



**Terrain King**  
1502 E WALNUT ST  
SEGUIN TX 78155-5202  
800-882-5756

Rev 05-22

Part No. 37002988394

# KB1800 & KB2200

## Parts Manual



 MEMBER OF THE  
ALAMO GROUP  
ALWAYS ON THE CUTTING EDGE®

### ¡ATENCIÓN! LEA EL INSTRUCTIVO



Si No Lee Ingles, Pida  
Ayuda a Alguien  
Que Se 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 Terrain King 800-882-5756 to obtain a Free copy before operating the equipment.

# TO THE OWNER/OPERATOR/DEALER

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

**BEFORE YOU START!!** Read the safety messages on the implement and shown in your manual.

Observe the rules of safety and common sense!



## WARRANTY INFORMATION:

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

# BOLT TORQUE

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

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

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

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

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

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

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

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

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

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

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

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

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

# **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 Terrain King 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:



**Terrain King**  
1502 E WALNUT ST  
SEGUIN TX 78155-5202  
800-882-5756



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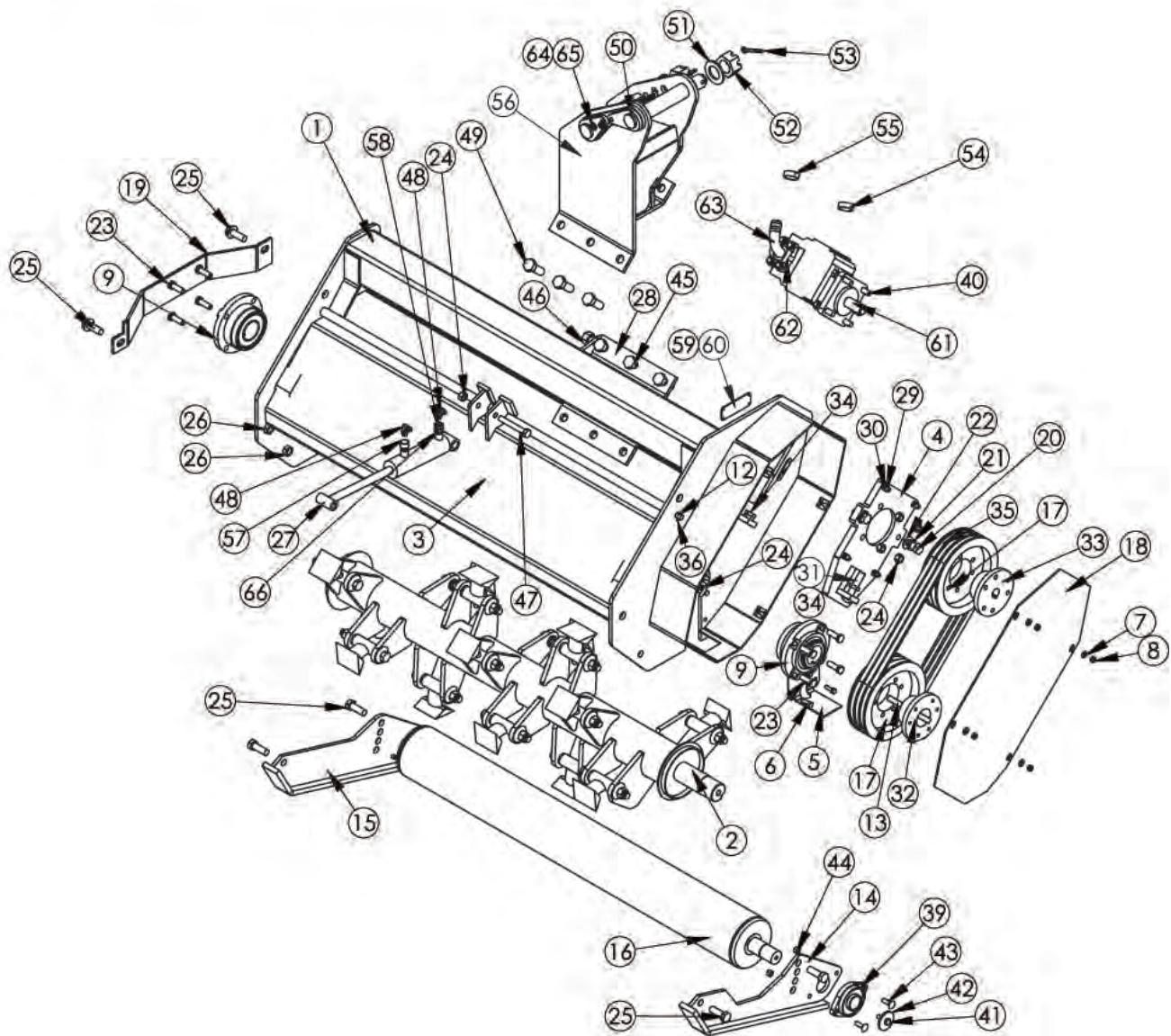
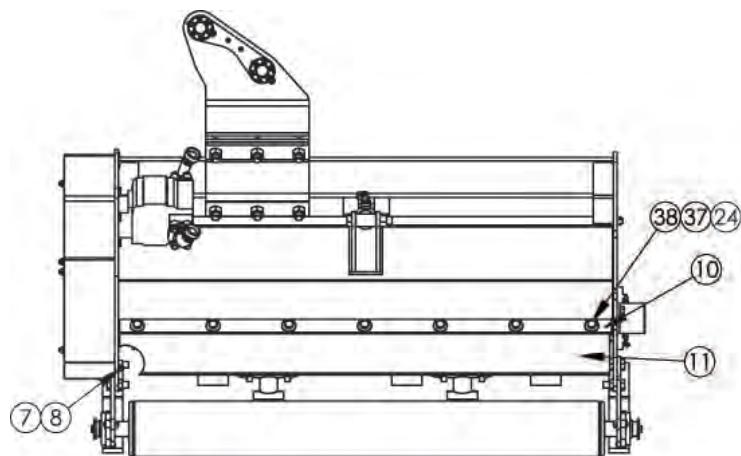
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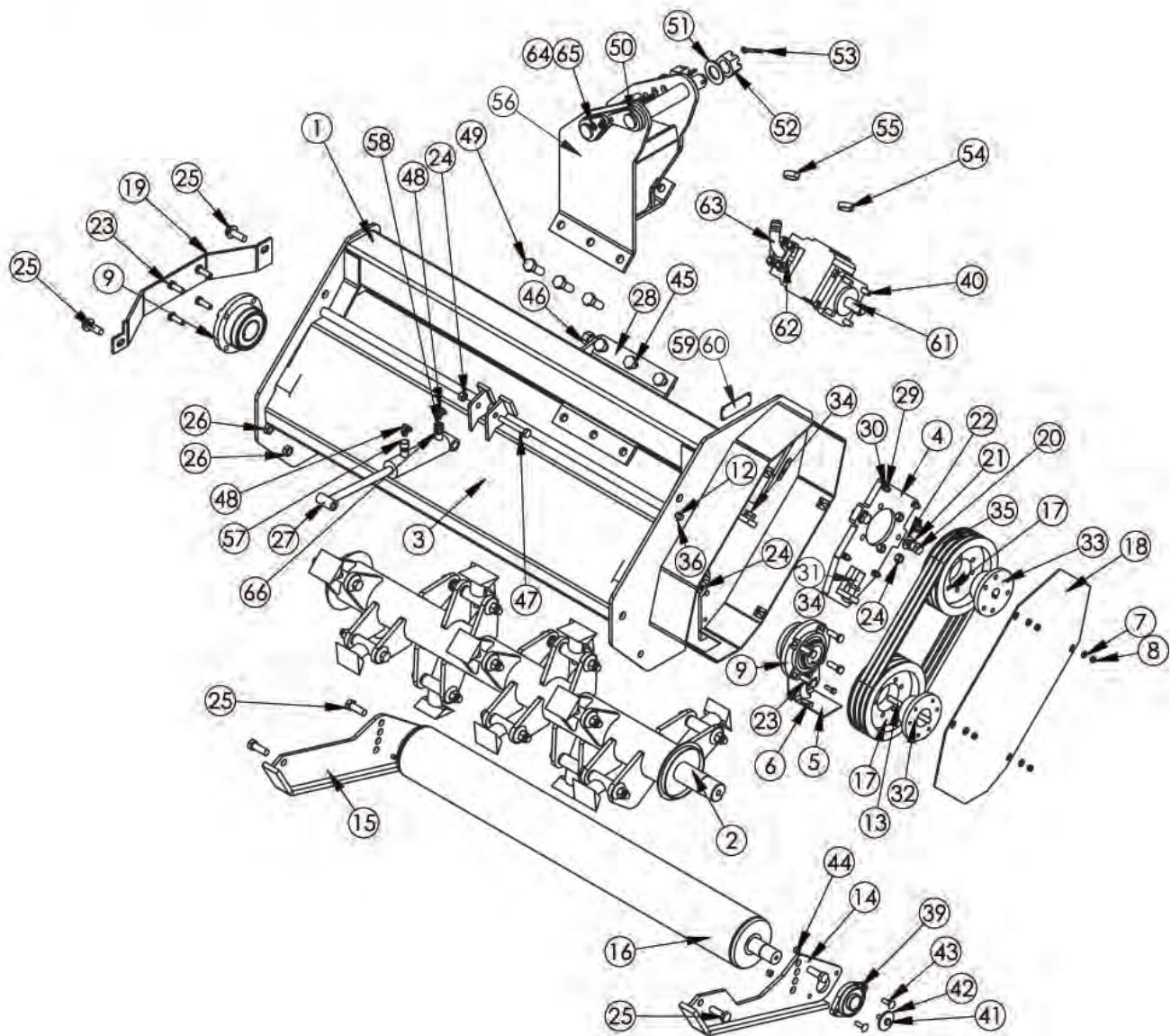
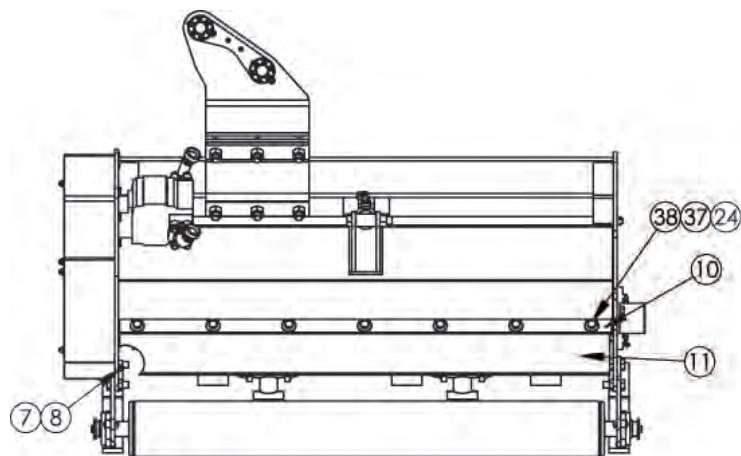
48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 1) - PN 34802986253 SN FA48 01746 TO CURRENT



**48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 1) - PN 34802986253 SN FA48 01746 TO CURRENT****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802994073	1	WLDMNT, HOUSING, FLAIL, 48"
2	34802957655M	1	ROTOR W/KNIVES (FLAIL AXE)
3	34802994075	1	WLDMNT,DOOR,FLAIL, SWIVEL, 48"
4	34802973544	1	WLDMT, MOTOR MOUNT
5	30002970709	1	PLATE, COVER FLAIL AXE
6	30010119000	2	HEXB 5/16 X 1 NC GR5
7	30000023500	6	FLATWASHER 5/16 PL
8	30000750940	6	LOCKNUT TLM 5/16 NC PLB
9	30002958131A	2	FLANGE BEARING ASY
10	30002956714	1	CLAMP BAR
11	30002956712	1	RUBBER FLAP
12	30002970326	1	ROD-HINGE, F/A DOOR
13	30002958198	1	KEY 1/2 X 1/2 X 1 7/8LG
14	34802970585	1	WELDMENT,SKID SHOE
15	34802956748	1	WLDMT, SKID SHOE
16	34802970540	1	WLDMT - REAR ROLLER
17	30002967325	2	PULLEY, 3G5V - 8.50 DIA
18	30002970325	1	PLATE-BELT & PULLEY COVER
19	30002972442	1	FLAIL AXE BEARING GUARD
20	30002675800	2	HHCS 5/8 X 1-1/2 PL GR5
21	30000010300	2	HIGH ALLOY, L/W 5/8 YZ KG
22	30000001400	4	FLATWASHER 5/8 PL STD
23	30002892000	8	HHCS, 1/2"-13 NC x 1-1/2" PL8
24	30000001800	20	LOCKNUT TLM 1/2 NC PLC
25	30000008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
26	30000695100	5	LOCKNUT TOPLOCK 5/8NC PLB
27	33002970710A	1	CYL, DOOR, 48" F/A
28	30002970324	1	PLATE-CLAMP, HITCHPOST
29	30002970583	4	SHSS 3/8-NF X 1-1/2 PL5
30	30023504500	8	JAMNUT 3/8 NF
31	30003200925	1	CARR 5/8 NC X 3 PL GR5
32	30002967328	1	BUSHING,QD-HUB SF 1-15/16 DIA.
33	30002970537	1	BUSHING, QD HUB SF 1 ID
34	30000013500	3	NUT, 3/8 NC JAMNUT
35	30002970539	3	V-BELT
36	30002956768	2	PIN, ROLL 5/32X1
37	30000002700	7	FLATWASHER 1/2 PL STD
38	30000749130	7	HHCS 1/2-13UNC 1-3/4 PL5
39	30002957041	2	ROLLER BEARING & FLANGE
40	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5

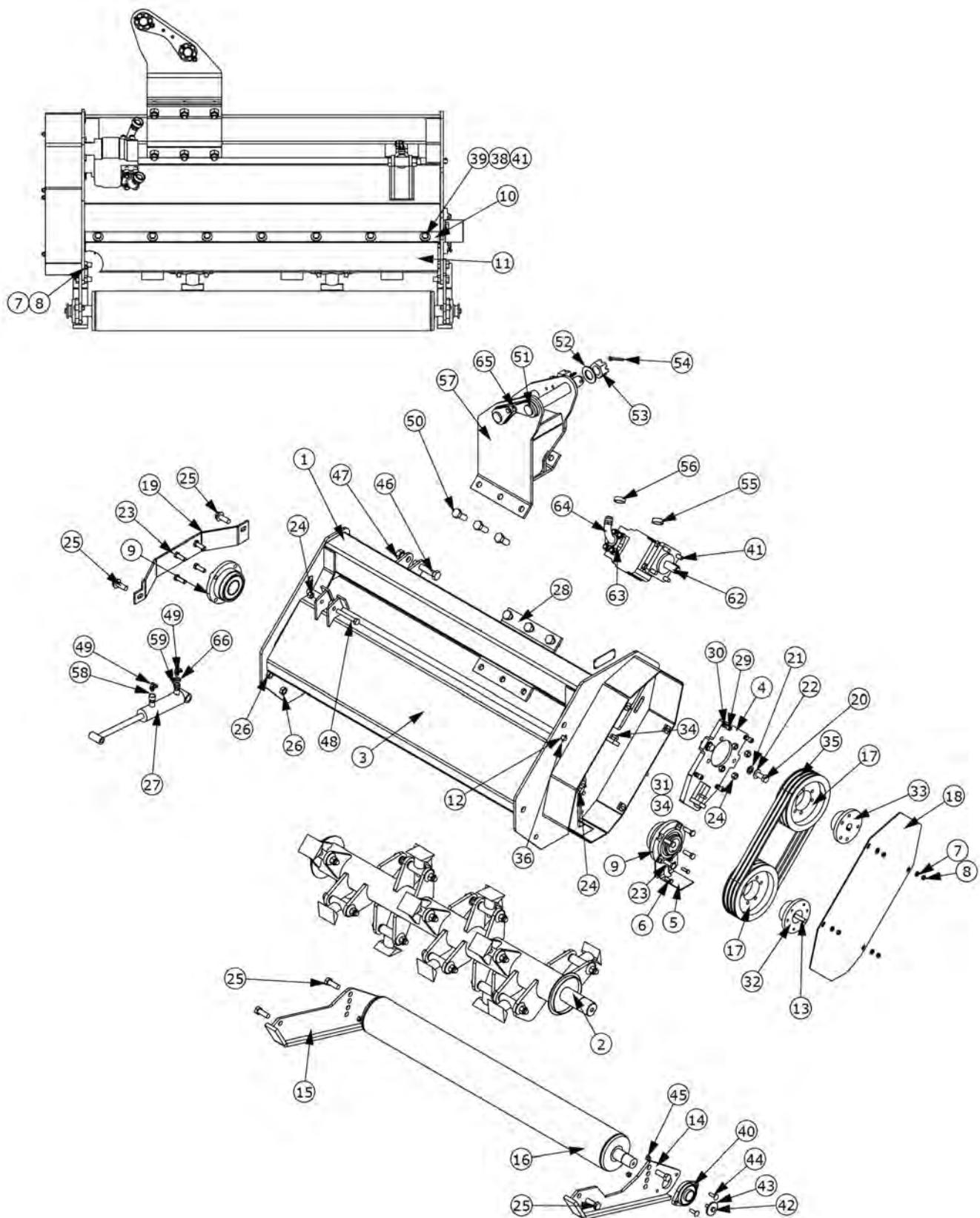
48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 2) - PN 34802986253 SN FA48 01746 TO CURRENT



**48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 2) - PN 34802986253 SN FA48 01746 TO CURRENT****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30002972949	2	BOLT 3/8 NC GR8 X 1-1/4
42	30002970586	2	WASHER,2OD,7/16 ID X 3/16
43	300000644	4	CARB 3/8 NC 1-1/4 PL5
44	30000015800	4	LOCKNUT TLM 3/8-NC PLC
45	30000003300	1	HHCS 3/4" X 4" LG
46	30000037200	7	NUT,HEX TOPLOCK 3/4 NC GR.C PL
47	30000752716	1	BOLT, HHCS 1/2" X 3-1/2" LG
48	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
49	30002918600	6	HHCS 3/4 NC 2 PL8
50	34802981757	2	WELDMENT, PIN, HITCH POST
51	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
52	30002971701	2	NUT SLOT 1-3/8 12NF PLB
53	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
54	30002968896	1	VINYL TAPE, BLUE, 1/2"
55	30002968894	1	VINYL TAPE, RED, 1/2"
56	34802986218	1	WELDMENT, HITCHPOST
57	30002968836	1	VINYL TAPE, YELLOW, 1/2"
58	30002968837	1	VINYL TAPE, YELLOW, 1/4"
59	3003710151	4	METAL TACK
60	30002971498	1	PLATE, S/N FLAIL AXE 48"
61	33002987315	1	MOTOR, GEAR 3.0 CU/IN F/A
62	30000749103	2	SPLIT FLG KIT #20
63	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
64	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
65	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
66	30002991555	1	VINYL TAPE, WHITE, 1/4"

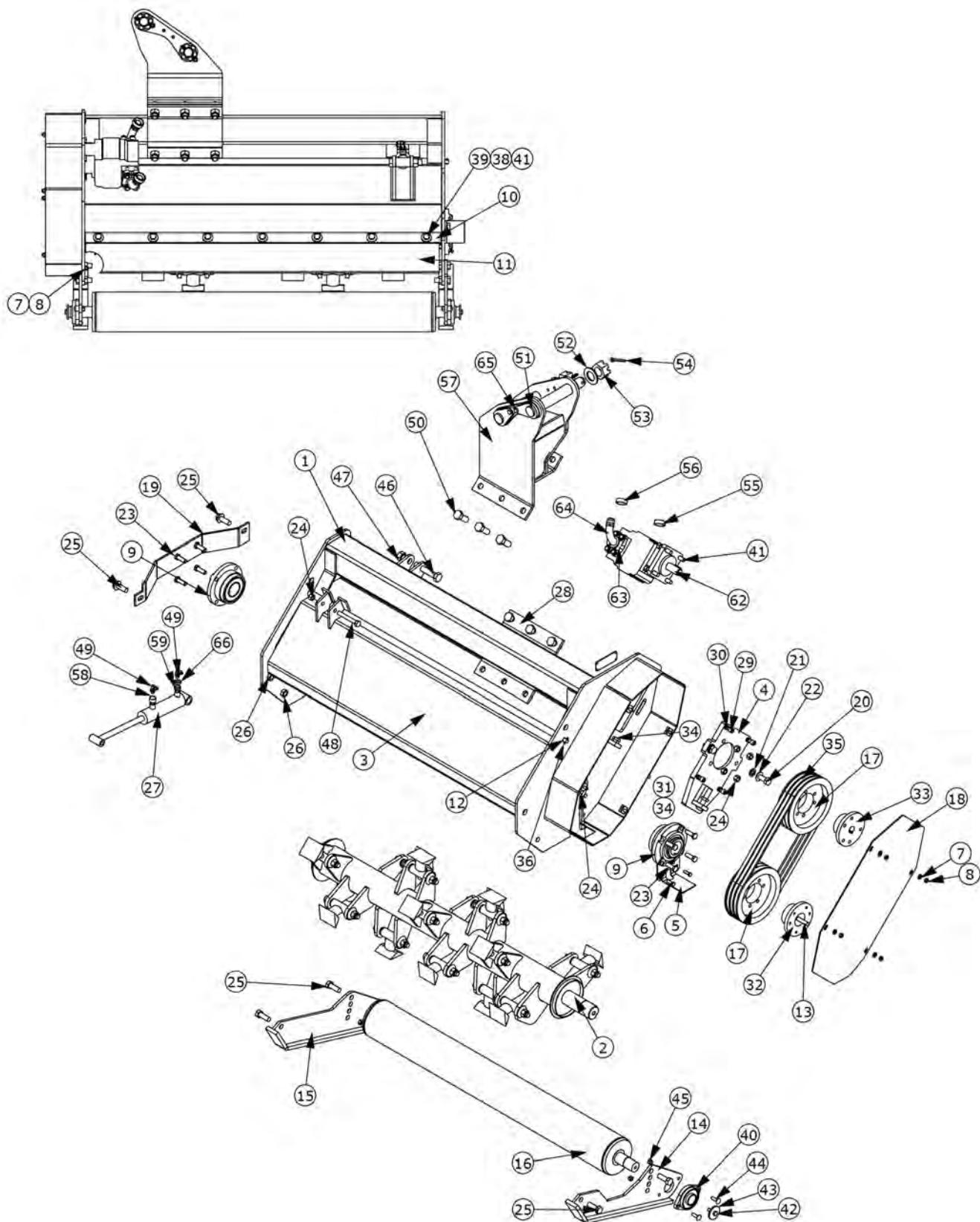
48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 1) - PN 34802986253 SN FA48 01745 AND BEFORE



**48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 1) - PN 34802986253 SN FA48 01745 AND BEFORE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802986253	1	48 IN FLAIL AXE HEAD
2	34802970301	1	WLDMT, FLAIL AXE HEAD
3	34802957655M	1	ASY, CUTTERSHAFT, 48 IN F/A
4	34802991470	1	WLDMT DOOR, 48 IN FLAIL
5	34802973544	1	WLDMT, MOTOR MOUNT
6	34802970709	1	PLATE, COVER FLAIL AXE
7	30010119000	2	HHCS 5/16 NC 1 PL5
8	30000023500	6	FLATWASHER 5/16, TYPE AW, ZP
9	30000750940	6	NUT, TOPLOCK 5/16 NC PL B
10	34802958131	2	FLANGE BEARING ASY
11	34802956714	1	CLAMP BAR
12	34802956712	1	RUBBER FLAP
13	34802958131	1	ROD-HINGE, F/A DOOR
14	30002958198	1	1/2 X 1/2 X 1 7/8 LG
15	34802970585	1	WLDM SKIDSHOE INSIDE FLAIL AXE
16	34802956748	1	SKID SHOE WLDMT
17	34802970540	1	WLDMT - REAR ROLLER
18	34802967325	2	PULLEY, 3G5V - 8.50 DIA
19	34802956748	1	PLATE-BELT & PULLEY COVER
20	34802972442	1	FLAIL AXE BEARING GUARD
21	30002675800	2	HHCS 5/8 X 1-1/2 PL GR5
22	30000010300	2	HIGH ALLOY, L/W 5/8 YZ KG
23	30000001400	4	FLATWASHER 5/8 PL STD
24	30000001400	8	HHCS 1/2NC 1-1/2 LG PL8
25	300000010300	13	LOCKNUT TLM 1/2 NC PLB
26	30000008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
27	30000695100	5	NUT, TOPLOCK 5/8 NC PLC
28	30000695100	1	CYL, DOOR, 48" F/A
29	300002970324	1	PLATE-CLAMP, HITCHPOST
30	300002970583	4	SHCS 3/8 NF 1-1/2 PL GR5
31	300002970710	8	JAMNUT 3/8 NF
32	300003200925	1	CARR 5/8 NC X 3 PL GR5
33	300002967328	1	BUSHIN, QD HUB SF 1-15/16 ID
34	300000013500	3	BUSHING, QD HUB SF 1 ID
35	300002970539	3	NUT, 3/8 NC JAMNUT
36	300002970537	2	V BELT
37	300000642	7	PIN, ROLL 5/32X1
38	30000002700	7	LOCKNUT TLM 1/2 NC PLB
39	300000019300	7	FLATWASHER, 1/2 PL STD
40	300000019300	2	HHCS 1/2 X 1-1/2 NF GR5 PL
			ROLLER BEARING & FLANGE

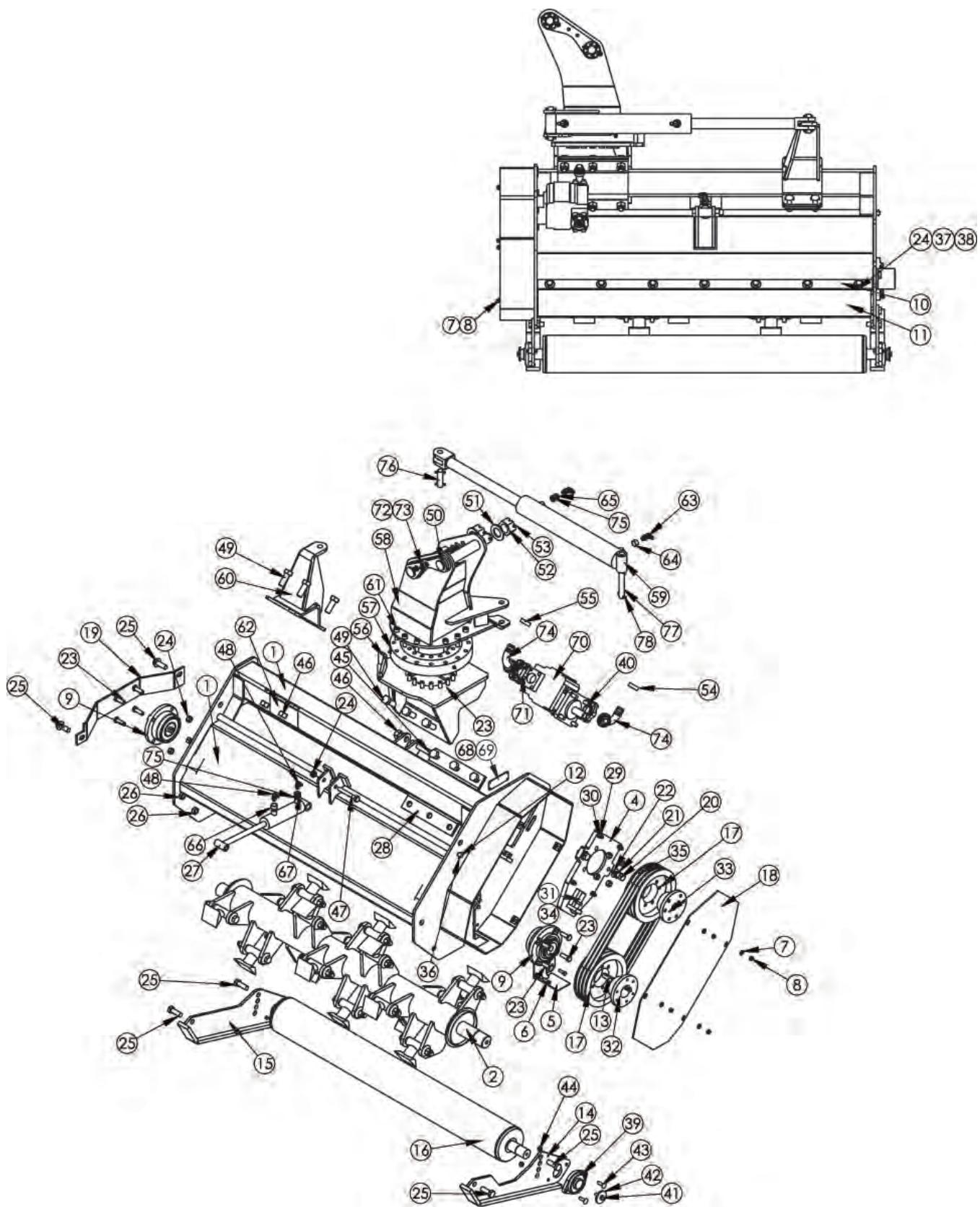
48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 2) - PN 34802986253 SN FA48 01745 AND BEFORE



**48 IN FLAIL - HEAD ASY (SOLID MNT) (PART 2) - PN 34802986253 SN FA48 01745 AND BEFORE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5
42	30000019300	2	BOLT, HHCS 3/8 NC 1-1/4 PL8
43	30002970586	2	WASHER, 2 X 7/16 X 3/16
44	300000644	4	CARB 3/8 NC 1-1/4 PL5
45	30000015800	4	LOCKNUT TLM 3/8 NC PLC
46	30000003300	1	HHCS 3/4" X 4" LG
47	30000037200	7	NUT 3/4 NC LOCKNUT
48	30000015800	1	BOLT, HHCS 1/2" X 3-1/2" LG
49	30002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
50	30002918600	6	HHCS 3/4 NC 2 PL8
51	34802981757	2	WELDMENT, PIN, HITCH POST
52	30002971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
53	30002971701	2	NUT, SLOTTED 1-3/8 12NF PLB
54	34802981757	2	PIN, COTTER 5/16 X 2-1/2 PL
55	30002968896	1	VINYL TAPE, BLUE, 1/2"
56	30002968894	1	VINYL TAPE, RED, 1/2"
57	34802986218	1	WELDMENT, HITCHPOST
58	30002968836	1	VINYL TAPE, YELLOW, 1/2"
59	30002968837	1	VINYL TAPE, YELLOW, 1/4"
62	34802986218	1	GEAR MOTOR
63	33000749103	2	20 SPLIT FLANGE KIT
64	33002754100	2	ADP, HYD 20FL-16MJ-90
65	30000011400	2	BOLT, HHCS 3/8 NC 1 PL5
66	30002991555	1	VINYL TAPE, WHITE, 1/4"

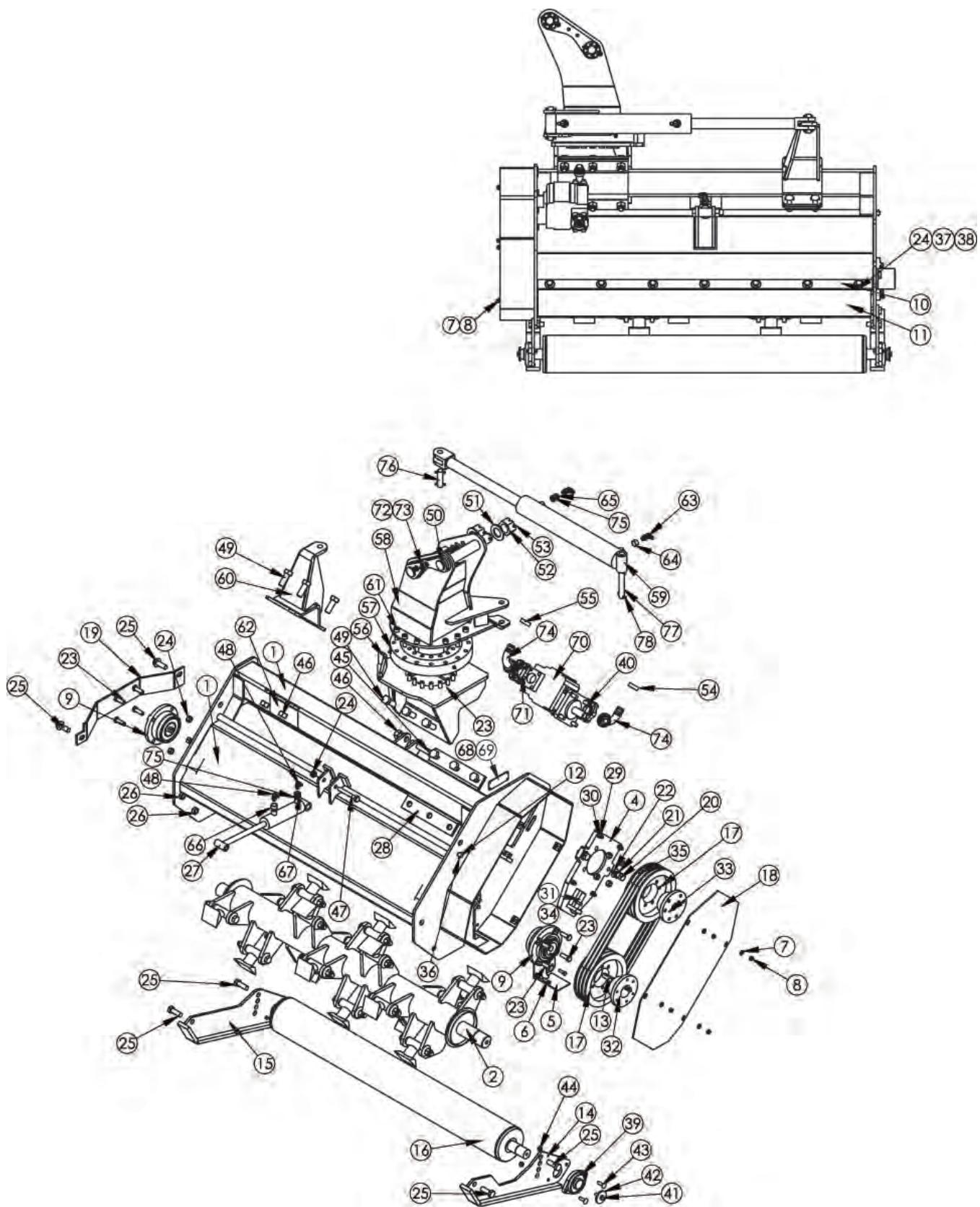
**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 1) PN 34802986251 SN FA48 01746 TO CURRENT**



**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 1) PN 34802986251 SN FA48 01746 TO CURRENT****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802994073	1	WLDMNT, HOUSING, F/AXE, 48"
2	33002957655M	1	ASY, CUTTERSHAFT, 48" F/A
3	34802994075	1	WLDMNT,DOOR,FLAIL, SWIVEL, 48"
4	34802973544	1	WLDMT, MOTOR MOUNT
5	30002970709	1	PLATE, COVER FLAIL AXE
6	30010119000	2	HEXB 5/16 X 1 NC GR5
7	30000023500	6	FLATWASHER 5/16 PL
8	30000750940	6	LOCKNUT TLM 5/16 NC PLB
9	30002958131A	2	FLANGE BEARING ASY
10	30002956714	1	CLAMP BAR
11	30002956712	1	RUBBER FLAP
12	30002970326	1	ROD-HINGE, F/A DOOR
13	30002958198	1	KEY 1/2 X 1/2 X 1 7/8LG
14	34802970585	1	WELDMENT,SKID SHOE
15	34802956748	1	WLDMT, SKID SHOE
16	34802970540	1	WLDMT - REAR ROLLER
17	30002967325	2	PULLEY, 3G5V - 8.50 DIA
18	30002970325	1	PLATE-BELT & PULLEY COVER
19	30002972442	1	FLAIL AXE BEARING GUARD
20	30002675800	2	HHCS 5/8 X 1-1/2 PL GR5
21	30000010300	2	HIGH ALLOY, L/W 5/8 YZ KG
22	30000001400	4	FLATWASHER 5/8 PL STD
23	30002892000	23	HHCS, 1/2"-13 NC x 1-1/2" PL8
24	30000001800	20	LOCKNUT TLM 1/2 NC PLC
25	30000008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
26	30000695100	5	LOCKNUT TOPLOCK 5/8NC PLB
27	33002970710A	1	CYL, DOOR, 48" F/A
28	30002970324	1	PLATE-CLAMP, HITCHPOST
29	30002970583	4	SHSS 3/8-NF X 1-1/2 PL5
30	30023504500	8	JAMNUT 3/8 NF
32	30002967328	1	BUSHING,QD-HUB SF 1-15/16 DIA.
33	30002970537	1	BUSHING, QD HUB SF 1 ID
34	30000013500	3	NUT, 3/8 NC JAMNUT
35	30002970539	3	V-BELT
36	30002956768	2	PIN, ROLL 5/32X1
37	30000002700	7	FLATWASHER 1/2 PL STD
38	30000749130	7	HHCS 1/2-13UNC 1-3/4 PL5
39	30002957041	2	ROLLER BEARING & FLANGE
40	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5

48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 2) PN 34802986251 SN FA48 01746 TO CURRENT

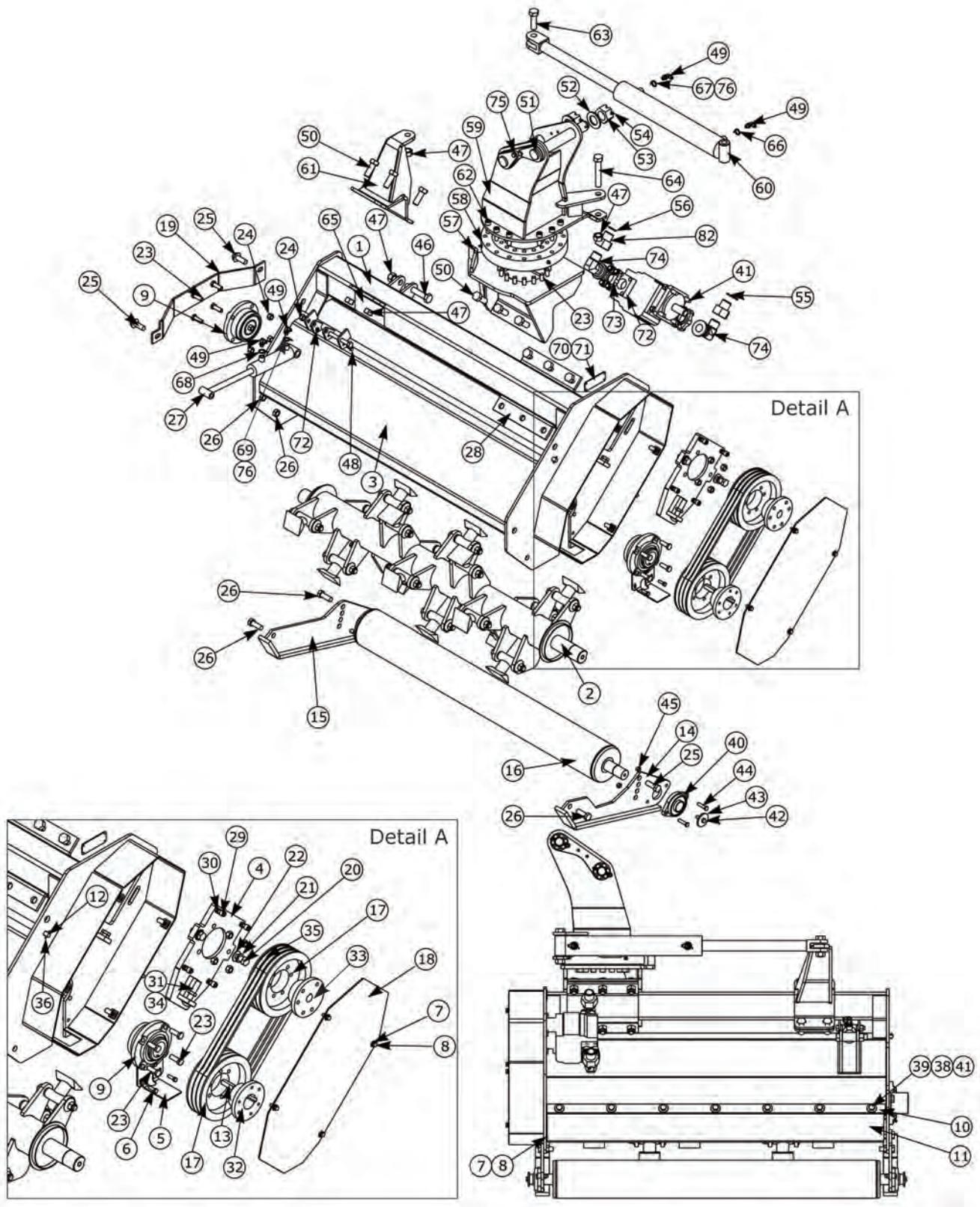


**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 2) PN 34802986251 SN FA48 01746 TO CURRENT**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
41	30002972949	2	BOLT 3/8 NC GR8 X 1-1/4
42	30002970586	2	WASHER,2OD,7/16 ID X 3/16
43	300000644	4	CARB 3/8 NC 1-1/4 PL5
44	30000015800	4	LOCKNUT TLM 3/8-NC PLC
45	30000003300	1	HHCS 3/4
46	30000037200	11	NUT,HEX TOPLOCK 3/4 NC GR.C PL
47	30000752716	1	BOLT, HHCS 1/2
48	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
49	34802918600	10	HHCS 3/4 NC 2 PL8
50	30002981757	2	WELDMENT, PIN, HITCH POST
51	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
52	30002971701	2	NUT SLOT 1-3/8 12NF PLB
53	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
54	30002968896	1	VINYL TAPE, BLUE, 1/2
55	30002968894	1	VINYL TAPE, RED, 1/2
56	33002984370	1	ADP, SWIVEL, FLAIL AXE
57	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
58	34802985319	1	WELDMENT, HITCH POST
59	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
60	34802984374	1	WLDMNT, SWIVEL, CYL BRKT
61	30002981820	12	SHCS 1/2 NC 1-1/2 PL8
62	30002984382	1	CLAMP, PLATE, SWIVEL
63	33003200762	2	ADP, HYD 6MB-4MJ 90
64	30002968832	1	VINYL TAPE, GREEN, 1/2"
65	30002968833	1	VINYL TAPE, GREEN, 1/4"
66	30002968836	1	VINYL TAPE, YELLOW, 1/2"
67	30002968837	1	VINYL TAPE, YELLOW, 1/4"
68	3003710151	4	METAL TACK
69	30002971498	1	PLATE, S/N FLAIL AXE 48"
70	33002987315	1	MOTOR, GEAR 3.0 CU/IN F/A
71	30000749103	-	SPLIT FLG KIT
72	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
73	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
74	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
75	30002991555	2	VINYL TAPE, WHITE, 1/4"
76	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
77	30002995472	1	PIN, 3/4" X 4" U.L.
78	300002416	4	ROLL PIN 1/4 X 1-1/2 LG

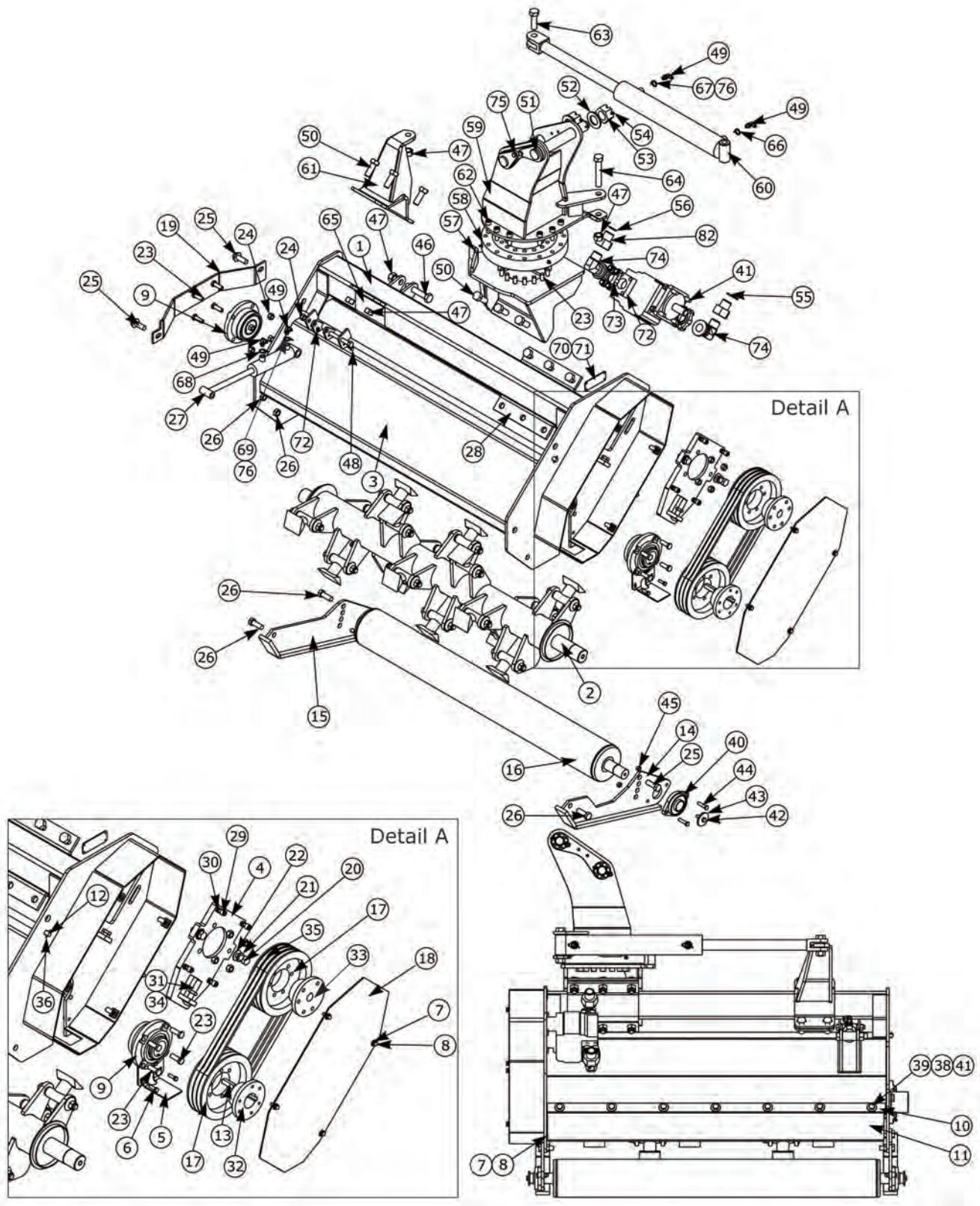
**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 1) - PN 34802986251 SN FA48 01745 AND BEFORE**



**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 1) - PN 34802986251 SN FA48 01745 AND BEFORE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
0	34802986251	1	48 IN FLAIL AXE ASY GEAR SWIVEL MNT
1	34802994073	1	WLDMNT, HOUSING, FLAIL, 48
2	34802957655M	1	ROTOR W/KNIVES (FLAIL AXE)
3	34802994075	1	WLDMNT,DOOR,FLAIL, SWIVEL, 48"
4	34802973544	1	WLDMT, MOTOR MOUNT
5	34802970709	1	PLATE, COVER FLAIL AXE
6	30010119000	2	HHCS 5/16 NC 1 PL5
7	30000023500	6	FLATWASHER 5/16, TYPE AW, ZP
8	30000750940	6	NUT, TOPLOCK 5/16 NC PL B
9	34802958131A	2	FLANGE BEARING ASY 2 BORE
10	34802956714	1	CLAMP BAR
11	34802956712	1	RUBBER FLAP 6 X 48-1/2
12	34802970326	1	ROD, HINGE, F/A DOOR
13	30002958198	1	KEY 1/2 X 1/2 X 1 7/8LG
14	34802970585	1	WLDM SKIDSHOE INSIDE FLAIL AXE
15	34802956748	1	WLDMT, SKID SHOE
16	34802970540	1	WLDMT - REAR ROLLER
17	34802967325	2	PULLEY, 3G5V-8.50 DIA.
18	34802970325	1	PLATE-BELT & PULLEY COVER
19	34802972442	1	FLAIL AXE BEARING GUARD
20	30002675800	2	HHCS 5/8 x 1-1/2 PL GR5
21	30000010300	2	HIGH ALLOY, L/W 5/8 YZ KG
22	30000001400	4	FLATWASHER 5/8 PL STD
23	30002892000	23	HHCS, 1/2"-13 NC x 1-1/2" PL8
24	30000001800	13	LOCKNUT TLM 1/2 NC PLC
25	30000008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
26	30000695100	5	LOCKNUT TOPLOCK 5/8NC PLB
27	33002970710A	1	CYL, DOOR, 48" F/A
28	30002970324	1	PLATE-CLAMP, HITCHPOST
29	30002970583	4	SHSS 3/8-NF X 1-1/2 PL5
30	30023504500	8	JAMNUT 3/8 NF
31	30003200925	1	CARR 5/8 NC x 3 PL GR5
32	30002967328	1	BUSHING, QD-HUB SF 1-15/16 DIA.
33	30002970537	1	BUSHING, QD HUB SF 1 ID
34	30000013500	3	NUT, 3/8 NC JAMNUT
35	30002970539	3	V-BELT
36	34802956768	2	PIN ROLL 5/32X1
37	300000642	7	LOCKNUT TLM 1/2 NC PLB
38	30000002700	7	FLATWASHER 1/2 PL STD
39	30000019300	7	HHCS 1/2 x 1-1/2 NF GR5 PL
40	30002957041	2	ROLLER BEARING & FLANGE

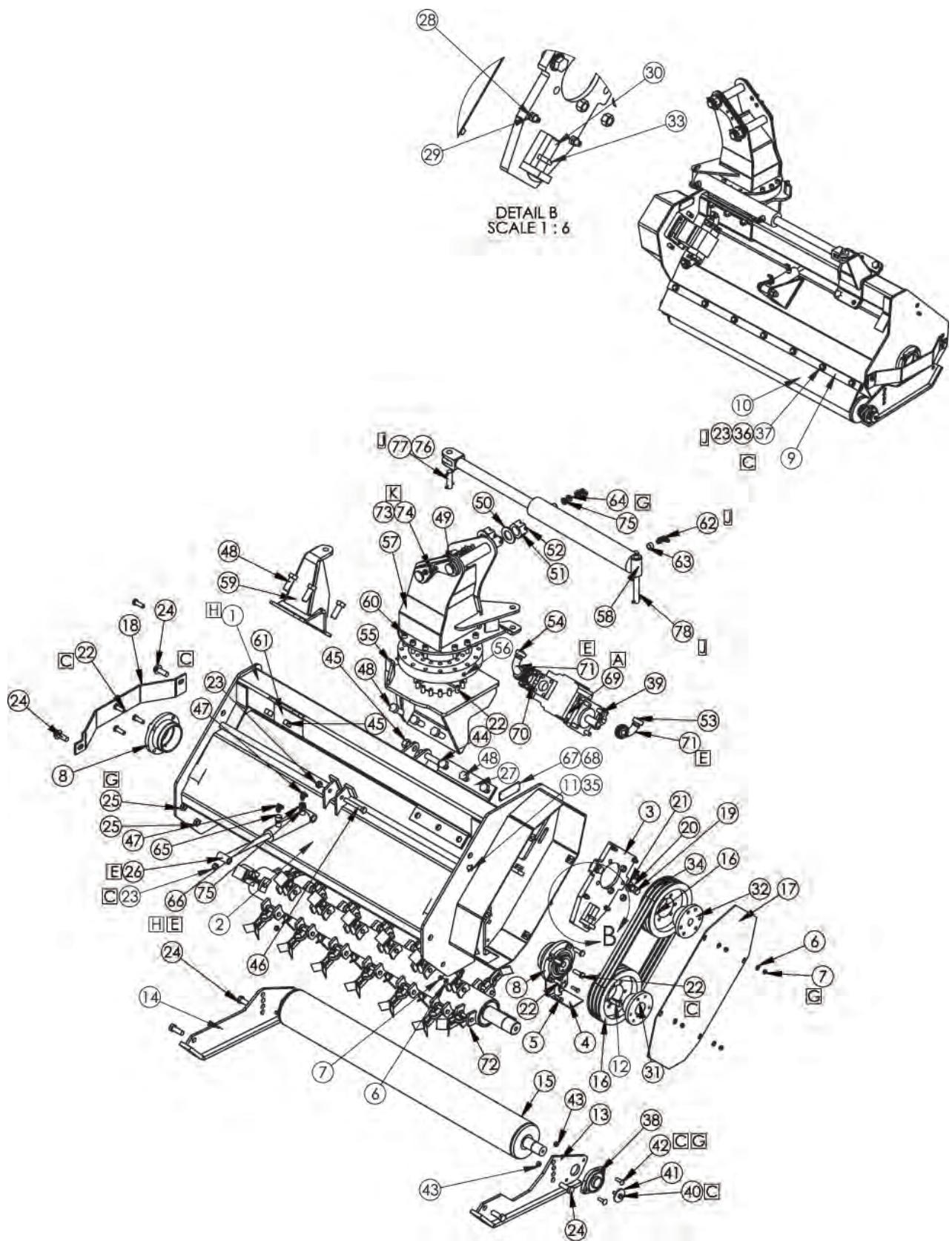
**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 2) - PN 34802986251 SN FA48 01745 AND BEFORE**



**48 IN FLAIL - HEAD ASY (SWIVEL MNT) (PART 2) - PN 34802986251 SN FA48 01745 AND BEFORE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5
42	30002972949	2	BOLT, HHCS 3/8 NC 1-1/4 PL8
43	30002970586	2	WASHER, 2 x 7/16 x 3/16
44	300000644	4	CARB 3/8 NC 1-1/4 PL5
45	30000015800	4	LOCKNUT TLM 3/8 NC PLC
46	30000003300	1	HHCS 3/4" X 4" LG
47	30000037200	13	NUT 3/4 NC LOCKNUT
48	30000752716	1	BOLT, HHCS 1/2" X 3-1/2" LG
49	33002960018	4	ADP, HYD, ELBOW, 4MB-4MJ90
50	30002918600	10	HHCS 3/4 NC 2 PL8
51	34802981757	2	WELDMENT, PIN, HITCH POST
52	30002971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
53	30002971701	2	NUT, SLOTTED 1-3/8 12NF PLB
54	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
55	30002968896	1	VINYL TAPE, BLUE, 1/2"
56	30002968894	1	VINYL TAPE, RED, 1/2"
57	34802984370	1	ADP, SWIVEL, FLAIL AXE
58	30002981318	1	BEARING, 12OD x 5.8ID
59	34802985319	1	WELDMENT, HITCH POST
60	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
61	34802984374	1	WLDMNT, SWIVEL, CYL BRKT
62	30002981820	12	SHCS 1/2 NC X 1 1/2" LG PL8
63	30002963646	1	HHCS 3/4 NC 2-1/2 PL8
64	30002981885	1	HHCS 3/4 NC 4-3/4 PL8
65	34802984382	1	CLAMP, PLATE, SWIVEL
66	30002968832	1	VINYL TAPE, GREEN, 1/2"
67	30002968833	1	VINYL TAPE, GREEN, 1/4"
68	30002968836	1	VINYL TAPE, YELLOW, 1/2"
69	30002968837	1	VINYL TAPE, YELLOW, 1/4"
70	3003710151	4	METAL TACK
71	30002971498	1	PLATE, S/N FLAIL AXE 48"
72	30002987315	1	GEAR MOTOR
73	33000749103	2	#20 SPLIT FLANGE KIT
74	33002754100	2	ADP, HYD 20FL-16MJ-90
75	30000011400	2	BOLT, HHCS 3/8 NC 1 PL5
76	30002991555	2	VINYL TAPE, WHITE, 1/4"

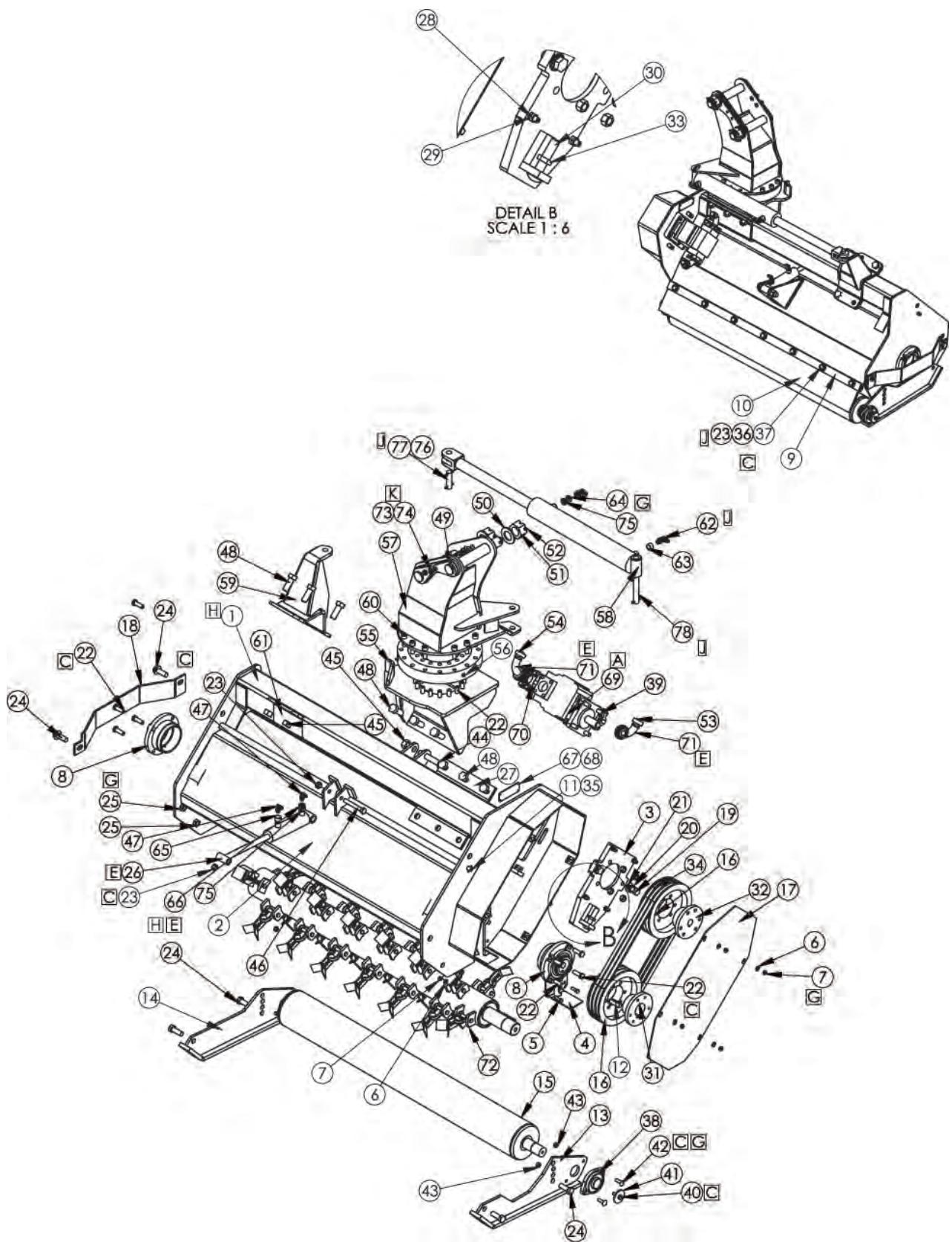
48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 1) PN 34802986252 SN FA48 01746 TO CURRENT



**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 1) PN 34802986252 SN FA48 01746 TO CURRENT****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802994073	1	WLDMNT, HOUSING, FLAIL, 48"
2	34802994075	1	WLDMNT,DOOR,FLAIL, SWIVEL, 48"
3	34802973544	1	WLDMT, MOTOR MOUNT
4	34802970709	1	PLATE, COVER FLAIL AXE
5	30010119000	2	HEXB 5/16 X 1 NC GR5
6	30000023500	6	FLATWASHER 5/16 PL
7	30000750940	6	LOCKNUT TLM 5/16 NC PLB
8	34802958131A	2	FLANGE BEARING ASY 2 BORE
9	34802956714	1	CLAMP BAR
10	34802956712	1	RUBBER FLAP 6 X 48-1/2
11	34802970326	1	ROD,HINGE,F/A DOOR
12	30002958198	1	KEY 1/2 X 1/2 X 1 7/8LG
13	34802970585	1	WELDMENT,SKID SHOE
14	34802956748	1	WLDMT, SKID SHOE
15	34802970540	1	WLDMT - REAR ROLLER
16	34802967325	2	PULLEY, 3G5V-8.50 DIA.
17	34802970325	1	PLATE-BELT & PULLEY COVER
18	34802972442	1	FLAIL AXE BEARING GUARD
19	30002675800	2	HHCS 5/8 X 1-1/2 PL GR5
20	30000010300	2	HIGH ALLOY, L/W 5/8 YZ KG
21	30000001400	4	FLATWASHER 5/8 PL STD
22	30002892000	23	HHCS, 1/2"-13 NC x 1-1/2" PL8
23	30000001800	20	LOCKNUT TLM 1/2 NC PLC
24	30000008300	6	BOLT, HHCS 5/8" NC X 1-3/4" PL5
25	30000695100	5	LOCKNUT TOPLOCK 5/8NC PLB
26	33002970710A	1	CYL, DOOR, 48" F/A
27	30002970324	1	PLATE-CLAMP, HITCHPOST
28	30002970583	4	SHSS 3/8-NF X 1-1/2 PL5
29	30023504500	8	JAMNUT 3/8 NF
30	30003200925	1	CARR 5/8 NC X 3 PL GR5
31	30002967328	1	BUSHING,QD-HUB SF 1-15/16 DIA.
32	30002970537	1	BUSHING, QD HUB SF 1 ID
33	30000013500	3	NUT, 3/8 NC JAMNUT
34	30002970539	3	V-BELT
35	30002956768	2	PIN, ROLL 5/32X1
36	34800002700	7	FLATWASHER, 1/2 PL STD
37	30000749130	7	HHCS 1/2-13UNC 1-3/4 PL5
38	30002957041	2	ROLLER BEARING & FLANGE
39	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5
40	30002972949	2	BOLT 3/8 NC GR8 X 1-1/4

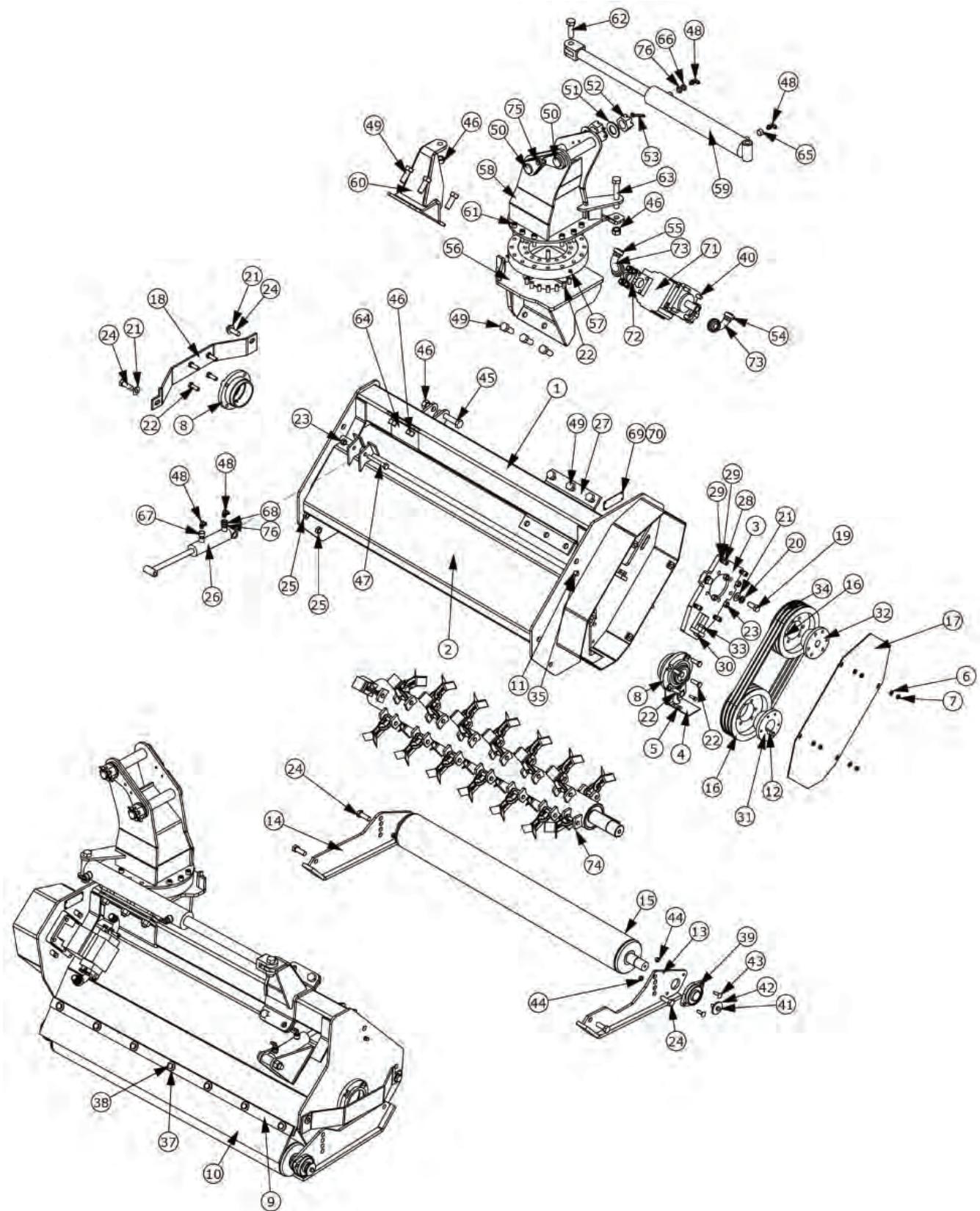
48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 2) PN 34802986252 SN FA48 01746 TO CURRENT



**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 2) PN 34802986252 SN FA48 01746 TO CURRENT****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30002970586	2	WASHER,2OD,7/16 ID X 3/16
42	300000644	4	CARB 3/8 NC 1-1/4 PL5
43	30000015800	4	LOCKNUT TLM 3/8-NC PLC
44	30000003300	1	HHCS 3/4" X 4" LG
45	30000037200	11	NUT,HEX TOPLOCK 3/4 NC GR.C PL
46	3000752716	1	BOLT, HHCS 1/2" X 3-1/2" LG
47	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
48	30002918600	10	HHCS 3/4 NC 2 PL8
49	33002981757	2	WELDMENT, PIN, HITCH POST
50	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
51	30002971701	2	NUT SLOT 1-3/8 12NF PLB
52	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
53	30002968896	1	VINYL TAPE, BLUE, 1/2"
54	30002968894	1	VINYL TAPE, RED, 1/2"
55	34802984370	1	ADP, SWIVEL, FLAIL AXE
56	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
57	34802985319	1	WELDMENT, HITCH POST
58	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
59	34802984374	1	WLDMNT, SWIVEL, CYL BRKT
60	30002981820	12	SHCS 1/2 NC 1-1/2 PL8
61	30002984382	1	CLAMP, PLATE, SWIVEL
62	33003200762	2	ADP, HYD 6MB-4MJ 90
63	30002968832	1	VINYL TAPE, GREEN, 1/2"
64	30002968833	1	VINYL TAPE, GREEN, 1/4"
65	30002968836	1	VINYL TAPE, YELLOW, 1/2"
66	30002968837	1	VINYL TAPE, YELLOW, 1/4"
67	3003710151	4	METAL TACK
68	30002971498	1	PLATE, S/N FLAIL AXE 48"
69	33002987315	1	MOTOR, GEAR 3.0 CU/IN F/A
70	33000749103	2	#20 SPLIT FLANGE KIT
71	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
72	34802959935	1	CUTTERSCHAFT ASSY, HD/GRASS
73	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
74	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
75	30002991555	2	VINYL TAPE, WHITE, 1/4"
76	300002416	4	ROLL PIN 1/4 X 1-1/2 LG
77	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
78	30002995472	1	PIN, 3/4" X 4" U.L.

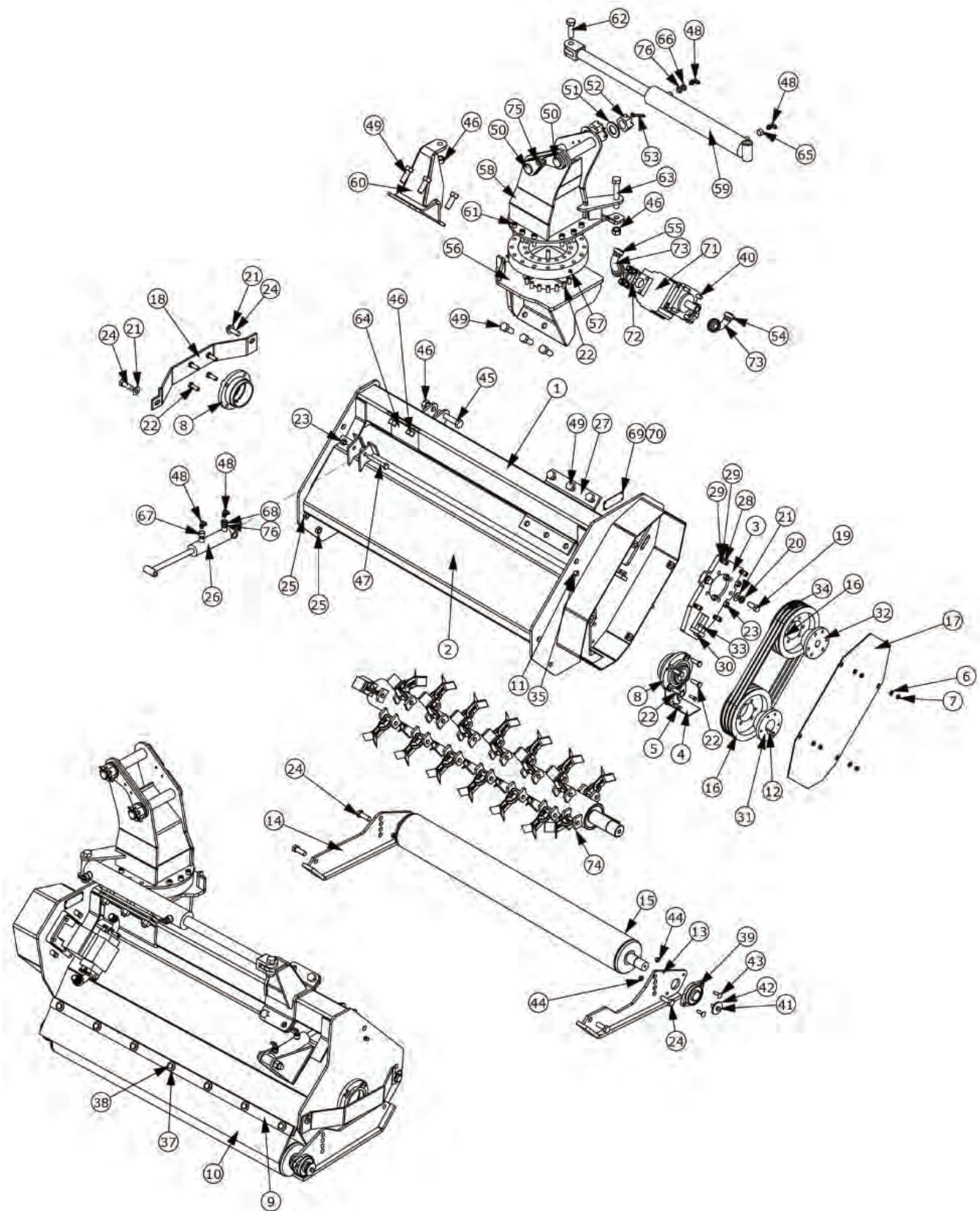
**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 1) PN 34802986252 SN FA48 01745 AND BEFORE**



**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 1) PN 34802986252 SN FA48 01745 AND BEFORE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
0	34802986252	1	ASY, 48" FLAILHEAD, SHD
1	34802994073	1	WLDMNT, HOUSING, FLAIL, 48"
2	34802994075	1	WLDMNT,DOOR,FLAIL, SWIVEL, 48"
3	34802973544	1	WLDMT MOTOR MOUNTS
4	30002970709	1	PLATE,INSIDE PLATE
5	30010119000	2	HEXB 5/16 X 1 NC GR5
6	30000023500	6	FLATWASHER 5/16 PL
7	30000750940	6	LOCKNUT TLM 5/16 NC PLB
8	30002958131A	2	FLANGE BEARING ASY 2 BORE
9	30002956714	1	CLAMP BAR
10	30002956712	1	RUBBER FLAP 6 X 48-1/2
11	30002970326	1	ROD,HINGE,F/A DOOR
12	30002958198	1	KEY 1/2 X 1/2 X 1 7/8LG
13	34802970585	1	WELDMENT,SKID SHOE
14	34802956748	1	WLDMT, SKID SHOE
15	34802970540	1	WELDMENT,ROLLER
16	33002967325	2	PULLEY, 3G5V-8.50 DIA.
17	30002970325	1	PLATE,COVER,BELT & PULLEY
18	30002972442	1	GUARD,BEARING
19	30002675800	2	HHCS 5/8-11 X 1-1/2 PL5
20	30000010300	2	WASHER,LOCK 5/8 GR8 - YDP
21	30000001400	4	FLATWASHER 5/8 PL STD
22	30002892000	23	HHCS, 1/2"-13 NC x 1-1/2" PL8
23	30000001800	13	LOCKNUT TLM 1/2 NC PLC
24	30000008300	6	HHCS 5/8 NC 1-3/4 PL5
25	30000695100	5	LOCKNUT TOPLOCK 5/8NC PLB
26	30002970710A	1	HYD CYL 1-1/2BORE X 3-3/4
27	30002970324	1	PLATE,HITCH POST CLAMP
28	30002970583	4	SHSS 3/8-NF X 1-1/2 PL5
29	30023504500	8	NUT, JAM 3/8 NF PLB
30	30003200925	1	CARB 5/8-11UNC 3LG PL5
31	30002967328	1	BUSHING,QD-HUB SF 1-15/16 DIA.
32	30002970537	1	HUB,QD-SF 1DIA.BORE W/KEY WAY
33	30000013500	3	NUT JAM HEX 5/8 NC PL
34	30002970539	3	V-BELT
35	30002956768	2	PIN ROLL 5/32X1
36	300000642	7	NUT,1/2NF CENTERLOCK
37	30000002700	7	FLATWASHER 1/2 PL STD
38	30000019300	7	HHCS 1/2 NF 1-1/2 PL5
39	30002957041	2	ROLLER BEARING AND FLANGE
40	30000013300	4	HHCS 1/2 NC X 2 GR.5 PL

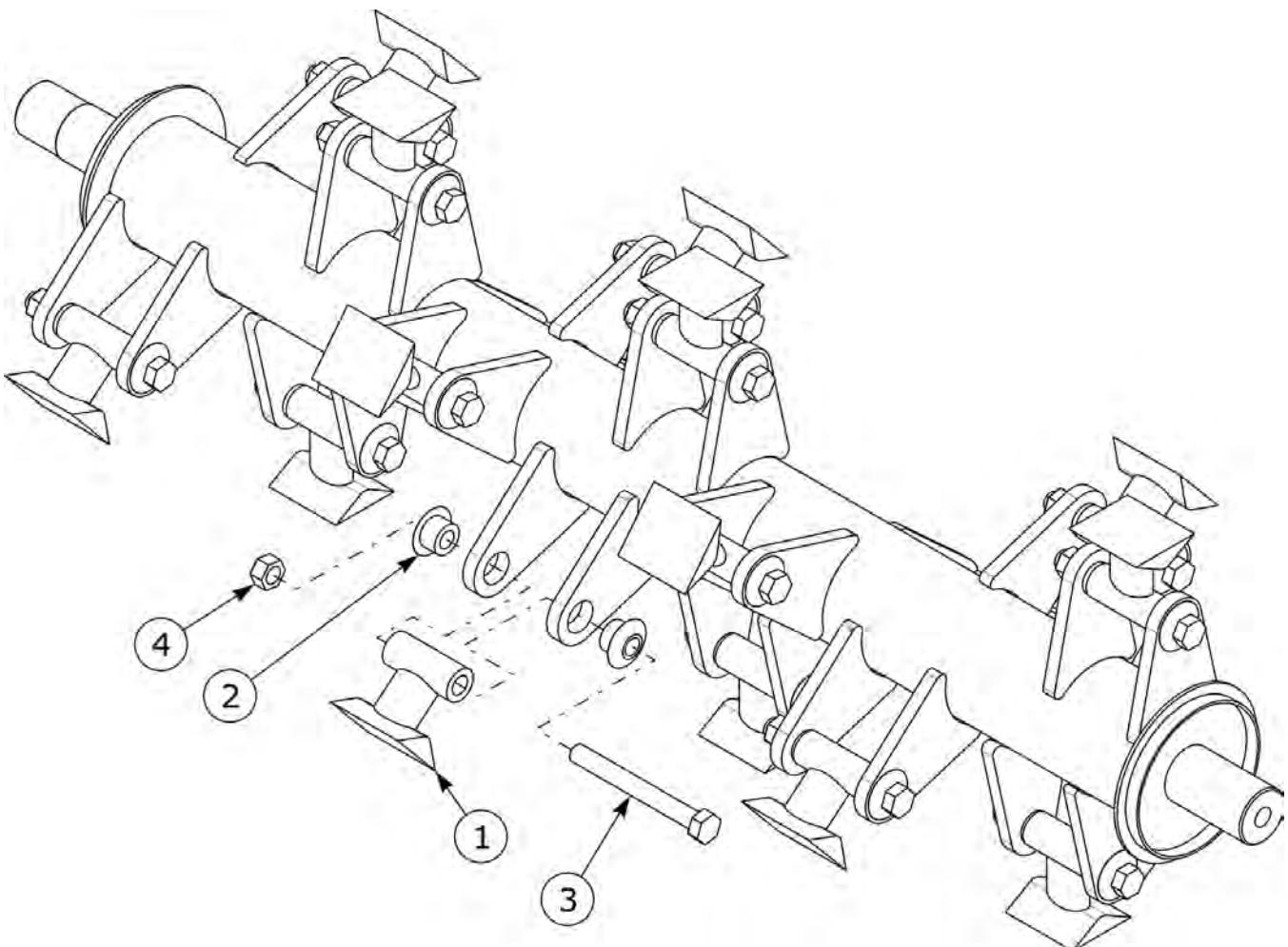
**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 2) PN 34802986252 SN FA48 01745 AND BEFORE**



**48 IN FLAIL - HEAD ASY CC (SWIVEL MNT)(PART 2) PN 34802986252 SN FA48 01745 AND BEFORE****Continued...**

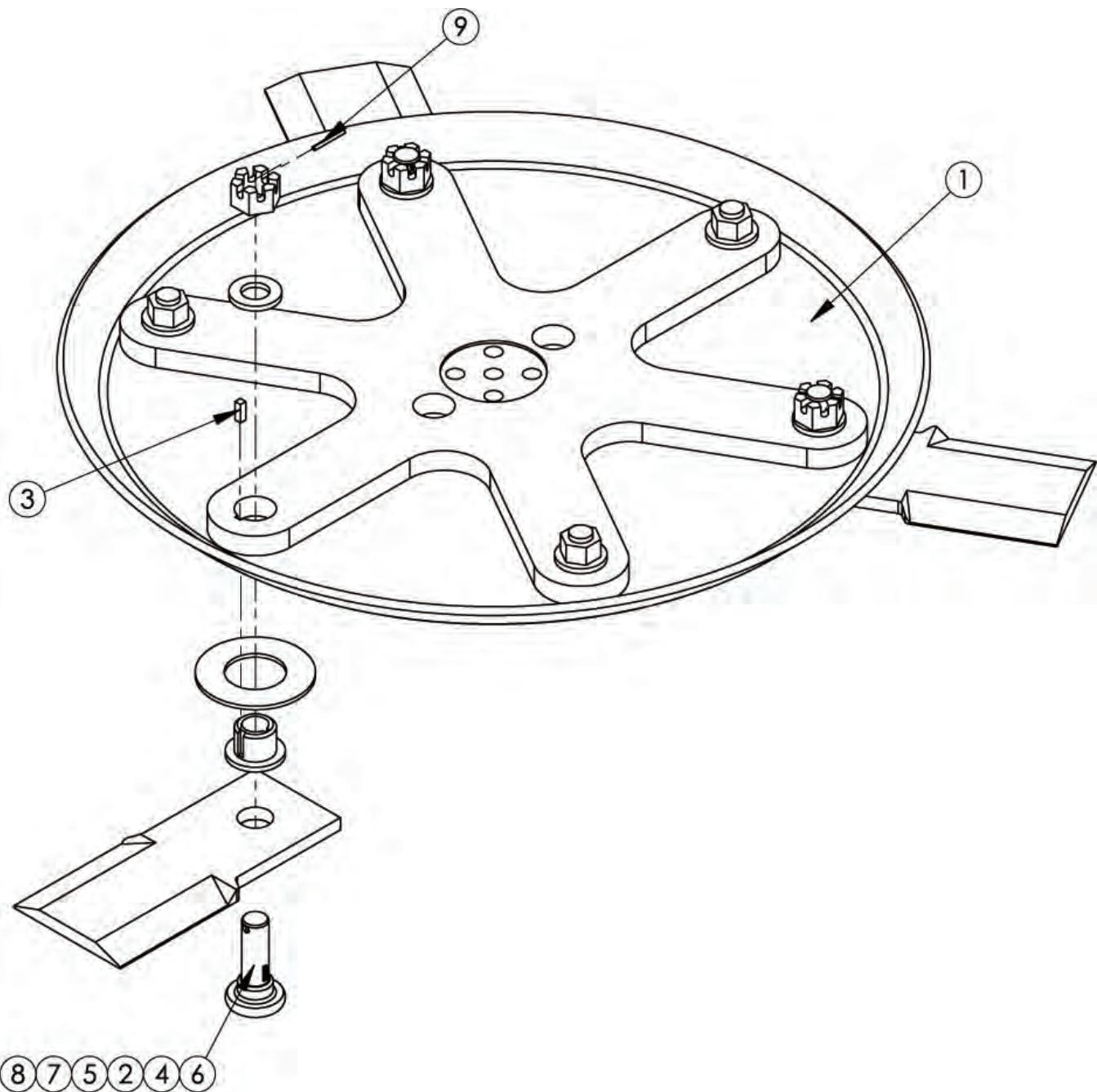
ITEM	PART NO.	QTY.	DESCRIPTION
41	30002972949	2	BOLT 3/8 NC GR8 X 1-1/4
42	30002970586	2	WASHER,2OD,7/16 ID X 3/16
43	300000644	4	CARB 3/8 NC 1-1/4 PL5
44	30000015800	4	LOCKNUT TLM 3/8-NC PLC
45	30000003300	1	HEXB 3/4 NC 4 PL5
46	30000037200	13	NUT,HEX TOPLOCK 3/4 NC GR.C PL
47	30000752716	1	HHCS 1/2 NC 3-1/2 PL8
48	30002960018	4	ADP HYD ELBOW 4MB-4MJ90
49	30002918600	10	HEXB 3/4-10UNC 2 PL8
50	34802981757	2	WELDMENT, PIN, HITCH POST
51	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
52	30002971701	2	NUT SLOT 1-3/8 12NF PLB
53	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
54	30002968896	1	VINYL TAPE BLUE 1/2" WIDE
55	30002968894	1	VINYL TAPE RED 1/2" WIDE
56	33002984370	1	ADP, SWIVEL, HITCHPOST
57	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
58	34802985319	1	WELDMENT, HITCH POST
59	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
60	34802984374	1	WLDMNT, MOUNT, CYLINDER
61	30002981820	12	SHCS 1/2 NC 1-1/2 PL8
62	30002963646	1	HHCS 3/4 NC 2-1/2 PL8
63	30002981885	1	HHCS, 3/4-10UNC x 4 3/4" PL8
64	30002984382	1	CLAMP, PLATE, SWIVEL
65	30002968832	1	VINYL TAPE GREEN 1/2" WIDE
66	30002968833	1	VINYL TAPE GREEN 1/4" WIDE
67	30002968836	1	VINYL TAPE YELLOW 1/2" WIDE
68	30002968837	1	VINYL TAPE YELLOW 1/4" WIDE
69	3003710151	4	METAL TACK
70	30002971498	1	PLATE,S/N 48 FLAIL AXE
71	33002987315	1	MOTOR, GEAR 3.0 CU/IN F/A
72	30000749103	2	SPLIT FLG KIT #20
73	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
74	34802959935	1	CUTTERSHAFT ASSY-H/D GRASS
75	30000011400	2	HEXB 3/8-16 X 1 PL5
76	30002991555	2	VINYL TAPE WHITE 1/4" WIDE

## 48 IN FLAIL - ROTOR W/KNIVES



ITEM	PART NO.	QTY.	DESCRIPTION
	34802957655	1	ROTOR W/KNIVES ASY
1	34802958540	1	KIT - BLADE, FLAIL AXE
2	34002956943	32	FLAIL HANGER BUSHING
3	30002956949	16	HHCS HANGER BOLT PER DWG
4	30002980976	16	LOCKNUT,CENTERLOCK 5/8 NC PLC

**50 IN ROTARY - ASY, BLADE PAN PN 30002964457**



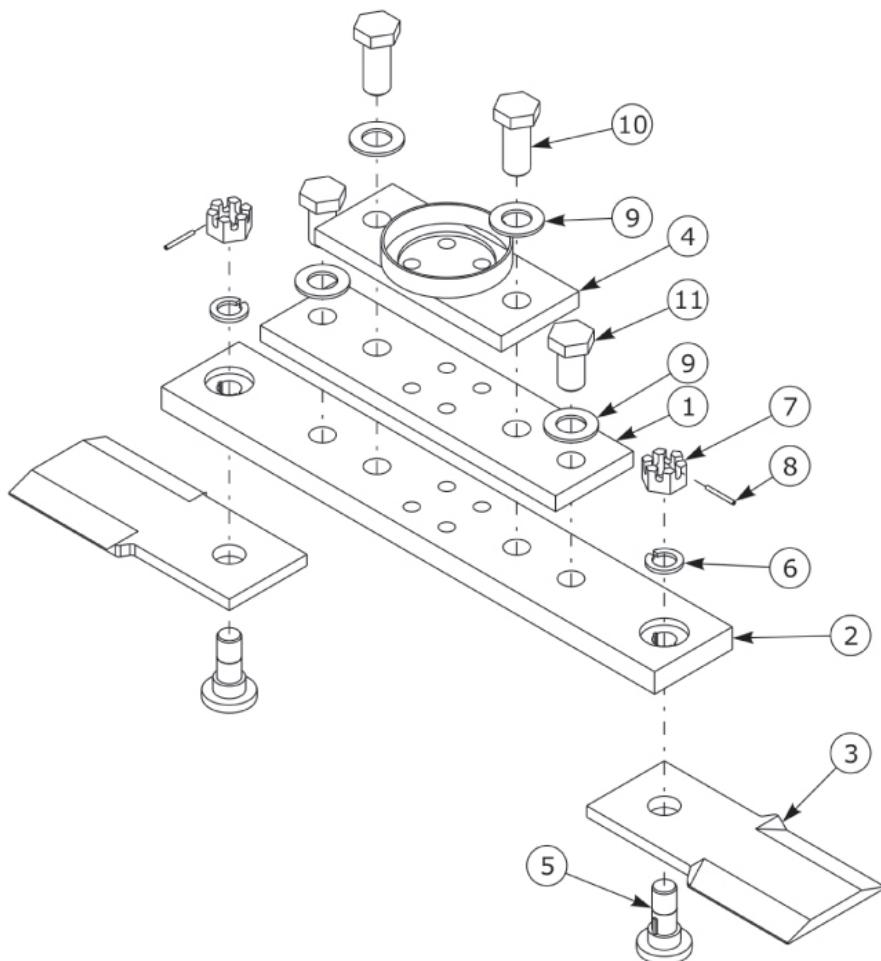
ITEM	PART NO.	QTY.	DESCRIPTION
1	34802964804	1	PAN ASSY
2	30002964161	3	BUSHING,KEYED BLADE BOLT
3	30002964954	3	KEY,5/16 SQ X 15/16 LONG
4	34002962722	1	BLADES-SET OF 3(50B/A HEAD)
5	30002965229	3	WASHER, 2-19/32 ID 5.0 OD 3/16
6	30002964330	3	KEYED BLADE BOLT FOR
7	30000755623	3	WASHER 2.200 OD1.218 1DX.250

## **50 IN ROTARY - ASY, BLADE PAN PN 30002964457**

**Continued...**

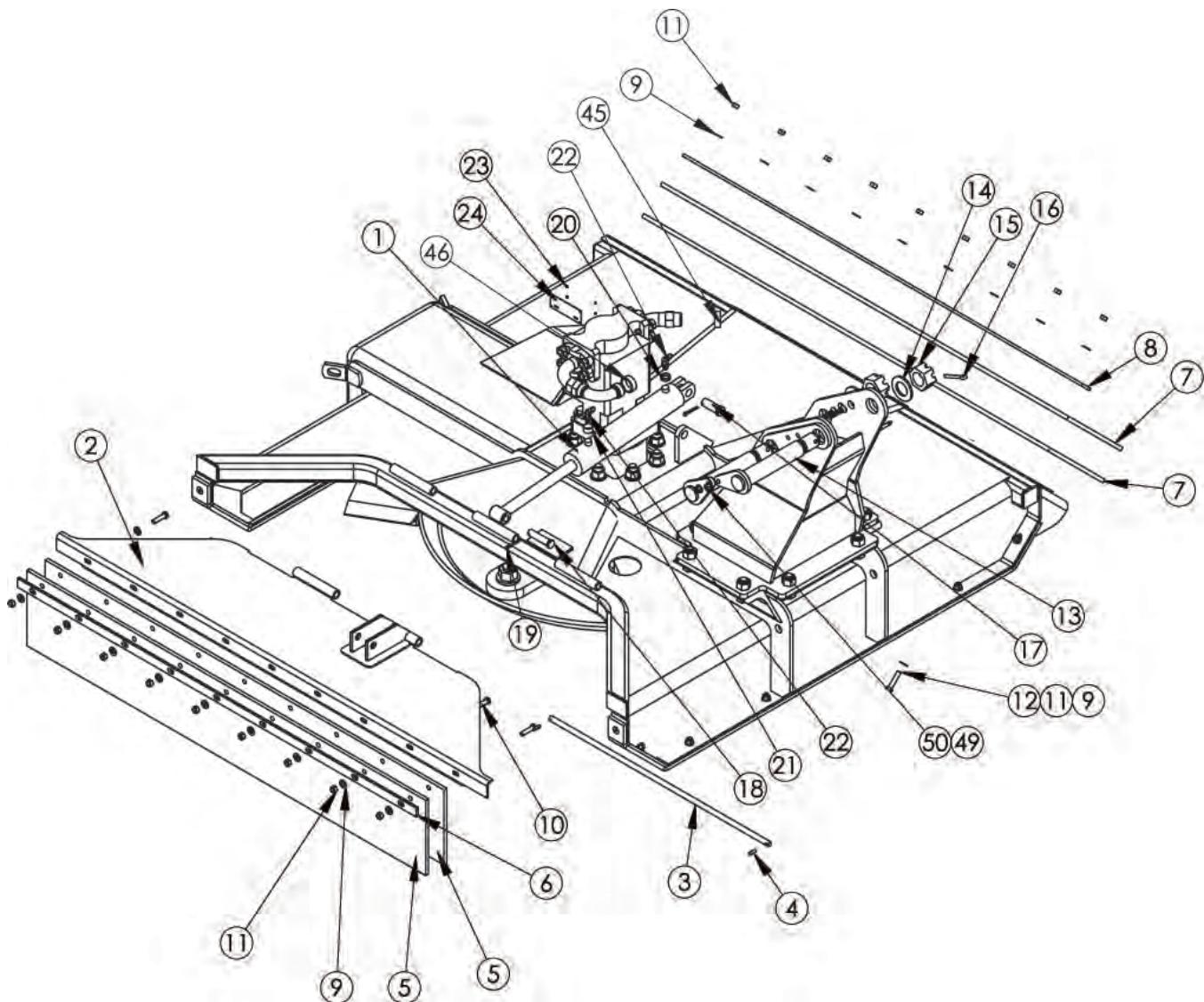
<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
8	30000020900	3	NUT SLOT HVY 1-1/8 NF PL5
9	30000023200	3	PIN ROLL 3/16X1-3/4

## 50 IN ROTARY - BLADE BAR ASY PN 34802982906



ITEM	PART NO.	QTY.	DESCRIPTION
-----	34802982906	1	ASY, BLADE BAR W/BLADES
1	34802982912	1	LEAF, MIDDLE, BLADE BAR
2	34802982913	1	LEAF, BOTTOM, BLADE BAR
3	34802962634	1	BLADE-MATCHED SET-50B/A HD
4	34802982934	1	WLDMT,LEAF BLADE BAR TOP 50
5	30002782900	2	BOLT, BLADE
6	30002957089	2	HEAVY, L/W, 1-1/8" YZ PLATED
7	30000020900	2	NUT SLOT HVY 1-1/8 NF PL5
8	30000023200	2	PIN ROLL 3/16X1-3/4
9	30015C2000	4	WASHER, 1-1/4IDX2-1/2OD, HRD
10	30002969235	2	HHCS 1-1/4 NC 3 PL8
11	30002969236	2	HHCS 1-1/4 NC 2-1/4 PL8

**50 IN ROTARY - GEAR, PAN, NON SWIVEL PN 34802986210 PART 1**



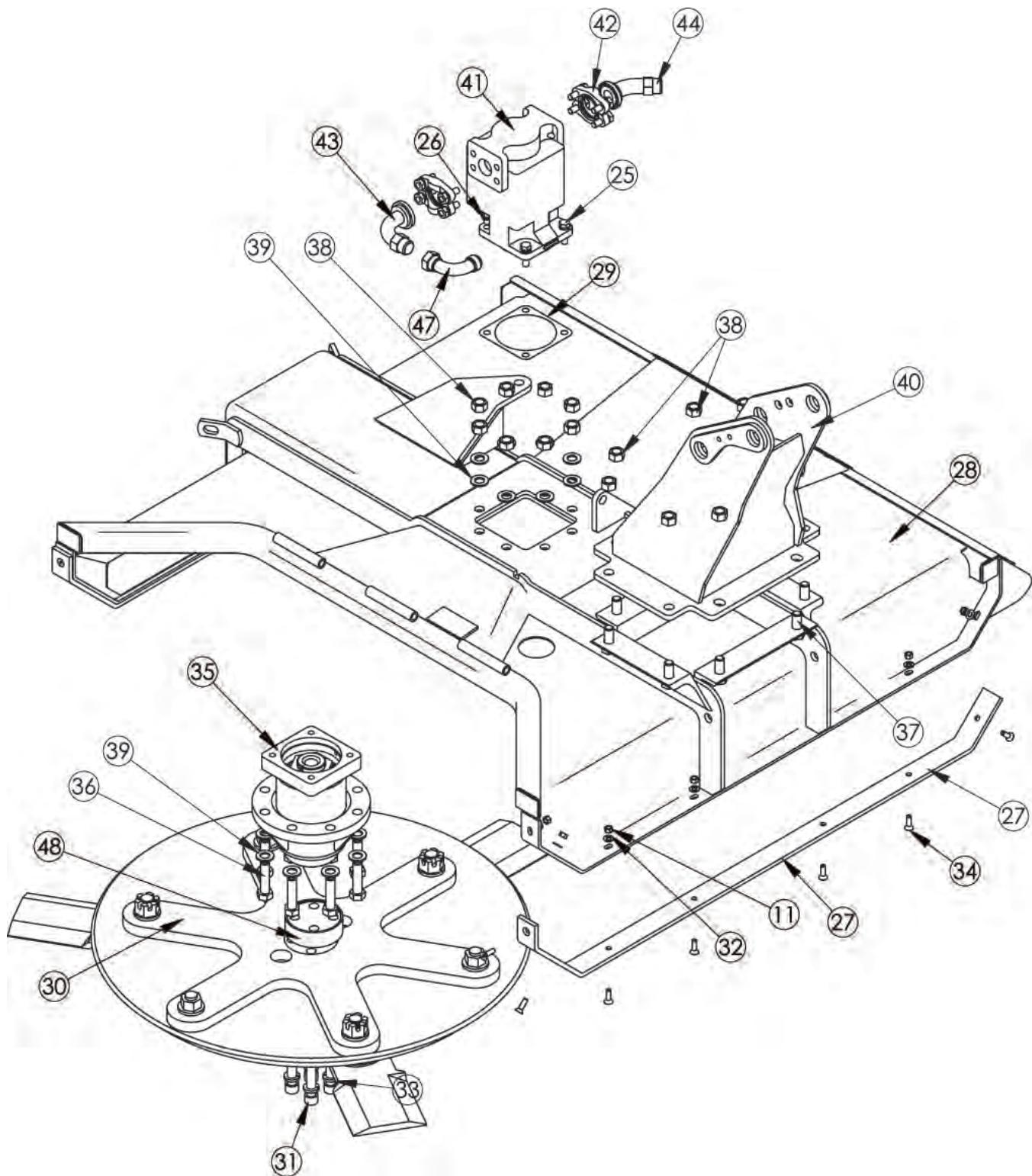
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	34802982914	1	WELDMENT, DOOR
3	30002982915	1	ROD, HINGE
4	30099338S	2	PIN ROLL 1/4 X 3/4
5	30002982919	2	FLAP, 8 1/2 X 52 X 3/8 THK
6	30002982918	1	BAR, HOLD DOWN, FLAP
7	30002982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	30002982921	1	BAR, CLAMP, REAR
9	30000011100	36	FLATWASHER STD 3/8 - PLATED
10	30000023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	30000015800	32	LOCKNUT TLM 3/8-NC PLC
12	30000007000	9	BOLT 3/8NC X 1-3/4 PL5

## 50 IN ROTARY - GEAR, PAN, NON SWIVEL PN 34802986210 PART 1

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
13	34802981757	2	WELDMENT, PIN, HITCH POST
14	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
15	30002971701	2	NUT SLOT 1-3/8 12NF PLB
16	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
17	300651102	1	PIN-DRILLED
18	30002976448	1	PIN,5/8 X 2-1/2
19	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL
20	30002968837	1	VINYL TAPE, YELLOW, 1/4"
21	30002968836	1	VINYL TAPE, YELLOW, 1/2"
22	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
23	3003710151	4	METAL TACK
24	30002986681	1	PLATE S/N 50", ROTARY, GEAR
45	30002968894	1	VINYL TAPE, RED, 1/2"
46	30002968896	1	VINYL TAPE, BLUE, 1/2"
49	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
50	30002995908	2	NUT SPRLCK FLG 3/8-16 PL

50 IN ROTARY - GEAR, PAN, NON SWIVEL PN 34802986210 PART 2



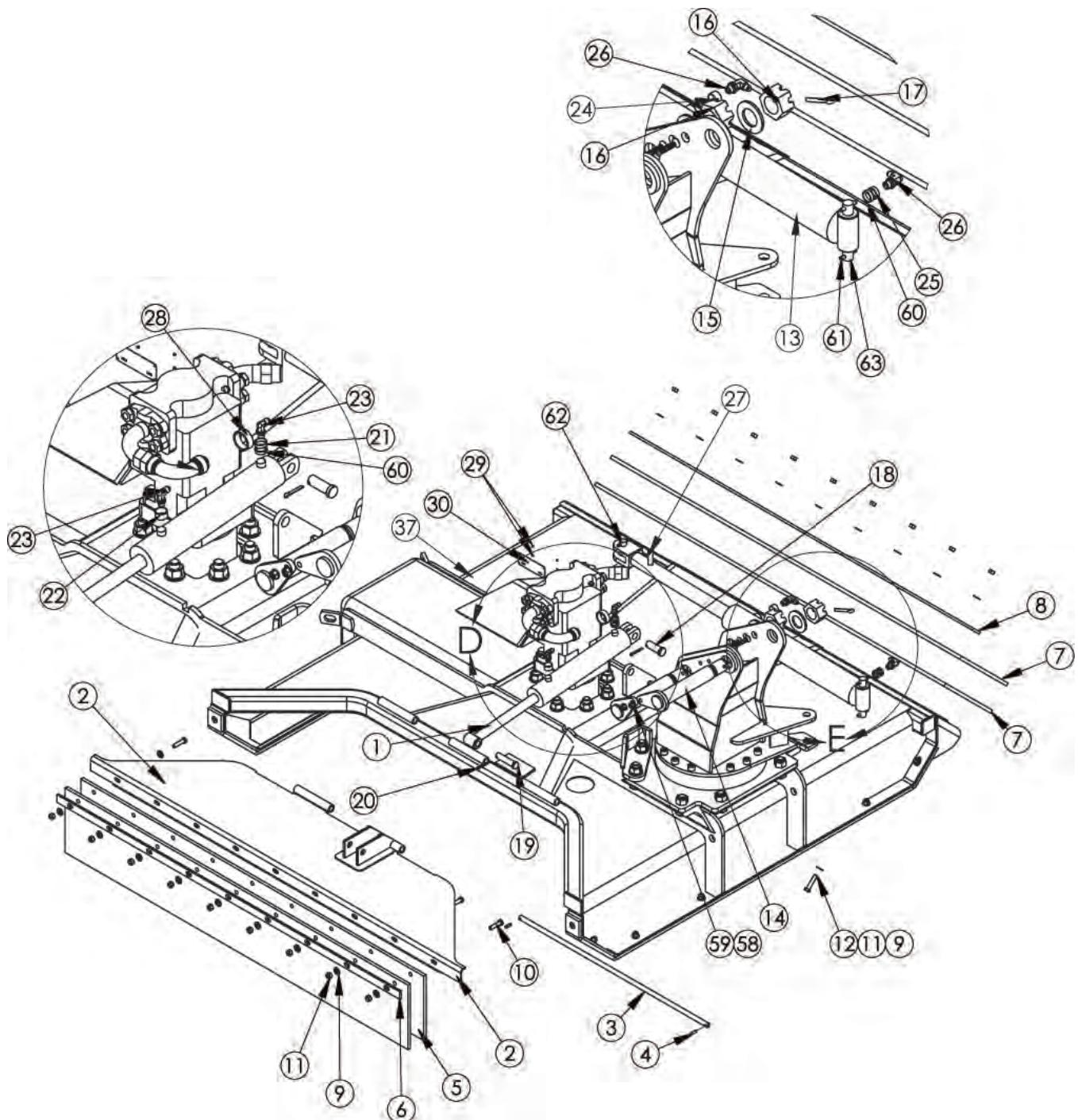
ITEM	PART NO.	QTY.	DESCRIPTION
11	30000015800	32	LOCKNUT TLM 3/8-NC PLC

## 50 IN ROTARY - GEAR, PAN, NON SWIVEL PN 34802986210 PART 2

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
25	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
26	30000019600	4	LOCKWASHER, 1/2, HVY, PL
27	30002982907	2	SKID SHOE
28	34802981411	1	WELDMENT, DECK 50" HEAD
29	30002961038	1	GASKET-SPINDLE/MOTOR
30	34802964457	1	PAN ASSY 50" HEAD
31	30002964861	4	SHCS 3/4 NC 4 PL8
32	30015B600	14	WASHER 3/8 SAE P
33	30000003901	4	LOCKWASHER, 3/4, HVY, PL
34	30000059700	14	FSCS 3/8 NC 1-1/4
35	34802968859A	1	ASY,SPINDLE HOUSING-SPLINED
36	30003200269	8	HHCS 3/4 NC 3 PL8
37	30002963645	8	HHCS 3/4 NC 1-3/4 PL8
38	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
39	3005312316	16	FLATWASHER 3/4 HARDENED
40	34802986200	1	WELDMENT, HITCH POST
41	33002989904	1	MOTOR,HYD, GEAR, 5.73, HP SEAL
42	30000749101	2	SPLIT FLANGE KIT #24
43	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
44	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
47	30002958858	1	#16MJ-16FJ TUBE 90°
48	30002984822	1	SPACER BLADE PAN

50 IN ROTARY - GEAR, PAN, SWIVEL PN 34802986212 PART 1



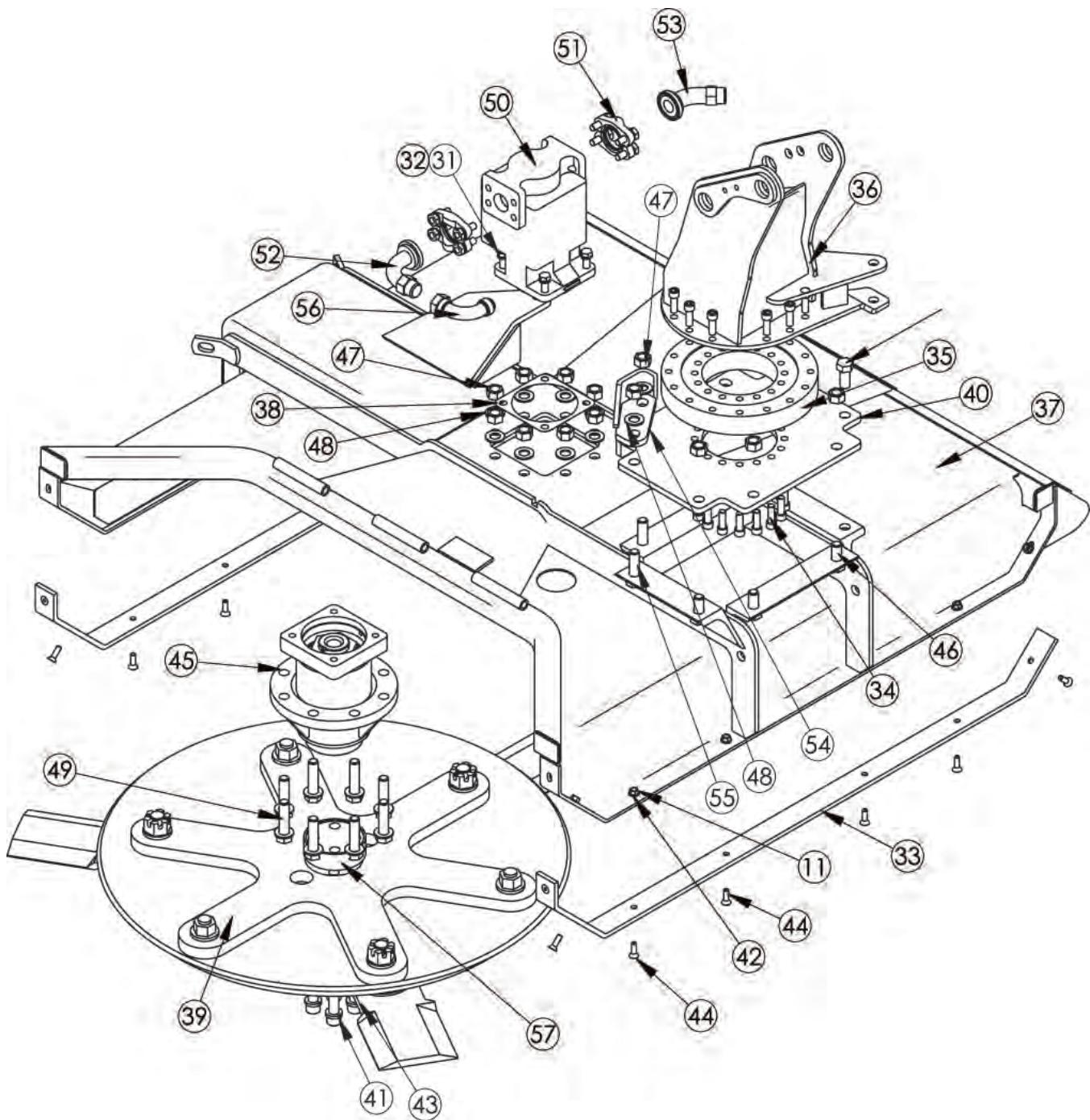
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	34802982914	1	WELDMENT, DOOR
3	30002982915	1	ROD, HINGE
4	30099338S	2	PIN ROLL 1/4 X 3/4
5	30002982919	2	FLAP, 8 1/2 X 52 X 3/8 THK

**50 IN ROTARY - GEAR, PAN, SWIVEL PN 34802986212 PART 1**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
6	30002982918	1	BAR, HOLD DOWN, FLAP
7	30002982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	30002982921	1	BAR, CLAMP, REAR
9	30000011100	36	FLATWASHER STD 3/8 - PLATED
10	30000023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	30000015800	18	LOCKNUT TLM 3/8-NC PLC
12	30000007000	9	BOLT 3/8NC X 1-3/4 PL5
13	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
14	34802981757	2	WELDMENT, PIN, HITCH POST
15	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
16	30002971701	2	NUT SLOT 1-3/8 12NF PLB
17	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
18	300651102	1	PIN-DRILLED
19	30002976448	1	PIN,5/8 X 2-1/2
20	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL
21	30002968837	1	VINYL TAPE, YELLOW, 1/4"
22	30002968836	1	VINYL TAPE, YELLOW, 1/2"
23	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
24	30002968832	1	VINYL TAPE, GREEN, 1/2"
25	30002968833	1	VINYL TAPE, GREEN, 1/4"
26	33003200762	2	ADP, HYD 6MB-4MJ 90
27	30002968894	1	VINYL TAPE, RED, 1/2"
29	3003710151	4	METAL TACK
30	30002986681	1	PLATE S/N 50", ROTARY, GEAR
37	34802981411	1	WELDMENT, DECK 50" HEAD
58	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
59	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
60	30002991555	2	VINYL TAPE, WHITE, 1/4"
61	300002416	4	ROLL PIN 1/4 X 1-1/2 LG
62	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
63	30002995472	1	PIN, 3/4" X 4" U.L.

**50 IN ROTARY - GEAR, PAN, SWIVEL PN 34802986212 PART 2**



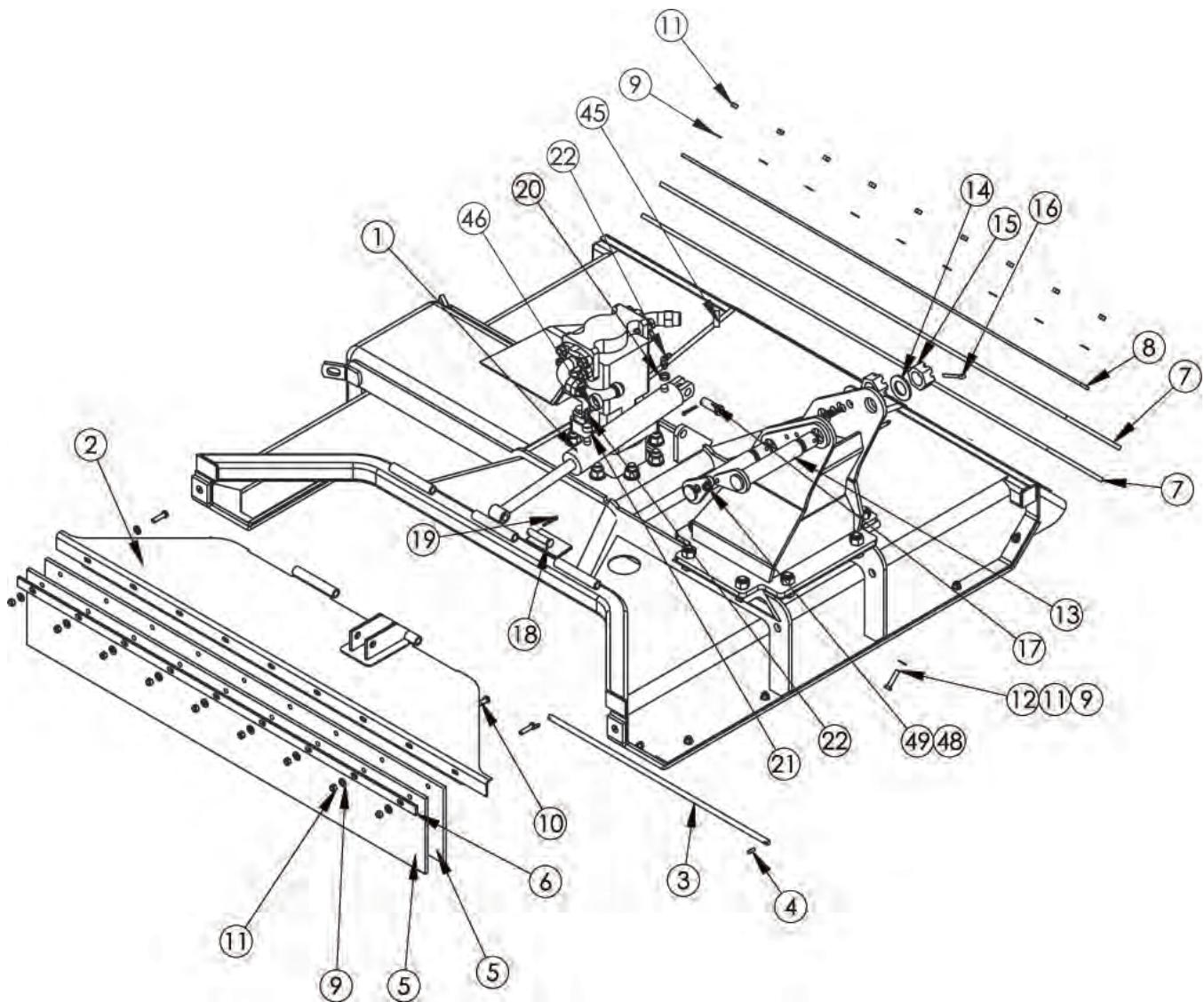
ITEM	PART NO.	QTY.	DESCRIPTION
11	30000015800	18	LOCKNUT TLM 3/8-NC PLC
31	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
32	30000019600	4	LOCKWASHER, 1/2, HVY, PL
33	30002982907	2	SKID SHOE
34	30002981820	28	SHCS 1/2 NC 1-1/2 PL8

## 50 IN ROTARY - GEAR, PAN, SWIVEL PN 34802986212 PART 2

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
35	300002981318	1	SLEWING BEARING, 12 OD X 5.8 ID
36	34802985319	1	WELDMENT, HITCH POST
37	34802981411	1	WELDMENT, DECK 50" HEAD
38	30002961038	1	GASKET-SPINDLE/MOTOR
39	34802964457	1	PAN ASSY 50" HEAD
40	30002981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
41	30002964861	4	SHCS 3/4 NC 4 PL8
42	30015B600	14	WASHER 3/8 SAE P
43	30000003901	4	LOCKWASHER, 3/4, HVY, PL
44	30000059700	14	FSCS 3/8 NC 1-1/4
45	34802968859A	1	ASY,SPINDLE HOUSING-SPLINED
46	HHCS 3/4 NC 1-6/4 PL8		6.0000
47	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
48	3005312316	18	FLATWASHER 3/4 HARDENED
49	30003200269	8	HHCS 3/4 NC 3 PL8
50	33002989904	1	MOTOR,HYD, GEAR, 5.73, HP SEAL
51	30000749101	2	SPLIT FLANGE KIT #24
52	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
53	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
54	34802984002	1	WLDMNT, STOP, SWIVEL
55	30002963646	2	HHCS 3/4 NC 2-1/2 PL8
56	30002958858	1	#16MJ-16FJ TUBE 90°
57	30002984822	1	SPACER BLADE PAN

**50 IN ROTARY - BLADE BAR HEAD ASY (SOLID MNT) (PART 1) PN 34802986211**



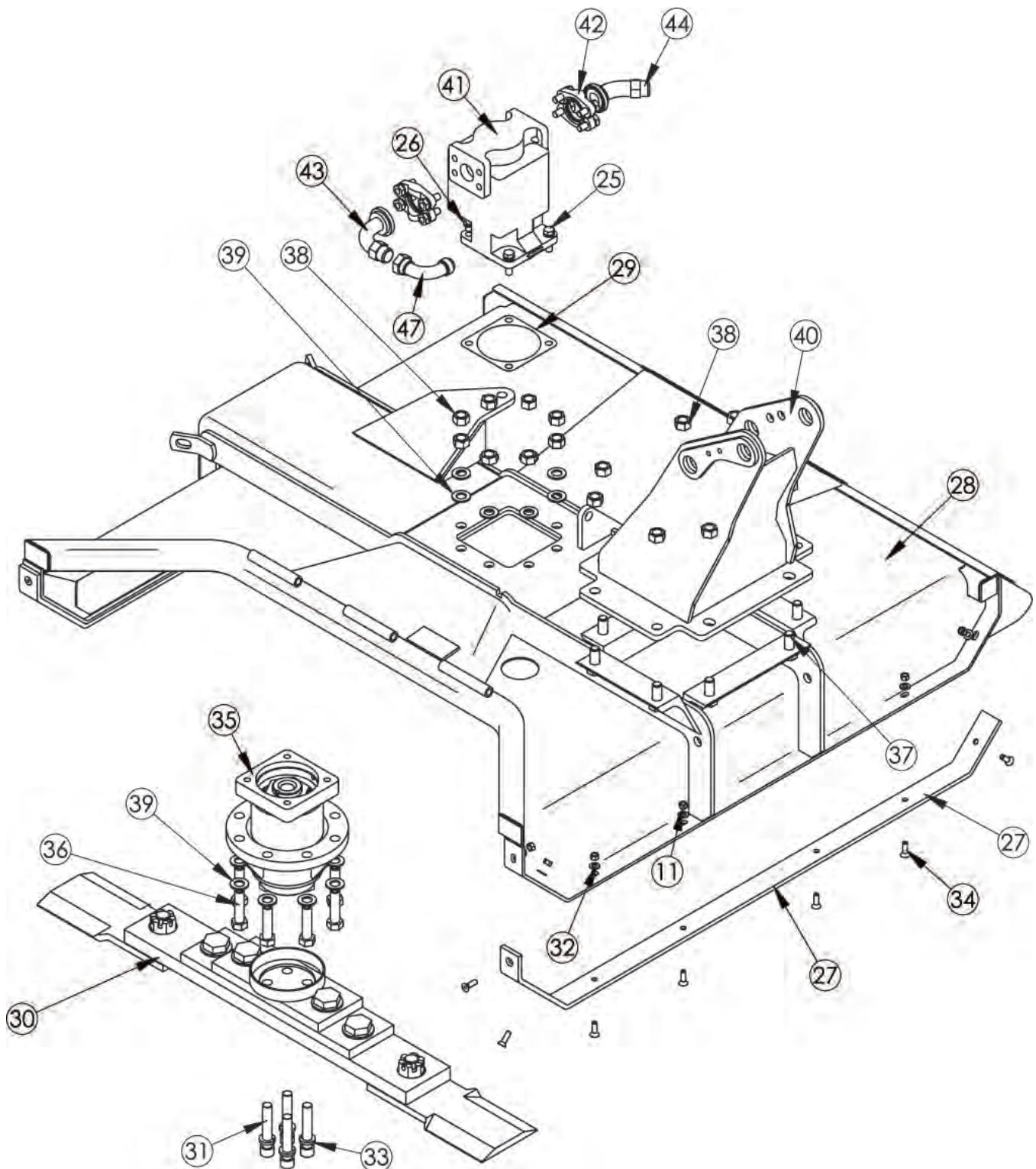
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	34802982914	1	WELDMENT, DOOR
3	30002982915	1	ROD, HINGE
4	30099338S	2	PIN ROLL 1/4 X 3/4
5	30002982919	2	FLAP, 8 1/2 X 52 X 3/8 THK
6	30002982918	1	BAR, HOLD DOWN, FLAP
7	30002982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	30002982921	1	BAR, CLAMP, REAR
9	30000011100	36	FLATWASHER STD 3/8 - PLATED
10	30000023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	30000015800	32	LOCKNUT TLM 3/8-NC PLC
12	30000007000	9	BOLT 3/8NC X 1-3/4 PL5

## 50 IN ROTARY - BLADE BAR HEAD ASY (SOLID MNT) (PART 1) PN 34802986211

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
13	34802981757	2	WELDMENT, PIN, HITCH POST
14	34802971702	2	FLATWASHER, 1-3/8 TYPE B PL NARROW
15	30002971701	2	NUT SLOT 1-3/8 12NF PLB
16	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
17	300651102	1	PIN-DRILLED
18	30002976448	1	PIN,5/8 X 2-1/2
19	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL
20	30002968837	1	VINYL TAPE, YELLOW, 1/4"
21	30002968836	1	VINYL TAPE, YELLOW, 1/2"
22	34802960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
30	34802982906	1	ASY, BLADE BAR W/BLADES
45	30002968894	1	VINYL TAPE, RED, 1/2"
46	30002968896	1	VINYL TAPE, BLUE, 1/2"
48	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
49	30002995908	2	NUT SPRLCK FLG 3/8-16 PL

**50 IN ROTARY - BLADE BAR HEAD ASY (SOLID MNT) (PART 2) PN 34802986211**



ITEM	PART NO.	QTY.	DESCRIPTION
11	30000015800	32	LOCKNUT TLM 3/8-NC PLC
25	30002891800	4	HHCS 1/2 NC 1-3/4 PL8

37002988394 - KB1800 and KB2200 (03-10) 05-22

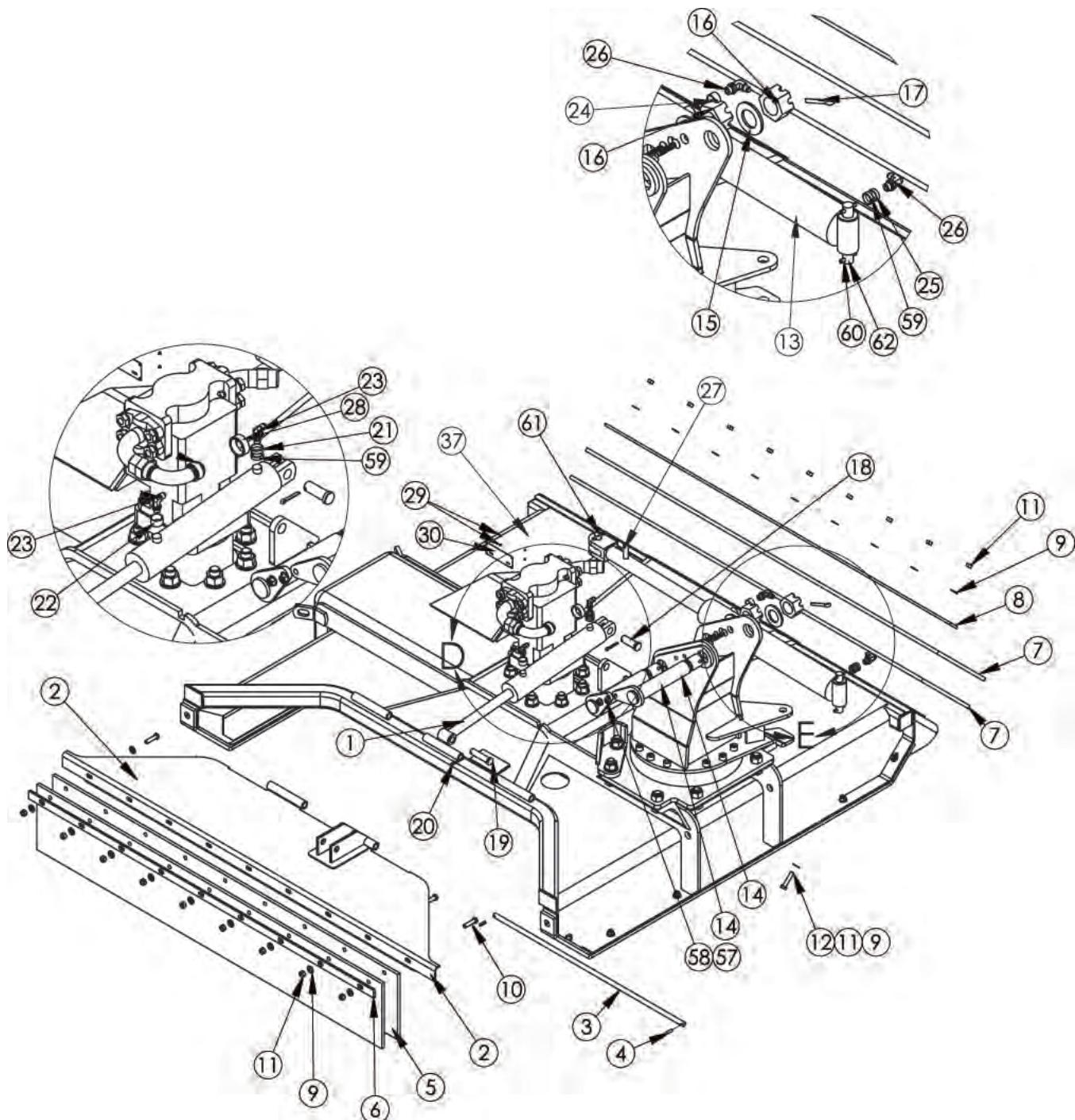
## 50 IN ROTARY - BLADE BAR HEAD ASY (SOLID MNT) (PART 2) PN 34802986211

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
26	30000019600	4	LOCKWASHER, 1/2, HVY, PL
27	30002982907	2	SKID SHOE
28	34802981411	1	WELDMENT, DECK 50" HEAD
29	30002961038	1	GASKET-SPINDLE/MOTOR
30	34802982906	1	ASY, BLADE BAR W/BLADES
31	30002964861	4	SHCS 3/4 NC 4 PL8
32	30015B600	14	WASHER 3/8 SAE P
33	30000003901	4	LOCKWASHER, 3/4, HVY, PL
34	30000059700	14	FSCS 3/8 NC 1-1/4
35	34802968859A	1	ASY,SPINDLE HOUSING-SPLINED
36	30003200269	8	HHCS 3/4 NC 3 PL8
37	30002963645	8	HHCS 3/4 NC 1-3/4 PL8
38	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
39	3005312316	16	FLATWASHER 3/4 HARDENED
40	34802986200	1	WELDMENT, HITCH POST
41	33002989904	1	MOTOR,HYD, GEAR, 5.73, HP SEAL
42	30000749101	2	SPLIT FLANGE KIT #24
43	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
44	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
47	30002958858	1	#16MJ-16FJ TUBE 90°

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**50 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 1) PN 34802986213**



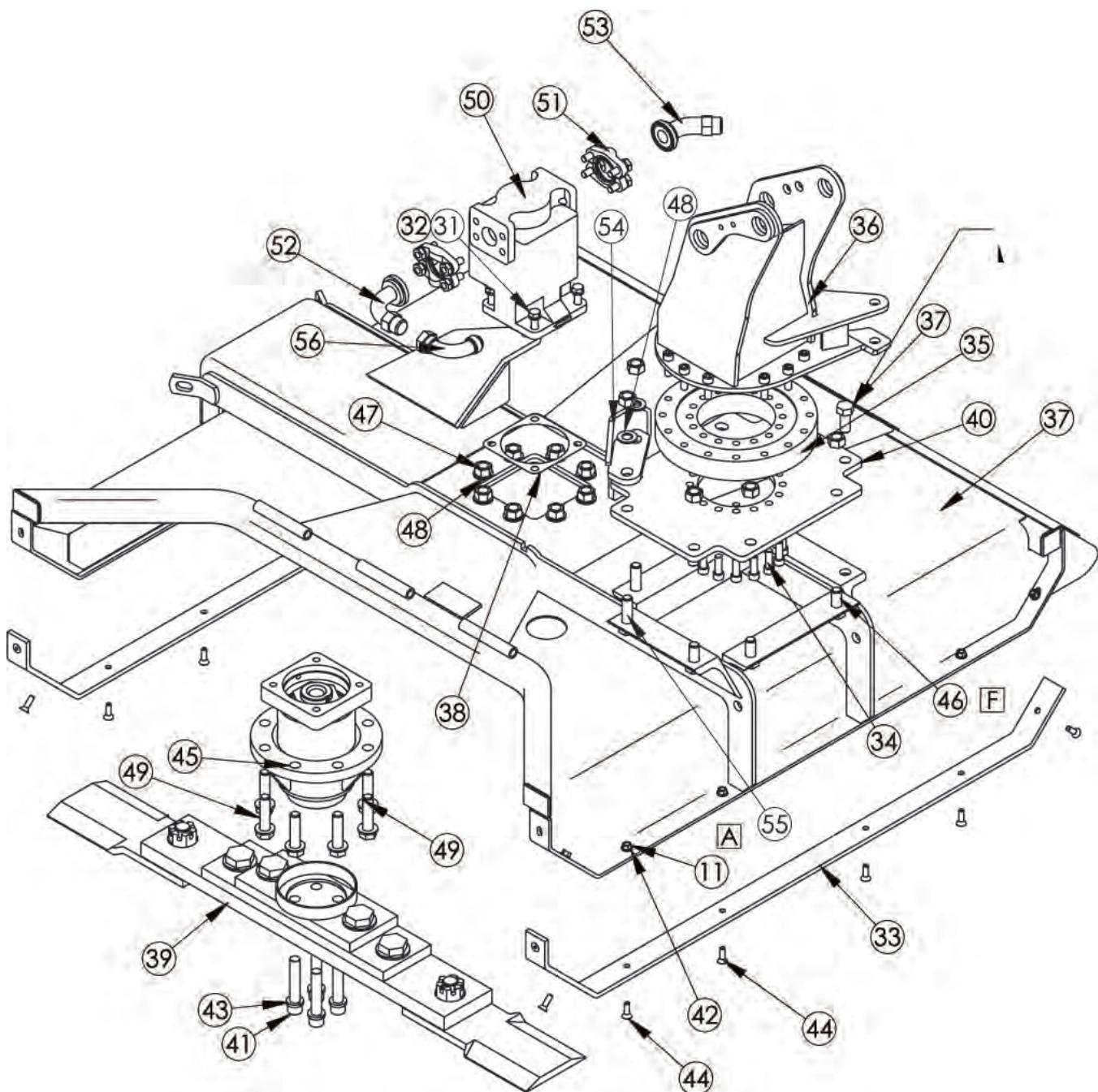
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
2	34802982914	1	WELDMENT, DOOR
3	30002982915	1	ROD, HINGE
4	30099338S	2	PIN ROLL 1/4 X 3/4
5	30002982919	2	FLAP, 8 1/2 X 52 X 3/8 THK

## 50 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 1) PN 34802986213

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
6	30002982918	1	BAR, HOLD DOWN, FLAP
7	30002982920	2	FLAP, REAR 10 X 53 X 3/8 THK
8	30002982921	1	BAR, CLAMP, REAR
9	30000011100	36	FLATWASHER STD 3/8 - PLATED
10	30000023100	9	HHCS 3/8 -16UNC 1-1/2 PL5
11	30000015800	18	LOCKNUT TLM 3/8-NC PLC
12	30000007000	9	BOLT 3/8NC X 1-3/4 PL5
13	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
14	34802981757	2	WELDMENT, PIN, HITCH POST
15	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
16	30002971701	2	NUT SLOT 1-3/8 12NF PLB
17	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
18	300651102	1	PIN-DRILLED
19	30002976448	1	PIN,5/8 X 2-1/2
20	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL
21	30002968837	1	VINYL TAPE, YELLOW, 1/4"
22	30002968836	1	VINYL TAPE, YELLOW, 1/2"
23	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
24	30002968832	1	VINYL TAPE, GREEN, 1/2"
25	30002968833	1	VINYL TAPE, GREEN, 1/4"
26	33003200762	2	ADP, HYD 6MB-4MJ 90
27	30002968894	1	VINYL TAPE, RED, 1/2"
28	30002968896	1	PLASTIC TIE, ORANGE, 11LG
29	3003710151	4	METAL TACK
30	30002986681	1	PLATE S/N 50", ROTARY, GEAR
57	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
58	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
59	30002991555	2	VINYL TAPE, WHITE, 1/4"
60	300002416	4	ROLL PIN 1/4 X 1-1/2 LG
61	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
62	30002995472	1	PIN, 3/4" X 4" U.L.

**50 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 2) PN 34802986213**



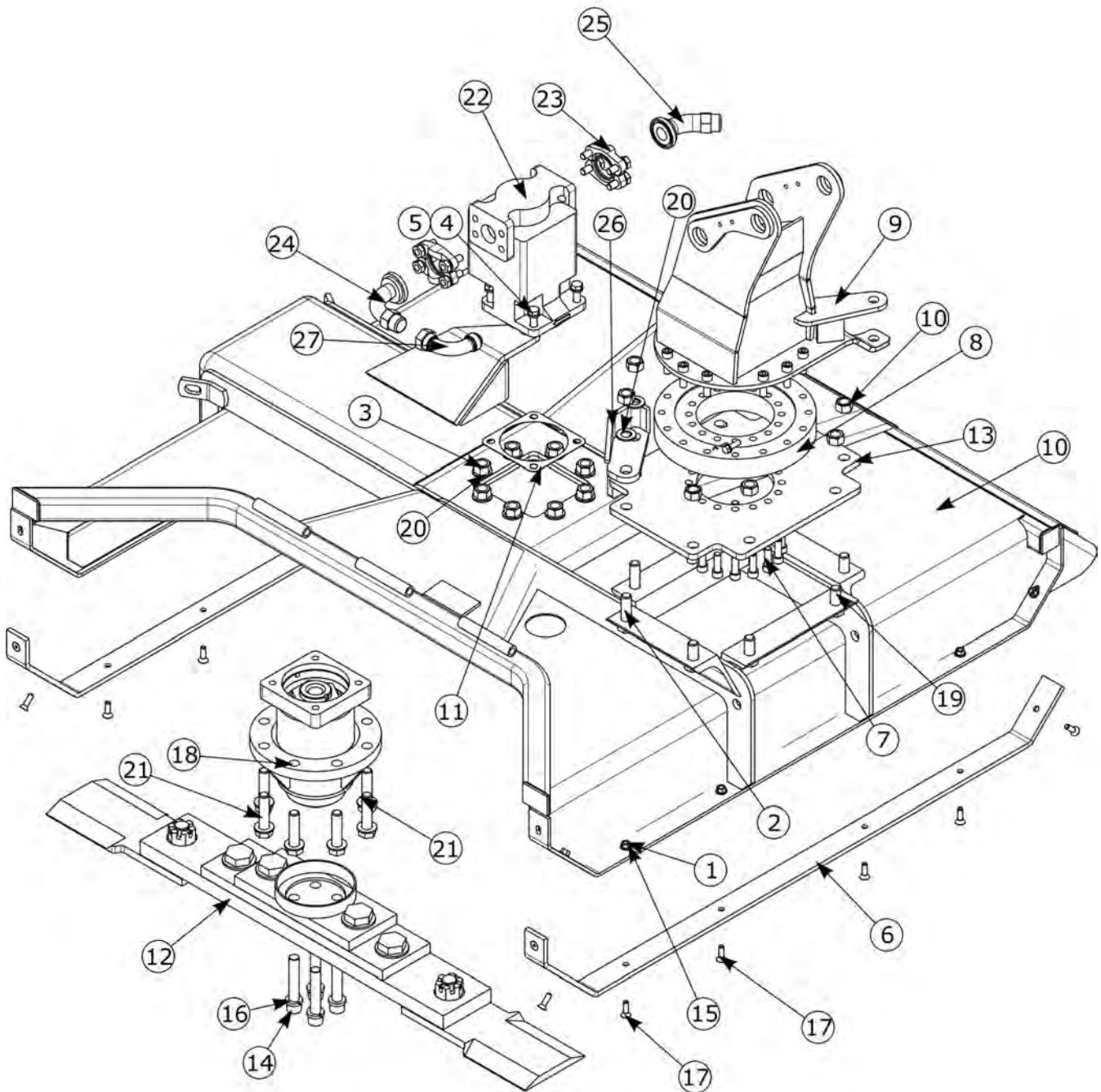
ITEM	PART NO.	QTY.	DESCRIPTION
11	30000015800	18	LOCKNUT TLM 3/8-NC PLC
31	3002891800	4	HHCS 1/2 NC 1-3/4 PL8
32	30000019600	4	LOCKWASHER, 1/2, HVY, PL
33	30002982907	2	SKID SHOE
34	30002981820	28	SHCS 1/2 NC 1-1/2 PL8
35	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
36	30002985319	1	WELDMENT, HITCH POST

## 50 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 2) PN 34802986213

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
37	30002981411	1	WELDMENT, DECK 50" HEAD
38	30002961038	1	GASKET-SPINDLE/MOTOR
39	30002982906	1	ASY, BLADE BAR W/BLADES
40	30002981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
41	30002964861	4	SHCS 3/4 NC 4 PL8
42	30015B600	14	WASHER 3/8 SAE P
43	30000003901	4	LOCKWASHER, 3/4, HVY, PL
44	30000059700	14	FSCS 3/8 NC 1-1/4
45	34802968859A	1	ASY,SPINDLE HOUSING-SPLINED
46	30002963645	6	HHCS 3/4 NC 1-3/4 PL8
47	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
48	3005312316	18	FLATWASHER 3/4 HARDENED
49	30003200269	8	HHCS 3/4 NC 3 PL8
50	33002989904	1	MOTOR,HYD, GEAR, 5.73, HP SEAL
51	30000749101	2	SPLIT FLANGE KIT #24
52	33000751842	1	ADP HYD ELBOW 24FL - 16MJ - 90
	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
53	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
54	34802984002	1	WLDMNT, STOP, SWIVEL
55	30002963646	2	HHCS 3/4 NC 2-1/2 PL8
56	30002958858	1	#16MJ-16FJ TUBE 90°

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



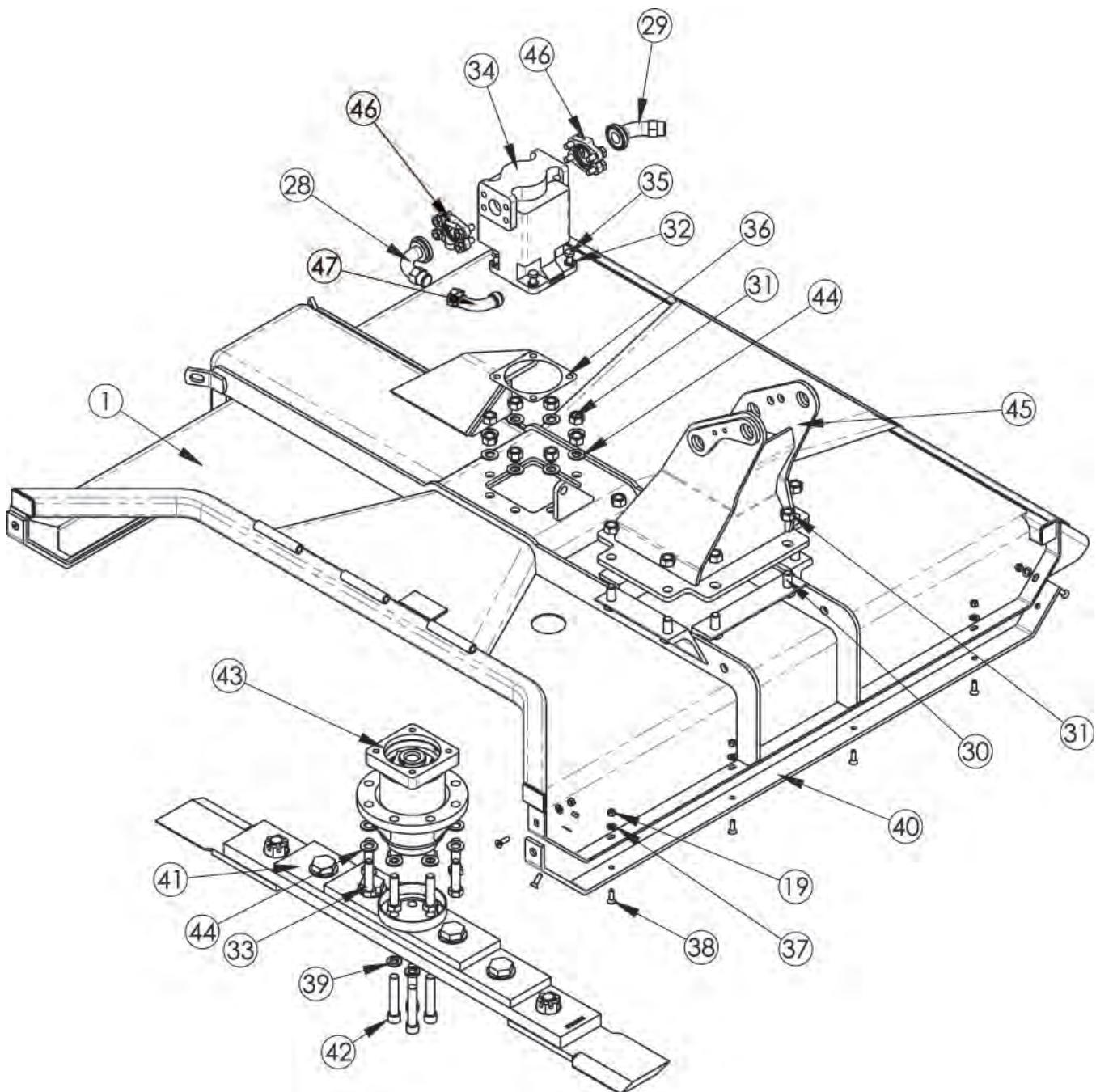
## 50 IN ROTARY - BLADE BAR HEAD SUB-ASY (SWIVEL MNT)

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30000015800	18	LOCKNUT TLM 3/8 NC PLC
2	30002963646	3	HHCS 3/4 NC 2-1/2 PL8
3	30000037200	18	NUT 3/4 NC LOCKNUT
4	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
5	30000019600	4	LOCKWASHER, 1/2 HVY, PLATED
6	34802982907	2	SKID SHOE
7	30002981820	28	SHCS 1/2 NC X 1 1/2" LG PL8
8	30002981318	1	SLEWING BEARING, 12 OD X 5.8 ID
9	34802985319	1	WELDMENT, HITCH POST
10	34802981411	1	WELDMENT, DECK 50" HEAD
11	30002961038	1	GASKET
12	34802982906	1	ASY, BLADE BAR W/BLADES
13	34802981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
14	30002964861	4	SHCS 3/4 NC 4" LG PL8
15	30015B600	14	WASHER 3/8 SAE P
16	30000003901	4	LOCKWASHER 3/4 HEAVY
17	30000059700	14	FSCS 3/8 NC X 1-1/4
18	34802968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
19	30002963645	6	HHCS 3/4 NC 1-3/4 PL8
20	3005312316	18	FLATWASHER 3/4 HARDENED
21	30003200269	8	HHCS 3/4 NC 3 PL8
22	33002989904	1	MOTOR, HYD, GEAR, 5.73 HP SEAL
23	33000749101	2	SPLIT FLANGE KIT #24
24	33000751842	1	ADP HYD ELBOW 24FL - 16MJ - 90
25	33000749104	1	ADP HYD ELBOW 24FL - 16MJ - 45
26	34802984002	1	WLDMNT, STOP, SWIVEL
27	33002958858	1	#16MJ-16FJ TUBE 90°

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**60 IN ROTARY - BLADE BAR ASY (PART 1) PN 34802986203**



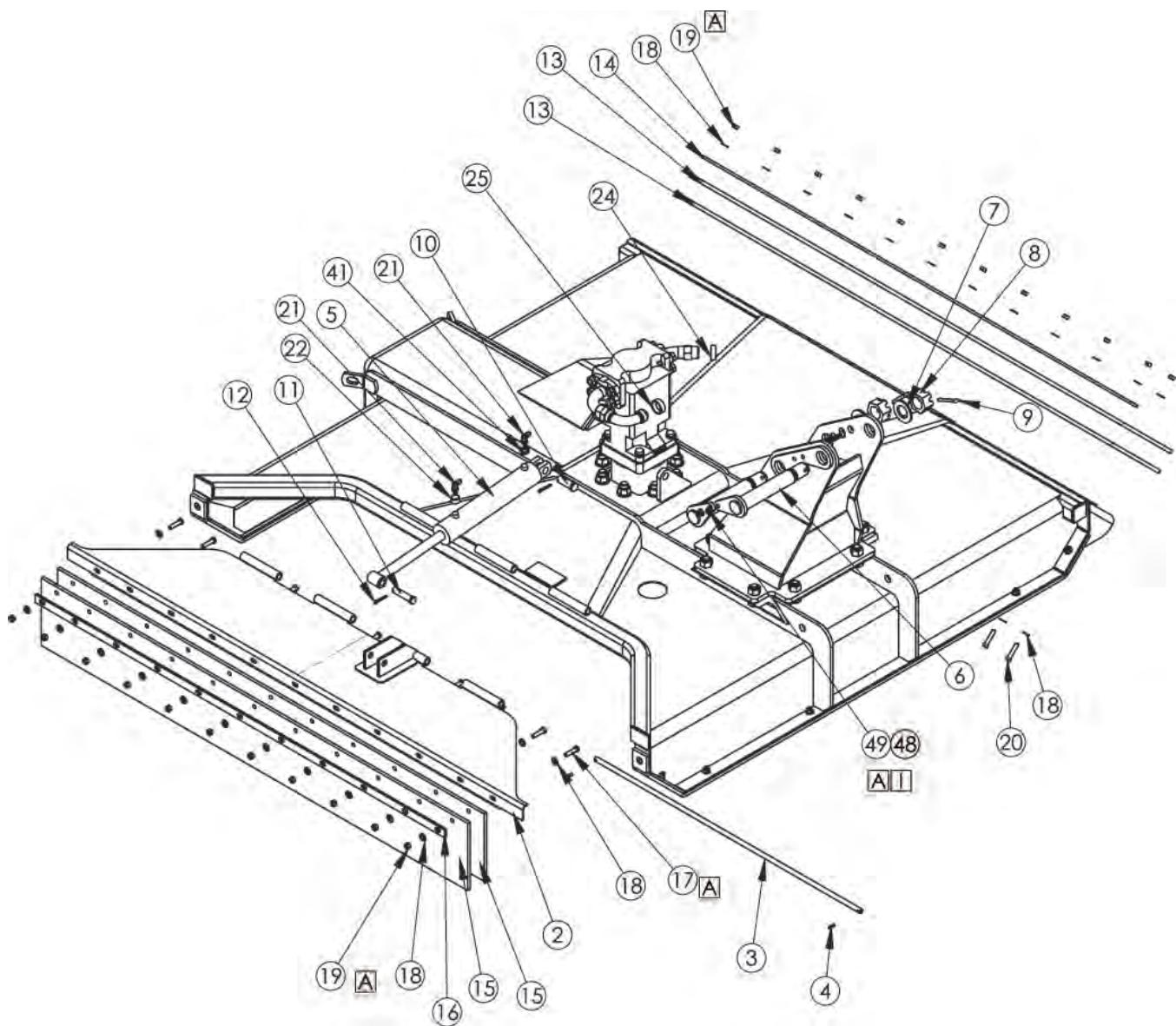
ITEM	PART NO.	QTY.	DESCRIPTION
1	34802981410	1	WELDMENT, 60 ROTARY, SWIVEL
19	30000015800	37	LOCKNUT TLM 3/8-NC PLC
28	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
29	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
30	30002963645	8	HHCS 3/4 NC 1-3/4 PL8
31	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL

## 60 IN ROTARY - BLADE BAR ASY (PART 1) PN 34802986203

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
32	30000019600	4	LOCKWASHER, 1/2, HVY, PL
33	30003200269	8	HHCS 3/4 NC 3 PL8
34	33002989904	1	MOTOR, HYD, GEAR, 5.73, HP SEAL
35	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
36	30002961038	1	GASKET-SPINDLE/MOTOR
37	30015B600	14	WASHER 3/8 SAE P
38	30000059700	14	FSCS 3/8 NC 1-1/4
39	30000003901	4	LOCKWASHER, 3/4, HVY, PL
40	30002966899	2	SKID SHOE
42	30002964861	4	SHCS 3/4 NC 4 PL8
43	33002968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
44	3005312316	16	FLATWASHER 3/4 HARDENED
45	3005312316	16	FLATWASHER 3/4 HARDENED
46	30000749101	2	SPLIT FLANGE KIT #24
47	30002958858	1	#16MJ-16FJ TUBE 90°

**60 IN ROTARY - BLADE BAR ASY (PART 2) PN 34802986203**



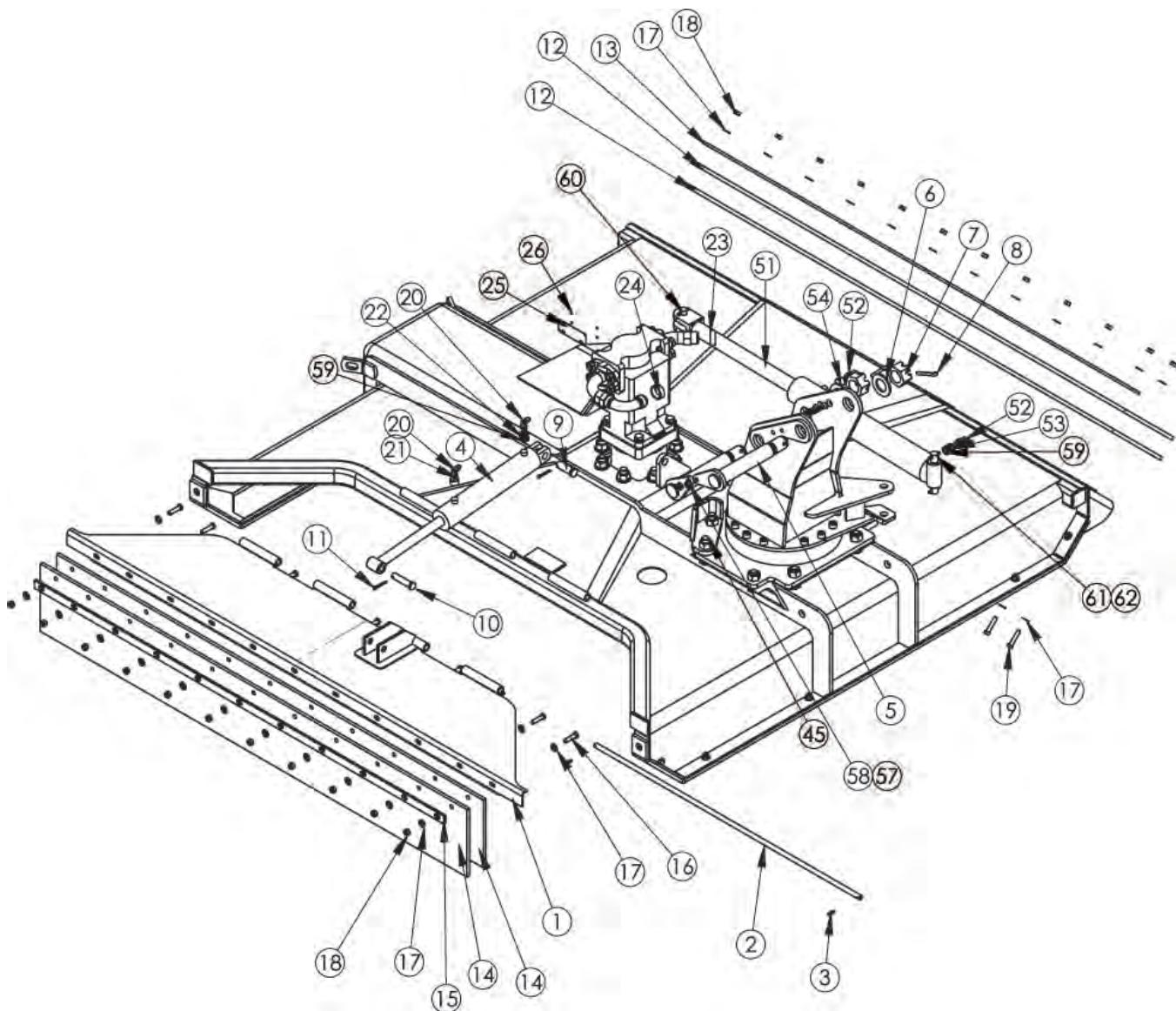
ITEM	PART NO.	QTY.	DESCRIPTION
2	34802971963	1	WELDMENT, DOOR
3	33002967782	1	ROD-HINGE
4	30099338S	2	PIN ROLL 1/4 X 3/4
5	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
6	34802981757	2	WELDMENT, PIN, HITCH POST
7	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
8	30002971701	2	NUT SLOT 1-3/8 12NF PLB
9	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
10	300651102	1	PIN-DRILLED
11	30002976448	1	PIN, 5/8 X 2-1/2
12	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL

## 60 IN ROTARY - BLADE BAR ASY (PART 2) PN 34802986203

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
13	30002885700	2	REAR FLAP 10 X 63 X 3/8 THK
14	33002885800	1	REAR CLAMP BAR
15	30000759862	2	DEBRIS DEFLECTOR
16	30000756875	1	FLAP HOLD DOWN BAR
17	30000023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
18	30000011100	46	FLATWASHER STD 3/8 - PLATED
19	30000015800	37	LOCKNUT TLM 3/8-NC PLC
20	30000007000	12	BOLT 3/8NC X 1-3/4 PL5
21	34802960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
22	30002968836	1	VINYL TAPE, YELLOW, 1/2"
23	30002968837	1	VINYL TAPE, YELLOW, 1/4"
24	30002968894	1	VINYL TAPE, RED, 1/2"
25	30002968896	1	VINYL TAPE, BLUE, 1/2"
48	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
49	30002995908	2	NUT SPRLCK FLG 3/8-16 PL

**60 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 1) - PN 34802986190**

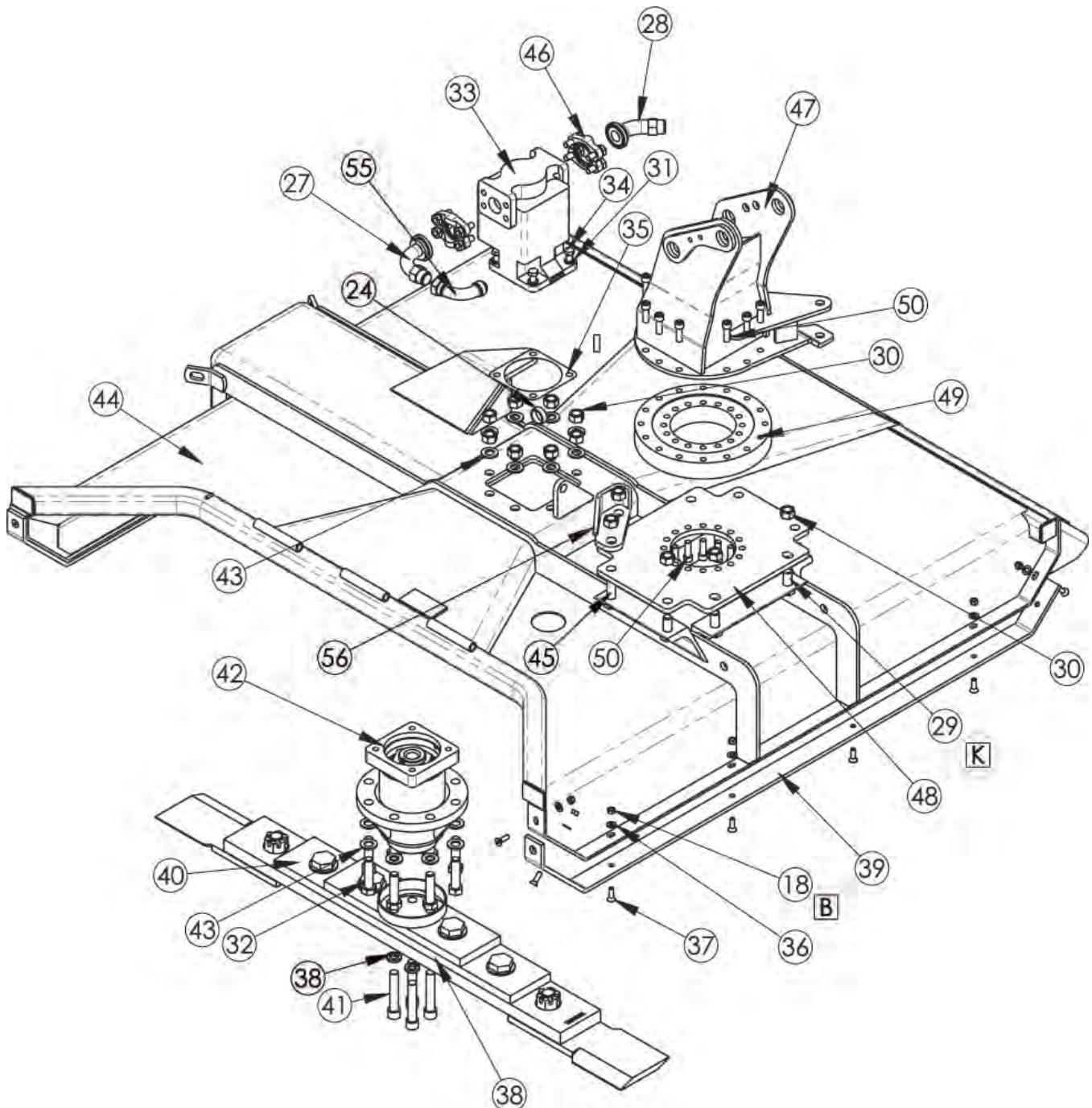


ITEM	PART NO.	QTY.	DESCRIPTION
1	34802971963	1	WELDMENT, DOOR
2	34802967782	1	ROD-HINGE
3	30099338S	2	PIN ROLL 1/4 X 3/4
4	33002961480A	1	HYD CYLINDER 2BORE X 9-1/4
5	34802981757	2	WELDMENT, PIN, HITCH POST
6	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
7	30002971701	2	NUT SLOT 1-3/8 12NF PLB
8	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
9	300651102	1	PIN-DRILLED
10	30002976448	1	PIN,5/8 X 2-1/2
11	30000755153	2	PIN, COTTER 3/16 X 1-1/2 PL

**60 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 1) - PN 34802986190****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
12	34802885700	2	REAR FLAP 10 X 63 X 3/8 THK
13	34802885800	1	REAR CLAMP BAR
14	34800759862	2	SHIELD-DEBRIS DEFLECTOR REAR C
15	30000756875	1	FLAP HOLD DOWN BAR
16	30000023100	11	HHCS 3/8 -16UNC 1-1/2 PL5
17	30000011100	46	FLATWASHER STD 3/8 - PLATED
18	30000015800	37	LOCKNUT TLM 3/8-NC PLC
19	30000007000	12	BOLT 3/8NC X 1-3/4 PL5
20	30002960018	2	ADP HYD ELBOW 4MB-4MJ90
21	30002968836	1	VINYL TAPE, YELLOW, 1/2"
22	30002968837	1	VINYL TAPE, YELLOW, 1/4"
23	30002968894	1	VINYL TAPE, RED, 1/2"
24	30002968896	1	VINYL TAPE, BLUE, 1/2"
51	30002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
52	33003200762	2	ADP, HYD 6MB-4MJ 90
53	30002968833	1	VINYL TAPE, GREEN, 1/4"
54	30002968832	1	VINYL TAPE, GREEN, 1/2"
57	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
58	30002995908	2	NUT SPR LCK FLG 3/8-16 PL
59	30002991555	2	VINYL TAPE, WHITE, 1/4"
60	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
61	30002995472	1	PIN, 3/4" X 4" U.L.
62	300002416	4	ROLL PIN 1/4 X 1-1/2 LG

**60 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 2) - PN 34802986190**



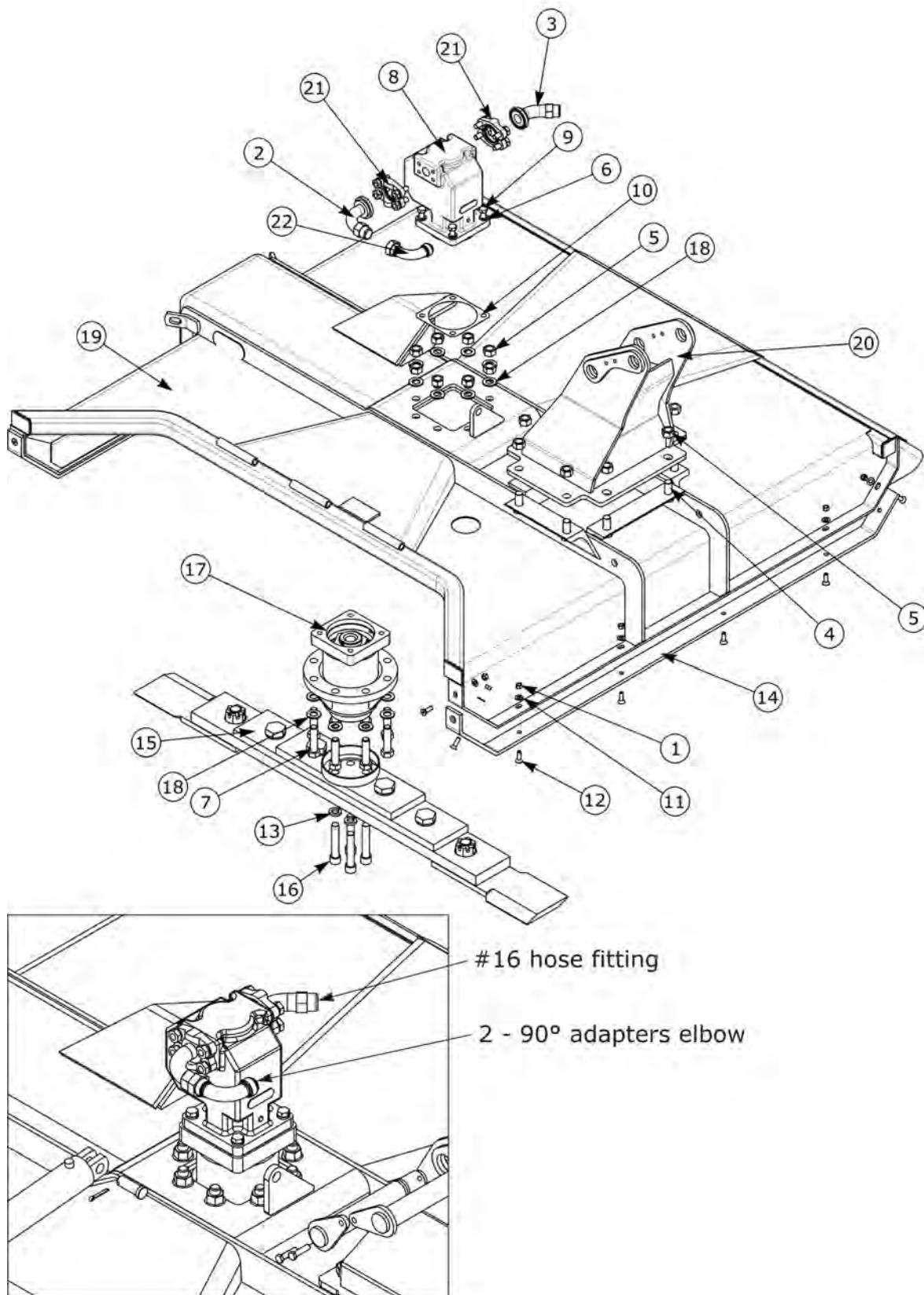
ITEM	PART NO.	QTY.	DESCRIPTION
18	30000015800	37	LOCKNUT TLM 3/8-NC PLC
27	33000751842	1	ADP HYD ELBOW 16MJ-24FL90
28	33000749104	1	ADP HYD ELBOW 24FL-16MJ45
29	30002963645	6	HHCS 3/4 NC 1-3/4 PL8
30	30000037200	16	NUT,HEX TOPLOCK 3/4 NC GR.C PL
31	30000019600	4	LOCKWASHER, 1/2, HVY, PL

## 60 IN ROTARY - BLADE BAR HEAD ASY (SWIVEL MNT) (PART 2) - PN 34802986190

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
32	30003200269	8	HHCS 3/4 NC 3 PL8
33	33002989904	1	MOTOR, HYD, GEAR, 5.73 HP SEAL
34	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
35	30002961038	1	GASKET-SPINDLE/MOTOR
36	30015B600	14	WASHER 3/8 SAE P
37	30000059700	14	FSCS 3/8 NC 1-1/4
38	30000003901	4	LOCKWASHER, 3/4, HVY, PL
39	30002966899	2	SKID SHOE
40	34802969230	1	ASY, BLADE BAR W/BLADES
41	30002964861	4	SHCS 3/4 NC 4 PL8
42	33002968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
43	3005312316	16	FLATWASHER 3/4 HARDENED
44	34802981410	1	WELDMENT, 60 ROTARY, SWIVEL
45	30002963646	2	HHCS 3/4 NC 2-1/2 PL8
46	30000749101	2	SPLIT FLANGE KIT #24
47	34802985319	1	WELDMENT, HITCH POST
48	33002981752	1	PLATE, HITCH POST BOTTOM, MAVERICK
49	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
50	30002981820	28	SHCS 1/2 NC 1-1/2 PL8
55	30002958858	1	#16MJ-16FJ TUBE 90°
56	34802984002	1	WLDMNT, STOP, SWIVEL

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

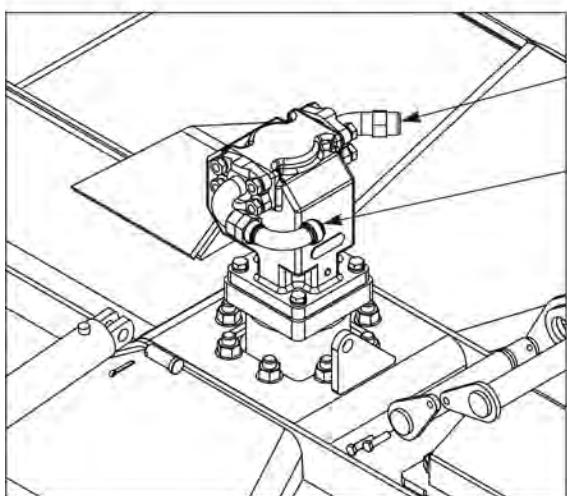
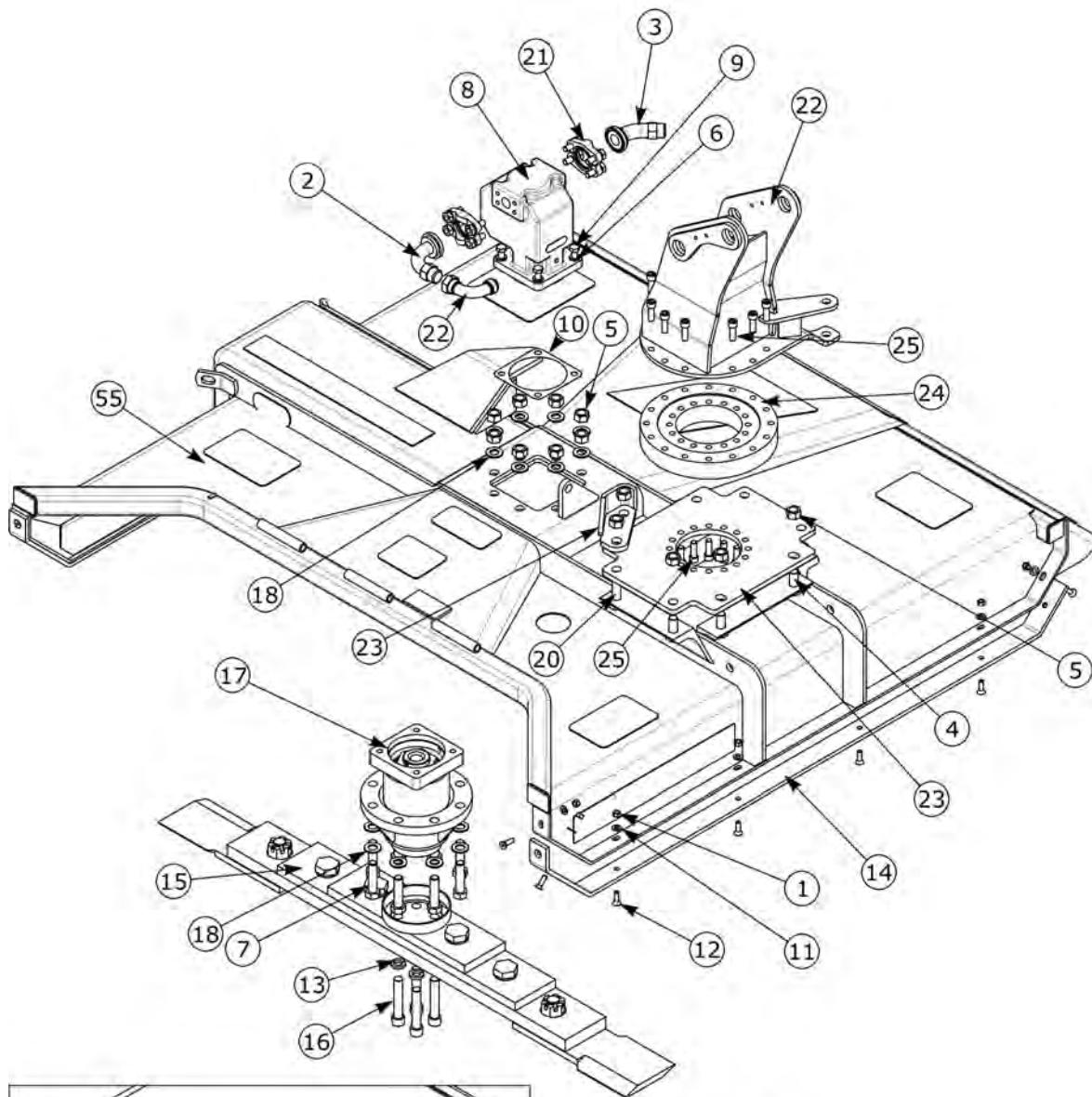


## 60 IN ROTARY - BLADE BAR HEAD SUB-ASY (SOLID MNT)

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30000015800	39	LOCKNUT TLM 3/8 NC PLC
2	33000751842	1	ADP HYD ELBOW 24FL - 16MJ - 90
3	33000749104	1	ADP HYD ELBOW 24FL - 16MJ - 45
4	30002963645	8	HHCS 3/4 NC 1-3/4 PL8
5	30000037200	16	NUT 3/4 NC LOCKNUT
6	30000019600	4	LOCKWASHER 1/2 HEAVY
7	30003200269	8	HHCS 3/4 NC 3 PL8
8	33002989904	1	HYD MOTOR, CAST IRON, SPLINED
9	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
10	30002961038	1	GASKET
11	30015B600	14	WASHER 3/8 SAE P
12	30000059700	14	FSCS 3/8 NC X 1-1/4
13	30000003901	4	LOCKWASHER 3/4 HEAVY
14	34802966899	2	SKID SHOE
15	34802969230	1	ASY, BLADE BAR W/BLADES
16	30002964861	4	SHCS 3/4 NC 4" LG PL8
17	34802968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
18	3005312316	16	FLATWASHER 3/4 HARDENED
19	34802981410	1	WELDMENT,60" ROTARY,SWIVEL
20	34802986200	1	WELDMENT, HITCH POST
21	33000749101	2	SPLIT FLANGE KIT #24
22	33002958858	1	#16MJ-16FJ TUBE 90

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

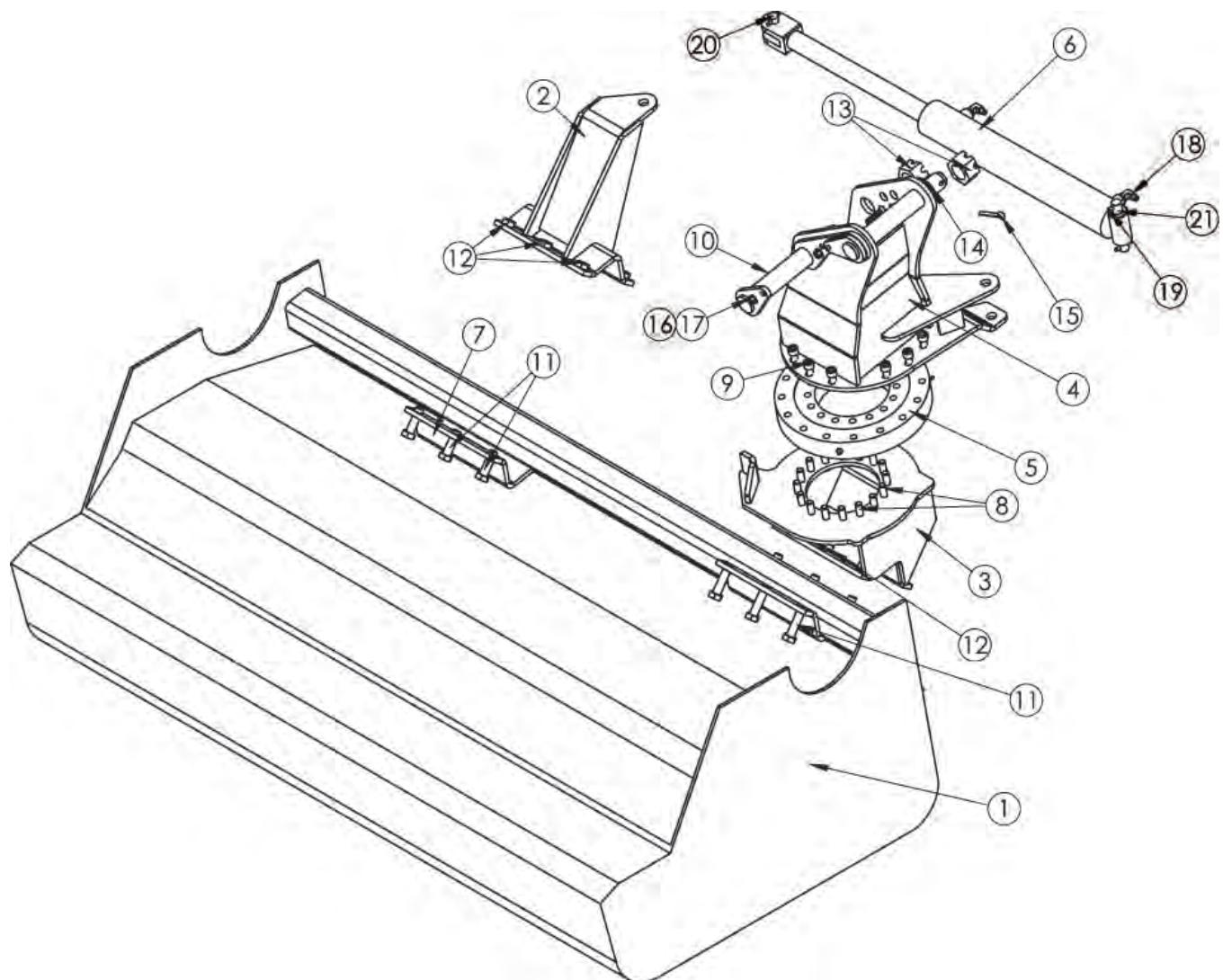


## 60 IN ROTARY - BLADE BAR HEAD SUB-ASY (SWIVEL MNT)

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30000015800	39	LOCKNUT TLM 3/8 NC PLC
2	33000751842	1	ADP HYD ELBOW 24FL - 16MJ - 90
3	33000749104	1	ADP HYD ELBOW 24FL - 16MJ - 45
4	30002963645	6	HHCS 3/4 NC 1-3/4 PL8
5	30000037200	18	NUT 3/4 NC LOCKNUT
6	30000019600	4	LOCKWASHER 1/2 HEAVY
7	30003200269	8	HHCS 3/4 NC 3 PL8
8	33002989904	1	HYD MOTOR, CAST IRON, SPLINED
9	30002891800	4	HHCS 1/2 NC 1-3/4 PL8
10	30002961038	1	GASKET
11	30015B600	14	WASHER 3/8 SAE P
12	30000059700	14	FSCS 3/8 NC X 1-1/4
13	30000003901	4	LOCKWASHER 3/4 HEAVY
14	34802966899	2	SKID SHOE
15	34802969230	1	ASY, BLADE BAR W/BLADES
16	30002964861	4	SHCS 3/4 NC 4" LG PL8
17	34802968859A	1	ASSEMBLY, SPINDLE HOUSING-SPLINED
18	3005312316	16	FLATWASHER 3/4 HARDENED
19	34802981410	1	WELDMENT,60" ROTARY,SWIVEL
20	30002963646	2	HHCS 3/4 NC 2-1/2 PL8
21	33000749101	2	SPLIT FLANGE KIT #24
22	34802985319	1	WELDMENT, HITCH POST
23	34802981752	1	PLATE, HITCH POST BOTTOM
24	30002981318	1	SLEWING BEARING, 12 OD X 5.8 ID
25	30002981820	28	SHCS 1/2 NC X 1 1/2" LG PL8
26	33002958858	1	#16MJ-16FJ TUBE 90°
27	34802984002	1	WLDMNT, STOP, SWIVEL

**60 INCH GRASS FLAIL - GEAR, SWIVEL PN 34802988881 SN BGF60G-B171809 AND BELOW**



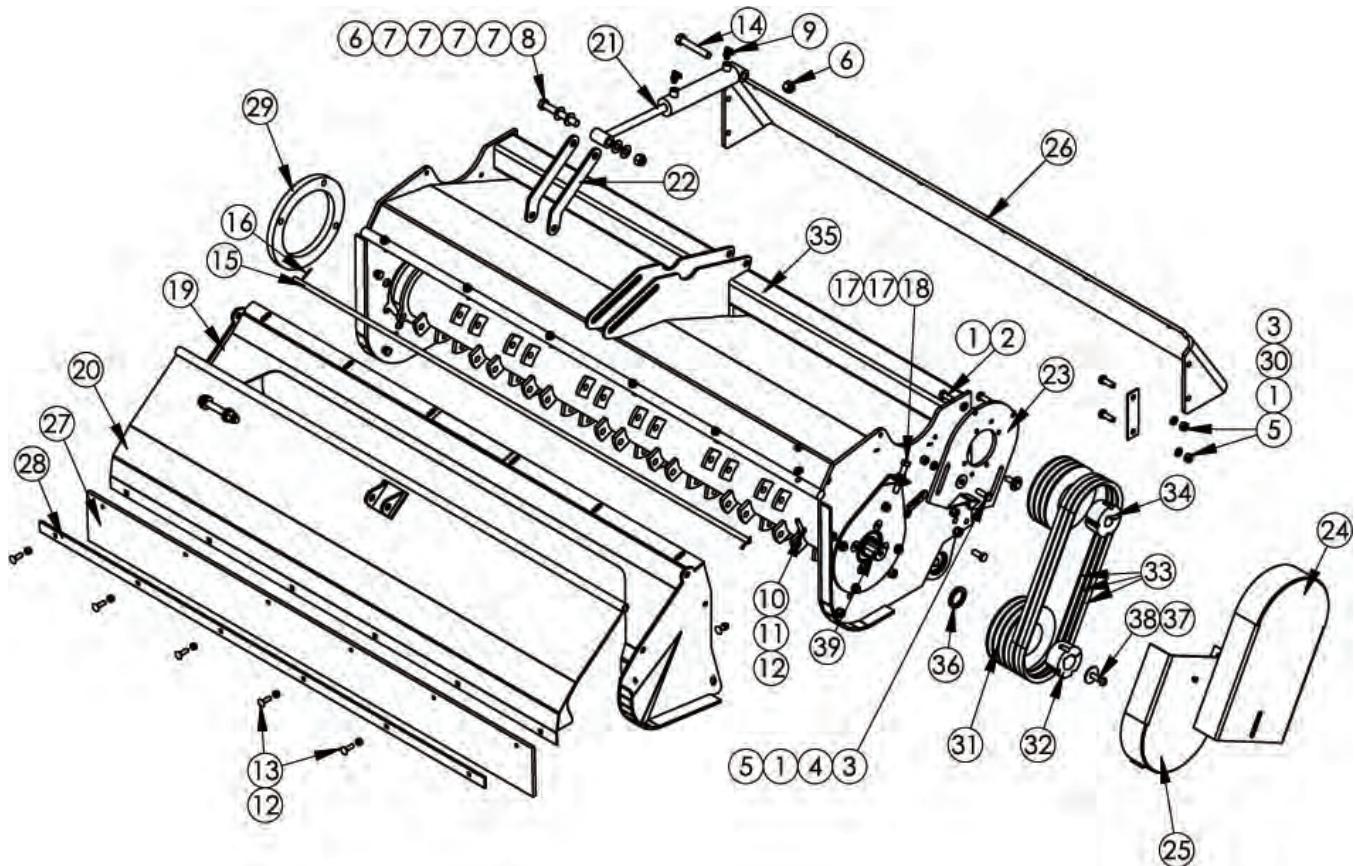
ITEM	PART NO.	QTY.	DESCRIPTION
1	90.162.12	1	FLAILHEAD 1500(P) XT MOTORLESS
2	34802985445	1	WLDMNT, CYL MOUNT
3	34802985447	1	WLDMNT, HITCH SWIVEL
4	34802985319	1	WELDMENT, HITCH POST
5	30002981318	1	SLEW BEARING, 12 OD X 5.8 ID
6	33002981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
7	30002968245	2	PLATE, CLAMP
8	30002892000	16	HHCS, 1/2"-13 NC x 1-1/2" PL8
9	30002981820	12	SHCS 1/2 NC 1-1/2 PL8
10	34802981757	2	WELDMENT, PIN, HITCH POST
11	30002845500	12	BOLT, HHCS 5/8" X 2" LG
12	30000695100	12	LOCKNUT TOPLOCK 5/8NC PLB
13	30002971701	2	NUT SLOT 1-3/8 12NF PLB

**60 INCH GRASS FLAIL - GEAR, SWIVEL PN 34802988881 SN BGF60G-B171809 AND BELOW**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
14	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
15	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
16	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
17	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
18	33003200762	2	ADP, HYD 6MB-4MJ 90
19	300002416	4	ROLL PIN 1/4 X 1-1/2 LG
20	30002995471	1	PIN, 3/4" X 1-7/8" U.L.
21	30002995472	1	PIN, 3/4" X 4" U.L.

**60 INCH GRASS FLAIL - GEAR, SWIVEL PN 30002998031 SN BGF60G-B171810 AND ABOVE**



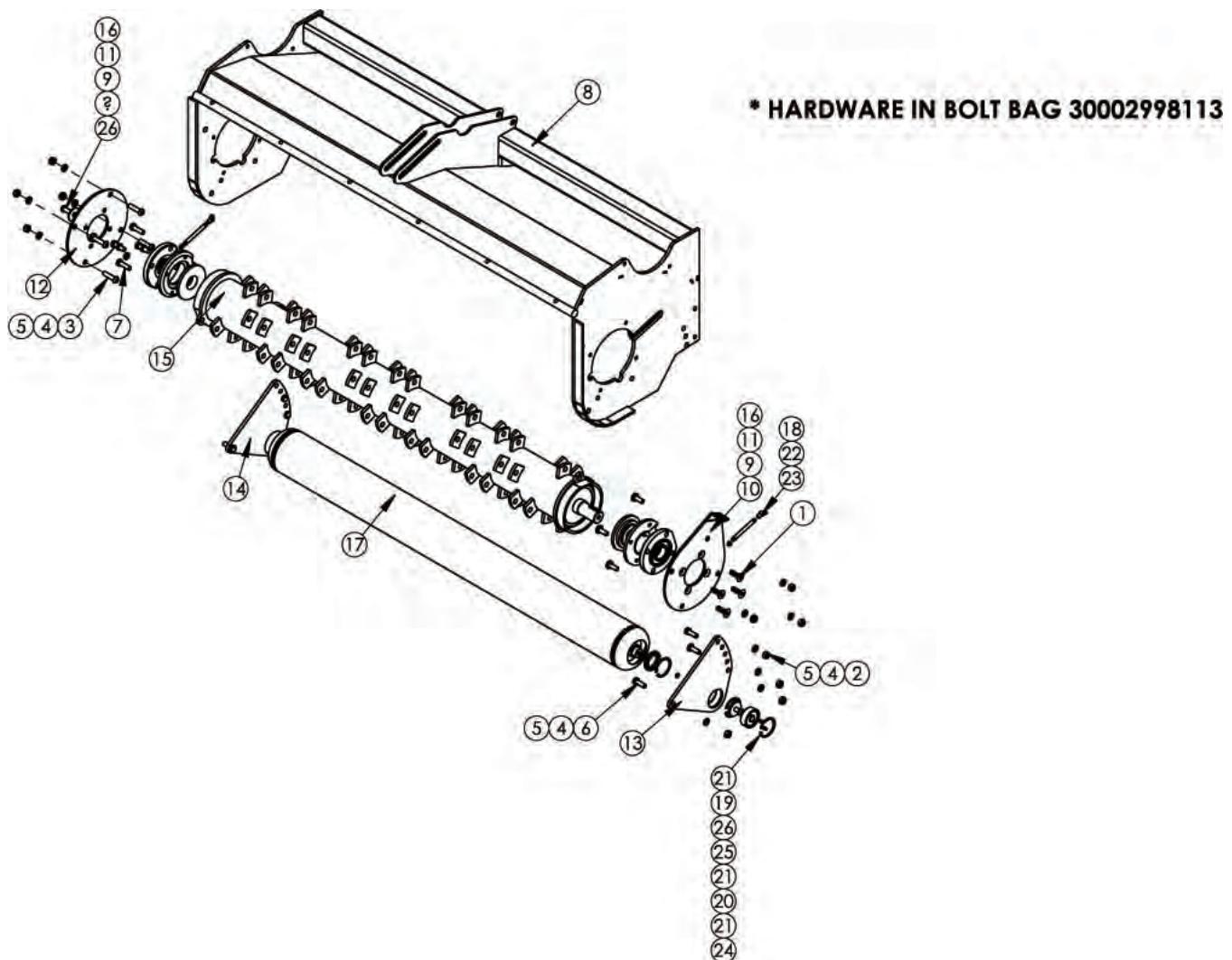
**\* HARDWARE IN BOLT BAG 30002998052**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30000754566	14	LOCKWASHER, 12MM
2	30000756026	3	HHCS 12MM X 30MM LG
3	30002998060	10	HEXB 12MM X 30MM LG
4	30000002700	2	FLATWASHER 1/2 PL STD
5	30000762413	11	NUT MET 12MM
6	30002991279	3	TOP LOCKNUT NYLON 5/8 NC PL8
7	30000001400	8	FLATWASHER 5/8 PL STD
8	30002975147	2	HHCS 5/8"NC X 4-1/2" GR8
9	33002960018	2	ADP, HYD, ELBOW, 4MB-4MJ90
10	30002998061	6	CARB 3/8 X 1 3/4 GR 5 PL
11	30000011100	6	FLATWASHER STD 3/8 - PLATED
12	30000015800	18	LOCKNUT TLM 3/8-NC PLC

**60 INCH GRASS FLAIL - GEAR, SWIVEL PN 30002998031 SN BGF60G-B171810 AND ABOVE****Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
13	300000644	12	CARB 3/8 NC 1-1/4 PL5
14	3007B101130	1	HHCS 5/8 NC 3-3/4 PL8
15	30002997787	1	HINGE PIN
16	30040010000	2	PIN, COTTER 1/8 X1
17	30002988071	2	FLANGE NUT, 1/2"-13 NC
18	30000753013	1	HHCS 1/2 NC 3 PL8
19	30002997795	1	WLDMT SKID
20	30002997796	1	WLDMT, DOOR, GF60
21	30002981316	1	CYLINDER, DOOR
22	30002997788	2	PLATE, HINGE LINK
23	30002998009	1	WLDMT MOTOR MOUNT
24	30002998013	1	WLDMT, COVER, PULLEY, TOP
25	30002998014	1	WLDMT, COVER, PULLEY, BTTM
26	30002997977	1	FLAP, REAR, GF 60
27	30002997978	1	FLAP, FRONT, GF 60
28	30002998032	2	FLAP RETAINER BAR
29	30002998015	1	WLDMT, CAP
30	30002998030	2	PLATE GUARD REAR
31	30003.795.02	2	PULLEY-VEE 180MM PCD X 3SPA
32	30005.424.18	1	BUSH, TAPERLOCK 40MM (2517)
33	30005.299.53	3	BELT 60 FLAIL
34	30005.424.02	1	BUSHING, TAPERLOCK 1-1/8 BORE
35	30002998103	1	ASY, GRSFLAIL, DOOR 60"
36	30002998115	1	THRUST WASHER
37	30002998327	1	WASHER FENDER 1/2 X 1 3/4
38	30002998059	1	BUTTON HD, 12MMX50MM(1.75)
39	30005.960.16	1	KEY-S/REP 12MM X 8MM X 40MM

## 60 INCH GRASS FLAIL - DOOR PN 30002998103



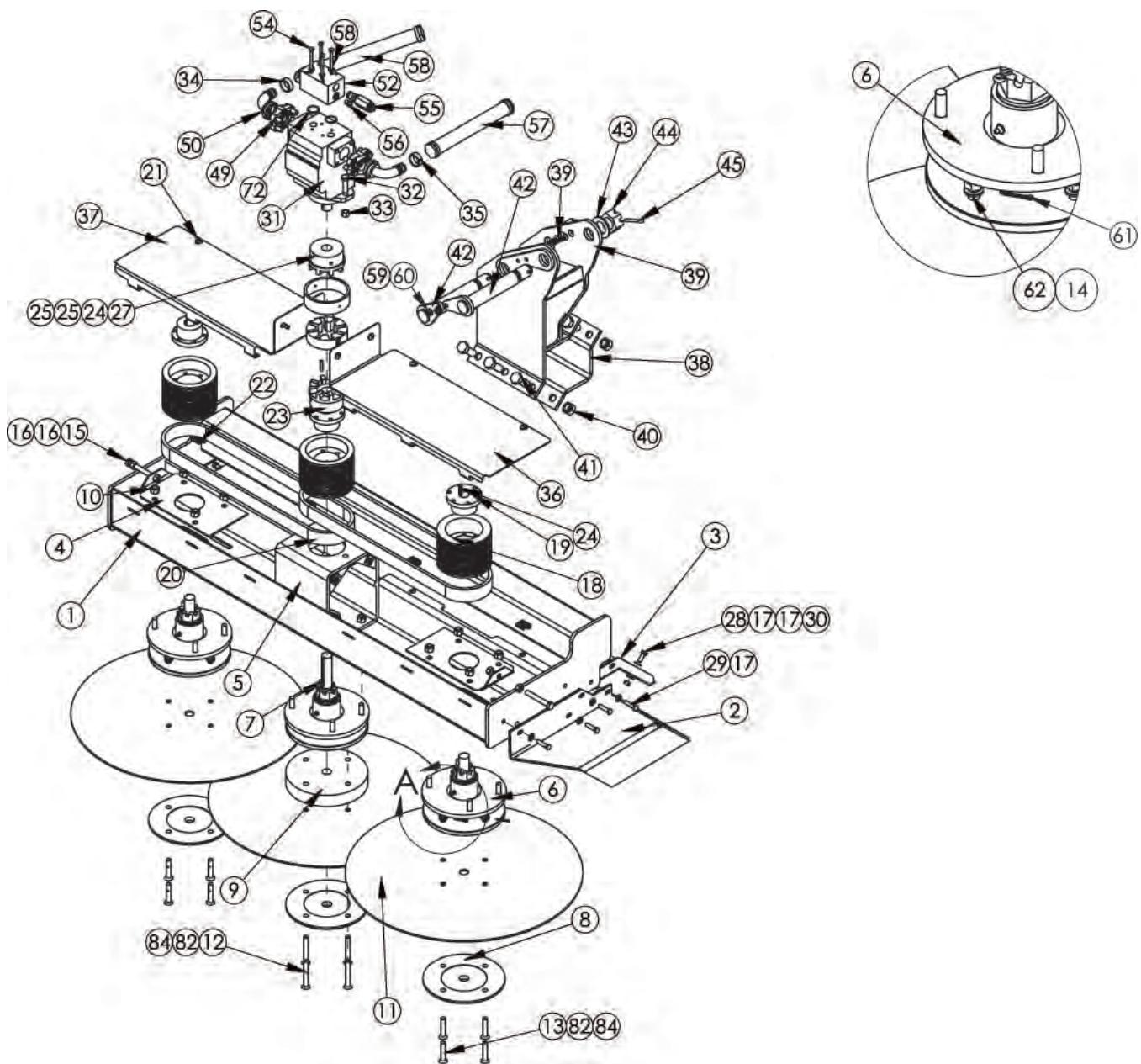
ITEM	PART NO.	QTY.	DESCRIPTION
1	30005.345.05	4	SOCKET CSK SCREW M12X1.75X40
2	30002980728	4	HHCS, M12-P1.75 x 30mm PL10.9
3	30002998059	4	BUTTON HD,12MMX50MM(1.75)
4	30000754566	18	LOCKWASHER, 12MM
5	30000762413	14	NUT MET 12MM
6	30002998060	6	HEXB 12MM X 30MM LG
7	30002980720	4	HHCS M12-P1.75 X 40 PL10.9
8	30002998006	1	WELDMNT, FLAIL HSING
9	30006.221.01	2	BEARING ASSY 40 - BORE
10	30002998007	1	ADJ PLATE WLDMT
11	30002998055	2	PLATE, BACKING
12	30002997987	1	BOLT PLATE
13	30002998008	1	WLDMT, ROLLER ADJ, LH
14	30002998010	1	WLDMT, ROLLER ADJ, RH

## 60 INCH GRASS FLAIL - DOOR PN 30002998103

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
15	30002998011	1	WLDMT 60 INCH FLAIL
16	30002997996	2	DRIVE WASHER
17	30002998012	1	WLDMT, ROLLER, GF 60
18	30002998024	2	1/4-28 X 1/8 NPT ADPT
19	30002998016	2	GREASE CAP
20	30002998022	2	BEARING 62X30
21	30002998023	6	62MM SNAP RING
22	30002998026	2	NIPPLE 1/8 NPT 4"
23	30002998025	2	ZERK 1/8 F 45
24	30002998027	2	SHAFT SEAL
25	30002998114	2	2" HARD WASHER
26	30002998116	3	BUTTON HD,12MMX50MM(1.75)
27	30002998327	1	WASHER FENDER 1/2 X 1 3/4
28	30000723562	4	GREASE FITTING, 1/4-28

**69 IN SAWHEAD - 3 BLADES (SOLID MNT) (PART 1) PN 34802986229**



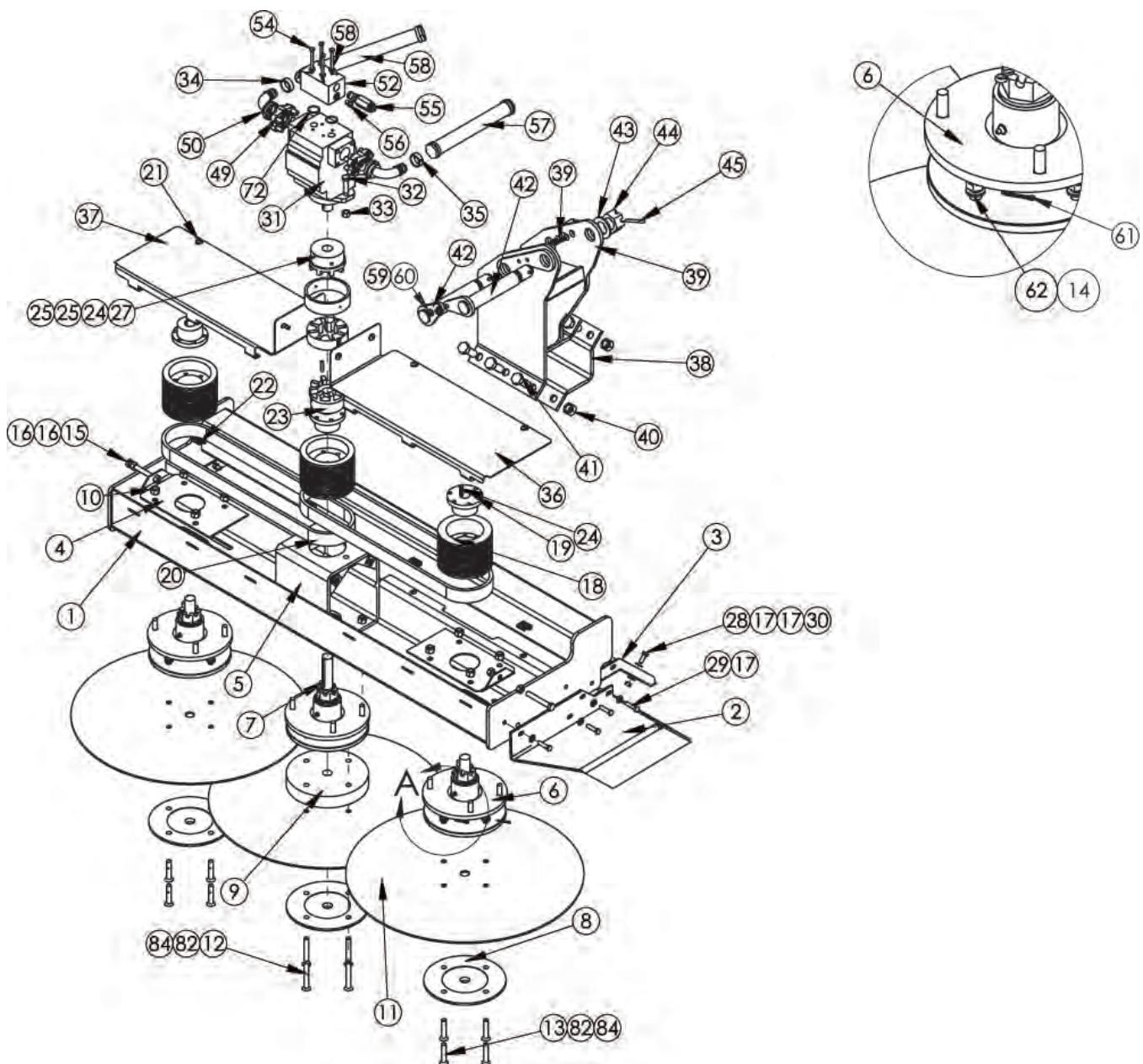
ITEM	PART NO.	QTY.	DESCRIPTION
1	30002983632	1	WELDMENT, SAW BODY 3 BLADE
2	34802974207	1	BUMPER
3	34802979258	1	WLDMT, SHIELD 3 BLADE
4	34802974225	2	BRACKET TENSION ADJUSTMENT
5	34802979262	1	MACHINED TUBE, MOTOR MOUNT
6	34802974235	2	ASY SPINDLE
7	34802978249	1	ASY, DRIVE SPINDLE
8	34802974237	3	END CAP
9	34802974238	1	SPACER

## 69 IN SAWHEAD - 3 BLADES (SOLID MNT) (PART 1) PN 34802986229

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
10	30000750614	12	NUT 1/2 NF
11	34802974236	3	BLADES
12	30002974659	4	CSSH 1/2 NC 3-1/2
13	30002974658	8	CSSH 1/2 NC 2
14	30002976017	12	NUT, SLOTTED 1/2 NC PLB
15	300002521	2	HHCS 1/2 NC 3-1/2, FULL THREAD
16	30000001200	4	NUT HEX 1/2 NC
17	30000011100	10	FLATWASHER STD 3/8 - PLATED
19	34802974240	3	KIT, TAPERED BUSHING SAWHEAD
20	30002974241	2	BELT POLY-V 615L10
21	30002984678	8	STUD 9MM 1/4 TURN
22	30002984677	8	SLIP ON RECEPTACLE 9MM
23	34802978267	1	HUB 20R10 1-1/8 BORE 1/4 KEY
24	34802669600	4	USE 30002669600
25	30002978268	1	INSERT, URETHANE
26	30002978269	1	COVER, PROTECTIVE NYLON FOR
27	30002978266	1	HUB, 20R10 1BORE WITH
28	30000011400	1	HEXB 3/8-16 X 1 PLS
29	30000023100	8	HHCS 3/8 -16UNC 1-1/2 PLS
30	30000015800	9	LOCKNUT TLM 3/8-NC PLC
31	34802975175	1	MOTOR GEAR 3.94 CIR
32	30000749130	2	HHCS 1/2-13UNC 1-3/4 PLS
33	30000001800	2	LOCKNUT TLM 1/2 NC PLC
34	30002968894	1	VINYL TAPE, RED, 1/2"
35	30002968896	1	VINYL TAPE, BLUE, 1/2"
36	34802979255	1	BELT COVER, LEFT 3 BLADE
37	34802970324	1	PLATE,HITCH POST CLAMP
38	34802986218	1	WELDMENT, HITCHPOST
39	30000037200	6	NUT,HEX TOPLOCK 3/4 NC GR.C PL
40	30002918600	6	HHCS 3/4 NC 2 PL8

69 IN SAWHEAD - 3 BLADES (SOLID MNT) (PART 2) PN 34802986229



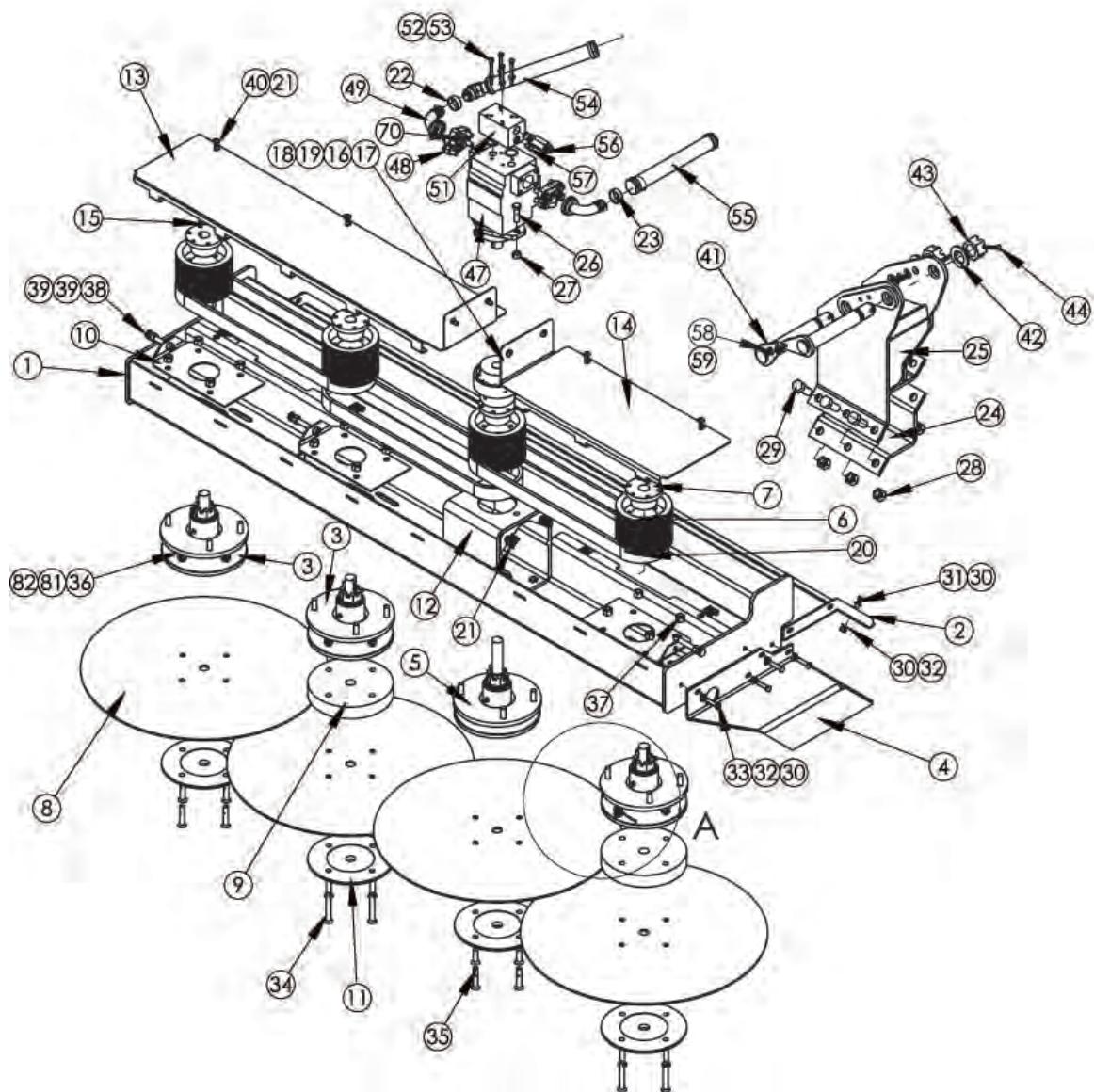
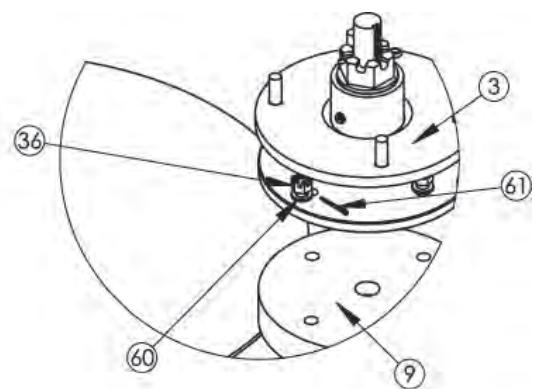
ITEM	PART NO.	QTY.	DESCRIPTION
41	34802981757	2	WELDMENT, PIN, HITCH POST
42	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
43	30002971701	2	NUT SLOT 1-3/8 12NF PLB
44	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
45	30000749103	2	SPLIT FLG KIT #20
49	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
50	33000761699	2	O-RING 1-1/16 X 1-1/4 X 3/32
51	33000760886	1	MANIFOLD BLOCK COMM. MTR.
52	30000024100	4	FLATWASHER STD 1/4 PL

## **69 IN SAWHEAD - 3 BLADES (SOLID MNT) (PART 2) PN 34802986229**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
53	30010074000	4	HHCS
54	33000751790	1	VALVE RELIEF SET TO 1850 PSI
55	30002961940	1	PLUG HEX SKT HD 4MB
56	33002988057	1	HOSE #16-16FJX - 16FJX - 74LG
57	33002969678	1	HOSE #16-16FJX - 16FJX45 - 74LG
60	30040010000	12	PIN, COTTER 1/8 X1
61	30063000500	12	WASHER, FLAT, PLATED
62	34802979296	1	BELT COVER, SHORT

**90 IN SAWHEAD - 4 BLADES - (SOLID HEAD) (PART 1) PN 34802986235**

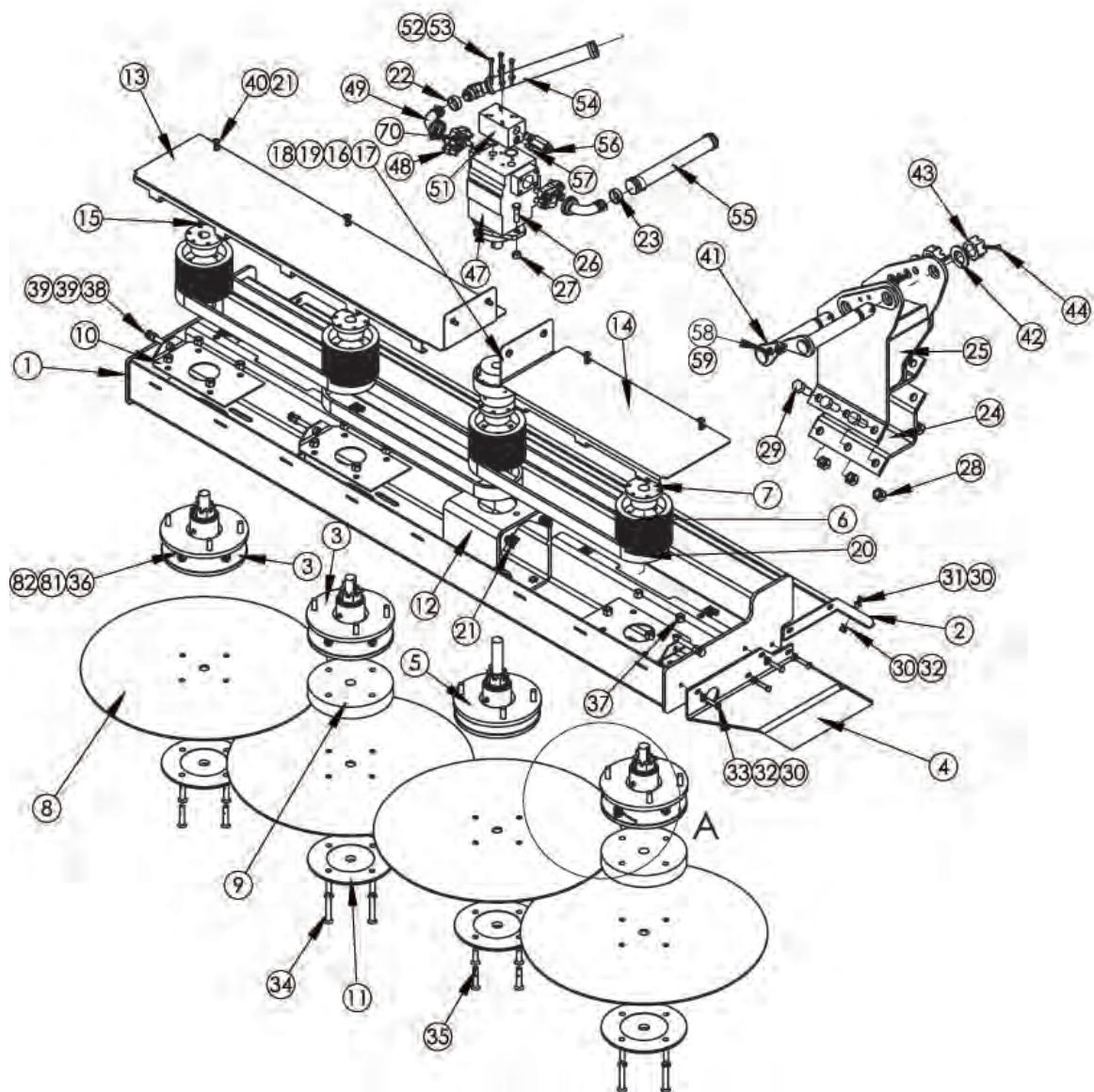
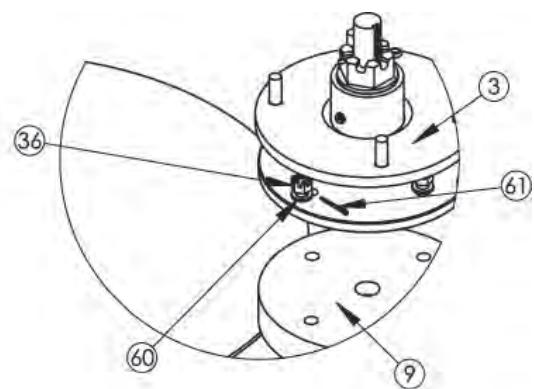


**90 IN SAWHEAD - 4 BLADES - (SOLID HEAD) (PART 1) PN 34802986235**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	34802983633	1	WELDMENT, SAW BODY 4 BLADE
2	34802974212	1	WLDMT SHIELD REAR
3	34802974235	3	ASY SPINDLE
4	34802974207	1	BUMPER
5	34802978249	1	ASY, DRIVE SPINDLE
6	34802974239	4	SHEAVE
7	34802974240	4	KIT, TAPERED BUSHING SAWHEAD
8	34802974236	4	BLADES
9	34802974238	2	SPACER
10	34802974225	3	BRACKET TENSION ADJUSTMENT
11	34802974237	4	END CAP
12	34802979262	1	MACHINED TUBE, MOTOR MOUNT
13	34802979297	1	BELT COVER, LONG
14	34802979296	1	BELT COVER, SHORT
15	34802669600	5	USE 30002669600
16	34802978267	1	HUB 20R10 1-1/8 BORE 1/4 KEY
17	34802978266	1	HUB, 20R10 W/1-1/8" BORE
18	30002978269	1	COVER, PROTECTIVE NYLON FOR
19	30002978268	1	INSERT, URETHANE
20	30002974241	3	BELT POLY-V 615L10
21	30002984677	9	SLIP ON RECEPTACLE 9MM
22	30002968896	1	VINYL TAPE, BLUE, 1/2"
23	30002968894	1	VINYL TAPE, RED, 1/2"
24	30002970324	1	PLATE-CLAMP, HITCHPOST
25	34802986218	1	WELDMENT, HITCHPOST
26	30000749130	2	HHCS 1/2-13UNC 1-3/4 PL5
27	30000001800	2	LOCKNUT TLM 1/2 NC PLC
28	30000037200	6	NUT, HEX TOPLOCK 3/4 NC GR.C PL
29	30002918600	6	HHCS 3/4 NC 2 PL8
30	30000011100	10	FLATWASHER STD 3/8 - PLATED
31	30000011400	1	HEXB 3/8-16 X 1 PL5
32	30000015800	9	LOCKNUT TLM 3/8-NC PLC
33	30000023100	8	HHCS 3/8 -16UNC 1-1/2 PL5
34	30002974659	8	CSSH 1/2 NC 3-1/2
35	30002974658	8	CSSH 1/2 NC 2
36	30002976017	16	NUT, SLOTTED 1/2 NC PLB
37	30000750614	16	NUT 1/2 NF
38	300002521	3	HHCS 1/2 NC 3-1/2, FULL THREAD
39	30000001200	6	NUT HEX 1/2 NC
40	30002984678	9	STUD 9MM 1/4 TURN

**90 IN SAWHEAD - 4 BLADES - (SOLID HEAD) (PART 2) PN 34802986235**

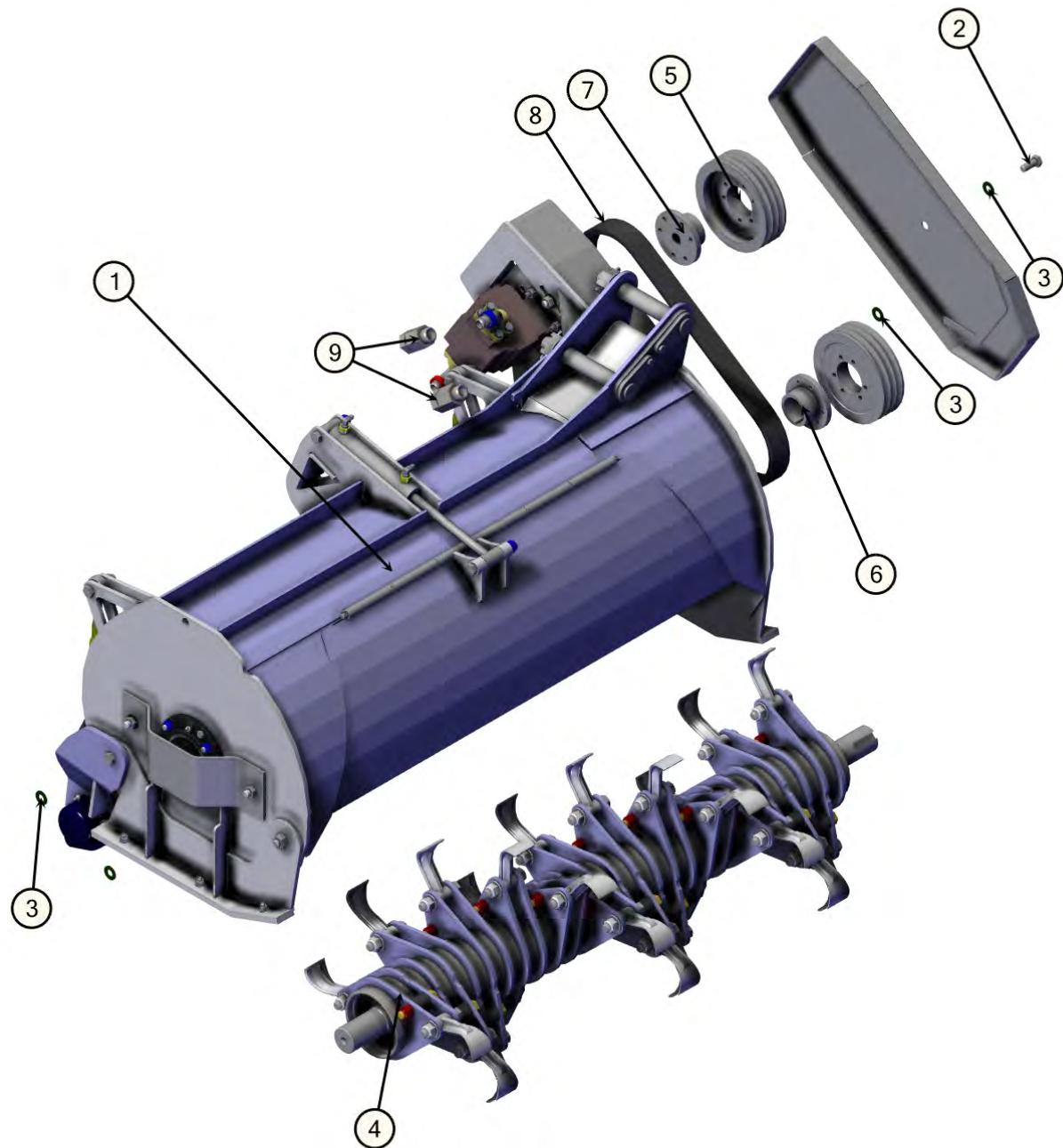


**90 IN SAWHEAD - 4 BLADES - (SOLID HEAD) (PART 2) PN 34802986235**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
41	34802981757	2	WELDMENT, PIN, HITCH POST
42	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
43	30002971701	2	NUT SLOT 1-3/8 12NF PLB
44	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
45	30002975513	1	PLATE S/N PR 48
47	34802975175	1	MOTOR GEAR 3.94 CIR
48	33000749103	2	#20 SPLIT FLANGE KIT
49	33002754100	2	ADP HYD ELBOW 20FL-16MJ90
50	33000761699	2	O-RING 1-1/16 X 1-1/4 X 3/32
51	33000760886	1	MANIFOLD BLOCK COMM. MTR.
52	30000024100	4	FLATWASHER STD 1/4 PL
53	30010074000	4	HHCS
54	33002969678	1	HOSE #16-16FJX - 16FJX45 - 74LG
55	33002988057	1	HOSE #16-16FJX - 16FJX - 74LG
56	33000751790	1	VALVE RELIEF SET TO 1850 PSI
57	30002961940	1	PLUG HEX SKT HD 4MB
58	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
59	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
60	30063000500	16	WASHER, FLAT, PLATED
61	30040010000	16	PIN, COTTER 1/8 X1

ASY ED52 Y-KNIFE P/N 34802995829 PART 1

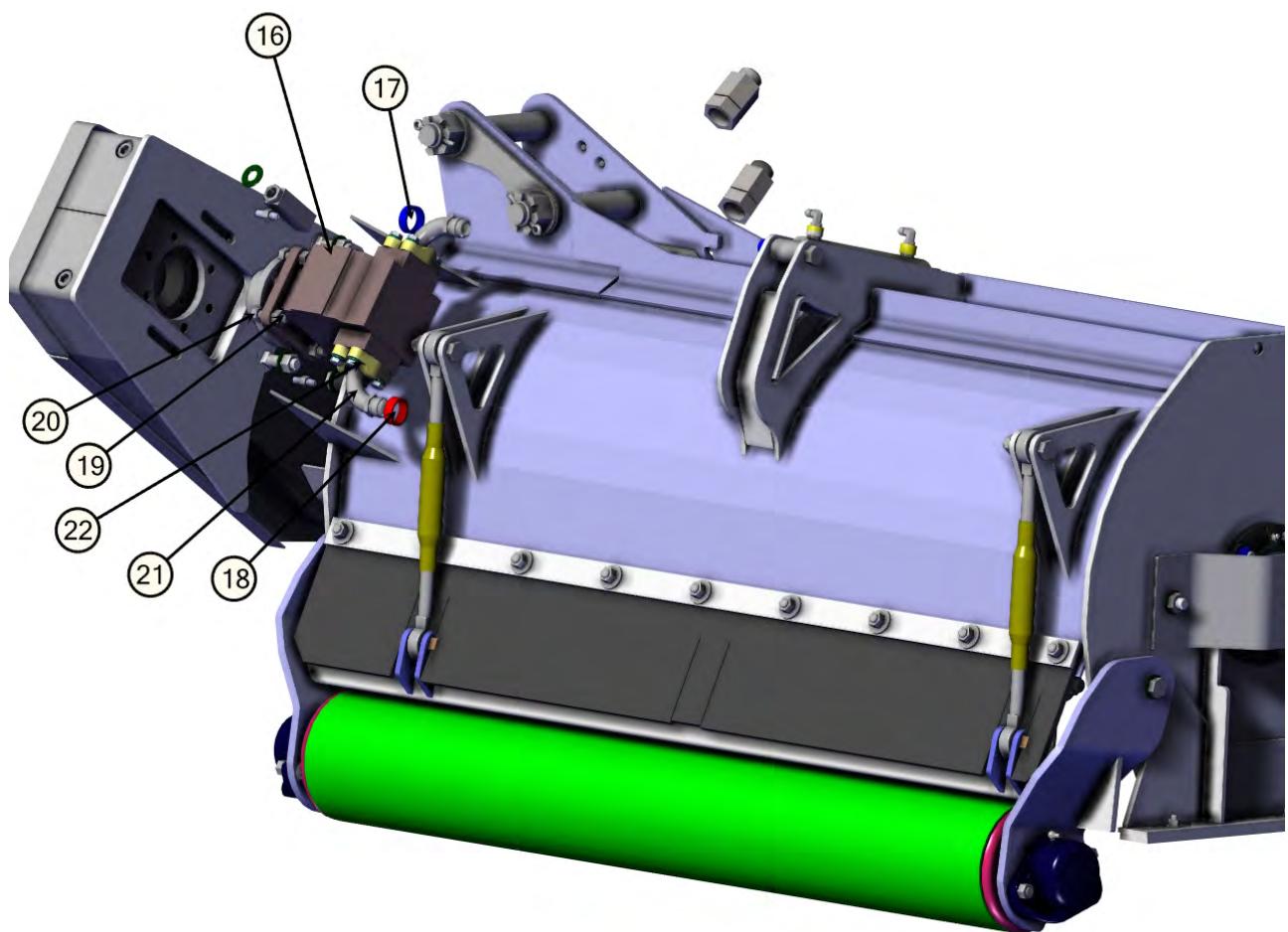


## ASY ED52 Y-KNIFE P/N 34802995829 PART 1

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30002995169	1	ASY, SUB, BATTLE AXE STD
2	30002675800	1	HHCS 5/8 x 1-1/2 PL GR5
3	30000756077	9	WASHER,5/8 HARDENED
4	30032121385	1	ASY, CUTTERSHAFT, ED52
5	30002967325	2	PULLEY, 3G5V - 8.50 DIA
6	30002992576	1	BUSHIN, QD HUB SF 2-3/8 ID
7	30002970537	1	HUB,QD-SF 1DIA.BORE W/KEY WAY
8	30002994781	1	BANDED V-BELT, 3/5V630
9	30002994779	2	HYD SWIVEL 16FJ-16MJ ST

**ASY ED52 Y-KNIFE P/N 34802995829 PART 2**



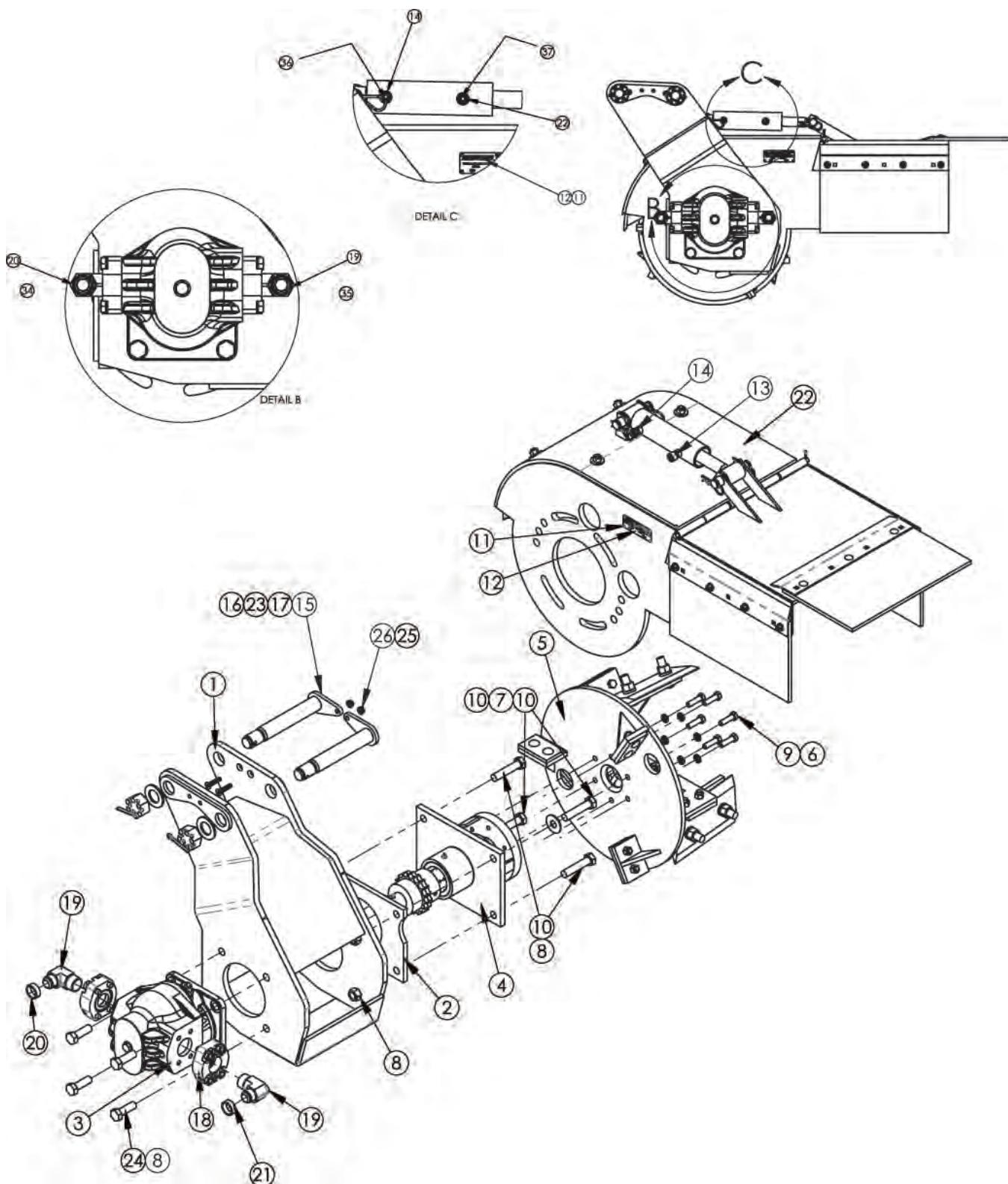
37002988394 - KB1800 and KB2200 (03-10) 05-22

**ASY ED52 Y-KNIFE P/N 34802995829 PART 2**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
15	30002992648	1	KIT, DRIVE, GEAR STD
16	30002987315	1	GEAR MOTOR
17	30002968896	1	VINYL TAPE, BLUE, 1/2"
18	30002968894	1	VINYL TAPE, RED, 1/2"
19	30000001800	4	LOCKNUT TLM 1/2 NC PLC
20	30000013300	4	BOLT, HHCS 1/2" NC X 2" PL5
21	30002754100	2	ADP HYD ELBOW 20FL-16MJ90
22	30000749103	2	SPLIT FLG KIT #20

**DITCHER ASSEMBLY PN 34802988854**



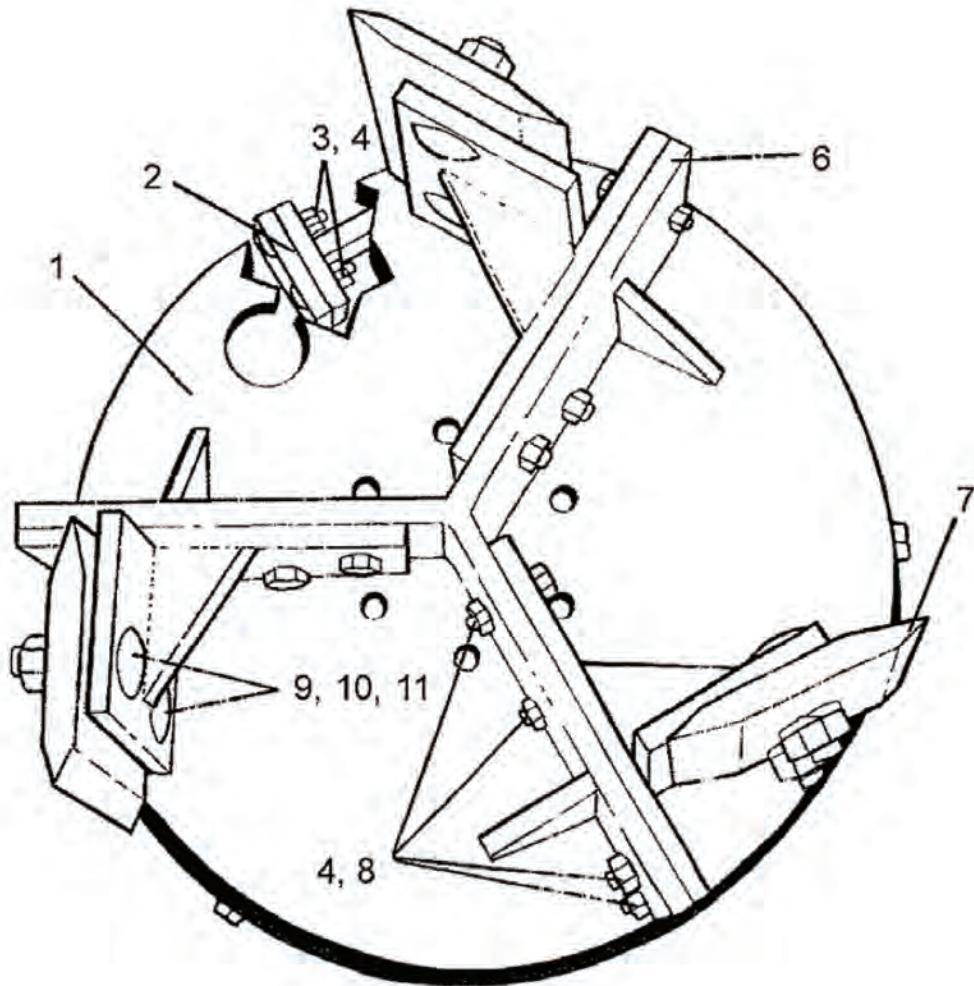
ITEM	PART NO.	QTY.	DESCRIPTION

## DITCHER ASSEMBLY PN 34802988854

**Continued...**

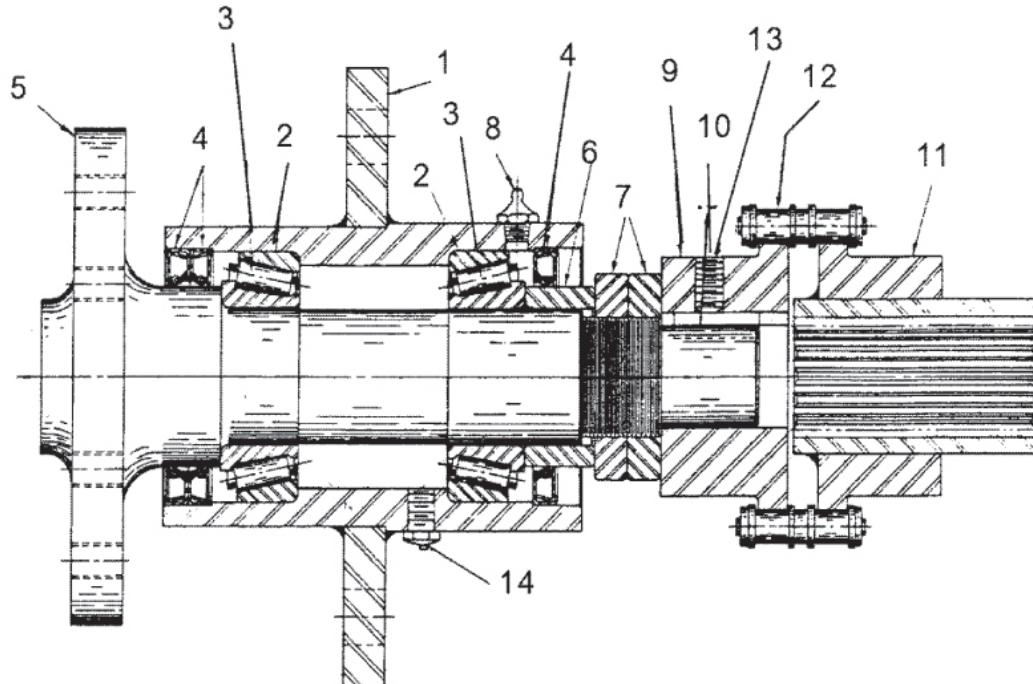
ITEM	PART NO.	QTY.	DESCRIPTION
1	34802988855	1	MACH WLDMT, HITCHPOST, BOOM MOUNT DITCHER
2	30002973583	1	SPACER PLATE
3	33002987660	1	MOTOR, HYD GEAR 15.5 CUIN/REV
4	34802973336	1	ASY SPINDLE
5	34802875301	1	BLADE HEAD ASSY, ROUGH CUT
6	30000001300	6	HIGH ALLOY, L/W 1/2 YZ KG
7	30000002701	2	FLATWASHER,3/4 STD PL
8	30000037200	8	NUT,HEX TOPLOCK 3/4 NC GR.C PL
9	30002891800	6	HHCS 1/2 NC 1-3/4 PL8
10	30002881000	4	HHCS 3/4" NC 3-1/2" PL5
11	3003710151	4	METAL TACK
12	30002990398	1	PLATE S/N DTG
13	30002968836	1	VINYL TAPE, YELLOW, 1/2"
14	30002968837	1	VINYL TAPE, YELLOW, 1/4"
15	34802988111	2	WLDMT, PIN, HITCH POST, DITCHER
16	300165020	2	PIN, COTTER 5/16 X 2-1/2 PL
17	30002971702	2	FLATWASHER 1-3/8 TYPE B NARROW
18	33002978111	2	ADP HYD STGHT 32FL-20FP
19	33002985441	2	ADP HYD ELBOW 20MP-16MJ90
20	30002968896	1	VINYL TAPE, BLUE, 1/2"
21	30002968894	1	VINYL TAPE, RED, 1/2"
22	34802873900	1	BLADE HOUSING ASSY
23	30002971701	2	NUT SLOT 1-3/8 12NF PLB
24	30002959391	4	HHCS 3/4" X 2-1/4" LG
25	30002995907	2	FSCS 3/8-16 X 1-3/4 PL8
26	30002995908	2	NUT SPRLCK FLG 3/8-16 PL
34	30002968827	1	HOSE #16-16FJX-16FJX90-52LG ORG
35	30002968159	1	HOSE #16-16FJX-16FJX90-52LG RED
36	30002984541	1	HOSE #4-4FJX-4FJX90-80LG YELLOW
37	30002984542	1	HOSE #4-4FJX-4FJX90-88LG Y/W

## DITCHER - BLADE HEAD ASSY



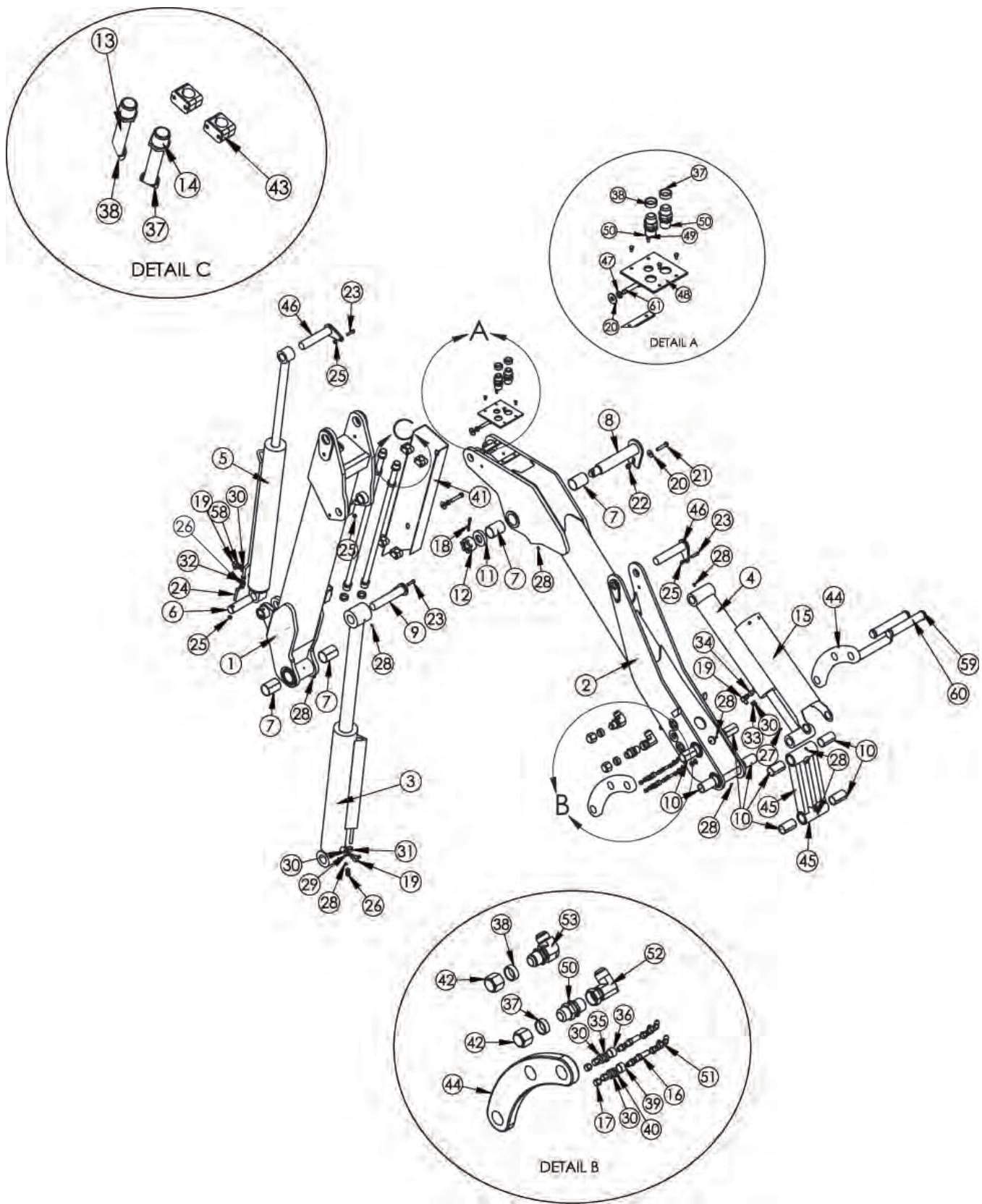
ITEM	PART NO.	QTY.	DESCRIPTION
1	30802875400	1	BLADE HEAD WELDMENT STANDARD
-----	30802898400	1	BLADE HEAD WELDMENT REVERSE
2	30002875900	3	WEAR PLATE
4	30000001800	18	LOCKNUT TLM 1/2 NC PLC
3	30002886900	6	BOLT
6	30002958680	3	MOUNT BRACKET STANDARD
-----	30002958681	3	MOUNT BRACKET REVERSE
7	34002958675	3	BLADE - ROUGH CUT
-----	30002958681	-	SHIM KIT FOR ROUGH CUT BLADES
8	30002891800	12	BOLT
9	30002958684	6	BOLT
10	30000003901	6	LOCKWASHER
11	30000037200	6	NUT

**DITCHER - SPINDLE ASY PN 34802973336**



<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
-----	34802973336	-	SPINDLE ASY (ITEMS 1 THRU 14)
1	34802883700	1	SPINDLE HSG, W/ BRG CUPS & GREASE FITTING
2	30002708100	-	BEARING CUP
3	30002707700	2	BEARING CONE
4	30002707600	3	SEAL
5	30002872701	1	SPINDLE SHAFT
6	30002873200	1	SPACER
7	30002870900	1	NUT
8	30000003500	-	GREASE FITTING
9	30002873301	1	COUPLING HALF, SPINDLE
10	30002959017	1	KEY
11	30002973318	1	COUPLING HALF, MOTOR
12	30002873800	1	CHAIN COUPLING
13	30002959014	1	SETSCREW
14	30002959018	1	RELIEF FITTING

**BOOM ASY - 18 FT BOOM (PART 1) PN 34802986400**

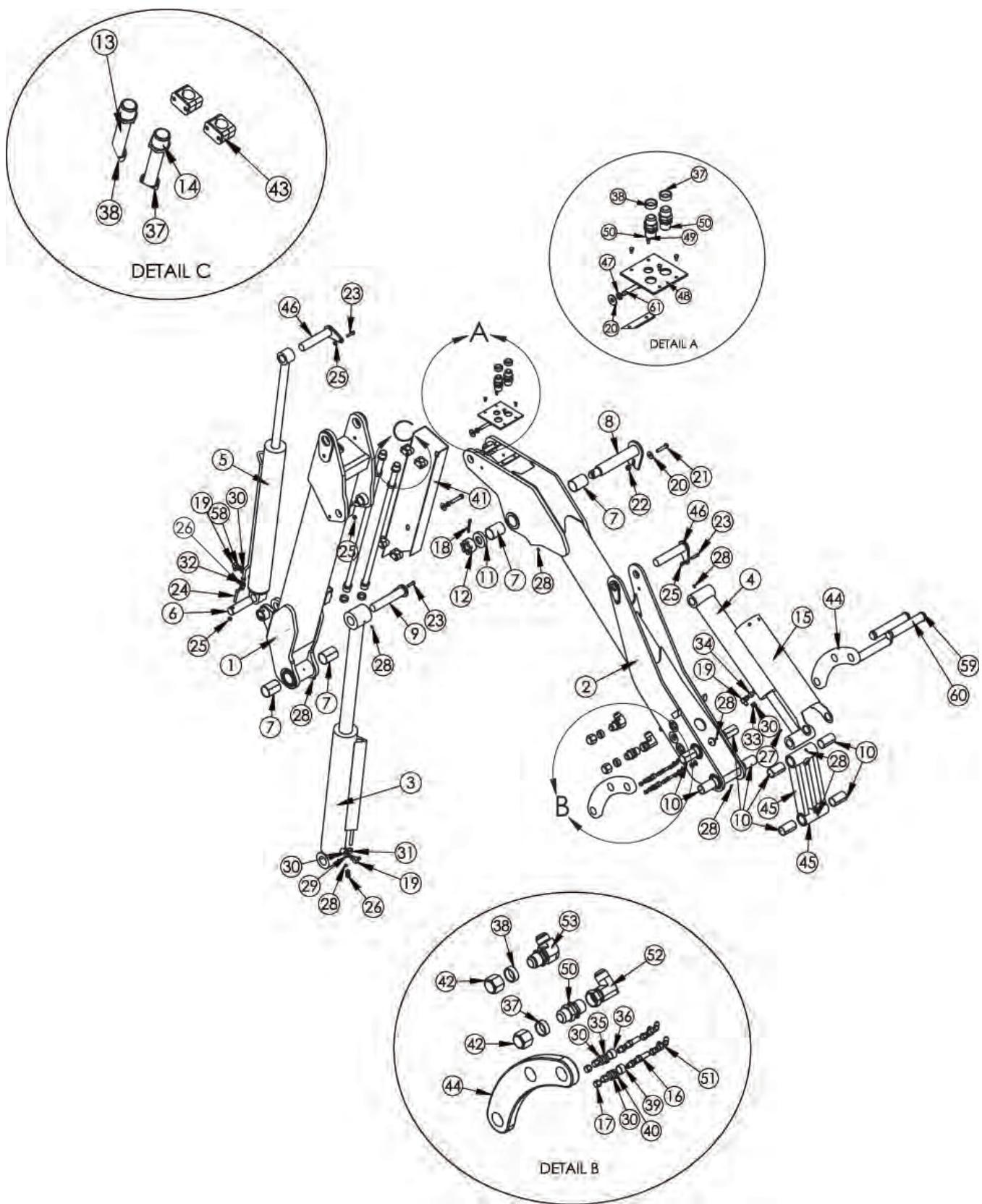


## BOOM ASY - 18 FT BOOM (PART 1) PN 34802986400

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802984820	1	WELDMENT,18' LIFT
2	34802990259	1	WLDMNT, DIPPER, GEN2, U.M.
3	33002981279	1	CYLINDER, 4.0B X 2.25R X24.63S
4	33002984944	1	CYLINDER, 3.5B X 1.75R X16S
5	33002983320	1	CYLINDER, 3.5B X 1.5R X 30.0S
6	30002971751	1	PIN, 1-1/2 X 5-3/16 CHROME
7	30002981420	4	BUSHING, CONNEX, 2-1/4X2X3
8	34802981294	1	WELDMENT, PIN, LIFT/ DIPPER
9	34802982981	1	WELDMENT, CYLINDER PIN LONG, NEW BOOM
10	30002981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
11	30002981273	1	PIN SPACER, DIPPER
12	30002981702	1	SLOTTED NUT, 1-1/2 NF
13	33002993301	1	HYDRAULIC TUBE, #16
14	33002993300	1	HYDRAULIC TUBE, #16
15	33002985273	1	ASSEMBLY, TILT CYLINDER COVER
16	33002965448	4	ADP, HYD 4MJ -4MJ BULKHEAD
17	33002919600	4	CAP, HYD 4FJ
18	330165020	1	PIN, COTTER 5/16 X 2-1/2 PL
19	33063149100	3	ADP HYD ELBOW 6MB-6MJ90
20	30000002700	3	FLATWASHER 1/2 PL STD
21	30002975436	1	HHCS 1/2 NC 2-1/4 PL
22	30000001800	1	LOCKNUT TLM 1/2 NC PLC
23	30000023100	3	HHCS 3/8 -16UNC 1-1/2 PL5
24	30002970595	1	HHCS 3/8 NC 2-3/4 PL8
25	30000015800	4	LOCKNUT TLM 3/8-NC PLC
26	33002976531	2	ADP HYD STGHT 6MJ-6FJX45DEG
27	300000941	1	GREASE ZERK 1/4-28 90 BOLT THD
28	30000752670	9	FITTING,GREASE-STR 1/4-28 UNF
29	30002968835	1	VINYL TAPE, ORANGE, 1/4"
30	30002991555	5	VINYL TAPE, WHITE, 1/4"
31	30002968834	1	VINYL TAPE, ORANGE, 1/2"
32	30002968830	1	VINYL TAPE, BLUE, 1/2"
33	30002968829	1	VINYL TAPE, RED, 1/4"
34	30002968828	1	VINYL TAPE, RED, 1/2"
35	30002968837	1	VINYL TAPE, YELLOW, 1/4"
36	30002968836	1	VINYL TAPE, YELLOW, 1/2"
37	30002968894	4	VINYL TAPE, RED, 1/2"
38	30002968896	4	VINYL TAPE, BLUE, 1/2"
39	30002968832	1	VINYL TAPE, GREEN, 1/2"
40	30002968833	1	VINYL TAPE, GREEN, 1/4"

**BOOM ASY - 18 FT BOOM (PART 2) PN 34802986400**

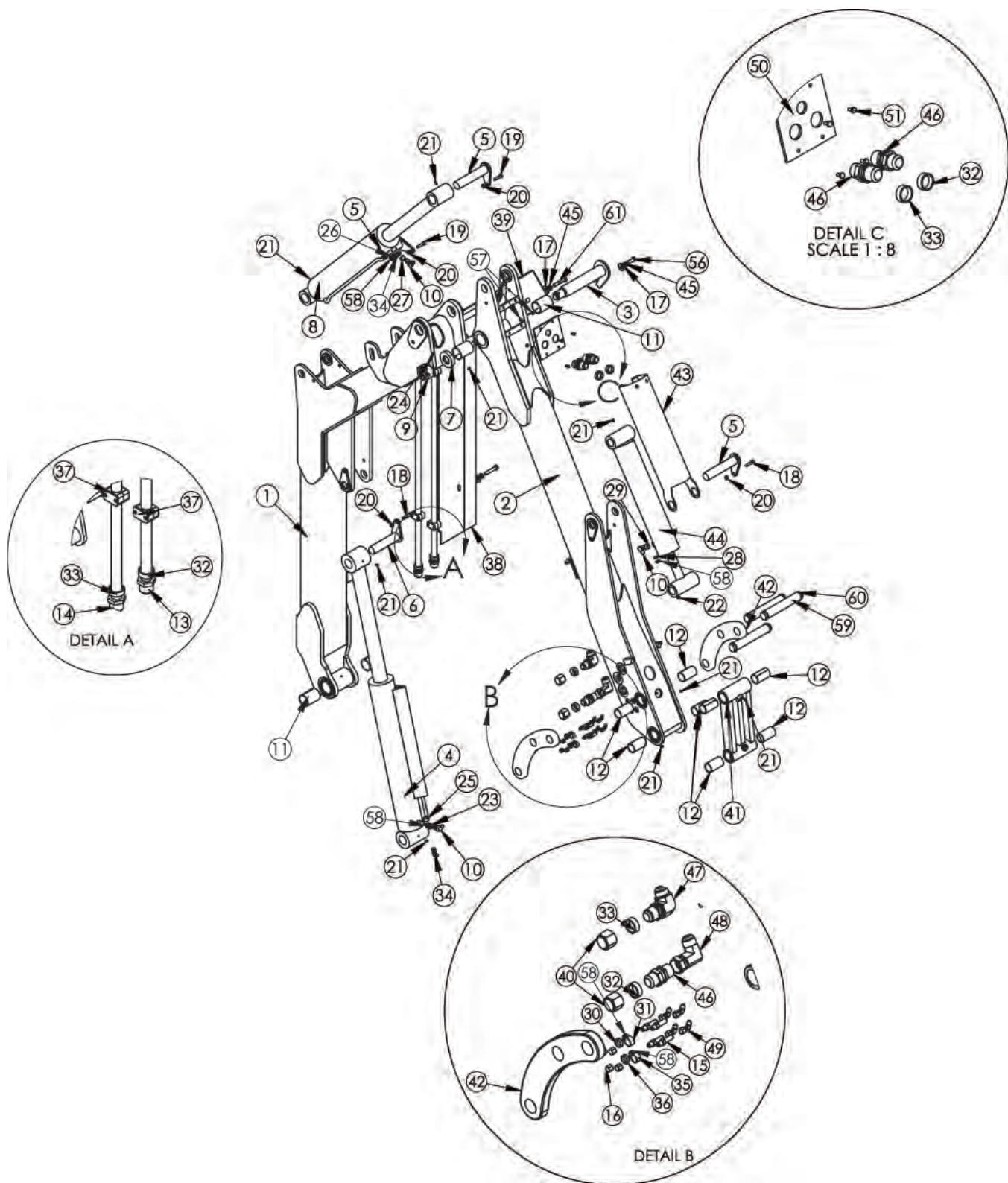


## BOOM ASY - 18 FT BOOM (PART 2) PN 34802986400

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30002984821	1	COVER, LIFT TUBE COVER
42	30002956918	2	CAP, 16 FJ
43	30003200375	4	CLAMP
44	30002994231	2	PLATE, LINKAGE
45	34802986074	1	WELDMENT, LINKAGE
46	34802982979	2	WELDMENT, CYLINDER PIN, NEW BOOM
47	30000019600	2	LOCKWASHER, 1/2, HVY, PL
48	30002985978	1	PLATE, BULKHEAD
49	30000002100	4	BOLT, HHCS 1/4
50	30000751846	3	ADP HYD STGHT 16MJ-16MJ BLKHD
51	33002976532	4	ADP HYD STGHT 4MJ-4FJX45DEG
52	33002956851	1	ADP HYD ELBOW 16 MJ-16 JX 90
53	33002742500	1	ADAPTER 16MJ - 16MJ 90 BULKHEAD
58	30002968831	1	VINYL TAPE, BLUE, 1/4
59	30002994201	6	RETAINING RING,1.5 SHAFT
60	30002994104	3	PIN, DBL SNAP RING, TILT LINK
61	30002788400	2	BOLT

**BOOM ASY - 22 FT BOOM (PART 1) PN 34802986862**



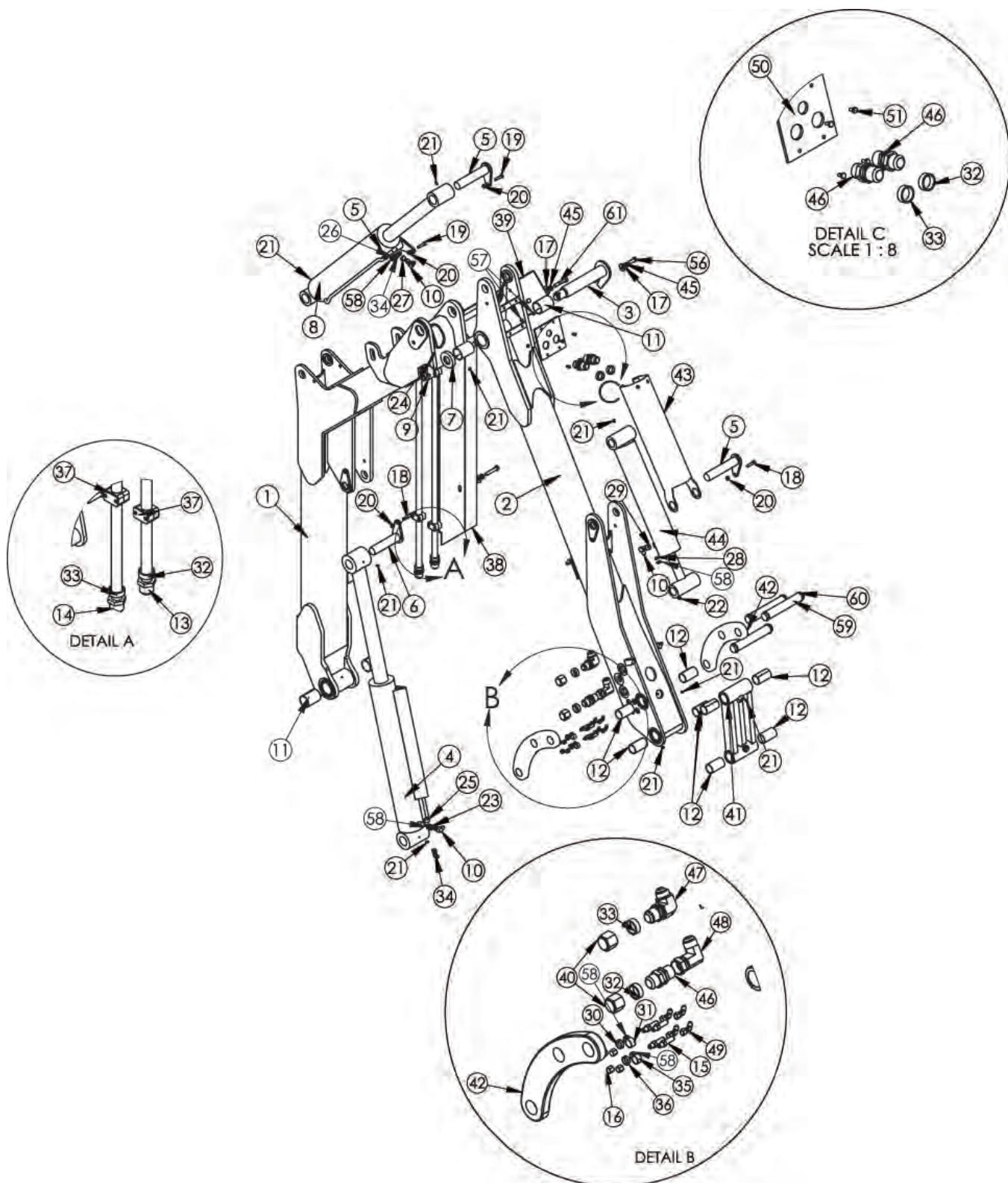
ITEM	PART NO.	QTY.	DESCRIPTION
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## BOOM ASY - 22 FT BOOM (PART 1) PN 34802986862

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	34802984850	1	WELDMENT, 22' LIFT
2	34802985124	1	WELDMENT, 22` DIPPER
3	34802981294	1	WELDMENT, PIN, LIFT/ DIPPER
4	33002981279	1	CYLINDER, 4.0B X 2.25R X24.63S
5	34802982979	3	WELDMENT, CYLINDER PIN, NEW BOOM
6	34802982980	1	WELDMENT, CYLINDER PIN SHORT, NEW BOOM
7	30002981273	1	PIN SPACER, DIPPER
8	33002981277	1	CYLINDER, 4.0B X 2.25R X 21.5S
9	30002981702	1	SLOTTED NUT, 1-1/2 NF
10	33063149100	3	ADP HYD ELBOW 6MB-6MJ90
11	30002981420	4	BUSHING, CONNEX, 2-1/4X2X3
12	30002981424	8	BUSHING, CONNEX, 1-3/4X1-1/2X3
13	33002993302	1	HYDRAULIC TUBE, #16
14	33002993303	1	HYDRAULIC TUBE, #16
15	33002965448	4	ADP, HYD 4MJ -4MJ BULKHEAD
16	30002919600	4	CAP, HYD 4FJ
17	30000002700	5	FLATWASHER 1/2 PL STD
18	30002957042	2	HHCS 3/8NC 1-3/4 PL GR8
19	30000023100	2	HHCS 3/8 -16UNC 1-1/2 PLS
20	30000015800	4	LOCKNUT TLM 3/8-NC PLC
21	30000752670	10	FITTING,GREASE-STR 1/4-28 UNF
22	300000941	1	GREASE ZERK 1/4-28 90 BOLT THD
23	30002968835	1	VINYL TAPE, ORANGE, 1/4"
24	300165020	1	PIN, COTTER 5/16 X 2-1/2 PL
25	30002968834	1	VINYL TAPE, ORANGE, 1/2"
26	30002968831	1	VINYL TAPE, BLUE, 1/4"
27	30002968830	1	VINYL TAPE, BLUE, 1/2"
28	30002968829	1	VINYL TAPE, RED, 1/4"
29	30002968828	1	VINYL TAPE, RED, 1/2"
30	30002968837	1	VINYL TAPE, YELLOW, 1/4"
31	30002968836	1	VINYL TAPE, YELLOW, 1/2"
32	30002968894	4	VINYL TAPE, RED, 1/2"
33	30002968896	4	VINYL TAPE, BLUE, 1/2"
34	33002976531	2	ADP HYD STGHT 6MJ-6FJX45DEG
35	30002968832	1	VINYL TAPE, GREEN, 1/2"
36	30002968833	1	VINYL TAPE, GREEN, 1/4"
37	30003200375	8	CLAMP
38	30002984856	1	COVER, LIFT TUBE COVER
39	30002984857	1	COVER, LIFT TUBE COVER
40	30002956918	2	CAP, 16 FJ

**BOOM ASY - 22 FT BOOM (PART 2) PN 34802986862**



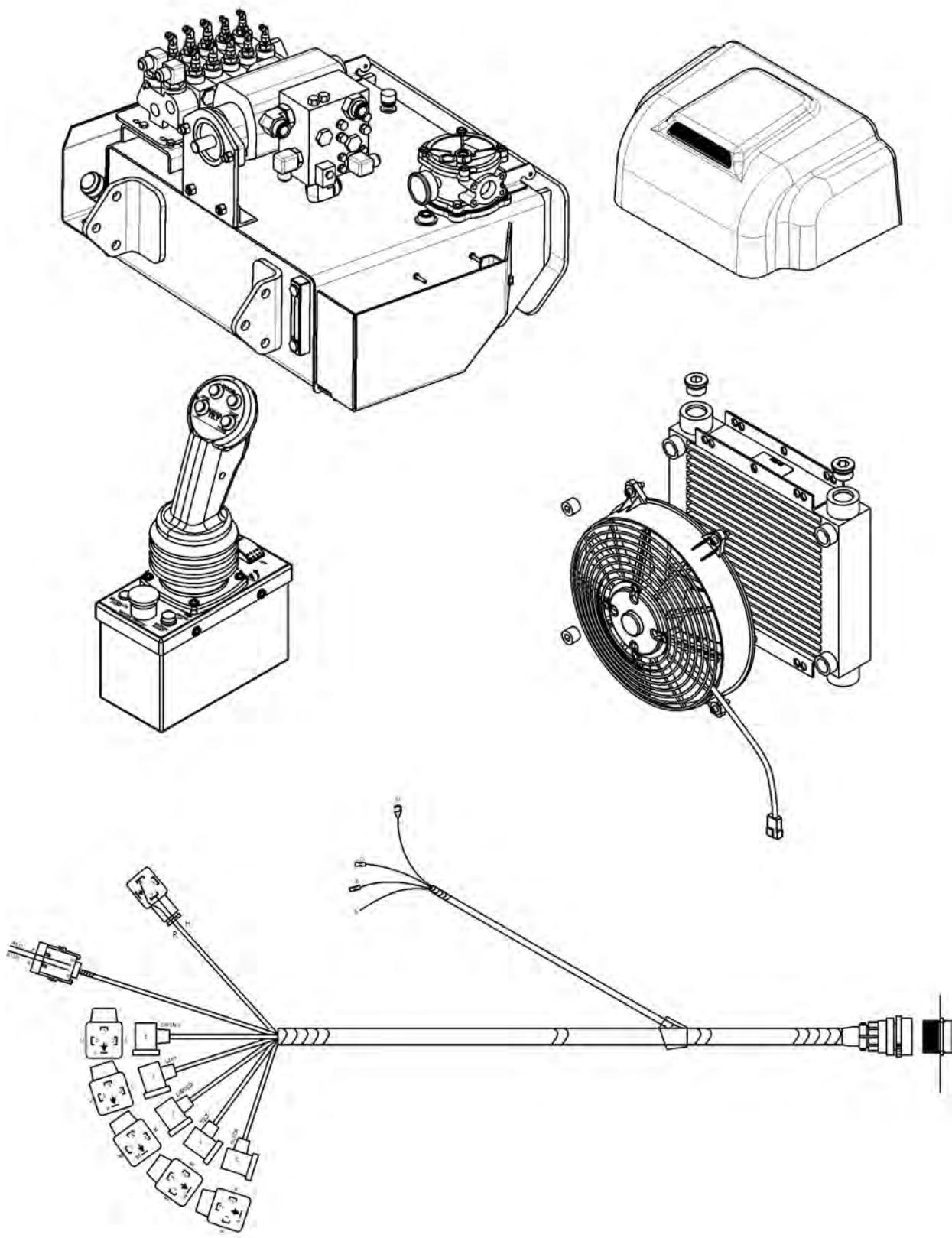
ITEM	PART NO.	QTY.	DESCRIPTION
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## BOOM ASY - 22 FT BOOM (PART 2) PN 34802986862

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	34802986074	1	WELDMENT, LINKAGE
42	30002994231	2	PLATE, LINKAGE
43	33002985273	1	ASSEMBLY, TILT CYLINDER COVER
44	33002984944	1	CYLINDER, 3.5B X 1.75R X16S
45	30000019600	5	LOCKWASHER, 1/2, HVY, PL
46	33000751846	3	ADP HYD STGHT 16MJ - 16MJ BULKHEAD
47	33002742500	1	ADAPTER 16MJ - 16MJ 90 BULKHEAD
48	33002956851	1	ADP HYD ELBOW 16 MJ-16 JX 90
49	33002976532	4	ADP HYD STGHT 4MJ-4FJX45DEG
50	30002985978	1	PLATE, BULKHEAD
51	30000002100	4	BOLT, HHCS 1/4
56	30002892000	1	HHCS, 1/2
57	30002959924	4	NUT, TOPLOCK 1/4 NC PLB
58	30002991555	5	VINYL TAPE, WHITE, 1/4
59	30002994104	3	PIN, DBL SNAP RING, TILT LINK
60	30002994201	6	RETAINING RING,1.5 SHAFT
61	30002788400	4	BOLT

COMMON CRATE COMPONENTS - ELECT VALVE 18 FT - 22 FT



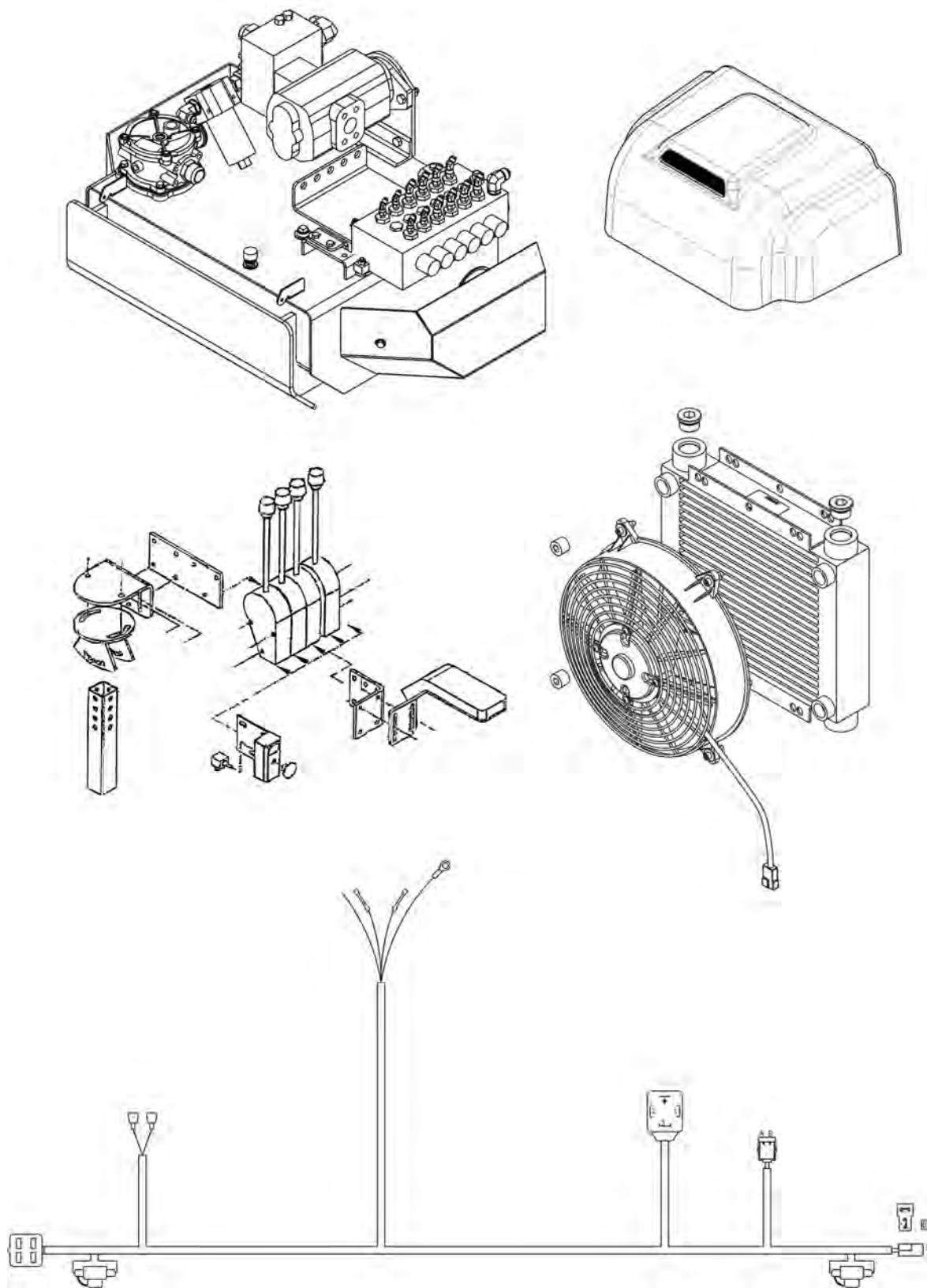
37002988394 - KB1800 and KB2200 (03-10) 05-22

## COMMON CRATE COMPONENTS - ELECT VALVE 18 FT - 22 FT

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	30002996183	1	ASY, PUMP COVER, SHORTENED
2	30002981441	2	KNOB 3/8NC X 1-1/2 STUD
3	30002981953	4	HANGER, FORMED, HOSE
4	30002981822	1	WELDMENT, HOSE BRACKET, UM
5	30002983212	-	HOSE
6	30002983355	1	BOLT BAG, AXTREME, COMMON
7	30000776031	1	CANISTER, MANUAL
10	30002984077	1	WLDMT. HOSE GUIDE
11	30000749101	1	SPLIT FLANGE KIT 1-1/2
12	30002996707	1	KIT, HYDRAULIC COOLER
13	30002996708	1	ASY, TANK & ELEC VALVE, KB
14	30002986130	1	CABLE, MANUAL CANISTER, 24
15	30002986111	1	CABLE, PUMP COVER 36
16	37002988075CA1		ASY, CANISTER, KB1800/KB2200
17	37002988075A	1	ASY, MANUALS, KB1800/KB2200
18	30002996054	1	GEN 2 COOLER HARNESS
19	30002995984	1	GEN 2 BOOM HARNESS
20	30002996063	1	JOYSTICK GEN 2
22	30002996646	1	RUBBER GROMMET, 2-1/4
23	30002987740	1	CORDURA SLEEVE, 3.66ID, 48LG
25	30002993044	1	KIT, DECAL, ELEC, KB1800/2200
26	30002997930	1	KIT, FOUR LIGHT BAR, BOOM

**COMMON CRATE COMPONENTS - MAN VALVE 18 FT - 22 FT**

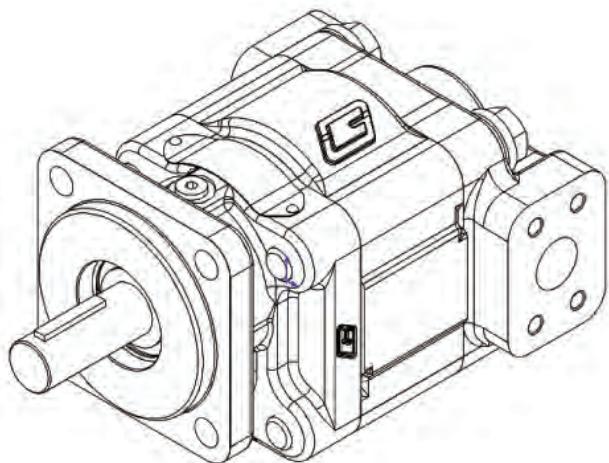
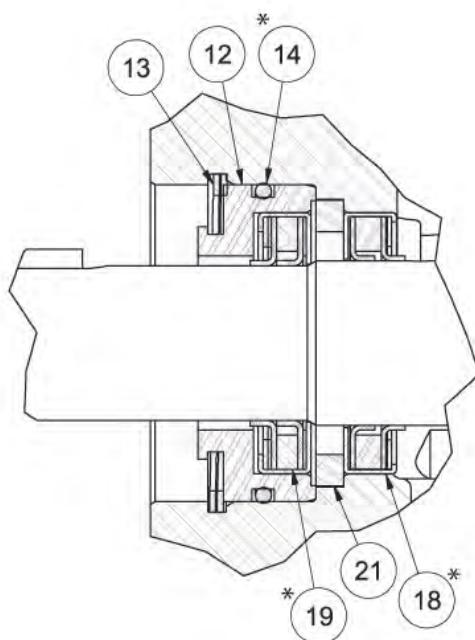
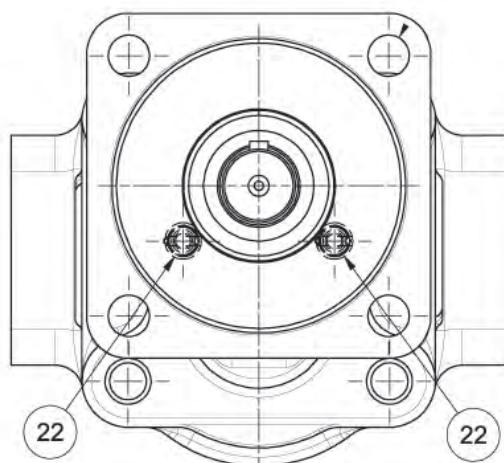
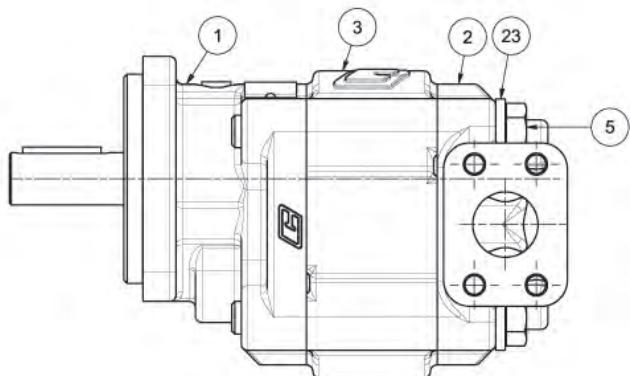
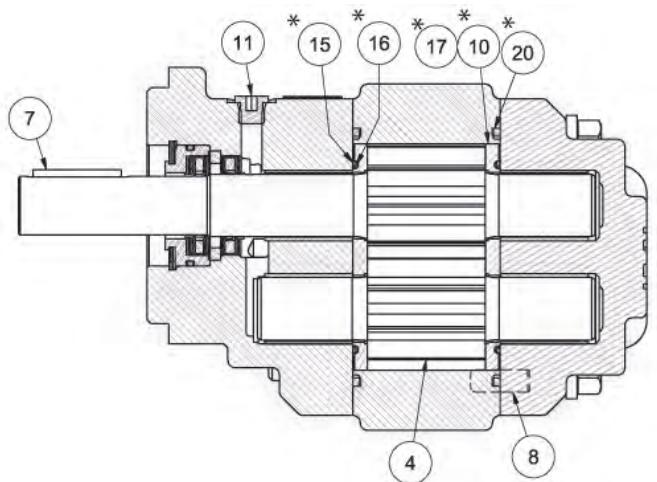


**COMMON CRATE COMPONENTS - MAN VALVE 18 FT - 22 FT**

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	30002986576	1	COMMON BOX, MAN VALVE
	30002997898	1	WIRE HARNESS DEUTSCH MAN
1	30002996054	1	GEN 2 COOLER HARNESS
	30002981381	1	ASY, PUMP COVER
	30002981441	2	KNOB 3/8NC X 1-1/2 STUD
	30002981953	4	HANGER, FORMED, HOSE
	30002981822	1	WELDMENT,HOSE BRACKET, UM
	30002983084	5	CLEVIS, MANUAL VALVE, TK
	33002983212	-	HOSE
	30002983355	1	BOLT BAG, COMMON
	30000776031	1	CANISTER, PARTS MANUAL
	37002988075A	1	ASY, MANUALS, KB1800/KB2200
	37002988075CA1		ASY, CANISTER, KB1800/KB2200
	30002971191	1	WELDMENT,SWITCH MOUNT
	30002964028	1	SWITCH PUSH-PULL SPDT 10A@12V
	30002987740	1	CORDURA SLEEVE, 3.66ID, 48LG
	30000023500	6	FLATWASHER 5/16 PL
	30002971272	3	HHCS 5/16NC 9-1/2 PL5
	30000750940	3	LOCKNUT TLM 5/16 NC PLB
		2	
	30010119000	5	HEXB 5/16 X 1 NC GR5
	30000750940	5	LOCKNUT TLM 5/16 NC PLB
	32002981810	5	LEVER SHORT SNGL AXIS CONTROL
	30002966874	1	BOOT,CABLE, 5 X 7-1/2 BASE
	300000035	5	NUT HEX 1/4 NF
	33002090800	2	ADP HYD ELBOW 12MB-12MJ90
	30002984077	1	WLDMT. HOSE GUIDE
	33000749101	1	SPLIT FLANGE KIT 1-1/2
	32002986577	1	ASY, TANK, MAN VALVE
	32002986130	1	CABLE, MANUAL CANISTER, 24" LG
	32002986111	1	CABLE, PUMP COVER 36" LG
	30002971274	5	KIT,CABLE CONNECTION-V20 VALVE
	33002958858	2	ADP TUBE ELBOW 16MJ-16FJX 90DG
	33002991236	-	HOSE
	30002993043	1	KIT,DECAL,MANUAL,KB1800/2200
	30002992740	1	KIT, HYD COOLER RELOCATE

**FLAIL HEAD - HYD MOTOR REPAIR PARTS - P/N 33802961678**



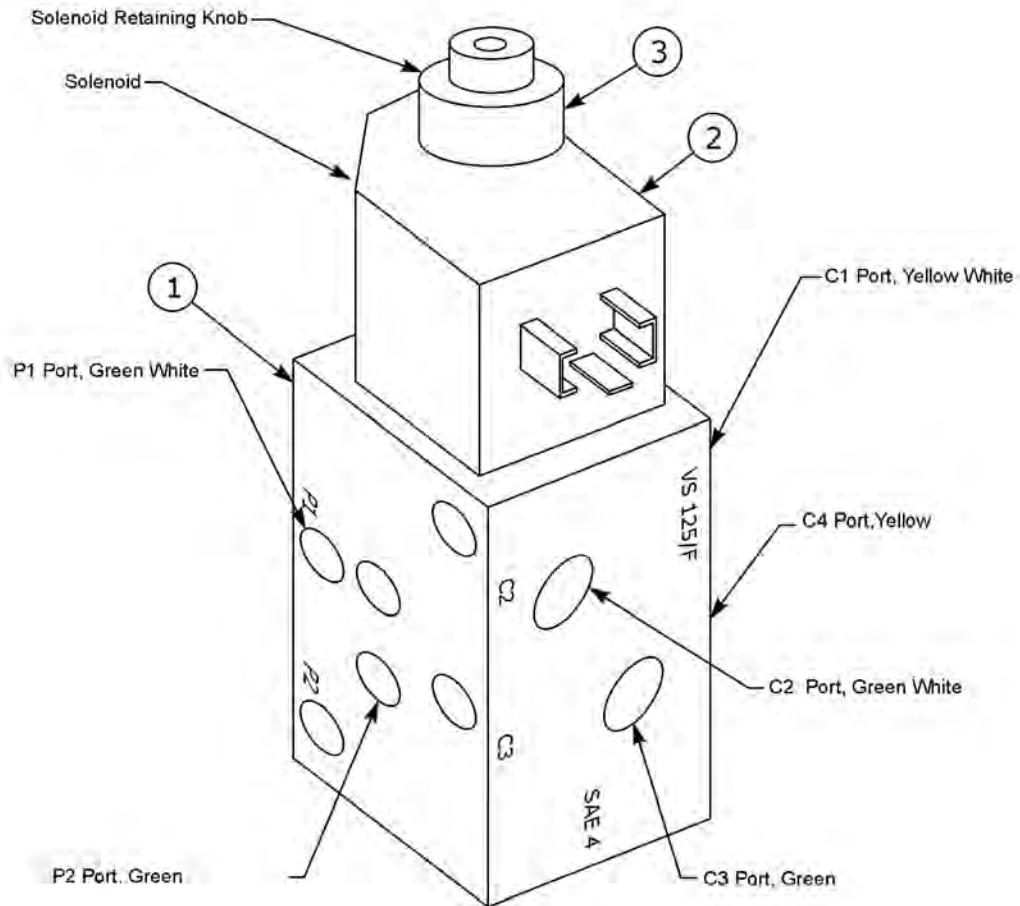
## FLAIL HEAD - HYD MOTOR REPAIR PARTS - P/N 33802961678

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	-----	1	HOUSING, SEC
2	-----	1	HOUSING, PEC
3	-----	1	GEAR HOUSING
4	33802962206	1	SET, GEAR SHAFT
5	-----	4	CAP SCREW
7	-----	1	KEY
8	-----	4	PIN, DOWEL
10	-----	2	**THRPL
11	-----	1	PLUG, ODT
12	-----	1	RTNR, SEAL
13	-----	1	RING, SNAP
14	-----	1	*O-RING
15	-----	2	*SEAL, BK-UP
16	-----	4	*SEAL, END
17	-----	4	*SEAL, SIDE
18	-----	1	*LIP SEAL
19	-----	1	*SEAL, DIRT EXCLUDER
20	-----	2	*SEAL, SQ-R
21	-----	1	SPACER
22	-----	2	CHECK ASS`Y
23	-----	4	WASHER
-----	33802962211	1	SEAL KIT, MAJOR (INCLUDES ITEMS 14,15,16,17,18,19,20)
-----	33802962541	1	SEAL KIT, MINOR (INCLUDES ITEMS 10,14,15,16,17, 18,19,20)

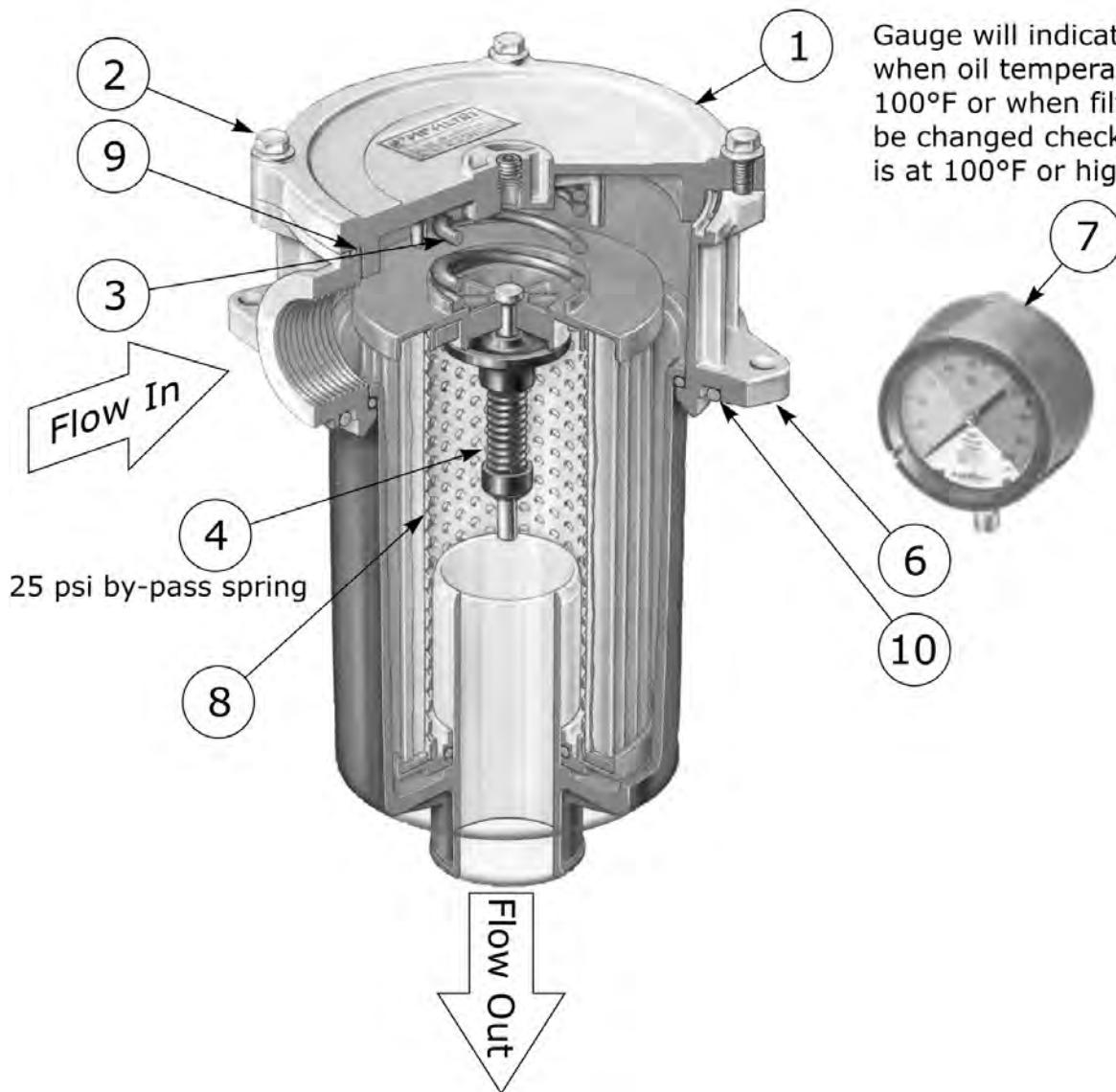
## DIVERTER VALVE - DOOR & SWIVEL

See Hyd Schematic - Swivel MNT Head (opt) for details.



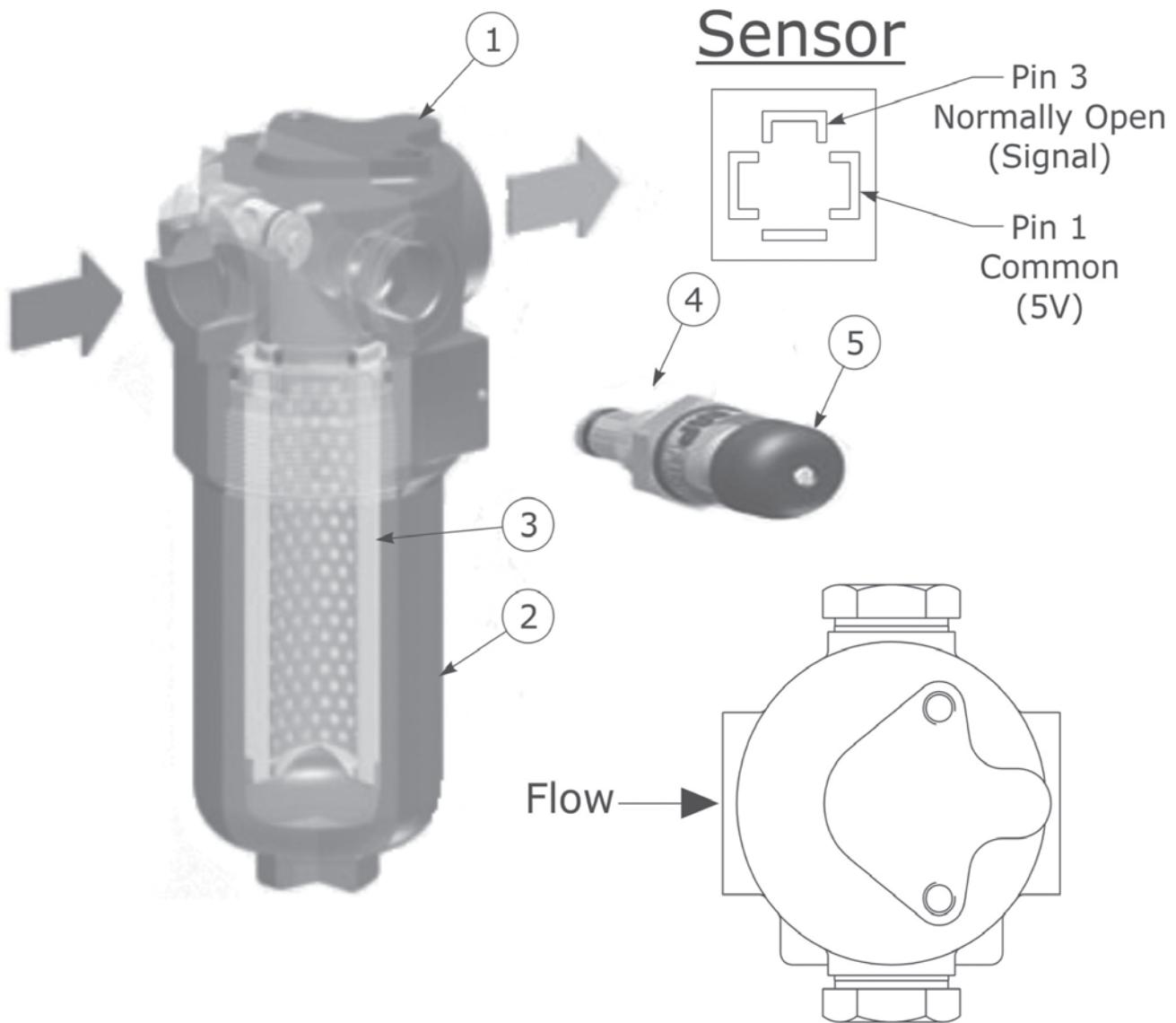
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002977622	1	VALVE SOLENOID DIVERTER SOLENOID VALVE ASY (INCLUDES ITEMS 2 & 3)
2	-----	1	SOLENOID
3	-----	1	SOLENOID RETAINING KNOB

FILTER ASY - PN 33002964748



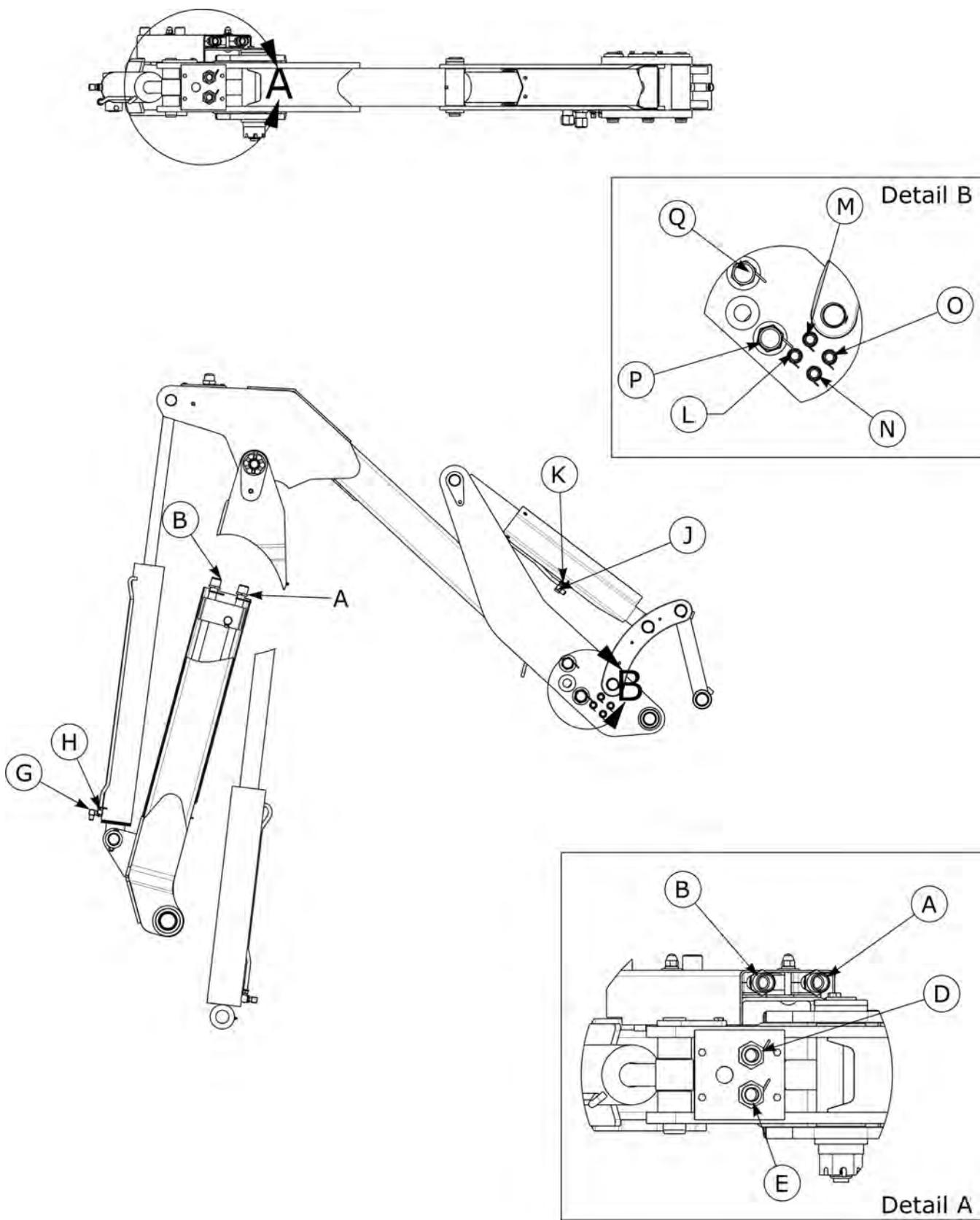
ITEM	PART NO.	QTY.	DESCRIPTION
	33002964748	1	FILTER ASY, RETURN FILTER
1	33002978349	1	FILTER TOP COVER
2	33002978355	1	NUT & BOLT KIT, F/ TOP COVER
3	33002972678	1	SPRING, FILTER CARTRIDGE
4	33002973782	1	VALVE, FILTER BYPASS
5	33002978354	1	SEAL KIT
6	33002963662	1	GASKET, FILTER ASY TO TANK, FIBER
7	33002962963	1	DIAL INDICATOR, RETURN FLOW (NOT INCLUDED IN FILTER ASY)
8	33002961001	1	FILTER ELEMENT, REPLACEMENT CARTRIDGE
9	-----	1	O-RING, TOP COVER SEAL (INCLUDED IN ITEM 5)
10	-----	2	O-RING, CANNISTER SEAL (INCLUDED IN ITEM 5)

FILTER ASY - PRESSURE, VISUAL INDICATOR - PN 33002985280



ITEM	PART NO.	QTY.	DESCRIPTION
-----	33002985280	1	FILTER ASY, PRESSURE, VISUAL INDICATOR
1	30002985281	1	FILTER ASY, HEAD
2	30002985282	1	BOWL, FILTER ASY
3	30002985283	1	FILTER, ELEMENT
4	30002985285	1	INDICATOR, VISUAL
-----	30002986516	1	SEAL KIT W/ O-RING

## HOSE ROUTING - 18 FT BOOM

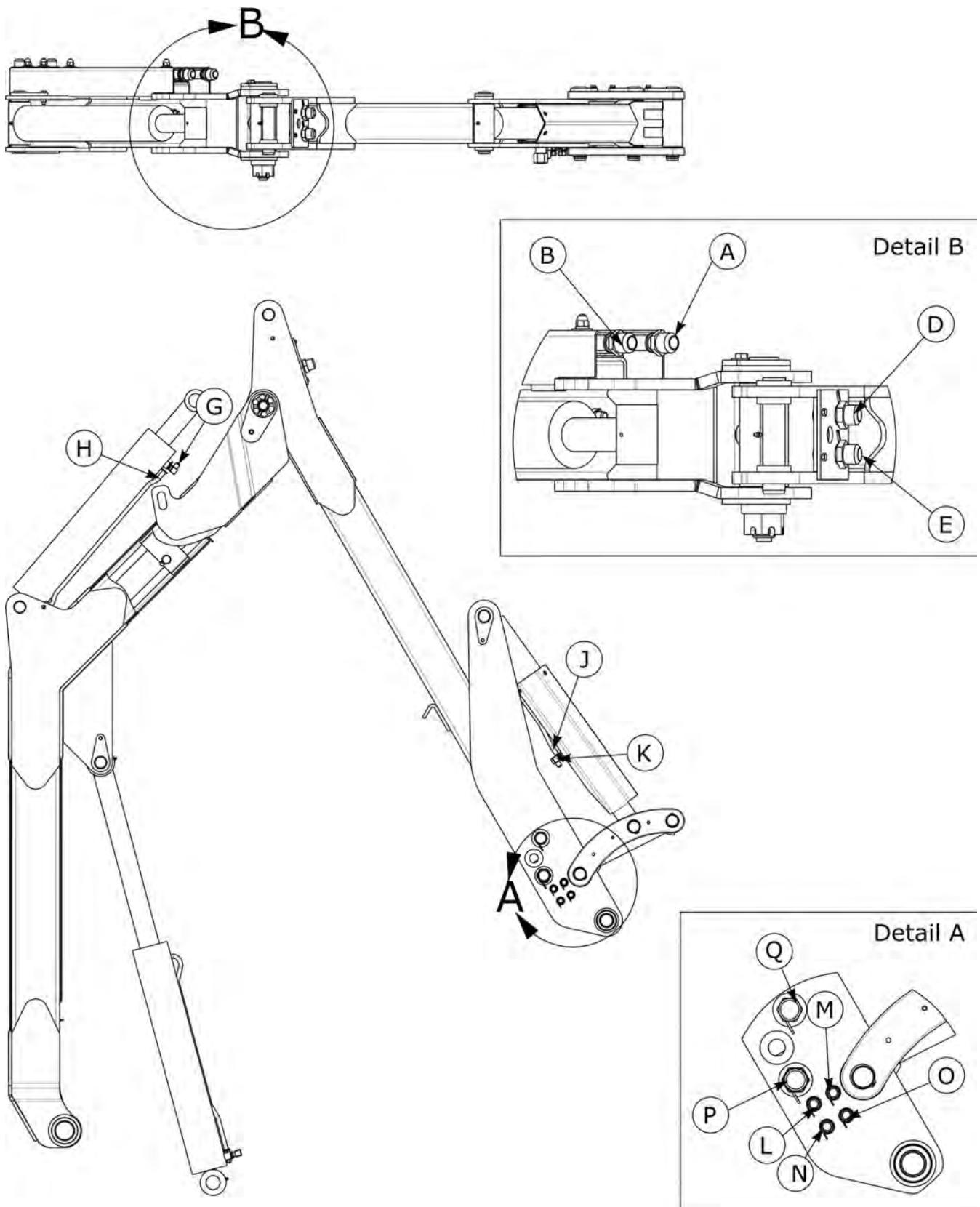


## HOSE ROUTING - 18 FT BOOM NOTES

Hose Part Number	Description	Connection 1	Connection 2
33002983346	TILT RED (LIFT)	N/A	33002983350
33002983347	TILT R/W (lift)	N/A	33002983351
33002983348	DOOR YELLOW (LIFT)	N/A	33002983352
33002983349	DOOR Y/W (LIFT)	N/A	33002983353
33002983531	SWIVEL GREEN (LIFT)	N/A	33002983533
33002983532	SWIVEL G/W (LIFT)	N/A	33002983534
33002983350	TILT RED (DIPPER)	33002983346	J
33002983351	TILT R/W (DIPPER)	33002983347	K
33002983352	DOOR YELLOW (DIPPER)	33002983348	M
33002983353	DOOR Y/W (DIPPER)	33002983349	L
33002983533	SWIVEL GREEN (DIPPER)	33002983531	O
33002983534	SWIVEL G/W (DIPPER)	33002983532	N
33002990720	DIPPER CYL BLUE	N/A	H
33002990721	DIPPER CYL B/W	N/A	G
33002984833	MOTOR PRESSURE	A	D
33002984834	MOTOR RETURN	B	E
33002986007	MOTOR PRESSURE	D	P
33002986008	MOTOR RETURN	E	Q

ITEM	PART NO.	QTY.	DESCRIPTION
1	33002983346	1	HOSE, TILT RED (LIFT)
2	33002983347	1	HOSE, TILT R/W (LIFT)
3	33002983348	1	HOSE, DOOR YELLOW (LIFT)
4	33002983349	1	HOSE, DOOR Y/W (LIFT)
5	33002983531	1	HOSE, SWIVEL GREEN (LIFT)
6	33002983532	1	HOSE, SWIVEL G/W (LIFT)
7	33002983350	1	HOSE, TILT RED (DIPPER)
8	33002983351	1	HOSE, TILT R/W (DIPPER)
9	33002983352	1	HOSE, DOOR YELLOW (DIPPER)
10	33002983353	1	HOSE, DOOR Y/W (DIPPER)
11	33002983533	1	HOSE, SWIVEL GREEN (DIPPER)
12	33002983534	1	HOSE, SWIVEL G/W (DIPPER)
13	33002990720	1	HOSE, DIPPER CYL BLUE
14	33002990721	1	HOSE, DIPPER CYL B/W
15	33002984833	1	HOSE, MOTOR PRESSURE
16	33002984834	1	HOSE, MOTOR RETURN
17	33002986007	1	HOSE, MOTOR PRESSURE
18	33002986008	1	HOSE, MOTOR RETURN
19	33002961085	1	CORDURA SLEEVING - 54 LG
20	33002982334	1	CORDURA SLEEVE, 2.54 ID, 10 LG
21	33002983079	1	SLEEVE 66" CORDURA 2.54 ID

## HOSE ROUTING - 22 FT BOOM



## HOSE ROUTING - 22 FT BOOM NOTES

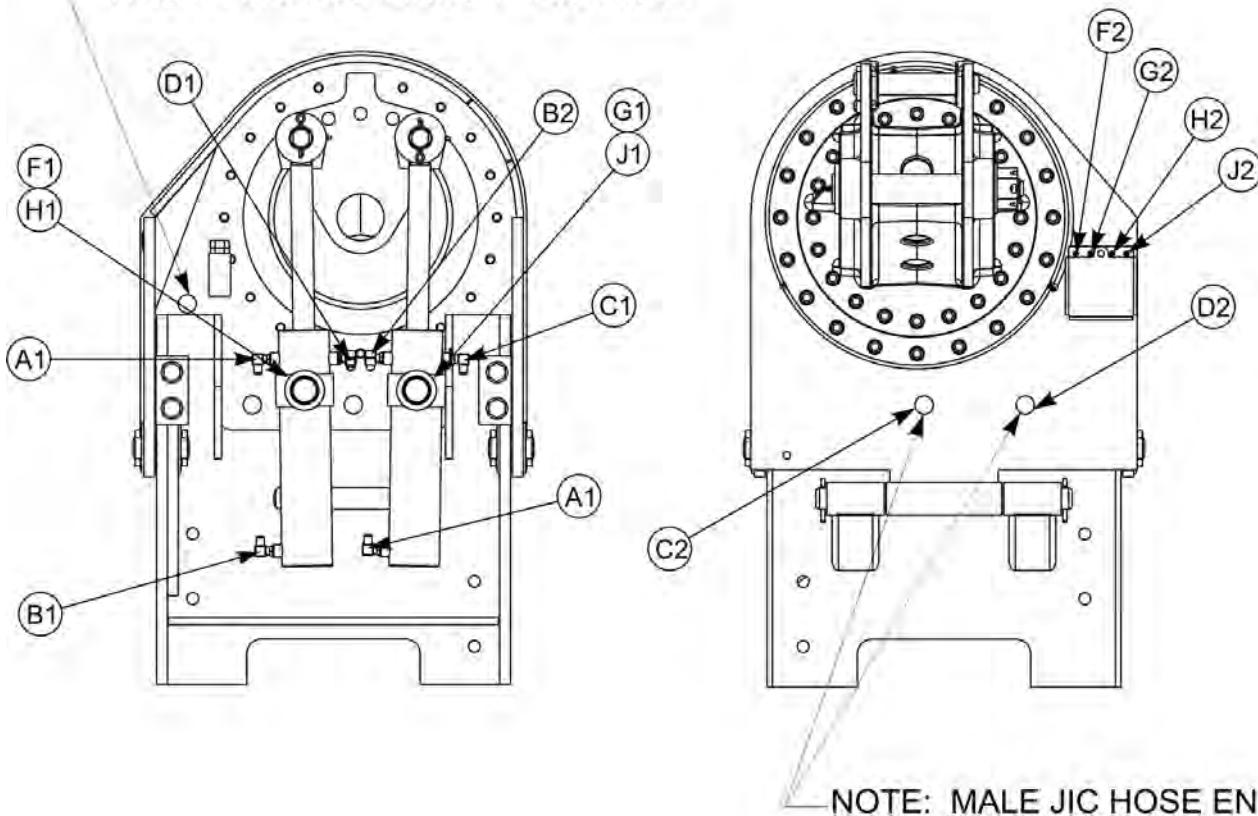
Hose Part Number	Description	Connection 1	Connection 2
33002983178	DIPPER BLU	N/A	H
33002983179	DIPPER B/W	N/A	G
33002983180	TILT RED (LIFT)	N/A	33002983184
33002983181	TILT R/W (lift)	N/A	33002983185
33002983182	DOOR YELLOW (LIFT)	N/A	33002983186
33002983183	DOOR Y/W (LIFT)	N/A	33002983187
33002983503	SWIVEL GREEN (LIFT)	N/A	33002983499
33002983504	SWIVEL G/W (LIFT)	N/A	33002983500
33002983184	TILT RED (DIPPER)	33002983180	J
33002983185	TILT R/W (DIPPER)	33002983181	K
33002983186	DOOR YELLOW (DIPPER)	33002983182	M
33002983187	DOOR Y/W (DIPPER)	33002983183	L
33002983499	SWIVEL GREEN (DIPPER)	33002983503	O
33002983500	SWIVEL G/W (DIPPER)	33002983504	N
33002986107	MOTOR PRESSURE	A	D
33002986108	MOTOR RETURN	B	E
33002986004	MOTOR PRESSURE	D	P
33002986005	MOTOR RETURN	E	Q

ITEM	PART NO.	QTY.	DESCRIPTION
1	33002983178	1	HOSE, DIPPER BLU
2	33002983179	1	HOSE, DIPPER B/W
3	33002983180	1	HOSE, TILT RED (LIFT)
4	33002983181	1	HOSE, TILT R/W (LIFT)
5	33002983182	1	HOSE, DOOR YELLOW (LIFT)
6	33002983183	1	HOSE, DOOR Y/W (LIFT)
7	33002983503	1	HOSE, SWIVEL GREEN (LIFT)
8	33002983504	1	HOSE, SWIVEL G/W (LIFT)
9	33002983184	1	HOSE, TILT RED (DIPPER)
10	33002983185	1	HOSE, TILT R/W (DIPPER)
11	33002983186	1	HOSE, DOOR YELLOW (DIPPER)
12	33002983187	1	HOSE, DOOR Y/W (DIPPER)
13	33002983499	1	HOSE, SWIVEL GREEN (DIPPER)
14	33002983500	1	HOSE, SWIVEL G/W (DIPPER)
15	33002986107	1	HOSE, MOTOR PRESSURE
16	33002986108	1	HOSE, MOTOR RETURN
17	33002986004	1	HOSE, MOTOR PRESSURE
18	33002986005	1	HOSE, MOTOR RETURN
19	33002986798	1	CORDURA SLEEVE, 3.66 ID, 58 LG
20	33002983955	1	CORDURA SLEEVE, 2.54 ID, 140LG
21	33002987416	1	CORDURA SLEEVE, 1.81 ID, 15 LG

## HOSE ROUTING - SWING CYL (18-22 FT BOOM)

**NOTE: C1& A1 NEED TO POINT TOWARDS REAR OF CYLINDER**

**ROUTE GREASE LINES THRU HOLE**



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

### HOSE ROUTING CHART

P/N	END1	END2
33002981825	A1	A2
33002981825	B1	B2
33002981826	C1	C2
33002981827	D1	D2

### GREASE LINE ROUTING CHART

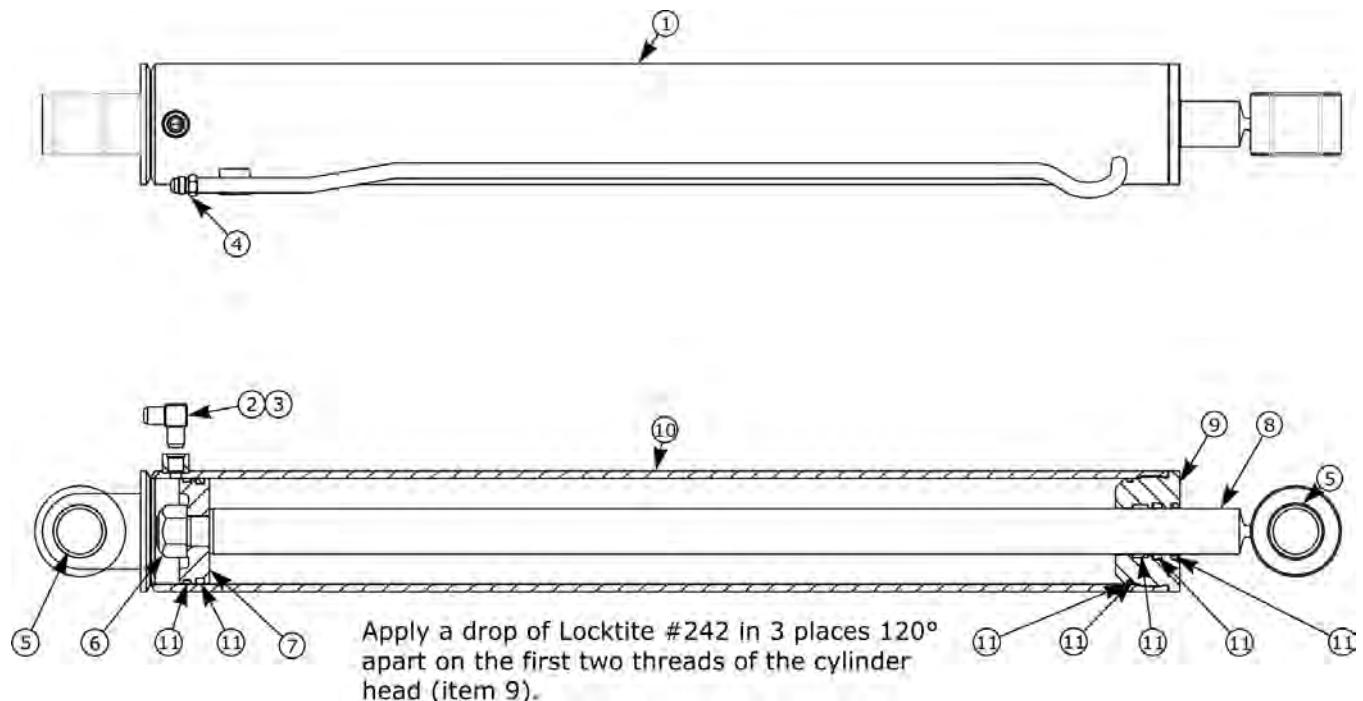
P/N	END1	END2
33002983024	F1	F2
33002983026	G1	G2
33002983025	H1	H2
33002983026	J1	J2

#### ITEM PART NO. QTY.

#### DESCRIPTION

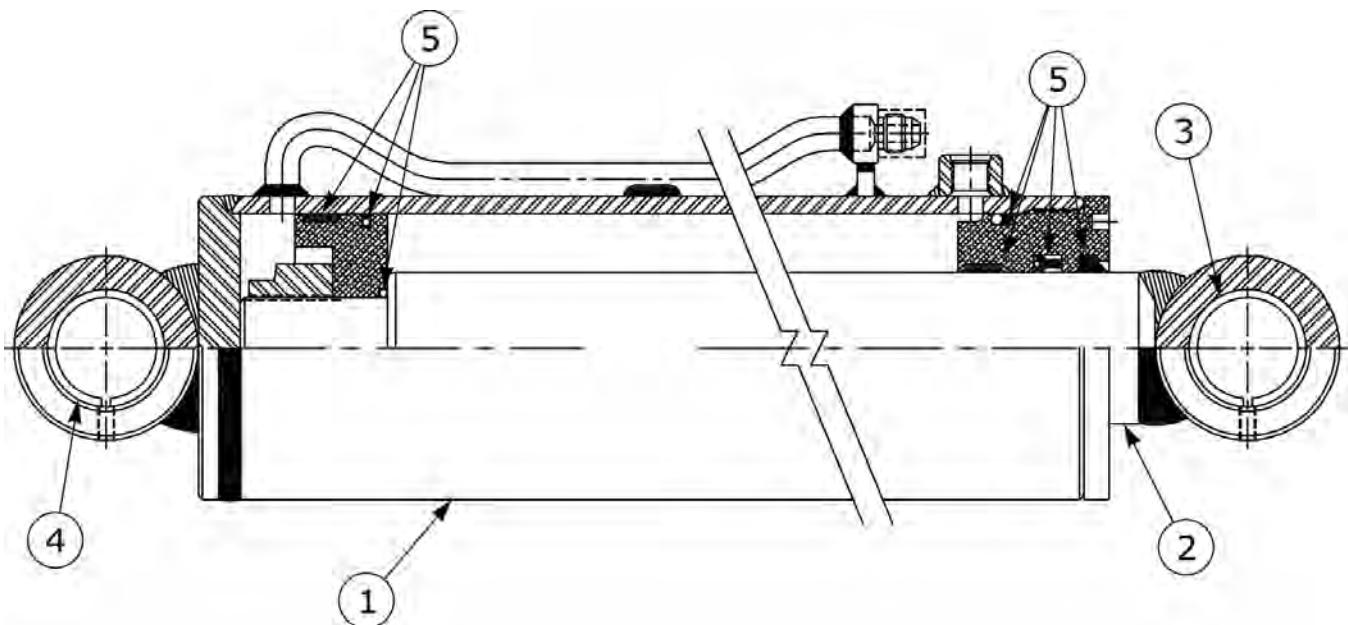
A1	33002981825	1	HOSE #6-6FJX-6FJX-28LG
B1	33002981825	1	HOSE #6-6FJX-6FJX-28LG
C1	33002981826	1	HOSE #6-6FJX-6MJ-22LG
C2	33002981827	1	HOSE #6-6FJX-6MJ-16LG
F1	33002983024	1	LINE,GREASE,MANIFOLD,SHORT
G1	33002983026	1	LINE,GREASE,MANIFOLD,LONG
H1	33002983025	1	LINE,GREASE,MANIFOLD,MED
J1	33002983026	1	LINE,GREASE,MANIFOLD,LONG

## HYD CYL ASY - DIPPER (18 FT BOOM)



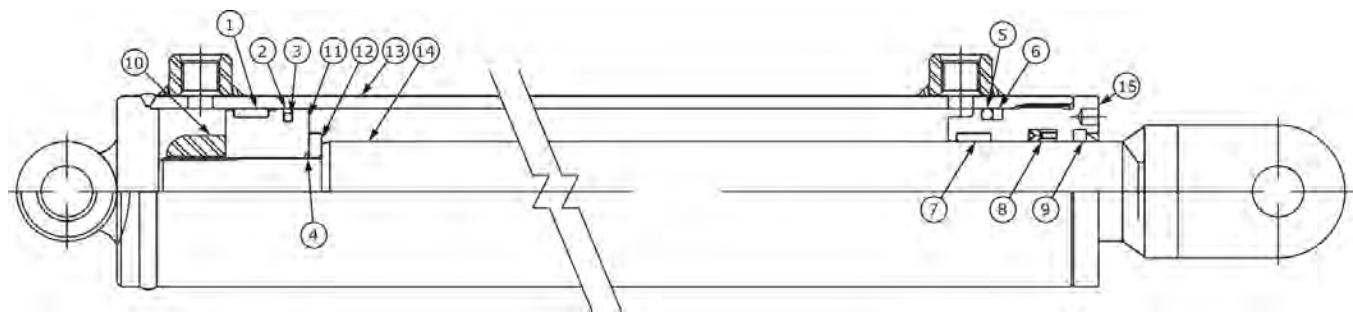
ITEM	PART NO.	QTY.	DESCRIPTION
	33002979920	1	DIPPER CYLINDER ASY.
1	33002979784	1	CYLINDER HEAD
2	33063149100	1	ADAPTER, ELBOW
3	30002968830	1	VINYL TAPE BLUE 1/2" WIDE
4	30002968831	1	VINYL TAPE BLUE 1/4" WIDE
5	33002968803	2	BUSHING
6	3005JRC16140	1	LOCKNUT
7	330002625	1	PISTON
8	33002978823	1	ROD WLDMT
9	33002979947	1	CYLINDER HEAD
10	33002979924	1	TUBE / BARREL WLDMT
11	33002975531	1	SEAL KIT

## HYD CYL ASY - DIPPER (22 FT BOOM)



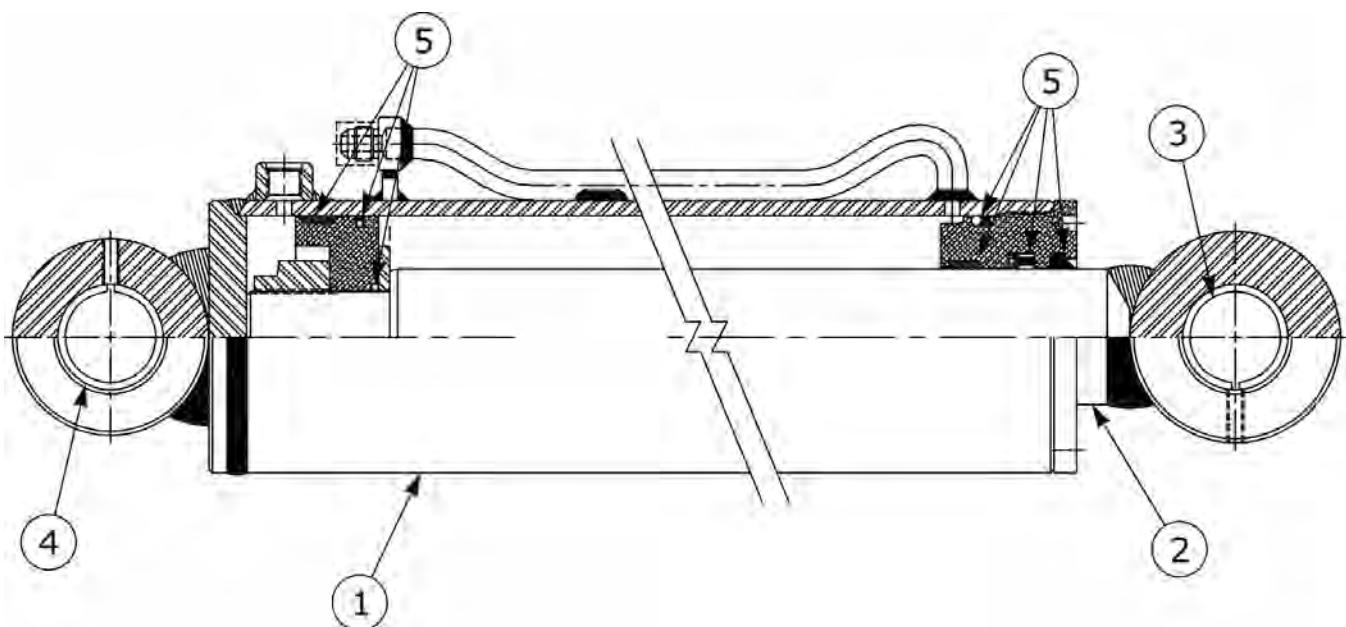
ITEM	PART NO.	QTY.	DESCRIPTION
	33002981277	1	HYD CYL ASY, 4" BORE X 21.5" STROKE (22 & 25 FT BOOM)
1	33002981925	1	BARREL WLDMT
2	33002981926	1	ROD WLDMT
3	33002982250	2	BUSHING, ROD END 1-1/2" LG
4	33002982251	2	BUSHING, BARREL END 2" LG
5	33002982068	1	SEAL KIT

## HYD CYL ASY - HEAD SWIVEL



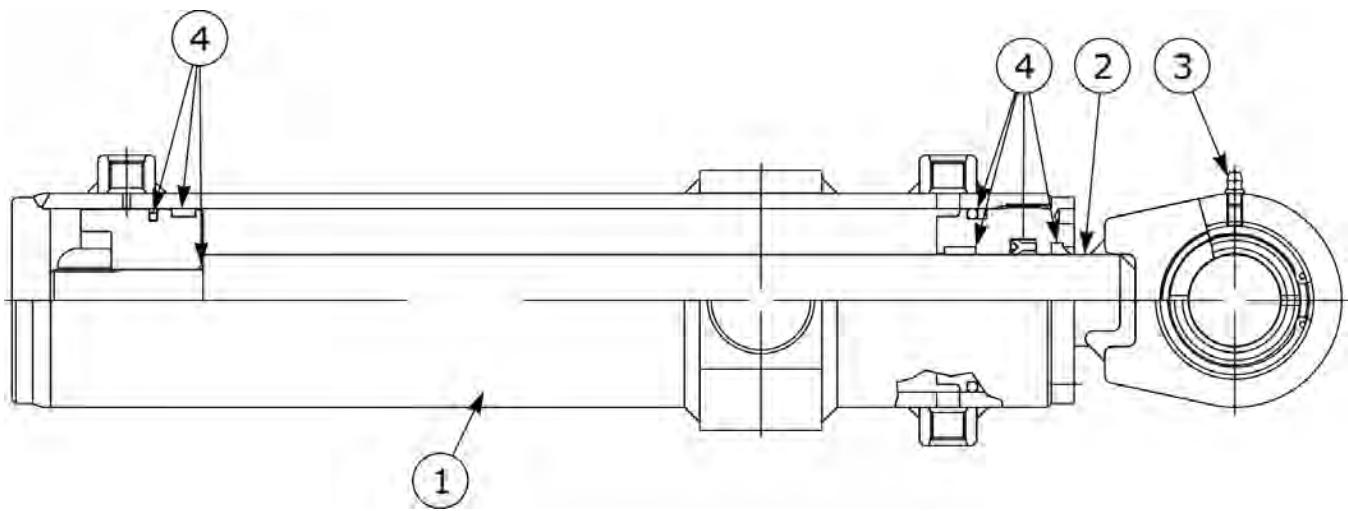
<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
	33002981315	1	HYD CYL ASY, HEAD SWIVEL (OPTIONAL)
1	-----	1	WEAR RING, (SEE SEAL KIT)
2	-----	1	BACK-UP RING, (SEE SEAL KIT)
3	-----	1	O-RING, (SEE SEAL KIT)
4	-----	1	O-RING, (SEE SEAL KIT)
5	-----	1	O-RING, (SEE SEAL KIT)
6	-----	1	BACK-UP RING, (SEE SEAL KIT)
7	-----	1	WEAR RING, (SEE SEAL KIT)
8	-----	1	LOADED U-CUP, (SEE SEAL KIT)
9	-----	1	ROD WIPER, (SEE SEAL KIT)
10	-----	1	LOCKNUT, (NON-SALEABLE)
11	-----	1	PISTON, (NON-SALEABLE)
12	-----	1	PISTON WASHER, (NON-SALEABLE)
13	33002981935	1	BARREL WLDMT
14	33002981934	1	ROD WLDMT
15	-----	1	INTERNAL HEAD, (NON-SALEABLE)
16	33002982072	1	SEAL KIT (ITEMS 1 THRU 9)

## HYD CYL ASY - LIFT (18-22 FT BOOM)



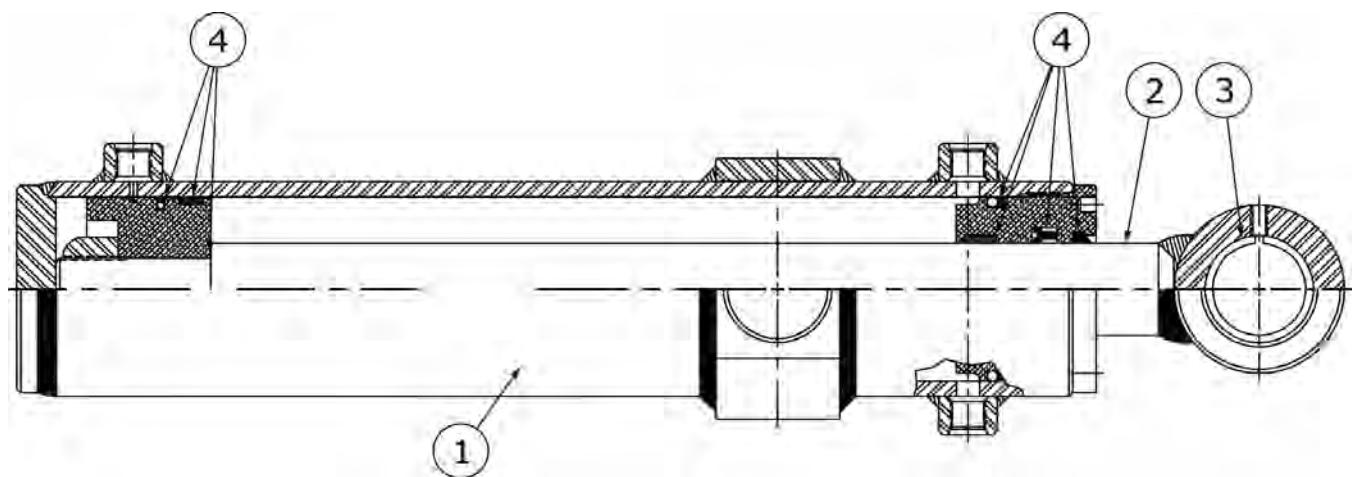
ITEM	PART NO.	QTY.	DESCRIPTION
	33002981279	1	CYLINDER ASY, 4" BORE X 24.63" STROKE
1	33002981929	1	BARREL WLDMT
2	33002981930	1	ROD WLDMT
3	33002982250	2	BUSHING, ROD END 1-1/2" LG
4	33002982251	2	BUSHING, BARREL END 2" LG
5	33002982068	1	SEAL KIT

## HYD CYL ASY - SWING W/ SPHERICAL ROD END



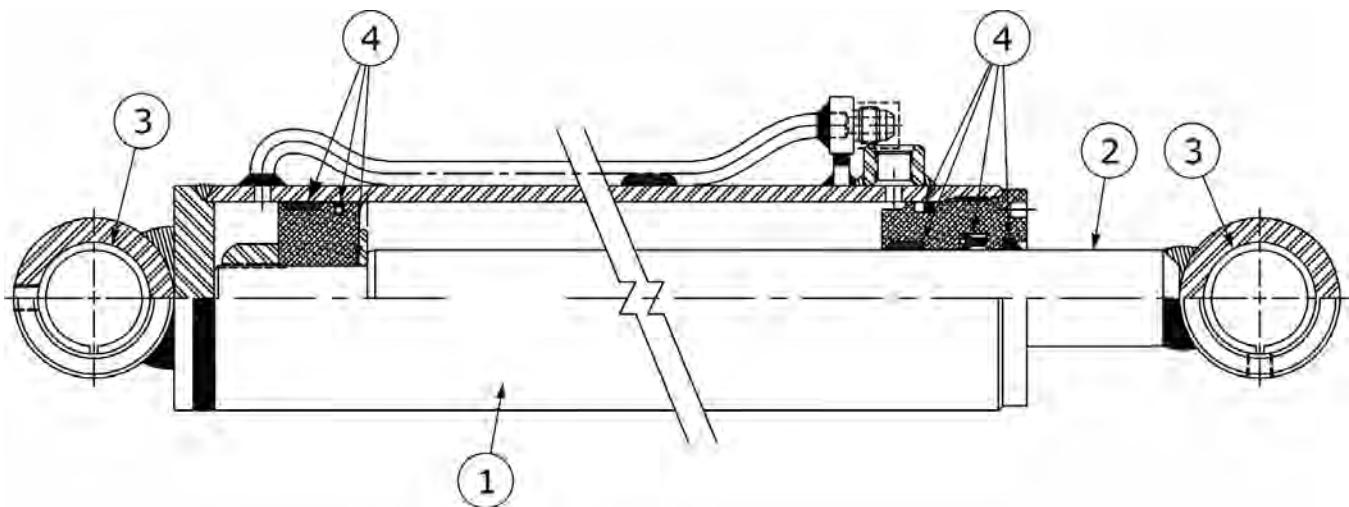
ITEM	PART NO.	QTY.	DESCRIPTION
	33002981275	1	HYD CYL ASY, SWING CYL (W/ SPHERICAL ROD END)
1	33002981921	1	BARREL WELDMENT
2	33002981922	1	ROD ASY (W/ SPHERICAL ROD END)
3	30000752670	1	GREASE FITTING
4	33002982066	1	SEAL KIT

## HYD CYL ASY - SWING W/ TUBE ROD END



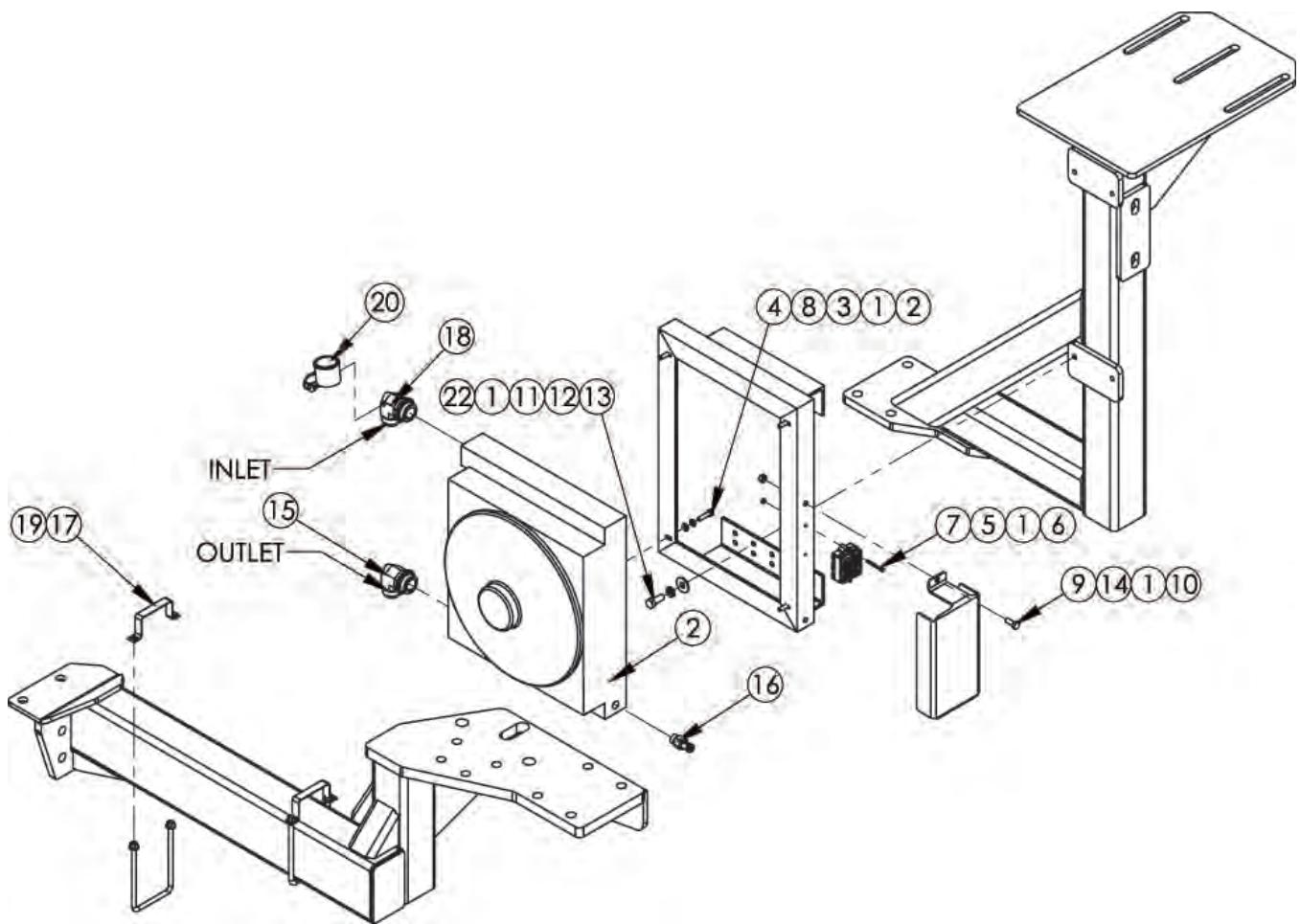
ITEM	PART NO.	QTY.	DESCRIPTION
	33002981275	1	HYD CYL ASY, SWING CYL (W/ TUBE ROD END)
1	33002981921	1	BARREL ASY
2	33002981922	1	ROD ASY (W/ TUBE ROD END)
3	30000752670	1	GREASE FITTING 1/4-28 BOLT THD
4	33002982066	1	SEAL KIT

## HYD CYL ASY - TILT (18-22 FT BOOM)



ITEM	PART NO.	QTY.	DESCRIPTION
	33002984944	1	CYLINDER, 3.5B X 1.75R X16S
1	33002986286	1	BARREL WLDMT
2	33002986287	1	ROD WLDMT
3	33002982250	2	BUSHING, ROD END 1-1/2" LG
4	33002986288	1	SEAL KIT

## HYD OIL COOLER MOUNTING ASA



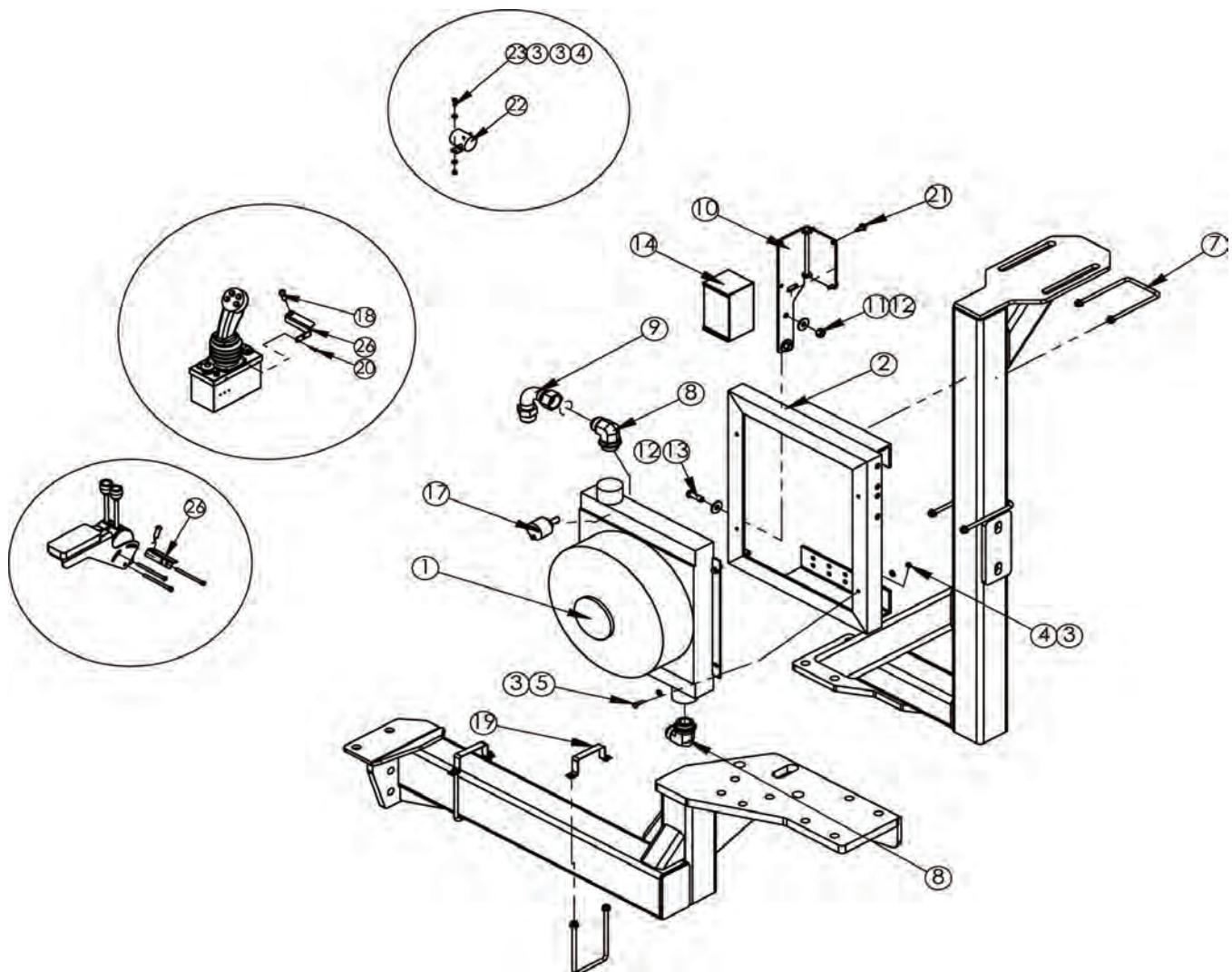
ITEM	PART NO.	QTY.	DESCRIPTION
1	30802996722	1	WLDMT, ASA COOLER FRAME
2	30002996711	1	HYD COOLER, ASA
3	30000023500	4	FLATWASHER 5/16 PL
4	30002996740	4	HHCS, M8-1.25 X 25MM PL8.8
5	30002996710	1	FAN CONTROLLER/ REVERSER ASA
6	30002996721	2	NUT, TL, #10-24 PL
7	30002996720	2	SHCS, #10-24 X 1-3/4" PL
8	30002970065	4	LOCKWASHER 8 MM
9	30000011400	2	HEXB 3/8-16 X 1 PLS
10	30000015800	2	LOCKNUT TLM 3/8-NC PLC
11	30000002700	4	FLATWASHER 1/2 PL STD
12	30000019600	4	LOCKWASHER, 1/2, HVY, PL
13	30002776600	4	HHCS 1/2 NC X 1 1/4 PL8
14	30002996715	1	PLATE, CONTROL COVER, ASA CLR
15	33002961098	1	ADP HYD ELBOW 20MB -20MJ 90
16	30002996714	1	TEMPERATURE SENSOR, ASA COOLER
17	30802993076	2	CLAMP, HOSE, RAIL MOUNT

## HYD OIL COOLER MOUNTING ASA

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
18	30002996865	1	HYD FTG 20MB-20MJ 90 W 1/8NPT
19	30002993057	2	U-BOLT 4" SQ X 7" LG X 3/8
20	30002994561	1	OIL TEMP GUAGE - 120F - 340F

## HYD OIL COOLER MOUNTING D30



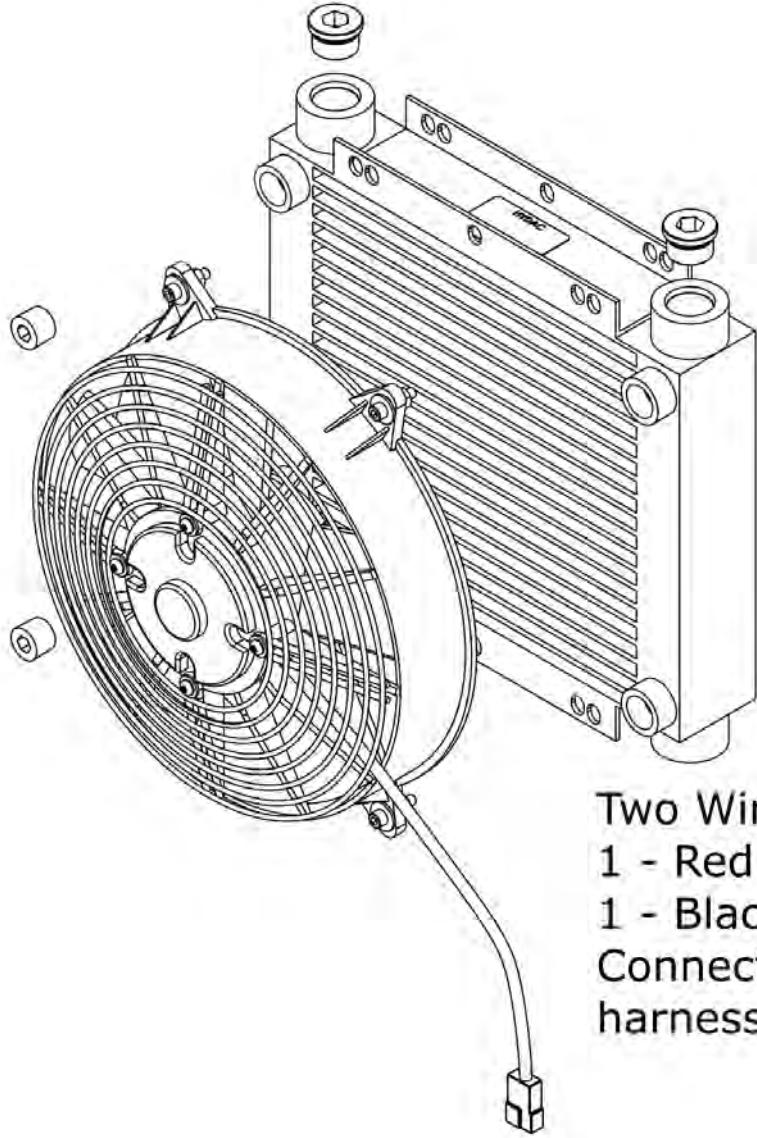
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002992829	1	HYD COOLER, D30-12, AKG
2	33002992830	1	WLDMNT, COOLER FRAME, AKG D30
3	30000024100	12	FLATWASHER STD 1/4 PL
4	30002959924	6	NUT, TOPLOCK 1/4 NC PLB
5	30010058000	4	HHCS 1/4NC-1" PL GR5
7	30002993057	4	U-BOLT 4" SQUARE X 7" LONG X 3/8, HARDWARE INC
8	30002961098	2	20 MB - 20 MJ 90°
9	30002960409	1	ADP HYD ELBOW 20FJX - 20MJ 90
10	30002992807	1	PLATE, REVERSER MOUNT,
11	30000001800	2	LOCKNUT TLM 1/2 NC PLC
12	30000002700	4	FLATWASHER 1/2 PL STD
13	30002892000	2	HHCS, 1/2"-13 NC x 1-1/2" PL8
14	33002991206	1	REVERSER, TIMED, FAN CONTROL
15	30802983372	1	WELDMENT, RIGHT REAR RAIL, NH TS100A

## HYD OIL COOLER MOUNTING D30

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
17	33002992753	1	TEMPERATURE PROBE, AKG COOLER
18	32002992889	2	LIGHT, HIGH TEMP, JOYSTICK MNT
19	30002993076	2	CLAMP, HOSE, RAIL MOUNT
20	30002993080	1	MACHINE SCREW #10-32 3/4 LG.
21	30000752735	4	SELF TAP 5/16NC 3/4
22	32002991208	1	RELAY, IGNITION, FALCON
23	33000021400	2	BOLT, HHCS 1/4" NC X 3/4" PL
24	33002993055	2	HANGER, FORMED, HOSE, 4.5" DIAMETER
26	33002994058	1	PLATE, HIGH TEMP LGT BRKT

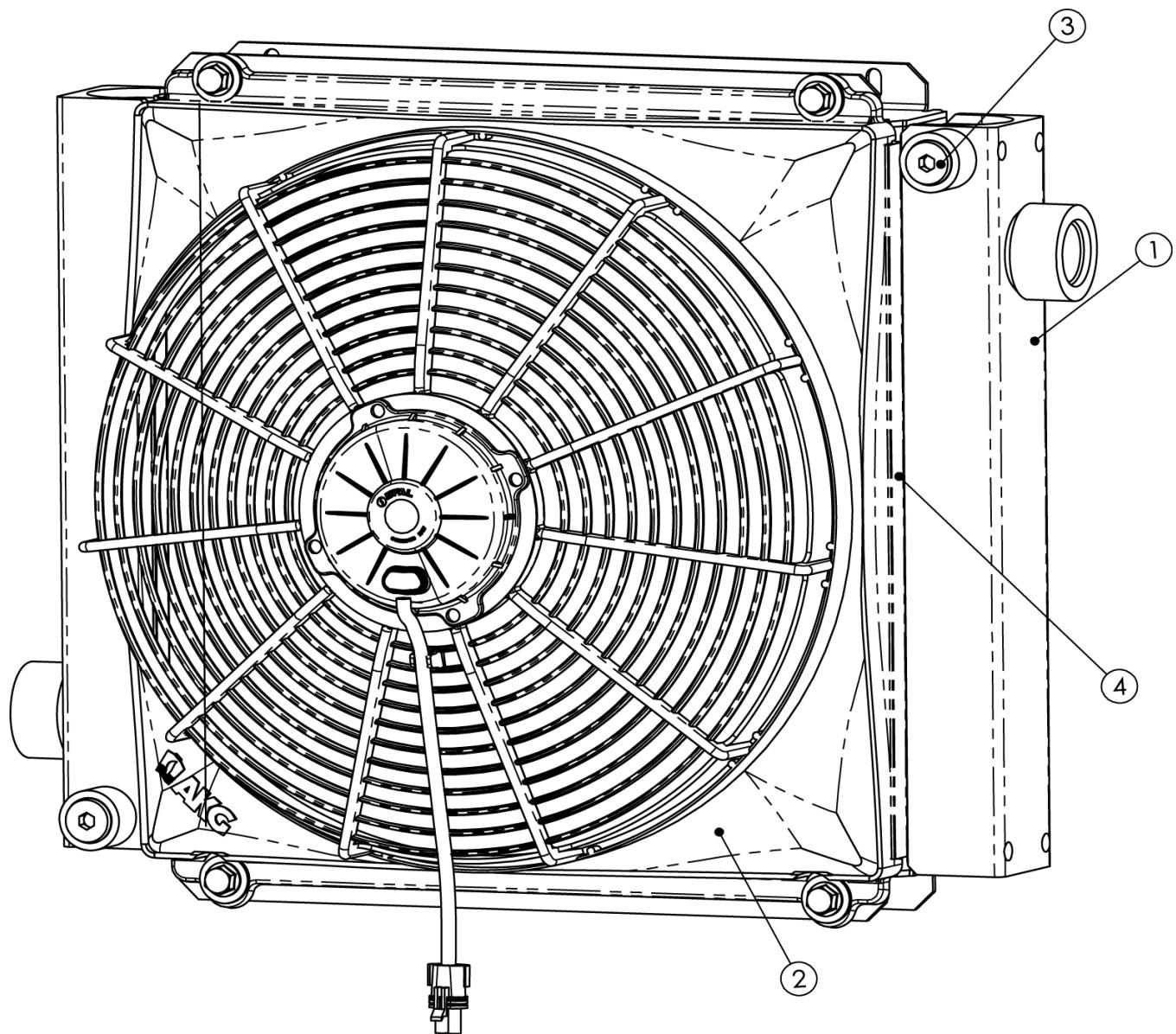
## HYD OIL COOLER & FAN ASY



Two Wires in plug  
1 - Red Wire + Connection  
1 - Black Wire - Connection  
Connects to exterior wire harness

ITEM	PART NO.	QTY.	DESCRIPTION
1	33002981377	1	HYD OIL COOLER & ELECTRIC FAN ASY.
	33002981886	1	HEAT EXCHANGE CORE
	33002981887	1	HEAT EXCHANGE FAN

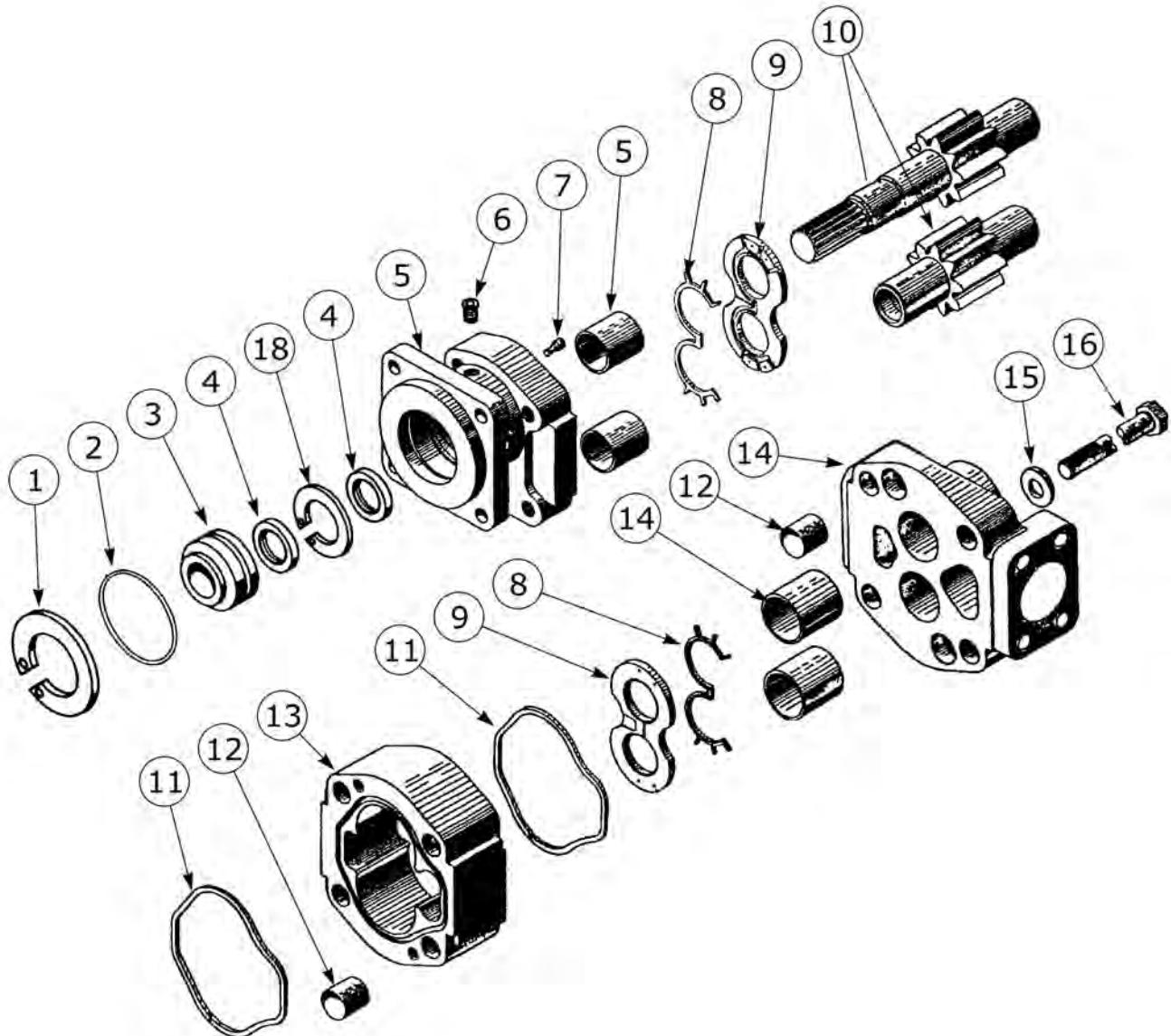
## HYD OIL COOLER D30



ITEM	PART NO.	QTY.	DESCRIPTION
0	33002992829	1	HYDRAULIC OIL COOLER D30
1	33002993483	1	D30 OIL COOLER
2	33002993423	1	16" GENERAL CAB FAN
3	30002993484	2	PLUG -8 SAE O-RING
4	00000000	2	LOCKING PROFILE SEAL

NOTE: \*NOTE: SEALS (QTY 2) ARE PROVIDED WITH REPLACEMENT FAN. TERRAIN KING P/N 33002993423

MOTOR HYD GEAR 8.0, HP SEAL - PN 33002961747

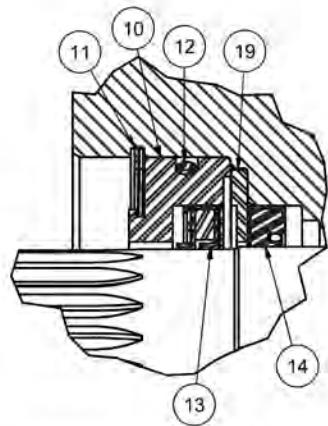


## MOTOR HYD GEAR 8.0, HP SEAL - PN 33002961747

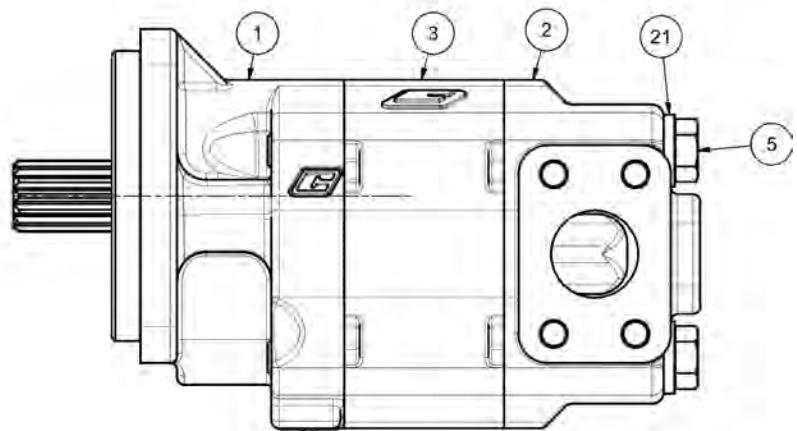
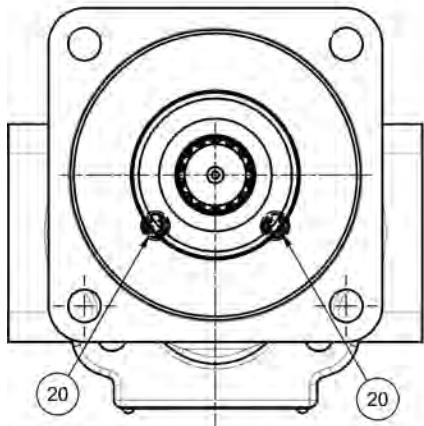
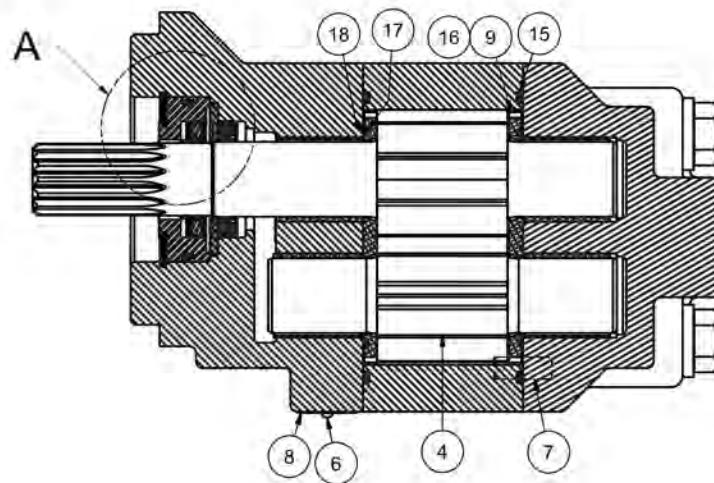
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	33002961747	1	MOTOR ASY, CAST IRON W/ SPLINED SHAFT
1	30002962200	1	SNAP RING
2	-----	1	O-RING (SEE SEAL KIT)
3	30002962199	1	SEAL RETAINER
4	-----	2	SEAL (SEE SEAL KIT)
5	30002962192	1	MOUNTING FLANGE
6	30002961940	1	PLUG, HEX SOCKET HEAD 4MB
7	30002961931	2	CHECK ASY
8	-----	4	SEAL END (SEE SEAL KIT)
9	-----	2	THRUST PLATE (SEE SEAL KIT)
10	30002962195	1	GEAR SET
11	-----	2	SQUARE SEAL, (SEE SEAL KIT)
12	30002962201	4	DOWEL PIN
13	30002962194	1	GEAR HOUSING
14	30002962193	1	PORTING FLANGE
15	30002962196	4	WASHER
16	30002962197	4	BOLT, HEX HEAD
17	-----	4	SIDE SEAL, (SEE SEAL KIT) NOT SHOWN
18	30002962291	1	SEAL RETAINER
19	30002962540	1	SEAL KIT, MINOR REBUILD (ITEMS 2,4,8,11&17)
	30002962202	1	SEAL KIT, MAJOR REBUILD (ITEMS 2,4,8,9,11&17)

MOTOR HYD GEAR 5.73 HP SEAL - 33002989904



DETAIL "A"

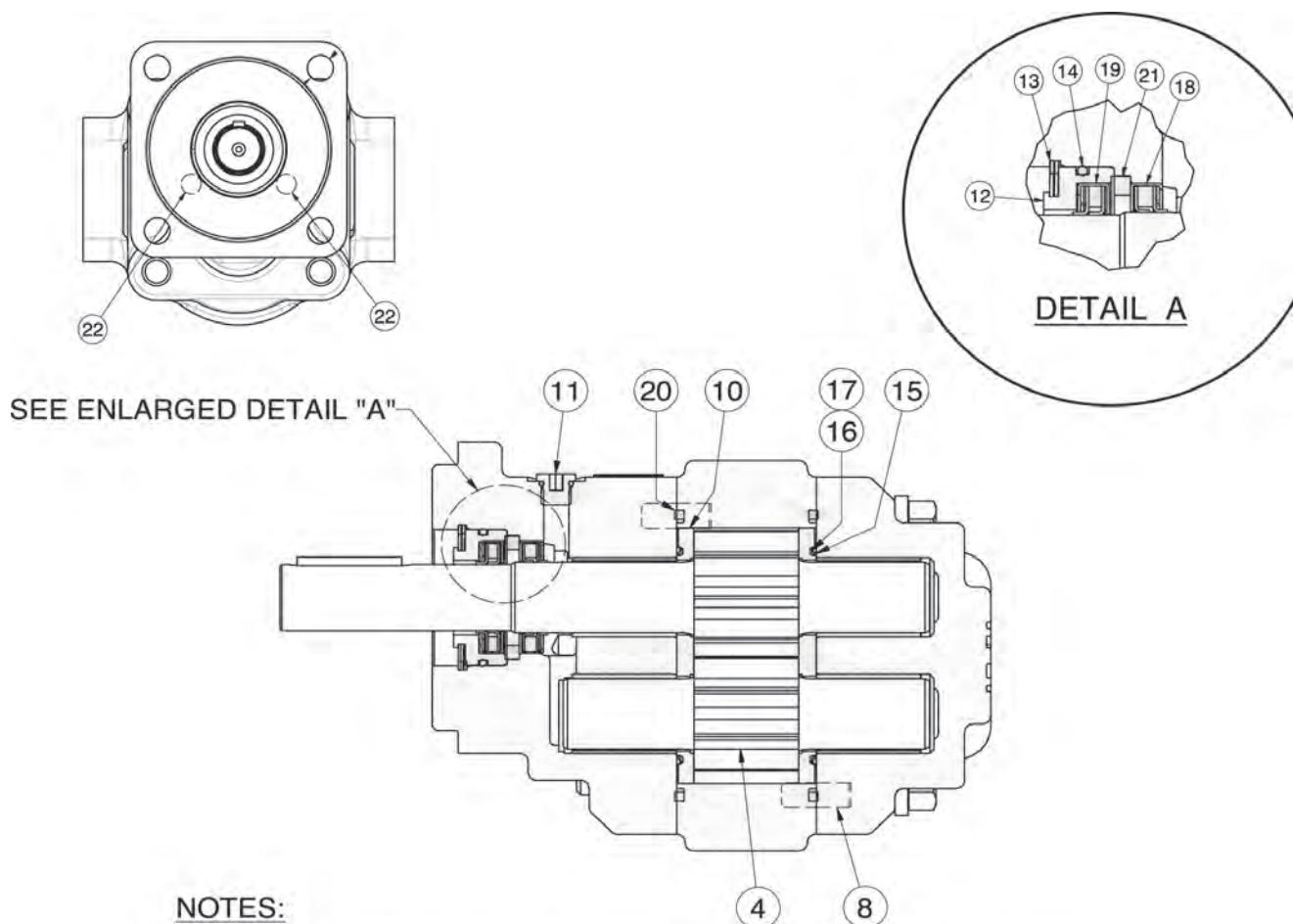


## MOTOR HYD GEAR 5.73 HP SEAL - 33002989904

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	33002989904	1	MOTOR,HYD, GEAR, 5.73, HP SEAL
1	33002961926	1	HOUSING, SEC
2	33002961927	1	HOUSING, PEC
3	33002962288	1	HOUSING, GEAR
4	33002990072	1	SET, GEAR SHAFT
5	33002962289	4	CAP SCREW
6	33002987938	2	SCREW, DRIVE
7	33002979953	4	PIN, DOWEL
9	33002979973	2	THRPL
10	33002961932	1	RTNR, SEAL
11	33002979971	1	RING, SNAP
12	33002980321	1	SEAL,O-R
13	33002979969	1	SEAL, LIP
14	33002990073	1	SEAL, LIP
15	33002979976	2	SEAL, SQ-R
16	33002979975	4	SEAL, SIDE
17	33002979974	4	SEAL, END
18	33002979972	2	SEAL, BACK-UP
19	33002990074	1	RTNR, SEAL
20	33002961931	2	CHECK ASS'Y
21	33002961917	4	WASHER
	33002990075	1	KIT, HP, SEAL, 5.73 CID MOTOR

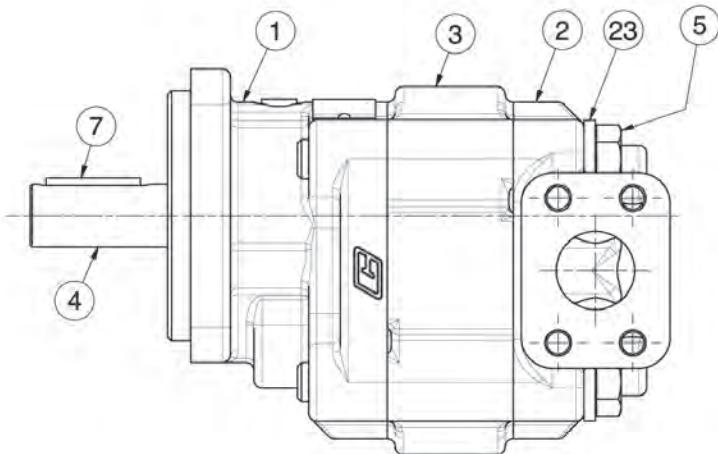
## MOTOR, GEAR PUMP 48 INCH FLAIL



### NOTES:

1 THE DRAIN MUST BE CONNECTED TO A LOW PRESSURE TANK RETURN LINE UNLESS THE OUTLET PRESSURE IS ALWAYS LESS THAN THE PRESSURE RATING OF THE SHAFT SEAL.

2 USE Seal KIT: 30002988473

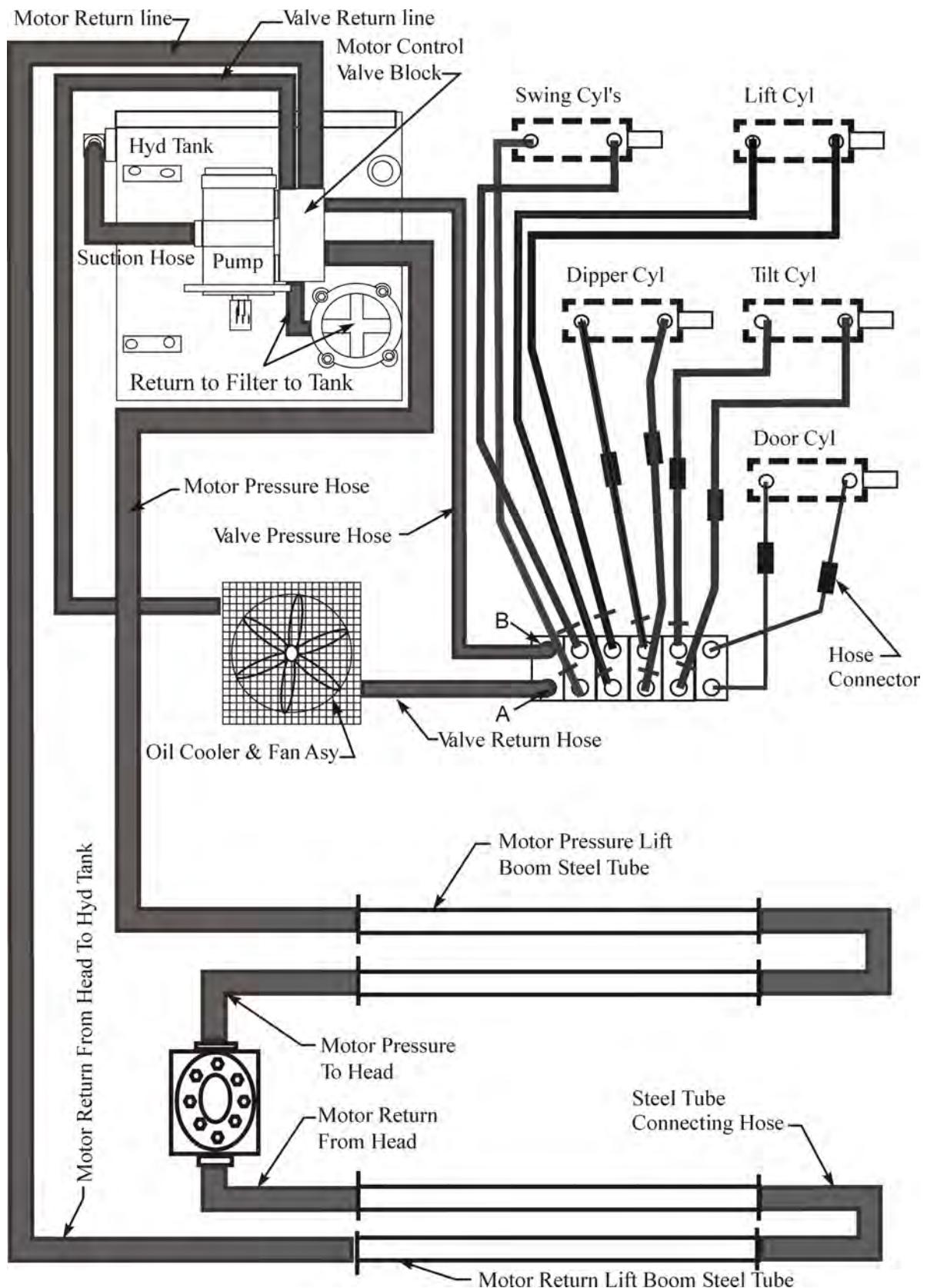


## MOTOR, GEAR PUMP 48 INCH FLAIL

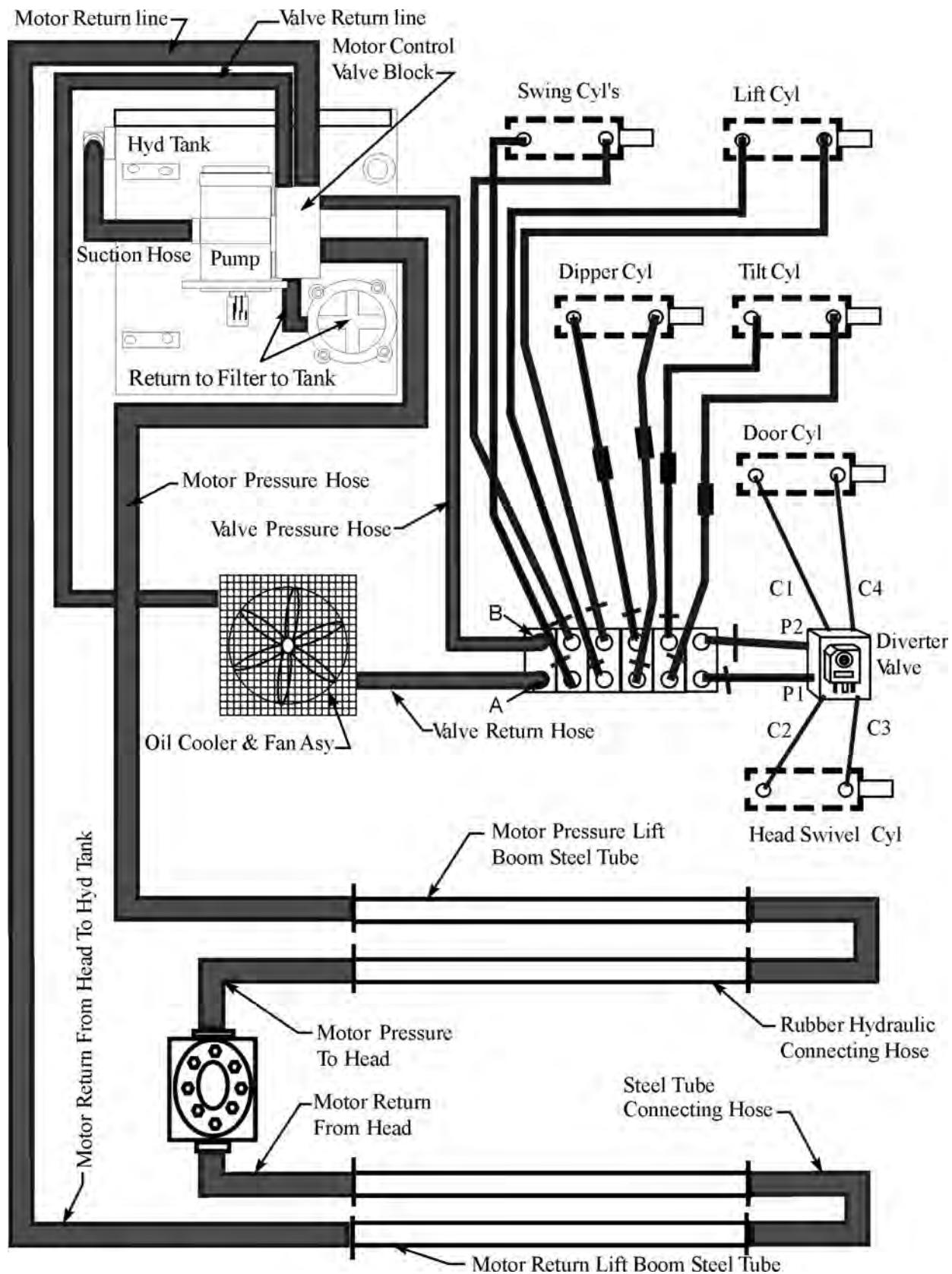
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	30002964933	1	FLANGE- MOTOR MTG
2	30002962204	1	PORTING FLANGE
3	33002964706	1	HOUSING,GEAR
4	33002988480	1	SET,SHAFT,GEAR,MOTOR 3.0 CU/IN
5	30002964707	4	CAPSCREW
7	30002962207	1	KEY 1/4 X 1/4 X 1 1/2 LG
8	30002979953	4	DOWEL PIN, PUMP, HYDRO 15/10
10	30002988479	2	THRPL, MOTOR, GEAR, 3.0 CU/IN
11	30002961940	1	PLUG HEX SKT HD 4MB
12	30002962209	1	RETAINER SEAL (INCLUDED IN SEAL KIT)
13	30002962210	1	RING, RETAINING, INTERNAL (INCLUDED IN SEAL KIT)
14	30002980320	1	O-RING FOR 02961678 MTR (INCLUDED IN SEAL KIT)
15	30002988478	2	SEAL, BACKUP, MOTOR, 3.0 CU/IN (INCLUDED IN SEAL KIT)
16	30002988477	4	SEAL, END, MOTOR, 3.0 CU/IN (INCLUDED IN SEAL KIT)
17	30002988476	4	SEAL, SIDE, MOTOR, 3.0 CU/IN (INCLUDED IN SEAL KIT)
18	30002980319	1	LIP SEAL FOR 02961678 MTR. (INCLUDED IN SEAL KIT)
19	30002980318	1	LIP SEAL FOR 02961678 MTR. (INCLUDED IN SEAL KIT)
20	30002988475	2	SEAL, SQ RING,MOTOR, 3.0 CU/IN (INCLUDED IN SEAL KIT)
21	30002988474	1	SPACER, MOTOR, GEAR, 3.0 CU/IN
22	33002961931	2	CHECK ASSEMBLY
23	30002961912	4	WASHER

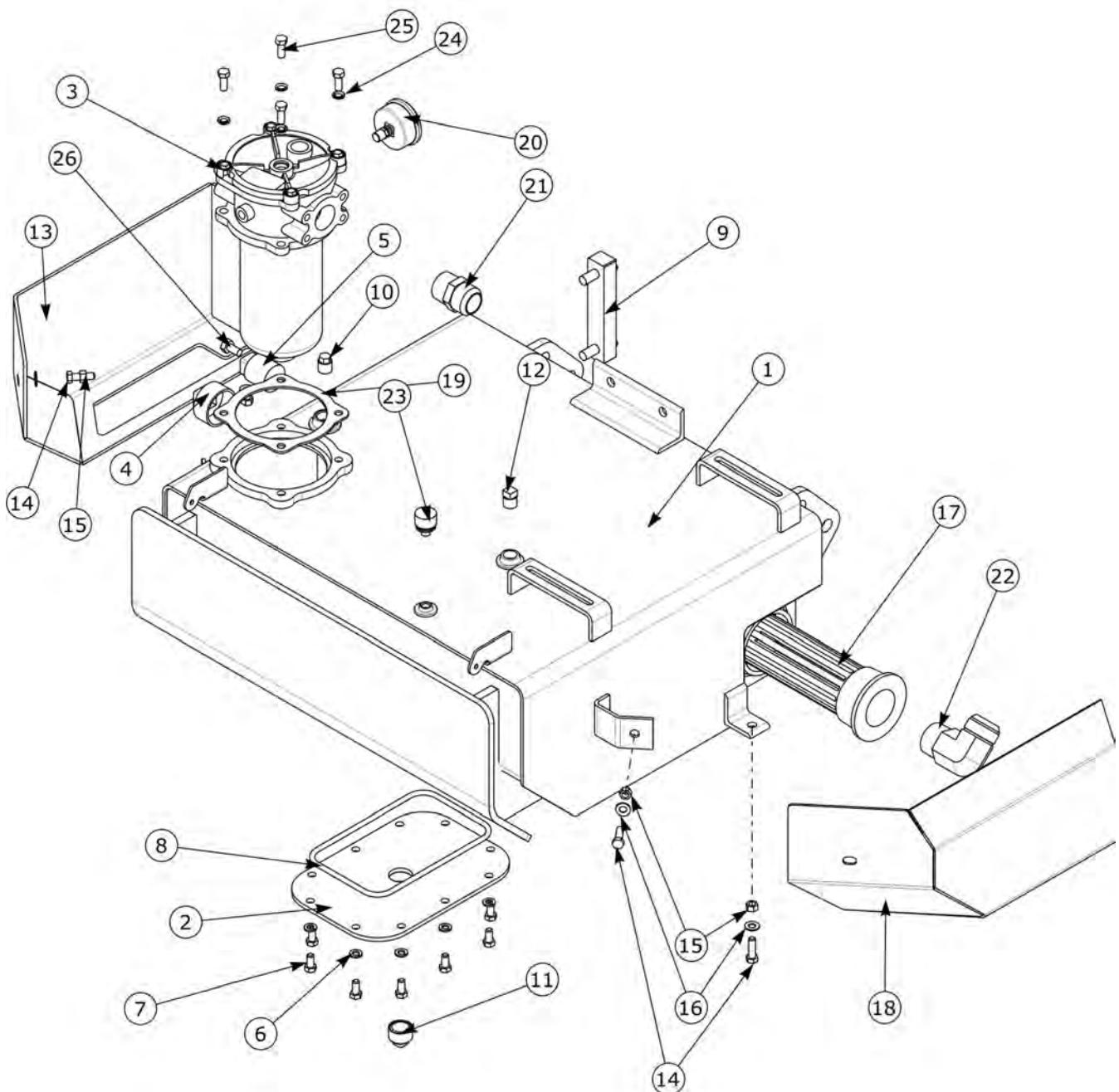
**HYD SCHEMATIC - SOLID MNT HEAD (STD) - 18-22 FT BOOM**



## HYD SCHEMATIC - SWIVEL MNT HEAD (OPT) - 18-22 FT BOOM



## HYD TANK SUB-ASY

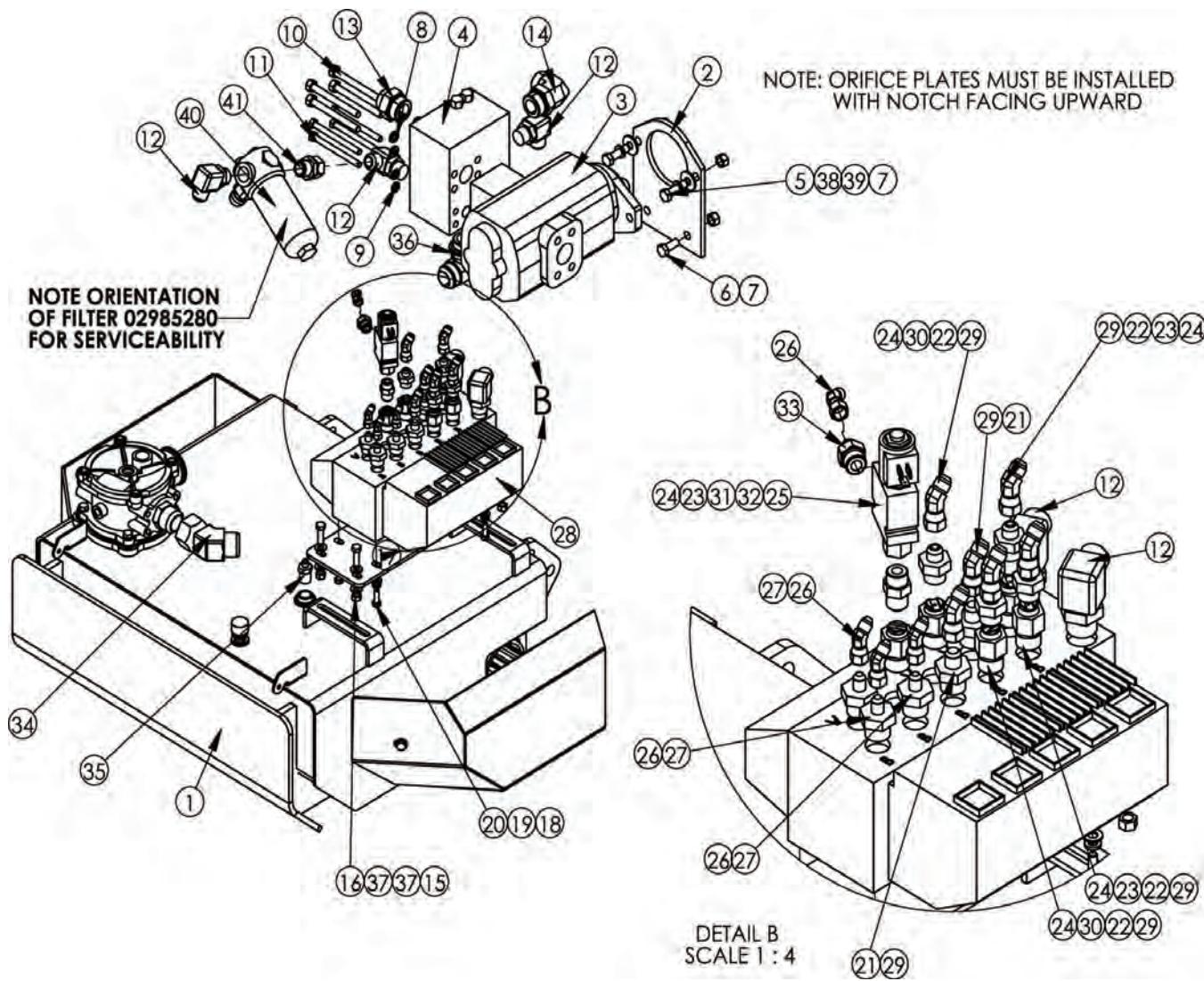


## HYD TANK SUB-ASY

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
1	33002989139	1	TANK, WLDMT, HYD, DUAL PUMP
2	30102981413	1	WELDMENT, COVER, CLEANOUT
3	33002964748	1	FILTER ASSEMBLY, MODIFIED
4	30002982884	1	PIPE PLUG 2"
5	30002979618	1	PIPE PLUG 1-1/4"
6	30000012101	-	LOCKWASHER, 3/8" PL
7	30000002000	1	HHCS 3/8 NC 3/4 PL5
8	30002981400	1	O-RING, CLEANOUT SEAL
9	30002968880	1	GAUGE, TEMP LEVEL INDICATOR
10	3000221900	1	PIPE PLUG 3/4"
11	33002963659	1	PLUG, MAGNETIC 1" NPT
12	30000749508	1	PLUG 1/2" NPT
13	30102981386	1	ASY, SHIELD FORMED
14	30000753642	4	HHCS 3/8 NC 1-1/4 PL5
15	30000015800	4	LOCKNUT TLM 3/8 NC PLC
16	30000011100	4	FLATWASHER 3/8 STD
17	33002982847	1	STRAINER, SUCTION 3 WITH 2 OUTLET
18	30102982871	1	DRIVER SIDE COVER WELDMENT
19	33002963662	1	GASKET, FILTER ASY, FIBER
20	33002962963	1	DIAL INDICATOR - IN TANK FILTER
21	33002960809	1	ADP, HYD STGHT 20MP-20MJ
22	33002982990	1	HYD, ELBOW 32 MP - 24 MJ 90
23	33002983078	1	NYLON BREATHER FILTER NY-4
24	33002962864	4	WASHER, SEALING 3/8
25	30000011400	4	BOLT, HHCS 3/8 NC 1 PL5
26	33002983378	1	HHCS M10-P1.0-20MM

**HYD TANK W-PUMP & ELECT VALVE ASY - 18-22 FT BOOM**



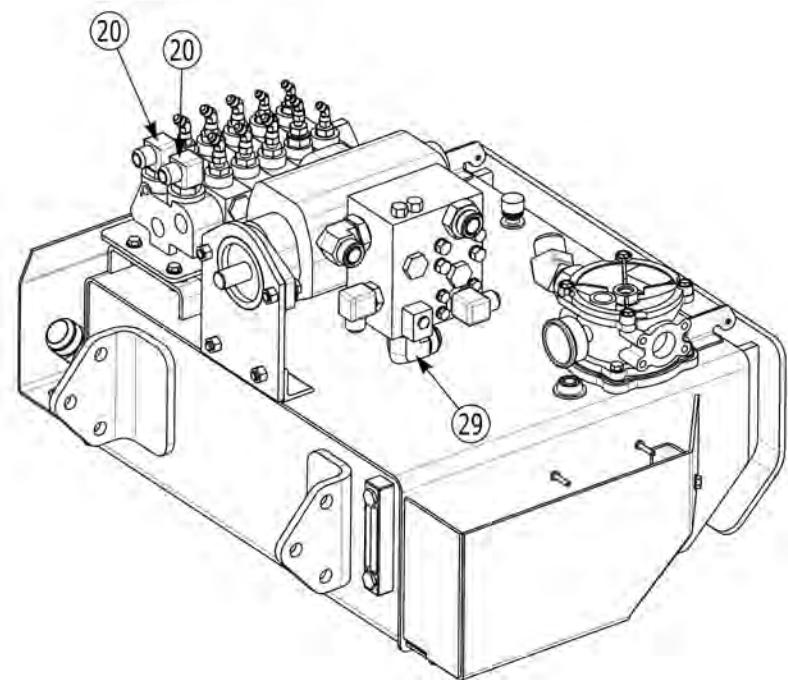
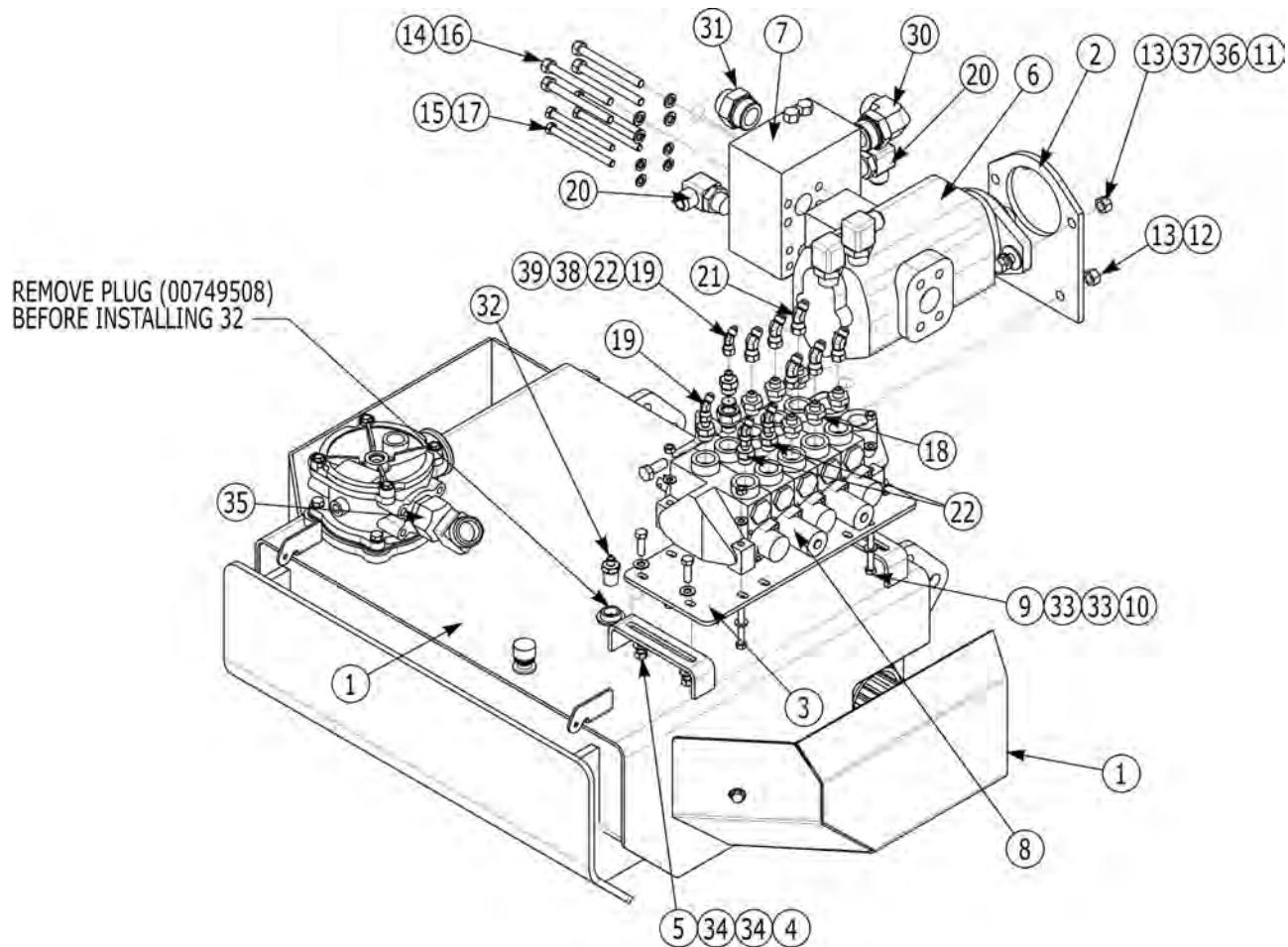
ITEM	PART NO.	QTY.	DESCRIPTION
	32002986578	1	ASY, TANK & ELEC VALVE
1	33002982882	1	ASY, TANK, HYDRAULIC
2	30002981468	1	BRACKET, SHIPPING
3	33002985600	1	FRT PUMP ASY - TANDEM
****	33002983736	1	CUTTER BLOCK (DEUTSCH)
4	33002983736	1	CUTTER BLOCK (DIN)
5	30002891800	2	HHCS 1/2 NC 1-3/4 PL8
6	30002776600	2	HHCS 1/2 NC X 1 1/4 PL8
7	30000001800	4	LOCKNUT TLM 1/2 NC PLC
8	30000022200	4	HIGH ALLOY, L/W 7/16 YZ
9	30000012101	4	LOCKWASHER, 3/8" PL
10	30002970451	4	HHCS 7/16 NC 4-1/2 PL8
11	30002972565	4	HHCS 3/8 NC 4-1/2 PL5

## HYD TANK W-PUMP & ELECT VALVE ASY - 18-22 FT BOOM

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
12	33002090800	5	ADP, HYD ELBOW 12MB - 12MJ 90
13	33002961006	1	ADP 20MB-16MJ
14	33003200298	1	ADP 20MB-16MJ 90°
15	30000753642	4	HHCS 3/8 NC 1-1/4 PL5
16	30000015800	4	LOCKNUT TLM 3/8 NC PLC
17	30002983892	1	PLATE, ADP, PVG32
18	30000023500	4	FLATWASHER 5/16, TYPE AW, ZP
19	30000011700	4	HIGH ALLOY, L/W 5/16 YZ KG
20	30010119000	4	HHCS 5/16 NC 1 PL5
21	33002972177	2	ADP, HYD ST 10MB - 6MJ
22	33002968850	4	ADP, HYD ST 8MB-6MJ
23	33002969398	3	ORIFICE, .055 RESTRICTOR
24	33002972113	5	ADP, HYD 10MB - 8FB
25	33002972208A	1	ASY, VALVE SOLENOID (DIN)
****	33002996739	1	ASY, VALVE SOLENOID (DEUTSCH)
26	33002976532	4	ADP, HYD, 4MJ-4FJX 45
27	33002972179	3	ADP, HYD ST 10MB - 4MJ
****	33002996709	1	VALVE, PVG32 O-CTR (DEUTSCH)
28	33002971379	1	VALVE, PVG32 O-CTR (DIN)
29	33002976531	6	ADP HYD ELBOW 6MJ-6FJX 45
30	33002988583	2	ORIFICE, .094 RESTRICTOR
31	33000696800	1	ADP HYD STGHT 8MB-8MJ
32	33002975438	1	ADP, HYD STGHT 8FJX-8MB
33	33002822300	1	ADP, HYD ST 8MB-4MJ
34	33002960411	1	ADP. HYD 20MJ - 20FJX 45
35	33002957691	1	ADP HYD STGHT 4MJ-8MP
36	33002961098	1	20 MB - 20 MJ 90°
37	30000011100	8	FLATWASHER 3/8 STD
38	30000001300	2	HIGH ALLOY, L/W 1/2 YZ KG
39	30000759635	2	FLATWASHER, 1/2 HARDENED
40	33002985280	1	FILTER ASY,PRESSURE,VISU IND
41	33002964135	1	ADP HYD ELBOW 12MB-12FJX

**HYD TANK W-PUMP & MAN VALVE ASY - 18-22 FT BOOM**

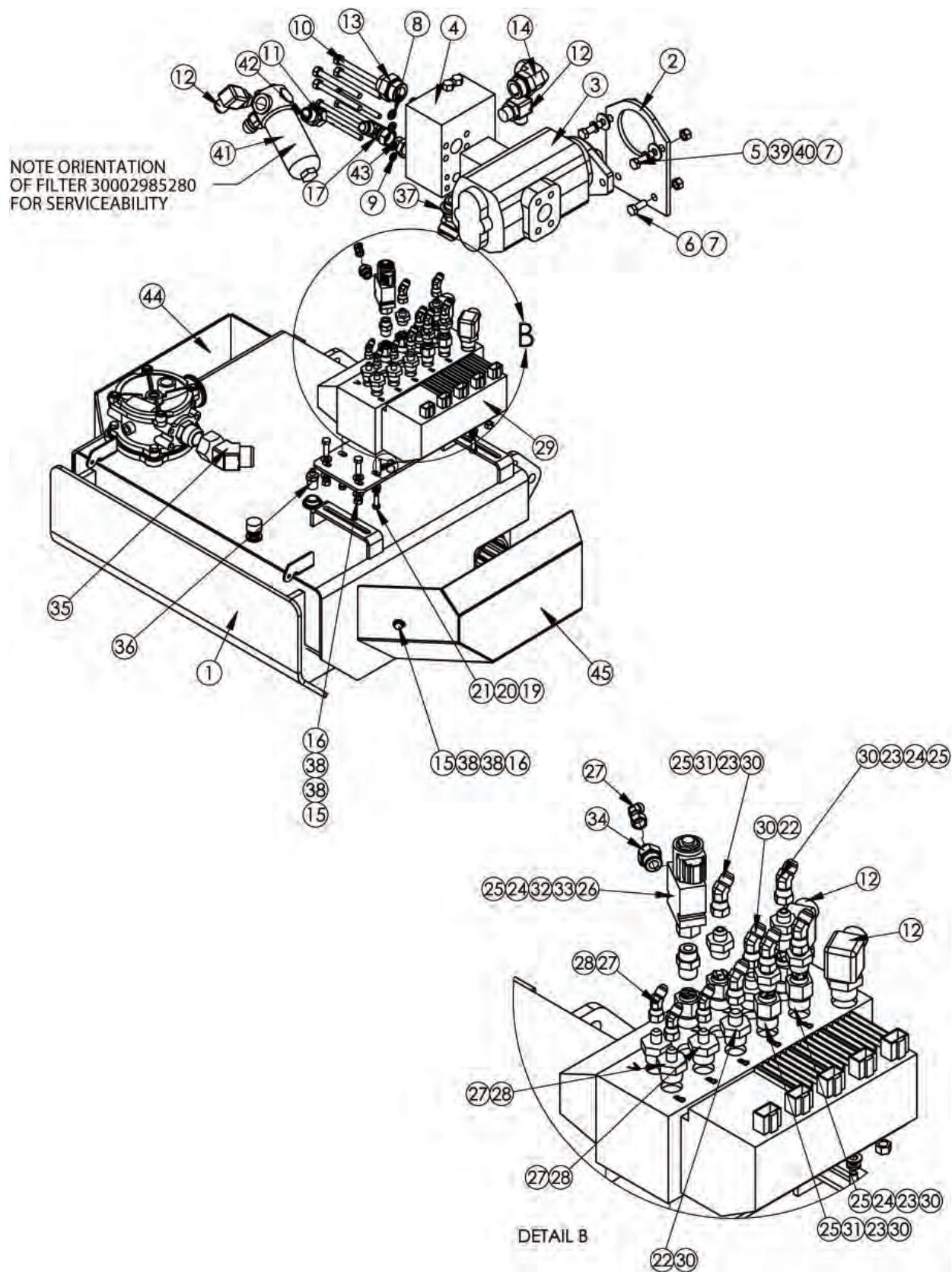


## HYD TANK W-PUMP & MAN VALVE ASY - 18-22 FT BOOM

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	32002986577	1	ASY, TANK
1	33002982882	1	ASY, TANK, HYDRAULIC
2	30002981468	1	BRACKET, SHIPPING
3	30002987519	1	VALVE MOUNT PLATE
4	00753642	4	HHCS 3/8 NC 1-1/4 PL5
5	30000015800	4	LOCKNUT TLM 3/8 NC PLC
6	33002985600	1	FRT PUMP ASY - TANDEM
7	33002983736	1	CUTTER BLOCK
8	33002987538	1	VALVE DIR CTRL 5-SPOOL
9	30002044900	3	BOLT, HHCS 5/16" X 2-3/4" LG
10	30000750940	3	NUT, TOPLOCK 5/16 NC PL B
11	30002891800	2	HHCS 1/2 NC 1-3/4 PL8
12	30002776600	2	HHCS 1/2 NC X 1 1/4 PL8
13	30000001800	4	LOCKNUT TLM 1/2 NC PLC
14	30000022200	4	HIGH ALLOY, L/W 7/16 YZ
15	30000012101	4	LOCKWASHER, 3/8" PL
16	30002970451	4	HHCS 7/16 NC 4-1/2 PL8
17	30002972565	4	HHCS 3/8 NC 4-1/2 PL5
18	33002968850	6	ADP, HYD ST 8MB-6MJ
19	33002976532	4	ADP, HYD, 4MJ-4FJX 45
20	33002090800	4	ADP, HYD ELBOW 12MB - 12MJ 90
21	33002976531	6	ADP HYD ELBOW 6MJ-6FJX 45
22	33002822300	4	ADP, HYD ST 8MB-4MJ
29	33002961098	1	20 MB - 20 MJ 90°
30	33003200298	1	ADP 20MB-16MJ 90°
31	33002961006	1	ADP 20MB-16MJ
32	33002957691	1	ADP HYD STGHT 4MJ-8MP
33	30000023500	6	FLATWASHER 5/16, TYPE AW, ZP
34	30000011100	8	FLATWASHER 3/8 STD
35	33002960411	1	ADP. HYD 20MJ - 20FJX 45
36	30000001300	2	HIGH ALLOY, L/W 1/2 YZ KG
37	30000759635	2	FLATWASHER, 1/2 HARDENED
38	33002969398	1	ORIFICE, .055 RESTRICTOR
39	33002972159	1	ADP HYD STGHT 8FB-8MB

TANK & ELEC VALVE ASSEMBLY (PART 1) P/N 30002996708

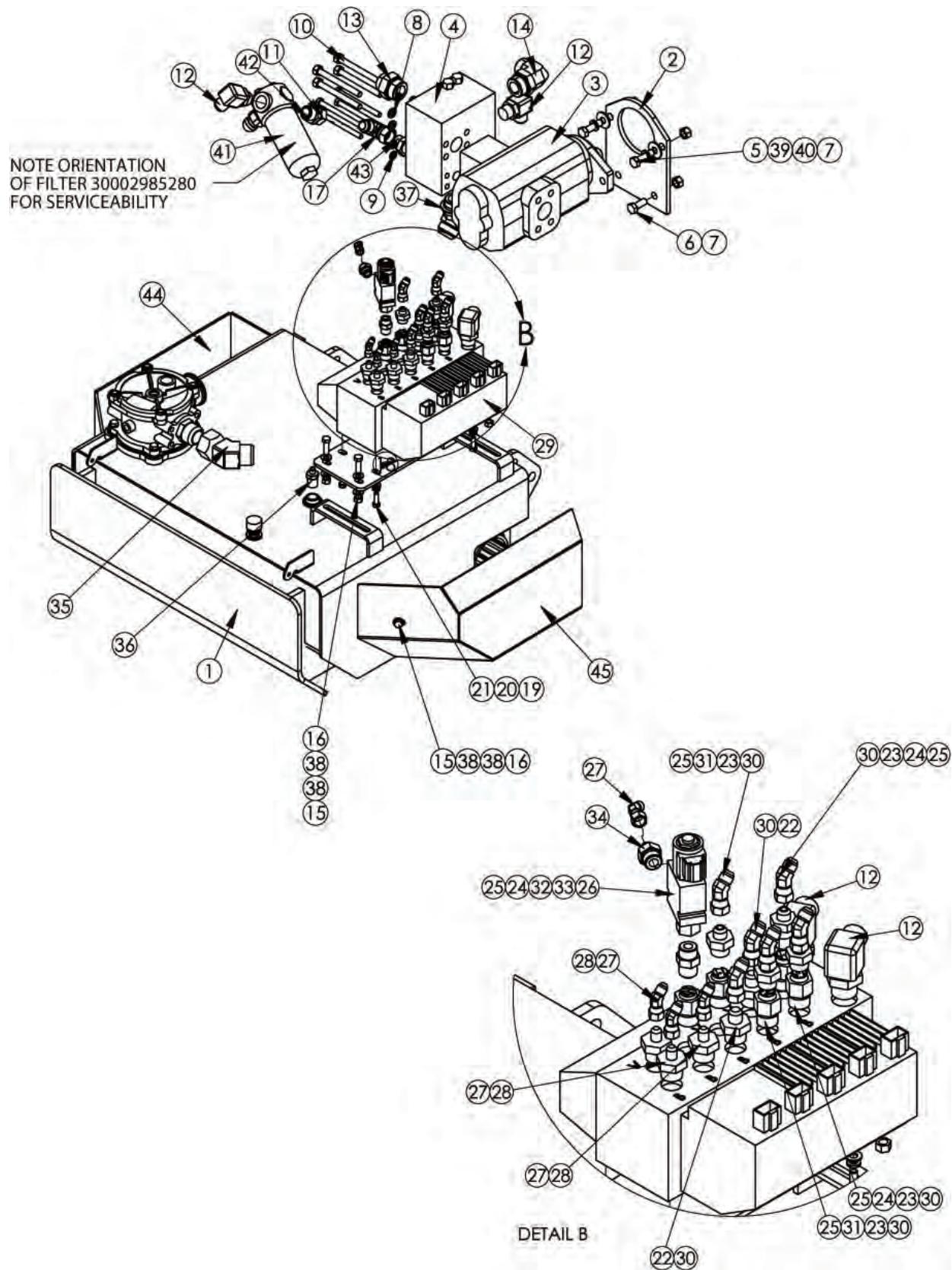


**TANK & ELEC VALVE ASSEMBLY (PART 1) P/N 30002996708**

**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	30002982882	1	ASY, TANK, HYDRAULIC
2	30002981468	1	BRACKET, SHIPPING
3	30002985600	1	FRT PUMP ASY - TANDEM
4	30002997130	1	ASY,MANIFOLD,STEEL BODY
5	30002891800	2	HHCS 1/2 NC 1-3/4 PL8
6	30002776600	2	HHCS 1/2 NC X 1 1/4 PL8
7	30000001800	4	LOCKNUT TLM 1/2 NC PLC
8	30000022200	4	HIGH ALLOY, L/W 7/16 YZ
9	30000012101	4	LOCKWASHER, 3/8, HVY, PL
10	30002970451	4	HHCS 7/16NC 4-1/2 PL8
11	30002972565	4	HHCS 3/8 NC 4-1/2 PL5
12	30002090800	4	ADP, HYD ELBOW 12MB - 12MJ 90
13	33002961006	1	ADP HYD STGHT 20MB-16MJ
14	33003200298	1	ADP HYD ELBOW 20MB - 16MJ
15	30000753642	8	HEXB 3/8 NC X 1-1/4 PL5
16	30000015800	8	LOCKNUT TLM 3/8-NC PLC
17	30002929300	1	ADP HYD 12MJ-12FJX90
18	30002983892	1	PLATE, ADP, PVG32
19	30000023500	4	FLATWASHER 5/16 PL
20	30000011700	4	HIGH ALLOY, L/W 5/16 YZ KG
21	30010119000	4	HEXB 5/16 X 1 NC GR5
22	33002972177	2	ADP HYD STGHT 10MB-6MJ
23	33002968850	4	ADP HYD STGHT 8MB-6MJ
24	33002969398	3	ORIFICE, .055 ONE-WAY RESTRCTR
25	33002972113	5	ADP HYD STGHT 10MB-8FB
26	30002996739	1	ASY 2-WAY NC SOLENOID VALVE
27	33002976532	4	ADP HYD STGHT 4MJ-4FJX45DEG
28	33002972179	3	ADP HYD STGHT 10MB-4MJ
29	33002996709	1	ASY,VALVE, O-CTR 5 SPL
30	33002976531	6	ADP HYD STGHT 6MJ-6FJX45DEG
31	33002988583	2	ORIFICE, .094 RSTRCTR 8ORB
32	33000696800	1	ADP HYD STGHT 8MB-8MJ
33	33002975438	1	ADP HYD STGHT 8MB-8FJX
34	33002822300	1	ADP HYD STGHT 8MB-4MJ
35	33002960411	1	ADP. HYD 20MJ - 20FJX 45

TANK & ELEC VALVE ASSEMBLY (PART 2) P/N 30002996708



**TANK & ELEC VALVE ASSEMBLY (PART 2) P/N 30002996708**

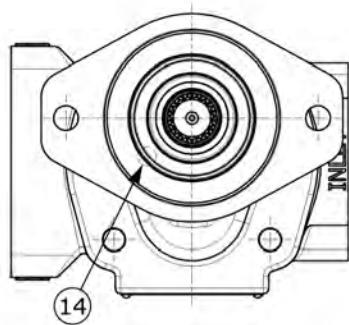
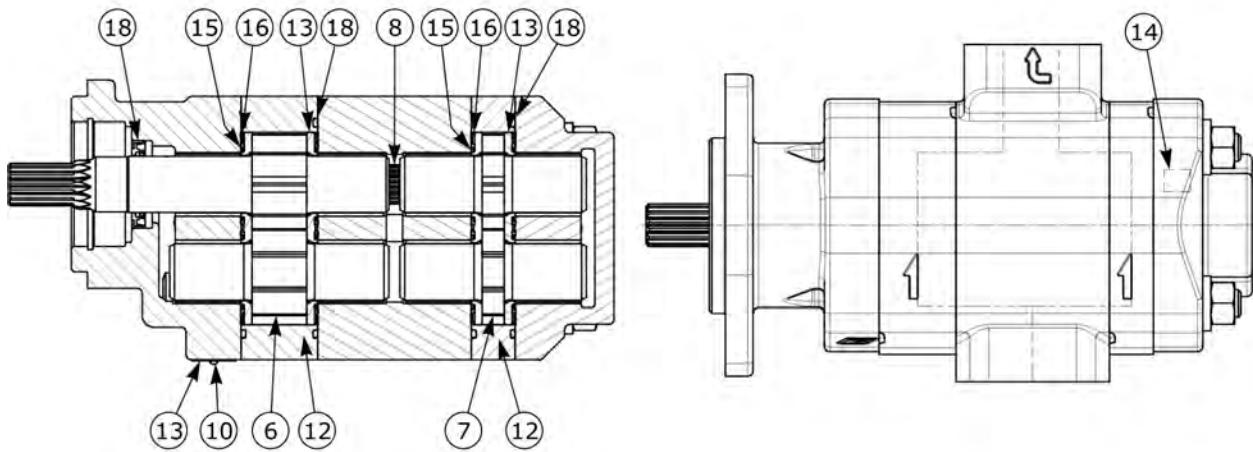
**Continued...**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
36	33002957691	1	ADP HYD STGHT 4MJ-8MP
37	30002961825	1	ADP HYD ELBOW 20MB-20MJ - 45
38	30000011100	16	FLATWASHER STD 3/8 - PLATED
39	30000001300	2	WASHER,LOCK 1/2 GR8 - YDP
40	30000759635	2	FLATWASHER, 1/2 HARDENED
41	30002985280	1	FILTER ASY, PRESSURE, VISU IND
42	33002964135	1	ADP, HYD ELBOW 12MB - 12FJX
43	30002964341	1	ADP, HYD 12MB - 12MJ ST
44	30002981386	1	WLDMT, SHIELD,FORMED
45	30002982871	1	WLDMT, COVER, DRIVER SIDE

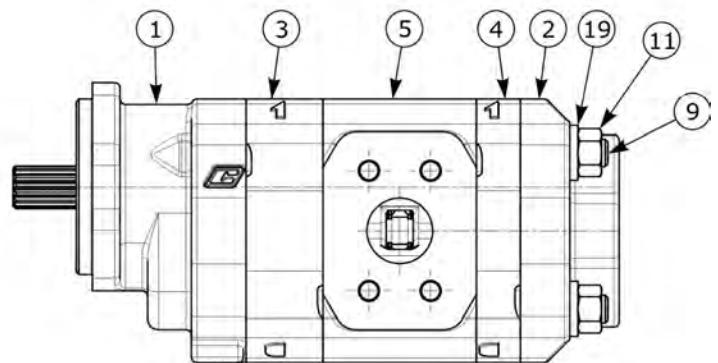
## JOYSTICK CONSOLE ASY SPR BOM

ITEM	PART NO.	QTY.	DESCRIPTION
1	30002995463	1	SWITCH, POWER, 3-POS
2	30002995462	1	LED, BOX, GREEN
3	30032122409	1	LED, RED, PANEL MT
4	32002981028	1	SWITCH PUSH PULL
5	30032123286	1	BLOCK, CONTACT, E-STOP
6	30032123287	1	HANDLE, JOYSTICK
7	30002981030	1	SWITCH MOMENTARY PUSHBUTTON
8	30032123288	1	DECAL, JOYSTICK OPERATION
9	30002981026	1	CIRCUIT BREAKER 10A PANEL MNT
10	30032123289	3	RELAY
11	30002981027	1	BOOT CIRCUIT BREAKER COVER
12	30032123292	1	HARNESS, RESISTOR

PUMP ASY - TANDEM 1 IN 2 OUT - PN 33002985600



CCW ROTATION

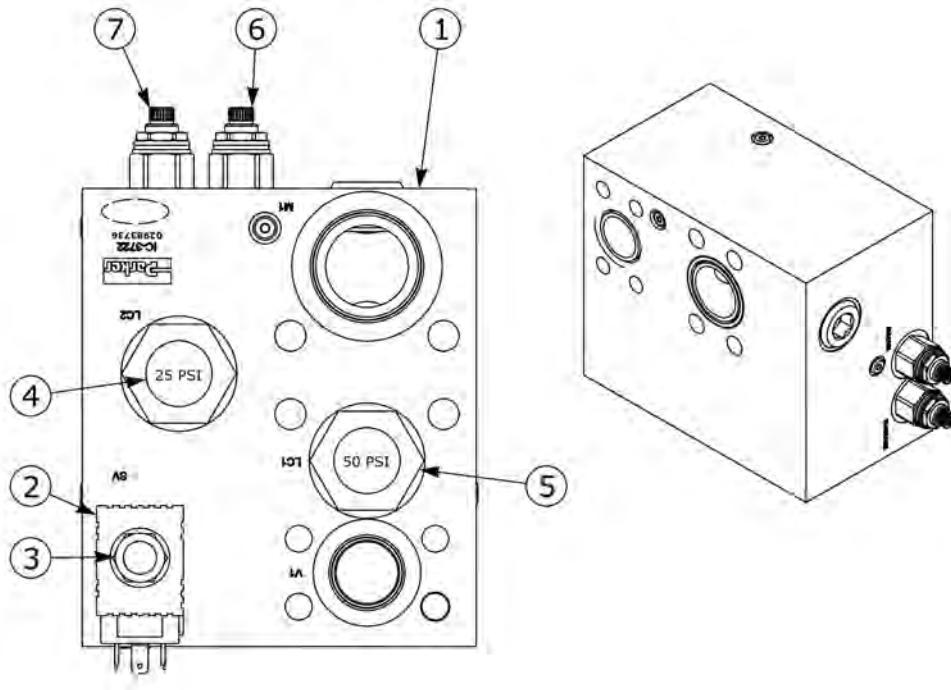


## PUMP ASY - TANDEM 1 IN 2 OUT - PN 33002985600

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	33002985600	1	FRT PUMP ASY-TANDEM 1 IN, 2 OUT
1	33002961913	1	MOUNTING FLANGE
2	33002962184	1	COVER FLANGE
3	33002987934	1	HOUSING, GEAR, FRT PUMP ASY
4	33002962186	1	GEAR HOUSING
5	33002987935	1	HOUSING,CARRIER BRNG, FRT PUMP
6	33002987936	1	SET, GEAR SHAFT, FRT PUMP ASY
7	33002962188	1	GEAR SET
8	33002962216	1	CONNECTOR SHAFT
9	33002987937	4	STUD, FRT PUMP ASY
10	33002987938	2	SCREW, DRIVE, FRT PUMP ASY
11	33002962190	4	NUT 5/8 NC PLB
12	33002979953	8	DOWEL PIN, PUMP, HYDRO 15/10
13	33002987939	4	THRPL, FRT PUMP ASY
14	33002961920	2	PLUG
15	33002987940	4	SEAL, BACKUP, FRT PUMP ASY
16	33002987941	4	SEAL, CHAN, FRT PUMP ASY
17	33002980336	1	LIP SEAL
18	33002987942	4	SEAL, SQ, R, FRT PUMP ASY
19	33002961917	4	WASHER
20	33002962539	1	KIT, REBUILD, MINOR, PUMP ASY
21	33002962191	1	KIT, REBUILD, MAJOR, PUMP ASY

## CUTTER CONTROL VALVE BLOCK



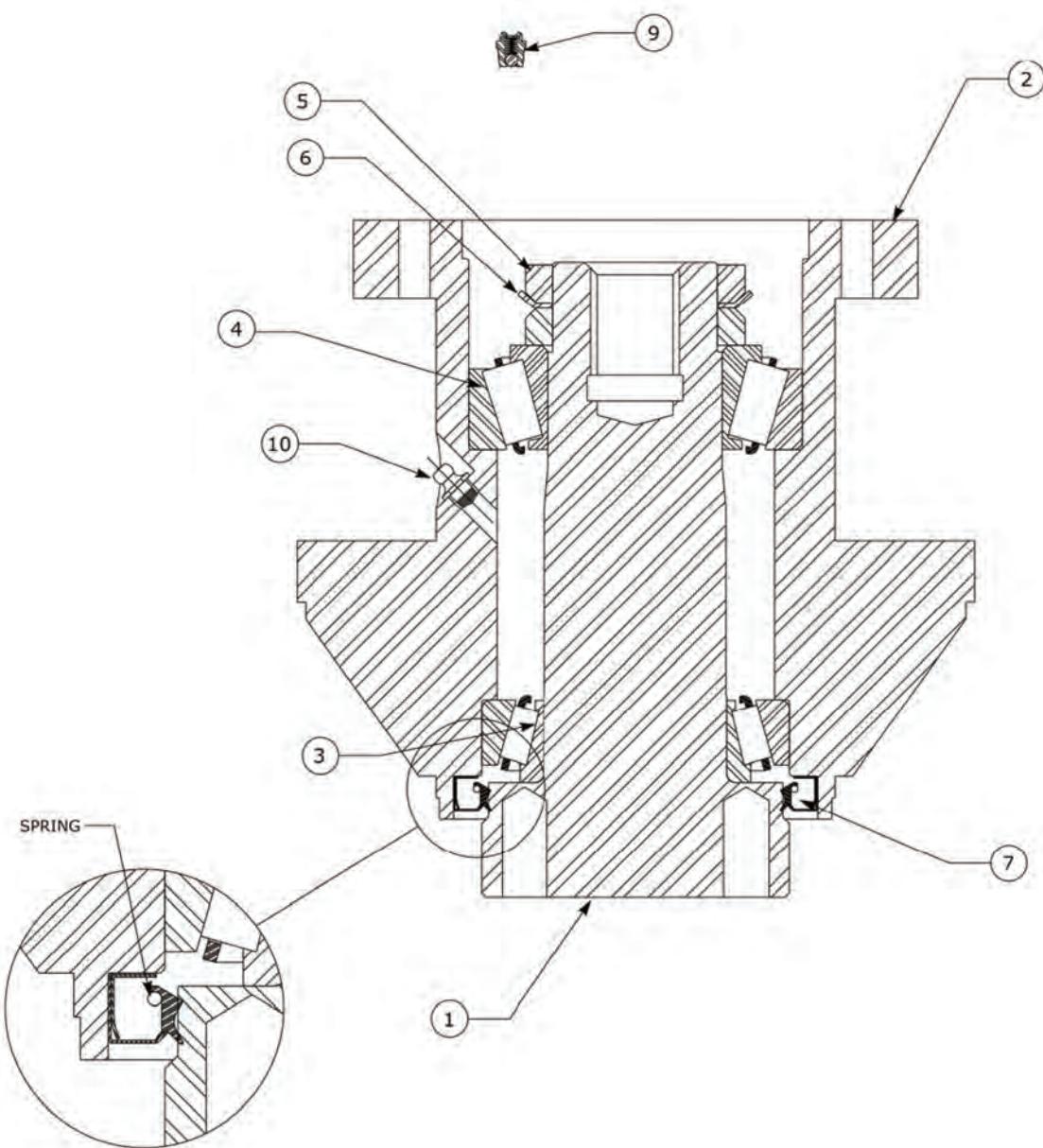
ITEM	PART NO.	QTY.	DESCRIPTION
1	33002983736	1	CUTTER VALVE BLOCK ASY
2	33002983513	1	COIL SOLENOID 12VDC DUAL SPADE
3	33002984339	1	SOLENOID, CARTRIDGE 2P3W
4	33002983516	1	LOGIC CART, 25 PSI, CUT VAL
5	33002983517	1	LOGIC CART, 50 PSI, CUT VAL
6	33002983515	1	RELIEF, MAIN, CUT VALVE
7	33002983514	1	RELIEF, BRAKE, CUT VALVE
8	33002986284A	1	KIT, SEAL COMPLETE
	33002988120	1	SEAL KIT, BLOCK TO PUMP
	33002980979	1	SEAL KIT LOGIC VALVE
	33002987165	2	SEAL KIT, RELIEF VALVE
	33002987375	1	SEAL KIT, VITON, SOL CARTRIDGE

## PUMP-TANK-VALVE COVER



ITEM	PART NO.	QTY.	DESCRIPTION
1	30002981381	1	PUMP COVER ASY
2	30002981441	2	KNOB STUD, 3/8"-NC X 1-1/2"
3	30000992000	3	CABLE, PUMP COVER STOP
4	30000001000	2	CABLE CLAMP

## SPINDLE ASSEMBLY - ROTARY HEAD



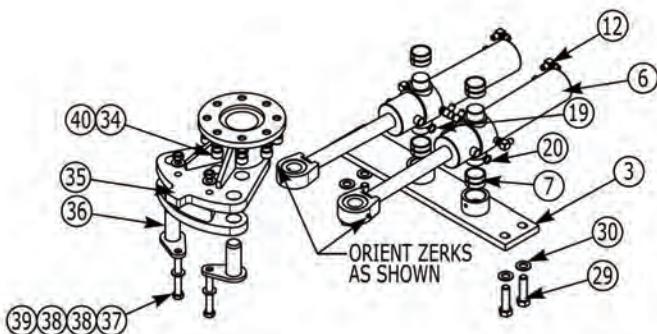
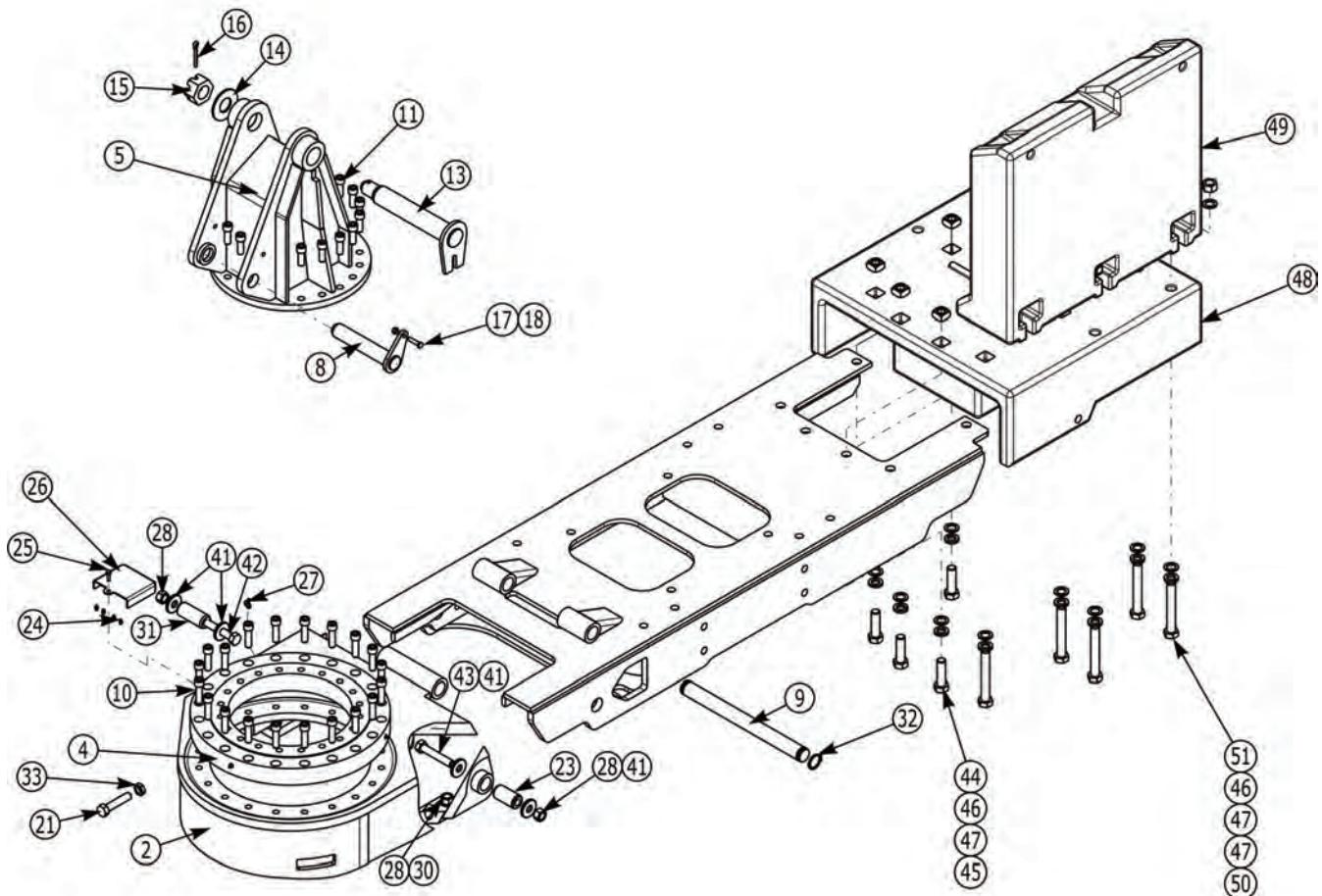
ITEM	PART NO.	QTY.	DESCRIPTION
0	34802968859A	1	ASY, SPINDLE HOUSING - SPLINED
1	34802967204	1	SPINDLE W/ NUT
2	34802967126	1	SPINDLE HOUSING
3	34802967197	1	LOWER BEARING
4	34802967196	1	UPPER BEARING
5	30002909500	2	NUT

## SPINDLE ASSEMBLY - ROTARY HEAD

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
6	30002909600	1	TANG LOCK WASHER
7	30002967198	1	SEAL
9	30002959018	1	RELIEF PLUG
10	30000003500	1	GREASE FITTING 1/8" STRAIGHT

## UNDER MOUNT FRAME ASY (PART 1)

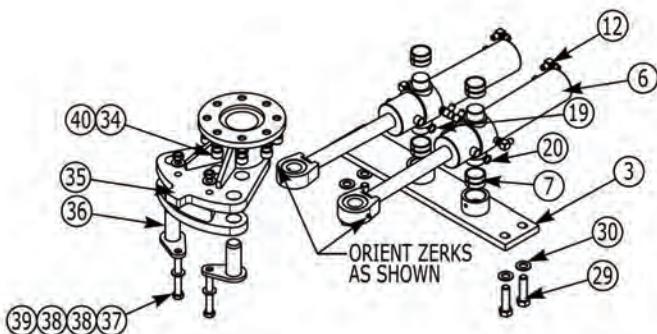
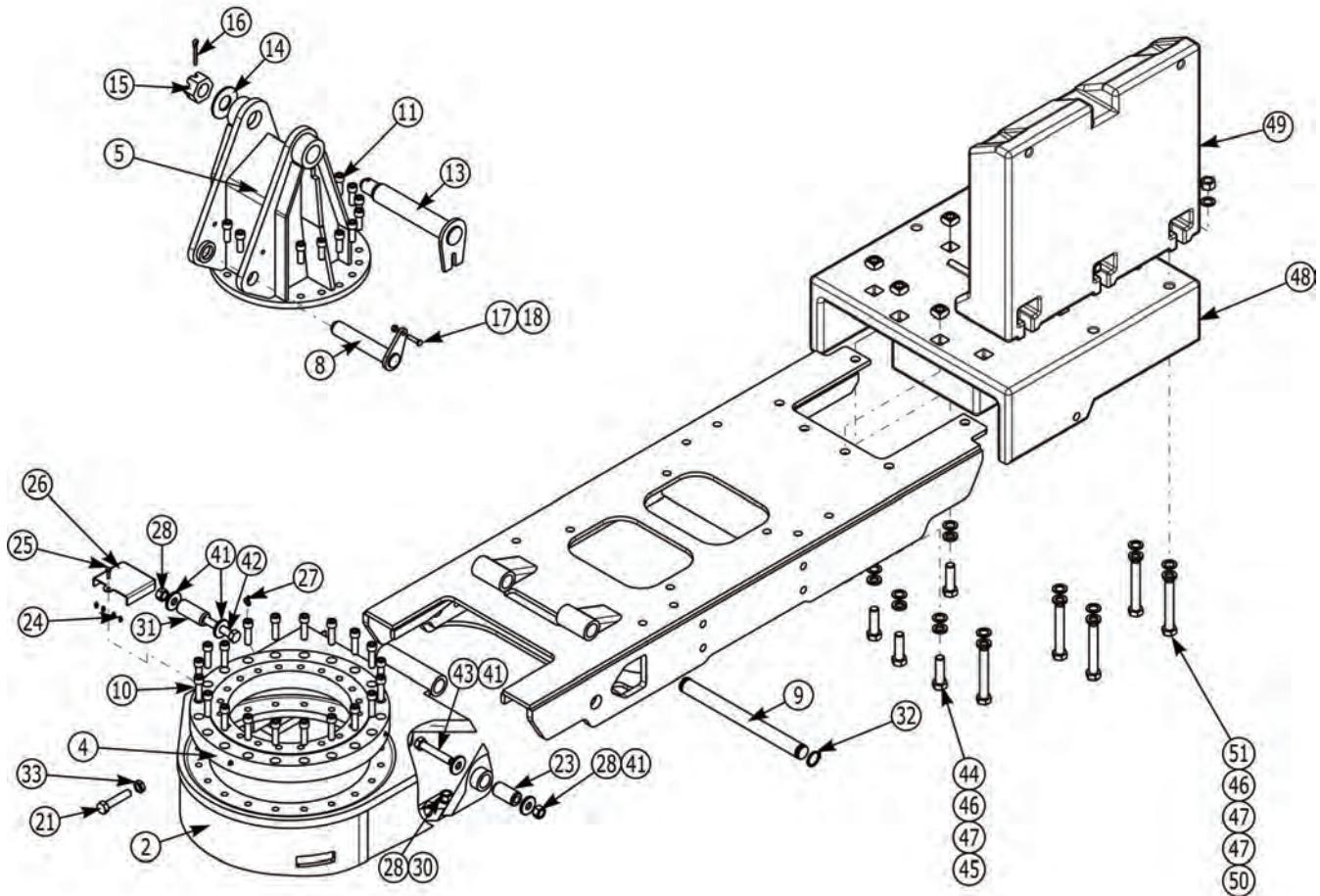


## UNDER MOUNT FRAME ASY (PART 1)

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	35002989208	1	ASY, UM FRAME, CC, DS
1	30002989071	1	WELDMENT, FRAME, UM
2	31102986506	1	MACHINED, BOOM MOUNT, UNDER MOUNT
3	31802983977	1	WELDMENT, TRUNION
4	30002981317	1	BEARING, 20" SLEWING
5	30002981141	1	MACHINED, TURRET, UNDER MOUNT
6	33002981275A	2	CYLINDER, 3.0B X 1.5R X 12.0S, SWING
7	30002981419	4	CONNEX BUSHING, 2 X 1 3/4 X 1 1/4 OD GROOVE
8	30002981295	1	WELDMENT, PIN, TURRET LIFT CYLINDER
9	30002986438	1	PIN, 1 1/2 X 17 3/4
10	30002981785	20	SHCS 5/8 NC 2 1/4 PL8
11	30002981786	18	SHCS 5/8 NC 1 3/4 PL8
12	33063149100	6	ADP, HYD ELBOW 6MB-6MJ 90
13	30002981293	1	WELDMENT, PIN, TURRET/LIFT
14	300015B2400	1	FLATWASHER NAR 1-1/2 PL
15	30002981702	1	SLOTTED NUT, 1-1/2 NF
16	30000165020	1	PIN, COTTER 5/16 X 2-1/2 PL
17	30000023100	1	HHCS 3/8 X 1-1/2 NC PL GR5
18	30000015800	1	LOCKNUT TLM 3/8 NC PLC
19	30002968832	1	VINYL TAPE GREEN 1/2" WIDE
20	30002968833	1	VINYL TAPE GREEN 1/4" WIDE
21	30000751581	1	HHCS 3/4 NC 3-1/2 PL8
23	30002988244	1	PIN, SHORT, FRONT PEDESTAL
24	30000752670	4	GREASE FITTING 1/4-28 BOLT THD
25	30010058000	1	HHCS 1/4NC-1" PL GR5
26	33102983027	1	SHIELD, MANIFOLD
27	30000752176	1	FITTING, GREASE 1/8 MP 90 DEG
28	30000037200	6	NUT 3/4 NC LOCKNUT
29	30002960521	4	HHCS 3/4 NC 2-3/4 PL8
30	30005312316	8	FLATWASHER 3/4 HARDENED
31	30002988243	1	PIN, LONG, REAR, PEDESTAL
32	30003200930	2	RETAINING RING,1.5 SHAFT HEAVY DUTY
33	30002023900	1	3/4 JAM NUT
34	30002708700	8	SHCS 3/4 NC 2 PL8
35	30002987653	1	MACH, TURRET CYLINDER HUB
36	30002987649	2	WELDMENT, TURRET PIN, TEARDROP
37	30002956735	2	BOLT, HHCS 5/8" X 5" LG
38	30000756077	4	WASHER, 5/8 HARDENED
39	30000695100	2	NUT, TOPLOCK 5/8 NC PLC
40	30002988671	8	3/4 NORD LOCKWASHER

## UNDER MOUNT FRAME ASY (PART 2)

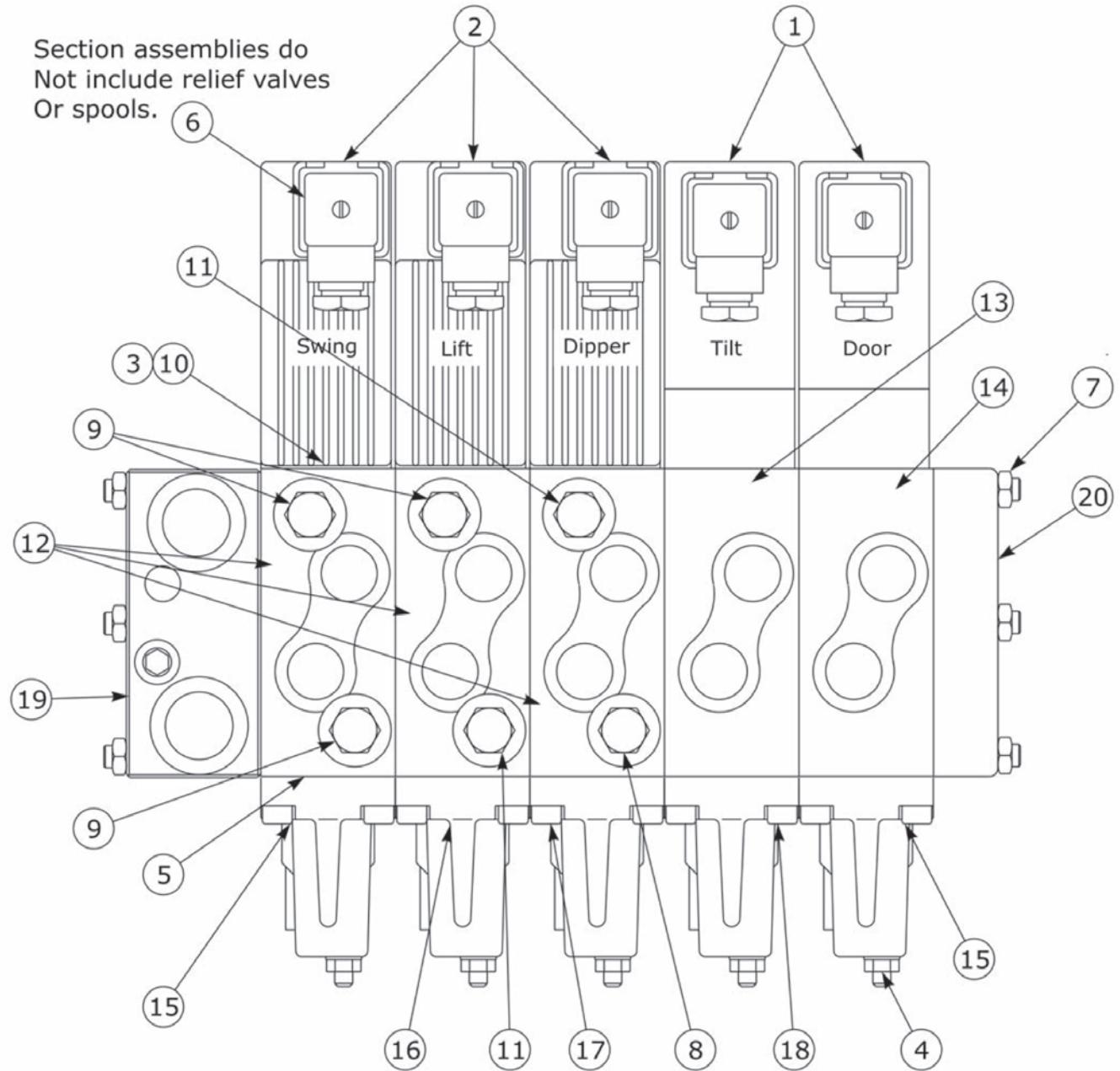


## UNDER MOUNT FRAME ASY (PART 2)

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
41	30002988184	4	FLATWASHER SPECIAL 3/4 X 2 X 1/4
42	30002960916	1	HHCS 3/4 NC 5 PL8
43	30002980730	1	HHCS 3/4-10 NC X 4-1/4" PL8
44	30007A14924	4	HHCS 7/8" X 2.75" LG GR8
45	30002989804	4	NUT, SQUARE 7/8 GR5
46	30000012200	9	HIGH ALLOY, L/W 7/8 YZ
47	30000761535	14	WASHER,7/8" HARDENED PLAIN
48	30002984840	1	COUNTERWEIGHT, CAST, BASE
49	30002984839	1	COUNTERWEIGHT, CAST, UPRIGHT
50	30000012300	5	NUT, 7/8 NC
51	30002989803	5	HHCS 7/8"x 6" LG PL8

## VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE

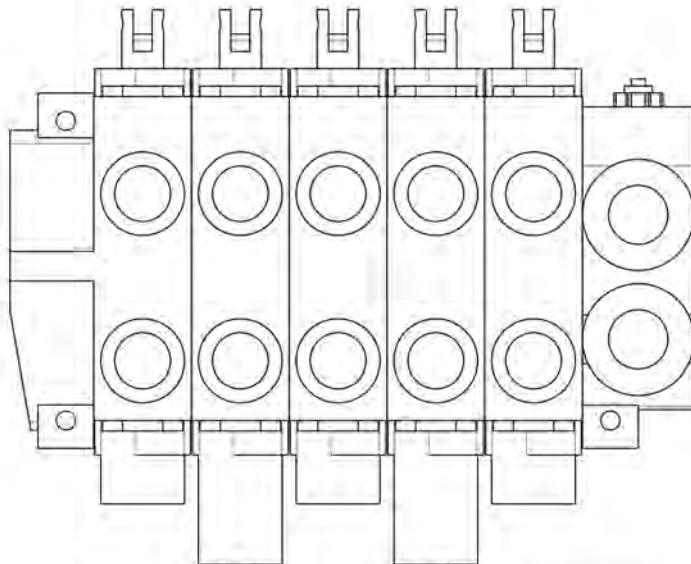


## VALVE ASSEMBLY - ELECTRO-HYDRAULIC VALVE

**Continued...**

ITEM	PART NO.	QTY.	DESCRIPTION
	33002971379	1	VALVE, ASY, O-CTR 5SPL
1	33002974004	2	ELECTRICAL ACTIVATION MODULE
2	33002974005	3	TK ELECTRICL ACTIVATION MODULE
3	33002974027	5	SEAL KIT O RINGS (BETWEEN THE
4	33002974838	5	MECHANICAL ACTIVATION MODULE
5	33002975950	5	SEAL KIT O RINGS BETWN HANDLE
6	33002976024	5	CONNECTOR GASKET
7	30002977032	1	VALVE ASY KIT (W/ TIE BOLTS & SEAL)
8	33002977414	1	RELIEF VALVE 2755 PSI
9	33002977745	3	RELIEF VALVE 2030 PSI
10	30002977851	20	BOLT
11	33002977957	2	RELIEF VALVE 1160 PSI
12	33002980656	3	SECTION,BARE,SWING,LIFT,DIPPER
13	33002980657	1	SECTION,BARE, TILT
14	33002980658	1	SECTION,BARE, DOOR
15	33002980659	2	SPOOL , SWING DOOR
16	33002980660	1	SPOOL , LIFT
17	33002980661	1	SPOOL, DIPPER
18	33002980662	1	SPOOL , TILT
19	33002980664	1	SECTION INLET/OUTLET OCFD
20	33002980665	1	SECTION, END CAP
-----	30002998197	1	RELIEF, MAIN 2700 PSI

## VALVE ASSEMBLY - MANUAL-HYDRAULIC VALVE

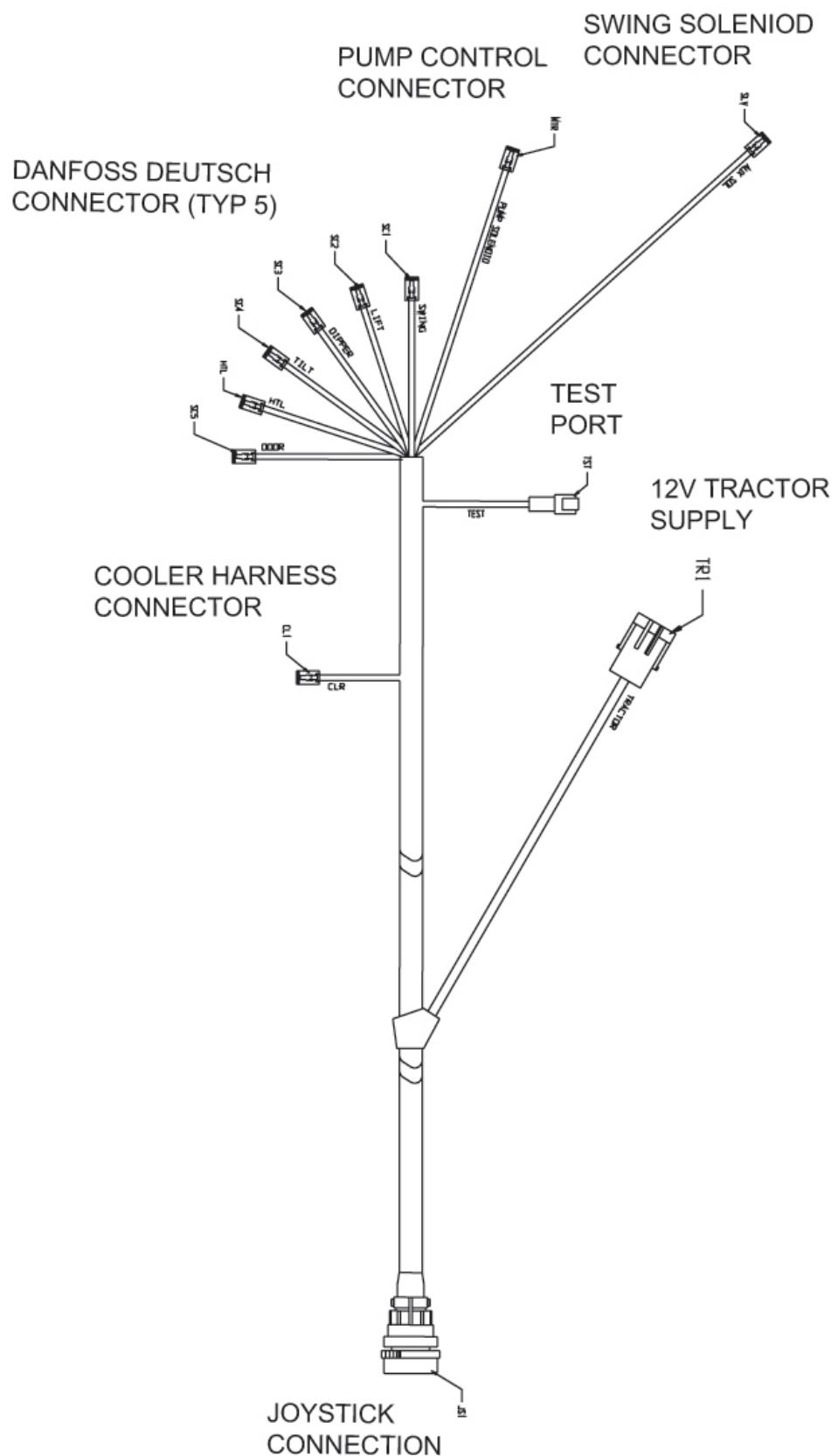


MAIN 3000 PSI	PRESSURE RELIEF SETTINGS (PSI)				
	SERVICE PORT A	2000	2750	2750	N/A
SERVICE PORT B	2000	1200	1200	2000	N/A
	SWING	LIFT	DIPPER	TIILT	DOOR

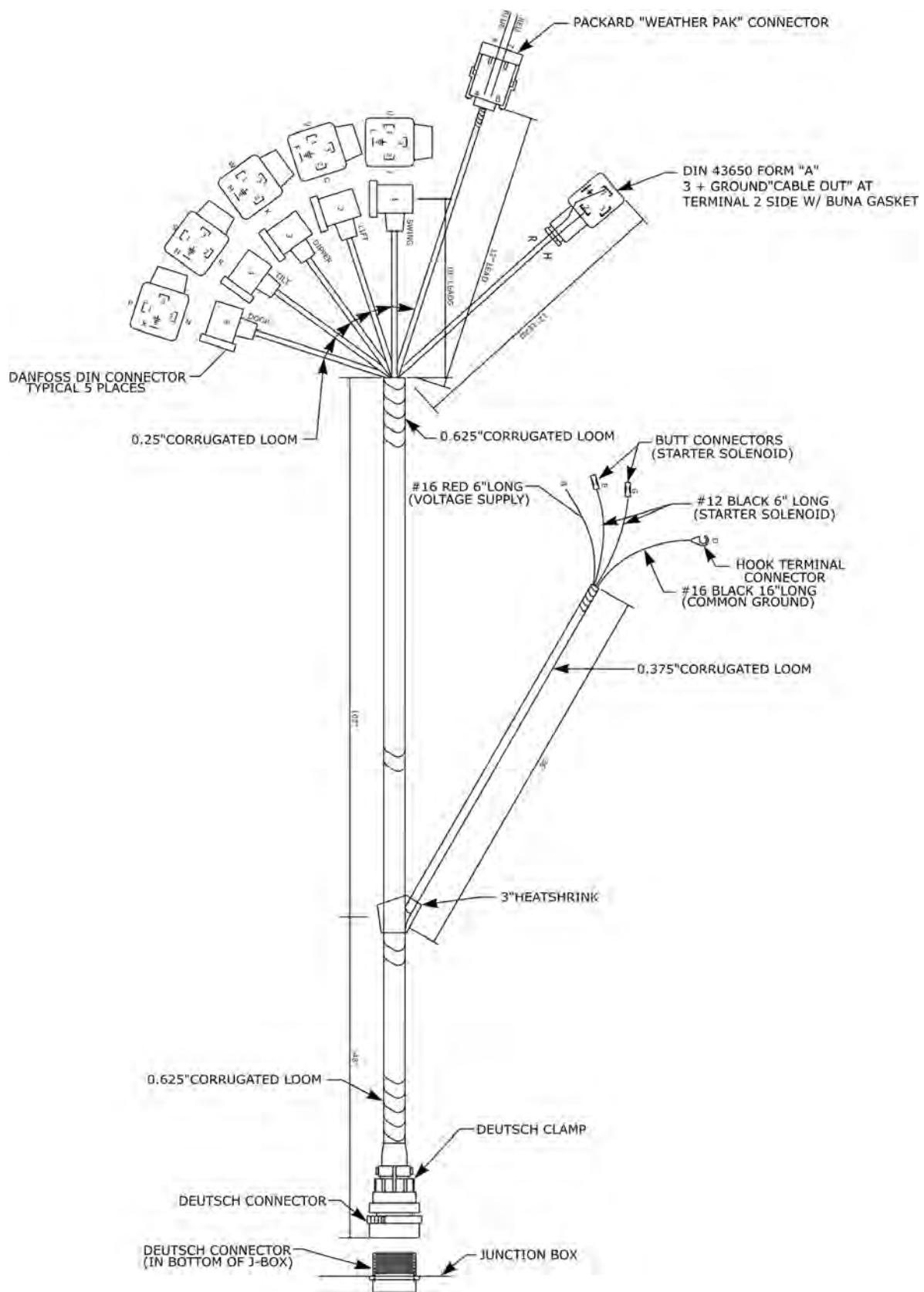
ITEM	PART NO.	QTY.	DESCRIPTION
33002987538	1		VALVE, MAN DIR CTRL 5-SPOOL
33000013901	6		NUT HEX 3/8 NC PL
33000501600	6		SEAL QUAD
33002046700	1		VALVE END PLATE
33002049600	1		VERTICAL HANDLE REPAIR KIT-CP4
33002750100	1		SPOOL POSITIONER KIT 3-POS
33002957172	1		LOAD CHECK PLUG ASSEMBLY
33002958734	2		SPOOL POSITIONER KIT 4-POS DET
33002961622	2		SEAL - QUAD
33002962529	5		KIT, SEAL W/WASHER & O-RING
33002964711	18		O-RING 15/16 X 1-1/8 X 3/32
33002964712	8		O-RING 13/16 X 1 X 3/32
33002974995	5		WIPER SPOOL
33002974996	5		WASHER RETAINER PLATE
3306513213	4		BRKT,HANDLE

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## WIRE HARNESS (ELECT-HYD VALVE OPT) - DEUTSCH CONNECTORS



## WIRE HARNESS (ELECT-HYD VALVE OPT) - DIN CONNECTORS

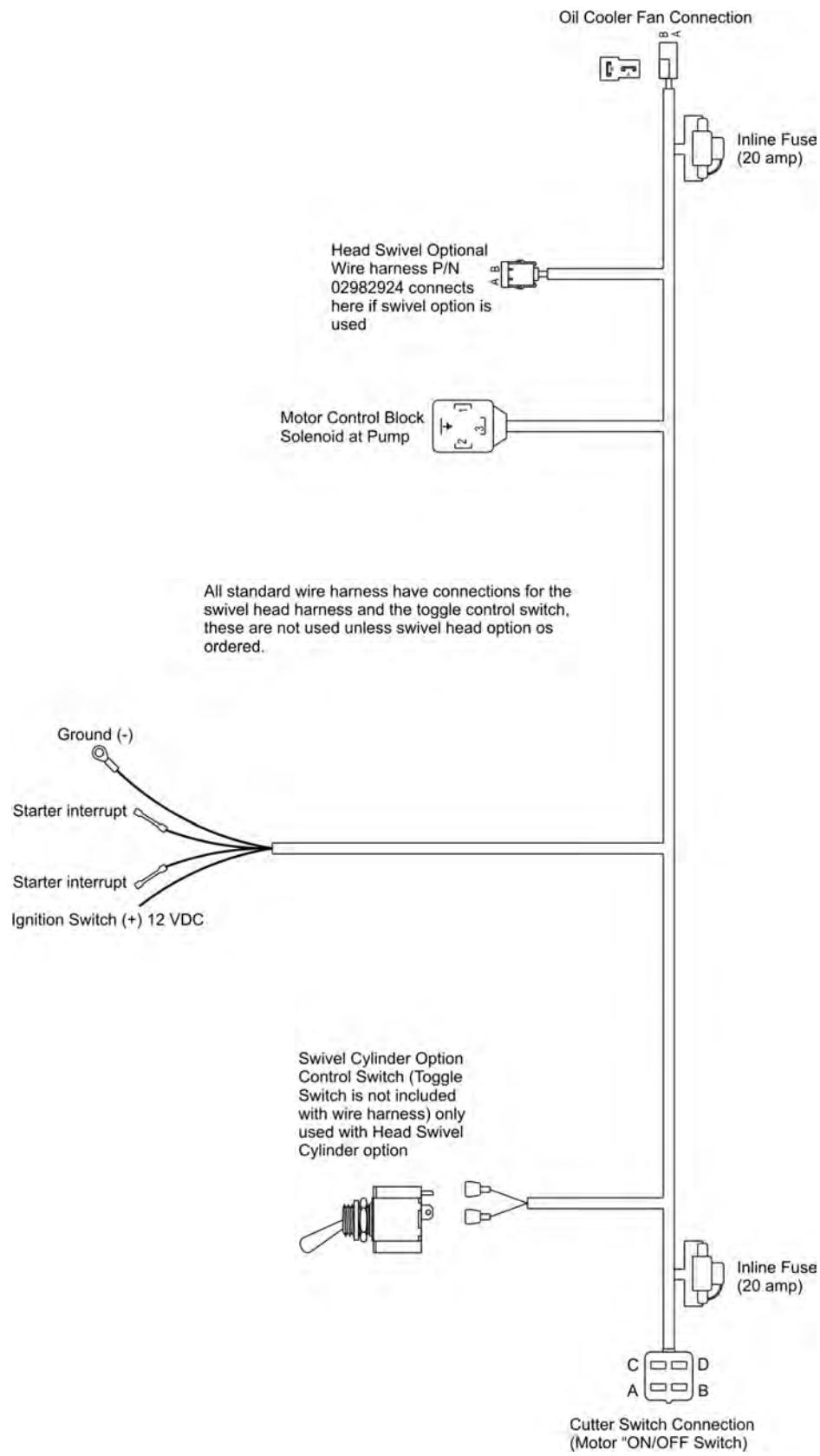


## WIRE HARNESS (ELECT-HYD VALVE OPT) - DIN CONNECTORS

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	32002984735	1	WIRE HARNESS, F/ JOYSTICK OPTION

## WIRE HARNESS (MAN-HYD VALVE STD)

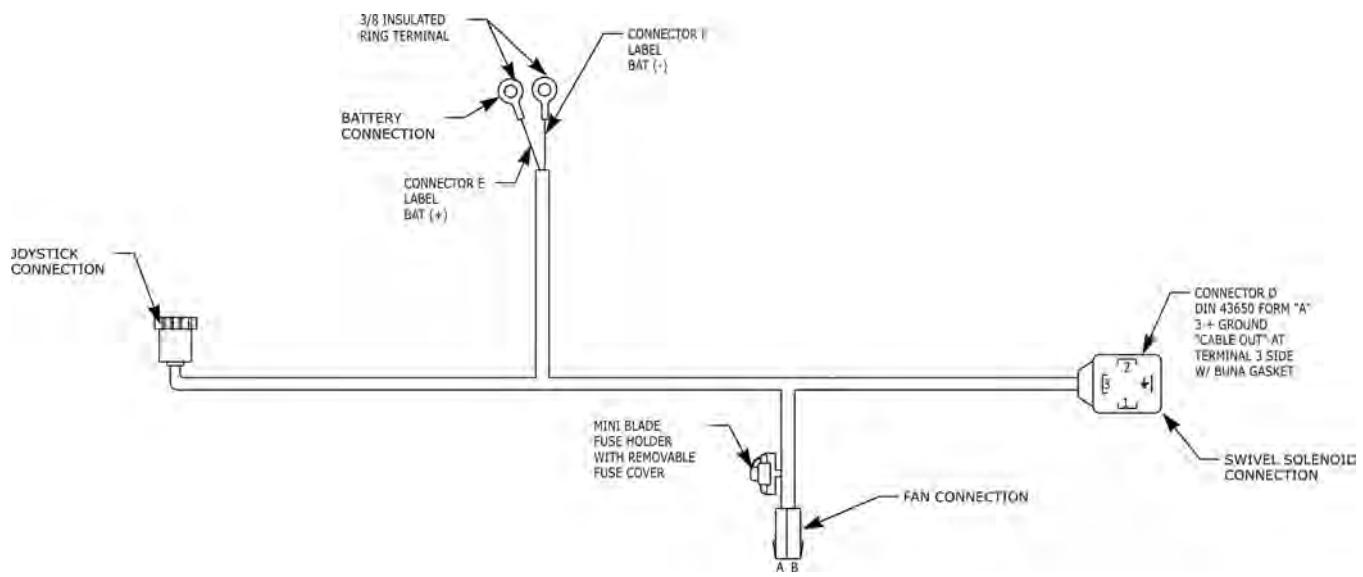


## WIRE HARNESS (MAN-HYD VALVE STD)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	32002982922	1	WIRE HARNESS, F/ CABLE CONTROL STANDARD
2	320001638	1	TOGGLE SWITCH, NOT INCLUDED IN WIRE HARNESS

## WIRE HARNESS (SWIVEL HEAD OPT)



ITEM	PART NO.	QTY.	DESCRIPTION
1	32002987816	1	WIRE HARNESS, F/ SWIVEL HEAD OPTION





# **TERRAINKING™**

Engineering Practical Solutions™

## **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.**

# TERRAIN KING

## Limited Warranty

### 1. Limited Warranties

- 1.01. Terrain King ("Manufacturer") warrants for one year from the purchase date to the original non-commercial, governmental, or municipal purchaser and warrants for six months to the original commercial or industrial purchaser ("Purchaser", as applicable) 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 during the applicable warranty period.
- 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. 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.

Terrain King Implement Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
Date Purchased \_\_\_\_\_ Dealer \_\_\_\_\_

Attention:

Read your operator's manual



**Terrain King**

1502 E WALNUT ST

SEGUIN TX 78155-5202

800-882-5756

