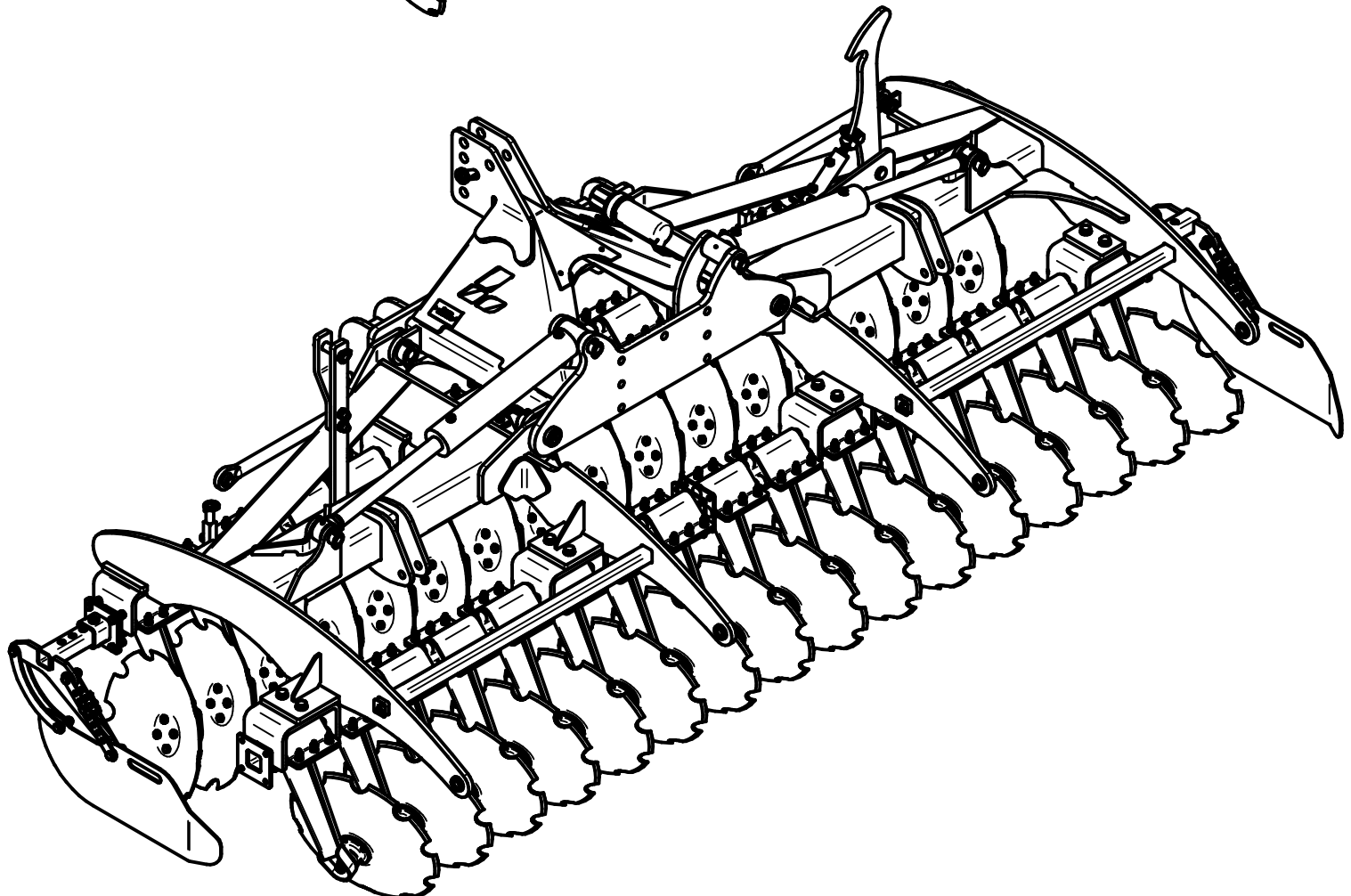
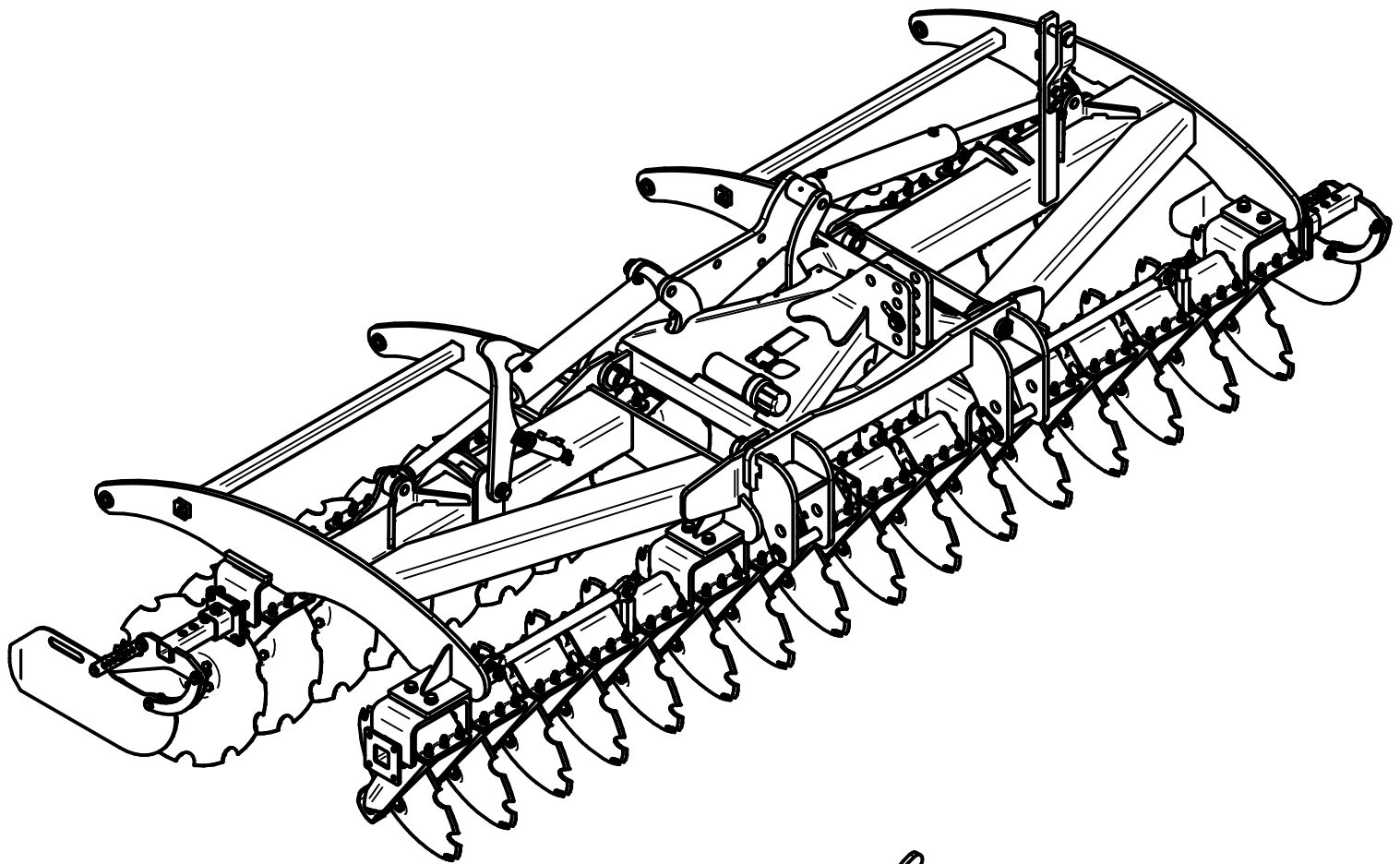
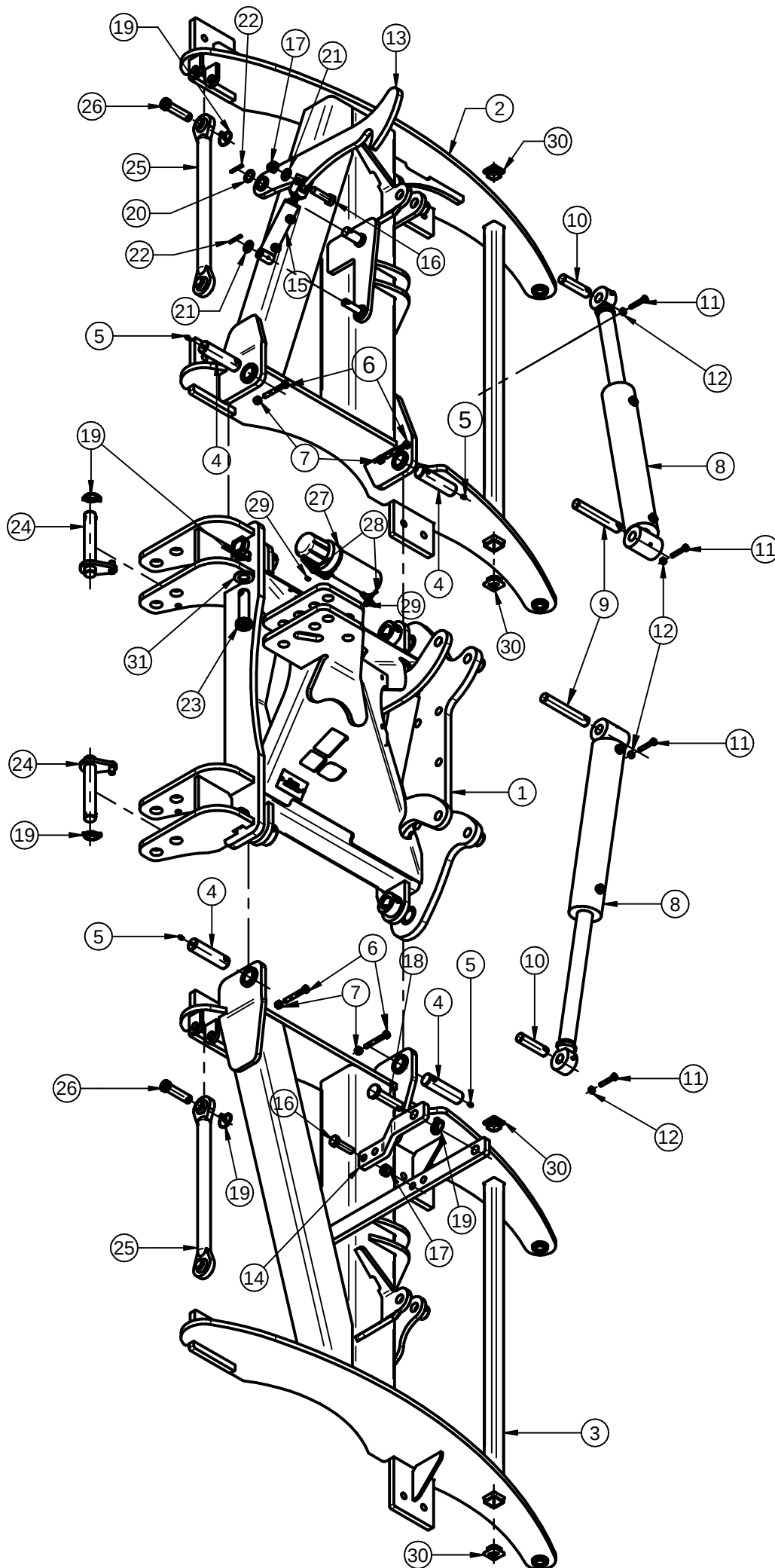


PMF PART MANUAL

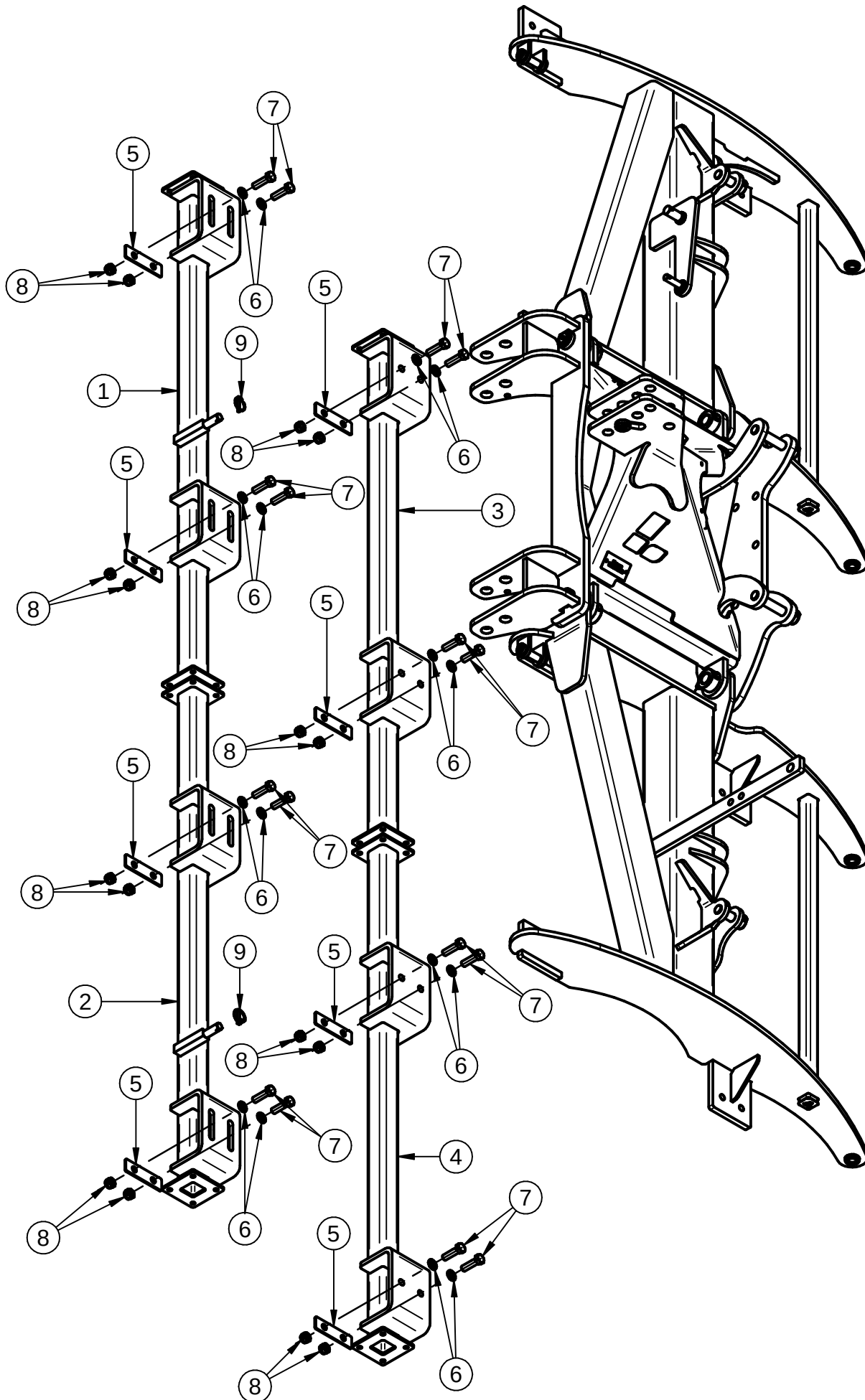


PMF CENTER UNIT AND ARM R.H & L.H



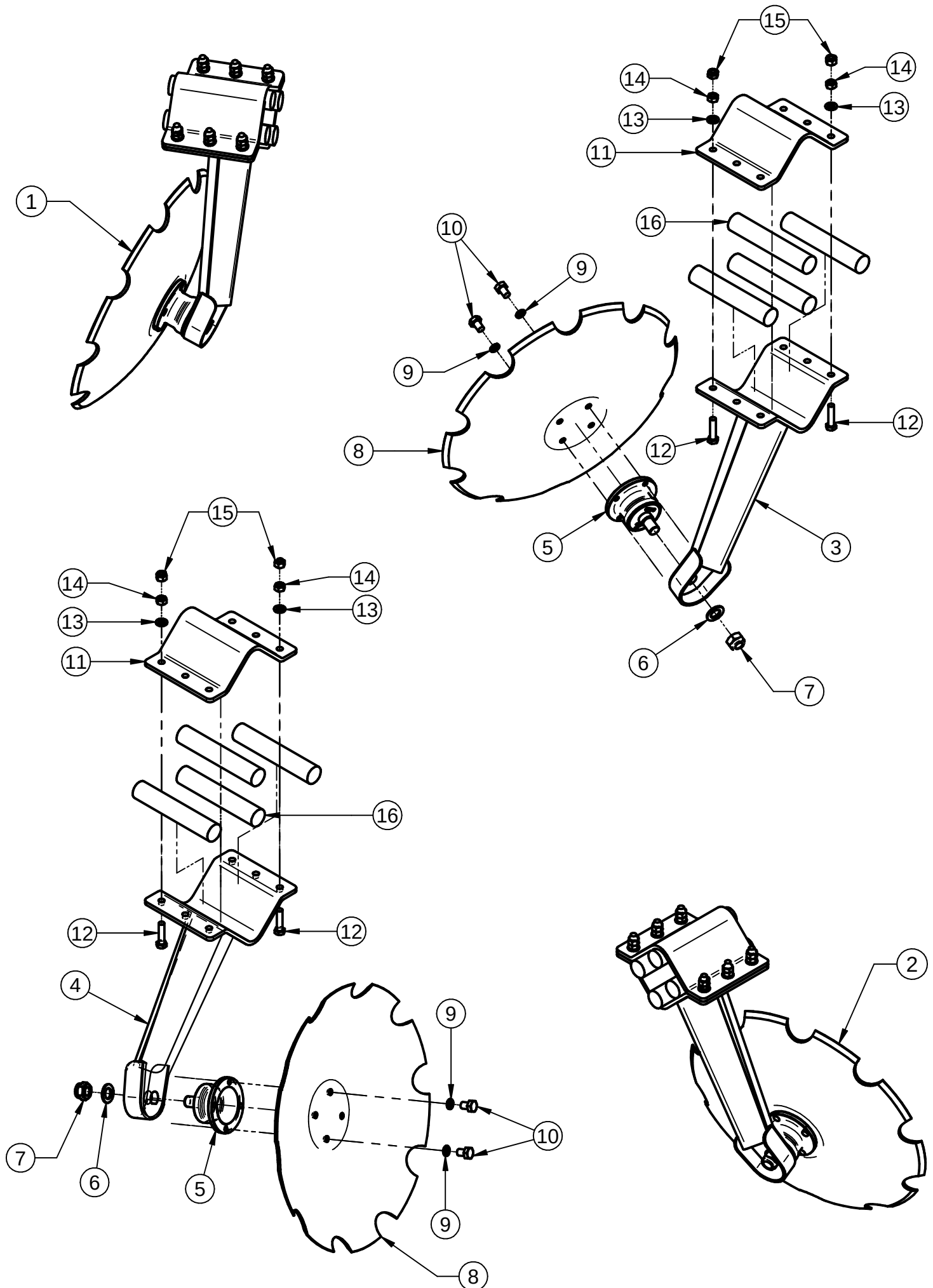
PMF CENTER UNIT AND ARM R.H & L.H			
Item No	Part No	Description	QTY
1	1602002	CENTER UNIT WA	1
2	1602003	L.H ARM PMF WA	1
3	1602004	R.H ARM PMF WA	1
4	1602037	HINGE PIN	4
5	9192001	M8 x 1 Grease Nipple	4
6	9111208	Hex Bolt M12 x 90 HT 8.8 Zn D931	4
7	9131202	Nylock Nut M12-8 Zp D982	4
8	9971002	HYDRAULIC 30 X 90 X 720	2
9	1602038	PIN DIA 30 X 192.5 L	2
10	1602039	PIN DIA 30 X 116.5 L	2
11	9111003	Hex Bolt M10 x 60 HT 8.8 Zn D931	4
12	9131004	Nylock Nut M10-8 Zp D985	4
13	1602005	ARM LOCKING PLATE-2 WA	1
14	1602036	ARM LOCK PLATE-3	1
15	9971003	HYDRAULIC CYLINDER 20 X 40 X 261	1
16	9222002	Hex Bolt M20 x 70 HT 12.9 Zn	3
17	9132004	Nylock Nut M20-8 Zp D985	3
18	9172801	Pin D 28 x 115	1
19	9170801	Linch Pin 8 x 45	6
20	9303006	Spacer ID 30.3 x 40 x 4 mm	1
21	9142002	Washer M20 Zn D125A	2
22	9170604	SPRING PIN DIN 1481 6 X 50 ST.	2
23	9173202	Pin D 32 x 120	1
24	1602006	BOTTOM LINK PIN DIA 36 WA	2
25	9979001	Top link assly CAT-2 (619-883	2
26	9172505	Pin D 25 x 100	2
27	9196001	MANUAL BOX COMPLETE	1
28	9100603	Hex Bolt M6 x 20 8.8 Zn D933	3
29	9130604	Nylock Nut M6-8 Zp D985	3
30	9193003	END CAP SQ 50 MM	4
31	9303301	Spacer ID 33 x 60 x 4 mm	1

PMF FRAME WITH TOP MAST



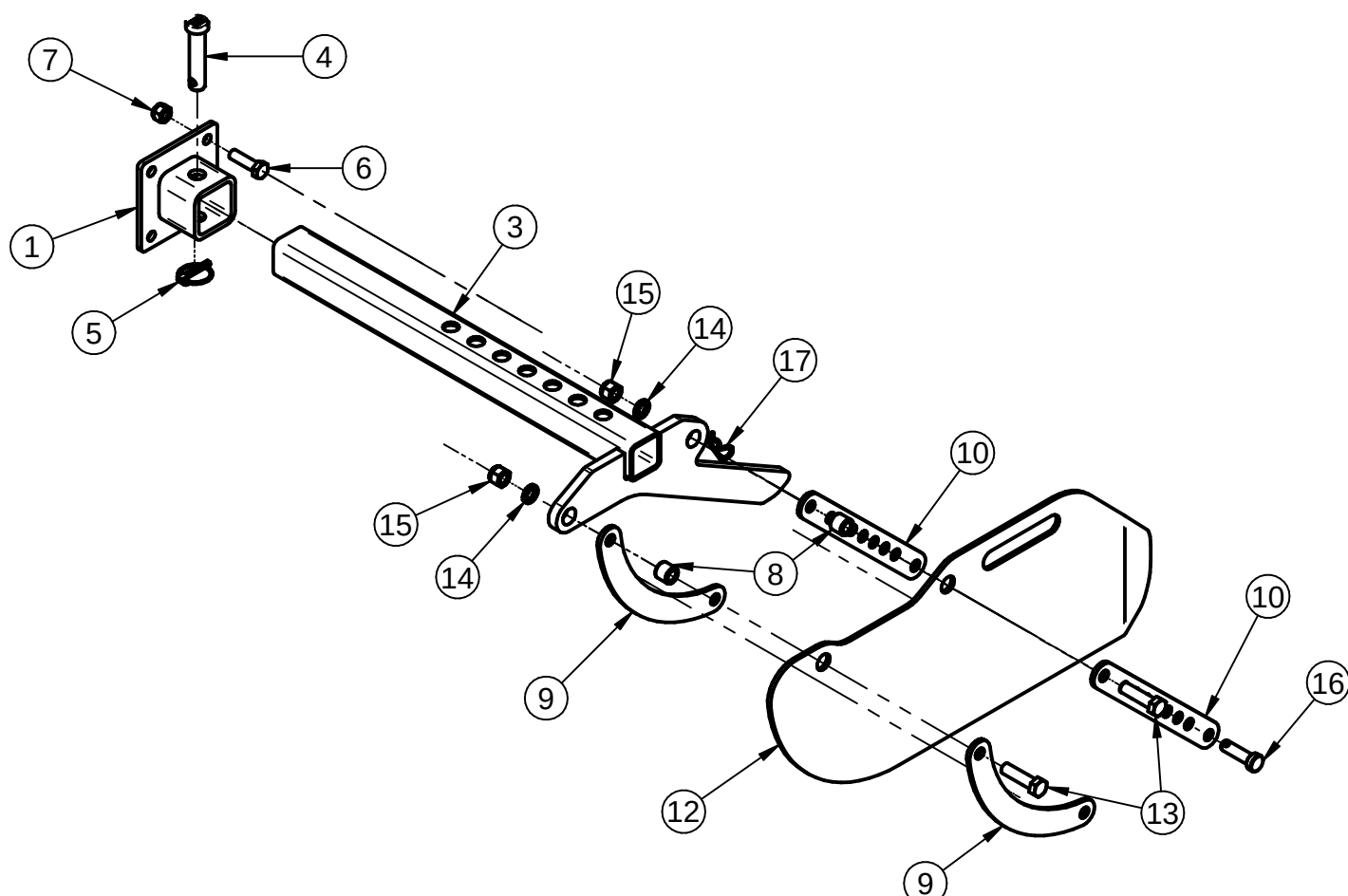
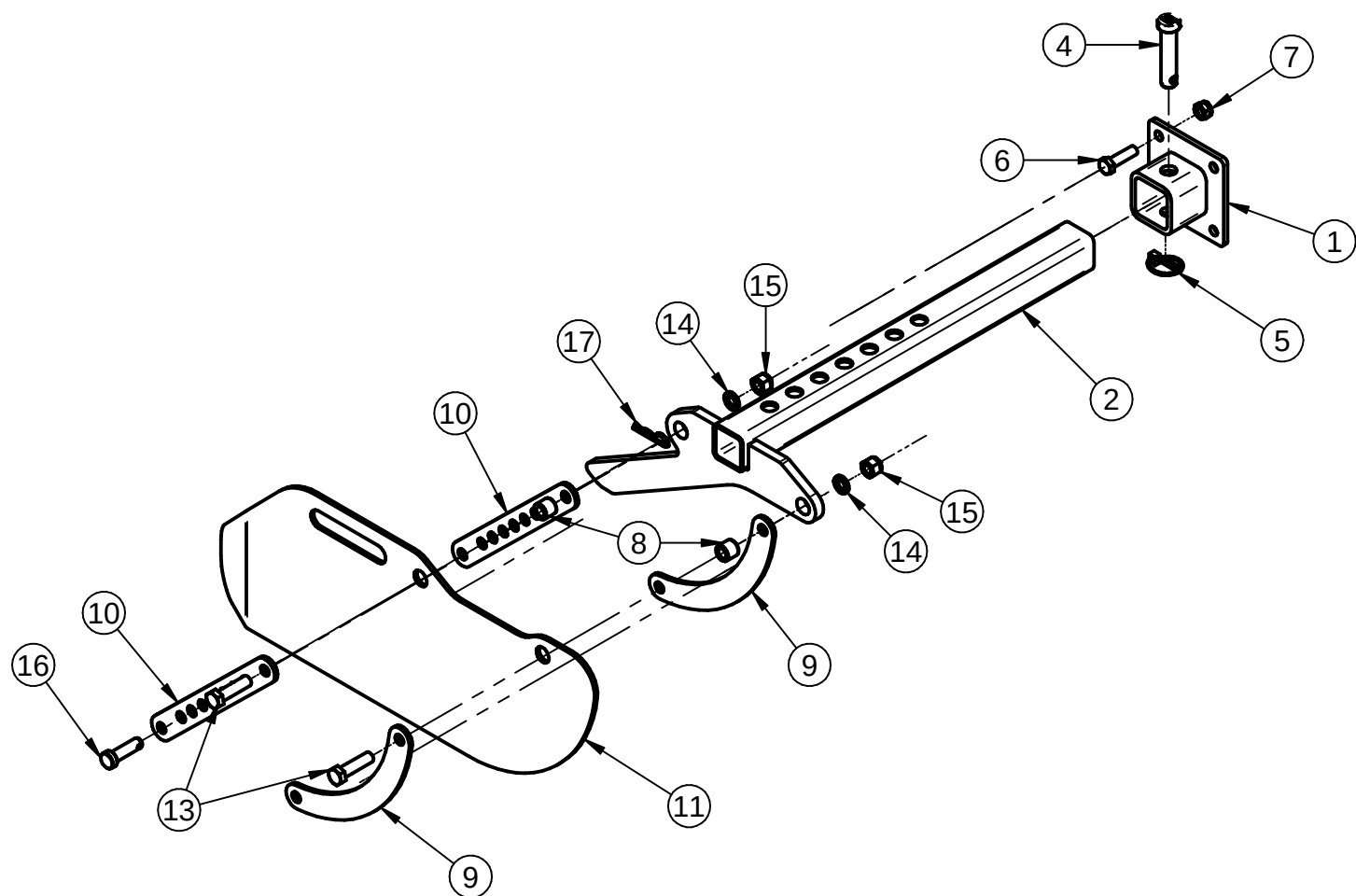
PMF FRAME WITH TOP MAST			
Item No	Part No	Description	QTY
1	1602007	DISC ROLLER FRAME FRONT L.H PMF 600	1
	1602008	DISC ROLLER FRAME FRONT L.H PMF 500	1
	1602009	DISC ROLLER FRAME FRONT L.H PMF 450	1
	1602010	DISC ROLLER FRAME FRONT L.H PMF 400	1
2	1602011	DISC ROLLER FRAME FRONT R.H PMF 600	1
	1602012	DISC ROLLER FRAME FRONT R.H PMF 500	1
	1602013	DISC ROLLER FRAME FRONT R.H PMF 450	1
	1602014	DISC ROLLER FRAME FRONT R.H PMF 400	1
3	1602015	DISC ROLLER FRAME REAR L.H PMF 600	1
	1602016	DISC ROLLER FRAME REAR L.H PMF 500	1
	1602017	DISC ROLLER FRAME REAR L.H PMF 450	1
	1602018	DISC ROLLER FRAME REAR L.H PMF 400	1
4	1602019	DISC ROLLER FRAME REAR R.H PMF 600	1
	1602020	DISC ROLLER FRAME REAR R.H PMF 500	1
	1602021	DISC ROLLER FRAME REAR R.H PMF 450	1
	1602022	DISC ROLLER FRAME REAR R.H PMF 400	1
5	1601040	RECTANGULAR WASHER	8
6	9142002	Washer M20 Zn D125A	16
7	9222002	Hex Bolt M20 x 70 HT 12.9 Zn	16
8	9132004	Nylock Nut M20-8 Zp D985	16
9	9170801	Linch Pin 8 x 45	2

FRONT AND REAR DISC UNIT 560



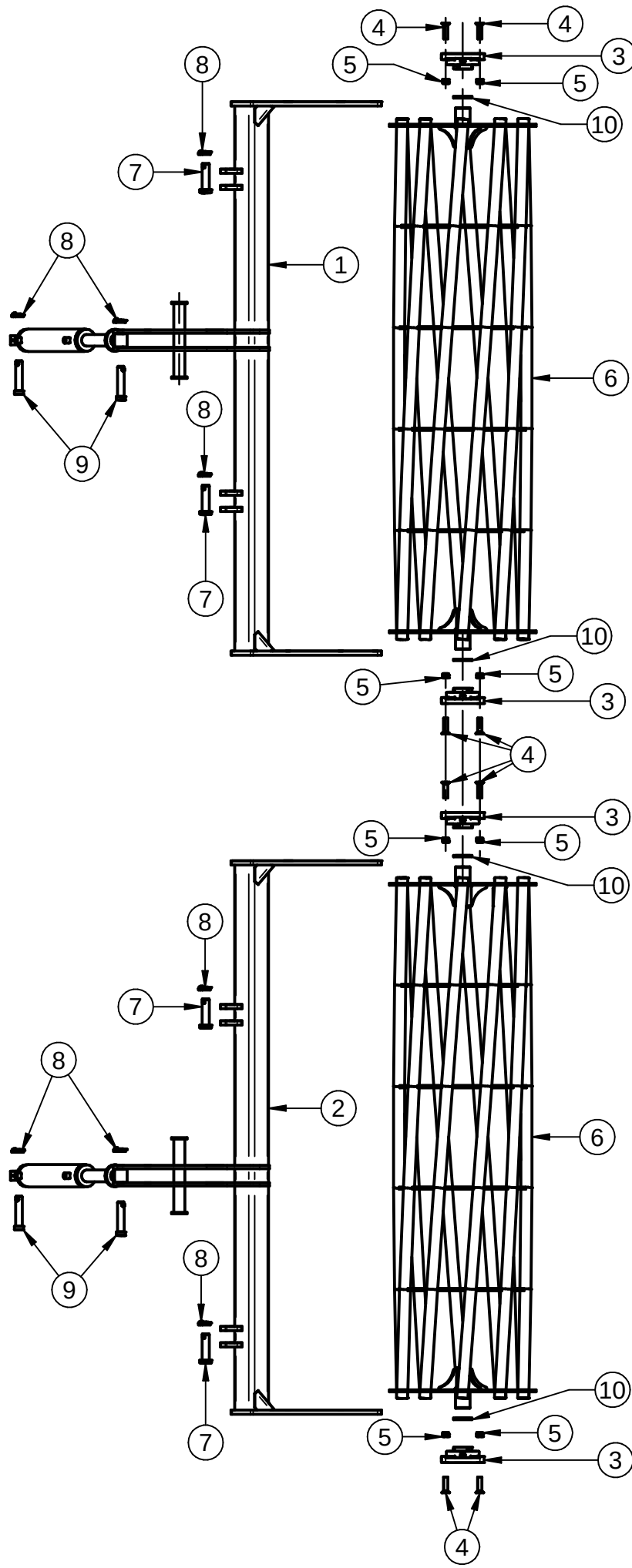
FRONT AND REAR DISC UNIT 560			
Item No	Part No	Description	QTY
1	1601006	FRONT DISC UNIT 560 COMPLETE	(16-18-20-24)
		(PMF 400-PMF 450-PMF 500-PMF 600)	
2	1601005	REAR DISC UNIT 560 COMPLETE	(16-18-20-24)
		(PMF 400-PMF 450-PMF 500-PMF 600)	
3	1601017	FRONT DISC FLAT WA	1
4	1601016	REAR DISC FLAT WA	1
5	9159002	BAA-0004 Agri hub bearing	1
6	9142202	Washer M22 Zn D125A	1
7	9132205	Nylock Nut M22 X 1.5 -8 Zp D985	1
8	1601002	DISC OD 560 X 5 THK X 98 PCD X 10 NOTCH	1
9	9141201	Spring Washer M12 Zn D127	4
10	9121201	Hex Bolt M12 x 1.25P x 20 8.8 Zn D961	4
11	1601044	DISC ROLLER V BRACKET COMPLETE	1
12	9101209	Hex Bolt M12 x 50 8.8 Zn D933	6
13	9141202	Washer M12 Zn D125A	6
14	9131201	Hex Nut M12-8 Zp D934	6
15	9131204	Nylock Nut M12-8 Zp D985	6
16	1601003	RUBBER BAR FOR DISC HARROW	4

SIDE GUARD R.H & L.H



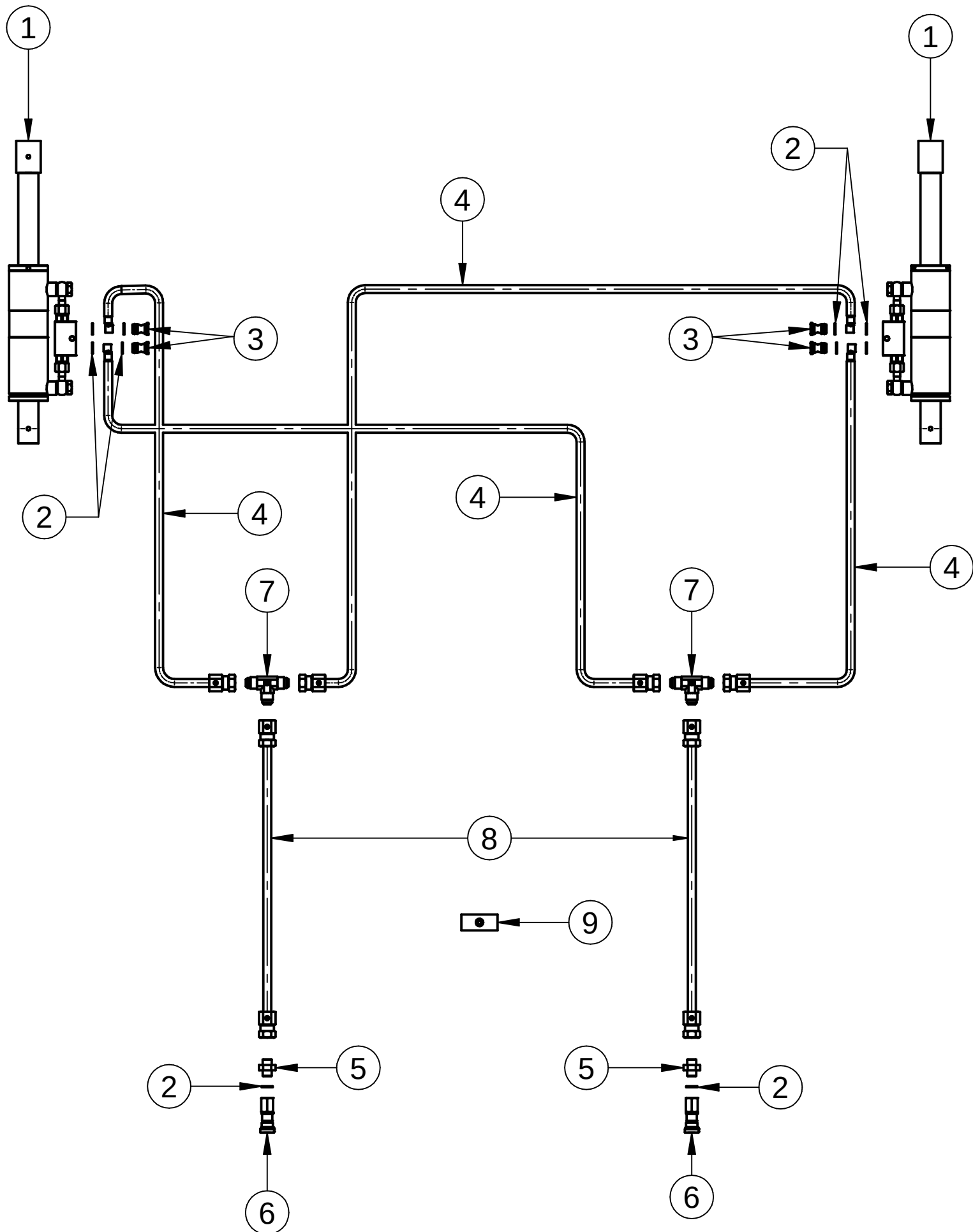
SIDE GUARD R.H & L.H			
Item No	Part No	Description	QTY
1	1601033	SIDE GUARD SUPPORT PIPE WA	1
2	1601034	PIPE FOR SIDE GAURD ADJUSTMENT WA L.H	1
3	1601035	PIPE FOR SIDE GAURD ADJUSTMENT WA R.H	1
4	9172203	Pin D 22 x 100	1
5	9170801	Linch Pin 8 x 45	1
6	9111401	Hex Bolt M14 x 50 HT 8.8 Zn D931	4
7	9131404	Nylock Nut M14-8 Zp D985	4
8	9301607	Bush ID 16.5 x 25 x 22 mm	4
9	1601037	SIDE GUARD CLAMPING PLATE FRONT	2
10	1601036	SIDE GUARD CLAMPING PLATE BACK	2
11	1601038	SIDE GUARD L.H	1
12	1601039	SIDE GUARD R.H	1
13	9111601	Hex Bolt M16 x 60 HT 8.8 Zn D931	4
14	9141601	Spring Washer M16 Zn D127	4
15	9131604	Nylock Nut M16-8 Zp D982	4
16	9171605	Pin D 16 x 55	1
17	9170401	R Pin D4 x 60 Zp	1

PMF TUBE ROLLER COMPLETE OD560 HYDRAULIC



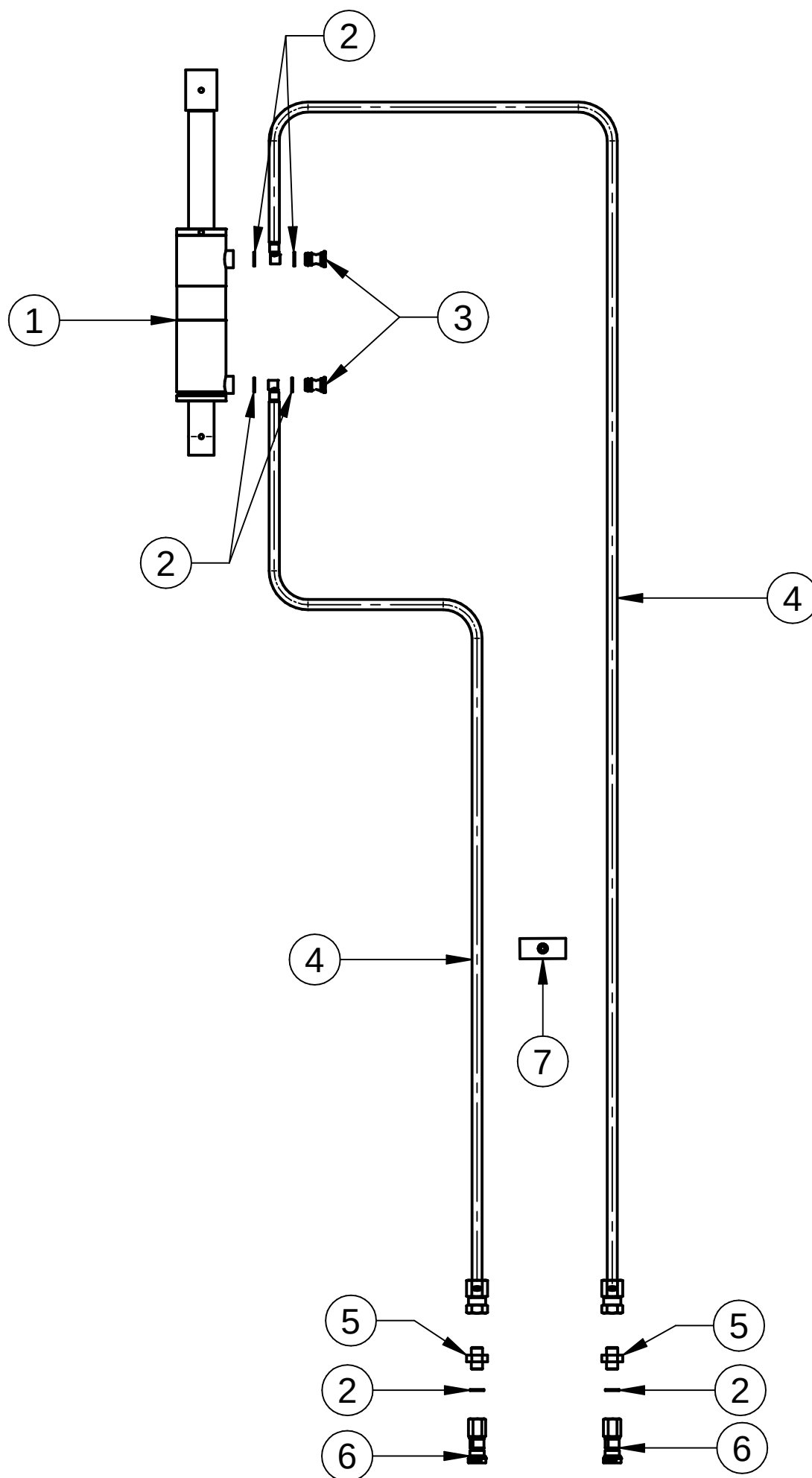
PMF TUBE ROLLER COMPLETE OD560 HYDRAULIC				
Item No	Part No	Description		QTY
1	1602023	TUBE ROLLER FRAME L.H PMF 600		1
	1602024	TUBE ROLLER FRAME L.H PMF 500		1
	1602025	TUBE ROLLER FRAME L.H PMF 450		1
	1602026	TUBE ROLLER FRAME L.H PMF 400		1
2	1602027	TUBE ROLLER FRAME R.H PMF 600		1
	1602028	TUBE ROLLER FRAME R.H PMF 500		1
	1602029	TUBE ROLLER FRAME R.H PMF 450		1
	1602030	TUBE ROLLER FRAME R.H PMF 400		1
3	9158008	UCF 211		4
4	9081605	Hex Socket CSK Head cap screw M16 x 60 Zp D7991		16
5	9131604	Nylock Nut M16-8 Zp D985		16
6	1602032	PMF 400	TUBE ROLLER OD 560 PMF 400	2
	1602031	PMF 450	TUBE ROLLER OD 560 PMF 450	2
	1601029	PMF 500	TUBE ROLLER OD 560 PM 250 WA	2
	1601030	PMF 600	TUBE ROLLER OD 560 PM 300 WA	2
7	9172807	Pin D 28 x 100		4
8	9170801	Linch Pin 8 x 45		8
9	9172506	Pin D 25 x 115		4
10	9305601	SPACER ID 56 X OD 70 X 6 THK		4

HYDRAULIC SYSTEM PMF MAIN CYLINDER



HYDRAULIC SYSTEM PMF MAIN CYLINDER			
Item No	Part No	Description	QTY
1	9971002	Hydraulic cylinder (30 X 90 X 720) stroke 470mm	2
2	9975002	DOWTY SEAL 3/8	10
3	9975004	BANJO BOLT 3/8	4
4	9973018	3/8 HOSE PIPE 3/8 NUT X 3/8 BANJO-1100 L	4
5	9975008	NIPPLE MALE 3/8	2
6	9975005	QRC MALE 3/8	2
7	9975006	T-UNION MALE 3/8	2
8	9972002	3/8 HOSE PIPE 3/8 NUT X 3/8 NUT-2200 L	2
9	9975028	Hose pipe D 19 mm clamp double	1

HYDRAULIC SYSTEM PMF ARM LOCK



HYDRAULIC SYSTEM PMF ARM LOCK			
Item No	Part No	Description	QTY
1	9971003	Hydraulic cylinder (20 X 40 X 261) stroke 70mm	1
2	9975002	DOWTY SEAL 3/8	6
3	9975004	BANJO BOLT 3/8	2
4	9973008	3/8 HOSE PIPE 3/8 NUT X 3/8 BANJO-2200 L	2
5	9975008	NIPPLE MALE 3/8	2
6	9975005	QRC MALE 3/8	2
7	9975028	Hose pipe D 19 mm clamp double	1

The diagram illustrates a closed-loop hydraulic system. At the top, two vertical cylinders (actuators) are connected to a central manifold. Each cylinder has a single line (1) leading to a valve (2). The manifold consists of two horizontal sections (4) and two vertical sections (4). A central pump/motor unit (5) is connected to the vertical sections. The pump/motor unit has four ports (2) and a central port (5) labeled 'A'. A pressure relief valve (7) is connected to the manifold. A detail view 'DETAIL A' shows a close-up of the pump/motor unit (10) with its ports (11, 12, 13) and a pressure relief valve (9). The system is labeled with various components: 1 (cylinder), 2 (valve), 3 (manifold), 4 (line), 5 (pump/motor unit), 6 (pump/motor unit), 7 (pressure relief valve), 8 (line), 9 (pressure relief valve), 10 (pump/motor unit), 11 (port), 12 (port), 13 (port).

Item No	Part No	Description	QTY
1	9971001	Hydraulic cylinder (25.5 X 75 X 555) stroke 195mm with check valve	2
2	9975002	DOWTY SEAL 3/8	13
3	9975004	BANJO BOLT 3/8	4
4	9973004	3/8 HOSE PIPE 3/8 NUT X 3/8 BANJO-1800 L	4
5	9975008	NIPPLE MALE 3/8	5
6	9975005	QRC MALE 3/8	2
7	9975006	T-UNION MALE 3/8	1
8	9972003	3/8 HOSE PIPE 3/8 NUT X 3/8 NUT-2400 L	2
9	9975028	Hose pipe D 19 mm clamp double	3
10	9975026	FLOW DIVIDER 10 TO 20 LPM PORT SIZE 3/8	1
11	9100609	Hex Bolt M6 x 60 8.8 Zn D933	3
12	9140601	Spring Washer M6 Zn D127	3
13	9130604	Nylock Nut M6-8 Zp D985	3