MAVERICK

ALAMO INDUSTRIAL

BOOM ARM MOWER

Rev 09-07

Part No. 02981992P

PART'S MANUAL

ATTENCIÓN!

LEA EL INSTRUCTIVO

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



An Operator's Manual was shipped with the equipment in the Manual Canister. This Operator's Manual is an integral part of the safe operation of this machine and must be maintained with the unit at all times. READ, UNDERSTAND, and FOLLOW the Safety and Operation Instructions contained in this manual before operating the equipment. If the Operator's Manual is not with the equipment, contact your dealer or Alamo Industrial (830-379-1480) to obtain a Free copy before operating the equipment.

ALAMO INDUSTRIAL

1502 E. Walnut

Seguin, Texas 78155

830-379-1480

MEMBER OF THE ALAMO GROUP

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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.

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.

NOTE: Please refer to The Safety Section in the front of this Manual for the proper Part Number when ordering Replacement Safety Decals.



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

ALAMO INDUSTRIAL™

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

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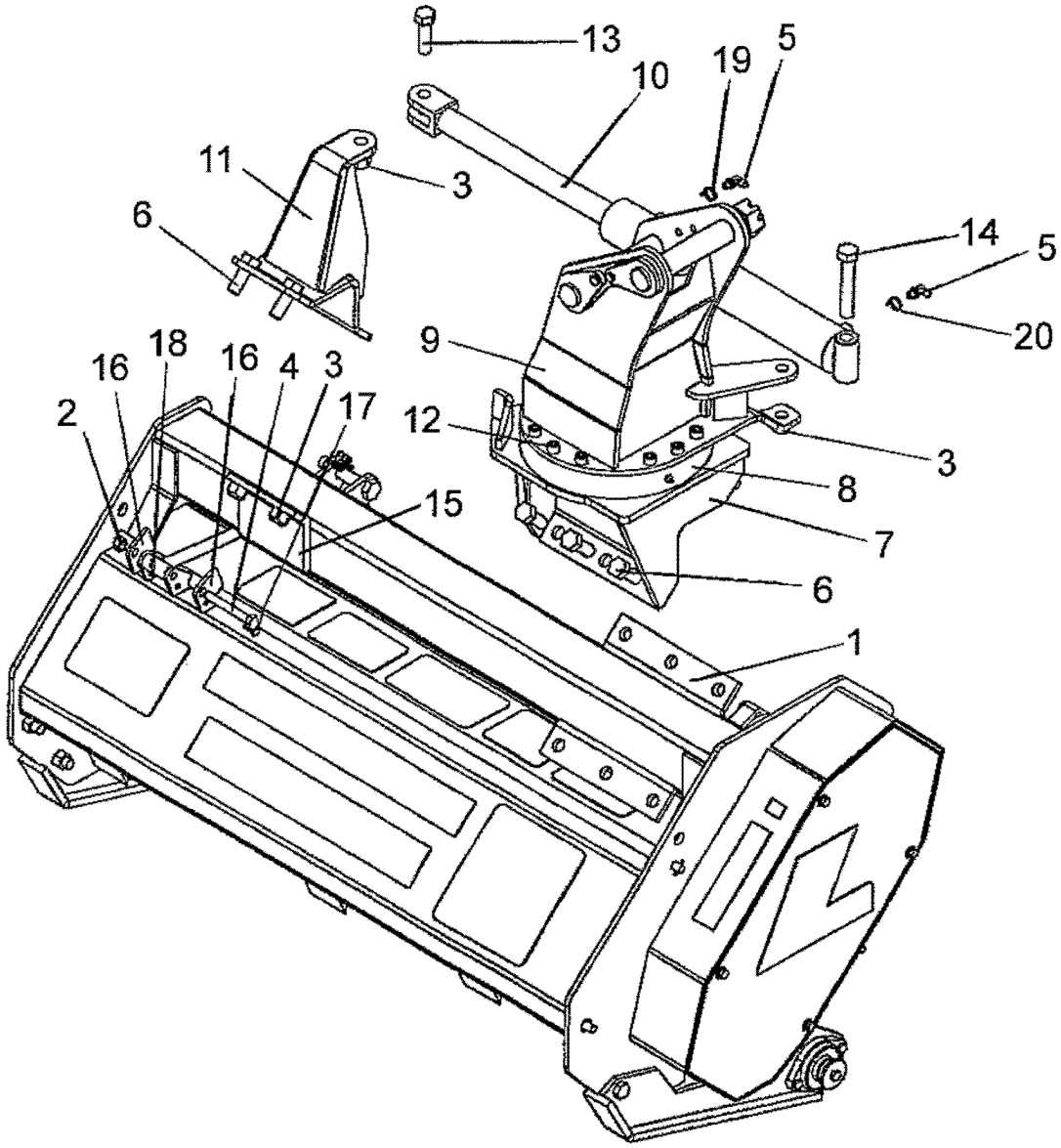
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48 IN FLAIL AXE - SWIVEL KIT ASY



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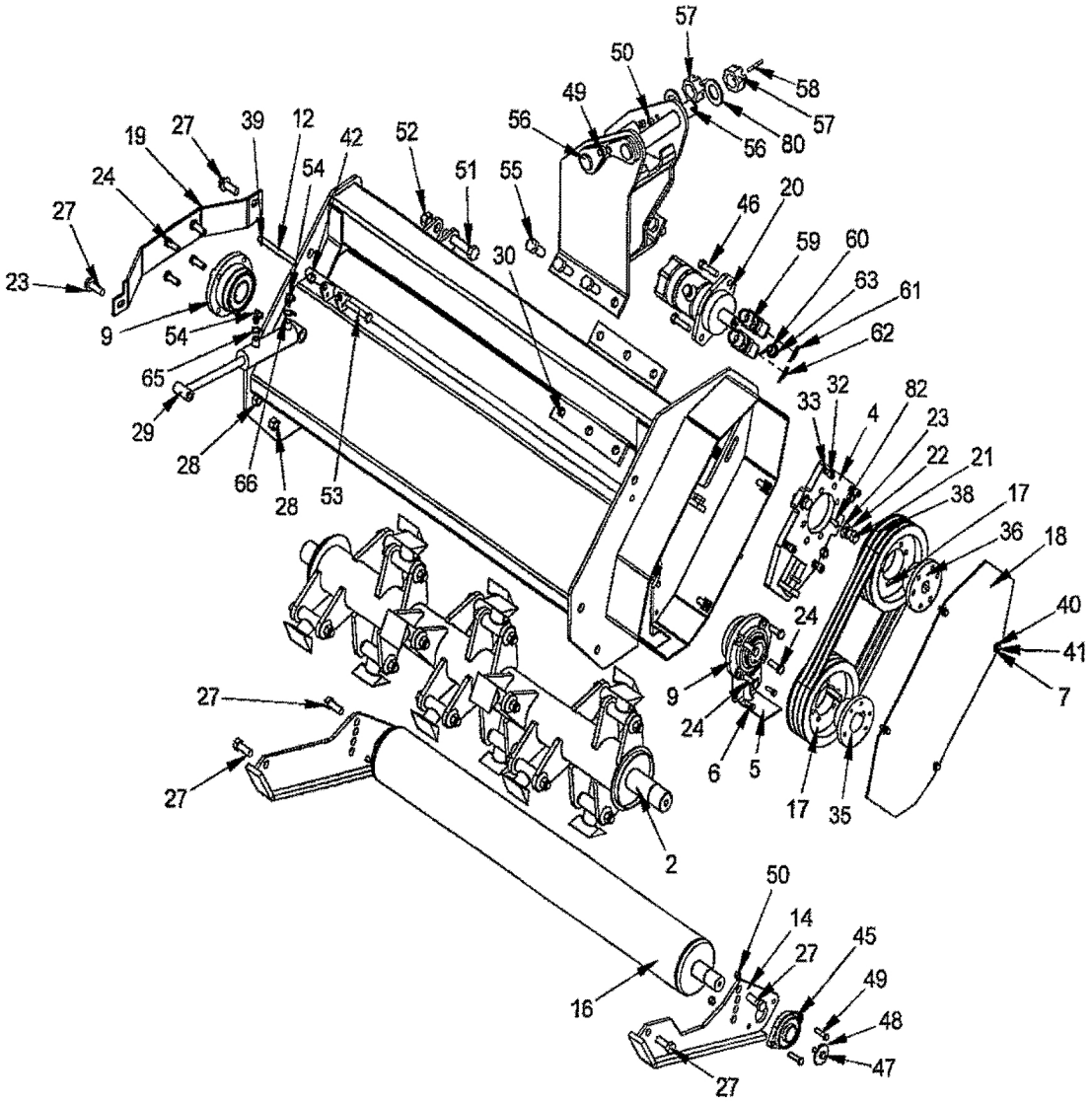
48 IN FLAIL AXE - SWIVEL KIT ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02984479	1	48" FLAIL AXE SWIVEL KIT ASY
1	02970324	1	HITCH POST CLAMP PLATE
2	00001800	1	LOCKNUT, 1/2" NC PLB
3	00037200	12	LOCKNUT, 3/4-NC GRC PL
4	00008200	1	HEX HEAD BOLT, 1/2"-NC X 3-3/4" PL5
5	02960018	2	ADAPTER HYD ELBOW, 4MB-4MJ90
6	02918600	10	HEX HEAD BOLT, 3/4"-10"UNC 2 PL8
7	02984370	1	HITCH POST SWIVEL ADAPTER
8	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
9	02981741	1	HITCH POST SWIVEL WLD'MT
10	02981315	1	CYLINDER, 2.5"B X 1.5"R X 14.38S
11	02984374	1	CYLINDER MOUNT WLD'MT
12	02981820	28	SOCKET HEAD CAP SCREW, 1/2" NC 1-1/2" PL8
13	02963646	1	HEX HEAD BOLT, 3/4" NC 2-1/2" PL8
14	00754105	1	HEX HEAD BOLT, 3/4" NC 4-1/2" PL8
15	02984382	1	SWIVEL CLAMP PLATE
16	02984470	2	FLAIL AXE DOOR STOP
17	00021400	2	HEX HEAD BOLT, 1/4" NC 3/4" PL5
18	02959924	2	LOCKNUT, 1/4" NC PLB
19	02968832	1	PLASTIC TIE, GREEN
20	02968833	1	PLASTIC TIE, GREEN & WHITE

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48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - STD MT (PART 1)



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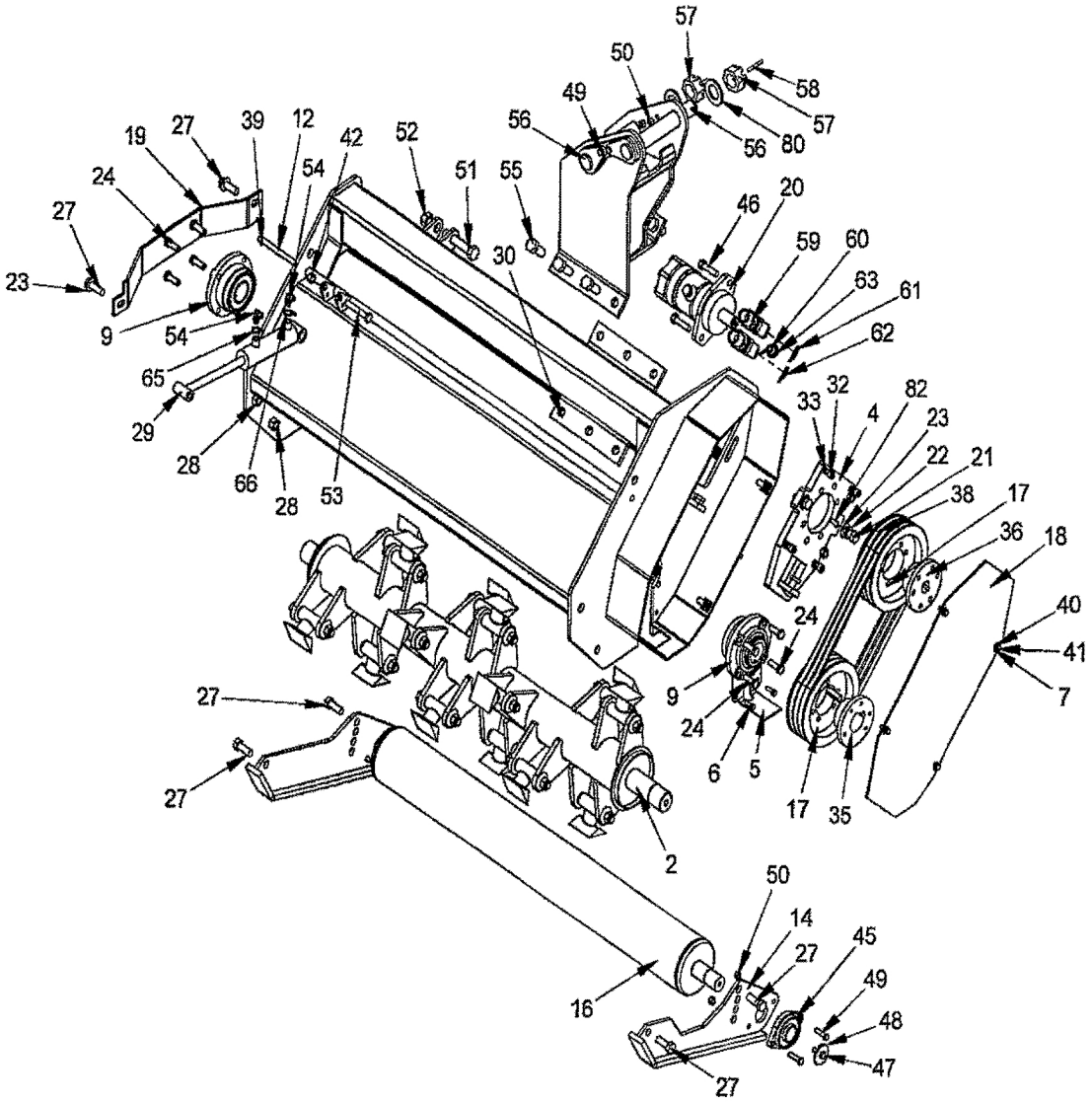
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - STD MT (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02983554	1	48" FLAIL AXE ASY, PISTON MOTOR, STD MT
1	02970301	1	FLAIL AXE HEAD WLD'MT
2	02957655M	1	ROTOR W/ KNIVES, FLAIL AXE
3	02970465	1	DOOR WLD'MT, FLAIL AXE
4	02973256	1	MOTOR MOUNT WLD'MT, W/O STUDS
5	02970709	1	INSIDE COVER PLATE
6	10119000	2	HEX HEAD BOLT, 5/16" X 1" NC GR5
7	00023500	6	FLATWASHER, 5/16" PL
8	00750940	2	LOCKNUT, 5/16" NC PLB
9	02958131A	2	FLANGE BEARING ASY, 2" BORE
10	02956714	1	BAR CLAMP
11	02956712	1	RUBBER FLAP, 6" X 48-1/2"
12	02970326	1	F/A DOOR HINGE
13	02958198	1	KEY, 1/2" X 1/2" X 1 7/8"LG
14	02970585	1	SKID SHOE WLD'MT
15	02956748	1	SKID SHOE WLD'MT
16	02970540	1	ROLLER WLD'MT
17	02967325	2	PULLEY, 3G5V-8.50 DIA.
18	02970325	1	BELT & PULLEY COVER PLATE
19	02972442	1	BEARING GUARD
20	02970763	1	PISTON MOTOR, 2.48 CU.IN./REV
21	02675800	2	HEX HEAD BOLT, 5/8"-11UNC 1-1/2" PL5
22	00010300	2	LOCKWASHER, 5/8"
23	00001400	4	FLATWASHER, 5/8" PL STD
24	00019300	8	HEX HEAD BOLT, 1/2" NC 1-1/2" PL5
25	000642	8	CENTERLOCK NUT, 1/2"NF
26	00752670	1	GREASE FITTING, 1/4"-28 BOLT THD
27	00008300	6	HEX HEAD BOLT, 5/8" NC 1-3/4" PL5
28	00695100	5	LOCKNUT, 5/8"NC PLB
29	02970710A	1	HYD CYLINDER, 1-1/2"BORE X 3-3/4"
30	02970324	1	HITCH POST CLAMP PLATE
31	000941	1	GREASE FITTING,1/4"-28X90
32	02970583	4	SOCKET HEAD SET SCREW, 3/8"-NF X 1-1/2" PL5
33	23504500	8	JAM NUT, 3/8" NF PLB
34	03200925	1	CARRIAGE BOLT, 5/8"-11UNC 3"LG PL5
35	02967328	1	QD - HUB BUSHING, SF 1-15/16" DIA.
36	02970725	1	QD - HUB, SF 1-1/8"DIA.BORE
37	00013500	3	HEX JAM NUT, 5/8" NC PL
38	02970539	3	V-BELT
39	02956768	2	ROLL PIN, 5/32" X 1"
40	00011700	4	LOCKWASHER, 5/16" PL STD

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48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - STD MT (PART 2)



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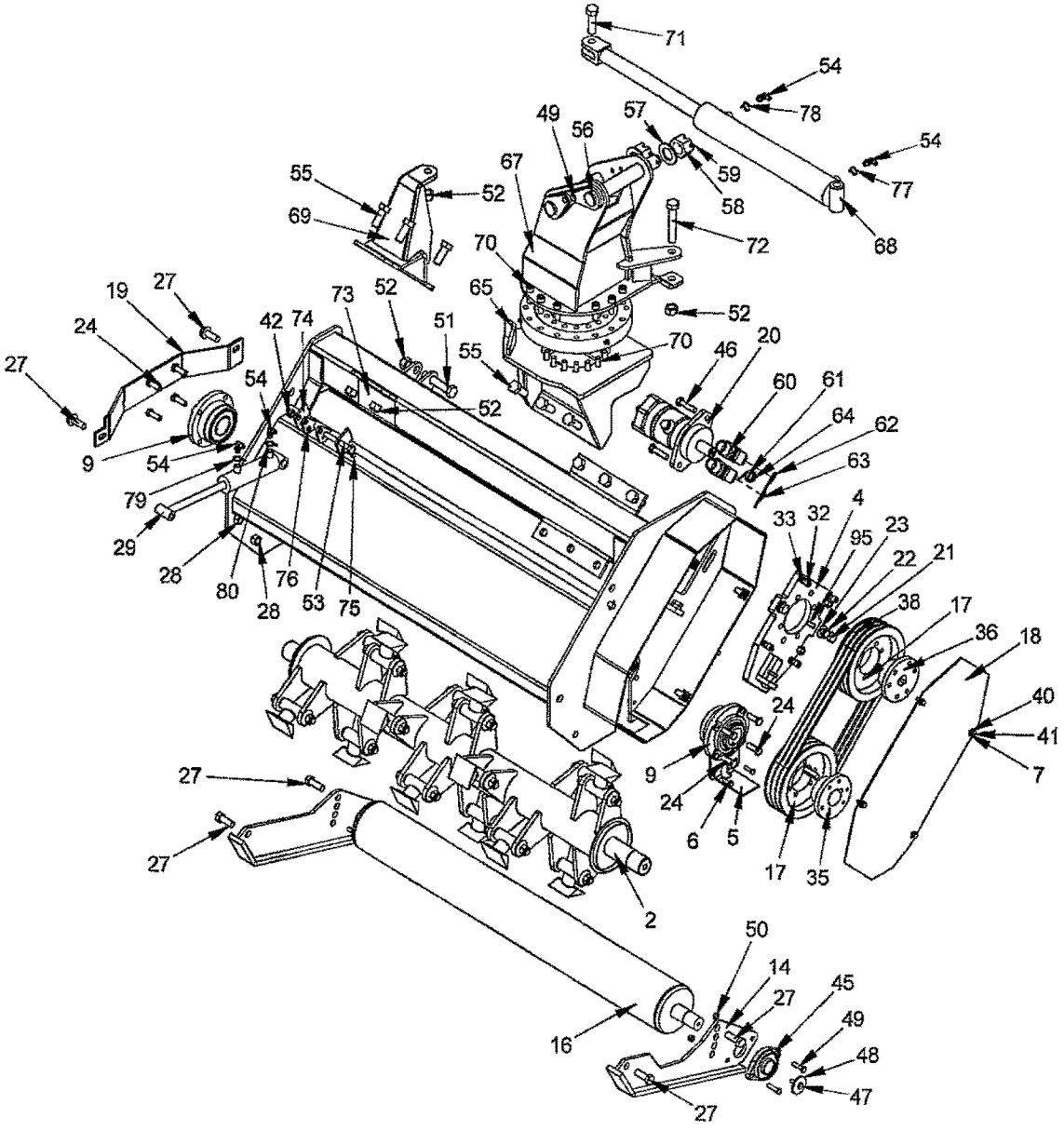
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - STD MT (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	00035900	4	BOLT, HEX HD 5/16-NC X 3/4 GR5
42	00001800	10	LOCKNUT TLM 1/2 NC PLB
43	00002700	7	FLATWASHER 1/2 PL STD
44	02892000	7	HHCS, 1/2"-13 NC x 1-1/2" PL8
45	02957041	2	ROLLER BEARING AND FLANGE
46	00013300	2	HEXB 1/2 NC 2 PL5
47	00753642	2	HEXB 3/8 NC X 1-1/4 PL5
48	02970586	2	WASHER,2OD,7/16 ID X 3/16
49	00023100	6	HHCS 3/8 -16UNC 1-1/2 PL5
50	00015800	6	LOCKNUT TLM 3/8-NC PLC
51	00003300	1	HEXB 3/4 NC 4 PL5
52	00037200	7	NUT 3/4-NC TOPLOCK GRC PL
53	00605600	1	HHCS 1/2 NC 3-1/4 PL
54	02960018	2	ADP HYD ELBOW 4MB-4MJ90
55	02918600	6	HEXB 3/4-10UNC 2 PL8
56	02981757	2	WELDMENT, PIN, HITCH POST
57	02971701	2	NUT SLOT 1-3/8 12NF PLB
58	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
59	02043600	2	ADP HYD ELBOW 16MB -16MJ 45
60	00696800	1	ADP HYD STGHT 8MB-8MJ
61	02968896	1	PLASTIC TIE ORANGE 11LG
62	02968894	1	PLASTIC TIE RED 11LG
63	02968895	1	PLASTIC TIE BLUE 11LG
64	02983575	1	WELDMENT, HITCH POST
65	02968836	1	PLASTIC TIE YEL 4LG
66	02968837	1	PLASTIC TIE Y/W 4LG
80	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
82	03200521	1	STEP KEY 1/4 X 5/16

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



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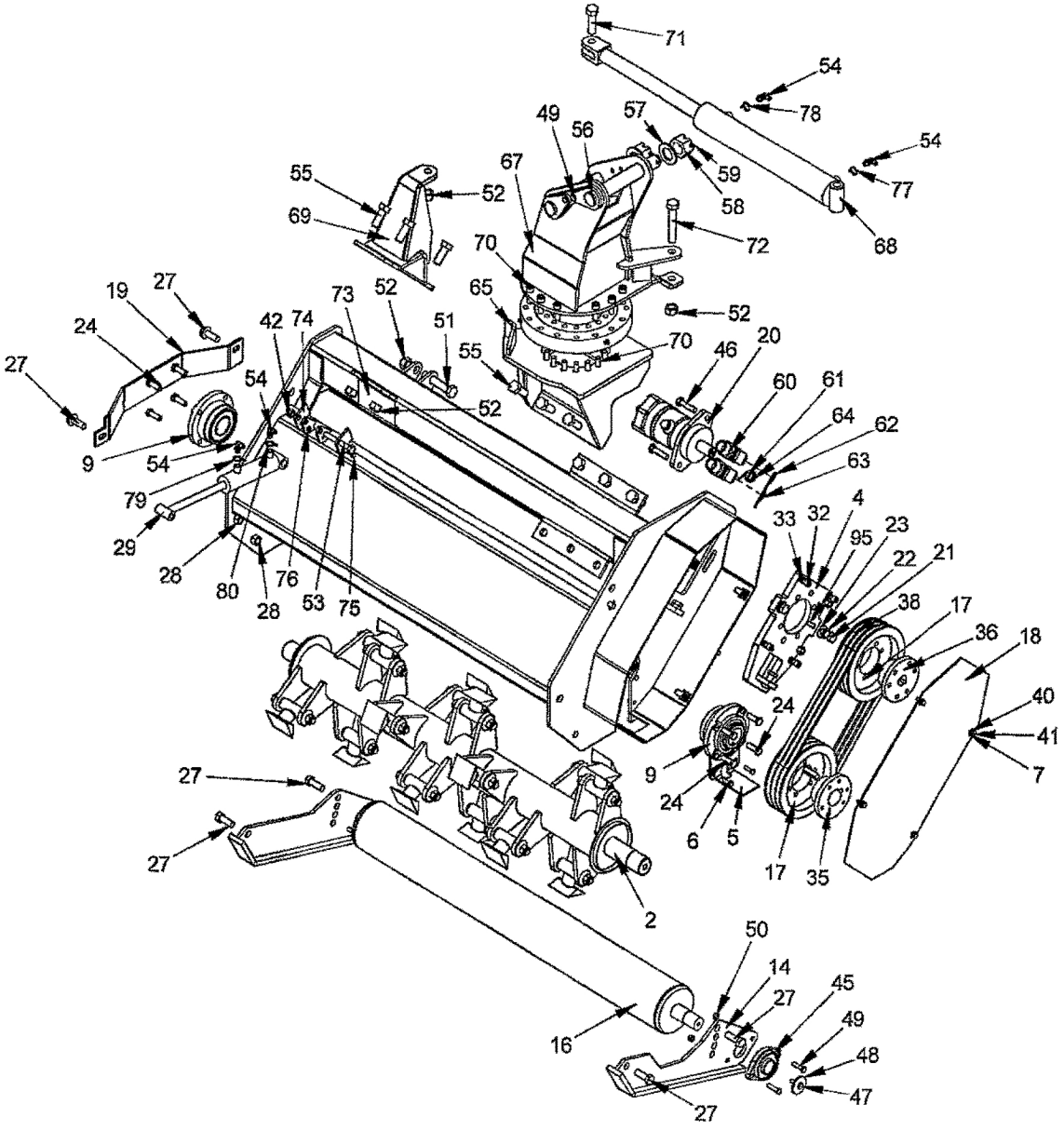
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02984371	1	48" FLAIL AXE ASY, PISTON MOTOR, SWIVEL MT
1	02970301	1	FLAIL AXE HEAD WLD'MT
2	02957655M	1	ROTOR W/ KNIVES, FLAIL AXE
3	02970465	1	DOOR WLD'MT, FLAIL AXE
4	02973256	1	MOTOR MOUNT WLD'MT, W/O STUDS
5	02970709	1	INSIDE COVER PLATE
6	10119000	2	HEX HEAD BOLT, 5/16" X 1" NC GR5
7	00023500	6	FLATWASHER, 5/16" PL
8	00750940	2	LOCKNUT, 5/16" NC PLB
9	02958131A	2	FLANGE BEARING ASY, 2" BORE
10	02956714	1	BAR CLAMP
11	02956712	1	RUBBER FLAP, 6" X 48-1/2"
12	02970326	1	F/A DOOR HINGE
13	02958198	1	KEY, 1/2" X 1/2" X 1 7/8"LG
14	02970585	1	SKID SHOE WLD'MT
15	02956748	1	SKID SHOE WLD'MT
16	02970540	1	ROLLER WLD'MT
17	02967325	2	PULLEY, 3G5V-8.50 DIA.
18	02970325	1	BELT & PULLEY COVER PLATE
19	02972442	1	BEARING GUARD
20	02970763	1	PISTON MOTOR, 2.48 CU.IN./REV
21	02675800	2	HEX HEAD BOLT, 5/8"-11UNC 1-1/2" PL5
22	00010300	2	LOCKWASHER, 5/8"
23	00001400	4	FLATWASHER, 5/8" PL STD
24	00019300	8	HEX HEAD BOLT, 1/2" NC 1-1/2" PL5
25	000642	8	CENTERLOCK NUT, 1/2"NF
26	00752670	1	GREASE FITTING, 1/4"-28 BOLT THD
27	00008300	6	HEX HEAD BOLT, 5/8" NC 1-3/4" PL5
28	00695100	5	LOCKNUT, 5/8"NC PLB
29	02970710A	1	HYD CYLINDER, 1-1/2"BORE X 3-3/4"
30	02970324	1	HITCH POST CLAMP PLATE
31	000941	1	GREASE FITTING,1/4"-28X90
32	02970583	4	SOCKET HEAD SET SCREW, 3/8"-NF X 1-1/2" PL5
33	23504500	8	JAM NUT, 3/8" NF PLB
34	03200925	1	CARRIAGE BOLT, 5/8"-11UNC 3"LG PL5
35	02967328	1	QD - HUB BUSHING, SF 1-15/16" DIA.
36	02970725	1	QD - HUB, SF 1-1/8"DIA.BORE
37	00013500	3	HEX JAM NUT, 5/8" NC PL
38	02970539	3	V-BELT
39	02956768	2	ROLL PIN, 5/32" X 1"
40	00011700	4	LOCKWASHER, 5/16" PL STD

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



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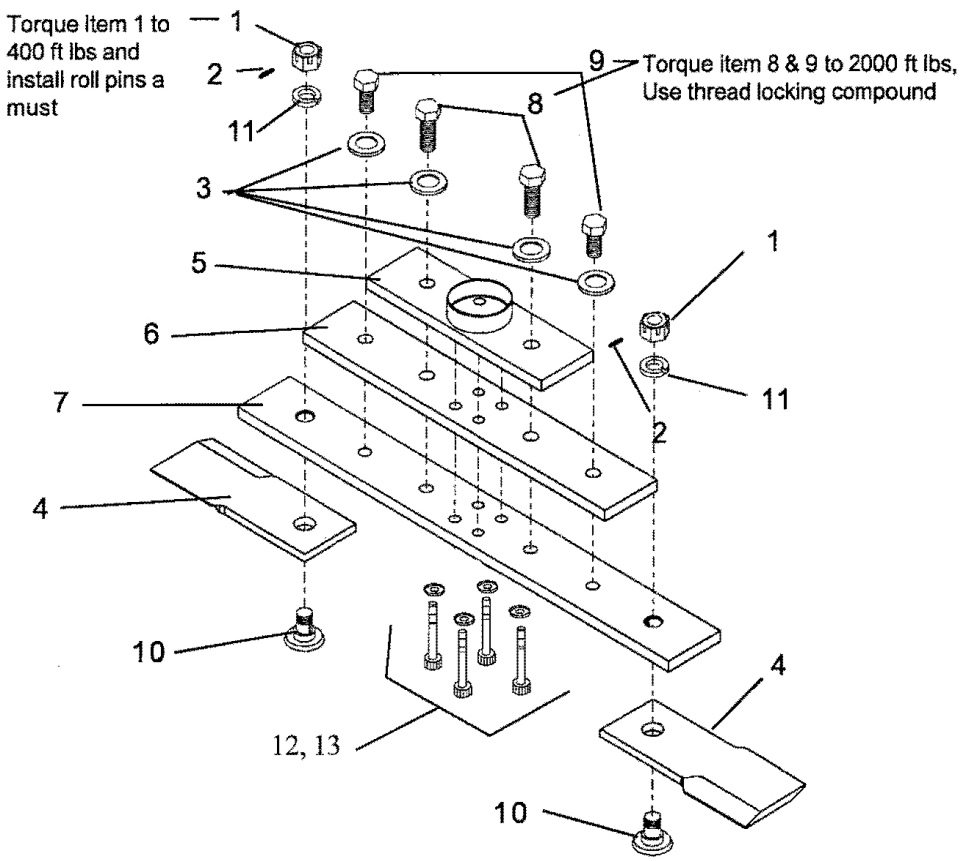
48 IN FLAIL AXE HEAD ASY - PISTON MOTOR - SWIVEL MT (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	00035900	4	BOLT, HEX HD 5/16-NC X 3/4 GR5
42	00001800	10	LOCKNUT TLM 1/2 NC PLB
43	00002700	7	FLATWASHER 1/2 PL STD
44	02892000	7	HHCS, 1/2"-13 NC x 1-1/2" PL8
45	02957041	2	ROLLER BEARING AND FLANGE
46	00013300	2	HEXB 1/2 NC 2 PL5
47	00753642	2	HEXB 3/8 NC X 1-1/4 PL5
48	02970586	2	WASHER,2OD,7/16 ID X 3/16
49	00023100	6	HHCS 3/8 -16UNC 1-1/2 PL5
50	00015800	6	LOCKNUT TLM 3/8-NC PLC
51	00003300	1	HEXB 3/4 NC 4 PL5
52	00037200	13	NUT 3/4-NC TOPLOCK GRC PL
53	00008200	1	HEXB 1/2NC X 3-3/4 PL5
54	02960018	4	ADP HYD ELBOW 4MB-4MJ90
55	02918600	10	HEXB 3/4-10UNC 2 PL8
56	02981757	2	WELDMENT, PIN, HITCH POST
57	02971702	2	FLATWASHER 1-3/8 TYPE B NARROW
58	02971701	2	NUT SLOT 1-3/8 12NF PLB
59	165020	2	PIN, COTTER 5/16 X 2-1/2 PL
60	02043600	2	ADP HYD ELBOW 16MB -16MJ 45
61	00696800	1	ADP HYD STGHT 8MB-8MJ
62	02968896	1	PLASTIC TIE ORANGE 11LG
63	02968894	1	PLASTIC TIE RED 11LG
64	02968895	1	PLASTIC TIE BLUE 11LG
65	02984370	1	ADP, SWIVEL, HITCHPOST
66	02981318	1	SLEW BEARING, 12 OD X 5.8 ID
67	02981741	1	WELDMENT, HITCH POST, SWIVEL
68	02981315	1	CYLINDER, 2.5B X 1.5R X 14.38S
69	02984374	1	WLDMNT, MOUNT, CYLINDER
70	02981820	28	SHCS 1/2 NC 1-1/2 PL8
71	02963646	1	HHCS 3/4 NC 2-1/2 PL8
72	00754105	1	HHCS 3/4 NC 4-1/2 PL8
73	02984382	1	CLAMP, PLATE, SWIVEL
74	02984470	2	STOP, DOOR, FLAIL AXE
75	00021400	2	HEXB 1/4 NC 3/4 PL5
76	02959924	2	NUT TOPLOCK 1/4 NC PLB
77	02968832	1	PLASTIC TIE GRN 4"
78	02968833	1	PLASTIC TIE G/W 4LG
79	02968836	1	PLASTIC TIE YEL 4LG
80	02968837	1	PLASTIC TIE Y/W 4LG
95	03200521	1	STEP KEY 1/4 X 5/16

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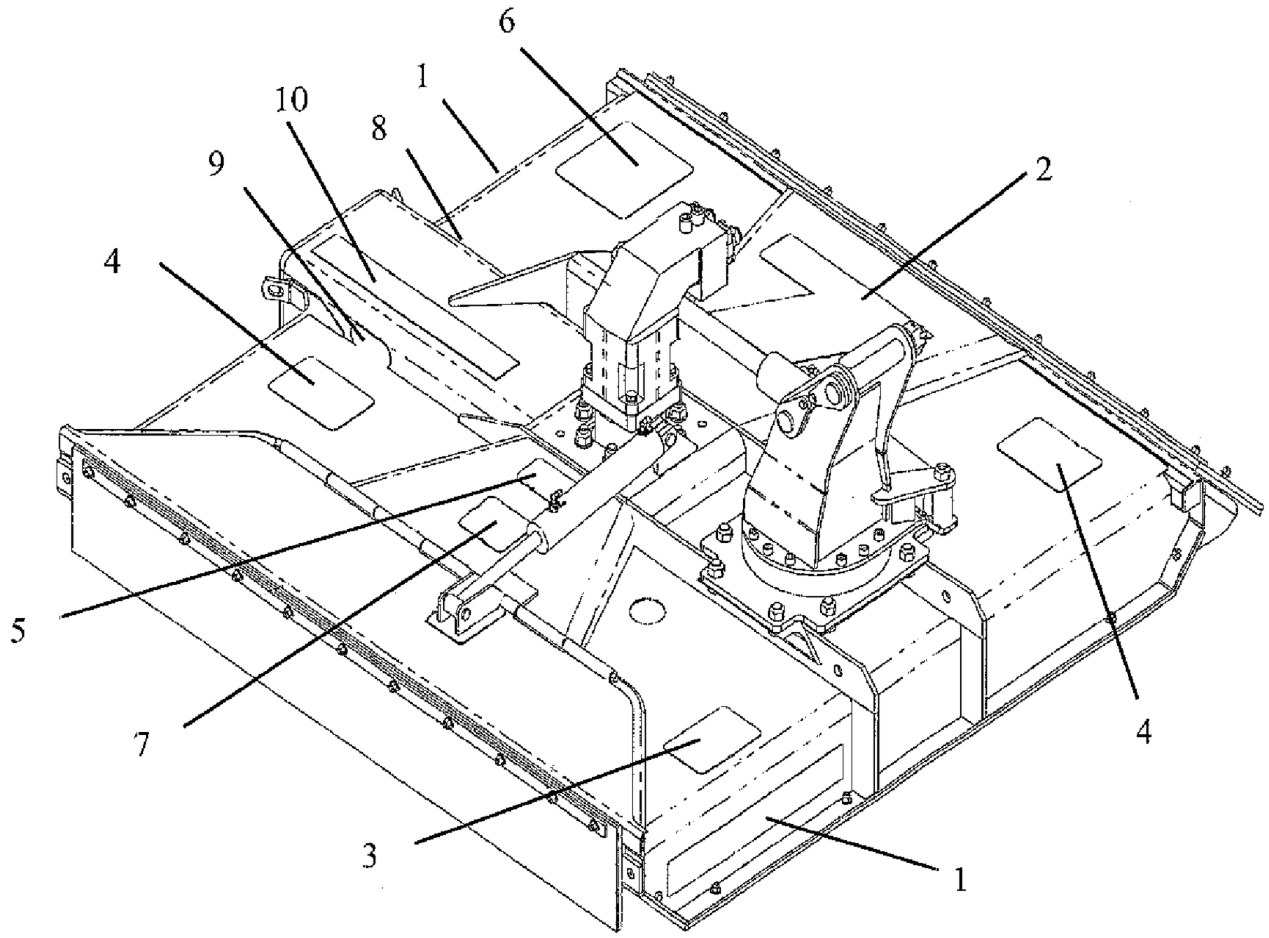
60 IN ROTARY - BLADE BAR ASY - PN 02969230



ITEM	PART NO.	QTY.	DESCRIPTION
	02969230	1	BLADE BAR ASY, W/BLADES
1	00020900	2	SLOTTED NUT, HVY 1-1/8"-NF PL GR5
2	00023200	2	ROLL PIN, 3/16" X 1-3/4"
3	02969234	4	FLATWASHER, 1-1/4" HARDENED PL
4	02761500	1	BLADE SET, MATCHED SET OF TWO
5	02971387	1	BLADE BAR LEAF, TOP
6	02969232	1	BLADE BAR LEAF, MIDDLE
7	02969233	1	BLADE BAR LEAF, BOTTOM
8	02969235	2	BOLT, HEX HEAD 1-1/4"-NC X 3" PL GR8
9	02969236	2	BOLT, HEX HEAD 1-1/4"-NC X 2-1/4" PL GR8
10	02782900	2	BLADE BOLT, SPECIAL
11	02957089	2	LOCKWASHER, 1-1/8" PL STD
12	00003901	1	LOCKWASHER, 3/4" PL HEAVY
13	02964861	1	BOLT, SOCKET HEAD 3/4"-NC X 4" PL GR8
14	02984572	1	BLADE BOLTS, NUTS, ROLLPIN, KIT (INCLUDES 2 EACH OF ITEMS 1, 2, & 10)

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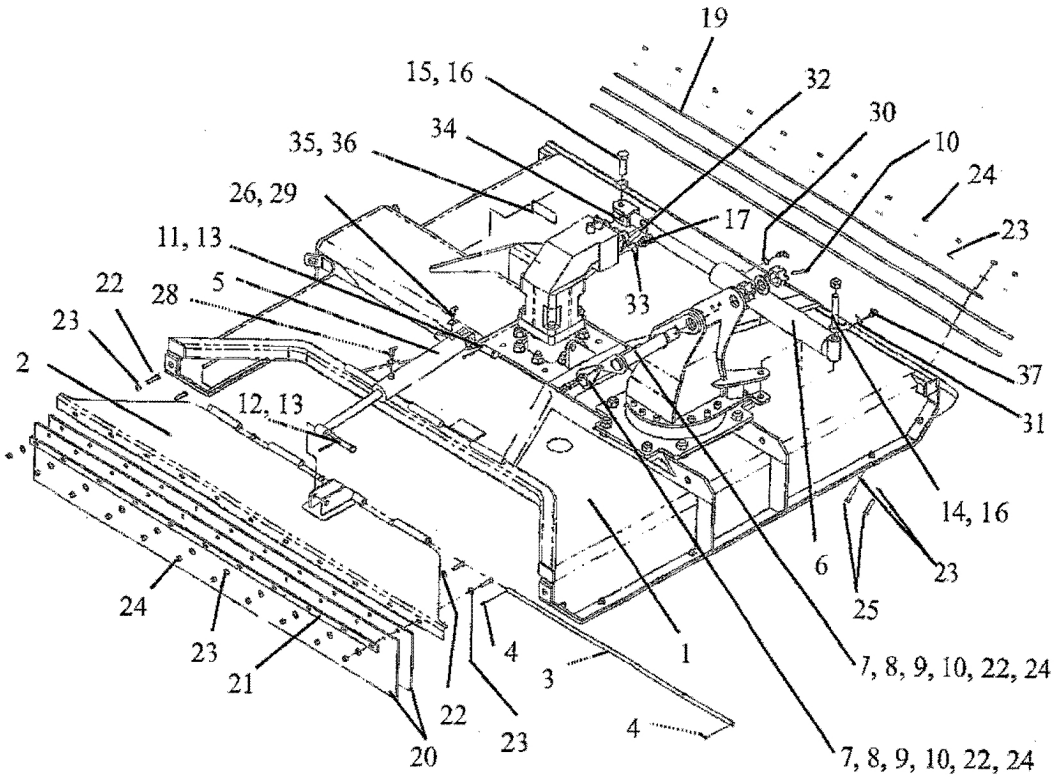
60 IN ROTARY - DECAL LOCATION



ITEM	PART NO.	QTY.	DESCRIPTION
1	00757139	2	DECAL, ALAMO GROUP
2	00757140	1	DECAL, ALAMO INDUSTRIAL LOGO
3	00769736	1	DECAL, USE/REPAIR GUARDS
4	00769737	2	DECAL, BLADES THROWN OBJECTS
5	02925100	1	DECAL, REPLACEMENT PARTS
6	02967827	1	DECAL, MULTI HAZ
7	02967867	1	DECAL, DANGER SAFETY SHIELD OPER
8	2738332	1	DECAL, RED OBLONG REFLECTOR
9	2738333	1	DECAL, YELLOW OBLONG REFLECTOR
10	02970889	1	DECAL, 60 ROTARY

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60 IN ROTARY - HEAD ASY - PN 02981782



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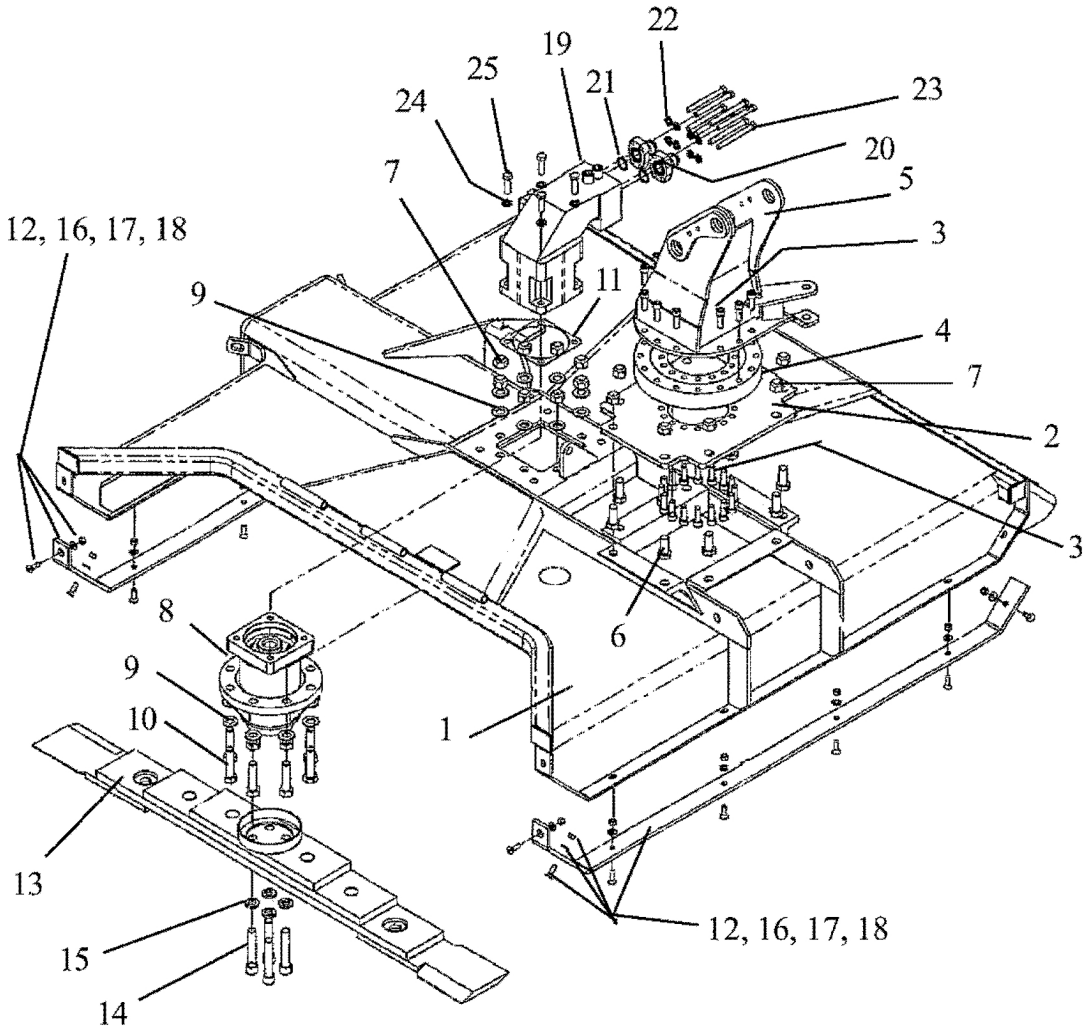
60 IN ROTARY - HEAD ASY - PN 02981782

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	00757139	2	DECAL, ALAMO GROUP
2	00757140	1	DECAL, ALAMO INDUSTRIAL LOGO
3	00769736	1	DECAL, USE/REPAIR GUARDS
4	00769737	2	DECAL, BLADES THROWN OBJECTS
5	02925100	1	DECAL, REPLACEMENT PARTS
6	02967827	1	DECAL, MULTI HAZ
7	02967867	1	DECAL, DANGER SAFETY SHIELD OPER
8	2738332	1	DECAL, RED OBLONG REFLECTOR
9	2738333	1	DECAL, YELLOW OBLONG REFLECTOR
10	02970889	1	DECAL, 60 ROTARY

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60 IN ROTARY - HEAD SUB-ASY - PN 02981789



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

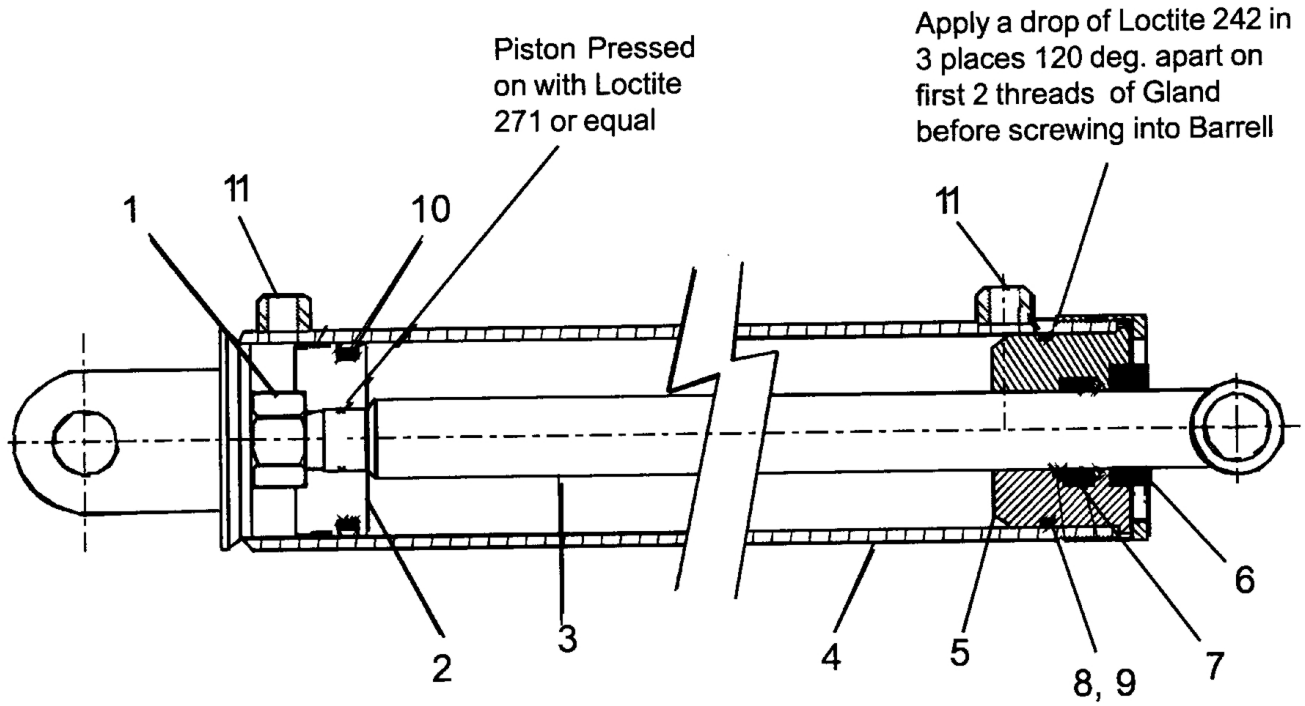
60 IN ROTARY - HEAD SUB-ASY - PN 02981789

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981789	1	60 IN. HEAD SUB-ASY
1	02981410	1	60 IN HEAD DECK WELDMENT
2	02981752	1	PLATE, HITCH POST BOTTOM
3	02981820	28	BOLT, SOCKET HEAD 1/2"-NC X 1-1/2" PL GR8
4	02981318	1	SLEWING BEARING, 12" OD X 5.8 ID
5	02981741	1	HITCH POST WELDMENT
6	02892100	8	BOLT, HEX HEAD 3/4"-NC X 1-3/4" PL GR5
7	00037200	16	LOCKNUT, 3/4"-NC PLC
8	02968859A	1	SPINDLE HOUSING ASY, SPLINED
9	5312316	16	WASHER, (SPECIAL)
10	03200269	8	BOLT, HEX HEAD 3/4"-NC X 3" PL GR8
11	02961038	1	GASKET, SPINDLE TO MOTOR
12	02966899	2	SKID SHOE, LH OR RH
13	02969230	1	BLADE BAR ASY, W/BLADES
14	02964861	4	BOLT, SOCKET HEAD 3/4"-NC X 4" PL GR8
15	00003901	4	LOCKWASHER, 3/4" PL HEAVY
16	00059700	14	BOLT, FSCS 3/8"-NC X 1-1/4"
17	00015800	14	LOCKNUT, 3/8"-NC PLB
18	15B600	14	WASHER, 3/8" SAE P
19	02979881	1	MOTOR PISTON 4.91 CID
20	02981819	2	ADAPTER, HYD STRAIGHT 16FLH - 16MJ SPECIAL
21	02980237	2	O-RING, 1.39 OD X 1.296 ID
22	00022200	8	LOCKWASHER, STD 7/16" PL
23	02980236	8	BOLT, HEX HEAD 7/16"-NC X 4-1/2" PL GR5
24	00019600	4	LOCKWASHER, 1/2" HEAVY
25	02891800	4	BOLT, HEX HEAD 1/2"-NC X 1-3/4" PL GR8

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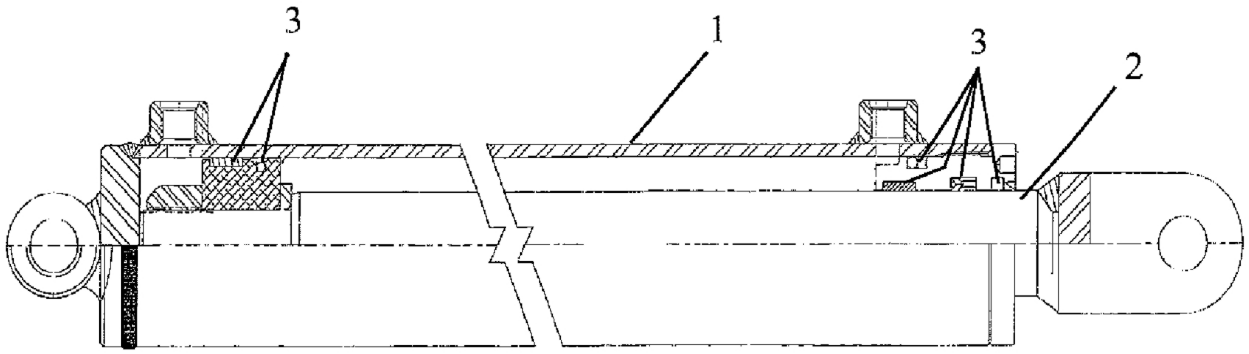
60 IN ROTARY - HYD CYL ASY - DOOR - PN 02961480A



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

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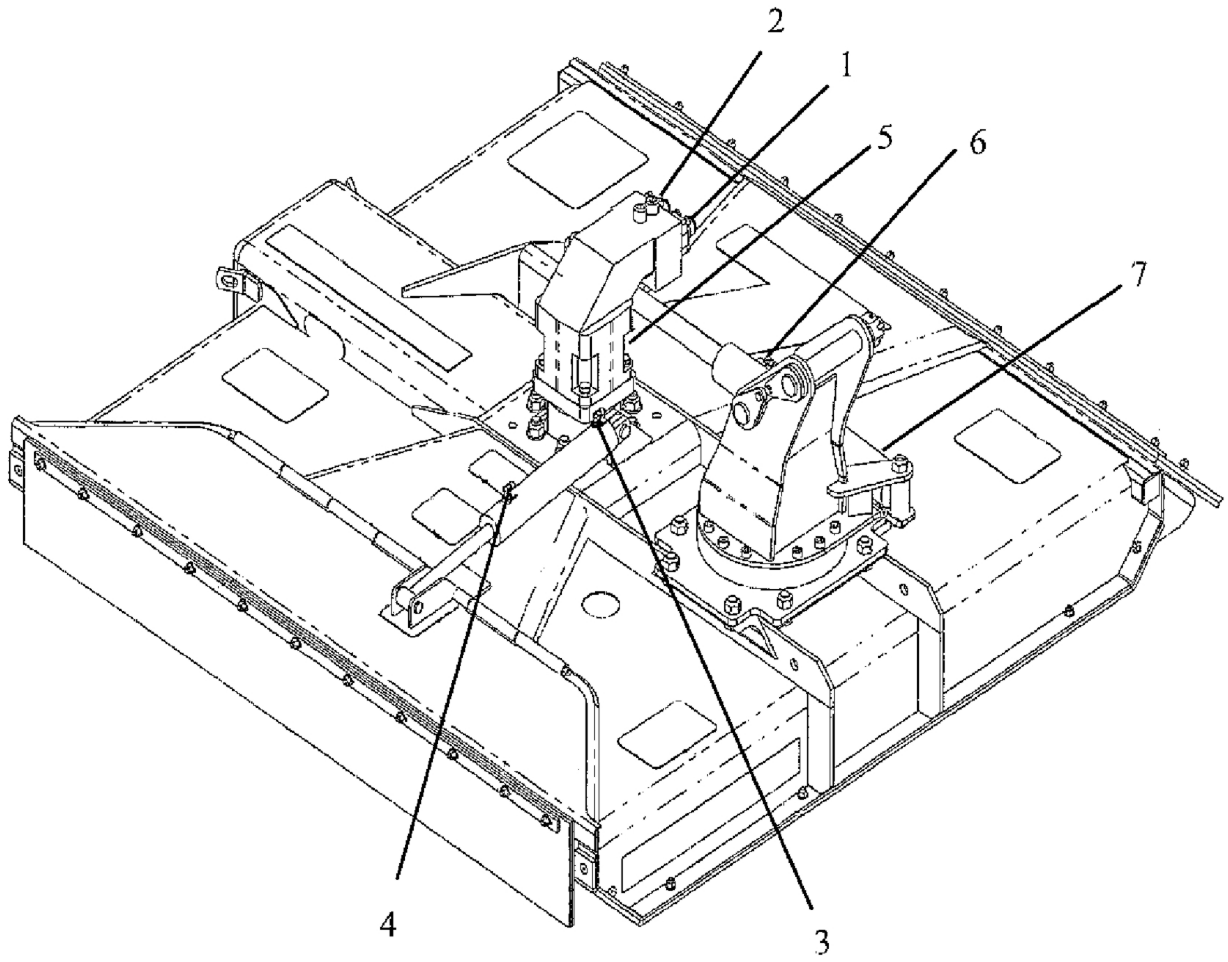
60 IN ROTARY - HYD CYL ASY - HEAD SWIVEL - PN 02981315



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

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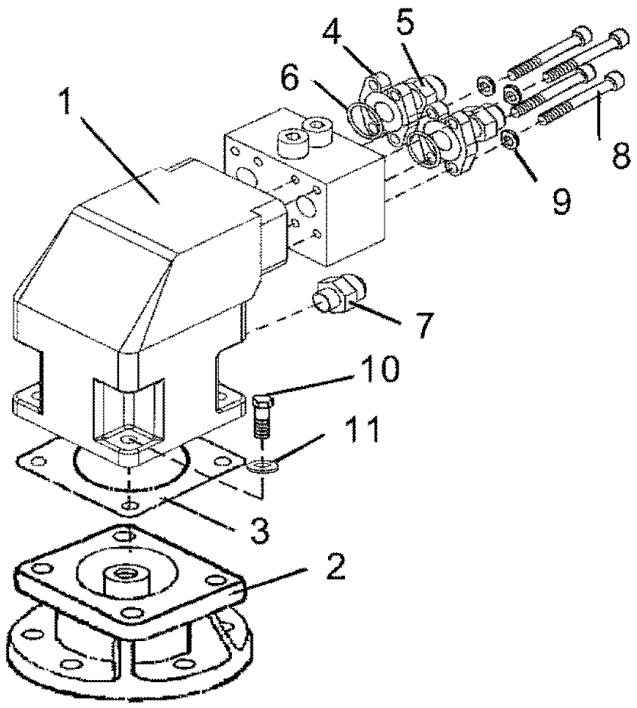
60 IN ROTARY - HYD HOSE ROUTING



ITEM	PART NO.	QTY.	DESCRIPTION
1	02968874	1	HOSE, # 16 - 16FJX - 16FJX - 60"LG - RED TIE (MOTOR PRESSURE)
2	02968875	1	HOSE, # 16 -16FJX - 16FJX 45` - 68"LG ORG TIE (MOTOR RETURN)
3	02968877	1	HOSE, # 4 - 4FJX - 4FJX - 80"LG - YEL/WHT TIE (DOOR BASE)
4	02968878	1	HOSE, # 4 - 4FJX - 4FJX - 88"LG - YEL TIE (DOOR ROD)
5	02970705	1	H0SE, # 8 - 8FJX - 8FJX - 60"LG - BLU TIE - (MOTOR CASE DRAIN)
	02980172	1	SLEEVING, CORDURA (NOT SHOWN)
	02968895	1	PLASTIC TIE, BLUE (NOT SHOWN)
6	02981844	1	HOSE, # 4 - 4FJX - 4FJX - 60"LG - GRN TIE - (SWIVEL ROD)
7	02981845	1	HOSE, # 4 - 4FJX - 4FJX - 60"LG - GRN/WHT TIE- (SWIVEL BASE)

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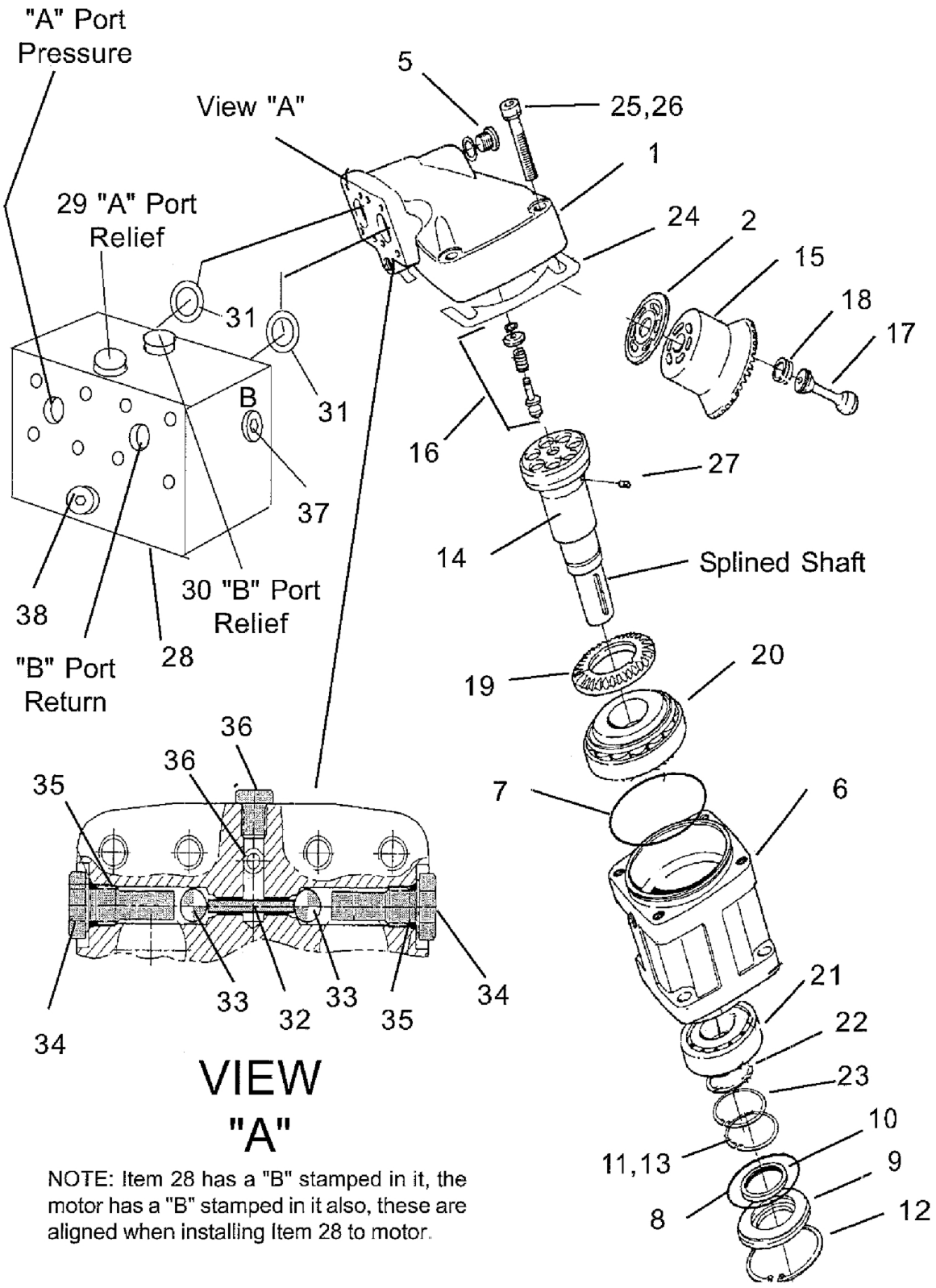
60 IN ROTARY - MOTOR & SPINDLE ASY



ITEM	PART NO.	QTY.	DESCRIPTION
1	02979881	1	MOTOR ASY, PISTON TYPE 4.91 CID
2	02968859A	1	SPINDLE & HOUSING ASY, SPLINED
3	02961038	1	GASKET-SPINDLE/MOTOR
4	02980235	4	FLANGE HALF
5	02980234	2	ADAPTER, STRAIGHT
6	02980237	2	O-RING
7	02972817	1	HYD ELBOW, 10MB - 8MJ45
8	02980236	8	BOLT
9	00022200	8	LOCKWASHER, STD 7/16" PL
10	02891800	4	BOLT, HEX HEAD 1/2"-NC X 1-3/4" PL GR8
11	00019600	4	LOCKWASHER, 1/2" HEAVY

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60 IN ROTARY - MOTOR ASY (PARTS) - PN 02979881 (PART 1)



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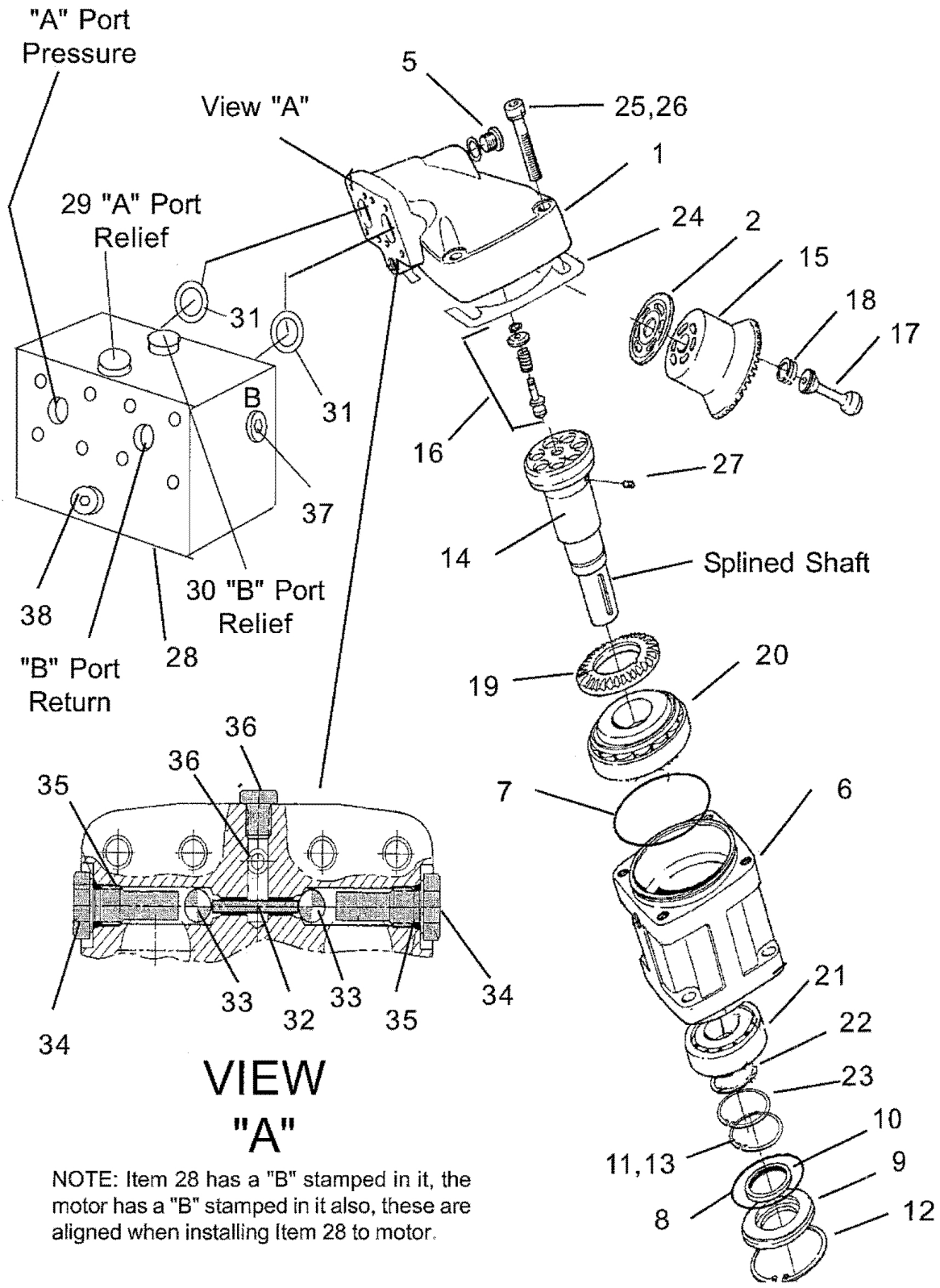
60 IN ROTARY - MOTOR ASY (PARTS) - PN 02979881 (PART 1)

Continued...

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

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60 IN ROTARY - MOTOR ASY (PARTS) - PN 02979881 (PART 2)



NOTE: Item 28 has a "B" stamped in it, the motor has a "B" stamped in it also, these are aligned when installing Item 28 to motor.

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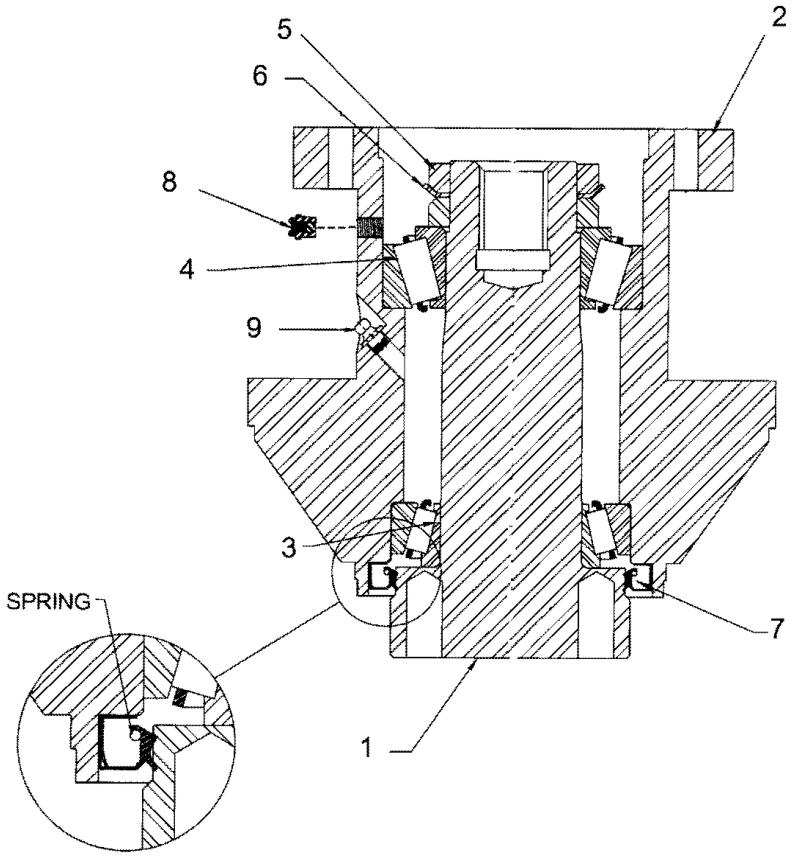
60 IN ROTARY - MOTOR ASY (PARTS) - PN 02979881 (PART 2)

Continued...

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

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60 IN ROTARY - SPINDLE ASY - PN 02968859



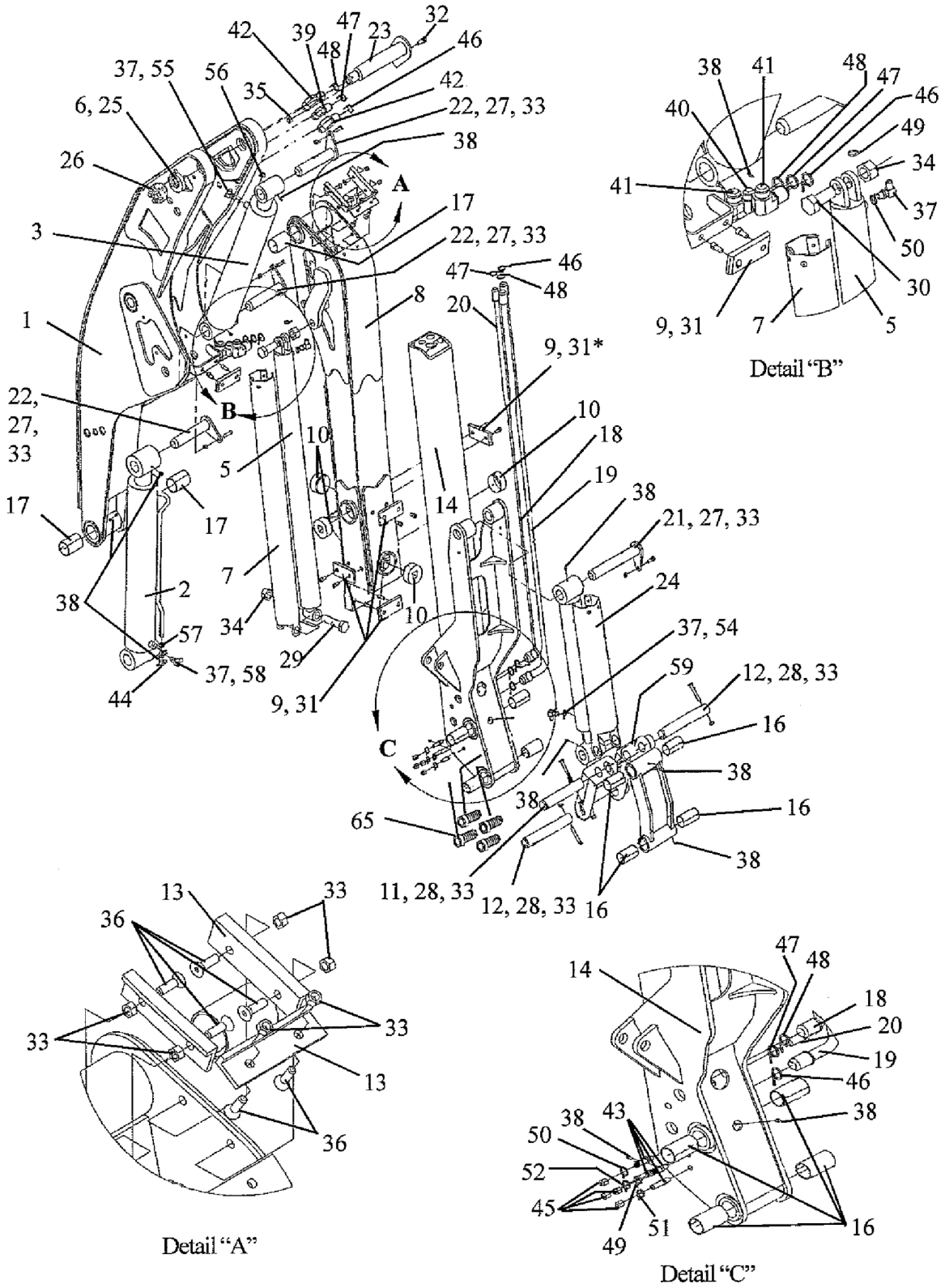
ITEM	PART NO.	QTY.	DESCRIPTION
	02968859	1	SPINDLE ASY
1	02967204	1	SPINDLE SHAFT, SPLINED
2	02967126	1	HOUSING, MACHINED SPINDLE
3	02967197	1	BEARING ASY, CUP & CONE, LOWER
4	02967196	1	BEARING ASY, CUP & CONE, UPPER
5	02909500	2	ADJUSTING NUT, 2.360-18 PITCH
6	02909600	1	TABBED LOCKWASHER, BEARING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

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BOOM ASY (24 FT BOOM) - PN 02981777 (PART 1)



*Torgue Item 31 to 50 inch/lbs

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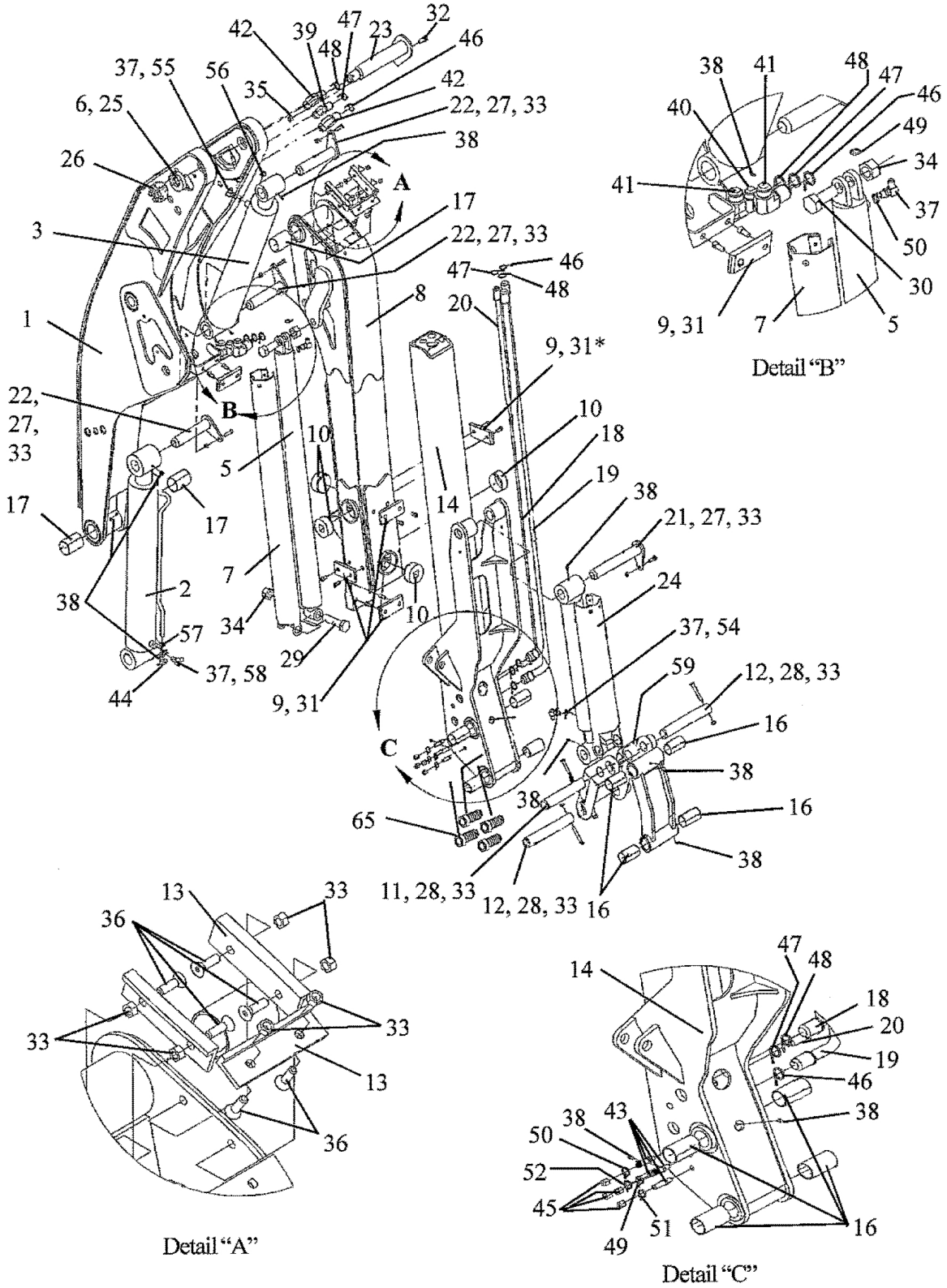
BOOM ASY (24 FT BOOM) - PN 02981777 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981777	1	24 FT. BOOM ASY
1	02981213	1	BOOM ARM WLD'MT
2	02981279	1	CYLINDER ASY, BOOM LIFT 4.0B X 2.25R X 24.63S
3	02981277	1	CYLINDER ASY, DIPPER 4.0B X 2.25R X 21.5S
4	02981280	1	CYLINDER ASY, HEAD LIFT 3.0B X 1.5R X 16.0S
5	02981276	1	CYLINDER ASY, EXTENSION 2.5B X 1.5R X 36.0S
6	02981273	1	DIPPER PIN SPACER
7	02981700	1	CYLINDER GUARD ASY, EXTENSION
8	02981290	1	DIPPER BOOM WLD'MT
9	02982455	5	SLIDE BLOCK, DIPPER THREADED 1/2"-13 (TORQUE TO 50 IN LBS MAX)
10	02981740	4	SLIDE PUCK, DIPPER
11	02971754	1	PIN, 1-1/2" X 8-5/16" CHROME
12	02971755	2	PIN, 1-1/2" X 9-9/16" CHROME
13	02981802	3	WEAR SLIDE, DIPPER
14	02981423	1	TELESCOPING WLD'MT
15	02981695	1	LINKAGE ARM WLD'MT
16	02981424	8	CONNEX BUSHING, 1-3/4" X 1-1/2" X 3"
17	02981420	4	CONNEX BUSHING, 2-1/2" X 2" X 3"
18	02981342	1	HYD TUBING, # 16 SHORT (EXTENSION)
19	02981343	1	HYD TUBING, # 16 LONG (EXTENSION)
20	02981344	1	HYD TUBING, # 8 (EXTENSION)
21	02981425	1	PIN WLD'MT, TILT CYL.
22	02981734	3	CYLINDER PIN WLD'MT
23	02981294	1	PIN WLD'MT, LIFT DIPPER
24	02981735	1	CYLINDER COVER, TILY CYL.
25	165020	1	COTTER PIN, 5/16" X 2-1/2" PL
26	02981702	1	SLOTTED NUT, 1"
27	00023100	4	BOLT HEX HEAD, 3/8"- NC X 1-1/2", PL GR5
28	02970595	3	BOLT HEX HEAD, 3/8"- NC X 2-3/4" PL GR8
29	00754108	1	BOLT HEX HEAD, 1"- NC X 4-1/2" GR 8
30	10546100	1	BOLT HEX HEAD, 1"- NC X 2-1/2" PL GR8
31	02982454	10	BOLT SOCKET HEAD, 1/2"-NC X 7/8" PL (TORQUE TO 50 IN LBS MAX)
	00001300	10	LOCKWASHER, 1/2" PL STD
32	02776600	1	BOLT HEX HEAD, 1/2"-NC X 1-1/4" PL GR8
33	00015800	13	LOCKNUT, 3/8"-NC PL B
34	02030300	2	LOCKNUT, 1"-NC PL B
35	00001800	1	LOCKNUT, 1/2"-NC PL B
36	00059700	6	BOLT SOCKET HEAD, COUNTER SUNK 3/8"-NC X 1-1/4"
37	63149100	4	ADAPTER HYD, ELBOW 6MB - 6MJ 90`
38	00752670	12	GREASE FITTING, 1/4-28 BOLT THD
39	02981199	1	ADAPTER HYD, 12MJ - 12MJ 45` BULKHEAD FITTING

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BOOM ASY (24 FT BOOM) - PN 02981777 (PART 2)



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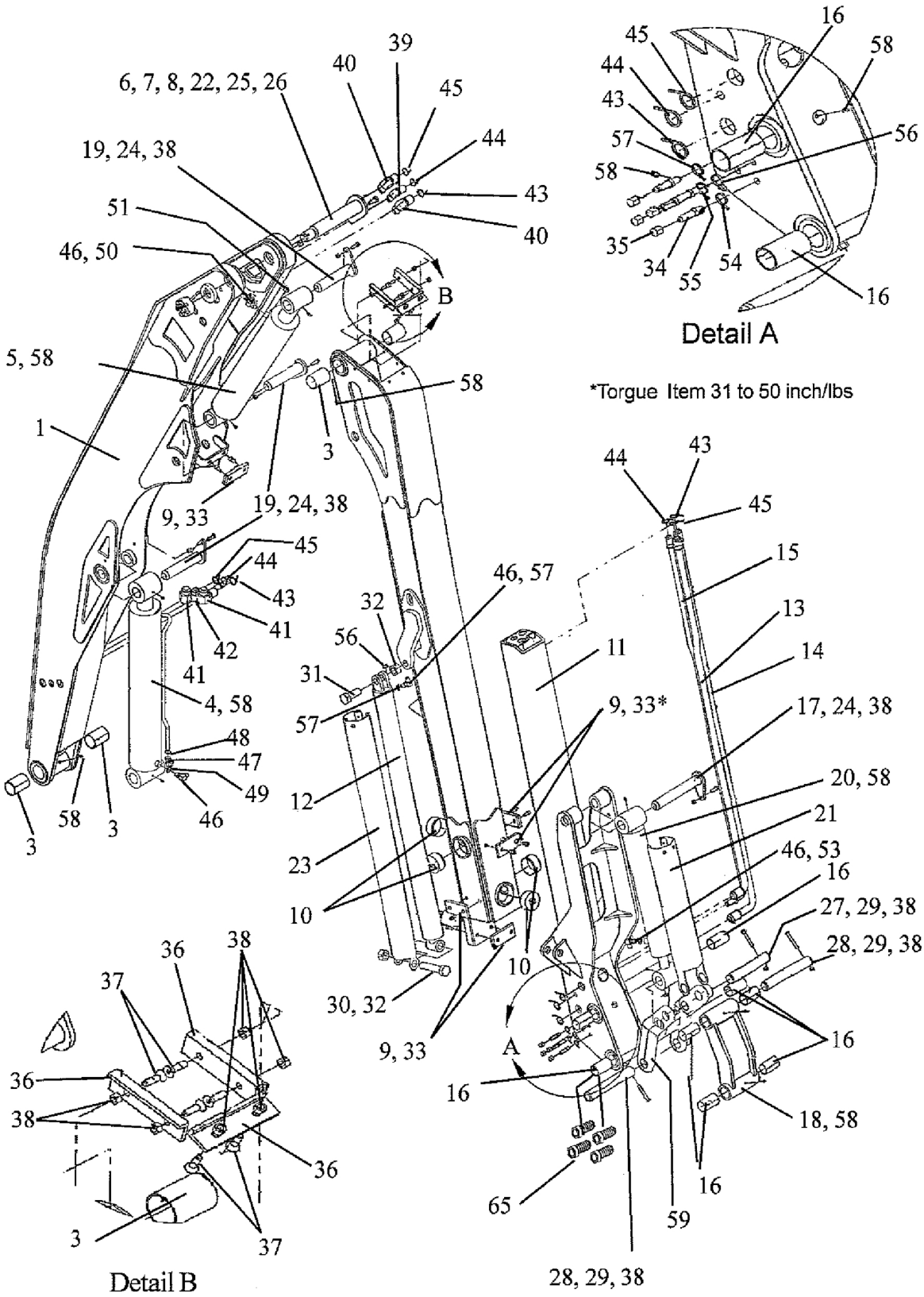
BOOM ASY (24 FT BOOM) - PN 02981777 (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
40	02981197	1	ADP 12MJ-12MJ 90, BULKHEAD
41	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
42	02919400	2	ADP HYD ELBOW 16MJ-16MJ45 BKHD
43	02965448	4	ADP HYD STGHT 4MJ-4MJ BLKHD
44	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
45	02919600	4	CAP-NUT #4FJ
46	02968894	4	PLASTIC TIE RED 11LG
47	02968895	4	PLASTIC TIE BLUE 11LG
48	02968896	4	PLASTIC TIE ORANGE 11LG
49	02968836	2	PLASTIC TIE YEL 4LG
50	02968837	2	PLASTIC TIE Y/W 4LG
51	02968832	1	PLASTIC TIE GRN 4"
52	02968833	1	PLASTIC TIE G/W 4LG
53	02968828	1	PLASTIC TIE RED 4LG
54	02968829	1	PLASTIC TIE R/W 4LG
55	02968830	1	PLASTIC TIE BLU 4LG
56	02968831	1	PLASTIC TIE B/W 4LG
57	02968834	1	PLASTIC TIE ORG 4LG
58	02968835	1	PLASTIC TIE O/W 4LG
59	02972816	1	MACHINED PIVOT LINK
60	02976532	4	ADP HYD ELBOW 4MJ - 4FJX 45DEG

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BOOM ASY (30 FT BOOM) - PN 02981778 (PART 1)



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

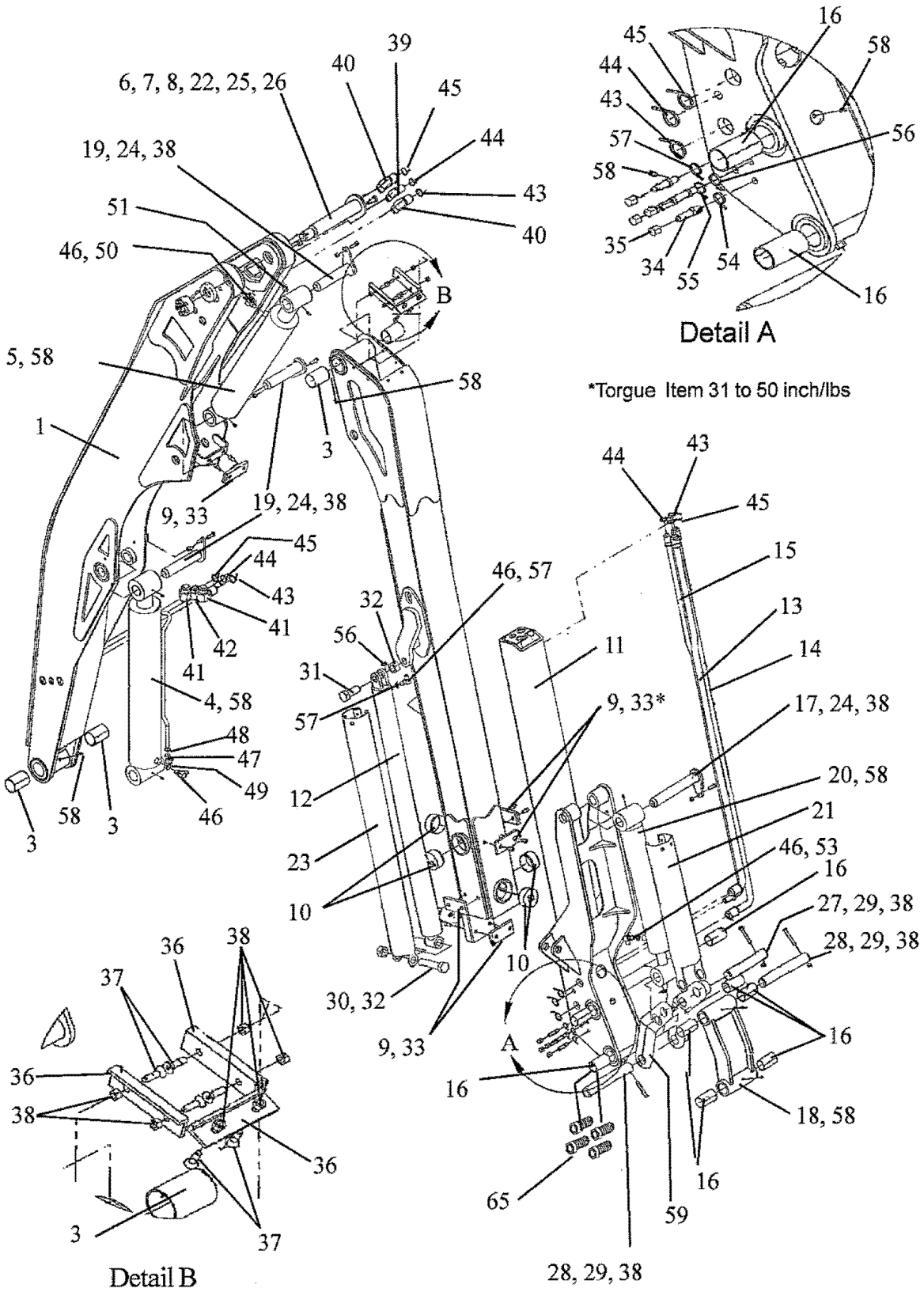
BOOM ASY (30 FT BOOM) - PN 02981778 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981778	1	30 FT. BOOM ASY
1	02981298	1	LIFT BOOM WLD'MT
2	02981289	1	DIPPER BOOM WLD'MT
3	02981420	4	BUSHING, CONNEX 2-1/4" X 2" X 3"
4	02981278	1	CYLINDER ASY, 4.5B X 2.5R X 24.63S
5	02981277	1	CYLINDER ASY, 4.0 X 2.25R X 21.5S
6	02981294	1	PIN WLD'MT, LIFT / DIPPER
7	02981273	1	SPACER, PAN / DIPPER
8	02981702	1	SLOTTED NUT, 1-1/2"- NF
9	02982455	5	SLIDE BLOCK, DIPPER 1/2"-13 (TORQUE TO 50 IN LBS MAX)
10	02981740	4	SLIDE PUCK, DIPPER
11	02981423	1	TELESCOPING WLD'MT
12	02971276	1	CYLINDER ASY, 2.5"B X 1.5"R X 16.0"S
13	02981342	1	HYD TUBING, # 16 SHORT, EXTENSION
14	02981343	1	HYD TUBING, # 16 LONG, EXTENSION
15	02981344	1	HYD TUBING, # 8, EXTENSION
16	02981424	8	CONNEX BUSHING, 1-3/4" X 1-1/2" X 3"
17	02981425	1	PIN WLD'MT, TILT CYLINDER
18	02981695	1	LINKAGE ARM WLD'MT
19	02981734	3	CYLINDER PIN WLD'MT
20	02981280	1	CYLINDER ASY, 3.0B X 1.5R X 16.0"S
21	02981735	1	TILT CYLINDER COVER ASY
22	165020	1	COTTER PIN, 5/16" X 2-1/2" PL
23	02981700	4	EXTENSION CYL, GUARD ASY
24	00023100	1	BOLT HEX HEAD, 3/8"- NC X 1-1/2" PL GR5
25	02776600	1	BOLT HEX HEAD, 1/2"- NC X 1-1/4" PL GR8
26	00001800	1	LOCKNUT,1/2"-NC PLB
27	02971754	1	PIN, 1-1/2" X 8-5/16" CHROME
28	02971755	2	PIN, 1-1/2" X 9-9/16" CHROME
29	02970595	3	BOLT HEX HEAD, 3/8"- NC X 2-3/4" PL GR8
30	00754108	1	BOLT HEX HEAD, 1"- NC X 4-1/2" GR GR8
31	10546100	1	BOLT HEX HEAD, 1"- NC X 2-1/2" PL GR8
32	02030300	2	LOCKNUT, 1"- NC PLB
33	02982454	10	BOLT SOCKET HEAD, 1/2"-NC X 7/8" PL (TORQUE TO 50 IN LBS MAX)
	00001300	10	LOCKWASHER, 1/2" PL STD
34	02965448	4	ADAPTER HYD, 4MJ - 4MJ BULKHEAD FITTING
35	02919600	4	CAP-NUT # 4FJ

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BOOM ASY (30 FT BOOM) - PN 02981778 (PART 2)



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

BOOM ASY (30 FT BOOM) - PN 02981778 (PART 2)

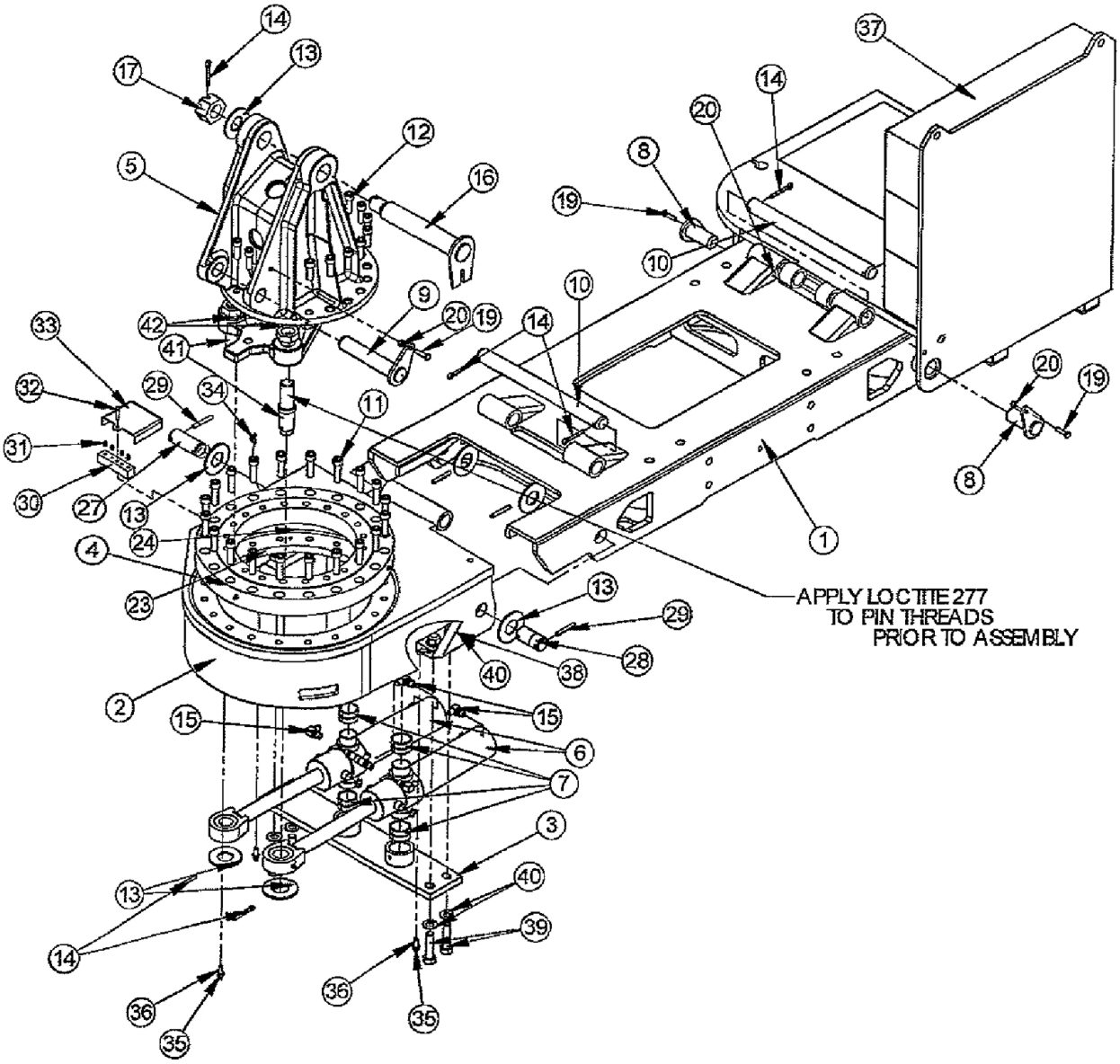
Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
36	02981802	3	WEAR SLIDE, DIPPER, MAVERICK
37	00059700	6	FSCS 3/8 NC 1-1/4
38	00015800	13	LOCKNUT TLM 3/8-NC PLC
39	02981199	1	ADP HYD ELBOW 12MJ-12MJ45 BKHD
40	02919400	2	ADP HYD ELBOW 16MJ-16MJ45 BKHD
41	02742500	2	ADP HYD ELBOW 16MJ-16MJ90 BKHD
42	02981197	1	ADP 12MJ-12MJ 90, BULKHEAD
43	02968894	4	PLASTIC TIE RED 11LG
44	02968895	4	PLASTIC TIE BLUE 11LG
45	02968896	4	PLASTIC TIE ORANGE 11LG
46	63149100	4	ADP HYD ELBOW 6MB-6MJ90
47	001921	1	ADP HYD ELBOW 6MJ - 6FJX 90
48	02968834	1	PLASTIC TIE ORG 4LG
49	02968835	1	PLASTIC TIE O/W 4LG
50	02968830	1	PLASTIC TIE BLU 4LG
51	02968831	1	PLASTIC TIE B/W 4LG
52	02968828	1	PLASTIC TIE RED 4LG
53	02968829	1	PLASTIC TIE R/W 4LG
54	02968832	1	PLASTIC TIE GRN 4"
55	02968833	1	PLASTIC TIE G/W 4LG
56	02968836	2	PLASTIC TIE YEL 4LG
57	02968837	2	PLASTIC TIE Y/W 4LG
58	00752670	12	FITTING,GREASE STRAIGHT 1/4-28
59	02972816	1	MACHINED PIVOT LINK
60	02976532	1	ADP HYD ELBOW 4MJ - 4FJX 45DEG

NOTE:CHECK SWING CYLINDER (ITEM 6) ROD ENDS, USE CORRECT TURRET PIN (ITEM 43) WITH THE CORRECT CYLINDER ROD END.

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BOOM FRAME ASY (24 FT BOOM) - PN 02981779



ITEM	PART NO.	QTY.	DESCRIPTION
1	02981779	1	24’ UNDER MOUNT, BOOM FRAME ASY
2	02981168	1	CENTER SECTION WLD’MT
3	02981160	1	BOOM MOUNT MACHINED
4	02983977	1	TRUNION WLD’MT
5	02971317	1	BEARING, 20" SLEWING
6	02982519	1	TURRET CASTING, MAVERICK
7	02981275	2	SWING CYL ASY (TUBE ROD END) (AS REQUIRED)
8	02981275A	2	SWING CYL ASY (SPERICAL ROD END) (AS REQUIRED)
9	02981419	4	CONNEX BUSHING

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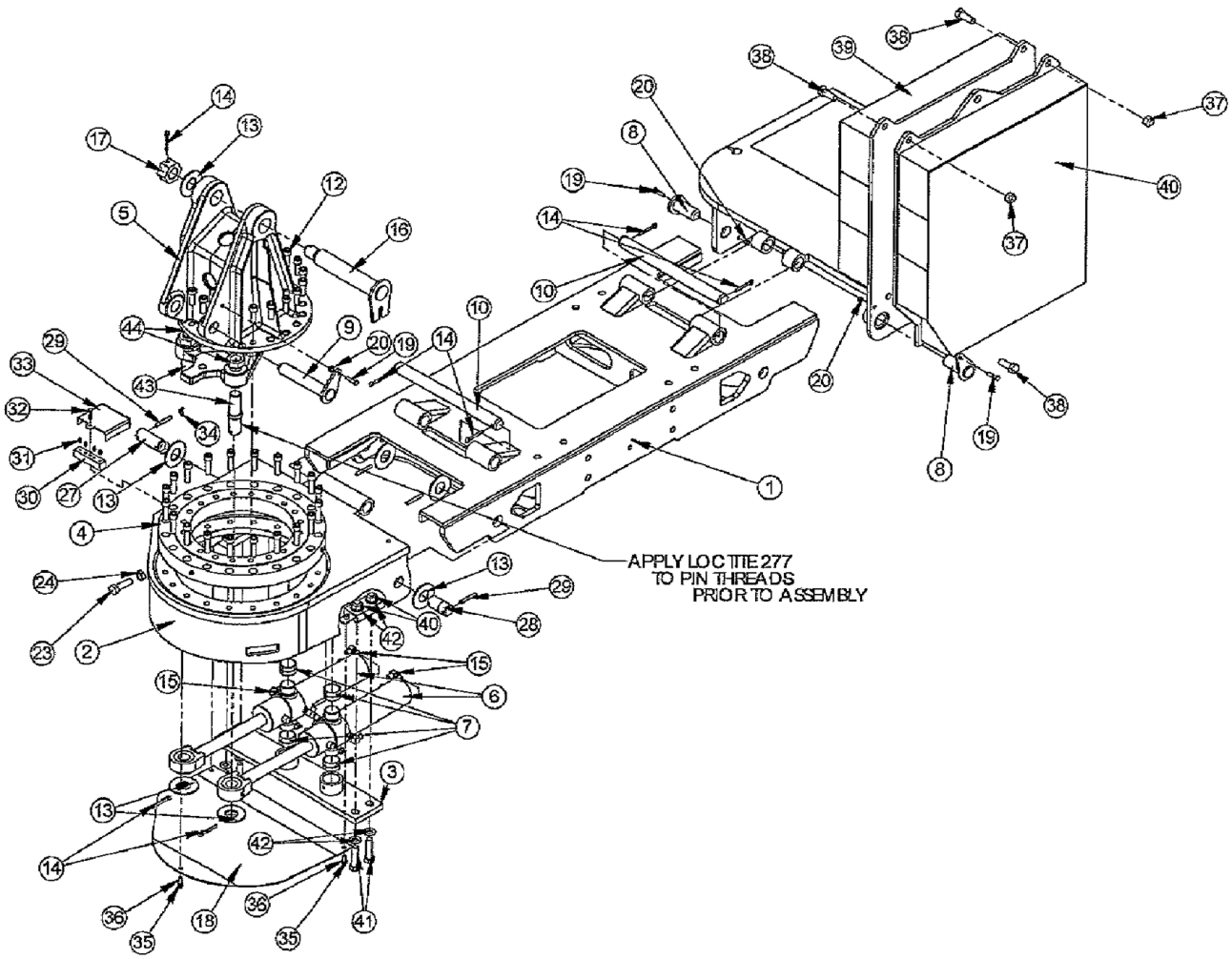
BOOM FRAME ASY (24 FT BOOM) - PN 02981779

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
10	02981692	2	ATTACHMENT LONG PIN WLD'MT
11	02981295	1	TURRET LIFT CYLINDER PIN WLD'MT
12	02981784	2	PIN, 1-1/2" X 17-3/4"
13	02981785	20	SOCKET HEAD BOLT
14	02981786	18	SOCKET HEAD BOLT
15	15B2400	7	FLATWASHER, 1-1/2" PL
16	165020	7	COTTER PIN, 5/16" X 2-1/2" PL
17	63149100	6	ADAPTER, HYD, ELBOW
18	02981293	1	TURRET LIFT PIN WLD'MT
19	02981702	1	SLOTTED NUT, 1-1/2" NF
20	02981788	1	COVER PLATE
21	00023100	3	HEX HEAD B-1OLT, 3/8" -16UNC 1/2" PL5
22	00015800	3	LOCKNUT, 3/8" NC PLB
23	02963646	1	HHCS 3/4 NC 2-1/2 PL8
24	02023900	1	JAMNUT, 3/4" NC HEX PL
25	02983028	1	PIN,MEDIUM,REAR,PEDESTAL
26	02983029	1	FRONT PEDESTAL, SHORT PIN
27	0113400	4	PIN ROLL, 3/8" X 2-1/2"
28	02983023	1	GREASE MANIFOLD
29	00752670	4	GREASE FITTING 1/4-28 BOLT THD
30	02153100	1	HEX HEAD BOLT, 1/4" NC 1-1/4" PL
31	02983027	1	MANIFOLD SHIELD
32	00752176	1	GREASE FITTING, 1/8" MP 90DEG
33	00012101	3	LOCKWASHER, 3/8" PL HVY
34	00011400	3	HEX HEAD BOLT, 3/8" NC 1" PL5
35	02983680	1	UNDERFRAME COUNTERWEIGHT WLD'MT
36	00037200	4	LOCKNUT, 3/4" NC PLC
37	03200269	4	HEX HEAD BOLT, 3/4" N 3" PL8
38	5312316	8	WASHER, (SPECIAL)
39	02984073	2	TURRET LINK, THREADED PIN (USE W/ TUBE ROD END CYL #02981275) (AS REQUIRED)
40	02984740	2	TURRET LINK, THREADED PIN (USE W/ SPHERICAL ROD END CYL #02981275A) (AS REQUIRED)
41	02984074	2	JAMNUT, 1-3/8" - 12NF HEX-FLAT

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BOOM FRAME ASY (30 FT BOOM) - PN 02981780



ITEM	PART NO.	QTY.	DESCRIPTION
	02981780	1	30’ UNDER MOUNT, BOOM FRAME ASY
1	02981168	1	CENTER SECTION WLD’MT
2	02981160	1	BOOM MOUNT MACHINED
3	02983977	1	TRUNION WLD’MT
4	02971317	1	BEARING, 20" SLEWING
5	02982519	1	TURRET CASTING, MAVERICK
6	02981275	2	SWING CYL ASY (TUBE ROD END) (AS REQUIRED)
	02981275A	2	SWING CYL ASY (SPHERICAL ROD END) (AS REQUIRED)
7	02981419	4	CONNEX BUSHING
8	02981692	2	ATTACHMENT LONG PIN WLD’MT
9	02981295	1	TURRET LIFT CYLINDER PIN WLD’MT
10	02981784	2	PIN, 1-1/2" X 17-3/4"
11	02981785	20	SOCKET HEAD BOLT
12	02981786	18	SOCKET HEAD BOLT

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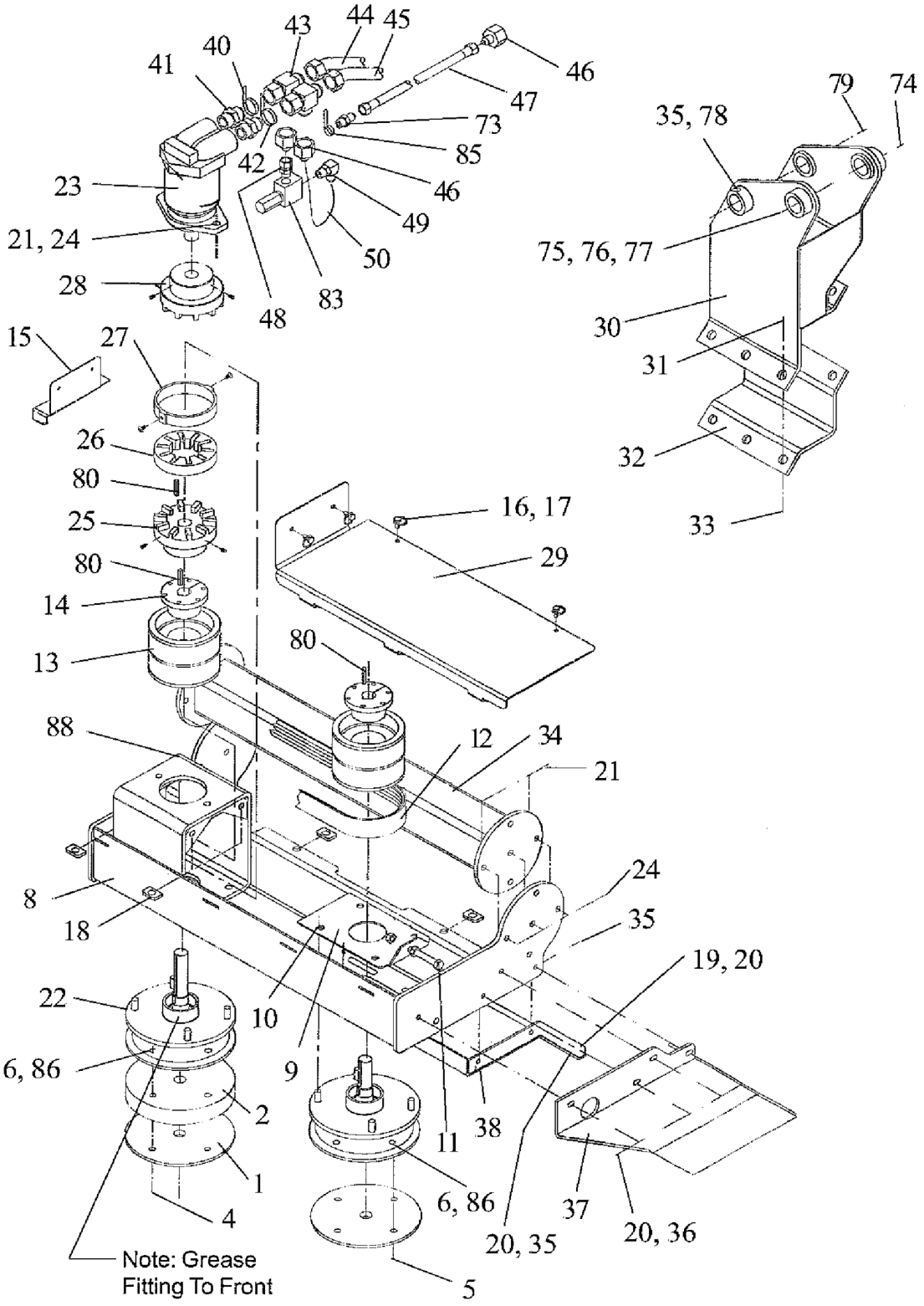
BOOM FRAME ASY (30 FT BOOM) - PN 02981780

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
13	15B2400	4	GREASE FITTING, 1/4"-28 BOLT THD
14	165020	7	COTTER PIN, 5/16" X 2-1/2" PL
15	63149100	6	ADAPTER, HYD, ELBOW
16	02981293	1	TURRET LIFT PIN WLD'MT
17	02981702	1	SLOTTED NUT, 1-1/2" NF
18	02981788	1	COVER PLATE
19	00023100	3	HEX HEAD BOLT, 3/8" -16UNC 1-1/2" PL5
20	00015800	3	LOCKNUT, 3/8" NC PLB
23	02963646	1	HHCS 3/4 NC 2-1/2 PL8
24	02023900	1	NUT 3/4 NC HEX PL JAMNUT
27	02983028	1	REAR PEDESTAL, MEDIUM PIN
28	02983029	1	FRONT PEDESTAL, SHORT PIN
29	0113400	4	PIN ROLL, 3/8" X 2-1/2"
30	02983023	1	GREASE MANIFOLD
31	00752670	4	GREASE FITTING 1/4-28 BOLT THD
32	02153100	1	HEX HEAD BOLT, 1/4" NC 1-1/4" PL
33	02983027	1	MANIFOLD SHIELD
34	00752176	1	GREASE FITTING, 1/8" MP 90DEG
35	00012101	3	LOCKWASHER, 3/8" PL HVY
36	00011400	3	HEX HEAD BOLT, 3/8" NC 1" PL5
37	00037200	7	LOCKNUT, 3/4" NC PLC
38	02918600	3	HEX HEAD BOLT, 3/4"-10UNC 2" PL8
39	02983680	1	UNDERFRAME COUNTERWEIGHT WLD'MT
40	02983681	1	COUNTERWEIGHT WLD'MT, (ADD-ON)
41	03200269	4	HEX HEAD BOLT, 3/4" NC 3" PL8
42	5312316	8	WASHER, (SPECIAL)
43	02984073	2	TURRET LINK, THREADED PIN (USE W/TUBE ROD END CYL #02981275) (AS REQUIRED)
	02984740	2	TURRET LINK, THREADED PIN (USE W/SPHERICAL ROD END CYL #02981275A) (AS REQUIRED)
44	02984074	2	JAMNUT, 1-3/8" - 12NF HEX-FLAT

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BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 1)



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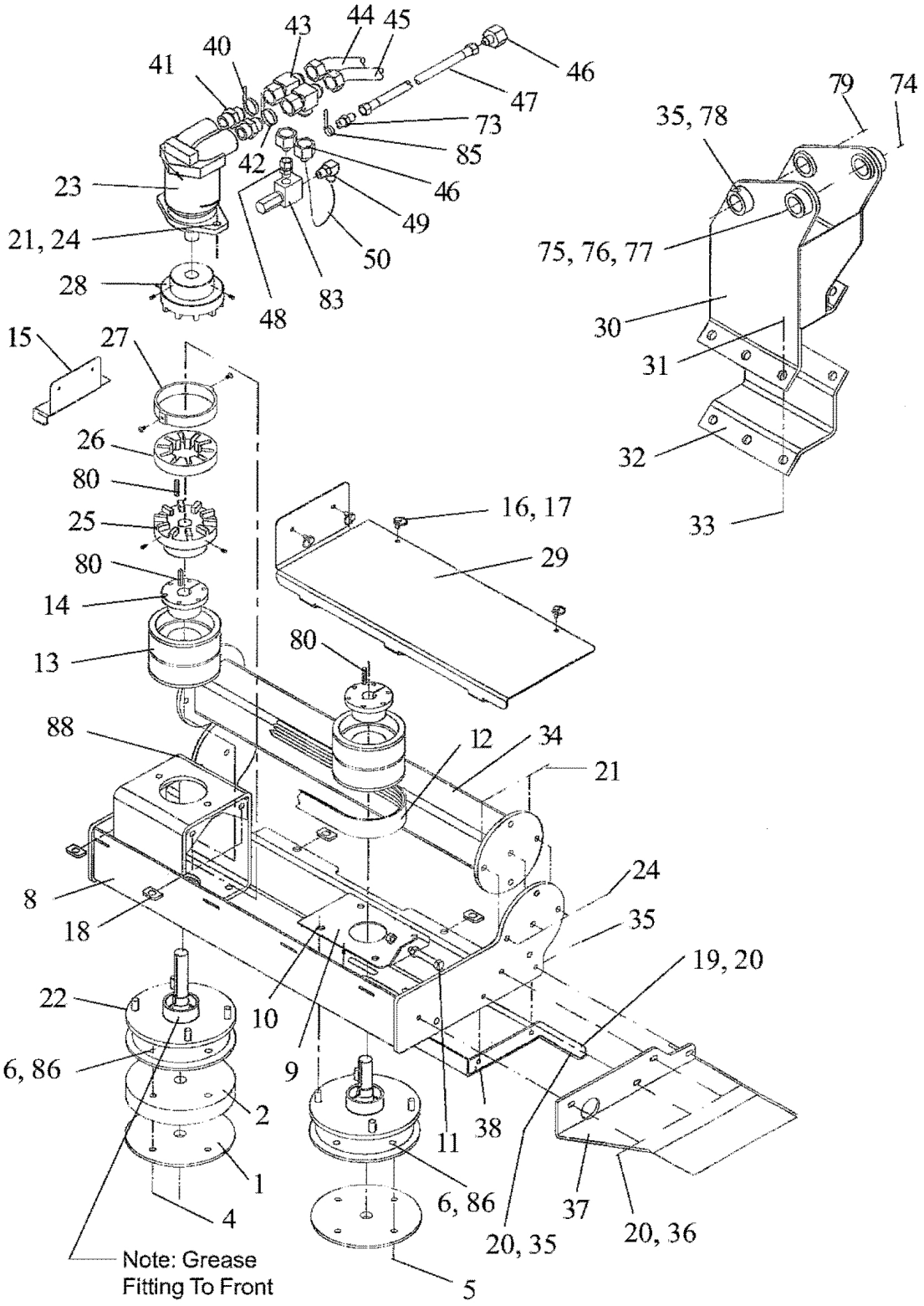
BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02979265	1	SAW HEAD ASY, 48 INCH 2 BLADE
1	02974237	2	END CAP
2	02974238	1	BLADE SPACER
3	02974235	1	SPINDLE ASY.
4	02974659	4	BOLT, SOCKET HEAD CNTR-SNK 1/2"-NC X 3-1/2"
5	02974658	8	BOLT, SOCKET HEAD CNTR-SNK 1/2"-NC X 2"
6	02976017	8	SLOTTED NUT, 1/2"-NC PLB
7	00001200	6	HEX NUT, 1/2"-NC PL
8	02979269	1	SAW BODY WLD'MT, 2 BLADE
9	02974225	3	BRACKET TENSION ADJUSTMENT
10	00750614	16	CONE LUG NUT, 1/2"-20NF 90DEG.PL
11	002521	3	BOLT, HEX HEAD 1/2"-NC X 3-1/2" PL GR5
12	02974241	3	V-BELT
13	02974239	2	SHEAVE, W/GROOVE
14	02974240	2	BUSHING QD
15	02979271	1	BELT COVER, LEFT 2
16	02975441	9	STUD, QUICK RELEASE W/RING
17	02975440	9	RETAINER, F/ QUICK RELEASE
18	02975439	9	RECEIVER, F/ QUICK RELEASE
19	00011400	1	BOLT, HEX HEAD 3/8"-NC X 1" PL GR5
20	00011100	10	FLATWASHER, 3/8" PL STD
21	00001800	6	LOCKNUT, 1/2"-NC PLB
22	02978249	1	DRIVE SPINDLE ASY
23	8301295	1	MOTOR, PISTON-2.48 CU.IN./REV
24	00749130	8	BOLT, HEX HEAD 1/2"-13NC X 1-3/4" PL GR5
25	02978267	1	HUB, 1-1/8" BORE & 1/4" KEY
26	02978268	1	INSERT, URETHANE
27	02978269	1	COVER, PROTECTIVE NYLON
28	02978270	1	HUB, 1-1/8" BORE & 5/16" KEY
29	02979296	1	SHEET, BELT COVER SHORT
30	02976149	1	HITCH POST WELDMENT
31	00037200	6	LOCKNUT, 3/4"-NC PLC
32	02970324	1	HITCH POST CLAMP PLATE
33	02918600	6	BOLT, HEX HEAD 3/4"-10NC X 2" PL GR8
34	02979272	1	MOUNT TUBE WELDMENT, 2 BLADE
35	00015800	9	LOCKNUT, 3/8"-NC PLB
36	00023100	8	BOLT, HEX HEAD 3/8"-16NC X 1-1/2" PL GR5
37	02974207	1	BUMPER
38	02979274	1	REAR SHIELD WELDMENT
39	02975600	1	SAW BLADE PACKAGE OF 2
40	02968894	1	PLASTIC TIE, 11" LG (RED TIE)

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BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 2)



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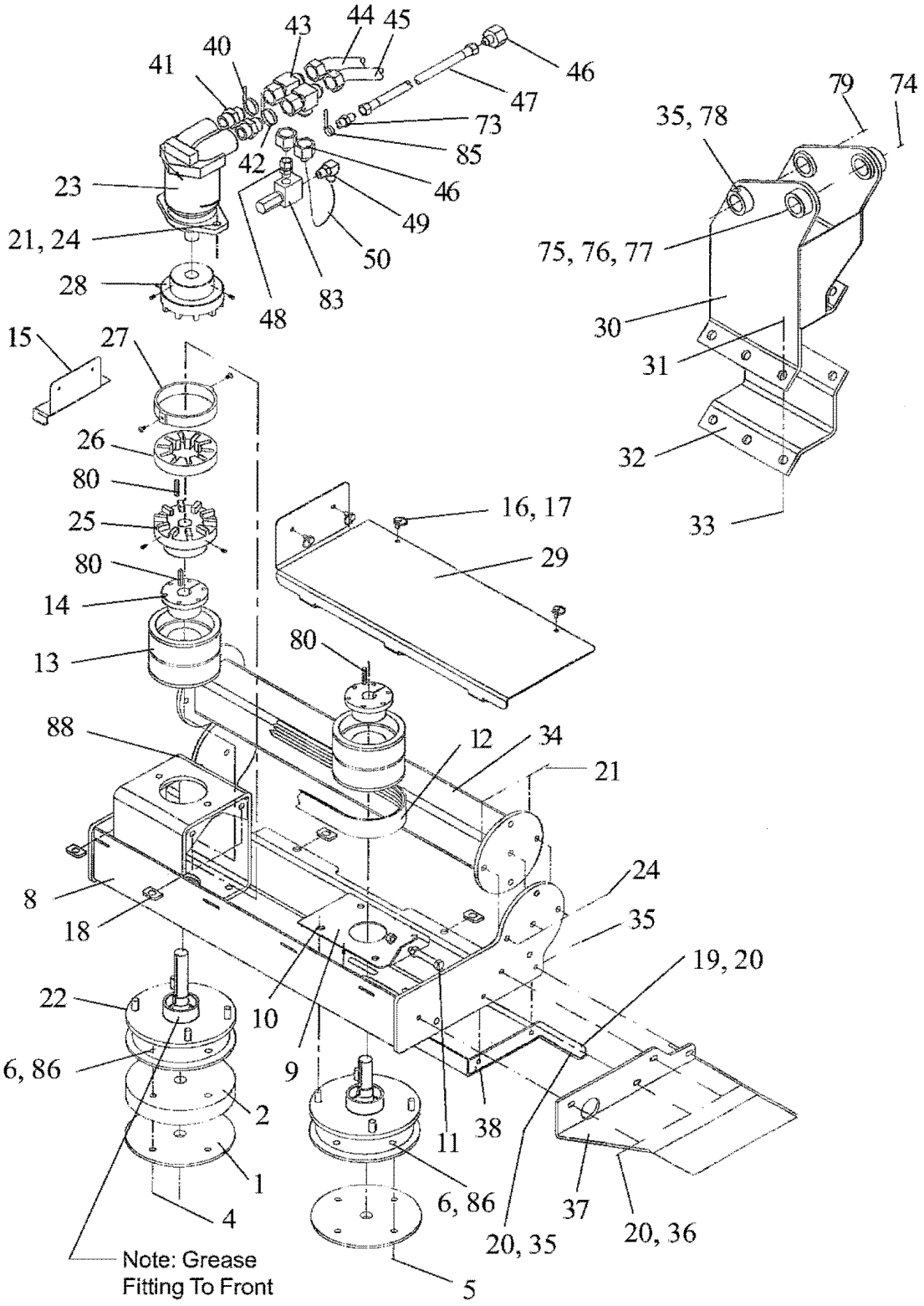
BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957622	2	ADP HYD STGHT 16MB-16MJ
42	02968896	1	PLASTIC TIE ORANGE 11LG
43	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
44	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
45	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
46	02969464	3	ADP HYD STGHT 16FJ-8MJ
47	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
48	02975438	1	ADP HYD STGHT 8MB - 8FJX
49	02962213	1	ADP HYD ELBOW 8MB - 8MJ 90°
50	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
51	00758194	1	DECAL,WARNING BELT SHIELD
52	00769736	1	DECAL,USE/REPAIR GUARDS
53	00769737	1	DECAL-BLADES THROWN OBJECTS
54	02925100	1	DECAL-REPLACEMENT PARTS
55	02958241	1	DECAL-TRACTOR OPERATOR SAFETY
56	02962764	1	DECAL - PINCH POINTS
57	00756004	1	DECAL-SHIELD MISSING
58	02965262	1	DECAL- WARNING HOSE BURST
59	02967827	1	DECAL, MULTI-HAZARD
60	02960766	2	DECAL,ALAMO INDUSTRIAL LOGO
61	02974998	1	DECAL BUZZBAR
62	D138	1	DECAL,CW BLADE ROTATION
63	02975158	1	DECAL HEAR PROTECTION REQD
64	02975170	1	DECAL ROTATING BLADES
65	02975515	1	DECAL WARNING DISCONNECT
66	02975516	1	DECAL NO HITCH POST HERE
67	02975514	1	DECAL PITCH ADJUSTMENT
70	02979546	1	DECAL, ALAMO IND. GREEN &BLACK
71	1458392	1	DECAL,RED REFLECTOR
72	1458393	1	DECAL,YELLOW REFLECTOR
73	00696800	1	ADP HYD STGHT 8MB-8MJ
74	02971720	1	WELDMENT, PIN - 11-1/2LG
75	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
76	02971701	1	NUT SLOT 1-3/8 12NF PLB
77	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
78	02970595	1	HHCS 3/8 NC 2-3/4 PL8
79	02971756	1	PIN, 1-1/2 X 9 CHROME
80	02669600	3	KEY 1/4 SQ KEY 1 1/4 LG.
81	02961134	1	DECAL- PATENT PENDING

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BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 3)



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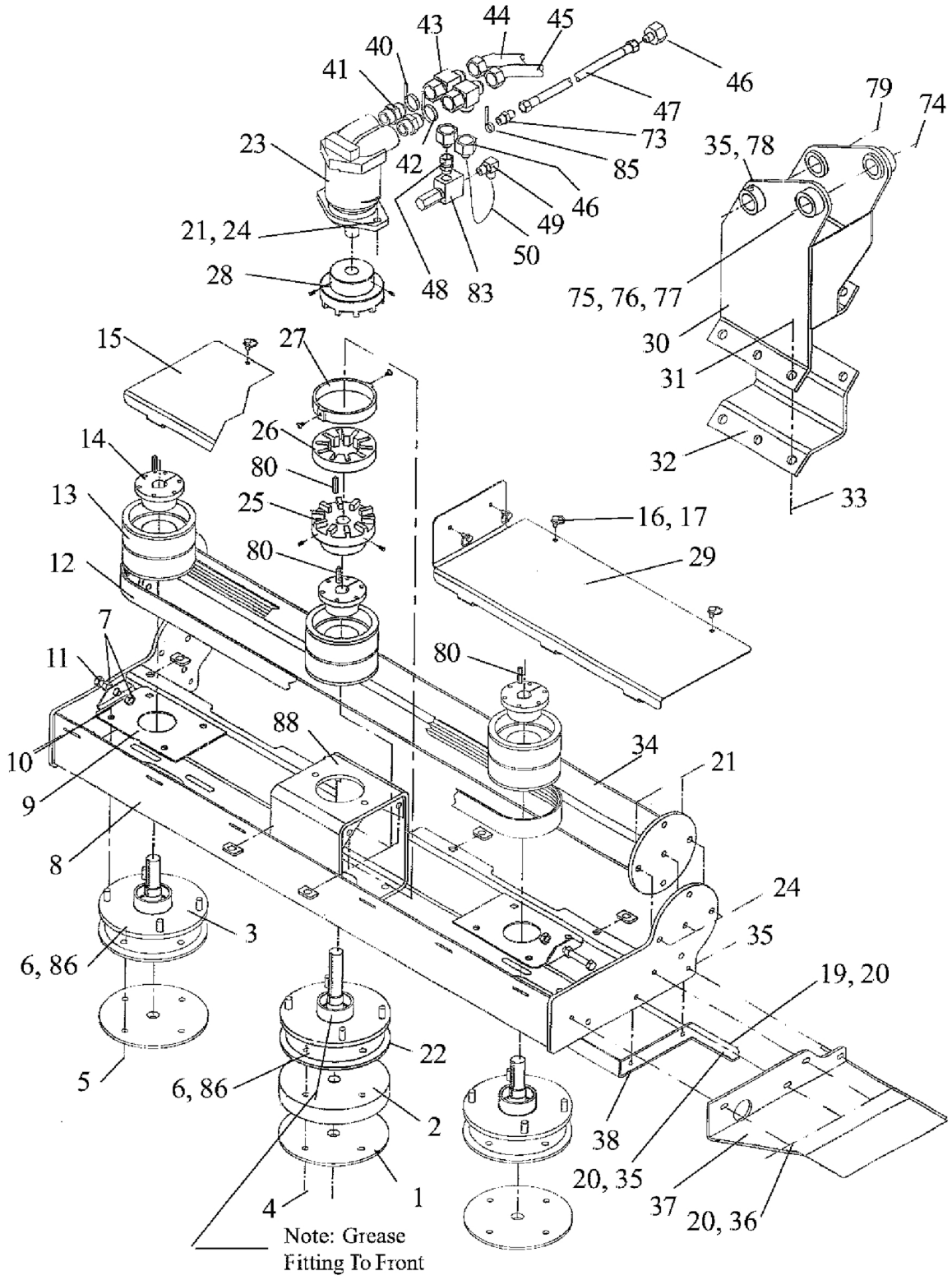
BUZZ BAR ASY - 48 IN HEAD - PN 02979265 (PART 3)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
82	02975928	1	INSERT SHEET BUZZBAR MACHETE
83	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
84	02919600	2	CAP-NUT #4FJ
85	02968895	1	PLASTIC TIE BLUE 11LG
86	40010000	8	PIN, COTTER 1/8 X1
87	63000500	8	WASHER, FLAT, PLATED
88	02979262	1	MACHINED TUBE, MOTOR MOUNT
89	02979546	1	DECAL, ALAMO IND. GREEN &BLACK

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BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 1)



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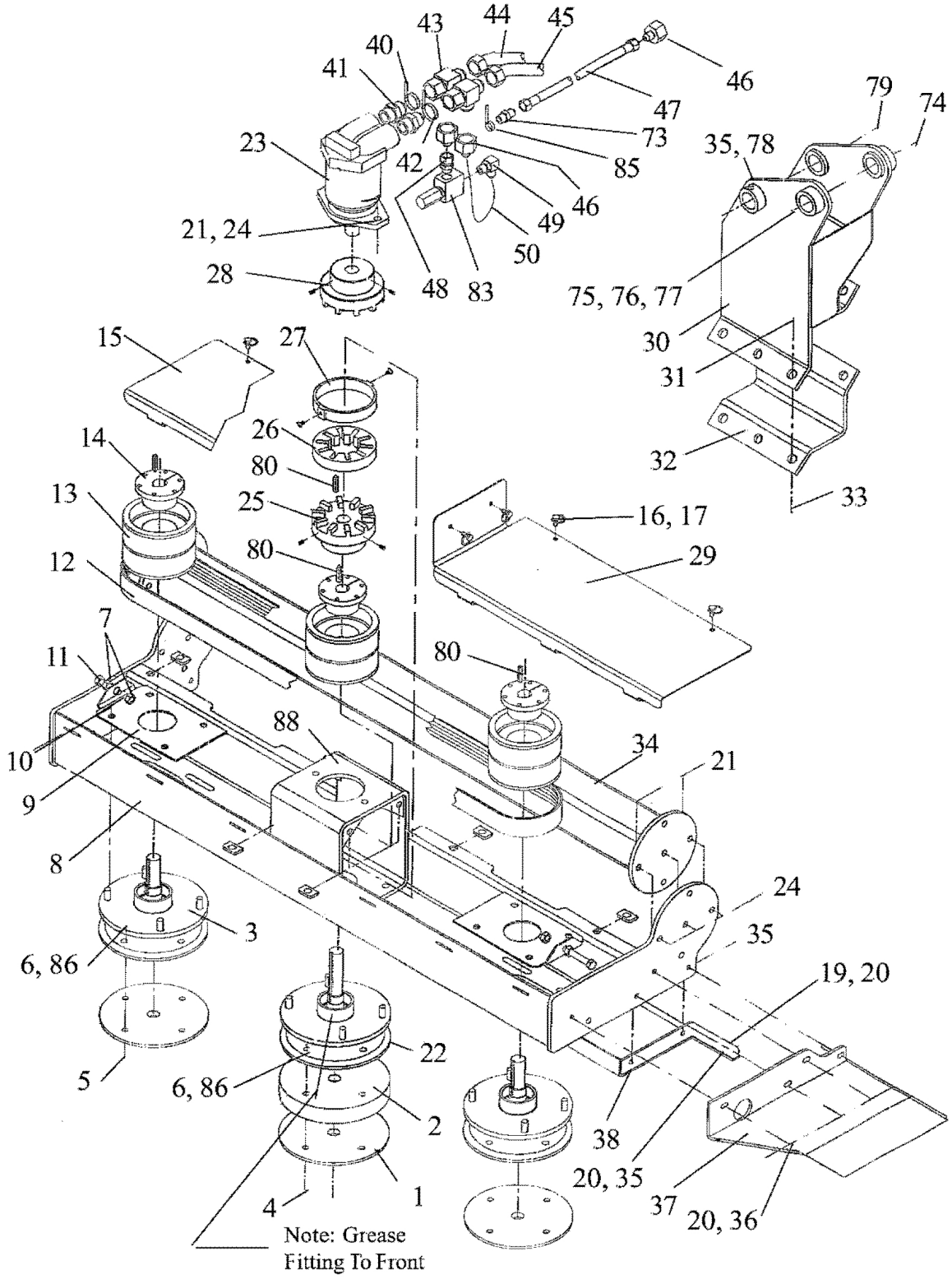
BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02979249	1	SAW BLADE HEAD ASY, 69" (3 BLADE)
1	02974237	3	END CAP
2	02974238	1	BLADE SPACER
3	02974235	2	SPINDLE ASY
4	02974659	4	BOLT, SOCKET CNTR-SNK 1/2"-NC X 3-1/2" W/HOLE
5	02974658	8	BOLT, SOCKET CNTR-SNK 1/2"-NC X 2" W/HOLE
6	02976017	12	SLOTTED NUT, 1/2"-NC PLB
7	00001200	6	HEX NUT, 1/2"-NC PL
8	02979253	1	SAW BODY WELDMENT, 3 BLADE
9	02974225	3	TENSION ADJUSTMENT BRACKET
10	00750614	16	CONE LUG NUT, 1/2"-20NF 90DEG PL
11	002521	3	BOLT, HEX HEAD 1/2"-NC X 3-1/2" PL GR5
12	02974241	3	V-BELT
13	02974239	3	SHEAVE, W/GROOVE
14	02974240	3	BUSHING, QD
15	02979255	1	SHEET, BELT COVER, LEFT 3 BLADE
16	02975441	9	STUD, QUICK RELEASE W/RING
17	02975440	9	RETAINER, F/QUICK RELEASE
18	02975439	9	RECEIVER, F/ QUICK RELEASE
19	00011400	1	BOLT, HEX HEAD 3/8"-NC X 1 PL GR5
20	00011100	10	FLATWASHER, 3/8" PL STD
21	00001800	6	LOCKNUT, 1/2"-NC PLB
22	02978249	1	DRIVE SPINDLE ASY.
23	8301295	1	MOTOR, PISTON-2.48 CU.IN./REV
24	00749130	8	BOLT, HEX HEAD 1/2"-13NC X 1-3/4" PL GR5
25	02978267	1	HUB, 1-1/8" BORE X 1/4" KEY
26	02978268	1	INSERT, URETHANE
27	02978269	1	COVER, PROTECTIVE NYLON
28	02978270	1	HUB, 1-1/8" BORE X 5/16" KEY
29	02979296	1	BELT COVER, SHORT
30	02976149	1	HITCH POST WELDMENT
31	00037200	6	LOCKNUT, 3/4"-NC PLC
32	02970324	1	PLATE, HITCH POST CLAMP
33	02918600	6	BOLT, HEX HEAD 3/4"-10NC X 2" PL GR8
34	02979256	1	HITCH TUBE WELDMENT, 3 BLADE
35	00015800	9	LOCKNUT, 3/8"-NC PLB
36	00023100	8	BOLT, HEX HEAD 3/8"-16NC X 1-1/2" PL GR5
37	02974207	1	BUMPER
38	02979258	1	REAR SHIELD WELDMENT
39	02975600	1	SAW BLADE PACKAGE OF 2
40	02968894	1	PLASTIC TIE, 11" LG

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BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 2)



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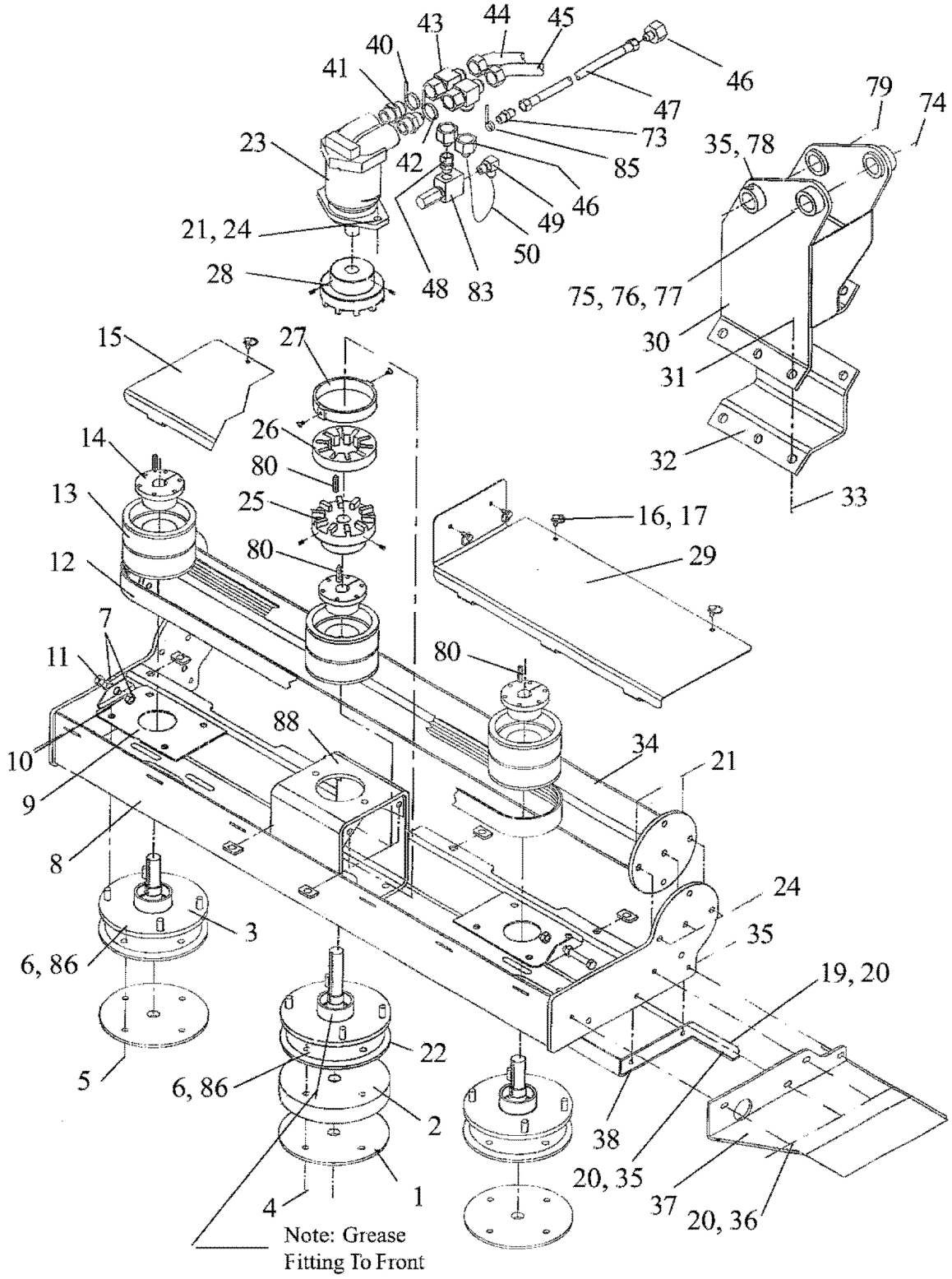
BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957622	2	ADP HYD STGHT 16MB-16MJ
42	02968896	1	PLASTIC TIE ORANGE 11LG
43	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
44	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
45	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
46	02969464	3	ADP HYD STGHT 16FJ-8MJ
47	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
48	02975438	1	ADP HYD STGHT 8MB - 8FJX
49	02962213	1	ADP HYD ELBOW 8MB - 8MJ 90°
50	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
51	00758194	1	DECAL,WARNING BELT SHIELD
52	00769736	1	DECAL,USE/REPAIR GUARDS
53	00769737	1	DECAL-BLADES THROWN OBJECTS
54	02925100	1	DECAL-REPLACEMENT PARTS
55	02958241	1	DECAL-TRACTOR OPERATOR SAFETY
56	02962764	1	DECAL - PINCH POINTS
57	00756004	1	DECAL-SHIELD MISSING
58	02965262	1	DECAL- WARNING HOSE BURST
59	02967827	1	DECAL, MULTI-HAZARD
60	02960766	2	DECAL,ALAMO INDUSTRIAL LOGO
61	02974998	1	DECAL BUZZBAR
62	D138	1	DECAL,CW BLADE ROTATION
63	02975158	1	DECAL HEAR PROTECTION REQD
64	02975170	1	DECAL ROTATING BLADES
65	02975515	1	DECAL WARNING DISCONNECT
66	02975516	1	DECAL NO HITCH POST HERE
67	02975514	1	DECAL PITCH ADJUSTMENT
70	02979546	1	DECAL, ALAMO IND. GREEN &BLACK
71	1458392	1	DECAL,RED REFLECTOR
72	1458393	1	DECAL,YELLOW REFLECTOR
73	00696800	1	ADP HYD STGHT 8MB-8MJ
74	02971720	1	WELDMENT, PIN - 11-1/2LG
75	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
76	02971701	1	NUT SLOT 1-3/8 12NF PLB
77	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
78	02970595	1	HHCS 3/8 NC 2-3/4 PL8
79	02971756	1	PIN, 1-1/2 X 9 CHROME
80	02669600	4	KEY 1/4 SQ KEY 1 1/4 LG.
81	02961134	1	DECAL- PATENT PENDING

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BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 3)



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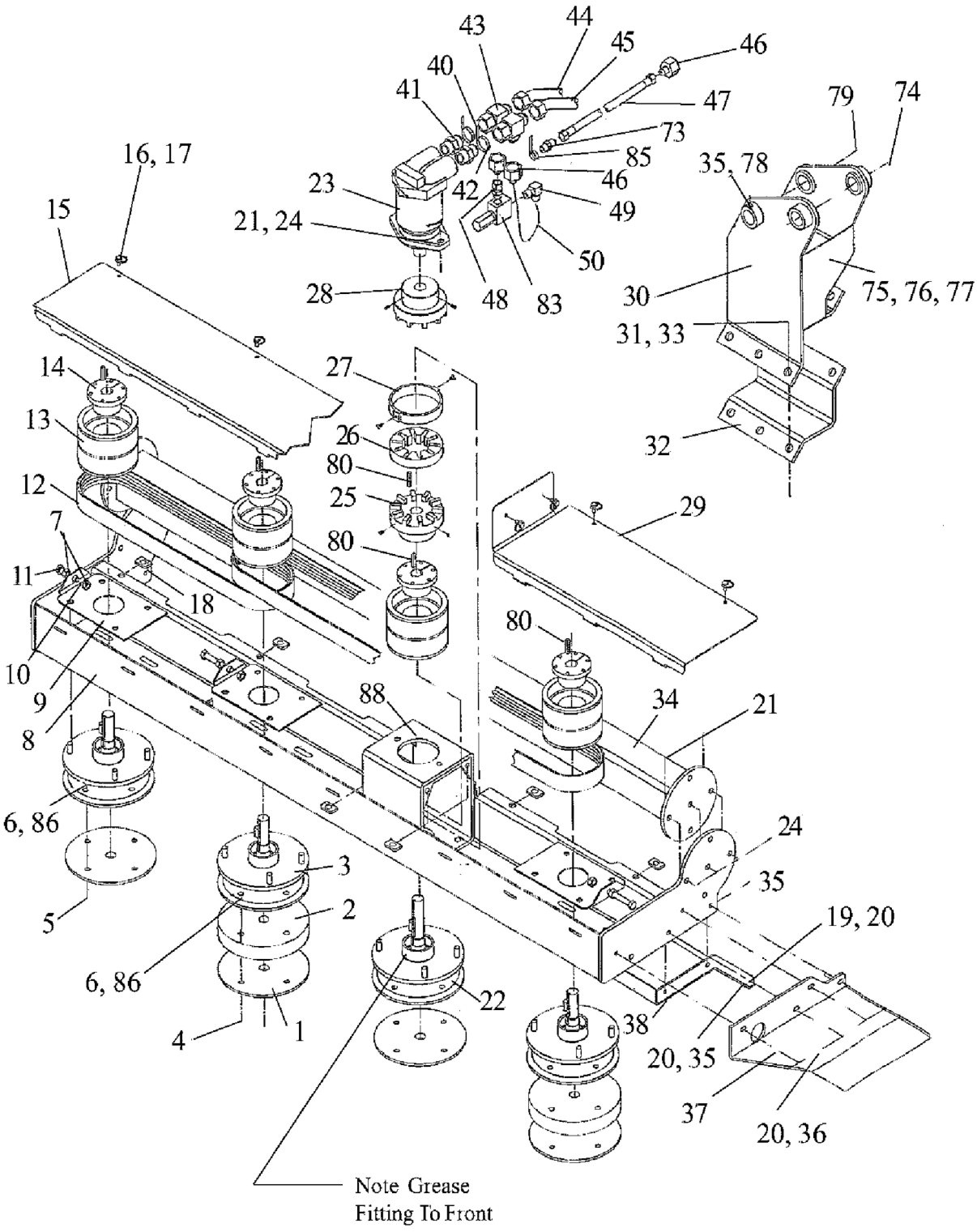
BUZZ BAR ASY - 69 IN HEAD - PN 02979249 (PART 3)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
82	02975928	1	INSERT SHEET BUZZBAR MACHETE
83	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
84	02919600	2	CAP-NUT #4FJ
85	02968895	1	PLASTIC TIE BLUE 11LG
86	40010000	12	PIN, COTTER 1/8 X1
87	63000500	12	WASHER, FLAT, PLATED
88	02979262	1	MACHINED TUBE, MOTOR MOUNT
89	02979546	1	DECAL, ALAMO IND. GREEN &BLACK

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BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 1)



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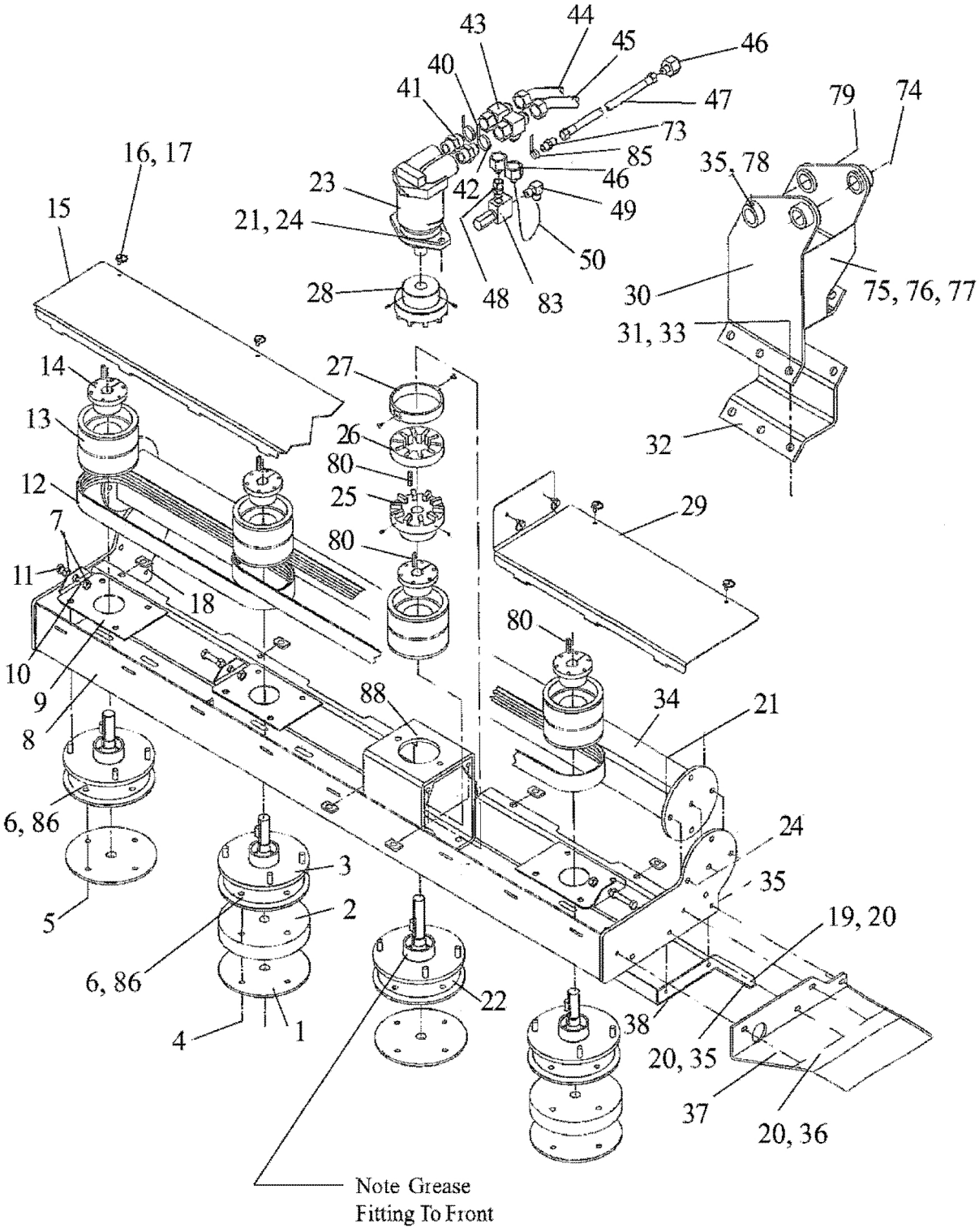
BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02974203	1	SAW HEAD ASY, 90 IN. (4 BLADE)
1	02974237	4	END CAP
2	02974238	2	BLADE SPACER
3	02974235	3	SPINDLE HUB ASY.
4	02974659	8	BOLT, SOCKET HEAD COUNTERSUNK 1/2"-NC X 3-1/2" W/HOLE
5	02974658	8	BOLT, SOCKET HEAD COUNTERSUNK 1/2"-NC X 2" W/HOLE
6	02976017	16	SLOTTED NUT, 1/2"-NC PLB
7	00001200	6	HEX NUT, 1/2"-NC PL
8	02979295	1	SAW BODY WELDMENT, 4 BLADE
9	02974225	3	TENSION ADJUSTMENT BRACKET
10	00750614	16	CONE LUG NUT, 1/2"-20NF - 90 DEG.PL
11	002521	3	BOLT, HEX HEAD 1/2"-NC X 3-1/2" PL GR5
12	02974241	3	BELT, POLY-V
13	02974239	4	SHEAVE, PULLEY
14	02974240	4	BUSHING, QD
15	02979297	1	SHEET, BELT COVER, LEFT 4 BLADE
16	02975441	9	STUD, QUICK RELEASE W/RING
17	02975440	9	RETAINER F/ QUICK RELEASE
18	02975439	9	RECEIVER F/ QUICK RELEASE
19	00011400	1	BOLT, HEX HEAD 3/8"-NC X 1" PL GR5
20	00011100	10	FLATWASHER, 3/8" PL STD
21	00001800	6	LOCKNUT, 1/2"-NC PLB
22	02978249	1	DRIVE SPINDLE ASY
23	8301295	1	MOTOR, PISTON - 2.48 CU.IN./REV
24	00749130	8	BOLT, HEX HEAD 1/2"-13NC X 1-3/4" PL GR5
25	02978267	1	HUB, 1-1/8" BORE 1/4" KEY
26	02978268	1	INSERT, URETHANE
27	02978269	1	COVER, PROTECTIVE NYLON
28	02978270	1	HUB, 1-1/8" BORE 5/16" KEY
29	02979296	1	SHEET, BELT COVER SHORT
30	02976149	1	HITCH POST WELDMENT
31	00037200	6	LOCKNUT, 3/4"-NC PLC
32	02970324	1	HITCH POST CLAMP PLATE
33	02918600	6	BOLT, HEX HEAD 3/4"-10NC X 2" PL GR8
34	02974215	1	HITCH TUBE WELDMENT, 4 BLADE
35	00015800	9	LOCKNUT, 3/8"-NC PLB
36	00023100	8	BOLT, HEX HEAD 3/8"-16NC X 1-1/2" PL GR5
37	02974207	1	BUMPER
38	02974212	1	SHIELD WELDMENT, REAR 4 BLADE
39	02975600	1	SAW BLADE SET, SET OF 2 BLADES
40	02968894	1	PLASTIC TIE, 11" LG

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BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 2)



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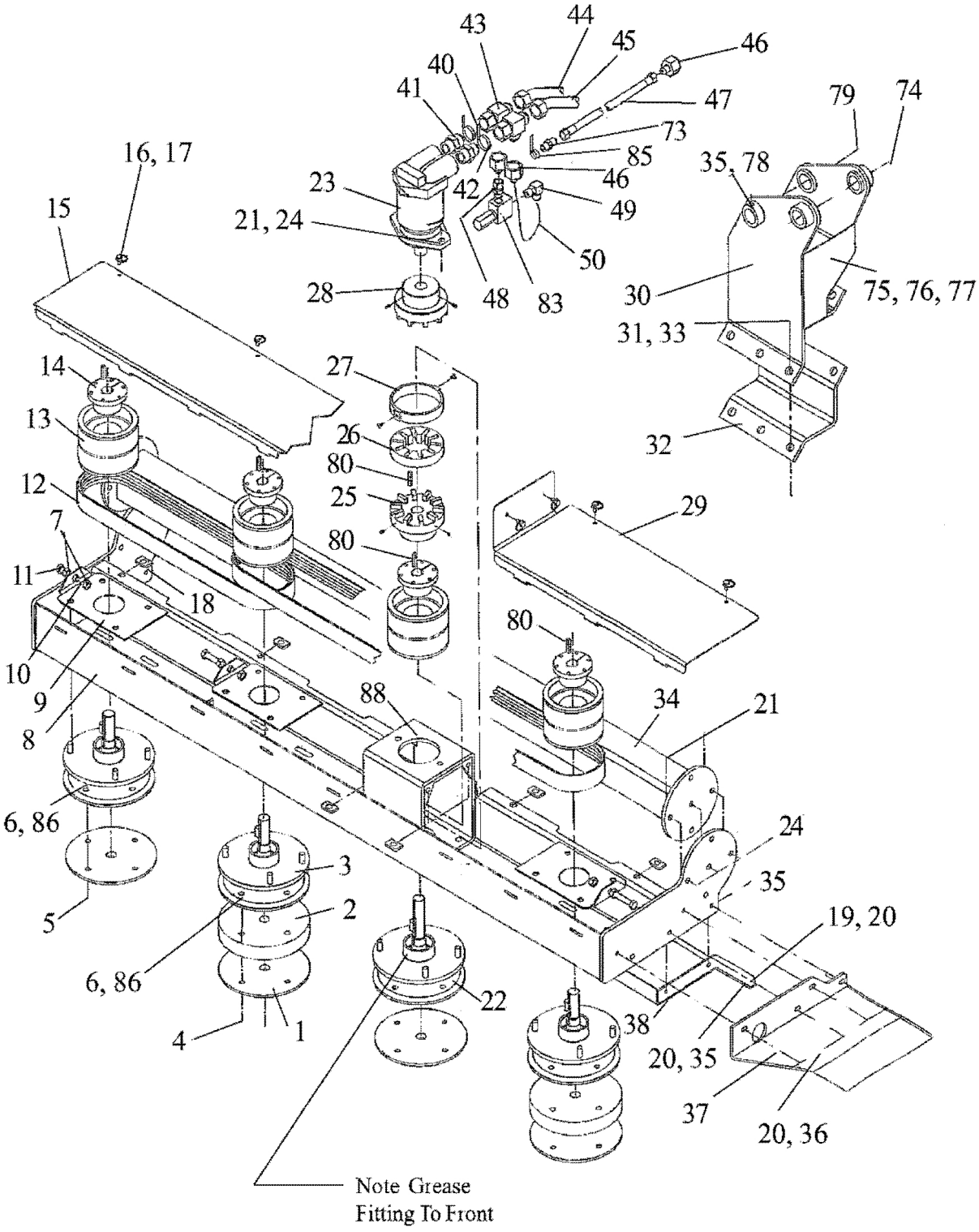
BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
41	02957622	2	ADP HYD STGHT 16MB-16MJ
42	02968896	1	PLASTIC TIE ORANGE 11LG
43	02970466	2	ADP HYD TEE 16FJX-16MJ-16MJ
44	02975437	1	HOSE #16-16FJX -16FJX45- 74LG
45	02969678	1	HOSE #16-16FJX -16FJX45- 74LG
46	02969464	3	ADP HYD STGHT 16FJ-8MJ
47	02972981	1	HOSE #8 - 8FJX - 8FJX - 80LG
48	02975438	1	ADP HYD STGHT 8MB - 8FJX
49	02962213	1	ADP HYD ELBOW 8MB - 8MJ 90°
50	02158800	1	HOSE #8 - 8FJX - 8FJX - 17LG
51	00758194	1	DECAL,WARNING BELT SHIELD
52	00769736	1	DECAL,USE/REPAIR GUARDS
53	00769737	1	DECAL-BLADES THROWN OBJECTS
54	02925100	1	DECAL-REPLACEMENT PARTS
55	02958241	1	DECAL-TRACTOR OPERATOR SAFETY
56	02962764	1	DECAL - PINCH POINTS
57	00756004	1	DECAL-SHIELD MISSING
58	02965262	1	DECAL- WARNING HOSE BURST
59	02967827	1	DECAL, MULTI-HAZARD
60	00757139	2	DECAL, ALAMO INDUSTRIAL
61	02974998	1	DECAL BUZZBAR
62	D138	1	DECAL,CW BLADE ROTATION
63	02975158	1	DECAL HEAR PROTECTION REQD
64	02975170	1	DECAL ROTATING BLADES
65	02975515	1	DECAL WARNING DISCONNECT
66	02975516	1	DECAL NO HITCH POST HERE
67	02975514	1	DECAL PITCH ADJUSTMENT
68	02975513	1	PLATE SERIAL NUMBER BB90
69	3710151	4	METAL TACK
70	02979546	1	DECAL, ALAMO IND. GREEN &BLACK
71	1458392	1	DECAL,RED REFLECTOR
72	1458393	1	DECAL,YELLOW REFLECTOR
73	00696800	1	ADP HYD STGHT 8MB-8MJ
74	02971720	1	WELDMENT, PIN - 11-1/2LG
75	02971702	1	FLATWASHER 1-3/8 TYPE B NARROW
76	02971701	1	NUT SLOT 1-3/8 12NF PLB
77	165020	1	PIN, COTTER 5/16 X 2-1/2 PL
78	02970595	1	HHCS 3/8 NC 2-3/4 PL8
79	02971756	1	PIN, 1-1/2 X 9 CHROME
80	02669600	5	KEY 1/4 SQ KEY 1 1/4 LG.
81	02961134	1	DECAL- PATENT PENDING

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BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 3)



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

BUZZ BAR ASY - 90 IN HEAD - PN 02974203 (PART 3)

Continued...

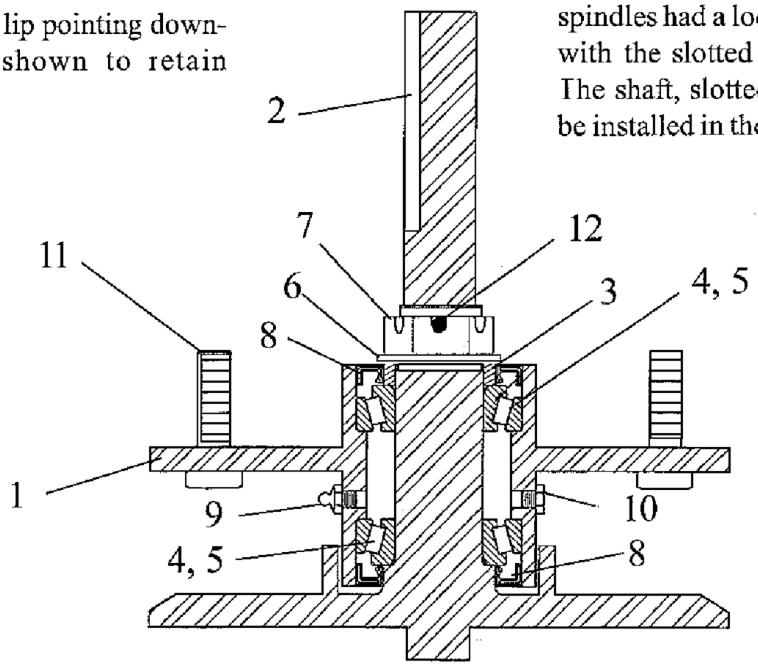
ITEM	PART NO.	QTY.	DESCRIPTION
82	02975928	1	INSERT SHEET BUZZBAR MACHETE
83	02975964	1	ASY RELIEF MANIFOLD 2900 PSI
84	02919600	2	CAP-NUT #4FJ
85	02968895	1	PLASTIC TIE BLUE 11LG
86	40010000	16	PIN, COTTER 1/8 X1
87	63000500	16	WASHER, FLAT, PLATED
88	02979262	1	MACHINED TUBE, MOTOR MOUNT
89	02979546	1	DECAL, ALAMO IND. GREEN &BLACK

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BUZZ BAR SPINDLE ASY - SN BB-01219

Note: Install top seal (item 8) before installing bearing collar (item 3). Seal must be installed with inner lip pointing downward as shown to retain grease.

Note: Drive spindle and non-drive spindles are the same except for the shaft. These spindles were used from S/N BB90-01219 and up. The older spindles had a locking tab nut which was replaced with the slotted nut and cotter pin shown here. The shaft, slotted nut, cotter pin and washer can be installed in the older spindles.

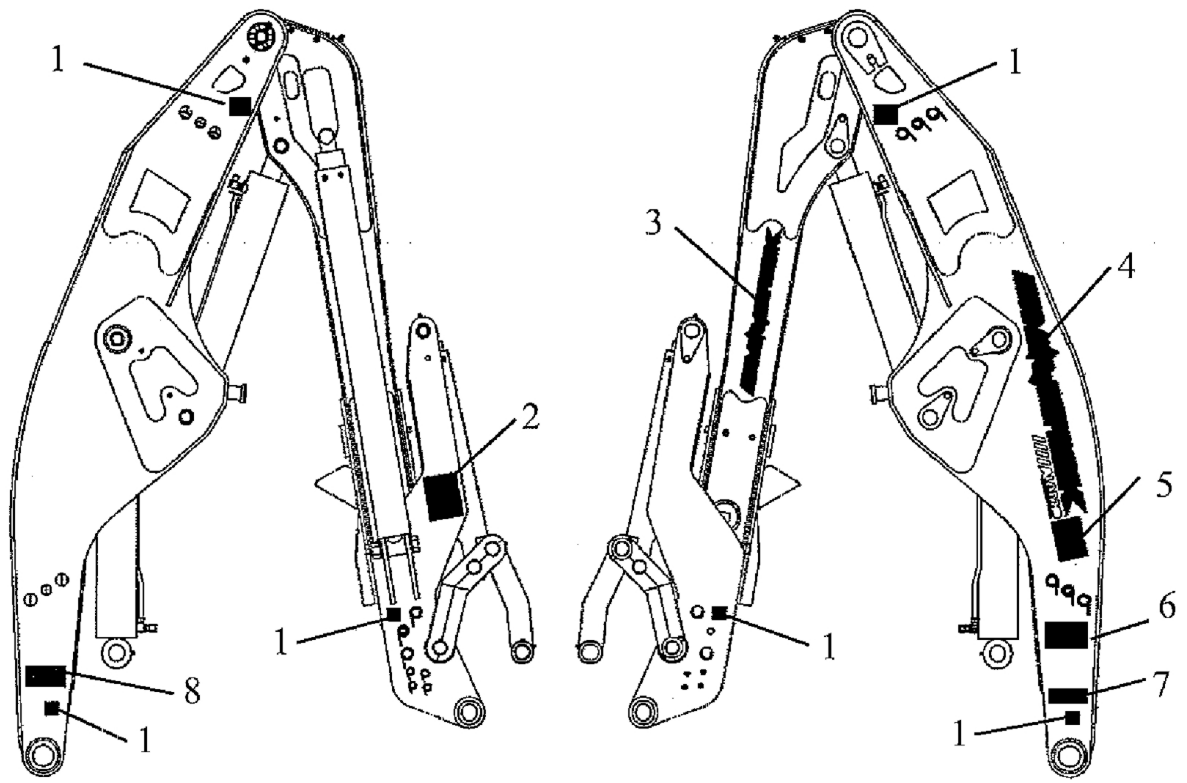


ITEM	PART NO.	QTY.	DESCRIPTION
	02978249	1	SPINDLE ASY, DRIVE SPINDLE (SHOWN)
	02974235	1	SPINDLE ASY, NON-DRIVE (NOT SHOWN)
1	02974224	1	SPINDLE HOUSING, MACHINED
2	02978472	1	SPINDLE SHAFT, NON-DRIVE SPINDLE
	02978257	1	SPINDLE SHAFT, DRIVE SPINDLE
3	02974234	1	COLLAR, BEARING PRELOAD
4	70044	2	BEARING CUP, UPPER OR LOWER
5	5312314	2	BEARING CONE, UPPER OR LOWER
6	15C2000	1	WASHER, 1-1/4" HARDEND
7	5D20120	1	SLOTTED HEX NUT, 1-1/4"-12NF PL
8	00766549	2	SEAL, UPPER OR LOWER
9	00003500	1	GREASE FITTING, 1/8" STRAIGHT
10	02959018	1	GREASE RELIEF FITTING, 1-5LBS
11	00752177	4	STUD BOLT, 1/2"-20NF X 1-7/8"
12	00606000	1	COTTER PIN, 3/16" X 2"

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

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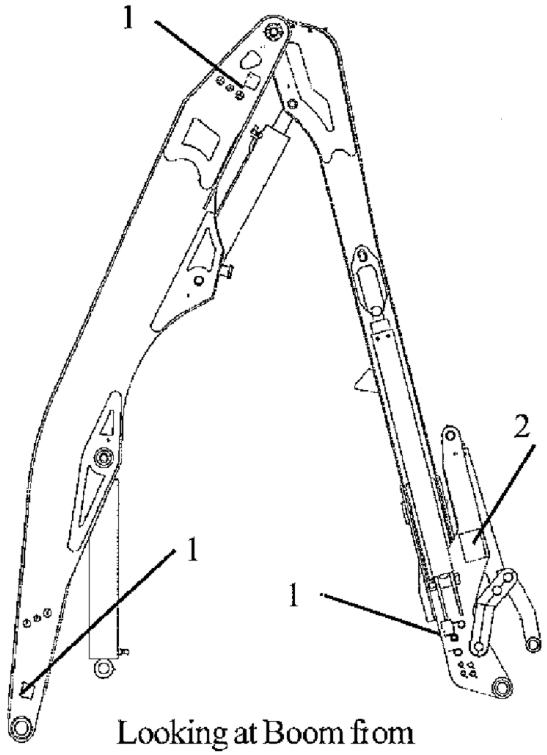
DECALS - 24 FT BOOM



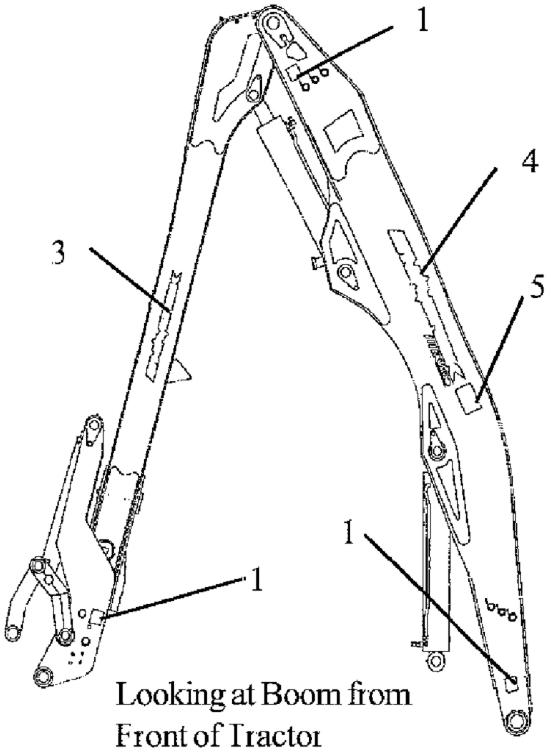
ITEM	PART NO.	QTY.	DESCRIPTION
1	02962764	6	DECAL, PINCH POINTS
2	02981987	1	DECAL, HOSE CONNECTION - MAVERICK
3	02981815	1	DECAL, NAME LOGO - MAVERICK
4	02981816	1	DECAL, LOGO - MAVERICK
5	02981817	1	DECAL, 24 FT LOGO - MAVERICK
6	02965262	1	DECAL, WARNING - HOSE BURST
7	02962765	1	DECAL, MULTI-HAZARD
8	----NFS----	1	S/N PLATE - MAVERICK (NOT FURNISHED)

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DECALS - 30 FT BOOM



Looking at Boom from Rear of Tractor

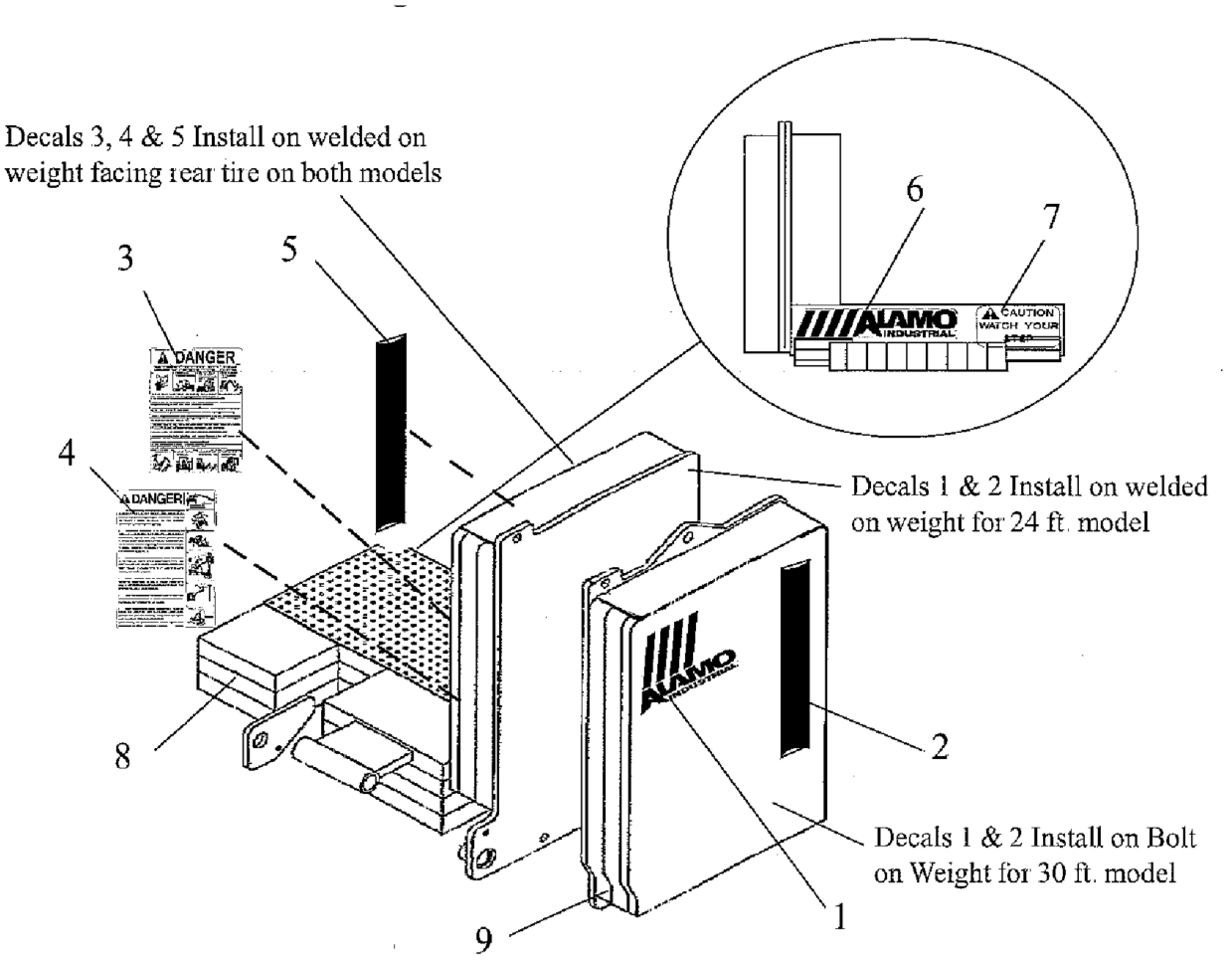


Looking at Boom from Front of Tractor

ITEM	PART NO.	QTY.	DESCRIPTION
1	02962764	6	DECAL, PINCH POINTS
2	02981987	1	DECAL, HOSE CONNECTION - MAVERICK
3	02981815	1	DECAL, NAME LOGO - MAVERICK
4	02981816	1	DECAL, LOGO - MAVERICK
5	02981818	1	DECAL, 30 FT LOGO - MAVERICK
6	02965262	1	DECAL, WARNING - HOSE BURST
7	02962765	1	DECAL, MULTI-HAZARD
8	----NFS----	1	S/N PLATE - MAVERICK (NOT FURNISHED)

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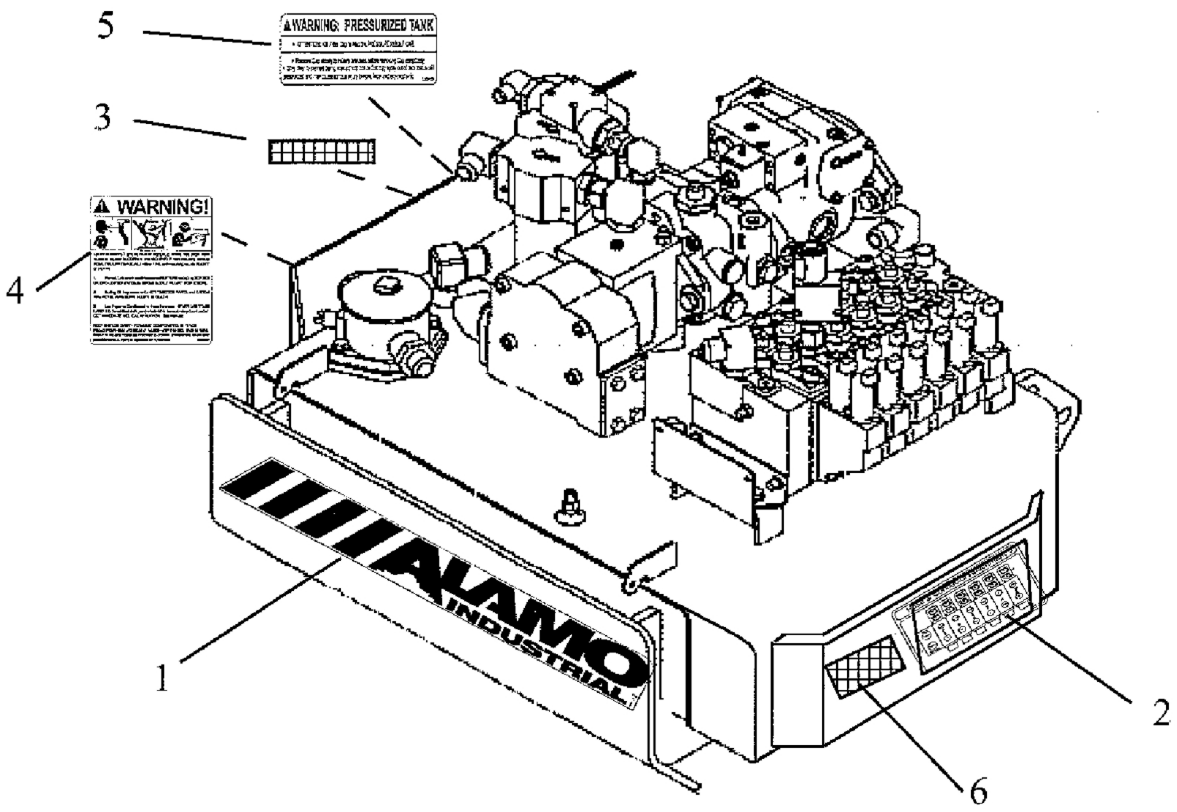
DECALS - COUNTER WEIGHT



ITEM	PART NO.	QTY.	DESCRIPTION
1	002508	1	DECAL, ALAMO LOGO (SQUARE)
2	1458393	1	DECAL, REFLECTOR - YELLOW
3	02967827	1	DECAL, MULTI-DANGER
4	02958241	1	DECAL, TRACTOR OPERATOR SAFETY
5	1458392	1	DECAL, REFLECTOR - RED
6	02971943	1	DECAL, ALAMO INDUSTRIAL - YELLOW
7	03200285	1	DECAL, WATCH YOUR STEP
8	02981421	1	COUNTER WEIGHT WELDMENT F/ 24 & 30 FT. MODELS
9	02981422	1	COUNTER WEIGHT ADD FOR 30 FT MODELS

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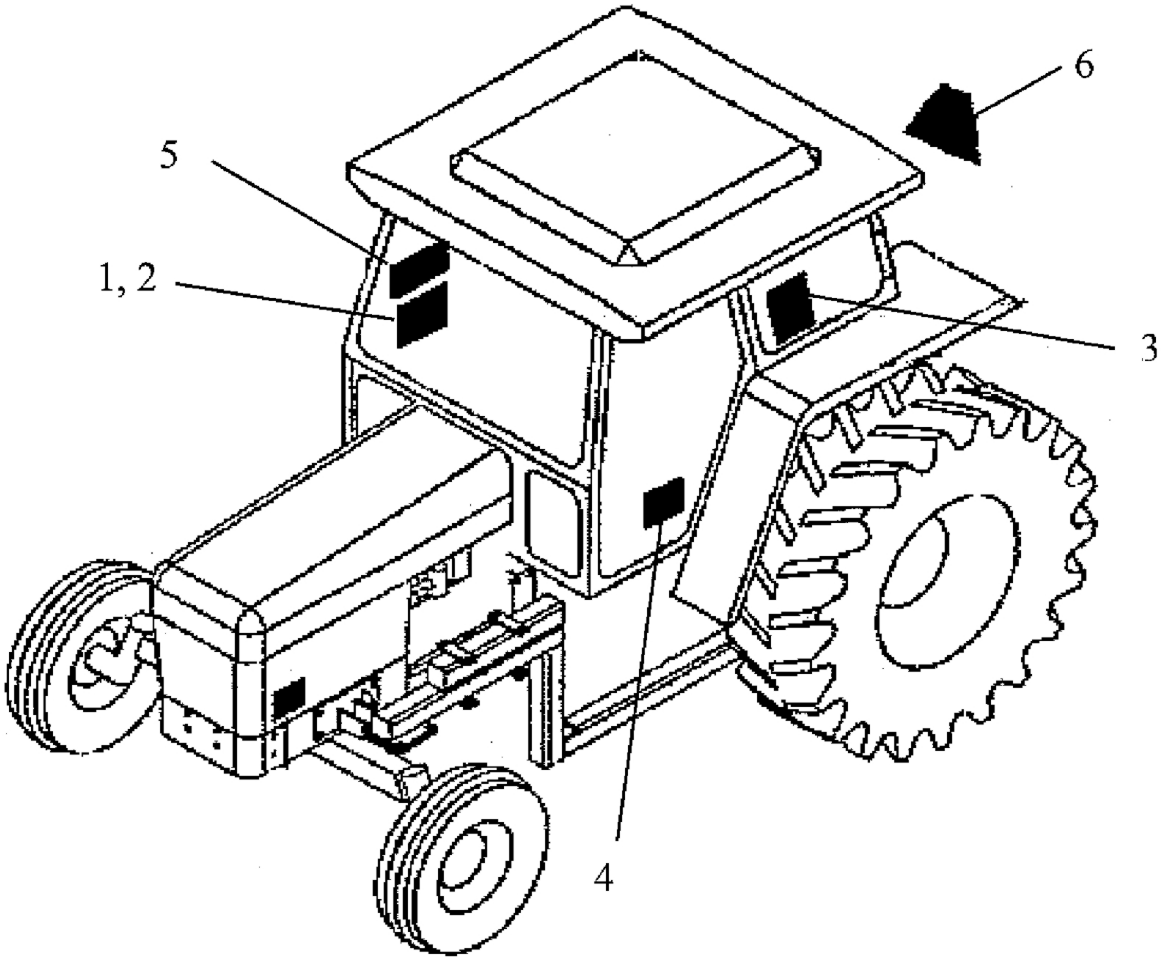
DECALS - HYD TANK



ITEM	PART NO.	QTY.	DESCRIPTION
1	02971943	1	DECAL, ALAMO INDUSTRIAL - YELLOW
2	02981986	1	DECAL, INSTRUCTION HOSE & ELECTRICAL
3	02982828	1	DECAL, OIL HYD TEMPERATURE RANGE
4	02965262	1	DECAL, WARNING HOSE BURST
5	02971123	1	DECAL, WARNING PRESSURIZED TANK
6	02982583	1	DECAL, WARNING - DO NOT WELD - ELECTRICAL CIRCUIT DAMAGE

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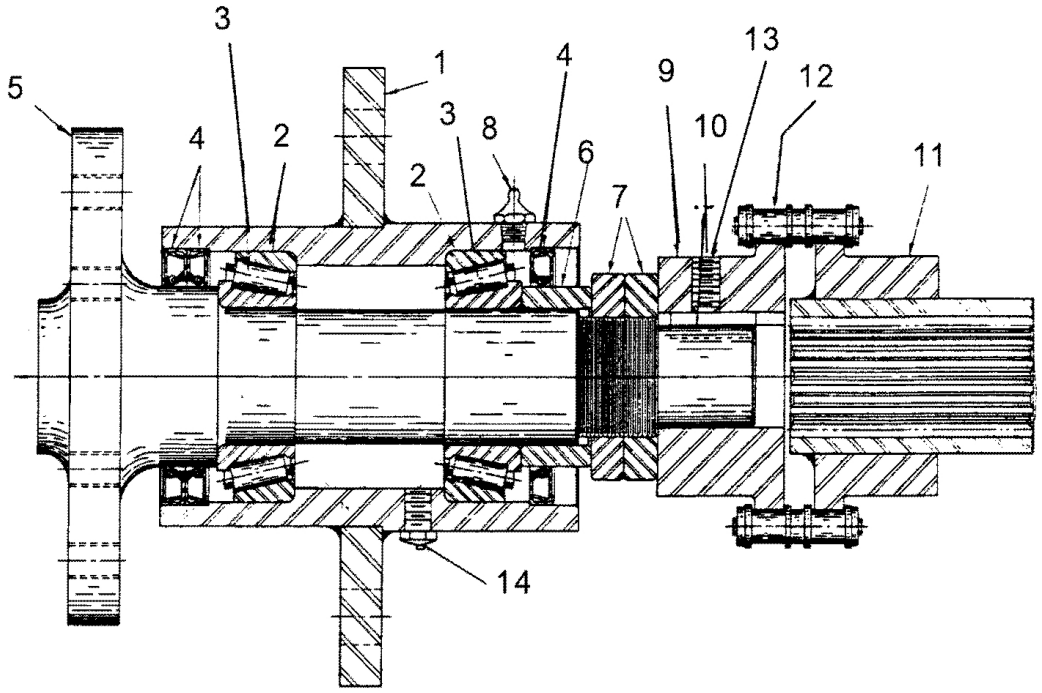
DECALS - TRACTOR CAB



ITEM	PART NO.	QTY.	DESCRIPTION
1	02967827	1	DECAL, MULTI-HAZARD
2	002369	1	DECAL, DANGER MULTI-HAZARD
3	02958241	1	DECAL, TRACTOR OPERATOR SAFETY
4	03200285	1	DECAL, WATCH YOUR STEP
5	02965093	1	DECAL, PROPER ENGINE OPERATING
6	03200347	1	EMBLEM, SLOW MOVING VEHICLE

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DITCHER - SPINDLE ASY



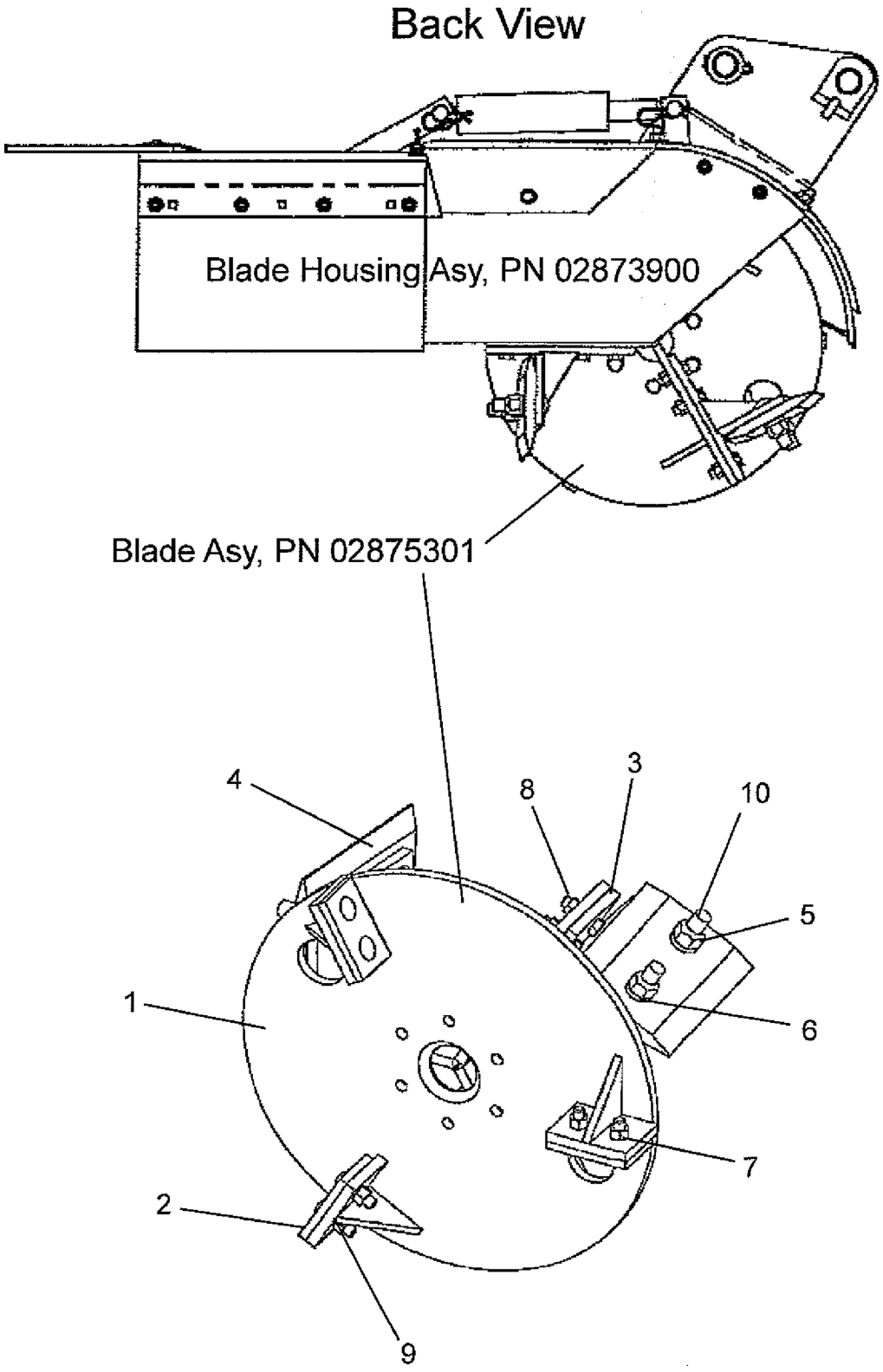
ITEM	PART NO.	QTY.	DESCRIPTION
	02973336	1	SPINDLE ASY (ITEMS 1 THRU 14)
1	02883700	1	SPINDLE HSG, W/ BRG CUPS & GREASE FITTING
2	02708100	2	BEARING CUP
3	02907700	2	BEARING CONE
4	02707600	3	SEAL
5	02872701	1	SPINDLE SHAFT
6	02873200	1	SPACER
7	02870900	1	NUT
8	00003500	1	GREASE FITTING
9	02873301	1	COUPLING HALF, SPINDLE
10	02959017	1	KEY
11	02973318	1	COUPLING HALF, MOTOR
12	02873800	1	CHAIN COUPLING
13	02959014	1	SETSCREW
14	02959018	1	RELIEF FITTING

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DITCHER BLADE HEAD ASY - ROUGH CUT



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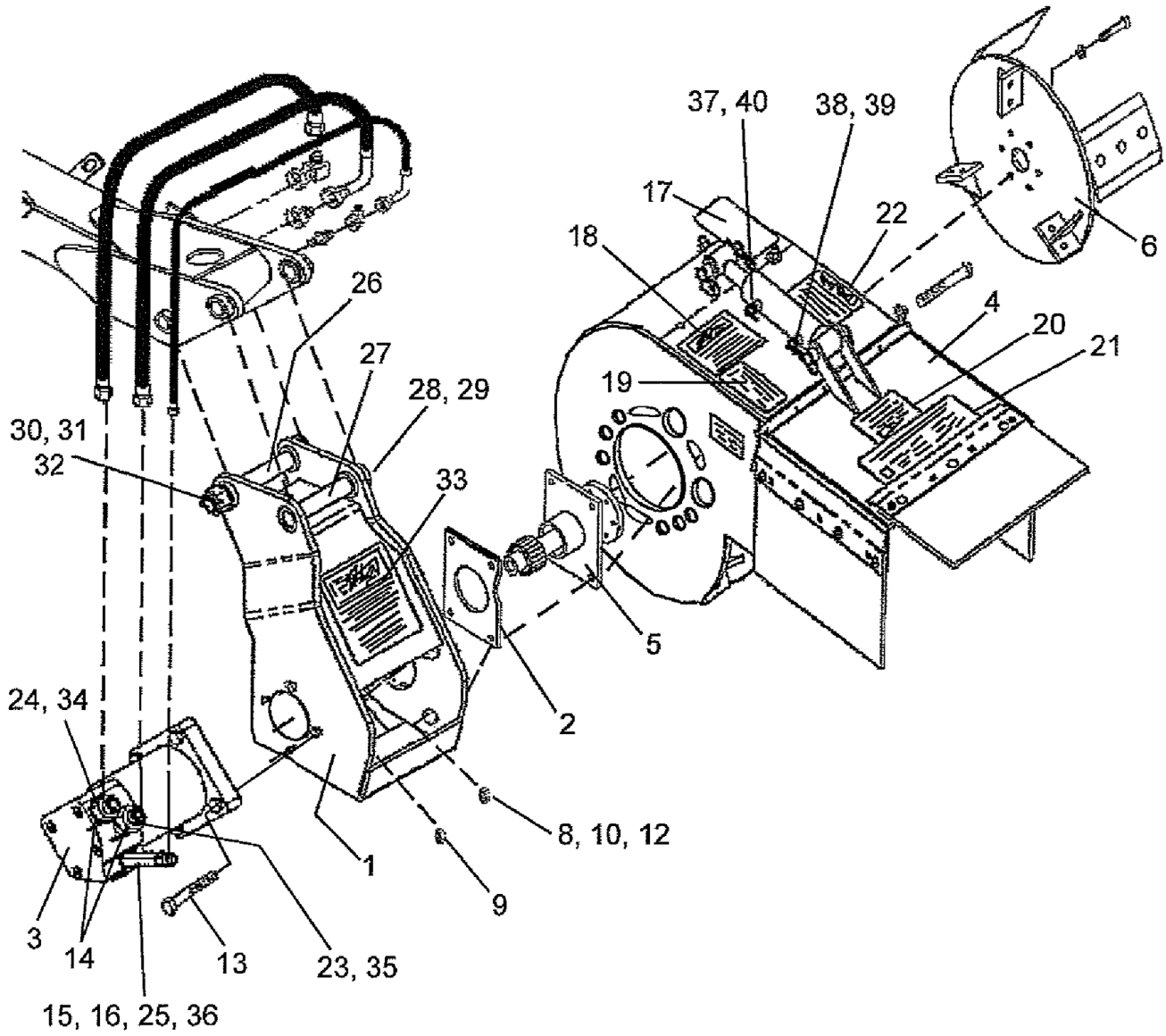
DITCHER BLADE HEAD ASY - ROUGH CUT

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02875301	1	BLADE, HEAD ASY - ROUGH CUT
1	02875400	1	BLADE HEAD WLD'MT
2	02875900	3	WEAR PLATE
3	02958680	3	WLD'MT, MOUNT BRKT-ROUGH CUT BL
4	02958675	3	BLADE - ROUGH CUT, DITCHER
5	00037200	6	LOCKNUT 3/4-NC GRC PL
6	00003901	6	LOCKWASHER 3/4 PL HEAVY
7	00001800	18	LOCKNUT, 1/2 NC PLB
8	02891800	12	HEX HEAD BOLT, 1/2 NC 1-3/4 PL8
9	02886900	6	CARB, 1/2-13UNC 1-1/2 PL5
10	02958684	6	CARB, 3/4 NC 2-1/2 PL5

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DITCHER HEAD ASY



ITEM	PART NO.	QTY.	DESCRIPTION
	02982531	1	DITCHER ASY - DIPPER STYLE MOUNT
1	02984420	1	BOOM MOUNT DITCHER HITCHPOST MACHINED
2	02973583	1	PLATE SPACER ON DITCHER
3	02977703	1	MOTOR GEROLER, 7.95 CID
	02983465	1	SEAL KIT, REAR (F/ 02977703 MTR ONLY)
	02983466	1	SEAL KIT, SHAFT (F/ 02977703 MTR ONLY)
	02983467	1	SHAFT ASY, 1 1/4-14T (F/ 02977703 ONLY)
4	02873900	1	BLADE HOUSING ASY
5	02973336	1	SPINDLE ASY
6	02875301	1	BLADE HEAD ASY (ROUGH CUT)

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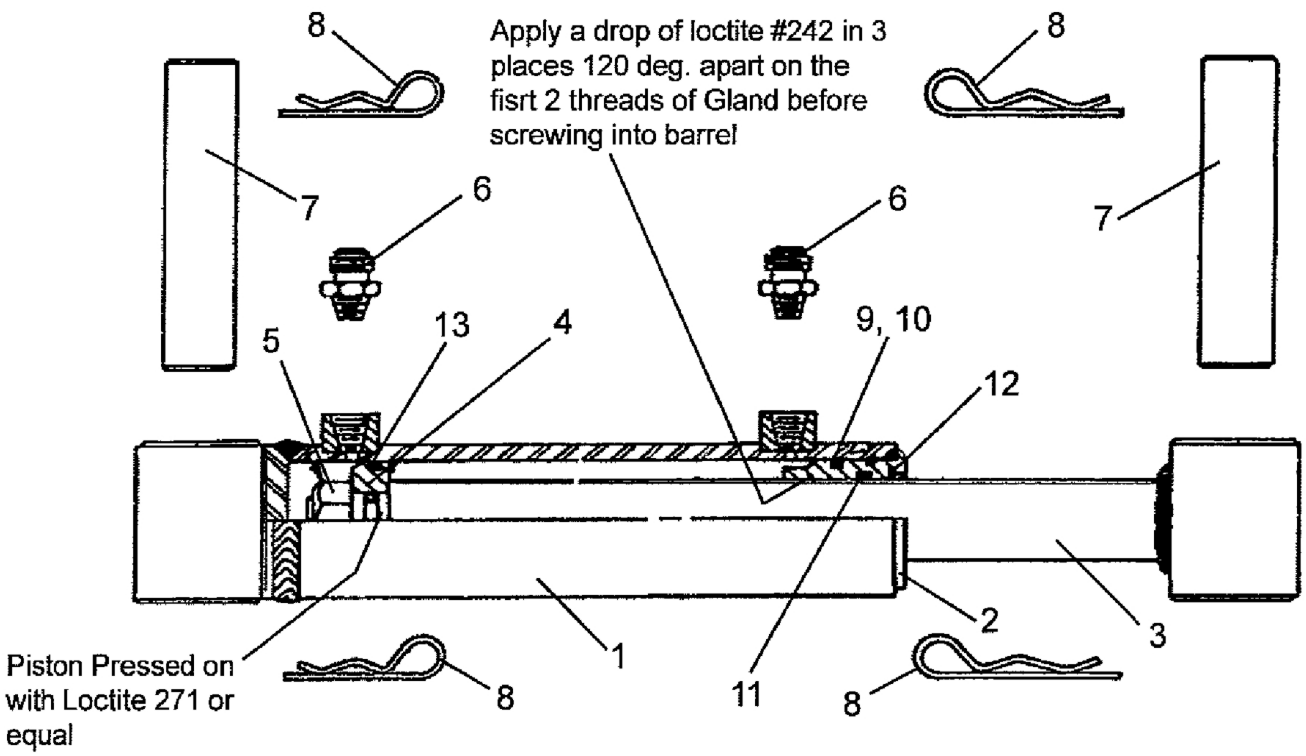
DITCHER HEAD ASY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
7	00001300	6	LOCKWASHER
8	00002701	2	FLATWASHER
9	00001800	4	LOCKNUT
10	00037200	4	LOCKNUT
11	02891800	6	HEX HEAD BOLT, 1/2" NC 1-3/4" PL8
12	02881000	4	HEX HEAD BOLT, 3/4" NC 3-1/2" PL5
13	02027400	4	HEX HEAD BOLT, 1/2" NC 2-1/4" PL5
14	02980373	2	ADAPTER HYD STRAIGHT, 10MB - 16MJ
15	02980686	1	RELIEF VALVE INLINE, 160 PSI
16	00770346	1	ADAPTER HYD STRAIGHT
17	00725739	1	DECAL, WARNING SHIELDS & GRDS
18	02965262	1	DECAL, WARNING HOSE BURST
19	02925100	1	DECAL, REPLACEMENT PARTS
20	02960766	1	DECAL, ALAMO INDUSTRIAL LOGO
21	02970888	1	DECAL, BOOM DITCHER
22	999204	1	DECAL, DITCHER
23	02968894	1	PLASTIC TIE, 11"LG
24	02968896	1	PLASTIC TIE, 11"LG
25	02968895	1	PLASTIC TIE, 11"LG
26	02971720	1	PIN WELDMENT, 11-1/2"LG
27	02971756	1	CHROME PIN, 1-1/2" X 9"LG
28	00015800	1	LOCKNUT, 3/8"-NC PLC
29	02970595	1	HEX HEAD BOLT, 3/8" NC 2-3/4" PL8
30	02971701	1	SLOTTED NUT, 1-3/8" 12NF PLB
31	02971702	1	FLATWASHER, 1-3/8 "TYPE B NARROW
32	165020	1	COTTER PIN, 5/16" X 2-1/2" PL
33	02967827	1	DECAL, MULTI HAZ
34	02984539	1	HOSE, # 16 -16FJX -16FJX90 - 68"LG
35	02984538	1	HOSE, # 16 -16FJX -16FJX90 - 60"LG
36	02984540	1	H0SE, # 8 - 8FJX - 8FJX90 - 60"LG
37	02984541	1	HOSE, # 6 - 6FJX - 6FJX90 - 80"LG
38	02984542	1	HOSE, # 6 - 6FJX - 6FJX90 - 88"LG
39	02968837	1	PLASTIC TIE, 4"LG (YELLOW & WHITE)
40	02968836	1	PLASTIC TIE, 4"LG (YELLOW)

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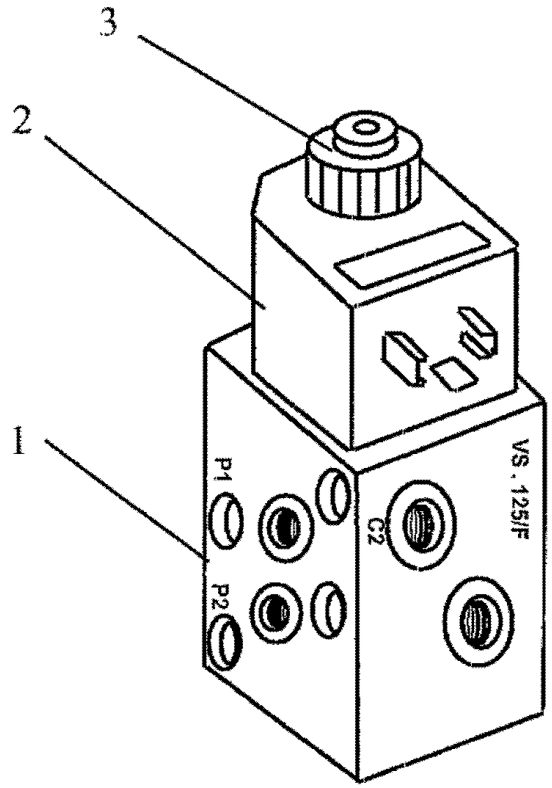
DITCHER HEAD DEFLECTOR CYLINDER



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

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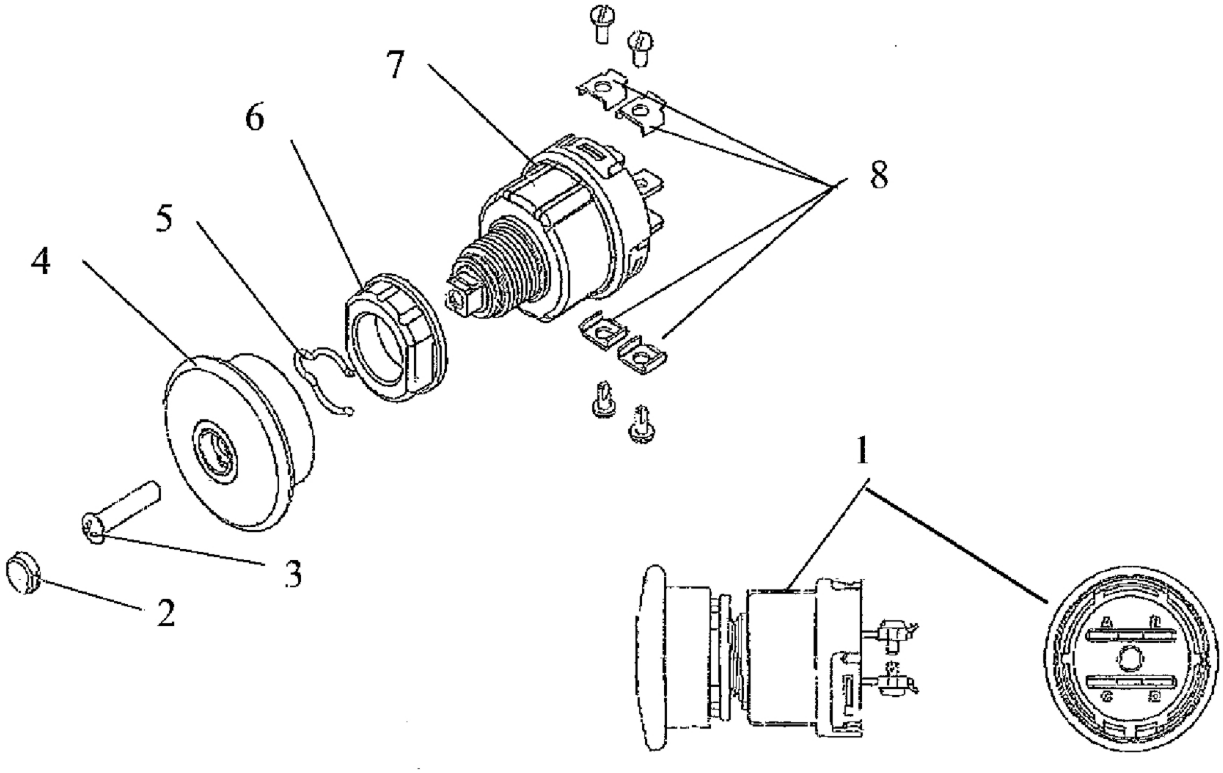
DIVERTER VALVE ASY - PN 02977622



ITEM	PART NO.	QTY.	DESCRIPTION
1	02977622	1	VALVE SOLENOID DIVERTER SOLENOID VALVE ASY
2	----------	1	SOLENOID
3	----------	1	SOLENOID RETAINING KNOB

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EMERGENCY STOP SWITCH - PN 02964028A

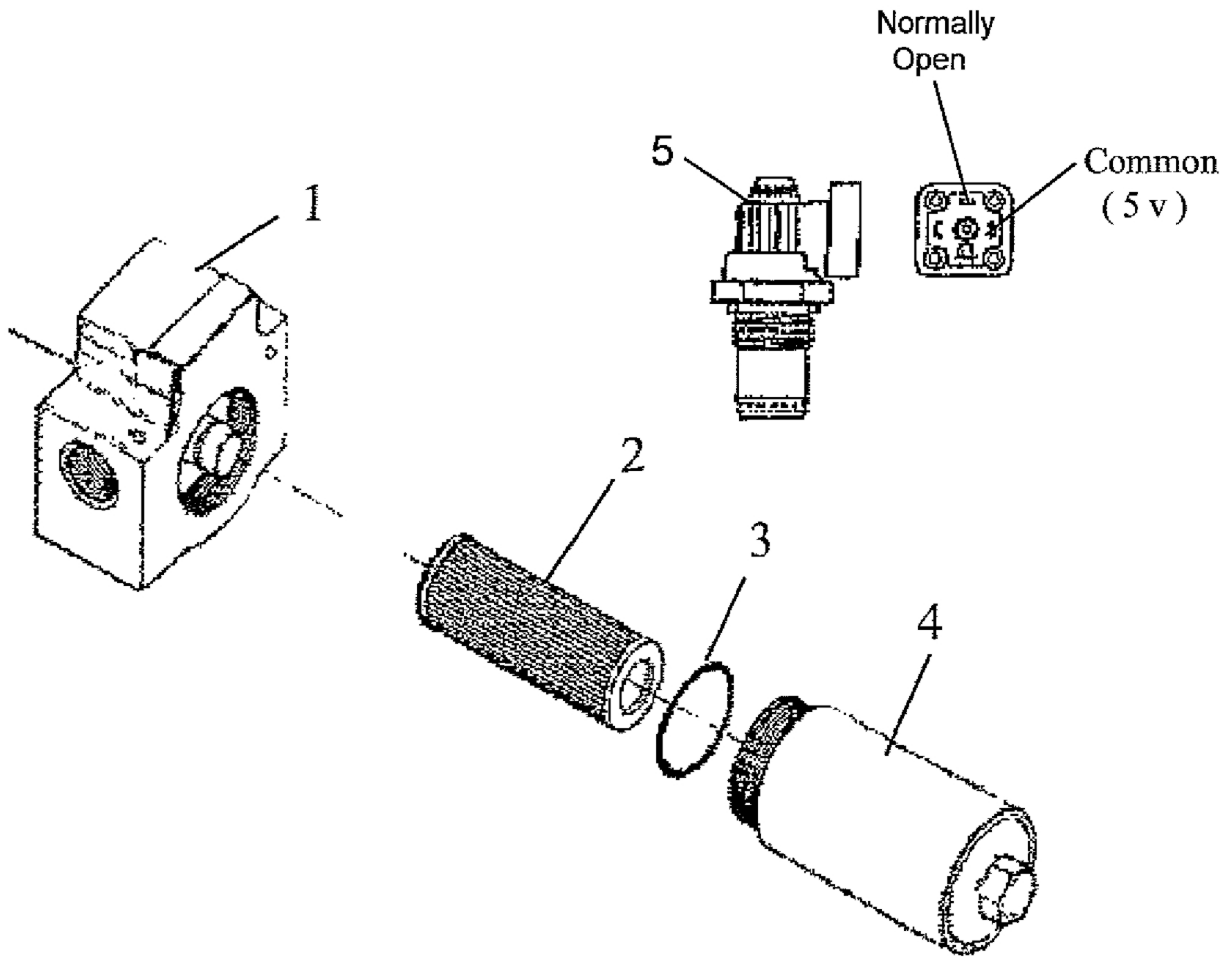


ITEM	PART NO.	QTY.	DESCRIPTION
1	02964028A	1	EMERGENCY STOP SWITCH ASY
2	----------	1	RETAINING SCREW PLUG, RED
3	----------	1	KNOB RETAINING SCREW
4	----------	1	KNOB, RED
5	----------	1	SWITCH DEPTH CONTROL CLIP
6	----------	1	SWITCH MOUNTING NUT
7	----------	1	SWITCH ONLY
8	----------	4	WIRE FASTENERS

NOTE:THE EMERGENCY STOP SWITCH IS AVAILABLE AS AN ASSEMBLY ONLY. PARTS ARE LISTED AS A REFERENCE ONLY AND MAY NOT BE AVAILABLE.

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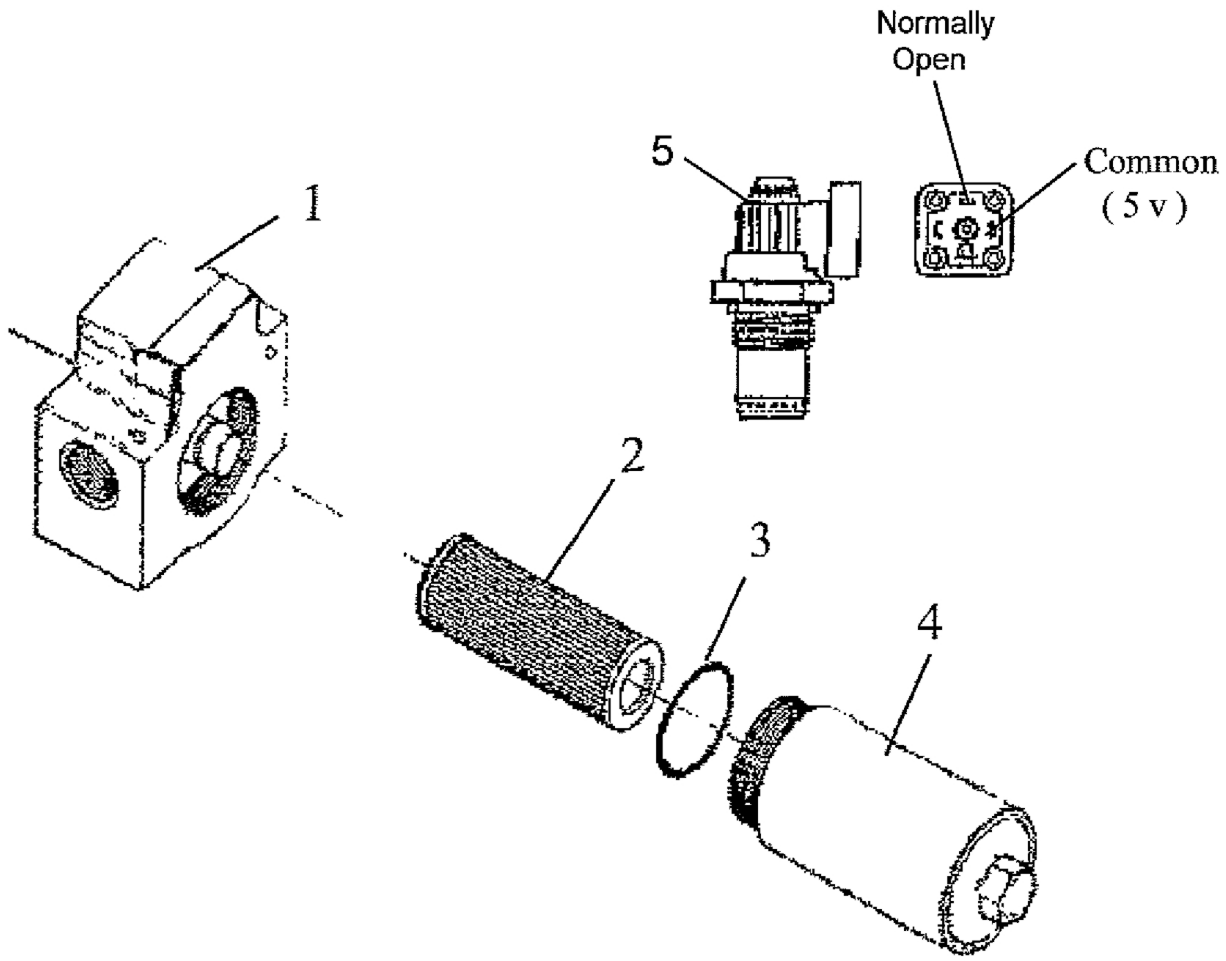
FILTER ASY - PRESSURE - PN 02981371



ITEM	PART NO.	QTY.	DESCRIPTION
1	02964028A	1	EMERGENCY STOP SWITCH ASY
2	----------	1	RETAINING SCREW PLUG, RED
3	----------	1	KNOB RETAINING SCREW
4	----------	1	KNOB, RED
5	----------	1	SWITCH DEPTH CONTROL CLIP
6	----------	1	SWITCH MOUNTING NUT
7	----------	1	SWITCH ONLY
8	----------	4	WIRE FASTENERS

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FILTER ASY - RETURN - PN 02981391



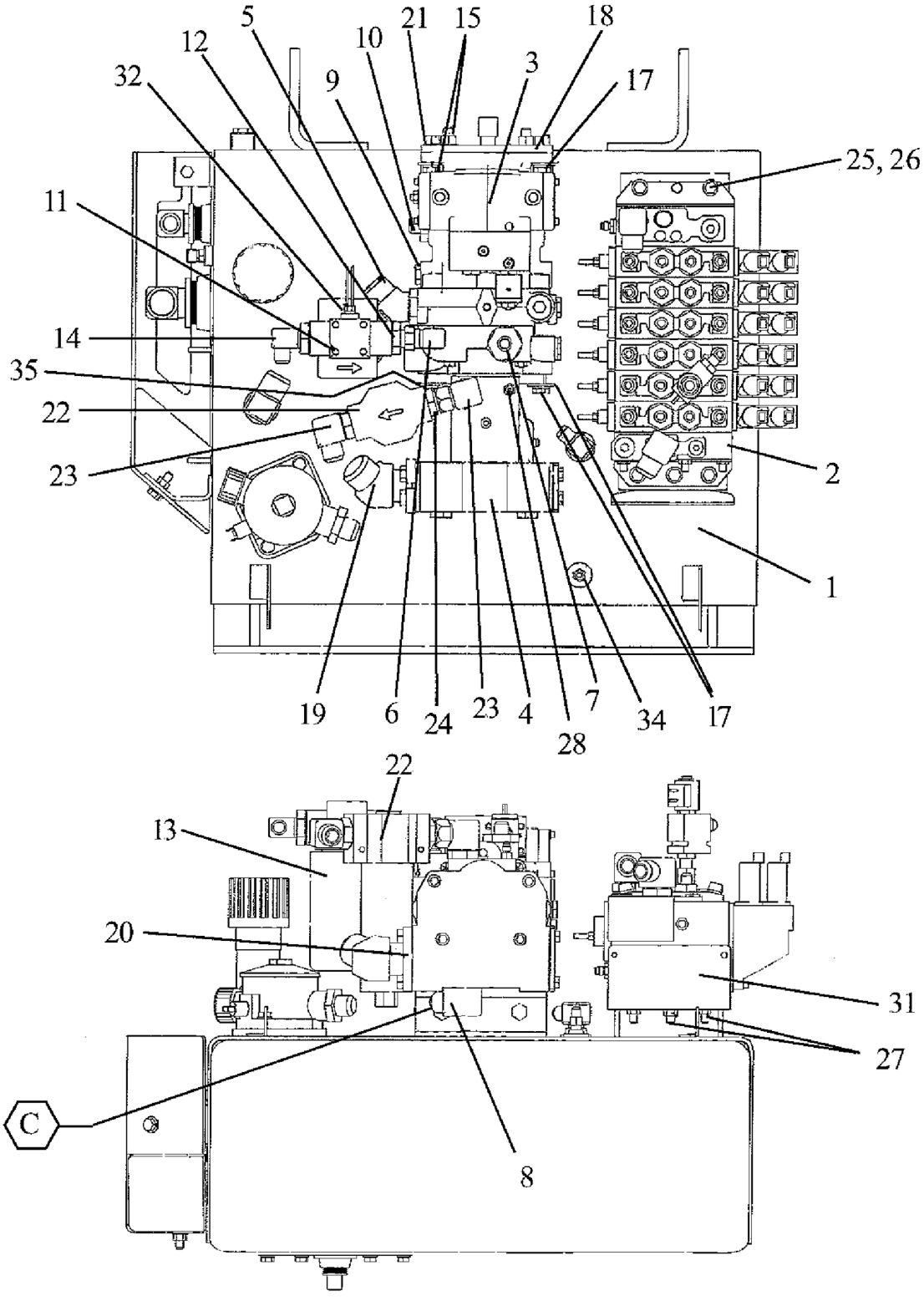
ITEM	PART NO.	QTY.	DESCRIPTION
	02981391	1	FILTER ASY, RETURN (IN TANK)
1	02981713	1	FILTER HEAD
2	02981714	1	COVER, FILTER HEAD
3	02981715	1	SPRING, FILTER HEAD
4	02981716	1	SEAL KIT
5	02981717	1	ELEMENT, REPLACEMENT
6	02981718	1	BOWL
7	02981719	1	GUARD, SPLASH
8	02981720	1	BREATHER
9	02981721	1	COVER, BREATHER
10	02981722	1	SENSOR SWITCH, PRESSURE (SCREWS INTO ITEM 1)

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HYD ASY KIT - PN 02981803



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

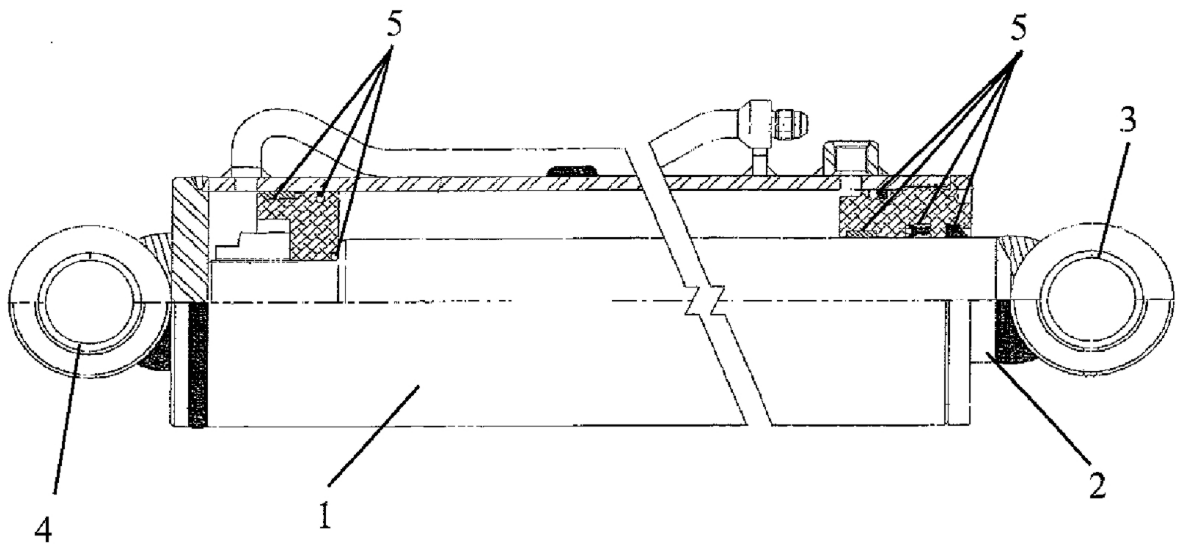
HYD ASY KIT - PN 02981803

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981803	1	HYDRAULIC KIT ASY, 24’ OR 30’ MODEL
1	02981388	1	HYDRAULIC TANK ASY.
2	02981888	1	VALVE & FITTING ASY.
3	02978986	1	PUMP, HYDROSTAT
4	02981369	1	PUMP, LS VARIABLE DISP.
5	02043600	2	ADAPTER HYD, ELBOW 16MB -16MJ -45 DEG.
6	02981435	1	ADAPTER HYD, ELBOW 10MB - 10FJX - 90 DEG.
7	02968167	1	ADAPTER HYD, STRAIGHT 16MB - 8MJ
8	02822700	1	ADAPTER HYD, ELBOW 16MB - 16MJ - 90 DEG.
9	03200587	1	PLUG, HEX HEAD # 8MB
10	63042700	1	ADAPTER HYD, STRAIGHT 12MB - 8MJ
11	02981372	1	FILTER ASY, CHARGE PRESSURE
12	02982347	1	ADAPTER HYD, STRAIGHT 16MB - 10MJ
13	02968923	1	FILTER ELEMENT, REPLACEMENT
14	02972064	1	ADAPTER HYD, ELBOW 16MB - 8MJ - 90`
15	02892000	6	BOLT, HEX HEAD 1/2"-13NC X 1-1/2" PL GR8
16	00001300	4	LOCKWASHER, 1/2" PL STD
17	00759635	4	FLATWASHER, 1/2" HARDENED NON PLTD
18	02981468	1	BRACKET, SHIPPING
19	02981463	1	ADAPTER FLANGE, 1-1/4" X 20MJC - 45 DEG.
20	02981436	1	FLANGE KIT, 1-1/4"
21	00001800	4	LOCKNUT, 1/2"-NC PLB
22	02981371	1	FILTER ASY, MED PRESSURE
23	02090800	2	ADAPTER HYD, ELBOW 12MB - 12MJ - 90 DEG.
24	02964135	1	ADAPTER HYD, STRAIGHT 12MB - 12FJX
25	00753642	5	BOLT, HEX HEAD 3/8"-NC X 1-1/4" ZP GR5
26	00011100	5	FLATWASHER, 3/8" PL STD
27	00015800	5	LOCKNUT, 3/8"-NC PLB
28	02962181	2	ADAPTER, HYD, STRAIGHT 4MB - 4MJ
31	02981704	1	MOUNT MODULE
32	02981373	1	INDICATOR, ELECTRICAL
33	02982469	1	O-RING BETWEEN PUMPS - NOT SHOWN (4" ID X 1/16" W A5568 - 045)
34	02970702	1	ADAPTER, HYD TEE SWIVEL
35	02962181	1	ADAPTER, HYD STRAIGHT

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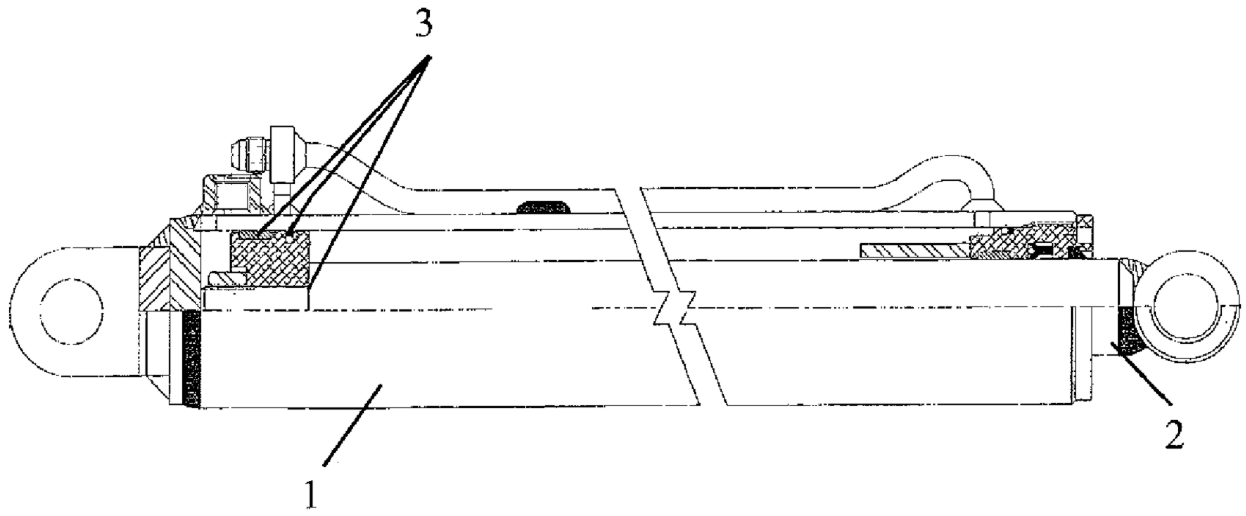
HYD CYL ASY - DIPPER (24-30 FT BOOM) - PN 02981277



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

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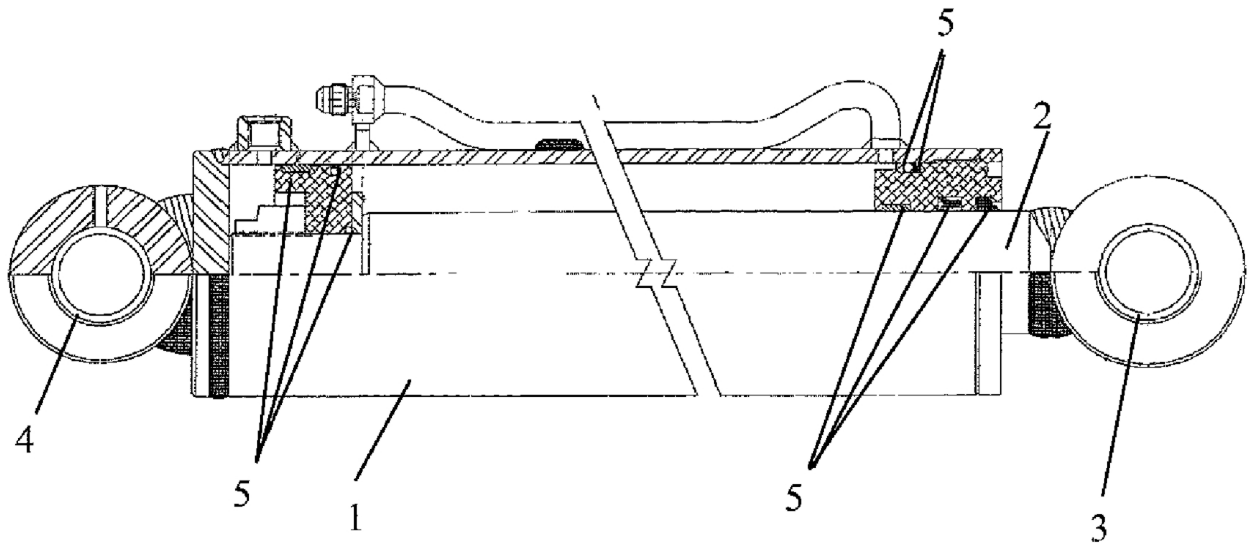
HYD CYL ASY - EXTENSION (24-30 FT BOOM) - PN 02981276



ITEM	PART NO.	QTY.	DESCRIPTION
	02981276	1	HYD CYLINDER ASY, BOOM EXTENSION
1	02981923	1	BARREL WELDMENT
2	02981924	1	ROD ASY
3	02982067	1	SEAL KIT

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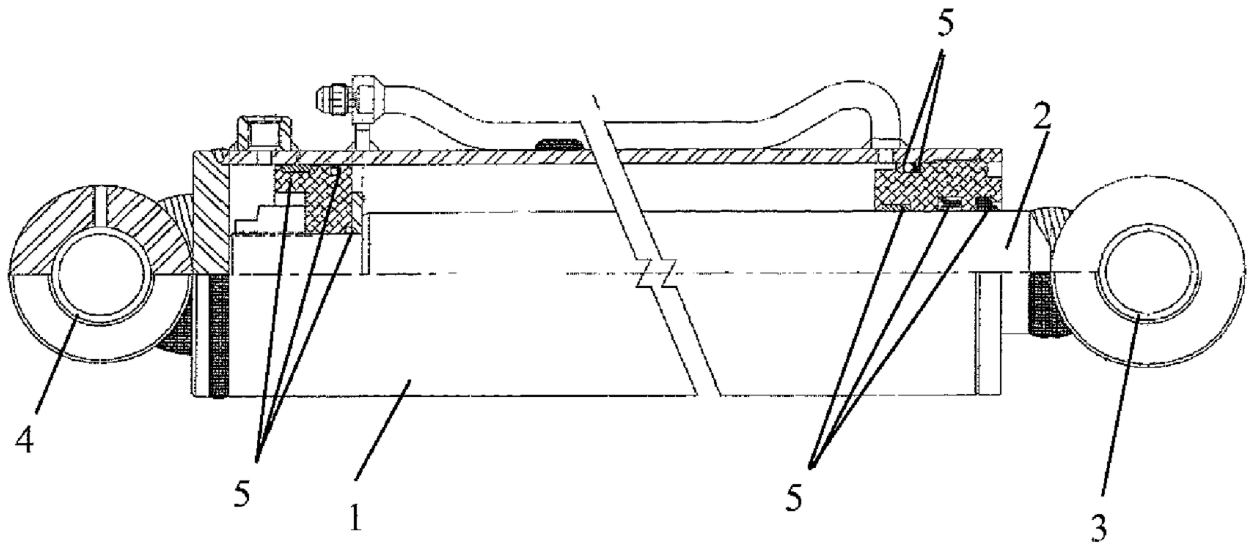
HYD CYL ASY - LIFT (24 FT BOOM) - PN 02981279



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

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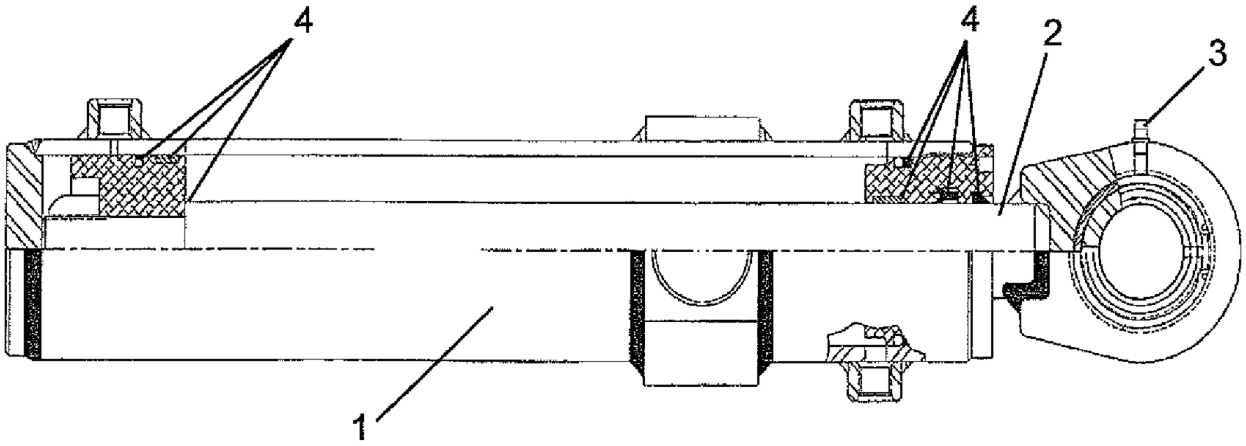
HYD CYL ASY - LIFT (30 FT BOOM) - PN 02981278



ITEM	PART NO.	QTY.	DESCRIPTION
	02981278	1	HYD CYLINDER ASY, LIFT 30 FT. BOOM
1	02981927	1	BARREL WELDMENT
2	02981828	1	ROD ASY
3	02982250	2	BUSHING, ROD END 1-1/2" LONG
4	02982251	2	BUSHING, BASE END 2" LONG
5	02982069	1	SEAL KIT

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

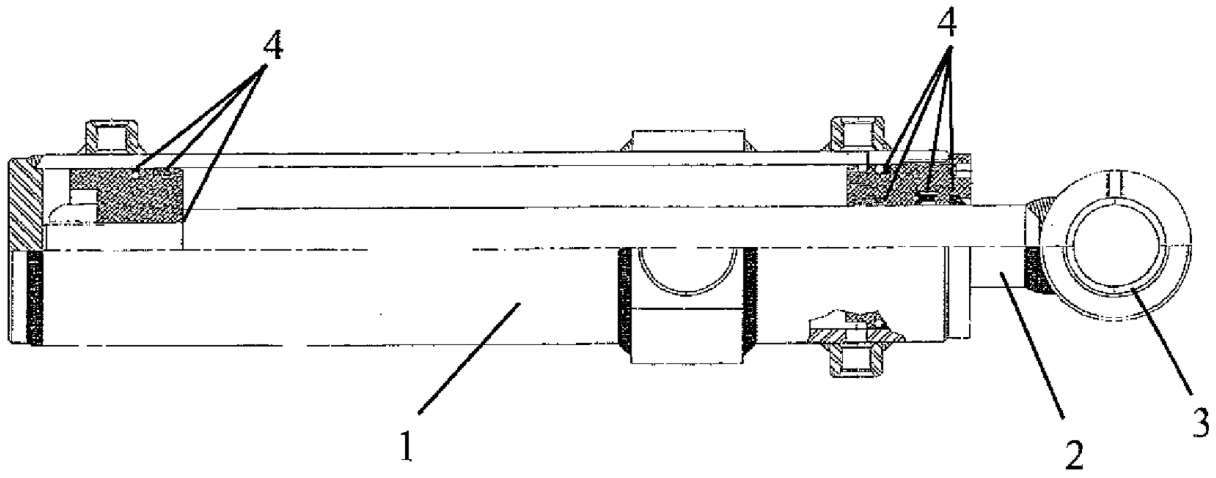


ITEM	PART NO.	QTY.	DESCRIPTION
	02981275A	1	HYD CYL ASY, SWING CYL (W/ SPHERICAL ROD END)
1	02981921	1	BARREL WELDMENT
2	02981922A	1	ROD ASY (W/ SPHERICAL ROD END)
3	00752670	1	GREASE FITTING
4	02982068	1	SEAL KIT

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

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

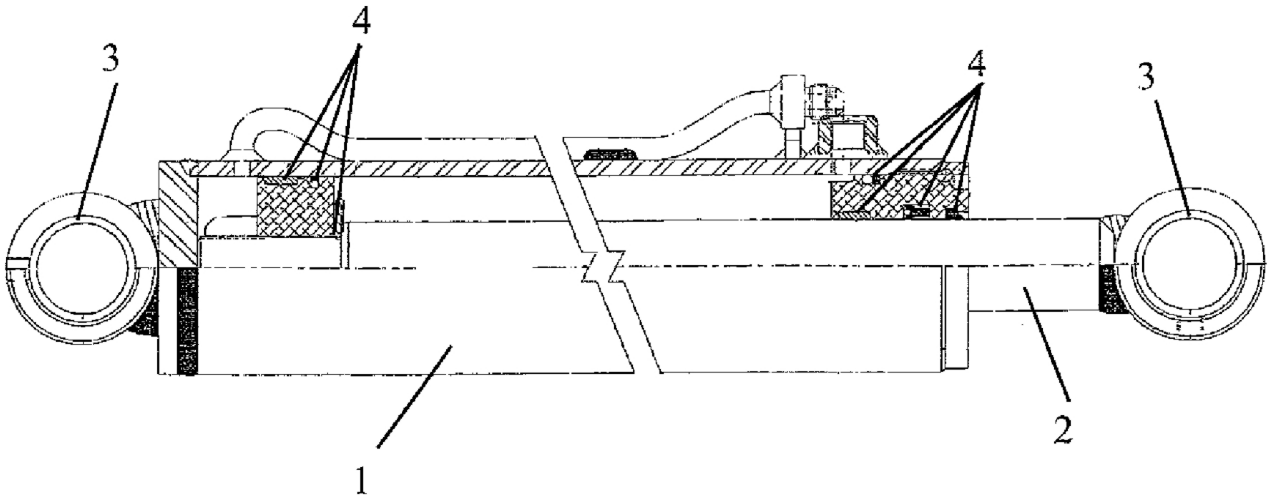


ITEM	PART NO.	QTY.	DESCRIPTION
	02981275	1	HYD CYL ASY, SWING CYL (W/ TUBE ROD END)
1	02981921	1	BARREL ASY
2	02981922	1	ROD ASY (W/ TUBE ROD END)
3	00752670	1	GREASE FITTING 1/4-28 BOLT THD
4	02982068	1	SEAL KIT

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

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HYD CYL ASY - TILT (24-30 FT BOOM) - PN 02981280



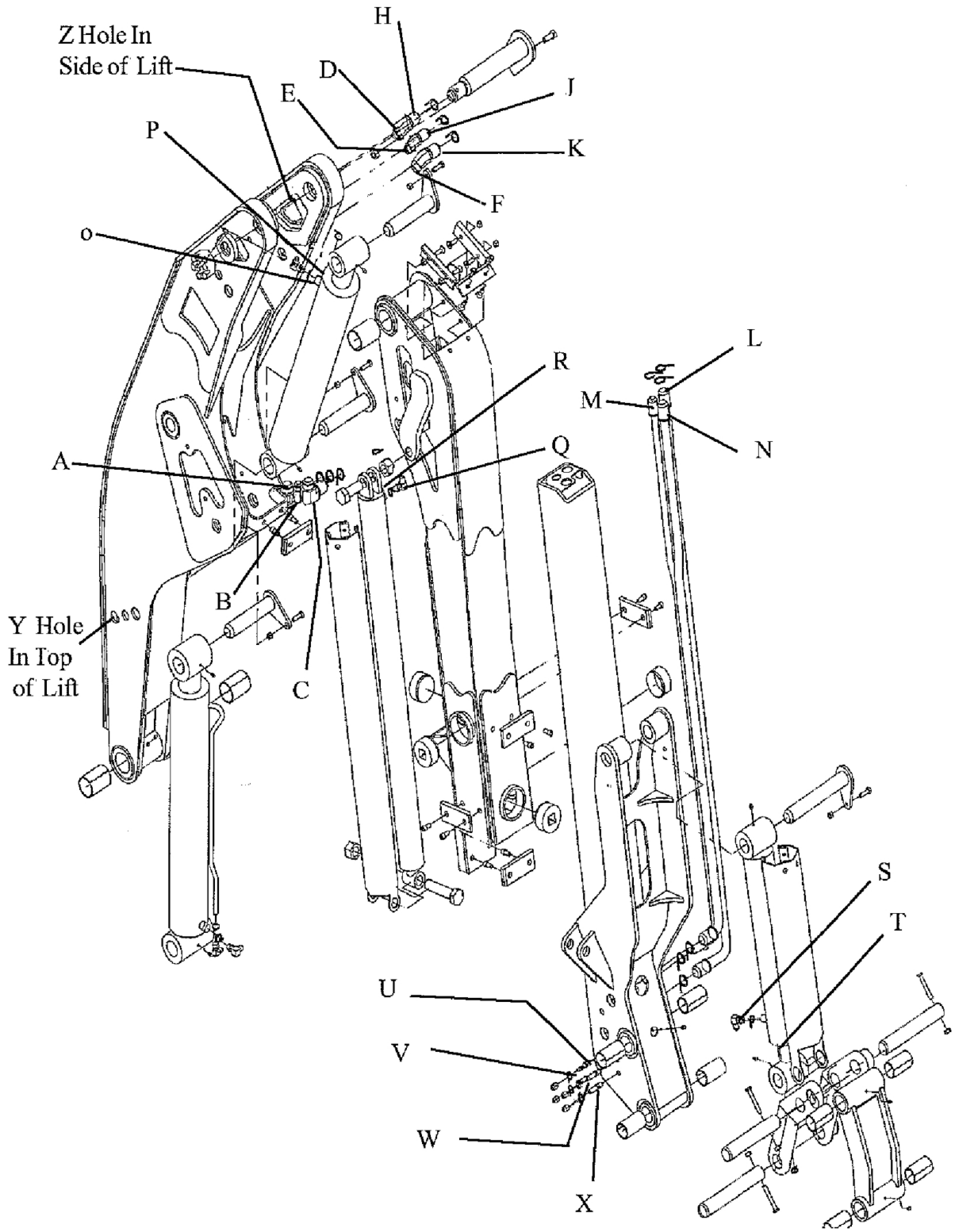
ITEM	PART NO.	QTY.	DESCRIPTION
	02981280	1	HYD CYLINDER ASY, HEAD TILT
1	02981931	1	BARREL WELDMENT
2	02981932	1	ROD ASY
3	02982250	4	BUSHING
4	02982071	1	SEAL KIT

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HYD HOSE ROUTING - BOOM - 24 FT BOOM



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

HYD HOSE ROUTING - BOOM - 24 FT BOOM

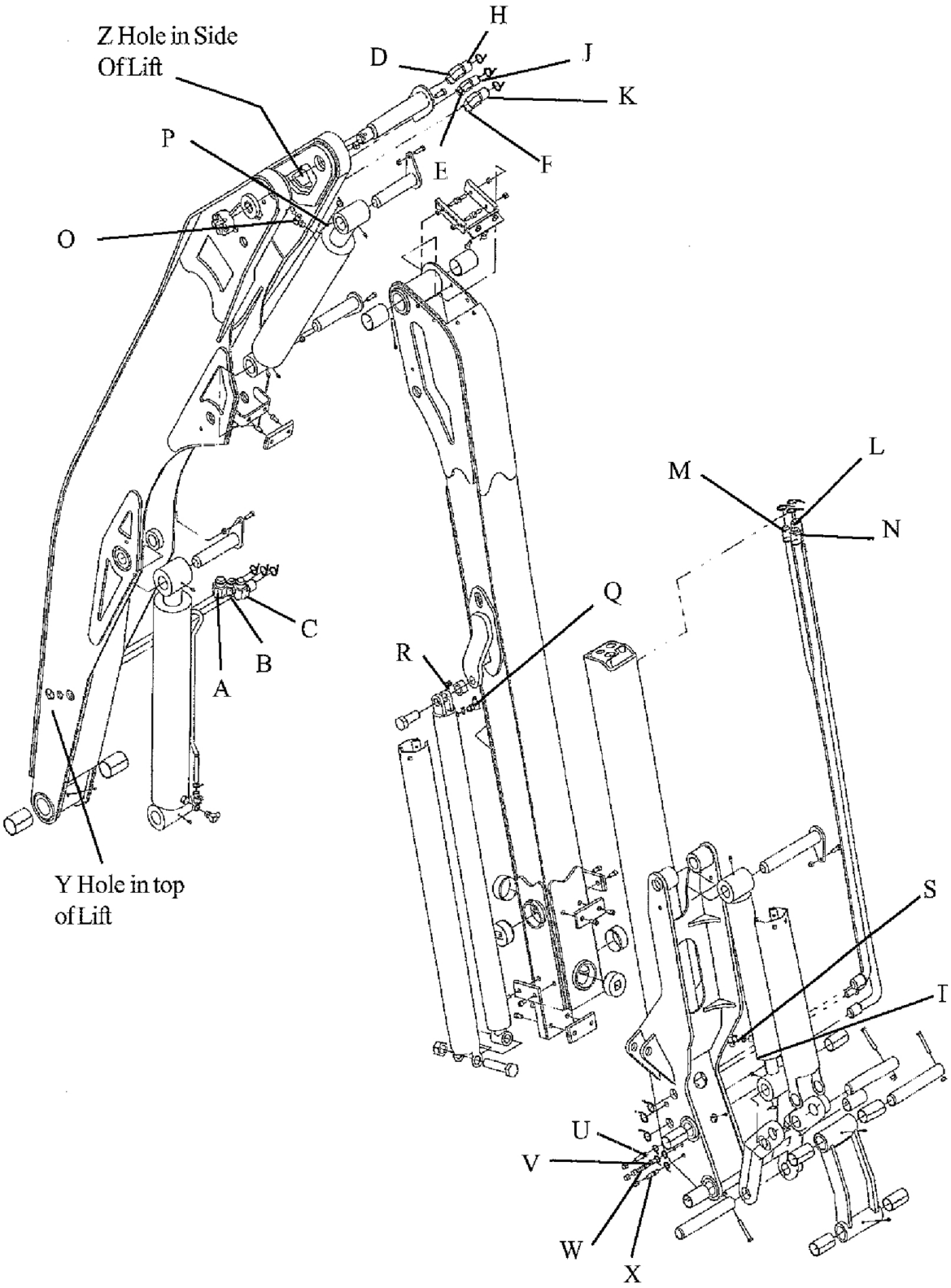
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ITEM	PART NO.	QTY.	DESCRIPTION
1	02981823	1	HOSE, #4-4MJ-4FJX-76"LG-YEL TIE-DOOR (LIFT SECT'N)
2	02981824	1	HOSE, #4-4MJ-4FJX-76"LG-YEL/W TIE-DOOR (LIFT SECT'N)
3	02981828	1	HOSE, #4-4MJ-4FJX-76"LG-GRN TIE-SWIVEL (LIFT SECT'N)
4	02981829	1	HOSE, #4-4MJ-4FJX-76"LG-GRN/W SWIVEL (LIFT SECT'N)
7	02981832	1	HOSE, #6-6MJ-6FJX-76"LG-RED TIE-TILT (LIFT SECT'N)
8	02981833	1	HOSE, #6-6MJ-6FJX-76"LG-RED/W TIE-TILT (LIFT SECT'N)
9	02981834	1	HOSE, #6-6MJ-6FJX-102"LG-BLU TIE-DIPPER
10	02981835	1	HOSE, #6-6MJ-6FJX-102"LG-BLU/W TIE-DIPPER
11	02981836	1	HOSE, #6-6MJ-6FJX-120"LG-YEL TIE-EXT'N (DIPPER SECT'N)
12	02981837	1	HOSE, #6-6MJ-6FJX-120"LG-YEL/W TIE-EXT'N (DIPPER SECT'N)
13	02981838	1	HOSE, #4-4MJ-4FJX-176"LG-YEL TIE-DOOR (DIPPER SECT'N)
14	02981839	1	HOSE, #4-4MJ-4FJX-176"LG-YEL/W TIE-DOOR (DIPPER SECT'N)
15	02981840	1	HOSE, #4-4MJ-4FJX-176"LG-GRN TIE-SWIVEL (DIPPER SECT'N)
16	02981841	1	HOSE, #4-4MF-4FJX-176"LG-GRN/W TIE-SWIVEL (DIPPER SECT'N)
17	02981842	1	HOSE, #6-6MJ-6FJX-176"LG-RED TIE-TILT (DIPPER SECT'N)
18	02981843	1	HOSE, #6-6MJ-6FJX-176"LG-RED/W TIE-TILT (DIPPER SECT'N)
19	02981846	1	HOSE, #16-16FJX-16FJX90-102"LG-RED TIE-MOTOR PRESSURE (LIFT SECT'N)
20	02981847	1	HOSE, #16-16FJX-16FJX90-102"LG-ORG TIE-MOTOR RETURN (LIFT SECT'N)
21	02981848	1	HOSE, #16-16FJX-16FJX-54"LG-RED TIE-MOTOR PRESSURE (DIPPER SECT'N)
22	02981849	1	HOSE, #16-16FJX-16FJX-58"LG-ORG TIE-MOTOR RETURN (DIPPER SECT'N)
23	02981850	1	HOSE, #12-12FJX-12FJX90-102"LG-BLU TIE-CASE DRAIN (LIFT SECT'N)
24	02981851	1	HOSE, #12-12FJX-12FJX-56"LG-BLU TIE-CASE DRAIN (DIPPER SECT'N)

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

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HYD HOSE ROUTING - BOOM - 30 FT BOOM



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

HYD HOSE ROUTING - BOOM - 30 FT BOOM

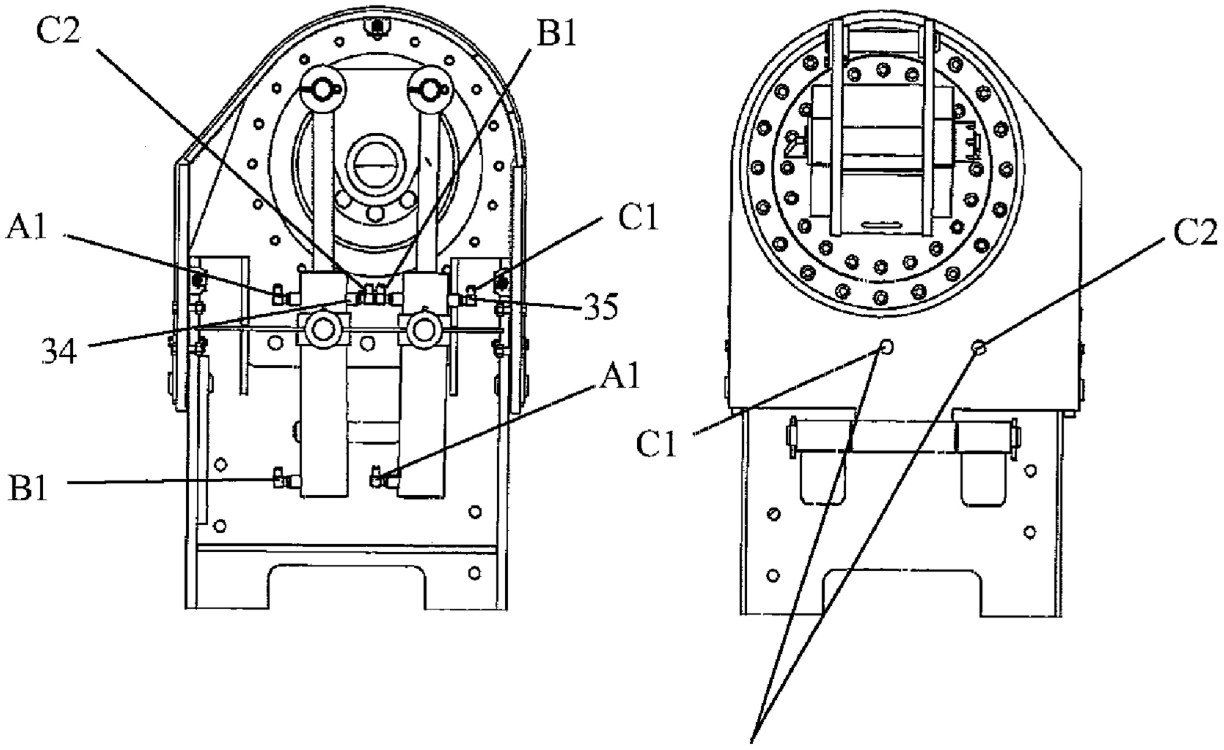
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ITEM	PART NO.	QTY.	DESCRIPTION
1	02981879	1	HOSE, #4-4MJ-4FJX-115"LG-YEL TIE-DOOR (LIFT SECT'N)
2	02981880	1	HOSE, #4-4MJ-4FJX-115"LG-YEL/W TIE-DOOR (LIFT SECT'N)
3	02981855	1	HOSE, #4-4MJ-4FJX-115"LG-GRN TIE-SWIVEL (LIFT SECT'N)
4	02981856	1	HOSE, #4-4MJ-4FJX-115"LG-GRN/W SWIVEL (LIFT SECT'N)
5	02981857	1	HOSE, #6-6MJ-6FJX-115"LG-YEL TIE-EXT'N (LIFT SECT'N)
6	02981858	1	HOSE, #6-6MJ-6FJX-115"LG-YEL/W TIE-EXT'N (LIFT SECT'N)
7	02981859	1	HOSE, #6-6MJ-6FJX-115"LG-RED TIE-TILT (LIFT SECT'N)
8	02981860	1	HOSE, #6-6MJ-6FJX-115"LG-RED/W TIE-TILT (LIFT SECT'N)
9	02981861	1	HOSE, #6-6MJ-6FJX-130"LG-BLU TIE-DIPPER
10	02981862	1	HOSE, #6-6MJ-6FJX-130"LG-BLU/W TIE-DIPPER
11	02981863	1	HOSE, #6-6MJ-6FJX-125"LG-YEL TIE-EXT'N (DIPPER SECT'N)
12	02981864	1	HOSE, #6-6MJ-6FJX-125"LG-YEL/W TIE-EXT'N (DIPPER SECT'N)
13	02981865	1	HOSE, #4-4MJ-4FJX-214"LG-YEL TIE-DOOR (DIPPER SECT'N)
14	02981866	1	HOSE, #4-4MJ-4FJX-214"LG-YEL/W TIE-DOOR (DIPPER SECT'N)
15	02981867	1	HOSE, #4-4MJ-4FJX-214"LG-GRN TIE-SWIVEL (DIPPER SECT'N)
16	02981868	1	HOSE, #4-4MF-4FJX-214"LG-GRN/W TIE-SWIVEL (DIPPER SECT'N)
17	02981869	1	HOSE, #6-6MJ-6FJX-214"LG-RED TIE-TILT (DIPPER SECT'N)
18	02981870	1	HOSE, #6-6MJ-6FJX-214"LG-RED/W TIE-TILT (DIPPER SECT'N)
19	02981873	1	HOSE, #16-16FJX-16FJX90-140"LG-RED TIE-MOTOR PRESSURE (LIFT SECT'N)
20	02981874	1	HOSE, #16-16FJX-16FJX90-140"LG-ORG TIE-MOTOR RETURN (LIFT SECT'N)
21	02981875	1	HOSE, #16-16FJX-16FJX-94"LG-RED TIE-MOTOR PRESSURE (DIPPER SECT'N)
22	02981876	1	HOSE, #16-16FJX-16FJX-98"LG-ORG TIE-MOTOR RETURN (DIPPER SECT'N)
23	02981877	1	HOSE, #12-12FJX-12FJX90-140"LG-BLU TIE-CASE DRAIN (LIFT SECT'N)
24	02981878	1	HOSE, #12-12FJX-12FJX-96"LG-BLU TIE-CASE DRAIN (DIPPER SECT'N)

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

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

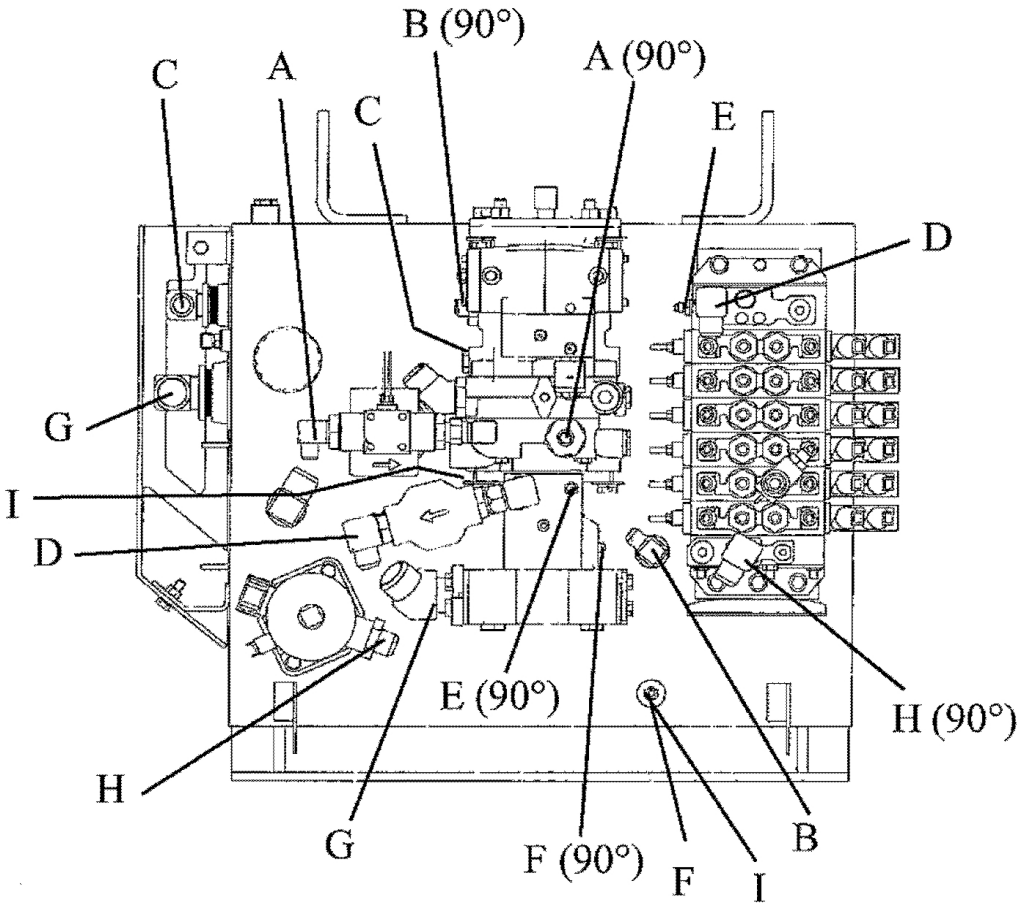


ITEM	PART NO.	QTY.	DESCRIPTION
A1	02981825	1	HOSE, # 6 - 6FJX - 6FJX - 28" LG
B1	02981825	1	HOSE, # 6 - 6FJX - 6FJX - 28" LG
C1	02981826	1	HOSE, # 6 - 6FJX - 6MJ - 16" LG (W/ GREEN PLATIC TIE)
C2	02981827	1	HOSE, # 6 - 6FJX - 6MJ - 16" LG (W/ GREEN & WHITE PLASTIC TIE)
34	02968832	1	PLASTIC TIE, GREEN
35	02968833	1	PLASTIC TIE, GREEN & WHITE

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

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HYD KIT - HOSE ROUTING

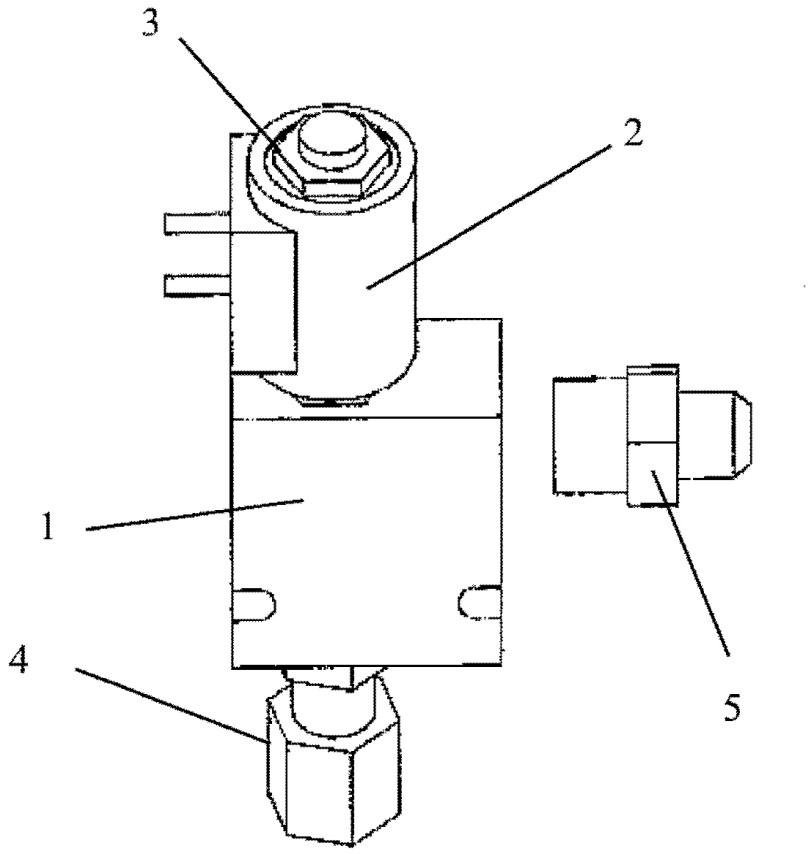


ITEM	PART NO.	QTY.	DESCRIPTION
A	02981427	1	HOSE, #8-8FJX-8FJX90`-24"LG./RED TIE (CHARGE FILTER TO PUMP)
B	02981428	1	HOSE, #8-8FJX-8FJX90`-21" LG./BLU TIE (CASE DRAIN TO TANK)
C	02981429	1	HOSE, #12-12FJX-12FJX-23"LG.(PUMP TO SUCTION FILTER)
D	02981430	1	HOSE, #12-12FJX-12FJX-31"LG./RED TIE (PRESSURE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

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

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HYD LOCK VALVE SOLENOID ASY - PN 02972208 (OLD STYLE)

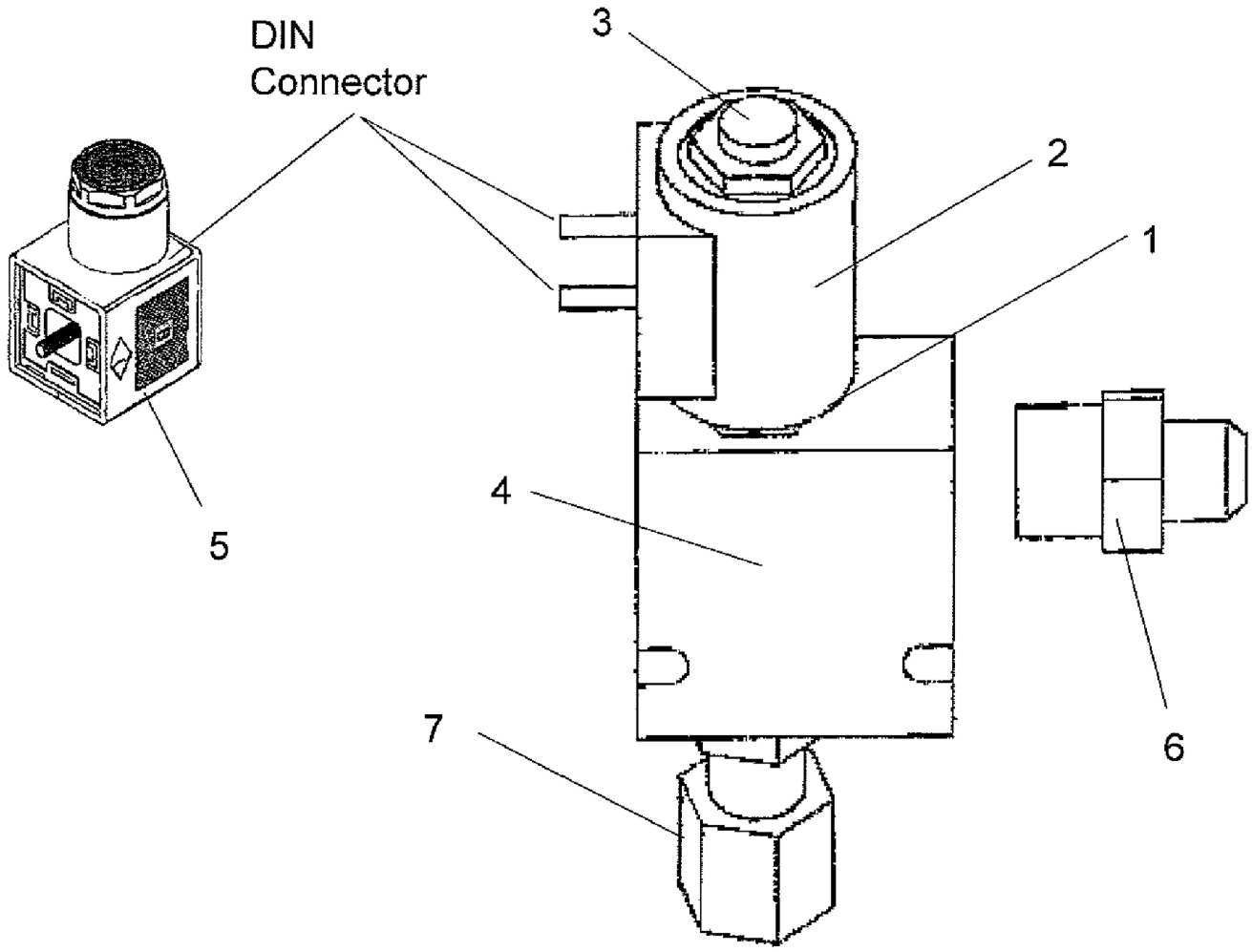


ITEM	PART NO.	QTY.	DESCRIPTION
	02972208	1	SOLENOID VALVE ASY (LOCK VALVE)
1	02971425	1	SEAL KIT, FOR SOLENOID VALVE
2	02975198	1	COIL, 12VDC W/DUAL 8-32NF STUDS
3	02975199	1	CARTRIDGE, SOLENOID VALVE
4	02975438	1	ADAPTER HYD, STRAIGHT 8MB - 8FJX
5	02981890	1	ADAPTER HYD, STRAIGHT 8MB - 6MJ

NOTE:HYD LOCK VALVE SOLENOID CHANGE, SOLENOID USES A DIN (TWO PRONG) CONNECTOR FOR NEW STYLE. THE OLD SOLENOID USED THREADED STUDS TO CONNECT THE WIRE HARNESS. CHECK WHICH TYPE BEFORE ORDERING REPLACEMENT PARTS. SOLENOID VALVE ASY WILL NOT INCLUDE FITTINGS ITEMS 4 & 5, THESE ARE SHOWN AS ILLUSTRATION ONLY IN THIS DRAWING.

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HYD LOCK VALVE SOLENOID ASY - PN 02972208A (NEW STYLE)

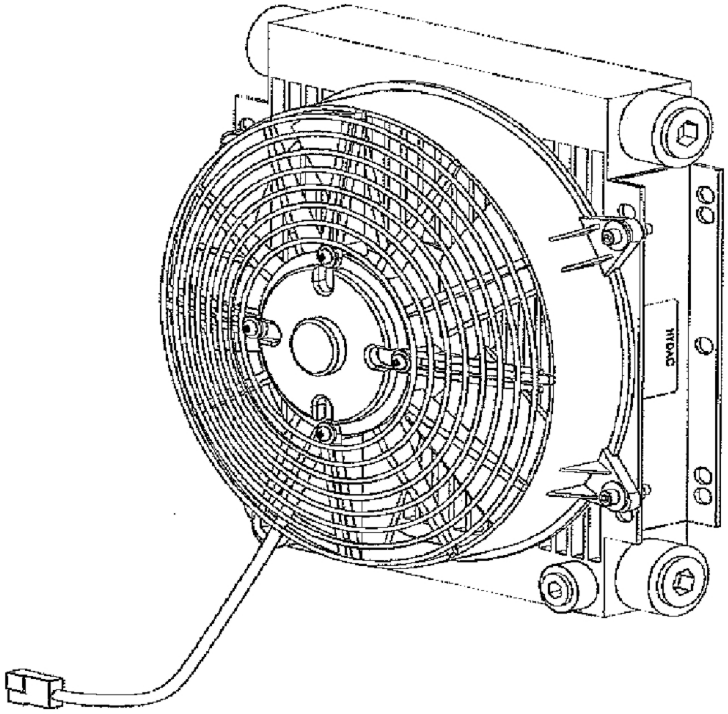


ITEM	PART NO.	QTY.	DESCRIPTION
	02972208A	1	SOLENOID VALVE ASY
1	02984756	1	SEAL KIT, F/ SOLENOID VALVE
2	02984759	1	COIL 12V DC W/ DIN CONNECTION
3	02984758	1	CARTRIDGE, SOLENOID VALVE
4	02984757	1	BODY, SOLENOID VALVE
5	002504	1	CONNECTOR, COIL DIN CONNECTION
6	----------	1	ADAPTER FITTING, HYD (NOT INCLUDED) (REFERENCE ONLY)
7	----------	1	ADAPTER FITTING, HYD (NOT INCLUDED) (REFERENCE ONLY)

NOTE:HYD LOCK VALVE SOLENOID CHANGE, SOLENOID USES A DIN (TWO PRONG) CONNECTOR FOR NEW STYLE. THE OLD SOLENOID USED THREADED STUDS TO CONNECT THE WIRE HARNESS. CHECK WHICH TYPE BEFORE ORDERING REPLACEMENT PARTS. SOLENOID VALVE ASY WILL NOT INCLUDE FITTINGS ITEMS 6 & 7, SHOWN AS ILLUSTRATION ONLY IN THIS DRAWING.

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HYD OIL COOLER - PN 02981377



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

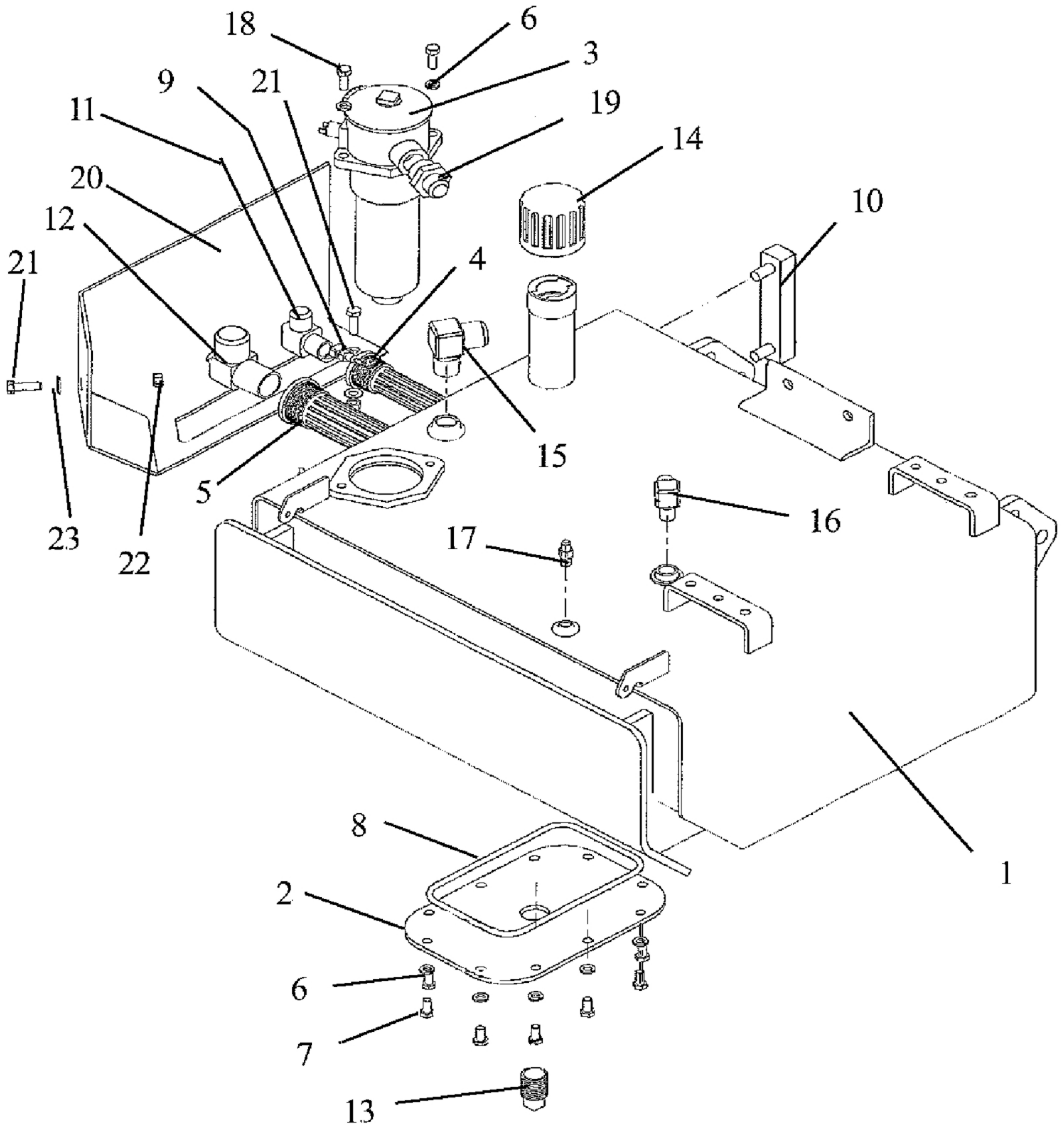
ITEM	PART NO.	QTY.	DESCRIPTION
1	02981377	1	HYD OIL COOLER & ELECTRIC FAN ASY.
	02981886	1	HEAT EXCHANGE CORE
	02981887	1	HEAT EXCHANGE FAN

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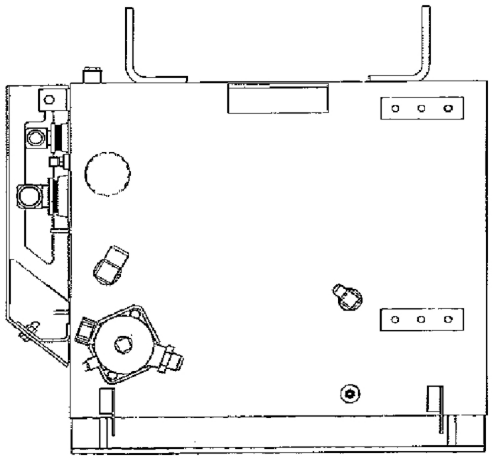
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HYD TANK ASY - PN 02981388



Note Orientation For
Hydraulic Adapters



Maverick Boom 24 and 30 FT (08-06) Rev 08-07

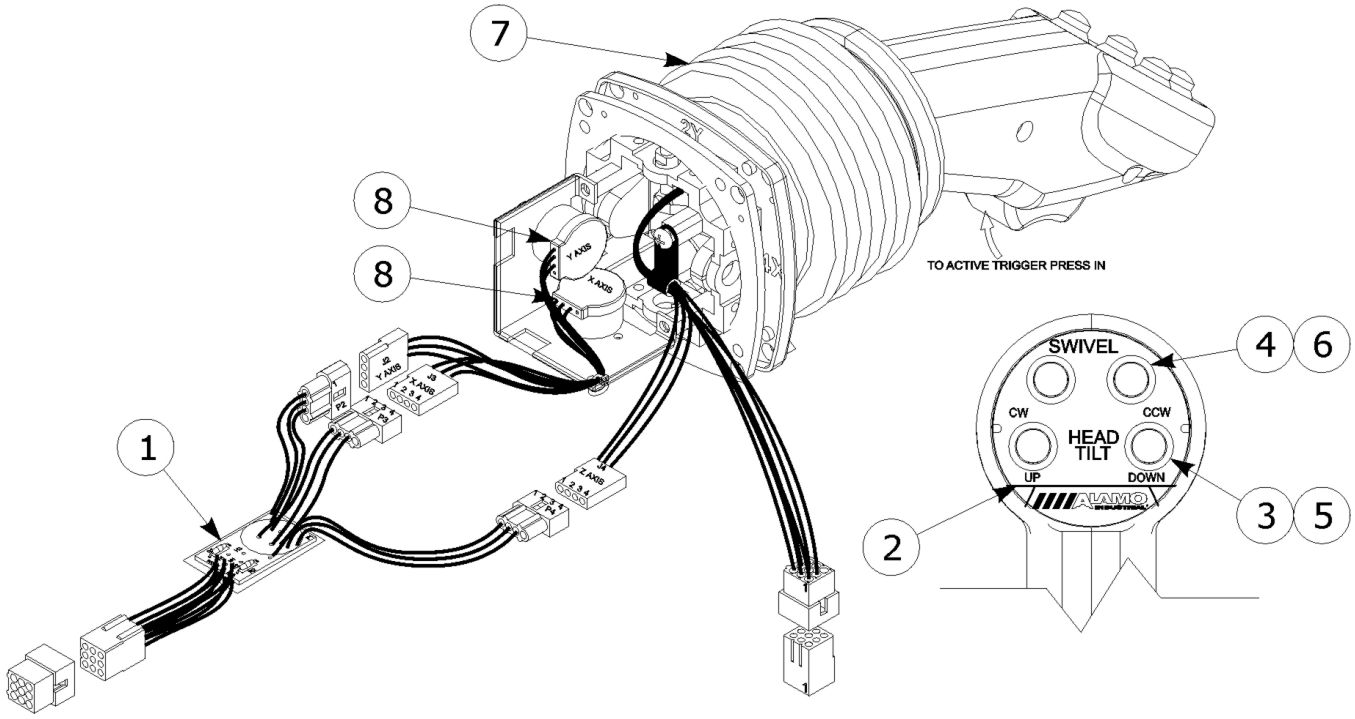
HYD TANK ASY - PN 02981388

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981388	1	HYDRAULIC TANK ASY, 24 OR 30 FT MODEL
1	02981389	1	HYDRAULIC TANK WELDMENT
2	02981413	1	CLEANOUT COVER WELDMENT
3	02981391	1	RETURN FILTER
4	02968166	1	SUCTION STRAINER, 1-1/4" W/ 3/4" OUTLET
5	02964345	1	SUCTION STRAINER, 2" W/ 1-1/4" OUTLET
6	00012101	12	LOCKWASHER, HEAVY 3/8" PL
7	00002000	10	BOLT, HEX HEAD 3/8"-16NC X 3/4 ZP GR5
8	02981400	1	O-RING, CLEANOUT SEAL
9	02981412	1	TEMPERATURE SENSOR
10	02968880	1	GAUGE, SIGHT & TEMPERATURE
11	02041800	1	ADAPTER HYD, ELBOW 12MP -12MJ - 90 DEG.
12	02958920	1	ADAPTER HYD, ELBOW 20MP - 20MJIC - 90 DEG.
13	02963659	1	MAGNETIC PIPE PLUG, 1"
14	02980215	1	BREATHER CAP, W/ RING
15	02042600	1	ADAPTER HYD, ELBOW 16MJ - 16MP - 90 DEG.
16	02825900	1	ADAPTER HYD, ELBOW 8MP - 8MJ - 90 DEG.
17	02823200	1	ADAPTER HYD, STRAIGHT 4MJ - 4MP
18	00011400	2	BOLT, HEX HEAD 3/8"-NC X 1" PL GR5
19	02958316	1	ADAPTER HYD, STRAIGHT 16MB - 12MJ
20	02981386	1	FORMED SHIELD ASY.
21	00753642	2	BOLT, HEX HEAD 3/8"NC X 1-1/4" PL GR5
22	00015800	2	LOCKNUT, 3/8"-NC PLB
23	00011100	2	FLATWASHER, 3/8" PL STD

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JOYSTICK ASY - P/N 02981374



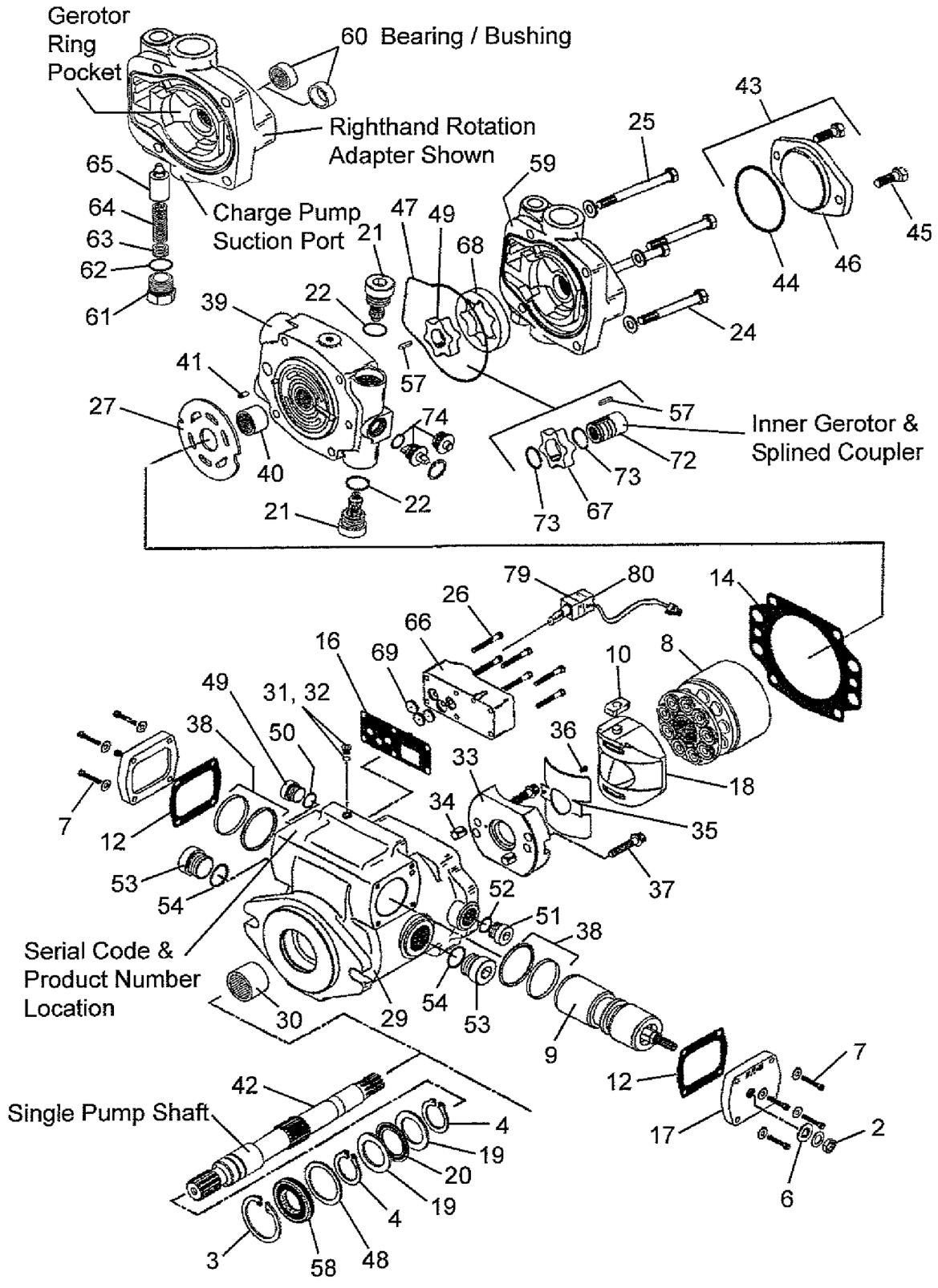
ITEM	PART NO.	QTY.	DESCRIPTION
	02981374	1	JOYSTICK, 5 BUTTON
1	02981990	1	RESISTOR HARNESS
2	02981989	1	OPERATION DECAL
3	02981023	2	PUSH BUTTON BLACK
4	02981022	2	PUSH BUTTON RED
5	02983473	2	PUSH BUTTON BLACK CAP ONLY
6	02983472	2	PUSH BUTTON RED CAP ONLY
7	02983475	1	POTENTIOMETER - SWING
8	02983476	2	POTENTIOMETER - LIFT & DIPPER

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PUMP ASY (SERVO CONTROLLED) - PN 02978986 (PART 1)



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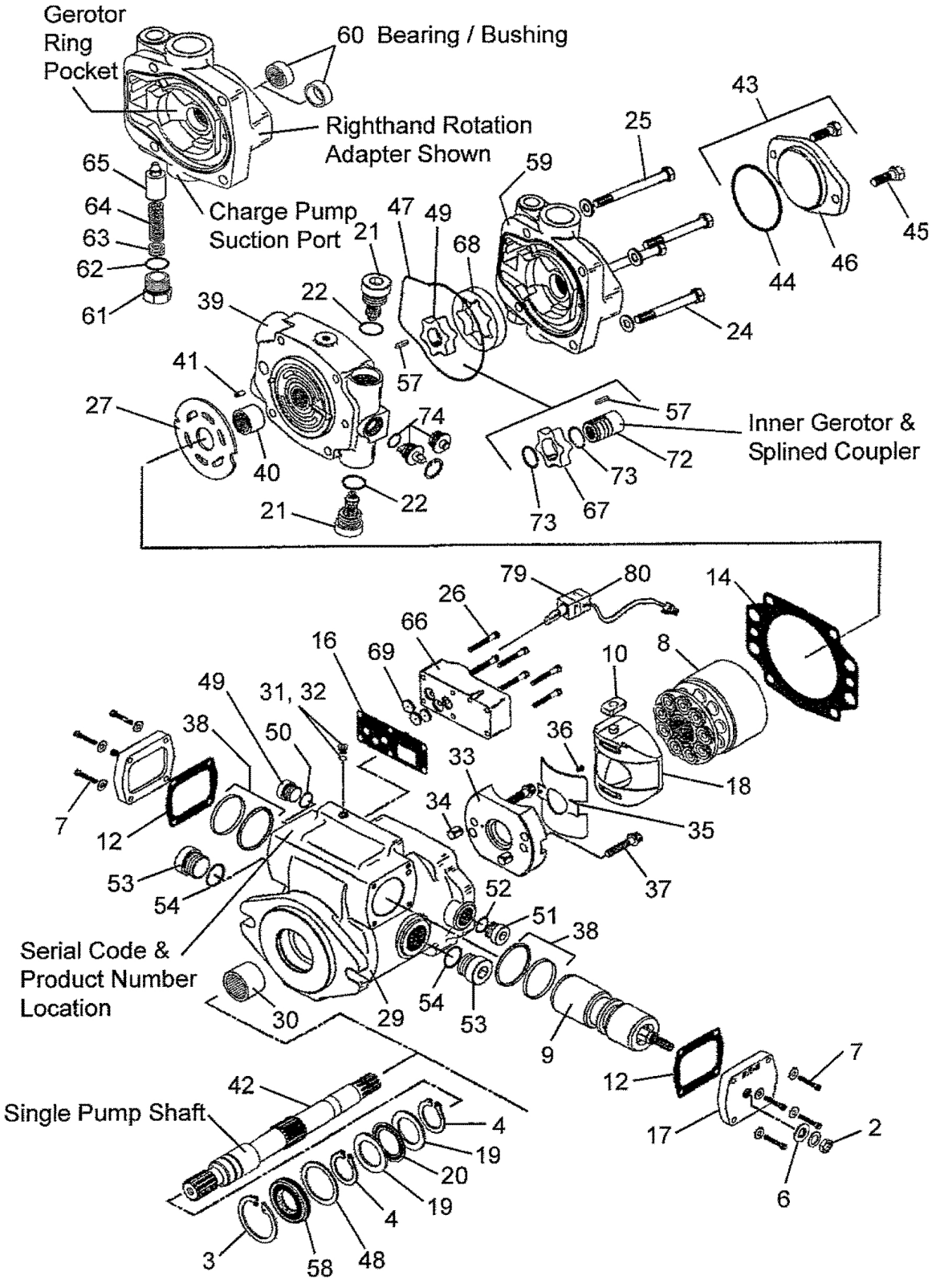
PUMP ASY (SERVO CONTROLLED) - PN 02978986 (PART 1)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02978986	1	PUMP, MED DUTY HYDROSTAT
2	02977418	1	NUT, JAM
3	02977419	1	RING, RETAINING
4	02977420	2	RING, RETAINING
6	02977421	1	WASHER, SEAL
7	02977422	8	SCREW, CAP
8	02977423	1	ROTATING KIT, SUBASSY
9	02977424	1	SERVO PISTON SUBASSY
10	02977425	1	FOLLOWER, SERVO PISTON
11	02977426	1	PLATE, COVER
12	02977427	2	GASKET, COVER PLATE
14	02977428	1	GASKET, HOUSING
16	02970209	1	GASKET,CONTROL HOUSING
17	02977430	1	PLATE, COVER
18	02977431	1	CAMPLATE, SUBASSY
19	02977432	2	RACE, THRUST
20	02977433	1	BEARING, THRUST
21	02977434	2	RELIEF VALVE SUBASSY
22	02977525	2	O-RING .116 DIA X .924INSIDE
23	02977434	1	RELIEF VALVE SUBASSY
24	02977436	2	SCREW, CAP
25	02977437	2	SCREW, CAP
26	02970208	6	SHCS #12 NC 1-1/2 LG
27	02977439	1	PLATE, VALVE
28	02977440	1	HOUSING SUBASSY
29	02977526	1	HOUSING
30	02977527	1	BEARING (PRESS FIT)
31	02977528	1	PLUG, SUBASY
32	02977529	1	O-RING .064 DIA X .239INSIDE
33	02977530	1	CRADLE SUB-ASY
34	02977531	2	BUSHING, DOWEL
35	02977532	1	BUSHING
36	02977533	1	CAP SCREW, BUTTON HEAD
37	02977534	2	CAP SCREW
38	02977535	2	SEAL SUBASY
39	02977441	1	BACKPLATE SUBASSY
40	02977536	1	BEARING, PRESS FIT
41	02977537	1	ROLL PIN
42	02977325	1	SHAFT, PISTON PUMP

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PUMP ASY (SERVO CONTROLLED) - PN 02978986 (PART 2)



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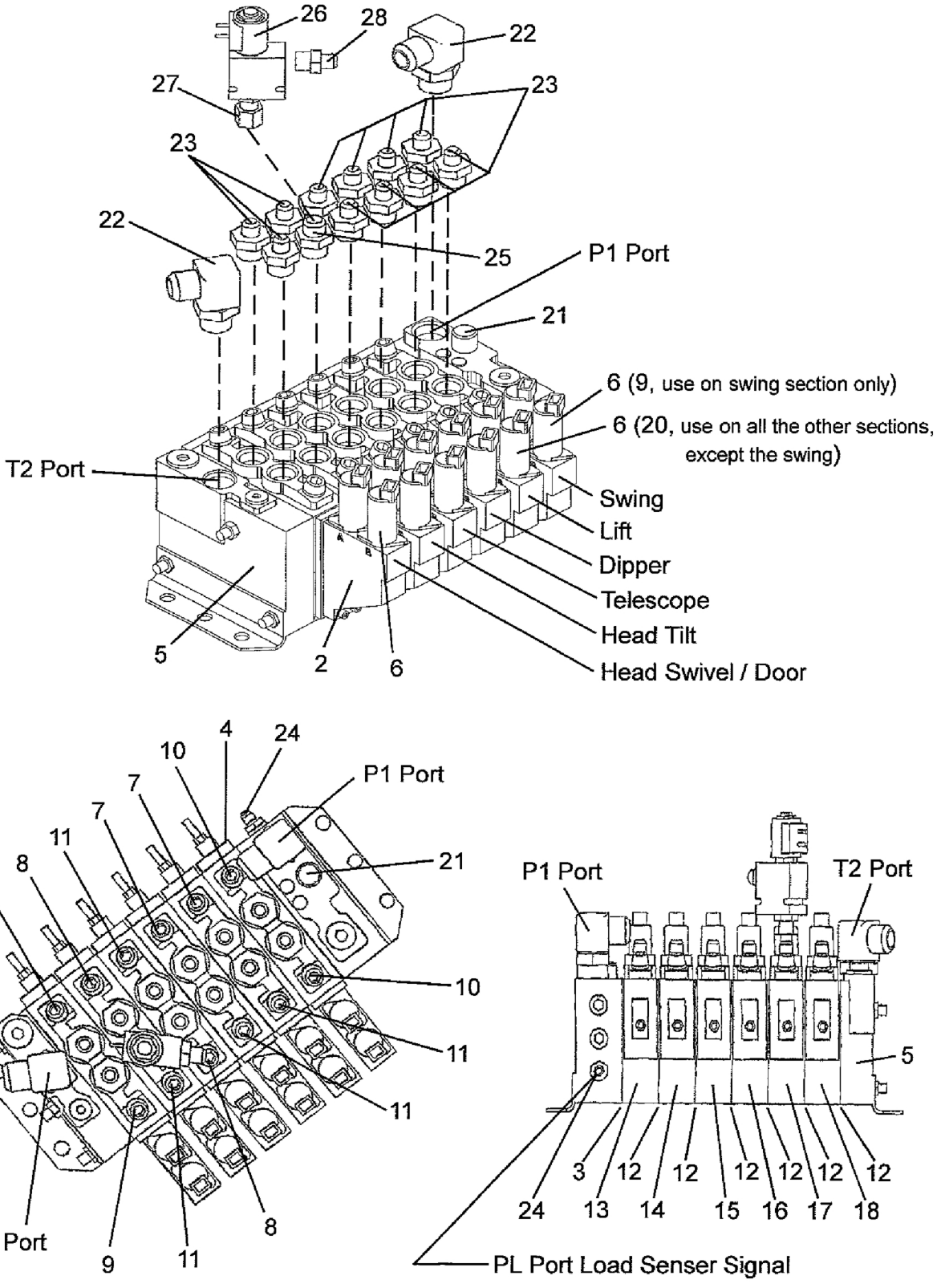
PUMP ASY (SERVO CONTROLLED) - PN 02978986 (PART 2)

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
47	02977443	1	O-RING MOLDED
48	02977445	1	WASHER
49	02977446	1	PLUG, SUBASSY
50	02977538	1	O-RING .087 DIA X .644INSIDE
51	02977540	1	USE 02977446
52	02977541	1	USE 02977538
53	02977447	2	PLUG, SUBASSY
54	02977539	2	O-RING .116 DIA X .924INSIDE
55	02977448	1	KEY
56	02977199	1	SEAL PUMP SHAFT
58	02977543	1	BUSHING, PRESS FIT W/11 TOOTH
59	02977544	1	PLUG
60	02977545	1	O-RING
61	02977546	1	SHIM (1)NOTE: MAY REQUIRE MORE
62	02977547	1	SPRING
63	02977548	1	POPPET
64	02970207	1	ASY,SOLENOID SERVO CONTROL
65	02977451	1	GEROTOR, INNER RING
66	02977452	1	GEROTOR, OUTER RING
67	02977453	3	ORIFICE, CONTROL VALVE
68	02977456	1	COUPLER
69	02977457	2	RING, RETAINING
70	02977458	1	PLUG SUBASSY
71	02977459	1	WASHER
72	02977460	8	WASHER
73	02977461	4	WASHER
74	02977462	1	RING LOCK
75	02972835	1	ASY CARTRIDGE VALVE W/O COIL
76	02983257	1	CARTRIDGE SOL VLV 3-WAY 2-POS
77	02972836	1	ASY COIL
78	02983256	1	COIL 12VDC

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VALVE ASY W-FITTINGS - PN 02981888



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VALVE ASY W-FITTINGS - PN 02981888

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
	02981370	1	VALVE, HYD LS 6-SECTION
2	02981919	6	CAP KIT, ECH
3	02981918	1	INLET SECTION, SEAL KIT
4	02981920	6	STROKE LIMITER PC
5	02981917	1	END SECTION, US, STD
6	02981916	12	SOLENOID, 12VDC
7	02984522	2	RELIEF, 80BAR
8	02984523	2	RELIEF, 140BAR
9	02984524	2	RELIEF, 190BAR
10	02984525	2	RELIEF, 210BAR
11	02984526	4	PLUG, Y2
12	02984527	6	INTERSCTION SEAL KIT
13	02984514	1	SWING SECTION - COMPLETE
14	02984515	1	LIFT SECTION - COMPLETE
15	02984516	1	DIPPER SECTION - COMPLETE
16	02984517	1	TELESCOPE SECTION - COMPLETE
17	02984467	1	TILT SECTION - COMPLETE
18	02984518	1	SWIVEL SECTION - COMPLETE
19	02984521	2	PILOT ORIFICE (1MM)
20	02984520	10	PILOT ORIFICE (.8MM)
21	02984519	1	MAIN RELIEF
22	02090800	2	ADAPTER, HYD, ELBOW
23	02972177	11	ADAPTER HYD STRAIGHT 10MB - 6MJ
24	03200284	1	ADAPTER HYD STRAIGHT 6MB - 4MJ
25	02981889	1	ADAPTER HYD STRAIGHT 10MB - 8MJ
26	02972208	1	SOLENOID VALVE ASY
27	02975428	1	BAR REAR MOUNT
28	02981890	1	ADAPTER HYD STRAIGHT 8MB - 6MJ

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Alamo Industrial

LIMITED WARRANTY

1. LIMITED WARRANTIES

1.01. Servis-Rhino warrants for one year from the purchase date to the original non-commercial, governmental, or municipal purchaser ("Purchaser") and warrants for six months to the original commercial or industrial purchaser ("Purchaser") that the goods purchased are free from defects in material or workmanship.

1.02. Manufacturer will replace for the Purchaser any part or parts found, upon examination at one of its factories, to be defective under normal use and service due to defects in material or workmanship.

1.03. This limited warranty does not apply to any part of the goods which has been subjected to improper or abnormal use, negligence, alteration, modification, or accident, damaged due to lack of maintenance or use of wrong fuel, oil, or lubricants, or which has served its normal life. This limited warranty does not apply to any part of any internal combustion engine, or expendable items such as blades, shields, guards, or pneumatic tires except as specifically found in your Operator's Manual.

1.04. Except as provided herein, no employee, agent, Dealer, or other person is authorized to give any warranties of any nature on behalf of Manufacturer.

2. REMEDIES AND PROCEDURES.

2.01. This limited warranty is not effective unless the Purchaser returns the Registration and Warranty Form to Manufacturer within 30 days of purchase.

2.02. Purchaser claims must be made in writing to the Authorized Dealer ("Dealer") from whom Purchaser purchased the goods or an approved Authorized Dealer ("Dealer") within 30 days after Purchaser learns of the facts on which the claim is based.

2.03. Purchaser is responsible for returning the goods in question to the Dealer.

2.04. If after examining the goods and/or parts in question, Manufacturer finds them to be defective under normal use and service due to defects in material or workmanship, Manufacturer will:

(a) Repair or replace the defective goods or part(s) or

(b) Reimburse Purchaser for the cost of the part(s) and reasonable labor charges (as determined by Manufacturer) if Purchaser paid for the repair and/or replacement prior to the final determination of applicability of the warranty by Manufacturer.

The choice of remedy shall belong to Manufacturer.

2.05. Purchaser is responsible for any labor charges exceeding a reasonable amount as determined by Manufacturer and for returning the goods to the Dealer, whether or not the claim is approved. Purchaser is responsible for the transportation cost for the goods or part(s) from the Dealer to the designated factory.

3. LIMITATION OF LIABILITY.

3.01. MANUFACTURER DISCLAIMS ANY EXPRESS (EXCEPT AS SET FORTH HEREIN) AND IMPLIED WARRANTIES WITH RESPECT TO THE GOODS INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

3.02. MANUFACTURER MAKES NO WARRANTY AS TO THE DESIGN, CAPABILITY, CAPACITY, OR SUITABILITY FOR USE OF THE GOODS.

3.03. EXCEPT AS PROVIDED HEREIN, MANUFACTURER SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO PURCHASER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS, OR DAMAGE CAUSED OR ALLEGED TO BE CAUSED DIRECTLY OR INDIRECTLY BY THE GOODS INCLUDING, BUT NOT LIMITED TO, ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES RESULTING FROM THE USE OR OPERATION OF THE GOODS OR ANY BREACH OF THIS WARRANTY. NOT WITHSTANDING 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.

Servis-Rhino Implement Model _____ Serial Number _____

Date Purchased _____ Dealer _____

ATTENTION:
READ YOUR OPERATOR'S MANUAL

ALAMO INDUSTRIAL™

TO THE OWNER/OPERATOR/DEALER

To keep your implement running efficiently and safely, read your manual 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; and
2. Provide Seatbelts that meet the requirements of this paragraph of this Standard and SAE J4C; and
3. Ensure that each employee uses such Seatbelt while the tractor is moving; and
4. Ensure that each employee tightens the Seatbelt sufficiently to confine the employee to the protected area provided by the ROPS.

REQUIRED OF THE OPERATOR

1. Securely fasten seatbelt 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 drawbar 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.**

Printed U.S.A.



Maverick Boom. 24 ft & 30 ft. (12/04)
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Manual P/N 02981992P