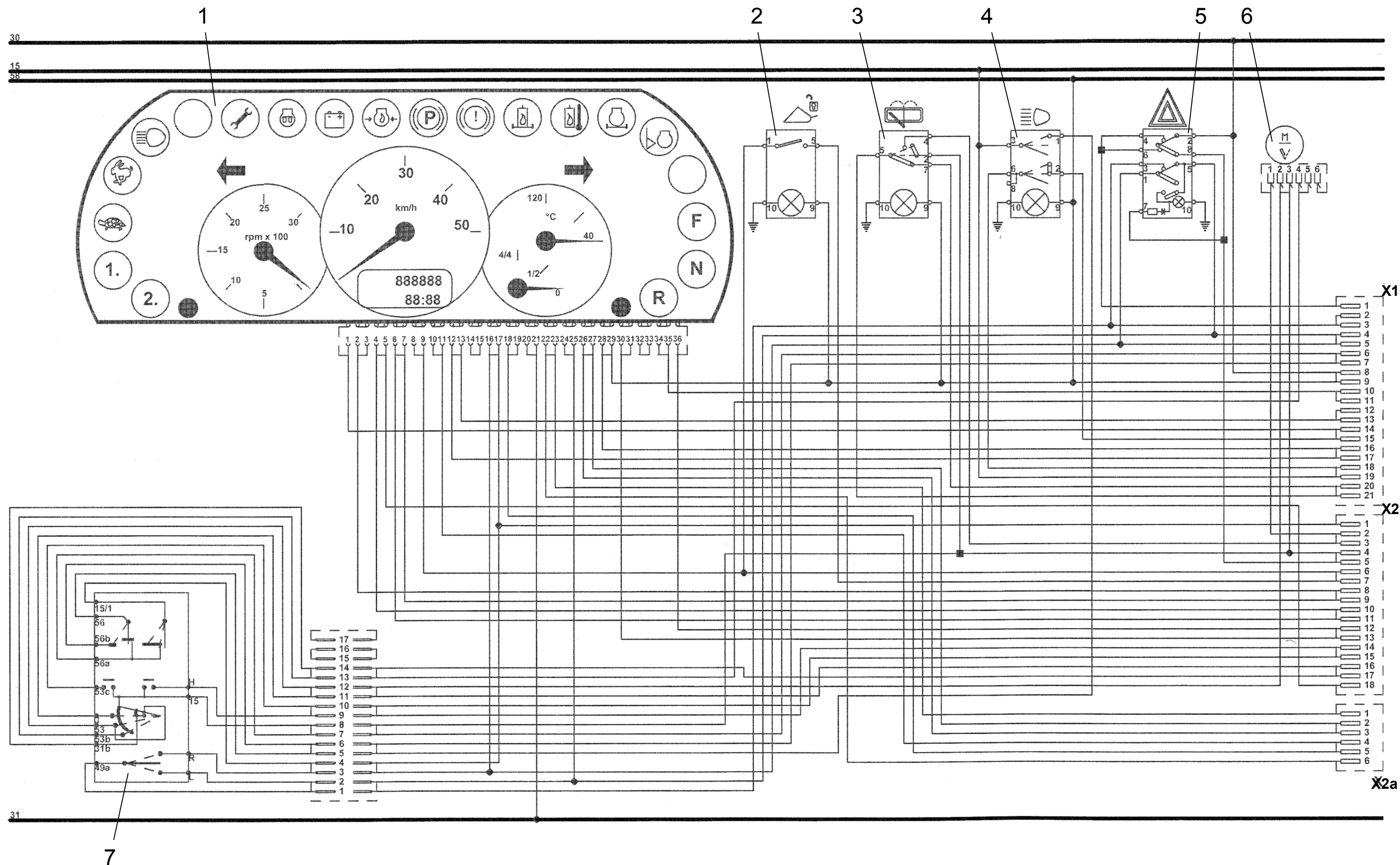
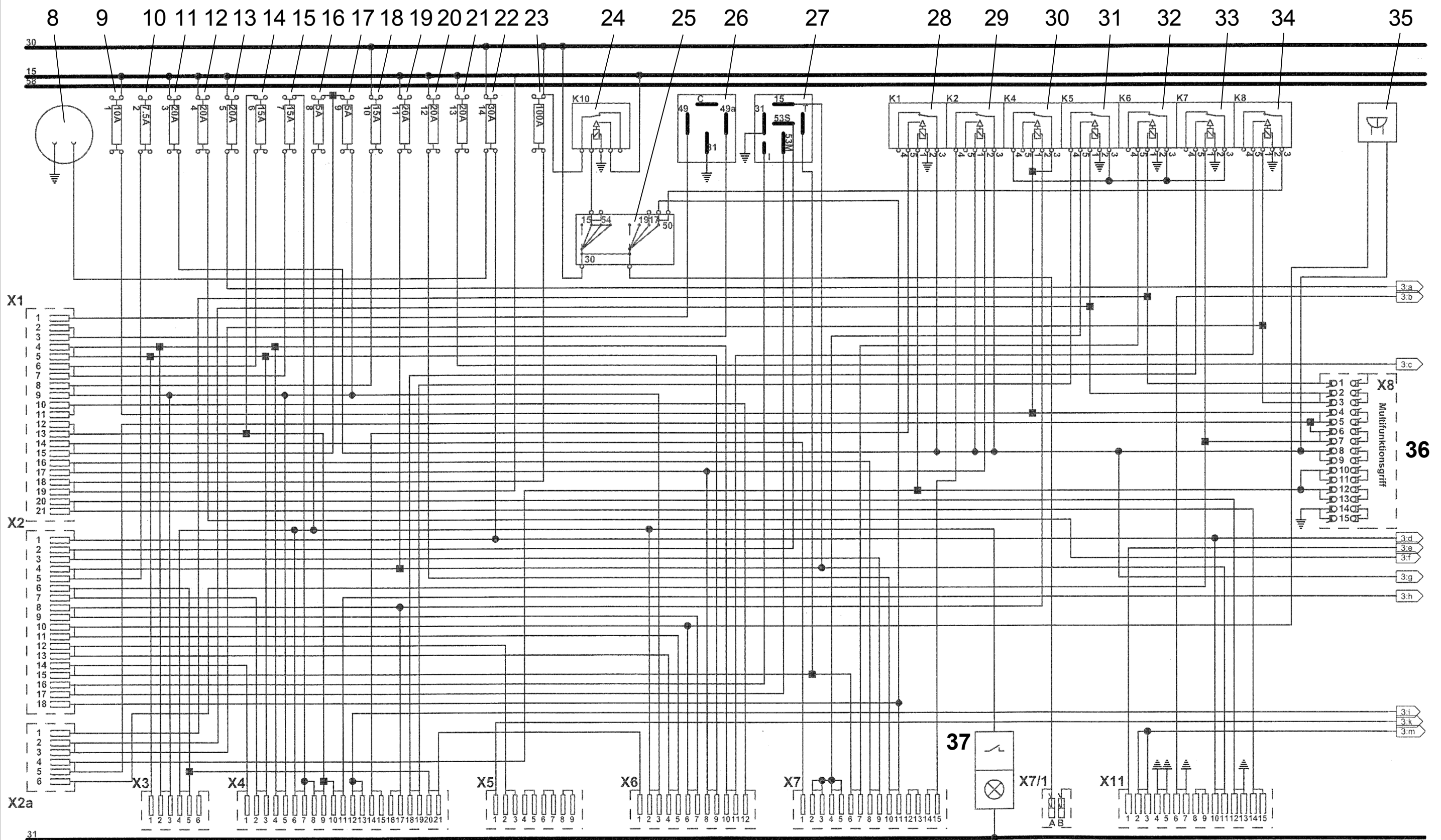


Circuit diagrams

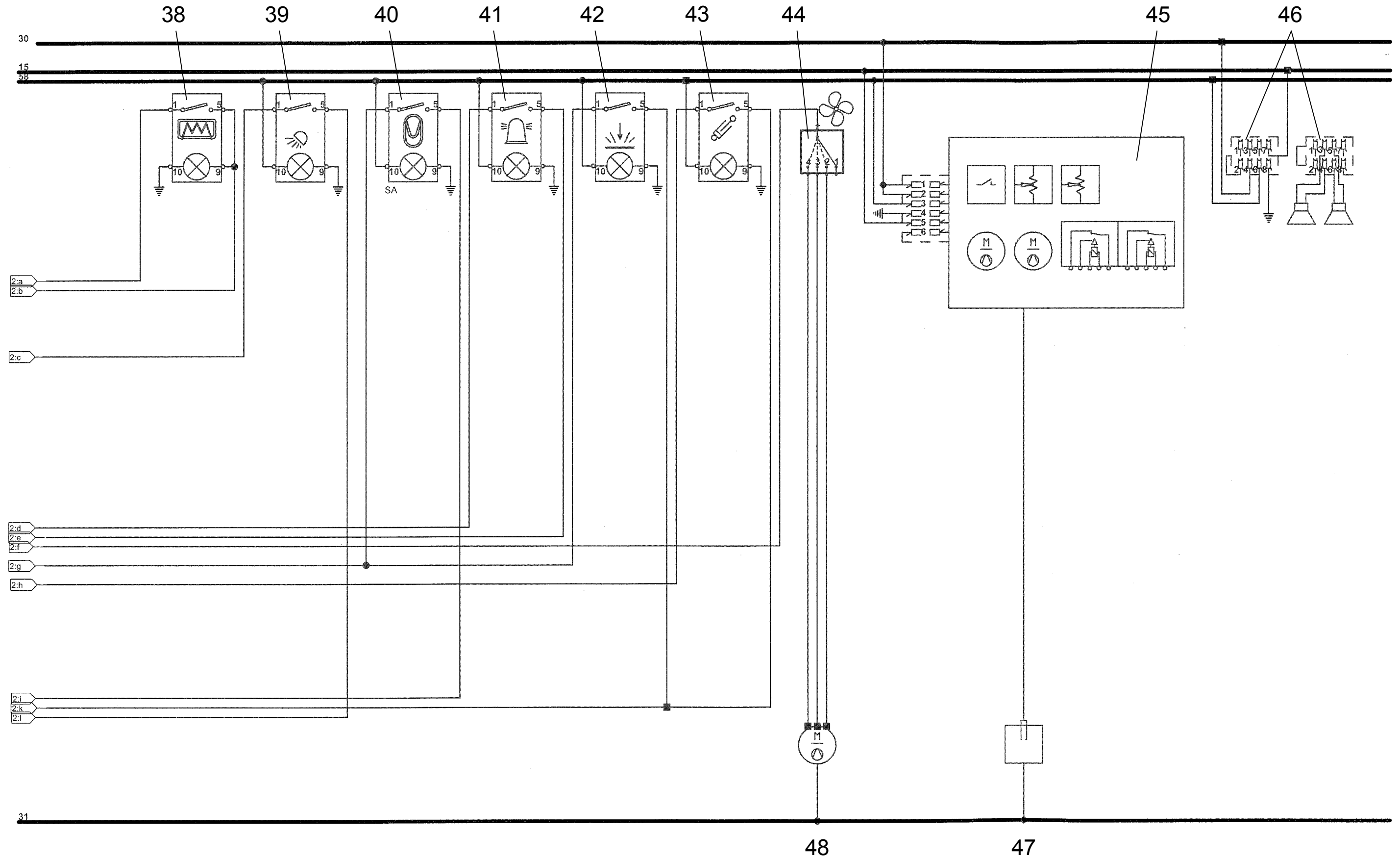
**10.1 - 04.2007 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/EI-oversigt/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/EI-kopplingsschema/Esquema de circuitos eléctricos**



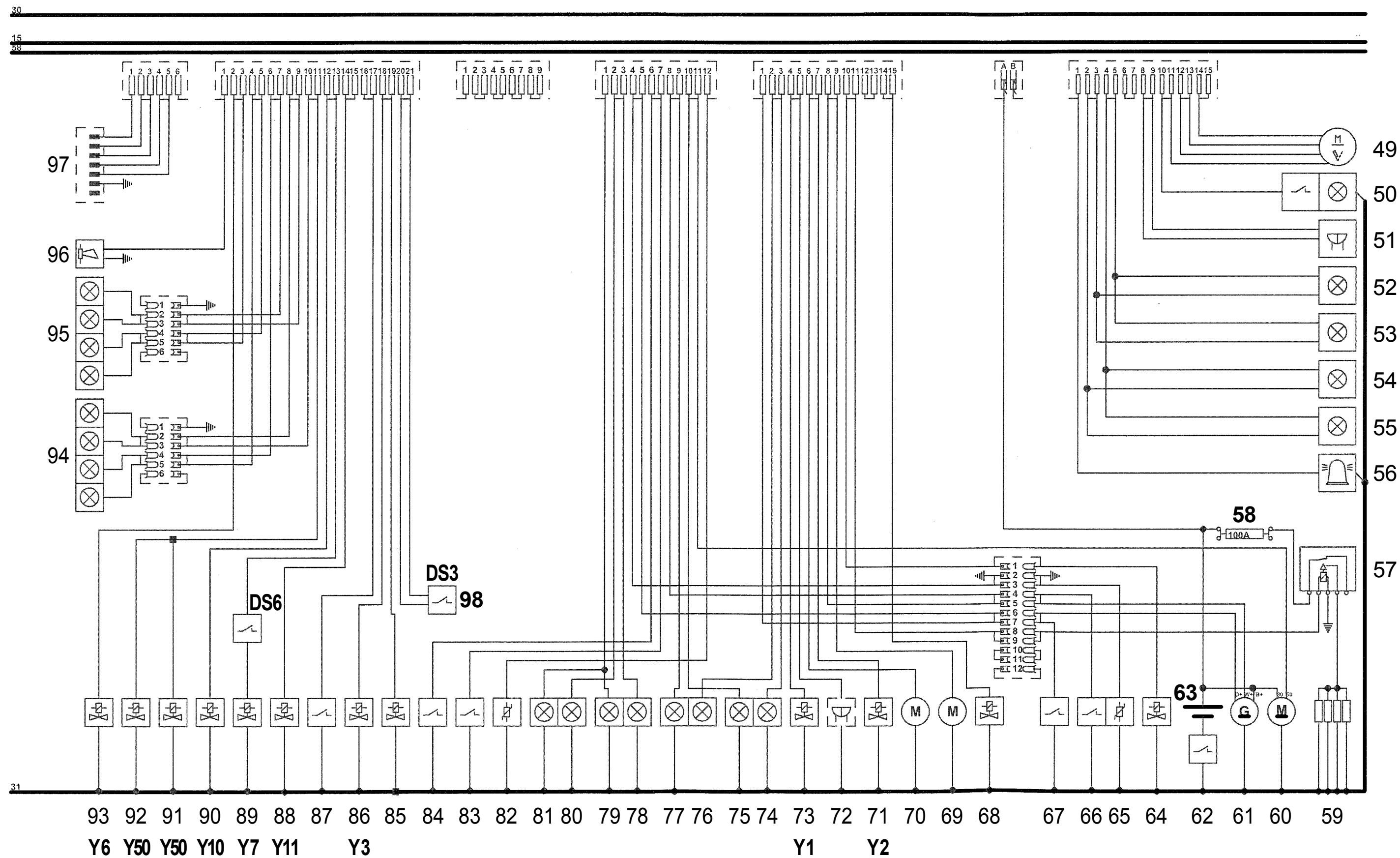
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Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/EI-kopplingsschema/Esquema de circuitos eléctricos**



**10.1 - 04.2007 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/EI-oversigt/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/EI-kopplingsschema/Esquema de circuitos eléctricos**



**10.1 - 04.2007 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/El-oversigt/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/El-kopplingsschema/Esquema de circuitos eléctricos**



10.1 Electric circuit diagram**Item Designation**

- 01 Multifunction panel
- 02 Actuator: release of quick-change device
- 03 Actuator: rear window wiper/washer
- 04 Actuator: road lights
- 05 Actuator: Hazard flasher
- 06 Windshield wiper motor, front
- 07 Steering column switch

Item Designation

08	2-pole socket
09	Fuse (traction drive)
10	Fuse (turn signal)
11	Fuse (hydraulics/brake light)
12	Fuse (heater)
13	Fuse (rear window heater)
14	Fuse (high beam)
15	Fuse (low beam)
16	Fuse (parking light, left)
17	Fuse (parking light, right)
18	Fuse (hazard flasher)
19	Fuse (windshield wiper/washer)
20	Fuse (engine shut-off)
21	Fuse (working light)
22	Fuse (beacon light)
23	Maxi fuse (100 A)
24	Maxi relay (power supply)
25	Start switch
26	Turn signal relay
27	Interval timer
28	Relay for differential lock
29	Relay, fan control
30	Traction drive cut-out relay
31	Relay for power adaptation: reverse
32	Relay for power adaptation: forward
33	Relay Alpha max.
34	Starter interlock relay
35	Acoustic buzzer, hydraulic oil temperature
36	Multifunction lever
37	Lighting, central electrics

Item Designation

- 38 Actuator: Rear window heater
- 39 Actuator: working lights
- 40 Actuator: lifting device suspension (option)
- 41 Actuator: Warning beacon (opt.)
- 42 Actuator: Permanent auxiliary hydraulics (opt.)
- 43 Actuator: Pipe break protection (option)
- 44 Actuator: fan/blower
- 45 Air-conditioning system (option)
- 46 Radio (option)
- 47 Coupling, air condition compressor
- 48 Heater fan motor

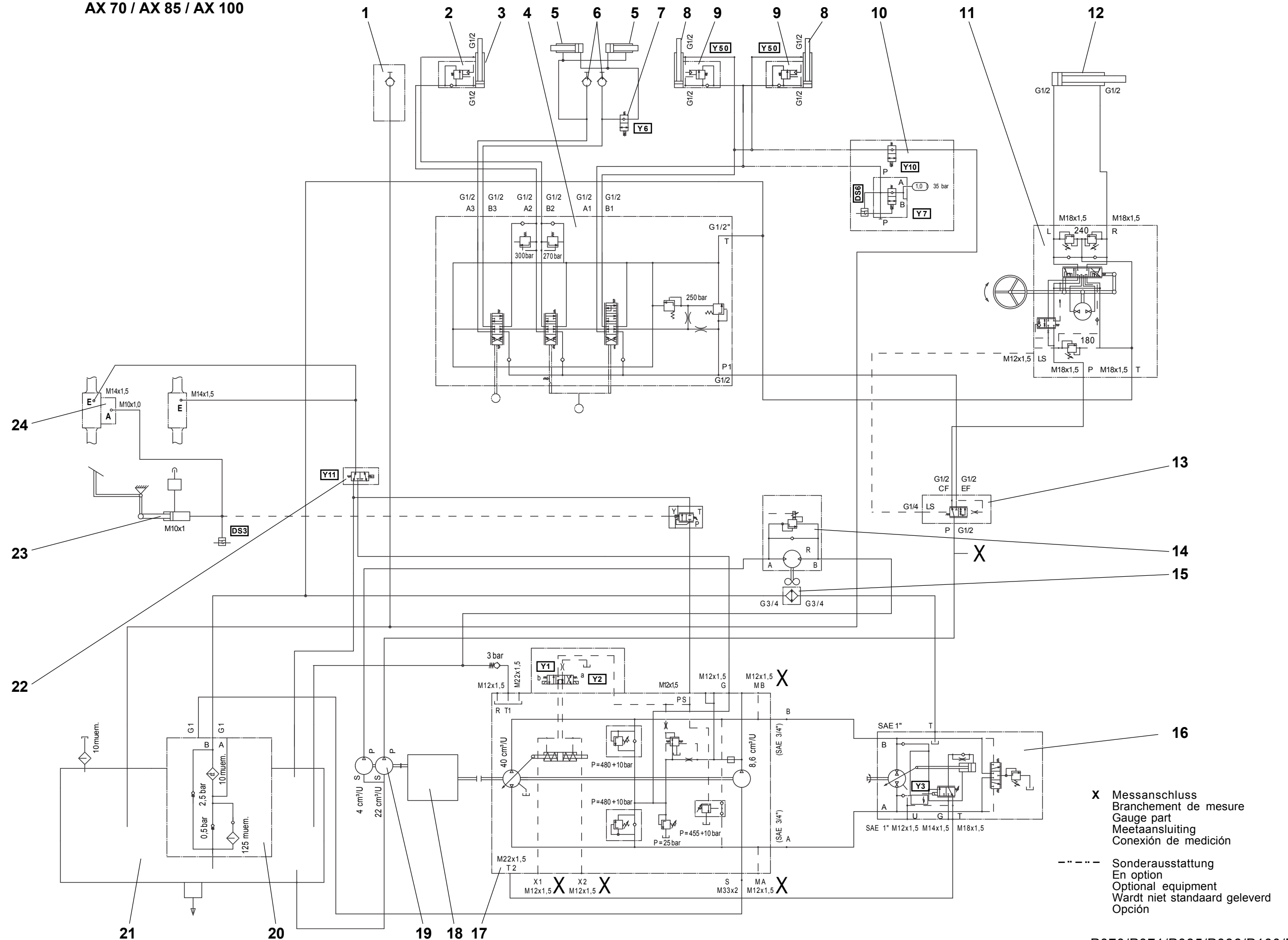
Item Designation

49	Wiper motor, rear
50	Interior lighting
51	Reversing buzzer
52	Working lights, rear (option)
53	Working lights, rear (option)
54	Working lights, front
55	Working lights, front
56	Warning beacon (opt.)
57	Relay, glow plugs
58	Maxi fuse (glow plugs)
59	Glow plugs
60	Starter
61	Alternator
62	Battery main switch (option)
63	Battery
64	Engine shut-off valve
65	Coolant temperature pickup
66	Coolant temperature switch
67	Oil pressure switch
68	Valve, fan control
69	Window washer motor, rear
70	Windshield washer motor, front
71	Valve, forward drive direction
72	Reversing buzzer
73	Valve, reverse drive direction
74	Reversing light, left
75	Turn signal, rear left
76	Reversing light, right
77	Turn signal, rear right
78	Brake light, right
79	Tail light, right
80	Brake light, left
81	Tail light, left
82	Dip pipe sensor
83	Switch: Hydraulic oil filter (option)
84	Switch: hydraulic oil temperature
85	Direction detection valve
86	Alpha max. valve
87	Switch: Parking brake
88	Differential lock valve
89	Memory valve, lifting device suspension switch (option)
90	Reservoir valve, lifting device suspension (option)
91	Valve, pipe break protection
92	Valve, pipe break protection
93	Quick-change device release valve
94	Driving light, left
95	Driving light, right
96	Signal horn
97	7-pole socket (option)
98	Brake light switch



NOTE

The bold numbers next to the item numbers in the electric circuit diagram are cross-references to the respective part in the hydraulic diagram.



10.2 Hydraulic circuit diagram

Item Designation

- 01 Unpressurised return line (option)
- 02 Pipe break protection, tip cylinder (option)
- 03 Tip cylinder:
 - AX 70, AX 85 - DW 90/50/424/1480
 - AX 100 - DW 100/50/424/1480
- 04 3-way valve
- 05 Locking cylinder DW 40/25/50/167
- 06 Auxiliary hydraulics
- 07 Valve, quick change device lock
- 08 Lift cylinder
 - AX 70 - DW 70/40/600/876
 - AX 85 - DW 80/40/600/876
 - AX 100 - DW 90/45/600/876
- 09 Pipe break protection, lift cylinder (option)
- 10 lifting device suspension (option)
- 11 Steering unit, 320/160 cm³/rev.
- 12 Steering cylinder DW 80/35/295/585
- 13 Priority valve
- 14 Fan motor
- 15 Hydraulic oil cooler
- 16 Drive motor:
 - AX 70/20 km/h and AX 85/20 km/h: - A6VM 80 HA
 - AX 70/30 km/h, AX 85/30 km/h, AX 100 - A6VM 107 HA
- 17 Drive pump A4VG 40 DA
- 18 Drive engine:
 - AX 70, AX 85 - John Deere 4024TF270 / 45.5 kW / 2800 rpm
 - AX 100 - John Deere 4024TF270 / 49 kW / 2800 rpm
- 19 Tandem gear pump, 32/4 cm³/rev.
- 20 Combined suction and return flow filter
- 21 Hydraulic oil tank
- 22 Differential lock
- 23 Main brake cylinder
- 24 Drum brake
 - AX 70 - 20 km/h
 - AX 85 - 20 km/hDisc brake
 - AX 70 - 30 km/h
 - AX 85 - 30 km/h
 - AX 100

option = Special equipment