

EC209B - ss9IQ
COVERSHEET

Planned document changes:

Briefly:

2025-05-22. HYD is built as Feed Left with Rot. Right.

2024-11-15. Add to POS.6: Torque: 79Nm.

Document changes:

Date:	Change:	Rev. after change:
2023-08-14	Layout/irrelevant.	B
2023-05-30	ECO added. Spare parts updated. QSM50 Rot hoses added.	A
2022-11-21	New document.	-

Readers note:

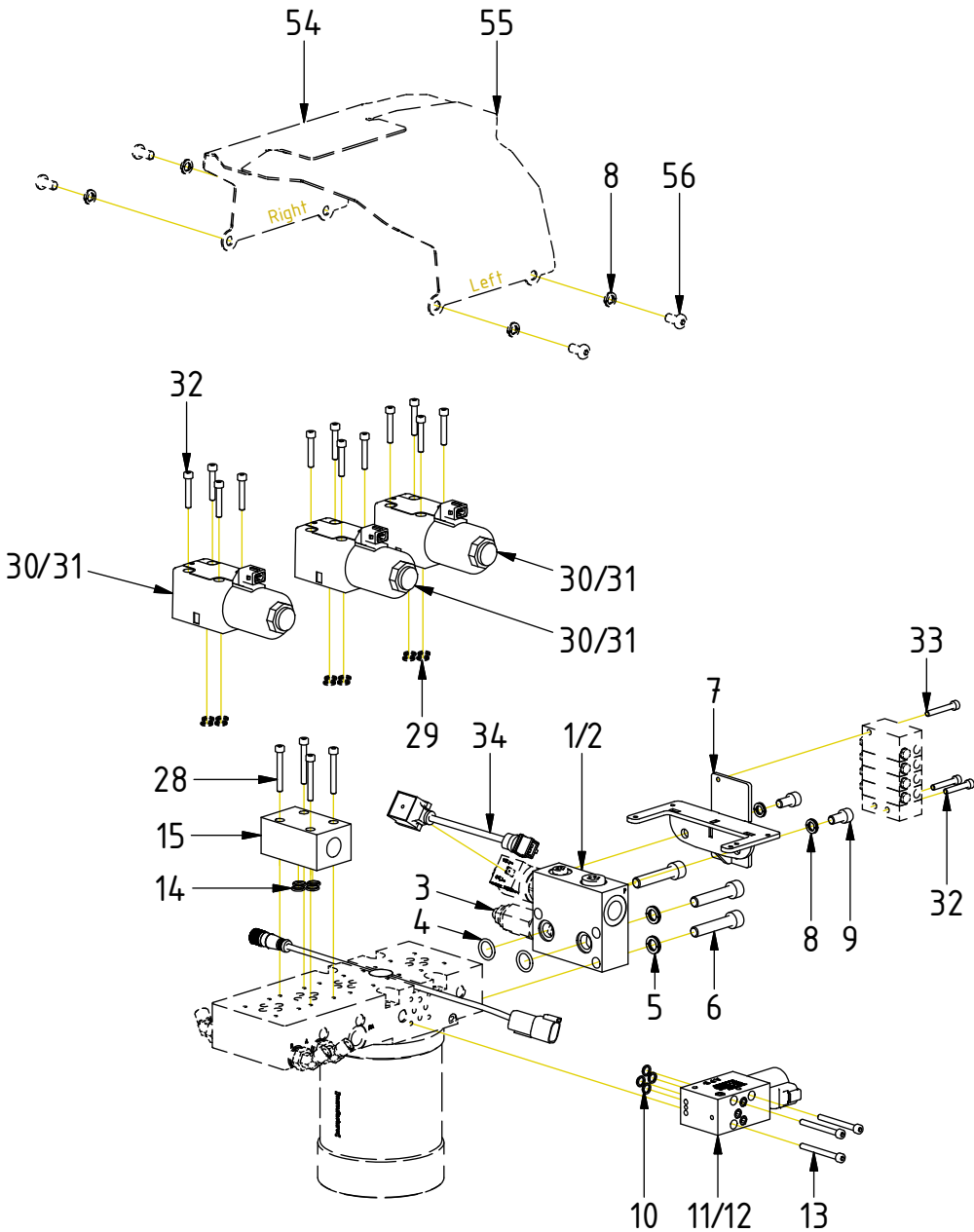


Indicates instruction.



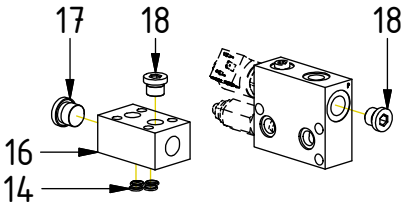
Represents Hose.

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

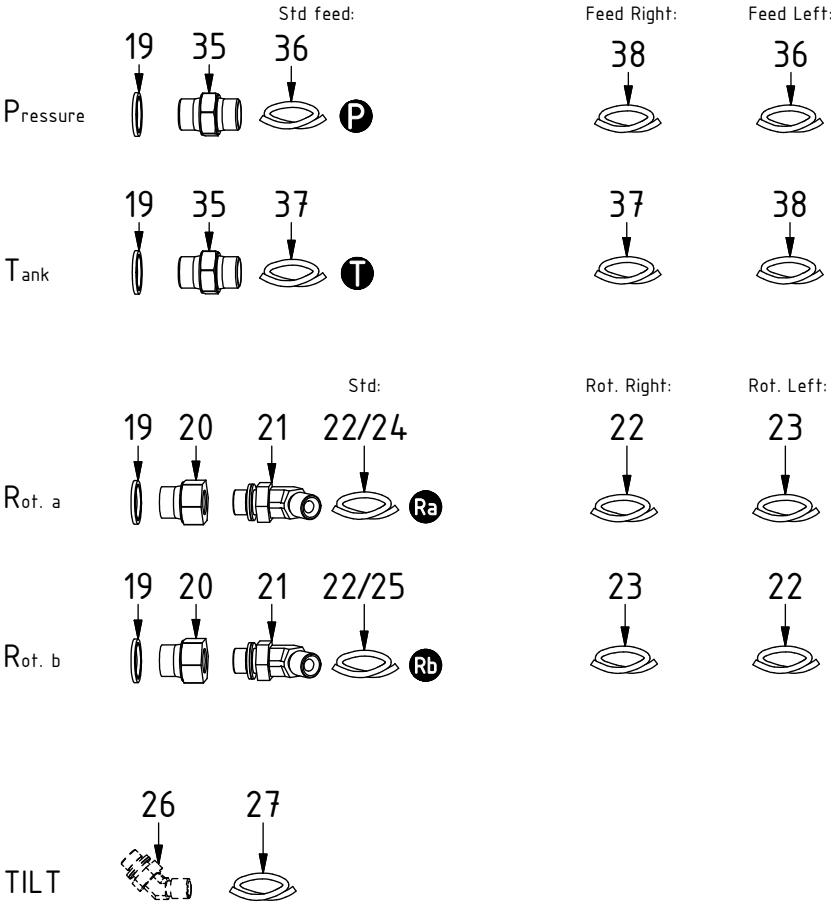


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Connectionbl. P reducer +Dump 12	1056908	1	(POS.3 incl.)
2	Connectionbl. P reducer +Dump 24	1058798	1	(POS.3 incl.)
3	Dual relief valve 1CLLR100	730287	1	
4	O-ring 15,54x2,62	712423	2	
5	Washer NL 10mm	611041	3	
6	Screw MC6S M10x50 12.9 ZFSHL	611515	3	
7	Mounting plate Central lub. QSM	1055574	1	
8	Washer NL 8mm	611040	6	QTY: 4 part of make up
9	Screw MC6S M8x16 12.9	610431	2	
10	O-ring 7,65x1,78	710960	4	
11	Directional valve NG4 IQS 12V DT	1042045	1	(POS.10 incl.)
12	Directional valve NG4 IQS 24V DT	1042188	1	(POS.10 incl.)
13	Screw MC6S M5x50 12.9	610407	3	Torque: 9,7Nm
14	O-ring 9,25x1,78	710901	4	
15	Connectionbl. 1/2" crossingchannels	1050000	1	
16	Connectionbl. 1/2"	405670	1	For EC-Oil
17	Plug 70125-08 (1/2")	711500	1	
18	Plug 70125-06 (3/8")	711504	2	
28	Screw MC6S M5x40 12.9	610405	4	
29	O-ring 8,75x1,78	710959	12	
30	Directional valve closed 12V	7001619	3	(POS.29 incl.)
31	Directional valve closed 24V	7001618	3	(POS.29 incl.)
32	Screw MC6S M5x30 12.9	610403	14	Torque: 9,7Nm
33	Screw MC6S M5x35 12.9	610404	1	
34	Adapter cabel-Hirschmann-Amp	302971	1	
54	Protective cover EC209 QSM right	1056633	1	Part of make up
55	Protective cover EC209 QSM left	1056632	1	Part of make up
56	Screw K6S M8x16 10.9 FZB	611810	4	Part of make up

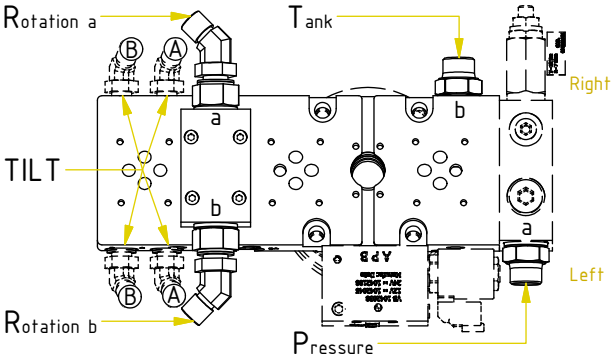
EC-Oil:



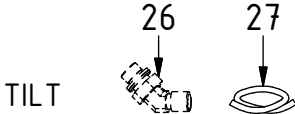
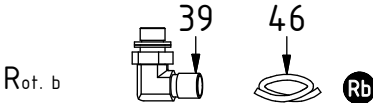
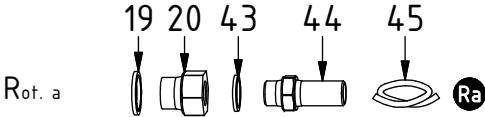
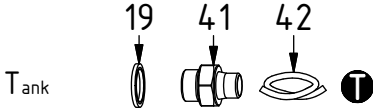
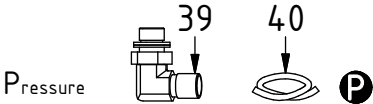
Hoses
Without EC-Oil



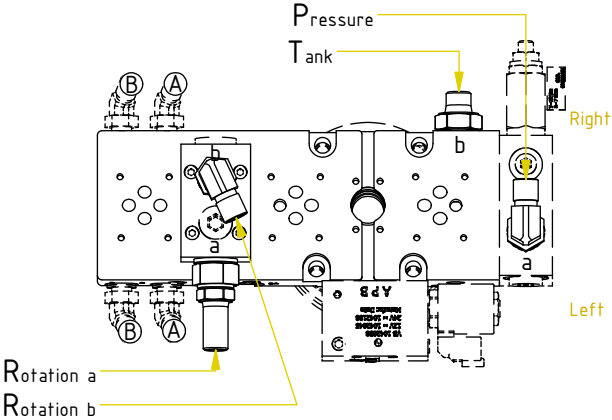
POS	DESCRIPTION	PART	QTY	COMMENTS
19	Washer GBR08 1/2	710704	4	QTY: 2 for EC-Oil
20	Adapter 234-08-06	710233	2	QTY: 1 for EC-Oil
21	Adapter 45° 402-06-06(3/8")	7000090	2	
22	Hose Rotation a & b - QSM45	7001587	2	QTY: 1 for Rot. Right/Left
23	Hose Rotation Right/Left - QSM45	7001589	1	Rot. Left: Use this for "a" Rot. Right: Use this for "b"
24	Hose Rotation a - QSM50	7001846	1	
25	Hose Rotation b - QSM50	7001847	1	
26	Adapter 45° 402-04-04 (1/4")	7000104	4	Part of quick hitch assy.
27	Hose Tilt	7001308	4	
35	Adapter 136-08-08 (1/2")	710108	2	
36	Hose Feed P	7001265	1	
37	Hose Feed T	7001266	1	
38	Hose Feed Right/Left	7001586	1	Feed Right: Use this for "P" Feed Left: Use this for "T"



Hoses
EC-Oil



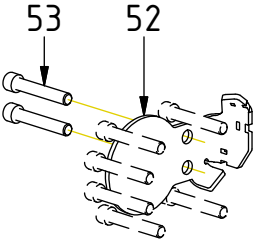
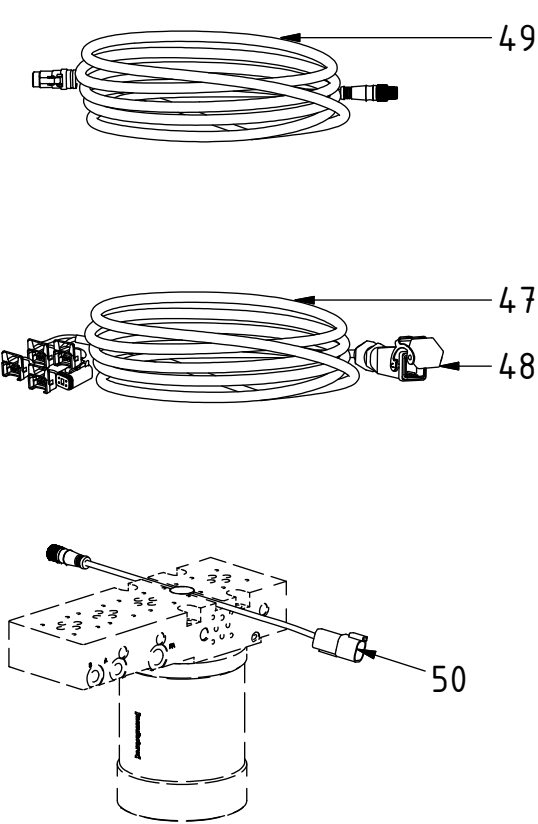
POS	DESCRIPTION	PART	QTY	COMMENTS
19	Washer GBR08 1/2	710704	4	QTY: 2 for EC-Oil
20	Adapter 234-08-06	710233	2	QTY: 1 for EC-Oil
26	Adapter 45° 402-04-04 (1/4")	7000104	4	Part of quick hitch assy.
27	Hose Tilt	7001308	4	
39	Adapter 401-06-06 90° (3/8")	710152	2	
40	Hose Feed P EC-Oil	7001311	1	
41	Adapter 135-06-08	710122	1	
42	Hose Feed T EC-Oil	7001268	1	
43	Washer GBR06 3/8	710703	1	
44	Adapter 1260-06-32 (3/8")	710242	1	
45	Hose Rotation a EC-Oil	7001274	1	
46	Hose Rotation b EC-Oil	7001317	1	



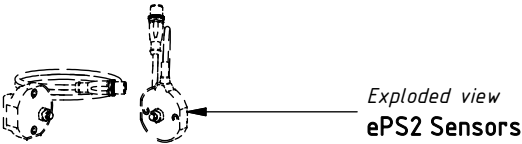
Cables

POS	DESCRIPTION	PART	QTY	COMMENTS
47	Aggregate cable ss9-2 DT Complete	8001823	1	
48	ILME cover 12P contact with jumper	810208	1	(Incl. with agg.cable)
49	Cable QS QLM tiltrotator ss9-2	842148	1	
50	Q-Safe connector			
51	Adapter cable ECO (DTM) ss9-2	1029599	1	For EC-Oil. Instead of POS.47 & 49
52	Protection plate End lock EC209B	1063372	1	
53	Screw MC6S M12x70 12.9 Geomet	611517	8	Torque: 136Nm

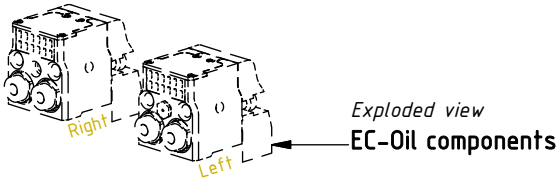
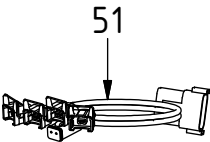
POS in order of assembly

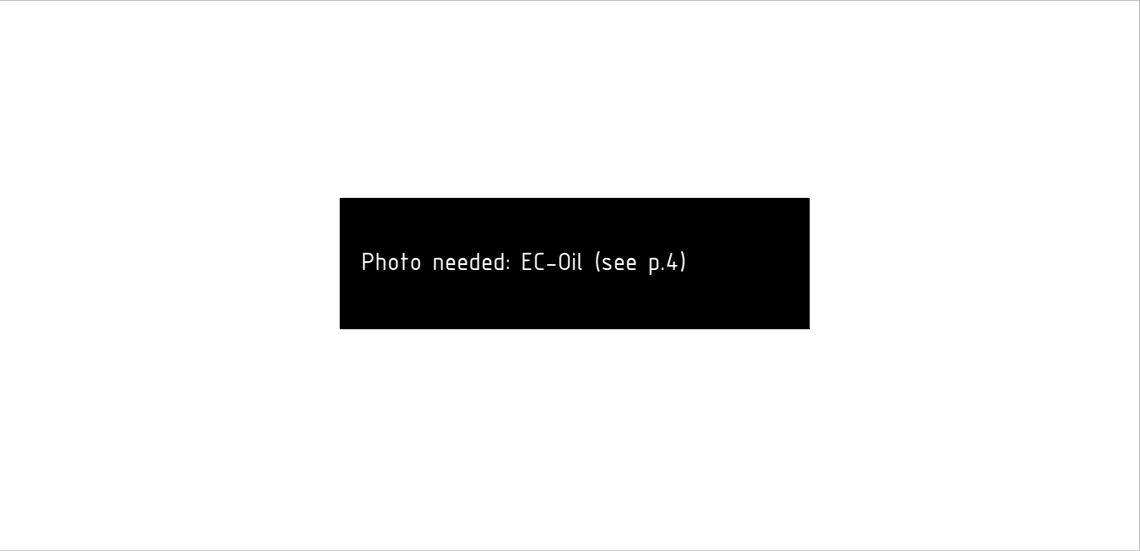
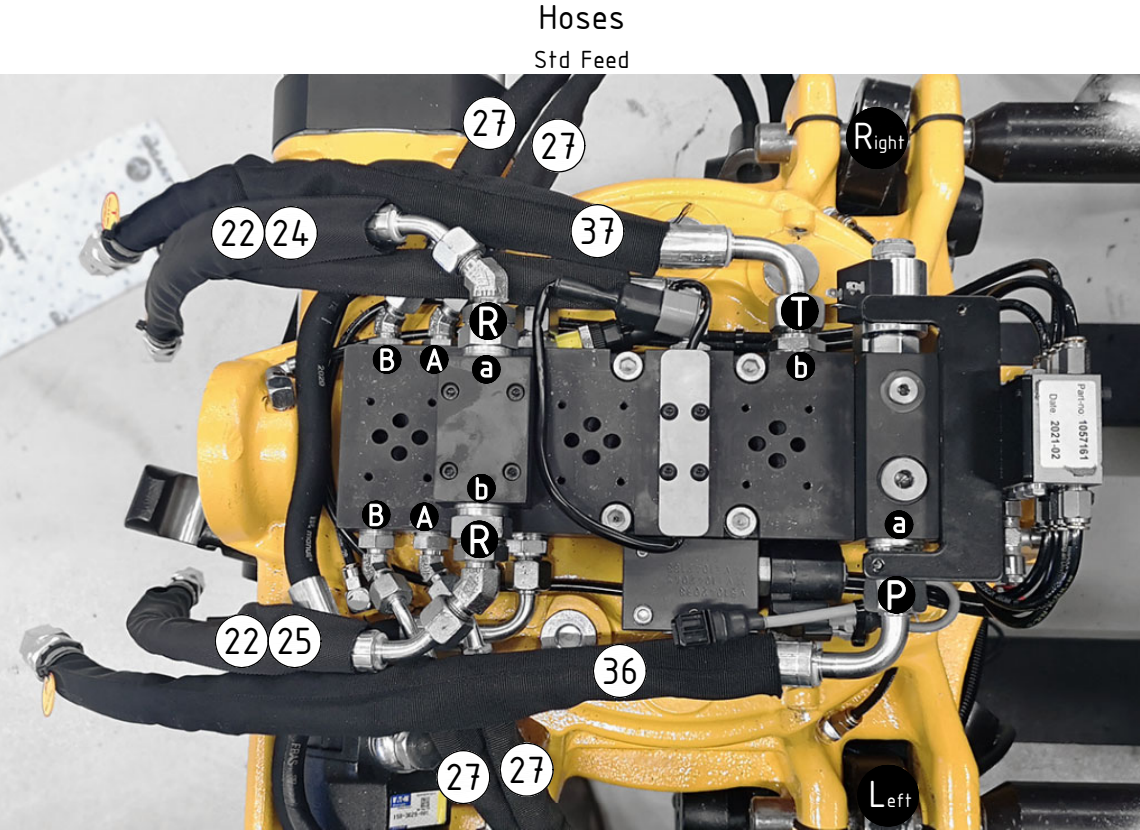


EC209BS:

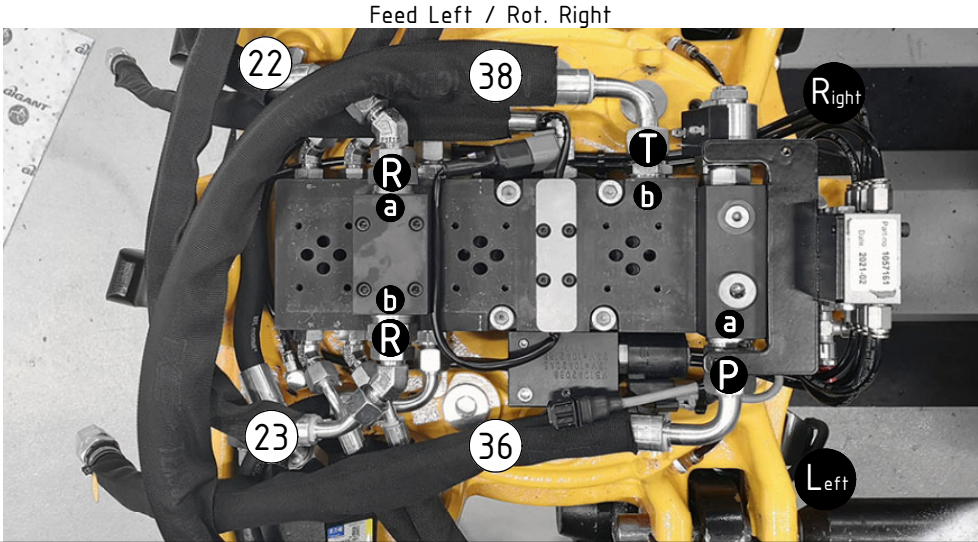
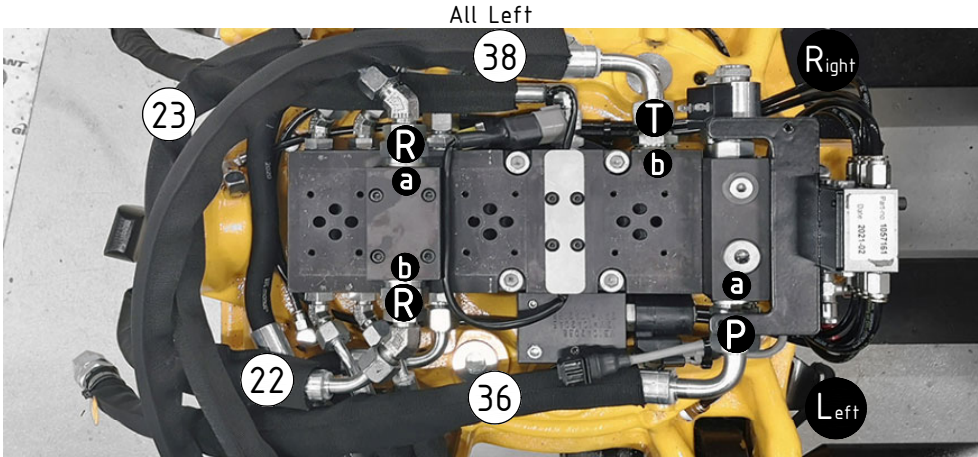


EC-Oil:





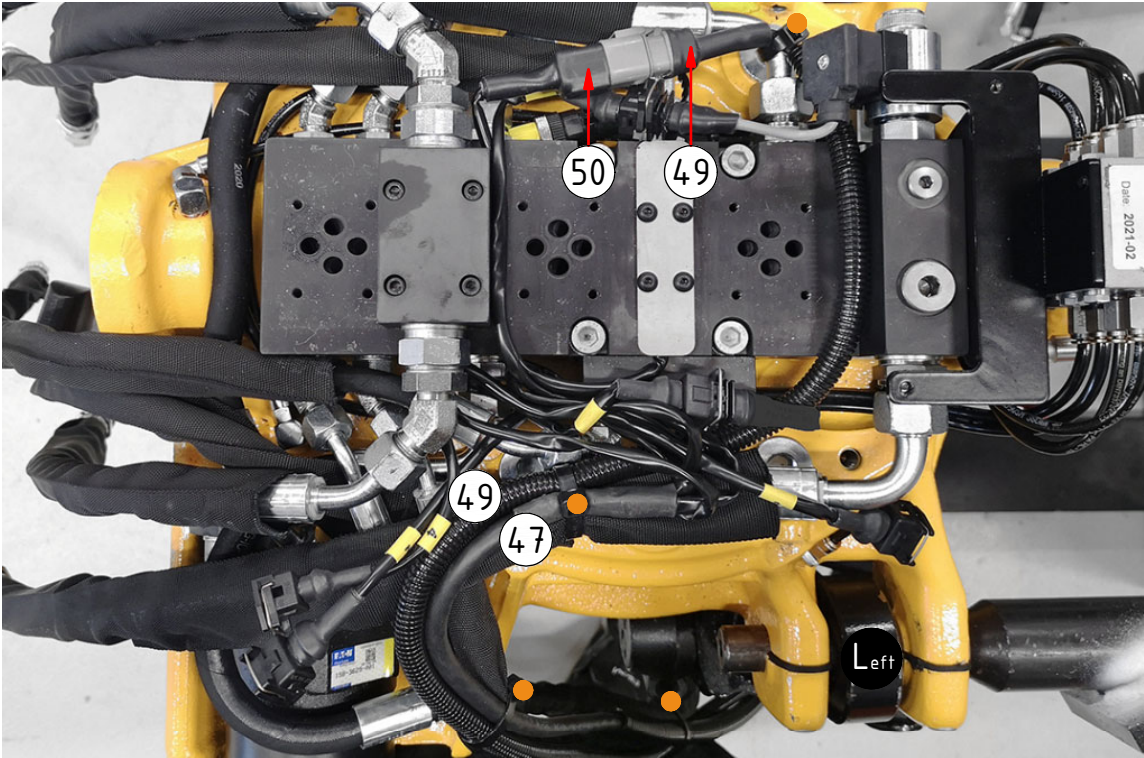
POS	DESCRIPTION	PART	QTY	COMMENTS
22	Hose Rotation a & b - QSM45	7001587	2	QTY: 1 for Rot. Right/Left
23	Hose Rotation Right/Left - QSM45	7001589	1	Rot. Left: Use this for "a" Rot. Right: Use this for "b"
24	Hose Rotation a - QSM50	7001846	1	
25	Hose Rotation b - QSM50	7001847	1	
27	Hose Tilt	7001308	4	
36	Hose Feed P	7001265	1	
37	Hose Feed T	7001266	1	
38	Hose Feed Right/Left	7001586	1	Feed Right: Use this for "P" Feed Left: Use this for "T"
40	Hose Feed P EC-Oil	7001311	1	
42	Hose Feed T EC-Oil	7001268	1	
45	Hose Rotation a EC-Oil	7001274	1	
46	Hose Rotation b EC-Oil	7001317	1	



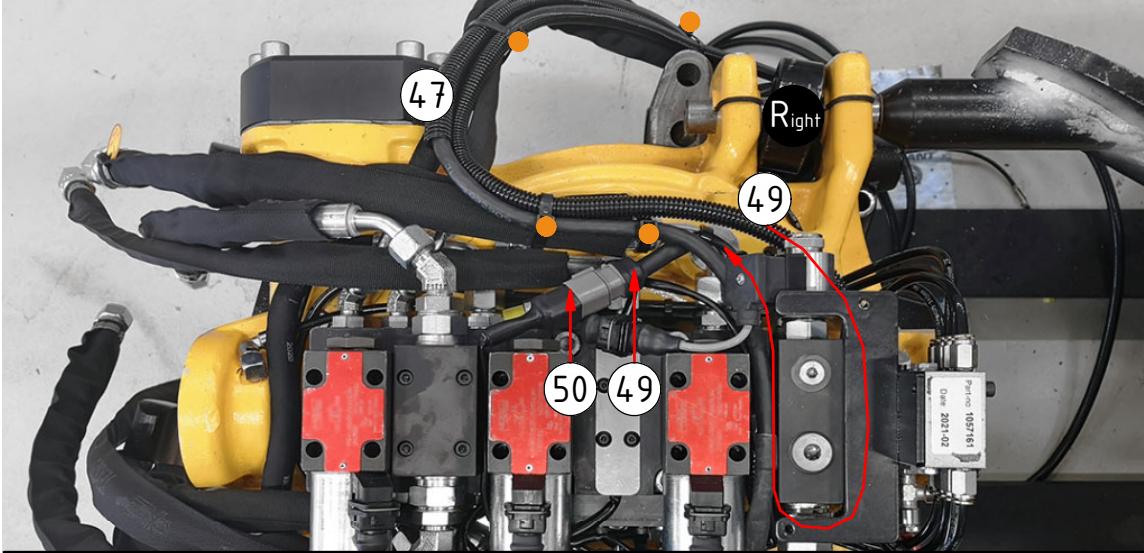
Cables

POS	DESCRIPTION	PART	QTY	COMMENTS
47	Aggregate cable ss9-2 DT Complete	8001823	1	
49	Cable QS QLM tiltrotator ss9-2	842148	1	
50	Q-Safe connector			
51	Adapter cable ECO (DTM) ss9-2	1029599	1	For EC-Oil. Instead of POS.47 & 49
●	Use cable ties			

POS in order of assembly

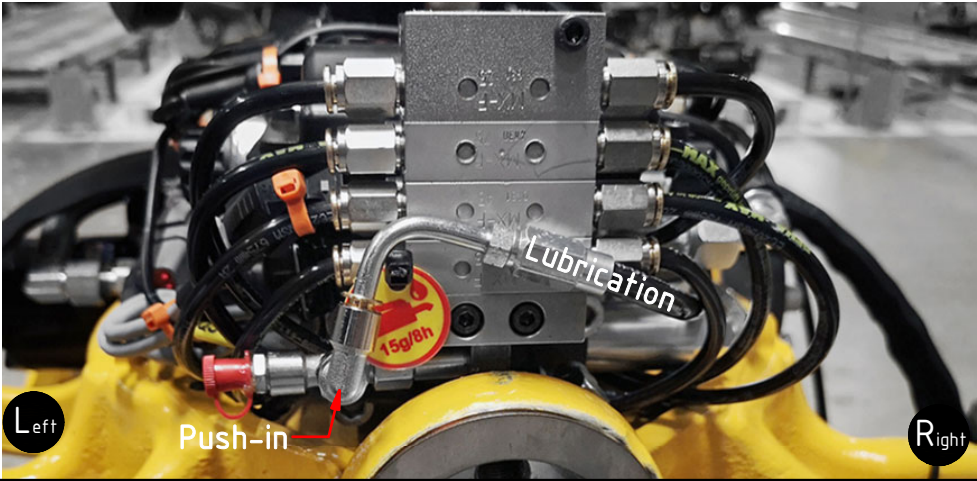


Cables Right (option)



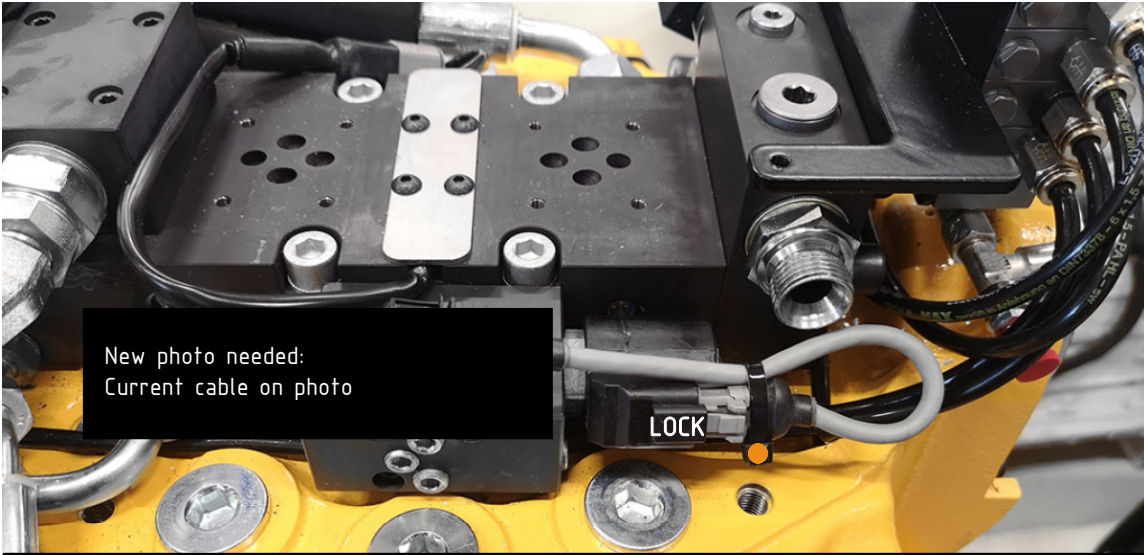
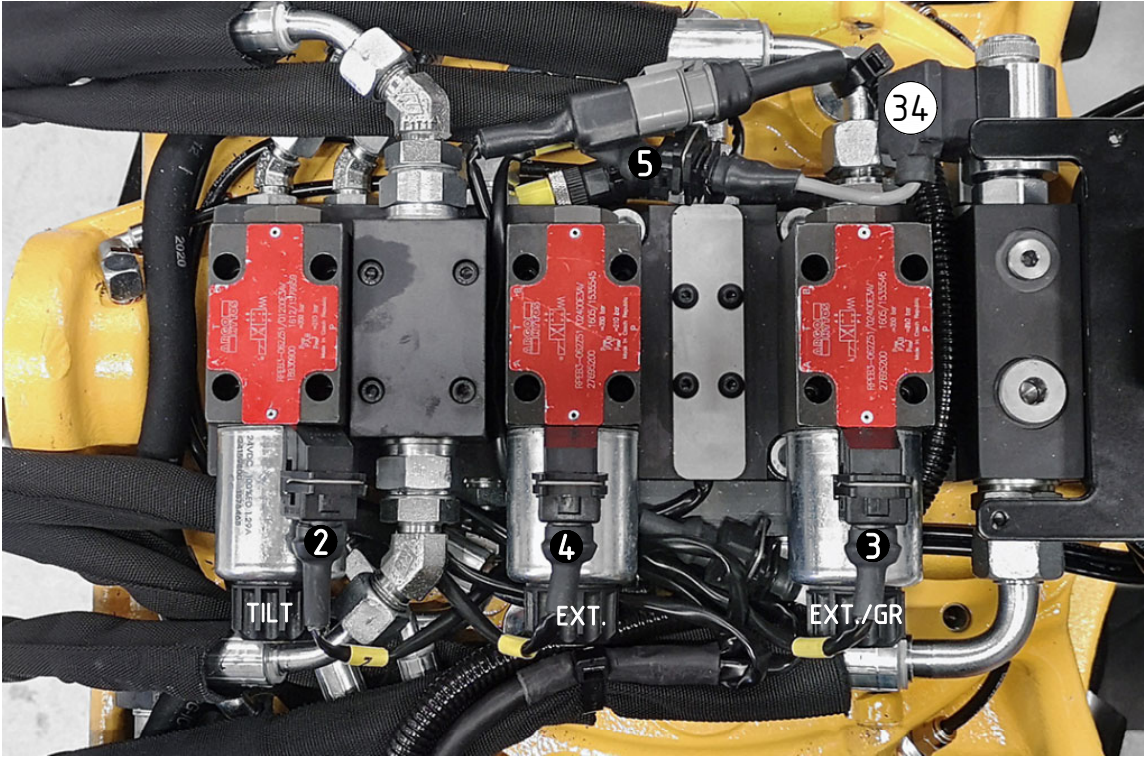
EC-Oil:

Photo needed: POS.50 to 6P from block,
POS.51 to 12P from block



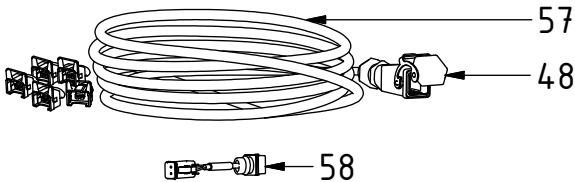
Valves

POS	DESCRIPTION	PART	QTY	COMMENTS
34	Adapter cabel-Hirschmann-Amp	302971	1	
●	Use cable ties			

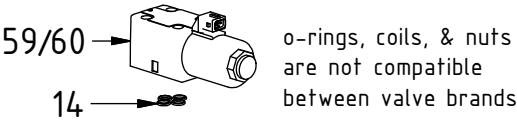


POS in order of assembly

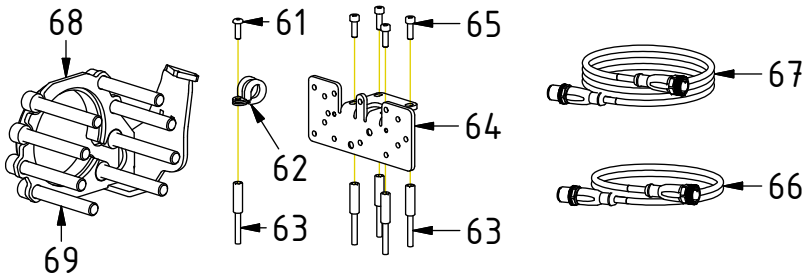
SPARE PARTS



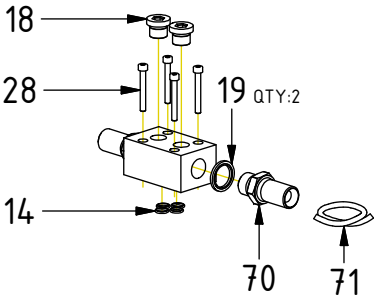
Used until 2022-06



EC209PS:



ss9IQSX:



POS	DESCRIPTION	PART	QTY	COMMENTS
14	O-ring 9,25x1,78	710901	4	
18	Plug 70125-06 (3/8")	711504	2	
19	Washer GBR08 1/2	710704	4	QTY: 2 for EC-Oil
28	Screw MC6S M5x40 12.9	610405	4	
30	Directional valve closed 12V	7001619	3	(POS.29 incl.)
31	Directional valve closed 24V	7001618	3	(POS.29 incl.)
47	Aggregate cable ss9-2 DT Complete	8001823	1	
48	ILME cover 12P contact with jumper	810208	1	(Incl. with agg.cable)
57	Aggregate cable ss9-2 JT Complete	1032909	1	Replaced by POS.47 from 2022-06
58	Adapter cable DT-JT	1017478	1	Used until 2022-06
59	Argo hytos valve closed 12V	730112	1	Replaced by POS.30 (ATOS)
60	Argo hytos valve closed 24V	730110	1	Replaced by POS.31 (ATOS)
61	Screw K6S M5x16 10.9 FZB	611818	1	
62	Rubber steel clamp ø16	6000009	1	
63	Valve spacer	1034402	5	
64	Plate EC209PS QSM	1057538	1	
65	Screw MC6S M5x16 12.9	610401	4	
66	Adapter cable ePS rotation sensor	8000784	1	
67	Unit cable ePS w. 120 ohm termin.	8000824	1	
68	Protection EC209PS	1033565	1	
69	Screw MC6S M12x80 12.9 ZFSHL	6000148	8	Torque: 136Nm
70	Adapter 1260-08-08 (1/2")	710244	2	
71	Hose Feed Extra		2	CC615/KL500

POS in order of assembly