

EC204 - ss9IQ
COVERSHEET

Planned document changes:

Briefly:

2023-11-16. Add counter nut 710250 to extended adapters on p.3 and p.5.

Document changes:

Date:	Change:	Rev. after change:
2023-04-18	Spare parts page updated.	D
2022-12-01	Torques added. Spare parts page added.	C
2022-10-25	Photos added.	B
2022-10-11	Swivel with slipring and new joint cable added. Feed Left no longer std config. New layout.	A
2022-05-09	New document.	-

Readers note:

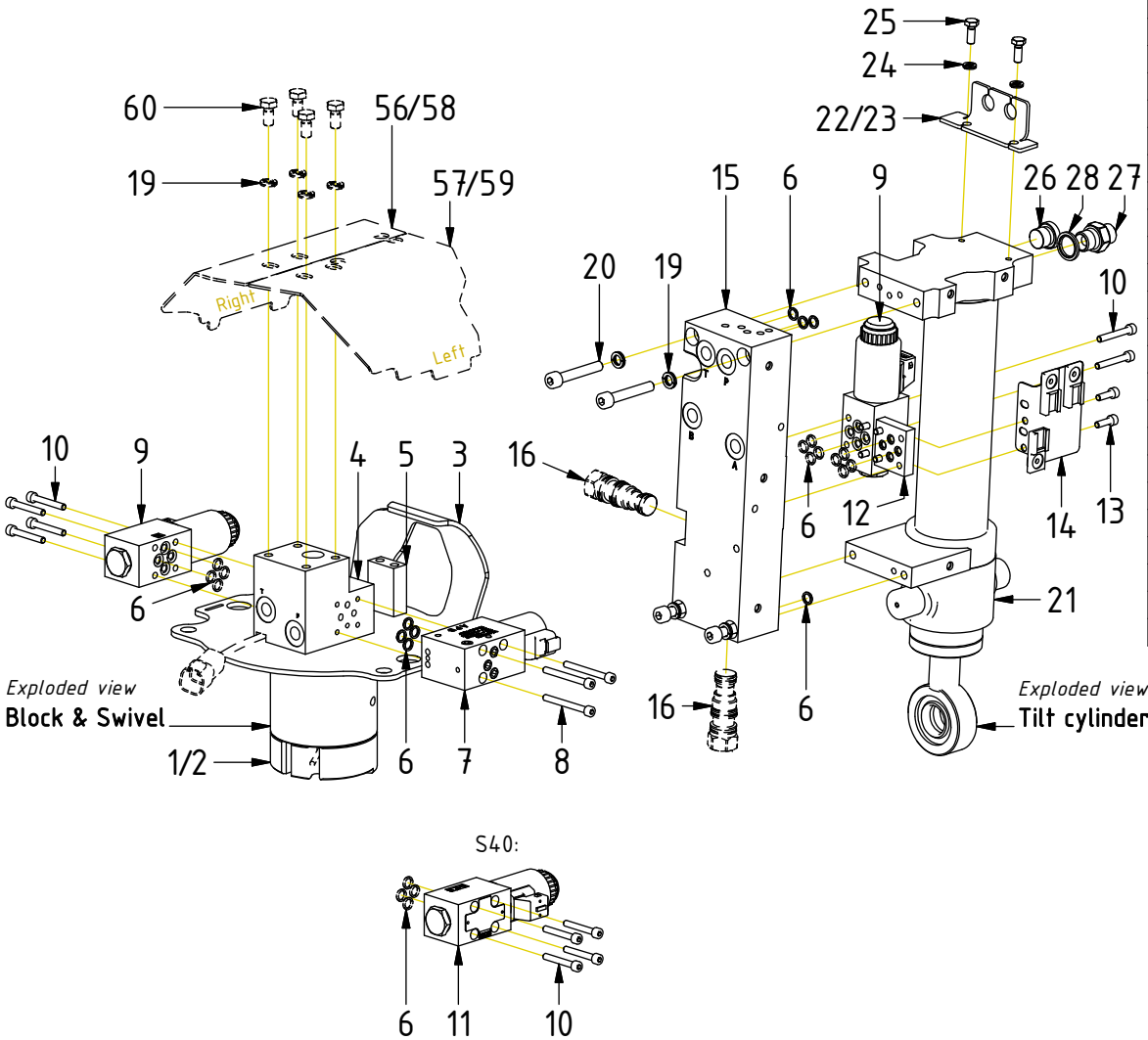


Indicates instruction.



Represents Hose.

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

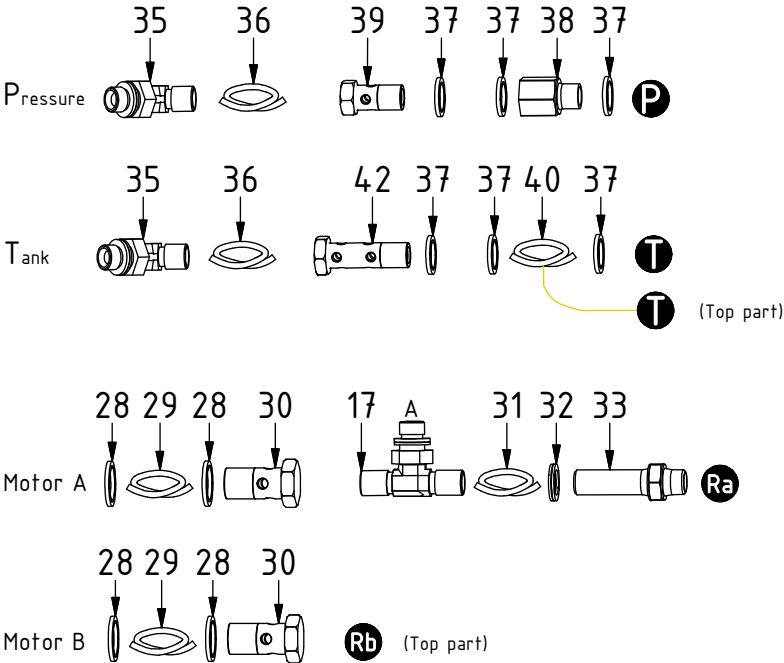


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Swivel & block w. slip ring Compl.	1062975	1	For EC204 with sensors
2	Swivel & block w/o slip ring Compl.	1028504	1	
3	Valve plate	1031620	1	
4	Valve block	1027945	1	
5	Mounting block Central lubrication	1031608	1	
6	O-ring 7,65x1,78	710960	20	
7	Directional valve NG4 IQS 12V DT	1042045	1	(POS.6 incl.)
8	Screw MC6S M5x50 12.9	610407	3	Torque: 9,7Nm
9	Directional valve closd NG4 12V DT	7000148	2	(POS.6 incl.)
10	Screw MC6S M5x35 12.9	610404	8	Torque: 9,7Nm. QTY: 12 for S40
11	Directional valve NG4 Lock 12V DT	7000102	3	
12	Coverblock NG4	730152	1	
13	Screw MC6S M5x16 12.9	610401	4	
14	Mounting plate 3x Deutsch NG4	1069580	1	
15	Valve block tilt cylinder Complete	7000635	1	(POS.16 incl.)
16	Overcenter valve CBCHXXN41-47Nm	7000647	2	
19	Washer NL 8mm	611040	8	QTY: 4 part of make up
20	Screw MC6S M8x50 12.9	610439	4	
21	Tilt cylinder EC204	1029849	1	Part of top part
22	Coverplate ss9	1033484	1	
23	Coverplate ss9 "With terminals"	1029826	1	
24	Washer NL 6mm	611039	13	
25	Screw M6S M6x16 10.9 untreated	610109	10	
26	Plug 70125-06 (3/8")	711504	1	QTY: 2 for "With terminals"
27	Adapter 136-06-06 (3/8")	710106	1	QTY: 2 for Feed Left
28	Washer GBR06 3/8	710703	6	
56	Protective cover EC204 Right QS40	1062212	1	Part of make up
57	Protective cover EC204 Left QS40	1062218	1	Part of make up
58	Protective cover EC204 Right V2	1031617	1	Part of make up
59	Protective cover EC204 Left V2	1031618	1	Part of make up
60	Screw M6S M8x16 8,8 FZB	610122	4	Part of make up

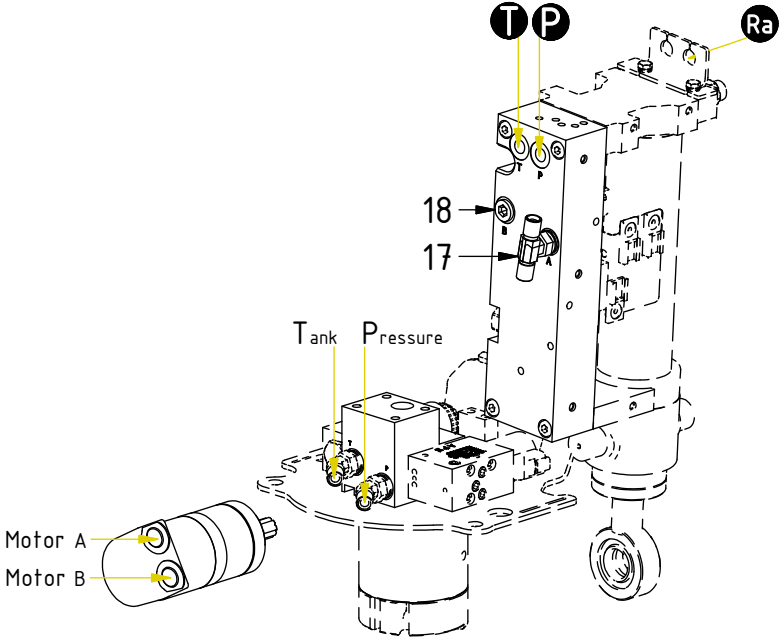
Hoses

Feed Right+Left

(Std for S40S, CW05GP)

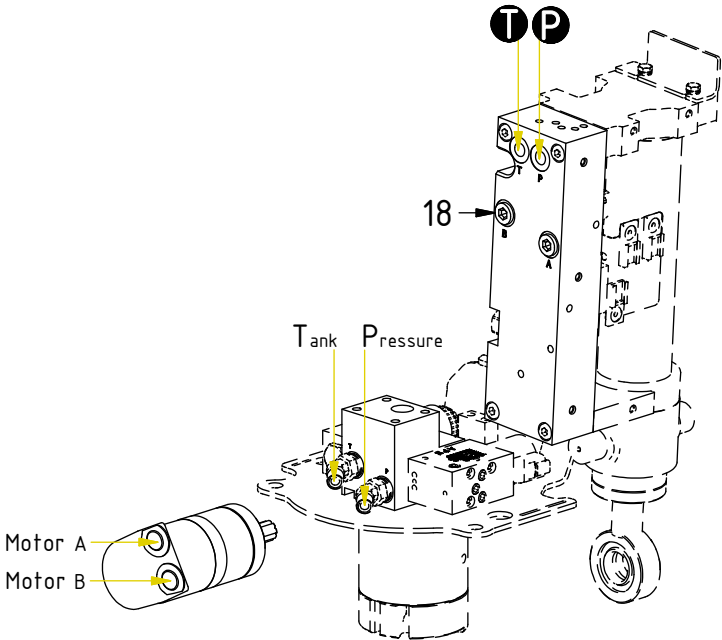
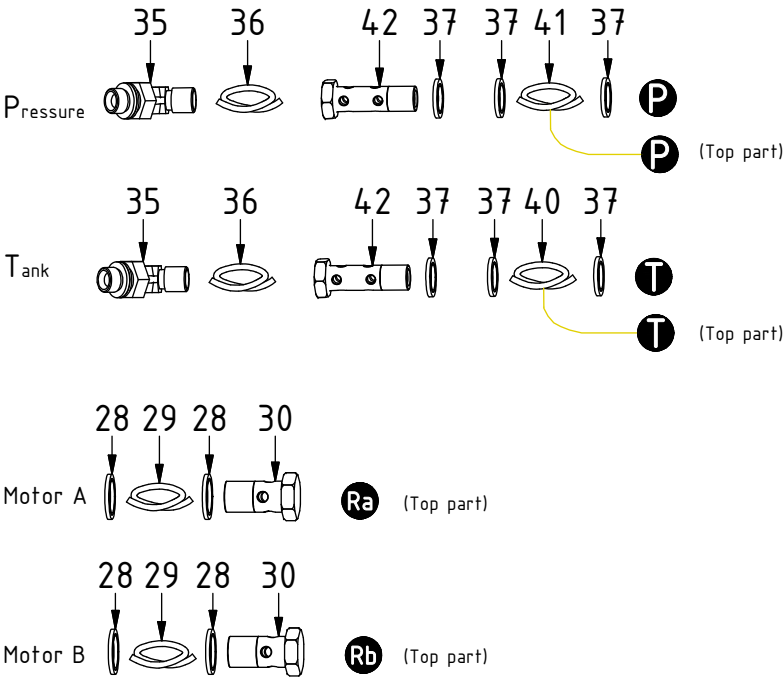


POS	DESCRIPTION	PART	QTY	COMMENTS
17	Adapter 403-04-04 (1/4")	7000106	1	QTY: 2 for Feed Left
18	Plug 153-04 (1/4")	711505	1	QTY: 2 for "With terminals"
28	Washer GBR06 3/8	710703	6	
29	Hose hydraulic motor	7000107	2	
30	Banjo bolt 4451-06 (3/8")	710272	2	
31	Hose Rotation	7000109	1	QTY: 2 for Feed Left
32	Washer NL 1/2"	611096	1	QTY: 2 for Feed Left
33	Adapter 1260-04-40 (1/4")	710261	1	
35	Adapter 45° 402-04-04(1/4")	7000104	2	
36	Hose Feed (block)	7000108	2	
37	Washer GBR04 1/4	710702	6	QTY: 5 for Feed Left
38	Adapter 236-04-04 (1/4")	1013885	1	
39	Banjo bolt 4451-04 (1/4")	710271	1	QTY: 2 for Feed Left
40	Hose Feed T	7000584	1	
42	Banjo bolt extended 4450-04 (1/4")	712214	1	QTY: 2 for "With terminals"



Hoses
Option "With terminals"

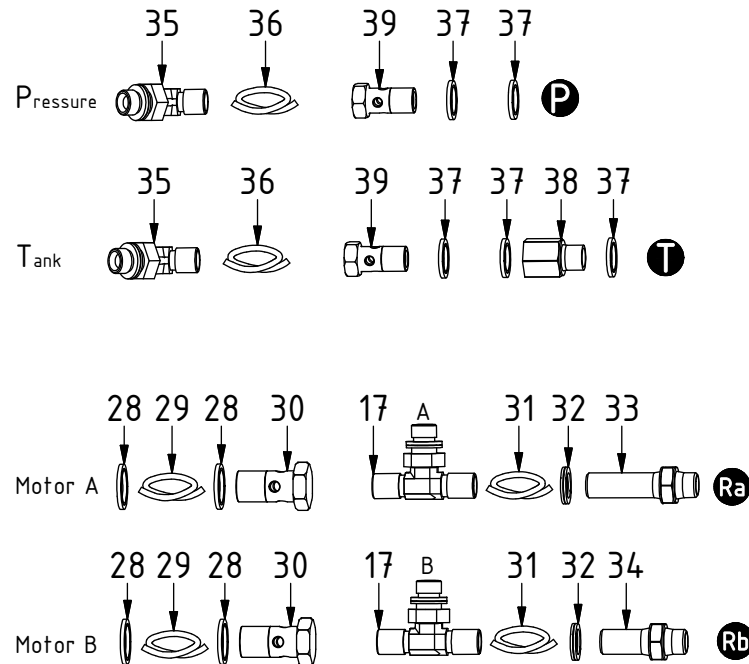
POS	DESCRIPTION	PART	QTY	COMMENTS
18	Plug 153-04 (1/4")	711505	1	QTY: 2 for "With terminals"
28	Washer GBR06 3/8	710703	6	
29	Hose hydraulic motor	7000107	2	
30	Banjo bolt 4451-06 (3/8")	710272	2	
35	Adapter 45° 402-04-04(1/4")	7000104	2	
36	Hose Feed (block)	7000108	2	
37	Washer GBR04 1/4	710702	6	QTY: 5 for Feed Left
40	Hose Feed T	7000584	1	
41	Hose Feed P	7001172	1	For "With terminals"
42	Banjo bolt extended 4450-04 (1/4")	712214	1	QTY: 2 for "With terminals"



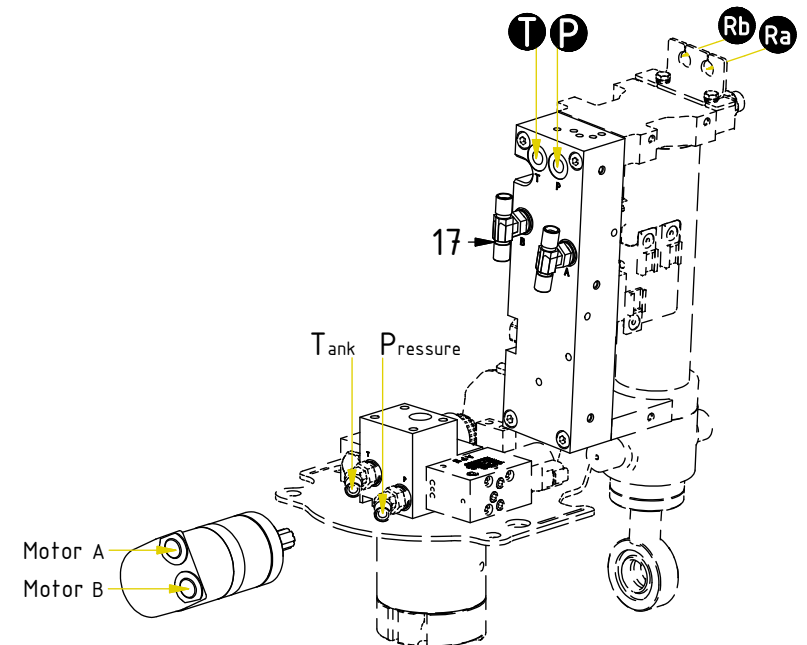
Hoses

Feed Left

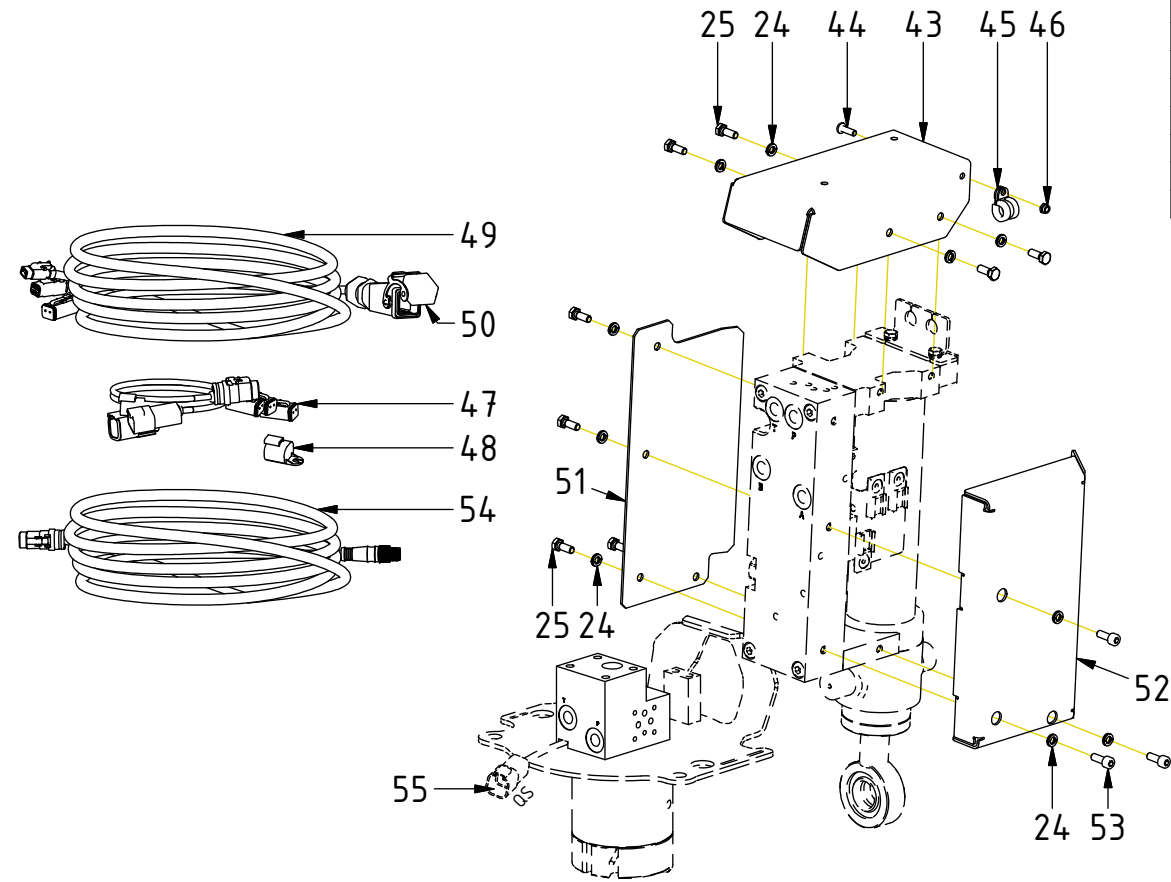
(Std for S40, HS, CW05EC)



POS	DESCRIPTION	PART	QTY	COMMENTS
17	Adapter 403-04-04 (1/4")	7000106	1	QTY: 2 for Feed Left
28	Washer GBR06 3/8	710703	6	
29	Hose hydraulic motor	7000107	2	
30	Banjo bolt 4451-06 (3/8")	710272	2	
31	Hose Rotation	7000109	1	QTY: 2 for Feed Left
32	Washer NL 1/2"	611096	1	QTY: 2 for Feed Left
33	Adapter 1260-04-40 (1/4")	710261	1	
34	Adapter 1260-04-04 (1/4")	710240	1	
35	Adapter 45° 402-04-04(1/4")	7000104	2	
36	Hose Feed (block)	7000108	2	
37	Washer GBR04 1/4	710702	6	QTY: 5 for Feed Left
38	Adapter 236-04-04 (1/4")	1013885	1	
39	Banjo bolt 4451-04 (1/4")	710271	1	QTY: 2 for Feed Left



Cables



POS	DESCRIPTION	PART	QTY	COMMENTS
24	Washer NL 6mm	611039	13	
25	Screw M6S M6x16 10.9 untreated	610109	10	
43	Cover tilt cylinder Top	1029902	1	
44	Screw K6S M5x16 10.9 FZB	611818	1	
45	Rubber steel clamp ø10	6000003	1	
46	Lock Nut M6M M5x0,8 8,8 FZB	610920	1	
47	Joint cable EC204 QS	8001373	1	
48	Deutsch dust protection	8000086	1	Plug DT "4"
49	Aggregate cable ss9-2 Complete	1036466	1	
50	ILME cover 12P contact with jumper	810208	1	(Incl. with agg.cable)
51	Cover tilt cylinder Right	1029781	1	
52	Cover tilt cylinder Left	1068975	1	
53	Screw MC6S M6x16 12.9 ZFSHL	6000017	3	
54	Cable QS QLM tiltrotator ss9-2	842148	1	For QS
55	Only for QS, connector			

POS in order of assembly

Hoses
Feed Right+Left



POS	DESCRIPTION	PART	QTY	COMMENTS
29	Hose hydraulic motor	7000107	2	
31	Hose Rotation	7000109	1	QTY: 2 for Feed Left
36	Hose Feed (block)	7000108	2	
40	Hose Feed T	7000584	1	
41	Hose Feed P	7001172	1	For "With terminals"
● Use cable ties				

Option "With terminals"

Photo needed: Plugs in block for Rot.
POS.40 and 41 visible beneath POS.36

POS in order of assembly

Hoses
Feed Left

POS	DESCRIPTION	PART	QTY	COMMENTS
29	Hose hydraulic motor	7000107	2	
31	Hose Rotation	7000109	1	QTY: 2 for Feed Left
36	Hose Feed (block)	7000108	2	

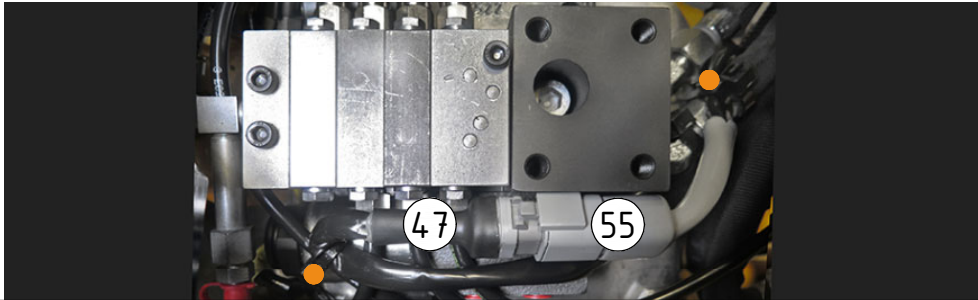
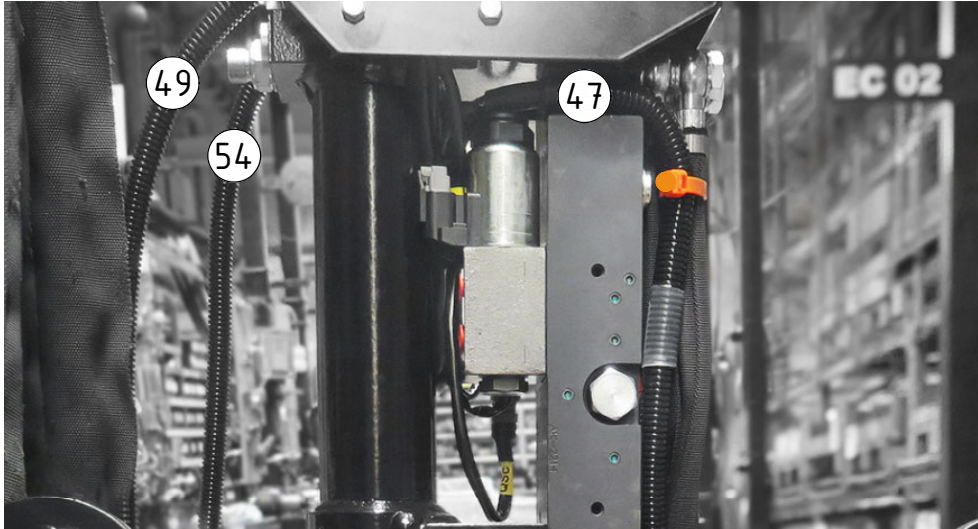
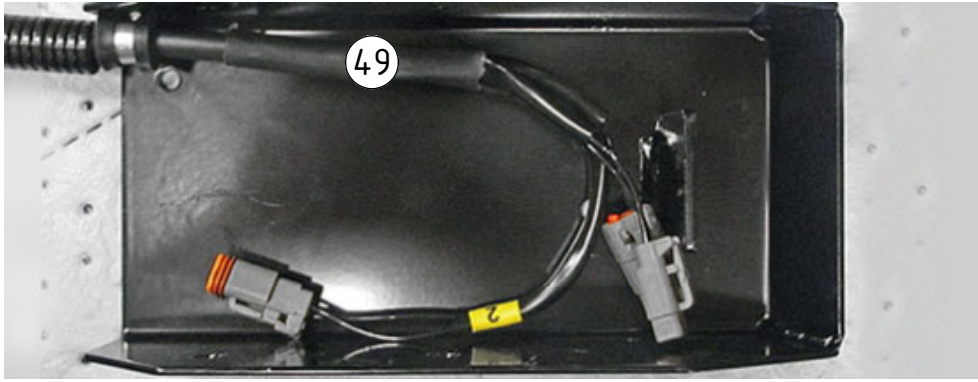
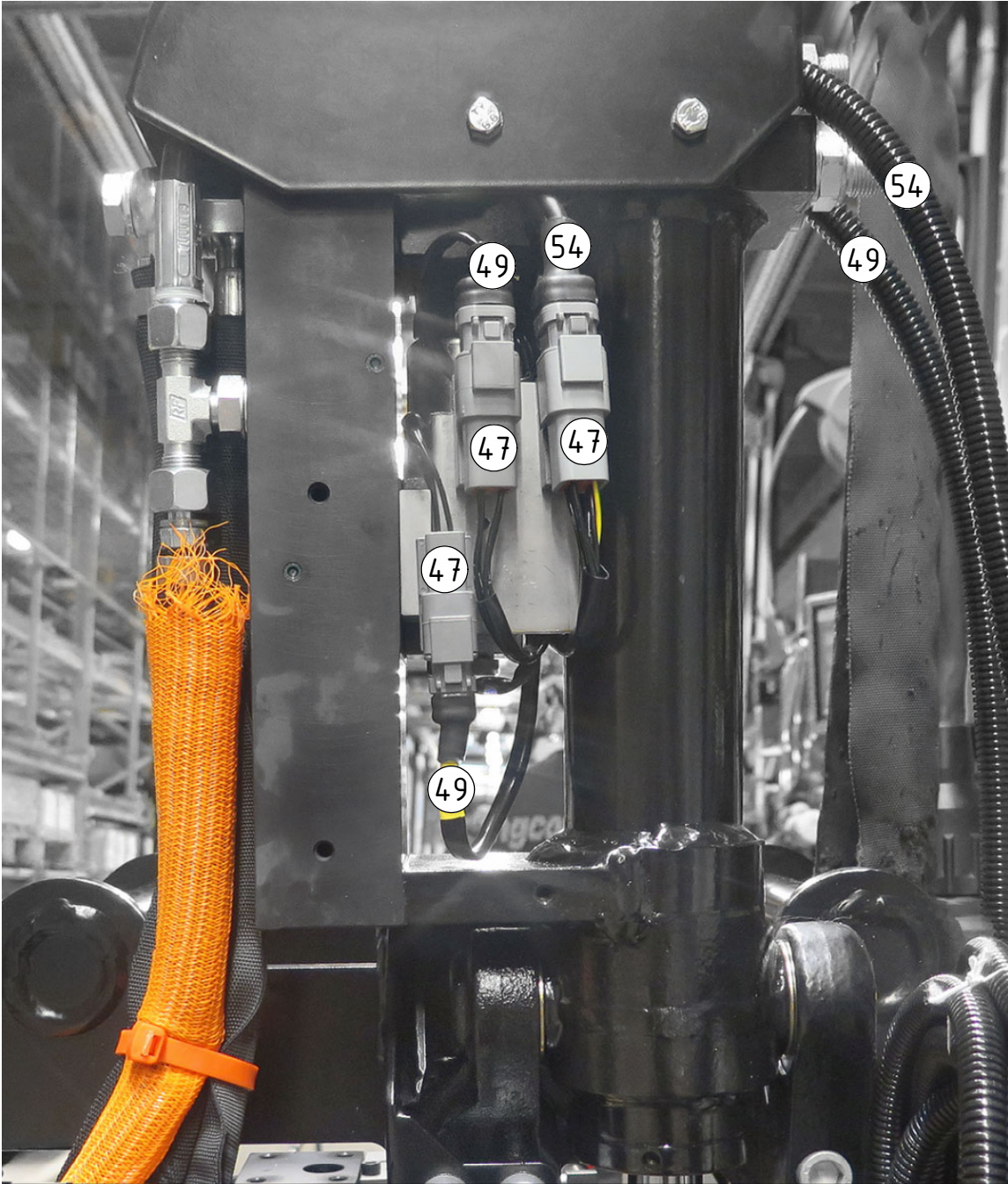


POS in order of assembly

Cables

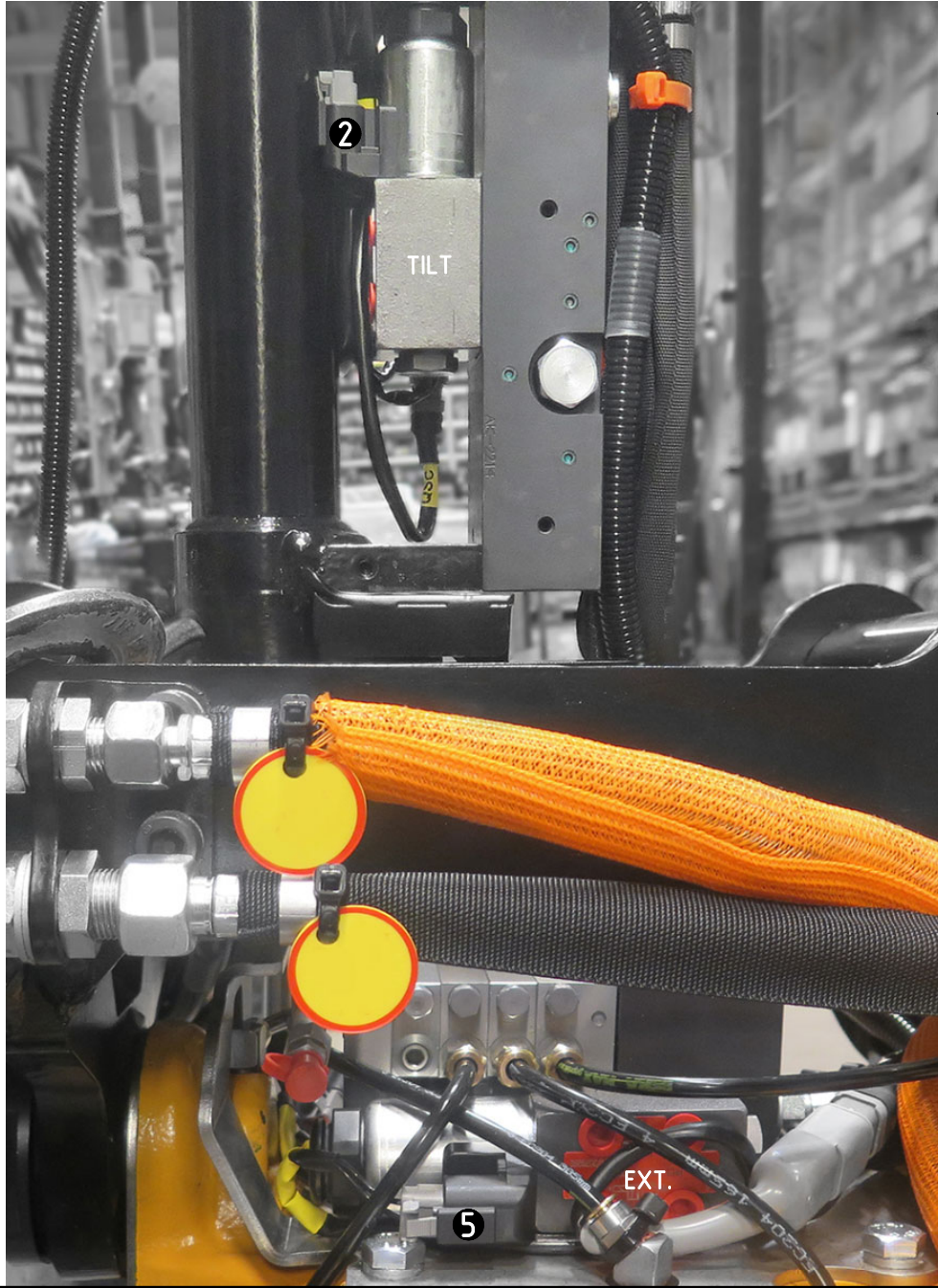
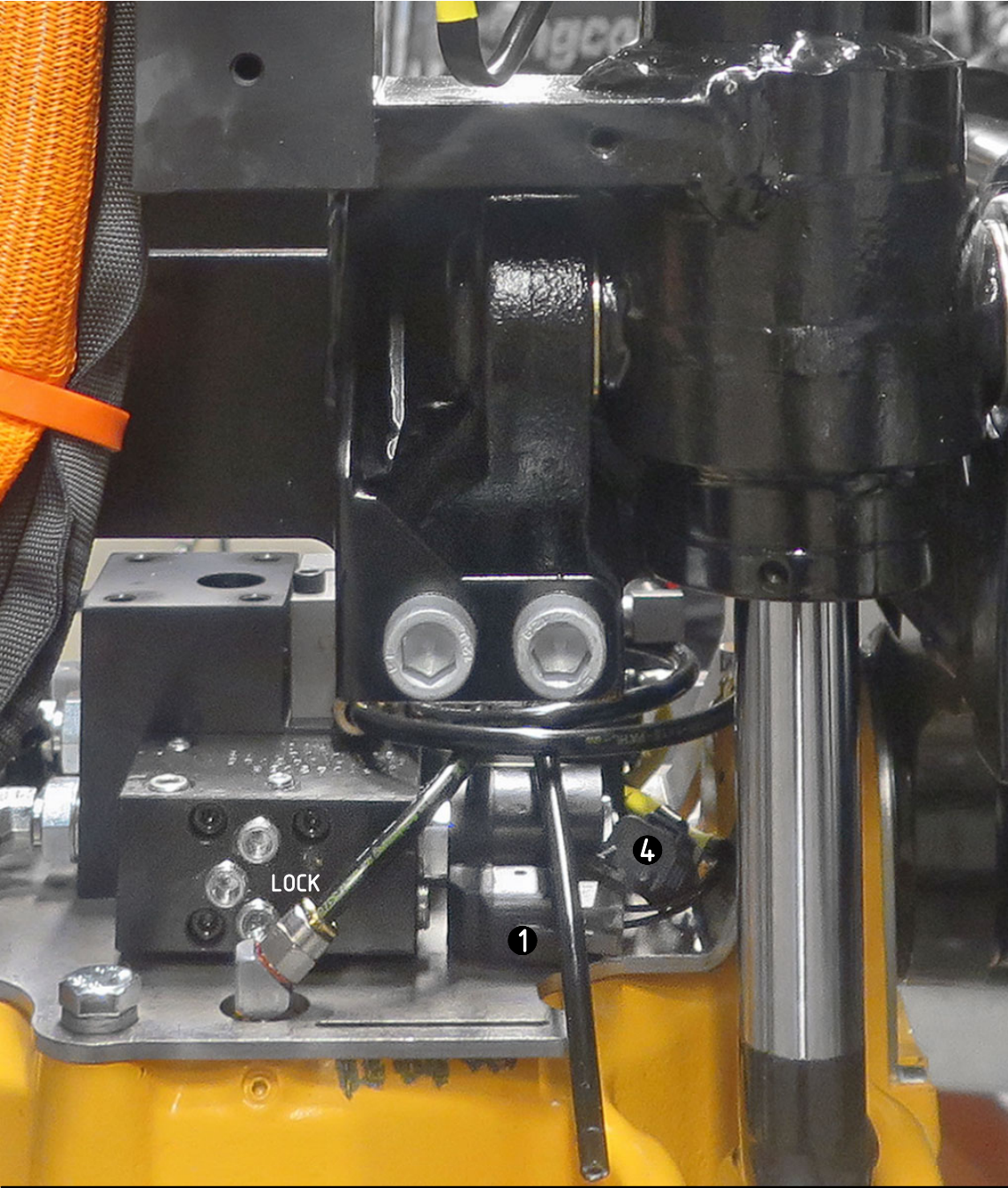
POS	DESCRIPTION	PART	QTY	COMMENTS
47	Joint cable EC204 QS	8001373	1	
49	Aggregate cable ss9-2 Complete	1036466	1	
54	Cable QS QLM tiltrotator ss9-2	842148	1	For QS
55	Only for QS, connector			
● Use cable ties				

POS in order of assembly



Valves

POS	DESCRIPTION	PART	QTY	COMMENTS
48	Deutsch dust protection	8000086	1	Plug DT "4"



POS in order of assembly

SPARE PARTS

POS	DESCRIPTION	PART	QTY	COMMENTS
15	Valve block tilt cylinder Complete	7000635	1	(POS.16 incl.)
16	Overcenter valve CBCHXXN41-47Nm	7000647	2	
61	Overcenter valve RJV	790142	2	Used until 2018-05
63	Directional valve XP crossparallel NG4 without Coil	730321	1	Nut (POS.66) and o-ring with choke-valve incl.
64	Plug Dysa D0 for NG4 / VRP2-04	790191	1	O-ring incl.
65	Coil NG4 12V JT	730313	2	
66	Nut directional valve NG4	1006785	1	

