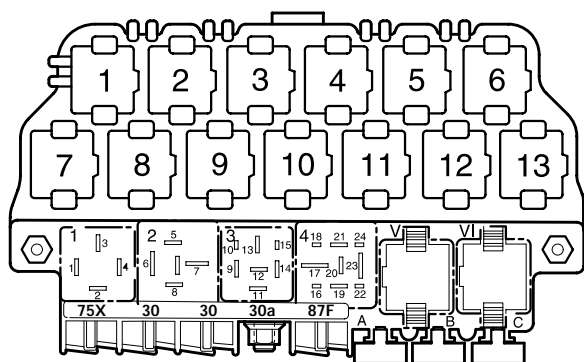


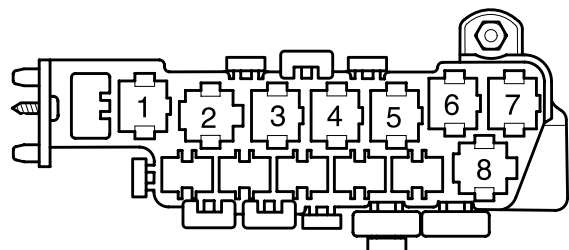
1.8 Itr./110 kW Motronic, engine code AEB,

from August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-20676



97-20515

Relay locations on 13 position additional relay carrier, above relay plate:

Relay locations on relay plate:

4 Fuel pump relay (208)

Relay locations on the 8 position additional relay carrier, behind the relay plate:

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - lilac

Note:

The number in brackets behind the part designation denotes the control number on the housing.



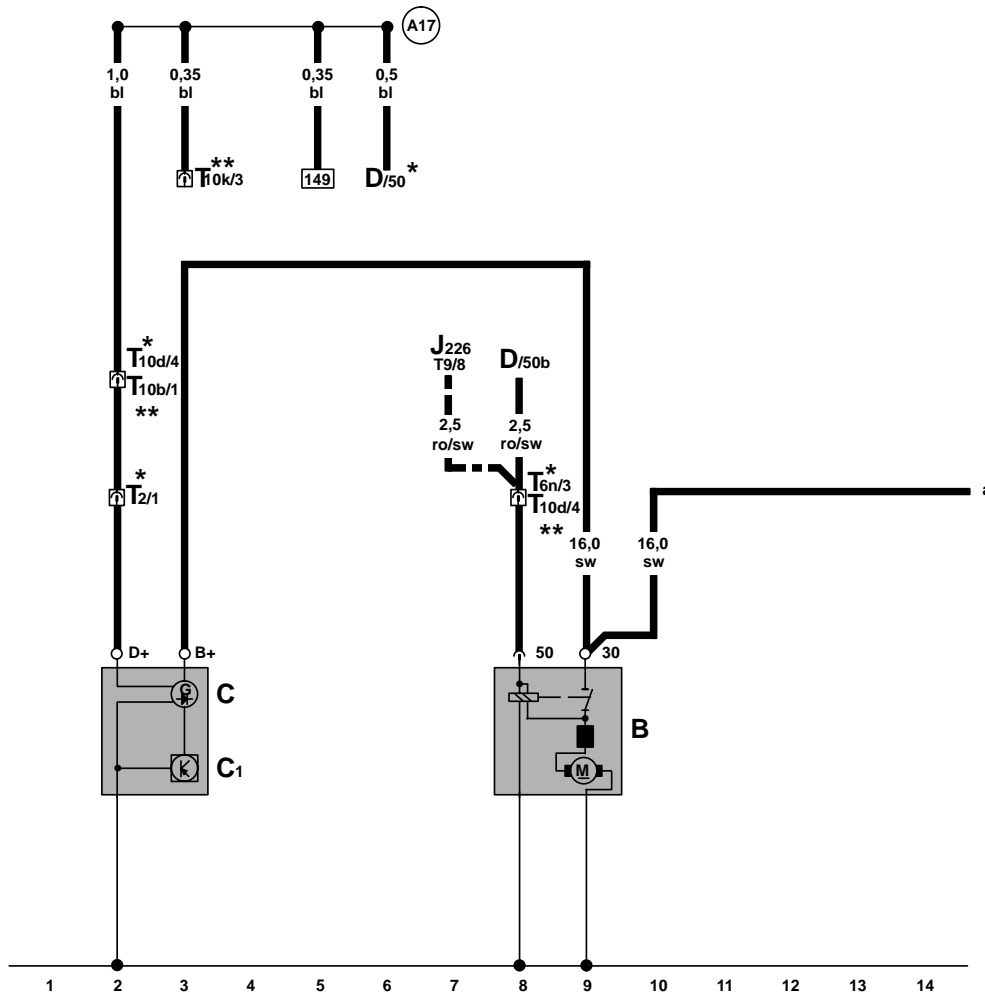
Starter, alternator

- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- J226 - Starter inhibitor and reversing light relay
- T2 - 2-pin connector, right on engine block
- T6n - 6-pin connector, red, on protective housing for control units, left in engine compartment
- T9 - 9-pin connector, on starter inhibitor relay
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10d - 10-pin connector, brown, on protective housing for control units, left in engine compartment
- T10k - 10-pin connector, grey, coupling station left A-pillar

(A17) - Connection (61), in dash panel wiring harness

* - Up to July 1998

** - From August 1998



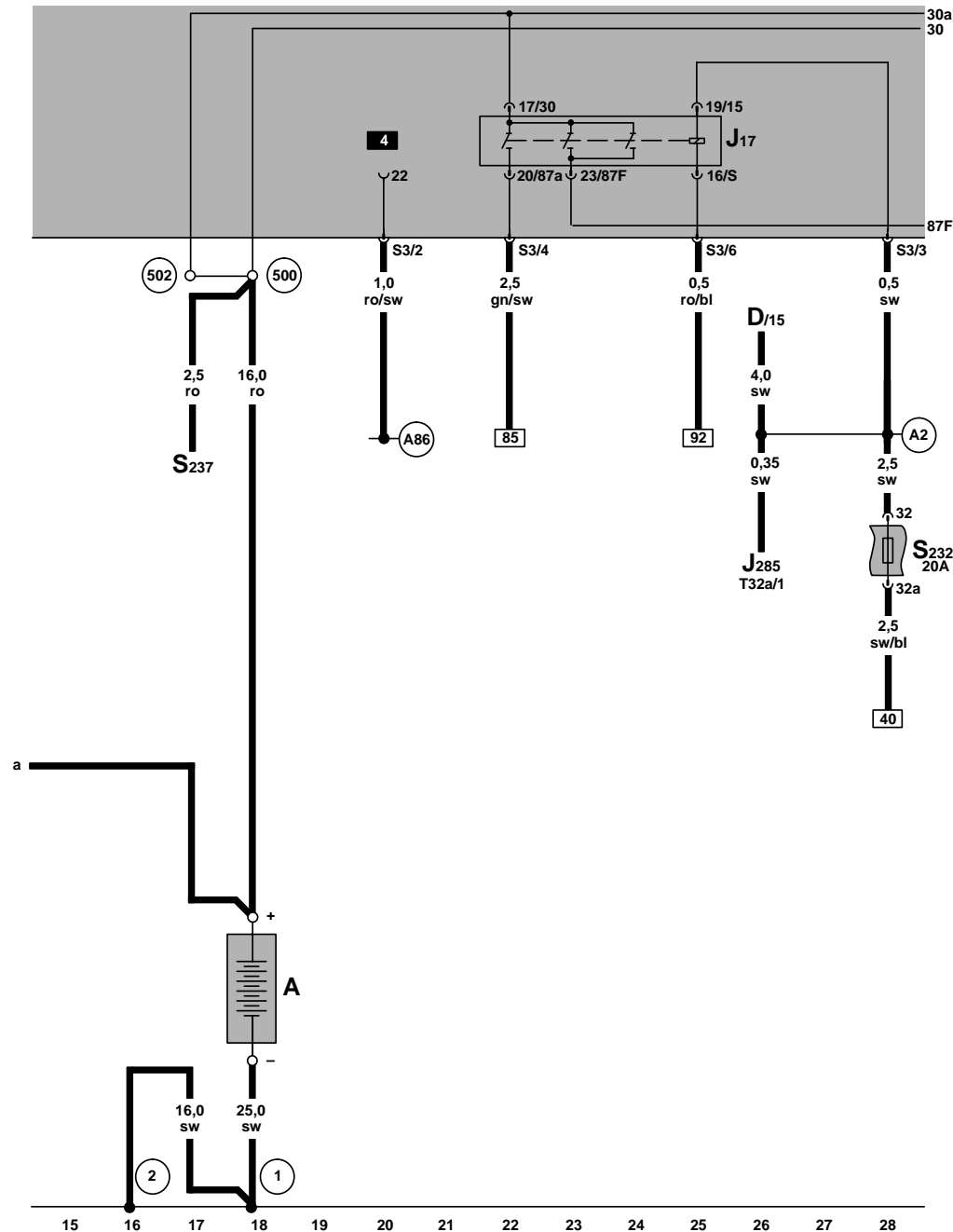
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 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow

97-24125

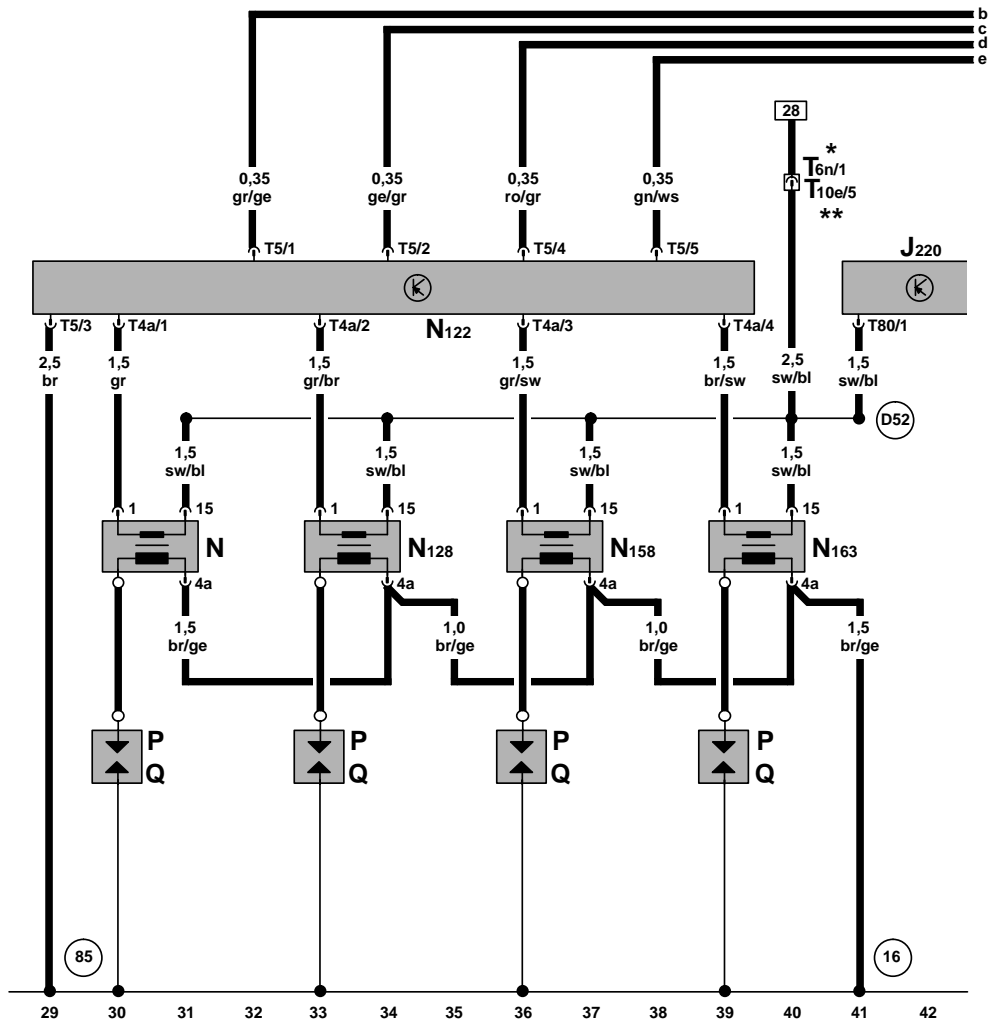
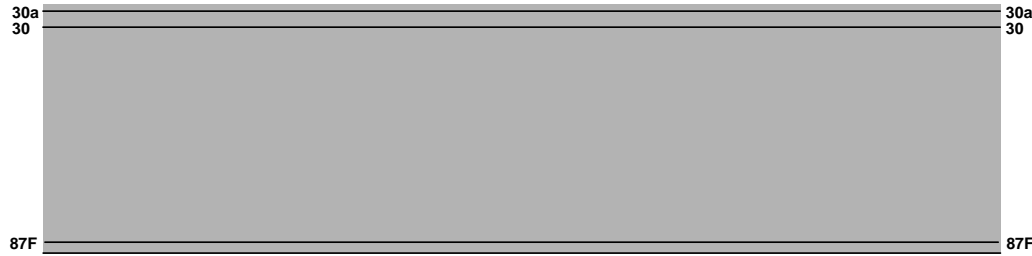
Battery, fuel pump relay

- A - Battery
- D - Ignition/starter switch
- J17 - Fuel pump relay, control number (208)
- J285 - Control unit with display in dash panel insert, in dash panel insert
- S232 - Fuse in fuse holder
- S237 - Fuse in fuse holder
- T32a - 32-pin connector, blue, on dash panel insert

- ① - Earth strap, battery body
- ② - Earth strap, gearbox - body
- 500 - Screw connection -1- (30), on relay plate
- 502 - Screw connection -1- (30a), on relay plate
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A86 - Connection (50a), in dash panel wiring harness



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



97-24127

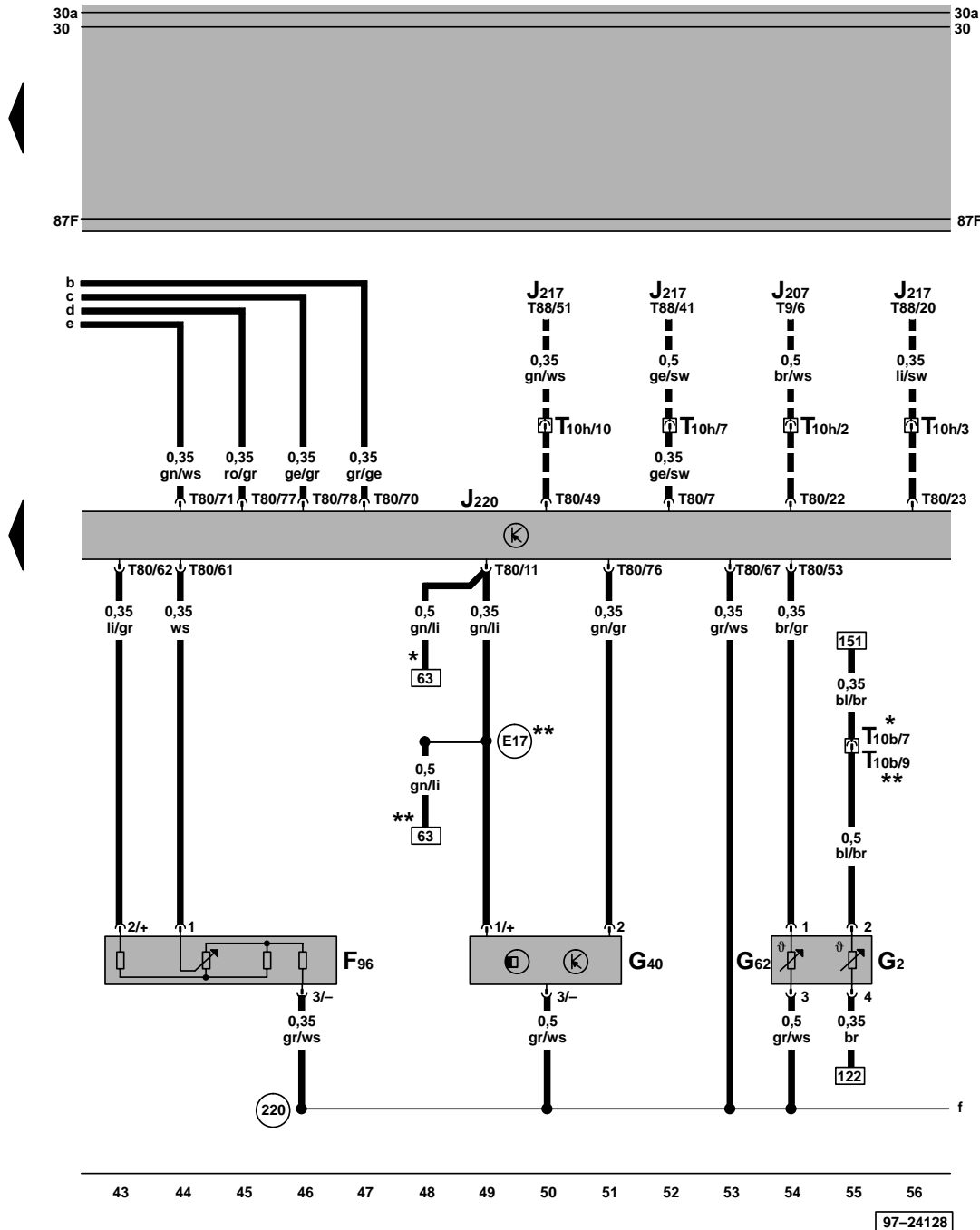
Motronic control unit, ignition system

- J220 – Motronic control unit, in protective housing, left in engine compartment
- N – Ignition coil 1
- N122– Final output stage
- N128– Ignition coil 2
- N158– Ignition coil 3
- N163– Ignition coil 4
- P – Spark plug connector
- Q – Flame plug
- T4a – 4-pin connector, black, on output stage for ignition coils
- T5 – 5-pin connector, black, on output stage for ignition coils
- T6n – 6-pin connector, red, on protective housing for control units, left in engine compartment
- T10e – 10-pin connector, orange, on protective housing for control units, left in engine compartment
- T80 – 80-pin connector, on Motronic control unit

- (16) – Earth point -1-, on cylinder head cover
- (85) – Earth connection -1-, in engine compartment wiring harness
- (D52) – Positive connection (15a ignition coils control unit), in engine compartment wiring harness

- * – Up to July 1998
- ** – From August 1998

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



Motronic control unit, altitude sender, Hall sender, coolant temperature sender

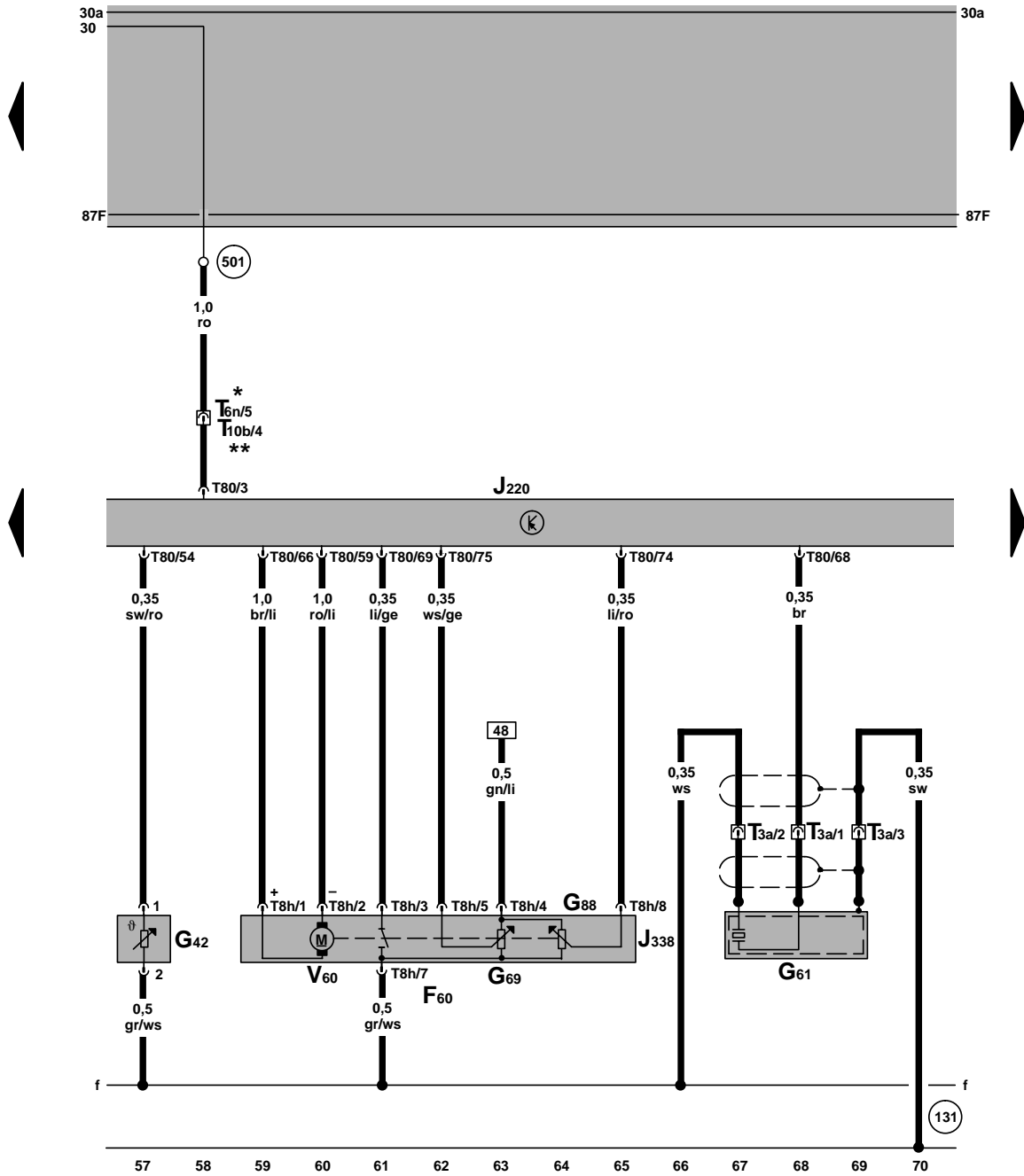
- F96 - Elevation sender
- G2 - Coolant temperature sender
- G40 - Hall sender
- G62 - Coolant temperature sender
- J207 - Starter inhibitor relay
- J217 - Automatic gearbox control unit, in front right footwell
- J220 - Motronic control unit, in protective housing, left in engine compartment
- T9 - 9-pin connector, on starter inhibitor relay
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10h - 10-pin connector, blue, on protective housing for control units, left in engine compartment
- T80 - 80-pin connector, on Motronic control unit
- T88 - 88-pin connector, on automatic gearbox control unit

- (220) - Earth connection (sender earth), in engine wiring harness
- (E17) - Connection -2- in Motronic wiring harness, from August 1998

- * - Up to July 1998
- ** - From August 1998
- - - For vehicles with automatic gearbox only

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

Motronic control unit, knock sensor I, throttle valve control part, intake air temperature sender



- F60 - Idling switch
- G61 - Knock sensor I
- G69 - Throttle valve potentiometer
- G42 - Intake air temperature sender
- G88 - Throttle valve positioner potentiometer
- J220 - Motronic control unit, in protective housing, left in engine compartment
- J338 - Throttle valve control unit
- T3a - 3-pin connector, green, left on bulkhead
- T6n - 6-pin connector, red, on protective housing for control units, left in engine compartment
- T8h - 8-pin connector, on throttle valve control part
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10d - 10-pin connector, brown, on protective housing for control units, left in engine compartment (air conditioning system)
- T80 - 80-pin connector, on Motronic control unit
- V60 - Throttle valve positioner
- (131) - Earth connection -2-, in engine compartment wiring harness
- (501) - Screw connection -2- (30), on relay plate
- * - Up to July 1998
- ** - From August 1998

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

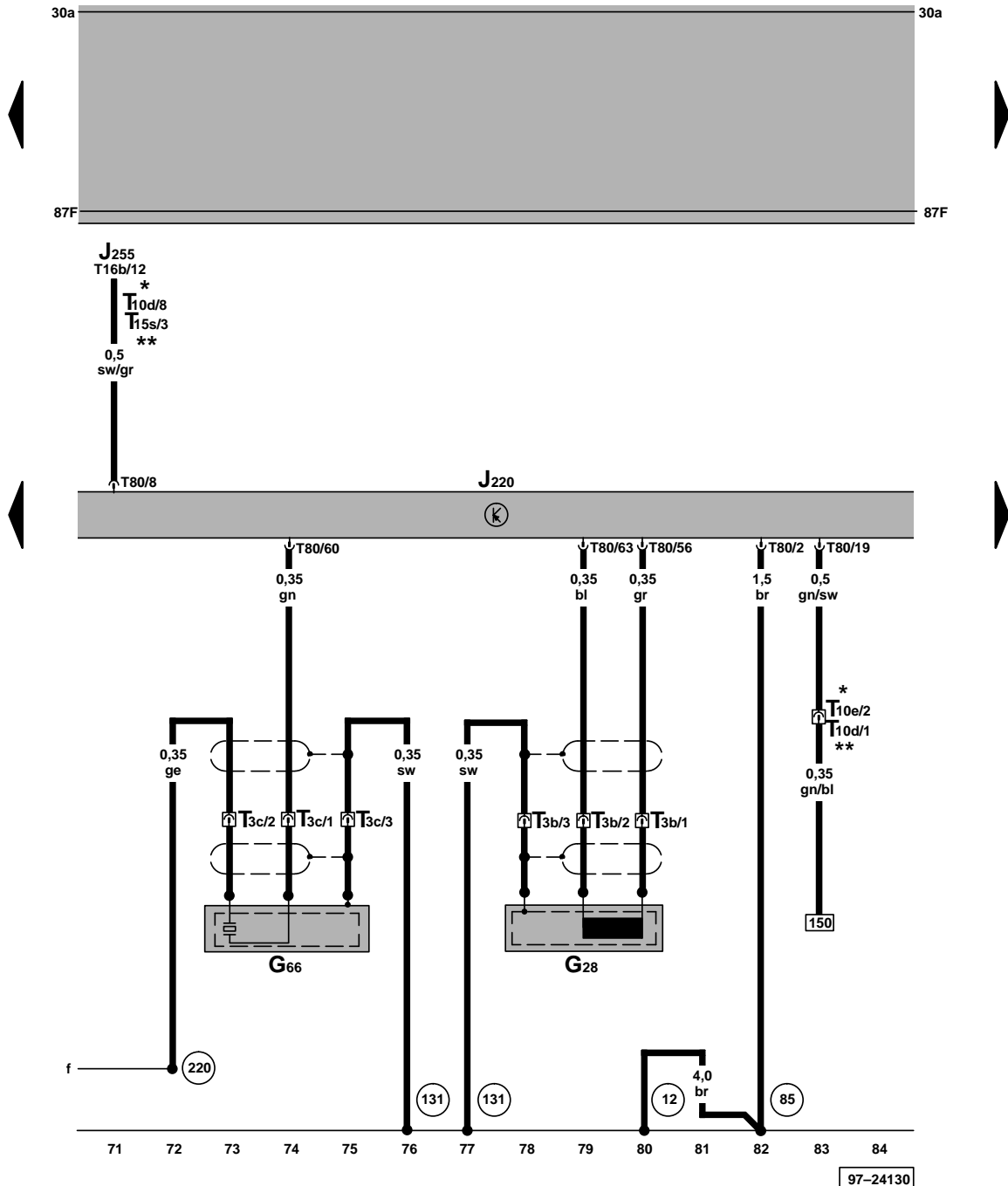
Motronic control unit, knock sensor II, engine speed sender

- G28 - Engine speed sender
- G66 - Knock sensor II
- J220 - Motronic control unit, in protective housing, left in engine compartment
- J255 - Climatronic control unit
- T3b - 3-pin connector, grey, left on bulkhead
- T3c - 3-pin connector, blue, left on bulkhead
- T10d - 10-pin connector, brown, on protective housing, left in engine compartment
- T10e - 10-pin connector, yellow, on protective housing, left in engine compartment
- T15s - 15-pin connector, red, on protective housing for control units, left in engine compartment
- T16b - 16-pin connector, on Climatronic control unit
- T80 - 80-pin connector, on Motronic control unit

- (12) - Earth point, in engine compartment, left
- (85) - Earth connection -1-, in engine compartment wiring harness
- (131) - Earth connection -2-, in engine compartment wiring harness
- (220) - Earth connection (sender earth), in engine wiring harness

- * - Up to July 1998
- ** - From August 1998

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



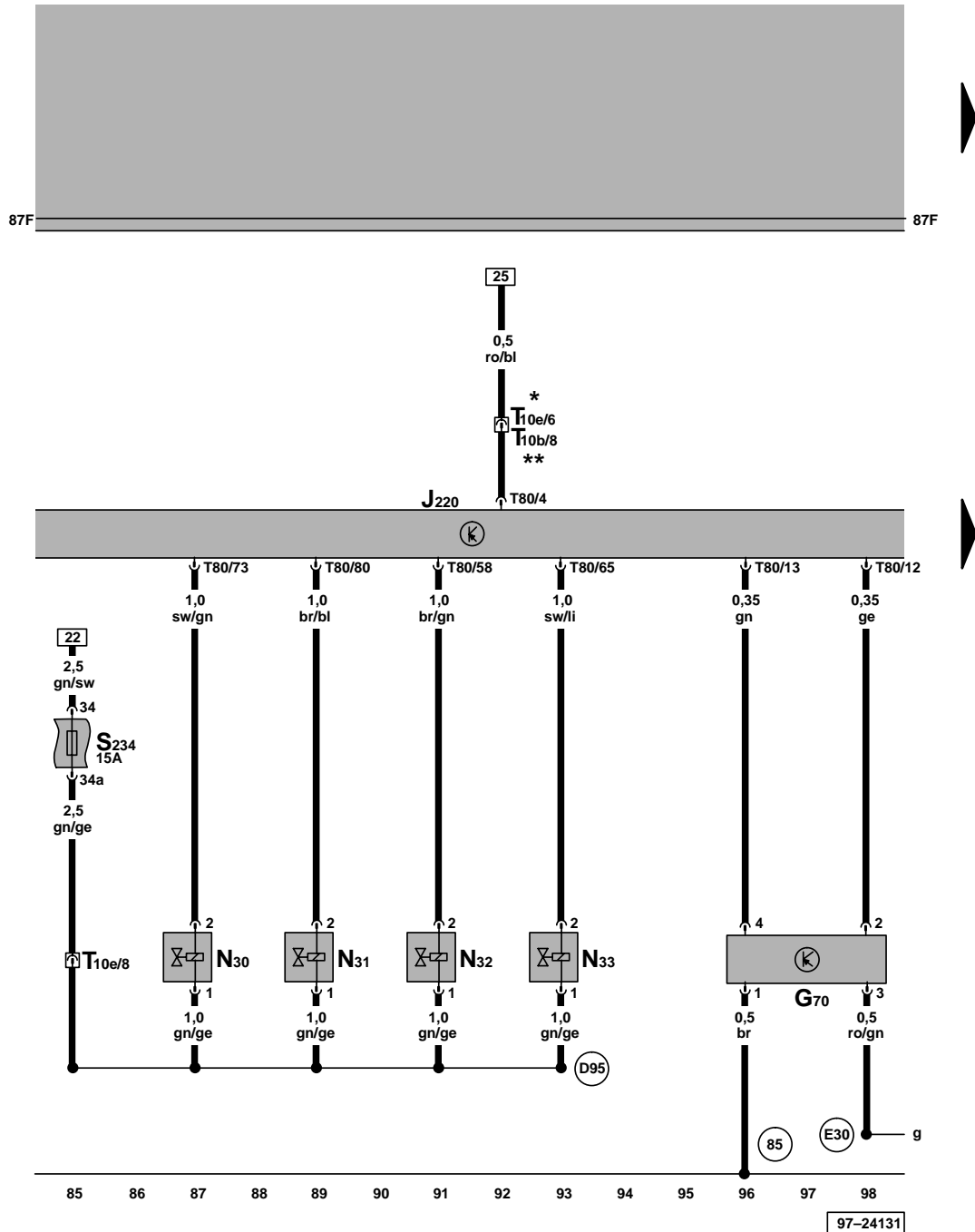
Motronic control unit, injectors, air mass meter

- G70 - Air mass meter
- J220 - Motronic control unit, in protective housing, left in engine compartment
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- S234 - Fuse in fuse holder
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10e - 10-pin connector, orange, on protective housing for control units, left in engine compartment
- T80 - 80-pin connector, on Motronic control unit

- (85) - Earth connection -1-, in engine compartment wiring harness
- (D95) - Connection (injectors), in engine compartment wiring harness
- (E30) - Connection (87a), in engine wiring harness

- * - Up to July 1998
- ** - From August 1998

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



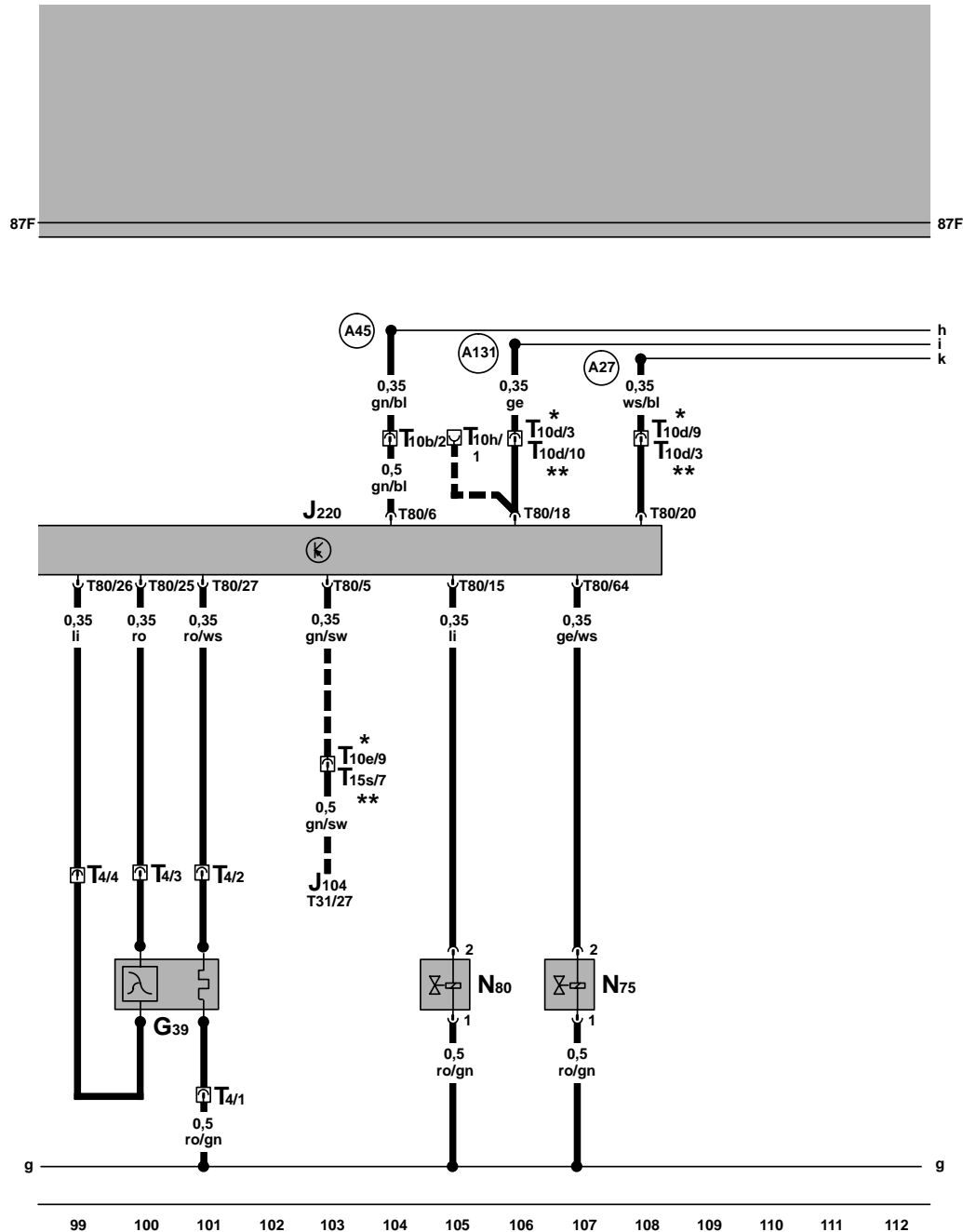
97-24131

Motronic control unit, Lambda probe, activated charcoal filter system solenoid valvecharge, charge pressure control solenoid valve

- G39 - Lambda probe
- J104 - ABS with EDL control unit
- J220 - Motronic control unit, in protective housing, left in engine compartment
- N75 - Charge pressure control solenoid valve
- N80 - Activated charcoal filter system solenoid valve I (pulsed)
- T4 - 4-pin connector
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10d - 10-pin connector, brown, on protective housing for control units, left in engine compartment
- T10e - 10-pin connector, orange, on protective housing for control units, left in engine compartment
- T10h - 10-pin connector, blue, on protective housing for control units, left in engine compartment
- T15s - 15-pin connector, red, on protective housing for control units, left in engine compartment
- T31 - 31-pin connector, on ABS with EDL control unit
- T80 - 80-pin connector, on Motronic control unit

- (A27) - Connection (speed signal), in dash panel wiring harness
- (A45) - Connection (engine speed signal), in dash panel wiring harness
- (A131) - Connection (fuel consumption signal), in dash panel wiring harness
- (E30) - Connection (87a), in engine wiring harness
- - - For vehicles with automatic gearbox only
- * - Up to July 1998
- ** - From August 1998

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

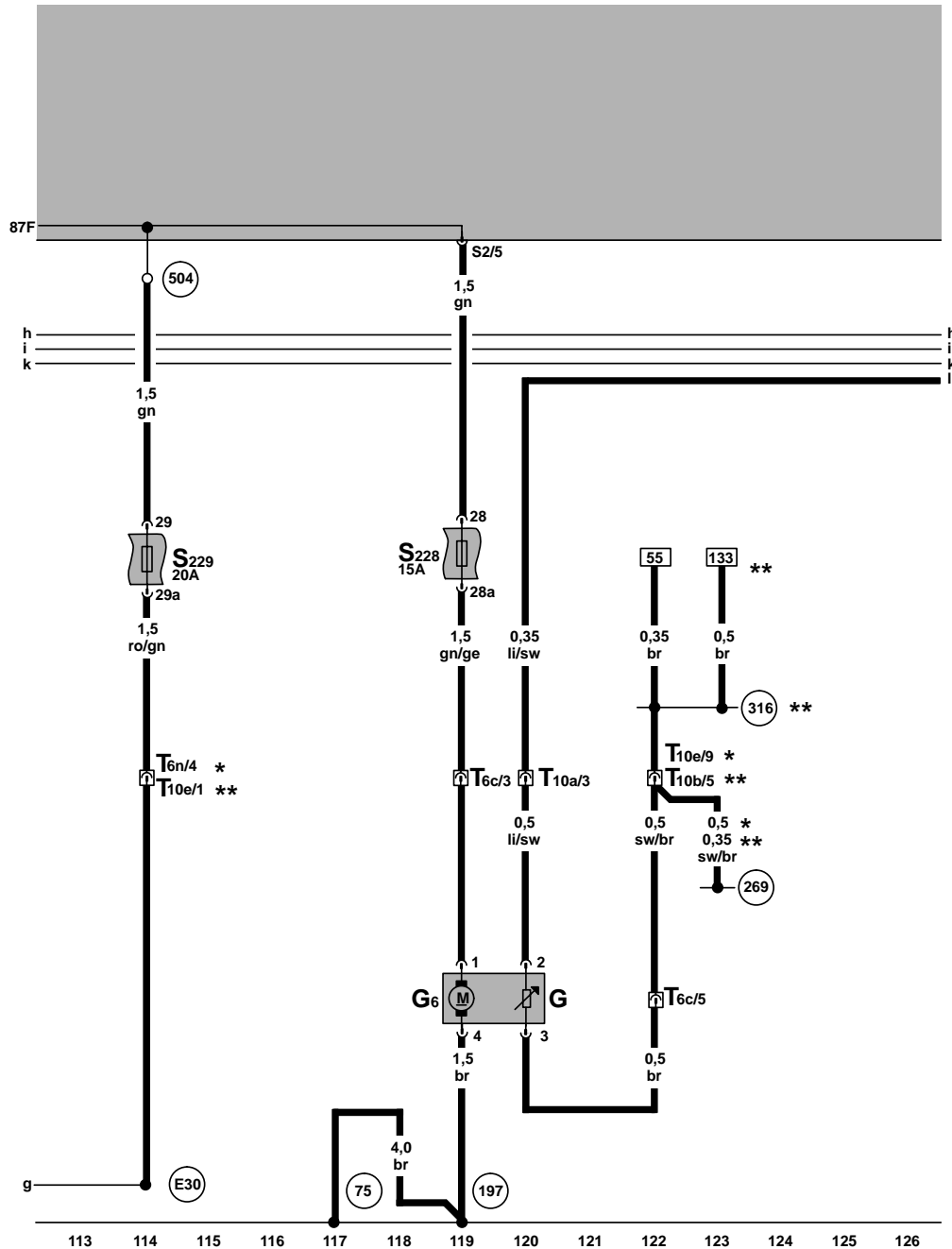


Fuel pump, fuel gauge sender

- G - Fuel gauge sender
- G6 - Fuel pump (pre-supply pump)
- S228 - Fuse in fuse holder
- S229 - Fuse in fuse holder
- T6c - 6-pin connector, blue, left A-pillar coupling station
- T6n - 6-pin connector, red, on protective housing for control units, left in engine compartment
- T10a - 10-pin connector, brown, coupling station left A-pillar
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment
- T10e - 10-pin connector, yellow, on protective housing for control units, left in engine compartment

- (75) - Earth point, rear pillar, right
- (197) - Earth connection -4-, in rear wiring harness
- (269) - Earth connection (sender earth -1-, in dash panel wiring harness
- (316) - Earth connection (sender earth -2-, in engine wiring harness
- (504) - Screw connection -1- (87), on relay plate
- (E30) - Connection (87a), in engine wiring harness
- * - Up to July 1998
- ** - From August 1998

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



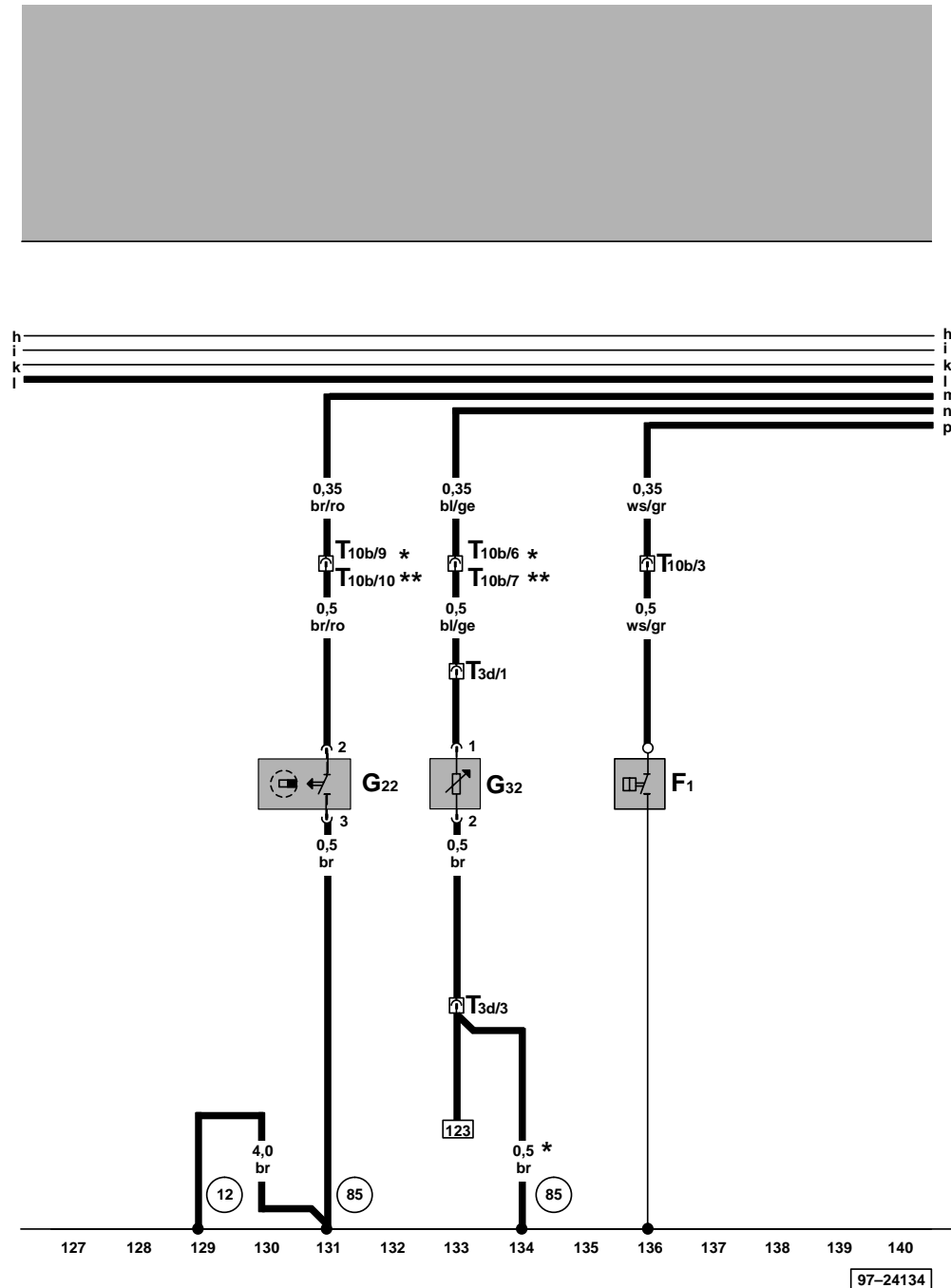
97-24133

Speedometer sender, sender for coolant shortage indicator, oil pressure switch

- F1 - Oil pressure switch
- G22 - Speedometer sender, left in gearbox
- G32 - Coolant shortage indicator sender
- T3d - 3-pin connector, front left in engine compartment
- T10b - 10-pin connector, black, on protective housing for control units, left in engine compartment

- (12) - Earth point, in engine compartment, left
- (85) - Earth connection -1-, in engine compartment wiring harness

- * - Up to July 1998
- ** - From August 1998

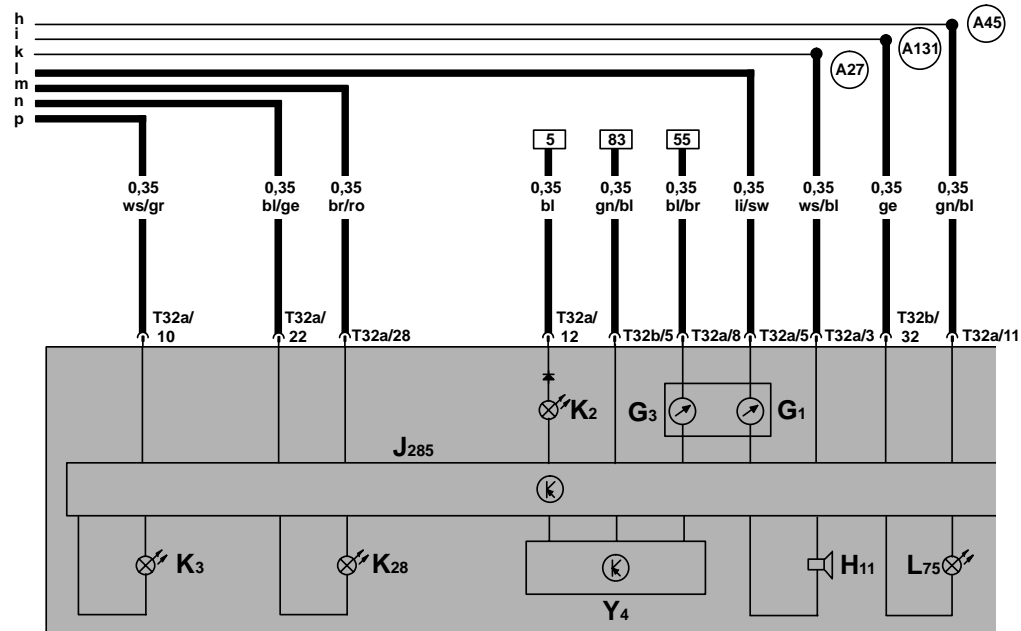


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow



Dash panel insert, optical and acoustical oil pressure warning, odometer display, coolant shortage and coolant temperature indicator, fuel gauge

- G1 - Fuel gauge
- G3 - Coolant temperature gauge
- H11 - Oil pressure warning buzzer
- J285 - Control unit with display in dash panel insert
- L75 - Digital display illumination
- K2 - Alternator warning lamp
- K3 - Oil pressure warning lamp
- K28 - Coolant temperature/coolant shortage warning lamp
- T32a - 32-pin connector, blue, on dash panel insert
- T32b - 32-pin connector, green, on dash panel insert
- Y4 - Odometer display



- (A27) - Connection (speed signal), in dash panel wiring harness
- (A45) - Connection (engine speed signal), in dash panel wiring harness
- (A131) - Connection (fuel consumption signal), in dash panel wiring harness

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