

EC309 - Hitch S50
COVERSHEET

Planned document changes:

Briefly:
2026-08-17. Correct slip ring assy., no marine silicone.
2026-08-13. POS.26 and 29: Loxeal updated to 83-52.

Document changes:

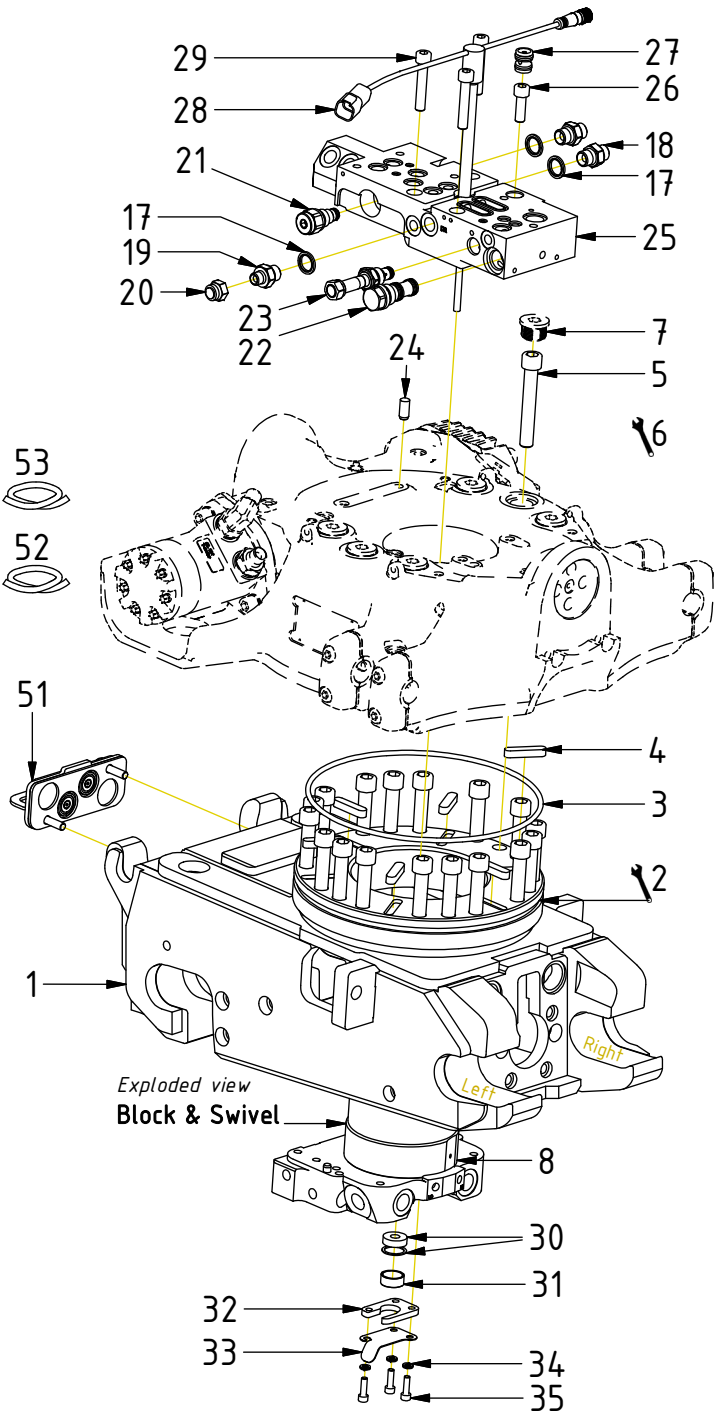
Date:	Change:	Rev. after change:
2026-04-30	New document.	-

Readers note:

 Indicates instruction.

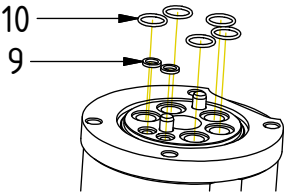
 Represents Hose.

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



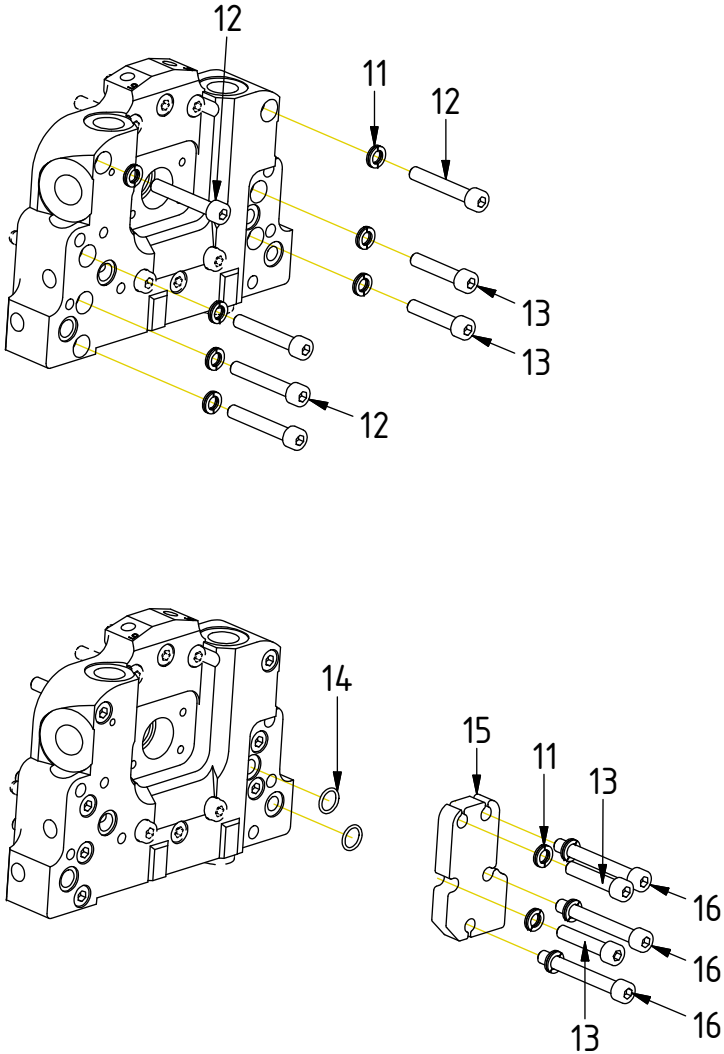
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QSM50/S50 EC209B/309	1068000	1	
2	Grease the ring			
3	O-ring	7001663	1	
4	Feather Key	650101	6	
5	Screw MC6S M14x90 12.9 ZFSL	6000158	18	Torque: 217Nm
6	Torque tighten rotator frame to hitch. Rotate to access all holes			
7	Pipe plug M26x1,5	650409	6	Part 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	
11	Washer GBR06 3/8	710703	11	
12	Adapter 136-06-06 (3/8'')	710106	2	
13	Adapter		1	
14	Protective cap		1	
15	Checkvalve R08S-203	7001758	1	
16	Compensator L10S-3C00-0N LS	7001926	1	
17	Valve E08N-22K	7001923	1	
18	Cylindrical pin CPK ø10x24 m6	1020539	1	
19	Valve block bottom EC309	1076175	1	
20	Screw MC6S M10x30 12.9 ZFSL	612018	1	Loxal 55-02. Torque: 79Nm
21	LS plug	1076618	1	
22	Slip ring QSM M12	8001015	1	Mount with marine silicone
23	Screw MC6S M10x55 12.9 ZFSL	612022	3	Loxal 55-02. Torque: 79Nm
24	Rubber bushing	1046691	1	Use the outer ring. Washer down
25	Ring slip ring	1046692	1	
26	Plate slip ring	1046689	1	
27	Plate cable steering	1046694	1	
28	Washer NL 6mm	611039	3	
29	Screw MC6S M6x20 8,8 FZB	610310	3	
30	Cover plate magnet	1056107	1	
31	Hose hydraulic motor Long	7002079	1	
32	Hose hydraulic motor Short	7002080	1	

Between swivel & valve block:

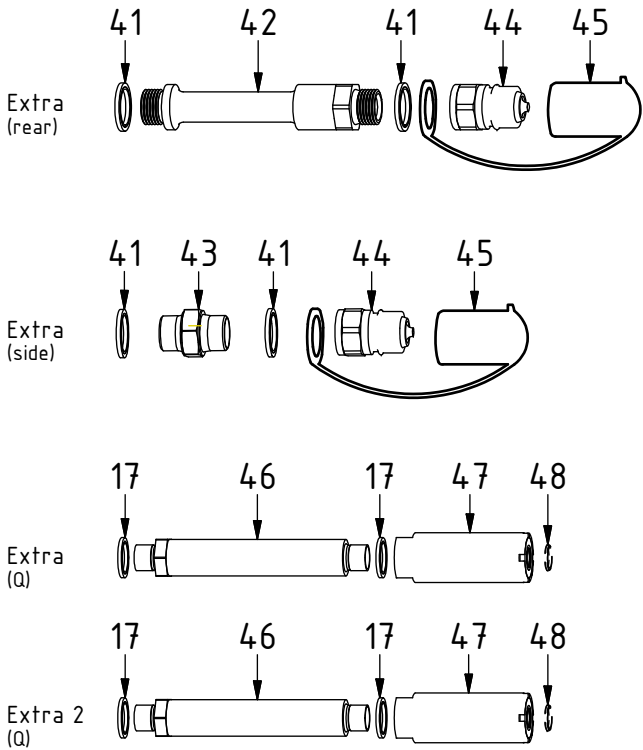
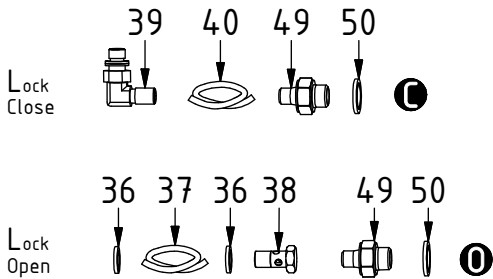


POS	DESCRIPTION	PART	QTY	COMMENTS
11	Washer NL 8mm	611040	12	
12	Screw MC6S M8x50 12.9	610439	5	
13	Screw MC6S M8x40 12.9 ZFSL	6000145	4	Torque: 40Nm
14	O-ring 12,42x1,78	710973	2	
15	Cover plate QSM50	1067925	1	
16	Screw MC6S M8x65 12.9 ZFSL	6000398	3	Torque: 40Nm

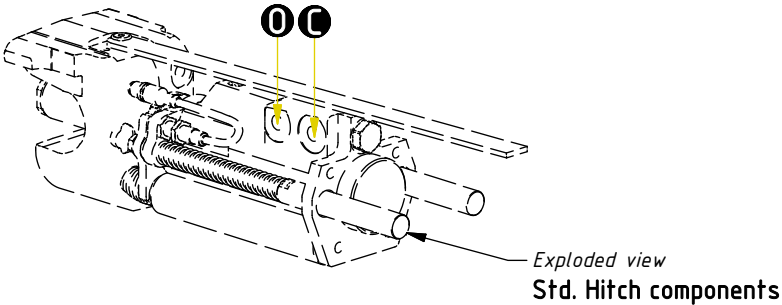
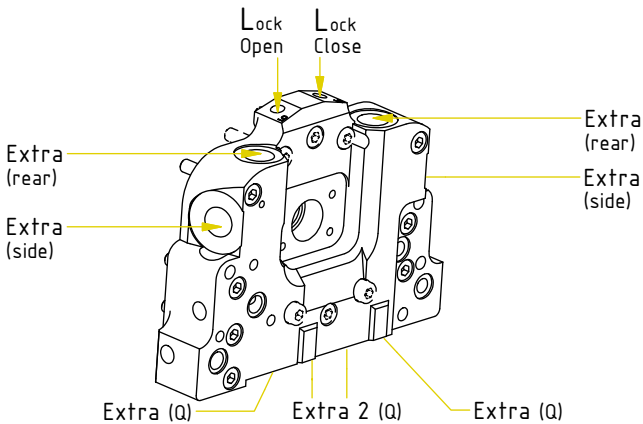
POS in order of assembly

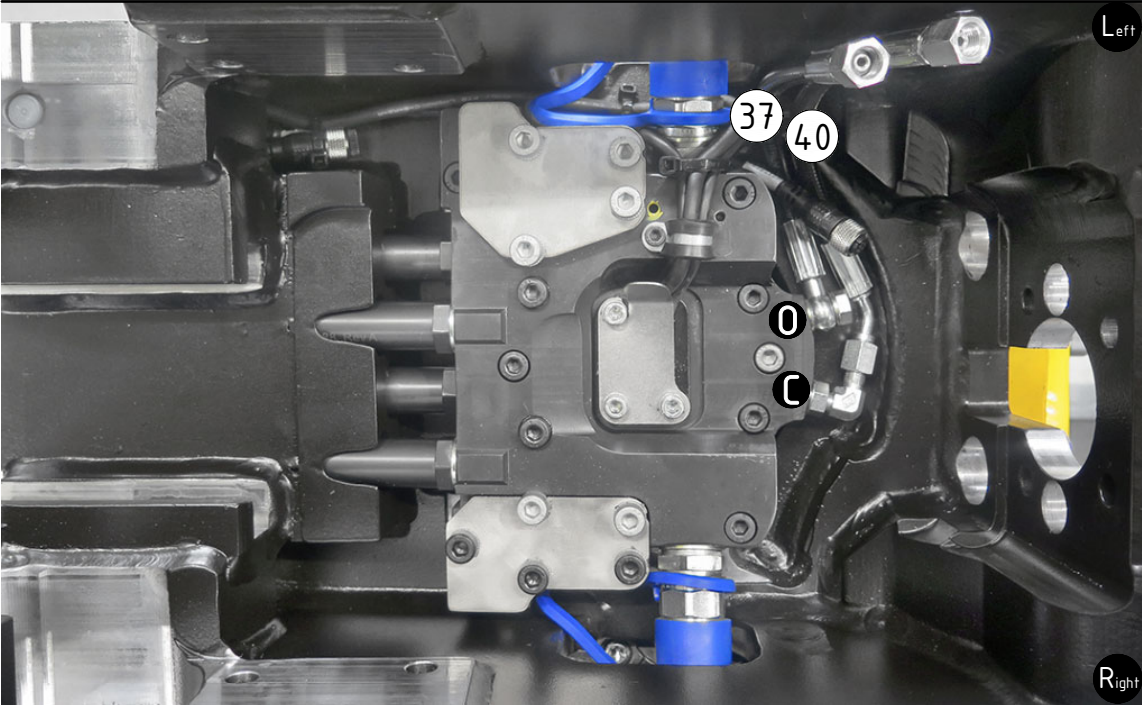


Exploded view
EC-Oil components



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





POS	DESCRIPTION	PART	QTY	COMMENTS
37	Hose Lock O	7001843	1	
40	Hose Lock C	7001844	1	
52	Hose hydraulic motor Long	7002079	1	
53	Hose hydraulic motor Short	7002080	1	

