



Boom Arm Mower

Rev 08-11

Part No. 02986941P

PART'S MANUAL



¡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.

ALAMO INDUSTRIAL

1502 E. Walnut
Seguin, Texas 78155
210-372-3551



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. 
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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. 
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WARRANTY INFORMATION:

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

BOLT TORQUE

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

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

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

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

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

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

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

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

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

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

Proper Torque Values for Standard Bolts			Proper Torque Values for Metric Bolts				
Bolt Diameter			Bolt Diameter				
	Head Marking Three Lines Grade Five	Head Marking Six Lines Grade Eight		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	Pound - Foot Value Dry	Pound - Foot Value Dry
1/4"	7	10	6mm	3	7	9	10
5/16"	15	22	8mm	6.2	16	23	24
3/8"	26	39	10mm	12	32	45	47
7/16"	42	60	12mm	21	55	79	81
1/2"	64	88	14mm	34	88	126	130
9/16"	100	134	16mm	53	137	196	202
5/8"	128	180	18mm	73	189	270	279
3/4"	227	320	20mm	104	267	382	394
7/8"	365	515	22mm	141	364	520	537
1"	547	772	24mm	179	461	660	680
			27mm	262	676	968	998
			30mm	355	917	1312	1353

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

PARTS SECTION

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.



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



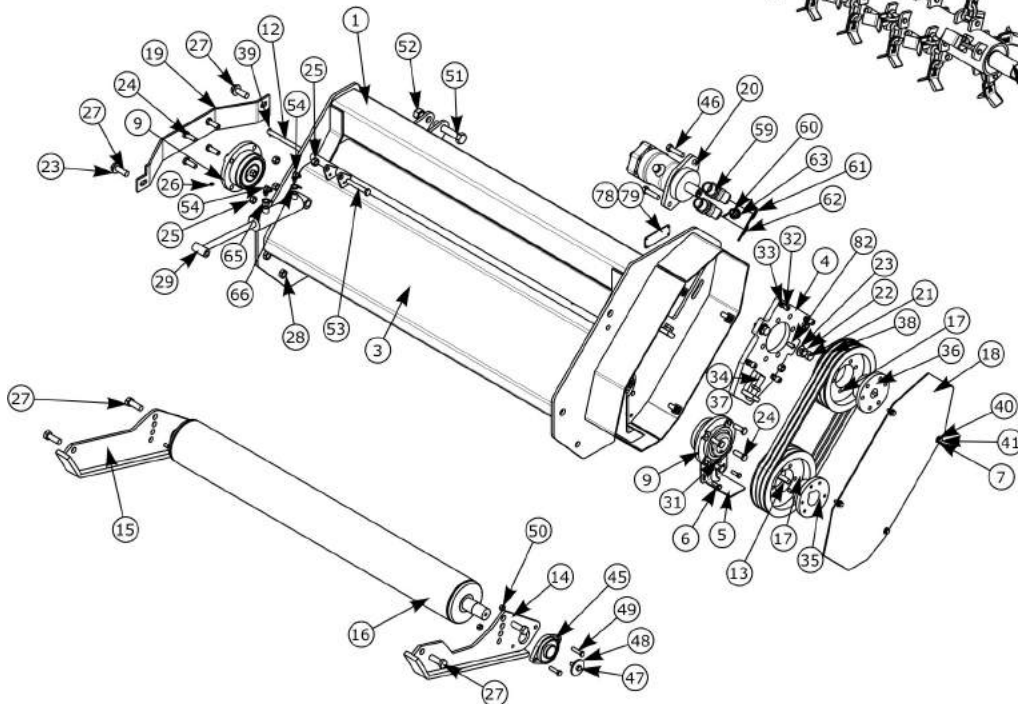
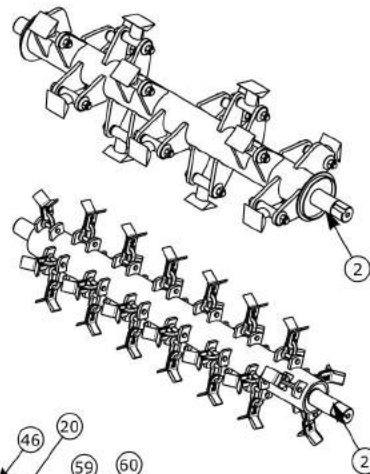
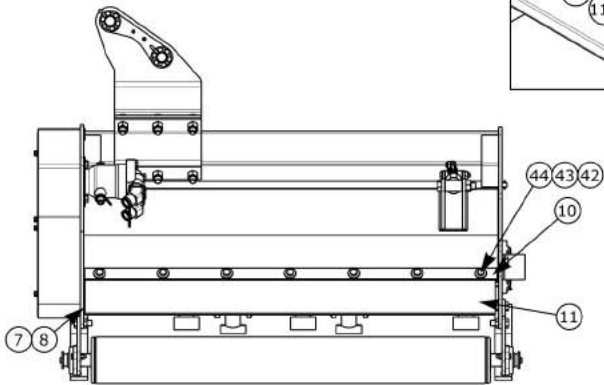
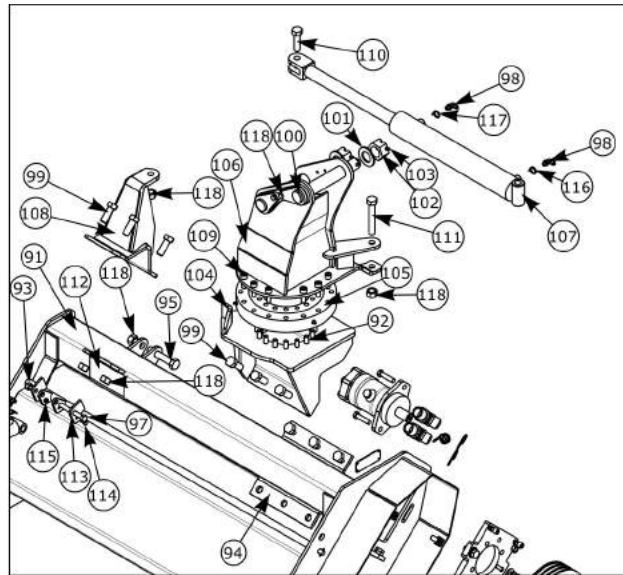
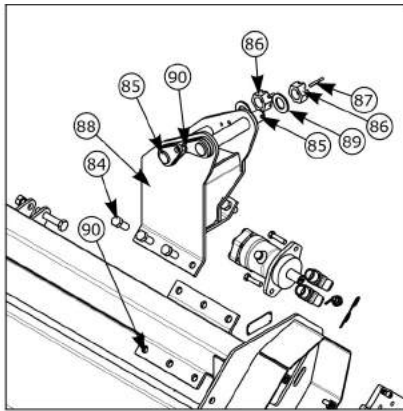
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48 IN FLAIL AXE - HEAD ASY (PART 1)

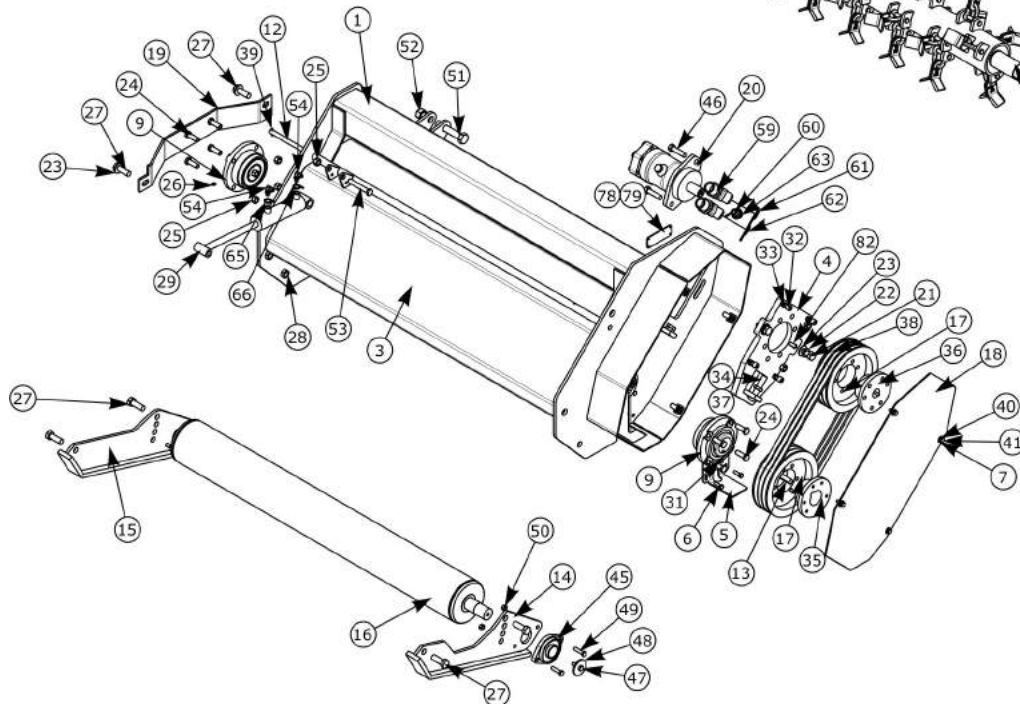
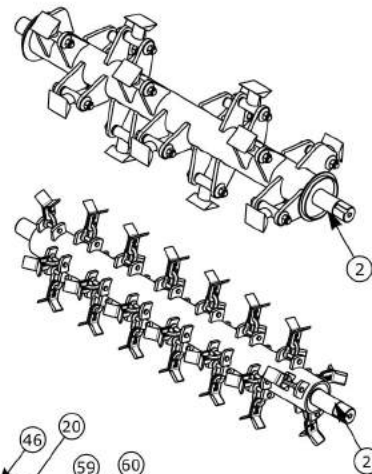
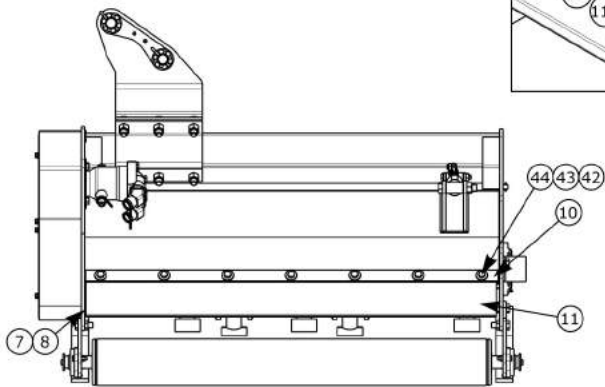
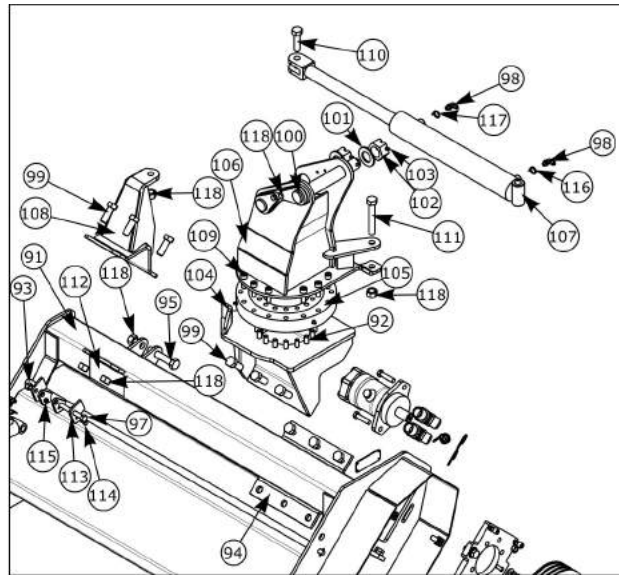
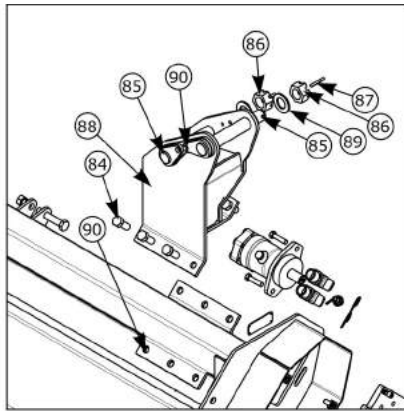


48 IN FLAIL AXE - HEAD ASY (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	02970301	1	WLDMT, FLAIL AXE HEAD
2	02957655M	1	ASY, CUTTERSHAFT, 48" F/A
	02989696	1	ASY, CTRSHFT, SHD, EXT SERV. KNIVES
3	02970465	1	WLDMT DOOR, 48" FLAIL AXE
4	02973256	1	WLDMT, MOTOR MOUNT
5	02970709	1	PLATE, COVER FLAIL AXE
6	10119000	2	HHCS 5/16 NC 1 PL5
7	00023500	6	FLATWASHER 5/16, TYPE AW, ZP
8	00750940	2	NUT, TOPLOCK 5/16 NC PL B
9	02958131A	2	FLANG BEARING ASY
10	02956714	1	CLAMP BAR
11	02956712	1	RUBBER FLAP
12	02970326	1	ROD-HINGE, F/A DOOR
13	02958198	1	1/2 X 1/2 X 1 7/8 LG
14	02970585	1	WLDM SKIDSHOE INSIDE FLAIL AXE
15	02956748	1	SKID SHOE WLDMT
16	02970540	1	WLDMT - REAR ROLLER
17	02967325	2	PULLEY, 3G5V - 8.50 DIA
18	02970325	1	PLATE-BELT & PULLEY COVER
19	02972442	1	FLAIL AXE BEARING GUARD
20	02970763	1	PISTON MOTOR
21	02675800	2	HHCS 5/8 X 1-1/2 PL GR5
22	00010300	2	HIGH ALLOY, L/W 5/8 YZ KG
23	00001400	4	FLATWASHER 5/8 PL STD
24	02892000	8	HHCS 1/2NC 1-1/2 LG PL8
25	00001800	11	LOCKNUT TLM 1/2 NC PLB
26	00752670	1	GREASE FITTING 1/4-28 BOLT THD
27	00008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
28	00695100	5	LOCKNUT TOPLOCK 5/8NC PLB
29	02970710A	1	CYL, DOOR, 48" F/A
31	000941	1	GREASE ZERK 1/4-28 90 BOLT THD
32	02970583	4	SHCS 3/8 NF 1-1/2 PL GR5
33	23504500	8	JAMNUT 3/8 NF
34	03200925	1	CARR 5/8 NC X 3 PL GR5
35	02967328	1	BUSHIN, QD HUB SF 1-15/16 ID
36	02970725	1	BUSHIN, QD HUB SF 1-1/8 ID
37	00013500	3	NUT, 3/8 NC JAMNUT
38	02970539	3	V BELT
39	02956768	2	PIN, ROLL 5/32X1
40	00011700	4	HIGH ALLOY, L/W 5/16 YZ KG
41	00035900	4	HHCS 5/16 NC X 3/4 GR5

48 IN FLAIL AXE - HEAD ASY (PART 2)

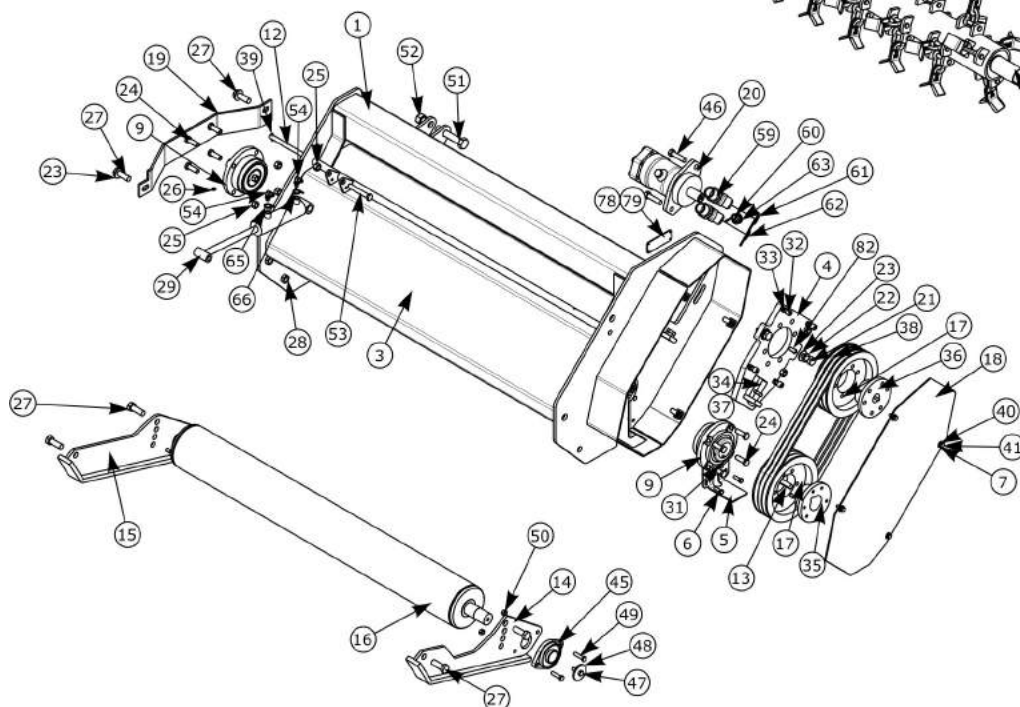
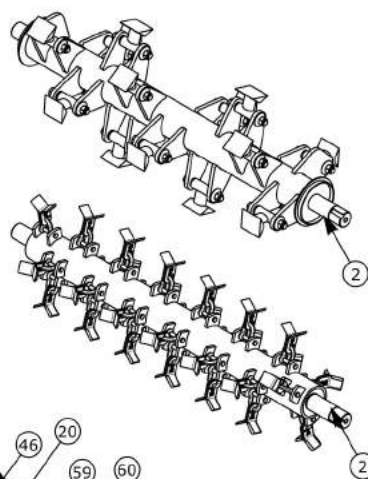
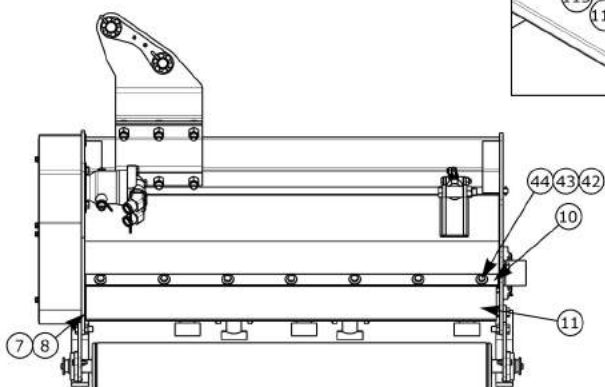
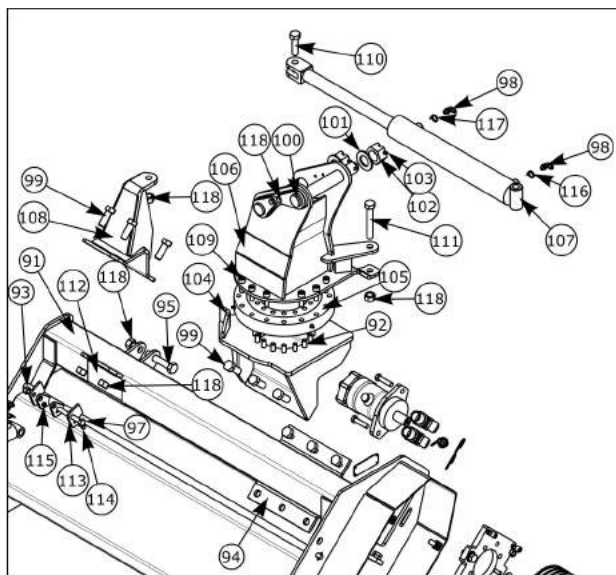
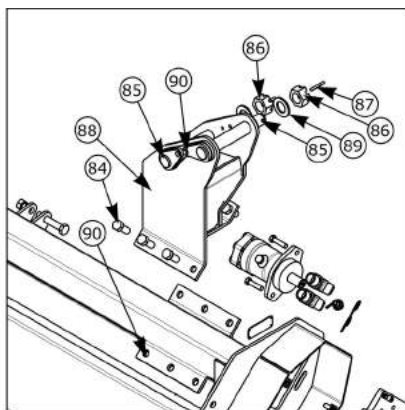


48 IN FLAIL AXE - HEAD ASY (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
42	000642	7	LOCKNUT TLM 1/2 NC PLB
43	00002700	7	FLATWASHER, 1/2 PL STD
44	00019300	7	HHCS 1/2 X 1-1/2 NF GR5 PL
45	02957041	2	ROLLER BEARING & FLANGE
46	00013300	2	BOLT, HHCS 1/2" NC X 2" PL5
47	02972949	2	BOLT, HHCS 3/8 NC 1-1/4 PL8
48	02970586	2	WASHER, 2 X 7/16 X 3/16
49	02977955	4	HHCS 3/8NC 1-1/2 PL GR8
50	00015800	4	LOCKNUT TLM 3/8 NC PLC
51	00003300	1	HHCS 3/4" X 4" LG
52	00037200	7	NUT 3/4 NC LOCKNUT
53	00605600	1	HHCS 1/2 X 3-1/4 NC PL
54	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
59	02043600	2	ADP, HYD ELBOW 16MB - 16MJ 45
60	00696800	1	ADP HYD STGHT 8MB-8MJ
61	02968896	1	PLASTIC TIE, ORANGE, 11LG
62	02968894	1	PLASTIC TIE, RED, 11LG
63	02968895	1	PLASTIC TIE, BLUE, 11LG
65	02968836	1	PLASTIC TIE, YELLOW
66	02968837	1	PLASTIC TIE, YELLOW & WHITE
67	002369	1	DECAL, DANGER, MULTI-HAZARD
68	02965141	1	DECAL, DANGER BOOM FLAILS
69	02967668	1	DECAL, THROWN OBJECTS
70	02967867	1	DECAL, DANGER SAFETY SHIELD
71	00725739	1	DECAL WARN. SHEILD&GUARDS
72	00758194	1	DECAL, WARNING, BELT SHIELD
73	02925100	1	DECAL, REPLACEMENT PARTS
74	000108	1	DECAL, INSTRUC, FLAIL OPER
75	000678	1	DECAL, GREASE FITTING INSIDE
76	00757139	1	DECAL, LOGO (ALAMO BY T.K.)
77	02970887	1	DECAL, LOGO, FLAIL AXE 48"
78	3710151	4	METAL TACK
79	02971501	1	PLATE, S/N FLAIL AXE 48"
81	02979551	1	DECAL, ALAMO INDUSTRIAL LOGO
82	03200521	1	KEY, STEP, 1/4X5/16X1
83	02970324	1	PLATE-CLAMP, HITCHPOST
84	02918600	6	HHCS 3/4 NC 2 PL8
85	02981757	2	WELDMENT, PIN, HITCH POST
86	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
87	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
88	02986218	1	WELDMENT, HITCHPOST

48 IN FLAIL AXE - HEAD ASY (PART 3)

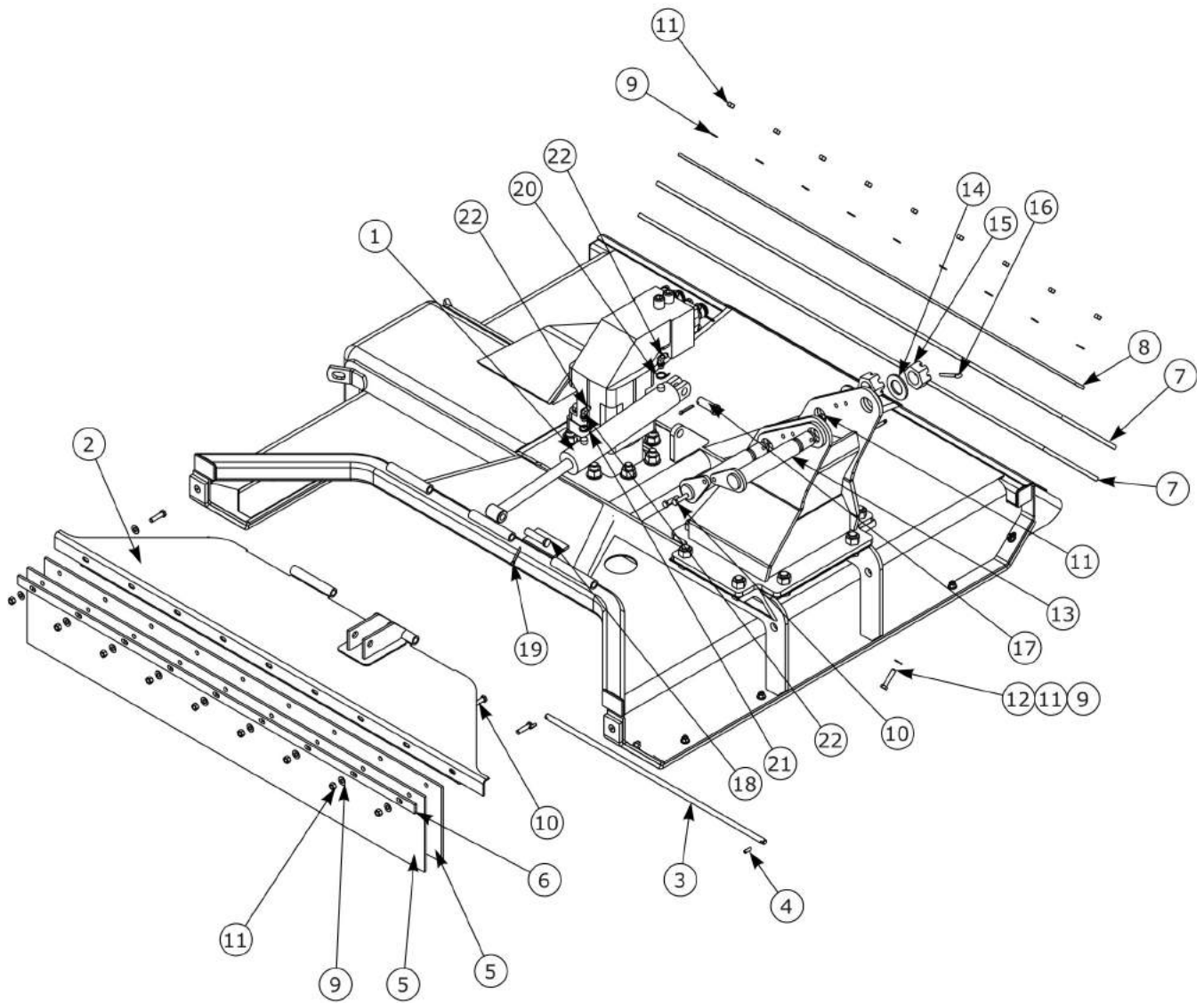


48 IN FLAIL AXE - HEAD ASY (PART 3)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
88	02986218	1	WELDMENT, HITCHPOST
89	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
90	00011400	2	BOLT, HHCS 3/8 NC 1 PL5
91	02970301	1	WLDMT, FLAIL AXE HEAD
92	02892000	23	HHCS 1/2NC 1-1/2 LG PL8
93	00001800	11	LOCKNUT TLM 1/2 NC PLB
94	02970324	1	PLATE-CLAMP, HITCHPOST
95	00003300	1	HHCS 3/4" X 4" LG
96	00037200	13	NUT 3/4 NC LOCKNUT
97	00008200	1	BOLT, HHCS 1/2" NC X 3-3/4" PL5
98	02960018	4	ADP, HYD, ELBOW, 4MB-4MJ90
99	02918600	10	HHCS 3/4 NC 2 PL8
100	02981757	2	WELDMENT, PIN, HITCH POST
101	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
102	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
103	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
104	02984370	1	ADP, SWIVEL, FLAIL AXE
105	02981318	1	BEARING, 12OD X 5.8ID
106	02985319	1	WELDMENT, HITCH POST
107	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
108	02984374	1	WLDMNT, SWIVEL, CYL BRKT
109	02981820	12	SHCS 1/2 NC X 1 1/2" LG PL8
110	02963646	1	HHCS 3/4 NC 2-1/2 PL8
111	00754105	1	HHCS 3/4 NC 4 1/2 PL8
112	02984382	1	CLAMP, PLATE, SWIVEL
113	02984470	2	STOP, FLAIL AXE SWIVEL
114	00021400	2	BOLT, HHCS 1/4" NC X 3/4" PL
115	02959924	2	NUT, TOPLOCK 1/4 NC PLB
116	02968832	1	PLASTIC TIE, GREEN
117	02968833	1	PLASTIC TIE, GREEN & WHITE
118	00011400	2	BOLT, HHCS 3/8 NC 1 PL5

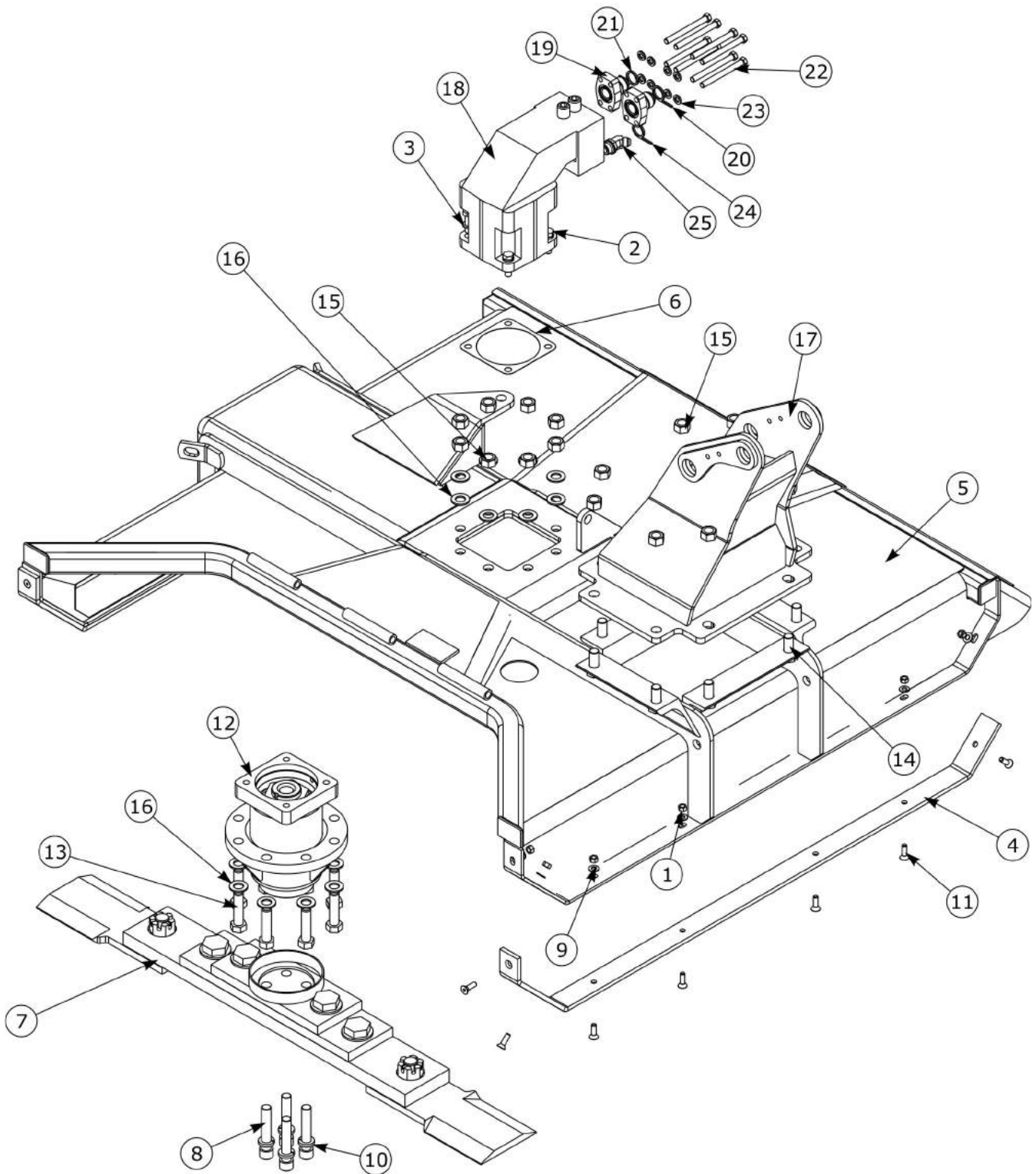
50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT)



50 IN ROTARY - BLADE BAR - HEAD ASY (SOLID MNT)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02986704	1	ASY, 50" ROT, PISTON, BAR
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
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 1/4 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER 3/8 STD
10	00023100	11	HHCS 3/8 X 1-1/2 NC PL GR5
11	00015800	34	LOCKNUT TLM 3/8 NC PLC
12	00007000	9	HHCS 3/8 NC 1-3/4 PL5
13	02981757	2	WELDMENT, PIN, HITCH POST
14	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
15	02971701	2	NUT, SLOTTED 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 - MACHINED HEAD
19	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
20	02968837	1	PLASTIC TIE, YELLOW & WHITE
21	02968836	1	PLASTIC TIE, YELLOW
22	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90

50 IN ROTARY - BLADE BAR - HEAD SUB-ASY (SOLID MNT)

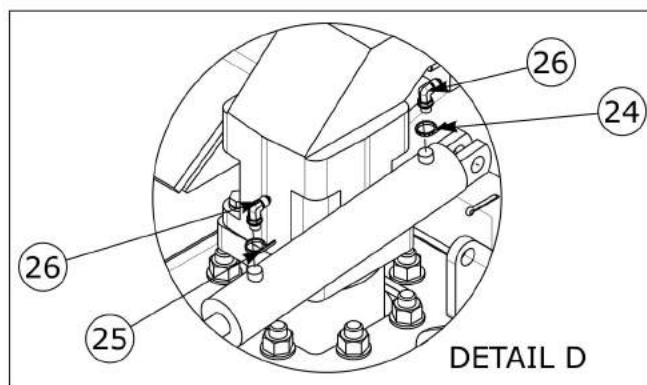
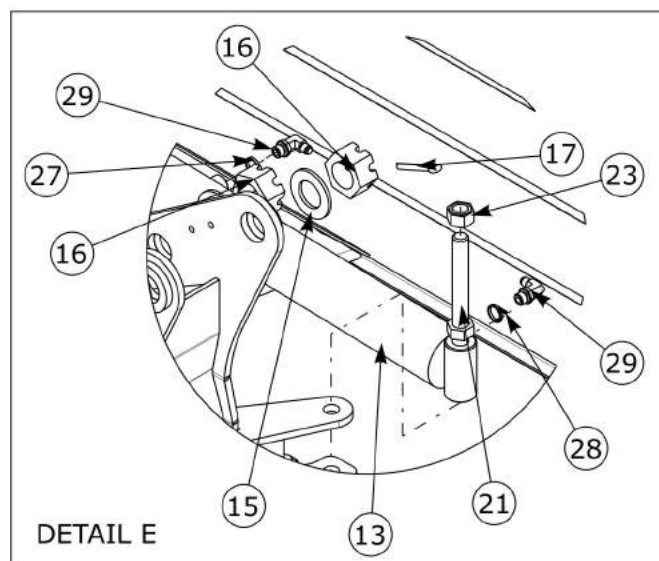
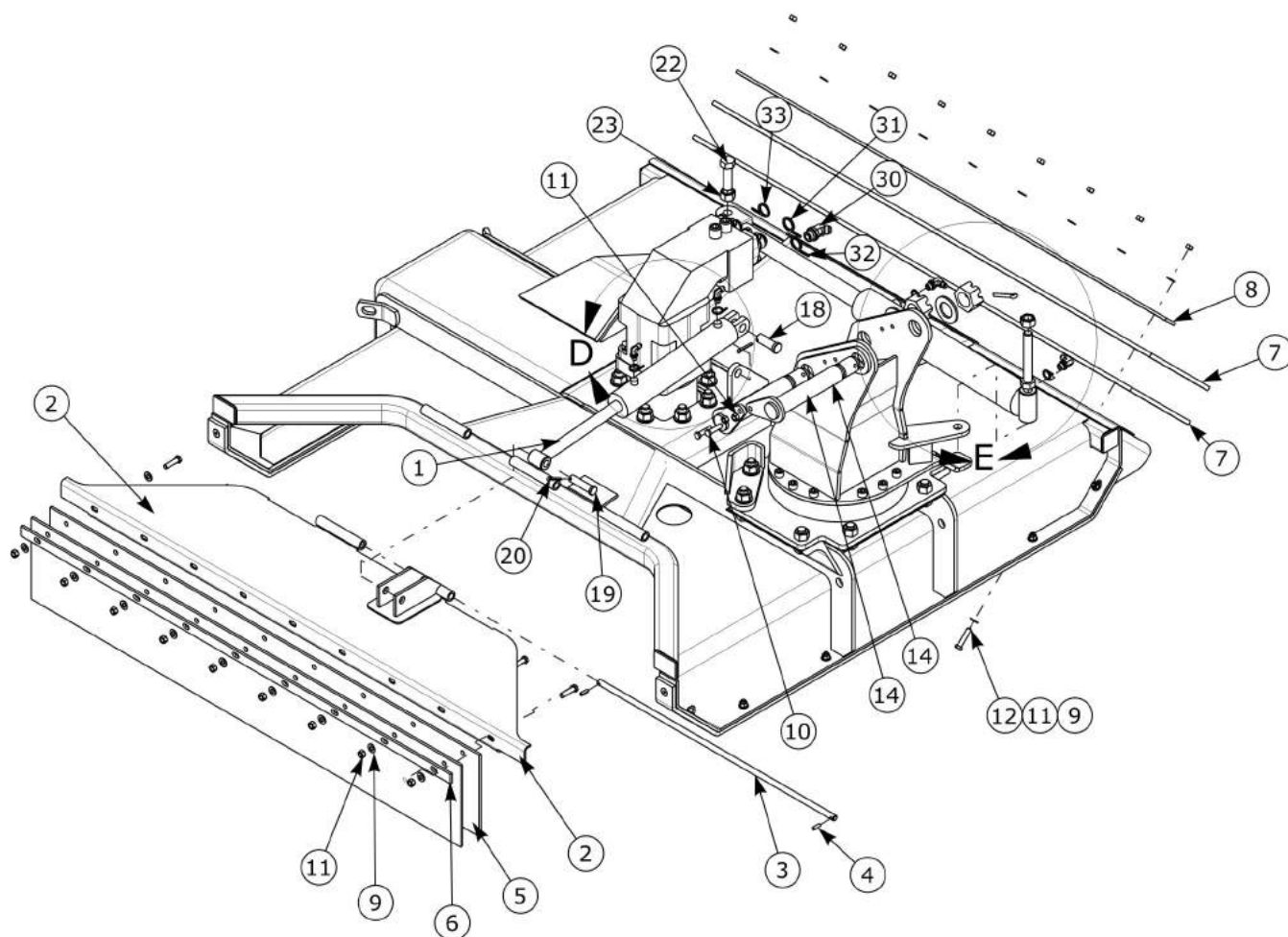


50 IN ROTARY - BLADE BAR - HEAD SUB-ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986704	1	ASY, 50" ROT, PISTON, BAR
1	00015800	18	LOCKNUT TLM 3/8 NC PLC
2	02891800	4	HHCS 1/2 NC 1-3/4 PL8
3	00019600	4	LOCKWASHER 1/2 HEAVY
4	02982907	2	SKID SHOE
5	02981411	1	WELDMENT, DECK 50" HEAD
6	02961038	1	GASKET
7	02982906	1	ASY, BLADE BAR W/BLADES
8	02964861	4	SHCS 3/4 NC 4" LG PL8
9	15B600	14	WASHER 3/8 SAE P
10	00003901	4	LOCKWASHER 3/4 HEAVY
11	00059700	14	FSCS 3/8 NC X 1-1/4
12	02968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
13	03200269	8	HHCS 3/4 NC 3 PL8
14	02892100	8	HHCS 3/4 NC X 1 3/4" LG
15	00037200	16	NUT 3/4 NC LOCKNUT
16	5312316	16	FLATWASHER 3/4 HARDENED
17	02986200	1	WELDMENT, HITCH POST
18	02979881	1	MOTOR PISTON 4.91 CID
19	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
20	02968894	1	PLASTIC TIE, RED, 11LG
21	02968896	1	PLASTIC TIE, ORANGE, 11LG
22	02980236	8	HHCS 7/16 NC X 4 1/2"LG PL5
23	00022200	8	LOCKWASHER 7/16 PL
24	02968895	1	PLASTIC TIE, BLUE, 11LG
25	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG

50 IN ROTARY - BLADE BAR - HEAD ASY (SWIVEL MNT)

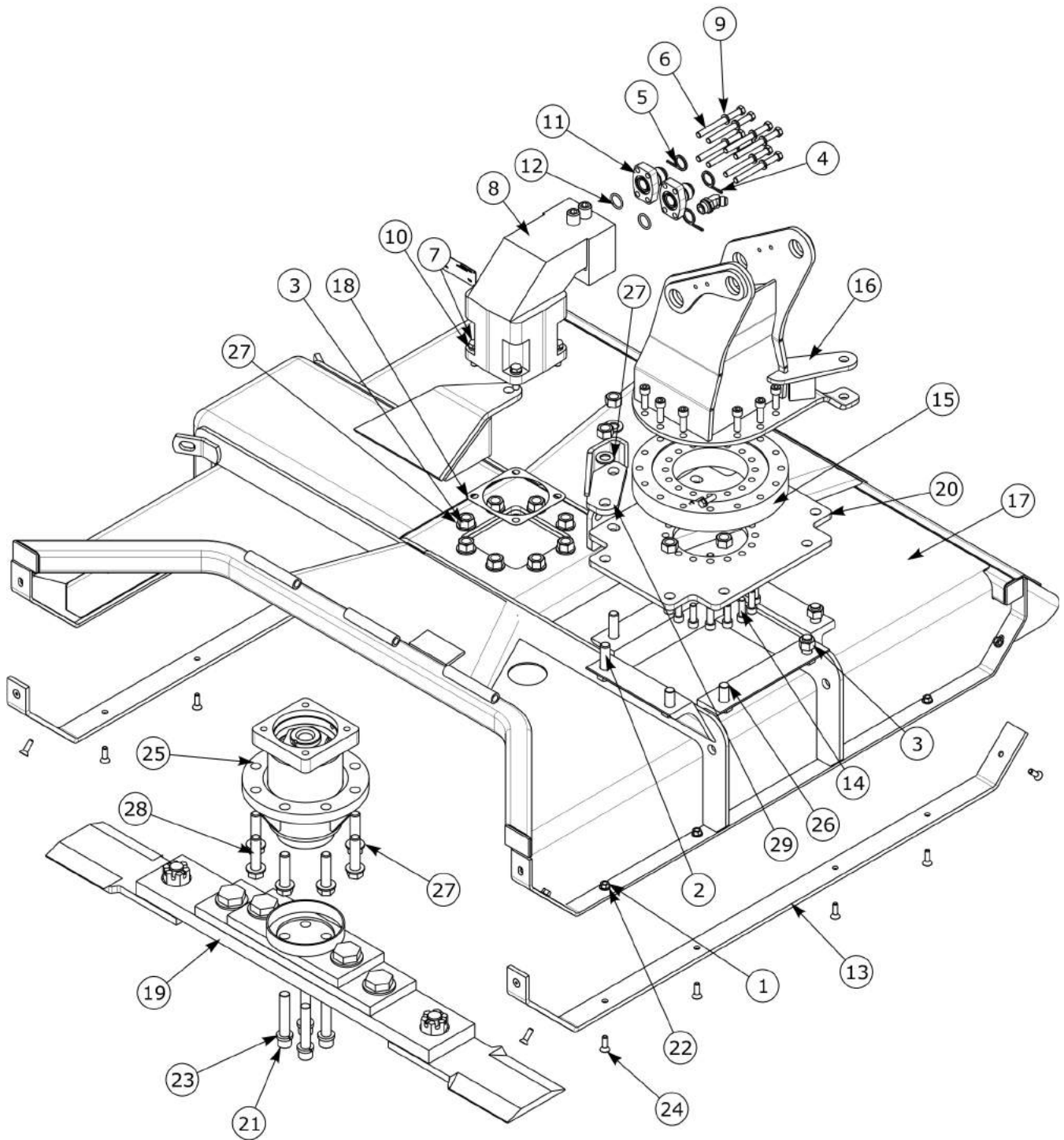


50 IN ROTARY - BLADE BAR - HEAD ASY (SWIVEL MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986197	1	ASY, 50" ROT, PISTON, BAR, SW
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
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 1/4 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER 3/8 STD
10	00023100	11	HHCS 3/8 X 1-1/2 NC PL GR5
11	00015800	20	LOCKNUT TLM 3/8 NC PLC
12	00007000	9	HHCS 3/8 NC 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 PL NARROW
16	02971701	2	NUT, SLOTTED 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 - MACHINED HEAD
20	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
21	03200267	1	HHCS 3/4 NC 5 PL8
22	02963646	3	HHCS 3/4 NC 2-1/2 PL8
23	00037200	18	NUT 3/4 NC LOCKNUT
24	02968837	1	PLASTIC TIE, YELLOW & WHITE
25	02968836	1	PLASTIC TIE, YELLOW
26	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
27	02968832	1	PLASTIC TIE, GREEN
28	02968833	1	PLASTIC TIE, GREEN & WHITE
29	03200762	2	ADP, HYD 6MB-4MJ 90
30	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG
31	02968894	1	PLASTIC TIE, RED, 11LG
32	02968895	1	PLASTIC TIE, BLUE, 11LG
33	02968896	1	PLASTIC TIE, ORANGE, 11LG

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

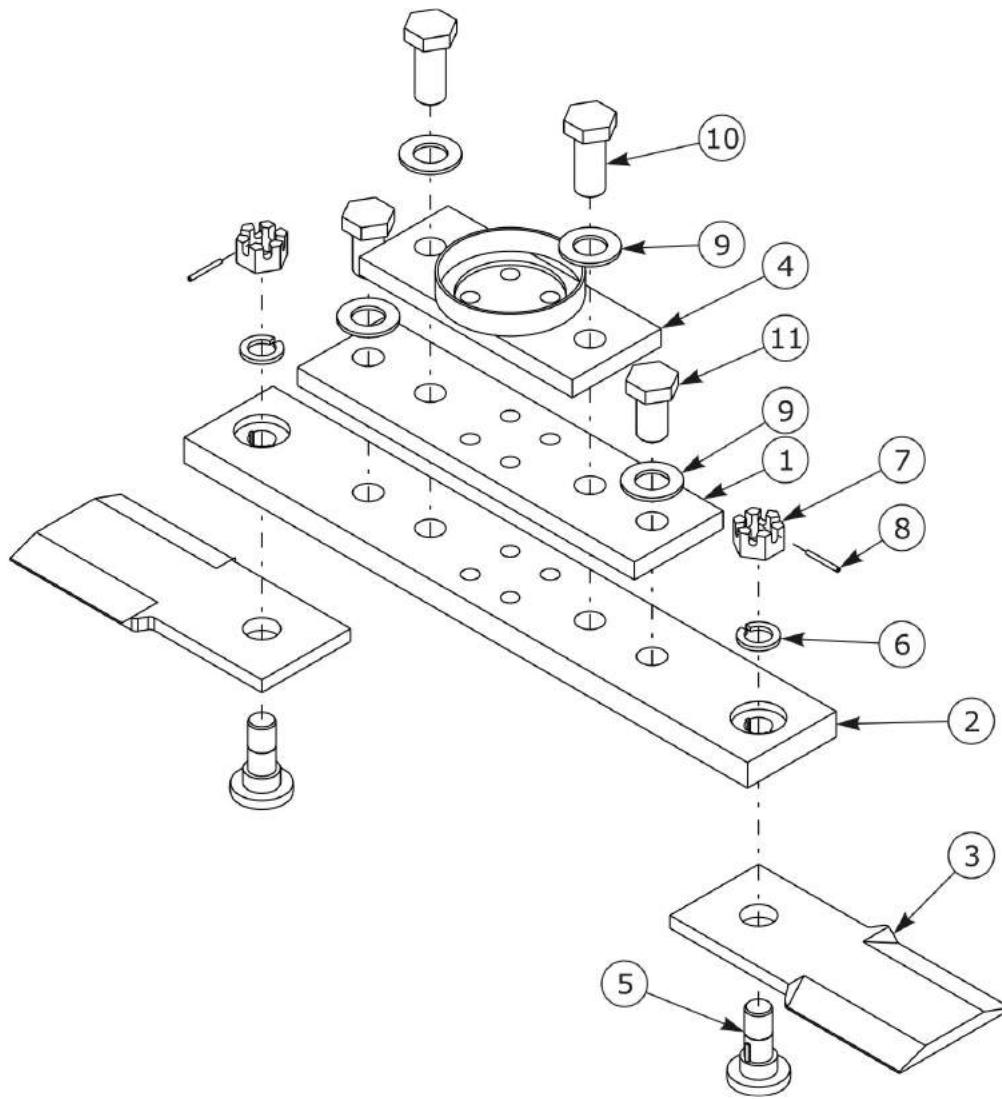


50 IN ROTARY - BLADE BAR - HEAD SUB-ASY (SWIVEL MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986197	1	ASY, 50" ROT, PISTON, BAR, SW
1	00015800	20	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	02968894	1	PLASTIC TIE, RED, 11LG
5	02968896	1	PLASTIC TIE, ORANGE, 11LG
6	02980236	8	HHCS 7/16 NC X 4 1/2" LG PL5
7	02891800	4	HHCS 1/2 NC 1-3/4 PL8
8	02979881	1	MOTOR PISTON 4.91 CID
9	00022200	8	LOCKWASHER 7/16 PL
10	00019600	4	LOCKWASHER 1/2 HEAVY
11	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
12	02980237	2	O-RING .139 DIA X 1.296 INSIDE
13	02982907	2	SKID SHOE
14	02981820	28	SHCS 1/2 NC X 1 1/2" LG PL8
15	02981318	1	SLEWING BEARING, 12 OD X 5.8 ID
16	02985319	1	WELDMENT, HITCH POST
17	02981411	1	WELDMENT, DECK 50" HEAD
18	02961038	1	GASKET
19	02982906	1	ASY, BLADE BAR W/BLADES
20	02981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
21	02964861	4	SHCS 3/4 NC 4" LG PL8
22	15B600	14	WASHER 3/8 SAE P
23	00003901	4	LOCKWASHER 3/4 HEAVY
24	00059700	14	FSCS 3/8 NC X 1-1/4
25	02968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
26	02892100	6	HHCS 3/4 NC X 1 3/4" LG
27	5312316	18	FLATWASHER 3/4 HARDENED
28	03200269	8	HHCS 3/4 NC 3 PL8
29	02984002	1	WLDMNT, STOP, SWIVEL

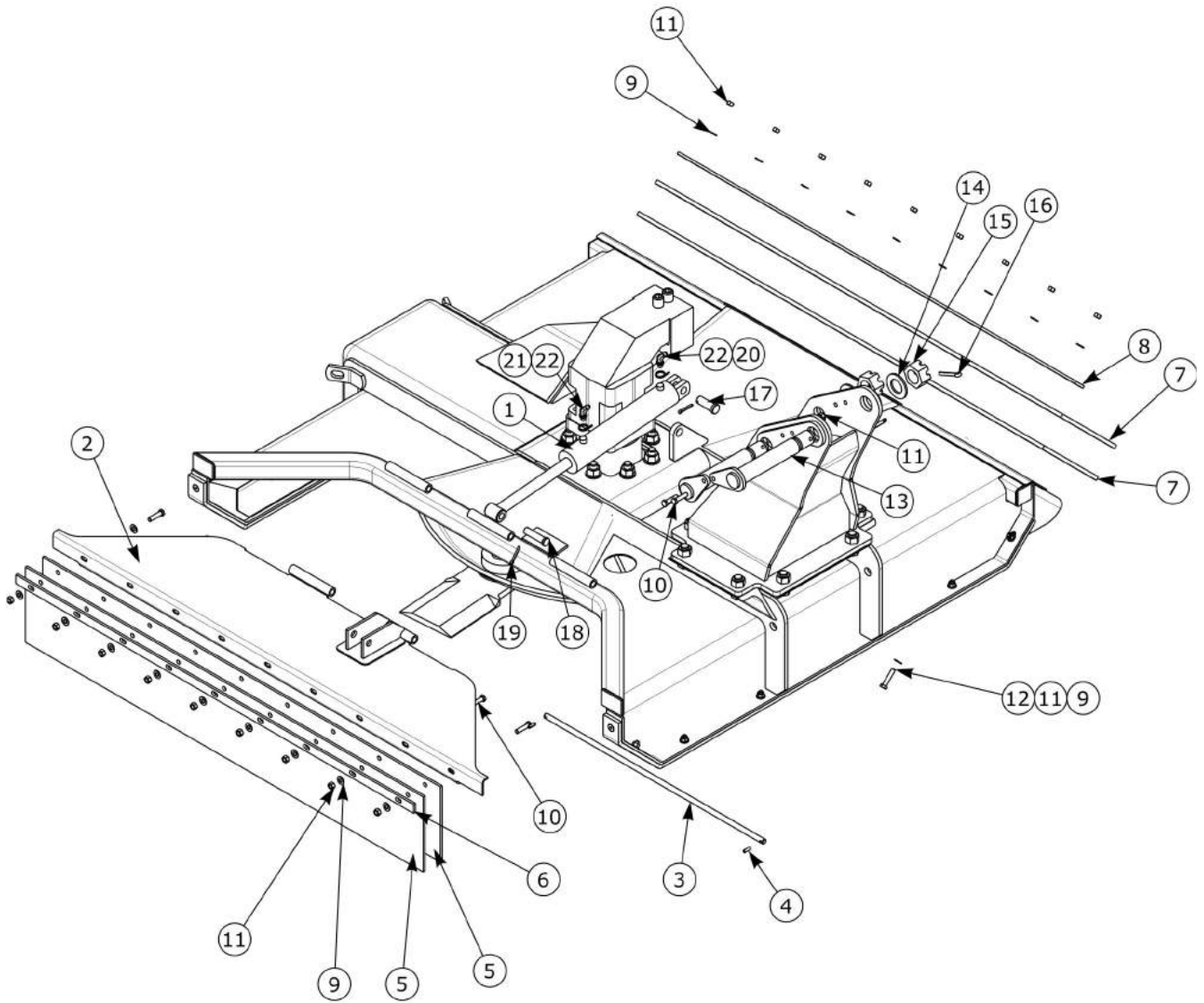
50 IN ROTARY - BLADE BAR ASY



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

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50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)

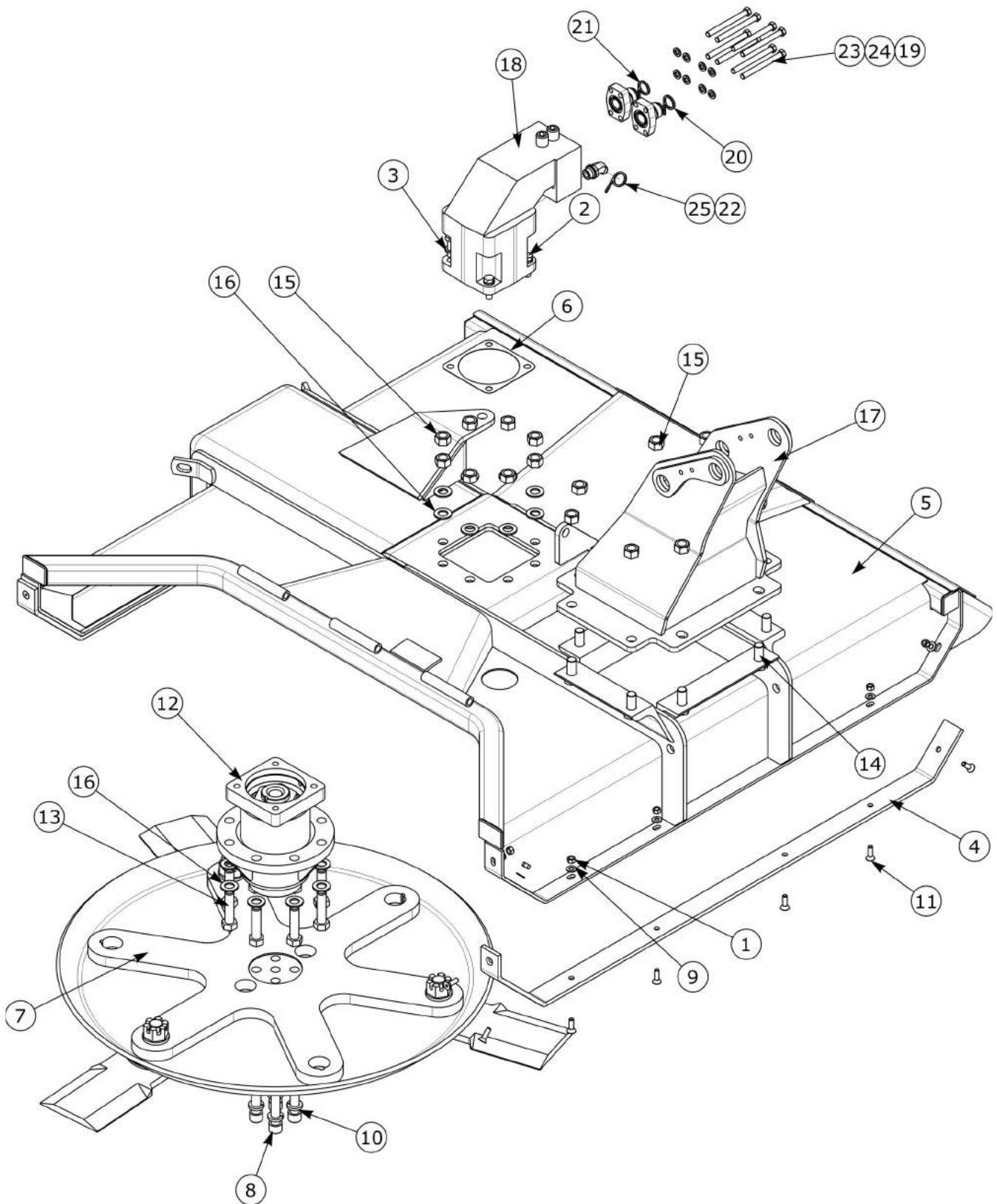


50 IN ROTARY - BLADE PAN - HEAD ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986703	1	ASY, 50" ROT, PISTON, PAN
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
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 1/4 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER 3/8 STD
10	00023100	11	HHCS 3/8 X 1-1/2 NC PL GR5
11	00015800	34	LOCKNUT TLM 3/8 NC PLC
12	00007000	9	HHCS 3/8 NC 1-3/4 PL5
13	02981757	2	WELDMENT, PIN, HITCH POST
14	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
15	02971701	2	NUT, SLOTTED 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 - MACHINED HEAD
19	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
20	02968837	1	PLASTIC TIE, YELLOW & WHITE
21	02968836	1	PLASTIC TIE, YELLOW
22	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90

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

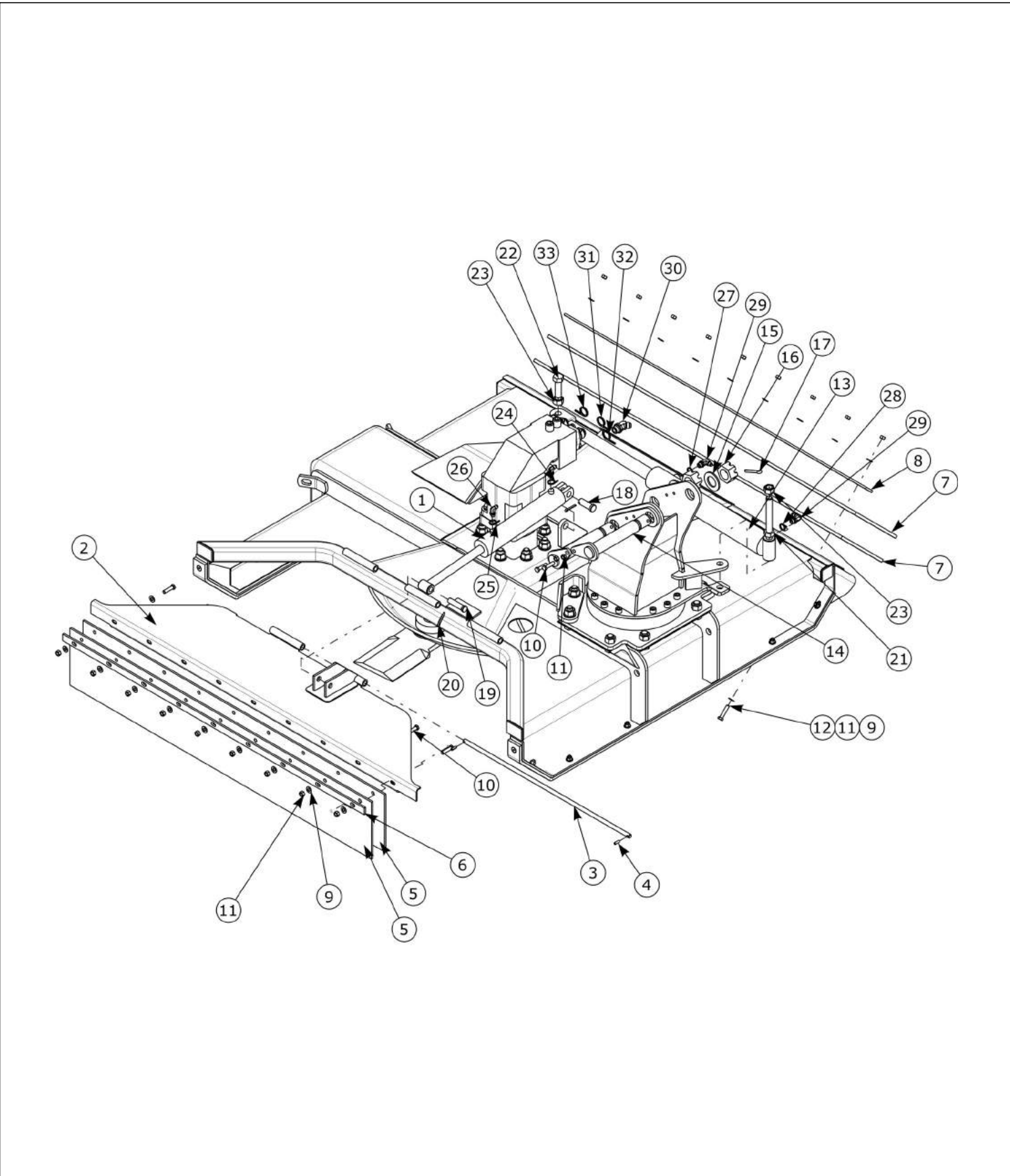


50 IN ROTARY - BLADE PAN - HEAD SUB-ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986703	1	ASY, 50" ROT, PISTON, PAN
1	00015800	34	LOCKNUT TLM 3/8 NC PLC
2	02891800	4	HHCS 1/2 NC 1-3/4 PL8
3	00019600	4	LOCKWASHER 1/2 HEAVY
4	02982907	2	SKID SHOE
5	02981411	1	WELDMENT, DECK 50" HEAD
6	02961038	1	GASKET
7	02964804	1	PAN ASSY 50" HEAD
8	02964861	4	SHCS 3/4 NC 4" LG PL8
9	15B600	14	WASHER 3/8 SAE P
10	00003901	4	LOCKWASHER 3/4 HEAVY
11	00059700	14	FSCS 3/8 NC X 1-1/4
12	02968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
13	03200269	8	HHCS 3/4 NC 3 PL8
14	02892100	8	HHCS 3/4 NC X 1 3/4" LG
15	00037200	16	NUT 3/4 NC LOCKNUT
16	5312316	16	FLATWASHER 3/4 HARDENED
17	02986200	1	WELDMENT, HITCH POST
18	02979881	1	MOTOR PISTON 4.91 CID
19	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
20	02968894	1	PLASTIC TIE, RED, 11LG
21	02968896	1	PLASTIC TIE, ORANGE, 11LG
22	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG
23	02980236	8	HHCS 7/16 NC X 4 1/2"LG PL5
24	00022200	8	LOCKWASHER 7/16 PL
25	02968895	1	PLASTIC TIE, BLUE, 11LG

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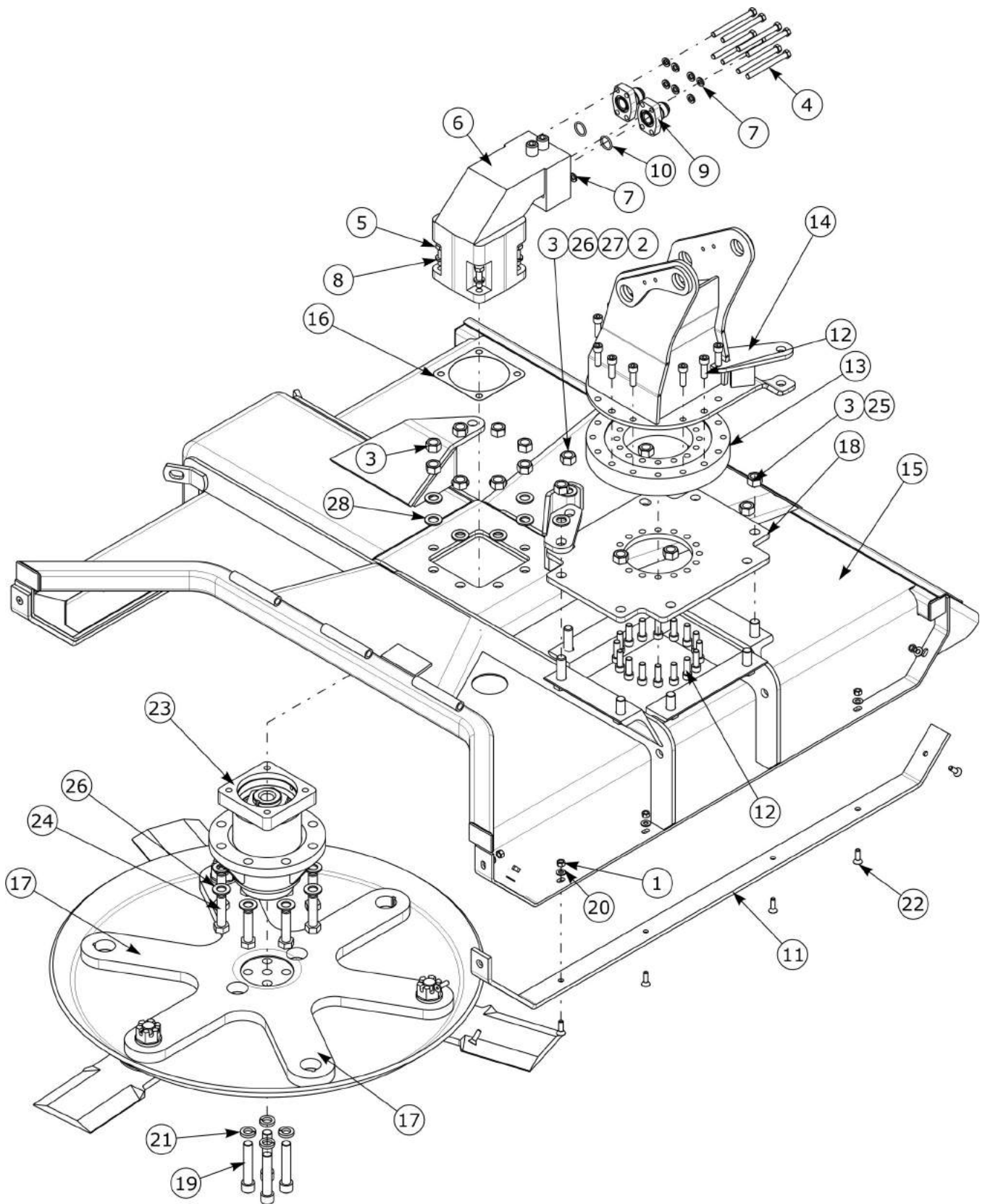


50 IN ROTARY - BLADE PAN - HEAD ASY (SWIVEL MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986198	1	ASY, 50" ROT, PISTON, PAN,SW
1	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
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 1/4 THK
6	02982918	1	BAR, HOLD DOWN, FLAP
7	02982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	02982921	1	BAR, CLAMP, REAR
9	00011100	36	FLATWASHER 3/8 STD
10	00023100	11	HHCS 3/8 X 1-1/2 NC PL GR5
11	00015800	34	LOCKNUT TLM 3/8 NC PLC
12	00007000	9	HHCS 3/8 NC 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 PL NARROW
16	02971701	2	NUT, SLOTTED 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 - MACHINED HEAD
20	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
21	03200267	1	HHCS 3/4 NC 5 PL8
22	02963646	3	HHCS 3/4 NC 2-1/2 PL8
23	00037200	18	NUT 3/4 NC LOCKNUT
24	02968837	1	PLASTIC TIE, YELLOW & WHITE
25	02968836	1	PLASTIC TIE, YELLOW
26	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
27	02968832	1	PLASTIC TIE, GREEN
28	02968833	1	PLASTIC TIE, GREEN & WHITE
29	03200762	2	ADP, HYD 6MB-4MJ 90
30	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG
31	02968894	1	PLASTIC TIE, RED, 11LG
32	02968895	1	PLASTIC TIE, BLUE, 11LG
33	02968896	1	PLASTIC TIE, ORANGE, 11LG

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

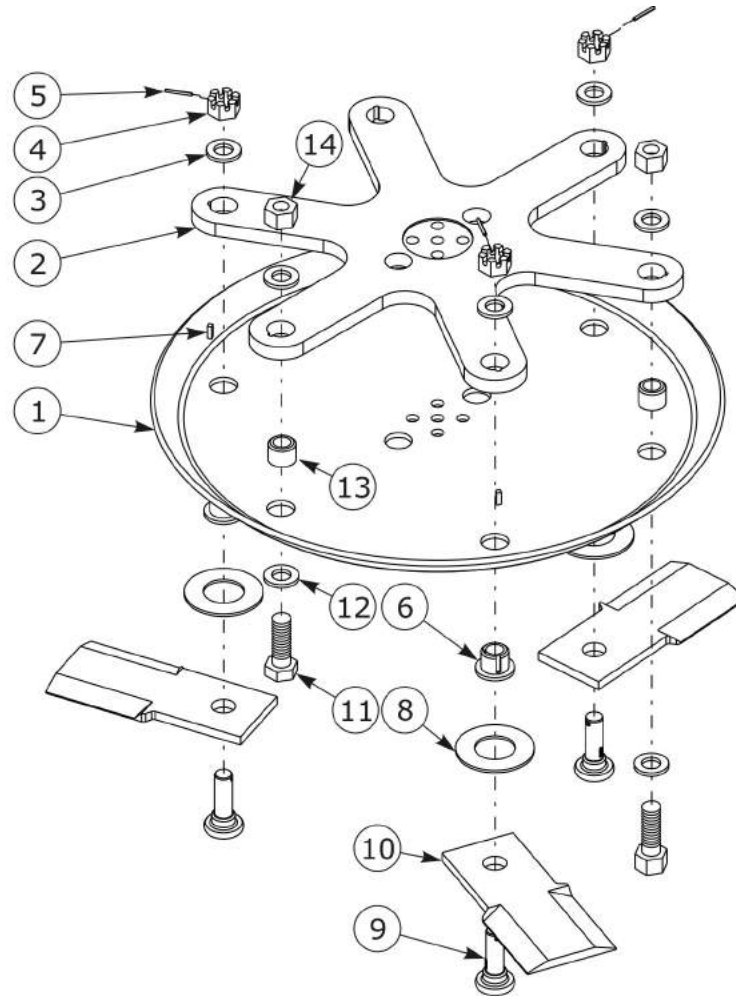


50 IN ROTARY - BLADE PAN - HEAD SUB-ASY (SWIVEL MNT)

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	02961038	1	GASKET
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	02892100	6	HHCS 3/4 NC X 1 3/4" LG
26	5312316	18	FLATWASHER 3/4 HARDENED
27	02984002	1	WLDMNT, STOP, SWIVEL

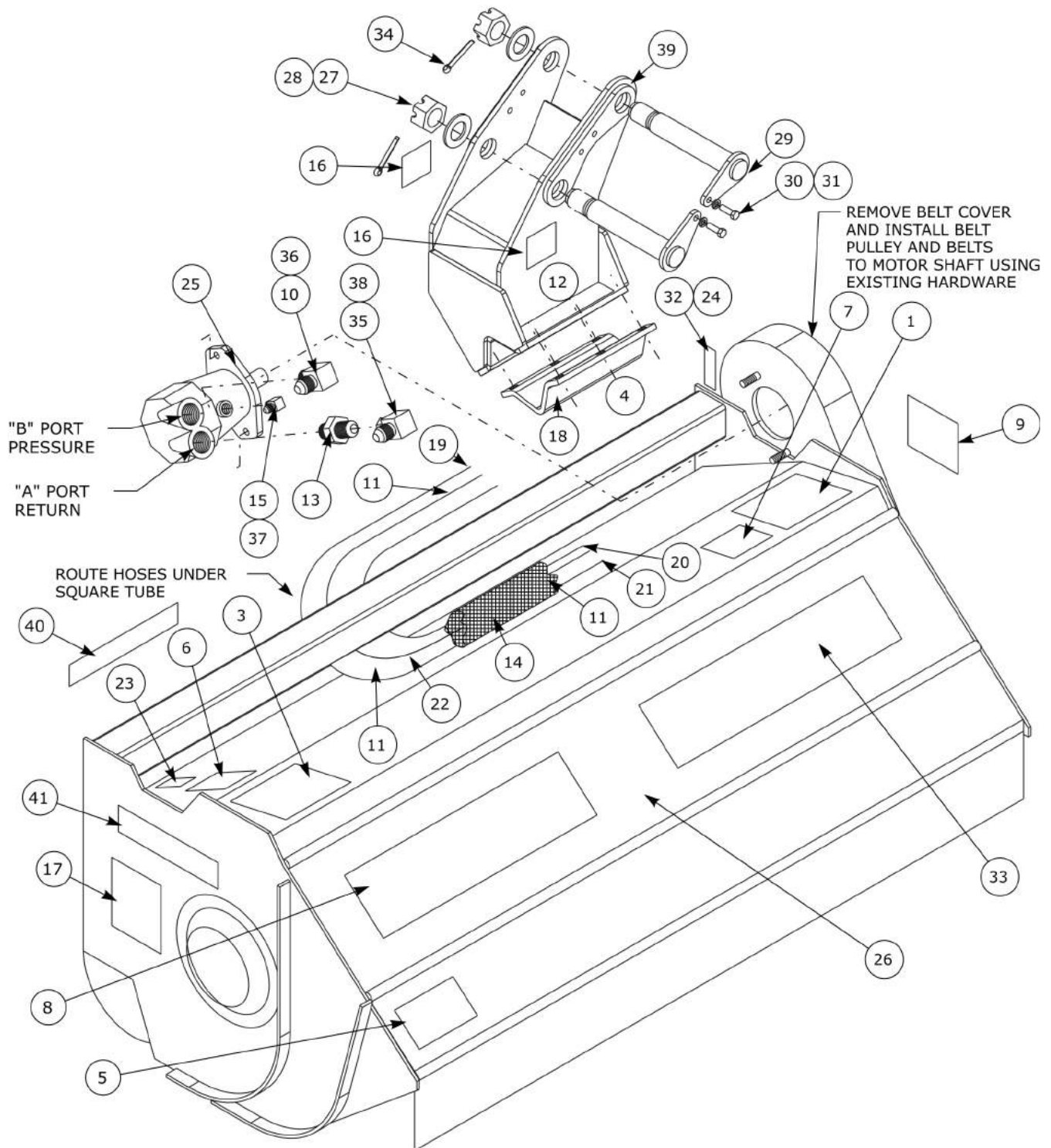
50 IN ROTARY - BLADE PAN ASY



ITEM	PART NO.	QTY.	DESCRIPTION
	02964804	1	PAN ASSY
1	02964826	1	PAN,MACHINED 28.00 BC
2	02964828	1	SPIDER, MACHNED 28.00 BC
3	00755623	3	WASHER 2.200 OD1.218 1DX.250
4	00020900	3	NUT SLOT HVY 1-1/8 NF PL5
5	00023200	3	PIN ROLL 3/16X1-3/4
6	02964815	4	BUSHING, BLADE BOLT
7	02964954	3	KEY,5/16 SQ X 15/16 LONG
8	02965229	3	WASHER, 2-19/32 ID 5.0 OD 3/16
9	02964330	3	KEYED BLADE BOLT
10	02962722	1	BLADES-SET OF 3(50B/A HEAD)
11	7A16824	3	HHCS 1 NC 3 PL5
12	00748547	6	FLATWASHER 1-1/32 X
13	02964162	3	SPACER BLADE PAN WITH SPIDER
14	02030300	3	NUT TOPLOCK 1 NC PLB

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60 IN GRASS FLAIL - HEAD ASY (SOLID MNT)



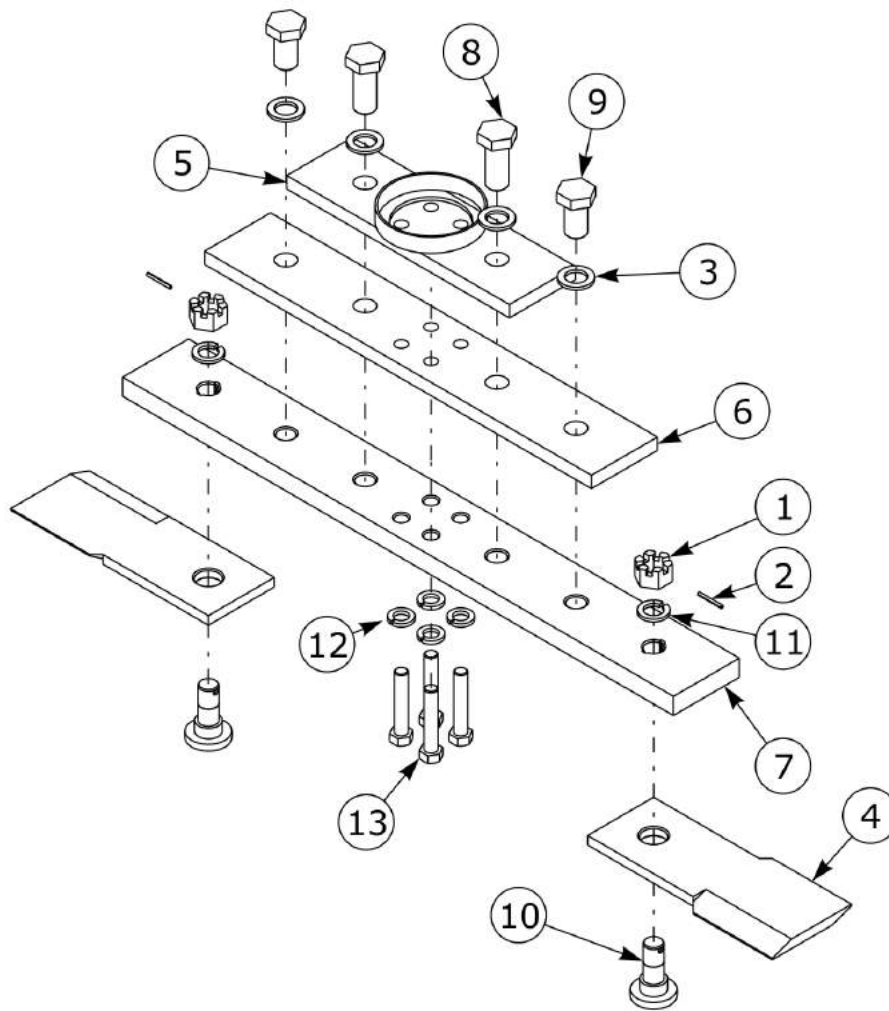
60 IN GRASS FLAIL - HEAD ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02988186	1	60 IN HD GRASS FLAIL
1	000108	1	DECAL, INSTRUCT - FLAIL OPERATE
3	002369	1	DECAL, DANGER - MULTI-HAZZARD
4	00695100	6	LOCKNUT 5/8NC PLB
5	00725739	1	DECAL, WARNING - SHIELDS/GUARDS
6	00725746	1	DECAL, PELIGRO - SPANISH TRNSLT
7	00756059	1	DECAL, DANGER -OIL LEAK
8	00757139	1	DECAL, LOGO - ALAMO TK PRODUCT
9	00758194	1	DECAL, WARNING - PINCH POINT
10	02090900	1	ADP HYD ELBOW 16MB -16MJ 90
11	02775500	3	PLASTIC TIE 21"LG
12	00008300	6	HEXB 5/8NC 1 3/4"LG PL5
13	02957622	1	ADP HYD STGHT 16MB -16MJ
14	02969850	1	CORDURA SLEEVING 100"LG
15	02962213	1	ADP HYD ELBOW 8MB - 8MJ 90
16	02962764	2	DECAL, DANGER - PINCH POINTS
17	02967668	1	DECAL, DANGER - THROWN OBJECTS
18	02968245	1	PLATE, CLAMP
19	02969464	1	ADP HYD STGHT 16FJ - 8MJ
20	02969813	1	HOSE #16-16FJX-16FJX-108LG RED
21	02972423	1	HOSE # 8- 8FJX- 8FJX-112LG BLU
22	02969814	1	HOSE #16-16FJX-16FJX-108LG ORG
23	03200432	1	DECAL, INSTRUCT - FLAIL PARTS
24	3710151	4	METAL TACK
25	8301295	1	MOTOR, PISTON - 2.48 CID
26	90.162.12	1	PRE-ASY, FLAILHEAD 1500(P) XT
27	02971701	2	NUT, 1-3/8NF SLOTTED PLB
28	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
29	02981757	2	WELDMENT, PIN, HITCH POST
30	00012101	2	LOCKWASHER 3/8 PL HVY
31	02972949	2	BOLT 3/8 NC GR8 X 1-1/4
32	02972391	1	PLATE S/N 60" MACHETE GRASS
33	02968953	1	DECAL, LOGO - MACHETE
34	165020	2	PIN, COTTER - 5/16 X 2-1/2
35	02956851	1	ADP HYD ELBOW 16MJ -16FJX 90
36	02968894	1	PLASTIC TIE - 11"LG RED
37	02968895	1	PLASTIC TIE - 11"LG BLUE
38	02968896	1	PLASTIC TIE - 11"LG ORANGE
39	02988187	1	WLDMT, HITCHPOST GRASSFAIL
40	1458392	1	RELFECTOR RED
41	1458393	1	REFLECTOR YELLOW

Machete 2 HF (11-08) Rev 06-11

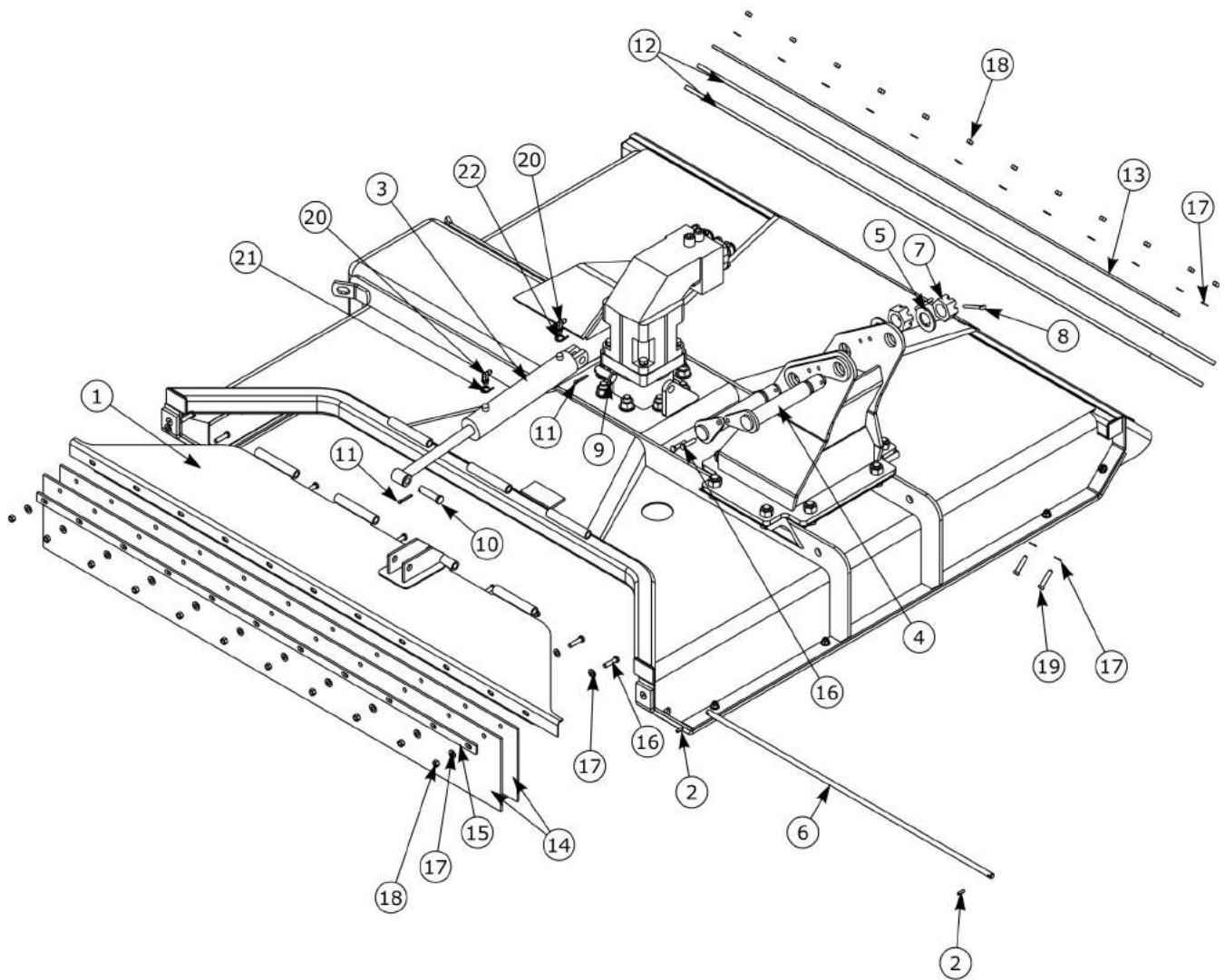
60 IN ROTARY - BLADE BAR ASY



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	02969234	4	FLATWASHER, 1-1/4" HARDENED PL
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)

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60 IN ROTARY - HEAD ASY (SOLID MNT)

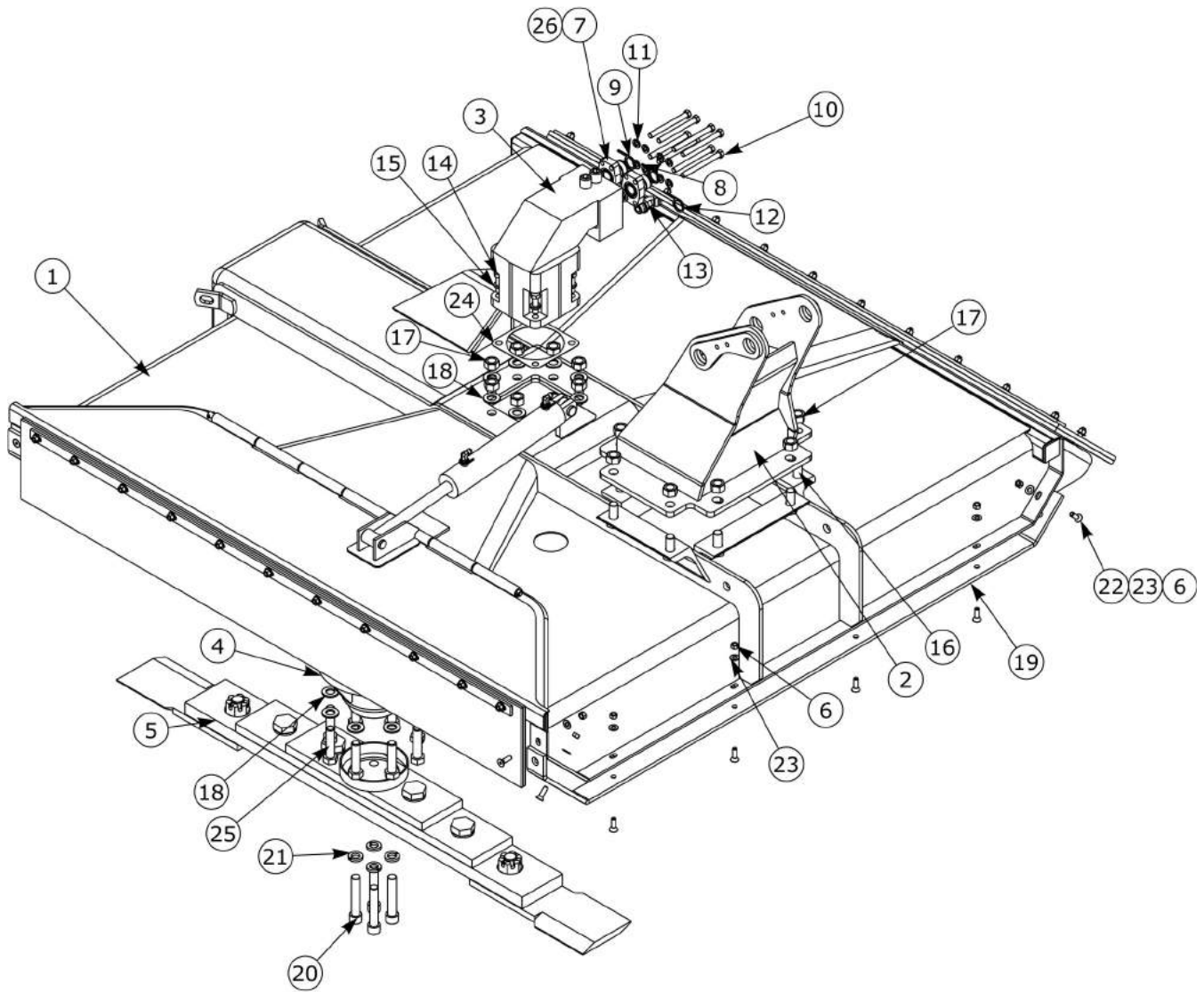


60 IN ROTARY - HEAD ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986205	1	ASY,60" ROT, PISTON, BAR
1	02971963	1	WELDMENT, DOOR
2	99338S	2	PIN ROLL 1/4 X 3/4
3	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
4	02981757	2	WELDMENT, PIN, HITCH POST
5	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
6	02967782	1	ROD-HINGE
7	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
8	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
9	651102	1	PIN - DRILLED
10	02976448	1	PIN - MACHINED HEAD
11	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
12	02885700	2	REAR FLAP 10 X 63 X 3/8 THK
13	02885800	1	REAR CLAMP BAR
14	00759862	2	DEBRIS DEFLECTOR
15	00756875	1	FLAP HOLD DOWN BAR
16	00023100	13	HHCS 3/8 X 1-1/2 NC PL GR5
17	00011100	46	FLATWASHER 3/8 STD
18	00015800	39	LOCKNUT TLM 3/8 NC PLC
19	00007000	12	HHCS 3/8 NC 1-3/4 PL5
20	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
21	02968836	1	PLASTIC TIE, YELLOW
22	02968837	1	PLASTIC TIE, YELLOW & WHITE

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

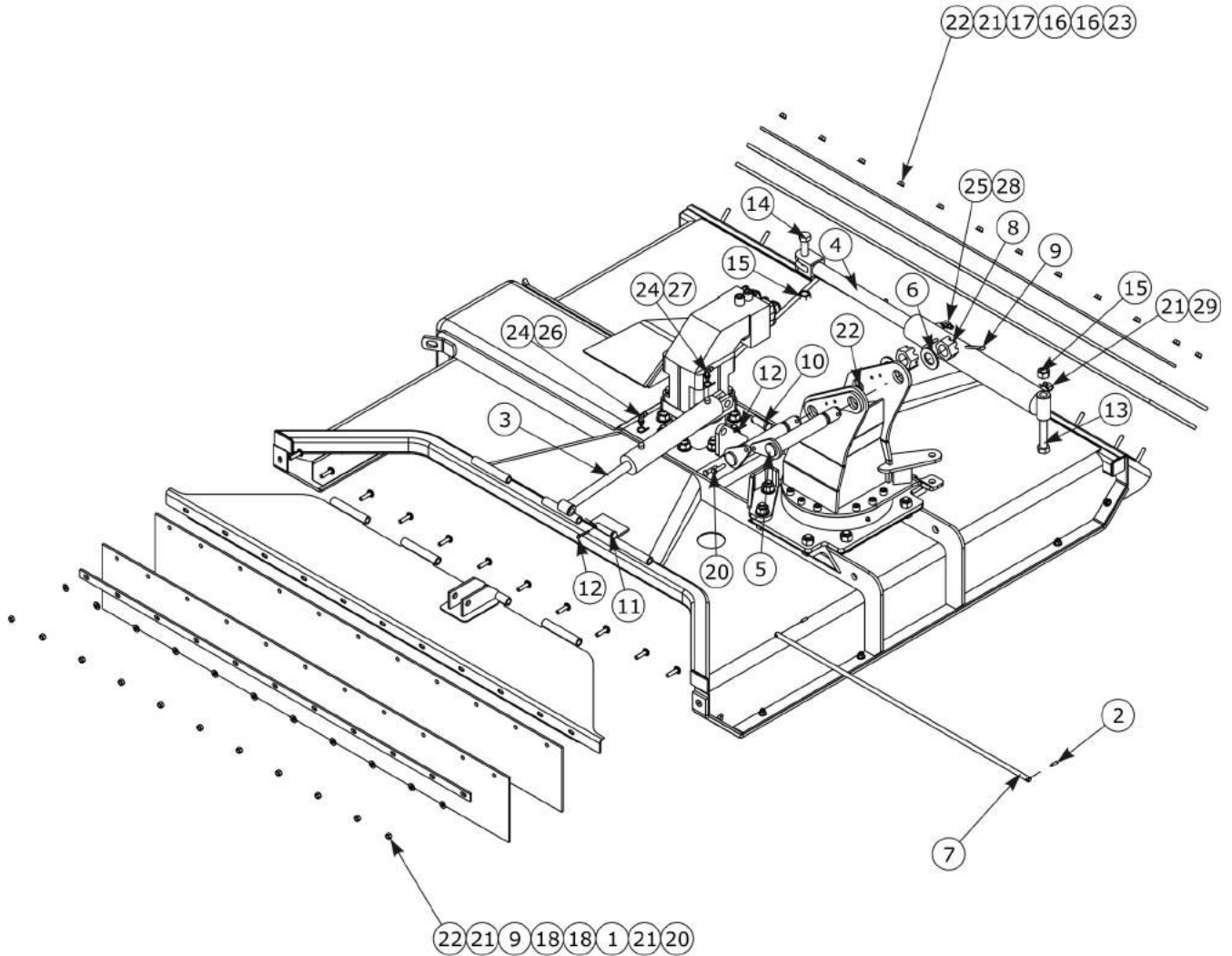


60 IN ROTARY - HEAD SUB-ASY (SOLID MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986205	1	ASY,60" ROT, PISTON, BAR
1	02981410	1	WELDMENT,60" ROTARY,SWIVEL
2	02986200	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	00015800	39	LOCKNUT TLM 3/8 NC PLC
7	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
8	02968894	1	PLASTIC TIE, RED, 11LG
9	02968896	1	PLASTIC TIE, ORANGE, 11LG
10	02980236	8	HHCS 7/16 NC X 4 1/2"LG PL5
11	00022200	8	LOCKWASHER 7/16 PL
12	02968895	1	PLASTIC TIE, BLUE, 11LG
13	02972817	1	ADP HYD ELBOW 10MB - 8MJ 45 DEG
14	02891800	4	HHCS 1/2 NC 1-3/4 PL8
15	00019600	4	LOCKWASHER 1/2 HEAVY
16	02892100	8	HHCS 3/4 NC X 1 3/4" LG
17	00037200	16	NUT 3/4 NC LOCKNUT
18	5312316	16	FLATWASHER 3/4 HARDENED
19	02966899	2	SKID SHOE
20	02964861	4	SHCS 3/4 NC 4" LG PL8
21	00003901	4	LOCKWASHER 3/4 HEAVY
22	00059700	14	FSCS 3/8 NC X 1-1/4
23	15B600	14	WASHER 3/8 SAE P
24	02961038	1	GASKET
25	03200269	8	HHCS 3/4 NC 3 PL8
26	02980237	2	O-RING .139 DIA X 1.296 INSIDE

60 IN ROTARY - HEAD ASY (SWIVEL MNT)

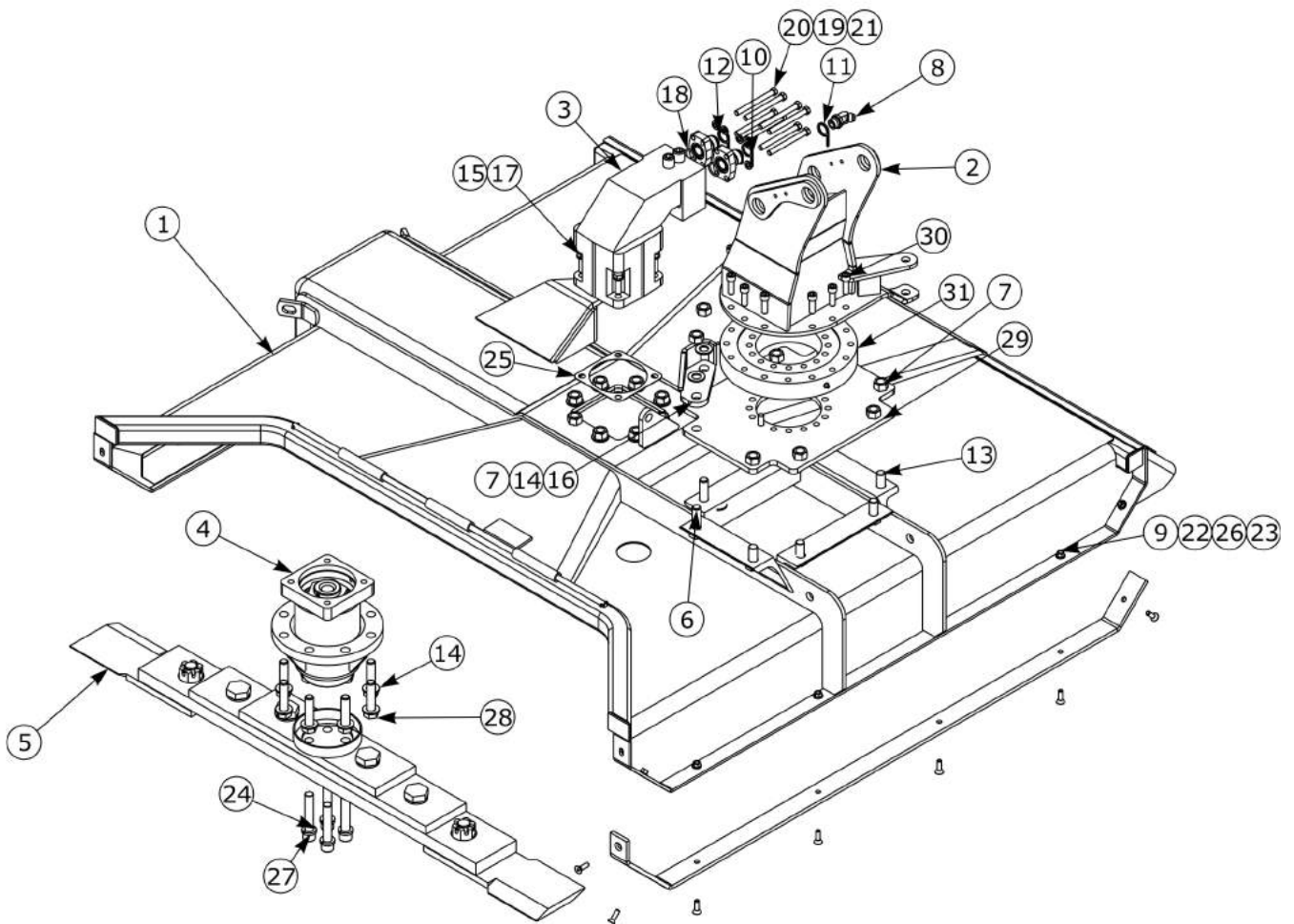


60 IN ROTARY - HEAD ASY (SWIVEL MNT)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986191	1	ASY, 60" ROT,PISTON,BAR,SWIVEL
1	02971963	1	WELDMENT, DOOR
2	99338S	2	PIN ROLL 1/4 X 3/4
3	02961480A	1	HYD CYLINDER 2BORE X 9-1/4 STROKE
4	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
5	02981757	2	WELDMENT, PIN, HITCH POST
6	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
7	02967782	1	ROD-HINGE
8	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
9	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
10	651102	1	PIN-DRILLED
11	02976448	1	PIN - MACHINED HEAD
12	00755153	2	PIN, COTTER 3/16 X 1-1/2 PL
13	03200267	1	HHCS 3/4 NC 5 PL8
14	02963646	3	HHCS 3/4 NC 2-1/2 PL8
15	00037200	18	NUT 3/4 NC LOCKNUT
16	02885700	2	REAR FLAP 10 X 63 X 3/8 THK
17	02885800	1	REAR CLAMP BAR
18	00759862	2	DEBRIS DEFLECTOR
19	00756875	1	FLAP HOLD DOWN BAR
20	00023100	13	HHCS 3/8 X 1-1/2 NC PL GR5
21	00011100	46	FLATWASHER 3/8 STD
22	00015800	32	LOCKNUT TLM 3/8 NC PLC
23	00007000	12	HHCS 3/8 NC 1-3/4 PL5
24	02960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
25	03200762	2	ADP, HYD 6MB-4MJ 90
26	02968836	1	PLASTIC TIE, YELLOW
27	02968837	1	PLASTIC TIE, YELLOW & WHITE
28	02968832	1	PLASTIC TIE, GREEN
29	02968833	1	PLASTIC TIE, GREEN & WHITE

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

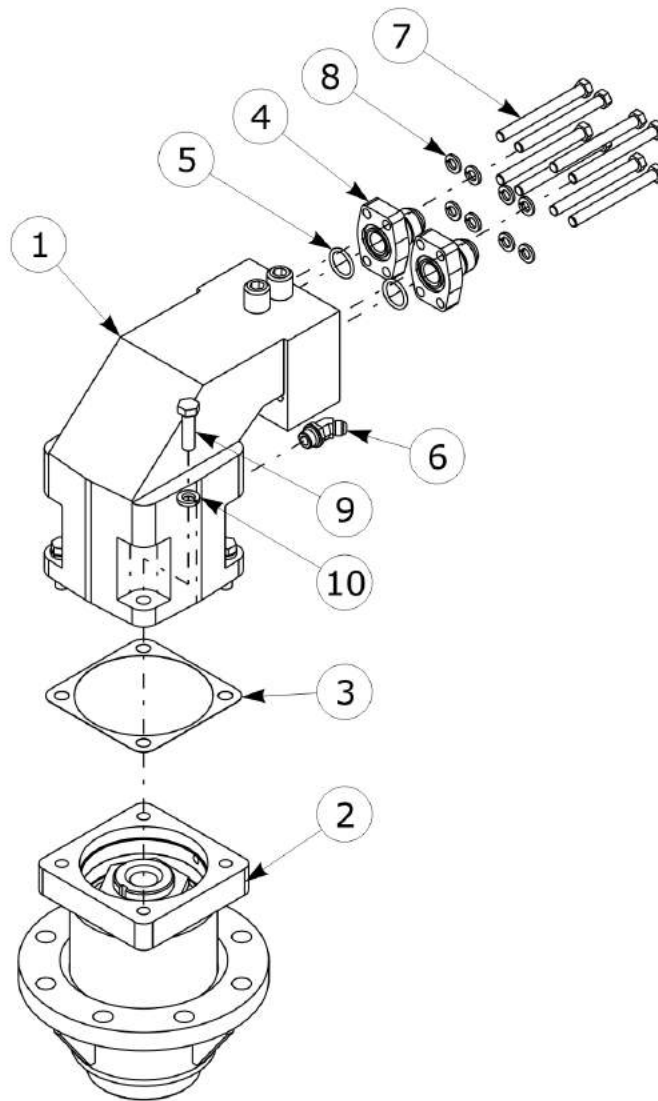


60 IN ROTARY - HEAD SUB-ASY (SWIVEL MNT)

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	PLASTIC TIE, RED, 11LG
11	02968895	1	PLASTIC TIE, BLUE, 11LG
12	02968896	1	PLASTIC TIE, ORANGE, 11LG
13	02892100	6	HHCS 3/4 NC X 1 3/4" LG
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	02961038	1	GASKET
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

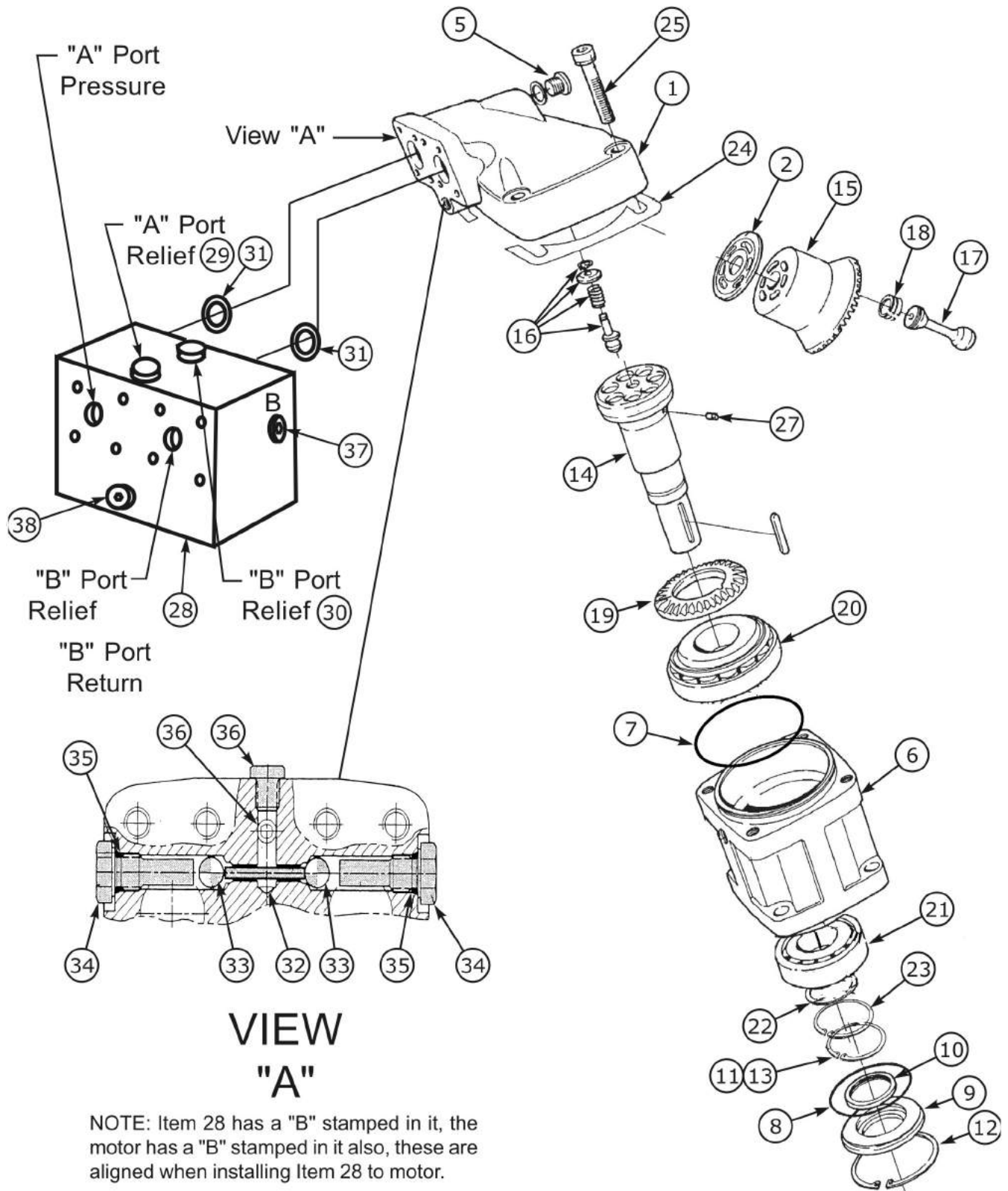
ROTARY - MOTOR AND SPINDLE ASY



ITEM	PART NO.	QTY.	DESCRIPTION
1	02979881	1	MOTOR ASY, PISTON TYPE 4.91 CID
2	02968859A	1	SPINDLE & HOUSING ASY, SPLINED
3	02961038	1	GASKET-SPINDLE/MOTOR
4	02981819	2	ADP HYD STGHT 16FLH-16MJ SPCL
5	02980237	2	O-RING
6	02972817	1	HYD ELBOW, 10MB - 8MJ45
7	02980236	8	BOLT
8	00022200	8	LOCKWASHER, STD 7/16" PL
9	02891800	4	BOLT, HEX HEAD 1/2"-NC X 1-3/4" PL GR8
10	00019600	4	LOCKWASHER, 1/2" HEAVY

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ROTARY - MOTOR ASY (PART 1)

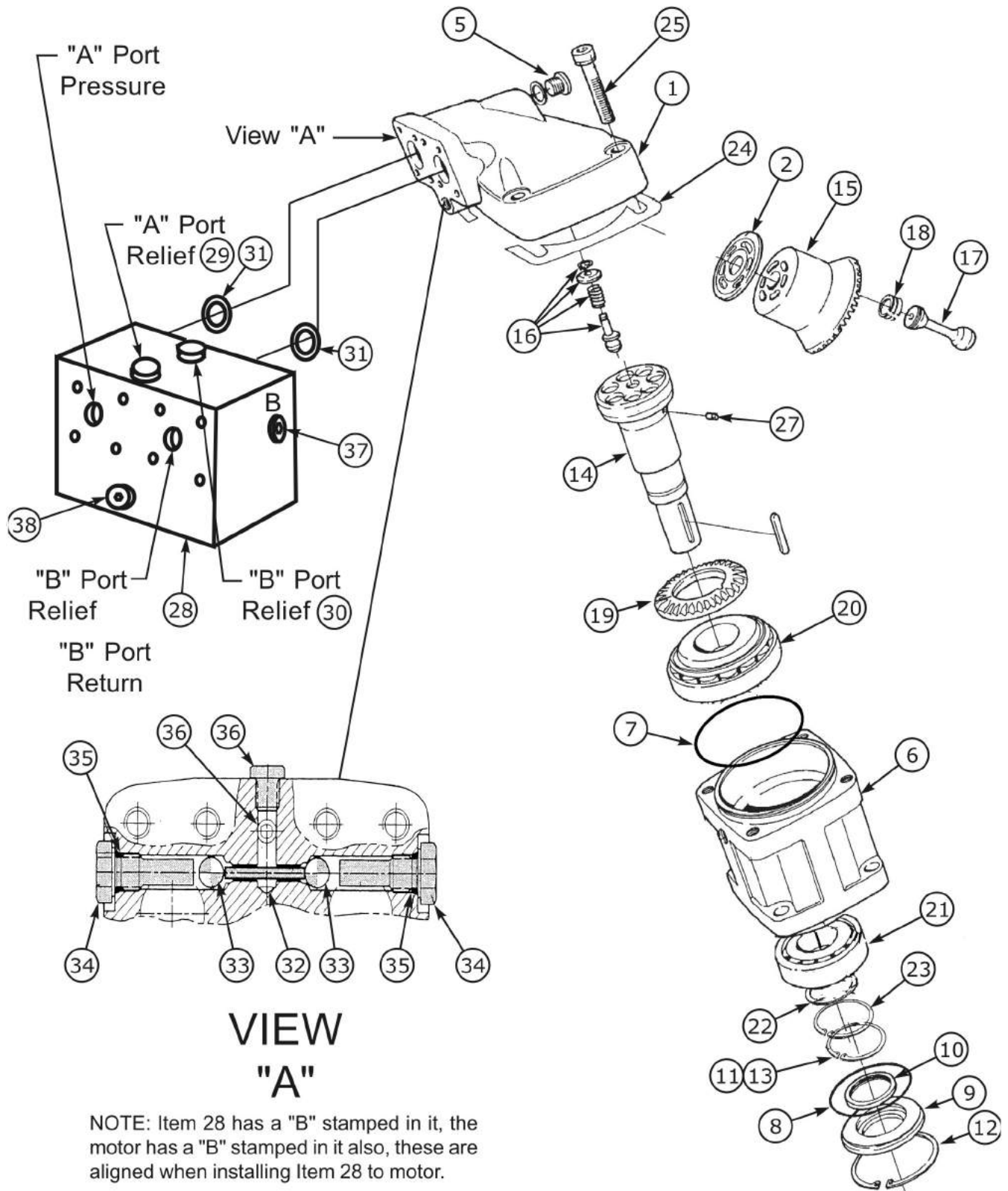


ROTARY - MOTOR ASY (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02979881	1	MOTOR ASY, PISTON TYPE 4.91 CID
1	02980529	1	BARREL HOUSING ASY
2	02980530	1	VALVE PLATE
4	02980536	1	NOZZLE PLUG 2.5MM
5	02980537	1	PLUG ASY, 7/8" HEXAGON
6	02980538	1	BEARING HOUSING
7	02980539	1	O-RING, 132 X 3
8	02980540	1	O-RING, 104.5 X 3
9	02980541	1	SEAL CARRIER
10	02980542	1	SHAFT SEAL
11	02980543	1	SPACER WASHER
12	02980544	1	RETAINING RING
13	02980545	1	RETAINING RING
14	02980546	1	SHAFT ASY, TYPE U
15	02980548	1	CYLINDER BARREL
16	02980549	1	BARREL SUPPORT
17	02980550	7	PISTON ASY
18	02980551	21	PISTON RING
19	02980552	1	RING GEAR
20	02980553	1	TAP ROL BEARING
21	02980554	1	BEARING, TAPERED ROLLER
22	02980555	1	SPACER WASHER
23	02980556	1	RETAINING RING
24	02980557	1	SHIM, 0.5
	02980558	1	SHIM, 0.2
	02980559	1	SHIM, 0.4
	02980560	1	SHIM, 0.6
	02980561	1	SHIM, 0.8
	02980562	1	SHIM, 1.0
	02980563	1	SHIM, 0.7
25	02980564	4	BOLT, SOCKET HEAD M12 X 50 10.9
26	02980565	1	LOCKWASHER, M13 X 19.5
27	02980547	1	GUIDE PIN
28	02980571	1	RELIEF MANIFOLD
	02980570	1	RELIEF VALVE, SEAL KIT
29	02980568	1	RELIEF VALVE, 280 BAR
30	02980569	1	RELIEF VALVE, 330 BAR
31	02980237	2	O-RING
32	02980531	1	KEY, FLAT
33	02980532	2	STEEL BALL
34	02980533	2	PLUG, HEXAGON

ROTARY - MOTOR ASY (PART 2)

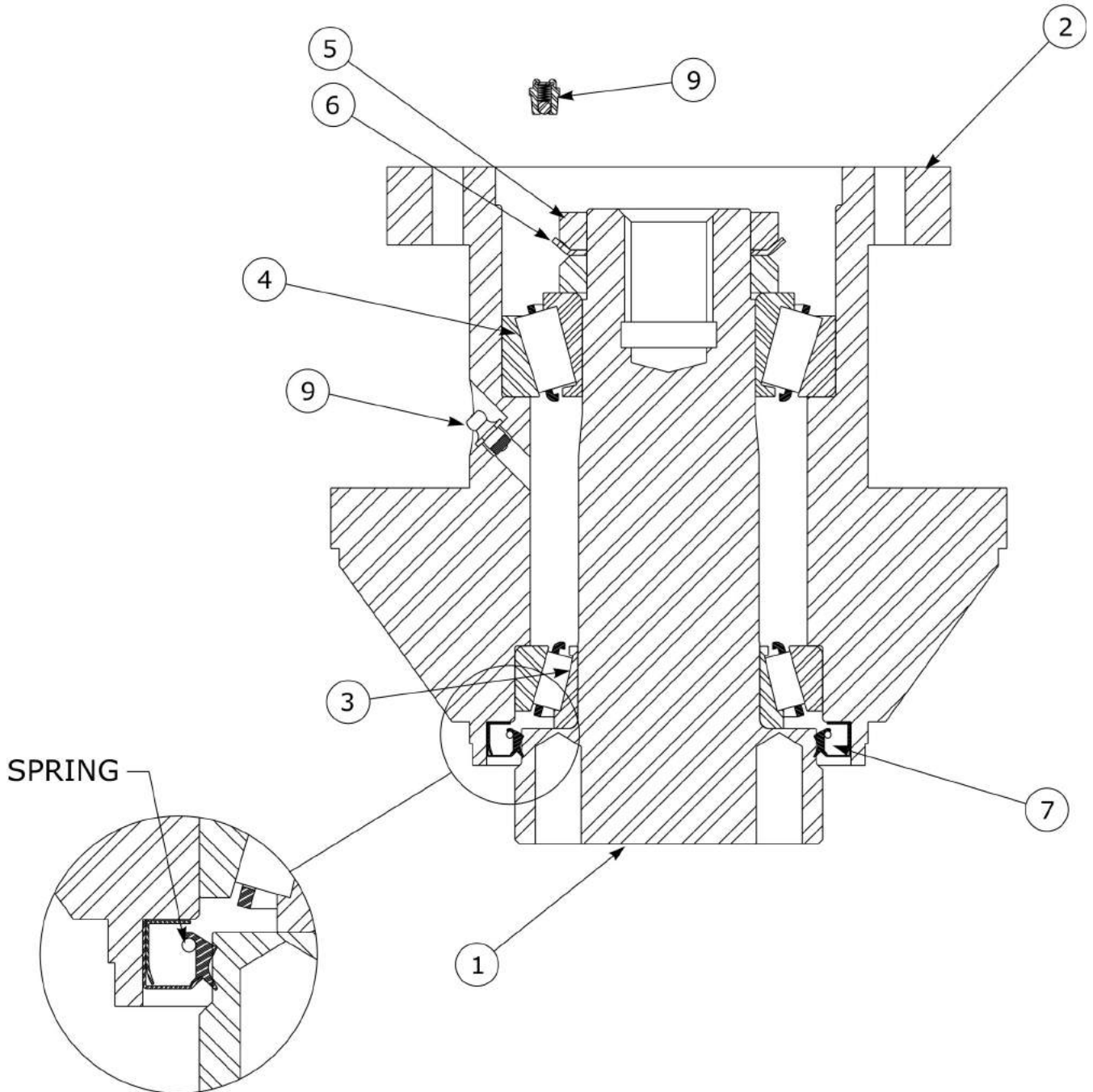


ROTARY - MOTOR ASY (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
35	02980534	2	O-RING
36	02980535	2	PLUG ASY, HEX SOCKET
37	02980572	2	PLUG ASY
38	02980573	1	PLUG ASY
39	02980566	1	REBUILD KIT
40	02980567	1	SEAL KIT, FOR 02979881 MTR

ROTARY - SPINDLE ASY

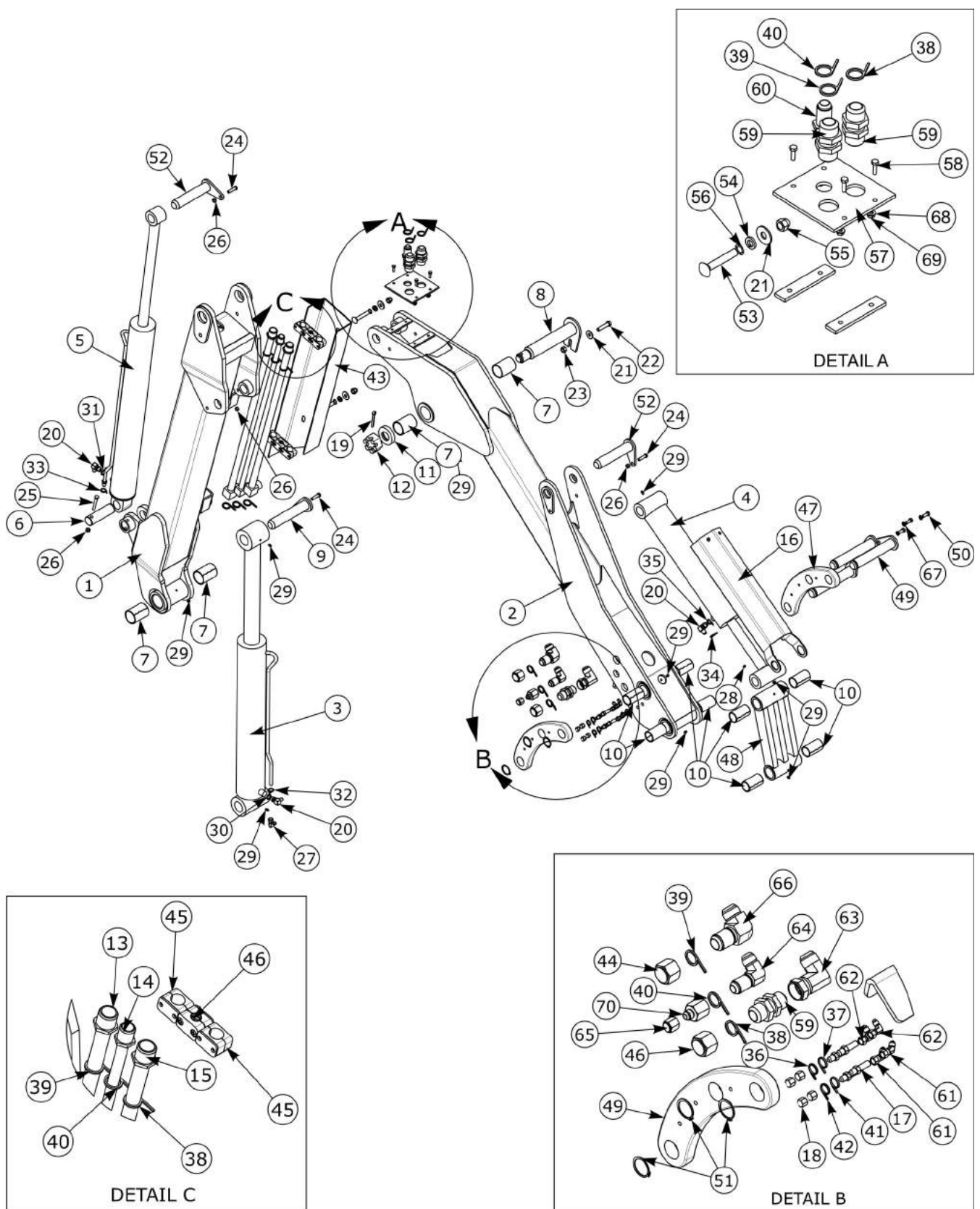


ROTARY - SPINDLE ASY

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

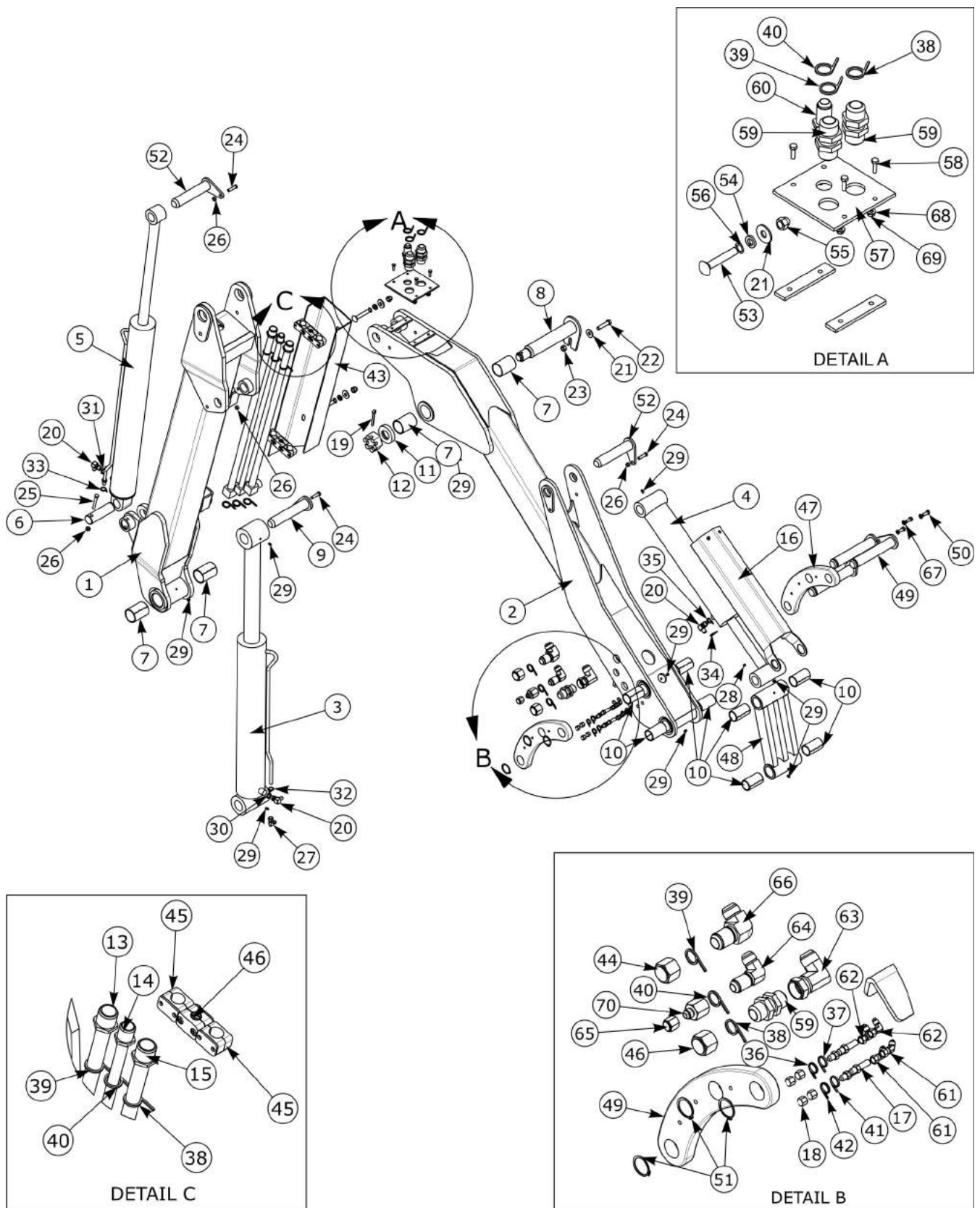
BOOM ASY - 18 FT BOOM (PART 1)



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

ITEM	PART NO.	QTY.	DESCRIPTION
	02986858	1	ASY, 18 BOOM, PISTON
1	02986896	1	WELDMENT, 18' LIFT
2	02983707	1	WELDMENT, DIPPER, 18'
3	02981279	1	CYLINDER, 4.0B X 2.25R X 24.63S
4	02984944	1	CYLINDER, 3.5B X 1.5R X 16.0S
5	02983320	1	CYL, 3.5B X 1.5R X 30.0S
6	02971751	1	PIN, 1-1/2 X 5-3/16 & 13/32 HOLE
7	02981294	1	WELDMENT, PIN, LIFT/ DIPPER
8	02982981	1	WELDMENT, CYLINDER PIN LONG, NEW BOOM
9	02981420	2	CONNEX BUSHING, 2 1/4 X 2 X 3
10	02981424	8	CONNEX BUSHING, 1 3/4 X 1 1/2 X 3
11	02981273	1	SPACER, PIN, DIPPER, MAVERICK
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 4MJ -4MJ BULKHEAD
18	02919600	4	CAP, HYD 4FJ
19	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
20	63149100	3	ADP, HYD ELBOW 6MB-6MJ 90
21	00002700	3	FLATWASHER, 1/2 PL STD
22	02975436	1	HHCS 1/2 NC X 2 1/4 PL8
23	00001800	1	LOCKNUT TLM 1/2 NC PLB
24	00023100	3	HHCS 3/8 X 1-1/2 NC PL GR5
25	02970595	1	HHCS 3/8 NC 2-3/4 PL8
26	00015800	4	LOCKNUT TLM 3/8 NC PLC
27	001921	1	ADAPTER 6MJ - 6FJX 90
28	000941	1	GREASE ZERK 1/4-28 90 BOLT THD
29	00752670	8	GREASE FITTING 1/4-28 BOLT THD
30	02968835	1	PLASTIC TIE, ORANGE & WHITE
31	02968831	1	PLASTIC TIE, BLUE & WHITE
32	02968834	1	PLASTIC TIE, ORANGE
33	02968830	1	PLASTIC TIE, BLUE
34	02968829	1	PLASTIC TIE, RED & WHITE
35	02968828	1	PLASTIC TIE, RED
36	02968837	1	PLASTIC TIE, YELLOW & WHITE
37	02968836	1	PLASTIC TIE, YELLOW
38	02968894	4	PLASTIC TIE, RED, 11LG
39	02968896	4	PLASTIC TIE, ORANGE, 11LG
40	02968895	4	PLASTIC TIE, BLUE, 11LG

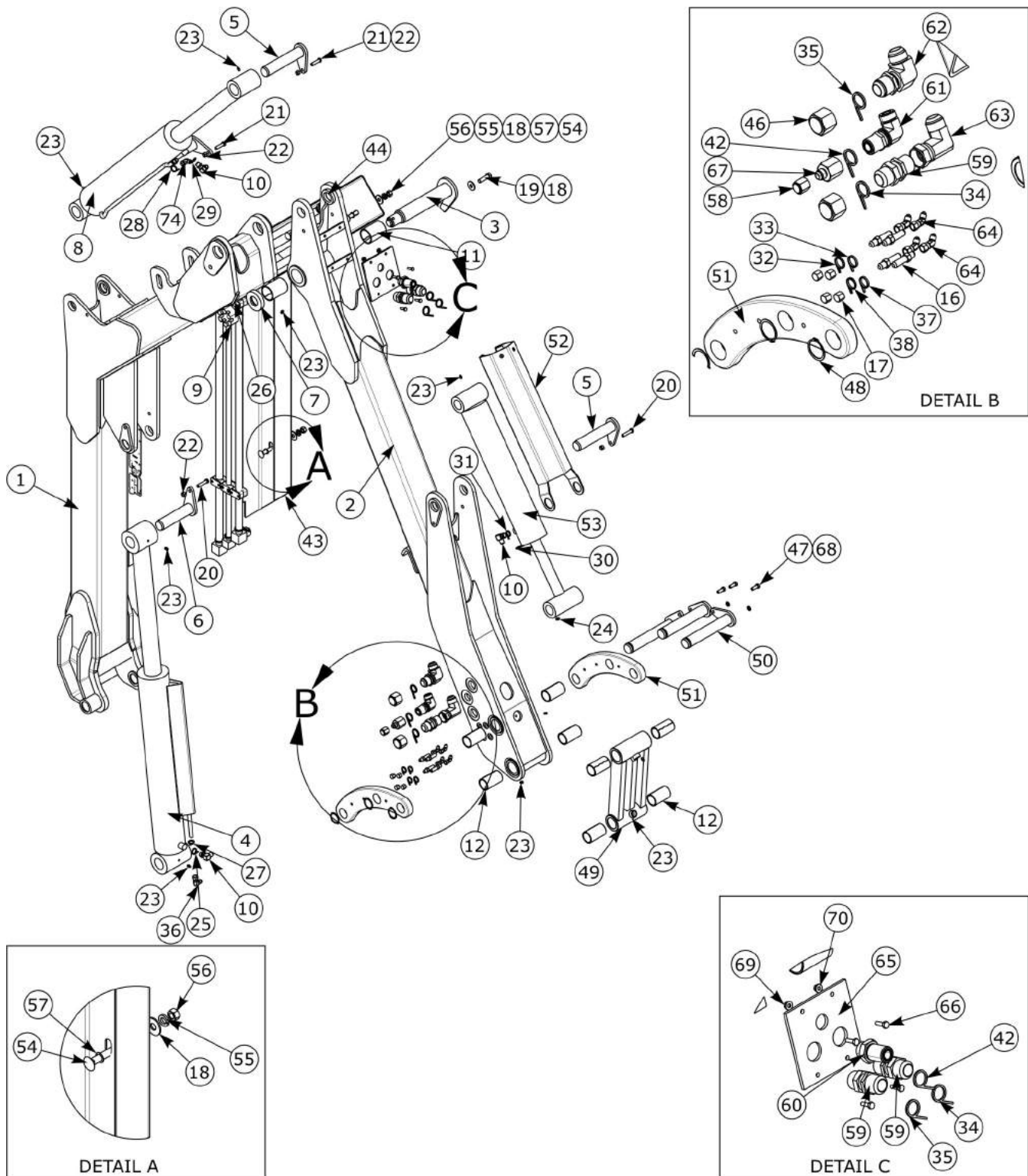
BOOM ASY - 18 FT BOOM (PART 2)



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

ITEM	PART NO.	QTY.	DESCRIPTION
41	02968832	1	PLASTIC TIE, GREEN
42	02968833	1	PLASTIC TIE, GREEN & WHITE
43	02984821	1	COVER, LIFT TUBE COVER
44	02956918	2	CAP, 16 FJ
45	03200375	4	CLAMP, TUBE 1-POSTION
46	02984868	2	CLAMP, TUBE 1-POSTION, 3/4"
47	02985222	2	PLATE, LINKAGE
48	02986074	1	WELDMENT, LINKAGE
49	02985220	3	WELDMENT, PIN, LINKAGE
50	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
51	00769258	3	RETAINING RING,1.5 SHAFT
52	02982979	2	WELDMENT, CYLINDER PIN, NEW BOOM
53	0381000	2	CARB 1/2 - 13 X 2.75
54	00019600	2	LOCKWASHER 1/2 HEAVY
55	00001200	2	NUT 1/2 NC HEX PL
56	63161900	2	SPRING NUT 1/2
57	02985978	1	PLATE, BULKHEAD
58	000860	4	BOLT, HHCS 1/4" X 7/8" LG
59	00751846	3	ADP HYD STGHT 16MJ - 16MJ BULKHEAD
60	00751472	1	BULK HEAD ADAPTER #12 MJIC
61	02976532	2	ADP, HYD, 4MJ-4FJX 45
62	02962022	2	ADP HYD ELBOW 4MJ-4FJX90
63	02956851	1	ADP HYD ELBOW 16 MJ-16 JX 90
64	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
65	02972910	1	CAP, #8 FJ
66	02742500	1	ADAPTER 16MJ - 16MJ 90 BULKHEAD
67	03101646	3	LOCKWASHER 3/8
68	00024100	4	FLATWASHER STD 1/4 PL
69	00024000	4	NUT HEX 1/4" NC PL
70	02970609	1	ADP 12FJ - 8MJ

BOOM ASY - 22 FT BOOM (PART 1)

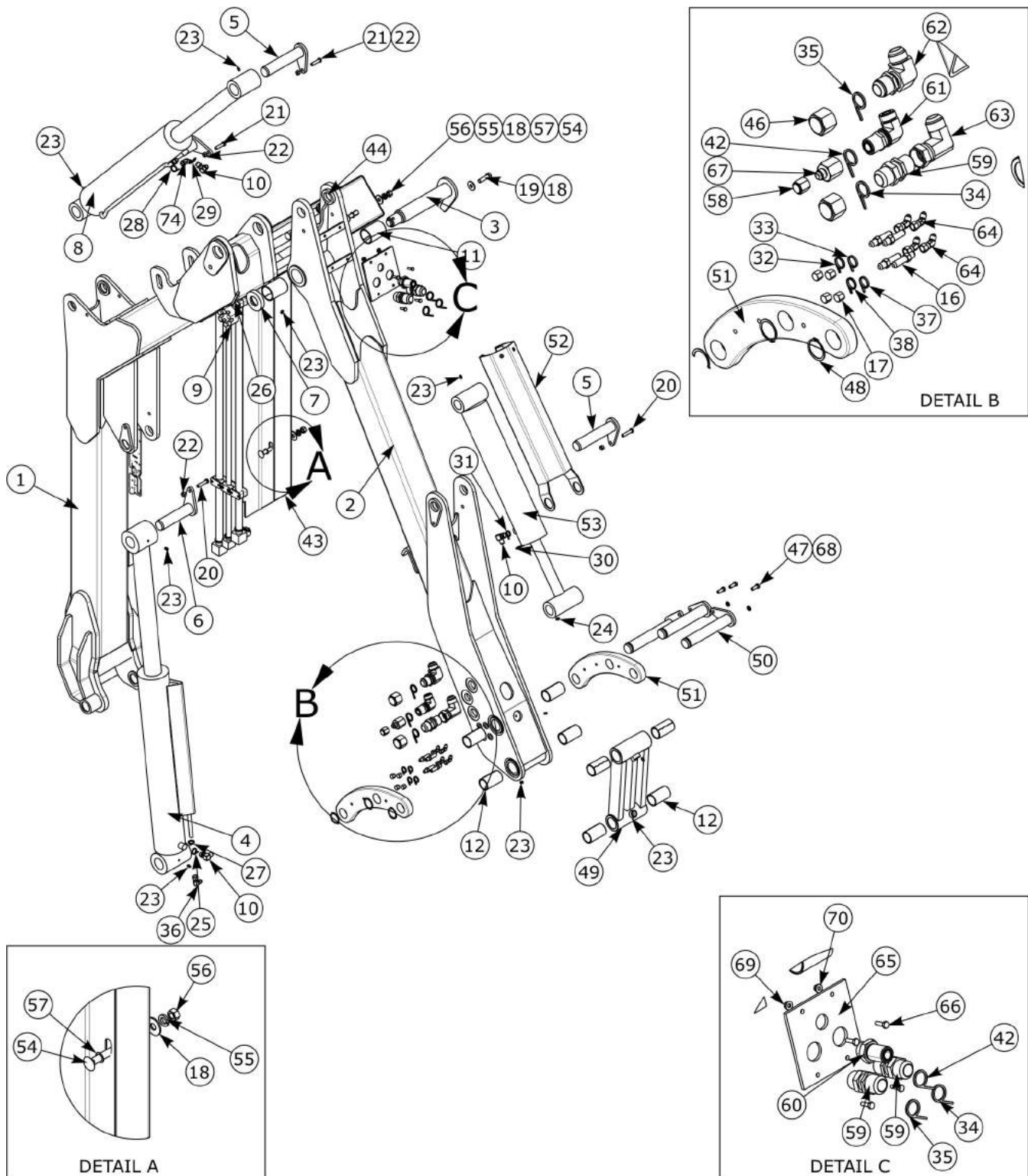


BOOM ASY - 22 FT BOOM (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02986859	1	ASY, 22 BOOM, PISTON
1	02986897	1	WELDMENT,LIFT SECTION 22' BOOM
2	02985124	1	WELDMENT, 22' DIPPER
3	02981294	1	WELDMENT, PIN, LIFT/ DIPPER
4	02981279	1	CYLINDER, 4.0B X 2.25R X 24.63S
5	02982979	3	WELDMENT, CYLINDER PIN, NEW BOOM
6	02982980	1	WELDMENT, CYLINDER PIN SHORT, NEW BOOM
7	02981273	1	SPACER, PIN, DIPPER, MAVERICK
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-6MJ 90
11	02981420	2	CONNEX BUSHING, 2 1/4 X 2 X 3
12	02981424	8	CONNEX BUSHING, 1 3/4 X 1 1/2 X 3
13	02984853	1	HYDRAULIC TUBE, #16
14	02984854	1	HYDRAULIC TUBE, #12
15	02984855	1	HYDRAULIC TUBE, #16
16	02965448	4	ADP, HYD 4MJ -4MJ BULKHEAD
17	02919600	4	CAP, HYD 4FJ
18	00002700	5	FLATWASHER, 1/2 PL STD
19	02891800	1	HHCS 1/2 NC 1-3/4 PL8
20	02957042	2	HHCS 3/8NC 1-3/4 PL GR8
21	00023100	2	HHCS 3/8 X 1-1/2 NC PL GR5
22	00015800	4	LOCKNUT TLM 3/8 NC PLC
23	00752670	10	GREASE FITTING 1/4-28 BOLT THD
24	000941	1	GREASE ZERK 1/4-28 90 BOLT THD
25	02968835	1	PLASTIC TIE, ORANGE & WHITE
26	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
27	02968834	1	PLASTIC TIE, ORANGE
28	02968831	1	PLASTIC TIE, BLUE & WHITE
29	02968830	1	PLASTIC TIE, BLUE
30	02968829	1	PLASTIC TIE, RED & WHITE
31	02968828	1	PLASTIC TIE, RED
32	02968837	1	PLASTIC TIE, YELLOW & WHITE
33	02968836	1	PLASTIC TIE, YELLOW
34	02968894	4	PLASTIC TIE, RED, 11LG
35	02968896	4	PLASTIC TIE, ORANGE, 11LG
36	001921	1	ADAPTER 6MJ - 6FJX 90
37	02968832	1	PLASTIC TIE, GREEN
38	02968833	1	PLASTIC TIE, GREEN & WHITE
41	03200375	8	CLAMP, TUBE 1-POSTION
42	02968895	4	PLASTIC TIE, BLUE, 11LG

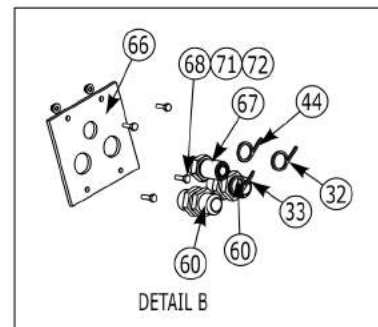
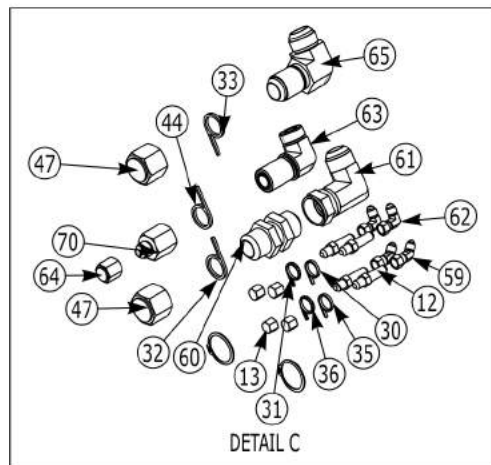
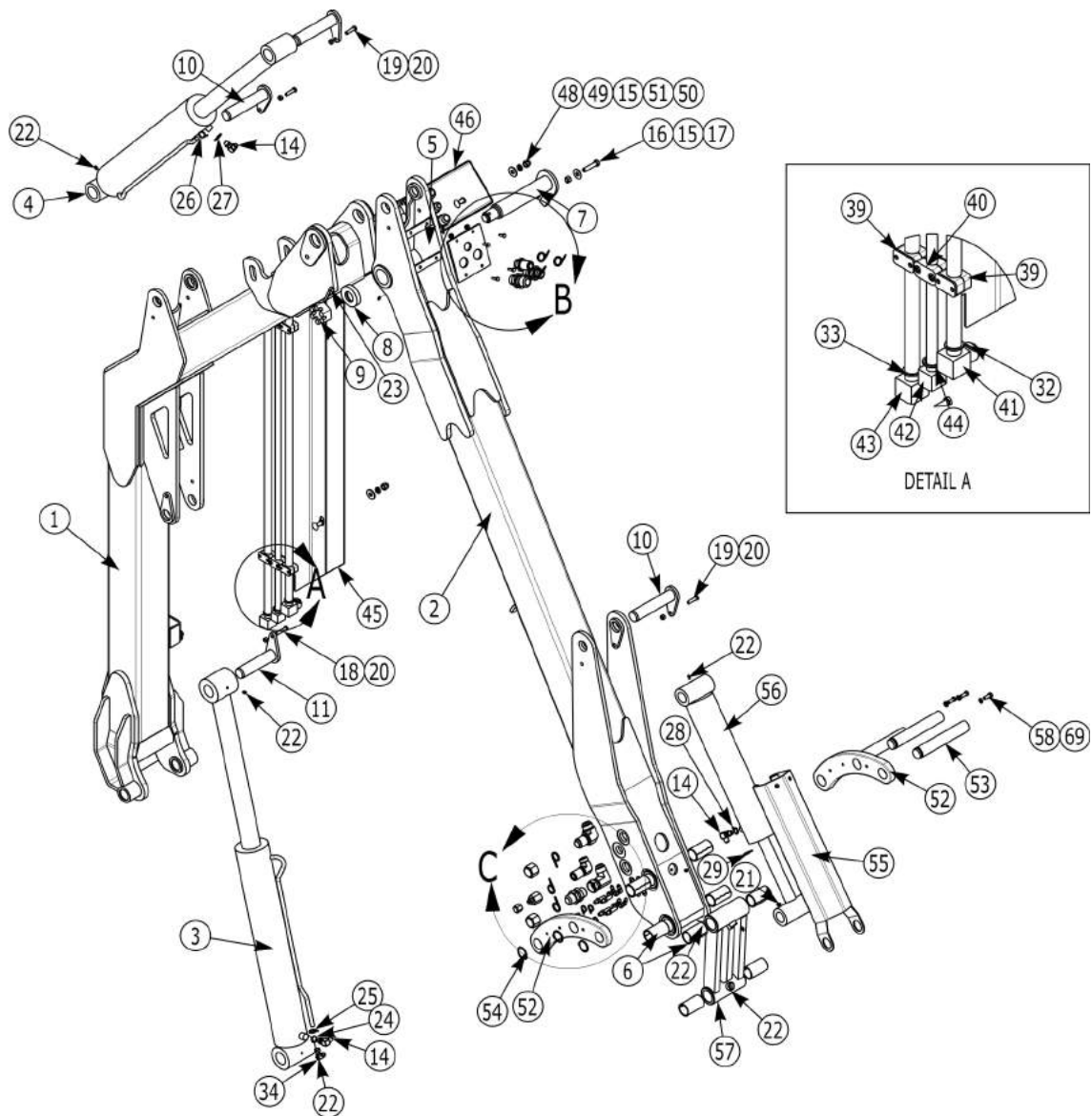
BOOM ASY - 22 FT BOOM (PART 2)



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

ITEM	PART NO.	QTY.	DESCRIPTION
43	02984856	1	COVER, LIFT TUBE COVER
44	02984857	1	COVER, LIFT TUBE COVER
45	02984868	4	CLAMP, TUBE 1-POSTION, 3/4"
46	02956918	2	CAP, 16 FJ
47	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
48	00769258	3	RETAINING RING,1.5 SHAFT
49	02986074	1	WELDMENT, LINKAGE
50	02985220	3	WELDMENT, PIN, LINKAGE
51	02985222	2	PLATE, LINKAGE
52	02985273	1	ASSEMBLY, TILT CYLINDER COVER
53	02984944	1	CYLINDER, 3.5B X 1.5R X 16.0S
54	281324	4	CARB 1/2 - 13 X 3
55	00019600	4	LOCKWASHER, 1/2 HVY, PLATED
56	00001200	4	NUT HEX 1/2 NC
57	63161900	4	SPRING NUT 1/2
58	02972910	1	CAP, #8 FJ
59	00751846	3	ADP HYD STGHT 16MJ - 16MJ BULKHEAD
60	00751472	1	ADP HYD STGHT 12MJ-12MJ BLKHD
61	02742400	1	ADP HYD 12MJ-12MJ90 BLKHD
62	02742500	1	ADAPTER 16MJ - 16MJ 90 BULKHEAD
63	02956851	1	ADP HYD ELBOW 16 MJ-16 JX 90
64	02976532	4	ADP, HYD, 4MJ-4FJX 45
65	02985978	1	PLATE, BULKHEAD
66	000860	4	BOLT, HHCS 1/4" X 7/8" LG
67	02970609	1	ADP 12FJ - 8MJ
68	03101646	3	HIGH ALLOY, L/W 3/8 YZ
69	00024000	4	NUT HEX 1/4" NC PL
70	00024100	4	FLATWASHER STD 1/4 PL
74	02976531	1	ADP HYD ELBOW 6MJ-6FJX 45

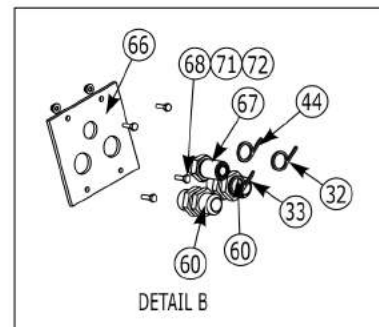
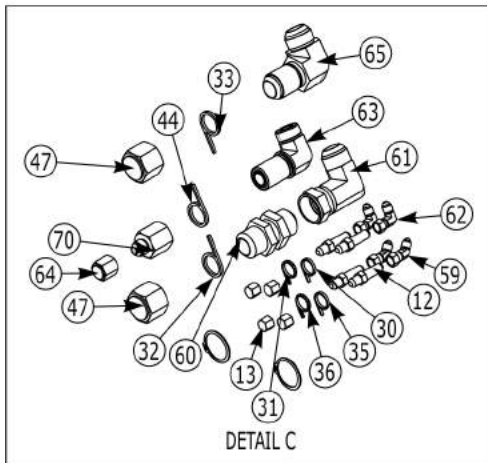
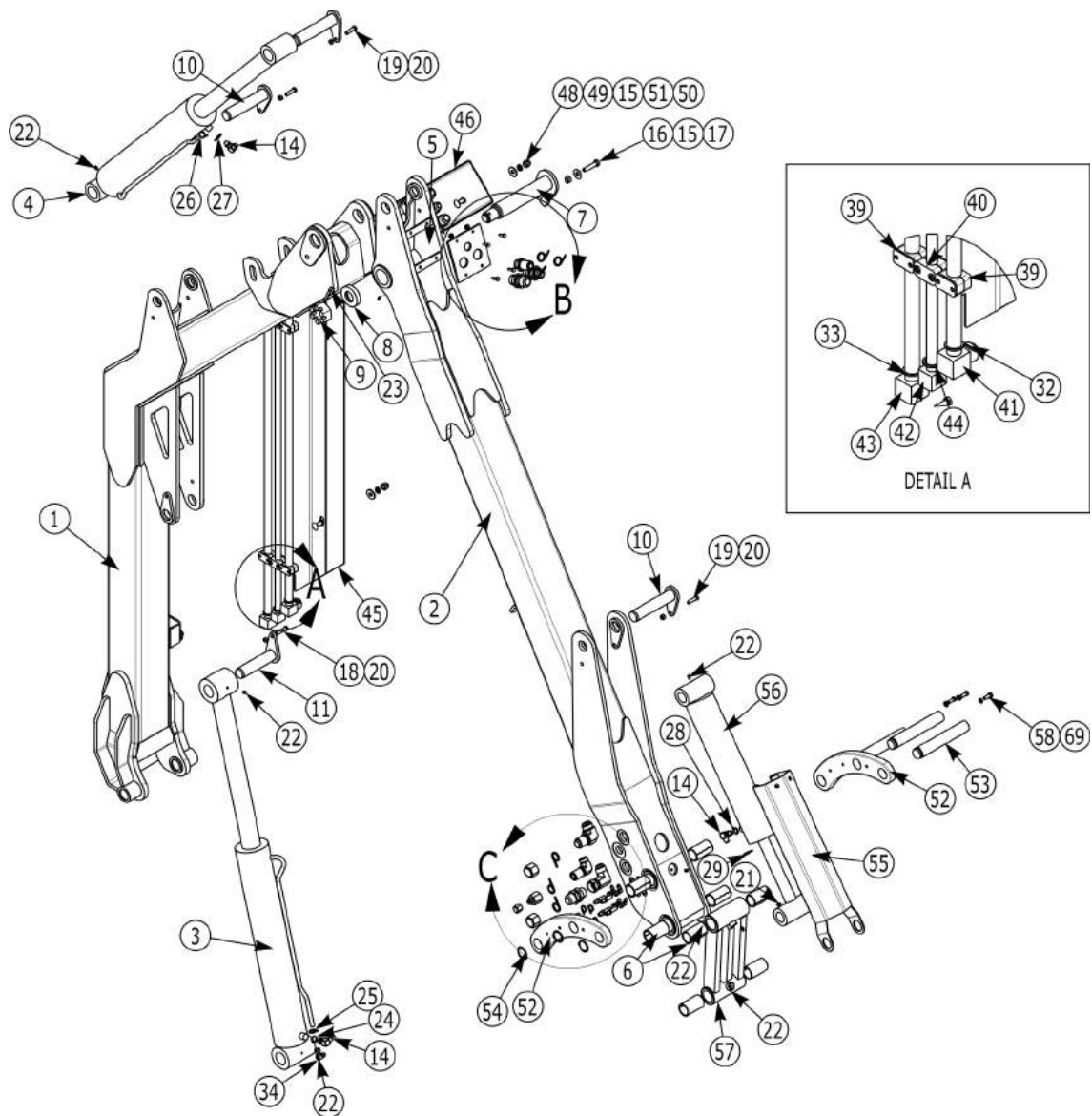
BOOM ASY - 25 FT BOOM (PART 1)



BOOM ASY - 25 FT BOOM (PART 1)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02986860	1	25 FT BOOM ASY
1	02986898	1	WELDMENT, 25` LIFT
2	02989719	1	WELDMENT, 25` DIPPER
3	02981279	1	CYLINDER, 4.0B X 2.25R X 24.63S
4	02981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
5	02981420	2	CONNEX BUSHING, 2 1/4 X 2 X 3
6	02981424	8	CONNEX BUSHING, 1 3/4 X 1 1/2 X 3
7	02981294	1	WELDMENT, PIN, LIFT/ DIPPER
8	02981273	1	SPACER, PIN, DIPPER, MAVERICK
9	02981702	1	SLOTTED NUT, 1-1/2 NF
10	02982979	3	WELDMENT, CYLINDER PIN, NEW BOOM
11	02982980	1	WELDMENT, CYLINDER PIN SHORT, NEW BOOM
12	02965448	4	ADP, HYD 4MJ -4MJ BULKHEAD
13	02919600	4	CAP, HYD 4FJ
14	63149100	3	ADP, HYD ELBOW 6MB-6MJ 90
15	00002700	5	FLATWASHER, 1/2 PL STD
16	02975436	1	HHCS 1/2 NC X 2 1/4 PL8
17	00001800	1	LOCKNUT TLM 1/2 NC PLB
18	02957042	1	HHCS 3/8NC 1-3/4 PL GR8
19	00023100	3	HHCS 3/8 X 1-1/2 NC PL GR5
20	00015800	4	LOCKNUT TLM 3/8 NC PLC
21	000941	1	GREASE ZERK 1/4-28 90 BOLT THD
22	00752670	10	GREASE FITTING 1/4-28 BOLT THD
23	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
24	02968835	1	PLASTIC TIE, ORANGE & WHITE
25	02968834	1	PLASTIC TIE, ORANGE
26	02968831	1	PLASTIC TIE, BLUE & WHITE
27	02968830	1	PLASTIC TIE, BLUE
28	02968828	1	PLASTIC TIE, RED
29	02968829	1	PLASTIC TIE, RED & WHITE
30	02968836	1	PLASTIC TIE, YELLOW
31	02968837	1	PLASTIC TIE, YELLOW & WHITE
32	02968894	4	PLASTIC TIE, RED, 11LG
33	02968896	4	PLASTIC TIE, ORANGE, 11LG
34	001921	1	ADAPTER 6MJ - 6FJX 90
35	02968832	1	PLASTIC TIE, GREEN
36	02968833	1	PLASTIC TIE, GREEN & WHITE
37	03200375	8	CLAMP, TUBE 1-POSTION
38	02984868	4	CLAMP, TUBE 1-POSTION, 3/4"
39	02984890	1	HYDRAULIC TUBE, #16
40	02984891	1	HYDRAULIC TUBE, #12

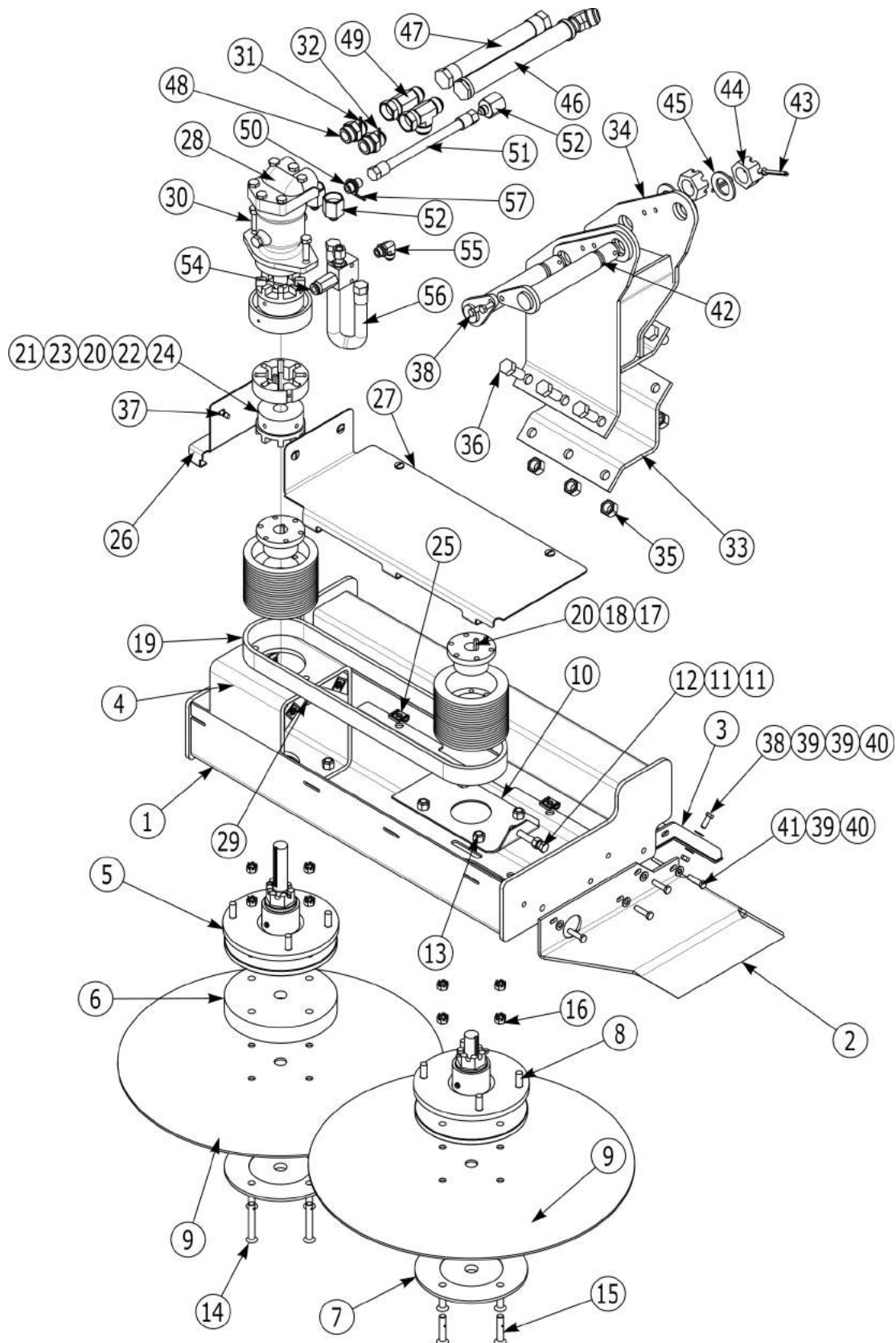
BOOM ASY - 25 FT BOOM (PART 2)



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

ITEM	PART NO.	QTY.	DESCRIPTION
41	02984892	1	HYDRAULIC TUBE, #16
42	02968895	4	PLASTIC TIE, BLUE, 11LG
43	02984893	1	COVER, LIFT TUBE COVER
44	02984894	1	COVER, LIFT TUBE COVER
45	02956918	2	CAP, 16 FJ
46	00001200	4	NUT 1/2 NC HEX PL
47	00019600	4	LOCKWASHER 1/2 HEAVY
48	0381000	4	CARB 1/2 - 13 X 2.75
49	63161900	4	SPRING NUT 1/2
50	02985222	2	PLATE, LINKAGE
51	02985220	3	WELDMENT, PIN, LINKAGE
52	00769258	3	RETAINING RING,1.5 SHAFT
53	02985273	1	ASSEMBLY, TILT CYLINDER COVER
54	02984944	1	CYLINDER, 3.5B X 1.5R X 16.0S
55	02986074	1	WELDMENT, LINKAGE
56	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
57	02976532	2	ADP, HYD, 4MJ-4FJX 45
58	00751846	3	ADP HYD STGHT 16MJ - 16MJ BULKHEAD
59	02956851	1	ADP HYD ELBOW 16 MJ-16 JX 90
60	02962022	2	ADP HYD ELBOW 4MJ-4FJX90
61	02742400	1	ADP HYD ELBOW 12MJ-12MJ90 BKHD
62	02972910	1	CAP, #8 FJ
63	02742500	1	ADAPTER 16MJ - 16MJ 90 BULKHEAD
64	02985978	1	PLATE, BULKHEAD
65	00751472	1	BULK HEAD ADAPTER #12 MJIC
66	000860	4	BOLT, HHCS 1/4" X 7/8" LG
67	03101646	3	LOCKWASHER 3/8
68	02970609	1	ADP 12FJ - 8MJ
69	00024100	4	FLATWASHER STD 1/4 PL
70	00024000	4	NUT HEX 1/4" NC PL

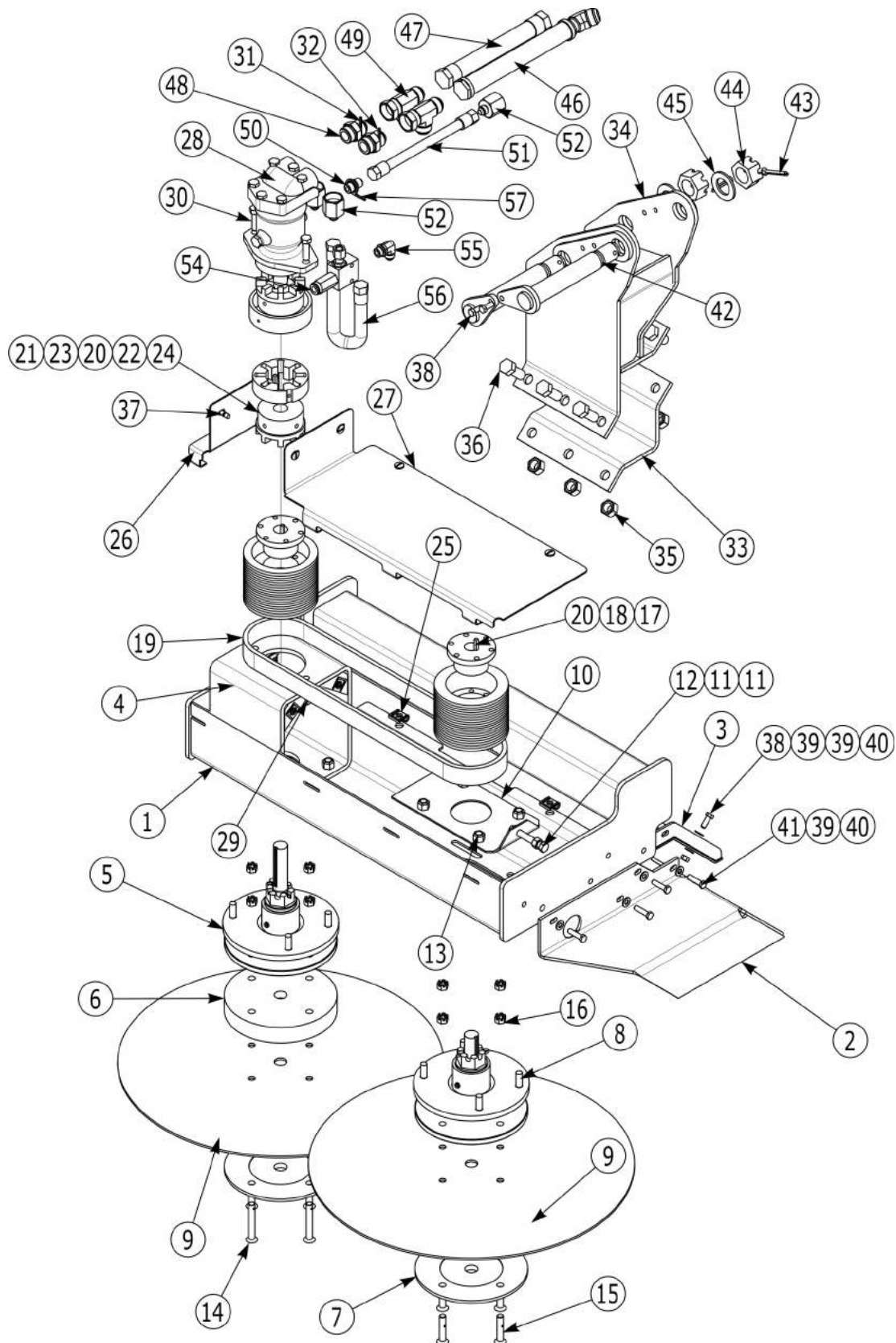
BUZZ BAR ASY - 48 IN (PART 1)



BUZZ BAR ASY - 48 IN (PART 1)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02986236	1	ASY, 2 BLADE BUZZBAR, PISTON
1	02983631	1	WELDMENT, SAW BODY 2 BLADE
2	02974207	1	BUMPER
3	02979274	1	WLDMT, REAR SHIELD 2 BLADE
4	02979262	1	MACHINED TUBE, MOTOR MOUNT
5	02978249	1	ASSEMBLY, SPINDLE SHAFT
6	02974238	1	BLADE SPACER
7	02974237	2	PLATE, SHAFT END CAP
8	02974235	1	HUB ASSY
9	02974236	2	BLADES
10	02974225	1	BRACKET TENSION ADJUST
11	00001200	2	NUT HEX 1/2 NC
12	002521	1	HHCS 1/2 NC 3-1/2, FULL THREAD
13	00750614	8	NUT 1/2 NF
14	02974659	4	FLAT SOCKET HEAD 1/2 NC X 3-1/2 W/ HOLE
15	02974658	4	FLAT SOCKET HEAD 1/2 NC X 2" W/ HOLE
16	02976017	8	SLOT NUT
17	02974239	2	SHEAVE
18	02974240	2	QD BUSHING
19	02974241	1	BELT, MICRO-V
20	02669600	3	SQ KEY
21	02978267	1	HUB, 20R10 W/1-1/8" BORE
22	02978268	1	INSERT, URETHANE
23	02978269	1	COVER, NYLON
24	02978270	1	HUB, 20R10 W/1-1/8" BORE
25	02984677	7	SLIP ON RECEPTACLE 9MM
26	02979271	1	SHEET, BELT COVER, LEFT 2 BLADE
27	02979296	1	BELT COVER, SHORT
28	8301295	1	PISTON MOTOR
29	00001800	2	LOCKNUT TLM 1/2 NC PLB
30	00749130	2	HHCS 1/2 -13UNC 1 3/4 PL5
31	02968894	1	PLASTIC TIE, RED, 11LG
32	02968896	1	PLASTIC TIE, ORANGE, 11LG
33	02970324	1	PLATE-CLAMP, HITCHPOST
34	02986218	1	WELDMENT, HITCHPOST
35	00037200	6	NUT 3/4 NC LOCKNUT
36	02918600	6	HHCS 3/4 NC 2 PL8
37	02984678	7	STUD 9MM 1/4 TURN
38	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
39	00011100	10	FLATWASHER 3/8 STD
40	00015800	9	LOCKNUT TLM 3/8 NC PLC

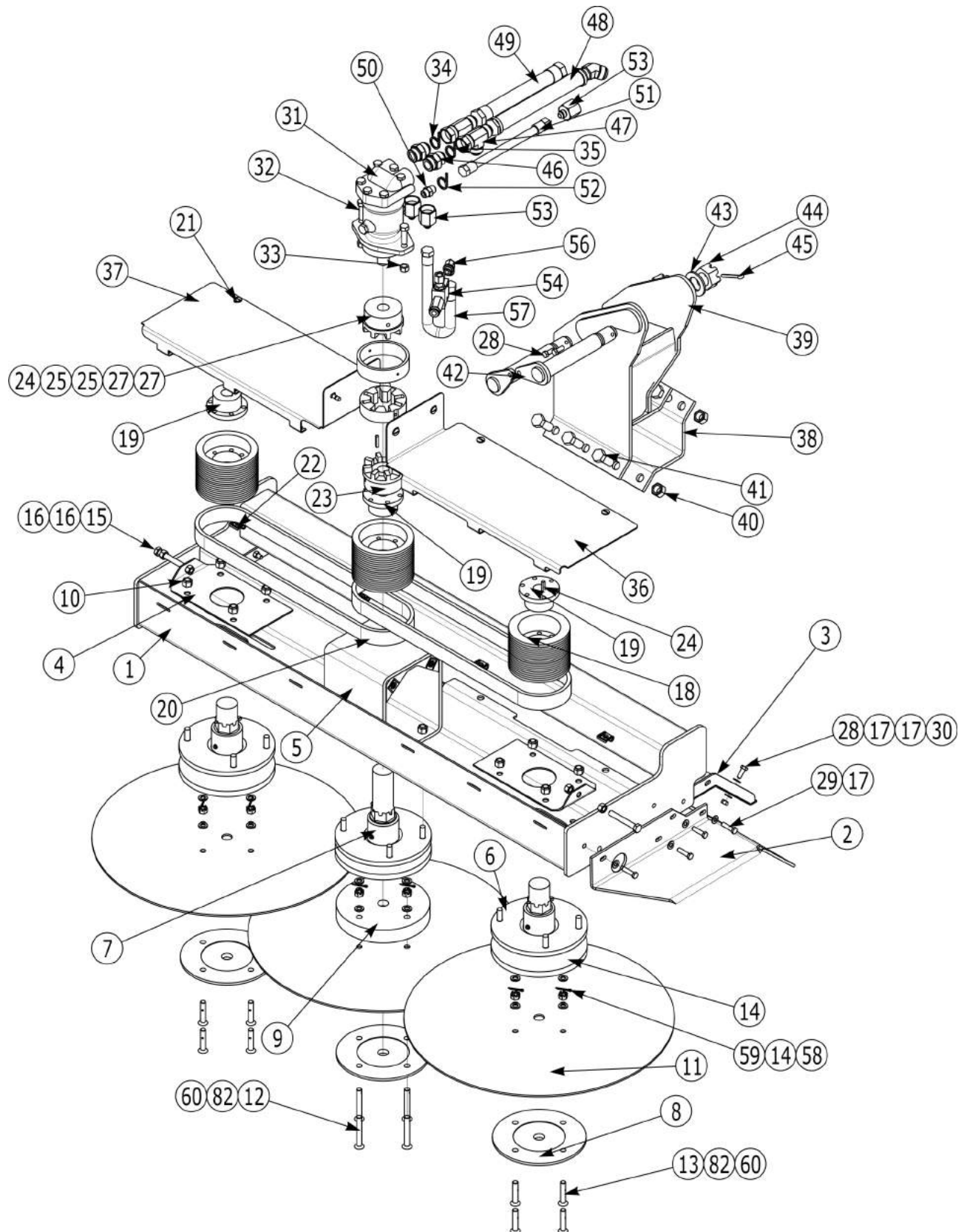
BUZZ BAR ASY - 48 IN (PART 2)



BUZZ BAR ASY - 48 IN (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, SLOTTED 1-3/8 12NF PLB
45	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
46	02969678	1	HOSE #16-16FJX - 16FJX45 - 74LG
47	02975437	1	HOSE #16-16FJX -16FJX45-75LG
48	02957622	2	ADP HYD STGHT 16MB-16MJ
49	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
50	00696800	1	ADP HYD STGHT 8MB-8MJ
51	02972981	1	HOSE #8-8FJX - 8FJX - 80LG
52	02969464	3	ADAPTER HYD REDUCER 8MJ-16FJ
53	02975438	1	ADP, HYD STGHT 8FJX-8MB
54	02975964	1	ASY RELIEF MANIFOLD
55	02962213	1	ADP HYD ELBOW 8MB-8MJ 90°
56	02158800	1	HOSE #8-8FJX - FJX - 17LG
57	02968895	1	PLASTIC TIE, BLUE, 11LG
58	02961085	1	CORDURA SLEEVE

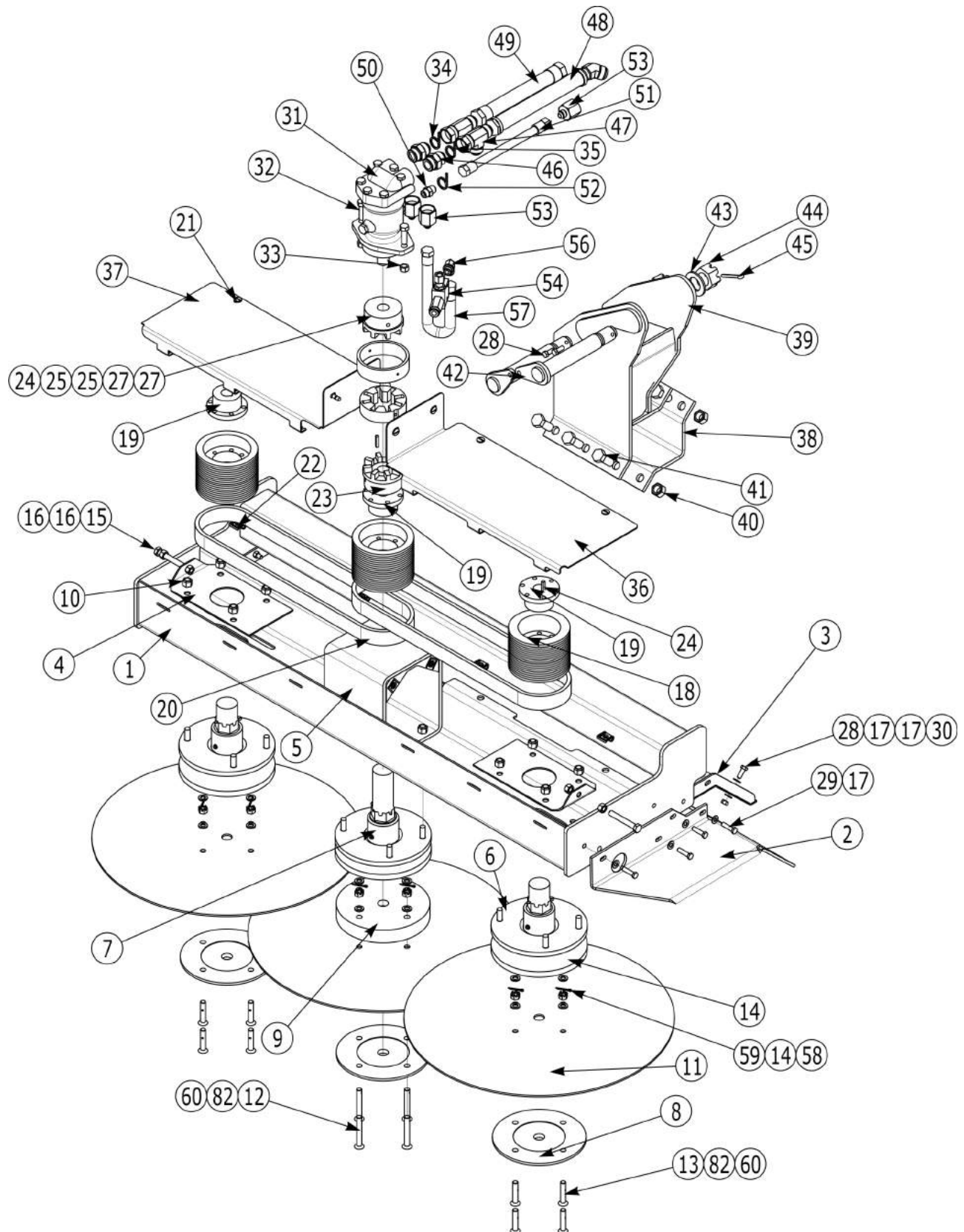
BUZZ BAR ASY - 69 IN (PART 1)



BUZZ BAR ASY - 69 IN (PART 1)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02986237	1	ASY, 3 BLADE BUZZBAR, PISTON
1	02983632	1	WELDMENT, SAW BODY 3 BLADE
2	02974207	1	BUMPER
3	02979258	1	WLDMT, SHIELD 3 BLADE
4	02974225	2	BRACKET TENSION ADJUST
5	02979262	1	MACHINED TUBE, MOTOR MOUNT
6	02974235	2	HUB ASSY
7	02978249	1	ASSEMBLY, SPINDLE SHAFT
8	02974237	3	PLATE, SHAFT END CAP
9	02974238	1	BLADE SPACER
10	00750614	12	NUT 1/2 NF
11	02974236	3	BLADES
12	02974659	4	FLAT SOCKET HEAD 1/2 NC X 3-1/2 W/ HOLE
13	02974658	8	FLAT SOCKET HEAD 1/2 NC X 2" W/ HOLE
14	02976017	12	SLOT NUT
15	002521	2	HHCS 1/2 NC 3-1/2, FULL THREAD
16	00001200	4	NUT HEX 1/2 NC
17	00011100	10	FLATWASHER 3/8 STD
18	02974239	3	SHEAVE
19	02974240	3	QD BUSHING
20	02974241	2	BELT, MICRO-V
21	02984678	8	STUD 9MM 1/4 TURN
22	02984677	8	SLIP ON RECEPTACLE 9MM
23	02978267	1	HUB, 20R10 W/1-1/8" BORE
24	02669600	4	SQ KEY
25	02978268	1	INSERT, URETHANE
26	02978269	1	COVER, NYLON
27	02978270	1	HUB, 20R10 W/1-1/8" BORE
28	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
29	00023100	8	HHCS 3/8 X 1-1/2 NC PL GR5
30	00015800	9	LOCKNUT TLM 3/8 NC PLC
31	8301295	1	PISTON MOTOR
32	00749130	2	HHCS 1/2 -13UNC 1 3/4 PL5
33	00001800	2	LOCKNUT TLM 1/2 NC PLB
34	02968894	1	PLASTIC TIE, RED, 11LG
35	02968896	1	PLASTIC TIE, ORANGE, 11LG
36	02979296	1	BELT COVER, SHORT
37	02979255	1	BELT COVER, LEFT 3 BLADE
38	02970324	1	PLATE-CLAMP, HITCHPOST
39	02986218	1	WELDMENT, HITCHPOST
40	00037200	6	NUT 3/4 NC LOCKNUT

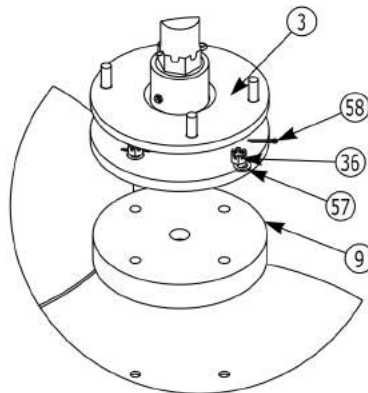
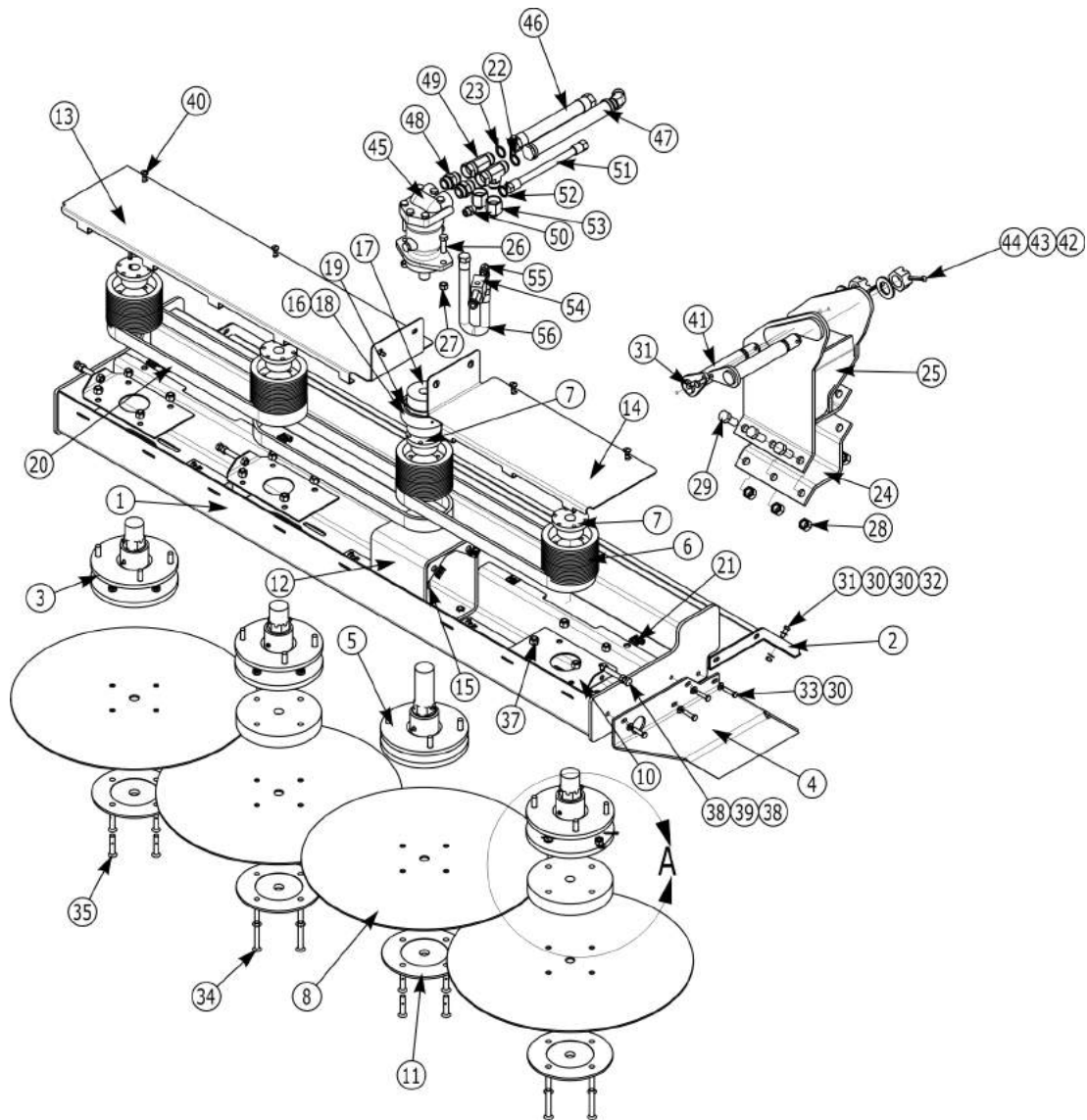
BUZZ BAR ASY - 69 IN (PART 2)



BUZZ BAR ASY - 69 IN (PART 2)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02918600	6	HHCS 3/4 NC 2 PL8
42	02981757	2	WELDMENT, PIN, HITCH POST
43	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
44	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
45	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
46	02957622	2	ADP HYD STGHT 16MB-16MJ
47	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
48	02969678	1	HOSE #16-16FJX - 16FJX45 - 74LG
49	02975437	1	HOSE #16-16FJX -16FJX45-75LG
50	00696800	1	ADP HYD STGHT 8MB-8MJ
51	02972981	1	HOSE #8-8FJX - 8FJX - 80LG
52	02968895	1	PLASTIC TIE, BLUE, 11LG
53	02969464	3	ADAPTER HYD REDUCER 8MJ-16FJ
54	02975964	1	ASY RELIEF MANIFOLD
55	02975438	1	ADP, HYD STGHT 8FJX-8MB
56	02962213	1	ADP HYD ELBOW 8MB-8MJ 90°
57	02158800	1	HOSE #8-8FJX - FJX - 17LG
58	63000500	12	WASHER, FLAT, PLATED
59	40010000	12	PIN, COTTER 1/8X1
60	02961085	1	CORDURA SLEEVE

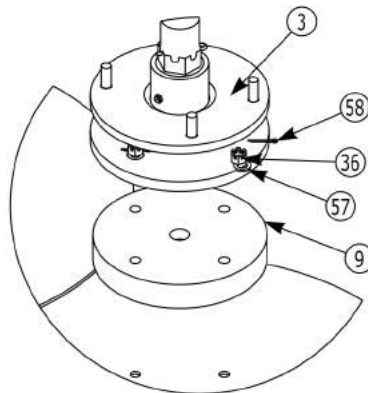
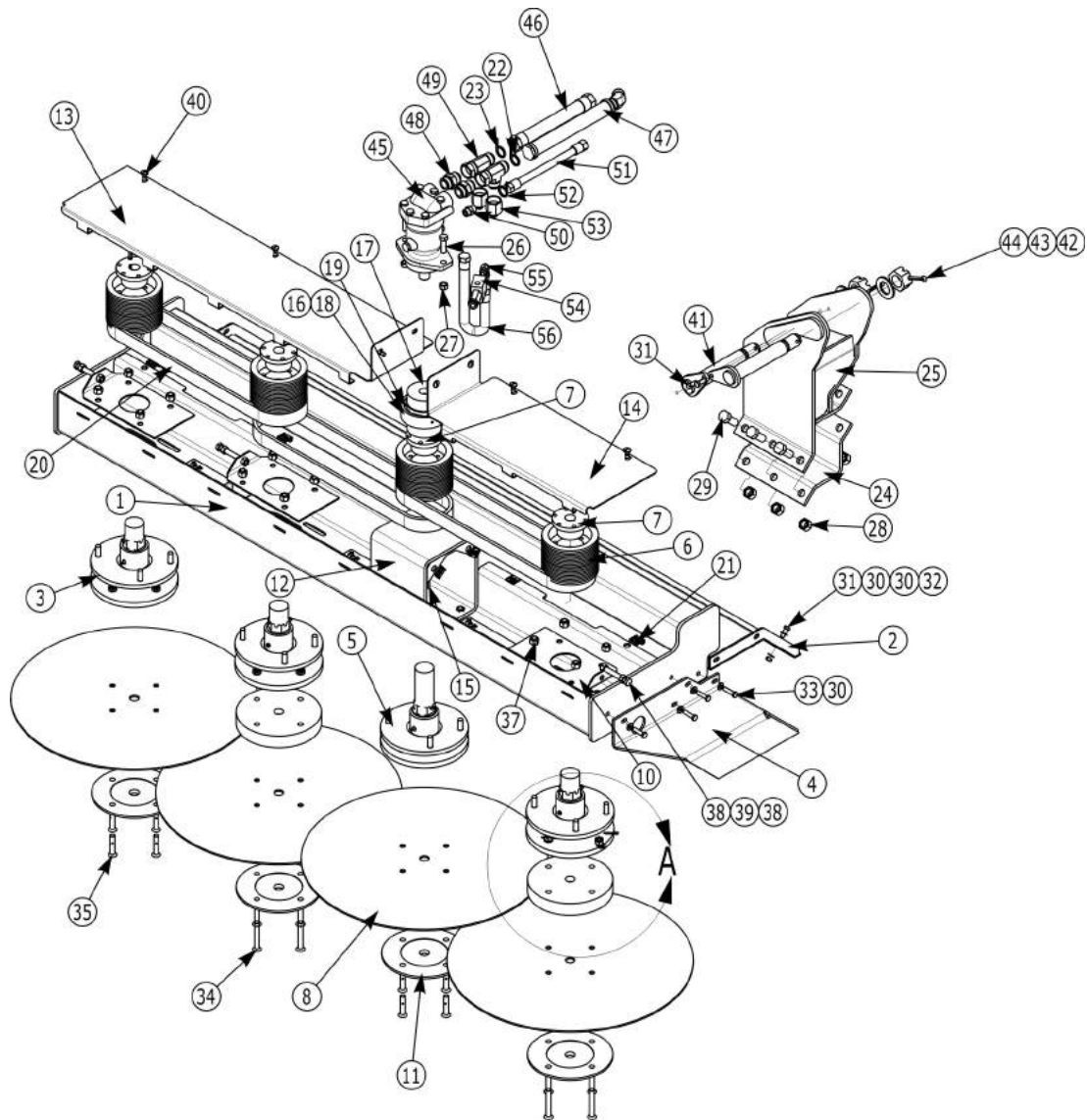
BUZZ BAR ASY - 90 IN (PART 1)



BUZZ BAR ASY - 90 IN (PART 1)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	02986245	1	ASY, 4 BLADE BUZZBAR PISTON
1	02983633	1	WELDMENT, SAW BODY 4 BLADE
2	02974212	1	WLDMT, REAR SHIELD
3	02974235	3	HUB ASSY
4	02974207	1	BUMPER
5	02978249	1	ASSEMBLY, SPINDLE SHAFT
6	02974239	4	SHEAVE
7	02974240	4	QD BUSHING
8	02974236	4	BLADES
9	02974238	2	BLADE SPACER
10	02974225	3	BRACKET TENSION ADJUST
11	02974237	4	PLATE, SHAFT END CAP
12	02979262	1	MACHINED TUBE, MOTOR MOUNT
13	02979297	1	BELT COVER, LONG
14	02979296	1	BELT COVER, SHORT
15	02669600	5	SQ KEY
16	02978267	1	HUB, 20R10 W/1-1/8" BORE
17	02978270	1	HUB, 20R10 W/1-1/8" BORE
18	02978269	1	COVER, NYLON
19	02978268	1	INSERT, URETHANE
20	02974241	3	BELT, MICRO-V
21	02984677	9	SLIP ON RECEPTACLE 9MM
22	02968896	1	PLASTIC TIE, ORANGE, 11LG
23	02968894	1	PLASTIC TIE, RED, 11LG
24	02970324	1	PLATE-CLAMP, HITCHPOST
25	02986218	1	WELDMENT, HITCHPOST
26	00749130	2	HHCS 1/2 -13UNC 1 3/4 PL5
27	00001800	2	LOCKNUT TLM 1/2 NC PLB
28	00037200	6	NUT 3/4 NC LOCKNUT
29	02918600	6	HHCS 3/4 NC 2 PL8
30	00011100	10	FLATWASHER 3/8 STD
31	00011400	3	BOLT, HHCS 3/8 NC 1 PL5
32	00015800	9	LOCKNUT TLM 3/8 NC PLC
33	00023100	8	HHCS 3/8 X 1-1/2 NC PL GR5
34	02974659	8	FLAT SOCKET HEAD 1/2 NC X 3-1/2 W/ HOLE
35	02974658	8	FLAT SOCKET HEAD 1/2 NC X 2" W/ HOLE
36	02976017	16	SLOT NUT
37	00750614	16	NUT 1/2 NF
38	002521	3	HHCS 1/2 NC 3-1/2, FULL THREAD
39	00001200	6	NUT HEX 1/2 NC
40	02984678	9	STUD 9MM 1/4 TURN

BUZZ BAR ASY - 90 IN (PART 2)

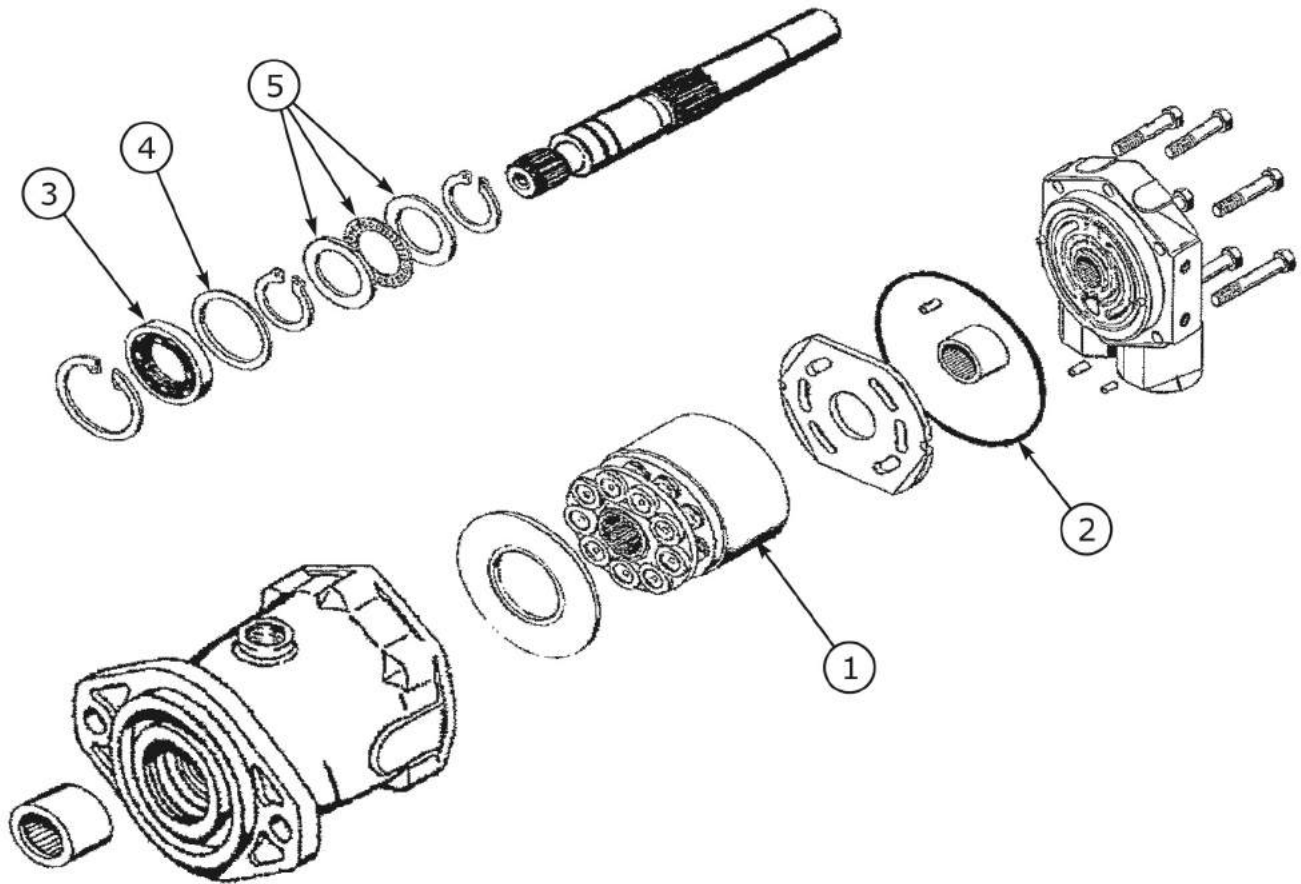


DETAIL A

BUZZ BAR ASY - 90 IN (PART 2)**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	02981757	2	WELDMENT, PIN, HITCH POST
42	02971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
43	02971701	2	NUT, SLOTTED 1-3/8 12NF PLB
44	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
45	8301295	1	PISTON MOTOR
46	02975437	1	HOSE #16-16FJX -16FJX45-75LG
47	02969678	1	HOSE #16-16FJX - 16FJX45 - 74LG
48	02957622	2	ADP HYD STGHT 16MB-16MJ
49	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
50	00696800	1	ADP HYD STGHT 8MB-8MJ
51	02972981	1	HOSE #8-8FJX - 8FJX - 80LG
52	02968895	1	PLASTIC TIE, BLUE, 11LG
53	02969464	2	ADAPTER HYD REDUCER 8MJ-16FJ
54	02975964	1	ASY RELIEF MANIFOLD
55	02962213	1	ADP HYD ELBOW 8MB-8MJ 90°
56	02158800	1	HOSE #8-8FJX - FJX - 17LG
57	63000500	16	WASHER, FLAT, PLATED
58	40010000	16	PIN, COTTER 1/8X1
59	40010000	16	PIN, COTTER 1/8 X 1
60	63000500	16	WASHER TYRONE#11146, PLATED

BUZZBAR AND GRASS FLAIL MOTOR ASSEMBLY



BUZZBAR AND GRASS FLAIL MOTOR ASSEMBLY

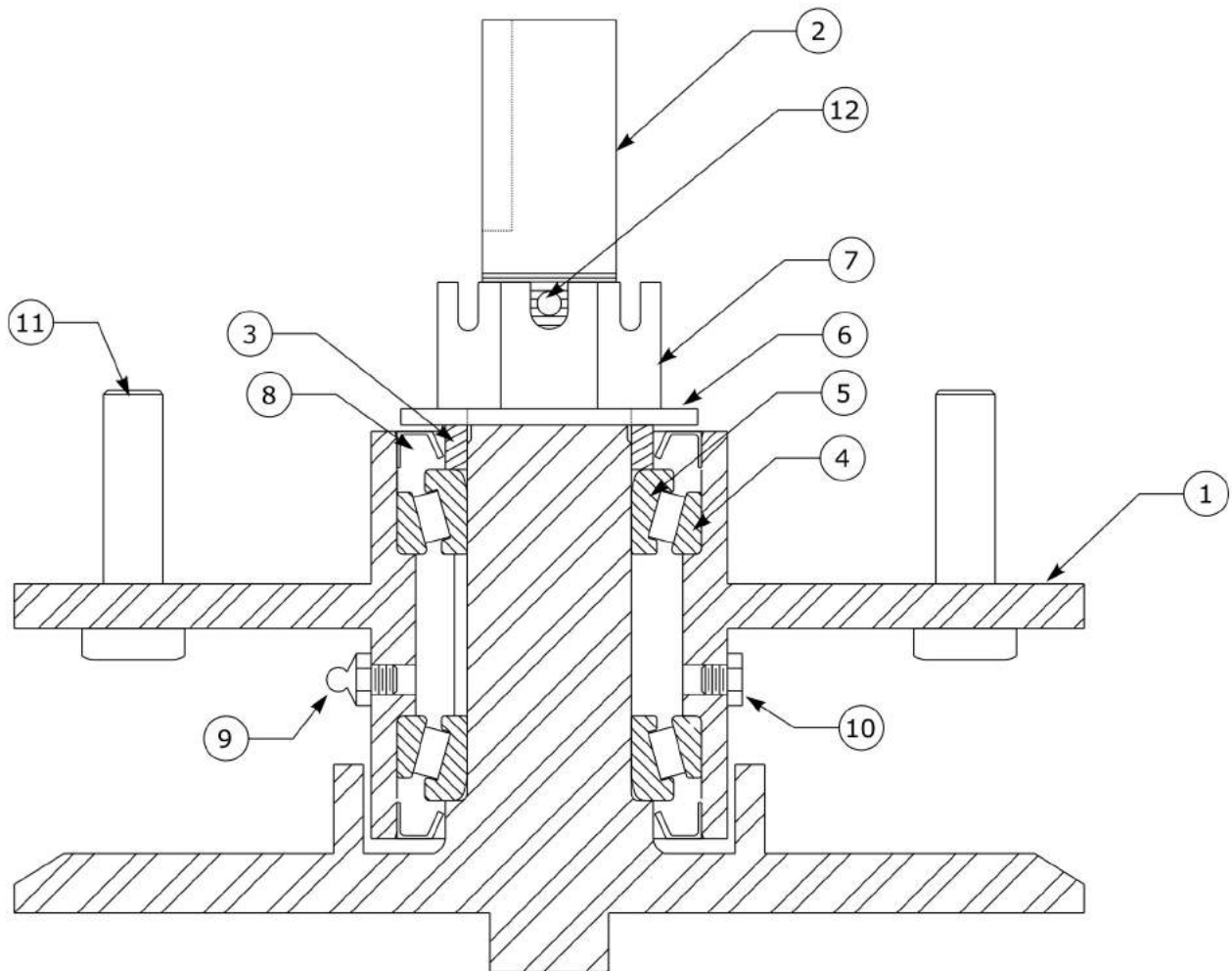
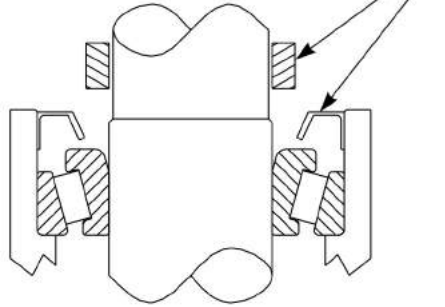
Continued...

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

BUZZ BAR SPINDLE ASSEMBLY

UPPER SEAL INSTALLATION

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

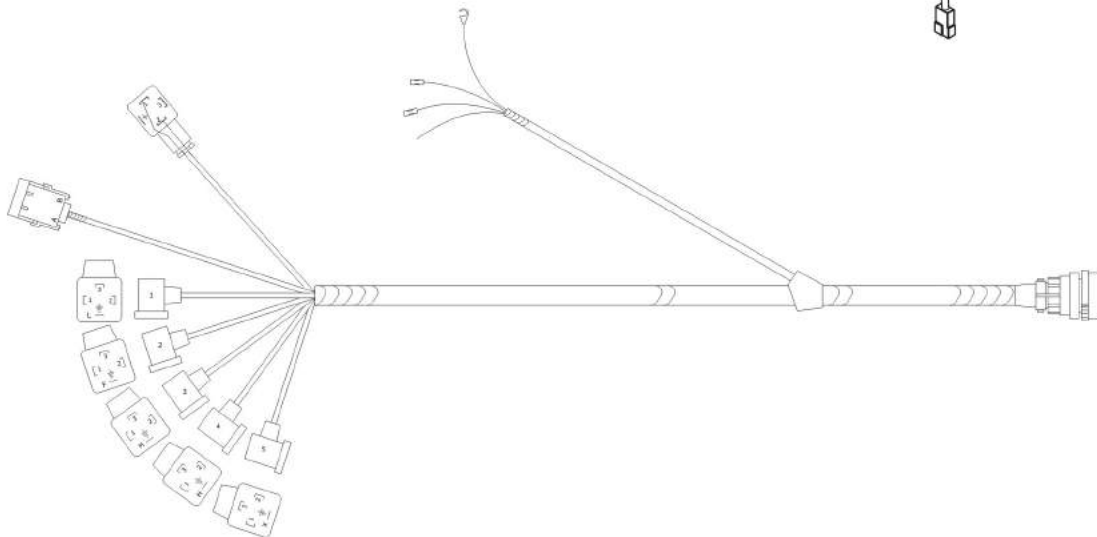
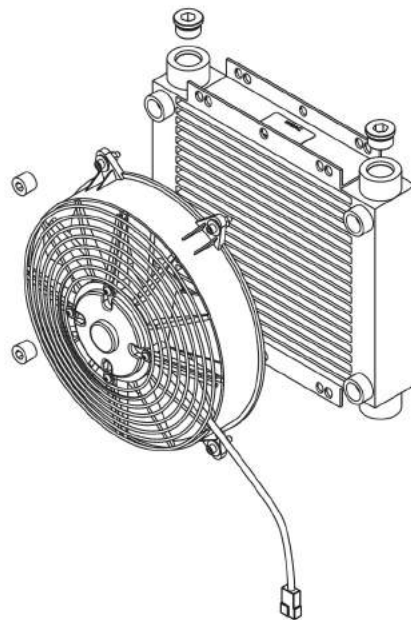
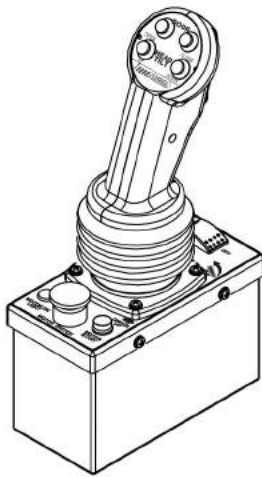
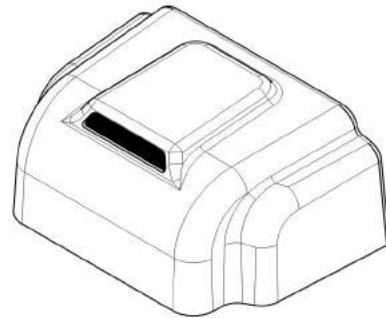
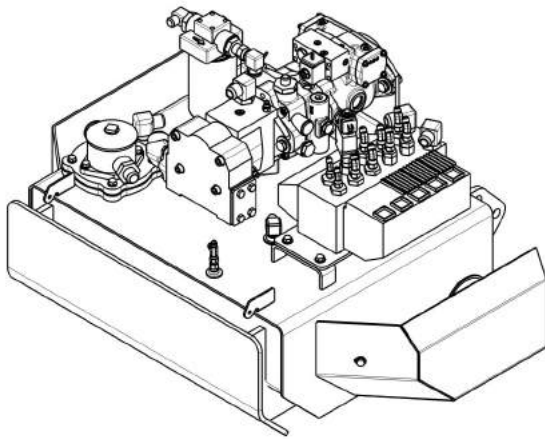


BUZZ BAR SPINDLE ASSEMBLY

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

COMMON CRATE COMPONENTS

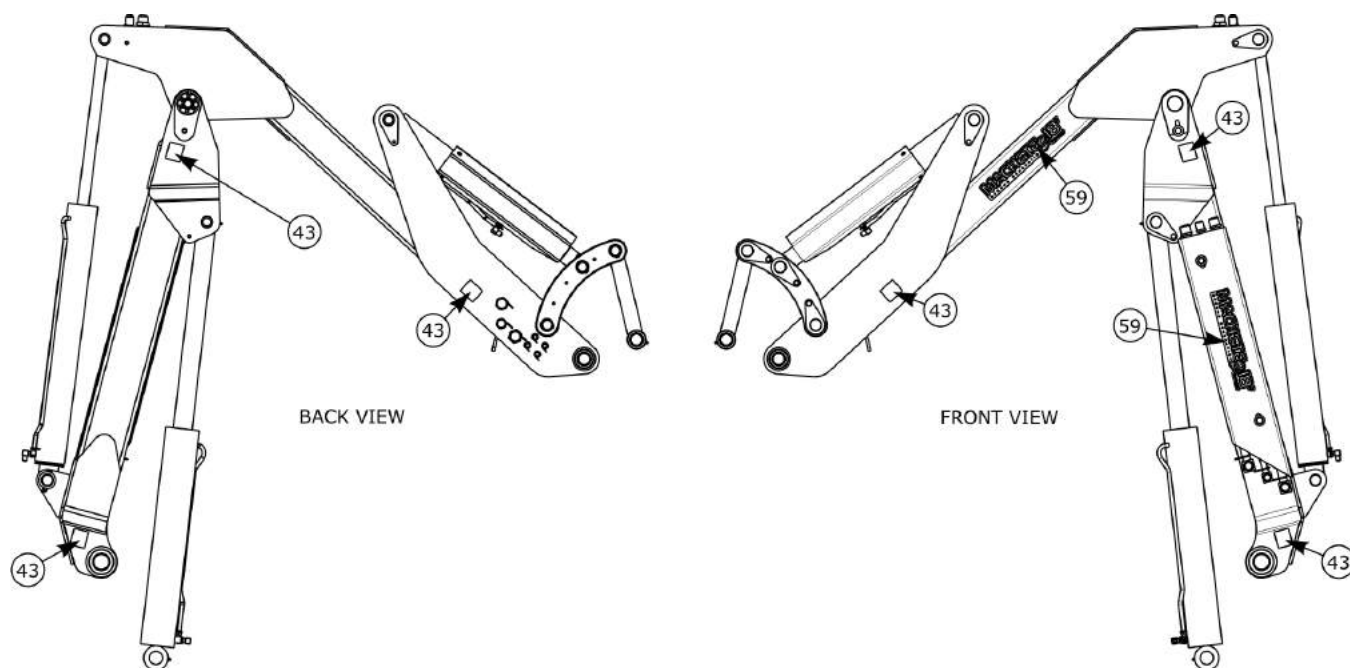


COMMON CRATE COMPONENTS

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987499	1	PACKET, INST DWGS AND DECALS
	02981441	2	KNOB 3/8NC X 1-1/2 STUD
	02987829	1	ASSEMBLY JOYSTICK CONSOLE
	00776031	1	CANISTER, PARTS MANUAL
	02966874	1	BOOT,CABLE
	02986941A	1	ASSEMBLY OPERATORS & PARTS
	02986941CA	1	ASSEMBLY CANISTER MANUAL
	02987401	1	ASY, COMPLETE, TANK & VALVE
	02986111	1	CABLE, PUMP COVER 36
	02986130	1	CABLE, MANUAL CANISTER, 24
	02970116	2	TUBE,FRAME MOUNTING
	02753400	2	PLASTIC TIE 15 LG UV BLACK
	02975004	1	MOUNT TIE ROD
	02984735	1	ASY, HARNESS, MACHETE
	02966639	6	BAR,MOUNT STRAP
	02981381	1	ASY, PUMP COVER
	02987727	1	BOOM TO FRAME HOSE BUNDLE
	02987705	2	BAR,MOUNT STRAP 4-1/2

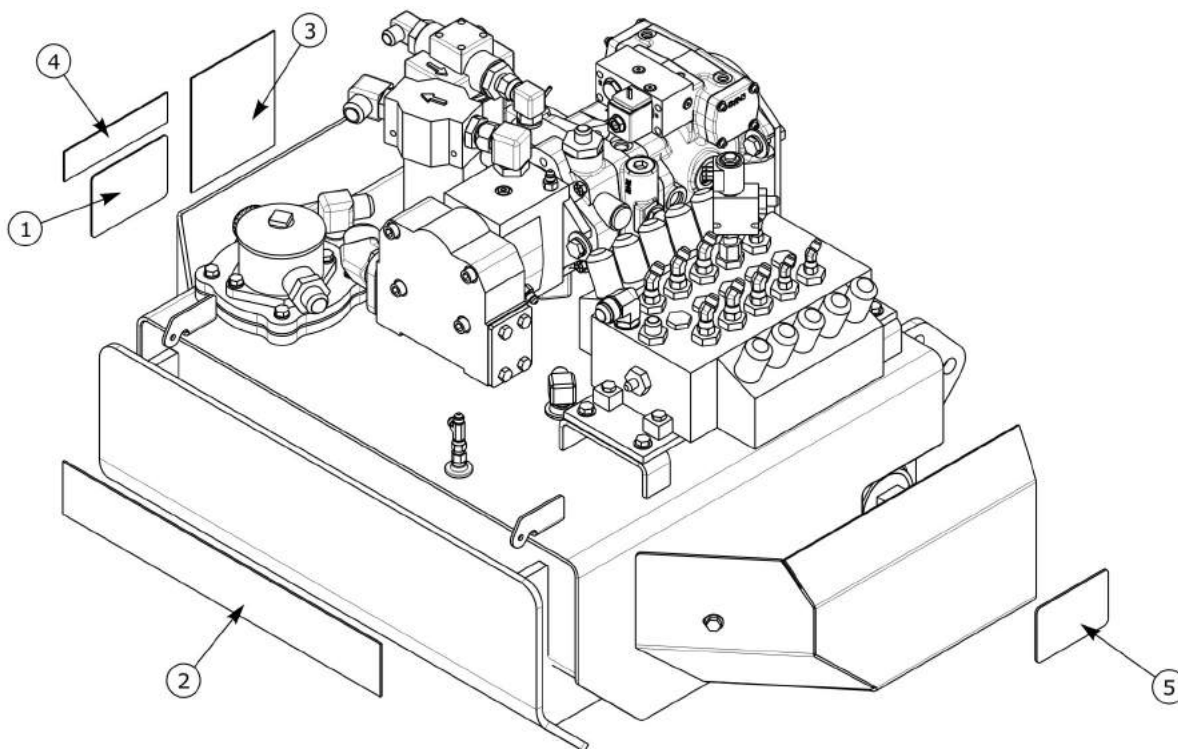
DECALS - 18-22-25 FT BOOM



ITEM	PART NO.	QTY.	DESCRIPTION
43	02962764	6	DECAL, PINCH POINT
59	02985831	2	DECAL, MACHETE 2 18'
	02984939	2	DECAL, MACHETE 2 22'
	02984940	2	DECAL, MACHETE 2 25'

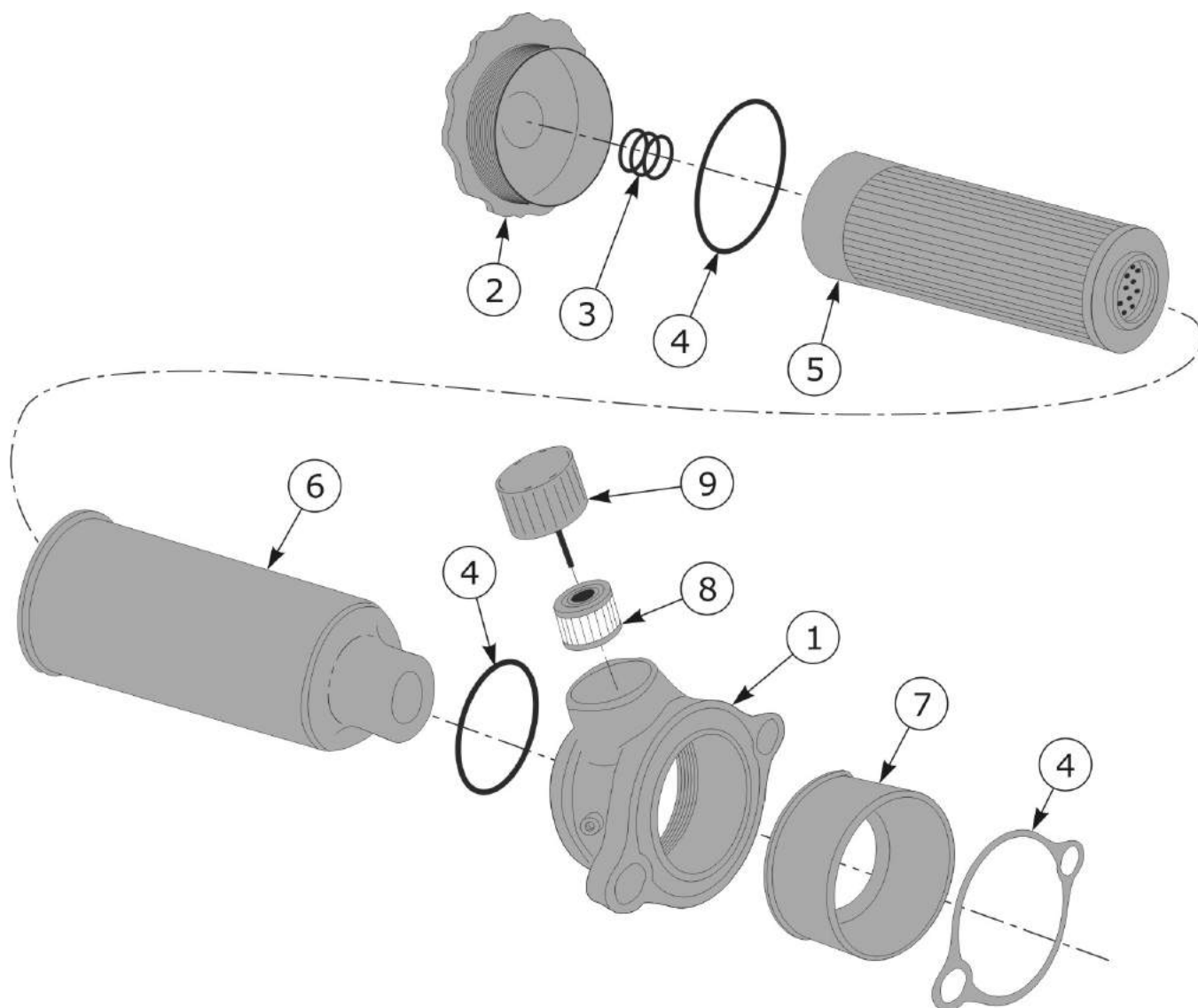
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DECALS - HYD TANK AND PUMP



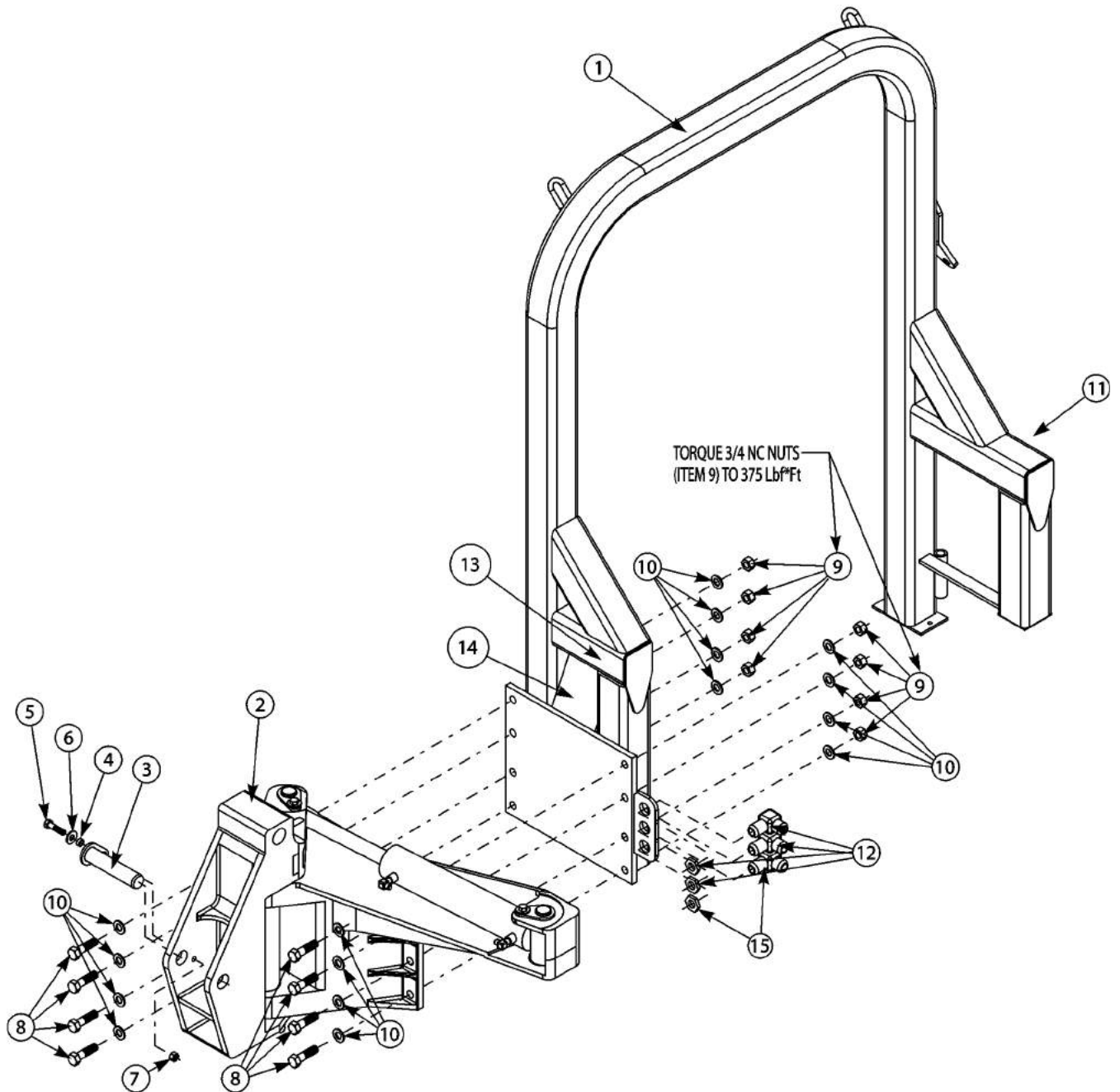
ITEM	PART NO.	QTY.	DESCRIPTION
1	02982828	1	DECAL, TEMP RANGE
2	02971943	1	DECAL, LOGO RECT CLEAR Y/W, 2 7/8 X 20
3	02965262	1	DECAL - WARNING - HOSE BURST
4	02971123	1	DECAL WARNING PRESS TANK
5	02987402	1	DECAL, VALVE LAYOUT M2

FILTER ASY



ITEM	PART NO.	QTY.	DESCRIPTION
	02985828	1	FILTER, RETURN
1	02981713	1	HEAD, FILTER RTB30
2	02981714	1	COVER, FILTER
3	02981715	1	SPRING, FILTER, ASY
4	02981716	1	KIT, SEAL, FILTER, RETURN
5	02981717	1	ELEMENT, FILTER, RETURN
6	02981718	1	BOWL, FILTER, RETURN
7	02981719	1	GUARD, FILTER, RETURN
8	02981720	1	BREATHER, ELEMENT, FILTER
9	02981721	1	COVER, BREATHER, FILTER
10	02987302	1	INDICATOR, FILTER BYPASS

HIGH FRAME MOUNT ASY - 2WD

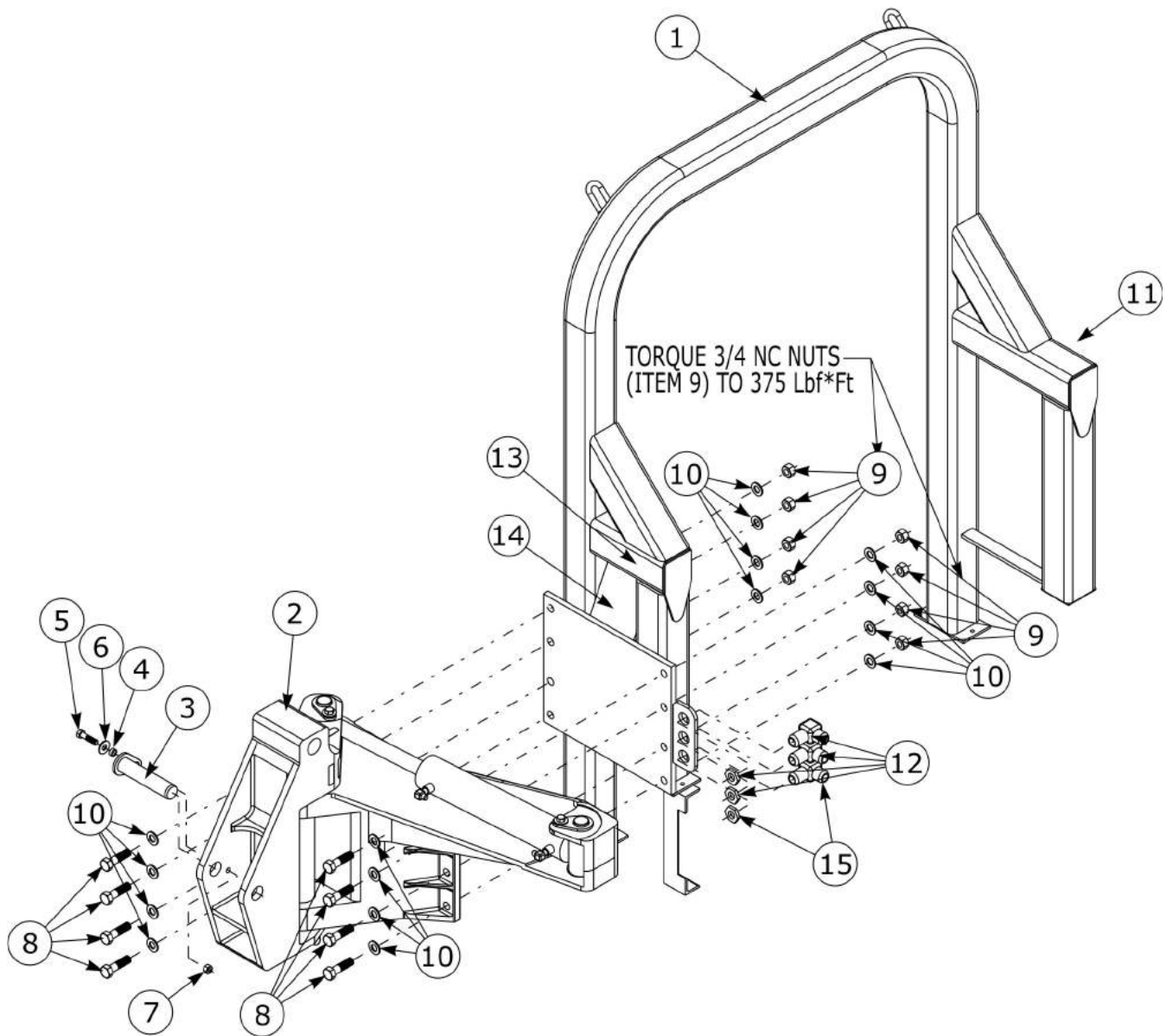


HIGH FRAME MOUNT ASY - 2WD

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 PLB
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
	02971703	1	WELDMENT, PIN - 14-15/16LG
	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
	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

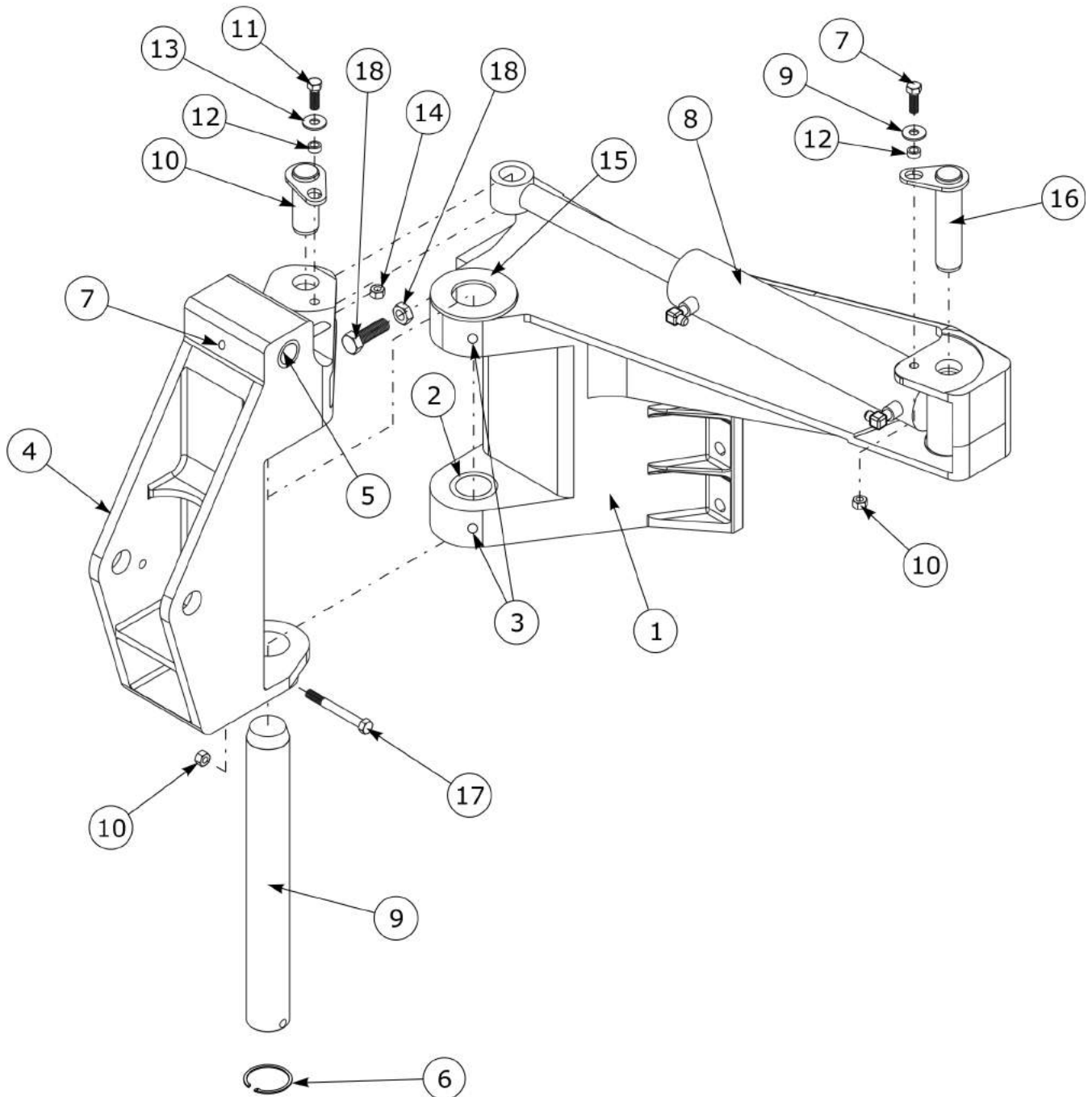


HIGH FRAME MOUNT ASY - 4WD

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 PLB
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
	02971703	1	WELDMENT, PIN - 14-15/16LG
	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
	02971701	1	NUT SLOT 1-3/8 12NF PLB
	165020	1	PIN, COTTER 5/16 X 2-1/2 PL

HIGH FRAME MOUNT SUB-ASY



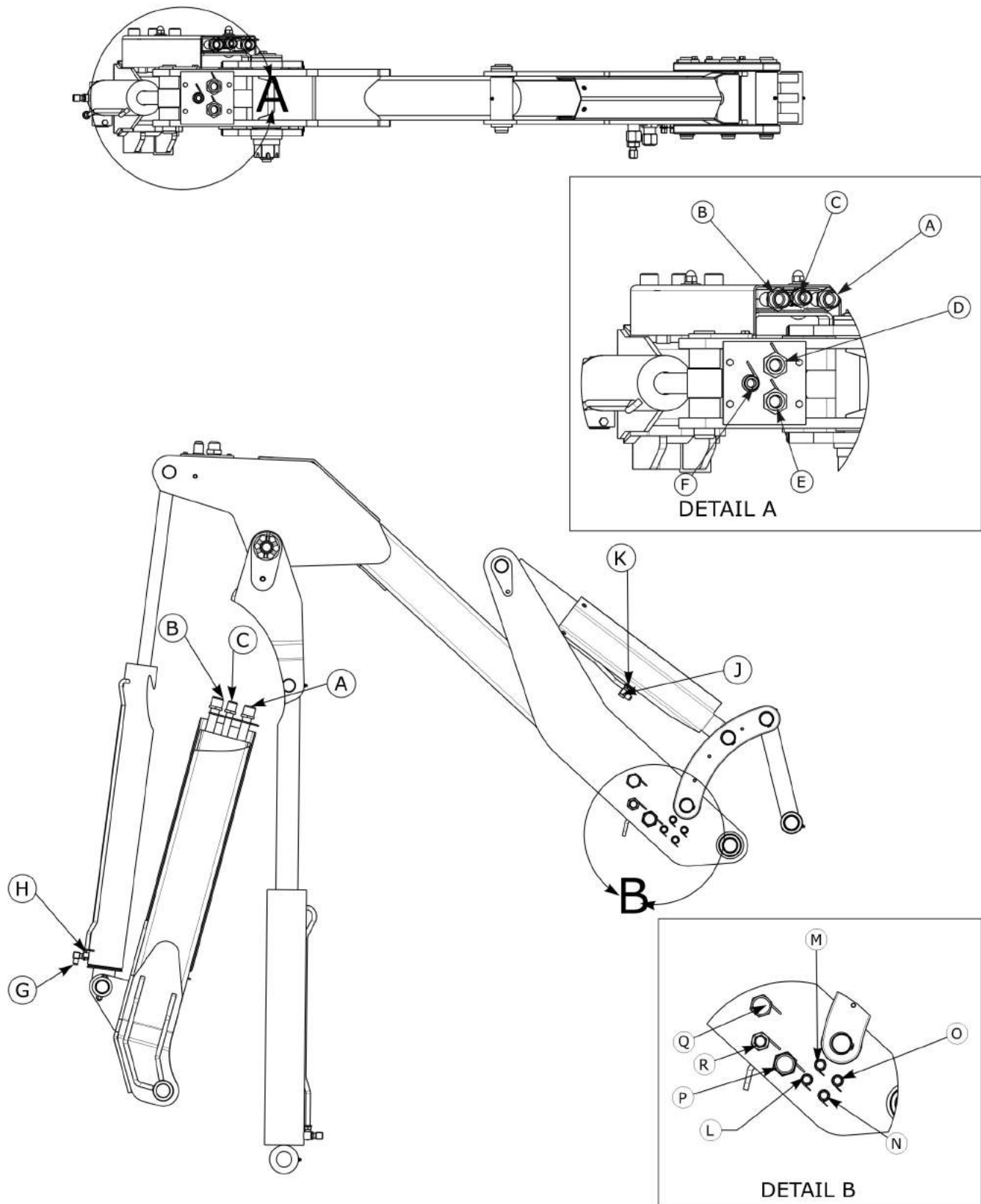
HIGH FRAME MOUNT SUB-ASY

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	02987636	2	BUSHING CONNEX 2-3/4 X2 -1/2X2
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	02975508	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 PLB
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

HOSE ROUTING - 18 FT BOOM

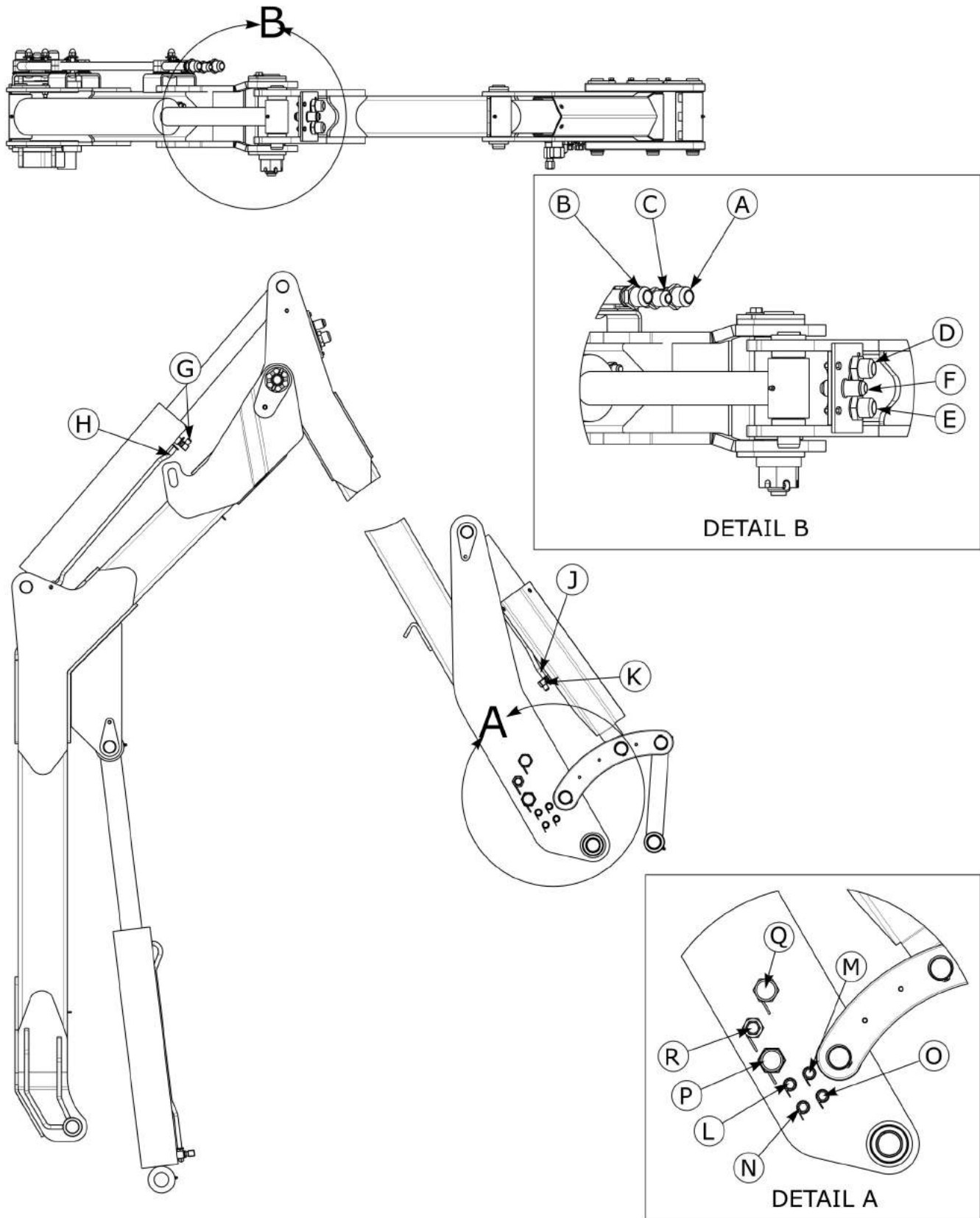


HOSE ROUTING - 18 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
02983346	TILT RED (LIFT)	N/A	02983350
02983347	TILT R/W (lift)	N/A	02983351
02983348	DOOR YELLOW (LIFT)	N/A	02983352
02983349	DOOR Y/W (LIFT)	N/A	02983353
02983531	SWIVEL GREEN (LIFT)	N/A	02983533
02983532	SWIVEL G/W (LIFT)	N/A	02983534
02983350	TILT RED (DIPPER)	02983346	J
02983351	TILT R/W (DIPPER)	02983347	K
02983352	DOOR YELLOW (DIPPER)	02983348	M
02983353	DOOR Y/W (DIPPER)	02983349	L
02983533	SWIVEL GREEN (DIPPER)	02983531	O
02983534	SWIVEL G/W (DIPPER)	02983532	N
02984267	DIPPER CYL BLUE	N/A	H
02984268	DIPPER CYL B/W	N/A	G
02984833	MOTOR PRESSURE	A	D
02984834	MOTOR RETURN	B	E
02984835	MOTOR CASE DRAIN	C	F
02986007	MOTOR PRESSURE	D	P
02986008	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
15	02984833	1	HOSE #16-16FJX-16FJX45-54LG
16	02984834	1	HOSE #16-16FJX-16FJX45-58-1/2
17	02984835	1	HOSE #12-12FJX-12FJX45-60-1/2
18	02986007	1	HOSE #16-16FJX-16FJX90-62-1/2
19	02986008	1	HOSE #16-16FJX-16FJX90-58-3/4
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

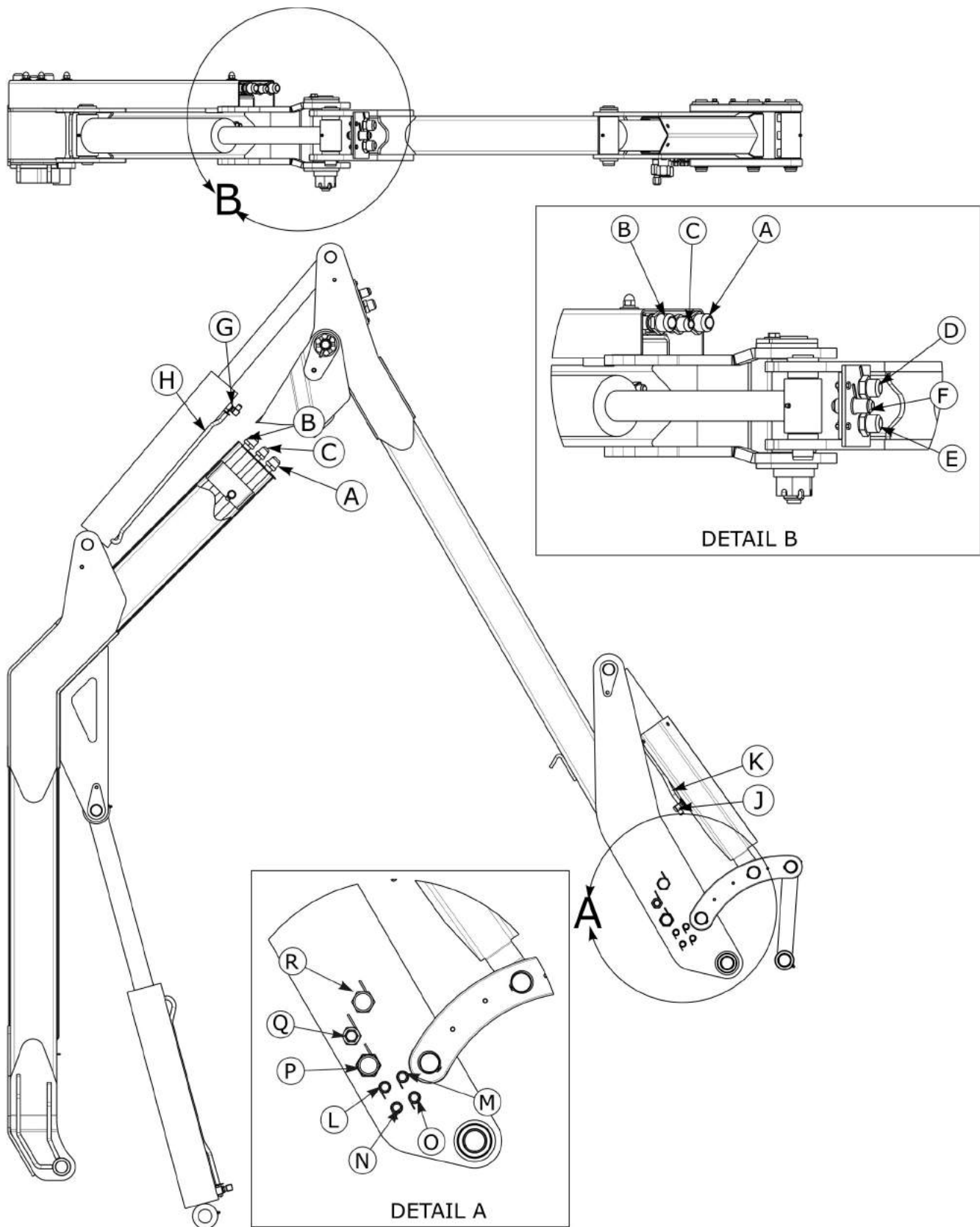


HOSE ROUTING - 22 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
02983178	DIPPER BLU	N/A	H
02983179	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
02986107	MOTOR PRESSURE	A	D
02986108	MOTOR RETURN	B	E
02986109	MOTOR CASE DRAIN	C	F
02986004	MOTOR PRESSURE	D	P
02986005	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	02986107	1	HOSE #16-16FJX-16FJX-62LG
16	02986108	1	HOSE #16-16FJX-16FJX-62LG
17	02986109	1	HOSE #12-12FJX-12FJX-62LG
18	02986004	1	HOSE #16-16FJX-16FJX90-69-7/8
19	02986005	1	HOSE #16-16FJX-16FJX90-65-1/2
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

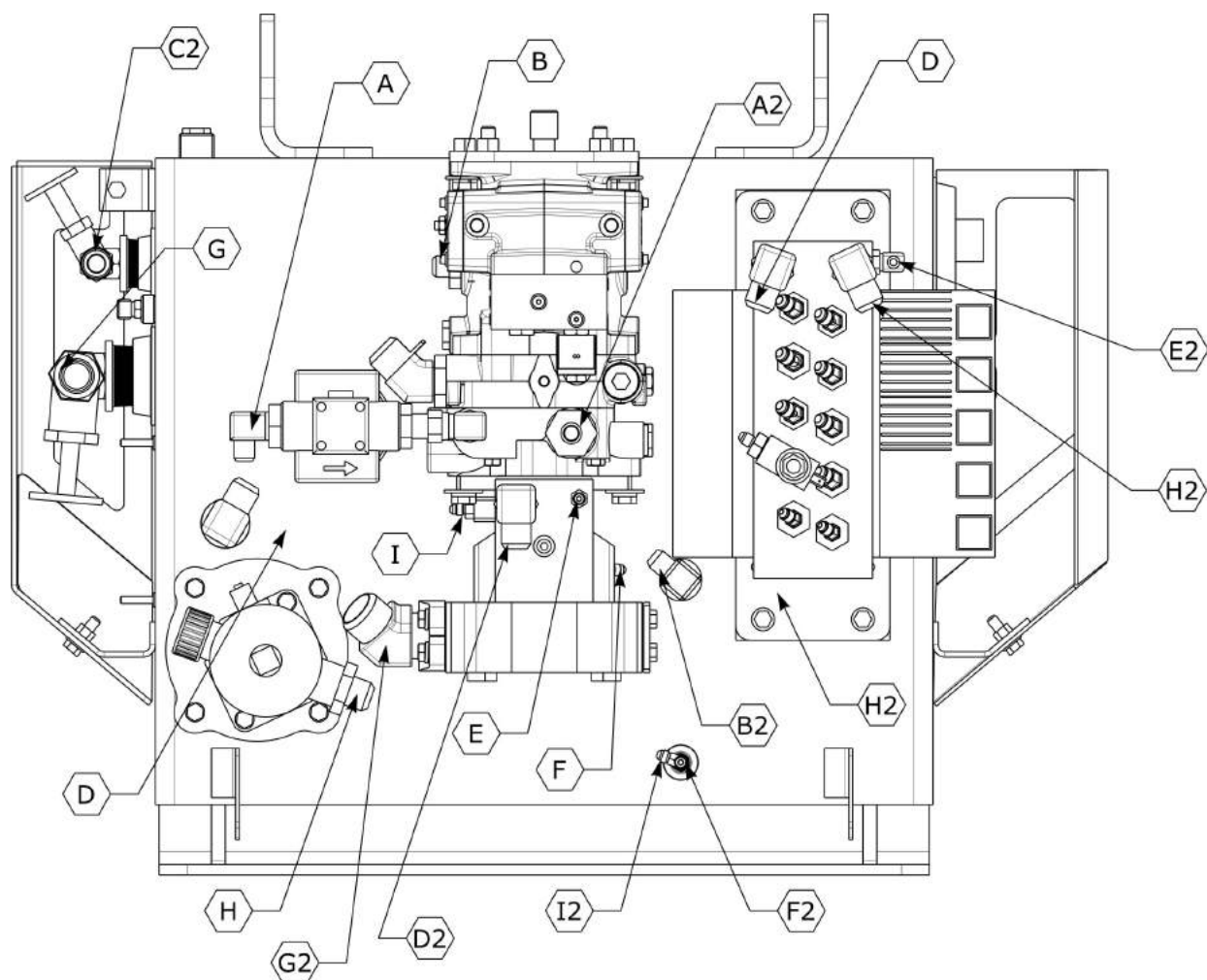


HOSE ROUTING - 25 FT BOOM NOTES

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	SWIVEL GREEN (LIFT)	N/A	02983501
02983506	SWIVEL 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	SWIVEL GREEN (DIPPER)	02983505	O
02983502	SWIVEL G/W (DIPPER)	02983506	N
02986107	MOTOR PRESSURE	A	D
02986108	MOTOR RETURN	B	E
02986109	CASE DRAIN	C	F
02986001	MOTOR PRESSURE	P	S
02986002	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	02986107	1	HOSE #16-16FJX-16FJX-62LG
16	02986108	1	HOSE #16-16FJX-16FJX-62LG
17	02986109	1	HOSE #12-12FJX-12FJX-62LG
18	02986001	1	HOSE #16-16FJX-16FJX90-88
19	02986002	1	HOSE #16-16FJX-16FJX90-83-5/8
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

HOSE ROUTING - HYDRAULIC KIT



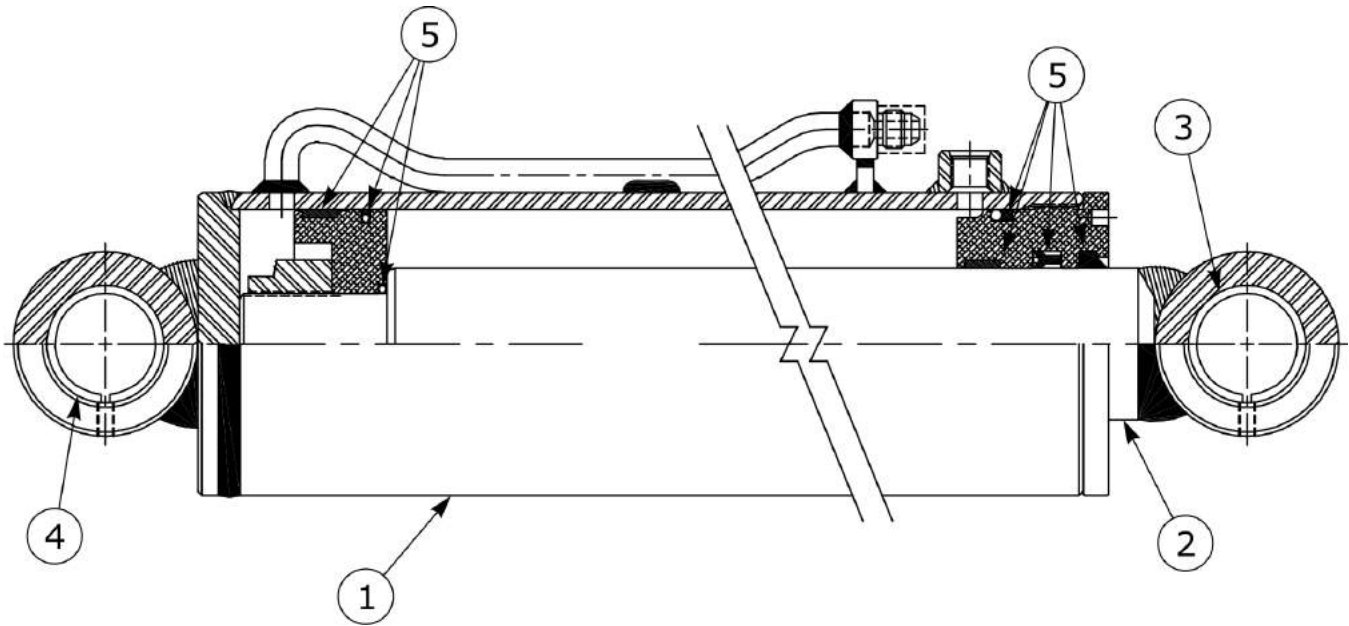
HOSE P/N	LOCATION	CONNECTION 1	CONNECTION 2
02981427	CHARGE FILTER TO PUMP	A (FJX)	A2 (FJX90)
02981428	CASE DRAIN TO TANK	B (FJX90)	B2 (FJX)
02981429	PUMP TO SUCTION FILTER	C (FJX) *SHEET 1	C2 (FJX)
02986726	PUMP TO VALVE SUPPLY	D (FJX)	D2 (FJX90)
02981431	PUMP LOAD SENSE TO VALVE	E (FJX90)	E2 (FJX)
02981432	PUMP REGULATOR TO TANK	F (FJX90)	F2 (FJX)
02981433	PUMP TO SUCTION FILTER	G (FJX)	G2 (FJX)
02987742	VALVE RETURN TO FILTER	H (FJX)	H2 (FJX)
02823600	AIR BLEED TO TANK	I (FJX) *SHEET 1	I2 (FJX)

HOSE ROUTING - HYDRAULIC KIT

Continued...

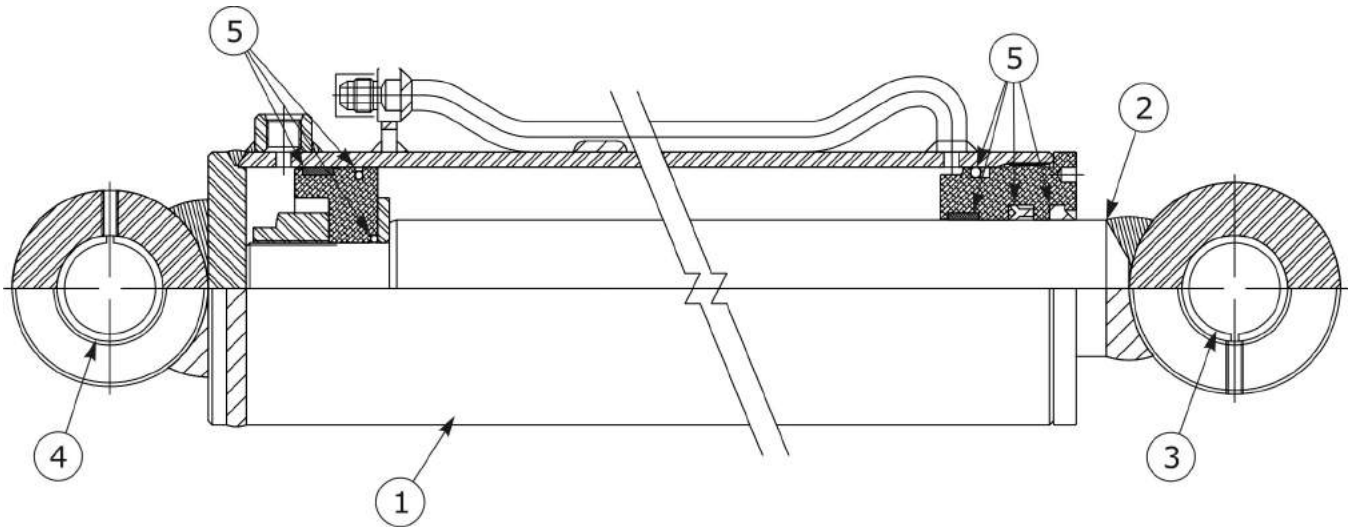
ITEM	PART NO.	QTY.	DESCRIPTION
1	02981427	1	HOSE #8-8FJX-8FJX90-24LG
2	02981428	1	HOSE #8-8FJX-8FJX90-21LG
3	02981429	1	HOSE #12-12FJX-12FJX-23LG
4	02986726	1	HOSE #12-12FJX-12FJX90-24LG
5	02981431	1	HOSE #4-4FJX-4FJX90-35LG
6	02981432	1	HOSE #4-4FJX-4FJX90-20LG
7	02981433	1	HOSE #20-20FJX-20FJX-24LG
8	02987742	1	HOSE #12-12FJX-12FJX 36LG
9	02823600	1	HOSE #4 - 4FJX - 4FJX - 28LG

HYDARULIC CYLINDER ASY - DIPPER 22-25 FT BOOM



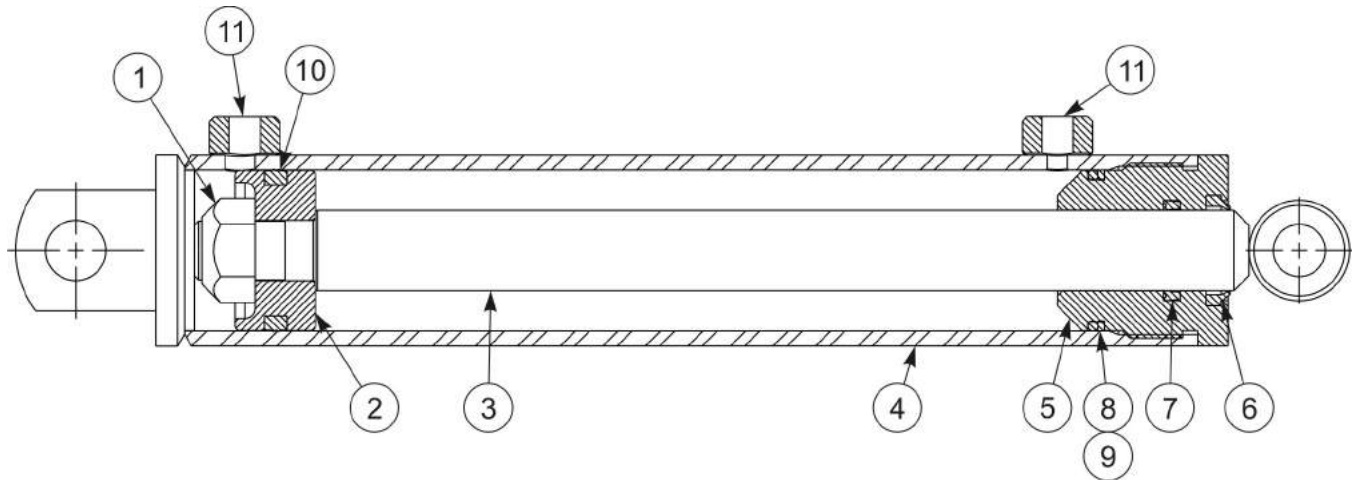
ITEM	PART NO.	QTY.	DESCRIPTION
	02981277	1	HYD CYL ASY, 4" BORE X 21.5" STROKE (22 & 25 FT BOOM)
1	02981925	1	BARREL WLDMT
2	02981926	1	ROD WLDMT
3	02982250	2	BUSHING, ROD END 1-1/2" LG
4	02982251	2	BUSHING, BARREL END 2" LG
5	02982068	1	SEAL KIT

HYDARULIC CYLINDER ASY - LIFT BOOM



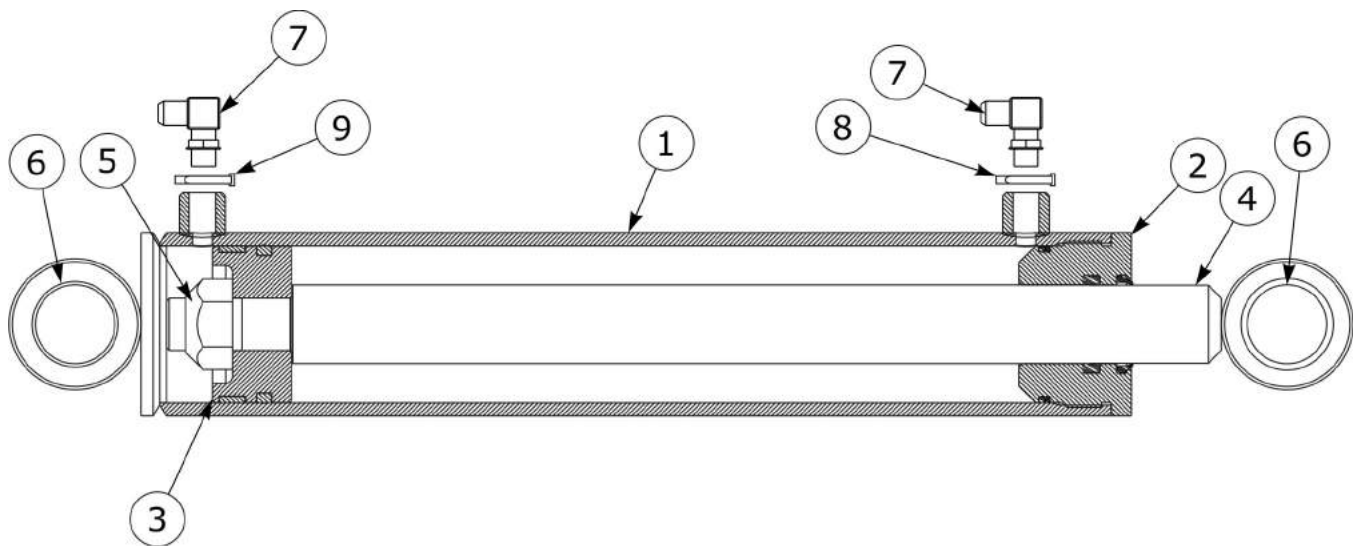
ITEM	PART NO.	QTY.	DESCRIPTION
	02981279	1	CYLINDER ASY, 4" BORE X 24.63" STROKE
1	02981929	1	BARREL WELDMENT
2	02981930	1	ROD WELDMENT
3	02982250	2	BUSHING, ROD END 1-1/2" LG
4	02982251	2	BUSHING, BARREL END 2" LG
5	02982068	1	SEAL KIT

HYDRAULIC CYLINDER ASY - HEAD SWIVEL (OPTIONAL)



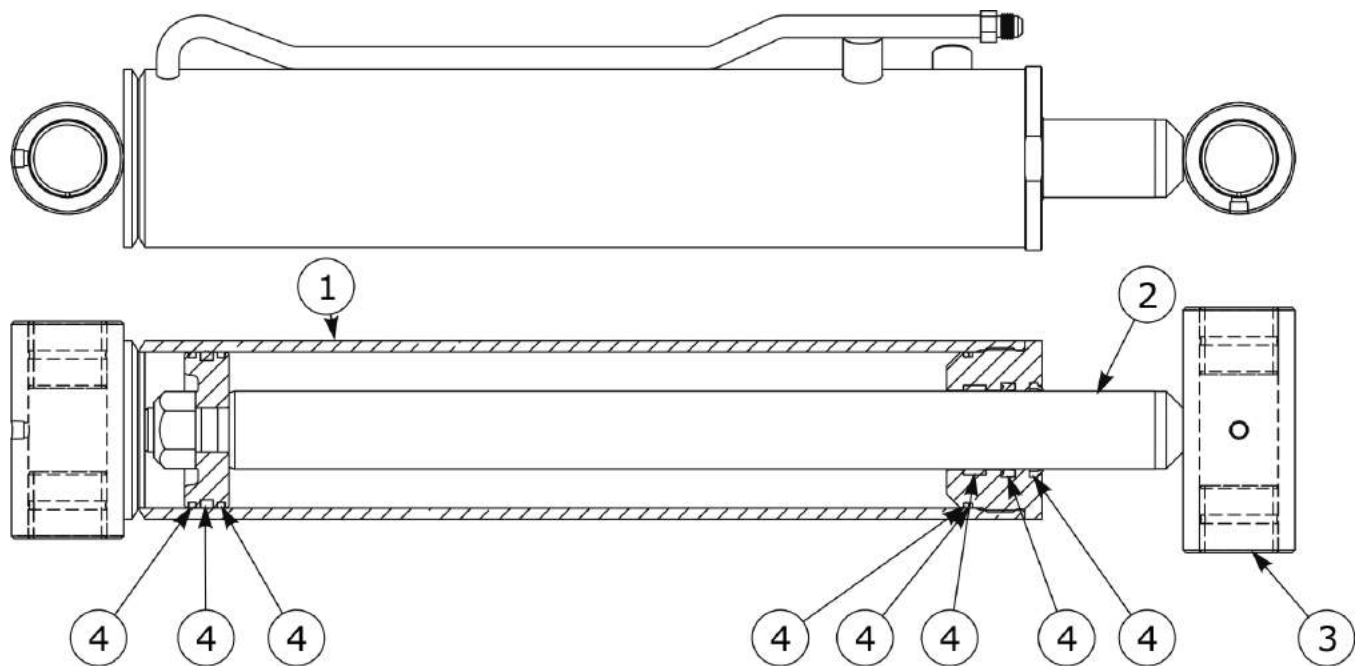
ITEM	PART NO.	QTY.	DESCRIPTION
	02961480A	1	DOOR CYLINDER ASY.
1	5JRC12160	1	LOCKNUT
2	33309	1	PISTON
3	02975865	1	ROD WLD'MT
4	02975866	1	TUBE / BARREL WLD'MT
5	02975867	1	CYLINDER HEAD
6	* SEAL KIT	1	ROD WIPER SEAL (IN ITEM 12)
7	* SEAL KIT	1	ROD SEAL (IN ITEM 12)
8	* SEAL KIT	1	O-RING (IN ITEM 12)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

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	PLASTIC TIE GRN 4"
9	02968833	1	PLASTIC TIE G/W 4LG
10	00752670	2	FITTING,GREASE STRAIGHT 1/4-28 (NOT SHOWN)
11	02975530	1	SEAL KIT (NOT SHOWN)

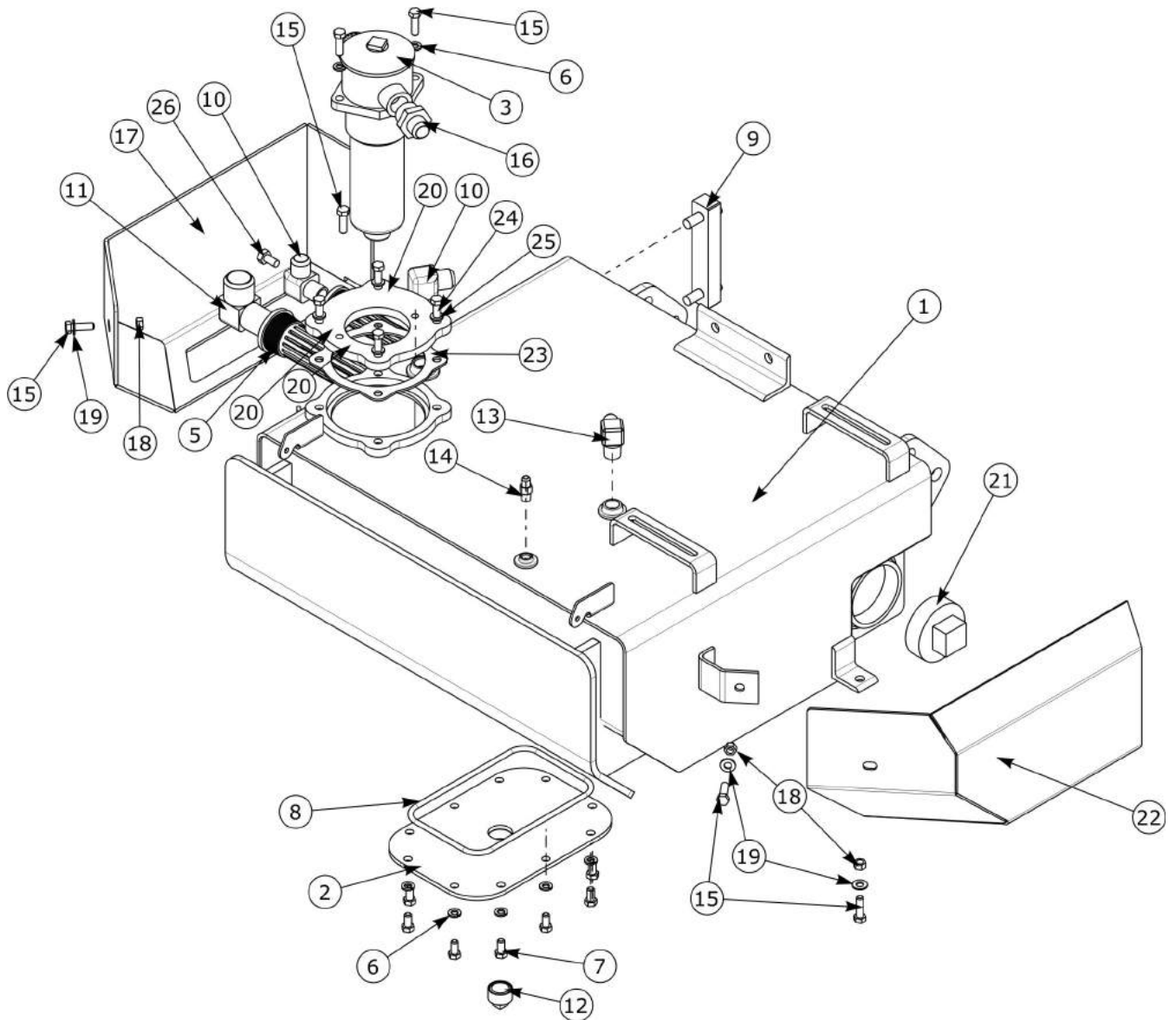
HYDRAULIC CYLINDER ASY - TILT



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

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HYDRAULIC TANK SUB-ASY

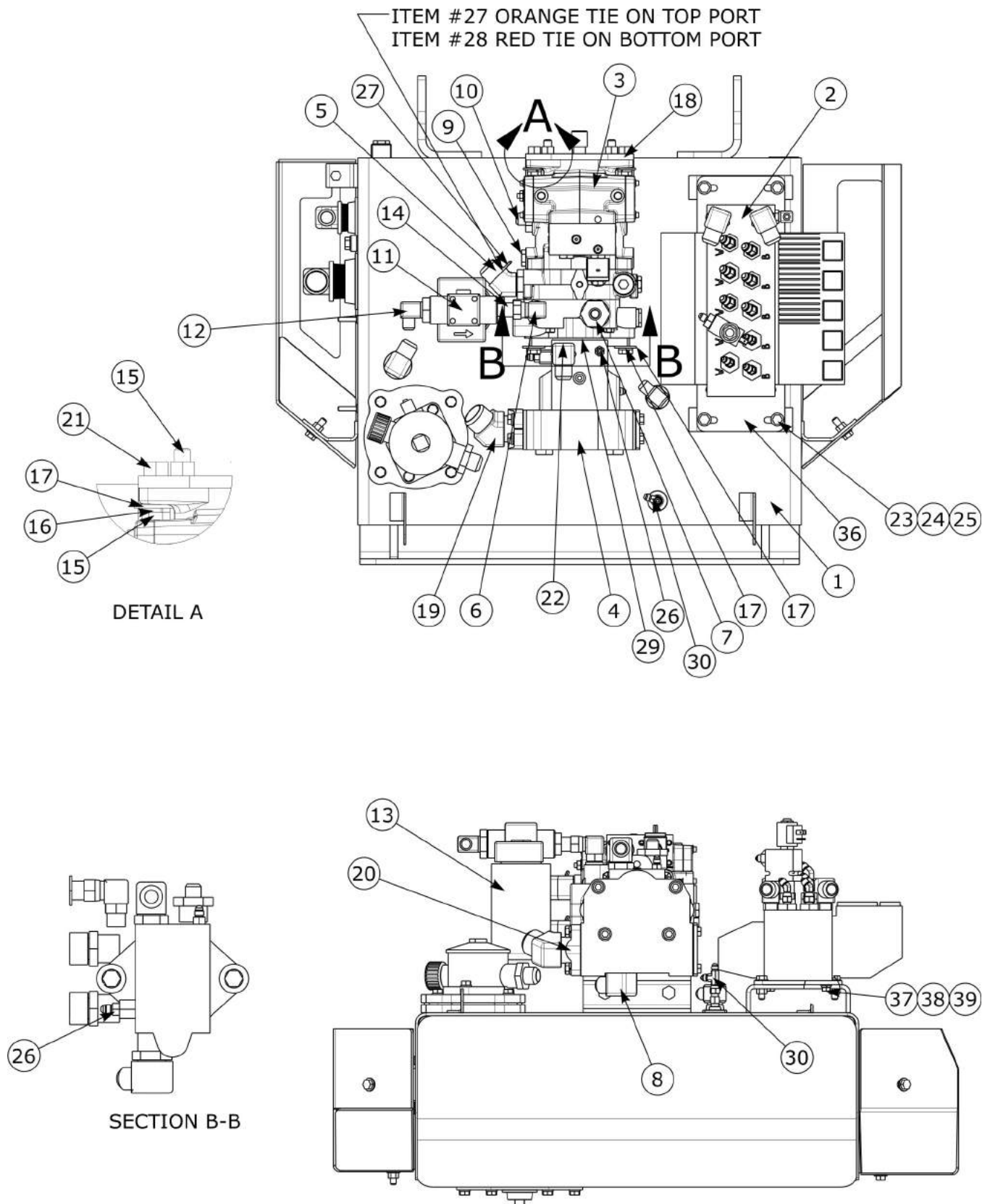


HYDRAULIC TANK SUB-ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987800	1	SUB-ASY HYDRAULIC TANK
1	02989139	1	TANK, WLDMT, HYD, DUAL PUMP
2	02981413	1	WELDMENT, COVER, CLEANOUT
3	02985828	1	FILTER, RETURN, VISUAL INDICATOR
4	02968166	1	STRAINER, SUCTION 1-1/4 WITH 3/4" OULET
5	02964345	1	STRAINER, SUCTION 2 WITH 1-1/4 OUTLET
6	00012101	12	LOCKWASHER, 3/8" PL
7	00002000	10	HHCS 3/8 NC 3/4 PL5
8	02981400	1	O-RING, CLEANOUT SEAL
9	02968880	1	GAUGE, TEMP LEVEL INDICATOR
10	02041800	2	ADP, HYD ELBOW 12MP - 12MJ 90
11	02958920	1	ADP, HYD ELBOW 20MP - 20MJ 90
12	02963659	1	PLUG, MAGNETIC 1" NPT
13	02825900	1	ADP, HYD 8MP - 8MJ 90
14	02823200	1	ADP, HYD 4MP - 4MJ ST
15	00753642	6	HHCS 3/8 NC 1-1/4 PL5
16	02958316	1	ADP, HYD 16MB - 12MJ ST
17	02981386	1	ASY, SHIELD FORMED
18	00015800	4	LOCKNUT TLM 3/8 NC PLC
19	00011100	4	FLATWASHER 3/8 STD
20	02982876	1	PLATE FILTER ADAPTER
21	02982877	1	PIPE PLUG 3"
22	02982871	1	DRIVER SIDE COVER WELDMENT
23	02963662	1	GASKET, FILTER ASY, FIBER
24	00011400	4	BOLT, HHCS 3/8 NC 1 PL5
25	03101646	4	HIGH ALLOY, L/W 3/8 YZ
26	02983378	1	HHCS M10-P1.0-20MM

HYDRAULIC TANK W/PUMP AND ELECT VALVE ASY

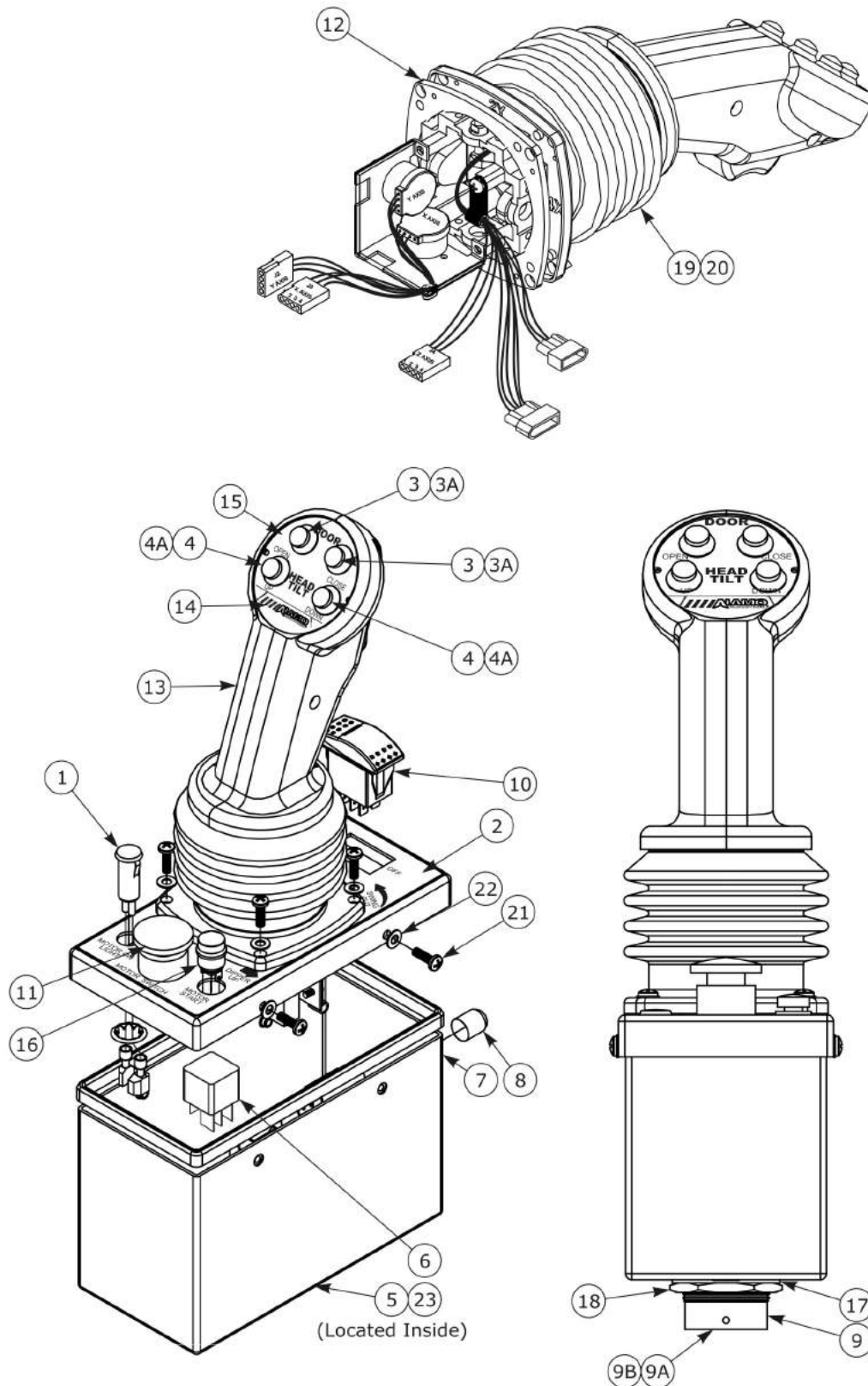


HYDRAULIC TANK W/PUMP AND ELECT VALVE ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987945	1	ASY, COMPLETE, TANK & VALVE
1	02987800	1	ASY, TANK, HYDRAULIC
2	02984219	1	ASY, VALVE & FITTINGS
3	02978986	1	PUMP, HYDROSTAT
4	02981369	1	PUMP, LS VARIABLE DISP
5	02043600	2	ADP, HYD ELBOW 16MB - 16MJ 45
6	02981435	1	ADP, HYD ELBOW 10MB - 10FJX 90
7	02968167	1	ADP, HYD 16MB - 8MJ ST
8	02822700	1	ADP, HYD ELBOW 16MB - 12MJ 90
9	03200587	1	ADP, HYD. 8MB PLUG
10	63042700	1	ADP, HYD ST 12MB - 8MJ
11	02968922	1	ASY, PRESSURE FILTER HEAD
12	02161400	1	ADP, HYD ELBOW 12MB - 8MJ 90
13	02968923	1	ELEMENT, PRESSURE
14	02981437	1	ADP, HYD ST 12MB - 10MJ
15	02892000	6	HHCS 1/2NC 1-1/2 LG PL8
16	00001300	4	HIGH ALLOY, L/W 1/2 YZ KG
17	00759635	4	FLATWASHER, 1/2 HARDENED
18	02981468	1	BRACKET, SHIPPING
19	02981463	1	FLANGE, ADP 1-1/4 X 20MJIC 45
20	00749103	1	#20 SPLIT FLANGE KIT
21	00001800	4	LOCKNUT TLM 1/2 NC PLB
22	02090800	1	ADP, HYD ELBOW 12MB - 12MJ 90
23	00753642	4	HHCS 3/8 NC 1-1/4 PL5
24	00011100	4	FLATWASHER 3/8 STD
25	00015800	4	LOCKNUT TLM 3/8 NC PLC
26	02962181	3	ADP HYD STGHT 4MB-4MJ
27	02968896	1	PLASTIC TIE, ORANGE, 11LG
28	02968894	1	PLASTIC TIE, RED, 11LG
29	02982469	1	O-RING 4"ID X 1/16"
30	02970702	1	ADP HYD TEE 4MJ-4MJ-4FJX
36	02983892	1	PLATE, ADP, PVG32
37	10119000	4	HHCS 5/16 NC 1 PL5
38	00011700	4	LOCKWASHER 5/16 PL STD
39	00023500	4	FLATWASHER 5/16, TYPE AW, ZP

JOYSTICK CONSOLE ASY

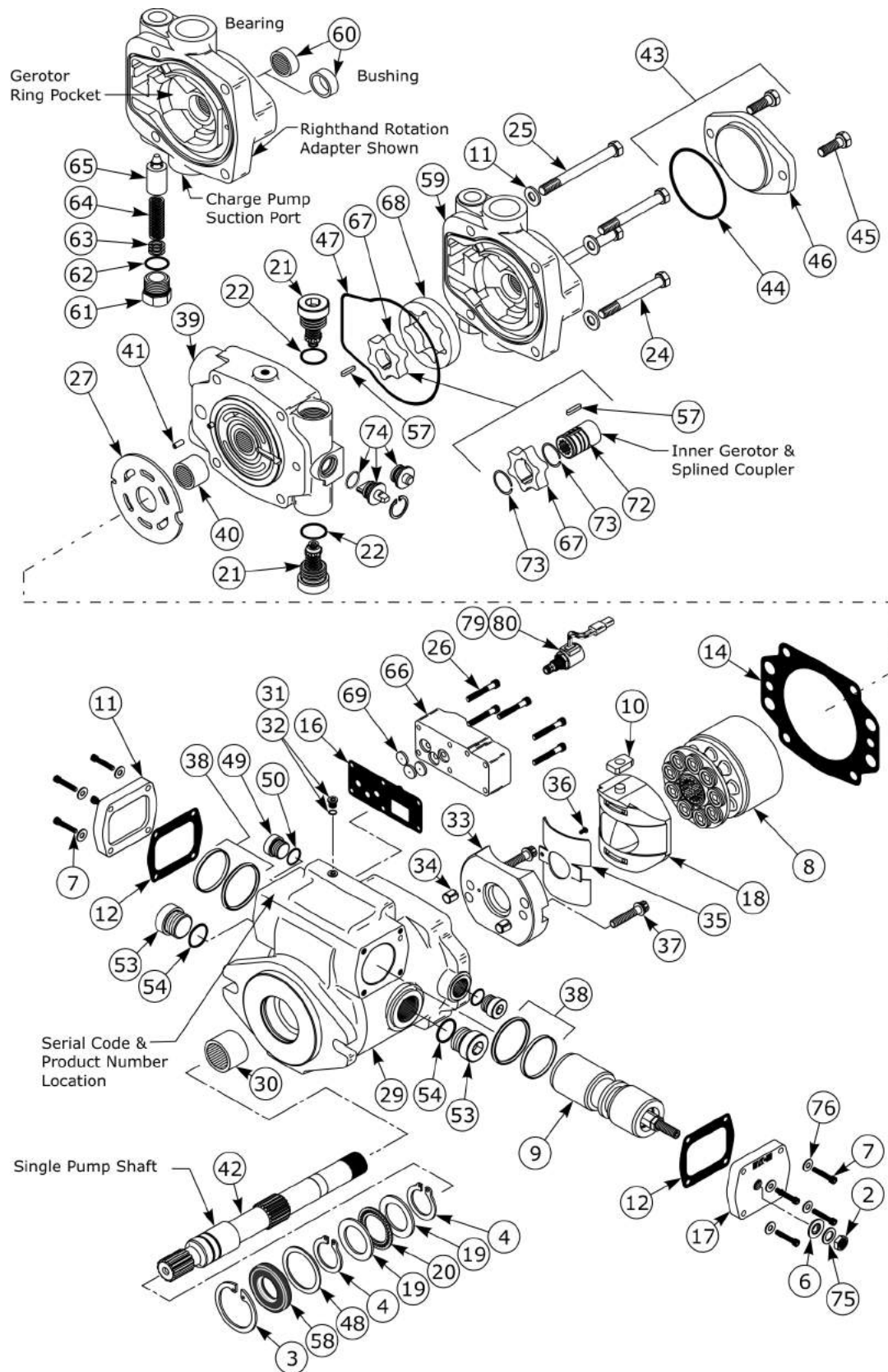


JOYSTICK CONSOLE ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02987829	1	JOYSTICK ASSEMBLY W/ COMPONENTS
1	02981020	1	LED RED 12VDC
2	02981021	1	DECAL JOYSTICK OPERATION CNSLE
3	02981022	2	SWITCH MOMNTRY PUSHBUTTON RED
3A	02983472	2	PUSH BUTTON COVER, RED
4	02981023	2	SWITCH MOMNTRY PUSHBUTTON BLK
4A	02983473	2	PUSH BUTTON COVER, BLACK
5	02981024	1	SOCKET RELAY
6	02981025	1	RELAY SPDT 12VDC 20A
7	02981026	1	CIRCUIT BREAKER 10A PANEL MNT
8	02981027	1	BOOT CIRCUIT BREAKER COVER
9	02977642	1	CONNECTOR RECEPTACLE
9A	02977645	17	PIN, 16-18 AWG
9B	02977646	4	PIN, 12AWG
10	02977643	1	NUT, PANEL - 24 SHELL SIZE
11	02981028	1	SWITCH PUSH PULL
12	02981029	1	JOYSTICK ASSEMBLY
13	02981031	1	HANDLE ASSEMBLY
14	02981032	1	DECAL SWITCH OPERATION HANDLE
15	02981033	1	ASSEMBLY PUSHBUTTON FACE PLATE
16	02981030	1	SWITCH MOMENTARY PUSHBUTTON
17	02977644	1	LOCKWASHER - 24 SHELL SIZE
18	02977043	1	SWITCH ROCKER DPDT W/GREEN LED
19	02983475	1	POTENTIOMETER - SWING
20	02983476	2	POTENTIOMETER - LIFT & DIPPER
21	02983477	8	MACHINE SCREW #10-32 5/8 LG.
22	02983478	8	WASHER #10 NYLON
23	02963584	1	LOCKNUT 8-32 PL
	02987905	1	TRIGGER SWITCH
	02991141	1	HARNESS,RESISTOR,DANFOSS VLV

PUMP ASY - SERVO CONTROLLED (PART 1)

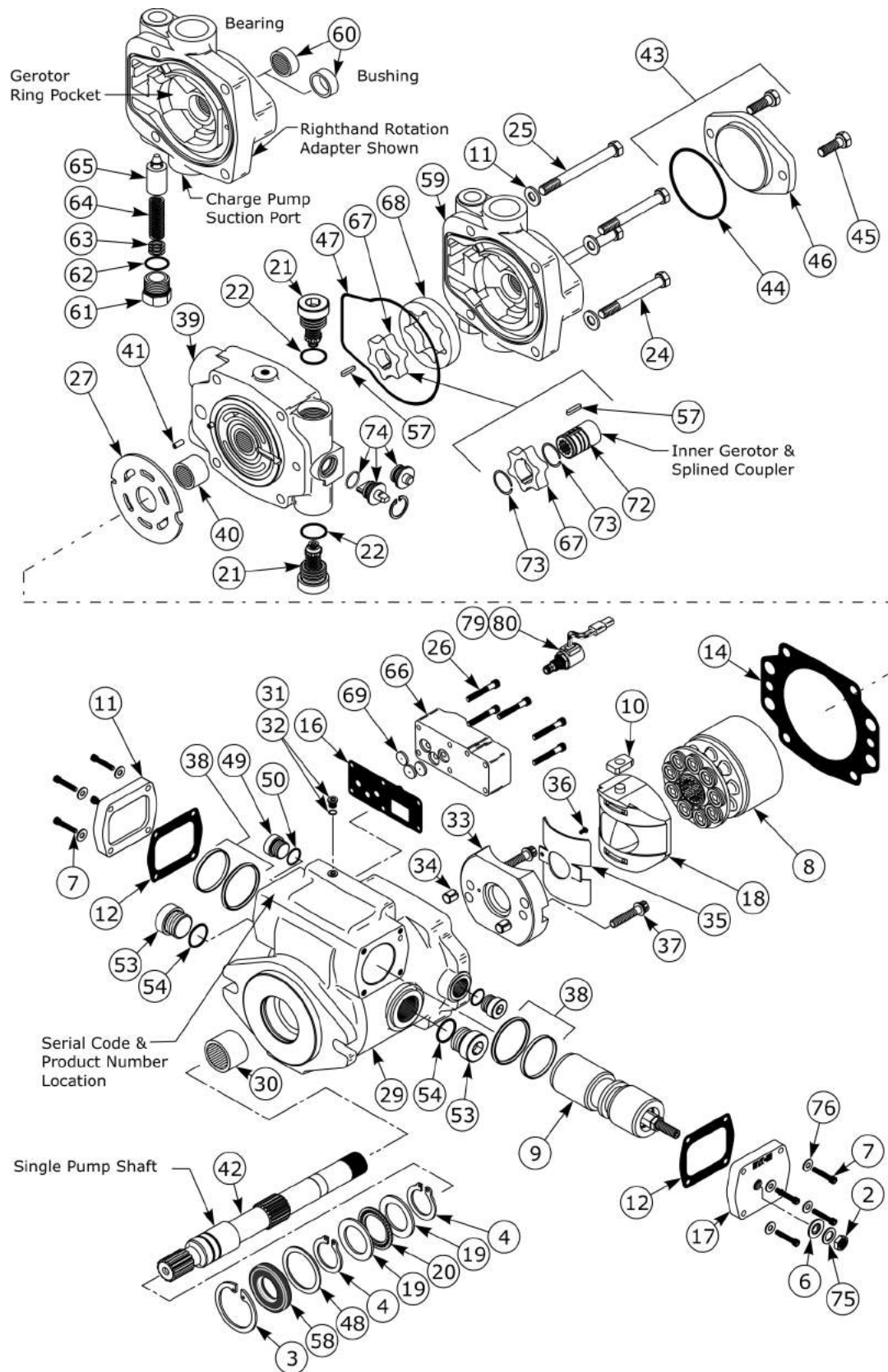


PUMP ASY - SERVO CONTROLLED (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02969527A	1	PISTON PUMP ASY, SERVO CONTROLLED
2	02977418	1	JAM NUT
3	02977419	1	RETAINING RING
4	02977420	2	RETAINING RING
6	02977421	1	SEAL WASHER
7	02977422	8	BOLT
8	02977423	1	ROTATING ASY
9	02977424	1	SERVO PISTON SUB-ASY
10	02977425	1	FOLLOWER, SERVO PISTON
11	02977426	1	COVER PLATE
12	02977427	2	GASKET, F/ COVER PLATE
14	02977428	1	GASKET, F/ HOUSING
16	02970209	1	GASKET, F/ CONTROL HOUSING
17	02977430	1	COVER PLATE
18	02977431	1	CAM PLATE SUB-ASY
19	02977432	2	RACE, THRUST
20	02977433	1	BEARING, THRUST
21	02977434	2	RELIEF VALVE SUB-ASY
22	02977539	2	O-RING
23	02977434	1	RELIEF VALVE SUB-ASY
24	02977436	2	BOLT
25	02977437	2	BOLT
26	02970208	6	BOLT
27	02989687	1	PLATE, VALVE
28	02977440	1	HOUSING, SUB-ASY
29	02989688	1	HOUSING
30	02977527	1	BEARING
31	02989689	1	PLUG, SUB-ASY
32	02977529	1	O-RING
33	02989690	1	CRADLE, SUB-ASY
34	02989691	2	DOWEL BUSHING
35	02989692	1	BUSHING, CRADLE
36	02977533	2	BOLT, BUTTON HEAD
37	02977534	2	BOLT
38	02977535	2	SEAL SUB-ASY
39	02977441	1	BACK PLATE SUB-ASY
40	02977536	1	BEARING, PRESS FIT
41	02977537	1	ROLL PIN
42	02989693	1	SHAFT, SPLINED DRIVE
43	02977551	1	KIT, A-FLANGE COVER PLATE
44	02977442	1	O-RING

PUMP ASY - SERVO CONTROLLED (PART 2)

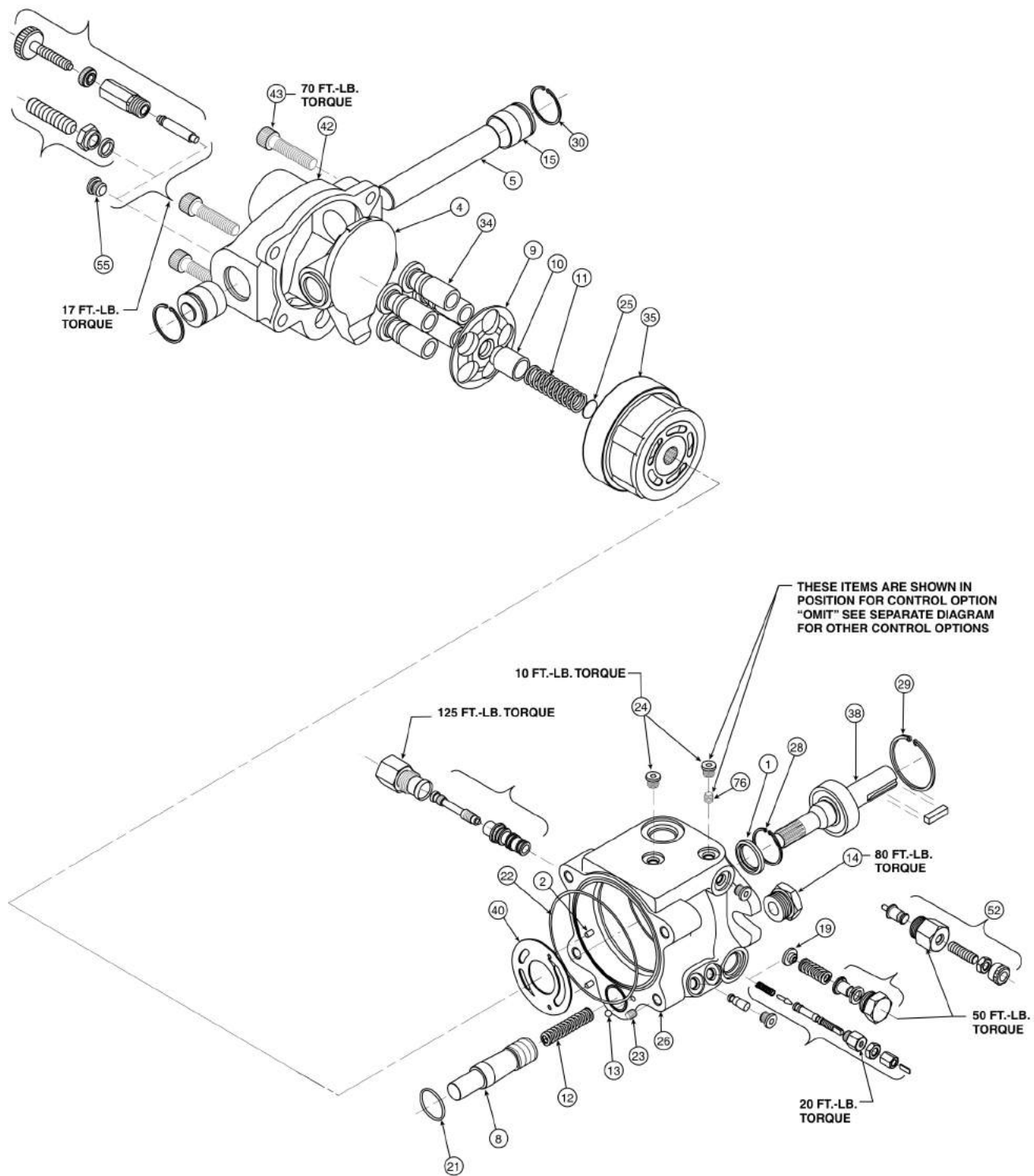


PUMP ASY - SERVO CONTROLLED (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
45	02977444	2	BOLT
46	02977449	1	PLATE, COVER
47	02977443	1	O-RING
48	02977445	1	WASHER
49	02989694	2	PLUG SUB-ASY
50	02977538	2	O-RING
53	02989695	2	PLUG
54	02977539	2	O-RING
57	02977448	1	KEY
58	02977199	1	SEAL, SHAFT
59	-----	1	CHARGE PUMP ADAPTER SUB-ASY
60	02977543	1	BUSHING, PRESS FIT, W/ 11 TOOTH SHAFT
61	02977544	1	PLUG
62	02977545	1	O-RING
63	02977546	1	SHIM
64	02977547	1	SPRING
65	02977548	1	POPPET
66	02970207A	1	2 POSITION SERVO CONTROL SUB-ASY
67	02977451	1	GEROTOR, INNER RING
68	02977452	1	GEROTOR, OUTER RING
69	02977453	3	ORIFICE, CONTROL VALVE
72	02977456	1	COUPLER
73	02977457	2	RETAINING RING
74	02977458	1	PLUG SUB-ASY
75	02977459	1	WASHER
76	02977460	8	WASHER
77	02977461	4	WASHER
78	02977462	1	RING LOCK (NOT SHOWN)
79	02983257	1	CARTRIDGE SOL VLV 3-WAY 2-POS
80	02983256	1	COIL 12VDC (ROUNDED)
	02977086	1	SEAL KIT - PUMP

PUMP ASY - VARIABLE DISPLACEMENT

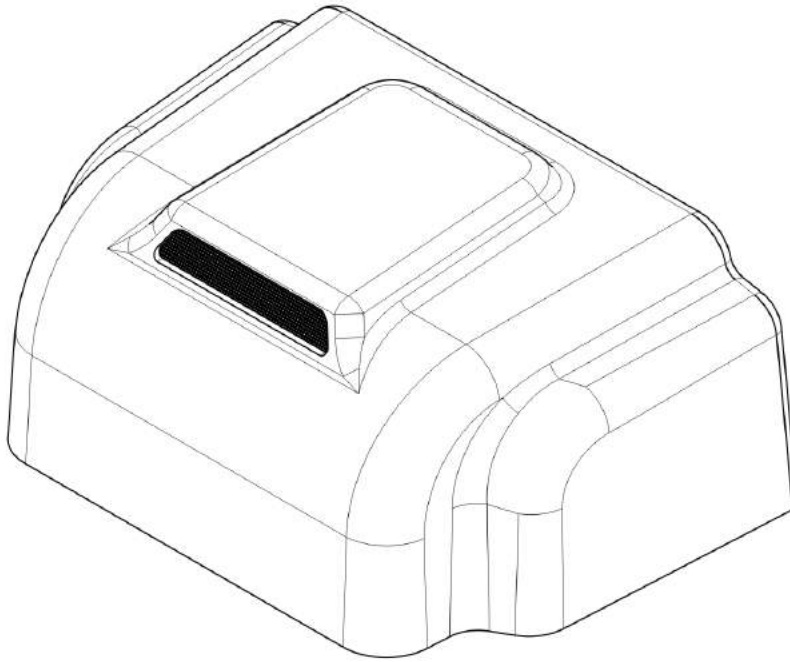


PUMP ASY - VARIABLE DISPLACEMENT

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981369	1	PUMP, LS VARIABLE DISP
1	02989619	1	SEAL, SHAFT, PAVC PUMP
2	02989620	2	PLATE, PIN-PORT, PAVC PUMP
4	02989621	1	PLATE, SWASH, PAVC PUMP
5	02989622	1	TRUNNION PIN, PAVC PUMP
6	02989623	2	SCREW, DRIVE, PAVC PUMP
8	02989624	1	SERVO PISTON, PAVC PUMP
9	02989625	1	RETAINER, PAVC PUMP
10	02989626	1	BALL, SEAT, PAVC PUMP
11	02989627	1	SPRING BARREL, PAVC PUMP
12	02989628	1	SPRING, SERVO, PAVC
13	02989629	1	BALL, PAVC PUMP
14	02989630	1	ASY, PLUG, SERVO, PAVC
15	02989631	2	ASY, CAP, TRUNNION
19	02989632	1	SPRING, RETAINER
22	02989634	1	O-RING, PAVC PUMP
24	02989635	2	PLUG, PAVC PUMP
	02989636	1	PLUG, PAVC PUMP
25	02989637	1	RETAINER, PAVC PUMP
26	02989638	1	BUSHING, BARREL, PAVC
28	02989639	1	SNAP RING, PAVC33 PUMP
29	02989640	1	SNAP RING, PAVC33 PUMP
30	02989641	2	SNAP RING, PAVC33 PUMP
38	02989644	1	ASY, SHAFT, SPLINE, PAVC33
40	02989651	1	PLATE, PORT, CCW, PAVC
41	02989652	1	HSG, LH, PAVC33 PUMP
42	02989645	1	HSG, TRUNNION, PAVC33
43	02989646	4	SCREW, CAP, PAVC33
46	02989647	2	SCREW, HEX HEAD, PAVC33
47	02989648	2	LOCKWASHER, PAVC33 PUMP
48	02989649	1	FLANGE, PAVC33 PUMP
49	02989633	1	O-RING, PAVC PUMP
50	02989653	1	ASY, DIFF, NON ADJ, PAVC33
55	02989650	1	PLUG, PAVC33 PUMP
76	02989654	1	PLUG, ORIFICE
	02989642	5	ASY, PISTON, PAVC33
	02989643	1	BARREL, PAVC33 PUMP
	02989655	1	KIT, SEAL, PAVC33 PUMP

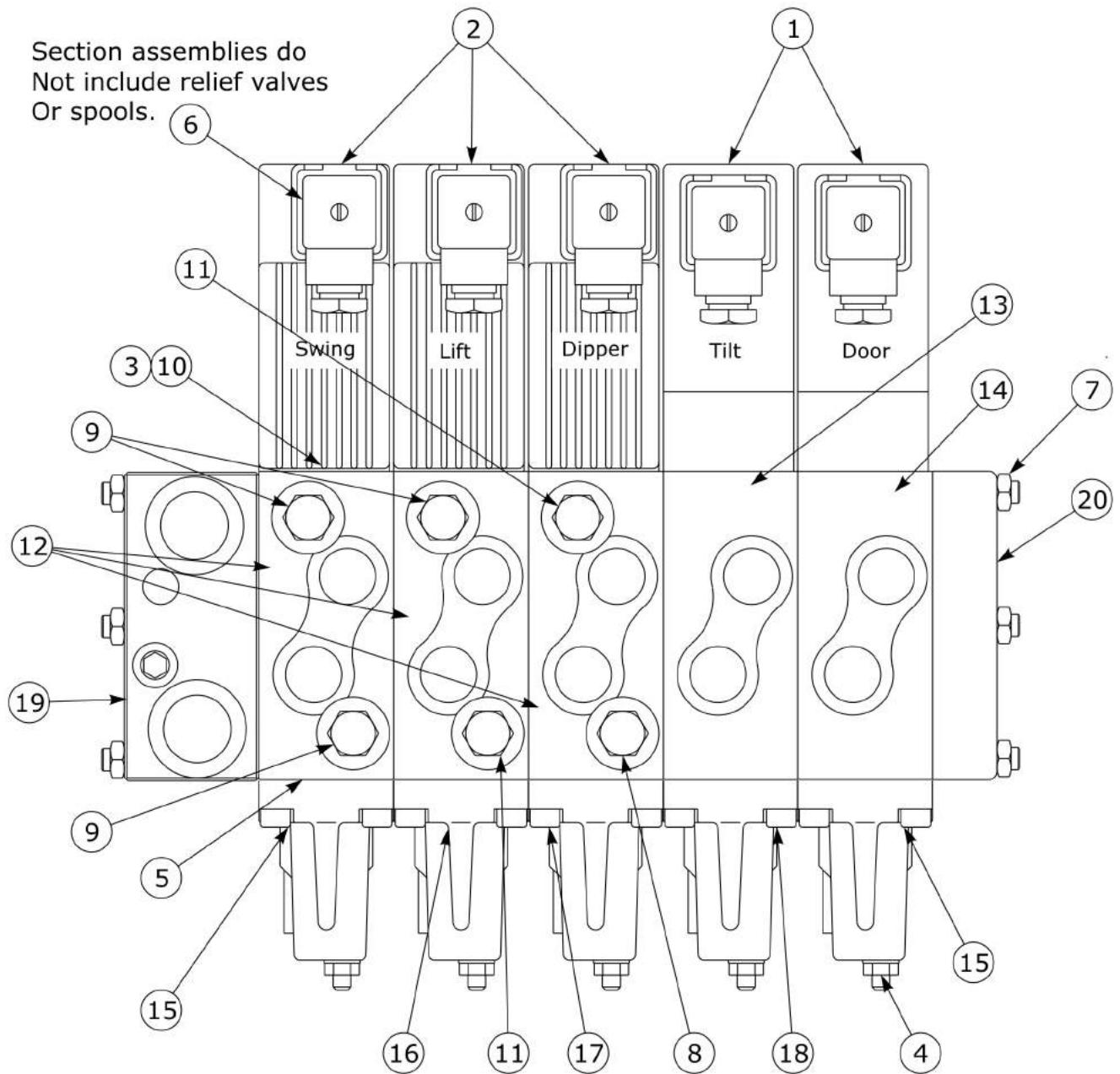
PUMP-TANK-VALVE COVER



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

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VALVE - PARTS - OPEN & CLOSED CENTER

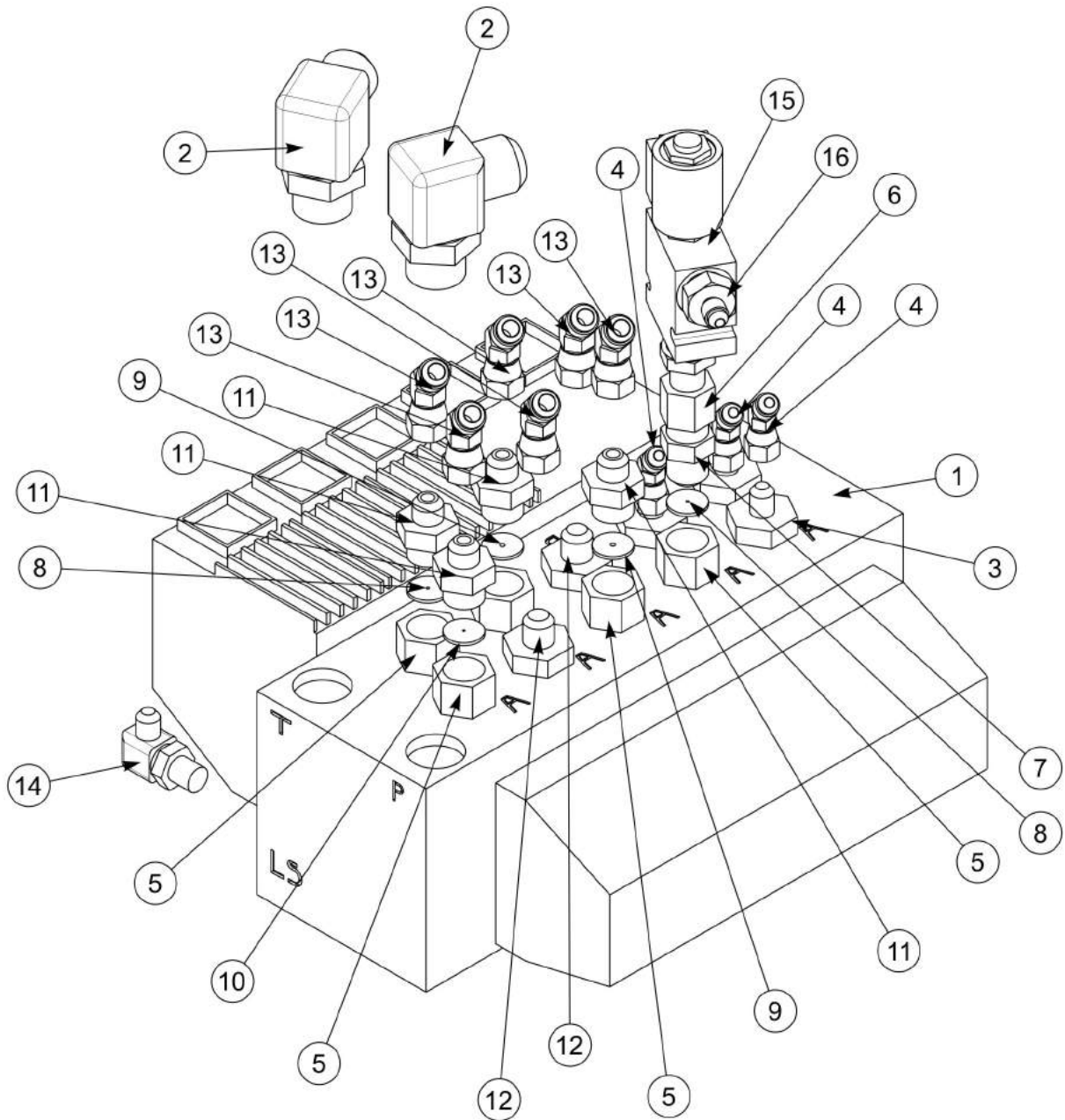


VALVE - PARTS - OPEN & CLOSED CENTER

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02971378	1	VALVE ASY, CCLS
1	02974004	2	ELECTRIC MODULE, DOOR & TILT
2	02974005	3	ELECTRIC MODULE, SWING LIFT & DIPPER
3	02974027	5	SEAL KIT, MODULE TO VALVE SECTION
4	02974838	5	HANDLE MODULE
5	02975950	5	SEAL KIT, HANDLE TO VALVE SECTION
6	02976024	5	CONNECTOR GASKET
7	02977032	1	VALVE ASY KIT (W/ TIE BOLTS & SEAL)
8	02977414	1	RELIEF VALVE, 2755 PSI
9	02977745	3	RELIEF VALVE, 2030 PSI
10	02977851	20	BOLT
11	02977957	2	RELIEF VALVE
12	02980656	3	SECTION,BARE,SWING,LIFT,DIPPER
13	02980657	1	SECTION,BARE, TILT
14	02980658	1	SECTION,BARE, DOOR
15	02980659	2	SPOOL, SWING OR DOOR
16	02980660	1	SPOOL, LIFT
17	02980661	1	SPOOL, DIPPER
18	02980662	1	SPOOL, TILT
19	02980663	1	SECTION, INLET (CCLS)
20	02980665	1	SECTION, END CAP

VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE

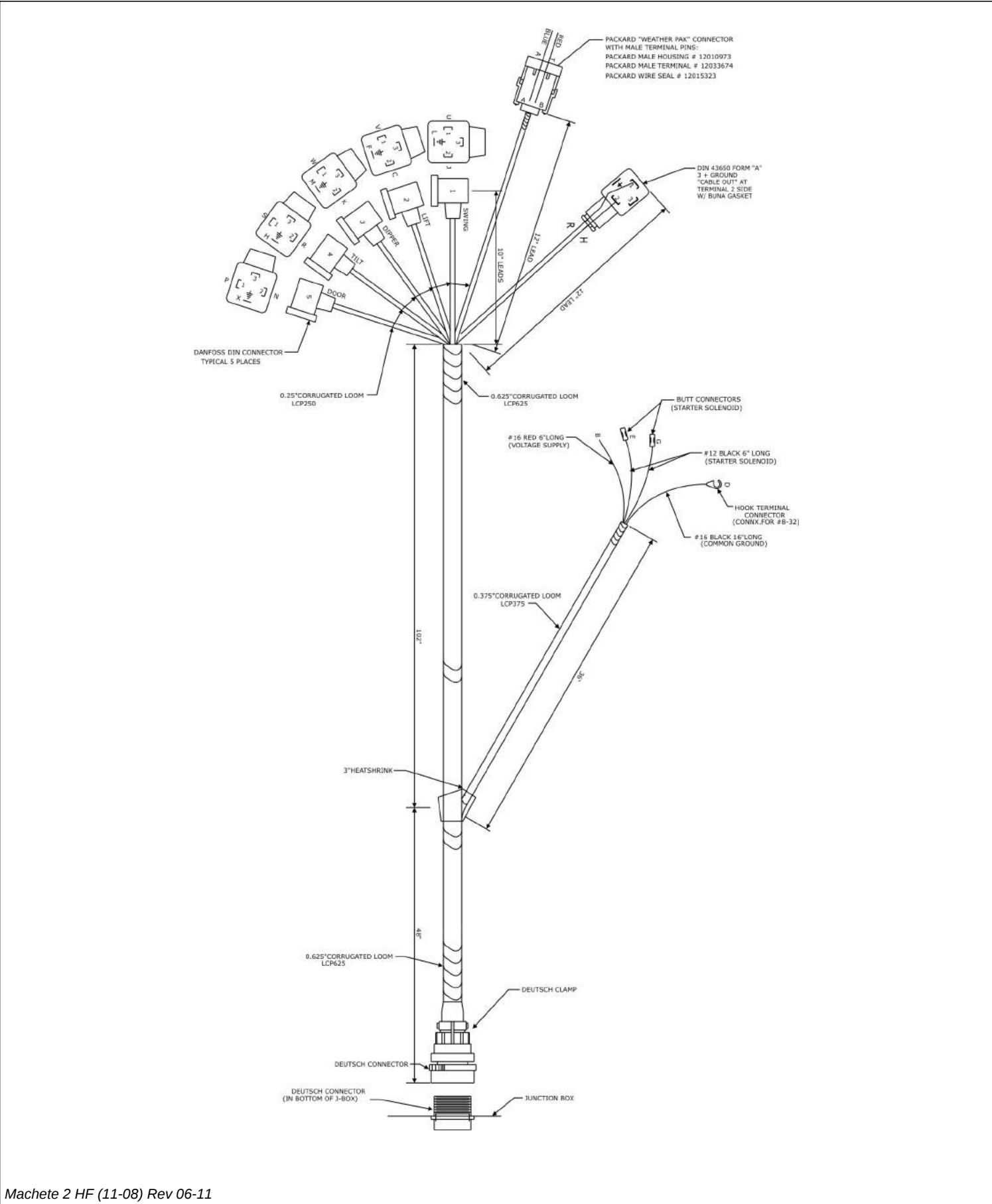


VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02984219	1	ASY, VALVE & FITTINGS
1	02971378	1	VALVE, PVG32 O-CTR
2	02090800	2	ADP, HYD ELBOW 12MB - 12MJ 90
3	02972179	3	ADP, HYD ST 10MB - 4MJ
4	02976532	3	ADP, HYD, 4MJ-4FJX 45
5	02972113	5	ADP, HYD 10MB - 8FB
6	02975438	1	ADP, HYD STGHT 8FJX-8MB
7	00696800	1	ADP HYD STGHT 8MB-8MJ
8	02969398	2	ORIFICE, .055 RESTRICTOR
9	02988583	2	ORIFICE, .094 RESTRICTOR
10	02969399	1	ORIFICE, .040 RESTRICTOR
11	02968850	4	ADP, HYD ST 8MB-6MJ
12	02972177	2	ADP, HYD ST 10MB - 6MJ
13	02976531	6	ADP HYD ELBOW 6MJ-6FJX 45
14	02972178	1	ADP, HYD ELBOW 12MB - 8MJ 90
15	02972208A	1	ASY, VALVE SOLENOID
16	02822300	1	ADP, HYD ST 8MB-4MJ

WIRE HARNESS ELECT-HYD VALVE



WIRE HARNESS ELECT-HYD VALVE

Continued...

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



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

