

EC219 - QS60 ECHF

COVERSHEET

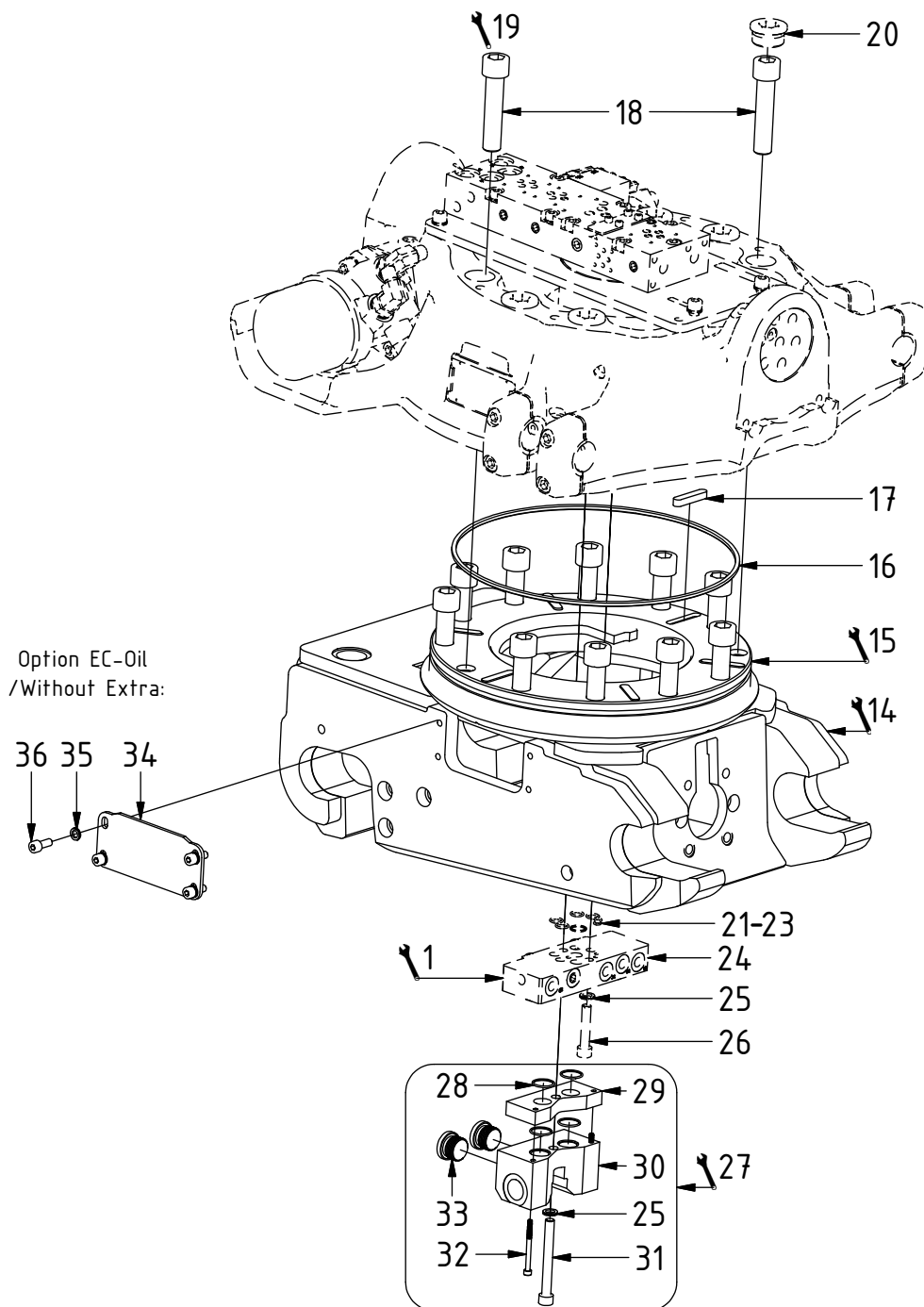
Planned document changes:

Briefly:

No planned changes.

Document changes:

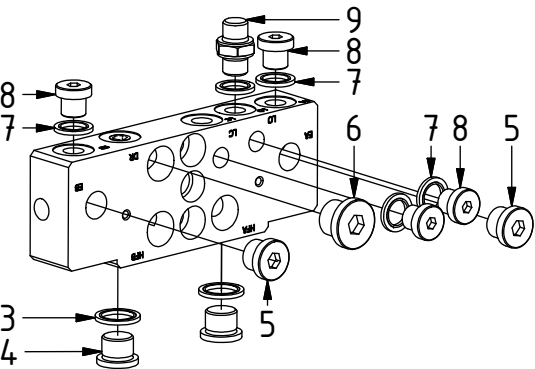
Date:	Change:	Rev. after change:
2023-12-11	New plug with washer for connection block.	C
2018-06-18	Layout/irrelevant.	B
2017-10-09	Clarification connection block configurations. Coversheet added.	A



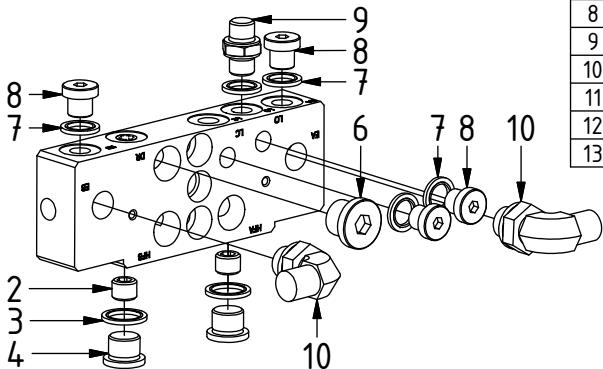
POS	DESCRIPTION	PART	QTY	COMMENTS
1	See p.3 connection block config.			
14	QS60 used until 2016-09 (1028024)			Replaced by QSD60 See separate instruction
15	Grease the ring			
16	O-ring 319,3x5,7	710908	1	
17	Feather Key	650102	6	
18	Socket Head Screw 20x90	610556	12	Torque: 649Nm
19	Torque tighten rotator frame to hitch. Rotate to access all holes			
20	Pipe plug M36x2	650408	6	Part of rotator frame assembly
21	O-ring 6,07x1,78	712422	2	Part of rotator frame assembly
22	O-ring 12,42x1,78	710973	4	Part of rotator frame assembly
23	O-ring 15,6x1,78	710912	1	Part of rotator frame assembly
24	Connection block ECHF	1028391	1	Part of rotator frame assembly
25	Washer NL10	611041	2	Part of rotator frame assembly
26	Screw MC6S 10x50 12.9 ZFSL	611515	1	Part of rotator frame assembly
27	Does not apply to EC-Oil			See p.5 for instruction
28	O-ring 20,35x1,78 70 shore	710974	4	
29	Shim block 16mm ECHF	1032834	1	
30	Extra block 3/4" ECHF	1031934	1	
31	Screw MC6S 10x90 12.9 ZFSL	6000153	1	
32	Socket Head Screw 5x60	610409	2	Torque: 9,7Nm
33	Plug 3/4"	711532	2	QTY: 4 for EC219 Without Extra
34	Small Cover plate EC-Oil	1025118	2	
35	Washer NL 8mm	611040	8	
36	Screw MC6S 8x20H 12.9 ZFSL	6000157	8	

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Standard:

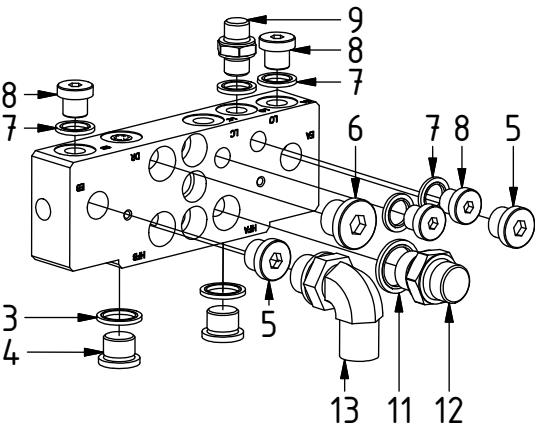


Dbl.Extra:

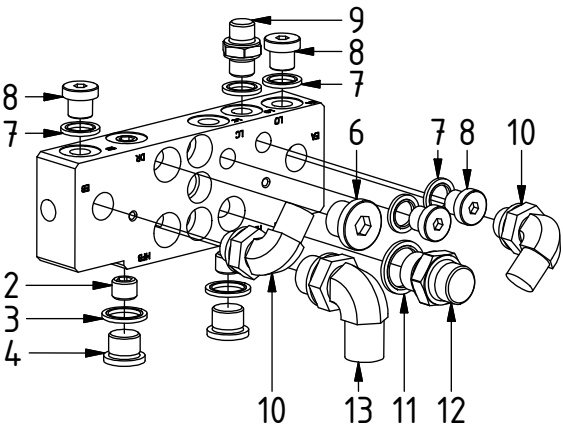


POS	DESCRIPTION	PART	QTY	COMMENTS
2	Pipe plug 1/4"	711508	2	Loctite 5400
3	Washer GBR06 3/8	710703	2	QTY: 4 for Dbl.Extra
4	Plug DIN 908 3/8"	7001657	2	
5	Plug 3/8"	711504	2	QTY: 2 for Dbl.Extra
6	Plug 1/2"	711500	1	
7	Washer GBR04 1/4	710702	11	
8	Plug 1/4"	711505	4	
9	Adapter 1/4"	710135	2	
10	Adapter 90° 3/8"	710152	2	
11	Sealing washer 1/2"	710704	3	QTY: 2 for EC-Oil Dbl.Extra
12	Adapter 136-08-08 (1/2")	710108	2	
13	Adapter 90° 1/2"	710156	1	

EC-Oil:



EC-Oil Dbl.Extra:

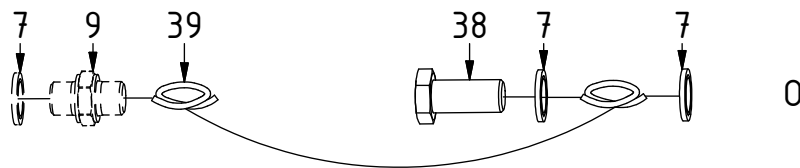


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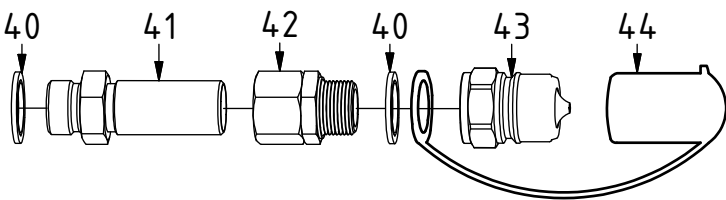
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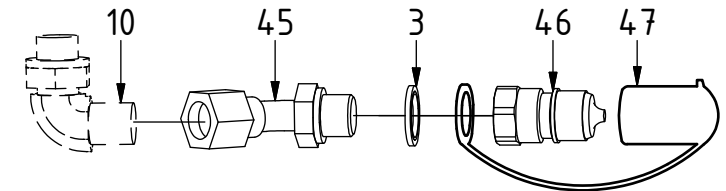
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Extra:
Standard



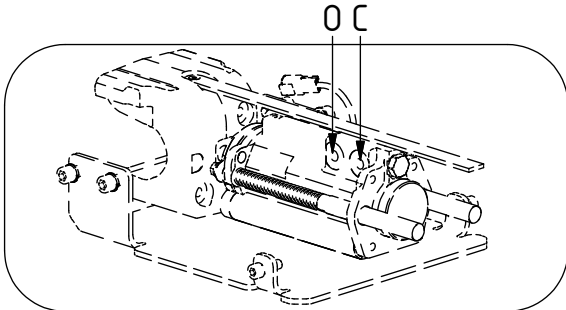
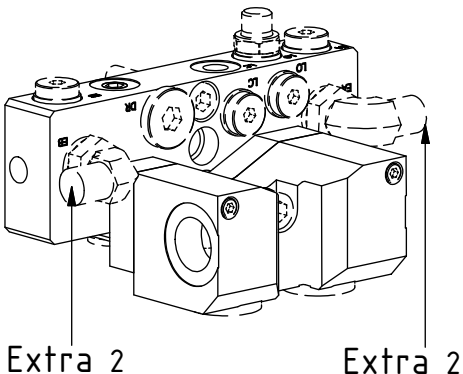
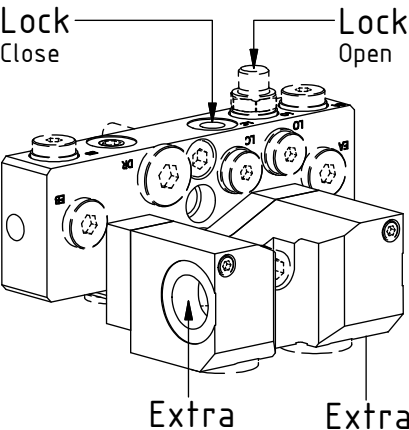
Extra 2:
Option
Dbl.Extra



POS	DESCRIPTION	PART	QTY	COMMENTS
3	Washer GBR06 3/8	710703	2	QTY: 4 for Dbl.Extra
7	Washer GBR04 1/4	710702	11	
9	Adapter 1/4"	710135	2	
10	Adapter 90° 3/8"	710152	2	
37	Hose Lock Short	742801	1	
38	Banjobolt 1/4"	710271	2	
39	Hose Lock Long	742802	1	
40	Sealing washer 3/4"	710706	4	
41	Bulkhead adapter extended 3/4"	712227	2	
42	Adapter 3/4"	710218	2	
43	Quick coupling 3/4"	790193	2	
44	Dust protection 3/4"	790195	2	
45	Adapter 45°	710164	2	
46	Quick coupling 3/8"	790113	2	
47	Dust protection 3/8"	790120	2	

Standard Extra:

Dbl.Extra:

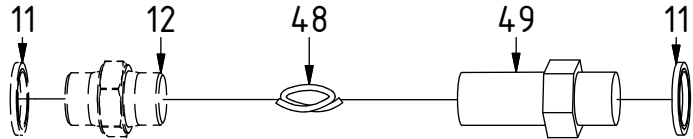


See instruction,
Standard components

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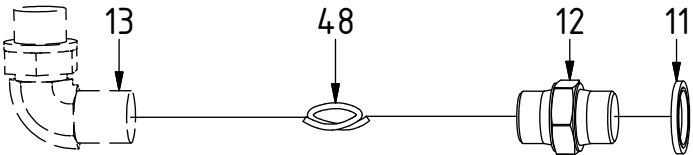
EC-Oil

Extra A:
EC-Oil



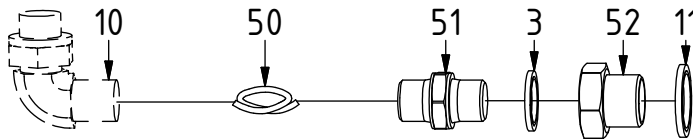
A

Extra B:
EC-Oil



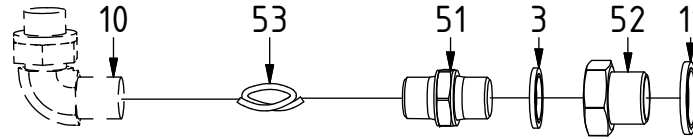
B

Extra 2 A:
Option
Dbl.Extra



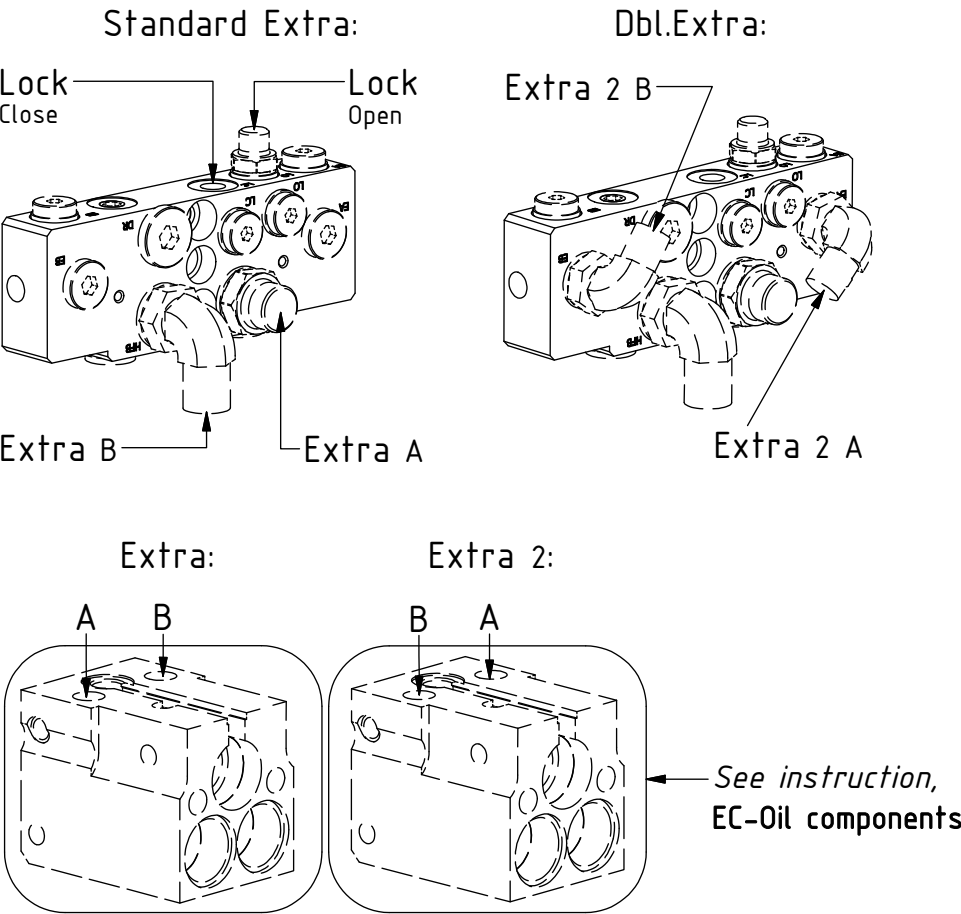
2 A

Extra 2 B:
Option
Dbl.Extra



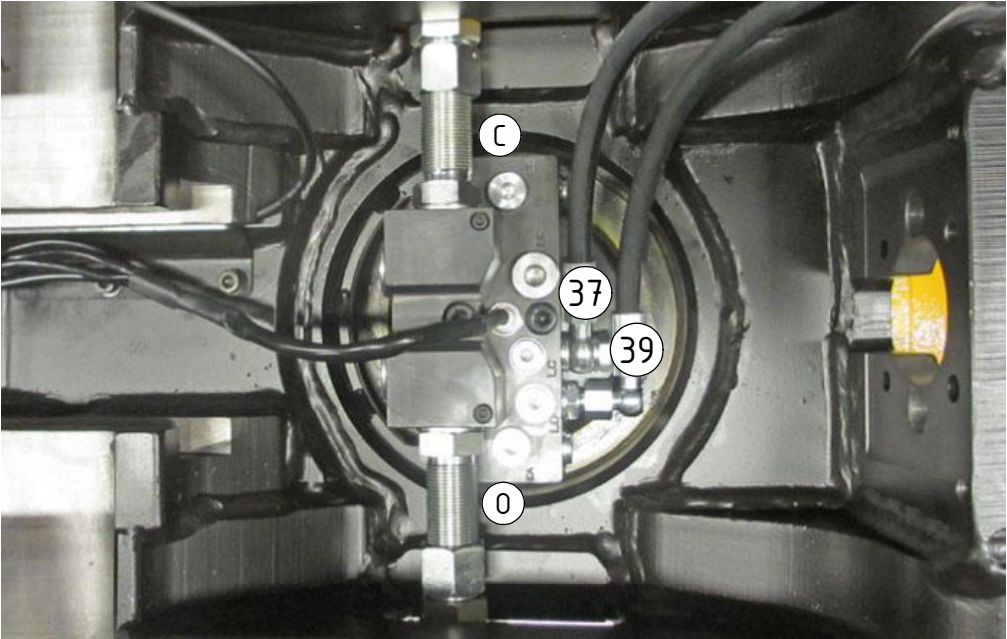
2 B

POS	DESCRIPTION	PART	QTY	COMMENTS
3	Washer GBR06 3/8"	710703	2	QTY: 4 for Dbl.Extra
10	Adapter 90° 3/8"	710152	2	
11	Sealing washer 1/2"	710704	3	QTY: 2 for EC-Oil Dbl.Extra
12	Adapter 136-08-08 (1/2")	710108	2	
13	Adapter 90° 1/2"	710156	1	
48	Hose Extra (EC-Oil)	742350	2	
49	Bulkhead adapter 1/2"	710244	1	
50	Hose Extra 2 (EC-Oil) Long	7000224	1	
51	Adapter 3/8"	710106	2	
52	Adapter 1/2" - 3/8"	710233	2	
53	Hose Extra 2 (EC-Oil) Short	7000223	1	



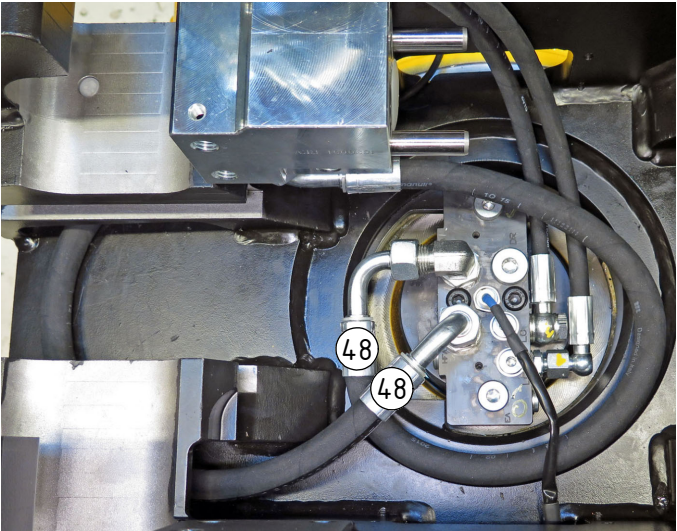
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Standard:

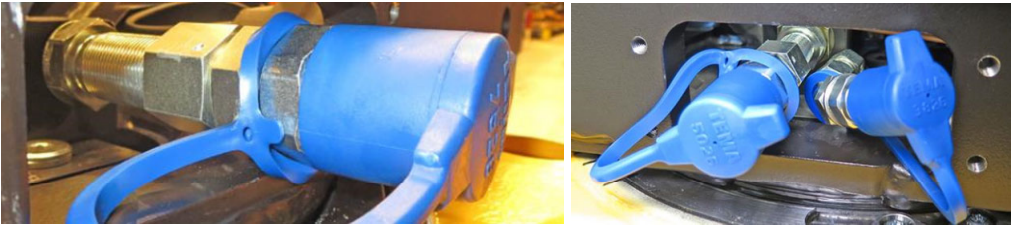


POS	DESCRIPTION	PART	QTY	COMMENTS
37	Hose Lock Short	742801	1	
39	Hose Lock Long	742802	1	
48	Hose Extra (EC-Oil)	742350	2	
50	Hose Extra 2 (EC-Oil) Long	7000224	1	
53	Hose Extra 2 (EC-Oil) Short	7000223	1	

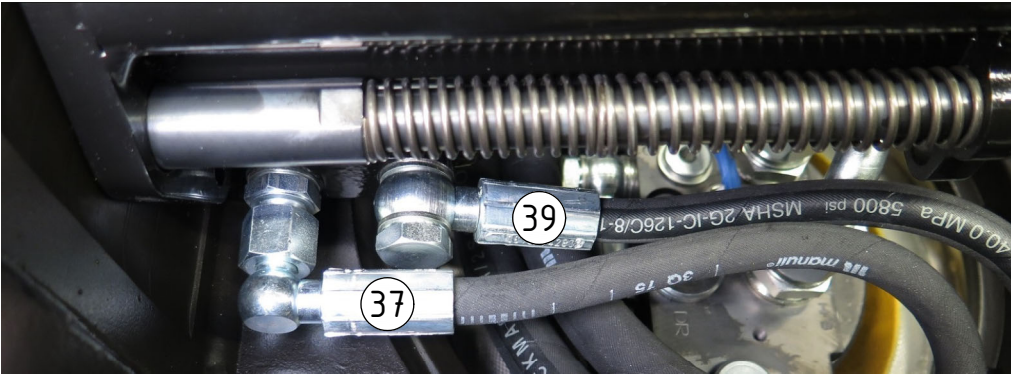
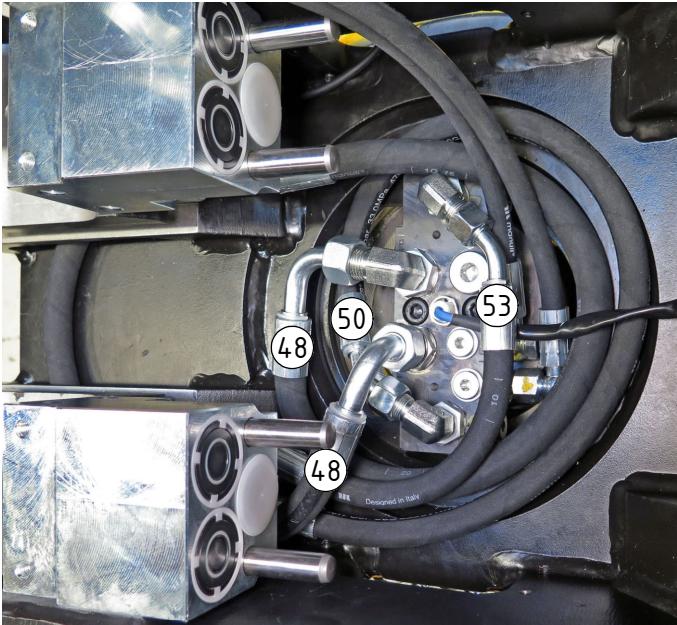
EC-Oil:



Dbl.Extra:



Dbl.Extra:



Dashed lines for overview, mounts on other pages/assemblies. indicates instruction. represents hose.