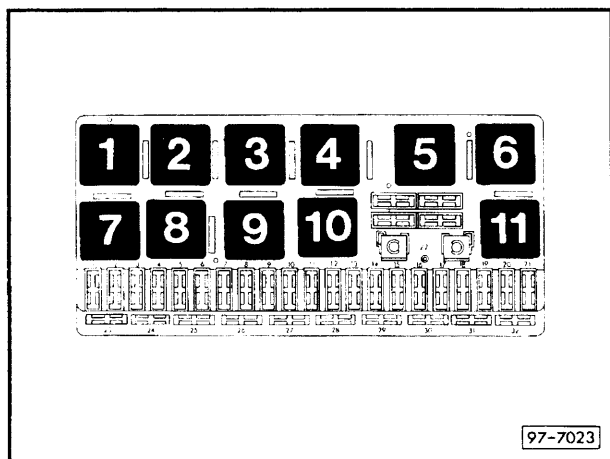


Audi 80 (2.0 litre fuel injection engine, 101 kW, K-Motronic, 4-cylinder) Engine code letters 6A

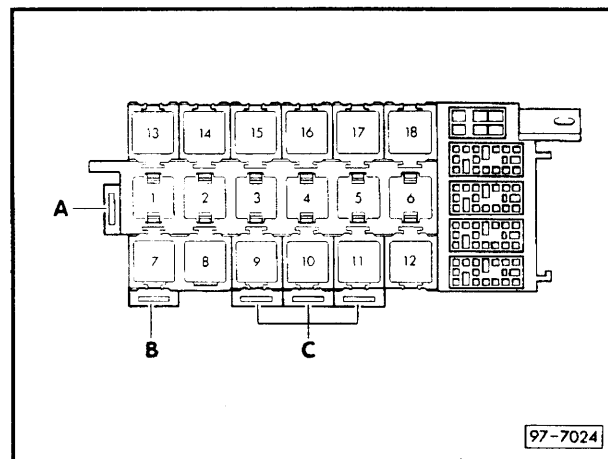
from October 1991

Position of relays:
also see "Fitting Locations"

Relay plate with fuse holder:



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



Relay positions:

- 3** – Control unit for fan run-on
- 8** – Bridge connection with manual gearbox/relay with anti-theft alarm (starter inhibitor)
- 10** – Fuel pump relay
- 11** – Radiator fan 2nd stage relay

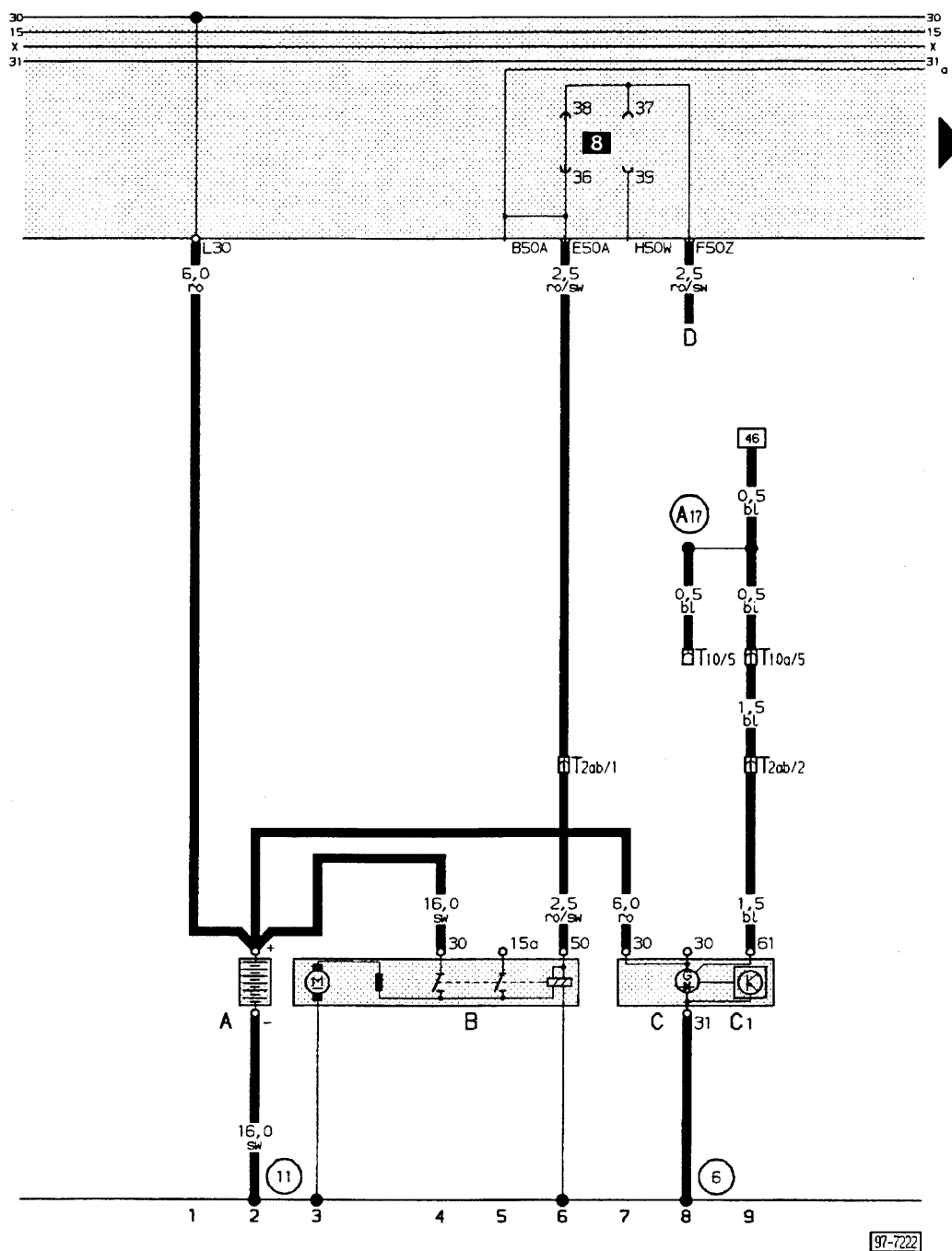
Relay positions:

- 18** – Radiator fan 3rd stage relay

Fuse colours

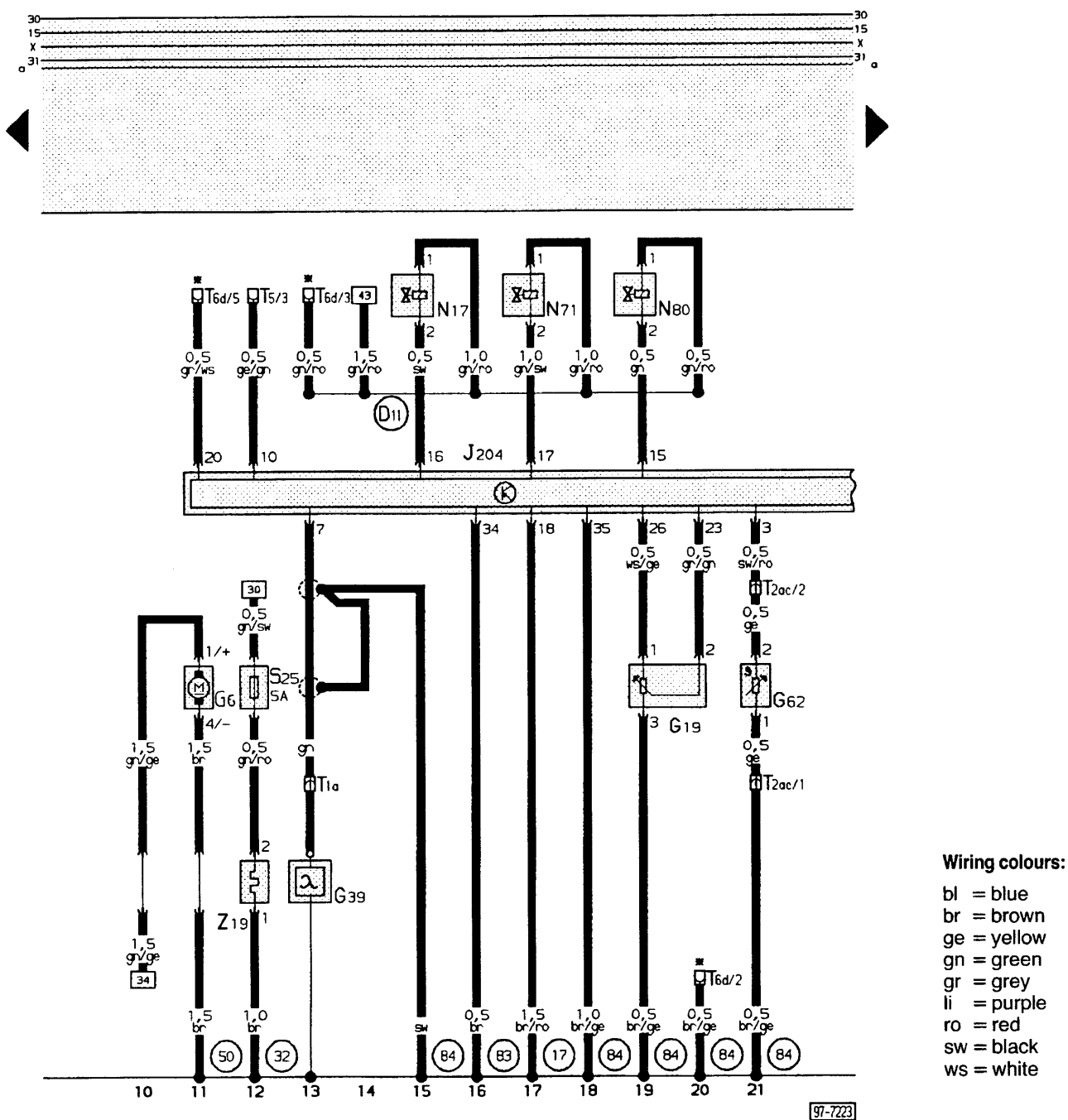
- 30 A – green
- 25 A – colourless (white)
- 20 A – yellow
- 15 A – blue
- 10 A – red
- 5 A – light brown

Battery, starter, alternator



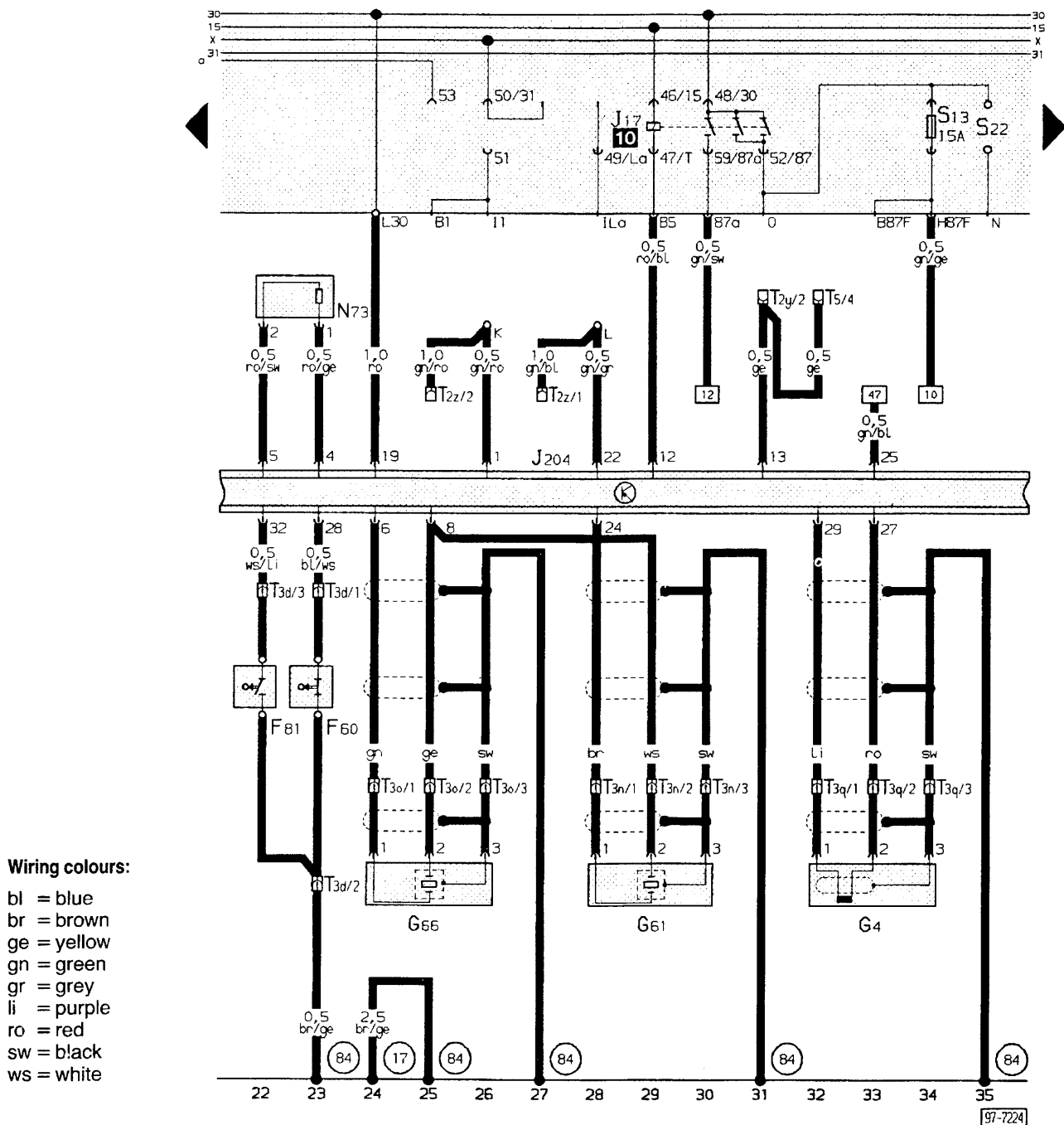
- A – Battery
- B – Starter
- C – Alternator
- C 1 – Voltage regulator
- D – Ignition/switch
- T 2ab – Connector 2 pin, grey, near starter
- T 10 – Connector 10 pin, black, connector point in aux. relay carrier
- T 10a – Connector 10 pin, yellow, connector point in aux. relay carrier
- ⑥ – Earthing strap, engine – alternator
- ⑪ – Earth point, in battery box
- Ⓐ17 – Connection (61), in dash panel wiring loom

Electronic fuel injection, lambda probe, fuel pump



- | | | | |
|-------|--|------|---|
| G 6 | – Fuel pump | Z 19 | – Heating for Lambda probe |
| G 19 | – Potentiometer for air flow meter | ①⑦ | – Earth point, on intake manifold |
| G 39 | – Lambda probe | ③② | – Earth point, behind dash panel, left |
| G 62 | – Sender for coolant temperature | ⑤① | – Earth point, luggage boot, left |
| J 204 | – KE-Motronic control unit | ⑧③ | – Earth connection – 1 –, in engine compartment wiring loom, right |
| N 17 | – Cold start valve | ⑧④ | – Earth connection, engine block, in engine compartment wiring loom, right |
| N 71 | – Idling speed stabilization valve | ⑨⑧ | – Earth connection, in rear lid wiring loom |
| N 80 | – Activated charcoal filter system solenoid valve I (pulsed) | ①① | – Positive (+) connection (15) via fuse 28 in engine compartment wiring loom, right |
| S 25 | – Separate fuse for heating for lambda probe (in additional fuse holder) | * | – coding plug not connected |
| T 1a | – Connector single, in engine compartment, right | | |
| T 2ac | – Connector 2 pin, black, in engine compartment, centre | | |
| T 5 | – Connector 5 pin, black, connector point in aux. relay carrier | | |
| T 6d | – Connector 6 pin, black, behind dash panel (coding plug) | | |

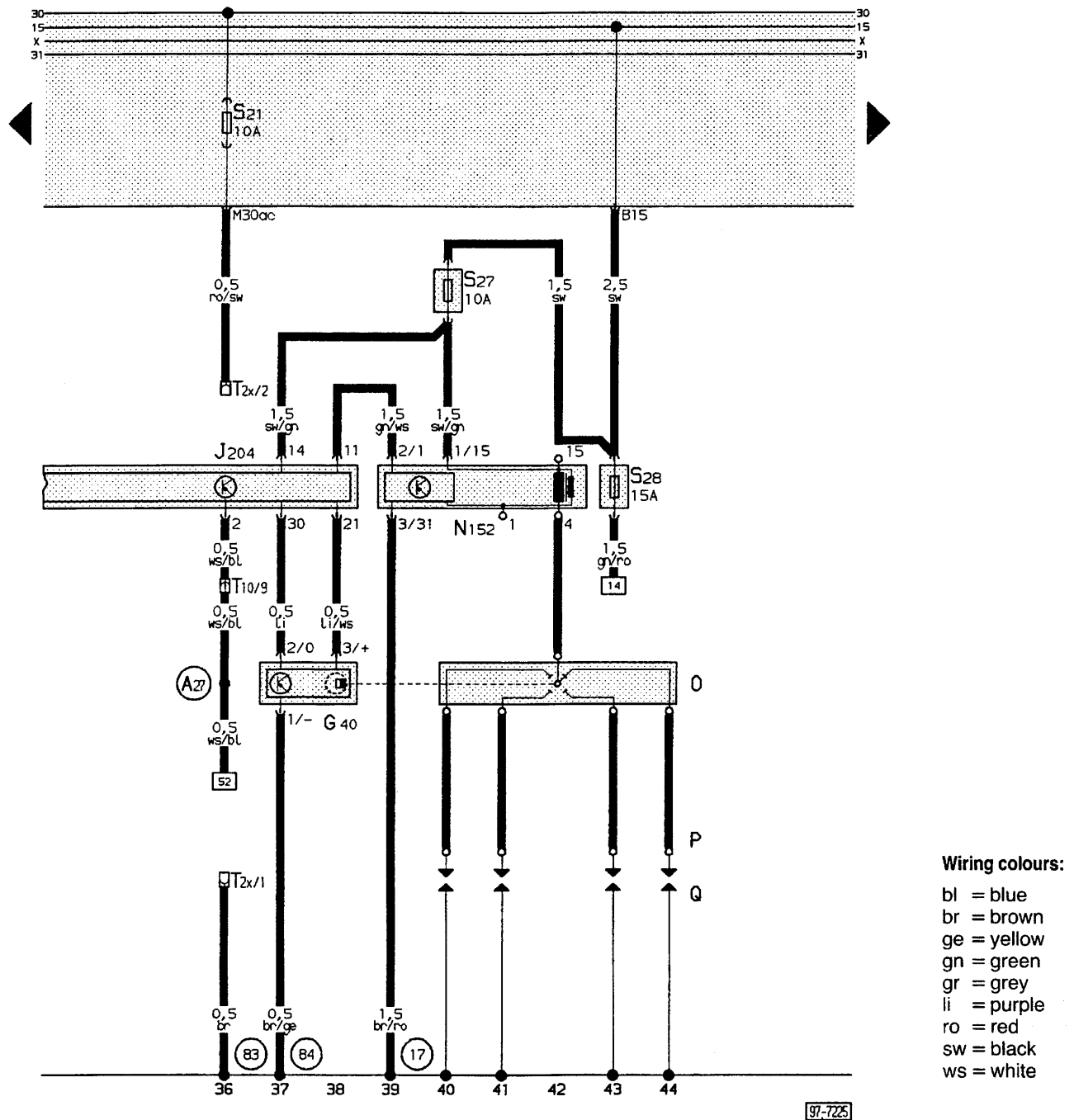
Electronic fuel injection, fuel pump relay, knock control



- F 60 – Idling switch
- F 81 – Full throttle switch
- G 4 – Firing point sender
- G 61 – Knock sensor I
- G 66 – Knock sensor II
- J 17 – Fuel pump relay
- J 204 – KE-Motronic control unit
- N 73 – Differential pressure regulator
- T 2y – Connector 2 pin, blue, in plenum chamber near relay plate (diagnosis plug)
- 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 3n – Connector 3 pin, green, for knock sensor I
- T 3o – Connector 3 pin, blue, for knock sensor II
- T 3q – Connector 3 pin, black, in engine compartment, right

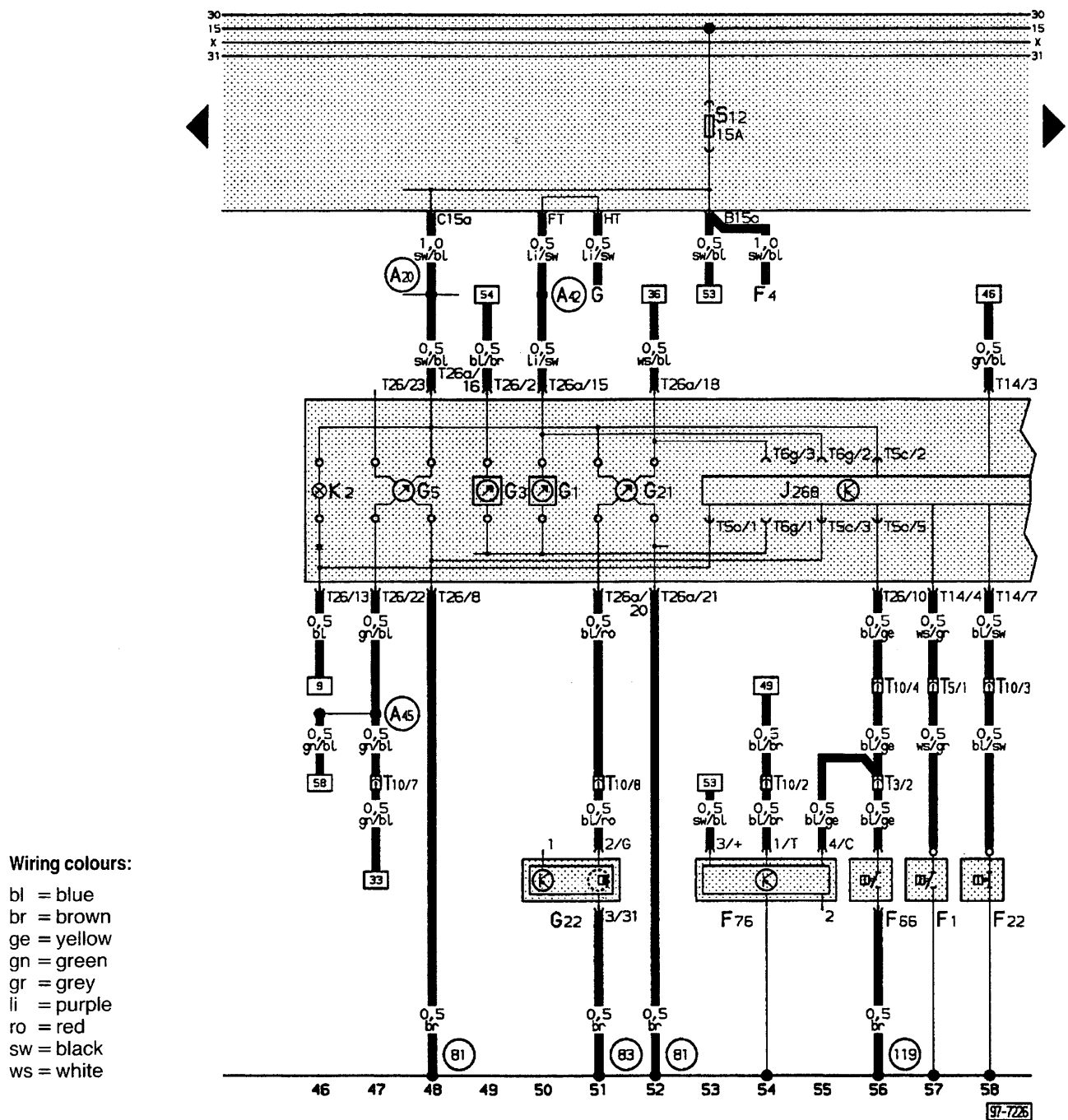
- (17) – Earth point, on intake manifold
- (84) – Earth connection, engine block, in engine compartment wiring loom, right
- K – Wiring connection for diagnosis plug (K-wire)
- L – Wiring connection for diagnosis plug (L-wire)

Electronic fuel injection, ignition



- G 40 – Hall sender
- J 204 – KE-Motronic control unit
- 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 – for lambda closed-loop control)
- T 2x – Connector 2 pin, black, 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
- ⑧③ – Earth connection – 1 –, in engine compartment wiring loom, right
- ⑧④ – Earth connection, engine block, in front right wiring loom
- Ⓐ②⑦ – Connection (speed signal), in dash panel wiring loom

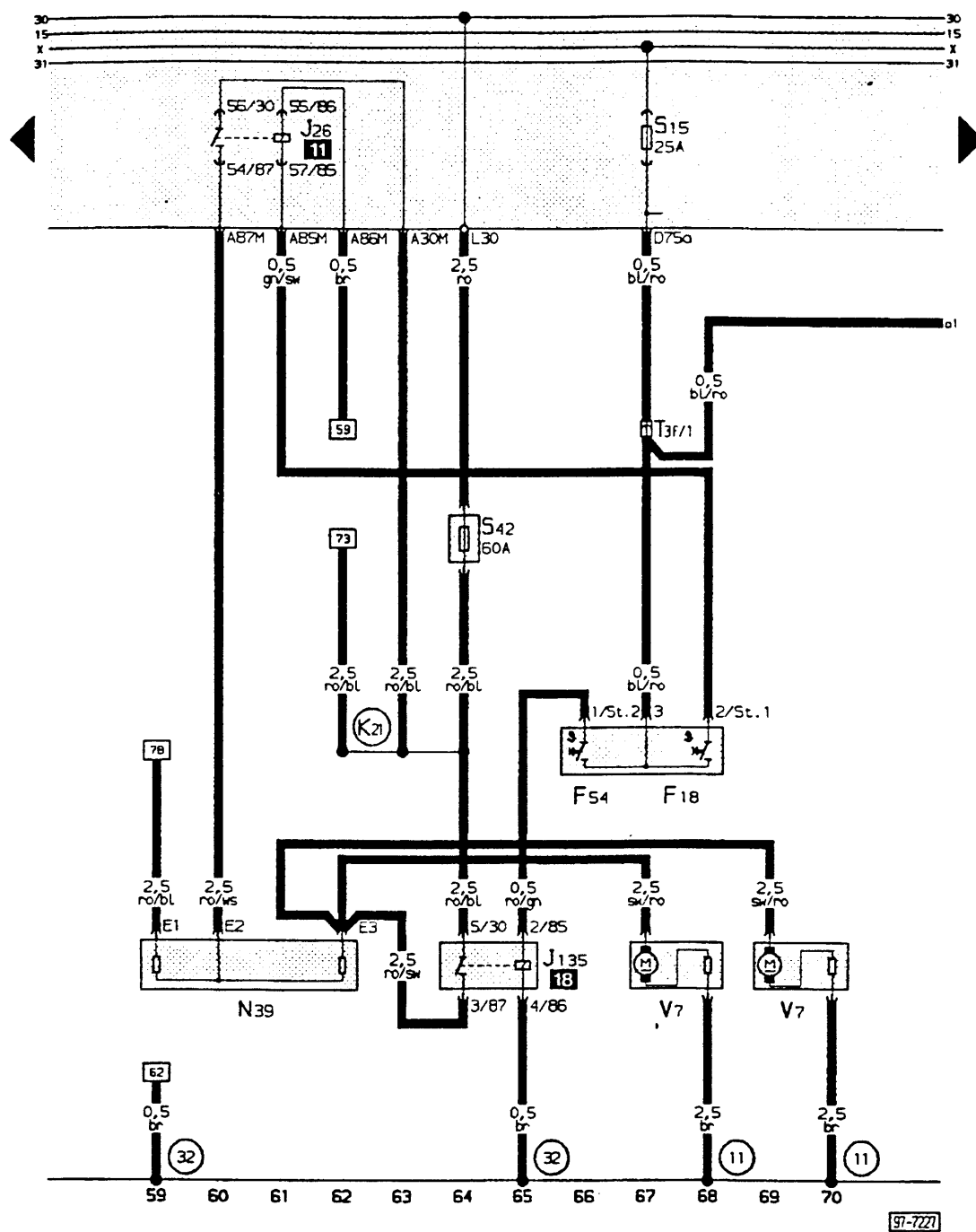
Dash panel insert, rev. counter, speedometer, coolant monitor, control unit for mini-check system



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

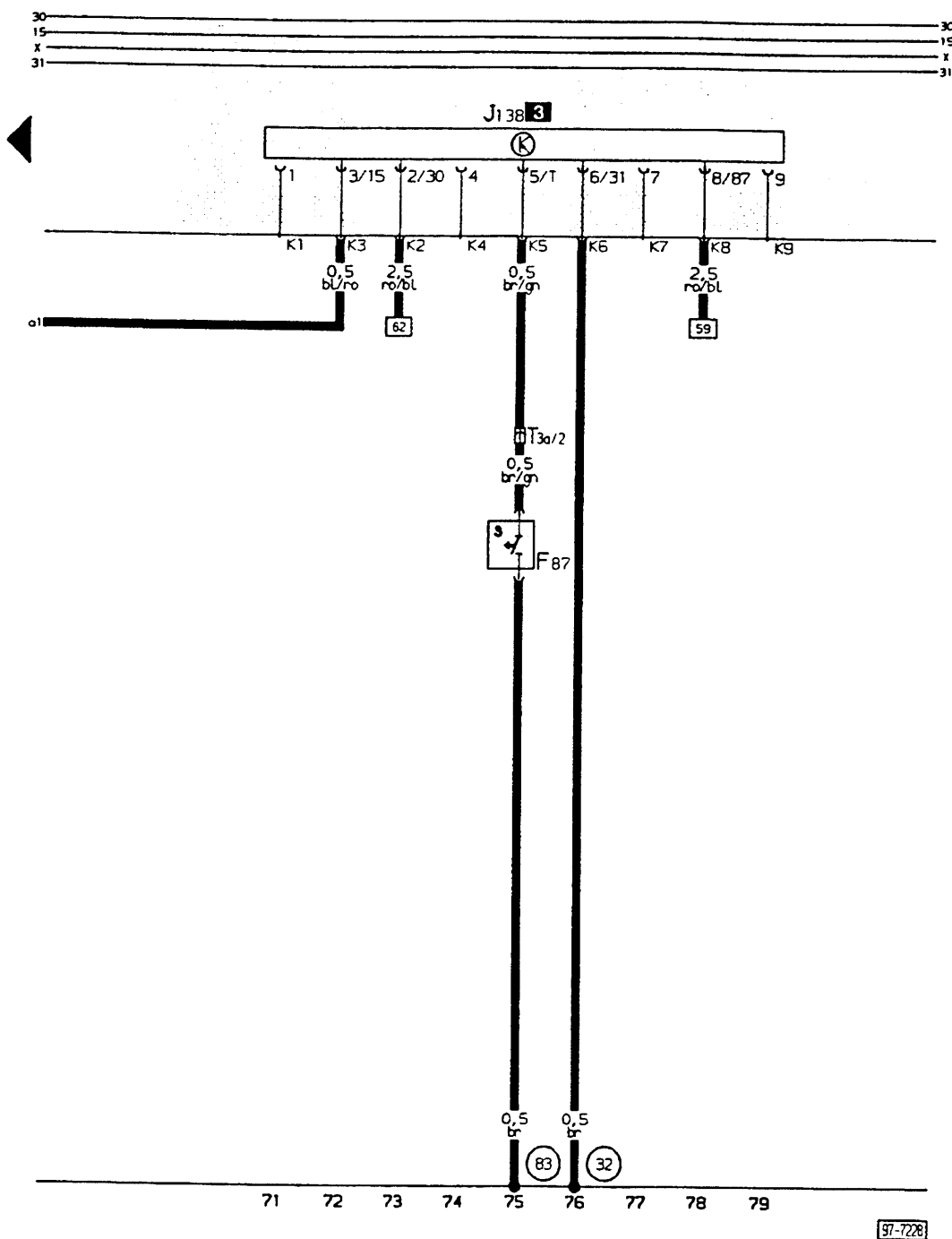
T 10 – Connector 10 pin, black, connector point in aux. relay carrier
 T 26 – Connector 26 pin, yellow, on dash panel insert
 T 26a – Connector 26 pin, blue, on dash panel insert
 ⑧1 – Earth connection – 1 –, in dash panel wiring loom
 ⑧3 – Earth connection – 1 –, in front right wiring loom
 ⑪19 – Earth connection – 1 –, in headlight wiring loom
 ⑫20 – Connection (15a), in dash panel wiring loom
 ⑫2 – Connection (fuel gauge), in dash panel wiring loom
 ⑫5 – Connection (engine speed signal), in dash panel wiring loom

Radiator fan



- F 18 – Radiator fan thermo switch
- F 54 – Radiator fan thermo switch
- J 26 – Radiator fan relay
- J 135 – Radiator fan relay, 3rd stage
- N 39 – Radiator fan series resistance
- S 42 – Separate fuse for radiator fan (on aux. relay carrier)
- T 3f – Connector 3 pin, green, behind dash panel, left
- V 7 – Radiator fan
- ⑪ – Earth point, in battery box
- ⑫ – Earth point, behind dash panel, left
- ⑬ – Connection – 1 –, in radiator fan wiring loom

Fan run-on



Wiring colours:

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

- F 87 – Thermoswitch for fan run-on
 J 138 – Control unit for radiator fan run-on
 T 3a – Connector 3 pin, black, behind dash panel, left
 32 – Earth point, behind dash panel, left
 83 – Earth connection – 1 –, in engine compartment wiring loom, right