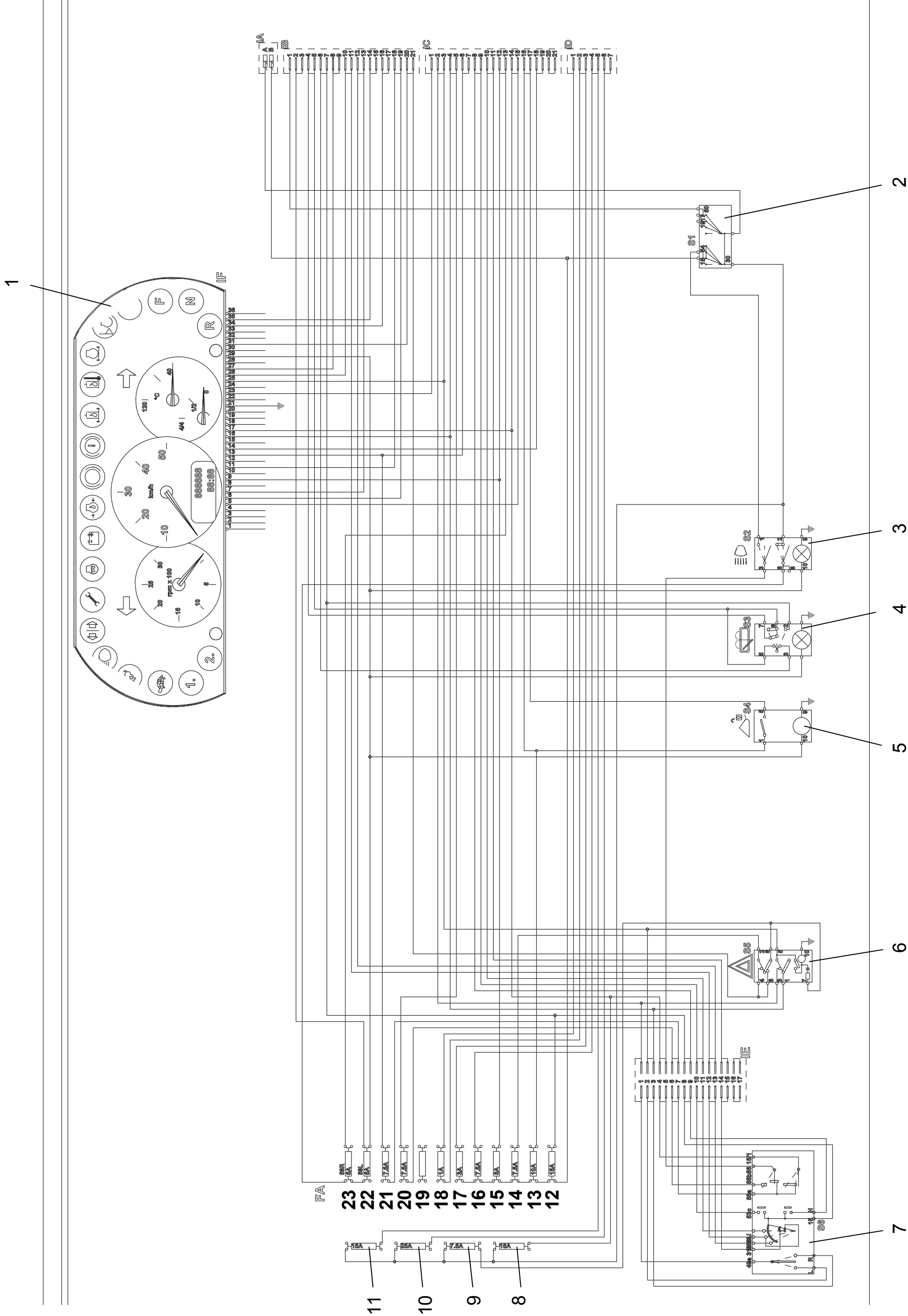


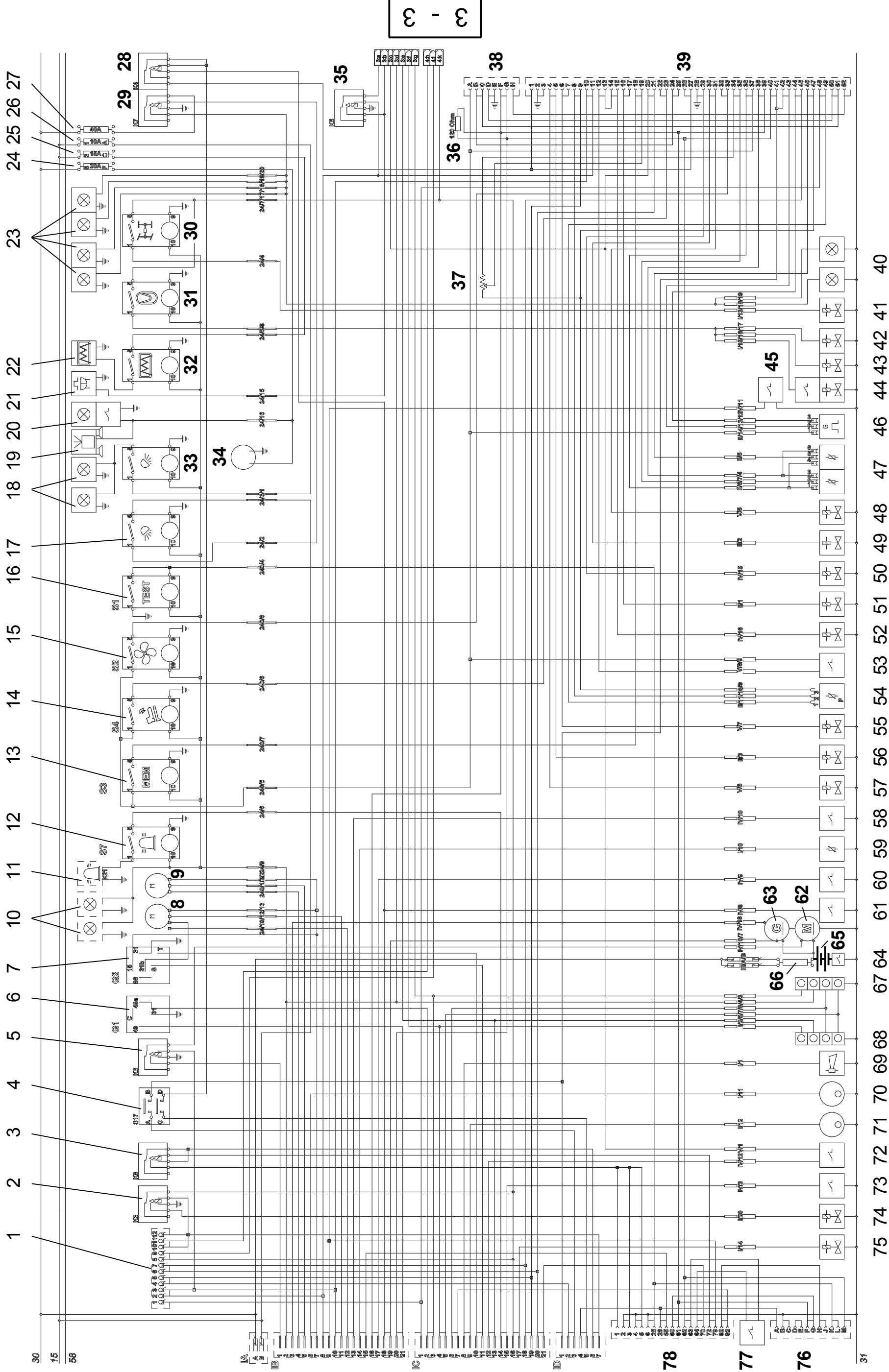
Diagrams



10.1 Electric wiring diagram

Sheet/ Designation item

1-3/1	Multifunction panel
1-3/2	Start switch
1-3/3	Actuator: road lights
1-3/4	Actuator: rear window wiper/washer
1-3/5	Actuator (pushbutton): quick-change device release
1-3/6	Actuator: Hazard flasher
1-3/7	Steering column switch
1-3/8	Fuse 15.0 A (Figure 4-9/14)
1-3/9	Fuse 7.5 A (Figure 4-9/15)
1-3/10	Fuse 25.0 A (Figure 4-9/16)
1-3/11	Fuse 15.0 A (Figure 4-9/17)
1-3/12	Fuse 15.0 A (Figure 4-9/1)
1-3/13	Fuse 10.0 A (Figure 4-9/2)
1-3/14	Fuse 7.5 A (Figure 4-9/3)
1-3/15	Fuse 5.0 A (Figure 4-9/4)
1-3/16	Fuse 7.5 A (Figure 4-9/5)
1-3/17	Fuse 3.0 A (Figure 4-9/6)
1-3/18	Fuse 1.0 A (Figure 4-9/7)
1-3/19	free
1-3/20	Fuse 7.5 A (Figure 4-9/9)
1-3/21	Fuse 7.5 A (Figure 4-9/10)
1-3/22	Fuse 5.0 A (Figure 4-9/11)
1-3/23	Fuse 5.0 A (Figure 4-9/12)



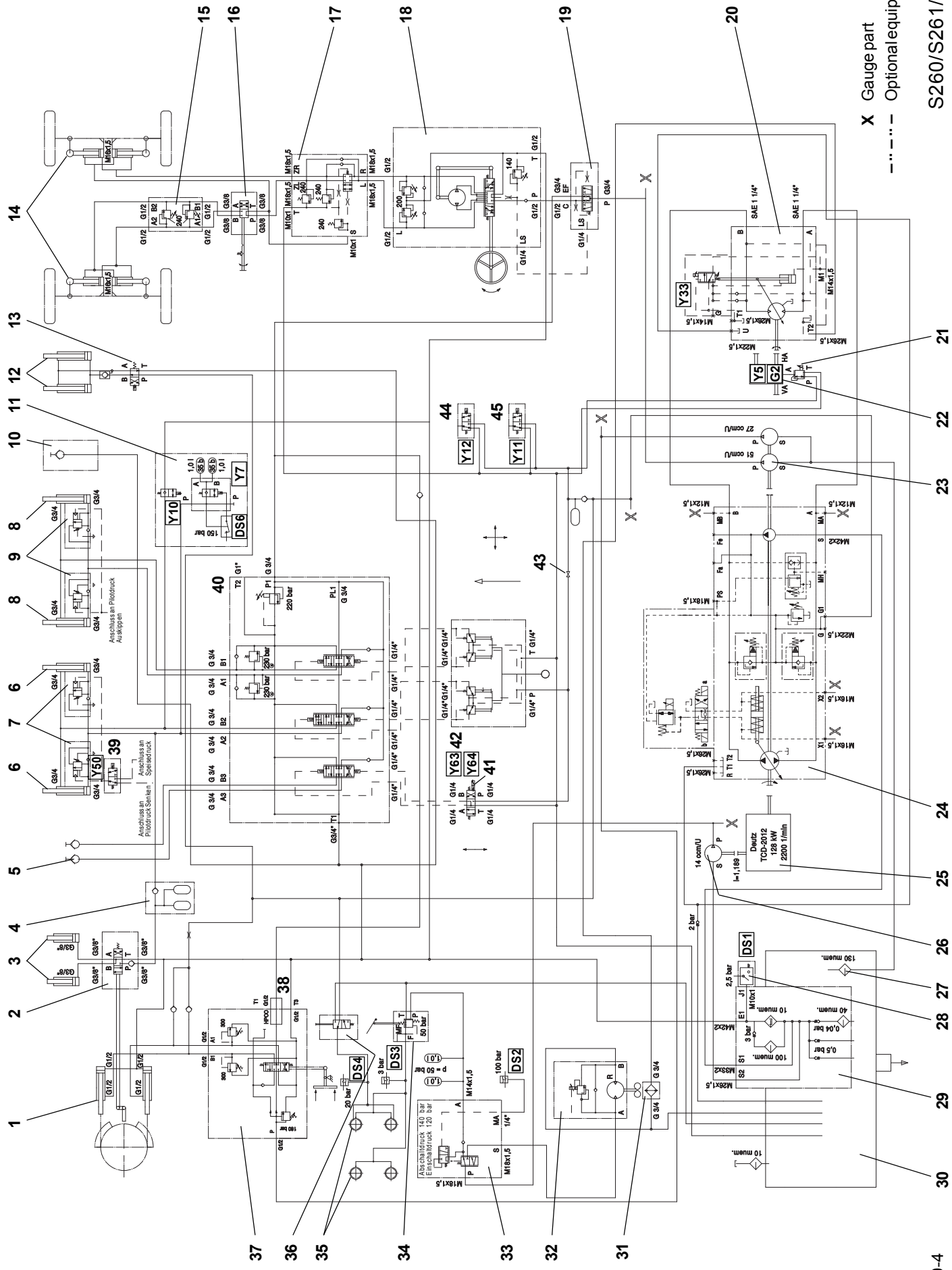
Sheet/ item	Designation	Sheet/ item	Designation
2-3/1	Connector, multifunction lever right	2-3/51	Valve: coupling/transmission
2-3/2	Relay: Differential lock (Figure 4-16/R3)	2-3/52	Valve: pump reverse
2-3/3	Relay: Engine controller (Figure 4-16/7)	2-3/53	Switch: Engine oil temperature
2-3/4	Emergency stop switch	2-3/54	Pressure sensor, inching
2-3/5	Relay: Starter interlock (Figure 4-16/R6)	2-3/55	Valve: fan reversal
2-3/6	Turn signal relay (Figure 4-16/10)	2-3/56	Valve: parking brake
2-3/7	Interval timer (Figure 4-16/9)	2-3/57	Proportional valve, fan
2-3/8	Wiper motor, front	2-3/58	Switch, hydraulic oil filter
2-3/9	Wiper motor, rear	2-3/59	Dip pipe sensor
2-3/10	License plate illumination	2-3/60	Switch: hydraulic oil temperature
2-3/11	warning beacon (opt.)	2-3/61	Switch: Parking brake
2-3/12	Actuator: warning beacon (opt.)	2-3/62	Starter
2-3/13	Actuator (pushbutton): TEACH function (option)	2-3/63	Alternator
2-3/14	Actuator: ECO mode function	2-3/64	Battery main switch
2-3/15	Actuator (pushbutton): fan reversal (option)	2-3/65	Batteries
2-3/16	Actuator (pushbutton): engine diagnosis	2-3/66	Master fuse
2-3/17	Actuator: Working lights, front	2-3/67	Driving light, left
2-3/18	Working lights, rear left/right	2-3/68	Driving light, right
2-3/19	Radio (option)	2-3/69	Signal horn
2-3/20	Interior lighting	2-3/70	Washer motor, rear
	Switch for interior lighting	2-3/71	Washer motor, front
2-3/21	Reversing warning buzzer	2-3/72	Brake light switch
2-3/22	Rear window heater	2-3/73	Switch: service brake failure
2-3/23	Working lights, cabin front	2-3/74	Valve: differential lock
2-3/24	Fuse 20.0 A (Figure 4-16/6)	2-3/75	Valve: release of quick-change device
2-3/25	Fuse 15.0 A (Figure 4-16/3)	2-3/76	Connector, engine diagnosis
2-3/26	Fuse 10.0 A (Figure 4-16/1)	2-3/77	Switch: Water in fuel
2-3/27	Fuse 40.0 A (Figure 4-16/11)	2-3/78	Connector: Engine controller
2-3/28	Relay: Traction drive cut-out (Figure 4-16/R4)		
2-3/29	Relay: Working lights, front (Figure 4-16/8)		
2-3/30	Actuator: Four-wheel drive shutdown (option)		
2-3/31	Actuator: Lifting device suspension		
2-3/32	Actuator: Rear window heater		
2-3/33	Actuator: Working lights, rear		
2-3/34	Cigarette lighter		
2-3/35	Relay: Reversing light/reversing buzzer (Figure 4-16/R5)		
2-3/36	CanBus resistor 120 Ohms		
2-3/37	Inching speed control		
2-3/38	Connector, traction drive diagnosis		
2-3/39	Traction drive controller		
2-3/40	Working lights, bucket arm		
2-3/41	Four-wheel drive valve (option)		
2-3/42	Combination valve, pipe break protection/ lifting device suspension (option)		
2-3/43	Reservoir valve, lifting device suspension (option)		
2-3/44	Memory valve, lifting device suspension (option) Switch: Memory valve, lifting device suspension (option)		
2-3/45	Switch: water low		
2-3/46	Speed transducer, hydro motor		
2-3/47	Accelerator		
2-3/48	Valve: pump		
2-3/49	Valve: hydro motor		
2-3/50	Valve: pump forward		



**Sheet/ Designation
item**

3-3/1	Fuse 5,0 A (Figure 4-16/2)
3-3/2	Relay for auxiliary hydraulics: Close bucket (Figure 4-16/R1)
3-3/3	Relay for auxiliary hydraulics: Open bucket (Figure 4-16/R2)
3-3/4	Relay: Air-conditioning system
3-3/5	Relay: Air-conditioning system
3-3/6	Fuse 20,0 A (air conditioning system)
3-3/7	Fuse 20,0 A (air conditioning system)
3-3/8	Fuse 20,0 A (air conditioning system)
3-3/9	Switch: Fan, air conditioning system
3-3/10	Fan, air conditioning system
3-3/11	Relay: Glow start system (option)
3-3/12	Fuse 120,0 A (glow start system)
3-3/13	Fuse 15,0 A (Figure 4-16/4)
3-3/14	Switch: Air-conditioning system on/off
3-3/15	Pressure switch: air-conditioning compressor
3-3/16	Power supply for driver's seat
3-3/17	Glow plugs
3-3/18	Air-conditioning compressor
3-3/19	Capacitor for fan 2
3-3/20	Capacitor for fan 1
3-3/21	Reversing warning buzzer
3-3/22	Auxiliary hydraulics valve: open bucket
3-3/23	Auxiliary hydraulics valve: close bucket
3-3/24	7-pole socket
3-3/25	Tail light, right
3-3/26	Tail light, left

10.2.1 - 02.2008



X Gauge part

--- -- Optional equipment

10-4

S260/S261/Z260

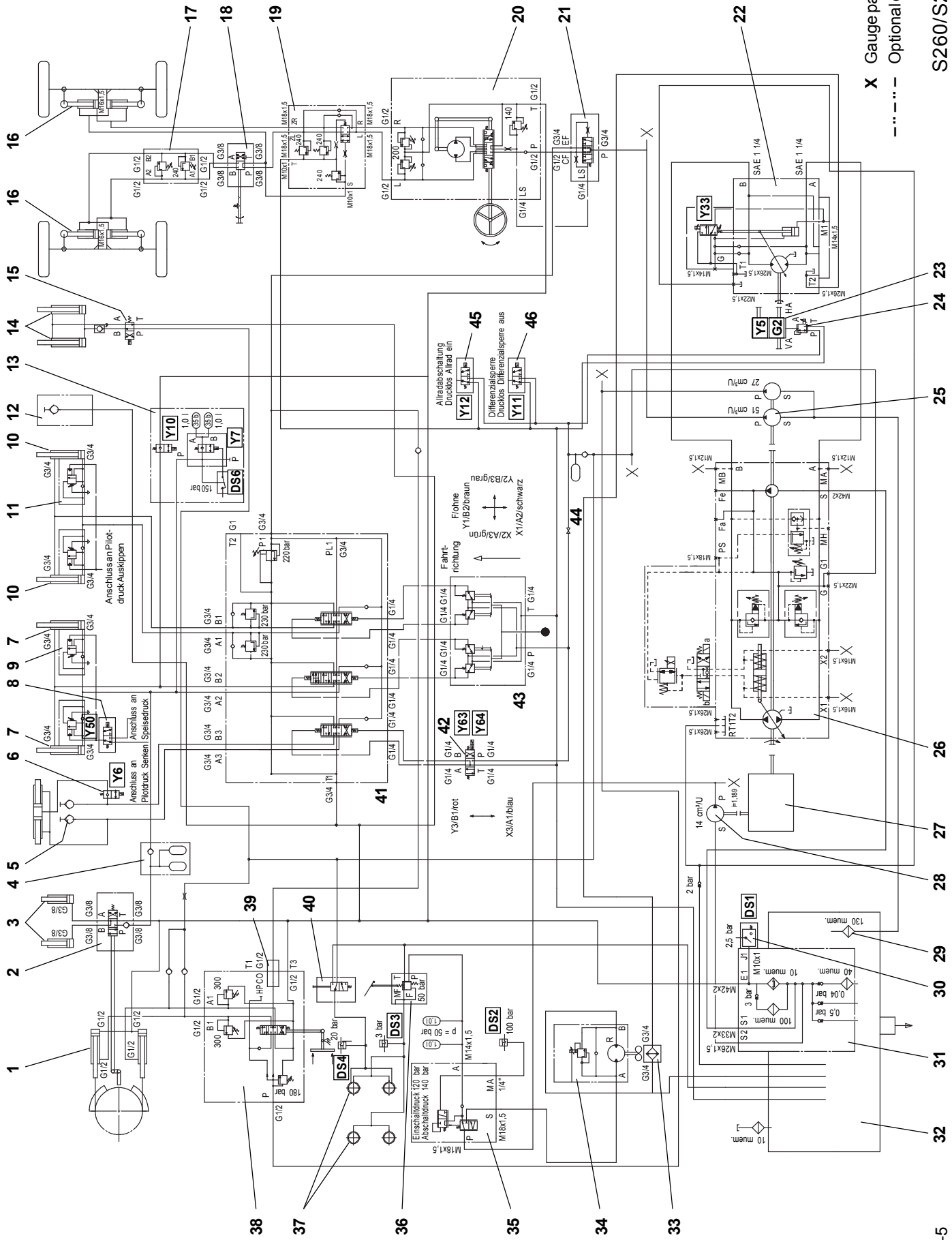
10.2 Hydraulic diagram

10.2.1 AS 210e hydraulic diagram (claw lock)

Item Designation

- 01 Swivel cylinder DW 110/45/910/1287
- 02 Supporting valve
- 03 Supporting cylinder EW 70/210/470
- 04 Reservoir system, pipe break protection (option)
- 05 Auxiliary hydraulics, external circuit
- 06 Lift cylinder DW 110/70/908/1317
- 07 Pipe break protection, lift cylinder (option)
- 08 Tip cylinder DW 110/70/545/1015
- 09 Pipe break protection, tilt cylinder (option)
- 10 Unpressurised return line (option)
- 11 Lifting device suspension
- 12 Locking cylinder DW 40/63/70/397
- 13 Shift valve for locking the quick-change device
- 14 Steering cylinder 80/40/152/472.5
- 15 Double shock valve
- 16 Steering switching valve
- 17 Blocking valve
- 18 Steering unit, 300/100 cm³/rev.
- 19 Priority valve
- 20 Drive motor A6VM 160 EP2
- 21 Gear shift valve
- 22 Transfer case
- 23 Gear-type pump (51+27) cm³/rev.
- 24 Drive pump A4VG 125 D2D1
- 25 Drive motor TCD-2012
- 26 Gear-type pump 14 cm³/rev.
- 27 Suction strainer
- 28 Electric contamination indicator
- 29 Combined suction and return flow filter
- 30 Hydraulic oil tank
- 31 Hydraulic oil cooler
- 32 Hydrostatic fan
- 33 Shut-off valve
- 34 Brake valve
- 35 Lamella brake
- 36 Parking brake valve
- 37 1-way valve
- 38 High-pressure transition
- 39 Combination valve: pipe break protection / lifting device suspension (option)
- 40 3-way valve
- 41 Control pressure valve, auxiliary hydraulics
- 42 Control pressure transmitter, working hydraulics
- 43 Shut-off valve, working hydraulics
- 44 Four-wheel drive shutdown valve
- 45 Differential lock valve

10.2.2 - 09.2009 Hydraulic diagram AS 210e (bolt lock)



X Gauge part
 --- Optional equipment

10.2.2 AS 210e hydraulic diagram (bolt lock)

Item Designation

- 01 Swivel cylinder DW 110/45/910/1287
- 02 Supporting valve
- 03 Supporting cylinder EW 70/210/470
- 04 Reservoir system, pipe break protection (option)
- 05 Auxiliary hydraulics, external circuit
- 06 Electrohydraulic interlock for quick-change device
- 07 Lift cylinder DW 110/70/908/1317
- 08 Combination valve: pipe break protection / lifting device suspension (option)
- 09 Pipe break protection, lift cylinder (option)
- 10 Tip cylinder DW 110/70/545/1015
- 11 Pipe break protection, tilt cylinder (option)
- 12 Unpressurised return line (option)
- 13 Lifting device suspension
- 14 Locking cylinder DW 40/63/70/397
- 15 Shift valve for locking the quick-change device
- 16 Steering cylinder 80/40/152/472.5
- 17 Double shock valve
- 18 Steering switching valve
- 19 Blocking valve
- 20 Steering unit, 300/100 cm³/rev.
- 21 Priority valve
- 22 Drive motor A6VM 160 EP2
- 23 Transfer case
- 24 Gear shift valve
- 25 Gear-type pump (51+27) cm³/rev.
- 26 Drive pump A4VG 125 D2D1
- 27 Drive motor TCD-2012
- 28 Gear-type pump 14 cm³/rev.
- 29 Suction strainer
- 30 Electric contamination indicator
- 31 Combined suction and return flow filter
- 32 Hydraulic oil tank
- 33 Hydraulic oil cooler
- 34 Hydrostatic fan
- 35 Shut-off valve
- 36 Brake valve
- 37 Lamella brake
- 38 1-way valve
- 39 High-pressure transition
- 40 Parking brake valve
- 41 3-way valve
- 42 Control pressure valve, auxiliary hydraulics
- 43 Control pressure transmitter, working hydraulics
- 44 Shut-off valve, working hydraulics
- 45 Four-wheel drive shutdown valve
- 46 Differential lock valve

