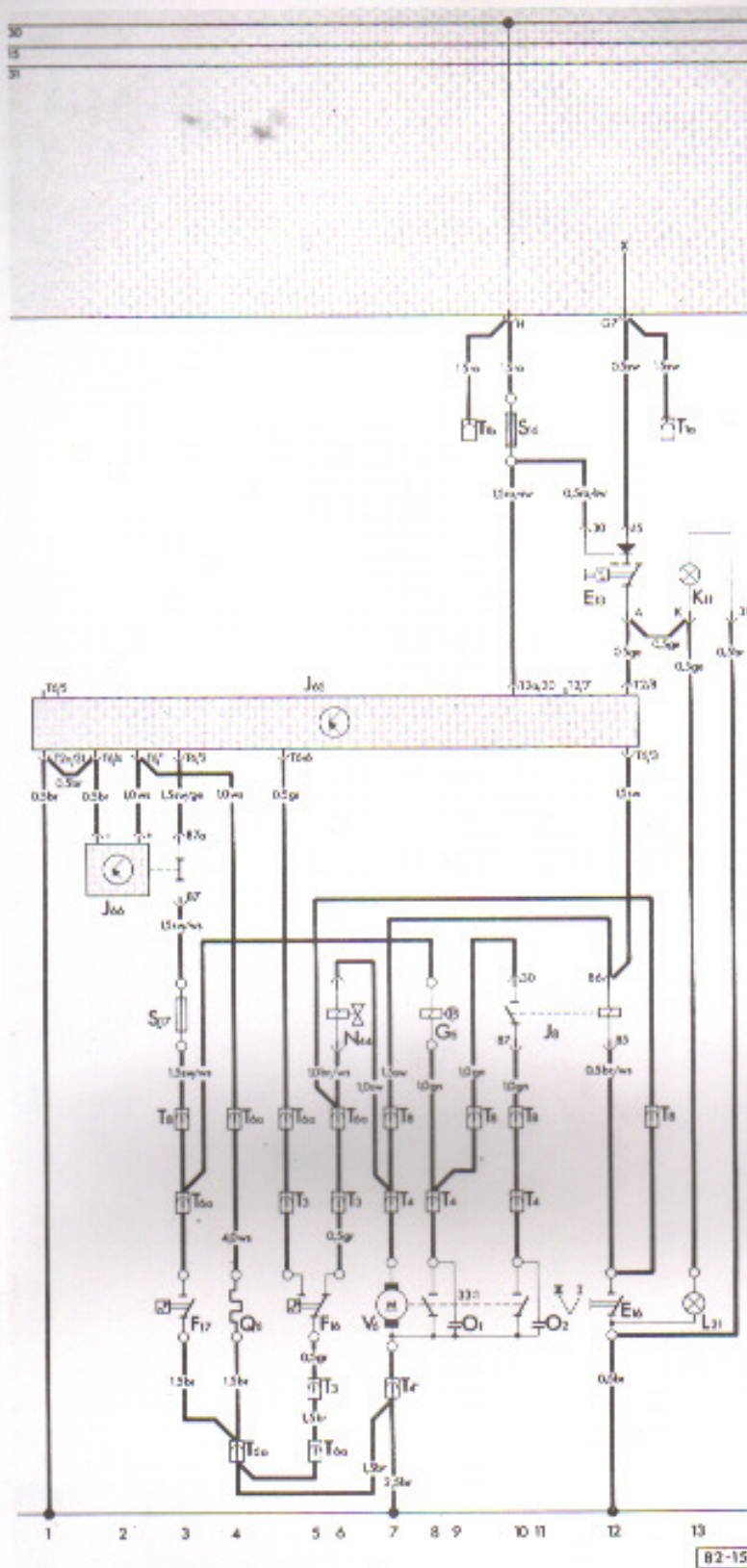


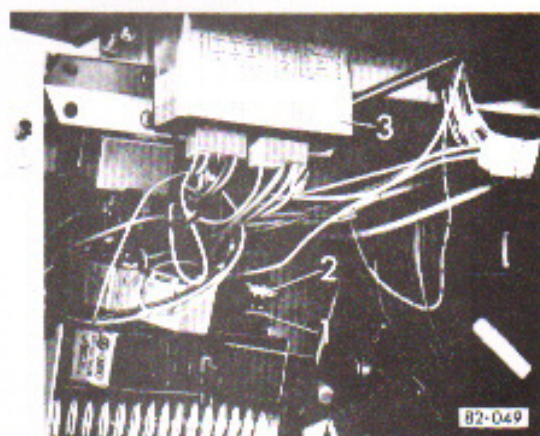
ADDITIONAL CURRENT FLOW DIAGRAM, DIESEL-ELECTRIC HEATER D4L,
from August 1976 to July 1977



Wire colours

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

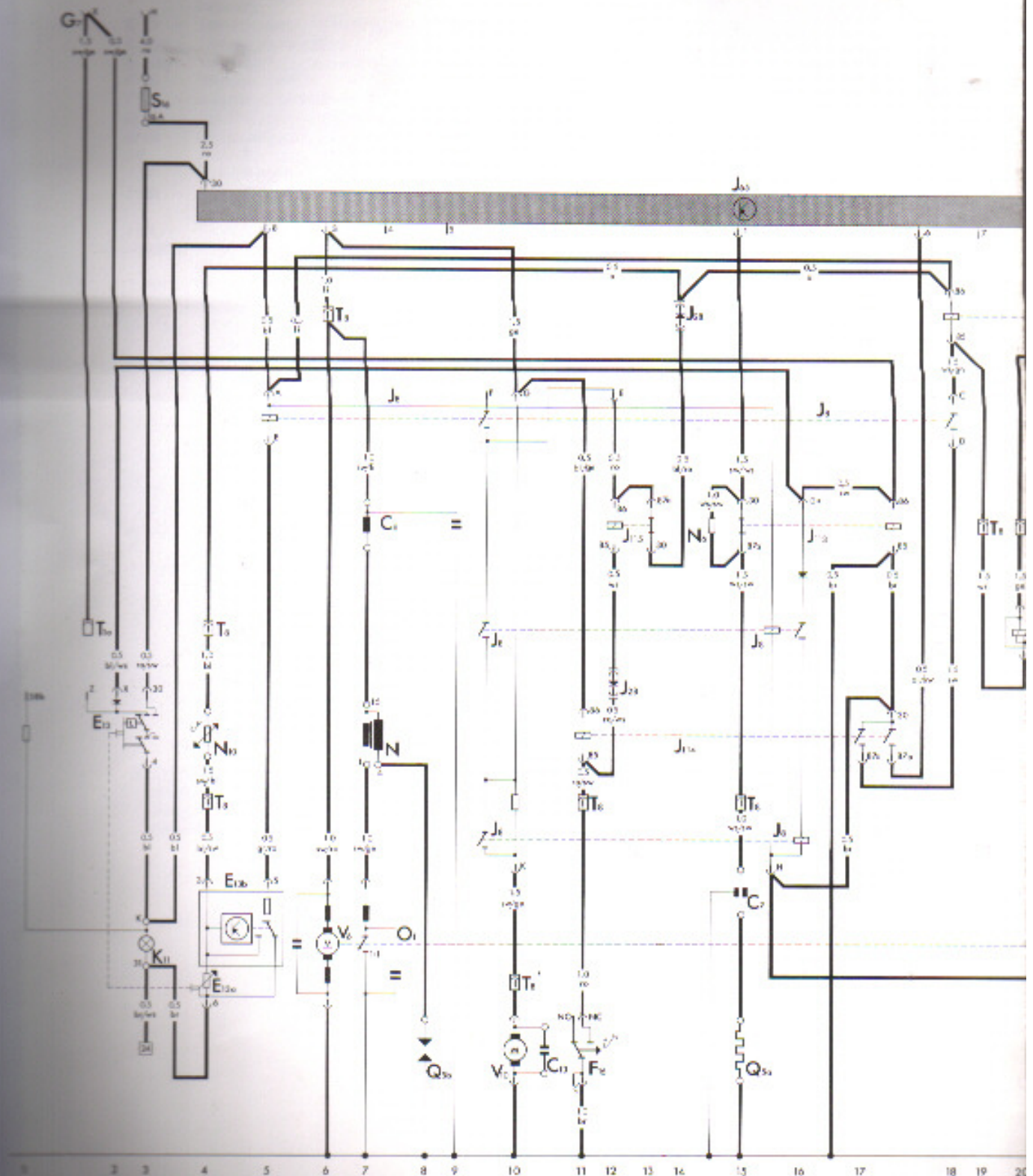
Designation	in current track
E 13 - Time switch, operating time: 25 mins.	12
E 16 - Heat control unit	12
F 16 - Thermoswitch in start-up phase: works within 1½ mins; in run-on phase: works between 1 and 2 mins	5
F 17 - Overheating switch test instructions, cut-in temperature above 160° C (replacement only available together with wiring harness)	3
G 6 - Metering pump, delivery rate 5.6–6.8 cc per 200 strokes	8
J 8 - Heater relay	11, 12
J 65 - Control unit (switches combustion air blower, metering pump and glow plug off after 3 minutes if heater does not start or 4 minutes if heater goes out)	1–12
J 66 - Delay relay (working time 16–20 seconds)	2–3
N 44 - Combustion air valve	6
K 11 - Warning lamp (in time switch, 1.2 Watt)	13
L 21 - Bulb in heat control switch	12, 13
Q 1 - Breaker contact (one impulse every 33 revolutions)	8
Q 2 - Breaker contact (one impulse every 33 revolutions)	10
Q 6 - Glow plug	4
S 16 - Main fuse (16 Amps) in separate holder	11
S 17 - Overheating fuse (8 Amps) in separate holder	3
T 1a - Connector, single - on relay/fuse unit, connection vacant for optional items	
T 1b - Connector, single - on relay/fuse unit, connection vacant for optional items	
T 2 - Connector, 2 pin on control unit	
T 2a - Connector, 2 pin on control unit	
T 3 - Connector, 3 pin on heater	
T 4 - Connector, 4 pin on heater	
T 6 - Connector, 6 pin on control unit	
T 6a - Connector, 6 pin, on heater	
T 8 - Connector, 8 pin near relay/fuse unit	
V 6 - Combustion air blower, 5170–5830 rpm at 12 Volts equals 26 to 30 impulses in 5 secs with heater at stage II	7–11

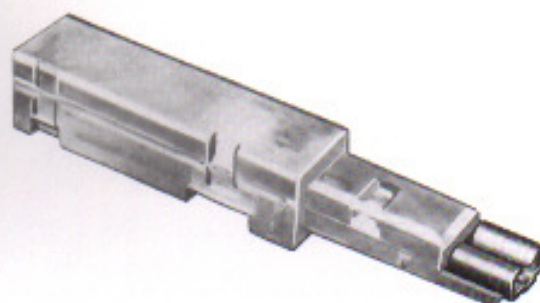
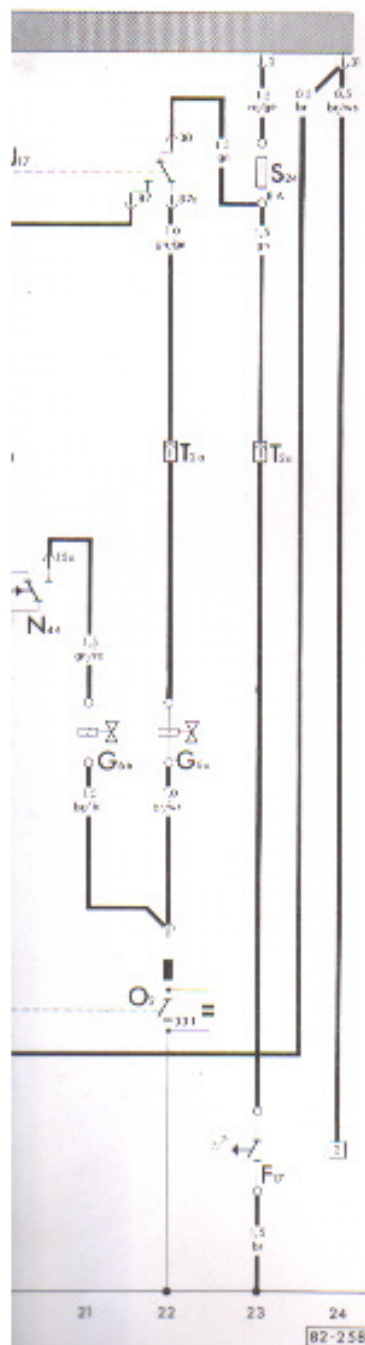


Fuses

- 1 - Main fuse 16 Amps
- 2 - Overheating fuse 8 Amps
- 3 - Control unit:
Automatic cut-out switches heater off if problems occur when starting up.
Heater is ready to start again after switching time switch off and on.

ADDITIONAL CURRENT FLOW DIAGRAM DIESEL-ELECTRIC HEATER DA6,
from August 1980 to July 1986





82-249

Fig. 1 — Blocking diode J 28



82-250

Fig. 2 — Control unit J 65

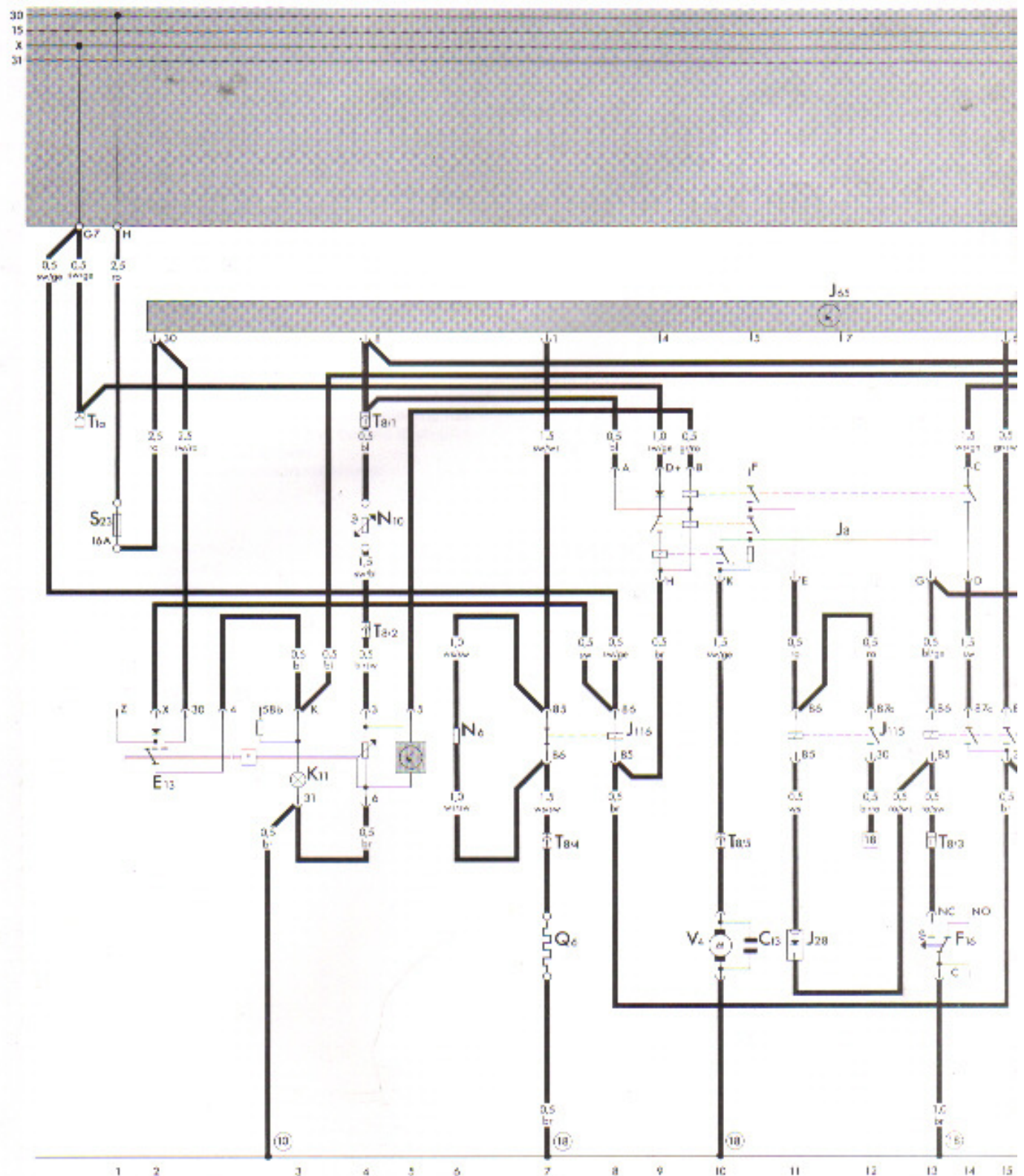
Wire colours

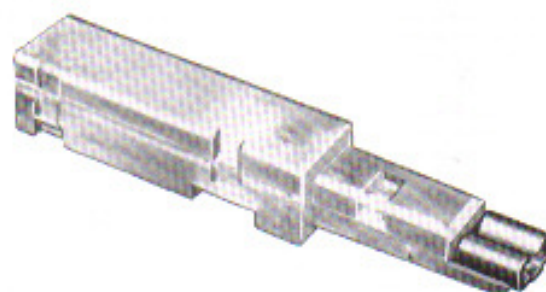
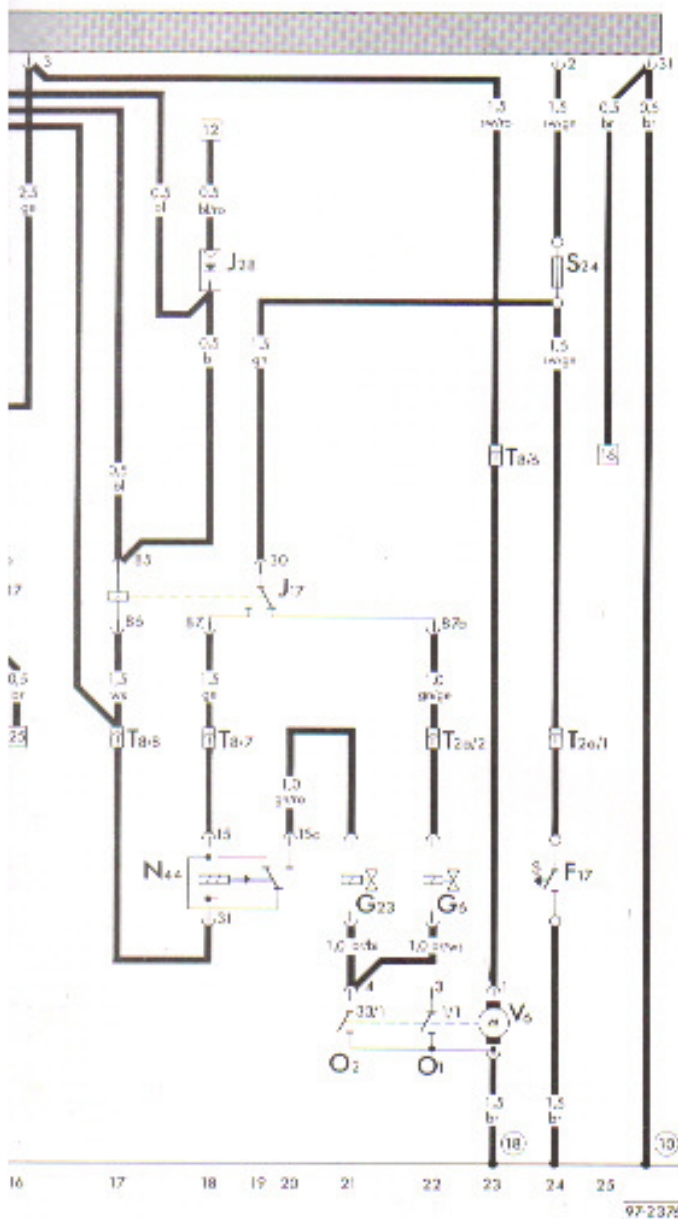
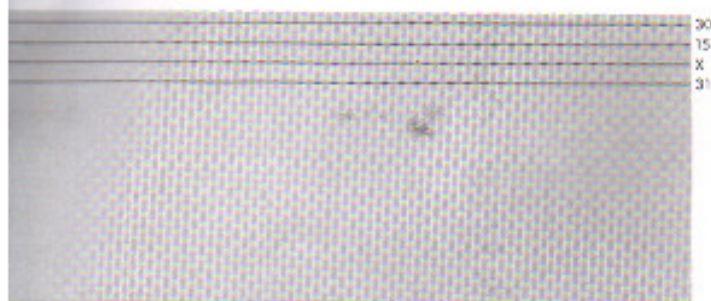
ro	— red
sw	— black
ge	— yellow
bl	— blue
br	— brown
ws	— white
gn	— green
gr	— grey

Designation	in current track
C 6 - Ignition coil suppression filter, near coil	7-9
C 7 - Glow/spark plug - glow coil condenser	15
C 13 - Circulation air blower condenser (i. e. cable connector on blower)	10
E 13 - Temperature regulating switch (switch part)	1-3
E 13a - Temperature regulating switch (control part)	4, 5
E 13b - Temperature regulating switch (electronic part)	4, 5
F 16 - Thermo-switch	11
F 17 - Overheating switch	23
G 6a - Small capacity fuel pump (Part No. 251 261 467 A)	22
G 6b - Large capacity fuel pump (Part No. 251 261 467 B)	21
J 8 - Auxiliary heater relay (behind instrument panel, right)	5-18
J 17 - Fuel pump relay (behind instrument panel, right)	18-22
J 28 - Blocking diode (near relay, behind instrument panel, right) - see Fig. 1	12, 14
J 65 - Control unit - see Fig. 2	4-24
J 113 - Relay for glow/spark plug ballast resistance wire (behind instrument panel, right)	15-17
J 114 - Thermo-switch information relay (behind instrument panel, right)	11-17
J 115 - Compulsory start relay (behind instrument panel, right)★	12-13
K 11 - Heater warning lamp, switch on check	3
N - Coil	7, 8
N 6 - Glow/spark plug ballast resistance cable	15
N 10 - Temperature sensor (NTC resistance)	4
N 44 - Combustion air valve	20
O 1 - Contact breaker for coil (1 break per revolution)	7
O 2 - Contact breaker for fuel pump (1 break per 33 rotations)	22
Q 5a - Glow/spark plug - glow coil	15
Q 5b - Glow/spark plug - electrodes	8
S 7-S 10 - Fuses in fuse box	
S 16 - Main 16 amp. fuse in separate fuse holder (behind instrument panel, right)	3
S 24 - Overheating fuse in additional fuse holder behind instrument panel, right	23
T 1a - Connector, single, on fuse box	
T 1b - Connector, single, on fuse box	
T 2a - Connector, 2 point, behind dash panel, left	
T 4a - Connector, 4 point, behind dash panel, left	
T 4b - Connector, 4 point, behind dash panel, left	
V 6 - Combustion air blower	6-22
V 10 - Air circulation blower	10

★ Once the recirculating air and combustion air blowers have started up, the compulsory start relay prevents them being switched off by the temperature regulating switch. The blowers continue to run for approx. 5 minutes, after being switched off, to prevent coking of the heater.

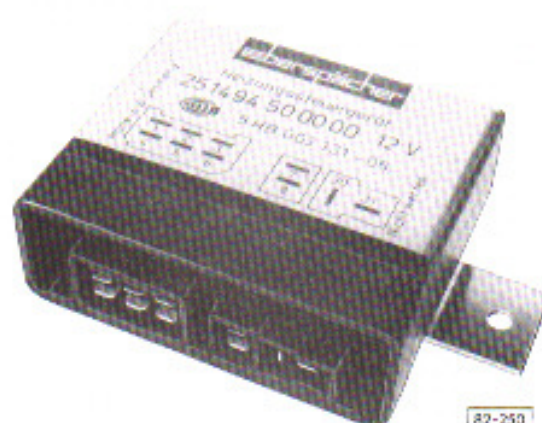
ADDITIONAL CURRENT FLOW DIAGRAM – DIESEL-ELECTRIC HEATER DA6
from July 1986





82-249

Fig. 1 — Blocking diode



82-250

Fig. 2 — Control unit J65

Wire colours

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

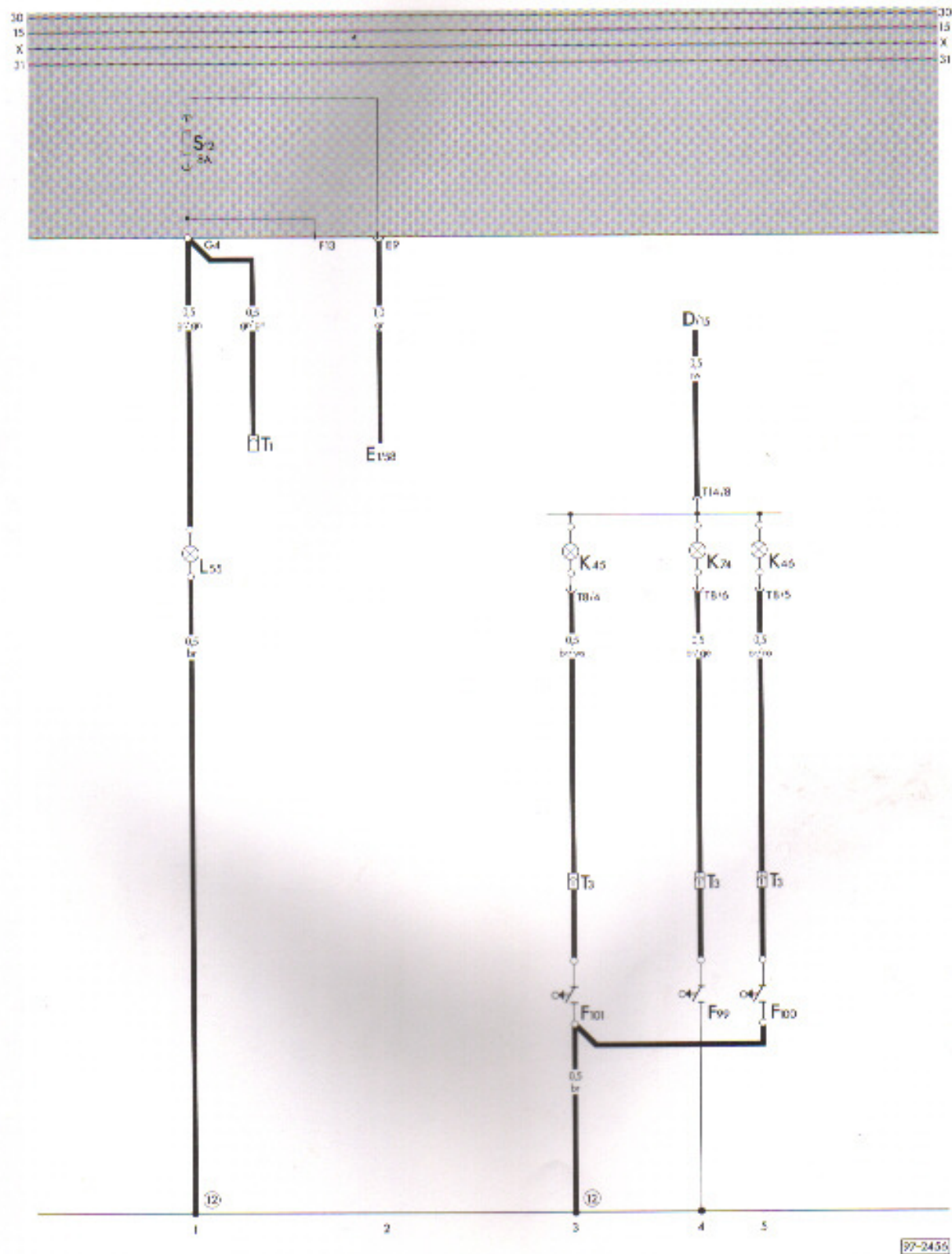
Earthing points:

- ⑩ — Earth point on dash panel insert
- ⑱ — Earth point on cross member rear left

Designation	in current track
C 13 - Condenser for bypass air blower, as cable plug	10
E 13 - Heater switch	1-5
F 16 - Flame switch	13
F 17 - Overheating switch	24
G 6 - Small capacity electric fuel pump (PT No. 251 261 467 A)	22
G 23 - Large capacity electric fuel pump (PT No. 251 261 467 B)	21
J 8 - Aux. heater relay	8-14
J 17 - Fuel pump relay	17-22
J 28 - Blocking diode, see Fig. 1	11-18
J 65 - Control unit, see Fig. 2	2-25
J 115 - Relay for compulsory start★	11-12
J 116 - Relay for resistance wire	7-8
J 117 - Relay for flame switch information	13-15
K 11 - Heater warning lamp	3
N 6 - Series resistance	6-7
N 10 - Temperature sensor	4
N 44 - Combustion air valve	18-20
Q 1 - Contact breaker not connected	22
Q 2 - Contact breaker for fuel pump one interruption every 33 revolutions	21
Q 6 - Glow plug	7
S 23 - Main fuse (16 Amp.)	1
S 24 - Overheating fuse (8 Amp.)	24
T 1a - Connector single, behind dash panel	
T 2a - Connector, 2 pin, near electric fuel pump	
T 8 - Connector 8 pin, behind dash panel	
V 4 - Hot air blower	10
V 6 - Combustion air blower	21-23

★ Once the recirculating air and combustion air blowers have started up, the compulsory start relay prevents them being switched off by the temperature regulating switch. The blowers continue to run for approx. 5 minutes, after being switched off, to prevent coking of the heater.

ADDITIONAL CURRENT FLOW DIAGRAM - 4-WHEEL DRIVE (LT 4x4),
from August 1986



Designation**In current track**

D	- Ignition/starter switch	4
E 1	- Lighting switch	2
F 99	- Gearbox switch for differential lock/centre differential	4
F 100	- Gearbox switch for rear differential lock	5
F 101	- Gearbox switch for front differential lock	3
K 45	- Front differential lock warning lamp	3
K 46	- Rear differential lock warning lamp	5
K 74	- Centre differential lock warning lamp	4
L 55	- Light for selector lever position	1
S 12	- Fuse in fuse box	
T 1	- Connector single, behind relay plate	
T 3	- Connector 3 pin, behind dash panel, left	
T 5/	- Connector 5 pin, on dash panel insert	
T 14/	- Connector 14 pin, on dash panel insert	

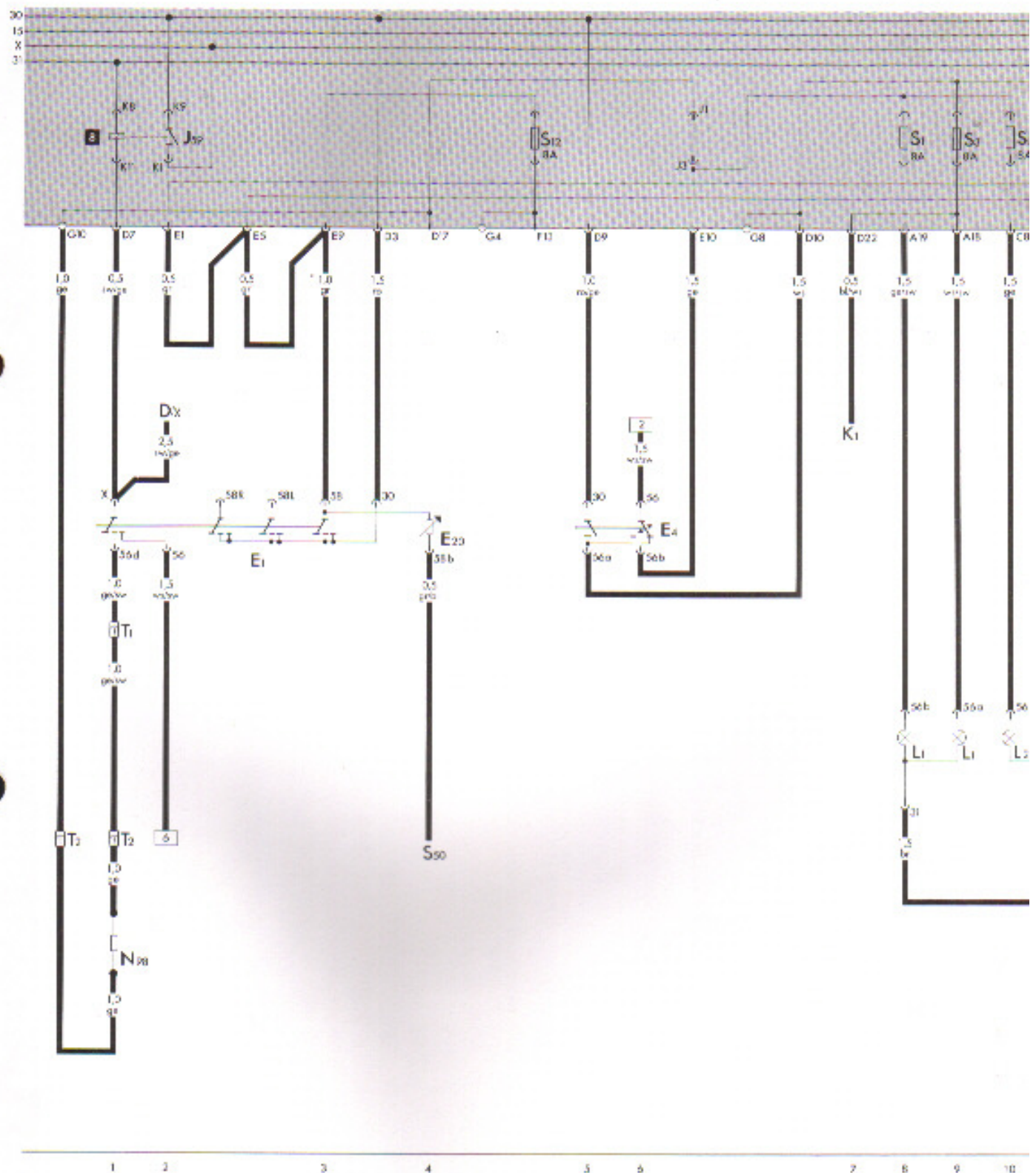
Earthing points:

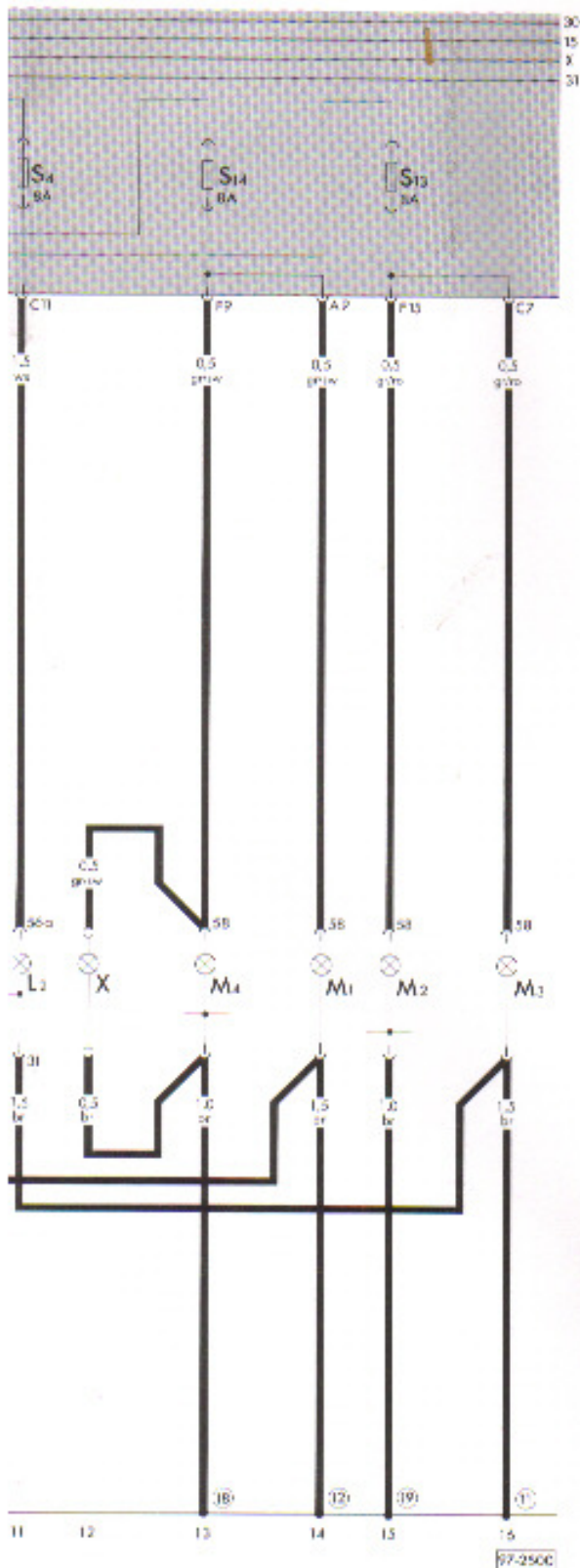
@ - Earth point, next to relay plate

Wire colours:

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

**ADDITIONAL CURRENT FLOW DIAGRAM – TOWN DRIVING LIGHTS (GREAT BRITAIN ONLY),
from September 1986**





Designation

In current track

D	Ignition/starter switch	2
E 1	Lighting switch	1-4
E 4	Headlight dimmer/flasher switch	5, 6
E 20	Instrument/instrument panel lighting control	4
J 59	Relief relay for x contact	1, 2
K 1	Main beam warning lamp	7
L 1	Twin filament bulb, left	8, 9
L 2	Twin filament bulb, right	10, 11
M 1	Side light bulb, left	14
M 2	Tail light bulb, right	15
M 3	Side light bulb, right	16
M 4	Tail light bulb, left	13
N 98	Series resistance/Town driving lights	1
S 1-S 4	Fuses in fuse box	
S 12-S 14	Fuses in fuse box	
S 50	Fuse, terminal 58b, on aux. adapter	4
T 1	Connector single, behind dash panel	
T 2	Connector 2 pin, behind dash panel	
X	Number plate light	12

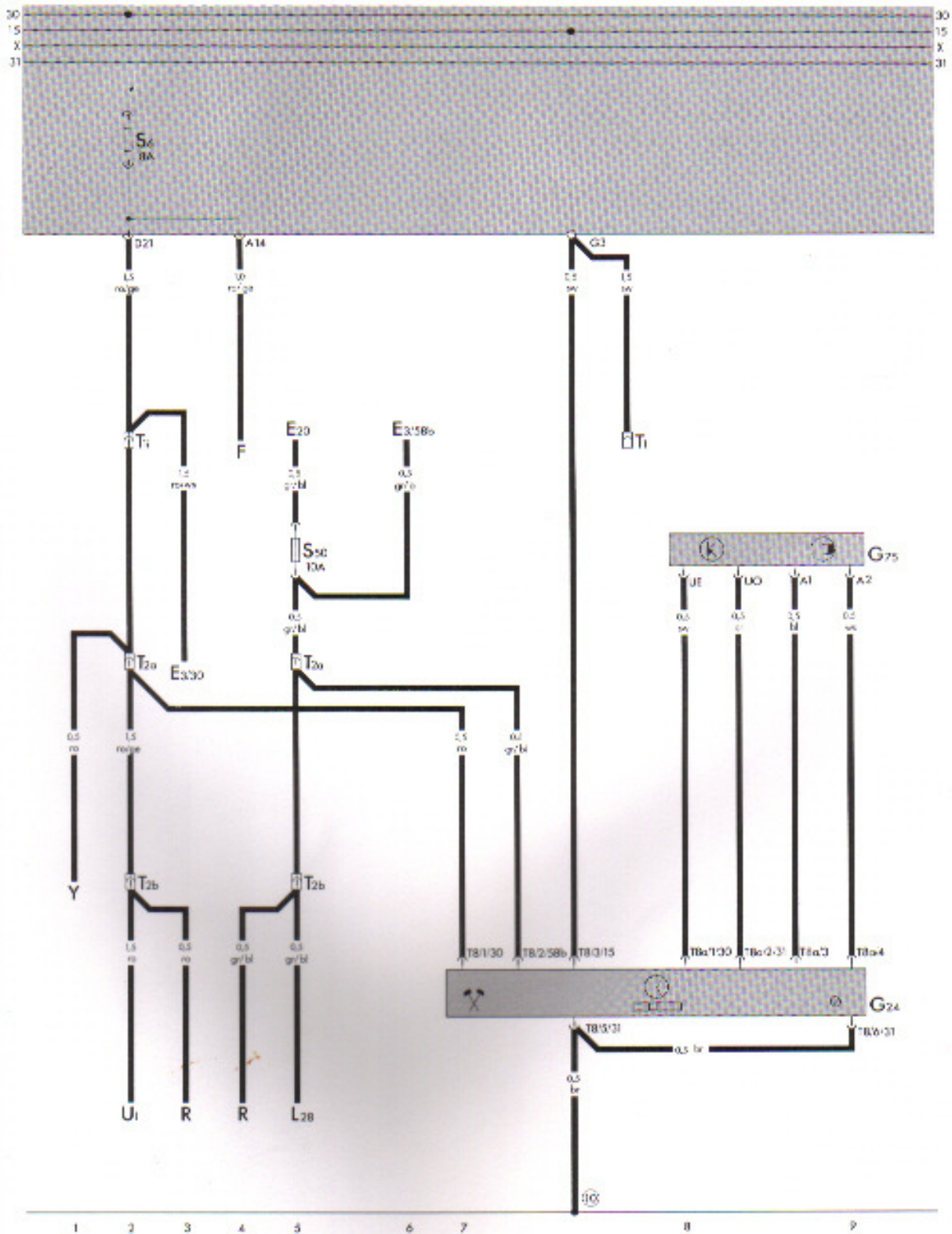
Earthing points:

- ⑪ - Earth point, behind dash panel, right
- ⑫ - Earth point, next to relay plate
- ⑬ - Earth point on lefthand longitudinal member, rear
- ⑭ - Earth point, on cross member rear right

Wire colours:

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

**ADDITIONAL CURRENT FLOW DIAGRAM — ELECTRONIC TACHOGRAPH,
from August 1986**



97-2493

Designation**In current track**

E 3	- Emergency light switch	6
E 20	- Instrument/instrument panel lighting control	5
F	- Brake light switch	4
G 24	- Tachograph	7-9
G 75	- Tachograph sender on differential	8, 9
L 28	- Cigarette lighter bulb	5
R	- Radio	3, 4
S 6	- Fuse in fuse box/relay plate	
S 50	- Fuse, terminal 58b. on aux. relay plate	
T 1	- Connector single, behind dash panel	
T 1i	- Connector single, behind dash panel	
T 2a	- Connector 2 pin, behind dash panel	
T 2b	- Connector 2 pin, behind dash panel	
T 5/	- Connector 8 pin, (transparent) on tachograph	
T 8a/	- Connector 8 pin, (yellow) on tachograph	

Note: The connectors on the tachograph and on the sender, must be sealed.

U 1	- Cigarette lighter	2
Y	- Clock	1

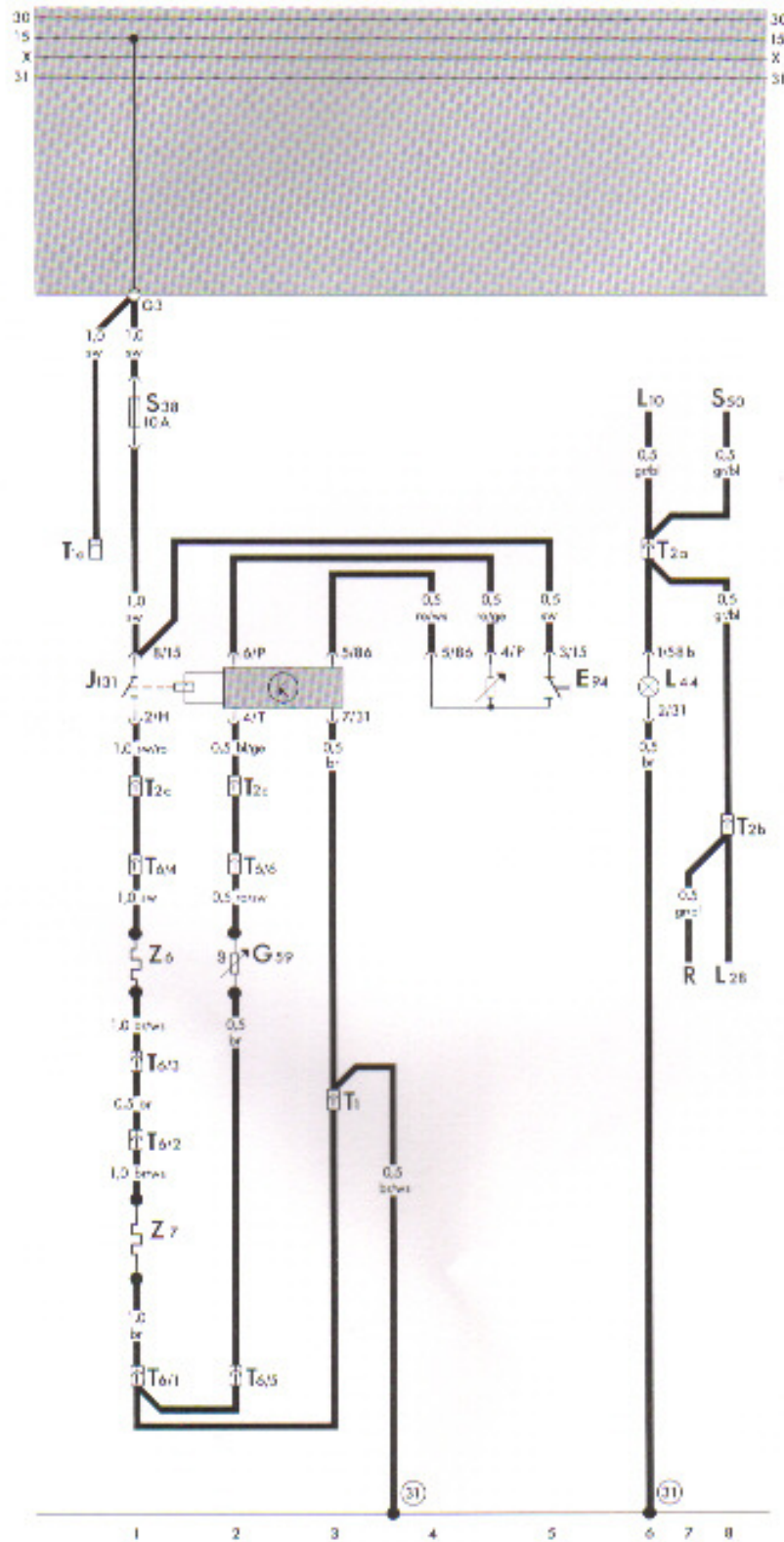
Earthing points:

- Ⓢ - Earth point on dash panel insert

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM — SEAT HEATING, WITH REGULATION,
from January 1987



Designation

	In cun
E 94 - Switch and regulator for heated driver's seat	4,5
G 59 - Temperature sensor - Driver's seat	2
J 131 - Switch unit for heated driving seat	1-3
L 10 - Instrument panel insert light bulb	6
L 28 - Cigarette lighter light bulb	8
L 44 - Light for seat heating switch	6
R - Radio	
S 38 - Separate fuse for heated seats	1
S 50 - Fuse, terminal 58b, on aux. fuse box	8
T 1 - Connector single, behind dash panel	
T 1a - Connector single, behind dash panel	
T 2a - Connector 2 pin, behind dash panel	
T 2b - Connector 2 pin, behind dash panel	
T 2c - Connector 2 pin, behind dash panel	
T 6/ - Connector 6 pin, under lefthand seat	
Z 6 - Heated driver's seat	1
Z 7 - Heated driver's seat backrest	1

Earthing points:

- ③ - Earth point, on dash panel insert

Wire colours:

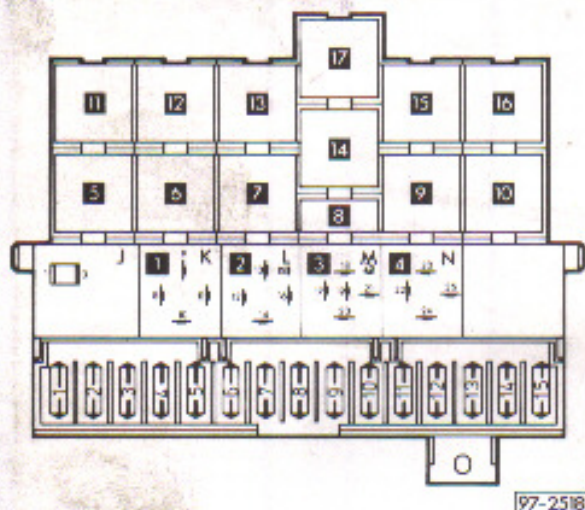
- bl - blue
br - brown
ge - yellow
gn - green
gr - grey
li - lilac
ro - red
sw - black
ws - white

Current flow diagram

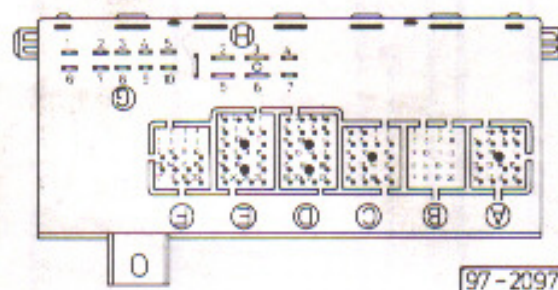
LT (2.4 ltr./66 kW carburetor engine),

from July 1986

Relay locations



Connections



- 1 - Relief relay for x-contact (24)
- 2 - vacant
- 3 - Intermittent wash/wipe facility relay (19)
- 4 - Emergency flasher relay (21) or warning flasher relay for trailer towing (22)
- 5 - Intake manifold preheating relay (1)
- 6 - Carburetor blower relay
- 7 - Coolant temperature gauge control unit (43)
- 8 - Fuse, terminal 58 b
- 10 - vacant
- 11 - vacant
- 12 - Fuse for carburetor blower
- 13 - vacant
- 14 - vacant
- 15 - vacant
- 16 - vacant
- 17 - vacant

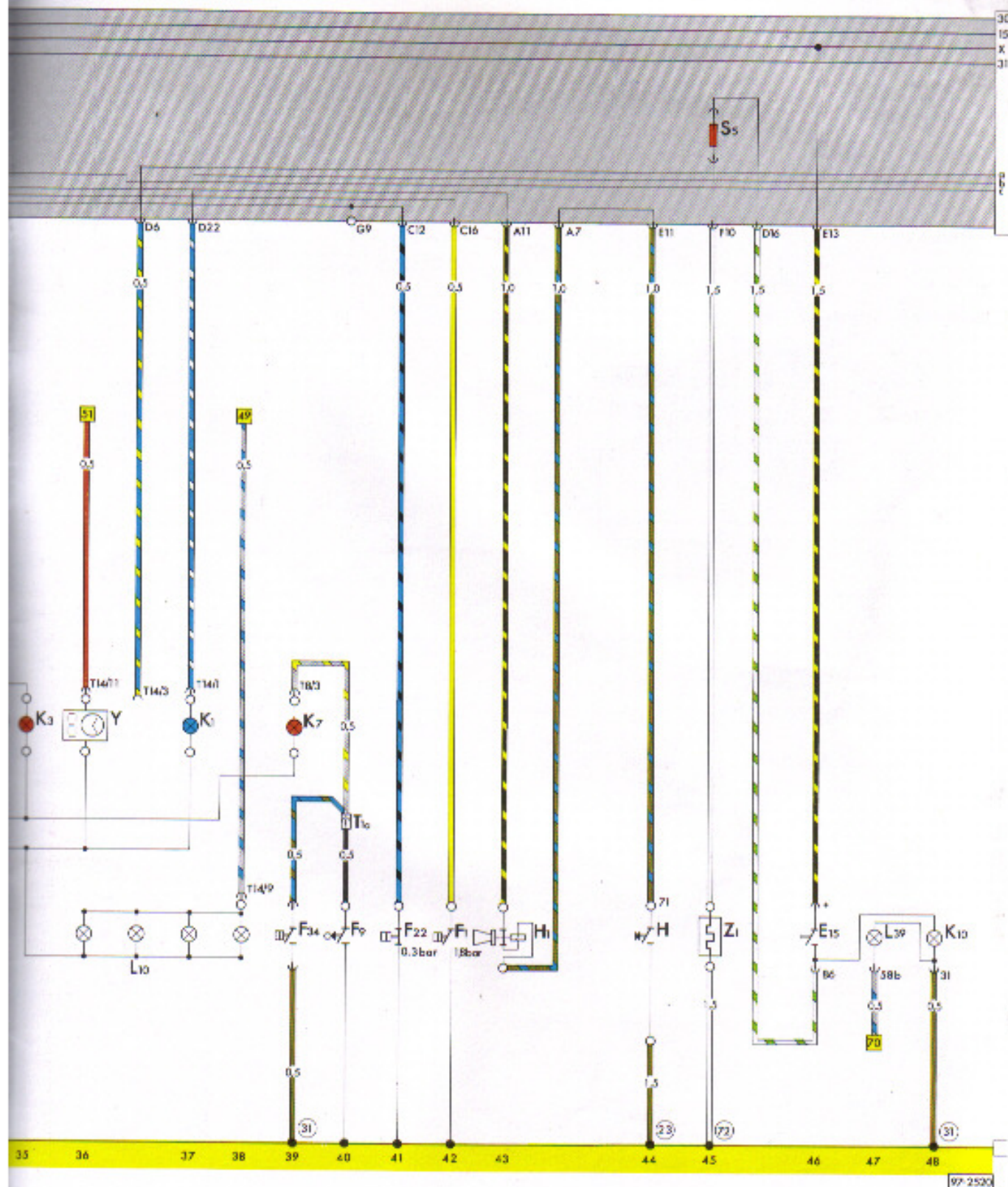
- A - Front wiring loom (white)
- B - No connection
- C - Front wiring loom (neutral)
- D - Dash panel wiring loom (blue)
- E - Dash panel wiring loom (black)
- F - Rear wiring loom (yellow)
- G - Single connector
- H - Single connector, terminal 30

Fuse colours (Fuse holder on relay plate)

- 25 A - blue
- 16 A - red
- 8 A - white

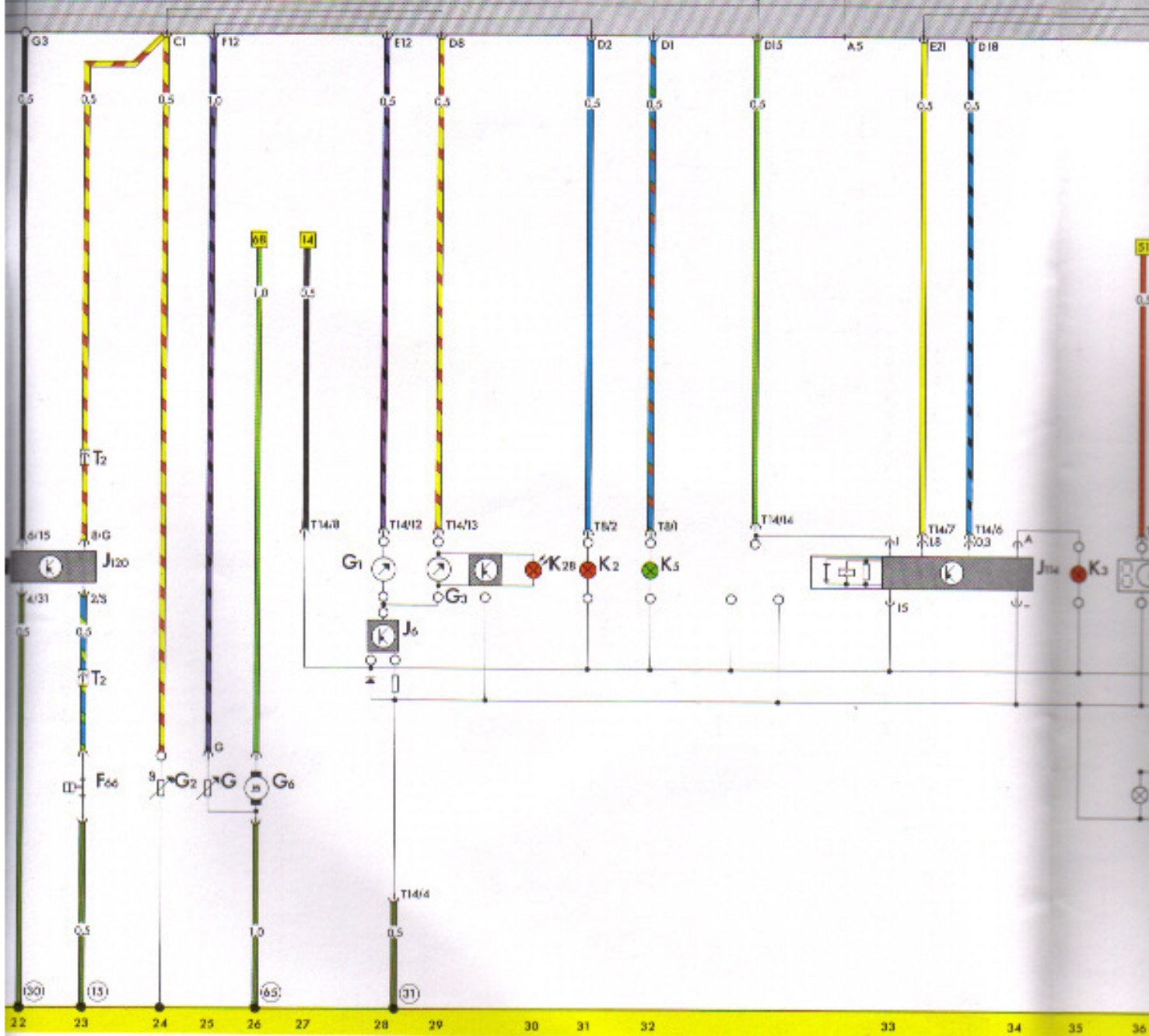
The number in brackets behind the part designation is the production control number stamped on the housing.

LT (2.4 ltr./66 kW carburetor engine), from July 1986



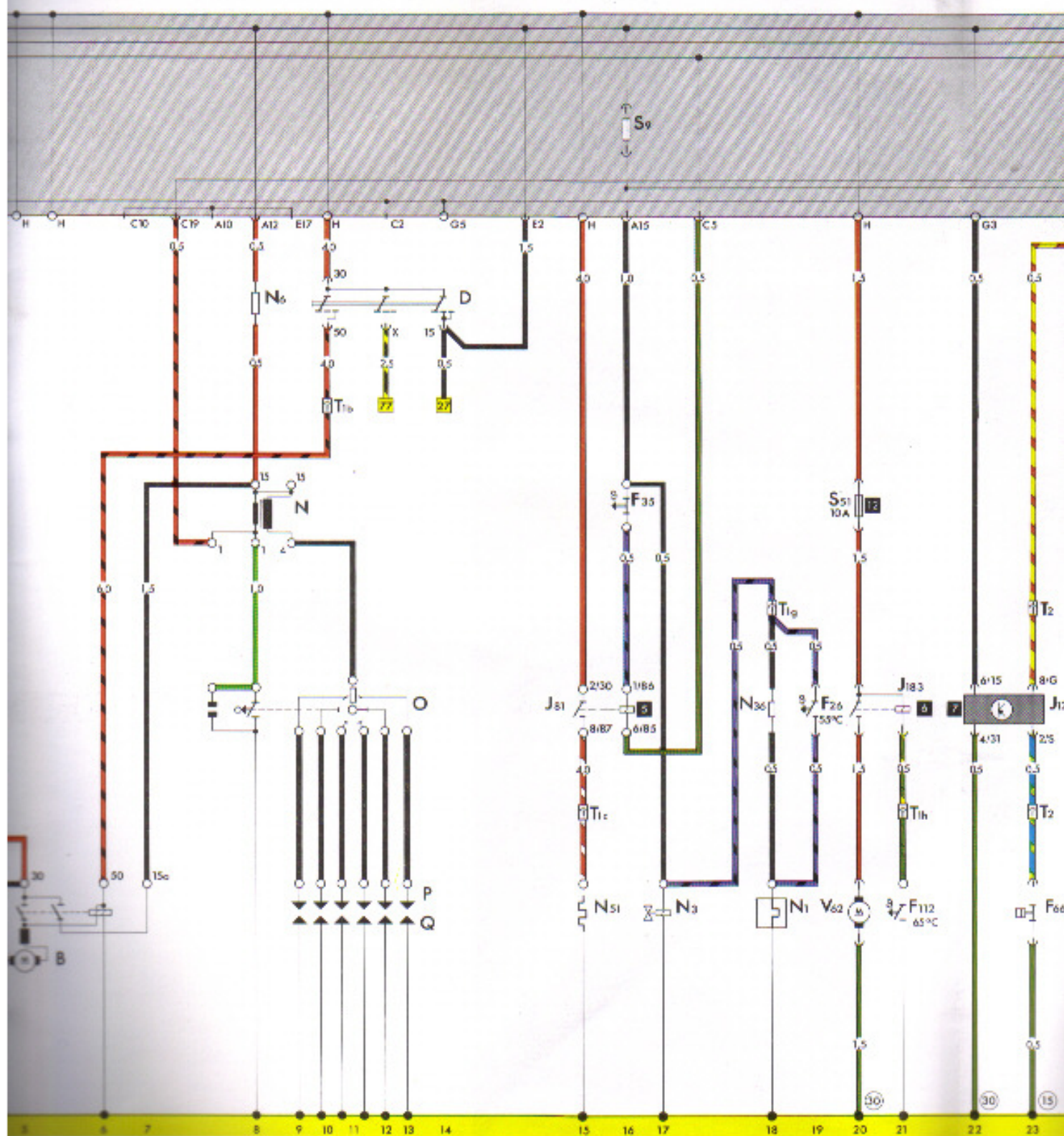
Heated rear window

The grey area at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 11 – multi-point connector D, contact 11).



Coolant shortage indicator Fuel pump

Dash panel insert



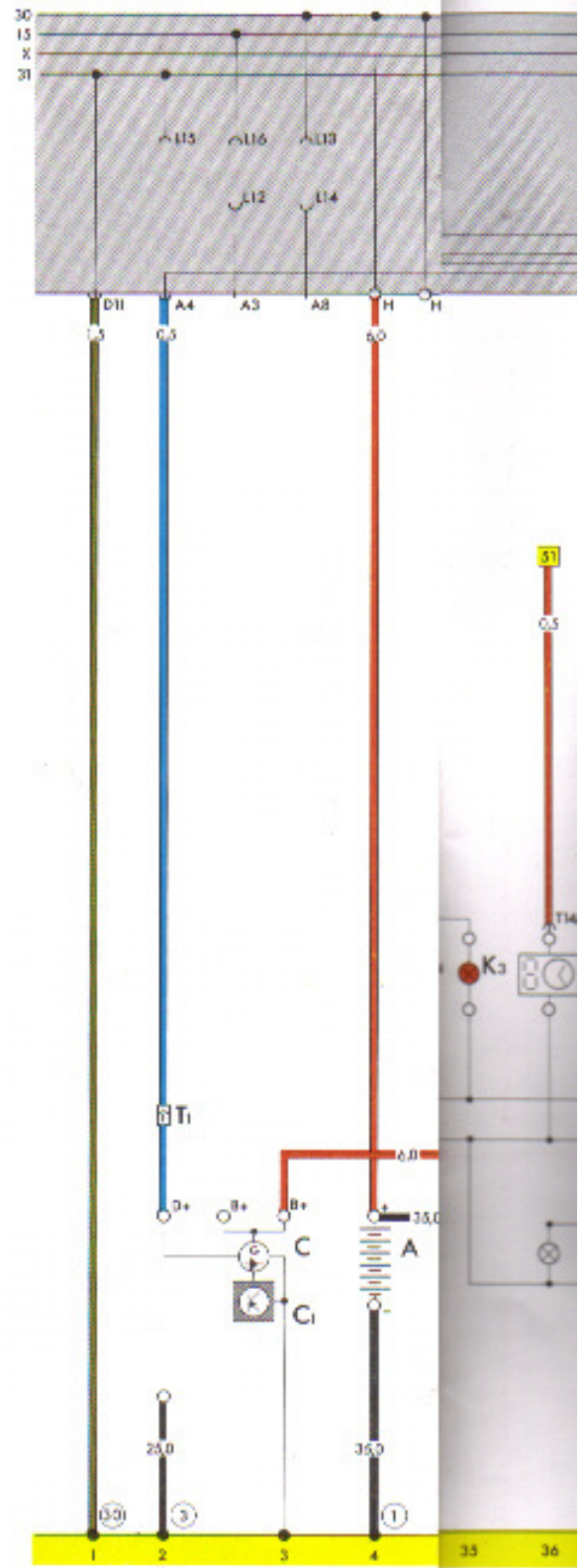
Ignition system

Intake manifold
preheating

Automatic choke

Carburetor
cooling blower

Coolant s
indicator



Starter/current supply

Designation

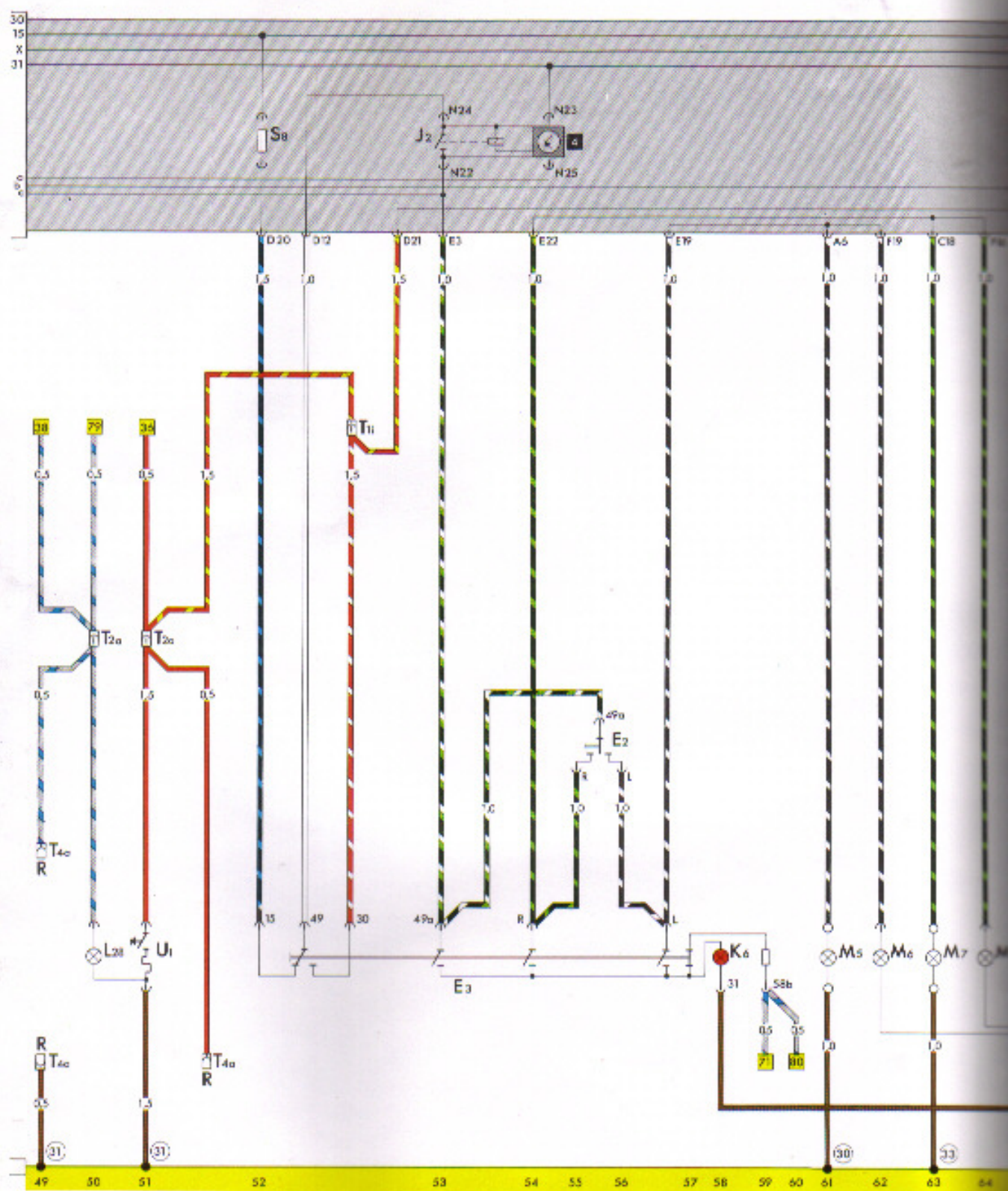
in current track

E 1	— Lighting switch	76–80
E 2	— Turn signal switch	55, 56
E 3	— Emergency light switch	52–59
E 4	— Headlight dimmer/flasher switch	86, 87
E 9	— Fresh air blower switch	72, 73
E 20	— Instrument/instrument panel lighting control	80
E 22	— Intermittent wiper switch	100–102
F	— Brake light switch	65, 66
F 2	— Front left door contact switch	95
F 4	— Reversing light switch	69
F 7	— Door contact switch, rear (sliding door)	92
F 11	— Rear right door contact switch	93
J 2	— Emergency light relay	53, 54
J 31	— Intermittent wash/wipe relay	98–101
J 59	— Relief relay for X contact	74, 75
K 6	— Emergency light system warning lamp	58
L 1	— Twin filament bulb, left	88, 90
L 2	— Twin filament bulb, right	89, 91
L 9	— Lighting switch light bulb	74
L 16	— Fresh air controls light bulb	70
L 28	— Cigarette lighter light bulb	50
M 1	— Side light bulb, left	83
M 2	— Tail light bulb, right	84
M 3	— Side light bulb, right	85
M 4	— Tail light bulb, left	82
M 5	— Front left turn signal bulb	61
M 6	— Rear left turn signal bulb	62
M 7	— Front right turn signal bulb	63
M 8	— Rear right turn signal bulb	64
M 9	— Brake light bulb, left	67
M 10	— Brake light bulb, right	66
M 16	— Reversing light bulb, left	69
M 17	— Reversing light bulb, right	68
N 23	— Series resistance for fresh air blower	72
R	— Connection for radio	49, 51
S 1–S 4	— Fuses in fuse box	
S 5–S 8		
S 10–S 15		
S 50	— Fuse, terminal 58 b, 10 A, on aux. relay adapter	80
T 1	— Connector single, behind dash panel	
T 2a	— Connector 2 pin, behind dash panel	
T 2b	— Connector 2 pin, behind dash panel	
T 2c	— Connector 2 pin, behind dash panel	
T 4	— Connector 4 pin, behind dash panel	
T 4a	— Connector 4 pin, behind dash panel	
U 1	— Cigarette lighter	51
V	— Windscreen wiper motor	97, 98
V 2	— Fresh air blower	73
V 5	— Windscreen washer pump	103
W	— Interior light, front	95, 96
W 1	— Interior light, rear/luggage compartment	93, 94
X	— Number plate light	82

Earthing points:

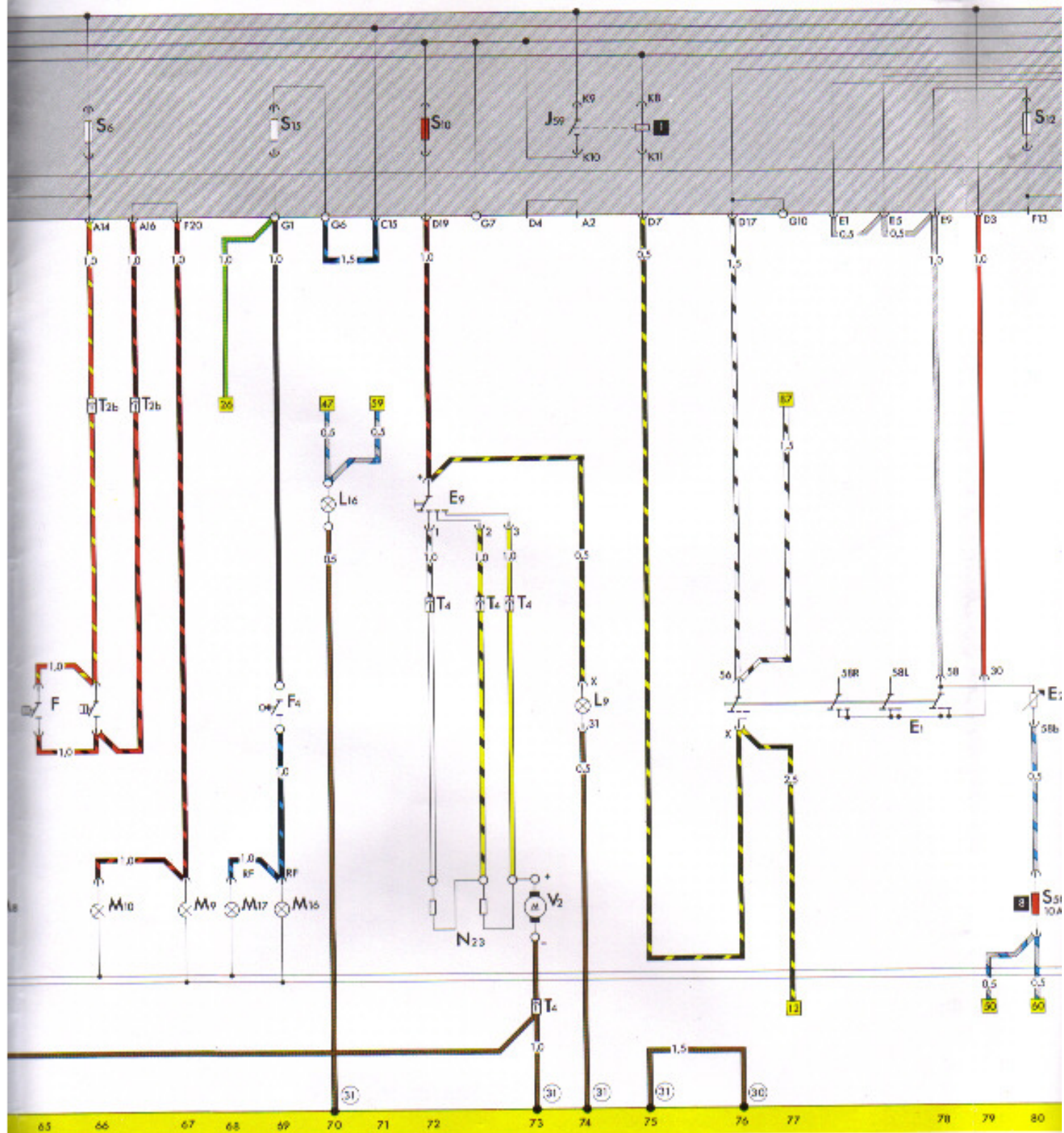
- ③① — Earth point next to relay plate
- ③① — Earth point on dash panel insert
- ③③ — Earth point behind dash panel, right
- ⑥⑧ — Earth point on rear cross member, left
- ⑥⑨ — Earth point on rear cross member, right
- ⑦① — Earth point on front roof rail
- ⑦⑨ — Earth point near interior light, rear

LT (2.4 ltr./66 kW carburetor engine), from July 1986



Turn signal/emergency flasher system

The **grey area** at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 20 – multi-point connector D, contact 20).

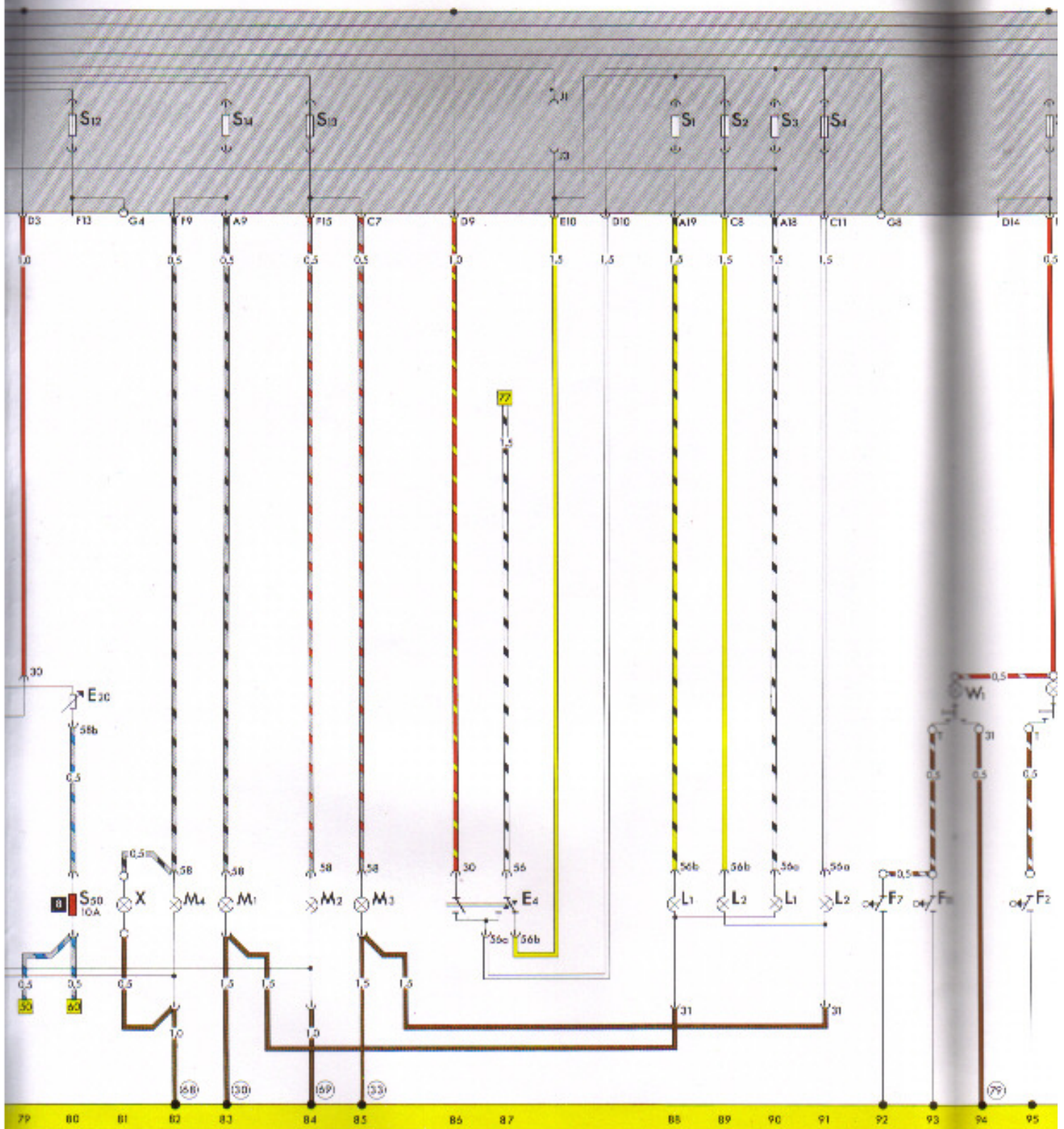


Brake light

Reversing light

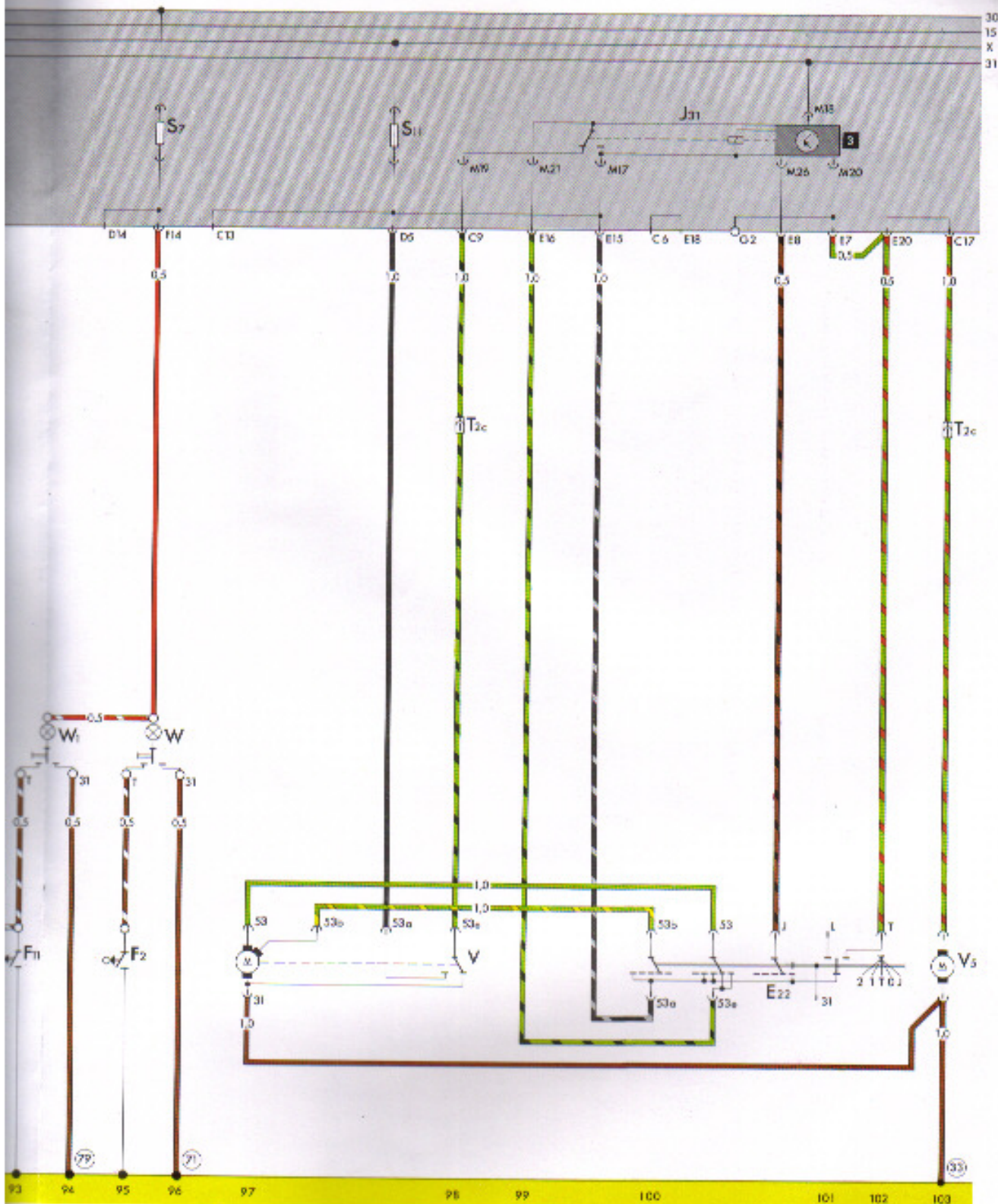
Fresh air blower

Lig



Lighting system

Interior light



Interior light

Windscreen wipe/wash system

Designation

in current track

A	- Battery	4
B	- Starter	5-7
C	- Alternator	2, 3
C 1	- Voltage Regulator	2, 3
D	- Ignition/starter switch	10-14
E 15	- Heated rear window switch	46-48
F 1	- Oil pressure switch (1.8 bar)	42
F 9	- Handbrake warning system switch	40
F 22	- Oil pressure switch (0.3 bar)	41
F 26	- Thermostat for automatic choke, front intake pipe	19
F 34	- Brake fluid level warning contact	39
F 35	- Thermostat for intake manifold preheating	16
F 66	- Coolant shortage indicator switch	23
F 112	- Thermostat for carburetor cooling blower	21
G	- Fuel gauge sender	25
G 1	- Fuel gauge	28
G 2	- Coolant temperature gauge sender	24
G 3	- Coolant temperature gauge	29
G 6	- Electric fuel pump	26
H	- Horn plate	44
H 1	- Horn	43
J 6	- Voltage stabilizer	28
J 81	- Intake manifold preheating relay, on aux. relay adapter	15, 16
J 114	- Oil pressure monitor control unit	33, 34
J 120	- Switch unit for coolant shortage indicator on aux. relay adapter	22, 23
J 183	- Relay for carburetor cooling blower (time relay)	20, 21
K 1	- Main beam warning lamp	37
K 2	- Generator warning lamp	31
K 3	- Oil pressure warning lamp	35
K 5	- Turn signal warning lamp	32
K 7	- Dual circuit brake and handbrake warning lamp	39
K 10	- Heated rear window warning lamp	48
K 28	- Warning lamp for coolant temperature/coolant shortage	30
L 10	- Instrument panel insert light bulb	36-38
L 39	- Heated rear window switch bulb	47
N	- Ignition coil	8
N 1	- Automatic choke	18
N 3	- By-pass air cut-off valve	17
N 6	- Series resistance	8
N 36	- Series resistance for automatic choke	18
N 51	- Heater element for intake manifold preheating	15
O	- Ignition distributor	9-13
P	- Spark plug connector	9-13
Q	- Spark plugs	9-13
S 5	- Fuses in fuse box	
S 9	- Fuse for carburetor cooling blower	20
S 51	- Fuse for carburetor cooling blower	
T 1	- Connector single, in engine compartment	
T 1a	- Connector single, behind dash panel	
T 1b	- Connector single, behind relay plate	
T 1c	- Connector single, behind dash panel	
T 1g	- Connector single, near carburetor	
T 1h	- Connector single, near carburetor	
T 2	- Connector 2 pin, behind relay plate	
T 8/	- Connector 8 pin, on dash panel insert	
T 14/	- Connector 14 pin, on dash panel insert *	
V 62	- Carburetor cooling blower, engine, left	20
Y	- Clock	36
Z 1	- Heated rear window	45
★	- The contacts in the T 14 connector are appropriate to the designations on the dash panel insert printed circuit and not the designations of the connector on the wiring loom.	

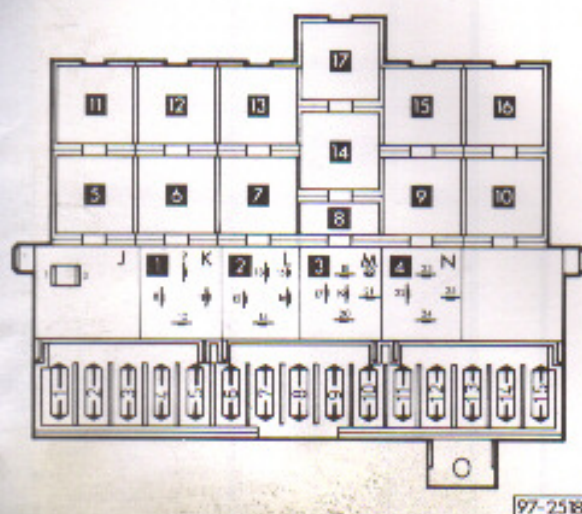
Earthing points:

- ① - Earthing strap, battery - body
- ③ - Earthing strap, engine - body
- ⑮ - Earth point on cylinder head
- ⑳ - Earth wire above steering gear
- ③① - Earth point next to relay plate
- ③① - Earth point on dash panel insert
- ⑥⑤ - Earth point on left hand longitudinal member, rear
- ⑦② - Earth point on roof rail

De
A
B
C
D
E
F
F
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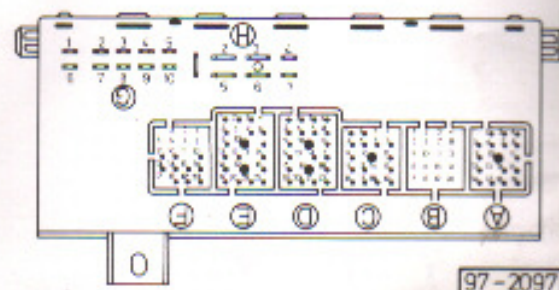
Current flow diagram LT (2.4 ltr./55 kW and 75 kW Diesel engines), from July 1986

Relay locations



- 1 - Relief relay for x-contact (24)
- 2 - vacant
- 3 - Wash/wipe intermittent facility relay (19)
- 4 - Emergency flasher relay (21) or flasher relay for trailer towing (22)
- 5 - Glow plug relay (50)
- 6 - vacant
- 7 - Coolant temperature gauge control unit (43)
- 8 - Fuse, terminal 58 b
- 10 - vacant
- 11 - vacant
- 12 - vacant
- 13 - vacant
- 14 - vacant
- 15 - vacant
- 16 - vacant
- 17 - vacant

Connections

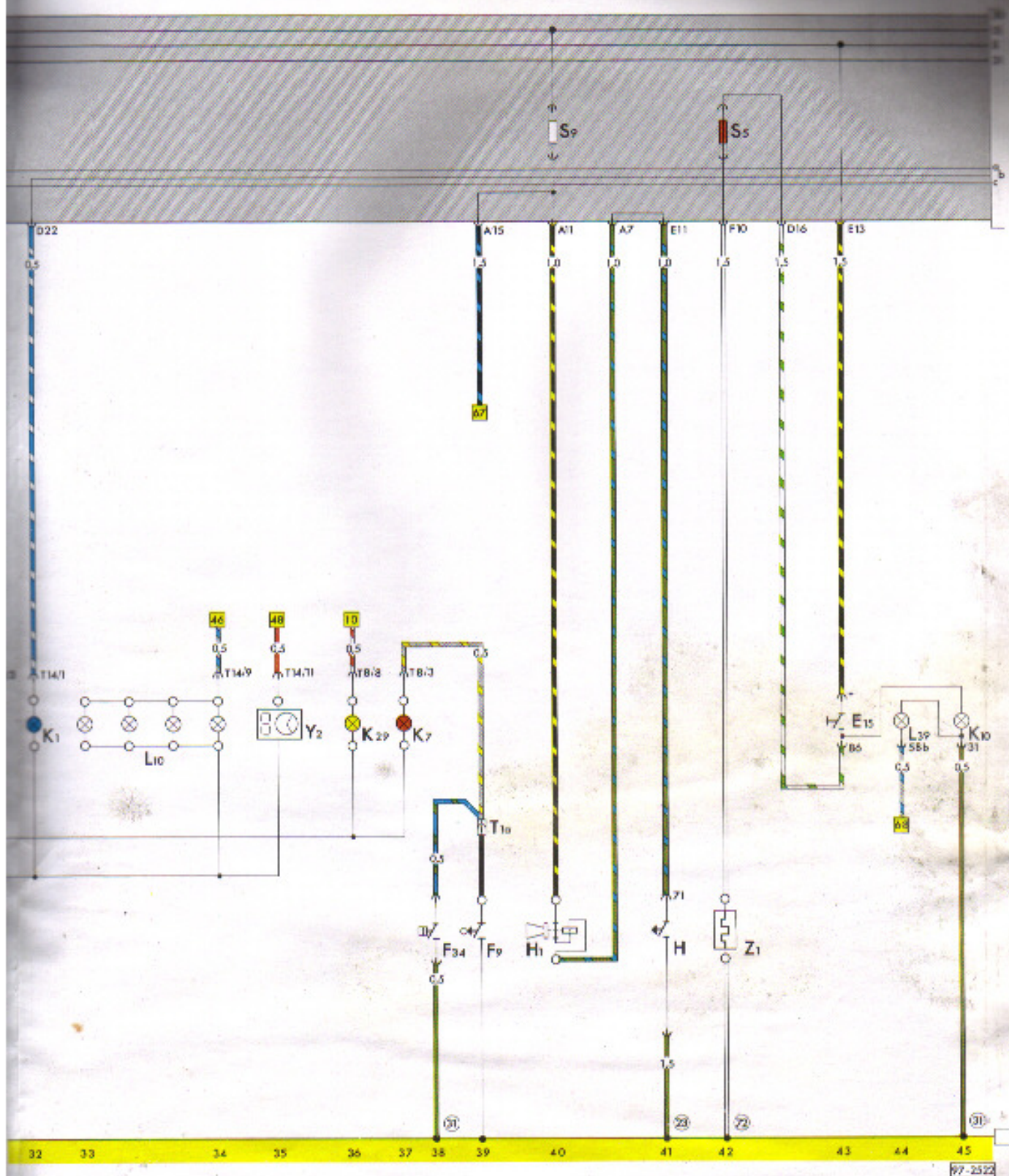


- A - Front wiring loom (white)
- B - No connection
- C - Front wiring loom (neutral)
- D - Dash panel wiring loom (blue)
- E - Dash panel wiring loom (black)
- F - Rear wiring loom (yellow)
- G - Single pin connector
- H - Single pin connector, terminal 30

Fuse colours (Fuse box on relay plate)

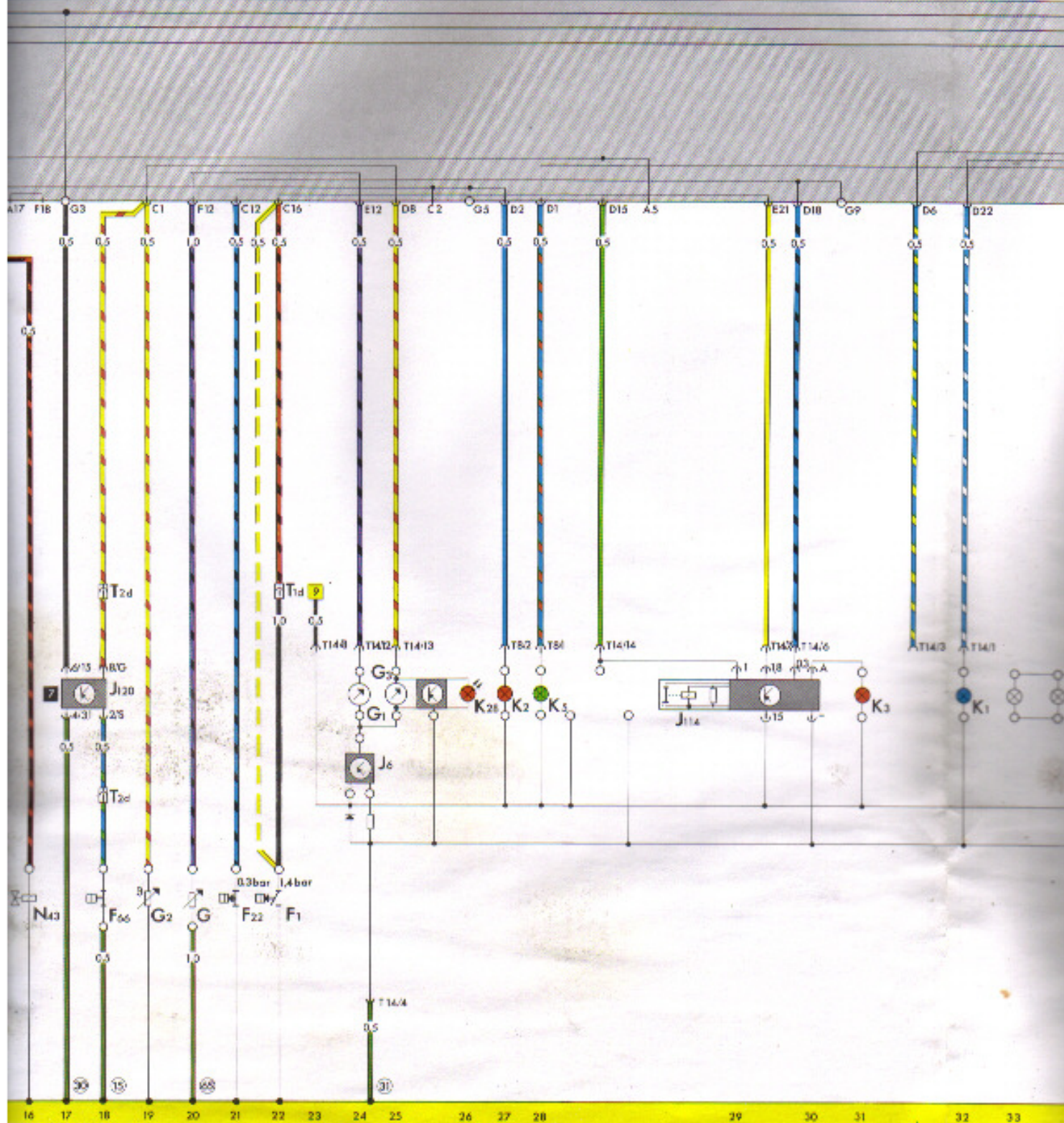
- 25 A - blue
- 16 A - red
- 8 A - white

The number in brackets behind the part designation is the production control number stamped on the housing.



Heated rear window

The grey area at the top of the diagram represents the replay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 11 – multi-point connector D, contact 11).





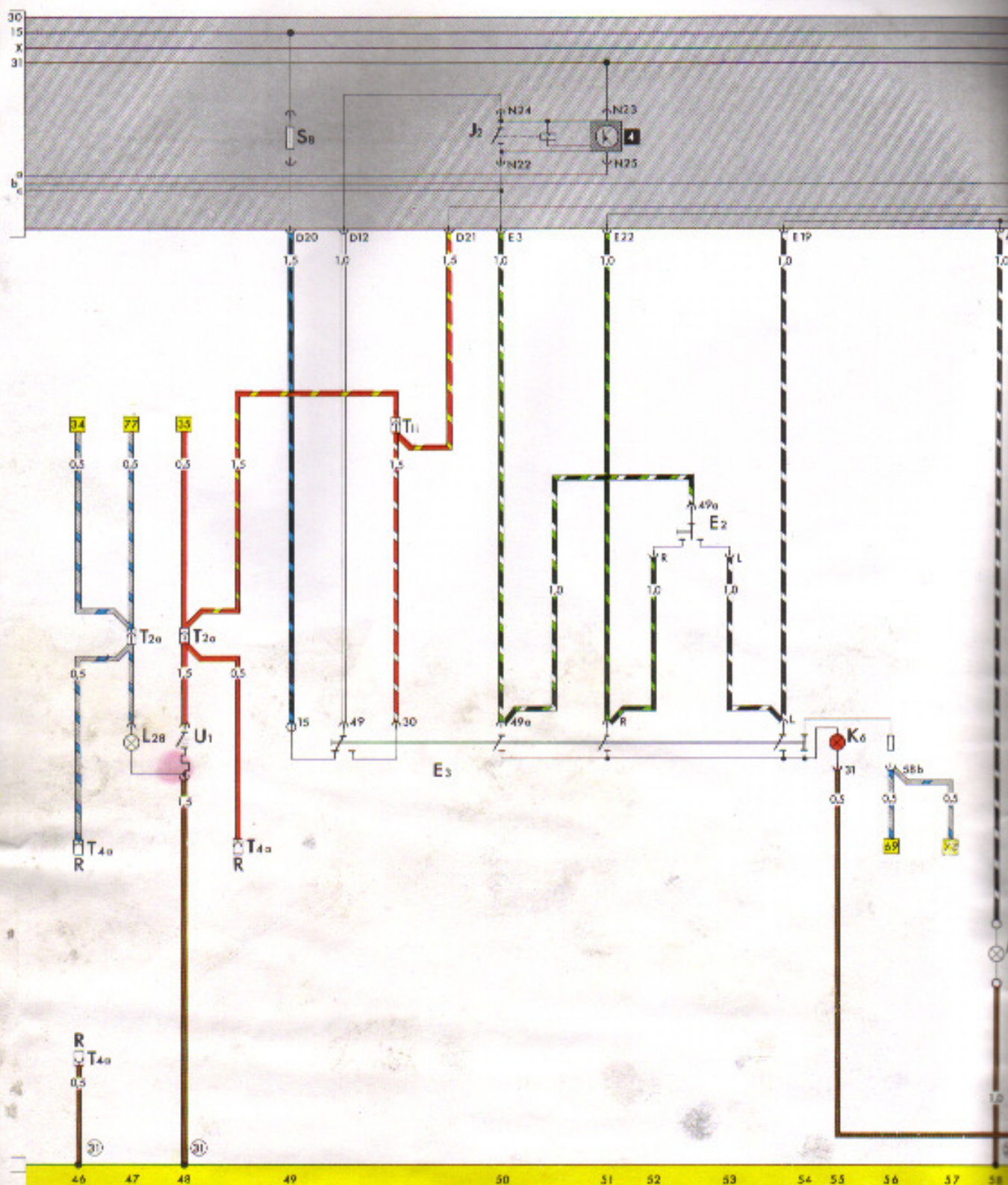
Designation

in current track

E 1	- Lighting switch	74-78
E 2	- Turn signal switch	52, 53
E 3	- Emergency light switch	49-56
E 4	- Headlight dimmer/flasher switch	83, 84
E 9	- Fresh air blower switch	70, 71
E 20	- Instrument/instrument panel lighting control	78
E 22	- Intermittent wiper switch	97-99
F	- Brake light switch	62, 63
F 2	- Front left door contact switch	92
F 4	- Reversing light switch	67
F 7	- Door contact switch, rear (sliding door)	89
F 11	- Rear right door contact switch	90
J 2	- Emergency light relay	50, 51
J 31	- Intermittent wash/wipe relay	95-99
J 59	- Relief relay for X contact	72, 73
K 6	- Emergency light system warning lamp	55
L 1	- Twin filament bulb, left	85, 87
L 2	- Twin filament bulb, right	86, 88
L 9	- Lighting switch light bulb	72
L 16	- Fresh air controls light bulb	68
L 28	- Cigarette lighter light bulb	47
M 1	- Side light bulb, left	80
M 2	- Tail light bulb, right	81
M 3	- Side light bulb, right	82
M 4	- Tail light bulb, left	79
M 5	- Front left turn signal bulb	58
M 6	- Rear left turn signal bulb	59
M 7	- Front right turn signal bulb	60
M 8	- Rear right turn signal bulb	61
M 9	- Brake light bulb, left	65
M 10	- Brake light bulb, right	64
M 16	- Reversing light bulb, left	67
M 17	- Reversing light bulb, right	66
N 23	- Series resistance for fresh air blower	70
R	- Connection for radio	46, 48
S 1-S 4	Fuses in fuse box	
S 6-S 8		
S 10-S 15		
S 50	- Fuse, terminal 58 b, on aux. relay adapter	78
T 1i	- Connector single, behind dash panel	
T 2a	- Connector 2 pin, behind dash panel	
T 2b	- Connector 2 pin, behind dash panel	
T 2c	- Connector 2 pin, behind dash panel	
T 4	- Connector 4 pin, behind dash panel	
T 4a	- Connector 4 pin, behind dash panel	
U 1	- Cigarette lighter	48
V	- Windscreen wiper motor	94, 95
V 2	- Fresh air blower	71
V 5	- Windscreen washer pump	100
W	- Interior light, front	92, 93
W 1	- Interior light, rear/luggage compartment	90, 91
X	- Number plate light	78

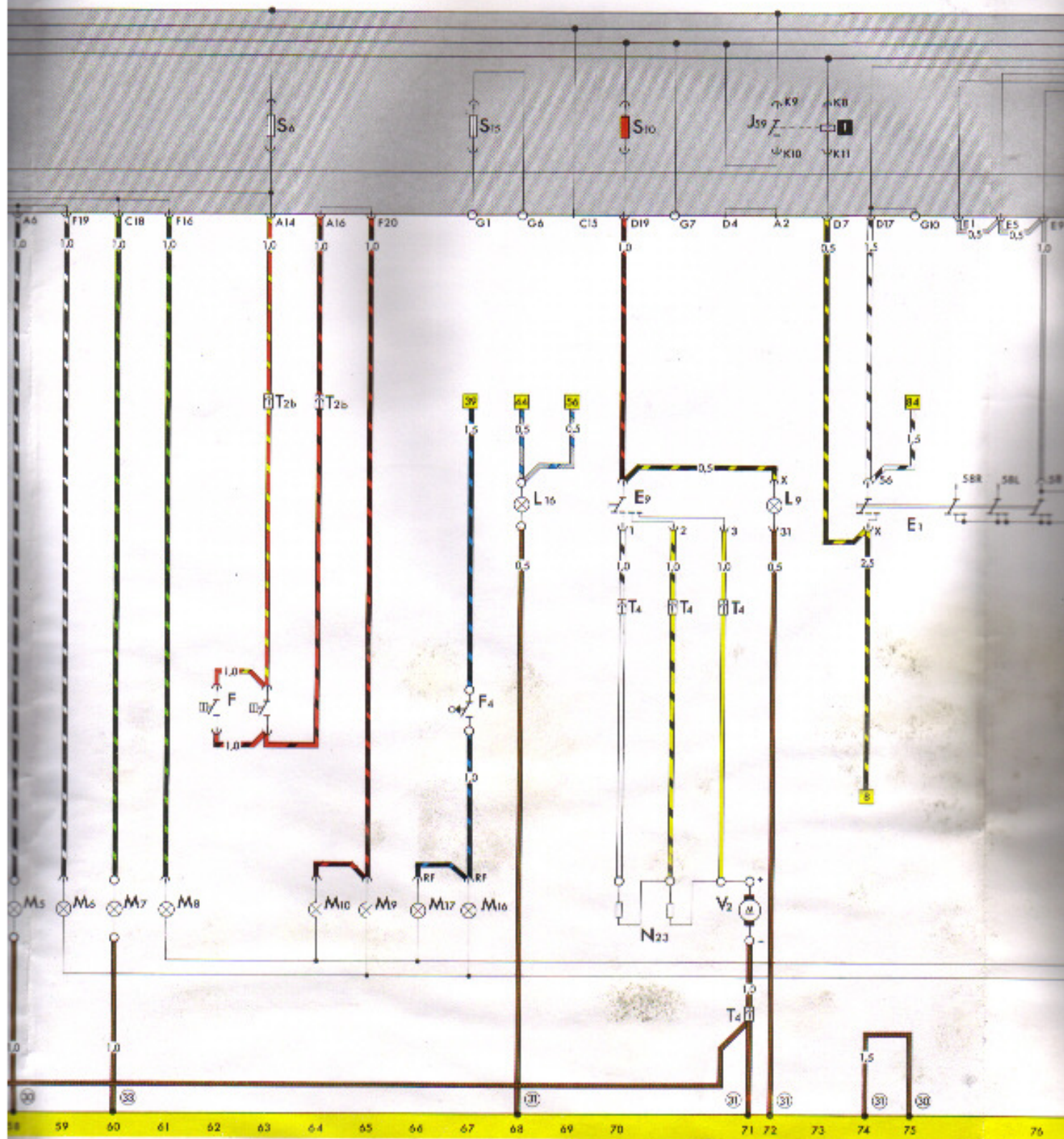
Earthing points:

- ③① - Earth point, next to relay plate
- ③① - Earth point, on dash panel insert
- ③③ - Earth point, behind dash panel, right
- ⑤⑤ - Earth point, rear longitudinal member, left
- ⑤⑤ - Earth point, rear longitudinal member, right
- ⑦① - Earth point, roof rail, front
- ⑦⑨ - Earth point, near interior light, rear



Turn signal/emergency flasher system

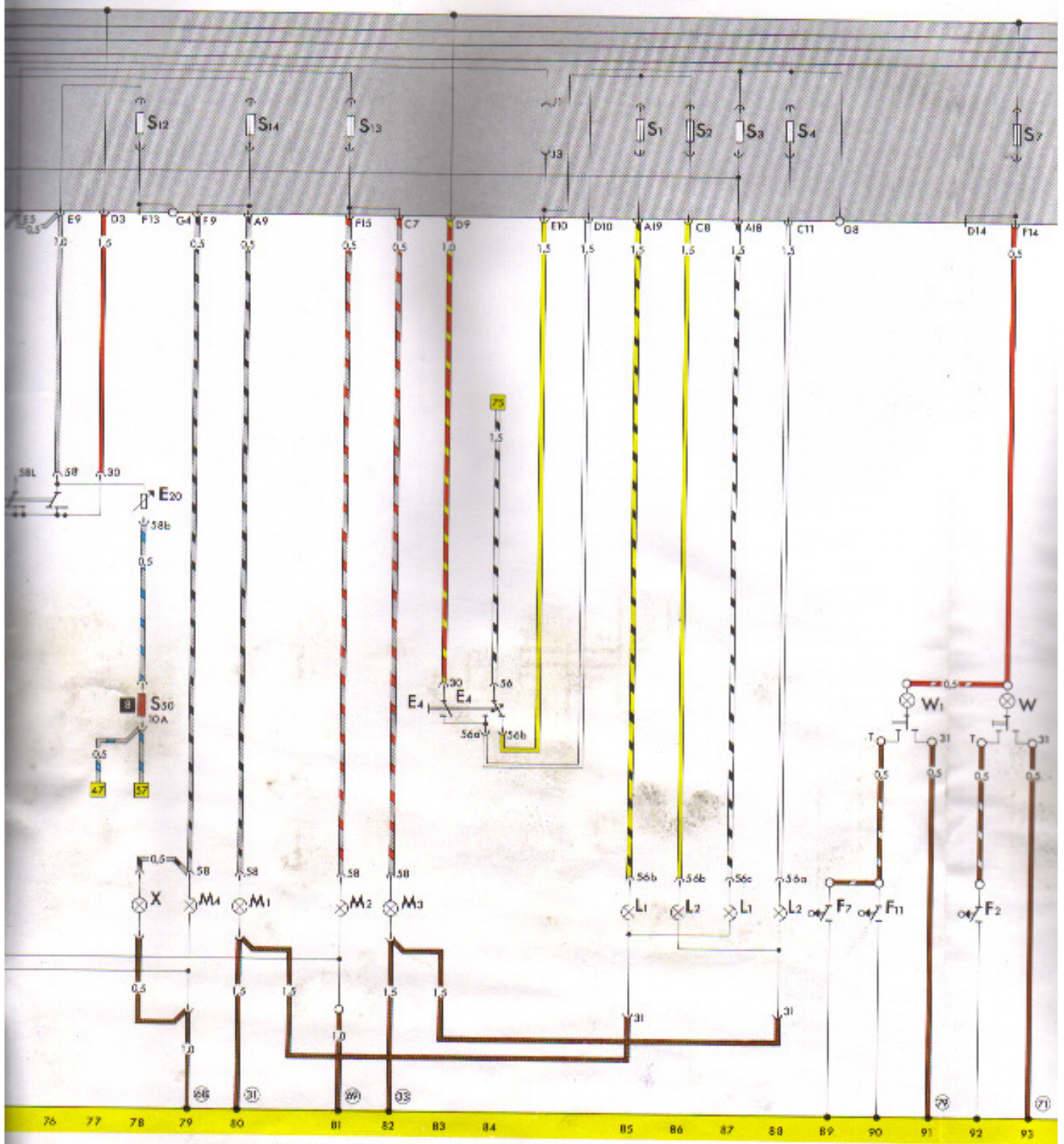
The grey area at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 20 – multi-point connector D, contact 20).



Brake light

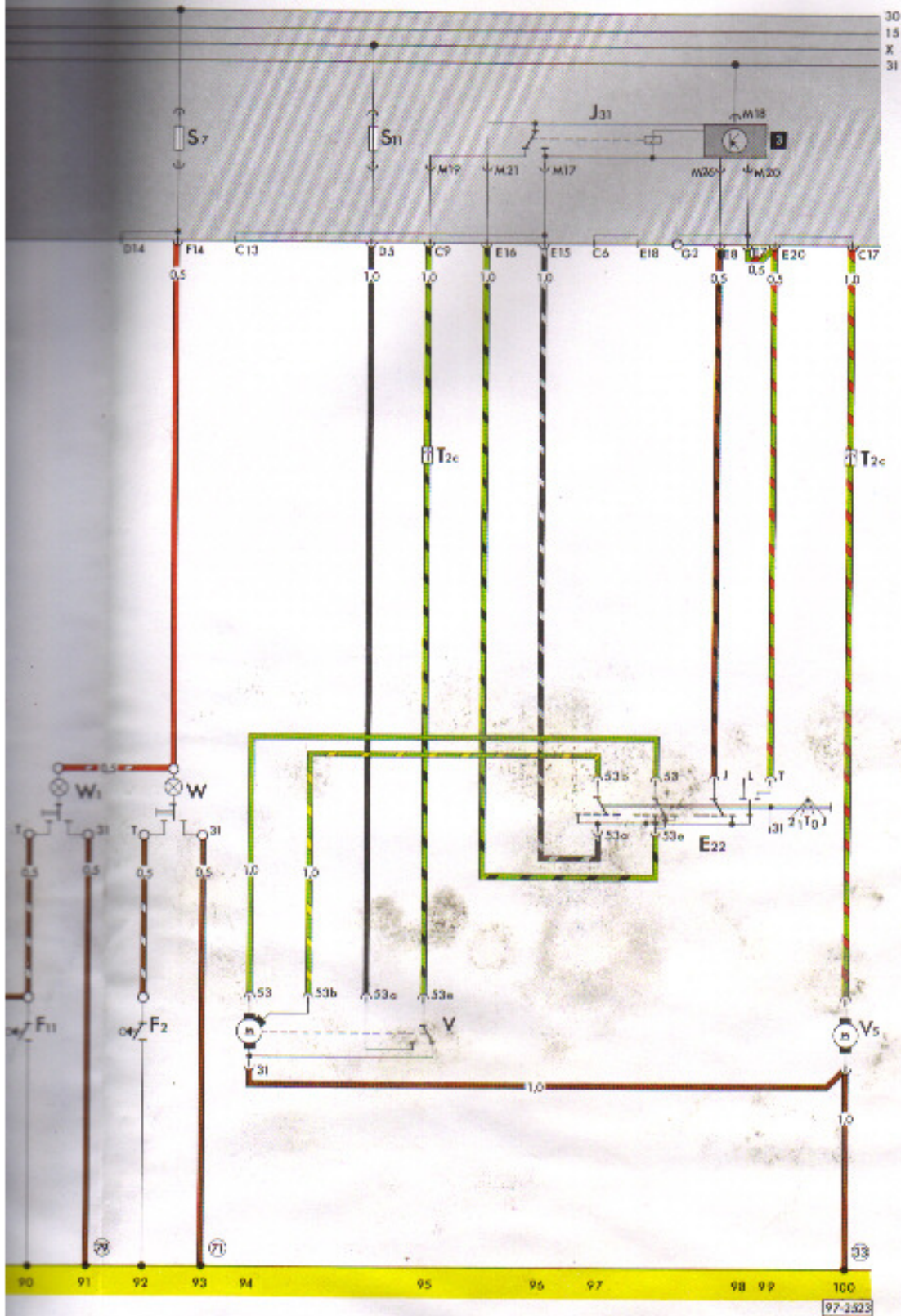
Reversing light

Fresh air blower



Lighting system

Interior lights



prior lights

Windscreen wipe/wash system

97-2323

Designation

in current track

A	- Battery	5
B	- Starter	6, 7
C	- Alternator	2-4
C 1	- Voltage regulator	2-4
D	- Ignition/starter switch	7-9
E 15	- Heated rear window switch	43
F 1	- Oil pressure switch (1.4 bar)	22
F 9	- Handbrake warning system switch	39
F 22	- Oil pressure switch (0.3 bar)	21
F 34	- Brake fluid level warning contact	38
F 66	- Coolant shortage indicator switch	18
G	- Fuel gauge sender	20
G 1	- Fuel gauge	24
G 2	- Coolant temperature gauge sender	19
G 3	- Coolant temperature gauge	25
G 27	- Sensor for engine temperature (glow plug system)	10
H	- Horn plate	41
H 1	- Horn	40
J 6	- Voltage stabilizer	24
J 52	- Glow plug relay, on aux. adapter	10-13
J 114	- Oil pressure monitor control unit	29, 30
J 120	- Coolant shortage indicator switch, on aux. relay adapter	17, 18
K 1	- Main beam warning lamp	32
K 2	- Generator warning lamp	27
K 3	- Oil pressure warning lamp	31
K 5	- Turn signal warning lamp	28
K 7	- Dual circuit brake and handbrake warning lamp	37
K 10	- Heated rear window warning lamp	45
K 28	- Warning lamp for coolant temperature/coolant shortage	26
K 29	- Glow period warning lamp	36
L 10	- Instrument panel insert light bulb	33, 34
L 39	- Heated rear window switch bulb	44
N 43	- Electro-magnetic cut-off	16
Q 6	- Glow plug	12-15
S 5	Fuses in fuse box	
S 9		
S 20	- Fuse in engine compartment	13, 14
T 1a	- Connector single, behind dash panel	
T 1b	- Connector single, behind relay plate	
T 1d	- Connector single, in engine compartment	
T 2	- Connector 2 pin, in engine compartment	
T 2d	- Connector 2 pin, behind relay plate	
T 8/	- Connector 8 pin, on dash panel insert	
T 14/	- Connector 14 pin, on dash panel insert *	
Y 2	- Digital clock	35
Z 1	- Heated rear window	42

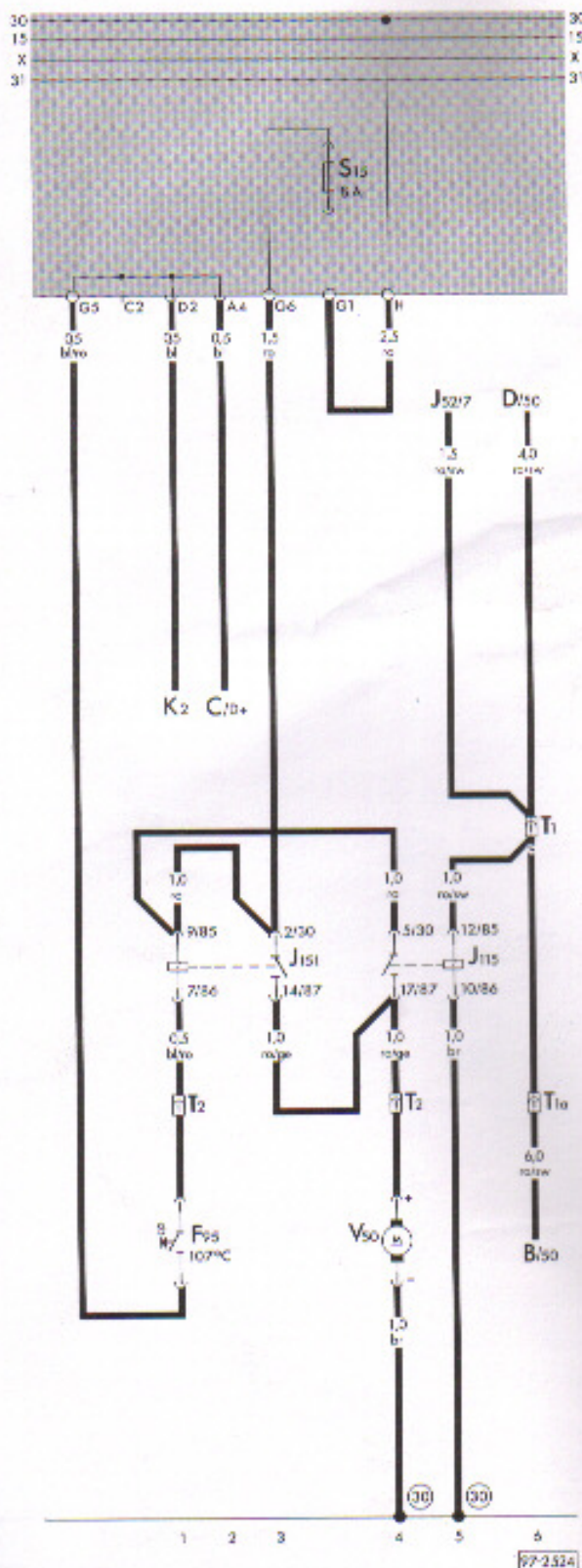
* - The contacts in the T 14 connector are appropriate to the designations on the dash panel insert printed circuit and **not** the designation of the connector on the wiring loom.

— — — Wiring for naturally aspirated Diesel engine

Earthing points:

- ① - Earthing strap from battery to body
- ③ - Earthing strap from engine to body
- ⑮ - Earth point on cylinder head
- ⑳ - Earth wire above steering gear
- ㉑ - Earth point next to relay plate
- ㉓ - Earth point on dash panel insert
- ㉕ - Earth point on left hand longitudinal member, rear

ADDITIONAL CURRENT FLOW DIAGRAM — COOLANT CIRCUIT RUN-ON (TURBO DIESEL),
from June 1986



Designation	in current track
B — Starter	6
C — Alternator	2
D — Ignition/starter switch	6
F 95 — Thermo switch for coolant circuit run-on	1
J 52 — Glow plug relay	5
J 115 — Relay for compulsory start on aux. relay adapter	4, 5
J 151 — Relay for coolant circuit run-on, on aux. relay adapter	1-3
K 2 — Generator warning lamp	1
T 1 — Connector, single, behind relay plate	
T 1a — Connector, single, behind relay plate	
T 2 — Connector, 2 pin, behind relay plate	
V 50 — Pump for coolant circulation	4

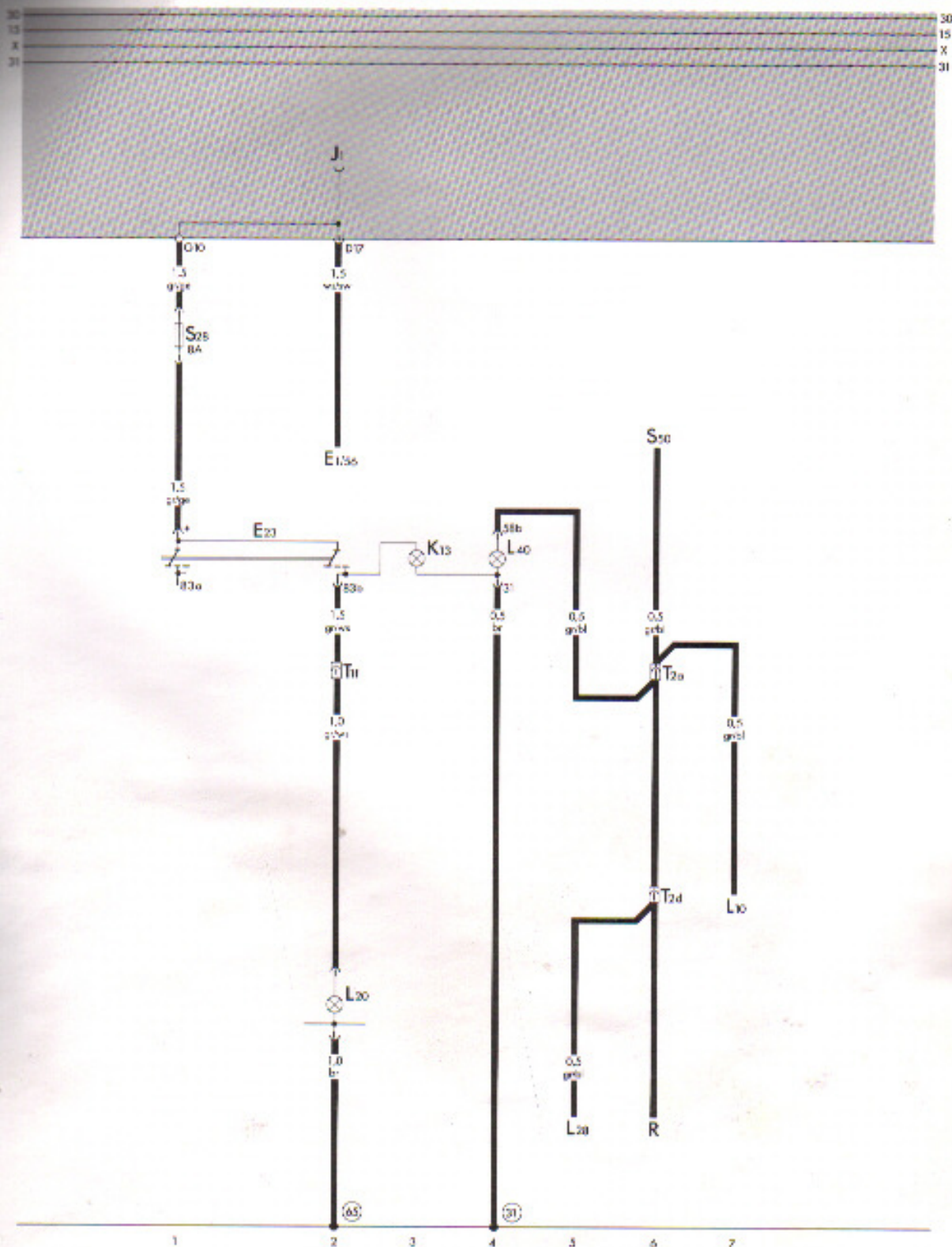
Earthing points:

⊙ — Earth point, next to relay plate

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - REAR FOGLIGHT
from July 1985



97-2723

E 1	- Lighting switch	5
E 23	- Fog light and rear fog light switch	1 - 4
K 13	- Rear fog light warning lamp	3
L 10	- Dash panel insert light bulb	7
L 20	- Rear fog light bulb	2
L 28	- Cigarette lighter light bulb	5
L 40	- Front and rear fog light switch bulb	4
R	- Connection for radio	6
S 28	- Separate fuse for fog light above relay plate	1
S 50	- Fuse, terminal 58B above relay plate	6
T 1f	- Connector single, behind dash panel, left	-
T 2a	- Connector 2 pin behind dash panel, left	-
T 2d	- Connector 2 pin behind dash panel, left	-

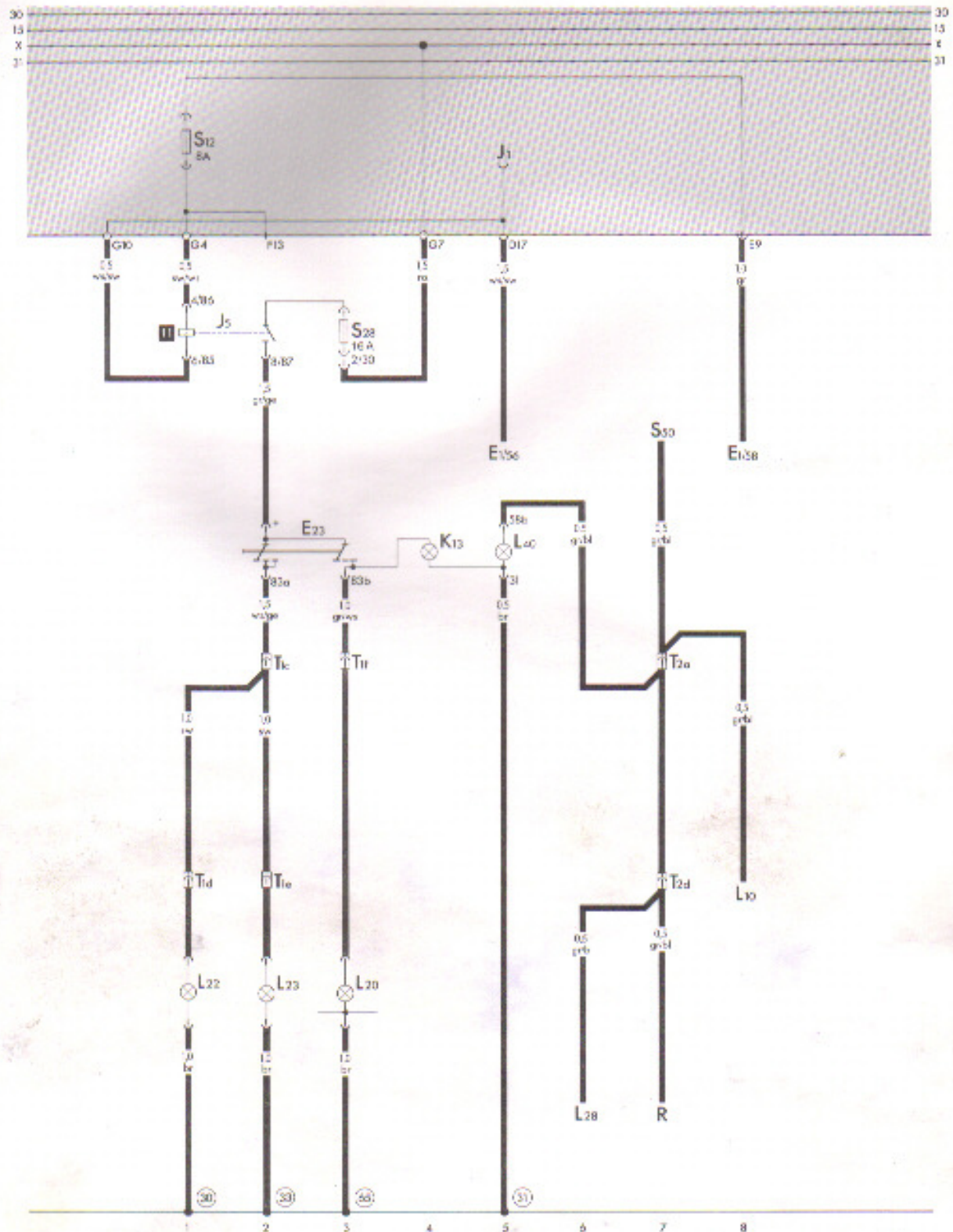
Earth points:

③1	- Earth point, on dash panel insert	-
⑥5	- Earth point, longitudinal member left, rear	-

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM – FRONT AND REAR FOGLIGHTS (NORWAY, FINLAND),
from July 1986



97-0726

E 1	- Lighting switch	5,8
E 23	- Fog light and rear fog light switch	2-5
J 5	- Fog light relay above relay plate	1-3
K 13	- Rear fog light warning lamp	4
L 10	- Dash panel insert light bulb	8
L 20	- Rear fog light bulb	3
L 22	- Fog light bulb, left	1
L 23	- Fog light bulb, right	2
L 28	- Cigarette lighter light bulb	6
L 40	- Front and rear fog light switch bulb	5
R	- Connection for radio	7
S 28	- Separate fuse for fog light	3
S 50	- Fuse, terminal 58B above relay plate	7
T 1c	- Connector single, behind dash panel, left	-
T 1d	- Connector single, behind air intake grille	-
T 1e	- Connector single, behind air intake grille	-
T 1f	- Connector single, behind dash panel, left	-
T 2a	- Connector 2 pin, behind dash panel, left	-
T 2d	- Connector 2 pin, behind dash panel, left	-

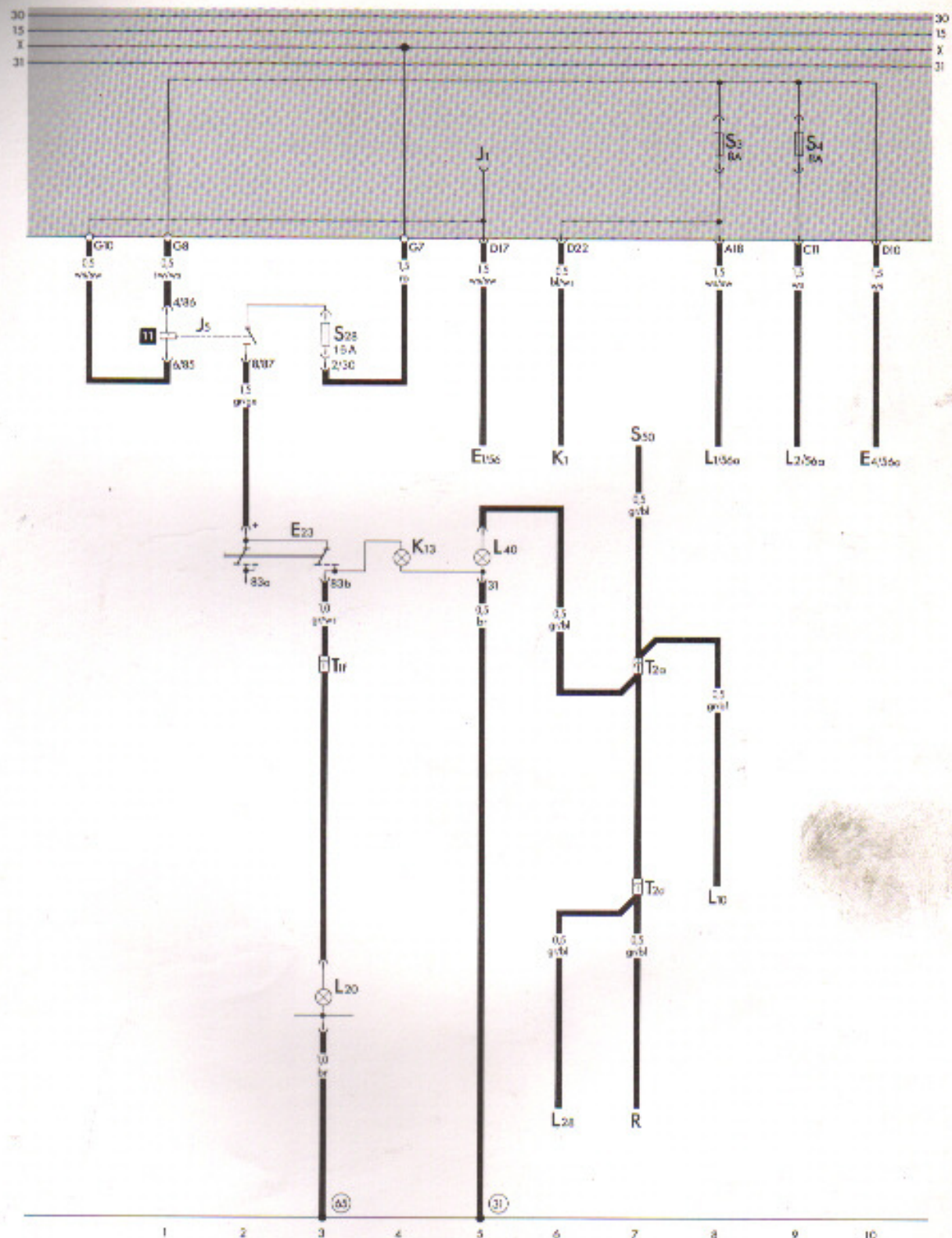
Earth points:

(30)	- Earth point, next to relay plate	-
(31)	- Earth point, on dash panel insert	-
(33)	- Earth point, behind dash panel, right	-
(65)	- Earth point, longitudinal member left, rear	-

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM – REAR FOGLIGHT (FRANCE),
From July 1986



97-2725

E 1	- Lighting switch	5
E 4	- Headlight dimmer/flasher switch	10
E 23	- Fog light and rear fog light switch	2-5
J 5	- Fog light relay above relay plate	1-3
K 1	- Main beam warning lamp	6
K 13	- Rear fog light warning lamp	4
L 1	- Twin filament bulb, left	8
L 2	- Twin filament bulb, right	9
L 10	- Dash panel insert light bulb	8
L 20	- Rear fog light bulb	3
L 28	- Cigarette lighter light bulb	6
L 40	- Front and rear fog light switch bulb	5
R	- Connection for radio	7
S 28	- Separate fuse for fog light	3
S 50	- Fuse, terminal 58B above relay plate	7
T 1f	- Connector single, behind dash panel, left	-
T 2a	- Connector 2 pin, behind dash panel, left	-
T 2d	- Connector 2 pin, behind dash panel, left	-

Earth points:

(31)	- Earth point, on dash panel insert	-
(55)	- Earth point, longitudinal member left, rear	-

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - FUSING TERMINAL 58B BEHIND DASH PANEL from April 1987



Designation

in current track

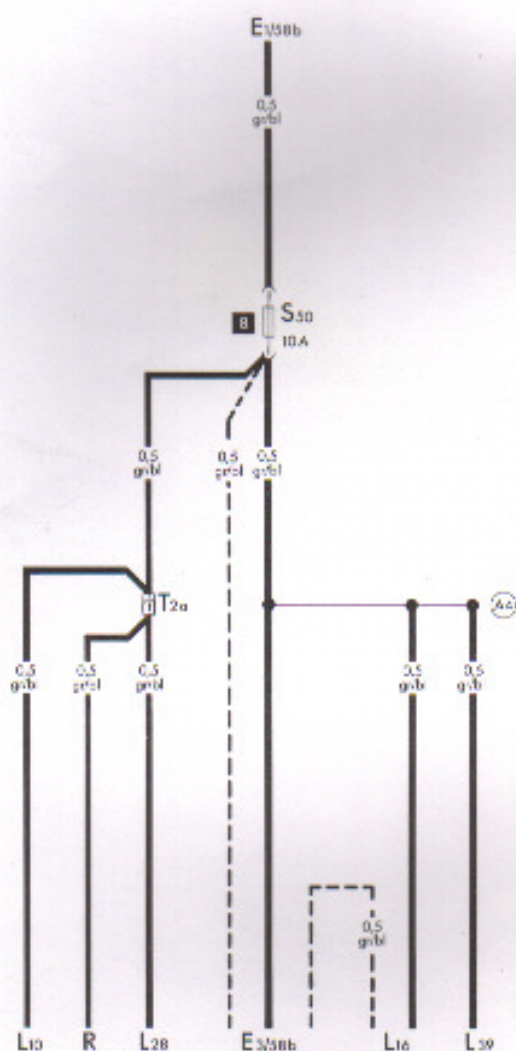
E 1	- Lighting switch	4
E 3	- Emergency light switch	4
L 10	- Dash panel insert light bulb	1
L 16	- Fresh air controls light bulb	5
L 28	- Cigarette lighter light bulb	3
L 39	- Heated rear window switch bulb	6
R	- Connection for radio	2
S 50	- Fuse, terminal 58B	4
T 2a	- Connector 2 pin behind dash panel	
(A4)	- Positive (+) connection (58b), in dash panel wiring loom, on M 102 - heated rear window	
---	- without M 102 - heated rear window	

Relay positions:

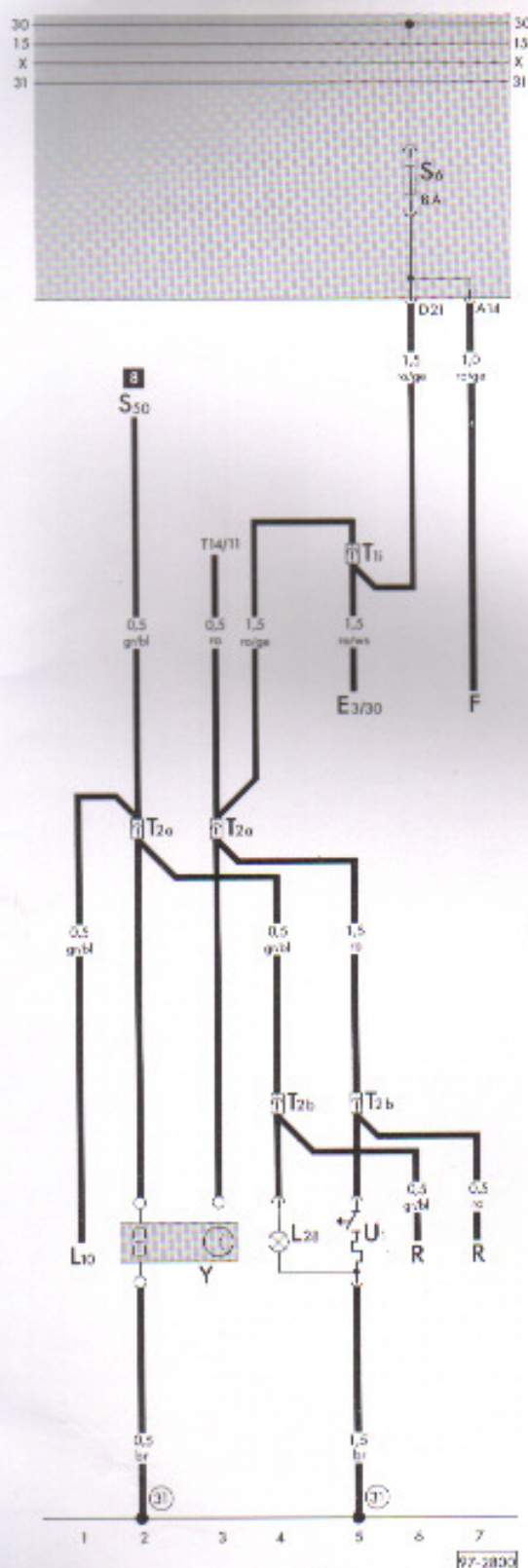
8	- Fuse, terminal 58b, above the relay plate
----------	---

Wire colours:

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



ADDITIONAL CURRENT FLOW DIAGRAM – CLOCK IN DASH PANEL WITH REV. COUNTER from January 1987



Designation

Designation		in current track
E 3	Emergency light switch	5
F	Brake light switch	7
L 10	Dash panel insert light bulb	1
L 28	Cigarette lighter light bulb	4
R	Connection for radio	6, 7
S 50	Fuse, terminal 58B	2
T 1i	Connector single, behind dash panel	
T 2a	Connector 2 pin, behind dash panel	
T 2b	Connector 2 pin, behind dash panel	
T 14	Connector 14 pin, on dash panel insert	
U 1	Cigarette lighter	5
Y	Clock	2, 3

Earth point:

- ③1 – Earth point, on dash panel insert

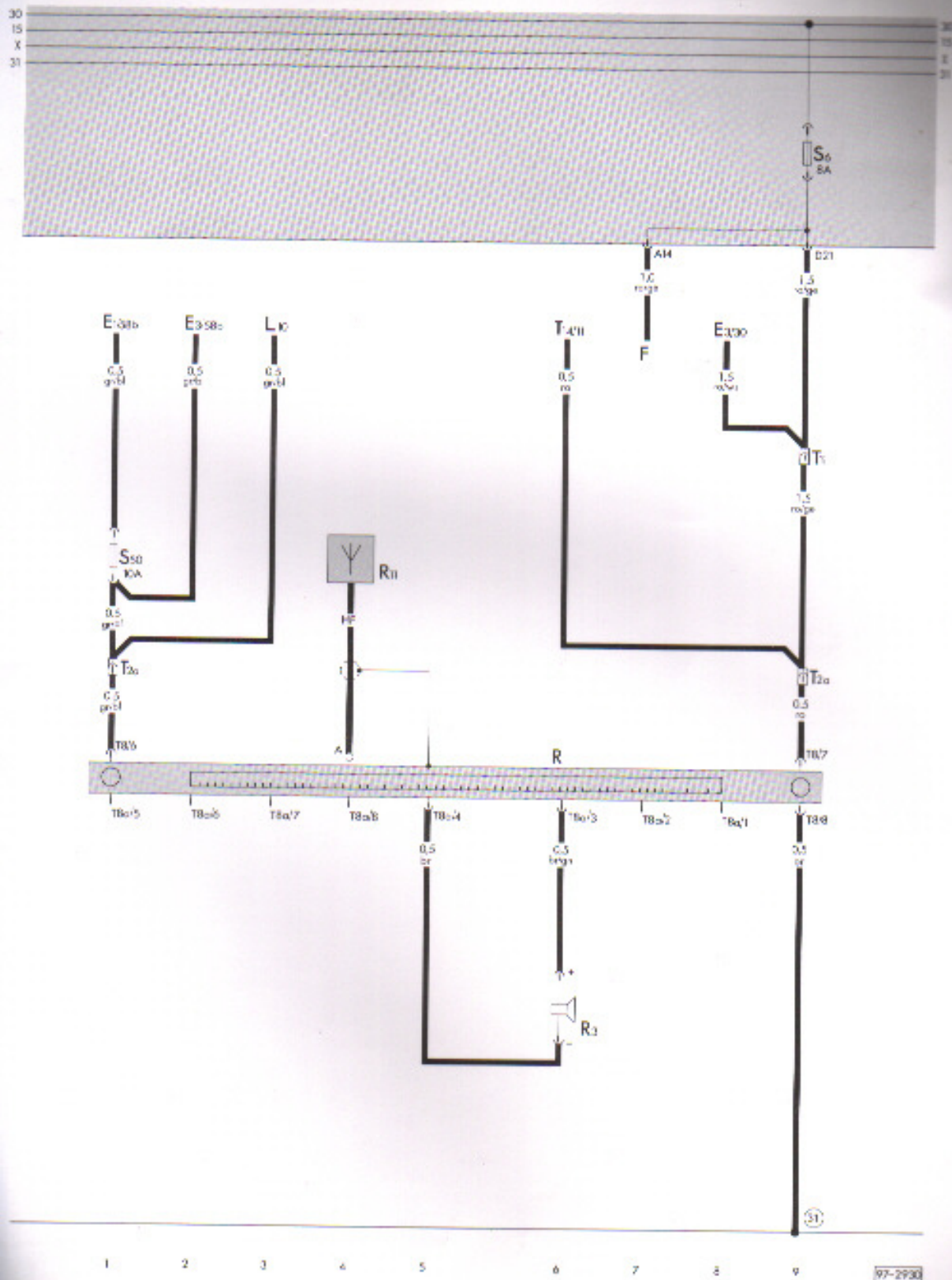
Relay positions:

- 8 – Fuse, terminal 58b, above the relay plate

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - RADIO INSTALLATION "ALPHA" (MONO)
from Juli 1987



Designation**in current track**

E 1	- Lighting switch	1
E 3	- Emergency light switch	8
E 3	- Emergency light switch	2
F	- Brake light switch	7
L 10	- Dash panel insert light bulb	3
R	- Radio with incorporated fader control	1-9
R 3	- Front right loudspeaker	6
R 11	- Aerial	4
S 50	- Fuse, terminal 58 above the relay plate	1
T 1i	- Connector single, behind dash panel	
T 2a	- Connector 2 pin, behind dash panel	
T 14/	- Connector 14 pin on dash panel insert	

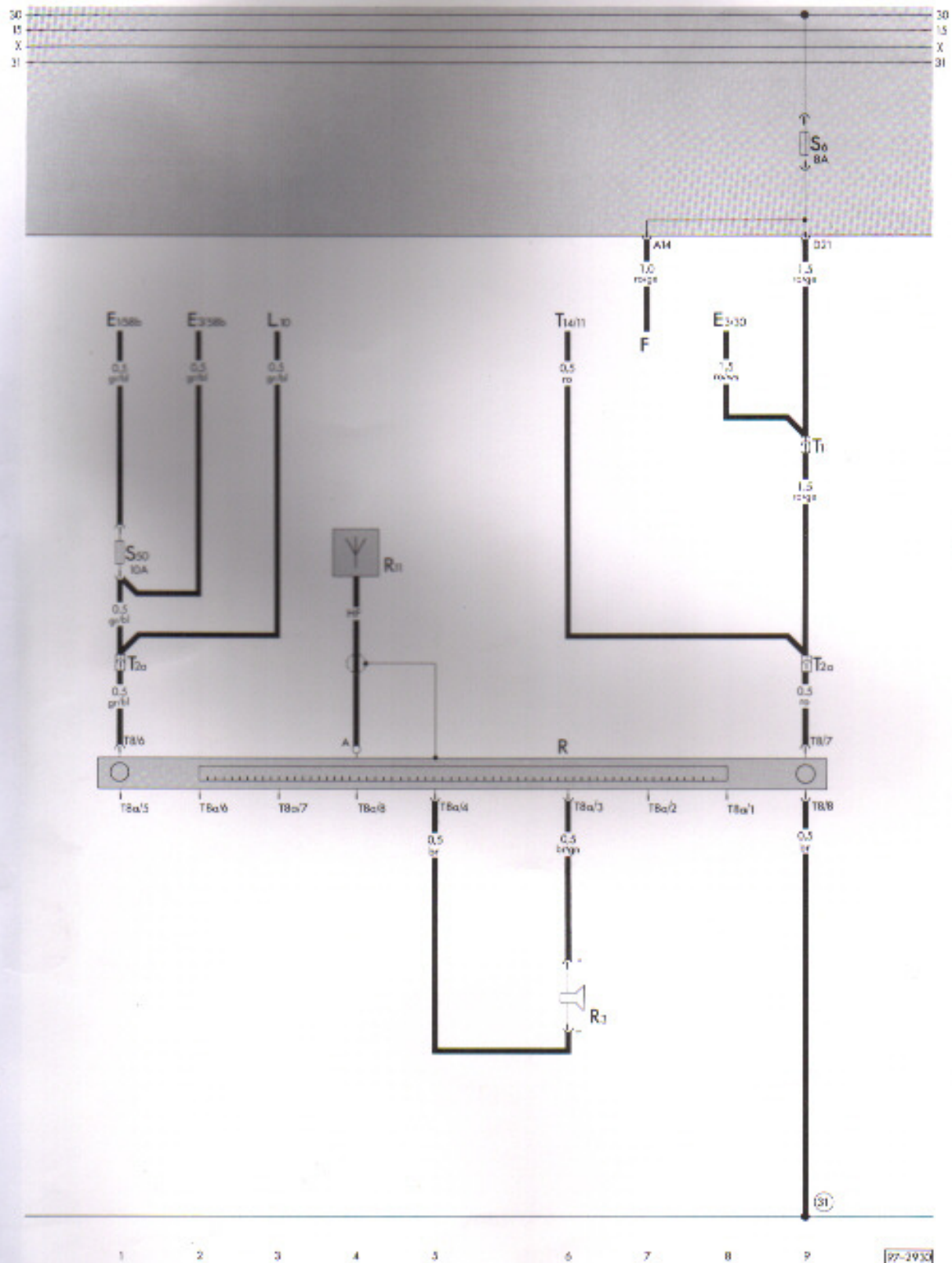
Earth point:

- ③1 - Earth point, on dash panel insert

Wire colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM – RADIO INSTALLATION “ALPHA” (MONO)
from Juli 1987

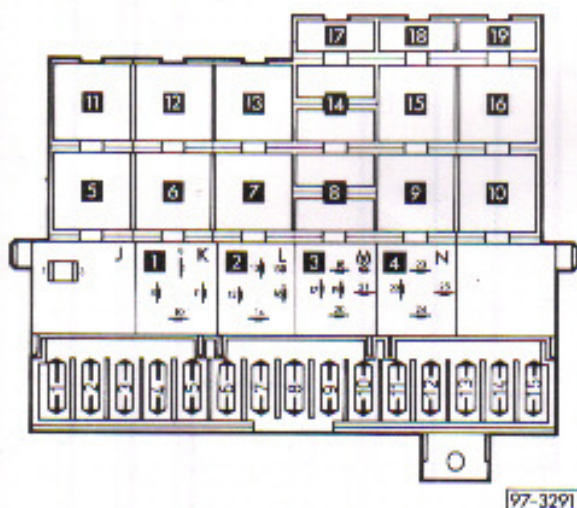


Current flow diagram

LT (2.4 ltr./69 kW fuel injection engine-Digifant), Engine code letters 1E

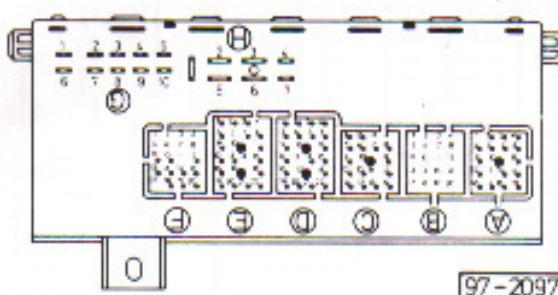
from October 1988

Relay locations



- 1 - Relief relay for x-contact (24)
- 2 - vacant
- 3 - Intermittent wash/wipe facility relay (19)
- 4 - Emergency flasher relay (21)
- 5 - Digifant control unit current supply relay (30)
- 7 - Coolant shortage indicator control unit
- 8 - Cooling blower fuse/injectors and connection for self diagnosis
- 8 - Fuse, terminal 58 b
- 9 - Fuel pump and injectors relay (91)

Connections



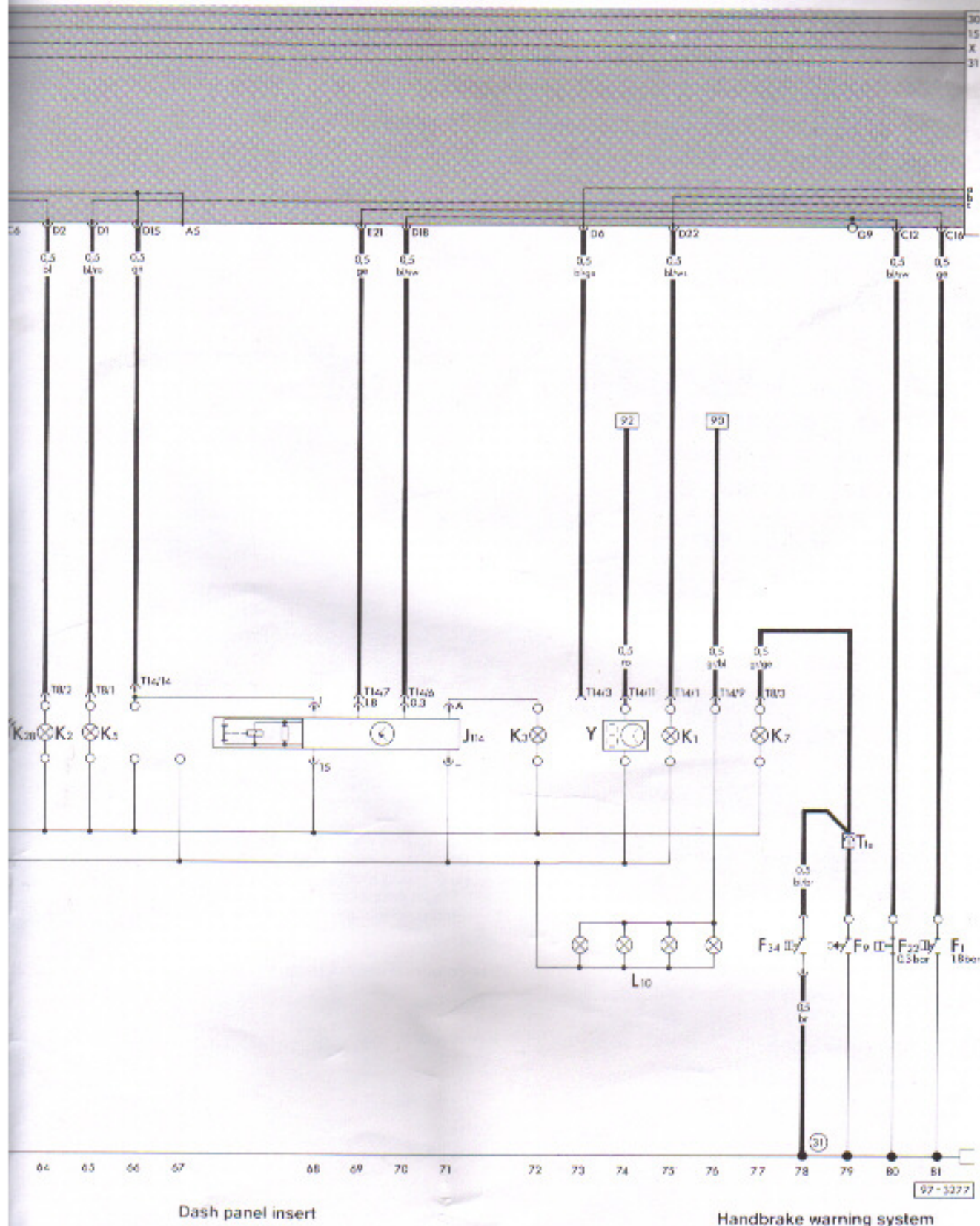
- A - Front wiring loom (white)
- B - No connection
- C - Front wiring loom (neutral)
- D - Dash panel wiring loom (blue)
- E - Dash panel wiring loom (black)
- F - Rear wiring loom (yellow)
- G - Single connector
- H - Single connector, terminal 30

Fuse colours (Fuse holder on relay plate)

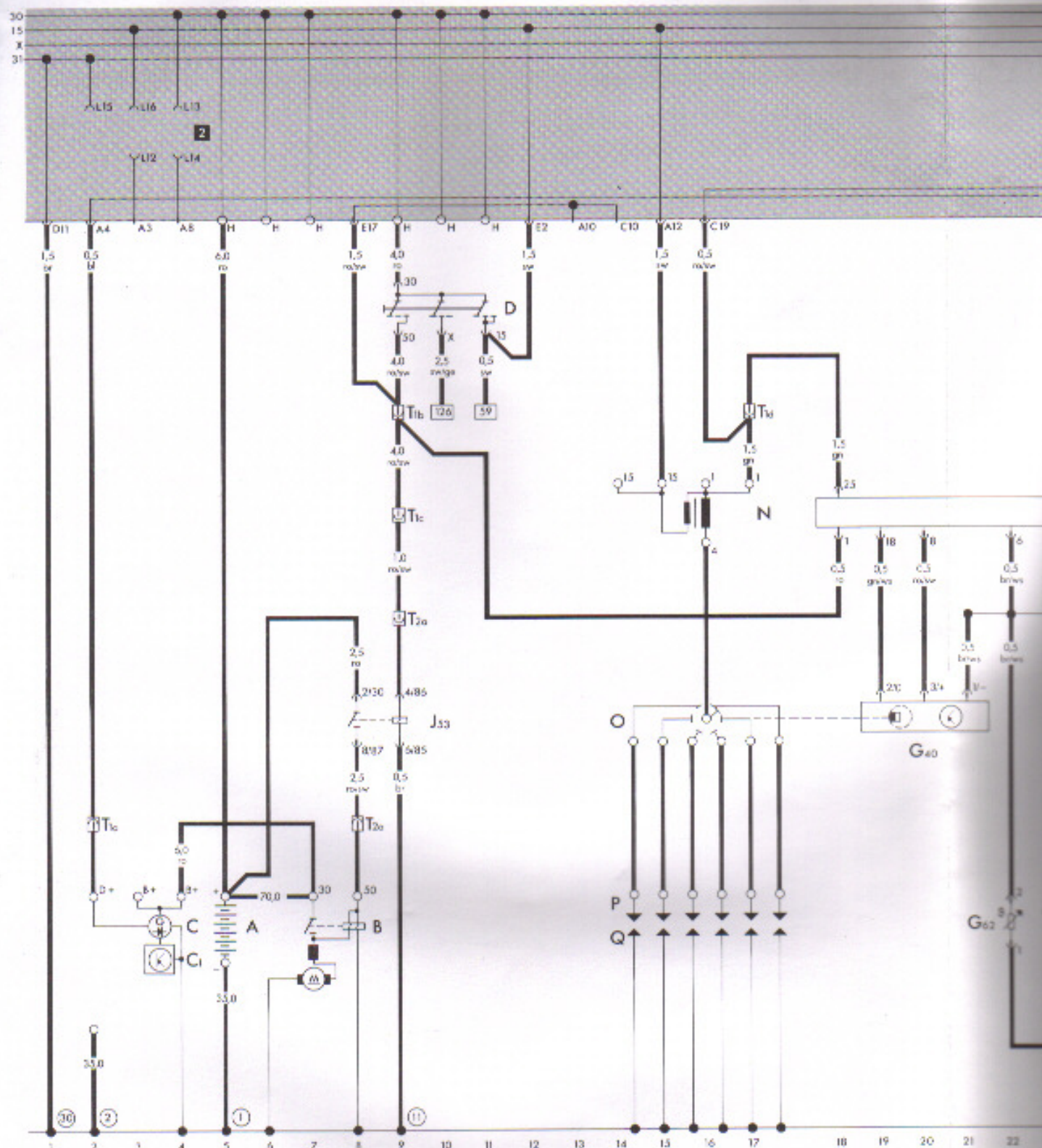
- 25 A - blue
- 16 A - red
- 8 A - white

The number in brackets behind the part designation is the production control number stamped on the housing.

LT (2.4 ltr./69 kW fuel injection engine – Digifant), from October 1988



The **grey area** at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D20 – multi-point; connector D, contact 20).



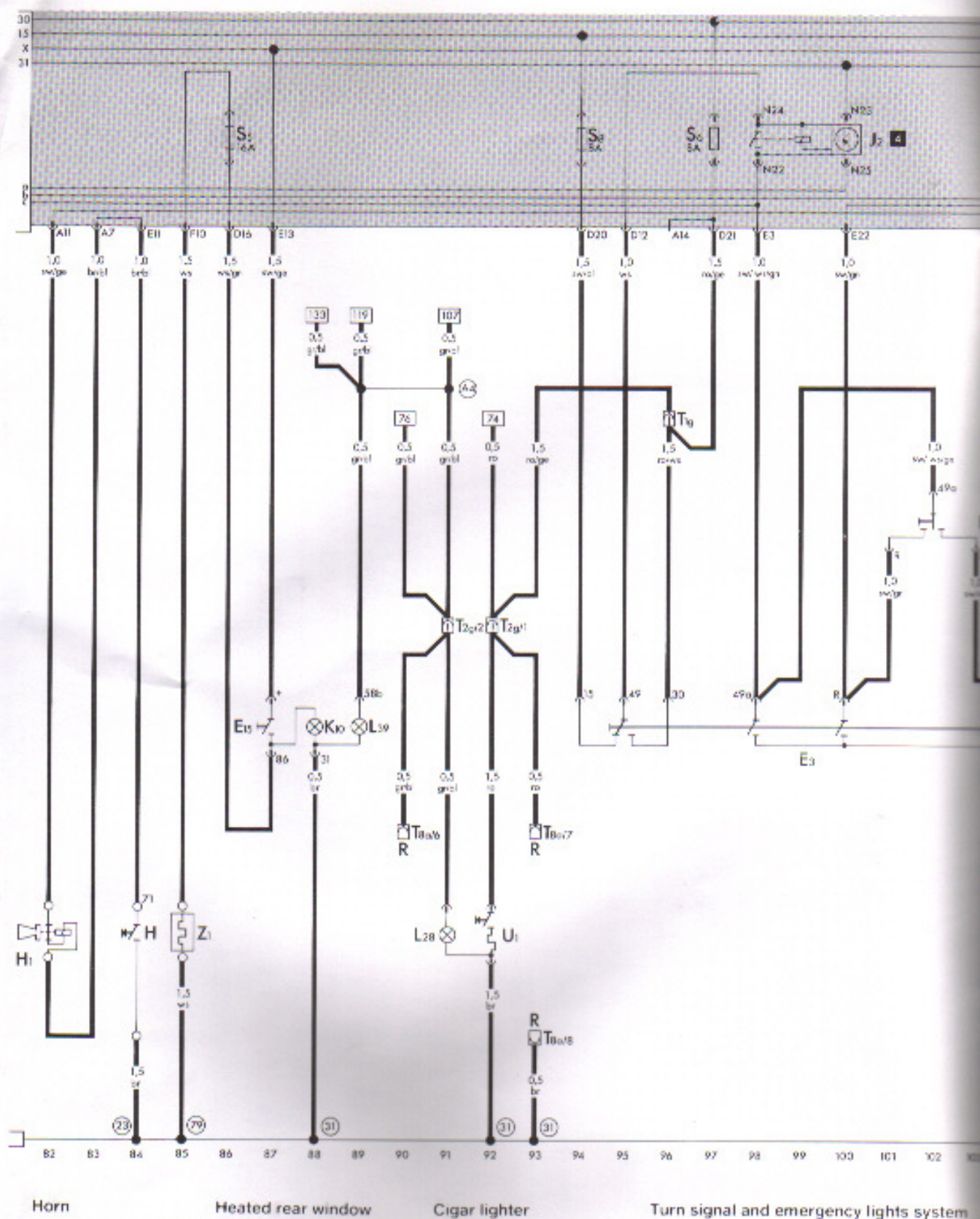
Starter and current supply

Ignition system

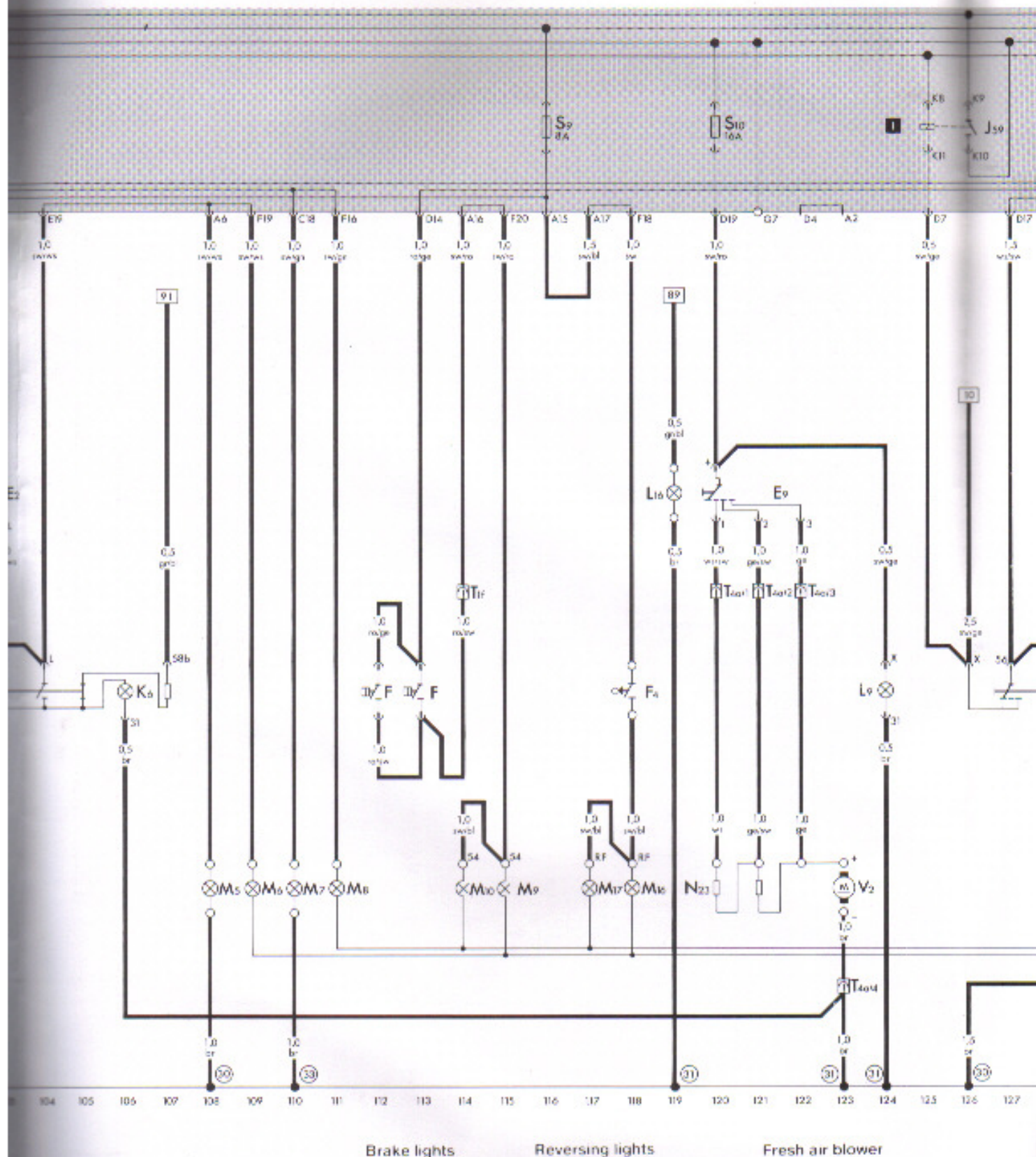
Designation	in current track
E 1 - Lighting switch	126-133
E 2 - Turn signal switch	101-103
E 3 - Emergency light switch	94-107
E 4 - Headlight dipper/flasher switch	142, 143
E 9 - Fresh air blower switch	120-122
E 15 - Heated rear window switch	87-89
E 20 - Instrument/dash panel lighting control	133
E 22 - Intermittent wiper switch	157-161
F - Brake light switch	112, 113
F 2 - Front left door contact switch	153
F 4 - Reversing light switch	118
F 7 - Door contact switch, (sliding door)	150
F 11 - Rear right door contact switch	151
H - Horn plate	84
H 1 - Horn	82
J 2 - Emergency light relay	98-100
J 31 - Intermittent wash/wipe relay	154-159
J 59 - Relief relay for x contact	125, 126
K 6 - Emergency light system warning lamp	106
K 10 - Heated rear window warning lamp	88
L 1 - Twin filament bulb left headlight	146, 147
L 2 - Twin filament bulb right headlight	148, 149
L 9 - Lighting switch light bulb	124
L 16 - Fresh air controls light bulb	119
L 28 - Cigarette light bulb	91
L 39 - Heated rear window switch bulb	89
M 1 - Side light bulb, left	136
M 2 - Tail light bulb, right	138
M 3 - Side light bulb, right	139
M 4 - Tail light bulb, left	135
M 5 - Front left turn signal bulb	108
M 6 - Rear left turn signal bulb	109
M 7 - Front right turn signal bulb	110
M 8 - Rear right turn signal bulb	111
M 9 - Brake light bulb, left	115
M 10 - Brake light bulb, right	114
M 16 - Reversing light bulb, left	118
M 17 - Reversing light bulb right	117
M 26 - Connection for marker lights	141
N 23 - Series resistance for fresh air blower	120, 121
R - Connection for radio	90-93
S1-S14 - Fuses in fuse box/relay plate	

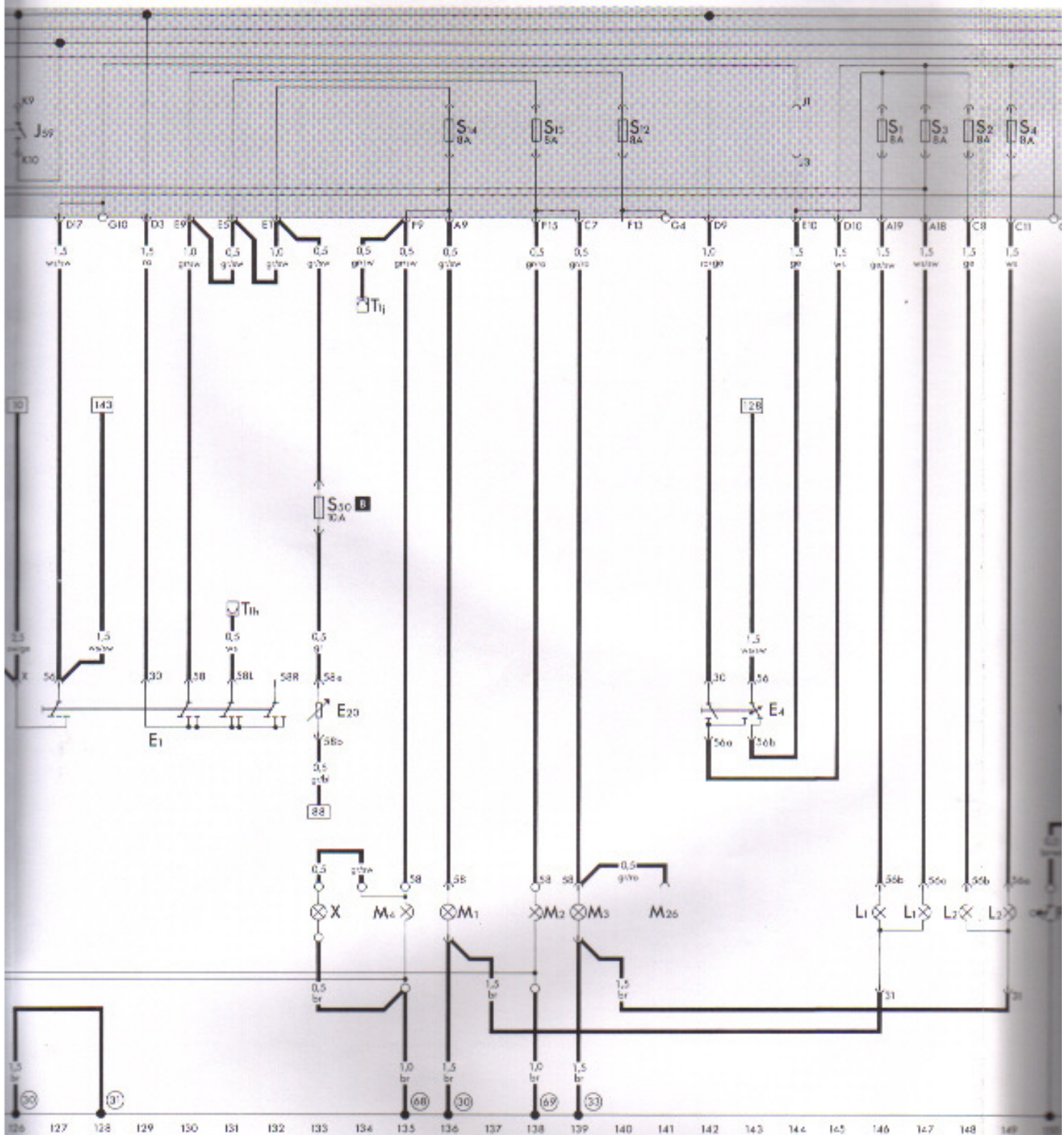
Continued ►

Designation	in current track
S 50 - Fuse, terminal 58B	133
T 1f - Connector single, behind dash panel	
T 1g - Connector single, behind dash panel, left	
T 1h - Connector single, behind relay plate	
T 1j - Connector single, behind dash panel, left	
T 2g - Connector 2 pin, behind dash panel, left	
T 2h - Connector 2 pin, behind relay plate	
T 4a - Connector 4 pin, near fresh air blower	
T 8a - Connector 8 pin, for radio, behind dash panel insert	
U 1 - Cigarette lighter	92
V - Windscreen wiper motor	162-165
V 2 - Fresh air blower	123
V 5 - Windscreen washer pump	166
W - Interior light, front	153, 154
W 1 - Interior light, rear load compartment	151, 152
X - Numer plate light	133
Z 1 - Heated rear window	85
29 - Earth wire, above steering gear	
30 - Earth point, next to relay plate	
31 - Earth point, on dash panel insert	
33 - Earth point, behind dash panel, right	
71 - Earth point, front roof rail	
79 - Earth point, near rear interior light	
A4 - Positive (+) connection (58B), in dash panel wiring loom	



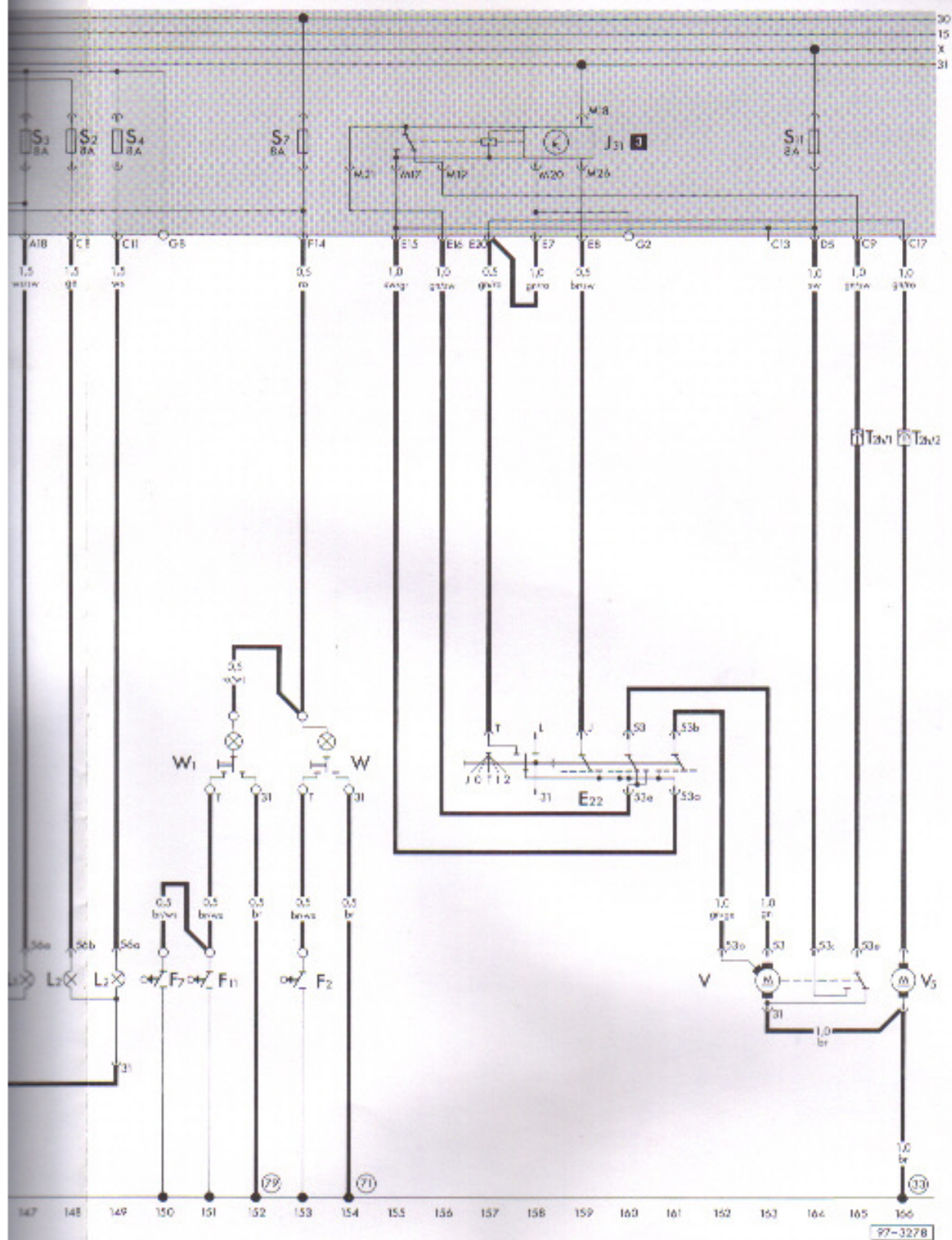
The **grey area** at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors e.g. D 20 – multi-point connector D, contact 20.





Lighting system

Impresso



Interior lights

Windscreen wipe and wash system

Designation	in current track
A - Battery	5
B - Starter	6-8
C - Alternator	2-4
C 1 - Voltage regulator	2-4
D - Ignition/starter switch	9-11
F 1 - Oil pressure switch (1.8 bar)	81
F 9 - Handbrake warning system switch	79
F 22 - Oil pressure switch (0.3 bar)	80
F 34 - Brake fluid level warning contact	78
F 61 - Thermo switch for V 38	55
F 88 - Pressure switch for PAS	38
G - Fuel gauge sender	53
G 1 - Fuel gauge	60
G 2 - Coolant temperature gauge sender	58
G 3 - Coolant temperature gauge	61
G 6 - Electric fuel pump	50
G 23 - Electric fuel pump (lift pump)	52
G 32 - Coolant low level sensor	57
G 39 - Lambda probe with heater (2341) (2342)	32, 33
G 40 - Hall sender	19-21
G 42 - Intake air temperature sender (2322)	25
G 62 - Sender for coolant temperature (2312)	22
G 69 - Throttle valve potentiometer (2212)	23, 24
G 74 - CO potentiometer	24-26
J 6 - Voltage stabilizer	60
J 17 - Fuel pump and injectors relay	46, 47
J 53 - Starter relay, near battery	8, 9
J114 - Oil pressure warning control unit	68-71
J120 - Control unit for coolant shortage indicator	56, 57
J169 - Control unit for Digifant (1111)(2222)	18-40
J 176 - Current supply relay for Digifant	41-44
K 1 - Main beam warning lamp	75
K 2 - Generator warning lamp	64
K 3 - Warning for oil pressure	72
K 5 - Turn signal warning lamp	65
K 7 - Dual circuit brake and handbrake warning lamp	77
K 28 - Warning lamp for coolant temperature/coolant shortage	63
L 10 - Dash panel insert light bulb	73-76
N - Ignition coil	14-17
N 30 - Injector, cylinder 1	41
N 31 - Injector, cylinder 2	- 42
N 32 - Injector, cylinder 3	43
N 33 - Injector, cylinder 4	- 44
N 83 - Injector, cylinder 5	- 45
N 71 - Idling speed stabilization valve	36
N 84 - Injector, cylinder 6	46
O - Ignition distributor	14-17
P - Spark plug connector	14-17
Q - Spark plugs	14-17
S 15 - Fuse in fuse box/relay plate	
S 51 - Fuse for blower/injectors and connection for self diagnosis	55

◀ Continued

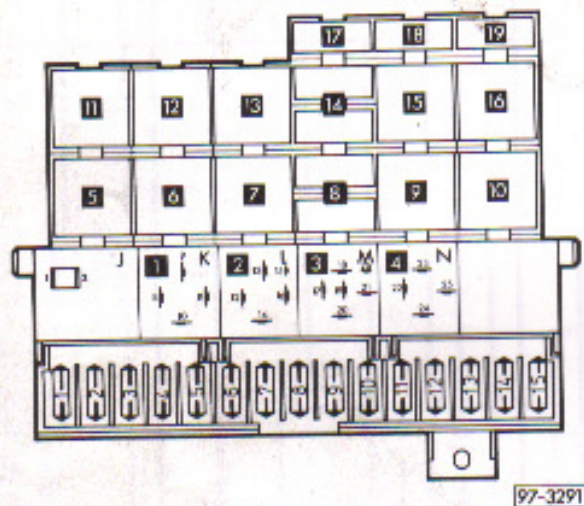


Current flow diagram

LT (2.4 ltr./66 kW 2E3 carburetor engine, Engine code letters DL

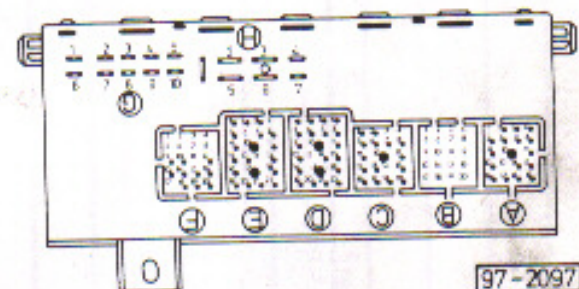
from August 1988

Relay locations



- 1 - Relief relay for x-contact (24)
- 2 - vacant
- 3 - Intermittent wash/wipe facility relay (19)
- 4 - Emergency flasher relay (21)
- 5 - Intake manifold preheating relay (1)
- 6 - Carburetor cooling blower relay
- 7 - Coolant shortage indicator control unit (43)
- 8 - Fuse, terminal 58 b
- 9 - Fuel pump relay

Connections

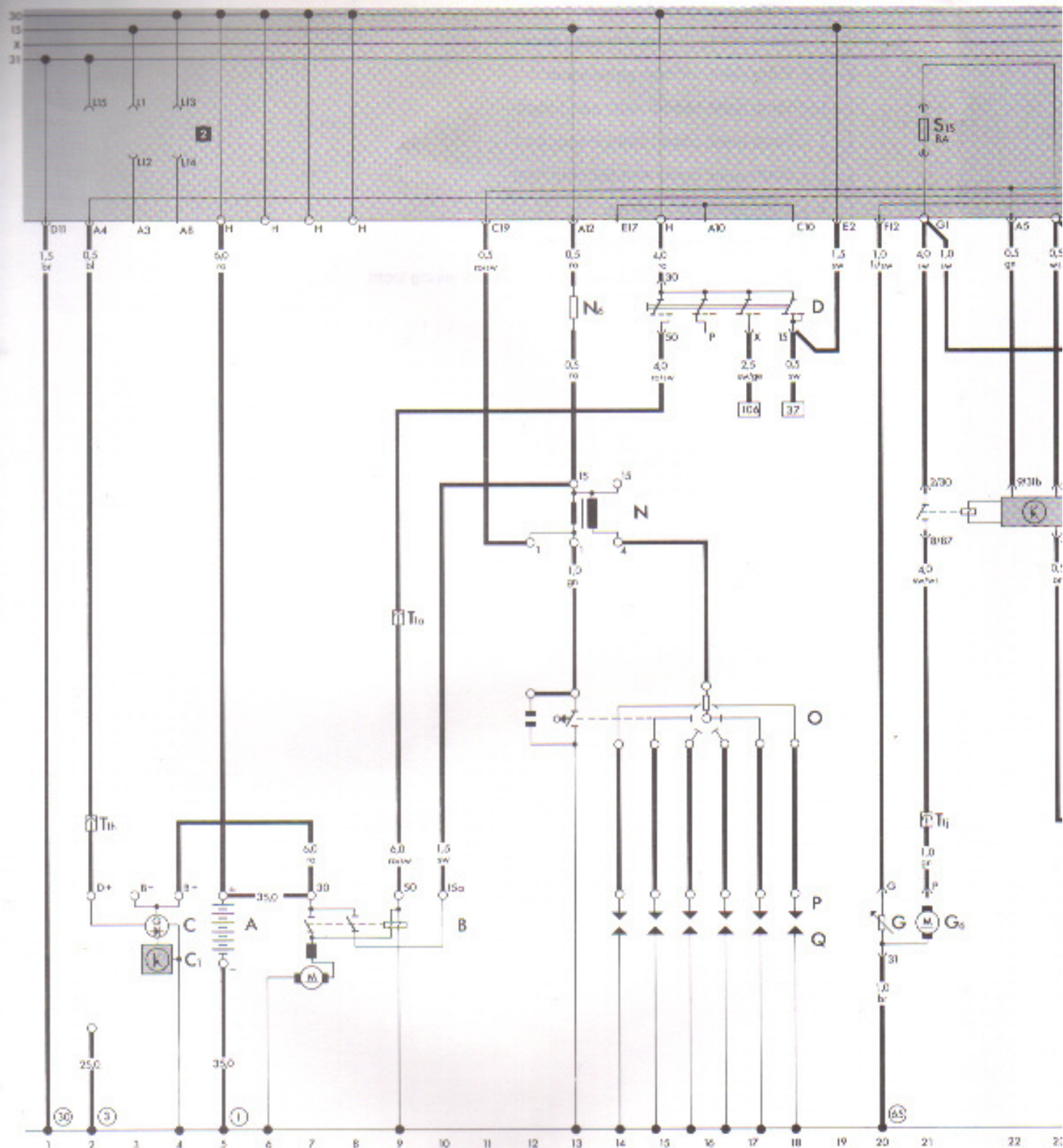


- A - Front wiring loom (white)
- B - No connection
- C - Front wiring loom (neutral)
- D - Dash panel wiring loom (blue)
- E - Dash panel wiring loom (black)
- F - Rear wiring loom (yellow)
- G - Singel connector
- H - Single connector, terminal 30

Fuse colours

- 25 A - blue
- 16 A - red
- 8 A - white

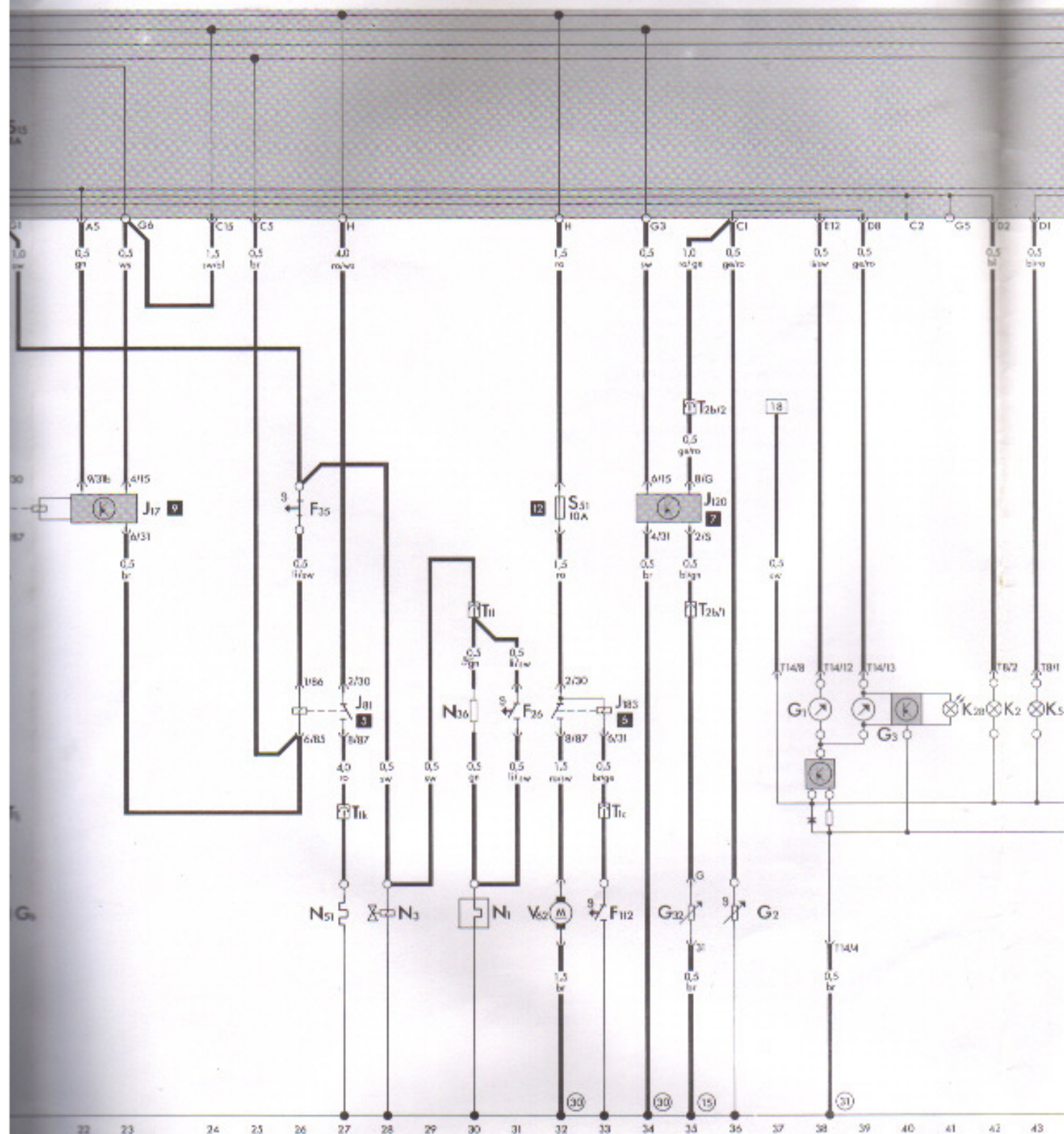
The number in brackets behind the part designation is the production control number stamped on the housing.



Starter and current supply

Ignition system

Pump



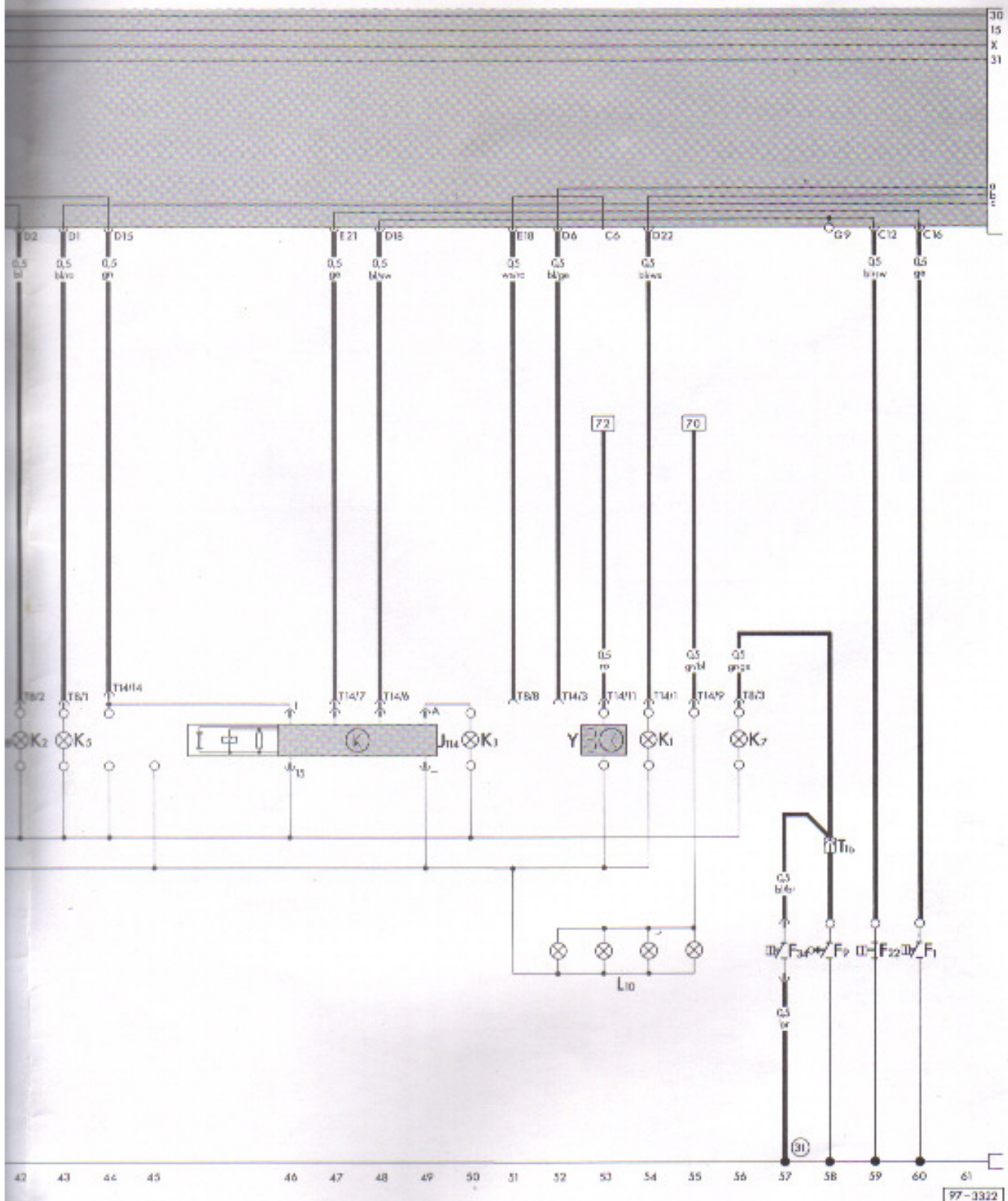
Pump

Intake manifold preheating

Cooling blower

Automatic choke

Coolant shortage indicator



Dash panel insert

Handbrake warning lamp

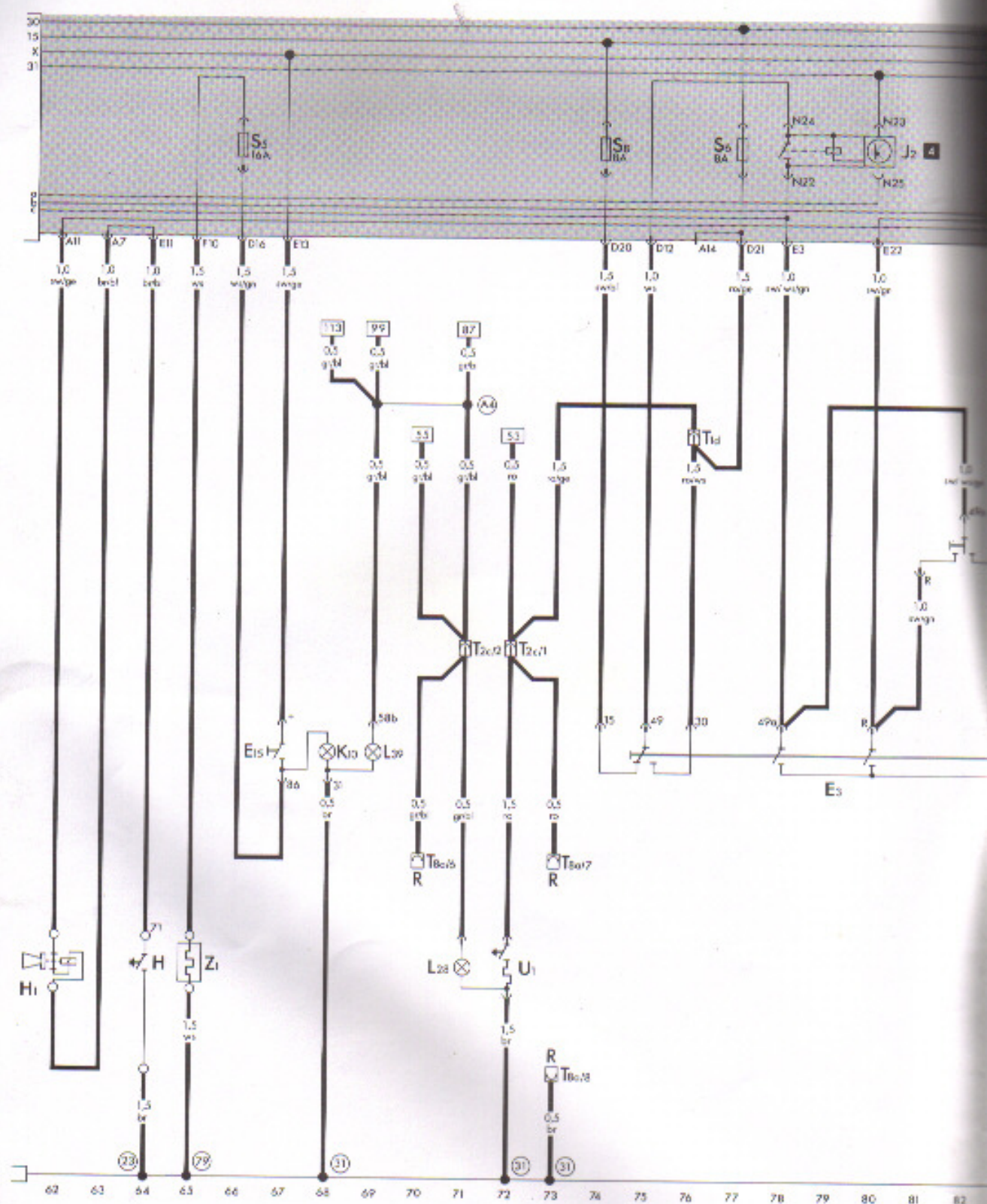
The **grey area** at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 20 – multi-point connector D, contact 20).

Designation

in current track

E 1 - Lighting switch	106-112
E 2 - Turn signal switch	81-83
E 3 - Emergency light switch	74-85
E 4 - Headlight dimmer/flasher switch	122-123
E 9 - Fresh air blower switch	100-102
E 15 - Heated rear window switch	67
E 20 - Instrument/dash panel lighting control	113
E 22 - Intermittent wiper switch	137-141
F - Brake light switch	92, 93
F 2 - Front left door contact switch	133
F 4 - Reversing light switch	98
F 7 - Door contact switch, rear (sliding door)	130
F 11 - Rear right door contact switch	131
H - Horn/dual horn	64
H 1 - Horn (Dual horns)	62
J 2 - Emergency light relay	78-80
J 31 - Intermittent wash-wipe relay	135-139
J 59 - Relief relay for x contact	105, 106
K 6 - Emergency light system warning lamp	86
K 10 - Heated rear window warning lamp	68
L 1 - Twin filament bulb, left headlight	126, 127
L 2 - Twin filament bulb, right headlight	128, 129
L 9 - Lighting switch light bulb	104
L 16 - Fresh air controls light bulb	99
L 28 - Cigarette lighter light bulb	71
L 39 - Heated rear window switch bulb	69
M 1 - Side light bulb, left	116
M 2 - Tail light bulb, right	118
M 3 - Side light bulb, right	119
M 4 - Tail light bulb, left	115
M 5 - Front left turn signal bulb	88
M 6 - Rear left turn signal bulb	89
M 7 - Front right turn signal bulb	90
M 8 - Rear right turn signal bulb	91
M 9 - Brake light bulb, left	95-
M 10 - Brake light bulb, right	94
M 16 - Reversing light bulb left	98
M 17 - Reversing light bulb right	97
M 26 - Connection for positioning light	121
N 23 - Series resistance for fresh air blower	100, 101
R - Connection for radio	70, 73
S 1-15 - Fuses in fuse box	
S 50 - Fuse, terminal 58B	113
T 1d - Connector signal, behind dash panel	
T 1e - Connector single, behind dash panel	
T 1f - Connector single, behind dash panel	
T 1g - Connector single, behind relay plate	
T 2c - Connector 2 pin, behind dash panel	
T 2d - Connector 2 pin, behind dash panel	
T 4a - Connector 4 pin, behind dash panel	
T 8a - Connector 8 pin, on radio	
U 1 - Cigarette lighter	72
V - Windscreen wiper motor	142-145
V 2 - Fresh air blower	103
V 5 - Windscreen washer pump	146
W - Interior light, front	133, 134
W 1 - Interior light, rear/luggage compartment	131, 132
X - Number plate light	113
Z 1 - Heated rear window	65

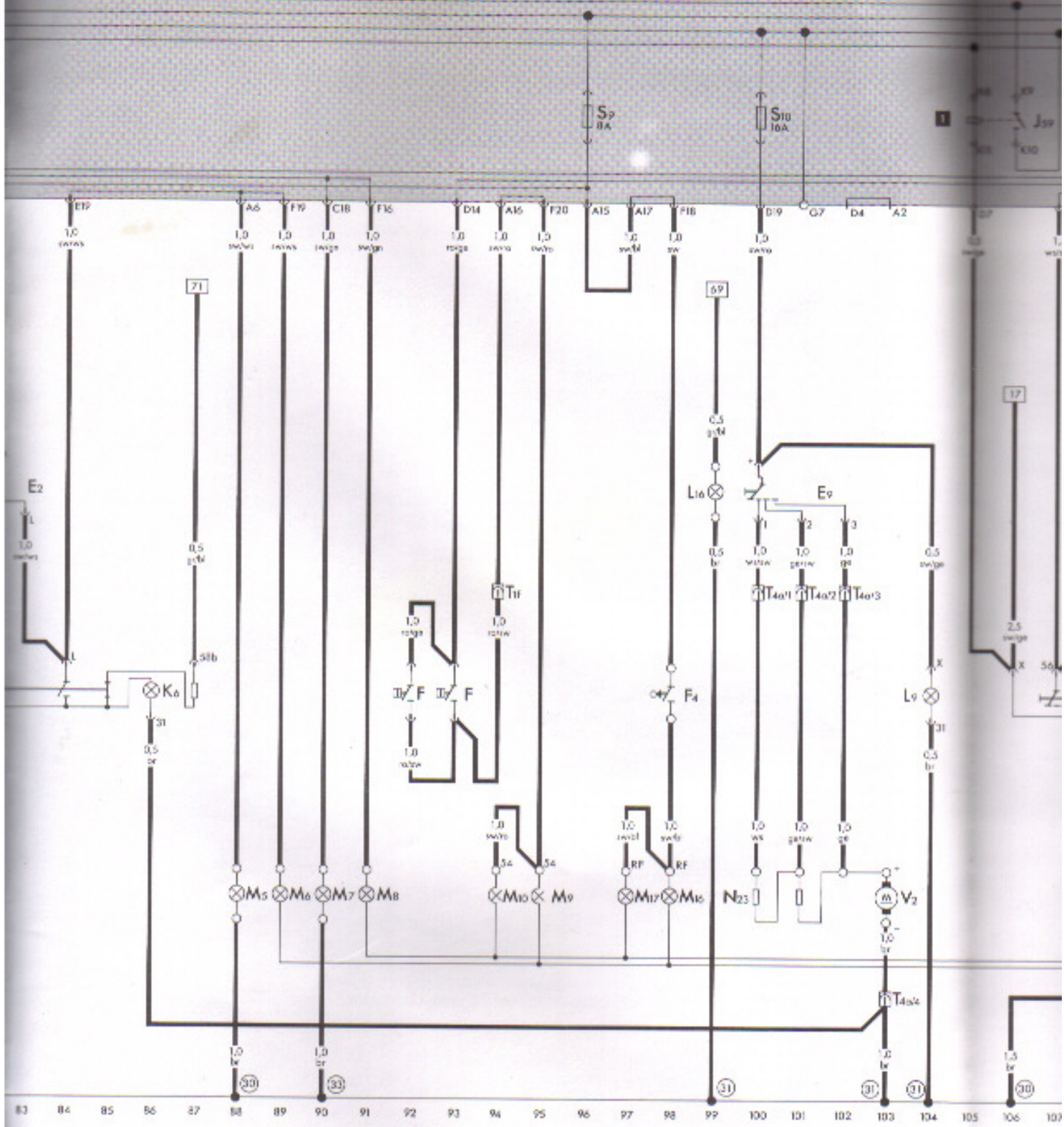
-
- 20 - Earth wire above steering box
 - 30 - Earth point - 1 -, next to relay plate
 - 31 - Earth point, on dash panel insert
 - 32 - Earth point, behind dash panel, right
 - 46 - Earth point, cross member rear, left
 - 49 - Earth point, cross member rear, right
 - 71 - Earth point, front roof rail
 - 79 - Earth point, near front interior light
 - A4 - Positive (+) connection (58b), in dash panel wiring loom



Heated rear window

Turn signal and emergency flasher sy

The **grey area** at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D20 – multi-point connector D, contact 20).

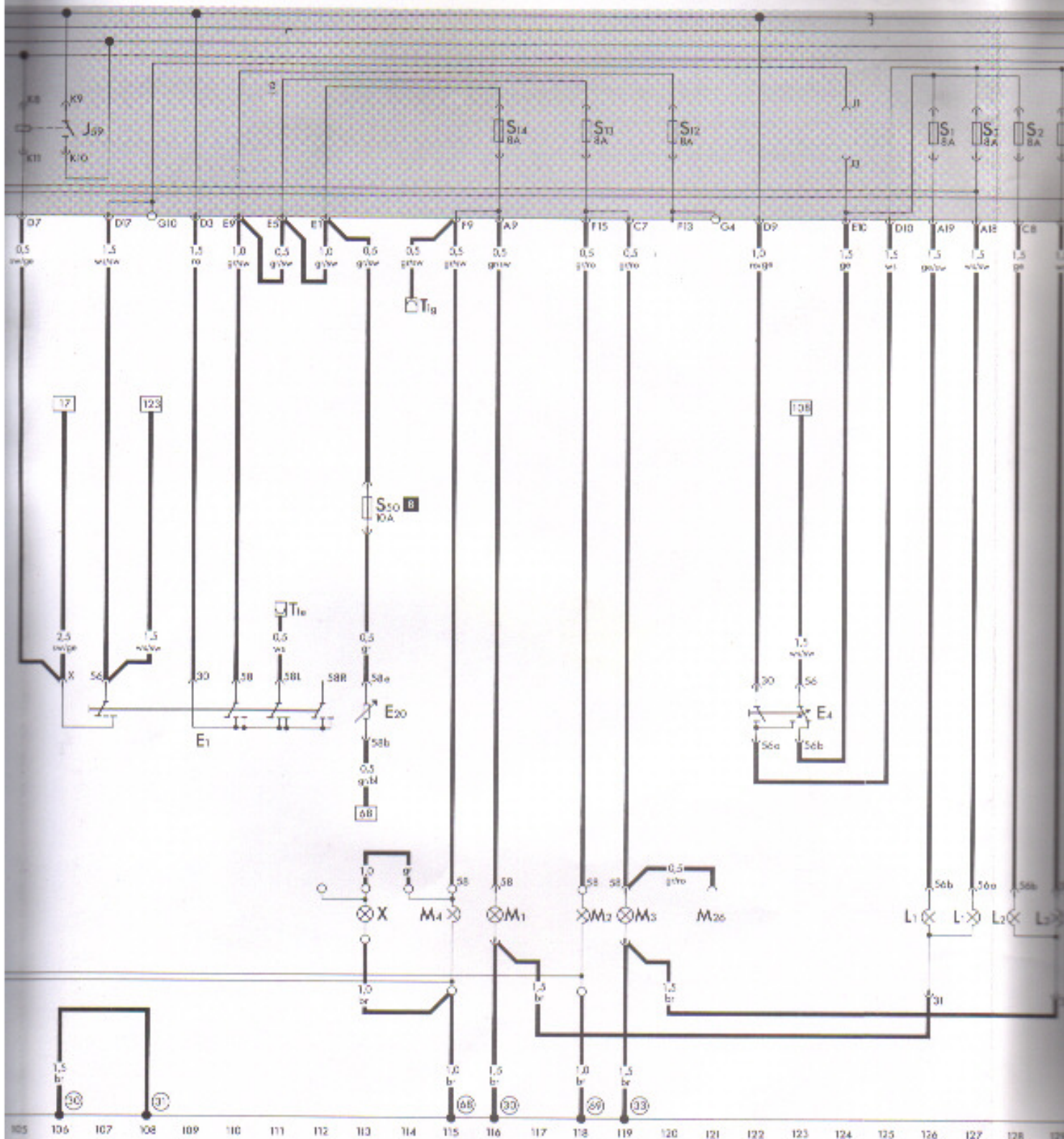


stem

Brake lights

Reversing lights

Fresh air blower



Lighting system

Designation

in current track

A	- Battery	5
B	- Starter	6-9
C	- Alternator	2-4
C 1	- Voltage regulator	2-4
D	- Ignition/starter switch	15-18
F 1	- Oil pressure switch (1.8 bar)	60
F 9	- Handbrake warning system switch	58
F 22	- Oil pressure switch (0.3 bar)	59
F 26	- Thermo switch for automatic choke front intake pipe	31
F 34	- Brake fluid level warning contact	57
F 35	- Thermo switch for intake manifold preheating	26
F 112	- Thermo switch for carburetor cooling blower	33
G	- Fuel gauge sender	20
G 1	- Fuel gauge	38
G 2	- Coolant temperature gauge sender	36
G 3	- Coolant temperature gauge	39, 40
G 6	- Fuel pump	21
G 32	- Coolant low level sensor	35
J 6	- Voltage stabilizer	38
J 17	- Fuel pump relay	21-23
J 81	- Intake manifold preheating relay	26-27
J 114	- Oil pressure warning control unit	46-49
J 120	- Control unit for coolant shortage indicator	34, 35
J 183	- Carburetor blower relay (time relay)	32, 33
K 1	- Main beam warning lamp	54
K 2	- Alternator warning lamp	50
K 3	- Warning for oil pressure	56
K 5	- Turn signal warning lamp	41
K 28	- Warning lamp for coolant temperature/coolant shortage	52-55
L 10	- Dash panel insert light bulb	12-14
N	- Ignition coil	30
N 1	- Automatic choke	28
N 3	- By-pass air cut-off valve	13
N 6	- Series resistance	30
N 36	- Series resistance for automatic choke	27
N 51	- Heater element for intake manifold preheating	12-18
O	- Ignition distributor	14-18
P	- Spark plugs connector	14-18
Q	- Spark plugs	32
S 51	- Fuse for carburetor blower	
T 1a	- Connector single, behind relay plate	
T 1b	- Connector single, behind dash panel	
T 1c	- Connector single, near carburetor	
T 1h	- Connector single, in engine compartment	
T 1j	- Connector single, behind relay plate	
T 1k	- Connector single, behind dash panel	
T 1l	- Connector single, above relay plate	
T 2b	- Connector 2 pin, behind relay plate	
T 8	- Connector 8 pin, on dash panel insert	
T 14	- Connector 14 pin, on dash panel insert*	
V 62	- Carburetor blower	32
Y	- Clock	53

* Contact assignment on T 14 is the designation on the dash panel insert printed circuit and **not** the designation on the wiring loom connector.

-
- ① - Earthing strap, battery - body
 - ③ - Earthing strap, engine - body
 - ⑮ - Earth point, on cylinder head
 - ③① - Earth point - 1 -, next to relay plate
 - ③① - Earth point, on dash panel insert
 - ⑤⑤ - Earth point, longitudinal member left, rear

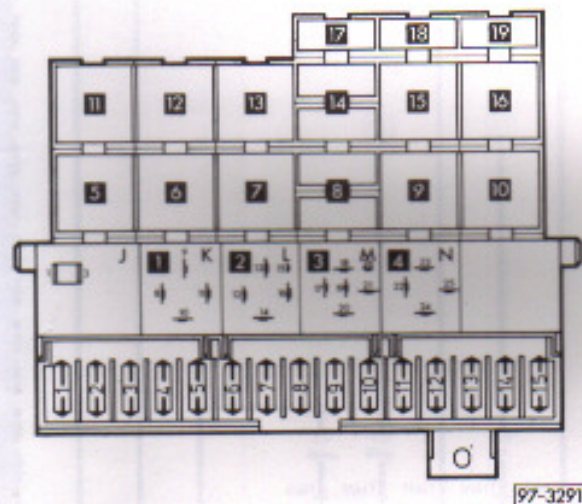
Current flow diagram

LT (2.4 ltr./55 kW Diesel engine), engine code letters DW

LT (2.4 ltr./75 kW Diesel engine), engine code letters DV

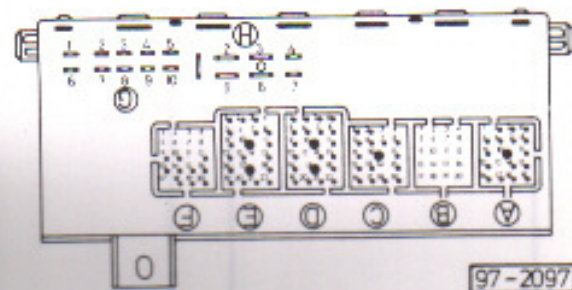
from August 1988

Relay locations



- 1 - Relief relay for x-contact (24)
- 2 - Vacant
- 3 - Intermittant wash/wipe relay (19)
- 4 - Emergency lights relay (21)
- 5 - Glow plug relay (60)
- 7 - Coolant shortage indicator control unit (43)
- 8 - Fuse, terminal 58b

Connections

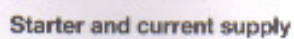


- A - Front wiring loom (white)
- B - No connection
- C - Front wiring loom (neutral)
- D - Dash panel wiring loom (blue)
- E - Dash panel wiring loom (black)
- F - Rear wiring loom (yellow)
- G - Single connector
- H - Single connector, terminal 30

Fuse colours

- 25 A - blue
- 16 A - red
- 8 - white

The number in brackets behind the part designation is the production control number stamped on the housing.







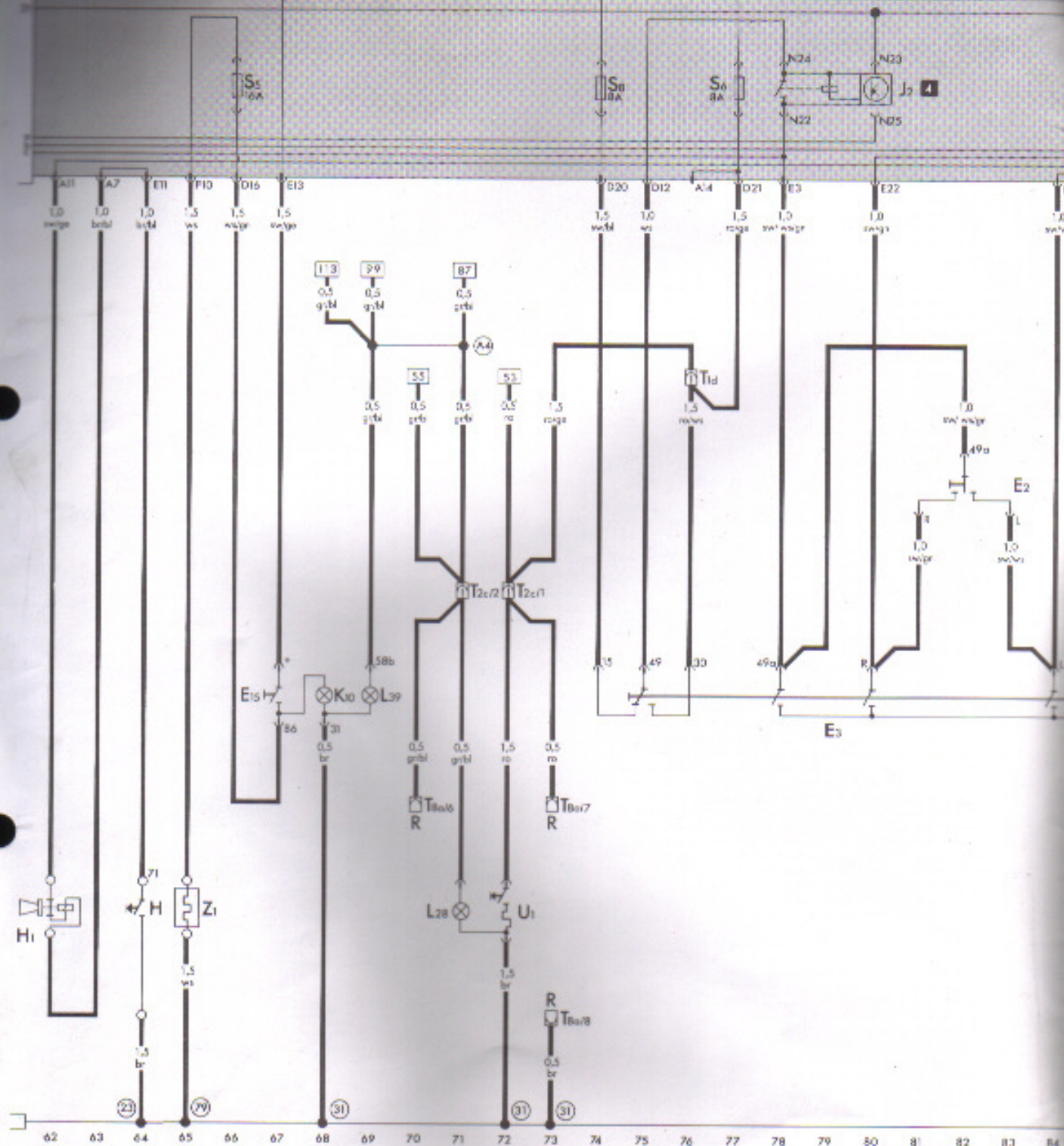
Handbrake warning lamp

1

Designation	in current track
E 1 - Lighting switch	106-112
E 2 - Turn signal switch	81-83
E 3 - Emergency light switch	74-85
E 4 - Headlight dimmer/flasher switch	122-123
E 9 - Fresh air blower switch	100-102
E 15 - Heated rear window switch	67
E 20 - Instrument/dash panel lighting control	113
E 22 - Intermittent wiper switch	137-141
F - Brake light switch	92, 93
F 2 - Front left door contact switch	133
F 4 - Reversing light switch	98
F 7 - Door contact switch, rear (sliding door)	130
F 11 - Rear right door contact switch	131
H - Horn/dual horn	64
H 1 - Horn (Dual horn)	62
J 2 - Emergency light relay	78-80
J 31 - Intermittent wash/wipe relay	135-139
J 59 - Relief relay for x contact	105, 106
K 6 - Emergency light system warning lamp	86
K 10 - Heated rear window warning lamp	68
L 1 - Twin filament bulb, left	126, 127
L 2 - Twin filament bulb, right	128, 129
L 9 - Lighting switch light bulb	104
L 16 - Fresh air controls light bulb	99
L 28 - Cigarette lighter light bulb	71
L 39 - Heated rear window switch bulb	69
M 1 - Side light bulb, left	116
M 2 - Tail light bulb, right	118
M 3 - Side light bulb, right	119
M 4 - Tail light bulb, left	115
M 5 - Front left turn signal bulb	88
M 6 - Rear left turn signal bulb	89
M 7 - Front right turn signal bulb	90
M 8 - Rear right turn signal bulb	91
M 9 - Brake light bulb, left	95
M 10 - Brake light bulb, right	94
M 16 - Reversing light bulb left	98
M 17 - Reversing light bulb right	97
M 26 - Connection for positioning light	121
N 23 - Series resistance for fresh air blower	100, 101
R - Connection for radio	70, 73
S 1-15 - Fuses in fuse box	
S 50 - Fuse, terminal 58B	113
T 1d - Connector single, behind dash panel	
T 1e - Connector single, behind dash panel	
T 1f - Connector single, behind dash panel	
T 1g - Connector single, behind relay plate	
T 2c - Connector 2 pin, behind dash panel	
T 2d - Connector 2 pin, behind dash panel	
T 4a - Connector 4 pin, behind dash panel	
T 8a - Connector 8 pin, on radio	
U 1 - Cigarette lighter	72
V - Windscreen wiper motor	142-145
V 2 - Fresh air blower	103
V 5 - Windscreen washer pump	146
W - Interior light, front	133, 134
W 1 - Interior light, rear/luggage compartment	133, 134
X - Number plate light	113
Z 1 - Heated rear window	65

- 23 - Earth wire above steering box
- 30 - Earth point - 1 -, next to relay plate
- 31 - Earth point, on dash panel insert
- 33 - Earth point, behind dash panel, right
- 88 - Earth point, cross member rear, left
- 69 - Earth point, cross member rear, right
- 71 - Earth point, front roof rail
- 79 - Earth point, near rear interior light
- A4 - Positive (+) connection (58b), in dash panel wiring loom



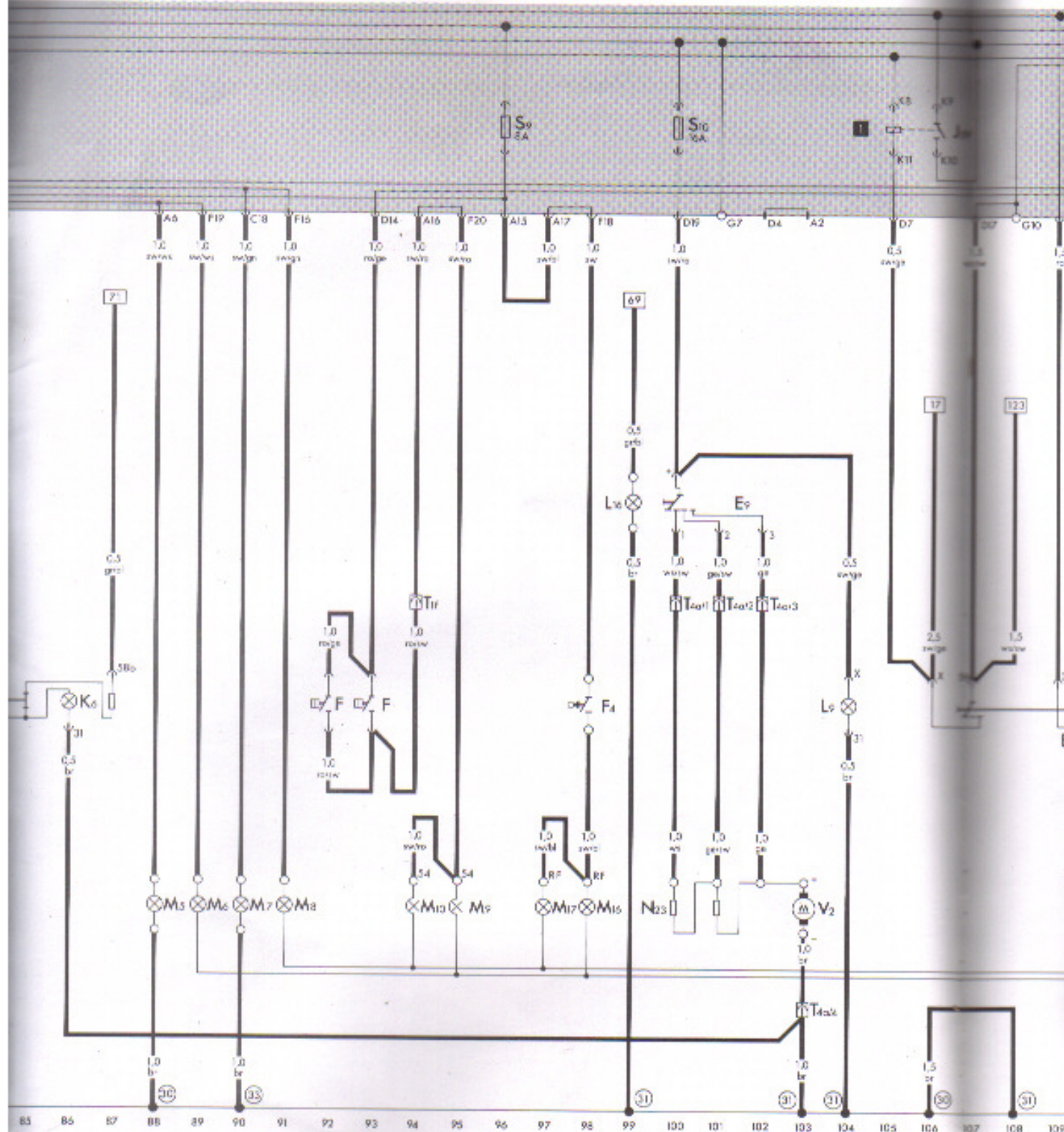


Heated rear window

Cigarette lighter

Turn signals and emergen

The grey area at the top of the diagram represents the relay plate and fuse box. The letters and figures by the connections give the positions of the wires in the multi-point or single connectors (e.g. D 20 – multi-point connector D, contact 20).



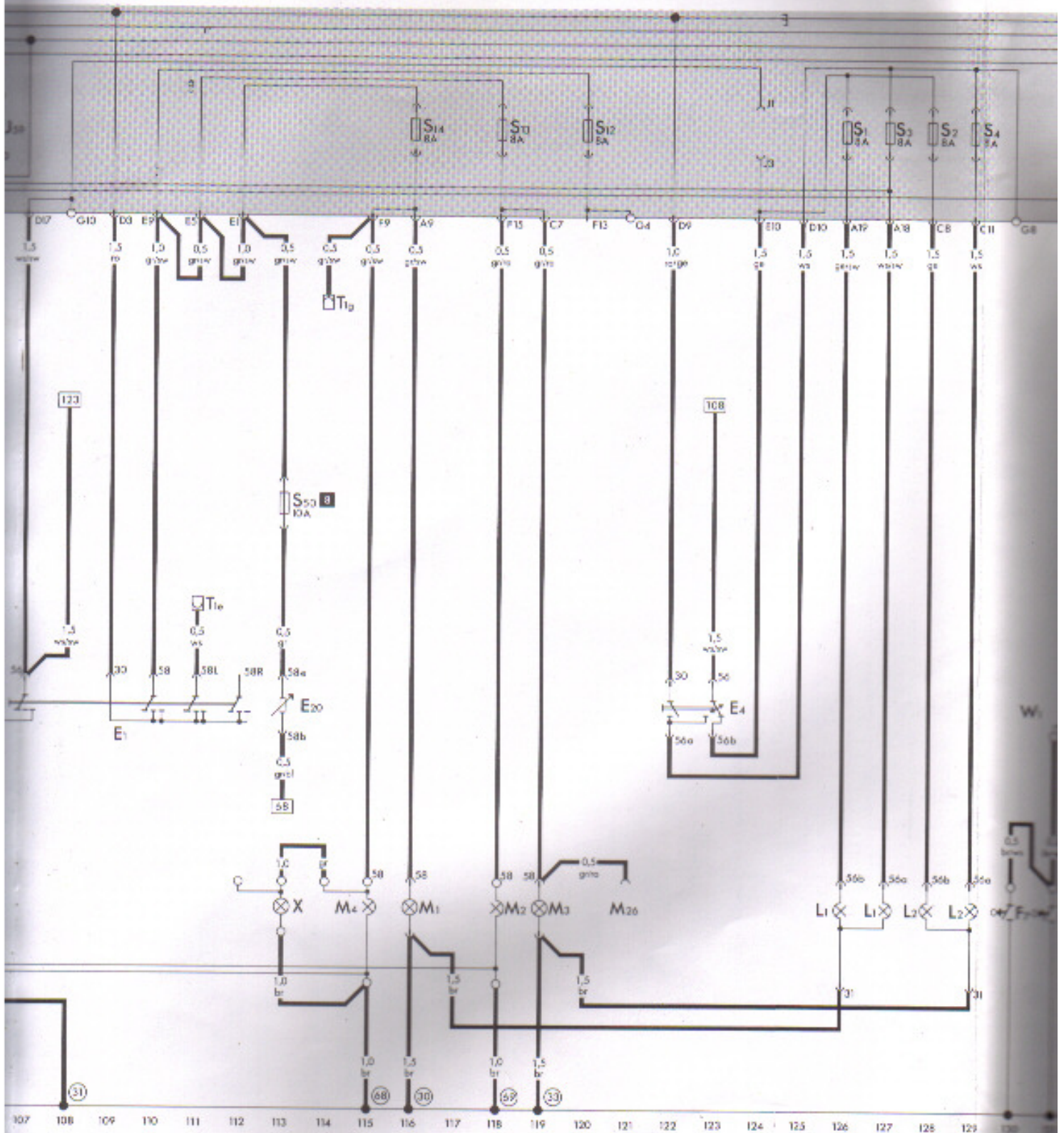
y light system

Brake lights

Reversing lights

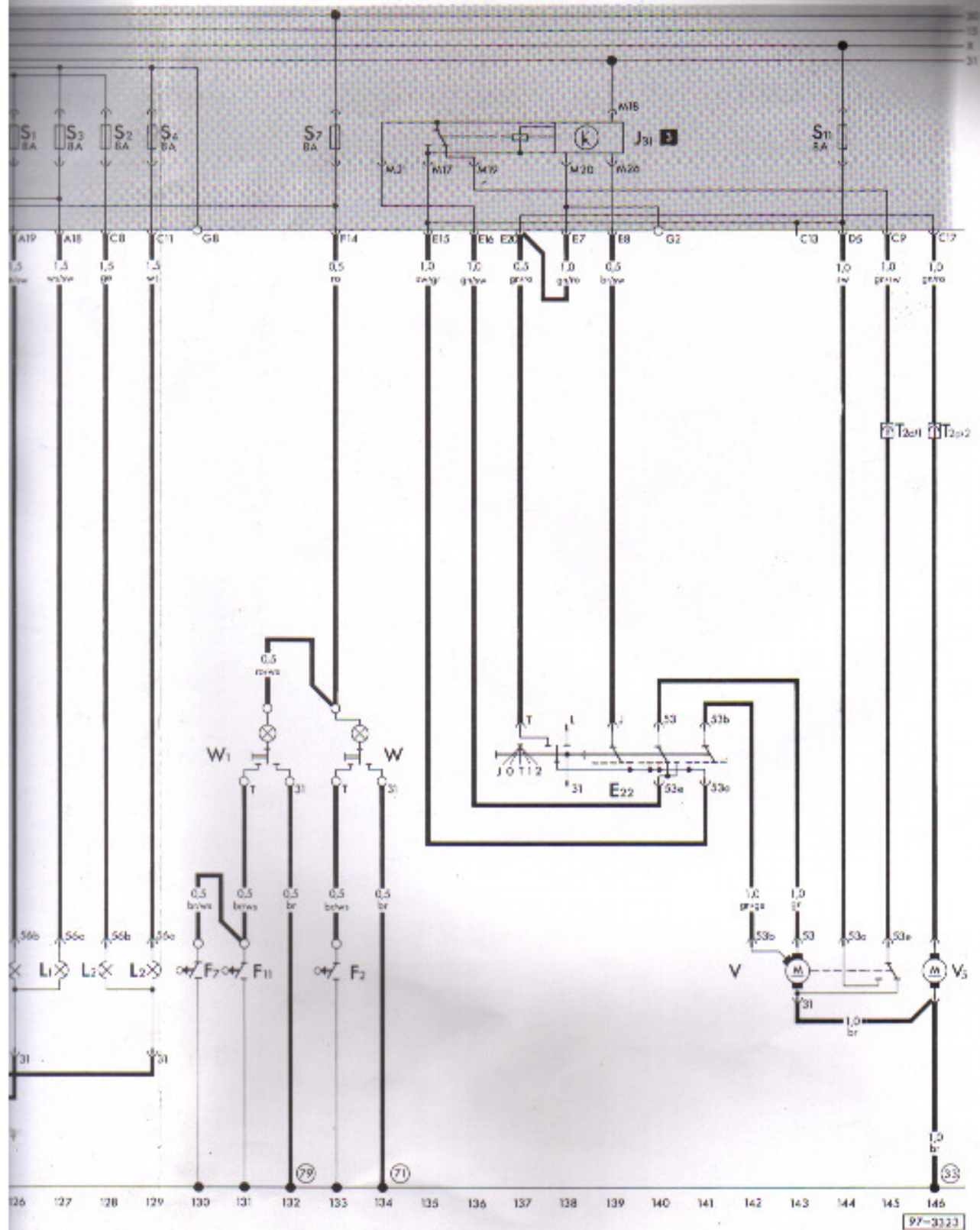
Fresh air blower

Li



Lighting system

Interior lights



Interior lights

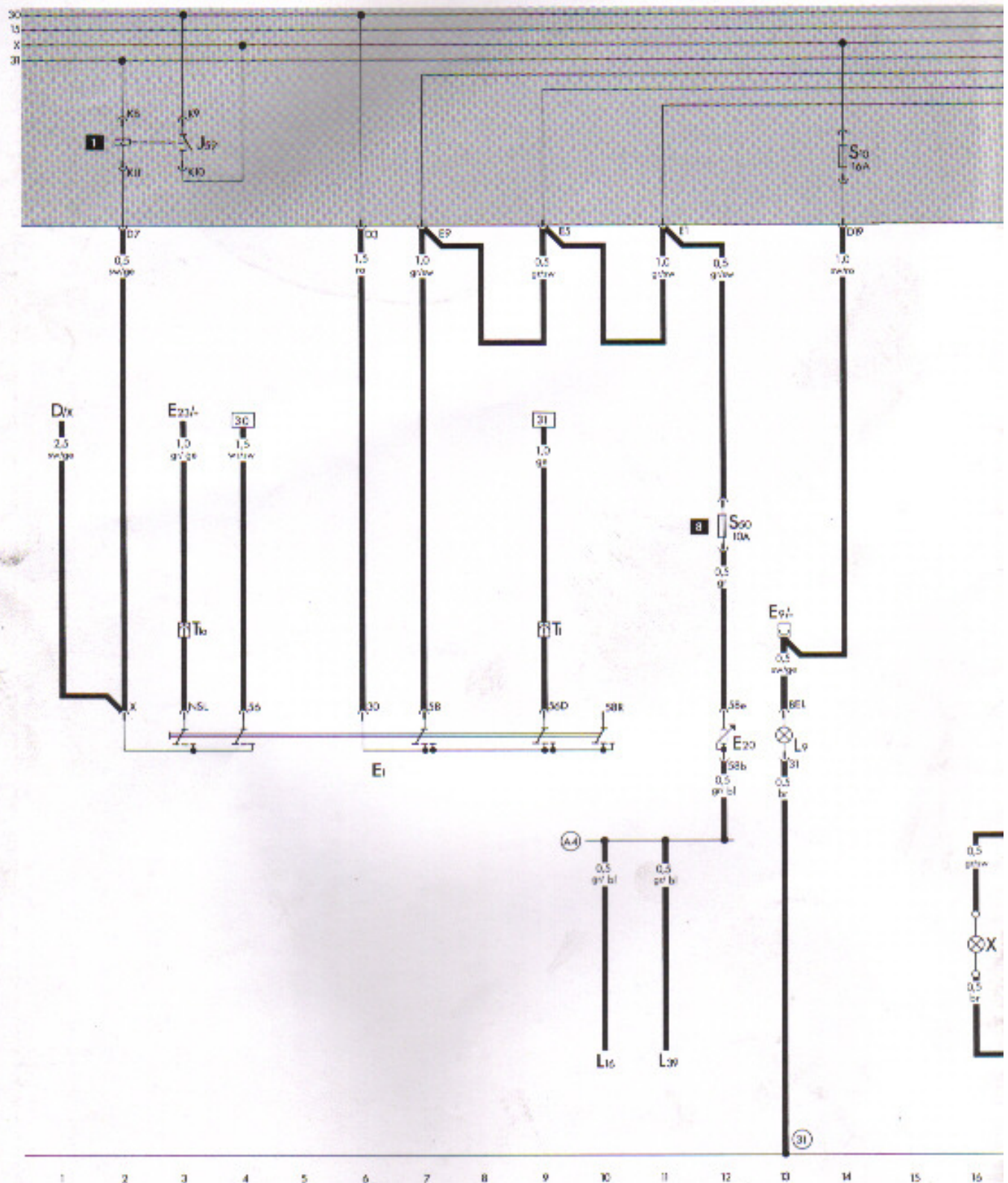
Windscreen wipe/wash system

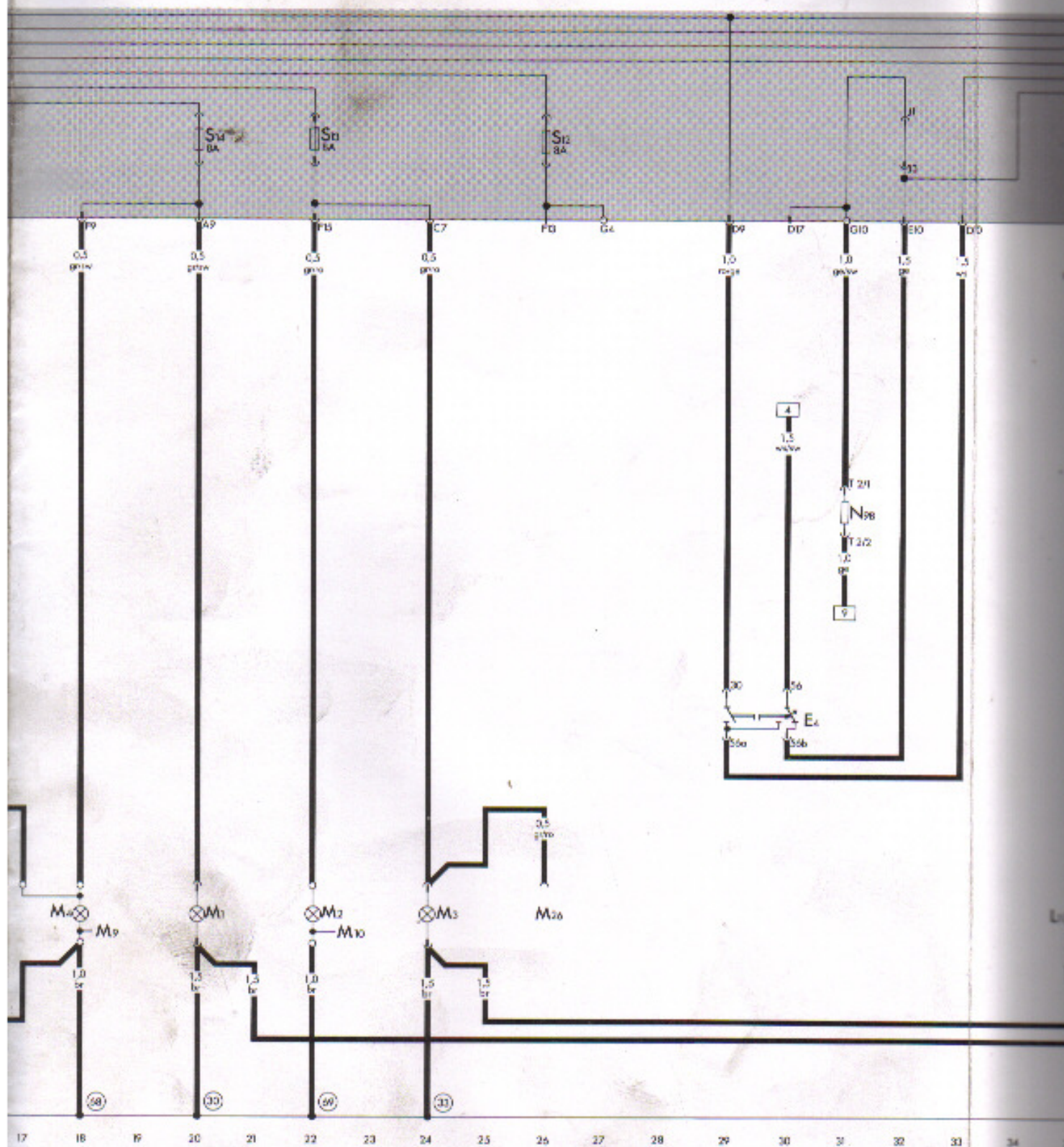
Designation	in current track
A - Battery	9
B - Starter	12-15
C - Alternator	3-7
C 1 - Voltage regulator	3-7
D - Ignition/starter switch	15-18
F 1 - Oil pressure switch (1.4 bar)	60
F 9 - Handbrake warning system switch	58
F 22 - Oil pressure switch (0.3 bar)	59
F 34 - Brake fluid level warning contact	57
G - Fuel gauge sender	33
G 1 - Fuel gauge	38
G 2 - Coolant temperature gauge sender	36
G 3 - Coolant temperature gauge	39, 40
G 27 - Sender for engine temperature (glow plug system)	20
G 32 - Coolant low level sensor	35
J 6 - Voltage stabilizer	38
J 52 - Glow plug relay	20-25
J 114 - Oil pressure warning control unit	46-49
J 120 - Control unit for coolant shortage indicator	34, 35
K 1 - Main beam warning lamp	54
K 2 - Generator warning lamp	42
K 3 - Warning lamp for oil pressure	50
K 5 - Turn signal warning lamp	43
K 7 - Dual circuit brake and handbrake warning lamp	56
K 28 - Warning lamp for coolant temperature/coolant shortage	41
K 29 - Glow period warning lamp	51
L 10 - Dash panel insert light bulb	52-55
N 43 - Electro-magnetic cut-off	30
Q 6 - Glow plug	23-28
S 20 - Fuses in engine compartment	25, 26
T 1a - Connector single, behind relay plate	
T 1b - Connector single, behind dash panel	
T 1m - Connector single, in engine compartment	
T 2a - Connector 2 pin, in engine compartment	
T 2b - Connector 2 pin, behind relay plate	
T 8/ - Connector 8 pin, on dash panel insert	
T 14/ - Connector 14 pin, on dash panel insert*	
Y - Clock	

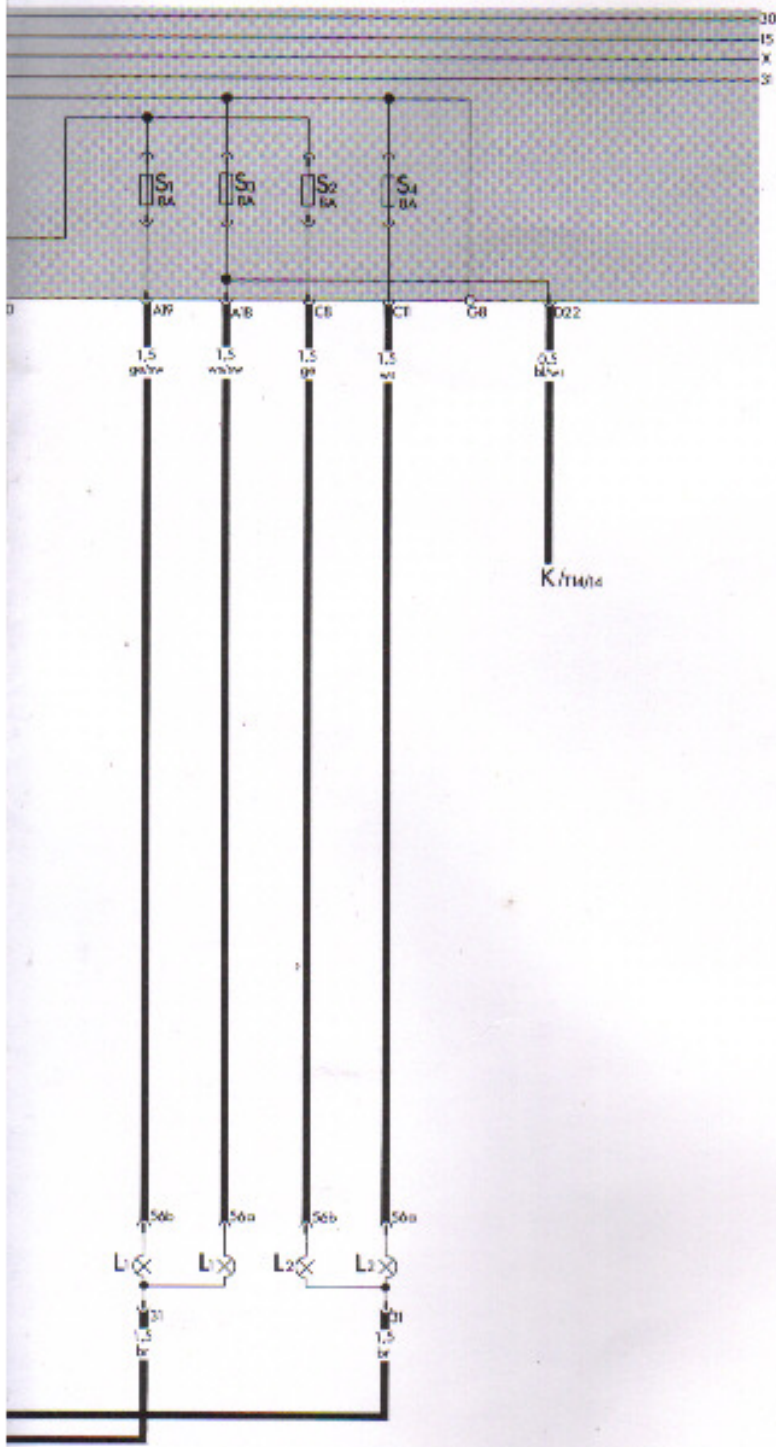
* - The contact assignment on T14 is the designation on the dash panel printed circuit and **not** the designation on the wiring loom connector

- (1) - Earthing strap, battery - body
- (3) - Earthing strap, engine - body
- (15) - Earth point, on cylinder head
- (30) - Earth point - 1 -, next to relay plate
- (31) - Earth point, on dash panel insert
- (85) - Earth point, longitudinal member left, rear

ADDITIONAL CURRENT FLOW DIAGRAM - TOWN DRIVING LIGHTS (GREAT BRITAIN ONLY),
from November 1988







Wiring colours:

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

Designation**In current track**

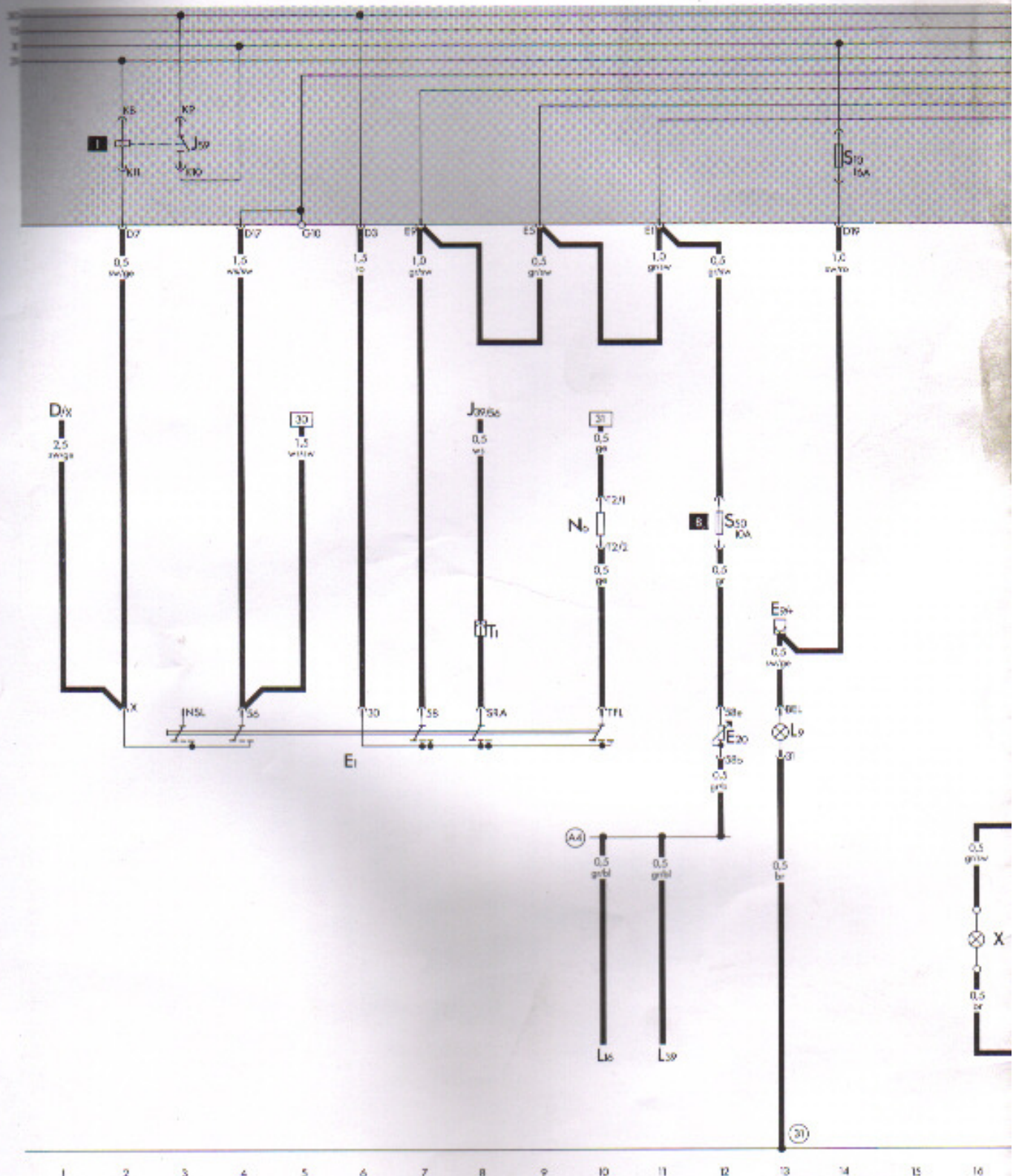
D	- Ignition/starter switch	1
E 1	- Lighting switch	2-10
E 4	- Headlight dipper/flasher switch	29, 30
E 9	- Fresh air blower switch	13
E 20	- Dash panel lighting control	12
E 23	- Fog light and rear fog light switch	3
J 59	- Relief relay for x contact	2, 3
K	- Dash panel insert	40
L 1	- Twin filament bulb, headlight left	35, 36
L 2	- Twin filament bulb, headlight right	37, 38
L 9	- Lighting switch light bulb	13
L 16	- Fresh air controls light bulb	10
L 39	- Heated rear window switch bulb	11
M 1	- Side light bulb, left	20
M 2	- Tail light bulb, right	22
M 3	- Side light bulb, right	24
M 4	- Tail light bulb, left	18
M 9	- Brake light bulb, left	18
M 10	- Brake light bulb, right	22
M 26	- Connection for positioning light	26
N 98	- Series resistance - town driving lights	31
S 50	- Fuse, terminal 58b	12
T 1	- Connector single, behind dash panel	
T 1a	- Connector single, behind dash panel	
T 14	- Connector 14 pin, on dash panel insert	
X	- Number plate light	16
30	- Earth point - 1 -, next to relay plate	
31	- Earth point, on dash panel insert	
33	- Earth point, behind dash panel, right	
68	- Earth point, cross member rear, left	
69	- Earth point, cross member rear, right	
A4	- Positive (+) connection (58b), in dash panel wiring loom	

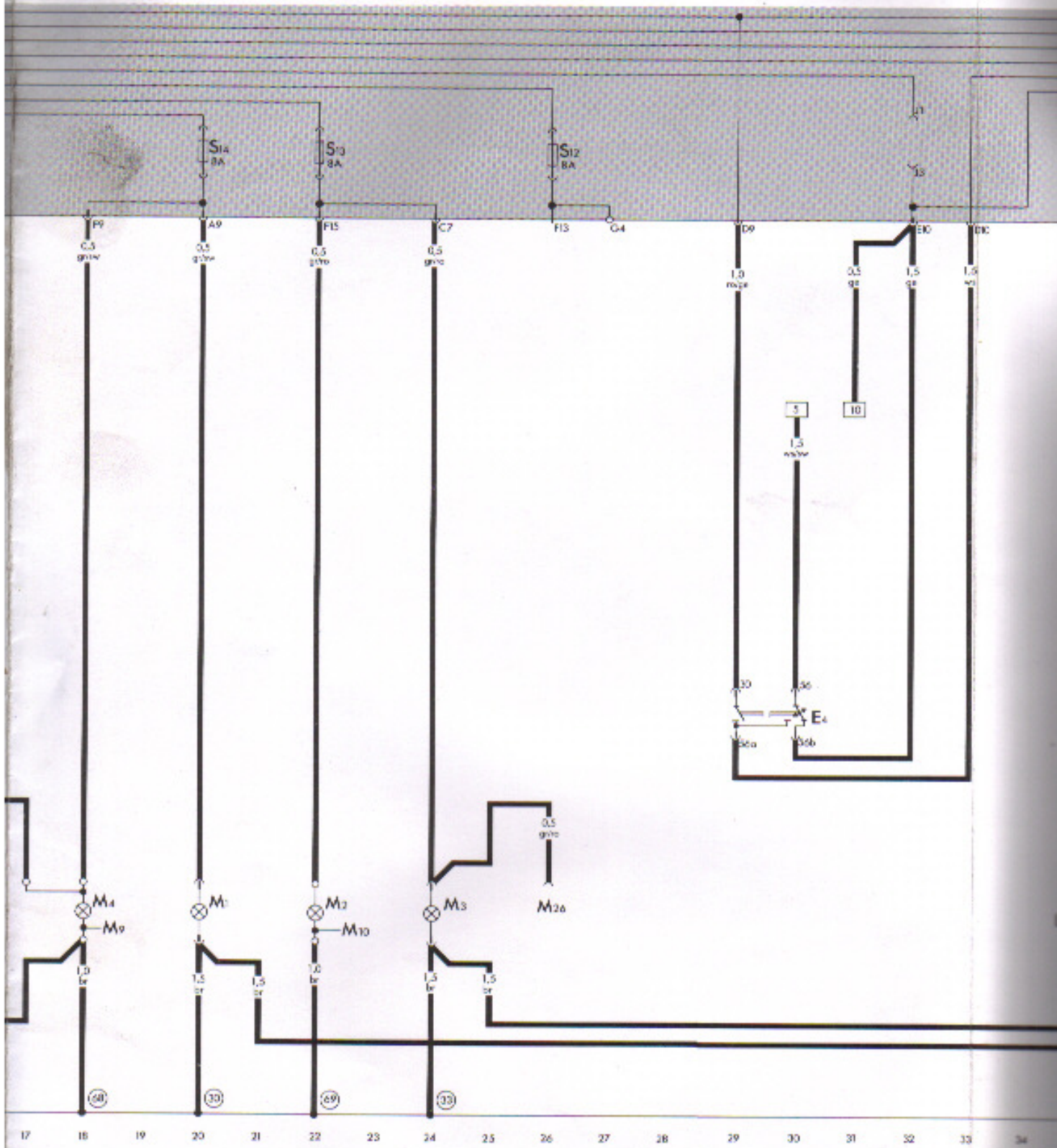
Relay positions:

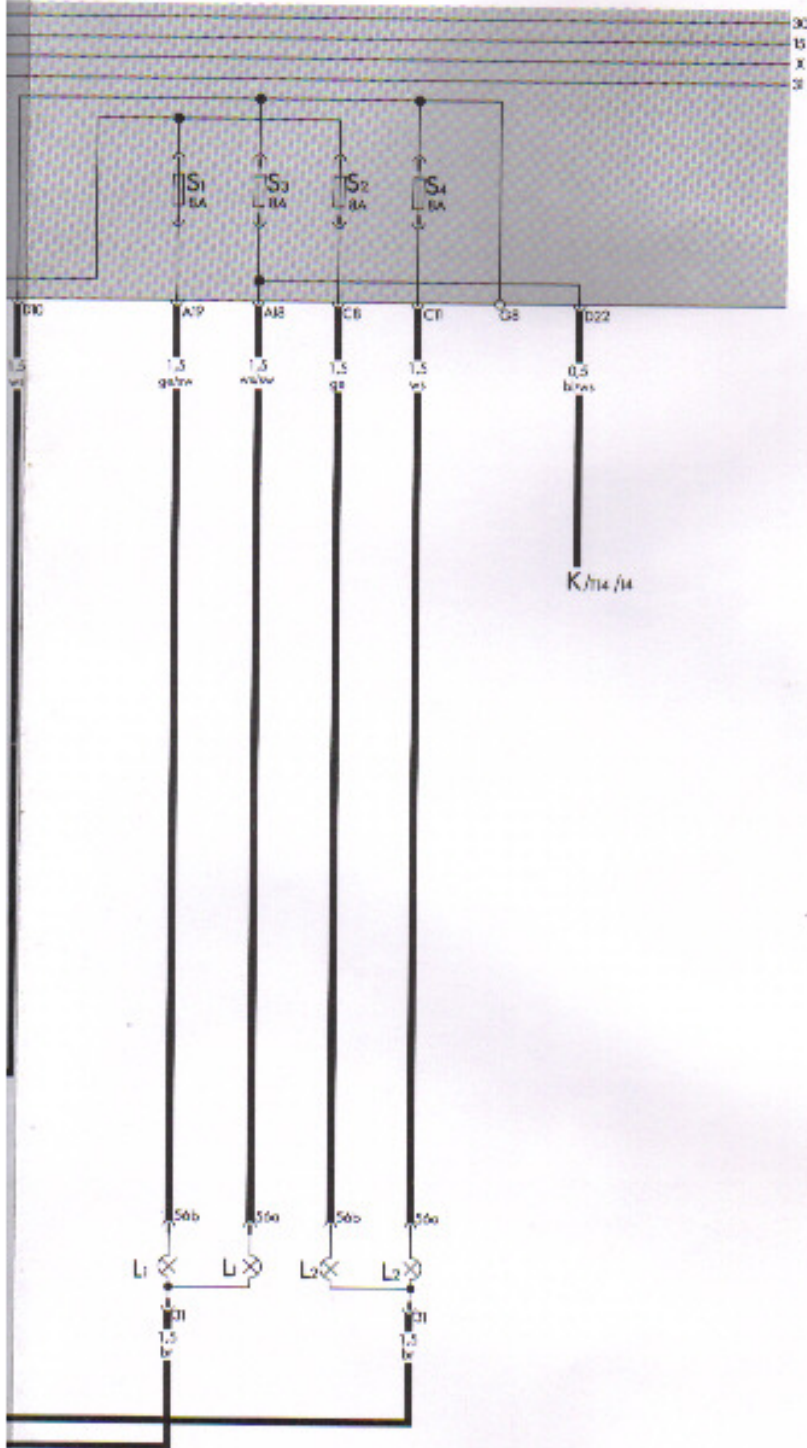
- 1** - Relief relay for X contact (24)
- 8** - Fuse terminal 58b

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

ADDITIONAL CURRENT FLOW DIAGRAM - DAYLIGHT DRIVING LIGHTS (SWEDEN, NORWAY ONLY) from November 1988







Wiring colours:

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

Designation**In current track**

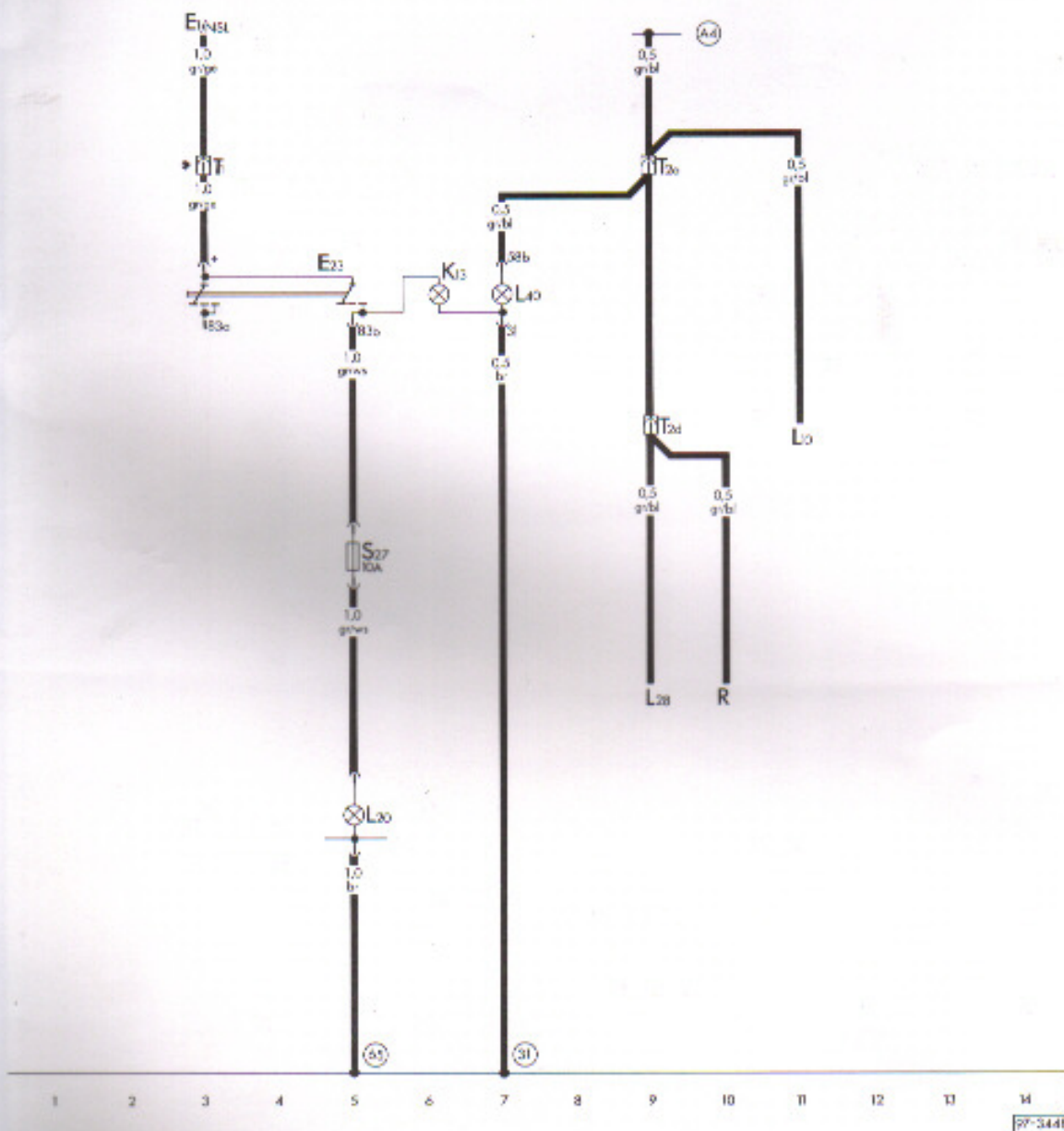
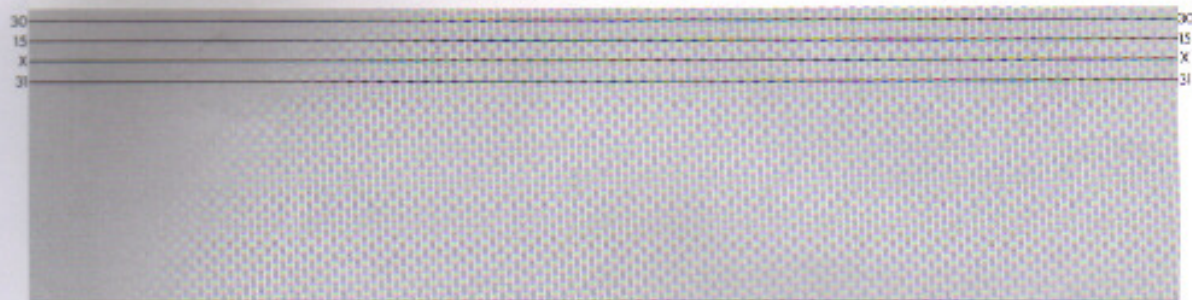
D	- Ignition/starter switch	1
E 1	- Lighting switch	2-10
E 4	- Headlight dipper/flasher switch	29, 30
E 9	- Fresh air blower switch	13
E 20	- Dash panel lighting control	12
J 39	- Headlight washer system relay	8
J 59	- Relief relay for x contact	2, 3
K	- Dash panel insert	40
L 1	- Twin filament bulb, headlight left	35, 36
L 2	- Twin filament bulb, headlight right	37, 38
L 9	- Lighting switch light bulb	13
L 16	- Fresh air controls light bulb	10
L 39	- Heated rear window switch bulb	11
M 1	- Side light bulb, left	20
M 2	- Tail light bulb, right	22
M 3	- Side light bulb, right	24
M 4	- Tail light bulb, left	18
M 9	- Brake light bulb, left	18
M 10	- Brake light bulb, right	22
M 26	- Connection for positioning light	26
N 6	- Series resistance	10
S 50	- Fuse, terminal 58B	12
T 1	- Connector single, behind dash panel	
T 2	- Connector 2 pin, behind dash panel	
T 14	- Connector 14 pin, on dash panel insert	
X	- Number plate light	16
30	- Earth point - 1 -, next to relay plate	
31	- Earth point, on dash panel insert	
33	- Earth point, behind dash panel, right	
68	- Earth point, cross member rear, left	
69	- Earth point, cross member rear, right	
44	- Positive (-) connection (58b), in dash panel wiring loom	

Relay positions:




- 1** - Relief relay for X contact (24)
- 8** - Fuse terminal 58b

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

ADDITIONAL CURRENT FLOW DIAGRAM - REAR FOGLIGHT,
from November 1988



Designation**In current track**

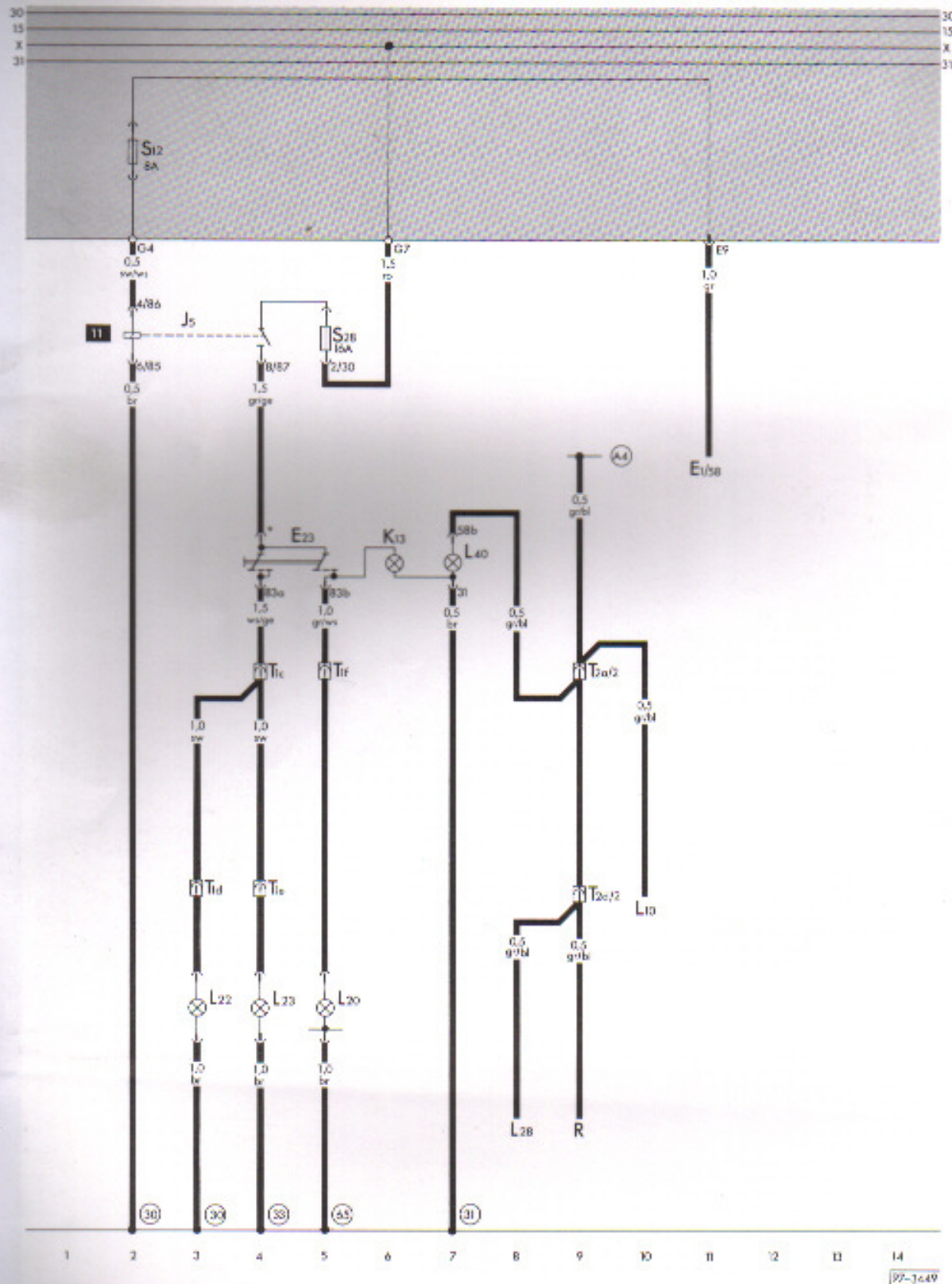
E 1	- Lighting switch	3
E 23	- Fog light and rear fog light switch	3-5
K 13	- Rear fog light warning lamp	6
L 10	- Dash panel insert light bulb	11
L 20	- Rear fog light bulb	5
L 28	- Cigarette lighter light bulb	9
L 40	- Front and rear fog light switch bulb	7
R	- Connection for radio	10
S 27	- Separate fuse for rear fog light	5
T 1	- Connector single, behind relay plate	
T 2a	- Connector 2 pin, behind dash panel, left	
T 2d	- Connector 2 pin, behind dash panel, left	
 31	- Earth point, on dash panel insert	
 66	- Earth point, longitudinal member left, rear	
 44	- Positive (+) connection (58b) in dash panel wiring loom	

* - T 1 vehicles with town driving lights only

Wiring colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - FRONT AND REAR FOGLIGHTS,
from November 1988



Designation**In current track**

E 1 - Lighting switch
E 23 - Fog light and rear fog light switch
J 5 - Fog light relay
K 13 - Rear foglight warning lamp
L 10 - Dash panel insert light bulb
L 20 - Rear fog light bulb
L 22 - Fog light bulb, left
L 23 - Fog light bulb, right
L 28 - Cigarette lighter light bulb
L 40 - Front and rear fog light switch bulb
R - Connection for radio
S 28 - Separate fuse for fog light
T 1d - Connector single, behind air inlet plate
T 1e - Connector single, behind air inlet plate
T 1c - Connector single, behind dash panel, left
T 1f - Connector single, behind dash panel, left
T 2a - Connector 2 pin, behind dash panel, left
T 2d - Connector 2 pin, behind dash panel, left

11
4, 5
2-4
6
10
5
3
4
8
7
9
5

- (30) - Earth point - 1 -, next to relay plate
(31) - Earth point, on dash panel insert
(32) - Earth point, behind dash panel, right
(65) - Earth point, longitudinal member left, rear
(A4) - Positive (+) connection (58b), in dash panel wiring loom

Relay positions

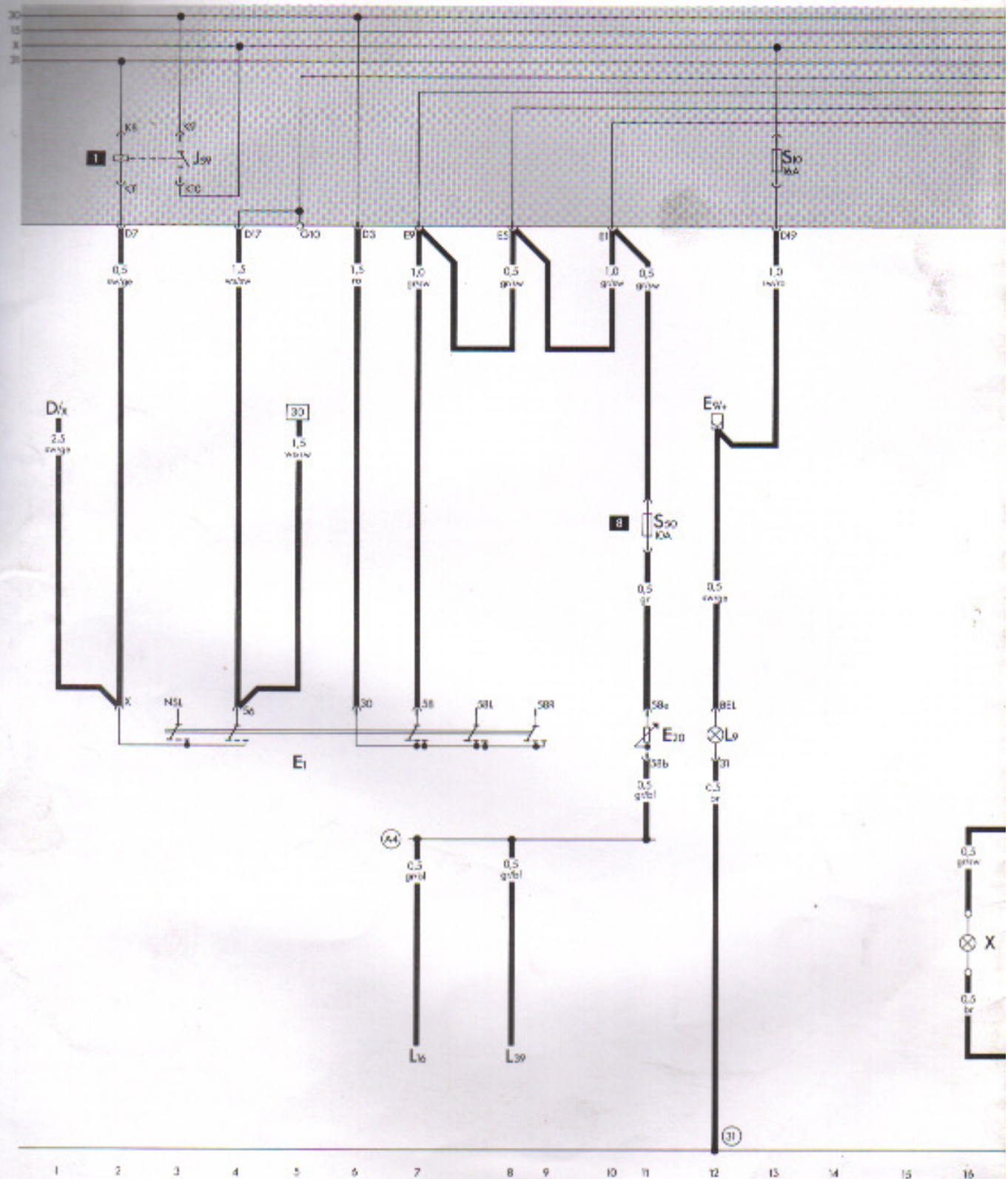
11 - Fog light relay (15)

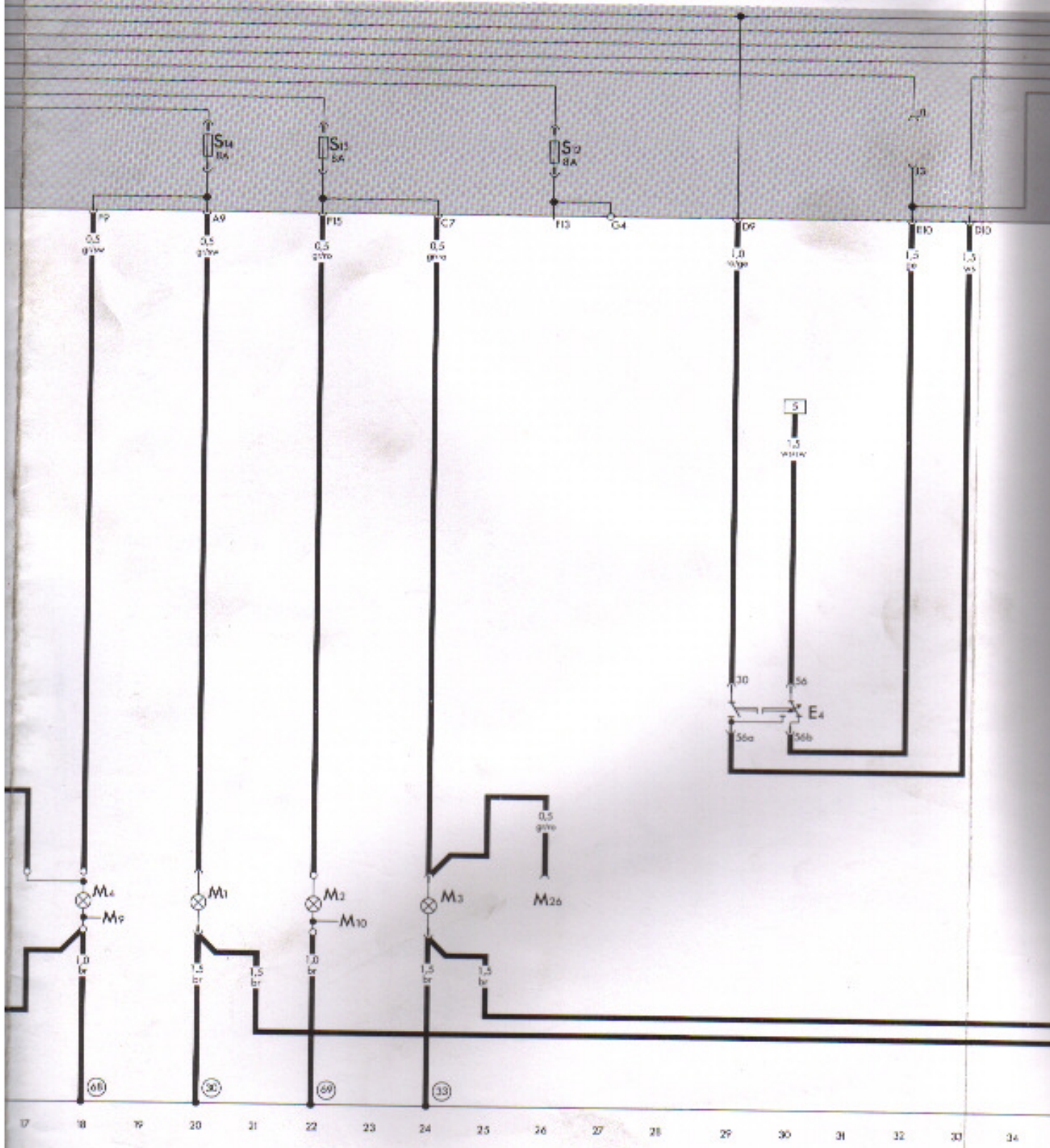
The number in brackets behind the part designation denotes the production control number on the housing

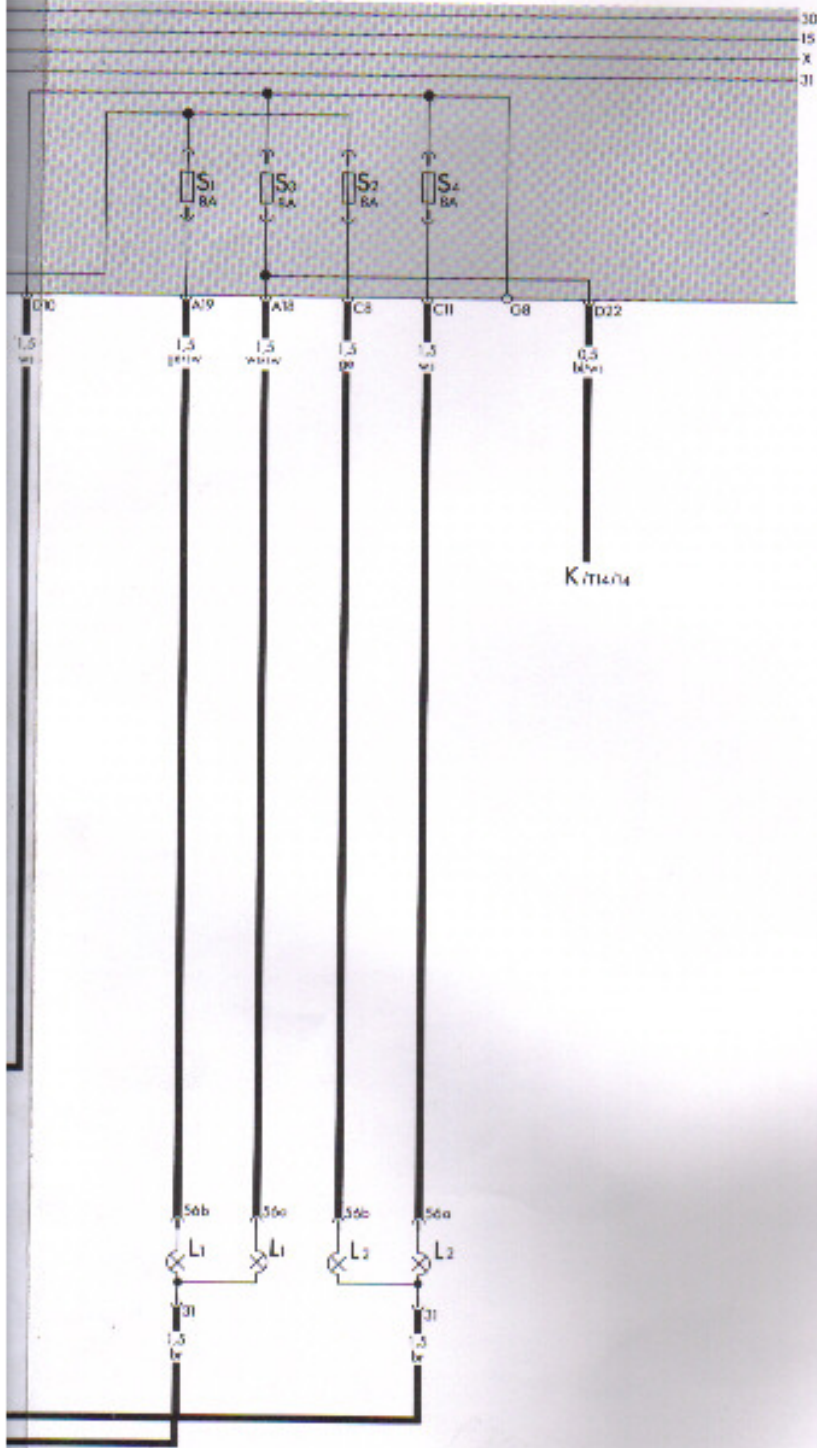
Wiring colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - LIGHTING SYSTEM,
from November 1988







Wiring colours:

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

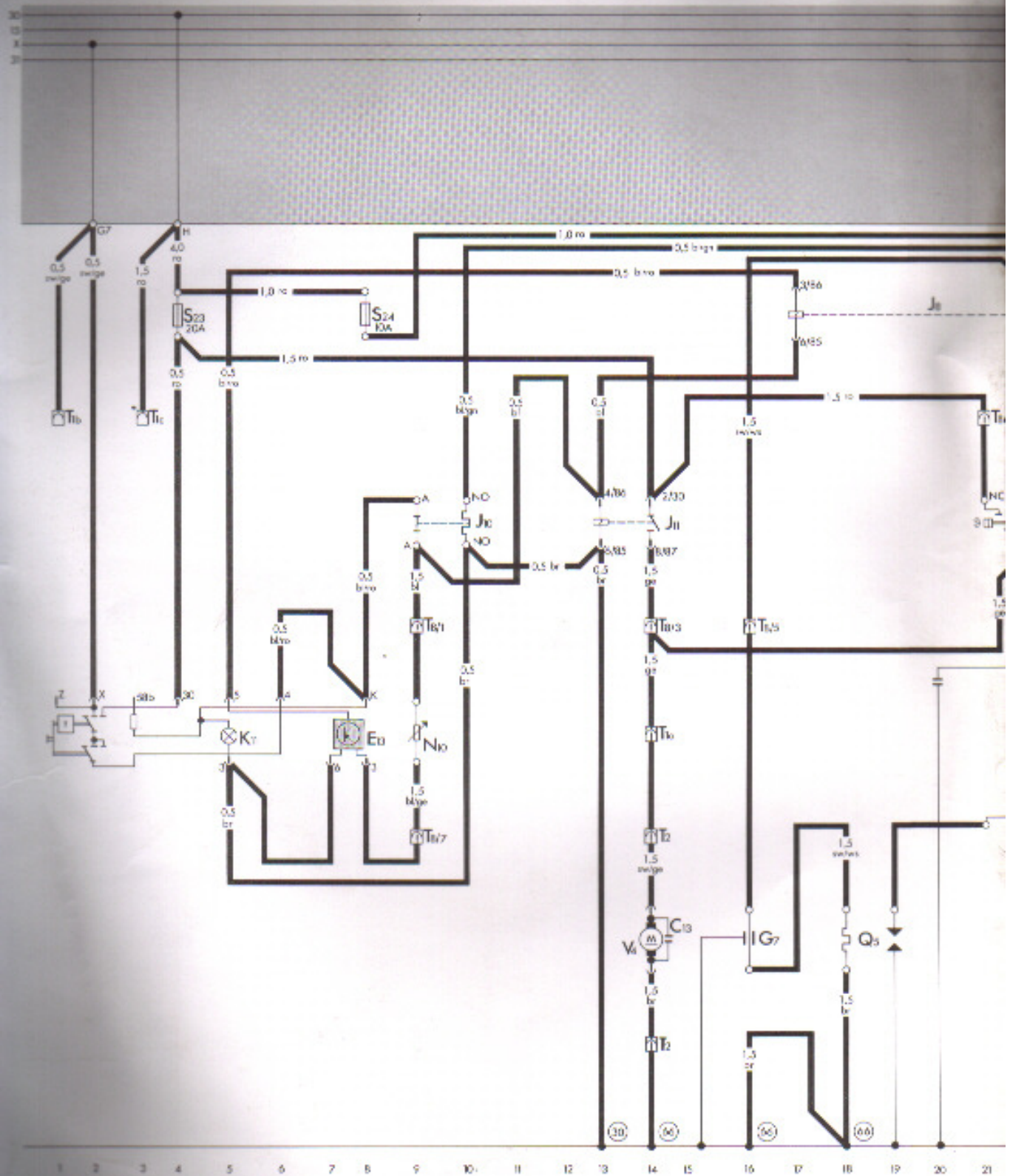
Designation

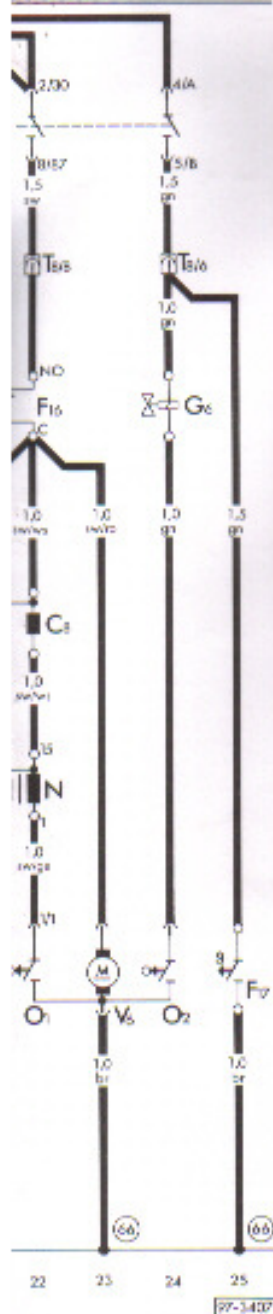
In current track

D	- Ignition/starter switch	1
E 1	- Lighting switch	2-9
E 4	- Headlight dipper/flasher switch	29, 30
E 9	- Fresh air blower switch	12
E 20	- Dash panel lighting control	11
J 59	- Relief relay for x contact	2, 3
K	- Dash panel insert	40
L 1	- Twin filament bulb, left	35, 36
L 2	- Twin filament bulb, right	37, 38
L 9	- Lighting switch light bulb	12
L 16	- Fresh air controls light bulb	7
L 39	- Heated rear window switch bulb	8
M 1	- Side light bulb, left	20
M 2	- Tail light bulb, right	22
M 3	- Side light bulb, right	24
M 4	- Tail light bulb, left	18
M 9	- Brake light bulb, left	18
M 10	- Brake light bulb, right	22
M 26	- Connection for positioning light	26
S 50	- Fuse, terminal 58B	11
T 14	- Connector 14 pin, on dash panel insert	
X	- Number plate light	

- 30 - Earth point - 1 -, next to relay plate
- 31 - Earth point, on dash panel insert
- 33 - Earth point, behind dash panel, right
- 68 - Earth point, cross member rear, left
- 69 - Earth point, cross member rear, right
- 44 - Positive (+) connection (58b), in dash panel insert

ADDITIONAL CURRENT FLOW DIAGRAM - PETROL/ELECTRIC HEATER BA6,
from July 1988





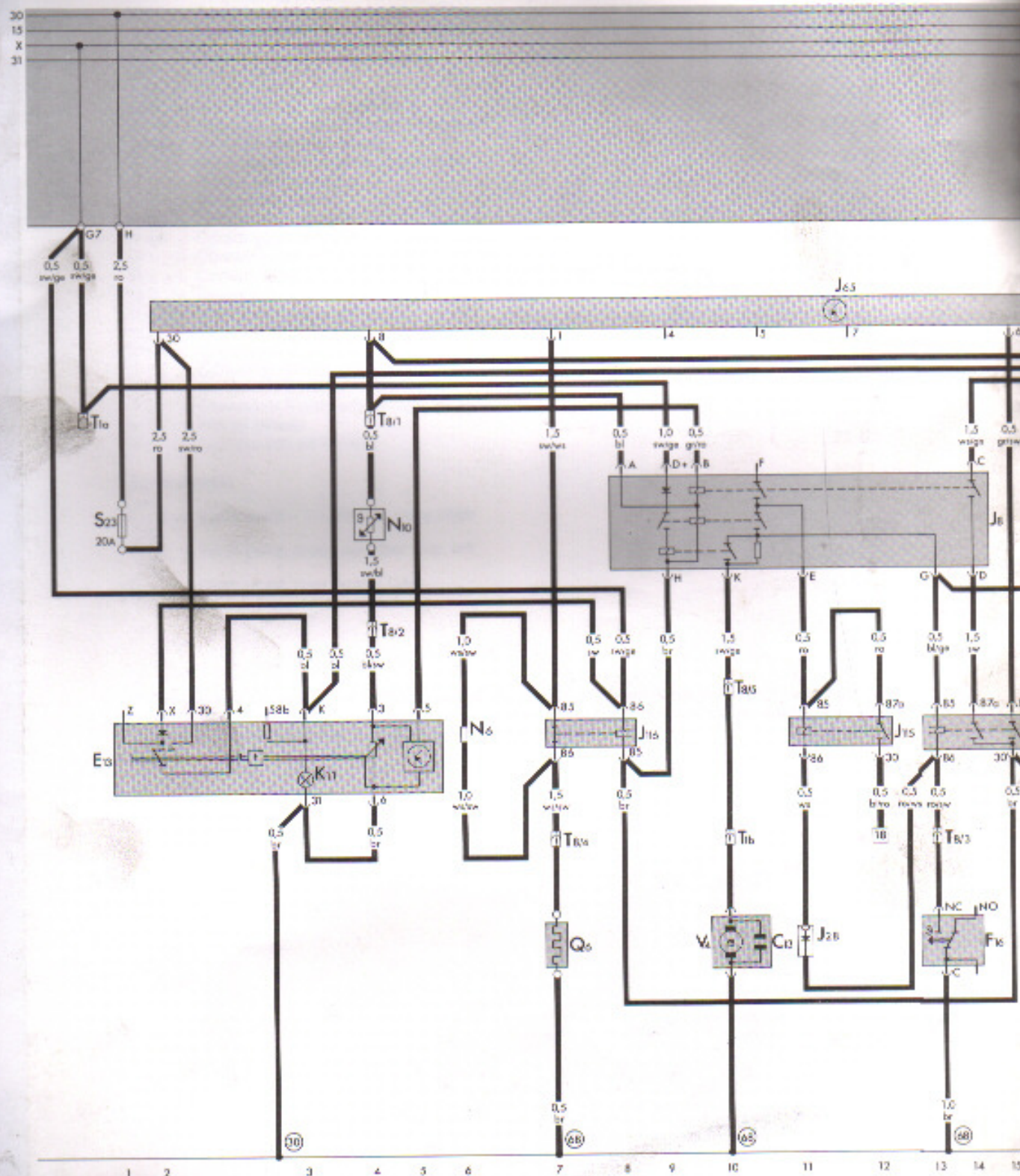
Earth points:

- 30 - Earth point - 1 -, next to relay plate
- 66 - Earth point, longitudinal member right, rear

Wiring colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM - DIESEL/ELECTRIC HEATER DA6,
from July 1988



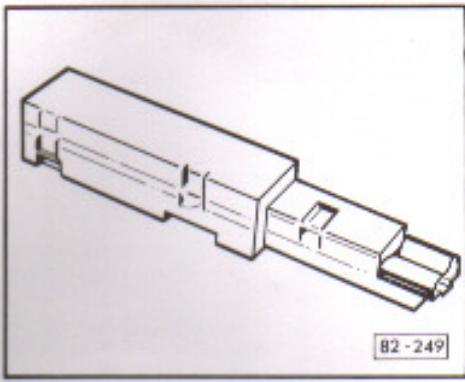
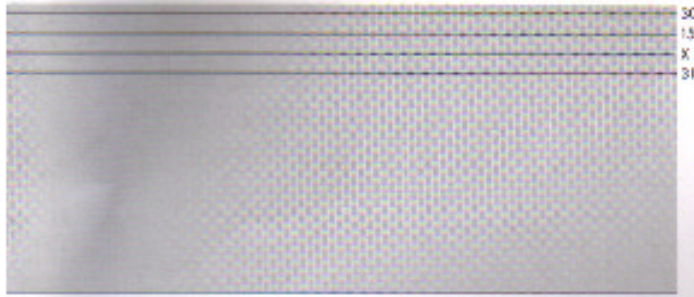


Fig. 1 - Blocking diode J 28

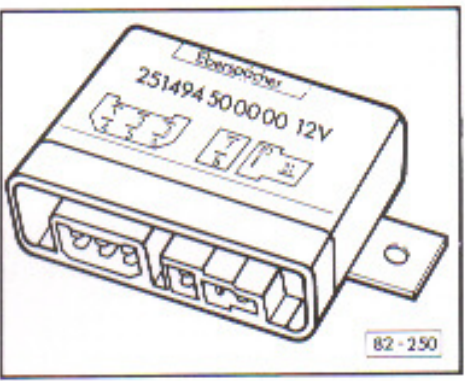
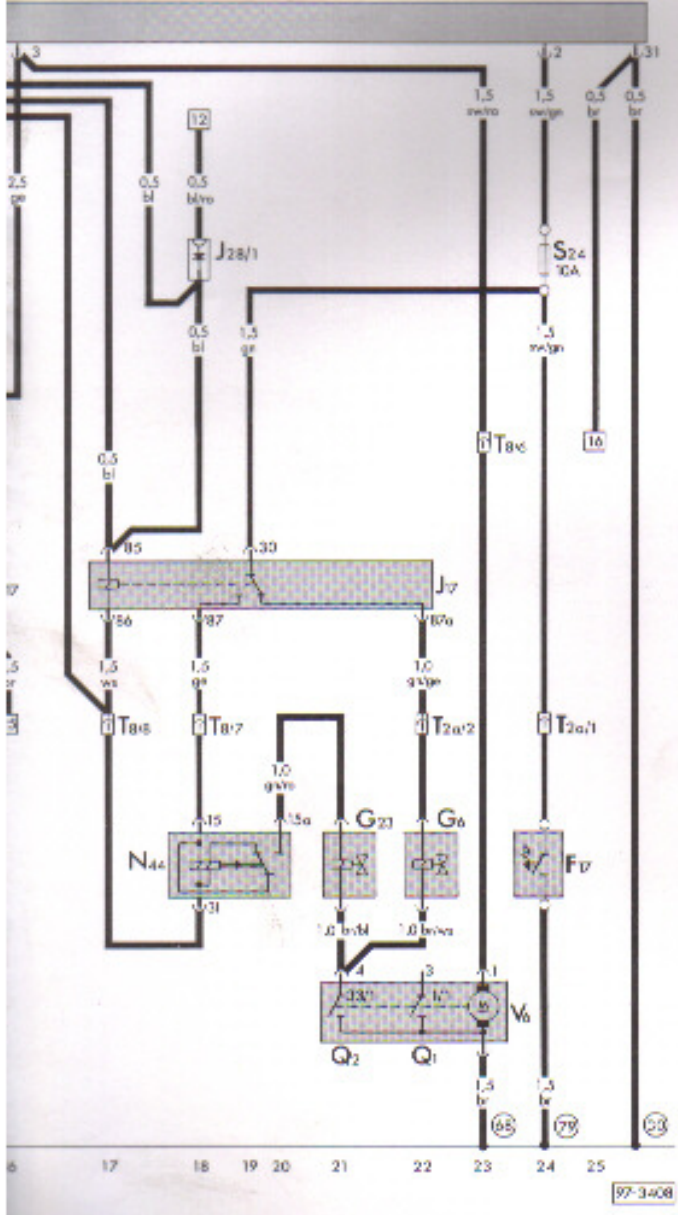


Fig. 2 - Control unit J 65




Wiring colours:

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

Designation**In current track**

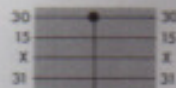
C 13	- Condenser for bypass air blower, as plug on wire	10
E 13	- Temperature control switch	1-5
F 16	- Combustion monitor	13
F 17	- Overheating switch	24
G 6	- Fuel pump (Part No. 251 261 467 A)	22
G 23	- Fuel pump (Part No. 251 261 467 B)	21
J 8	- Aux. heater relay	8-14
J 17	- Fuel pump relay	17-22
J 28	- Diode, see fig. 1	11, 18
J 65	- Heater control unit, see fig. 2	2-15
J 115	- Relay for compulsory start - Heating*	11-12
J 116	- Relay for resistance wire	7, 8
J 117	- Relay for flame monitor information	13-15
K 11	- Heater warning lamp	3
N 6	- Series resistance	6, 7
N 10	- Temperature sensor	4
N 44	- Combustion air valve	18-20
O 1	- Contact breaker for coil, not connected	22
O 2	- Contact breaker for fuel pump, one interruption per 33 revolutions	21
Q 6	- Glow plug	7
S 23	- Main fuse/heater (16 Amp.)	1
S 24	- Overheating fuse	24
T 1a	- Connector single, behind dash panel	
T 1b	- Connector single, on heater DA6	
T 2a	- Connector 2 pin, near fuel pump	
T 8	- Connector 8 pin, behind dash panel	
V 4	- Hot air blower	10
V 6	- Combustion air blower	21-23

Earth points:

-  - Earth point - 1 -, next to relay plate
-  - Earth point, cross member rear, left
-  - Earth point, near heater DA6

* Relay for compulsory start prohibits possibility of shut-off by temperature control switch after start-up of recirculating and combustion air blower. In order to prevent heater coking, blowers continue running approx. 5 minutes after switching off.

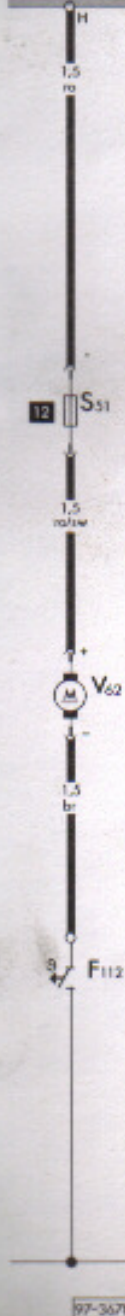
ADDITIONAL CURRENT FLOW DIAGRAM – CARBURETOR COOLING BLOWER,
from November 1988



Designation

In current track

F 112 – Thermo switch for carburetor cooling blower	1
S 51 – Fuse, above relay plate	1
V 62 – Carburetor blower	1



Wiring colours:

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

Additional current flow diagram: Camping equipment for LT Florida,

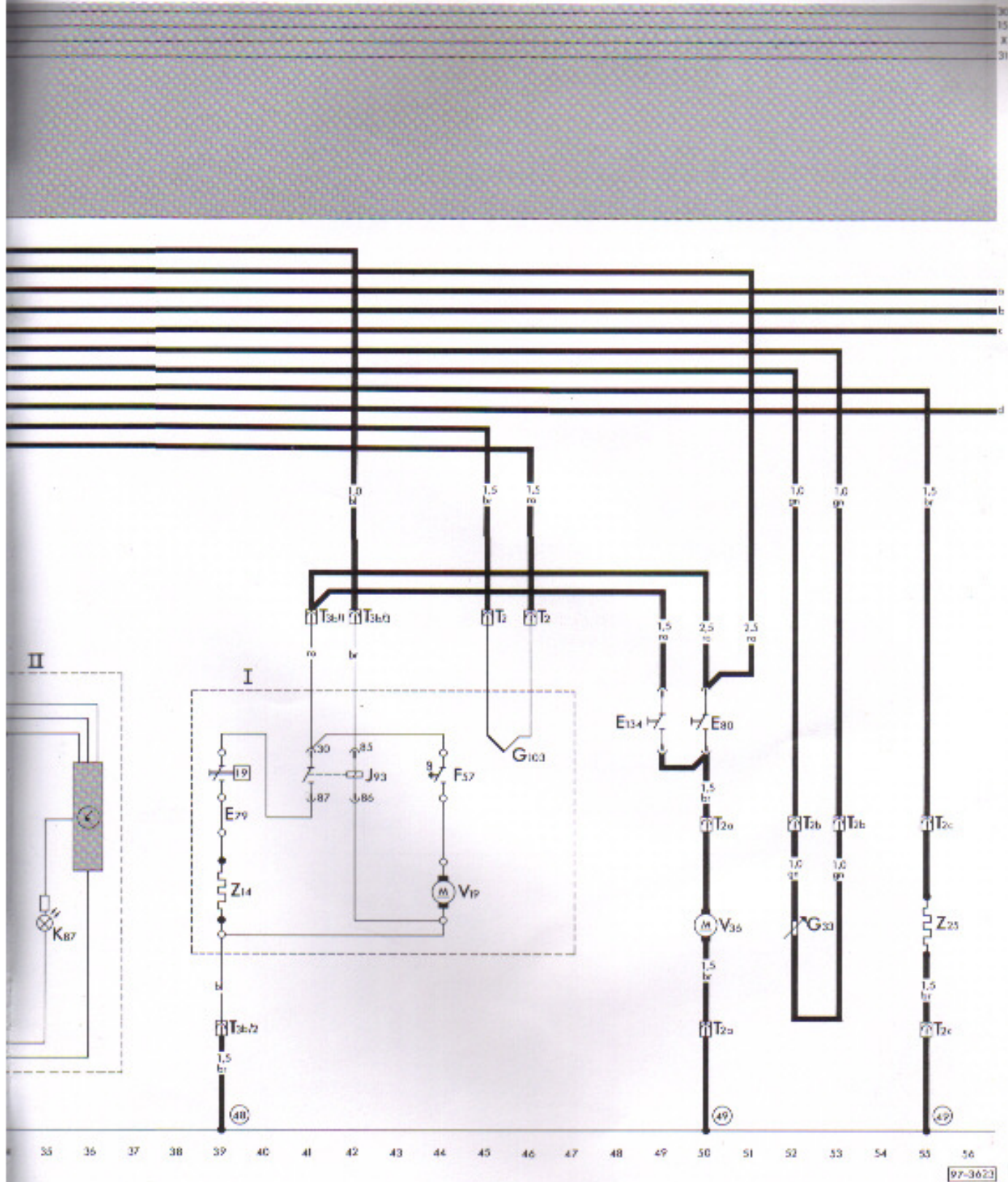
from February 1989

Caution:

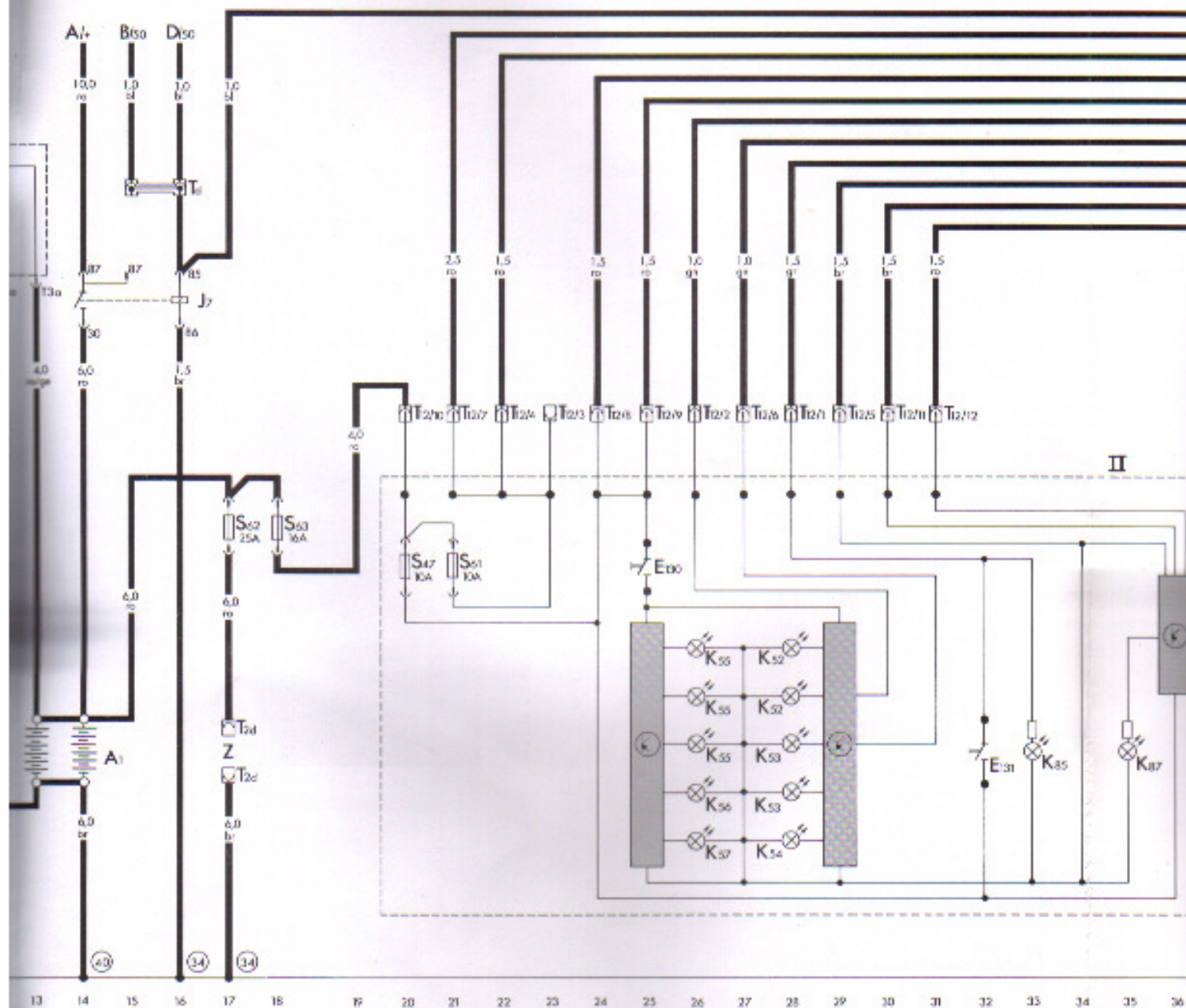
SAFETY PRECAUTIONS

- The 110/220 V power supply must not be connected to the exterior socket during repair work.
- All repair work on the 110/220 V system may only be conducted by an qualified electrician, or under the instruction and supervision of an qualified electrician.
- Specific regulations for each country must be observed.

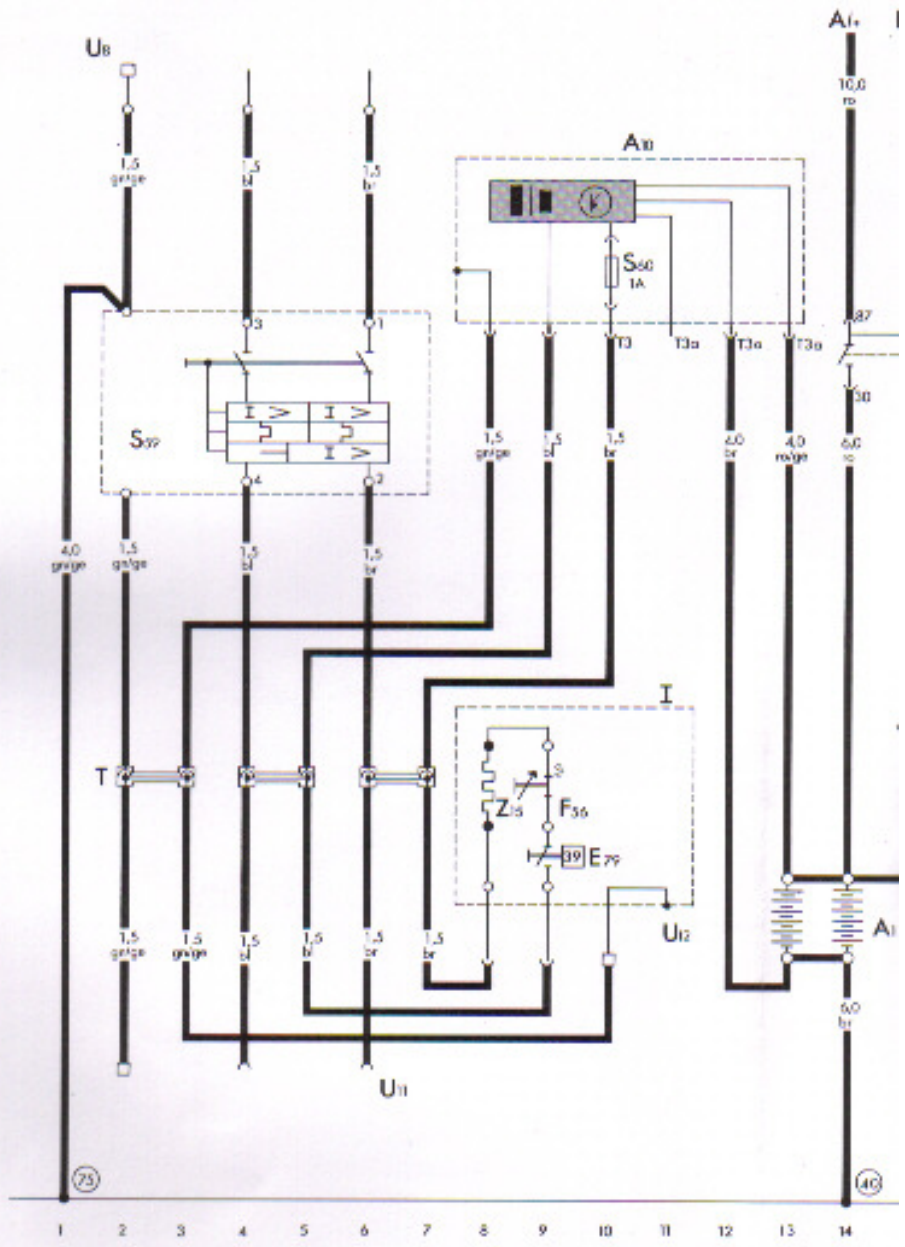
ADDITIONAL CURRENT FLOW DIAGRAM - CAMPING EQUIPMENT FOR LT FLORIDA,
from February 1989



97-3623



30
15
X
31



Designation

In current track

E 133 - Switch for warm water boiler	61
E 135 - Temperature regulator for warm water boiler	59
E 136 - Power inverter switch	75
F 7 - Door contact switch, rear (sliding/side door)	79
J 222 - Control unit for warm water boiler	62-68
K 89 - Warning lamp - warm water boiler operation	58
K 88 - Warning lamp - fault in warm water boiler	59
T a - Junction box, near interior light	
T b - Junction box, interior light	
T c - Junction box, near interior light	
T 2e - Connector 2 pin, on warm water boiler	
T 9 - Connector 9 pin, on operating/display unit - warm water boiler	
T 9a - Connector 9 pin, on warm water boiler	
U 5 - 12 V socket	70, 71
U 13 - Power inverter with socket (12 volt/220 volt)	74, 75
W 1 - Interior light, rear	77-79
W 7 - Interior light, centre	81, 82
W 8 - Neon light (left) above kitchen unit	76, 77
W 25 - Neon light (right) above sliding door	81, 82
(48) - Earth point, side part, right (door pillar, rear)	

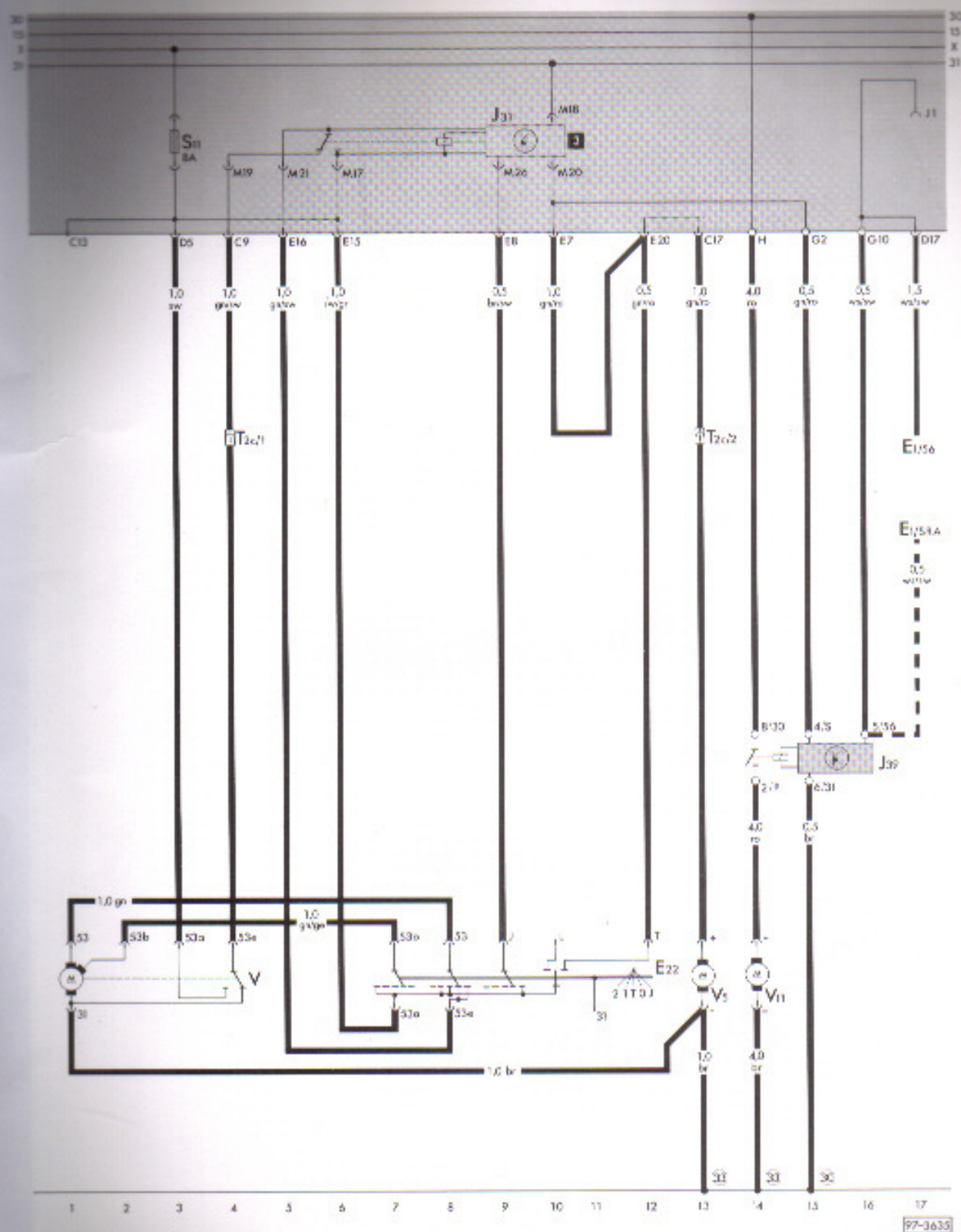
III - Warm water boiler

Wiring colours:

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

Designation	In current track
A - Battery	17
A 1 - Second battery	16, 17
A 10 - Charging appliance (220 Volt/12 Volt)	7-10
B - Starter	18
D - Ignition/starter switch	19
E 79 - Refrigerator switch (220 V, 110 V, 12 V)	12, 44
E 80 - Water pump switch (kitchen)	52
E 130 - Switch for display unit	28
E 131 - Switch for gas tank heater element	36
E 134 - Water pump switch (shower)	51
F 56 - Refrigerator thermostat (220 V and gas operation)	12
F 57 - Refrigerator blower thermo switch	49
G 33 - Water level sender	54
G 103 - Gas flame on sender	49, 50
J 7 - Battery cut-out relay	17-19
J 93 - 12 Volt heater resistance relay (refrigerator)	46, 47
K 52 - Battery charge condition warning lamp: green LED	32
K 53 - Battery charge condition warning lamp: yellow LED	32
K 54 - Battery charge condition warning lamp: red LED	32
K 55 - Water tank level indicator warning lamp, green LED	30
K 56 - Water tank level indicator warning lamp, yellow LED	30
K 57 - Water tank level indicator warning lamp, red LED (empty)	30
K 85 - Gas tank heater element warning lamp	37
K 87 - Gas flame on warning lamp	39
S 47 - Fuse for lighting	23
S 59 - Personnel protection unit (220 V)	2-4
S 60 - Fuse for charging unit	9
S 61 - Fuse for refrigerator/water pump	24
S 62 - Fuse for auxiliary heating	20
S 63 - Fuse for display	21
T - Junction box, near automatic passenger protection system	
T d - Junction box, behind relay plate	
T 2 - Connector 2 pin, on refrigerator	
T 2a - Connector 2 pin, on water pump	
T 2b - Connector 2 pin, on water level sender	
T 2c - Connector 2 pin, on heater resistance for gas tank	
T 2d - Connector 2 pin, on auxiliary heater	
T 3 - Connector 3 pin, on charger	
T 3a - Connector 3 pin, on charger	
T 3b - Connector 3 pin, on refrigerator	
T 12 - Connector 12 pin, on display unit	
U 8 - External socket (220 V)	2-4
U 11 - Internal socket (220 V)	2-4
U 12 - Socket for refrigerator (220 V)	11-13
V 19 - Condensor blower	49
V 36 - Water pump	52
Z - Aux. heater	20
Z 14 - Heater element - 12 V (refrigerator)	44
Z 15 - Heater element - 220 V (refrigerator)	11
Z 25 - Heater element for gas tank	56
(34) - Earth point, under driver's seat	
(40) - Earth point, under rear seat, right	
(46) - Earth point, side part	
(49) - Earth point, near wheel well, rear right	
(75) - Earth point, rear pillar, right	
I - Refrigerator	
II - Display unit	

ADDITIONAL CURRENT FLOW DIAGRAM – HEADLIGHT WASHER SYSTEM,
from November 1988



Designation**In current track**

E 1 - Lighting switch	17
E 22 - Intermittent wiper switch	7-12
J 31 - Intermittent wash/wipe relay	4-10
J 39 - Headlight washer system relay	14-16
T 2c - Connector, 2 pin, behind dash panel	
V - Windscreen wiper motor	1-4
V 5 - Windscreen washer pump	13
V 11 - Headlight washer pump	14

30 - Earth point - 1 -, next to relay plate

33 - Earth point, behind dash panel, right

■ ■ ■ - Only on vehicles with daylight driving lights (Sweden and Norway)
in place of wiring to relay plate, contact G 10.

Relay locations:

3 - Intermittent wash/wipe relay (19)

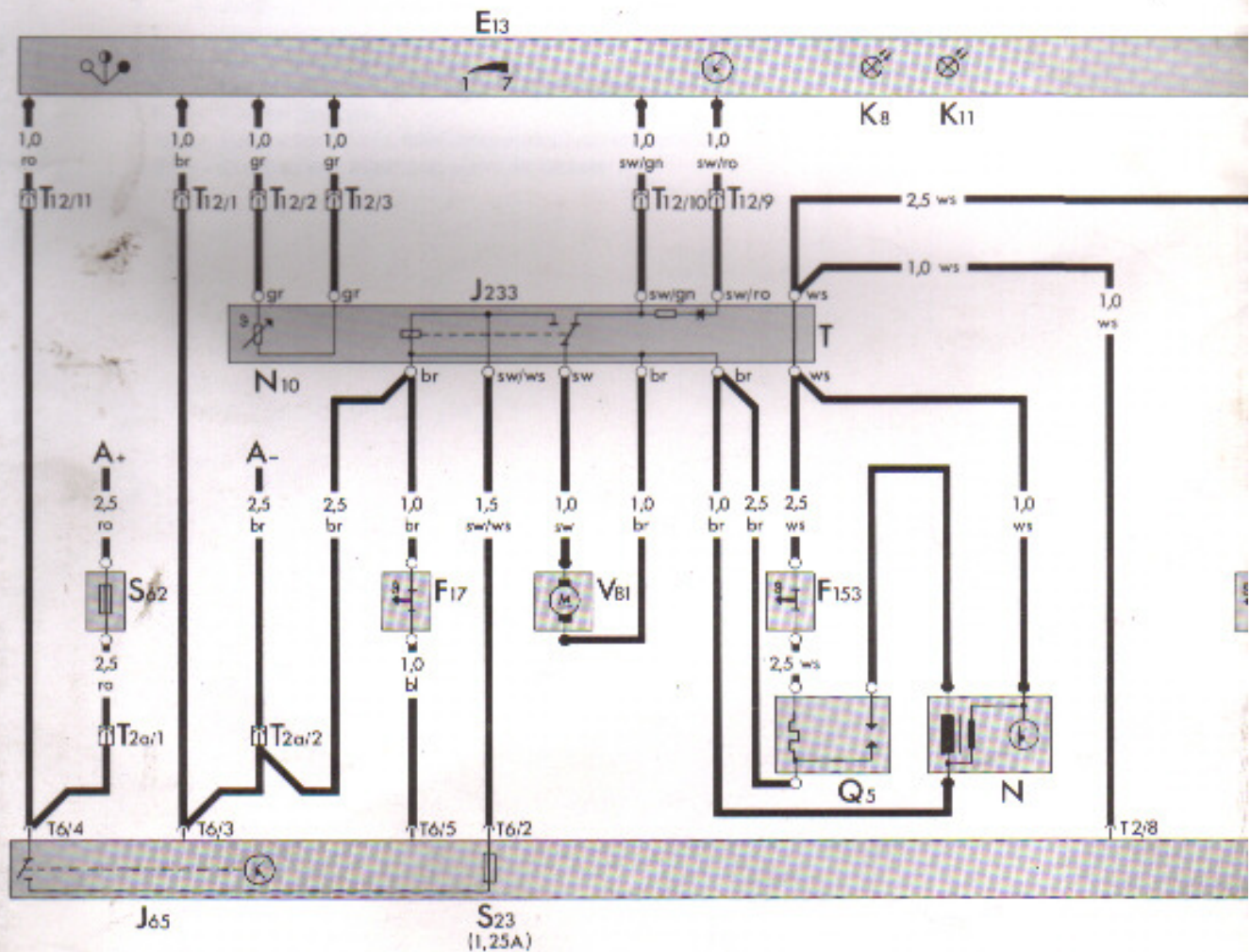
Wiring colours:

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

ADDITIONAL CURRENT FLOW DIAGRAM – PETROL/ELECTRIC HEATER B 2 L* FOR FLORIDA,
from January 1989

* Version 20 166 101, see factory plate

30
15
X
31

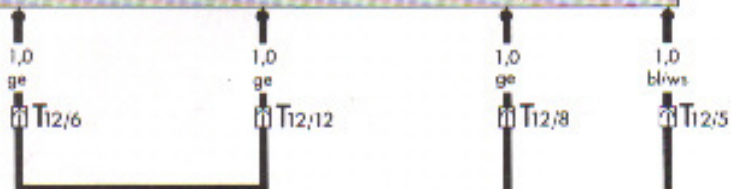


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

97-3670

30
15
X
31

E13



2,5
ws



2,5
ws

T6/1

1,0
gn/ws

T6/6



1,0
ge

T2/7

1,0
ge

T12/8

1,0
bl/ws

T12/5

T1/9



J65

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

16 17 18 19 20 21 22 23 24 25 26 27 28

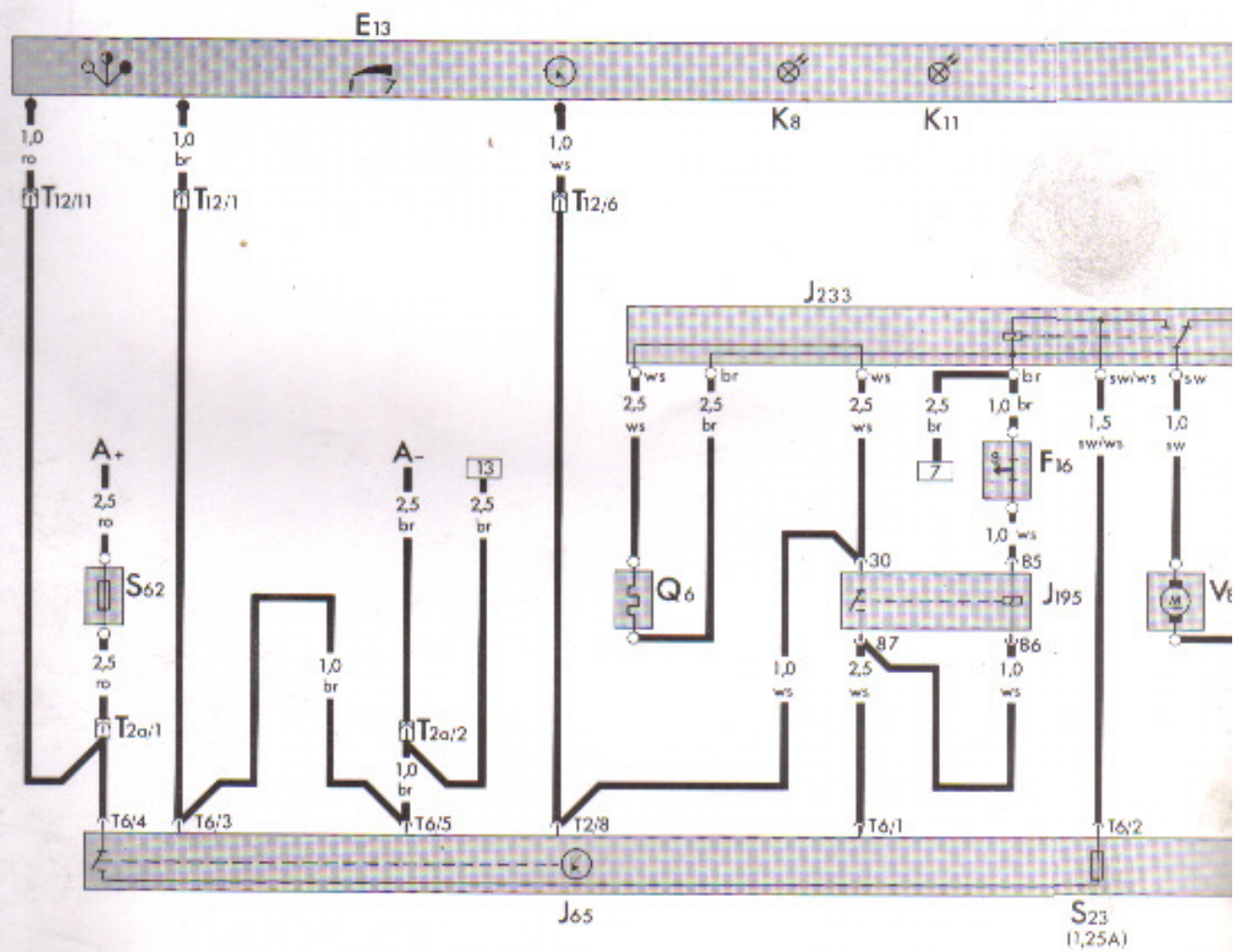
97-3671

Designation	in current track
A - Battery	2, 4
E 13 - Temperature control switch, in passenger compartment, left	1-27
F 16 - Combustion monitor	17
F 17 - Overheating switch	6
F 153 - Thermo switch for glow plug filament	11
G 23 - Fuel pump	23
J 65 - Heater control unit, in passenger compartment, left	1-27
J 233 - Relay for combustion, fresh and warm air blower	4-11
K 8 - Fresh air blower warning lamp, switched-on warning lamp (green)	12
K 11 - Heater warning lamp (red)	13
N - Ignition coil	13, 14
N 10 - Temperature sensor	4
Q 5 - Glow spark plug	11, 12
S 23 - Heater fuse	7
S 62 - Heater fuse	2
T - Junction box, on relay for combustion air blower	11
T 1 - Connector single,	
T 2 - Connector 2 pin,	
2a - Connector 2 pin, near heater control unit	
T 6 - Connector 6 pin,	
T 12 - Connector 12 pin, near temperature control switch	
V 81 - Combustion, fresh and warm air blower	8

ADDITIONAL CURRENT FLOW DIAGRAM - DIESEL/ELECTRIC HEATER D 2 L* FOR FLORIDA,
from January 1989

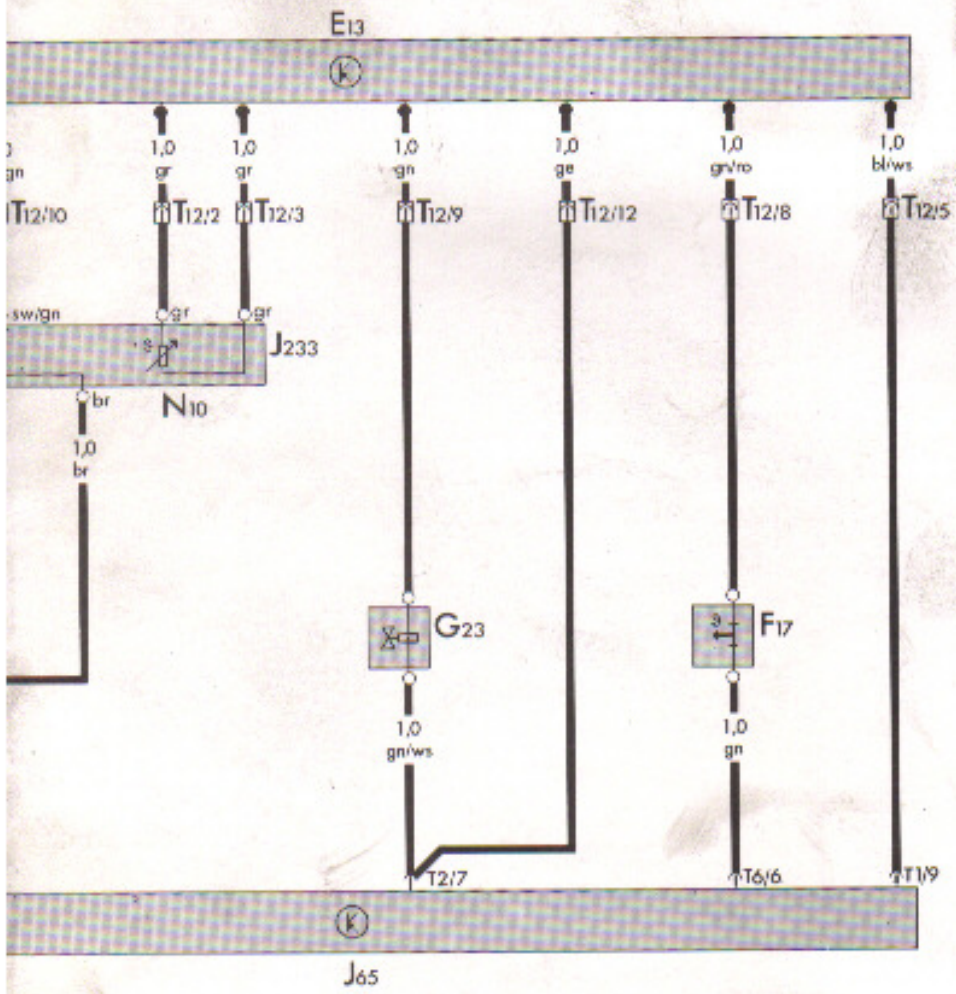
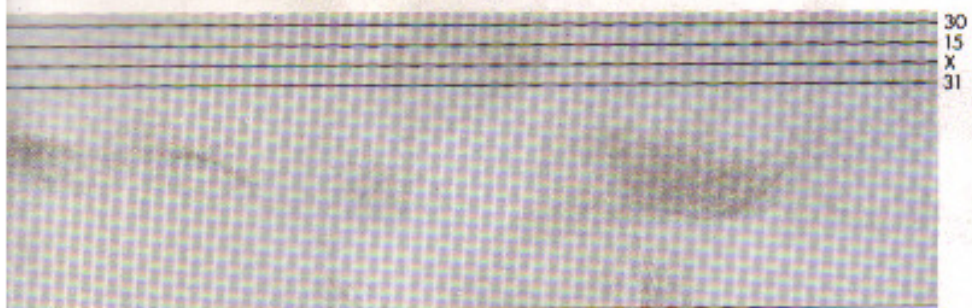
* Version 25 169 001, see factory plate

30
15
X
31



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

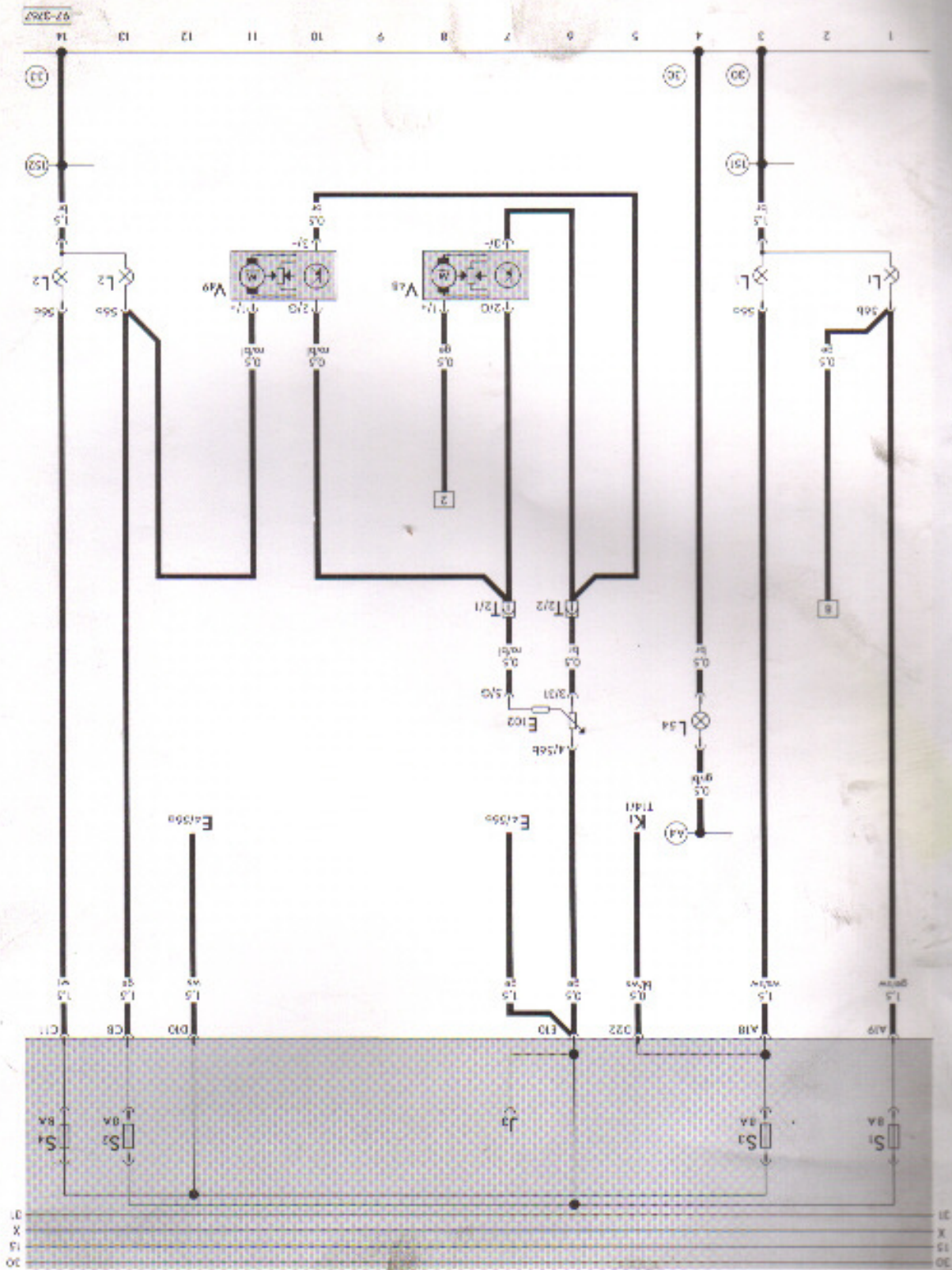
97-3672



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

Designation	in current track
A - Battery	2, 6
E 13 - Temperature control switch, in passenger compartment, left	1-28
F 16 - Combustion monitor	14
F 17 - Overheating switch	26
G 23 - Fuel pump	22
J 65 - Heater control unit, in passenger compartment, left	2-28
J 195 - Glow plug monitor relay	12-14
J 223 - Relay for combustion, fresh and warm air blower	9-20
K 8 - Fresh air blower warning lamp, switched on warning lamp (green)	11
K 11 - Heater warning lamp (red)	13
N 10 - Temperature sensor	19
Q 6 - Glow plug	9
S 23 - Heater fuse	15
S 62 - Heater fuse	2
T 1 - Connector single	
T 2 - Connector 2 pin,	
T 2a - Connector 2 pin, near heater control unit	
T 6 - Connector 6 pin,	
T 12 - Connector 12 pin, near temperature control switch	
V 81 - Combustion, fresh and warm air blower	16

30
15
X
31



Designation

flow

in current

E 4	-	Headlight dipper/flasher switch
E 102	-	Headlight beam adjuster
K 1	-	Main beam warning lamp
L 1	-	Twin filament bulb, left
L 2	-	Twin filament bulb, right
L 54	-	Headlight beam adjuster light
T 2	-	Connector 2 pin, behind dash panel
T 14	-	Connector 14 pin, on dash panel insert*
V 48	-	Motor left for beam adjustment
V 49	-	Motor right for beam adjustment

* The contacts in the 14 connector are appropriate to the designation on the dash panel insert printed circuit and **not** the designation of the connector on the wiring loom.

30	-	Earth point, next to relay plate
33	-	Earth point, behind dash panel, right
151	-	Earth point, - 1 - in front wiring loom
152	-	Earth point, - 2 - in front wiring loom
54	-	Positive (+) connection (55b), in dash panel wiring loom

Wiring colours:

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