

EC233 QSM - Hitch QS80

COVERSHEET

Planned document changes:

Briefly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2025-09-11	Photos added. Included spare parts added.	C
2023-12-11	Screw lengths corrected.	B
2023-11-28	Valve block screws must be tightened in cross pattern.	A
2023-08-31	New document.	-

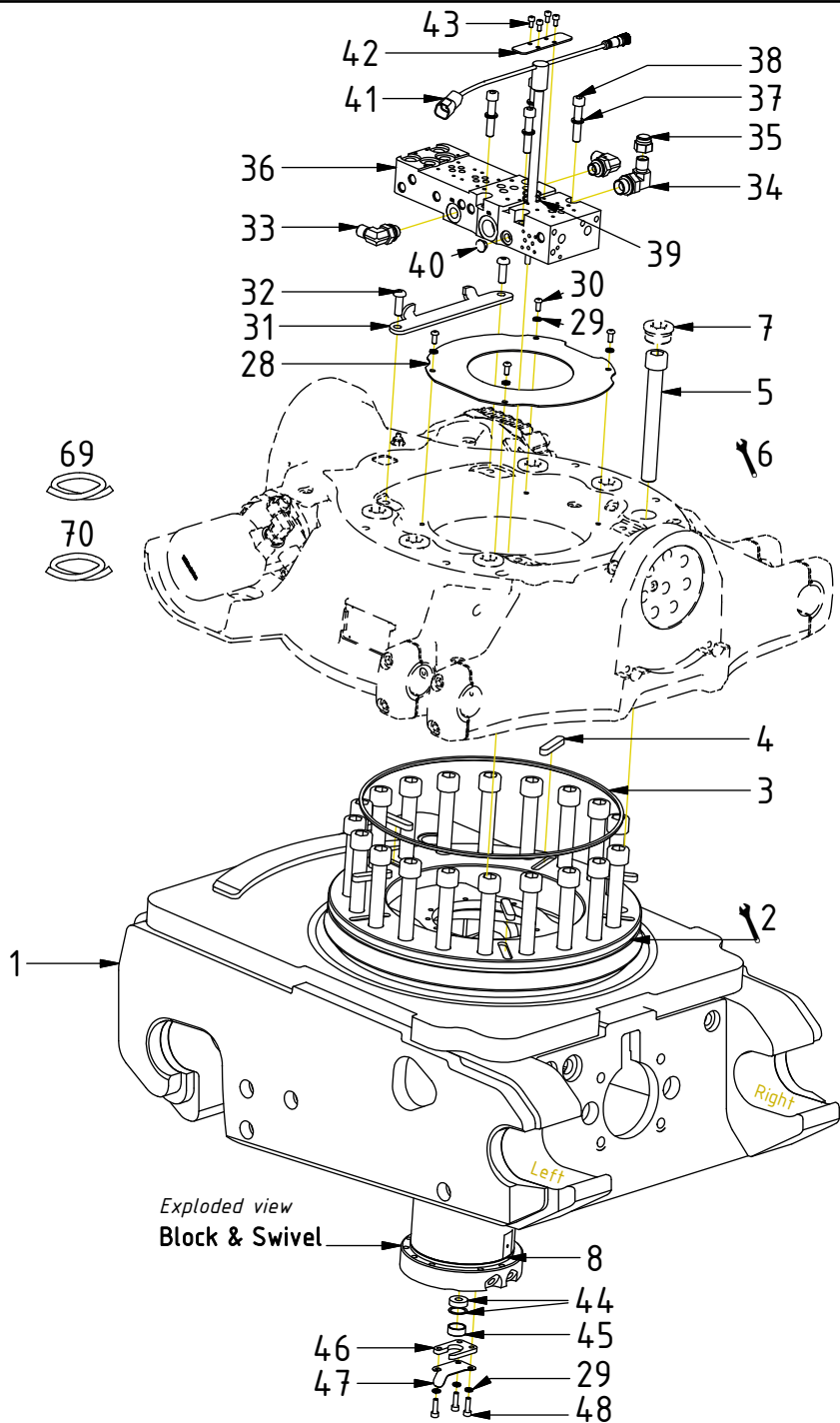
Readers note:

 Indicates instruction.

 Represents Hose.

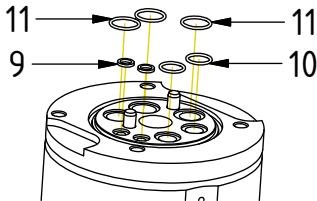
Dashed lines for overview, mounts on other pages/assemblies.

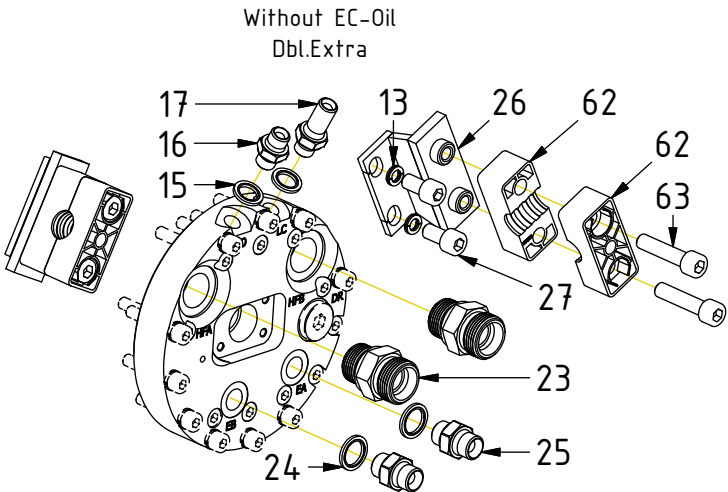
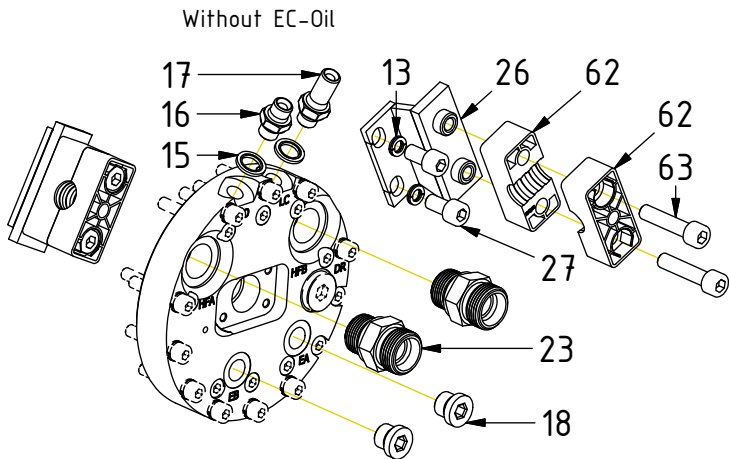
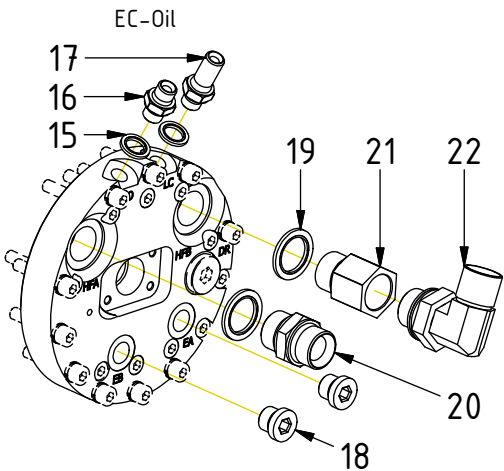
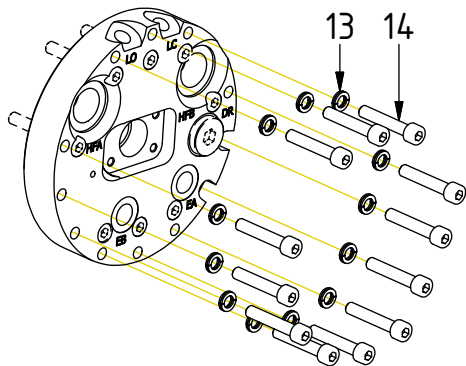
EC233 QSM - Hitch QS80



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QS80 EC233 QSM	1069824	1	
2	Grease the ring			
3	O-ring 359,3x5,7	710924	1	
4	Feather Key	650103	5	
5	Screw MC6S M20x170 12.9	6000101	20	Torque: 649Nm
6	Torque tighten rotator frame to hitch. Rotate to access all holes			
7	Pipe plug M36x2	650408	6	Part of rotator frame
8	Connect. block & swivel QSM Compl.	1072872	1	
9	O-ring 7,66x1,68	7000579	2	
10	O-ring 14x1,78	710975	2	
11	O-ring 17,17x1,78	710977	3	
28	Plate swivel EC233 QSM	1052691	1	
29	Washer NL 6mm	611039	7	
30	Screw K6S M6x14 10.9 FZB	6000242	4	
31	Swivel stop EC233	1048076	1	
32	Screw K6S M10x30 10.9 FZB	6000193	2	Loxeal 83-52
33	Adapter 401-06-06 90° (3/8")	710152	2	Assemble before valve block
34	Adapter 401-06-08 90° (3/8"-1/2")	710157	1	Assemble before valve block
35	Protective cap 155-06 (3/8")	711626	1	
36	Valve Block QSM	1049297	1	
37	Washer NL 10mm	611041	4	
38	Screw MC6S M10x55 12.9 Geomet	612022	4	Torque: 79Nm Tighten in cross pattern
39	O-ring 21,95x1,78	710983	2	(Incl. with valve block)
40	Plastic plug KS 15 G 1/4"	7001983	1	(Incl. with valve block)
41	Slip ring QSM M12	1046763	1	Mount with marine silicone
42	Cover plate slip ring	1050384	1	
43	Screw MC6S M5x10 12.9	610594	4	
44	Rubber bushing with washer	1046691	1	Use the outer ring. Washer down
45	Ring slip ring QSM	1046692	1	
46	Plate slip ring QSM	1046689	1	
47	Plate cable steering QSM	1046694	1	
48	Screw MC6S M6x20 8,8 FZB	610310	3	
69	Hose hydraulic motor Long	7000451	1	
70	Hose hydraulic motor Short	7000903	1	

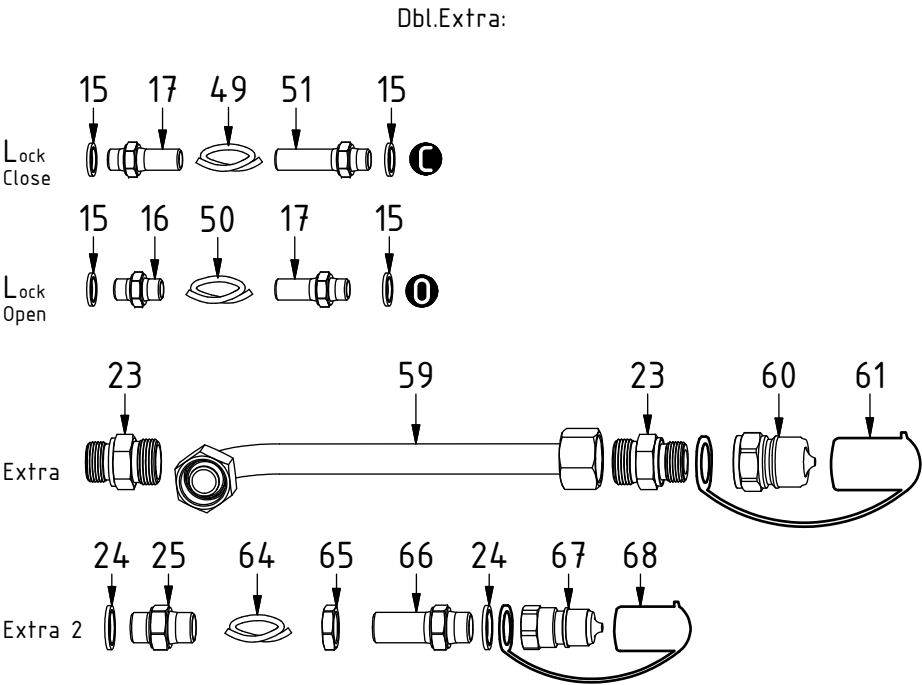
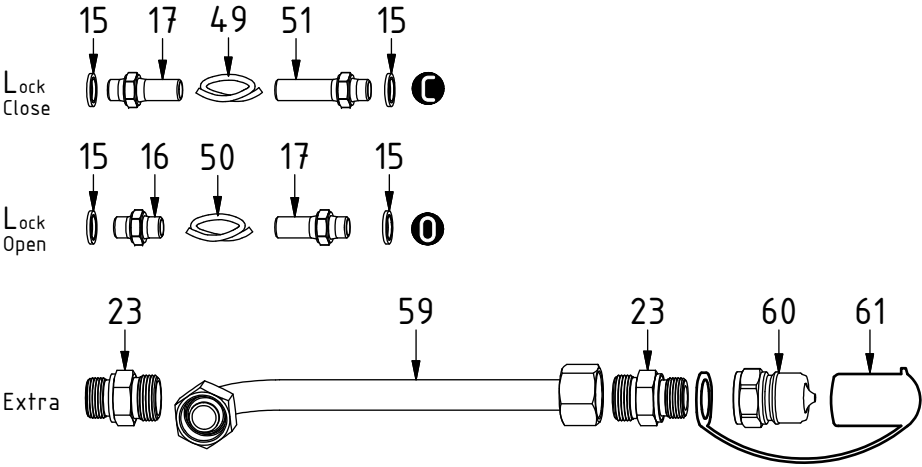
Between swivel & valve block:



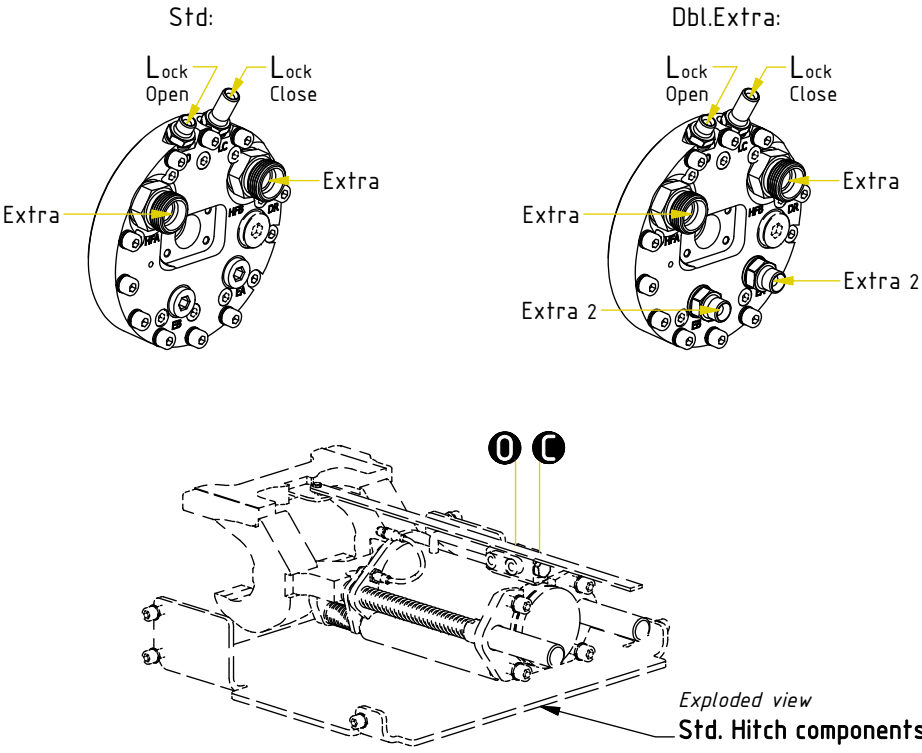


POS	DESCRIPTION	PART	QTY	COMMENTS
12	For option Drain			See p.6 for instruction
13	Washer NL 8mm	611040	16	
14	Screw MC6S M8x45 12.9 ZFSL	6000399	12	
15	Washer GBR04 1/4	710702	4	
16	Adapter 136-04-04 (1/4")	7000531	1	
17	Adapter 1260-04-04 (1/4")	710240	2	
18	Plug 70125-06 (3/8")	711504	2	
19	Washer GBR12 3/4	710706	3	
20	Adapter 136-12-12 (3/4")	710126	1	
21	Adapter 236-12-12	712226	2	
22	Adapter 401-12-12 90° (3/4")	712201	1	
23	Adapter M30x2 // G3/4	7001855	4	
24	Washer GBR06 3/8	710703	4	
25	Adapter 136-06-06 (3/8")	710106	2	
26	Holder pipe clamp QSM	1072385	2	
27	Screw MC6S M10x20 12.9	610451	4	
62	Pipe clamp Extra	7001889	4	
63	Screw MC6S M10x45 12.9 ZFSL	612021	4	

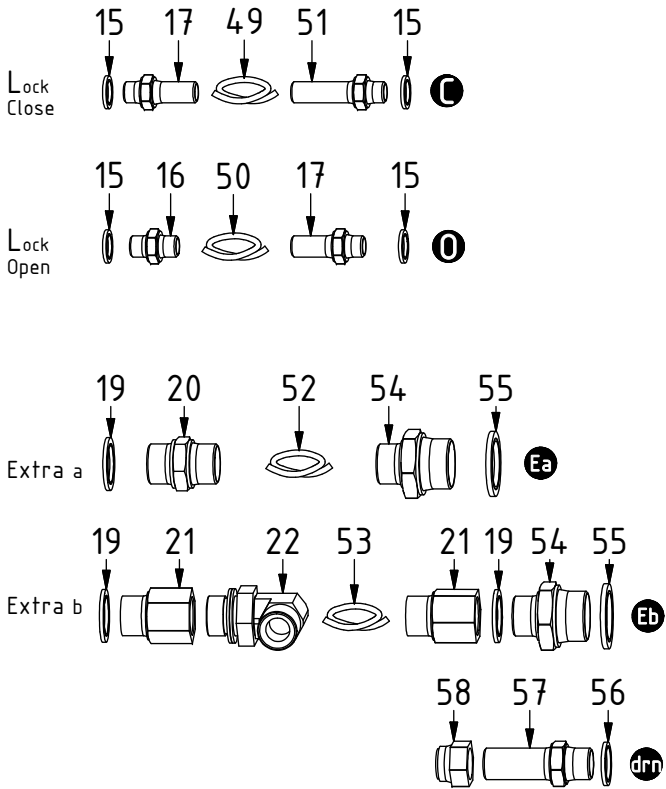
Without EC-Oil



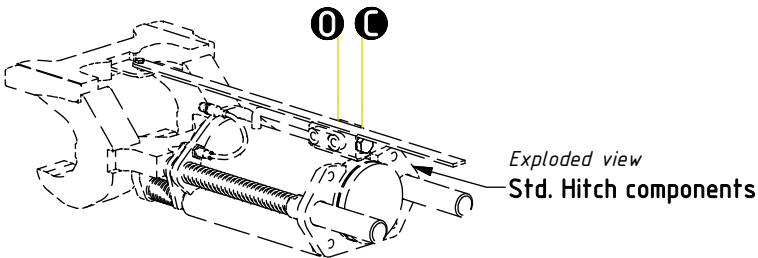
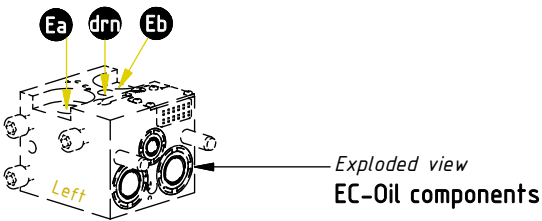
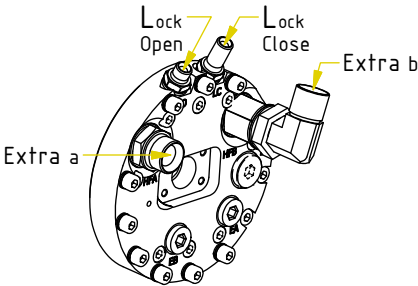
POS	DESCRIPTION	PART	QTY	COMMENTS
12	For option Drain			See p.6 for instruction
15	Washer GBR04 1/4	710702	4	
16	Adapter 136-04-04 (1/4")	7000531	1	
17	Adapter 1260-04-04 (1/4")	710240	2	
23	Adapter M30x2 // G3/4	7001855	4	
24	Washer GBR06 3/8	710703	4	
25	Adapter 136-06-06 (3/8")	710106	2	
49	Hose Lock A	7001876	1	
50	Hose Lock B	7001893	1	
51	Adapter 1260-04-40 (1/4")	710261	1	
59	Pipe Extra QS80 QSM	1072343	2	
60	Quick coupling 3/4"	790193	2	
61	Dust protection 3/4"	790195	2	
64	Hose Extra 2	7001894	2	Dbl.Extra
65	Counternut 1270-06 (3/8")	710252	2	
66	Adapter 1260-06-32 (3/8")	710242	2	
67	Quick coupling 3/8"	790113	2	
68	Dust protection 3/8"	790120	2	



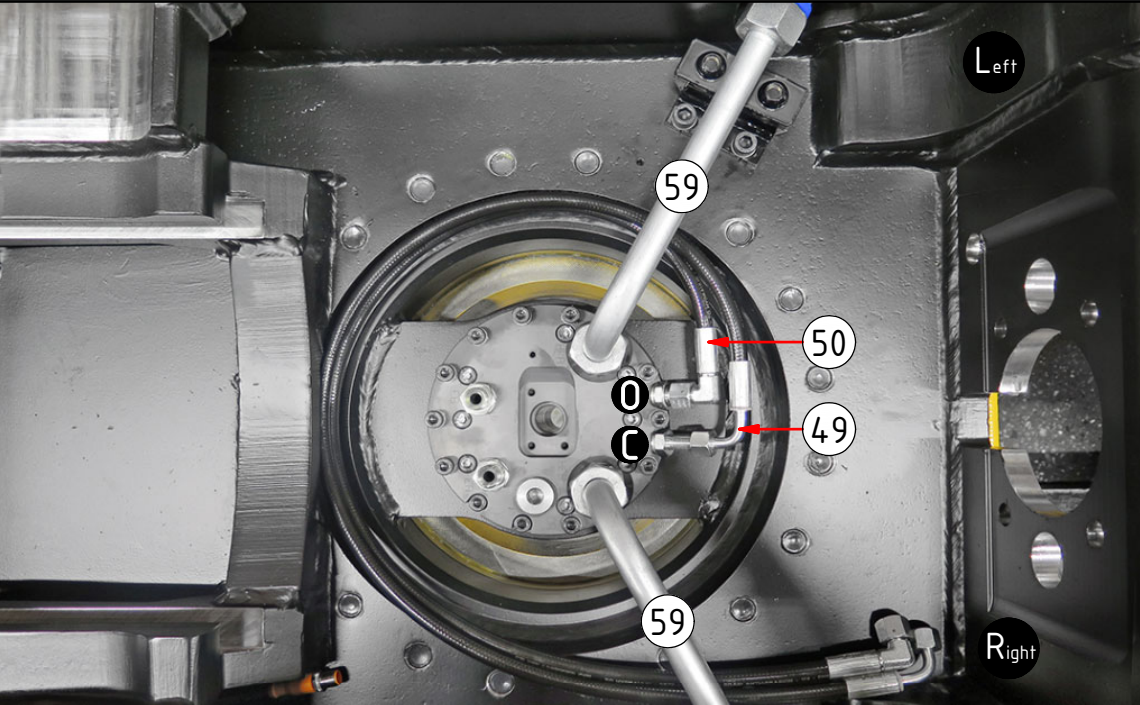
EC-Oil



POS	DESCRIPTION	PART	QTY	COMMENTS
15	Washer GBR04 1/4	710702	4	
16	Adapter 136-04-04 (1/4")	7000531	1	
17	Adapter 1260-04-04 (1/4")	710240	2	
19	Washer GBR12 3/4	710706	3	
20	Adapter 136-12-12 (3/4")	710126	1	
21	Adapter 236-12-12	712226	2	
22	Adapter 401-12-12 90° (3/4")	712201	1	
49	Hose Lock A	7001876	1	
50	Hose Lock B	7001893	1	
51	Adapter 1260-04-40 (1/4")	710261	1	
52	Hose Extra a EC-Oil	7000681	1	
53	Hose Extra b EC-Oil	7001874	1	
54	Adapter 135-12-16 - (3/4"-1")	7000723	2	
55	Washer GBR16 1	710707	2	
56	Washer GBR08 1/2	710704	1	QTY: 2 w/o EC-Oil
57	Adapter 1260-08-45 (1/2")	710263	1	
58	Protective cap 155-08 (1/2")	711627	1	

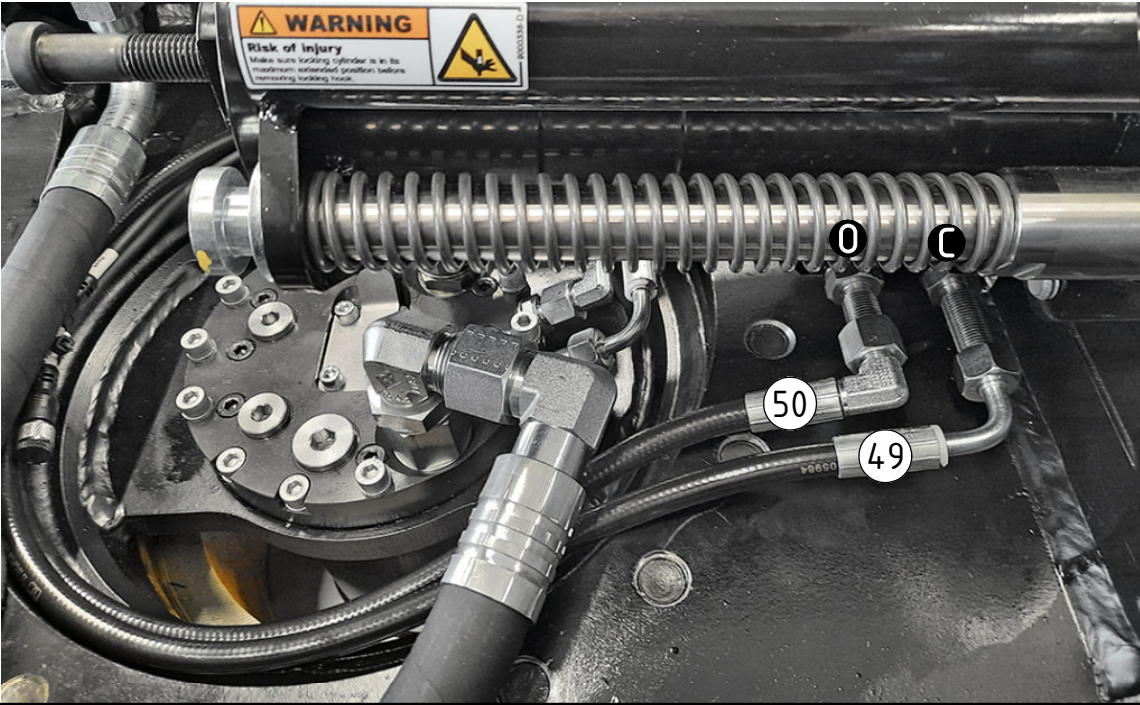
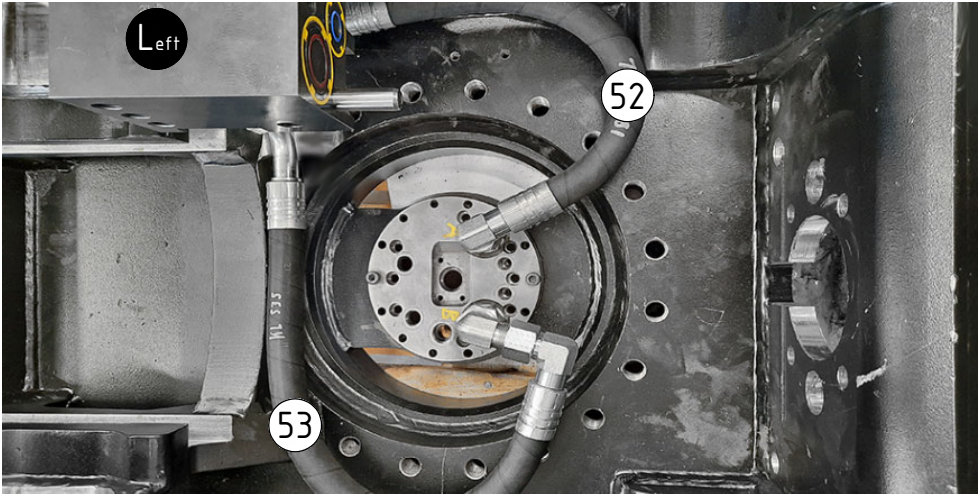


EC233 QSM - Hitch QS80

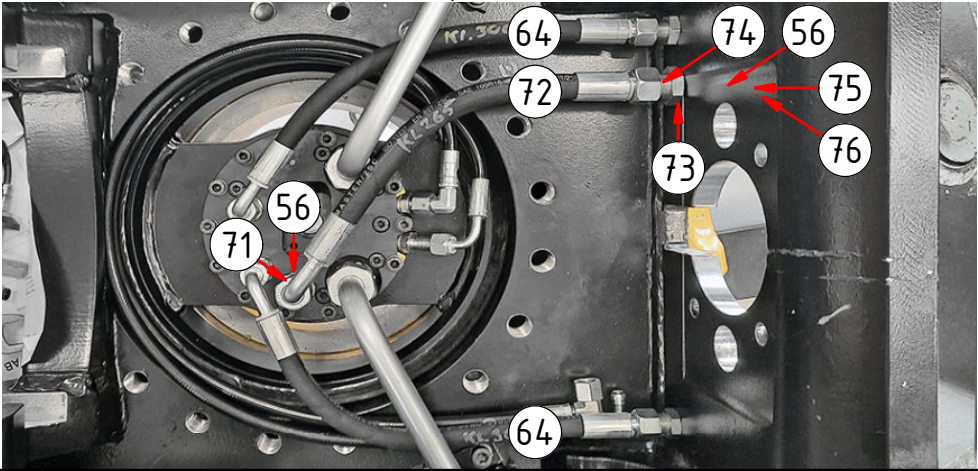


POS	DESCRIPTION	PART	QTY	COMMENTS
49	Hose Lock A	7001876	1	
50	Hose Lock B	7001893	1	
52	Hose Extra a EC-Oil	7000681	1	
53	Hose Extra b EC-Oil	7001874	1	
56	Washer GBR08 1/2	710704	1	QTY: 2 w/o EC-Oil
59	Pipe Extra QS80 QSM	1072343	2	
64	Hose Extra 2	7001894	2	Dbl.Extra
71	Adapter 136-08-08 (1/2")	710108	1	Drain. Remove plug fr. connectionbl.
72	Hose Drain	7001875	1	Drain
73	Counternut 1270-08 (1/2")	710252	1	Drain
74	Adapter 1260-08-08 (1/2")	710244	1	Drain
75	Quick coupling 1/2"	790115	1	Drain
76	Dust Protection 1/2"	790121	1	Drain

EC-Oil:

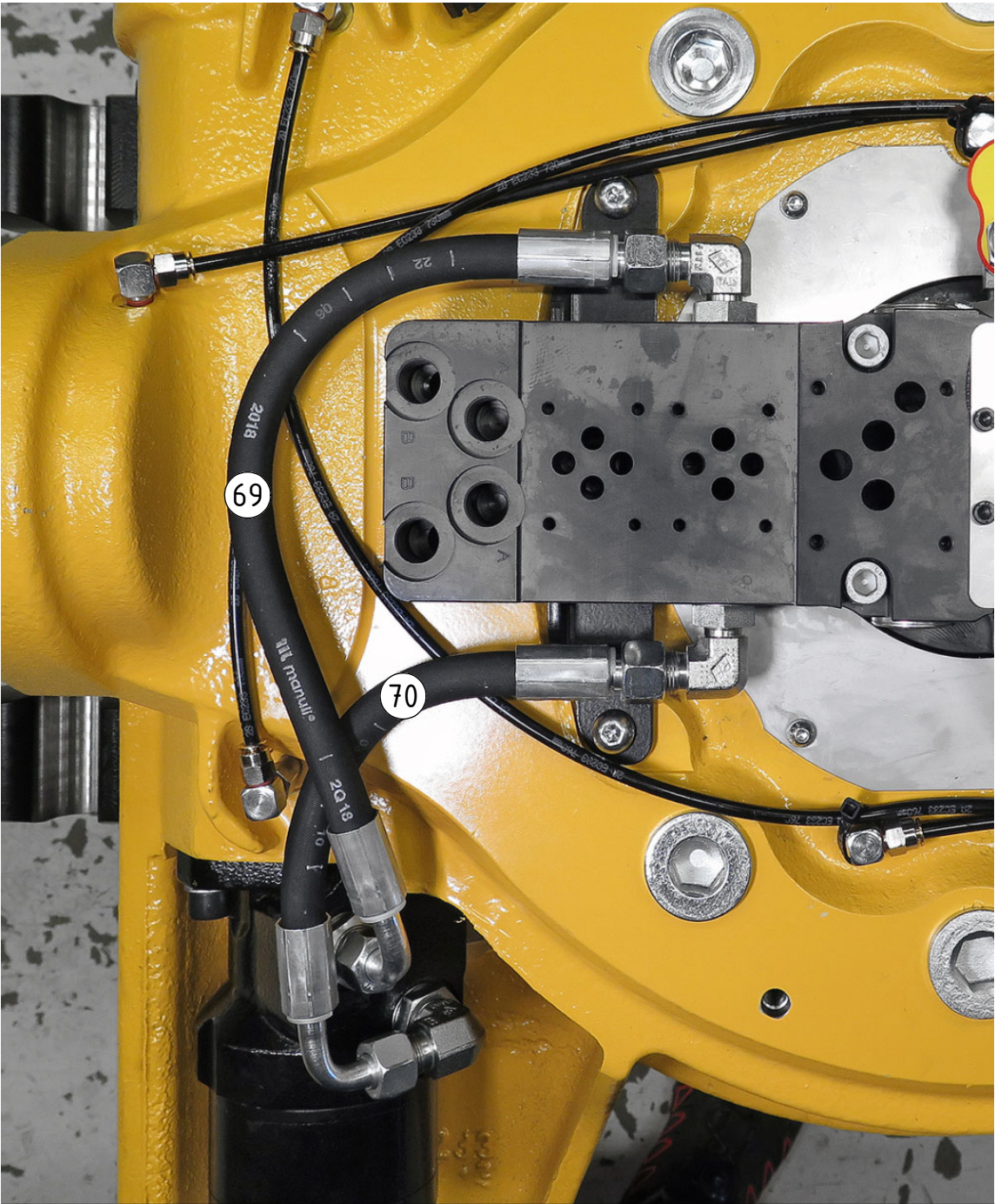


Without ECO - Options Dbl.Extra, Drain:



POS in order of assembly

Motor hoses



POS	DESCRIPTION	PART	QTY	COMMENTS
69	Hose hydraulic motor Long	7000451	1	
70	Hose hydraulic motor Short	7000903	1	

POS in order of assembly