GRD60 (GRD20)

COVERSHEET

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Planned document changes:

Breifly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-11-23	Spare parts corrected.	O
2025-06-10	Hose kits removed (discontinued from 2023).	N
2023-08-09	Spare parts clarified.	M
2023-07-04	Spare parts added.	L
2021-06-01	Missing glue info added.	K
2020-10-29	Grab frame and Q-block updated to V2.	J
2020-07-10	GRD20Q Shoulder bolt for Q-block & Eccenter corrected.	I
2019-12-04	Carriers updated.	H
2019-11-05	SYNC added. Cylinder covers and hoses replaced.	G
2019-04-29	Cylinders, covers, hoses, GRD20 attachment replaced.	F
2019-02-22	Missing Glue info added.	E
2018-09-21	Torque for ECO couplings added.	D
2018-04-26	Spare parts page added.	C
2018-01-10	Eccenter function updated.	B
2017-06-22	New shim for grab axle added. Lock nuts for lockpin added. New location for serial number. Coversheet added.	A

Readers note:

Indicates instruction.

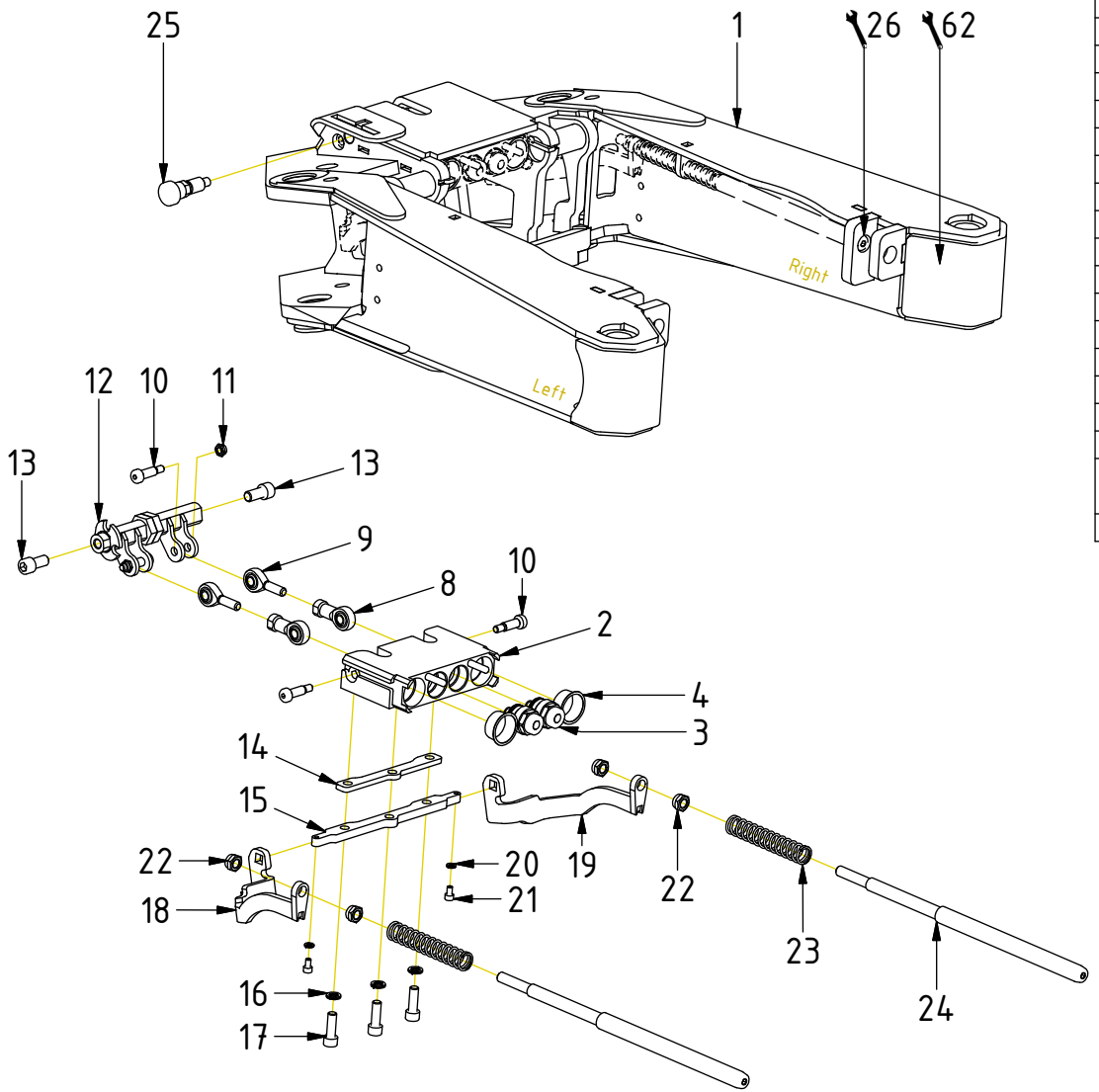
Represents Hose.

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

GRD60 (GRD20)

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GRD-Q



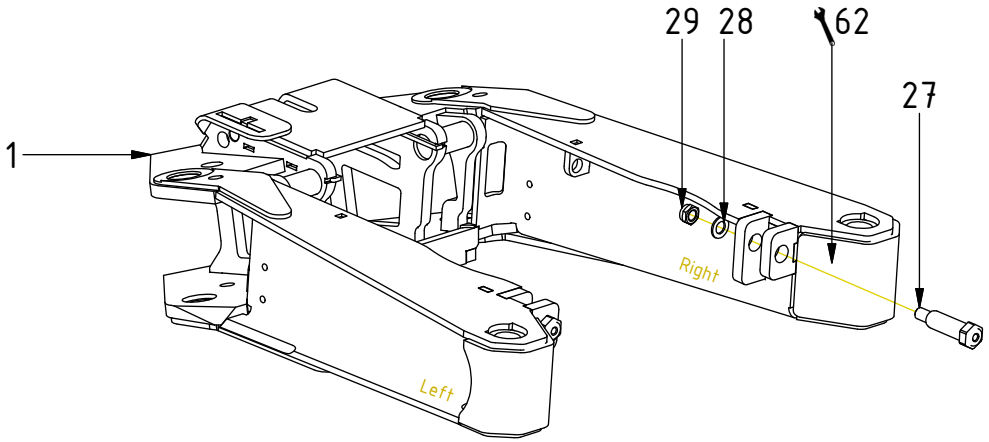
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Grab fame GRD60 V2 Black	1064984	1	
2	Q-Block GRD20 V2	1055206	1	
3	ECO 45/50 3/8" male	1028873	2	Torque: 60Nm
4	Protection plug TECO60	7000154	2	
8	Linkhead female	1033284	2	
9	Linkhead male	1033283	2	Unscrew 4,5 turns from bottomed
10	Shoulder bolt 10x25 / M8	611703	4	Loxeal 83-52 against POS.2
11	Lock Nut M6M M8x1,25 8,8 FZB	610922	4	
12	Eccenter GRD60/SWD60	1037048	1	
13	Screw MC6S M12x25 12.9 ZFSHL	6000164	4	Loxeal 83-52
14	Shim center carrier GRD60	1034333	1	
15	Center carrier GRD60	1034084	1	
16	Washer NL 10mm	611041	3	
17	Screw MC6S M10x30 12.9 ZFSHL	612018	3	
18	Carrier Left V3 GRD60	1055560	1	
19	Carrier Right V3 GRD60	1055562	1	
20	Washer NL 6mm	611039	2	
21	Screw MC6S M6x10 12.9 ZFSHL	611512	2	
22	Lock Nut M6M M12x1,75 8,8 FZB	610924	4	
23	Compression spring (6192)	1038209	2	
24	Lock pin GRD60	1034056	2	
25	Indexing bolt M16x1,5	6000061	1	
26	With Q-block retracted, lockpin must align with surface			
62	Punch serial no into frame			

POS in order of assembly

GRD60 (GRD20)

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POS	DESCRIPTION	PART	QTY	COMMENTS
1	Grab fame GRD60 V2 Black	1064984	1	
27	Lock pin GRD60 (GRD20)	1050735	2	
28	Washer BRB 15x26x2	611008	2	
29	Lock Nut M6M M14x2 8,8 FZB	610925	2	
62	Punch serial no into frame			

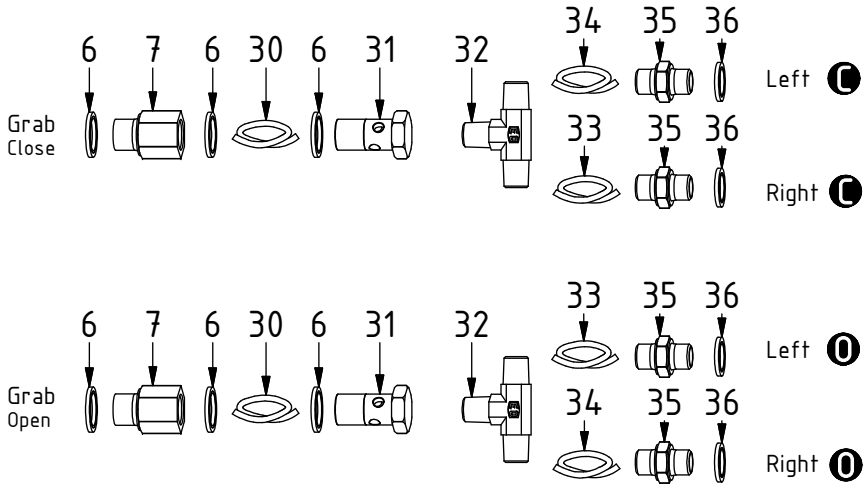
POS in order of assembly

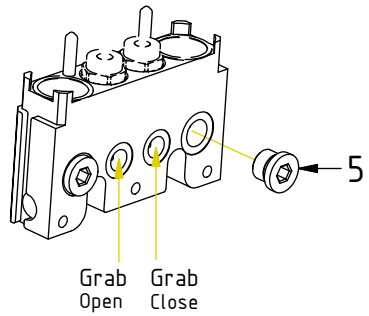
GRD60 (GRD20)

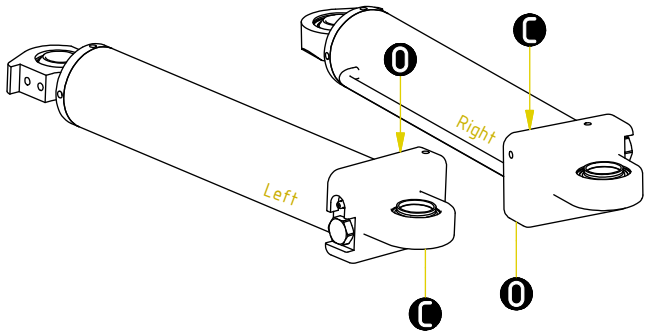
GRD-Q

POS	DESCRIPTION	PART	QTY	COMMENTS
5	Plug 70125-08 (1/2")	711500	2	
6	Washer GBR06 3/8	710703	6	
7	Adapter 236-06-06	710131	2	
30	Hose Grab Feed GRD-Q	7001059	2	
31	Banjo bolt 4451-06 (3/8")	710272	2	
32	Adapter 851-04-04 (1/4")	7000883	2	
33	Hose Grab Short	7000889	2	
34	Hose Grab Long	7000888	2	
35	Adapter 138-04-29 (1/4")	710135	4	
36	Washer GBR04 1/4	710702	6	QTY: 4 for GRD-Q

POS in order of assembly







Photos on page 5.

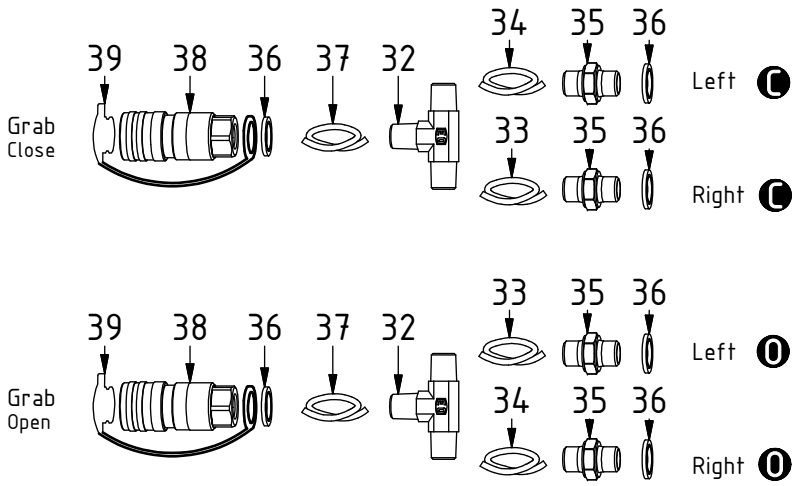
GRD60 (GRD20)

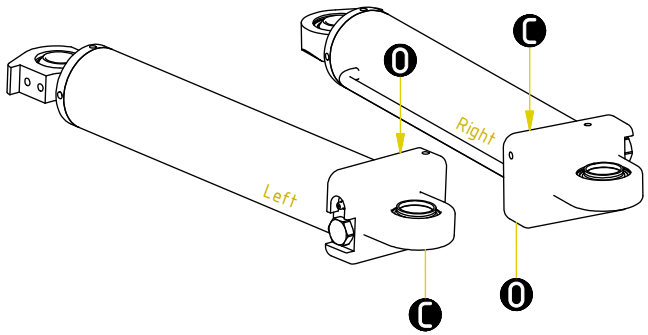
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GRD

POS	DESCRIPTION	PART	QTY	COMMENTS
32	Adapter 851-04-04 (1/4")	7000883	2	
33	Hose Grab Short	7000889	2	
34	Hose Grab Long	7000888	2	
35	Adapter 138-04-29 (1/4")	710135	4	
36	Washer GBR04 1/4	710702	6	QTY: 4 for GRD-Q
37	Hose Grab Feed GRD	7001034	2	
38	Quick coupler 1/4" Female	790110	2	
39	Dust protection 1/4" Female	790116	2	

POS in order of assembly

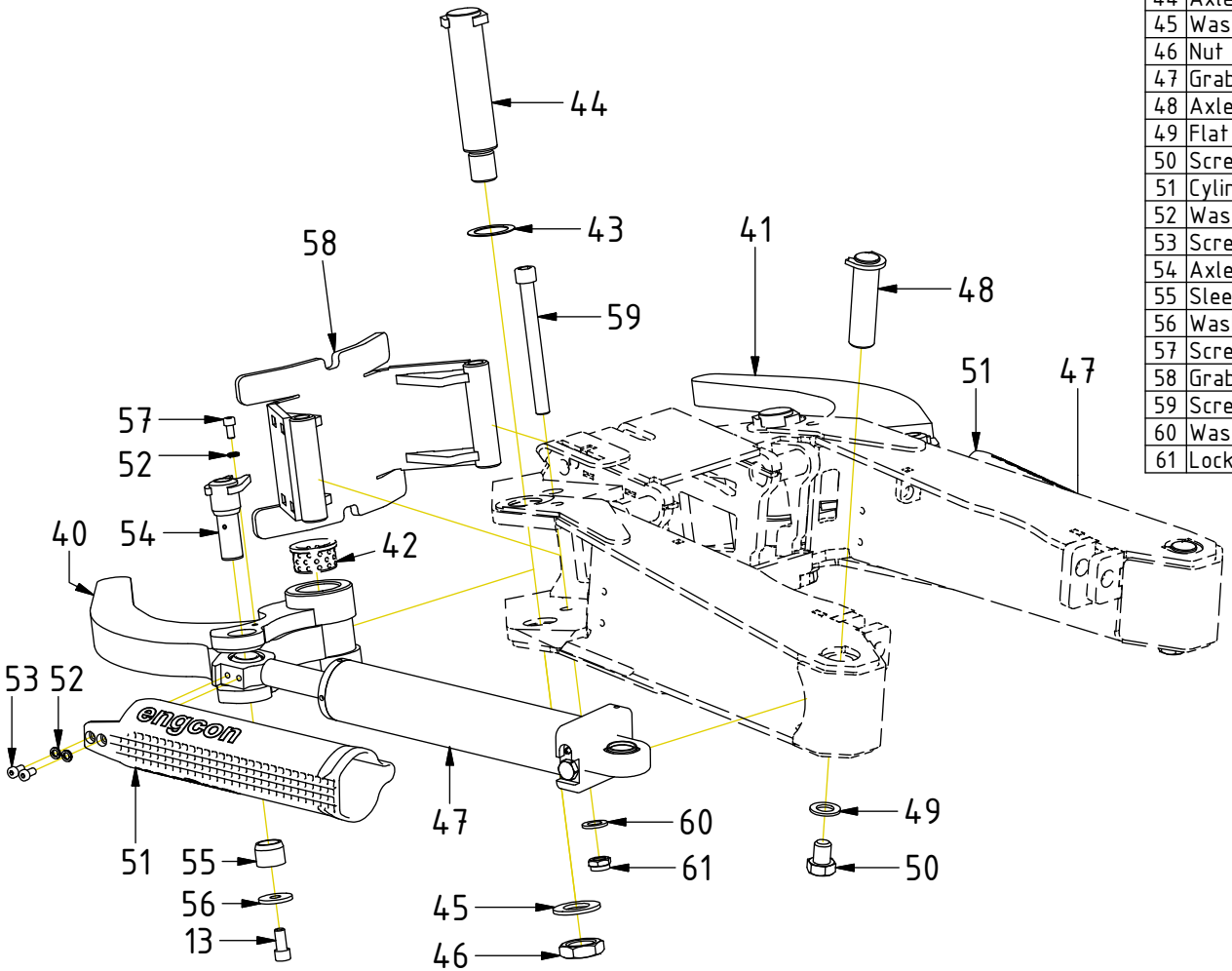




Photos on page 7.

GRD60 (GRD20)

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POS	DESCRIPTION	PART	QTY	COMMENTS
13	Screw MC6S M12x25 12.9 ZFSHL	6000164	4	Loxeal 83-52
40	Grab arm GRD60 (GRD20) single	1031144	1	(POS.42 incl.)
41	Grab arm GRD60 (GRD20) double	1031147	1	(POS.42 incl.)
42	Bushing 40/50/55/5-30	631001	4	
43	Shim GDR60 56x40,5x1	1042067	4	Also used between grab arm and grab frame if required
44	Axle grab arm	1032840	2	Torque: 649Nm
45	Washer BRB 31x56x4	6000053	2	
46	Nut M30	6000059	2	Loxeal 83-52. Torque: 649Nm
47	Grab cylinder Right/Left	1048549	2	
48	Axle cylinder	1029217	2	
49	Flat Washer	611010	2	
50	Screw M6S 20x25	6000054	2	Loxeal 83-52
51	Cylinder cover	1051368	2	
52	Washer NL 8mm	611040	8	
53	Screw MLC6S M8x16 10.9 FZB	6000220	4	
54	Axle grab arm/cylinder	1034640	2	
55	Sleeve axle	1034641	2	
56	Washer BRB 13x40x4	6000056	2	
57	Screw MC6S M8x16 12.9 ZFSHL	610432	2	
58	Grab support GRD60	1034063	1	
59	Screw MC6S M16x160 12.9 ZFSHL	6000166	2	
60	Washer BRB 17x30x3	611009	2	
61	Lock Nut M6M M16x2 8,8 FZB	610926	2	

POS in order of assembly

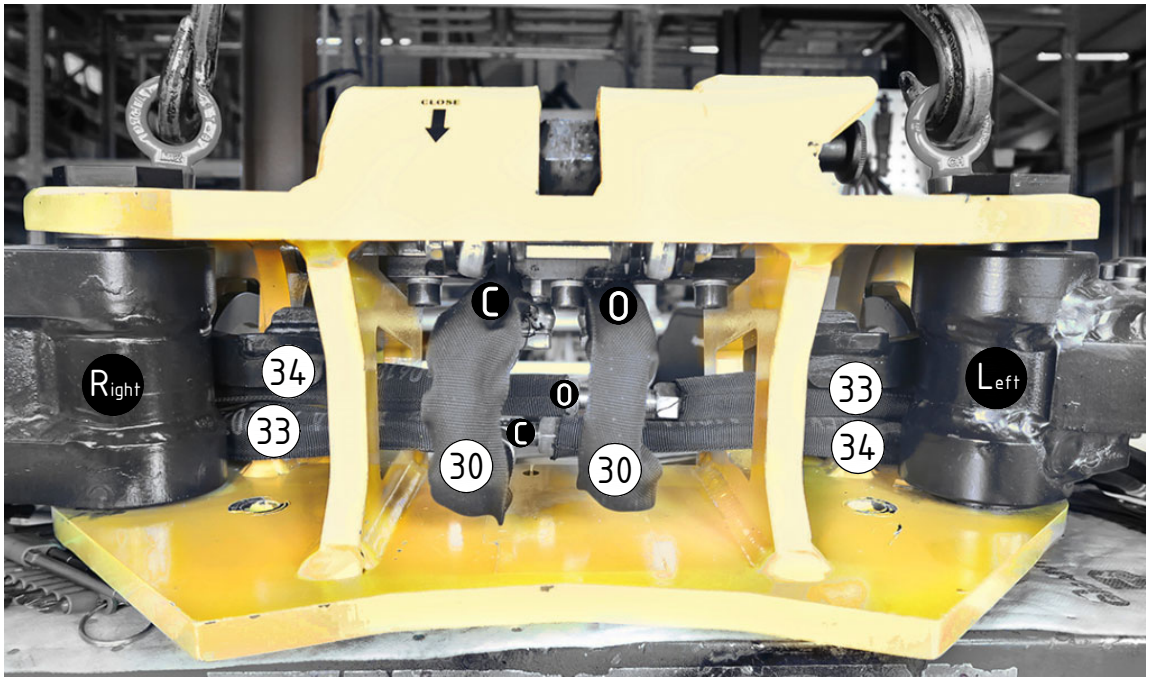
GRD60 (GRD20)

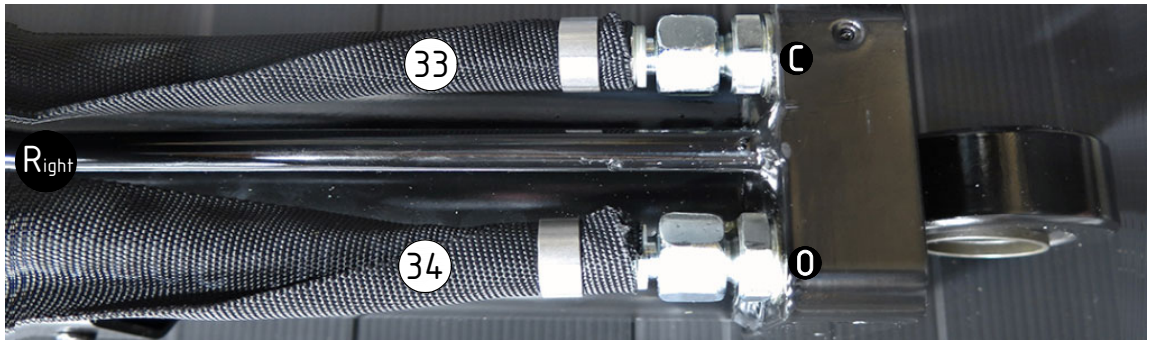
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POS in order of assembly

POS	DESCRIPTION	PART	QTY	COMMENTS
30	Hose Grab Feed GRD-Q	7001059	2	
33	Hose Grab Short	7000889	2	
34	Hose Grab Long	7000888	2	
37	Hose Grab Feed GRD	7001034	2	

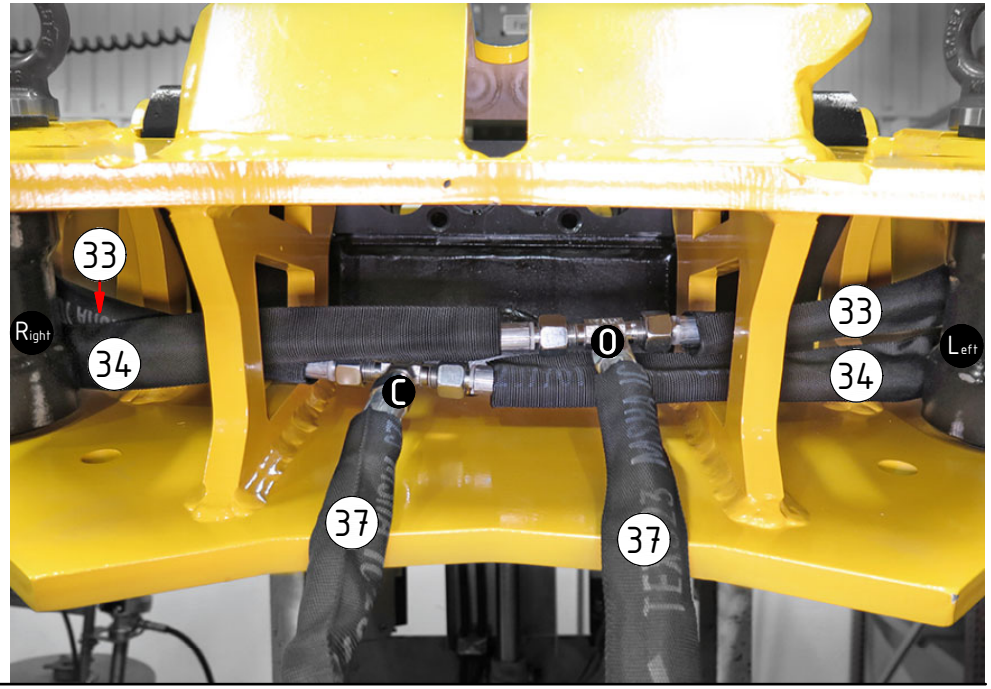
GRD-Q







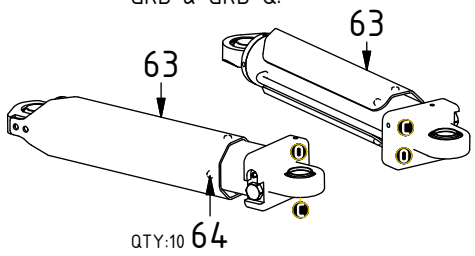
GRD



RELATED SPARE PARTS

Until 2019-10

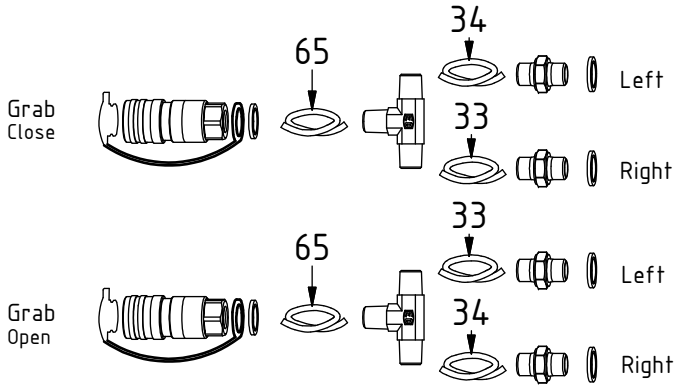
GRD & GRD-Q:



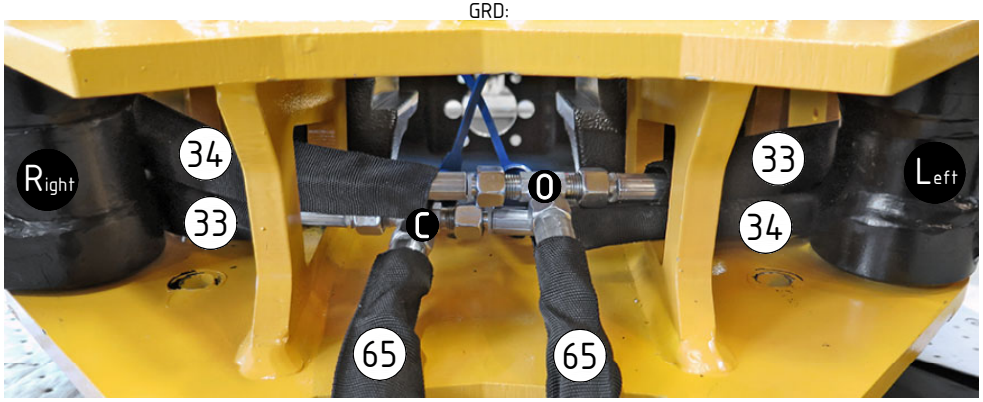
POS	DESCRIPTION	PART	QTY	COMMENTS
6	Washer GBR06 3/8	710703	6	
7	Adapter 236-06-06	710131	2	
33	Hose Grab Short	7000889	2	
34	Hose Grab Long	7000888	2	
36	Washer GBR04 1/4	710702	6	QTY: 4 for GRD-Q
37	Hose Grab Feed GRD	7001034	2	
51	Cylinder cover	1051368	2	
63	Cylinder cover (spacers)	1051150	2	Replaced by POS.51 from 2019-07
64	Spacer 1,2mm	400635	2	(Incl. in cover)
65	Hose Feed Grab	743003	2	Replaced by POS.37 from 2019-10
66	Adapter 3/8" 1/4"	710235	2	Used until 2019-10
67	Adapter 236-04-04	1013885	2	Used until 2019-10
68	Hose Grab Short	7000169	1	Used until 2019-10
69	Hose Grab Long	7000170	1	Used until 2019-10
70	Banjo bolt extended 4450-04 (1/4")	712214	2	Used until 2019-10

POS in order of assembly

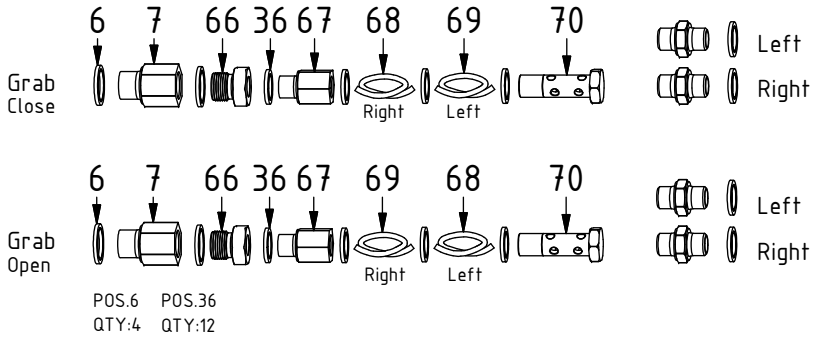
GRD:



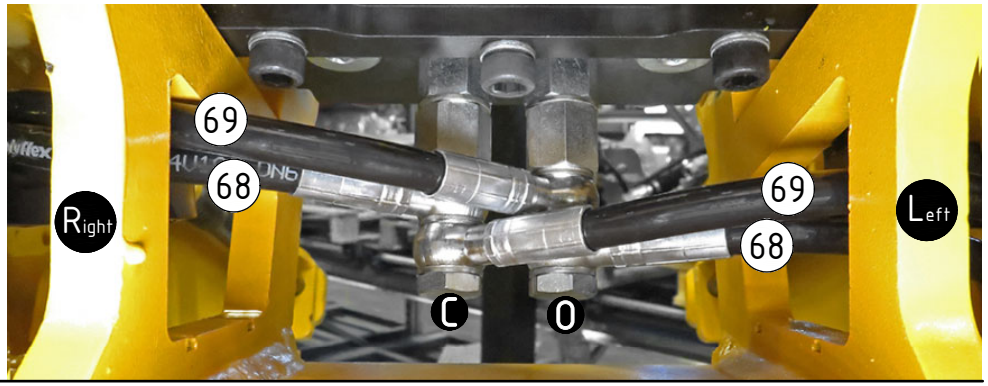
GRD:



GRD-Q:



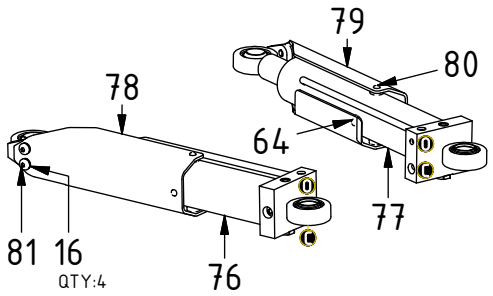
GRD-Q:



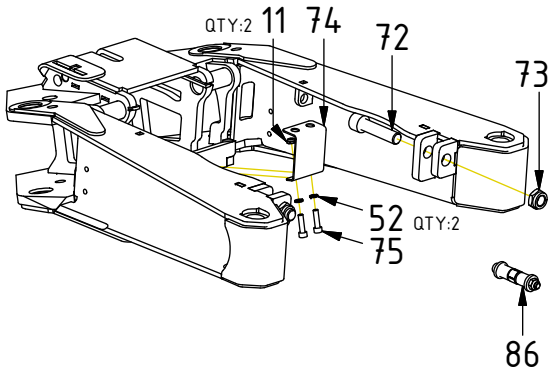
RELATED SPARE PARTS

Until 2019-04

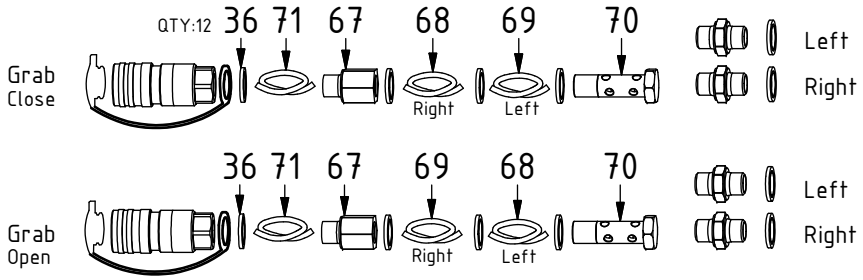
GRD & GRD-Q:



GRD:

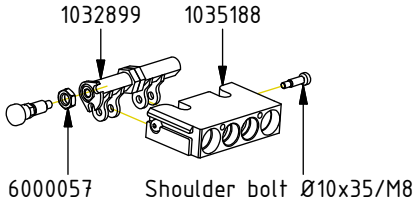


GRD:



GRD20Q until 2016-06:

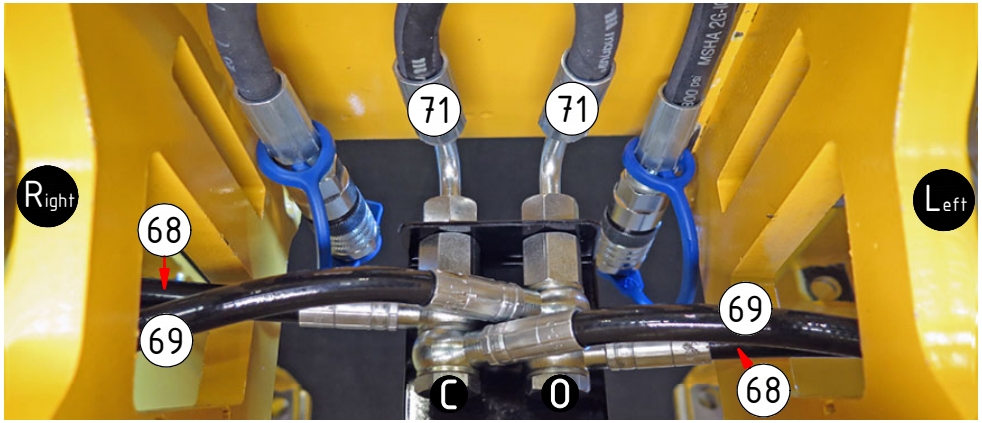
Pre series



POS	DESCRIPTION	PART	QTY	COMMENTS
11	Lock Nut M6M M8x1,25 8,8 FZB	610922	4	
16	Washer NL 10mm	611041	3	
36	Washer GBR04 1/4	710702	6	QTY: 4 for GRD-Q
52	Washer NL 8mm	611040	8	
64	Spacer 1,2mm	400635	2	(Incl. in cover)
67	Adapter 236-04-04	1013885	2	Used until 2019-10
68	Hose Grab Short	7000169	1	Used until 2019-10
69	Hose Grab Long	7000170	1	Used until 2019-10
70	Banjo bolt extended 4450-04 (1/4")	712214	2	Used until 2019-10
71	Hose Feed	7000181	2	Used until 2019-04
72	Screw MC6S M20x80 12.9 ZFSHL	6000167	2	Replaced by POS.27-29 2019-04
73	Lock Nut M6M M20x2,5 8,8 FZB	610928	2	Replaced by POS.27-29 2019-04
74	Hose holder GRD20	1037775	1	Used until 2019-04
75	Screw MC6S M8x30 12.9 ZFSHL	611519	2	Used until 2019-04
76	Grab cylinder Left	1035017	1	Replaced by POS.47 from 2019-04
77	Grab cylinder Right	1035018	1	Replaced by POS.47 from 2019-04
78	Cylinder cover Left	1008181K	1	Replaced by POS.63 from 2019-04
79	Cylinder cover Right	1008190K	1	Replaced by POS.63 from 2019-04
80	Spacer 5mm	400636	6	(Incl. in cover)
81	Screw K6S M10x20 10.9 FZB	611812	4	Used until 2019-04
86	Expander bolt GRD instead of "bolt"	1051160	2	Spare part use only

POS in order of assembly

GRD:

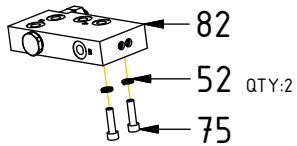


GRD & GRD-Q:



RELATED SPARE PARTS

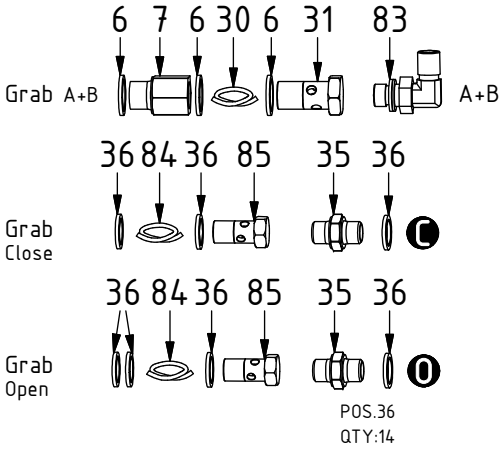
SYNC



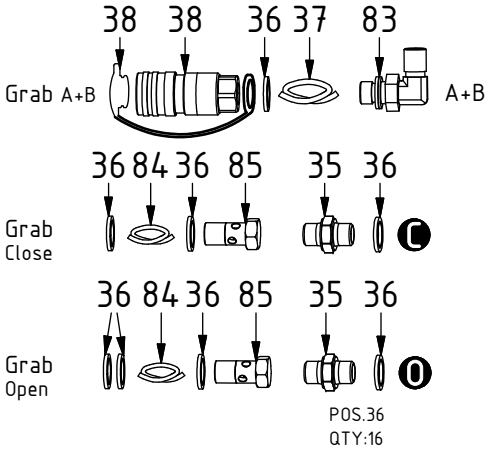
POS	DESCRIPTION	PART	QTY	COMMENTS
6	Washer GBR06 3/8	710703	6	
7	Adapter 236-06-06	710131	2	
30	Hose Grab Feed GRD-Q	7001059	2	
31	Banjo bolt 4451-06 (3/8")	710272	2	
35	Adapter 138-04-29 (1/4")	710135	4	
36	Washer GBR04 1/4	710702	6	QTY: 4 for GRD-Q
37	Hose Grab Feed GRD	7001034	2	
47	Grab cylinder Right/Left	1048549	2	
75	Screw MC6S M8x30 12.9 ZFSHL	611519	2	
82	Flow divider GRD Complete	7000840	1	
83	Adapter 401-04-04 90° (1/4")	710151	2	
84	Hose Grab SYNC	7001035	4	
85	Banjo bolt 4451-04 (1/4")	710271	1	

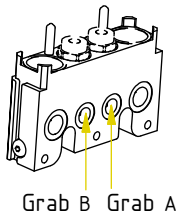
POS in order of assembly

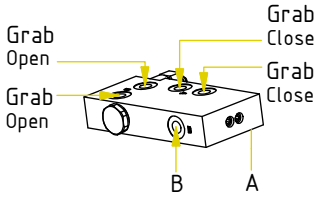
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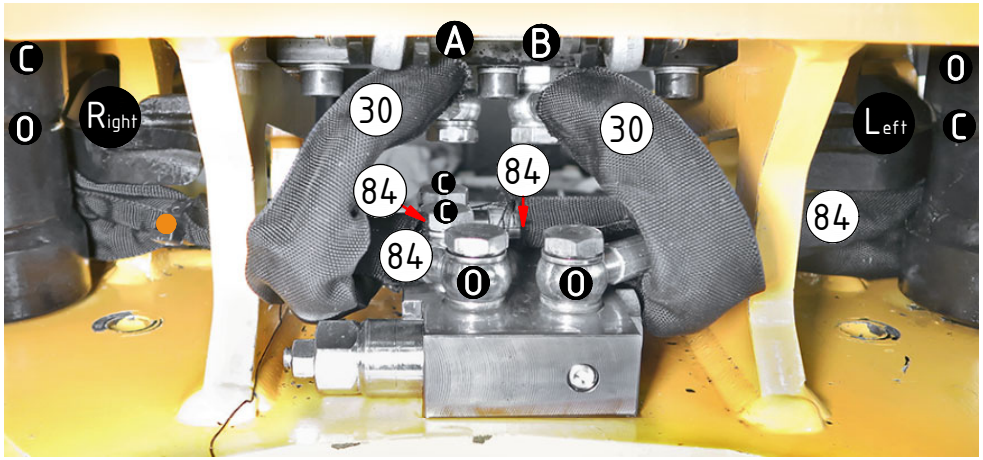
SYNC GRD:







SYNC GRD-Q:



SYNC GRD:

