EC209B - Hitch QSM50

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COVERSHEET

Planned document changes:

Breifly:
No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-11-11	Screws updated.	B
2023-12-08	Valve block screws must be tightened in cross pattern.	A
2023-04-26	New document.	-

Readers note:

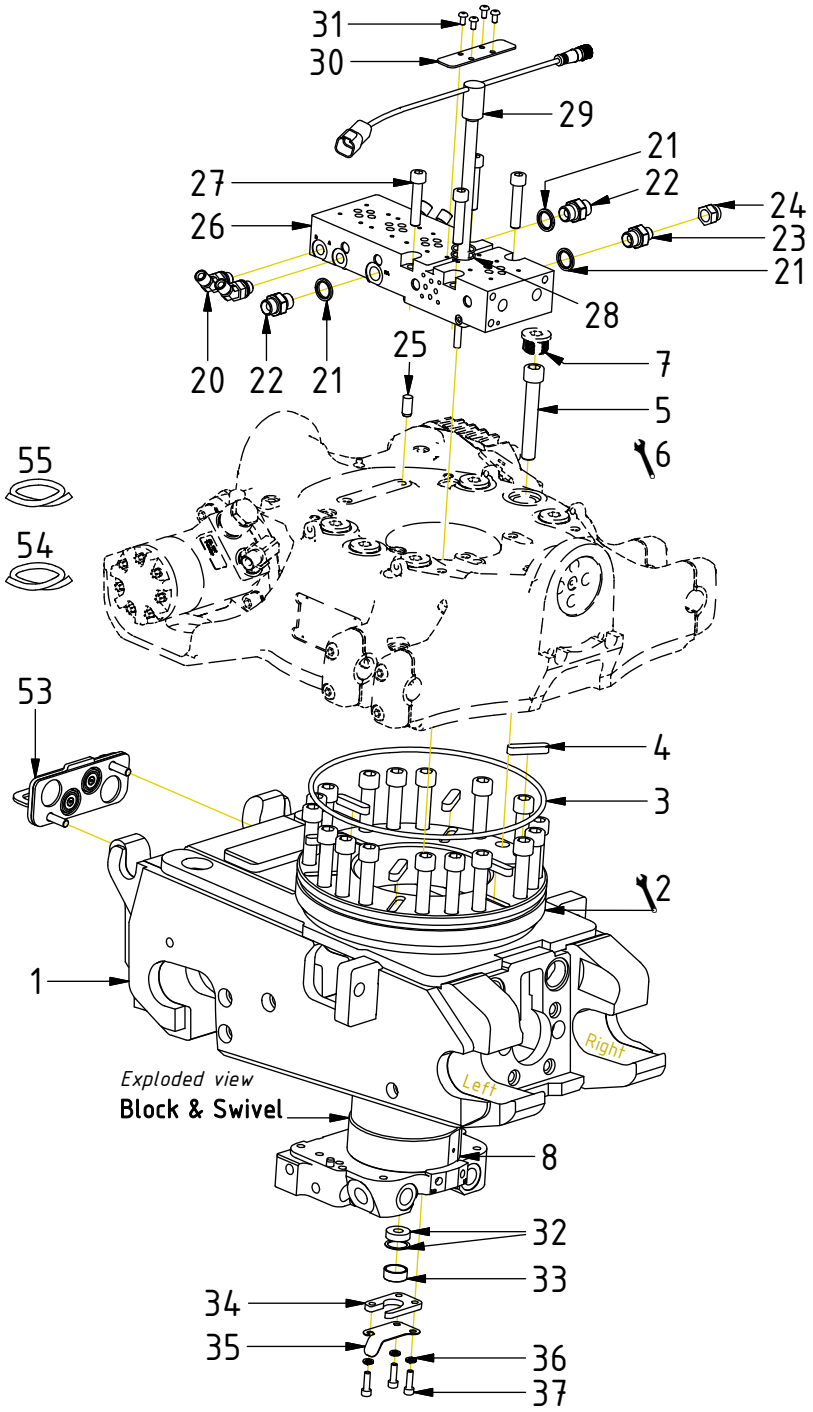
Indicates instruction.

Represents Hose.

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

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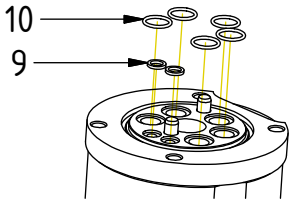


Exploded view
Block & Swivel

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QSM50 EC209B	1068000	1	
2	Grease the ring			
3	O-ring	7001663	1	
4	Feather Key	650101	6	
5	Screw MC6S M14x90 12.9 ZFSHL	6000158	18	Torque: 217Nm
6	Torque tighten rotator frame to hitch. Rotate to access all holes			
7	Pipe plug M26x1,5	650409	6	Part of rotator frame
8	Connect. block & swivel QSM Compl.	1069539	1	
9	O-ring 7,66x1,68 square	7000579	2	
10	O-ring 14x1,78 70 shore	710975	5	
20	Adapter 45° 402-04-04(1/4'')	7000104	4	Assemble before valve block
21	Washer GBR06 3/8	710703	11	
22	Adapter 136-06-06 (3/8'')	710106	2	
23	Adapter 135-04-06 (1/4''-3/8'')	710118	1	
24	Protective cap 155-04 (1/4'')	711625	1	
25	Cylindrical pin CPK ø10x24 m6	1020539	1	
26	Valve Block QSM	1052673	1	
27	Screw MC6S M10x50 12.9 ZFSHL	611515	4	Loxeal 83-52. Torque: 79Nm Tighten in cross pattern
28	O-ring 21,95x1,78	710983	2	(Incl. with valve block)
29	Slip ring QSM45 M12	8001015	1	Mount with marine silicone
30	Cover plate slip ring	1050384	1	
31	Screw K6S M5x10 10.9 FZB	6000408	4	
32	Rubber bushing	1046691	1	Use the outer ring. Washer down
33	Ring slip ring QSM	1046692	1	
34	Plate slip ring QSM	1046689	1	
35	Plate cable steering QSM	1046694	1	
36	Washer NL 6mm	611039	3	
37	Screw MC6S M6x20 8,8 FZB	610310	3	
53	Cover plate QSM45 magnet	1056107	1	
54	Hose hydraulic motor Short QSM	7001306	1	
55	Hose hydraulic motor Long QSM	7001307	1	

POS in order of assembly

Between swivel & valve block:



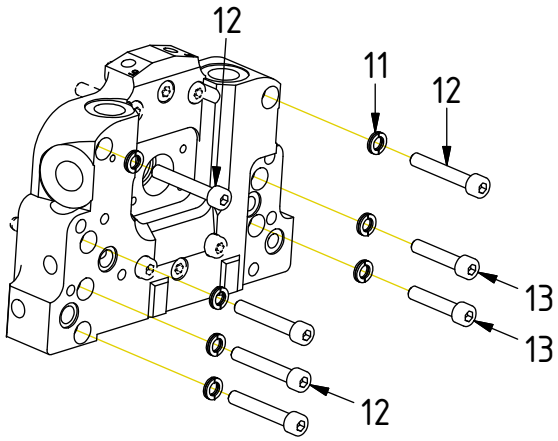
Photos on page 5.

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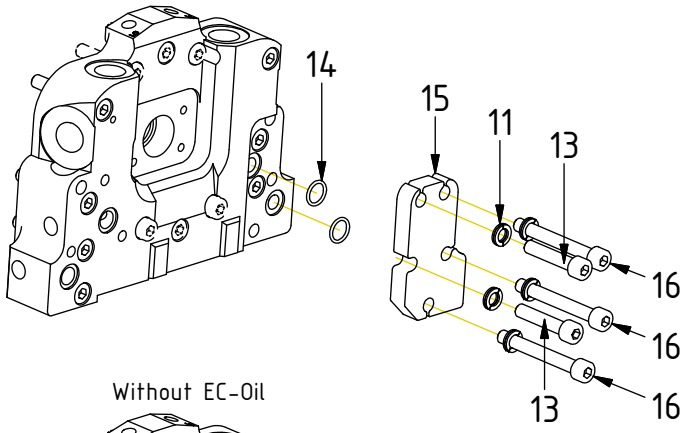
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POS	DESCRIPTION	PART	QTY	COMMENTS
11	Washer NL 8mm	611040	7	QTY depends on config. (7-16)
12	Screw MC6S M8x50 12.9	610439	5	
13	Screw MC6S M8x40 12.9 ZFSHL	6000145	2	QTY depends on config. (2-4) Torque: 40Nm
14	O-ring 12,42x1,78	710973	2	QTY: 4 without EC-Oil
15	Cover plate QSM50 Right	1067925	1	
16	Screw MC6S M8x65 12.9 ZFSHL	6000398	3	Torque: 40Nm
17	Cover plate QSM50 Left	1056687	1	
18	Screw MC6S M8x25 12.9 ZFSHL	6000143	3	Torque: 40Nm
19	Screw MC6S M8x70 12.9 ZFSHL	6000286	1	

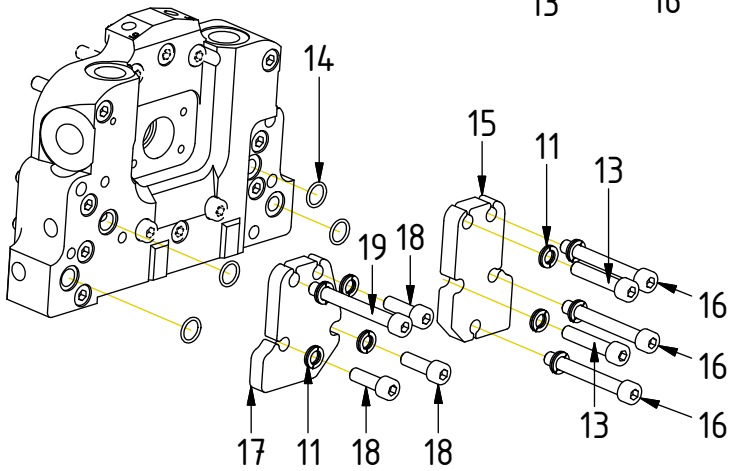
POS in order of assembly

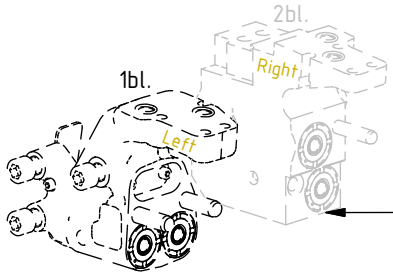


EC-Oil 1bl.



Without EC-Oil





Exploded view

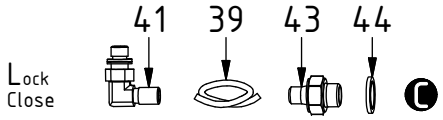
EC-Oil components

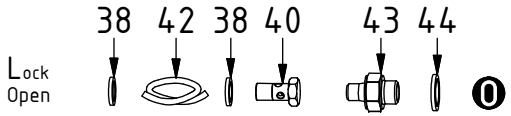
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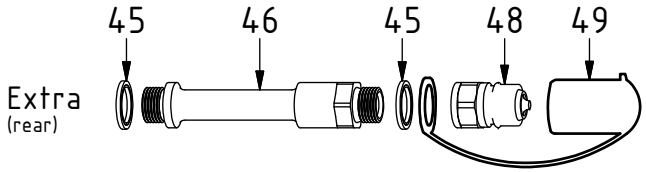
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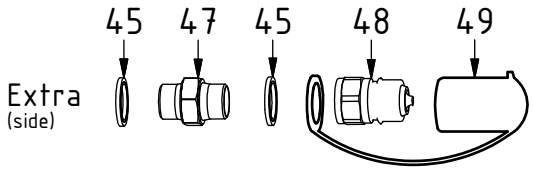
POS	DESCRIPTION	PART	QTY	COMMENTS
21	Washer GBR06 3/8	710703	11	
38	Washer GBR02 1/8	710701	2	
39	Hose Lock C	7001844	1	
40	Banjo bolt 4451-02 (1/8'')	710277	1	
41	Adapter 401-02-02 90° (1/8'')	710293	1	
42	Hose Lock O	7001843	1	
43	Adapter 135-02-04 (1/8''-1/4'')	710103	2	
44	Washer GBR04 1/4	710702	2	
45	Washer GBR08 1/2	710704	8	
46	Adapter extension 1/2" QSM45	1053175	2	
47	Adapter 136-08-08 (1/2'')	710108	2	
48	Quick coupling 1/2"	790115	4	
49	Dust Protection 1/2"	790121	4	
50	Adapter extension 3/8" QSM45	1053288	4	
51	Coupling ECO QSM 3/8" female V3	1055682	4	Loxeal 83-52. (POS.52 incl.)
52	Flat sealing for ECO 3/8" V3	1052976	4	

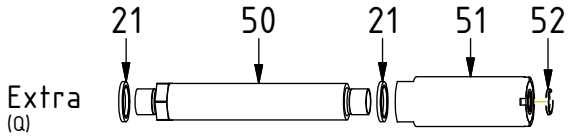
POS in order of assembly

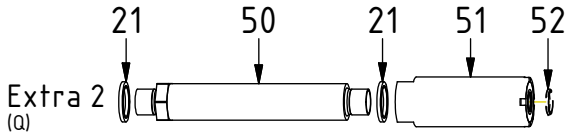


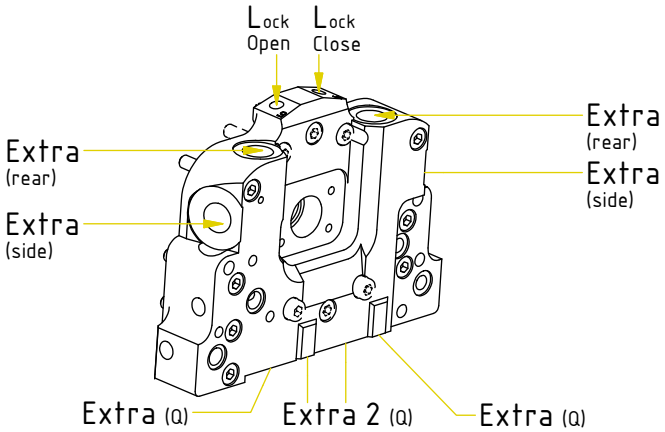


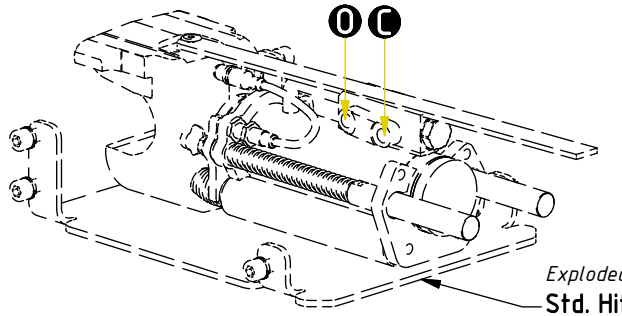












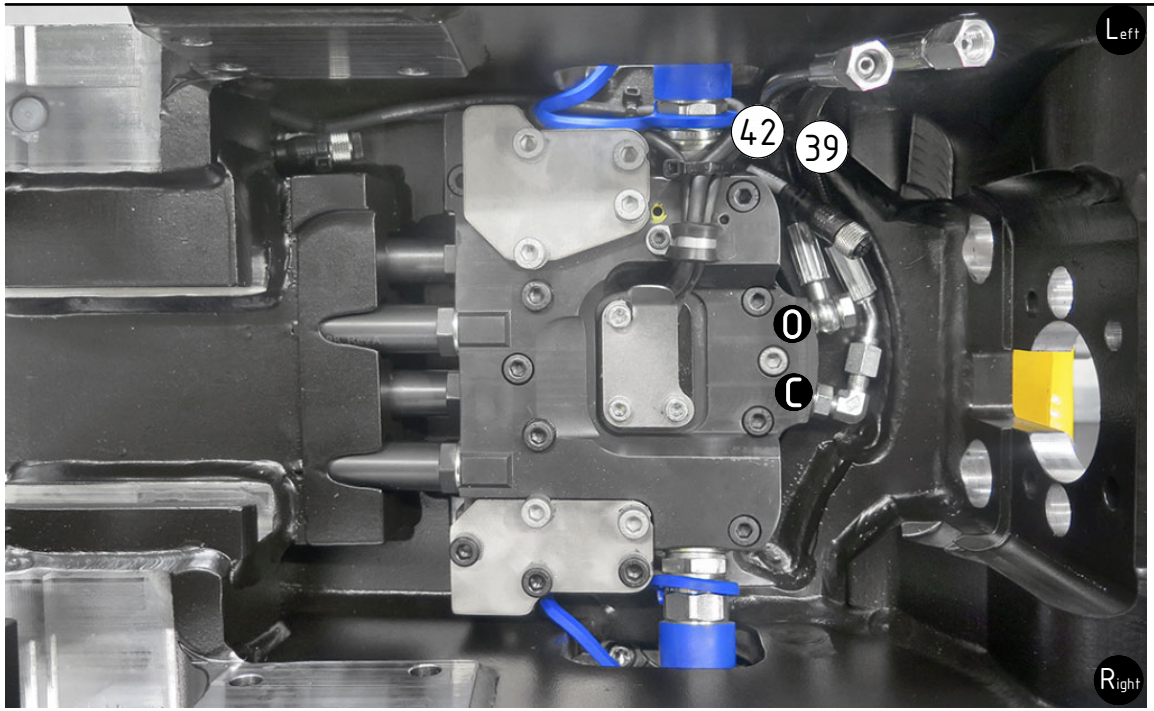
Exploded view

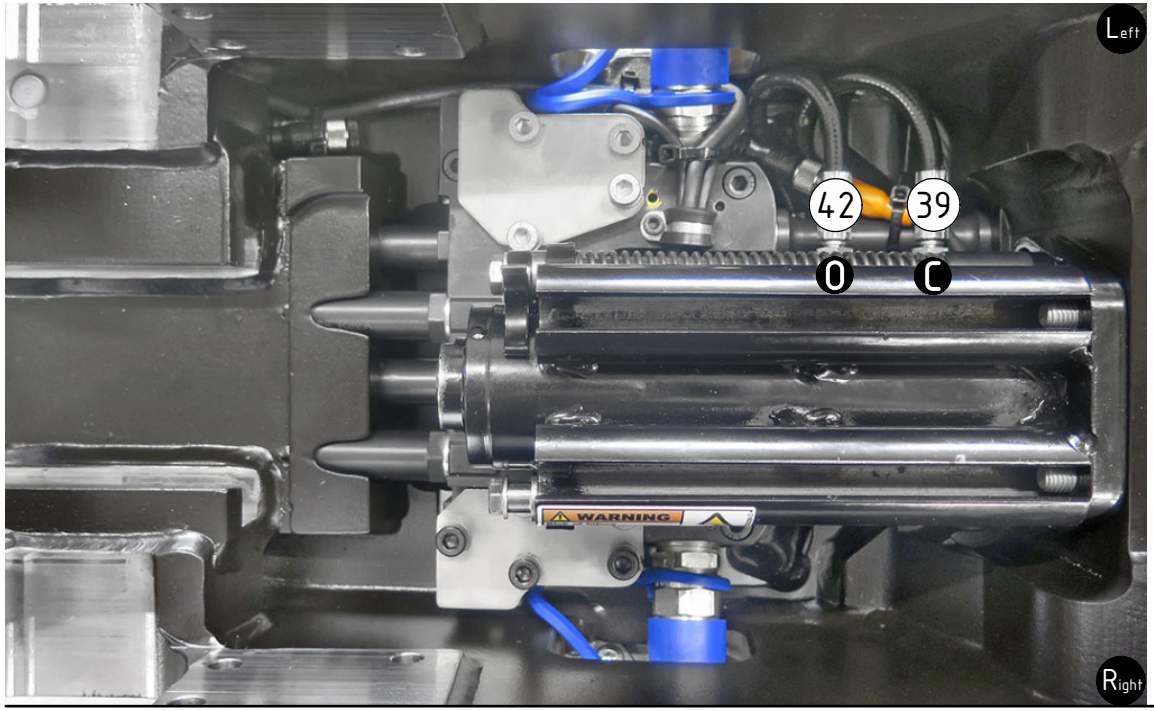
Std. Hitch components

Photos on page 5.

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54	Hose hydraulic motor Short QSM	7001306	1	
55	Hose hydraulic motor Long QSM	7001307	1	

POS in order of assembly

