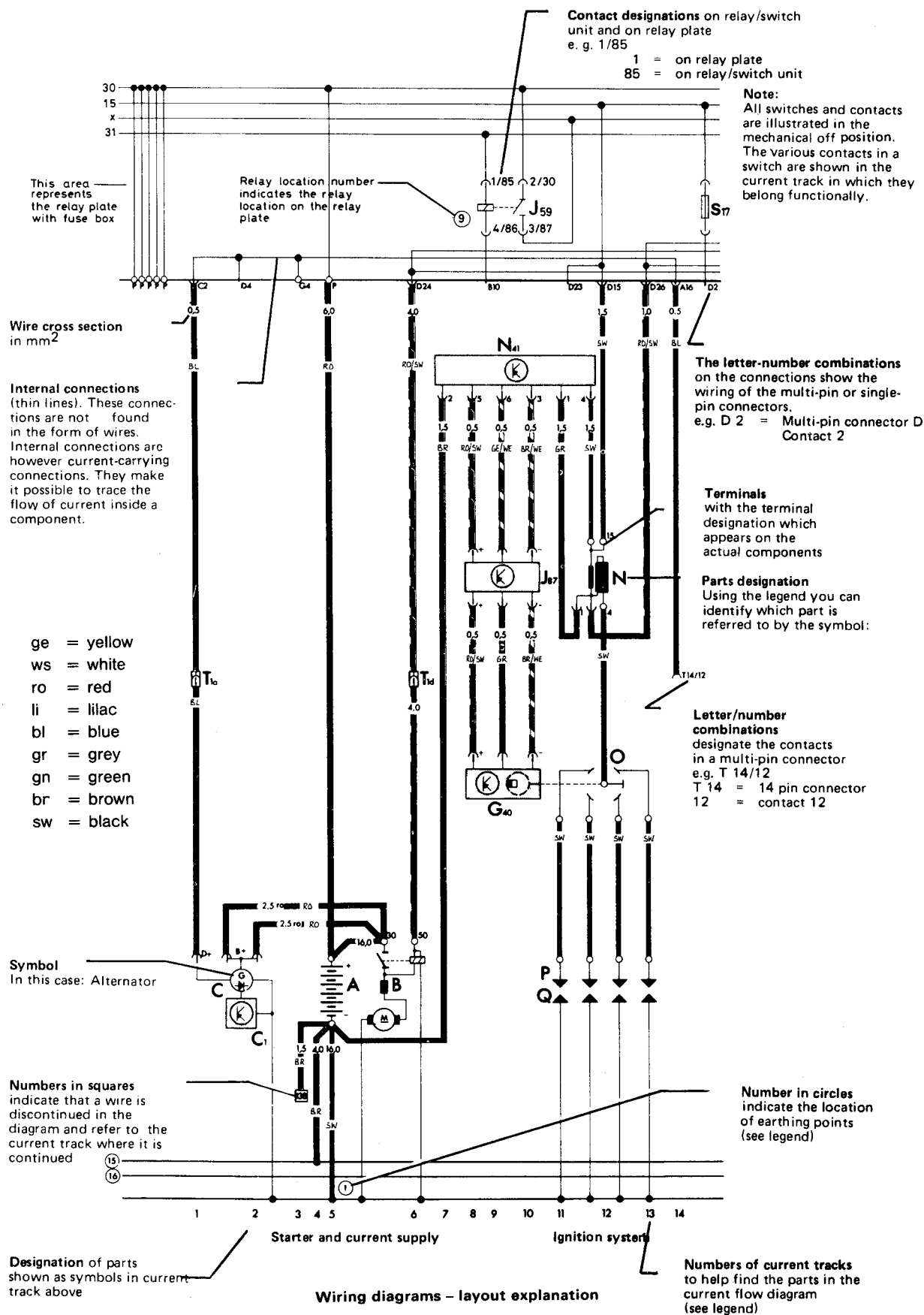


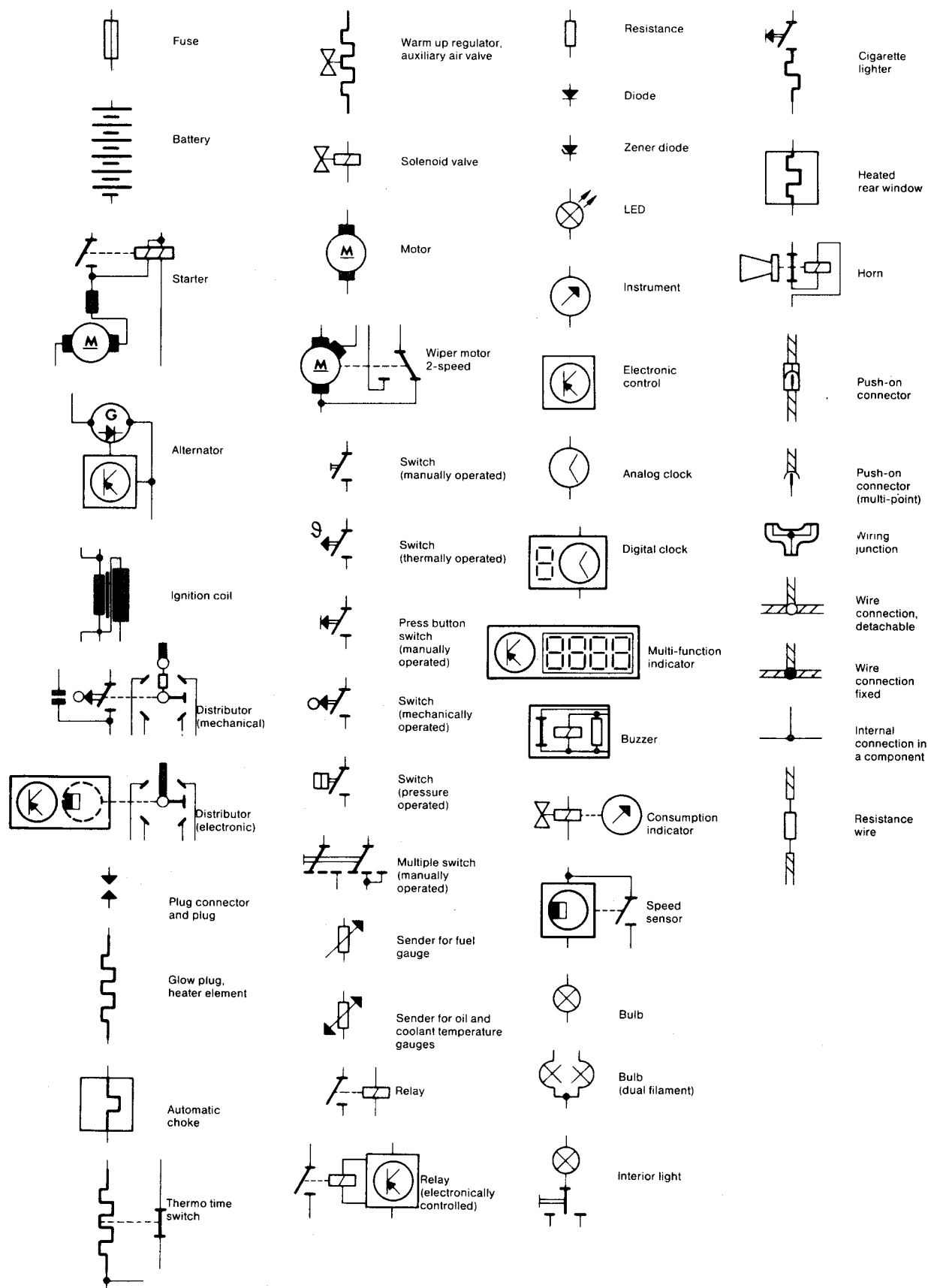
Key for all wiring diagrams

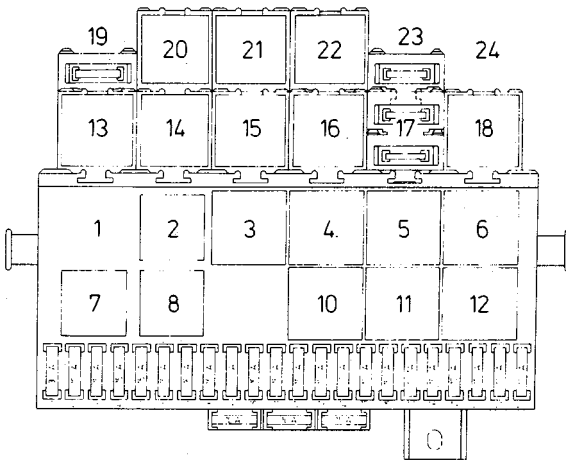
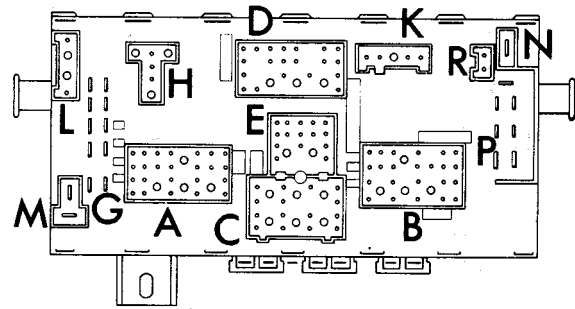
No	Description	No	Description	No	Description
A	Battery	G17	Feeler for outside temperature	L8	Clock light bulb
B	Starter	G18	Temperature sensor	L9	Lighting switch bulb
C	Alternator	G19	Potentiometer for airflow meter	L10	Dash insert bulb
C1	Voltage regulator	G23	Electric fuel pump II	L16	Fresh air control bulb
D	Ignition switch	G32	Low coolant level indicator sender unit	L19	Gear selector bulb
E1	Lighting switch	G39	Lambda probe with heater	L20	Rear foglight bulb
E2	Indicator switch	G40	Hall sender	L22	Foglight bulb
E3	Hazard warning light switch	G42	Intake air temperature sender	L23	Foglight bulb, right
E4	Headlight dip and flasher switch	G51	Consumption indicator	L28	Cigarette lighter bulb
E9	Fresh air blower switch	G54	Speed sensor for multi-function indicator	L39	Heated rear window switch bulb
E15	Heated rear window switch	G55	Vacuum sensor for multi-function indicator	L40	Foglight switch bulb
E17	Starter/inhibitor and reversing light switch	G61	Knock sensor	L52	Connection for fader control unit
E19	Parking light switch	G62	Coolant temperature sender unit	L53	Electric window switch light
E20	Instrument/dash insert lighting control	G114	Switch unit for oil pressure warning	L54	Headlight beam adjuster bulb
E22	Intermittent wiper switch	H	Horn control	L66	Cassette storage illumination
E23	Foglight and rear foglight switch	H1	Dual tone horn	M1	Parking light bulb, left
E39	Electric window switch	J2	Indicators flasher relay	M2	Tail light bulb, right
E40	Electric window switch, left	J4	Dual tone horn relay	M3	Parking light bulb, right
E41	Electric window switch, right	J5	Foglight relay	M4	Tail light bulb, left
E43	Mirror adjustment switch	J6	Voltage stabiliser	M5	Indicator bulb, front left
E48	Mirror adjustment changeover switch	J17	Fuel pump relay	M6	Indicator bulb, rear left
E52	Electric window switch, rear left, in door	J20	Emergency lamp – trailer towing	M7	Indicator bulb, front right
E53	Electric window switch, rear left, in console	J26	Radiator fan relay	M8	Indicator bulb, rear right
E54	Electric window switch, rear right, in door	J30	Rear wash/wipe relay	M9	Brake light bulb, left
E55	Electric window switch, rear right, in console	J31	Intermittent wash/wipe relay	M10	Brake light bulb, right
E86	Call-up button for multi-function indicator	J39	Headlamp wash system relay	M16	Reversing light bulb, left
E102	Headlight beam adjuster	J51	Electric window relay	M17	Reversing light bulb, right
E109	Memory switch for multi-function indicator	J59	Relief valve (for X contact)	M18	Side indicator bulb, left
F	Brake light switch	J81	Intake preheating relay	M19	Side indicator bulb, right
F1	Oil pressure switch (1.8 bar)	J86	Electronic ignition control unit	N	Ignition coil
F2	Door contact switch, front left	J88	Electronic ignition control unit (in plenum chamber, LH side)	N1	Automatic choke
F3	Door contact switch, front right	J98	Gearchange indicator switch unit	N3	Bypass cut-off valve
F4	Reversing light switch	J114	Oil pressure monitor switch unit	N6	Resistance wire
F5	Boot light	J119	Multi-function indicator	N9	Warm-up valve
F9	Handbrake warning switch	J120	Switch unit for low coolant indicator	N10	Temperature sensor (NTC resistance)
F10	Thermo-switch for radiator fan	J130	Switch unit for overrun cut-off valve	N17	Cold start valve
F18	Radiator fan thermal switch	J134	Diode	N21	Auxiliary air valve
F22	Oil pressure switch (0.3 bar)	J138	Control unit for radiator fan run-on	N23	Series resistance for fresh air blower
F25	Throttle valve switch	J143	Switch unit for speed increase	N30	Fuel injector, cylinder No 1
F26	Thermo-switch for choke	J147	Digijet control unit	N31	Fuel injector, cylinder No 2
F34	Brake fluid level warning contact	J159	Control unit for idle speed stabiliser and overrun cut-off	N32	Fuel injector, cylinder No 3
F35	Thermo-switch for intake preheating	J167	Digijet relay and idle speed stabilization unit	N33	Fuel injector, cylinder No 4
F59	Central locking system switch	J169	Control unit for Digifant	N35	Mirror adjustment solenoid (driver's side)
F60	Idle switch	J176	Digifant current supply and idle speed stabilization	N39	Radiator fan series resistance
F62	Gearchange indicator vacuum switch	K	Dash insert	N41	TCI control unit
F66	Low level coolant switch	K1	High beam warning lamp	N42	Mirror adjustment solenoid, passenger's
F68	Switch for gearchange and consumption indicator	K2	Alternator warning lamp	N51	Heater element for manifold preheating
F69	Central locking switch (driver's door)	K3	Oil pressure warning lamp	N52	Heater element for carburettor throttle passage
F80	Thermo-switch for N52	K5	Indicators warning lamp	N60	Solenoid valve for consumption indicator
F81	Full-throttle switch	K6	Warning lamp for hazard lights	N62	Idling speed – acceleration valve
F87	Thermo-switch for radiator from run-on	K7	Dual circuit and handbrake warning lamp	N65	Overrun cut-off valve
F89	Switch for accelerator enrichment	K10	Heated rear window warning lamp	N68	Idling – overrun cut-off valve
F93	Vacuum timeswitch	K13	Rear foglight warning lamp	N69	Thermostime valve for overrun cut-off
G	Fuel gauge sender	K17	Foglight warning lamp	N71	Control valve for idling stabilisation
G1	Fuel gauge	K18	Trailer operation warning lamp	N98	Series resistance, headlamp dim-dip system (front right of engine compartment)
G2	Coolant temperature sender	K28	Coolant temperature warning lamp (too hot, red)	N113	Heater resistance for washer jets
G3	Coolant temperature gauge	K48	Gearchange indicator warning lamp	O	Distributor
G5	Rev counter	L1	Twin filament headlight bulb, left	P	Spark plug connector
G6	Fuel pump	L2	Twin filament headlight bulb, right	Q	Spark plug
G8	Oil temperature sender			R	Connection for radio
				R9	Loudspeaker, front left
				R10	Loudspeaker, front right

Key for all wiring diagrams (continued)

No	Description	No	Description	No	Description
S24	Overheating fuse	T2y	2-pin connector, front of engine compartment	W3	Boot light
S27	Separate fuse for rear foglight	T2z	2-pin connector, behind left A-pillar trim	W6	Glovebox light
S37	Fuse for electric windows	T3	3-pin connector, on throttle valve housing or behind relay plate	W15	Delayed interior light
T	Connector, behind relay plate	T3a	3-pin connector, behind relay plate (in plenum chamber on Digijet system)	X	Number plate light
T1	Single connector, various locations	T3b	3-pin connector, behind door trim (in rear of engine compartment on Digifant system)	Y2	Digital clock
T1a	Single connector, various locations	T3c	3-pin connector, behind door trim	Z1	Heated rear window
T1b	Single connector, left of engine compartment or behind relay plate	T3d	3-pin connector, behind door trim	Z4	Heated mirror, driver's
T1c	Single connector, various locations	T3e	3-pin connector, behind door trim	Z5	Heated mirror, passenger's
T1d	Single connector, various locations	T3f	3-pin connector, behind right B-pillar trim	Z20	Heater resistance, LH washer jet
T1e	Single connector, right of engine compartment or behind relay plate	T3g	3-pin connector, behind left B-pillar trim (near starter on Digifant system)	Z21	Heater resistance, RH washer jet
T1f	Single connector, near carburettor or coil	T3h	3-pin connector, behind relay plate	Earth connections	
T1g	Single connector, various locations	T4	4-pin connector, behind dash (in plenum chamber on Digijet system)	No	Description
T1h	Single connector, behind relay plate	T4a	4-pin connector, behind steering column trim (near inlet manifold on Digijet system)	1	Battery earth strap
T1i	Single connector, behind relay plate	T4c	4-pin connector, behind steering column trim	10	Near relay plate
T1k	Single connector, behind relay plate or on radiator cowl	T5	5-pin connector on left of bulkhead	12	On cylinder head cover or distributor
T11	Single connector, behind relay plate	T5b	5-pin connector, behind steering column switch trim	14	Near steering column or in tailgate
T1m	Single connector, behind dash	T5c	5-pin connector, behind steering column switch trim	15	In front loom or on cylinder head
T1n	Single connector, behind relay plate or near carburettor	T5e	5-pin connector, on series resistance N23	16	In instrument loom
T1p	Single connector, on radiator cowl	T6	6-pin connector, behind relay plate	17	In instrument loom
T1q	Single connector behind relay plate	T6a	6-pin connector, rear left-hand tail lamp	17	On intake manifold (1989 on)
Tr	Single connector – luggage boot	T6b	6-pin connector, rear right-hand tail lamp	18	On cylinder block
T1s	Single connector behind relay plate	T7	7-pin connector, on dash insert or behind steering column trim	19	In boot on right
T1v	Single connector behind steering wheel switch trim	T7a	7-pin connector, on dash insert	20	On front seat crossmember, in tailgate or in instrument loom
T1x	Single connector, near coil	T7b	7-pin connector, on dash insert	21	In electric window loom
T1y	Single connector, near carburettor or behind relay	T7c	7-pin connector, on dash insert	22	In electric window loom
T2	2-pin connector, various locations	T8	8-pin connector, on gearbox or behind dash	23	In electric window loom
T2a	2-pin connector, various locations	T16	16-pin connector, on multi-function indicator	30	In front loom or next to relay plate
T2b	2-pin connector, various locations	T28	28-pin connector, on instrument panel	42	Next to steering column
T2c	2-pin connector, left of boot or behind dash	T32	32-pin connector, behind fascia panel	44	Base of LH A-pillar
T2d	2-pin connector, left of boot or behind dash (near inlet manifold on Digifant system)	U	Socket	46	Next to relay plate
T2e	2-pin connector, left of engine compartment	U1	Cigarette lighter	50	In boot on left
T2f	2-pin connector, various locations	V	Windscreen wiper motor	51	In boot on right
T2g	2-pin connector, right of engine compartment	V2	Fresh air blower	54	On rear cross panel
T2h	2-pin connector, left of engine compartment	V5	Windscreen washer pump	63	Bulbholder, left-hand tail lamp
T2i	2-pin connector, behind door trim	V7	Radiator fan	64	Bulbholder, right-hand tail lamp
T2k	2-pin connector, various locations	V11	Headlight washer pump	80	In instrument loom
T21	2-pin connector, behind dash or front of engine compartment	V12	Wiper motor	81	In instrument loom
T2m	2-pin connector, behind dash	V13	Washer pump motor	82	In front loom
T2n	2-pin connector, behind dash	V14	Window motor, left	84	Engine block wiring loom
T20	2-pin connector, right of engine compartment	V15	Window motor, right	85	In engine compartment wiring loom
T2p	2-pin connector, various locations	V17	Mirror adjustment motor, driver's	89	In electric window loom
T2q	2-pin connector, right of engine compartment	V25	Mirror adjustment motor, passenger's	94	In Digifant wiring loom
T2r	2-pin connector, behind door trim	V26	Window motor, rear left	107	In exterior mirror wiring loom
T2s	2-pin connector, behind door trim	V27	Window motor, rear right	108	In front loom
T2t	2-pin connector, behind door trim	V37	Central locking motor	116	In Digijet wiring loom
T2u	2-pin connector, left of boot	V48	Headlight motor, left	119	In headlamp wiring loom
T2v	2-pin connector, behind right A-pillar trim or in engine compartment	V49	Headlight motor, right	120	In headlamp wiring loom
T2w	2-pin connector, behind dash	V59	Washer pump	A11	In instrument loom
T2x	2-pin connector, front of engine compartment or behind dash	W	Interior light, front	C3	Positive (+) connector (30) in headlamp wiring loom
				C10	Positive connector (30) in headlamp wiring loom
				E1	Positive (+) connector in Digijet wiring loom
				G3	Positive (+) connector in cable sleeve – injector
				G4	Connector in cable sleeve – injector
				Q1	In electric window loom
				Q9	In window lift wiring loom
				X1	Positive connector (15) in carburettor wiring loom





Relay locations**Connections****Wiring relays and connections – all models****Relays (typical)**

- | | |
|----|--|
| 1 | Vacant |
| 2 | Intake manifold preheating relay (carburettor models) or fuel pump relay (injection models) |
| 3 | Seat belt warning system relay |
| 4 | Gearshift indicator control unit |
| 5 | Air conditioner relay |
| 6 | Dual tone horn relay |
| 7 | Relay for foglights and rear foglight |
| 8 | Relief relay for X contact |
| 10 | Intermittent wash/wipe relay |
| 11 | Rear window wiper relay |
| 12 | Turn signal flasher or trailer towing warning relay |
| 13 | Seat belt warning system (interlock) or rear window, driving lights and oil pressure warning relay |
| 14 | Window lift or seat belt warning system relay |
| 15 | Headlight washer relay |
| 16 | Control unit for idling speed increase |
| 17 | Fuse for rear foglight |
| 18 | Control unit for coolant shortage indicator |
| 19 | Thermo fuse for window lifters |
| 20 | Switch unit for heated driver's seat |
| 21 | Switch unit for heated passenger's seat |
| 22 | Switch unit for overrun cut-off |
| 23 | Vacant |
| 24 | Vacant |

Connections

- | | |
|---|--|
| A | Multi-pin connector (blue) for dash panel loom |
| B | Multi-pin connector (red) for dash panel loom |
| C | Multi-pin connector (yellow) for engine compartment loom left |
| D | Multi-pin connector (white) for engine compartment loom right |
| E | Multi-pin connector (black) for rear wiring loom |
| G | Single connector |
| H | Multi-pin connector (brown) for air conditioner or wiring loom |
| K | Multi-pin connector (transparent) for seat belt warning system loom |
| L | Multi-pin connector (black) for lighting switch terminal 56 and dip and flasher switch terminal 56b (carburettor models) or multi-pin connector (grey) for dual tone horn (injection models) |
| M | Multi-pin connector (black) for lighting switch terminal 56 and dip and flasher switch terminal 56b (injection models) |
| N | Single connector for separate fuse (manifold heater element) |
| P | Single connector (terminal 30) |
| R | Not in use |

Relays are symbolised as a number in a black box

Not all relays are fitted to all models

Fuse colours

Blue	5A
Green	30A
Red	10A
Yellow	20A

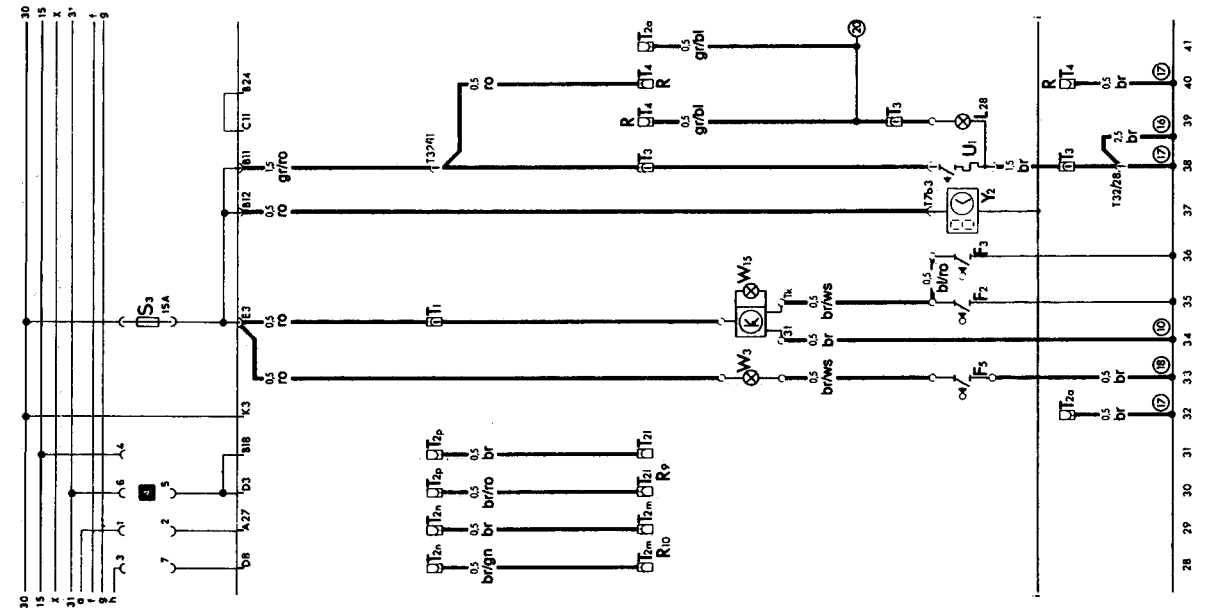


Diagram 2 Interior light, boot light, radio and cigarette lighter - 1.05, 1.3 and 1.6 models, pre July 1987

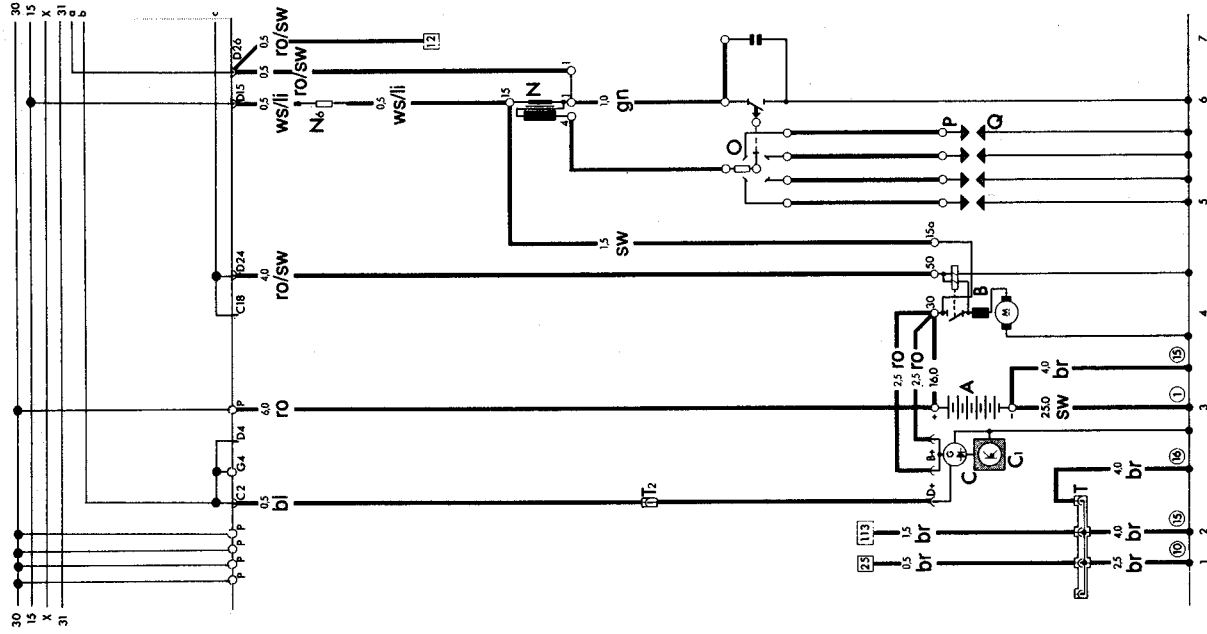


Diagram 1 Starter, alternator, battery and ignition system - 1.05, 1.3 and 1.6 models, pre July 1987

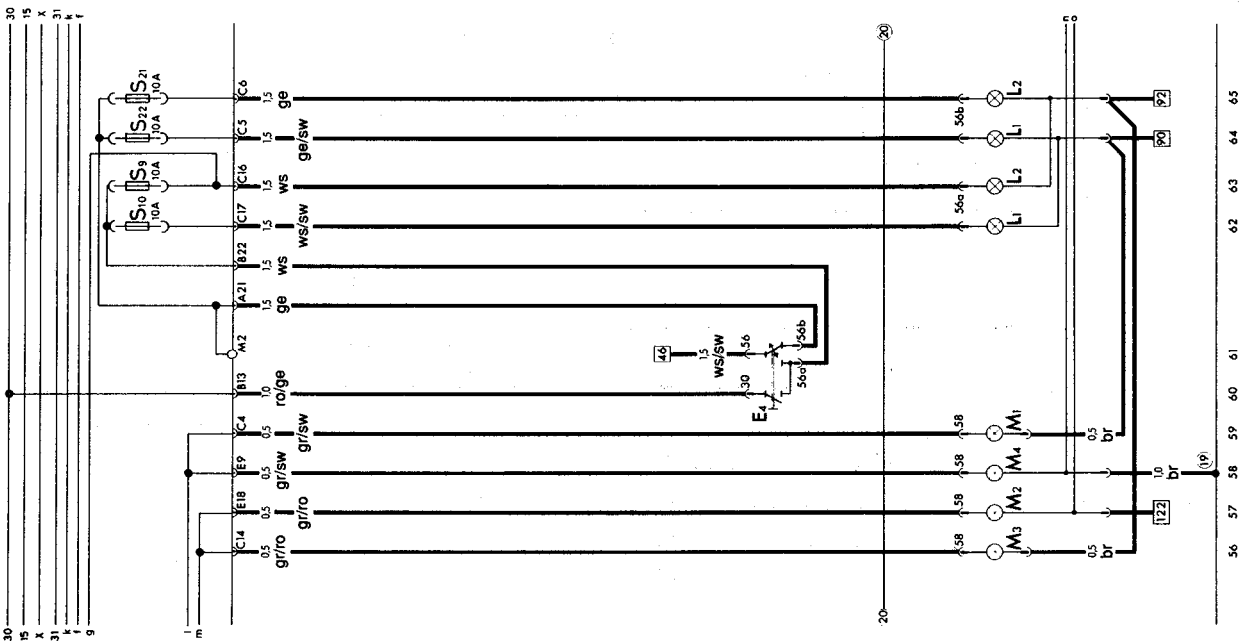


Diagram 4 Headlights, tail lights and dip/flasher headlight switch - 1.05, 1.3 and 1.6 models, pre July 1987

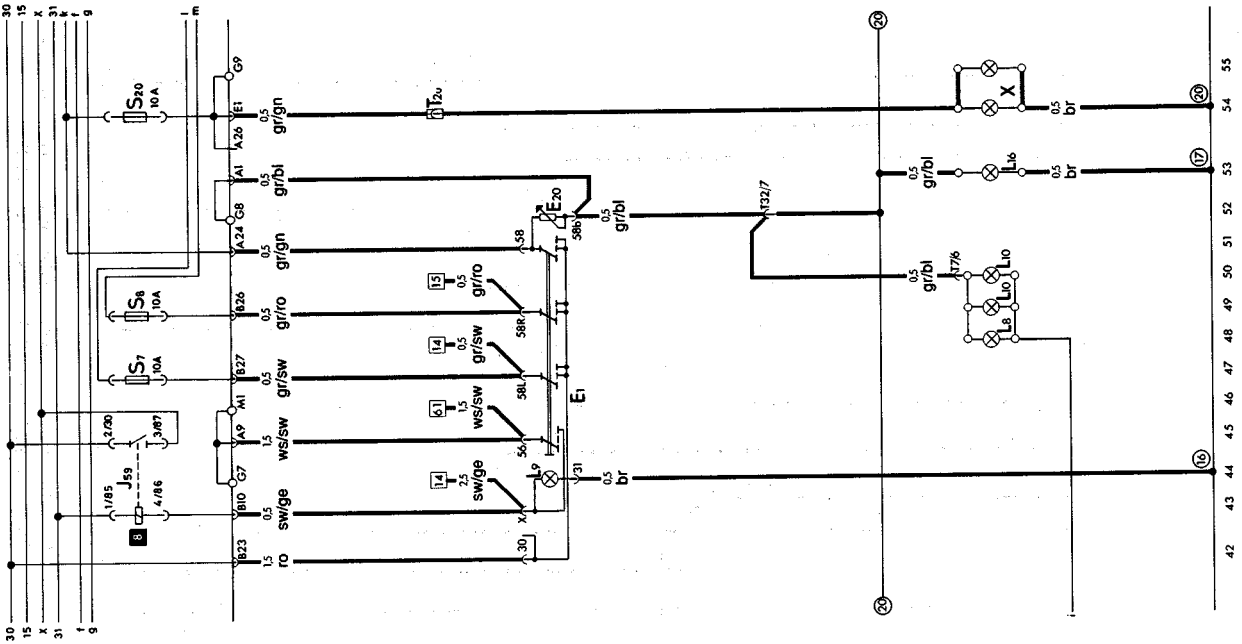


Diagram 3 Lighting switch, instrument and dash insert lights - 1.05, 1.3 and 1.5 models, pre July 1987

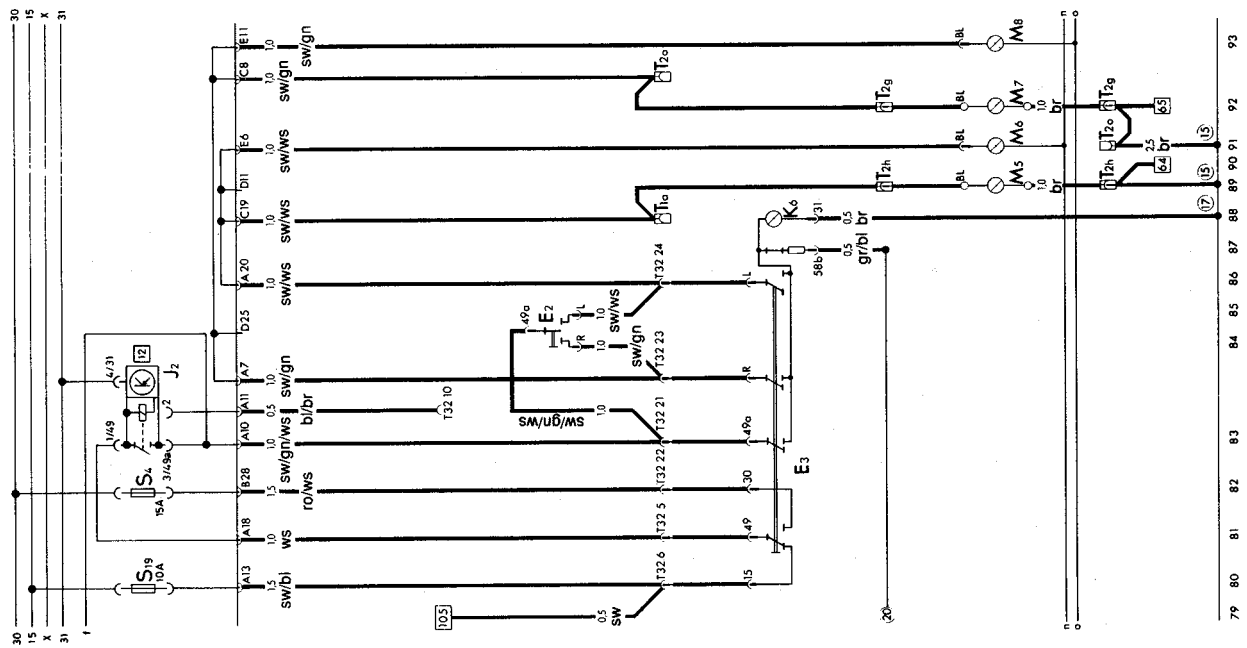


Diagram 6 Indicators and hazard warning lights -
1.05, 1.3 and 1.6 models, pre July 1987

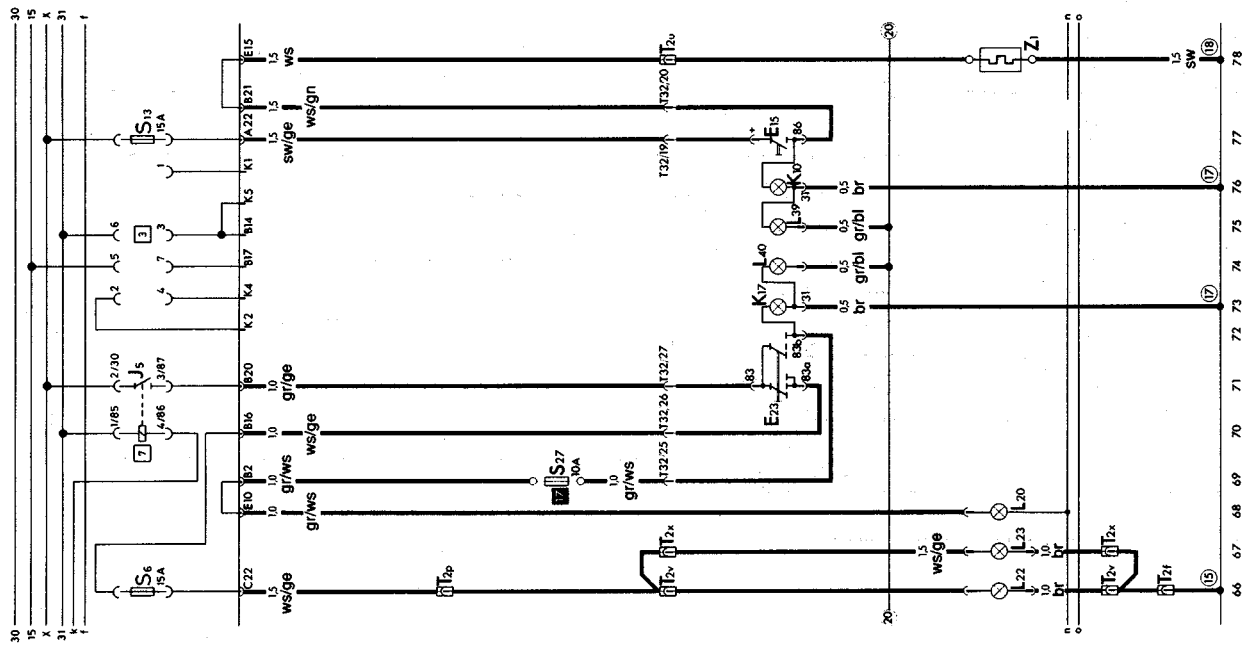


Diagram 5 Foglights, rear foglights and heated rear window -
1.05, 1.3 and 1.6 models, pre July 1987



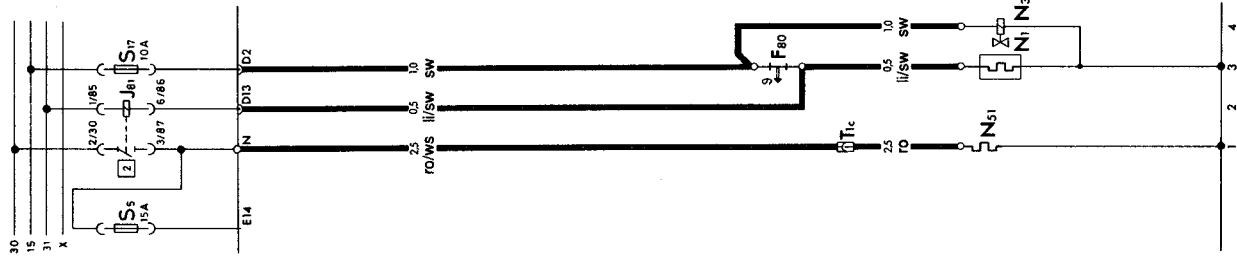


Diagram 11 Intake manifold preheater and automatic choke - 1.3 models, pre July 1986

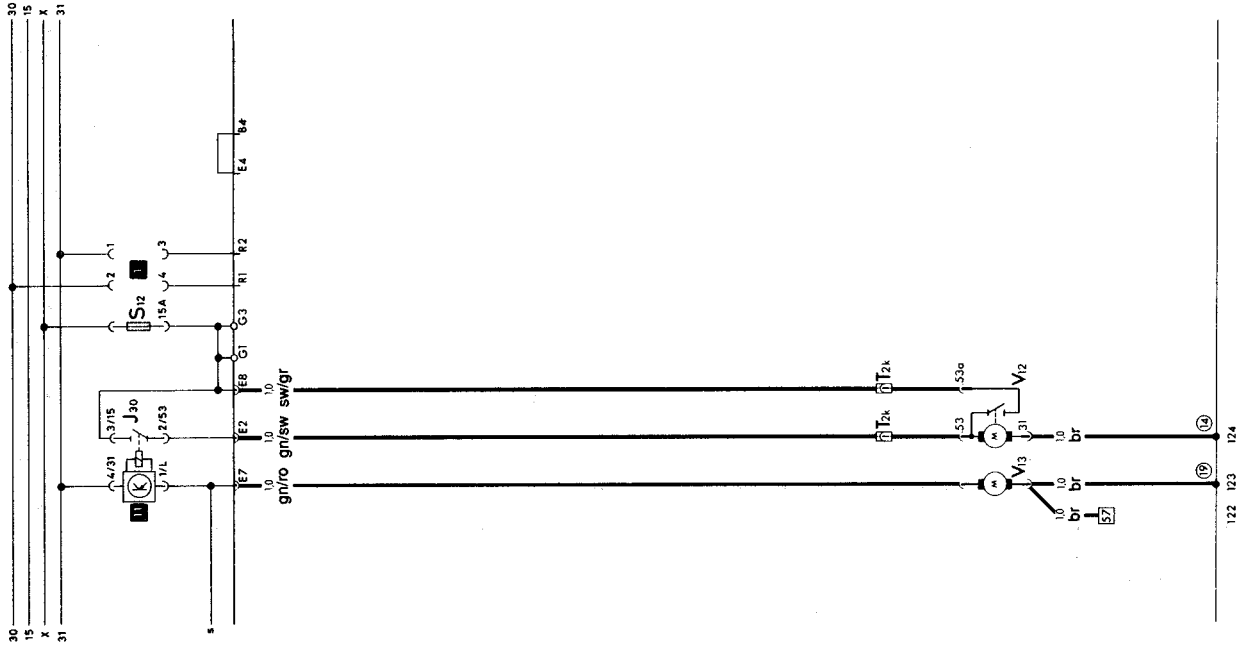


Diagram 10 Rear wiper and washer - 1.05, 1.3 and 1.6 models, pre December 1985

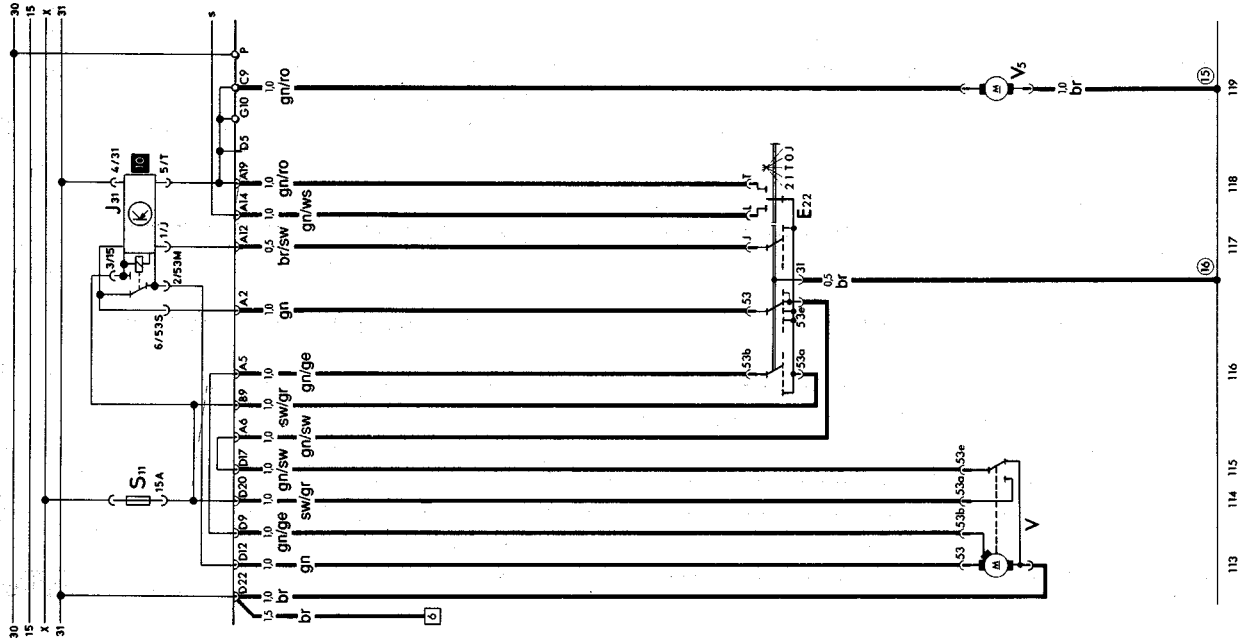


Diagram 9 Windscreen wiper and washer - 1.05, 1.3 and 1.6 models. Golf, pre December 1985. Jetta pre July 1987

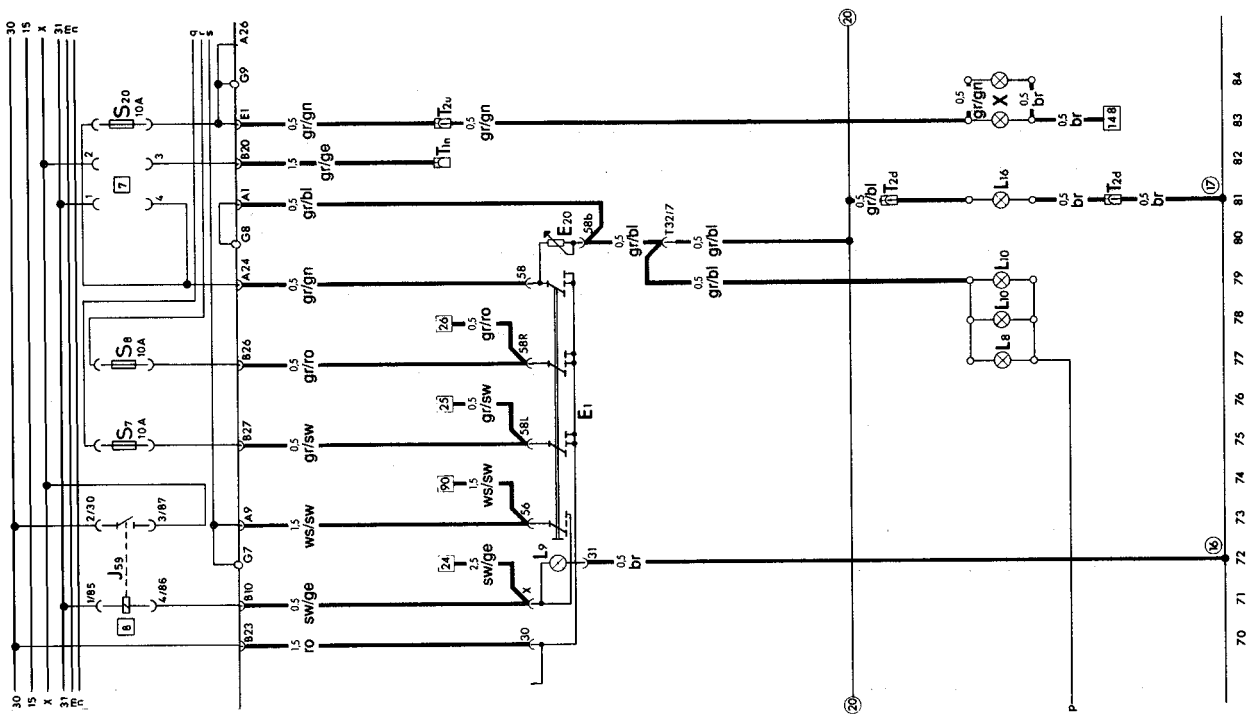


Diagram 13 Lighting switch, instrument and dash lights -
1.8 models, pre July 1987

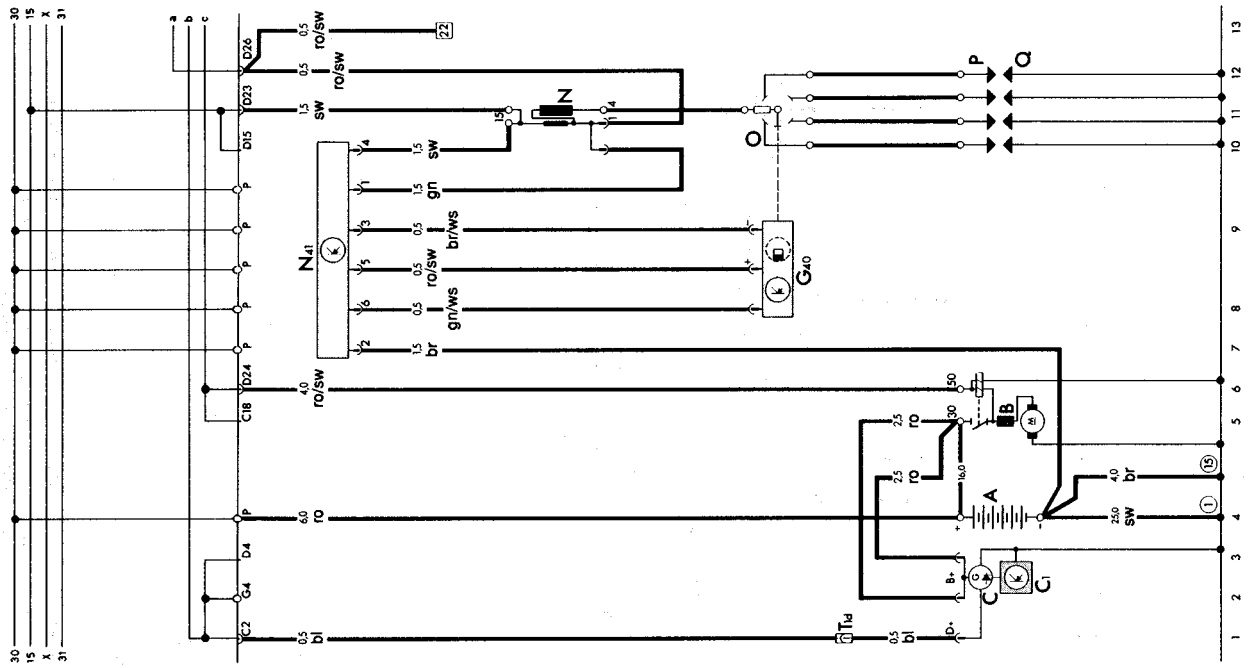


Diagram 12 Starter, alternator, battery and ignition system -
1.8 models with carburettor

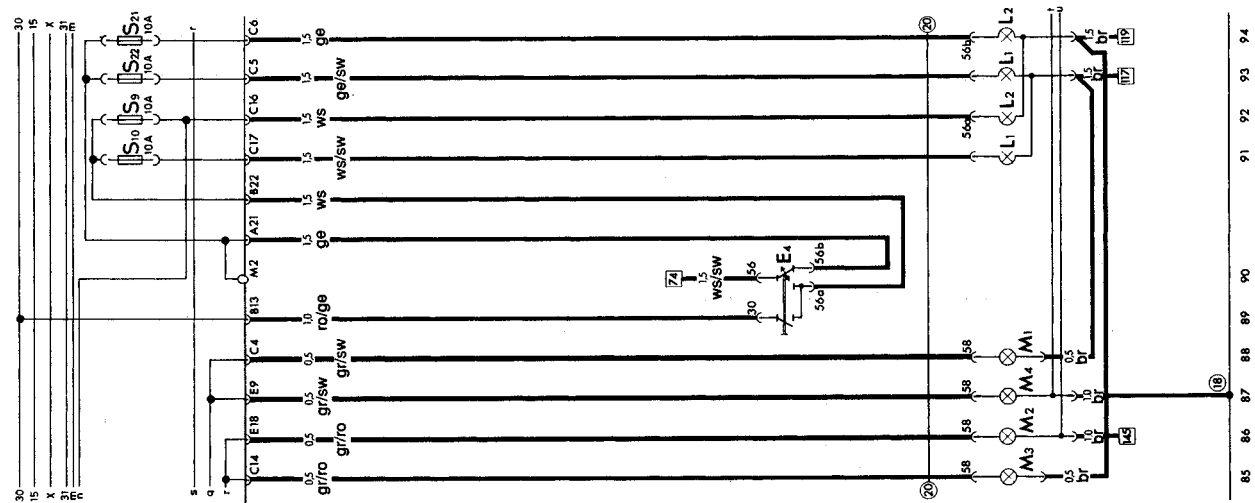


Diagram 14 Headlights, tail lights and dip flasher switch -
1.8 models, pre July 1987

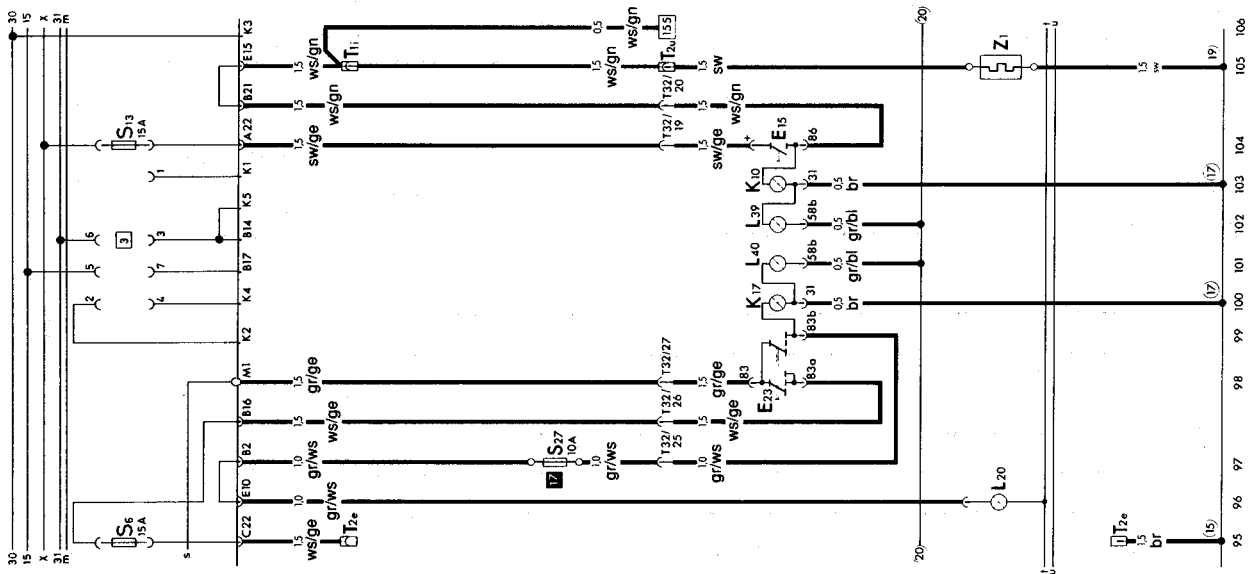


Diagram 15 Rear foglight and heated rear window -
1.8 models, pre July 1987

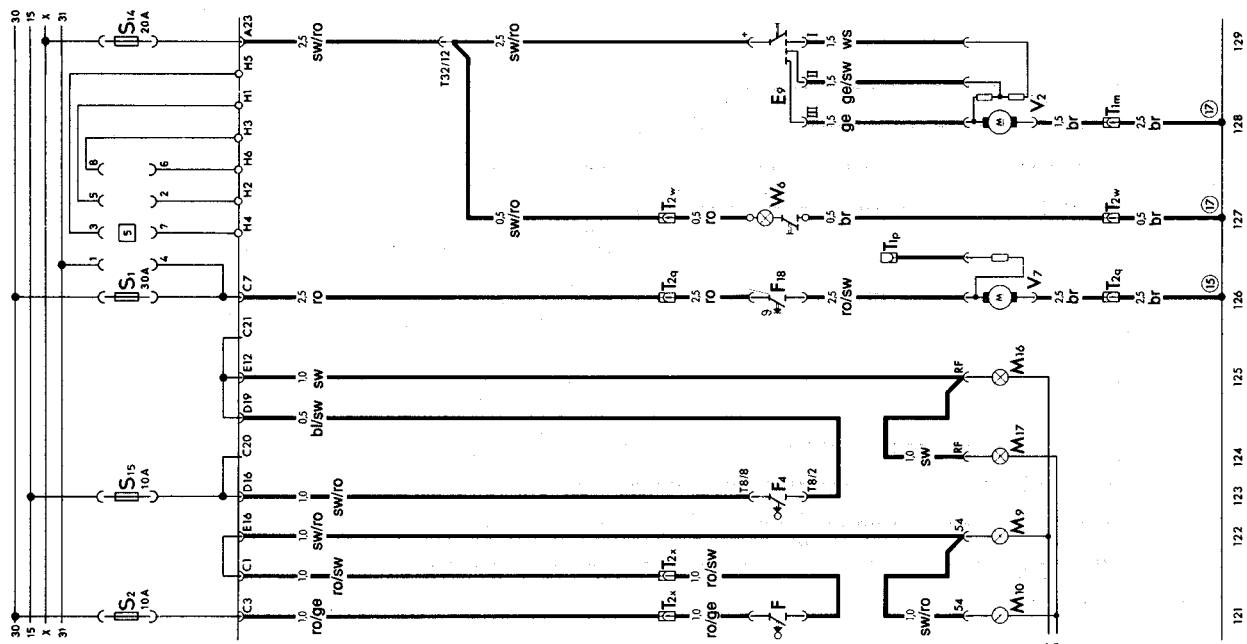


Diagram 17 Brake lights, fresh air blower, reversing lights and radiator fan - 1.8 models, pre July 1987

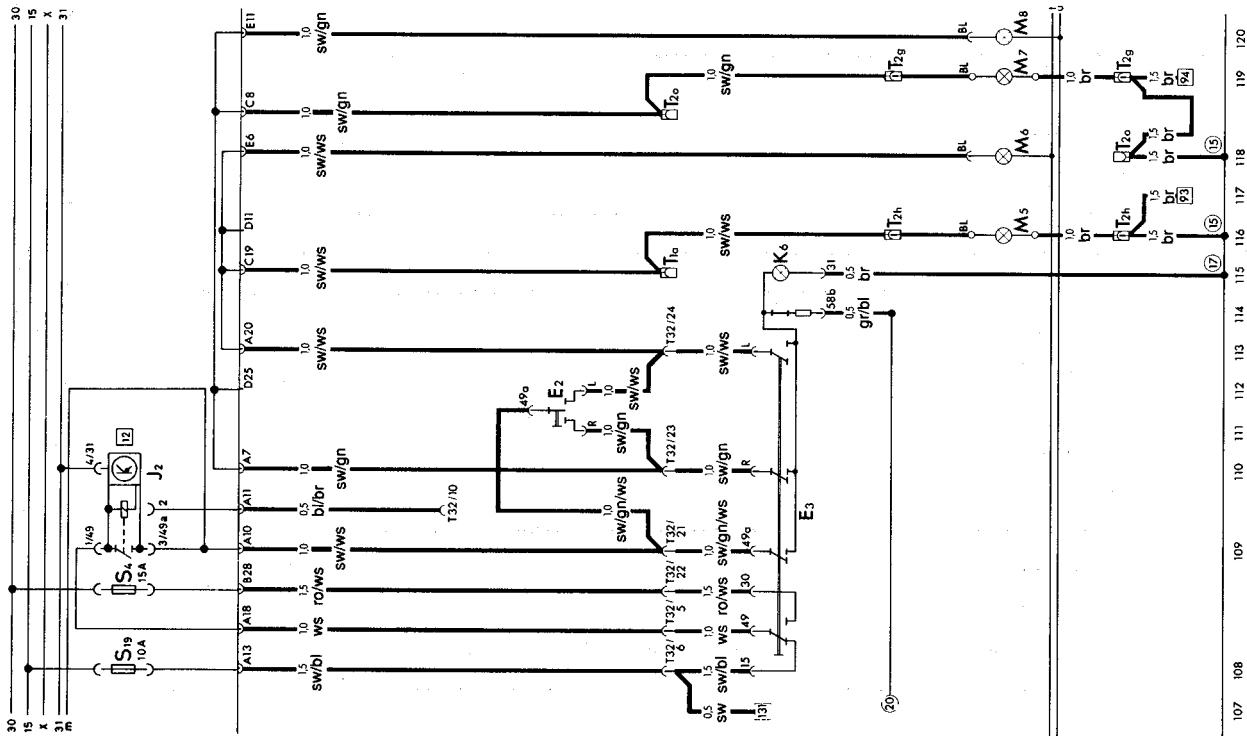


Diagram 16 Indicators and hazard warning lights - 1.8 models, pre July 1987

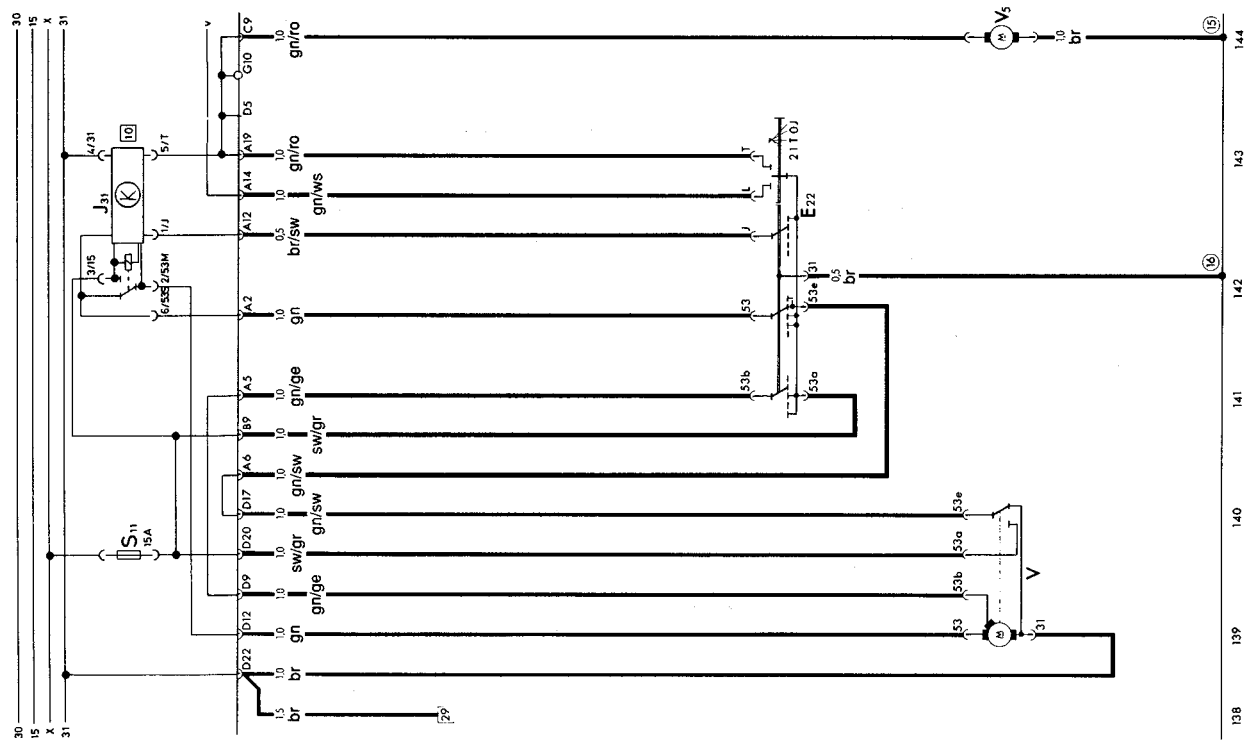


Diagram 19 Windscreen wiper and washer -
1.8 models, pre July 1987

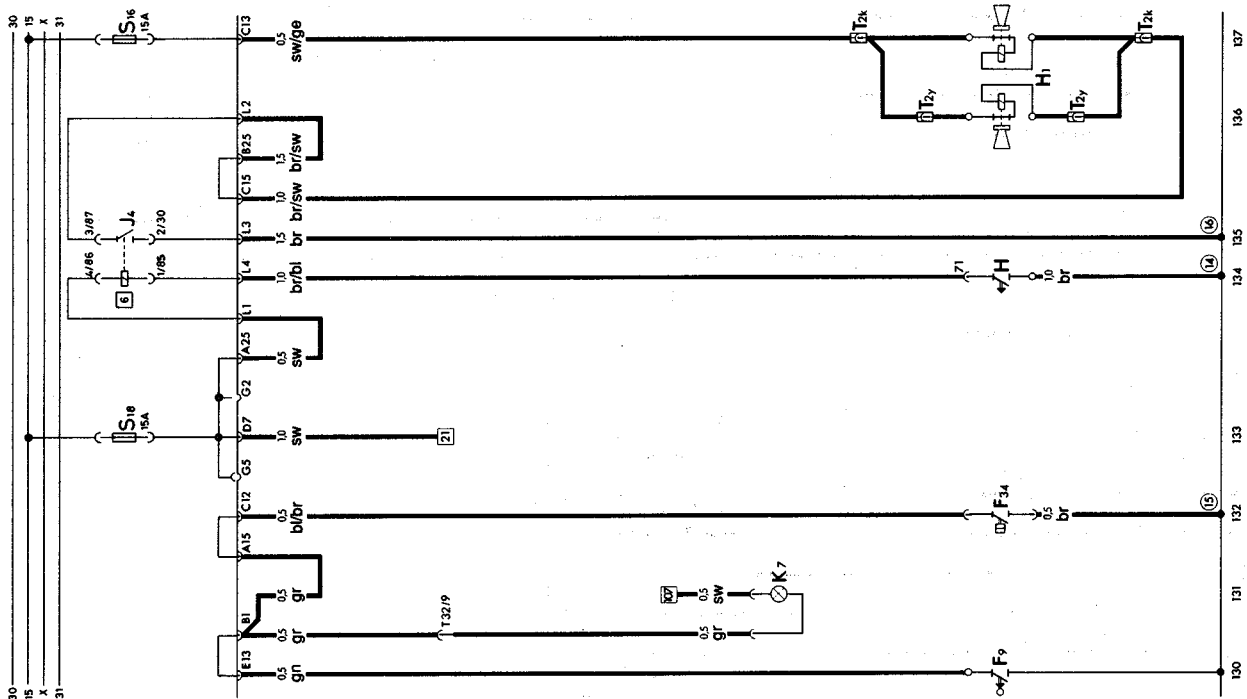


Diagram 18 Dual tone horn, handbrake and brake fluid warning -
1.8 models, pre July 1987

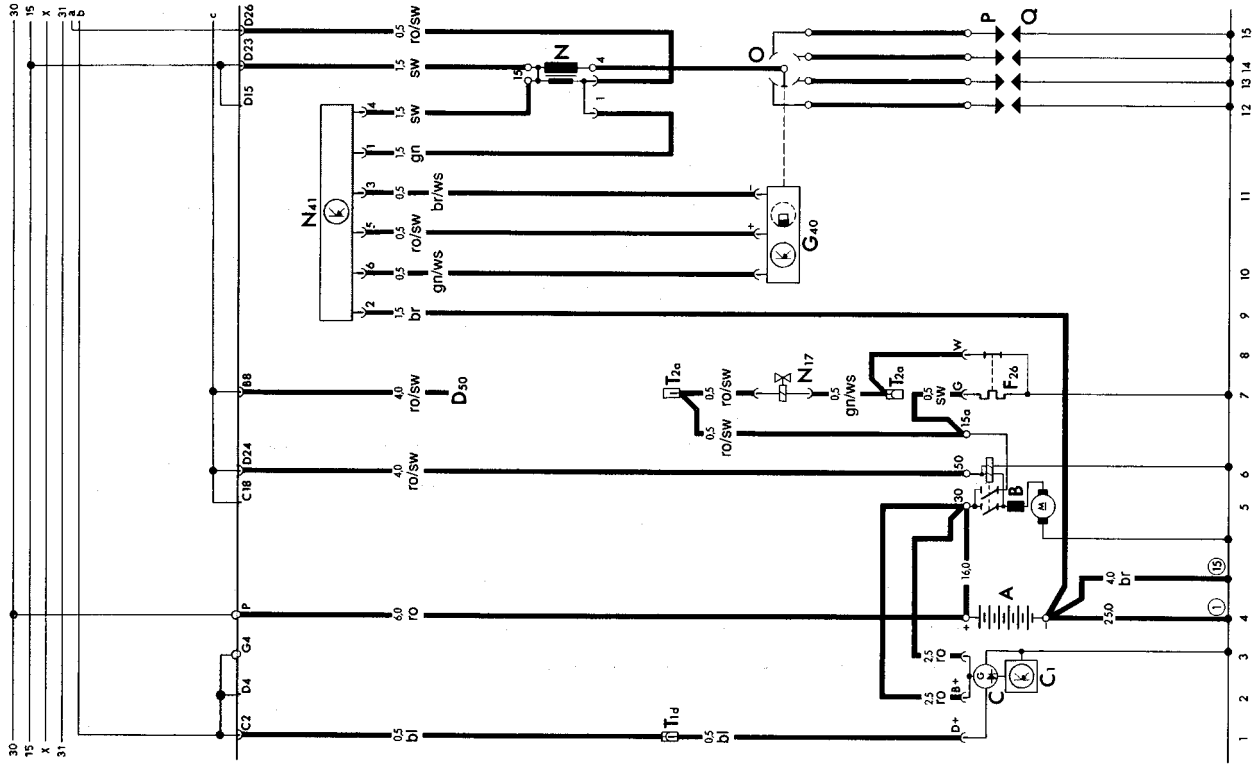


Diagram 21 Electric windows - 1.8 models with carburettor, pre July 1987

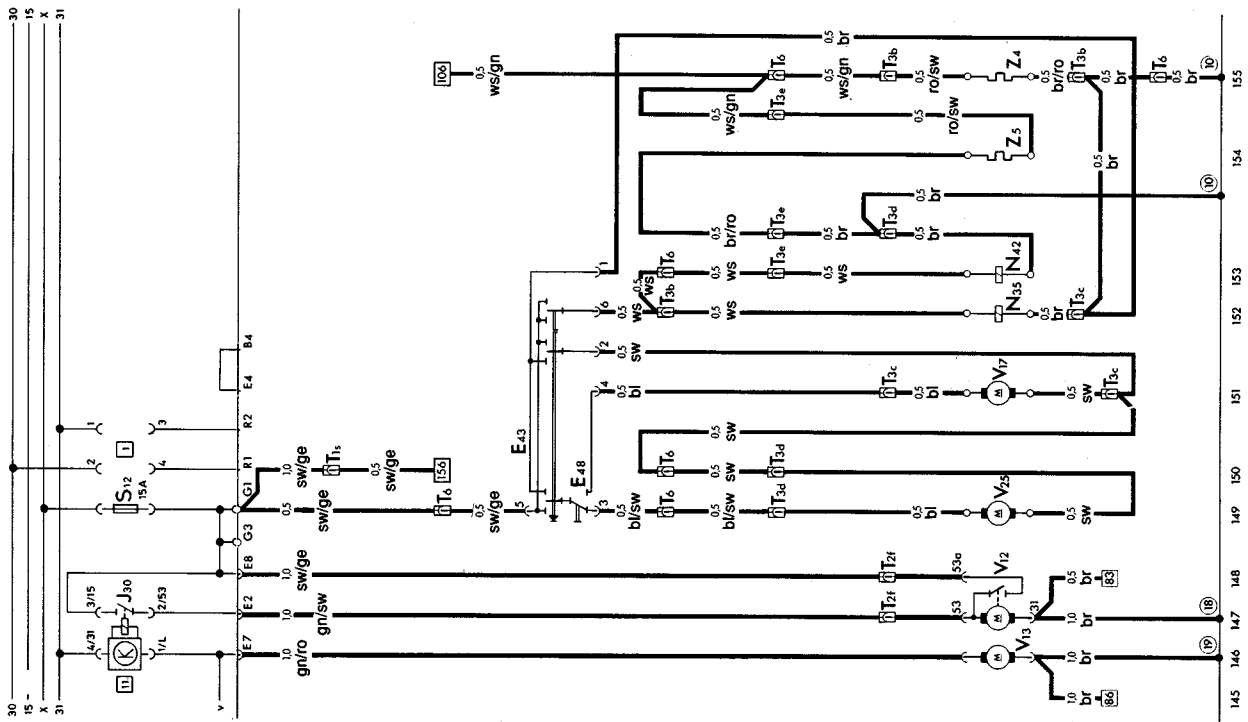
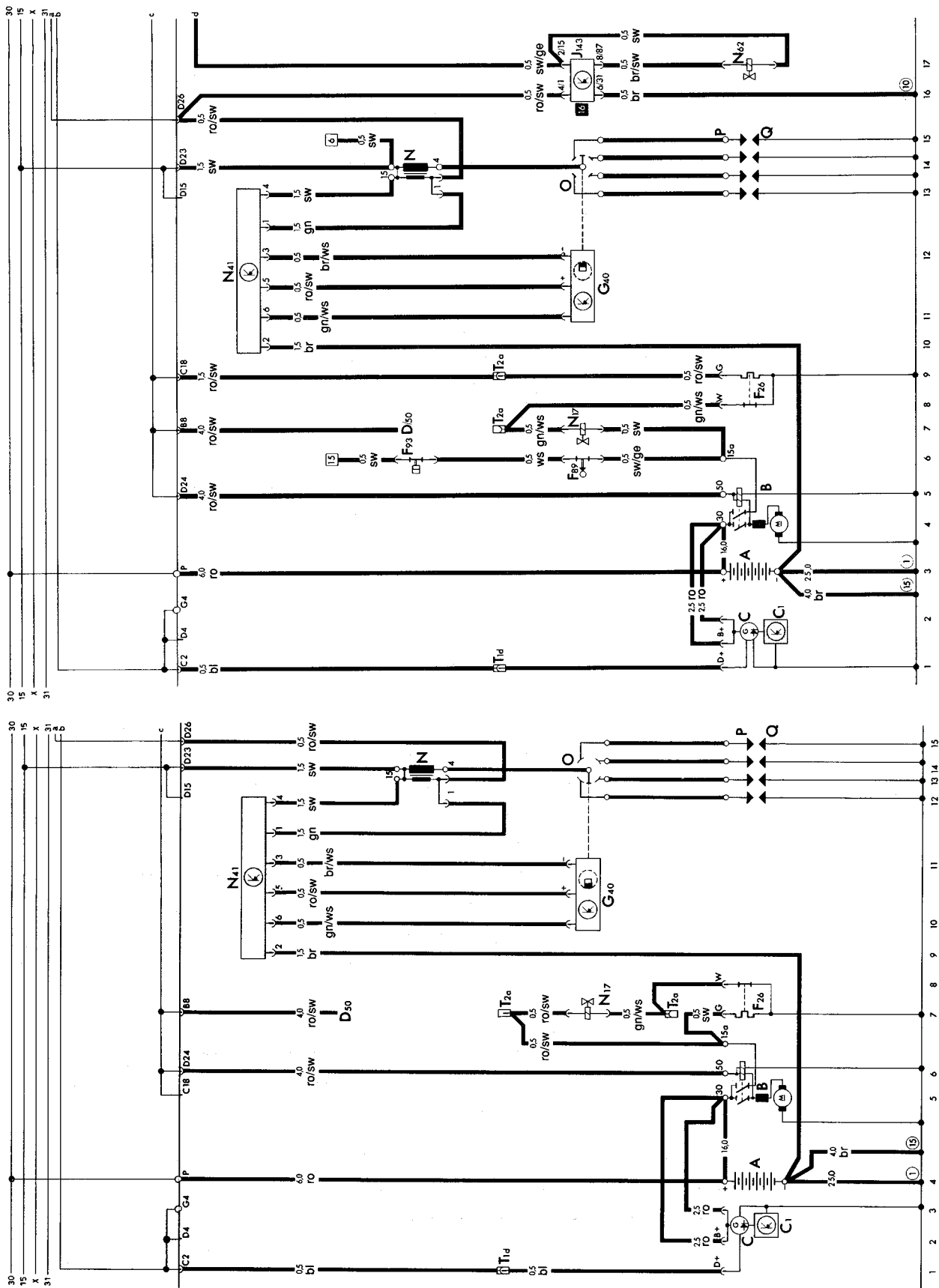


Diagram 20 Electrically-controlled heated outside mirror and rear wiper and washer - 1.8 models, pre December 1985



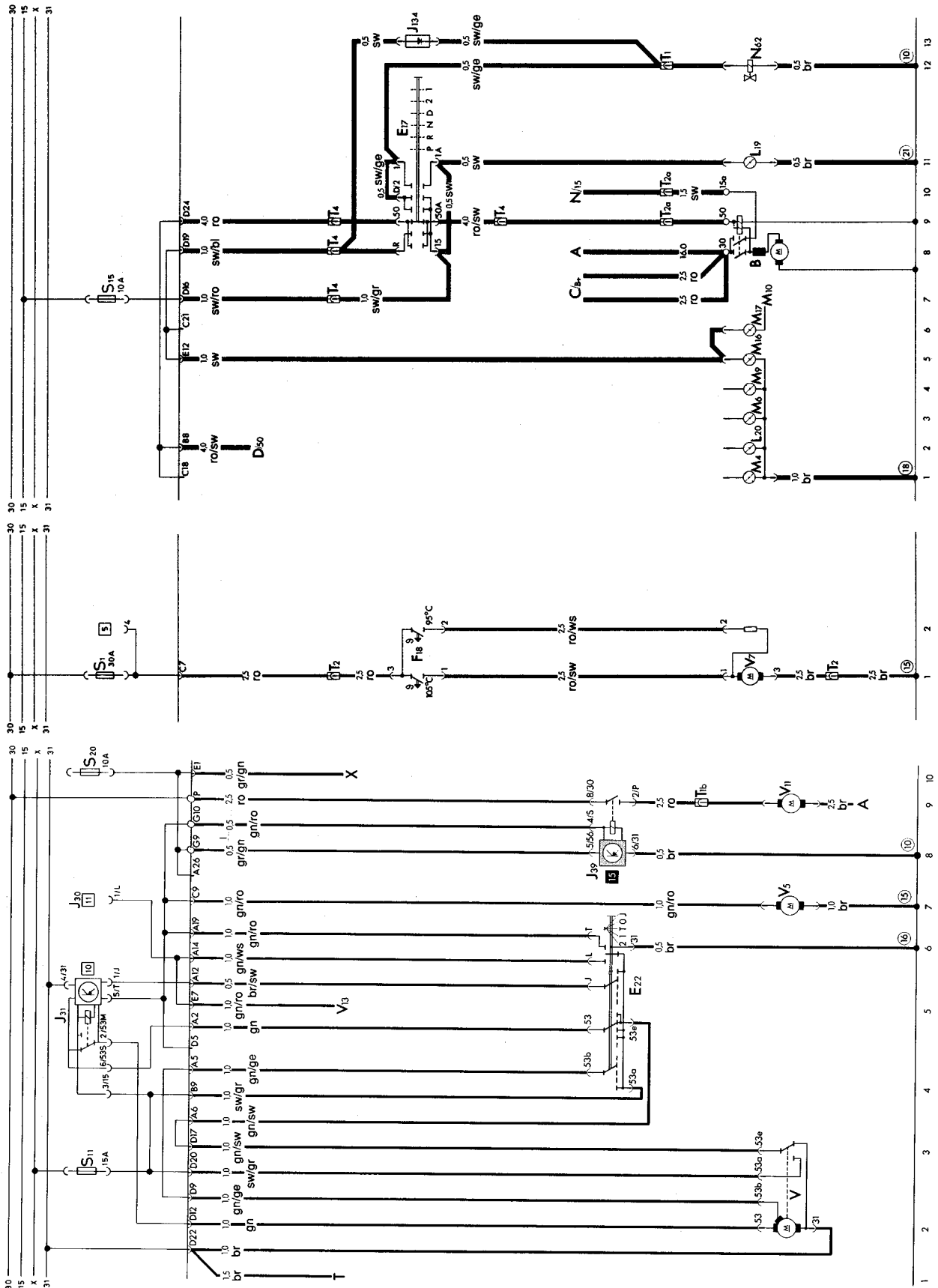


Diagram 26 Automatic transmission - 1.6 models

Diagram 25 250W radiator fan - 1.6 and 1.8 models

Diagram 24 Headlight washer - all models

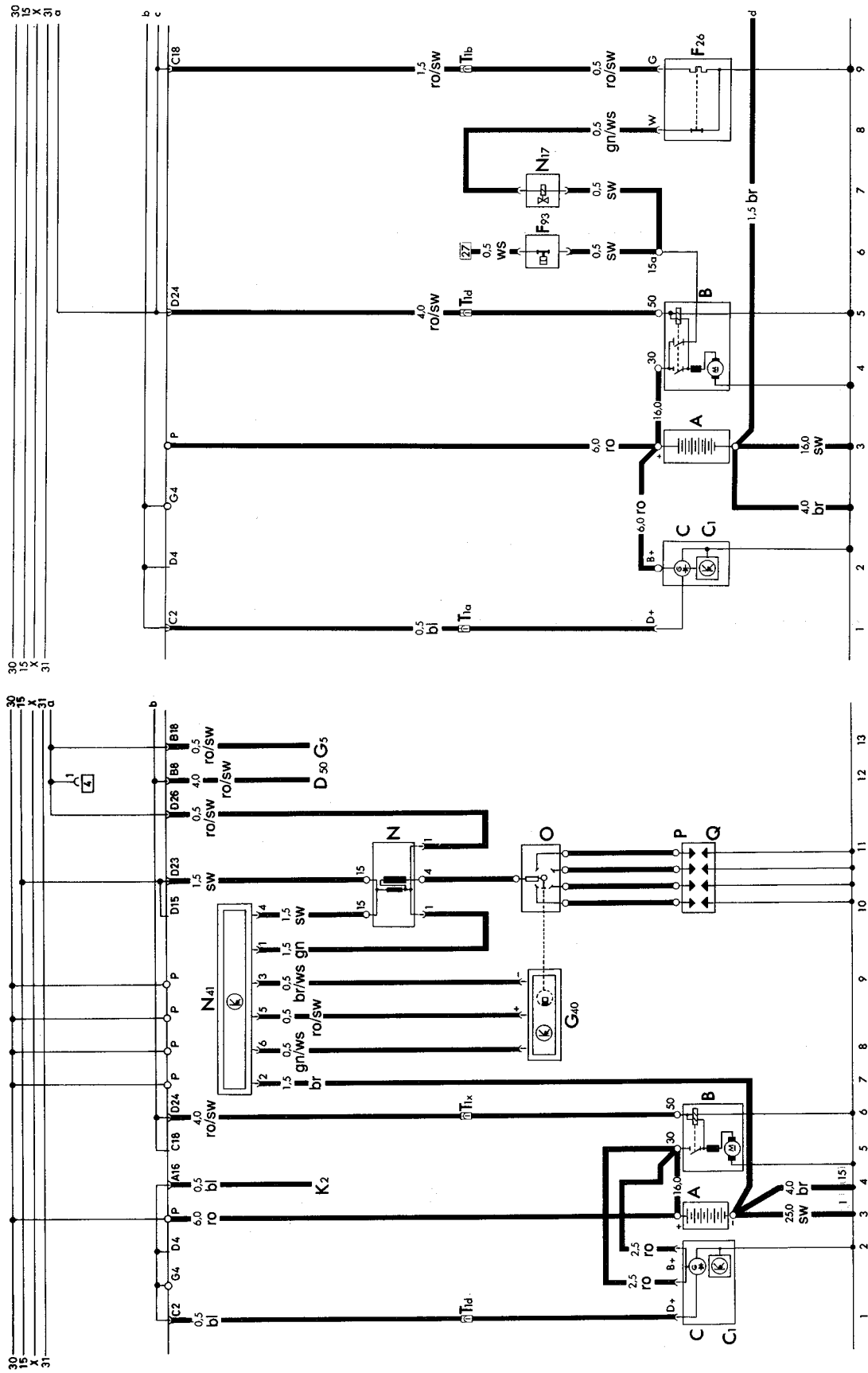


Diagram 27 Starter, alternator, battery and ignition system -
1.3 models, from August 1985

Diagram 28 Starter, alternator and battery -
1.8 16v models

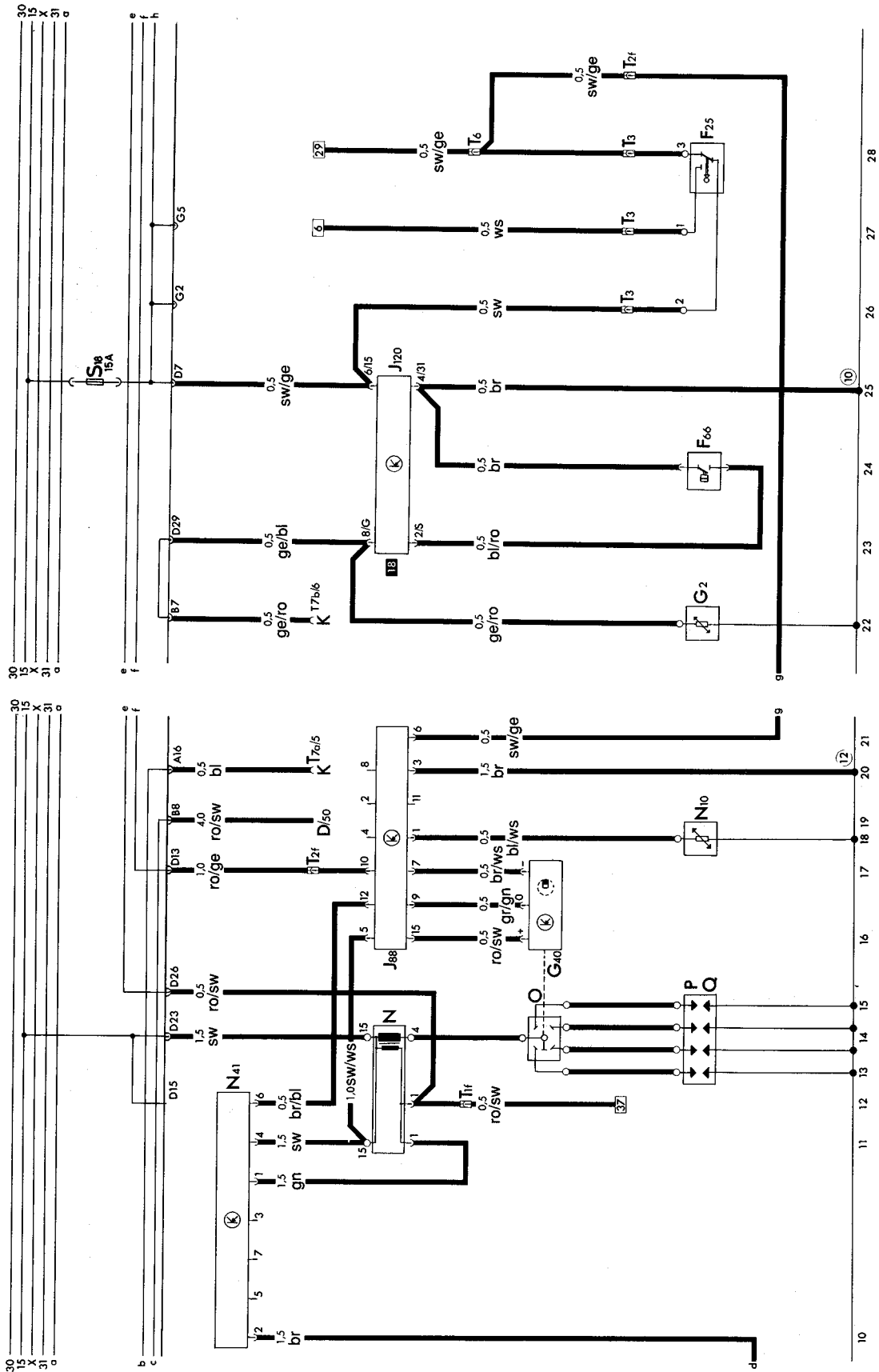


Diagram 30 Low coolant level warning -
1.8 16v models

Diagram 29 Ignition system -
1.8 16v models

