

COVERSHEET

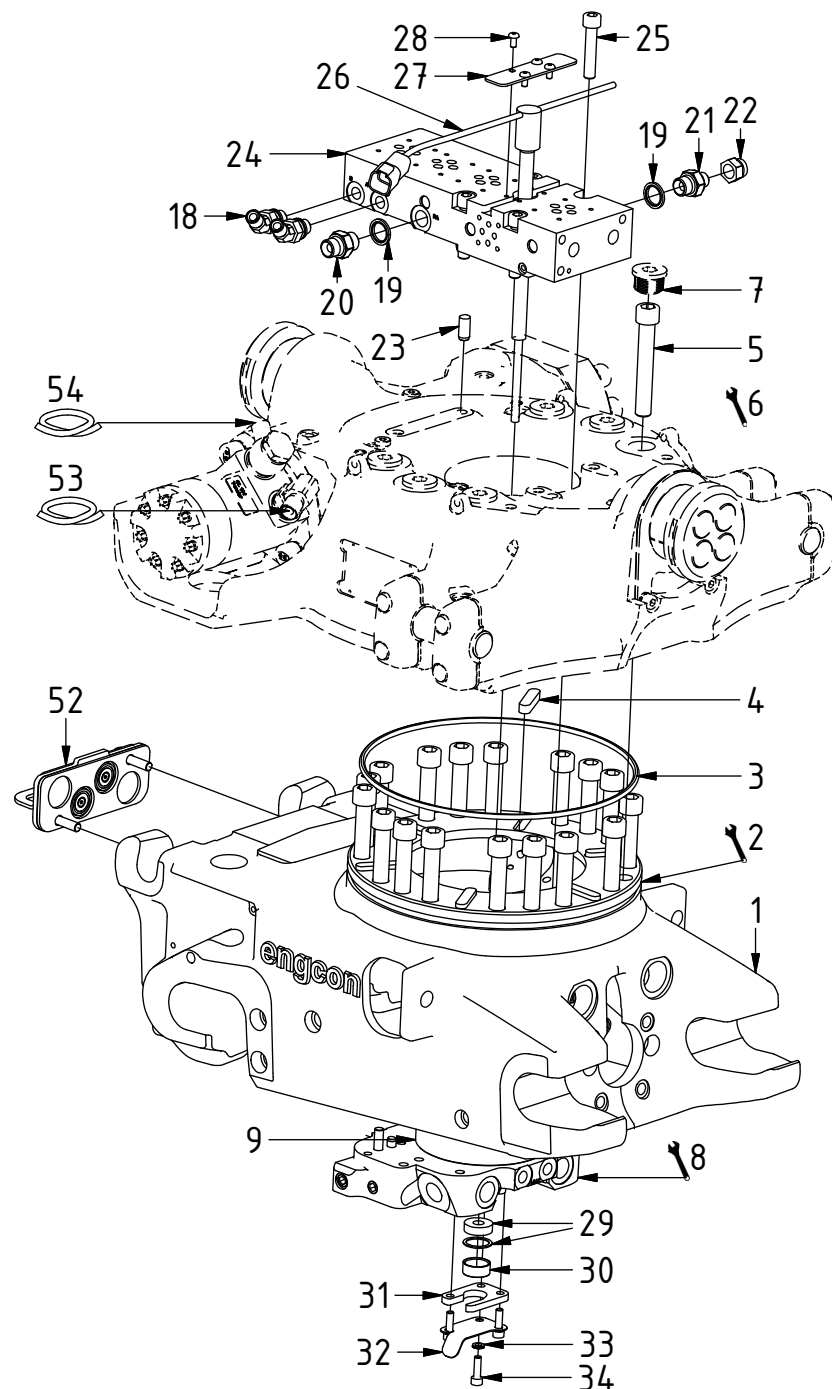
Planned document changes:

Briefly:

No planned changes.

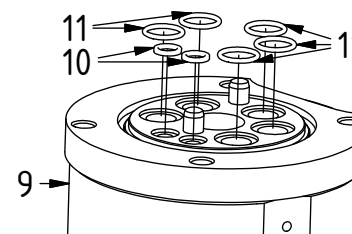
Document changes:

Date:	Change:	Rev. after change:
2021-09-08	Visual error corrected.	F
2021-04-19	Quick hitch replaced. Spare parts page added.	E
2021-01-15	Missing torque added.	D
2020-07-06	Adapter dimensions corrected.	C
2020-05-06	Visual error corrected.	B
2020-03-13	Screws for cover plates updated.	A
2020-02-18	New instruction.	-



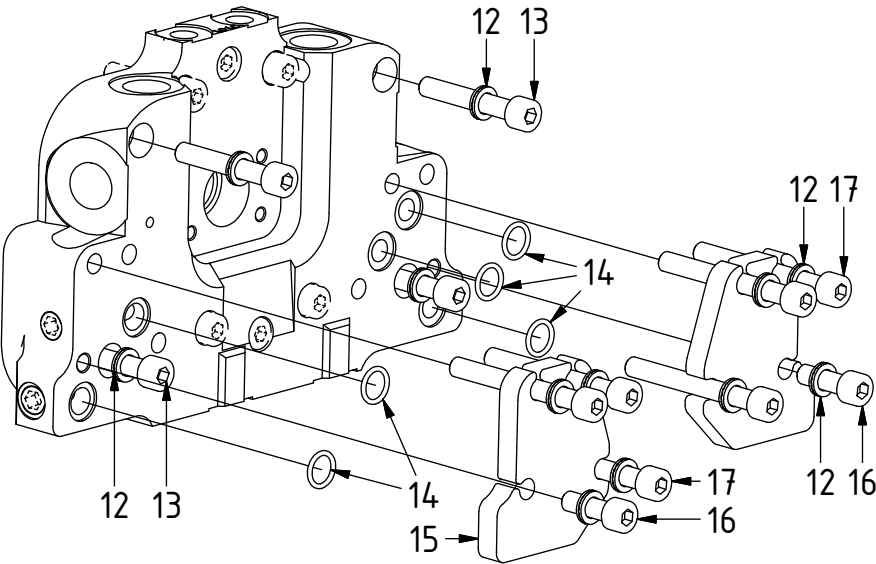
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QSM45 V2 EC209	1062324	1	
2	Grease the ring			
3	O-ring	710965	1	
4	Feather Key	650101	6	
5	MC6S M14x90 12.9 ZFSL	6000158	18	Torque: 217Nm
6	Torque tighten quick hitch to rotator frame, six holes. Rotate to access the remaining holes			
7	Pipe plug M26x1,5	650409	6	Part of rotator frame assembly
8	See p.3 connection block config.			
9	Connect. block & swivel QSM Compl.	1056225	1	See "Valve blocks & swivels"
10	O-ring 7,66x1,68 square	7000579	2	
11	O-ring 14x1,78 70 shore	710975	5	
18	Adapter 45° 402-04-04 (1/4")	7000104	4	Assemble before connecting valve block to swivel
19	Sealing washer GBR06 3/8"	710703	5	QTY: 7 for QSM-Q
20	Adapter 136-06-06 (3/8")	710106	2	
21	Adapter 135-04-06 (1/4"-3/8")	710118	1	
22	Protective Bonnet 155-04 (1/4")	711625	1	
23	Cylindrical pin ø10x24	1020539	1	
24	Valve Block QSM45	1052673	1	
25	MC6S M10x50 12.9 Geomet	611515	4	Loctite 2700. Torque: 79Nm
26	Slip ring QSM45 M12	8001015	1	Mount with marine silicone
27	Cover plate slip ring	1050384	1	
28	K6S M5x10 10.9	611817	4	
29	Rubber bushing	1046691	1	Use the outer ring. Washer down
30	Ring slip ring QSM	1046692	1	
31	Plate slip ring QSM	1046689	1	
32	Plate cable steering QSM	1046694	1	
33	Washer NordLock M6	611039	3	
34	MC6S 6x20 8.8 FZB	610310	3	
52	Cover plate QSM45 magnet	1056107	1	Only for QSM-Q
53	Hose hydraulic motor Short QSM	7001306	1	
54	Hose hydraulic motor Long QSM	7001307	1	

O-rings between POS.9 & 24:

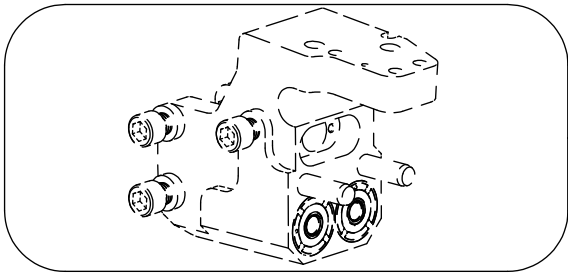


EC209 - QSM45

Standard

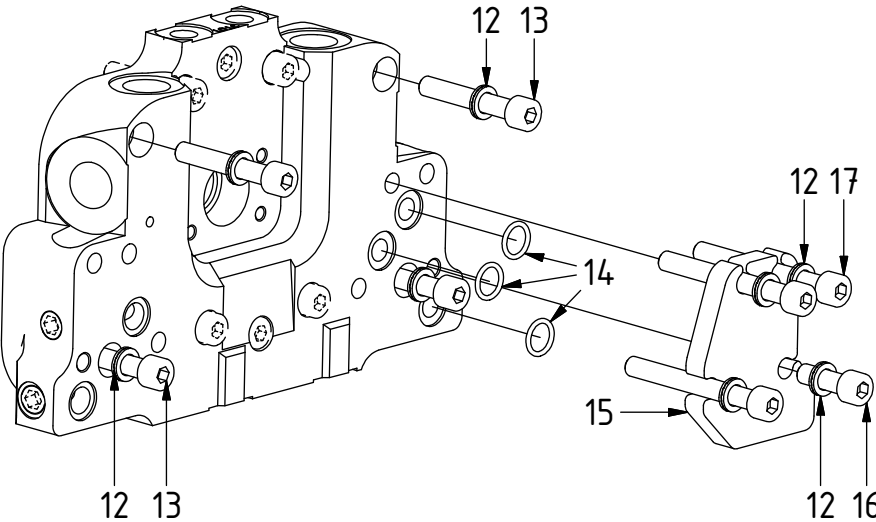


POS	DESCRIPTION	PART	QTY	COMMENTS
12	Washer NL 8mm	611040	12	
13	MC6S 8x50H 12.9	610439	4	
14	O-ring 12,42x1,78	710973	5	
15	Cover plate QSM45	1056687	2	
16	MC6S M8x25 12.9 ZFSL	6000143	2	
17	MC6S M8x70 12.9 ZFSL	6000286	6	

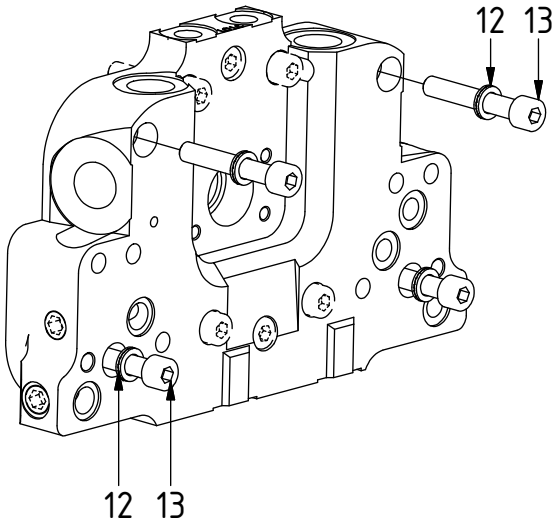


See instruction,
EC-Oil components

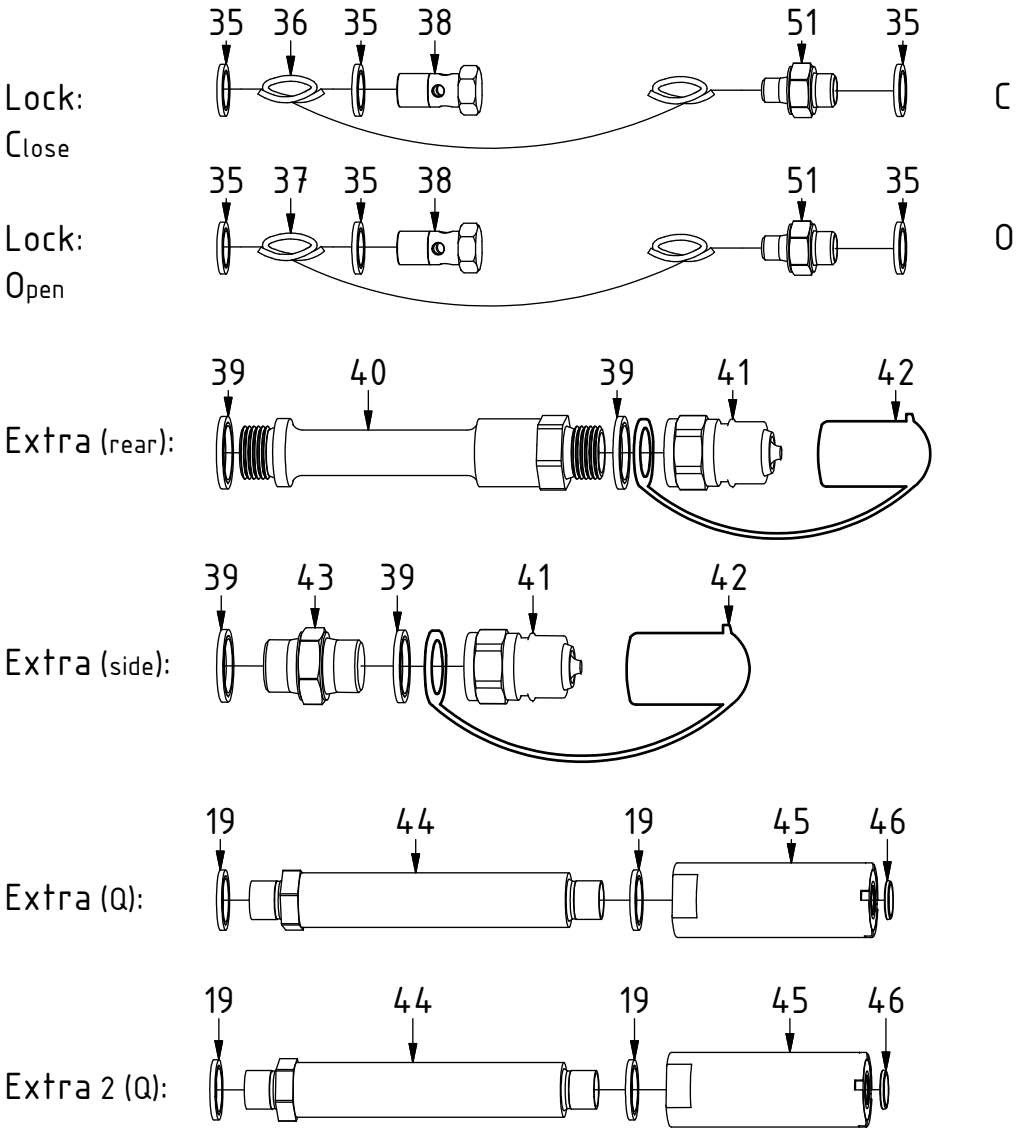
EC-Oil 1bl.



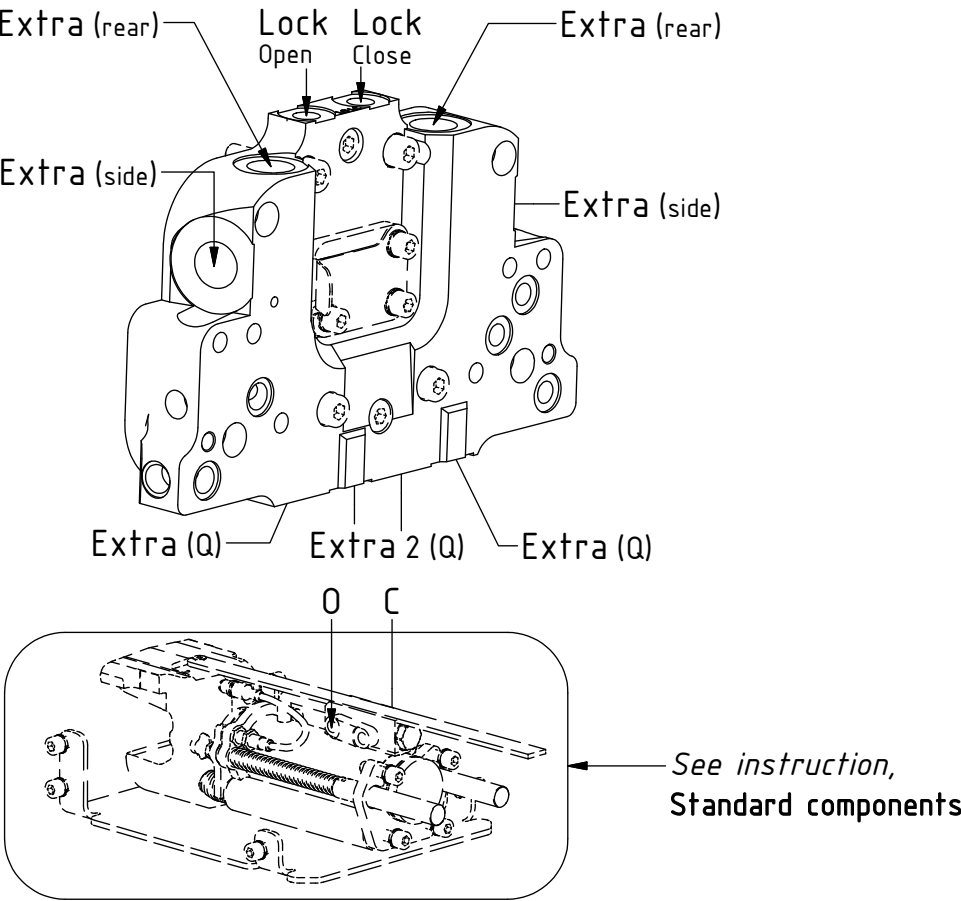
EC-Oil 2bl.



QSM-Q

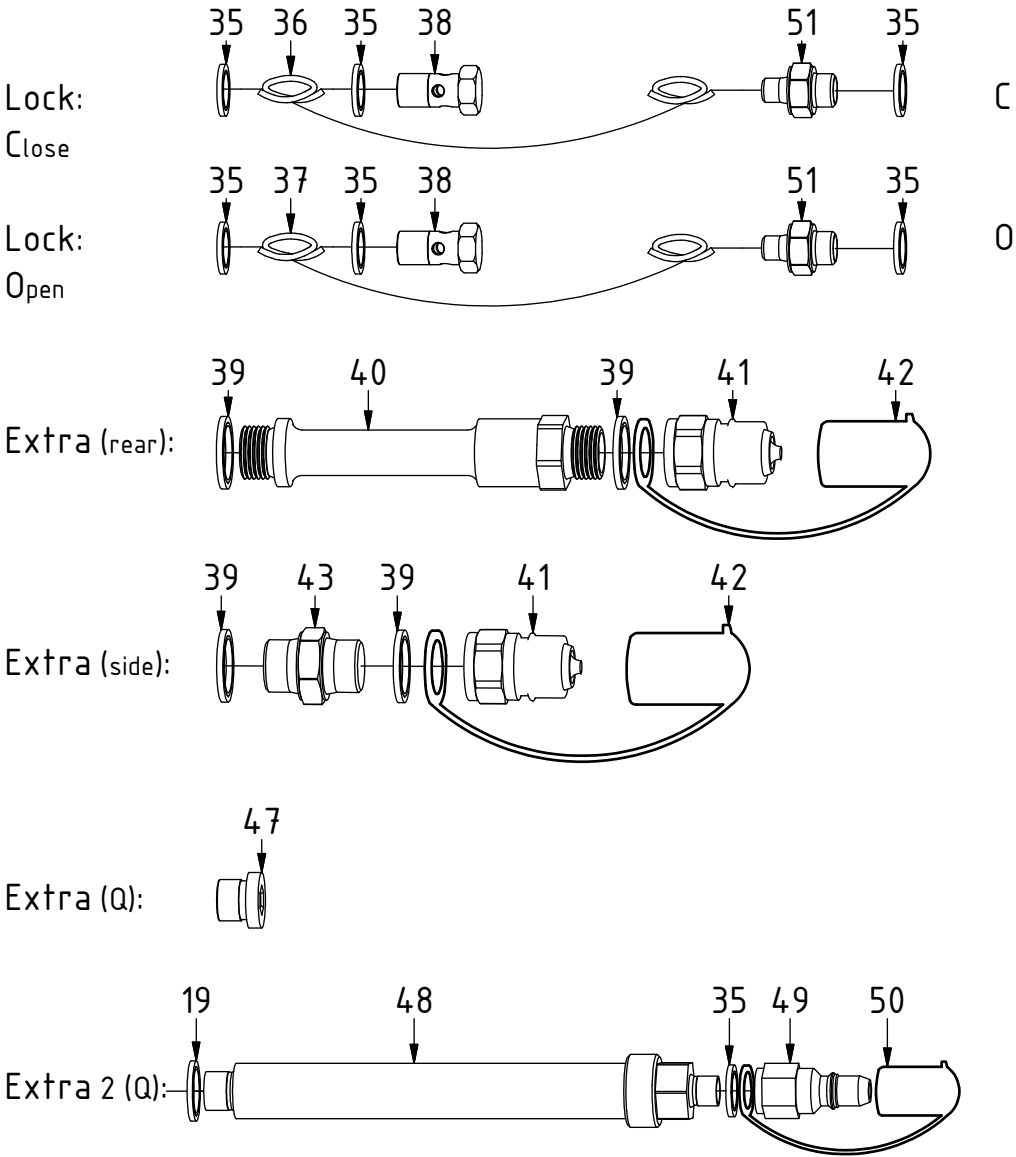


POS	DESCRIPTION	PART	QTY	COMMENTS
19	Sealing washer GBR06 3/8"	710703	5	QTY: 7 for QSM-Q
35	Washer GBR04 1/4	710702	8	QTY: 6 for QSM-Q
36	Hose Lock C	7001280	1	
37	Hose Lock O	7001279	1	
38	Banjo bolt 4451-04 (1/4")	710271	2	
39	Sealing washer 1/2"	710704	8	
40	Adapter extension 1/2" QSM45	1053175	2	
41	Quick coupling 1/2"	790115	4	
42	Dust Protection 1/2"	790121	4	
43	Adapter 1/2"	710108	2	
44	Adapter extension 3/8" QSM45	1053288	4	
45	Coupling ECO QSM 3/8" female V3	1055682	4	Loctite 2700. (POS.46 included)
46	Flat sealing for ECO 3/8" V3	1052976	4	
51	Adapter 135-02-04 (1/8"-1/4")	710103	2	

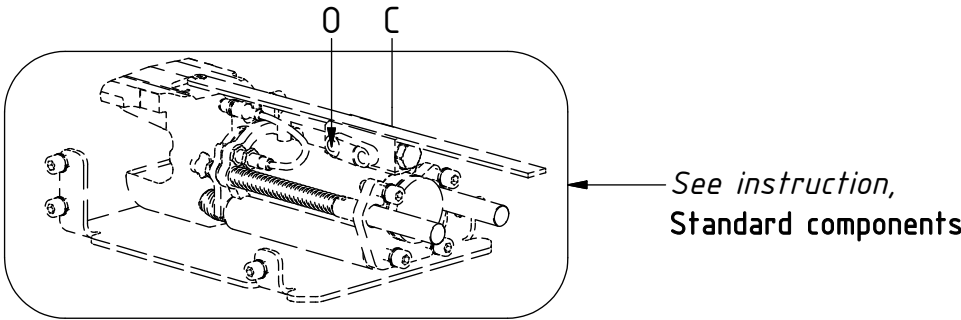
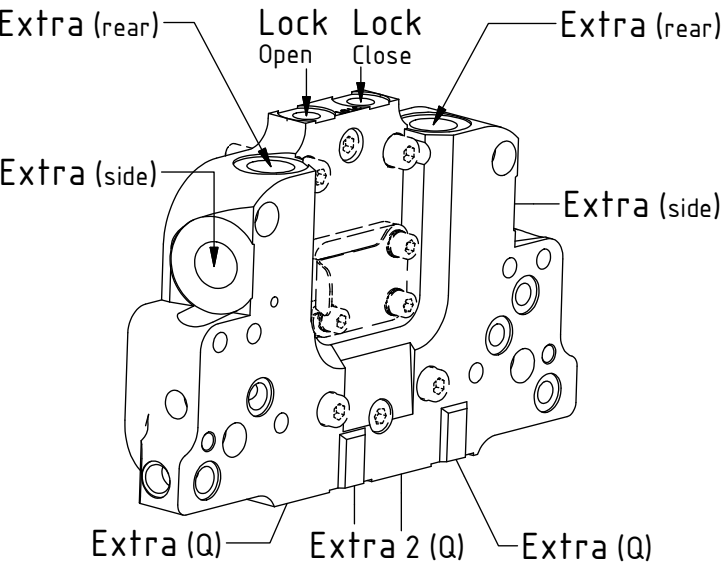


EC209 - QSM45

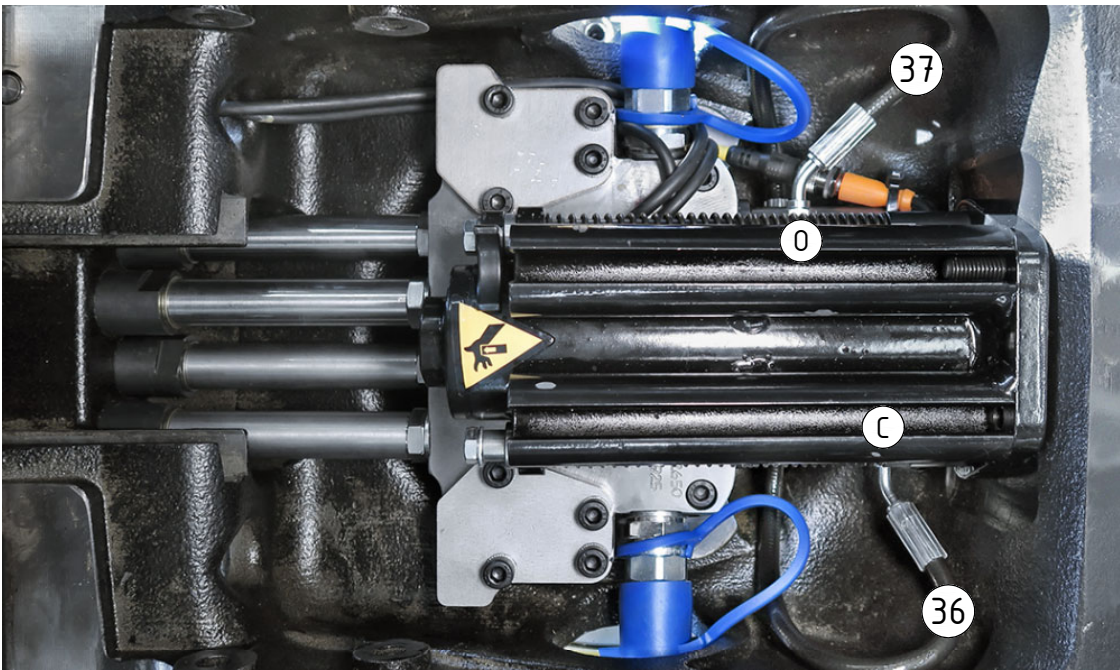
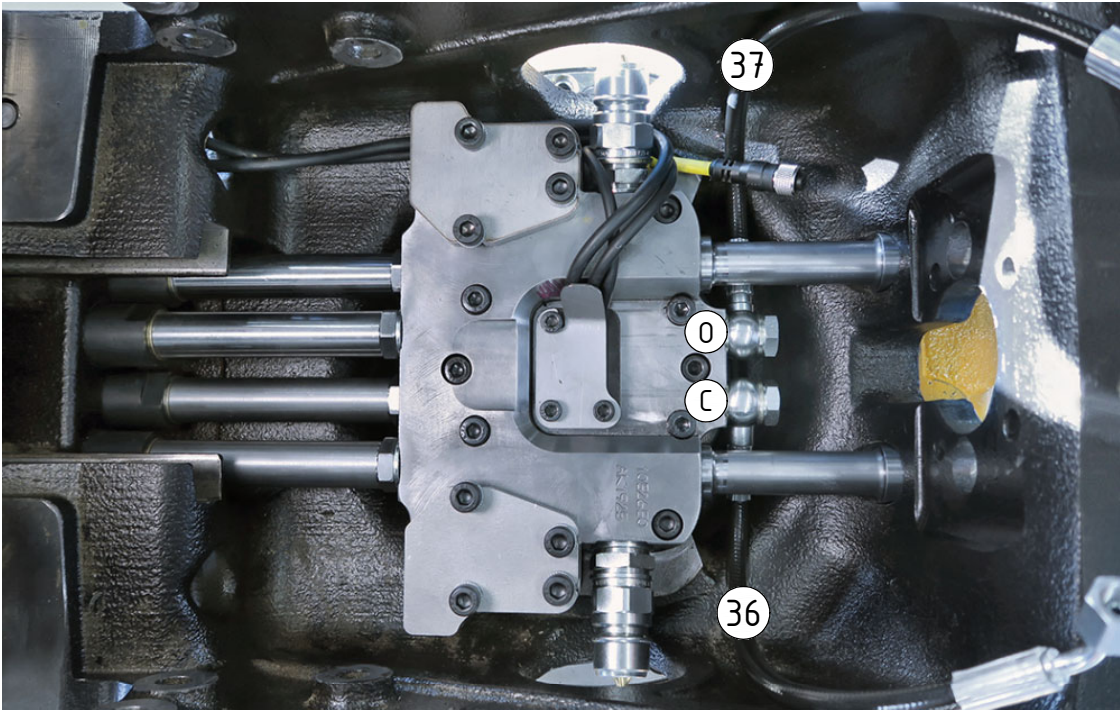
QSM



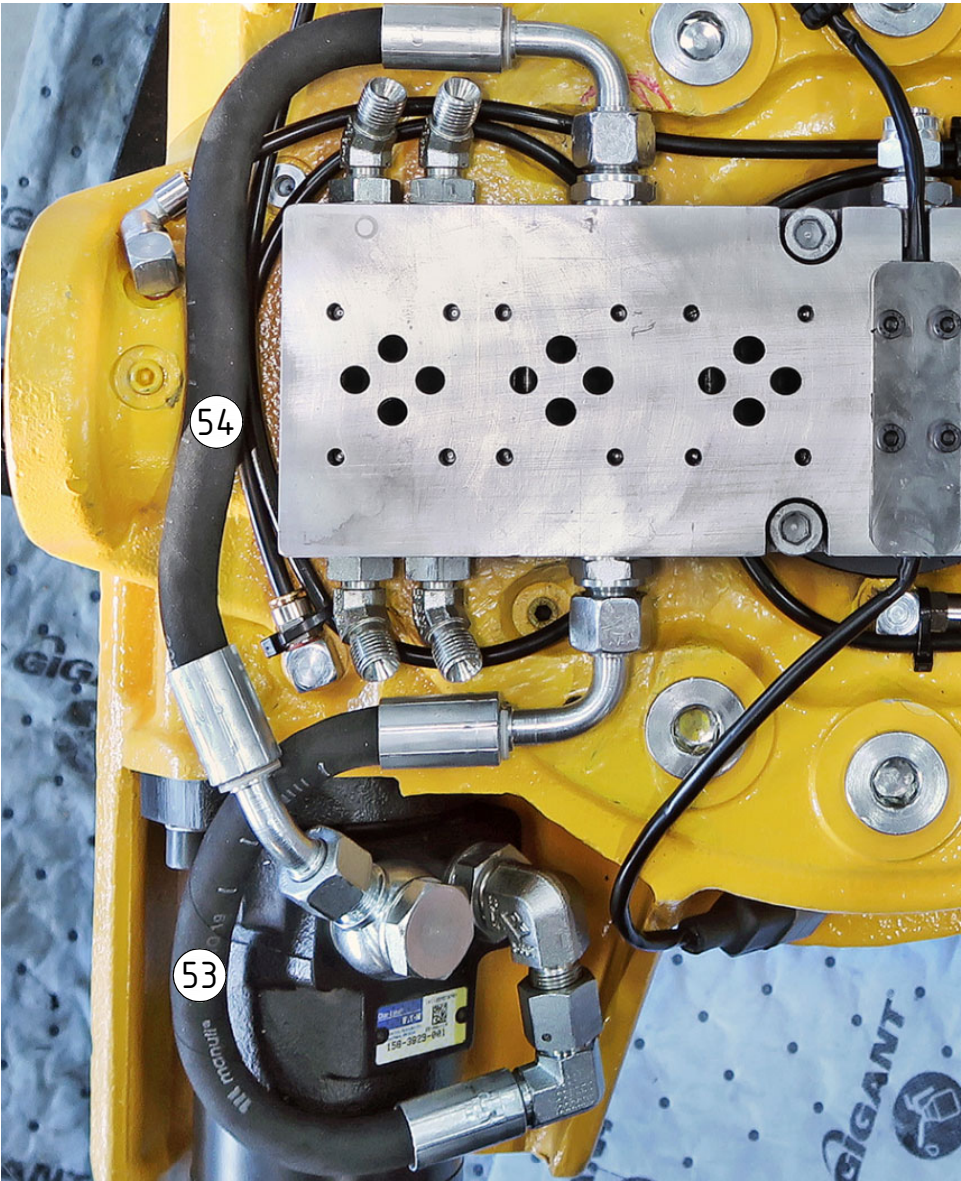
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35	Washer GBR04 1/4	710702	8	QTY: 6 for QSM-Q
36	Hose Lock C	7001280	1	
37	Hose Lock O	7001279	1	
38	Banjo bolt 4451-04 (1/4")	710271	2	
39	Sealing washer 1/2"	710704	8	
40	Adapter extension 1/2" QSM45	1053175	2	
41	Quick coupling 1/2"	790115	4	
42	Dust Protection 1/2"	790121	4	
43	Adapter 1/2"	710108	2	
47	Plug VSTIR38ED	711504	2	
48	Adapter 3/8"-1/4" GRD bolted	1057118	2	
49	Quick Coupler 1/4" Male 2520	790111	2	
50	Dust Protection 1/4"	790119	2	
51	Adapter 135-02-04 (1/8"-1/4")	710103	2	



EC209 - QSM45



POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock C	7001280	1	
37	Hose Lock O	7001279	1	
53	Hose hydraulic motor Short QSM	7001306	1	
54	Hose hydraulic motor Long QSM	7001307	1	



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

Related spare parts

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QSM45 V2 EC209	1062324	1	
55	Quick hitch QSM45 EC209	1052401	1	Replaced by POS.1 from 2021-03

POS in order of assembly

