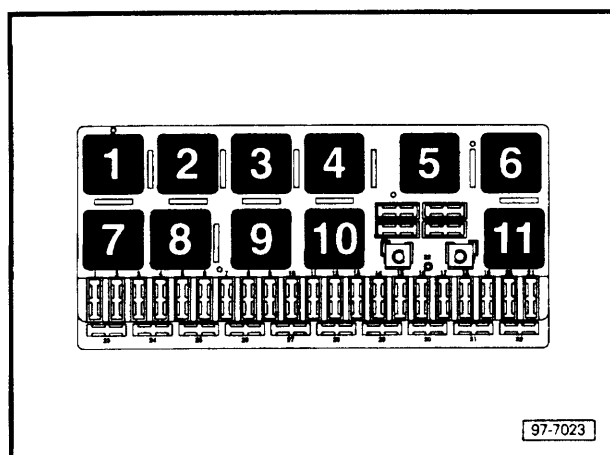


Audi 80 (2.2 litre fuel injection engine, 169 kW, Motronic, [4-valve/turbo], 5-cylinder, -S2-), Engine code ABY

from July 1994

Position of relays
also see "Fitting Locations" section

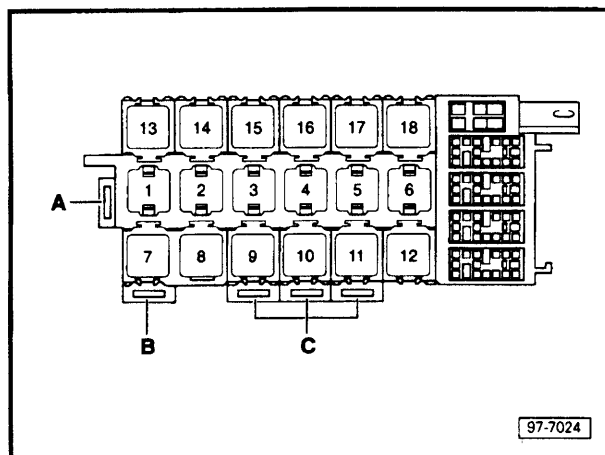
Relay plate with fuse holder:



Position of relays:

- 3** - Radiator fan 3rd stage relay
- 8** - Jumper
- 10** - Fuel pump relay
- 11** - Radiator fan 2nd stage relay

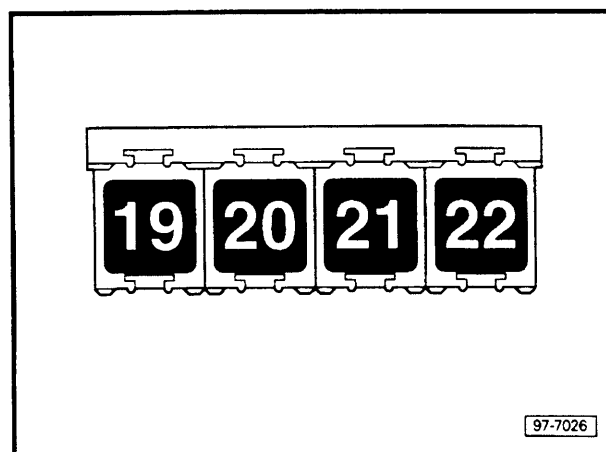
Auxiliary relay carrier, front
(under dash panel, left)



Position of relays:

- 14** - Control unit for coolant pump/turbocharger
- 18** - Radiator fan relay (full load)

Auxiliary relay carrier, rear
(under seat bench, left)

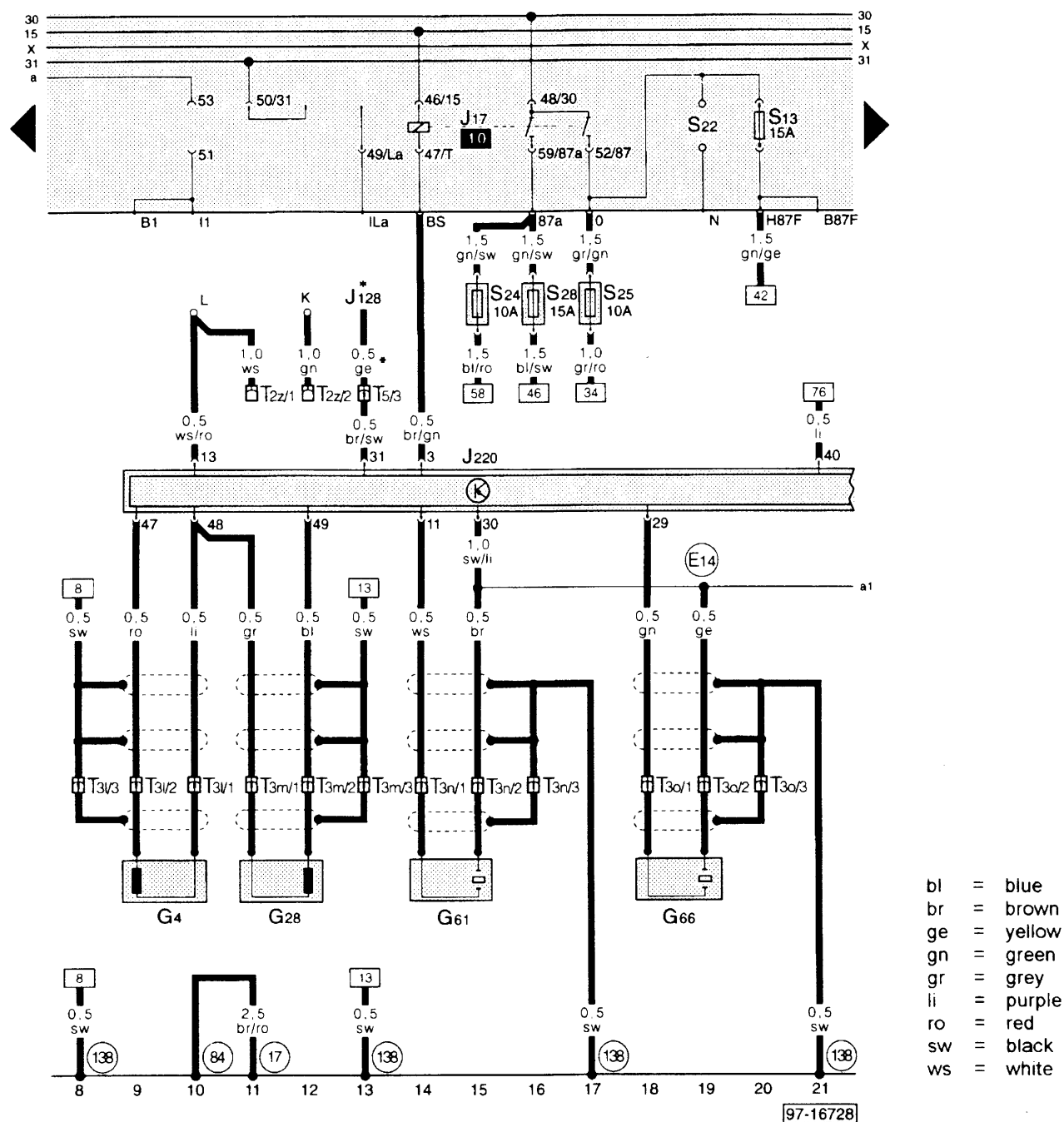


Position of relays:

Fuse colours:

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige

Electronic fuel injection, fuel pump relay, knock control



- G 4 - Firing point sender
- G 28 - Engine speed sender
- G 61 - Knock sensor I
- G 66 - Knock sensor II
- J 17 - Fuel pump relay
- J 128 - Indicator unit with computer
- J 220 - Motronic control unit
- S 24 - Separate fuse for engine management I - for injectors (in aux. fuse box)
- S 25 - Separate fuse for Lambda probe heating (in aux. fuse box)
- S 28 - Fuse for engine management II - for Lambda control (in aux. fuse box)
- T 2 z - Connector, 2-pin, white, in plenum chamber near relay plate (diagnosis plug)
- T 3 l - Connector, 3-pin, black, for firing point sender
- T 3 m - Connector, 3-pin, grey, for engine speed sender
- T 3 n - Connector, 3-pin, brown, for knock sensor I
- T 3 o - Connector, 3-pin, green, for knock sensor II or blue

- T 5 - Connector, 5-pin, black, connector point in aux. relay carrier

- (17) - Earth point, on intake manifold
- (84) - Earth connection, engine block, in front right wiring loom
- (138) - Earth connection (control unit), in Motronic wiring loom
- (E14) - Connection -1-, in Motronic wiring loom

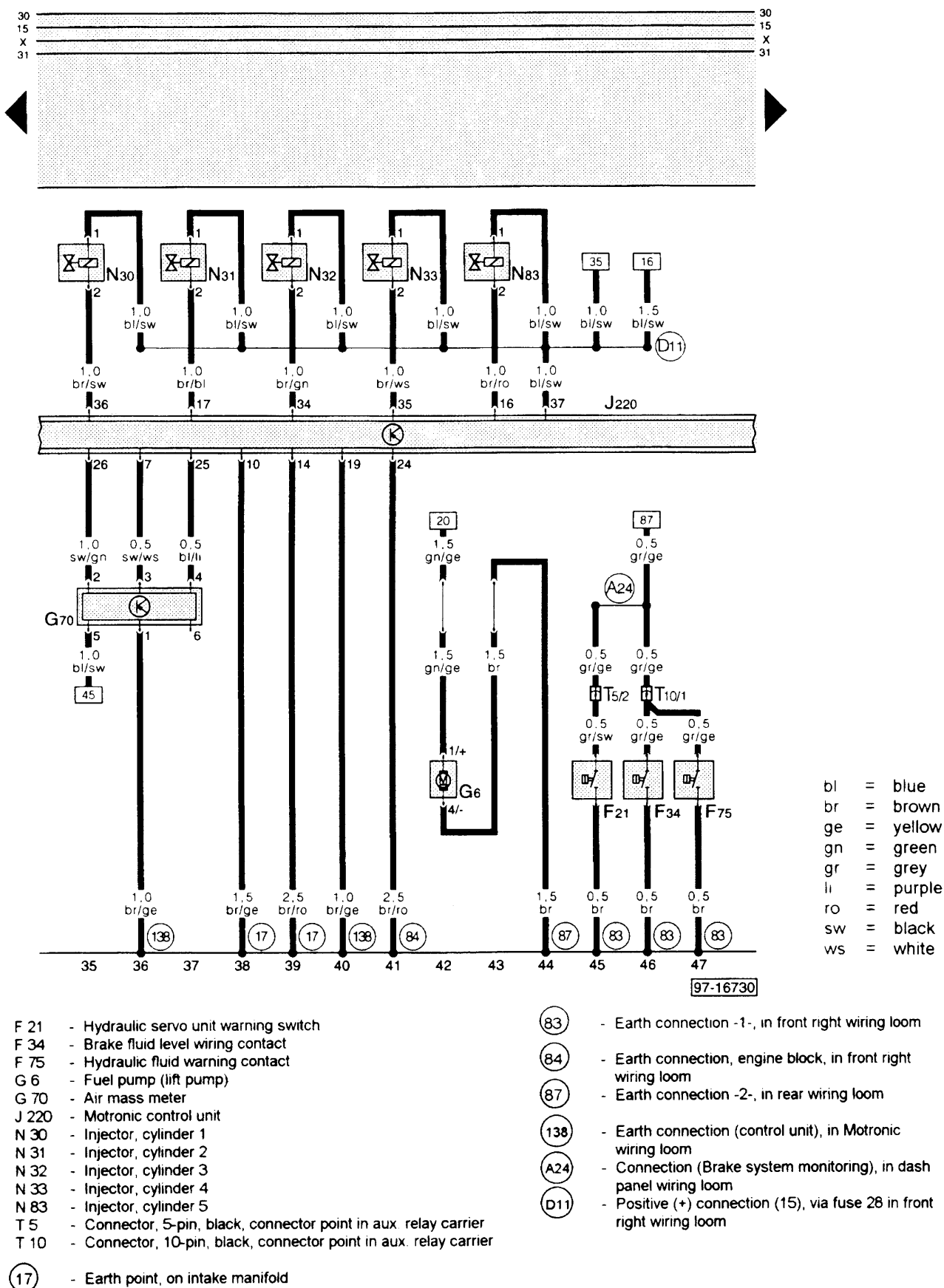
- * - Only with on-board computer equipment

- K - Junction box for diagnosis plug (K-wire)
- L - Junction box for diagnosis plug (L-wire)

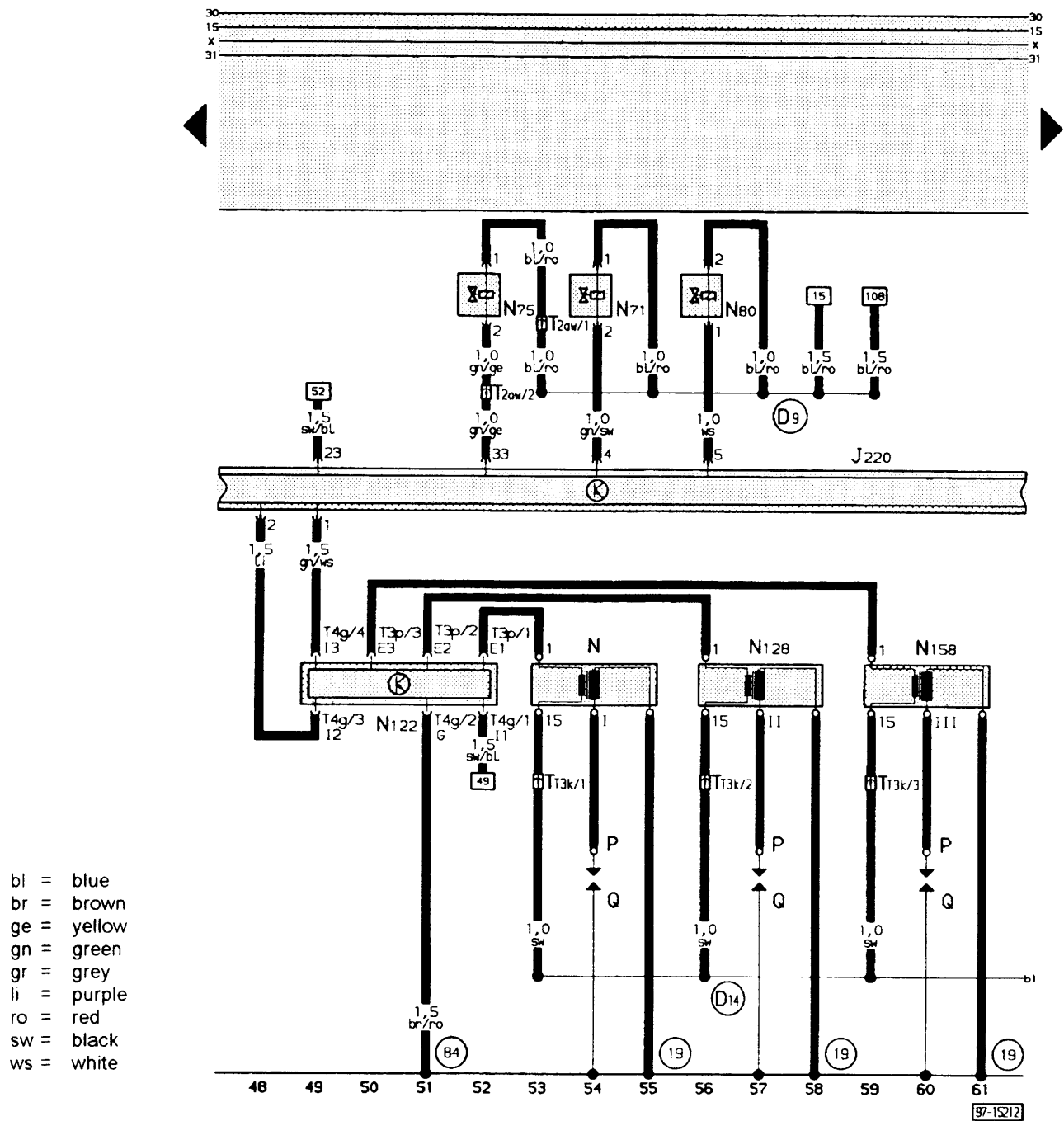
Note: Junction boxes are screwed onto frame of relay carrier (in plenum chamber).

- (83) - Earth connection -1-, in front right wiring loom
- (84) - Earth connection, engine block, in front right wiring loom
- (110) - Earth connection -2-, in dash panel wiring loom
- (138) - Earth connection (control unit), in Motronic wiring loom
- (A27) - Connection (speed signal), in dash panel wiring loom
- (D3) - Connection (consumption display sender, 5V), in front right wiring loom
- (E14) - Connection -1-, in Motronic wiring loom
- * - Coding plug not in use

Electronic fuel injection, fuel pump, injectors



Electronic fuel injection, ignition system



30
15
X
31

30
15
X
31

1.5 ro L30
1.5 sw B15

S27 20A
S32 20A

T5h/4 85
0.5 bl/ws
0.5 bl/ws
T8t/5
0.5 bl/ws
69 1.0 sw
110 0.5 sw/ge
1.5 ro/ws
18

T2y/2 0.5 gr/br
T5h/4 0.5 gr/br
T5h/1 0.5 gn/sw
22 16
J220
46 27 41

21 1.5 gn
20 1.5 ro/sw
8 0.5 gn
29 0.5 ro/sw
1/+
2/G
3/-
G40

N163
15 IV
T3aa/1
P
Q
1.0 sw
62 63 64 65 66 67 68 69 70 71 72 73 74

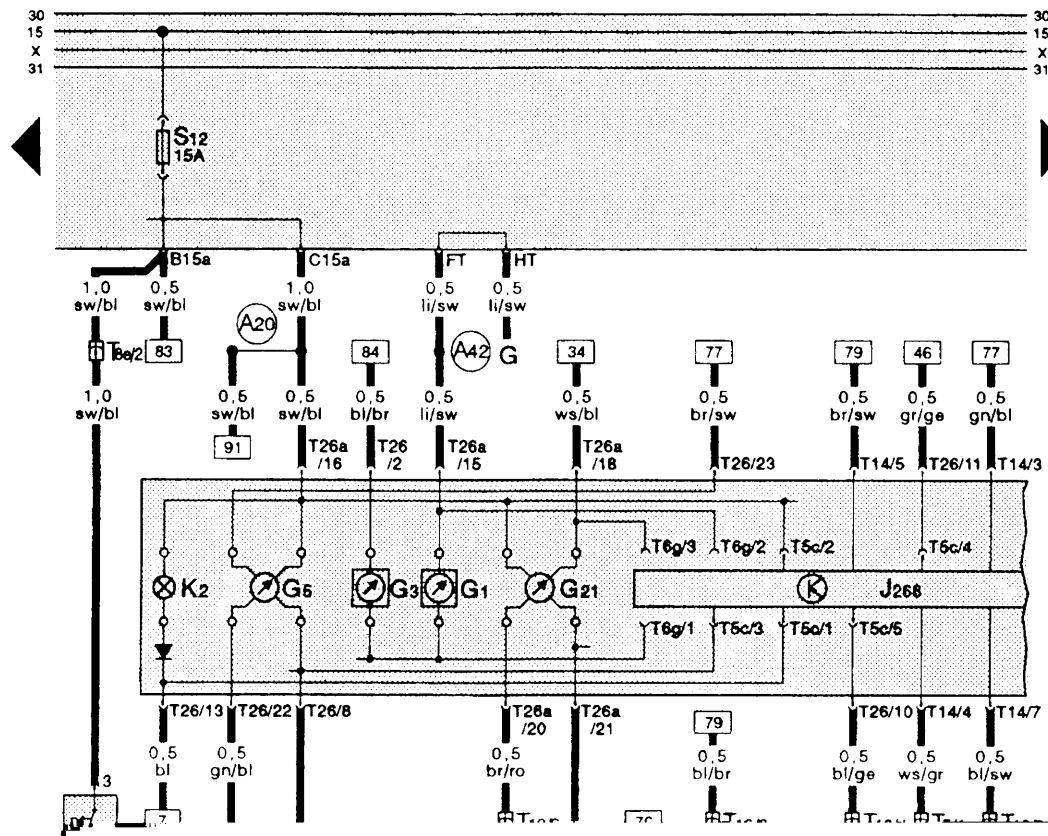
N164
15 V
T3aa/2
P
Q
1.0 sw
19 19 84 138

T3ab/1 E1
T3ab/2 E2
T4n/3 I2
T4n/2 G
N127
T4n/4 I3
71 1.0 sw
T8e/5 0.5 sw
T3aa/3 1.0 sw
0.5 br/ge
D14

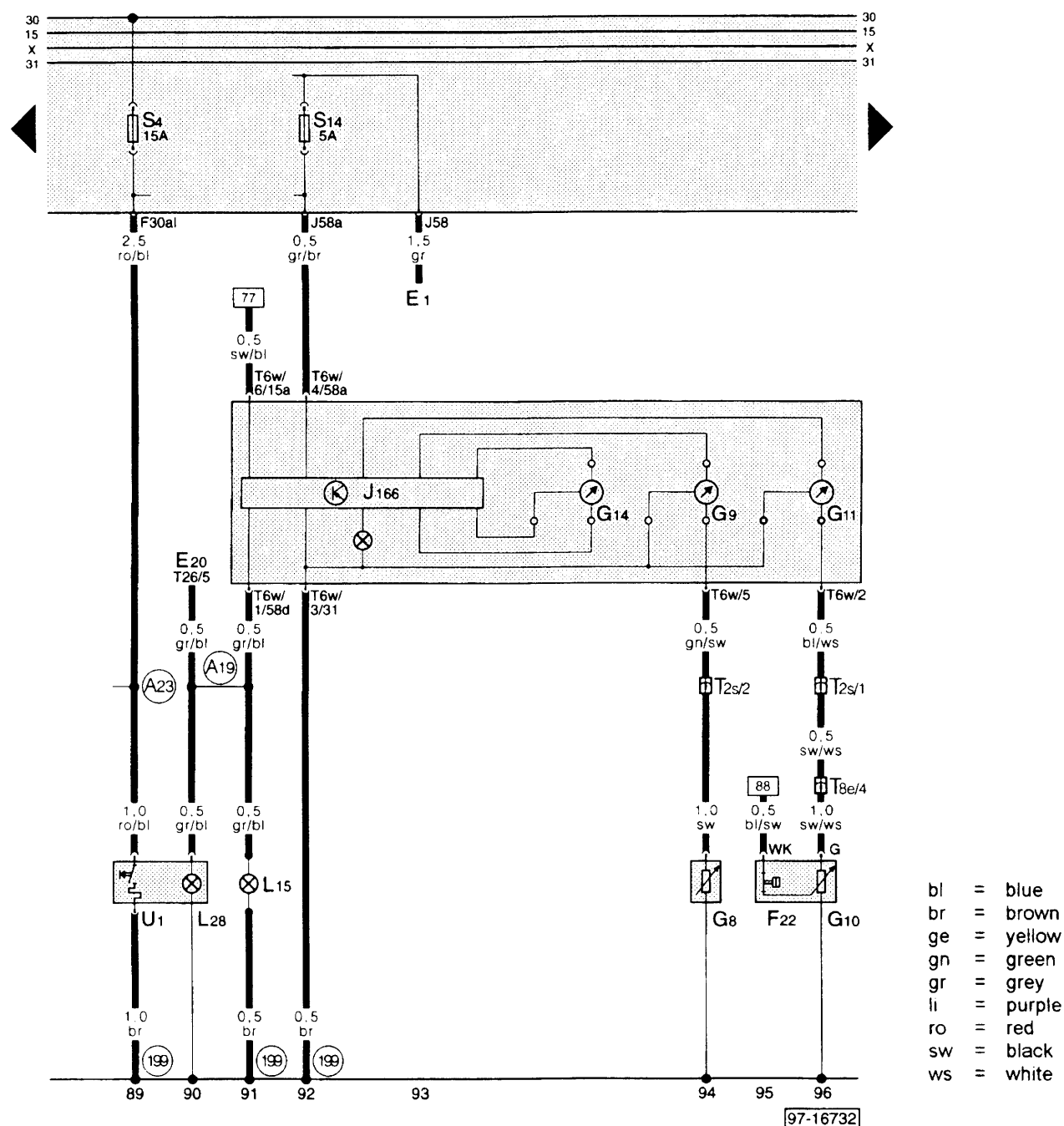
97-16731

- T 8 e - Connector 8-pin, in engine compartment, right
- T 8 f - Connector 8-pin, in engine compartment, right
- (19) - Earth point, near ignition coil
- (84) - Earth connection, engine block, in front right wiring loom
- (138) - Earth connection (control unit), in Motronic wiring loom
- (D14) - Connection (ignition coil control unit), in front right wiring loom

Dash panel insert, rev. counter, speedometer, coolant monitor, control unit for mini-check system



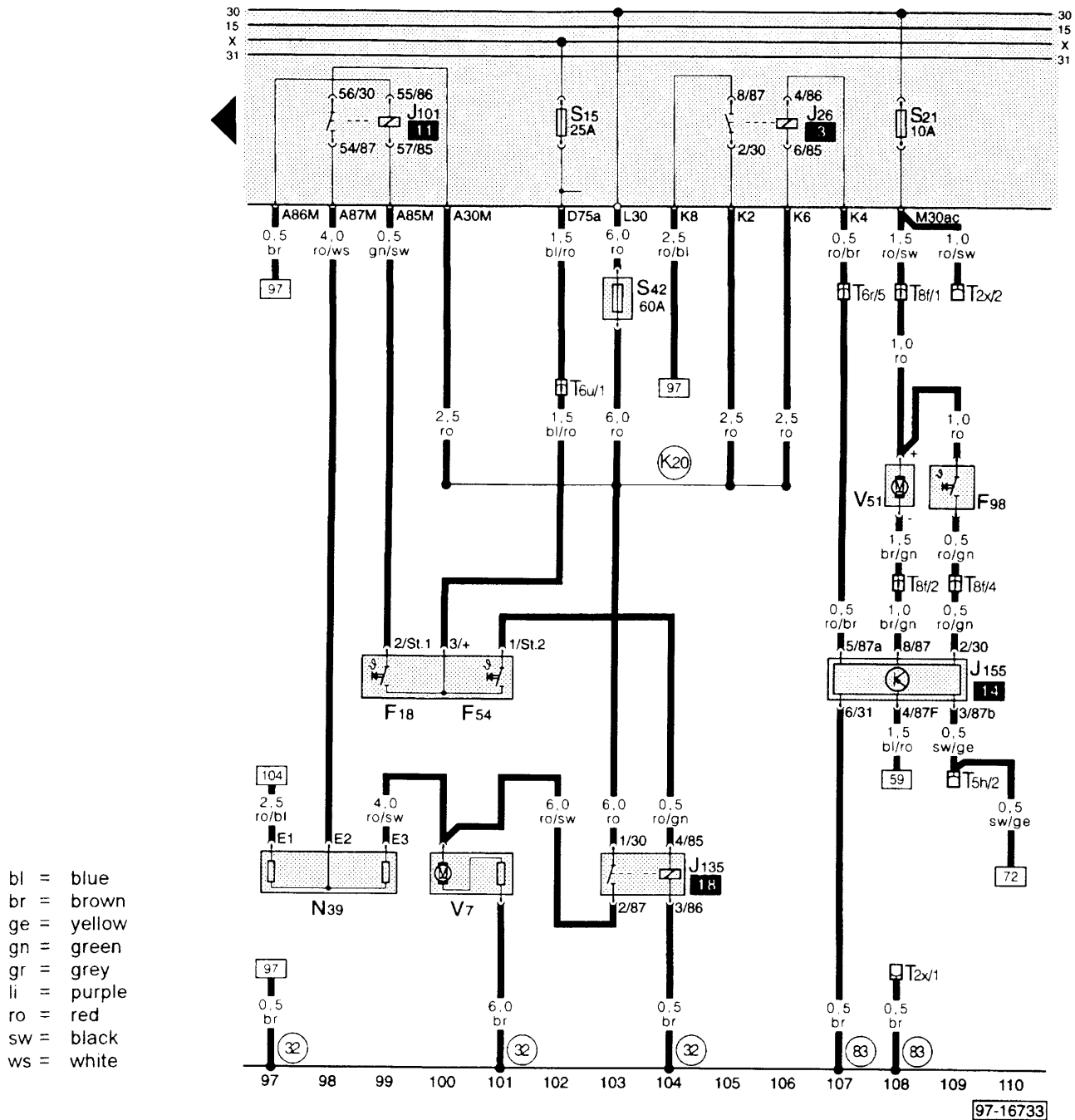
Additional instruments



- E 1 - Lighting switch
- E 20 - Switches and instruments - lighting control
- F 22 - Oil pressure switch (0.3)
- G 8 - Oil temperature sender
- G 9 - Oil temperature gauge
- G 10 - Oil pressure sender
- G 11 - Oil pressure gauge
- G 14 - Voltmeter
- J 166 - Instrument lighting amplifier
- L 15 - Ashtray light bulb
- L 28 - Cigarette lighter light bulb
- T 2 s - Connector, 2-pin, brown, behind console
- T 6 w - Connector, 6-pin, white, behind console
- T 8 e - Connector, 8-pin, in engine compartment, right
- T 26 - Connector, 26-pin, yellow, on dash panel insert
- U 1 - Cigarette lighter

- (199) - Earth connection -3-, in dash panel wiring loom
- (A19) - Connection (58d), in dash panel wiring loom
- (A23) - Connection (30a1), in dash panel wiring loom

Radiator fan



- F 18 - Radiator fan thermo switch
- F 54 - Radiator fan thermo switch
- F 98 - Thermo switch for coolant pump/turbocharger
- J 26 - Radiator fan relay
- J 101 - Radiator fan 2nd stage relay
- J 135 - Radiator fan 3rd stage relay
- J 155 - Control unit for coolant pump/turbocharger
- N 39 - Radiator fan series resistance
- S 42 - Separate fuse for radiator fan
- T 2 x - Connector, 2-pin, black, in plenum chamber near relay plate (diagnosis plug)
- T 5 h - Connector, 5-pin, red, behind dash panel, left
- T 6 r - Connector, 6-pin, black, behind dash panel, left
- T 6 u - Connector, 6-pin, green, behind dash panel, left
- T 8 f - Connector, 8-pin, in engine compartment, right
- V 7 - Radiator fan
- V 51 - Continued coolant circulation pump

- (32) - Earth point, behind dash panel, left
- (83) - Earth connection -1-, in front right wiring loom
- (K20) - Positive (+) connection (30), in radiator fan wiring loom