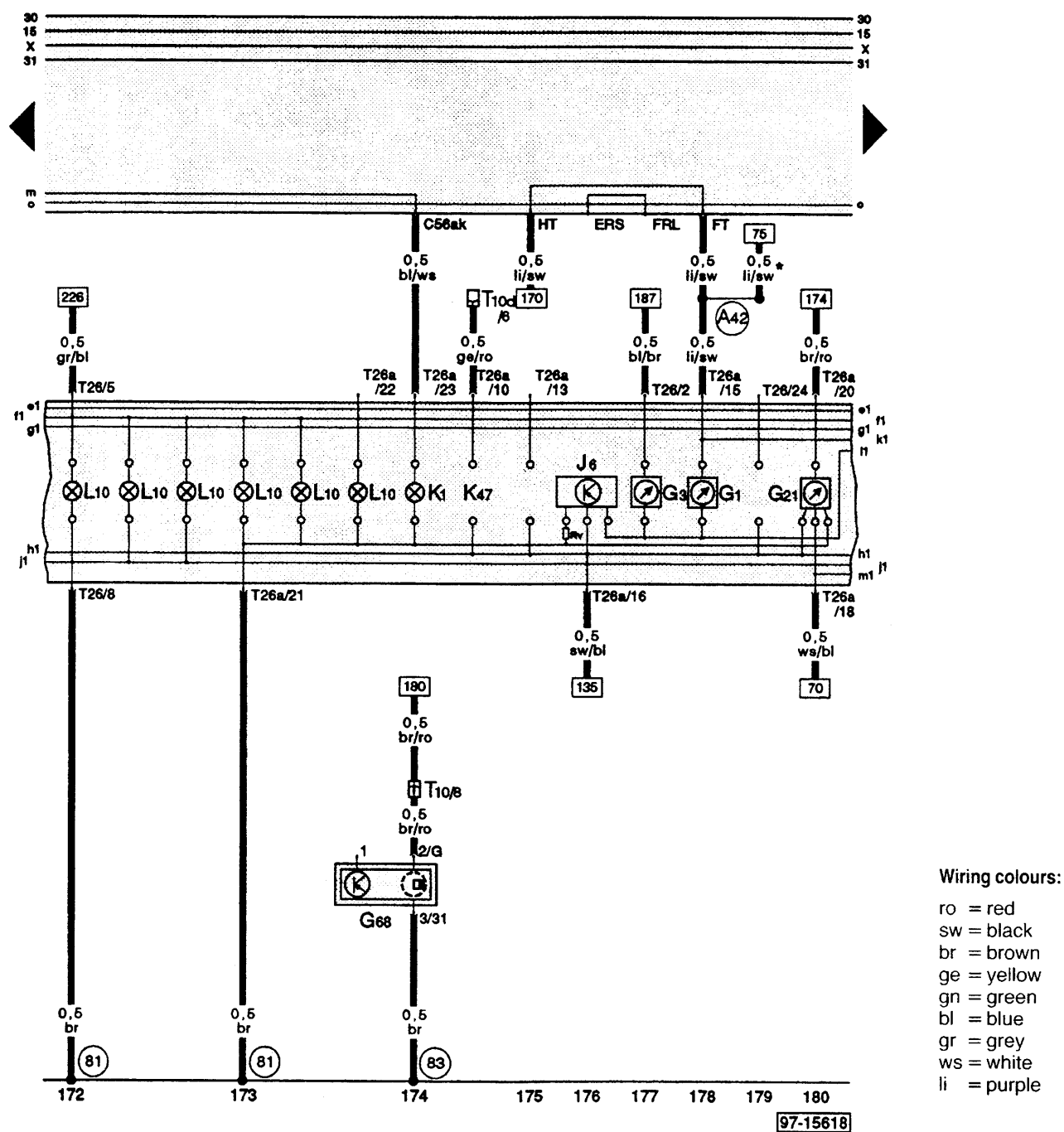
- Edition 07.93**
000.5463.01.20

Dash panel insert, rev counter, digital clock, instrument lighting control



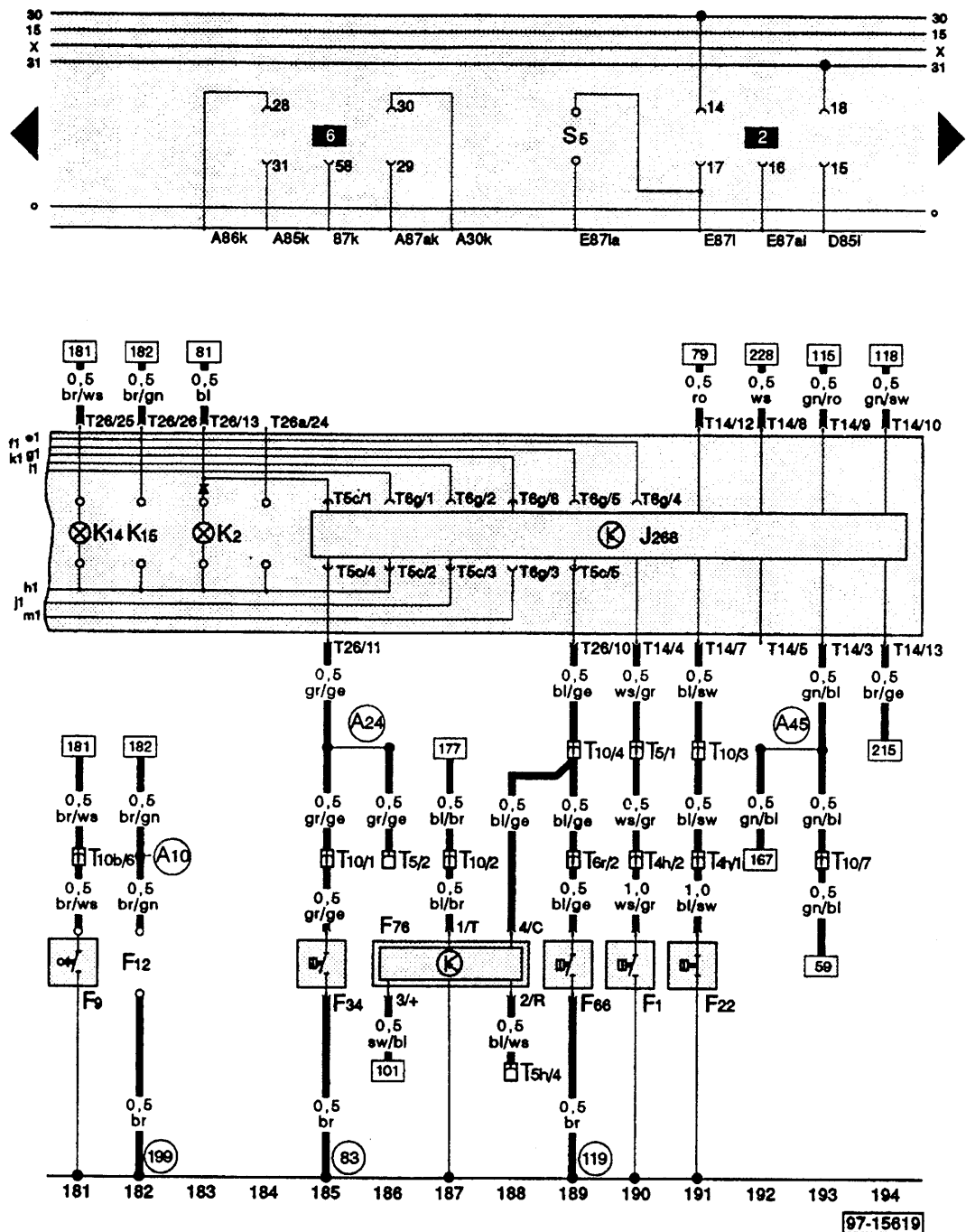
- E 20 – Switches and instruments – lighting control
- G – Fuel gauge sender
- G 5 – Rev. counter
- K 64 – Emergency light and right turn signal warning lamp
- K 65 – Left turn signal warning lamp
- L 8 – Clock light bulb
- T 6b – Connector 6 pin, black, in luggage boot, left
- T 26 – Connector 26 pin, yellow, on dash panel insert
- T 26a – Connector 26 pin, blue, on dash panel insert
- Y 2 – Digital clock
- ⊕ – Earth connection, in tailgate wiring loom

Dash panel insert, voltage stabiliser, coolant monitor, fuel gauge, speedometer



- G 1 – Fuel gauge
- G 3 – Coolant temperature gauge
- G 21 – Speedometer
- G 68 – Road speed sender
- J 6 – Voltage stabilizer
- K 1 – Main beam warning lamp
- K 47 – ABS warning lamp
- L 10 – Dash panel insert light bulb
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- T 10d – Connector 10 pin, blue, connector point in aux. relay carrier
- T 26 – Connector 26 pin, yellow, on dash panel insert
- T 26a – Connector 26 pin, blue, on dash panel insert
- ⑧1 – Earth connection – 1 –, in dash panel wiring loom
- ⑧3 – Earth connection – 1 –, in front right wiring loom
- Ⓐ2 – Connection (fuel gauge), in dash panel wiring loom
- * – only on vehicles with 4-wheel drive

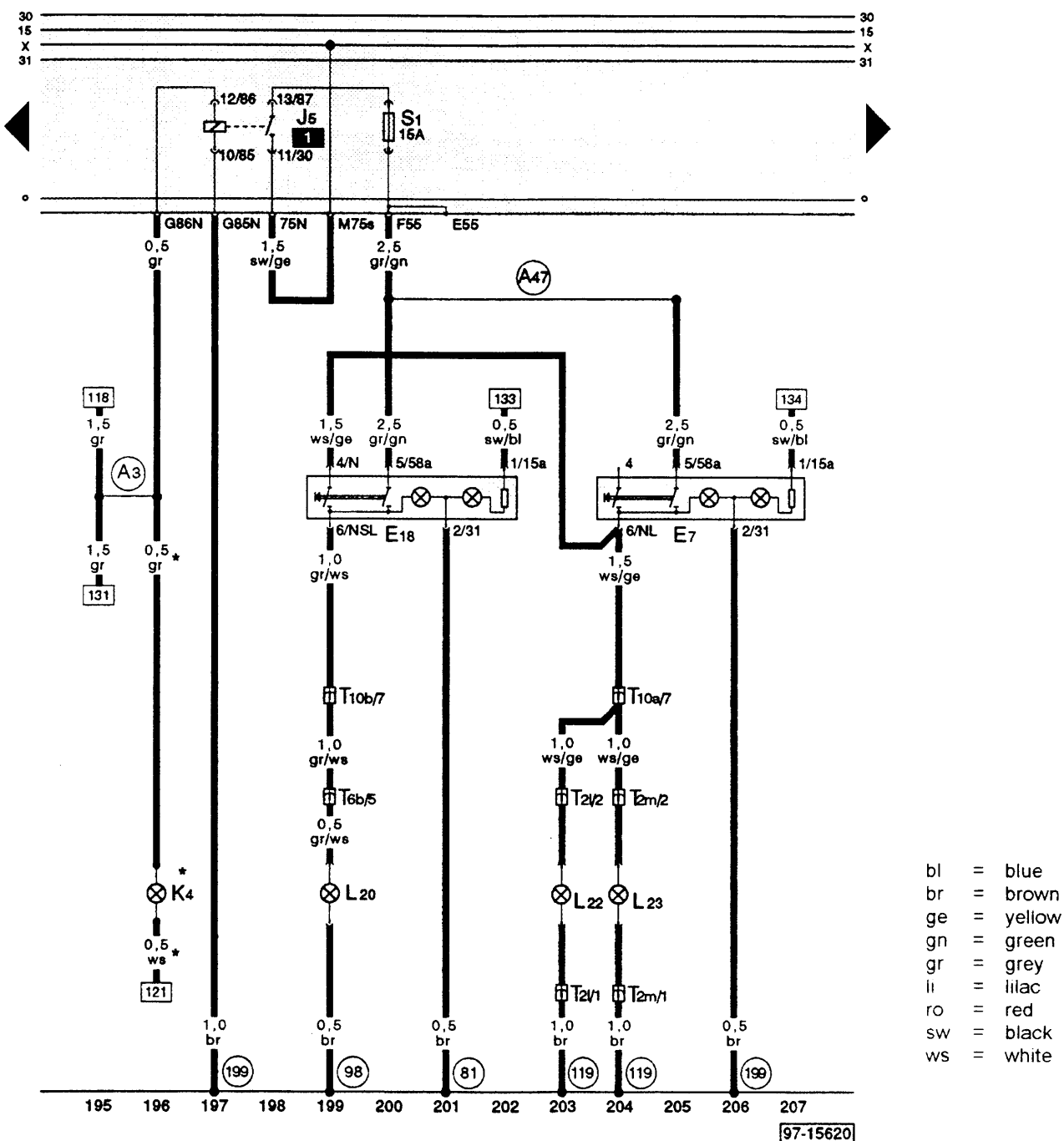
Dash panel insert, mini-check system, oil pressure warning lamp, coolant monitor



- F 1 – Oil pressure switch (2.5 bar)
- F 9 – Handbrake warning switch
- F 12 – Cold start warning system contact
- F 22 – Oil pressure switch (0.3 bar)
- F 34 – Brake fluid level warning contact
- F 66 – Coolant shortage indicator switch
- F 76 – Electronic thermoswitch
- J 268 – Control unit for mini-check-system
- K 2 – Alternator warning lamp
- K 14 – Handbrake warning lamp
- K 15 – Starting device warning lamp
- T 4h – Connector 4 pin, black, in engine compartment, right
- T 5 – Connector 5 pin, black, connector point in aux. relay carrier
- T 5c – Connector 5 pin, on dash panel insert
- T 5h – Connector 5 pin, red, behind dash panel, left
- T 6g – Connector 6 pin, on dash panel insert
- T 6r – Connector 6 pin, black, behind dash panel, left
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier

- T 10b – Connector 10 pin, brown, connector point in aux. relay carrier
- T 14 – Connector 14 pin, white, on dash panel insert (mini-check system)
- T 26 – Connector 26 pin, yellow, on dash panel insert
- T 26a – Connector 26 pin, blue, on dash panel insert
- (81) – Earth connection - 1 -, in dash panel wiring loom
- (83) – Earth connection - 1 -, in front right wiring loom
- (119) – Earth connection - 1 -, in headlight wiring loom
- (A10) – Connection (glow plug control) in dash panel wiring loom
- (A24) – Connection (brake system monitoring), in dash panel wiring loom
- (A45) – Connection (engine speed signal), in dash panel wiring loom

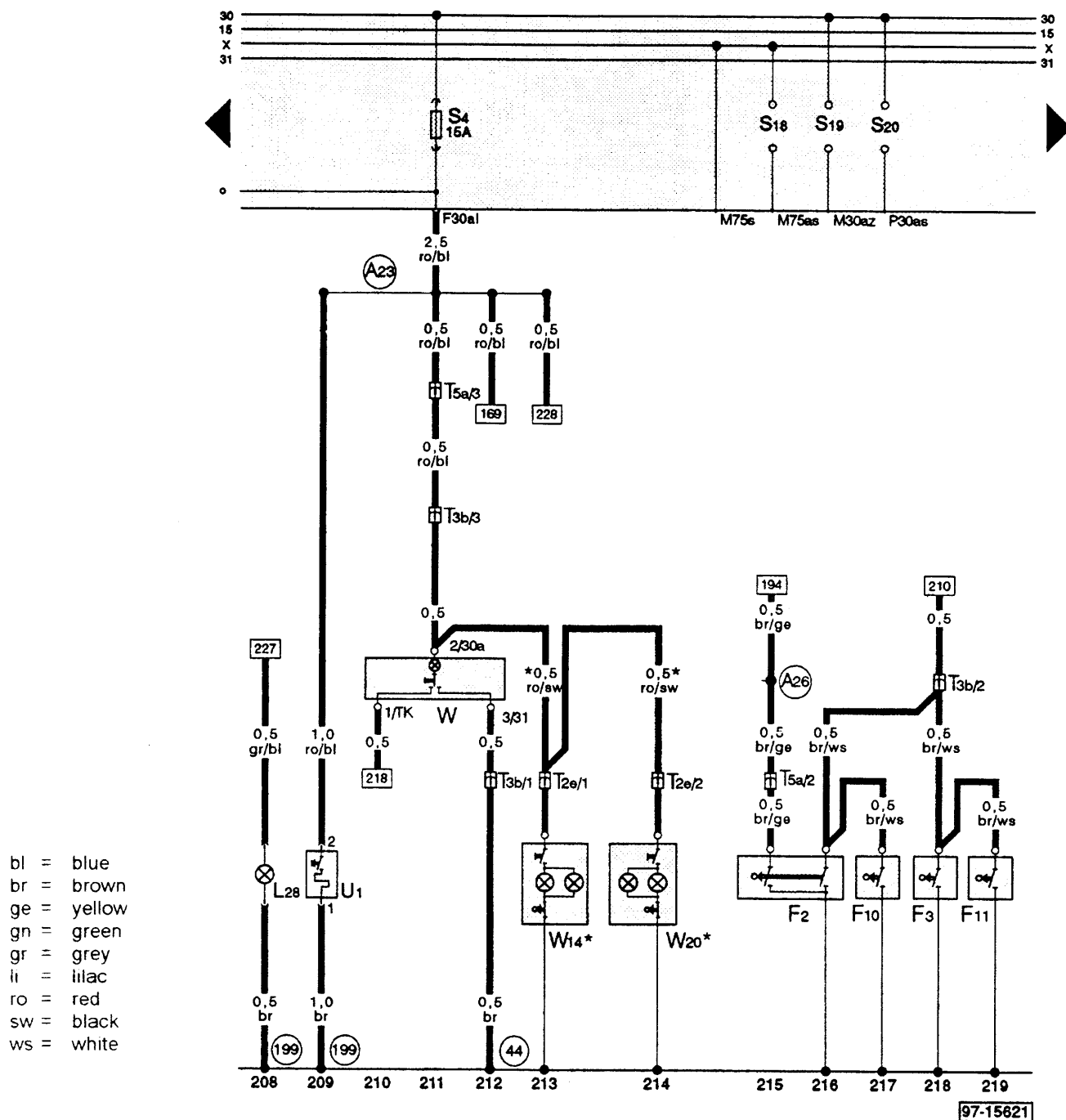
Fog lights, rear fog light, side light warning lamp



- E 7 - Fog light switch
- E 18 - Rear fog light switch
- J 5 - Fog light relay
- K 4 - Side light warning lamp
- L 20 - Rear fog light bulb
- L 22 - Front left fog light bulb
- L 23 - Front right fog light bulb
- T 2l - Connector, 2-pin, black, in engine compartment, right
- T 2m - Connector, 2-pin, black, in engine compartment, right
- T 6b - Connector, 6-pin, black, in luggage boot, left
- T 10a - Connector, 10-pin, yellow, plug station in aux. relay carrier
- T 10b - Connector, 10-pin, brown, plug station in aux. relay carrier

- (81) - Earth connection -1-, in dash panel wiring loom
- (98) - Earth connection, in tailgate wiring loom
- (119) - Earth connection -1-, in headlight wiring loom
- (199) - Earth connection -3-, in dash panel wiring loom
- (A3) - Positive (+) connection (58), in dash panel wiring loom
- (A17) - Connection (55), in dash panel

Interior light, door contact switch, illuminated make-up mirror, cigarette lighter



F 2 - Door contact switch, front left
F 3 - Door contact switch, front right
F 10 - Door contact switch, rear left

F 11 - Door contact switch, rear right
L 28 - Cigarette lighter light bulb
T 2e - Connector, 2-pin, near interior light
T 3b - Connector, 3-pin, green, behind dash panel, left
T 5a - Connector, 5-pin, brown, connector point in aux. relay carrier
U 1 - Cigarette lighter
W - Interior light, front
W 14 - Illuminated make-up mirror (front passenger side)

W 20 - Illuminated make-up mirror (driver's side)

(44) - Earth point, A-pillar, left lower
(199) - Earth connection -3-, in dash panel wiring loom
(A23) - Connection (30 al), in dash panel wiring loom
(A26) - Connection (door contact switch/driver's side), in dash panel wiring loom
* - With illuminated make-up mirror only

Fresh air blower, heated rear window, preparations for radio

