



Boom



Rev 02-21

Part No. 02995060

PARTS MANUAL



ALAMO INDUSTRIAL

1502 E. Walnut
Seguin, Texas 78155
830-372-9595

¡ATENCIÓN!

LEA EL INSTRUCTIVO

Si No Lee Ingles, Pida Ayuda a Alguien
Que Si Lo Lea Para Que le Traduzca las
Medidas de Seguridad.



An Operator's Manual was shipped with the equipment in the Manual Canister. This Operator's Manual is an integral part of the safe operation of this machine and must be maintained with the unit at all times. READ, UNDERSTAND, and FOLLOW the Safety and Operation Instructions contained in this manual before operating the equipment. If the Operator's Manual is not with the equipment, contact your dealer or Alamo Industrial (800-356-6286) to obtain a Free copy before operating the equipment.

TO THE OWNER/OPERATOR/DEALER

All implements with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes the potential hazards and follows reasonable safety practices. The manufacturer has designed this implement to be used with all its safety equipment properly attached to minimize the chance of accidents.

BEFORE YOU START!! Read the safety messages on the implement and shown in your manual.
Observe the rules of safety and common sense!

DANGER

FAILING TO FOLLOW SAFETY MESSAGES AND OPERATING INSTRUCTION CAN CAUSE SERIOUS BODILY INJURY OR EVEN DEATH TO OPERATOR AND OTHERS IN THE AREA.

1. 	2. NO RIDERS. NO CHILDREN OPERATORS. 	3. USE SAFETY SHOES, HARD HAT, SAFETY GLASSES, SEAT BELTS, ROPS & OPS. 	4. BLOCK UP SECURELY BEFORE WORKING UNDER. 
---	---	--	---

1. Study and understand Operator's Manuals, Safety Decals, and Instructional Decals for tractor and implement to prevent misuse, abuse, and accidents. Practice before operating in a confined area or near passersby.
• Learn how to stop engine suddenly in an emergency. Be alert for passersby and especially children.

2. Allow no children on or near folding mower or tractor. Allow no riders on tractor or implement. Falling off may cause serious injury or death from being run over by tractor or mower or contact with rotating blades.

3. Operate only with tractor having Roll-Over Protective Structure (ROPS) and with seat belt securely fastened to prevent injury and possible death from falling off or tractor overturn.
• Personal Protective Equipment such as Hard Hat, Safety Glasses, Safety Shoes, & Ear Plugs are recommended.

4. Block up or support raised machine and all lifted components securely before putting hands or feet under or working underneath any lifted component to prevent crushing injury or death from sudden dropping or inadvertent operation of controls. Make certain area is clear before lowering or folding.

5. Before transporting, put Lift Lever in detent or full-lift position. Install Transport Safety Devices securely on folding mowers.
• Put Booms securely in Transport Rest.

6. Make certain that SMV sign, warning lights, and reflectors are clearly visible. Follow local traffic codes.

7. Never operate with Cutting Head or Folding Section raised if passersby, bystanders, or traffic are in the area to reduce possibility of injury or death from objects thrown by Blades under Guards or mower structure.

8. Before dismounting, secure implement in transport position or lower to ground.
• Put tractor in park or set brake, disengage PTO, stop engine, remove key, and wait until noise of rotation has ceased to prevent crushing by entanglement in rotating parts which could cause injury or death.
• Never mount or dismount a moving vehicle. Crushing from runover may cause serious injury or death.

5. TRANSPORT SAFELY, LOCK UP. 	6. USE SMV, LIGHTS, & REFLECTORS. 	7. DO NOT OPERATE WITH CUTTER OR WING RAISED 	8. DO NOT MOUNT OR DISMOUNT WHILE MOVING. 
--	--	--	--

02967827

WARRANTY INFORMATION:

Read and understand the complete Warranty Statement found in this Manual. Fill out the Warranty Registration Form in full and return it within 30 Days. Make certain the Serial Number of the Machine is recorded on the Warranty Card and on the Warranty Form that you retain. The use of "will-fit" parts will void your warranty and can cause catastrophic failure with possible injury or death.

BOLT TORQUE

Mounting procedures for mowers will require a significant amount of bolt nut and washer installation.

Frame and structure mounting bolts should be installed using *Red Loctite*, and torqued to the dry values listed in the torque chart based on the bolt size and hardness.

Other structures such as pump mounting bolts should be installed with *Blue Loctite* and torqued to the dry values indicated in the chart.

Bolt tightness should be completed with and checked with a suitable torque wrench.

Torque checks should be completed throughout the life of the mower in accordance with the maintenance chart provided in this manual.

Loose bolts on a frame or in a casting may be a result of:

- Vibration from the mower due to imbalance of the mower blades
- Pulled threads due to over tightening
- Distortion of the hole due to under tightening during installation

Bolts broken or sheared in the mounting structure or tractor may be the result of:

- Improper alignment of the Mounting Plate or Structure such that it is not sitting flat on the mating surface
- Distortion of the bolt due to over-tightening
- Under tightening of the bolts

Check the bolt torque during installation and prior to delivery with a suitable torque wrench.

Proper Torque Values for Standard Bolts		
Bolt Diameter	 Head Marking Three Lines Grade Five	 Head Marking Six Lines Grade Eight
	Pound - Foot Value Dry	Pound - Foot Value Dry
1/4"	7	10
5/16"	15	22
3/8"	26	39
7/16"	42	60
1/2"	64	88
9/16"	100	134
5/8"	128	180
3/4"	227	320
7/8"	365	515
1"	547	772

To get Newton-Meters multiply pound-foot of torque by 1.356

Proper Torque Values for Metric Bolts				
Bolt Diameter	 Head Marking 4.6	 Head Marking 8.8 or 9.8	 Head Marking 10.9	 Head Marking 12.9
	Pound - Foot Value Dry	Pound - Foot Value Dry	Pound - Foot Value Dry	Pound - Foot Value Dry
6mm	3	7	9	10
8mm	6.2	16	23	24
10mm	12	32	45	47
12mm	21	55	79	81
14mm	34	88	126	130
16mm	53	137	196	202
18mm	73	189	270	279
20mm	104	267	382	394
22mm	141	364	520	537
24mm	179	461	660	680
27mm	262	676	968	998
30mm	355	917	1312	1353

CHANGE PAGES

The following is a listing of pages that have been changed since the latest publication date for the overall document.

Date of Change	Page Number	Description of Change
04-03-2013	(EX: chg pages 17, 23, 137)	
10-09-2015	document release date	
05-25-2016	added pgs 91-98	
06-20-2016	chg pg 117	
07-11-2016	chg pgs 6-77 all heads.	
08-01-2016	added pg 98, 106	
09-01-2016	chg pgs 130,132-134,141	
10-04-2016	chg pgs 56,61,138	
12-15-2016	chg pg 132	
03-07-2017	add pg 14 chg pg 26	
03-27-2017	added pgs 113-118	
03-30-2017	chg pgs 81,84,86,88,	obs 05.282.03, alt to 9100206 ecn 27792
08-10-2017	chg pg 138	ecn 27929 change jpg and bom
09-25-2017	chg pg 97,133	ecn 28002 updated art and boms
11-27-2017	chg pgs 146	ecn 28006 updated bom and art
11-29-2017	chg pgs 121	ecn 28074 updated bom and art
04-11-2018	chg pgs 19-20	ecn 28168 updated bom and art
09-28-2018	removed grassflail since it now has its own manual	ecn 28330
10-29-18	adjusted filter image	ecn 28347
11-05-2018	added new 60 inch hd grassflail	ecn28378
05-06-2019	chg pg 121	NS00910 changed bom
10-09-19	chg pgs 90,93	ECN 28574 updated art and boms
3-5-2020	chg pgs 133,134-136	ECN 28709 update art and boms
6-10-2020	chg pg 134-136	NS00957
02-03-2021	added Mantis assemblies to mav 2	ECN 28967,28971
2-10-2021	Added Mantis wire harness to mav 2	ECN 28979

CHANGE PAGES

PARTS SECTION

PART NAME INDEX

SECTION 10 - ROTARY HEAD.....	6
50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 1.....	7
50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 2.....	9
50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 1.....	11
50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 2.....	13
50 IN ROTARY - MOTOR & SPINDLE ASY.....	15
60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 1.....	16
60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 2.....	18
60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 1.....	20
60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 2.....	22
60 IN ROTARY - HYD CYL ASY - DOOR - PN 02961480A.....	24
60 IN ROTARY - HYD CYL ASY - HEAD SWIVEL - PN 02981315.....	25
60 IN ROTARY - BLADE BAR ASY - PN 02969230.....	26
60 IN ROTARY - MOTOR & SPINDLE ASY.....	27
60 IN ROTARY - SPINDLE ASY - PN 02968859.....	28
60 IN ROTARY - HYD HOSE ROUTING.....	29
SECTION 20 - FLAIL HEADS.....	30
60 IN GRASS FLAIL HD -PISTON PN 02998978.....	31
ASY, BATTLEAXE, PC, 2Y PISTON (NON-SWIVEL) PART 1 PN 02994573.....	33
ASY, BATTLEAXE, PC, 2Y PISTON (NON-SWIVEL) PART 2 PN 02994573.....	34
ASY, HOUSING, BATTLEAXE PC PART 1 PN 02994574.....	35
ASY, HOUSING, BATTLEAXE PC PART 2 PN 02994574.....	37
ASY, BATTLEAXE, 2Y PISTON PART 1 PN 02995170.....	39
ASY, BATTLEAXE, 2Y PISTON PART 2 PN 02995170.....	40
ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 1) PN 02995169.....	41
ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 2) PN 02995169.....	43
ASY BATTLE AXE CUTTERSHAFT 2Y PN 02994575.....	45
ASY, BATTLEAXE, 3T PISTON, PART 1 PN 02995188.....	48
ASY, BATTLEAXE, 3T PISTON, PART 2 PN 02995188.....	49
ASY, BATTLE AXE CUTTERSHAFT PN 02994261.....	50
48 IN FLAIL AXE - STD KNIVES - PN 02957655M.....	52
48 IN FLAIL AXE - SWIVEL KIT ASY - PN 02984479.....	54
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 1) PN 02986254.....	56
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 2) PN 02986254.....	58
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 1).....	60
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 2).....	62
48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697.....	64
48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 2) - PN 02989697.....	66
SECTION 30 - BUZZ BARS.....	68
BUZZBAR ASY - 48 IN HEAD (PART 1) PN 02986236.....	69

PART NAME INDEX

BUZZBAR ASY - 48 IN HEAD (PART 2) PN 02986236.....	71
BUZZBAR ASY - 69 IN HEAD (PART 1) PN 02986237.....	73
BUZZBAR ASY - 69 IN HEAD (PART 2) PN 02986237.....	75
BUZZBAR ASY - 90 IN HEAD (PART 1) PN 02986245.....	77
BUZZBAR ASY - 90 IN HEAD (PART 2) PN 02986245.....	79
BUZZBAR SPINDLE ASY.....	81
BUZZBAR AND GRASS FLAIL MOTOR ASSEMBLY.....	83
SECTION 40 - DITCHERS.....	85
DITCHER HEAD ASY PN 02988100.....	86
DITCHER BLADE HEAD ASY - ROUGH CUT PN 02875301.....	88
DITCHER - SPINDLE ASY PN 02973336.....	90
DITCHER HEAD DEFLECTOR CYLINDER PN 02956704.....	91
5 AND 7 FT TIMBERCAT ASSY (PART1).....	92
5 AND 7 FT TIMBERCAT ASSY (PART2).....	94
SECTION 50 - BOOMS.....	96
BOOM ASY (24 FT BOOM) - PN 02995315.....	97
BOOM ASY (28 FT BOOM) - PN 02996401.....	99
BOOM ASY 28 FT HOSE ROUTING.....	101
BOOM ASY (30 FT BOOM) - PN 02995013.....	102
BOOM ASY 30FT HOSE ROUTING.....	104
HYD HOSE ROUTING - BOOM - 24 FT BOOM.....	105
HYD HOSE ROUTING - BOOM - 30 FT BOOM.....	107
HYD HOSE ROUTING - SWING CYL - 24-30 FT BOOM.....	109
HYDRAULIC HOSE CONNECTION ROUTING.....	110
HYDRAULIC HOSE CONNECTION ROUTING.....	112
ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 1).....	114
ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 2).....	116
ASY, DIPPER, MAV 2 28FT PN 02996402.....	118
ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 1).....	120
ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 2).....	122
ASY, TURRET P/N 32121548.....	124
SECTION 60 - HYDRAULICS.....	126
HYD TANK ASY - PN 02994891.....	127
HYDRAULIC ASY KIT (PART 1) - PN 02994920.....	128
HYDRAULIC ASY KIT (PART 2) - PN 02994920.....	130
HYDRAULIC ASY KIT PN 02994966.....	132
FILTER ASY - PRESSURE - PN 02994847.....	133
FILTER ASY - RETURN - PN 02994846 TO S/N 1608XX.....	135
FILTER, RETURN, ANGLE BREATHER - PN 02996288 AFTER S/N 1608XX.....	137

PART NAME INDEX

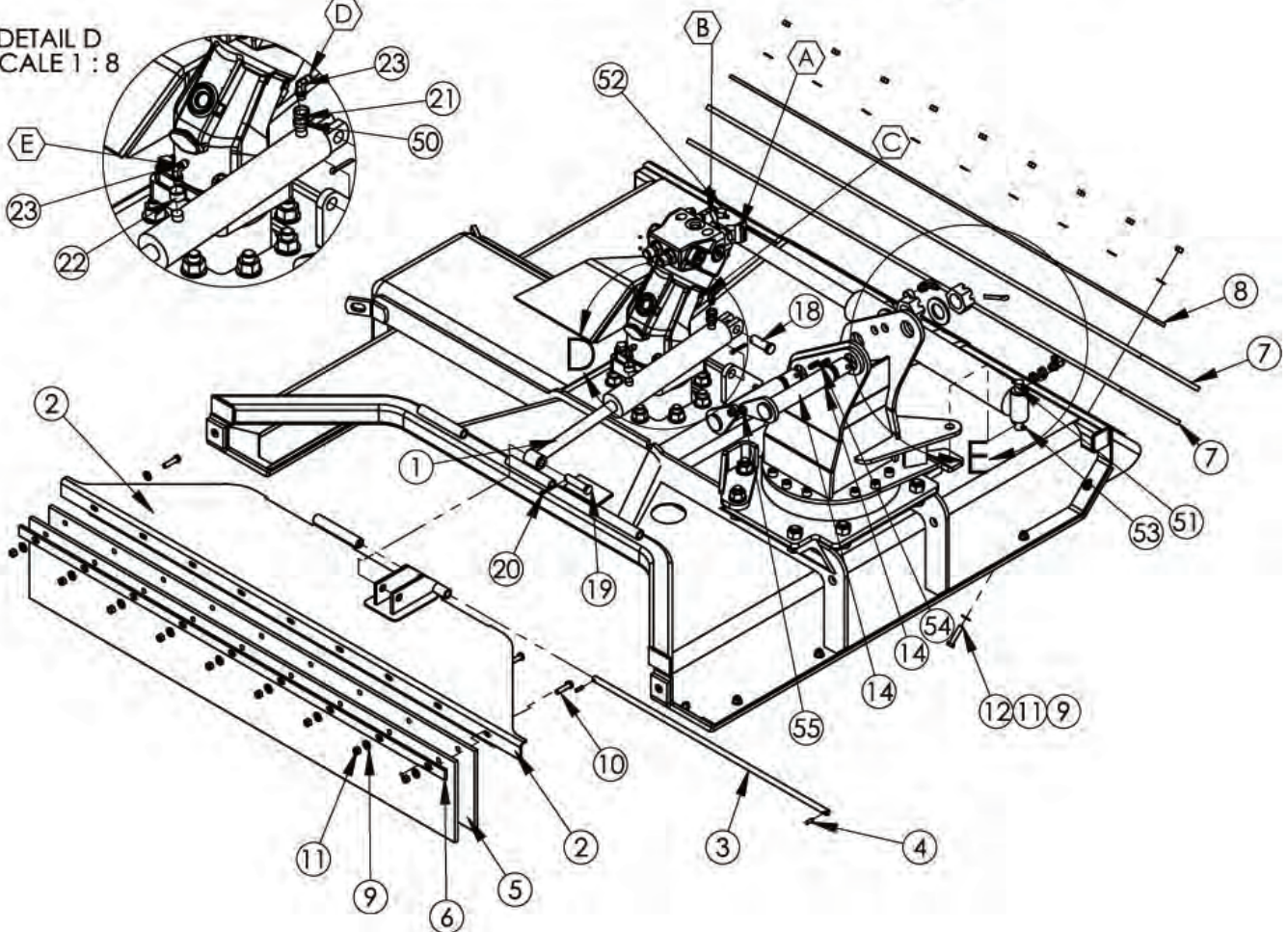
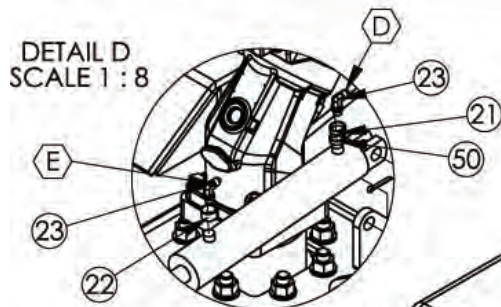
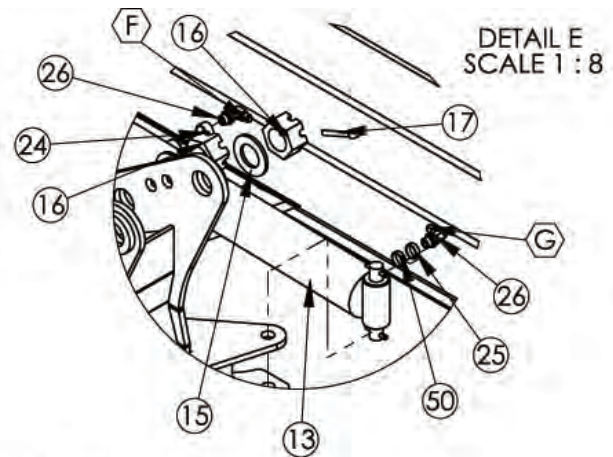
VALVE ASY W/FITTINGS - PN 02994418.....	139
HYD CYL ASY - AXLE STABILIZER (OPTIONAL) - PN 02992192.....	141
HYD CYL ASY - AXLE STABILIZER (OPTIONAL) - PN 02994770.....	142
HYD CYL ASY - EXTENSION (24-30 FT BOOM) - PN 02994363.....	143
HYD CYL ASY - DIPPER (24-30 FT BOOM) - PN 02981277.....	144
HYD CYL ASY - LIFT (24 FT BOOM) - PN 02981279.....	145
HYD CYL ASY - LIFT (30 FT BOOM) - PN 02981278.....	146
HYD CYL ASY - SWING W/ SPHERICAL ROD END (24/30 FT) - PN 02981275A.....	147
HYD CYL ASY - TILT - PN 02984944.....	148
HYD OIL COOLER - PN 02994848.....	149
MANIFOLD W/FITTINGS - MANTIS - P/N 32121607.....	151
HOSE REST - MANTIS - P/N 32121651.....	153
SECTION 70- CONTROLS.....	154
JOYSTICK ASY - P/N 02994419.....	155
JOYSTICK ASY SPARE PARTS - P/N 02994419.....	157
WIRING HARNESS PN 02994468.....	159
WIRE HARNESS - MANTIS - P/N 32121919.....	160
SECTION 80- FRAMES.....	161
UNDER MOUNT FRAME ASY (PART 1).....	162
UNDER MOUNT FRAME ASY (PART 2).....	165
UNDERMOUNT FRAME ASY - NEW HOLLAND - T6 TIER 4.....	167
UNDER MOUNT COUNTER WEIGHT - CAST.....	169
UNDER MOUNT COUNTER WEIGHT - WELDED.....	170
SECTION 90 - ACCESSORIES.....	171
COMMON CRATE COMPONENTS.....	172

SECTION 10

ROTARY HEADS

50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 1

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02995104	Case Drain (Green)	C
02968877	Door Base (Yellow/White)	D
02968878	Door Rod (Yellow)	E
02981844	Swivel Rod (Green)	F
02981845	Swivel Base (Green/White)	G



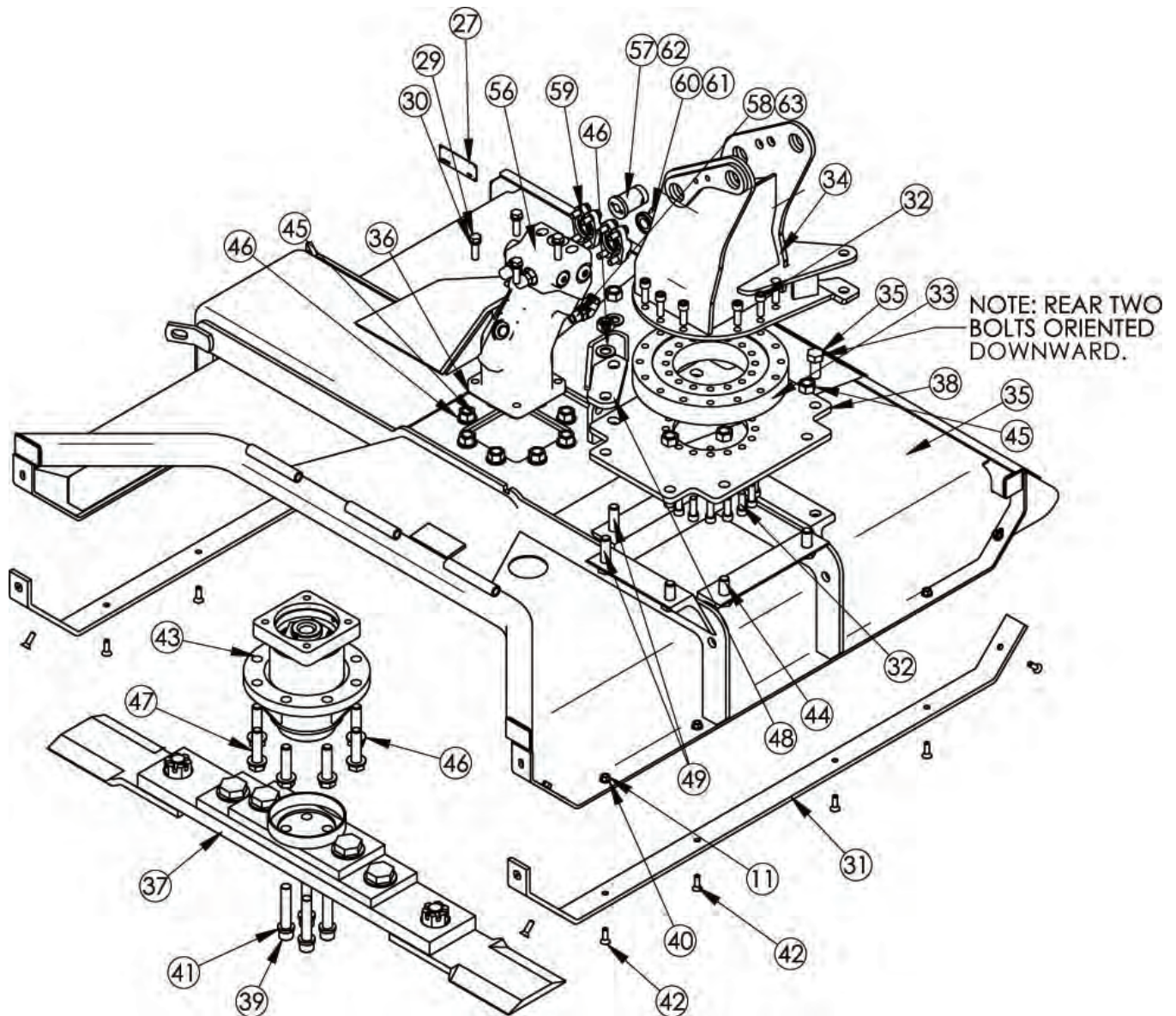
ITEM	PART NO.	QTY.	DESCRIPTION
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	02982914	1	WELDMENT, DOOR
3	02982915	1	ROD, HINGE
4	99338S	2	PIN ROLL 1/4 X 3/4

50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 1

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
5	02982919	2	FLAP, 8 1/2 X 52 X 3/8 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER STD 3/8 - PLATED
10	00023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	00015800	18	LOCKNUT TLM 3/8-NC PLC
12	00007000	9	BOLT 3/8NC X 1-3/4 PL5
13	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
14	02981757	2	WELDMENT, PIN, HITCH POST
15	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
16	02971701	2	NUT SLOT 1-3/8 12NF PLB
17	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
18	651102	1	PIN, DRILLED
19	02976448	1	PIN,5/8 X 2-1/2 DRILLED @
20	00755153	2	PIN,COTTER 3/16 X 1-1/2 PLATED
21	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
22	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
23	02960018	2	ADP HYD ELBOW 4MB-4MJ90
24	02968832	1	VINYL TAPE GREEN 1/2" WIDE
25	02968833	1	VINYL TAPE GREEN 1/4" WIDE
26	03200762	2	ADP HYD ELBOW 6MB - 4MJ 90 DEG
50	02991555	2	VINYL TAPE WHITE 1/4" WIDE
51	02995472	1	PIN, 3/4" X 4" U.L.
52	02995471	1	PIN, 3/4" X 1-7/8" U.L.
53	002416	4	ROLL PIN 1/4 X 1-1/2 LG
54	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
55	02995908	2	NUT SPRLCK FLG 3/8-16 PL

50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 2



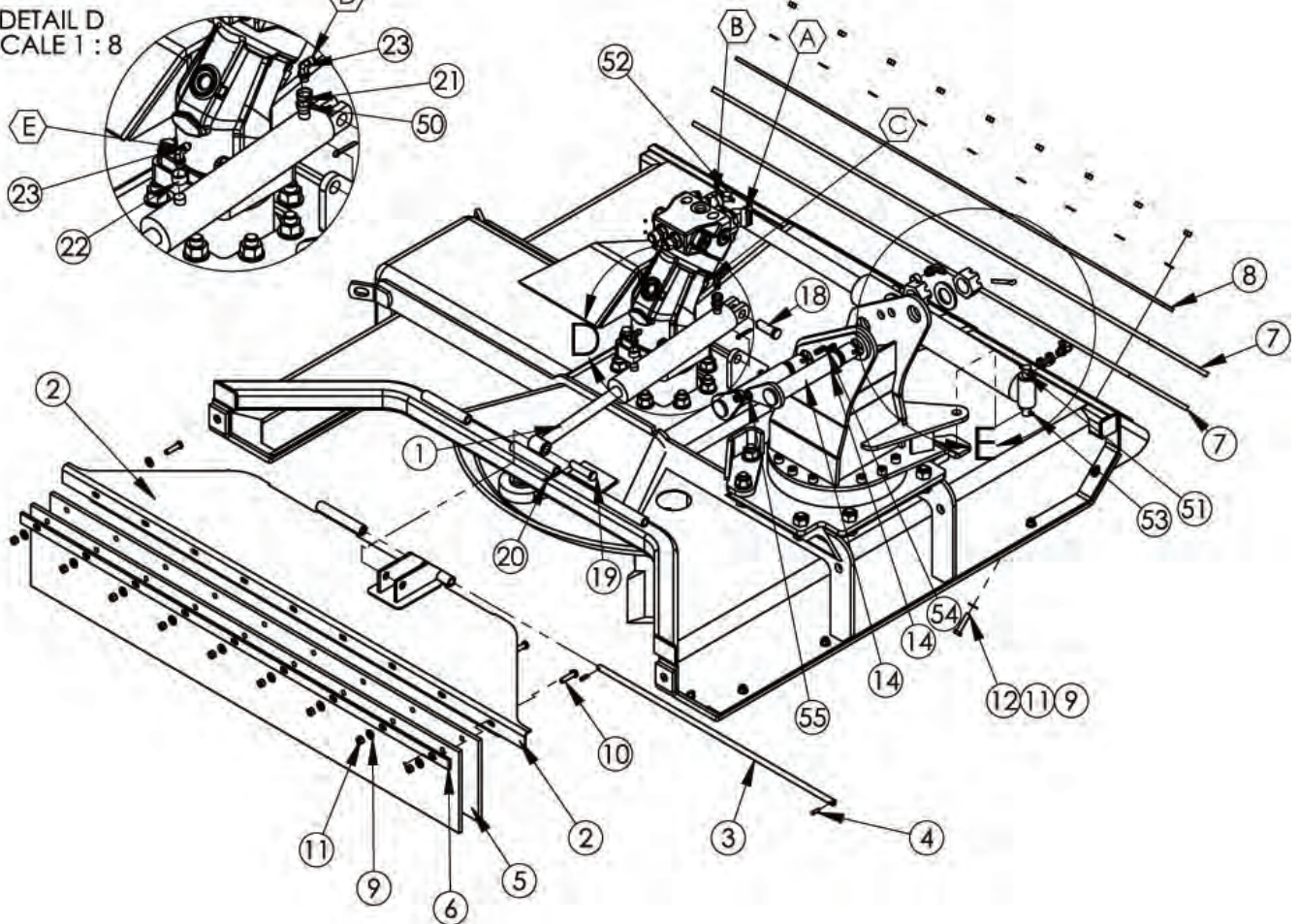
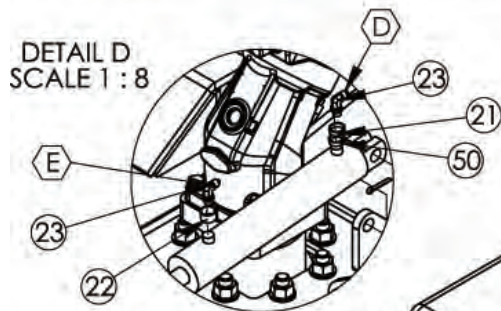
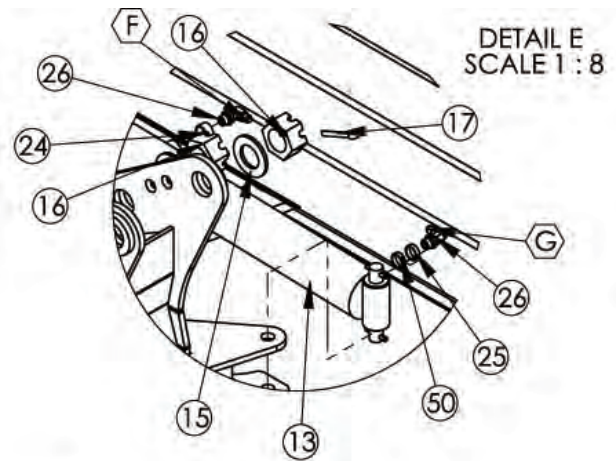
ITEM	PART NO.	QTY.	DESCRIPTION
11	00015800	18	LOCKNUT TLM 3/8-NC PLC
27		1	
29	02891800	4	HHCS 1/2 NC 1-3/4 PL8
30	00019600	4	LOCKWASHER, 1/2, HVY, PL
31	02982907	2	SKID SHOE 50
32	02981820	28	SHCS 1/2 NC 1-1/2 PL8
33	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
34	02985319	1	WELDMENT, HITCH POST
35	02981411	1	WELDMENT-50 HEAD DECK
36		1	
37	02982906	1	ASY, BLADE BAR W/BLADES

50 INCH ROTARY PISTON, BAR SWIVEL PN 02995881 PART 2**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
38	02981752	1	PLATE, HITCH POST BOTTOM, MAV
39	02964861	4	SHCS 3/4 NC 4 PL8
40	15B600	14	WASHER 3/8 SAE PLT
41	00003901	4	LOCKWASHER, 3/4, HVY, PL
42	00059700	14	FSCS 3/8 NC 1-1/4
43	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
44	02963645	6	HHCS 3/4 NC 1-3/4 PL8
45	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
46	5312316	18	WASHER,HARDENED 3/4"
47	03200269	8	HHCS 3/4 NC 3 PL8
48	02984002	1	WLDMNT, STOP SWIVEL
49	02963646	2	HHCS 3/4 NC 2-1/2 PL8
56	02994360	1	MOTOR PISTON 80CC
57	02994955	1	HYD ADP 16FL-16MJ CODE 62
58	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
59	02995006	2	KIT, FLANGE, #16 CODE 62
60	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
61	02968894	1	VINYL TAPE RED 1/2" WIDE
62	02968896	1	VINYL TAPE BLUE 1/2" WIDE
63	02991249	1	VINYL TAPE GREEN 1/2" WIDE

50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 1

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02995104	Case Drain (Green)	C
02968877	Door Base (Yellow/White)	D
02968878	Door Rod (Yellow)	E
02981844	Swivel Rod (Green)	F
02981845	Swivel Base (Green/White)	G



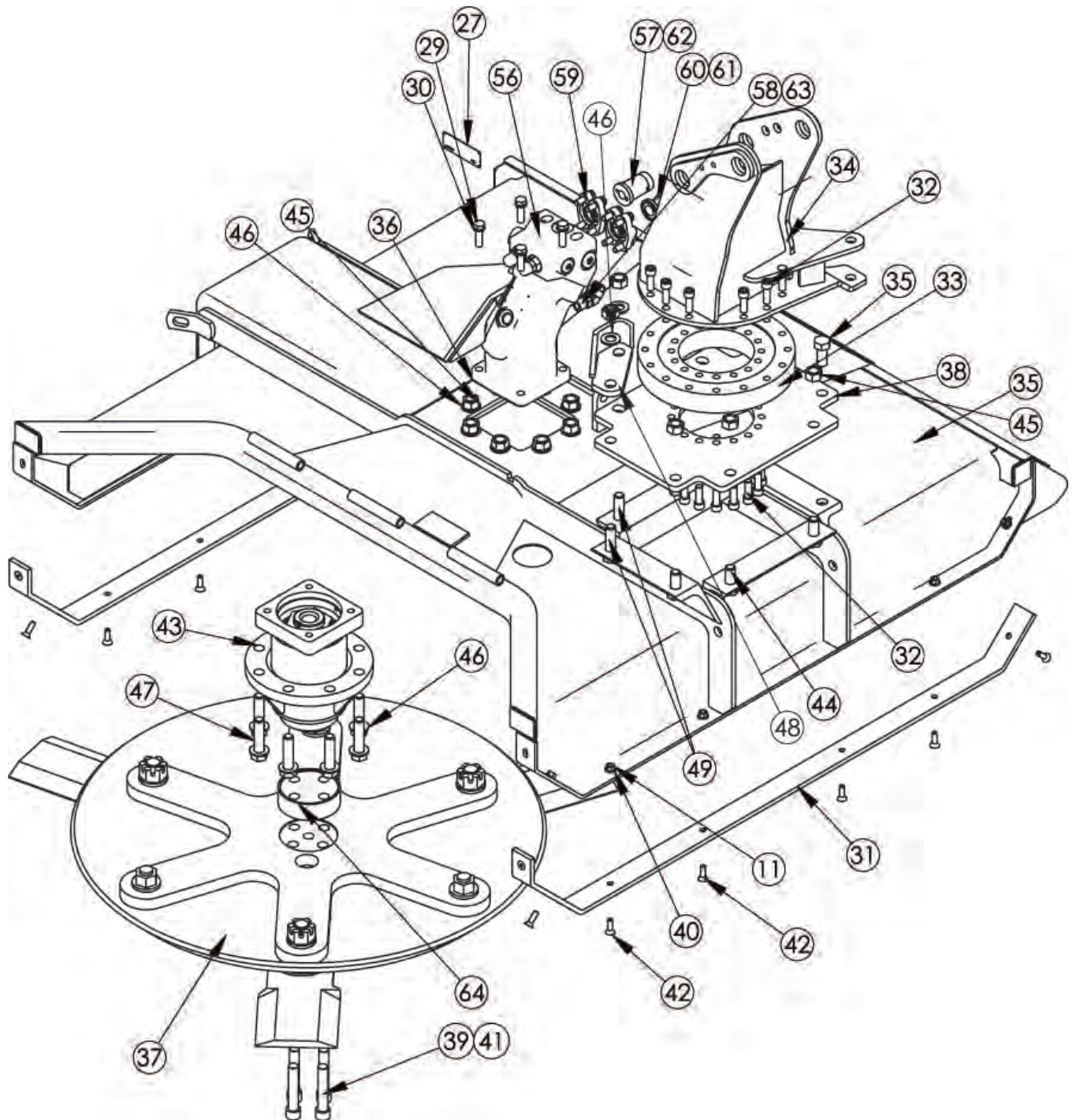
ITEM	PART NO.	QTY.	DESCRIPTION
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	02982914	1	WELDMNT, DOOR
3	02982915	1	ROD, HINGE
4	99338S	2	PIN ROLL 1/4 X 3/4

50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 1

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
5	02982919	2	FLAP, 8 1/2 X 52 X 3/8 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER STD 3/8 - PLATED
10	00023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	00015800	18	LOCKNUT TLM 3/8-NC PLC
12	00007000	9	BOLT 3/8NC X 1-3/4 PL5
13	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
14	02981757	2	WELDMENT, PIN, HITCH POST
15	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
16	02971701	2	NUT SLOT 1-3/8 12NF PLB
17	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
18	651102	1	PIN, DRILLED
19	02976448	1	PIN, 5/8 X 2-1/2 DRILLED @
20	00755153	2	PIN, COTTER 3/16 X 1-1/2 PLATED
21	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
22	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
23	02960018	2	ADP HYD ELBOW 4MB-4MJ90
24	02968832	1	VINYL TAPE GREEN 1/2" WIDE
25	02968833	1	VINYL TAPE GREEN 1/4" WIDE
26	03200762	2	ADP HYD ELBOW 6MB - 4MJ 90 DEG
50	02991555	2	VINYL TAPE WHITE 1/4" WIDE
51	02995472	1	PIN, 3/4" X 4" U.L.
52	02995471	1	PIN, 3/4" X 1-7/8" U.L.
53	002416	4	ROLL PIN 1/4 X 1-1/2 LG
54	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
55	02995908	2	NUT SPRLCK FLG 3/8-16 PL

50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 2



ITEM	PART NO.	QTY.	DESCRIPTION
11	00015800	18	LOCKNUT TLM 3/8-NC PLC
27		1	
29	02891800	4	HHCS 1/2 NC 1-3/4 PL8
30	00019600	4	LOCKWASHER, 1/2, HVY, PL
31	02982907	2	SKID SHOE 50

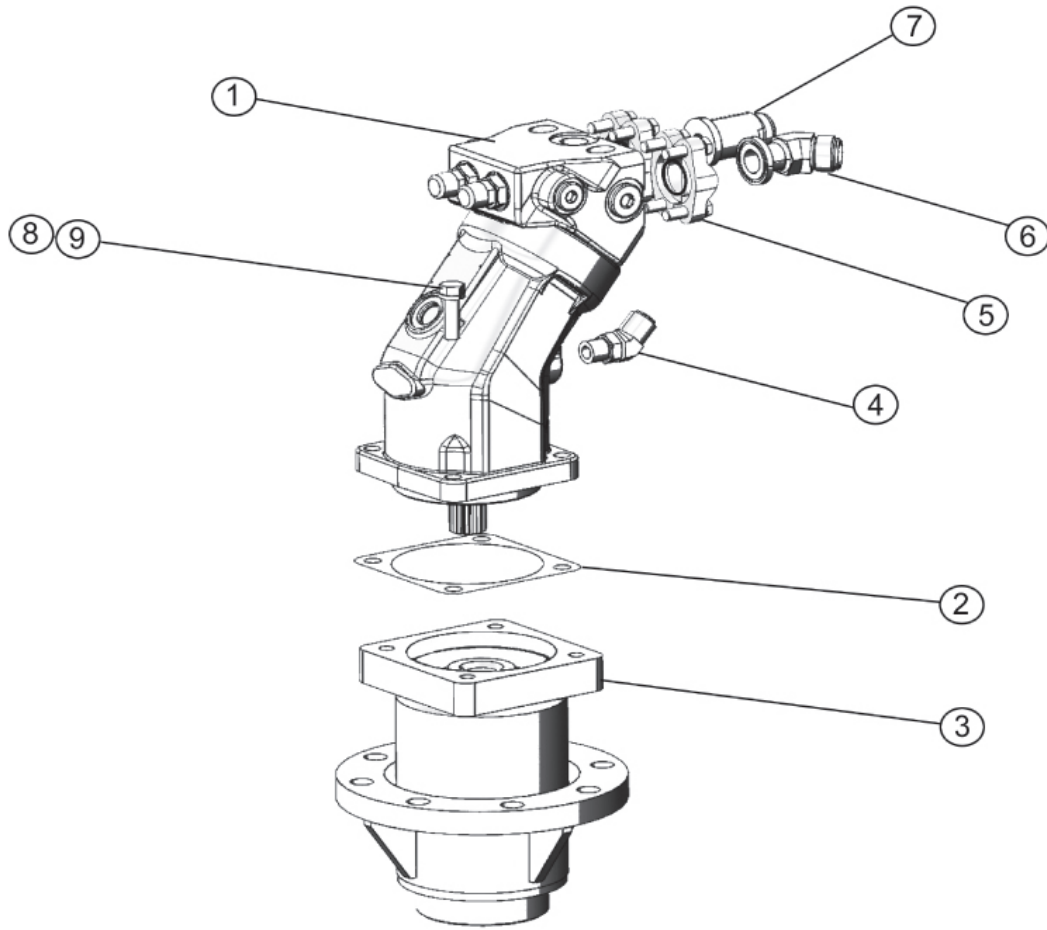
02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

50 INCH ROTARY PISTON, PAN SWIVEL PN 02995882 PART 2

Continued...

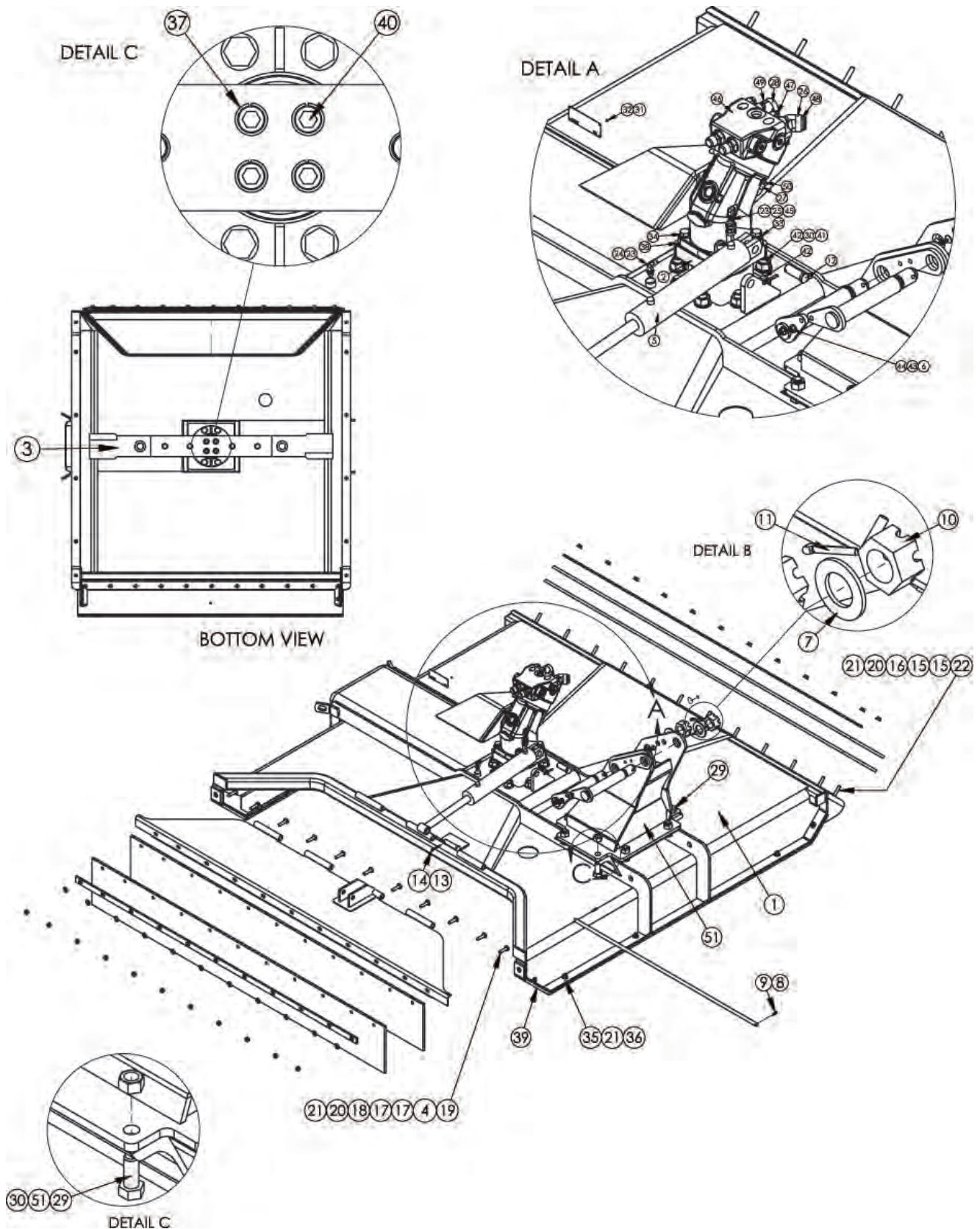
ITEM	PART NO.	QTY.	DESCRIPTION
32	02981820	28	SHCS 1/2 NC 1-1/2 PL8
33	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
34	02985319	1	WELDMENT, HITCH POST
35	02981411	1	WELDMENT-50 HEAD DECK
36		1	
37	02964457	1	PAN ASSEMBLY 50 A-BOOM
38	02981752	1	PLATE, HITCH POST BOTTOM, MAV
39	02964861	4	SHCS 3/4 NC 4 PL8
40	15B600	14	WASHER 3/8 SAE PLT
41	00003901	4	LOCKWASHER, 3/4, HVY, PL
42	00059700	14	FSCS 3/8 NC 1-1/4
43	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
44	02963645	6	HHCS 3/4 NC 1-3/4 PL8
45	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
46	5312316	18	WASHER,HARDENED 3/4"
47	03200269	8	HHCS 3/4 NC 3 PL8
48	02984002	1	WLDMNT, STOP SWIVEL
49	02963646	2	HHCS 3/4 NC 2-1/2 PL8
56	02994360	1	MOTOR PISTON 80CC
57	02994955	1	HYD ADP 16FL-16MJ CODE 62
58	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
59	02995006	2	KIT, FLANGE, #16 CODE 62
60	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
61	02968894	1	VINYL TAPE RED 1/2" WIDE
62	02968896	1	VINYL TAPE BLUE 1/2" WIDE
63	02991249	1	VINYL TAPE GREEN 1/2" WIDE
64	02984822	1	SPACER BLADE PAN

50 IN ROTARY - MOTOR & SPINDLE ASY



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994360	1	MOTOR PISTON 80CC
2		1	
3	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
4	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
5	02995006	-	KIT, FLANGE, #16 CODE 62
6	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
7	02994955	1	HYD ADP 16FL-16MJ CODE 62
8	02891800	1	HHCS 1/2 NC 1-3/4 PL8
9	00019600	1	LOCKWASHER, 1/2, HVY, PL
----	02997363	1	SEAL KIT, BOSCH AA2FM-80
	02997364	1	RELIEF, RETRN, BOSCH AA2FM-80
	02997365	1	RELIEF, PRESS, BOSCH AA2FM-80

60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 1



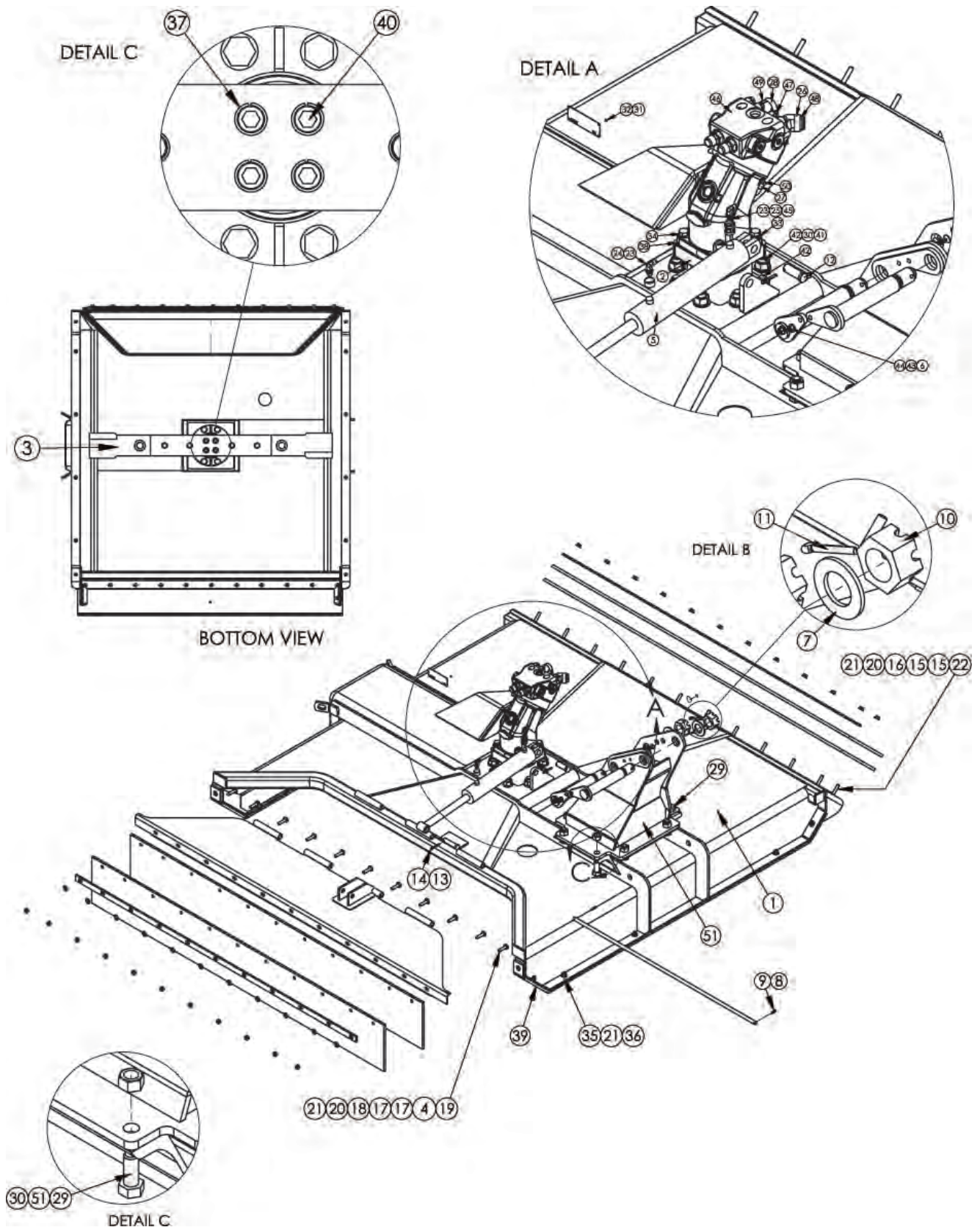
60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 1

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02981410	1	WELDMENT, 60 ROTARY, SWIVEL
2	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
3	02969230	1	ASY,BLADE BAR W/BLADES
4	02971963	1	WELDMENT, DOOR
5	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
6	02981757	2	WELDMENT, PIN, HITCH POST
7	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
8	02967782	1	ROD-HINGE
9	99338S	2	PIN ROLL 1/4 X 3/4
10	02971701	2	NUT SLOT 1-3/8 12NF PLB
11	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
12	651102	1	PIN, DRILLED
13	02976448	1	PIN,5/8 X 2-1/2 DRILLED @
14	00755153	2	PIN,COTTER 3/16 X 1-1/2 PLATED
15	02885700	2	REAR FLAP 10 X 63 X 3/8 THK
16	02885800	1	REAR CLAMP BAR
17	00759862	2	SHIELD-DEBRIS DEFLECTOR REAR C
18	00756875	1	FLAP HOLD DOWN BAR
19	00023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
20	00011100	46	FLATWASHER STD 3/8 - PLATED
21	00015800	37	LOCKNUT TLM 3/8-NC PLC
22	00007000	12	BOLT 3/8NC X 1-3/4 PL5
23	02960018	2	ADP HYD ELBOW 4MB-4MJ90
24	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
25	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
26	02968894	1	VINYL TAPE RED 1/2" WIDE
27	02991249	1	VINYL TAPE GREEN 1/2" WIDE
28	02968896	1	VINYL TAPE BLUE 1/2" WIDE
29	02963645	8	HHCS 3/4 NC 1-3/4 PL8
30	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
31	02986112	1	PLATE,S/N 60" ROT HEAD PISTON
32		4	
33	00019600	4	LOCKWASHER, 1/2, HVY, PL
34	02891800	4	HHCS 1/2 NC 1-3/4 PL8
35	15B600	14	WASHER 3/8 SAE PLT
36	00059700	14	FSCS 3/8 NC 1-1/4
37	00003901	4	LOCKWASHER, 3/4, HVY, PL
38		1	
39	02966899	2	SKID SHOE
40	02964861	4	SHCS 3/4 NC 4 PL8

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

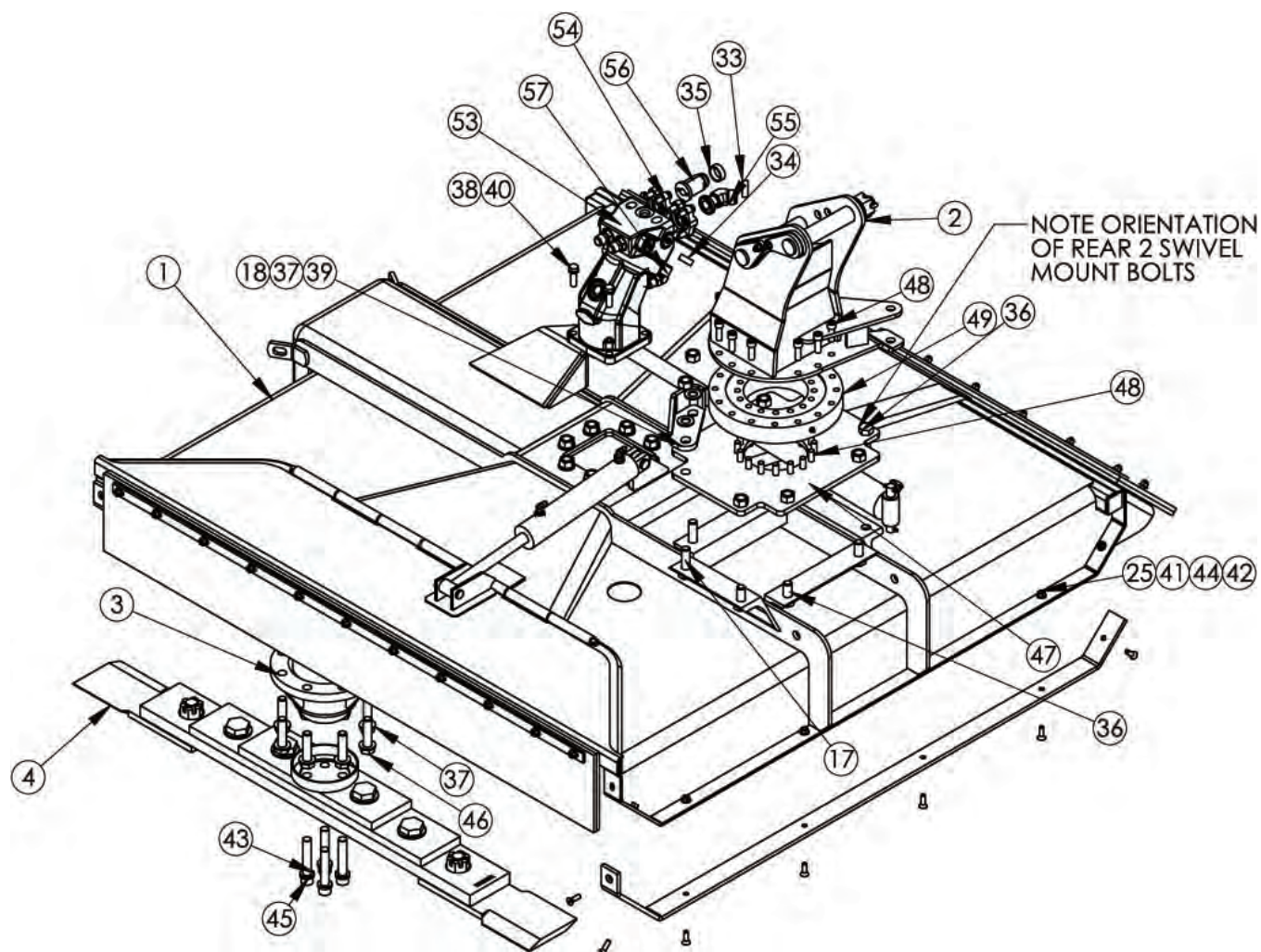
60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 2



60 IN ROTARY - HEAD ASY - NON SWIVEL - PN 02995747 PART 2**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	5312316	16	WASHER,HARDENED 3/4"
42	03200269	8	HHCS 3/4 NC 3 PL8
43	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
44	02995908	2	NUT SPRLCK FLG 3/8-16 PL
45	02991555	1	VINYL TAPE WHITE 1/4" WIDE
46	02994360	1	MOTOR PISTON 80CC
47	02995006	2	KIT, FLANGE, #16 CODE 62
48	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
49	02994955	1	HYD ADP 16FL-16MJ CODE 62
50	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
51	02986200	1	WELDMENT, HITCHPOST

60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 1

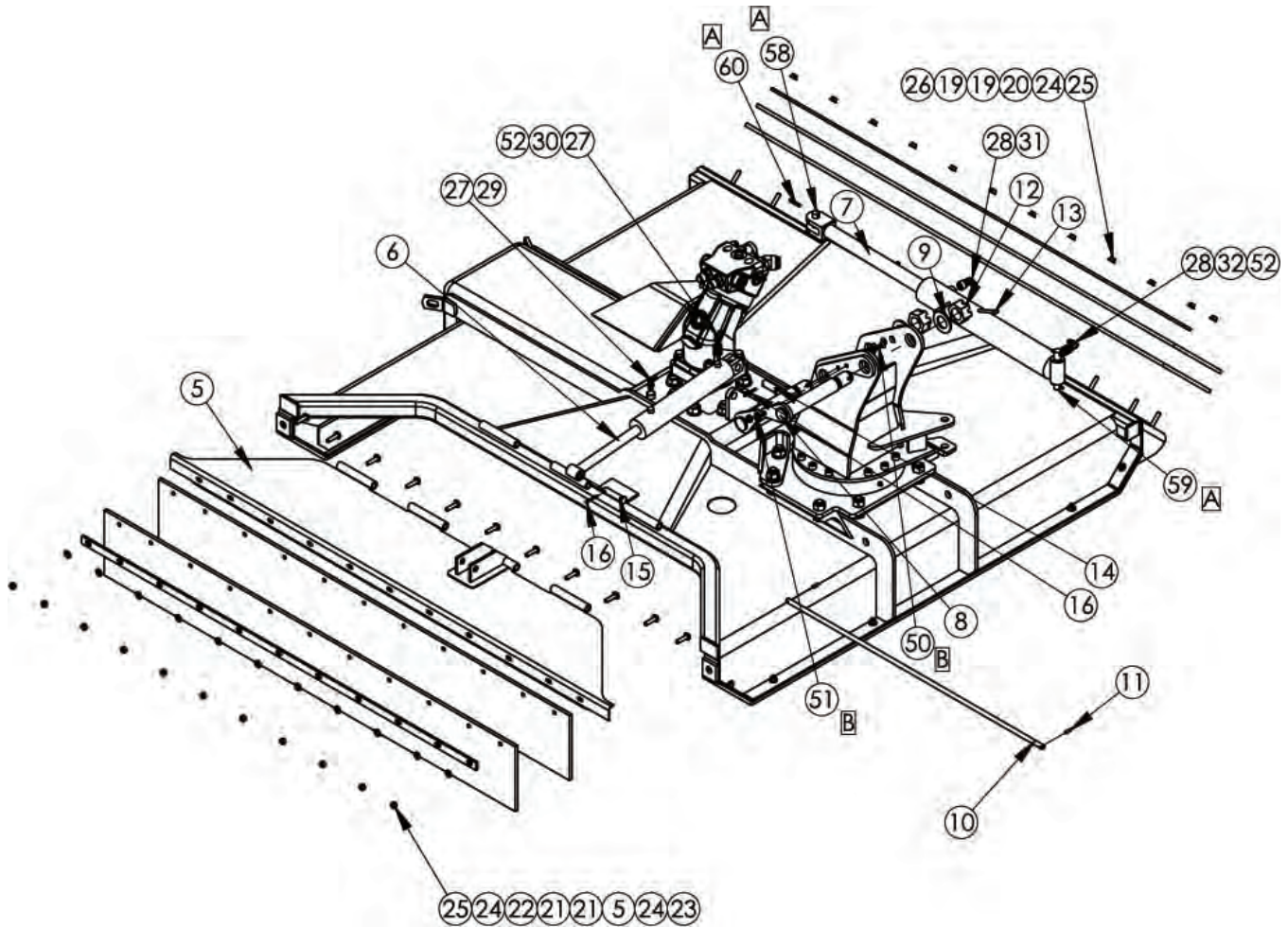


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981410	1	WELDMENT, 60 ROTARY, SWIVEL
2	02985319	1	WELDMENT, HITCH POST
3	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
4	02969230	1	ASY,BLADE BAR W/BLADES
17	02963646	2	HHCS 3/4 NC 2-1/2 PL8
18	00037200	16	NUT,HEX TOPLOCK 3/4 NC GRC PL
33	02968894	1	VINYL TAPE RED 1/2" WIDE
34	02991249	1	VINYL TAPE GREEN 1/2" WIDE
35	02968896	1	VINYL TAPE BLUE 1/2" WIDE
36	02963645	6	HHCS 3/4 NC 1-3/4 PL8
37	5312316	18	WASHER, HARDENED 3/4"
38	00019600	4	LOCKWASHER, 1/2, HVY, PL
39	02984002	1	WLDMNT, STOP SWIVEL
40	02891800	4	HHCS 1/2 NC 1-3/4 PL8
41	15B600	14	WASHER 3/8 SAE PLT

60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 1**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
42	00059700	14	FSCS 3/8 NC 1-1/4
43	00003901	4	LOCKWASHER, 3/4, HVY, PL
44	02966899	2	SKID SHOE
45	02964861	4	SHCS 3/4 NC 4 PL8
46	03200269	8	HHCS 3/4 NC 3 PL8
47	02981752	1	PLATE, HITCH POST BOTTOM, MAV
48	02981820	28	SHCS 1/2 NC 1-1/2 PL8
49	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
53	02994360	1	MOTOR PISTON 80CC
54	02995006	2	KIT, FLANGE, #16 CODE 62
55	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
56	02994955	1	HYD ADP 16FL-16MJ CODE 62
57	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45

60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 2

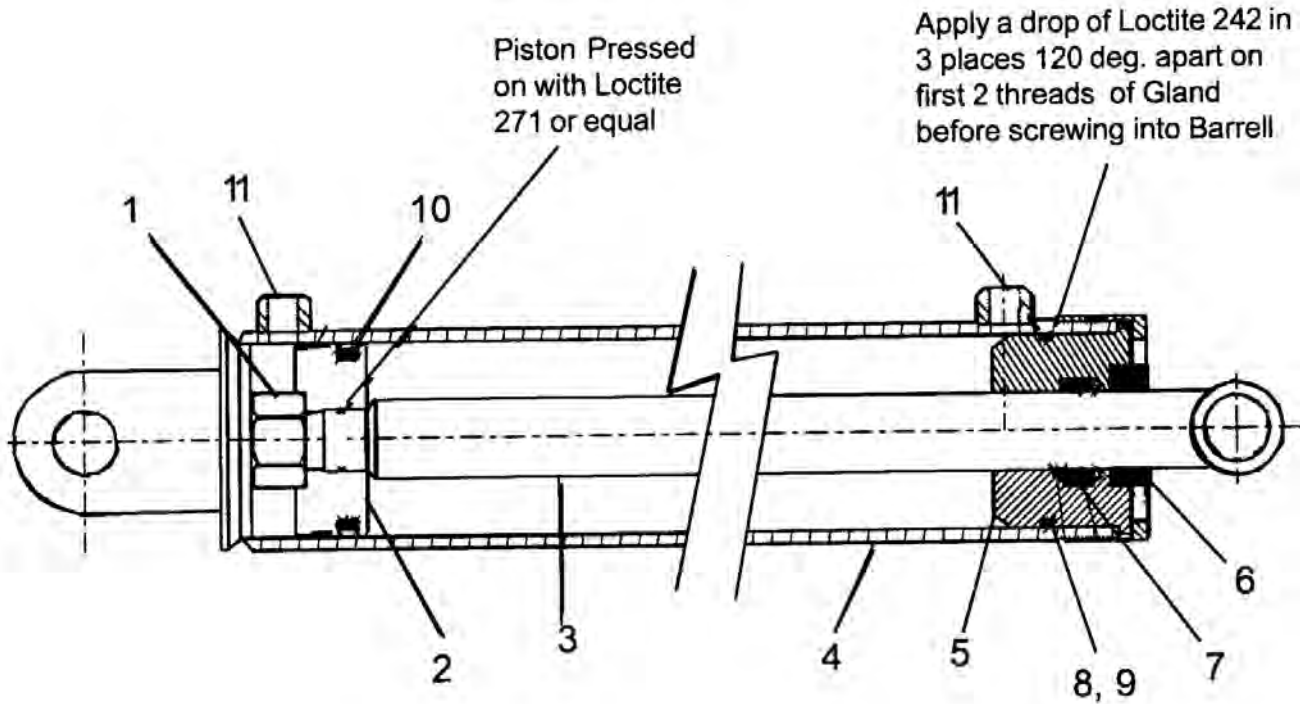


ITEM	PART NO.	QTY.	DESCRIPTION
5	02971963	1	WELDMENT, DOOR
6	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
7	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
8	02981757	2	WELDMENT, PIN, HITCH POST
9	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
10	02967782	1	ROD-HINGE
11	99338S	2	PIN ROLL 1/4 X 3/4
12	02971701	2	NUT SLOT 1-3/8 12NF PLB
13	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
14	651102	1	PIN, DRILLED
15	02976448	1	PIN, 5/8 X 2-1/2 DRILLED @
16	00755153	2	PIN, COTTER 3/16 X 1-1/2 PLATED
19	02885700	2	REAR FLAP 10 X 63 X 3/8 THK
20	02885800	1	REAR CLAMP BAR
21	00759862	2	SHIELD-DEBRIS DEFLECTOR REAR C
22	00756875	1	FLAP HOLD DOWN BAR

60 IN ROTARY - HEAD ASY - SWIVEL - PN 02995116 PART 2**Continued...**

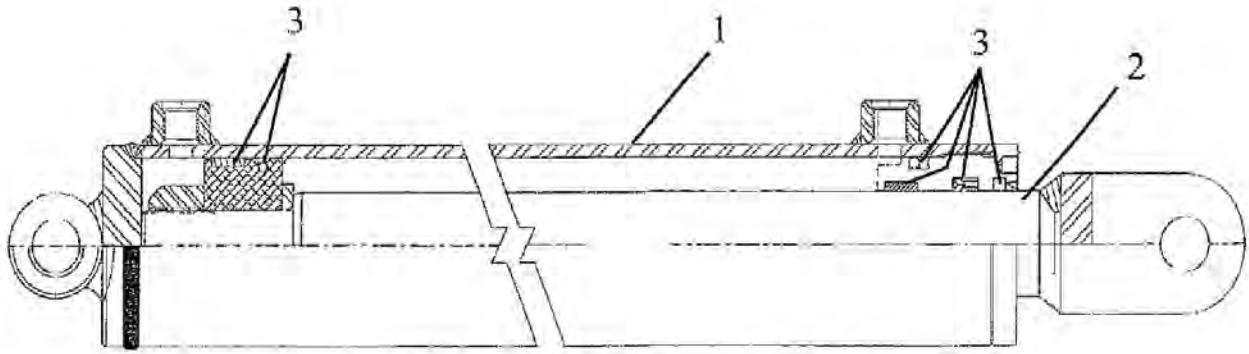
ITEM	PART NO.	QTY.	DESCRIPTION
23	00023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
24	00011100	46	FLATWASHER STD 3/8 - PLATED
25	00015800	37	LOCKNUT TLM 3/8-NC PLC
26	00007000	12	BOLT 3/8NC X 1-3/4 PL5
27	02960018	2	ADP HYD ELBOW 4MB-4MJ90
28	03200762	2	ADP HYD ELBOW 6MB - 4MJ 90 DEG
29	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
30	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
31	02968832	1	VINYL TAPE GREEN 1/2" WIDE
32	02968833	1	VINYL TAPE GREEN 1/4" WIDE
50	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
51	02995908	2	NUT SPRLCK FLG 3/8-16 PL
52	02991555	2	VINYL TAPE WHITE 1/4" WIDE
58	02995471	1	PIN, 3/4" X 1-7/8" U.L.
59	02995472	1	PIN, 3/4" X 4" U.L.
60	002416	4	ROLL PIN 1/4 X 1-1/2 LG

60 IN ROTARY - HYD CYL ASY - DOOR - PN 02961480A



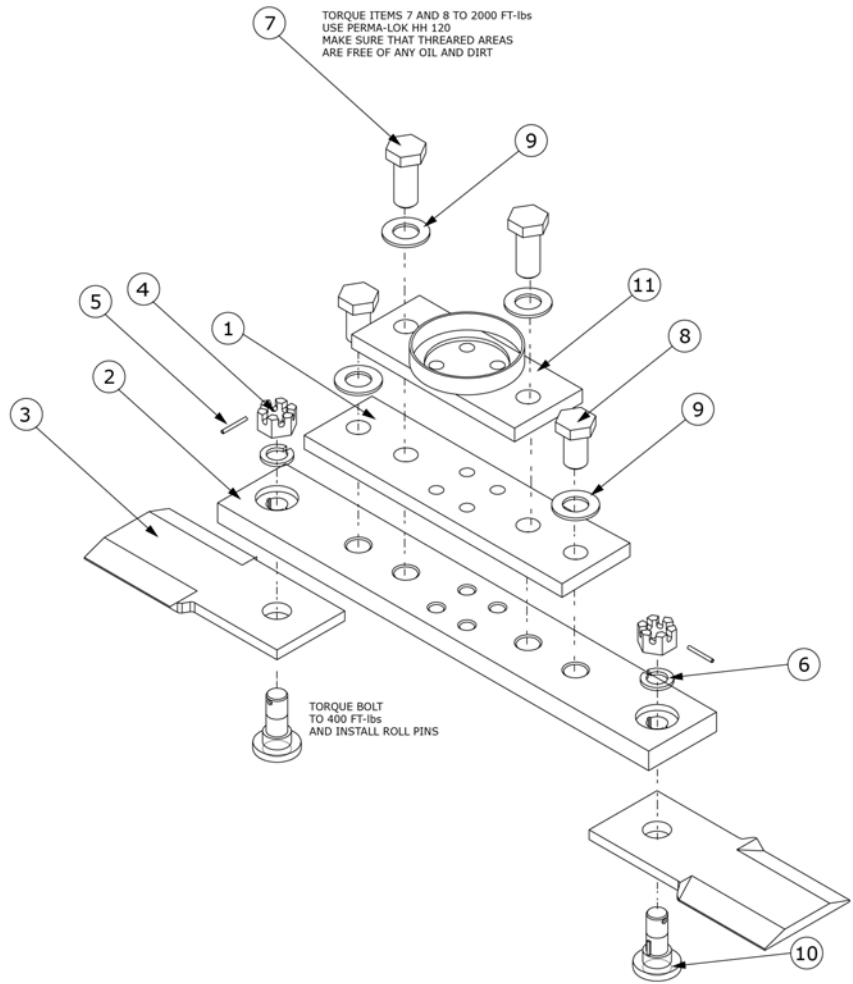
ITEM	PART NO.	QTY.	DESCRIPTION
	02961480A	1	DOOR CYLINDER ASY.
1	5JRC12160	1	LOCKNUT
2	33309	1	PISTON
3	02975865	1	ROD WLD'MT
4	02975866	1	TUBE / BARREL WLD'MT
5	02975867	1	CYLINDER HEAD
6	* SEAL KIT	1	ROD WIPER SEAL (IN ITEM 12)
7	* SEAL KIT	1	ROD SEAL (IN ITEM 12)
8	* SEAL KIT	1	O-RING (IN ITEM 12)
9	* SEAL KIT	1	SEAL (IN ITEM 12)
10	* SEAL KIT	1	PISTON SEAL (IN ITEM 12)
11	-----	2	O-RING F/ O-RING BOSS FITTING
12	02975528	1	SEAL KIT (ITEMS 6 THRU 10)

60 IN ROTARY - HYD CYL ASY - HEAD SWIVEL - PN 02981315



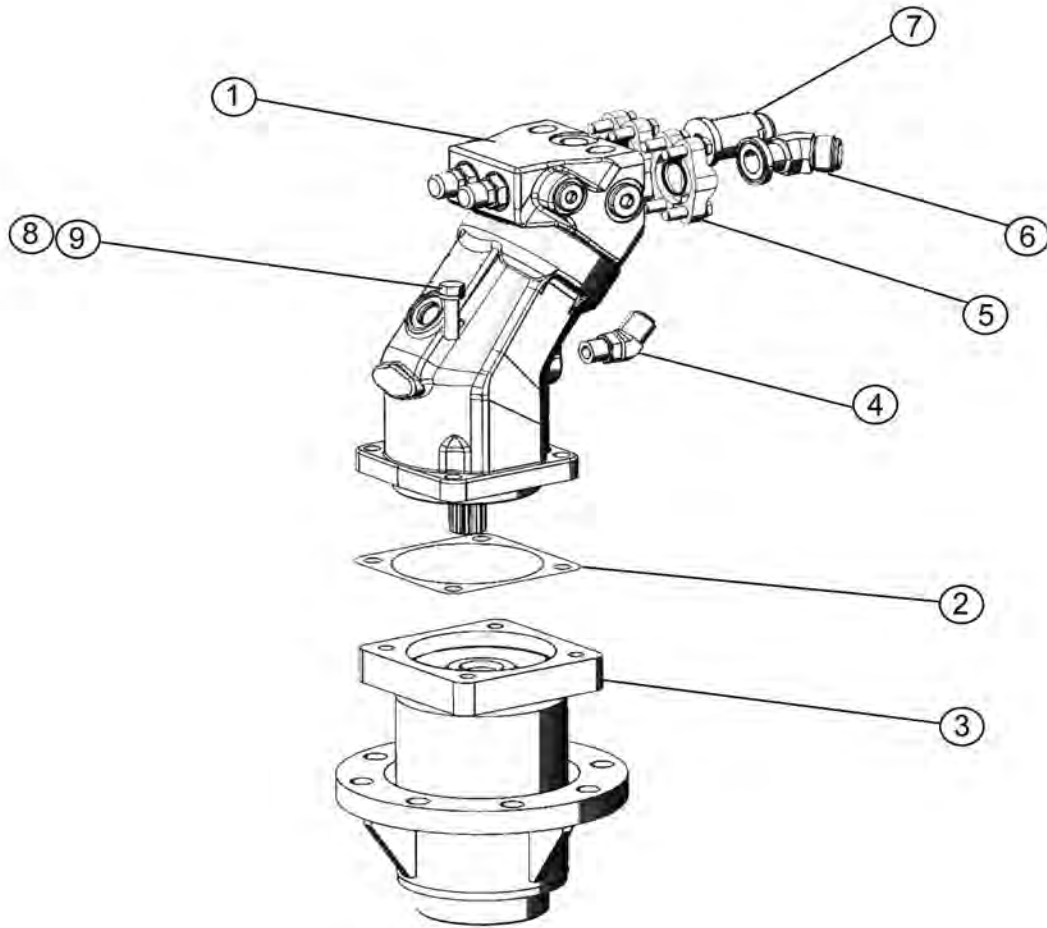
ITEM	PART NO.	QTY.	DESCRIPTION
	02981315	1	HYD CYL ASY, HEAD SWIVEL
1	02981933	1	BARREL WLD'MT
2	02981934	1	ROD ASY
3	02982072	1	SEAL KIT

60 IN ROTARY - BLADE BAR ASY - PN 02969230



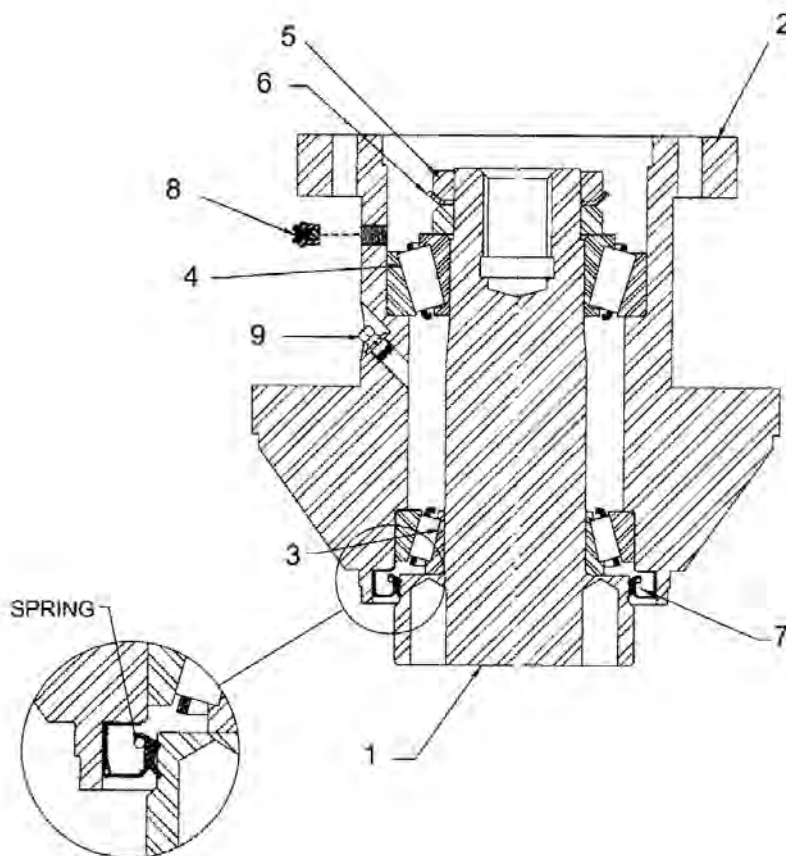
ITEM	PART NO.	QTY.	DESCRIPTION
	02969230	1	ASY,BLADE BAR W/BLADES
1	02969232	1	LEAF,BLADE BAR-MIDDLE
2	02969233	1	LEAF,BLADE BAR-BOTTOM
3	02761500	2	BLADE, FLAT, CW ROT
4	00020900	2	NUT SLOT HVY 1-1/8 NF PL5
5	00023200	2	PIN ROLL 3/16X1-3/4
6	02957089	2	HEAVY, L/W, 1-1/8" YZ PLATED
7	02969235	2	HHCS 1-1/4 NC 3 PL8
8	02969236	2	HHCS 1-1/4 NC 2-1/4 PL8
9	15C2000	4	WASHER, 1.375 X 2.50 X .165, HARDENED
10	02782900	2	BOLT, BLADE - BOOM AXE
11	02971387	1	WLDMT,LEAF BLADE BAR TOP
	02984572	1	KIT, BLADE BOLTS NUTS ROLLPIN

60 IN ROTARY - MOTOR & SPINDLE ASY



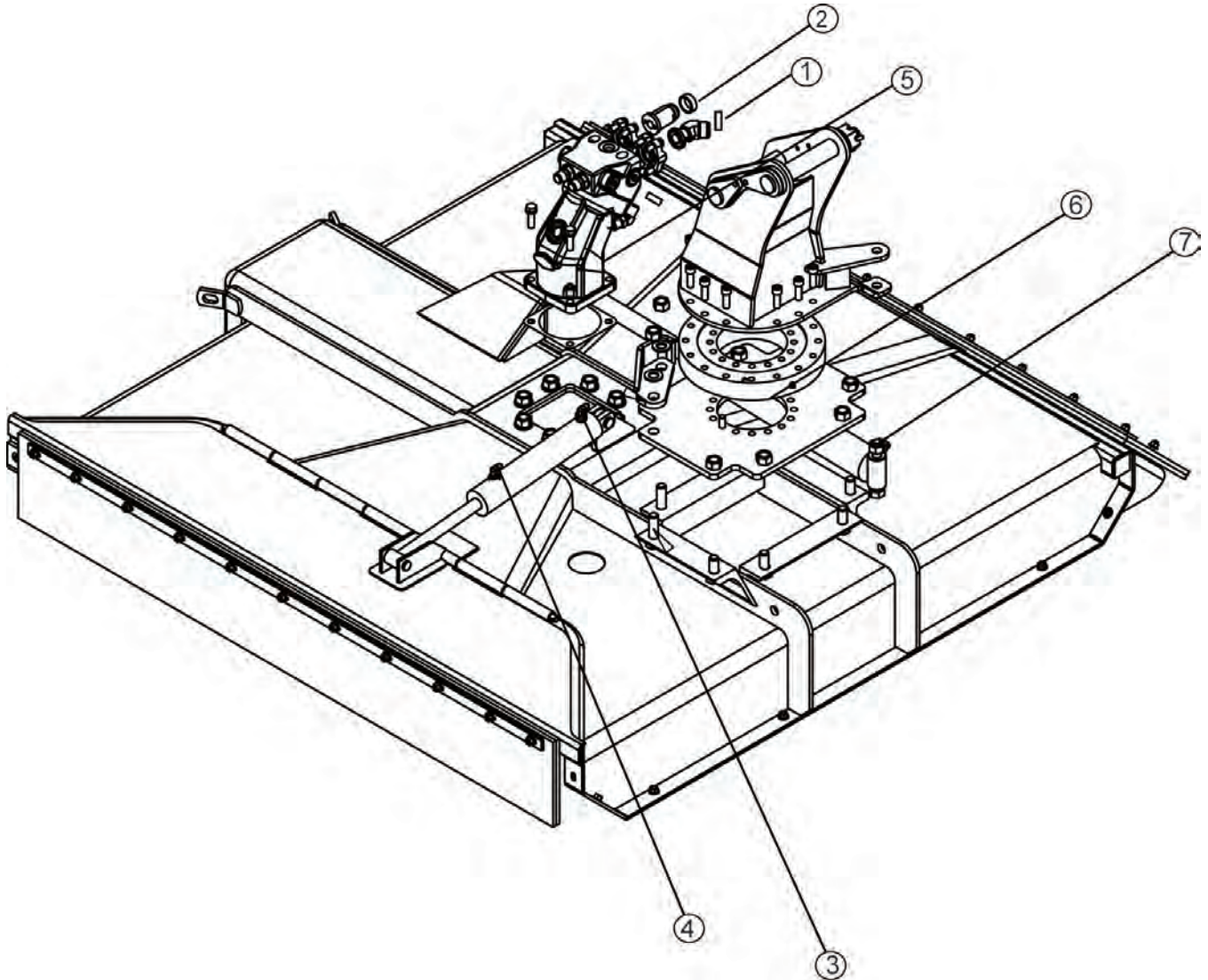
ITEM	PART NO.	QTY.	DESCRIPTION
1	02994360	1	MOTOR PISTON 80CC
2		1	
3	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
4	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
5	02995006	-	KIT, FLANGE,
6	02995007	1	HYD ADP 16FL-16MJ 45 CODE 62
7	02994955	1	HYD ADP 16FL-16MJ CODE 62
8	02891800	1	HHCS 1/2 NC 1-3/4 PL8
9	00019600	1	LOCKWASHER, 1/2, HVY, PL
----	02997363	1	SEAL KIT, BOSCH AA2FM-80
	02997364	1	RELIEF, RETRN, BOSCH AA2FM-80
	02997365	1	RELIEF, PRESS, BOSCH AA2FM-80

60 IN ROTARY - SPINDLE ASY - PN 02968859



ITEM	PART NO.	QTY.	DESCRIPTION
	02968859	1	SPINDLE ASY
1	02967204	1	SPINDLE SHAFT, SPLINED
2	02967126	1	HOUSING, MACHINED SPINDLE
3	02967197	1	BEARING ASY, CUP & CONE, LOWER
4	02967196	1	BEARING ASY, CUP & CONE, UPPER
5	02909500	2	ADJUSTING NUT, 2.360-18 PITCH
6	02909600	1	TABBED LOCKWASHER, BEARING ADJUSTING NUT LOCK
7	02967198	1	SEAL
8	02959018	1	GREASE RELIEF FITTING, 1-5LBS
9	00003500	1	GREASE FITTING, 1/8" STRAIGHT

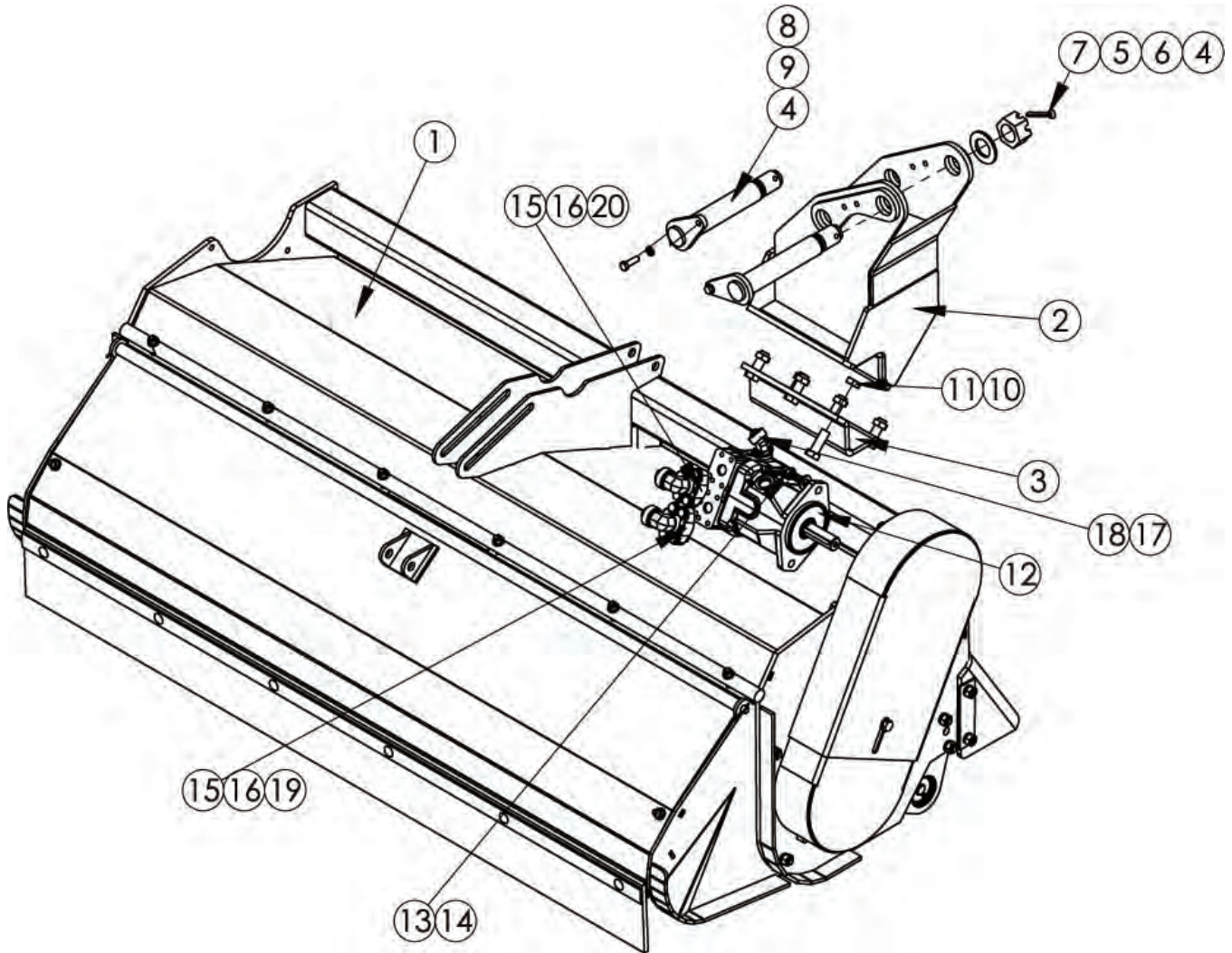
60 IN ROTARY - HYD HOSE ROUTING



ITEM	PART NO.	QTY.	DESCRIPTION
1	02968874	1	HOSE, # 16 - 16FJX - 16FJX - 60"LG - RED TIE (MOTOR PRESSURE)
2	02968875	1	HOSE, # 16 -16FJX - 16FJX 45' - 68"LG BLU TIE (MOTOR RETURN)
3	02968877	1	HOSE, # 4 - 4FJX - 4FJX - 80"LG - YEL/WHT TIE (DOOR BASE)
4	02968878	1	HOSE, # 4 - 4FJX - 4FJX - 88"LG - YEL TIE (DOOR ROD)
5	02995104	1	HOSE, #12-12FJX 72" LG GRN TIE
6	02981844	1	HOSE, # 4 - 4FJX - 4FJX - 77"LG - GRN TIE - (SWIVEL ROD)
7	02981845	1	HOSE, # 4 - 4FJX - 4FJX - 77"LG - GRN/WHT TIE- (SWIVEL BASE)

SECTION 20 FLAILS

60 IN GRASS FLAIL HD -PISTON PN 02998978



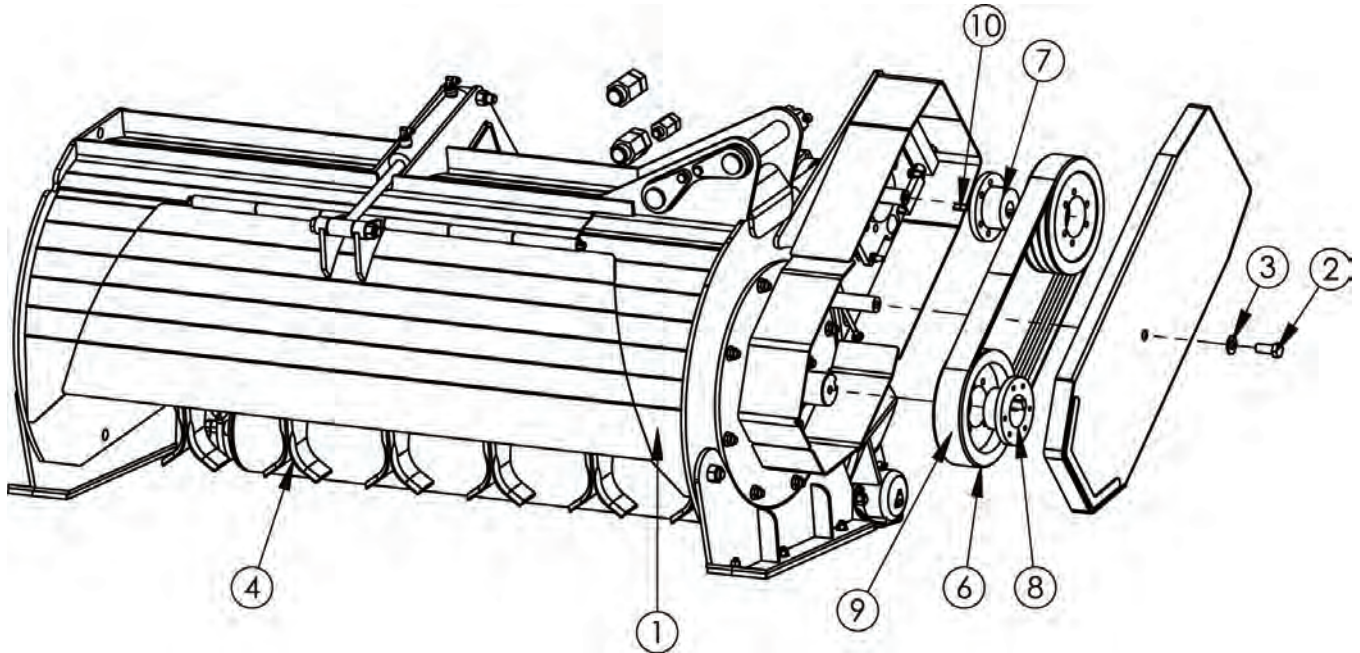
ITEM	PART NO.	QTY.	DESCRIPTION
1	02998605	1	60" FLAIL HEAD N/D
2	02988187	1	WLDMT, HITCHPOST GRASSFLAIL
3	02968245	1	PLATE- CLAMP
4	02981757	2	WELDMENT, PIN, HITCH POST
5	02971701	2	NUT SLOT 1-3/8 12NF PLB
6	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
7	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
8	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
9	00012101	2	LOCKWASHER, 3/8, HVY, PL
10	00008300	6	HHCS 5/8 NC 1-3/4 PL5
11	00695100	6	NUT, TOPLOCK 5/8 NC PLC
12	32120413	1	MOTOR, 37CC PISTON CL
13	02994389	2	HHCS M12 - 1.75 x 25MM
14	00759635	2	WASHER, FLAT 1/2 HARDND NONPLT

60 IN GRASS FLAIL HD -PISTON PN 02998978

Continued...

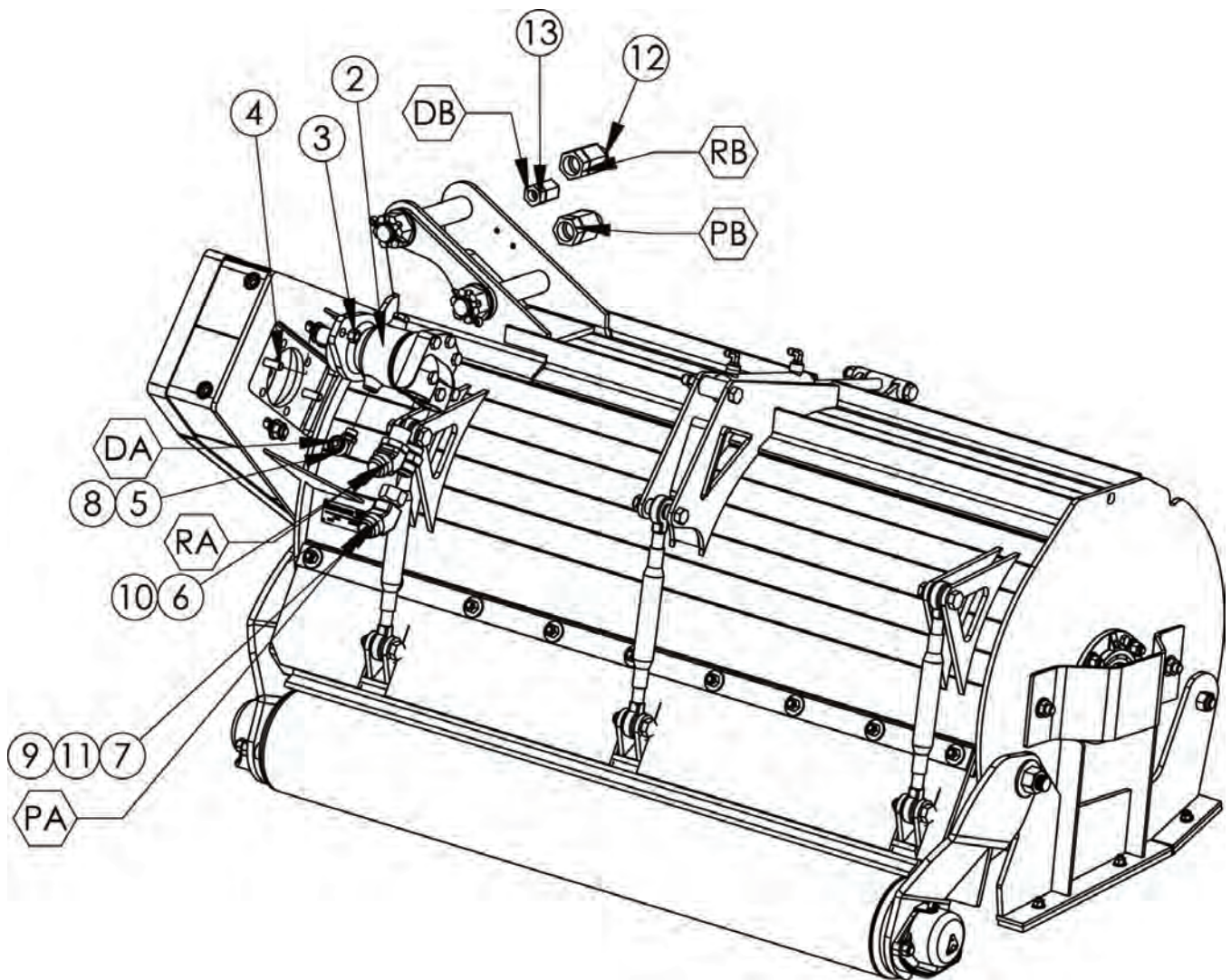
ITEM	PART NO.	QTY.	DESCRIPTION
15	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
16	32120623	2	HYD ADP 12FL62-16MJ 90
17	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG
18	02991249	1	VINYL TAPE GREEN 1/2" WIDE
19	02968896	1	VINYL TAPE BLUE 1/2" WIDE
20	02968894	1	VINYL TAPE RED 1/2" WIDE

ASY, BATTLEAXE, PC, 2Y PISTON (NON-SWIVEL) PART 1 PN 02994573



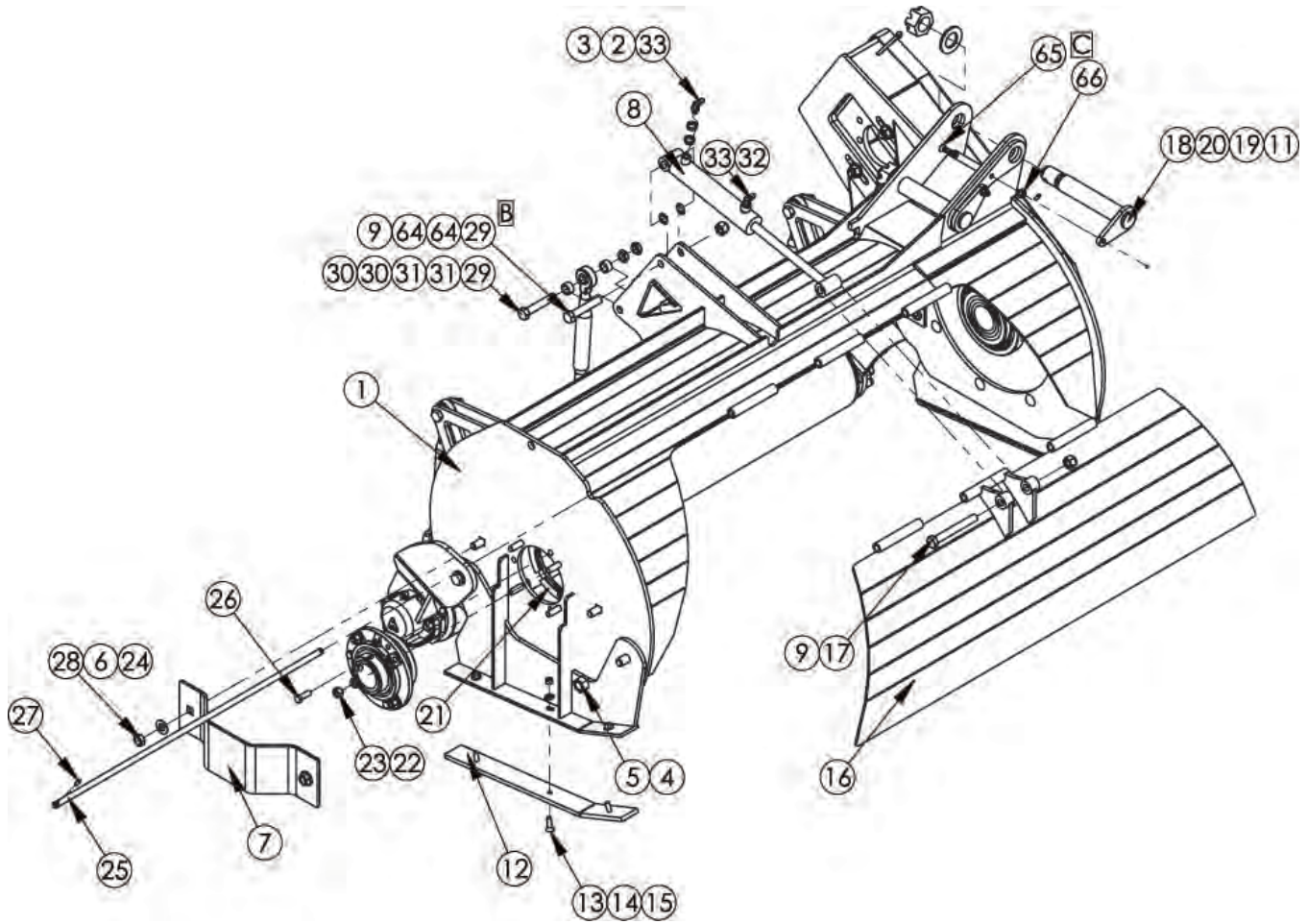
ITEM	PART NO.	QTY.	DESCRIPTION
1	02994574	1	ASY, HOUSING, BATTAXE, PC
2	02675800	1	HHCS 5/8-11 X 1-1/2 PL5
3	00756077	7	WASHER,5/8 HARDENED - PLATED
4	02994575	1	ASY, SHAFT, BATTAXE, 2Y
5	02994782	1	KIT, DRIVE, PISTON BATTAXE
6	02967325	2	PULLEY, 3G5V-8.50 DIA.
7	02970725	1	HUB QD-SF 1-1/8DIA.BORE
8	02992576	1	HUB, QD SF 2.375
9	02994781	1	BELT 5V BONDED 3-RIB 63LG
10	03200521	1	STEP KEY 1/4 X 5/16

ASY, BATTLEAXE, PC, 2Y PISTON (NON-SWIVEL) PART 2 PN 02994573



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994782	1	KIT, DRIVE, PISTON BATTAXE
2	02970763	1	MOTOR,PISTON-2.48 CU.IN./REV
3	00001800	2	LOCKNUT TLM 1/2 NC PLC
4	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
5	02991249	1	VINYL TAPE GREEN 1/2" WIDE
6	02968896	1	VINYL TAPE BLUE 1/2" WIDE
7	02968894	1	VINYL TAPE RED 1/2" WIDE
8	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
9	02957622	1	ADP HYD STGHT 16MB-16MJ
10	02043600	1	ADP HYD ELBOW 16MB -16MJ 45
11	02959154	1	ADP HYD ELBOW 16MJ -16FJX 45
12	02994779	2	HYD SWIVEL 16FJ-16MJ ST
13	02994780	1	HYD SWIVEL 08FJ-08MJ ST

ASY, HOUSING, BATTLEAXE PC PART 1 PN 02994574

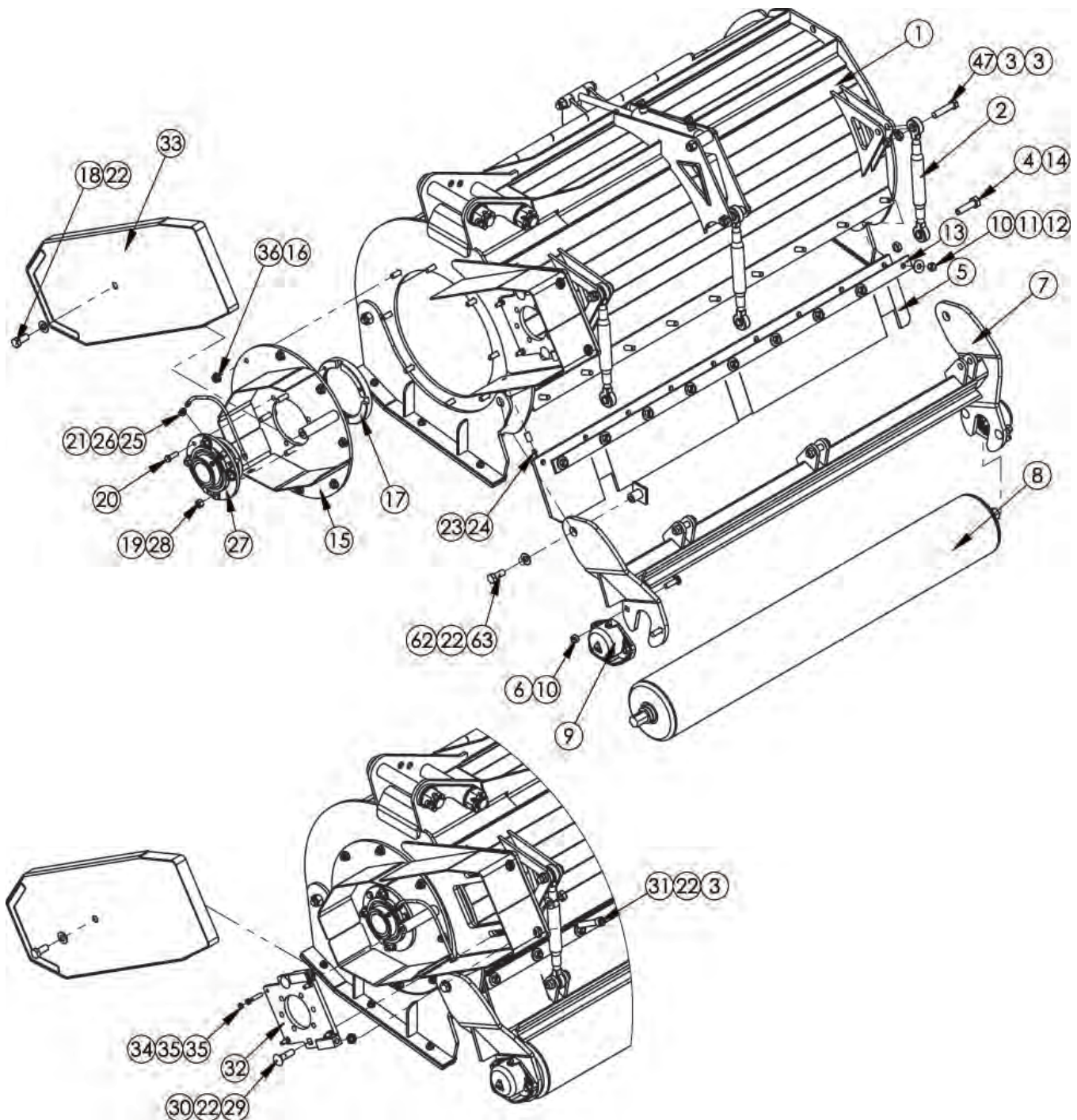


ITEM	PART NO.	QTY.	DESCRIPTION
1	02994576	1	WLDMT, HOUSING, BATTAXE PC
2	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
3	02991555	1	VINYL TAPE WHITE 1/4" WIDE
4	02963645	2	HHCS 3/4 NC 1-3/4 PL8
5	00037200	2	NUT,HEX TOPLOCK 3/4 NC GR.C PL
6	00756077	9	WASHER,5/8 HARDENED - PLATED
7	02992592	1	GUARD, BEARING
8	02981316	1	CYLINDER, DOOR
9	02991279	2	TOP LOCKNUT NYLON 5/8 NC PL8
11	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
12	02994581	2	PLATE, SKID SHOE, BATTAXE
13	00059700	6	FSCS 3/8 NC 1-1/4
14	15B600	6	WASHER 3/8 SAE PLT
15	00015800	6	LOCKNUT TLM 3/8-NC PLC
16	02994584	1	WLDMT, DOOR, BATTAXE
17	02957007	1	HHCS 5/8 NC 5 PL8
18	02981757	2	WELDMENT, PIN, HITCH POST

ASY, HOUSING, BATTLEAXE PC PART 1 PN 02994574**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
19	02971701	2	NUT SLOT 1-3/8 12NF PLB
20	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
21	02992600	2	COVER, BEARING/TUBE
22	83201164	8	HHCS, 1/2-20 X 1-3/4 GR8 -ZN
23	02716500	8	NUT TOPLOCK 1/2-20 PL GRC
24	02992643	2	CARB 5/8 NC 1-1/2 PL5
25	02994585	1	ROD-HINGE, 1/2" DIA, BATTAXE
26	02976344	6	HHCS 7/16 NC 1-1/4 PL8
27	993385	2	PIN ROLL 1/4 X 3/4
28	00695100	5	NUT, TOPLOCK 5/8 NC PLC
29	7B101128	2	HHCS 5/8 NC 3-1/2 PL8
30	00013500	8	NUT JAM HEX 5/8 NC PL
31	02994765	2	TUBE, LNK SPACER, BATTAXE
32	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
33	02960018	2	ADP HYD ELBOW 4MB-4MJ90
64	02995187	2	SHIM 5/8" X .03 STNLS
65	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
66	02995908	2	NUT SPRLCK FLG 3/8-16 PL

ASY, HOUSING, BATTLEAXE PC PART 2 PN 02994574



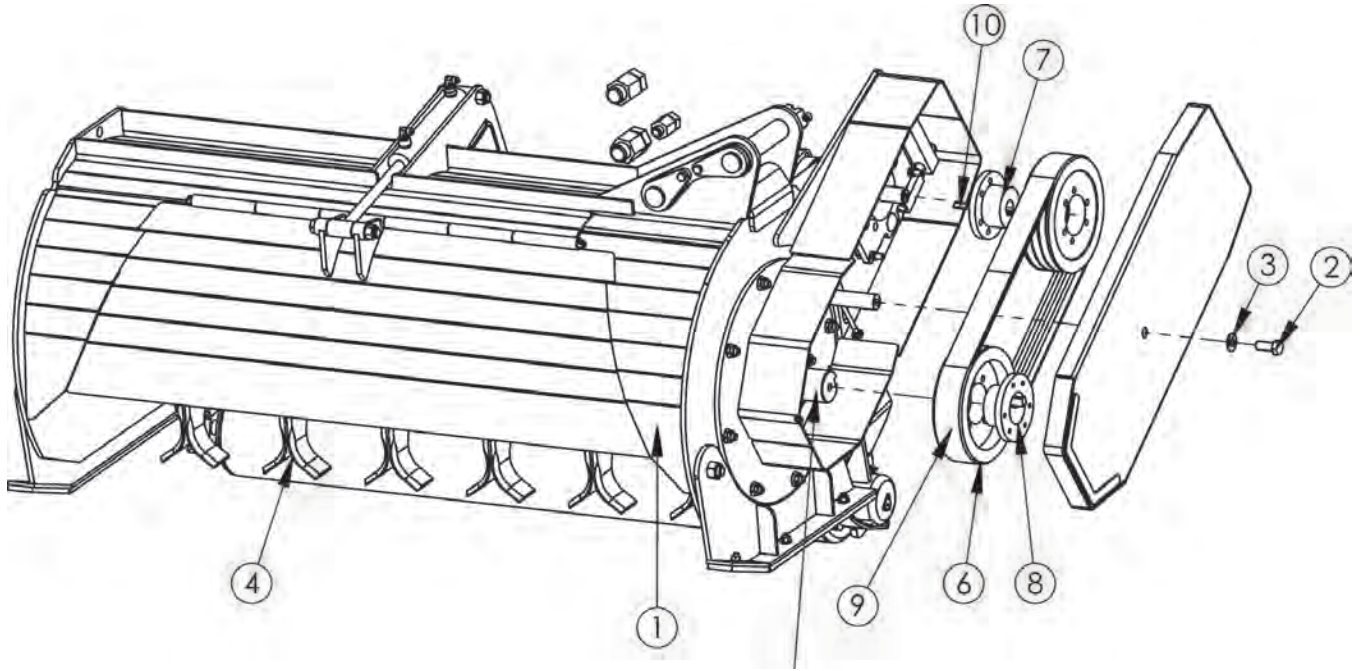
ITEM	PART NO.	QTY.	DESCRIPTION
1	02994576	1	WLDMT, HOUSING, BATTAXE PC
2	02994579	3	TOPLINK, RLR ADJ, BATTAXE
3	00013500	8	NUT JAM HEX 5/8 NC PL
4	00755082	3	HEXB 5/8 NC 2-1/2PL8
5	02994587	1	FLAP, RUBBER, REAR, BATTAXE

ASY, HOUSING, BATTLEAXE PC PART 2 PN 02994574

Continued...

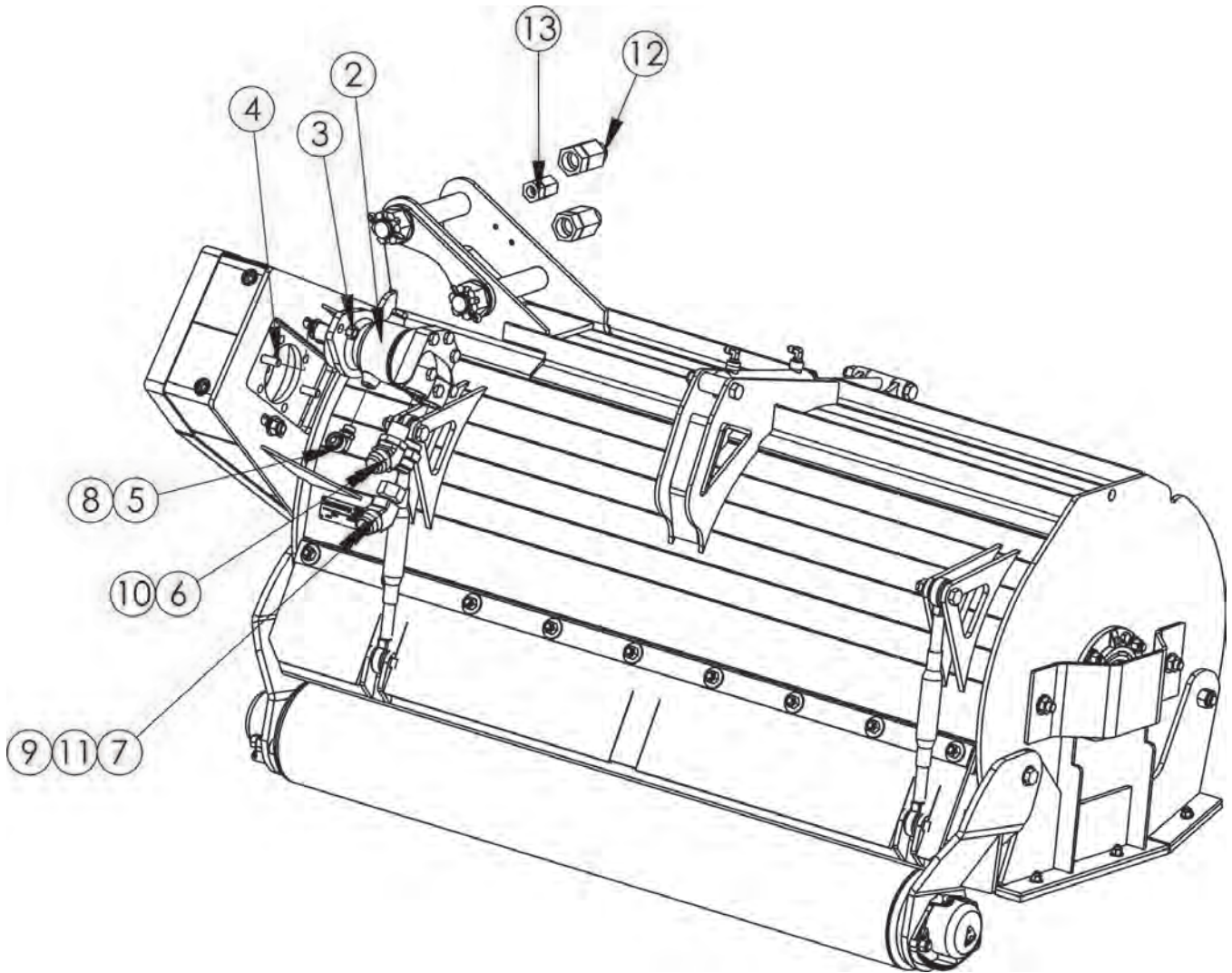
ITEM	PART NO.	QTY.	DESCRIPTION
6	000516	4	CARB 1/2 NC 1-3/4 PL5
7	02994586	1	WLDMT, ROLLER STRUC, BATTAXE
8	02994583	1	WLDMT, REAR ROLLER, BATTAXE
9	703976	2	ASY- ROLLER BRG W/HEX BORE
10	00001800	13	LOCKNUT TLM 1/2 NC PLC
11	00002700	9	FLATWASHER 1/2 PL STD
12	00748823	9	HHCS 1/2-13UNC 1-1/2 GR.5 PL
13	02992630	1	STRAP, CLAMP, FLAP
14	00695100	5	NUT, TOPLOCK 5/8 NC PLC
15	02992586	1	WLDMT, SHAFT END, BATTLE AXE
16	02886900	8	CARB 1/2-13 NC X 1-1/2 PL5
17	02992600	2	COVER, BEARING/TUBE
18	02675800	1	HHCS 5/8-11 X 1-1/2 PL5
19	83201164	8	HHCS, 1/2-20 X 1-3/4 GR8 -ZN
20	02976344	6	HHCS 7/16 NC 1-1/4 PL8
21	00011100	1	FLATWASHER STD 3/8 - PLATED
22	00756077	9	WASHER, 5/8 HARDENED - PLATED
23	002348	1	COUPLING- 1/8 FP SCH.40
24	00003500	1	FITTING, GREASE 1/8 MP STRAIGHT
25	02994271	1	FTG 1/8NPTF-1/8NPTM 45DEG
26	02994287	1	HOSE 1/8NPTM-1/8NPTM 12LG
27	02992579	2	BEARING, SHAFT, FA52
28	02716500	8	NUT TOPLOCK 1/2-20 PL GRC
29	02992644	2	CARB 5/8 NC 2-1/4 PL5
30	00010400	2	NUT 5/8 NC HEX PL
31	02975033	2	SHCS 5/8 NC 3-1/2 PL8
32	02992616	1	WLDMT, MOTOR TENSION
33	02992590	1	WLDMT, BELT GUARD
34	02970583	4	SHSS 3/8-NF X 1-1/2 PL5
35	23504500	8	NUT, JAM 3/8 NF PLB
36	6D9018	8	FLG WHIZLOCK NUT 1/2-13 ZINC
47	02979818	2	HHCS 5/8-11UNC X 2 3/4 PL8
62	02995141	2	WLDMT, REAR PIVOT PIN, BA
63	02976387	2	HHCS 5/8 NC 1-1/2 PL8

ASY, BATTLEAXE, 2Y PISTON PART 1 PN 02995170



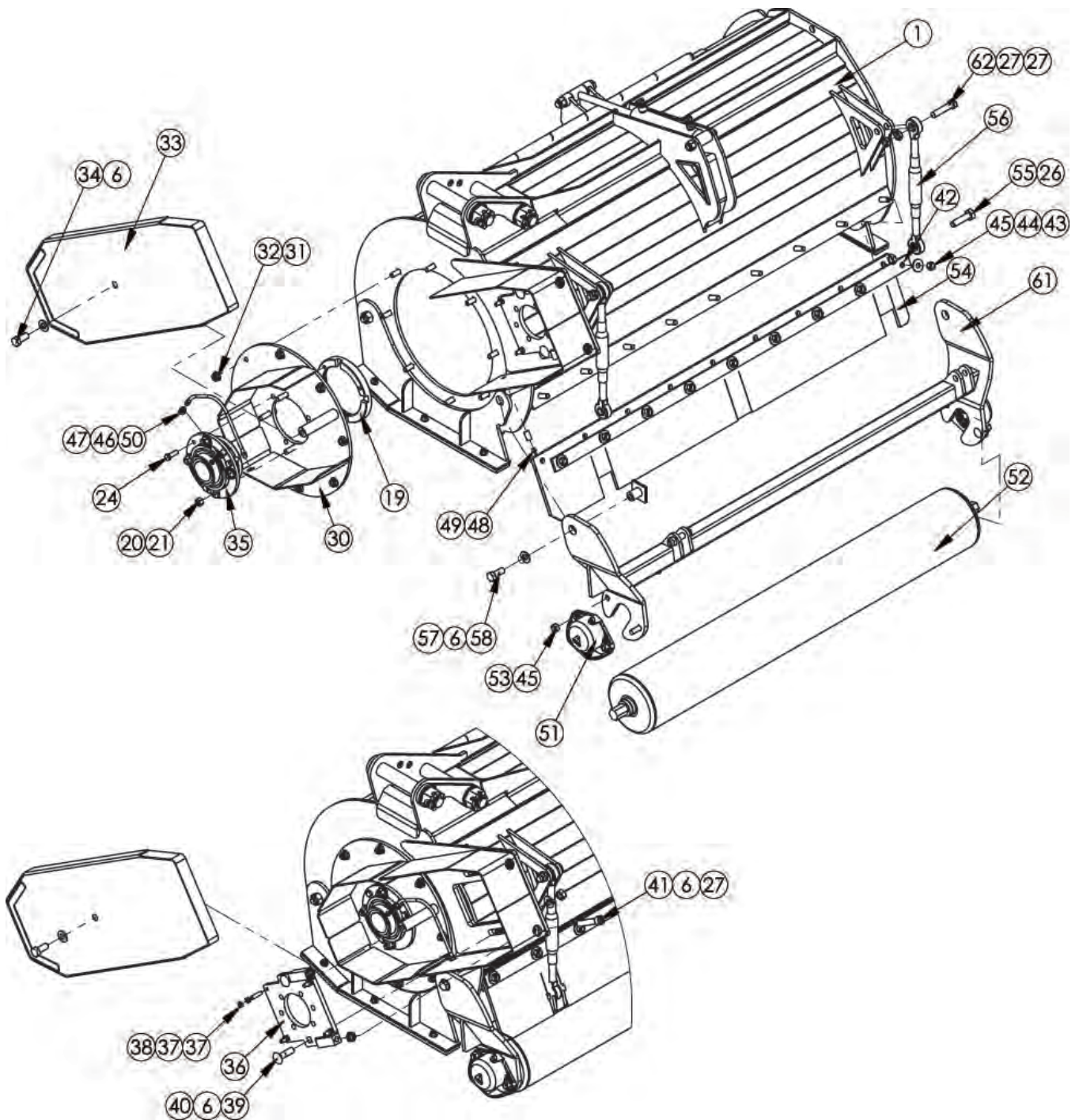
ITEM	PART NO.	QTY.	DESCRIPTION
1	02995169	1	ASY, SUB, BATTLE AXE STD
2	02675800	1	HHCS 5/8-11 X 1-1/2 PL5
3	00756077	9	WASHER,5/8 HARDENED - PLATED
4	02994575	1	ASY, SHAFT, BATTAXE, 2Y
5	02994782	1	KIT, DRIVE, PISTON BATTAXE
6	02967325	2	PULLEY, 3G5V-8.50 DIA.
7	02970725	1	HUB QD-SF 1-1/8DIA.BORE
8	02992576	1	HUB, QD SF 2.375
9	02994781	1	BELT 5V BONDED 3-RIB 63LG
10	03200521	1	STEP KEY 1/4 X 5/16

ASY, BATTLEAXE, 2Y PISTON PART 2 PN 02995170



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994782	1	KIT, DRIVE, PISTON BATTAXE
2	02970763	1	MOTOR,PISTON-2.48 CU.IN./REV
3	00001800	2	LOCKNUT TLM 1/2 NC PLC
4	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
5	02991249	1	VINYL TAPE GREEN 1/2" WIDE
6	02968896	1	VINYL TAPE BLUE 1/2" WIDE
7	02968894	1	VINYL TAPE RED 1/2" WIDE
8	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
9	02957622	1	ADP HYD STGHT 16MB-16MJ
10	02043600	1	ADP HYD ELBOW 16MB -16MJ 45
11	02959154	1	ADP HYD ELBOW 16MJ -16FJX 45
12	02994779	2	HYD SWIVEL 16FJ-16MJ ST
13	02994780	1	HYD SWIVEL 08FJ-08MJ ST

ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 1) PN 02995169



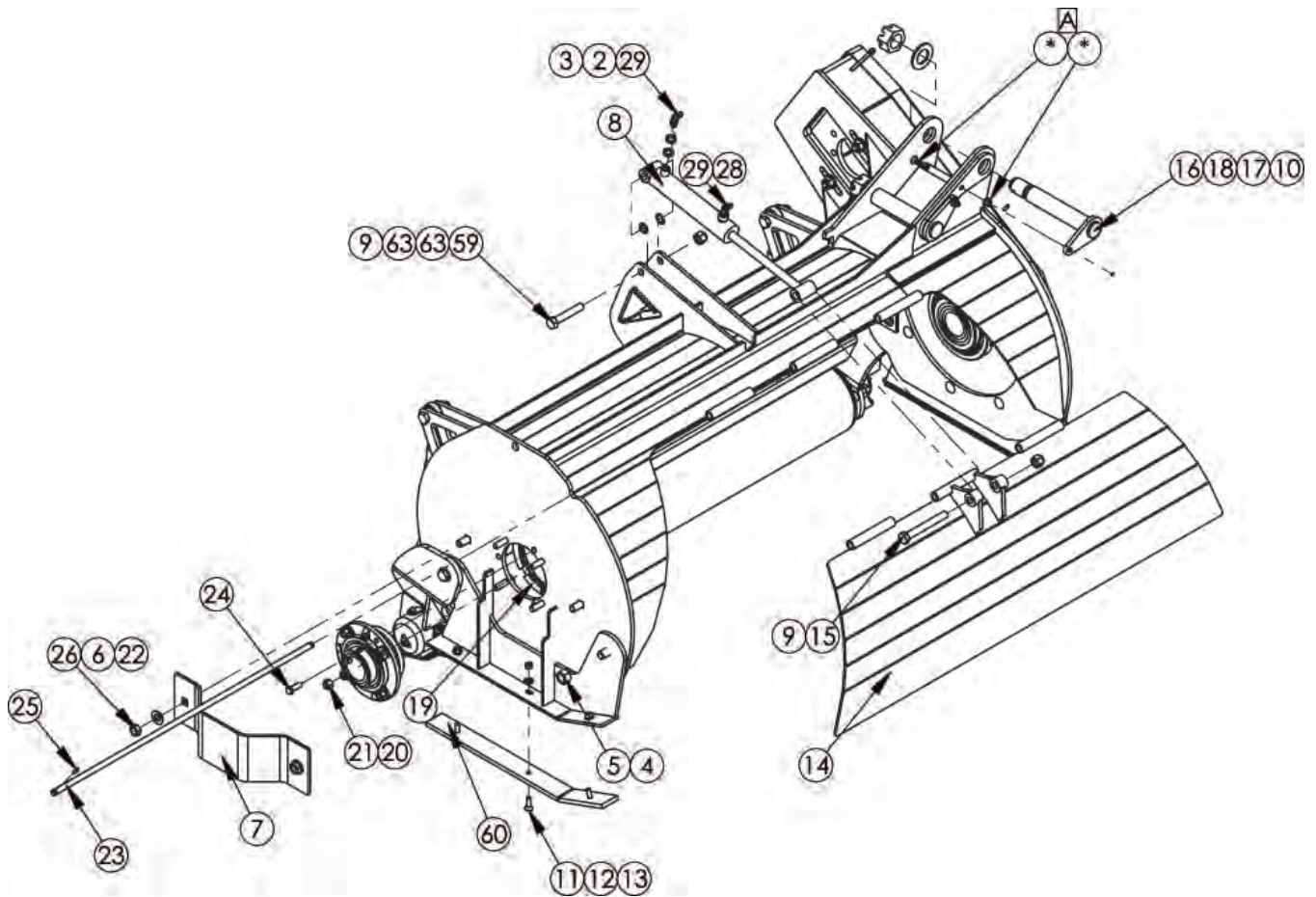
ITEM	PART NO.	QTY.	DESCRIPTION
1	02995168	1	WLDMT, HSG, BATTLE AXE
2	02995180	2	LINK, SKID ADJUST, STD
3	00013500	6	NUT JAM HEX 5/8 NC PL
4	00755082	2	HEXB 5/8 NC 2-1/2PL8
5	02994587	1	FLAP, RUBBER, REAR, BATTAXE

ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 1) PN 02995169

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
6	000516	4	CARB 1/2 NC 1-3/4 PL5
7	02994583	1	WLDMT, REAR ROLLER, BATTAXE
8	703976	2	ASY- ROLLER BRG W/HEX BORE
9	00001800	13	LOCKNUT TLM 1/2 NC PLC
10	00002700	9	FLATWASHER 1/2 PL STD
11	00748823	9	HHCS 1/2-13UNC 1-1/2 GR.5 PL
12	02992630	1	STRAP, CLAMP, FLAP
13	00695100	4	NUT, TOPLOCK 5/8 NC PLC
14	02992586	1	WLDMT, SHAFT END, BATTLE AXE
15	02886900	8	CARB 1/2-13 NC X 1-1/2 PL5
16	02992600	2	COVER, BEARING/TUBE
17	02675800	1	HHCS 5/8-11 X 1-1/2 PL5
18	83201164	8	HHCS, 1/2-20 X 1-3/4 GR8 -ZN
19	02976344	6	HHCS 7/16 NC 1-1/4 PL8
20	00011100	1	FLATWASHER STD 3/8 - PLATED
21	00756077	9	WASHER, 5/8 HARDENED - PLATED
22	002348	1	COUPLING- 1/8 FP SCH.40
23	00003500	1	FITTING, GREASE 1/8 MP STRAIGHT
24	02994271	1	FTG 1/8NPTF-1/8NPTM 45DEG
25	02994287	1	HOSE 1/8NPTM-1/8NPTM 12LG
26	02992579	2	BEARING, SHAFT, FA52
27	02716500	8	NUT TOPLOCK 1/2-20 PL GRC
28	02992644	2	CARB 5/8 NC 2-1/4 PL5
29	00010400	2	NUT 5/8 NC HEX PL
30	02975033	2	SHCS 5/8 NC 3-1/2 PL8
31	02992616	1	WLDMT, MOTOR TENSION
32	02992590	1	WLDMT, BELT GUARD
33	02970583	4	SHSS 3/8-NF X 1-1/2 PL5
34	23504500	8	NUT, JAM 3/8 NF PLB
35	6D9018	8	FLG WHIZLOCK NUT 1/2-13 ZINC
57	02995141	2	WLDMT, REAR PIVOT PIN, BA
58	02976387	2	HHCS 5/8 NC 1-1/2 PL8
61	02995182	1	WLDMT, ADJ. ROLL FRM, BA
62	02979818	2	HHCS 5/8-11UNC X 2 3/4 PL8

ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 2) PN 02995169

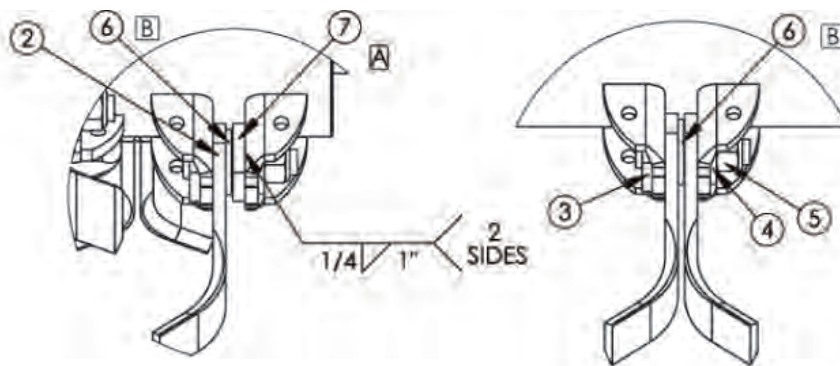


ITEM	PART NO.	QTY.	DESCRIPTION
2	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
3	02991555	1	VINYL TAPE WHITE 1/4" WIDE
4	02963645	2	HHCS 3/4 NC 1-3/4 PL8
5	00037200	2	NUT,HEX TOPLOCK 3/4 NC GR.C PL
6	00756077	9	WASHER,5/8 HARDENED - PLATED
7	02992592	1	GUARD, BEARING
8	02981316	1	CYLINDER, DOOR
9	02991279	2	TOP LOCKNUT NYLON 5/8 NC PL8
10	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
11	00059700	6	FSCS 3/8 NC 1-1/4
12	15B600	6	WASHER 3/8 SAE PLT
13	00015800	6	LOCKNUT TLM 3/8-NC PLC
14	02994584	1	WLDMT, DOOR, BATTAXE
15	02957007	1	HHCS 5/8 NC 5 PL8
16	02981757	2	WELDMENT, PIN, HITCH POST
17	02971701	2	NUT SLOT 1-3/8 12NF PLB
18	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
19	02992600	2	COVER, BEARING/TUBE

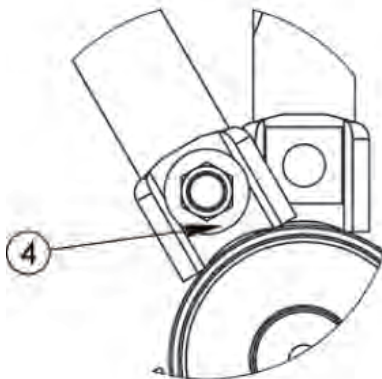
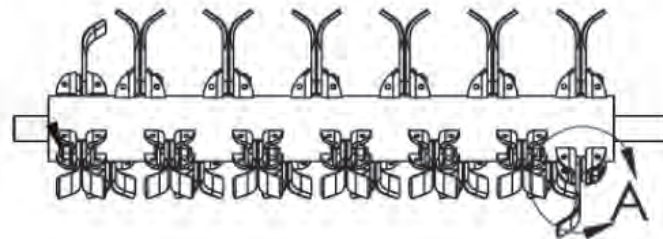
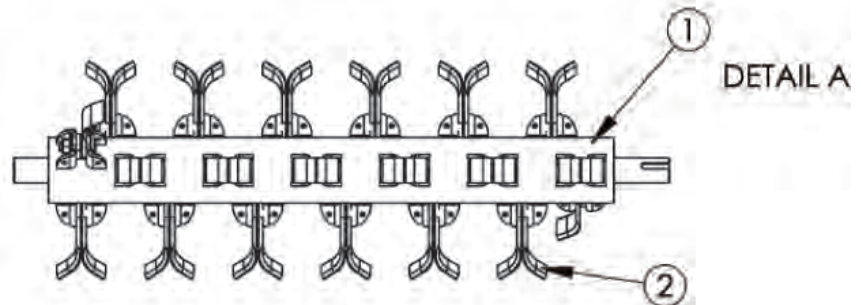
ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 2) PN 02995169**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
20	83201164	8	HHCS, 1/2-20 X 1-3/4 GR8 -ZN
21	02716500	8	NUT TOPLOCK 1/2-20 PL GRC
22	02992643	2	CARB 5/8 NC 1-1/2 PL5
23	02994585	1	ROD-HINGE, 1/2" DIA, BATTAXE
24	02976344	6	HHCS 7/16 NC 1-1/4 PL8
25	99338S	2	PIN ROLL 1/4 X 3/4
26	00695100	4	NUT, TOPLOCK 5/8 NC PLC
27	00013500	6	NUT JAM HEX 5/8 NC PL
28	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
29	02960018	2	ADP HYD ELBOW 4MB-4MJ90
59	7B101128	1	HHCS 5/8 NC 3-1/2 PL8
60	02995181	2	SHOE, SKID, BATTAXE STD
63	02995187	2	SHIM 5/8" X .03 STNLS
64	02995907	1	FSCS 3/8-16 X 1-3/4 PL8
65	02995908	1	NUT SPRLCK FLG 3/8-16 PL

ASY BATTLE AXE CUTTERSHAFT 2Y PN 02994575



DETAIL B
SCALE 1 : 4



DETAIL C

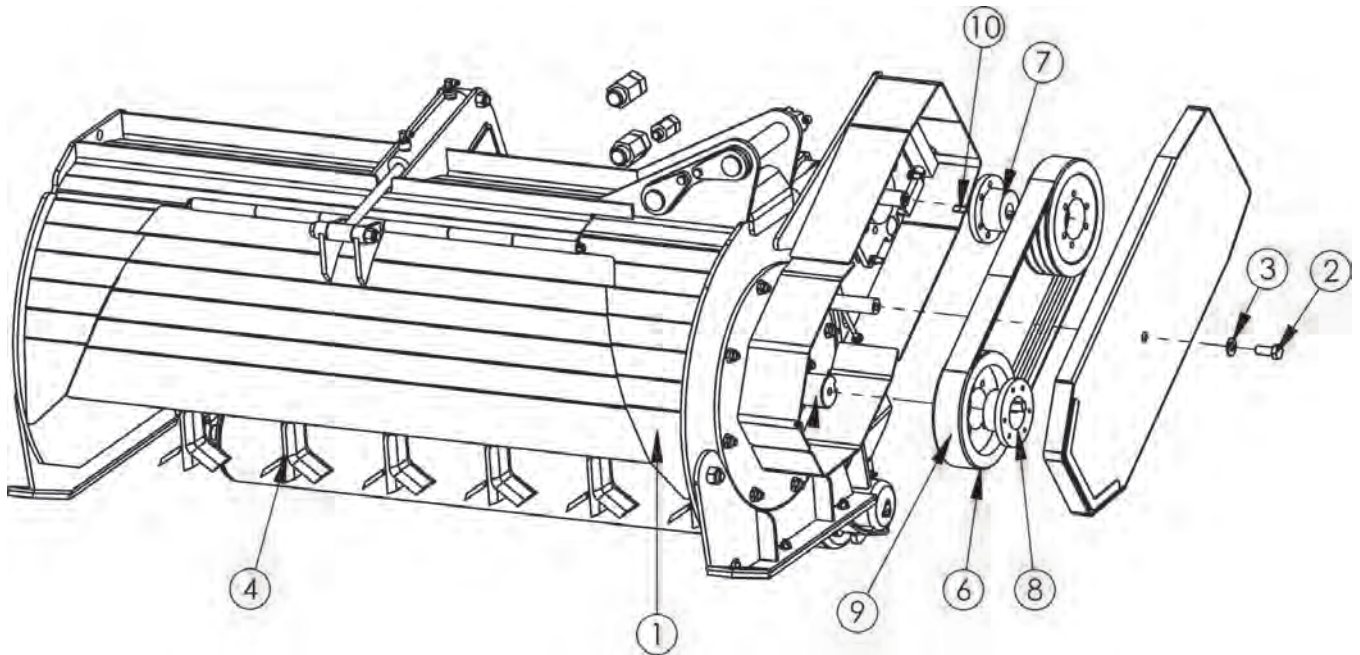
*NOTE: MUST ORDER BLADE KITS FOR REPLACEMENTS. INCLUDES ALL NECESSARY KNIVES AND HARDWARE.

ASY BATTLE AXE CUTTERSHAFT 2Y PN 02994575**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994249	1	ASY, SHAFT WITH EARS, B/A
2	02992560	38	Y-KNIFE, FLAIL, 2LB (*SEE NOTE)
3	02994251	20	PIN, BLADE, 25MM (*SEE NOTE)
4	02994256	20	WASHER, BLADE, 25MM (*SEE NOTE)
5	02994259	20	NUT TOPLOCK NYLON M20-1.5 (*SEE NOTE)
6	9216	20	WASHER, STRUCTURAL 1 (*SEE NOTE)
7	02995137	2	PLATE, IDIT, BA SHAFT
-----	02996916	1	KIT,COMPL,2LBS Y-KNVS,BA52
	02996917	1	SET,2LB Y-KNVS,BA-52

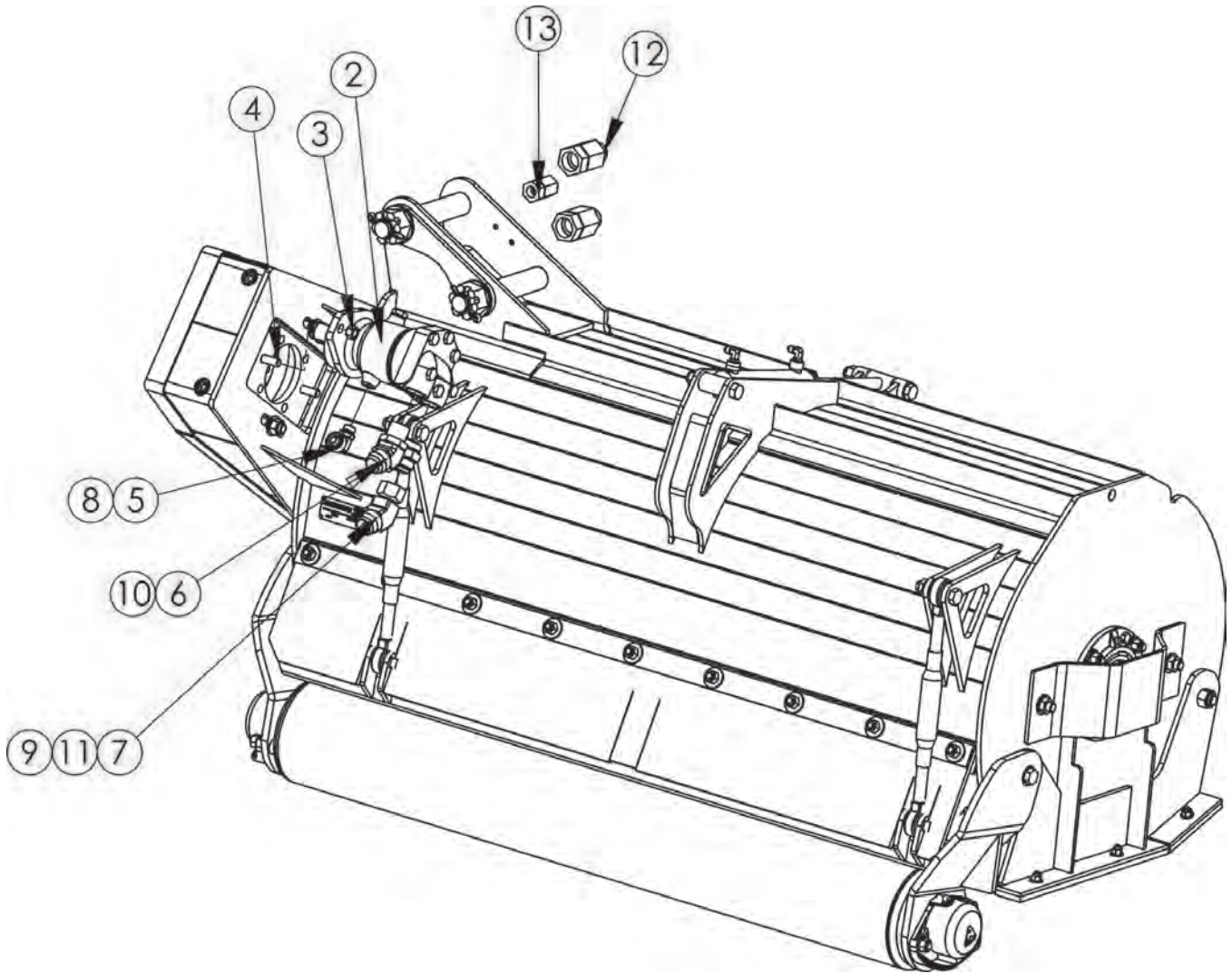
THIS PAGE INTENTIONALLY LEFT BLANK

ASY, BATTLEAXE, 3T PISTON, PART 1 PN 02995188



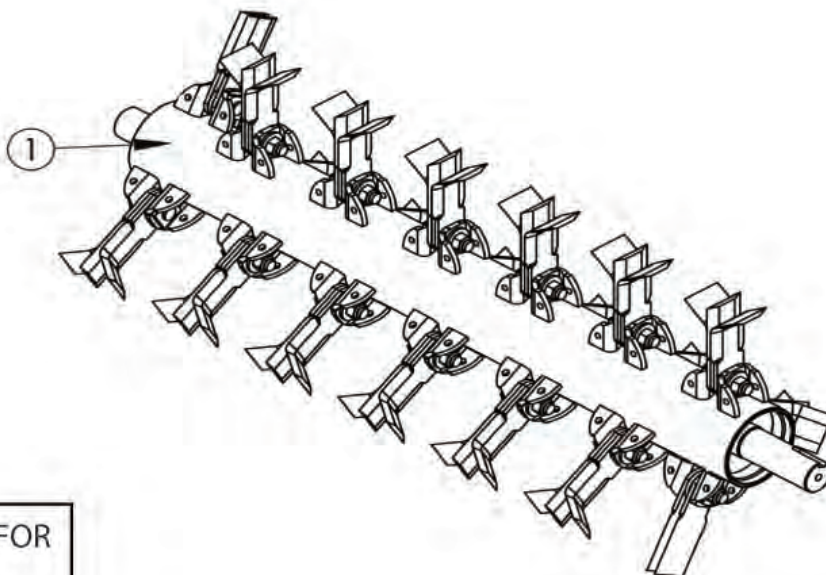
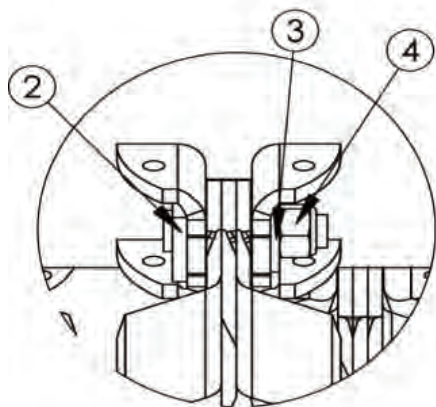
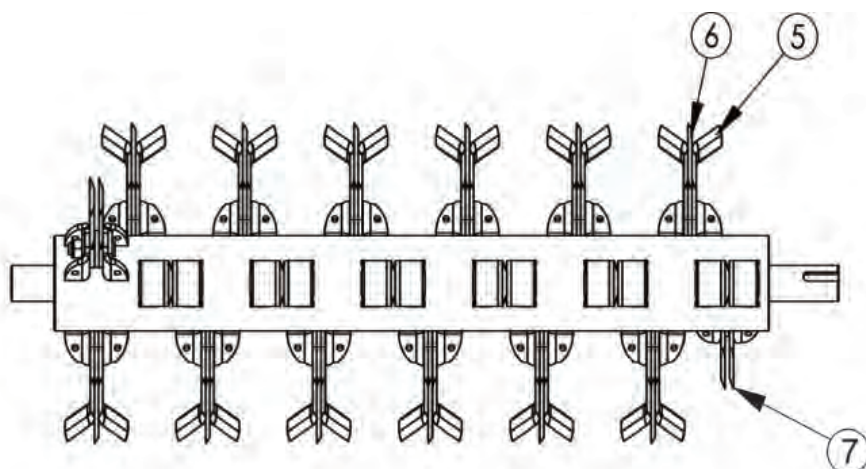
ITEM	PART NO.	QTY.	DESCRIPTION
1	02995169	1	ASY, SUB, BATTLE AXE STD
2	02675800	1	HHCS 5/8-11 X 1-1/2 PL5
3	00756077	9	WASHER,5/8 HARDENED - PLATED
4	02994261	1	SHAFT, COMPLETE, BATTLEAXE
5	02994782	1	KIT, DRIVE, PISTON BATTAXE
6	02967325	2	PULLEY, 3G5V-8.50 DIA.
7	02970725	1	HUB QD-SF 1-1/8DIA.BORE
8	02992576	1	HUB, QD SF 2.375
9	02994781	1	BELT 5V BONDED 3-RIB 63LG
10	03200521	1	STEP KEY 1/4 X 5/16

ASY, BATTLEAXE, 3T PISTON, PART 2 PN 02995188



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994782	1	KIT, DRIVE, PISTON BATTAXE
2	02970763	1	MOTOR,PISTON-2.48 CU.IN./REV
3	00001800	2	LOCKNUT TLM 1/2 NC PLC
4	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
5	02991249	1	VINYL TAPE GREEN 1/2" WIDE
6	02968896	1	VINYL TAPE BLUE 1/2" WIDE
7	02968894	1	VINYL TAPE RED 1/2" WIDE
8	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
9	02957622	1	ADP HYD STGHT 16MB-16MJ
10	02043600	1	ADP HYD ELBOW 16MB -16MJ 45
11	02959154	1	ADP HYD ELBOW 16MJ -16FJX 45
12	02994779	2	HYD SWIVEL 16FJ-16MJ ST
13	02994780	1	HYD SWIVEL 08FJ-08MJ ST

ASY, BATTLE AXE CUTTERSHAFT PN 02994261



***NOTE: MUST ORDER BLADE KITS FOR REPLACEMENTS. INCLUDES ALL NECESSARY KNIVES AND HARDWARE.**

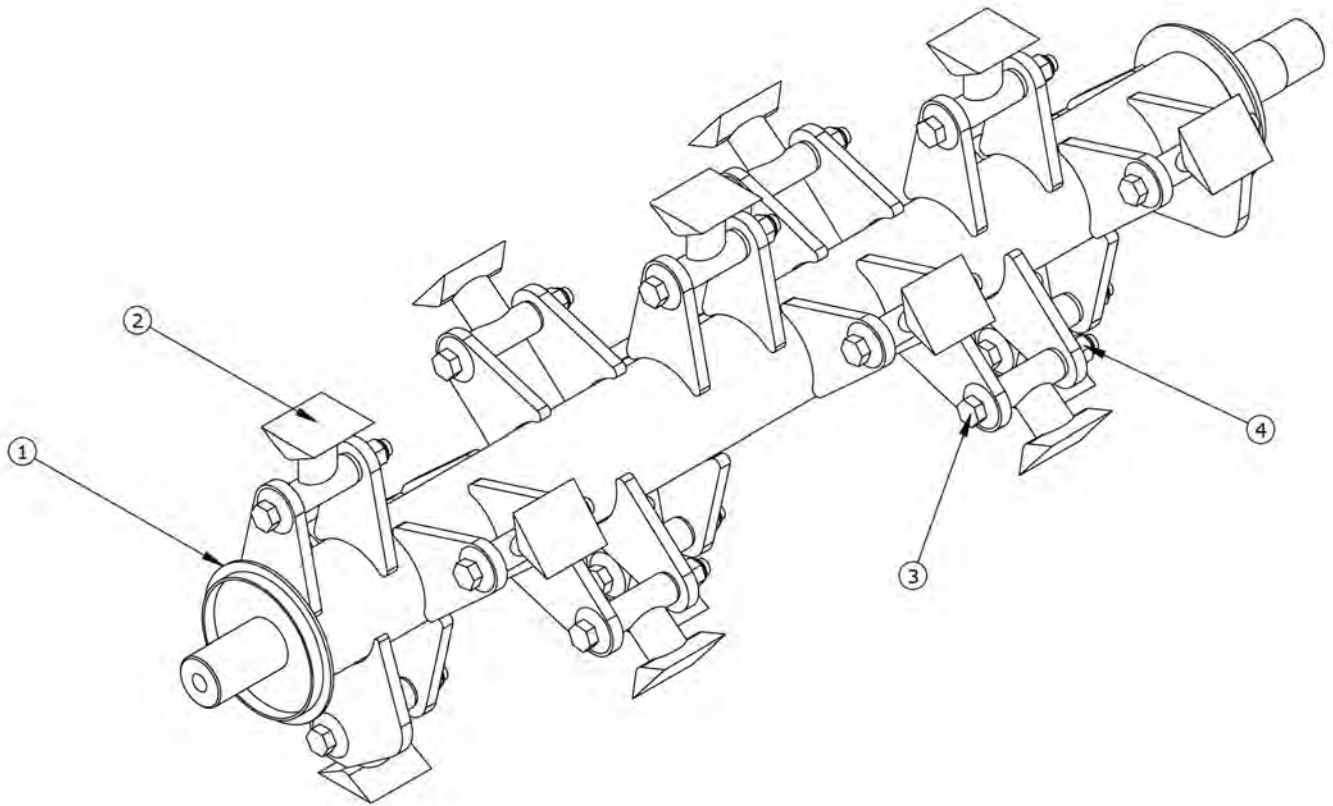
ITEM	PART NO.	QTY.	DESCRIPTION
	02994261	1	SHAFT, COMPLETE, BATTLEAXE
1	02994249	1	ASY, SHAFT WITH EARS, B/A
2	02994251	20	PIN, BLADE, 25MM (*SEE NOTE)
3	02994256	20	WASHER, BLADE, 25MM (*SEE NOTE)
4	02994259	20	NUT TOPLOCK NYLON M20-1.5 (*SEE NOTE)
5	02994257	36	BLADE, Y, 8MM (*SEE NOTE)
6	02994258	22	BLADE, STRAIGHT, 8MM (*SEE NOTE)
7	02994260	6	SPACER, BLADE, 8MM (*SEE NOTE)

ASY, BATTLE AXE CUTTERSHAFT PN 02994261

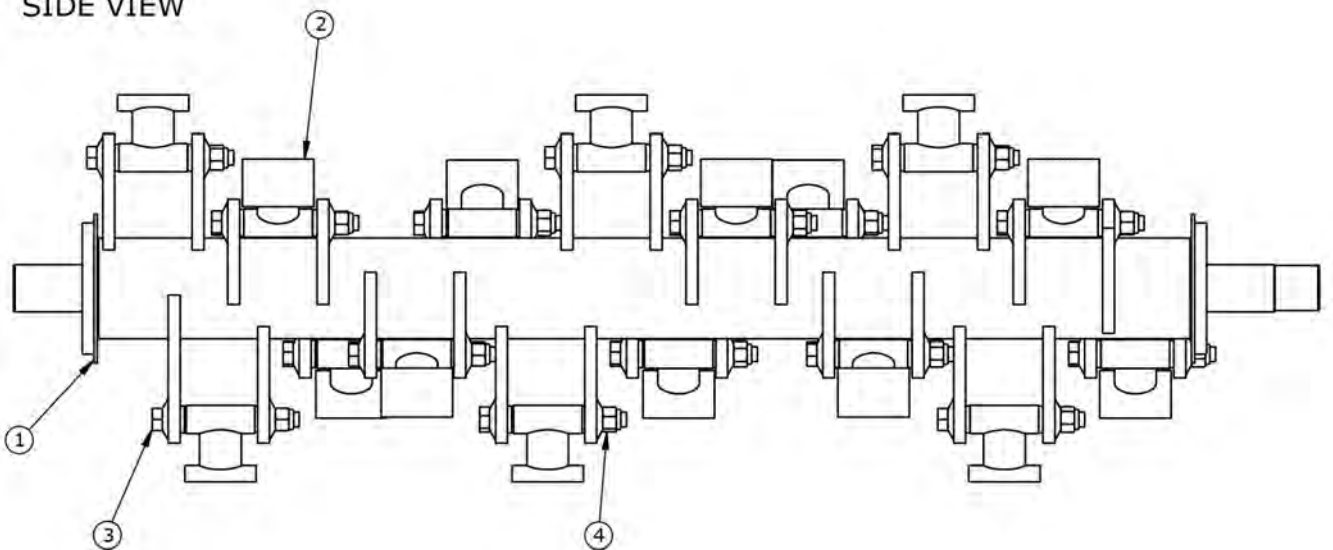
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
-----	02994279	1	KIT, BLADES/BOLTS, BATTLEAXE
	02996901	1	KIT,8MM Y & STRAIGHT KVS,BA-52
	02996902	1	KIT,8MM ST KNVS W/SPACER,BA-52

48 IN FLAIL AXE - STD KNIVES - PN 02957655M



SIDE VIEW

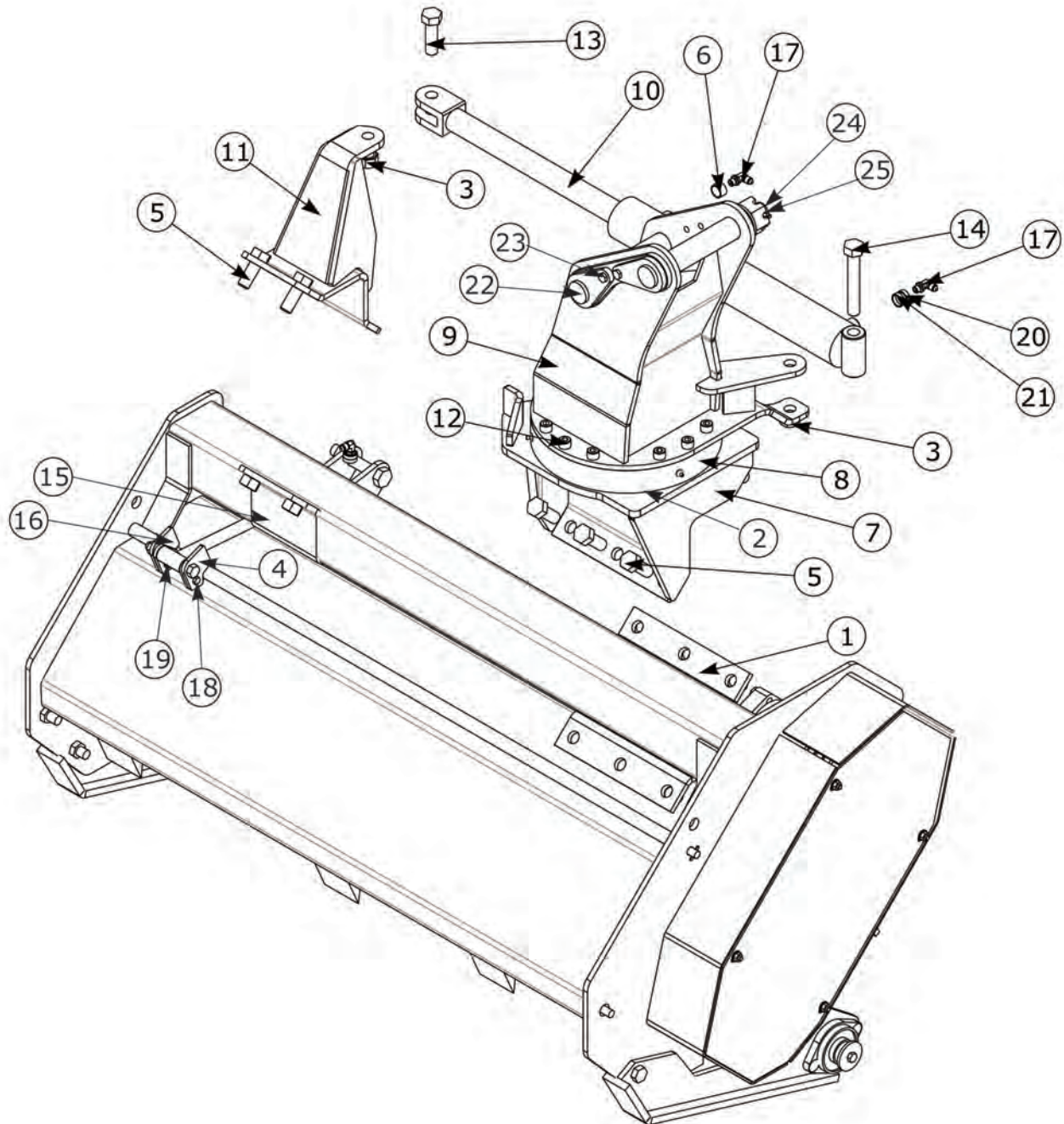


48 IN FLAIL AXE - STD KNIVES - PN 02957655M

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02957655M	1	ROTOR W/KNIVES (FLAIL AXE)
1	02957655	1	WLDMT FLAIL ROTOR
2	02958540	1	KIT - BLADE, FLAIL AXE
3	02956949	16	HHCS HANGER BOLT PER DWG
4	02991279	16	TOP LOCKNUT NYLON 5/8 NC PL8
0	02956943	32	BUSHING

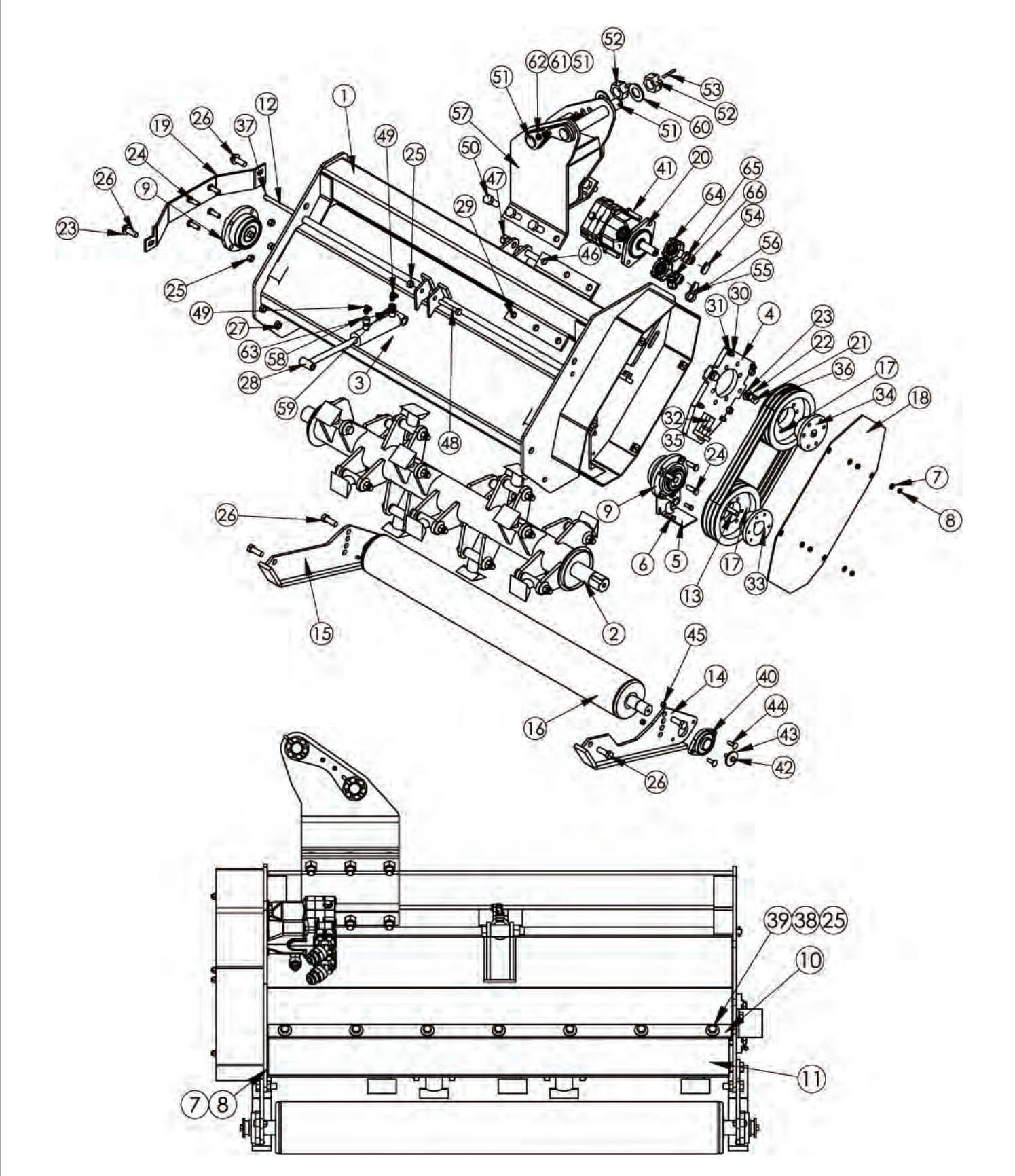
48 IN FLAIL AXE - SWIVEL KIT ASY - PN 02984479



48 IN FLAIL AXE - SWIVEL KIT ASY - PN 02984479**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02984479	1	KIT, SWIVEL, 48
1	02970324	1	PLATE-CLAMP, HITCHPOST
2	02892000	23	HHCS 1/2NC 1-1/2 LG PL8
3	00037200	13	NUT 3/4 NC LOCKNUT
4	00008200	1	BOLT, HHCS 1/2" NC X 3-3/4" PL5
5	02918600	10	HHCS 3/4 NC 2 PL8
6	02968832	2	VINYL TAPE, GREEN, 1/2"
7	02984370	1	ADP, SWIVEL, FLAIL AXE
8	02981318	1	BEARING, 12OD X 5.8ID
9	02981741	1	WELDMENT, HITCH POST, MAVERICK
10	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
11	02984374	1	WLDMNT, SWIVEL, CYL BRKT
12	02981820	12	SHCS 1/2 NC X 1 1/2" LG PL8
13	02963646	1	HHCS 3/4 NC 2-1/2 PL8
14	02981885	1	HHCS 3/4 NC 4-3/4 PL8
15	02984382	1	CLAMP, PLATE, SWIVEL
16	02984470	2	STOP, FLAIL AXE SWIVEL
17	02960018	4	ADP, HYD, ELBOW, 4MB-4MJ90
18	00021400	2	BOLT, HHCS 1/4" NC X 3/4" PL
19	02959924	2	NUT, TOPLOCK 1/4 NC PLB
20	02968833	1	VINYL TAPE, GREEN, 1/4"
21	02991555	2	VINYL TAPE, WHITE, 1/4"
22	02981757	2	WELDMENT, PIN, HITCH POST
23	00023100	2	HHCS 3/8 X 1-1/2 NC PL GR5
24	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
25	165020	2	PIN, COTTER 5/16 X 2-1/2 PL

48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 1) PN 02986254



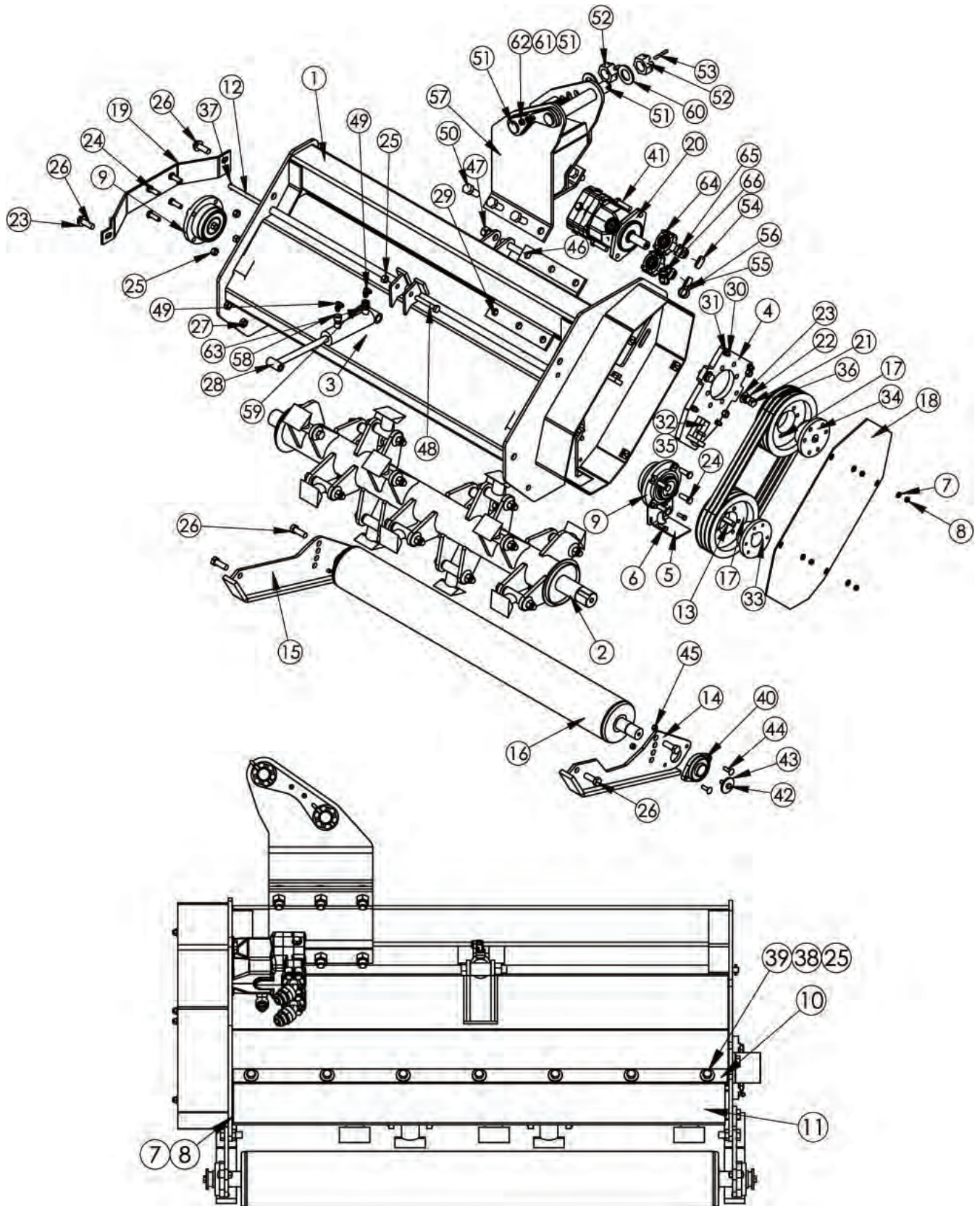
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 1) PN 02986254

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994073	1	WLDMNT, HOUSING, F/AXE 48"
2	02957655M	1	ROTOR W/KNIVES (FLAIL AXE)
3	02994075	1	WLDMNT, DOOR, F/AXE, SWIVEL, 48"
4	02973256	1	WLDMT MOTOR MOUNT W/O STUDS
5	02970709	1	PLATE, INSIDE PLATE
6	10119000	2	HEXB 5/16 X 1 NC GR5
7	00023500	6	FLATWASHER 5/16 PL
8	00750940	6	LOCKNUT TLM 5/16 NC PLB
9	02958131A	2	FLANGE BEARING ASY 2 BORE
10	02956714	1	CLAMP BAR
11	02956712	1	RUBBER FLAP 6 X 48-1/2
12	02970326	1	ROD, HINGE, F/A DOOR
13	02958198	1	KEY 1/2 X 1/2 X 1 7/8 LG
14	02970585	1	WELDMNT, SKID SHOE
15	02956748	1	WLDMT, SKID SHOE
16	02970540	1	WELDMNT, ROLLER
17	02967325	2	PULLEY, 3G5V-8.50 DIA.
18	02970325	1	PLATE, COVER, BELT & PULLEY
19	02972442	1	GUARD, BEARING
20	32120413	1	MOTOR, 37CC PISTON CL
21	02675800	2	HHCS 5/8-11 X 1-1/2 PL5
22	00010300	2	WASHER, LOCK 5/8 GR8 - YDP
23	00001400	4	FLATWASHER 5/8 PL STD
24	02892000	8	HHCS, 1/2"-13 NC x 1-1/2" PL8
25	00001800	18	LOCKNUT TLM 1/2 NC PLC
26	00008300	6	HHCS 5/8 NC 1-3/4 PL5
27	00695100	5	NUT, TOPLOCK 5/8 NC PLC
28	02970710A	1	HYD CYL 1-1/2 BORE X 3-3/4
29	02970324	1	PLATE, HITCH POST CLAMP
30	02970583	4	SHSS 3/8-NF X 1-1/2 PL5
31	23504500	8	NUT, JAM 3/8 NF PLB
32	03200925	1	CARB 5/8-11UNC 3LG PL5
33	02967328	1	BUSHING, QD-HUB SF 1-15/16 DIA.
34	32120619	1	HUB QD-SF 1 BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00002700	7	FLATWASHER 1/2 PL STD
39	00749130	7	HHCS 1/2-13UNC 1-3/4 PL5
40	02957041	2	ROLLER BEARING AND FLANGE

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

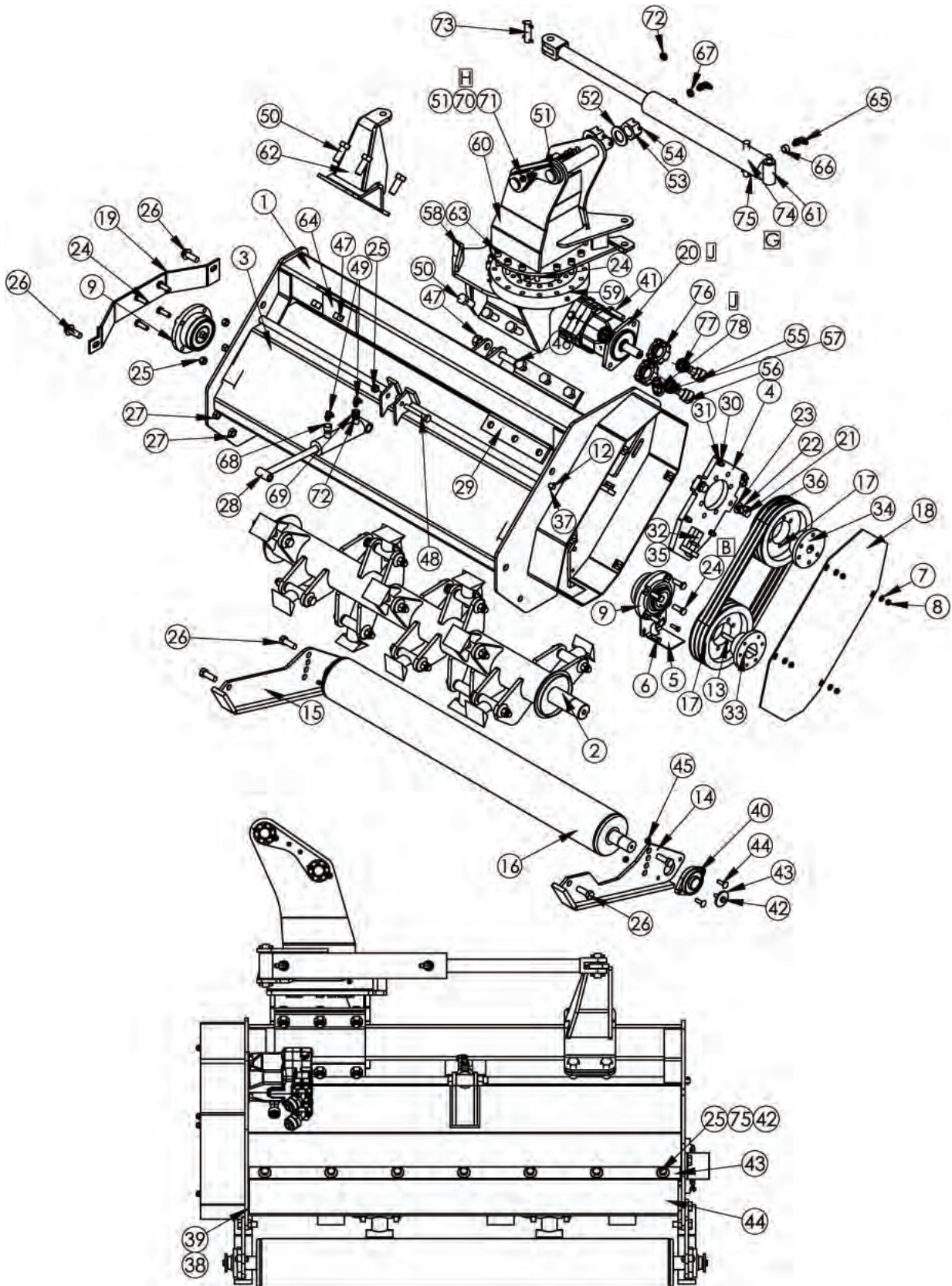
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 2) PN 02986254



48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SOLID MNT (PART 2) PN 02986254**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
42	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
43	02970586	2	WASHER,2OD,7/16 ID X 3/16
44	000644	4	CARB 3/8 NC 1-1/4 PL5
45	00015800	4	LOCKNUT TLM 3/8-NC PLC
46	00003300	1	HEXB 3/4 NC 4 PL5
47	00037200	7	NUT,HEX TOPLOCK 3/4 NC GR.C PL
48	00764375	1	HHCS 1/2NC X 3-1/4 PL5
49	02960018	2	ADP HYD ELBOW 4MB-4MJ90
50	02918600	6	HEXB 3/4-10UNC 2 PL8
51	02981757	2	WELDMENT, PIN, HITCH POST
52	02971701	2	NUT SLOT 1-3/8 12NF PLB
53	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
54	02968896	1	VINYL TAPE BLUE 1/2" WIDE
55	02968894	1	VINYL TAPE RED 1/2" WIDE
56	02991249	1	VINYL TAPE GREEN 1/2" WIDE
57	02986218	1	WELDMENT, HITCH POST
58	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
59	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
60	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
61	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
62	02995908	2	NUT SPRLCK FLG 3/8-16 PL
63	02991555	1	VINYL TAPE WHITE 1/4" WIDE
64	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
65	32120622	2	HYD ADP 12FL62-16MJ 45
66	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG

48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 1)



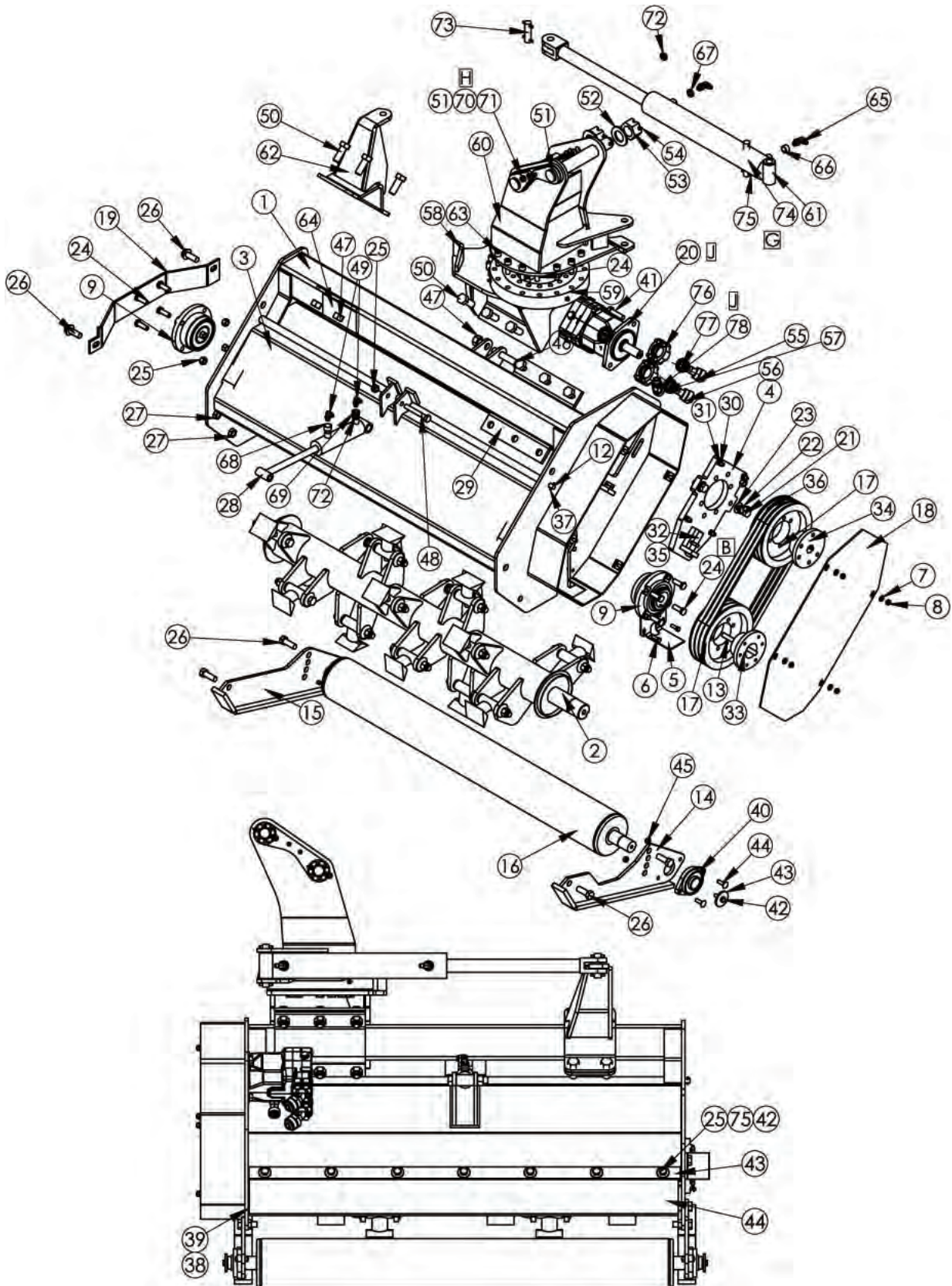
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994073	1	WLDMNT, HOUSING, F/AXE 48"
2	02957655M	1	ROTOR W/KNIVES (FLAIL AXE)
3	02994075	1	WLDMNT, DOOR, F/AXE, SWIVEL, 48"
4	02973256	1	WLDMT MOTOR MOUNT W/O STUDS
5	02970709	1	PLATE, INSIDE PLATE
6	10119000	2	HEXB 5/16 X 1 NC GR5
7	00023500	6	FLATWASHER 5/16 PL
8	00750940	6	LOCKNUT TLM 5/16 NC PLB
9	02958131A	2	FLANGE BEARING ASY 2 BORE
10	02956714	1	CLAMP BAR
11	02956712	1	RUBBER FLAP 6 X 48-1/2
12	02970326	1	ROD, HINGE, F/A DOOR
13	02958198	1	KEY 1/2 X 1/2 X 1 7/8 LG
14	02970585	1	WELDMNT, SKID SHOE
15	02956748	1	WLDMT, SKID SHOE
16	02970540	1	WELDMNT, ROLLER
17	02967325	2	PULLEY, 3G5V-8.50 DIA.
18	02970325	1	PLATE, COVER, BELT & PULLEY
19	02972442	1	GUARD, BEARING
20	32120413	1	MOTOR, 37CC PISTON CL
21	02675800	2	HHCS 5/8-11 X 1-1/2 PL5
22	00010300	2	WASHER, LOCK 5/8 GR8 - YDP
23	00001400	4	FLATWASHER 5/8 PL STD
24	02892000	23	HHCS, 1/2"-13 NC x 1-1/2" PL8
25	00001800	18	LOCKNUT TLM 1/2 NC PLC
26	00008300	6	HHCS 5/8 NC 1-3/4 PL5
27	00695100	5	NUT, TOPLOCK 5/8 NC PLC
28	02970710A	1	HYD CYL 1-1/2 BORE X 3-3/4
29	02970324	1	PLATE, HITCH POST CLAMP
30	02970583	4	SHSS 3/8-NF X 1-1/2 PL5
31	23504500	8	NUT, JAM 3/8 NF PLB
32	03200925	1	CARB 5/8-11UNC 3LG PL5
33	02967328	1	BUSHING, QD-HUB SF 1-15/16 DIA.
34	32120619	1	HUB QD-SF 1 BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00002700	7	FLATWASHER 1/2 PL STD
39	00749130	7	HHCS 1/2-13UNC 1-3/4 PL5
40	02957041	2	ROLLER BEARING AND FLANGE

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

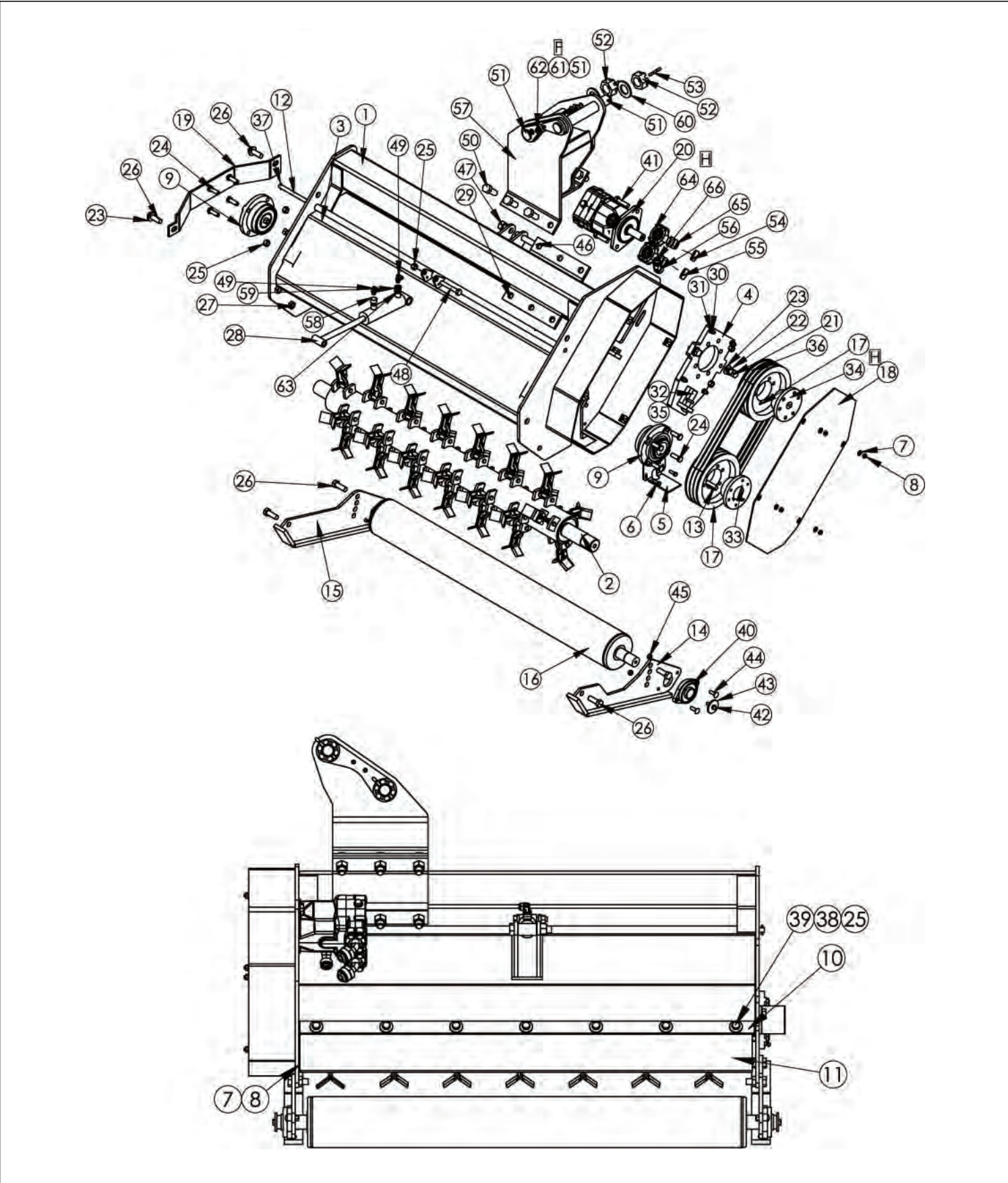
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 2)



48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT PN - 02986262 (PART 2)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
42	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
43	02970586	2	WASHER,2OD,7/16 ID X 3/16
44	000644	4	CARB 3/8 NC 1-1/4 PL5
45	00015800	4	LOCKNUT TLM 3/8-NC PLC
46	00003300	1	HEXB 3/4 NC 4 PL5
47	00037200	11	NUT,HEX TOPLOCK 3/4 NC GR.C PL
48	00752716	1	HHCS 1/2 NC 3-1/2 PL8
49	02960018	2	ADP HYD ELBOW 4MB-4MJ90
50	02918600	10	HEXB 3/4-10UNC 2 PL8
51	02981757	2	WELDMENT, PIN, HITCH POST
52	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
53	02971701	2	NUT SLOT 1-3/8 12NF PLB
54	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
55	02968896	1	VINYL TAPE BLUE 1/2" WIDE
56	02968894	1	VINYL TAPE RED 1/2" WIDE
57	02991249	1	VINYL TAPE GREEN 1/2" WIDE
58	02984370	1	ADP, SWIVEL, HITCHPOST
59	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
60	02985319	1	WELDMENT, HITCH POST
61	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
62	02984374	1	WLDMNT, MOUNT, CYLINDER
63	02981820	12	SHCS 1/2 NC 1-1/2 PL8
64	02984382	1	CLAMP, PLATE, SWIVEL
65	03200762	2	ADP HYD ELBOW 6MB - 4MJ 90 DEG
66	02968832	1	VINYL TAPE GREEN 1/2" WIDE
67	02968833	1	VINYL TAPE GREEN 1/4" WIDE
68	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
69	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
70	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
71	02995908	2	NUT SPRLCK FLG 3/8-16 PL
72	02991555	2	VINYL TAPE WHITE 1/4" WIDE
73	02995471	1	PIN, 3/4" X 1-7/8" U.L.
74	02995472	1	PIN, 3/4" X 4" U.L.
75	002416	4	ROLL PIN 1/4 X 1-1/2 LG
76	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
77	32120622	2	HYD ADP 12FL62-16MJ 45
78	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG

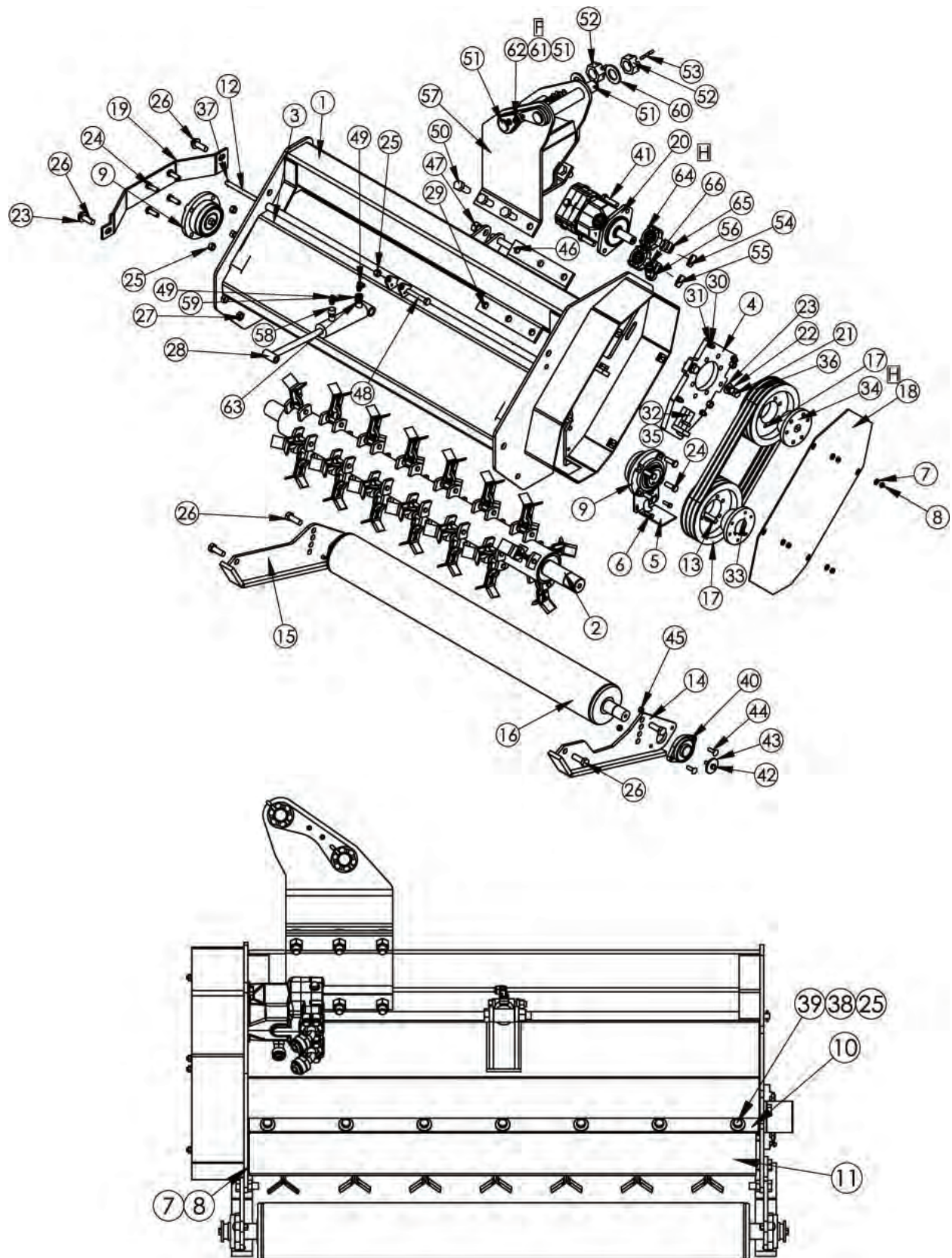
48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697



48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994073	1	WLDMNT, HOUSING, F/AXE 48"
2	02989696	1	ASY, CTRSHFT, SHD, E.S. KNIVES
3	02994074	1	WLDMNT, DOOR, F/AXE 48"
4	02973256	1	WLDMT MOTOR MOUNT W/O STUDS
5	02970709	1	PLATE,INSIDE PLATE
6	10119000	2	HEXB 5/16 X 1 NC GR5
7	00023500	6	FLATWASHER 5/16 PL
8	00750940	6	LOCKNUT TLM 5/16 NC PLB
9	02958131A	2	FLANGE BEARING ASY 2 BORE
10	02956714	1	CLAMP BAR
11	02956712	1	RUBBER FLAP 6 X 48-1/2
12	02970326	1	ROD,HINGE,F/A DOOR
13	02958198	1	KEY 1/2 X 1/2 X 1 7/8LG
14	02970585	1	WELDMNT,SKID SHOE
15	02956748	1	WLDMT, SKID SHOE
16	02970540	1	WELDMNT,ROLLER
17	02967325	2	PULLEY, 3G5V-8.50 DIA.
18	02970325	1	PLATE,COVER,BELT & PULLEY
19	02972442	1	GUARD,BEARING
20	32120413	1	MOTOR, 37CC PISTON CL
21	02675800	2	HHCS 5/8-11 X 1-1/2 PL5
22	00010300	2	WASHER,LOCK 5/8 GR8 - YDP
23	00001400	4	FLATWASHER 5/8 PL STD
24	02892000	8	HHCS, 1/2"-13 NC x 1-1/2" PL8
25	00001800	18	LOCKNUT TLM 1/2 NC PLC
26	00008300	6	HHCS 5/8 NC 1-3/4 PL5
27	00695100	5	NUT,TOPLOCK 5/8 NC PLC
28	02970710A	1	HYD CYL 1-1/2BORE X 3-3/4
29	02970324	1	PLATE,HITCH POST CLAMP
30	02970583	4	SHSS 3/8-NF X 1-1/2 PL5
31	23504500	8	NUT, JAM 3/8 NF PLB
32	03200925	1	CARB 5/8-11UNC 3LG PL5
33	02967328	1	BUSHING,QD-HUB SF 1-15/16 DIA.
34	32120619	1	HUB QD-SF 1 BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00002700	7	FLATWASHER 1/2 PL STD
39	00749130	7	HHCS 1/2-13UNC 1-3/4 PL5
40	02957041	2	ROLLER BEARING AND FLANGE

48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 2) - PN 02989697

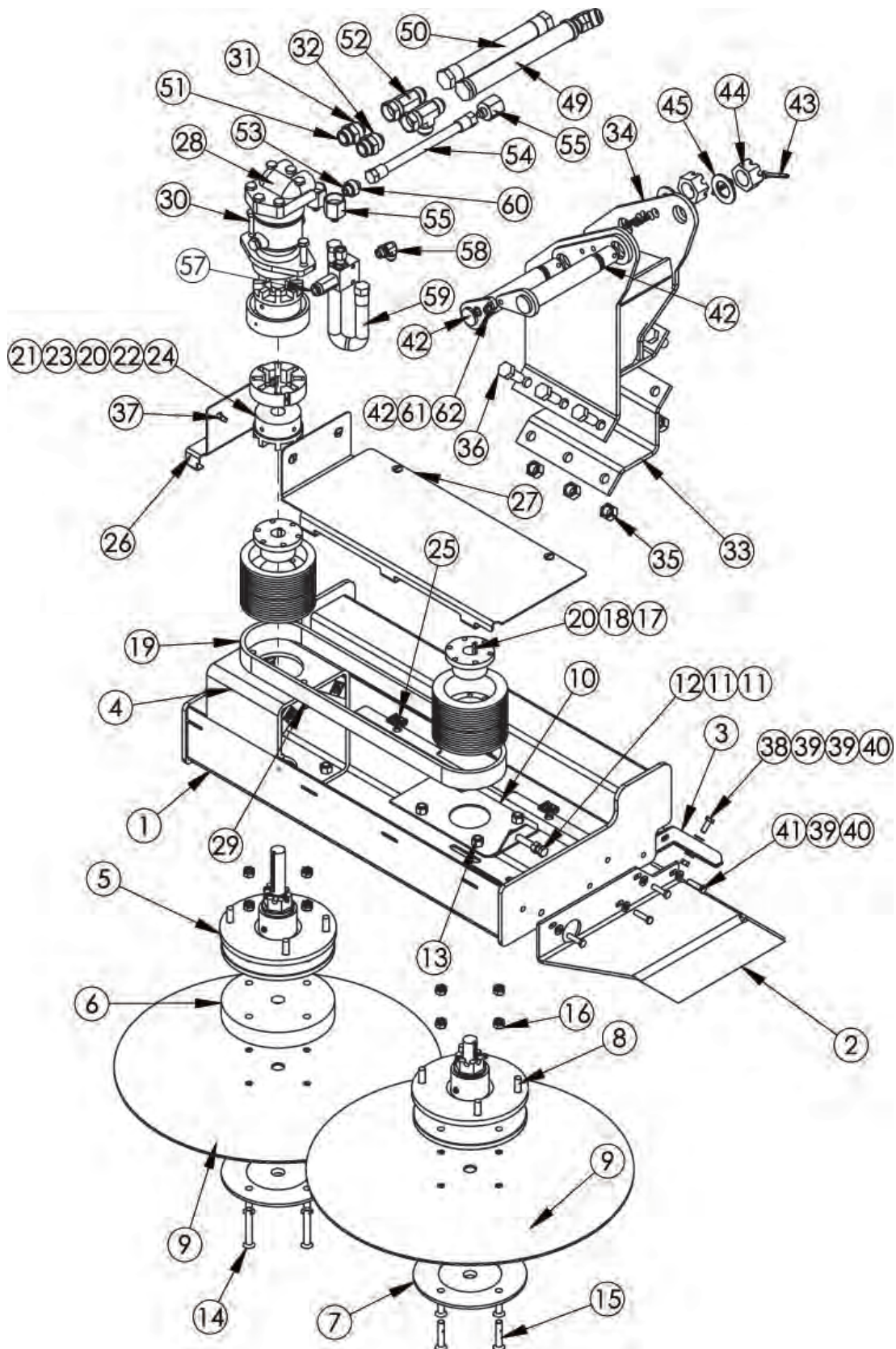


48 IN FLAIL AXE HEAD ASY SOLID MNT W EXT SHD CUTTER SHAFT (PART 2) - PN 02989697**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
42	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
43	02970586	2	WASHER,2OD,7/16 ID X 3/16
44	000644	4	CARB 3/8 NC 1-1/4 PL5
45	00015800	4	LOCKNUT TLM 3/8-NC PLC
46	00003300	1	HEXB 3/4 NC 4 PL5
47	00037200	7	NUT,HEX TOPLOCK 3/4 NC GR.C PL
48	00764375	1	HHCS 1/2NC X 3-1/4 PL5
49	02960018	2	ADP HYD ELBOW 4MB-4MJ90
50	02918600	6	HEXB 3/4-10UNC 2 PL8
51	02981757	2	WELDMENT, PIN, HITCH POST
52	02971701	2	NUT SLOT 1-3/8 12NF PLB
53	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
54	02968896	1	VINYL TAPE BLUE 1/2" WIDE
55	02968894	1	VINYL TAPE RED 1/2" WIDE
56	02991249	1	VINYL TAPE GREEN 1/2" WIDE
57	02986218	1	WELDMENT, HITCH POST
58	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
59	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
60	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
61	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
62	02995908	2	NUT SPRLCK FLG 3/8-16 PL
63	02991555	1	VINYL TAPE WHITE 1/4" WIDE
64	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
65	32120622	2	HYD ADP 12FL62-16MJ 45
66	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG

SECTION 30 BUZZ BARS

BUZZBAR ASY - 48 IN HEAD (PART 1) PN 02986236

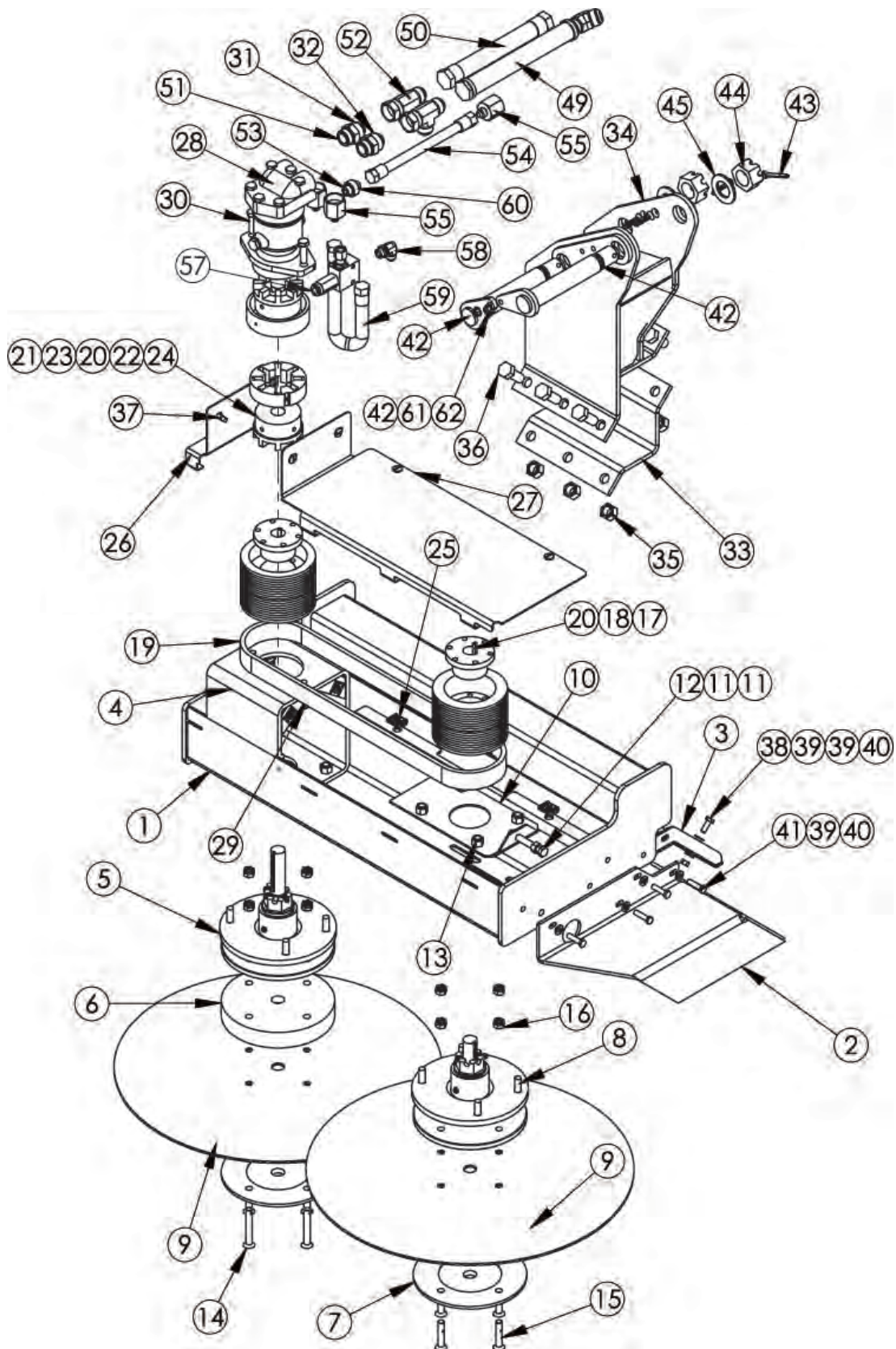


BUZZBAR ASY - 48 IN HEAD (PART 1) PN 02986236**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	02983631	1	WELDMENT, SAW BODY, 2 BLADE
2	02974207	1	BUMPER
3	02979274	1	WELDMENT, REAR SHIELD,
4	02979262	1	MACHINED TUBE, MOTOR MOUNT
5	02978249	1	ASY,DRIVE SPINDLE
6	02974238	1	SPACER
7	02974237	2	END CAP
8	02974235	1	ASY SPINDLE
9	02974236	2	BLADE SAW
10	02974225	1	BRACKET TENSION ADJUSTMENT
11	00001200	2	NUT 1/2 NC HEX PL
12	002521	1	HHCS 1/2 NC 3-1/2 PL5
13	00750614	8	NUT 1/2-20NF 90DEG.CONE LUG PL
14	02974659	4	CSSH 1/2 NC 3-1/2
15	02974658	4	CSSH 1/2 NC 2
16	02976017	8	NUT, SLOTTED 1/2 NC PLB
17	02974239	2	SHEAVE POLY-V 20L6.00 W/GROOVE
18	02974240	2	KIT, TAPERED BUSHING, BUZZBAR
19	02974241	1	BELT POLY-V 615L10
20	02669600	3	KEY 1/4 SQ X 1 1/4 LG.
21	02978267	1	HUB 20R10 1-1/8 BORE 1/4 KEY
22	02978268	1	INSERT, URETHANE FOR 20R10
23	02978269	1	COVER, PROTECTIVE NYLON FOR
24	02978270	1	HUB 20R10 1-1/8 BORE 5/16 KEY
25	02984677	7	SLIP ON RECEPTACLE 9MM
26	02979271	1	SHEET, BELT COVER, LEFT 2
27	02979296	1	SHEET, BELT COVER SHORT
28	8301295	1	MOTOR,PISTON-2.48 CU.IN./REV
29	00001800	2	LOCKNUT TLM 1/2 NC PLC
30	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
31	02968894	1	VINYL TAPE RED 1/2" WIDE
32	02968896	1	VINYL TAPE BLUE 1/2" WIDE
33	02970324	1	PLATE,HITCH POST CLAMP
34	02986218	1	WELDMENT, HITCH POST
35	00037200	6	NUT,HEX TOPLOCK 3/4 NC GR.C PL
36	02918600	6	HEXB 3/4-10UNC 2 PL8
37	02984678	7	STUD 9MM 1/4 TURN
38	00011400	1	HEXB 3/8-16 X 1 PL5
39	00011100	10	FLATWASHER STD 3/8 - PLATED
40	00015800	9	LOCKNUT TLM 3/8-NC PLC

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

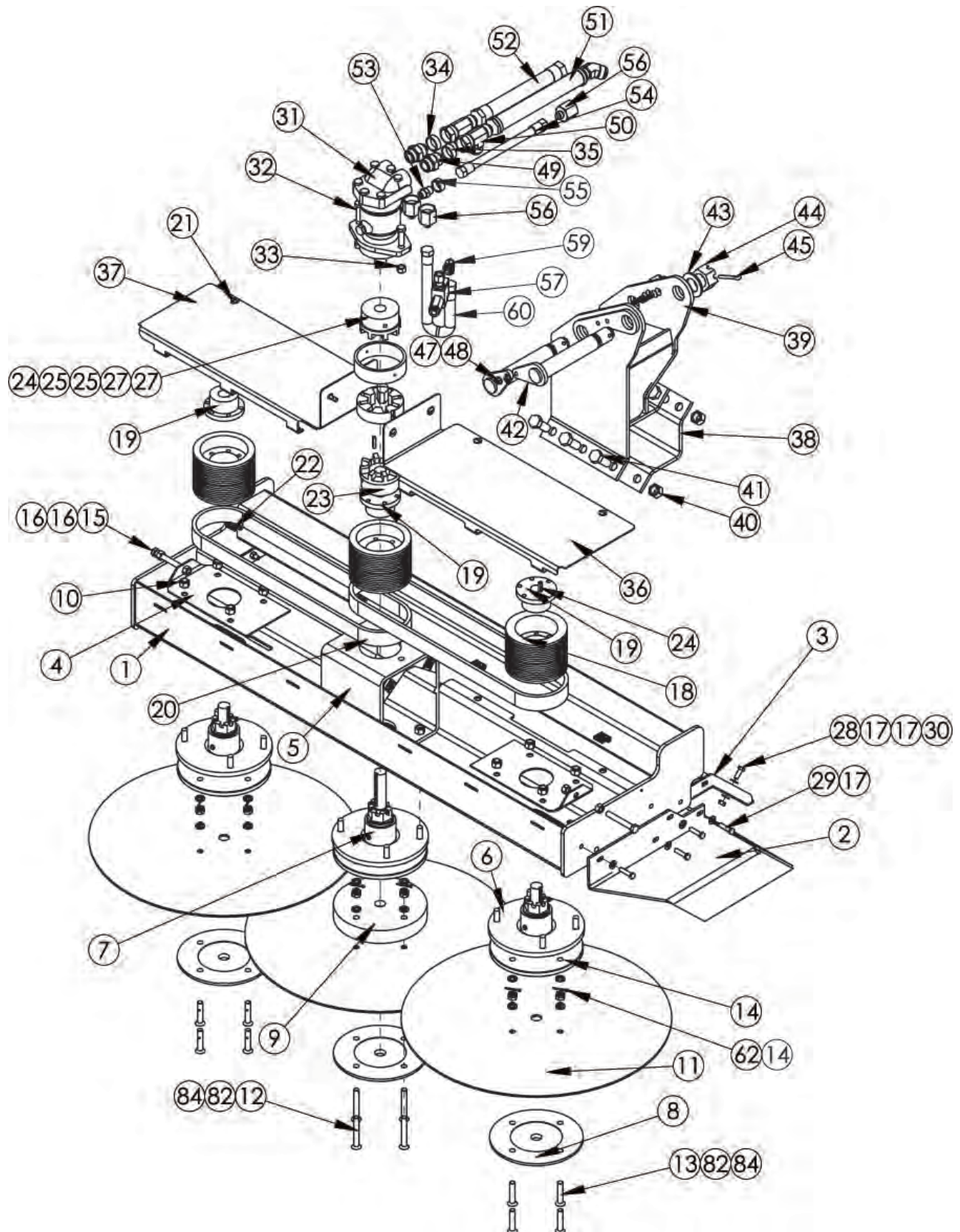
BUZZBAR ASY - 48 IN HEAD (PART 2) PN 02986236



BUZZBAR ASY - 48 IN HEAD (PART 2) PN 02986236**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	00023100	8	HHCS 3/8 -16UNC 1-1/2 PL5
42	02981757	2	WELDMENT, PIN, HITCH POST
43	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
44	02971701	2	NUT SLOT 1-3/8 12NF PLB
45	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
49	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
50	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
51	02957622	2	ADP HYD STGHT 16MB-16MJ
52	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
53	00696800	1	ADP HYD STGHT 8MB - 8MJ
54	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
55	02969464	3	ADP HYD STGHT 16FJ-8MJ
56	02975438	1	ADP HYD STGHT 8MB - 8FJX
57	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
58	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
59	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
60	02991249	1	VINYL TAPE GREEN 1/2" WIDE
61	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
62	02995908	2	NUT SPRLCK FLG 3/8-16 PL
80	63000500	8	WASHER, FLAT, PLATED
81	40010000	8	PIN, COTTER 1/8 X1
82	02961085	1	CORDURA SLEEVING,3.66 ID,54 LG

BUZZBAR ASY - 69 IN HEAD (PART 1) PN 02986237



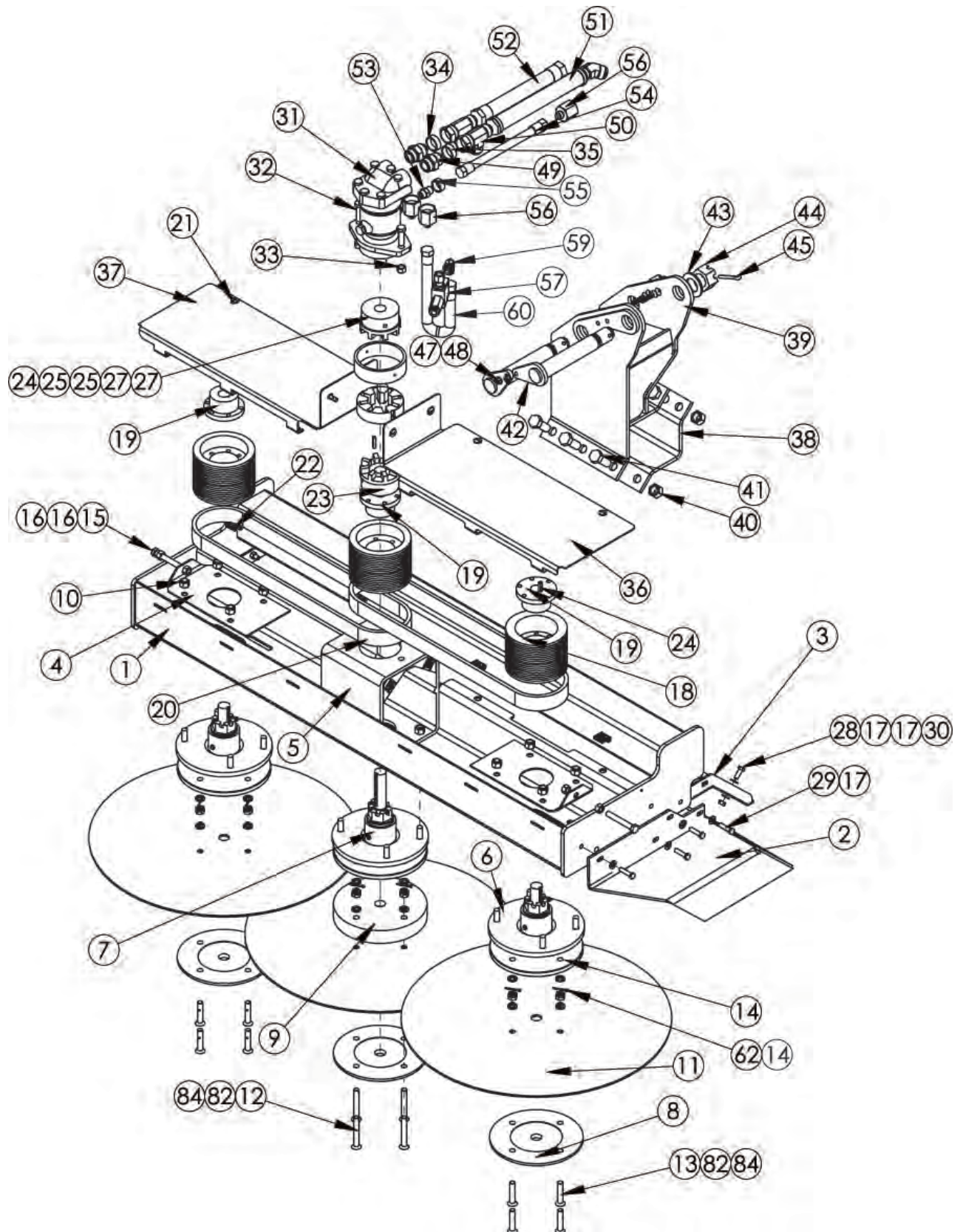
BUZZBAR ASY - 69 IN HEAD (PART 1) PN 02986237

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02983632	1	WELDMENT, SAW BODY 3 BLADE
2	02974207	1	BUMPER
3	02979258	1	WELDMENT, REAR SHIELD
4	02974225	2	BRACKET TENSION ADJUSTMENT
5	02979262	1	MACHINED TUBE, MOTOR MOUNT
6	02974235	2	ASY SPINDLE
7	02978249	1	ASY,DRIVE SPINDLE
8	02974237	3	END CAP
9	02974238	1	SPACER
10	00750614	12	NUT 1/2-20NF 90DEG.CONE LUG PL
11	02974236	3	BLADE SAW
12	02974659	4	CSSH 1/2 NC 3-1/2
13	02974658	8	CSSH 1/2 NC 2
14	02976017	12	NUT, SLOTTED 1/2 NC PLB
15	002521	2	HHCS 1/2 NC 3-1/2 PL5
16	00001200	4	NUT 1/2 NC HEX PL
17	00011100	10	FLATWASHER STD 3/8 - PLATED
18	02974239	3	SHEAVE POLY-V 20L6.00 W/GROOVE
19	02974240	3	KIT, TAPERED BUSHING, BUZZBAR
20	02974241	2	BELT POLY-V 615L10
21	02984678	8	STUD 9MM 1/4 TURN
22	02984677	8	SLIP ON RECEPTACLE 9MM
23	02978267	1	HUB 20R10 1-1/8 BORE 1/4 KEY
24	02669600	4	KEY 1/4 SQ X 1 1/4 LG.
25	02978268	1	INSERT, URETHANE FOR 20R10
26	02978269	1	COVER, PROTECTIVE NYLON FOR
27	02978270	1	HUB 20R10 1-1/8 BORE 5/16 KEY
28	00011400	1	HEXB 3/8-16 X 1 PL5
29	00023100	8	HHCS 3/8 -16UNC 1-1/2 PL5
30	00015800	9	LOCKNUT TLM 3/8-NC PLC
31	8301295	1	MOTOR,PISTON-2.48 CU.IN./REV
32	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
33	00001800	2	LOCKNUT TLM 1/2 NC PLC
34	02968894	1	VINYL TAPE RED 1/2" WIDE
35	02968896	1	VINYL TAPE BLUE 1/2" WIDE
36	02979296	1	SHEET, BELT COVER SHORT
37	02979255	1	SHEET, BELT COVER, LEFT 3
38	02970324	1	PLATE,HITCH POST CLAMP
39	02986218	1	WELDMENT, HITCH POST
40	00037200	6	NUT,HEX TOPLOCK 3/4 NC GR.C PL

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

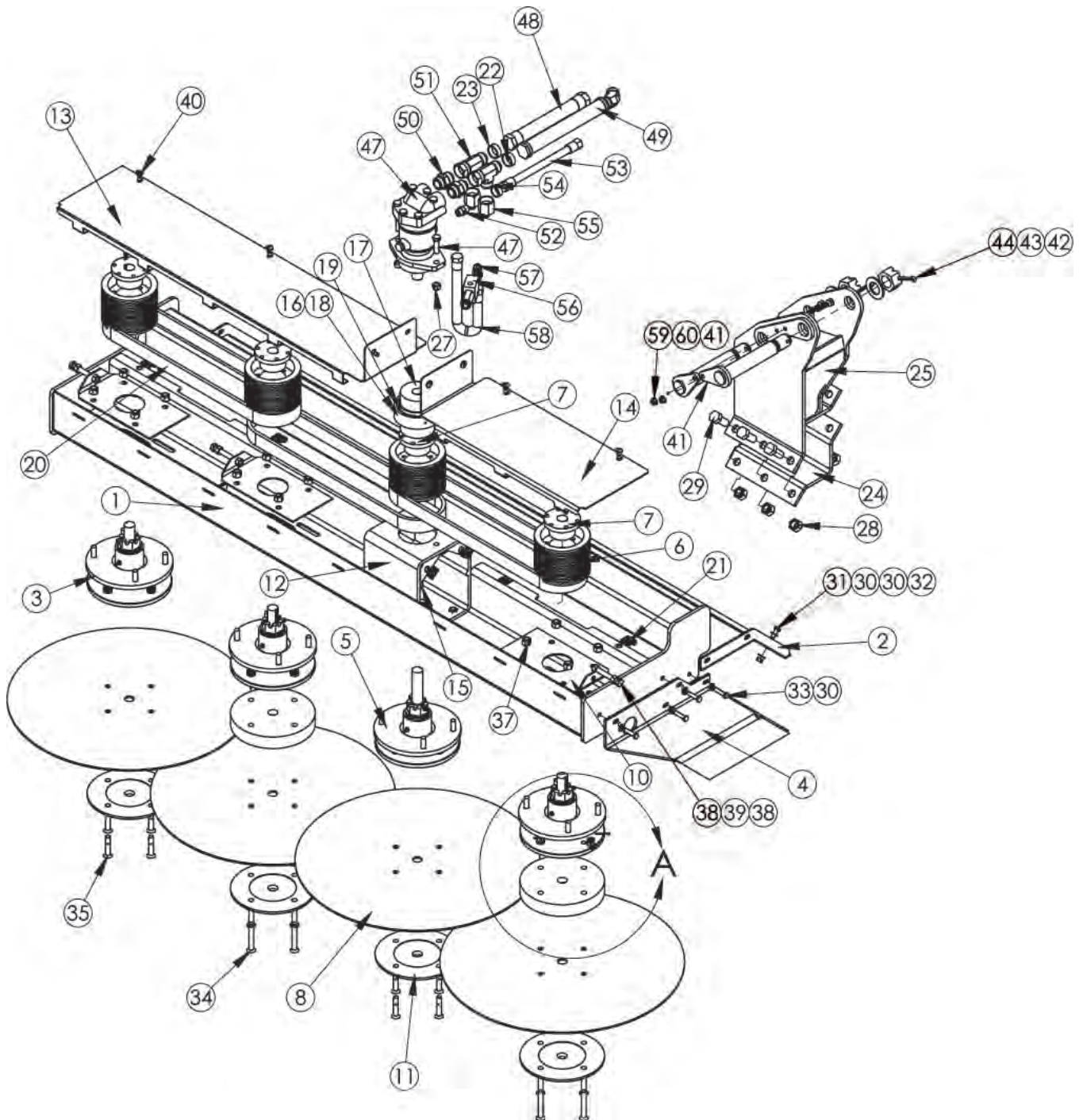
BUZZBAR ASY - 69 IN HEAD (PART 2) PN 02986237



BUZZBAR ASY - 69 IN HEAD (PART 2) PN 02986237**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02918600	6	HEXB 3/4-10UNC 2 PL8
42	02981757	2	WELDMENT, PIN, HITCH POST
43	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
44	02971701	2	NUT SLOT 1-3/8 12NF PLB
45	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
48	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
49	02995908	2	NUT SPRLCK FLG 3/8-16 PL
50	02957622	2	ADP HYD STGHT 16MB-16MJ
51	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
52	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
53	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
54	00696800	1	ADP HYD STGHT 8MB - 8MJ
55	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
56	02991249	1	VINYL TAPE GREEN 1/2" WIDE
57	02969464	3	ADP HYD STGHT 16FJ-8MJ
58	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
59	02975438	1	ADP HYD STGHT 8MB - 8FJX
60	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
61	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
62	63000500	12	WASHER, FLAT, PLATED
63	40010000	12	PIN, COTTER 1/8 X1
84	02961085	1	CORDURA SLEEVING,3.66 ID,54 LG

BUZZBAR ASY - 90 IN HEAD (PART 1) PN 02986245



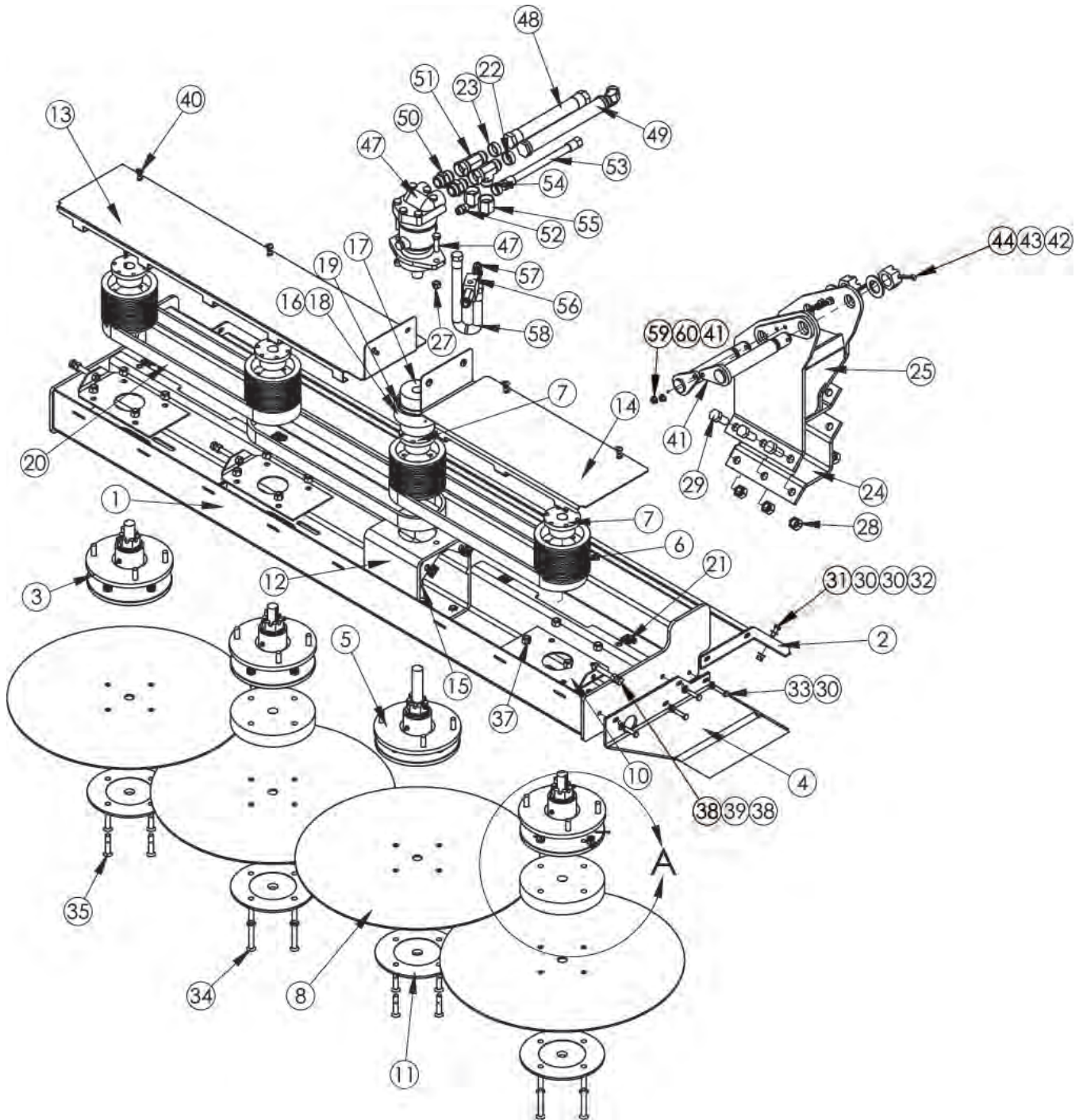
ITEM	PART NO.	QTY.	DESCRIPTION
1	02983633	1	WELDMENT, SAW BODY, 4 BLADE
2	02974212	1	WLDMT SHIELD REAR
3	02974235	3	ASY SPINDLE
4	02974207	1	BUMPER
5	02978249	1	ASY,DRIVE SPINDLE

BUZZBAR ASY - 90 IN HEAD (PART 1) PN 02986245

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
6	02974239	4	SHEAVE POLY-V 20L6.00 W/GROOVE
7	02974240	4	KIT, TAPERED BUSHING, BUZZBAR
8	02974236	4	BLADE SAW
9	02974238	2	SPACER
10	02974225	3	BRACKET TENSION ADJUSTMENT
11	02974237	4	END CAP
12	02979262	1	MACHINED TUBE, MOTOR MOUNT
13	02979297	1	SHEET, BELT COVER LONG, 4
14	02979296	1	SHEET, BELT COVER SHORT
15	02669600	5	KEY 1/4 SQ X 1 1/4 LG.
16	02978267	1	HUB 20R10 1-1/8 BORE 1/4 KEY
17	02978270	1	HUB 20R10 1-1/8 BORE 5/16 KEY
18	02978269	1	COVER, PROTECTIVE NYLON FOR
19	02978268	1	INSERT, URETHANE FOR 20R10
20	02974241	3	BELT POLY-V 615L10
21	02984677	9	SLIP ON RECEPTACLE 9MM
22	02968896	1	VINYL TAPE BLUE 1/2" WIDE
23	02968894	1	VINYL TAPE RED 1/2" WIDE
24	02970324	1	PLATE,HITCH POST CLAMP
25	02986218	1	WELDMENT, HITCH POST
26	00749130	2	HHCS 1/2-13UNC 1-3/4 PL5
27	00001800	2	LOCKNUT TLM 1/2 NC PLC
28	00037200	6	NUT,HEX TOPLOCK 3/4 NC GR.C PL
29	02918600	6	HEXB 3/4-10UNC 2 PL8
30	00011100	10	FLATWASHER STD 3/8 - PLATED
31	00011400	1	HEXB 3/8-16 X 1 PL5
32	00015800	9	LOCKNUT TLM 3/8-NC PLC
33	00023100	8	HHCS 3/8 -16UNC 1-1/2 PL5
34	02974659	8	CSSH 1/2 NC 3-1/2
35	02974658	8	CSSH 1/2 NC 2
36	02976017	16	NUT, SLOTTED 1/2 NC PLB
37	00750614	16	NUT 1/2-20NF 90DEG.CONE LUG PL
38	002521	3	HHCS 1/2 NC 3-1/2 PL5
39	00001200	6	NUT 1/2 NC HEX PL
40	02984678	9	STUD 9MM 1/4 TURN

BUZZBAR ASY - 90 IN HEAD (PART 2) PN 02986245



ITEM	PART NO.	QTY.	DESCRIPTION
41	02981757	2	WELDMENT, PIN, HITCH POST
42	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
43	02971701	2	NUT SLOT 1-3/8 12NF PLB
44	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
47	8301295	1	MOTOR,PISTON-2.48 CU.IN./REV

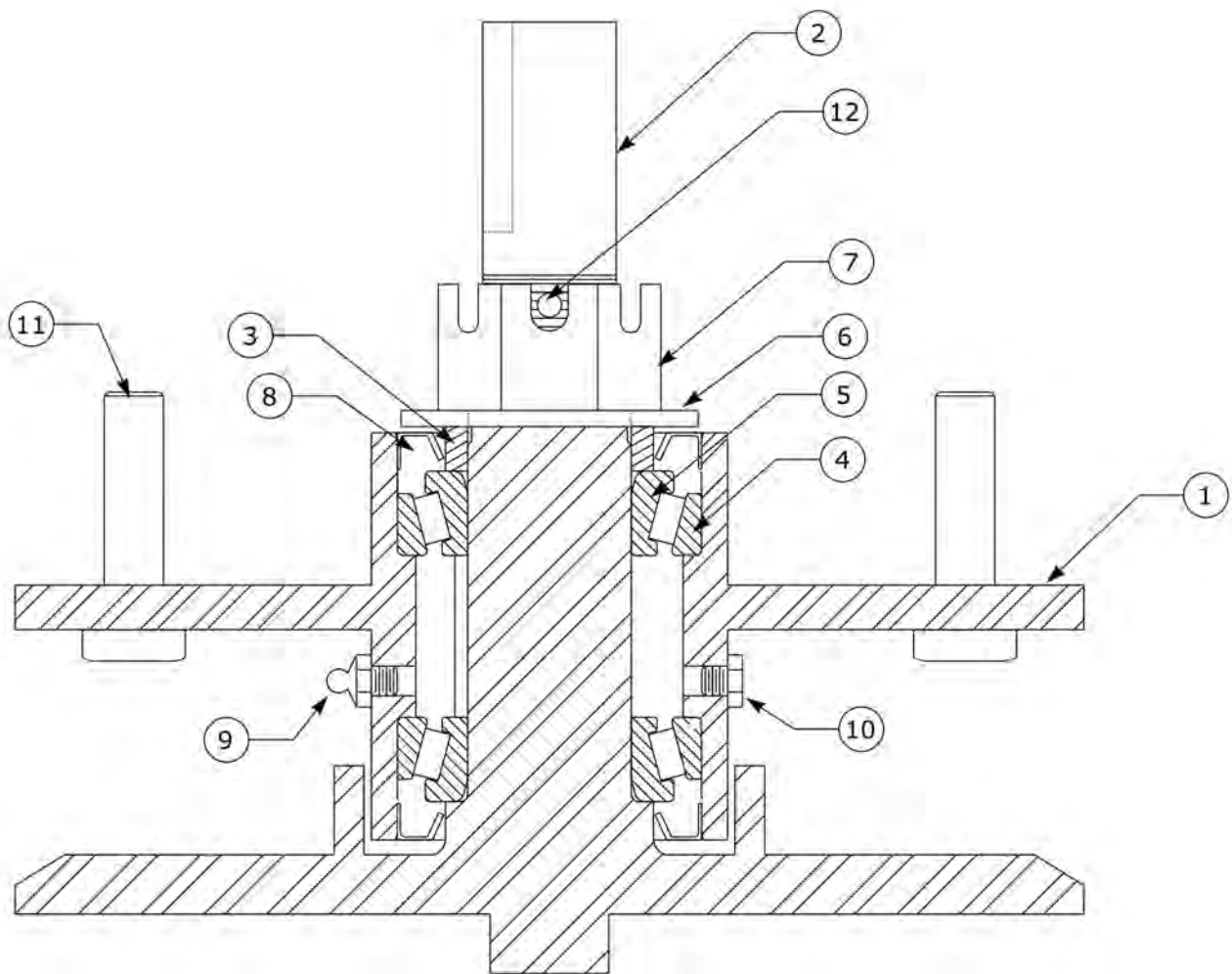
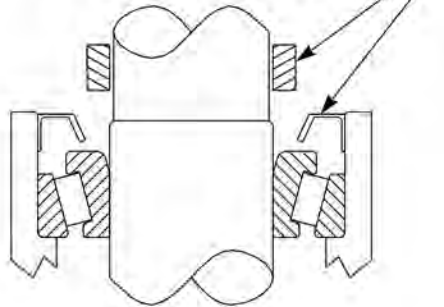
BUZZBAR ASY - 90 IN HEAD (PART 2) PN 02986245**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
48	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
49	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
50	02957622	2	ADP HYD STGHT 16MB-16MJ
51	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
52	00696800	1	ADP HYD STGHT 8MB - 8MJ
53	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
54	02991249	1	VINYL TAPE GREEN 1/2" WIDE
55	02969464	2	ADP HYD STGHT 16FJ-8MJ
56	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
57	02962213	1	ADP HYD ELBOW 8MB - 8MJ90
58	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
59	02995908	2	NUT SPRLCK FLG 3/8-16 PL
60	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
61	63000500	16	WASHER, FLAT, PLATED
62	40010000	16	PIN, COTTER 1/8 X1

BUZZBAR SPINDLE ASY

UPPER SEAL INSTALLATION

FIRST INSTALL SEAL (LIP DOWN)
THEN SLIDE THE RING IN



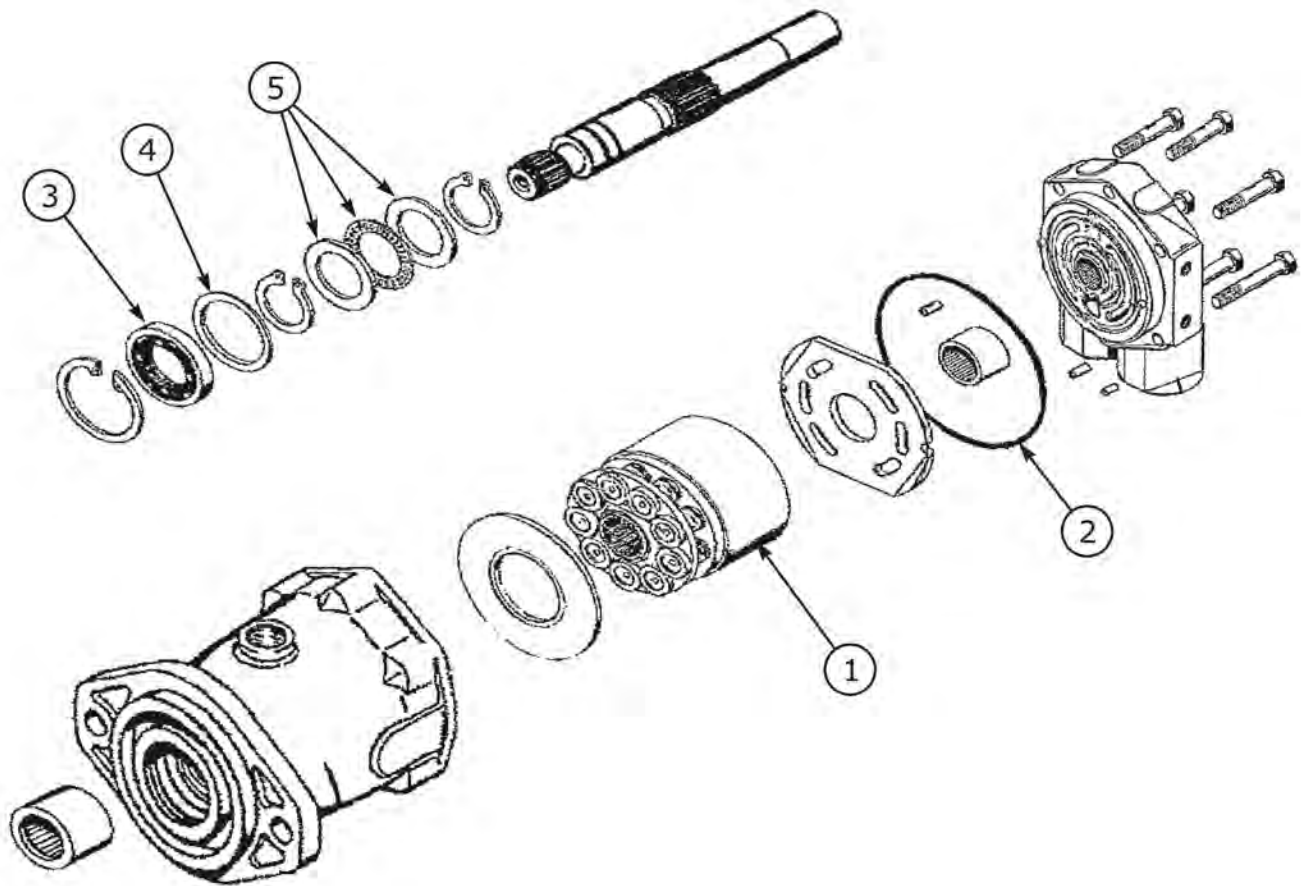
BUZZBAR SPINDLE ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
0	02974235	1	ASY SPINDLE
1	02974224	1	HOUSING SPINDLE MACHINED
2	02978472	1	SHAFT, WELDMENT NON DRIVE
3	02974234	1	COLLAR BEARING PRELOAD
4	70044	2	BEARING CUP LM48510
5	5312314	2	BEARING CONE LM48548
6	15C2000	1	WASHER, HARDENED 1-1/4
7	5D20120	1	NUT,HEX SLOTTED 1-1/4-12NF PL
8	00766549	2	SEAL
9	00003500	1	FITTING,GREASE 1/8 MP STRAIGHT
10	02959018	1	GREASE RELIEF FITTING 1-5LBS
11	00752177	4	BOLT, STUD 1/2-20 NF X 1-7/8
12	00606000	1	PIN,COTTER 3/16X2

NOTE:QTY SHOWN IS PER SPINDLE ASSEMBLY, QTY WILL DEPEND ON NUMBER OF SPINDLES YOU ARE REPAIRING. CHECK MODEL BEFORE ORDERING PARTS.

BUZZBAR AND GRASS FLAIL MOTOR ASSEMBLY



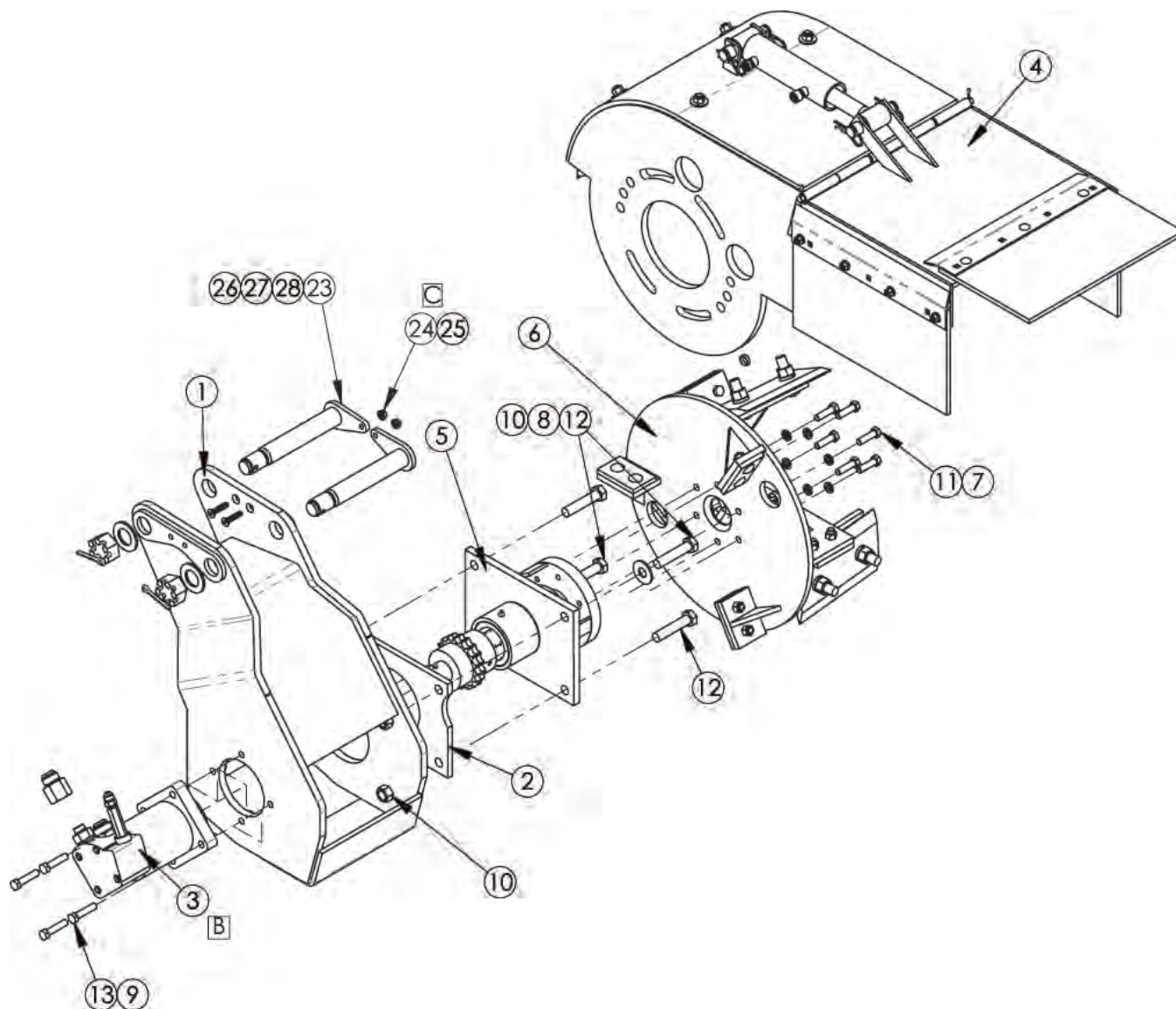
BUZZBAR AND GRASS FLAIL MOTOR ASSEMBLY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	8301295	1	MOTOR,PISTON-2.48 CU.IN./REV
1	001641	1	ASSY, ROTATING KIT
2	03200409	1	O-RING
3	02988181	1	KIT,HIGH PRESSURE, SEAL & RING
4	03200411	1	WASHER
5	001644	2	BRG. & RACE SET
	02975345	1	SEAL KIT

SECTION 40 DITCHERS

DITCHER HEAD ASY PN 02988100



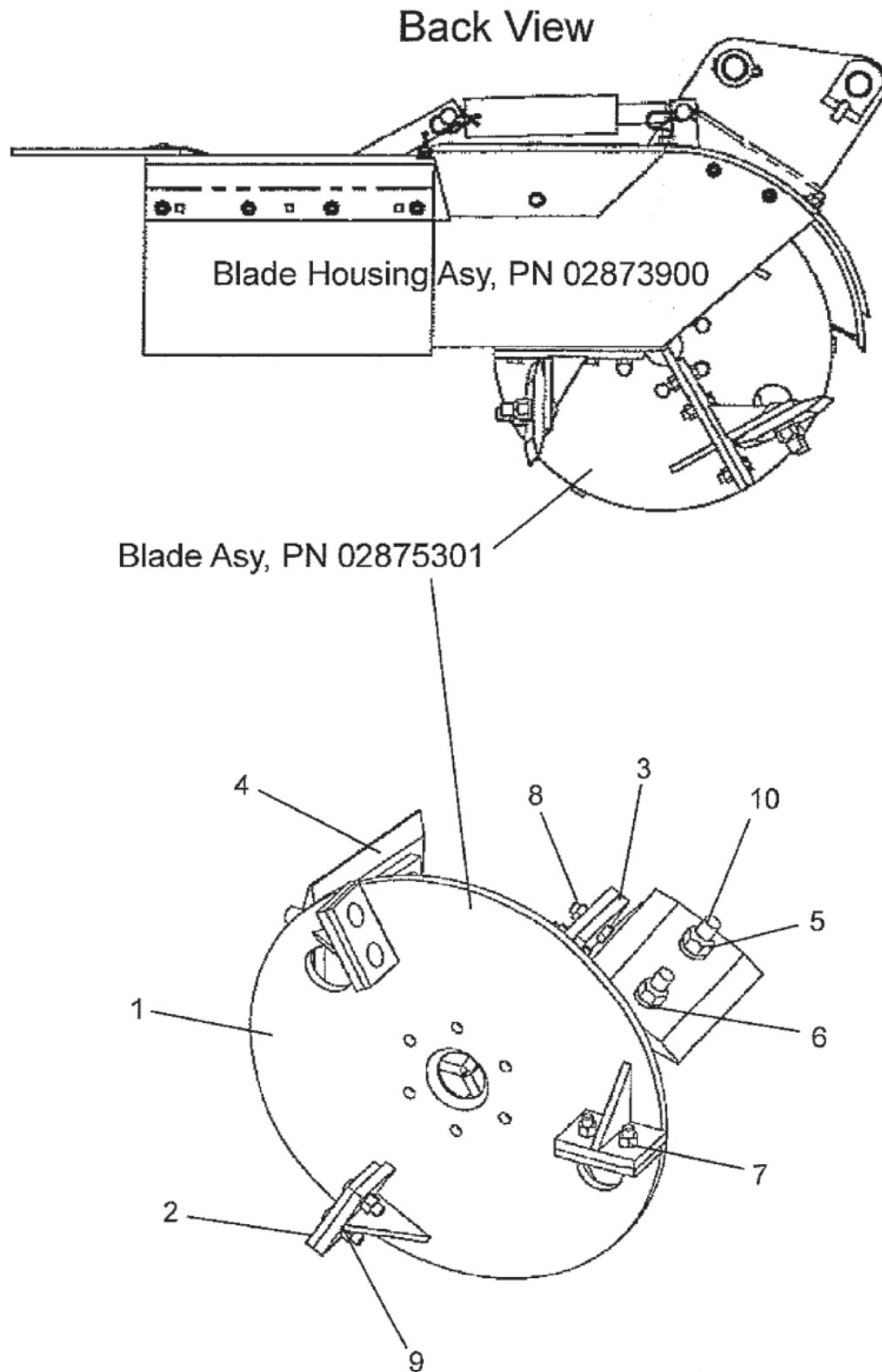
ITEM	PART NO.	QTY.	DESCRIPTION
1	02988101	1	MACH, WLDMT, HITCHPOST
2	02973583	1	PLATE SPACER ON DITCHER
3	02977703	1	MOTOR GEROLER 7.95 CID
4	02873900	1	BLADE, HSG ASY
5	02973336	1	ASY SPINDLE
6	02875301	1	BLADE, HEAD ASY. ROUGH CUT
7	00001300	6	WASHER,LOCK 1/2 GR8 - YDP
8	00002701	2	FLATWASHER,3/4,TYPE AW,ZP
9	00001800	4	LOCKNUT TLM 1/2 NC PLC
10	00037200	4	NUT,HEX TOPLOCK 3/4 NC GR.C PL
11	02891800	6	HHCS 1/2 NC 1-3/4 PL8
12	02881000	4	HHCS 3/4 NC 3-1/2 PL5

DITCHER HEAD ASY PN 02988100

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
13	02027400	4	HHCS 1/2 NC 2-1/4 PL5
14	02980373	2	ADP HYD STGHT 10MB - 16MJ
15	02980686	1	RELIEF VALVE INLINE 160 PSI
16	00770346	1	ADP HYD STGHT 6MB-8MJ
23	02988111	2	WELDMENT, PIN,HTCHPST-10.625LG
24	02995908	2	NUT SPRLCK FLG 3/8-16 PL
25	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
26	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
27	02971701	2	NUT SLOT 1-3/8 12NF PLB
28	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW

DITCHER BLADE HEAD ASY - ROUGH CUT PN 02875301

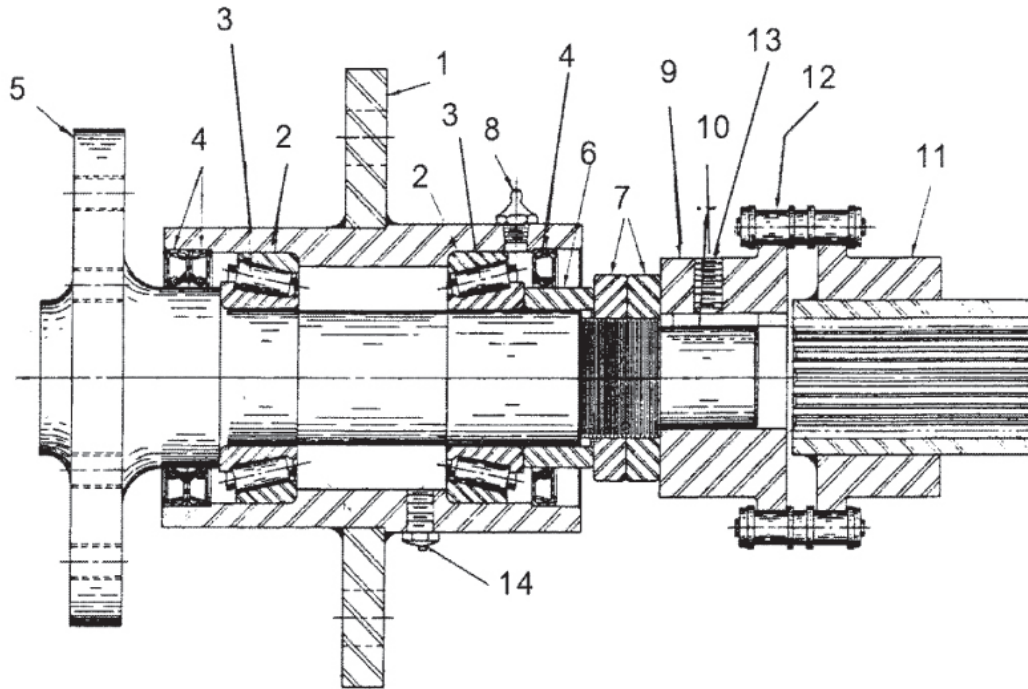


DITCHER BLADE HEAD ASY - ROUGH CUT PN 02875301

Continued...

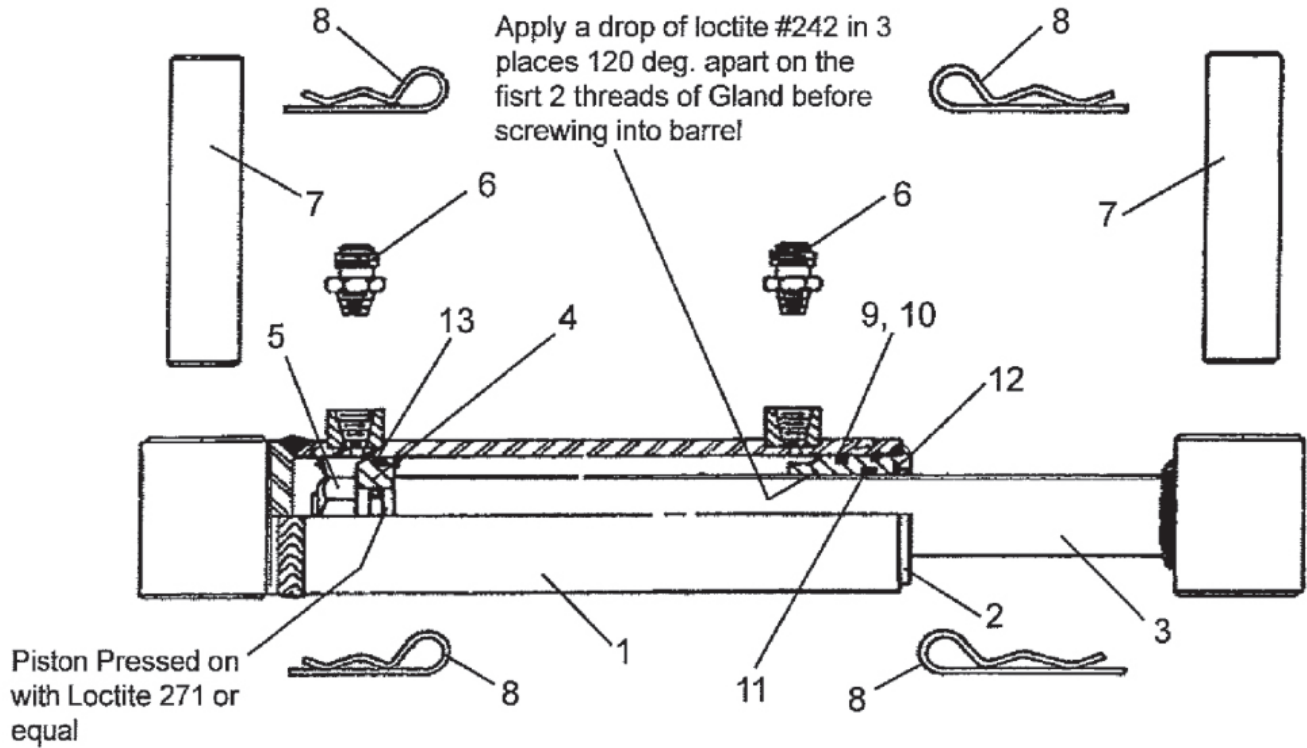
ITEM	PART NO.	QTY.	DESCRIPTION
1	02875400	1	WLDMT, BLADE HEAD
2	02875900	3	WEAR PLATE
3	02958680	3	WLDMT, MOUNT BRKT-ROUGH CUT BL
4	02958675	3	BLADE - ROUGH CUT, DITCHER
5	00037200	6	NUT,HEX TOPLOCK 3/4 NC GR.C PL
6	00003901	6	LOCKWASHER, 3/4, HVY, PL
7	00001800	18	LOCKNUT TLM 1/2 NC PLC
8	02891800	12	HHCS 1/2 NC 1-3/4 PL8
9	02886900	6	CARB 1/2-13 NC X 1-1/2 PL5
10	02958684	6	CARB 3/4 NC 2-1/2 PL5

DITCHER - SPINDLE ASY PN 02973336



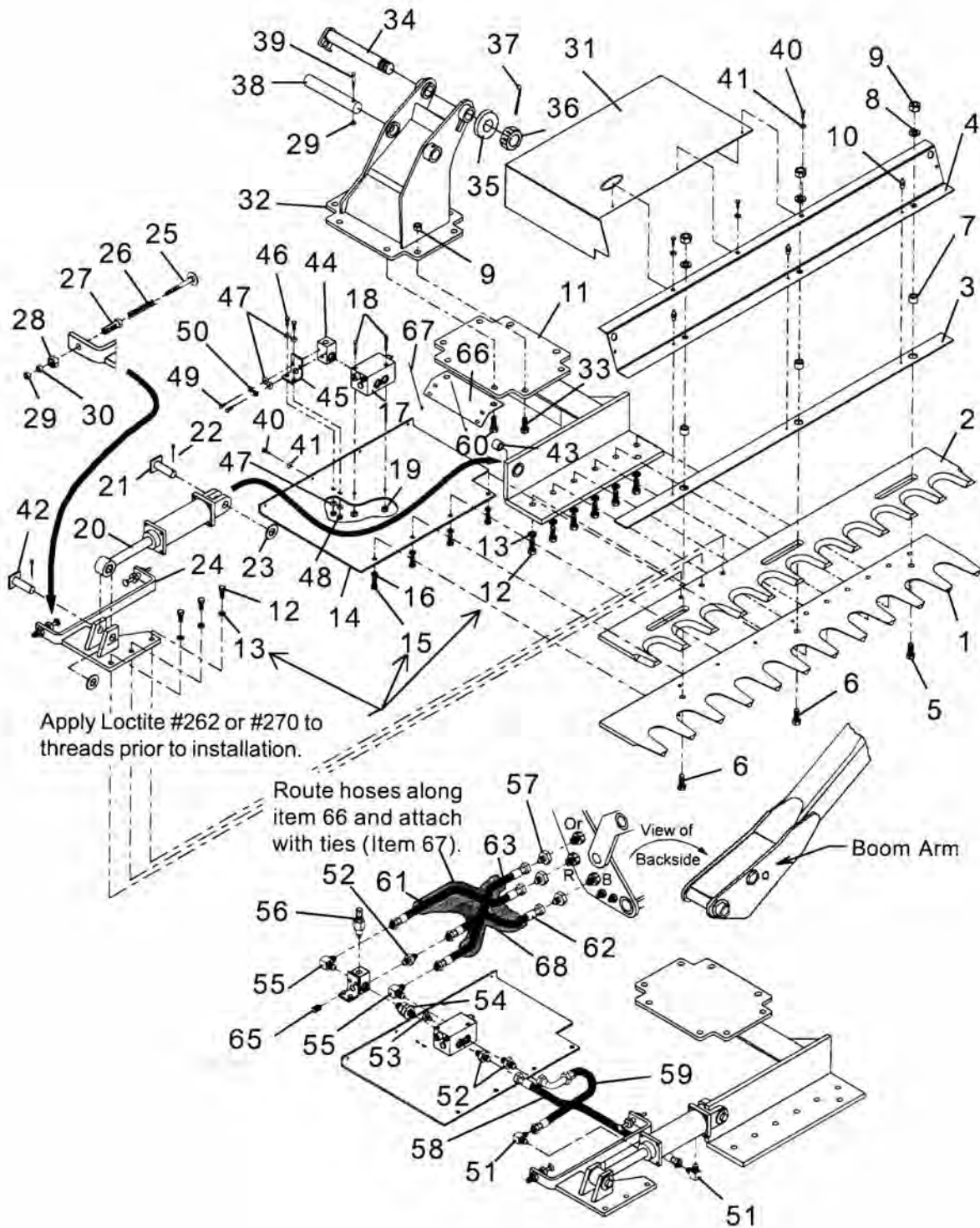
ITEM	PART NO.	QTY.	DESCRIPTION
0	02973336	1	ASY SPINDLE
1	02883700	1	SPINDLE HSG W/BRG CUP & ZERK
2	02708100	2	BEARING CUP 3.6718" OD
3	02707700	2	BEARING CONE 3780
4	02707600	3	SEAL
5	02872701	1	SPINDLE WITH CAPTIVE KEYWAY
6	02873200	1	SPACER
7	02870900	1	NUT 1-3/4 12
8	00003500	1	FITTING,GREASE 1/8 MP STRAIGHT
9	02873301	1	COUPLING HALF SPINDLE
10	02959017	1	KEY-SPINDLE DITCHER
11	02973318	1	USE 02984159
12	02873800	1	CHAIN - COUPLING
13	02959014	1	SHSS 3/8 NC 3/8
14	02959018	1	GREASE RELIEF FITTING 1-5LBS

DITCHER HEAD DEFLECTOR CYLINDER PN 02956704



ITEM	PART NO.	QTY.	DESCRIPTION
0	02956704	1	DEFLECTOR CYLINDER W/FITTINGS
	02811000A	1	HYD CYL 2 BORE X 4.56 STROKE
1	02977664	1	TUBE WELDMENT 2.00-4.56-W-S
2	1417144	1	HEAD,CYLINDER 2.00-1.25 THD
3	02977665	1	ROD WELDMENT 1.25-4.56-W
4	33309	1	PISTON 2.00 -.75-S-PSP
5	5JRC12160	1	LOCKNUT TLM 3/4 NF PLC
6	02042500	2	ADAPTER, HYD, STGHT
7	02276700	2	PIN-CYLINDER
8	02276800	4	PIN-CLIP
9*	-----	1	SEAL, GLAND
10*	-----	1	O-RING
11*	-----	1	SEAL, ROD
12*	-----	1	SEAL, ROD WIPER
13*	-----	1	SEAL PISTON
14	02975528	1	SEAL KIT (ITEMS WITH * ARE INCLUDED IN SEAL KIT)

5 AND 7 FT TIMBERCAT ASSY (PART1)



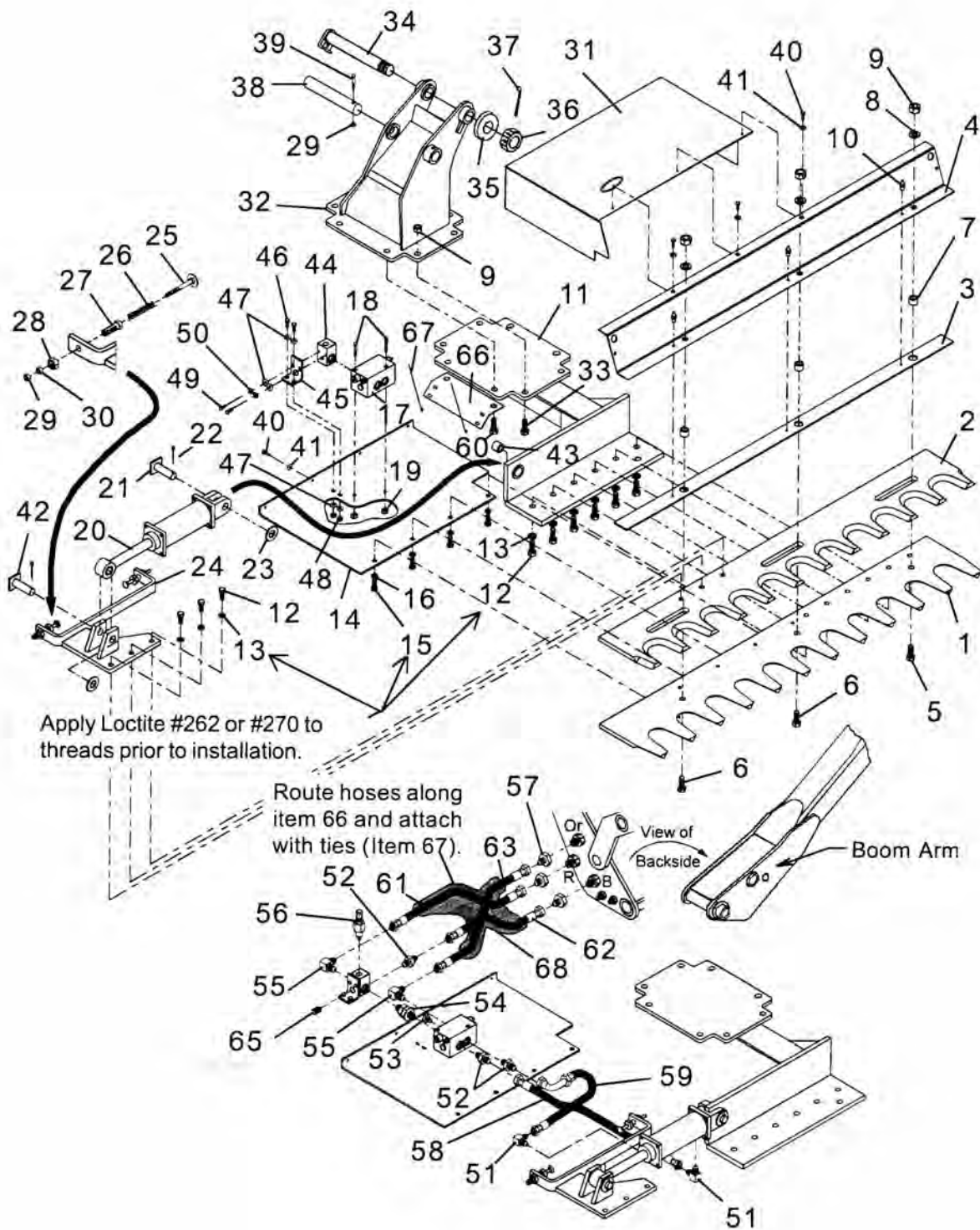
5 AND 7 FT TIMBERCAT ASSY (PART1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02988159	1	ASY, TIMBERCAT 5, PISTON, GEN2
	02988158	1	ASY, TIMBERCAT 7, PISTON, GEN2
1	02971390	1	BLADE BOTTOM 5
	02971392	1	BLADE BOTTOM 7
2	02971389	1	BLADE TOP 5
	02971391	1	BLADE TOP 7
3	02971398	1	BEARING 5 SLIDE
	02971399	1	BEARING 7 SLIDE
4	02972363	1	FRONT COVER 5
	02972512	1	FRONT COVER 7
5	00751581	1	HHCS 3/4 NC 3-1/2 PL8
6	02960521	2	HHCS 3/4 NC 2-3/4 PL8
	02960521	3	HHCS 3/4 NC 2-3/4 PL8
7	02971400	3	BSHG 1.172 X .765 X .844
	02971400	4	BSHG 1.172 X .765 X .844
8	5312316	3	WASHER,HARDENED 3/4"
	5312316	4	WASHER,HARDENED 3/4"
9	00037200	11	NUT,HEX TOPLOCK 3/4 NC GR.C PL
	00037200	12	NUT,HEX TOPLOCK 3/4 NC GR.C PL
10	4720	3	GREASE FITTING 1/8 SELF TAP
	4720	4	GREASE FITTING 1/8 SELF TAP
11	02972567	1	WLDMT FRAME TIMBER CAT-MACHETE
12	00024400	9	HHCS 3/4-10UNC 1-1/2 PL
13	02972570	9	HIGH ALLOY, L/W 3/4 YZ KG
14	02972256	1	PLATE VALVE MOUNT
15	00750959	4	HEXB,1/2-13 X 1 PL5
16	00001300	4	WASHER,LOCK 1/2 GR8 - YDP
17	02972549	1	VALVE INVERSION W/PUSH BUTTONS
18	02972807	2	SHCS 5/16NC 2
19	00750940	2	LOCKNUT TLM 5/16 NC PLB
20	02971423	1	HYD CYLINDER 3 BORE X 5.88
21	02972505	1	WELDMENT PIN
22	00749495	2	PIN-COTTER 1/8 X 2
23	02822500	2	FLATWASHER 1 PL STD
24	02972353	1	WLDMT CYLINDER MOUNT ROD END
25	02972352	2	WELDMENT BOLT
26	02972262	2	SPRING 2 LG X .600 OD
27	02972261	2	BOLT ADJUSTING
28	65010300	2	NUT 3/4 NF HEX PL JAM RH G8
29	00015800	3	LOCKNUT TLM 3/8-NC PLC

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

5 AND 7 FT TIMBERCAT ASSY (PART2)



5 AND 7 FT TIMBERCAT ASSY (PART2)

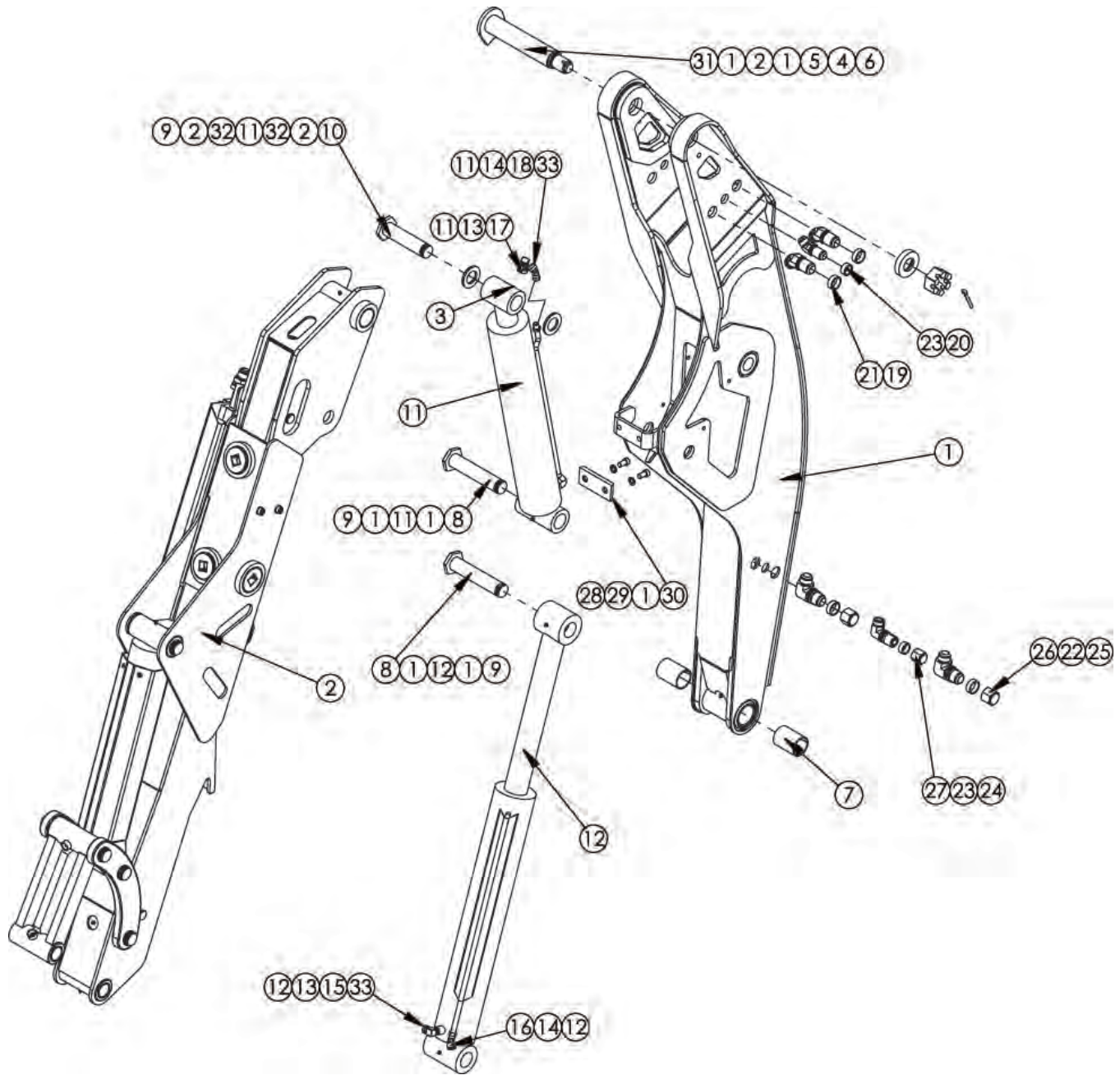
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
30	00751281	3	NUT JAM 3/8-16 PLA
31	02972355	1	WLDMT COVER
32	02986200	1	WELDMENT, HITCHPOST
33	02918600	7	HEXB 3/4-10UNC 2 PL8
34	02981757	1	WELDMENT, PIN, HITCH POST
35	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
36	02971701	1	NUT SLOT 1-3/8 12NF PLB
37	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
38	02981757	1	WELDMENT, PIN, HITCH POST
39	02970595	1	HHCS 3/8 NC 2-3/4 PL8
40	00752735	7	SELF TAP 5/16NC 3/4 PL TYPE"F"
41	00023500	7	FLATWASHER 5/16 PL
42	02972507	1	WELDMENT PIN
43	02957501	1	BUSHING 1ID X 1-3/8OD X 1LG
44	02972568	1	MANIFOLD BLOCK
45	02972791	1	FB BRACKET FOR MANIFOLD
46	10058000	2	HHCS 1/4 NC 1 PL5
47	00024100	6	FLATWASHER STD 1/4 PL
48	02959924	2	NUT,LOCK TLM 1/4-20 NC PLB
49	00021400	2	HHCS 1/4 NC 3/4 PL5
50	00017000	2	WASHER,LOCK 1/4 GR8 - YDP
51	02962213	2	ADP HYD ELBOW 8MB - 8MJ90
52	02042300	3	ADP HYD STGHT 10MB-8MJ
53	001582	1	PLUG #6MB
54	02972796	1	ADP HYD STGHT 10MB-10MB
55	02161300	2	ADP HYD ELBOW 8MJ-10MB90
56	02972569	1	RELIEF VALVE LOW PRESS 160 PSI
57	02969464	3	ADP HYD STGHT 16FJ-8MJ
58	02972800	1	HOSE #8 - 8FJX - 8FJX -14.75
59	02972799	1	HOSE #8 - 8FJX - 8FJX90- 22LG
60	02959390	2	HHCS 3/4 NC 2-1/4 PL8
61	02972980	1	HOSE #8 - 8FJX - 8FJX - 80LG
62	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
63	02972982	1	HOSE #8 - 8FJX - 8FJX - 80LG
64	02965464	1	CORDURA SLEEVING - 78 LG
65	00751003	1	PLUG, PIPE 1/4 NPTM SQ HEAD
66	02973007	1	BRACKET HOSE
67	02753400	2	PLASTIC TIE 15 LG UV BLACK
68	02965464	1	CORDURA SLEEVING - 78 LG

02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

SECTION 50 BOOMS

BOOM ASY (24 FT BOOM) - PN 02995315

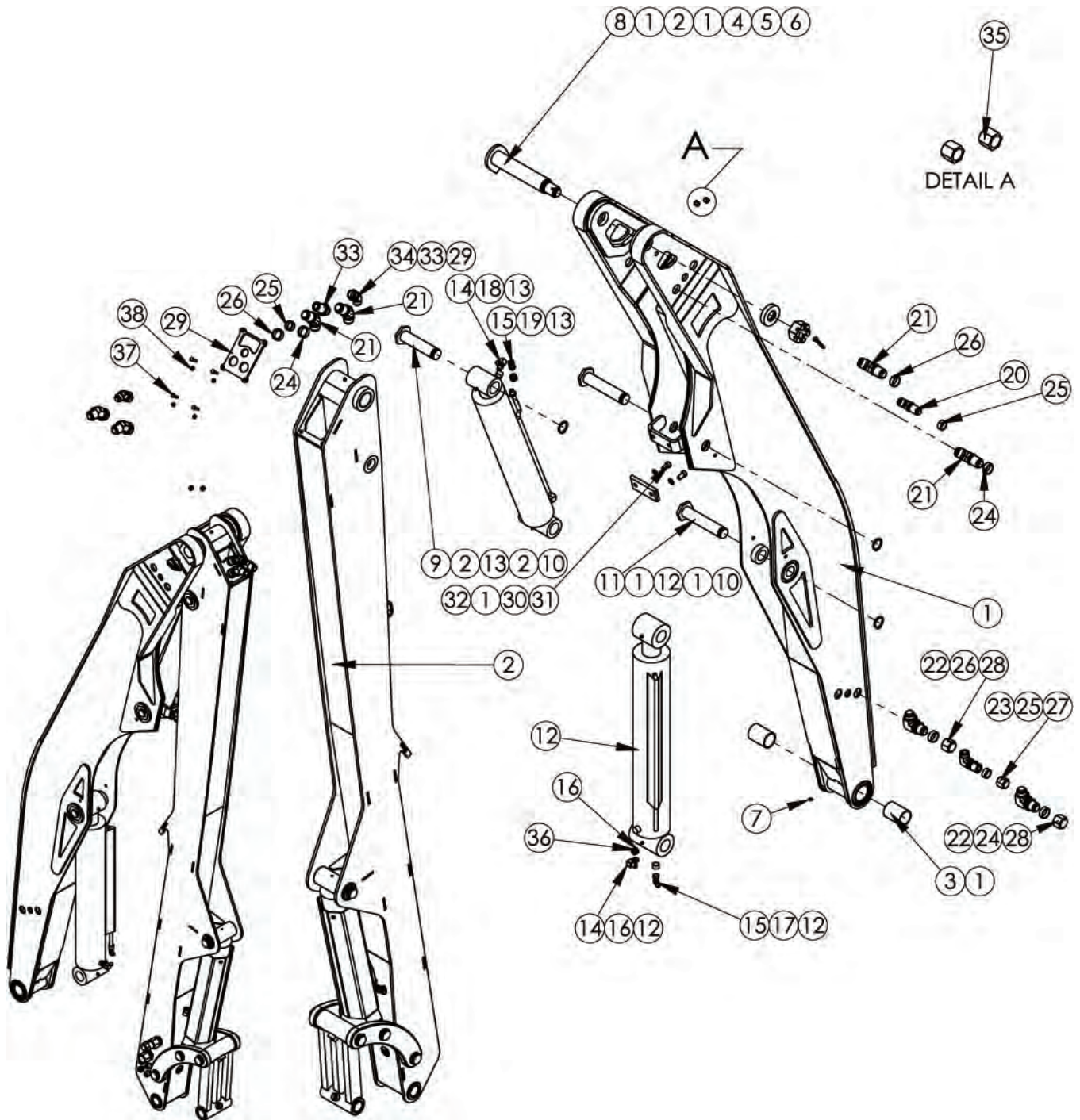


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981213	1	WELDMNT, BOOM, LIFT
2	02995316	1	ASY, DIPPER, MAV 2 24
3	00752670	5	FITTING,GREASE-STR 1/4-28 UNF
4	02981702	1	SLOTTED NUT, 1-1/2 NF
5	02981273	1	PIN SPACER, DIPPER
6	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
7	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
8	02995345	2	WLDMT, LIFT PIN, MAV 2 24

BOOM ASY (24 FT BOOM) - PN 02995315**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
9	02994201	3	SNAP RING, EXT HD, 1-1/2 PIN
10	02995348	1	WLDMT, DIP PIN, MAV 2 24
11	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
12	02981279	1	CYLINDER, 4.0B X 2.25R X24.63S
13	63149100	2	ADP HYD ELBOW 6MB-6MJ90
14	02976531	2	ADP HYD ELBOW 6MJ - 6FJX 45DEG
15	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
16	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
17	02968830	1	VINYL TAPE BLUE 1/2" WIDE
18	02968831	1	VINYL TAPE BLUE 1/4" WIDE
19	02919400	2	ADP HYD BKHD 16MJ-16MJ45
20	02981199	1	ADP HYD ELBOW 12MJ-12MJ45 BKHD
21	02968894	2	VINYL TAPE RED 1/2" WIDE
22	02968896	2	VINYL TAPE BLUE 1/2" WIDE
23	02991249	2	VINYL TAPE GREEN 1/2" WIDE
24	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
25	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
26	02956918	2	CAP, HYD #16FJIC
27	02964952	1	CAP NUT 12FJ
28	02982454	2	SHCS 1/2 NC 7/8 PL
29	02991847	2	FLAT WSHR 1/2 IDX7/8 OD 14G PL
30	02992709	1	WEAR PAD, PLASTIC W/ INSERTS
31	02995408	1	WLDMT, PIN LIFT/DIP, MAV 2
32	02994953	2	TUBE, DIP CYL SPACER, MAV 2
33	02991555	2	VINYL TAPE WHITE 1/4" WIDE

BOOM ASY (28 FT BOOM) - PN 02996401

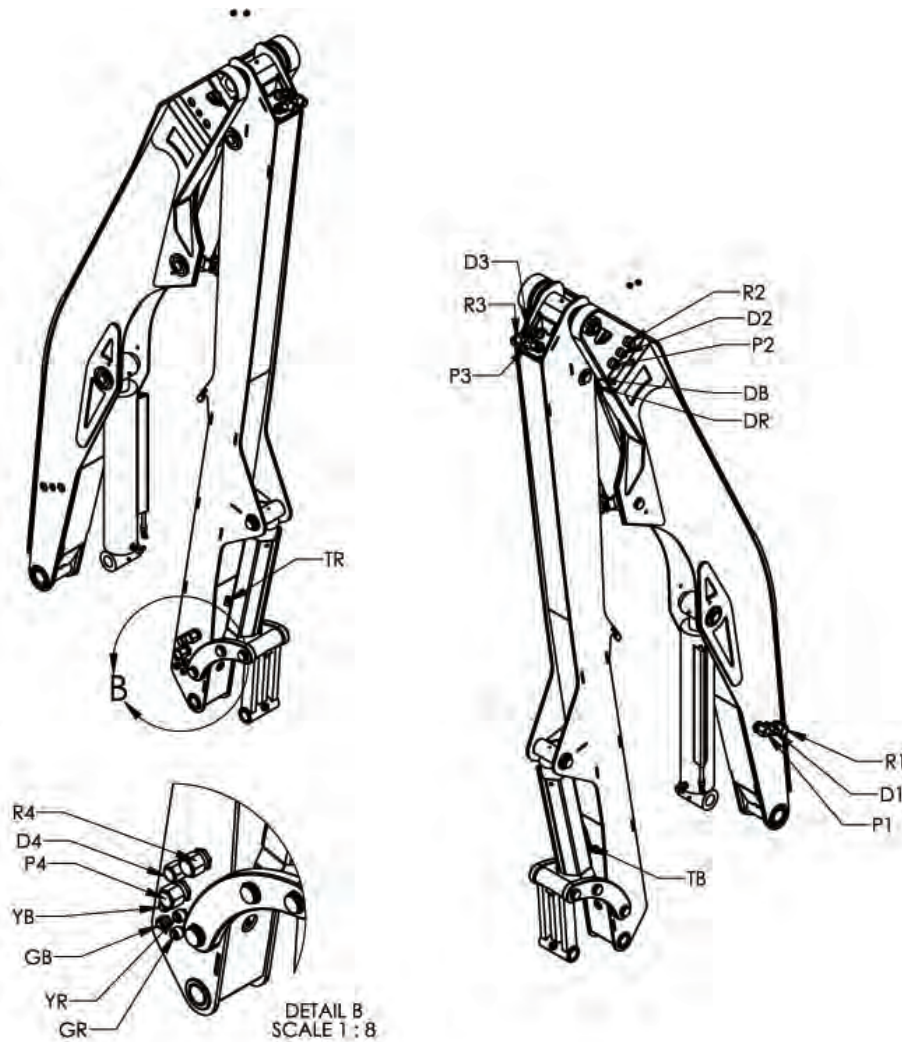


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981298	1	WELDMNT, BOOM, LIFT
2	02996402	1	ASY, DIPPER, MAV 2 28
3	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
4	02981273	1	PIN SPACER, DIPPER
5	02981702	1	SLOTTED NUT, 1-1/2 NF

BOOM ASY (28 FT BOOM) - PN 02996401**Continued...**

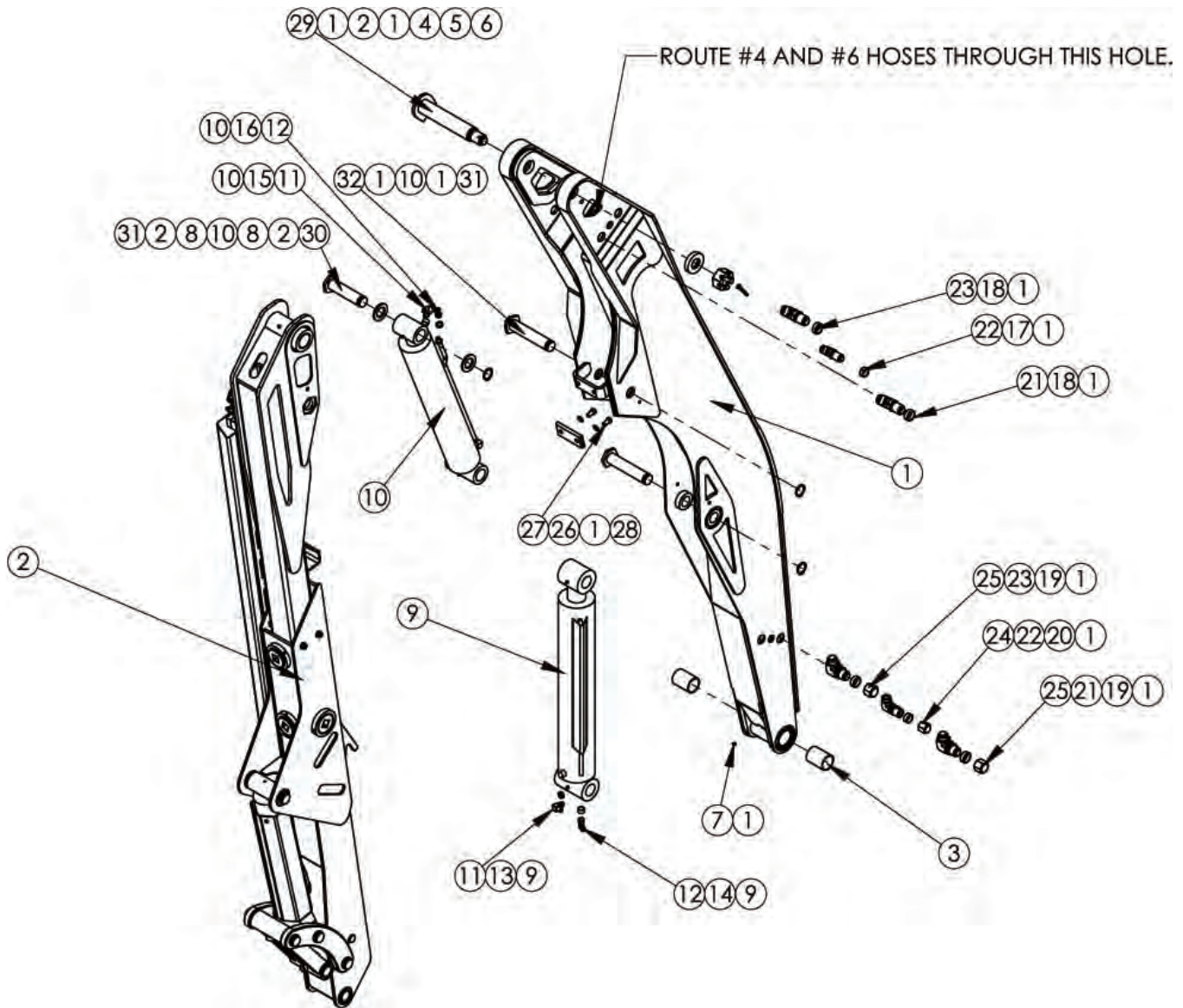
ITEM	PART NO.	QTY.	DESCRIPTION
6	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
7	00752670	5	FITTING, GREASE-STR 1/4-28 UNF
8	02995408	1	WLDMT, PIN LIFT/DIP, MAV 2
9	02996415	1	WLDMT, DIP PIN, MAV 2 28
10	02994201	3	SNAP RING, EXT HD, 1-1/2 PIN
11	02995345	2	WLDMT, LIFT PIN, MAV 2 24
12	02981278	1	CYLINDER, 4.5B X 2.5R X 24.63S
13	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
14	63149100	2	ADP HYD ELBOW 6MB-6MJ90
15	02976531	2	ADP HYD ELBOW 6MJ - 6FJX 45DEG
16	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
17	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
18	02968830	1	VINYL TAPE BLUE 1/2" WIDE
19	02968831	1	VINYL TAPE BLUE 1/4" WIDE
20	02981199	1	ADP HYD ELBOW 12MJ-12MJ45 BKHD
21	02919400	4	ADP HYD BKHD 16MJ-16MJ45
22	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
23	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
24	02968894	3	VINYL TAPE RED 1/2" WIDE
25	02991249	3	VINYL TAPE GREEN 1/2" WIDE
26	02968896	3	VINYL TAPE BLUE 1/2" WIDE
27	02964952	1	CAP NUT 12FJ
28	02956918	2	CAP, HYD #16FJIC
29	02996417	1	PLATE, FACE PLATE, MAV 2 28
30	02991847	2	FLAT WSHR 1/2 IDX7/8 OD 14G PL
31	02982454	2	SHCS 1/2 NC 7/8 PL
32	02992709	1	WEAR PAD, PLASTIC W/ INSERTS
33	00751472	1	BULK HEAD ADAPTER #12 MJIC
34	02984905	2	ADP HYD ELBOW 12MJ-12FJX45
35	02919600	2	CAP-NUT #4FJ
36	02991555	2	VINYL TAPE WHITE 1/4" WIDE
37	10058000	4	HHCS 1/4 NC 1 PL5
38	00017000	4	WASHER, LOCK 1/4 GR8 - YDP
39	02959154	2	ADP HYD ELBOW 16MJ -16FJX 45

BOOM ASY 28 FT HOSE ROUTING



ITEM	PART	DESCRIPTION	QTY	FUNCTION	END 1	END 2
1	02996418	HOSE #16 16FJX90-16FJX 108.75" R	1	PRESSURE	P3	P4
2	02996419	HOSE #16 16FJX-16FJX 102.75" B	1	RETURN	R3	R4
3	02996420	HOSE #12 12FJX-12FJX 103.5" G	1	DRAIN	D3	D4
4	02996421	HOSE #16 16FJX90-16FJX 76.5" R	1	PRESSURE	P2	P3
5	02996422	HOSE #16 16FJX90-16FJX 76.5" B	1	RETURN	R2	R3
6	02996423	HOSE #12 12FJX90-12FJX 76.5" G	1	DRAIN	D2	D3
7	02996424	HOSE #4 4MJ-4FJX 187" G	1	AUX 1	GR	02995081
8	02996425	HOSE #4 4MJ-4FJX 187" G/W	1	AUX 1	GB	02995080
9	02996426	HOSE #4 4MJ-4FJX 187" Y	1	AUX 2	YR	02995085
10	02996427	HOSE #4 4MJ-4FJX 187" Y/W	1	AUX 2	YB	02995084
11	02996428	HOSE #6 6MJ-6FJX 176" R	1	HEAD TILT	TR	02995094
12	02996429	HOSE #6 6MJ-6FJX90 176" R/W	1	HEAD TILT	TB	02995095
13	02981875	HOSE #16-16FJX-16FJX-90.5LG	1	PRESSURE	P1	P2
14	02981876	HOSE #16-16FJX-16FJX-94LG B	1	RETURN	R1	R2
15	02981878	HOSE #12-12FJX-12FJX-93LG	1	DRAIN	D1	D2
16	02995080	HOSE #4 4FJX-4MJ 138.5 GW	1	AUX 1	02996425	TRAC
17	02995081	HOSE #4 4FJX-4MJ 138.5 G	1	AUX 1	02996424	TRAC
18	02995094	HOSE #6 6FJX-6MJ 138.5 R	1	HEAD TILT	02996428	TRAC
19	02995095	HOSE #6 6FJX-6MJ 138.5 RW	1	HEAD TILT	02996429	TRAC
20	02995109	HOSE #6 6FJX-6MJ 140 B	1	DIPPER	DR	TRAC
21	02995110	HOSE #6 6FJX-6MJ 140 BW	1	DIPPER	DB	TRAC
22	02995084	HOSE #4 4FJX-4MJ 138.5 YW	1	AUX 2	02996427	TRAC
23	02995085	HOSE #4 4FJX-4MJ 138.5 Y	1	AUX 2	02996426	TRAC

BOOM ASY (30 FT BOOM) - PN 02995013

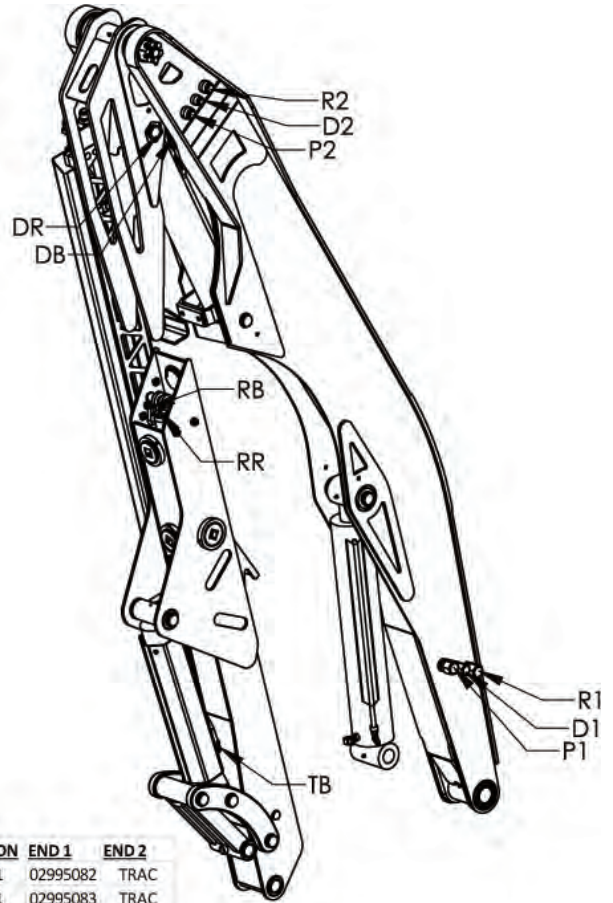
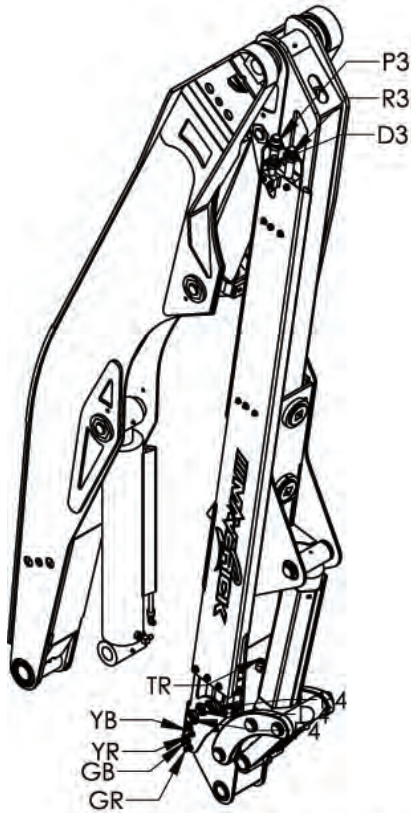


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981298	1	WELDMENT, BOOM, LIFT
2	02995000	1	ASY, DIPPER, MAV 2
3	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
4	02981273	1	PIN SPACER, DIPPER
5	02981702	1	SLOTTED NUT, 1-1/2 NF
6	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
7	00752670	5	FITTING, GREASE-STR 1/4-28 UNF
8	02994953	2	TUBE, DIP CYL SPACER, MAV 2
9	02981278	1	CYLINDER, 4.5B X 2.5R X 24.63S
10	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
11	63149100	2	ADP HYD ELBOW 6MB-6MJ90

BOOM ASY (30 FT BOOM) - PN 02995013**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
12	02976531	2	ADP HYD ELBOW 6MJ - 6FJX 45DEG
13	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
14	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
15	02968830	1	VINYL TAPE BLUE 1/2" WIDE
16	02968831	1	VINYL TAPE BLUE 1/4" WIDE
17	02981199	1	ADP HYD ELBOW 12MJ-12MJ45 BKHD
18	02919400	2	ADP HYD BKHD 16MJ-16MJ45
19	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
20	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
21	02968894	2	VINYL TAPE RED 1/2" WIDE
22	02991249	2	VINYL TAPE GREEN 1/2" WIDE
23	02968896	2	VINYL TAPE BLUE 1/2" WIDE
24	02964952	1	CAP NUT 12FJ
25	02956918	2	CAP,HYD #16FJIC
26	02991847	2	FLAT WSHR 1/2 IDX7/8 OD 14G PL
27	02982454	2	SHCS 1/2 NC 7/8 PL
28	02992709	1	WEAR PAD, PLASTIC W/ INSERTS
29	02995408	1	WLDMT, PIN LIFT/DIP, MAV 2
30	02995348	1	WLDMT, DIP PIN, MAV 2 24
31	02994201	3	SNAP RING, EXT HD, 1-1/2 PIN
32	02995345	2	WLDMT, LIFT PIN, MAV 2 24

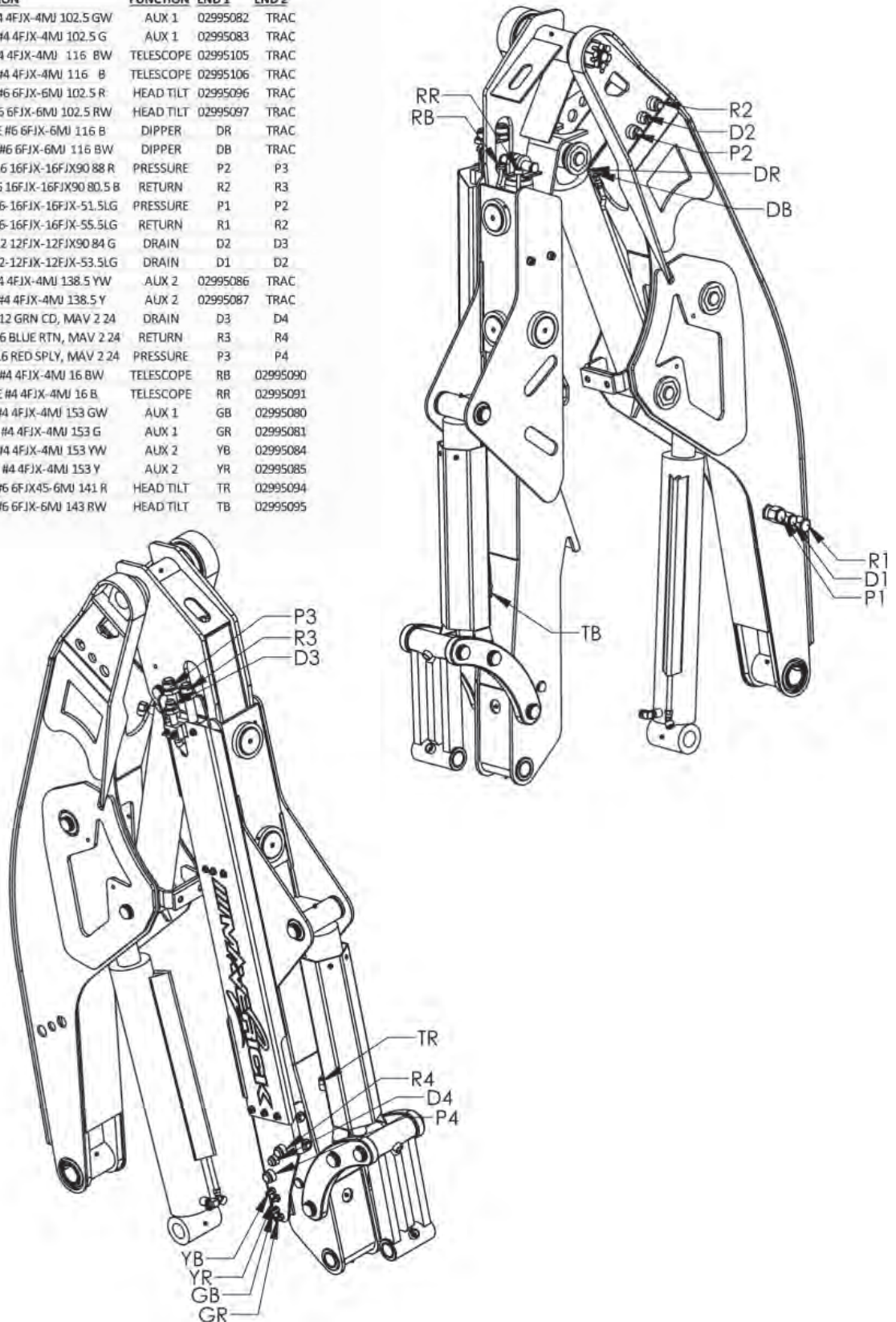
BOOM ASY 30FT HOSE ROUTING



ITEM	PART	QTY	DESCRIPTION	FUNCTION	END 1	END 2
1	02995080	1	HOSE #4 4FJX-4MJ 138.5 GW	AUX 1	02995082	TRAC
2	02995081	1	HOSE #4 4FJX-4MJ 138.5 G	AUX 1	02995083	TRAC
3	02995090	1	HOSE #4 4FJX-4MJ 138.5 BW	TELESCOPE	02995105	TRAC
4	02995091	1	HOSE #4 4FJX-4MJ 138.5 B	TELESCOPE	02995106	TRAC
5	02995094	1	HOSE #6 6FJX-6MJ 138.5 R	HEAD TILT	02995096	TRAC
6	02995095	1	HOSE #6 6FJX-6MJ 138.5 RW	HEAD TILT	02995097	TRAC
7	02995109	1	HOSE #6 6FJX-6MJ 140 B	DIPPER	DR	TRAC
8	02995110	1	HOSE #6 6FJX-6MJ 140 BW	DIPPER	DB	TRAC
9	02995101	1	HOSE #16 16FJX-16FJX90 100 R	PRESSURE	P2	P3
10	02995102	1	HOSE #16 16FJX-16FJX90 92.5 B	RETURN	R2	R3
11	02981875	1	HOSE #16-16FJX-16FJX-90.5LG	PRESSURE	P1	P2
12	02981876	1	HOSE #16-16FJX-16FJX-94LG B	RETURN	R1	R2
13	02995103	1	HOSE #12 12FJX-12FJX90 96 G	DRAIN	D2	D3
14	02981878	1	HOSE #12-12FJX-12FJX-93LG	DRAIN	D1	D2
15	02995084	1	HOSE #4 4FJX-4MJ 138.5 YW	AUX 2	02995086	TRAC
16	02995085	1	HOSE #4 4FJX-4MJ 138.5 Y	AUX 2	02995087	TRAC
17	02994963	1	TUBE, #12 GRN CD, MAV 2 DIP	DRAIN	D3	D4
18	02994967	1	TUBE, #16 BLUE RTN, MAV 2 DIP	RETURN	R3	R4
19	02994971	1	TUBE, #16 RED SPLY, MAV 2 DIP	PRESSURE	P3	P4
20	02995105	1	HOSE #4 4FJX-4MJ 59 BW	TELESCOPE	RB	02995090
21	02995106	1	HOSE #4 4FJX-4MJ 59 B	TELESCOPE	RR	02995091
22	02995082	1	HOSE #4 4FJX-4MJ 187.5 GW	AUX 1	GB	02995080
23	02995083	1	HOSE #4 4FJX-4MJ 187.5 G	AUX 1	GR	02995081
24	02995086	1	HOSE #4 4FJX-4MJ 187.5 YW	AUX 2	YB	02995084
25	02995087	1	HOSE #4 4FJX-4MJ 187.5 Y	AUX 2	YR	02995085
26	02995096	1	HOSE #6 6FJX45-6MJ 175.5 R	HEAD TILT	TR	02995094
27	02995097	1	HOSE #6 6FJX-6MJ 177.5 RW	HEAD TILT	TB	02995095

HYD HOSE ROUTING - BOOM - 24 FT BOOM

ITEM	PART	QTY	DESCRIPTION	FUNCTION	END 1	END 2
1	02995260	1	HOSE #4 4FJX-4MJ 102.5 GW	AUX 1	02995082	TRAC
2	02995261	1	HOSE #4 4FJX-4MJ 102.5 G	AUX 1	02995083	TRAC
3	02995264	1	HOSE #4 4FJX-4MJ 116 BW	TELESCOPE	02995105	TRAC
4	02995265	1	HOSE #4 4FJX-4MJ 116 B	TELESCOPE	02995106	TRAC
5	02995266	1	HOSE #6 6FJX-6MJ 102.5 R	HEAD TILT	02995096	TRAC
6	02995267	1	HOSE #6 6FJX-6MJ 102.5 RW	HEAD TILT	02995097	TRAC
7	02995268	1	HOSE #6 6FJX-6MJ 116 B	DIPPER	DR	TRAC
8	02995269	1	HOSE #6 6FJX-6MJ 116 BW	DIPPER	DB	TRAC
9	02995393	1	HOSE #16 16FJX-16FJX90 88 R	PRESSURE	P2	P3
10	02995394	1	HOSE #16 16FJX-16FJX90 80.5 B	RETURN	R2	R3
11	02990128	1	HOSE #16 16FJX-16FJX-51.5LG	PRESSURE	P1	P2
12	02990130	1	HOSE #16 16FJX-16FJX-55.5LG	RETURN	R1	R2
13	02995395	1	HOSE #12 12FJX-12FJX90 84 G	DRAIN	D2	D3
14	02990129	1	HOSE #12 12FJX-12FJX-53.5LG	DRAIN	D1	D2
15	02995084	1	HOSE #4 4FJX-4MJ 138.5 YW	AUX 2	02995086	TRAC
16	02995085	1	HOSE #4 4FJX-4MJ 138.5 Y	AUX 2	02995087	TRAC
17	02995336	1	TUBE, # 12 GRN CD, MAV 2 24	DRAIN	D3	D4
18	02995334	1	TUBE, # 16 BLUE RTN, MAV 2 24	RETURN	R3	R4
19	02995332	1	TUBE, # 16 RED SPLY, MAV 2 24	PRESSURE	P3	P4
20	02995409	1	HOSE #4 4FJX-4MJ 16 BW	TELESCOPE	RB	02995090
21	02995410	1	HOSE #4 4FJX-4MJ 16 B	TELESCOPE	RR	02995091
22	02995304	1	HOSE #4 4FJX-4MJ 153 GW	AUX 1	GB	02995080
23	02995305	1	HOSE #4 4FJX-4MJ 153 G	AUX 1	GR	02995081
24	02995306	1	HOSE #4 4FJX-4MJ 153 YW	AUX 2	YB	02995084
25	02995307	1	HOSE #4 4FJX-4MJ 153 Y	AUX 2	YR	02995085
26	02995308	1	HOSE #6 6FJX45-6MJ 141 R	HEAD TILT	TR	02995094
27	02995309	1	HOSE #6 6FJX-6MJ 143 RW	HEAD TILT	TB	02995095



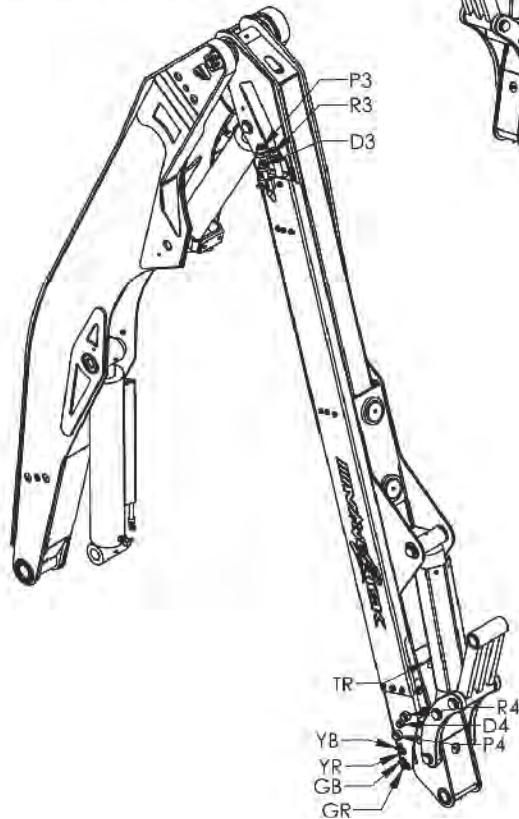
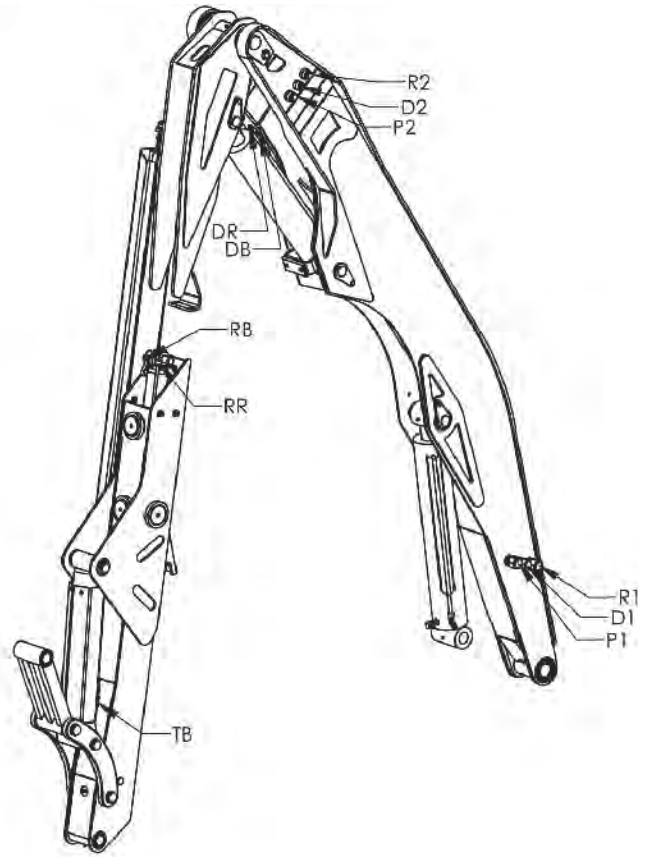
HYD HOSE ROUTING - BOOM - 24 FT BOOM

Continued...

NOTE:HOSE END-1 & END-2, THESE ARE WHERE THE ENDS OF THAT HOSE CONNECT, THE LETTER SHOWS LOCATION OF THAT END AND () SHOW TYPE HOSE FITTING AT THAT END. THE HOSES HAVE PLASTIC TIES ON THE TO SHOW WHICH HOSE IS WHICH. THE COLORS ARE ABBREVIATED TO YEL = YELLOW, YEL/W = YELLOW WITH WHITER STRIPE, GRN = GREEN, GRN/W= GREEN WITH WHITE STRIPE, RED = RED, RED/W = RED WITH WHITE STRIPE, BLU - BLUE, BLU/W = BLUE WITH WHITE STRIPE, ORG = ORANGE, ORG (SECT'N) = LOCATION WHERE HOSE IS LOCATED ON BOOM

HYD HOSE ROUTING - BOOM - 30 FT BOOM

ITEM	PART	QTY	DESCRIPTION	FUNCTION	END 1	END 2
1	02995080	1	HOSE #4 4FJX-4MJ 138.5 GW	AUX 1	02995082	TRAC
2	02995081	1	HOSE #4 4FJX-4MJ 138.5 G	AUX 1	02995083	TRAC
3	02995090	1	HOSE #4 4FJX-4MJ 138.5 BW	TELESCOPE	02995105	TRAC
4	02995091	1	HOSE #4 4FJX-4MJ 138.5 B	TELESCOPE	02995106	TRAC
5	02995094	1	HOSE #6 6FJX-6MJ 138.5 R	HEAD TILT	02995096	TRAC
6	02995095	1	HOSE #6 6FJX-6MJ 138.5 RW	HEAD TILT	02995097	TRAC
7	02995109	1	HOSE #6 6FJX-6MJ 140B	DIPPER	DR	TRAC
8	02995110	1	HOSE #6 6FJX-6MJ 140BW	DIPPER	DB	TRAC
9	02995101	1	HOSE #16 16FJX-16FJX90 100 R	PRESSURE	P2	P3
10	02995102	1	HOSE #16 16FJX-16FJX90 92.5 B	RETURN	R2	R3
11	02981875	1	HOSE #16 16FJX-16FJX-90.5LG	PRESSURE	P1	P2
12	02981876	1	HOSE #16 16FJX-16FJX-94LG B	RETURN	R1	R2
13	02995103	1	HOSE #12 12FJX-12FJX90 96 G	DRAIN	D2	D3
14	02981878	1	HOSE #12 12FJX-12FJX-93LG	DRAIN	D1	D2
15	02995084	1	HOSE #4 4FJX-4MJ 138.5 YW	AUX 2	02995086	TRAC
16	02995085	1	HOSE #4 4FJX-4MJ 138.5 Y	AUX 2	02995087	TRAC
17	02994963	1	TUBE, #12 GRN CD, MAV 2 DIP	DRAIN	D3	D4
18	02994967	1	TUBE, #16 BLUE RTN, MAV 2 DIP	RETURN	R3	R4
19	02994971	1	TUBE, #16 RED SPLY, MAV 2 DIP	PRESSURE	P3	P4
20	02995105	1	HOSE #4 4FJX-4MJ 59 BW	TELESCOPE	RB	02995090
21	02995106	1	HOSE #4 4FJX-4MJ 59 B	TELESCOPE	RR	02995091
22	02995082	1	HOSE #4 4FJX-4MJ 187.5 GW	AUX 1	GB	02995080
23	02995083	1	HOSE #4 4FJX-4MJ 187.5 G	AUX 1	GR	02995081
24	02995086	1	HOSE #4 4FJX-4MJ 187.5 YW	AUX 2	YB	02995084
25	02995087	1	HOSE #4 4FJX-4MJ 187.5 Y	AUX 2	YR	02995085
26	02995096	1	HOSE #6 6FJX45-6MJ 175.5 R	HEAD TILT	TR	02995094
27	02995097	1	HOSE #6 6FJX-6MJ 177.5 RW	HEAD TILT	TB	02995095



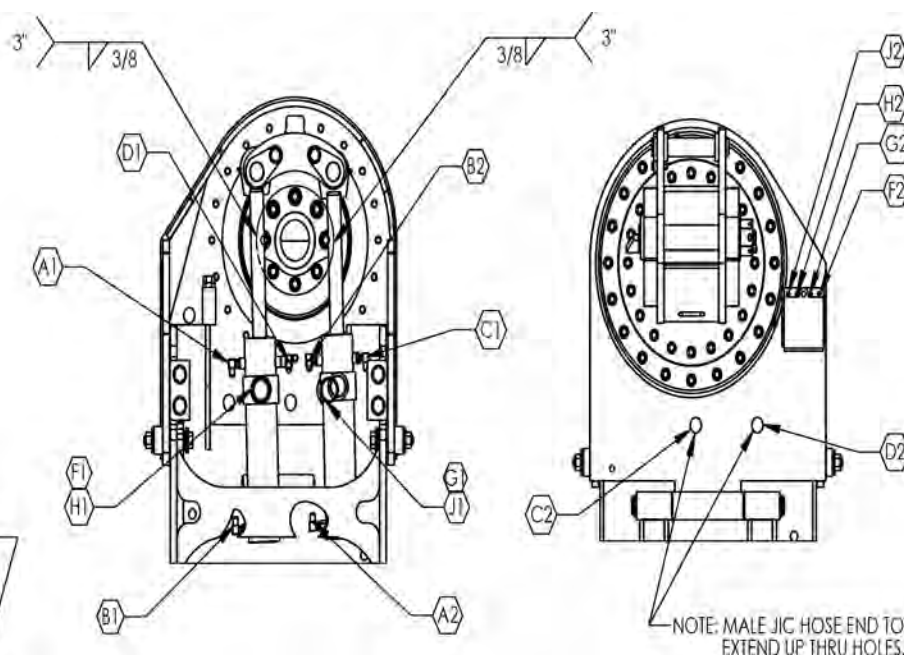
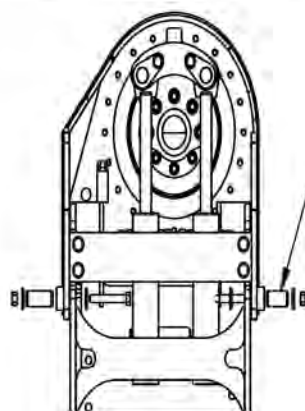
HYD HOSE ROUTING - BOOM - 30 FT BOOM

Continued...

NOTE:HOSE END-1 & END-2, THESE ARE WHERE THE ENDS OF THAT HOSE CONNECT, THE LETTER SHOWS LOCATION OF THAT END AND () SHOW TYPE HOSE FITTING AT THAT END. THE HOSES HAVE PLASTIC TIES ON THE TO SHOW WHICH HOSE IS WHICH. THE COLORS ARE ABBREVIATED TO YEL = YELLOW, YEL/W = YELLOW WITH WHITER STRIPE, GRN = GREEN, GRN/W= GREEN WITH WHITE STRIPE, RED = RED, RED/W = RED WITH WHITE STRIPE, BLU - BLUE, BLU/W = BLUE WITH WHITE STRIPE, ORG = ORANGE, ORG (SECT'N) = LOCATION WHERE HOSE IS LOCATED ON BOOM

HYD HOSE ROUTING - SWING CYL - 24-30 FT BOOM

NOTE:
DURING FINAL ASSEMBLY, INSTALL THE SHORT PIN
IN THE FRONT HOLE OF PEDESTAL AND INSTALL THE
BOLT FROM THE INSIDE. THIS WILL ALLOW
CLEARANCE FOR THE SWING CYLINDERS. FAILURE
TO INSTALL PARTS IN THIS CONFIGURATION
WILL RESULT IN SEVERE DAMAGE TO THE
CYLINDERS. TORQUE BOLTS TO 300 FT LBS.



NOTE: MALE JIC HOSE END TO
EXTEND UP THRU HOLES.

HOSE ROUTING CHART

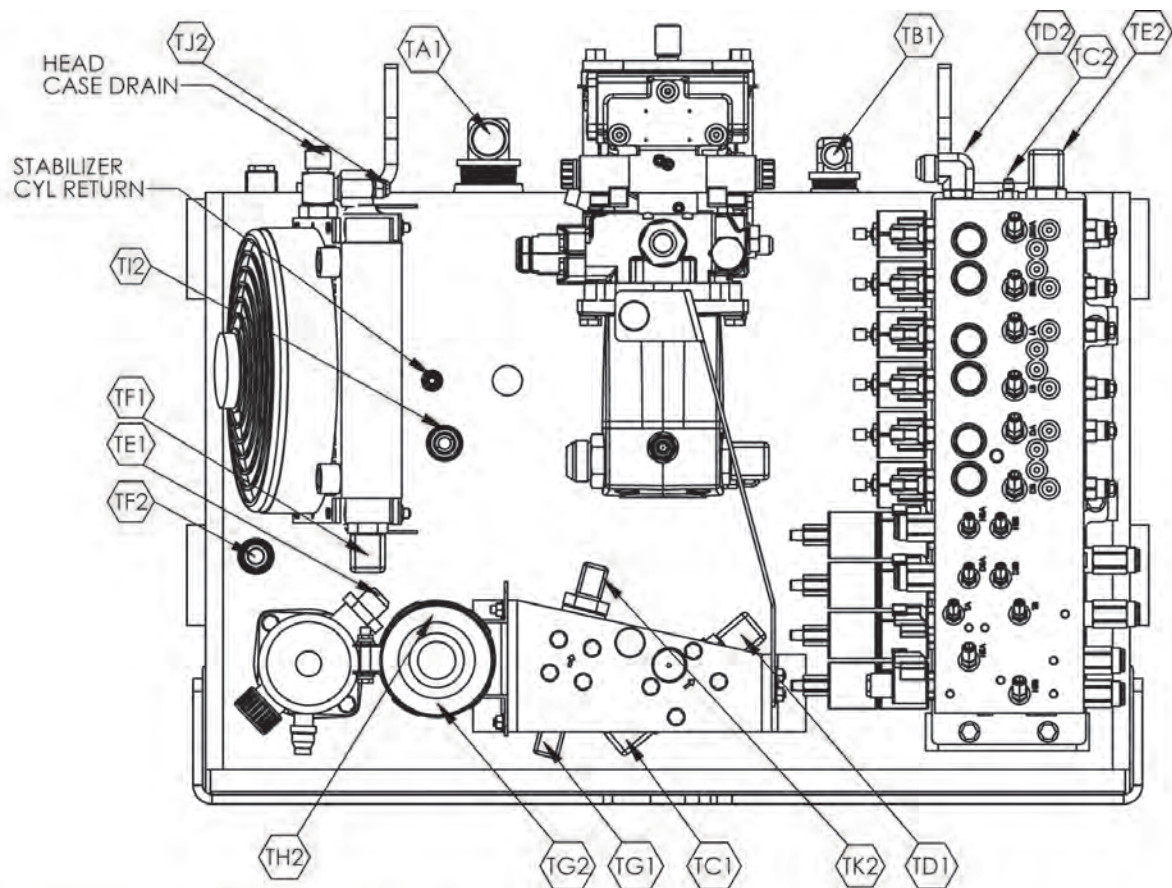
P/N	END1	END2
02981825	A1	A2
02981825	B1	B2
02981826	C1	C2
02981827	D1	D2

GREASE LINE ROUTING CHART

P/N	END1	END2
02983024	F1	F2
02983026	G1	G2
02983025	H1	H2
02983026	J1	J2

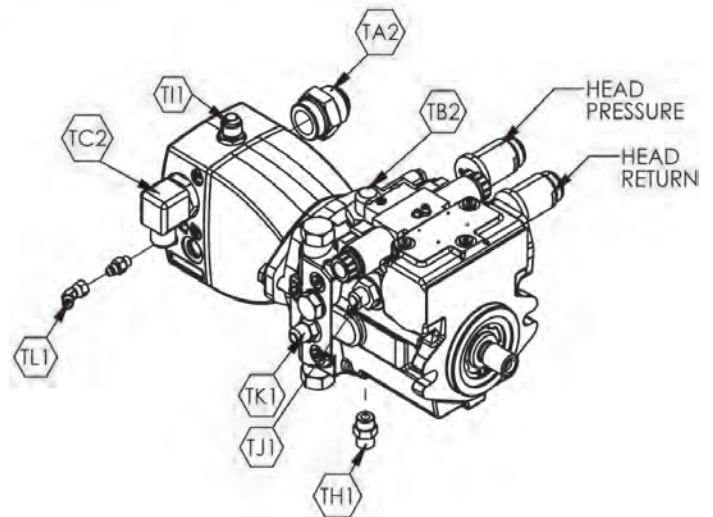
ITEM	PART NO.	QTY.	DESCRIPTION
A1	02981825	1	HOSE #6-6FJX-6FJX-28LG
B1	02981825	1	HOSE #6-6FJX-6FJX-28LG
C1	02981826	1	HOSE #6-6FJX-6MJ-22LG
D1	02981827	1	HOSE #6-6FJX-6MJ-16LG
F1	02983024	1	LINE,GREASE,MANIFOLD,SHORT
G1	02983026	1	LINE,GREASE,MANIFOLD,LONG
H1	02983025	1	LINE,GREASE,MANIFOLD,MED
J1	02983026	1	LINE,GREASE,MANIFOLD,LONG

HYDRAULIC HOSE CONNECTION ROUTING



HYDRAULIC HOSE LOCATIONS

END 1	HOSE P/N	END 2
TA1 (ST)	02994969	TA2 (90)
TB1 (ST)	02994970	TB2 (90)
TC1 (ST)	02994973	TC2 (90)
TD1 (ST)	02994996	TD2 (90)
TE1 (ST)	02994997	TE2 (90)
TF1 (45)	02994998	TF2 (ST)
TG1 (ST)	02994999	TG2 (90)
TH1 (90)	02995001	TH2 (45)
TI1 (90)	02995002	TI2 (ST)
TJ1 (90)	02995003	TJ2 (ST)
TK1 (90)	02995004	TK2 (ST)
TL1 (ST)	02995005	TL2 (90)



ITEM PART NO. QTY. DESCRIPTION

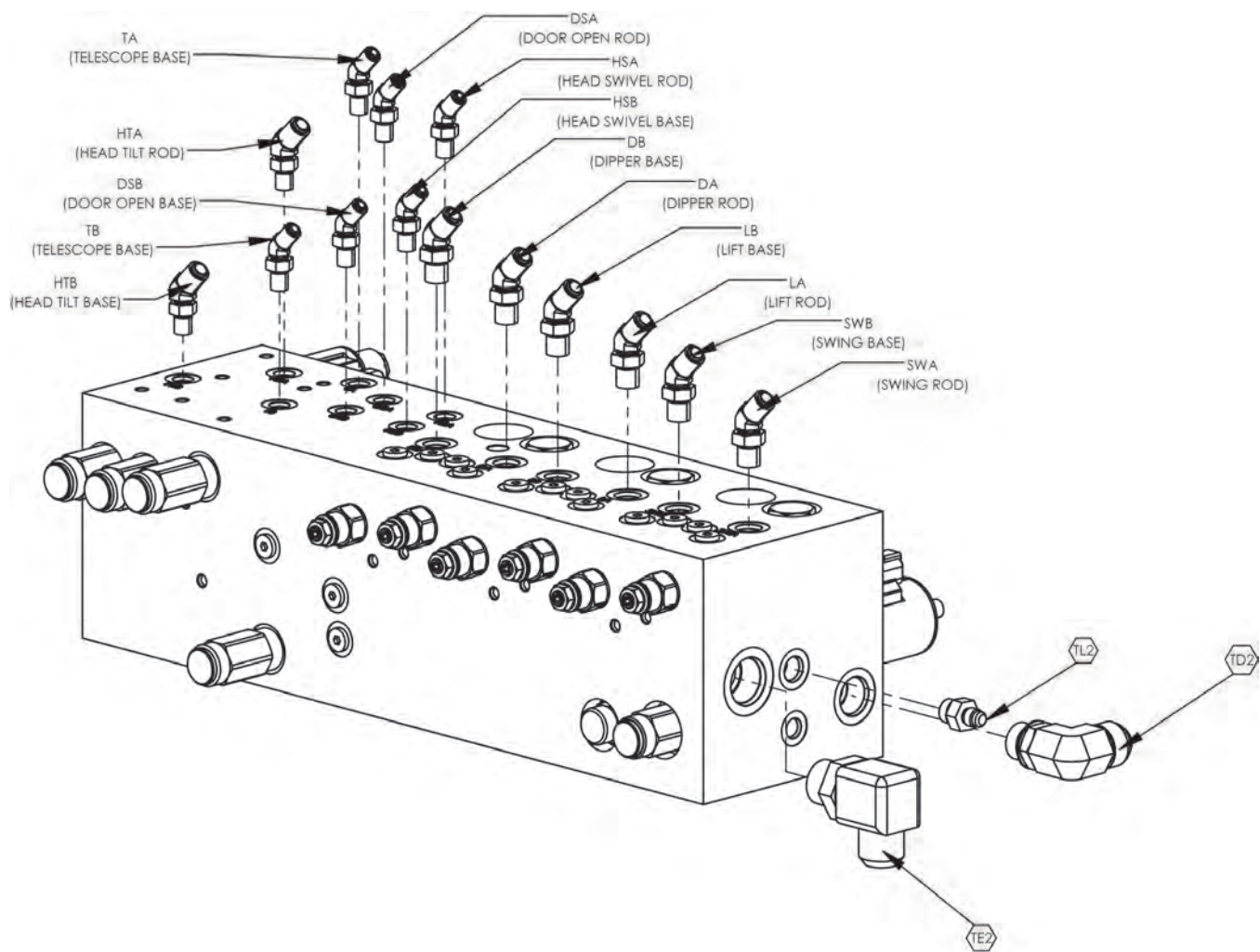
HYDRAULIC HOSE CONNECTION ROUTING

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
A	02981427	1	HOSE, #8-8FJX-8FJX90`-24"LG./RED TIE (CHARGE FILTER TO PUMP)
B	02981428	1	HOSE, #8-8FJX-8FJX90`-21" LG./BLU TIE (CASE DRAIN TO TANK)
C	02981429	1	HOSE, #12-12FJX-12FJX-23"LG.(PUMP TO SUCTION FILTER)
D	02981430	1	HOSE, #12-12FJX-12FJX-31"LG./RED TIE (PRESSURE FILTER TO SUPPLY)
E	02981431	1	HOSE, #4-4FJX-4FJX90`-35"LG./RED TIE (PUMP LOAD SENSE TO VALVE PX)
F	02981432	1	HOSE, #4-4FJX-4FJX90`-20"LG./BLU TIE (PUMP REGULATOR TO TANK)
G	02981433	1	HOSE, #20-20FJX-20FJX-24"LG.(PUMP TO SUCTION FILTER)
H	02981462	1	HOSE, #12-12FJX-12FJX90`-20"LG./ORG TIE (VALVE RETURN TO FILTER)
I	02823600	1	HOSE, #4-4FJX-4FJX-28" LG (AIR BLEED PUMP TO TANK)

NOTE:HOSES ARE NOT SHOWN IN DRAWING ABOVE, THIS IS FOR CLARITY. THE HOSE ROUTING IS FOR THE HOSES WHICH CONNECT FROM ONE POINT TO THE OTHER. USE THE INSTRUCTIONS AND HOSE DESCRIPTION LISTED TO FOLLOW HOSE ROUTING.

HYDRAULIC HOSE CONNECTION ROUTING



HYDRAULIC HOSE LOCATIONS

END 1	HOSE P/N	END 2	END 2 DRAWING
TD2 (90)	02994996	TD1 (ST)	02994920
TE2 (90)	02994997	TE1 (ST)	02994920
TL2 (90)	02995005	TL1 (ST)	02994920

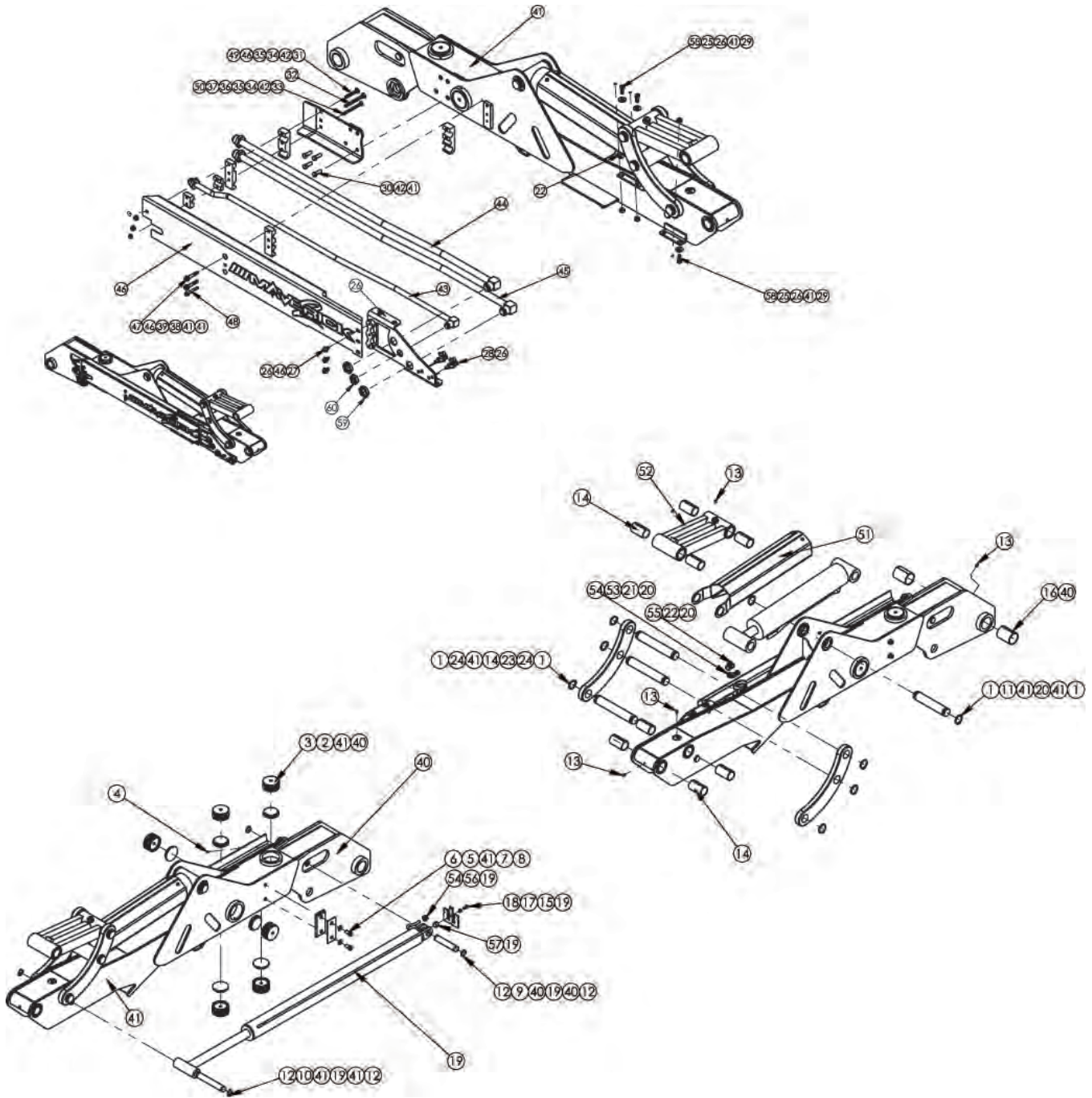
ITEM	PART NO.	QTY.	DESCRIPTION
A-A2	02981427	1	CHARGE FILTER TO PUMP (FJX - FJX90)
B-B2	02981428	1	CASE DRAIN TO TANK (FJX90 - FJX)

HYDRAULIC HOSE CONNECTION ROUTING

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
C-C2	02981429	1	PUMP TO SUCTION FILTER (FJX - FJX)
D-D2	02990177	1	PUMP TO VALVE SUPPLY (FJX - JFX45)
E-E2	02981431	1	PUMP LOAD SENSE TO VALVE JFX90 - FJX)
F-F2	02981432	1	PUMP REGULATOR TO TANK (FJX90 - FJX)
G-G2	02981433	1	PUMP TO SUCTION FILTER (FJX - FJX)
H-H2	02992757	1	VALVE RETURN TO FILTER (FJX - FJX45)
I-I2	02823600	1	AIR BLEED TO TANK (FJX - FJX)
J-J2	02992756	1	VALVE (A) DIPPER SETION TO DIVERTER (P2) (FJX - FJX90)
K-K2	02992756	1	VALVE (B) DIPPER SETION TO DIVERTER (P1) (FJX - FJX90)

ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 1)

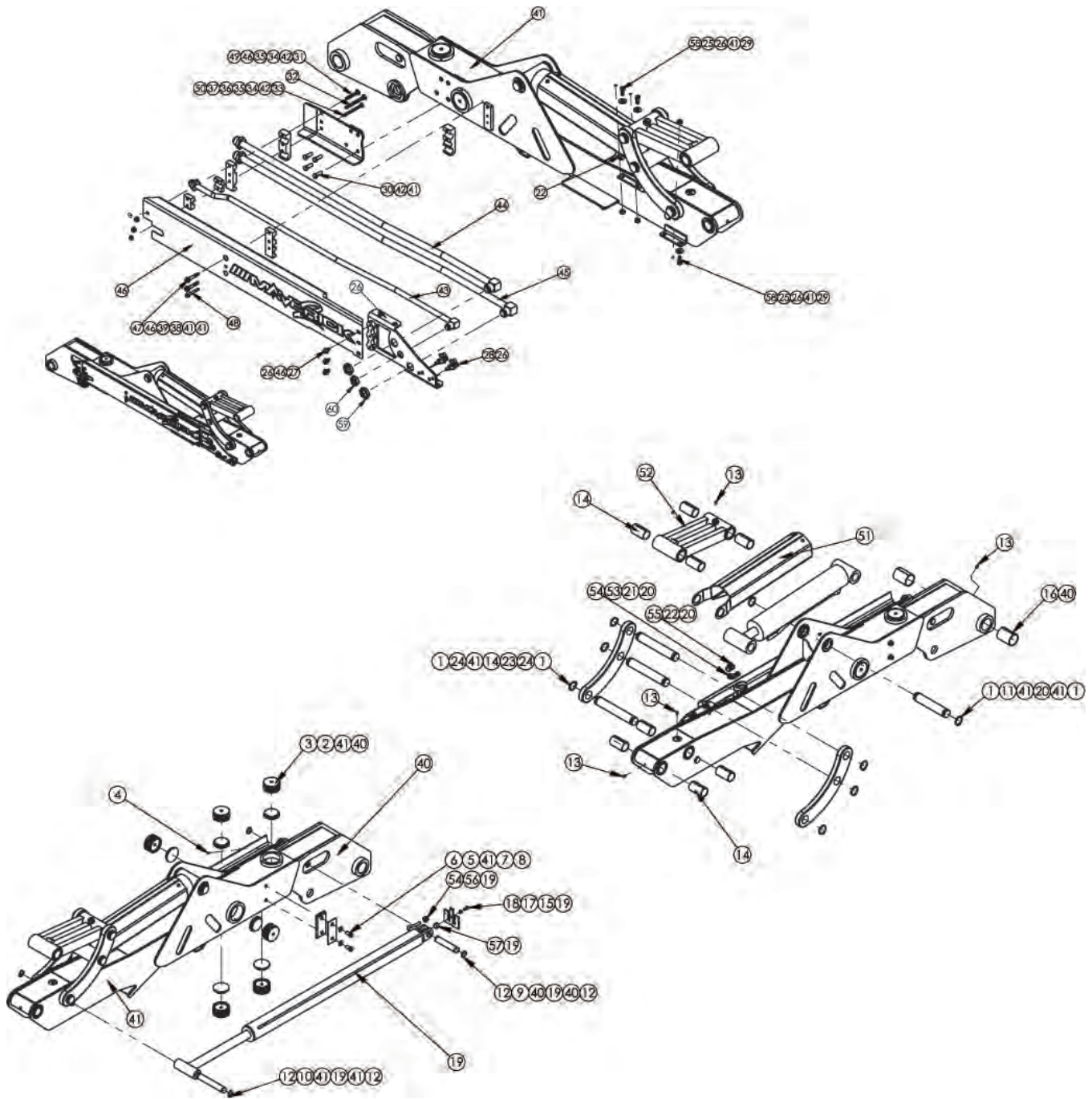


ITEM	PART NO.	QTY.	DESCRIPTION
1	02994201	8	SNAP RING, EXT HD, 1-1/2 PIN
2	02992708	6	WEAR PUCK INSERT, PLASTIC
3	02994945	6	WEAR PUCK HOLDER, METAL, MAV 2
4	02991531	6	SET SCREW-1/4-20 x 3/8 NPT
5	02991847	2	FLAT WSHR 1/2 IDX7/8 OD 14G PL
6	02982454	2	SHCS 1/2 NC 7/8 PL

ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 1)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
7	02994947	1	SHEET, 12G SPACER, MAV 2
8	02992709	1	WEAR PAD, PLASTIC W/ INSERTS
9	02994948	1	PIN, EXT CYL BARREL, MAV2
10	02994949	1	PIN, EXT CYL ROD, MAV2
11	02994950	1	PIN, TILT CYL, MAV 2
12	02994968	4	RETAINING RING HD, 1"
13	00752670	7	FITTING,GREASE-STR 1/4-28 UNF
14	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
15	02994946	1	PLATE, TUBE GUIDE, MAV 2
16	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
17	00011700	1	HIGH ALLOY, L/W 5/16 YZ KG
18	00035900	1	HHCS,5/16-18 X 3/4 PL5
19	02994363	1	CYLINDER, 2.5B X 1.5R X 36.0S
20	02984944	1	CYLINDER, 3.5B X 1.75R X16S
21	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
22	63149100	1	ADP HYD ELBOW 6MB-6MJ90
23	02994104	3	PIN, DBL SNAP RING, TILT LINK
24	02994231	2	PLATE, LINKAGE
25	00019700	3	FLATWASHER STD 7/16 PL
26	02994957	1	WLDMT, BULKHEAD END, MAV 2
27	02994995	3	FLCS 3/8-16 UNC X 5/8" PL5
28	02994976	4	HYD FTG, 4MJ - 4MJ, BLKHD 90
29	02957941	3	NUT 7/16 NC GR8 TOPLOCK
30	02976344	4	HHCS 7/16 NC 1-1/4 PL8
31	02994972	1	CARB 3/8-16 UNC X 2.5" PL5
32	02994974	1	CARB 3/8-16 UNC X 4" PL5
33	02994991	1	CARB 5/16-18 UNC X 4" PL5
34	02994980	1	DELRIN, HYD CLAMP B1, MAV 2
35	02994979	1	DELRIN, HYD CLAMP B2, MAV 2
36	02994982	1	DELRIN, HYD CLAMP C1, MAV 2
37	02994981	1	DELRIN, HYD CLAMP C2, MAV 2
38	02994977	1	DELRIN, HYD CLAMP A1, MAV 2
39	02994978	1	DELRIN, HYD CLAMP A2, MAV 2
40	02995317	1	WLDMT, FIX DIP SECT, MAV 2 24

ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 2)

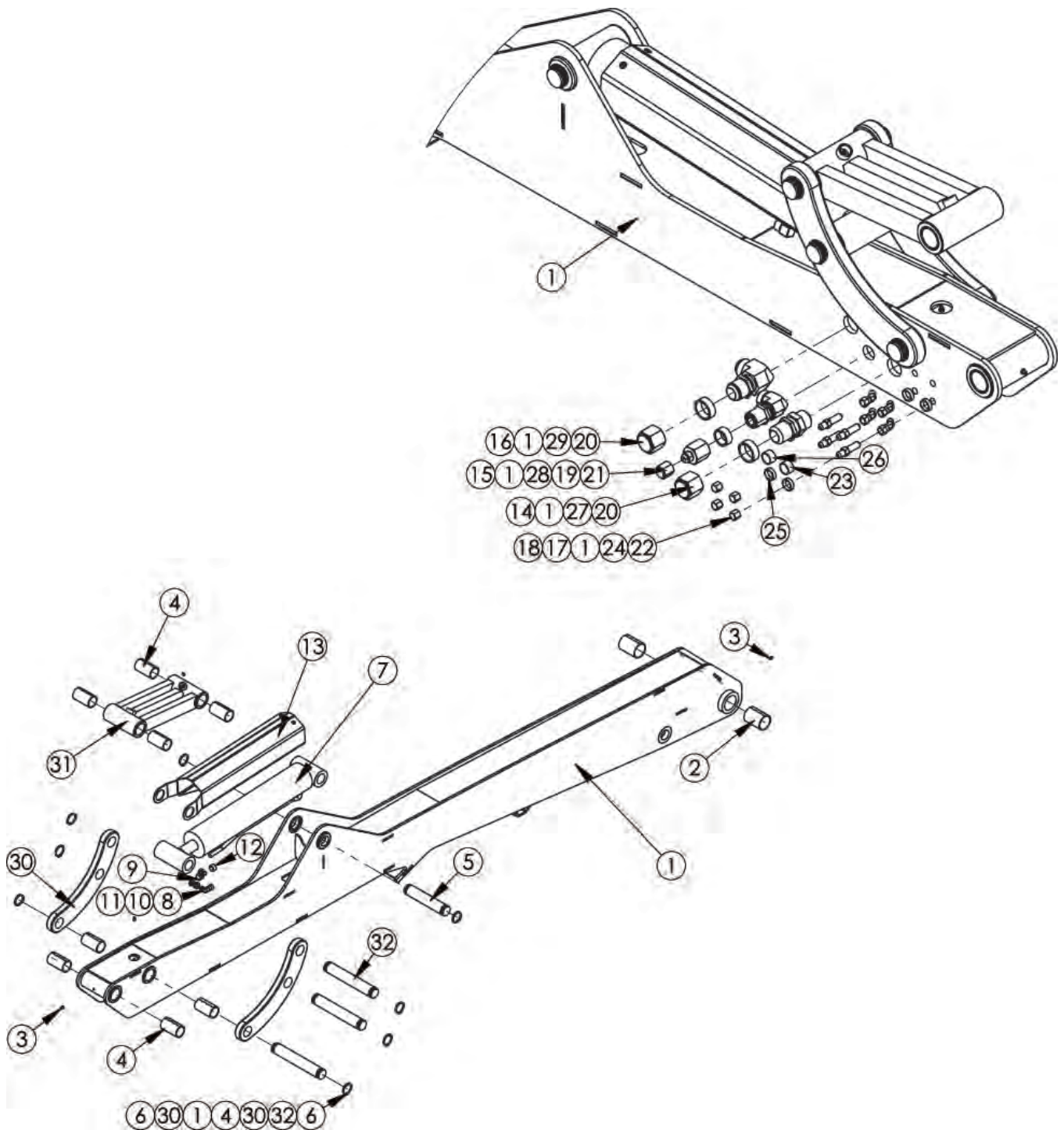


ITEM	PART NO.	QTY.	DESCRIPTION
41	02995323	1	WLDMT, EXT DIP SECT, MAV 2 24
42	02995338	1	WLDMT, HYD MOUNT, MAV 2 24
43	02995336	1	TUBE, # 12 GRN CD, MAV 2 24
44	02995334	1	TUBE, # 16 BLUE RTN, MAV 2 24
45	02995332	1	TUBE, # 16 RED SPLY, MAV 2 24
46	02995342	1	PLATE, HOSE GUARD, MAV 2 24

ASY, DIPPER, MAV 2 24FT PN 02995316 (PART 2)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
47	02995344	2	FHCS 3/8" - 16 X 2-1/4"
48	02995343	1	FHCS 5/16" - 18 X 2-1/4"
49	4528	2	NUT FLG SER 3/8-16 PLB
50	02994994	1	NUT SER FLG, 5/16" - 18 PL2
51	02985273	1	ASSEMBLY, TILT CYLINDER COVER
52	02986074	1	WELDMENT, LINKAGE
53	02968829	1	VINYL TAPE RED 1/4" WIDE
54	02991555	2	VINYL TAPE WHITE 1/4" WIDE
55	02968828	1	VINYL TAPE RED 1/2" WIDE
56	02968831	1	VINYL TAPE BLUE 1/4" WIDE
57	02968830	1	VINYL TAPE BLUE 1/2" WIDE
58	02995657	3	HHCS 7/16-14 X 1 PL8
59	02969935	2	HYD NUT #16 JIC BULKHEAD
60	02995748	1	HYD NUT #12 JIC BULKHEAD

ASY, DIPPER, MAV 2 28FT PN 02996402

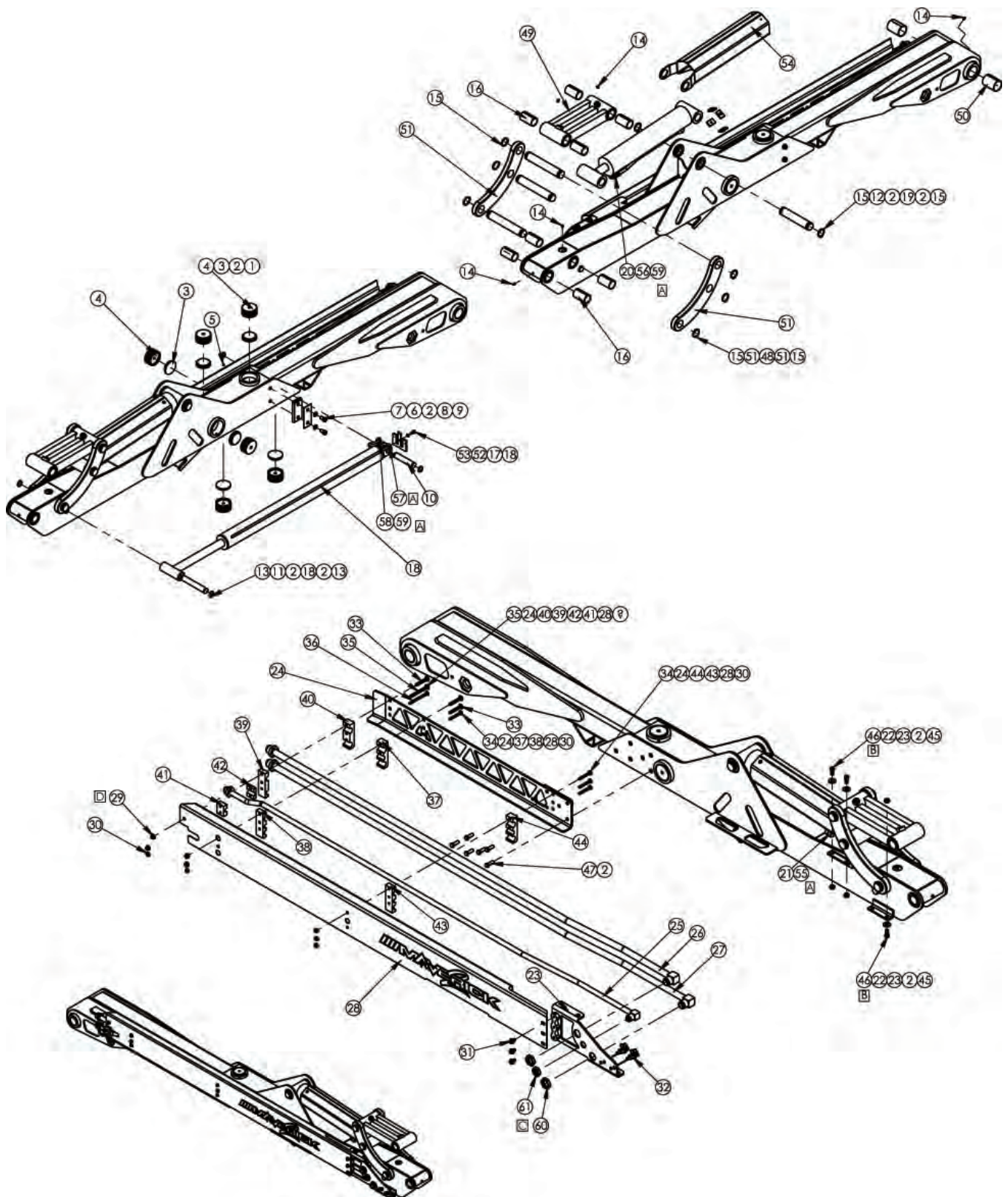


ITEM	PART NO.	QTY.	DESCRIPTION
1	02996403	1	WLDMT, DIPPER SECT, MAV 2 28
2	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
3	00752670	5	FITTING,GREASE-STR 1/4-28 UNF
4	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3

ASY, DIPPER, MAV 2 28FT PN 02996402**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
5	02994950	1	PIN, TILT CYL, MAV 2
6	02994201	8	SNAP RING, EXT HD, 1-1/2 PIN
7	02984944	1	CYLINDER, 3.5B X 1.75R X16S
8	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
9	63149100	1	ADP HYD ELBOW 6MB-6MJ90
10	02968829	1	VINYL TAPE RED 1/4" WIDE
11	02991555	3	VINYL TAPE WHITE 1/4" WIDE
12	02968828	1	VINYL TAPE RED 1/2" WIDE
13	02985273	1	ASSEMBLY, TILT CYLINDER COVER
14	00751846	1	ADP HYD STGHT 16MJ-16MJ BLKHD
15	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
16	02742500	1	ADP HYD ELBOW 16MJ-16MJ90 BKHD
17	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
18	02976532	4	ADP HYD ELBOW 4MJ - 4FJX 45DEG
19	02970609	1	ADP HYD STGHT 12FJ - 8MJ
20	02956918	2	CAP,HYD #16FJIC
21	02972910	1	ADP HYD CAP 8FJ
22	02919600	4	CAP-NUT #4FJ
23	02968832	1	VINYL TAPE GREEN 1/2" WIDE
24	02968833	1	VINYL TAPE GREEN 1/4" WIDE
25	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
26	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
27	02968894	1	VINYL TAPE RED 1/2" WIDE
28	02991249	1	VINYL TAPE GREEN 1/2" WIDE
29	02968896	1	VINYL TAPE BLUE 1/2" WIDE
30	02994231	2	PLATE, LINKAGE
31	02986074	1	WELDMENT, LINKAGE
32	02994104	3	PIN, DBL SNAP RING, TILT LINK

ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 1)

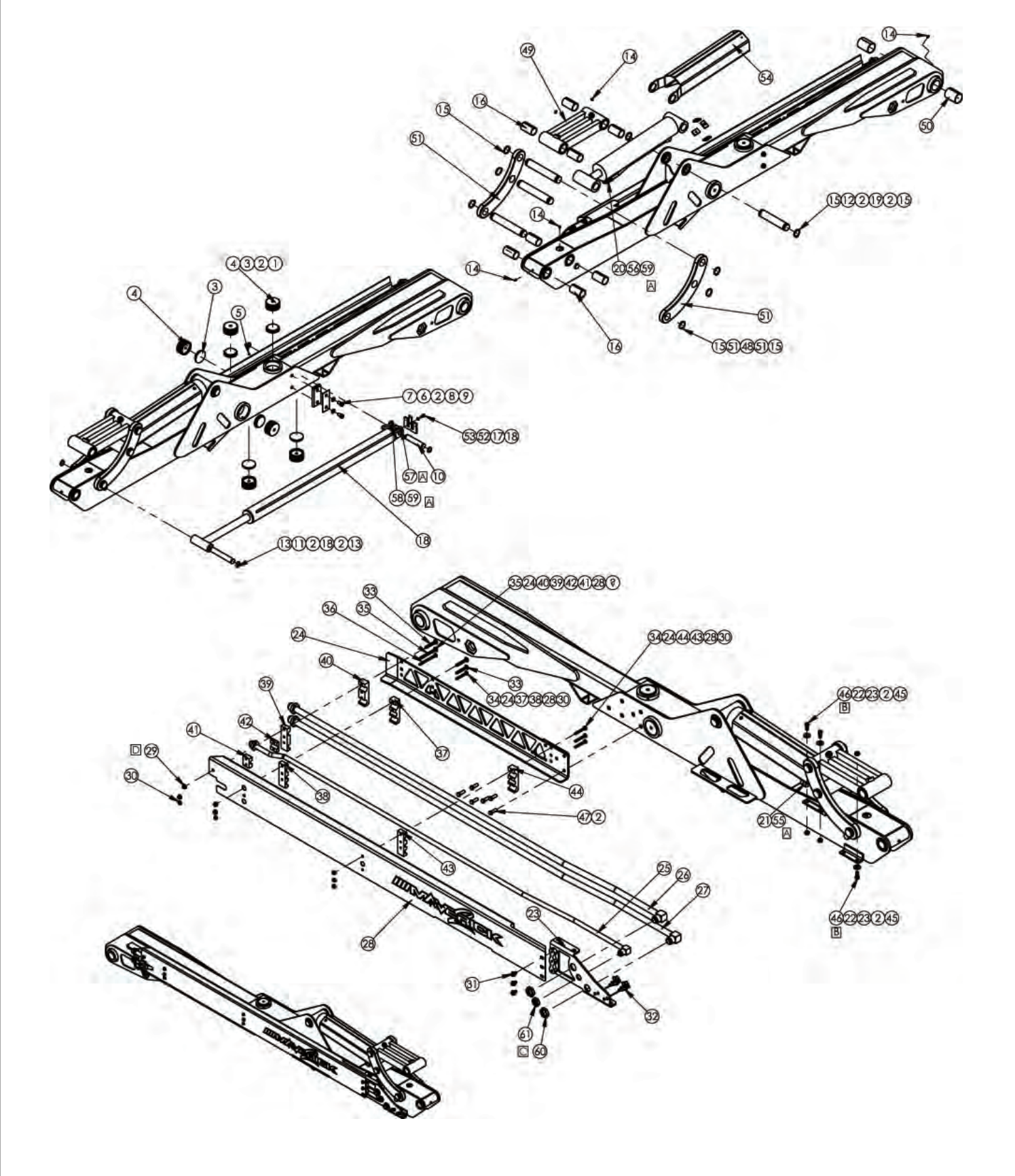


ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994923	1	WLDMT, FIXED DIPPER SECT, MAV
2	02994930	1	WLDMT, EXTEND DIPPER SECT, MAV
3	02992708	6	WEAR PUCK INSERT, PLASTIC
4	02994945	6	WEAR PUCK HOLDER, METAL, MAV 2
5	02991531	6	SET SCREW-1/4-20 x 3/8 NPT
6	02991847	2	FLAT WSHR 1/2 IDX7/8 OD 14G PL
7	02982454	2	SHCS 1/2 NC 7/8 PL
8	02994947	1	SHEET, 12G SPACER, MAV 2
9	02992709	1	WEAR PAD, PLASTIC W/ INSERTS
10	02994948	1	PIN, EXT CYL BARREL, MAV2
11	02994949	1	PIN, EXT CYL ROD, MAV2
12	02994950	1	PIN, TILT CYL, MAV 2
13	02994968	4	RETAINING RING HD, 1"
14	00752670	5	FITTING, GREASE-STR 1/4-28 UNF
15	02994201	8	SNAP RING, EXT HD, 1-1/2 PIN
16	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
17	02994946	1	PLATE, TUBE GUIDE, MAV 2
18	02994363	1	CYLINDER, 2.5B X 1.5R X 36.0S
19	02984944	1	CYLINDER, 3.5B X 1.75R X16S
20	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
21	63149100	1	ADP HYD ELBOW 6MB-6MJ90
22	00019700	3	FLATWASHER STD 7/16 PL
23	02994957	1	WLDMT, BULKHEAD END, MAV 2
24	02994960	1	WLDMT, HYD MOUNT, MAV 2
25	02994963	1	TUBE, #12 GRN CD, MAV 2 DIP
26	02994967	1	TUBE, #16 BLUE RTN, MAV 2 DIP
27	02994971	1	TUBE, #16 RED SPLY, MAV 2 DIP
28	02994975	1	PLATE, HOSE GUARD, MAV 2
29	4528	4	NUT FLG SER 3/8-16 PLB
30	02994994	5	NUT SER FLG, 5/16" - 18 PL2

ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 2)



02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

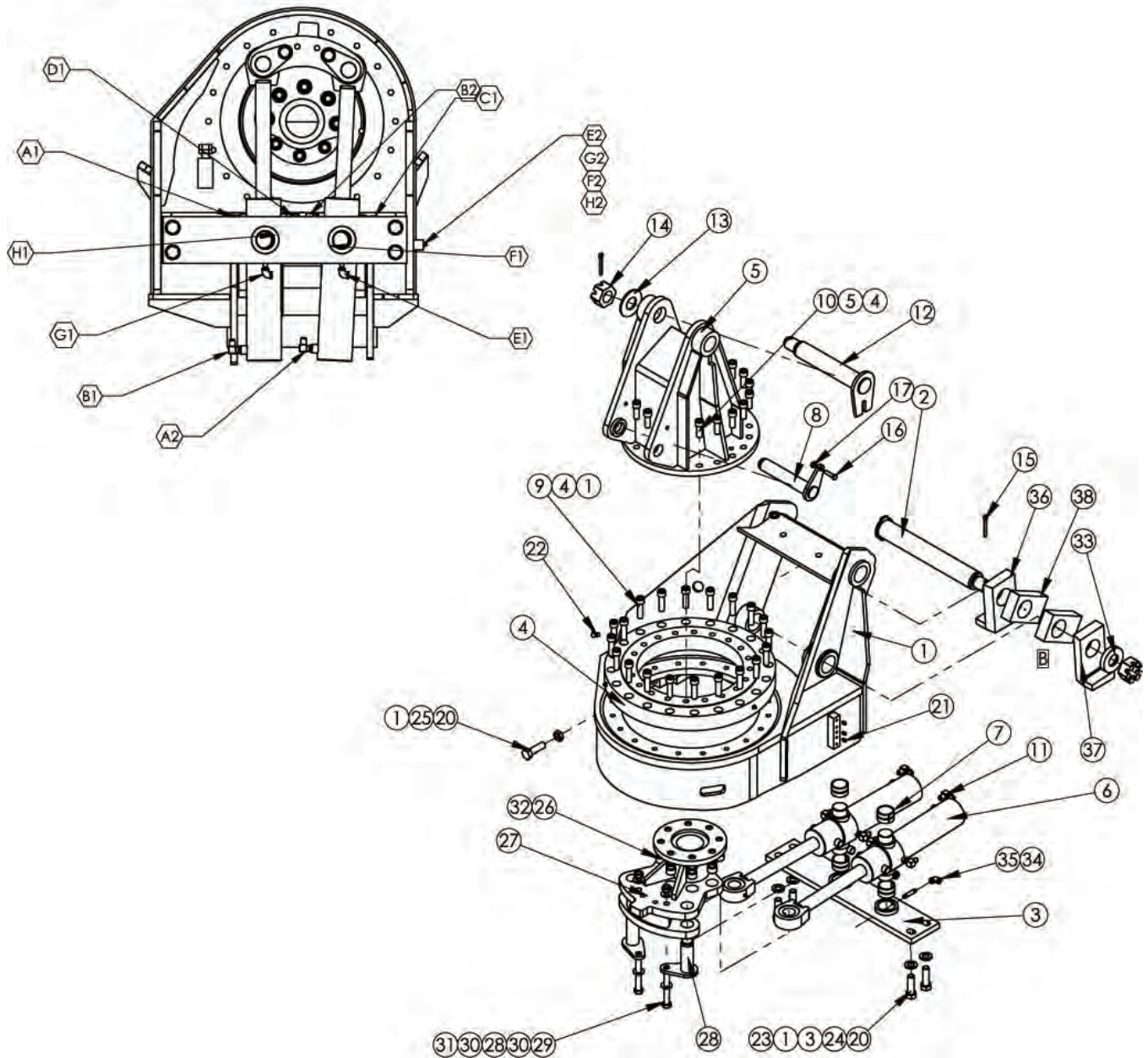
ASY, DIPPER, MAV 2 30FT PN 02995000 (PART 2)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
31	02994995	3	FLCS 3/8-16 UNC X 5/8" PL5
32	02994976	4	HYD FTG, 4MJ - 4MJ, BLKHD 90
33	02994972	3	CARB 3/8-16 UNC X 2.5" PL5
34	02676400	4	CARB 5/16NC 2-1/2 PL5
35	02994974	1	CARB 3/8-16 UNC X 4" PL5
36	02994991	1	CARB 5/16-18 UNC X 4" PL5
37	02994977	1	DELRIN, HYD CLAMP A1, MAV 2
38	02994978	1	DELRIN, HYD CLAMP A2, MAV 2
39	02994979	1	DELRIN, HYD CLAMP B2, MAV 2
40	02994980	1	DELRIN, HYD CLAMP B1, MAV 2
41	02994981	1	DELRIN, HYD CLAMP C2, MAV 2
42	02994982	1	DELRIN, HYD CLAMP C1, MAV 2
43	02994983	1	DELRIN, HYD CLAMP D2, MAV 2
44	02994984	1	DELRIN, HYD CLAMP D1, MAV 2
45	02957941	3	NUT 7/16 NC GR8 TOPLOCK
46	02995657	3	HHCS 7/16-14 X 1 PL8
47	02976344	6	HHCS 7/16 NC 1-1/4 PL8
48	02994104	3	PIN, DBL SNAP RING, TILT LINK
49	02986074	1	WELDMENT, LINKAGE
50	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
51	02994231	2	PLATE, LINKAGE
52	00011700	1	HIGH ALLOY, L/W 5/16 YZ KG
53	00035900	1	HHCS,5/16-18 X 3/4 PL5
54	02985273	1	ASSEMBLY, TILT CYLINDER COVER
55	02968828	1	VINYL TAPE RED 1/2" WIDE
56	02968829	1	VINYL TAPE RED 1/4" WIDE
57	02968830	1	VINYL TAPE BLUE 1/2" WIDE
58	02968831	1	VINYL TAPE BLUE 1/4" WIDE
59	02991555	2	VINYL TAPE WHITE 1/4" WIDE
60	02969935	2	HYD NUT #16 JIC BULKHEAD
61	02995748	1	HYD NUT #12 JIC BULKHEAD

ASY, TURRET P/N 32121548

HOSE ROUTING TABLE	
HOSE LETTER	HOSE PART NUMBER
A	02981825
B	02981825
C	32121632
D	32121633
E	02983024
F	02983026
G	02983025
H	02983025

*HOSES INCLUDED IN TOP-LEVEL KIT



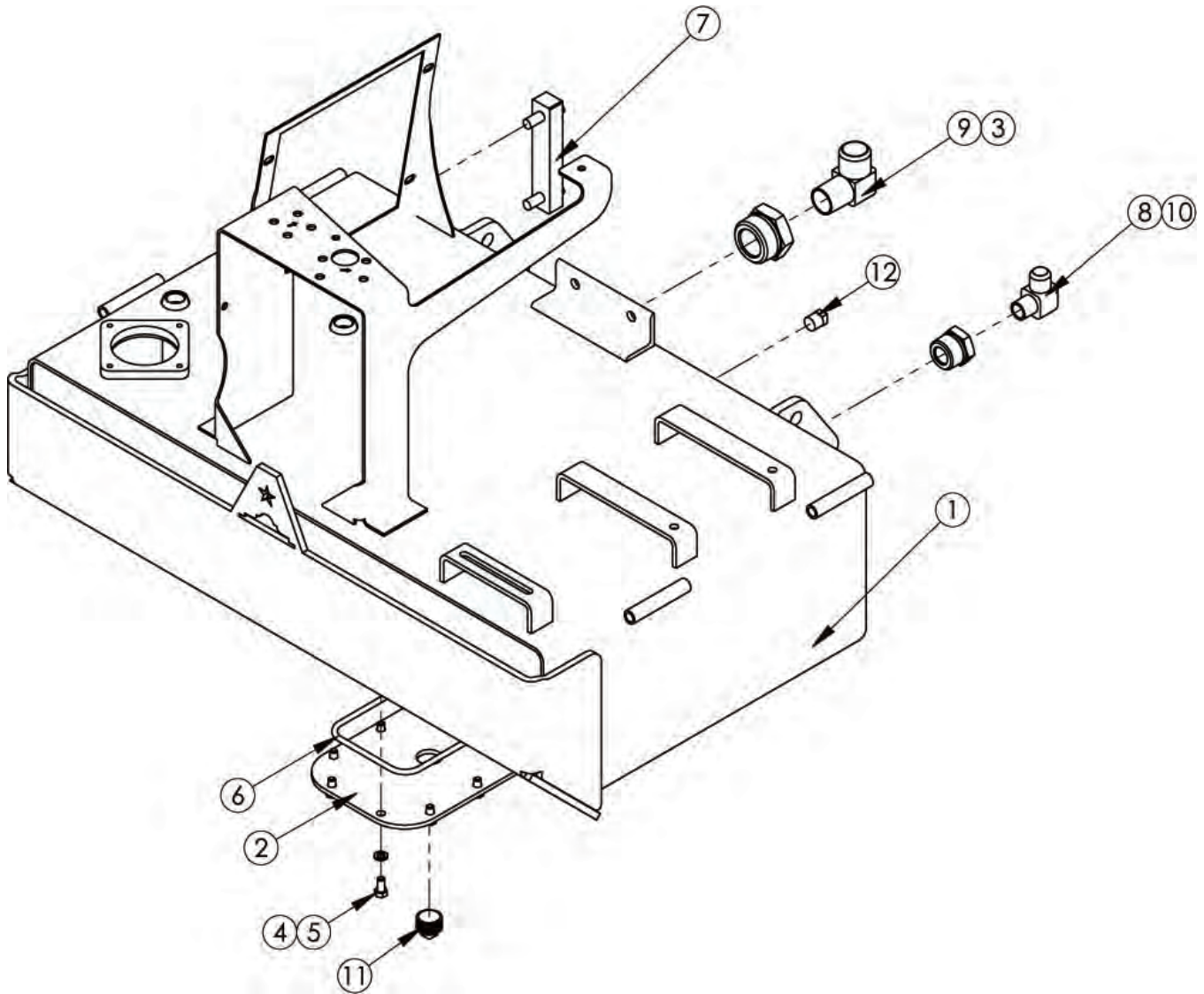
ASY, TURRET P/N 32121548

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	32121543	1	MACH WLDMT, UNDERMOUNT
2	32121547	1	WLDMT, PIN, LOWER
3	32121514	1	WLDMT, TRUNNION CYL CAP
4	02981317	1	SLEW BEARING, 20 OD X 12.75ID
5	02981141	1	MACHINED, TURRET, UNDER MOUNT
6	02981275A	2	CYLINDER 3.0B X 1.5R X 12.0S
7	02981419	4	BUSHING, CONNEX, 2X1-3/4X1-1/4
8	02981295	1	WELD, PIN, TURRET CYLINDER
9	02981785	20	SHCS 5/8 NC 2 1/4 PL8
10	02981786	18	SHCS 5/8 NC 1 3/4 PL8
11	63149100	6	ADP HYD ELBOW 6MB-6MJ90
12	02981293	1	WELD, PIN, TURRET LIFT, MVB
13	15B2400	1	FLATWASHER,SAE 1-1/2 NAR-PLT
14	02981702	2	SLOTTED NUT, 1-1/2 NF
15	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
16	00023100	1	HHCS 3/8 -16UNC 1-1/2 PL5
17	00015800	1	LOCKNUT TLM 3/8-NC PLC
18	02968832	1	VINYL TAPE GREEN 1/2" WIDE
19	02968833	1	VINYL TAPE GREEN 1/4" WIDE
20	02963646	5	HHCS 3/4 NC 2-1/2 PL8
21	00752670	4	FITTING,GREASE-STR 1/4-28 UNF
22	00752176	1	GREASE FTG,1/8MP 90DEG
23	00037200	4	NUT,HEX TOPLOCK 3/4 NC GR.C PL
24	5312316	8	WASHER, HARDENED 3/4"
25	02023900	1	NUT,HEX JAM 3/4-10 UNC PLATED
26	02708700	8	SHCS 3/4 NC 2 PL8
27	02987653	1	MACH, TURRET CYLINDER HUB
28	02987649	2	WELD, TURRET PIN, TEAR DROP
29	02957007	2	HHCS 5/8 NC 5 PL8
30	00756077	4	WASHER, 5/8 HARDENED - PLATED
31	00695100	2	NUT,TOPLOCK 5/8 NC PLC
32	02988671	8	WASHER 3/4 NORD-LOCK SET
33	02999192	1	TUBE, PIN SPACER, 2.25 PIN"
34	32121544	2	PIPE NIPPLE 1/8 NPT X 2
35	32121545	2	PIPE ELBOW 1/8 NPT F-F
36	32121655	1	MACH, HOOK, REAR
37	32121656	1	MACH, HOOK FRONT
38	32121654	2	MOUNT, PIN, TURRET

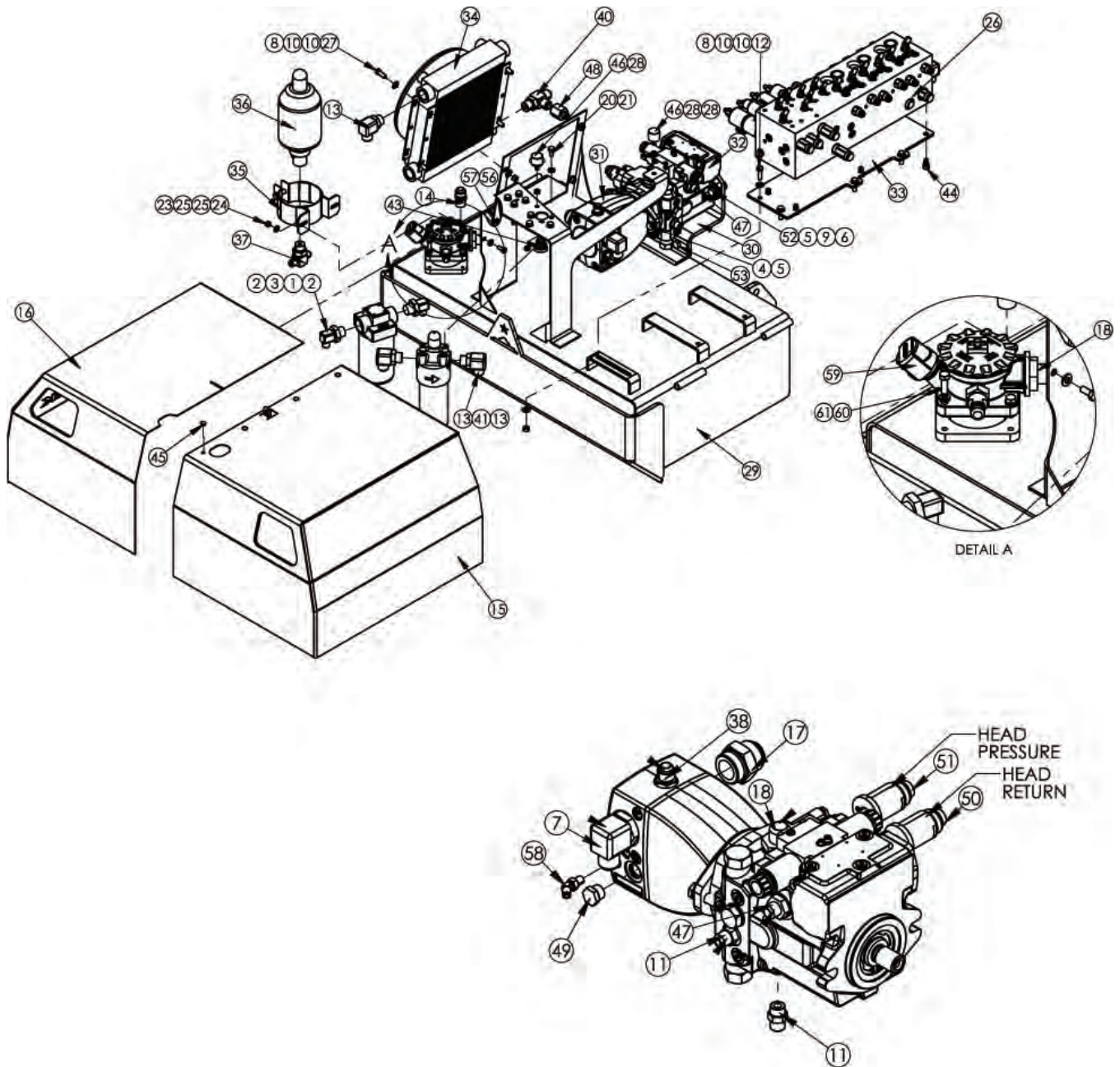
SECTION 60 HYDRAULICS

HYD TANK ASY - PN 02994891



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994892	1	TANK, WLDMT, HYD, DUAL PUMP
2	02981413	1	WELDMENT, COVER, CLEANOUT
3	02997038	1	ADP HYD STGHT 32MP-20FP
4	00012101	10	LOCKWASHER, 3/8, HVY, PL
5	00002000	10	HHCS 3/8 NC X 3/4 PL5
6	02981400	1	O-RING 8-1/2 X 9 X 1/4
7	02968880	1	GAUGE,SIGHT/TEMPERATURE
8	02041800	1	ADP HYD ELBOW 12MP-12MJ90
9	02958920	1	ADP HYD ELBOW 20MP -20MJIC 90
10	02961370	1	ADP HYD STGHT 20MP - 12FP
11	02963659	1	PLUG,1 MAGNETIC
12	00749508	1	PLUG 1/2-14 NPT

HYDRAULIC ASY KIT (PART 1) - PN 02994920



ITEM	PART NO.	QTY.	DESCRIPTION
1	02968922	1	PRESSURE FILTER HEAD
2	02161400	2	ADP HYD ELBOW 12MB-8MJ90
3	02968923	1	FILTER, ASY, PRES ELEMENT
4	02892000	2	HHCS, 1/2"-13 NC x 1-1/2" PL8
5	00001300	4	WASHER, LOCK 1/2 GR8 - YDP
6	00001800	4	LOCKNUT TLM 1/2 NC PLC
7	02822700	1	ADP HYD ELBOW 16MB-12MJ90
8	00015800	8	LOCKNUT TLM 3/8-NC PLC

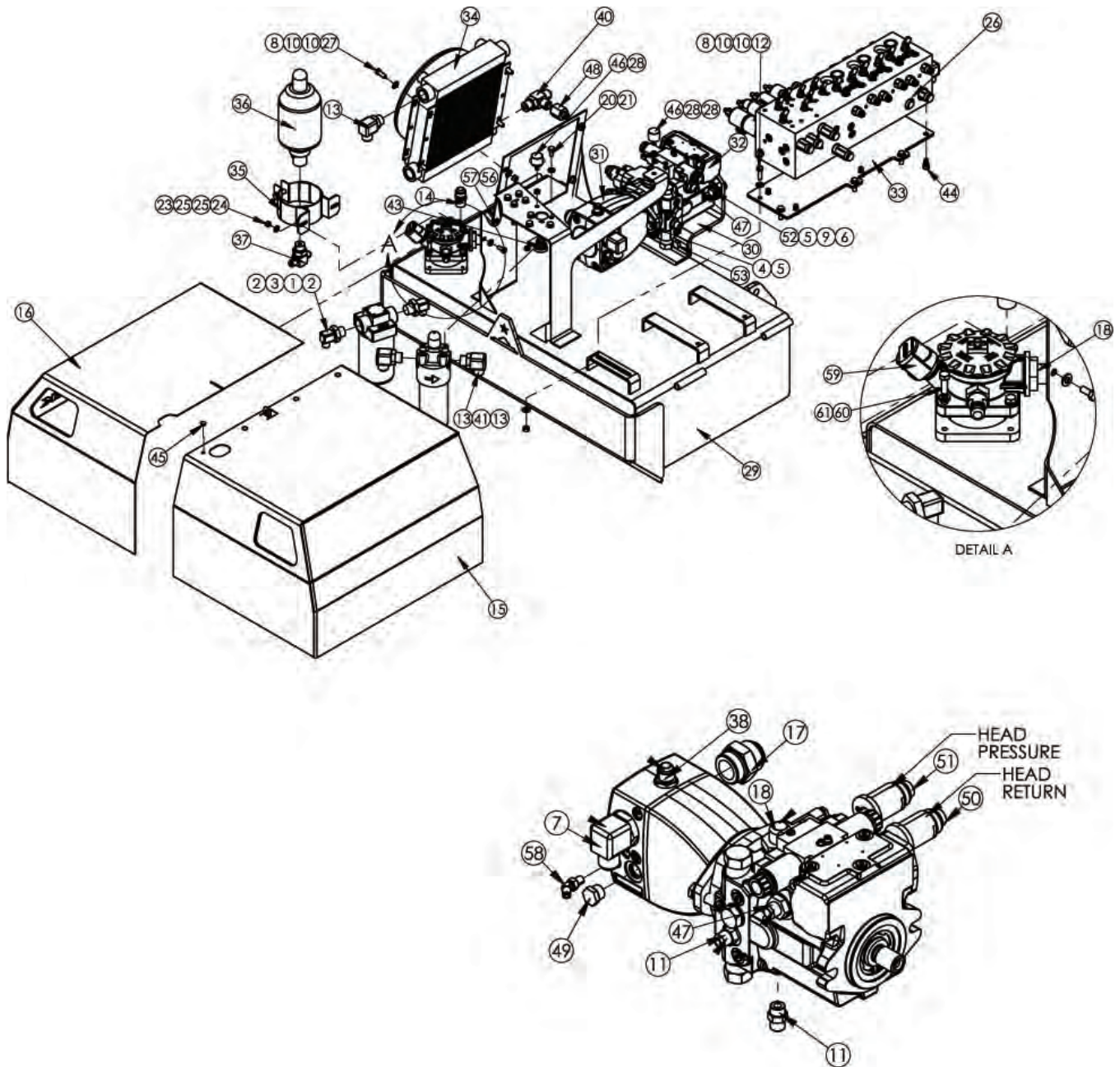
02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

HYDRAULIC ASY KIT (PART 1) - PN 02994920

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
9	00759635	2	WASHER, FLAT 1/2 HARDND NONPLT
10	00011100	16	FLATWASHER STD 3/8 - PLATED
11	00696800	2	ADP HYD STGHT 8MB - 8MJ
12	00753642	4	HEXB 3/8 NC X 1-1/4 PL5
13	02090800	3	ADP HYD ELBOW 12MB-12MJ90
14	02964518	1	ADP, HYD ST 12MP - 12MJ
15	02994913	1	WLDMT, LEFT HOOD, MAV2
16	02994917	1	WLDMT, HOOD RIGHT, MAV2
17	02960807	1	ADP HYD STGHT 20MB -20MJ
18	02958316	2	ADP HYD STGHT 16MB-12MJ
19	02823200	1	ADP HYD STGHT 4MJ - 4MP
20	00002000	8	HHCS 3/8 NC X 3/4 PL5
21	00012101	8	LOCKWASHER, 3/8, HVY, PL
22	000695	1	PLUG,PIPE,SCKT HD,1/4-18
23	00035900	2	HHCS,5/16-18 X 3/4 PL5
24	00750940	2	LOCKNUT TLM 5/16 NC PLB
25	00023500	4	FLATWASHER 5/16 PL
26	02994966	1	ASY, 7 SECT VLV W/ FTGS
27	00011400	4	HEXB 3/8-16 X 1 PL5
28	02964723	4	NUT,HEX METRIC M8 X 1.25
29	02994891	1	ASY, TANK, HYDRAULIC
30	02994905	1	BRACKET, SHIPPING
31	02994362	1	PUMP PISTON 35CC CCLS
32	02994361	1	PUMP PISTON 45CC HYSTAT
33	02994906	1	PLATE, VALVE MT, HF
34	02994848	1	ASY, COOLER WITH TEMP SWITCHES
35	02994849	1	CLAMP, ACCUMULATOR, 1QT
36	02994845	1	ACCUMULATOR, 1QT, 120PSI
37	02994907	1	HYD ADP, 12MB-10MJ-10MJ, BR TE
38	02994908	1	HYD ADP, 08MB-10MJ
39	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
40	02994911	1	HYD ADP, 12MB-12MJ-12MJ, RN TE

HYDRAULIC ASY KIT (PART 2) - PN 02994920



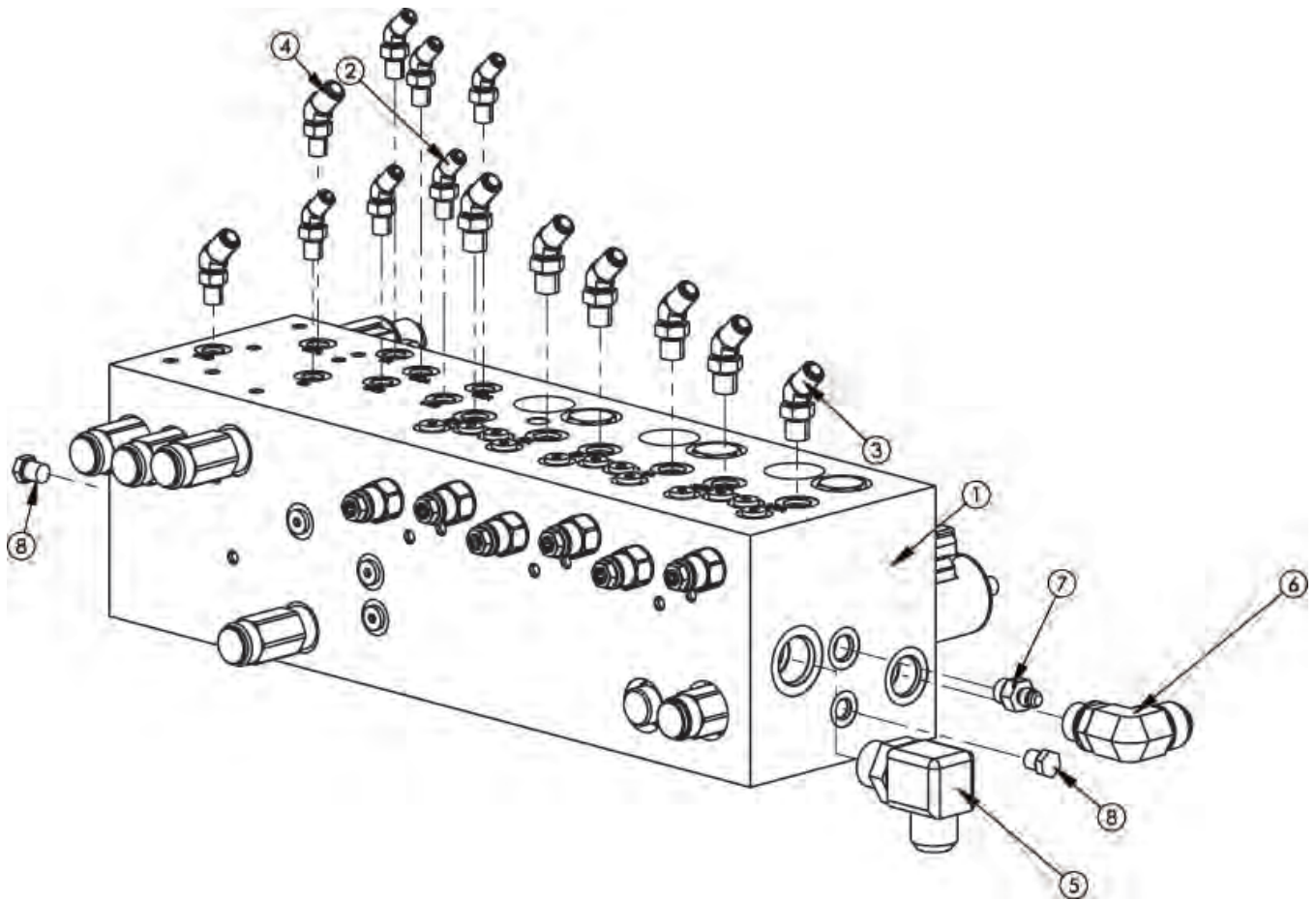
ITEM	PART NO.	QTY.	DESCRIPTION
41	02994847	1	FILTER, PRESSURE, MAVERICK
42	02994987	2	HYD ADP 12FL-16MJ CODE 62
43	02994988	1	HYD ADP 10MJ-12MP STR
44	02994989	6	HHCS 7/16-14 X 3/4" PL5
45	02994964	4	RUBBER BUMP, PUSH IN, 1/4 HOLE
46	02994965	2	RUBBER ADJ STOP M8 X 1.25 STUD
47	02042300	1	ADP HYD STGHT 10MB-8MJ
48	02970609	1	ADP HYD STGHT 12FJ - 8MJ

HYDRAULIC ASY KIT (PART 2) - PN 02994920

Continued...

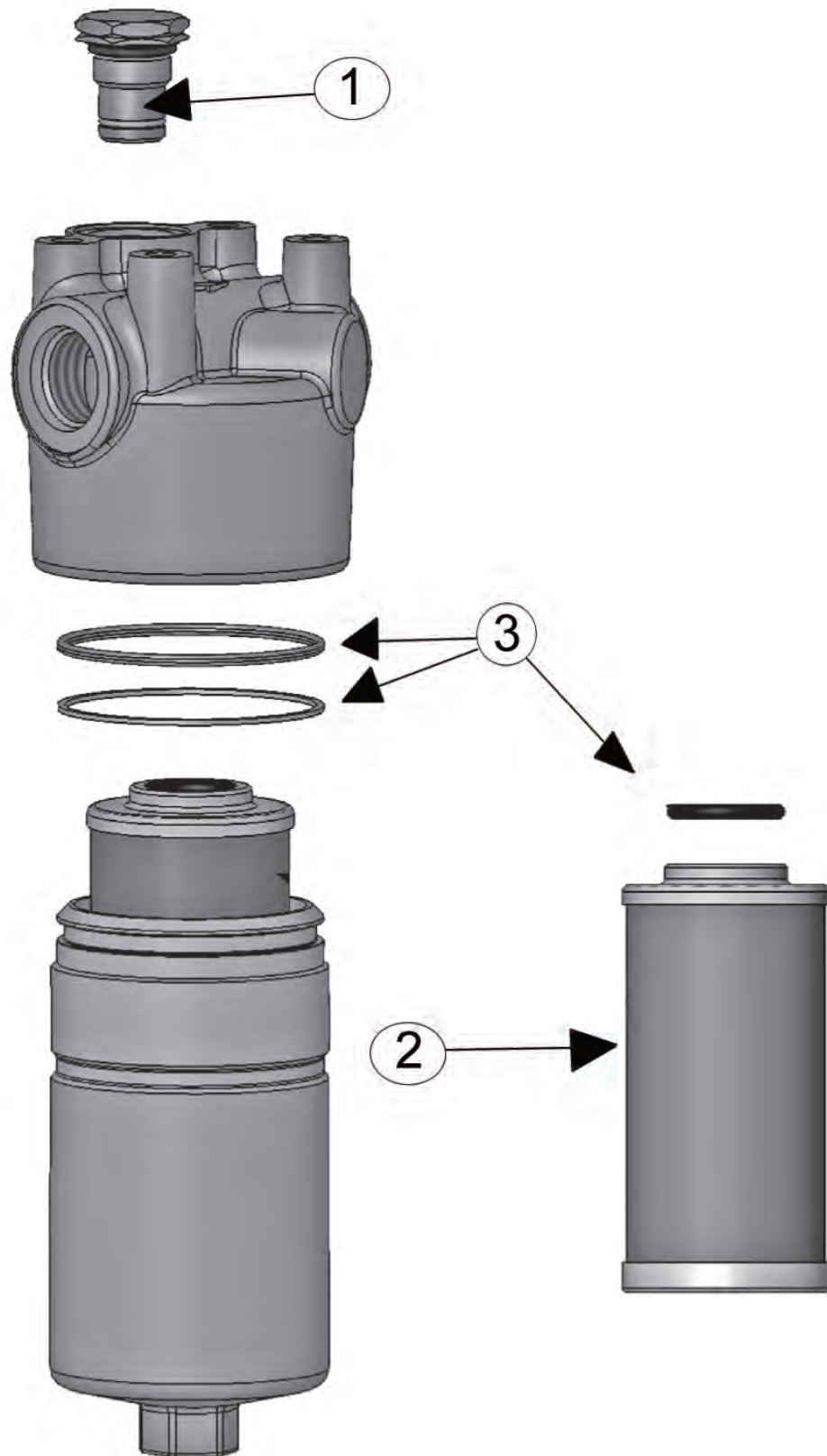
ITEM	PART NO.	QTY.	DESCRIPTION
49	03200587	1	PLUG - HEX HD #8MB
50	02968830	1	VINYL TAPE BLUE 1/2" WIDE
51	02968828	1	VINYL TAPE RED 1/2" WIDE
52	02891800	2	HHCS 1/2 NC 1-3/4 PL8
53	02776600	2	HHCS, 1/2-13 NC X 1 1/4" PL8
54	02994912	1	HEATER, 250W TANK
55	02983078	1	BREATHER, 4-PSI, 1/4MP
56	02959924	1	NUT,LOCK TLM 1/4-20 NC PLB
57	00021400	1	HHCS 1/4 NC 3/4 PL5
58	02977915	1	ADP HYD 4MB-4MJ 45 DEG.
59	02996288	1	FILTER, RETURN, ANGLE BREATHER
60	10119000	4	HEXB 5/16 X 1 NC GR5
61	00011700	4	HIGH ALLOY, L/W 5/16 YZ KG

HYDRAULIC ASY KIT PN 02994966



ITEM	PART NO.	QTY.	DESCRIPTION
1	02994418	1	VALVE, 7-SEC, MAVERICK
2	02977915	6	ADP HYD 4MB-4MJ 45 DEG.
3	02981871	6	HYD ADP ELBOW 6MB -6MJ 45
4	02994951	2	ADP HYD ELBOW 4MB - 6MJ - 45
5	02090800	1	ADP HYD ELBOW 12MB-12MJ90
6	02983377	1	ADAPTER, 12MJ - 10MB90
7	03200284	1	ADP HYD STGHT 6MB - 4MJ
8	02961940	2	PLUG HEX SKT HD 4MB

FILTER ASY - PRESSURE - PN 02994847

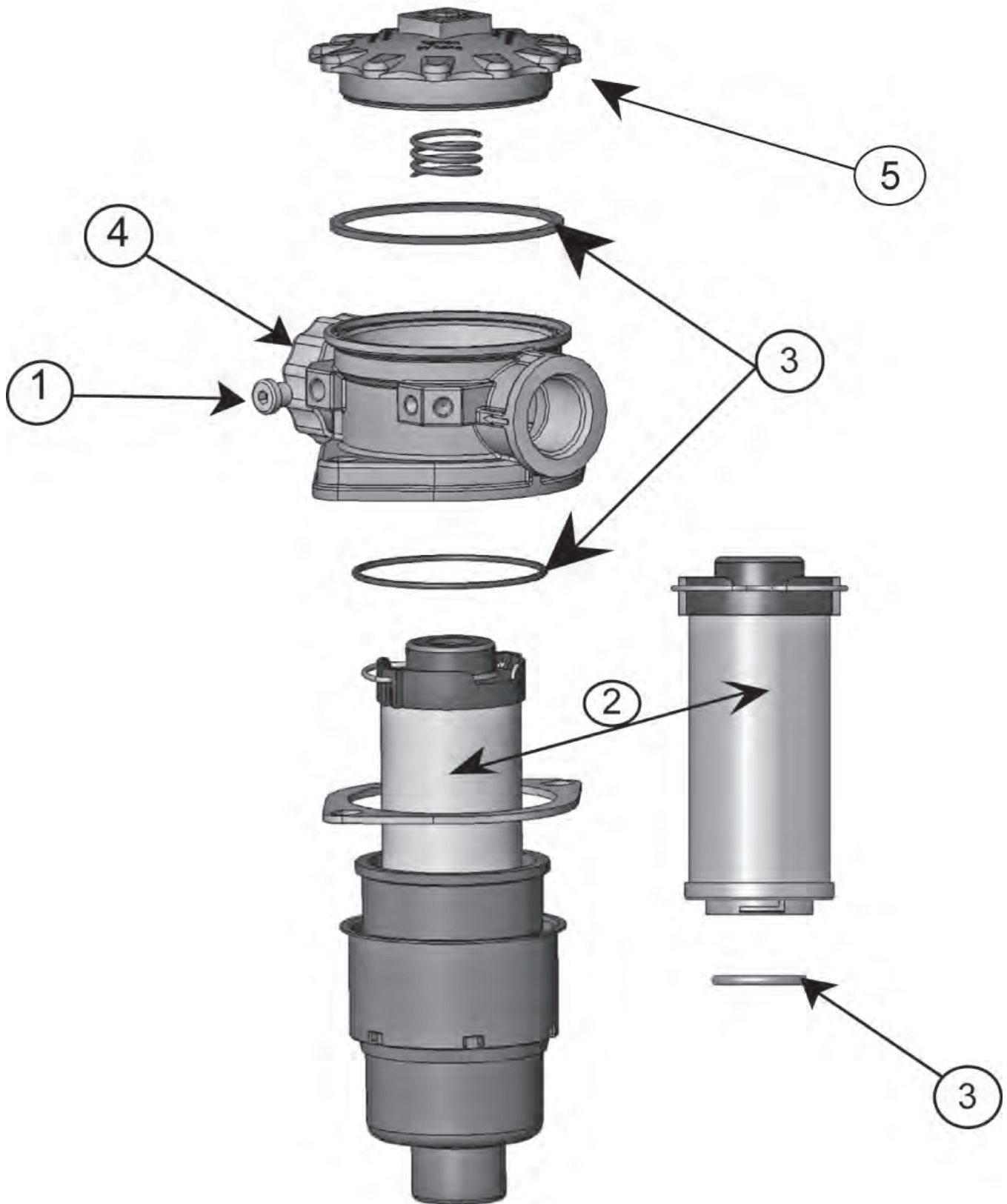


FILTER ASY - PRESSURE - PN 02994847

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02995423	1	INDICATOR, HP FILTER CLOG
2	02994854	1	ELEMENT, PRESS FILTER, MAV 2
3	02995424	1	SEAL KIT, HP FILTER

FILTER ASY - RETURN - PN 02994846 TO S/N 1608XX

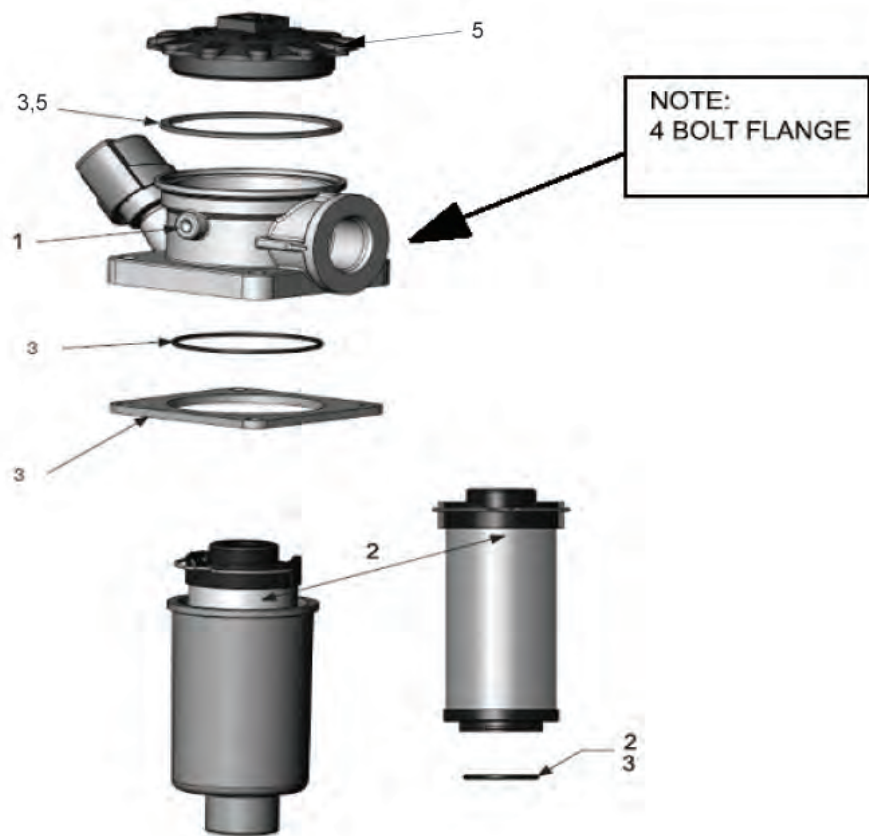


FILTER ASY - RETURN - PN 02994846 TO S/N 1608XX

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02995425	1	INDICATOR, RET FILTER CLOG
2	02994853	1	ELEMENT, RET FILTER, MV2
3	02995426	1	SEAL KIT, RET FILTER
4	02995427	1	FILTER, BREATHER, RET FILTER
5	02997916	1	LID ASSY

FILTER, RETURN, ANGLE BREATHER - PN 02996288 AFTER S/N 1608XX

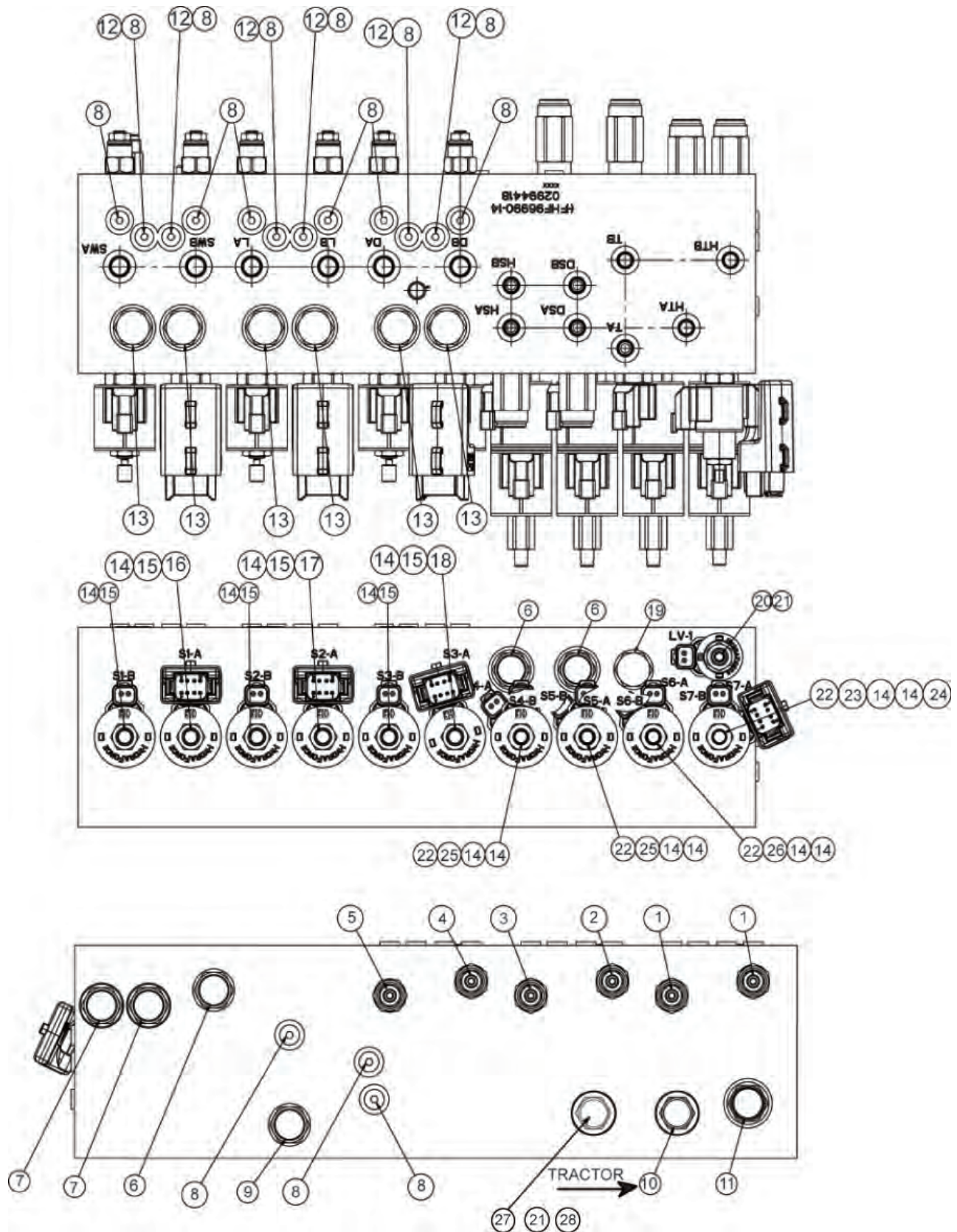


FILTER, RETURN, ANGLE BREATHER - PN 02996288 AFTER S/N 1608XX

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02995425	-	INDICATOR, RET FILTER CLOG
2	02994853	-	ELEMENT, PRESS FILTER, MAV2
3	02996904	-	SEAL KIT, MV2 45 RET
4	02996905	-	FILTER, BREATHER, IN CANISTER

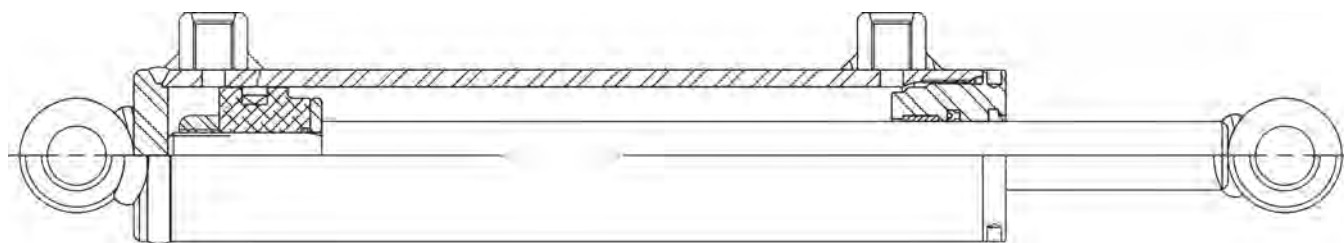
VALVE ASY W/FITTINGS - PN 02994418



VALVE ASY W/FITTINGS - PN 02994418**Continued...**

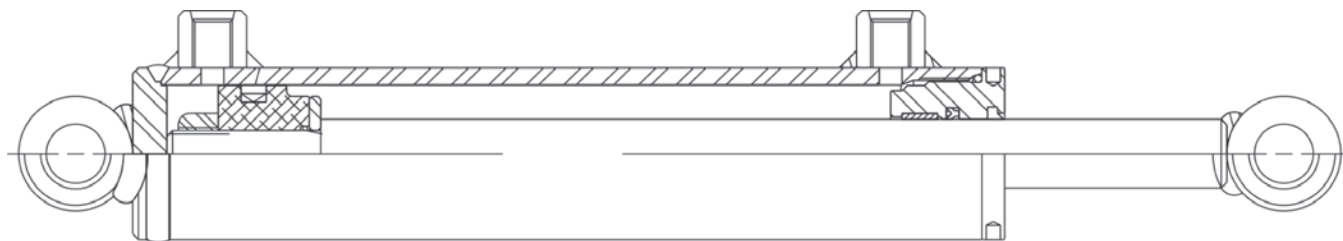
ITEM	PART NO.	QTY.	DESCRIPTION
1	02995428	2	VALVE, COUNTERBALANCE 3045 PSI
2	02995429	1	VALVE, COUNTERBALANCE 1160 PSI
3	02995430	1	VALVE, COUNTERBALANCE 3200 PSI
4	02995431	1	VALVE, COUNTERBALANCE 2030 PSI
5	02995432	1	VALVE COUNTER BALANCE 3200 PSI
6	02995433	3	VALVE CROSSOVER RELIEF 2755 PSI
7	02995434	2	VALVE, RELIEF 2755 PSI
8	02961940	19	PLUG HEX SKT HD 4MB
9	02995435	1	VALVE PRESS. REG
10	02995436	1	VALVE, FLOW REG
11	02995437	1	VALVE, RELIEF 3500 PSI
12	02995438	6	ORIFICE
13	02995439	6	VALVE, CHECK
14	02995440	14	COIL, CONTROL
15	02995441	6	VALVE, CONTROL
16	02995442	1	CONTROLLER, SWING
17	02995443	1	CONTROLLER, LIFT
18	02995444	1	CONTROLLER, DIPPER
19	02995445	1	VALVE, DUAL CHECK
20	02995446	1	VALVE, CONTROL
21	02995447	2	COIL, CONTROL
22	02995448	4	DISC, CHECK
23	02995449	1	VALVE, CONTROL
24	02995450	1	CONTROLLER, HEAD TILT
25	02995451	2	VALVE CONTROL
26	02995452	1	VALVE CONTROL
27	02996903	1	PLUG, CAVITY *INCLUDED ON UNITS AFTER SN ENDING 160901
28	02997763	1	VALVE, ENABLE *INCLUDED WITH 1 OF 02995447 IN PLACE OF 02996903 ON UNITS AFTER SN ENDING 161201

HYD CYL ASY - AXLE STABILIZER (OPTIONAL) - PN 02992192



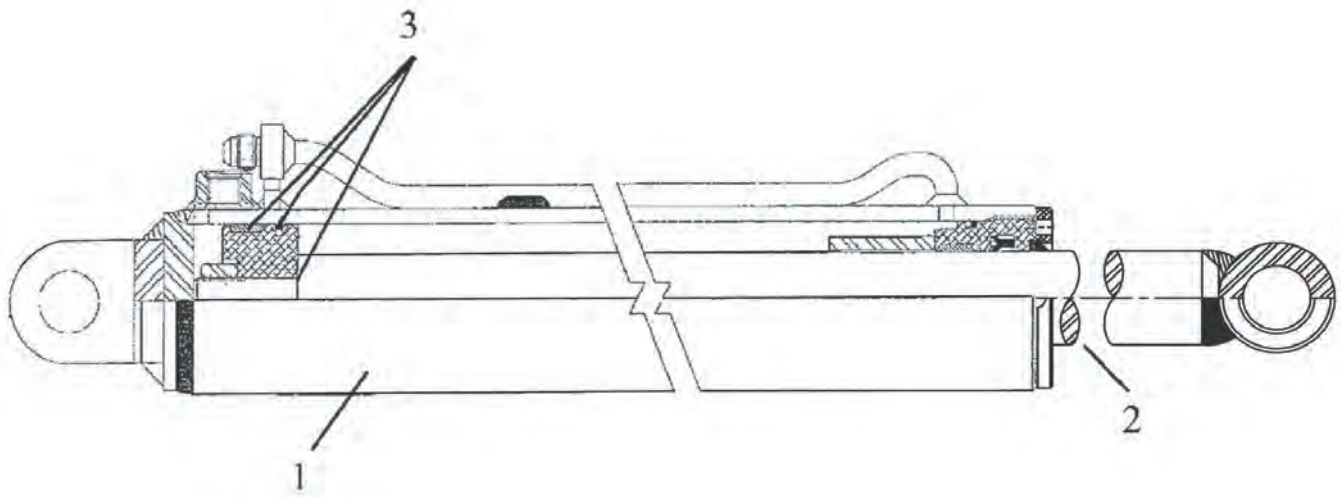
ITEM	PART NO.	QTY.	DESCRIPTION
	02992192	1	CYLINDER, 1.5B X .75R X 6.25S
-----	02992223	1	SEAL KIT

HYD CYL ASY - AXLE STABILIZER (OPTIONAL) - PN 02994770



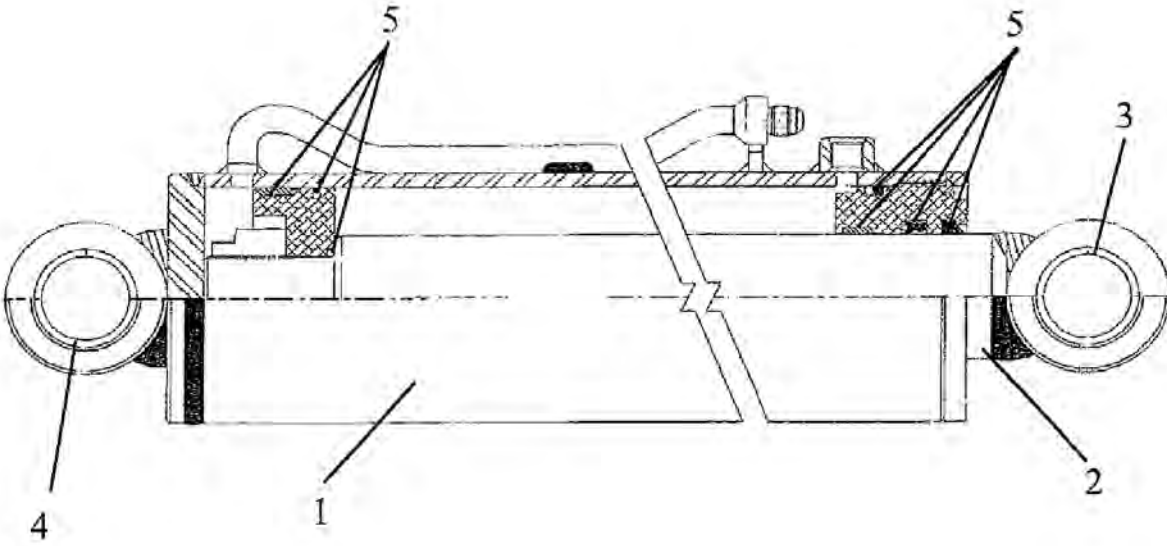
ITEM	PART NO.	QTY.	DESCRIPTION
1	02994770	1	CYLINDER, 1.5B X .75R X 6.25S
2	02995416	1	SEAL KIT

HYD CYL ASY - EXTENSION (24-30 FT BOOM) - PN 02994363



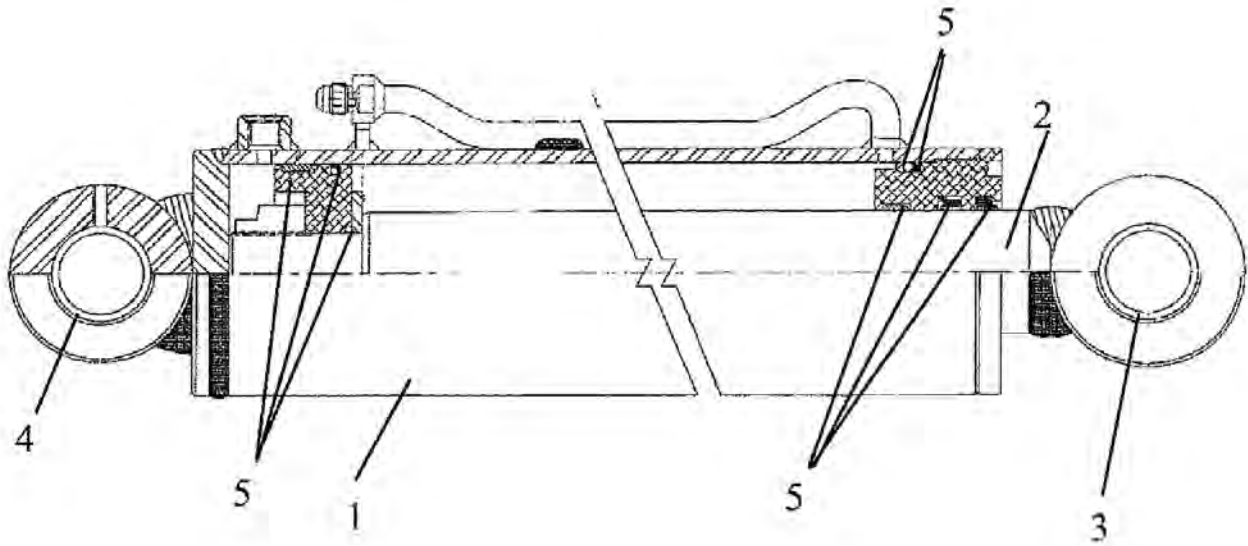
ITEM	PART NO.	QTY.	DESCRIPTION
	02994363	1	HYD CYLINDER ASY, BOOM EXTENSION
1	02995417	1	BARREL ASSY
2	02995418	1	ROD ASY
3	02982067	1	SEAL KIT

HYD CYL ASY - DIPPER (24-30 FT BOOM) - PN 02981277



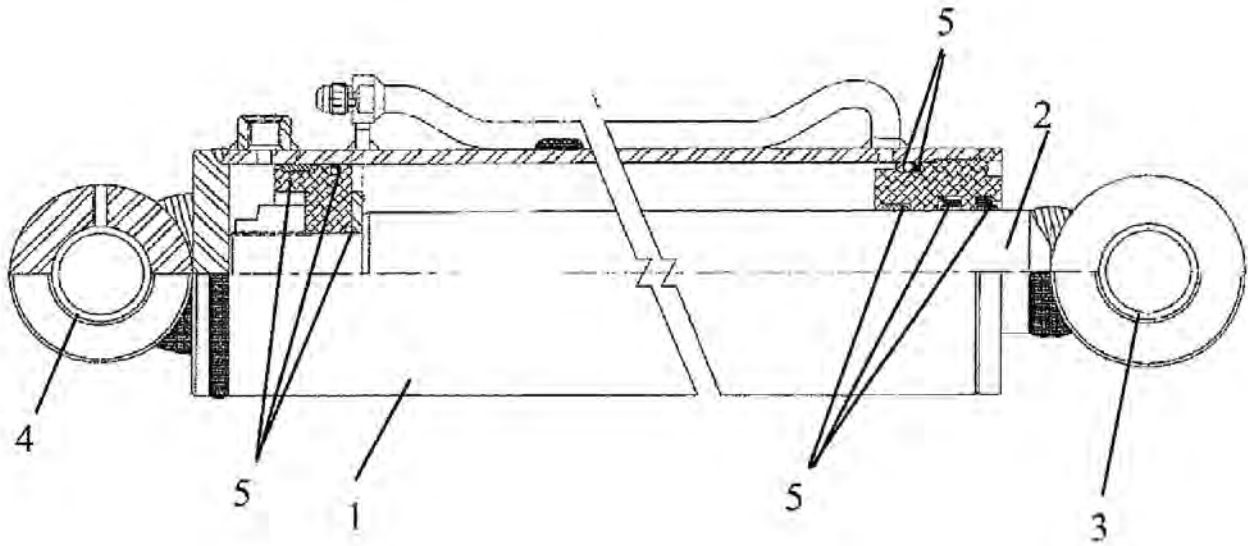
ITEM	PART NO.	QTY.	DESCRIPTION
	02981277	1	HYD CYLINDER ASY, DIPPER
1	02981925	1	BARREL WELDMENT
2	02981926	1	ROD ASY
3	02982250	2	BUSHING, ROD END 1-1/2" LONG
4	02982251	2	BUSHING, BASE END 2" LONG
5	02982068	1	SEAL KIT

HYD CYL ASY - LIFT (24 FT BOOM) - PN 02981279



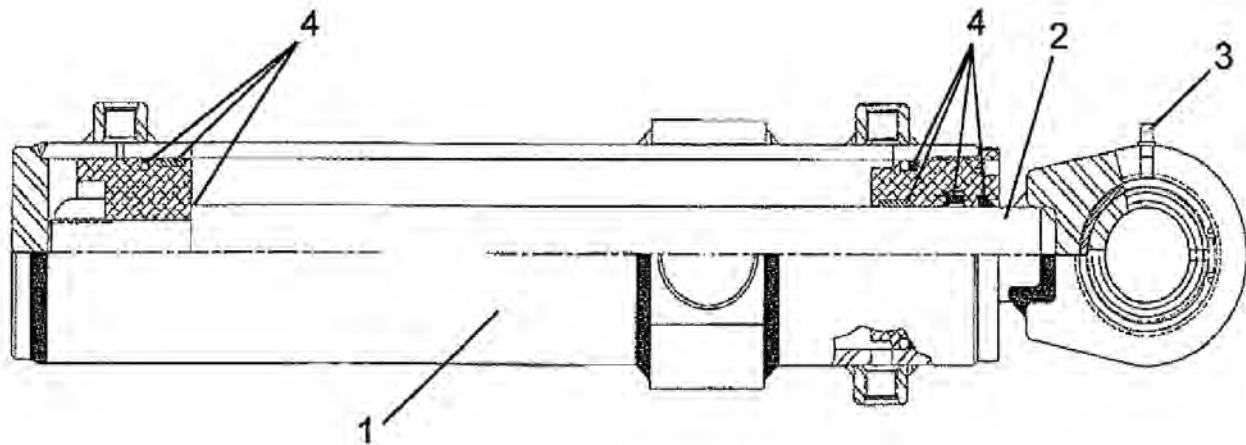
ITEM	PART NO.	QTY.	DESCRIPTION
	02981279	1	HYD CYLINDER ASY, LIFT 24 FT. BOOM
1	02981929	1	BARREL WELDMENT
2	02981930	1	ROD ASY
3	02982250	2	BUSHING, ROD END 1-1/2" LONG
4	02982251	2	BUSHING, BASE END 2" LONG
5	02982068	1	SEAL KIT

HYD CYL ASY - LIFT (30 FT BOOM) - PN 02981278



ITEM	PART NO.	QTY.	DESCRIPTION
	02981278	1	HYD CYLINDER ASY, LIFT 30 FT. BOOM
1	02981927	1	BARREL WELDMENT
2	02981928	1	ROD ASSEMBLY, 02981278
3	02982250	2	BUSHING, ROD END 1-1/2" LONG
4	02982251	2	BUSHING, BASE END 2" LONG
5	02982069	1	SEAL KIT

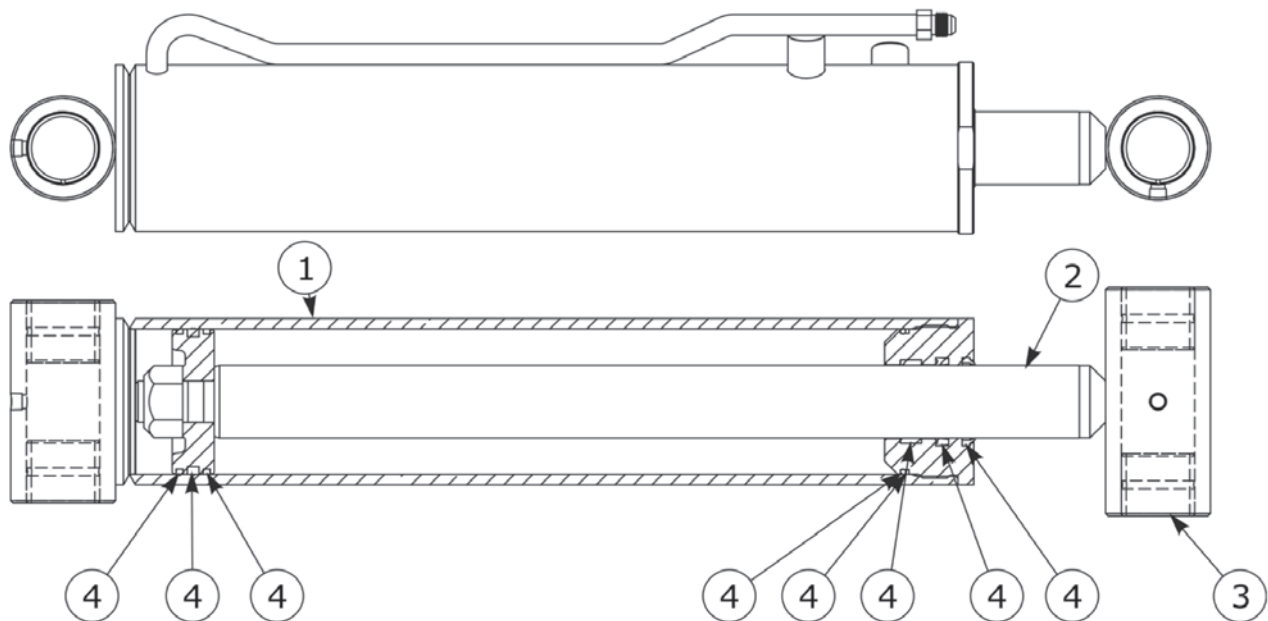
HYD CYL ASY - SWING W/ SPHERICAL ROD END (24/30 FT) - PN 02981275A



ITEM	PART NO.	QTY.	DESCRIPTION
	02981275A	1	HYD CYL ASY, SWING CYL (W/ SPHERICAL ROD END)
1	02981921	1	BARREL WELDMENT
2	02981922A	1	ROD ASY (W/ SPHERICAL ROD END)
3	00752670	1	GREASE FITTING
4	02982066	1	SEAL KIT, 02981275

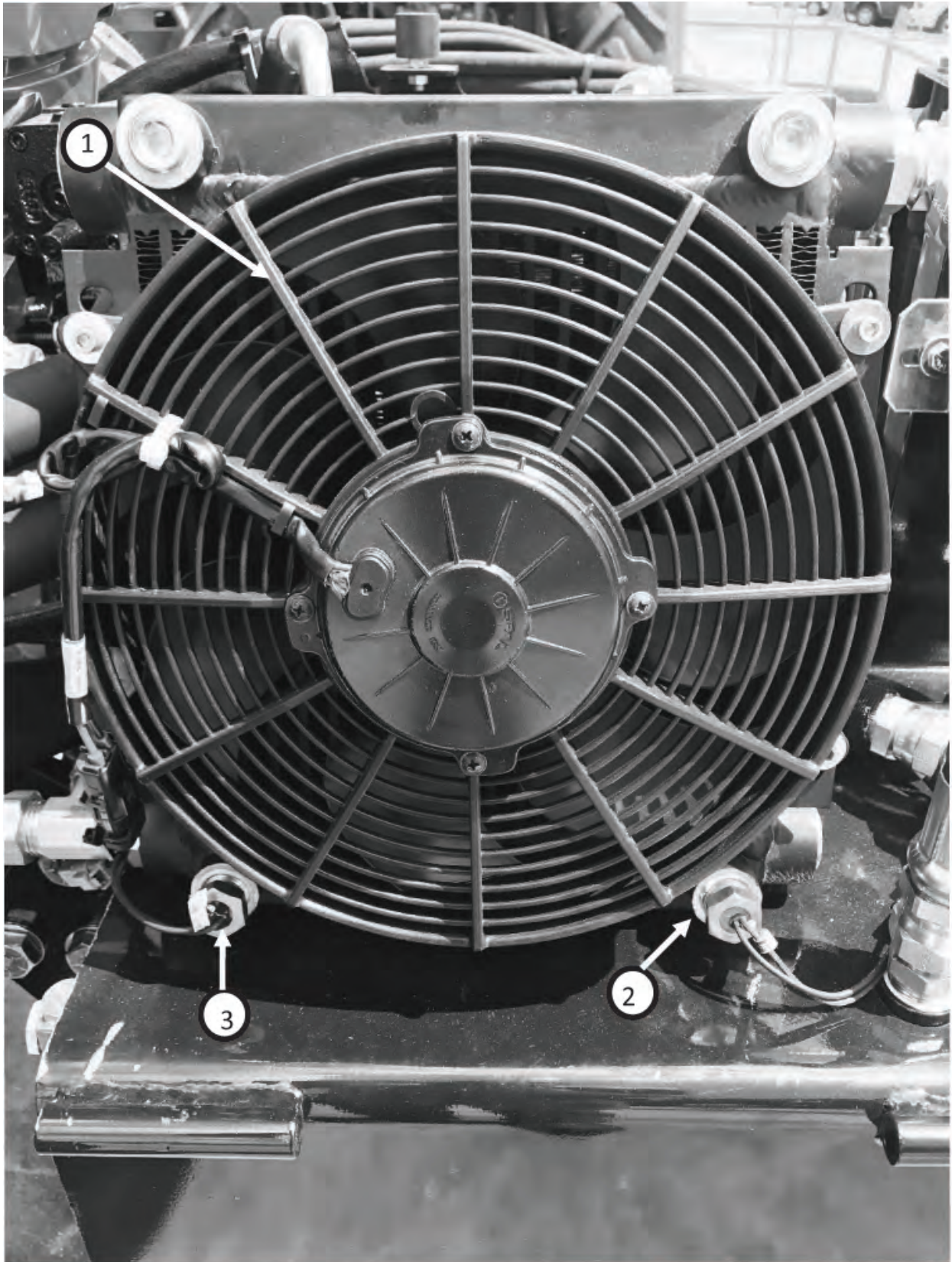
NOTE: THE SWING CYLINDER THERE ARE TWO TYPES OF ROD ENDS, THE WELDED ON TUBE AND THE WELDED ON SPHERICAL END. CHECK WHICH YOU HAVE BEFORE ORDERING CYLINDER ROD (ITEM 2). QTY SHOWN IS FOR ONE CYLINDER, THERE ARE TWO SWING CYLINDERS PER MAVERICK BOOM.

HYD CYL ASY - TILT - PN 02984944



ITEM	PART NO.	QTY.	DESCRIPTION
	02984944	1	CYLINDER, 3.5B X 1.75R X16S
1	02986286	1	ASY, BARREL, TILT CYL,02984944
2	02986287	1	ROD WLDMT
3	02982250	4	BUSHING
4	02986288	1	SEAL KIT

HYD OIL COOLER - PN 02994848



02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

HYD OIL COOLER - PN 02994848

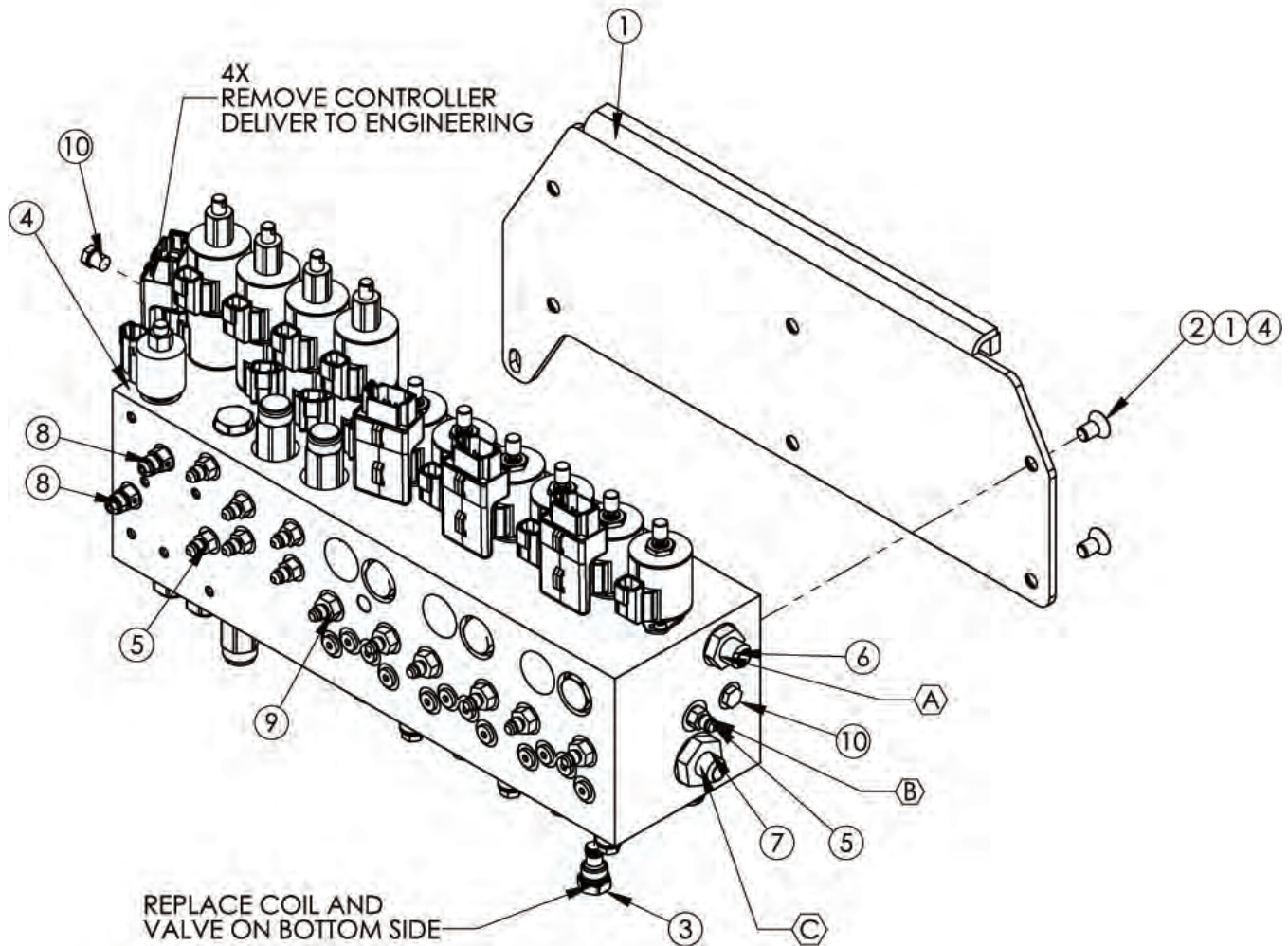
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02997613	1	COOLER, 11HP W-PACK
2	02995420	1	TEMP SWITCH TS120
3	02995421	1	TEMP SWITCH TS210

MANIFOLD W/FITTINGS - MANTIS - P/N 32121607

HOSE CONNECTION TABLE

END	COLOR	HOSE NUMBER	END CONNECTOR
A	RED	32121622	32110907
B	RED	32121624	32110909
C	BLUE	32121623	32110911



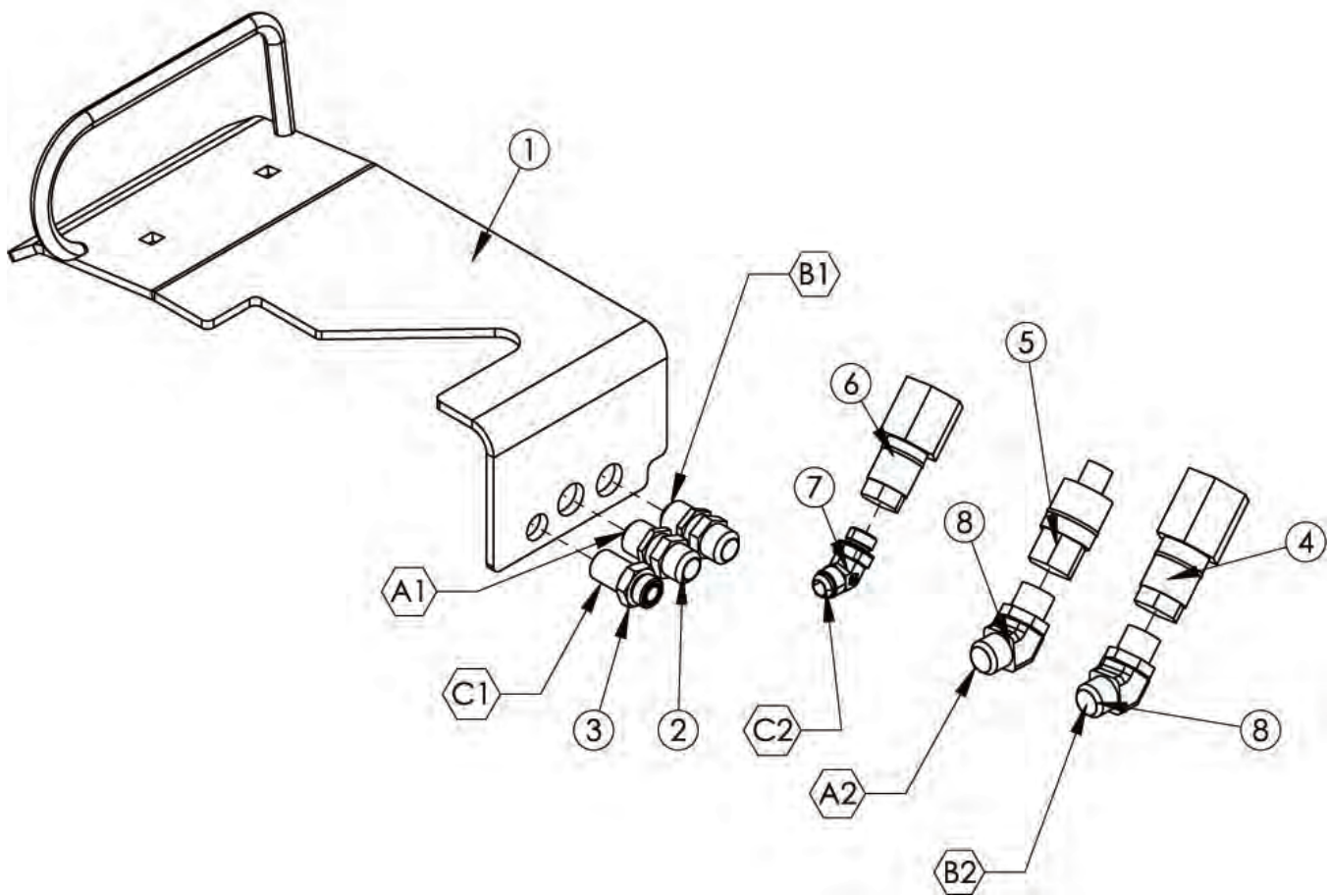
ITEM	PART NO.	QTY.	DESCRIPTION
1	32121508	1	WLDMT, CNTRL VLV MNT, MAV
2	32121541	6	FSCS 7/16-14 X 3/4 PL
3	02996903	1	PLUG, CAVITY
4	02994418	1	VALVE, 7-SEC, MAVERICK
5	02962181	7	ADP HYD STGHT 4MB-4MJ
6	02042300	1	ADP HYD STGHT 10MB-8MJ

MANIFOLD W/FITTINGS - MANTIS - P/N 32121607**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
7	63042700	1	ADP HYD STGHT 12MB-8MJ
8	32121594	2	ADP HYD FTG 04MB - 06MJ
9	03200283	6	ADP HYD STGHT 6MB-6MJ
10	02961940	2	PLUG HEX SKT HD 4MB

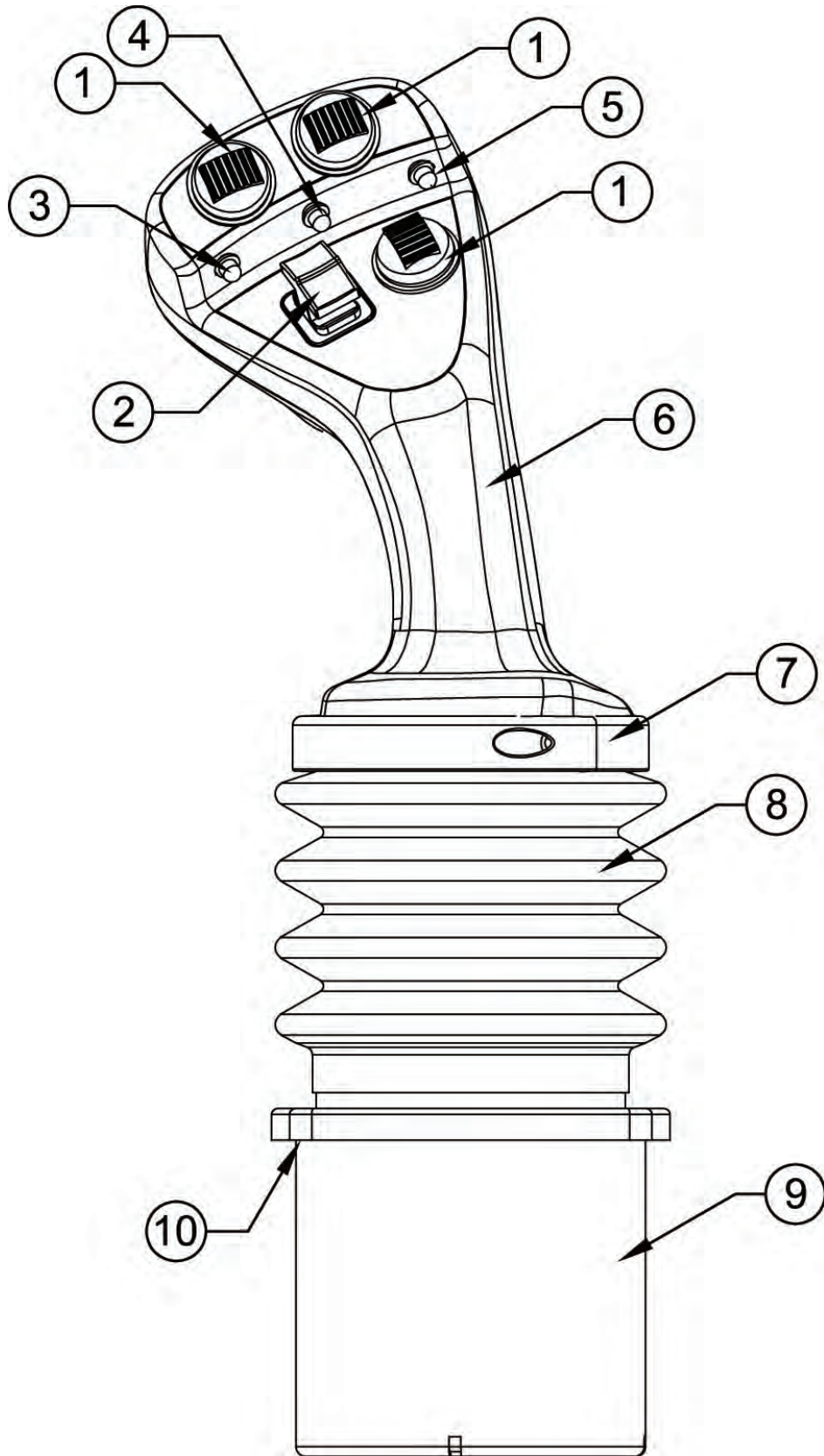
HOSE REST - MANTIS - P/N 32121651

HOSE CONNECTION TABLE		
END	COLOR	HOSE #
A	RED	32121629
B	BLUE	32121630
C	GREEN	32121628



SECTION 70 CONTROLS

JOYSTICK ASY - P/N 02994419

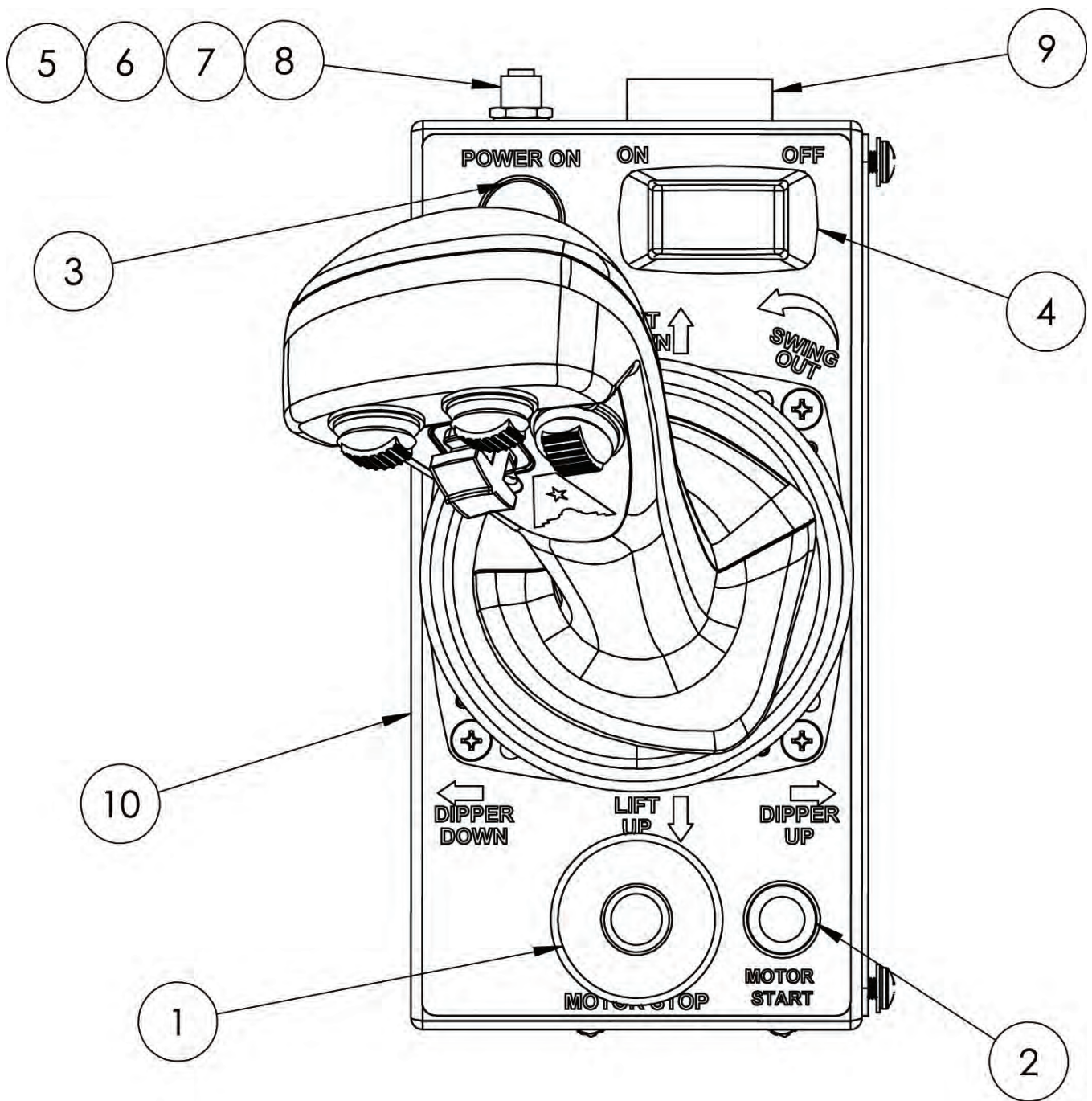


JOYSTICK ASY - P/N 02994419

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02995453	3	ROCKER, JS FACE ON-OFF-ON
2	02995454	1	ROCKER, PROPORTIONAL
3	02995455	1	LED, JOYSTICK, GREEN
4	02995456	1	LED, JOYSTICK, YELLOW
5	02995457	1	LED, JOYSTICK, RED
6	02995458	1	HANDLE, JOYSTICK
7	02995459	1	RING, JOYSTICK BASE
8	02991752	1	BOOT, RUBBER, JS8 J-STK
9	02995460	1	ENCLOSURE, JOYSTICK BASE
10	02995461	4	SCREW

JOYSTICK ASY SPARE PARTS - P/N 02994419



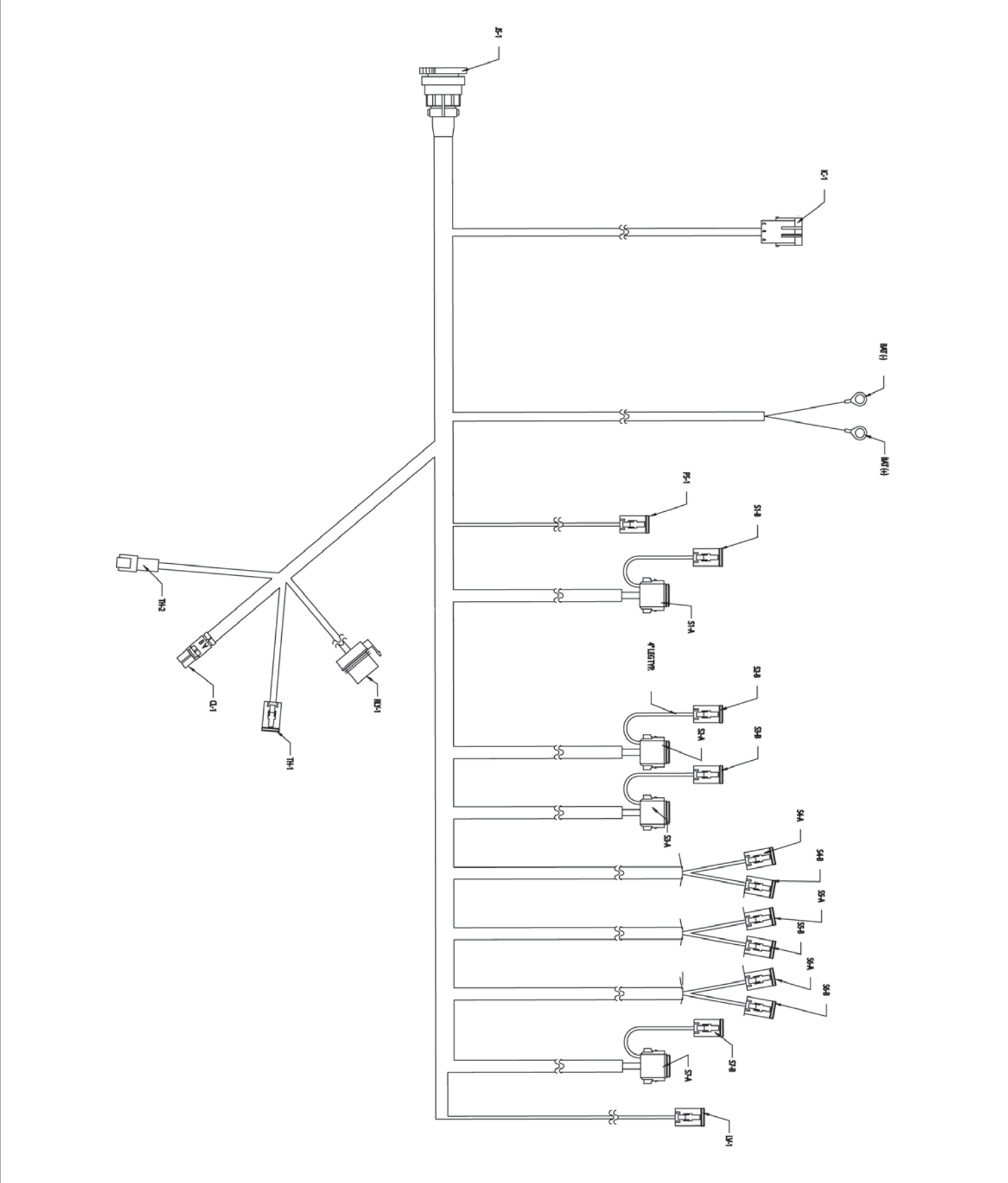
ITEM	PART NO.	QTY.	DESCRIPTION
1	02981028	1	SWITCH PUSH PULL
2	02981030	1	SWITCH MOMENTARY PUSHBUTTON
3	02995462	1	LED, BOX, GREEN
4	02995463	1	SWITCH, POWER, 3-POS
5	02981026	1	CIRCUIT BREAKER 10A PANEL MNT
6	02995464	1	CIRCUIT BREAKER 5A PANEL MNT

JOYSTICK ASY SPARE PARTS - P/N 02994419

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
7	02995467	2	NUT, CIRCUIT BREAKER
8	02995468	2	WASHER, CIRCUIT BREAKER
9	02995465	1	ALARM, AUDIBLE
10	02995466	1	ENCLOSURE, JOYSTICK

WIRING HARNESS PN 02994468



02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

WIRE HARNESS - MANTIS - P/N 32121919

A2 - IMPLEMENT MAIN					AAS (ACTIVE STABILITY)				
CONNECTOR:		DEUTSCH HD26-24-23PN (X401)			CONNECTOR:		DEUTSCH DT06-2S		
PIN TYPE:		PIN			PIN TYPE:		SOCKET		
PIN#	CONNECTION	FUNCTION	CLR	GA	PIN#	CONNECTION	FUNCTION	CLR	GA
A	---	PLUG	---	---	1	RLY-1(87)	RELAY OUTPUT (ON)	ORG	16
B	---	PLUG	---	---	2	A2(X)	GROUND	ORG	16
C	---	PLUG	---	---					
D	---	PLUG	---	---					
E	---	PLUG	---	---					
F	---	PLUG	---	---					
G	---	PLUG	---	---					
H	---	PLUG	---	---					
J	---	PLUG	---	---					
K	---	PLUG	---	---					
L	---	PLUG	---	---					
M	---	PLUG	---	---					
N	---	PLUG	---	---					
O	RLY-1(86)	RELAY SIGNAL	YEL	16					
P	---	PLUG	---	---					
Q	---	PLUG	---	---					
R	---	PLUG	---	---					
S	---	PLUG	---	---					
T	---	PLUG	---	---					
U	---	PLUG	---	---					
V	---	PLUG	---	---					
W	---	PLUG	---	---					
X	AAS(2) RLY-1(85)	GROUND	BLK	16					

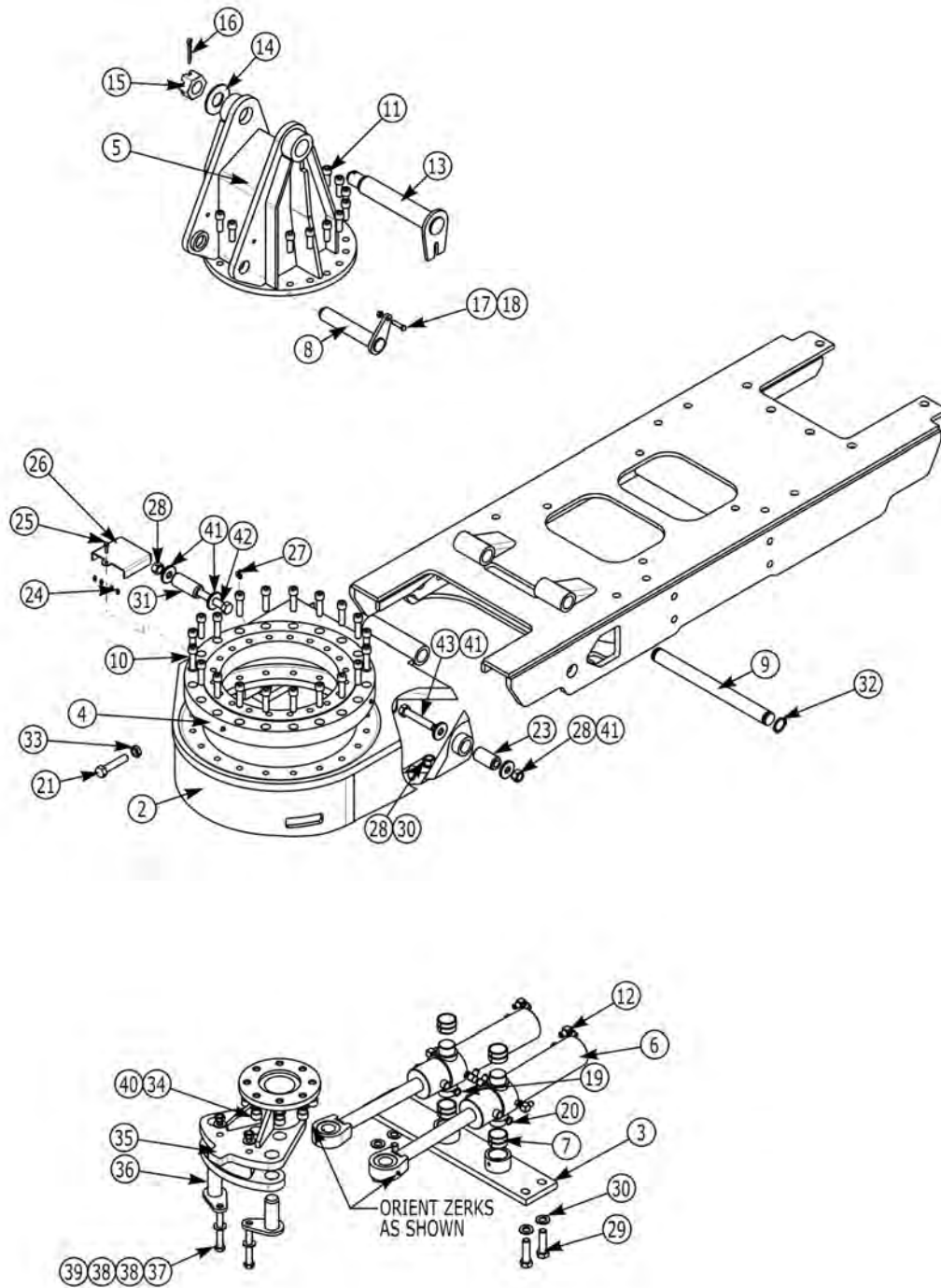
FS (FLOAT SIGNAL)				
CONNECTOR:		DEUTSCH DT04-2P		
PIN TYPE:		PIN		
PIN#	CONNECTION	FUNCTION	CLR	GA
1	RLY-1(30)	RELAY POWER	RED	16
2	FO(2)	GROUND	BLK	16

FO (FLOAT OUTPUT)				
CONNECTOR:		DEUTSCH DT06-2S		
PIN TYPE:		SOCKET		
PIN#	CONNECTION	FUNCTION	CLR	GA
1	RLY-1(87A)	GROUND	BLK	16
2	A2-O	ACTIVE STAB SIGNAL	ORG	16

RLY-1 (RELAY)				
RELAY-CIT-A2S1CSQ12VDC1.6				
RELAY MUST HAVE WEATHERPROOF SHROUD				
CONNECTOR-12077951				
PIN#	CONNECTION	FUNCTION	CLR	GA
30	FS(1)	POWER (12V)	RED	16
85	A2(X) AAS(2)	GROUND	BLK	16
86	A2(O)	SIGNAL	YEL	16
87A	FO(1)	OUTPUT (OFF)	ORG	16
87	AAS(1)	OUTPUT (ON)	ORG	16

SECTION 80 FRAMES

UNDER MOUNT FRAME ASY (PART 1)



UNDER MOUNT FRAME ASY (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02989208	1	ASY, UM FRAME, CC, DS
1	02989071	1	WELDMENT, FRAME, UM
	02992769	1	WLDMT, FRAME WIDE UM
2	02986506	1	MACHINED, BOOM MOUNT, UNDER MOUNT
3	02983977	1	WELDMENT, TRUNION
4	02981317	1	BEARING, 20" SLEWING
5	02981141	1	MACHINED, TURRET, UNDER MOUNT
6	02981275A	2	CYLINDER, 3.0B X 1.5R X 12.0S, SWING
7	02981419	4	CONNEX BUSHING, 2 X 1 3/4 X 1 1/4 OD GROOVE
8	02981295	1	WELDMENT, PIN, TURRET LIFT CYLINDER
9	02986438	1	PIN, 1 1/2 X 17 3/4
10	02981785	20	SHCS 5/8 NC 2 1/4 PL8
11	02981786	18	SHCS 5/8 NC 1 3/4 PL8
12	63149100	6	ADP, HYD ELBOW 6MB-6MJ 90
13	02981293	1	WELDMENT, PIN, TURRET/LIFT
14	15B2400	1	FLATWASHER NAR 1-1/2 PL
15	02981702	1	SLOTTED NUT, 1-1/2 NF
16	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
17	00023100	1	HHCS 3/8 X 1-1/2 NC PL GR5
18	00015800	1	LOCKNUT TLM 3/8 NC PLC
19	02968832	1	VINYL TAPE GREEN 1/2" WIDE
20	02968833	1	VINYL TAPE GREEN 1/4" WIDE
21	02963646	1	HHCS 3/4 NC 2-1/2 PL8
22	-----	1	-----
23	02988244	1	PIN, SHORT, FRONT PEDESTAL
24	00752670	4	GREASE FITTING 1/4-28 BOLT THD
25	10058000	1	HHCS 1/4NC-1" PL GR5
26	02983027	1	SHIELD, MANIFOLD
27	00752176	1	FITTING, GREASE 1/8 MP 90 DEG
28	00037200	6	NUT 3/4 NC LOCKNUT
29	02960521	4	HHCS 3/4 NC 2-3/4 PL8
30	5312316	8	FLATWASHER 3/4 HARDENED
31	02988243	1	PIN, LONG, REAR, PEDESTAL
32	03200930	2	RETAINING RING,1.5 SHAFT HEAVY DUTY
33	02023900	1	3/4 JAM NUT
34	02708700	8	SHCS 3/4 NC 2 PL8
35	02987653	1	MACH, TURRET CYLINDER HUB
36	02987649	2	WELDMENT, TURRET PIN, TEARDROP
37	02956735	2	BOLT, HHCS 5/8" X 5" LG
38	00756077	4	WASHER, 5/8 HARDENED
39	00695100	2	LOCKNUT TOPLOCK 5/8NC PLC

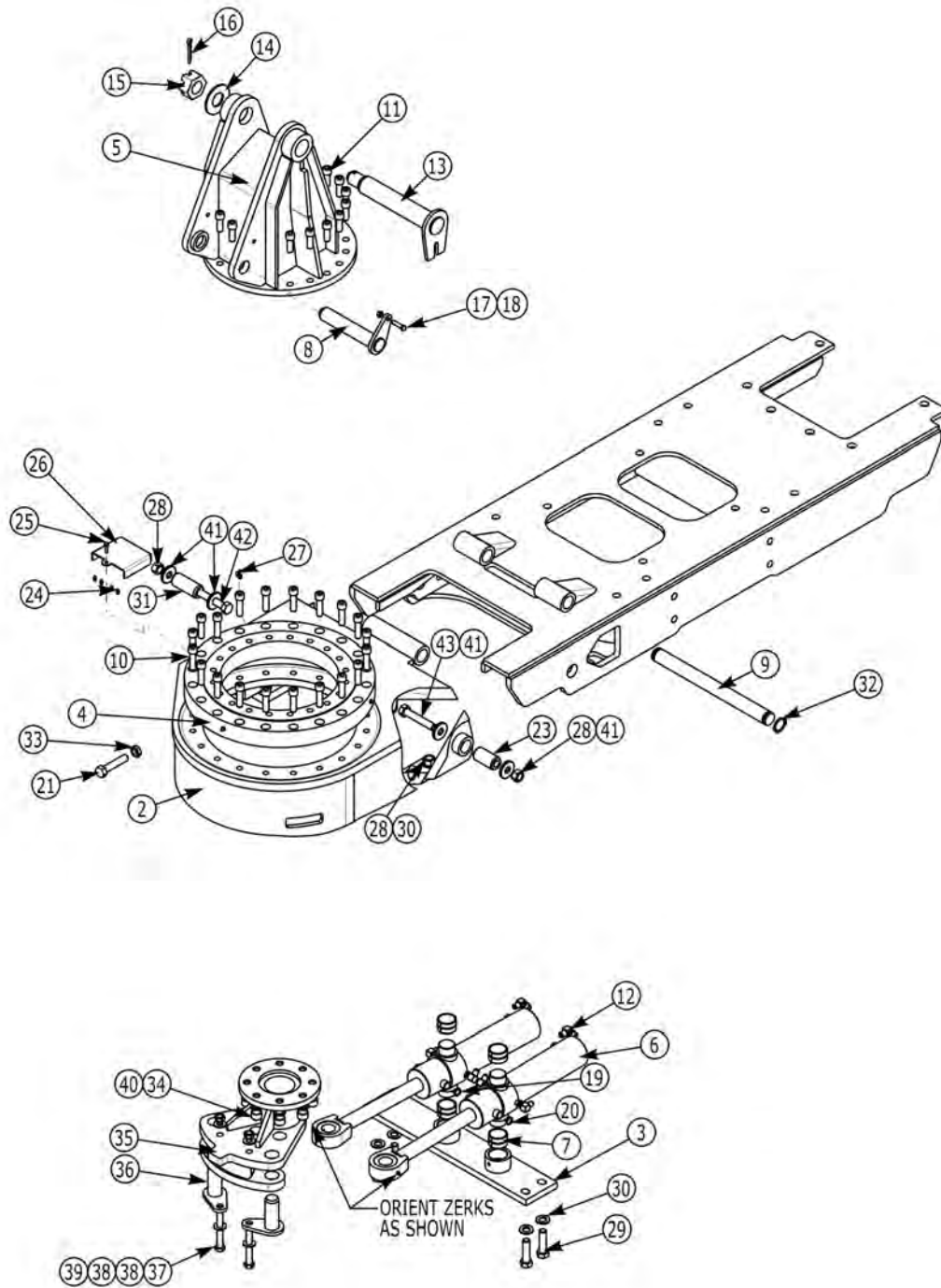
02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

UNDER MOUNT FRAME ASY (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
40	02988671	8	3/4 NORD LOCKWASHER

UNDER MOUNT FRAME ASY (PART 2)

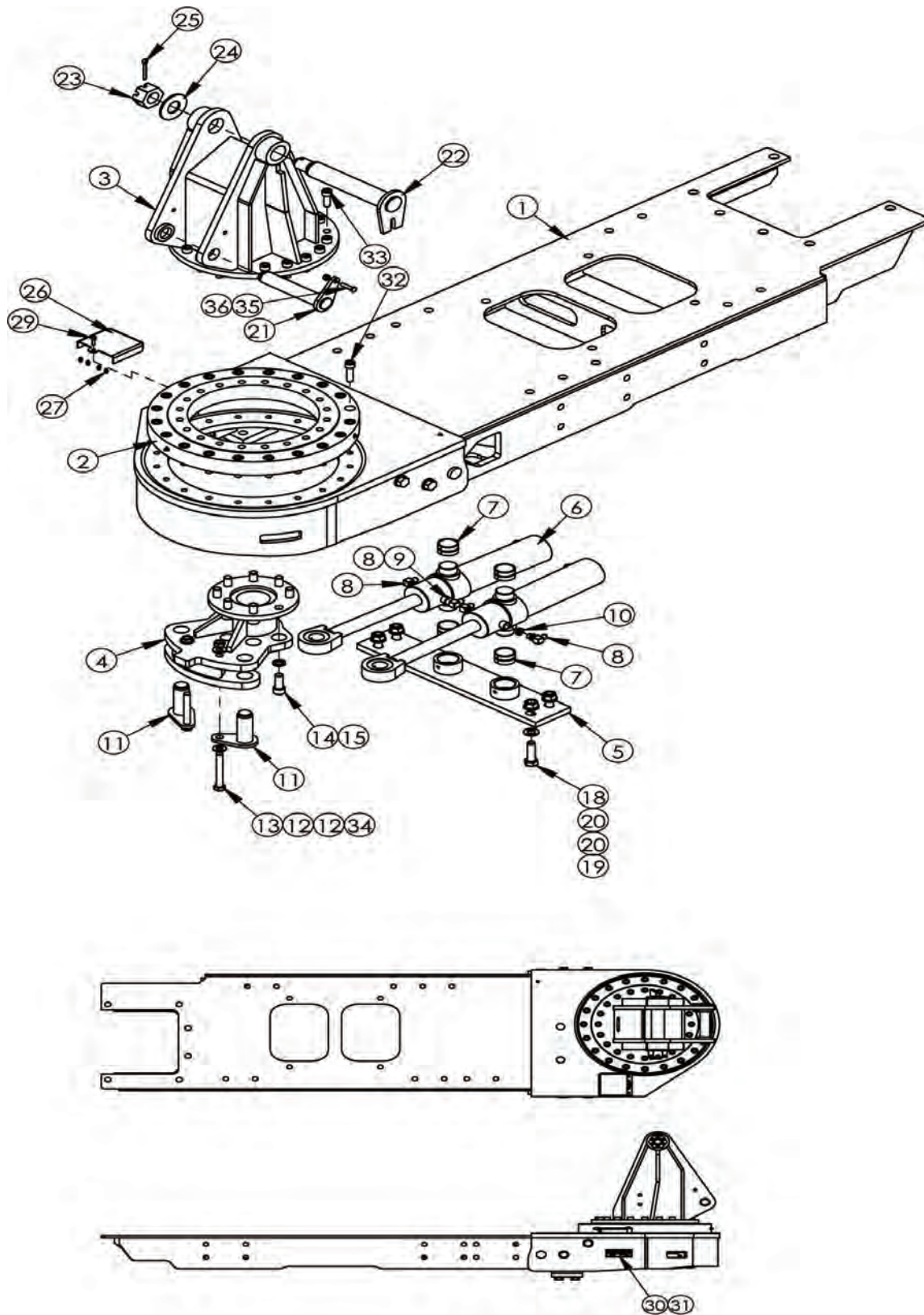


UNDER MOUNT FRAME ASY (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02988184	4	FLATWASHER SPECIAL 3/4 X 2 X 1/4
42	02960916	1	HHCS 3/4 NC 5 PL8
43	02980730	1	HHCS 3/4-10 NC X 4-1/4" PL8

UNDERMOUNT FRAME ASY - NEW HOLLAND - T6 TIER 4



NOTE: ALL DECALS CAN BE FOUND IN COMMON BOX

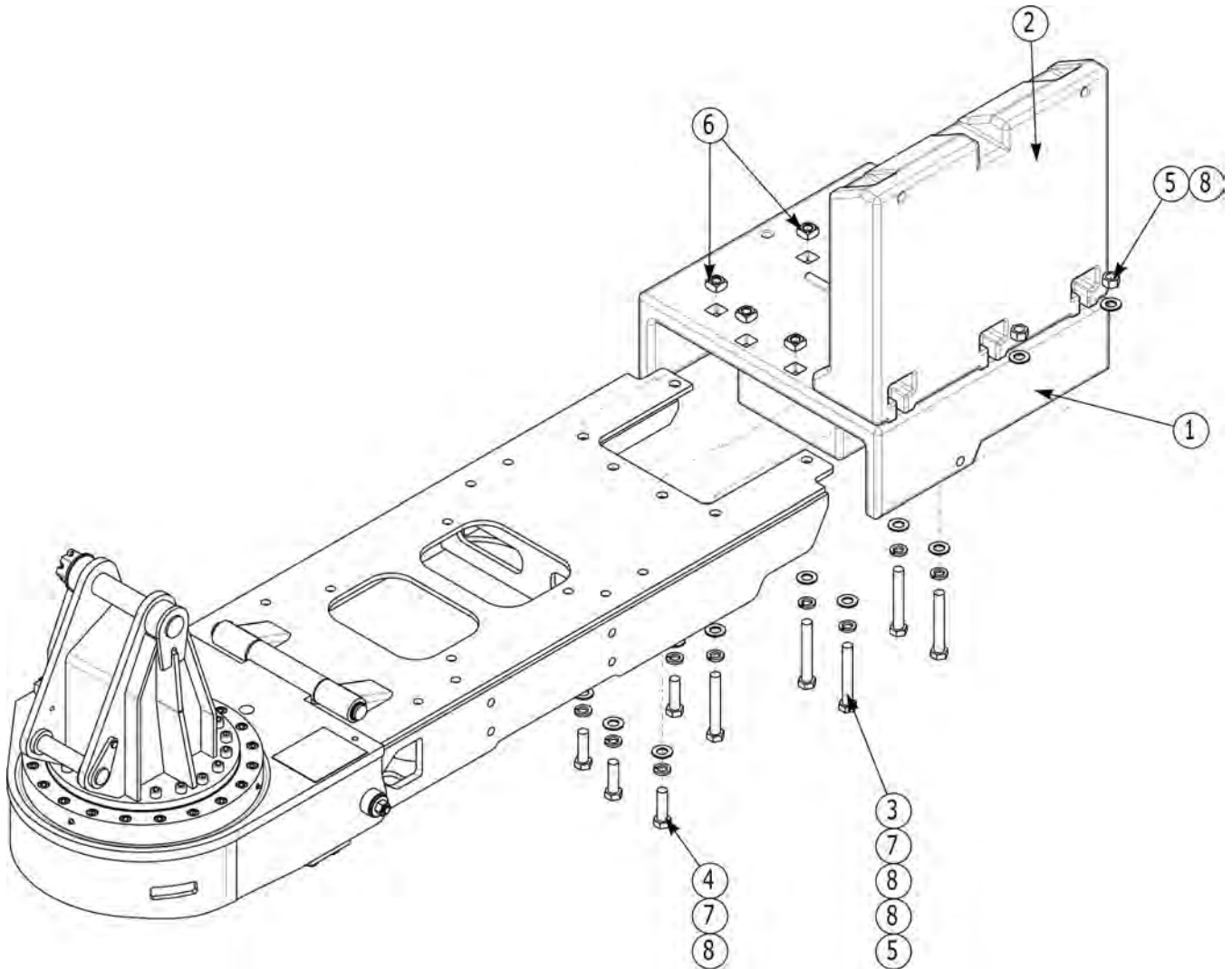
UNDERMOUNT FRAME ASY - NEW HOLLAND - T6 TIER 4

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994515	1	WLDMT, WIDE, ONE PIECE UM
2	02981317	1	SLEW BEARING, 20 OD X 12.75ID
3	02981141	1	MACHINED, TURRET, UNDER MOUNT
4	02987653	1	MACH, TURRET CYLINDER HUB
5	02994513	1	WELDMNT,TRUNION MOUNT, 1PC UM
6	02981275A	2	CYLINDER 3.0B X 1.5R X 12.0S
7	02981419	4	BUSHING, CONNEX, 2X1-3/4X1-1/4
8	63149100	6	ADP HYD ELBOW 6MB-6MJ90
9	02968832	1	VINYL TAPE GREEN 1/2" WIDE
10	02968833	1	VINYL TAPE GREEN 1/4" WIDE
11	02987649	2	WELD, TURRET PIN, TEAR DROP
12	00756077	4	WASHER,5/8 HARDENED - PLATED
13	02957007	2	HHCS 5/8 NC 5 PL8
14	02708700	8	SHCS 3/4 NC 2 PL8
15	02988671	8	WASHER 3/4 NORD-LOCK SET
16	02963646	1	HHCS 3/4 NC 2-1/2 PL8
17	02023900	1	NUT,HEX JAM 3/4-10 UNC PLATED
18	02960521	4	HHCS 3/4 NC 2-3/4 PL8
19	00037200	4	NUT,HEX TOPLOCK 3/4 NC GR.C PL
20	5312316	8	WASHER, 3/4" HARDENED
21	02981295	1	WELD, PIN, TURRET CYLINDER
22	02981293	1	WELD, PIN, TURRET LIFT, MVB
23	02981702	1	SLOTTED NUT, 1-1/2 NF
24	15B2400	1	FLATWASHER,SAE 1-1/2 NAR-PLT
25	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
26	02983027	1	SHIELD, MANIFOLD, GREASE
27	00752670	4	FITTING,GREASE-STR 1/4-28 UNF
28	00752176	1	GREASE FTG,1/8MP 90DEG
29	10058000	1	HHCS 1/4 NC 1 PL5
30	02989318	1	PLATE,S/N UM CC DS
31		4	
32	02981785	20	SHCS 5/8 NC 2 1/4 PL8
33	02981786	18	SHCS 5/8 NC 1 3/4 PL8
34	00695100	2	NUT,TOPLOCK 5/8 NC PLC
35	00023100	1	HHCS 3/8 -16UNC 1-1/2 PL5
36	00015800	1	LOCKNUT TLM 3/8-NC PLC

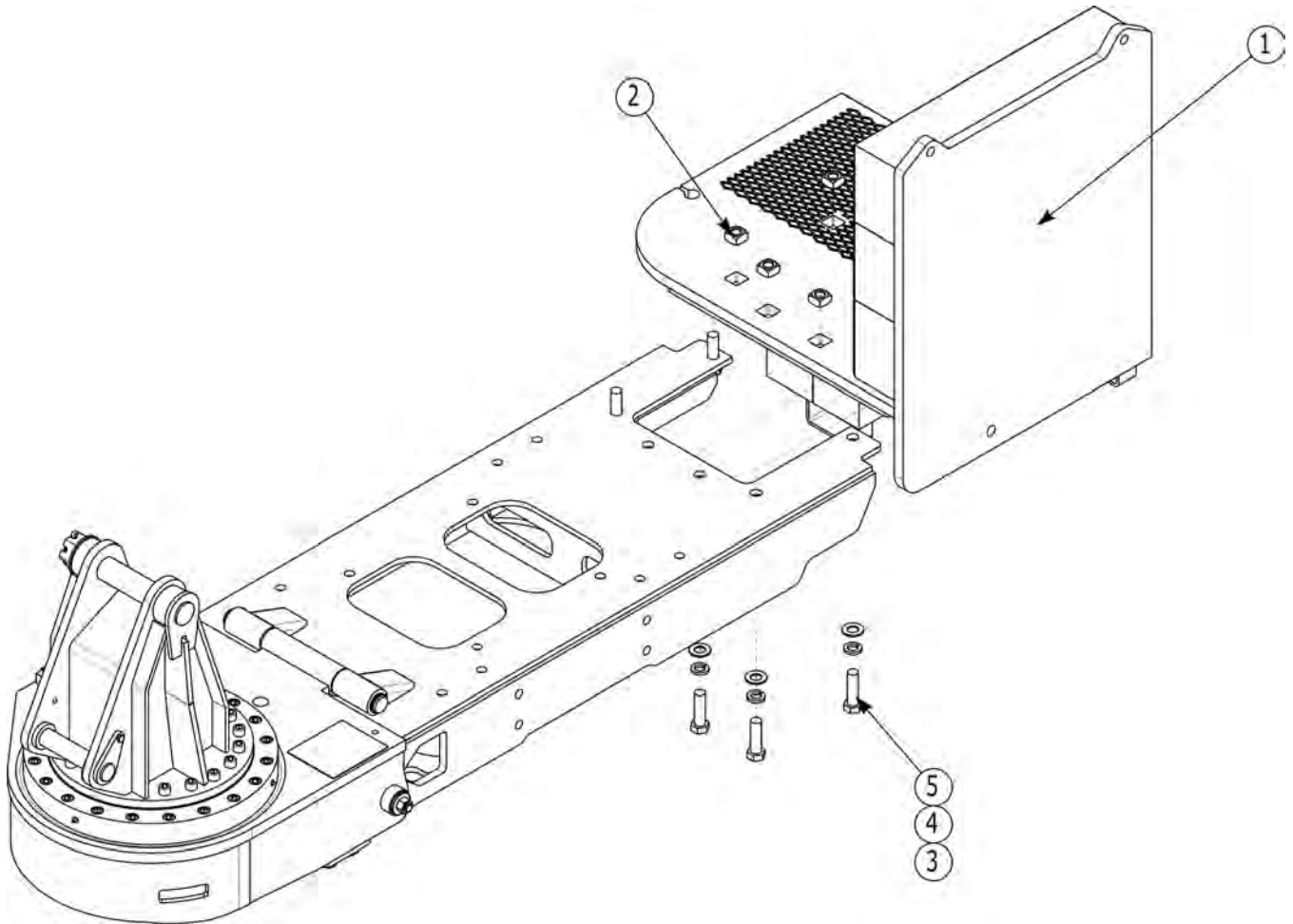
02995060 - Maverick 2 Boom 24-30 FT (08-06)_06-20 02-21

UNDER MOUNT COUNTER WEIGHT - CAST



ITEM	PART NO.	QTY.	DESCRIPTION
	02990295	1	INSTALLATION, CAST CWT UNDER MOUNT
1	02984840	1	COUNTERWEIGHT, CAST, BASE
2	02984839	1	COUNTERWEIGHT, CAST, UPRIGHT
3	02986323	5	HHCS 7/8" X 6" LG GR8
4	02989804	4	HHCS 7/8" X 3" LG PL8
5	00012300	5	NUT, 7/8 NC
6	02988205	4	NUT, SQUARE 7/8 GR5
7	00012200	9	HIGH ALLOY, L/W 7/8 YZ
8	00761535	14	WASHER 7/8 HARDENED

UNDER MOUNT COUNTER WEIGHT - WELDED



ITEM	PART NO.	QTY.	DESCRIPTION
	02990296	1	INSTALLATION, WLD CWT UNDER MOUNT
1	02990251	1	WLDMT, UM, CWT, CAST CNTRPRT
2	02988205	6	NUT, SQUARE 7/8 GR5
3	00761535	6	WASHER 7/8 HARDENED
4	00012200	6	HIGH ALLOY, L/W 7/8 YZ
5	02989804	6	HHCS 7/8" X 3" LG PL8

SECTION 90 ACCESSORIES

COMMON CRATE COMPONENTS

ITEM	PART NO.	QTY.	DESCRIPTION
1	02994920	1	ASY, COMPLETE HYD KIT, MAV2
2	00776031	1	CANISTER, PARTS MANUAL
3	02981822	1	WELDMENT,HOSE BRACKET, UM
4	02995058	1	ASY, MAV2 OPS & PARTS MANUAL
5	02995059	1	ASY, MAV2 CANISTER
6	02986130	1	CABLE, MANUAL CANISTER, 24" LG
7	02995061	1	KIT, DECAL, COMMON, MAV2
8	02995062	1	BOLT BAG, COMMON, MAV2
9	02994419	1	JOYSTICK, MAMP, MAVERICK
10	02994468	1	HARNESS, MAIN, MAVERICK
11	02995398	1	WLDMT, ANGLED HOSE GUIDE

ALAMO INDUSTRIAL

Limited Warranty

1. Limited Warranties

- 1.01. Alamo industrial warrants for one year from the purchase date to the original non-commercial, governmental, or municipal purchaser ("purchaser") and warrants for six months to the original commercial or industrial purchaser ("purchaser") that the goods purchased are free from defects in material or workmanship.
- 1.02. Manufacturer will replace for the purchaser any part or parts found, upon examination at one of its factories, to be defective under normal use and service due to defects in material or workmanship.
- 1.03. This limited warranty does not apply to any part of the goods which has been subjected to improper or abnormal use, negligence, alteration, modification, or accident, damaged due to lack of maintenance or use of wrong fuel, oil, or lubricants, or which has served its normal life. This limited warranty does not apply to any part of any internal combustion engine, or expendable items such as blades, shields, guards, or pneumatic tires except as specifically found in your operator's manual.
- 1.04. Except as provided herein, no employee, agent, dealer, or other person is authorized to give any warranties of any nature on behalf of manufacturer.

2. Remedies And Procedures

- 2.01. This limited warranty is not effective unless the purchaser returns the registration and warranty form to manufacturer within 30 days of purchase.
- 2.02. Purchaser claims must be made in writing to the authorized dealer ("dealer") from whom purchaser purchased the goods or an approved authorized dealer ("dealer") within 30 days after purchaser learns of the facts on which the claim is based.
- 2.03. Purchaser is responsible for returning the goods in question to the dealer.
- 2.04. If after examining the goods and/or parts in question, manufacturer finds them to be defective under normal use and service due to defects in material or workmanship, manufacturer will:
 - (A) repair or replace the defective goods or part(s) or
 - (B) reimburse purchaser for the cost of the part(s) and reasonable labor charges (as determined by manufacturer) if purchaser paid for the repair and/or replacement prior to the final determination of applicability of the warranty by manufacturer. The choice of remedy shall belong to manufacturer.
- 2.05. Purchaser is responsible for any labor charges exceeding a reasonable amount as determined by manufacturer and for returning the goods to the dealer, whether or not the claim is approved. Purchaser is responsible for the transportation cost for the goods or part(s) from the dealer to the designated factory.

3. Limitation Of Liability

- 3.01. Manufacturer disclaims any express (except as set forth herein) and implied warranties with respect to the goods including, but not limited to, merchantability and fitness for a particular purpose.
- 3.02. Manufacturer makes no warranty as to the design, capability, capacity, or suitability for use of the goods.
- 3.03. Except as provided herein, manufacturer shall have no liability or responsibility to purchaser or any other person or entity with respect to any liability, loss, or damage caused or alleged to be caused directly or indirectly by the goods including, but not limited to, any indirect, special, consequential, or incidental damages resulting from the use or operation of the goods or any breach of this warranty. Notwithstanding the above limitations and warranties, manufacturer's liability hereunder for damages incurred by purchaser or others shall not exceed the price of the goods.
- 3.04. No action arising out of any claimed breach of this warranty or transactions under this warranty may be brought more than two (2) years after the cause of action has occurred.

4. Miscellaneous

- 4.01. Proper venue for any lawsuits arising from or related to this limited warranty shall be only in Guadalupe county, Texas.
- 4.02. Manufacturer may waive compliance with any of the terms of this limited warranty, but no waiver of any terms shall be deemed to be a waiver of any other term.
- 4.03. If any provision of this limited warranty shall violate any applicable law and is held to be unenforceable, then the invalidity of such provision shall not invalidate any other provisions herein.
- 4.04. Applicable law may provide rights and benefits to purchaser in addition to those provided herein.

Keep for your records

Attention: Purchaser should fill in the blanks below for his reference when buying repair parts and/or for proper machine identification when applying for warranty.

Alamo Industrial Implement Model _____ Serial Number _____
Date Purchased _____ Dealer _____

Attention:
Read your operator's manual



ALAMO INDUSTRIAL
1502 E. Walnut
Seguin, Texas 78155
830-379-1480



TO THE OWNER/OPERATOR/DEALER

To keep your implement running efficiently and safely, read your manuals thoroughly and follow these directions and the Safety Messages in this Manual. The Table of Contents clearly identifies each section where you can easily find the information you need.

The OCCUPATIONAL SAFETY AND HEALTH ACT (1928.51 Subpart C) makes these minimum safety requirements of tractor operators:

REQUIRED OF THE OWNER

1. Provide a Roll-Over-Protective Structure that meets the requirements of this standard.
2. Provide seat belts that meet the requirements of this paragraph of this standard and SAE J4C.
3. Ensure that each employee uses such seat belt while the tractor is moving.
4. Ensure that each employee tightens the seat belt sufficiently to confine the employee to the protected area provided by the ROPS.

REQUIRED OF THE OPERATOR

1. Securely fasten seat belt if the tractor has a ROPS.
2. Where possible, avoid operating the tractor near ditches, embankments, and holes.
3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
4. Stay off slopes too steep for safe operation.
5. Watch where you are going, especially at row ends, on roads, and around trees.
6. Do not permit others to ride.
7. Operate the tractor smoothly, no jerky turns, starts, or stops.
8. Hitch only to the draw bar and hitch points recommended by the tractor manufacturer.
9. When the tractor is stopped, set brakes securely and use park lock, if available.



Keep children away from danger all day, every day...



Equip tractors with rollover protection (ROPS) and keep all machinery guards in place...



Please work, drive, play and live each day with care and concern for your safety and that of your family and fellow citizens.



BUILT SHARPER®

An Alamo Group Company

1502 E. Walnut St.
Seguin, Texas 78155



Sales and Marketing

Tel 800.882.5762 Fax 830.379.0864
support@alamo-industrial.com

Warranty Registration/Claims

www.alamoparts.com

Return Authorizations

Online Part Orders
Techical Information
www.alamoparts.com
Tel 800.356.6286 Fax 800.322.5141
www.alamo-industrial.com

