EC209B - ss10 (DC2/SVAB)

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COVERSHEET

Planned document changes:

Breifly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-08-25	Clarification for Hydrema added.	G
2025-06-03	ss10 (SVAB) added.	F
2024-08-13	Drain ECO part no corrected.	E
2024-03-15	Hose for option Drain ECO added.	D
2023-08-10	Spare parts updated.	C
2023-03-23	O-rings corrected. New ECO adapter cable added.	B
2022-11-24	Spare parts added.	A
2022-08-30	New document.	-

Readers note:

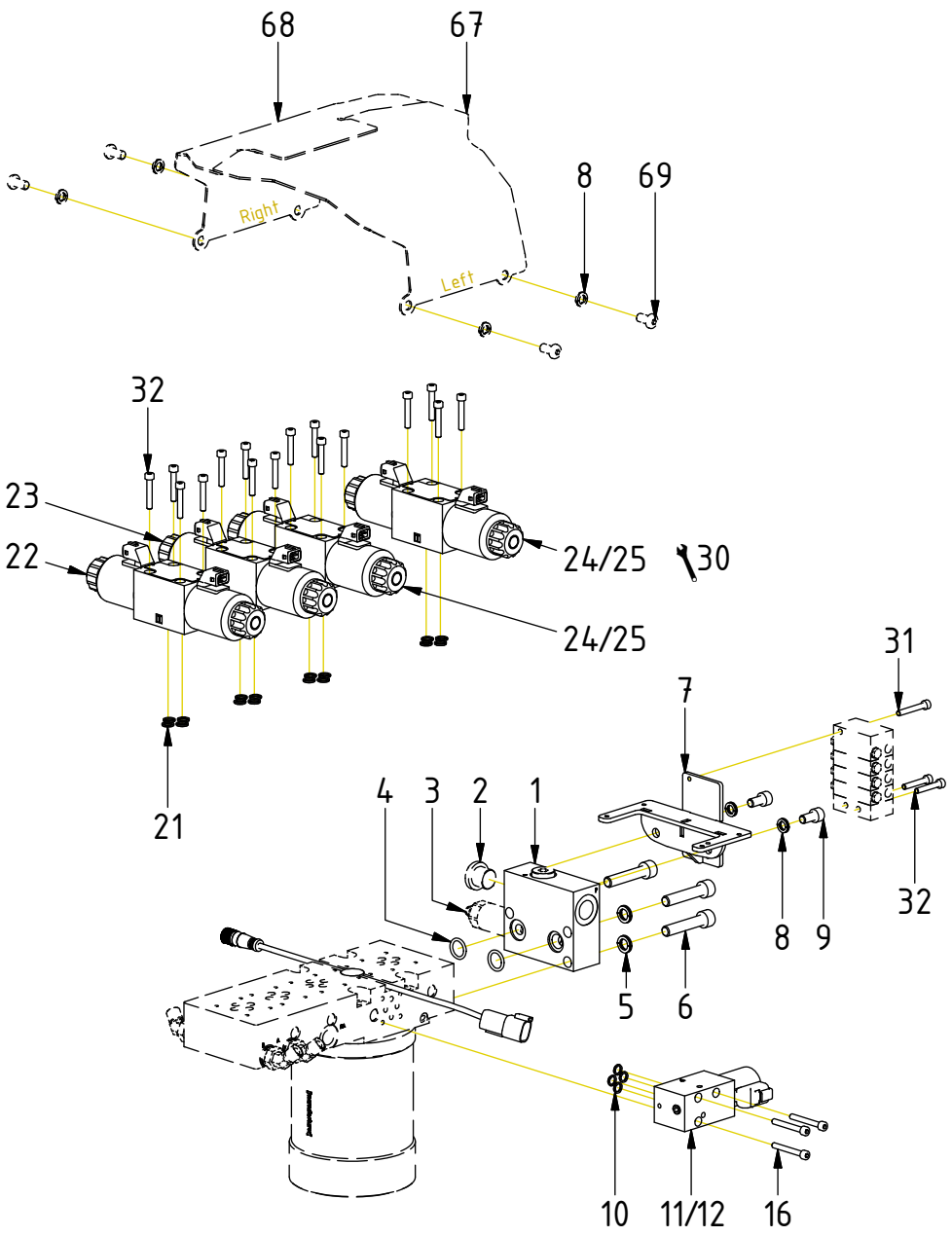
Indicates instruction.

Represents Hose.

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

EC209B - ss10 (DC2/SVAB)

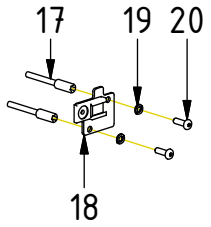
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POS	DESCRIPTION	PART	QTY	COMMENTS
1	Connection block P reducer Compl.	1055945	1	(POS.2-3 incl.)
2	Plug VSTIR12ED	711500	1	Opposite side for EC-Oil
3	Pressure reduction valve SP4A-B3	730288	1	
4	O-ring 15,54x2,62	712423	2	
5	Washer NL 10mm	611041	3	
6	MC6S M10x50 12.9 ZFSHL	611515	3	Torque: 79Nm
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	610432	2	
10	O-ring 7,65x1,78	710960	4	
11	Directional valve NG4 IQS 12V DT	1042047	1	(POS.10, 13, 15 incl.)
12	Directional valve NG4 IQS 24V DT	1042190	1	(POS.10, 14, 15 incl.)
13	Coil IQS 12V DT	1042065	1	
14	Coil IQS 24V DT	1042066	1	
15	Nut 1270-04	710250	1	
16	Screw MC6S M5x40 12.9	610405	3	Torque: 9,7Nm. QTY: 1 when EC-Oil
17	Valve spacer M5x39	1047243	2	Torque: 9,7Nm
18	Mounting plate-1x Deutsch NG4	1058235	1	
19	Washer NL 5mm	611038	2	
20	Screw K6S M5x16 10.9 FZB	611818	2	Torque: 8,1Nm
21	O-ring 8,75x1,78	710959	16	
22	Directional valve prop 12V open T	7001615	1	(POS.21, 26, 29 incl.)
23	Directional valve prop 12V	7001614	1	(POS.21, 26, 29 incl.)
24	Directional valve NG6 12V	7001617	2	(POS.21, 27, 29 incl.)
25	Directional valve NG6 24V	7001616	2	(POS.21, 28, 29 incl.)
26	Coil NG6 12V prop JT ATOS	7001734	4	
27	Coil NG6 12V JT ATOS	7001735	4	
28	Coil NG6 24V JT ATOS	7001736	4	
29	Nut directional valve ATOS	7001887	8	
30	For option PROP on grab/extra			Use POS.23 instead of POS.24/25
31	Screw MC6S M5x35 12.9	610404	1	
32	Screw MC6S M5x30 12.9	610403	18	Torque: 9,7Nm
67	Protective cover EC209 QSM Left	1056632	1	Part of make up
68	Protective cover EC209 QSM Right	1056633	1	Part of make up
69	Screw K6S M8x16 10.9 FZB	611810	4	Part of make up

POS in order of assembly

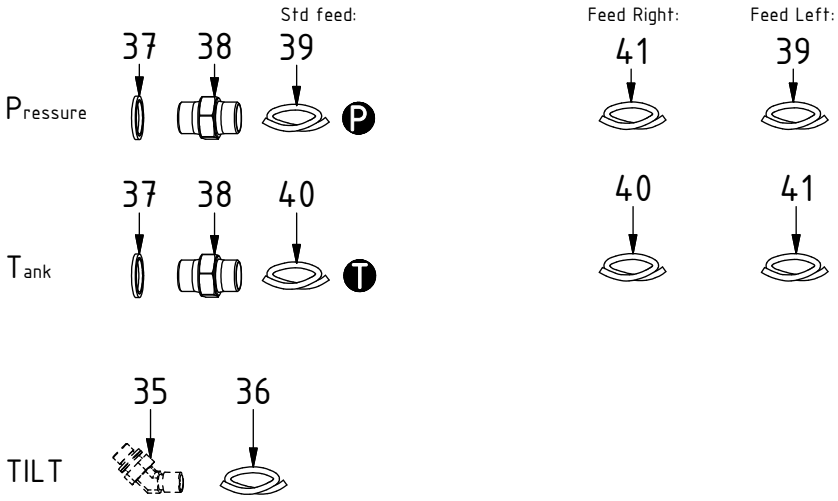
EC-Oil:



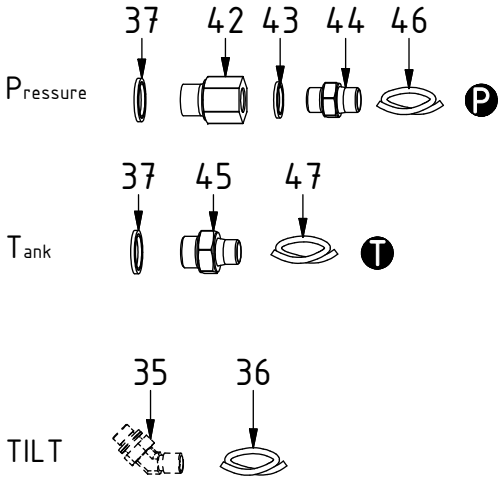
EC209B - ss10 (DC2/SVAB)

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Hoses

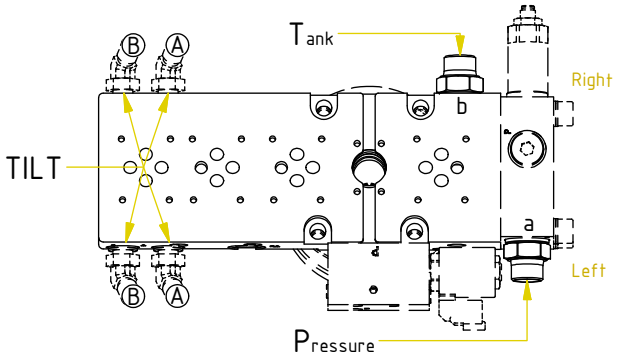


EC-Oil:

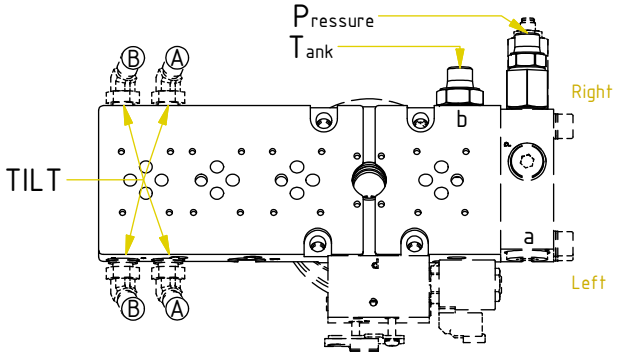


POS	DESCRIPTION	PART	QTY	COMMENTS
33	For option Drain			See p.10 for instruction
34	For Hydrema			Follow Feed Left
35	Adapter 45° 402-04-04(1/4'')	7000104	4	Part of quick hitch assy.
36	Hose Tilt	7001308	4	
37	Washer GBR08 1/2	710704	3	
38	Adapter 136-08-08 (1/2'')	710108	2	
39	Hose Feed P	7001265	1	
40	Hose Feed T	7001266	1	
41	Hose Feed Right/Left	7001586	1	Feed Right: Use this for "P" Feed Left: Use this for "T"
42	Adapter 235-08-06	7000705	1	
43	Washer GBR06 3/8	710703	1	
44	Adapter 136-06-06 (3/8'')	710106	1	
45	Adapter 135-06-08	710122	1	
46	Hose Feed EC-Oil P	7001267	1	
47	Hose Feed EC-Oil T	7001268	1	

POS in order of assembly



EC-Oil:



Photos on page 6.

EC209B - ss10 (DC2/SVAB)

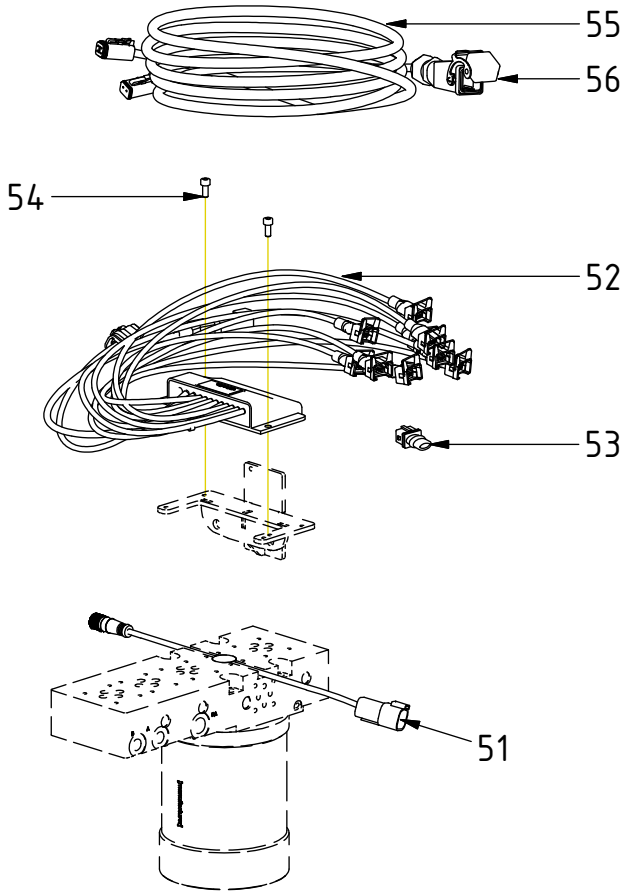
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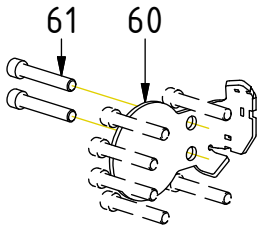
Cables

DC2

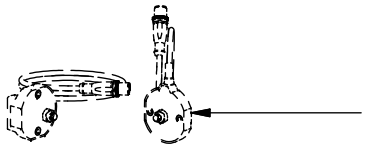
POS	DESCRIPTION	PART	QTY	COMMENTS
51	Q-Safe connector			
52	Tiltrotator module DC2 Q-Safe	842137	1	
53	Jumper JT QSC connected	1018662	1	Plug JT connector "1"
54	Screw MC6S M5x12 12.9	6000077	2	
55	Aggregate cable DC2 Compl. QSC DT	8001201	1	
56	ILME cover21.21	810208	1	(Incl. with agg.cable)
57	Adapter cable ECOW DC2 DTM	1048529	1	For EC-Oil. Instead of agg.cable
58	Adapter cable ECOW DC2 DTM 2xM12	8001847	1	For EC-Oil & ePS2 Sensors Instead of agg.cable
60	Protection plate End lock EC209B	1063372	1	
61	Screw MC6S M12x70 12.9 Geomet	611517	8	Torque: 136Nm

POS in order of assembly



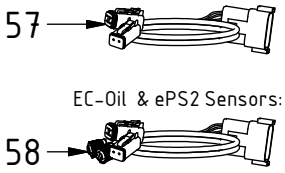


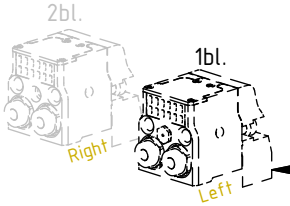
EC209BS:



Exploded view
ePS2 Sensors

EC-Oil:





Exploded view
EC-Oil components

Photos on page 7.

EC209B - ss10 (DC2/SVAB)

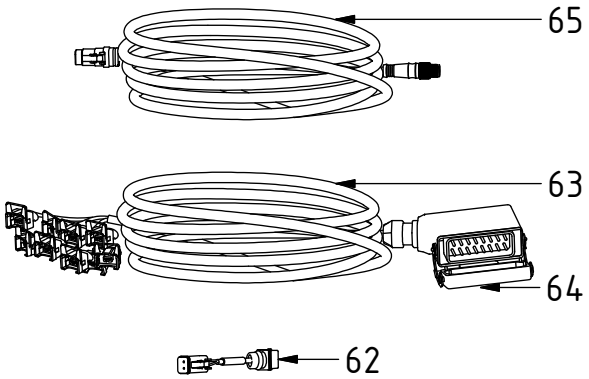
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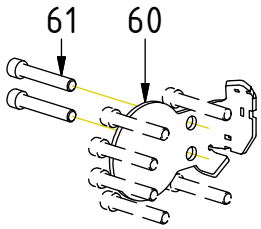
Cables

ss10 (SVAB)

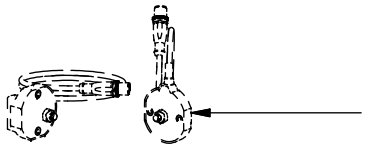
POS	DESCRIPTION	PART	QTY	COMMENTS
51	Q-Safe connector			
60	Protection plate End lock EC209B	1063372	1	
61	Screw MC6S M12x70 12.9 Geomet	611517	8	Torque: 136Nm
62	Adapter cable JT>DT	1017478	1	(Previously also for DC2)
63	Aggregate cable SVAB Complete	303465	1	
64	ILME cover 16P contact with jumper	810235	1	(Incl. with agg.cable)
65	Cable QS QLM tiltrotator SVAB	842148	1	
66	Adapter cable EC045 (DTM) SVAB	1029599	2	For EC045. Instead of POS.62-65

POS in order of assembly

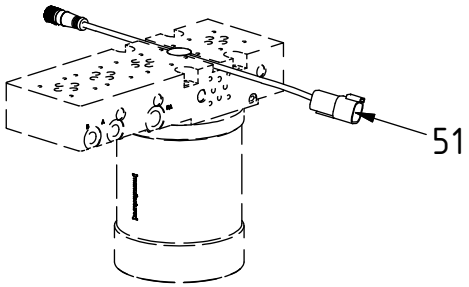




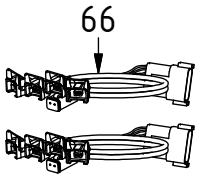
EC209BS:

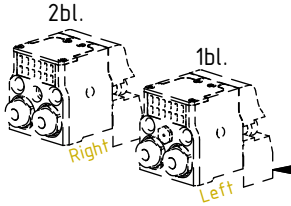


Exploded view
ePS2 Sensors



EC-Oil:





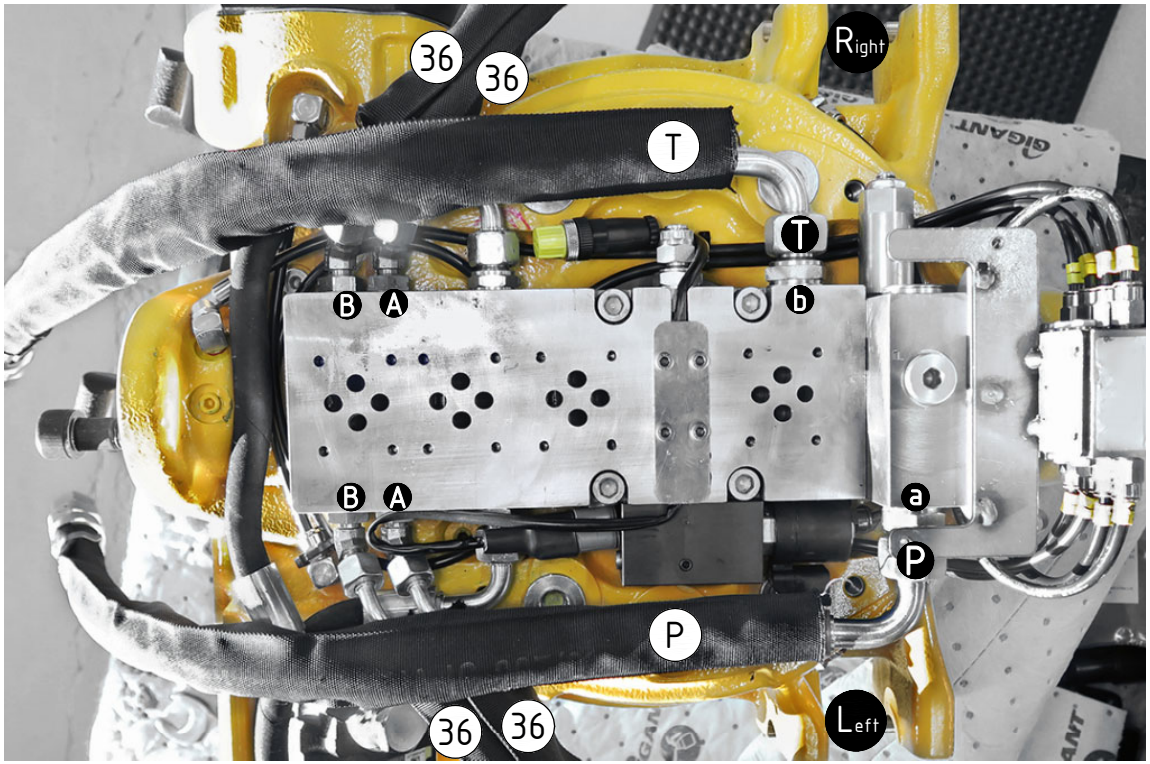
Exploded view
EC-Oil components

Photos on page 8.

EC209B - ss10 (DC2/SVAB)

Hoses

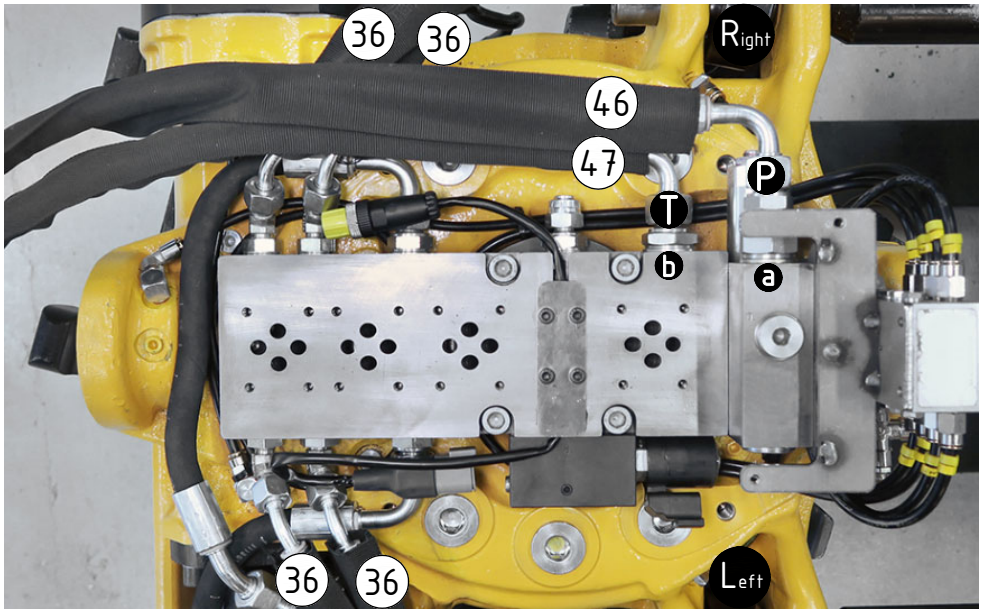
Std Feed



POS	DESCRIPTION	PART	QTY	COMMENTS
33	For option Drain			See p.10 for instruction
34	For Hydrema			Follow Feed Left
36	Hose Tilt	7001308	4	
39	Hose Feed P	7001265	1	
40	Hose Feed T	7001266	1	
41	Hose Feed Right/Left	7001586	1	Feed Right: Use this for "P" Feed Left: Use this for "T"
46	Hose Feed EC-Oil P	7001267	1	
47	Hose Feed EC-Oil T	7001268	1	

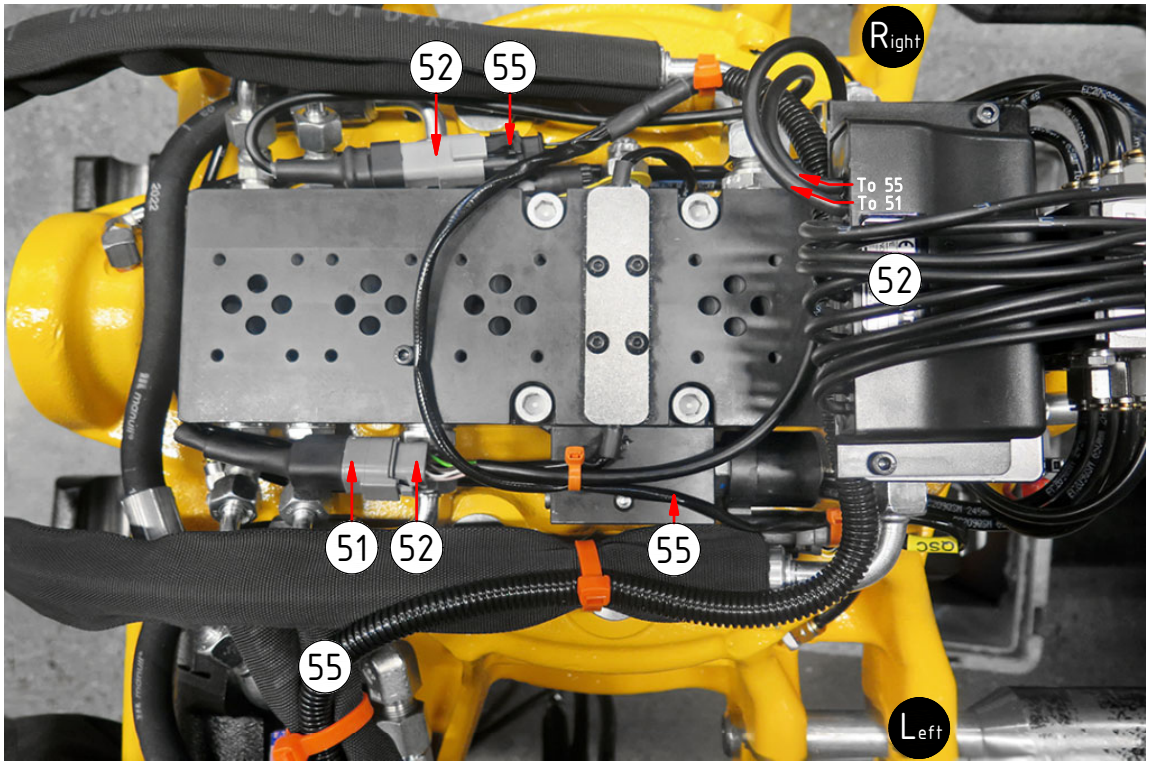
POS in order of assembly

EC-Oil:



Cables

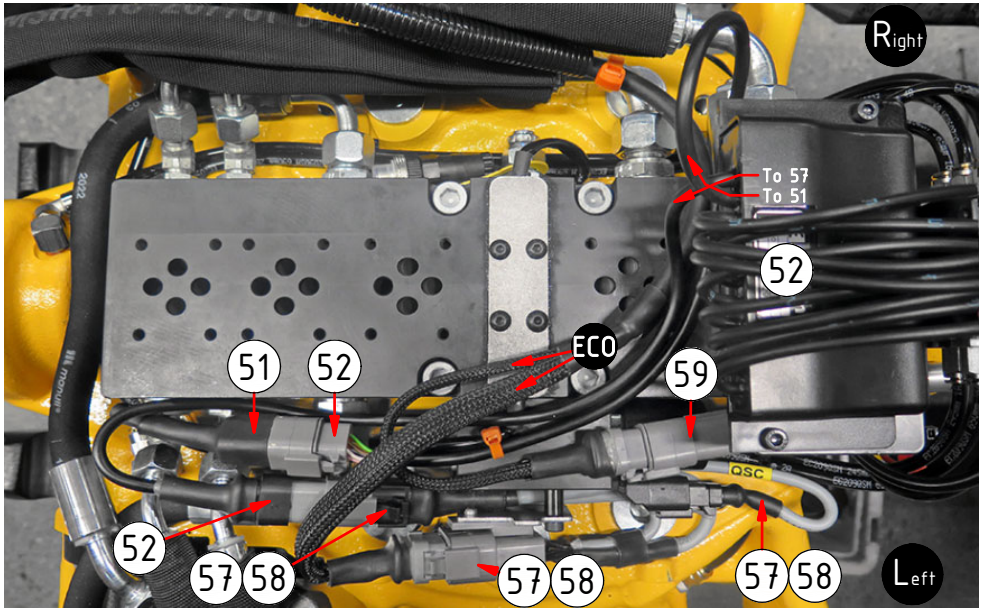
DC2

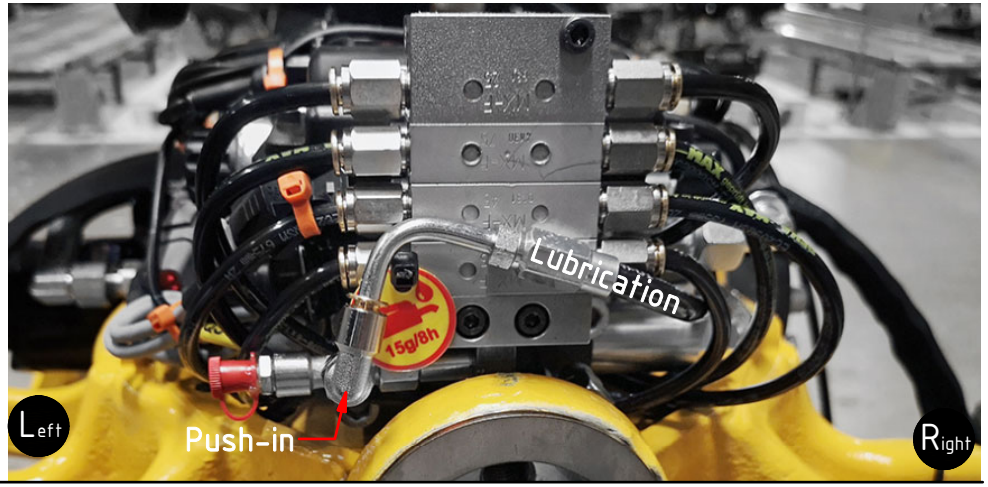


POS	DESCRIPTION	PART	QTY	COMMENTS
51	Q-Safe connector			
52	Tiltrotator module DC2 Q-Safe	842137	1	
53	Jumper JT QSC connected	1018662	1	Plug JT connector "1"
55	Aggregate cable DC2 Compl. QSC DT	8001201	1	
57	Adapter cable ECOW DC2 DTM	1048529	1	For EC-Oil. Instead of agg.cable
58	Adapter cable ECOW DC2 DTM 2xM12	8001847	1	For EC-Oil & ePS2 Sensors Instead of agg.cable
59	Protection plug DTM	8000090	1	
●	Use cable ties			

POS in order of assembly

EC-Oil:



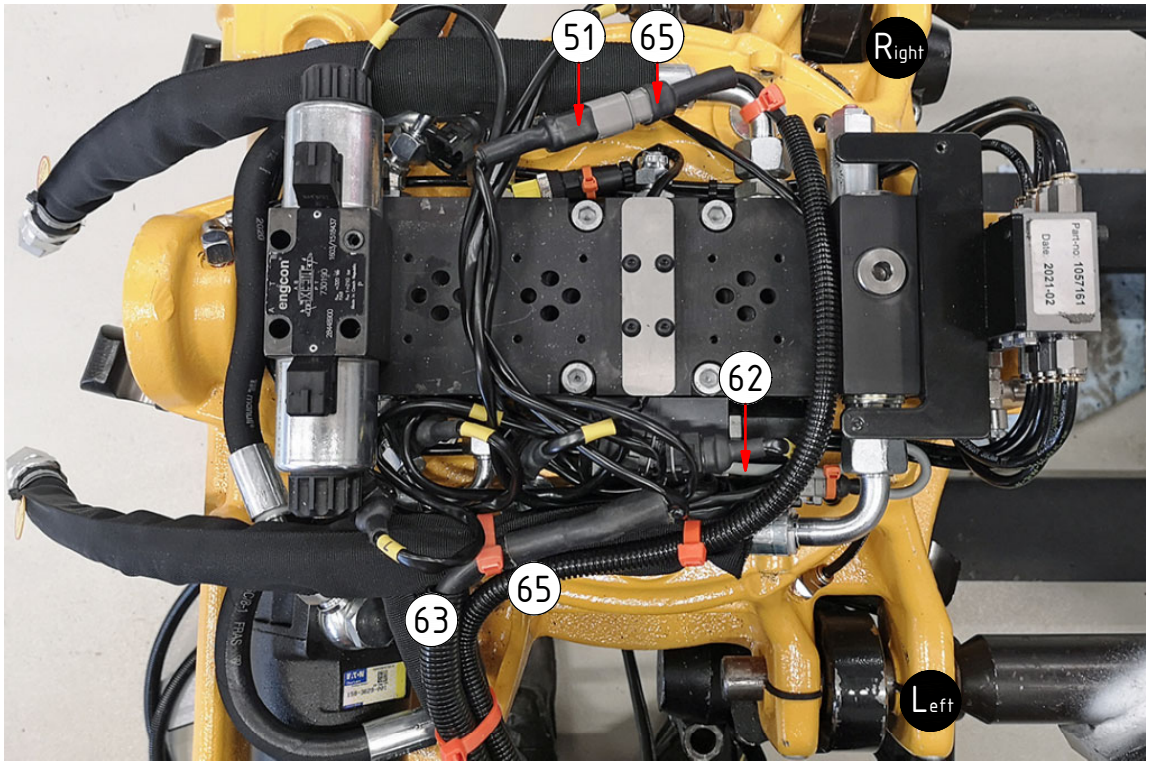


EC209B - ss10 (DC2/SVAB)

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Cables

ss10 (SVAB)

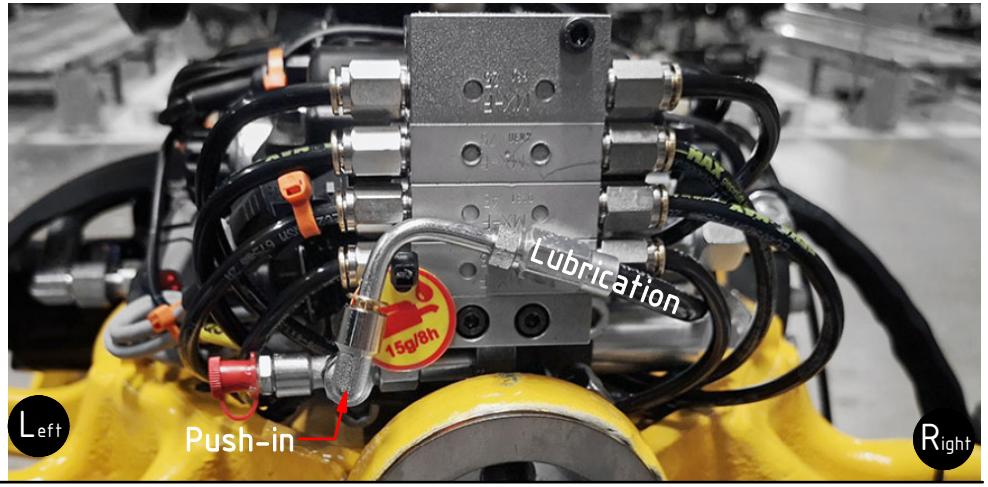


POS	DESCRIPTION	PART	QTY	COMMENTS
51	Q-Safe connector			
62	Adapter cable JT>DT	1017478	1	(Previously also for DC2)
63	Aggregate cable SVAB Complete	303465	1	
65	Cable QS QLM tiltrotator SVAB	842148	1	
66	Adapter cable EC045 (DTM) SVAB	1029599	2	For EC045. Instead of POS.62-65
●	Use cable ties			

POS in order of assembly

EC045:

Photo needed:
EC045 Adapter cables,
EC0-cables from top, QS connector.



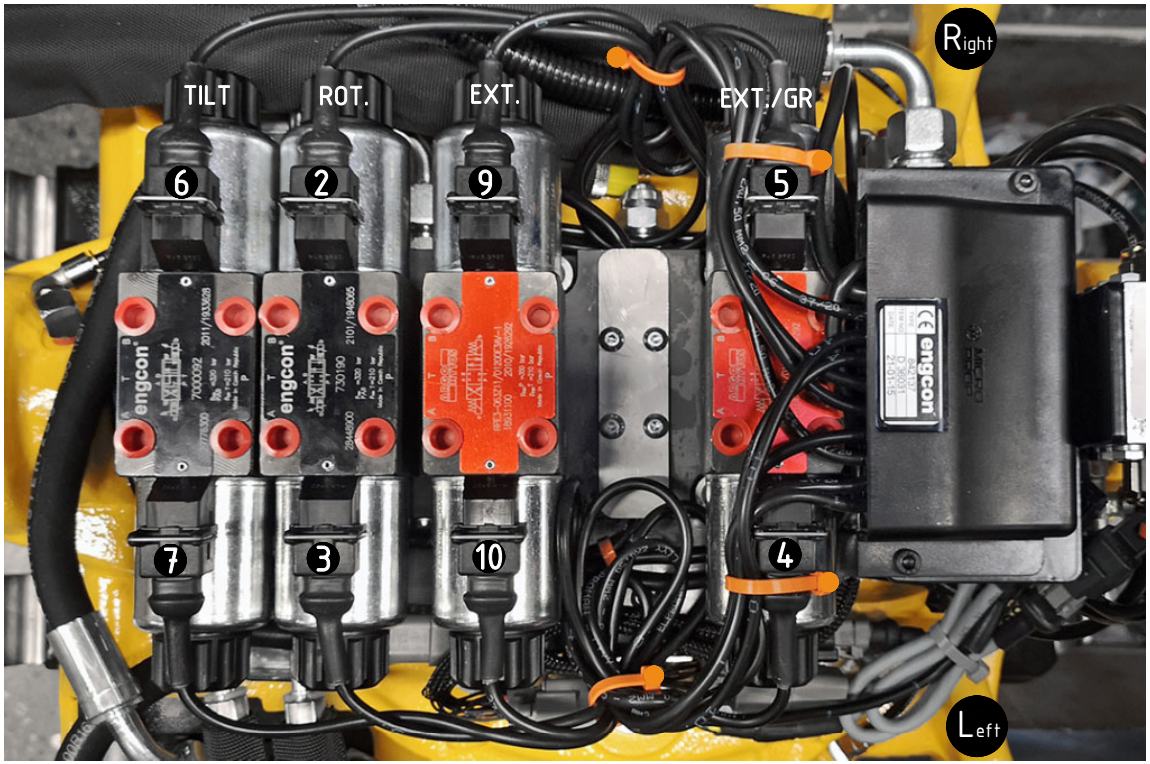
EC209B - ss10 (DC2/SVAB)

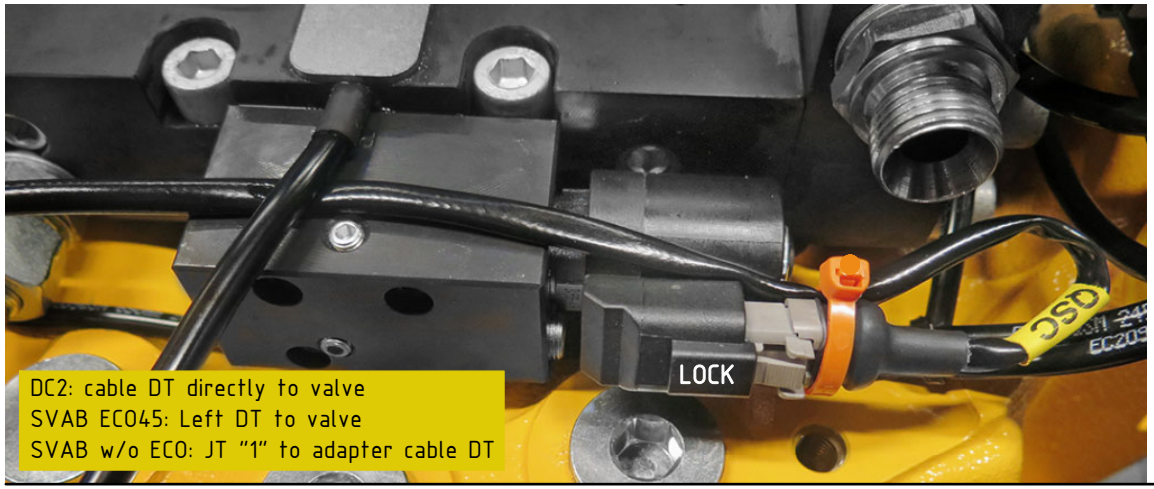
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Valves

POS	DESCRIPTION	PART	QTY	COMMENTS
●	Use cable ties			

POS in order of assembly





ss10 (SVAB) EC045

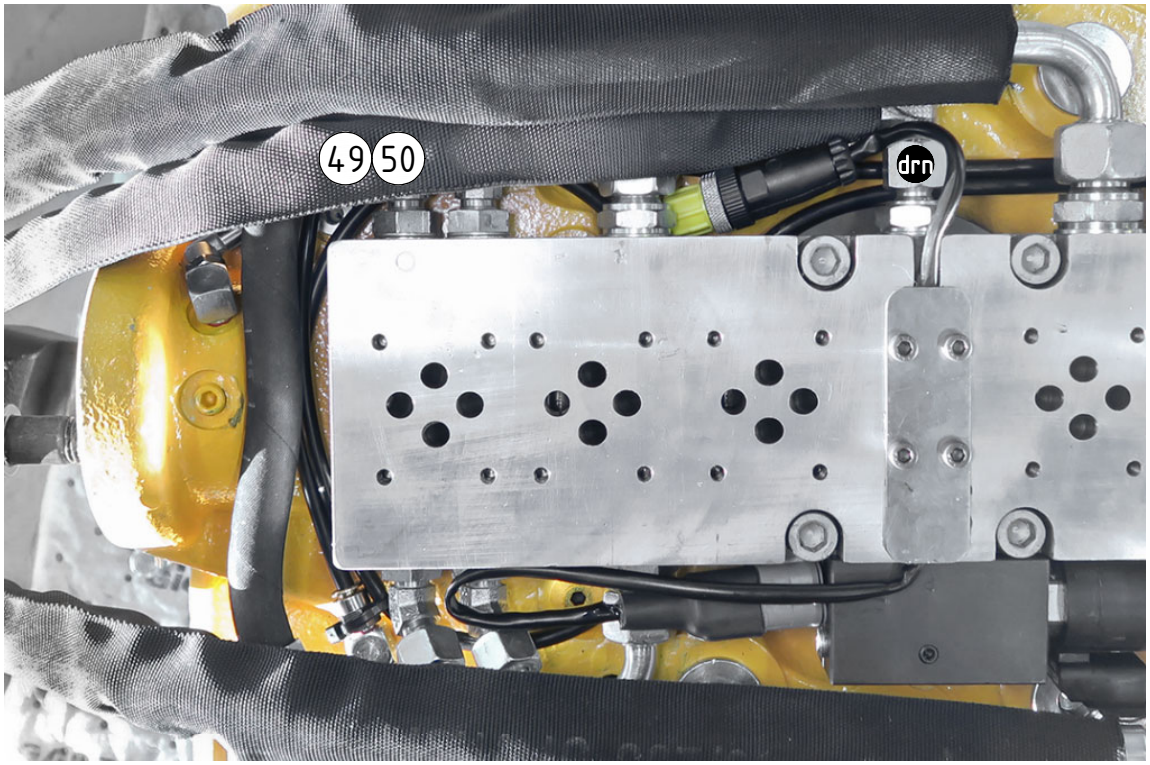
Photo needed:
EC045 Adapter cables
connected to valves

(Right DT not connected)

special/options

POS	DESCRIPTION	PART	QTY	COMMENTS
48	Remove Protective cap			Part of Quick hitch
49	Hose Drain	7001276	1	Without EC-Oil
50	Hose Drain ECO	7001275	1	With EC-Oil

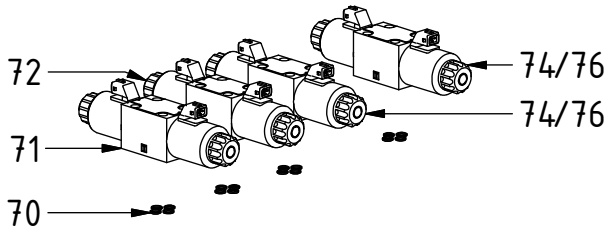
POS in order of assembly



EC209B - ss10 (DC2/SVAB)

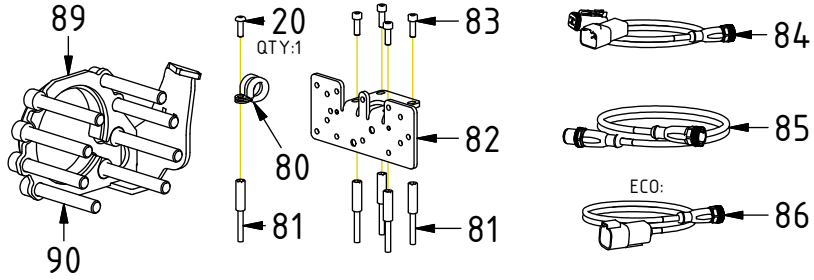
RELATED SPARE PARTS

Used until 2022-06

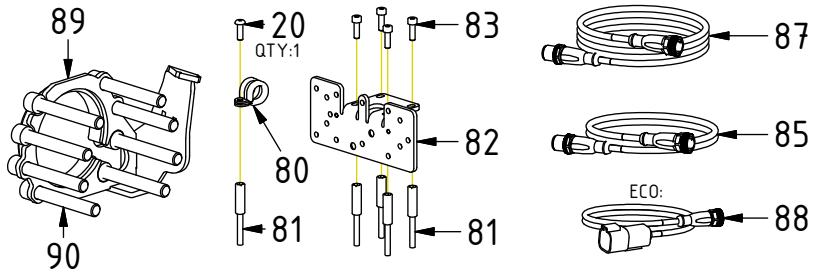


o-rings, coils, & nuts are not compatible between valve brands

EC209PS DC2:



EC209PS ss10 (SVAB):



POS	DESCRIPTION	PART	QTY	COMMENTS
20	Screw K6S M5x16 10.9 FZB	611818	2	Torque: 8,1Nm
22	Directional valve prop 12V open T	7001615	1	(POS.21, 26, 29 incl.)
23	Directional valve prop 12V	7001614	1	(POS.21, 26, 29 incl.)
24	Directional valve NG6 12V	7001617	2	(POS.21, 27, 29 incl.)
25	Directional valve NG6 24V	7001616	2	(POS.21, 28, 29 incl.)
55	Aggregate cable DC2 Compl. QSC DT	8001201	1	
56	ILME cover21.21	810208	1	(Incl. with agg.cable)
62	Adapter cable JT>DT	1017478	1	(Previously also for DC2)
70	O-ring 9,25x1,78	710901	16	Used until 2022-06
71	Argo hytos valve prop 12V open T	7000092	1	Replaced by POS.22 (ATOS)
72	Argo hytos valve prop 12V	730190	1	Replaced by POS.23 (ATOS)
73	Argo hytos Coil 12V prop JT	730192	4	Used with POS.71-72
74	Argo hytos valve NG6 12V	730101	2	Replaced by POS.24 (ATOS)
75	Coil 12V JT	730117	4	Used with POS.74
76	Argo hytos valve NG6 24V	730103	2	Replaced by POS.25 (ATOS)
77	Coil 24V JT	730118	4	Used with POS.76
78	Nut directional valve	730135	8	
79	Aggregate cable DC2 Comp. QSC JT	8000175	1	Replaced by POS.55 from 2020-12
80	Rubber steel clamp ø16	6000009	1	
81	Valve spacer	1034402	5	
82	Plate EC209PS QSM	1057538	1	
83	Screw MC6S M5x16 12.9	610401	4	
84	Adapter cable DC2 ePS	8000783	1	
85	Adapter cable ePS rotation sensor	8000784	1	
86	Cable Tilt angle sensor ECO W DC2	8002459	1	For EC-Oil w. ePS NB! Only compatible with 8002477
87	Unit cable ePS w. 120 ohm termin.	8000824	1	
88	Ad.cable ePS ECOW SVAB 120 ohm	8000825	1	For ECO w. ePS. Instead of POS.87
89	Protection EC209PS	1033565	1	
90	Screw MC6S M12x80 12.9 ZFSHL	6000148	8	Torque: 136Nm

POS in order of assembly

DC2:

