

COVERSHEET

Planned document changes:

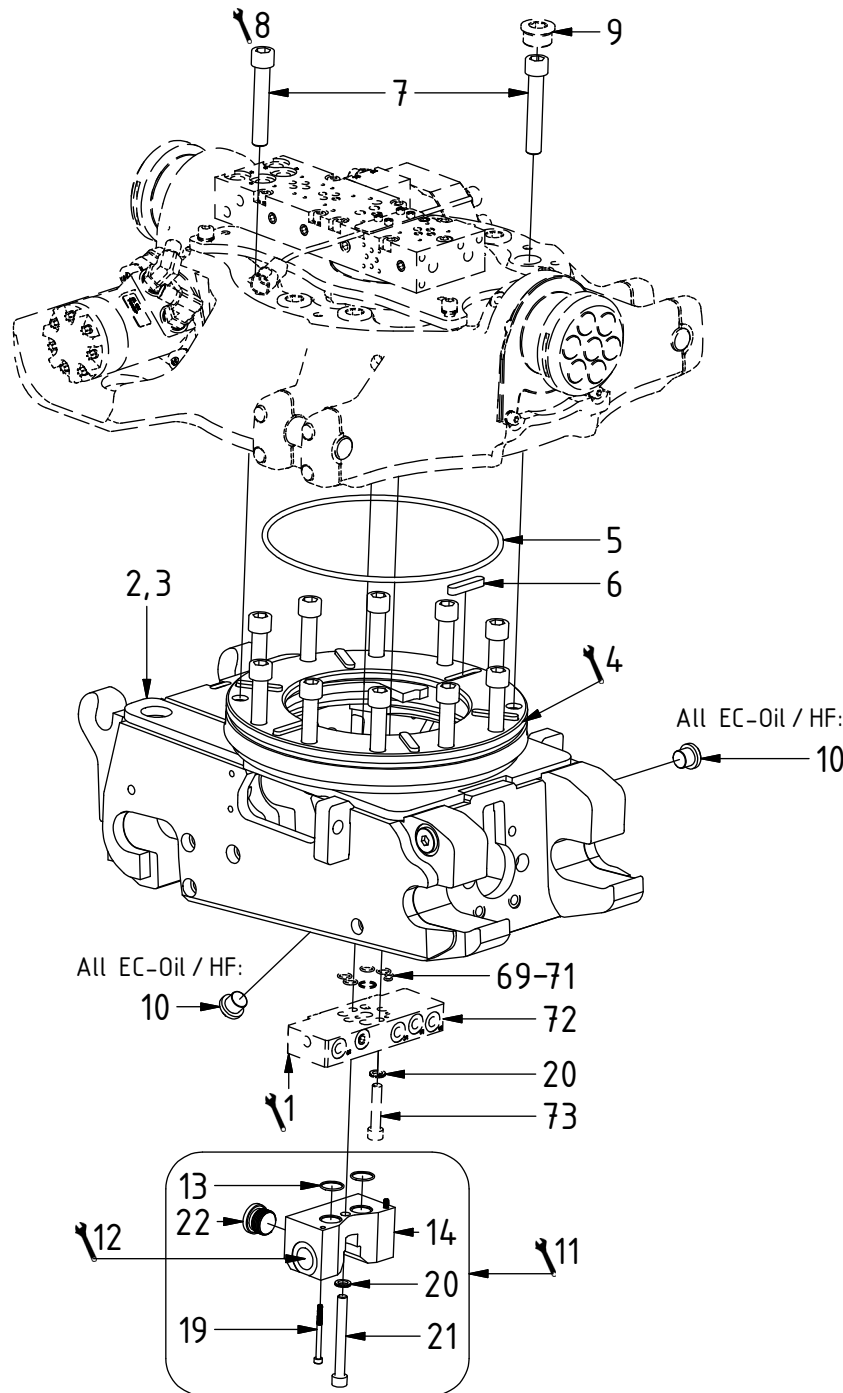
Briefly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2023-08-17	Spare parts updated.	I
2023-05-17	Unadvised option moved to spare parts page.	H
2020-03-13	QSD-Q o-rings added, current and spare parts.	G
2020-01-09	QSD-Q couplings replaced. Spare parts added.	F
2019-03-13	Plug added for option EC-Oil 2Bl. HF.	E
2018-10-19	Option Without Extra updated.	D
2018-08-27	Layout/irrelevant.	C
2018-06-18	Layout/irrelevant.	B
2018-04-26	Partslist updated.	A
2017-09-12	New document.	-

EC214 ECHF - QSD45/QSD50

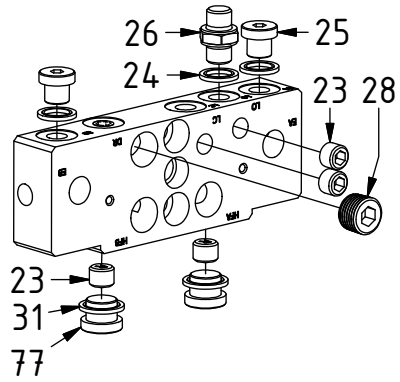


POS	DESCRIPTION	PART	QTY	COMMENTS
1	See p.3-4 connection block config.			
2	Quick hitch QSD45 EC214	1037772	1	
3	Quick hitch QSD50 EC214	1039601	1	
4	Grease the ring			
5	O-ring 249,3x5,7	712424	1	
6	Feather Key	650102	6	
7	Screw MC6S 16x90	6000151	12	Torque: 333Nm
8	Torque tighten rotator frame to hitch. Rotate to access all holes			
9	Pipe plug M30x1,5	650410	6	Part of rotator frame assembly
10	Plug 1/2"	711500	4	
11	Applies only to Standard & HF			
12	For Standard, mount adapters before fastening POS.14			See p.6 for adapters
13	O-ring 20,35x1,78	710974	2	
14	Extra block 3/4" ECHF	1031934	1	
19	Screw MC6S 5x60	610409	2	
20	Washer NL10	611041	2	
21	Screw MC6S 10x90	610465	1	
22	Plug 3/4"	711532	2	QTY: 4 for EC214 Without Extra
69	O-ring 6,07x1,78	712422	2	Part of rotator frame assembly
70	O-ring 12,42x1,78	710973	4	Part of rotator frame assembly
71	O-ring 15,6x1,78	710912	1	Part of rotator frame assembly
72	Connection block ECHF	1028391	1	Part of rotator frame assembly
73	Screw MC6S 10x50	610457	1	Part of rotator frame assembly

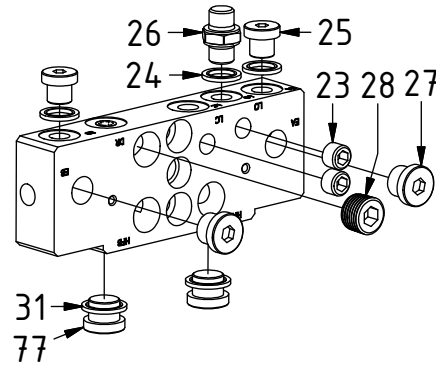
POS in order of assembly

EC214 ECHF - QSD45/QSD50

Standard:

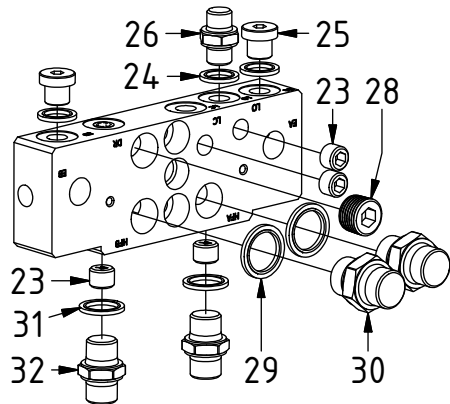


HF:

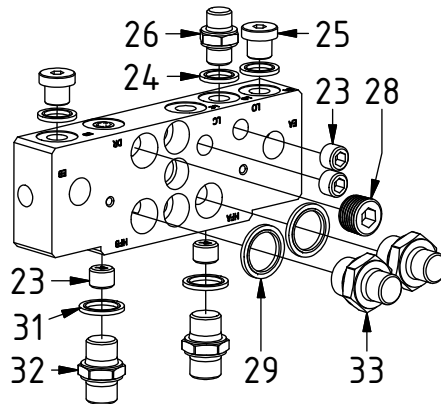


POS	DESCRIPTION	PART	QTY	COMMENTS
23	Pipe plug 1/4"	711508	2	Loctite 5400 QTY depends on config (2-4)
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
25	Plug 1/4"	711505	2	
26	Adapter 136-04-04 (1/4")	710135	2	
27	Plug 3/8"	711504	2	
28	Pipe Plug 1/2"	711524	1	Loctite 5400
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
30	Adapter 136-08-08 (1/2")	710108	4	QTY depends on config (4-6)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
77	Plug Din 908 3/8"	7001657	2	

QSD-Q:

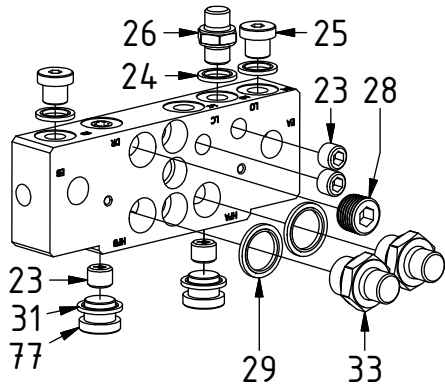


QSD-Q EC-Oil:

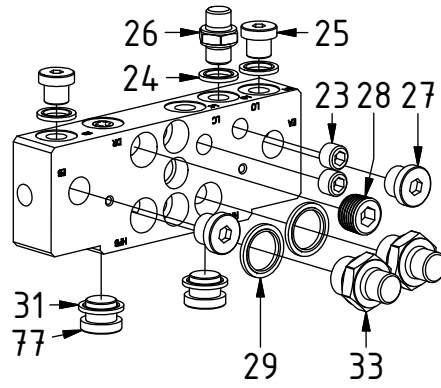


EC214 ECHF - QSD45/QSD50

EC-Oil:

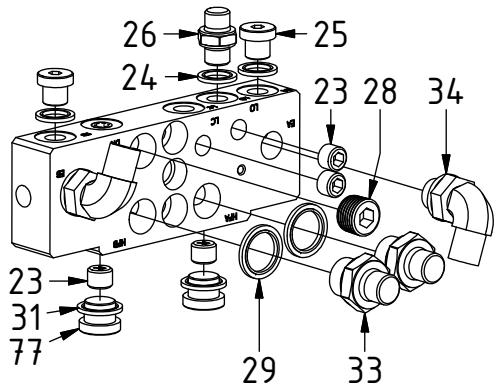


EC-Oil HF / EC-Oil 2Bl. HF:



POS	DESCRIPTION	PART	QTY	COMMENTS
23	Pipe plug 1/4"	711508	2	Loctite 5400 QTY depends on config (2-4)
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
25	Plug 1/4"	711505	2	
26	Adapter 136-04-04 (1/4")	710135	2	
27	Plug 3/8"	711504	2	
28	Pipe Plug 1/2"	711524	1	Loctite 5400
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
77	Plug Din 908 3/8"	7001657	2	

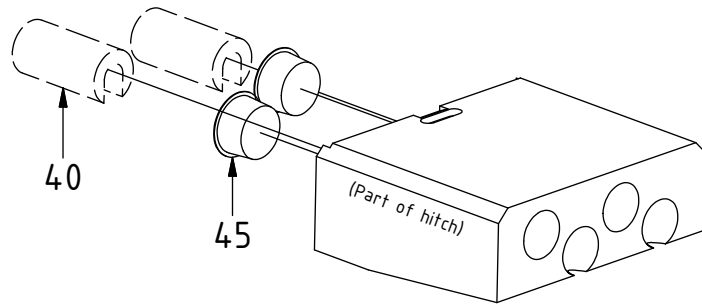
EC-Oil Dbl.Extra:



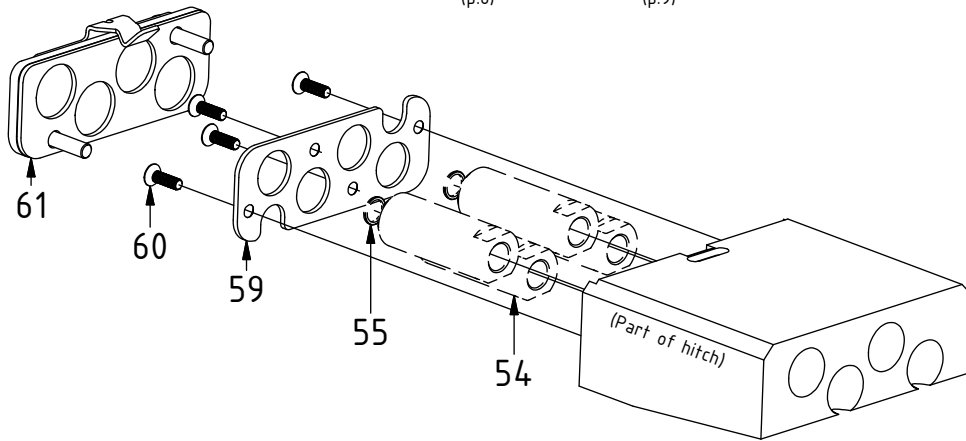
EC214 ECHF - QSD45/QSD50

POS	DESCRIPTION	PART	QTY	COMMENTS
40	Hose holder QSD45	1038800	2	
45	Protection plug	7000153	2	QTY depends on config (2-4)
54	Coupling ECO QSD 3/8" female V3	1053128	4	(POS.55 included)
55	Flat sealing for ECO 3/8" V3	1052976	4	
59	Mounting plate ECO QSD45/50 V2	1055295	1	
60	Screw MF6S 6x20	611554	4	
61	Protection ECO QSD45	1037465	1	

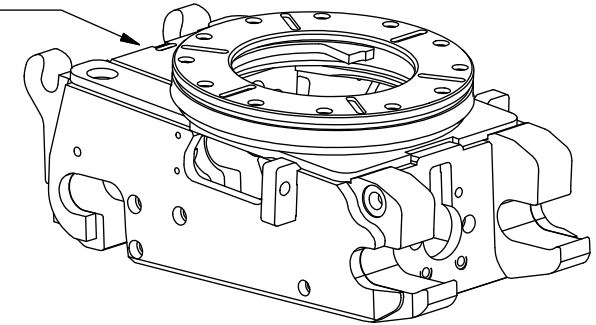
Standard / EC-Oil:
(p.6) (p.10)



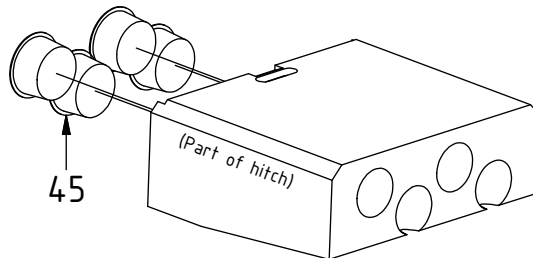
QSD-Q / QSD-Q EC-Oil:
(p.8) (p.9)



Plugs/couplings located at hitch front

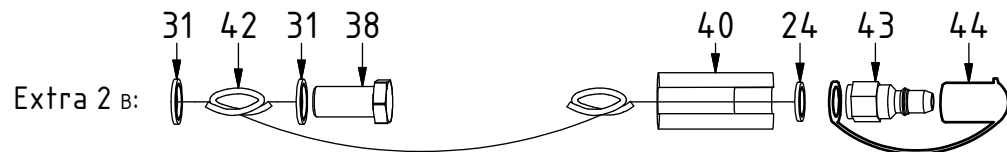
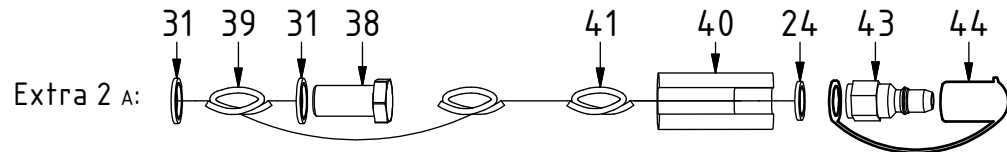
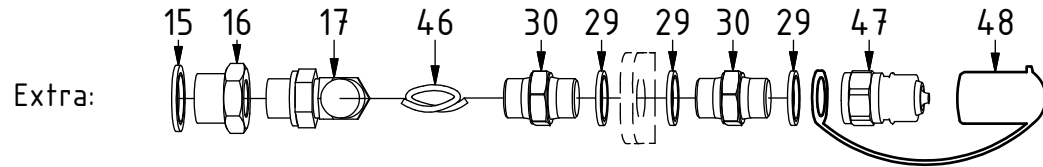
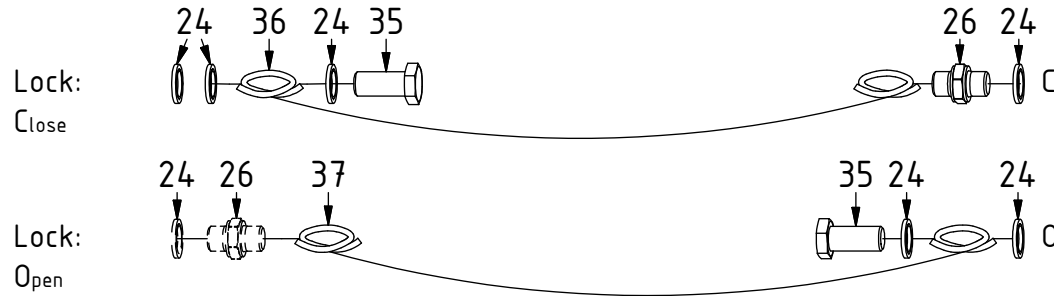


HF / EC-Oil HF / EC-Oil Dbl.Extra / EC-Oil 2Bl. HF / Without Extra:
(p.7) (p.11) (p.12) (p.13)

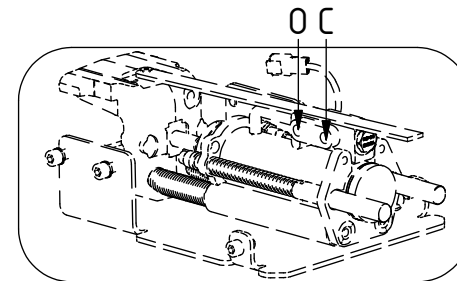
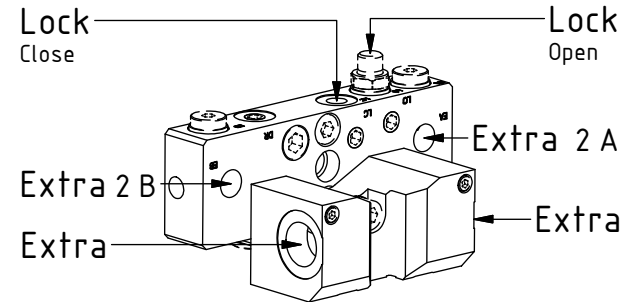


EC214 ECHF - QSD45/QSD50

Standard



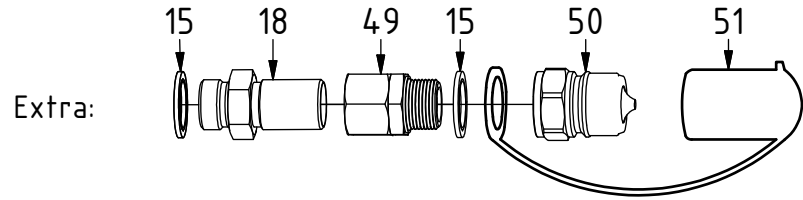
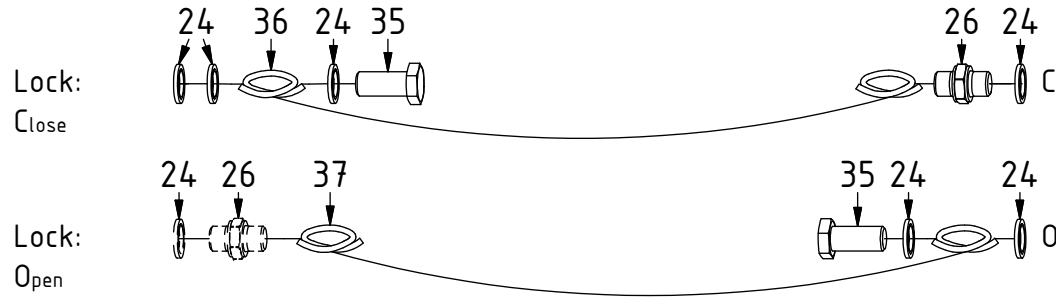
POS	DESCRIPTION	PART	QTY	COMMENTS
15	Sealing washer 3/4"	710706	2	QTY depends on config (2-4)
16	Adapter 234-12-08 (3/4"-1/2")	712219	2	
17	Adapter 401-08-08 90° (1/2")	710156	2	
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
30	Adapter 136-08-08 (1/2")	710108	4	QTY depends on config (4-6)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
38	Banjobolt 3/8"	710272	2	
39	Hose Extra 2A - bridge	7000422	1	
40	Hose holder QSD45	1038800	2	
41	Hose Extra 2A	7000423	1	
42	Hose Extra 2B	7000421	1	
43	Quick Coupling 1/4"	790111	2	
44	Dust protection 1/4"	790119	2	
46	Hose Extra	7000424	2	
47	Quick coupling 1/2"	790115	2	
48	Dust protection 1/2"	790121	2	



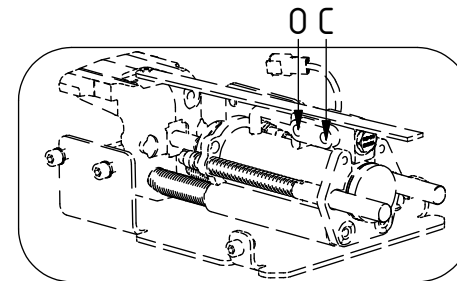
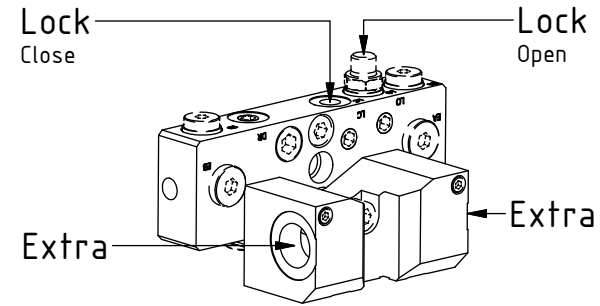
See instruction,
Standard components

EC214 ECHF - QSD45/QSD50

HF



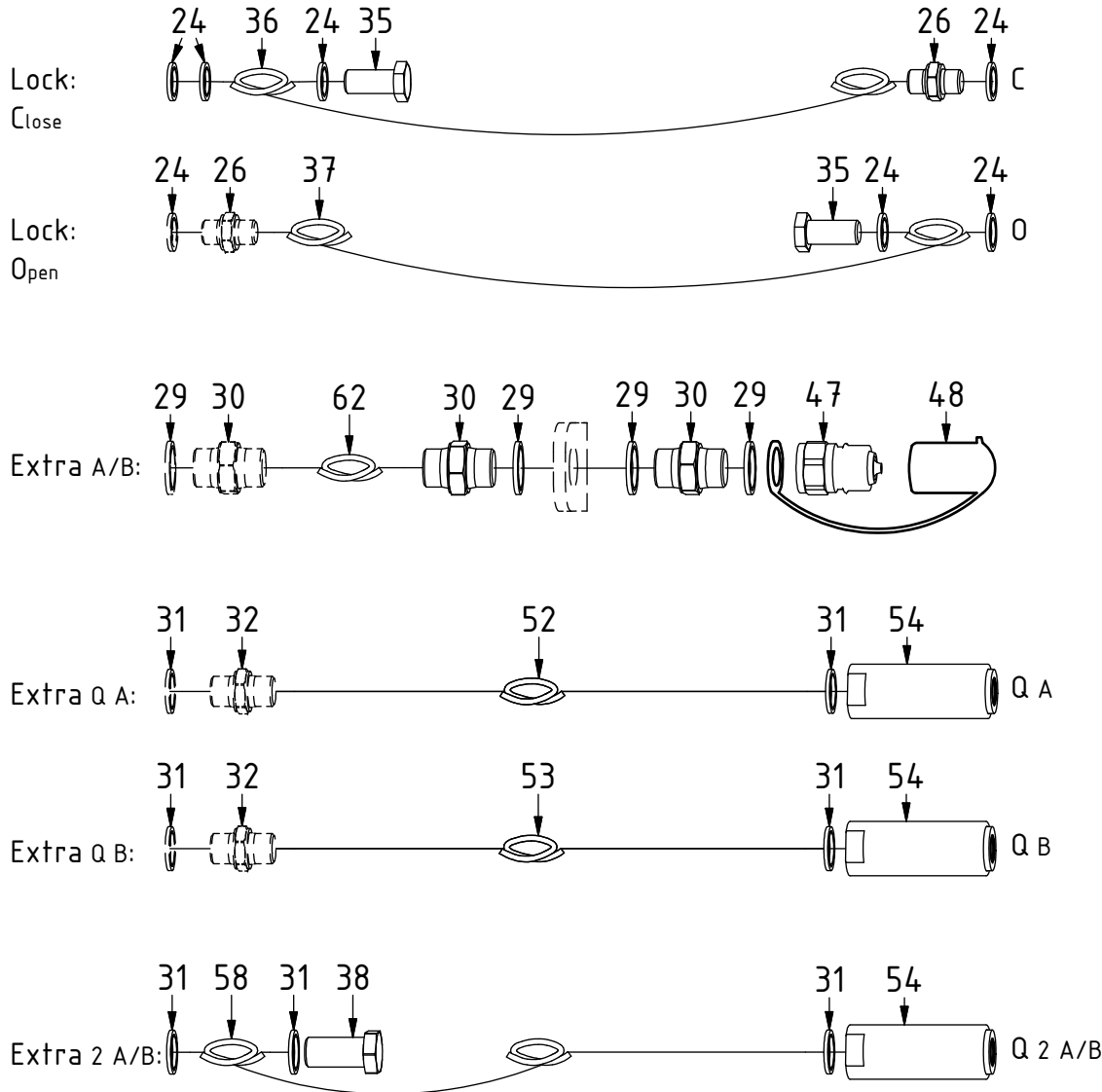
POS	DESCRIPTION	PART	QTY	COMMENTS
15	Sealing washer 3/4"	710706	2	QTY depends on config (2-4)
18	Adapter 1260-12-12 (3/4")	712210	2	
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
49	Adapter 703-12-12 (3/4")	710218	2	
50	Quick coupling 3/4"	790193	2	
51	Dust protection 3/4"	790195	2	



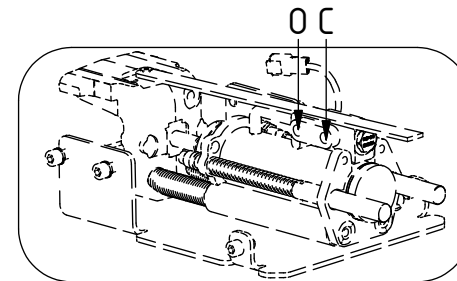
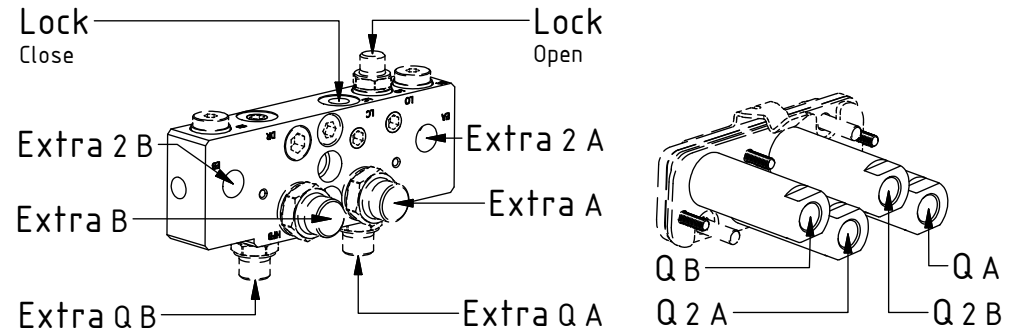
See instruction,
Standard components

EC214 ECHF - QSD45/QSD50

QSD-Q



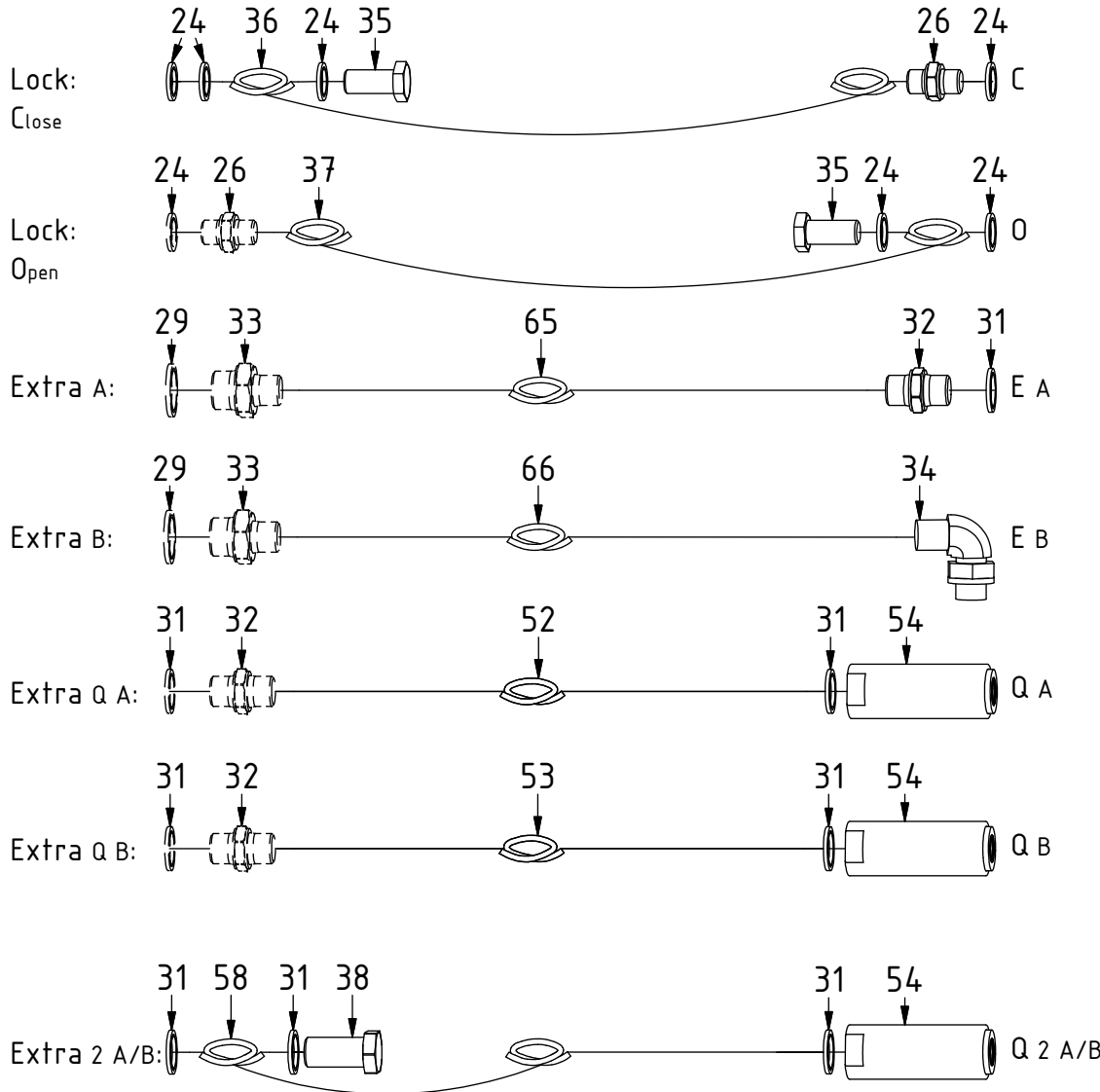
POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
30	Adapter 136-08-08 (1/2")	710108	4	QTY depends on config (4-6)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
38	Banjobolt 3/8"	710272	2	
47	Quick coupling 1/2"	790115	2	
48	Dust protection 1/2"	790121	2	
52	Hose Extra QSD-Q Short	7000418	1	
53	Hose Extra QSD-Q Long	7000417	1	
54	Coupling ECO QSD 3/8" female V3	1053128	4	(POS.55 included)
55	Flat sealing for ECO 3/8" V3	1052976	4	
58	Hose Extra 2 QSD-Q	7000419	2	
62	Hose Extra	7000425	2	



See instruction,
Standard components

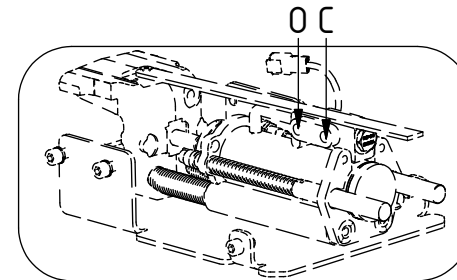
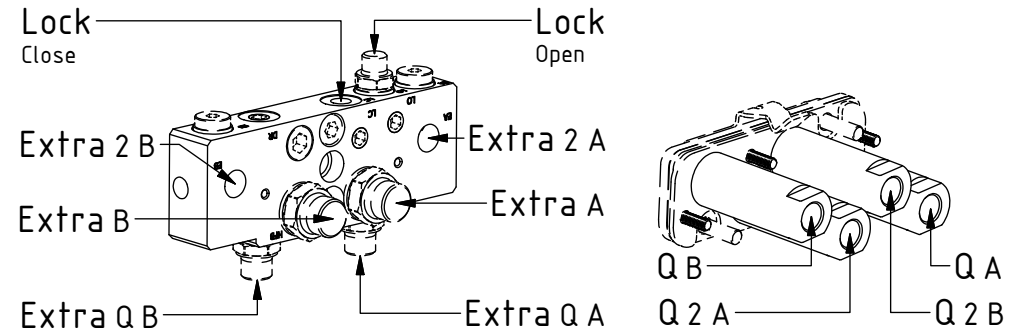
EC214 ECHF - QSD45/QSD50

QSD-Q EC-Oil

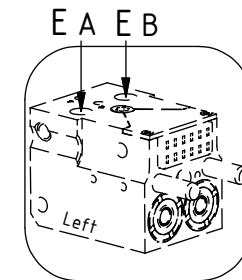


POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4"	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8"	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
38	Banjobolt 3/8"	710272	2	
52	Hose Extra QSD-Q Short	7000418	1	
53	Hose Extra QSD-Q Long	7000417	1	
54	Coupling ECO QSD 3/8" female V3	1053128	4	(POS.55 included)
55	Flat sealing for ECO 3/8" V3	1052976	4	
58	Hose Extra 2 QSD-Q	7000419	2	
65	Hose Extra EC-Oil Short	7000414	1	
66	Hose Extra EC-Oil Long	7000420	1	

POS in order of assembly



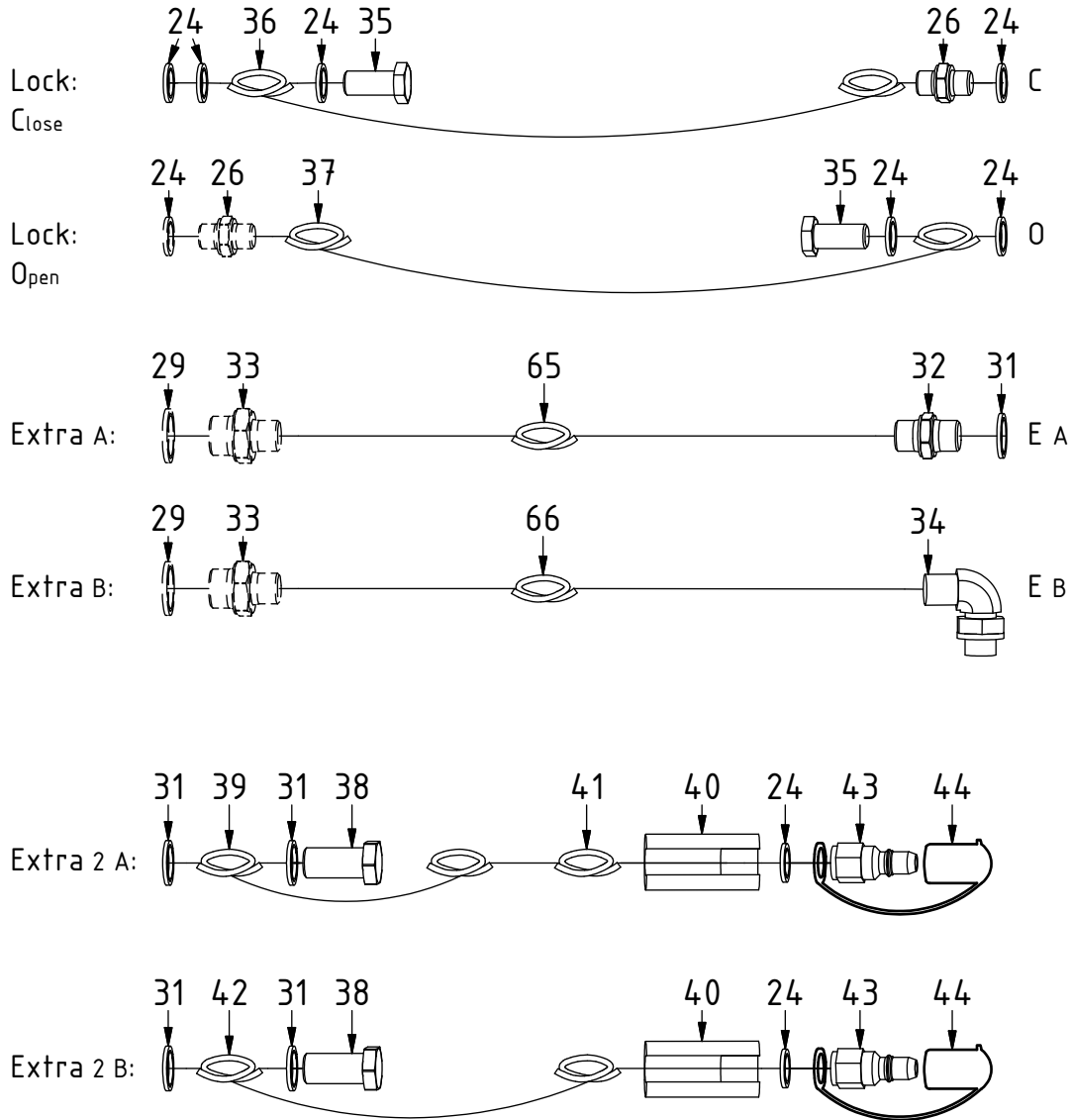
See instruction,
Standard components



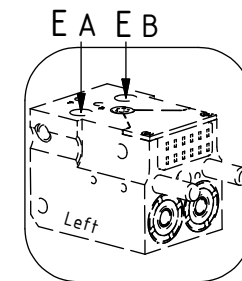
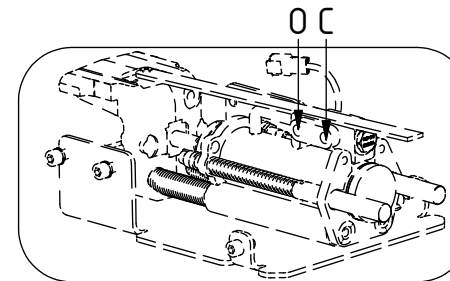
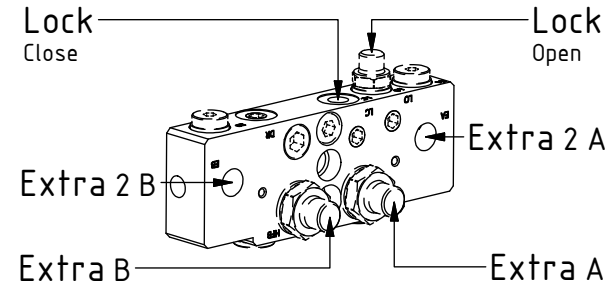
See instruction,
EC-Oil components

EC214 ECHF - QSD45/QSD50

EC-Oil



POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4"	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8"	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
38	Banjobolt 3/8"	710272	2	
39	Hose Extra 2A - bridge	7000422	1	
40	Hose holder QSD45	1038800	2	
41	Hose Extra 2A	7000423	1	
42	Hose Extra 2B	7000421	1	
43	Quick Coupling 1/4"	790111	2	
44	Dust protection 1/4"	790119	2	
65	Hose Extra EC-Oil Short	7000414	1	
66	Hose Extra EC-Oil Long	7000420	1	

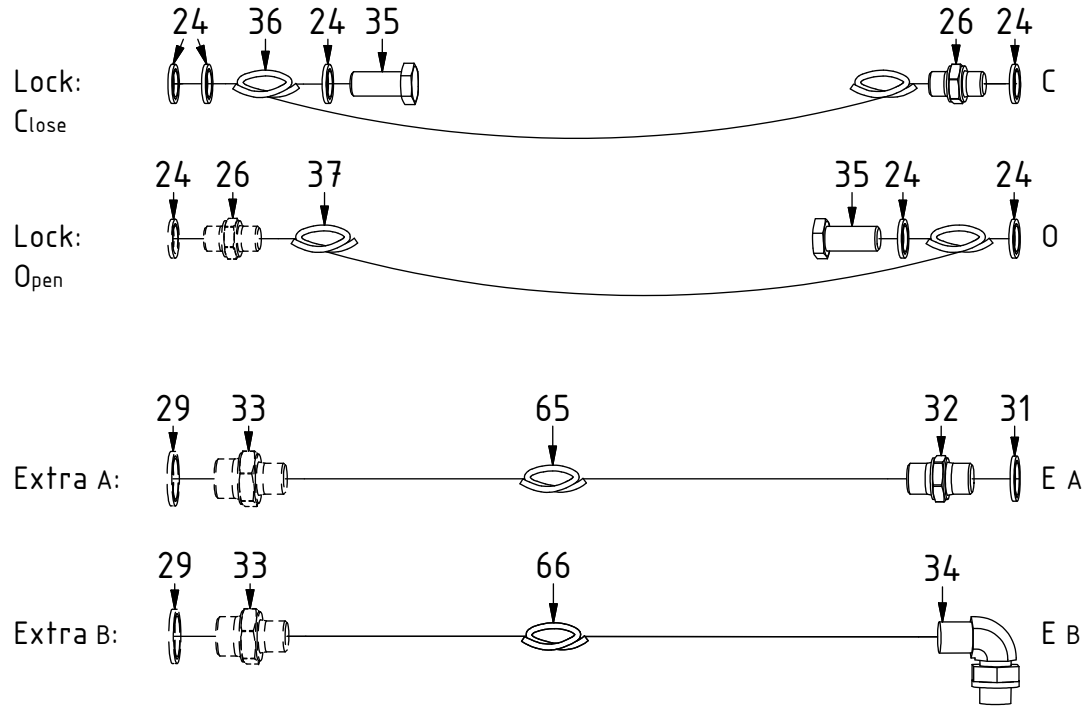


See instruction,
Standard components

See instruction,
EC-Oil components

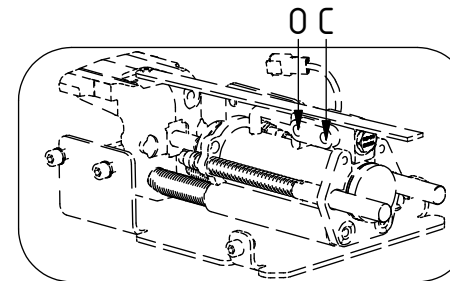
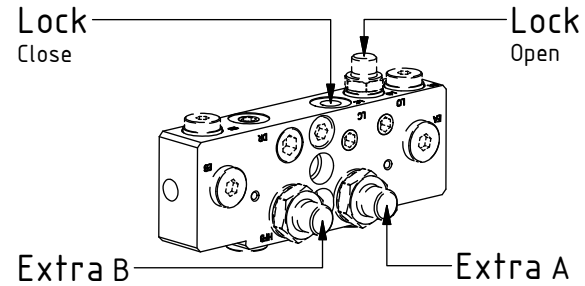
EC214 ECHF - QSD45/QSD50

EC-Oil HF

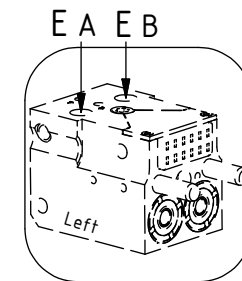


POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
65	Hose Extra EC-Oil Short	7000414	1	
66	Hose Extra EC-Oil Long	7000420	1	

POS in order of assembly



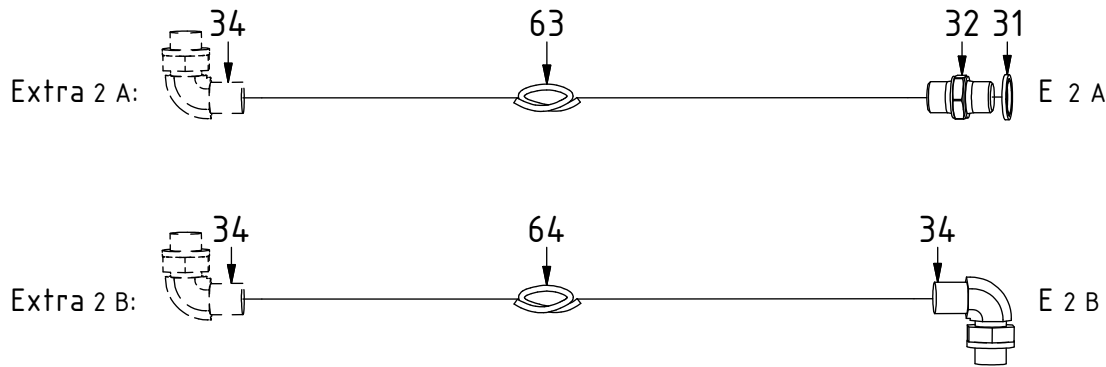
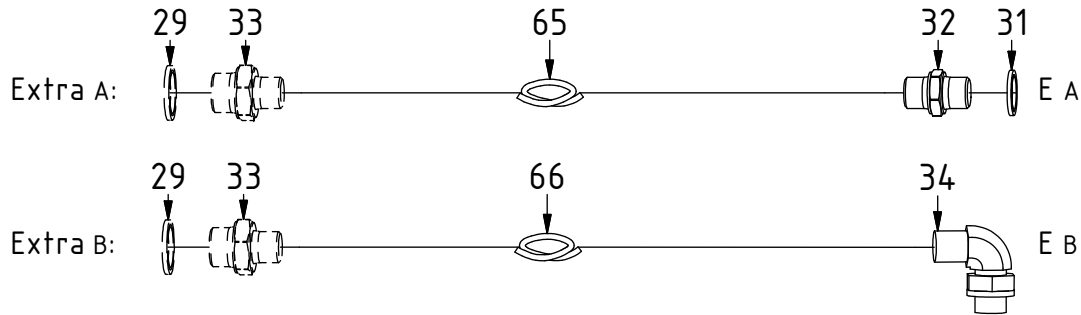
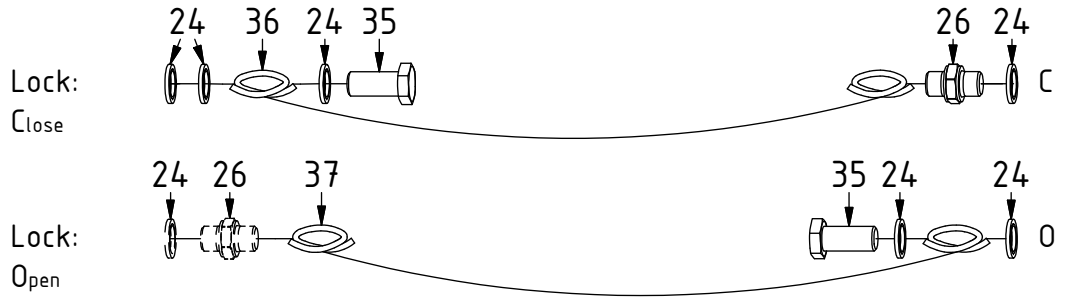
See instruction,
Standard components



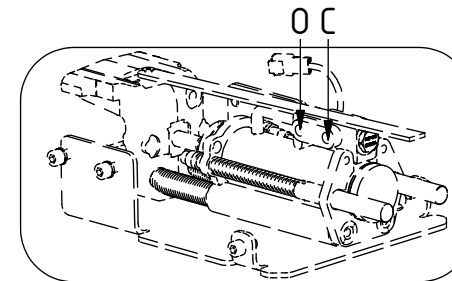
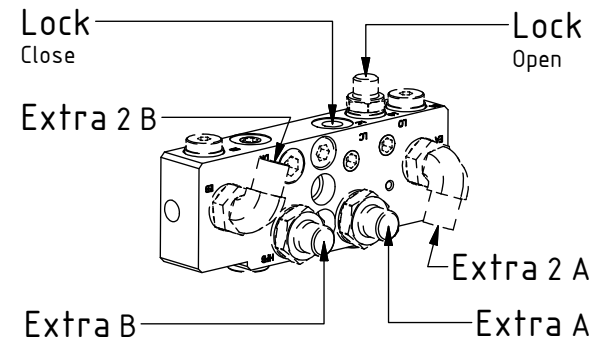
See instruction,
EC-Oil components

EC214 ECHF - QSD45/QSD50

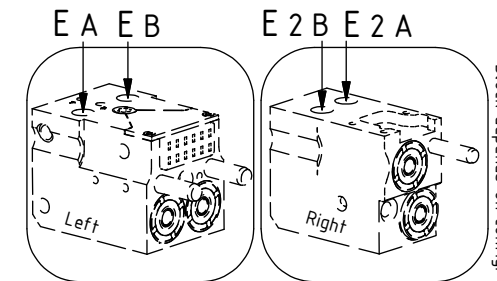
EC-Oil Dbl.Extra



POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
63	Hose Extra 2 EC-Oil Long	7000426	1	
64	Hose Extra 2 EC-Oil Short	7000427	1	
65	Hose Extra EC-Oil Short	7000414	1	
66	Hose Extra EC-Oil Long	7000420	1	



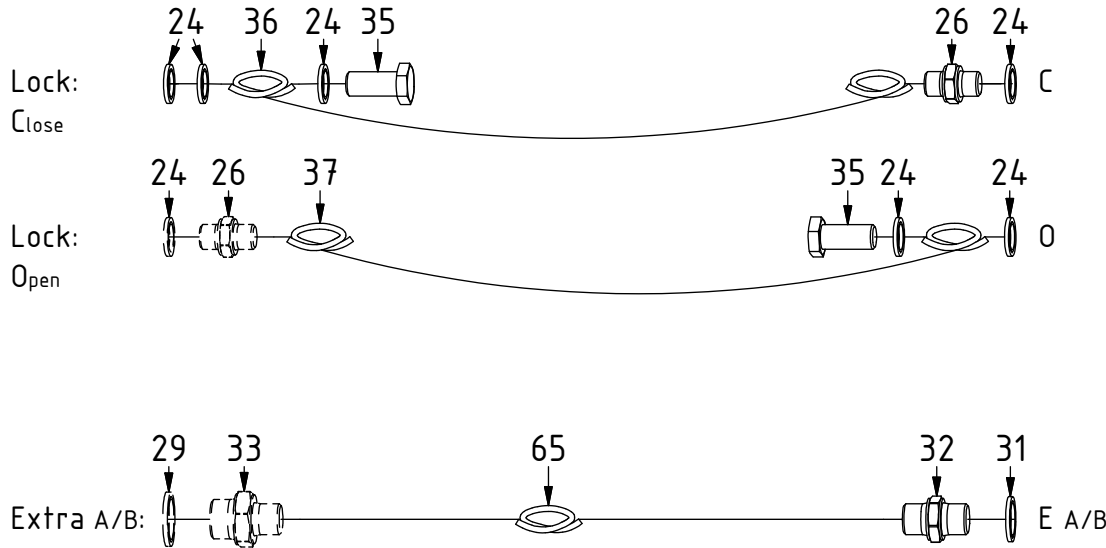
See instruction,
Standard components



See instruction,
EC-Oil components

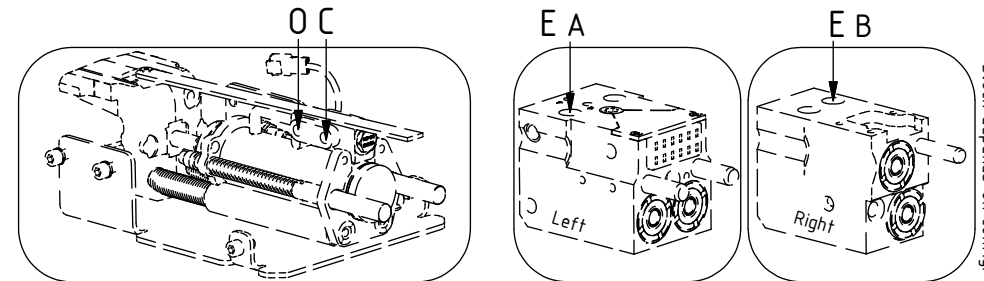
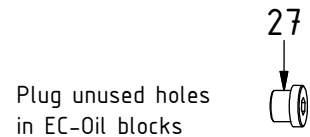
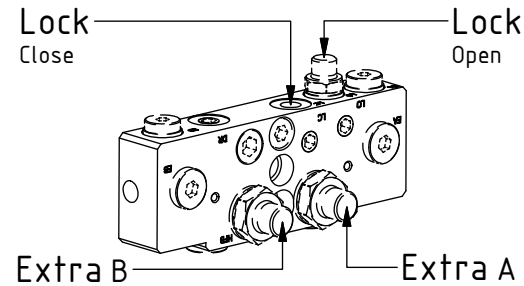
EC214 ECHF - QSD45/QSD50

EC-Oil 2Bl. HF



POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
27	Plug 3/8"	711504	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
65	Hose Extra EC-Oil Short	7000414	1	

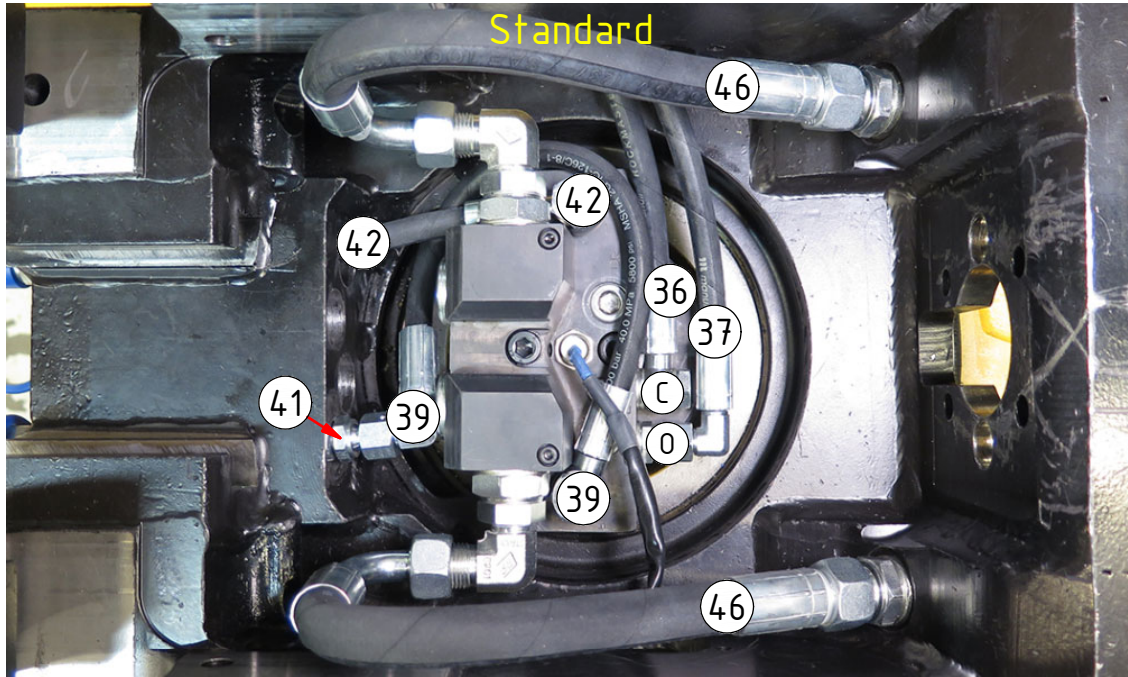
POS in order of assembly



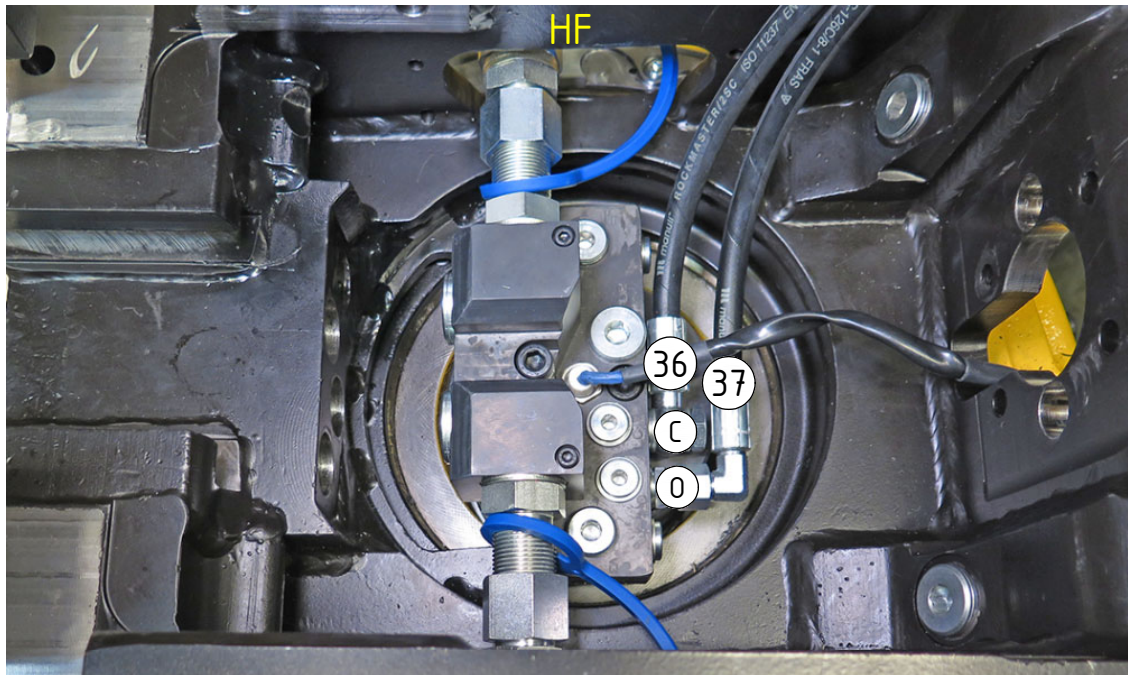
See instruction,
Standard components

See instruction,
EC-Oil components

EC214 ECHF - QSD45/QSD50

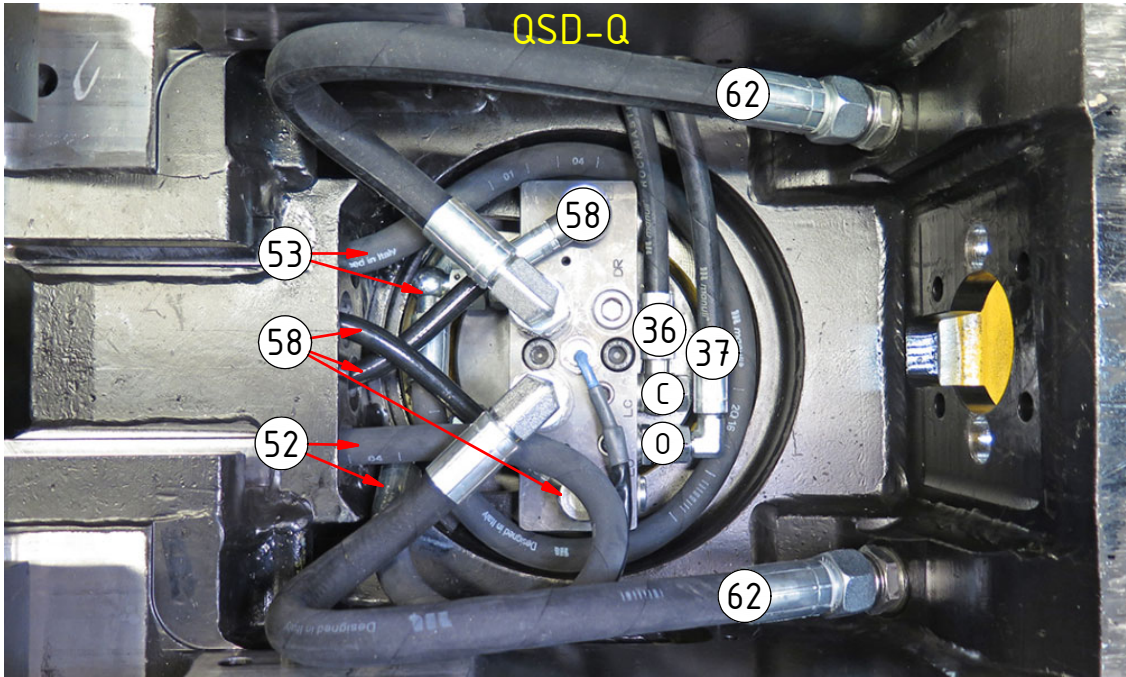


POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
39	Hose Extra 2A - bridge	7000422	1	
41	Hose Extra 2A	7000423	1	
42	Hose Extra 2B	7000421	1	
46	Hose Extra	7000424	2	

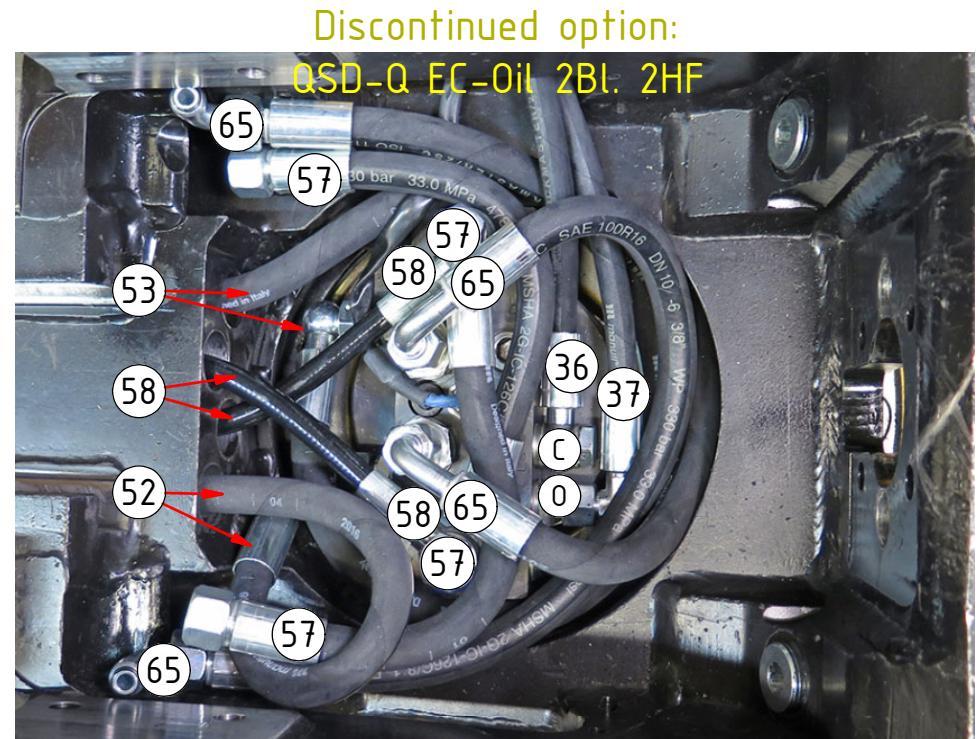
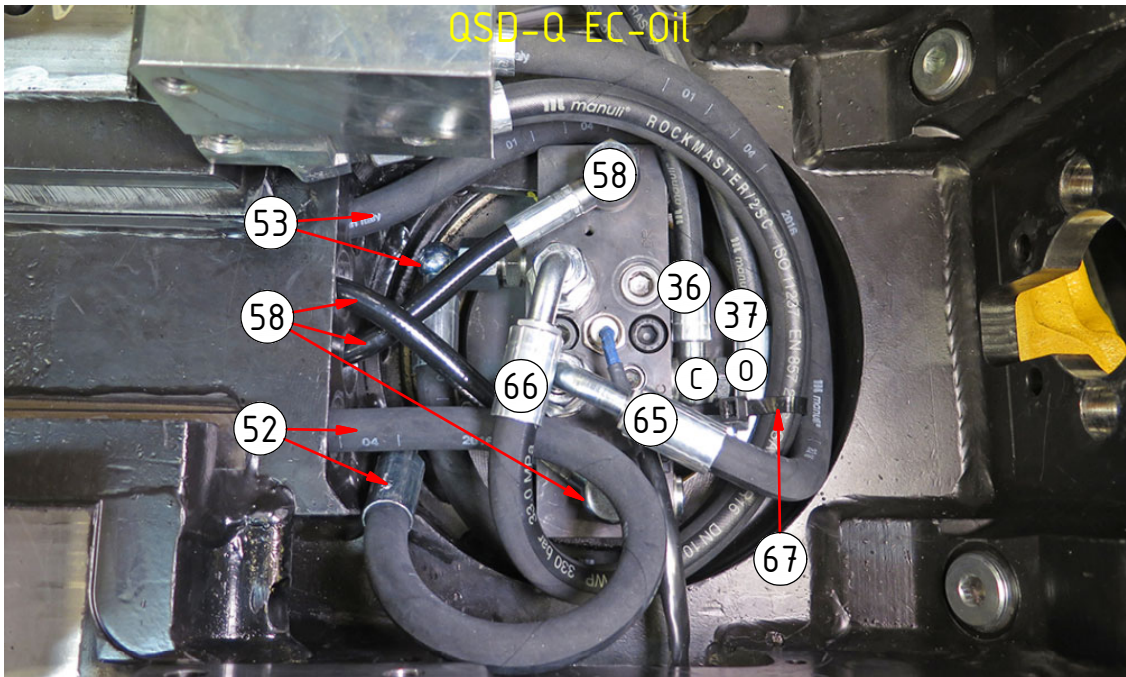


EC214 ECHF - QSD45/QSD50

POS in order of assembly

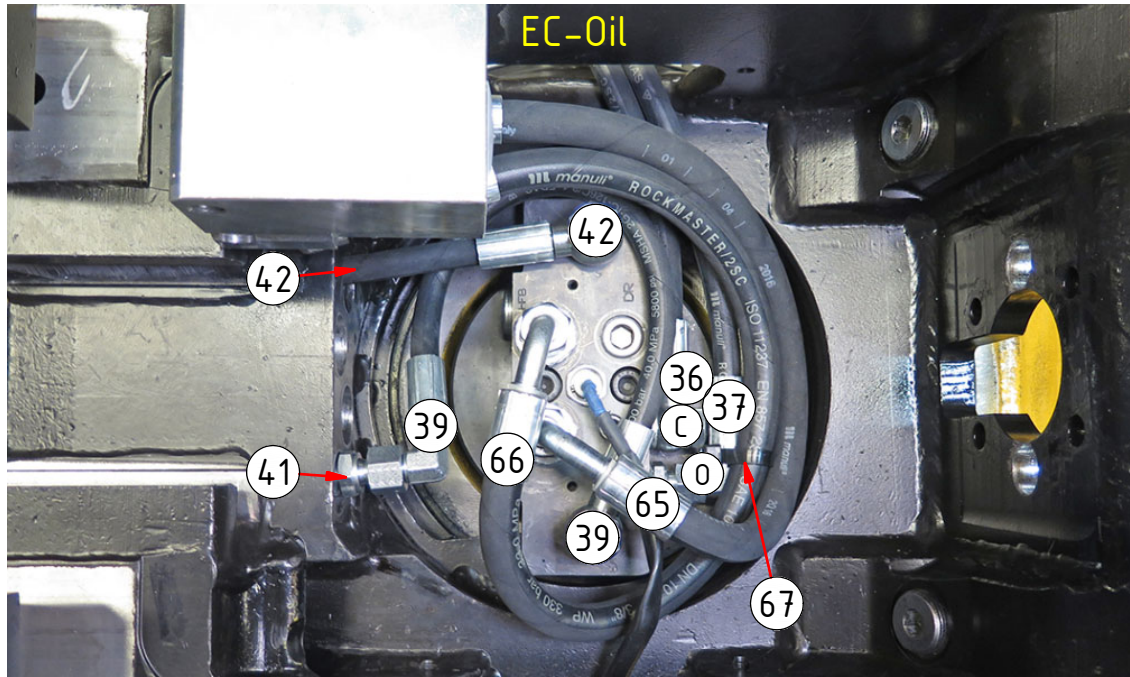


POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
52	Hose Extra QSD-Q Short	7000418	1	
53	Hose Extra QSD-Q Long	7000417	1	
57	Hose Extra 2 QSD-Q EC-Oil	7000415	2	
58	Hose Extra 2 QSD-Q	7000419	2	
62	Hose Extra	7000425	2	
65	Hose Extra EC-Oil Short	7000414	1	QTY: 2 for QSD-Q EC-Oil 2Bl. 2HF
66	Hose Extra EC-Oil Long	7000420	1	
67	Cable tie 7,8x360	1021587	1	Mount around POS.37

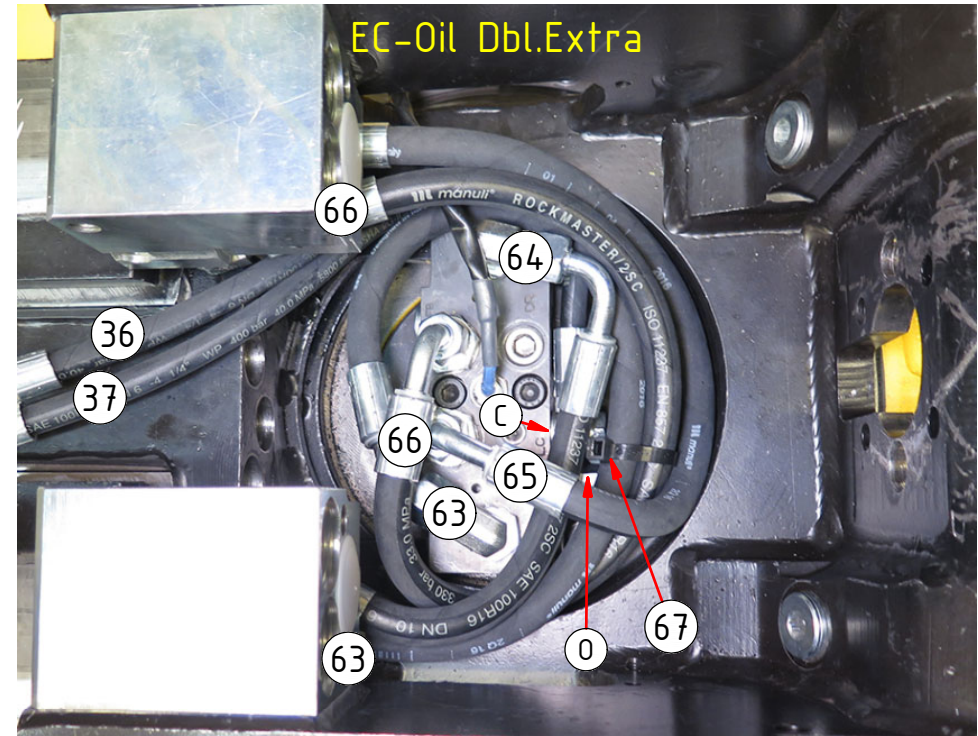
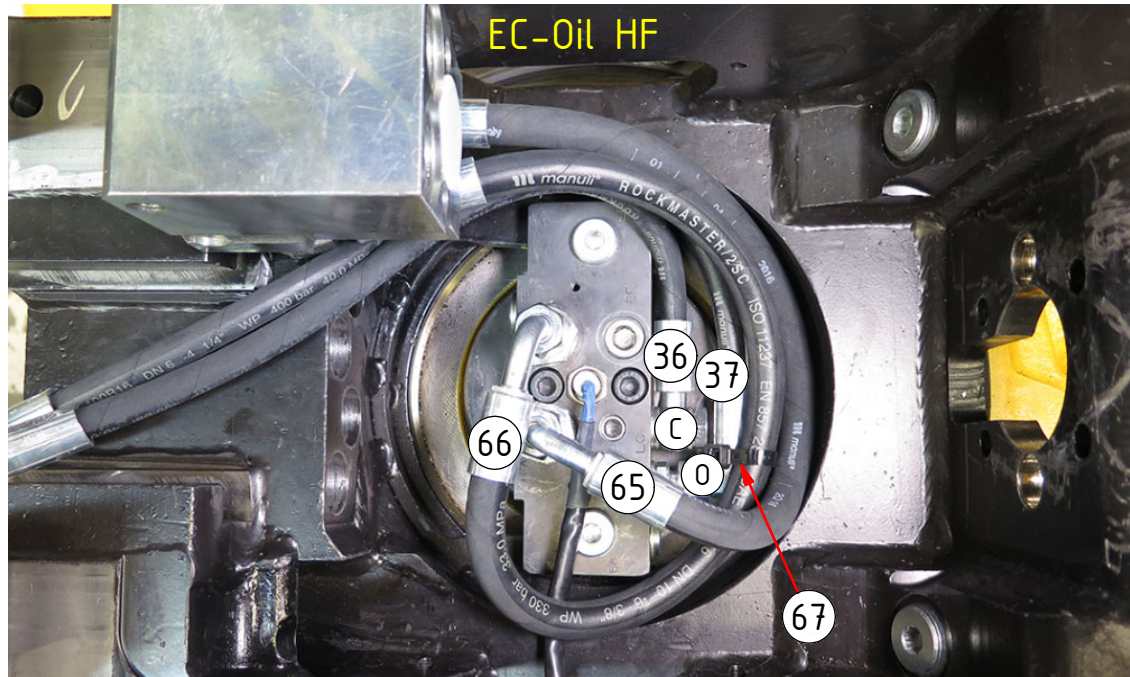


Dashed lines for overview, mounts on other pages/assemblies. indicates instruction. represents hose.

EC214 ECHF - QSD45/QSD50



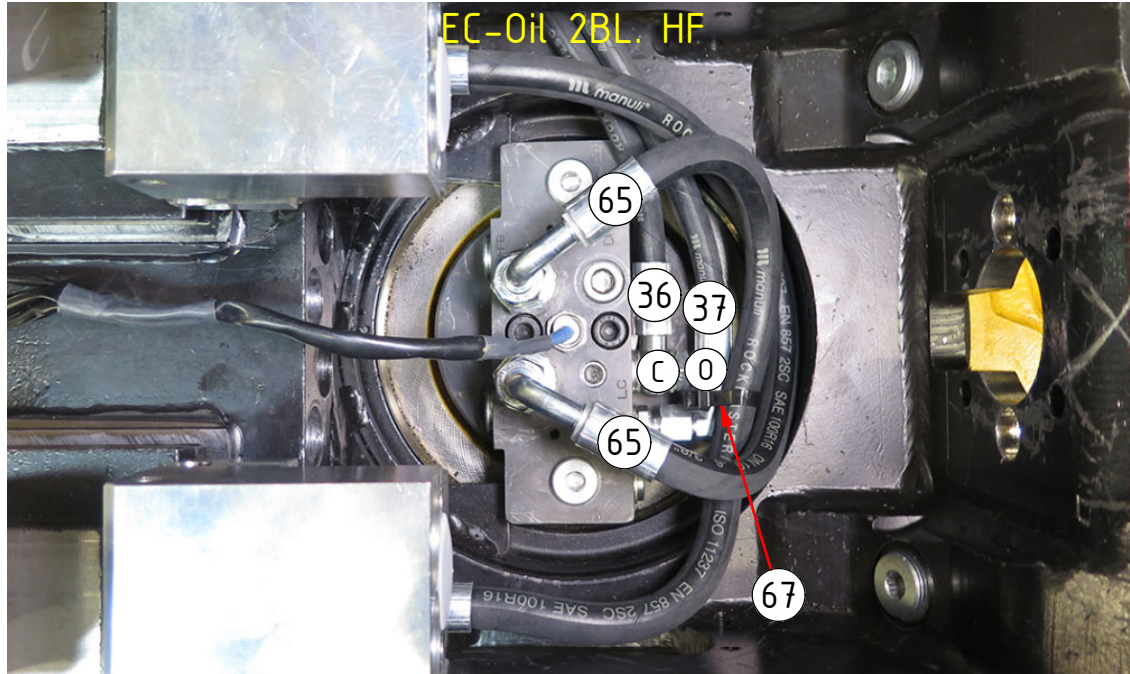
POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
39	Hose Extra 2A - bridge	7000422	1	
41	Hose Extra 2A	7000423	1	
42	Hose Extra 2B	7000421	1	
63	Hose Extra 2 EC-Oil Long	7000426	1	
64	Hose Extra 2 EC-Oil Short	7000427	1	
65	Hose Extra EC-Oil Short	7000414	1	
66	Hose Extra EC-Oil Long	7000420	1	
67	Cable tie 7,8x360	1021587	1	Mount around POS.37



EC214 ECHF - QSD45/QSD50

POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
65	Hose Extra EC-Oil Short	7000414	1	
67	Cable tie 7,8x360	1021587	1	Mount around POS.37

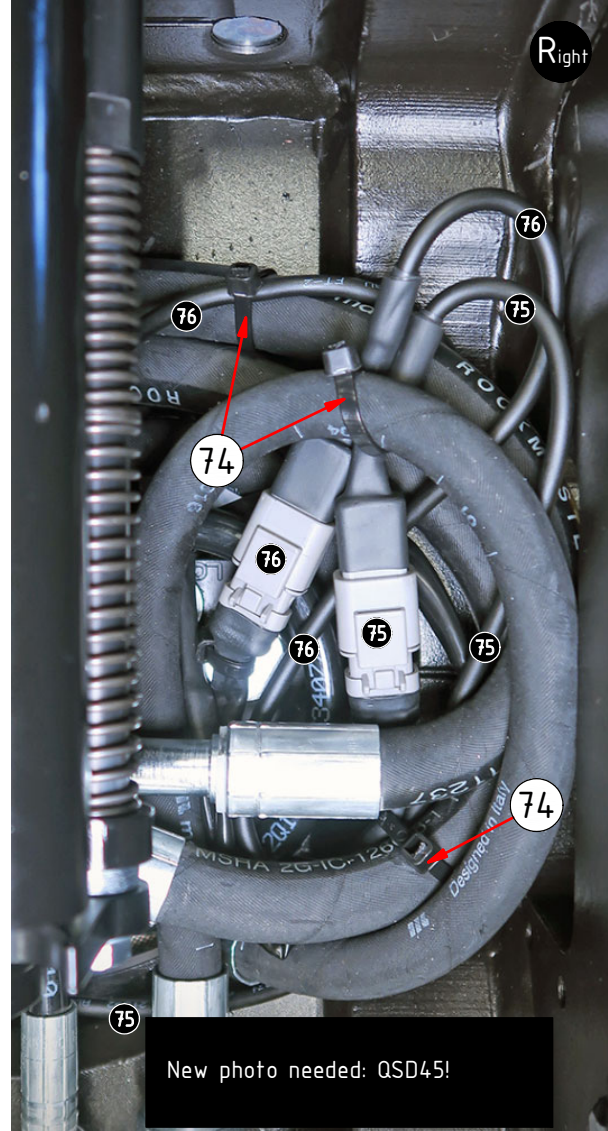
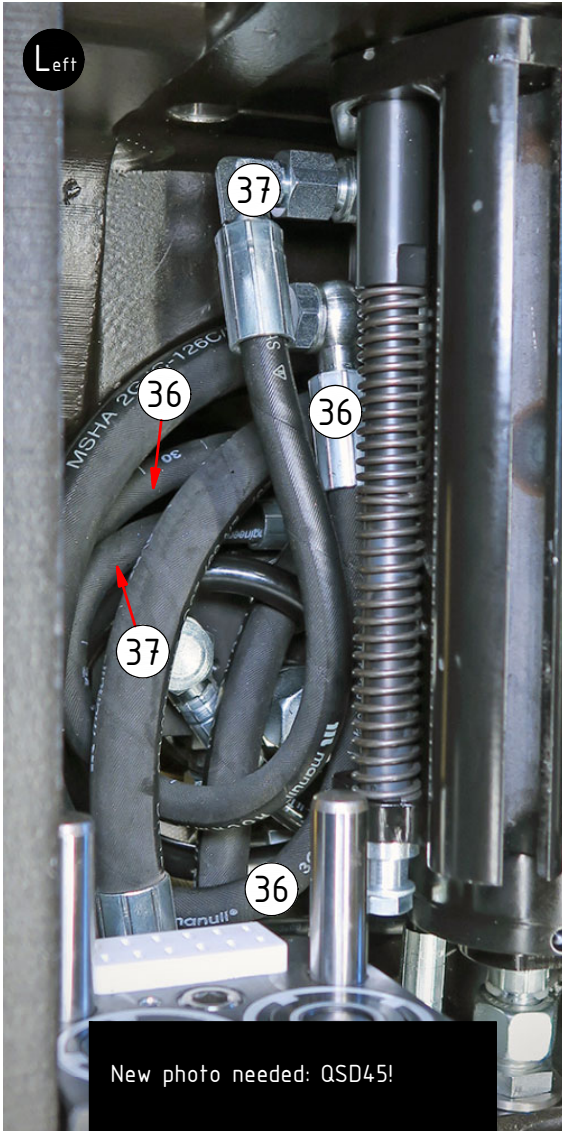
POS in order of assembly



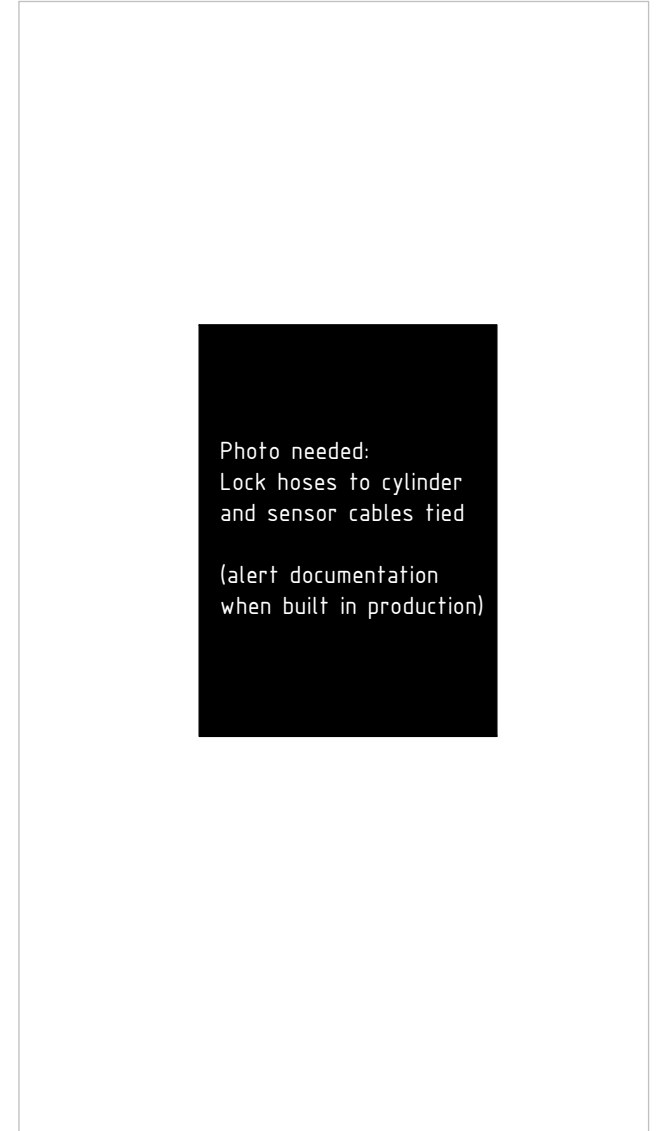
Lock hoses & cables

POS	DESCRIPTION	PART	QTY	COMMENTS
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
74	Cable tie 4,8x360	1021586	3	
75	Sensor cable from Hook		1	Part of Std. components
76	Sensor cable from Cylinder		1	Part of Std. components

With EC-Oil



Without EC-Oil

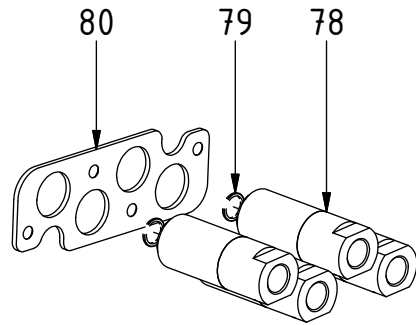


Related spare parts

POS	DESCRIPTION	PART	QTY	COMMENTS
54	Coupling ECO QSD 3/8" female V3	1053128	4	(POS.55 included)
55	Flat sealing for ECO 3/8" V3	1052976	4	
59	Mounting plate ECO QSD45/50 V2	1055295	1	
78	Coupling ECO QSD 3/8" female	1035724	4	Replaced by POS.54 from 2020-01
79	O-ring 12,42x1,78 PU - ECO45 3/8"	712417	4	Replaced by POS.55 from 2020-01
80	Mounting plate ECO QSD45/50	1041017	1	Replaced by POS.59 from 2020-01

POS in order of assembly

QSD-Q

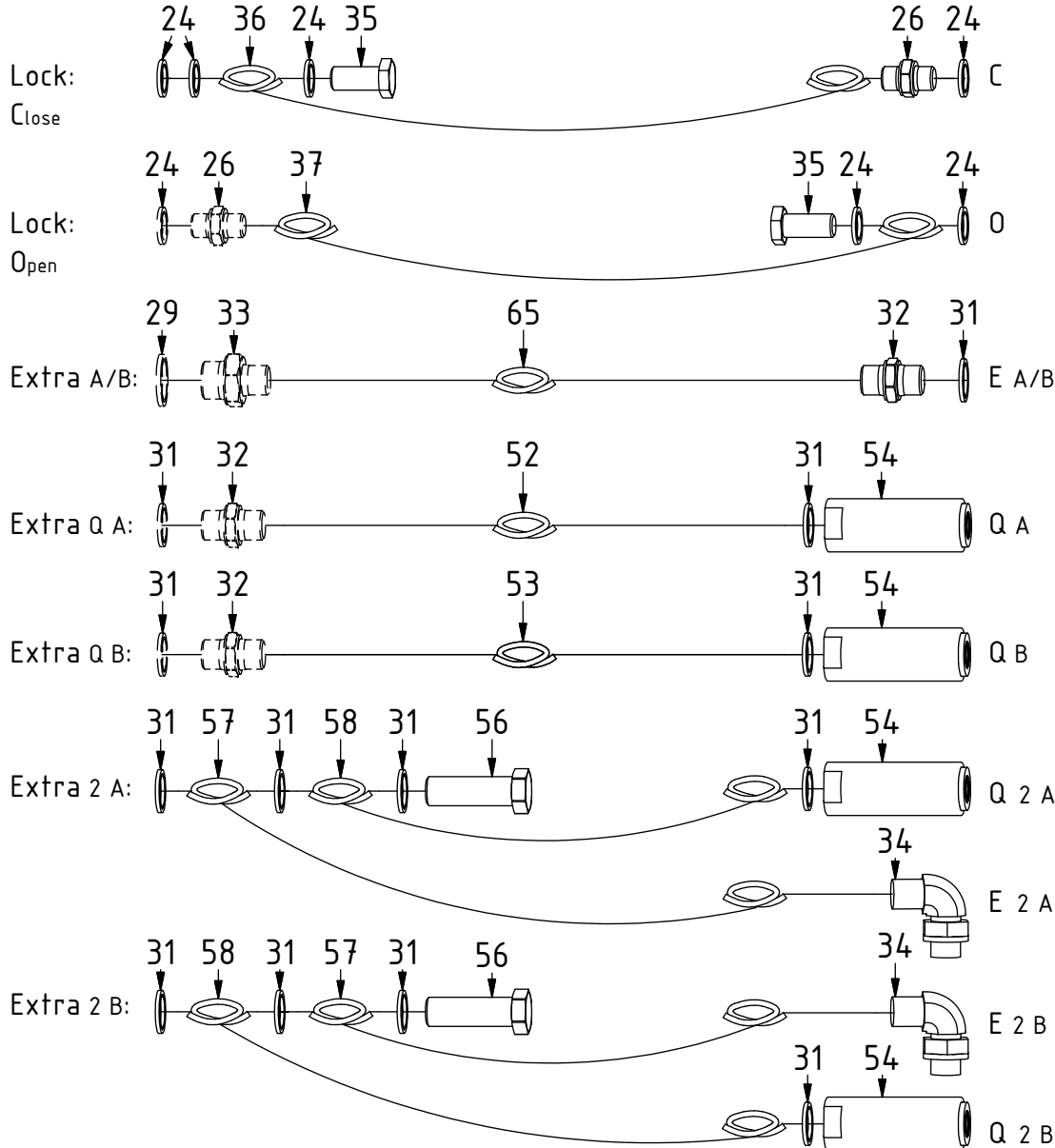


O-rings between versions are not compatible

EC214 ECHF - QSD45/QSD50

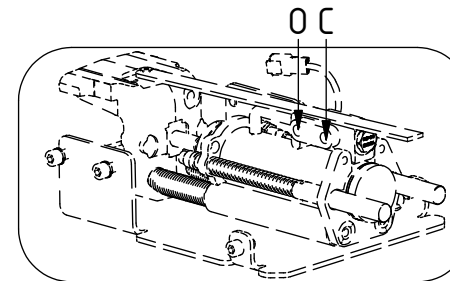
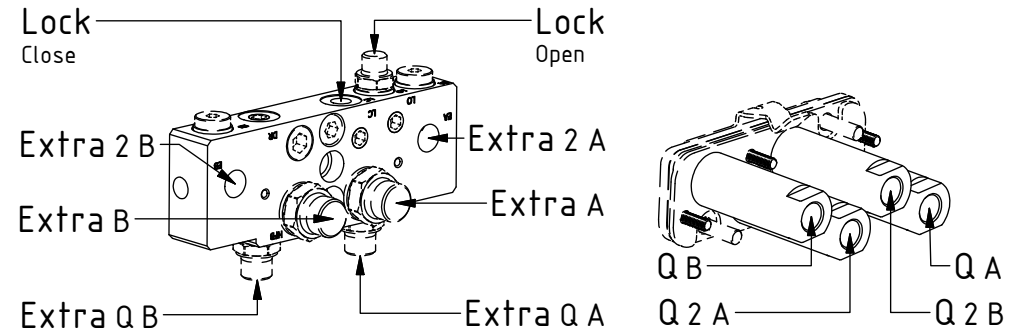
Related spare parts

Discontinued option: QSD-Q EC-Oil 2Bl. 2HF
PHOTOS ON PAGE 15

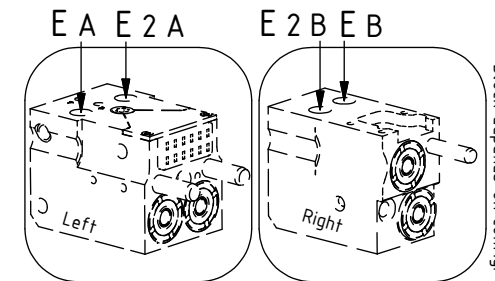


POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer GBR04 1/4	710702	11	QTY depends on config (9-11)
26	Adapter 136-04-04 (1/4")	710135	2	
29	Sealing washer 1/2"	710704	6	QTY depends on config (2-8)
31	Washer GBR06 3/8	710703	4	QTY depends on config (1-15)
32	Adapter 136-06-06 (3/8")	710106	2	QTY depends on config (1-4)
33	Adapter 135-06-08 (3/8"-1/2")	710122	2	
34	Adapter 401-06-06 90° (3/8")	710152	1	QTY depends on config (1-4)
35	Banjobolt 1/4"	710271	2	
36	Hose Lock Short	742801	1	
37	Hose Lock Long	742802	1	
52	Hose Extra QSD-Q Short	7000418	1	
53	Hose Extra QSD-Q Long	7000417	1	
54	Coupling ECO QSD 3/8" female V3	1053128	4	(POS.55 included)
55	Flat sealing for ECO 3/8" V3	1052976	4	
56	Banjobolt extended 3/8"	710273	2	
57	Hose Extra 2 QSD-Q EC-Oil	7000415	2	
58	Hose Extra 2 QSD-Q	7000419	2	
65	Hose Extra EC-Oil Short	7000414	1	QTY: 2 for QSD-Q EC-Oil 2Bl. 2HF

POS in order of assembly



See instruction,
Standard components



See instruction,
EC-Oil components

Block depends on config