

SECTION 3 PARTS MANUAL FOR NEW WAY SIDEWINDER



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8-16-2017



DRIVING THE DIFFERENCE

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SIDEWINDER PARTS MANUAL

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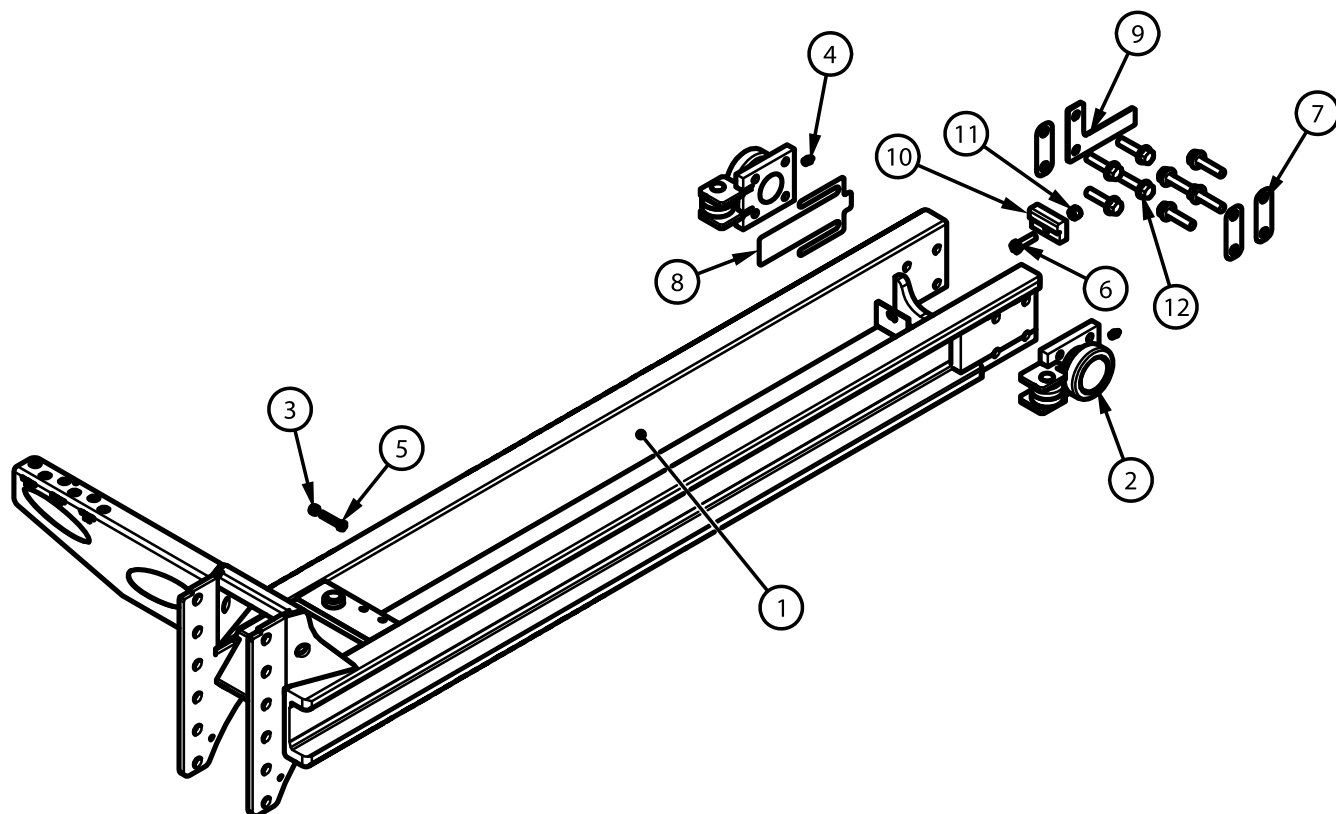


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SECTION 3-1

ARM PARTS MANUAL

127173 - CENTER SECTION



Item No.	Part Number	Description	Qty
1	121962	WLDT, HORZ, MAST, CENTER, AMSL	1
2	121964	WLDT, BEARING, CENTER, 3.061, ASL	2
3	104654	NUT-HEX, NYLOK, .375-16, ZN	1
4	107154	ZERK, GREASE, .125 NPT	2
5	120094	BOLT, HHCS, .375-16X2, Z5	1
6	120944	BOLT, HHCS, .5-13X1.75, GR 5	1
7	122021	PLATE, BOLT RETAINER, LG, AMSL	3
8	122023	PLATE SHIM LARGE	1
9	122066	PLATE, HORZ, BEARING SPACER	1
10	122081	UHMW, HORZ, INNER, BUMPER	1
11	122420	NUT-NYLOCK, .5-13, ZN	1
12	122587	BOLT-SFS, .625-11X2.5, ZN	8

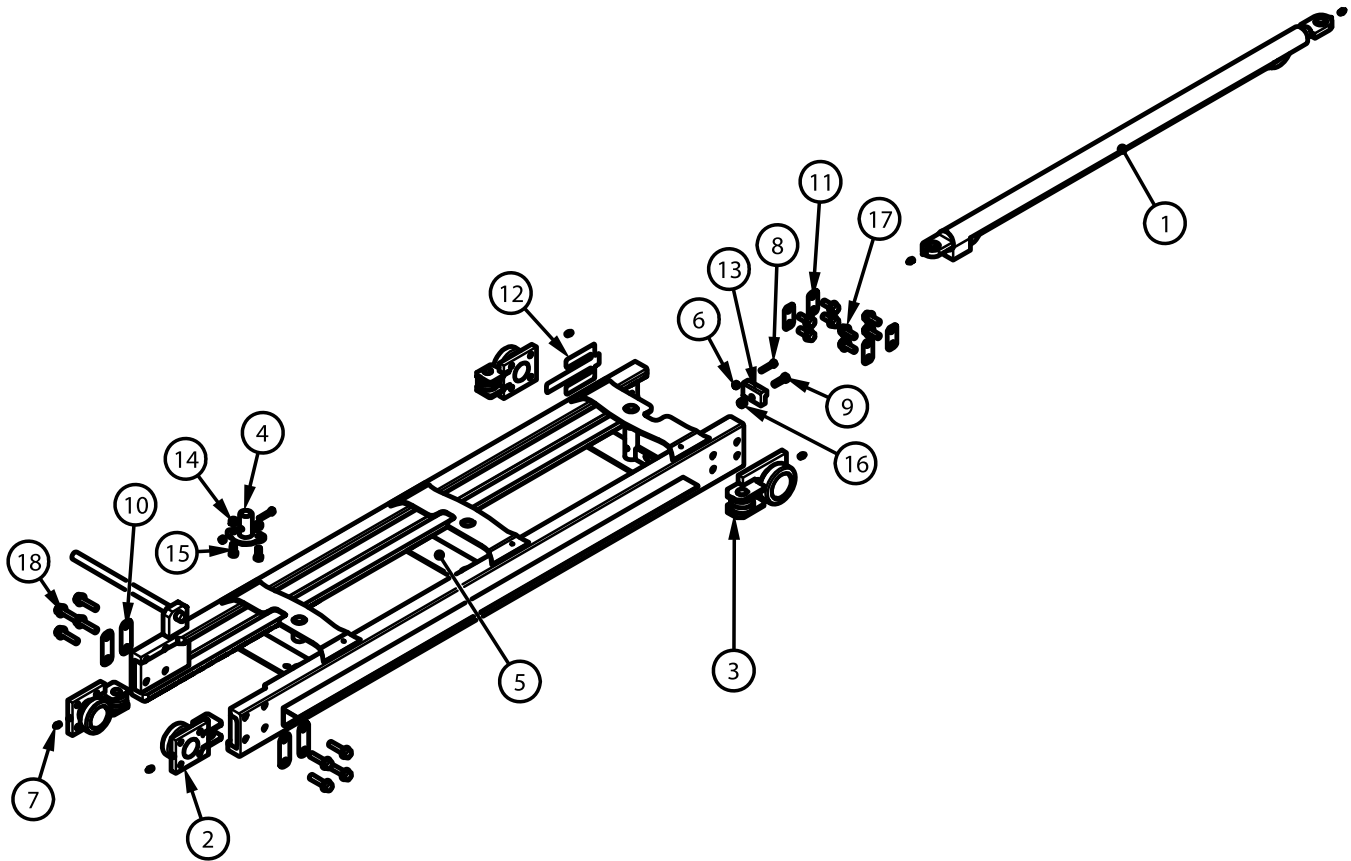


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SECTION 3-1

ARM PARTS MANUAL

127173 - INNER SECTION



Item No.	Part Number	Description	Qty
1	118612	CYL, 2.0 X54.0X64.79, HORZ.MAST	1
2	121964	WLDT, BEARING, CENTER, 3.061, ASL	3
3	121966	WLDT, BEARING, RT, 3.062, ASL	1
4	122080	BUSHING, HORZ, EXT CYL, LOWER	1
5	122630	WLDT, HORZ, MAST, INNER, ASL	1
6	104654	NUT-HEX, NYLOK, .375-16, ZN	2
7	107154	ZERK, GREASE, .125 NPT	6
8	120094	BOLT, HHCS, .375-16X2, Z5	2
9	120944	BOLT, HHCS, .5-13X1.75, GR 5	1
10	122021	PLATE, BOLT RETAINER, LG, AMSL	4
11	122022	PLATE, BOLT RETAINER, SM, AMSL	4
12	122024	PLT, SHIM, SMALL, ASL	1
13	122081	UHMW, HORZ, INNER, BUMPER	1
14	122297	NUT-HEX, .5-13, ZN&YELLOW	2
15	122347	BOLT-HHCS, .5-13X1.25, GR8, ZN	2
16	122420	NUT-NYLOCK, .5-13, ZN	1
17	122586	BOLT-SFS, .625-11X1.5, ZN	8
18	122587	BOLT-SFS, .625-11X2.5, ZN	8

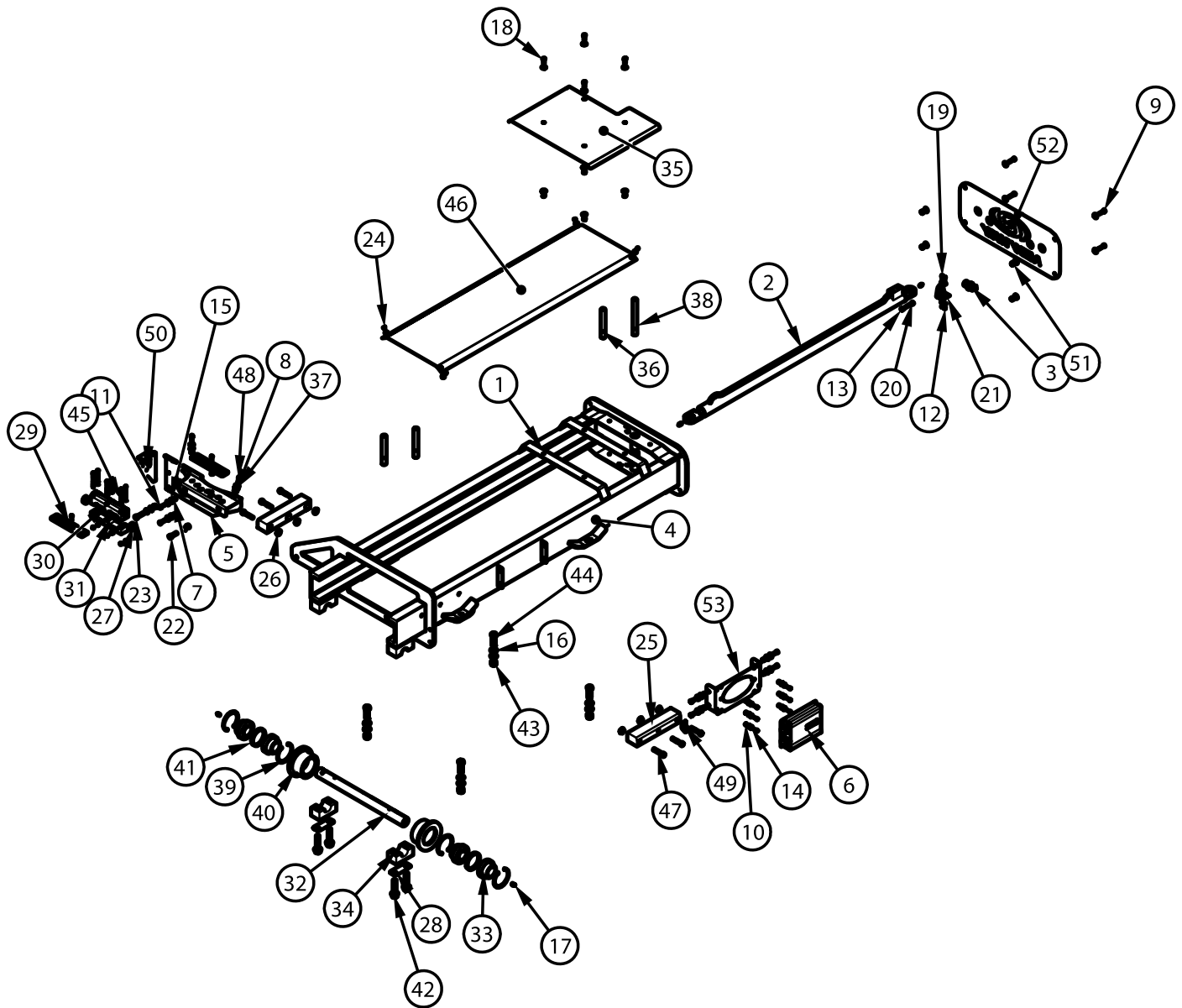


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SECTION 3-1

ARM PARTS MANUAL

127173 - OUTER SECTION





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SECTION 3-1

ARM PARTS MANUAL

127173 - OUTER SECTION

Item No.	Part Number	Description	Qty
1	101021	CLAMP, WELD MNT, .5 TWIN	2
2	118612	CYL, 2.0 X54.0X64.79, HORZ.MAST	1
3	120780	PROX, 24" LEAD, 30MM range, FL	1
4	121961	WLDT, HORZ, MAST, MAIN, AMSL	1
5	126665	WLDT,BOLT ON ARM VALVE PLATE,ASL	1
6	126699	CONTROLLER,DOT_PDU,CAN BUS	1
7	100493	NUT-HEX-LOCK-REV, .375-16, ZN	11
8	100499	NUT-HEX-LOCK-REV, .5-13, ZN	3
9	100804	BOLT-HHCS,.375-16X1.5, GR5	4
10	101970	NUT-HEX-LOCK-REV, .25-20, ZN	6
11	102942	BOLT-HHCS,.375-16X1.25,GR 5,ZN	3
12	104653	NUT-HEX, NYLOK, .25-20, ZN	10
13	104654	NUT-HEX, NYLOK, .375-16, ZN	1
14	104666	WASHER, FLAT, .25, ZN	20
15	104667	WASHER, FLAT, .375, ZN	30
16	107081	WASHER, FLAT, .75, THRU HARD, ZN-CR	8
17	107154	ZERK,GREASE, .125 NPT	4
18	112392	BOLT-HHCS,.375-16X1, GR5, ZINC	8
19	119450	BOLT-HHCS,.25-20X1 GR 5, ZN	10
20	120094	BOLT, HHCS, .375-16X2, Z5	1
21	120860	BRKT, MTG, PROX, 30MM	1
22	120944	BOLT, HHCS,.5-13X1.75, GR 5	1
23	121464	BOLT-HHCS, .5-13X2.0, GR5	1
24	121574	BOLT, HHCS, .25-20X.5, GR5	4
25	122016	UHMW, HORZ, MAST, WEAR BLOCK	2
26	122019	NUT, TEE NUT, .5-13	6
27	122034	BUSHING, INNER, HOSE CARRIER	2
28	122042	PLATE, BOLT RETAINER, LARGE	2
29	122055	PLATE, BULKHEAD FTG. RETAINER	2
30	122059	UHMW, HOSE CARRIER, TOP, AMSL	1
31	122062	UHMW, HOSE CARRIER, BTM, AMSL	1
32	122069	SHAFT, MAST ROLLER, AMSL	1
33	122072	BEARING, HORZ, MAST, ROLLER, A	4
34	122076	PLATE, ROLLER BLOCK, BOTTOM	2
35	122077	GUARD, HORZ, MAST, TOP, AMSL	1
36	122079	SHAFT, HORZ, EXT CYL, FRONT	3
37	122196	WASHER-FLAT, .5, ZN	6
38	122343	SHAFT, CYL PIN, ASL	1
39	122450	SNAP RING, 4.424, AMSL	4
40	122461	LIGHT ROLLER, AMSL	2
41	122462	BUSHING, LIGHT ROLLER, AMSL	2
42	122585	BOLT-SFS, .75-10X3.5, ZN	4
43	122607	NUT-NYLOCK, .75-10, GR8, YZN	4
44	122623	BOLT-HHCS, .75-10X2.5 GR8 ZN	4
45	122626	BOLT-HHCS, .25-20X3.5, GR5, ZN	6
46	122631	GUARD, HORZ, INNER, AMSL	1
47	123205	BOLT-HHCS, .5-13 X 2.75, GR5, ZN	6
48	123765	BOLT-HHCS, .5-13X1.25, GR5, ZN	1
49	125370	FORMED, P CLAMP MOUNT,ARM,ASL	1
50	126196	FORMED,ARM VALVE GUSSET,BOLT ON, ASL	1
51	126280	NUT-HEX,NYLOCK,.4375-14,GR5,ZN	4
52	126663	PLATE, HORZ, END CAP, ASL	1
53	128857	FORMED,CONTROLLER MNT,CAN BUS	1

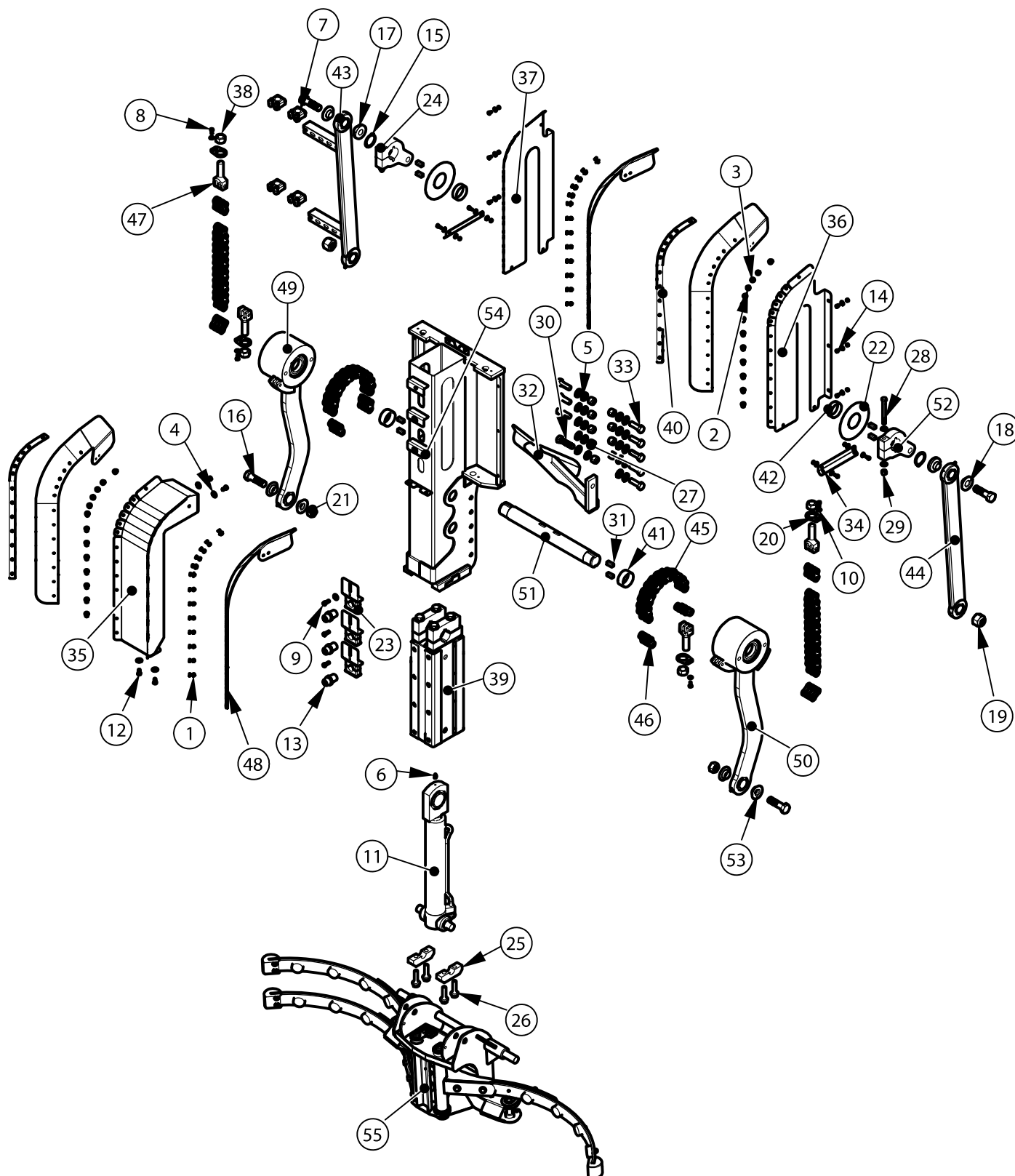


DRIVING THE DIFFERENCE

SECTION 3-1

ARM PARTS MANUAL

132265 - STD VERTICAL MAST





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SECTION 3-1

ARM PARTS MANUAL

132265 - STD VERTICAL MAST

Item No.	Part Number	Description	Qty
1	101970	NUT-HEX-LOCK-REV, .25-20, ZN	62
2	102917	BOLT, HHCS, .25-20X.75, GR5,ZN	56
3	104666	WASHER, FLAT, .25, ZN	66
4	104667	WASHER, FLAT, .375, ZN	7
5	107081	WASHER, FLAT, .75, THRU HARD, ZN-CR	20
6	107154	ZERK, GREASE, .125 NPT	1
7	107693	CLAMP, STRUT MOUNT, 1" TUBE	4
8	111418	BOLT, HHCS, .312-18X1.0, GR5	4
9	112392	BOLT-HHCS,.375-16X1, GR5, ZINC	3
10	113582	WASHER,FLAT,.3125, ZINC	4
11	118615	CYL, 3X16X2X25.25 VERT	1
12	120067	BOLT, HHCS, .375-16X.75, Z5	4
13	120780	PROX, 24" LEAD, 30MM range, FL	3
14	121574	BOLT, HHCS, .25-20X.5, GR5	6
15	121988	SNAP RING, 2.25, AMSL	2
16	122005	BOLT-HHCS, 1-14X3.5, GR5	4
17	122006	BUSHING, LARGE, .5, AMSL	2
18	122008	BUSHING, SMALL, .313, AMSL	2
19	122009	NUT, NYLOCK, 1.25-12, GR8	2
20	122010	PLATE, RETAINER, CHAIN TENSION NUT, ASL	4
21	122015	NUT-HEX, DISTORTED 1-14, GRC	2
22	122027	UHMW, VERT, ROLLER SPACER	2
23	122084	BRKT, PLASTIC CLAMP MNT, AMSL	3
24	122296	WASHER-FLAT, 1.063X.531, ZN	4
25	122353	PLATE, VERT CYL, SHAFT CAP	2
26	122587	BOLT-SFS, .625-11X2.5, ZN	4
27	122607	NUT-NYLOCK, .75-10, GR8, YZN	10
28	122616	BOLT-HHCS, .5-13X5, GR5, ZN	2
29	122617	NUT-NYLOCK, .5-13, GR8, YZN	2
30	122622	BOLT-HHCS, .75-10X3, GR8, ZN	1
31	122627	KEY STOCK, .5X.5X1.25	8
32	122752	WLDT, HOSE DEFLECTOR, ASL	1
33	123431	BOLT-HHCS,.75-10X2.25 GR8 ZN	9
34	123914	FORMED, CHAIN GUARD STRAP, ASL	2
35	124249	WLDT, CENTER COVER, 96 GRIPPER, ASL	1
36	124250	GUARD, RT, OUTER, LIFT CHAIN, AMSL	1
37	124251	GUARD, LF, OUTER, LIFT CHAIN, ASL	1
38	126690	NUT-HEX, 1-14, GR5, ZN	4
39	127171	ASSY, VERT, MAST, INNER, ASL	1
40	127721	FORMED, GUARD WASHER STRIP, ASL	4
41	130349	BUSHING, VERT, INNER, SPACER	2
42	130350	BUSHING, VERT, OUTER, SPACER	2
43	131211	ASSY, LF, CONTROL ARM, ASL	1
44	131212	ASSY, RT, CTRL ARM, ASL	1
45	132495	ASSY, LEAF CHAIN, VERT, ASL, BL1066, TSUBAKI	4
46	132496	ASSY, LEAF CHAIN CONNECTOR, BL1066, ASL	8
47	132497	CHAIN TENSIONER, ASL, 300	4
48	132498	RUBBER, VERTICAL LIFT, LEFT, ASL	4
49	132499	WLDT, LF, GRIPPER ARM, AMSL	1
50	132510	WLDT, RT, GRIPPER ARM, AMSL	1
51	132512	SHAFT, VERT, LIFT SHAFT, 96, BL1066, ASL	1
52	132513	VERT, LIFT ROCKER ARM, AMSL	2
53	132514	BUSHING, SMALL, .313, AMSL	4
54	132519	WLDT, VERT, MAST, MAIN, ASL	1
55	132526	ASSY, GRIPPER HEAD, AMSL	1

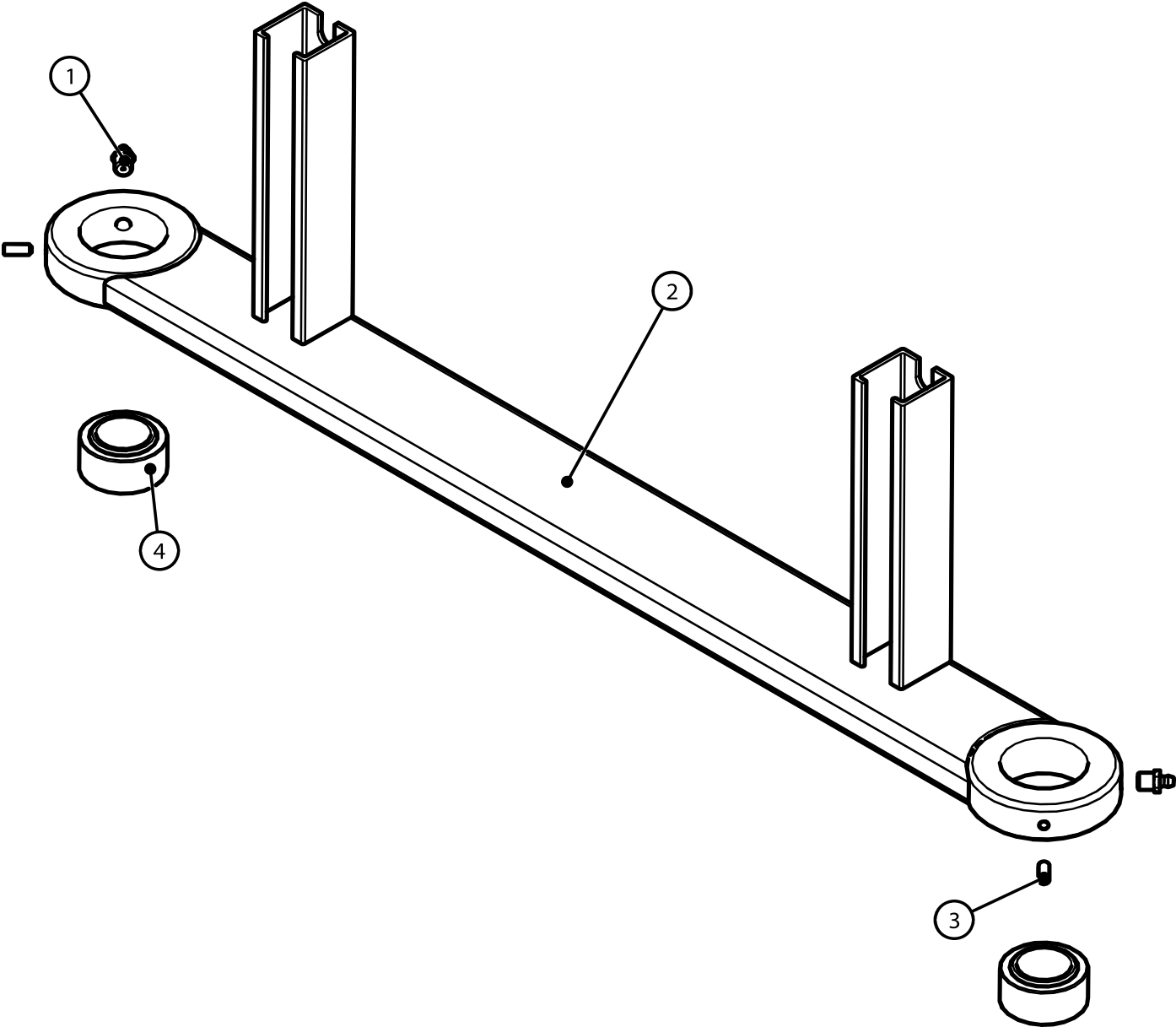


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SECTION 3-1

ARM PARTS MANUAL

131211 - LEFT CONTROL ARM



Item No.	Part Number	Description	Qty
1	107154	ZERK,GREASE, .125 NPT	2
2	121971	WLDT, LF, CONTROL ARM, AMSL	1
3	122083	SETSCREW, SHSS, .25-20 X .625	2
4	122208	BEARING, BALL JOINT, 2", ASL	2

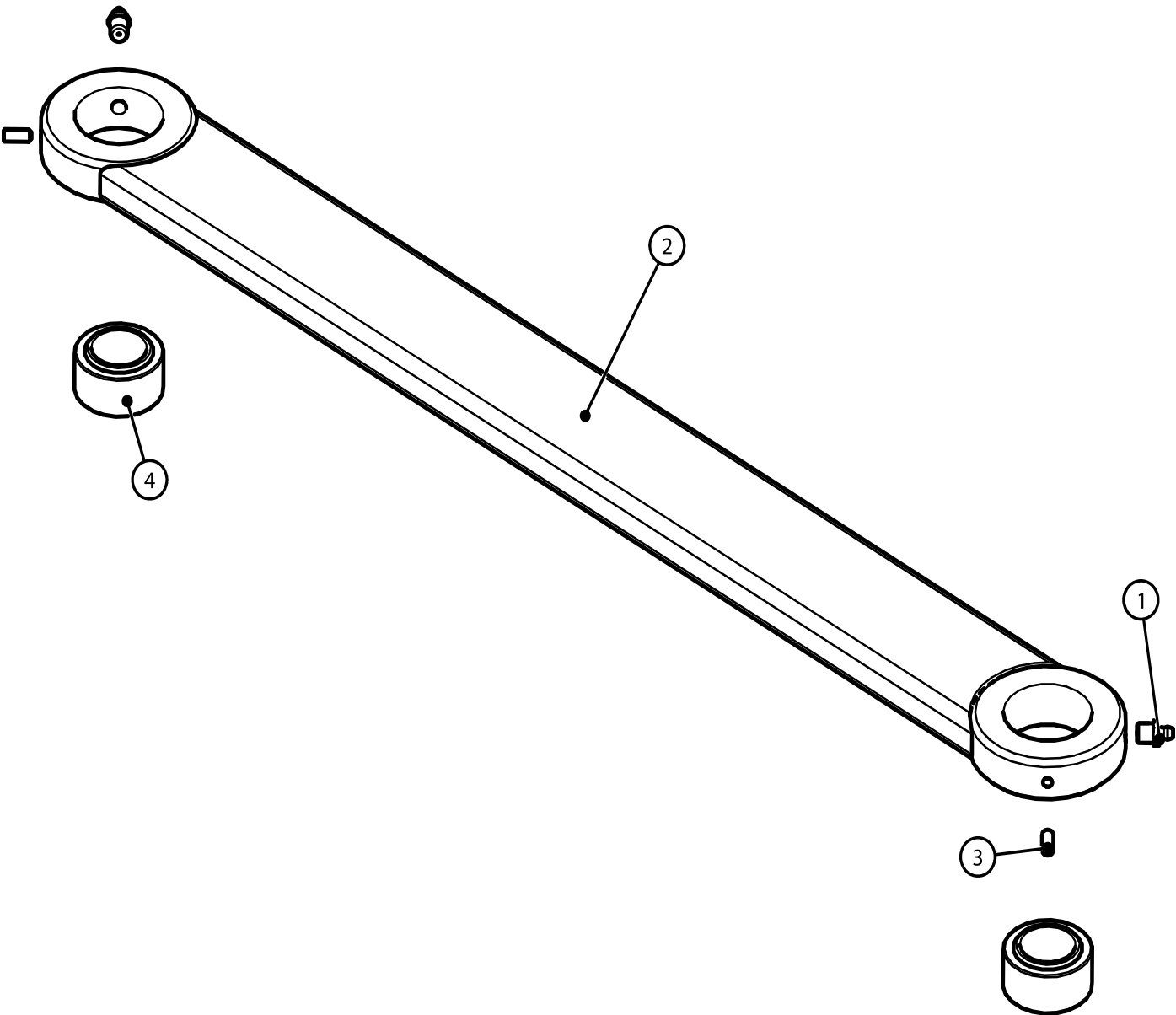


DRIVING THE DIFFERENCE

SECTION 3-1

ARM PARTS MANUAL

131212 - RIGHT CONTROL ARM



Item No.	Part Number	Description	Qty
1	107154	ZERK,GREASE, .125 NPT	2
2	121972	WLDT, RT, CONTROL ARM, AMSL	1
3	122083	SETSCREW, SHSS, .25-20 X .625	2
4	122208	BEARING, BALL JOINT, 2", ASL	2

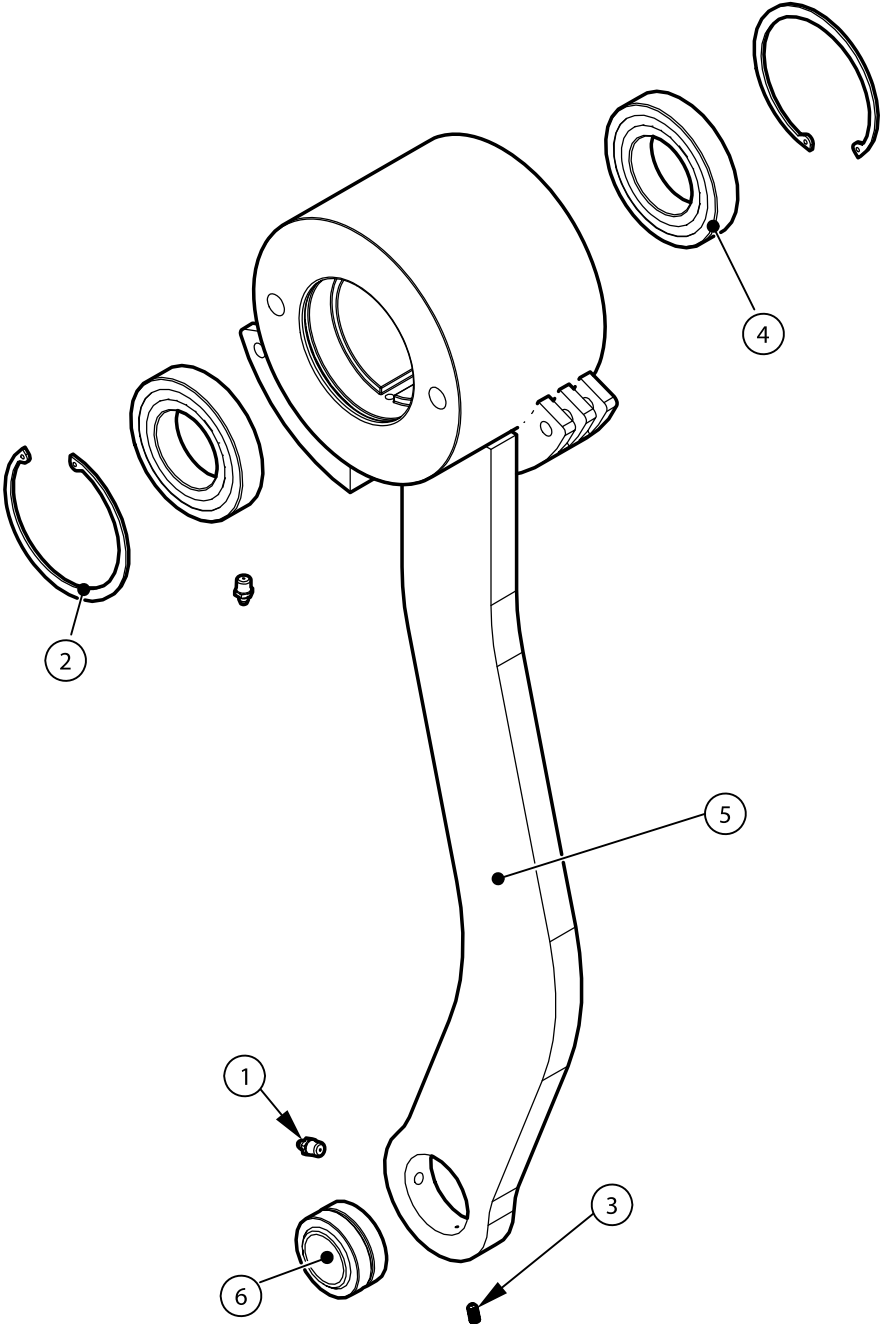


DRIVING THE DIFFERENCE

SECTION 3-1

ARM PARTS MANUAL

132499 - STD LEFT LIFT ARM



Item No.	Part Number	Description	Qty
1	107154	ZERK,GREASE, .125 NPT	2
2	122205	SNAP-RING, 4.691, AMSL	2
3	122209	SHSS, CUP, .25-28X.5	1
4	122455	BEARING, 60 I.D., 110 O.D.	2
5	132500	WLDT,LF,GRIPPER ARM,96,BL1066,ASL	1
6	132509	SPHERICAL,BEARING,BALL JOINT,2.437IN,ASL	1

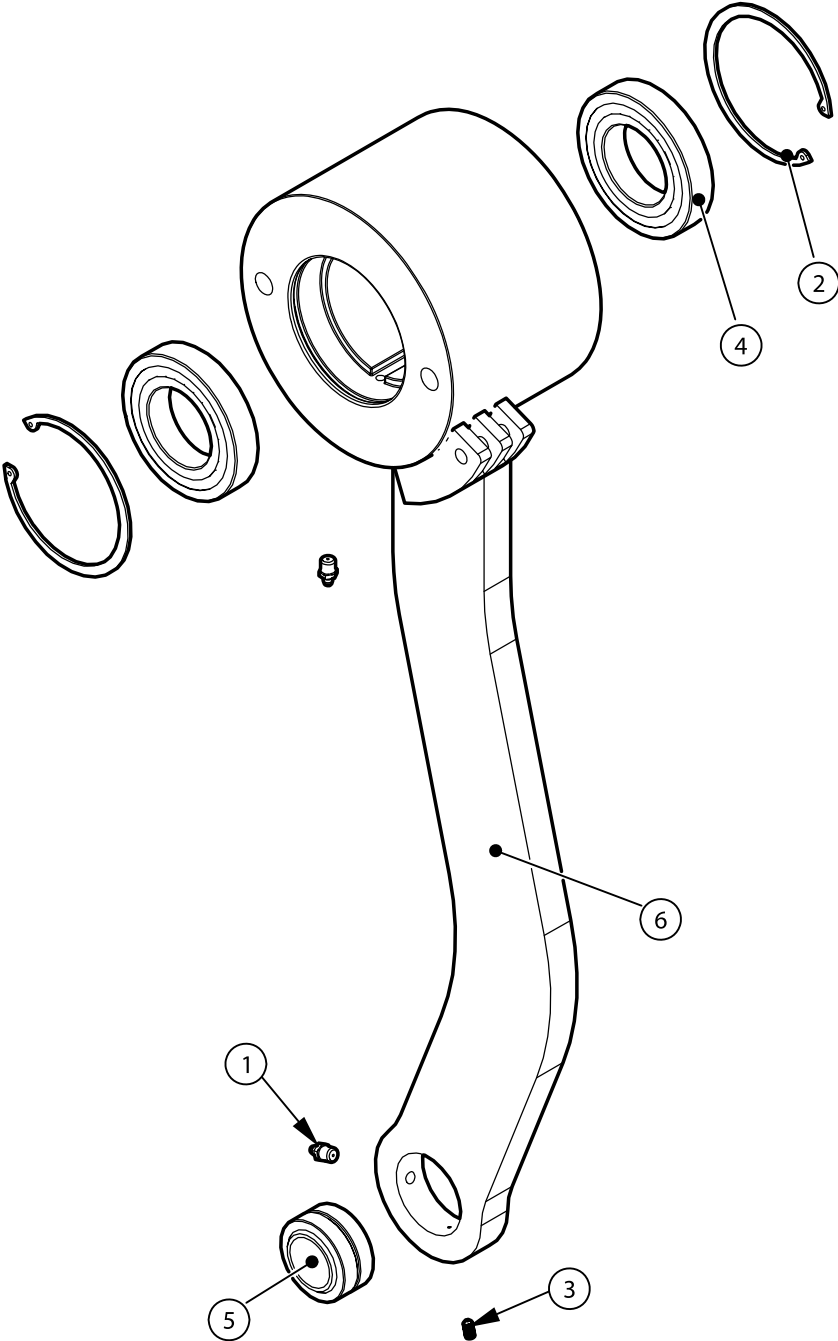


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SECTION 3-1

ARM PARTS MANUAL

132510 - STD RIGHT LIFT ARM



Item No.	Part Number	Description	Qty
1	107154	ZERK,GREASE, .125 NPT	2
2	122205	SNAP-RING, 4.691, AMSL	2
3	122209	SHSS, CUP, .25-28X.5	1
4	122455	BEARING, 60 I.D., 110 O.D.	2
5	132509	SPHERICAL,BEARING,BALL JOINT,2.437IN,ASL	1
6	132511	WLDT,RT,GRIPPER ARM,96,BL1066,ASL	1

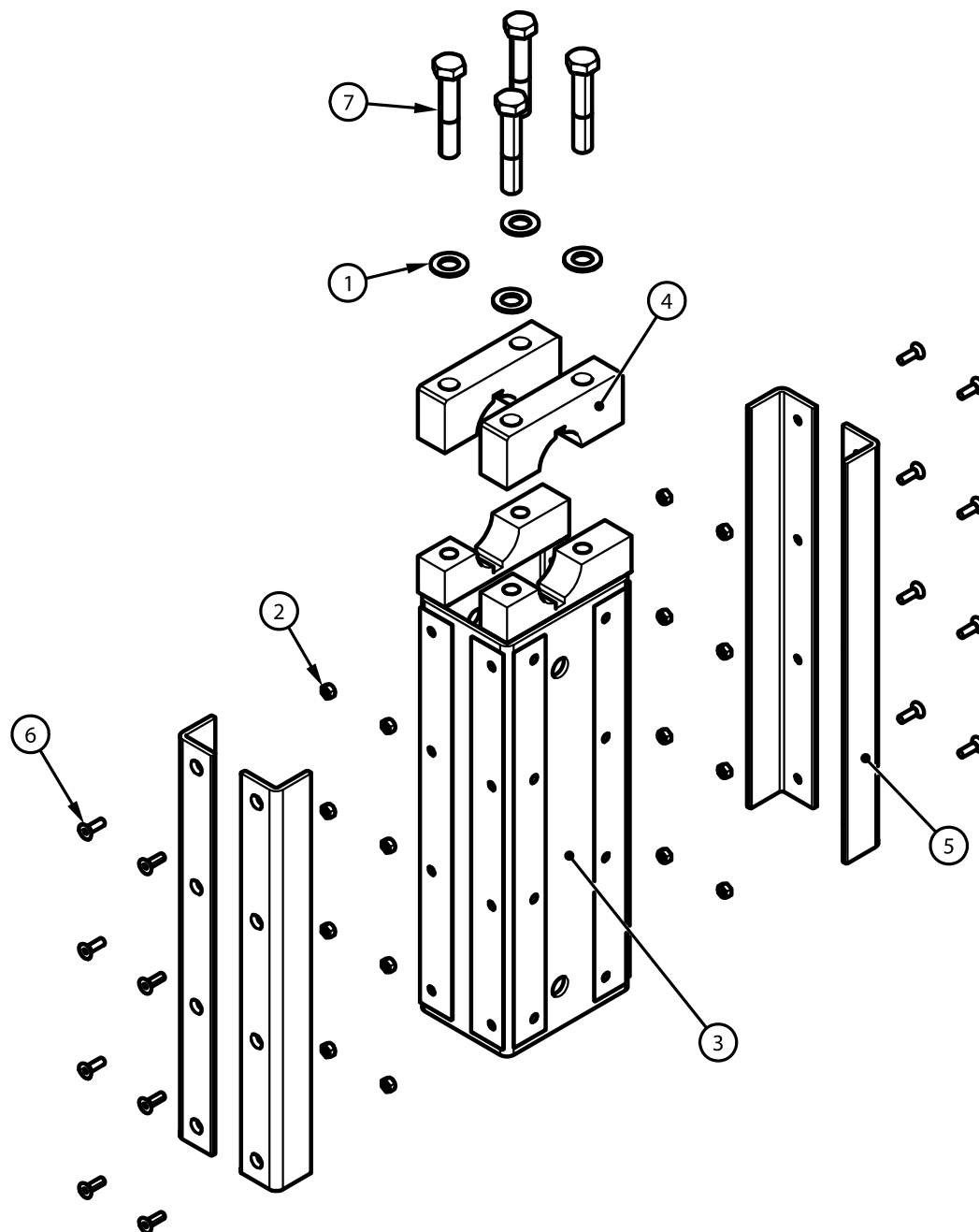


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SECTION 3-1

ARM PARTS MANUAL

127171 - STD INNER MAST



Item No.	Part Number	Description	Qty
1	107081	WASHER, FLAT, .75, THRU HARD, ZN-CR	4
2	112764	NUT-HEX-LOCK-REV,.3125-18	16
3	121968	WLDT, VERT, MAST, INNER, AMSL	1
4	122195	BRKT, VERT, TOP, LIFT SHAFT	2
5	122198	UHMW, VERT, INNER, MNT, AMSL	4
6	124637	BOLT-FHSCS, .312-18X1	16
7	125121	BOLT-HHCS, .75-10X4, GR8, ZN	4

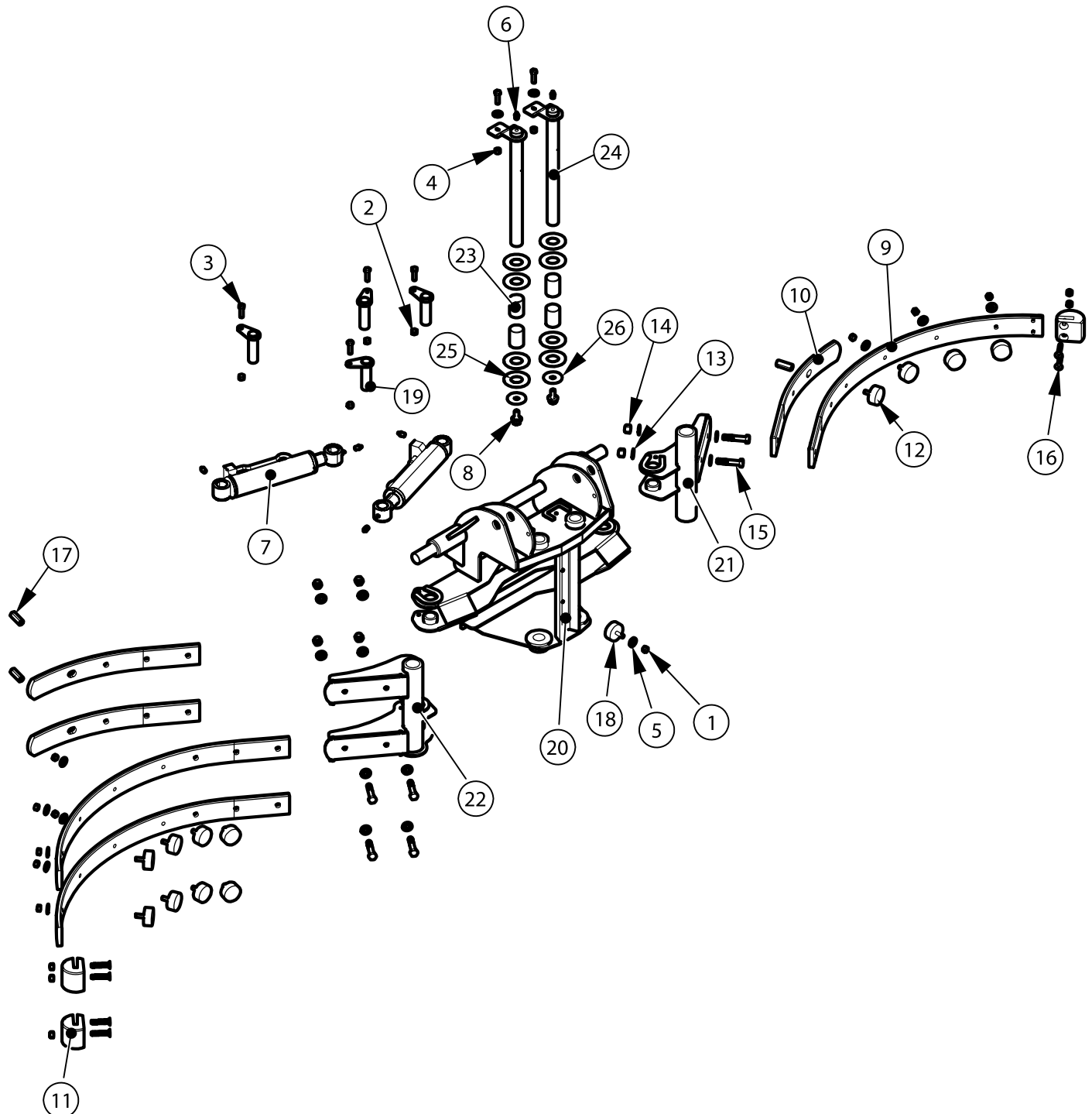


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SECTION 3-1

ARM PARTS MANUAL

132526 - STD GRIPPER HEAD





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SECTION 3-1

ARM PARTS MANUAL

132526 - GRIPPER HEAD

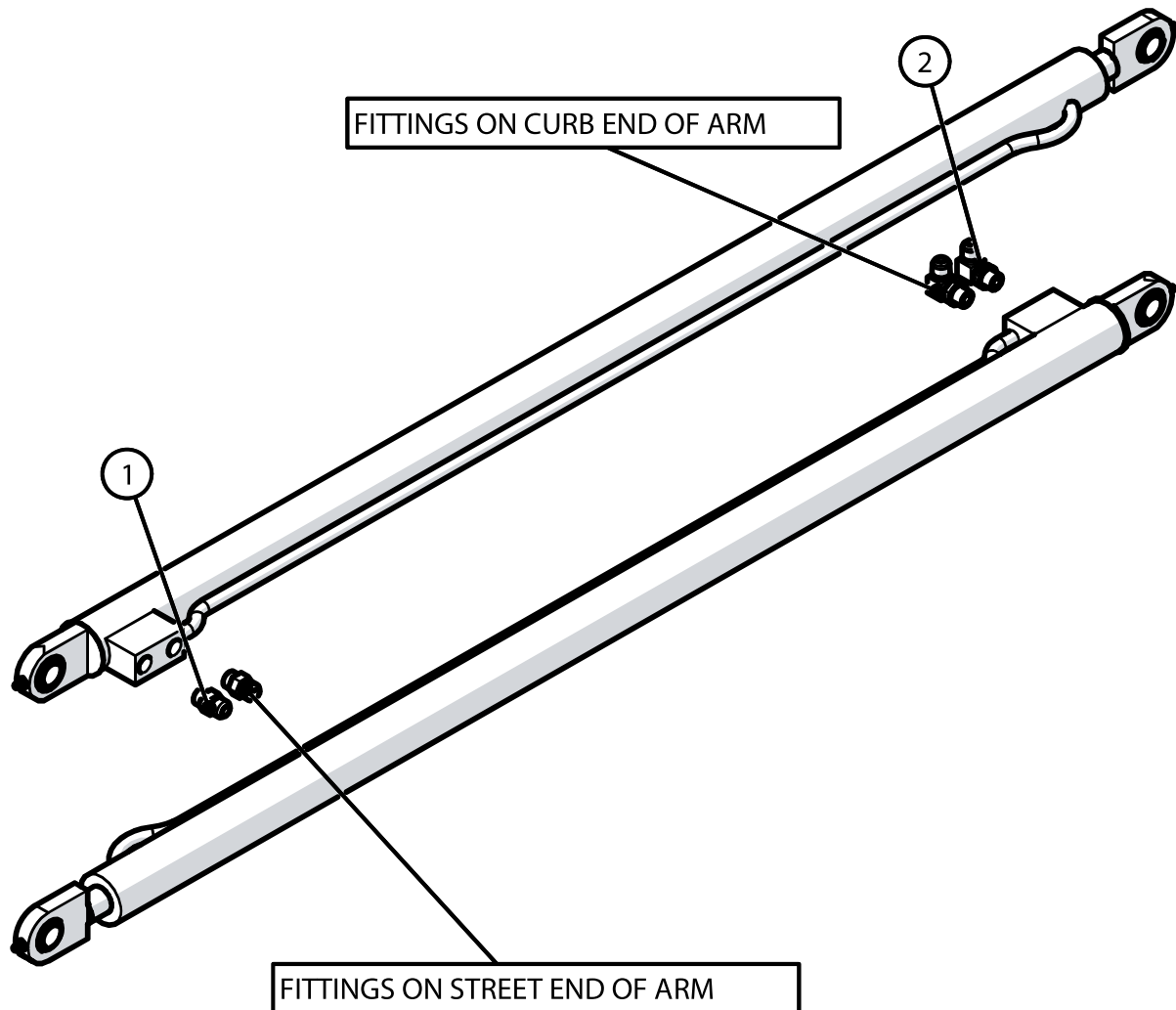
Item No.	Part Number	Description	Qty
1	100014	NUT-HEX, .375-16, GR5, ZN	10
2	100493	NUT-HEX-LOCK-REV, .375-16, ZN	4
3	102942	BOLT-HHCS,.375-16X1.25,GR 5,ZN	6
4	104654	NUT-HEX, NYLOK, .375-16, ZN	7
5	104667	WASHER, FLAT, .375, ZN	12
6	107154	ZERK, GREASE, .125 NPT	6
7	118610	CYL, 2X5.5X1.25X13.56, GRIP, ROSEN 100EN0186	2
8	120681	BOLT-HHCS, FLANGE, .5-13X1, CH, ZN	2
9	122285	SPRING, ARM, ASL	3
10	122288	SPRING, ARM BACKING, ASL	3
11	122293	UHMW, GRIPPER END KNOBS, AMSL	3
12	122295	RUBBER, GRIPPER BUMPER, .83 TALL, ASL	12
13	122296	WASHER-FLAT, 1.063X.531, ZN	12
14	122617	NUT-NYLOCK, .5-13, GR8, YZN	6
15	122618	BOLT-HHCS, .5-13X2.5, GR8, ZN	6
16	124217	BOLT-FHSCS, .375-16 X 2, ZN	6
17	127810	NUT-HEX,.375-16X1.75 COUPLING NUT	3
18	129403	RUBBER, GRIPPER BUMPER, .73 TALL METAL BAC	1
19	132527	WLDT, PIN, GRIPPER HEAD CYL, ASL	4
20	132531	WLDT, GRIPPER BASE, HD REV, ASL	1
21	132552	WLDT, LF, SPRING, MNT, AMSL	1
22	132557	WLDT, RT, SPRING, MNT, AMSL	1
23	132562	BUSHING, POLYGON, 1.25 X 1.5 X 2	4
24	132564	WLDT, GRIPPER PIVOT PIN, BL1066, ASL	2
25	132567	WASHER, PADDLE PIVOT, ASL, BL1066	8
26	132568	WASHER, PADDLE PIVOT RETAINER, ASL, BL1066	2

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SECTION 3-1

ARM PARTS MANUAL

118612 HORIZONTAL CYLINDERS



Item No.	Part Number	Description	Qty
1	101098	FTG, HYD, 8MJ-8MO-0N	2
2	101113	FTG, HYD, 8MJ-8MO-9N	2
3	129210	SEAL KIT, CYL 118612, ASL ARM HORZ	1

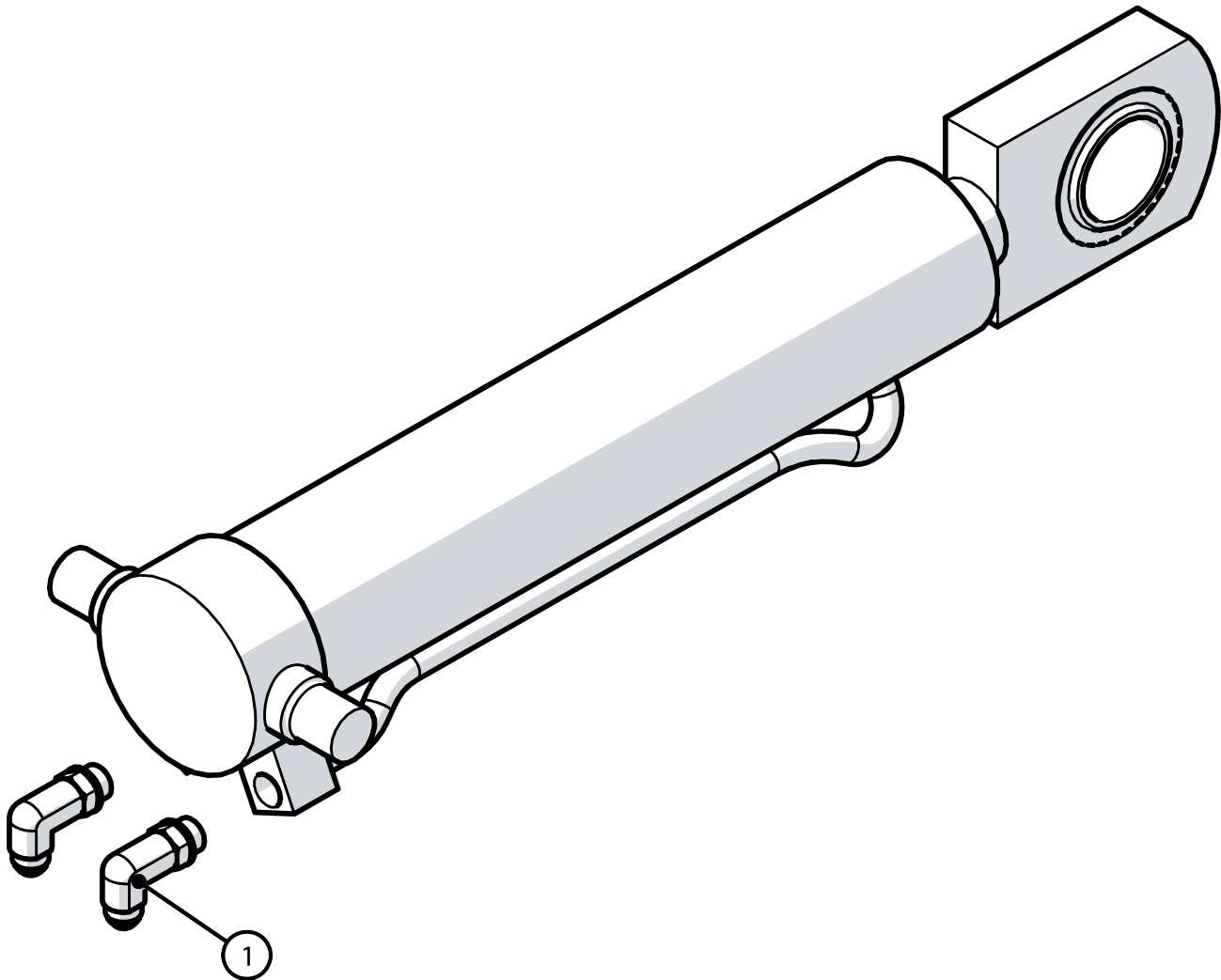


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SECTION 3-1

ARM PARTS MANUAL

118615 VERTICAL CYLINDER



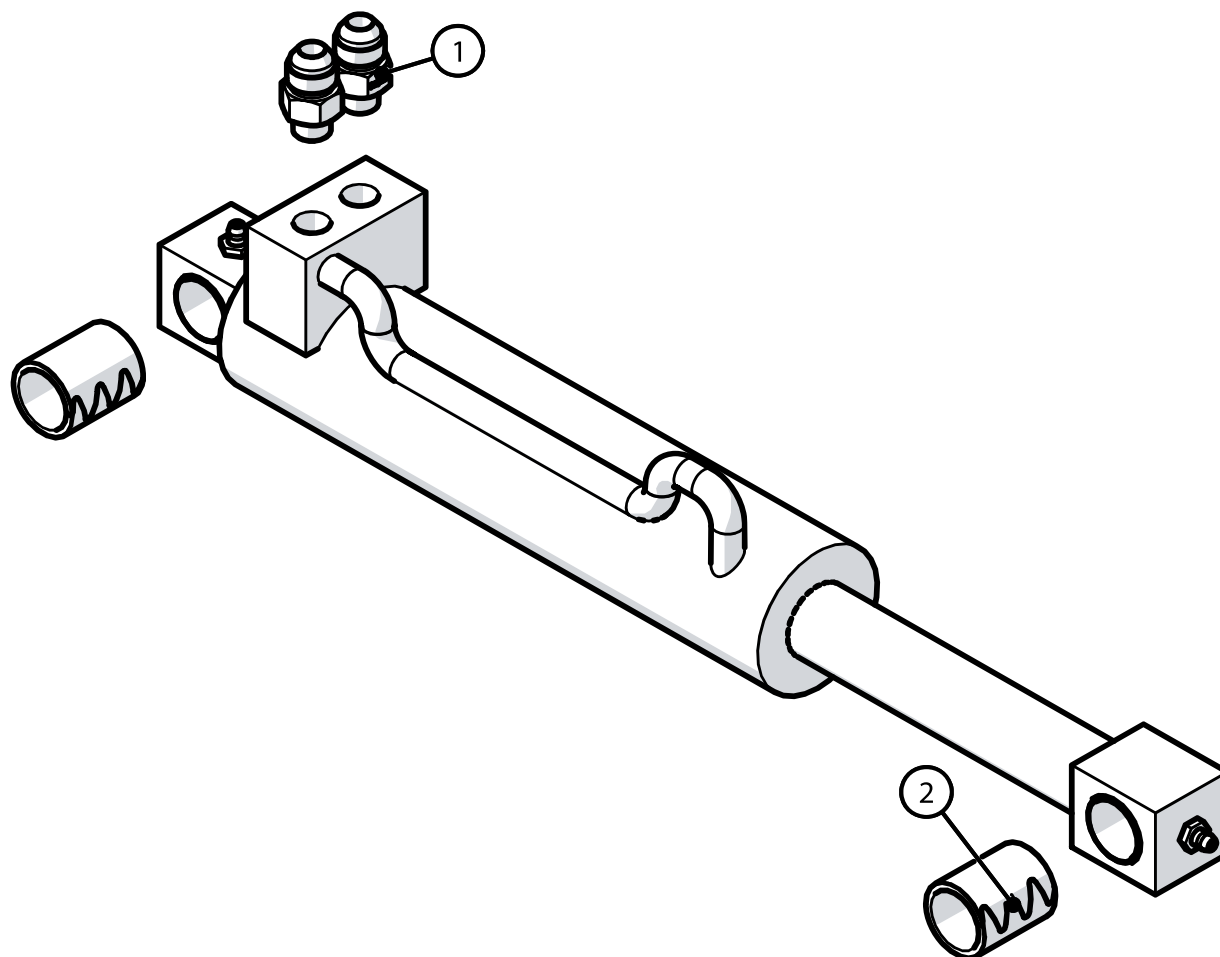
Item No.	Part Number	Description	Qty
1	117276	FTG, HYD, 8MJ-8MO-9L	2
2	129212	SEAL KIT, CYL 118615, ASL VERT MAST	1

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SECTION 3-1

ARM PARTS MANUAL

118610 GRIPPER CYLINDERS



Item No.	Part Number	Description	Qty
1	102068	FTG, HYD, 8MJ-6MO-0N	2
2	126687	BUSHING,SPLIT,CYL,ROD & BASE END	2
3	129209	SEAL KIT, CYL 118610, ASL GRIPPER	1

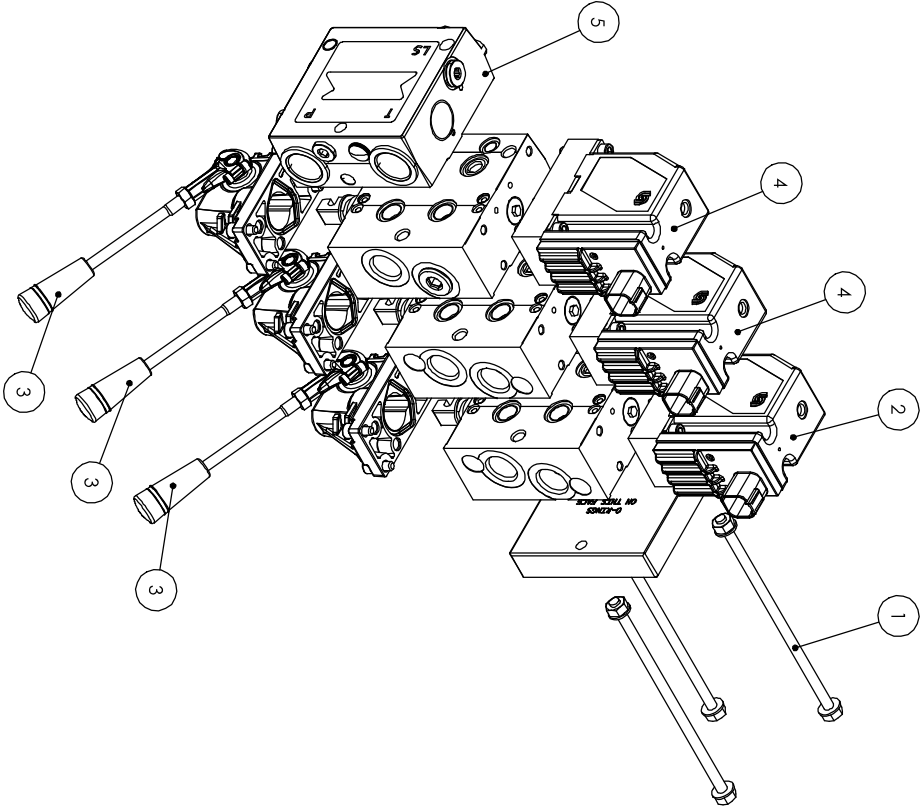


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SECTION 3-1

ARM PARTS MANUAL

121581 ARM VALVE



ITEM NO.	PART NUMBER	DESCRIPTION	EXPL/VIEW/ QTY.
1	127232	KIT,O-RING,ARM VALVE, PVG32,ASL	1
2	124326	SOLENOID ARM VALVE,GRIPPER,ASL	1
3	129183	MANUAL OPERATOR, PVG VALVE	3
4	124327	SOLENOID, ARM VALVE, VERT HORIZ, ASL	2
5	129367	END CAP, VALVE SECTION, UNLOADER, PVG 32	1

-127232 WILL COME WITH ALL THE O-RINGS AND
THE RODS NEEDED FOR THIS VALVE.

-O-RING KITS DO NOT INCLUDE THE O-RINGS FOR THE
OPERATORS. THOSE O-RINGS WILL COME WITH THE NEW
OPERATOR.