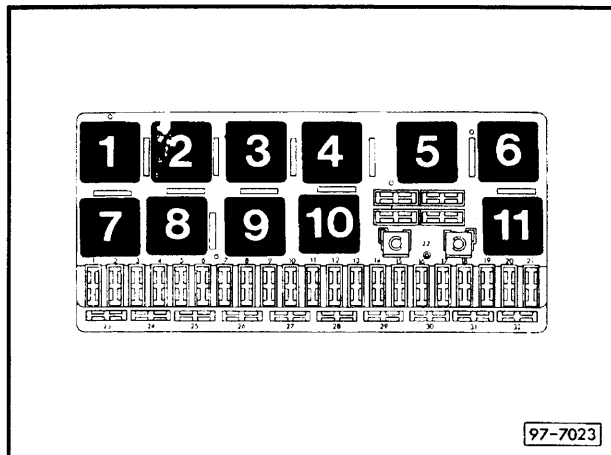


Audi 80 (2.3 litre fuel injection engine, 98 kW, KE-III-Jetronic, 5-cylinder) engine code letters NG

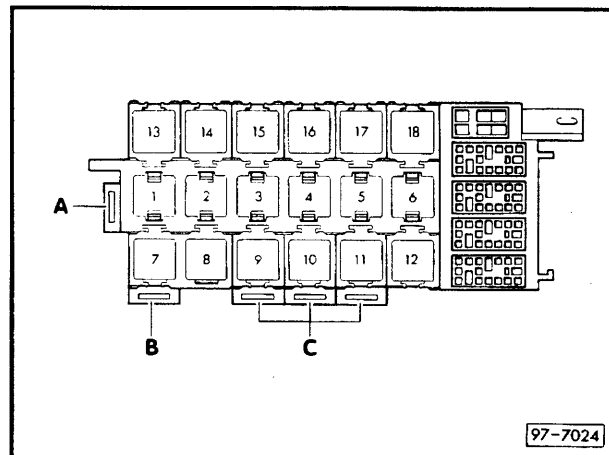
from September 1991

Position of relays,
see also "Fitting Locations"

Relay plate with fuse holder



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



Position of relays:

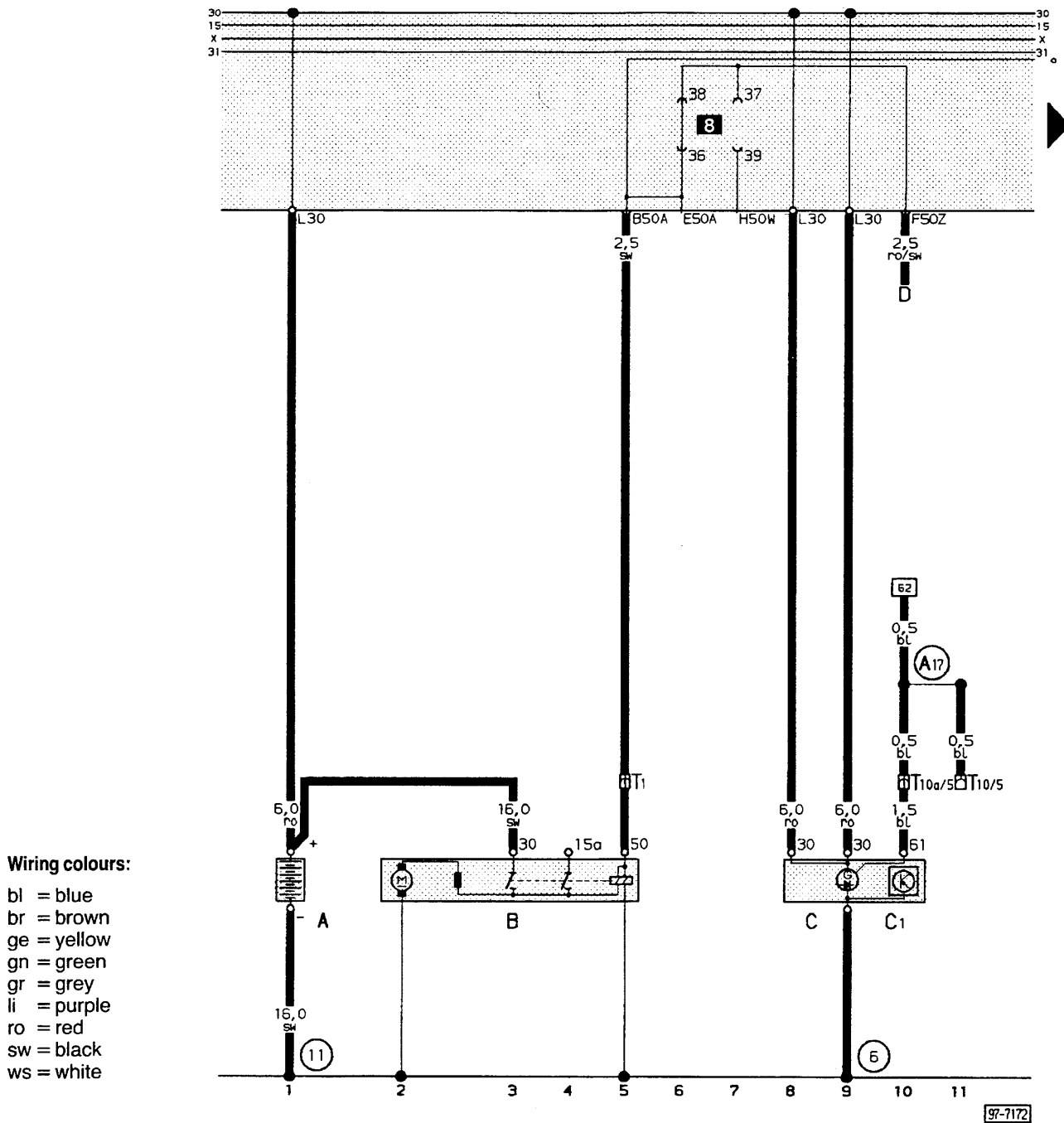
- 2** – Radiator fan relay
- 3** – Relay for fan run-on
- 8** – Bridge connection with manual gearbox/relay with automatic gearbox
- 10** – Fuel pump relay
- 11** – Radiator fan 2nd stage relay

Position of relays:

Fuse colours

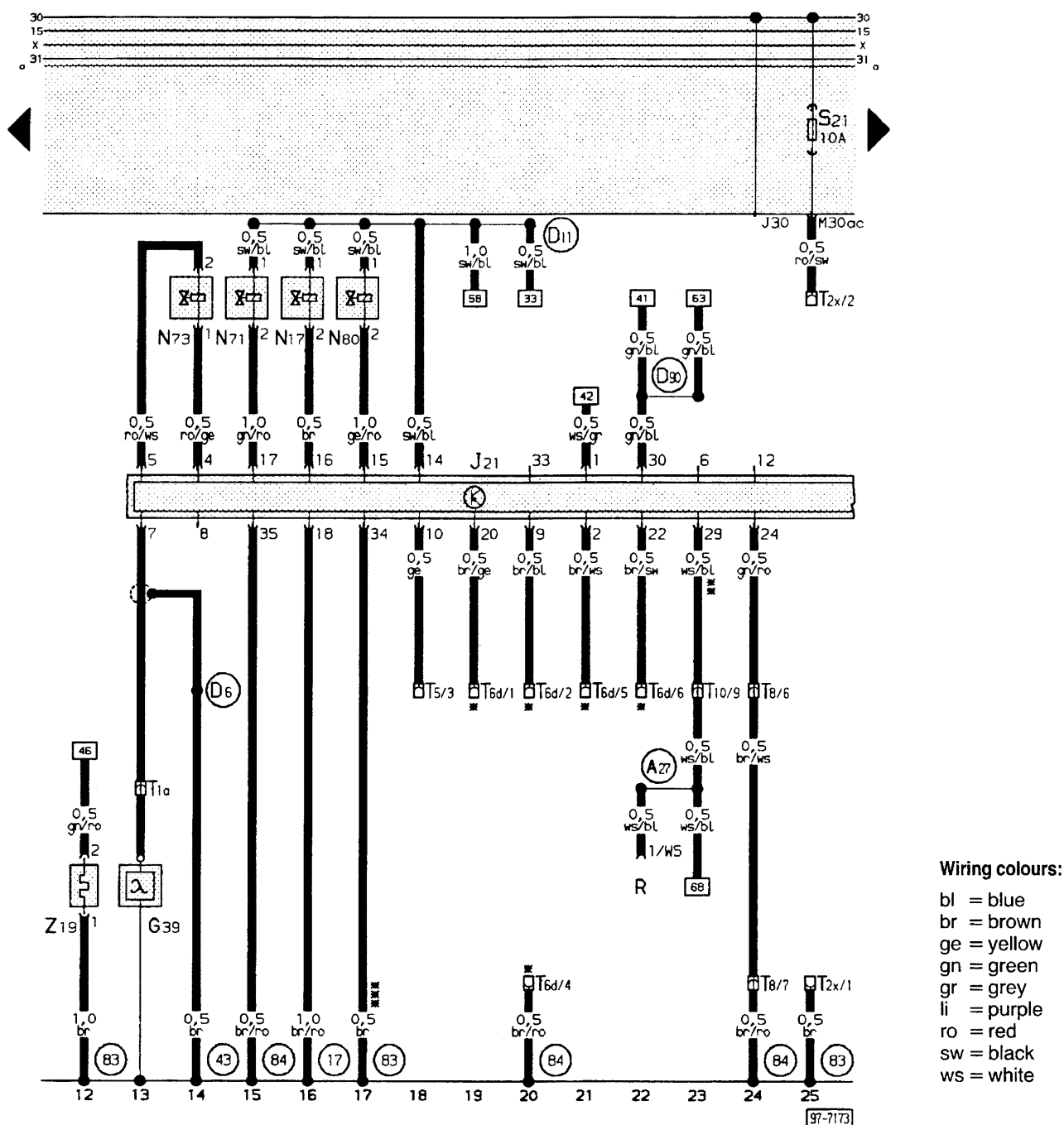
- 30 A – green
- 25 A – colourless (white)
- 20 A – yellow
- 15 A – blue
- 10 A – red
- 5 A – beige

Battery, starter, alternator



- A – Battery
- B – Starter
- C – Alternator
- C1 – Voltage regulator
- D – Ignition/starter switch
- T1 – Connector single, on bulkhead, right
- T10 – Connector 10 pin, black, connector point in aux. relay carrier
- T10a – Connector 10 pin, yellow, connector point in aux. relay carrier
- (6) – Earthing strap, engine – alternator
- (11) – Earth point, in battery box
- (A17) – Connection (61), in dash panel wiring loom

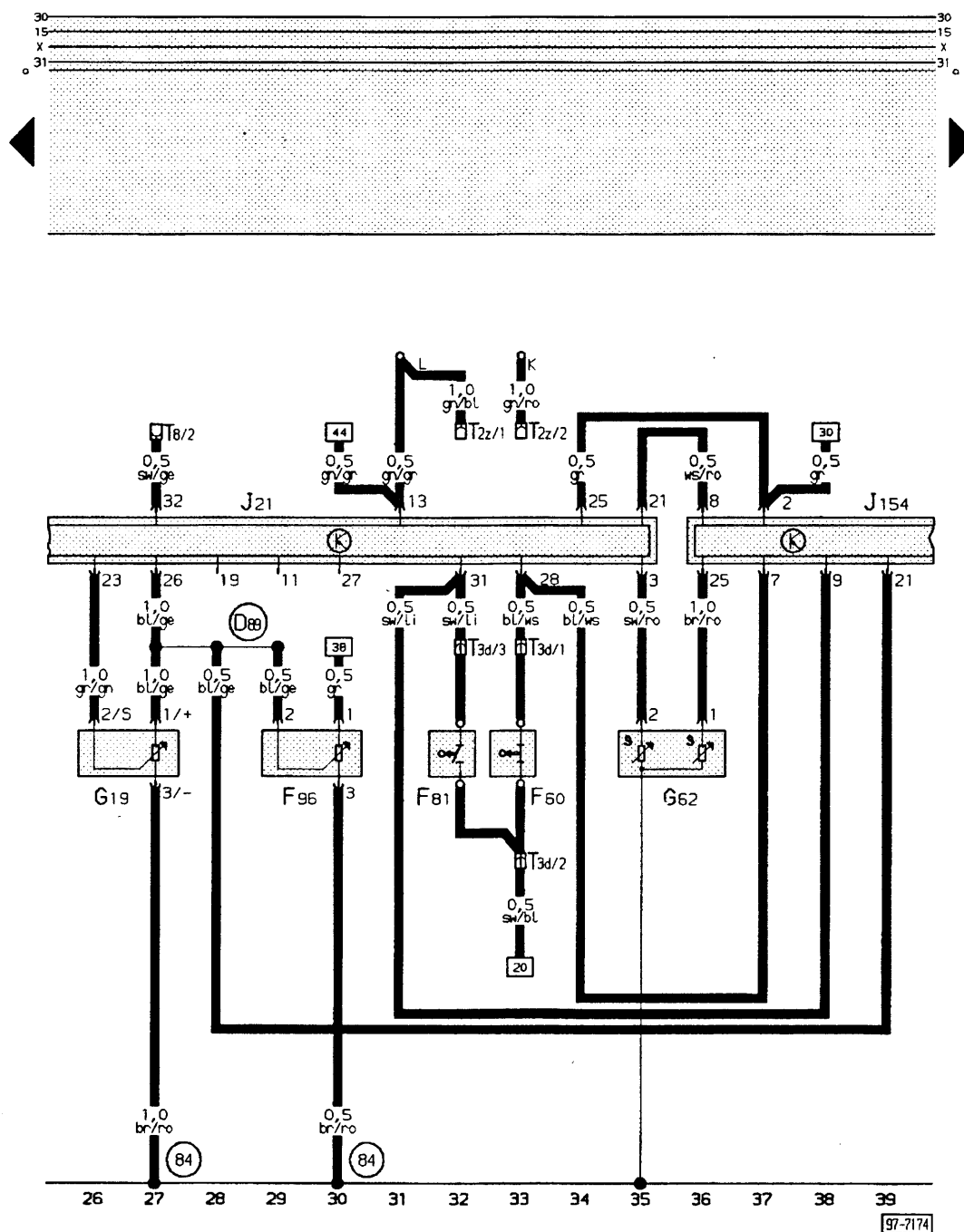
Electronic fuel injection, lambda probe



- G 39 – Lambda probe with heater
- J 21 – KE-Jetronic control unit
- N 17 – Cold start valve
- N 71 – Idling speed stabilization valve
- N 73 – Differential pressure regulator
- N 80 – Activated charcoal filter system solenoid valve I (pulsed)
- R – Connection for radio
- T 1a – Connector single, in engine compartment, right
- T 2x – Connector 2 pin, black, in plenum chamber near relay plate (diagnosis plug)
- T 5 – Connector 5 pin, black, behind dash panel
- * T 6d – Connector 6 pin, black, (coding plug), behind dash panel
- T 8 – Connector 8 pin, (coding plug), 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
- (43) – Earth point, A pillar, right lower
- (83) – Earth connection – 1 –, in front right wiring loom
- (84) – Earth connection, engine block, in front right wiring loom
- (A27) – Connection (speed signal), in dash panel wiring loom
- (D6) – Connection (Lambda), in front right wiring loom
- (D11) – Positive (+) connection (15) via fuse 28 in front right wiring loom
- (D90) – Connection (rpm signal), in engine compartment wiring loom
- * – coding plug not connected
- ** – only in Swedish export versions
- *** – only in vehicles with manual gearbox

Electronic fuel injection

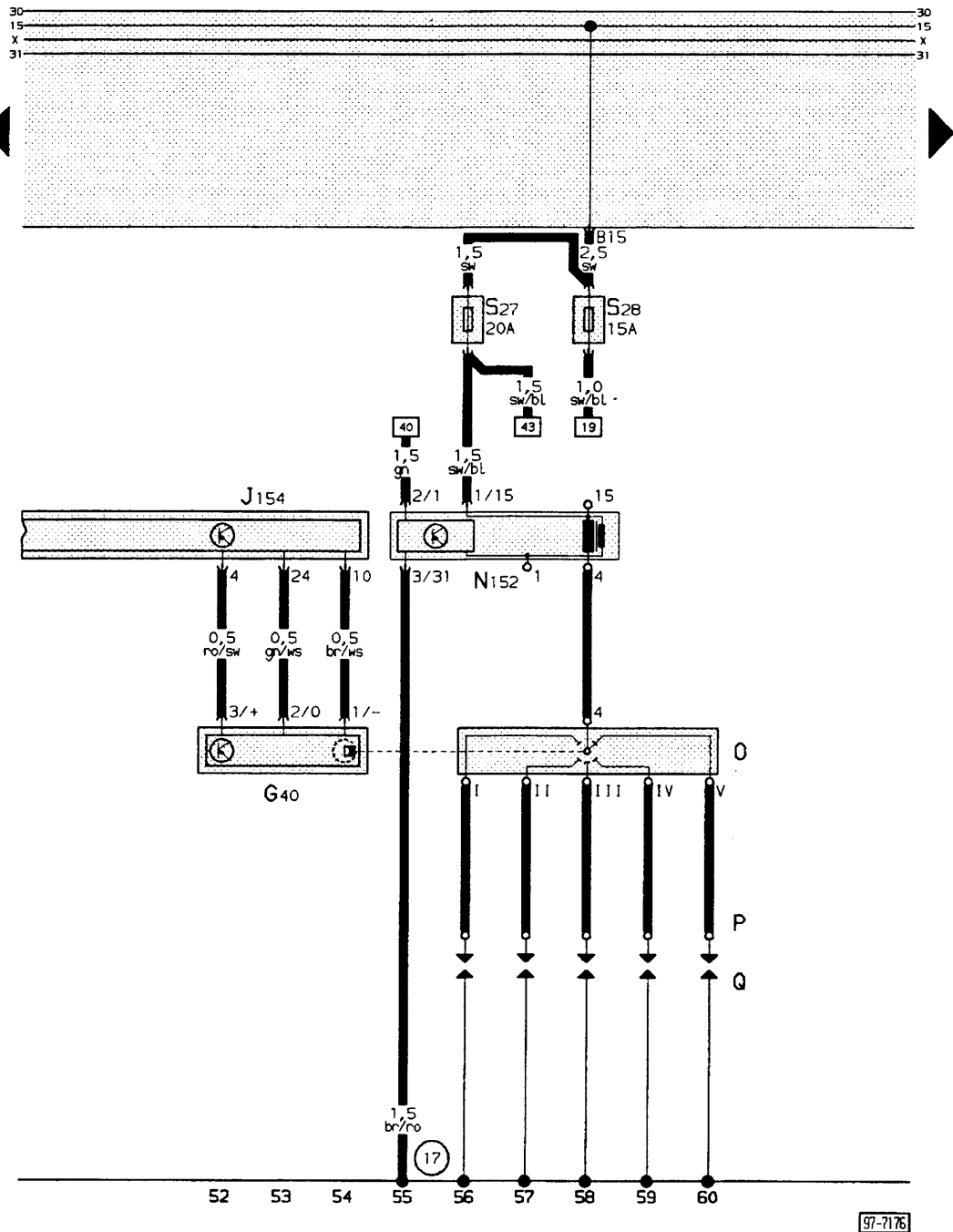


- F 60 – Idling switch
 F 81 – Full throttle switch
 F 96 – Altitude sender
 G 19 – Potentiometer for air flow meter
 G 62 – Sender for coolant temperature
 J 21 – KE-Jetronic control unit (behind heater)
 J 154 – Control unit for electronic ignition with knock control (in right footwell, bottom)
 T 2z – Connector 2 pin, white, in plenum chamber near relay plate (diagnosis plug)
 T 3d – Connector 3 pin, black, in engine compartment, right
 T 8 – Connector 8 pin (coding plug), behind dash panel
 (84) – Earth connection, engine block, in front right wiring loom
 (DB) – Connection (control units), in engine compartment wiring loom
 L – Wiring connector for diagnosis plug (L wire)
 K – Wiring connector for diagnosis plug (K wire)

Note: wiring connectors are mounted on frame of relay plate (see "Fitting Locations")

- G 6 – Fuel pump
- G 61 – Knock sensor I
- J 17 – Fuel pump relay
- J 154 – Control unit for electronic ignition with knock control (in right footwell, bottom)
- S 25 – Separate fuse for lambda probe heating
- T 3e – Connector 3 pin, blue, in engine compartment, right
- T 8 – Connector 8 pin (coding plug) behind dash panel
- ④③ – Earth point, A pillar, right, lower
- ⑤① – Earth point, luggage boot, left
- ⑧④ – Earth connection, engine block, in front right wiring loom

Ignition system



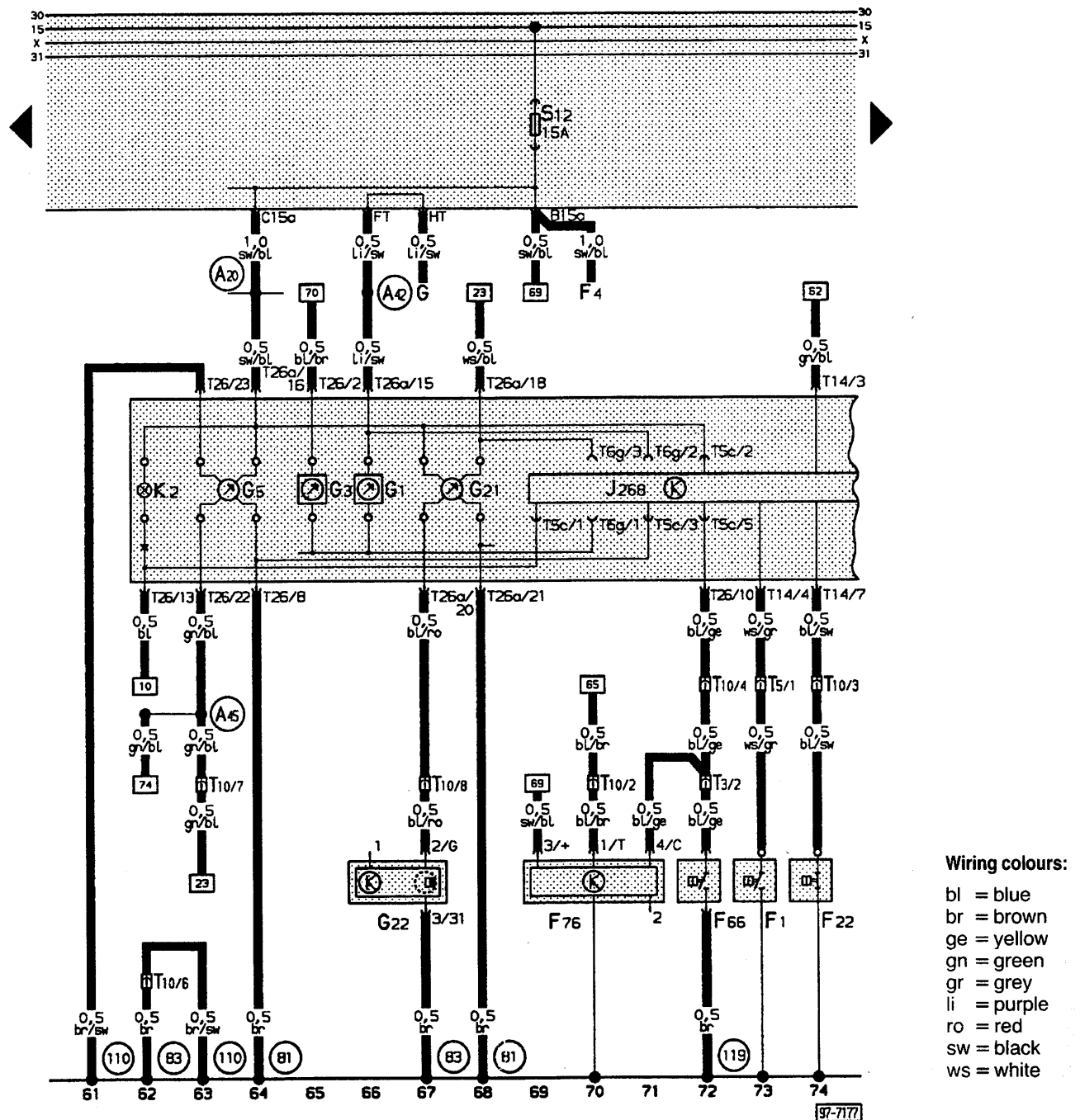
Wiring colours:

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

- G 40 – Hall sender
 J 154 – Control unit for electronic ignition with knock control (in right footwell, lower)
 N 152 – Ignition transformer
 O – Ignition distributor
 P – Spark plug connector
 Q – Spark plugs
 S 27 – Fuse in additional fuse holder (engine systems I – for electronic ignition)
 S 28 – Fuse in additional fuse holder (engine systems II – lambda closed-loop system)
 (17) – Earth point, on intake manifold

97-7176

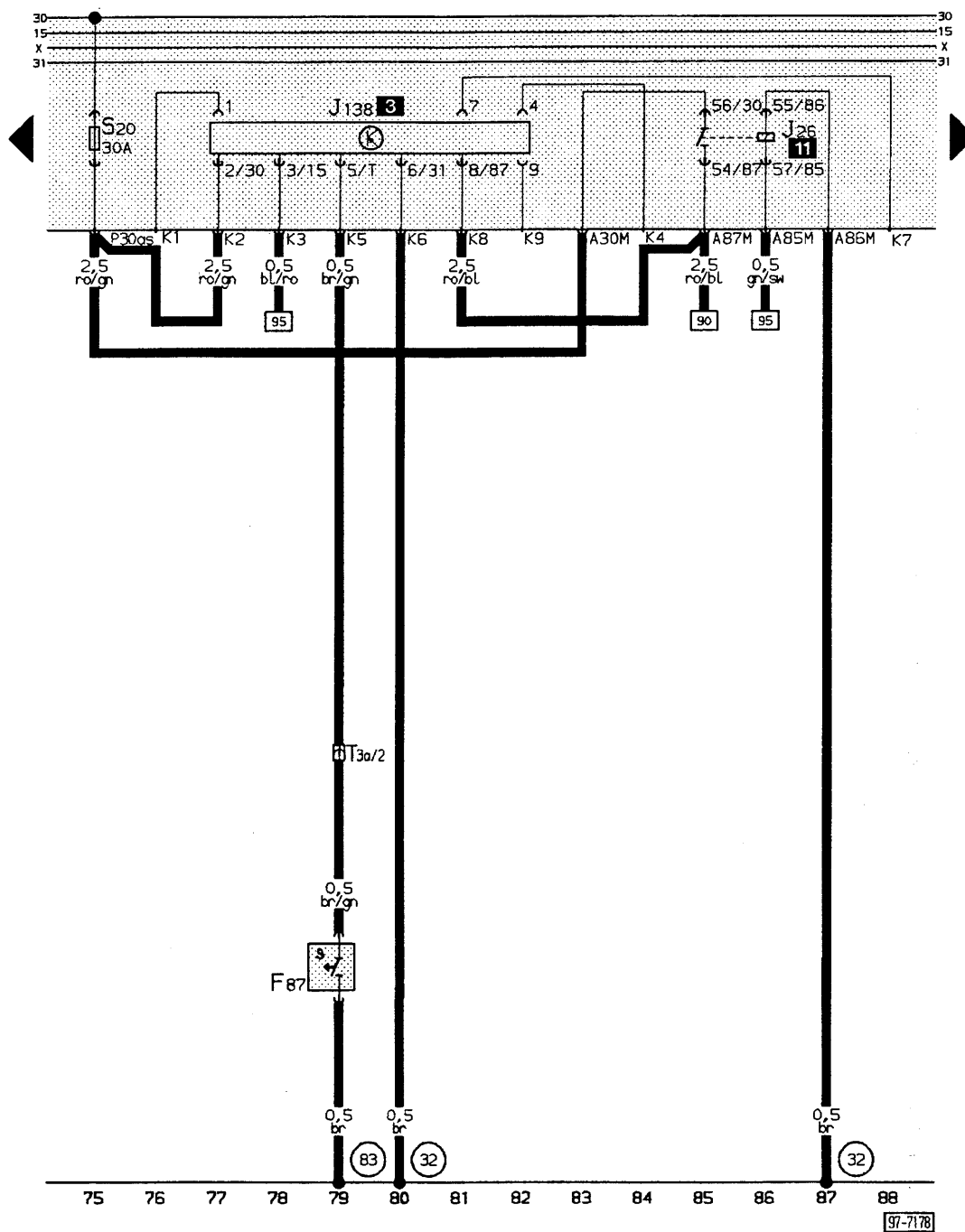
Dash panel insert, control unit for mini-check system, coolant monitor, rev. counter



- F 1 – Oil pressure switch (1.8 bar)
- F 4 – Reversing light switch
- F 22 – Oil pressure switch (0.3 bar)
- F 66 – Coolant shortage indicator switch
- F 76 – Electronic thermoswitch
- G – Fuel gauge sender
- G 1 – Fuel gauge
- G 3 – Coolant temperature gauge
- G 5 – Rev. counter
- G 21 – Speedometer
- G 22 – Speedometer sender
- J 268 – Control unit for mini-check system
- K 2 – Alternator warning lamp
- T 3 – Connector 3 pin, black, behind dash panel, left
- T 5 – Connector 5 pin, black, connector point in aux. relay carrier
- T 5c – Connector 5 pin, on dash panel insert
- T 6g – Connector 6 pin, on dash panel insert

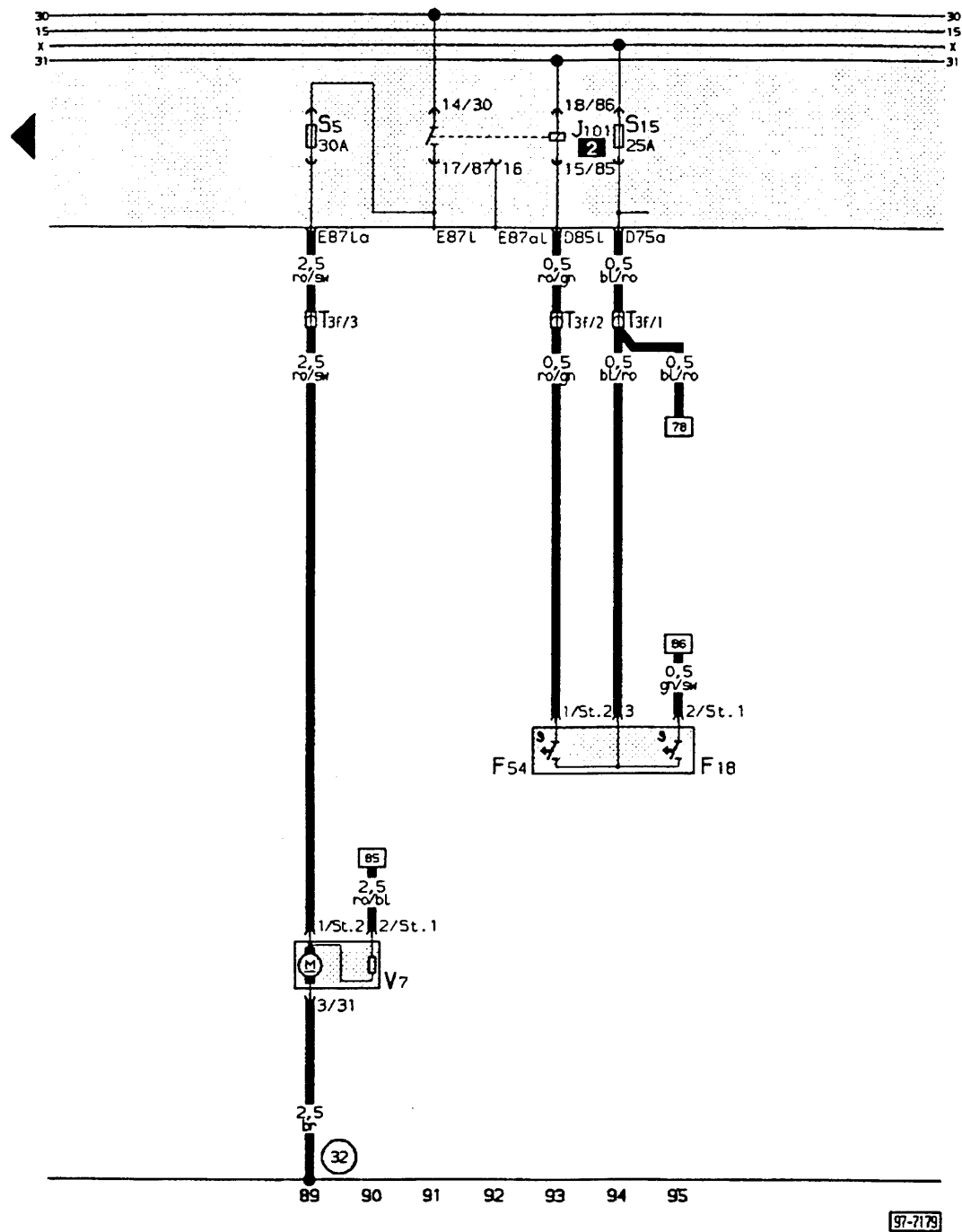
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- T 14 – Connector 14 pin, white, on dash panel insert (mini-check system)
- T 26 – Connector 26 pin, yellow, on dash panel insert
- T 26a – Connector 26 pin, blue, on dash panel insert
- ⓑ1 – Earth connection – 1 –, in dash panel wiring loom
- ⓑ3 – Earth connection – 1 –, in front right wiring loom
- ⓑ10 – Earth connection – 2 –, in dash panel wiring loom
- ⓑ19 – Earth connection – 1 –, in headlight wiring loom
- Ⓐ20 – Connection (15a), in dash panel wiring loom
- Ⓐ42 – Connection (fuel gauge), in dash panel wiring loom
- Ⓐ45 – Connection (engine speed signal), in dash panel wiring loom

Fan run-on, radiator fan



- F 87 – Thermo switch for fan run-on
- J 26 – Radiator fan relay
- J 138 – Control unit for radiator fan run-on
- T 3a – Connector 3 pin, black, behind dash panel, left
- ⊙ – Earth point, behind dash panel, left
- ⊙ – Earth connection – 1 –, in front right wiring loom

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 101 – Radiator fan 2nd stage relay
- T 3f – Connector 3 pin, green, behind dash panel, left
- V 7 – Radiator fan
- ⊙ – Earth point, behind dash panel, left