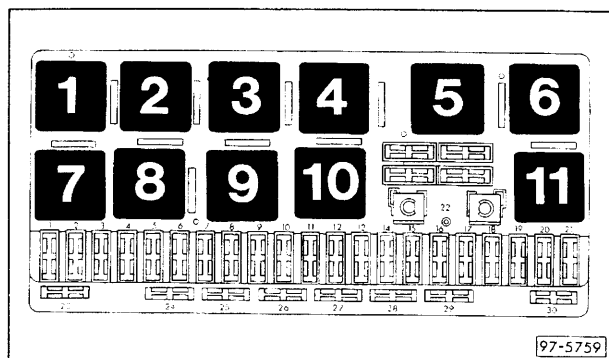


Audi 80 (2.0 litre fuel injection engine, 103 kW, 16 V, K-Motronic, 4-cylinder) Engine code letters 6A

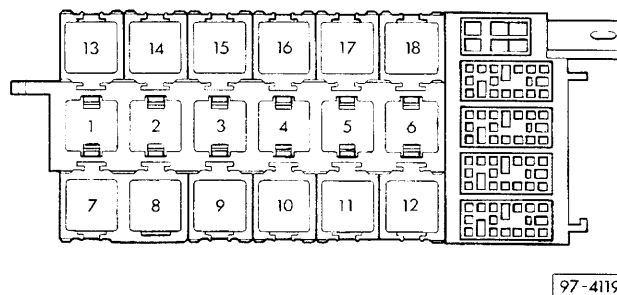
from June 1990

Position of relays:
also see "Fitting Locations"

Relay plate with fuse holder:



Auxiliary relay carrier:



3 – Control unit for radiator run-on

8 – Bridge connection with manual gearbox/relay with automatic gearbox

10 – Fuel pump relay

11 – Radiator fan relay

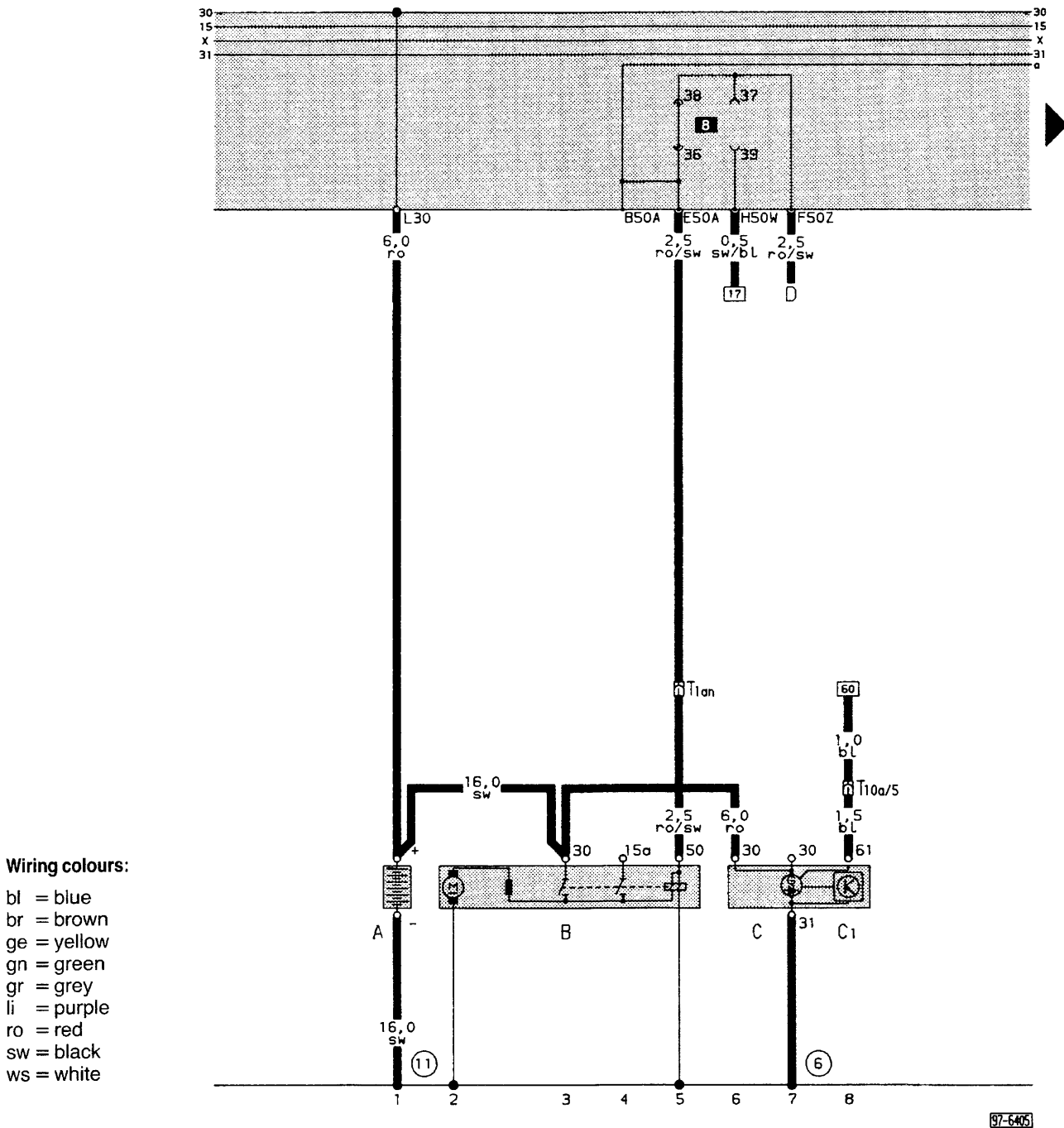
6 – Oil pressure warning control unit

12 – Radiator fan 3rd stage relay

Fuse colours

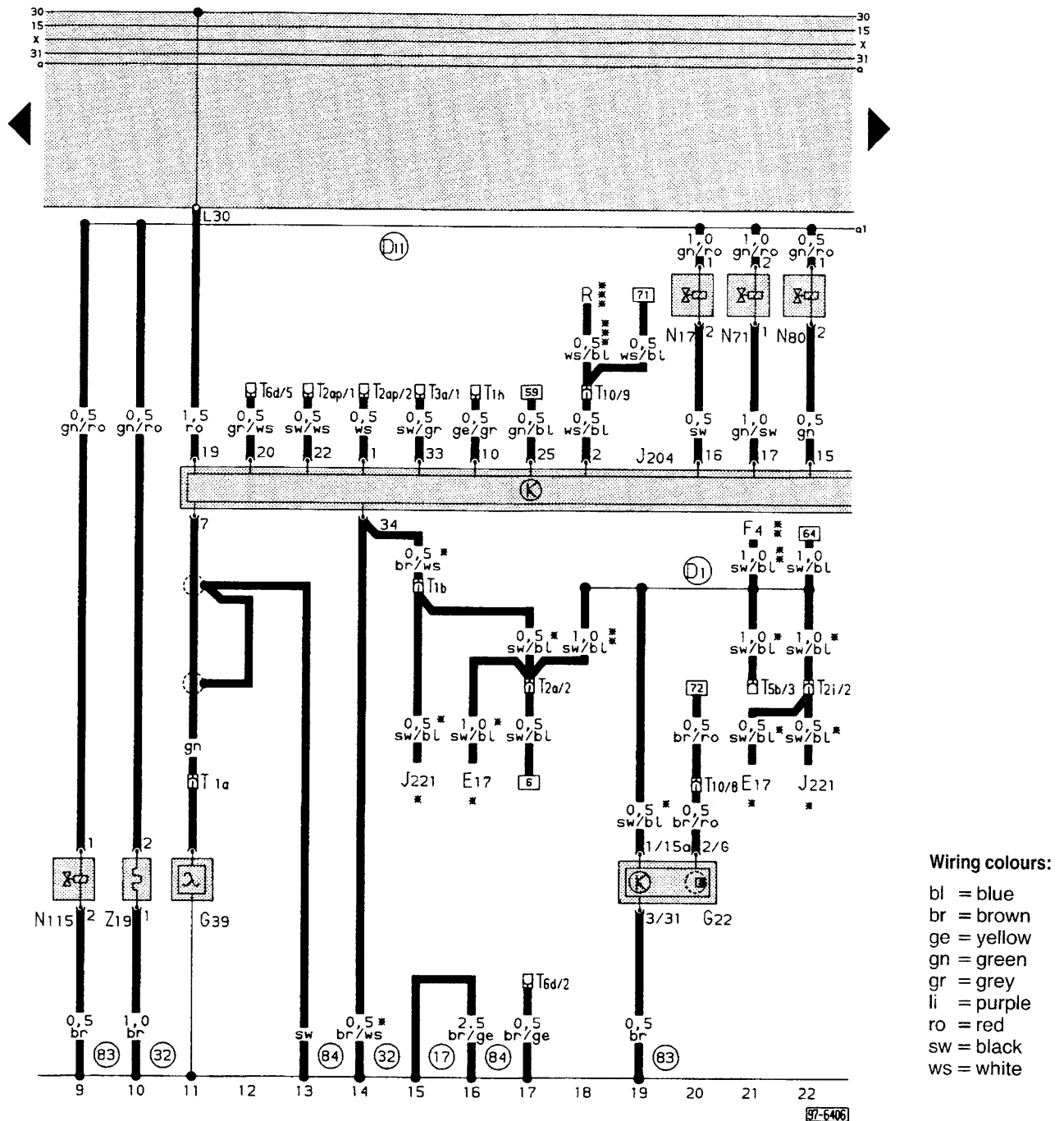
30 A – green
25 A – colourless (white)
20 A – yellow
15 A – blue
10 A – red
5 A – light brown

Battery, starter, alternator



- A – Battery
- B – Starter
- C – Alternator
- C1 – Voltage regulator
- D – Ignition/starter switch
- T1an – Connector single, grey, in engine compartment, left
- T10a – Connector 10 pin, yellow, connector point in aux. relay carrier
- ⑥ – Earthing strap, engine – generator
- ⑪ – Earth point, in battery box

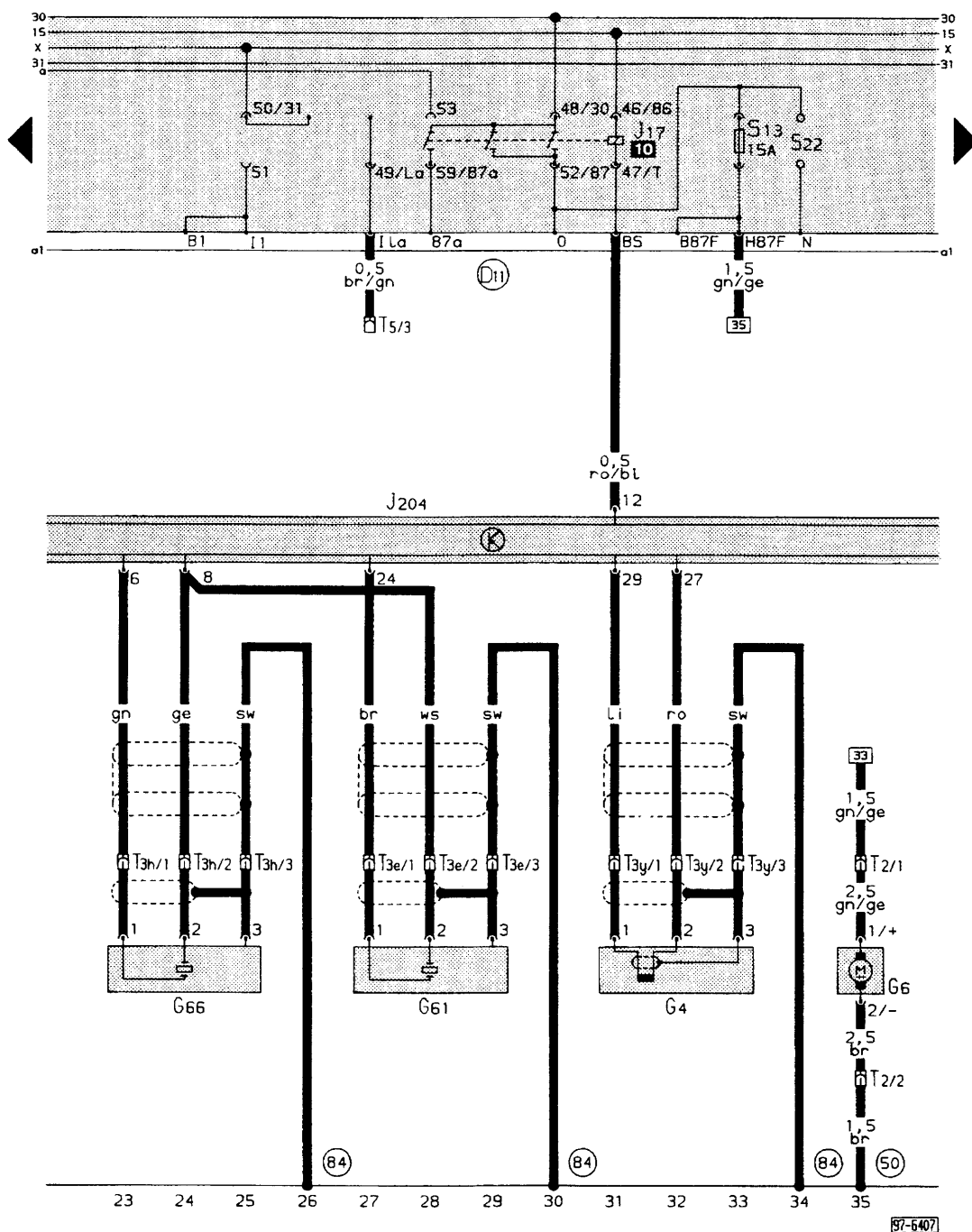
Electronic fuel injection, lambda probe



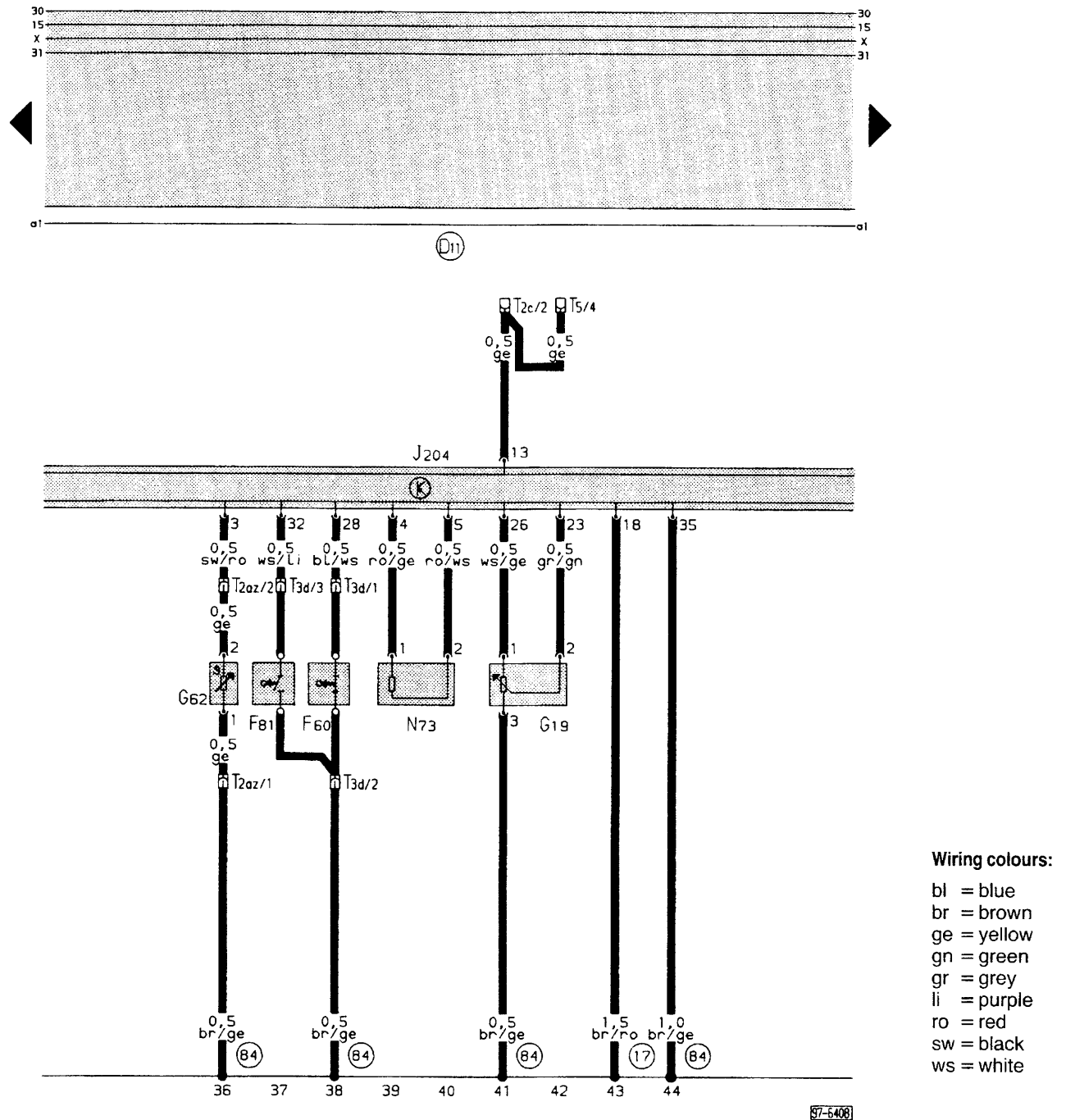
- E 17 – Starter inhibitor and reversing lights switch
- F 4 – Reversing light switch
- G 22 – Speedometer sender
- G 39 – Lambda probe, with heater
- J 204 – KE Motronic control unit
- J 221 – Control unit for selector lever lock
- N 17 – Cold start valve
- N 71 – Idling speed stabilization valve
- N 80 – Activated charcoal filter system solenoid valve 1 (pulsed)
- N 115 – Activated charcoal filter system solenoid valve 2 (cut-off valve)
- R – Connection for radio
- T 1a – Connector single, in engine compartment, right
- T 1b – Connector single, white, behind dash panel, left
- T 1h – Connector single, yellow, behind dash panel, left
- T 2a – Connector 2 pin, white, behind dash panel, left
- T 2i – Connector 2 pin, white, behind dash panel, left
- T 2ap – Connector 2 pin, brown, under dash panel (diagnosis plug)

- T 3a – Connector 3 pin, red, behind dash panel, left
- T 5b – Connector 5 pin, in engine compartment, left
- T 6d – Connector 6 pin, black, behind dash panel
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- Z 19 – Heating for Lambda probe
- (17) – Earth point, on intake manifold
- (32) – Earth point, behind dash panel, left
- (83) – Earth connection – 1 –, in front right wiring loom
- (84) – Earth connection, engine block, in front right wiring loom
- (D1) – Positive (+) connection (15a), in front right wiring loom
- (D11) – Positive (+) connection (15) via fuse 28 in front right wiring loom
- * – only on vehicles with automatic gearbox
- ** – only on vehicles with manual gearbox
- *** – only with preparation for radio installation

Electronic fuel injection, knock control, fuel pump relay, fuel pump

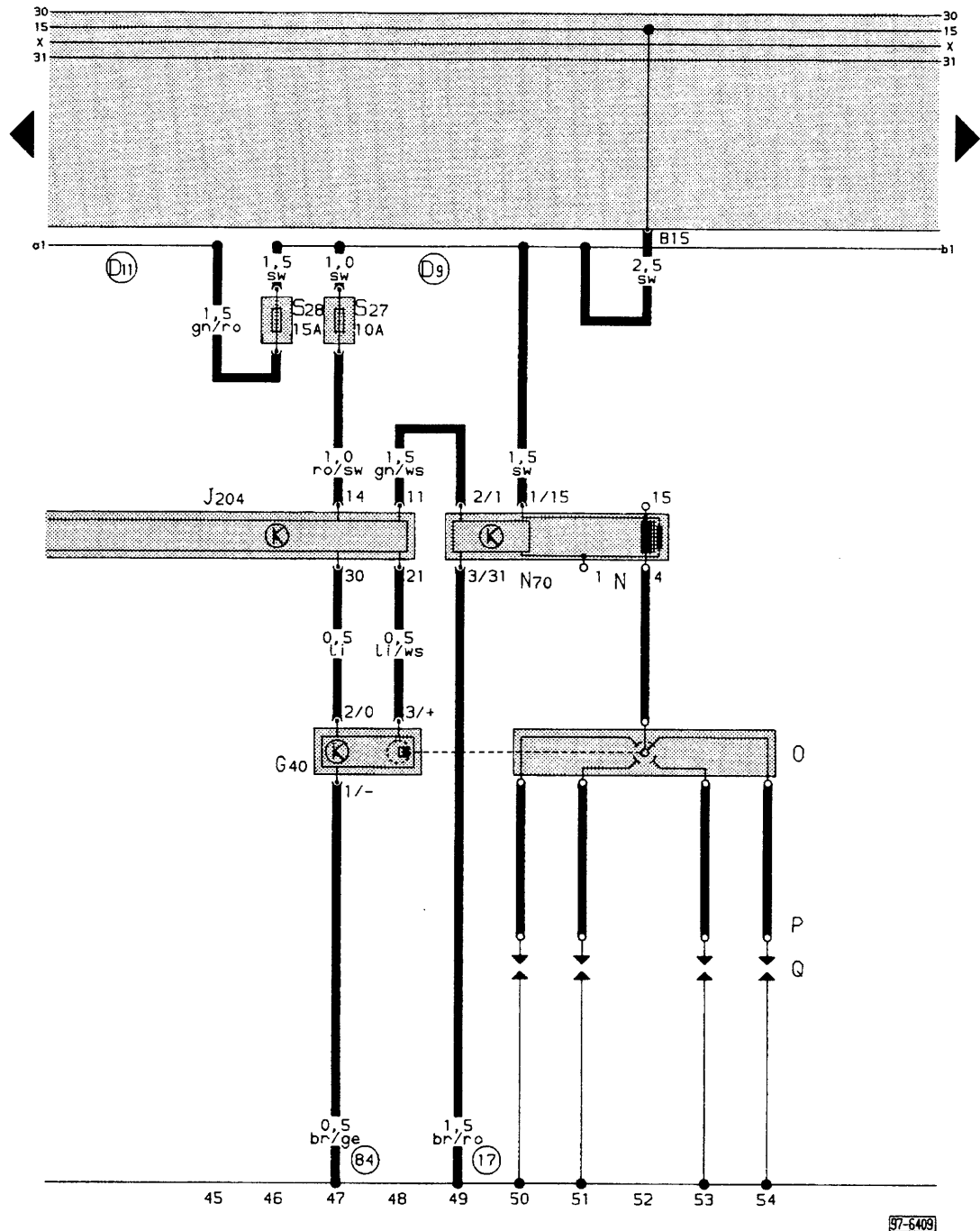


Electronic fuel injection



- F 60 – Idling switch
 F 81 – Full throttle switch
 G 19 – Potentiometer for air flow meter
 G 62 – Sender for coolant temperature
 J 204 – KE Motronic control unit
 N 73 – Differential pressure regulator
 T 2c – Connector 2 pin, blue, under dash panel (diagnosis plug)
 T 2az – Connector 2 pin, black, in engine compartment, right
 T 3d – Connector 3 pin, black, in engine compartment, right
 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
 (D11) – Positive (+) connection (15) via fuse 28 in front right wiring loom

Electronic fuel injection, ignition system

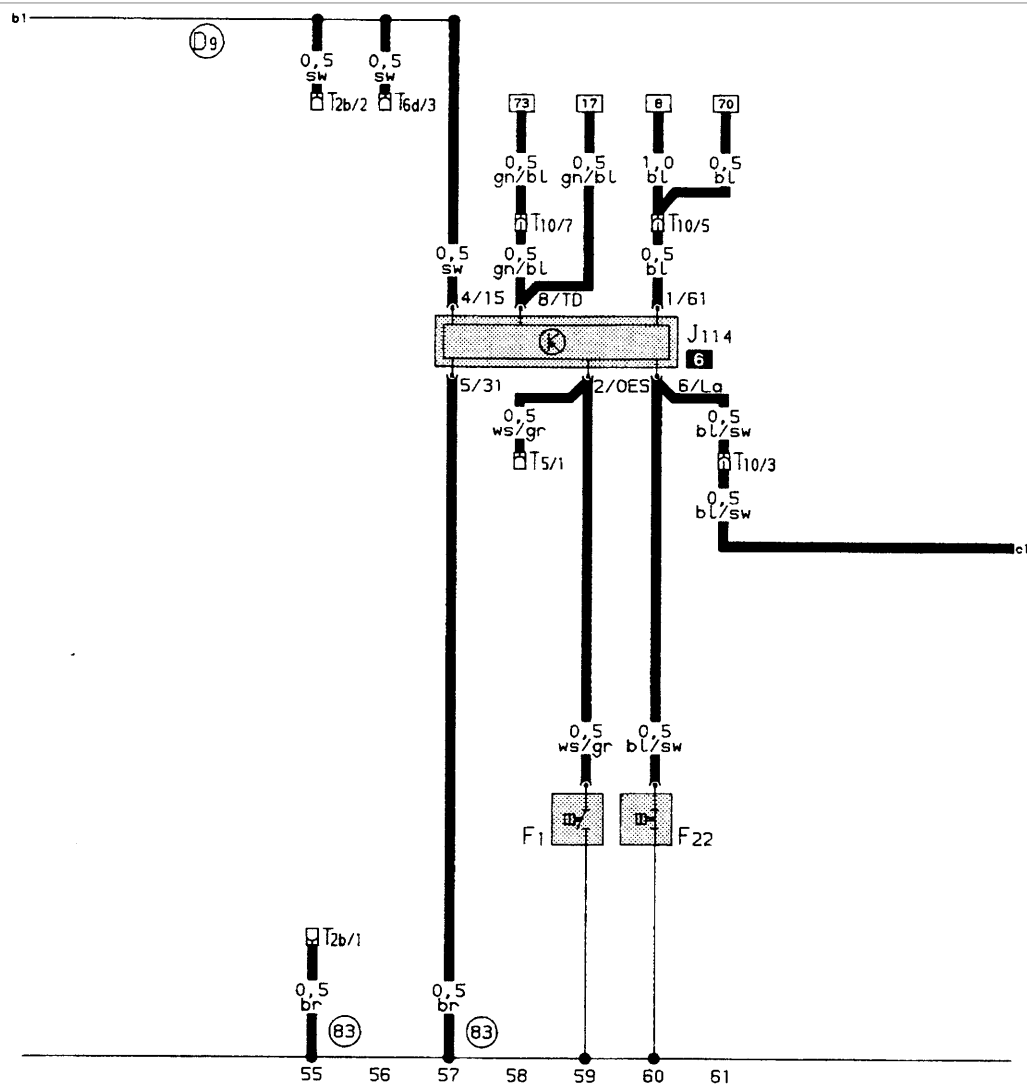
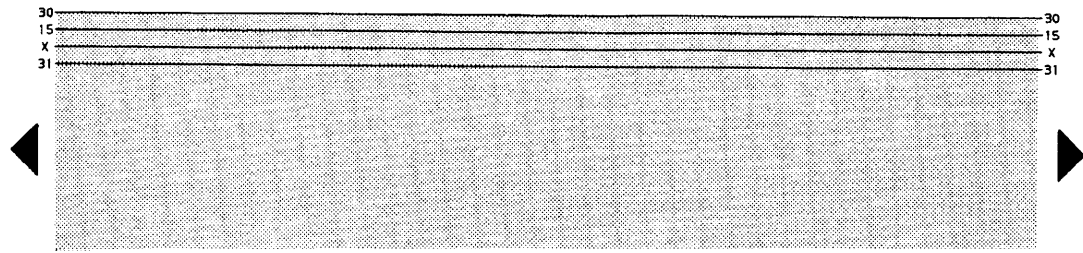


Wiring colours:

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

- G 40 – Hall sender
- J 204 – KE-Motronic control unit
- N – Ignition coil
- N 70 – Coil with final output stage 1
- O – Ignition distributor
- P – Spark plug connector
- Q – Spark plugs
- S 27 – Fuse in additional fuse holder (engine system I – for electronic ignition system)
- S 28 – Fuse in additional fuse holder (engine system II – for lambda control)
- (17) – Earth point, on intake manifold
- (84) – Earth connection, engine block, in front right wiring loom
- (D9) – Positive (+) connection (15) via fuse 27 in front right wiring loom
- (D11) – Positive (+) connection (15) via fuse 28 in front right wiring loom

Visual and acoustic oil pressure warning



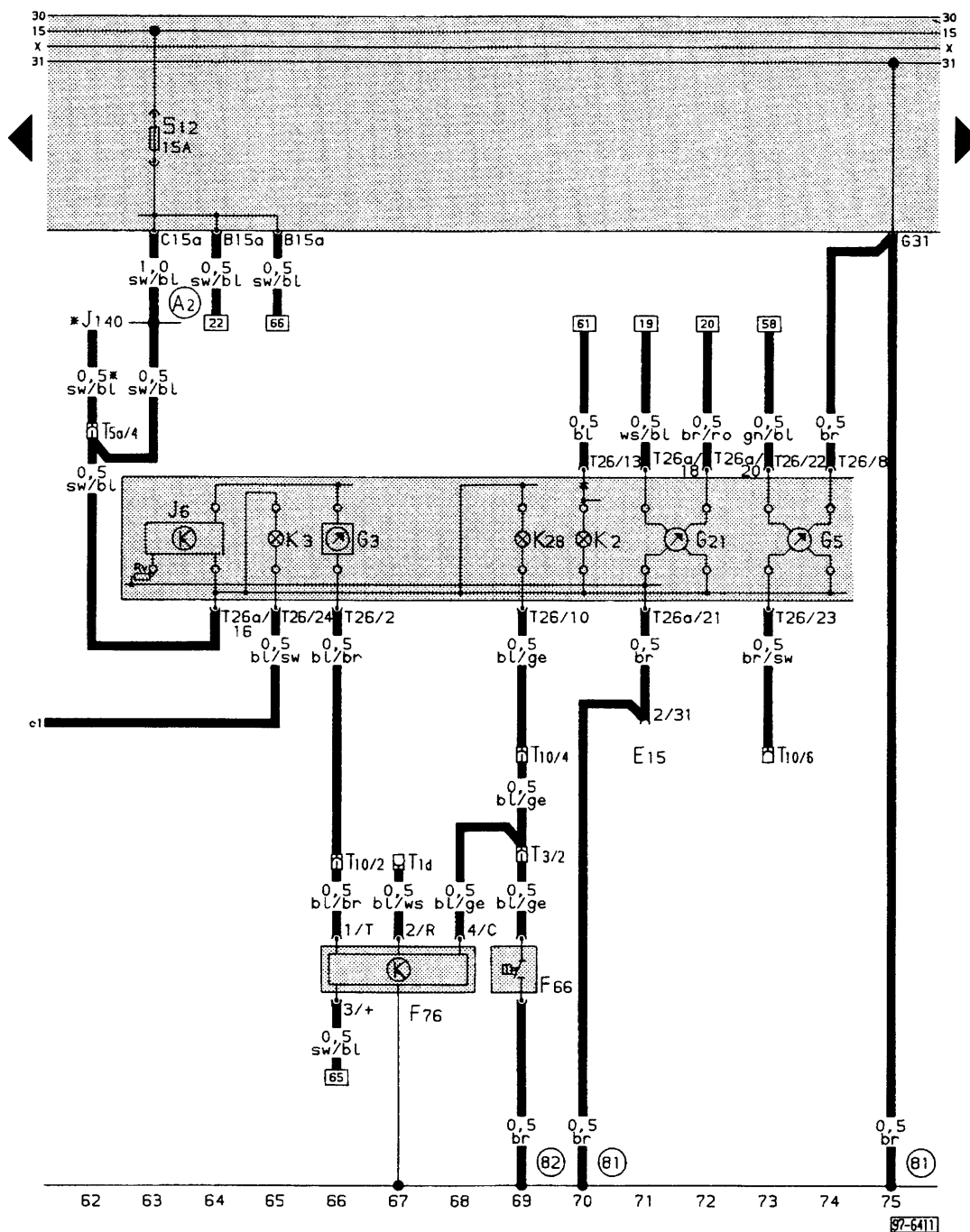
Wiring colours:

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

97-6410

- F 1 – Oil pressure switch (1.8 bar)
- F 22 – Oil pressure switch (0.3 bar)
- J 114 – Oil pressure warning control unit
- T 2b – Connector 2 pin, black, under dash panel (diagnosis plug)
- T 5 – Connector 5 pin, black, connector point in aux. relay carrier
- T 6d – Connector 6 pin, black, behind dash panel
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- Ⓜ – Earth connection – 1 –, in front right wiring loom
- Ⓟ – Positive (+) connection (15) via fuse 27 in front right wiring loom

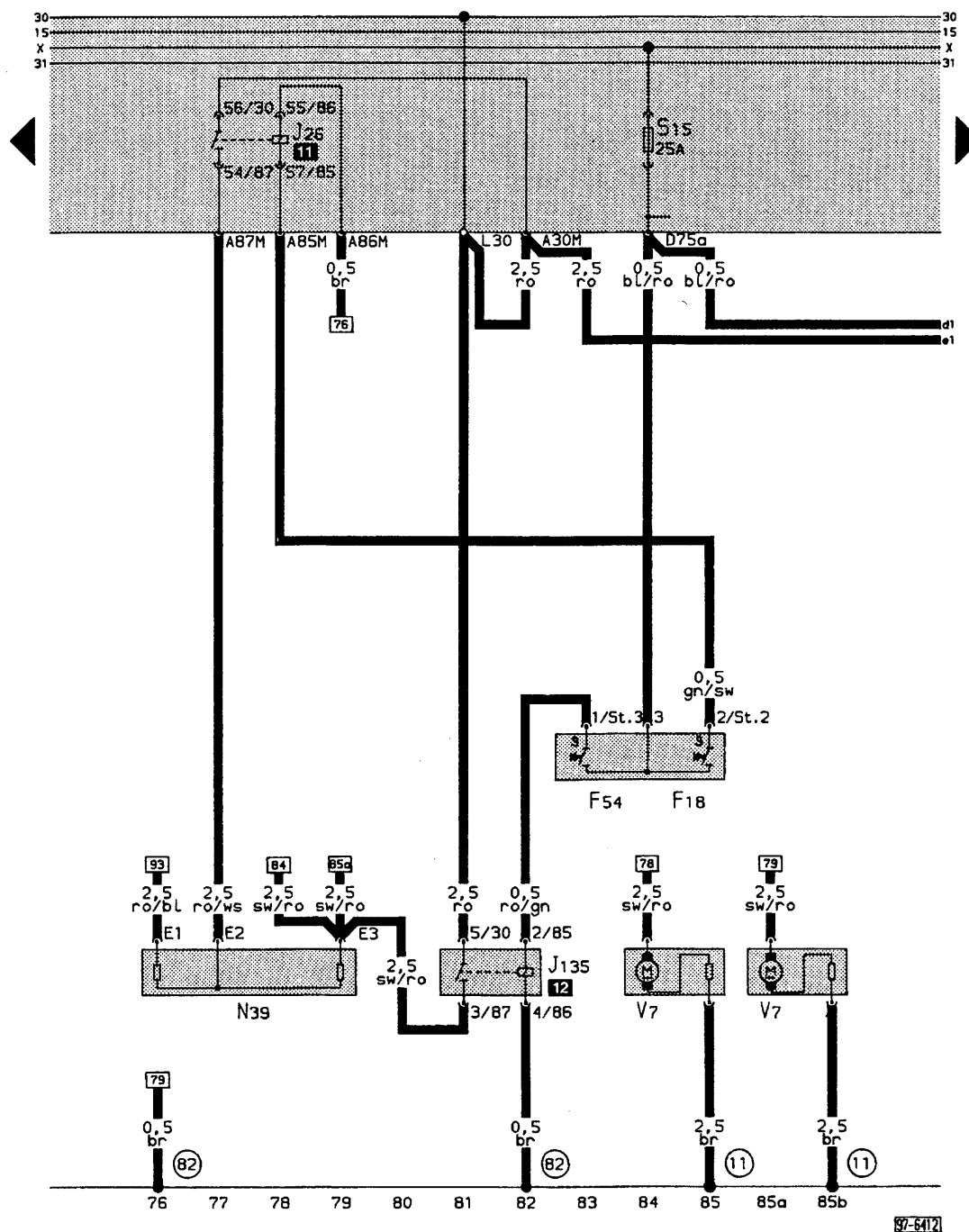
Dash panel insert, coolant monitor, rev. counter



- E 15 – Heated rear window switch
- F 66 – Coolant shortage indicator switch
- F 76 – Electronic thermoswitch
- G 3 – Coolant temperature gauge
- G 5 – Rev. counter
- G 21 – Speedometer
- J 6 – Voltage stabilizer
- J 140 – Switch unit for interior light delay
- K 2 – Generator warning lamp
- K 3 – Oil pressure warning lamp
- K 28 – Warning lamp for coolant temperature/coolant shortage
- T 1d – Connector single, white, behind dash panel, left
- T 3 – Connector 3 pin, brown, behind dash panel, left
- T 5a – Connector 5 pin, brown, connector point in aux. relay carrier
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- T 26 – Connector 26 pin, yellow, dash panel insert

- T 26a – Connector 26 pin, blue, dash panel insert
- (81) – Earth connection – 1 –, in dash panel wiring loom
- (82) – Earth connection – 1 –, in front left wiring loom
- (A2) – Positive (+) connection (15a), in dash panel wiring loom
- * – only with interior light delay feature

Radiator fan



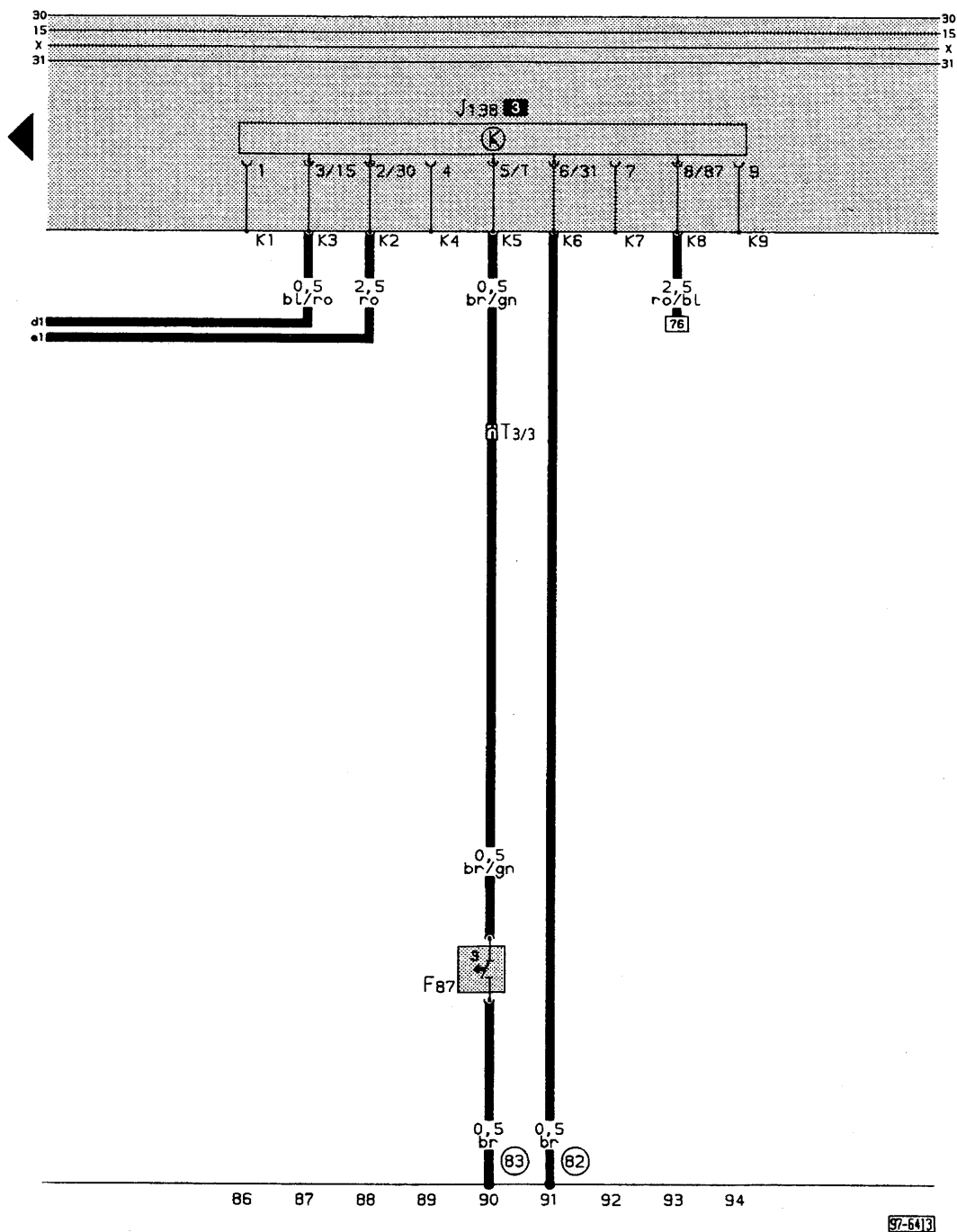
Wiring colours:

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

- F 18 – Radiator fan thermo switch
- F 54 – Radiator fan thermo switch
- J 26 – Radiator fan relay
- J 135 – Relay for radiator fan 3rd stage
- N 39 – Series resistance for radiator fan
- V 7 – Radiator fan

- ⑪ – Earth point, in battery box
- ⑫ – Earth connection – 1 –, in front left wiring loom

Fan run-on



- F 87 – Thermo switch for fan run-on
 J 138 – Control unit for radiator fan run-on
 T 3 – Connector 3 pin, brown, behind dash panel, left
 ⑧② – Earth connection – 1 –, in front left wiring loom
 ⑧③ – Earth connection – 1 –, in front right wiring loom