

EC309 - Hitch S45
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:

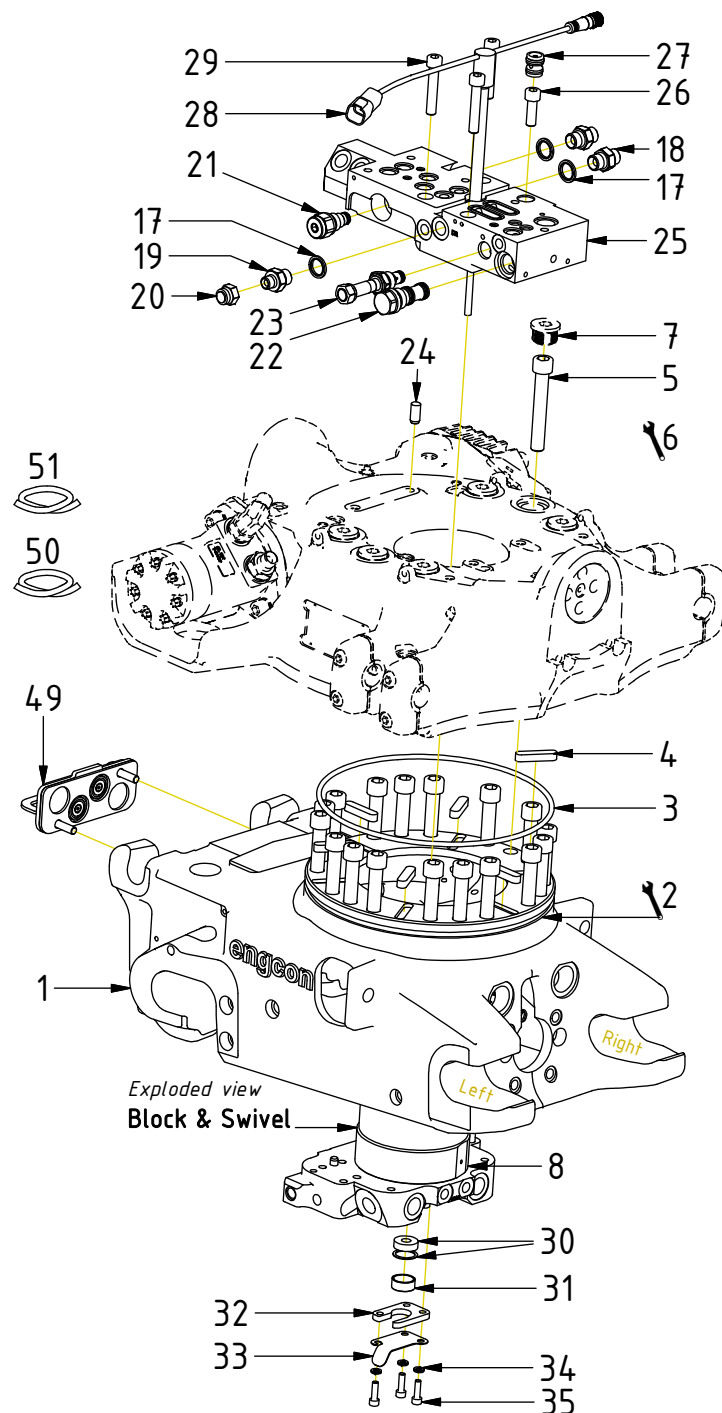
Date:	Change:	Rev. after change:
2025-11-19	Photos added.	A
2025-08-19	New document.	-

Readers note:

 Indicates instruction.

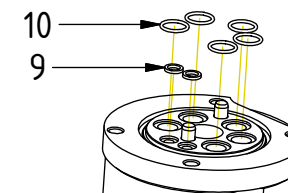
 Represents Hose.

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



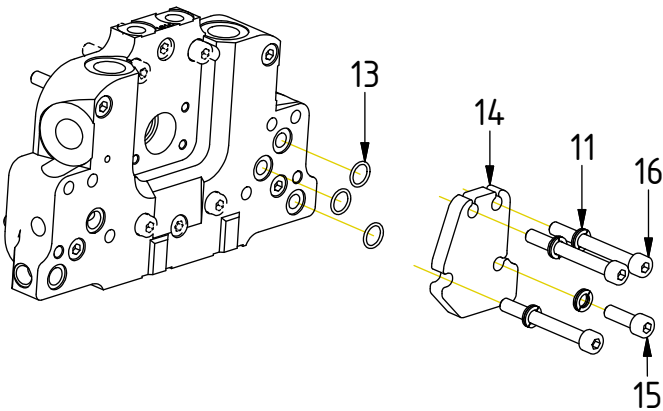
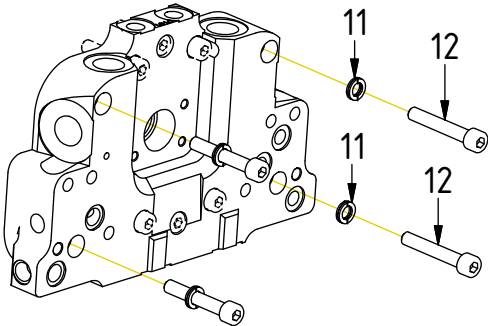
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Quick hitch QSM45/S45 EC209B/309	1062324	1	
2	Grease the ring			
3	O-ring	7001663	1	
4	Feather Key	650101	6	
5	Screw MC6S M14x90 12.9 ZFSHL	6000158	18	Torque: 217Nm
6	Torque tighten rotator frame to hitch. Rotate to access all holes			
7	Pipe plug M26x1,5	650409	6	Part of rotator frame
8	Connect. block & swivel QSM Compl.	1056225	1	
9	O-ring 7,66x1,68 square	7000579	2	
10	O-ring 14x1,78 70 shore	710975	5	
17	Washer GBR06 3/8	710703	11	
18	Adapter 136-06-06 (3/8")	710106	2	
19	Adapter		1	
20	Protective cap		1	
21	Checkvalve R08S-203	7001758	1	
22	Compensator L10S-3C00-0N LS	7001926	1	
23	Valve E08N-22K	7001923	1	
24	Cylindrical pin CPK ø10x24 m6	1020539	1	
25	Valve block bottom EC309	1076175	1	
26	Screw MC6S M10x30 12.9 ZFSHL	612018	1	Loxal 55-02. Torque: 79Nm
27	LS plug	1076618	1	
28	Slip ring QSM M12	8001015	1	Mount with marine silicone
29	Screw MC6S M10x55 12.9 ZFSHL	612022	3	Loxal 55-02. Torque: 79Nm
30	Rubber bushing	1046691	1	Use the outer ring. Washer down
31	Ring slip ring	1046692	1	
32	Plate slip ring	1046689	1	
33	Plate cable steering	1046694	1	
34	Washer NL 6mm	611039	3	
35	Screw MC6S M6x20 8,8 FZB	610310	3	
49	Cover plate magnet	1056107	1	
50	Hose hydraulic motor Long	7002079	1	
51	Hose hydraulic motor Short	7002080	1	

Between swivel & valve block:

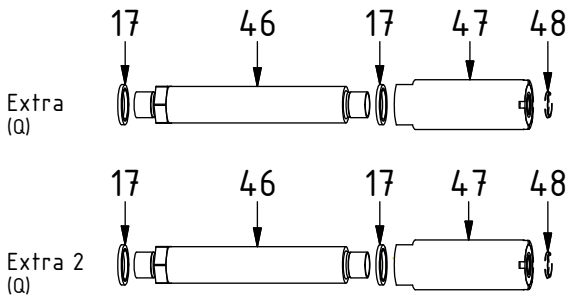
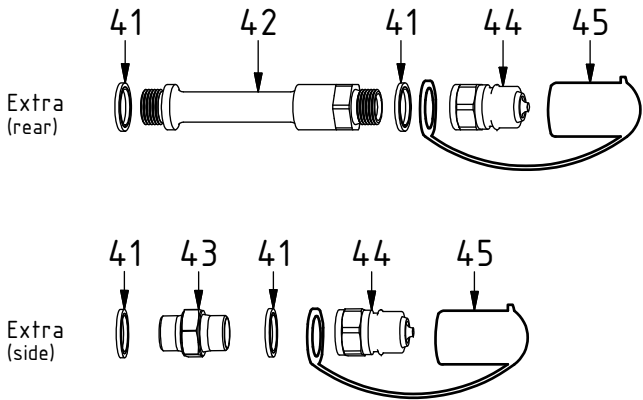
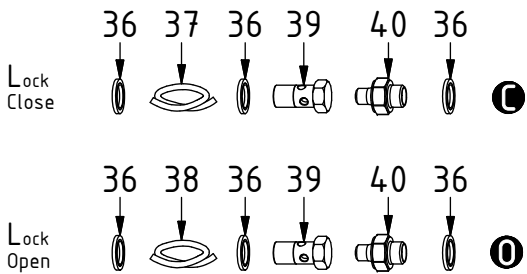


POS	DESCRIPTION	PART	QTY	COMMENTS
11	Washer NL 8mm	611040	14	
12	Screw MC6S M8x50 12.9	610439	4	
13	O-ring 12,42x1,78	710973	3	
14	Cover plate QSM45	1056687	1	
15	Screw MC6S M8x25 12.9 ZFSL	6000143	1	Torque: 40Nm
16	Screw MC6S M8x70 12.9 ZFSL	6000286	3	Torque: 40Nm

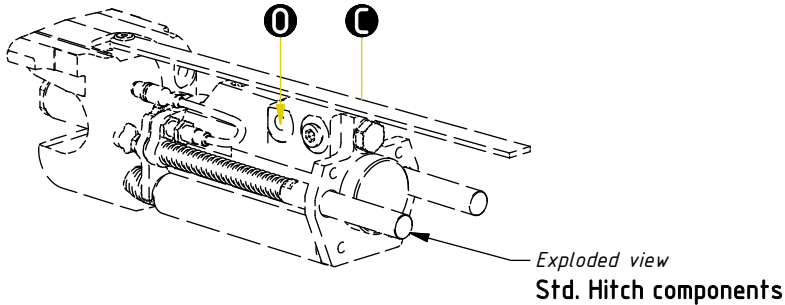
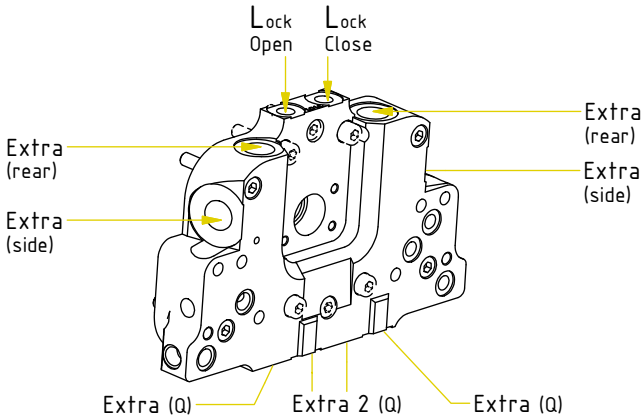
POS in order of assembly

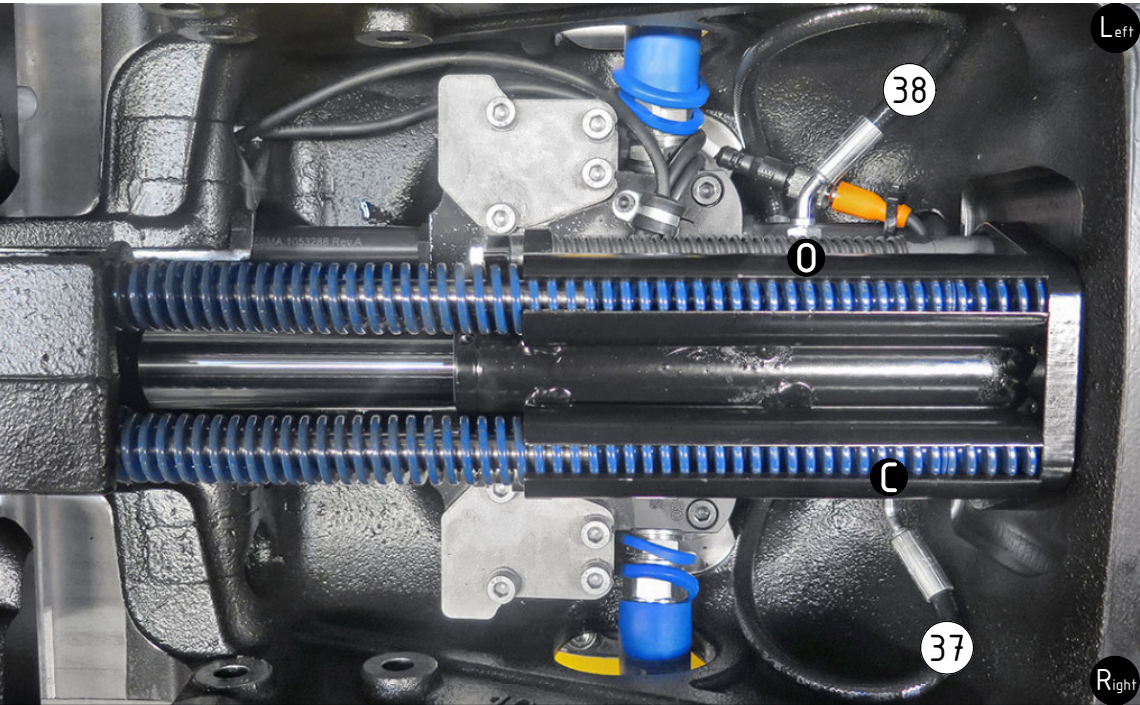
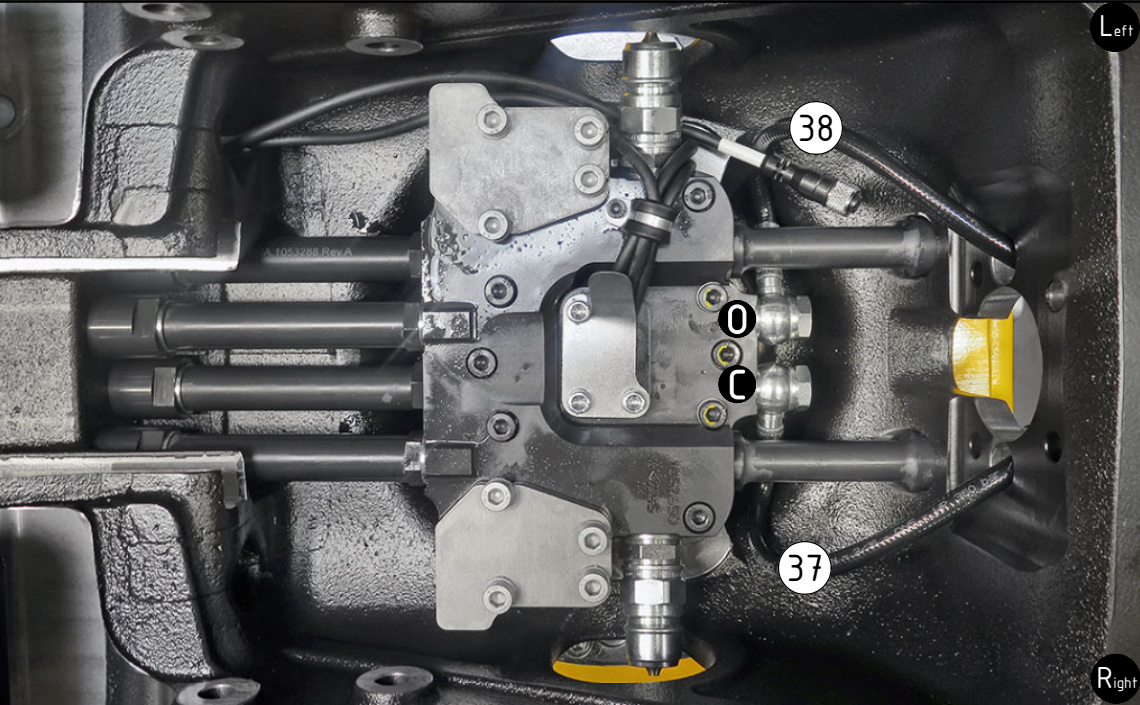


Exploded view
EC-Oil components



POS	DESCRIPTION	PART	QTY	COMMENTS
17	Washer GBR06 3/8	710703	11	
36	Washer GBR04 1/4	710702	6	
37	Hose Lock C	7001280	1	
38	Hose Lock O	7001279	1	
39	Banjo bolt 4451-04 (1/4")	710271	2	
40	Adapter 135-02-04 (1/8"-1/4")	710103	2	
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	





POS	DESCRIPTION	PART	QTY	COMMENTS
37	Hose Lock C	7001280	1	
38	Hose Lock O	7001279	1	
50	Hose hydraulic motor Long	7002079	1	
51	Hose hydraulic motor Short	7002080	1	

