SWD60

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COVERSHEET

Planned document changes:

Breifly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-11-23	Motor corrected.	J
2023-08-21	Brush cassette quantity (QTY) corrected.	I
2023-07-04	Part nos for washers and screws corrected. Plug added.	H
2022-12-20	Chain wheel replaced. Cylinder assembly updated. Spare parts updated.	G
2021-06-23	Support leg included parts added.	F
2021-05-24	Frame & Q-Block updated to V2. Support legs added.	E
2019-10-30	Eccenter part no corrected.	D
2019-06-20	Clarification to hoses/chanels added.	C
2019-01-08	Hose kit added. Item no corrected for Hose to cylinder.	B
2018-10-04	Changes to all pages. Partslist updated. Photos added.	A
2018-03-14	New document.	-

Readers note:

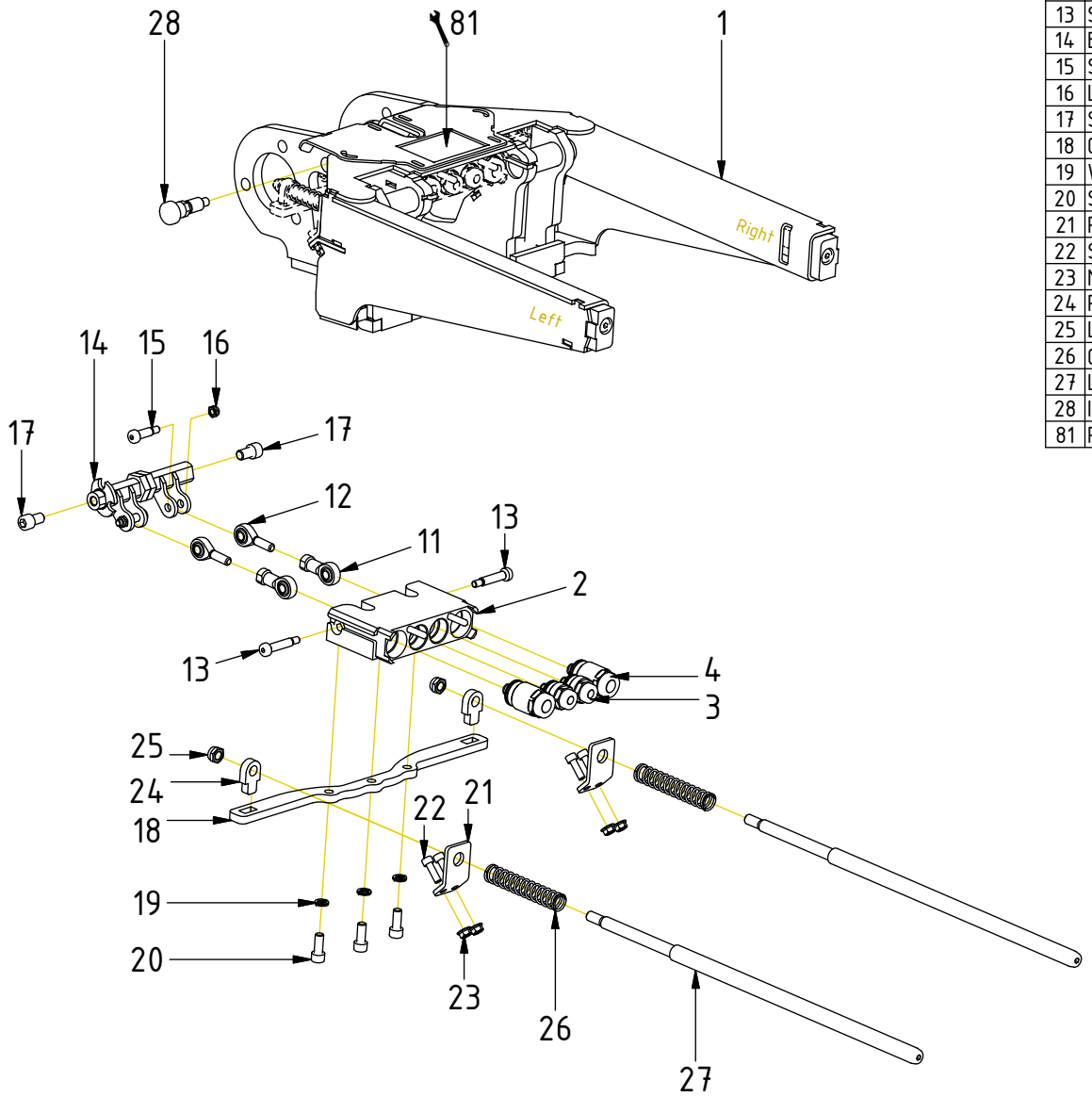
Indicates instruction.

Represents Hose.

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

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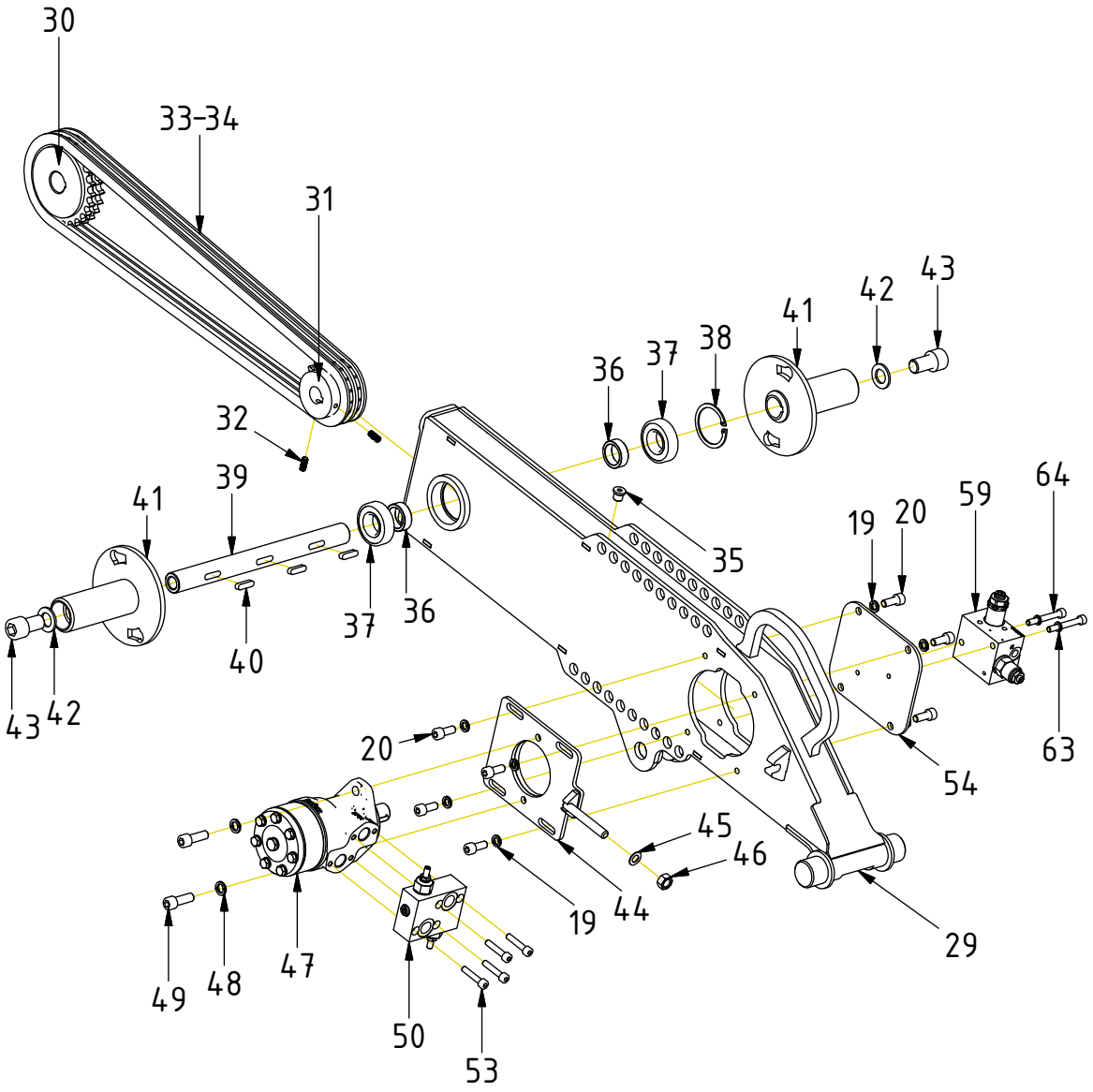


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Frame SWD60 V3 Black	1069772	1	
2	Q-block GRD60/SWD60 V2	1055206	1	
3	Coupling ECO 3/8" male	1028873	2	Torque: 60Nm
4	Coupling ECO 1/2" male	1027633	2	Torque: 60Nm
11	Linkhead female	1033284	2	
12	Linkhead male	1033283	2	Unscrew 4,5 turns from bottomed
13	Shoulder bolt 10x40 / M8	6000085	2	Loxeal 83-52
14	Eccenter GRD60/SWD60	1037048	1	
15	Shoulder bolt 10x25 / M8	611703	2	
16	Lock Nut M6M M8x1,25 8,8 FZB	610922	8	QTY: 6 part of brush holders
17	Screw MC6S M12x20 12.9	610472	2	Loxeal 83-52
18	Carrier SWD60	1038865	1	
19	Washer NL 10mm	611041	15	
20	Screw MC6S M10x25 12.9 ZFSHL	6000195	15	
21	Plate	1035671	2	
22	Screw MC6S M8x25 12.9 ZFSHL	6000143	8	QTY: 4 part of brush holders
23	M6MF M8 Lock	6000211	20	
24	Plate	1038866	2	
25	Lock Nut M6M M12x1,75 8,8 FZB	610924	8	
26	Compression spring (6192)	1038209	2	
27	Lock arm SWD60	1036560	2	
28	Indexing plunger M16x1,5	6000061	1	
81	Punch serial no into rotator frame			

POS in order of assembly

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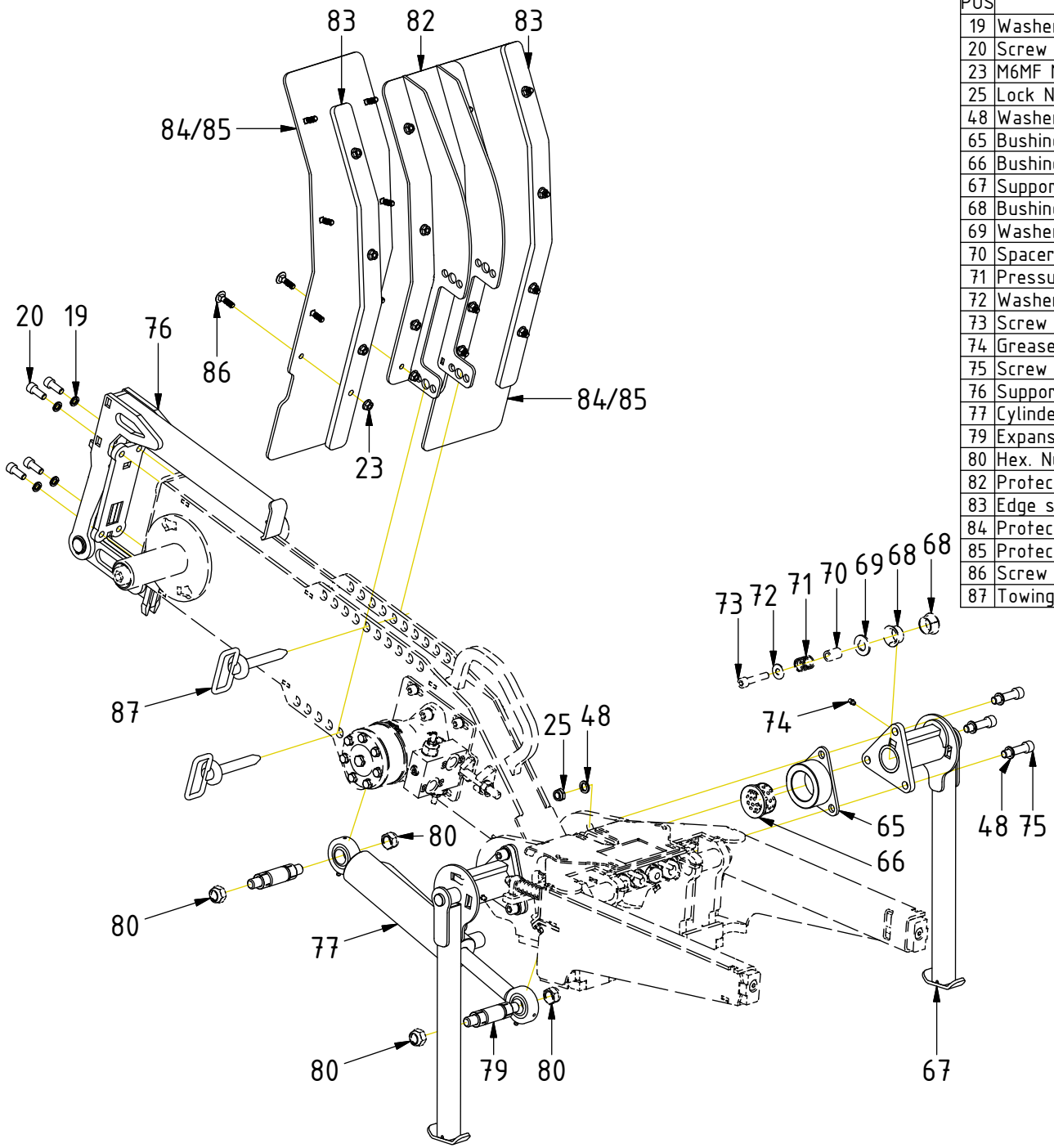


POS	DESCRIPTION	PART	QTY	COMMENTS
19	Washer NL 10mm	611041	15	
20	Screw MC6S M10x25 12.9 ZFSHL	6000195	15	
29	Sweep arm SWD long	1035455	1	
30	Chainwheel 30H7+K+S D-58-25	1058172	1	
31	Chainwheel 25H7+K+S D-58-17	1034588	1	
32	Screw SK6SS 8x20	6000190	2	Loxeal 55-02
33	Roller chain RS10B-2 1508mm	7000782	1	
34	Coupling link RS10B-2	1047913	1	
35	Plug Din 908 1/4"	711505	1	
36	Spacer ring 40/31 L13,5	1069682	2	
37	Bearing 6206 2RS	1033934	2	
38	Circlip SgH 62	640219	1	
39	Axle Ø30 SWD45/60	1069885	1	
40	Feather Key 8x7x30	6000188	3	
41	Sweep carrier SWD45/60	1034118	2	
42	Washer NL20sp 21,4x39,0x3,4	6000338	2	
43	Screw MC6S M20x35 12.9	6000205	2	
44	Motor mounting plate	1035581	1	
45	Washer BRB 13x24x2,5 200 HV FZB	611007	1	
46	Nut M6M M12 8	610907	1	
47	Hydraulic motor OMR-X250	7001858	1	Attached on opposite side by MC6S M8 with washers
48	Washer NL 12mm	611042	14	
49	Screw MC6S M12x35 12.9 ZFSHL	6000150	2	
50	Crossover valve (160 bar) KPDR80	7000695	1	
53	Screw MC6S M8x40 12.9 ZFSHL	6000145	4	
54	Plate	1036784	1	
59	Hydraulic valve SWD	7000700	1	
63	Washer NL 8mm	611040	12	QTY: 10 part of brush holders
64	Screw MC6S M8x60 12.9	610441	2	

POS in order of assembly

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POS	DESCRIPTION	PART	QTY	COMMENTS
19	Washer NL 10mm	611041	15	
20	Screw MC6S M10x25 12.9 ZFSHL	6000195	15	
23	M6MF M8 Lock	6000211	20	
25	Lock Nut M6M M12x1,75 8,8 FZB	610924	8	
48	Washer NL 12mm	611042	14	
65	Bushing holder SWD	1041270	2	(POS.66 incl.)
66	Bushing BWG-F 40/50/55/5x30	631001	2	
67	Support legs (2) SWD cassette	1044412	2	(POS.68-74 incl.)
68	Bushing 25/28/35x16	630001	4	
69	Washer Ø34/17,5 t=3	1041264	2	
70	Spacer sleeve Ø17/10,2 L25	1041265	2	
71	Pressure spring SF-TF 1566	1041257	2	
72	Washer SRKB FZB 10,5x25x1,5	6000300	2	
73	Screw MC6S 10x50 12.9 ZFSHL	611515	2	Loxeal 83-52
74	Grease Nipple	711405	2	
75	Screw MC6S M12x50 12.9 ZFSHL	6000443	6	
76	Support leg SWD arm	1043000	1	
77	Cylinder SWD	1038793	1	
79	Expansion axle	1067625	2	(POS.80 incl.)
80	Hex. Nut M16 Nylon Lock	610926	4	Torque: 175Nm
82	Protection plate SWD40/45/60	1037932	1	
83	Edge support plate	1038230	2	
84	Protection BK420	1037939	2	
85	Protection BK1600	1047894	2	
86	Screw MVBF 8x30	6000177	16	
87	Towing sprint	1038003	2	

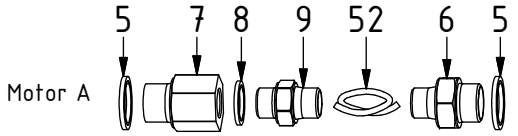
POS in order of assembly

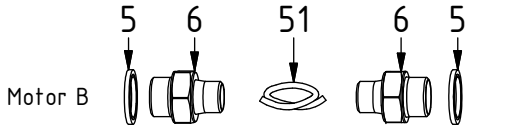
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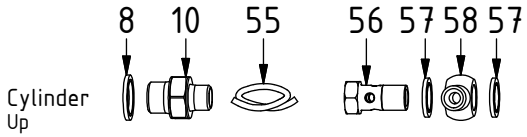
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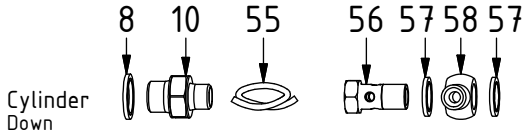
POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer GBR08 1/2	710704	4	
6	Adapter 135-06-08	710122	3	
7	Adapter 235-08-06	7000705	1	
8	Washer GBR06 3/8	710703	3	
9	Adapter 136-06-06 (3/8")	710106	1	
10	Adapter 135-04-06 (1/4"-3/8")	710118	2	
51	Hose Motor Short	7000716	1	
52	Hose Motor Long	7000715	1	
55	Hose Hyd.Bl.	7000719	2	
56	Banjo bolt 4451-04 (1/4")	710271	4	
57	Washer GBR04 1/4	710702	10	
58	Adapter 830-04-04 (1/4")	710145	4	
60	Adapter 139-00-02 (1/4)	7000713	1	
61	Adapter 138-04-29 (1/4")	710135	1	
62	Hose Cylinder	7000718	2	
78	Hose kit SWD60	7000693	1	(POS.51-52, 55, 62 incl.)

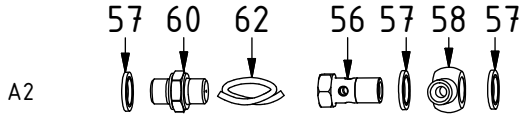
POS in order of assembly

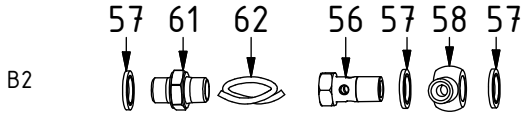


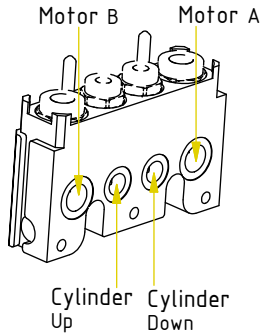


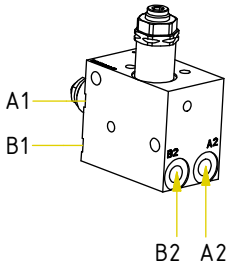


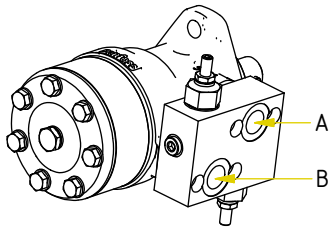


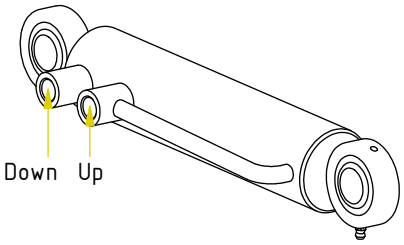












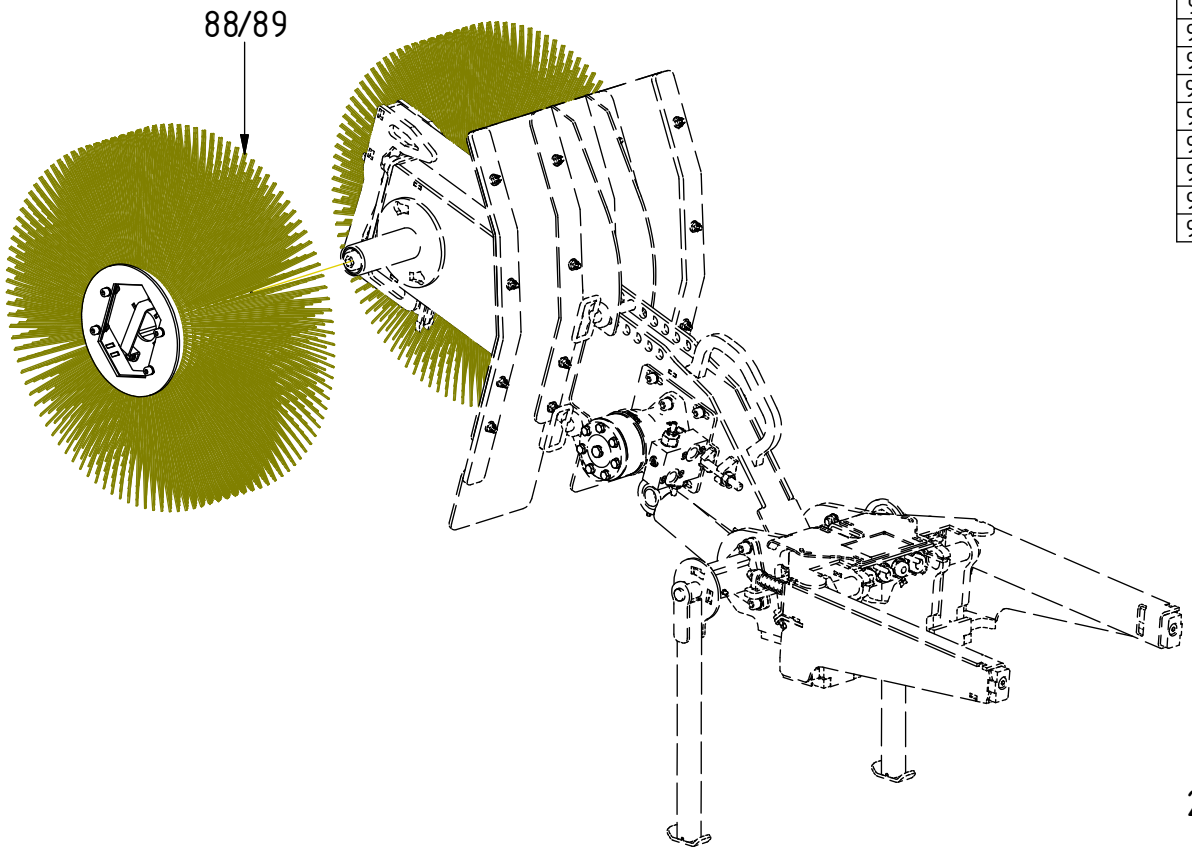
Photos on page 7.

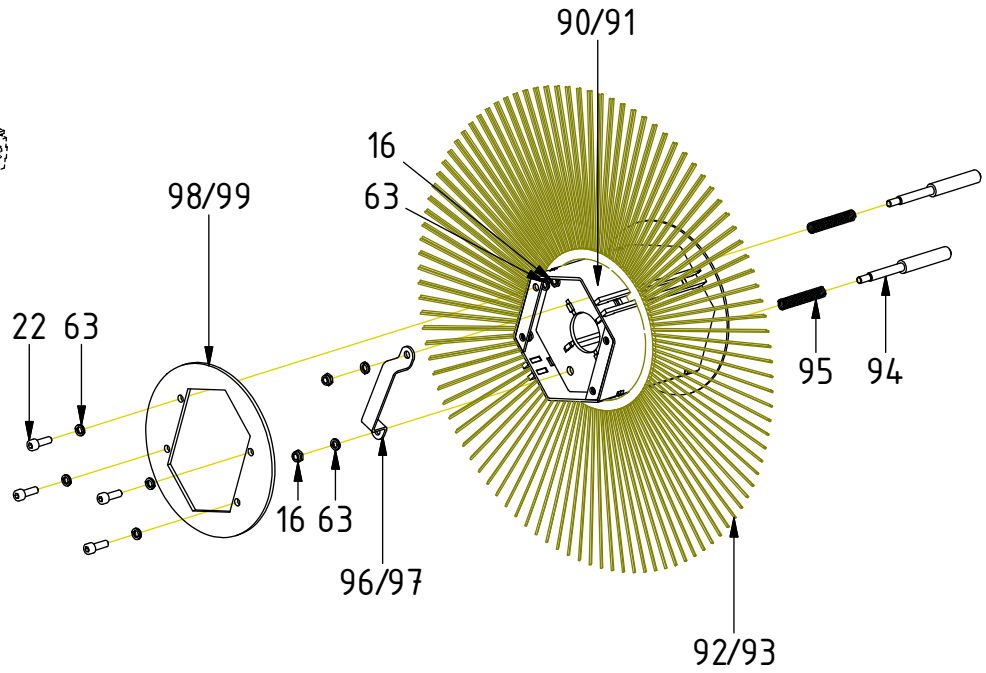
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POS	DESCRIPTION	PART	QTY	COMMENTS
16	Lock Nut M6M M8x1,25 8,8 FZB	610922	8	QTY: 6 part of brush holders
22	Screw MC6S M8x25 12.9 ZFSHL	6000143	8	QTY: 4 part of brush holders
63	Washer NL 8mm	611040	12	QTY: 10 part of brush holders
88	Brush Cassette-SWD-420 Ø600 x2	1047646	1	
89	Brush Cassette-SWD-1600 Ø915 x2	1047647	1	
90	Frame Brush Holder SWD 420	1036786	1	
91	Frame Brush Holder SWD 1600	1040167	1	
92	Brush segment D=600 d=180	1033883	6	
93	Brush segment D=915 d=254	1047896	19	
94	Lock pin SWD	1036575	2	
95	Pressure spring TF 1464	1034596	2	
96	Handle plate - SWD	1036790	1	
97	Handle plate large - SWD	1035594	1	
98	Cover plate Brushes Ø180	1034601	1	
99	Cover plate Brushes Ø250	1034746	1	

POS in order of assembly





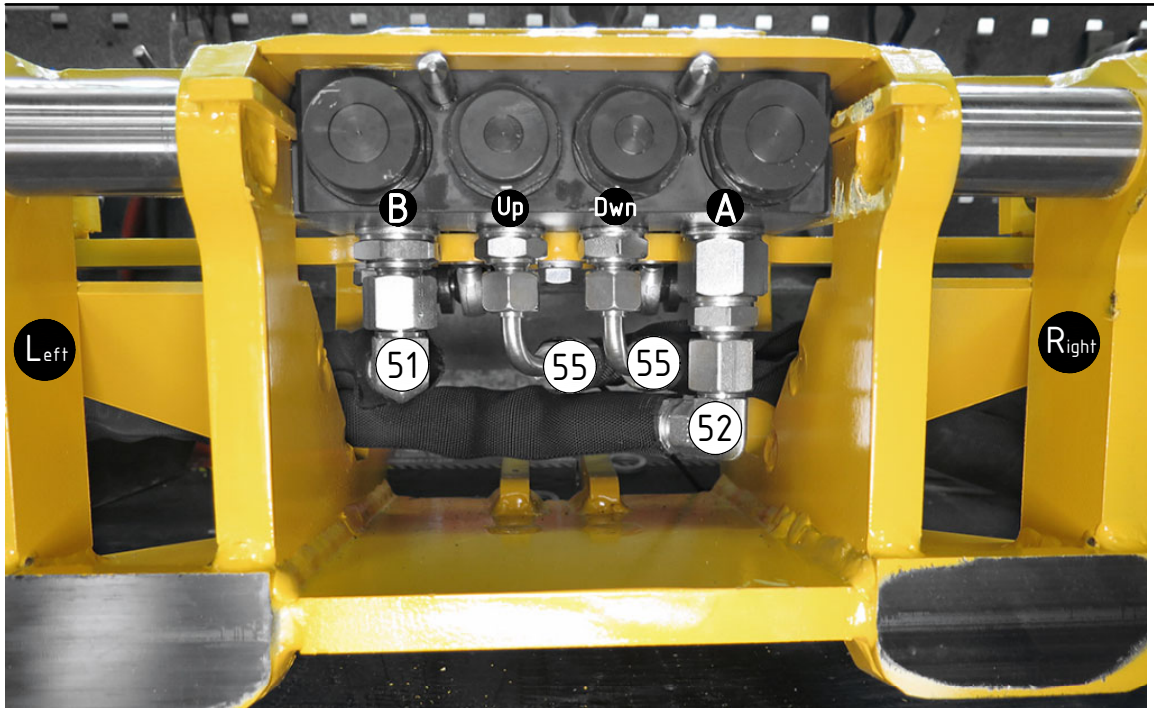
NB! The 2 furthest segments on each side mounts in same direction.

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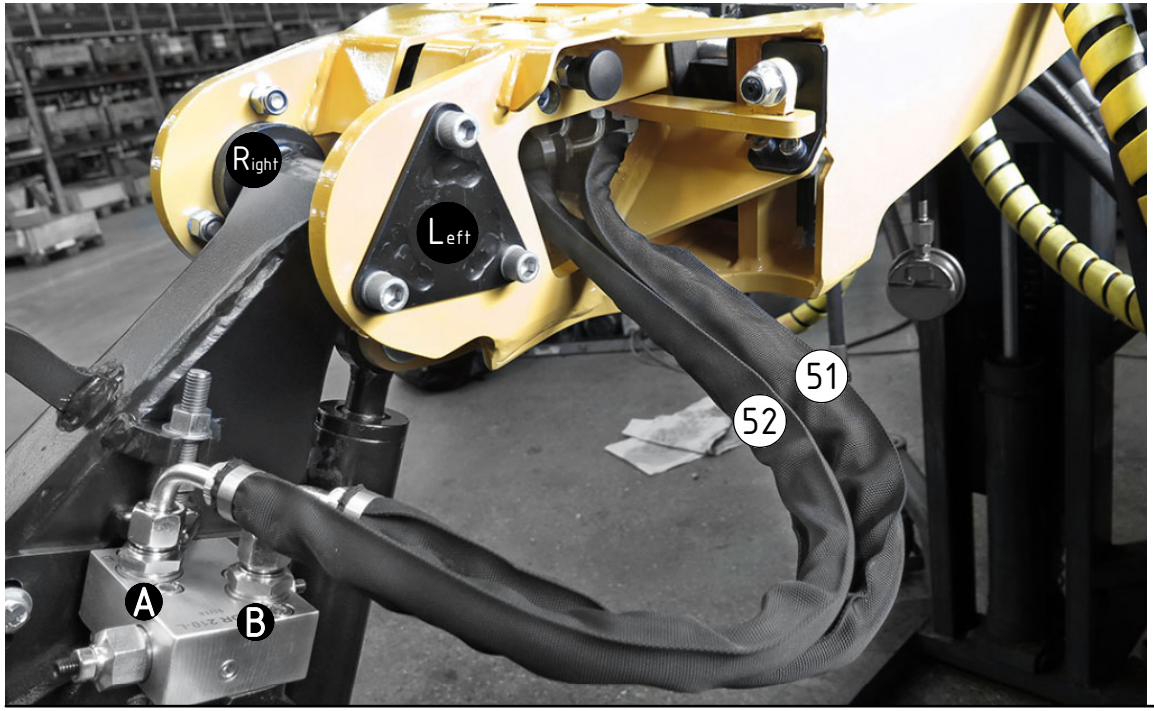
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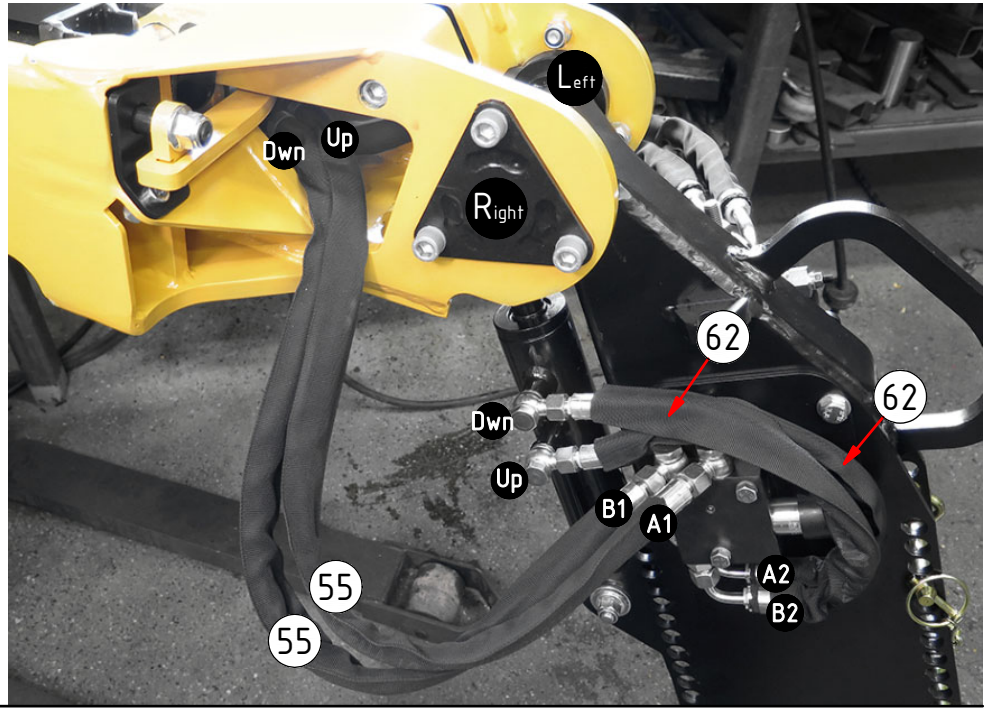
POS	DESCRIPTION	PART	QTY	COMMENTS
51	Hose Motor Short	7000716	1	
52	Hose Motor Long	7000715	1	
55	Hose Hyd.Bl.	7000719	2	
62	Hose Cylinder	7000718	2	
78	Hose kit SWD60	7000693	1	(POS.51-52, 55, 62 incl.)

POS in order of assembly







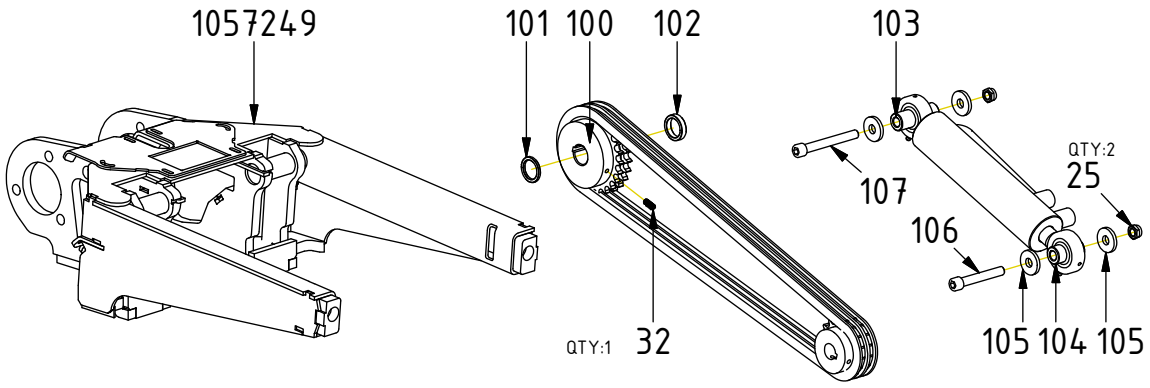


RELATED SPARE PARTS

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Frame SWD60 V3 Black	1069772	1	
19	Washer NL 10mm	611041	15	
25	Lock Nut M6M M12x1,75 8,8 FZB	610924	8	
30	Chainwheel 30H7+K+S D-58-25	1058172	1	
32	Screw SK6SS 8x20	6000190	2	Loxeal 55-02
36	Spacer ring 40/31 L13,5	1069682	2	
48	Washer NL 12mm	611042	14	
79	Expansion axle	1067625	2	(POS.80 incl.)
100	Chainwheel 30H7+K+S D-58-25	1034589	1	Replaced by POS.30 from 2022-12
101	Spacer ring 4mm	1036573	1	Replaced by POS.36 from 2022-12
102	Spacer ring 9mm	1036574	1	Replaced by POS.36 from 2022-12
103	Axle L70	1038788	1	Replaced by POS.79 from 2022-12
104	Axle L49	1038786	1	Replaced by POS.79 from 2022-12
105	Washer BRB 13x35x5 HV 350	612016	4	
106	Screw MC6S M12x80 12.9 ZFSHL	6000148	1	
107	Screw MC6S M12x100 12.9 ZFSHL	611514	1	
108	Screw MC6S M12x40 12.9 ZFSHL	6000141	3	
109	Plate	1036572	1	For SWD without support legs

POS in order of assembly

Replaced from 2022-12:



Without support legs:

