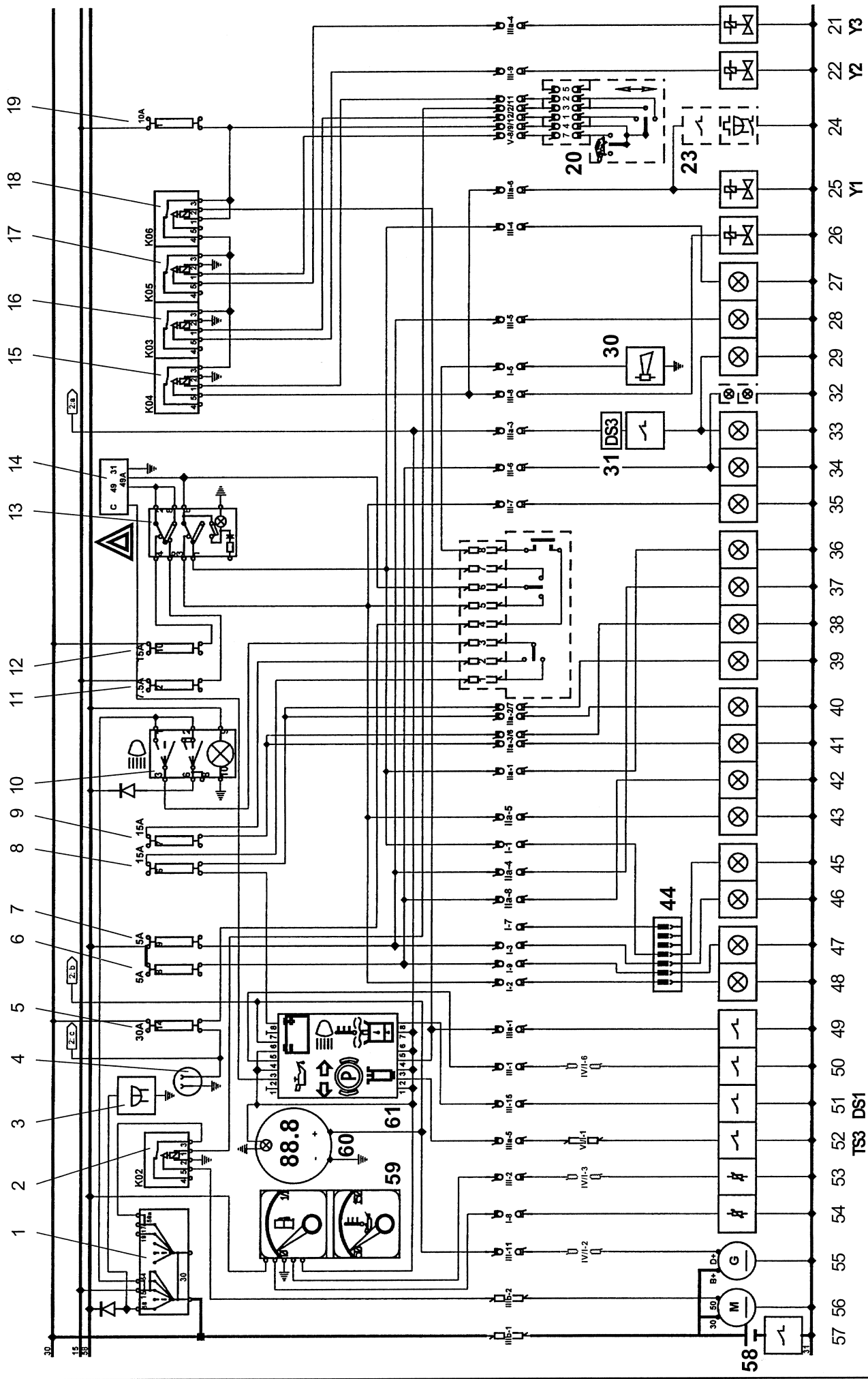


Wiring and Hydraulics



10.1 Wiring diagram

Item Designation

01	Starter switch
02	Start blocking relay
03	Acoustic warning for parking light
04	Socket on instrument panel
05	Fuse (section 2.2 item 14)
06	Fuse (section 2.2 item 8)
07	Fuse (section 2.2 item 9)
08	Fuse (section 2.2 item 6)
09	Fuse (section 2.2 item 7)
10	Switch for driving lights required by German traffic regulations
11	Fuse (section 2.2 item 2)
12	Fuse (section 2.2 item 10)
13	Hazard flasher light activation
14	Flasher transmitter
15	Relay for performance adaptation, backwards
16	Relay for performance adaptation, forwards
17	Relay for gear selector
18	Relay for performance adaptation, driving interruption
19	Fuse (section 2.2 item 1)
20	Activation of: fast/slow driving stages forwards/backwards
21	Valve, gear selector
22	Forward valve drive direction
23	Switch, reversing buzzer
24	reversing buzzer
25	Reverse valve drive direction
26	Valve, direction recognition
27	Turn indicator light, rear right
28	Rear light, right
29	Brake light, right
30	Signal horn
31	Brake light switch
32	License plate illumination, (opt.)
33	Brake light, left
34	Rear light, left
35	Turn indicator light, rear left
36	Turn indicator light, front right
37	Parking light, right
38	Dipped beam, right
39	High beam, right
40	High beam, left
41	Dipped beam, left
42	Parking light, left
43	Turn indicator light, front left
44	Socket, 7-pole

Bucket protection:

45	Turn indicator, right
46	Contour light, right
47	Contour light, left
48	Turn indicator, left
49	Switch, parking brake
50	Switch, engine oil pressure
51	Switch, hydraulic oil filter
52	Switch, hydraulic oil temperature
53	Engine oil pressure sensor
54	Immersion tube sensor
55	Generator
56	Starter motor
57	Battery main switch
58	Battery
59	Fuel display/Engine oil temperature display
60	Operating hours meter
61	Monitoring lamps



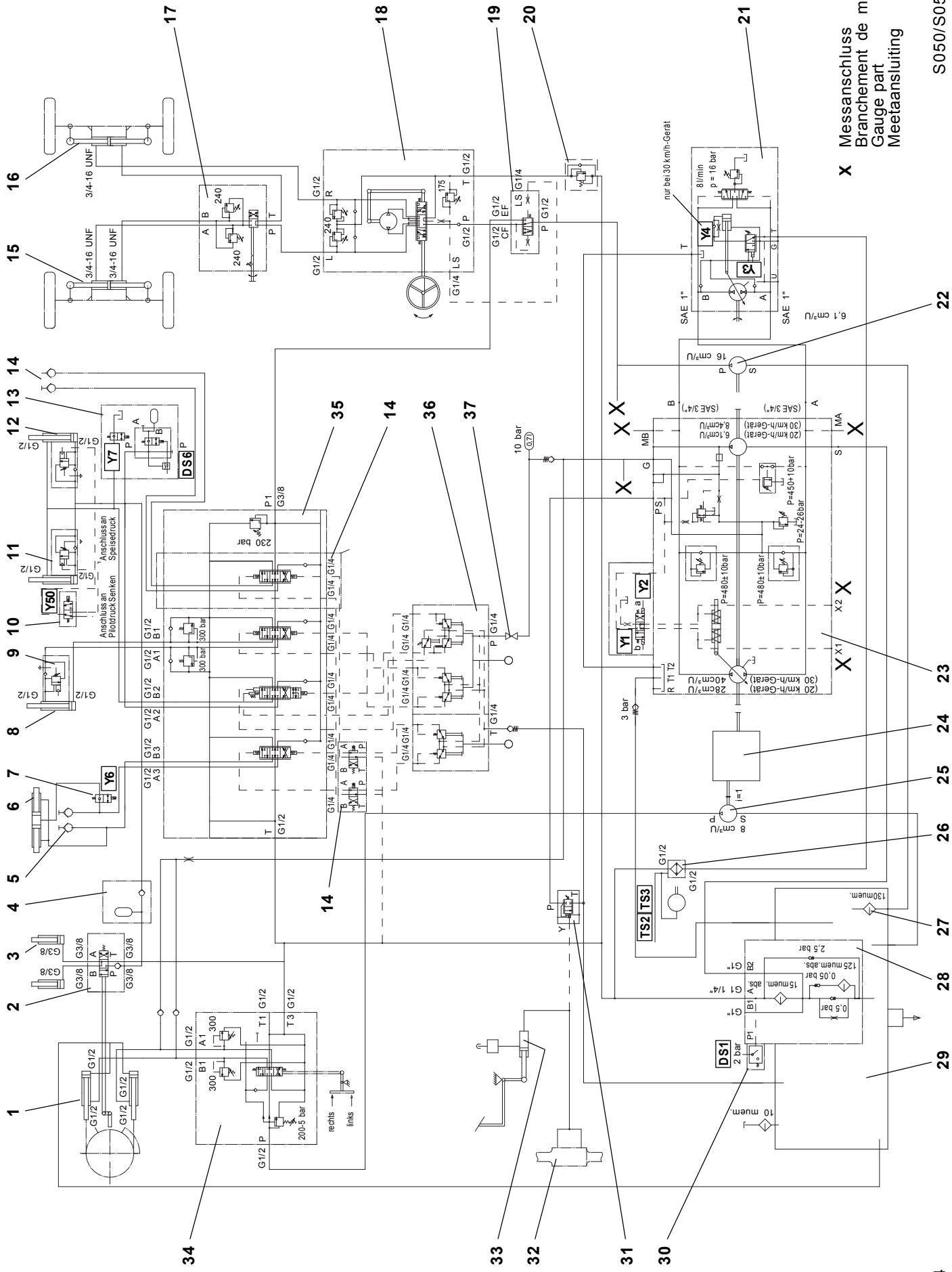
10.1 Wiring diagram

Item Designation

62	Activation of working lights
63	Fuse (section 2.2 item 13)
64	Fuse (section 2.2 item 12)
65	Activation of release for quick-change device
66	Fuse (section 2.2 item 3)
67	Activation of front interval wiper
68	Fuse (section 2.2 item 11)
69	Activation of front washer
70	Activation of rear wiper/washer
71	Activation of rear window heater
72	Fuse (section 2.2 item 5)
73	Activation of beacon light (opt.)
74	Activation of lifting mechanism suspension (opt.)
75	Fuse (section 2.2 item 4)
76	Relay: Switching to 2nd hydraulic oil circuit
77	Activation of ventilation (heater)
78	Valve: 2nd hydraulic oil circuit
79	Valve: 2nd hydraulic oil circuit
80	Actuator: Switching to 2nd hydraulic oil circuit
81	Ventilation motor, heater
82	Valve: Pipe break safety device/lifting mechanism suspension (opt.)
83	Pressure switch, lifting mechanism suspension (opt.)
84	Storage valve, lifting mechanism suspension (opt.)
85	Reservoir valve, lifting mechanism suspension (opt.)
86	Beacon light (opt.)
87	Radio (opt.)
88	Switch, interior lights
89	Interior lights
90	Heatable rearview mirror, right
91	Heatable rearview mirror, left
92	Rear window heater
93	Motor, rear wiper
94	Motor, rear washer
95	Motor, front washer
96	Motor, front wiper
97	Valve, release for quick-change device
98	Valve, engine switch-off
99	Ventilation motor, oil cooler
100	Temperature switch, oil cooler
101	Relay, oil cooler
102	Fuse (oil cooler)
103	Rear working lights
104	Rear working lights
105	Front working lights
106	Front working lights
107	Relay, working lights
108	Interval transmitter
109	Time relay, rear window heater

NOTE

The item nos. printed in bold type in the wiring diagram are cross-references to the interface in the hydraulics plan.



X Messanschluss
Branchement de mesure
Gauge port
Meet aansluiting

10.2 Hydraulic circuit diagram

Item Designation

01	Swivel cylinder DW 80/32/540/845
02	Supporting valve
03	Supporting cylinder EW 32/104/389.5
04	Reservoir system, pipe break protection (option)
05	Auxiliary hydraulics, external circuit
06	Locking cylinder DW 63/40/195
07	Electrohydraulic interlock for quick-change device
08	Tip cylinder GDW 100/50/317/1297
09	Pipe break protection, tilt cylinder (option)
10	Combination valve: pipe break protection / lifting device suspension (option)
11	Pipe break protection, lift cylinder (option)
12	Lift cylinder DW 70/40/445/909
13	lifting device suspension (option)
14	Auxiliary hydraulics, internal circuit (option)
15	Steering cylinder, front
16	Steering cylinder, rear
17	Steering switching valve
18	Steering unit 100 cm ³ /rev.
19	Priority valve
20	Servo pressure valve
21	Drive motor A6VM 107 HA1U1
22	Gear-type pump 16 cm ³ /rev.
23	Drive pump A4VG 28 DA1D4
24	Drive motor KHD 1011 F
25	Gear-type pump 8 cm ³ /rev.
26	Hydraulic oil cooler with electric fan
27	Suction strainer
28	Combined suction and return flow filter
29	Hydraulic oil tank
30	Electric contamination indicator
31	Inching valve
32	Drum brake
33	Main brake cylinder
34	1-way valve
35	3-way valve
36	Control pressure transmitter
37	Shut-off valve, working hydraulics

