



High-Frame Rotary Boom

Rev 09-20

Part No. 32122166P

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.

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

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.
• Folding and Boom Mowers have raised center of gravity. Slow down when turning and on hillsides.

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.

CHANGE PAGES

[illegible]

CHANGE PAGES

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

PARTS ORDERING GUIDE

The following instructions are offered to help eliminate needless delay and error in processing purchase orders for the equipment in this section.

1. The Parts Section is prepared in logical sequence and grouping of parts that belong to the basic machine featured in this manual. Part Numbers and Descriptions are given to help locate the parts and quantities required.
2. The Purchase Order must include the name and address of the person or organization ordering the parts, who should be charged, and if possible, the serial number of the machine for which the parts are ordered.
3. The Purchase Order must clearly list the quantity of each part, the complete and correct part number (be sure to include all periods), and the basic name of the part.
4. The Manufacturer reserves the right to substitute parts where applicable.
5. Some parts are unlisted items which are special production items not normally stocked and are subject to special handling. Request a quotation for such parts before sending a Purchase Order.
6. The Manufacturer reserves the right to change prices without prior notice.

Note: *Please refer to The Safety Section in the front of this Manual for the proper part number when ordering replacement safety decals.*



For maximum safety and to guarantee optimum product reliability, always use genuine Alamo Industrial Parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death. Direct any questions regarding parts to:



ALAMO INDUSTRIAL

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

PART NAME INDEX

SECTION 10 - ROTARY HEAD.....	7
50 IN ROTARY BLADE BAR ASY - PN 02982906.....	8
50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 1) PN 32121491.....	10
50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 2) PN 32121491.....	12
50 IN ROTARY - BLADE PAN ASY - PN 02964457.....	14
50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 1) PN 32121492.....	16
50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 2) PN 32121492.....	18
50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 1) - PN 32121489.....	20
50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 2) - PN 32121489.....	22
50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 1) - PN 32121490.....	24
50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 2) - PN 32121490.....	26
50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986265.....	28
50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986265.....	30
50 IN ROTARY - BLADE PAN - HEAD SUB-ASY (SWIVEL MNT).....	32
60 IN ROTARY - BLADE BAR ASY.....	34
60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 1) PN 32121496.....	35
60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 2) PN 32121496.....	37
60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 1 PN 32121495.....	39
60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 2 PN 32121495.....	41
60 IN ROTARY - HEAD SUB-ASY (SWIVEL MNT).....	43
60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986264.....	45
60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986264.....	47
60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 1 PN 02986191.....	49
60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 2 PN 02986191.....	51
ROTARY - SPINDLE ASY.....	53
SECTION 20 - FLAIL HEADS.....	55
60 IN GRASS FLAIL HD -PISTON PN 02998978.....	56
ASY, BATTLE AXE CUTTERSHAFT PN 32121385.....	58
ASY, BATTLEAXE, 3T PISTON, PART 1 PN 02995188.....	59
ASY, BATTLEAXE, 3T PISTON, PART 2 PN 02995188.....	60
ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 1) PN 02995169.....	62
ASY BATTLEAXE, SUB ASSEMBLY, STD (PART 2) PN 02995169.....	64
48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (PART 1) - PN 02986254.....	66
48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (PART 2) - PN 02986254.....	68
48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT (PART 1) - PN 02986262.....	70
48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT (PART 2) - PN 02986262.....	72
48 IN FLAIL AXE HEAD ASY SWIVEL MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697.....	74
48 IN FLAIL AXE HEAD ASY SWIVEL MNT W EXT SHD CUTTER SHAFT (PART 2) - PN 02989697.....	76
48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 1).....	78
48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 2).....	80

PART NAME INDEX

48 IN FLAIL AXE - ASY, PISTON,SWIVEL SN MF48 01558 TO CURRENT (PART 1).....	82
48 IN FLAIL AXE - ASY, PISTON,SWIVEL SN MF48 01558 TO CURRENT (PART 2).....	84
48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 1).....	86
48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 2).....	88
SECTION 30 - BUZZ BARS.....	90
BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 1).....	91
BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 2).....	93
BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 1).....	95
BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 2).....	97
BUZZBAR ASY - 90 IN - 4 BLADES PN 02986245 (PART 1).....	99
BUZZBAR ASY - 90 IN - 4 BLADES PN 02986245 (PART 2).....	101
BUZZ BAR SPINDLE ASSEMBLY.....	103
SECTION 40 - DITCHERS.....	105
DITCHER ASSEMBLY (PART 1) PN 02988100.....	106
DITCHER ASSEMBLY (PART 2) PN 02988100.....	108
5 AND 7 FT TIMBERCAT ASSY (PART1).....	110
5 AND 7 FT TIMBERCAT ASSY (PART2).....	112
SECTION 50 - BOOMS.....	114
BOOM ASY - 18 FT BOOM (PART 1) PN 32121486.....	115
BOOM ASY - 18 FT BOOM (PART 2) PN 32121486.....	117
BOOM ASY - 22 FT BOOM (PART 1) PN 32121484.....	119
BOOM ASY - 22 FT BOOM (PART 2) PN 32121484.....	121
BOOM ASY - 25 FT BOOM (PART 1) PN 32121488.....	123
BOOM ASY - 25 FT BOOM (PART 2) PN 32121488.....	125
HOSE ROUTING - 18 FT BOOM.....	127
HOSE ROUTING - 18 FT BOOM NOTES.....	128
HOSE ROUTING - 22 FT BOOM.....	130
HOSE ROUTING - 22 FT BOOM NOTES.....	131
HOSE ROUTING - 25 FT BOOM.....	133
HOSE ROUTING - 25 FT BOOM NOTES.....	134
SECTION 60 - HYDRAULICS.....	136
HYDRAULIC TANK AND VALVE ASY (PART 1) P/N 32121478.....	137
HYDRAULIC TANK AND VALVE ASY (PART 2) P/N 32121478.....	139
FILTER ASY RETURN P/N 02996288.....	141
FILTER ASY - PRESSURE, VISUAL INDICATOR - PN 02994847.....	142
VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE MB3 P/N 32121472.....	144
HYDRAULIC CYLINDER ASY - SWING.....	146
HYDRAULIC CYLINDER ASY - TILT.....	147
HYDRAULIC CYLINDER ASY - SWIVEL HEAD.....	148

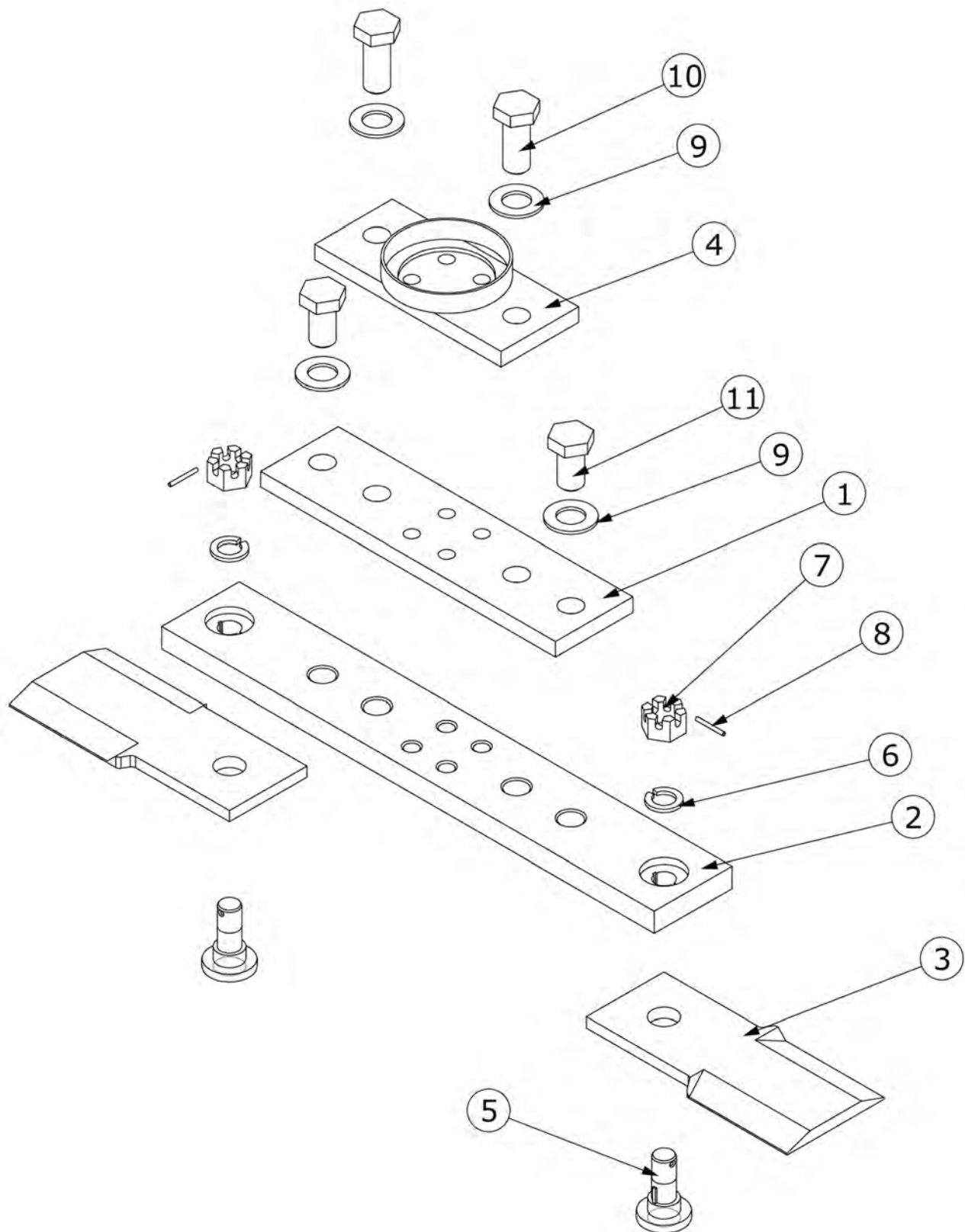
PART NAME INDEX

HYDRAULIC CYLINDER ASY - DIPPER 22-25 FT BOOM.....	149
HYDARULIC CYLINDER ASY - LIFT BOOM.....	150
PUMP-TANK-VALVE COVER.....	151
DOOR CYLINDER ASY.....	152
SECTION 70- CONTROLS.....	153
JOYSTICK CONSOLE ASY.....	154
WIRE HARNESS P/N 32121250.....	156
SECTION 80- FRAMES.....	157
HIGH FRAME MOUNT ASY - 2WD.....	158
HIGH FRAME MOUNT ASY - 4WD.....	160
HIGH FRAME MOUNT SUB-ASY.....	162
UNDERMOUNT ASSEMBLY MACHETE 3 P/N 32121620.....	164
SECTION 90 - ACCESSORIES.....	166
COMMON CRATE COMPONENTS.....	167
SWIVEL KIT INSTALL P/N 32121915.....	169
QUICK HITCH BOOM P/N 02989463.....	171

THIS PAGE INTENTIONALLY LEFT BLANK

SECTION 10 ROTARY HEADS

50 IN ROTARY BLADE BAR ASY - PN 02982906

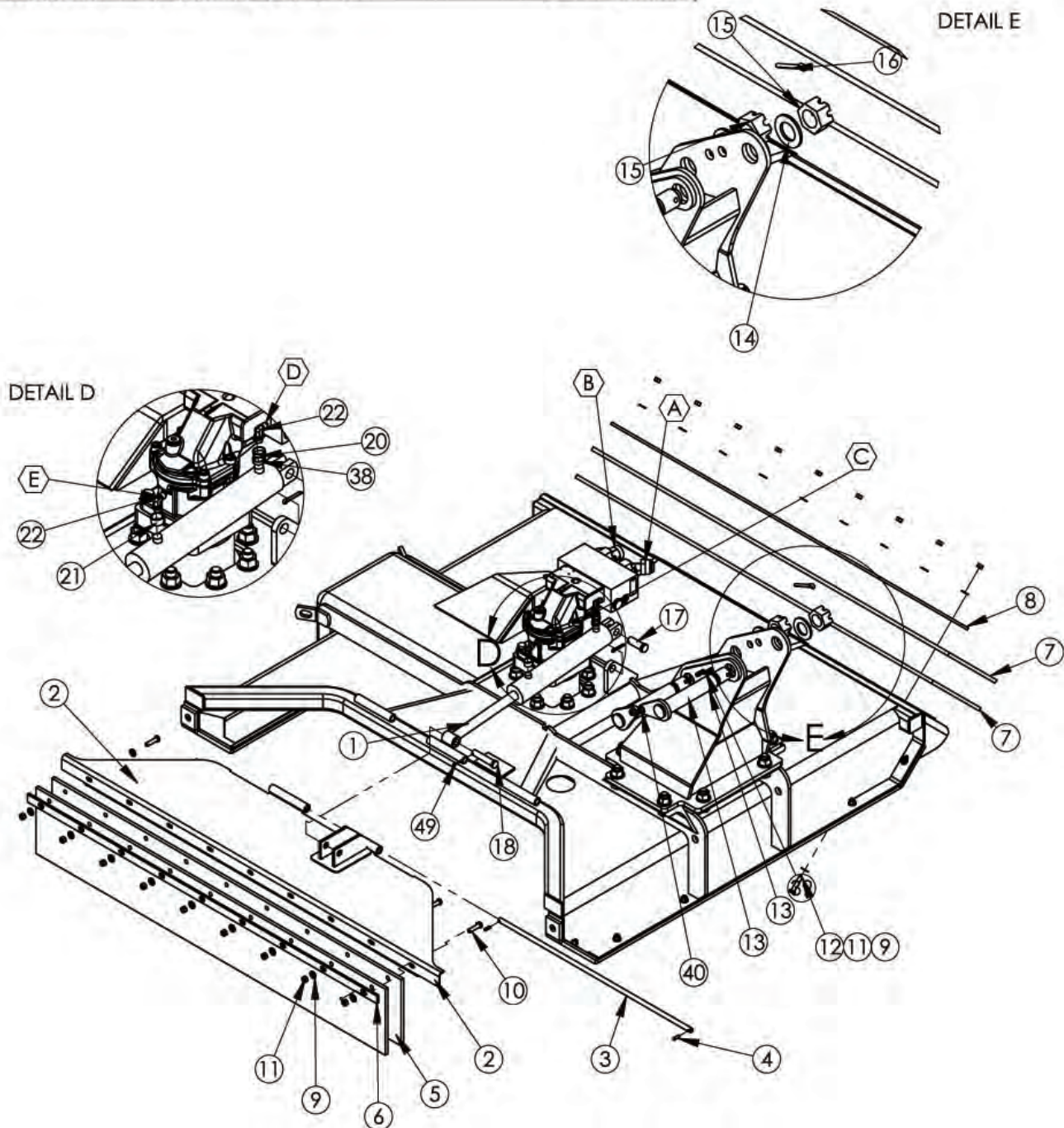


50 IN ROTARY BLADE BAR ASY - PN 02982906**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02982906	1	ASY, BLADE BAR W/BLADES
1	02982912	1	LEAF, MIDDLE, BLADE BAR
2	02982913	1	LEAF, BOTTOM, BLADE BAR
3	02962634	1	BLADE-MATCHED SET-50B/A HD
4	02982934	1	WLDMT. TOP BLADE BAR
5	02782900	2	BOLT, BLADE
6	02957089	2	LOCKWASHER 1-1/8 PL STD
7	00020900	2	NUT, SLOTTED, HVY,1-1/8NF PL GR5
8	00023200	2	PIN, ROLL, 3/16X1-3/4
9	15C2000	4	WASHER, 1.375 X 2.50 X .165, HARDENED
10	02969235	2	HHCS, 1-1/4X3 PL GR8
11	02969236	2	HHCS, 1-1/4X2-1/4 PL GR8

50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 1) PN 32121491

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02998561	Case Drain (Green)	C
02968877	Door Base (Yellow/White)	D
02968878	Door Rod (Yellow)	E



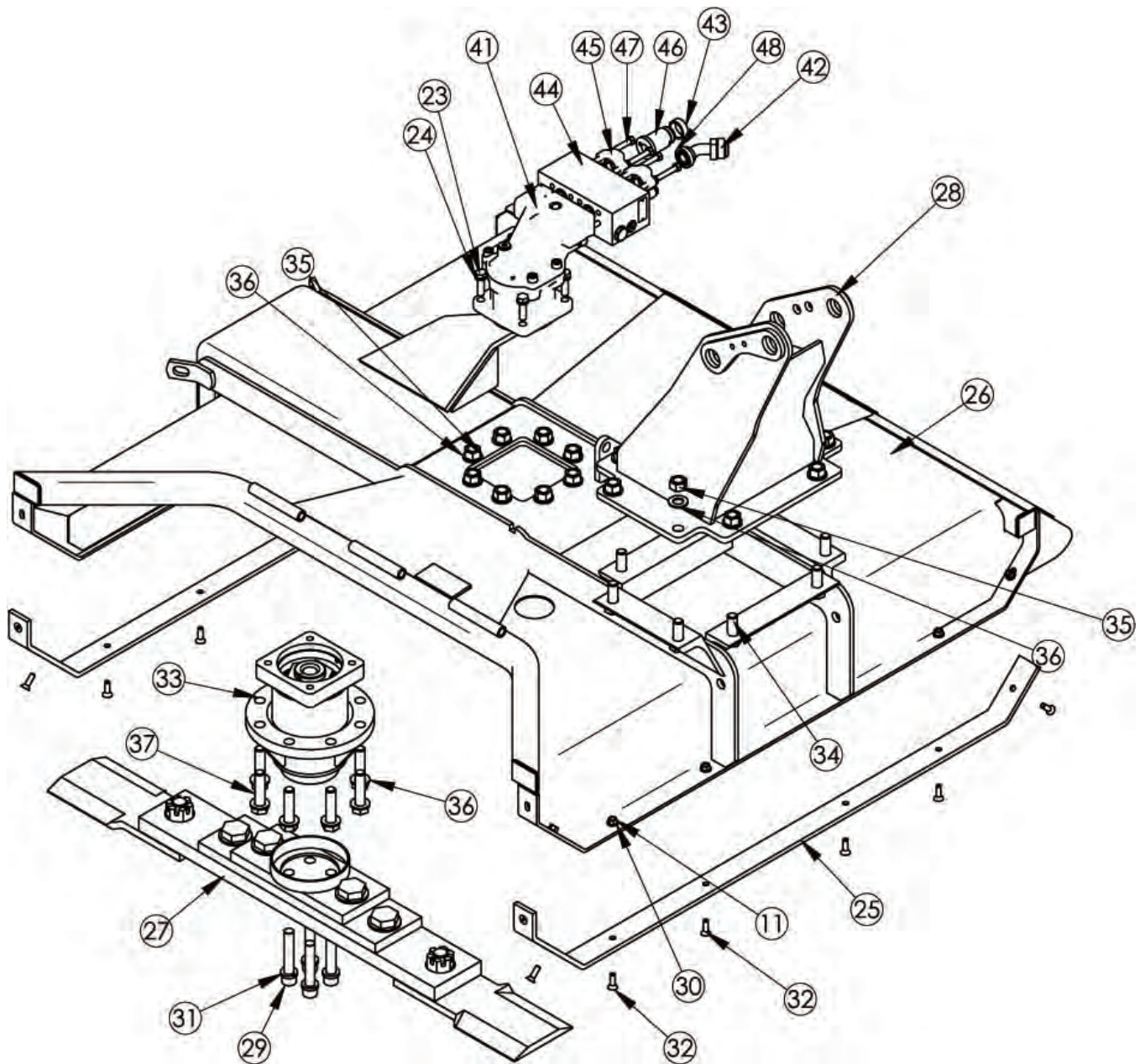
ITEM PART NO. QTY. DESCRIPTION

50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 1) PN 32121491

Continued...

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
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
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	02981757	2	WELDMENT, PIN, HITCH POST
14	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
15	02971701	2	NUT SLOT 1-3/8 12NF PLB
16	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
17	651102	1	PIN, DRILLED
18	02976448	1	PIN, 5/8 X 3 (EL 2-3/4)
19	00755153	1	PIN, COTTER 3/16 X 1-1/2 PLATED
20	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
21	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
22	02960018	2	ADP HYD ELBOW 4MB-4MJ90
38	02991555	1	VINYL TAPE WHITE 1/4" WIDE
39	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
40	02995908	2	NUT SPRLCK FLG 3/8-16 PL
49	00000400	1	PIN COTTER 1/8 X 1-1/2

50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 2) PN 32121491

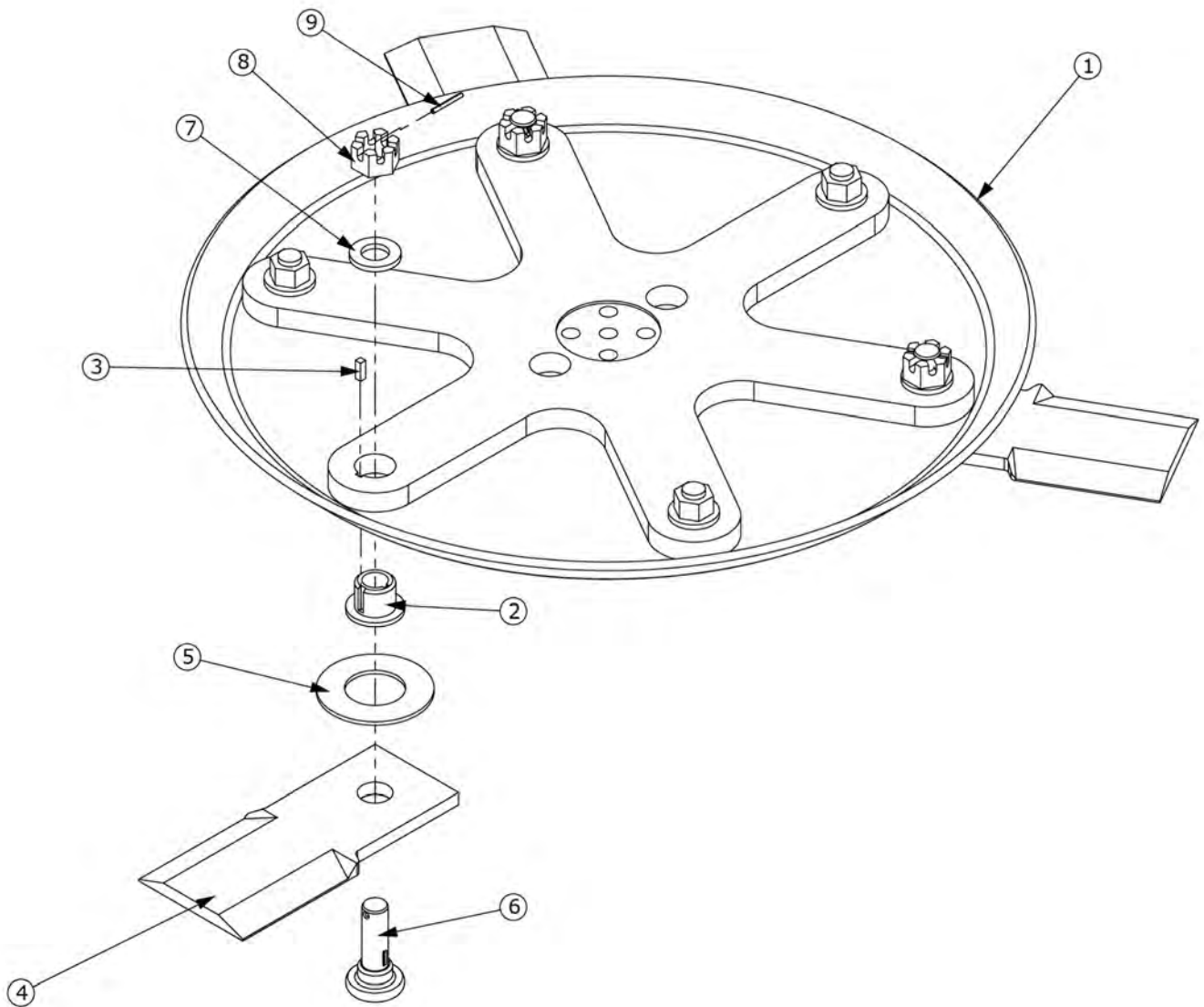


ITEM	PART NO.	QTY.	DESCRIPTION
23	02891800	4	HHCS 1/2 NC 1-3/4 PL8
24	00019600	4	LOCKWASHER, 1/2, HVY, PL
25	02982907	2	SKID SHOE 50
26	02981411	1	WELDMENT-50 HEAD DECK
27	02982906	1	ASY, BLADE BAR W/BLADES
28	02986200	1	WELDMENT, HITCHPOST
29	02964861	4	SHCS 3/4 NC 4 PL8
30	15B600	14	WASHER 3/8 SAE PLT
31	00003901	4	LOCKWASHER, 3/4, HVY, PL

50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT) (PART 2) PN 32121491**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
32	00059700	14	FSCS 3/8 NC 1-1/4
33	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
34	02918600	8	HEXB 3/4-10UNC 2 PL8
35	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
36	5312316	24	WASHER, HARDENED 3/4"
37	03200269	8	HHCS 3/4 NC 3 PL8
41	32121237	1	ASY, MOTOR, 80CC S70 PISTON
42	02968894	1	VINYL TAPE RED 1/2" WIDE
43	02968896	1	VINYL TAPE BLUE 1/2" WIDE
44	02998565	1	MANIFOLD, RELIEF, S70
45	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
46	02994987	1	HYD ADP 12FL-16MJ CODE 62
47	02779000	8	HHCS 3/8 NC 5-1/2 PL5
48	32120622	1	HYD ADP 12FL62-16MJ 45
49	00000400	1	PIN COTTER 1/8 X 1-1/2

50 IN ROTARY - BLADE PAN ASY - PN 02964457

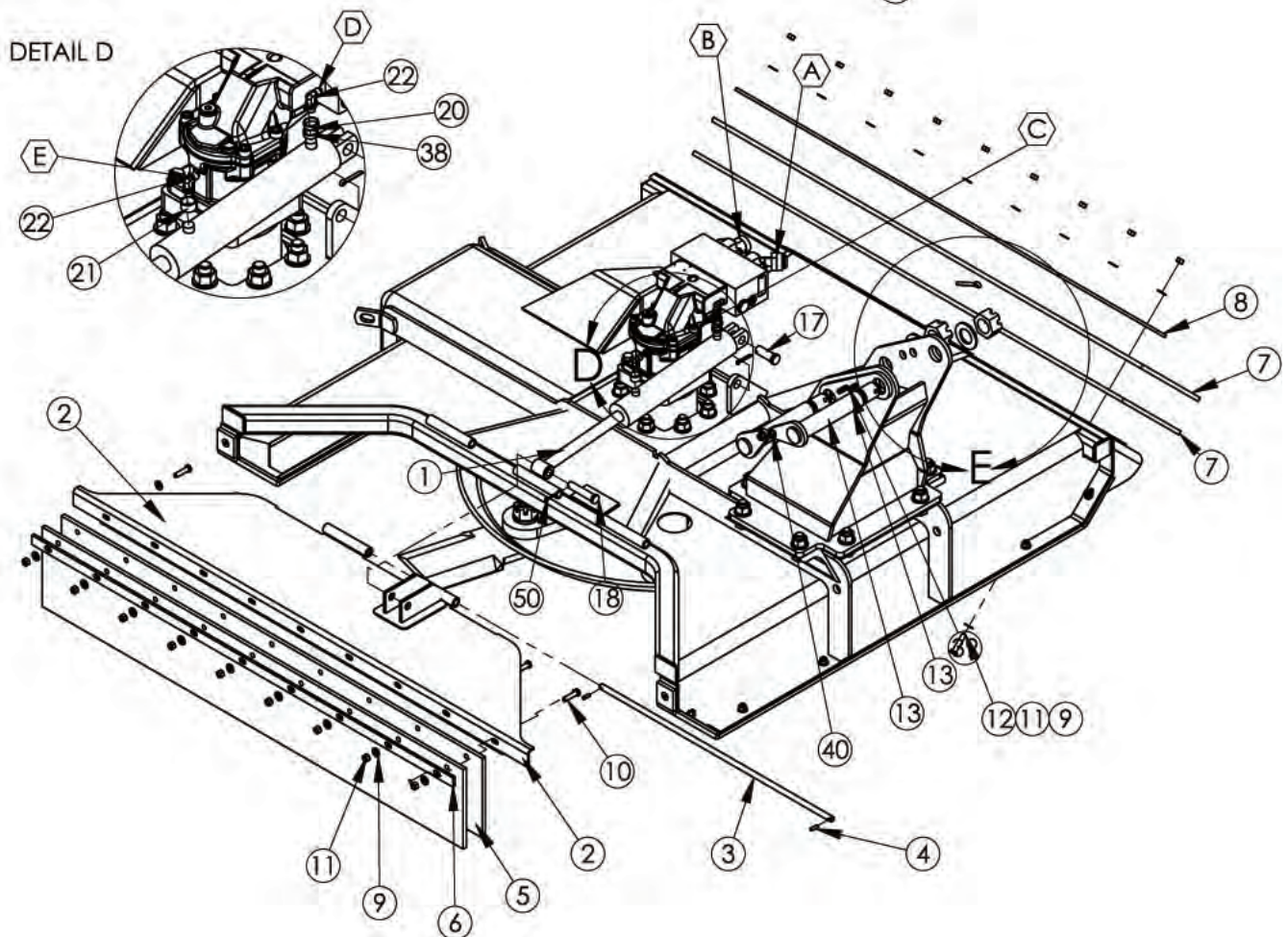
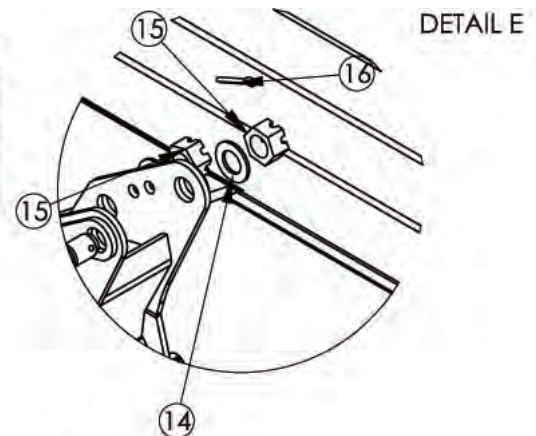


50 IN ROTARY - BLADE PAN ASY - PN 02964457**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02964457	1	PAN ASSEMBLY 50 A-BOOM
1	02964804	1	PAN ASSY
2	02964161	3	BUSHING,KEYED BLADE BOLT
3	02964954	3	KEY,5/16 SQ X 15/16 LONG
4	02962722	1	BLADES-SET OF 3(50B/A HEAD)
5	02965229	3	WASHER, 2-19/32 ID 5.0 OD 3/16
6	02964330	3	KEYED BLADE BOLT FOR
7	00755623	3	WASHER 2.200 OD1.218 1DX.250
8	00020900	3	NUT SLOT HVY 1-1/8 NF PL5
9	00023200	3	PIN ROLL 3/16X1-3/4

50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 1) PN 32121492

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02998561	Case Drain (Green)	C
02968877	Door Base (Yellow/White)	D
02968878	Door Rod (Yellow)	E

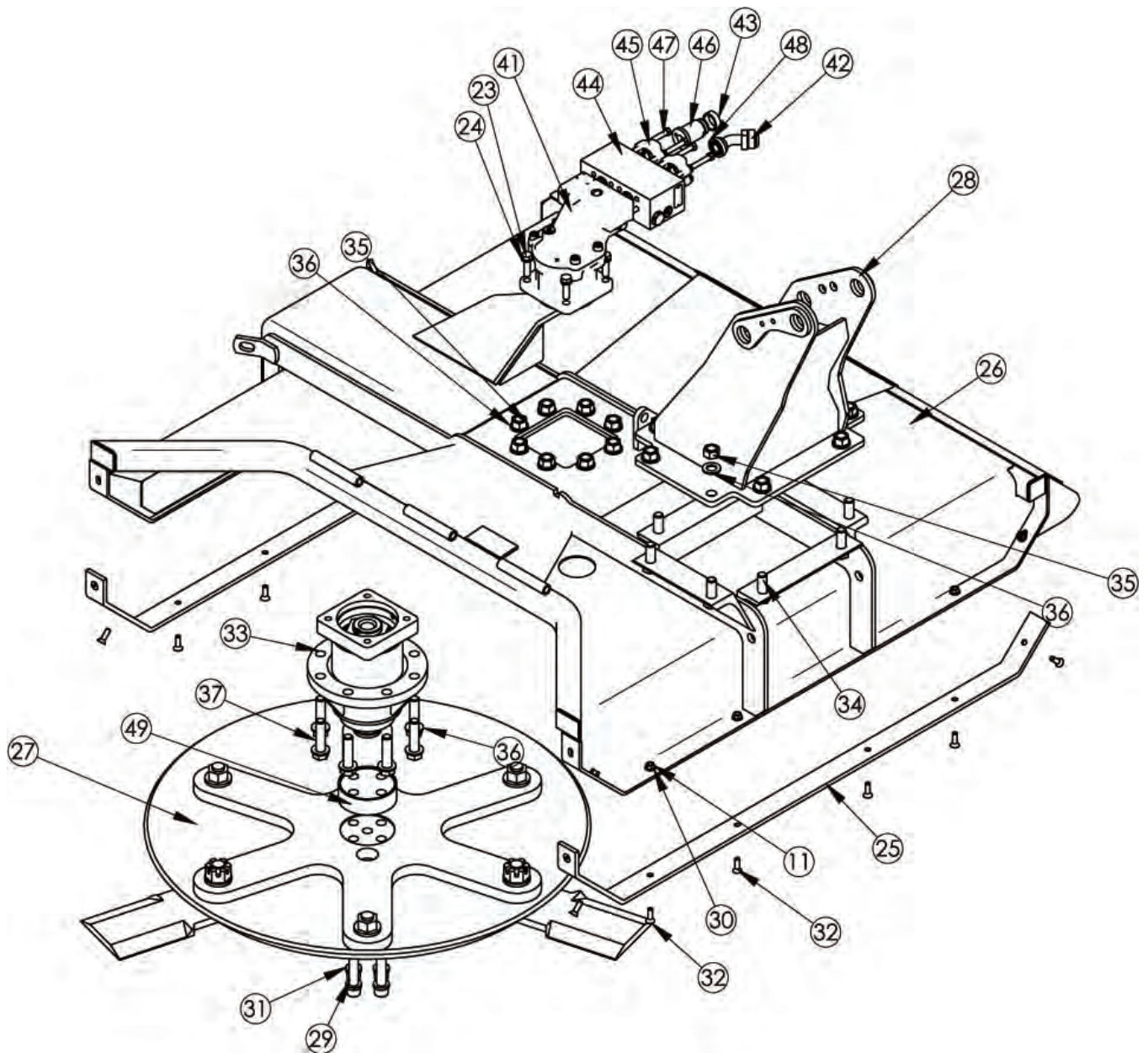


ITEM	PART NO.	QTY.	DESCRIPTION
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	02982914	1	WELDMENT, DOOR
3	02982915	1	ROD, HINGE
4	99338S	2	PIN ROLL 1/4 X 3/4
5	02982919	2	FLAP, 8 1/2 X 52 X 3/8 THK

50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 1) PN 32121492**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR
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	02981757	2	WELDMENT, PIN, HITCH POST
14	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
15	02971701	2	NUT SLOT 1-3/8 12NF PLB
16	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
17	651102	1	PIN, DRILLED
18	02976448	1	PIN,5/8 X 3 (EL 2-3/4)
19	00755153	1	PIN,COTTER 3/16 X 1-1/2 PLATED
20	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
21	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
22	02960018	2	ADP HYD ELBOW 4MB-4MJ90
38	02991555	1	VINYL TAPE WHITE 1/4" WIDE
39	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
40	02995908	2	NUT SPRLCK FLG 3/8-16 PL
50	00000400	1	PIN COTTER 1/8 X 1-1/2

50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 2) PN 32121492



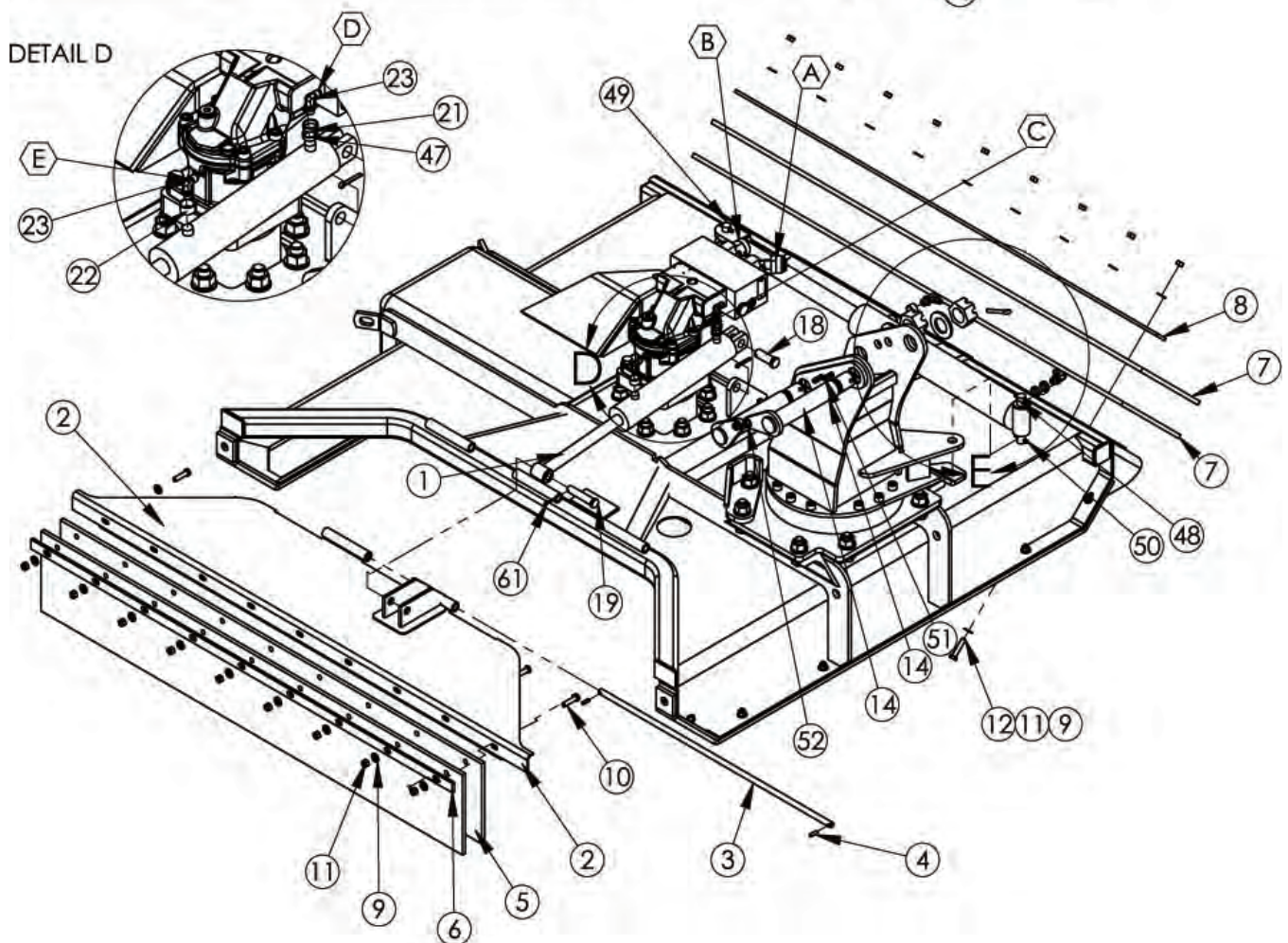
ITEM	PART NO.	QTY.	DESCRIPTION
23	02891800	4	HHCS 1/2 NC 1-3/4 PL8
24	00019600	4	LOCKWASHER, 1/2, HVY, PL
25	02982907	2	SKID SHOE 50
26	02981411	1	WELDMENT-50 HEAD DECK
27	02964457	1	PAN ASSEMBLY 50 A-BOOM
28	02986200	1	WELDMENT, HITCHPOST
29	02964861	4	SHCS 3/4 NC 4 PL8
30	15B600	14	WASHER 3/8 SAE PLT
31	00003901	4	LOCKWASHER, 3/4, HVY, PL

50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)(PART 2) PN 32121492**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
32	00059700	14	FSCS 3/8 NC 1-1/4
33	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
34	02918600	8	HEXB 3/4-10UNC 2 PL8
35	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
36	5312316	24	WASHER, HARDENED 3/4"
37	03200269	8	HHCS 3/4 NC 3 PL8
41	32121237	1	ASY, MOTOR, 80CC S70 PISTON
42	02968894	1	VINYL TAPE RED 1/2" WIDE
43	02968896	1	VINYL TAPE BLUE 1/2" WIDE
44	02998565	1	MANIFOLD, RELIEF, S70
45	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
46	02994987	1	HYD ADP 12FL-16MJ CODE 62
47	02779000	8	HHCS 3/8 NC 5-1/2 PL5
48	32120622	1	HYD ADP 12FL62-16MJ 45
49	02984822	1	SPACER,1 1/2 BLADE BAR

50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 1) - PN 32121489

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02998561	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



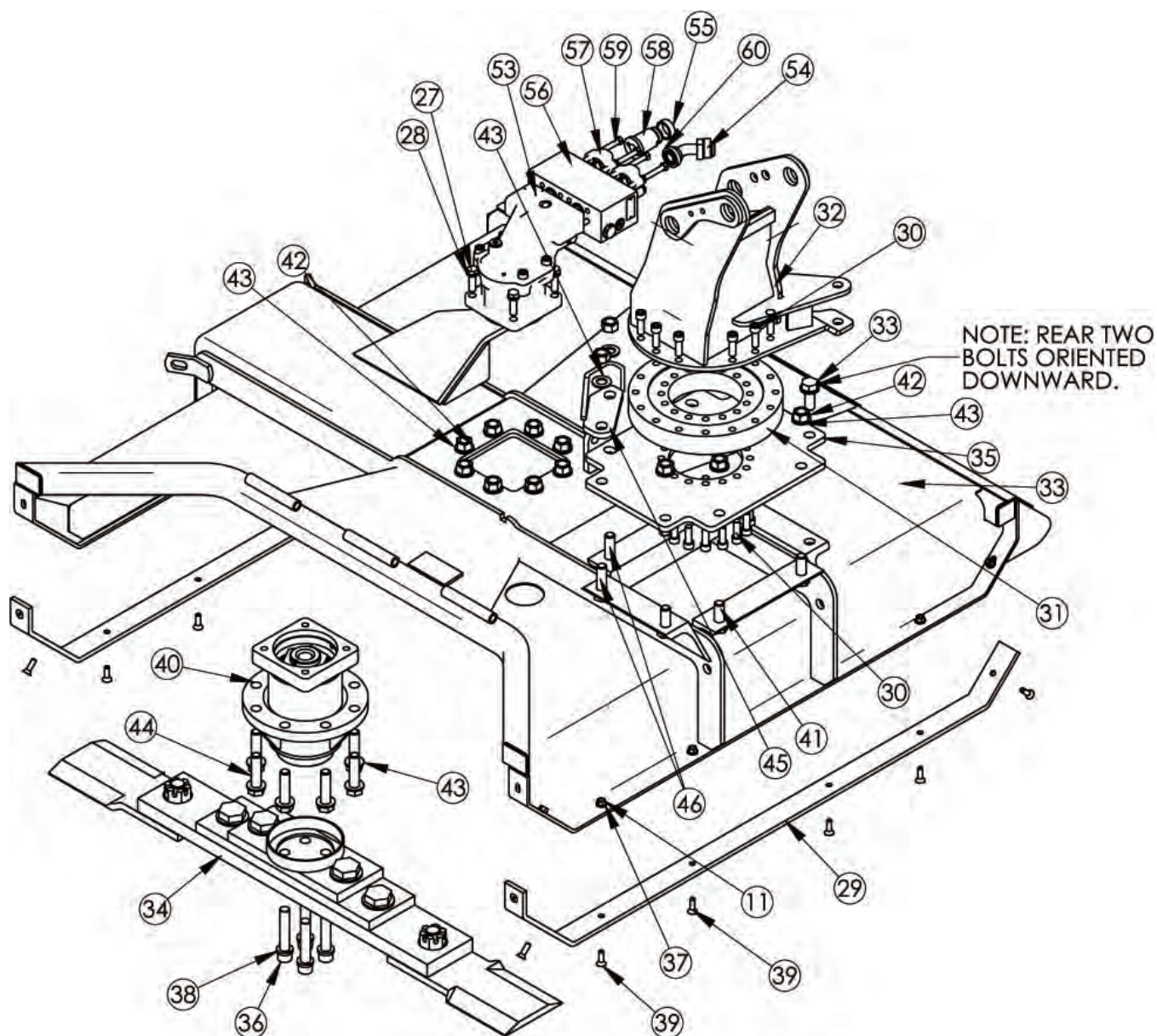
ITEM	PART NO.	QTY.	DESCRIPTION
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	02982914	1	WELDMENT, DOOR
3	02982915	1	ROD, HINGE
4	99338S	2	PIN ROLL 1/4 X 3/4

50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 1) - PN 32121489

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
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 3 (EL 2-3/4)
20	00755153	1	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
47	02991555	2	VINYL TAPE WHITE 1/4" WIDE
48	02995472	1	PIN, 3/4" X 4" U.L.
49	02995471	1	PIN, 3/4" X 1-7/8" U.L.
50	002416	4	ROLL PIN 1/4 X 1-1/2 LG
51	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
52	02995908	2	NUT SPRLCK FLG 3/8-16 PL
61	00000400	1	PIN COTTER 1/8 X 1-1/2

50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 2) - PN 32121489



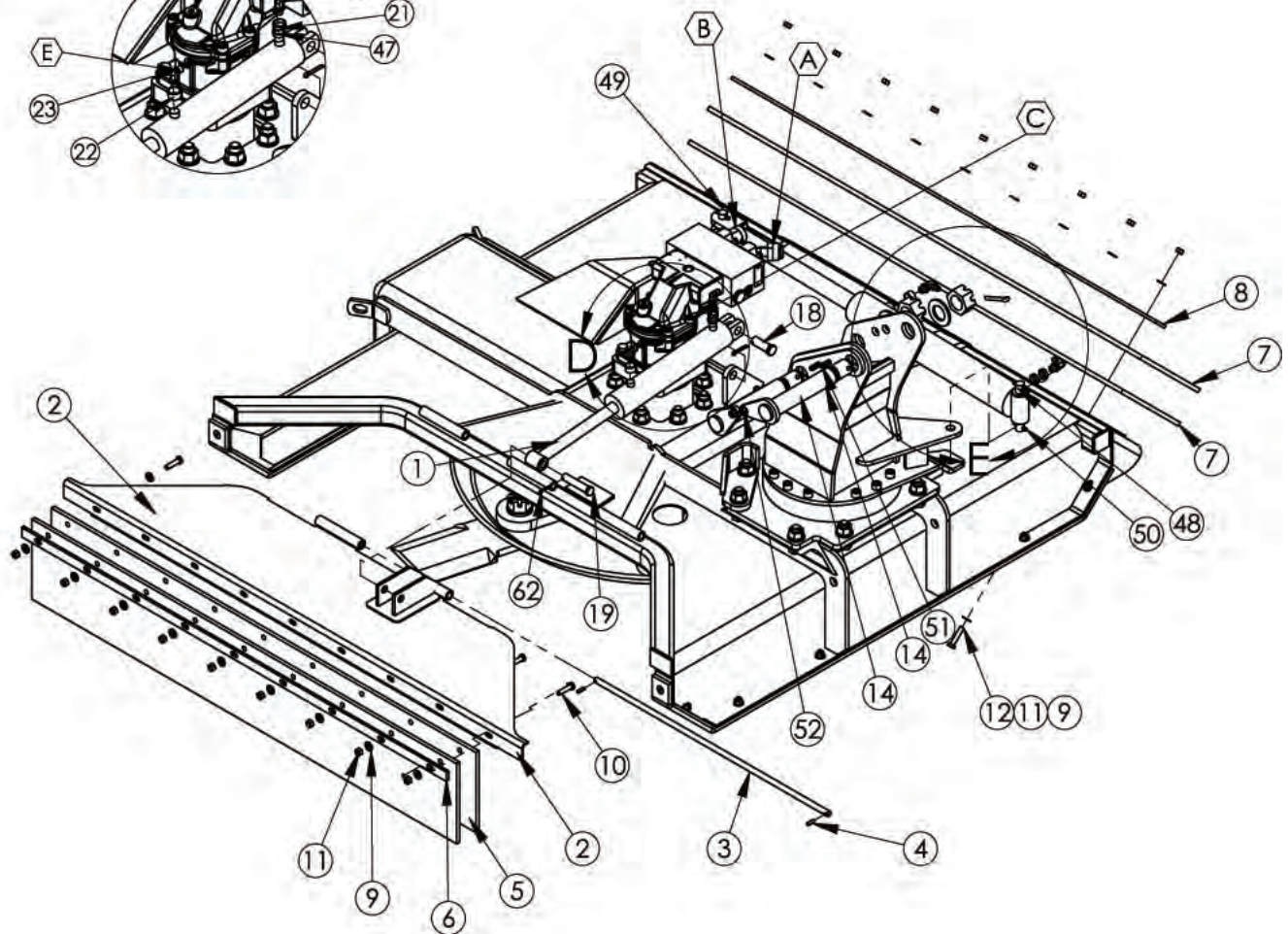
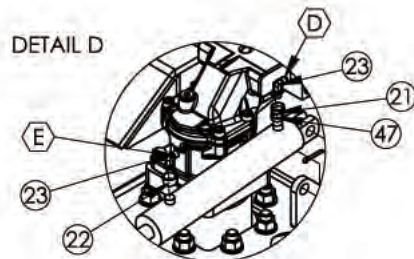
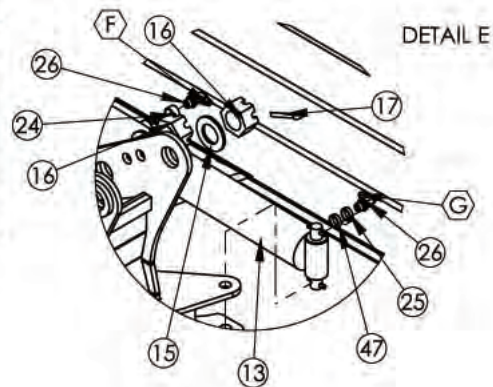
ITEM	PART NO.	QTY.	DESCRIPTION
27	02891800	4	HHCS 1/2 NC 1-3/4 PL8
28	00019600	4	LOCKWASHER, 1/2, HVY, PL
29	02982907	2	SKID SHOE 50
30	02981820	28	SHCS 1/2 NC 1-1/2 PL8
31	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
32	02985319	1	WELDMENT, HITCH POST
33	02981411	1	WELDMENT-50 HEAD DECK
34	02982906	1	ASY, BLADE BAR W/BLADES
35	02981752	1	PLATE, HITCH POST BOTTOM, MAV
36	02964861	4	SHCS 3/4 NC 4 PL8

50 IN ROTARY PISTON HEAD ASY - BAR (SWIVEL MNT) (PART 2) - PN 32121489**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
37	15B600	14	WASHER 3/8 SAE PLT
38	00003901	4	LOCKWASHER, 3/4, HVY, PL
39	00059700	14	FSCS 3/8 NC 1-1/4
40	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
41	02918600	6	HEXB 3/4-10UNC 2 PL8
42	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
43	5312316	24	WASHER, HARDENED 3/4"
44	03200269	8	HHCS 3/4 NC 3 PL8
45	02984002	1	WLDMNT, STOP SWIVEL
46	02963646	2	HHCS 3/4 NC 2-1/2 PL8
53	32121237	1	ASY, MOTOR, 80CC S70 PISTON
54	02968894	1	VINYL TAPE RED 1/2" WIDE
55	02968896	1	VINYL TAPE BLUE 1/2" WIDE
56	02998565	1	MANIFOLD, RELIEF, S70
57	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
58	02994987	1	HYD ADP 12FL-16MJ CODE 62
59	02779000	8	HHCS 3/8 NC 5-1/2 PL5
60	32120622	1	HYD ADP 12FL62-16MJ 45

50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 1) - PN 32121490

Hose Part Number	Description	Connection
02968874	Motor Pressure (Red)	A
02968875	Motor Return (Blue)	B
02998561	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

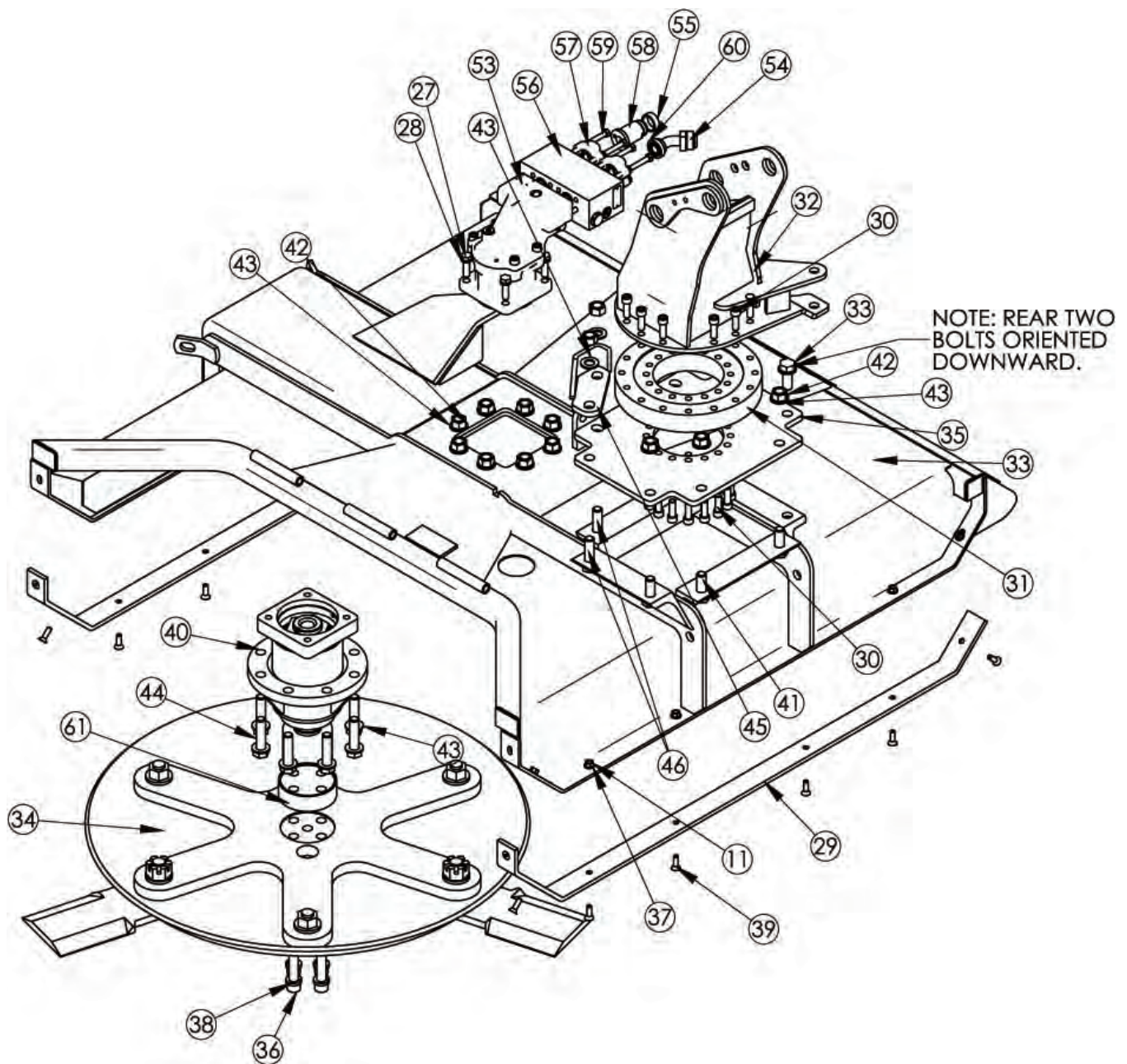


ITEM	PART NO.	QTY.	DESCRIPTION
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	02982914	1	WELDMENT, DOOR
3	02982915	1	ROD, HINGE
4	99338S	2	PIN ROLL 1/4 X 3/4

50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 1) - PN 32121490**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
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 3 (EL 2-3/4)
20	00755153	1	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
47	02991555	2	VINYL TAPE WHITE 1/4" WIDE
48	02995472	1	PIN, 3/4" X 4" U.L.
49	02995471	1	PIN, 3/4" X 1-7/8" U.L.
50	002416	4	ROLL PIN 1/4 X 1-1/2 LG
51	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
52	02995908	2	NUT SPRLCK FLG 3/8-16 PL
62	00000400	1	PIN COTTER 1/8 X 1-1/2

50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 2) - PN 32121490

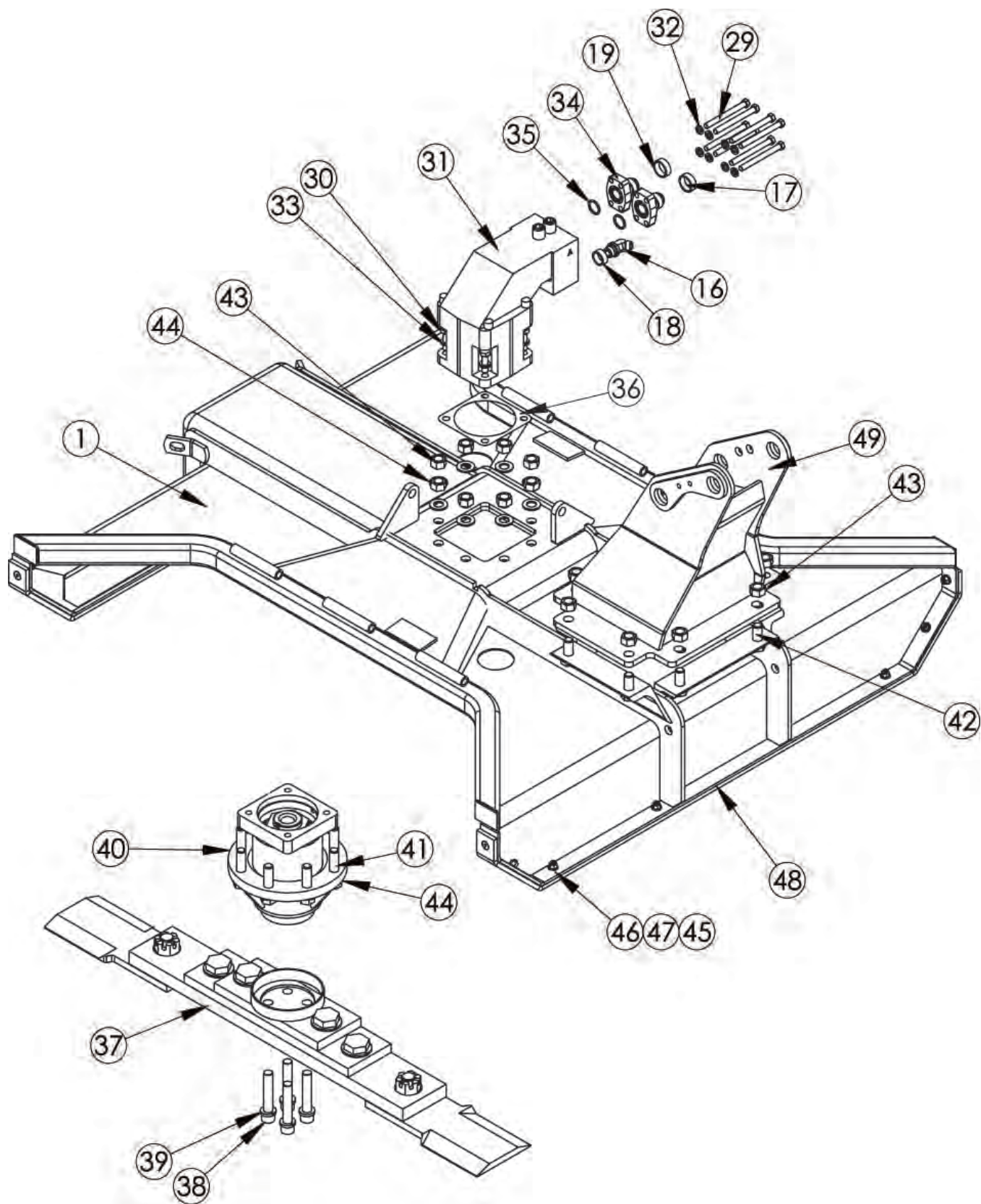


ITEM	PART NO.	QTY.	DESCRIPTION
27	02891800	4	HHCS 1/2 NC 1-3/4 PL8
28	00019600	4	LOCKWASHER, 1/2, HVY, PL
29	02982907	2	SKID SHOE 50
30	02981820	28	SHCS 1/2 NC 1-1/2 PL8
31	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
32	02985319	1	WELDMENT, HITCH POST
33	02981411	1	WELDMENT-50 HEAD DECK
34	02964457	1	PAN ASSEMBLY 50 A-BOOM

50 IN ROTARY PISTON HEAD ASY - PAN (SWIVEL MNT) (PART 2) - PN 32121490**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
35	02981752	1	PLATE, HITCH POST BOTTOM, MAV
36	02964861	4	SHCS 3/4 NC 4 PL8
37	15B600	14	WASHER 3/8 SAE PLT
38	00003901	4	LOCKWASHER, 3/4, HVY, PL
39	00059700	14	FSCS 3/8 NC 1-1/4
40	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
41	02918600	6	HEXB 3/4-10UNC 2 PL8
42	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
43	5312316	24	WASHER, HARDENED 3/4"
44	03200269	8	HHCS 3/4 NC 3 PL8
45	02984002	1	WLDMNT, STOP SWIVEL
46	02963646	2	HHCS 3/4 NC 2-1/2 PL8
53	32121237	1	ASY, MOTOR, 80CC S70 PISTON
54	02968894	1	VINYL TAPE RED 1/2" WIDE
55	02968896	1	VINYL TAPE BLUE 1/2" WIDE
56	02998565	1	MANIFOLD, RELIEF, S70
57	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
58	02994987	1	HYD ADP 12FL-16MJ CODE 62
59	02779000	8	HHCS 3/8 NC 5-1/2 PL5
60	32120622	1	HYD ADP 12FL62-16MJ 45
61	02984822	1	SPACER,1 1/2 BLADE BAR

50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986265

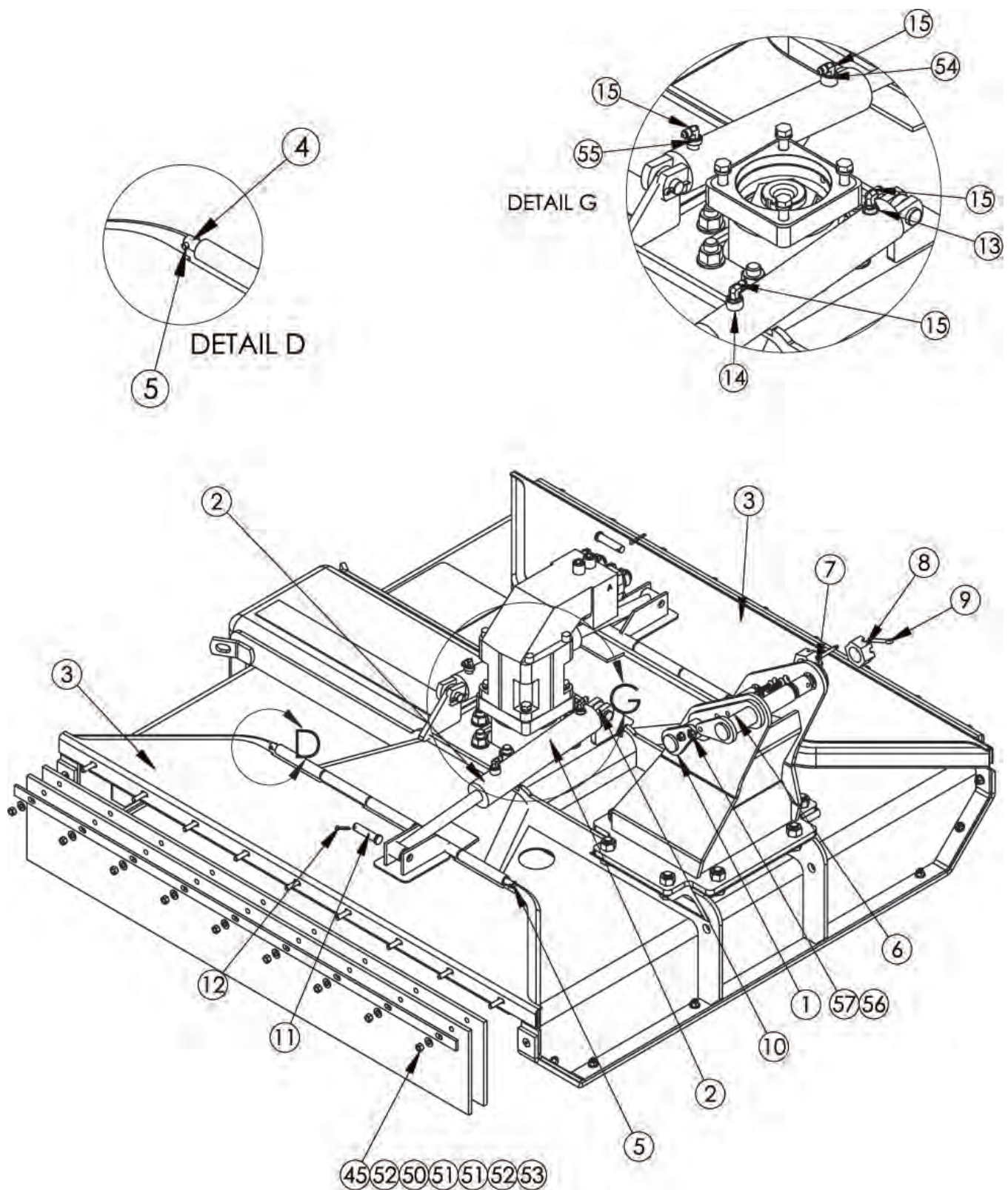


50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986265

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02984827	1	WLDMNT, DECK, 50 ROT, DBL DOOR
16	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG
17	02968894	1	VINYL TAPE RED 1/2" WIDE
18	02991249	1	VINYL TAPE GREEN 1/2" WIDE
19	02968896	1	VINYL TAPE BLUE 1/2" WIDE
29	02980236	8	HHCS 7/16-14NC 4-1/2 PL5
30	02891800	4	HHCS 1/2 NC 1-3/4 PL8
31	02979881	1	MOTOR PISTON 4.91 CID
32	00022200	8	HIGH ALLOY, L/W 7/16 YZ
33	00019600	4	LOCKWASHER, 1/2, HVY, PL
34	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
35	02980237	2	O-RING .139 DIA X 1.296 INSIDE
36		1	
37	02982906	1	ASY, BLADE BAR W/BLADES
38	02964861	4	SHCS 3/4 NC 4 PL8
39	00003901	4	LOCKWASHER, 3/4, HVY, PL
40	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
41	03200269	8	HHCS 3/4 NC 3 PL8
42	02963645	8	HHCS 3/4 NC 1-3/4 PL8
43	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
44	5312316	16	WASHER,HARDENED 3/4"
45	00015800	34	LOCKNUT TLM 3/8-NC PLC
46	00059700	16	FSCS 3/8 NC 1-1/4
47	15B600	16	WASHER 3/8 SAE PLT
48	02984831	2	SKID SHOE
49	02986200	1	WELDMENT, HITCHPOST

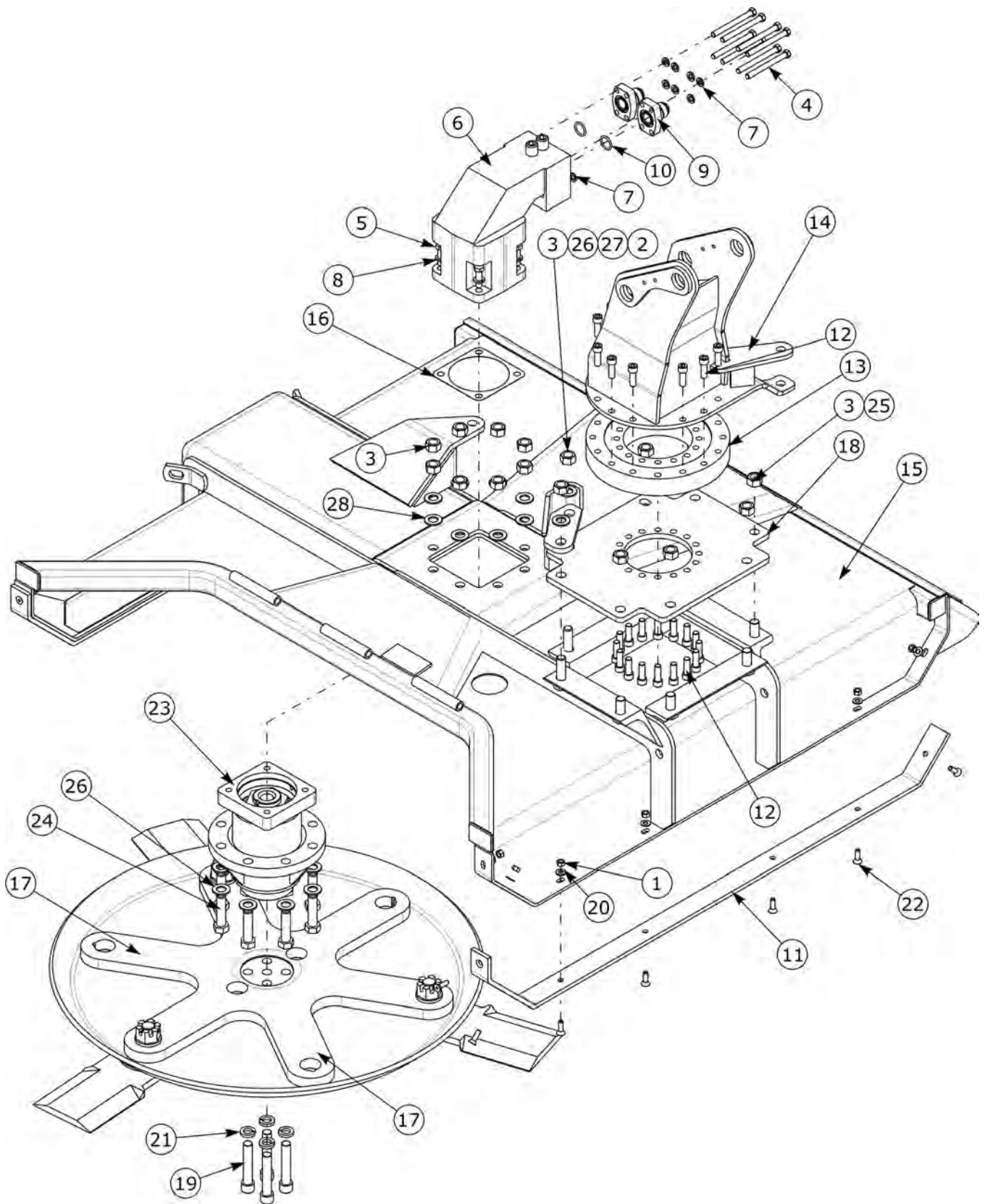
50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986265



50 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986265**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
2	02961480A	2	HYD CYLINDER 2BORE X 9-1/4
3	02982914	2	WELDMENT, DOOR
4	02982915	2	ROD, HINGE
5	99338S	4	PIN ROLL 1/4 X 3/4
6	02981757	2	WELDMENT, PIN, HITCH POST
7	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
8	02971701	2	NUT SLOT 1-3/8 12NF PLB
9	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
10	651102	2	PIN, DRILLED
11	02976448	2	PIN,5/8 X 2-1/2 DRILLED @
12	00755153	4	PIN,COTTER 3/16 X 1-1/2 PLATED
13	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
14	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
15	02960018	4	ADP HYD ELBOW 4MB-4MJ90
42	02963645	8	HHCS 3/4 NC 1-3/4 PL8
45	00015800	34	LOCKNUT TLM 3/8-NC PLC
50	02982918	2	BAR, HOLD DOWN, FLAP
51	02982919	4	FLAP, 8 1/2 X 52 X 3/8 THK
52	00011100	36	FLATWASHER STD 3/8 - PLATED
53	00023100	18	HHCS 3/8 -16UNC 1-1/2 PL5
54	02968832	1	VINYL TAPE GREEN 1/2" WIDE
55	02968833	1	VINYL TAPE GREEN 1/4" WIDE
56	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
57	02995908	2	NUT SPRLCK FLG 3/8-16 PL

50 IN ROTARY - BLADE PAN - HEAD SUB-ASY (SWIVEL MNT)

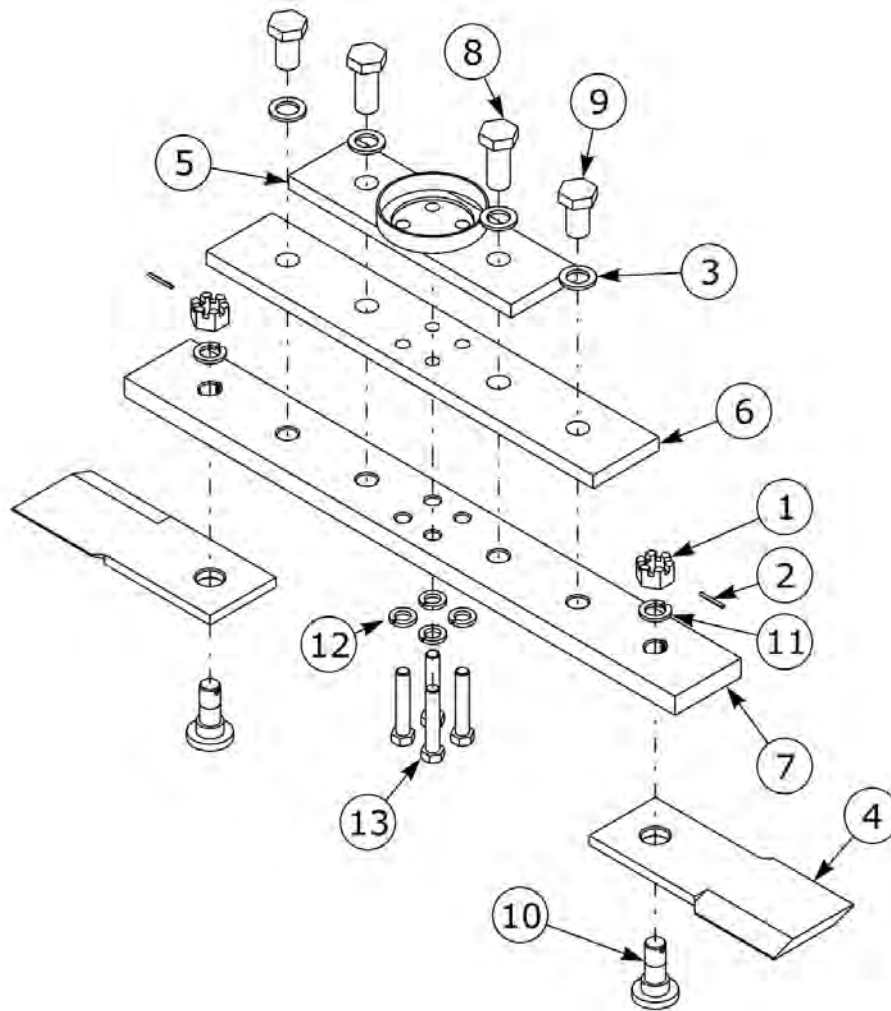


50 IN ROTARY - BLADE PAN - HEAD SUB-ASY (SWIVEL MNT)

Continued...

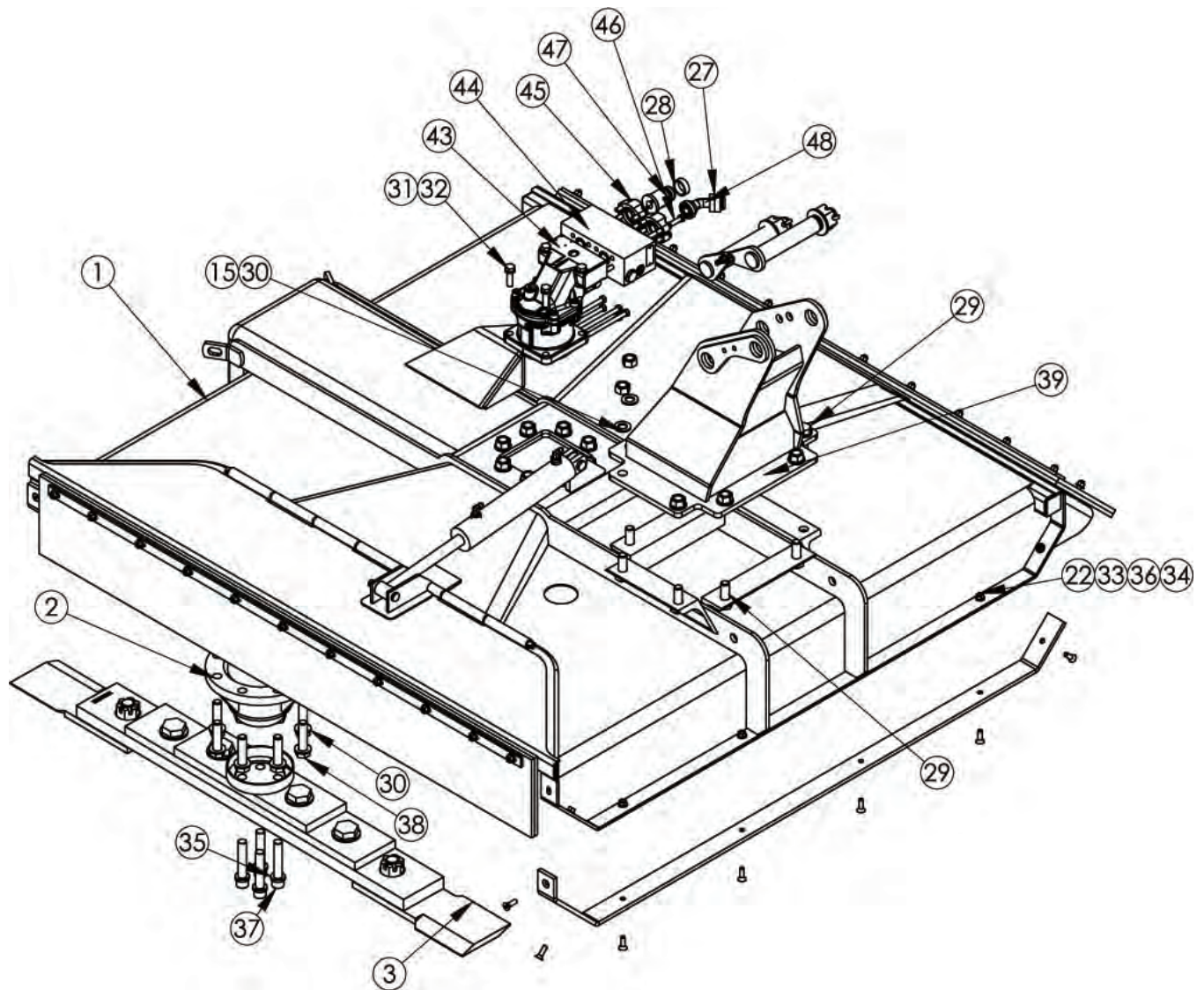
ITEM	PART NO.	QTY.	DESCRIPTION
	02986198	1	ASY, 50" ROT, PISTON, PAN,SW
1	00015800	34	LOCKNUT TLM 3/8 NC PLC
2	02963646	3	HHCS 3/4 NC 2-1/2 PL8
3	00037200	18	NUT 3/4 NC LOCKNUT
4	02980236	8	HHCS 7/16 NC X 4 1/2"LG PL5
5	02891800	4	HHCS 1/2 NC 1-3/4 PL8
6	02979881	1	MOTOR PISTON 4.91 CID
7	00022200	8	LOCKWASHER 7/16 PL
8	00019600	4	LOCKWASHER 1/2 HEAVY
9	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
10	02980237	2	O-RING .139 DIA X 1.296 INSIDE
11	02982907	2	SKID SHOE
12	02981820	28	SHCS 1/2 NC X 1 1/2" LG PL8
13	02981318	1	SLEWING BEARING, 12 OD X 5.8 ID
14	02985319	1	WELDMENT, HITCH POST
15	02981411	1	WELDMENT, DECK 50" HEAD
16		1	
17	02964804	1	PAN ASSY 50" HEAD
18	02981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
19	02964861	4	SHCS 3/4 NC 4" LG PL8
20	15B600	14	WASHER 3/8 SAE P
21	00003901	4	LOCKWASHER 3/4 HEAVY
22	00059700	14	FSCS 3/8 NC X 1-1/4
23	02968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
24	03200269	8	HHCS 3/4 NC 3 PL8
25	02963645	6	HHCS 3/4 NC 1-3/4 PL8
26	5312316	18	FLATWASHER 3/4 HARDENED
27	02984002	1	WLDMNT, STOP, SWIVEL

60 IN ROTARY - BLADE BAR ASY



ITEM	PART NO.	QTY.	DESCRIPTION
	02969230	1	BLADE BAR ASY, W/ BLADES
1	00020900	2	HEX SLOTTED NUT, HVY 1-1/8"-NF PL GR5
2	00023200	2	ROLL PIN, 3/16" X 1-3/4"
3	15C2000	4	WASHER, 1.375 X 2.50 X .165, HARDENED
4	02761500	1	BLADE SET, MATCHED SET OF TWO
5	02971387	1	LEAF BLADE BAR, TOP
6	02969232	1	LEAF BLADE BAR, MIDDLE
7	02969233	1	LEAF BLADE BAR, BOTTOM
8	02969235	2	BOLT, HEX HEAD 1-1/4"-NC X 3" PL GR8
9	02969236	2	BOLT, HEX HEAD 1-1/4"-NC X 2-1/4" PL GR8
10	02782900	2	BLADE BOLT, SHOULDERED
11	02957089	2	LOCKWASHER, 1-1/8" PL STD
12	00003901	4	LOCKWASHER, 3/4" PL HEAVY
13	02964861	4	BOLT, SOCKET HEAD 3/4"-NC X 4" PL GR8
14	02984572	1	BLADE BOLTS, NUTS, ROLLPIN KIT (INCLUDES 2 EACH OF ITEMS 1, 2, & 10)

60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 1) PN 32121496

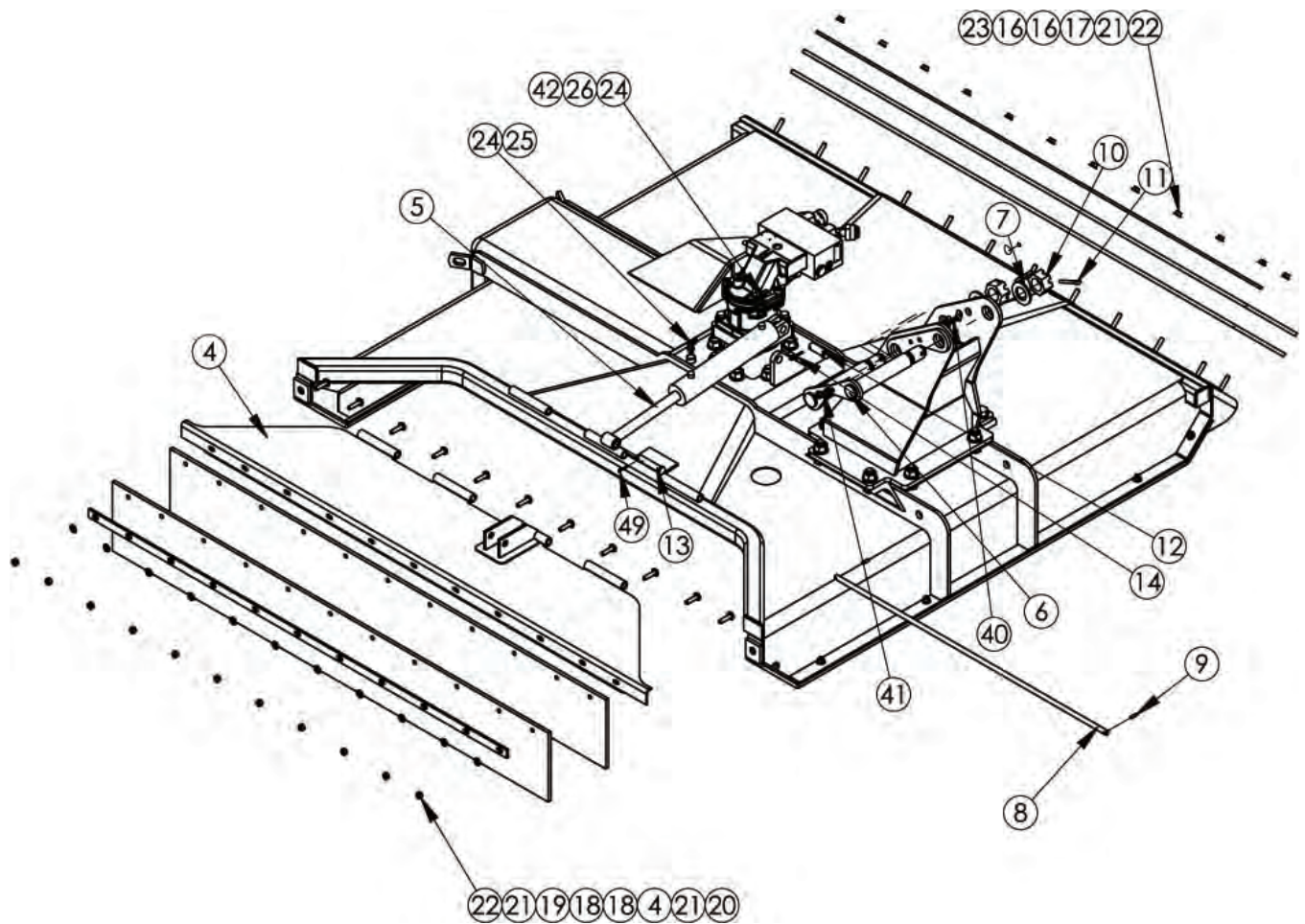


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981410	1	WELDMENT, 60 ROTARY, SWIVEL
2	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
3	02969230	1	ASY,BLADE BAR W/BLADES
15	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
27	02968894	1	VINYL TAPE RED 1/2" WIDE
28	02968896	1	VINYL TAPE BLUE 1/2" WIDE
29	02918600	8	HEXB 3/4-10UNC 2 PL8
30	5312316	24	WASHER, HARDENED 3/4"
31	00019600	4	LOCKWASHER, 1/2, HVY, PL
32	02891800	4	HHCS 1/2 NC 1-3/4 PL8
33	15B600	14	WASHER 3/8 SAE PLT
34	00059700	14	FSCS 3/8 NC 1-1/4

60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 1) PN 32121496**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
35	00003901	4	LOCKWASHER, 3/4, HVY, PL
36	02966899	2	SKID SHOE
37	02964861	4	SHCS 3/4 NC 4 PL8
38	03200269	8	HHCS 3/4 NC 3 PL8
39	02986200	1	WELDMENT, HITCHPOST
43	32121237	1	ASY, MOTOR, 80CC S70 PISTON
44	02998565	1	MANIFOLD, RELIEF, S70
45	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
46	02779000	8	HHCS 3/8 NC 5-1/2 PL5
47	02994987	1	HYD ADP 12FL-16MJ CODE 62
48	32120622	1	HYD ADP 12FL62-16MJ 45

60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 2) PN 32121496

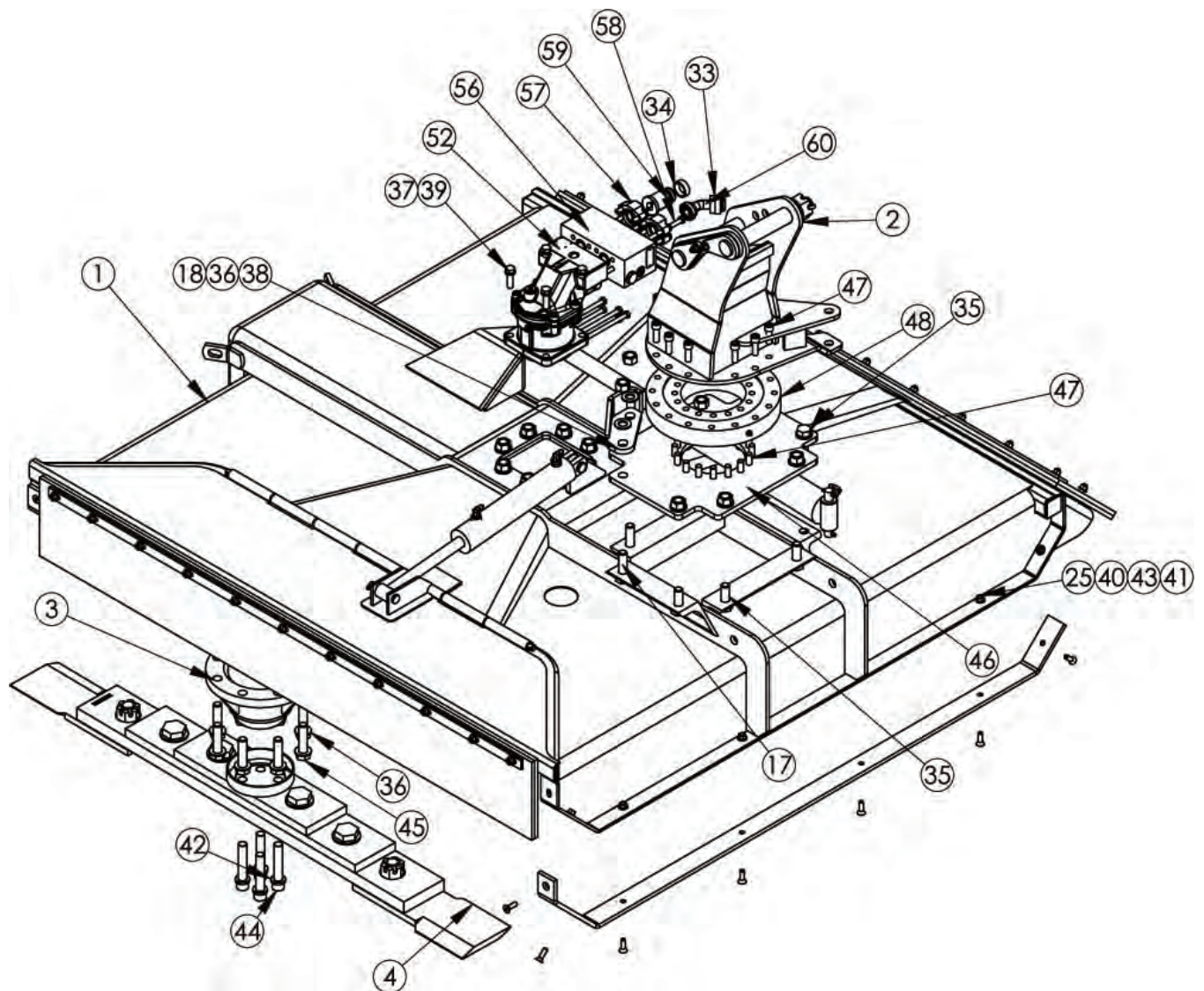


ITEM	PART NO.	QTY.	DESCRIPTION
4	02971963	1	WELDMENT, DOOR
5	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
6	02981757	2	WELDMENT, PIN, HITCH POST
7	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
8	02967782	1	ROD-HINGE
9	99338S	2	PIN ROLL 1/4 X 3/4
10	02971701	2	NUT SLOT 1-3/8 12NF PLB
11	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
12	651102	1	PIN, DRILLED
13	02976448	1	PIN, 5/8 X 3 (EL 2-3/4)
14	00755153	1	PIN, COTTER 3/16 X 1-1/2 PLATED
16	02885700	2	REAR FLAP 10 X 63 X 3/8 THK
17	02885800	1	REAR CLAMP BAR
18	00759862	2	SHIELD-DEBRIS DEFLECTOR REAR C
19	00756875	1	FLAP HOLD DOWN BAR
20	00023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
21	00011100	46	FLATWASHER STD 3/8 - PLATED

60 IN ROTARY - HEAD ASY PISTON W/BAR (SOLID MNT) (PART 2) PN 32121496**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
22	00015800	37	LOCKNUT TLM 3/8-NC PLC
23	00007000	12	BOLT 3/8NC X 1-3/4 PL5
24	02960018	2	ADP HYD ELBOW 4MB-4MJ90
25	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
26	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
40	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
41	02995908	2	NUT SPRLCK FLG 3/8-16 PL
42	02991555	1	VINYL TAPE WHITE 1/4" WIDE
49	00000400	1	PIN COTTER 1/8 X 1-1/2

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 1 PN 32121495

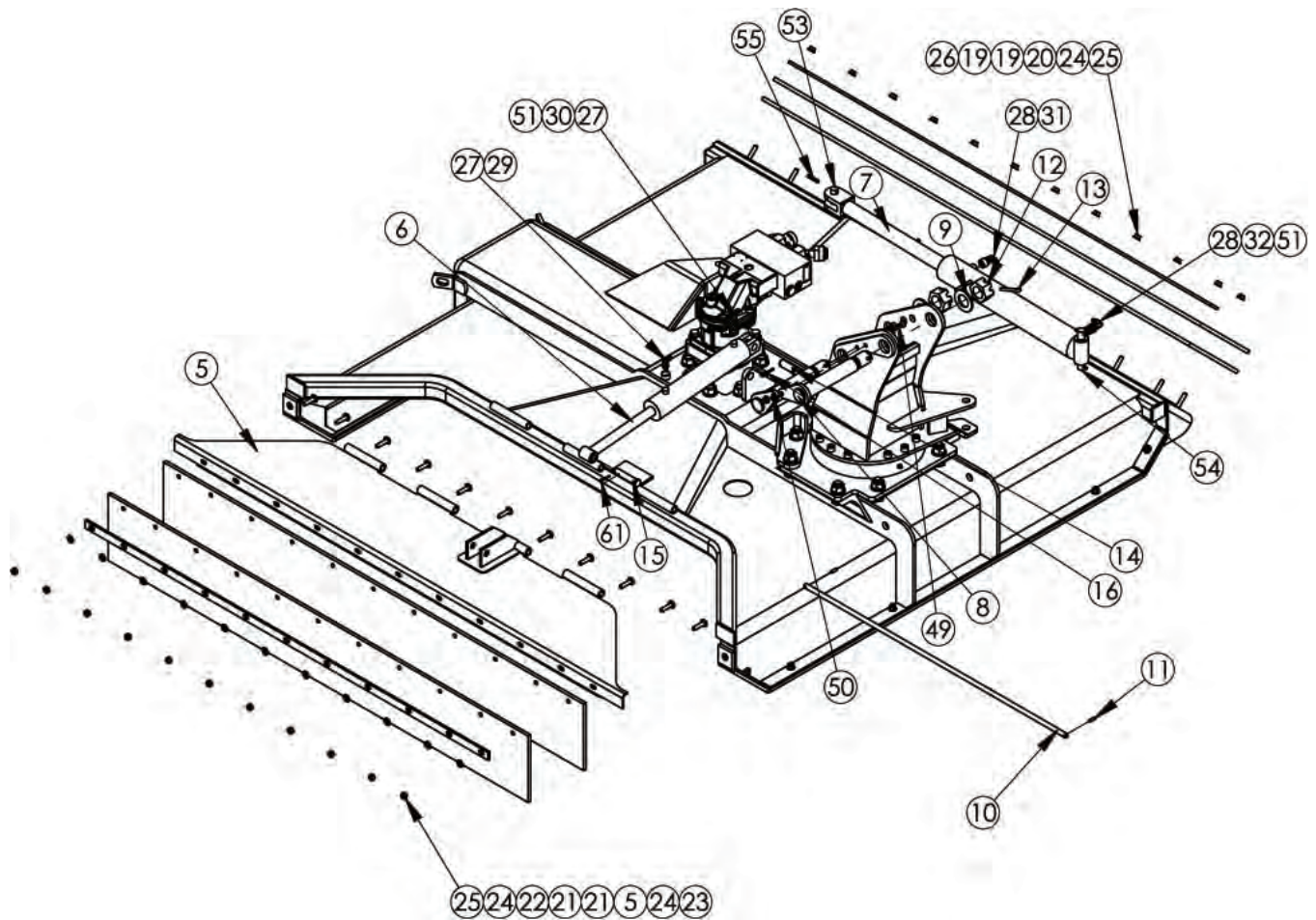


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981410	1	WELDMENT, 60 ROTARY, SWIVEL
2	02985319	1	WELDMENT, HITCH POST
3	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
4	02969230	1	ASY,BLADE BAR W/BLADES
17	02963646	2	HHCS 3/4 NC 2-1/2 PL8
18	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
33	02968894	1	VINYL TAPE RED 1/2" WIDE
34	02968896	1	VINYL TAPE BLUE 1/2" WIDE
35	02918600	6	HEXB 3/4-10UNC 2 PL8
36	5312316	24	WASHER, HARDENED 3/4"
37	00019600	4	LOCKWASHER, 1/2, HVY, PL
38	02984002	1	WLDMNT, STOP SWIVEL

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 1 PN 32121495**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
39	02891800	4	HHCS 1/2 NC 1-3/4 PL8
40	15B600	14	WASHER 3/8 SAE PLT
41	00059700	14	FSCS 3/8 NC 1-1/4
42	00003901	4	LOCKWASHER, 3/4, HVY, PL
43	02966899	2	SKID SHOE
44	02964861	4	SHCS 3/4 NC 4 PL8
45	03200269	8	HHCS 3/4 NC 3 PL8
46	02981752	1	PLATE, HITCH POST BOTTOM, MAV
47	02981820	28	SHCS 1/2 NC 1-1/2 PL8
48	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
52	32121237	1	ASY, MOTOR, 80CC S70 PISTON
56	02998565	1	MANIFOLD, RELIEF, S70
57	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
58	02779000	8	HHCS 3/8 NC 5-1/2 PL5
59	02994987	1	HYD ADP 12FL-16MJ CODE 62
60	32120622	1	HYD ADP 12FL62-16MJ 45
61	00000400	1	PIN COTTER 1/8 X 1-1/2

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 2 PN 32121495

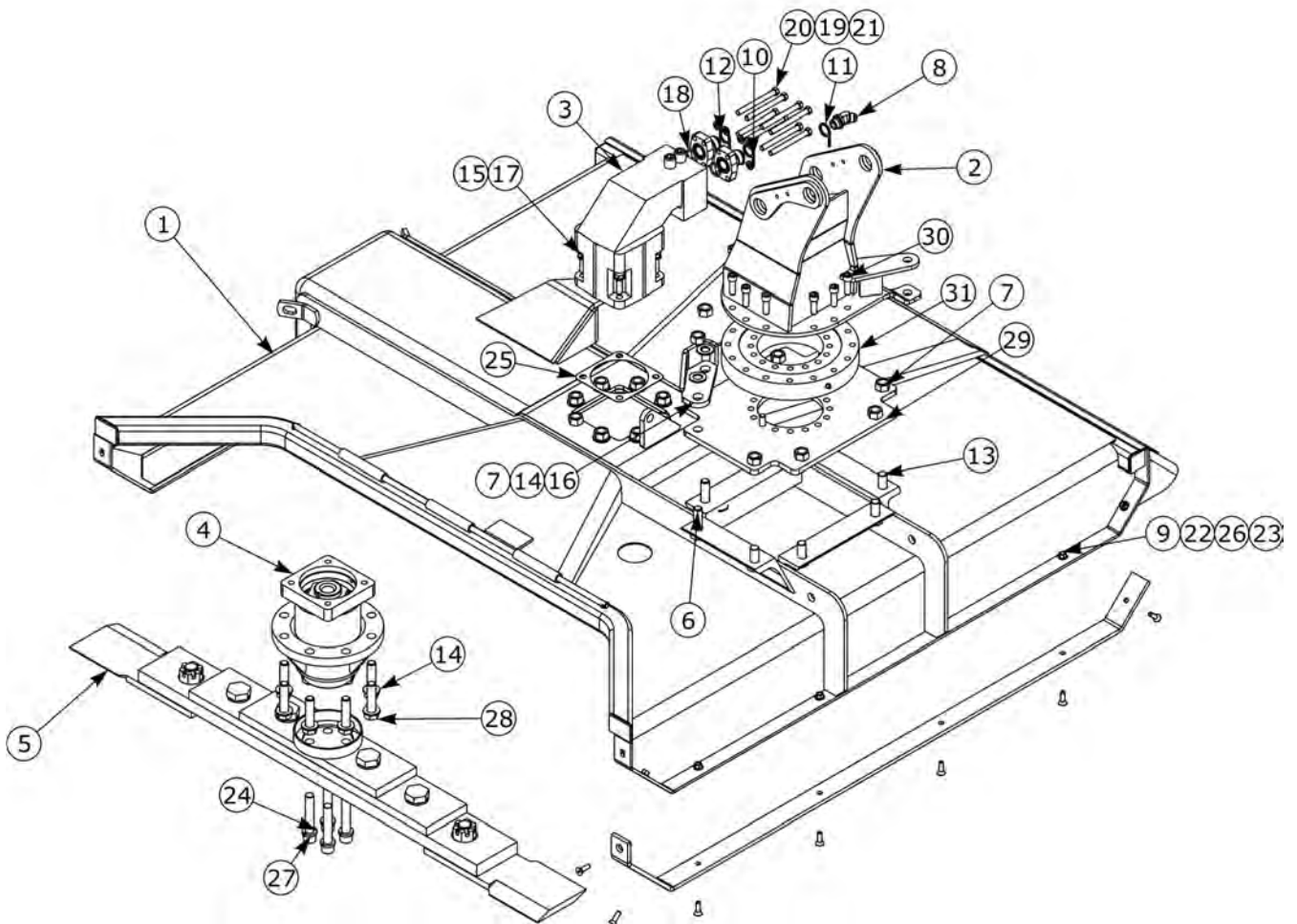


ITEM	PART NO.	QTY.	DESCRIPTION
5	02971963	1	WELDMENT, DOOR
6	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
7	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
8	02981757	2	WELDMENT, PIN, HITCH POST
9	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
10	02967782	1	ROD-HINGE
11	99338S	2	PIN ROLL 1/4 X 3/4
12	02971701	2	NUT SLOT 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 3 (EL 2-3/4)
16	00755153	1	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
23	00023100	11	HHCS 3/8 -16UNC 1-1/2 PL5

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) PART 2 PN 32121495**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
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
49	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
50	02995908	2	NUT SPRLCK FLG 3/8-16 PL
51	02991555	2	VINYL TAPE WHITE 1/4" WIDE
53	02995471	1	PIN, 3/4" X 1-7/8" U.L.
54	02995472	1	PIN, 3/4" X 4" U.L.
55	002416	4	ROLL PIN 1/4 X 1-1/2 LG
61	00000400	1	PIN COTTER 1/8 X 1-1/2

60 IN ROTARY - HEAD SUB-ASY (SWIVEL MNT)

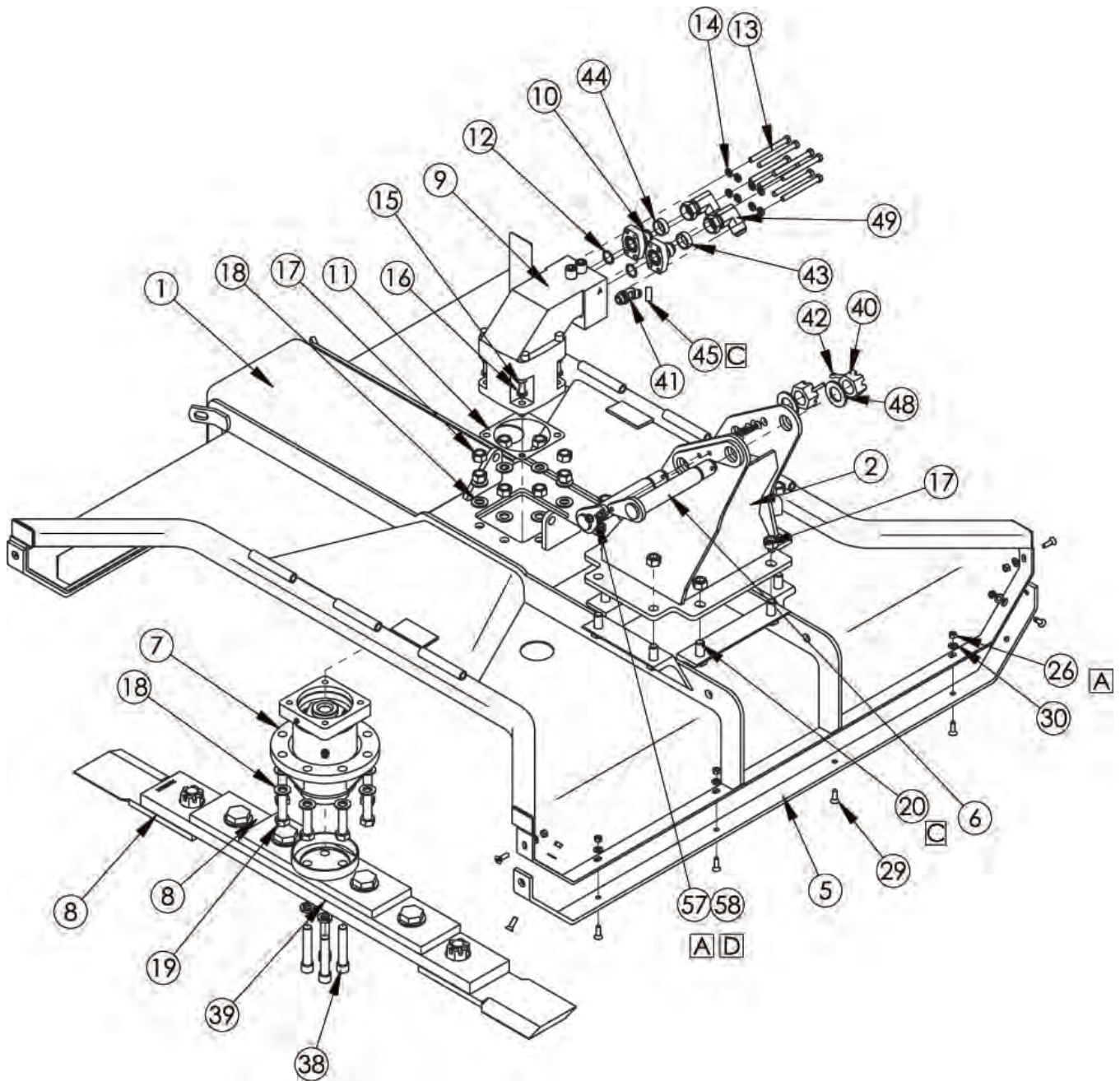


60 IN ROTARY - HEAD SUB-ASY (SWIVEL MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986191	1	ASY, 60" ROT,PISTON,BAR,SWIVEL
1	02981410	1	WELDMENT,60" ROTARY,SWIVEL
2	02985319	1	WELDMENT, HITCH POST
3	02979881	1	MOTOR PISTON 4.91 CID
4	02968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
5	02969230	1	ASY, BLADE BAR W/BLADES
6	02963646	3	HHCS 3/4 NC 2-1/2 PL8
7	00037200	18	NUT 3/4 NC LOCKNUT
8	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG
9	00015800	37	LOCKNUT TLM 3/8 NC PLC
10	02968894	1	VINYL TAPE RED 1/2" WIDE
11	02991249	1	VINYL TAPE GREEN 1/2" WIDE
12	02968896	1	VINYL TAPE BLUE 1/2" WIDE
13	02963645	6	HHCS 3/4 NC 1-3/4 PL8
14	5312316	18	FLATWASHER 3/4 HARDENED
15	00019600	4	LOCKWASHER 1/2 HEAVY
16	02984002	1	WLDMNT, STOP, SWIVEL
17	02891800	4	HHCS 1/2 NC 1-3/4 PL8
18	02980237	2	O-RING .139 DIA X 1.296 INSIDE
19	00022200	8	LOCKWASHER 7/16 PL
20	02980236	8	HHCS 7/16 NC X 4 1/2"LG PL5
21	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
22	15B600	14	WASHER 3/8 SAE P
23	00059700	14	FSCS 3/8 NC X 1-1/4
24	00003901	4	LOCKWASHER 3/4 HEAVY
25		1	
26	02966899	2	SKID SHOE
27	02964861	4	SHCS 3/4 NC 4" LG PL8
28	03200269	8	HHCS 3/4 NC 3 PL8
29	02981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
30	02981820	13	SHCS 1/2 NC X 1 1/2" LG PL8
31	02981318	1	BEARING, 12OD X 5.8ID

60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986264



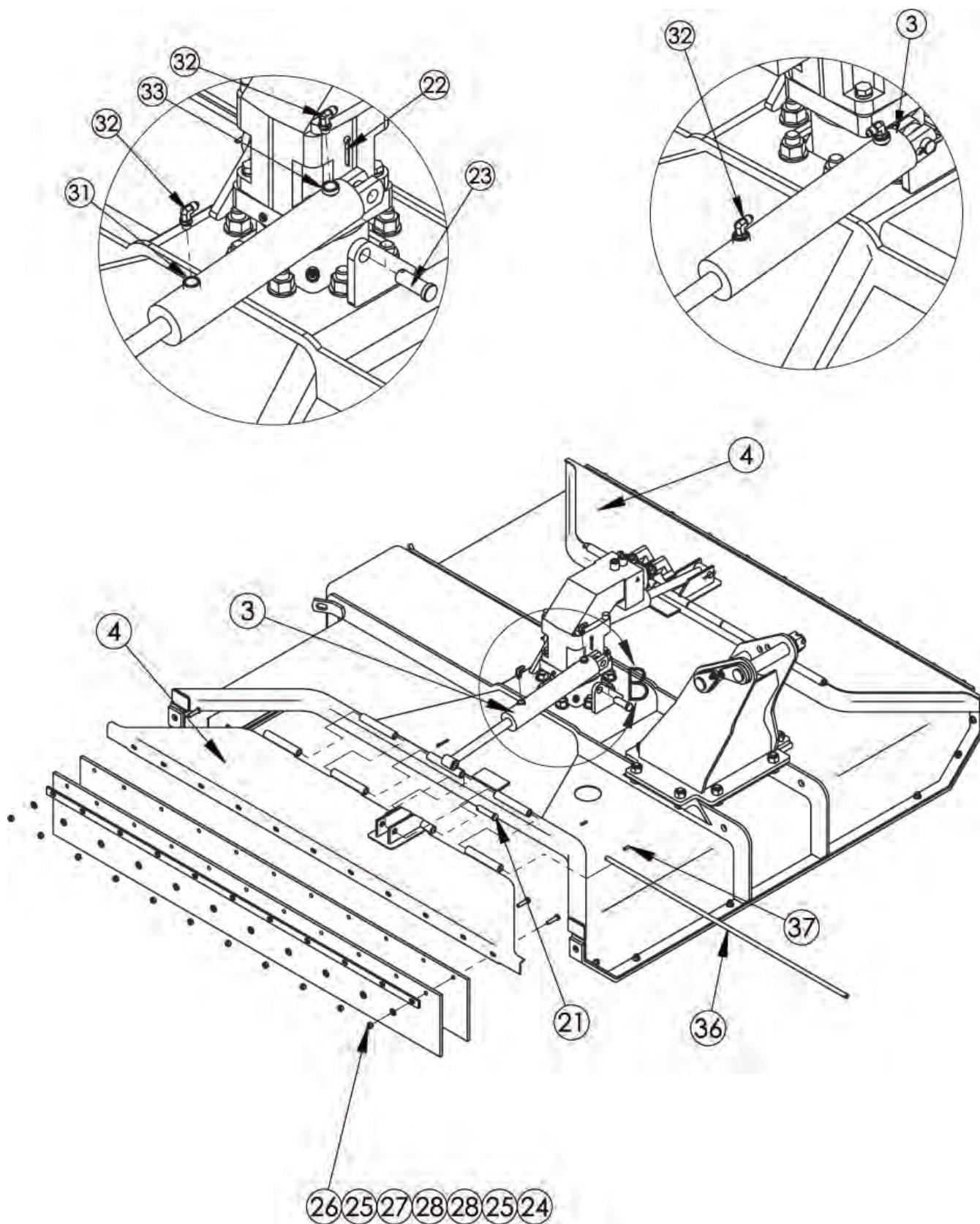
ITEM	PART NO.	QTY.	DESCRIPTION
1	02984849	1	WLDMT, DECK, 60 ROT, DB DOOR
2	02986200	1	WELDMENT, HITCHPOST
5	02984848	2	SKID SHOE, 60" ROT, DBL DOOR
6	02981757	2	WELDMENT, PIN, HITCH POST
7	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
8	02969230	1	ASY,BLADE BAR W/BLADES
9	02979881	1	MOTOR PISTON 4.91 CID

60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 1) PN 02986264

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
10	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
11		1	
12	02980237	2	O-RING .139 DIA X 1.296 INSIDE
13	02980236	8	HHCS 7/16-14NC 4-1/2 PL5
14	00022200	8	HIGH ALLOY, L/W 7/16 YZ
15	02891800	4	HHCS 1/2 NC 1-3/4 PL8
16	00019600	4	LOCKWASHER, 1/2, HVY, PL
17	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
18	5312316	16	WASHER,HARDENED 3/4"
19	03200269	8	HHCS 3/4 NC 3 PL8
20	02963645	8	HHCS 3/4 NC 1-3/4 PL8
26	00015800	38	LOCKNUT TLM 3/8-NC PLC
29	00059700	16	FSCS 3/8 NC 1-1/4
30	15B600	16	WASHER 3/8 SAE PLT
38	02964861	4	SHCS 3/4 NC 4 PL8
39	00003901	4	LOCKWASHER, 3/4, HVY, PL
40	02971701	2	NUT SLOT 1-3/8 12NF PLB
41	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG
42	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
43	02968894	1	VINYL TAPE RED 1/2" WIDE
44	02968896	1	VINYL TAPE BLUE 1/2" WIDE
45	02991249	1	VINYL TAPE GREEN 1/2" WIDE
48	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
49	02956851	2	ADP HYD ELBOW 16MJ -16FJX 90
57	02995908	2	NUT SPRLCK FLG 3/8-16 PL
58	02995907	2	FSCS 3/8-16 X 1-3/4 PL8

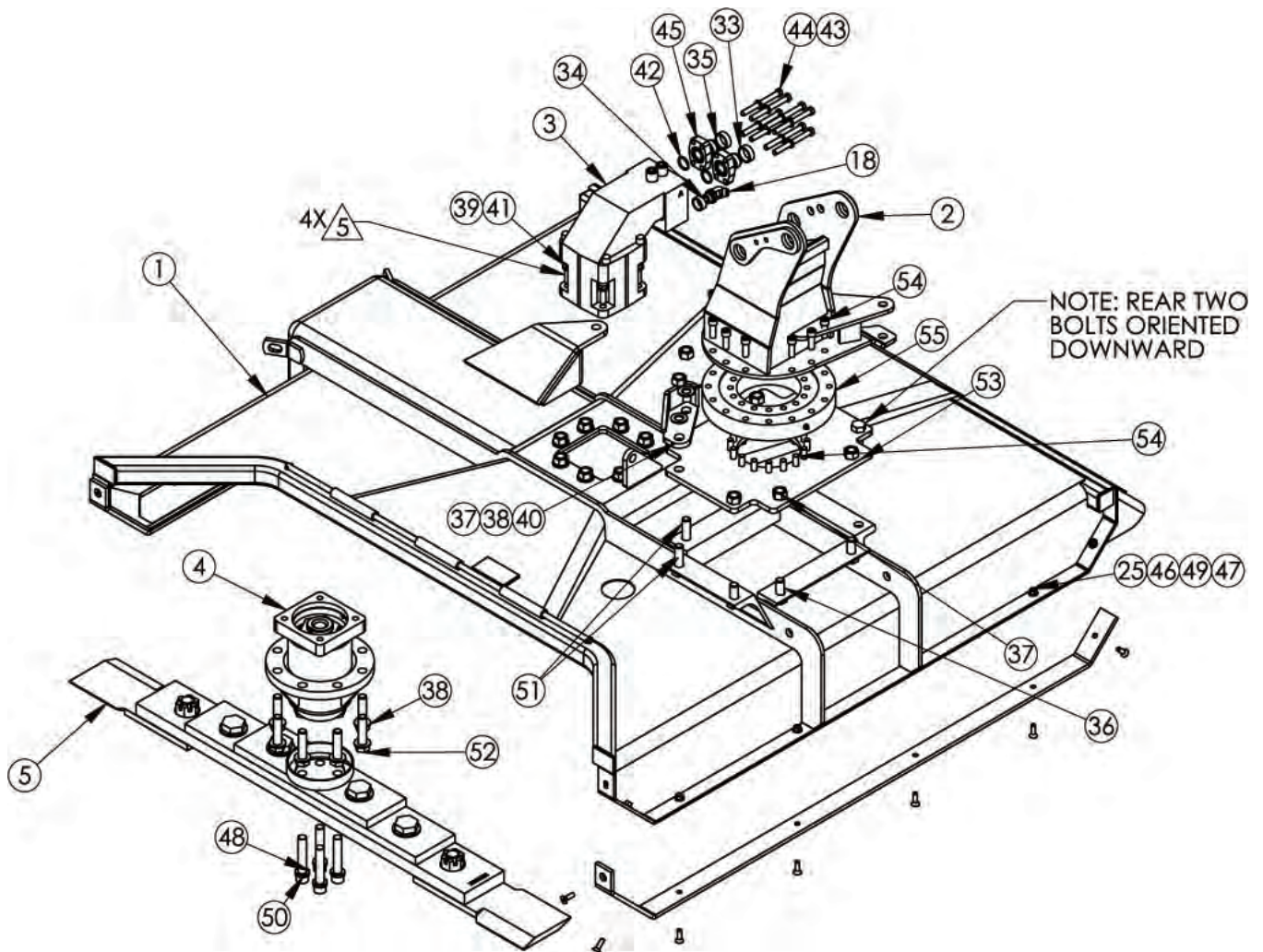
60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986264



60 IN ROTARY - HEAD ASY PISTON W/BAR 2 DOOR (PART 2) PN 02986264**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
3	02961480A	2	HYD CYLINDER 2BORE X 9-1/4
4	02971963	2	WELDMENT, DOOR
20	02963645	8	HHCS 3/4 NC 1-3/4 PL8
21	02976448	2	PIN,5/8 X 2-1/2 DRILLED @
22	00755153	4	PIN,COTTER 3/16 X 1-1/2 PLATED
23	651102	2	PIN, DRILLED
24	00023100	22	HHCS 3/8 -16UNC 1-1/2 PL5
25	00011100	44	FLATWASHER STD 3/8 - PLATED
26	00015800	38	LOCKNUT TLM 3/8-NC PLC
27	00756875	2	FLAP HOLD DOWN BAR
28	00759862	4	SHIELD-DEBRIS DEFLECTOR REAR C
31	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
32	02960018	4	ADP HYD ELBOW 4MB-4MJ90
33	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
34	02968832	1	VINYL TAPE GREEN 1/2" WIDE
35	02968833	1	VINYL TAPE GREEN 1/4" WIDE
36	02967782	2	ROD-HINGE
37	99338S	4	PIN ROLL 1/4 X 3/4
57	02995908	2	NUT SPRLCK FLG 3/8-16 PL
58	02995907	2	FSCS 3/8-16 X 1-3/4 PL8

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 1 PN 02986191

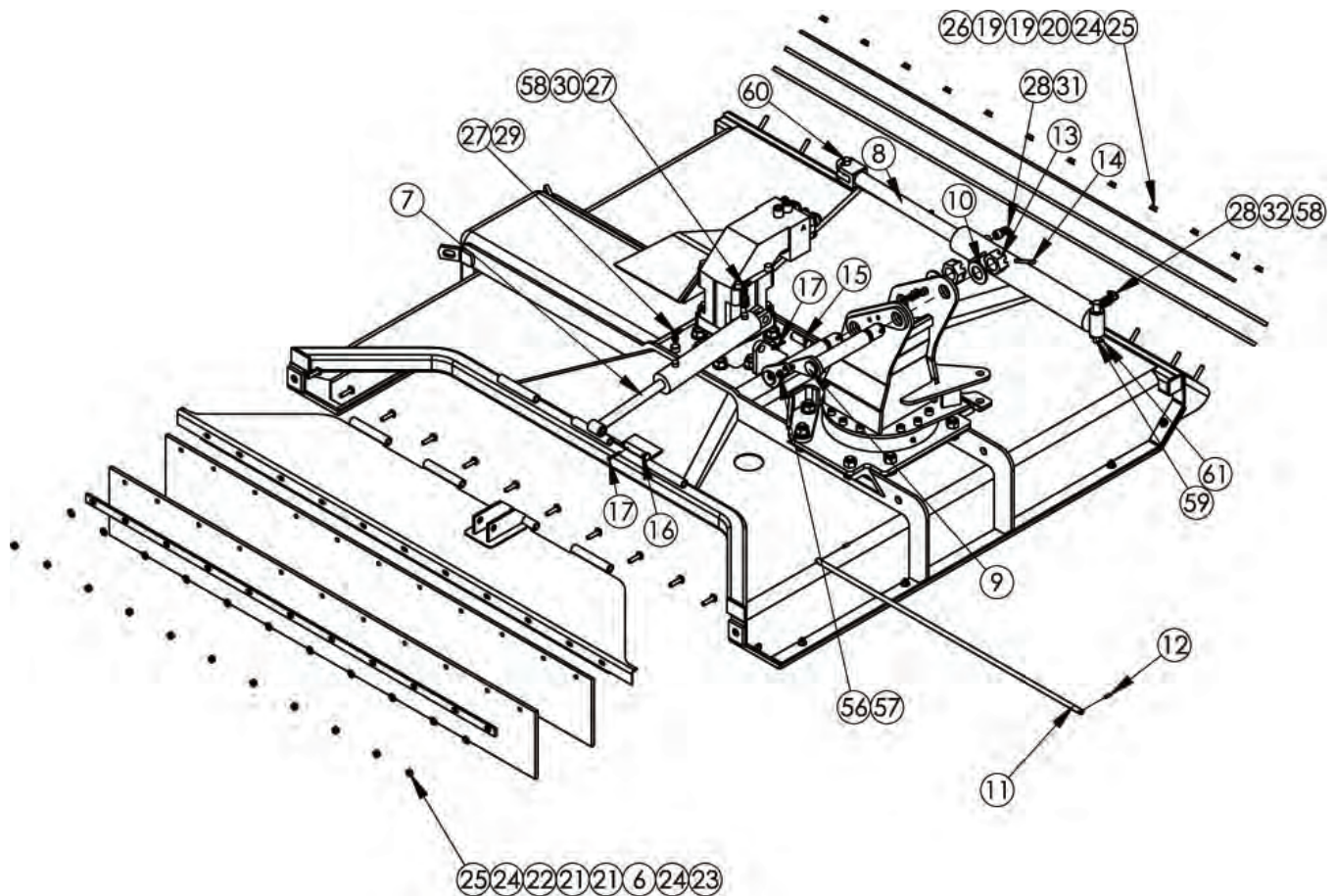


ITEM	PART NO.	QTY.	DESCRIPTION
1	02981410	1	WELDMENT, 60 ROTARY, SWIVEL
2	02985319	1	WELDMENT, HITCH POST
3	02979881	1	MOTOR PISTON 4.91 CID
4	02968859A	1	ASY,SPINDLE HOUSING-SPLINED
5	02969230	1	ASY,BLADE BAR W/BLADES
18	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG
25	00015800	37	LOCKNUT TLM 3/8-NC PLC
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	00037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
38	5312316	18	WASHER, HARDENED 3/4"
39	00019600	4	LOCKWASHER, 1/2, HVY, PL
40	02984002	1	WLDMNT, STOP SWIVEL

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 1 PN 02986191**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02891800	4	HHCS 1/2 NC 1-3/4 PL8
42	02980237	2	O-RING .139 DIA X 1.296 INSIDE
43	00022200	8	HIGH ALLOY, L/W 7/16 YZ
44	02980236	8	HHCS 7/16-14NC 4-1/2 PL5
45	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
46	15B600	14	WASHER 3/8 SAE PLT
47	00059700	14	FSCS 3/8 NC 1-1/4
48	00003901	4	LOCKWASHER, 3/4, HVY, PL
49	02966899	2	SKID SHOE
50	02964861	4	SHCS 3/4 NC 4 PL8
51	02963646	2	HHCS 3/4 NC 2-1/2 PL8
52	03200269	8	HHCS 3/4 NC 3 PL8
53	02981752	1	PLATE, HITCH POST BOTTOM, MAV
54	02981820	28	SHCS 1/2 NC 1-1/2 PL8
55	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
59	002416	4	ROLL PIN 1/4 X 1-1/2 LG

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 2 PN 02986191

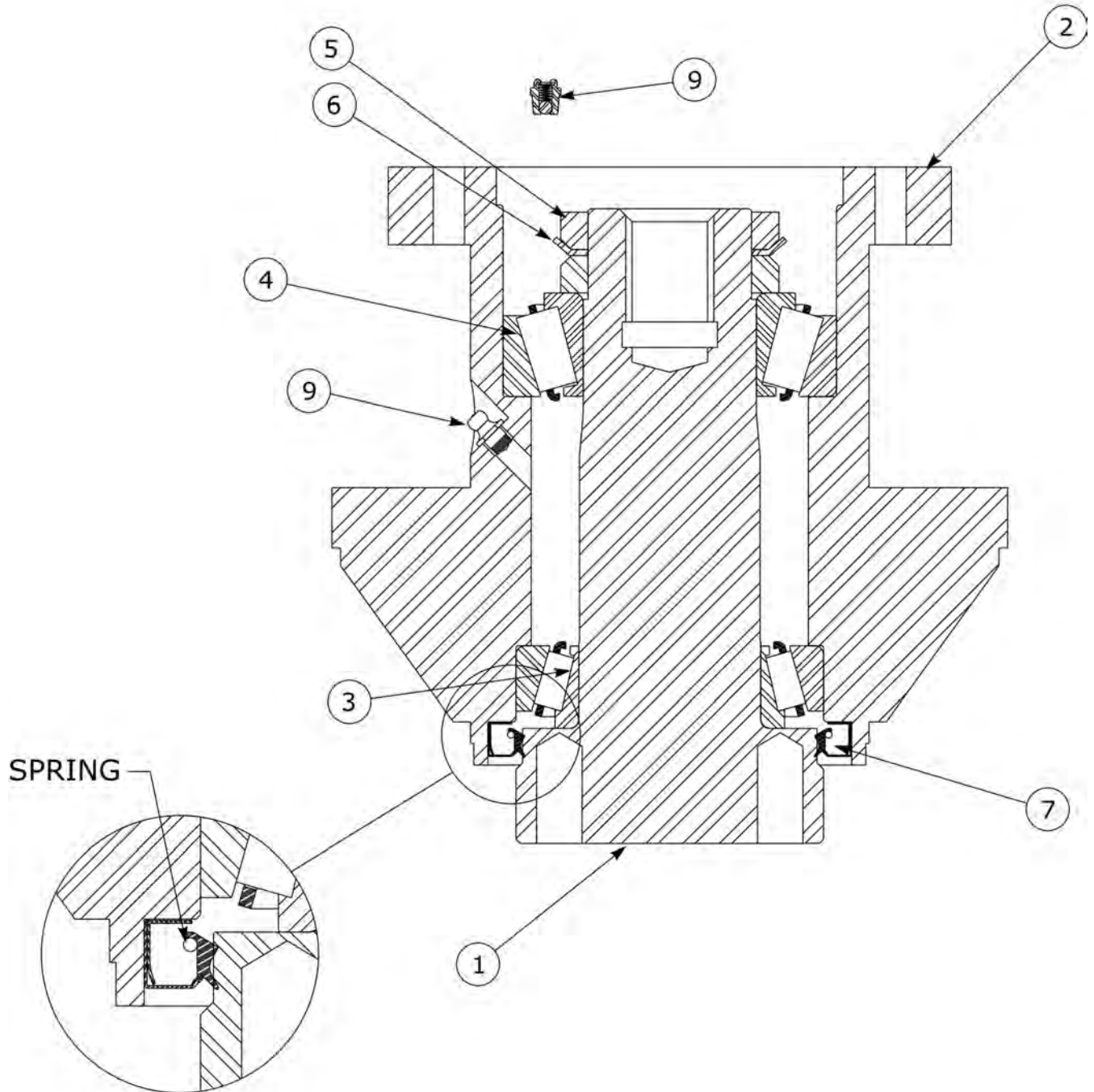


ITEM	PART NO.	QTY.	DESCRIPTION
6	02971963	1	WELDMENT, DOOR
7	02961480A	1	HYD CYLINDER 2BORE X 9-1/4
8	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
9	02981757	2	WELDMENT, PIN, HITCH POST
10	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
11	02967782	1	ROD-HINGE
12	99338S	2	PIN ROLL 1/4 X 3/4
13	02971701	2	NUT SLOT 1-3/8 12NF PLB
14	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
15	651102	1	PIN, DRILLED
16	02976448	1	PIN, 5/8 X 3 (EL 2-3/4)
17	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
23	00023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
24	00011100	46	FLATWASHER STD 3/8 - PLATED

60 IN ROTARY PISTON HEAD ASY W/BAR (SWIVEL MNT) VDOT ONLY PART 2 PN 02986191**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
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
34	02991249	1	VINYL TAPE GREEN 1/2" WIDE
56	02995908	2	NUT SPRLCK FLG 3/8-16 PL
57	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
58	02991555	2	VINYL TAPE WHITE 1/4" WIDE
59	02995472	1	PIN, 3/4" X 4" U.L.
60	02995471	1	PIN, 3/4" X 1-7/8" U.L.
61	002416	4	ROLL PIN 1/4 X 1-1/2 LG

ROTARY - SPINDLE ASY



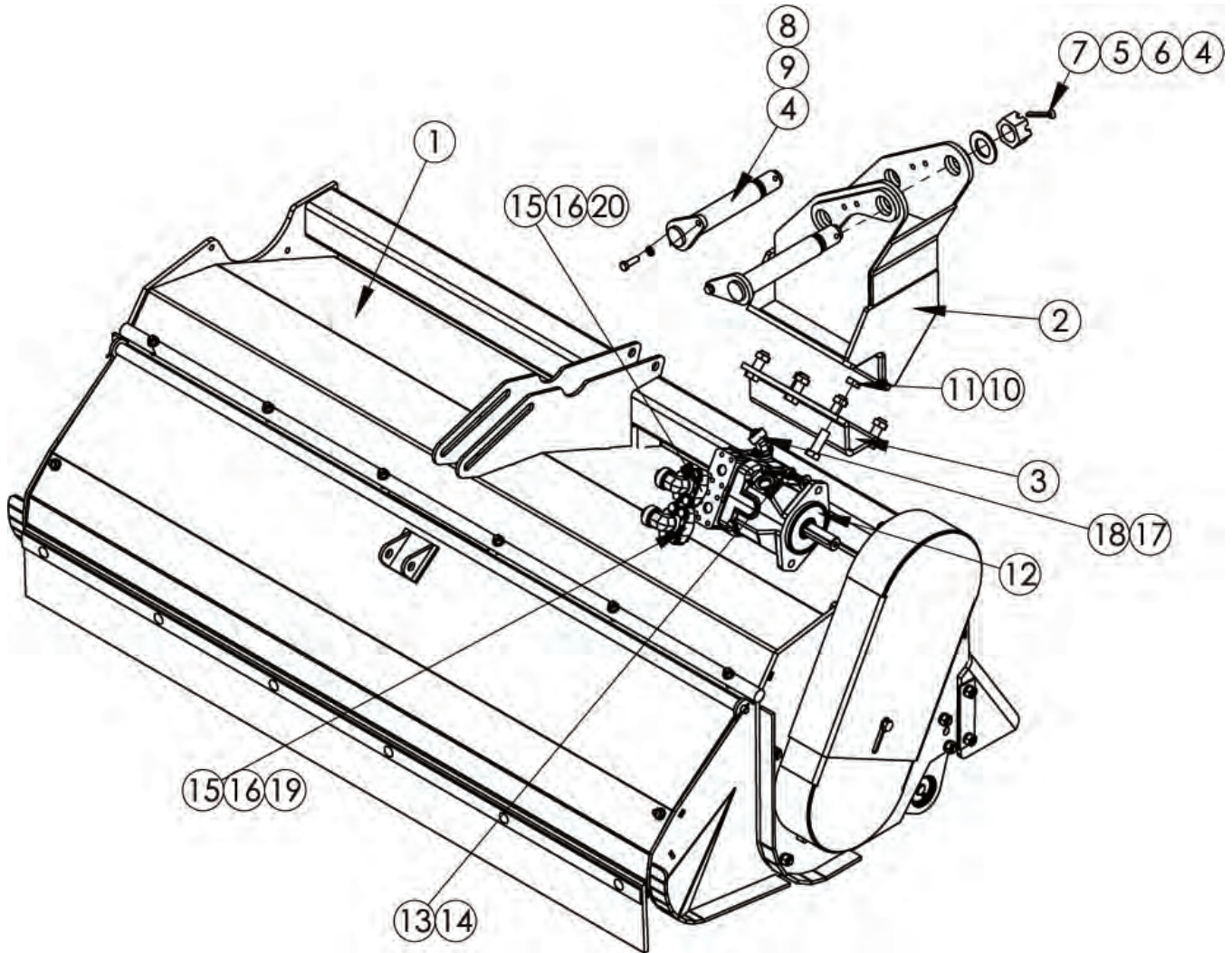
ROTARY - SPINDLE ASY

Continued...

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

SECTION 20 FLAILS

60 IN GRASS FLAIL HD -PISTON PN 02998978



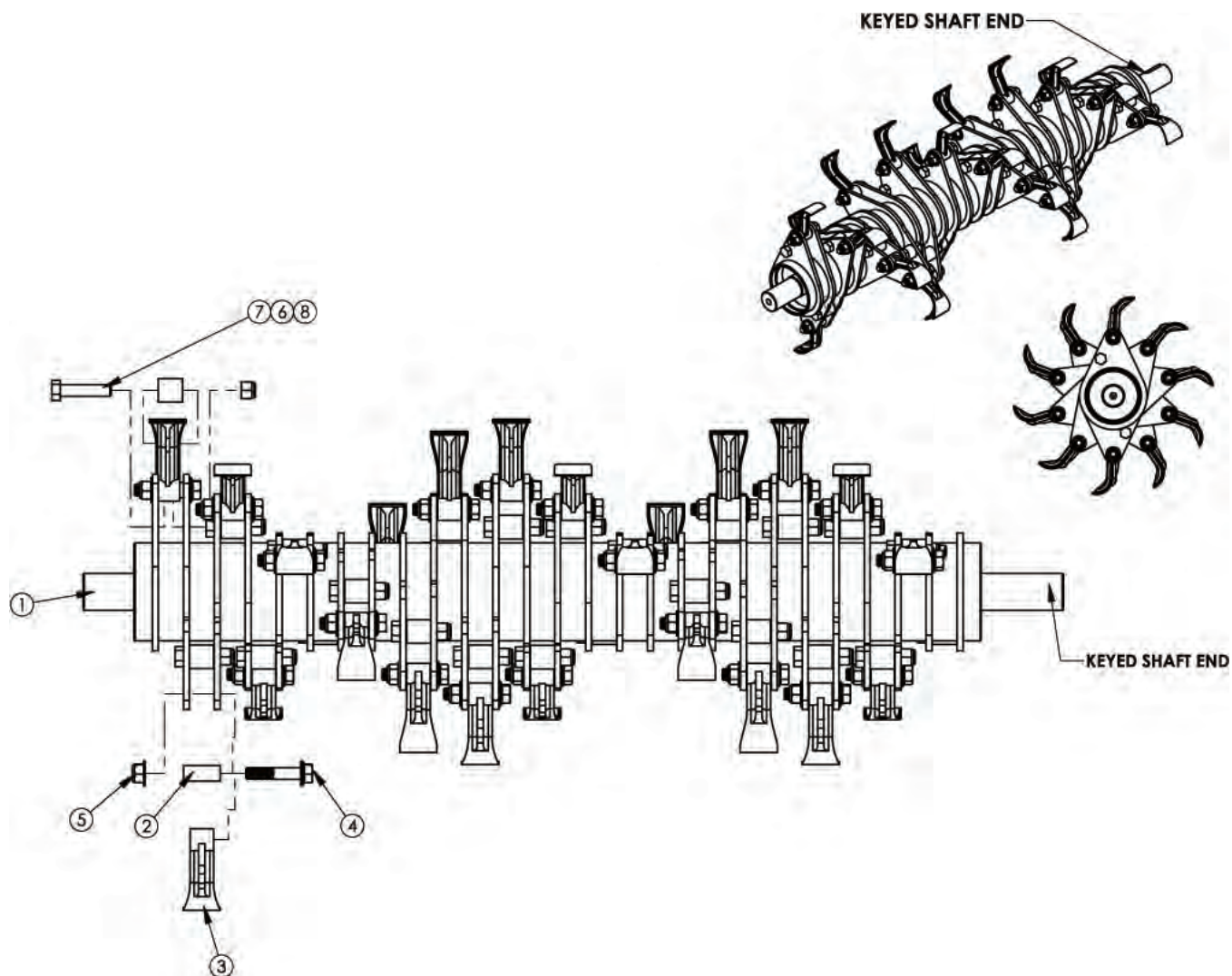
ITEM	PART NO.	QTY.	DESCRIPTION
1	02998605	1	60" FLAIL HEAD N/D
2	02988187	1	WLDMT, HITCHPOST GRASSFLAIL
3	02968245	1	PLATE- CLAMP
4	02981757	2	WELDMENT, PIN, HITCH POST
5	02971701	2	NUT SLOT 1-3/8 12NF PLB
6	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
7	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
8	02972949	2	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...

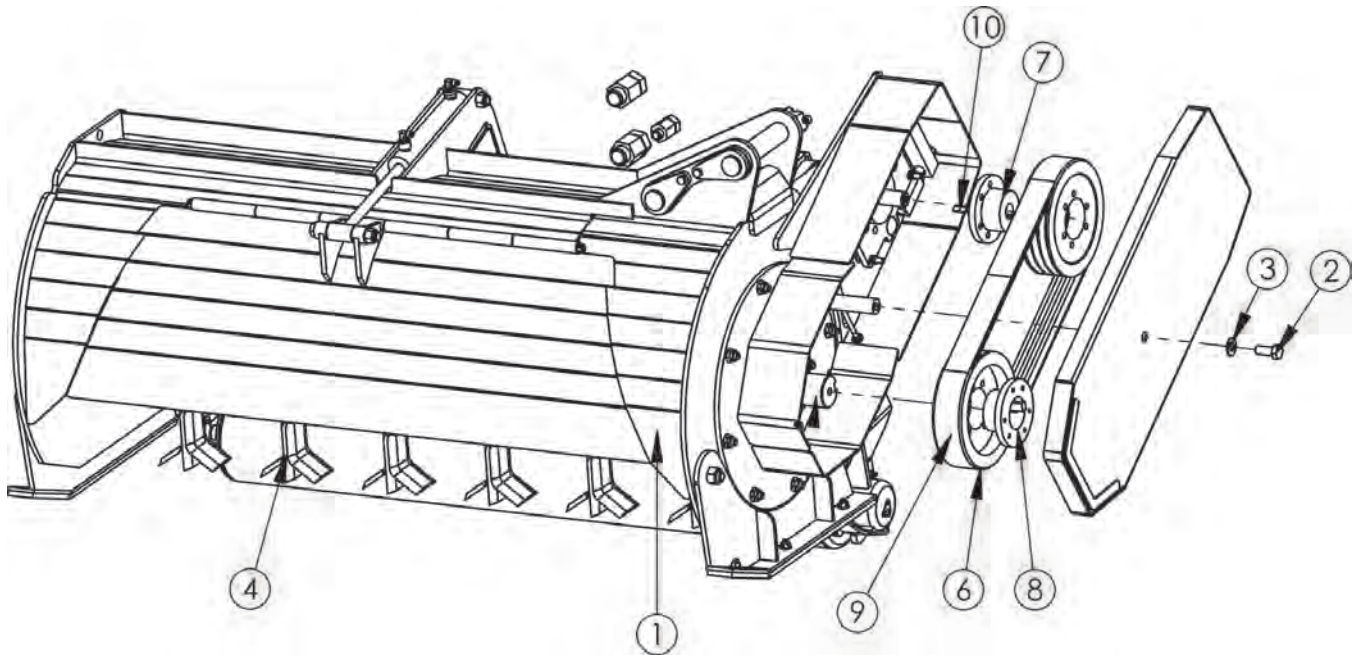
ITEM	PART NO.	QTY.	DESCRIPTION
15	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
16	32120623	2	HYD ADP 12FL62-16MJ 90
17	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45DEG
18	02991249	1	VINYL TAPE GREEN 1/2" WIDE
19	02968896	1	VINYL TAPE BLUE 1/2" WIDE
20	02968894	1	VINYL TAPE RED 1/2" WIDE

ASY, BATTLE AXE CUTTERSHAFT PN 32121385



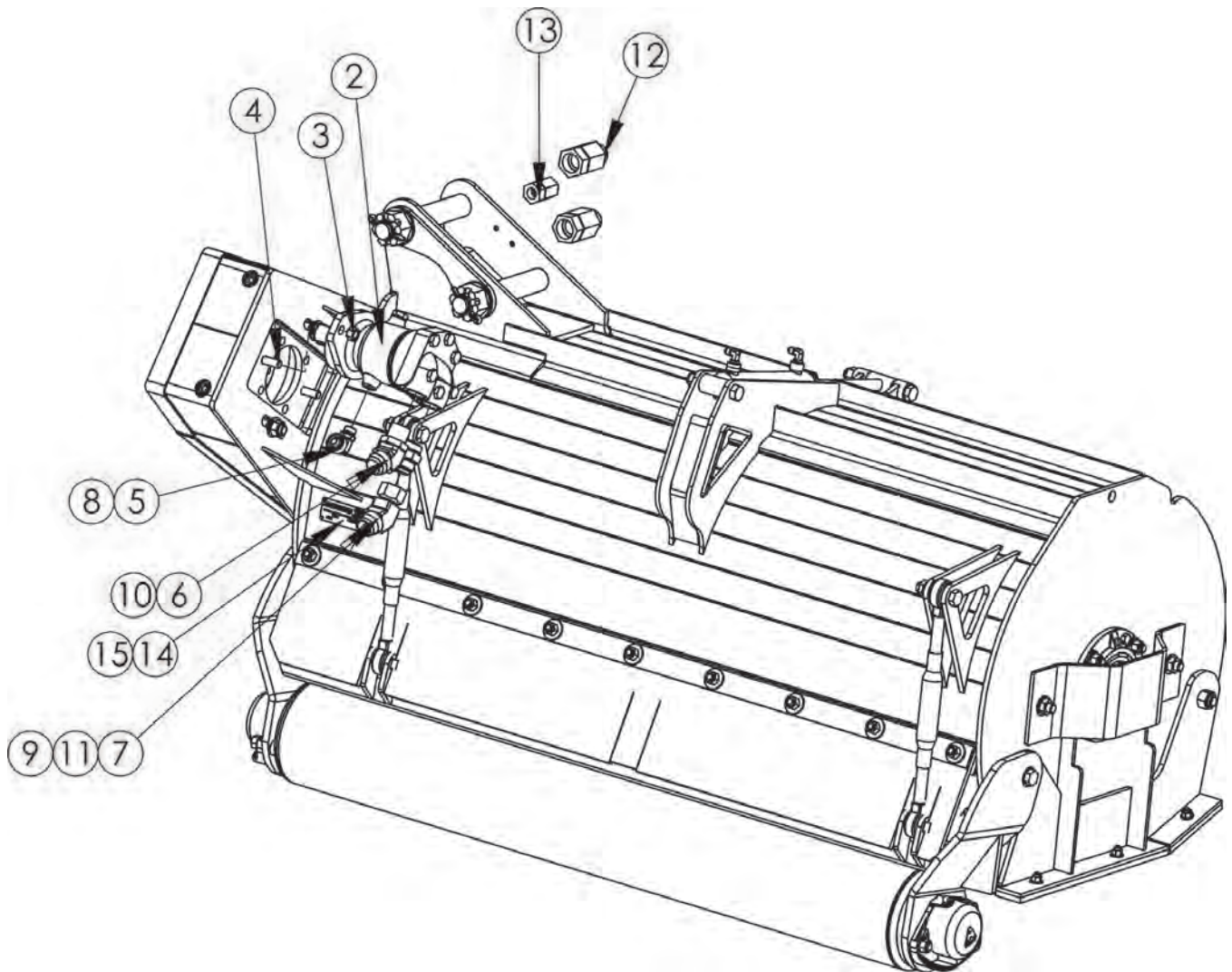
ITEM	PART NO.	QTY.	DESCRIPTION
1	32121384	1	WLDMT, CUTTERSHAFT, BATTLE AXE
2	32121380	26	TUBE, BLADE BUSHING
3	7390276	26	FLAIL, SINGLE EDGE
4	32121382	26	FLCS 3/4"-10 X 3-1/2" GR8
5	32121383	26	LOCKNUT NYL FLG 3/4-10 PL8
6	32121912	26	BUSHING, URETHANE BLADE STOP
7	02973438	26	HHCS 3/4 NC 3-1/4 PL8
8	02992645	26	LOCKNUT NYLON 3/4 NC YZ8

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 BATTLEAXE
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
14	02992696	1	PLATE, S/N FLAIL AXE 52

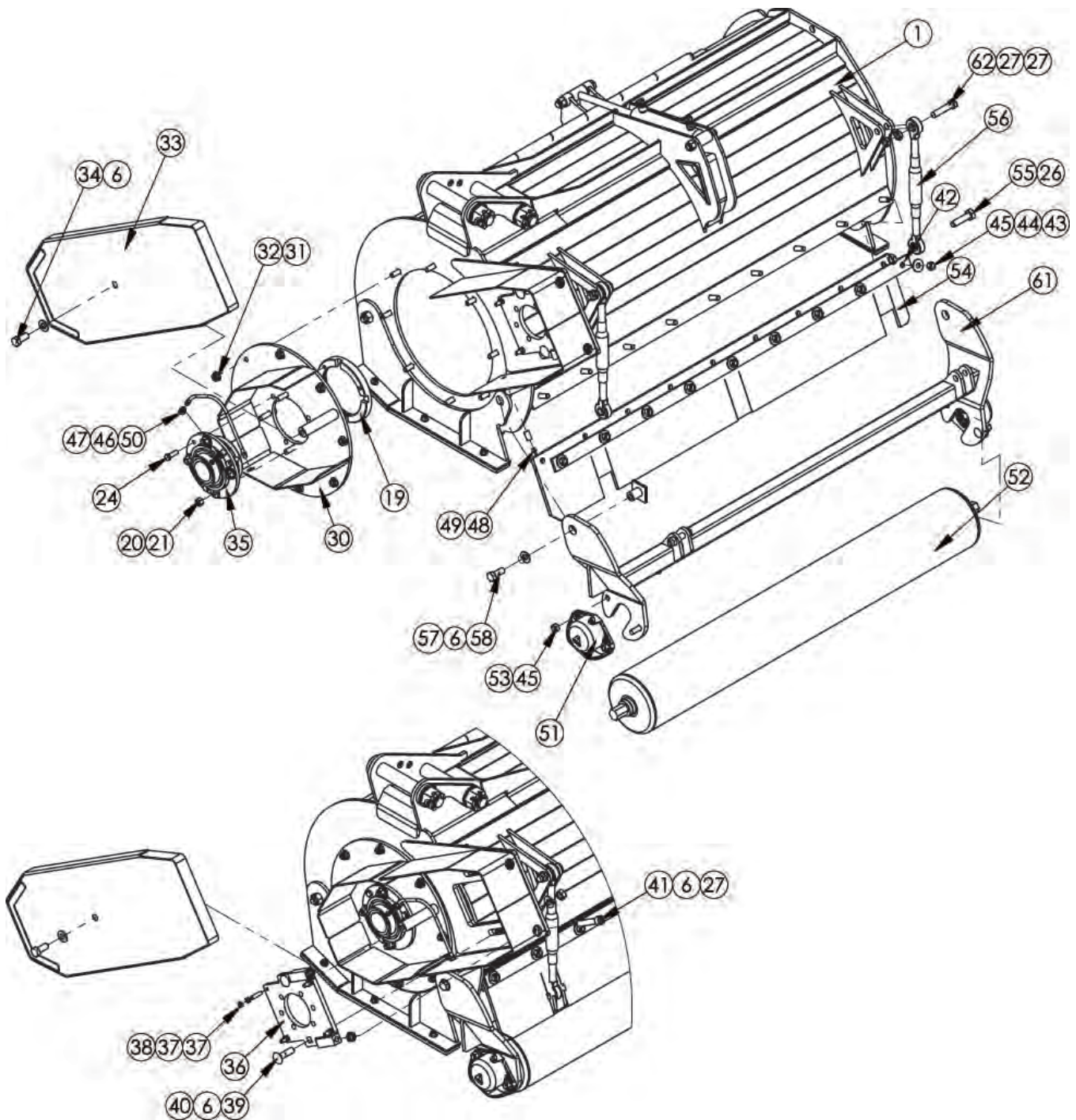
ASY, BATTLEAXE, 3T PISTON, PART 2 PN 02995188

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
-------------	-----------------	-------------	--------------------

15		4	
----	--	---	--

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



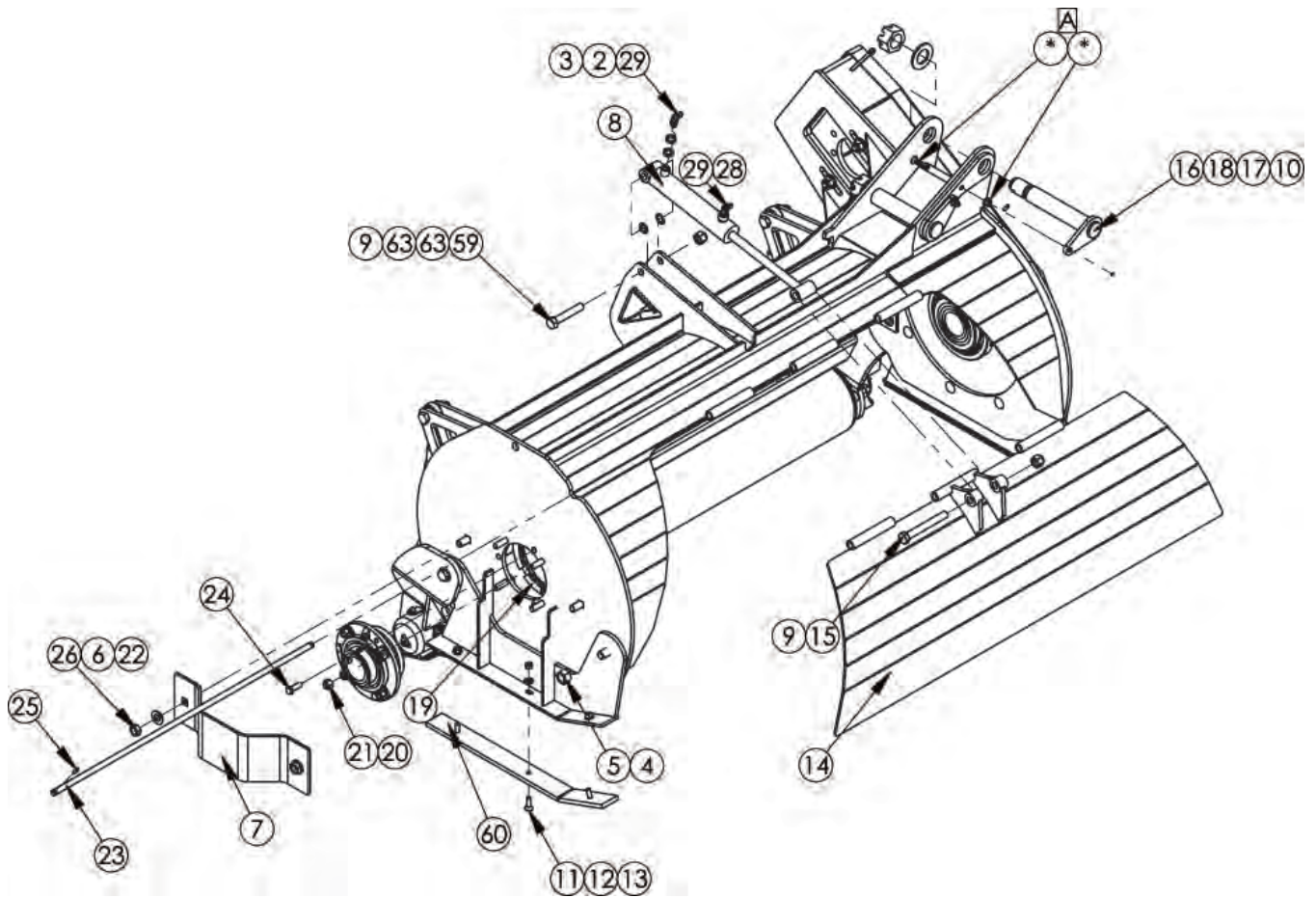
ITEM	PART NO.	QTY.	DESCRIPTION
1	02995168	1	WLDMT, HSG, BATTLE AXE
2	02995180	2	LINK, SKID ADJUST, STD
3	00013500	6	NUT JAM HEX 5/8 NC PL
4	00755082	2	HEXB 5/8 NC 2-1/2PL8
5	02994587	1	FLAP, RUBBER, REAR, BATTAXE

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

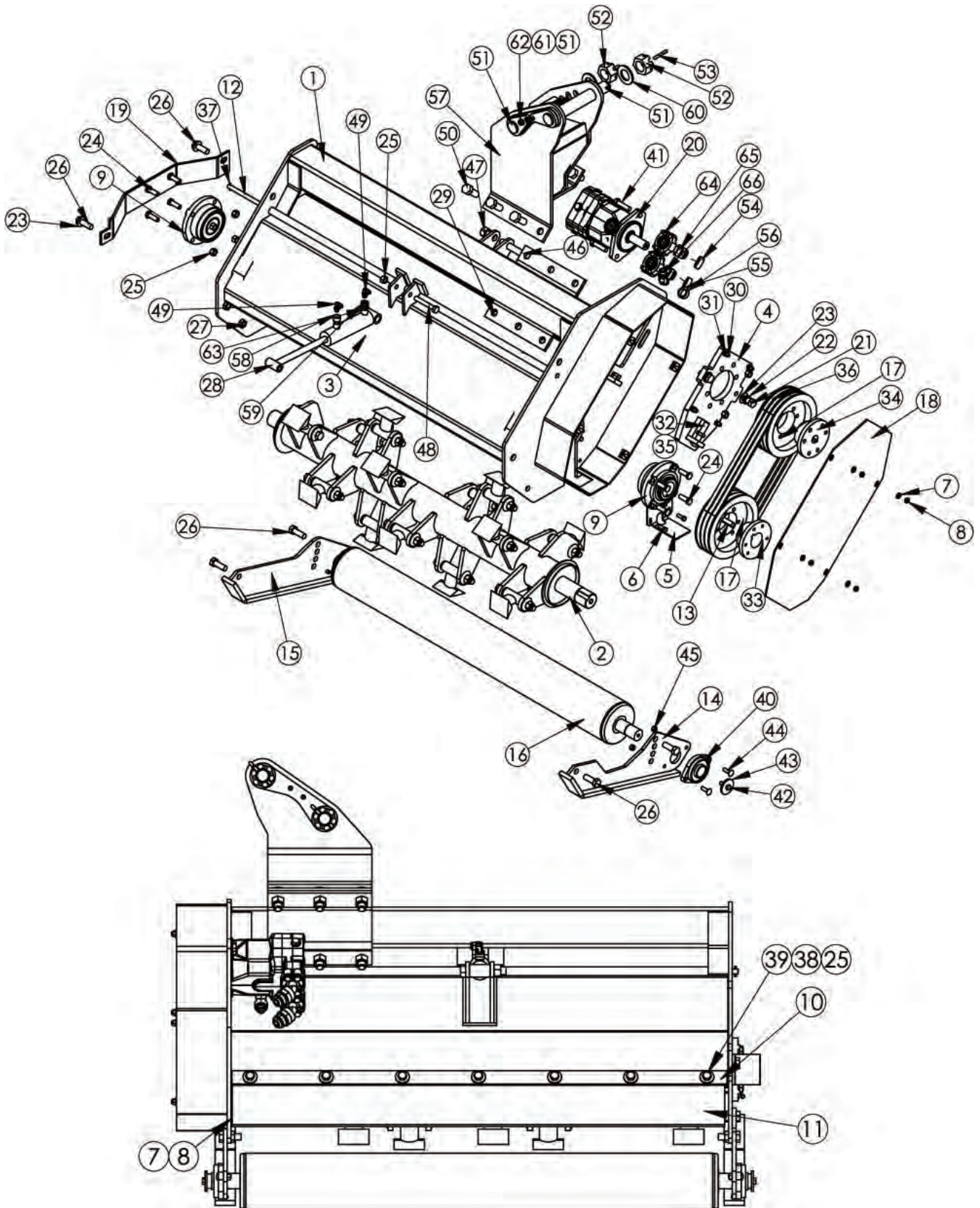


ITEM	PART NO.	QTY.	DESCRIPTION
2	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
3	02991555	1	VINYL TAPE WHITE 1/4" WIDE
4	02963645	2	HHCS 3/4 NC 1-3/4 PL8
5	00037200	2	NUT,HEX TOPLOCK 3/4 NC GR.C PL
6	00756077	9	WASHER,5/8 HARDENED - PLATED
7	02992592	1	GUARD, BEARING
8	02981316	1	CYLINDER, DOOR
9	02991279	2	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

48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (PART 1) - PN 02986254

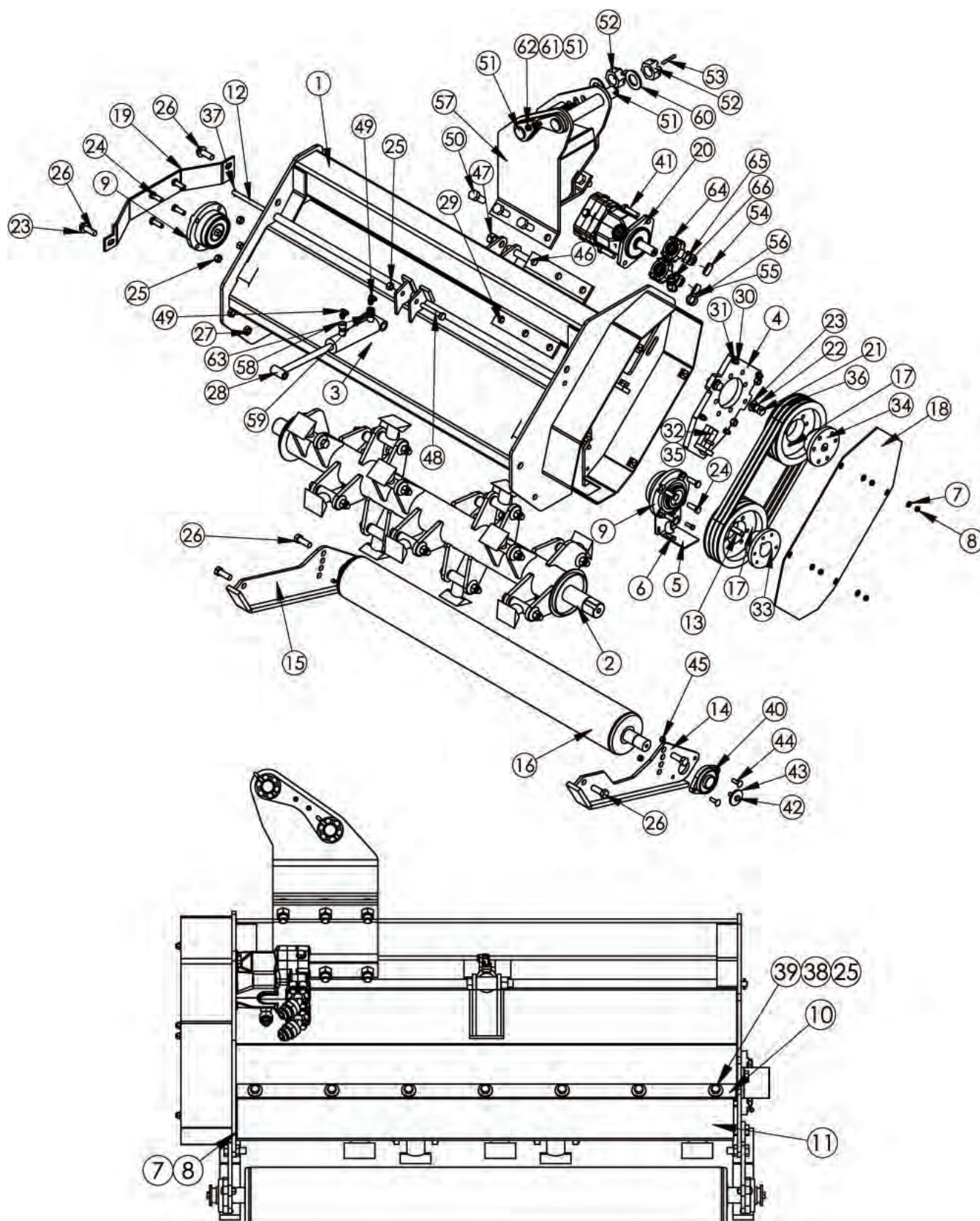


48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (PART 1) - PN 02986254

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

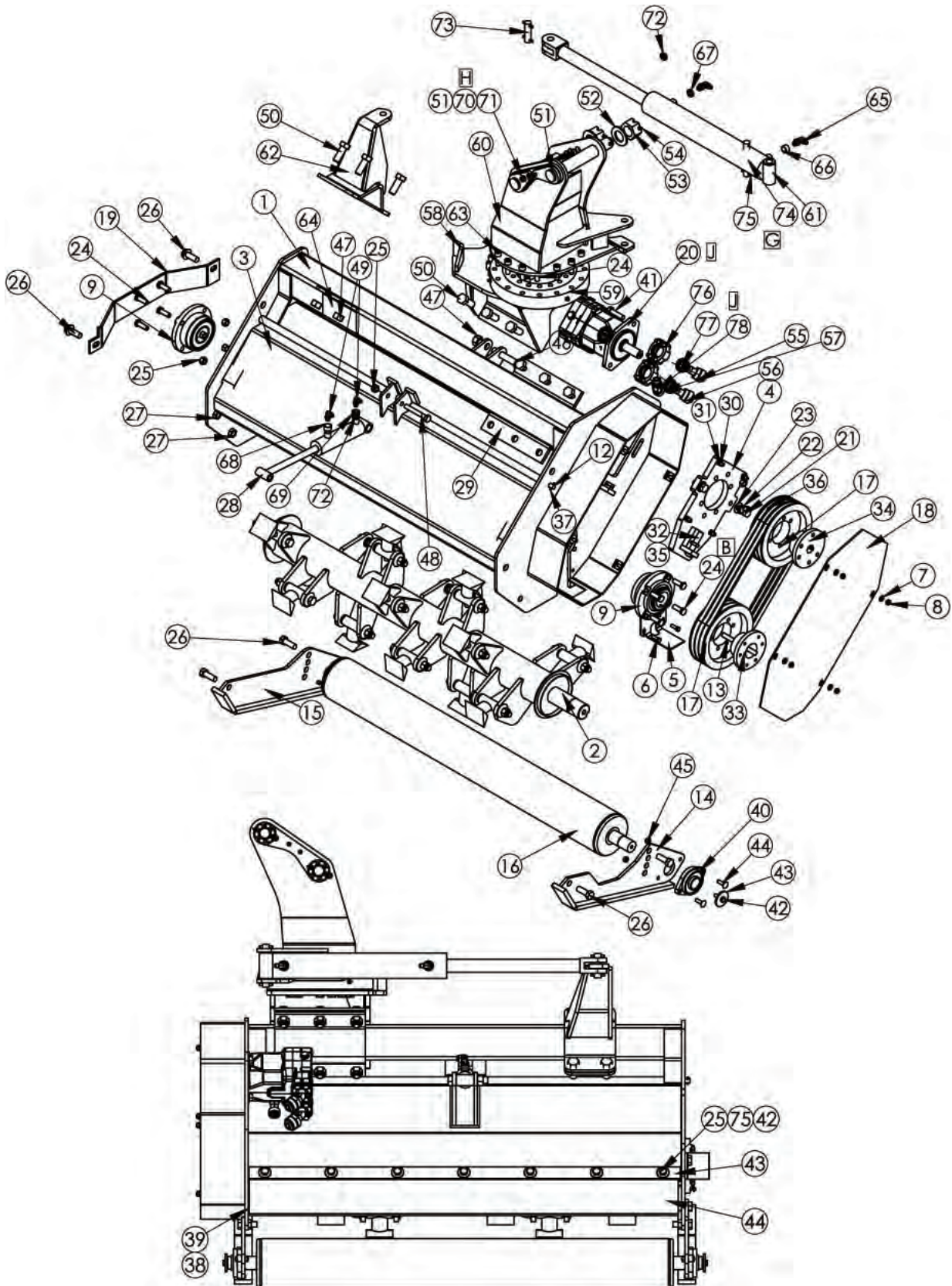
48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (PART 2) - PN 02986254



48 IN FLAIL AXE HEAD ASY SOLID MNT W STD CUTTER SHAFT (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 SWIVEL MNT W STD CUTTER SHAFT (PART 1) - PN 02986262

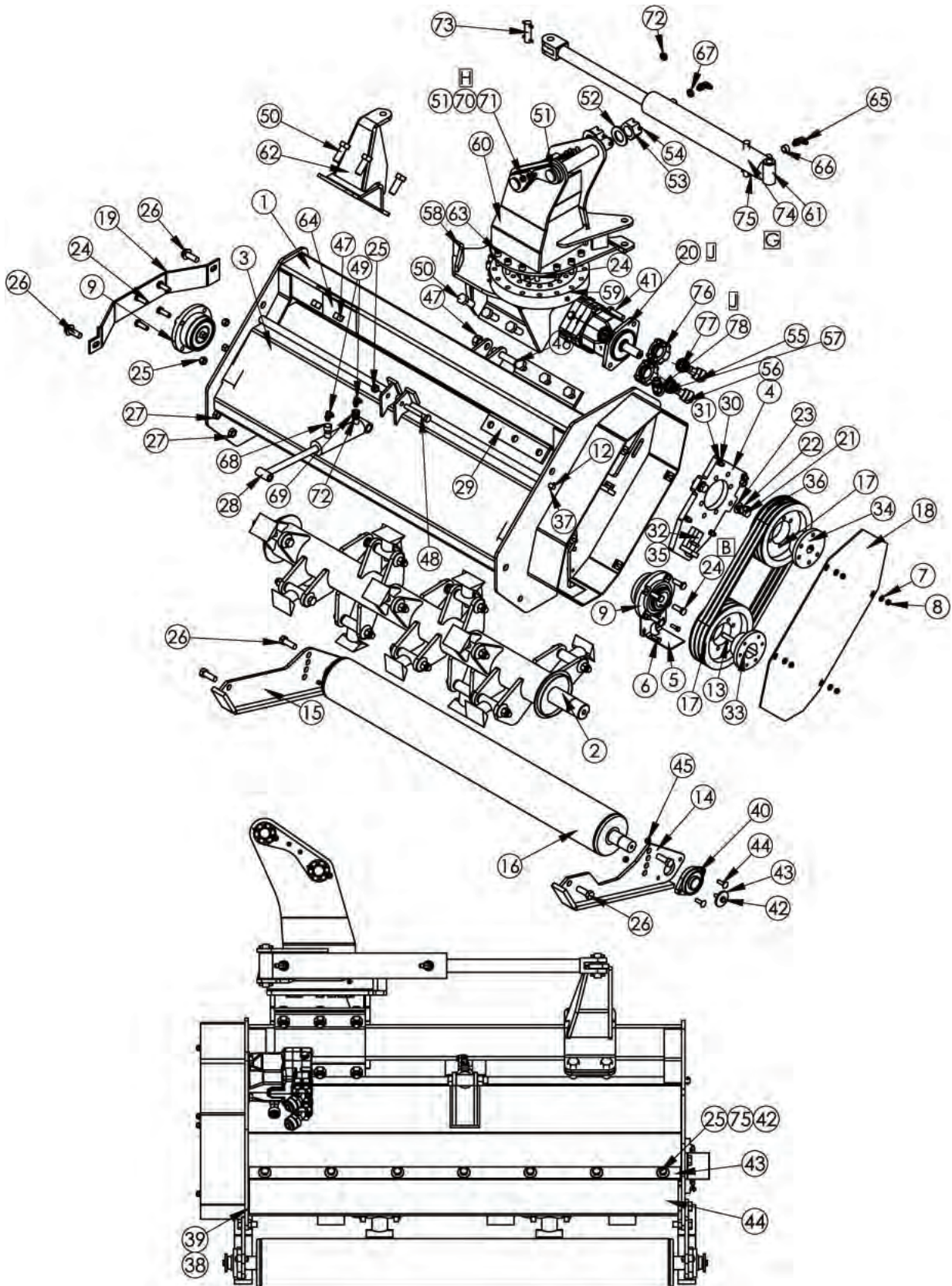


48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT (PART 1) - PN 02986262

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

48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT (PART 2) - PN 02986262

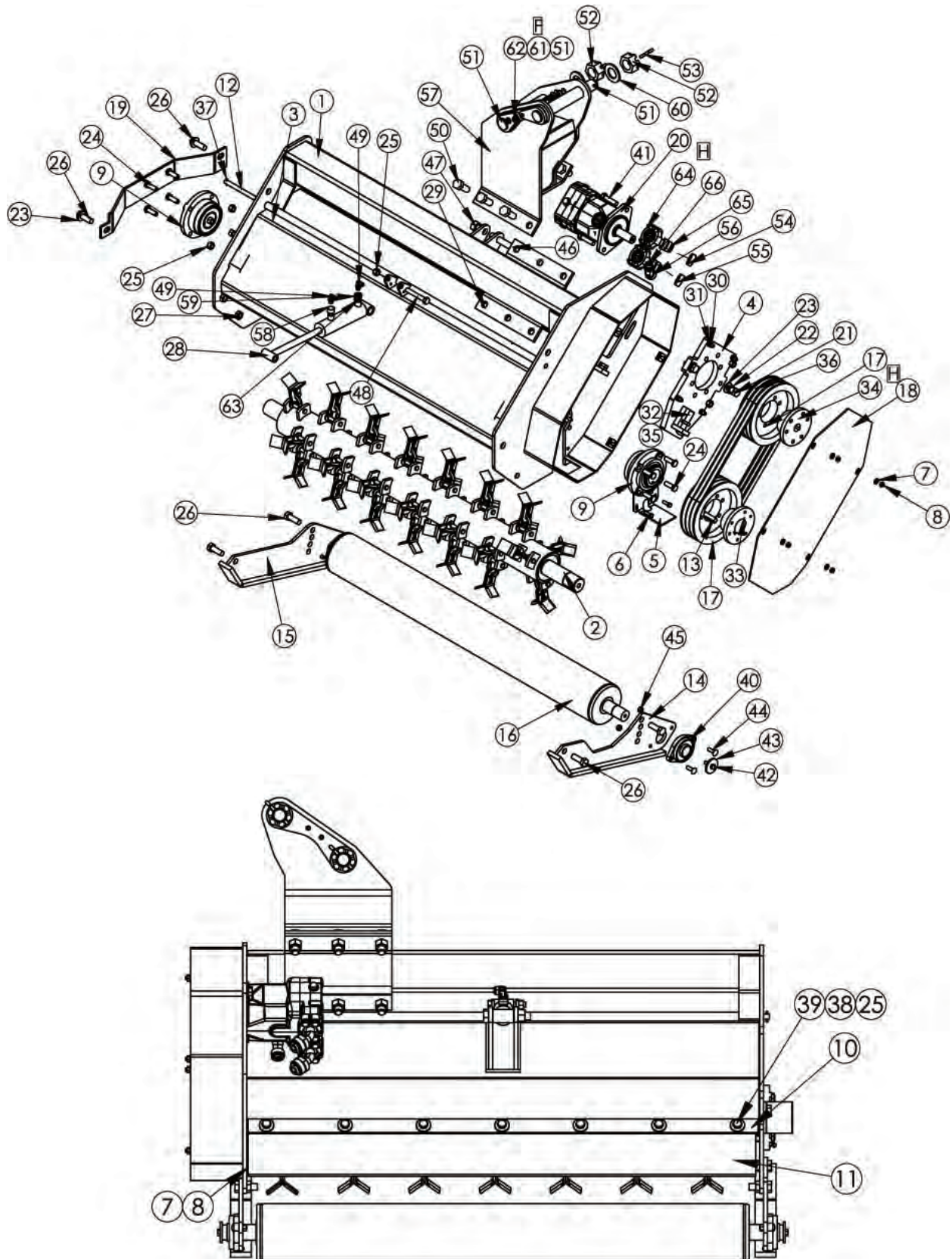


48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT (PART 2) - PN 02986262

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
40	02957041	2	ROLLER BEARING AND FLANGE
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	WELDMNT, 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	WELDMNT, 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 SWIVEL MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697

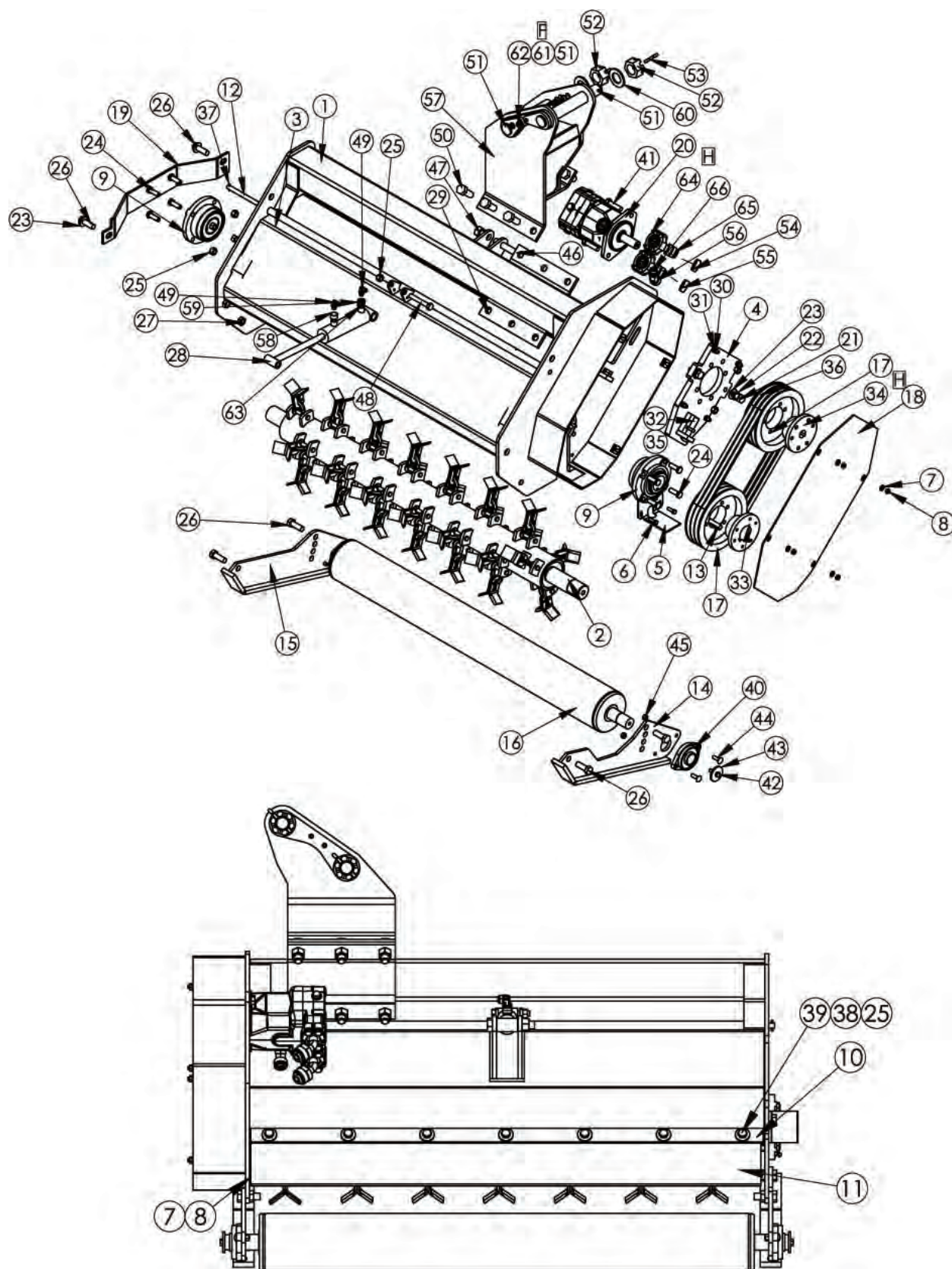


48 IN FLAIL AXE HEAD ASY SWIVEL MNT W EXT SHD CUTTER SHAFT (PART 1) - PN 02989697

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

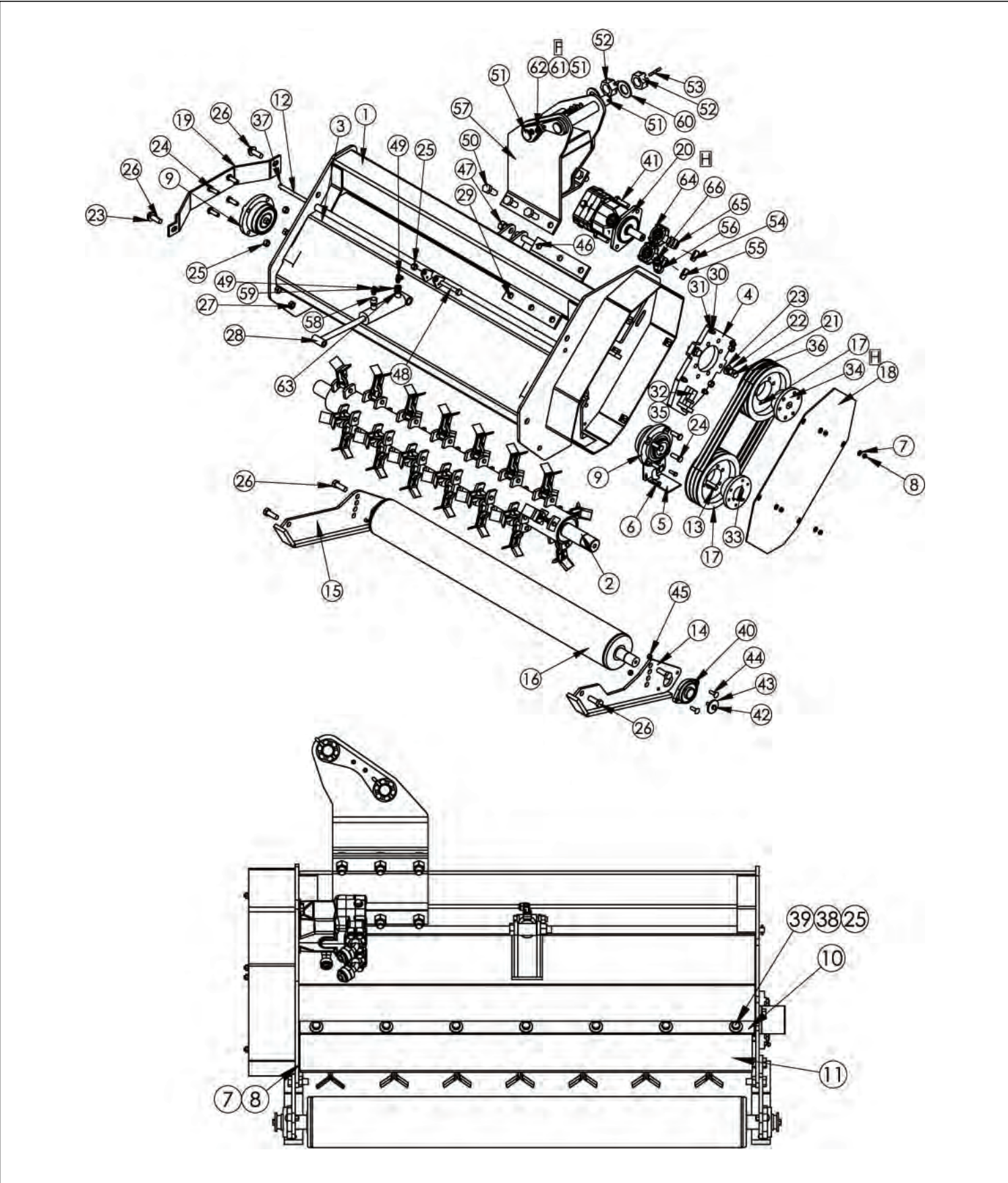
48 IN FLAIL AXE HEAD ASY SWIVEL MNT W EXT SHD CUTTER SHAFT (PART 2) - PN 02989697



48 IN FLAIL AXE HEAD ASY SWIVEL 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

48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 1)

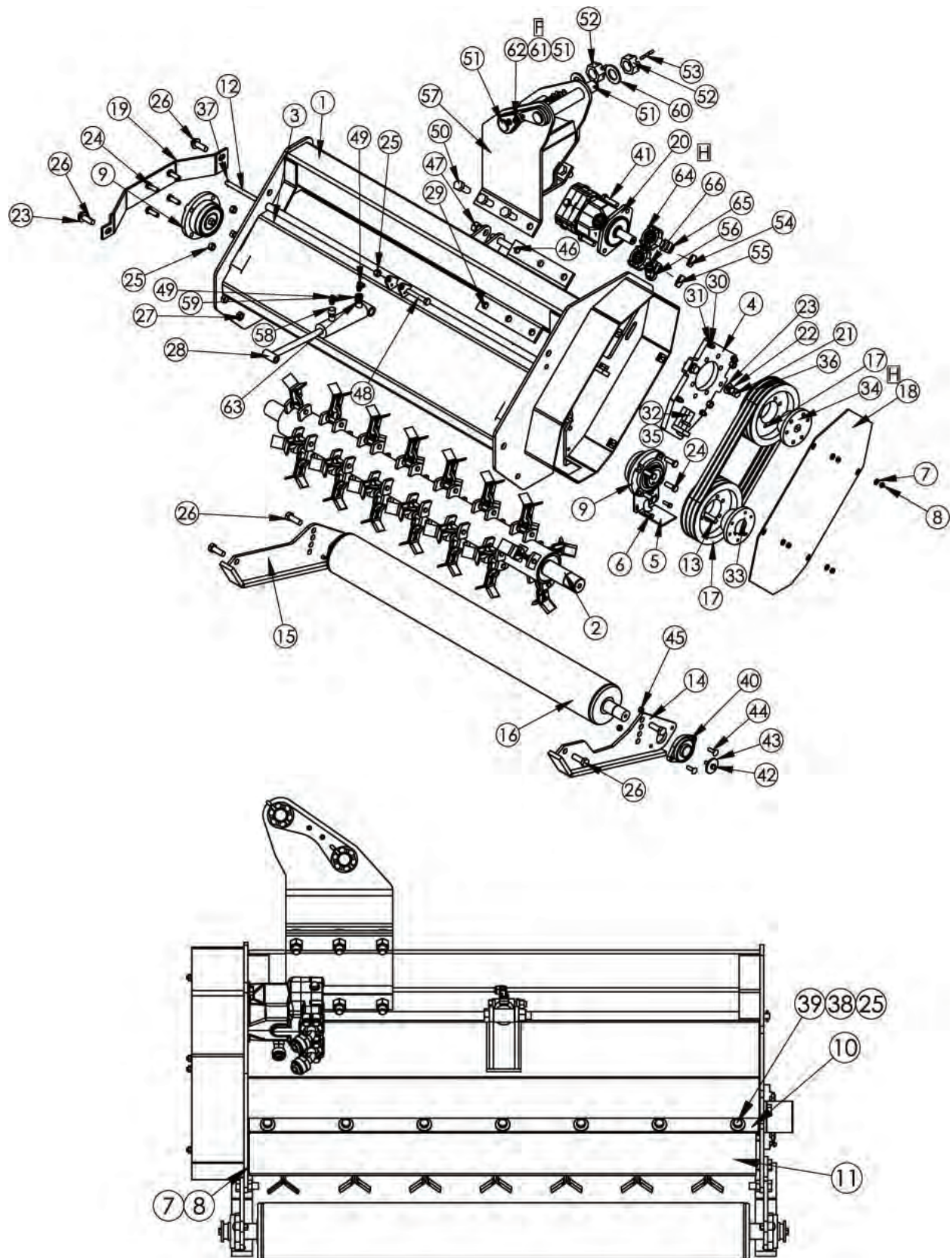


48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
0	02989697	1	48 IN FLAIL AXE HEAD ASY SWIVEL MNT W EXT SHD CUTTER SHAFT
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	02970763	1	MOTOR,PISTON-2.48 CU.IN./REV
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	11	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	02970725	1	HUB QD-SF 1-1/8DIA.BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00749138	7	NUT,1/2NF CENTERLOCK
39	00002700	7	FLATWASHER 1/2 PL STD
40	00001880	7	HHCS 1/2 NF 1-1/2 PL5

48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 2)

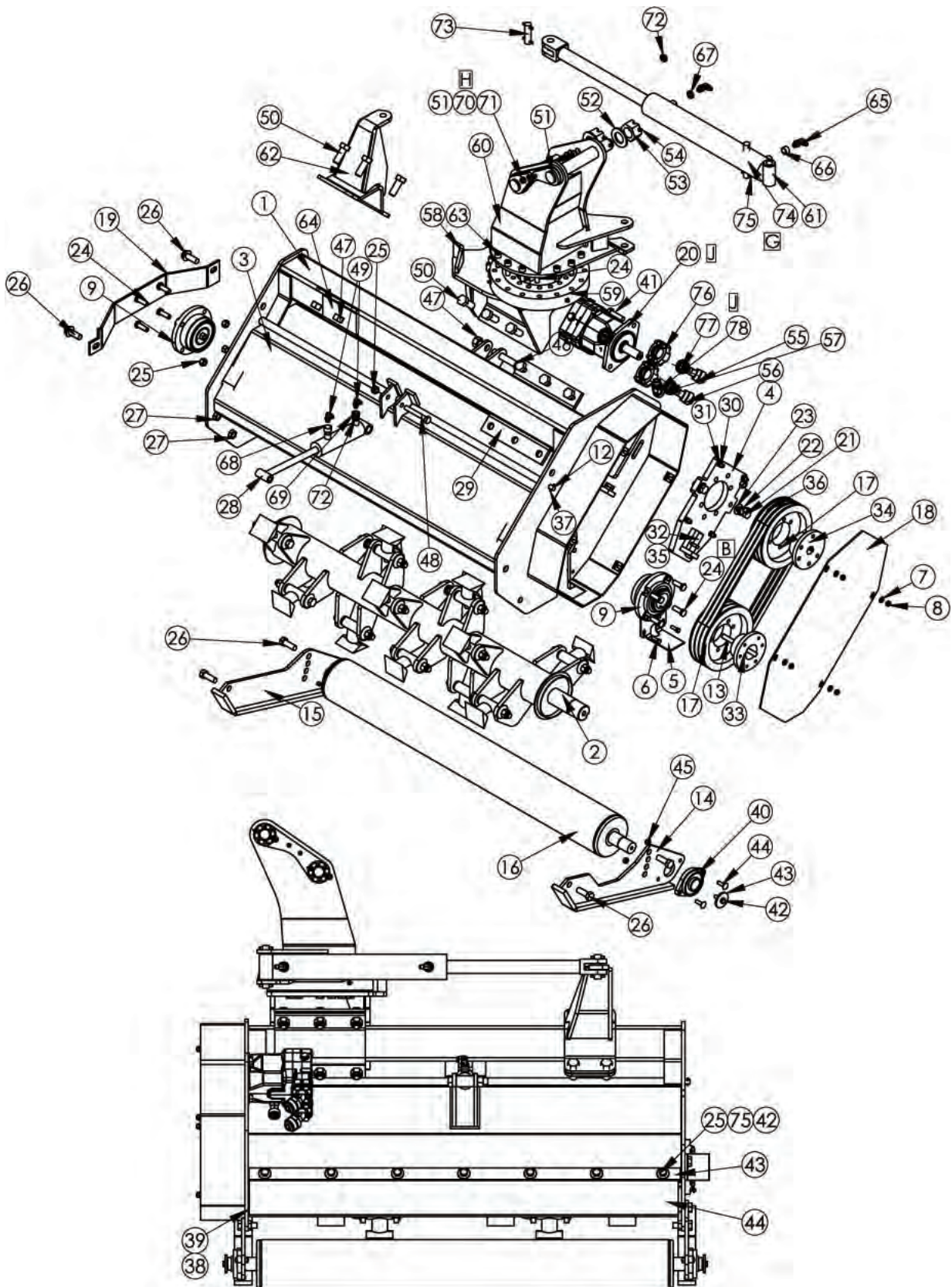


48 IN FLAIL AXE - HEAD ASY, SHD, GRASS, PISTON SN MF48 01558 TO CURRENT (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957041	2	ROLLER BEARING AND FLANGE
42	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
43	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
44	02970586	2	WASHER,2OD,7/16 ID X 3/16
45	000644	4	CARB 3/8 NC 1-1/4 PL5
46	00015800	4	LOCKNUT TLM 3/8-NC PLC
47	00003300	1	HEXB 3/4 NC 4 PL5
48	00037200	7	NUT,HEX TOPLOCK 3/4 NC GR.C PL
49	00764375	1	HHCS 1/2NC X 3-1/4 PL5
50	02960018	2	ADP HYD ELBOW 4MB-4MJ90
51	02918600	6	HEXB 3/4-10UNC 2 PL8
52	02981757	2	WELDMENT, PIN, HITCH POST
53	02971701	2	NUT SLOT 1-3/8 12NF PLB
54	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
55	02043600	2	ADP HYD ELBOW 16MB -16MJ 45
56	00696800	1	ADP HYD STGHT 8MB - 8MJ
57	02968896	1	VINYL TAPE BLUE 1/2" WIDE
58	02968894	1	VINYL TAPE RED 1/2" WIDE
59	02991249	1	VINYL TAPE GREEN 1/2" WIDE
60	02986218	1	WELDMENT, HITCH POST
61	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
62	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
63		4	
64	02971501	1	PLATE,S/N 48MACHETE FLAIL
65	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
66	03200521	1	STEP KEY 1/4 X 5/16
67	00011400	2	HEXB 3/8-16 X 1 PL5
68	02991555	1	VINYL TAPE WHITE 1/4" WIDE

48 IN FLAIL AXE - ASY, PISTON,SWIVEL SN MF48 01558 TO CURRENT (PART 1)

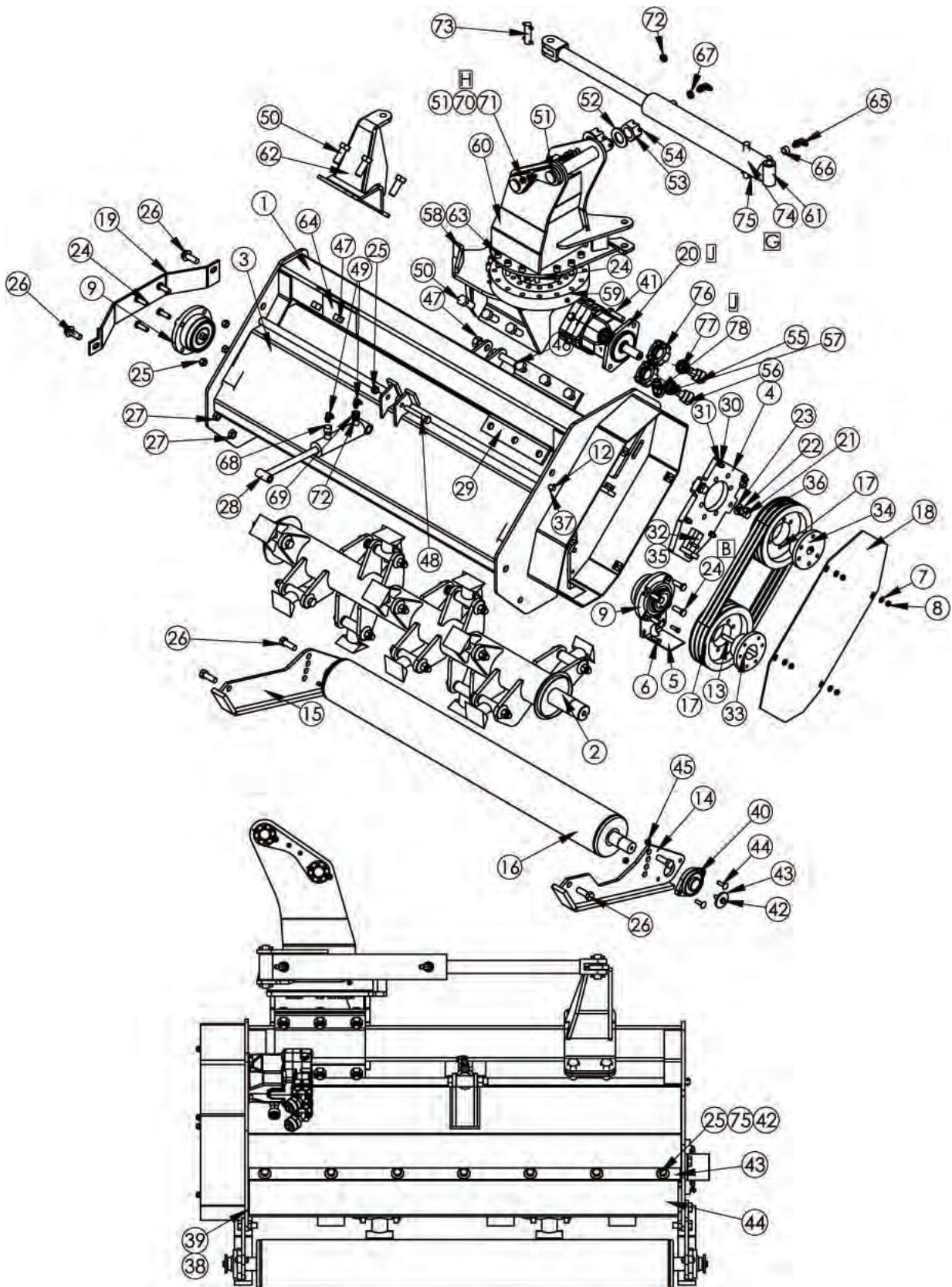


48 IN FLAIL AXE - ASY, PISTON,SWIVEL SN MF48 01558 TO CURRENT (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
0	0298262	1	48 IN FLAIL AXE HEAD ASY SWIVEL MNT W STD CUTTER SHAFT
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 7/8LG
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	02970763	1	MOTOR,PISTON-2.48 CU.IN./REV
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	11	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	02970725	1	HUB QD-SF 1-1/8DIA.BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00749138	7	NUT,1/2NF CENTERLOCK
39	00002700	7	FLATWASHER 1/2 PL STD
40	00001880	7	HHCS 1/2 NF 1-1/2 PL5

48 IN FLAIL AXE - ASY, PISTON,SWIVEL SN MF48 01558 TO CURRENT (PART 2)

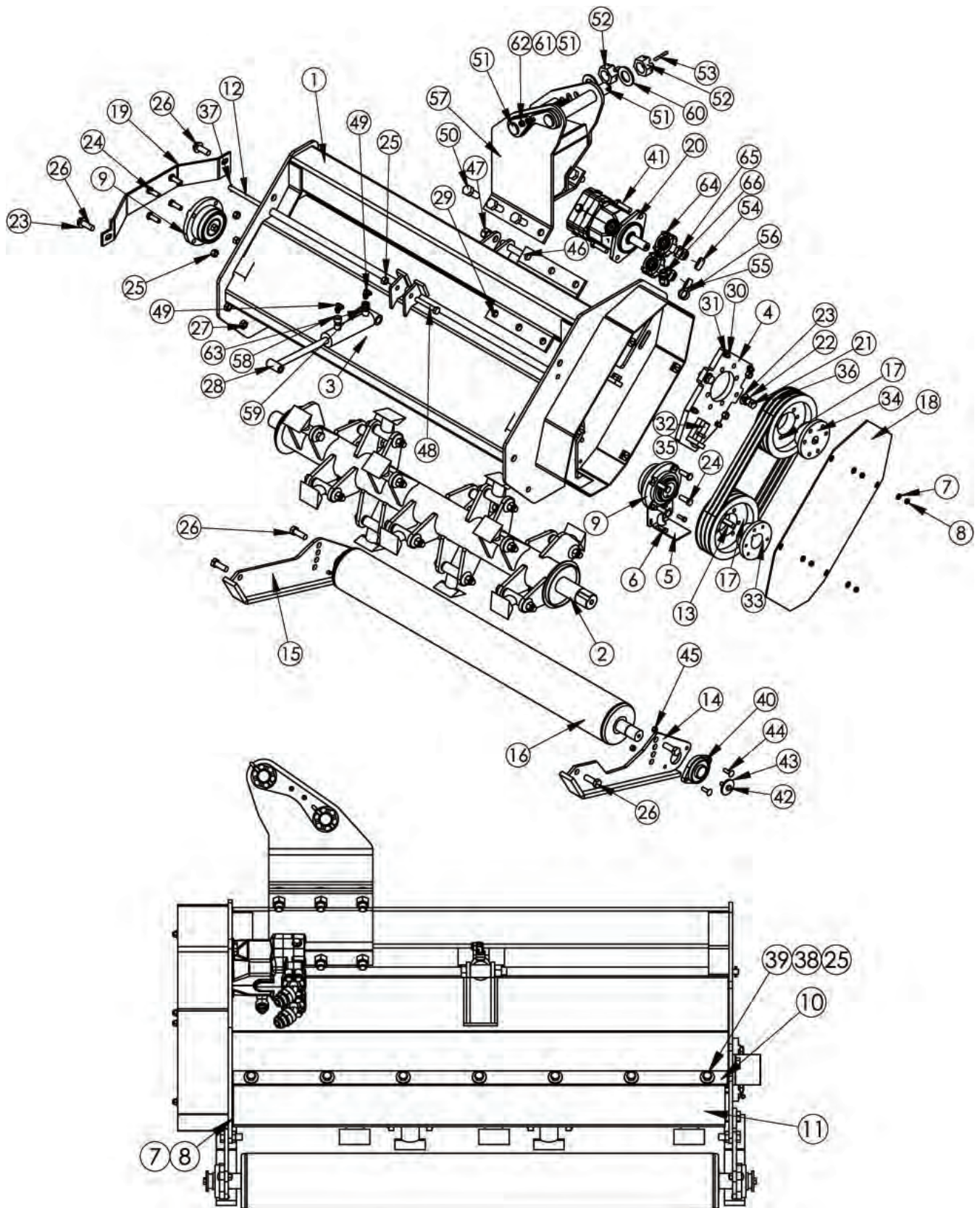


48 IN FLAIL AXE - ASY, PISTON, SWIVEL SN MF48 01558 TO CURRENT (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957041	2	ROLLER BEARING AND FLANGE
42	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
43	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
44	02970586	2	WASHER, 2OD, 7/16 ID X 3/16
45	000644	4	CARB 3/8 NC 1-1/4 PL5
46	00015800	4	LOCKNUT TLM 3/8-NC PLC
47	00003300	1	HEXB 3/4 NC 4 PL5
48	00037200	13	NUT, HEX TOPLOCK 3/4 NC GR.C PL
49	00752716	1	HHCS 1/2 NC 3-1/2 PL8
50	02960018	4	ADP HYD ELBOW 4MB-4MJ90
51	02918600	10	HEXB 3/4-10UNC 2 PL8
52	02981757	2	WELDMENT, PIN, HITCH POST
53	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
54	02971701	2	NUT SLOT 1-3/8 12NF PLB
55	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
56	02043600	2	ADP HYD ELBOW 16MB -16MJ 45
57	00696800	1	ADP HYD STGHT 8MB - 8MJ
58	02968896	1	VINYL TAPE BLUE 1/2" WIDE
59	02968894	1	VINYL TAPE RED 1/2" WIDE
60	02991249	1	VINYL TAPE GREEN 1/2" WIDE
61	02984370	1	ADP, SWIVEL, HITCHPOST
62	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
63	02985319	1	WELDMENT, HITCH POST
64	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
65	02984374	1	WLDMNT, MOUNT, CYLINDER
66	02981820	12	SHCS 1/2 NC 1-1/2 PL8
67	02963646	1	HHCS 3/4 NC 2-1/2 PL8
68	02981885	1	HHCS, 3/4-10UNC x 4 3/4" PL8
69	02984382	1	CLAMP, PLATE, SWIVEL
70	02968832	1	VINYL TAPE GREEN 1/2" WIDE
71	02968833	1	VINYL TAPE GREEN 1/4" WIDE
72	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
73	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
74		4	
75	02971501	1	PLATE, S/N 48MACHETE FLAIL
76	03200521	1	STEP KEY 1/4 X 5/16
77	00011400	2	HEXB 3/8-16 X 1 PL5
78	02991555	2	VINYL TAPE WHITE 1/4" WIDE

48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 1)

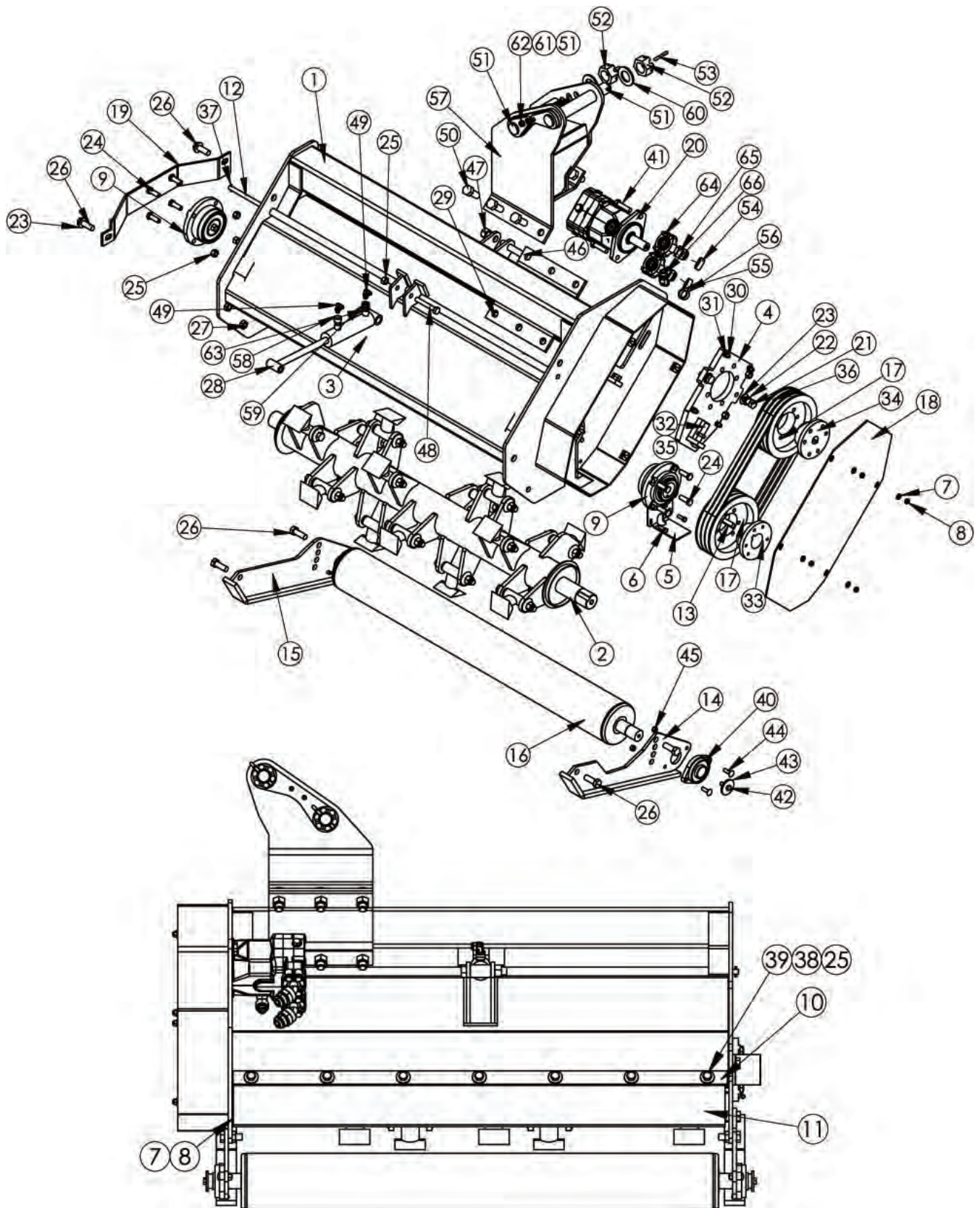


48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
0	02986254	1	48 IN FLAIL AXE - ASY, PISTON
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	02970763	1	MOTOR, PISTON-2.48 CU. IN./REV
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	11	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	02970725	1	HUB QD-SF 1-1/8 DIA. BORE
35	00013500	3	NUT JAM HEX 5/8 NC PL
36	02970539	3	V-BELT
37	02956768	2	PIN ROLL 5/32X1
38	00749138	7	NUT, 1/2NF CENTERLOCK
39	00002700	7	FLATWASHER 1/2 PL STD
40	00001880	7	HHCS 1/2 NF 1-1/2 PL5

48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 2)



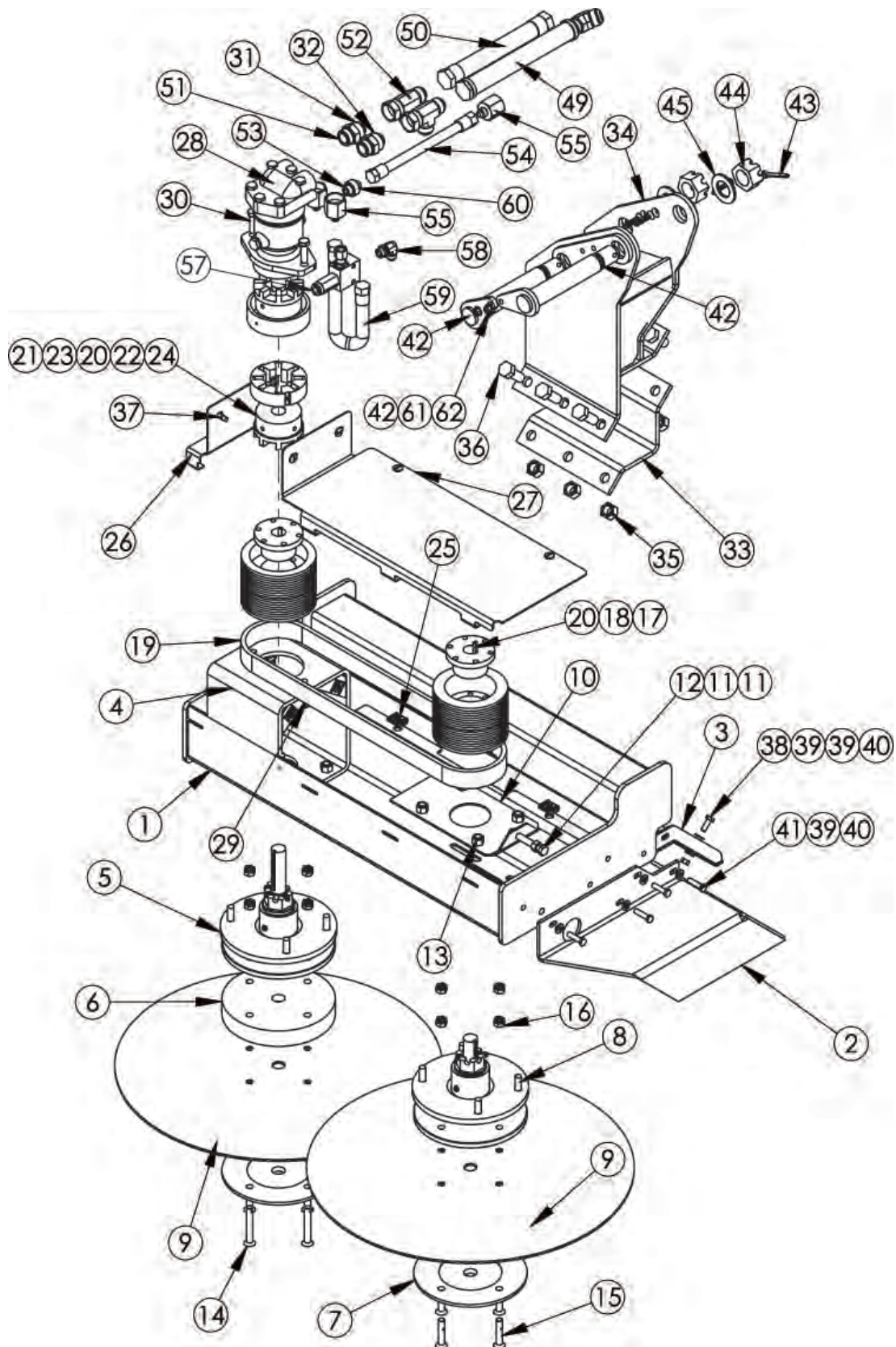
48 IN FLAIL AXE - ASY, PISTON SN MF 48 01558 TO CURRENT (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957041	2	ROLLER BEARING AND FLANGE
42	00013300	2	HHCS 1/2 NC X 2 GR.5 PL
43	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
44	02970586	2	WASHER,2OD,7/16 ID X 3/16
45	000644	4	CARB 3/8 NC 1-1/4 PL5
46	00015800	4	LOCKNUT TLM 3/8-NC PLC
47	00003300	1	HEXB 3/4 NC 4 PL5
48	00037200	7	NUT,HEX TOPLOCK 3/4 NC GR.C PL
49	00764375	1	HHCS 1/2NC X 3-1/4 PL5
50	02960018	2	ADP HYD ELBOW 4MB-4MJ90
51	02918600	6	HEXB 3/4-10UNC 2 PL8
52	02981757	2	WELDMENT, PIN, HITCH POST
53	02971701	2	NUT SLOT 1-3/8 12NF PLB
54	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
55	02043600	2	ADP HYD ELBOW 16MB -16MJ 45
56	00696800	1	ADP HYD STGHT 8MB - 8MJ
57	02968896	1	VINYL TAPE BLUE 1/2" WIDE
58	02968894	1	VINYL TAPE RED 1/2" WIDE
59	02991249	1	VINYL TAPE GREEN 1/2" WIDE
60	02986218	1	WELDMENT, HITCH POST
61	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
62	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
63		4	
64	02971501	1	PLATE,S/N 48MACHETE FLAIL
65	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
66	03200521	1	STEP KEY 1/4 X 5/16
67	00011400	2	HEXB 3/8-16 X 1 PL5
68	02991555	1	VINYL TAPE WHITE 1/4" WIDE

SECTION 30 BUZZ BARS

BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 1)

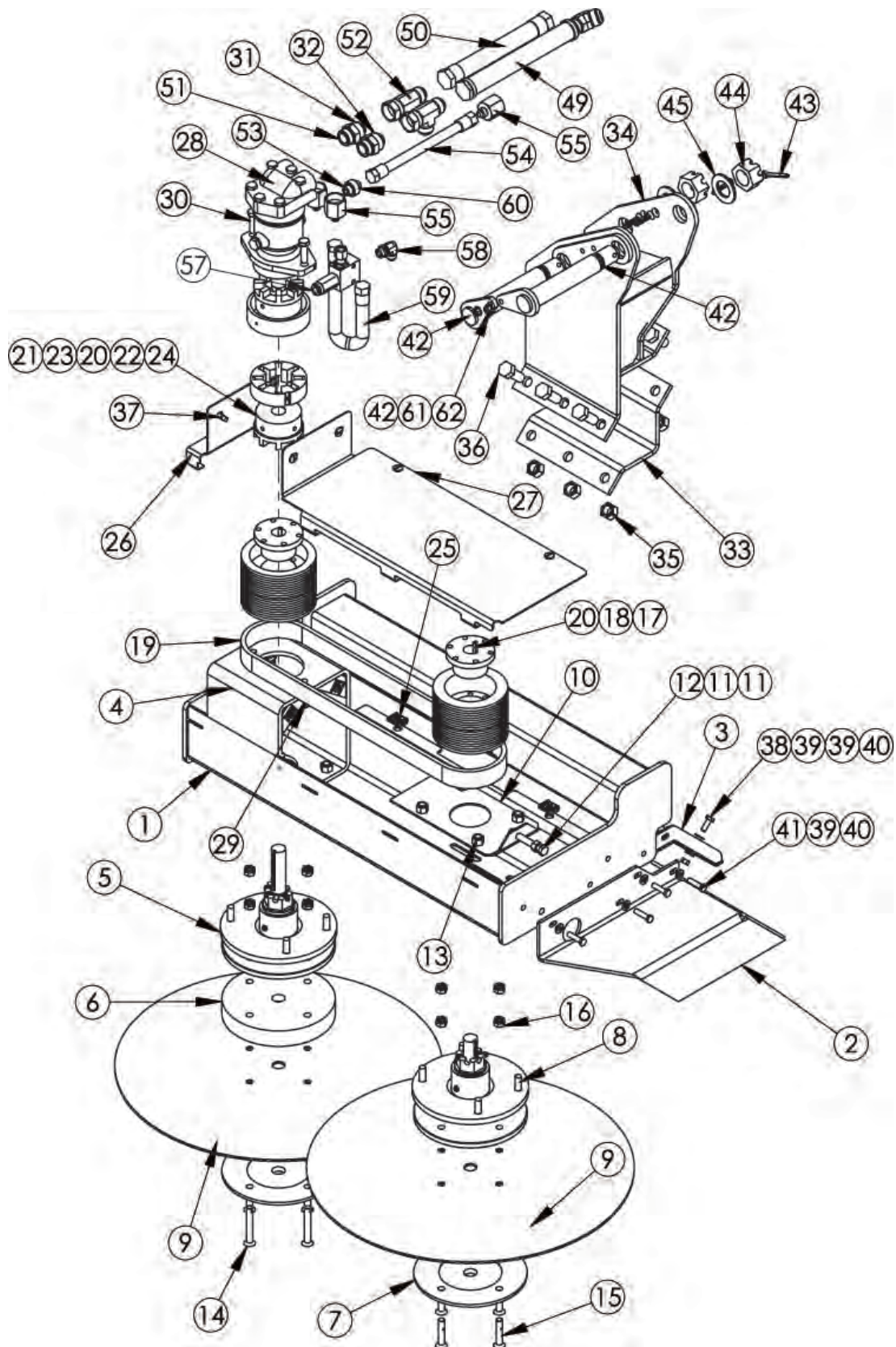


BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 1)

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

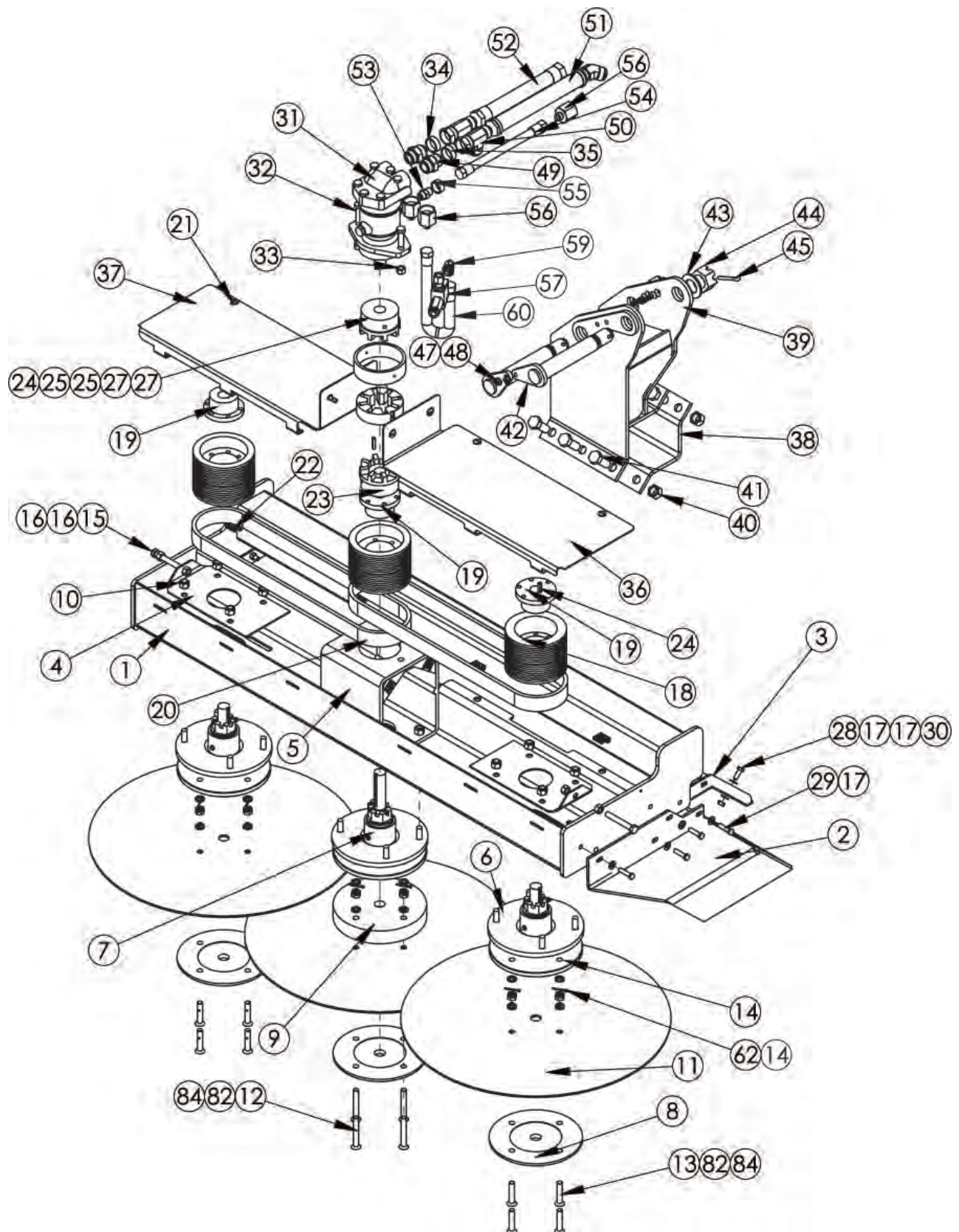
BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 2)



BUZZBAR ASY - 48 IN 2 BLADES PN 02986236 (PART 2)**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

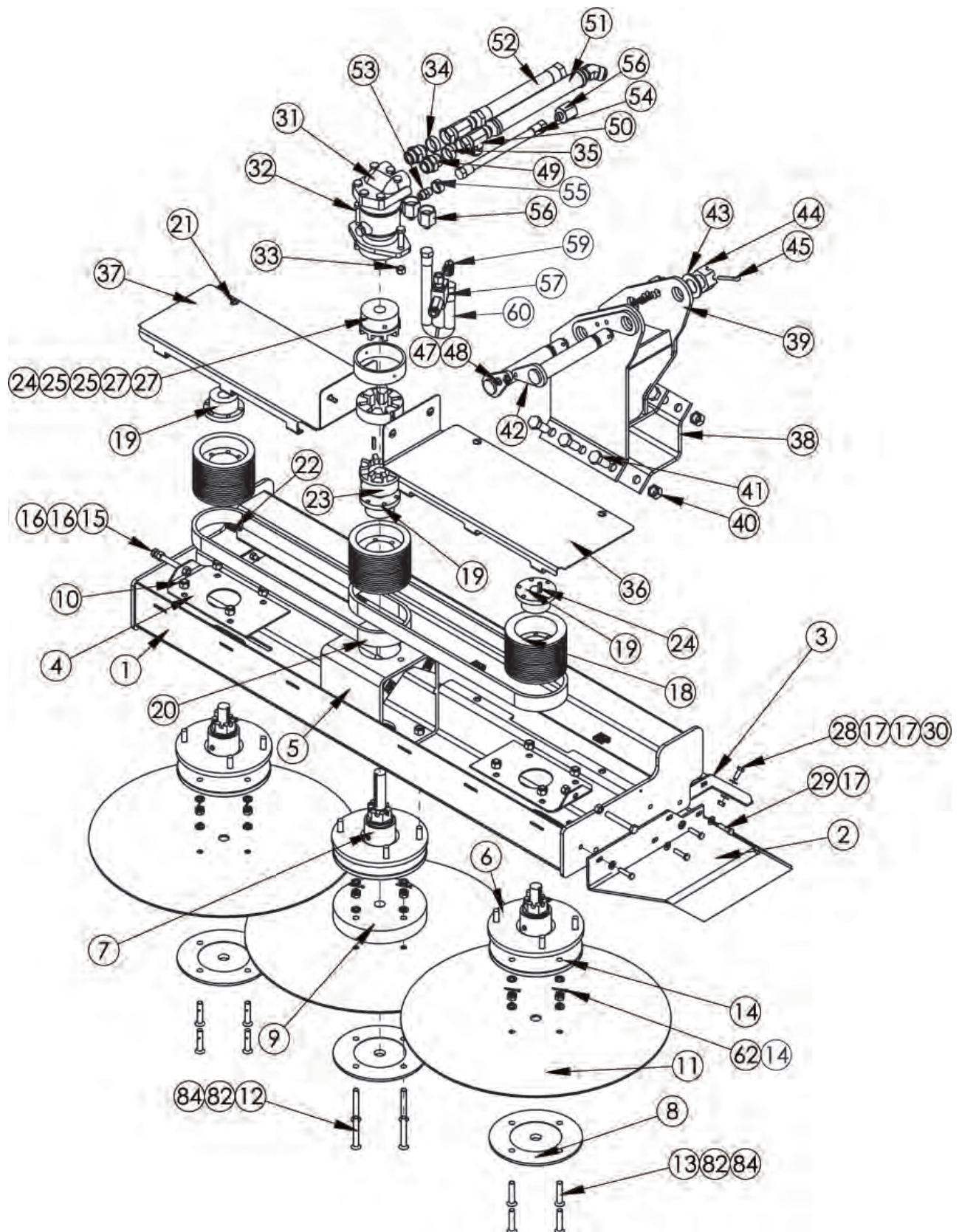
BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 1)



BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 1)**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

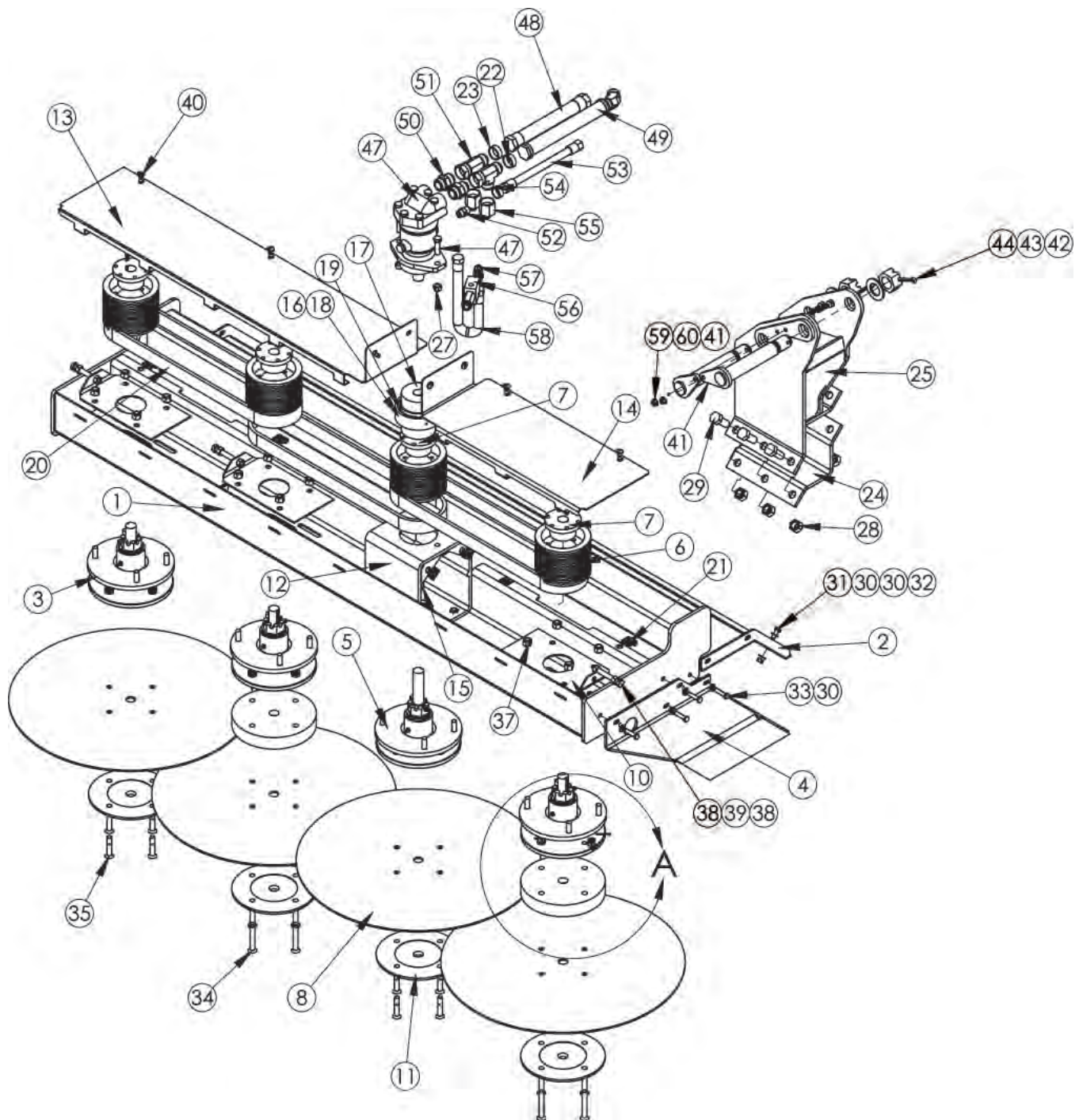
BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 2)



BUZZBAR ASY - 69 IN - 3 BLADES PN 02986237 (PART 2)**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 - 4 BLADES PN 02986245 (PART 1)

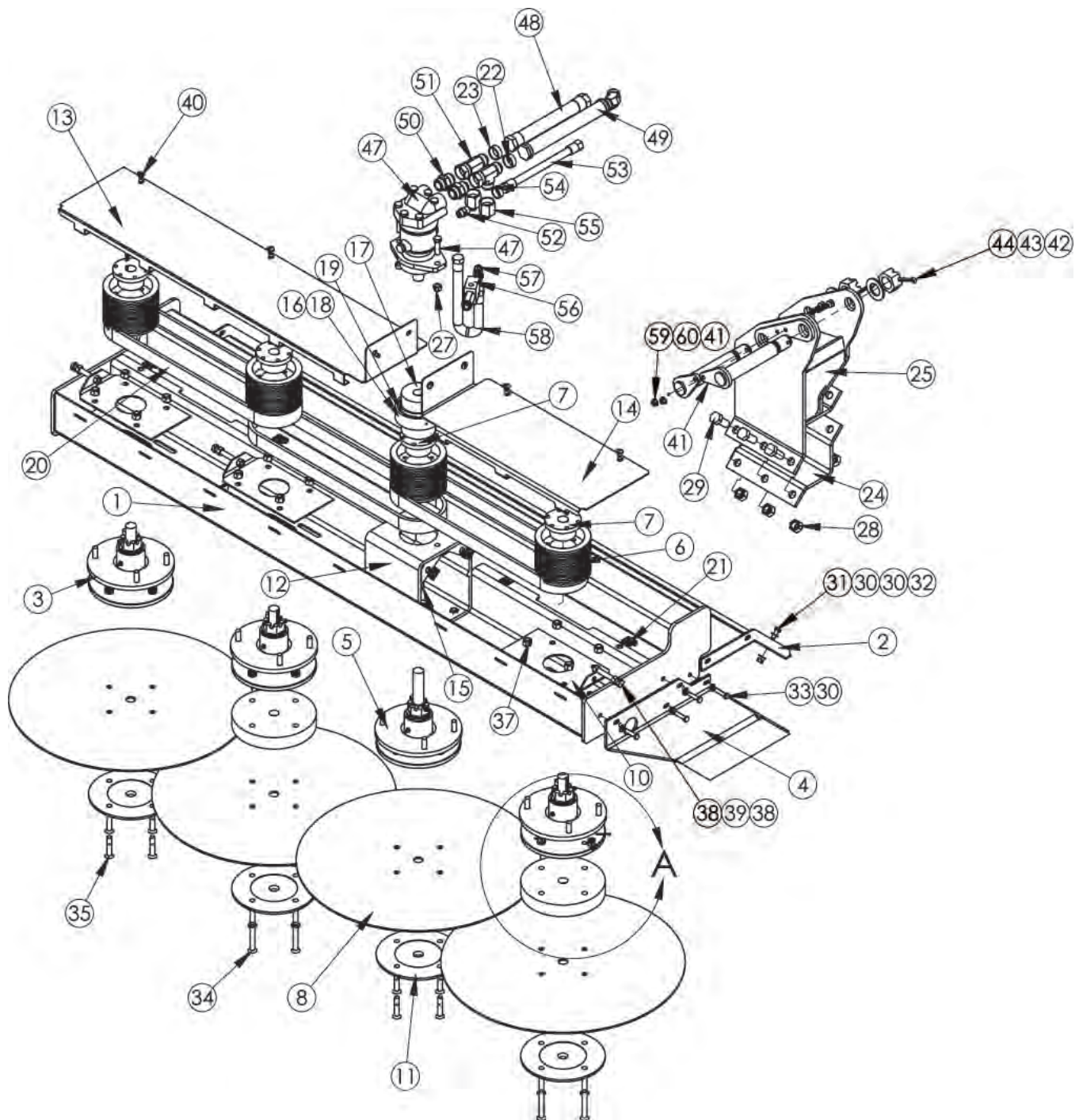


ITEM	PART NO.	QTY.	DESCRIPTION
1	02983633	1	WELDMNT, SAW BODY, 4 BLADE
2	02974212	1	WLDMT SHIELD REAR
3	02974235	3	ASY SPINDLE
4	02974207	1	BUMPER
5	02978249	1	ASY,DRIVE SPINDLE

BUZZBAR ASY - 90 IN - 4 BLADES PN 02986245 (PART 1)**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 - 4 BLADES PN 02986245 (PART 2)



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

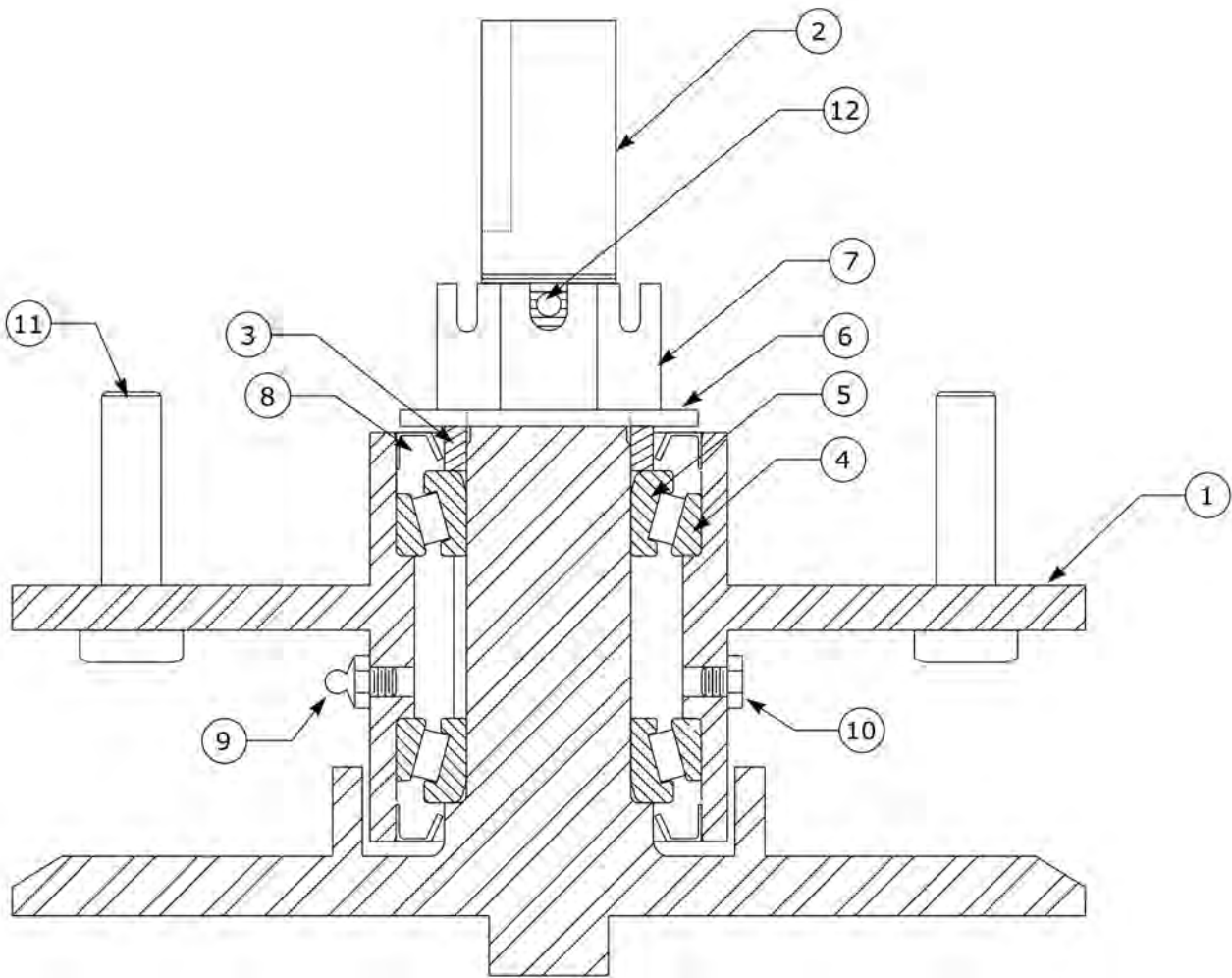
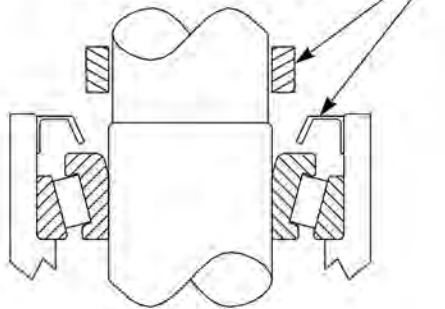
BUZZBAR ASY - 90 IN - 4 BLADES PN 02986245 (PART 2)**Continued...**

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

BUZZ BAR SPINDLE ASSEMBLY

UPPER SEAL INSTALLATION

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



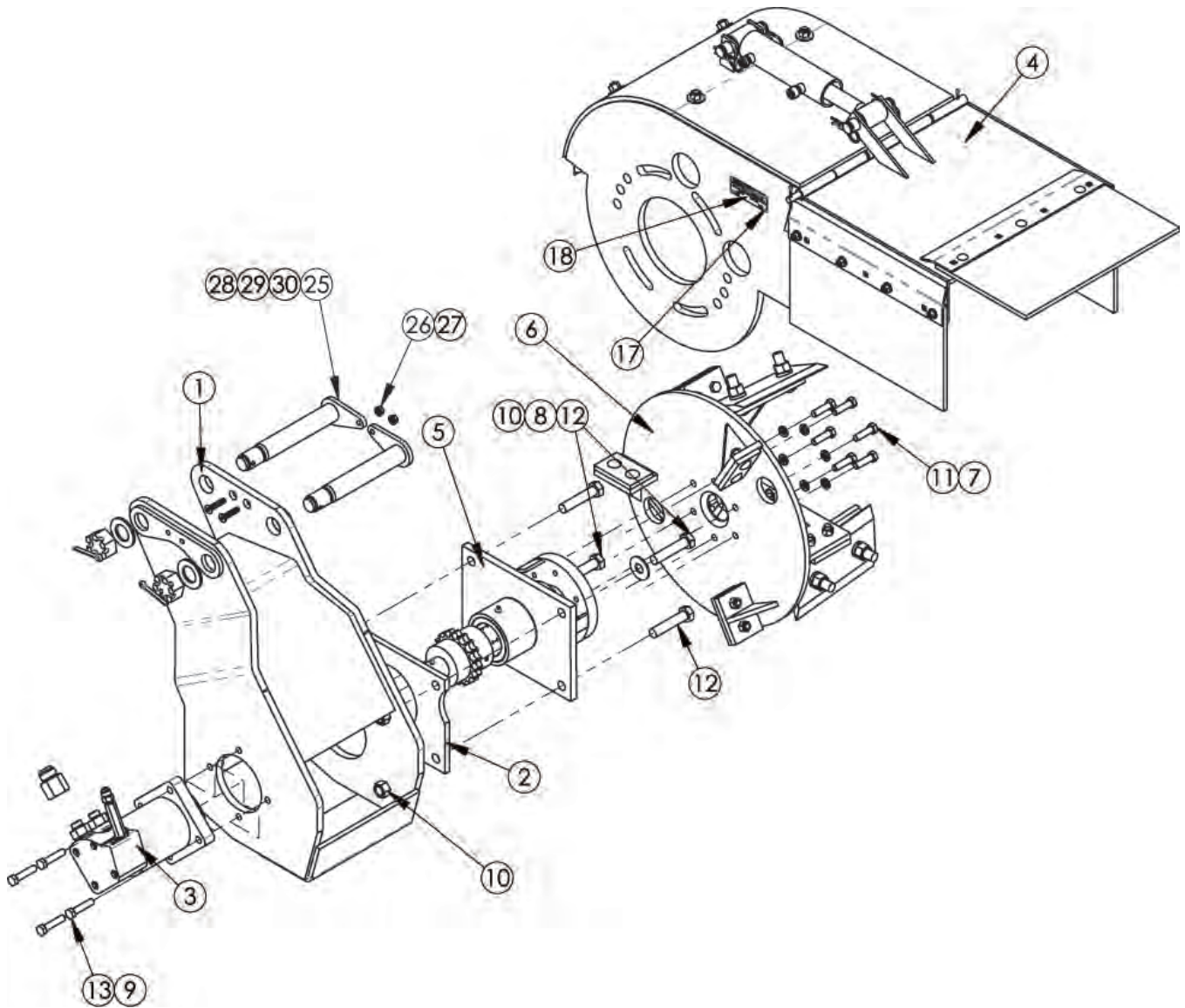
BUZZ BAR SPINDLE ASSEMBLY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02974235	1	ASSEMBLY SPINDLE SHAFT
1	02974224	1	HOUSING, MACHINED
2	02978472	1	WLDMT, SHAFT W/ ANTI-WRAP
3	02974234	1	COLLAR, BEARING PRELOAD
4	70044	2	BEARING CUP
5	5312314	2	BEARING ROLLER
6	15C2000	1	WASHER, HARDENED
7	5D20120	1	NUT, HEX SLOTTED
8	00766549	2	SEAL
9	00003500	1	GREASE FITTING, 1/8 MP STRGHT
10	02959018	1	GREASE VENT 1/8 MP, 1-5 LB
11	00752177	4	STUD
12	00606000	1	COTTER PIN

SECTION 40 DITCHERS

DITCHER ASSEMBLY (PART 1) PN 02988100



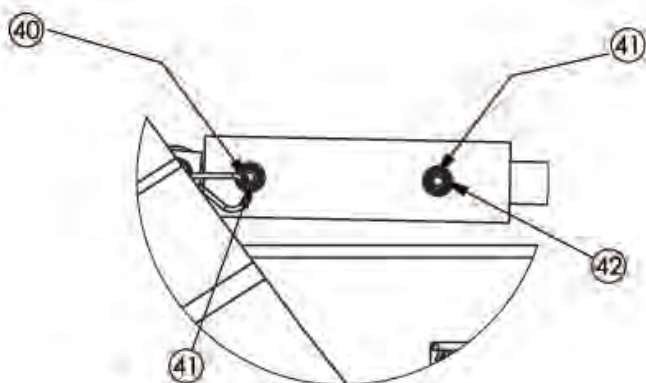
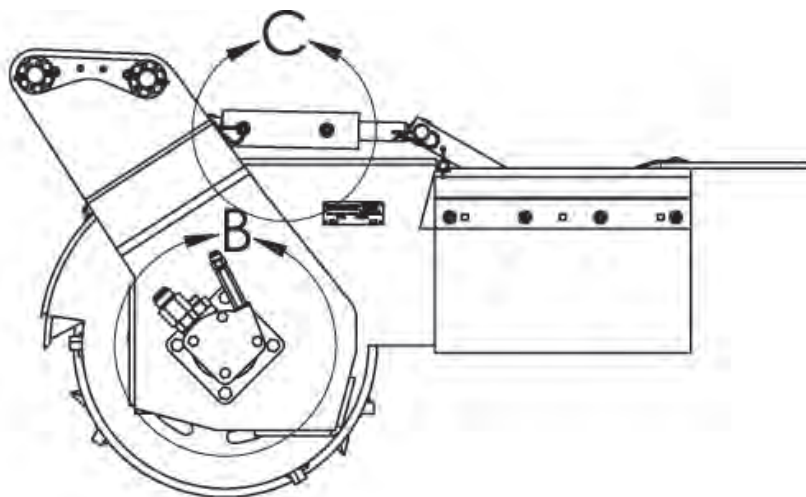
ITEM	PART NO.	QTY.	DESCRIPTION
1	02988101	1	MACH, WLDMT, HITCHPOST
2	02973583	1	PLATE SPACER ON DITCHER
3	02977703	1	MOTOR GEROLER 7.95 CID
4	02873900	1	BLADE, HSG ASY
5	02973336	1	ASY SPINDLE
6	02875301	1	BLADE, HEAD ASY. ROUGH CUT
7	00001300	6	WASHER, LOCK 1/2 GR8 - YDP
8	00002701	2	FLATWASHER, 3/4, 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 ASSEMBLY (PART 1) PN 02988100

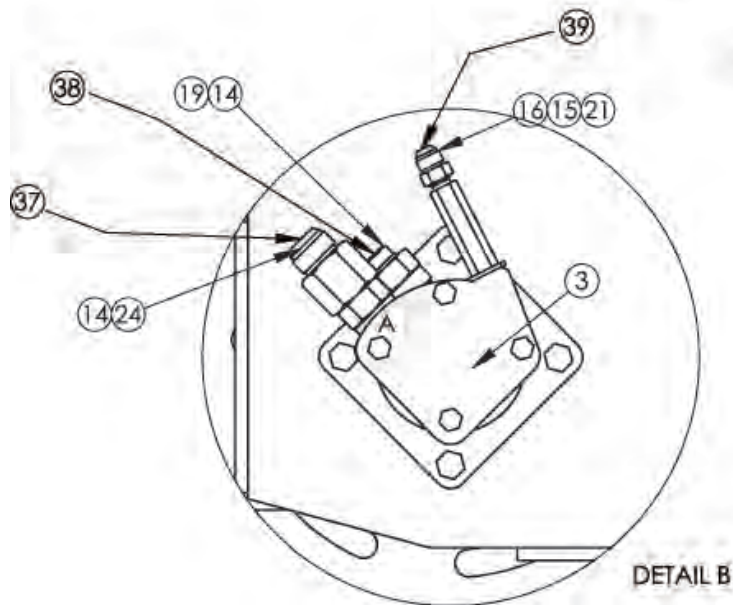
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
13	02027400	4	HHCS 1/2 NC 2-1/4 PL5
17		4	
18	02984510	1	PLATE S/N DITCHER ON MAVERICK
19	02968894	1	VINYL TAPE RED 1/2" WIDE
20	02968896	1	VINYL TAPE BLUE 1/2" WIDE
25	02988111	2	WELDMENT, PIN,HTCHPST-10.625LG
26	02995908	2	NUT SPRLCK FLG 3/8-16 PL
27	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
28	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
29	02971701	2	NUT SLOT 1-3/8 12NF PLB
30	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW

DITCHER ASSEMBLY (PART 2) PN 02988100



DETAIL C



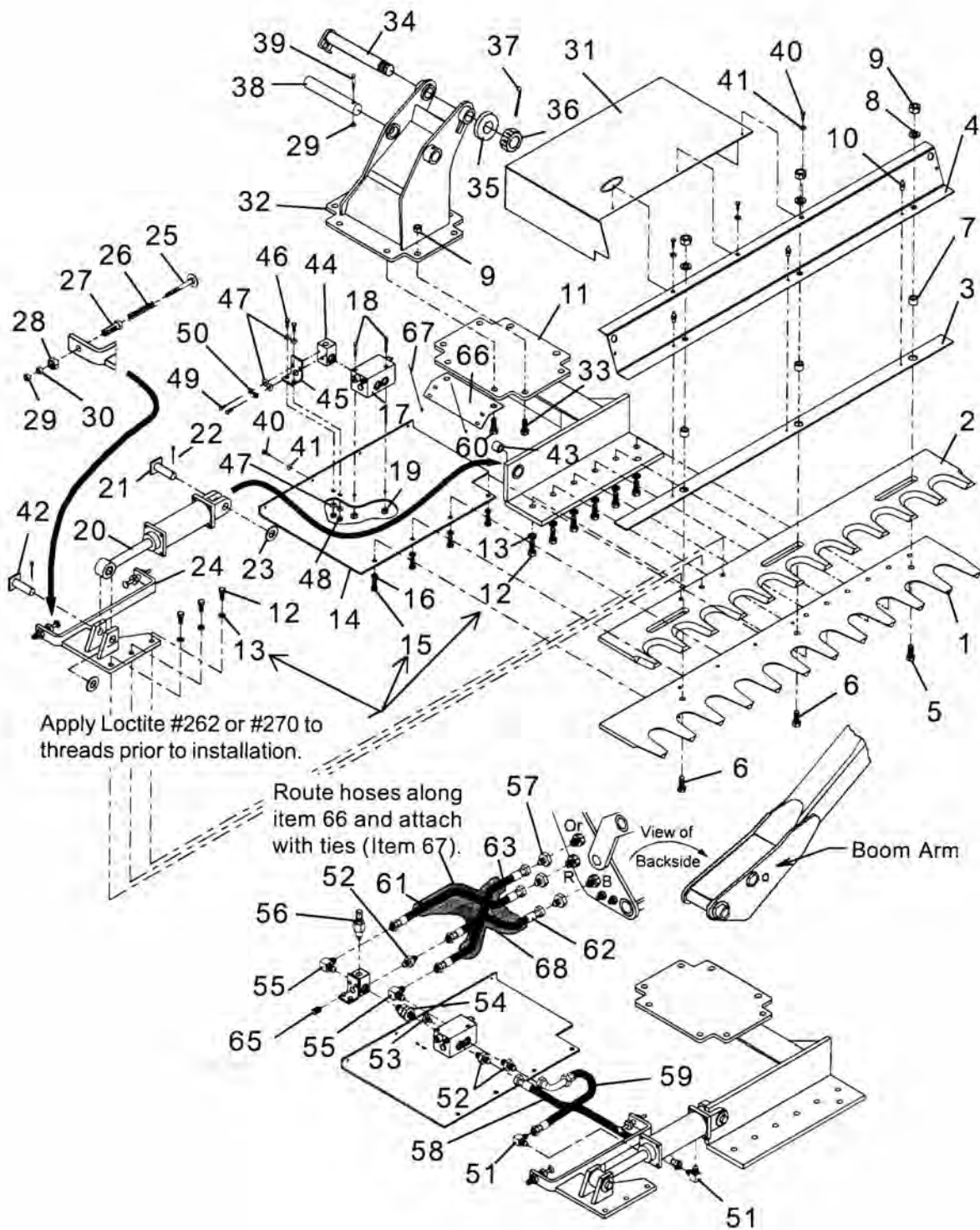
DETAIL B

DITCHER ASSEMBLY (PART 2) PN 02988100

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
3	02977703	1	MOTOR GEROLER 7.95 CID
14	02980373	2	ADP HYD STGHT 10MB - 16MJ
15	02980686	1	RELIEF VALVE INLINE 160 PSI
16	00770346	1	ADP HYD STGHT 6MB-8MJ
21	02968895	1	VINYL TAPE BLUE 1/2" WIDE
24	02973587	1	ADP HYD STGHT 16MJ - 16FJX
26	02995908	2	NUT SPRLCK FLG 3/8-16 PL
27	02995907	2	FSCS 3/8-16 X 1-3/4 PL8
37	02984539	1	HOSE #16-16FJX-16FJX90-62LG
38	02984538	1	HOSE #16-16FJX-16FJX-90-54LG
39	02984540	1	HOSE #8-8FJX -8FJX90-54LG
40	02984541	1	HOSE #4-4FJX-4FJX90-80LG
41	02984542	1	HOSE #4-4FJX-4FJX90-88LG
42	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
43	02968837	1	VINYL TAPE YELLOW 1/4" WIDE

5 AND 7 FT TIMBERCAT ASSY (PART1)



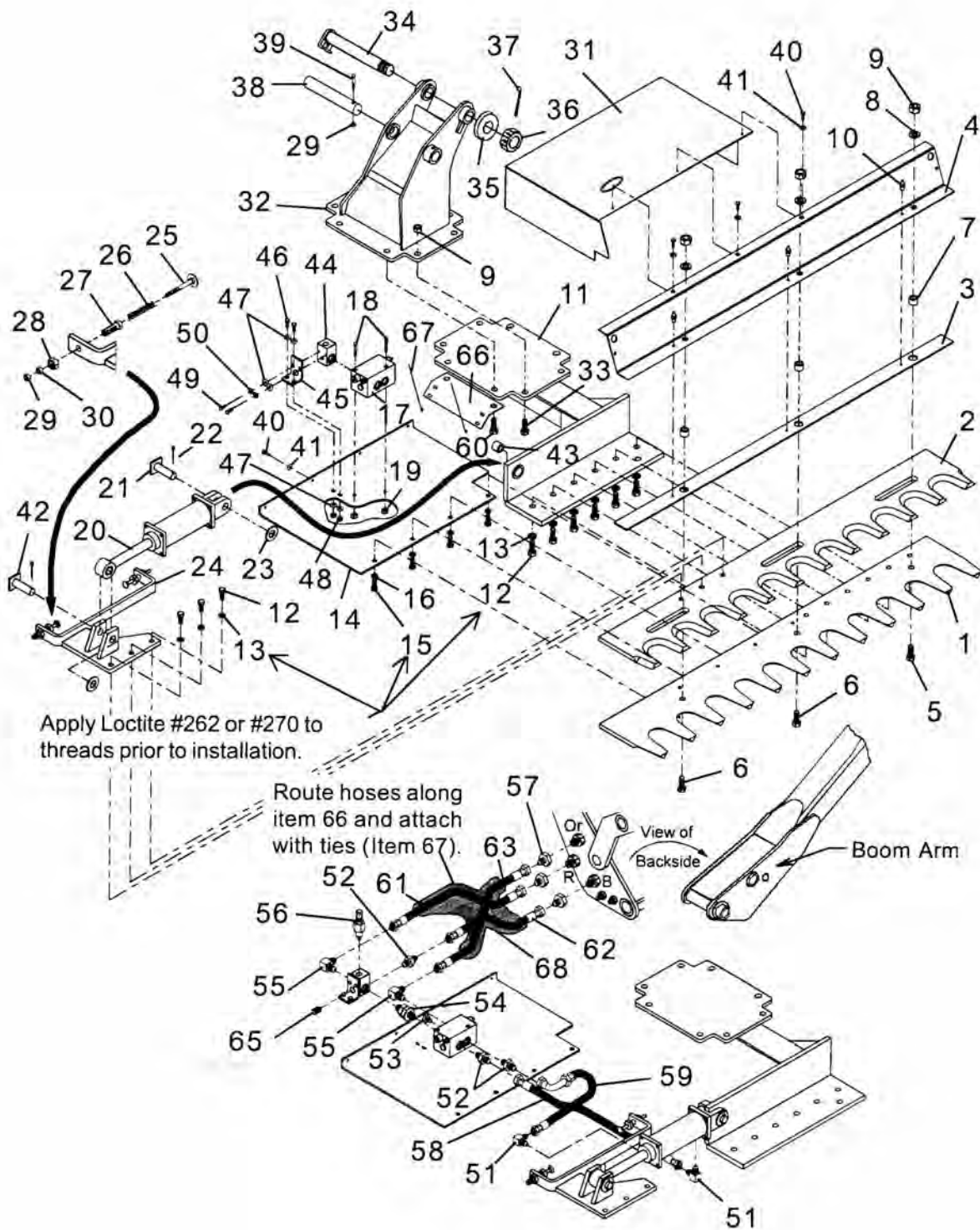
5 AND 7 FT TIMBERCAT ASSY (PART1)

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

32122166P - Machete 3 (09-20)_09-20

5 AND 7 FT TIMBERCAT ASSY (PART2)



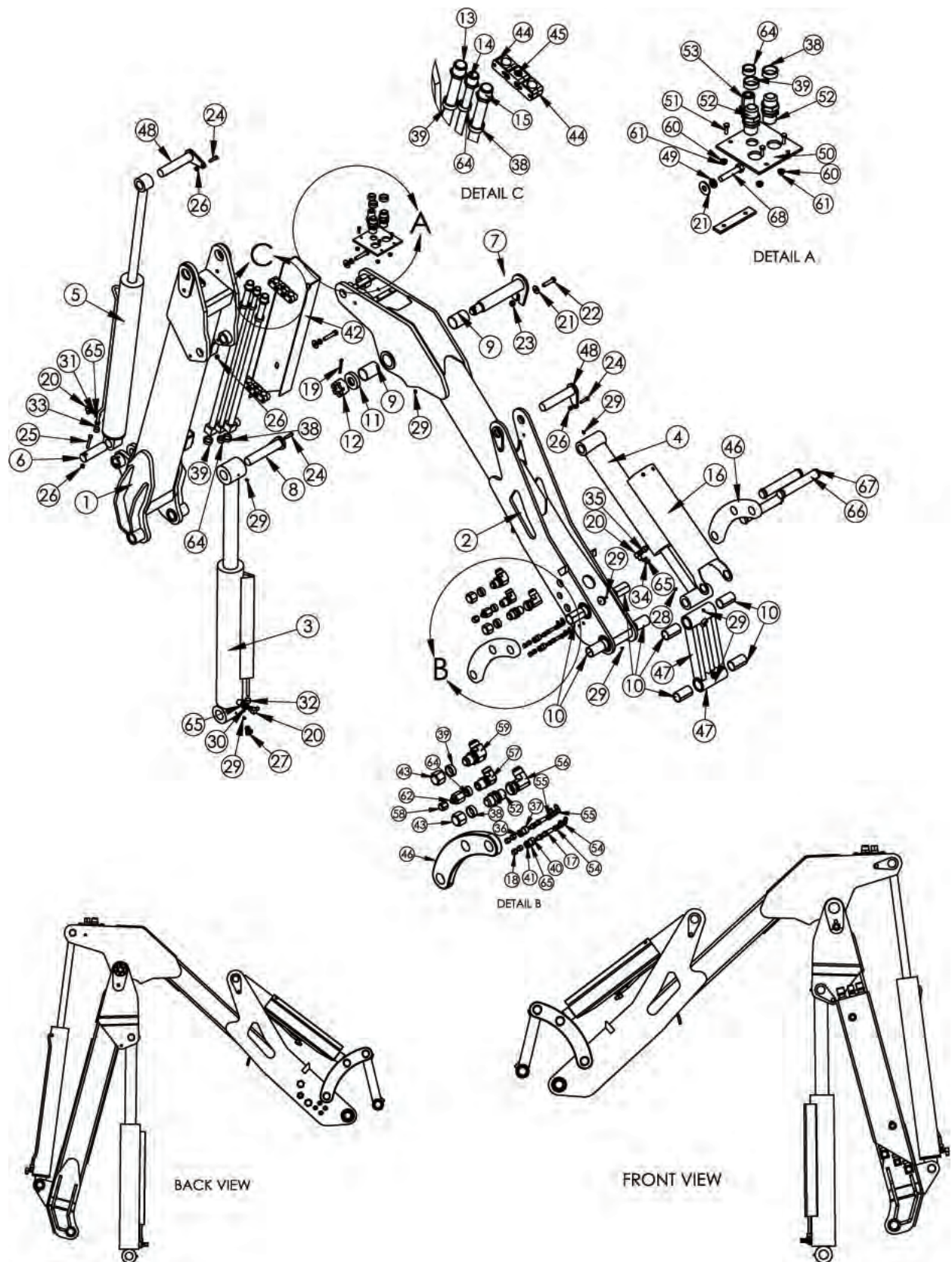
5 AND 7 FT TIMBERCAT ASSY (PART2)

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

SECTION 50 BOOMS

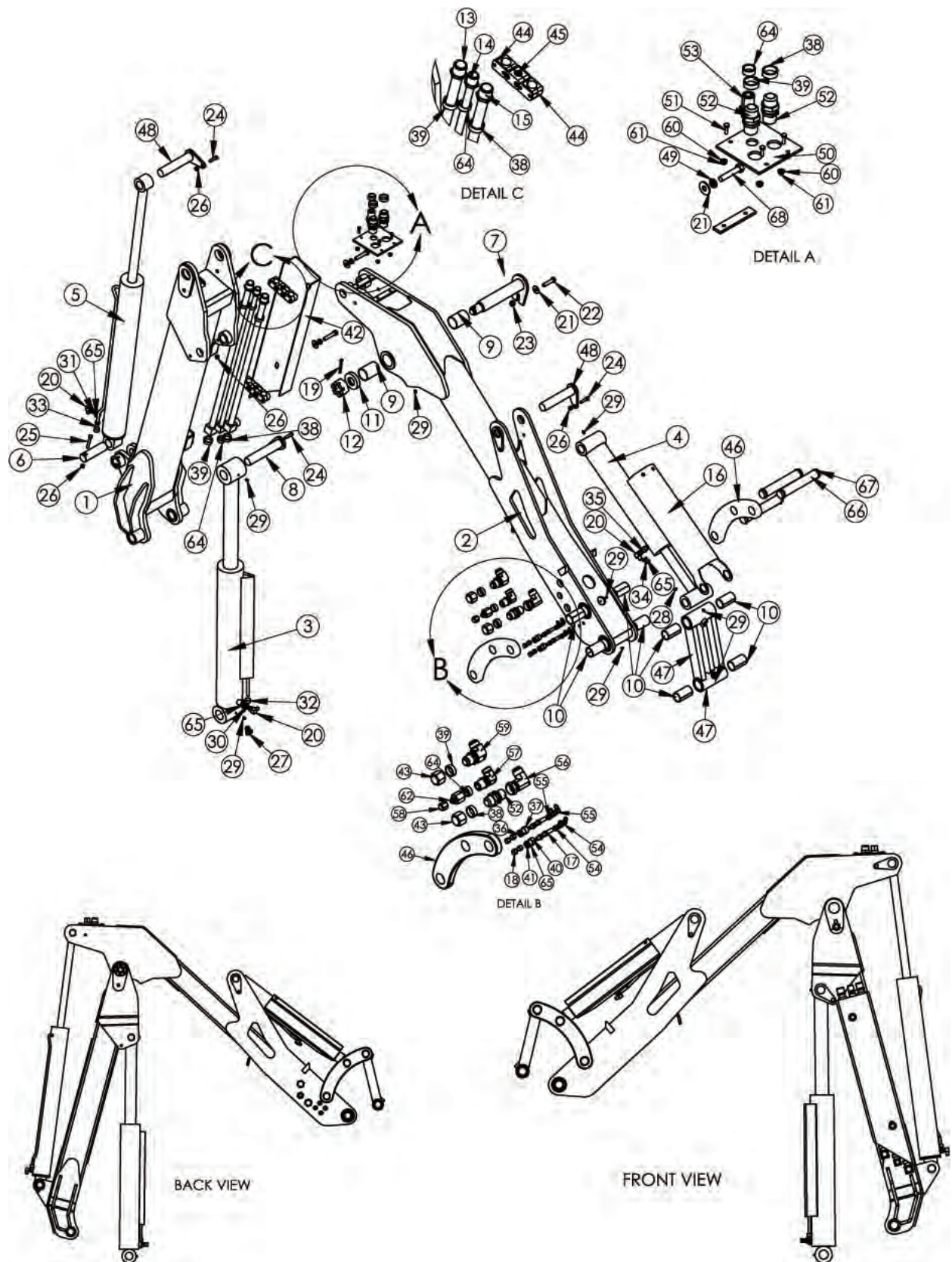
BOOM ASY - 18 FT BOOM (PART 1) PN 32121486



BOOM ASY - 18 FT BOOM (PART 1) PN 32121486**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	02986896	1	WELDMNT, LIFT SECTION
2	02983707	1	WLDMNT, DIPPER, 18' GEN2 H.F.
3	02981279	1	CYLINDER, 4.0B X 2.25R X24.63S
4	02984944	1	CYLINDER, 3.5B X 1.75R X16S
5	02983320	1	CYLINDER, 3.5B X 1.5R X 30.0S
6	02971751	1	PIN, 1-1/2 X 5-3/16 CHROME
7	02981294	1	WLD`MT PIN, DIPPER / LIFT, MVB
8	02982981	1	WLD`MT, CYL PIN LONG, AXTREME
9	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
10	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
11	02981273	1	PIN SPACER, DIPPER
12	02981702	1	SLOTTED NUT, 1-1/2 NF
13	02984819	1	HYDRAULIC TUBE, #16
14	02984818	1	HYDRAULIC TUBE, #12
15	02984817	1	HYDRAULIC TUBE, #16
16	02985273	1	ASSEMBLY, TILT CYLINDER COVER
17	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
18	02919600	4	CAP-NUT #4FJ
19	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
20	63149100	3	ADP HYD ELBOW 6MB-6MJ90
21	00002700	3	FLATWASHER 1/2 PL STD
22	02975436	1	HHCS 1/2 NC 2-1/4 PL
23	00001800	1	LOCKNUT TLM 1/2 NC PLC
24	00023100	3	HHCS 3/8 -16UNC 1-1/2 PL5
25	02970595	1	HHCS 3/8 NC 2-3/4 PL8
26	00015800	4	LOCKNUT TLM 3/8-NC PLC
27	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
28	000941	1	GREASE FITTING,1/4-28X90
29	00752670	8	FITTING,GREASE-STR 1/4-28 UNF
30	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
31	02968831	1	VINYL TAPE BLUE 1/4" WIDE
32	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
33	02968830	1	VINYL TAPE BLUE 1/2" WIDE
34	02968829	1	VINYL TAPE RED 1/4" WIDE
35	02968828	1	VINYL TAPE RED 1/2" WIDE
36	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
37	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
38	02968894	4	VINYL TAPE RED 1/2" WIDE
39	02968896	4	VINYL TAPE BLUE 1/2" WIDE
40	02968832	1	VINYL TAPE GREEN 1/2" WIDE

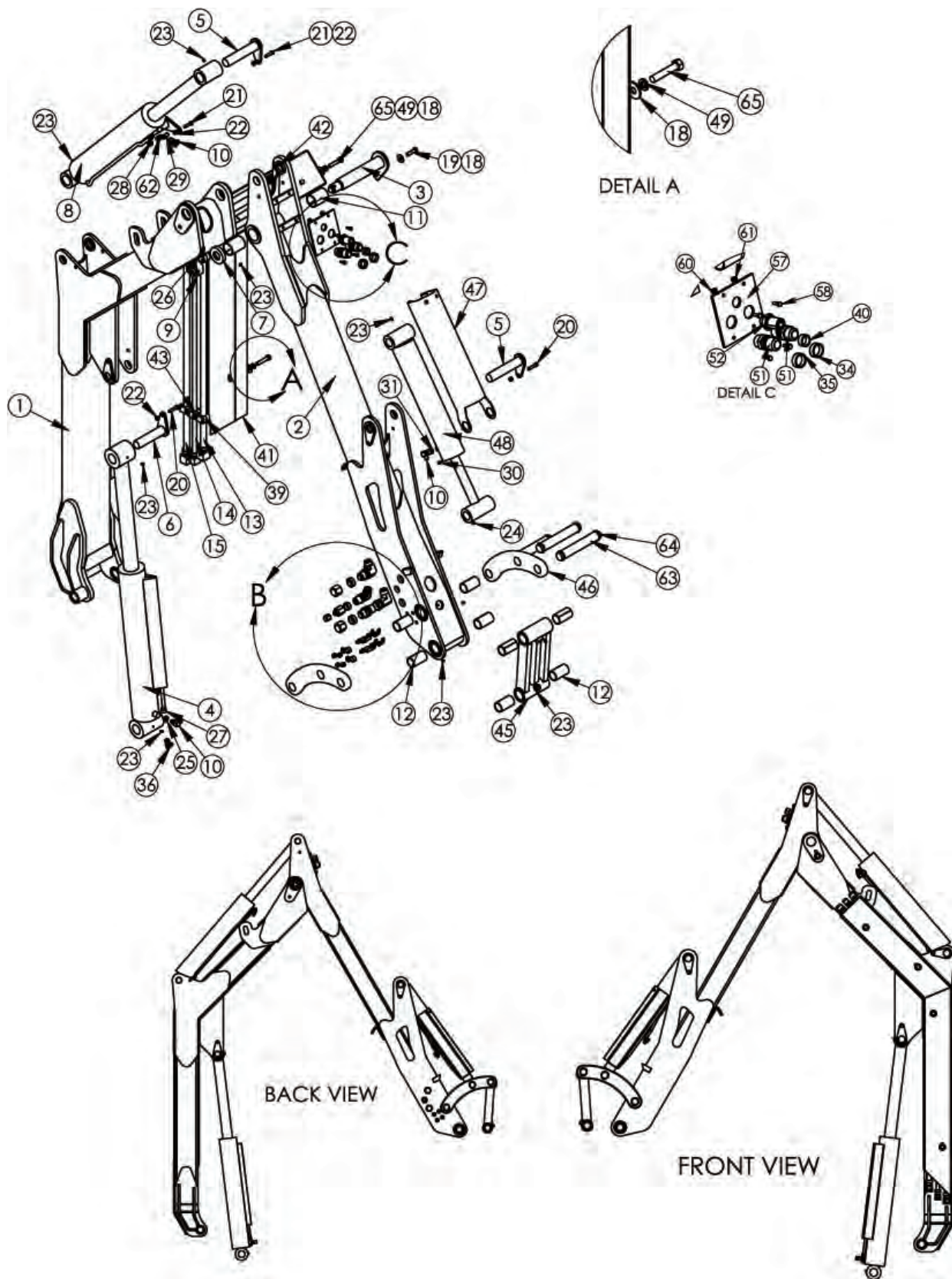
BOOM ASY - 18 FT BOOM (PART 2) PN 32121486



BOOM ASY - 18 FT BOOM (PART 2) PN 32121486**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02968833	1	VINYL TAPE GREEN 1/4" WIDE
42	02984821	1	COVER, LIFT TUBE COVER
43	02956918	2	CAP, HYD #16FJIC
44	03200375	4	CLAMP
45	02984868	2	CLAMP
46	02994231	2	PLATE, LINKAGE
47	02986074	1	WELDMENT, LINKAGE
48	02982979	2	WLD`MT, CYL PIN, AXTRME
49	00019600	2	LOCKWASHER, 1/2, HVY, PL
50	02985978	1	PLATE, BULKHEAD
51	000860	4	HHCS 1/4 NC 7/8 PL5
52	00751846	3	ADP HYD STGHT 16MJ-16MJ BLKHD
53	00751472	1	BULK HEAD ADAPTER #12 MJIC
54	02976532	2	ADP HYD ELBOW 4MJ - 4FJX 45DEG
55	02962022	2	ADP HYD ELBOW 4MJ-4FJX90
56	02956851	1	ADP HYD ELBOW 16MJ -16FJX 90
57	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
58	02972910	1	ADP HYD CAP 8FJ
59	02742500	1	ADP HYD ELBOW 16MJ-16MJ90 BKHD
60	00024100	4	FLATWASHER STD 1/4 PL
61	00024000	4	NUT HEX 1/4 NC PL
62	02970609	1	ADP HYD STGHT 12FJ - 8MJ
64	02991249	4	VINYL TAPE GREEN 1/2" WIDE
65	02991555	5	VINYL TAPE WHITE 1/4" WIDE
66	02994104	3	PIN, DBL SNAP RING, TILT LINK
67	02994201	6	SNAP RING, EXT HD, 1-1/2 PIN
68	02788400	2	HEXB 1/2 NC 2-1/2PL5

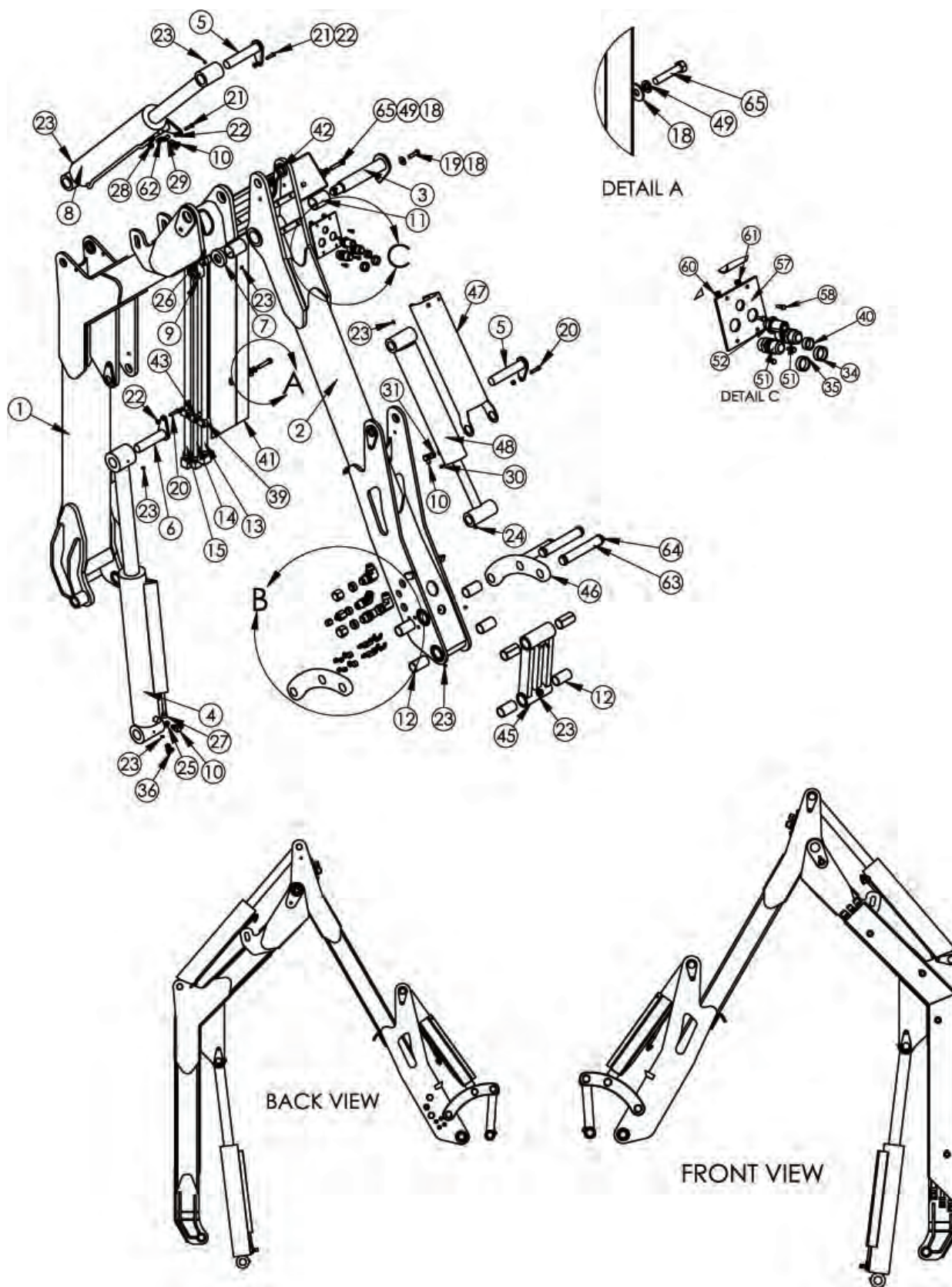
BOOM ASY - 22 FT BOOM (PART 1) PN 32121484



BOOM ASY - 22 FT BOOM (PART 1) PN 32121484**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	02986897	1	WLDMT LIFT SECTION,
2	02985124	1	WLDMNT, DIPPER, 22' GEN2
3	02981294	1	WLD`MT PIN, DIPPER / LIFT, MVB
4	02981279	1	CYLINDER, 4.0B X 2.25R X24.63S
5	02982979	3	WLD`MT, CYL PIN, AXTREME
6	02982980	1	WLD`MT, CYL PIN SHORT, AXTREME
7	02981273	1	PIN SPACER, DIPPER
8	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
9	02981702	1	SLOTTED NUT, 1-1/2 NF
10	63149100	3	ADP HYD ELBOW 6MB-6MJ90
11	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
12	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
13	02984853	1	HYDRAULIC TUBE, #16
14	02984854	1	HYDRAULIC TUBE, #12
15	02984855	1	HYDRAULIC TUBE, #16
16	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
17	02919600	4	CAP-NUT #4FJ
18	00002700	5	FLATWASHER 1/2 PL STD
19	02891800	1	HHCS 1/2 NC 1-3/4 PL8
20	02957042	2	HHCS 3/8 NC 1-3/4 PL8
21	00023100	2	HHCS 3/8 -16UNC 1-1/2 PL5
22	00015800	4	LOCKNUT TLM 3/8-NC PLC
23	00752670	10	FITTING,GREASE-STR 1/4-28 UNF
24	000941	1	GREASE FITTING,1/4-28X90
25	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
26	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
27	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
28	02968831	1	VINYL TAPE BLUE 1/4" WIDE
29	02968830	1	VINYL TAPE BLUE 1/2" WIDE
30	02968829	1	VINYL TAPE RED 1/4" WIDE
31	02968828	1	VINYL TAPE RED 1/2" WIDE
32	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
33	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
34	02968894	4	VINYL TAPE RED 1/2" WIDE
35	02968896	4	VINYL TAPE BLUE 1/2" WIDE
36	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
37	02968832	1	VINYL TAPE GREEN 1/2" WIDE
38	02968833	1	VINYL TAPE GREEN 1/4" WIDE
39	03200375	8	CLAMP
40	02991249	4	VINYL TAPE GREEN 1/2" WIDE

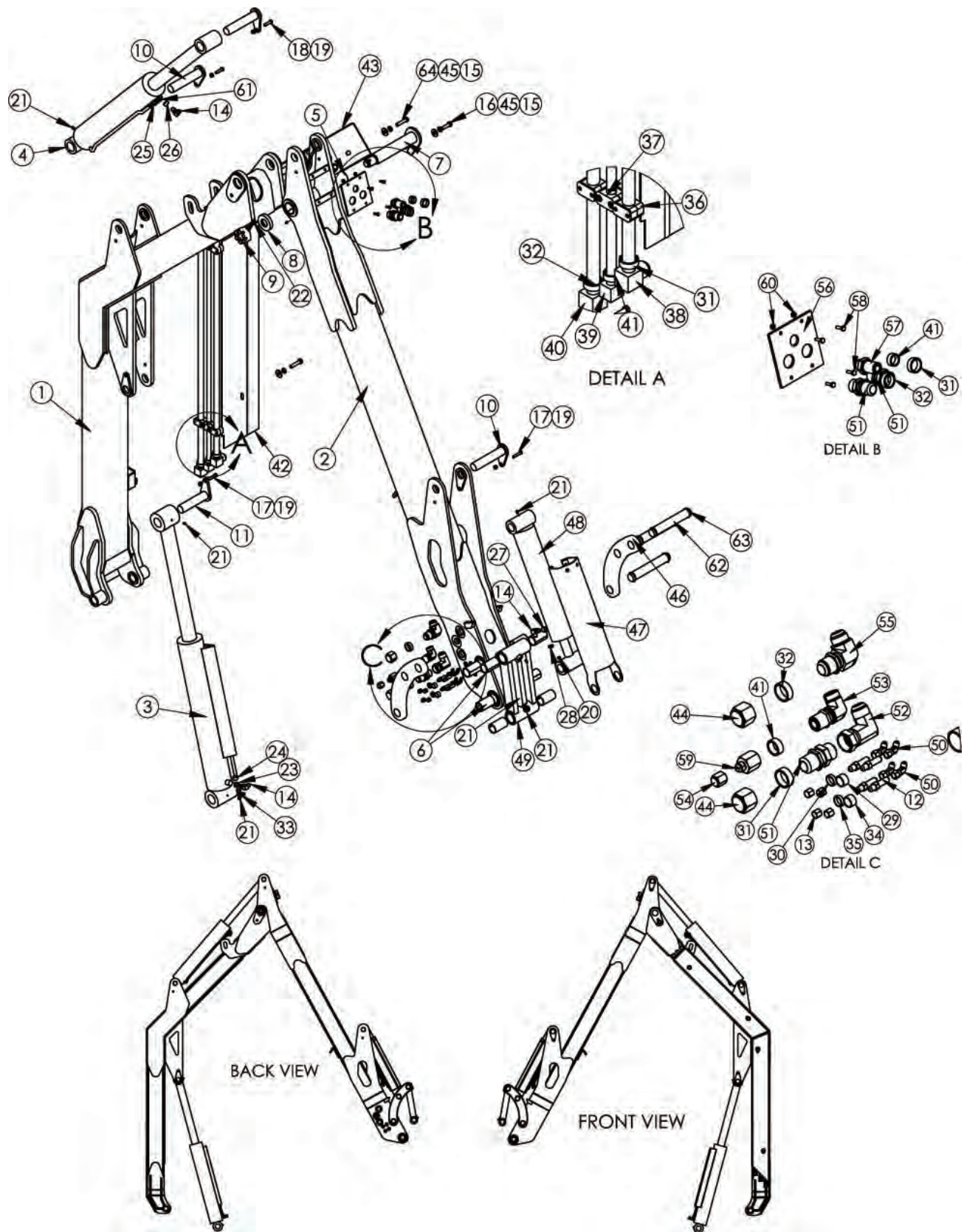
BOOM ASY - 22 FT BOOM (PART 2) PN 32121484



BOOM ASY - 22 FT BOOM (PART 2) PN 32121484**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02984856	1	COVER, TUBE LIFT 22
42	02984857	1	COVER, TUBE LIFT 22
43	02984868	4	CLAMP
44	02956918	2	CAP, HYD #16FJIC
45	02986074	1	WELDMENT, LINKAGE
46	02994231	2	PLATE, LINKAGE
47	02985273	1	ASSEMBLY, TILT CYLINDER COVER
48	02984944	1	CYLINDER, 3.5B X 1.75R X16S
49	00019600	4	LOCKWASHER, 1/2, HVY, PL
50	02972910	1	ADP HYD CAP 8FJ
51	00751846	3	ADP HYD STGHT 16MJ-16MJ BLKHD
52	00751472	1	BULK HEAD ADAPTER #12 MJIC
53	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
54	02742500	1	ADP HYD ELBOW 16MJ-16MJ90 BKHD
55	02956851	1	ADP HYD ELBOW 16MJ -16FJX 90
56	02976532	4	ADP HYD ELBOW 4MJ - 4FJX 45DEG
57	02985978	1	PLATE, BULKHEAD
58	000860	4	HHCS 1/4 NC 7/8 PL5
59	02970609	1	ADP HYD STGHT 12FJ - 8MJ
60	00024000	4	NUT HEX 1/4 NC PL
61	00024100	4	FLATWASHER STD 1/4 PL
62	02976531	1	ADP HYD ELBOW 6MJ - 6FJX 45DEG
63	02994104	3	PIN, DBL SNAP RING, TILT LINK
64	02994201	6	SNAP RING, EXT HD, 1-1/2 PIN
65	02788400	4	HEXB 1/2 NC 2-1/2PL5

BOOM ASY - 25 FT BOOM (PART 1) PN 32121488

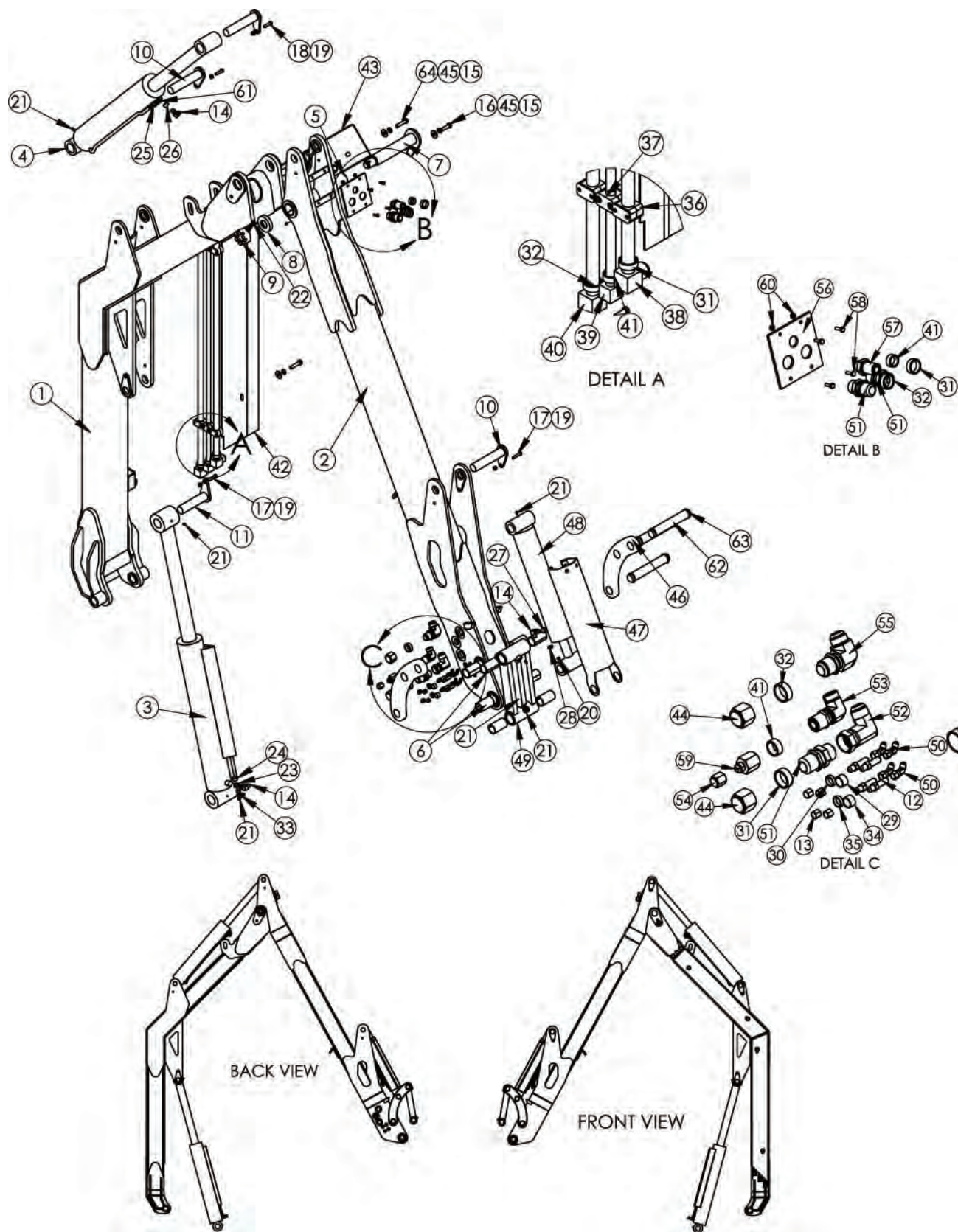


BOOM ASY - 25 FT BOOM (PART 1) PN 32121488

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02986898	1	WLDMT LIFT SECTION,
2	02989719	1	WLDMT, DIPPER, 25' HF, GEN2
3	02981279	1	CYLINDER, 4.0B X 2.25R X24.63S
4	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
5	02981420	2	BUSHING, CONNEX, 2-1/4X2X3
6	02981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
7	02981294	1	WLD`MT PIN, DIPPER / LIFT, MVB
8	02981273	1	PIN SPACER, DIPPER
9	02981702	1	SLOTTED NUT, 1-1/2 NF
10	02982979	3	WLD`MT, CYL PIN, AXTREME
11	02982980	1	WLD`MT, CYL PIN SHORT, AXTREME
12	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
13	02919600	4	CAP-NUT #4FJ
14	63149100	3	ADP HYD ELBOW 6MB-6MJ90
15	00002700	5	FLATWASHER 1/2 PL STD
16	02891800	1	HHCS 1/2 NC 1-3/4 PL8
17	02957042	2	HHCS 3/8 NC 1-3/4 PL8
18	00023100	2	HHCS 3/8 -16UNC 1-1/2 PL5
19	00015800	4	LOCKNUT TLM 3/8-NC PLC
20	000941	1	GREASE FITTING,1/4-28X90
21	00752670	10	FITTING,GREASE-STR 1/4-28 UNF
22	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
23	02968835	1	VINYL TAPE ORANGE 1/4" WIDE
24	02968834	1	VINYL TAPE ORANGE 1/2" WIDE
25	02968831	1	VINYL TAPE BLUE 1/4" WIDE
26	02968830	1	VINYL TAPE BLUE 1/2" WIDE
27	02968828	1	VINYL TAPE RED 1/2" WIDE
28	02968829	1	VINYL TAPE RED 1/4" WIDE
29	02968836	1	VINYL TAPE YELLOW 1/2" WIDE
30	02968837	1	VINYL TAPE YELLOW 1/4" WIDE
31	02968894	4	VINYL TAPE RED 1/2" WIDE
32	02968896	4	VINYL TAPE BLUE 1/2" WIDE
33	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
34	02968832	1	VINYL TAPE GREEN 1/2" WIDE
35	02968833	1	VINYL TAPE GREEN 1/4" WIDE
36	03200375	8	CLAMP
37	02984868	4	CLAMP
38	02984890	1	HYDRAULIC TUBE, #16
39	02984891	1	HYDRAULIC TUBE, #12
40	02984892	1	HYDRAULIC TUBE, #16

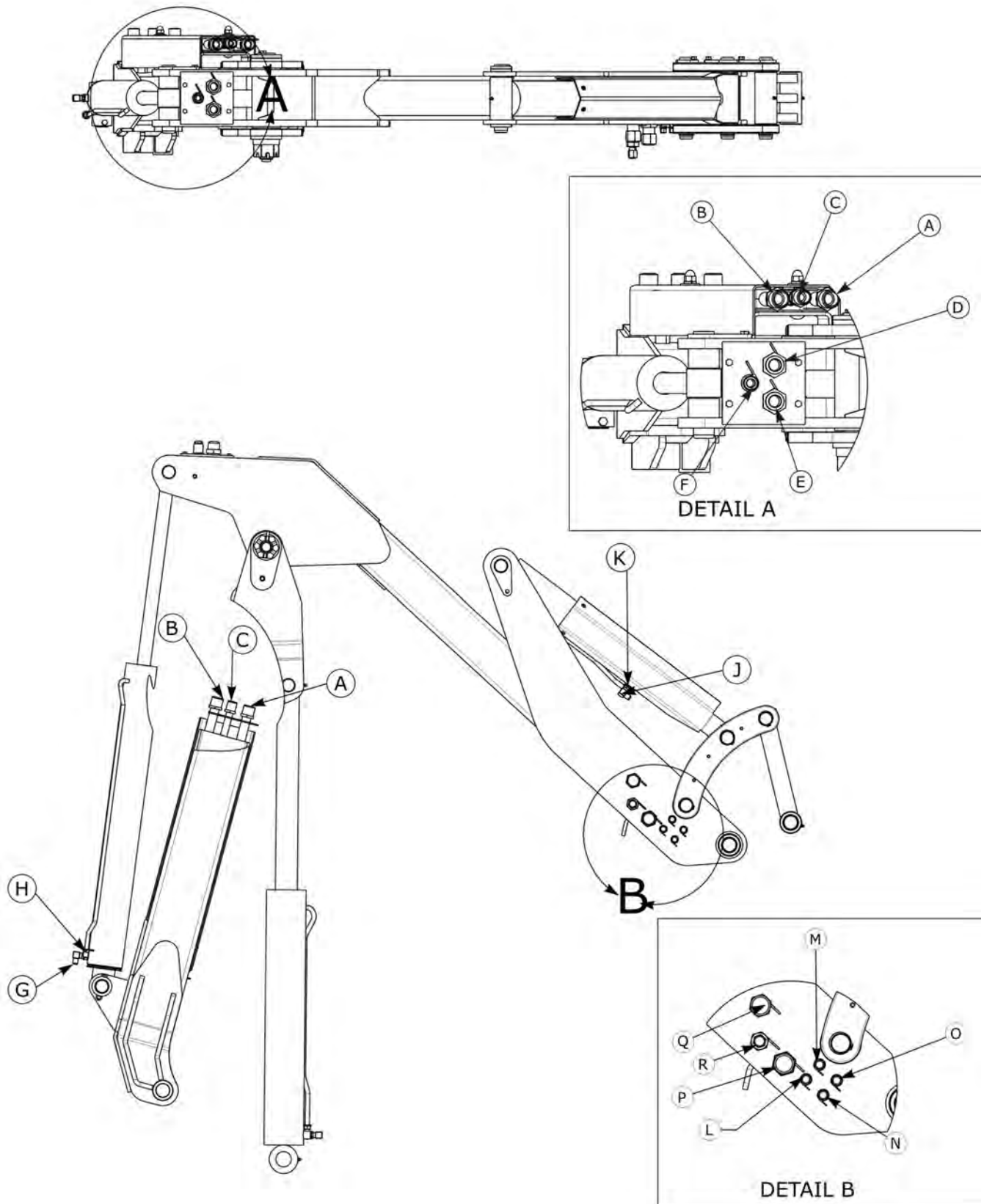
BOOM ASY - 25 FT BOOM (PART 2) PN 32121488



BOOM ASY - 25 FT BOOM (PART 2) PN 32121488**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02991249	4	VINYL TAPE GREEN 1/2" WIDE
42	02984893	1	COVER, TUBE LIFT 25
43	02984894	1	COVER, TUBE LIFT 25
44	02956918	2	CAP, HYD #16FJIC
45	00019600	5	LOCKWASHER, 1/2, HVY, PL
46	02994231	2	PLATE, LINKAGE
47	02985273	1	ASSEMBLY, TILT CYLINDER COVER
48	02984944	1	CYLINDER, 3.5B X 1.75R X16S
49	02986074	1	WELDMENT, LINKAGE
50	02976532	4	ADP HYD ELBOW 4MJ - 4FJX 45DEG
51	00751846	3	ADP HYD STGHT 16MJ-16MJ BLKHD
52	02956851	1	ADP HYD ELBOW 16MJ -16FJX 90
53	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
54	02972910	1	ADP HYD CAP 8FJ
55	02742500	1	ADP HYD ELBOW 16MJ-16MJ90 BKHD
56	02985978	1	PLATE, BULKHEAD
57	00751472	1	BULK HEAD ADAPTER #12 MJIC
58	000860	4	HHCS 1/4 NC 7/8 PL5
59	02970609	1	ADP HYD STGHT 12FJ - 8MJ
60	02959924	4	NUT, LOCK TLM 1/4-20 NC PLB
61	02976531	1	ADP HYD ELBOW 6MJ - 6FJX 45DEG
62	02994104	3	PIN, DBL SNAP RING, TILT LINK
63	02994201	6	SNAP RING, EXT HD, 1-1/2 PIN
64	02027400	4	HHCS 1/2 NC 2-1/4 PL5

HOSE ROUTING - 18 FT BOOM



HOSE ROUTING - 18 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
02983531	SWVEL GREEN (LIFT)	N/A	02983533
02983532	SWVEL G/W (LIFT)	N/A	02983534
02983350	TILT RED (DIPPER)	02983346	J
02983351	TILT RW (DIPPER)	02983347	K
02983352	DOOR YELLOW (DIPPER)	02983348	M
02983353	DOOR Y/W (DIPPER)	02983349	L
02983533	SWVEL GREEN (DIPPER)	02983531	O
02983534	SWVEL G/W (DIPPER)	02983532	N
02984267	DIPPER CYL BLUE	N/A	H
02984268	DIPPER CYL BW	N/A	G
02997199	MOTOR PRESSURE	A	D
02997200	MOTOR RETURN	B	E
02984835	MOTOR CASE DRAIN	C	F
02997201	MOTOR PRESSURE	D	P
02997202	MOTOR RETURN	E	Q
02986009	MOTOR CASE DRAIN	F	R

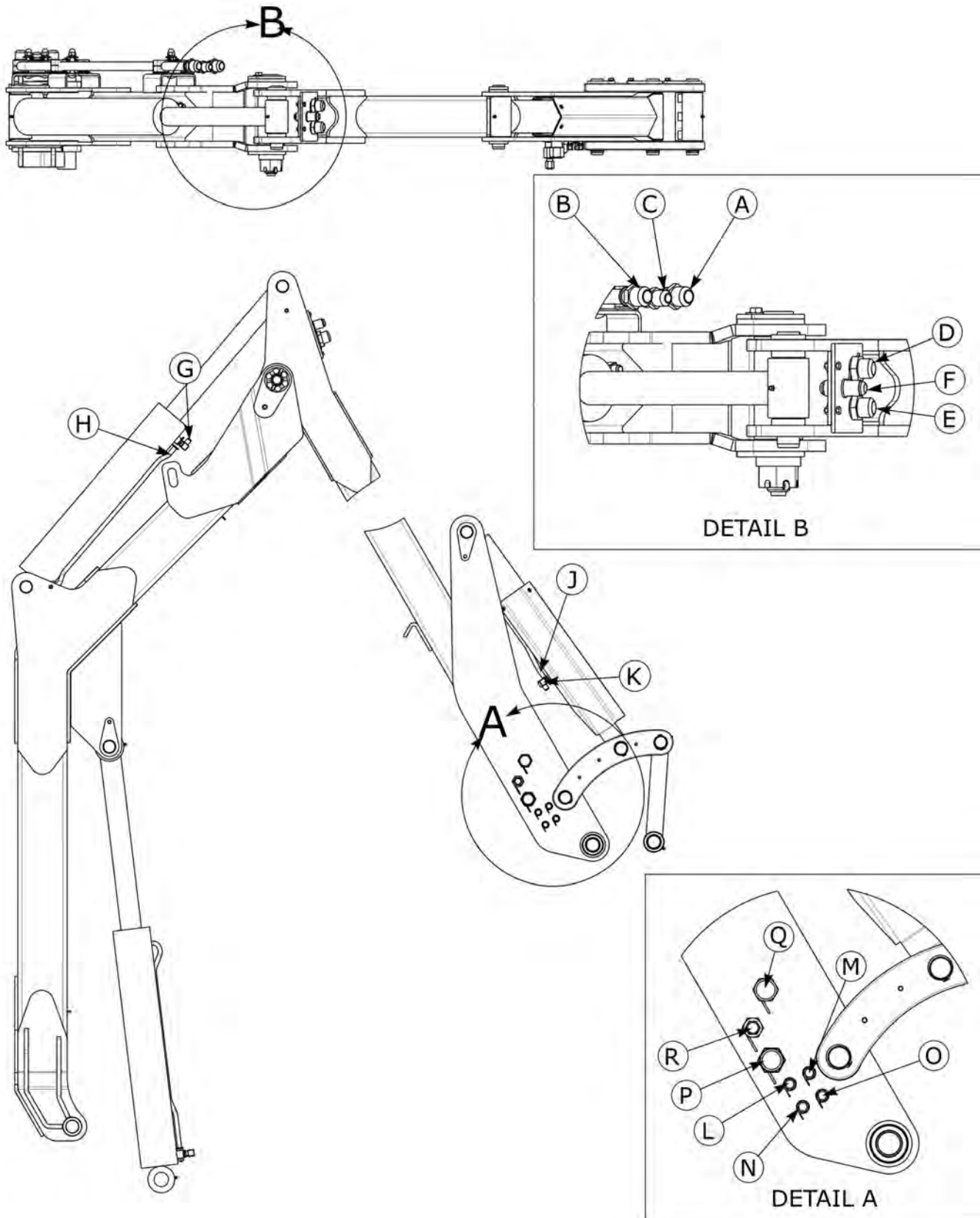
ITEM	PART NO.	QTY.	DESCRIPTION
1	02983346	1	HOSE #6-6FJX-6MJ-61LG
2	02983347	1	HOSE #6-6FJX-6MJ-61LG
3	02983348	1	HOSE #4-4FJX-4MJ-61LG
4	02983349	1	HOSE #4-4FJX-4MJ-61LG
5	02983531	1	HOSE #4-4FJX-4MJ-61LG
6	02983532	1	HOSE #4-4FJX-4MJ-61LG
7	02983350	1	HOSE #6-6FJX-6MJ-124LG
8	02983351	1	HOSE #6-6FJX-6MJ-124LG
9	02983352	1	HOSE #4-4FJX-4MJ-116LG
10	02983353	1	HOSE #4-4FJX-4MJ-116LG
11	02983533	1	HOSE #4-4FJX-4MJ-116LG
12	02983534	1	HOSE #4-4FJX-4MJ-116LG
13	02984267	1	HOSE #6-6FJX-6MJ-36LG
14	02984268	1	HOSE #6-6FJX-6MJ-36LG

HOSE ROUTING - 18 FT BOOM NOTES

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
15	02997199	1	HOSE 16 16FJX-16FJX45 54
16	02997200	1	HOSE 16 16FJX-16FJX45 58.5"
17	02984835	1	HOSE #12-12FJX-12FJX45-60-1/2
18	02997201	1	HOSE 16 16FJX-16FJX90 62.5
19	02997202	1	HOSE 16 16FJX-16FJX90 58.75
20	02986009	1	HOSE #12-12FJX-12FJX-60-1/8
21	02961085	1	CORDURA SLEEVING-54 LG
22	02982334	1	CORDURA SLEEVE, 2.54ID, 10LG
23	02983079	1	SLEEVE 66" CORDURA 2.54 ID
24	02986797	1	CORDURA SLEEVE, 2.54ID, 14LG

HOSE ROUTING - 22 FT BOOM



HOSE ROUTING - 22 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
02983188	DIPPER BLU	N/A	H
02983189	DIPPER B/W	N/A	G
02983180	TILT RED (LIFT)	N/A	02983184
02983181	TILT R/W (lift)	N/A	02983185
02983182	DOOR YELLOW (LIFT)	N/A	02983186
02983183	DOOR Y/W (LIFT)	N/A	02983187
02983503	SWIVEL GREEN (LIFT)	N/A	02983499
02983504	SWIVEL G/W (LIFT)	N/A	02983500
02983184	TILT RED (DIPPER)	02983180	J
02983185	TILT R/W (DIPPER)	02983181	K
02983186	DOOR YELLOW (DIPPER)	02983182	M
02983187	DOOR Y/W (DIPPER)	02983183	L
02983499	SWIVEL GREEN (DIPPER)	02983503	O
02983500	SWIVEL G/W (DIPPER)	02983504	N
02997203	MOTOR PRESSURE	A	D
02997204	MOTOR RETURN	B	E
02986109	MOTOR CASE DRAIN	C	F
02997205	MOTOR PRESSURE	D	P
02997206	MOTOR RETURN	E	Q
02986006	MOTOR CASE DRAIN	F	R

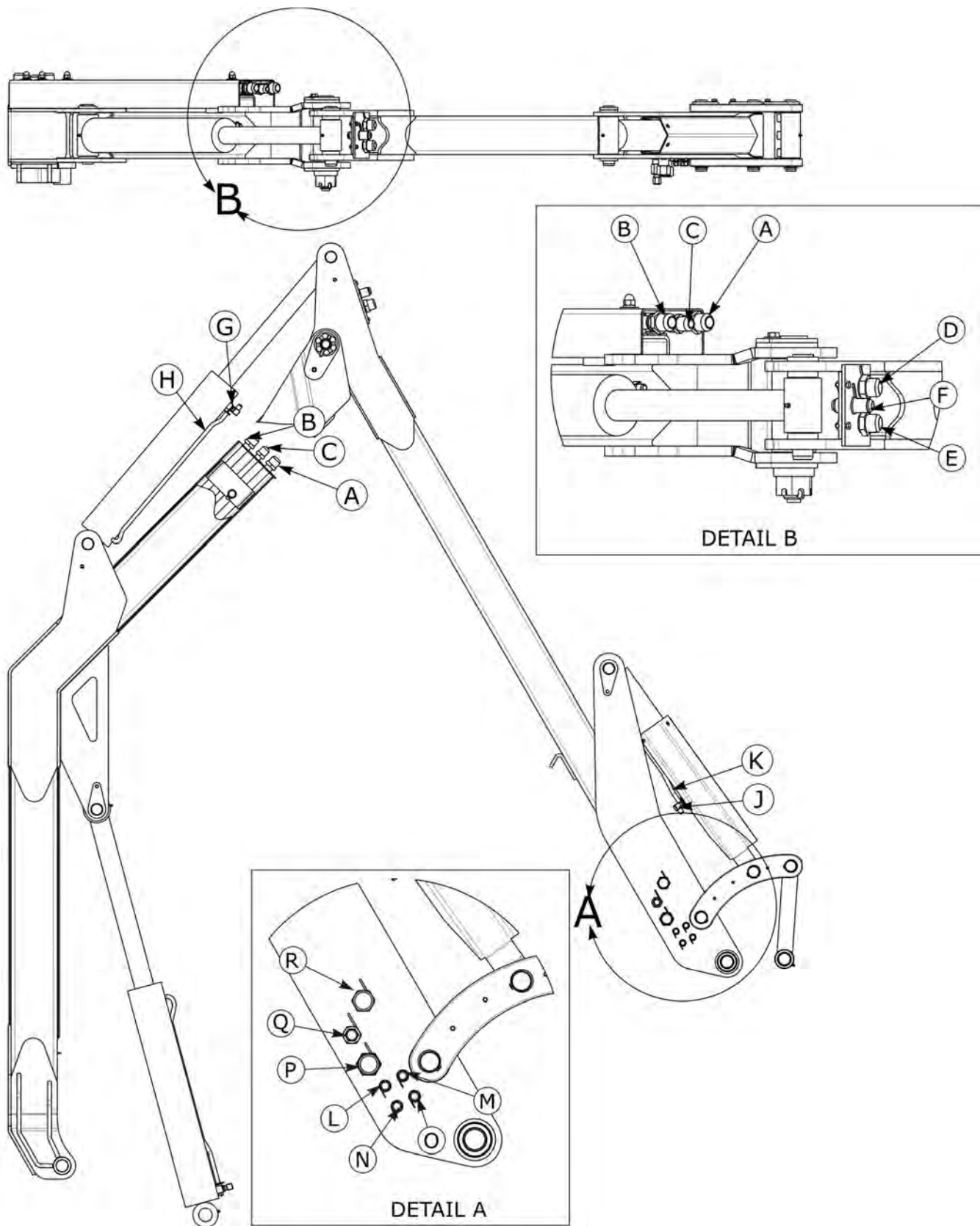
ITEM	PART NO.	QTY.	DESCRIPTION
1	02983178	1	HOSE #6-6FJX-6MJ-108LG
2	02983179	1	HOSE #6-6FJX-6MJ-108LG
3	02983180	1	HOSE #6-6FJX-6MJ-94LG
4	02983181	1	HOSE #6-6FJX-6MJ-94LG
5	02983182	1	HOSE #4-4FJX-4MJ-94LG
6	02983183	1	HOSE #4-4FJX-4MJ-94LG
7	02983503	1	HOSE #4-4FJX-4MJ-94LG
8	02983504	1	HOSE #4-4FJX-4MJ-94LG
9	02983184	1	HOSE #6-6FJX-6MJ-140LG
10	02983185	1	HOSE #6-6FJX-6MJ-140LG
11	02983186	1	HOSE #4-4FJX-4MJ-140LG
12	02983187	1	HOSE #4-4FJX-4MJ-140LG
13	02983499	1	HOSE #4-4FJX-4MJ-140LG
14	02983500	1	HOSE #4-4FJX-4MJ-140LG
15	02997203	1	HOSE 16 16FJX-16FJX 62"
16	02997204	1	HOSE 16 16FJX-16FJX 62"
17	02986109	1	HOSE #12-12FJX-12FJX-62LG

HOSE ROUTING - 22 FT BOOM NOTES

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
18	02997205	1	HOSE 16 16FJX-16FJX90 65.5"
19	02997206	1	HOSE 16 16FJX-16FJX90 65.5"
20	02986006	1	HOSE #12-12FJX-12FJX90-69-1/8
21	02986798	1	CORDURA SLEEVE, 3.66ID, 58LG
22	02982334	1	CORDURA SLEEVE, 2.54ID, 10LG
23	02983079	1	SLEEVE 66" CORDURA 2.54 ID
24	02986797	1	CORDURA SLEEVE, 2.54ID, 14LG

HOSE ROUTING - 25 FT BOOM



HOSE ROUTING - 25 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
02983188	DIPPER BLU	N/A	H
02983189	DIPPER B/W	N/A	G
02983190	TILT RED (LIFT)	N/A	02983194
02983191	TILT R/W (LIFT)	N/A	02983195
02983192	DOOR YELLOW (LIFT)	N/A	02983196
02983193	DOOR Y/W (LIFT)	N/A	02983197
02983505	SWVEL GREEN (LIFT)	N/A	02983501
02983506	SWVEL G/W (LIFT)	N/A	02983502
02983194	TILT RED (DIPPER)	02983190	J
02983195	TILT R/W (DIPPER)	02983191	K
02983196	DOOR YELLOW (DIPPER)	02983192	M
02983197	DOOR Y/W (DIPPER)	02983193	L
02983501	SWVEL GREEN (DIPPER)	02983505	O
02983502	SWVEL G/W (DIPPER)	02983506	N
02997203	MOTOR PRESSURE	A	D
02997204	MOTOR RETURN	B	E
02986109	CASE DRAIN	C	F
02997207	MOTOR PRESSURE	P	S
02997208	MOTOR RETURN	Q	T
02986003	CASE DRAIN	R	U

ITEM	PART NO.	QTY.	DESCRIPTION
1	02983188	1	HOSE #6-6FJX-6MJ-126LG
2	02983189	1	HOSE #6-6FJX-6MJ-126LG
3	02983190	1	HOSE #6-6FJX-6MJ-102LG
4	02983191	1	HOSE #6-6FJX-6MJ-102LG
5	02983192	1	HOSE #4-4FJX-4MJ-102LG
6	02983193	1	HOSE #4-4FJX-4MJ-102LG
7	02983505	1	HOSE #4-4FJX-4MJ-102LG
8	02983506	1	HOSE #4-4FJX-4MJ-102LG
9	02983194	1	HOSE #6-6FJX-6MJ-158LG
10	02983195	1	HOSE #6-6FJX-6MJ-158LG
11	02983196	1	HOSE #4-4FJX-4MJ-158LG
12	02983197	1	HOSE #4-4FJX-4MJ-158LG
13	02983501	1	HOSE #4-4FJX-4MJ-158LG
14	02983502	1	HOSE #4-4FJX-4MJ-158LG
15	02997203	1	HOSE 16 16FJX-16FJX 62"
16	02997204	1	HOSE 16 16FJX-16FJX 62"
17	02986109	1	HOSE #12-12FJX-12FJX-62LG
18	02997207	1	HOSE 16 16FJX-16FJX90 88"

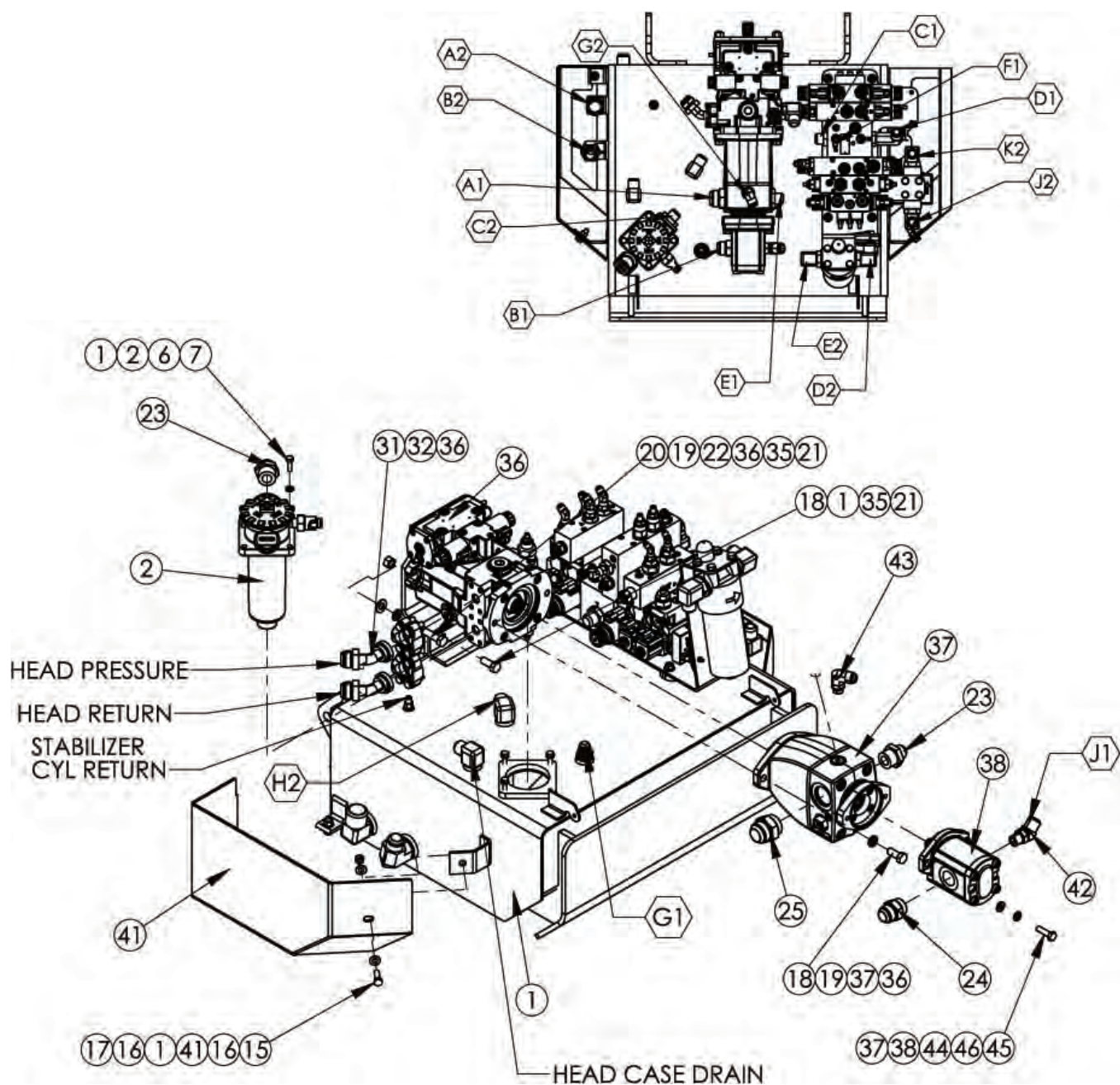
HOSE ROUTING - 25 FT BOOM NOTES

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
19	02997208	1	HOSE 16 16FJX-16FJX90 83.6"
20	02986003	1	HOSE #12-12FJX-12FJX90-87-1/4
22	02986798	1	CORDURA SLEEVE, 3.66ID, 58LG
23	02982334	1	CORDURA SLEEVE, 2.54ID, 10LG
24	02983079	1	SLEEVE 66" CORDURA 2.54 ID
25	02986810	1	CORDURA SLEEVE, 3.66ID, 76LG
26	02986797	1	CORDURA SLEEVE, 2.54ID, 14LG

SECTION 60 HYDRAULICS

HYDRAULIC TANK AND VALVE ASY (PART 1) P/N 32121478



ITEM	PART NO.	QTY.	DESCRIPTION
1	32121466	1	SUBASY, TANK, MB3
2	02996288	1	FILTER, RETURN, ANGLE BREATHER
6	00011700	4	HIGH ALLOY, L/W 5/16 YZ KG
7	10119000	4	HEXB 5/16 X 1 NC GR5
15	00753642	4	HEXB 3/8 NC X 1-1/4 PL5
16	00011100	8	FLATWASHER STD 3/8 - PLATED
17	00015800	4	LOCKNUT TLM 3/8-NC PLC
18	02776600	4	HHCS, 1/2-13 NC X 1 1/4" PL8

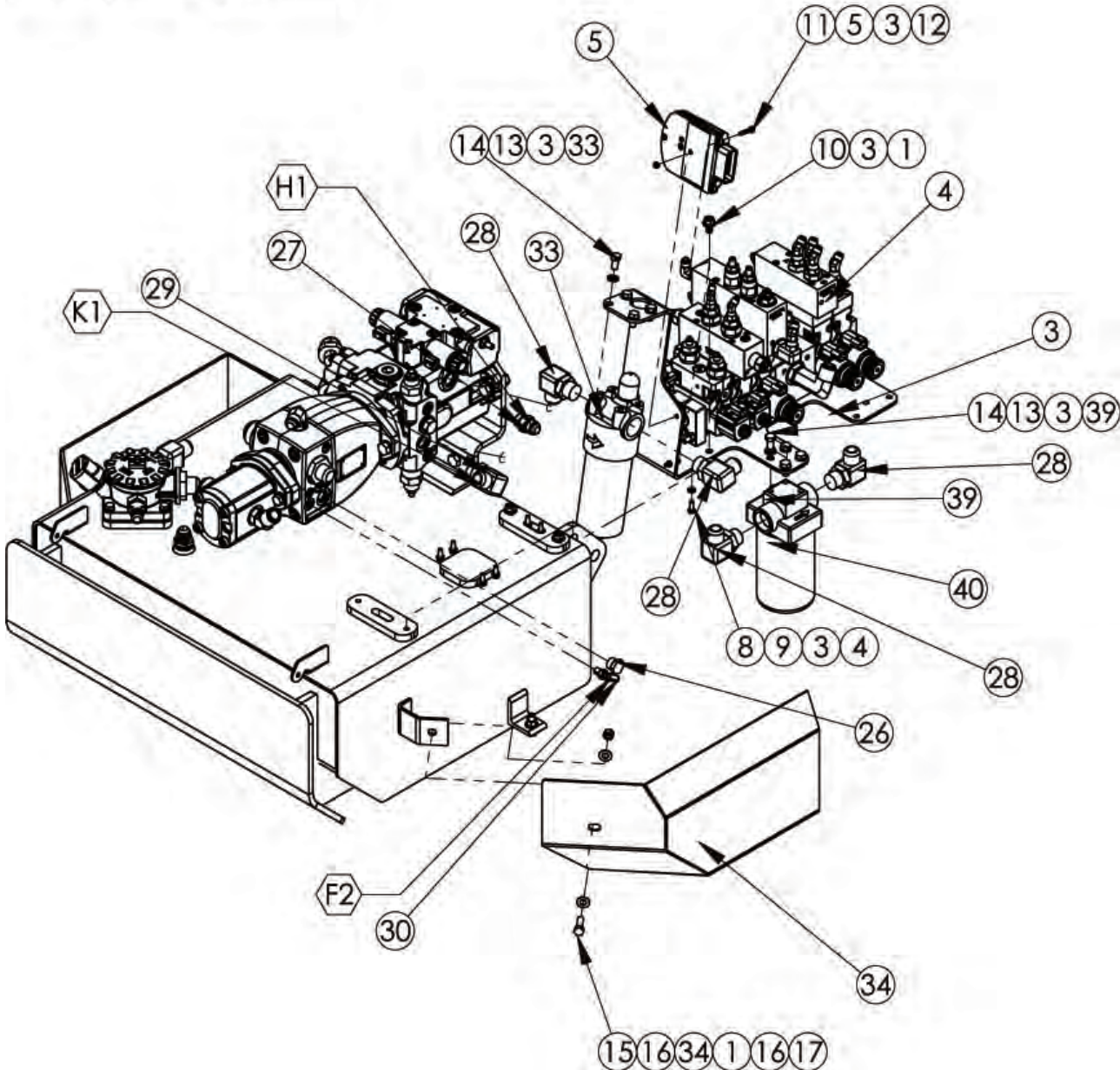
HYDRAULIC TANK AND VALVE ASY (PART 1) P/N 32121478

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
19	00001300	4	WASHER,LOCK 1/2 GR8 - YDP
20	02891800	2	HHCS 1/2 NC 1-3/4 PL8
21	00001800	4	LOCKNUT TLM 1/2 NC PLC
22	00759635	2	WASHER, FLAT 1/2 HARDND NONPLT
23	02958316	2	ADP HYD STGHT 16MB-12MJ
24	02957622	1	ADP HYD STGHT 16MB-16MJ
25	02960807	1	ADP HYD STGHT 20MB -20MJ
31	32120622	2	HYD ADP 12FL62-16MJ 45
32	02994909	2	KIT, FLANGE, #12 CODE 62 UNC
35	32121573	1	PLATE, SHIPPING, PUMP
36	32120408	1	PUMP PISTON 45CC CL NO CHG
37	32120409	1	PUMP PISTON 35CC CCLS THRU
38	32120411	1	PUMP GEAR 22CC
41	02981386	1	WLDMT, SHIELD,FORMED
42	02994956	1	ADP HYD ELBOW 10MB-12MJ - 45
43	32121569	1	ADP HYD ELBOW 08MB-10MJ 90
44	88681485	2	FLAT WASHER M10
45	02979791	2	HHCS M10-P1.5 X 35MM PL10.9
46	00755954	2	LOCKWASHER,M10

HYDRAULIC TANK AND VALVE ASY (PART 2) P/N 32121478

HOSE ROUTING TABLE	
HOSE	PART NUMBER
A	32121575
B	32121576
C	32121577
D	32121578
E	32121579
F	32121580
G	32121581
H	32121582
J	32121583
K	32121584

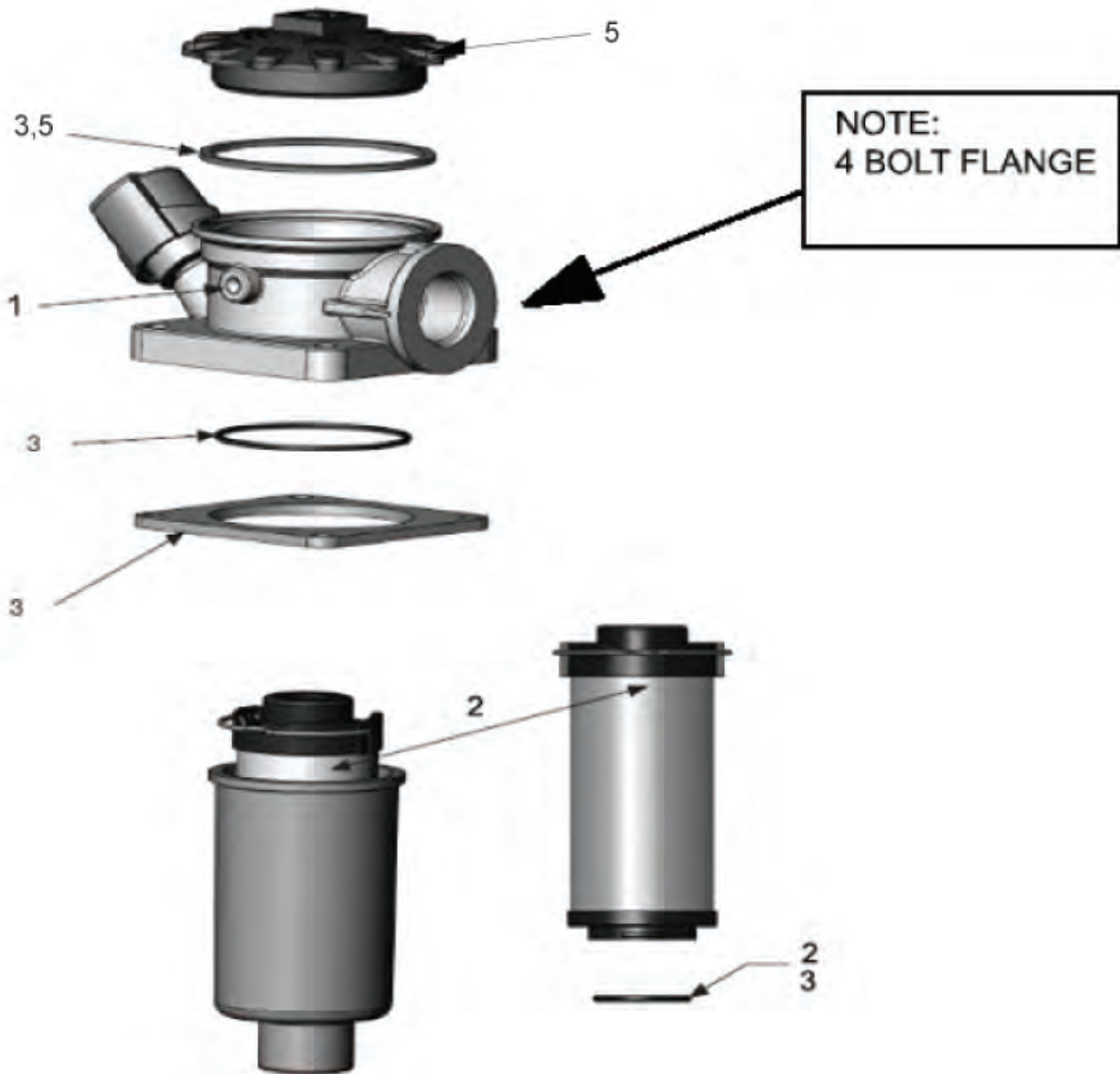


HYDRAULIC TANK AND VALVE ASY (PART 2) P/N 32121478

Continued...

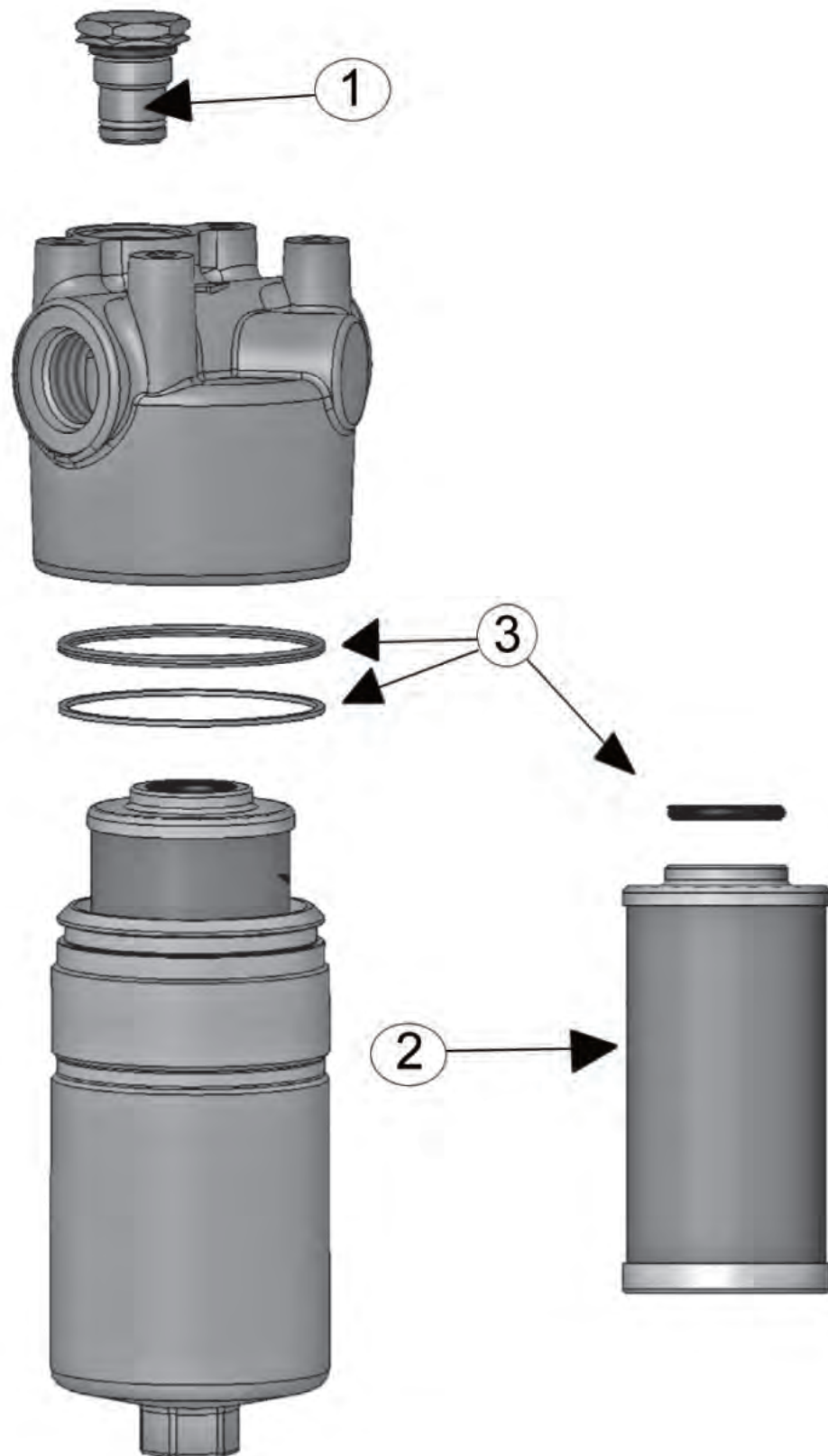
ITEM	PART NO.	QTY.	DESCRIPTION
1	32121466	1	SUBASY, TANK, MB3
3	32121468	1	PLATE, VALVE MT, MB3
4	32121472	1	ASY, VALVE AND FITTINGS, MB3
5	32121480	1	CONTROLLER, MB3
8	00762399	8	HEXB METRIC 6-P1-18MM PL8.8
9	TR477262	8	FLATWASHER M6 PL
10	02994995	4	FLCS 3/8-16 UNC X 5/8" PL5
11	02998499	3	SHCS, M5 X 0.8 X 25 LG, 12.9PL
12	02998438	3	NUT, NYLN INST, M5 X 0.8, PL
13	00012101	8	LOCKWASHER, 3/8, HVY, PL
14	00002000	8	HHCS 3/8 NC X 3/4 PL5
15	00753642	4	HEXB 3/8 NC X 1-1/4 PL5
16	00011100	8	FLATWASHER STD 3/8 - PLATED
17	00015800	4	LOCKNUT TLM 3/8-NC PLC
26	03200587	1	PLUG - HEX HD #8MB
27	32121570	1	ADP HYD FTG 10MB-10MJ
28	02090800	4	ADP HYD ELBOW 12MB-12MJ90
29	02988958	1	ADP, HYD ELBOW 8MB-12MJ90
30	02977915	1	ADP HYD 4MB-4MJ 45 DEG.
33	02994847	1	FILTER, PRESSURE, MAVERICK
34	02982871	1	WLDMT, COVER, DRIVER SIDE
39	02968922	1	PRESSURE FILTER HEAD
40	02968923	1	FILTER, ASY, PRES ELEMENT

FILTER ASY RETURN P/N 02996288



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

FILTER ASY - PRESSURE, VISUAL INDICATOR - PN 02994847

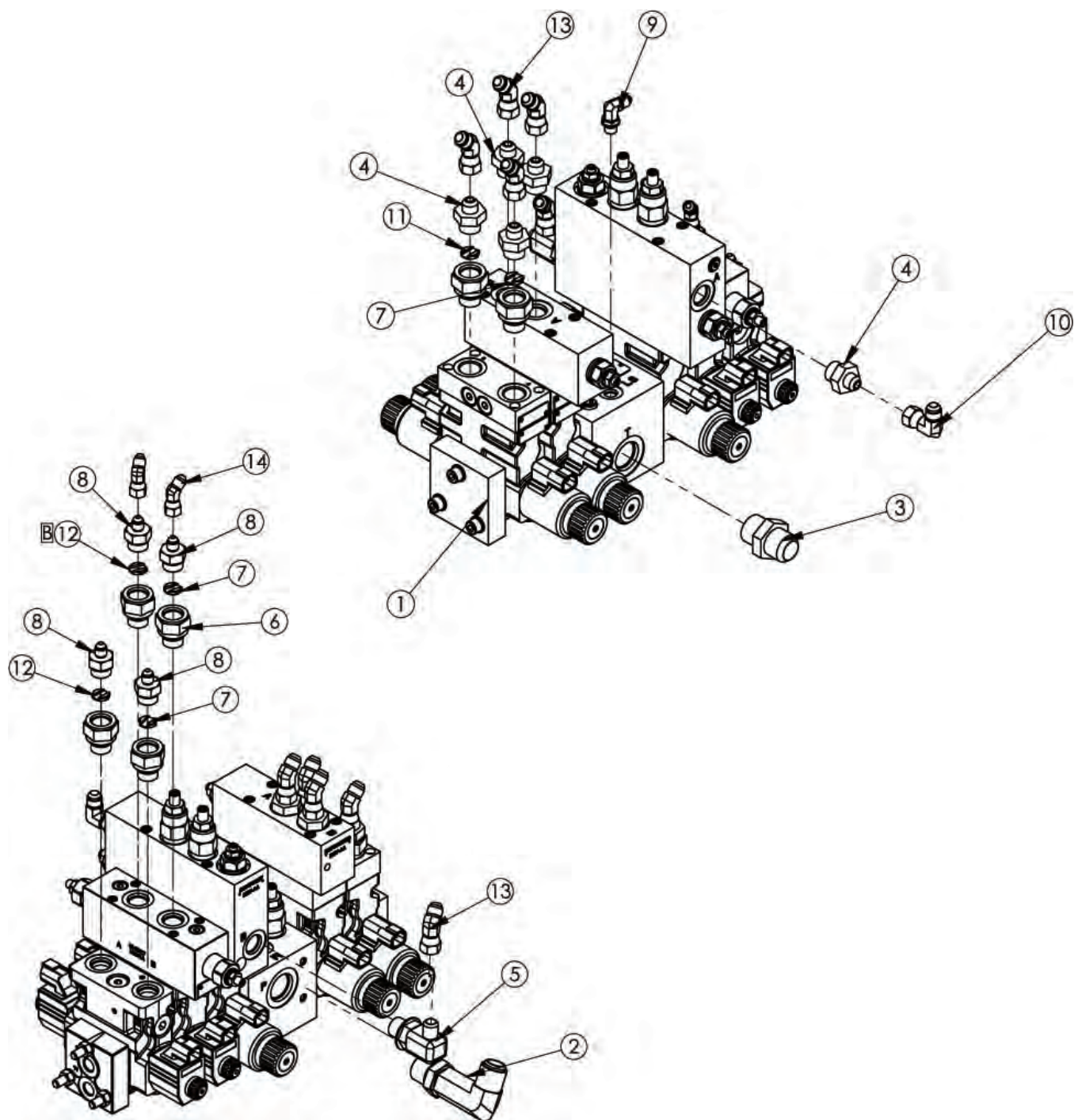


FILTER ASY - PRESSURE, VISUAL INDICATOR - PN 02994847

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02995423	1	INDICATOR, HP FILTER CLOG
2	02994854	1	ELEMENT, PRESS FILTER, MAV2
	02994854	1	ELEMENT, PRESS FILTER
3	02995424	1	SEAL KIT, HP FILTER

VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE MB3 P/N 32121472



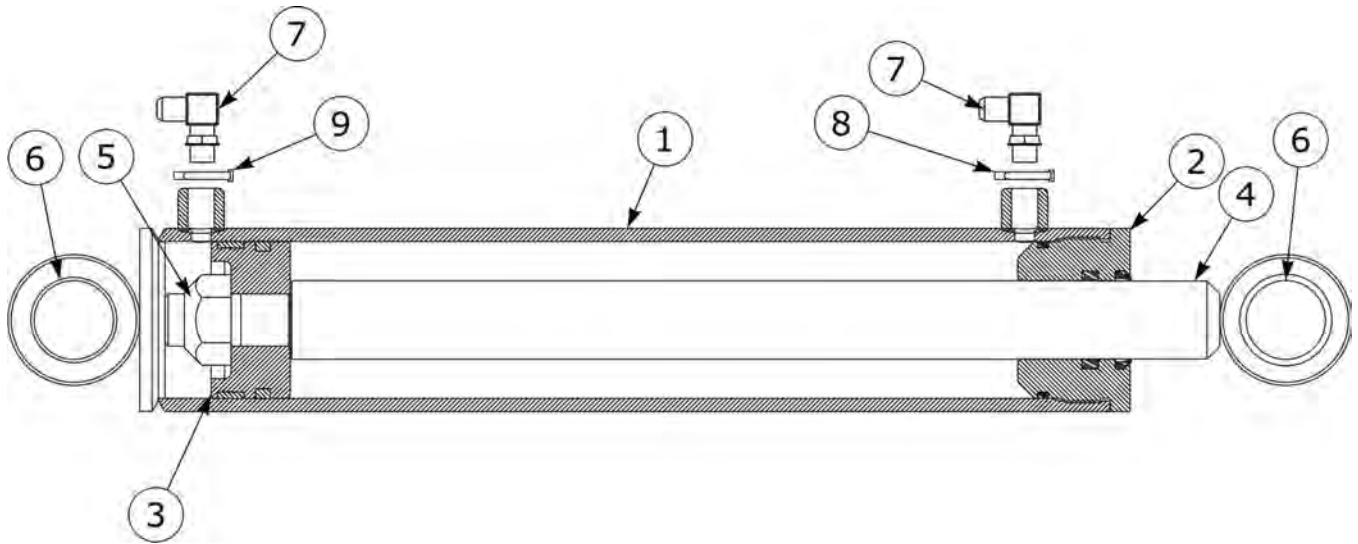
ITEM	PART NO.	QTY.	DESCRIPTION
1	32120410	1	VALVE 5-SECTION MB
2	02996986	1	ADP HYD ELBOW LG 12MJ-12MB-90
3	02964341	1	ADP HYD STGHT 12MB-12MJ
4	02968850	5	ADP HYD STGHT 8MB-6MJ
5	001654	1	ADP HYD ELBOW 8MB-6MJ90

VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE MB3 P/N 32121472

Continued...

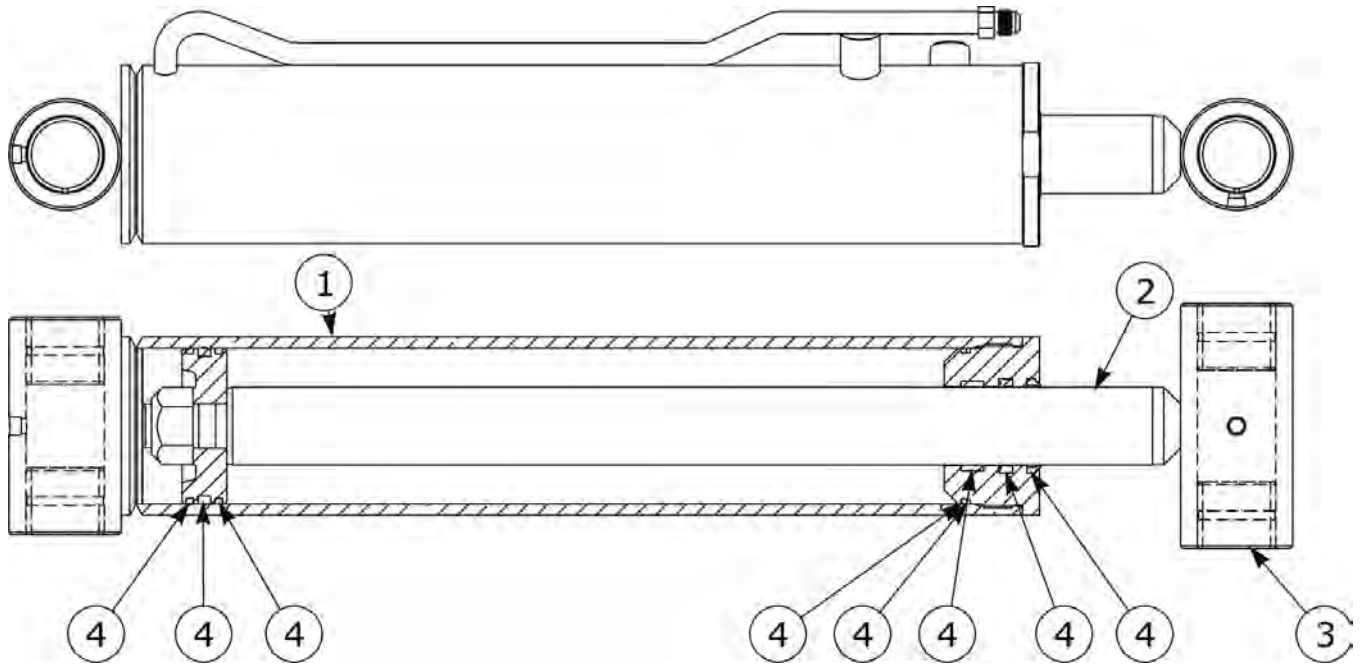
ITEM	PART NO.	QTY.	DESCRIPTION
6	02972159	6	ADP HYD STGHT 8FB - 8MB
7	02969398	3	ORIFICE, .055 ONE-WAY RESTRCTR
8	02822300	4	ADP HYD STGHT 8MB-4MJ
9	02960018	1	ADP HYD ELBOW 4MB-4MJ90
10	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
11	02969399	1	ORIFICE, .040 ONE-WAY RESTRCTR
12	02972209	2	ORIFICE, .063 ONE-WAY RESTRTR
13	02976531	5	ADP HYD ELBOW 6MJ - 6FJX 45DEG
14	02976532	2	ADP HYD ELBOW 4MJ - 4FJX 45DEG

HYDRAULIC CYLINDER ASY - SWING



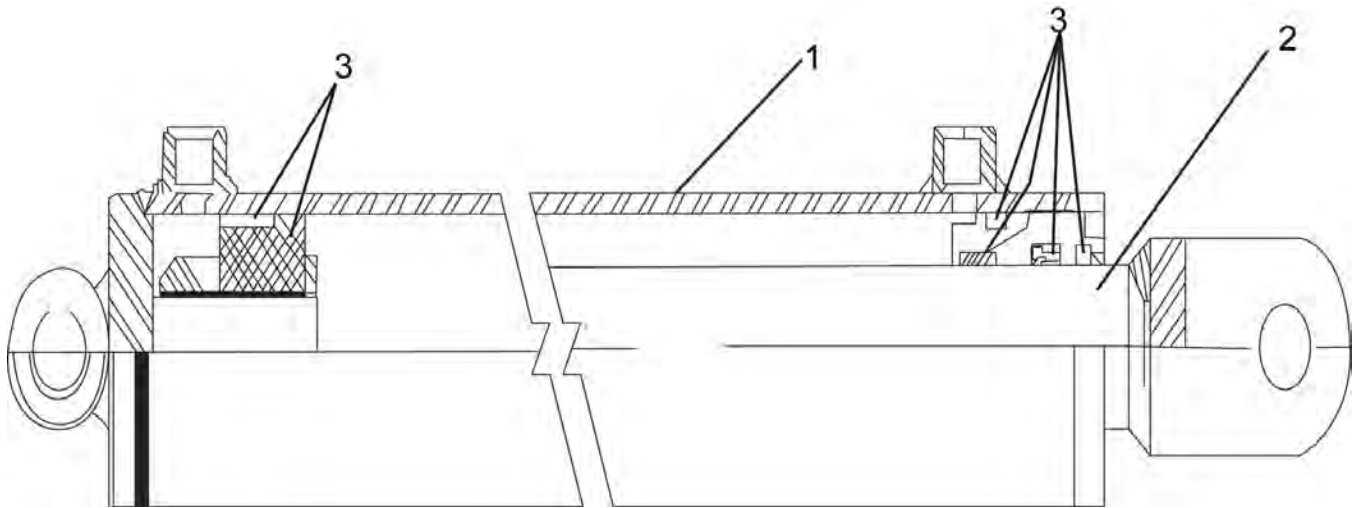
ITEM	PART NO.	QTY.	DESCRIPTION
	02968840	1	SWING CYL ASSEMBLY
	02967172A	1	SWING CYL 3BORE 13-13/16
1	02975463	1	WLDMT TUBE 3.00-13.81-W-S
2	02975450	1	HEAD,CYLINDER 3 X 1.50
3	02975454	1	PISTON 3.00-1.00-S-WR-PSP
4	02975459	1	WLDMT ROD 1.50-13.81-W-S
5	5JRC16140	1	LOCKNUT TLM 1 NF PL
6	02987750	3	BUSHING CONNEX 1-3/4 X1 -1/2X2
7	63149100	2	ADP HYD ELBOW 6MB-6MJ90
8	02968832	1	VINYL TAPE GREEN 1/2" WIDE
9	02968833	1	VINYL TAPE GREEN 1/4" WIDE
10	00752670	2	FITTING,GREASE STRAIGHT 1/4-28 (NOT SHOWN)
11	02975530	1	SEAL KIT (NOT SHOWN)

HYDRAULIC CYLINDER ASY - TILT



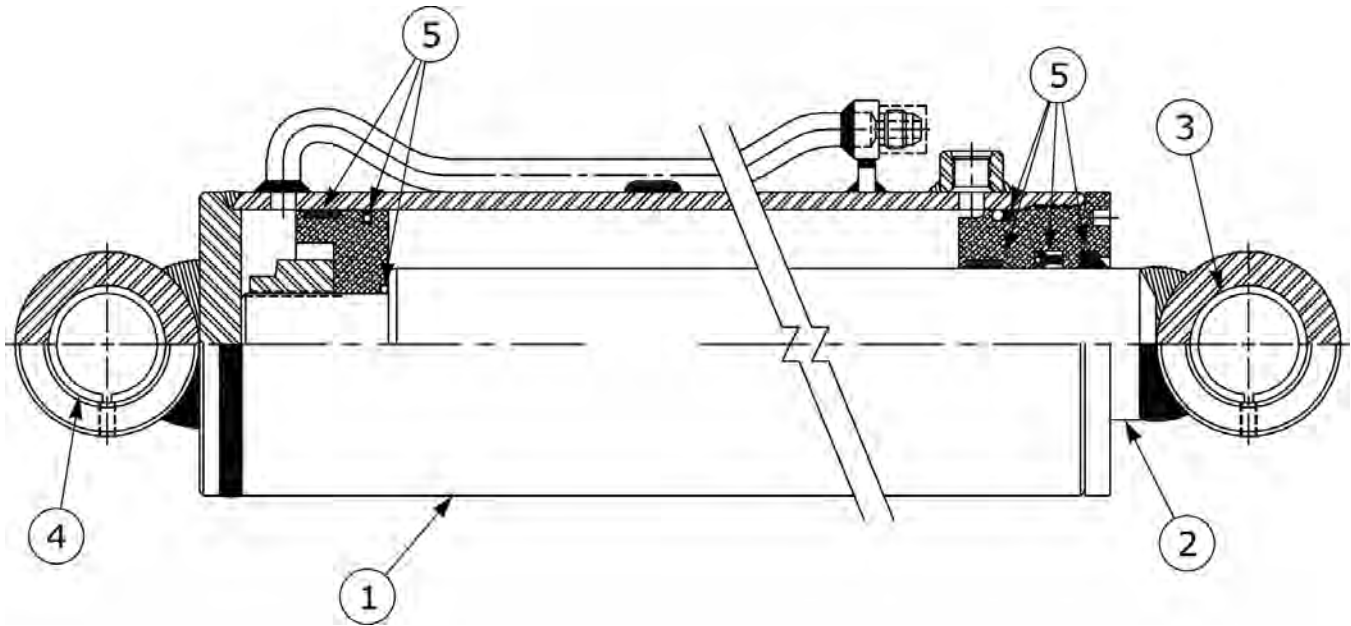
ITEM	PART NO.	QTY.	DESCRIPTION
	02984944	1	CYLINDER, 3.5B X 1.75R X16S
1	02986286	1	ASY, BARREL, TILT CYL,02984944
2	02986287	1	ROD WLD`MT
3	02982250	2	BUSHING ROD END 1-1/2" LG
4	02986288	1	SEAL KIT

HYDRAULIC CYLINDER ASY - SWIVEL HEAD



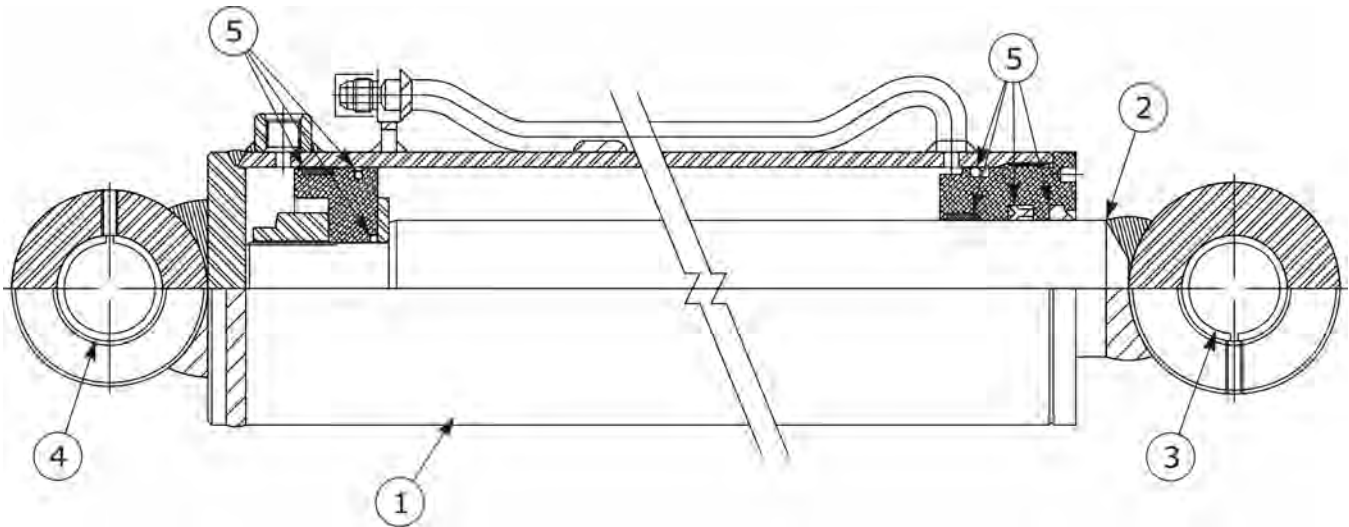
ITEM	PART NO.	QTY.	DESCRIPTION
0	02981315	1	HYD CYL ASY, HEAD SWIVEL
1	02981933	1	BARREL WLDMT
2	02981934	1	ROD ASY
3	02982072	1	SEAL KIT

HYDRAULIC CYLINDER ASY - DIPPER 22-25 FT BOOM



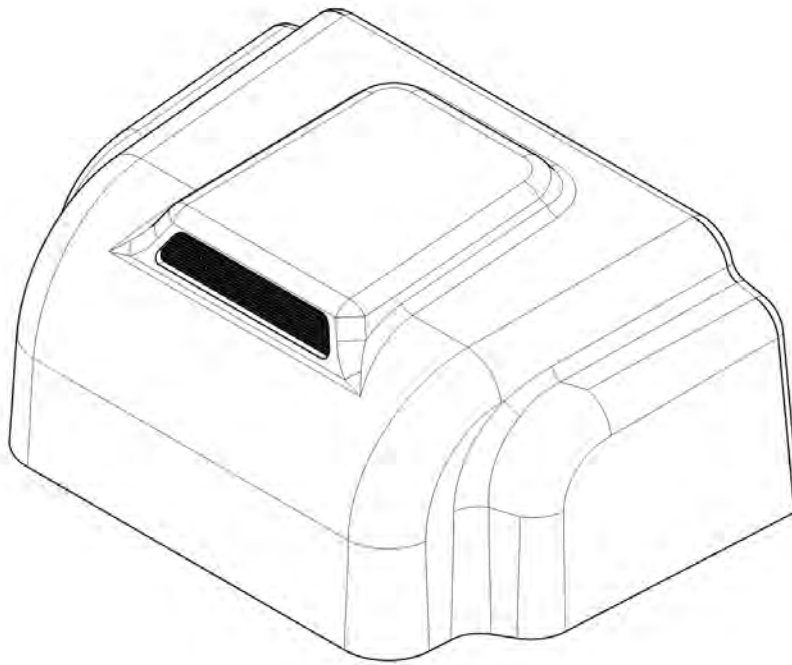
ITEM	PART NO.	QTY.	DESCRIPTION
	02981277	1	HYD CYL ASY, 4" BORE X 21.5" STROKE (22 & 25 FT BOOM)
1	02981925	1	BARREL WLDMT
2	02981926	1	ROD WLDMT
3	02982250	2	BUSHING, ROD END 1-1/2" LG
4	02982251	2	BUSHING, BARREL END 2" LG
5	02982068	1	SEAL KIT

HYDARULIC CYLINDER ASY - LIFT BOOM



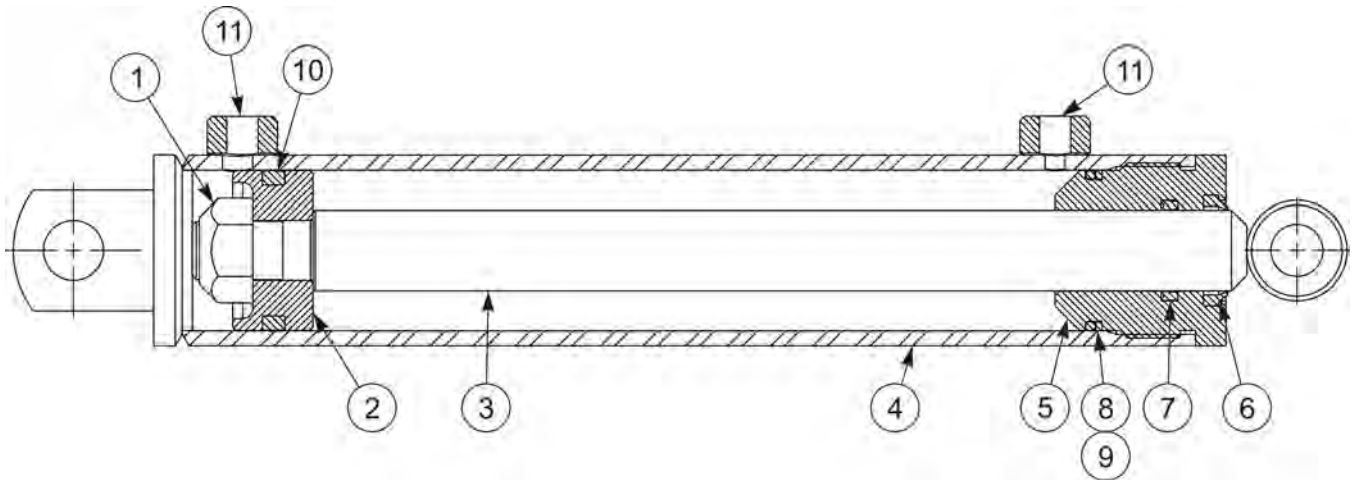
ITEM	PART NO.	QTY.	DESCRIPTION
	02981279	1	CYLINDER ASY, 4" BORE X 24.63" STROKE
1	02981929	1	BARREL WELDMENT
2	02981930	1	ROD WELDMENT
3	02982250	2	BUSHING, ROD END 1-1/2" LG
4	02982251	2	BUSHING, BARREL END 2" LG
5	02982068	1	SEAL KIT

PUMP-TANK-VALVE COVER



ITEM	PART NO.	QTY.	DESCRIPTION
1	02981381	1	ASY, PUMP COVER
-	02981441	2	KNOB 3/8NC X 1-1/2 STUD
	02986111	3.3	CABLE, PUMP COVER 36" LG
	00001000	2	CABLE CLAMP

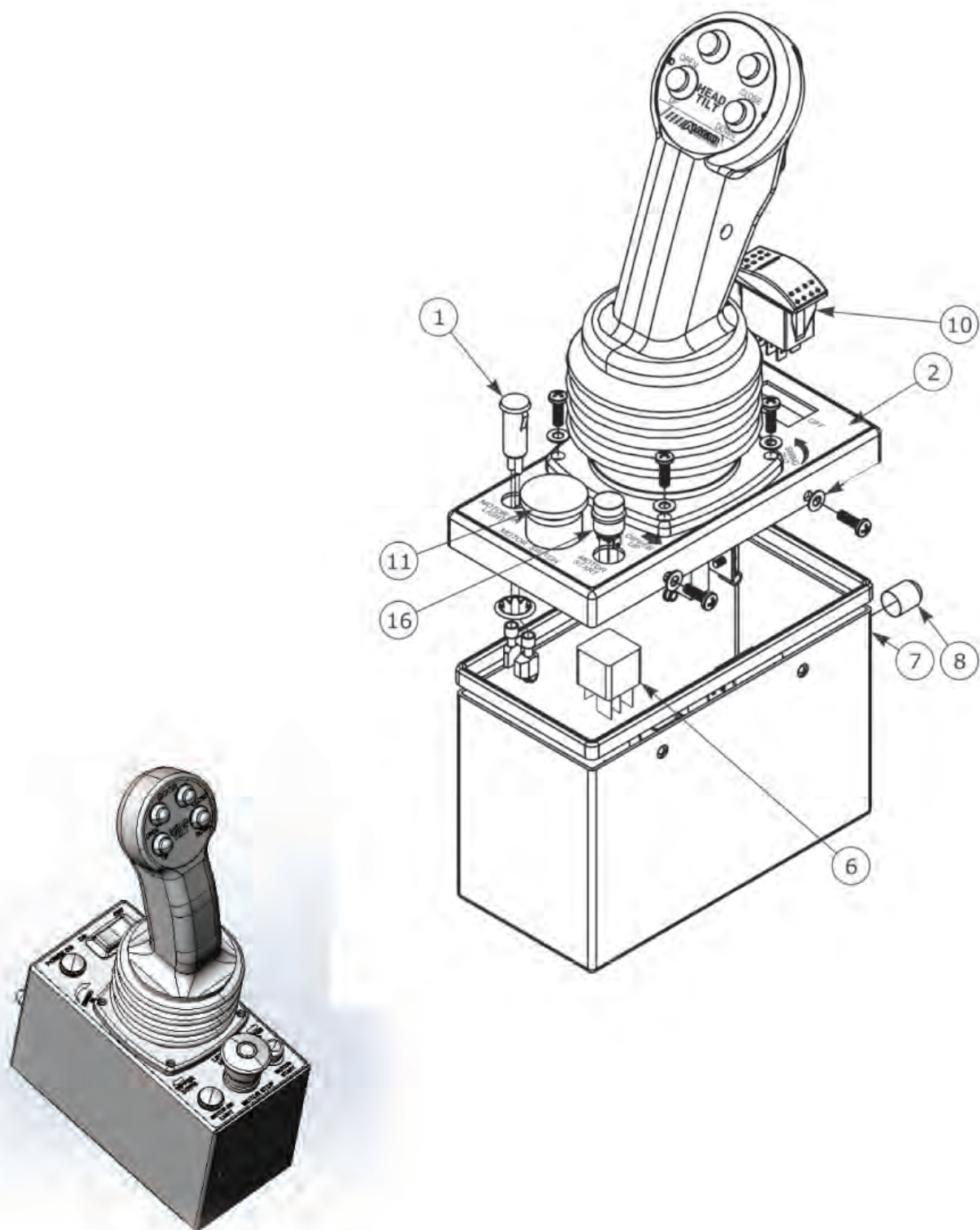
DOOR CYLINDER ASY



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)

SECTION 70 CONTROLS

JOYSTICK CONSOLE ASY

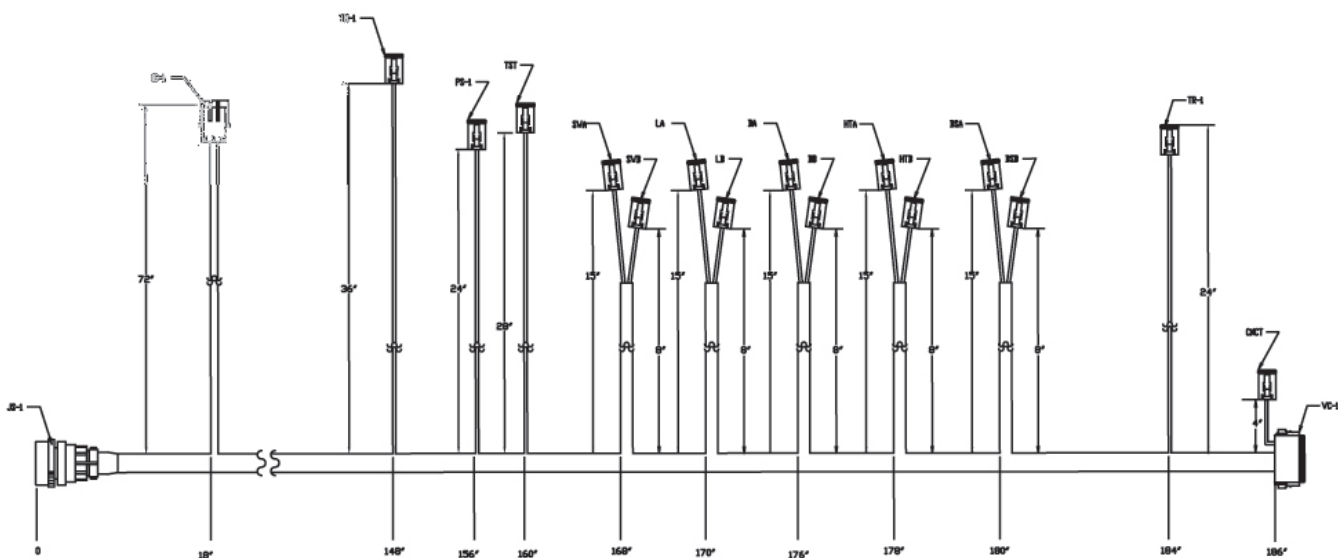


JOYSTICK CONSOLE ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02981020	1	LED RED 12VDC
2	02981021	1	DECAL JOYSTICK OPERATION CNSLE
6	02981025	1	RELAY SPDT 12VDC 20A
7	02981026	1	CIRCUIT BREAKER 10A PANEL MNT
8	02981027	1	BOOT CIRCUIT BREAKER COVER
10	02977043	4	SWITCH ROCKER DPDT W/GREEN LED
11	02981028	1	SWITCH PUSH PULL
16	02981030	1	SWITCH MOMENTARY PUSHBUTTON

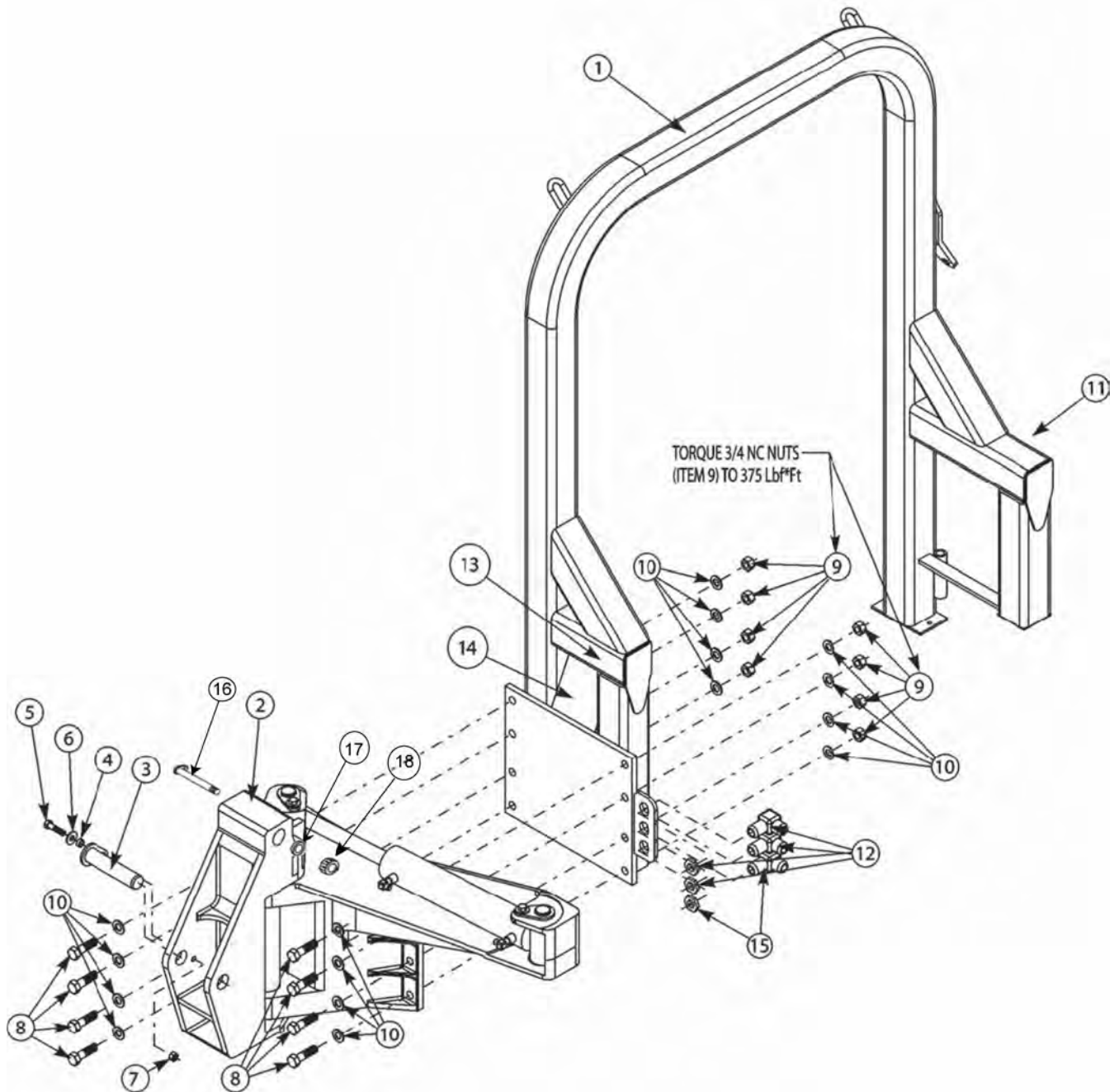
WIRE HARNESS P/N 32121250



ITEM	PART NO.	QTY.	DESCRIPTION
1	02984735	1	ASY, HARNESS, MACHETE

SECTION 80 FRAMES

HIGH FRAME MOUNT ASY - 2WD

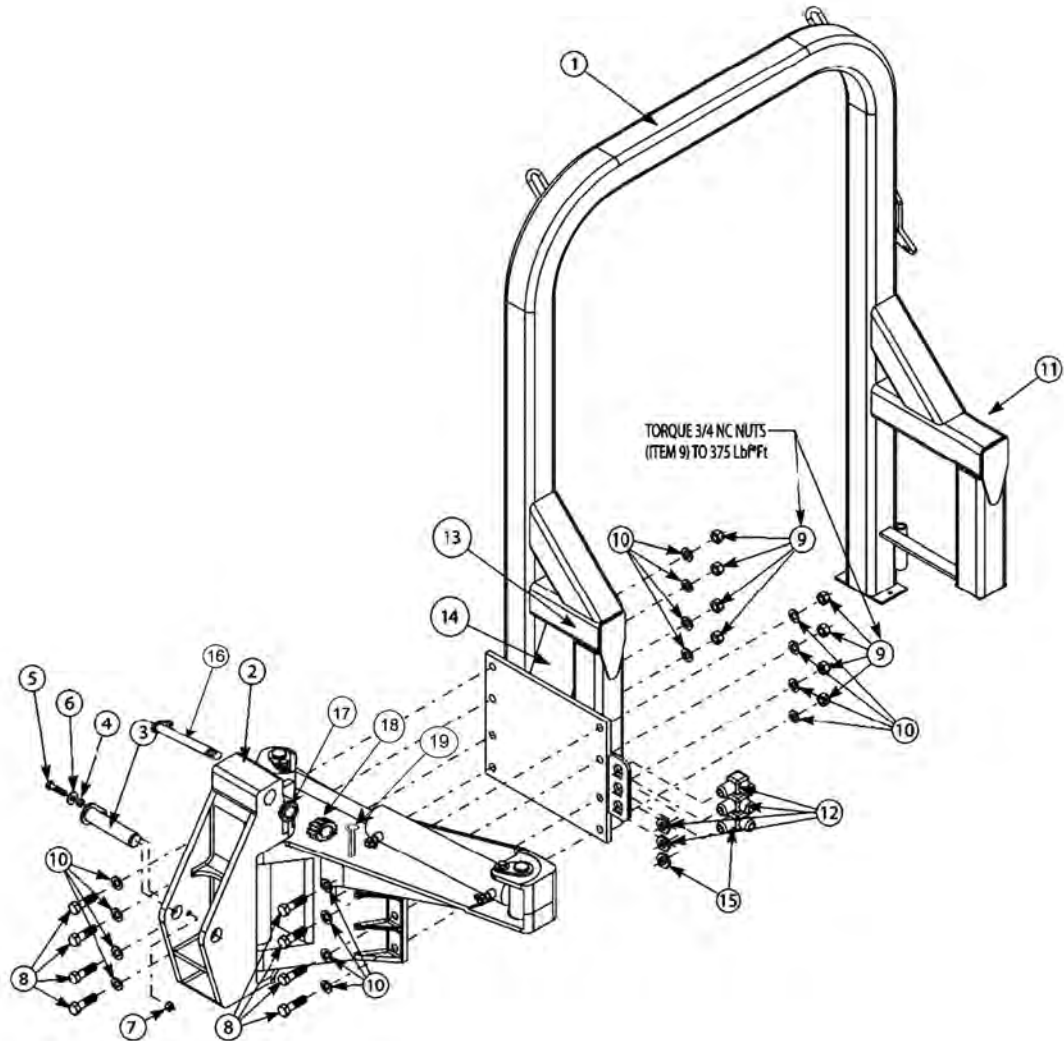


HIGH FRAME MOUNT ASY - 2WD

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987305	1	ASY, 2WD HIGH FRAME
1	02987306	1	WLDMT HIGH FRAME 2WD
2	02978000	1	SUB-ASSEMBLY KINGPOST FRAME
3	02978461	1	WLDMT PIN 1-1/2 OD X 6-3/4 LG
4	02975596	1	TUBE SPACER 3/4 OD X .51 ID X
5	00013300	1	HEXB 1/2 NC 2 PL5
6	00002700	1	FLATWASHER 1/2 PL STD
7	00001800	1	LOCKNUT TLM 1/2 NC PLC
8	02960521	8	HHCS 3/4 NC 2-3/4 PL8
9	00037200	8	NUT 3/4-NC TOPLOCK GRC PL
10	5312316	16	WASHER, 3/4" HARDENED
11	00725746	1	DECAL, PELIGRO
12	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
13	02962765	1	DECAL-MULTIPLE HAZARD
14	02965262	1	DECAL-,WARNING OIL LEAK
15	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
16	02971703	1	WELDMENT, PIN - 14-15/16LG
17	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
18	02971701	1	NUT SLOT 1-3/8 12NF PLB
	165020	1	PIN, COTTER 5/16 X 2-1/2 PL

HIGH FRAME MOUNT ASY - 4WD

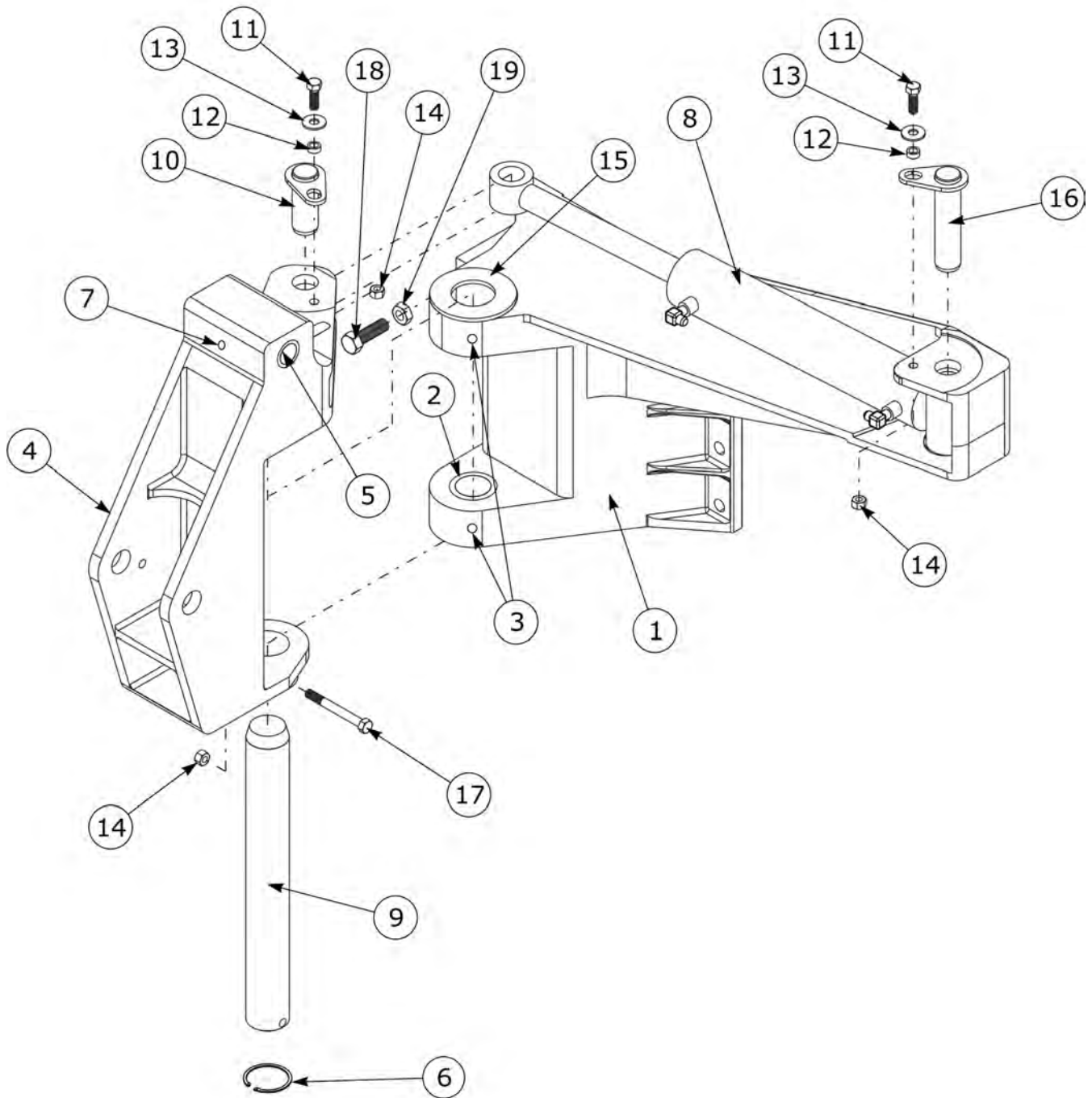


HIGH FRAME MOUNT ASY - 4WD

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987979	1	ASY HIGH FRAME 4WD
1	02987980	1	WLDMT HIGH FRAME 4WD
2	02978000	1	SUB-ASSEMBLY KINGPOST FRAME
3	02978461	1	WLDMT PIN 1-1/2 OD X 6-3/4 LG
4	02975596	1	TUBE SPACER 3/4 OD X .51 ID X
5	00013300	1	HEXB 1/2 NC 2 PL5
6	00002700	1	FLATWASHER 1/2 PL STD
7	00001800	1	LOCKNUT TLM 1/2 NC PLC
8	02960521	8	HHCS 3/4 NC 2-3/4 PL8
9	00037200	8	NUT 3/4-NC TOPLOCK GRC PL
10	5312316	16	WASHER, 3/4" HARDENED
11	00725746	1	DECAL, PELIGRO
12	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
13	02962765	1	DECAL-MULTIPLE HAZARD
14	02965262	1	DECAL-,WARNING OIL LEAK
15	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
16	02971703	1	WELDMENT, PIN - 14-15/16LG
17	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
18	02971701	1	NUT SLOT 1-3/8 12NF PLB
19	165020	1	PIN, COTTER 5/16 X 2-1/2 PL

HIGH FRAME MOUNT SUB-ASY



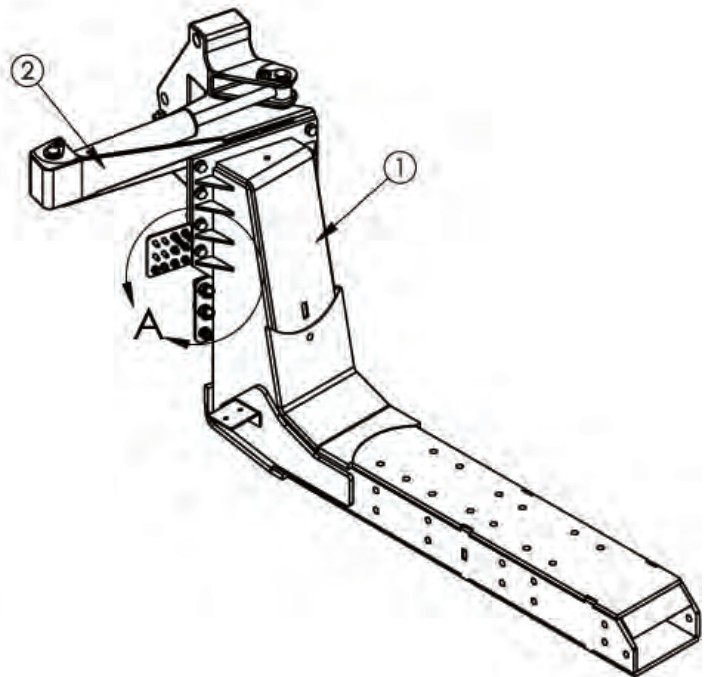
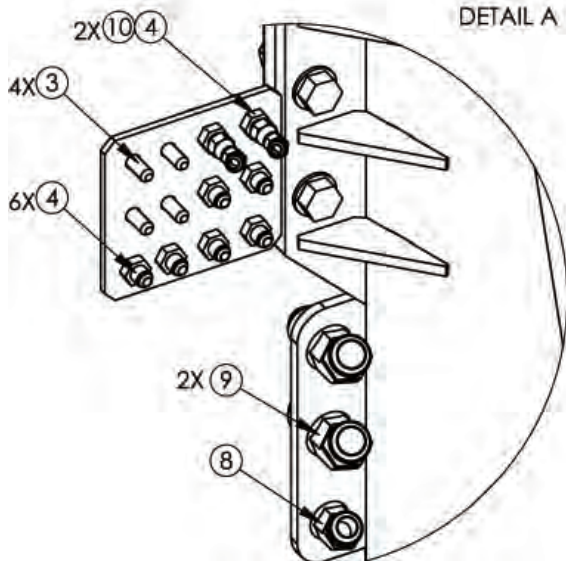
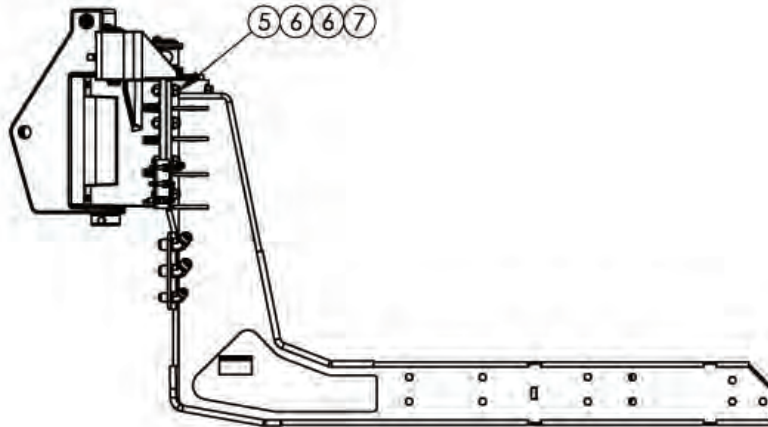
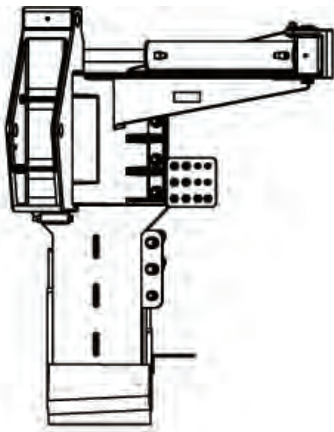
HIGH FRAME MOUNT SUB-ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02978000	1	SUB-ASSEMBLY KINGPOST FRAME
	02988178	1	KIT, GREASABLE, KINGPOST MOUNT
1	02975491	1	MOUNTING KINGPOST MACHINED
2	02989883	2	BUSHING 2.5IDx3.0ODx2.0LG (CHECK BUSHING SIZE BEFORE ORDERING)
	02987636	2	BUSHING CONNEX 2-3/4 X2 -1/2X2 (PROVIDE PART NUMBER AND DIMENSIONS)
3	00752670	2	FITTING,GREASE STRAIGHT 1/4-28
	02988179	1	KINGPOST KIT
4	02975493	1	KINGPOST MACHINED
5	02987739	2	BUSHING CONNEX 1-3/4 X1 -1/2X3
6	02975429	1	SNAP RING INTERNAL 2.775 DIA X
7	00752670	1	FITTING,GREASE STRAIGHT 1/4-28
8	02968840	1	ASSY,SWING CYLINDER
9	02990311	1	PIN 2-1/2 OD X 20-11/16 LONG
10	02978477	1	WLDMT PIN 1-1/2 X 3-9/16 LG
11	00748823	2	HHCS 1/2-13UNC 1-1/2 PL5
12	02975596	2	TUBE SPACER 3/4 OD X .51 ID X .25 LG
13	00002700	2	FLATWASHER 1/2 PL STD
14	00001800	3	LOCKNUT TLM 1/2 NC PLC
15	02966088	1	WASHER,THRUST-5OD X 2-9/16ID
16	02978461	1	WLDMT PIN 1-1/2 OD X 6-3/4 LG
17	02956765	1	HHCS 1/2 NC 4-1/2 PL8
18	02963646	1	HHCS 3/4 NC 2-1/2 PL8
19	02023900	1	NUT 3/4 NC HEX PL JAM

NOTE: ITEMS 1 - 3 ARE APART OF KIT 02988178 AND ITEMS 4 - 5 ARE APART OF KIT 02988179

UNDERMOUNT ASSEMBLY MACHETE 3 P/N 32121620



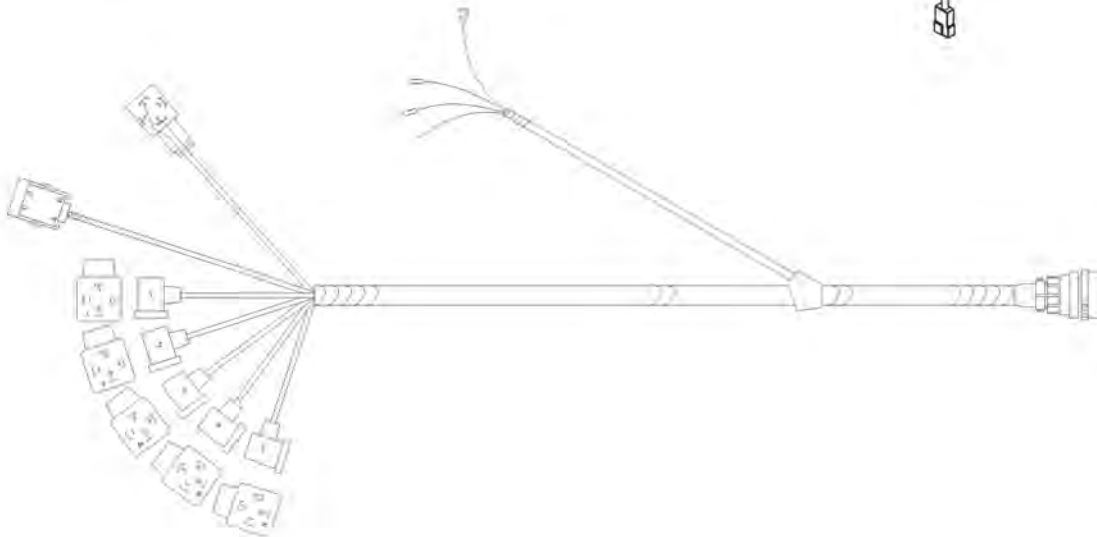
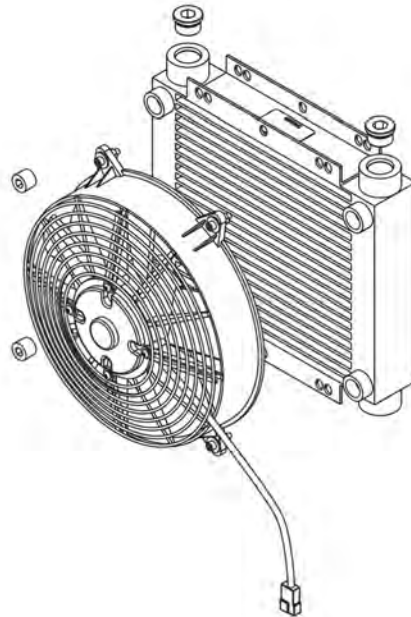
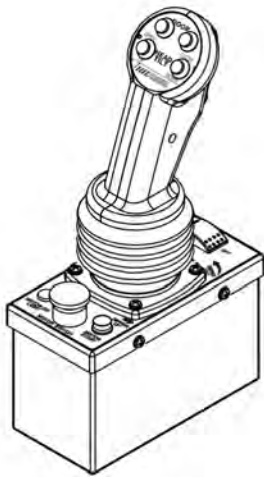
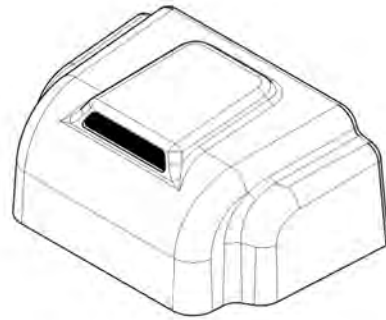
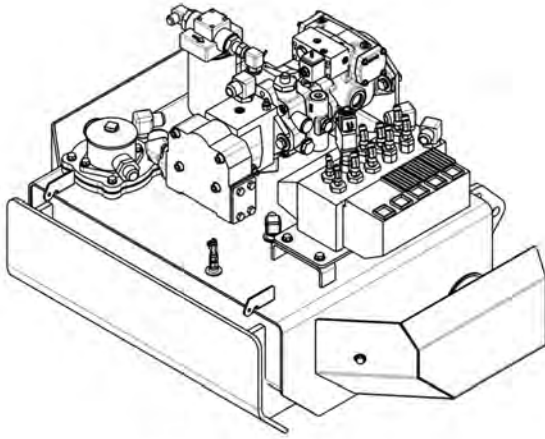
UNDERMOUNT ASSEMBLY MACHETE 3 P/N 32121620

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	32121591	1	WLDMT, MB3 UM
2	02978000	1	SUB-ASSEMBLY KINGPOST FRAME
3	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
4	001627	8	ADP HYD STGHT 6MJ-6MJ BLKHD
5	02960521	8	HHCS 3/4 NC 2-3/4 PL8
6	5312316	16	WASHER, HARDENED 3/4"
7	00037200	8	NUT,HEX TOPLOCK 3/4 NC GR.C PL
8	02981199	1	ADP HYD ELBOW 12MJ-12MJ45 BKHD
9	02919400	2	ADP HYD BKHD 16MJ-16MJ45
10	02976531	2	ADP HYD ELBOW 6MJ - 6FJX 45DEG

SECTION 90 ACCESSORIES

COMMON CRATE COMPONENTS



COMMON CRATE COMPONENTS

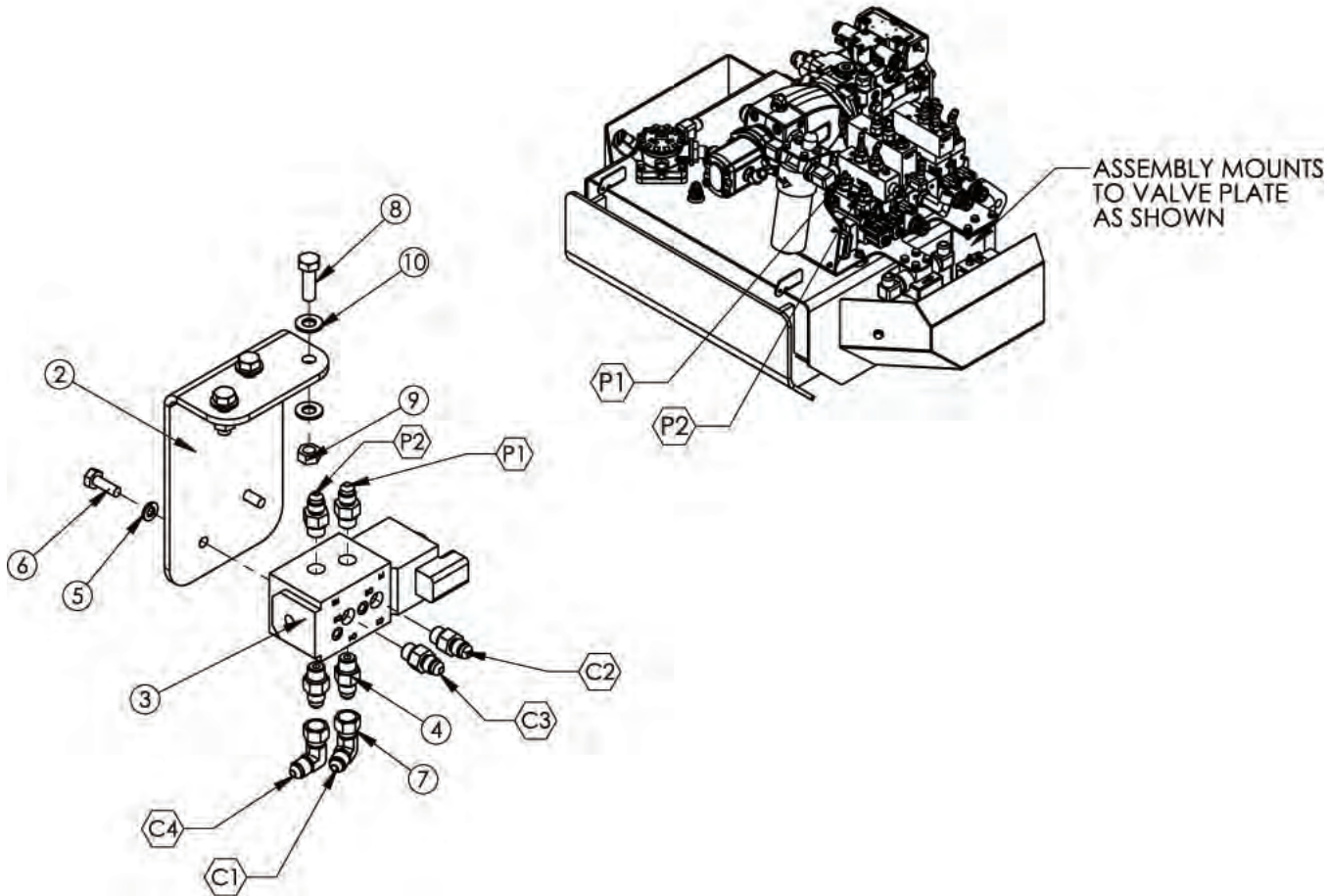
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02981441	2	KNOB 3/8NC X 1-1/2 STUD
2	02986111	1	CABLE, PUMP COVER 36" LG
3	02986130	1	CABLE, MANUAL CANISTER, 24" LG
4	02970116	2	TUBE,FRAME MOUNTING
5	02966639	8	BAR,MOUNT STRAP
6	02975004	1	MOUNT TIE ROD
7	32121250	1	HARNESS, MB3, MA/HF
8	02987499	1	PACKET, INST DWGS AND DECALS
9	02981381	1	ASY, PUMP COVER
10	02987705	2	BAR,MOUNT STRAP 4-1/2"
11	02987727	1	BOOM TO FRAME HOSE BUNDLE
12	32121243	1	JOYSTICK, STD, MA OUT
13	00776031	1	CANISTER,MANUAL
14	32121478	1	ASY, TANK AND VALVE
15	32122166A	1	ASY, OPS&PARTS MANUAL, MB3
16	32122166CA	1	ASY, MANUAL CANISTER, MB3
17	02753400	5	PLASTIC TIE 15 LG UV BLACK
18	02986936	1	BOLT BAG, MB2, COMMON
19	02996646	1	RUBBER GROMMET, 2-1/4" HOLE
20	02997583	1	KIT,DECALS,COMMON, SAM/MB2
21	02997930	1	KIT, FOUR LIGHT BAR, BOOM

SWIVEL KIT INSTALL P/N 32121915

HOSE ROUTING TABLE		
LETTER	DESTINATION	COLOR
P1	VALVE DOOR CLOSE	GREEN/WHITE
P2	VALVE DOOR OPEN	GREEN
C1	DOOR CYL BASE	YELLOW/WHITE
C2	SWIVEL CYL BASE	GREEN/WHITE
C3	SWIVEL CYL ROD	GREEN
C4	DOOR CYL ROD	YELLOW

- INSTALLATION INSTRUCTIONS:
1. MOUNT DIVERTER TO PLATE 32121914 AS SHOWN.
 2. INSTALL FITTINGS AS SHOWN.
 3. MOUNT ASSEMBLY IN PLACE ON CONTROL VALVE PLATE AS SHOWN.
 4. CONNECT DIVERTER HOSES (02987962, INCLUDED) FROM VALVE TO PORTS P1 AND P2.
 5. CONNECT SWIVEL CYLINDER HOSES (32121911, INCLUDED) TO PORTS C2 AND C3.
 6. CONNECT ORIGINAL DOOR HOSES TO PORTS C1 AND C4.
 7. CONNECT COIL TO CONNECTOR TR-1 ON THE MAIN HARNESS.



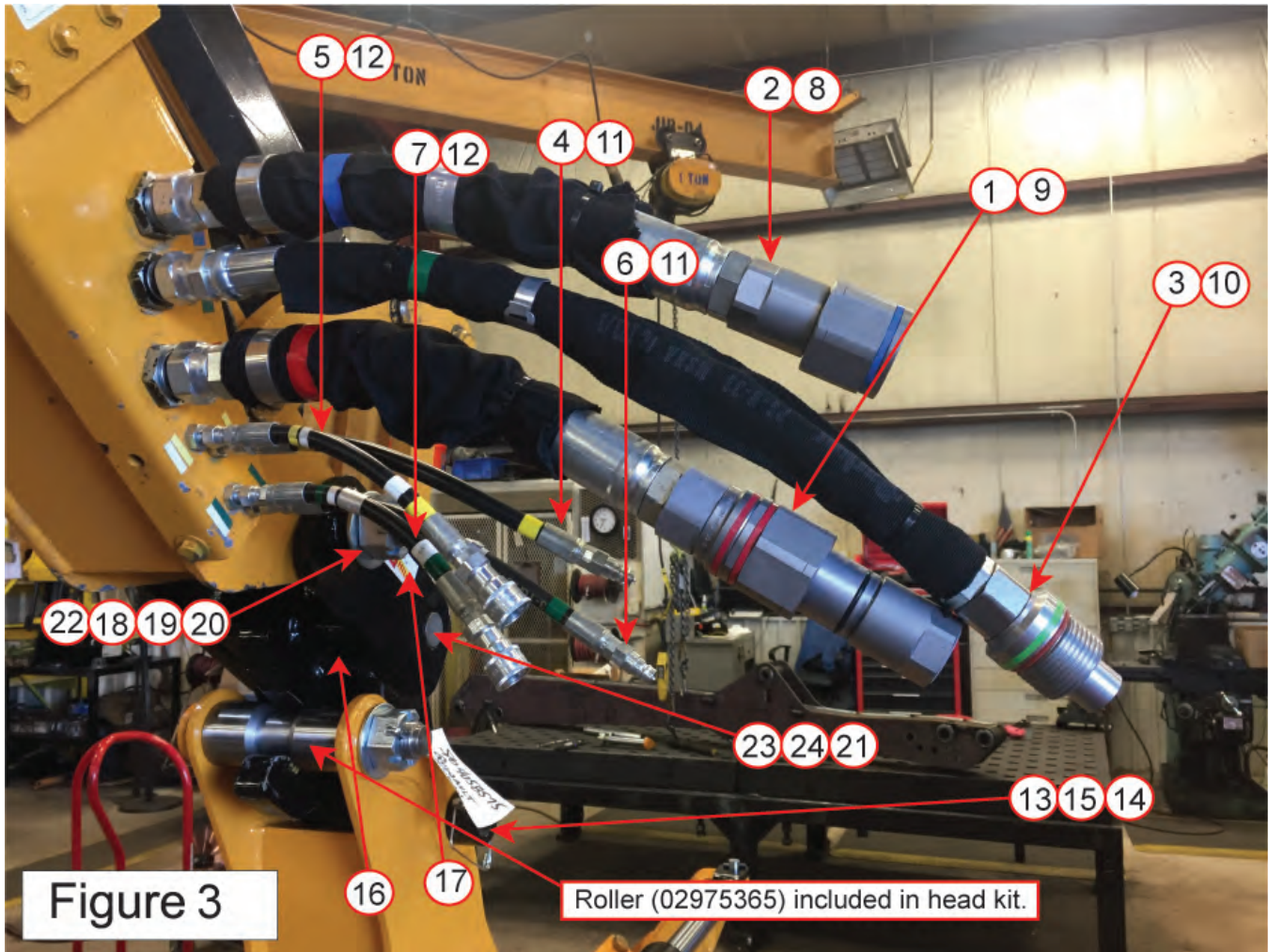
ITEM	PART NO.	QTY.	DESCRIPTION
2	32121914	1	PLATE, VALVE MT, SWIVEL
3	02997759	1	VALVE SOL DIVERTER DEUTSCH

SWIVEL KIT INSTALL P/N 32121915

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
4	02962181	6	ADP HYD STGHT 4MB-4MJ
5	00017000	2	WASHER,LOCK 1/4 GR8 - YDP
6	00021400	2	HHCS 1/4 NC 3/4 PL5
7	02962022	2	ADP HYD ELBOW 4MJ-4FJX90
8	10119000	3	HEXB 5/16 X 1 NC GR5
9	00750940	3	LOCKNUT TLM 5/16 NC PLB
10	00023500	6	FLATWASHER 5/16 PL

QUICK HITCH BOOM P/N 02989463



ITEM	PART NO.	QTY.	DESCRIPTION
1	02996748	1	HOSE#16 16FJX-16MB 16"
2	02996749	1	HOSE#16 16FJX-16MB 14.5"
3	02996750	1	HOSE#12 12FJX-12MB 22.8"
4	02996884	1	HOSE#4 4FJX-4MB 11.5"
5	02996885	1	HOSE#4 4FJX-4MB 9.3"
6	02996886	1	HOSE#4 4FJX-4MB 11.5"
7	02996887	1	HOSE#4 4FJX-4MB 9.3"
8	02996758	1	QUICK DISCONNECT, FSI 16 BLU F
9	02996759	1	QUICK DISCONNECT, FSI 16 RED M
10	02996761	1	QUICK DISCONNECT, FSI 12 GRN M
11	02975606	2	QUICK COUPLER 4MQ-4FB
12	02975607	2	QUICK COUPLER 4FQ-4FB
13	02975368	1	WLDMT PIN
14	02961620	1	PIN-SAFETY CLIP 3 USABLE LGTH
15	02971746	1	BSHG 2-1/4 X1-1/2 X1-1/4

QUICK HITCH BOOM P/N 02989463

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
16	02976259	1	WLDMNT QUICK HITCH
17	02977881	2	DECAL - QUICK HITCH
18	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
19	02971701	1	NUT SLOT 1-3/8 12NF PLB
20	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
21	00015800	1	LOCKNUT TLM 3/8-NC PLC
22	02971720	1	WELDMENT, PIN - 11-1/2LG
23	02971756	1	PIN, 1-1/2 X 9 CHROME
24	02970595	1	HHCS 3/8 NC 2-3/4 PL8



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.

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



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

