

EC209 - ss0

COVERSHEET

Planned document changes:

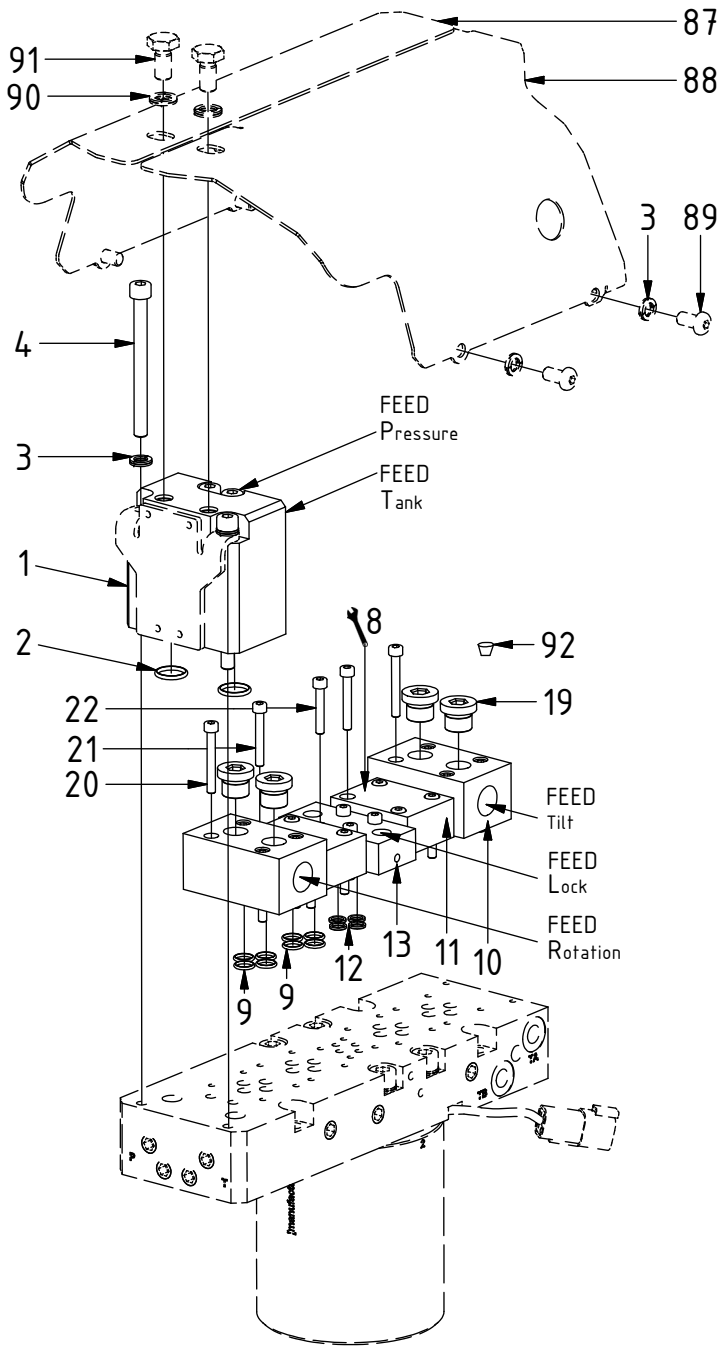
Briefly:

No planned changes.

Document changes:

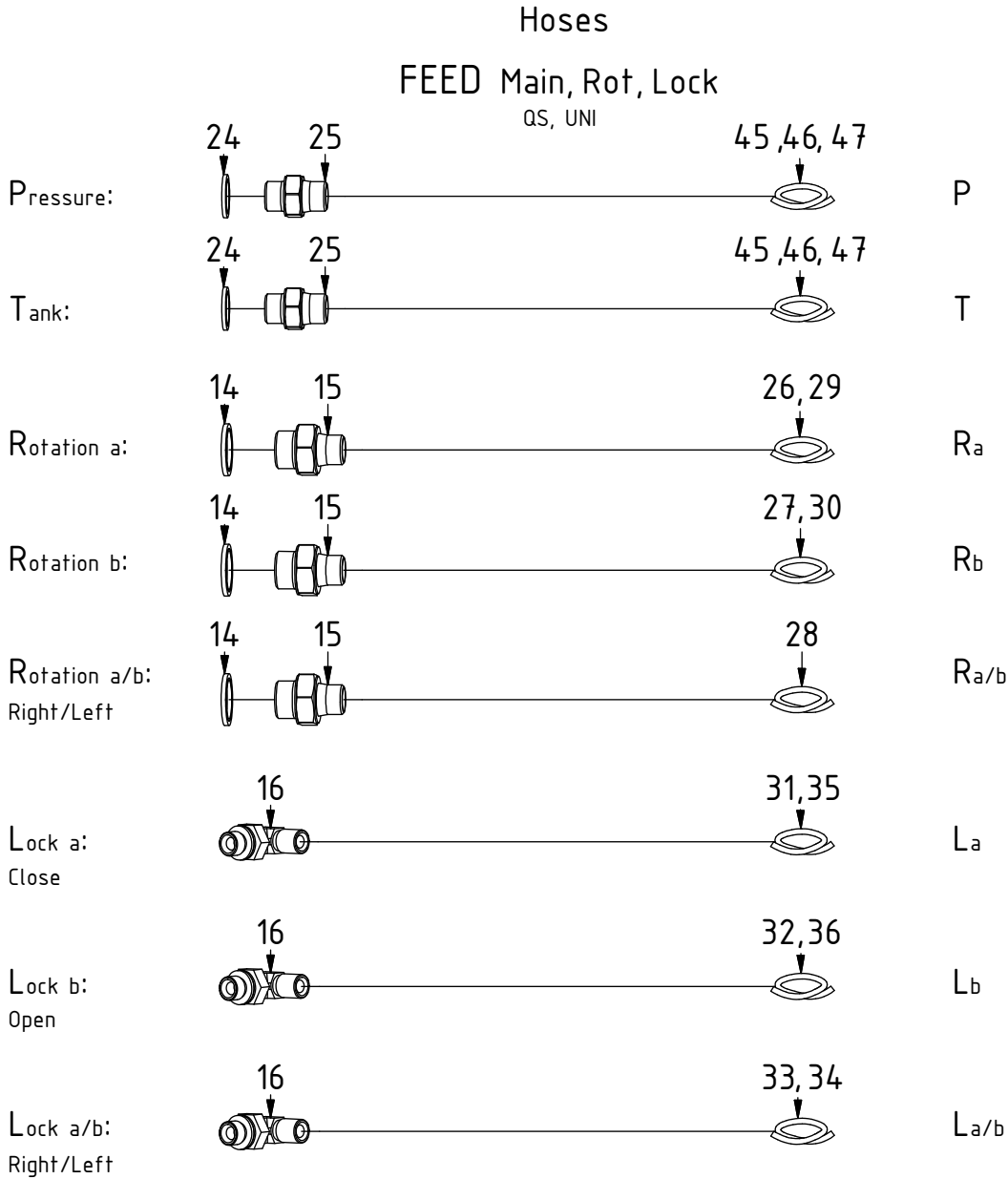
Date:	Change:	Rev. after change:
2022-02-25	Hoses for Menzi muck added.	A
2021-07-06	New instruction.	-

EC209 - ss0



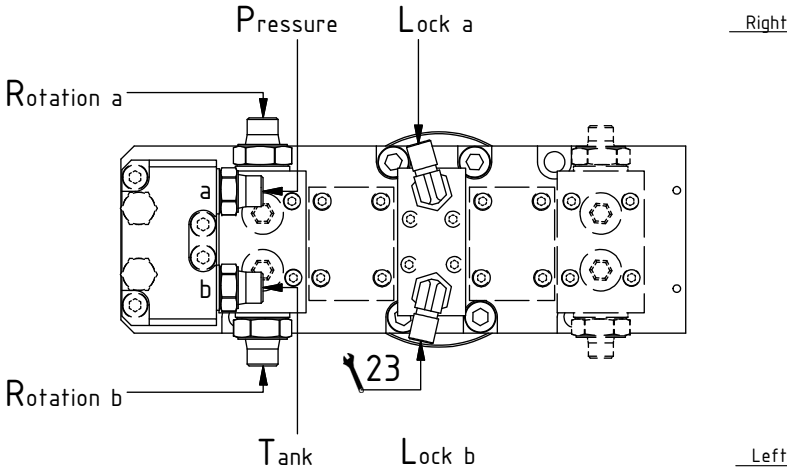
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Feed block EC209 ss0	1024278	1	
2	O-ring NBR 70	712402	2	
3	Washer NL 8mm	611040	8	QTY: 4 part of make up
4	MC6S M8x90 12.9	610444	4	
8	For ss0 with Grab			Use same parts as Rot. & Tilt
9	O-ring 9,25x1,78	710901	16	
10	Connection block 1/2"	405670	2	QTY: 3 for ss0 with Grab
11	Overflow block NG6	1005844	2	QTY: 1 for ss0 with Grab
12	O-ring 7,65x1,78	710960	4	
13	Connectionblock NG4	1009586	1	
19	Plug 70125-06 (3/8")	711504	4	QTY depends on config. (4-8)
20	MC6S M5x40 12.9	610405	8	QTY: 12 for ss0 with Grab
21	MC6S M5x35 12.9	610404	8	QTY: 4 for ss0 with Grab
22	MC6S M5x30 12.9	610403	4	Torque: 9,7Nm
87	Protective cover EC209 right	1016515	1	
88	Protective cover EC209 left	1016516	1	
89	K6S M8x16 10.9 FZB	611810	4	
90	Washer NL 10mm	611041	6	
91	M6S M10x20 8,8 FZB	610141	2	
92	Plastic plug (red) for valves	790156	12	

Without
Extra:
 19
Replaces
FEED P & T

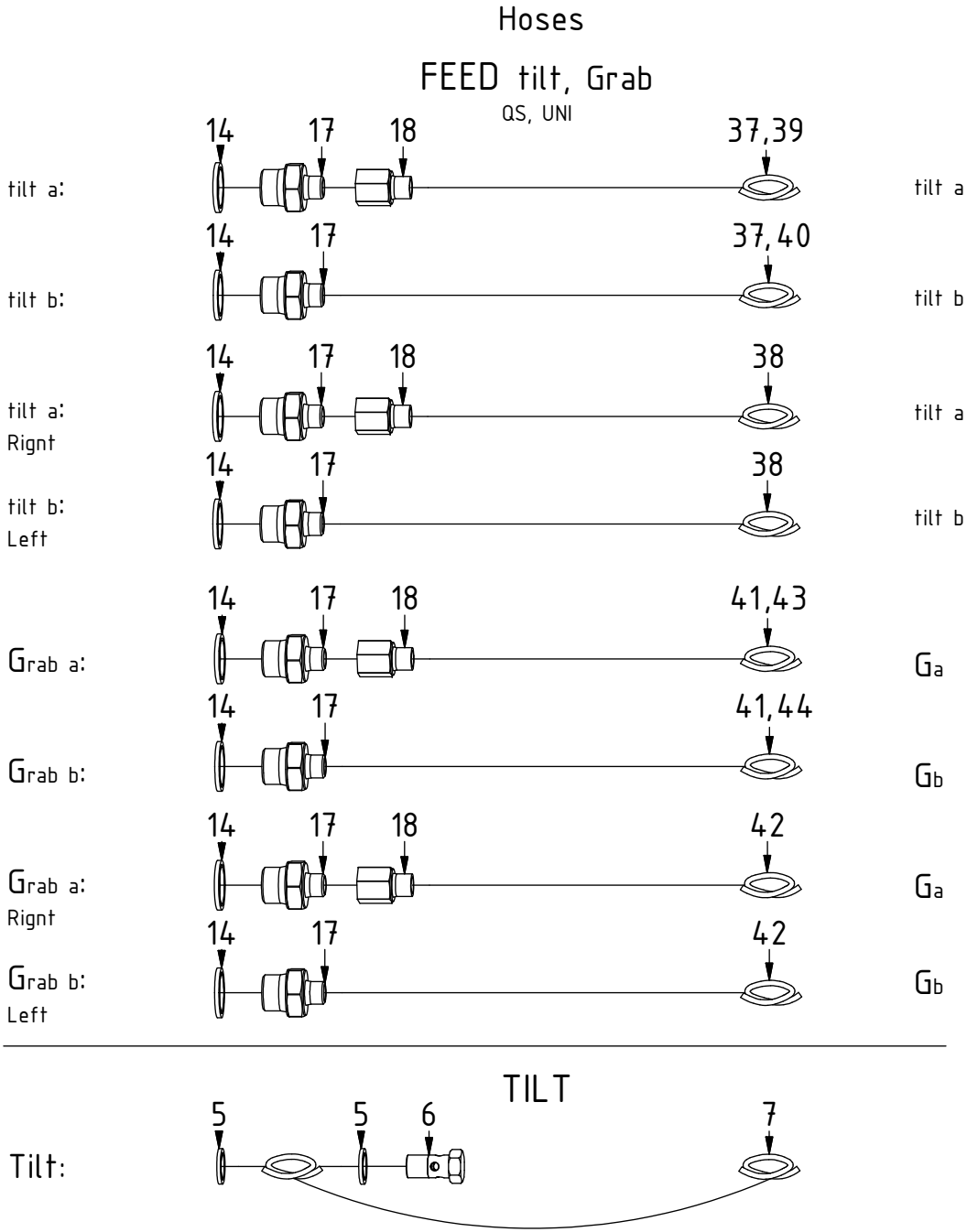


POS	DESCRIPTION	PART	QTY	COMMENTS
14	Washer GBR08 1/2	710704	6	
15	Adapter 135-06-08	710122	2	
16	Adapter 401-04-04 90° (1/4")	710151	2	
23	For UNI, CW, SW			Angle straight down
24	Washer GBR06 3/8	710703	2	
25	Adapter 136-06-06 (3/8")	710106	2	
26	Hose Rot. a - QS45/50	7000487	1	
27	Hose Rot. b - QS45/50	7000496	1	
28	Hose Rot. Right / Left - QS45/50	7000488	1	Replaces "a" for Rot. Left Replaces "b" for Rot. Right
29	Hose Rot. a - UNI	7000039	1	
30	Hose Rot. b - UNI	7000040	1	
31	Hose Lock a - QS45/50	7000489	1	
32	Hose Lock b - QS45/50	7000490	1	
33	Hose Lock Right a - QS45/50	7000500	1	
34	Hose Lock Left b - QS45/50	7000605	1	
35	Hose Lock a - UNI	7000797	1	
36	Hose Lock b - UNI	7000041	1	
45	Hose Feed - QS45/50	7000012	2	QTY: 1 for Feed Right/Left
46	Hose Feed Right/Left - QS45/50	742814	1	For Right: a-side. For Left: b-side
47	Hose Feed - UNI	742855	2	(Same for Feed Right/Left)

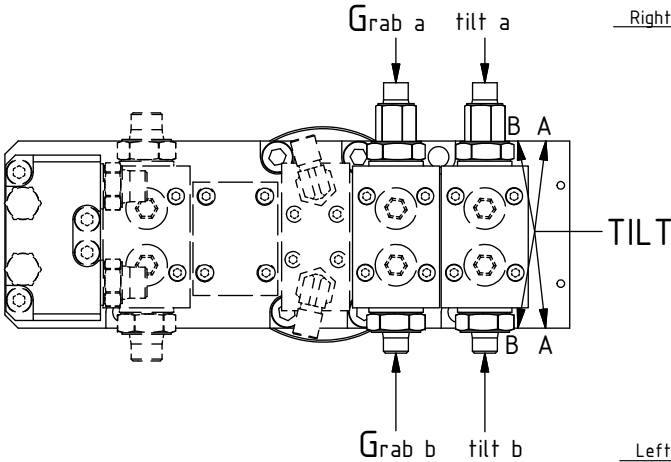
POS in order of assembly

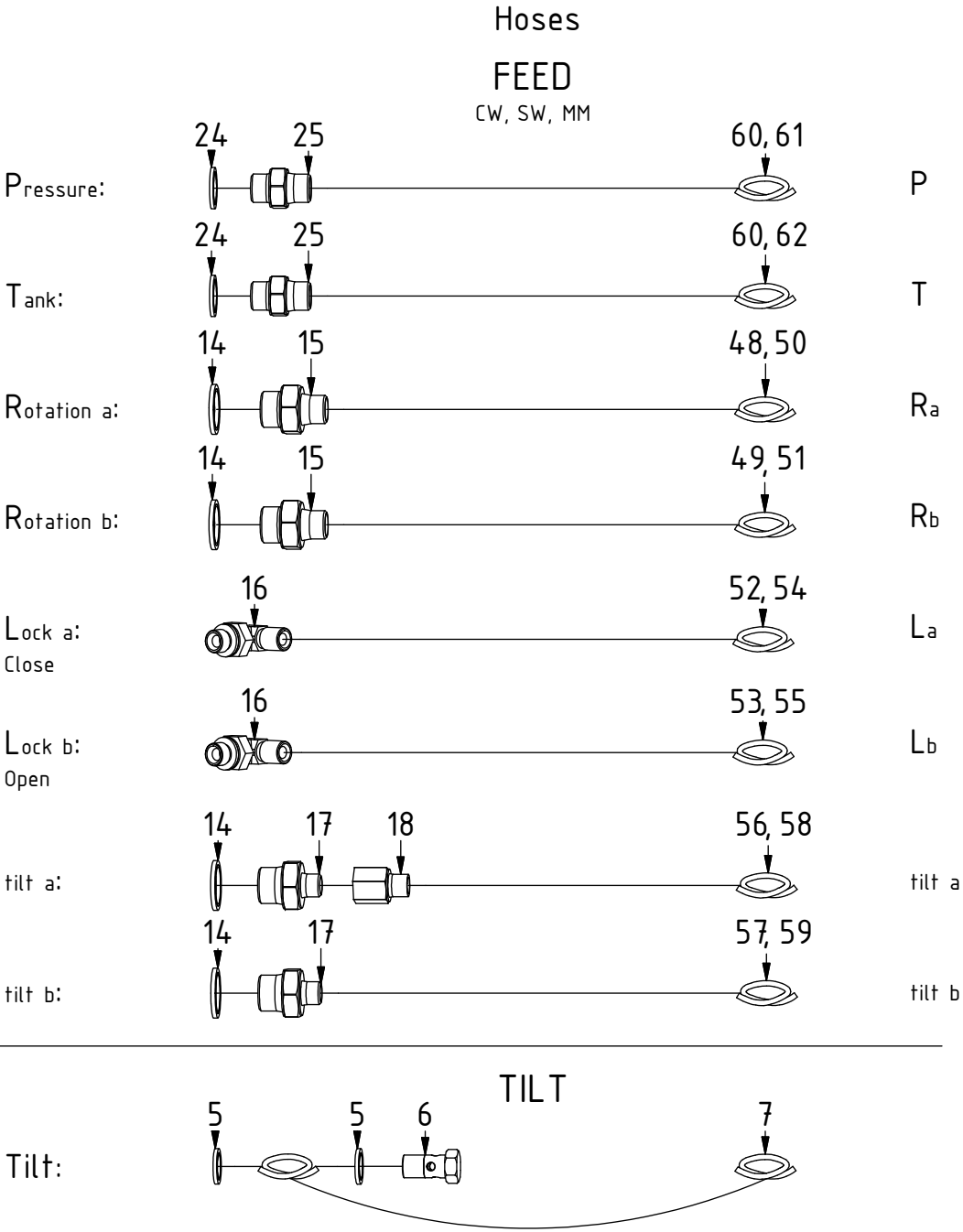


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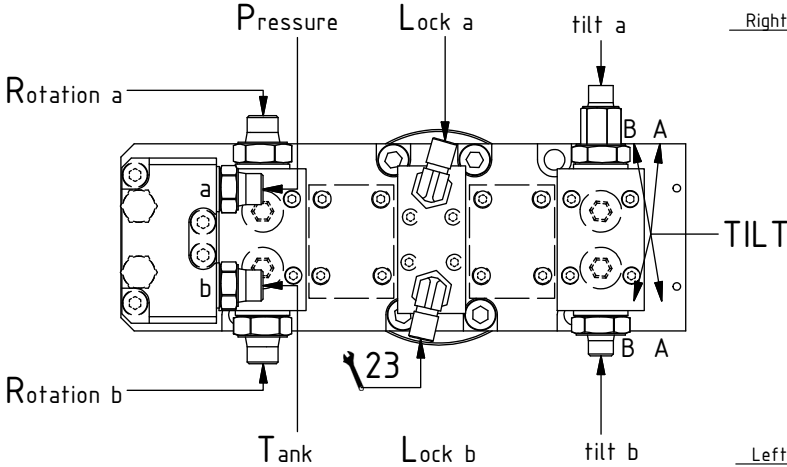


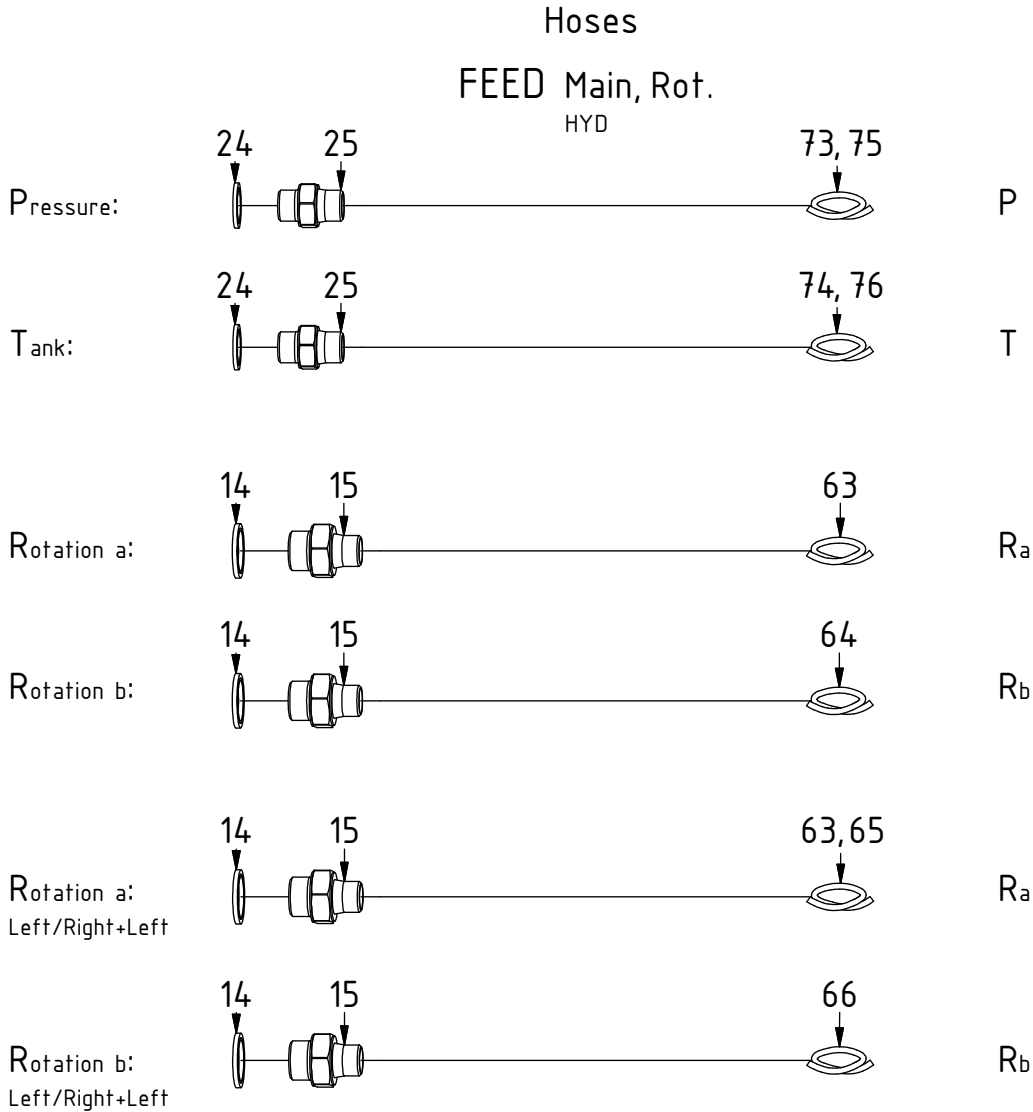
POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer GBR04 1/4	710702	8	
6	Banjo bolt 4451-04 (1/4")	710271	4	
7	Hose Tilt	7000791	4	
14	Washer GBR08 1/2	710704	6	
17	Adapter 135-04-08 (1/4"-1/2")	710120	4	
18	Adapter 236-04-04	1013885	2	
37	Hose Feed Tilt - QS45/50	7000491	2	QTY: 1 for Tilt Right/Left
38	Hose Feed Tilt Short - QS45/50	7000492	1	For Right: a-side. For Left: b-side
39	Hose Feed Tilt a - UNI	7000335	1	
40	Hose Feed Tilt b - UNI	7000798	1	
41	Hose Feed Grab - QS45/50	7000493	2	QTY: 1 for Tilt Right/Left
42	Hose Feed Gr. Right/Left-QS45/50	7000494	1	For Right: a-side. For Left: b-side
43	Hose Feed Grab a - UNI	7000797	1	
44	Hose Feed Grab b - UNI	7000041	1	





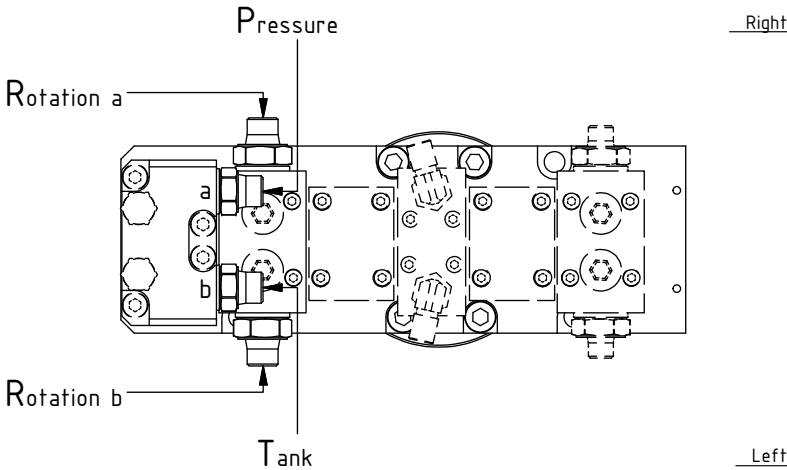
POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer GBR04 1/4	710702	8	
6	Banjo bolt 4451-04 (1/4")	710271	4	
7	Hose Tilt	7000791	4	
14	Washer GBR08 1/2	710704	6	
15	Adapter 135-06-08	710122	2	
16	Adapter 401-04-04 90° (1/4")	710151	2	
17	Adapter 135-04-08 (1/4"-1/2")	710120	4	
18	Adapter 236-04-04	1013885	2	
23	For UNI, CW, SW			Angle straight down
24	Washer GBR06 3/8	710703	2	
25	Adapter 136-06-06 (3/8")	710106	2	
48	Hose Rot. a - CW10, SW33	7000407	1	
49	Hose Rot. b - CW10, SW33	7000707	1	
50	Hose Rot. a - Menzi muck	7000758	1	
51	Hose Rot. b - Menzi muck	7000759	1	
52	Hose Lock a - CW10, SW33	7000708	1	
53	Hose Lock b - CW10, SW33	7000709	1	
54	Hose Lock a - Menzi muck	7000760	1	
55	Hose Lock b - Menzi muck	7000761	1	
56	Hose Feed Tilt a - CW10, SW33	7000710	1	
57	Hose Feed Tilt b - CW10, SW33	7000711	1	
58	Hose Feed Tilt a - Menzi muck	7001682	1	
59	Hose Feed Tilt b - Menzi muck	7001683	1	
60	Hose Feed - CW10, SW33	7000406	2	
61	Hose Feed - Menzi muck (P)	7000756	1	
62	Hose Feed - Menzi muck (T)	7000757	1	



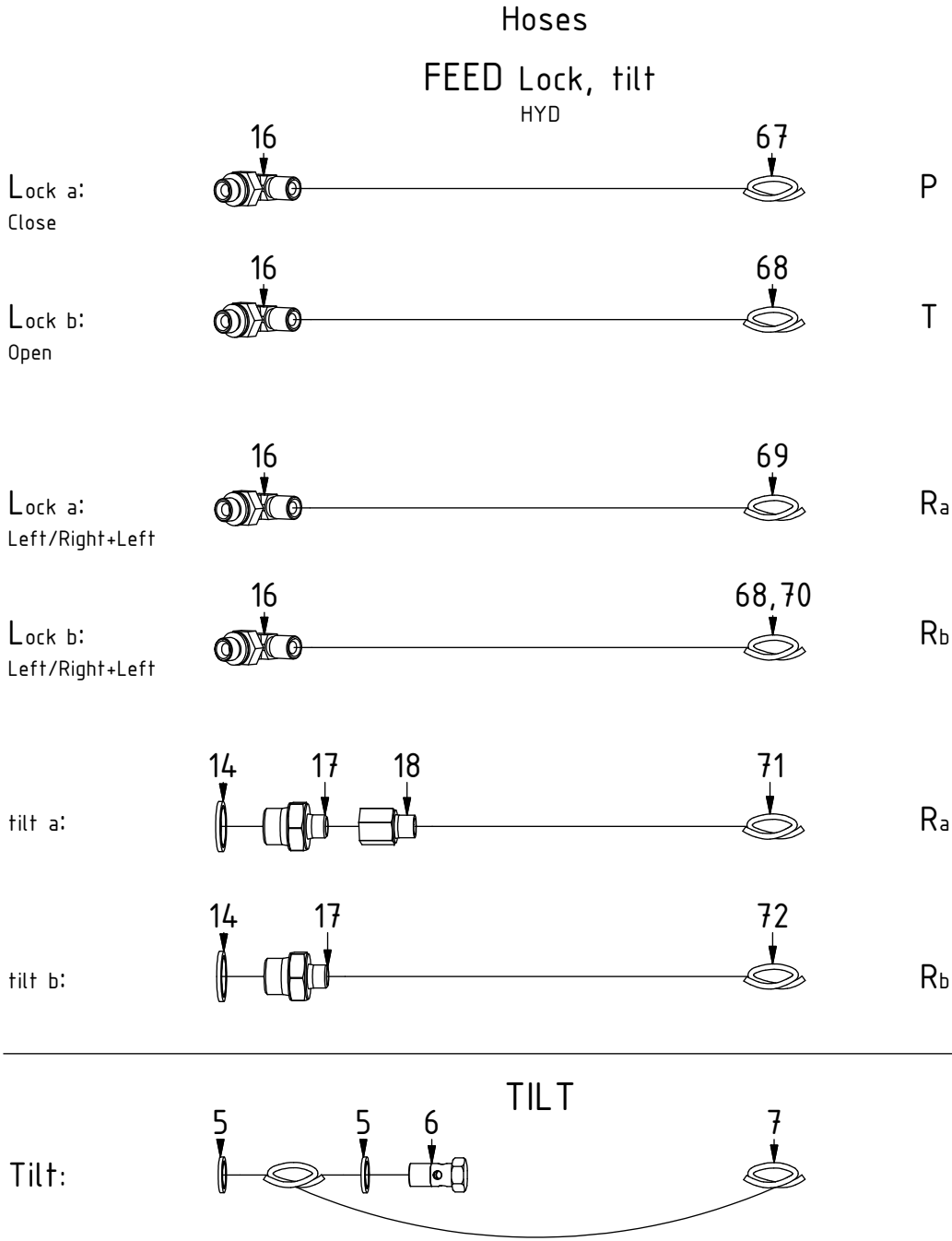


POS	DESCRIPTION	PART	QTY	COMMENTS
14	Washer GBR08 1/2	710704	6	
15	Adapter 135-06-08	710122	2	
24	Washer GBR06 3/8	710703	2	
25	Adapter 136-06-06 (3/8")	710106	2	
63	Hose Rot. a - HYD	7000600	1	(same for Rot. Right+Left)
64	Hose Rot. b - HYD	7000601	1	
65	Hose Rot. Left a - HYD	7000488	1	Rot. Left: Replace POS.63
66	Hose Rot. Left b - HYD	7000609	1	Rot. Left & Rot. Right+Left: Replace POS.64
73	Hose Feed - HYD (P)	7000012	1	(same for Feed Right+Left)
74	Hose Feed - HYD (T)	742814	1	
75	Hose Feed Right - HYD (P)	7000650	1	Feed Right: Replace POS.73
76	Hose Feed Right - HYD (T)	7000608	1	Feed Right & Feed Right+Left: Replace POS.74

POS in order of assembly

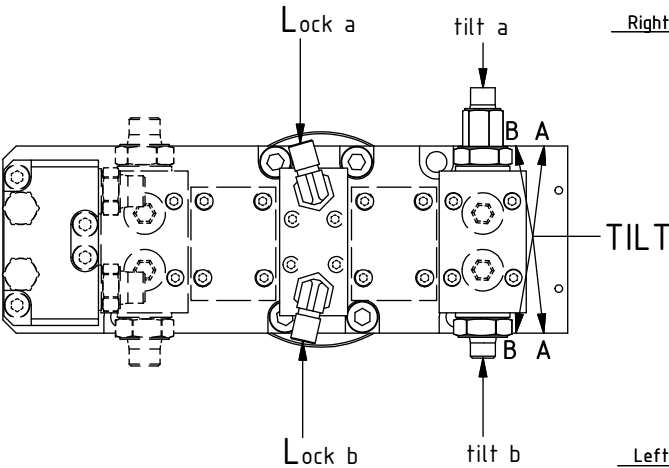


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POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer GBR04 1/4	710702	8	
6	Banjo bolt 4451-04 (1/4")	710271	4	
7	Hose Tilt	7000791	4	
14	Washer GBR08 1/2	710704	6	
16	Adapter 401-04-04 90° (1/4")	710151	2	
17	Adapter 135-04-08 (1/4"-1/2")	710120	4	
18	Adapter 236-04-04	1013885	2	
67	Hose Lock a - HYD	7000334	1	
68	Hose Lock b - HYD	7000008	1	(same for Lock Right+Left)
69	Hose Lock Left a - HYD	7000002	1	Lock Left & Lock Right+Left: Replace POS.67
70	Hose Lock Left b - HYD	7000652	1	Lock Left: Replace POS.68
71	Hose Feed Tilt Long - HYD	7000653	1	
72	Hose Feed Tilt Short - HYD	7000491	1	

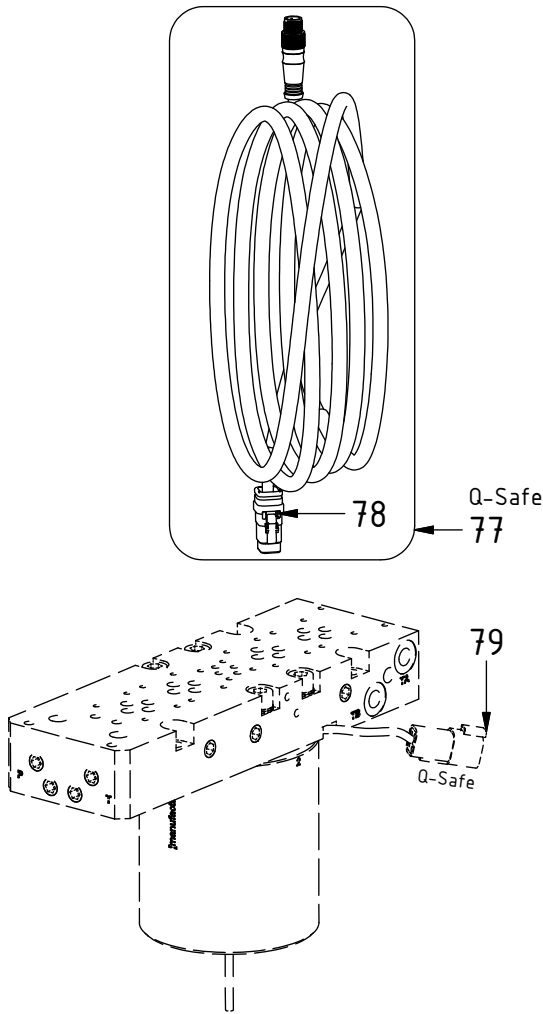
POS in order of assembly



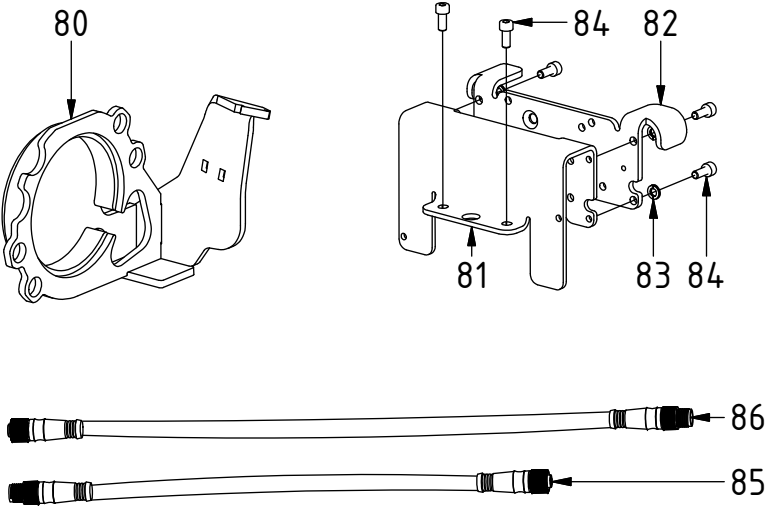
EC209 - ss0

POS	DESCRIPTION	PART	QTY	COMMENTS
77	Cable QS QLM tiltrotator SVAB	842148	1	For Q-Safe
78	Connector Deutsch DTM06-6S	8000053	1	
79	Only for Q-safe, connector			
80	Protection ePS	1033565	1	
81	Bracket ePS	1038301	1	
82	Adapter plate ePS (Not Trimble)	1039019	1	(Trimble directly on POS.81)
83	Washer NL 5 mm	611038	4	
84	MC6S M5x12 12.9	6000077	6	
85	Adapter cable ePS rotation sensor	8000784	1	Cut cable protection: 130mm
86	Ag.cable SVAB ePS w. 120 ohm ter.	8000824	1	

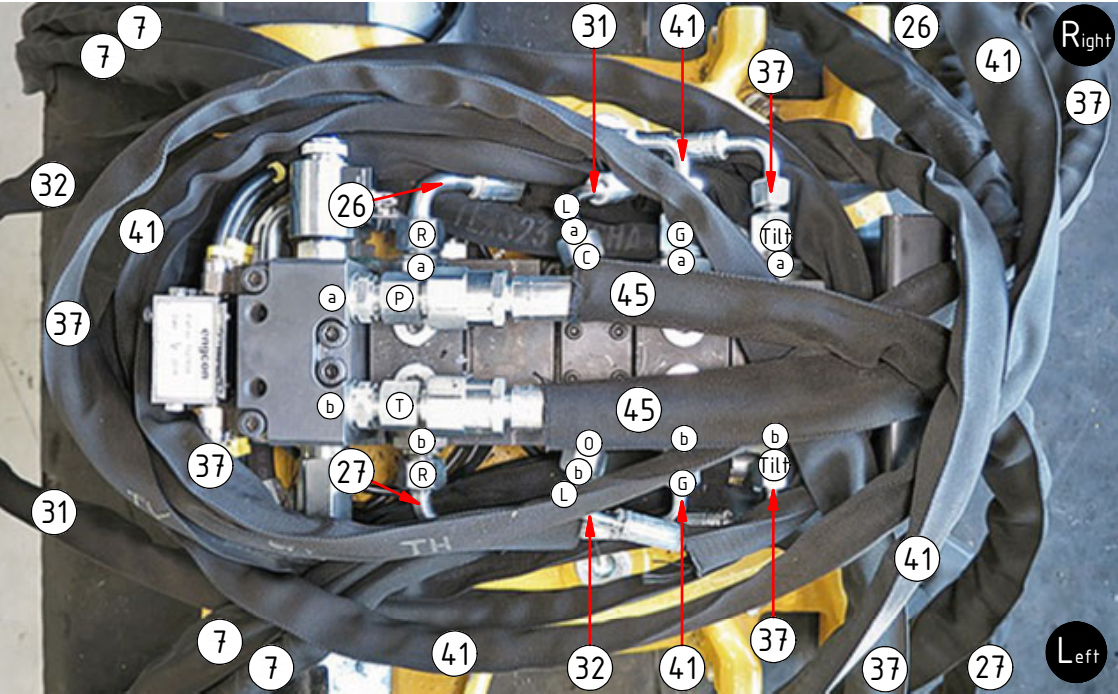
POS in order of assembly



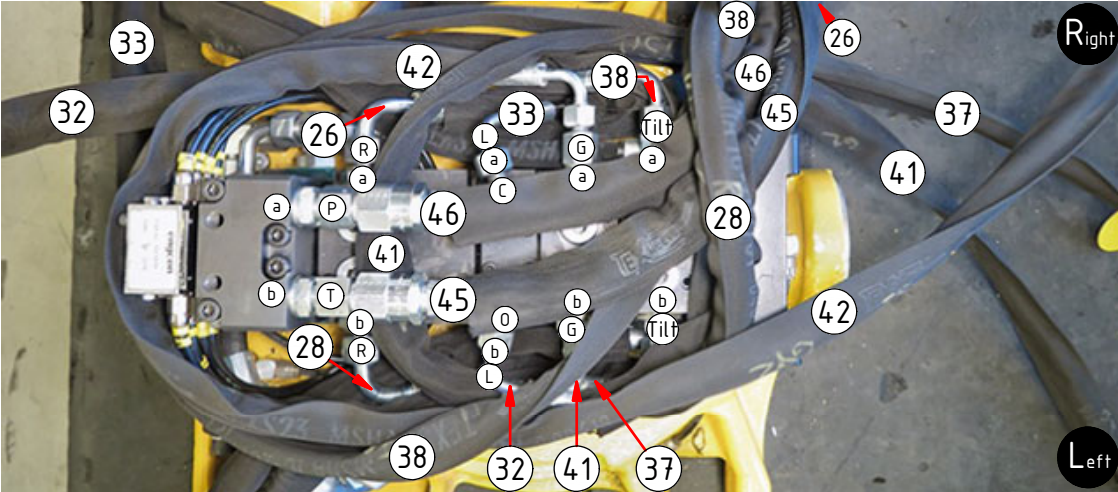
ePS:



Hoses
QS45/50

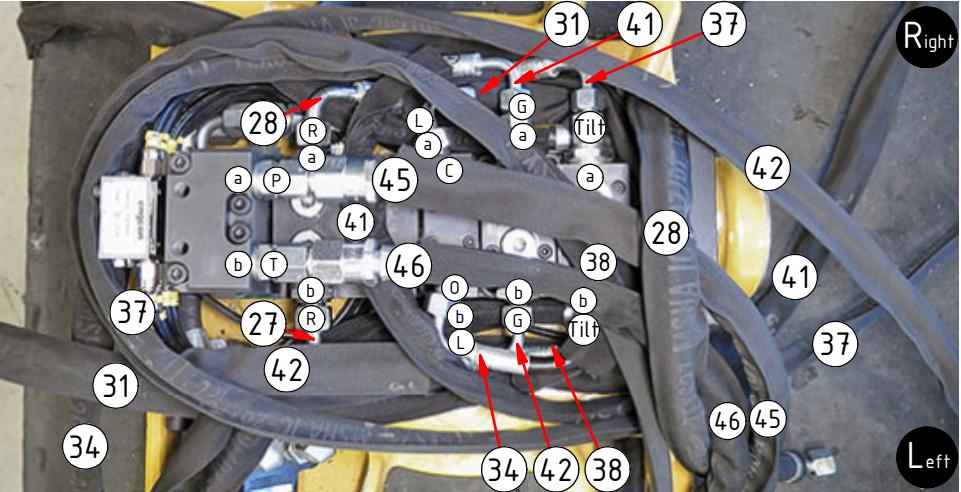


Main Right / Rot. Right / Lock Right / tilt Right / Gr. Right:



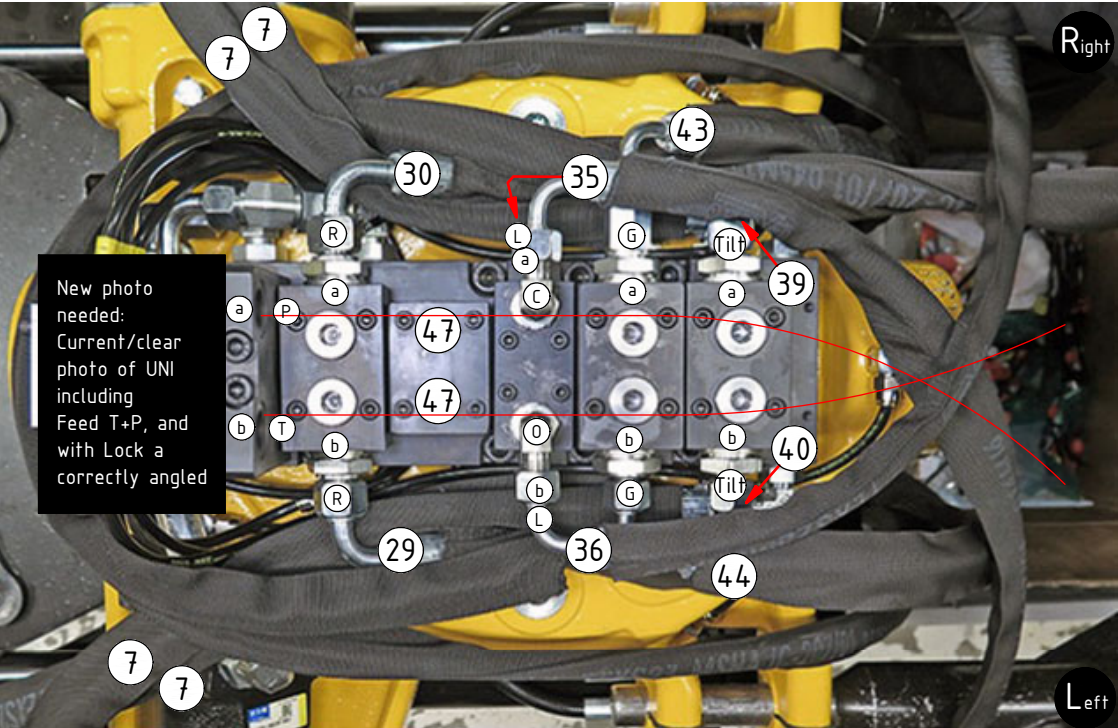
POS	DESCRIPTION	PART	QTY	COMMENTS
7	Hose Tilt	7000791	4	
26	Hose Rot. a - QS45/50	7000487	1	
27	Hose Rot. b - QS45/50	7000496	1	
28	Hose Rot. Right / Left - QS45/50	7000488	1	Replaces "a" for Rot. Left Replaces "b" for Rot. Right
31	Hose Lock a - QS45/50	7000489	1	
32	Hose Lock b - QS45/50	7000490	1	
33	Hose Lock Right a - QS45/50	7000500	1	
34	Hose Lock Left b - QS45/50	7000605	1	
37	Hose Feed Tilt - QS45/50	7000491	2	QTY: 1 for Tilt Right/Left
38	Hose Feed Tilt Short - QS45/50	7000492	1	For Right: a-side. For Left: b-side
41	Hose Feed Grab - QS45/50	7000493	2	QTY: 1 for Tilt Right/Left
42	Hose Feed Gr. Right/Left-QS45/50	7000494	1	For Right: a-side. For Left: b-side
45	Hose Feed - QS45/50	7000012	2	QTY: 1 for Feed Right/Left
46	Hose Feed Right/Left - QS45/50	742814	1	For Right: a-side. For Left: b-side

Main Left / Rot. Left / Lock Left / tilt Left / Gr. Left:



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

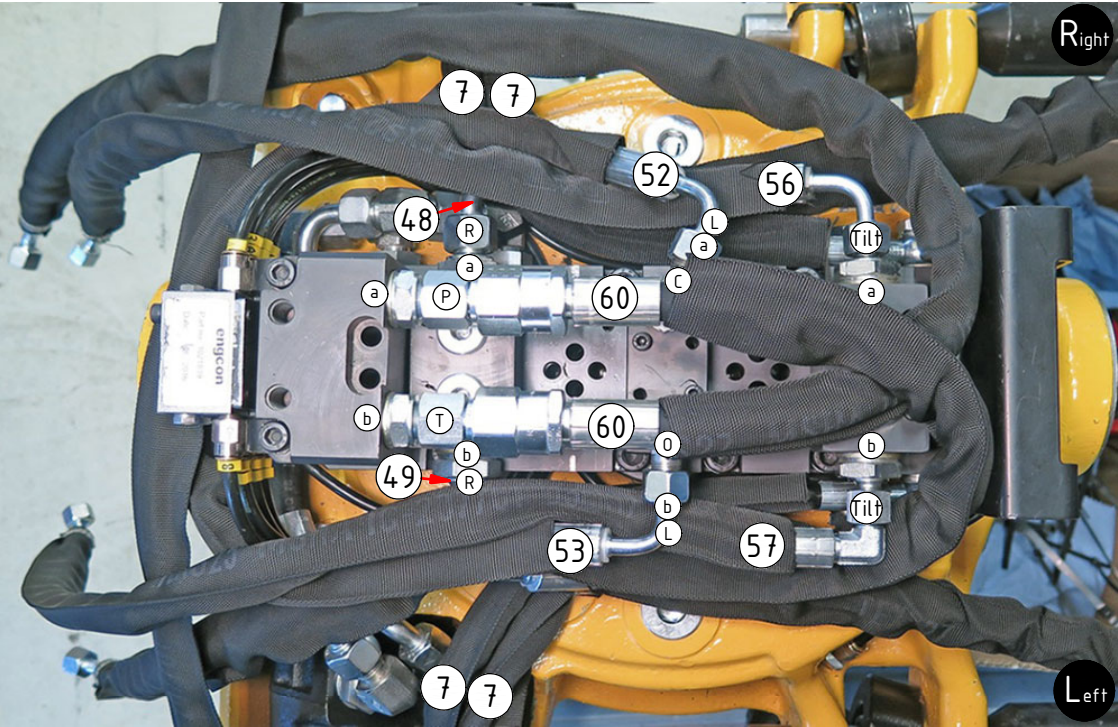
Hoses
UNI



POS	DESCRIPTION	PART	QTY	COMMENTS
7	Hose Tilt	7000791	4	
29	Hose Rot. a - UNI	7000039	1	
30	Hose Rot. b - UNI	7000040	1	
35	Hose Lock a - UNI	7000797	1	
36	Hose Lock b - UNI	7000041	1	
39	Hose Feed Tilt a - UNI	7000335	1	
40	Hose Feed Tilt b - UNI	7000798	1	
43	Hose Feed Grab a - UNI	7000797	1	
44	Hose Feed Grab b - UNI	7000041	1	
47	Hose Feed - UNI	742855	2	(Same for Feed Right/Left)

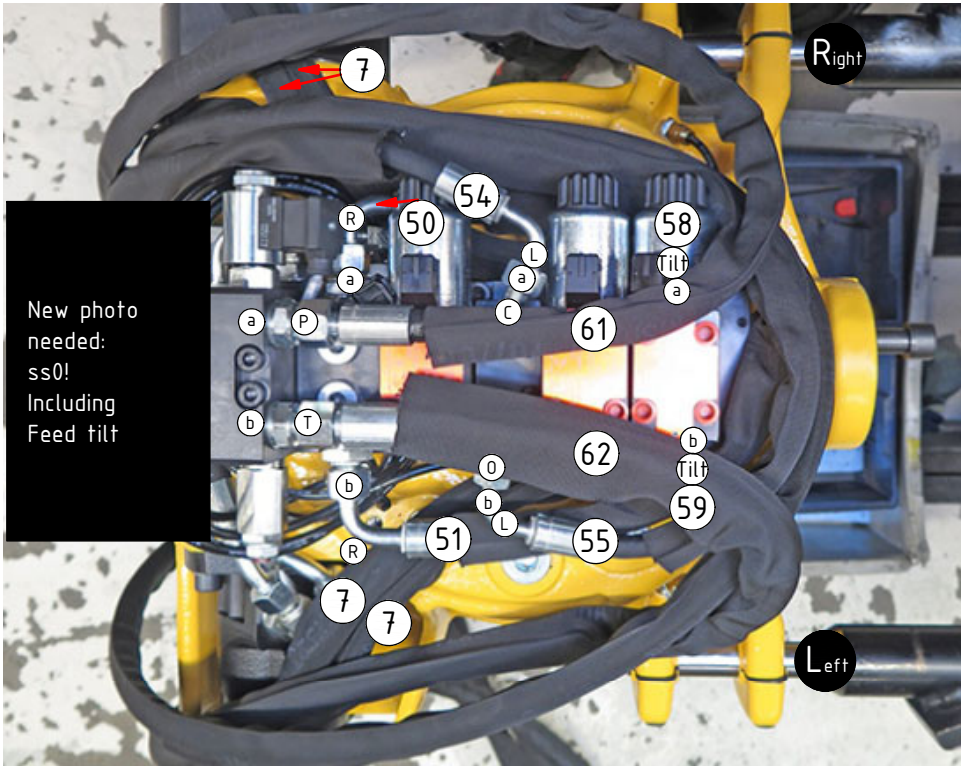
POS in order of assembly

Hoses
CW10, SW33



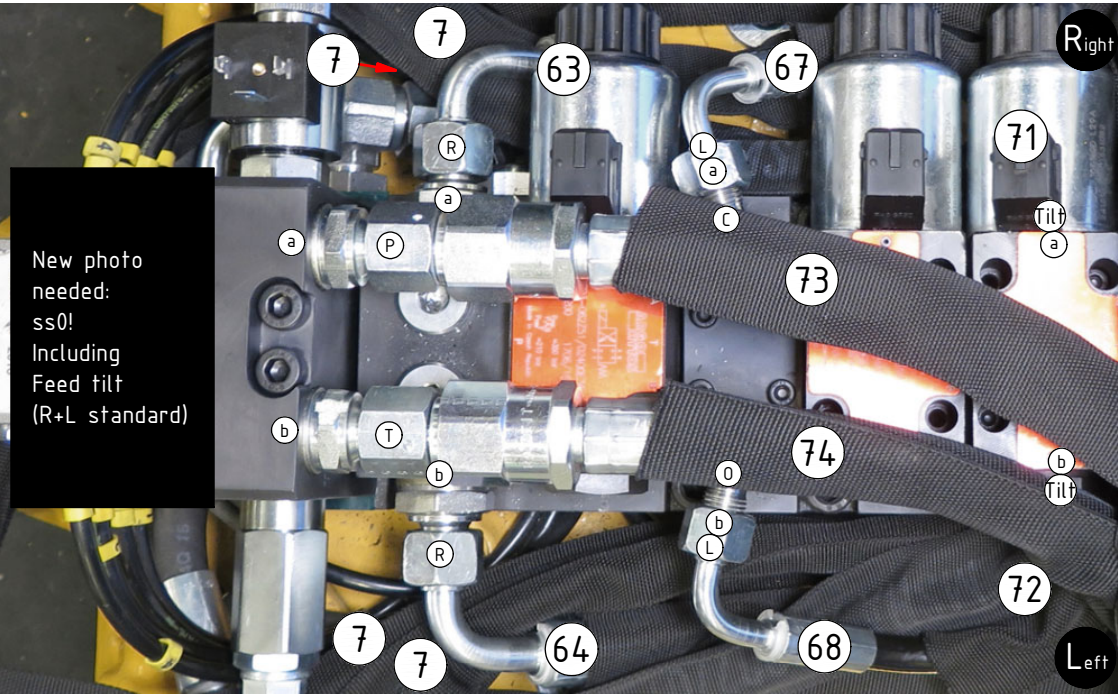
POS	DESCRIPTION	PART	QTY	COMMENTS
7	Hose Tilt	7000791	4	
48	Hose Rot. a - CW10, SW33	7000407	1	
49	Hose Rot. b - CW10, SW33	7000707	1	
50	Hose Rot. a - Menzi muck	7000758	1	
51	Hose Rot. b - Menzi muck	7000759	1	
52	Hose Lock a - CW10, SW33	7000708	1	
53	Hose Lock b - CW10, SW33	7000709	1	
54	Hose Lock a - Menzi muck	7000760	1	
55	Hose Lock b - Menzi muck	7000761	1	
56	Hose Feed Tilt a - CW10, SW33	7000710	1	
57	Hose Feed Tilt b - CW10, SW33	7000711	1	
58	Hose Feed Tilt a - Menzi muck	7001682	1	
59	Hose Feed Tilt b - Menzi muck	7001683	1	
60	Hose Feed - CW10, SW33	7000406	2	
61	Hose Feed - Menzi muck (P)	7000756	1	
62	Hose Feed - Menzi muck (T)	7000757	1	

Menzi Muck

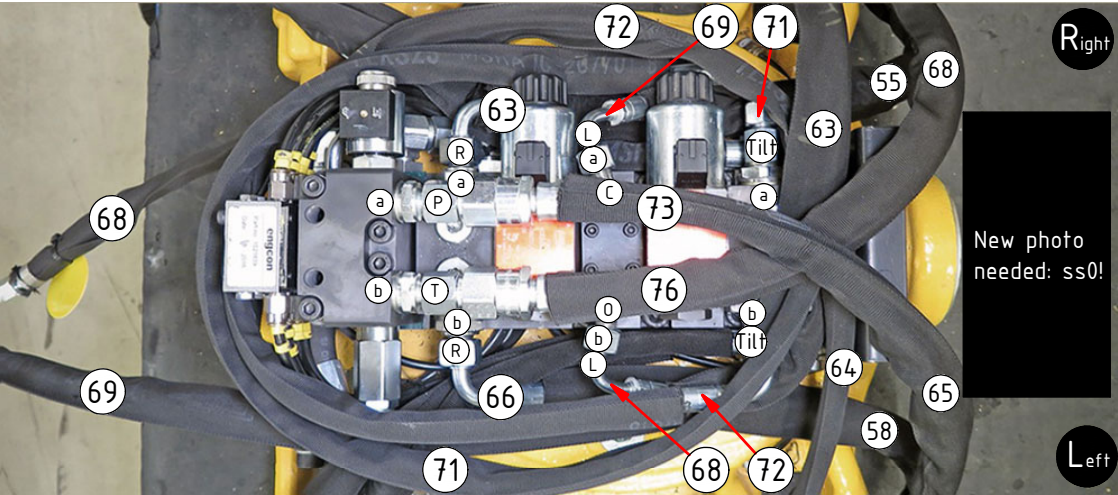


Rotation hoses crossed behind valve block, all hoses go to the left.

Hoses
HYD

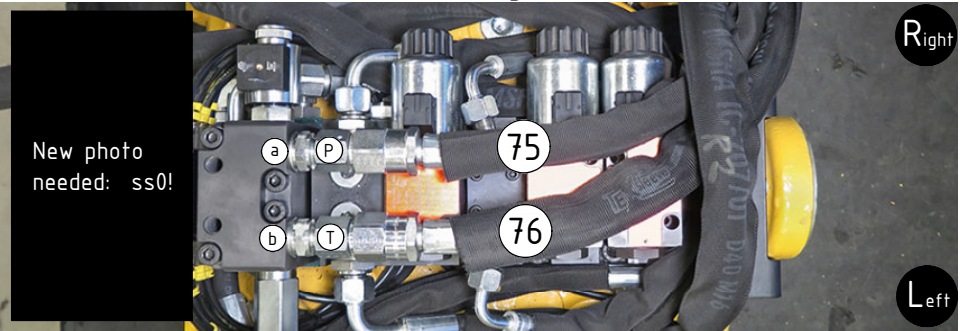


Feed Right+Left / Rot. Right+Left / Lock Right+Left:

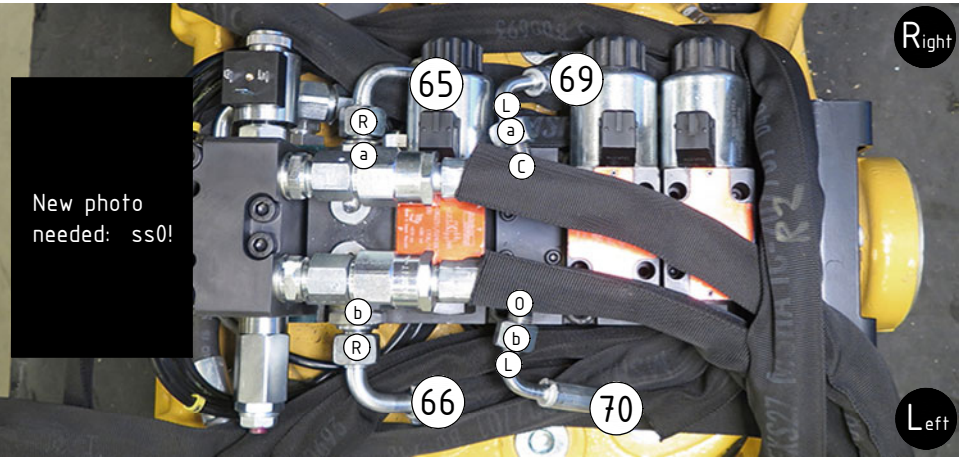


POS	DESCRIPTION	PART	QTY	COMMENTS
7	Hose Tilt	7000791	4	
63	Hose Rot. a - HYD	7000600	1	(same for Rot. Right+Left)
64	Hose Rot. b - HYD	7000601	1	
65	Hose Rot. Left a - HYD	7000488	1	Rot. Left: Replace POS.63
66	Hose Rot. Left b - HYD	7000609	1	Rot. Left & Rot. Right+Left: Replace POS.64
67	Hose Lock a - HYD	7000334	1	
68	Hose Lock b - HYD	7000008	1	(same for Lock Right+Left)
69	Hose Lock Left a - HYD	7000002	1	Lock Left & Lock Right+Left: Replace POS.67
70	Hose Lock Left b - HYD	7000652	1	Lock Left: Replace POS.68
71	Hose Feed Tilt Long - HYD	7000653	1	
72	Hose Feed Tilt Short - HYD	7000491	1	
73	Hose Feed - HYD (P)	7000012	1	(same for Feed Right+Left)
74	Hose Feed - HYD (T)	742814	1	
75	Hose Feed Right - HYD (P)	7000650	1	Feed Right: Replace POS.73
76	Hose Feed Right - HYD (T)	7000608	1	Feed Right & Feed Right+Left: Replace POS.74

Feed Right:

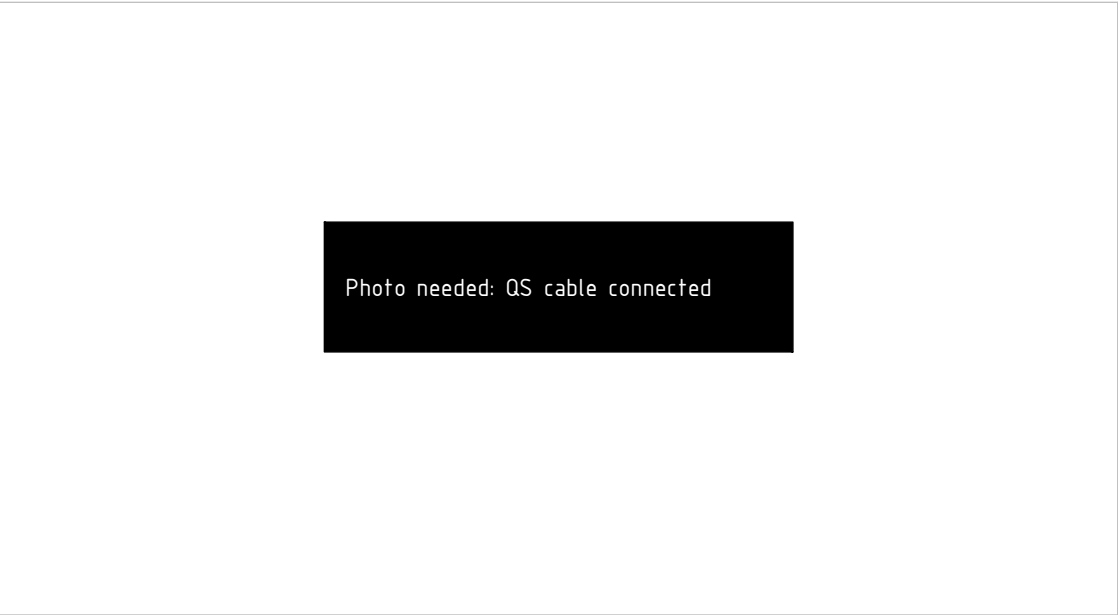


Rot. Left / Lock Left:

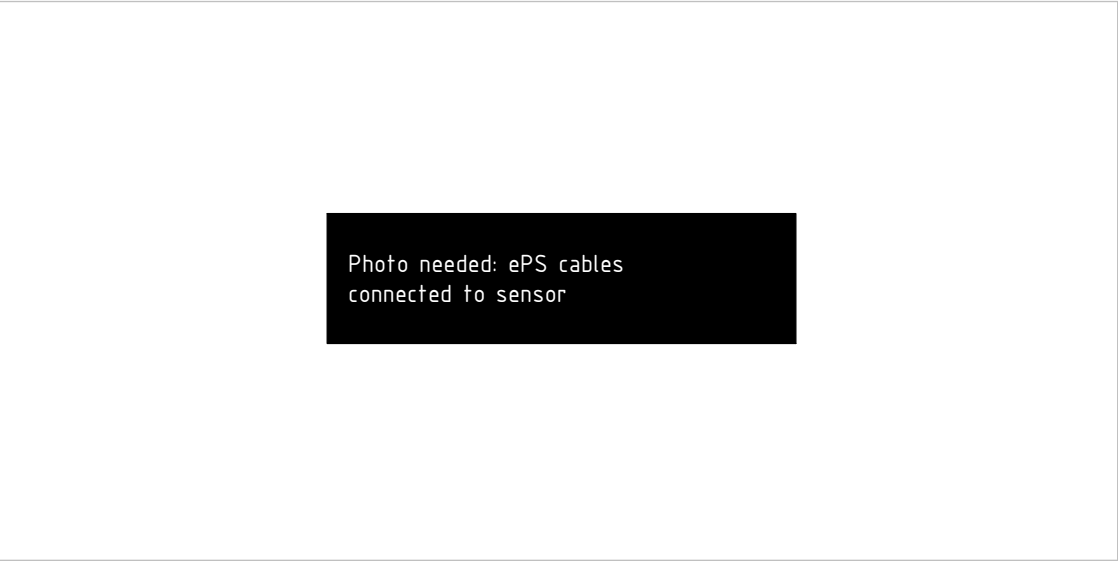


Dashed lines for overview, mounts on other pages/assemblies. indicates instruction. represents hose.

Cables



ePS



POS	DESCRIPTION	PART	QTY	COMMENTS
77	Cable QS QLM tiltrotator SVAB	842148	1	For Q-Safe
79	Only for Q-safe, connector			
85	Adapter cable ePS rotation sensor	8000784	1	Cut cable protection: 130mm
86	Aq.cable SVAB ePS w. 120 ohm ter.	8000824	1	
93	Cable tie 7,8x360	1021587	1	
94	Cable tie 4,8x360	1021586	1	

POS in order of assembly