



McLAUGHLIN®

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Parts Manual
Vermeer/ McLaughlin SKID V500/800/1200HDAW
Vacuum Machine
Serial Number 8DHDSJ012110436 -
S5HRA031810114
Part #E850604

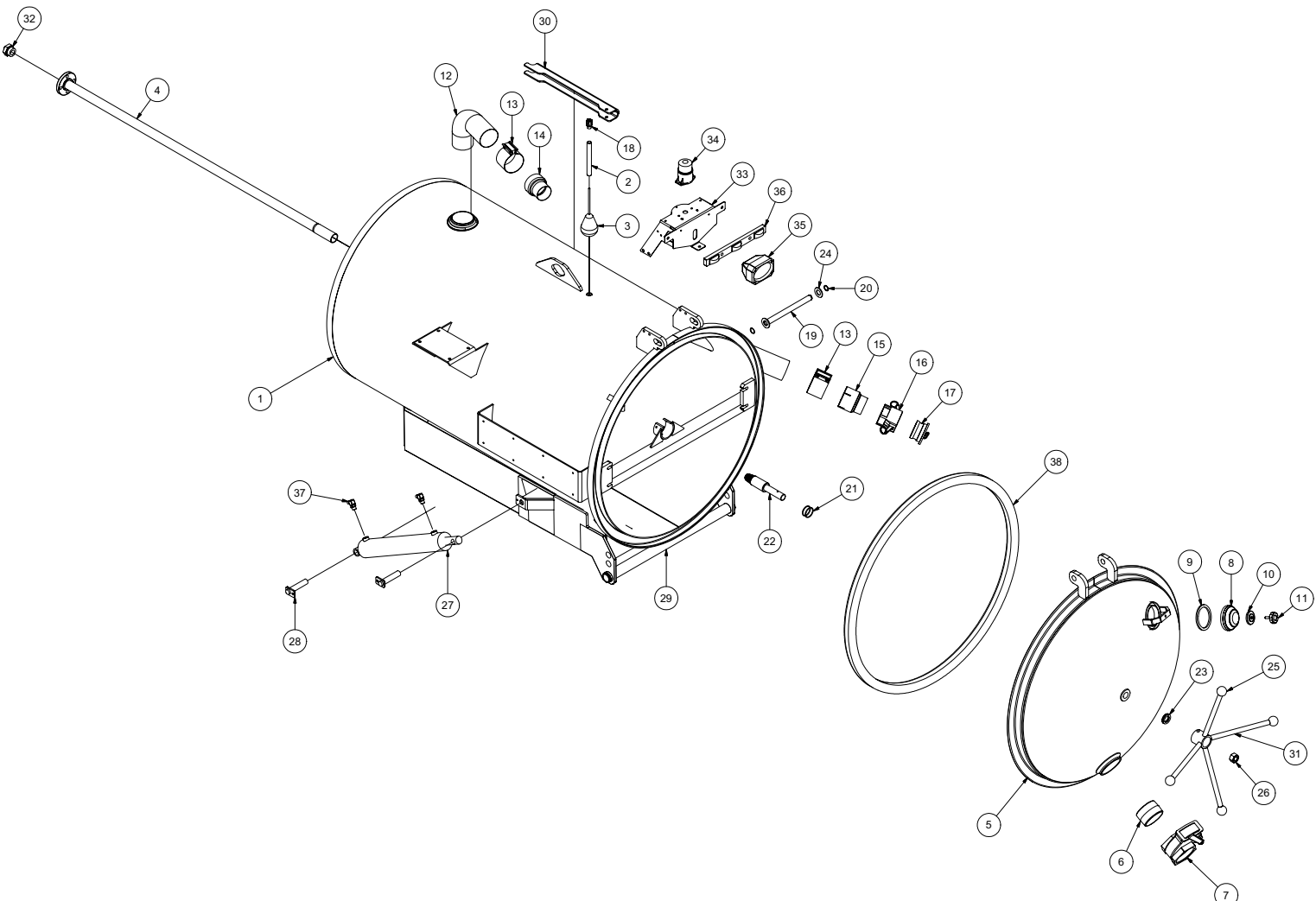
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Tank and Door Assembly

V500



100410-E

VACASSY002

Tank and Door Assembly

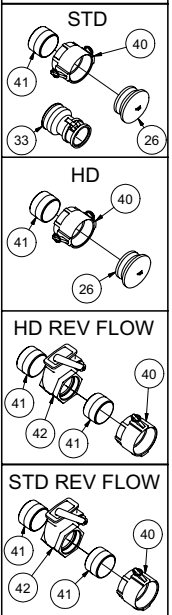
V500

ITEM	QTY	PART #	DESCRIPTION	ITEM	QTY	PART #	DESCRIPTION
1	1	8040821	TANK - 500 (42" DIA)	33	1	8046507	STROBE LIGHT BRACKET
2	1	8040769	FLOAT SWITCH TUBE V500/500HD	4	U000880	SCREW,HC 1/2-13 X 2.00	
	1	8041291	BUSHING, RUBBER	4	U200100	WASHER, FLAT 1/2"	
*	1	8041471	FLOAT TUBE V500LT/V500LTHD	4	U210111	WASHER, LOCK 1/2"	
3	1	8043913	HIGH LEVEL FLOAT SWITCH ASSY	4	U100120	NUT, HEX 1/2-13	
4	1	8043209	TANK ROD - (500) MANUAL DOOR	1	X200003	WIRE HARNESS VAC TANK	
	1	8030446	O-RING #328 BUNA	1	X200100	WIRE HARNESS VAC TANK S/O	
	4	U000880	SCREW, HC 1/2-13 X 2.00	34	1	8043139	STROBE LIGHT LED
	4	U100120	NUT, HEX 1/2-13	3	U010006	SCREW, PHILLIPS #10-24X1"	
	8	U200100	WASHER, FLAT 1/2"	3	U210005	WASHER, LOCK #10	
	3	U010055	SCREW, HSH 5/16-18 X 1.50	3	U100010	NUT, HEX #10-24	
	3	8030369	TANK CLEANOUT NOZZLES	35	1	8043138	WORK LIGHT
5	1	8040843	DOOR - 500 (42" DIA)	36	1	8041509	LIGHT CLEARANCE 3 BAR
6	1	8030431	4" CLOSE NIPPLE	37	4	T401270	ELBOW, 90 1/2"MB-3/8" MJ
7	1	8030916	4" GATE VALVE	38	1	8041765	V500 SQUARE DOOR SEAL
	1	8031116	GATE VALVE HANDLE				
8	1	8031048	SIGHT GLASS				
9	1	8032007	GASKET, 4" COUPLER				
10	1	8031047	SIGHT GLASS PLATE				
11	1	8031046	SIGHT GLASS HAND WHEEL				
12	1	8040786	EXHAUST ELBOW 4"				
13	2	8030400	4" BAND CLAMP				
14	1	8040791	EXHAUST, TUBE 4"ID-3"OD REDUCER				
15	1	8031044	ADAPTER 3"MNPT 4"ID				
16	1	8030392	3" FEMALE COUPLER				
	1	8031042	GASKET, 3" FLAT BANJO				
17	1	8030393	3" COUPLING PLUG				
	1	8041485	LANYARD CABLE				
18	1	X000113	STRAIN RELIEF, 1/2"				
19	1	8040058	DOOR HINGE ROD				
20	2	8030362	1" SNAP RING				
21	2	W200120	ORING 1-7/8 X 2-1/8 X 1/8 (225)				
22	1	8040306	QL DOOR STRIKER				
23	3	8030174	WASHER, DOOR HOLDER Q.L.				
24	2	U200171	WASHER, FLAT 1" SAE				
25	4	J400060	1 7/8" KNOB				
26	1	U120060	NUT, LOCK NY 1" - 8				
27	2	8030359	SPOIL TANK HYDRAULIC CYLINDER				
	2	8042948	TANK CYL BASE END HOSE 6-36 ST-ST				
	2	8041521	TANK CYL ROD END HOSE 6-55 ST-ST				
	2	8042923	HYD PUMP SUPPLY/RETURN HOSE 6-46 ST-90				
	2	T402154	TEE, 3/8" MJ - 3/8" MJ - 38" MJ				
28	4	8030128	CYLINDER PIN				
	4	U000400	SCREW, HC 3/8-16 X 0.75				
	4	U210060	WASHER, LOCK 3/8"				
29	1	8042648	TANK PIVOT ROD				
	2	U200100	WASHER, FLAT				
	2	U100120	NUT, HEX 1/2-13				
30	1	8041212	TANK SAFETY BRACE				
	1	8041213	CLIP, SAFETY				
31	1	8040235	DOOR HANDLE, 250-1200				
	2	U010040	SCREW, HSH .312-18 X .50				
32	1	T400261	REDUCER #16 MSAE - #6 MJ				

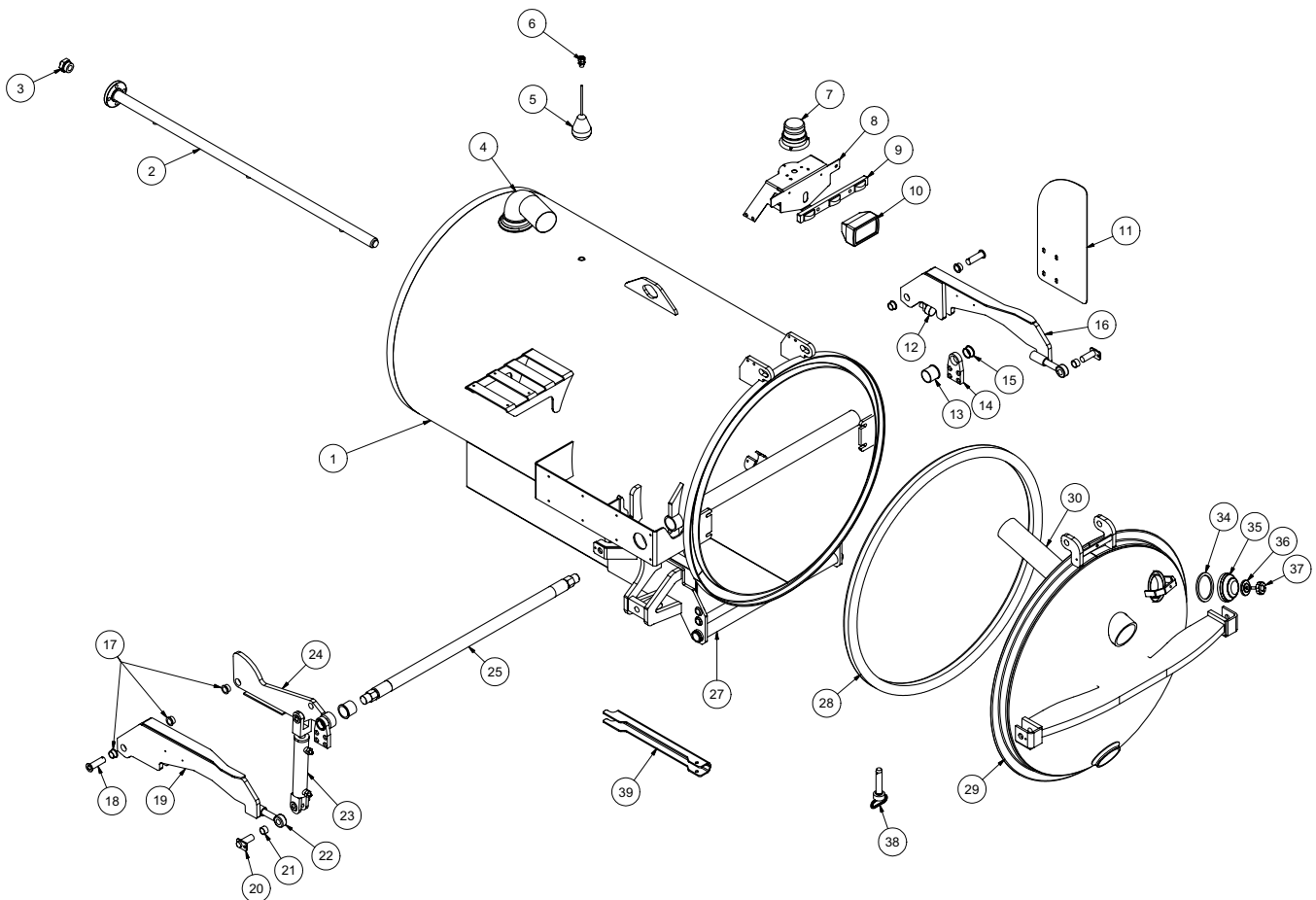
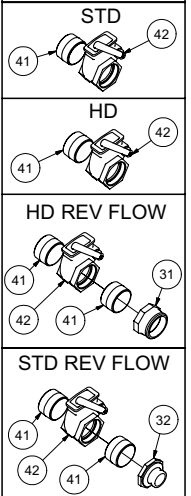
Hydraulic Door Option

V500

INLET FITTINGS



OUTLET FITTINGS



100410-E

VACASSY016

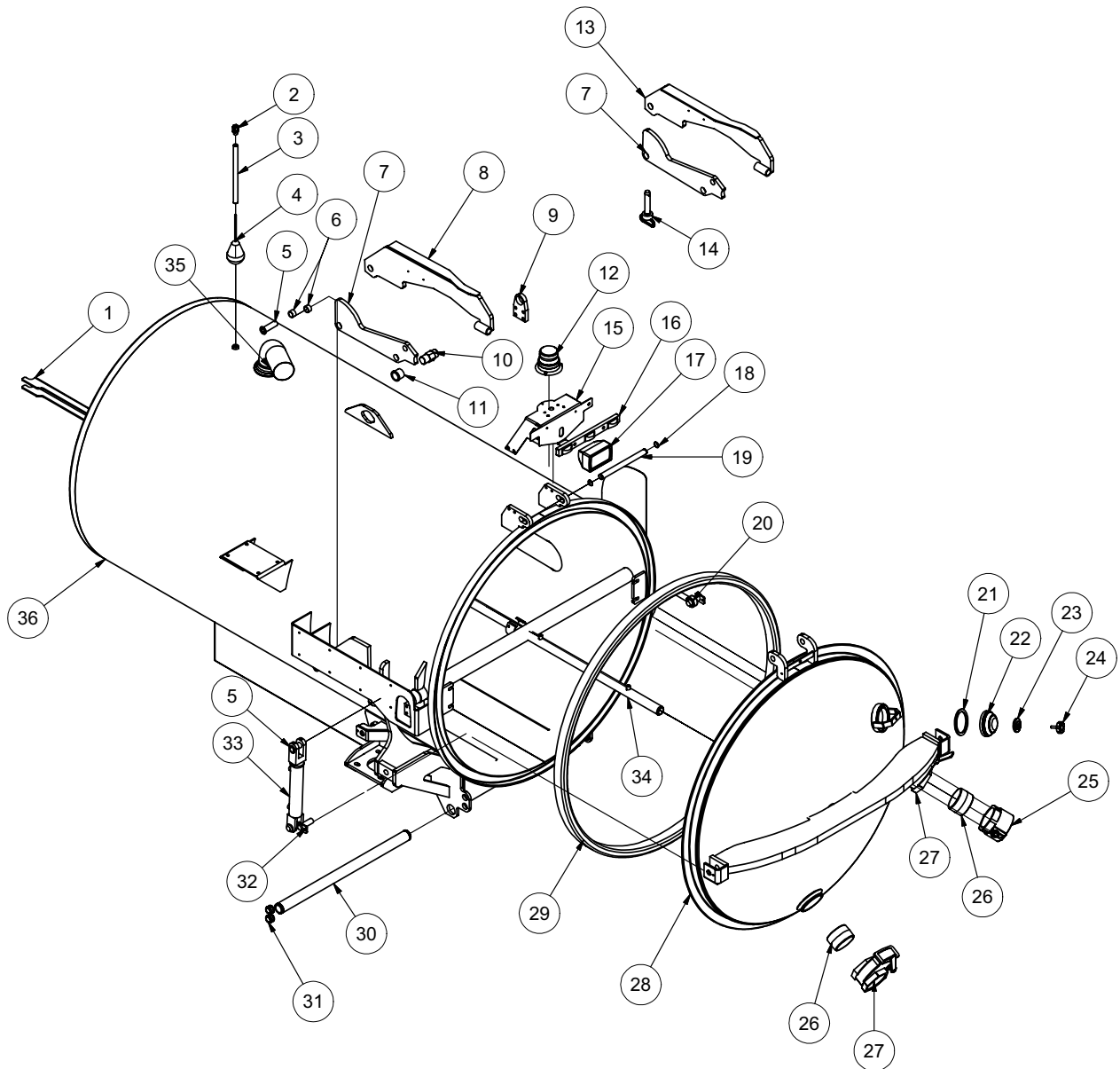
Hydraulic Door Option

V500

ITEM	QTY	NUMBER	DESCRIPTION	ITEM	QTY	NUMBER	DESCRIPTION
1	1	8041292	TANK	20	2	8042171	DOORARM PIN
2	1	8043166	TANK ROD	2	2	U000400	SCREW, HC 3/8-16 X 0.75
	1	8030446	O-RING #328 BUNA	2	2	U210060	WASHER, LOCK 3/8"
	4	U000880	SCREW, HC 1/2"-13 X 2"	21	2	8041524	BUSHING 1"
	4	U100120	NUT, HEX 1/2"-13	22	2	8043131	1" ROD END
	8	U200100	WASHER, FLAT 1/2"	12	12	U200171	WASHER, FLAT 1" SAE
	3	U010055	SCREW, HSH 5/16-18 X 1 1/2"	23	2	8041327	DOOR LOCK CYLINDERS
	3	8030369	TANK CLEANOUT NOZZLES	4	4	T400611	REDUCER 1/2"MSAE - 1/4"MJIC
3	1	T400261	REDUCER 1"MSAE - 3/8"MJIC	2	2	8042928	DOOR CYL BASE END HOSE 4-38 ST-ST
4	1	8040786	EXHAUST ELBOW	2	2	8043304	DOOR CYL ROD END HOSE 4-47 ST-ST
5	1	8030531	HIGH LEVEL FLOAT SWITCH	2	2	8040970	DOOR CYL SUPPLY/RET HOSE 4-70 ST-ST
	1	8041291	RUBBER BUSHING	2	2	T400022	REDUCER 6FJ - 4 MJ
	1	8041471	FLOAT TUBE V500LT/V500LTHD	2	2	T402035	TEE 4MJ - 4MJ 4MJ
6	1	X000113	1/2" STRAIN RELIEF	24	2	8041604	SHORT LINKAGE
7	1	8043139	STROBE LIGHT	25	1	8041607	LINKAGE CROSS TUBE
8	1	8046507	STROBE LIGHT BRACKET	26	-	8032006	4" PLUG
	1	X200003	WIRE HARNESS, VAC TANK	27	1	8042648	TANK PIVOT ROD
	1	X200100	WIRE HARNESS, VAC TANK SO	2	2	8030363	2" SPIRAL SNAP RING
	4	U000880	SCREW, HC 1/2"-13 X 2"	28	1	8041765	DOOR SEAL
	4	U210100	WASHER, 1/2" LOCK	29	1	8042064	DOOR
	4	U200100	WASHER, 1/2" FLAT	1	1	8040058	DOOR HINGE ROD
	2	U010006	SCREW, PHILLIPS #10-24 X 1"	6	6	U200171	WASHER, FLAT 1" SAE
	4	U200000	WASHER, FLAT #10	2	2	U500020	1" SNAP RING
	2	U210005	WASHER, LOCK #10	30	1	8041661	INLET TUBE
	2	U100010	NUT, HEX #10-24	31	-	8030844	4" MALE COUPLER
9	1	8041509	TANK CLEARANCE LIGHT	32	-	8045611	4"FNPT X 3" MCAM COUPLER
	2	U010006	SCREW, PHILLIPS #10-24 X 1"	33	-	8041080	4" MCAM X 3" MCAM COUPLER
	4	U200000	WASHER, FLAT #10	34	1	8032007	SIGHT GLASS GASKET
	2	U210005	WASHER, LOCK #10	35	1	8031048	SIGHT GLASS
	2	U100010	NUT, HEX #10-24	36	1	8031047	SIGHT GLASS PLATE
10	1	8043138	WORK LIGHT DEUTSCH	37	1	8031046	SIGHT GLASS HAND WHEEL
11	1	8041635	HYD ARM GUARD	38	1	8041626	DOOR SAFETY PIN
	4	U000400	SCREW, HC 3/8-16 X 0.75	1	1	8041485	LANYARD CABLE
	4	U200060	WASHER, FLAT 3/8"	39	1	8041212	SAFETY BRACE
	4	U210060	WASHER, LOCK 3/8"	1	1	8041213	CLIP, SAFETY
12	2	W000020	CAM ROLLER 1 1/4"	40	-	8030846	4" FEMALE COUPLER
	2	U160019	1/2"-20 NY-LOCK NUT	-	-	8032007	4" COUPLER GASKET
13	2	8041602	2" FLANGED BUSHING	41	-	8030431	4" CLOSE NIPPLE
14	2	8041621	OUTER BEARING PLATE	42	-	8030916	GATE VALVE
	8	8042008	1-1/2" SHIMS	-	-	8031116	GATE VALVE HANDLE
	8	U000840	SCREW, HC 1/2"-13 X 1 1/2"				
	8	U210100	WASHER, 1/2" LOCK				
	8	U200100	WASHER, 1/2" FLAT				
15	2	8041724	1-1/2" FLANGED BUSHING				
16	1	8041369	LONG LINKAGE CURBSIDE				
	1	8041770	PLASTIC WEAR PLATE				
	2	U010800	SCREW, SFH 1/4"-20 X 3/4"				
17	6	8041883	1" BUSHING FLANGED				
18	6	8042489	HYD DOOR PIN				
	6	U340050	3/16" LYNCH PIN				
19	1	8041375	LONG LINKAGE STREETSIDE				
	1	8041770	PLASTIC WEAR PLATE				
	2	U010800	SCREW, SFH 1/4"-20 X 3/4"				

Tank and Door Assembly

V800



100410-E

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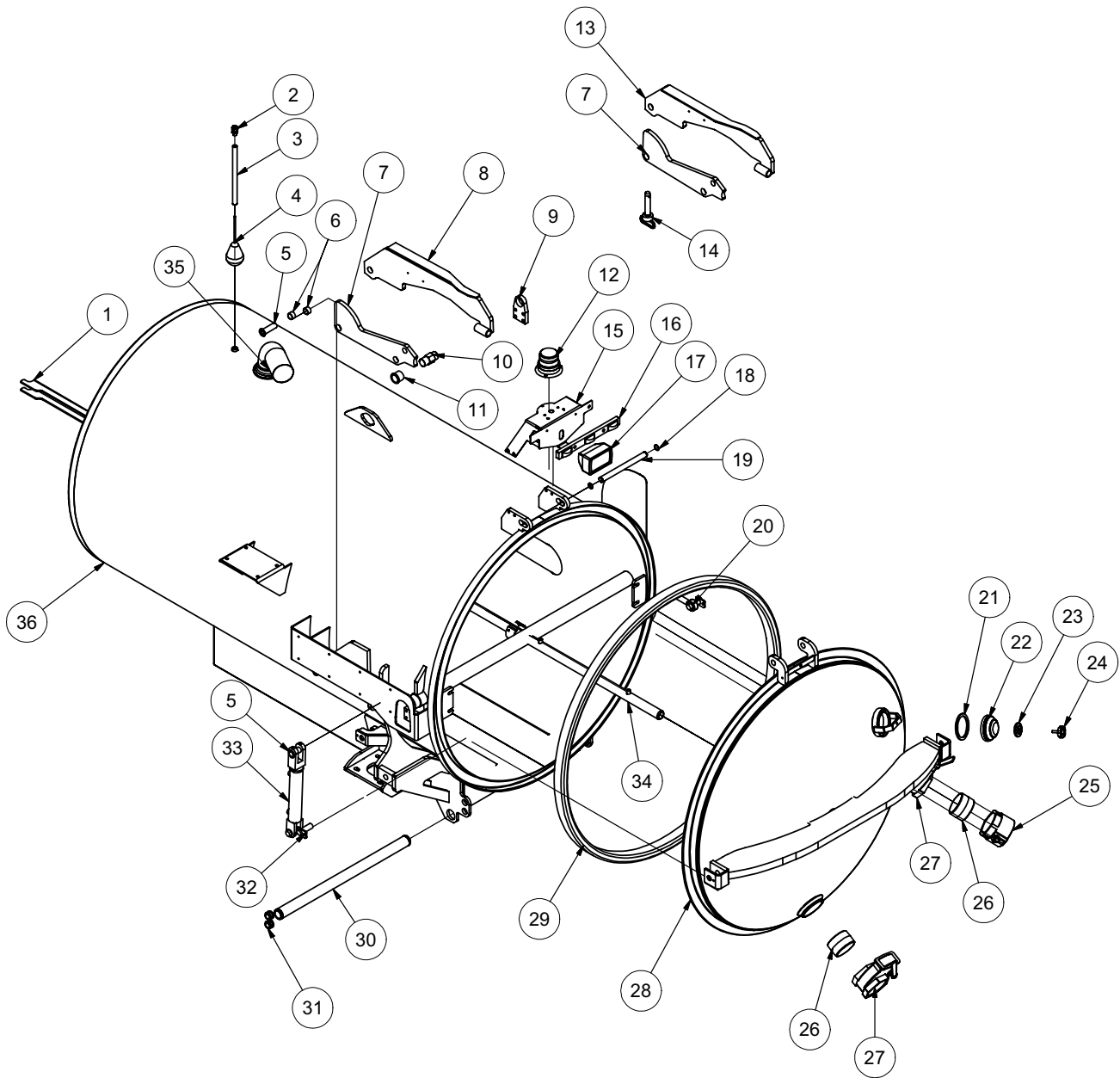
Tank and Door Assembly

V800

ITEM#	QTY	NUMBER	DESCRIPTION
1	1	8041212	TANK SAFETY BRACE
2	1	X000113	STRAIN RELIEF, 1/2"
3	1	8041471	HIGH LEVEL FLOAT SWITCH TUBE V800
4	1	8030531	HIGH LEVEL FLOAT SWITCH
5	6	8042489	HYD. DOOR - PIN WELDMENT 1"DIA X 3"
6	6	8041524	BUSHING BRONZE 1.25" X 1.00" X .75"LG
7	2	8041604	SHORT LINKAGE WELDMENT
8	1	8041375	DOOR HYD. LONG LINKAGE SS WELDMENT
9	2	8041621	OUTER BEARING PLATE
10	1	8041663	LINKAGE CROSS TUBE WELDMENT
11	2	8041610	BUSHING BRONZE FLANGED 1 1/2"
12	1	8030347	STROBE LIGHT
13	1	8041369	DOOR HYD. LONG LINKAGE WELDMENT
14	1	8041626	HITCH PIN, 1" X 4 1/2"
15	1	8046507	STROBE LIGHT BRACKET
16	1	8041509	LIGHT CLEARANCE 3 BAR
17	1	8031242	WORKLIGHT
18	2	8030362	1" SNAP RING
19	1	8040058	DOOR HINGE ROD
20	2	8041630	ROD END WITH BRONZE BUSHING
21	1	8032007	GASKET, 4" COUPLER
22	1	8031048	SIGHT GLASS
23	1	8031047	SIGHT GLASS PLATE
24	1	8031046	SIGHT GLASS HAND WHEEL
25	1	8030846	4" FEMALE COUPLER
26	2	8030431	4" CLOSE NIPPLE
27	2	8030916	4" GATE VALVE
28	1	8041580	800/1200 HYD LOCK DOOR
29	1	8041767	DOOR SEAL 54"DIA TANK
30	1	8042648	TANK PIVOT ROD
31	4	8041686	GROMMET 1"ID - 1 1/4"DOG - 1/4"WO
32	2	8042171	DOOR CAPTURE PIN
33	2	8041327	HYD. CYLINDER - 8" STROKE
34	1	8041721	TANK ROD WELDMENT - 800 HYD LOCK DOOR
35	1	8040786	EXHAUST ELBOW 4" - WELDMENT
36	1	8041643	800 TANK - WELDMENT (54")

Tank and Door Assembly

V1200



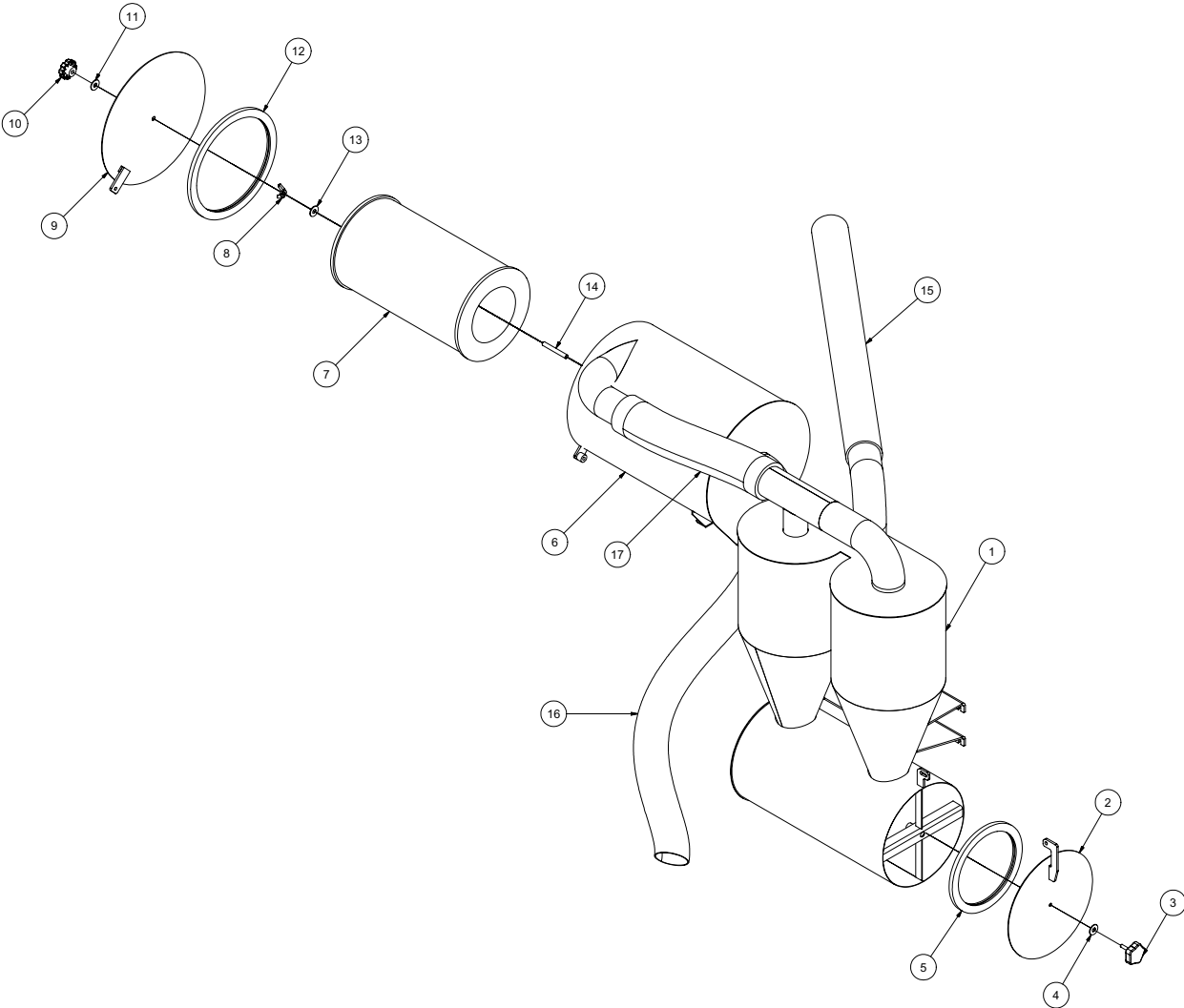
Tank and Door Assembly

V1200

ITEM#	QTY	NUMBER	DESCRIPTION
1	1	8041212	TANK SAFETY BRACE
2	1	X000113	STRAIN RELIEF, 1/2"
3	1	8041471	HIGH LEVEL FLOAT SWITCH TUBE V800
4	1	8030531	HIGH LEVEL FLOAT SWITCH
5	6	8042489	HYD. DOOR - PIN WELDMENT 1"DIA X 3"
6	6	8041524	BUSHING BRONZE 1.25" X 1.00" X .75"LG
7	2	8041604	SHORT LINKAGE WELDMENT
8	1	8041375	DOOR HYD. LONG LINKAGE SS WELDMENT
9	2	8041621	OUTER BEARING PLATE
10	1	8041663	LINKAGE CROSS TUBE WELDMENT
11	2	8041610	BUSHING BRONZE FLANGED 1 1/2"
12	1	8030347	STROBE LIGHT
13	1	8041369	DOOR HYD. LONG LINKAGE WELDMENT
14	1	8041626	HITCH PIN, 1" X 4 1/2"
15	1	8046507	STROBE LIGHT BRACKET
16	1	8041509	LIGHT CLEARANCE 3 BAR
17	1	8031242	WORKLIGHT
18	2	8030362	1" SNAP RING
19	1	8040058	DOOR HINGE ROD
20	2	8041630	ROD END WITH BRONZE BUSHING
21	1	8032007	GASKET, 4" COUPLER
22	1	8031048	SIGHT GLASS
23	1	8031047	SIGHT GLASS PLATE
24	1	8031046	SIGHT GLASS HAND WHEEL
25	1	8030846	4" FEMALE COUPLER
26	2	8030431	4" CLOSE NIPPLE
27	2	8030916	4" GATE VALVE
28	1	8041580	800/1200 HYD LOCK DOOR
29	1	8041767	DOOR SEAL 54"DIA TANK
30	1	8042648	TANK PIVOT ROD
31	4	8041686	GROMMET 1"ID - 1 1/4"DOG - 1/4"WO
32	2	8042171	DOOR CAPTURE PIN
33	2	8041327	HYD. CYLINDER - 8" STROKE
34	1	8041721	TANK ROD WELDMENT - 800 HYD LOCK DOOR
35	1	8040786	EXHAUST ELBOW 4" - WELDMENT
36	1	8043631	1200 TANK - WELDMENT (54")

Filtration

1025



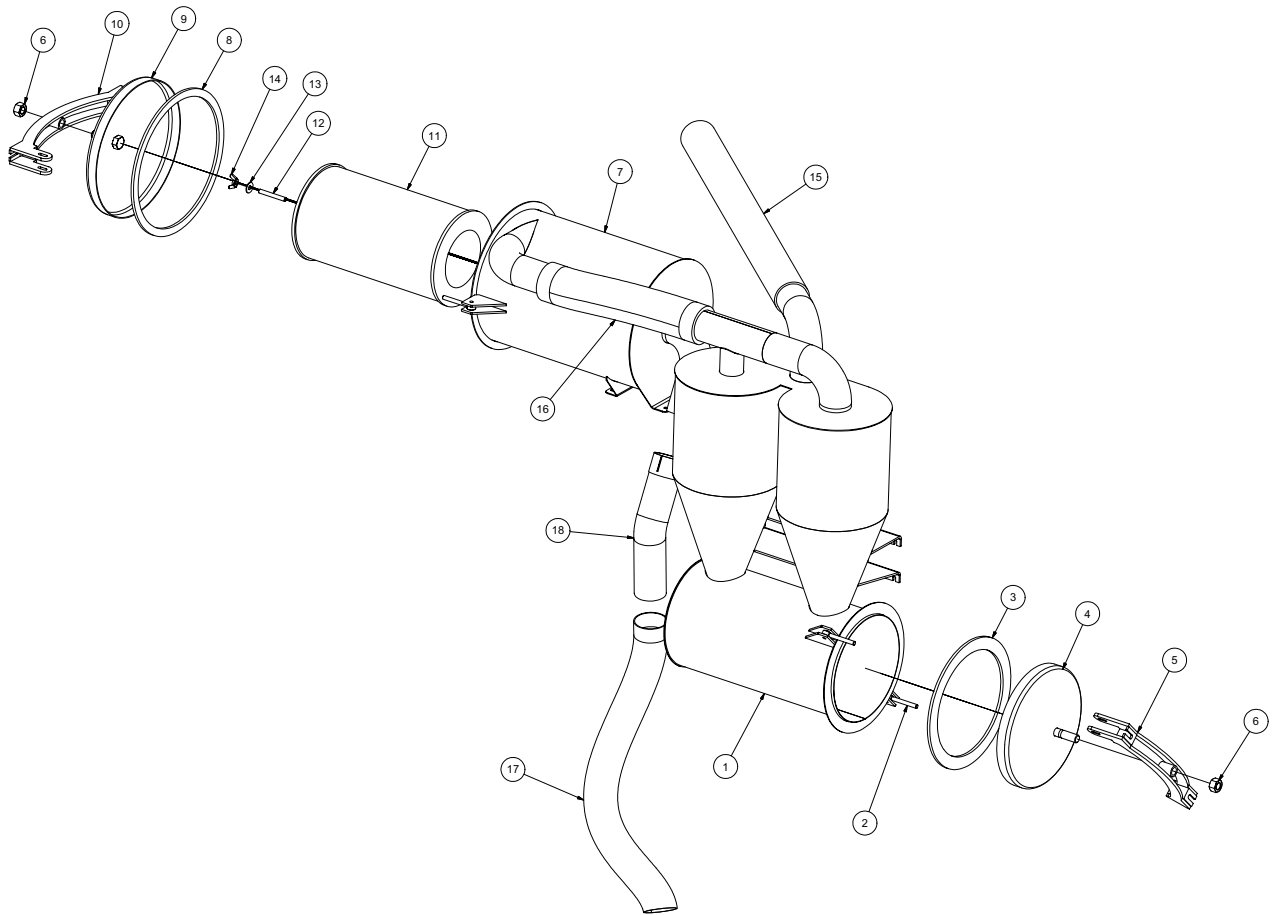
Filtration

1025

ITEM	QTY	PART #	DESCRIPTION
1	1	8040911	HD CYCLONE SEPERATOR HOUSING
	4	U000420	SCREW,HC 3/8-16X1.00
	4	U200600	WASHER,FLAT 3/8"
	4	U210061	NUT,HEX NY 3/8-16
2	1	8041272	575/1025 CYCLONE DOOR ASSY
3	1	8041197	KNOB,CYCLONE
	1	U200600	WASHER,FLAT 3/8"
	1	U210061	NUT,HEX NY 3/8-16
4	1	8041232	WASHER,RUBBER BACKED 1/2"
5	1	8041444	SEAL DOOR 575/1025 CYCLONE
6	1	8042263	AIR FILTER HOUSING 1025CFM
	4	U000420	SCREW,HC 3/8-16X1.00
	8	U200600	WASHER,FLAT 3/8"
	4	U210061	NUT,HEX NY 3/8-16
7	1	8031293	WASHABLE AIR FILTER ELEMENT
8	1	U130080	NUT,WING 1/2-13
9	1	8041541	1025 DOOR WITH TAB
	1	U000560	SCREW,HC 3/8-16X3.00
	2	U200600	WASHER,FLAT 3/8"
	1	U210061	NUT,HEX NY 3/8-16
10	1	8041218	KNOB,AIR FILTER
11	1	8041232	WASHER,RUBBER BACKED 1/2"
12	1	8041450	AIR FILTER HOUSING DOOR SEAL
13	1	U200100	WASHER,FLAT 1/2"
14	1	8040302	THREADED ROD, AIR FILTER HSG
15	1	8042951	TANK TO CYCLONE HOSE AG SUCTION 4-58
	2	8042606	CLAMP HOSE T-BOLT 450
16	1	8044130	AIR FILTER TO BLOWER HOSE AG SUCTION 4-172
	2	8042606	CLAMP HOSE T-BOLT 450
17	1	8042931	CYCLONE TO AIR FILTER HOSE AG SUCTION 4-26
	2	8042606	CLAMP HOSE T-BOLT 450

HD Reverse Flow Filtration

1025



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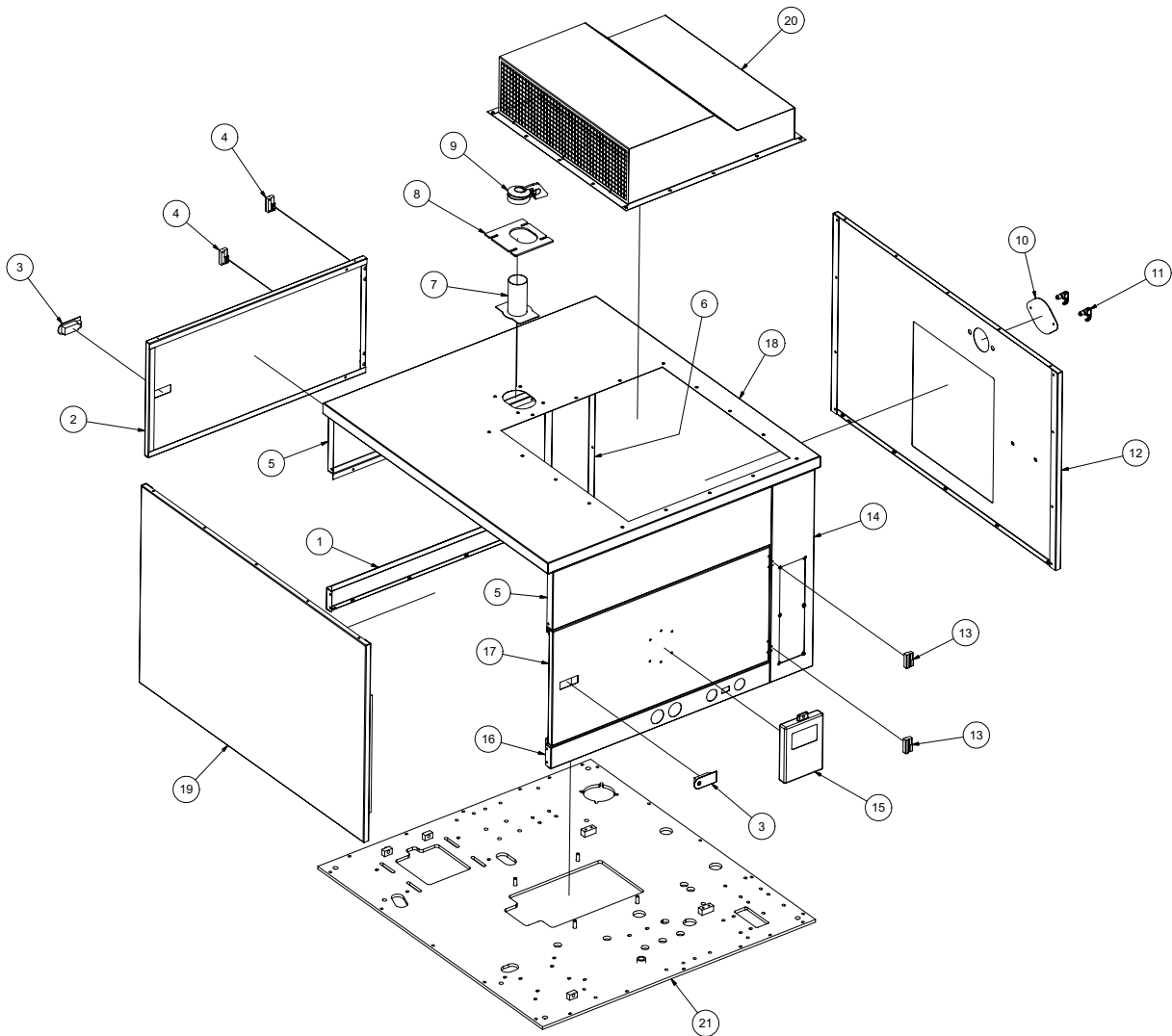
HD Reverse Flow Filtration

1025

ITEM	QTY	PART #	DESCRIPTION
1	1	8044137	HD CYCLONE SEPERATOR HOUSING - REVERSE FLOW
	2	U000580	SCREW,HC 3/8"-16X3.50
	8	U200600	WASHER,FLAT 3/8"
	2	U210061	NUT,HEX NYLOCK 3/8"-16
	4	8041593	EYEBOLT 1/2"-13X6.00
	4	8041594	HANDLE, WING 1/2"-13
3	1	8041612	HD CYCLONE SEAL - REVERSE FLOW
4	1	8041402	HD CYCLONE DOME DOOR - REVERSE FLOW
5	1	8041552	HD CYCLONE DOOR LATCH - REVERSE FLOW
	1	U200170	WASHER, FLAT 1"
6	2	U120060	NUT, HEX NYLOCK 1"-8
7	1	8044138	HD AIR FILTER HOUSING - REVERSE FLOW
	2	U000580	SCREW,HC 3/8"-16X3.50
	8	U200600	WASHER,FLAT 3/8"
8	1	8041613	HD AIR FILTER SEAL - REVERSE FLOW
9	1	8041387	HD AIR FILTER DOME DOOR - REVERSE FLOW
10	1	8041554	HD AIR FILTER DOOR LATCH - REVERSE FLOW
	1	U200170	WASHER, FLAT 1"
11	1	8031293	HDAIR FILTER ELEMENT
12	1	8040302	THREADED ROD, AIR FILTER HSG
13	1	U200100	WASHER,FLAT 1/2"
14	1	U130080	NUT, WING 1/2"-13
15	1	8042951	(V500) TANK TO CYCLONE HOSE AG SUCTION 4-58
	1	8044488	(V800) TANK TO CYCLONE HOSE AG SUCTION 4-66
	2	8042606	CLAMP HOSE T-BOLT 450
16	1	8042931	CYCLONE TO AIR FILTER HOSE AG SUCTION 4-26
	2	8042606	CLAMP HOSE T-BOLT 450
17	1	8042951	(V500) AIR FILTER TO U-PIPE AG SUCTION 4-58
	1	8044489	(V500) U-PIPE TO HEADER PIPE AG SUCTION 4-75
	1	8044511	(V800) AIR FILTER TO VACUUM BREAK AG SUCTION 4-36
	1	8041741	(V800) VACUUM BREAK TO HEADER PIPE AG SUCTION 4-72
	4	8042606	CLAMP HOSE T-BOLT 450
18	1	8043528	ELBOW 30 DEG 4"ID-OD
	1	8030400	CLAMP BAND 4"

Enclosure Assembly

99HP AW



Enclosure Assembly

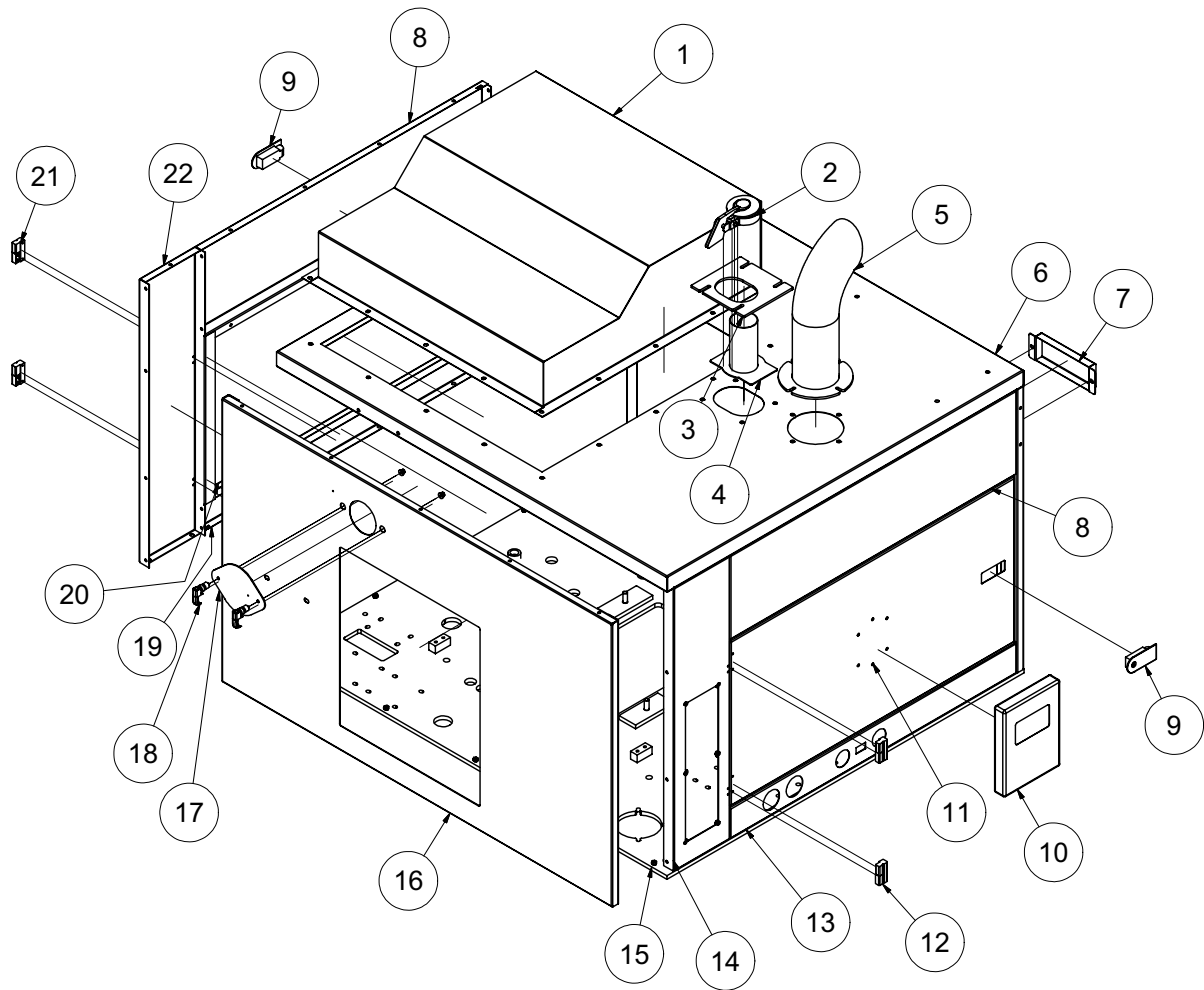
99HP AW

ITEM	QTY	PART #	DESCRIPTION
1	1	8044254	PANEL SIDE LOWER
2	1	8044258	DOOR PANEL
3	2	8040586	SEALED LEVER LATCH
	1	8041816	KEY DOOR SOUTHCO LATCH
4	2	8040589	OFFSET HINGE TYPE A
	8	U010010	SCREW,HSH #10-32 X 3/8"
5	2	8044257	PANEL SIDE UPPER
6	1	8043922	PANEL SIDE VERTICAL
7	2	8044538	EXHAUST PIPE
8	1	8044541	EXHAUST CLAMP PLATE
9	1	8044537	RAIN CAP 3" SILENT
10	1	8040592	RADIATOR ACCESS COVER
11	2	8040334	SWELL LATCH
	2	U120147	NUT,FLANGED LOCK 5/16-24
12	1	8044551	PANEL FRONT
13	2	8043600	OFFSET HINGE TYPE B
	8	U010010	SCREW,HSH #10-32 X 3/8"
14	1	8043614	PANEL SIDE VERTICAL CONTROL
15	1	E250210	MANUAL BOX
16	1	8044256	PANEL SIDE LOWER FOR GAUGES
17	1	8044260	PANEL DOOR FOR MANUAL BOX
18	1	8044520	PANEL TOP
19	1	8044252	PANEL REAR
20	1	8044523	AIR INLET BOX
21	1	8044242	MAIN PLATE
*	36	U000060	SCREW,HC 1/4-20X1
*	36	U000020	SCREW,HC 1/4-20X1/2
*	128	U200020	WASHER,FLAT 1/4
*	52	U120100	NUT,HEX LOCK 1/4
*	1	8041171	HANDLE
	2	U001017	SCREW,HSH 1/4-20X1.25
	2	U200020	WASHER,FLAT 1/4
	2	U120100	NUT,HEX LOCK 1/4-20
*	2	8041504	DOOR SEAL VERTICAL

* NOT SHOWN

Enclosure Assembly

99HP AWRC



Enclosure Assembly

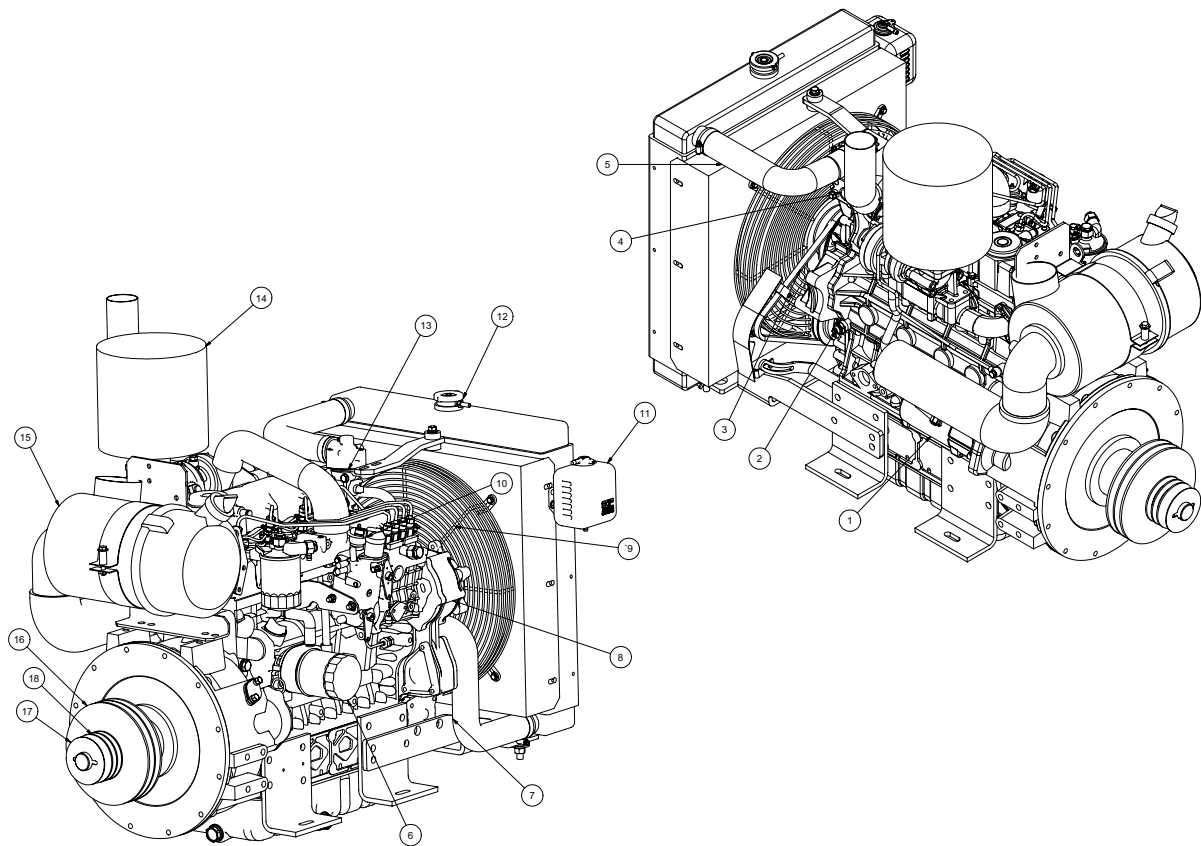
99HP AWRC

ITEM	QTY	PART #	DESCRIPTION
1	1	8044523	87HS - INLET BOX
2	1	8044537	3" RAIN CAP SILENT
3	1	8044541	87HS - 3" EXHAUST PIPE ALIGNMENT PLATE
4	1	8044538	87HS - 3" EXHAUST WELDMENT
5	1	8046720	EXHAUST PIPE BLOWER 99AW NON-REV FLOW
6	1	8044520	87HS PANEL TOP WELDMENT
7	1	8046716	PANEL GUARD ENGINE SHAFT 99AWJ
8	2	8044257	73HS PANEL SIDE UPPER
9	2	8040586	SEALED LEVER LATCH
	1	8041816	KEY DOOR SOUTHCO LATCH
10	1	E250210	BOX. PLASTIC FOR SAFETY MANUAL
11	1	8044258	73HS PANEL DOOR
12	2	8040589	OFFSET HINGE TYPE "B"
13	1	8046552	99AW PANEL SIDE LWR GAUGE WELDMENT (OPP)
14	1	8043917	49VK VERTICAL CONTROL WELDMENT (OPP)
15	1	8045293	MAIN PLATE 87HP AW - WELDMENT
16	1	8044551	87HS PANEL FRONT
17	1	8040592	ENCLOSURE RADIATOR COVER
18	2	8040334	SWEL LATCH
19	1	8044254	73HS PANEL SIDE LOWER WELDMENT
20	1	8044258	73HS PANEL DOOR
21	2	8040588	OFFSET HINGE TYPE "A"
22	1	8043924	49VK PANEL SIDE VERTICAL BLANK WELDMENT

*	36	U000060	SCREW,HC 1/4-20X1
*	36	U000020	SCREW,HC 1/4-20X1/2
*	128	U200020	WASHER,FLAT 1/4
*	52	U120100	NUT,HEX LOCK 1/4
*	1	8041171	HANDLE
	2	U001017	SCREW, HSH 1/4-20X1.25
	2	U200020	WASHER,FLAT 1/4
	2	U120100	NUT,HEX LOCK 1/4-20
*	2	8041504	DOOR SEAL VERTICAL

* NOT SHOWN

Engine Kubota V3800T



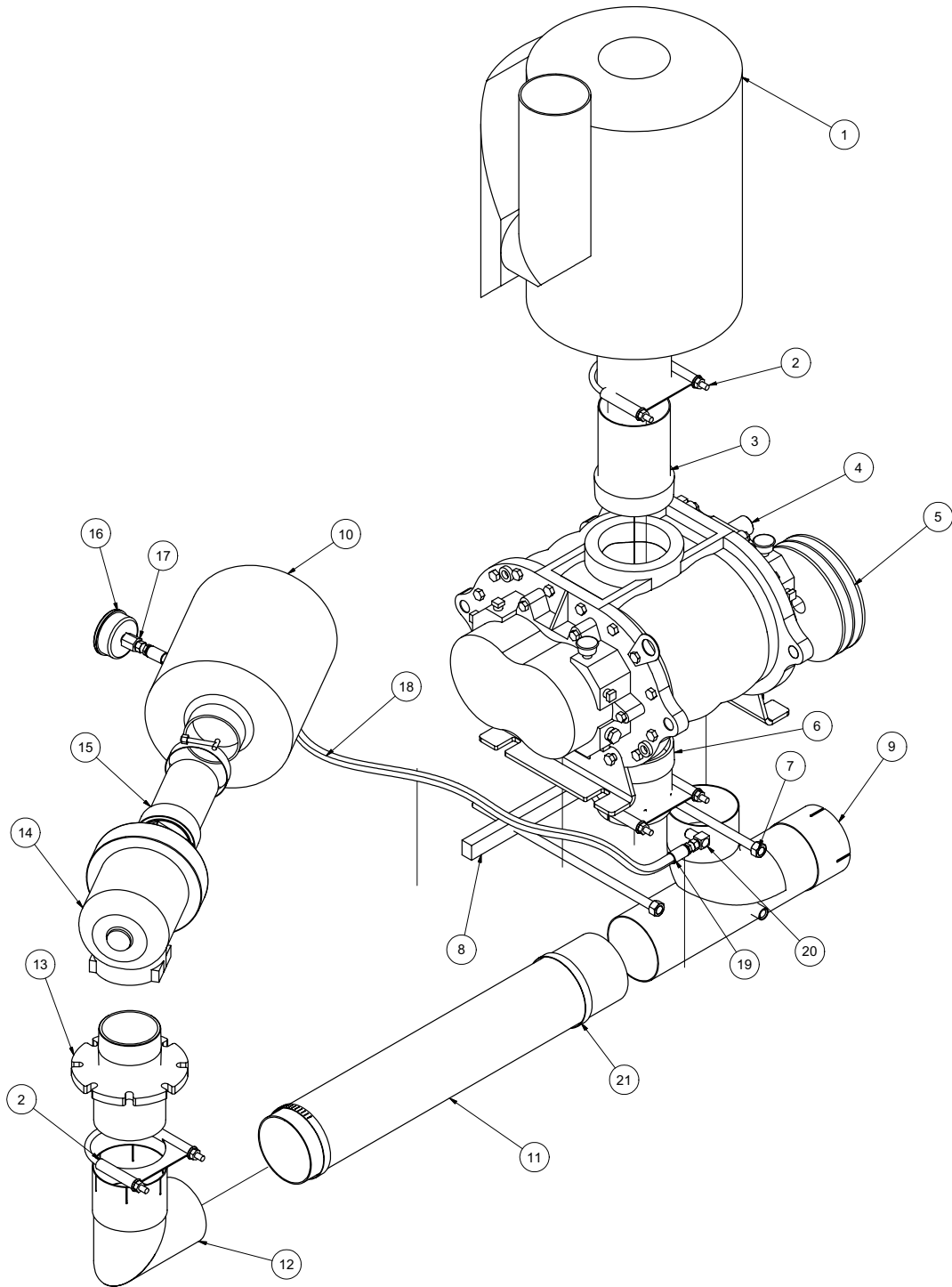
Engine Kubota V3800T

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8046034	STARTER
2	1	8030960	OIL PRESSURE SWITCH
3	1	8046035	FAN BELT
4	1	8043952	WATER TEMPERTURE SWITCH
5	1	8045585	UPPER RADIATOR HOSE
6	1	8032002	OIL FILTER
7	1	8045586	LOWER RADIATOR HOSE
8	1	8046036	ALTERNATOR
9	1	8045588	FAN
10	1	8045589	FUEL SHUTOFF SOLENOID
11	1	8045590	OVERFLOW TANK OVERFLOW TANK CAP (Sold With Tank)
12	1	8045591	RADIATOR CAP
13	1	8045592	THERMOSTAT
14	1	8044485	MUFFLER
15	1	8045594	AIR FILTER HOUSING
*	1	8041055	AIR FILTER ELEMENT (INNER)
*	1	8041054	AIR FILTER ELEMENT (OUTER)
16	1	8044243	SHEAVE, BLOWER 8.35"OD 2517 TL
	1	8042659	BUSHING, TL2517 1 7/16"
17	1	8041799	KEYWAY RETAINER
18	1	8044244	SHEAVE, WATERPUMP 3.95" OD QT 2-GROOVE
	1	8044245	BUSHING, 1 7/16" QT
*	1	8041053	FUEL FILTER
*	1	8045595	FUEL PUMP
*	1	T400106	RADIATOR DRAIN FITTING
*	1	8046052	SOLENOID SPRING SWIVEL
OPTION FOR JETTER			
*	1	8046698	GREASE BOLT SPACER
*	1	8046699	GREASE BOLT

* Not Shown

Blower Assembly

73HP 1025



102610-E

VACASSY207

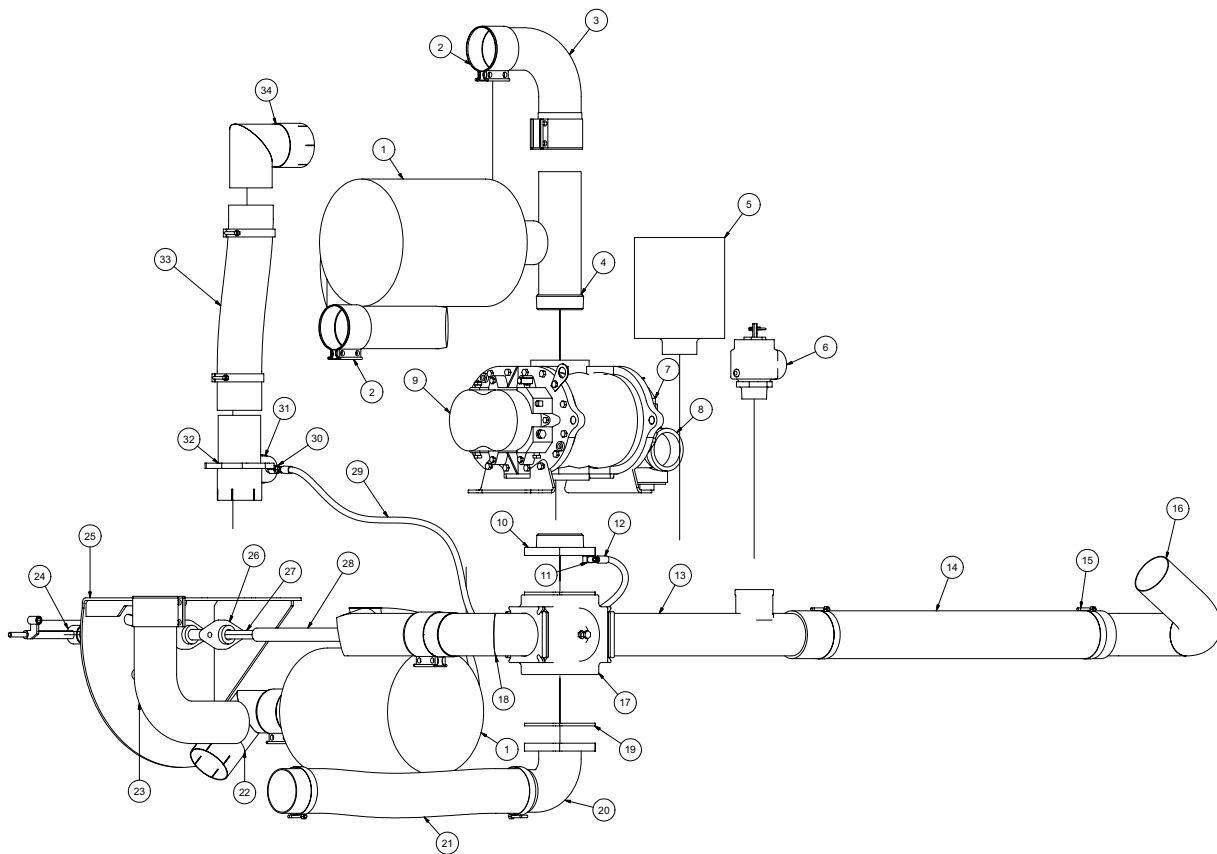
Blower Assembly

73HP 1025

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8030917	SILENCER, 1025CFM, COWL
2	3	8031193	4IN U-BOLT EXHAUST
3	1	8045239	UNION EXHAUST 4"OD - MNPT
4	1	8040001	BLOWER (MODEL 59)
	4	U000817	SCREW, HC 1/2"-13 X 1"
	4	U210100	WASHER, LOCK 1/2"
	4	U200100	WASHER, FLAT 1/2"
5	1	8040484	SHEAVE 6.95DIA. 2-GROOVE
*	1	8040703	SHEAVE 6.15OD SDS 2-GROOVE (OPTIONAL JETTER)
	1	8040485	BUSHING 1 1/8" SDS
	1	U410090	KEY 1/4" X 1/4" X 2 3/4"
	2	8044517	BX 57 BELT
6	1	8040991	ADAPTER 4" MNPT - 4"ID
7	2	8041507	TENSION ROD
8	1	8040904	TENSION BLOCK 1025CFM
9	1	8045036	WYE 4" IDOD/ W 1/4" PORT
10	1	8043553	FILTER, AIR 3" 245CFM
11	1	8045344	HOSE VAC AG SUCTION 4-31
12	1	8045331	4" ELBOW 90DEG WELDMENT ID-OD
13	1	8045333	BRACKET VACUUM RELIEF 1025
14	1	8030866	BAYCO VALVE 1025
15	1	8045219	SILENCER MOUNT 575
16	1	8030371	VACUUM GAUGE
17	1	8030483	UNION 4FP-4MJ
18	1	8042355	HOSE ASSY VAC 4-60 ST-ST
19	2	T320030	FITTING, HOSE 4HO-4FJ
20	1	T401100	ELBOW 4MP-4MJ 90DEG
21	2	8042606	CLAMP T-BOLT 4" (450)

Blower Assembly

73HD REV FLOW



Blower Assembly

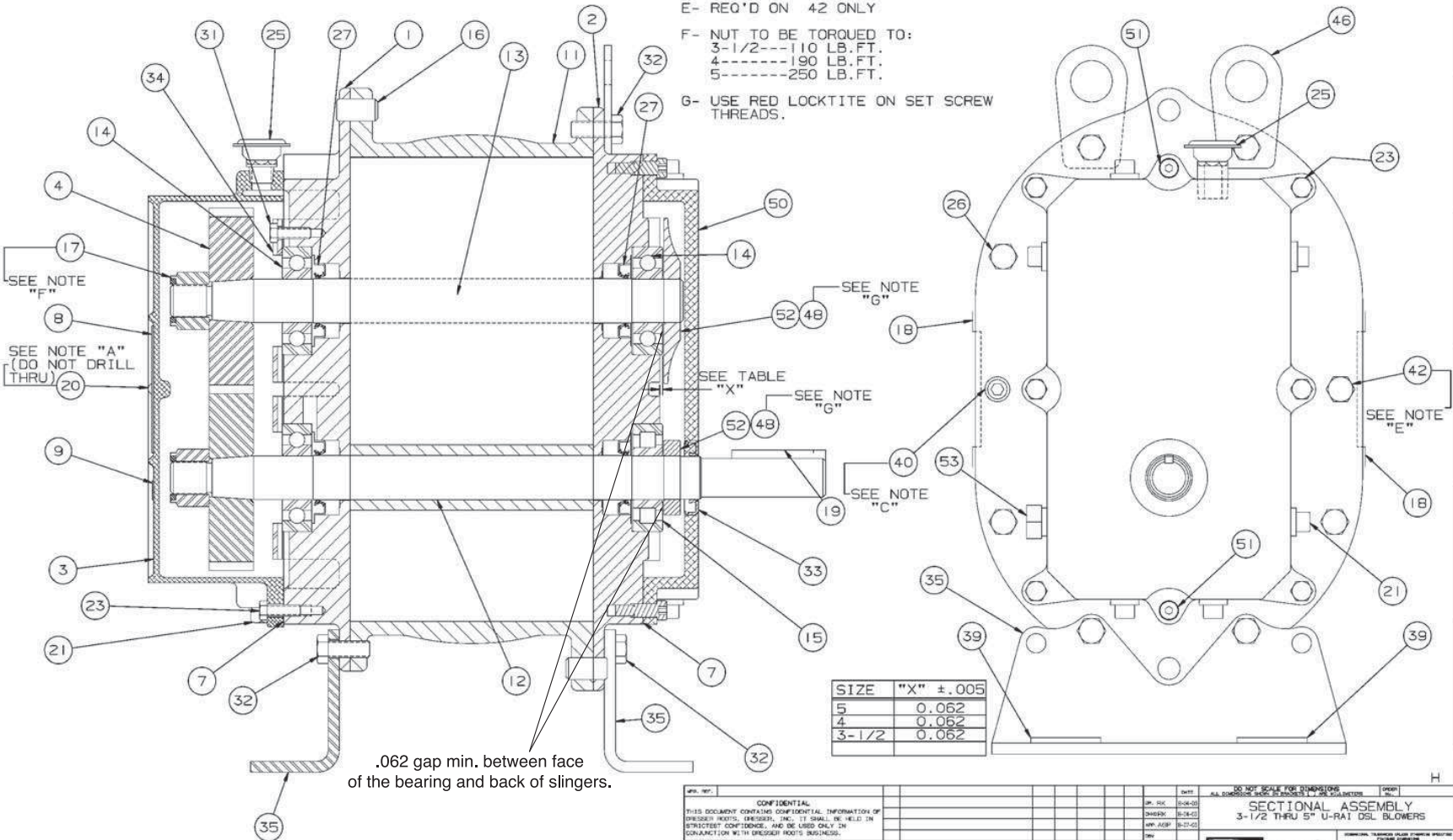
73HD REV FLOW

ITEM	QTY	PART NO.	DESCRIPTION
1	2	8030917	SILENCER, 1025 CFM, COWL
2	6	8030400	4" BAND CLAMP
3	1	8040929	4IN ELBOW ID-OD 8"LG
4	1	8045018	4" EXHAUST TUBE ADAPTER WELD'T
5	1	8043553	FILTER AIR 3" 245 CFM
6	1	8041035	PRESSURE RELIEF 1025
7	1	8040484	SHEAVE 6.95DIA 2 GROOVE
*	1	8040703	SHEAVE 6.15OD SDS 2-GROOVE (OPTIONAL JETTER)
	1	8040485	BUSHING 1 1/8" SDS
	1	U410090	KEY 1/4" X 1/4" X 2 3/4"
8	1	8030866	KUNKLE VALVE, 1025 CFM
9	1	8040001	BLOWER (MODEL 59)
	4	U000817	SCREW, HC 1/2" - 13 X 1"
	4	U210100	WASHER, LOCK 1/2"
	4	U200100	WASHER, FLAT 1/2"
10	1	8044330	REV FLOW 4" HEADER NIP ASSY
11	1	T401100	ELBOW, 4MP - 4MJ 90
12	2	T320030	FITTING, HOSE 4HO - 4FJ
13	1	8044208	REV FLOW SKID HEADER WELD'T
14	1	8044650	HOSE ASSY VAC 4-96 ST-ST
15	6	8042606	CLAMP T-BOLT 4" (450)
16	1	8044451	EXHAUST ELBOW TANK PIVOT 4"
17	1	8041177	4IN 4-WAY VALVE
18	1	8045271	AIR RELEASE ELBOW W/FLANGE
19	4	8043554	GASKET 4-WAY VALVE 4"
20	1	8044636	4' ELBOW 90 OD-FLANGE (3"RAD)
21	1	8043841	HOSE ASSY VAC 4-25 ST-ST
22	1	8044789	AIR RELEASE ELBOW CONNECTOR
23	1	8041814	ELBOW, 4" (4.5"RAD, OD-OD)
24	1	8041617	HANDLE 4"REV FLOW (W/O GRIP) (TRAILER UNIT)
	1	8045404	REV FLOW HANDLE (SKID UNIT)
25	1	8044368	REV FLOW FACEPLATE BRACKET (TRAILER UNIT)
	1	8045405	REV FLOW FACEPLATE BRACKET (SKID UNIT)
26	1	W030080	FLANGE BEARING - 2 BOLT (1"BORE)
27	1	8044365	REV FLOW SHAFT EXT (SHORT) WELD'T
28	1	8044362	REV FLOW SHAFT EXT (LONG) WELD'T
29	1	8044833	HOSE ASSY VAC 4-73 ST-90
30	1	8030483	UNION 4FP-4MJ
31	1	8030372	WATER PRESSURE GAUGE 1/4NPT
32	1	8044766	BRACKET 4" ID - 4"OD W/FLANGE
33	1	8044268	HOSE ASSY VAC 4-22 ST-ST
34	1	8044114	4" ELBOW 90 WELD'T ID-OD

091610-E

VACASSY211

NOTES: A- INSTALL ITEM #20 (SCREW) IN ASSEMBLY
 C- 3-1/2 REQ'D SOC. HD. ON G.E. AND D.E.
 E- REQ'D ON 42 ONLY
 F- NUT TO BE TORQUED TO:
 3-1/2---110 LB.FT.
 4-----190 LB.FT.
 5-----250 LB.FT.
 G- USE RED LOCKTITE ON SET SCREW
 THREADS.



APR 1997

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REF. SYMBOLS:
 1/ FLANGES
 2/ FLOWERS
 3/ ANGLE
 4/ PARALLELISM
 5/ TYP. POSITION
 6/ STRAIGHTNESS

QUALITY SYMBOLS:
 1/ CONFORMITY
 2/ PERPENDICULARITY
 3/ PROFILE OF LINE
 4/ PROFILE OF A SURFACE
 5/ CHAMFER
 6/ FINISH TO MICRO INCHES

REVISIONS

DATE

BY

DATE

SCALE: FULL

DO NOT SCALE FOR DIMENSIONS

SECTIONAL ASSEMBLY
 3-1/2 THRU 5" U-RAI DSL BLOWERS

DRESSER
 Dresser 8000, Dresser, Inc.
 Houston, TX USA

T30356023 REV A

Assembly of URAI DSL Blowers with Splash Lubricated Drive End 3-5" Gear Diameter

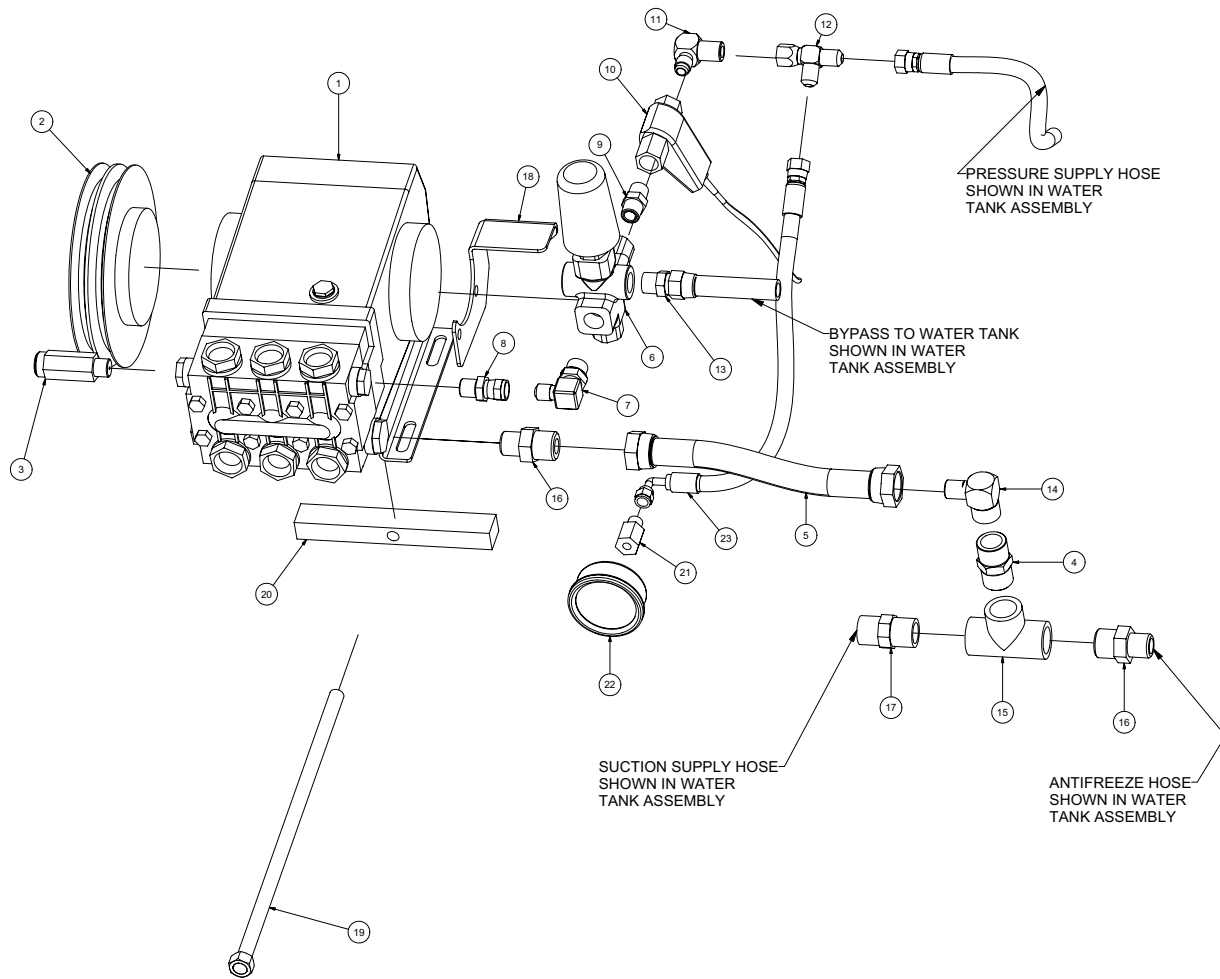
**URAI-DSL Splash Lubricated Blowers
4" Gear Diameter**

Item #	Qty	Part #	Description
1	1	8041250-1	Headplate Gear End
2	1	8041250-2	Headplate Drive End
3	1	8041250-3	Gearbox
4	2	8041250-4	Timing Gears
7	1	8041250-7	Gasket, Gear Box, DE Cover
11	1	8041250-11	Cylinder
12	1	8041250-12	Impeller & Shaft Drive
13	1	8041250-13	Impeller & shaft Driven
14	3	8041250-14	Bearing, Ball
15	1	8041250-15	Bearing, Roller
16	4	8041250-16	Pin, Dowel
17	2	8041250-17	Gear Nut
19	1	8041250-19	Key
21	3	8041250-21	Plug, Pipe
23	6	8041250-23	Screw Hex
25	1	8041250-25	Breather (Plug Vent)
26	*	8041250-26	Screw, Hex
27	4	8041250-27	Seal, Lip Bearing
31	4	8041250-31	Screw, Hex, Nylock
32	6	8041250-32	Screw, Hex
33	1	8041250-33	Seal Lip-Drive
34	2	8041250-34	Clamp Plate
35	2	8041250-35	Foot
39	4	8041250-39	Washer Mounting
40	2	8041250-40	Screw Socket
42	2	8041250-42	Screw Hex
48	4	8041250-48	DE Oil Slinger Set Screw
50	1	8041250-50	Drive End Cover
52	2	8041250-52	Drive End Oil Slinger
53	2	8041250-53	Oil Sight Glass

*Quantities vary by blower.

Water Pump Assembly

TS2021



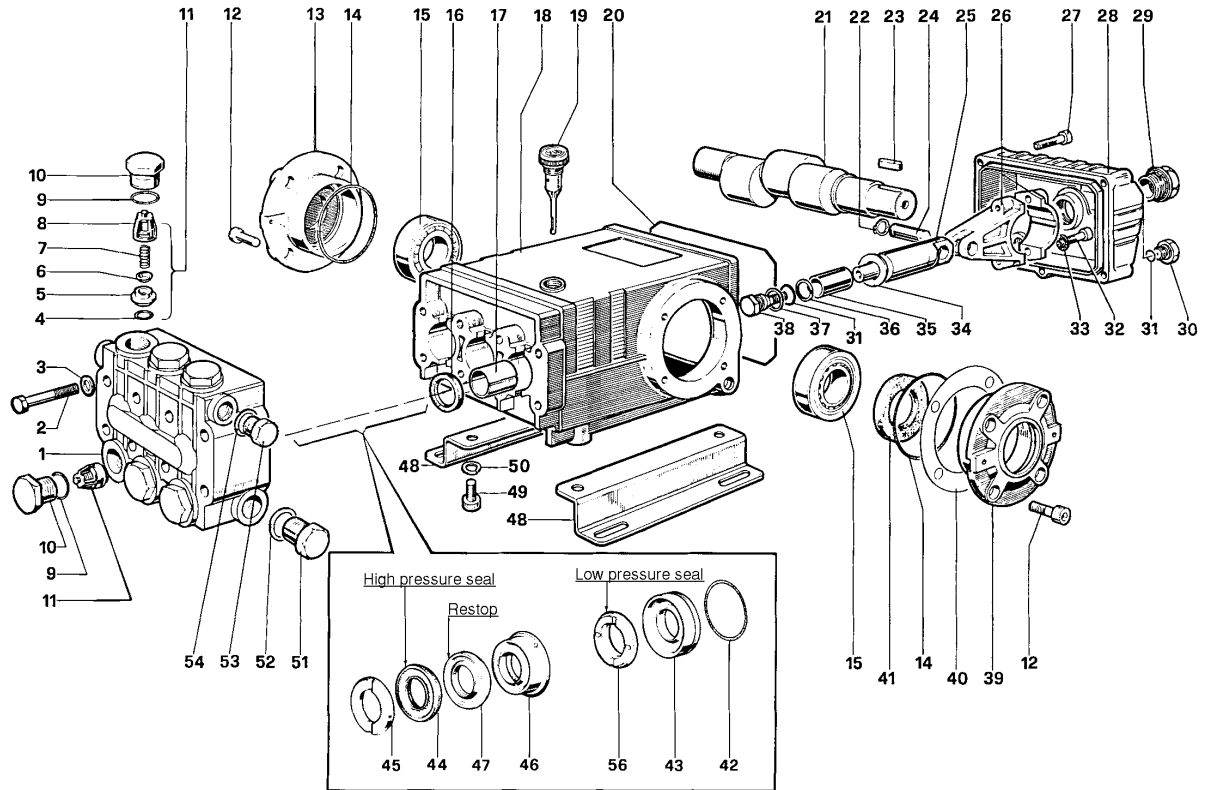
Water Pump Assembly

TS2021

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8031279	WATER PUMP
	4	U000420	SCREW, HC 3/8"-16 X 1"
	4	U210060	WASHER, LOCK 3/8"
	4	U200600	WASHER, FLAT 3/8"
2	1	8030961	WATER PUMP CLUTCH
	1	U410094	KEY 5/16" X 5/16" X 1 3/8"
3	1	8030340	SAFETY RELIEF VALVE 6GPM
4	1	T400080	REDUCER 12MP-8MJ
5	1	8040972	HOSE VAC PUSH 12-8 1/2
	2	8030525	FITTING, HOSE #12FJ PUSH LOCK
6	1	8040177	VALVE, UNLOADER, PULSAR 3
7	1	T401140	ELBOW, 90 1/2"MP-1/2"MJ
8	1	T401125	REDUCER, 3/8MP-1/2FJ
9	1	T400805	UNION, 3/8 MP - 3/8 MP
10	1	8031267	FLOW SWITCH
11	1	T401102	ELBOW, 90 6MJ-6MP
12	1	T402153	TEE 6MJ 6MJ 6FJ
13	1	T400030	REDUCER, 6MP 8MJ
14	1	T401160	ELBOW, 90 3/4 MJ - 1/2 MJ
15	1	T402160	TEE, 3/4FP-3/4FP-3/4FP
16	2	T400080	REDUCER, 12MP 8MJ
17	1	T400100	UNION, 12MP 12MJ
18	1	8043859	WATER PUMP FILTER BRACKET
19	1	8040751	ROD TIGHTENER WELD'T
20	1	8040893	TENSIONER BLOCK, ADJUSTING
21	1	T400110	UNION, 1/4FP-1/4MJ
22	1	8030372	WATER PRESSURE GAUGE 1/4NPT
23	1	8044125	HOSE VAC PUMP TO GAUGE 4-24 ST-90
*	2	8041803	BELT, AX 47 (67/73HP)
	2	8034157	BELT, AX 39 (36HP)
	2	8041082	BELT, AX 48 (99HP COMP 1025 CFM)
	2	8040876	BELT, AX 45 (49HP)

* NOT SHOWN

Water Pump TS2021



TORQUE SPECS*

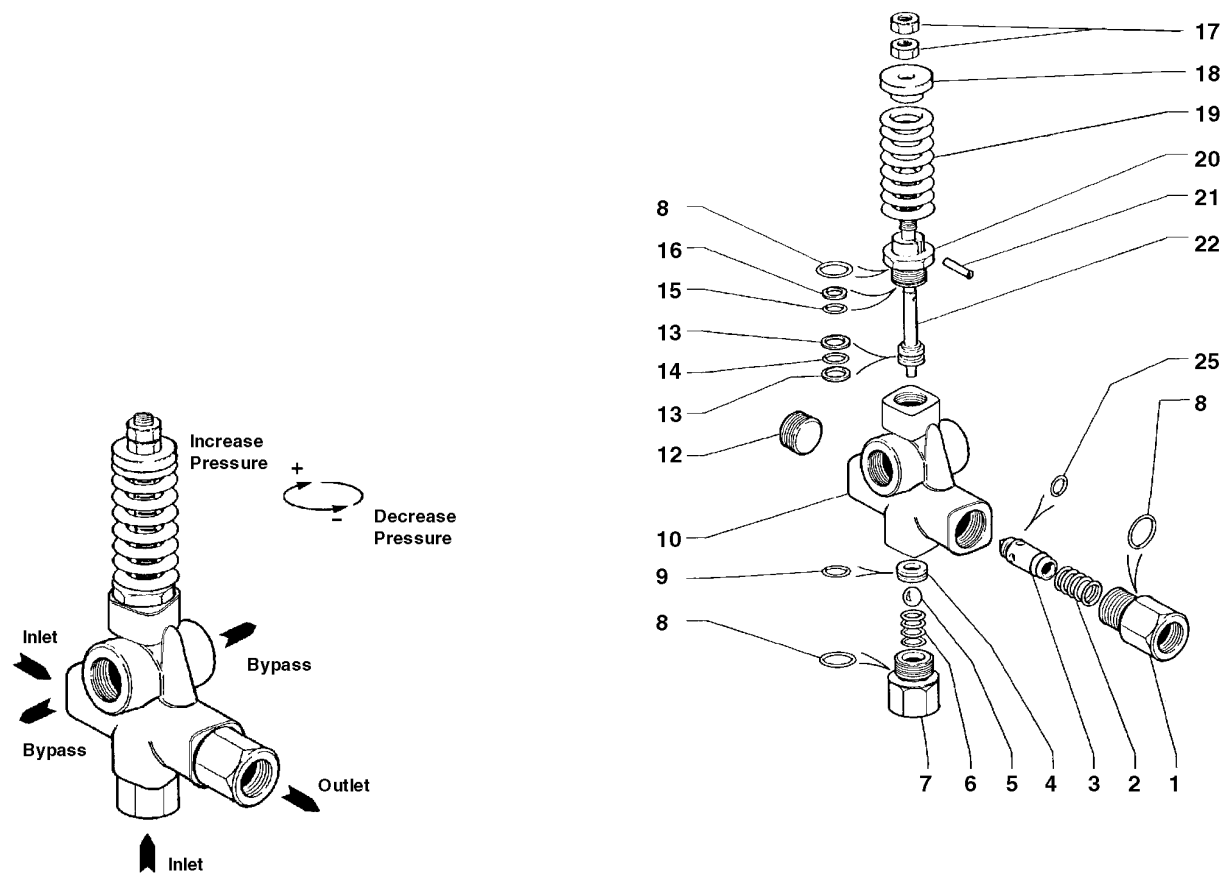
*Decrease torque by 20%
if threads are lubricated

Position	Ft. Lbs.	N-M
2	22.1	29.9
10	73.7	99.9
12	14.7	19.2
27	7.3	9.9
29	13.2	17.9
30	14.7	19.2
32	14.7	19.2
38	14.7	19.2
49	29.4	39.8
51	29.4	39.8
53	29.4	39.8

Water Pump TS2021

ITEM	QTY.	PART #	DESCRIPTION	KIT #	ITEM #'S INCL'D IN KIT	NO. OF ASSY IN KIT	NO. OF CYL KIT WILL SERVICE
1	1	8031280-1	Manifold	8031280-KIT1	4, 5, 6, 7, 8 (11)	6	3
2	8	8031280-2	Screw, M8 x 70	8031280-KIT2	16	3	3
3	8	8031280-3	Washer, M8 x 4	8031280-KIT3	41	2	0
4	8	8031280-4	O-ring, .674 x .103	8031280-KIT4	9, 10	6	3
5	6	8031280-5	Seat, Valve	8031280-KIT5	9, 10	6	3
6	6	8031280-6	Plate, Valve	8031280-KIT6	31, 34	3	3
7	6	8031280-7	Spring		36, 37, 38		
8	6	8031280-8	Guide, Valve	8031280-KIT7	45	6	3
9	6	8031280-9	O-ring,.797x.103	8031280-KIT10	42, 43	3	3
10	6	8031280-10	Cap	8031280-KIT28	42, 43, 44,	1	1
11	6	8031280-11	Valve Assembly		45, 45, 47, 56		
12	8	8031280-12	Screw, M8 x 16	8031280-KIT69	44, 47, 56	3	3
13	1	8031280-13	Cover, Crankcase	8031280-KIT71	46, 47	3	3
14	2	8031280-14	O-ring, 2.675 x .103				
15	2	8031280-15	Bearing, Roller				
16	3	8031280-16	Seal, Oil				
17	3	8031280-17	Bushing				
18	1	8031280-18	Crankcase				
19	1	8031280-19	Oil Dip Stick				
20	1	8031280-20	O-ring, Cover				
21	1	8031280-21	Crankshaft				
22	6	8031280-22	Ring, Snap				
23	1	8031280-23	Key				
24	3	8031280-24	Pin, Wrist				
25	3	8031280-25	Guide, Plunger				
26	3	8031280-26	Rod, Connecting				
27	5	8031280-27	Screw, M6 x 30				
28	1	8031280-28	Cover, Crankcase				
29	6	8031280-29	Oil Indicator				
30	1	8031280-30	Cap				
31	4	8031280-31	O-ring,.426x.070				
32	6	8031280-32	Screw, M8 x 35				
33	6	8031280-33	Washer, M8.4				
34	3	8031280-34	Washer, M14				
35	3	8031280-35	Plunger (20 mm)				
37	3	8031280-37	Washer				
38	3	8031280-38	Screw, Plunger				
39	1	8031280-39	Cover, Crankcase				
40	2	8031280-40	Shim				
41	1	8031280-41	Seal, Oil				
42	3	8031280-42	O-ring, 1.364x.070				
43	3	8031280-43	Retainer, Packing				
44	3	8031280-44	Packing				
45	3	8031280-45	Ring, Head, M20				
46	3	8031280-46	Intermed. Ring				
47	3	8031280-47	Testop Ring				
48	2	8031280-48	Pump Feet				
49	4	8031280-49	Screw, M10 x 18				
50	4	8031280-50	Washer, M10.2				
51	1	8031280-51	Cap				
52	1	8031280-52	Washer, M21.5				
53	1	8031280-53	Cap				
54	1	8031280-54	Washer, M17.5				
56	3	8031280-56	Seal,Low Press,20mm				

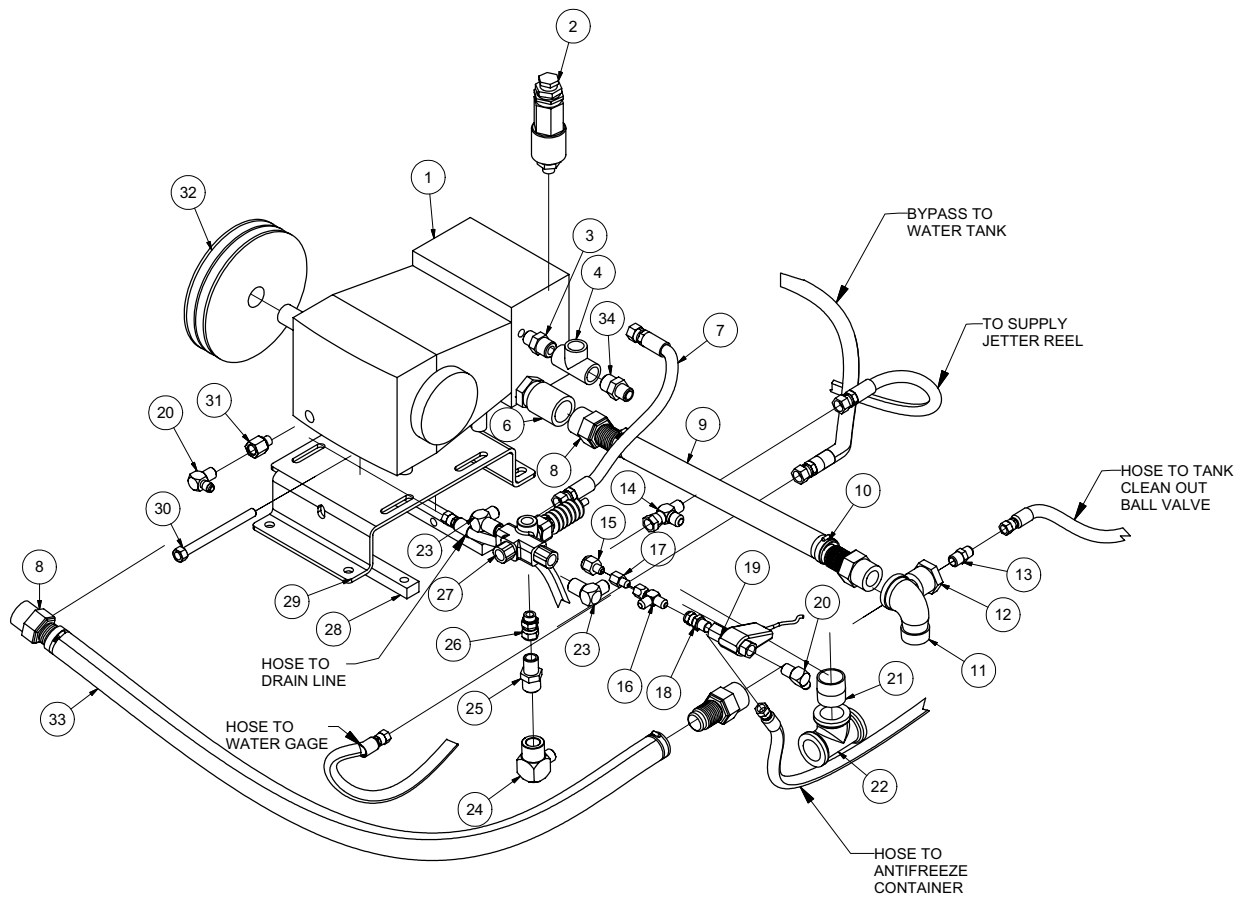
Unloader Valve YU2140



Unloader Valve YU2140

ITEM	QTY	PART #	DESCRIPTION
1	1	8030341-1	OUTLET CONNECTION
2	1	8030341-2	SPRING
3	1	8030341-3	CHECK VALVE
4	1	8030341-4	SEAT
5	1	8030341-5	SS BALL
6	1	8030341-6	SPRING
7	1	8030341-7	INLET CONNECTION
8	2	8030341-8	O-RING
9	1	8030341-9	O-RING
10	1	8030341-10	VALVE HOUSING
12	1	8030341-12	PLUG
13	2	8030341-13	BACK RING
14	1	8030341-14	O-RING
15	1	8030341-15	O-RING
16	1	8030341-16	BACK RING
17	1	8030341-17	NUT
18	1	8030341-18	SPRING GUIDE
19	1	8030341-19	SPRING-GREEN (YU2140)
20	1	8030341-20	PISTON HOUSING
21	1	8030341-21	PIN
22	1	8030341-22	PISTON
25	1	8030341-25	O-RING

Water Pump Assembly KE24



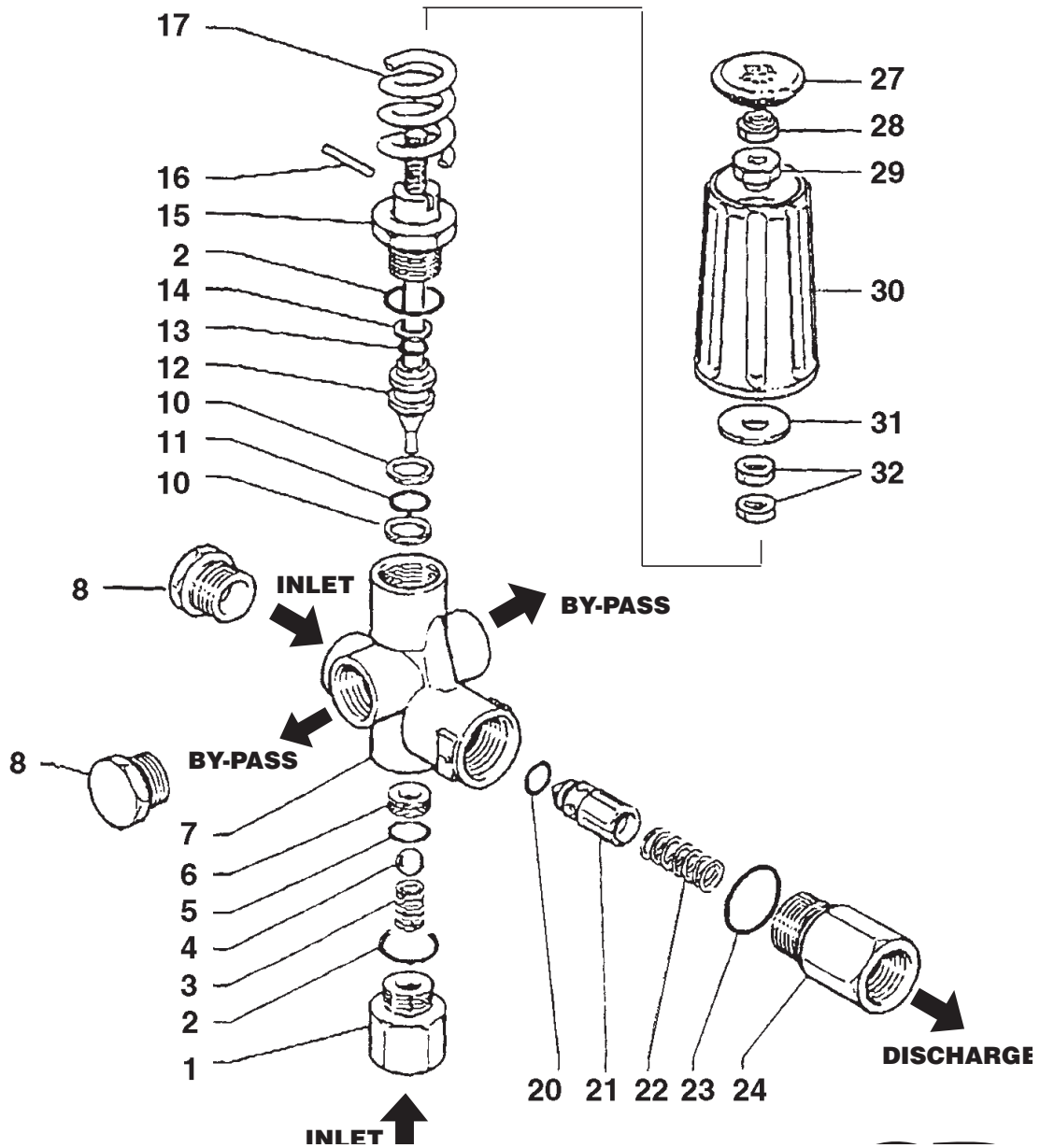
Water Pump Assembly KE24

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8042352	WATER PUMP KE24
2	1	8040556	SV2-300 SAFETY RELIEF VALVE
*	1	T400139	UNION, 1/2 MP-1/2 FBSPP
*	1	T403085	REDUCER, 3/4MP-1/2FP
3	1	T404030	REDUCER, 1/2MP-3/4MP
4	1	T402160	TEE, 3/4FP-3/4FP-3/4FP
5	1	T400618	REDUCER, 1"MP X 1 1/4"MP
6	1	T422080	COUPLING, 1 1/4"
7	1	8044647	HOSE ASSY VAC 8-14 ST-ST
8	4	8041312	FITTING, HOSE BARB 20HB-20MP
9	1	8042940	HOSE VAC CLEAR VINYL 1 1/4-18"
10	4	8040677	CLAMP, HOSE 1 1/2
11	1	T420120	STREET ELBOW 90 - 1 1/4"
12	1	T403110	REDUCER, 1 1/4"MP-1/2"FP GALV
13	1	8031291	UNION, 1/2MP-3/8MJ
14	1	T402155	TEE, 1/2"FJ-1/2"MJ-1/2"MJ
15	1	T403130	UNION, 8FJ-6MJ
16	1	T402153	TEE, 6MJ-6MJ-6FJ
17	1	8042267	ORIFICE 6MJ-6FJ .094"
18	1	T400813	UNION, 6FJ-6MP
19	1	8031267	FLOW SWITCH
20	2	T401102	ELBOW, 6MJ-6MP
21	1	T421040	NIPPLE, PIPE 1 1/4"MNPT
22	1	8041049	TEE, 1 1/4" PIPE
23	2	T401140	ELBOW, 8MP-8MJ
24	1	T401160	ELBOW, 12MP-12MJ
25	1	T400070	UNION, 1/2MP-3/4MJIC
26	1	T400814	UNION, 8MP-8FJ
27	1	8030341	VALVE, UNLOADER, GREENSPRING
28	2	8043317	TENSIONER BLOCK, ADJUSTING
29	1	8044167	PUMP BRACKET KE24A
30	1	8030020	ROD, TENSIONER
31	1	T400119	UNION, 3/8MBSPP X 3/8FP
32	1	8043248	SHEAVE, 9.75" OD SK 2-GROOVE
*	1	8040644	BUSHING, SK
33	1	8043076	HOSE VAC CLEAR VINYL 1 1/4-37"
34	1	T400080	REDUCER, 3/4"MP X 1/2"MJ

OPTION FOR COMPRESSOR SET UP

*	1	8046682	PUMP, MOUNT
*	2	8046731	TENSION BLOCK
*	2	8031186	BELT, BX 62

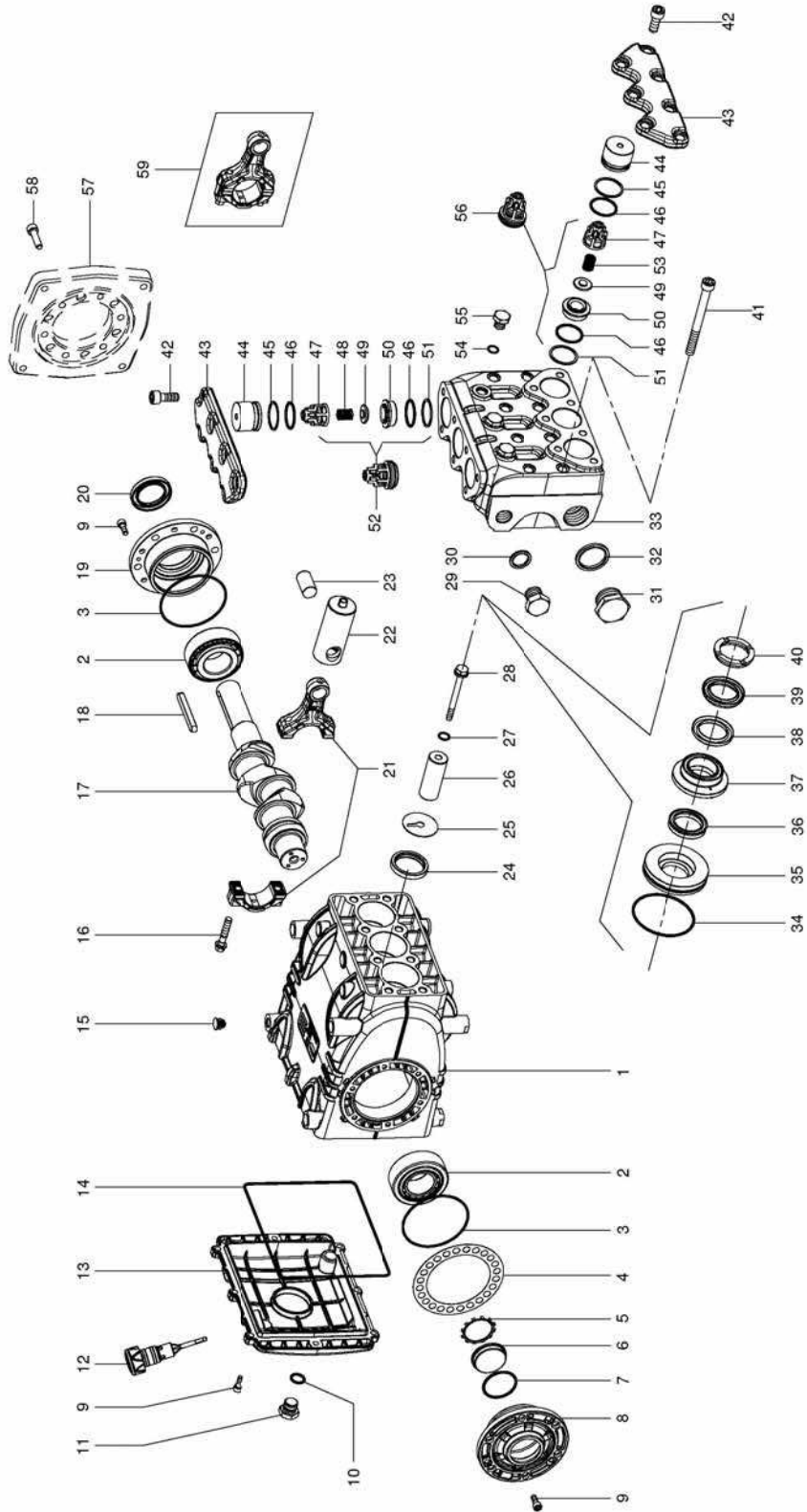
Unloader Valve PULSAR3KHP



Unloader Valve PULSAR3KHP

ITEM	QTY	PART #	DESCRIPTION
1	1	8040177-1	INLET FITTING, 3/8 NPT-F
2	2	8040177-2	O-RING, .676ID X .070CS
3	1	8040177-3	BALL SPRING
4	1	8040177-4	SS BALL, 13/32
5	1	8040177-5	O-RING, .437ID X .070CS
6	1	8040177-6	SS SEAT, .551OD X .335ID
7	1	8040177-7	BRASS BODY, 3/8 NPT
8	2	8040177-8	PLUG, 3/8"NPT
10	2	8040177-10	BACKUP RING
11	1	8040177-11	O-RING, .424ID X .103CS
12	1	8040177-12	SS PISTON
13	1	8040177-13	OORING, .299ID X .103CS
14	1	8040177-14	BACKUP RING
15	1	8040177-15	PISTON HOUSING
16	1	8040177-16	LOCKING PIN
17	1	8040177-17	BLUE SPRING
20	1	8040177-20	O-RING, .236ID X .118CS
21	1	8040177-21	CHECK VALVE
22	1	8040177-22	SS SPRING
23	1	8040177-23	O-RING, .739ID X .070CS
24	1	8040177-24	OUTLET FITTING, 3/8NPT-F
27	1	8040177-27	PLASTIC PLUG for KNOB
28	1	8040177-28	ZINC NUT, M8
29	1	8040177-29	INSERT M8
30	1	8040177-30	PLASTIC KNOB
31	1	8040177-31	WASHER, 9mm X 24mm
32	2	8040177-32	BRASS NUT, M8

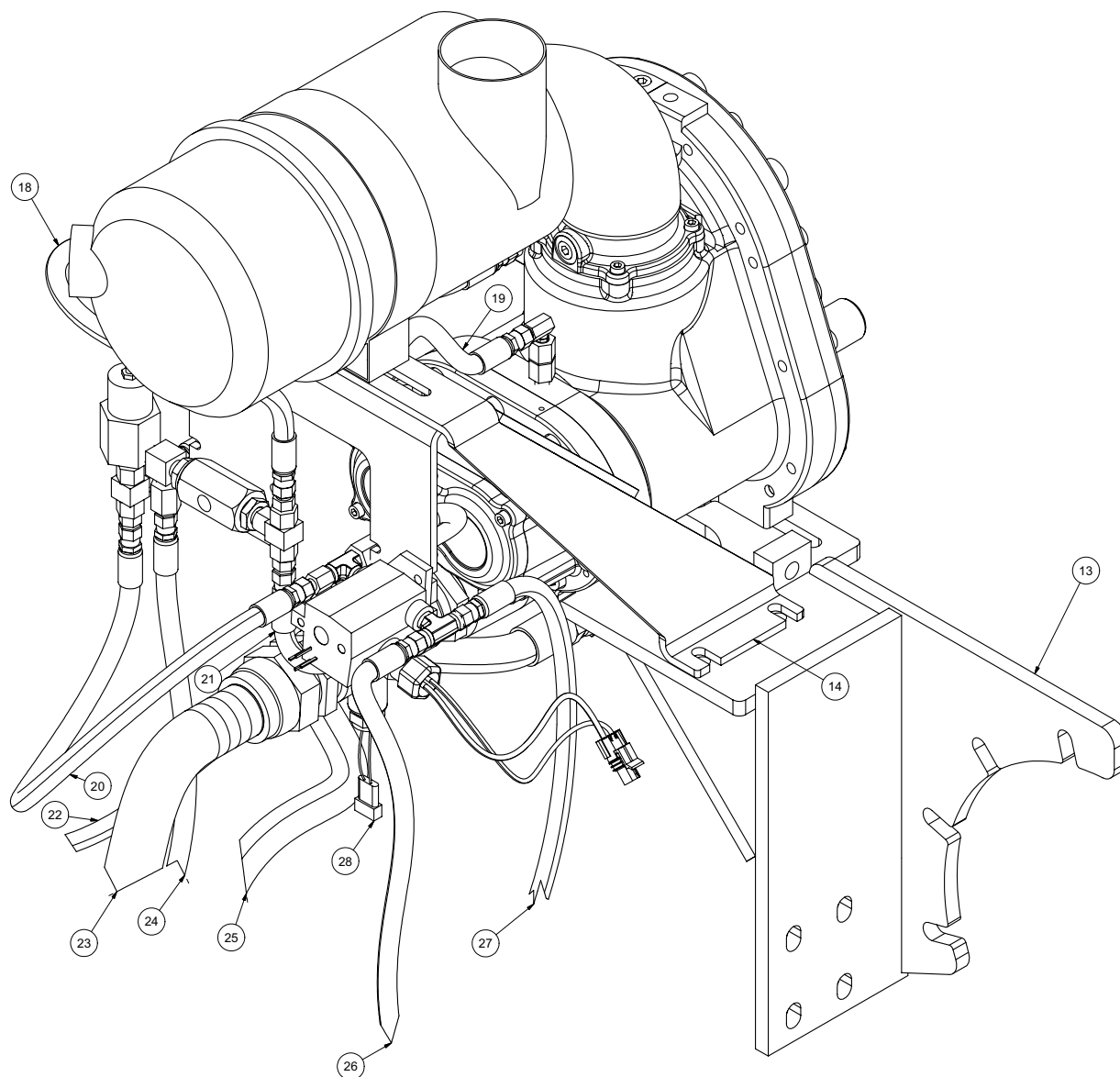
Water Pump Assembly KE24



Water Pump Assembly KE24

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8042352-1	PUMP CRANKCASE
2	2	8042352-2	ROLLER BEARING 33207/Q
3	2	8042352-3	O-RING D. 80,6X2,62
4		8042352-4	SHIM 0,1
		*	SHIM, 25
		*	SHIM, 0,35
5	1	8042352-5	RING ZJ45
6	1	8042352-6	OIL LEVEL INDICATOR
7	1	8042352-7	O-RING D. 39,34X2,62
8	1	8042352-8	OIL LEVEL INDICATOR SIDE BEARING COVER
9	20	8042352-9	SCREW TCEI M6X16 UNI 5931
10	1	8042352-10	O-RING D. 13,95X2,62
11	1	8042352-11	PLUG G3/8"
12	1	8042352-12	DIPSTICK
13	1	8042352-13	CRANKCASE COVER
14	1	8042352-14	O-RING D. 196,52X2,62
15	7	8042352-15	PLUG FOR D. 15 PORT
16	6	8042352-16	CONNECTING ROD SCREW
17	1	8042352-17	CRANKSHAFT
18	1	8042352-18	CRANKSHAFT KEY
19	1	8042352-19	MOTOR SIDE BEARING COVER
20	1	8042352-20	OIL SEAL 35X52X7 SPEC
21	3	8042352-21	CONNECTING ROD
22	3	8042352-22	PISTON
23	3	8042352-23	PIN D. 18X36
24	3	8042352-24	SEAL 36X47X7
25	3	8042352-25	WIPER
26	3	8042352-26	PLUNGER KE24
27	3	8042352-27	O-RING D. 11X2 SPEC
28	3	8042352-28	PLUNGER BOLT
29	1	8042352-29	PLUG G1/2"X18
30	1	8042352-30	WASHER D.1/2"
31	1	8042352-31	PLUG G1"X17
32	1	8042352-32	WASHER D.1"
33	1	8042352-33	MANIFOLD D22-24
34	3	8042352-34	OR D.50C52X1.78 KIT 2002-3-4-5-6-7-8-9-10-11
35	3	8042352-35	PACKING RETAINER D.24
36	3	8042352-36	PACKING D.24 L.P. KIT 2006-2007
37	3	8042352-37	MIDDLE RING D.24 KIT 2007
38	3	8042352-38	RESTOP RING D.24 KIT 2006-2007
39	3	8042352-39	PACKING D.24 H.P. KIT 2006-2007
40	3	8042352-40	FRONT RING D.24 KIT 2007
41	8	8042352-41	SCREW TCEI M10X110 UNI 5931
42	14	8042352-42	SCREW TCEI M10X25 UNI 5931 SPEC.
43	2	8042352-43	VALVE COVER
44	6	8042352-44	VALVE PLUG
45	6	8042352-45	BACK UP RING D.32,4X36,5X1,5
46	12	8042352-46	O-RING D.29.82X2,62 KIT 2000-2001
47	6	8042352-47	SUCTION/DELIVERY VALVE GUIDE PLATE KIT 2000-2001
48	3	8042352-48	DELIVERY VALVE SPRING KIT 2001
49	6	8042352-49	SUCTION/DELIVERY VALVE PLATE KIT 2000-2001
50	6	8042352-50	SUCTION/DELIVERY VALVE SEAT KIT 2000-2001
51	6	8042352-51	BACK UP RING D.31X35,5X1,5
52	3	8042352-52	DELIVERY VALVE ASSEMBLY KIT 2001
53	3	8042352-53	SUCTION VALVE SPRING KIT 2000
54	3	8042352-54	O-RING D.10,82X1,78
55	3	8042352-55	PLUG G1/4"X13
56	3	8042352-56	SUCTION VALVE ASSEMBLY KIT 2000
57	1	8042352-57	HYDRAULIC MOTOR FLANGE
58	6	8042352-58	SCREW TCEI M8X30 UNI 5931
59	3	8042352-59	CONNECTING ROD (COMPLETE)

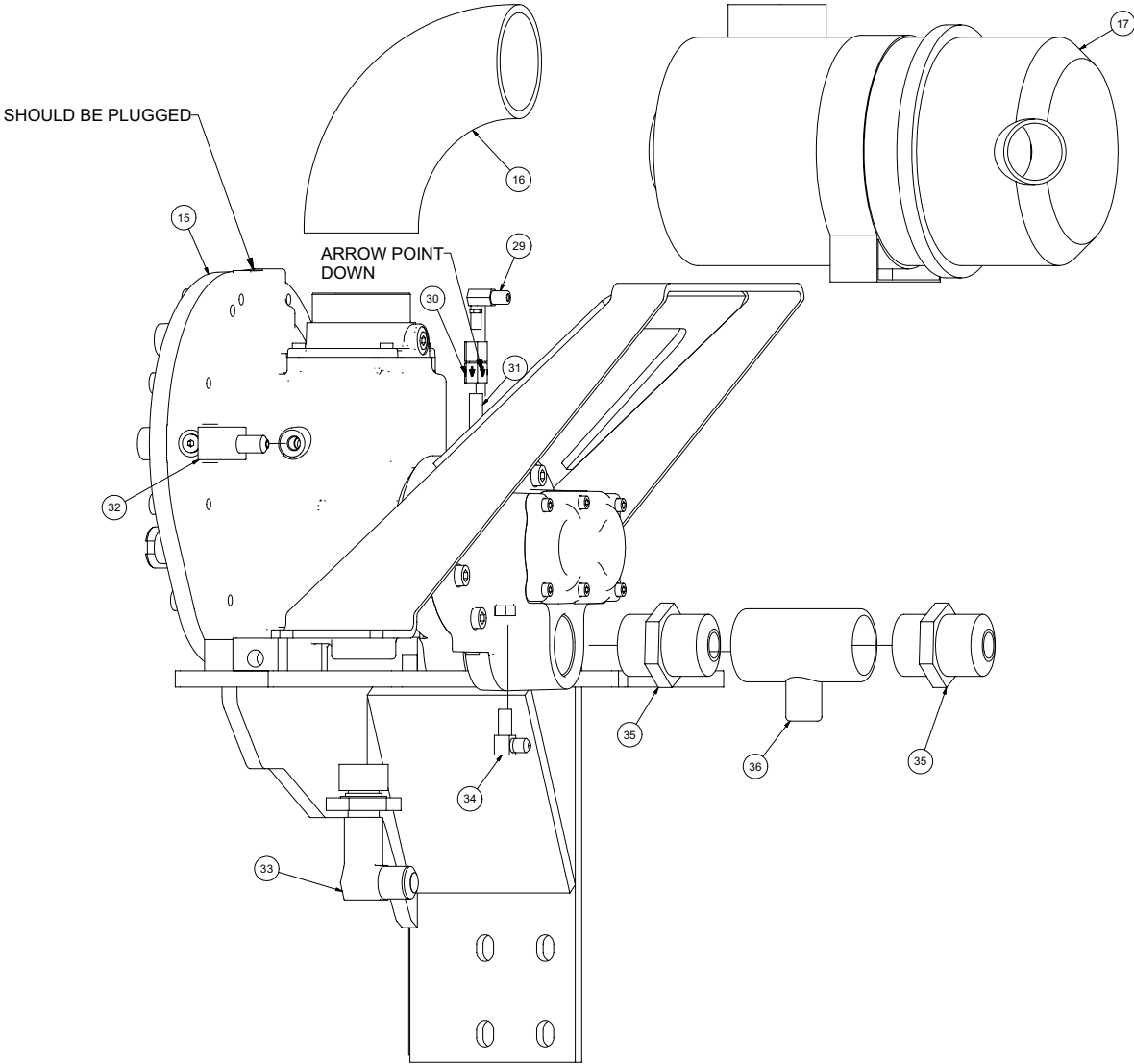
Compressor Assembly



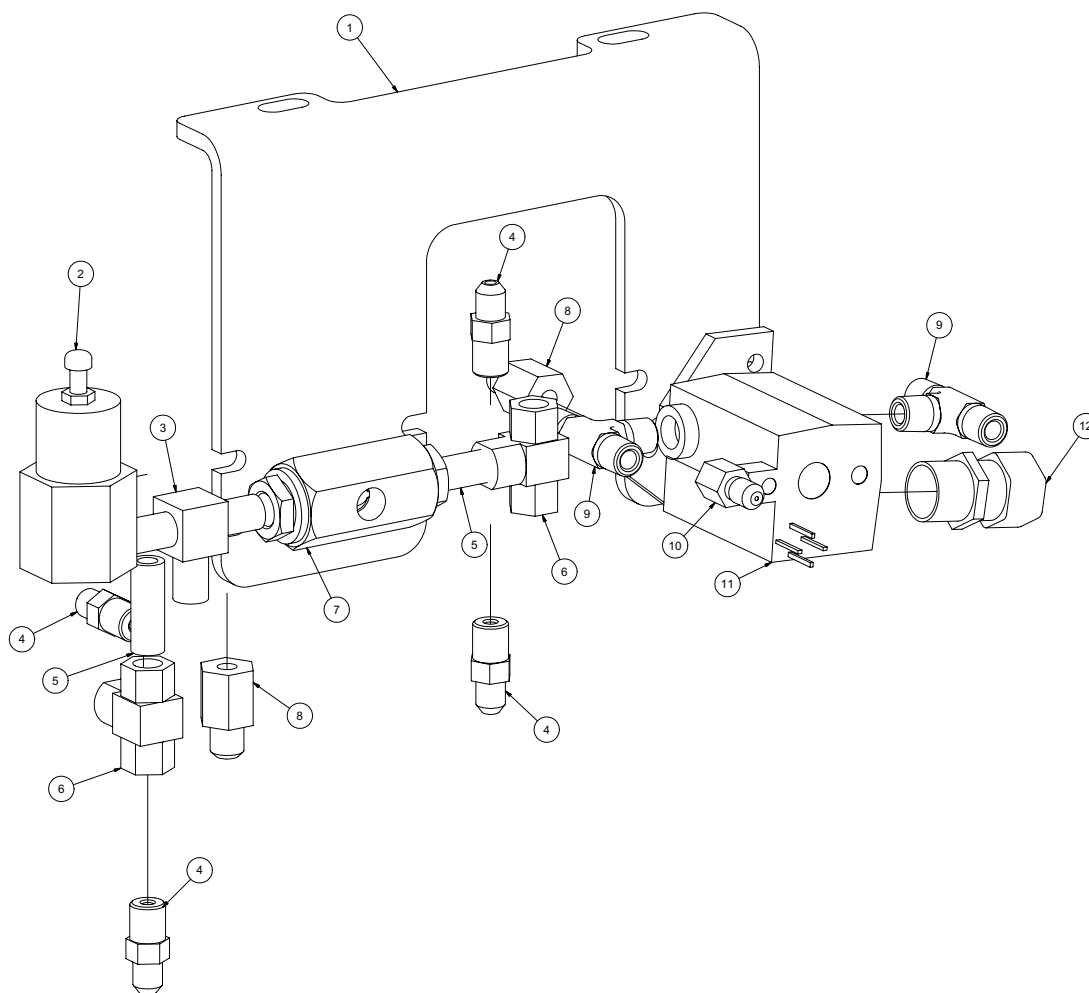
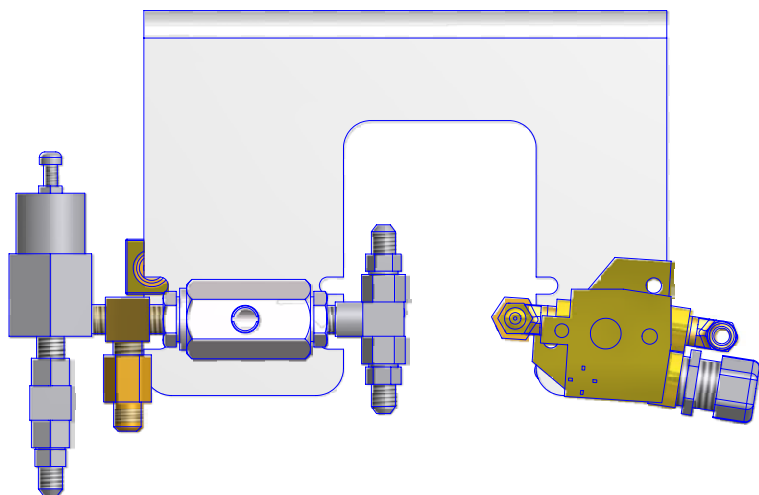
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Compressor Assembly



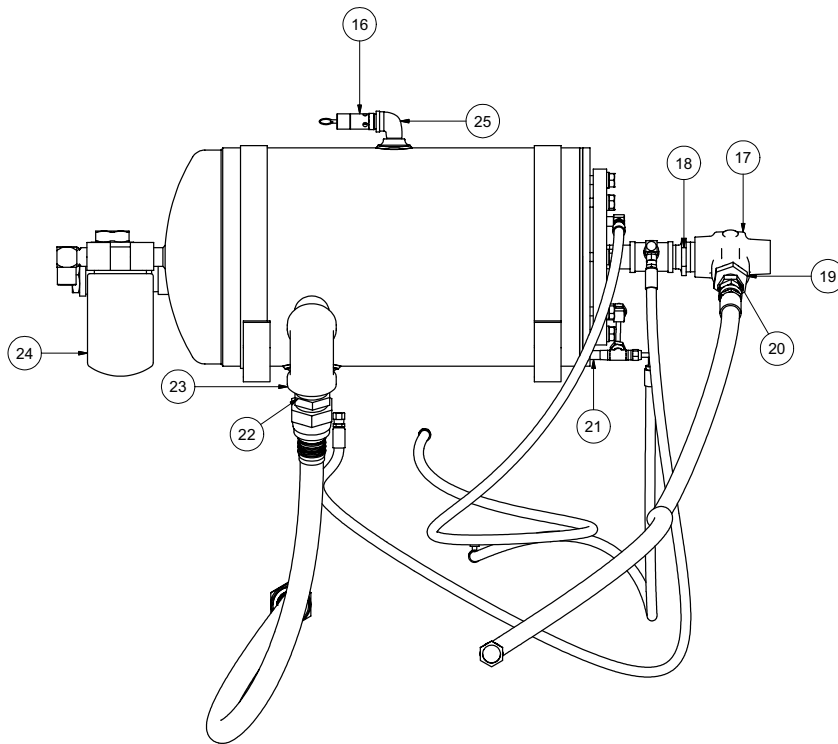
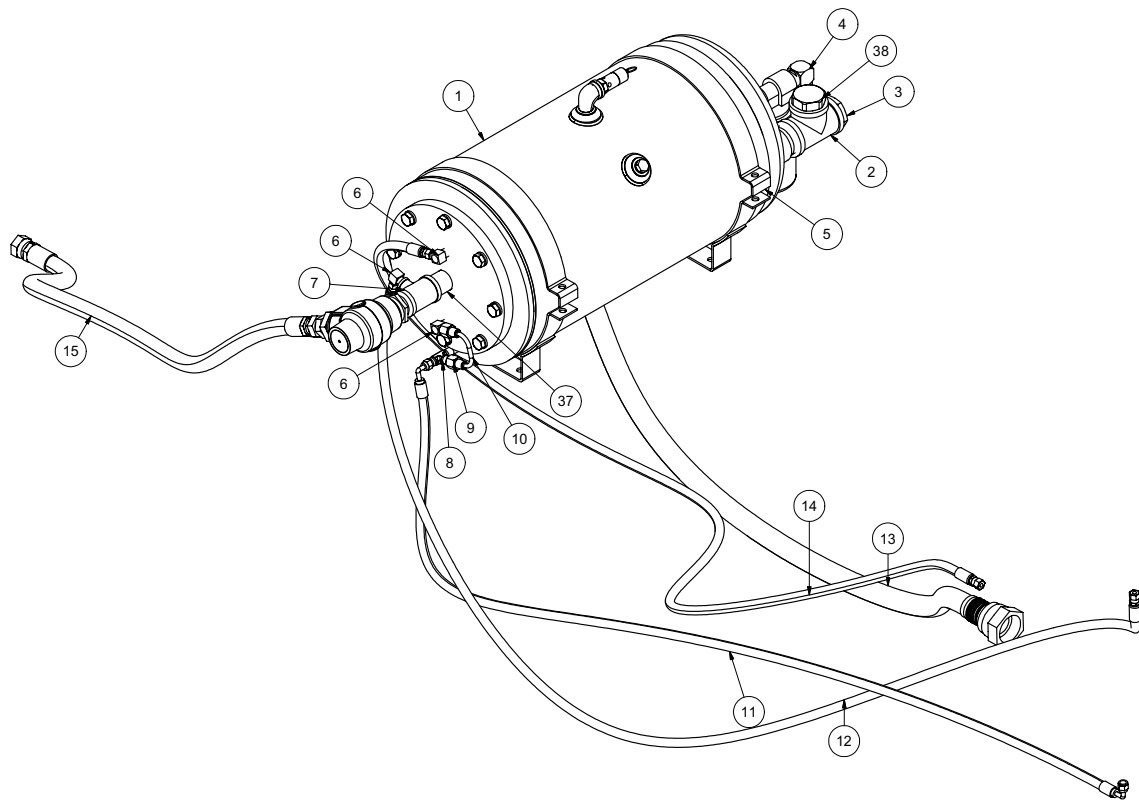
Compressor Assembly



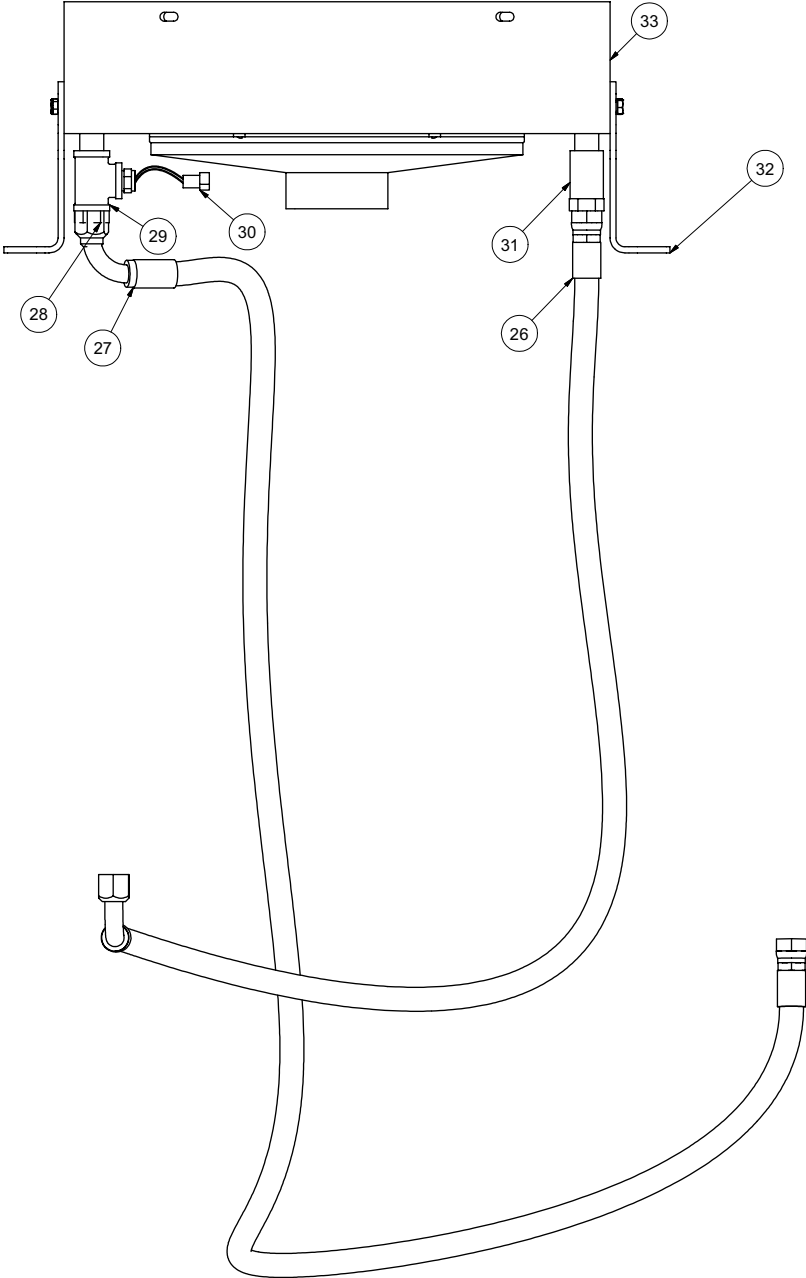
Compressor Assembly

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8044503	BRACKET AIR COMPRESSOR REGULATOR BLOWOFF AND BYPASS SOL
2	1	8044569	VALVE REGULATOR COMPRESSOR
3	1	T402034	TEE, 1/4MP 1/4MP 1/4MP
4	4	T400020	UNION 4MJ - 4MP
5	2	T421010	NIPPLE, CLOSE 1/4MP
6	2	8044667	VALVE SHUTTLE 1/4FP 1/4FP 1/4FP
7	1	8044570	VALVE BLOWDOWN COMPRESSOR
8	2	T400110	UNION 4FP - 4MJ
9	2	T402038	TEE, 4MJ 4MJ 4MP
10	1	8044544	ORIFICE 4MJ -4FJ .062"
11	1	8044542	VALVE SOLENOID AIR 3-WAY ROSS
12	1	X000113	1/2" STRAIN RELIEF CONNECTOR
13	1	8044286	COMPRESSOR MOUNTING BRACKET
14	1	8044457	COMPRESSOR AIR FILTER BRACKET
15	1	8044743	COMPRESSOR (POWERTECH MODEL)
16	1	8043047	ELBOW RUBBER COMPRESSOR INTAKE
17	1	8043049	COMPRESSOR AIR FILTER HSG
	1	8042977	FILTER, AIR ELEMENT
18	1	8044747	HOSE ASSY VAC 4-13" ST-ST
19	1	8044748	HOSE ASSY VAC 4-13" ST-90
20	1	8044745	HOSE ASSY VAC 4-20" ST-90
21	1	8044746	HOSE ASSY VAC 4-10" ST-90
22	1	8043841	HOSE ASSY VAC 4-25" ST-ST
23	1	8044750	HOSE ASSY VAC 1 1/2-25" ST-ST
24	1	8044744	HOSE ASSY VAC 4-76" ST-ST
25	1	8044761	HOSE ASSY VAC 12-24" ST-ST
26	1	8046730	HOSE ASSY VAC 4-33" ST-ST
27	1	8044749	HOSE ASSY VAC 4-23 1/2" ST-90
28	1	8043659	SWITCH TEMP OIL COMP 165F
29	1	T401095	ELBOW, 90 1/4"MB - 1/4"MJ
30	1	8044264	VALVE, INLINE CHECK 1/8P
31	1	T421008	1/8" CLOSE NIPPLE
32	1	T401230	ELBOW, 90 1/4"MB X 1/4"MJ
33	1	T401341	ELBOW, 3/4MB - 3/4MJ
34	1	8044263	ELBOW, 1/8MP X 1/4MJ W/CHECK AND ORIFICE
35	2	T400580	UNION, 1 1/2MP - 1 1/2MJ
36	1	T402219	TEE, 1 1/2FP - 1/2FP - 1 1/2FP

Compressor Tank Assembly



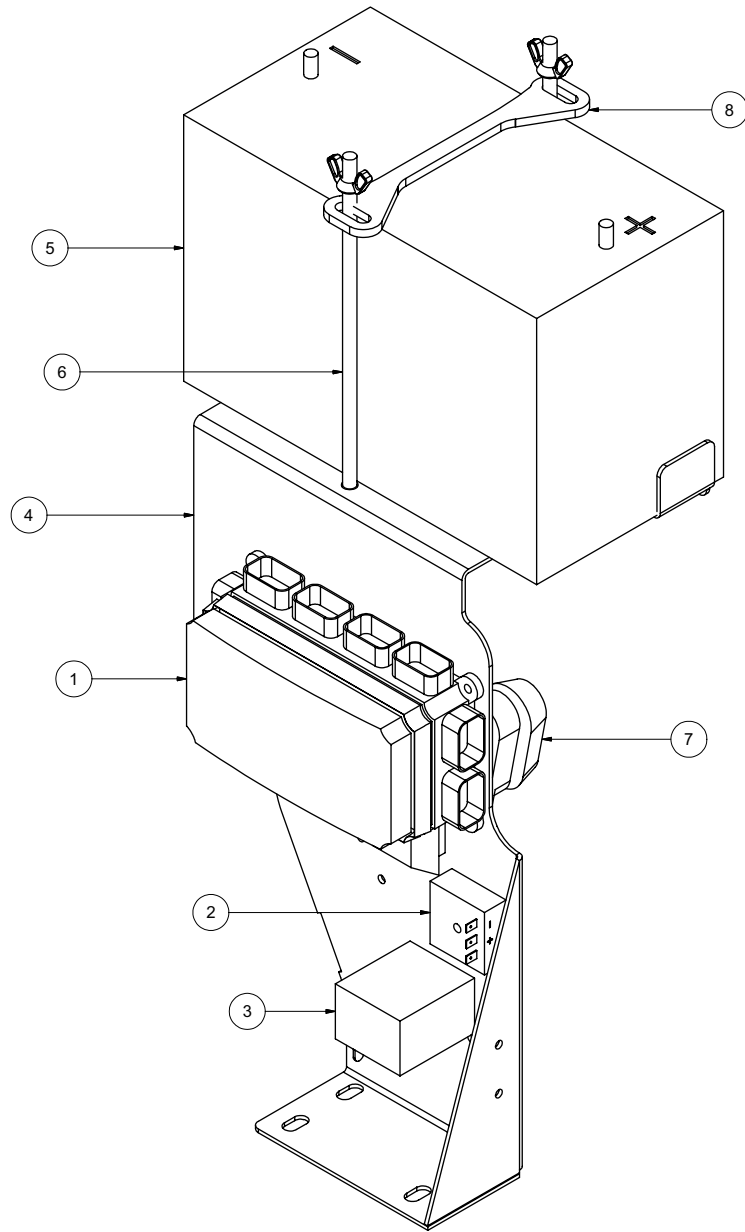
Compressor Tank Assembly



Compressor Tank Assembly

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8044347-1	TANK RECEIVER
2	1	T402224	TEE, PIPE GALV 1 1/2"FP
3	1	8044347-8	GLASS, SIGHT OIL LEVEL 1 1/2
4	2	T401040	ELBOW,90 3/4"MP-3/4MP
5	1	8044347-2	CLAMP BAND
6	3	T401100	ELBOW,90 1/4"MP-1/4"MJ
7	1	T402223	TEE, 1"FP-1/4"FP-1"FP
8	1	T402038	TEE, 1/4"MJ-1/4"MJ-1/4"MP
9	2	8044347-7	ORIFICE, HEX .047 DIA.
10	1	8044347-4	TUBE SEPARATOR DRAIN W/FITT
11	1	8044762	HOSE ASSY VAC 4-46 1/2" ST-90
12	1	8044744	HOSE ASSY VAC 4-76" ST-90
13	1	8044751	HOSE ASSY VAC 1 1/2- 66" ST-90
14	1	8044763	HOSE ASSY VAC 4-60" ST-90
15	1	8042860	HOSE ASSY VAC 12-95" ST-ST
16	1	8044347-6	VALVE, RELIEF 175 PSI 1/2 NPT
17	1	8044347-3	VALVE PRESSURE MINIMUMAIR
18	1	T421213	NIPPLE,HEX RED 1 1/4 X 1
19	1	T400585	BUSHING,PVC 1.25"MP X .750"FP
20	1	T400100	UNION, 3/4"MP-3/4"MJ
21	1	T421010	NIPPLE,CLOSE 1/4"MP
22	1	T400580	UNION, 1-1/2"MP-1-1/2"MJ
23	1	T420335	ELBOW,90 1-1/2"FP PIPE
24	1	8043020	FILTER OIL COMPRESSOR SPIN-ON
25	1	8044347-5	ELBOW, PIPE STREET GALV 1/2
26	1	8044764	HOSE ASSY VAC 12-53" ST-90
27	1	8046721	HOSE ASSY VAC 12-100" ST-90
28	1	T400100	UNION, 12MP-12MJ
29	1	T402160	TEE, 12FP-12FP-12FP
30	1	8043659	SWITCH TEMP OIL COMP 165F
31	1	T430040	COUPLING, 3/4" NPT
32	2	8045981	COMPRESSOR COOLER MOUNT
33	1	8042497	OIL COOLER SHROUD
	1	8042495	OIL COOLER FAN
	1	8042496	OIL COOLER

Electrical Control Bracket



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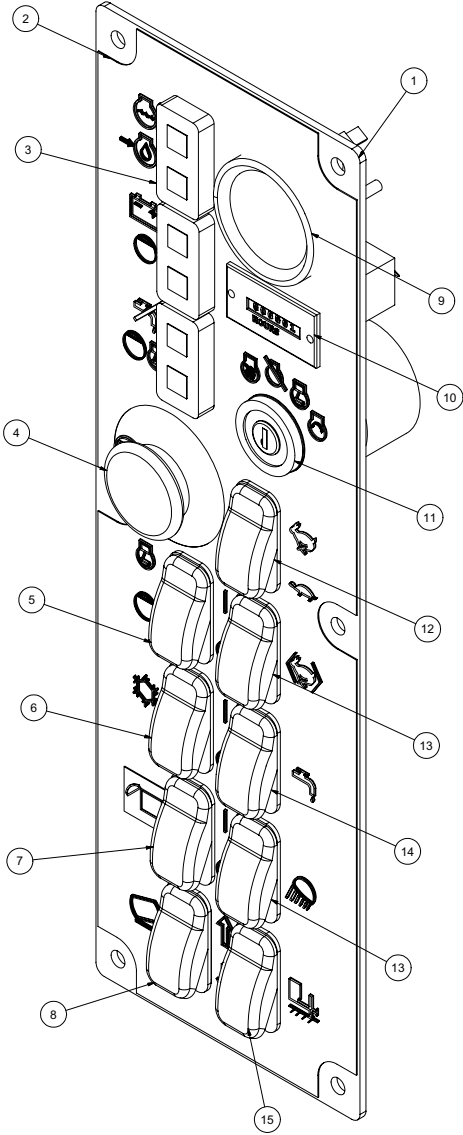
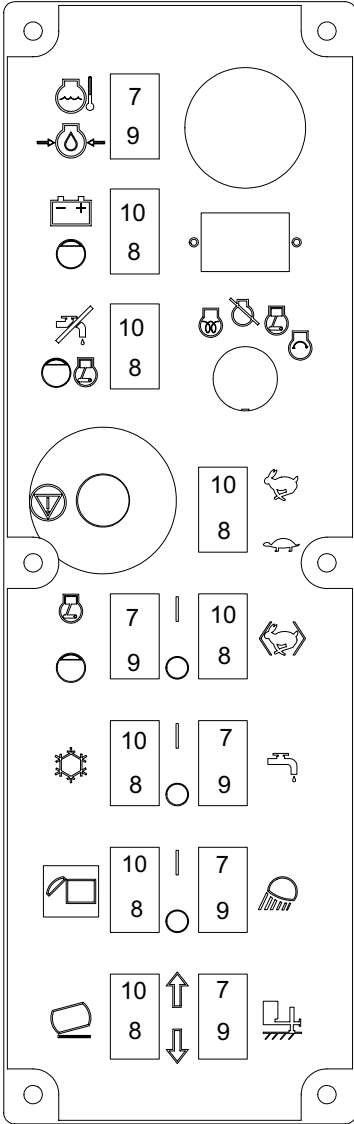
VACASSY550

Electrical Control Bracket

ITEM	QTY	PART NO.	DESCRIPTION
1	1	X000213	BUSSMAN VEC
2	1	8031231	SWITCH, DELAY RELAY
3	1	X000240	RELAY TIME 15 SECOND
4	1	8043129	CONTROL PANEL - HARNESS MTG PLATE
5	1	X400050	BATTERY, 31-MHD WORKAHOLIC
6	2	8043742	BATTERY HOLD DOWN ROD ASSY
7	1	8043800	FUSE HOLDER AMG
8	1	8050016	BATTERY HOLD DOWN
*	1	X200005	HARNESS VAC CONTROL
*	1	X300218	BATTERY GROUND CABLE
*	4	X300181	BATTERY HOT CABLE

* NOT SHOWN

Control Panel

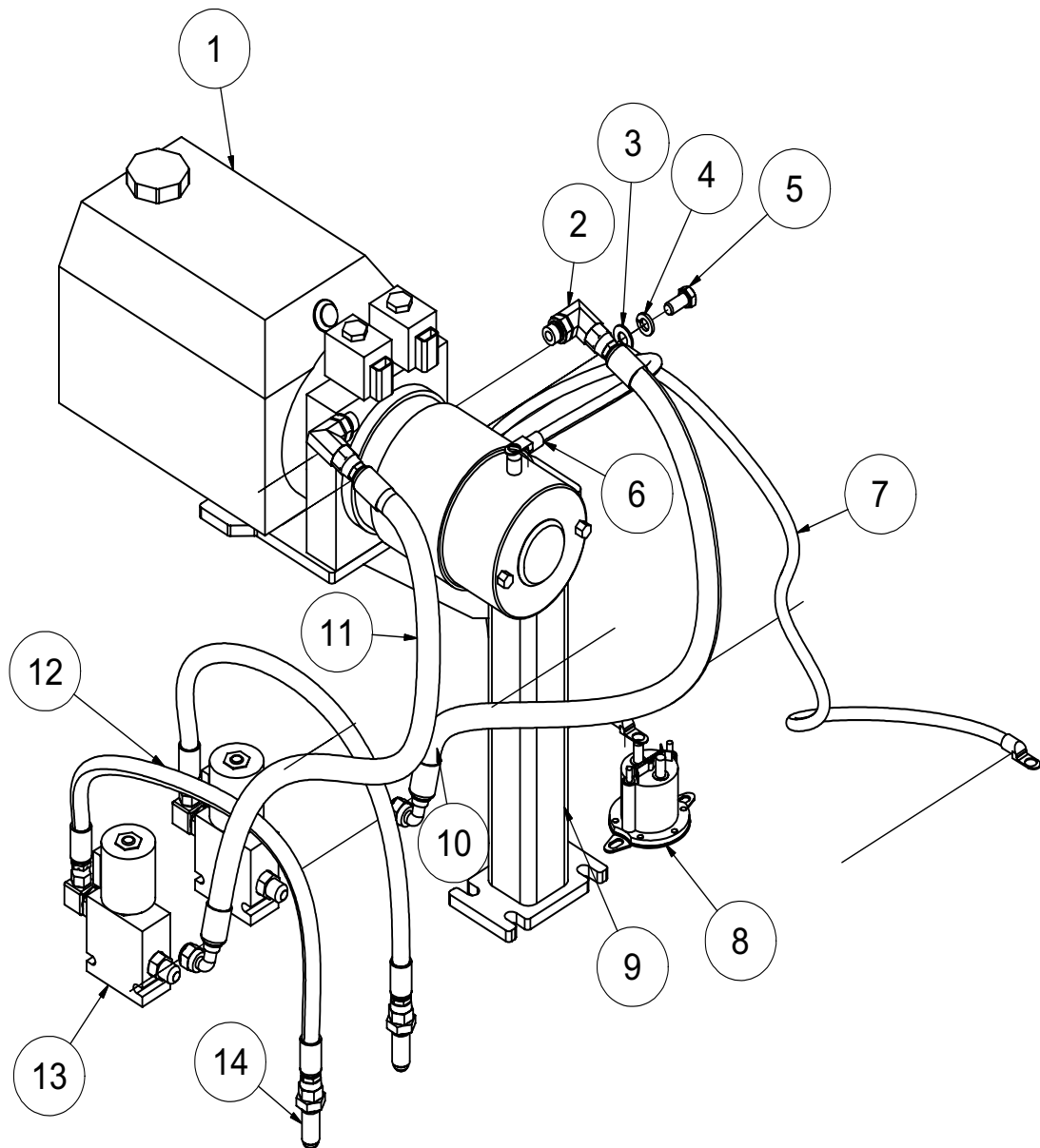


Control Panel

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8043128	CONTROL PANEL - MAIN PLATE
2	1	J200031	DECAL - CONTROL PANEL
3	3	X000260	LIGHT LED DUAL PANEL
4	1	X000280	E-STOP
5	1	X000273	ROCKER SWITCH SPST (ON) NONE -OFF
6	1	X000272	ROCKER SWITCH DPST (ON) NONE -ON
7	1	X000272	ROCKER SWITCH DPST (ON) NONE - ON
8	1	X000274	ROCKER SWITCH DPDT (ON) OFF (ON)
9	1	X100001	FUEL GAUGE
10	1	X000300	HOURMETER
11	1	8030458	IGNITION SWITCH
12	1	X000271	ROCKER SWITCH DPST ON - ON
13	2	X000270	ROCKER SWITCH SPST ON -OFF
14	1	X000270	ROCKER SWITCH SPST ON -OFF
	1	X000271	ROCKER SWITCH DPST ON -ON
15	1	X000290	ROCKER SWITCH PLUG
	1	X000274	ROCKER SWITCH DPDT (HYD. JACK OPTION)
*	1	8030829	KEY, IGNITION - KUBOTA

* NOT SHOWN

Hydraulic Pump Assembly

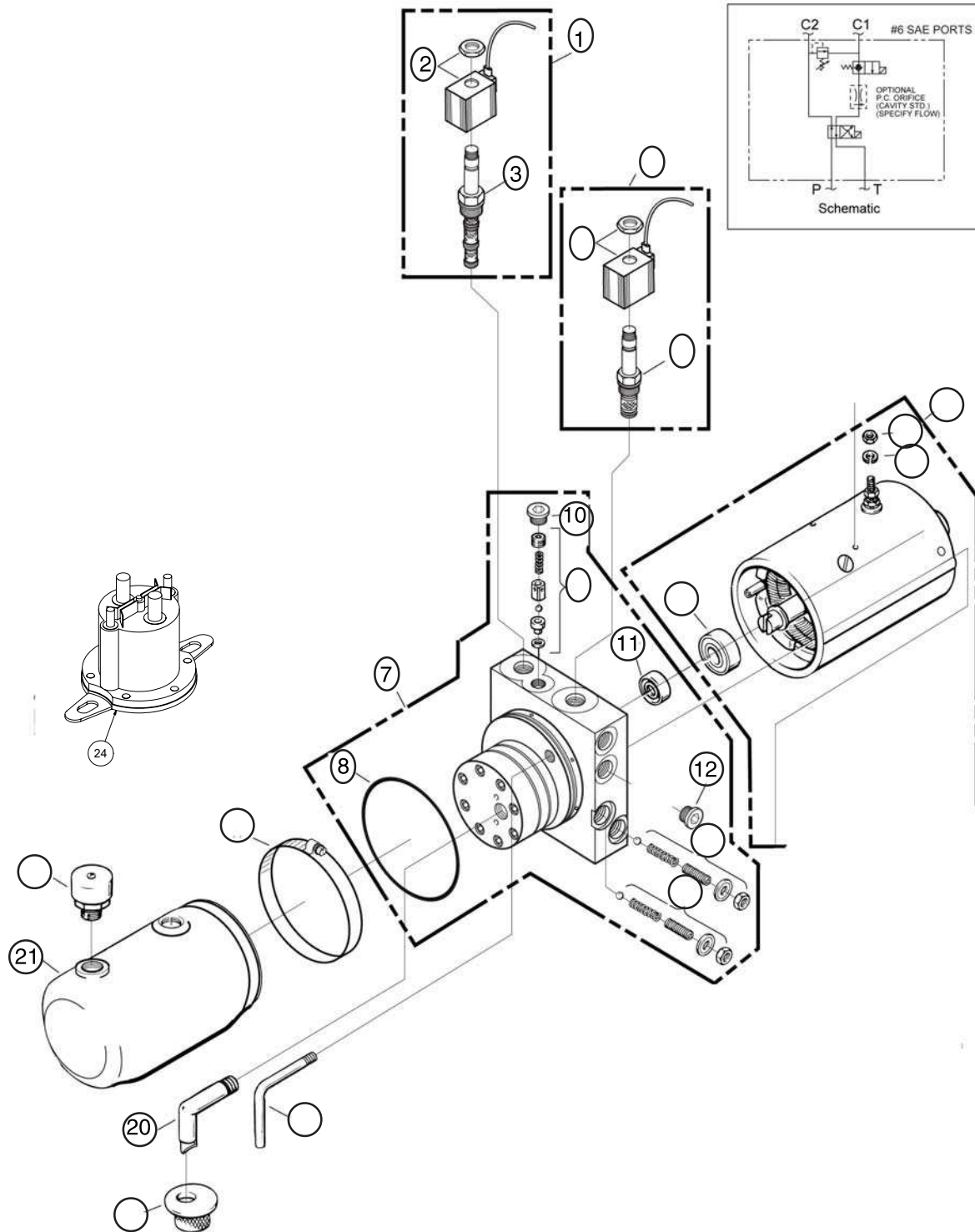


Hydraulic Pump Assembly

ITEM	QTY	PART	DESCRIPTION
1	1	8046300	PUMP, HYD 12V 6QT
2	2	T401250	ELBOW, 90 3/8" MB-MJ
3	1	U200600	WASHER, FLAT 3/8"
4	1	U210060	WASHER, LOCK 3/8"
5	1	U200400	SCREW, HC 3/8"-16 X .750
6	1	X300233	CABLE, BATTERY HOT 1GA 26"
	2	X300251	LUG, CABLE 1GA 3/8" HOLE
7	1	X300224	CABLE, BATTERY GROUND 1GA 21"
	2	X300251	LUG, CABLE 1GA 3/8" HOLE
8	1	8046258	SWITCH HYD PUMP 12V RELOCATE
9	1	8043499	BRACKET 36/49 12V HYD PUMP
10	1	8046685	HOSE ASSY VAC 6-25" ST-90 (500LE/LEHD)
	1	8046686	HOSE ASSY VAC 6-22" ST-90 (800LE/LEHD)
	1	8040973	HOSE ASSY VAC 6-20" ST-90 (73/99)
11	1	8046687	HOSE ASSY VAC 6-23" ST-90 (500LE/LEHD)
	1	8040973	HOSE ASSY VAC 6-20" ST-90 (800LE/LEHD)
	1	8040973	HOSE ASSY VAC 6-20" ST-90 (73/99)
12	2	8040971	HOSE ASSY VAC 4-19" ST-ST6FJ (LE/LEHD)
13	2	8041788	VALVE, SOLENOID 3-WAY W/ INT C4K
14	2	T400391	BULKHEAD 3/8" MJ - 3/8" MJ

* NOT SHOWN

Hydraulic Pump w/ Bracket



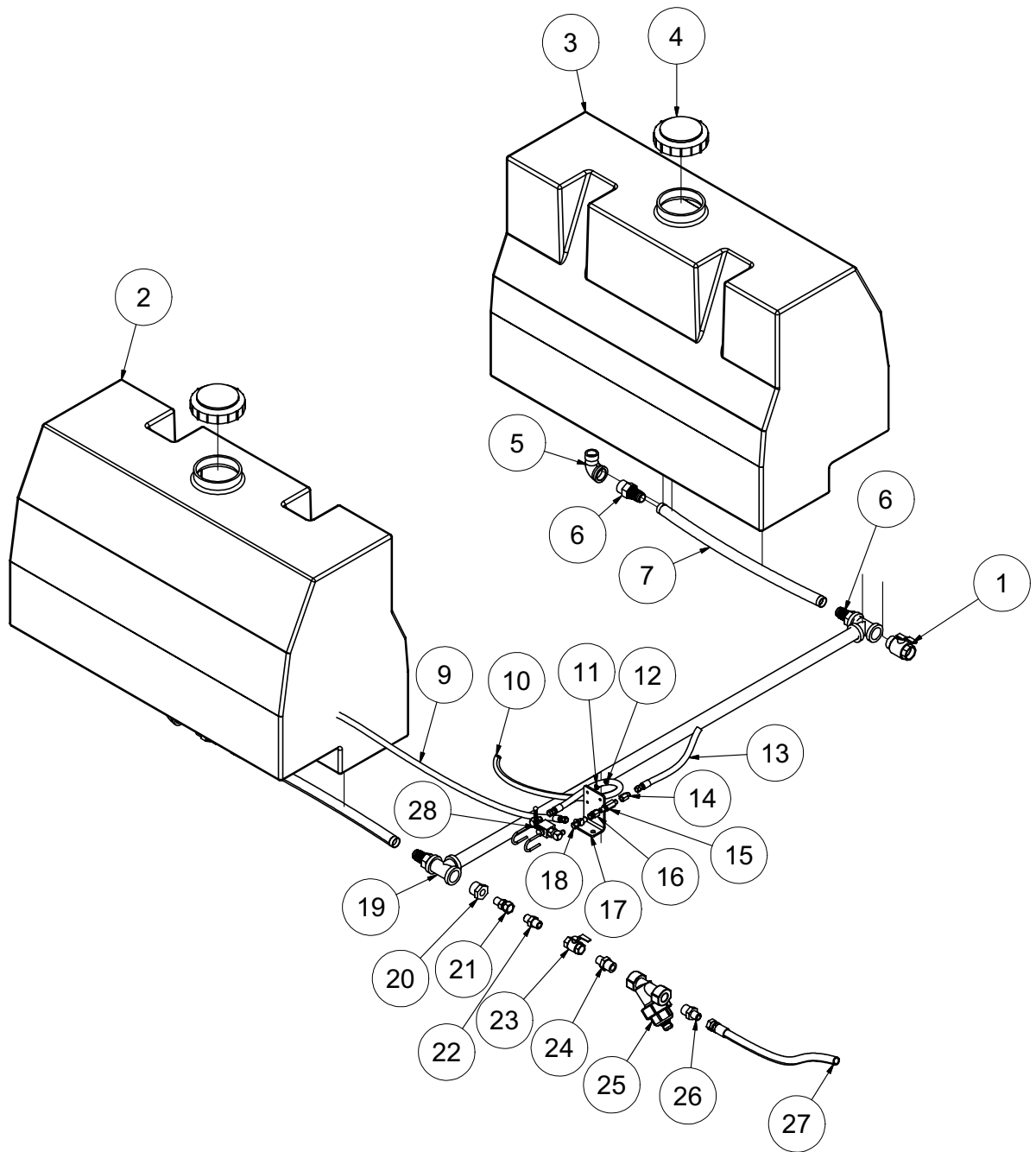
Hydraulic Pump w/ Bracket

ITEM	QTY	NUMBER	DESCRIPTION
	1	8046300	PUMP, HYD 12V VAC 4.5QT
	2	U000420	SCREW, HC 3/8"-16 X 1"
	2	U210060	WASHER, LOCK 3/8"
	2	U200600	WASHER, FLAT 3/8"
	2	T400037	UNION 6MB - 6MJR
	2	8040973	HOSE ASSY VAC 6-20 ST-90
	2	T400391	BULKHEAD 6MP - 6MP
1	1	8046300-14	VALVE, 4-WAY - 2 POSITION
2	1	8046300-15	COIL, 10 VDC GROUNDED W/ DEUTSCH CONN
3	1	8046300-16	CARTRIDGE, 4-WAY 2 POSITION
4	1	8046300-17	VALVE, 2-WAY 2 POSITION (12V) GROUNDED
5	1	8046300-18	COIL, 10VDC 2-WAY 2 POS GRND W/DEUTSCH CONN
6	1	8046300-19	VALVE, 12V HYD 2-WAY 2 POSITION
7	1	8046300-23	PUMP ASSEMBLY
8	1	8046300-24	O-RING INDUST 3 5/8" X 3 7/8" X 1/8"
9	1	8046300-25	PARTS KIT - VALVE ASSY, POPPET/BALL CHECK
10	1	8046300-26	PLUG
11	1	8046300-27	SEAL
12	1	8046300-28	PLUG, #8 SAE
13	2	8046300-30	PARTS KIT, RELIEF VALVE
14	1	8046300-31	MOTOR, ELECTRIC 12VDC
15	1	8046300-32	BEARING, BASE MOTOR
16	1	8046300-33	NUT, HEX 5/16 -24
17	1	8046300-34	WASHER, LOCK 5/16"
	2	8046300-38	SCREW, HEX HEAD 1/4"-20 X 1 3/8"
	1	8046300-41	PLUG, 3/8"NPTF
18	1	8046300-42	TUBE, RETURN (1/8")
19	1	8046300-43	SCREEN, FILTER (SUCTION)
20	1	8046300-44	TUBE, FILTER SUCTION 3/8"NPT 90 DEG
21	1	8046300-45	6QT RESEVOIR POLY
	*	8040486-45	3QT RESEVOIR POLY
	*	8046300-48	4.5QT RESEVOIR POLY
22	1	8046300-46	PLUG, VENT 3/8"NPT
23	1	8046300-47	CLAMP, HOSE WORM GEAR (IN SERIES)
24	1	8046258	SWITCH HYD PUMP 12V
	1	X200002	HYDRAULIC PUMP WIRE HARNESS
*	1	8043499	HYDRAULIC PUMP MOUNT
		8044297	HYDRAULIC PUMP MOUNT (REVERSE FLOW)
		8045336	HYDRAULIC PUMP MOUNT (412 BLOWER)

* NOT SHOWN

Water Tank Assembly

125 Gallon Saddle Tanks



Water Tank Assembly

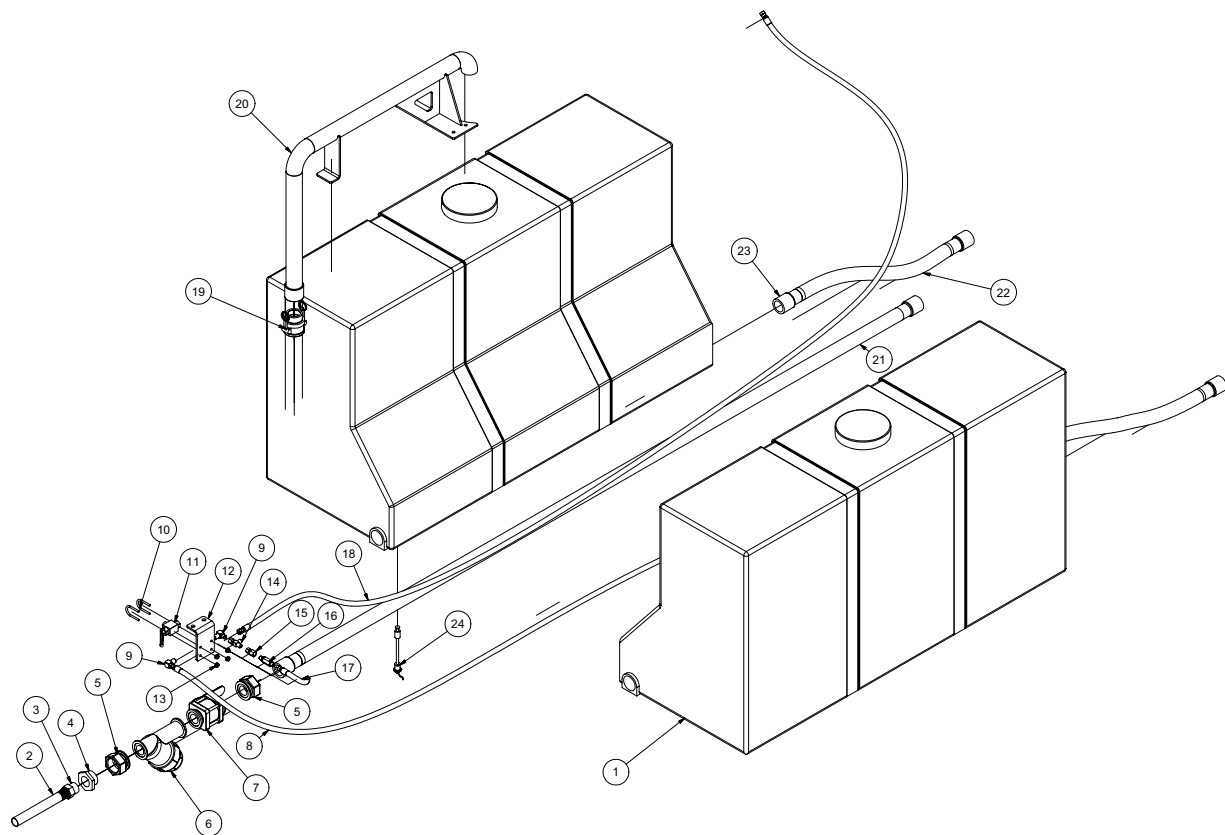
125 Gallon Saddle Tanks

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8045813	VALVE,BALL 1 1/4" M X F BRASS
2	1	8046162	TANK, WATER 125GAL (CURB SIDE)
	1	8045093	BULKHEAD 1 1/4" BOTTOM FEED
3	1	8040782	TANK, WATER 125GAL (STRRET SIDE)
	1	8045093	BULKHEAD 1 1/4" BOTTOM FEED
4	2	8041119	WATER TANK LID
5	2	8041311	ELBOW, STREET 1 1/4"
6	4	8041312	FITTING, HOSE BARB 1 1/4"
7	2	8041523	HOSE, VAC CLEAR VINYL 1 1/4" - 24
8	1	8041309	ELBOW, 1 1/4"FP - 1 1/4"FP
9	1	8041477	HOSE REEL TO BALL VALVE 6 -140 ST-ST
10	1	8043949	BALL VALVE TO TANK CLEANOUT 6-215 ST-90
11	4	U200020	WASHER, FLAT 1/4"
12	4	U120100	NUT, LOCK 1/4"-20
13	1	8043664	BALL VALVE TO WATER PUMP 6-36 ST-90
14	1	8031126	UNION, 4FP - 6MJ
15	1	8030923	FILTER, WATER HIGH PRESSURE
16	1	8031125	REDUCER, 1/4"FP - 3/8"FJ
17	1	8040670	BALL VALVE BRACKET
18	1	T402153	TEE, 6MJ - 6MJ - 6FJ
19	2	8041310	TEE, 1 1/4"FP - 1 1/4"FP - 1 1/4"FP
20	1	T403100	REDUCER, 20MP - 12FP
21	1	T400101	UNION, 12FJ - 12MP
22	1	T400100	UNION, 12MJ - 12MP
23	1	T000185	BALL VALVE, BRASS 3/4"FP
24	1	T404060	REDUCER, 16MP - 12MP
25	1	8040186	STRAINER
	1	8040186-1	END CAP
	1	8040186-2	GASKET
	1	8040186-3	STRAINER PLUG
	1	8040186-4	FKM O-RING
	1	8040186-5	STRAINER MESH SCREEN 80
	1	8040186-6	Y-BODY
	1	8040186-7	EPDM O-RING
26	1	T400450	REDUCER, 12MJ - 16MP
27	1	8041058	HOSE VAC PUSH 12-36
	2	8030525	FITTING HOSE 12FJ PUSHLOCK
28	1	8030351	BALL VALVE 3/8"
	2	U010017	U-BOLT .250 - 20
*	1	8045799	WATER TANK FRAMES 125 STREETSIDE
*	1	8045809	WATER TANK FRAMES 125 CURB SIDE
*	1	8043806	SWITCH, WATER TANK BOTTOM SHORT
*	1	8046803	HOSE VAC PUSH 8-79
*	2	8030524	FITTING, PUSH LOCK #8
*	1	8030518	ELBOW, 45 1/2" MJ BULKHEAD

* NOT SHOWN

Water Tank Assembly

205 Gallon Saddle Tanks



Water Tank Assembly

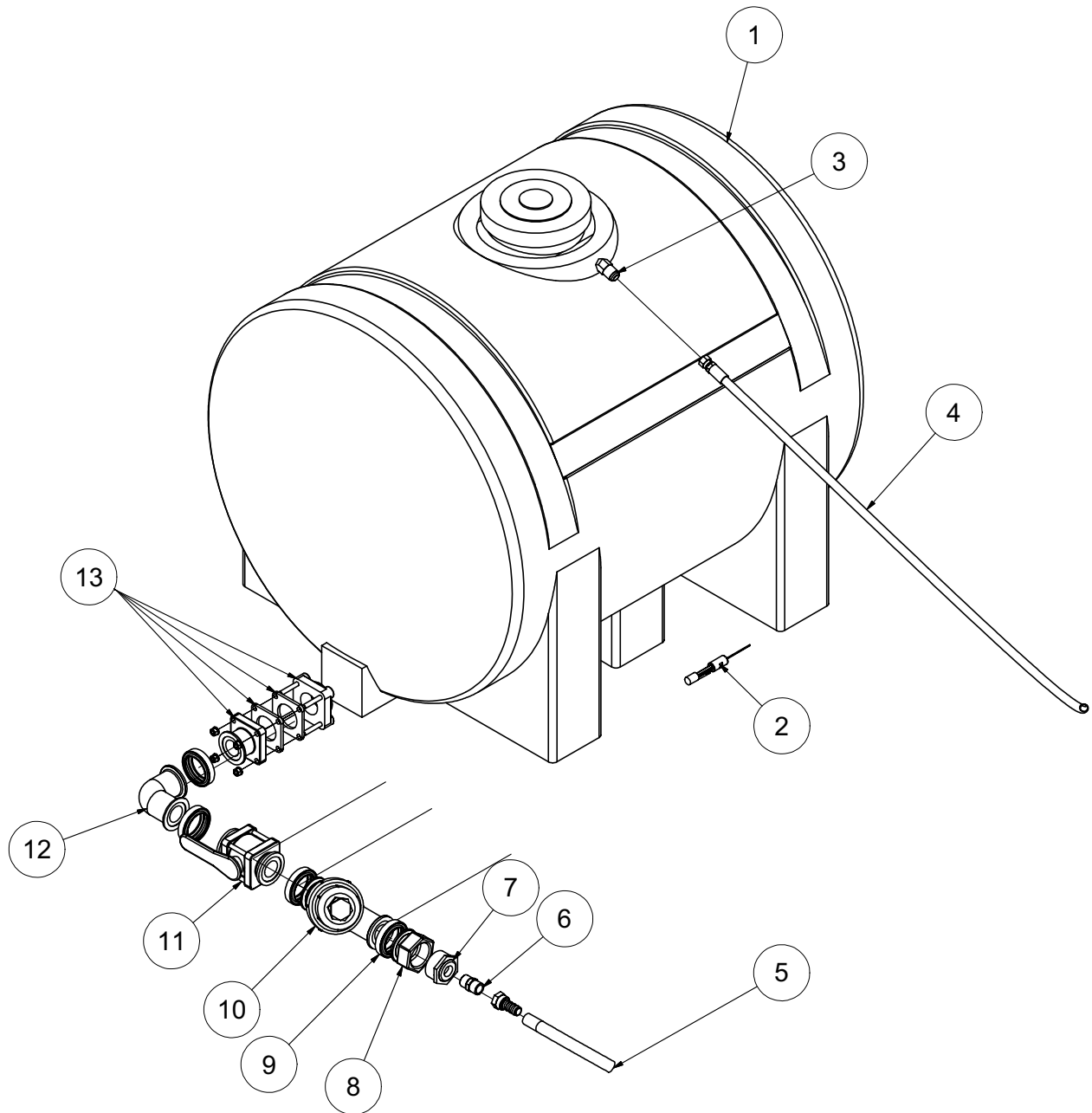
205 Gallon Saddle Tanks

ITEM	QTY	NUMBER	DESCRIPTION
1	2	8043805	TANK, WATER 205 GAL. POLY.
*	1	8030518	1/2" BULKHEAD 45 DEG
2	1	8043076	HOSE VAC CLEAR VINLY 1 1/4-37"
3	1	8044266	FITTING HOSE BARB 20HB-20MP
4	1	8043843	REDUCER, 1 1/4"MP - 1/2"FP GALV
5	2	8030996	ADAPTER, FEMALE 2"
6	1	8031001	Y-STRAINER, 2"
7	1	8030998	BALL VALVE, BANJO 1 1/2"ID
8	1	8043949	BALL VALVE TO TANK CLEAN OUT HOSE #6-215 ST-90
	2	T320040	FITTING, HOSE 6HO-6FJ
9	2	T401102	ELBOW, 6MJ-6MP
10	2	U010017	1 1/2" CLAMP HOOK 1/4-20 THD
11	1	8030351	STEEL BALL VALVE, 3/8" NPT
12	2	8040670	BALL VALVE BRACKET
13	8	U120142	NUT, LOCK FLANGED .250-20 G2
	8	U200020	WASHER, FLAT 1/4"
14	1	T402153	TEE, 6MJ-6MJ-6FJ
15	1	8031125	UNION, 4FP-6FJ
16	1	8030923	FILTER, WATER HIGH PRESSURE
17	1	8043664	BALL VALVE TO WATER PUMP HOSE #6-36 ST-90
18	1	8041477	HOSE REEL TO BALL VALVE HOSE #6-140 ST-ST
	2	T320040	FITTING, HOSE 6HO-6FJ
19	1	8031219	COUPLING, 2" ALUM MP X FCAMLOCK
20	1	8044398	QUICK FILL 205 GAL
21	1	8045635	HOSE VAC CLEAR VINLY 2"-122
	2	8043397	CLAMP VAC CLEAR HOSE 2"
22	2	8045636	HOSE VAC CLEAR VINLY 2"-36
	2	8043397	CLAMP VAC CLEAR HOSE 2"
23	6	T410115	HOSE BARB 2"
24	1	8045386	SWITCH, WATER TANK BOTTOM LONG
*	1	8046177	WATER TANK BRACKET 205 STREET
*	1	8046178	WATER TANK BRACKET 205 CURB

* NOT SHOWN

Water Tank Assembly

230 GAL



041015-E

VACASSY604

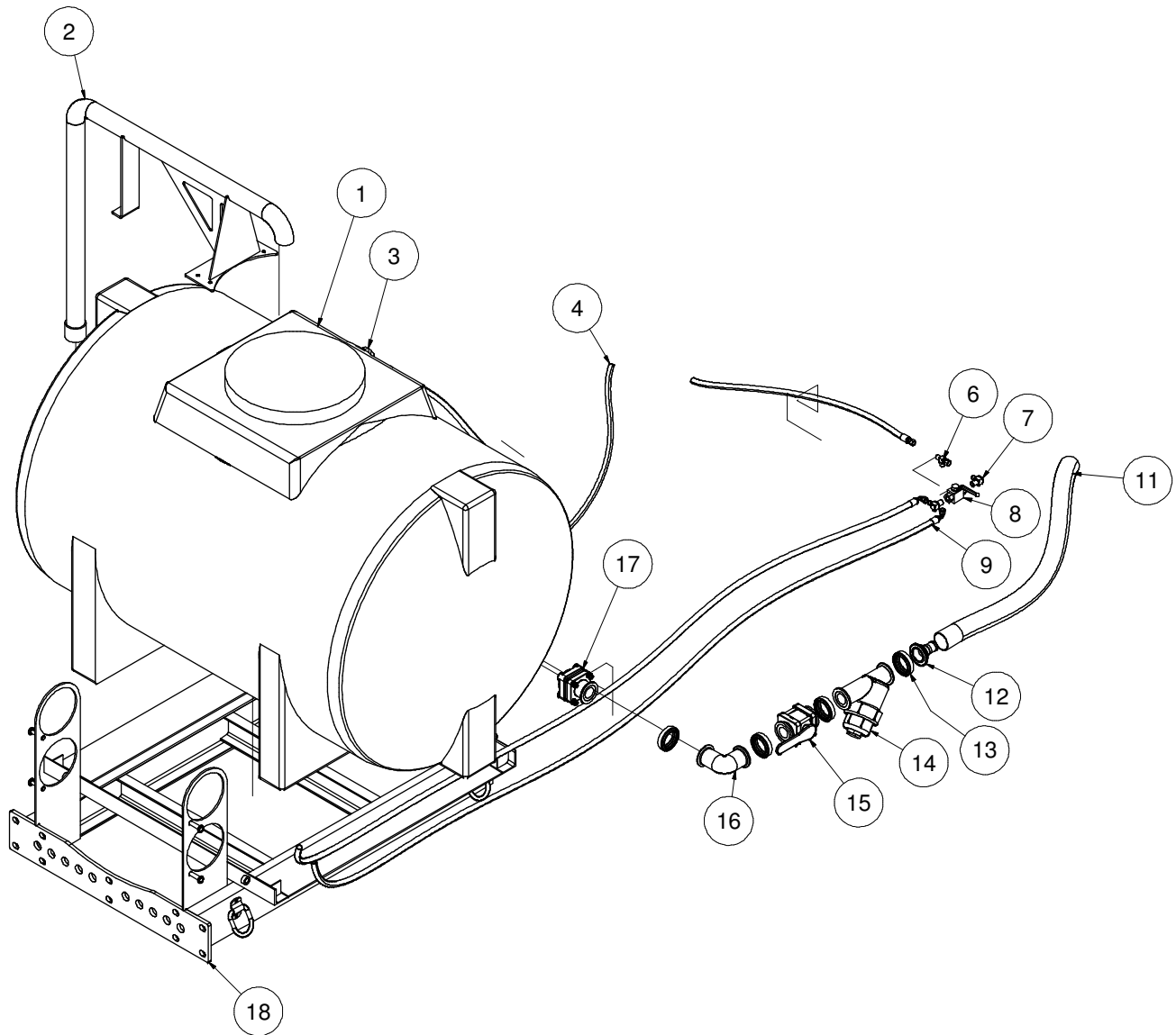
Water Tank Assembly

230 GAL

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8030338	230 GALLON WATER TANK
	2	8040084	WATER TANK STRAP
	1	8030931	WATER TANK LID
2	1	8090896	WATER LEVEL SWITCH, HORIZ
3	1	8030518	BULKHEAD 45 DEG, 8MJ
4	1	8041465	HOSE, BYPASS 230 WATER TANK
	2	8030524	PUSH LOCK HOSE FITTING 8FJ
5	1	8041467	HOSE, SUCTION
	2	8030524	PUSH LOCK HOSE FITTING 12FJ
6	1	T400100	UNION, 12MP - 12MJ
7	1	8031134	BUSHING, 2" X 3/4"NPT BANJO
8	1	8030996	ADAPTER, FEMALE 2" BANJO
9	4	8031000	CLAMP, WATER MANIFOLD
10	1	8031001	Y-STRAINER, 2" BANJO
	1	8031001-1	SP MANIFOLD BODY
	1	8031001-2	STRAINER CAP
	1	8031001-3	PLUG
	1	8031001-4	O-RING
	1	8031001-7	EPDM O-RING
	1	8031001-8	2" 80 MESH SCREEN
11	1	8030998	BALL VALVE, 1 1/2" ID BANJO
12	1	8030995	ELBOW, 2" BANJO
13	1	8030997	FLANGE BANJO 2" SIDE DRAIN
	1	80309972	FLANGE GASKET, 2" BANJO
*	4	8030999	GASKET, BANJO 2" MANIFOLD FITTING

Water Tank Assembly

410 TANK



041015-E

VACASSY605

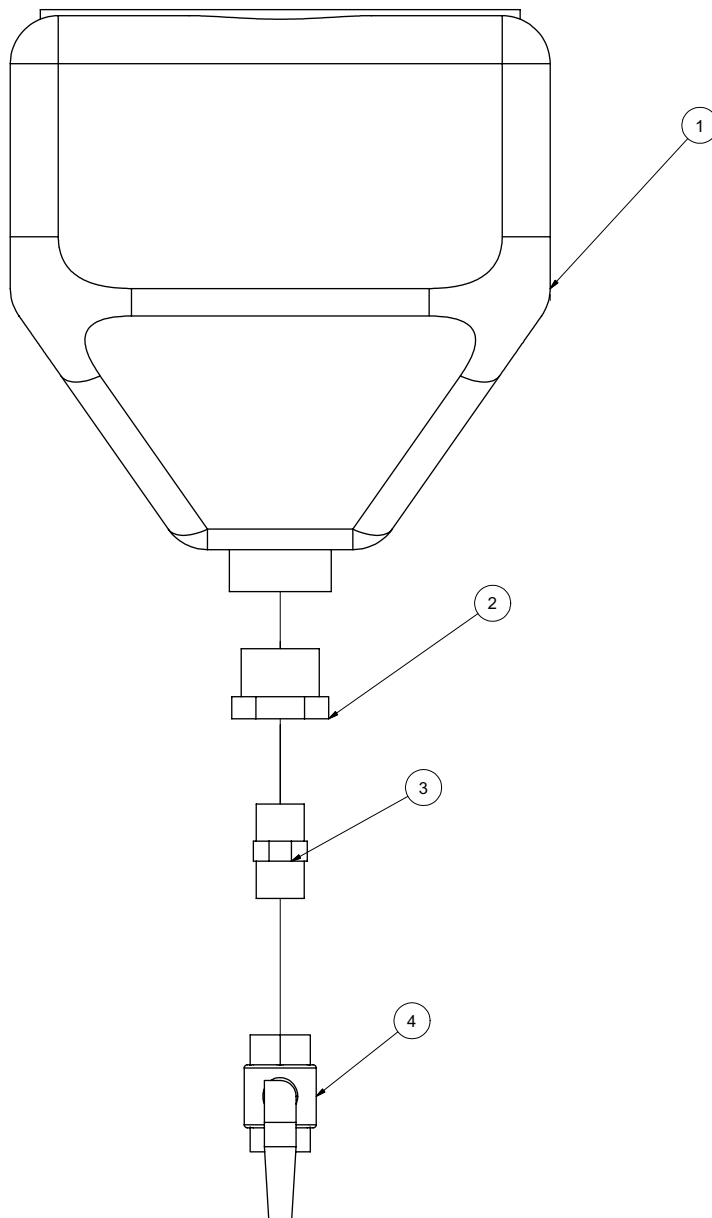
Water Tank Assembly

410 TANK

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8031121	410 GALLON WATER TANK
	2	8041535	WATER TANK STRAP
	1	8031121-1	410 GALLON WATER TANK LID
2	1	8041067	QUICK FILL
	4	U000425	SCREW HC 3/8"-16 X 1"
	8	U200600	WASHER FLAT 3/8"
	4	U210060	WASHER, LOCK 3/8"
	4	U100060	NUT, HEX 3/8"-16
3	1	8030518	1/2" BULKHEAD 45 DEG.
4	1	8042184	HOSE ASSY VAC 8-80 ST-ST
5	1	8042179	HOSE ASSY VAC 6-36 ST-ST
6	1	T402153	TEE #6MJ - #6MJ - #6FJ
7	2	T401102	ELBOW, #6MJ - 3/8"MP
8	1	8030351	3/8" BALL VALVE
9	1	8042178	HOSE ASSY VAC 6-155 ST-90
10	1	8042177	HOSE ASSY VAC 6-254 ST - ST
11	1	8042189	HOSE VAC CLEAR VINYL 1 1/4-36
12	1	8041999	FLANGED HOSE BARB 1 1/4" - 2"
13	4	8031000	CLAMP, WATER MANIFOLD
14	1	8031001	Y-STRAINER, 2" BANJO
	1	8031001-1	2" SP MANIFOLD BODY
	1	8031001-2	STRAINER CAP
	1	8031001-3	PLUG
	1	8031001-4	O-RING
	1	8031001-7	EPDM O-RING
	1	8031001-8	2" 80 MESH SCREEN
15	1	8030998	BALL VALVE, 1-1/2 ID BANJO
16	1	8030995	ELBOW, 2" BANJO
17	1	8030997	FLANGE BANJO 2" SIDE DRAIN
	1	80309972	FLANGE GASKET, 2" BANJO
	4	U100060	NUT, HEX 3/8-16
	4	U210060	WASHER, LOCK 3/8
18	1	8049116	SKID, 410 WATER TANK
*	1	8090896	SWITCH, WATER TANK HORIZ
*	4	8030999	GASKET, BANJO 2" MANIFOLD FITTING

* NOT SHOWN

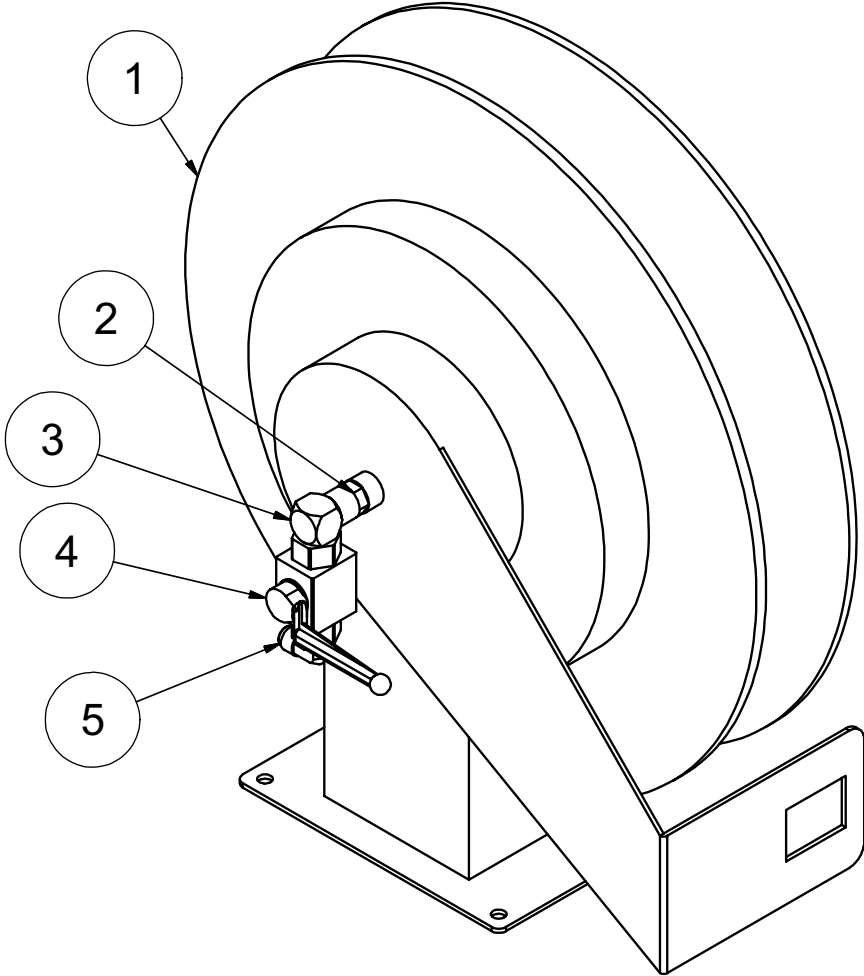
Antifreeze Assembly



Antifreeze Assembly

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8030394	ANTI-FREEZE TANK 4 GAL.
	4	U000180	SCREW, HC .312 -18 X .750
	4	U200040	WASHER, FLAT 5/16"
	4	U210040	WASHER, LOCK 5/16"
2	1	T400585	REDUCER, 20MP-12FP
3	1	T400800	UNION, 12MP-12MP
4	1	T000185	BALL VALVE, BRASS 3/4" FP

Hose Reel Assembly

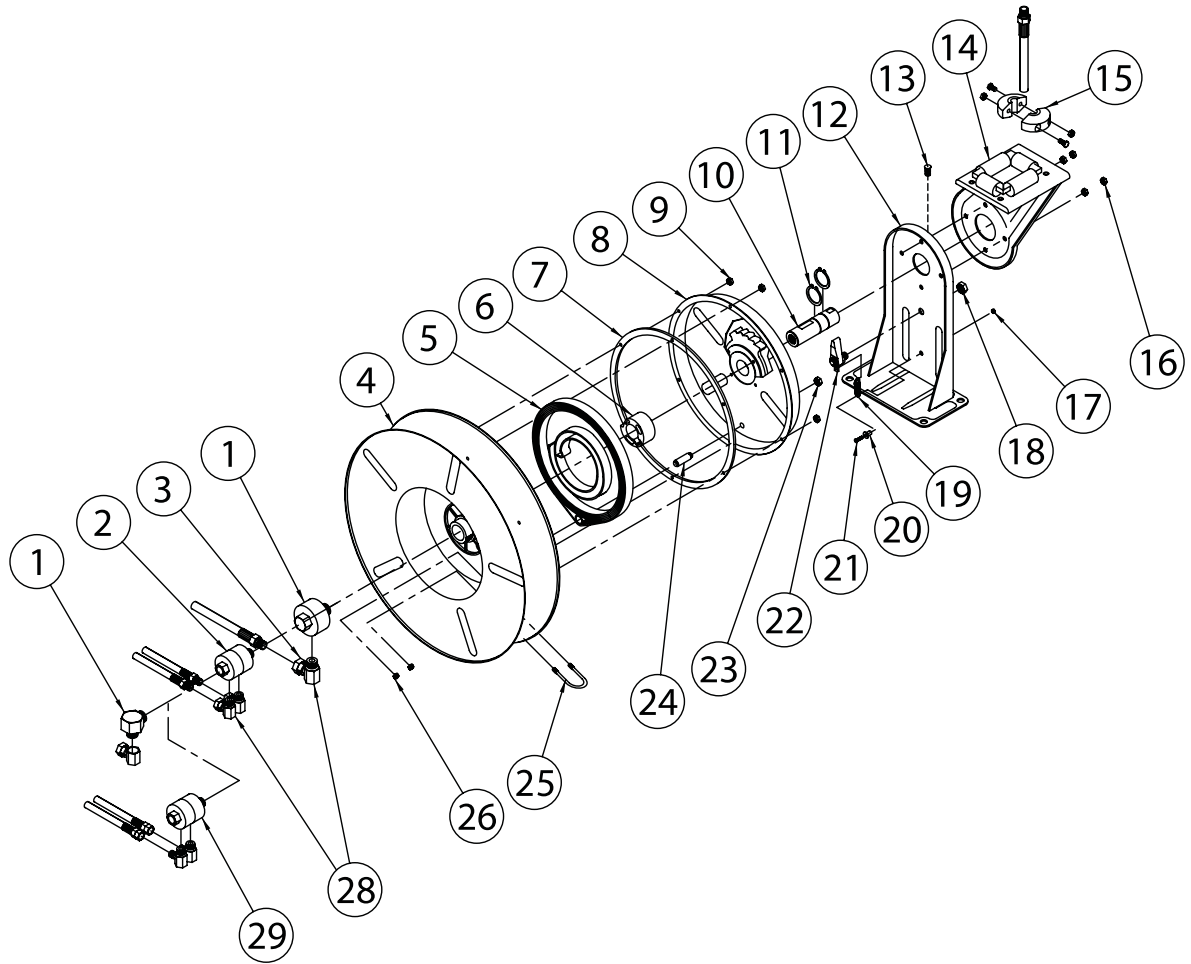


Hose Reel Assembly

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8031240	REEL with HOSE SPRINGDRIVEN 3/8" X 50'
2	1	8031269	UNION, 1/2"MP - 3/8"MP
3	1	T401065	ELBOW, 3/8"MP - 3/8"FP
4	1	8030351	STEEL BALL VALVE - 3/8"NPT
5	1	8030498	ELBOW, 3/8"MP - 3/8"MJ 90

Hose Reel

Components



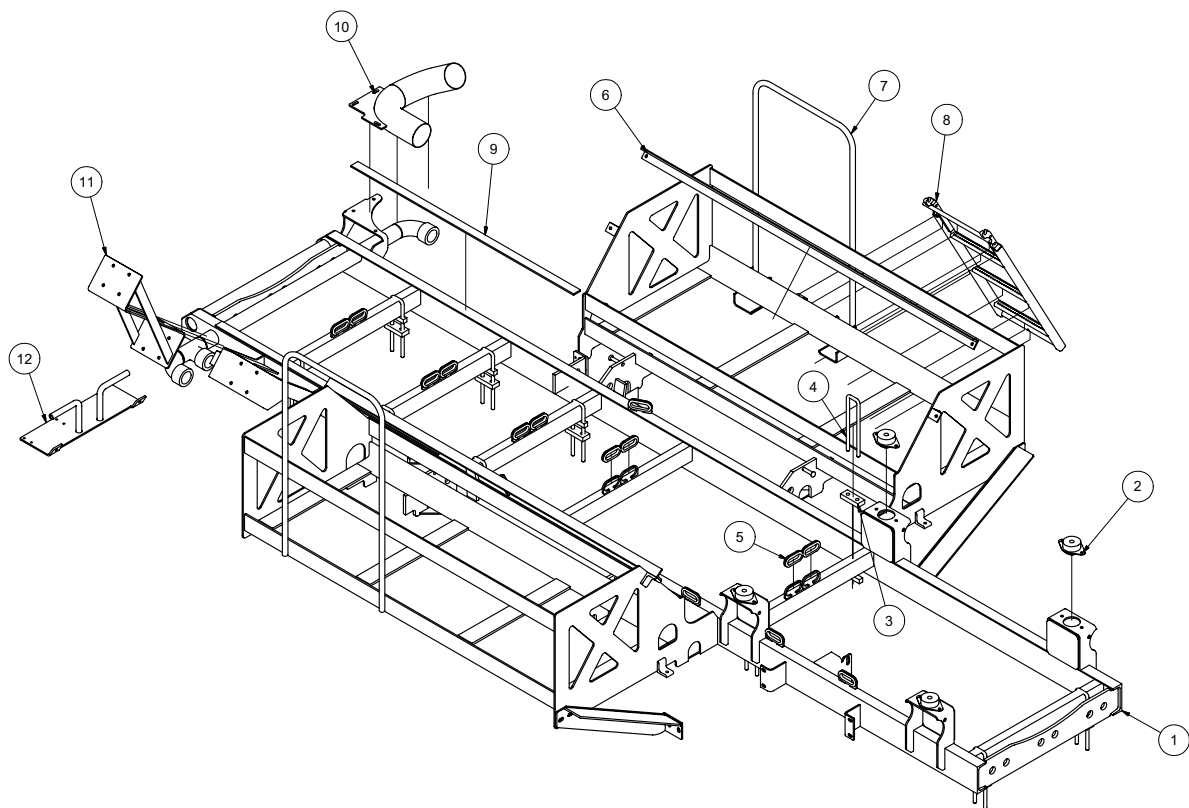
Hose Reel

Components

ITEM	QTY	NUMBER	DESCRIPTION
		8031240	REEL with HOSE SPRINGDRIVEN 3/8" X 50'
1	1	8031240-1	SWIVEL ASSEMBLY
2	1	8031240-2	SWIVEL & ELL ASSEMBLY
3	1	8031240-3	90 DEG ELL
4	1	8031240-4	SHEAVE ASSEMBLY
5	1	8031240-5	DRIVE SPRING ASSEMBLY
6	1	8031240-6	SPRING ARBOR ASSEMBLY
7	1	8031240-7	GASKET
8	1	8031240-8	SPRING CASE ASSEMBLY
9	6	8031240-9	10-32 HEX LOCKNUT
10	1	8031240-10	MAIN SHAFT
11	2	8031240-11	1 1/4" SNAP RING
12	1	8031240-12	BASE ASSEMBLY
13	1	8031240-13	1/2"-13 SET SCREW
14	1	8031240-14	GUIDE ARM W/ROLLERS
15	1	8031240-15	HOSE BUMPER ASSEMBLY
16	4	8031240-16	5/16"-18 LOCKNUT
17	1	8031240-17	10-32 X 3/8" NYLOCK NUT
18	1	8031240-18	1/2"-20 X 5/8" HEX NUT
19	1	8031240-19	LATCH SPRING
20	1	8031240-20	BUSHING
21	1	8031240-21	10-32 X 7/8" SCREW
22	1	8031240-22	LATCH PAWL ASSEMBLY
23	1	8031240-23	3/8"-24 JAM NUT
24	1	8031240-24	SPRING CASE STUD
25	1	8031240-25	U-BOLT
26	4	8031240-26	1/4"-20 X 3/8" LOCKNUT
28	1	8031240-28	SWIVEL UNION

Skid Assembly

V800HD/V1200HD SADDLE TANKS



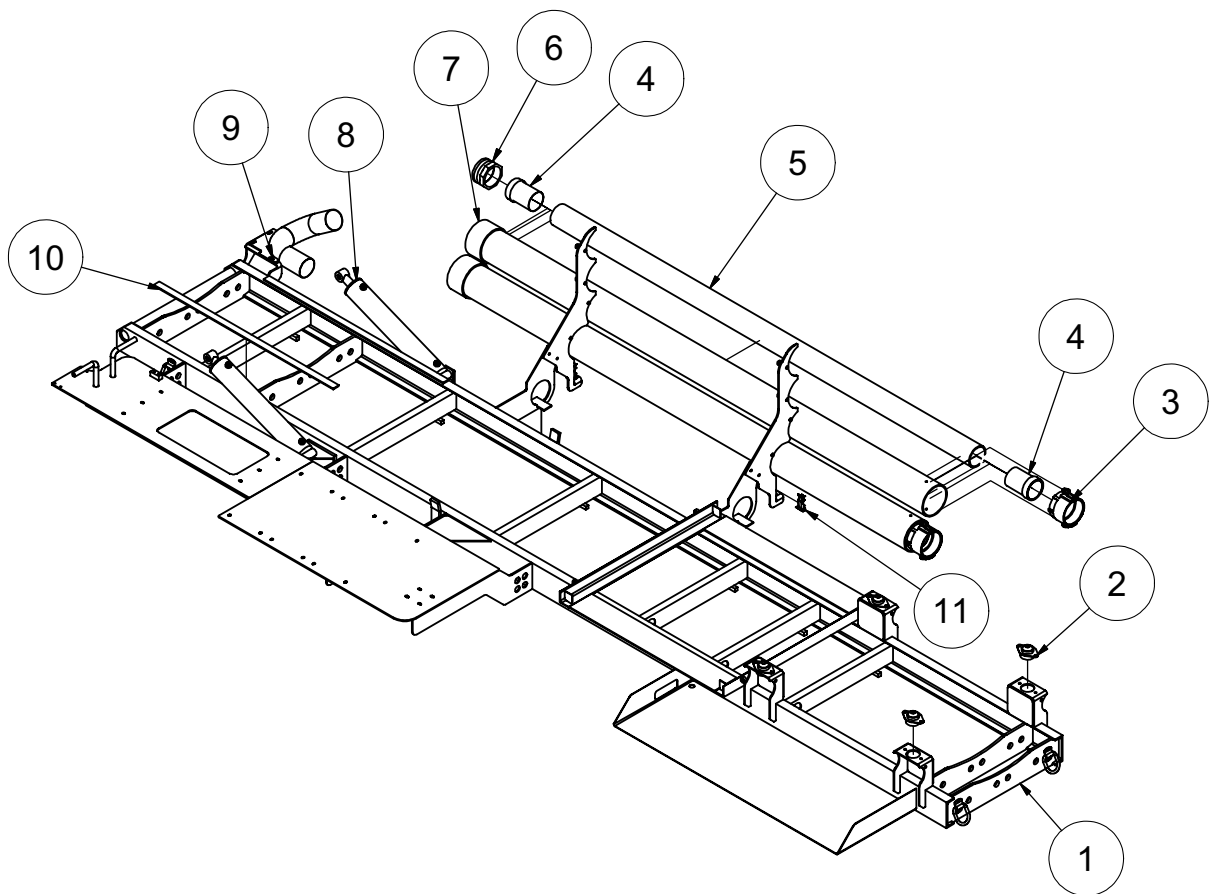
Skid Assembly

V800HD/V1200HD SADDLE TANKS

ITEM	QTY	PART #	DESCRIPTION
1	1	8044331	V800HD SKID-WELDMENT
	1	8044545	V1200HD SKID-WELDMENT
2	4	8030904	ISOLATOR 840LB.
	4	U000560	SCREW, HC 3/8-16 X 3"
	4	8030389	WASHER, SNUBBLING
	4	U120110	NUT, LOCK 3/8"
	8	U000420	SCREW, HC 3/8-16 X 1"
	24	U200060	WASHER, FLAT 3/8"
	8	U210060	WASHER, LOCK 3/8"
	8	U100060	NUT, HEX 3/8-16
3	10	8040240	U-BOLT MOUNTING BLOCK
4	10	8040038	U-BOLT, 1/2-13 X 10"LG - 1 5/8"GAP GR.8
	10	8040038-1	WASHER, 1/2"
	10	8040038-2	NUT, 1/2-20
5	15	8042812	GROMMET 2"ID3"OD1/4"WOG TRAILER SLOT MODEL
6	2	8044390	WATER TANK ANGLE HOLDER
7	2	8044408	AIR FILTER PULL UP BAR
8	1	8044410	LADDER WELDMENT
9	2	8041376	PLASTIC STRIP, 1/4" X 1 1/2" X 30'
	6	U030015	SCREW SOCKET FLAT HEAD 1/4-20 X 3/4"
10	1	8044451	EXHAUST ELBOW TANK PIVOT 4"
11	1	8045513	HOSE REEL BRACKET EXT. WELMENT (OPTIONAL JETTER)
12	1	8045536	JETTER CONTROL PLATE WELDMENT (OPTIONAL JETTER)

Skid Assembly

V1200



Skid Assembly

V1200

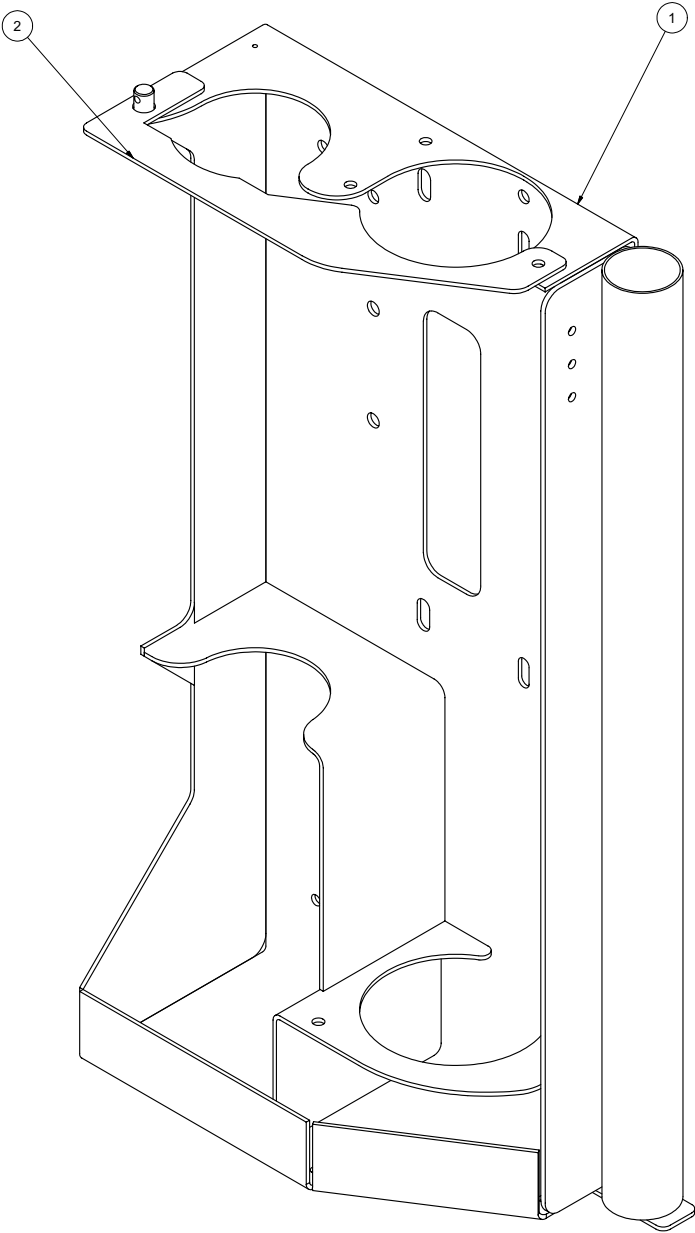
ITEM	QTY	PART #	DESCRIPTION
1	1	8043632	SKID, V1200HD 12-30 JETTER
2	4	8030904	ISOLATOR 840LB.
3	2	8030846	4" FEMALE COUPLER
4	4	8030560	4" HOSE COUPLING WELDMENT
5	2	8042310	HOSE VAC KANAFLEX 4-112
6	2	8030844	4" MALE CAMLOCK
7	2	8041102	6" PVC STORAGE TUBE 10'LG
	2	8030925	END CAP 6"
	2	8041485	LANYARD CABLE
	4	8040959	HOSE STORAGE CLAMP
	2	8041101	HOSE STORAGE RETAINING ROD
	2	R700175	R-CLIP, 1 5/8 SHANK
8	2	8030359	SPOIL TANK HYDRAULIC CYLINDER
	4	T401270	ELBOW, 90 8MP - 6MJ
	2	8042004	HOSE ASSY VAC 6-80 ST-ST (RETURN)
	2	8041521	HOSE ASSY VAC 6-55 ST-ST (PRESSURE)
	2	T402154	TEE, 6MJ - 6MJ - 6MJ
9	1	8044451	EXHAUST ELBOW TANK PIVOT 4"
10	2	8041376	PLASTIC STRIP 1/4" X 1/2" X 30"
	6	U030015	SCREW SOCKET FLAT HEAD 1/4" - 20 X 3/4"
11	2	8040899	CLIP, TOOL HOLDER

* 4 8041686 GROMMET 1"ID - 1 1/4"DOG - 1/4"WO

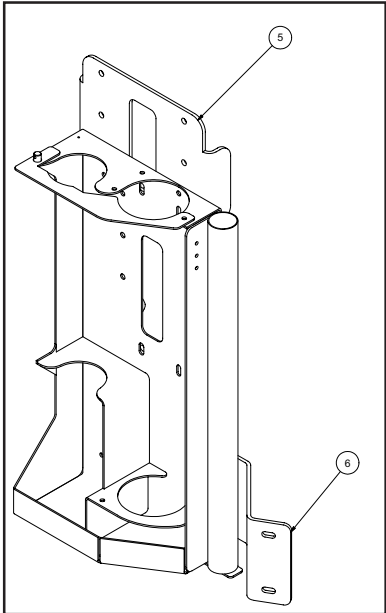
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Tool Rack Assembly

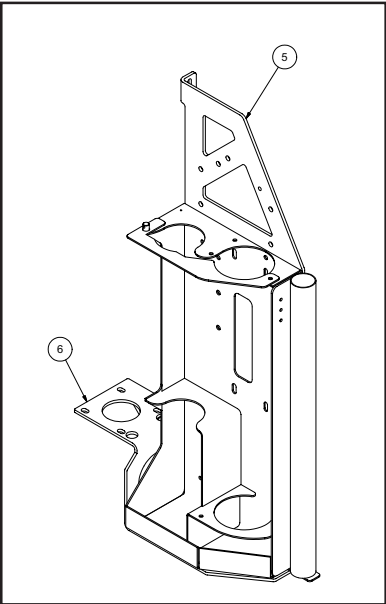
HD



I-BEAM TRAILER



SKID UNIT



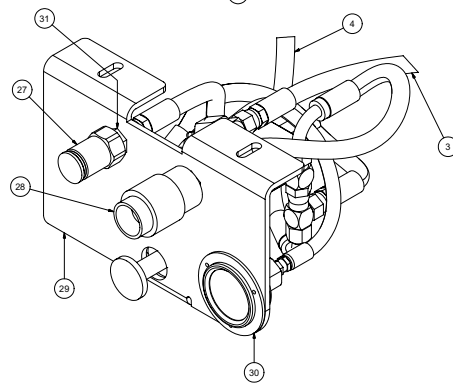
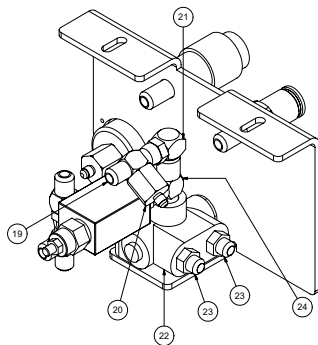
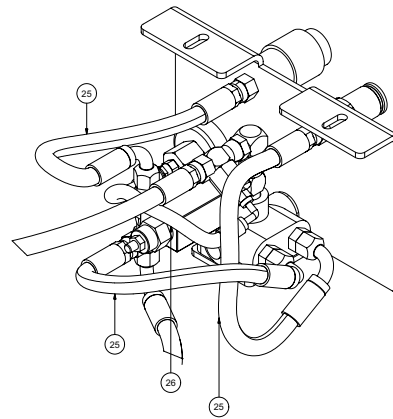
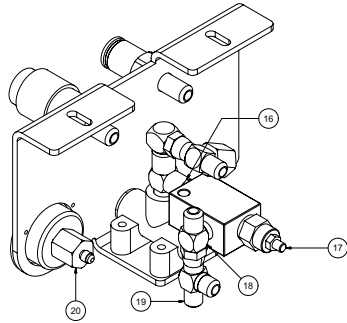
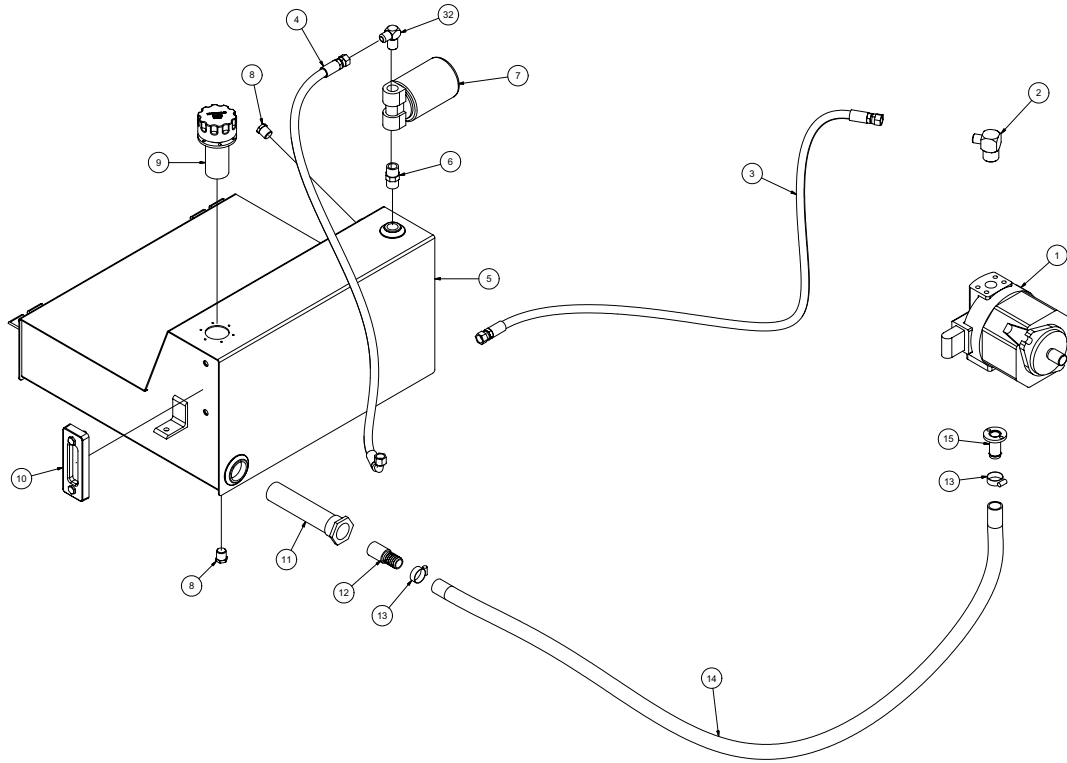
Tool Rack Assembly

HD

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8040985	TOOL RACK WELDMENT, HD
2	1	8040989	TOOL RACK CLOSURE, HD
	1	R700175	R CLIP 7/8"
	1	8041259	STRAP, 10"
	1	8041485	LANYARD CABLE
	1	8041244	CLEVIS PIN 1/2" DIA. 3/4"
3	1	8044818	ANTIFREEZE BRACKET (I-BEAM TRAILER)
	4	U000020	SCREW, HC 5/16 - 18 X 1.00"
	4	U000180	SCREW, HC 5/16 - 18 X .750"
	16	U200040	WASHER, FLAT 5/16"
	8	U210041	NUT, LOCK, NY 5/16"
4	1	8044817	TOOL RACK BRACKET (I-BEAM TRAILER)
	3	U000420	SCREW, HC .375 - 16 X 1.00
	3	U120110	NUT, LOCK .375 - 16
	6	U200600	WASHER, FLAT .375
5	1	8041780	ENCLOSURE STIFFENER BRACE (SKID UNITS)
	4	U000040	SCREW, HC 1/4"-20 X .750"
	8	U200020	WASHER, FLAT .250"
	4	U120100	NUT, LOCK .250"
6	1	8043601	TOOL RACK BRACKET - VK (SKID UNITS)
	4	U000420	SCREW, HC .375"-16 X 1.00"
	8	U200060	WASHER, FLAT .375"
	4	U120110	NUT, LOCK .375-16
	2	U000040	SCREW, HC 1/4"-20 X .750"
	4	U200020	WASHER, FLAT .250"
	2	U120100	NUT, LOCK .250"

Auxillary Hydraulics

67/73 HP



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VACASSY955

Auxillary Hydraulics

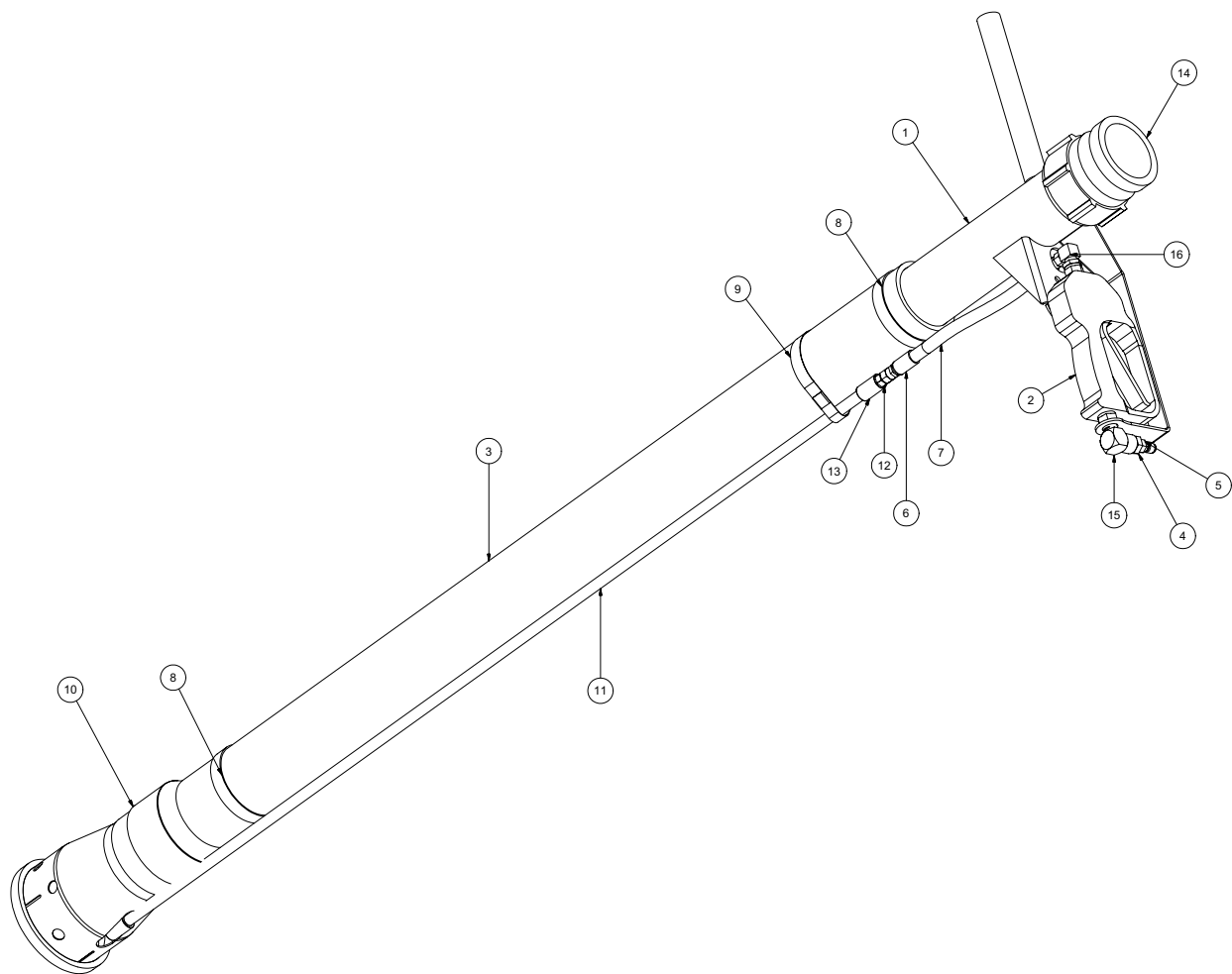
67/73 HP

ITEM	QTY	PART	DESCRIPTION
1	1	8031176	AUX. HYD PUMP
2	1	T401300	ELBOW 90 DEG 5/8"MB - 1/2"MJ
3	1	8041868	SUPPLY HOSE ASSY VAC 8-130 ST-ST
4	1	8041869	RETURN HOSE ASSY VAC 8-100 ST-90
5	1	8041143	HYDRAULIC TANK
6	1	T400800	UNION, HEX 12MP - 12MP
7	1	T700080	FILTER, HYD ASSY
	1	T700090	FILTERELEMENT
8	2	T405065	PLUG, 3/4"MP
9	1	2050068	CAP ASSY HYD TANK
10	1	T720115	GUAGE, SIGHT, HYD OIL
11	1	8011058	SUCTION STRAINER 100 MESH
12	1	8043963	HOSE FITTING 1"NPT - 1" HOSE BARB
13	2	8044011	CLAMP T-BOLT 150
14	1	8044010	SUCTION HOSE VAC HYDSUC 16-28
15	1	8043964	ELBOW, 45DEG 1"HB - 3/4"MB
16	1	T404020	UNION, 1/2"MP - 1/2"MP
17	1	8041829	RELIEF VALVE
18	1	T402120	TEE, 1/2"MJ - 1/2"MP - 1/2"MJ
19	2	T402155	TEE, 1/2"FJ - 1/2"MJ - 1/2"MJ
20	2	T400700	REDUCER, 1/2"FJ - 1/4"MJ
21	1	T401140	ELBOW, 1/2"MP - 1/2"MJ
22	1	T000200	SELECTOR VALVE
23	2	T400040	UNION, 1/2"MP - 1/2"MJ
24	1	T402159	TEE, 1/2"MP - 1/2"FP - 1/2"MP
25	3	8041492	HOSE ASSY VAC 8-18 ST-90
26	1	8041494	HOSE ASSY VAC 4-18 ST-90
27	1	8030662	Q.D. MALE DRIPLESS 1/2"
28	1	8030663	Q.D. FEMALE DRIPLESS 1/2"
29	1	8041149	AUX HYD CONSOLE - MTG PLATE
30	1	HM00092	PRESSURE GUAGE
31	2	T400396	BULKHEAD, 1/2"MP - 1/2"MJ
32	1	T401160	ELBOW 90 DEG 3/4"MNPT - 1/2"MJ
*	1	J200002	DECAL SHEET

* NOT SHOWN

Tools (Option)

HD Reduction Tool



Tools (Option)

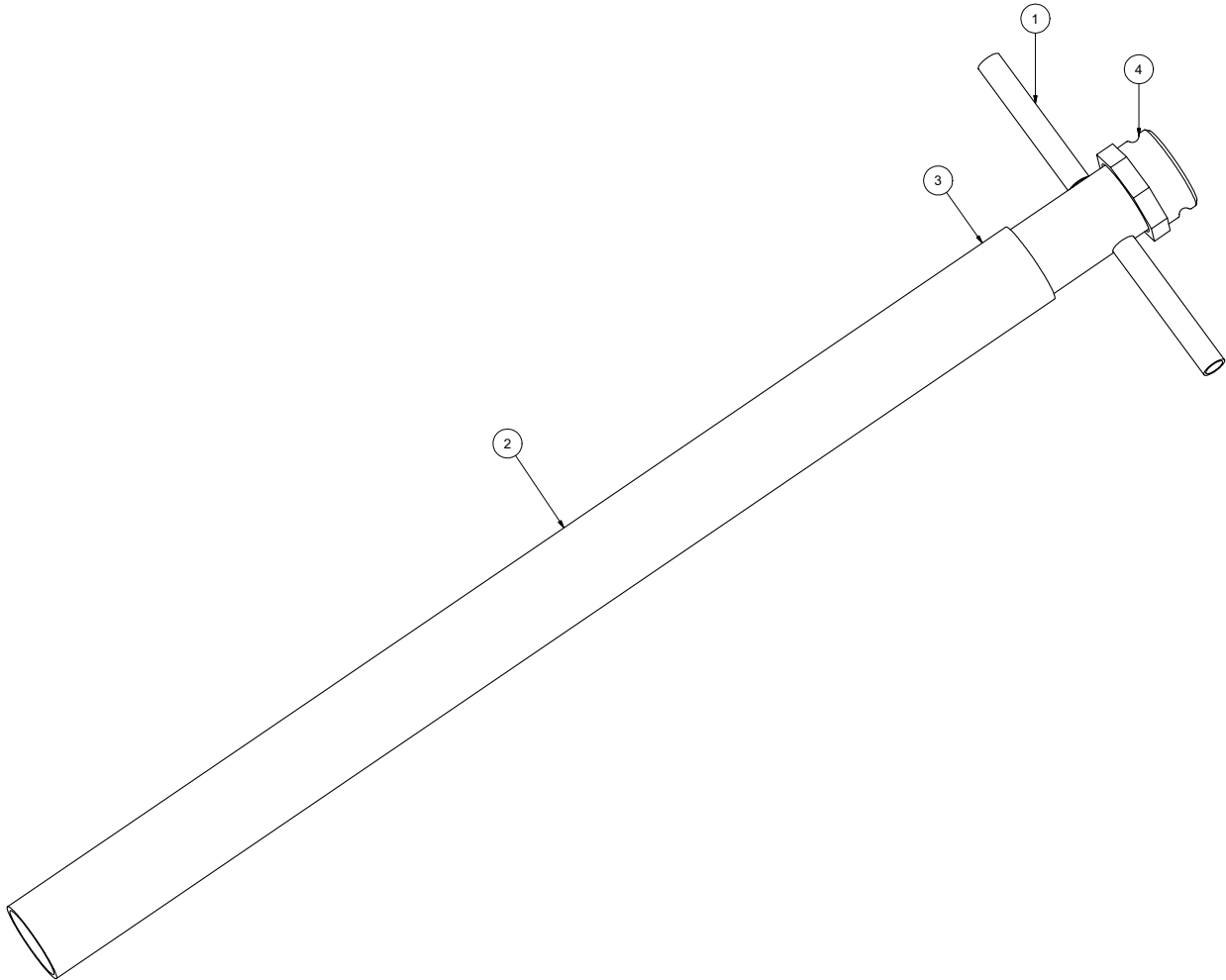
HD Reduction Tool

ITEM	QTY	PART NO.	DESCRIPTION
-	-	8043118	TOOL VAC REDUCTION HD COMPLETE
1	1	8042862	TOOL VAC HEAD ASSY 3"
2	1	8042026	STRAIGHT SPRAY GUN
3	1	8042811	TOOL VAC REDUCTION PVC 3" X 48"
4	1	T400023	UNION 6MP 4FP
5	1	8030486	WATER QD 1/4 MNPT SS
6	2	T320030	FITTING, HOSE 4HO 4FJ
7	1	8031278	HOSE ASSEMBLY REDUCTION TOOL
8	2	8030244	VAC CLAMP BAND 3 1/2" PUNCHLOCK
9	1	8030244	VAC CLAMP BAND 3 1/2" PUNCHLOCK
10	1	8041099	TOOL VAC REDUCTION HD LOWER ASSY
11	1	8030247	VAC WATER SUPPLY TUBE
12	1	T400020	UNION 1/4" MP-1/4" MJ STRAIGHT
13	1	8030367	VAC FITT 1/4" FF-S
14	1	8030391	BANJO 3" MALE 3" FNPT
15	1	T401065	ELBOW, 3/8 MP - 3/8 FP
16	1	T401100	ELBOW 4MP 4MJ 90
*	2	8030370	REDUCTION TOOL NOZZLE
*	2	8031268	REDUCTION TOOL NOZZLE 45 DEG

* NOT SHOWN

Tools

4" Suction Tool



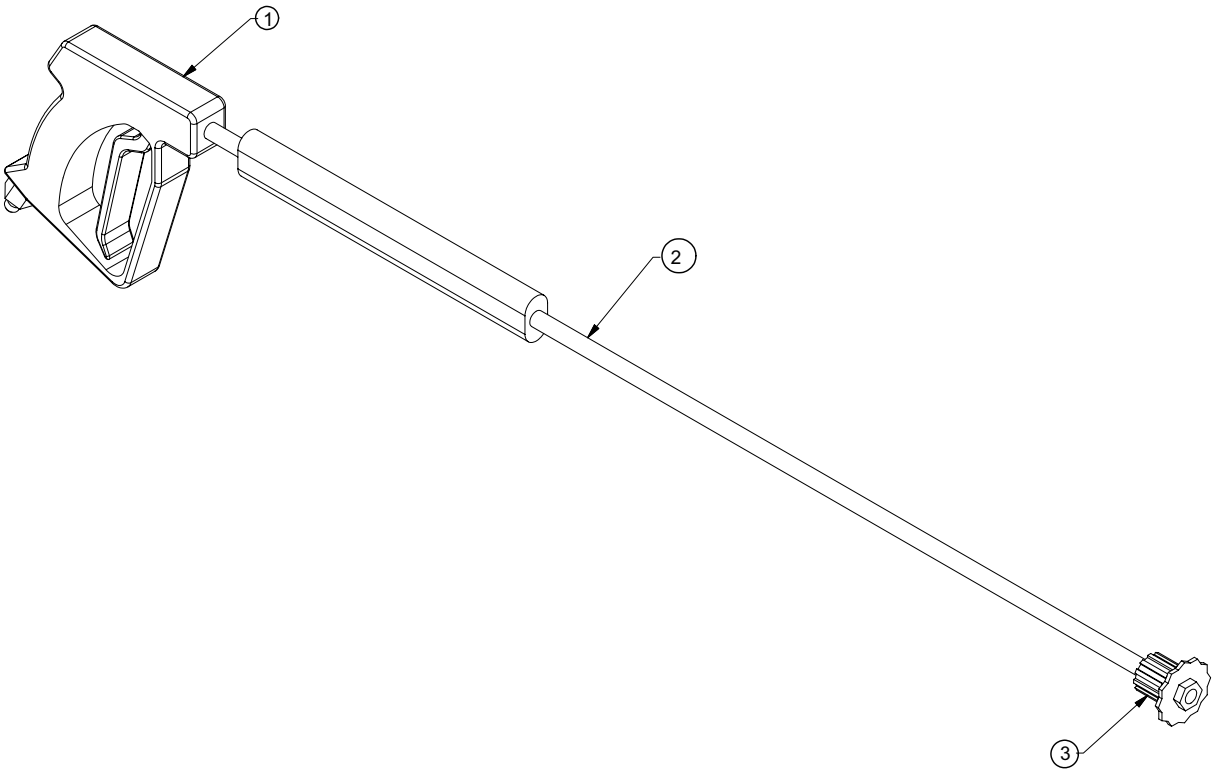
Tools

4" Suction Tool

ITEM	QTY	NUMBER	DESCRIPTION
	1	8040983	TOOL VAC SUCTION 4" COMPLETE
1	1	8040981	TOOL VAC HANDLE ASSEMBLY 4"
2	1	8040982	PVC VACUUM TUBE 4"
3	1	8030912	CLAMP, 4.5" PUNCHLOK
4	1	8030844	COUPLING, 4" BANJO

Tools

Wash Wand



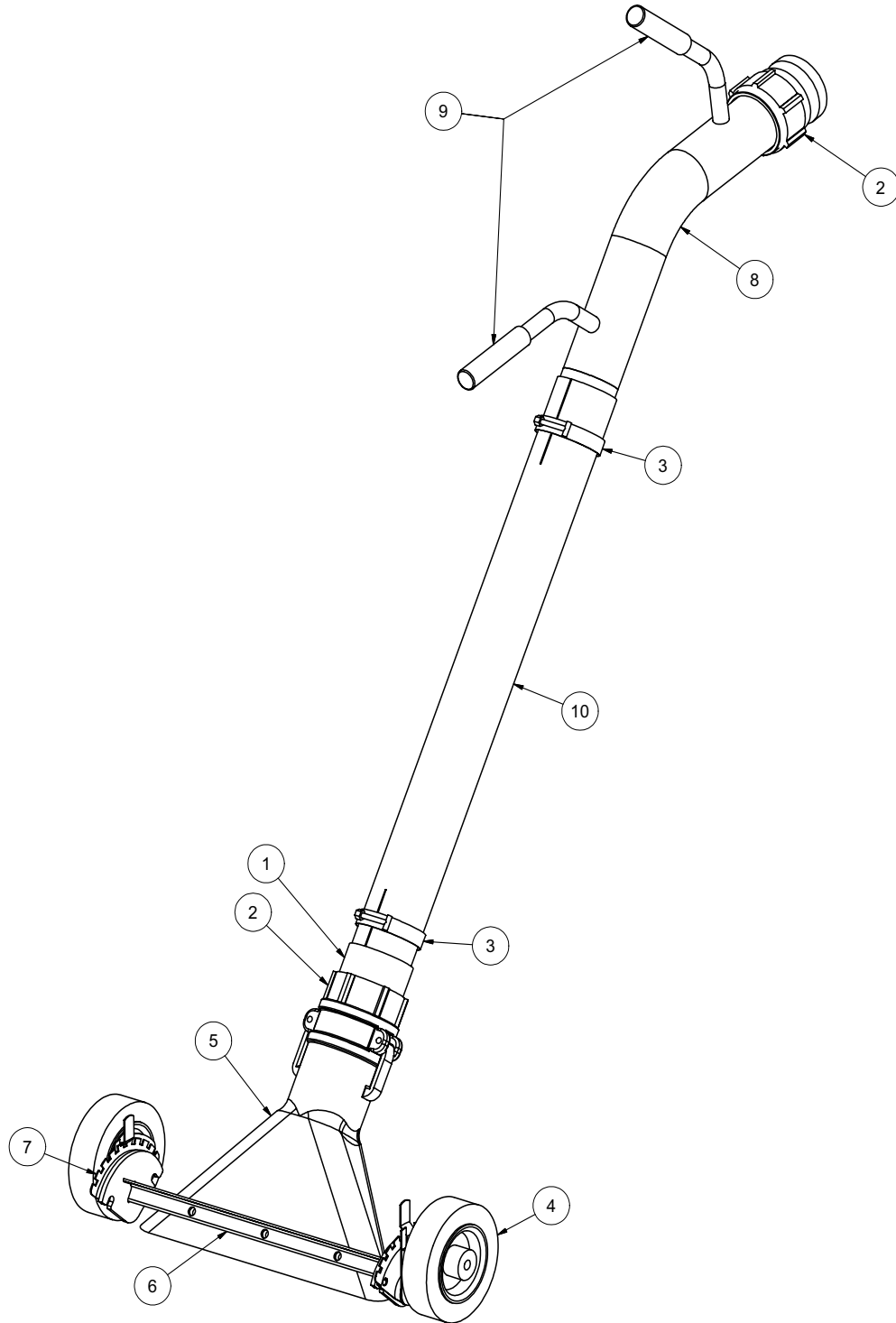
Tools

Wash Wand

Item	Qty	Number	Description
	1	8030348	TOOL VAC SPRAY WAND COMPLETE
1	1	8030928	TRIGGERASSEMBLY
2	1	8030847	WAND
3	1	8031308	NOZZLE,#6 40 DEGREE FOR WAND

Tools

Lawn Sweeper 3''



071708

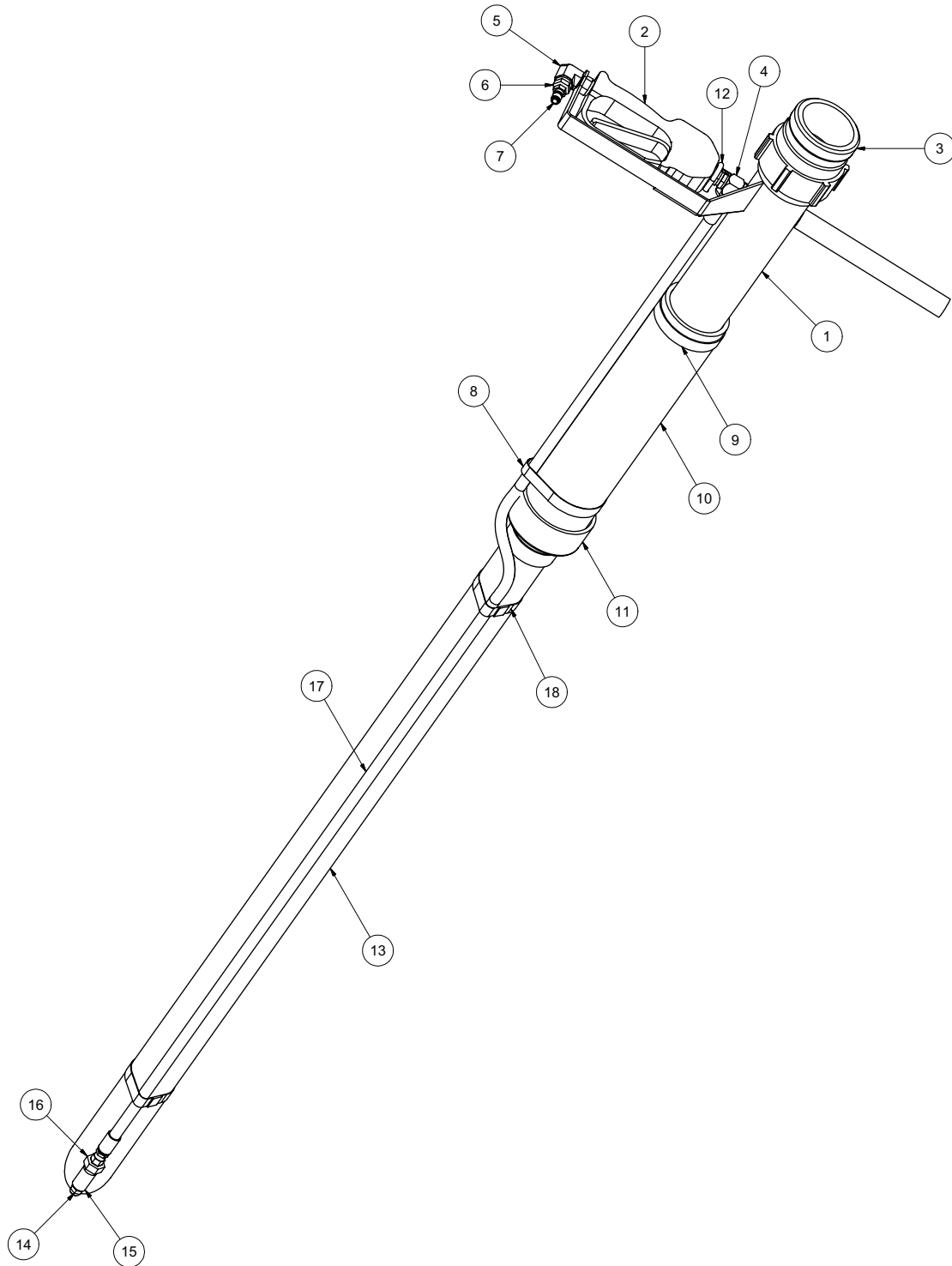
VACASSY713

Tools

Lawn Sweeper 3"

ITEM	QTY	PART #	DESCRIPTION
1	1	8030287	3" HOSE X 3" MNPT ADAPTER
2	2	8030391	BANJO 3" MALE 3" FNPT
3	2	8042605	CLAMP T-BOLT 3" (350)
4	2	8043887	WHEEL 6" PNEUMATIC
5	1	8043925	DUCKBILL 3" ALUMINUM
6	1	8043928	LS WHEEL WELDMENT
7	1	8043931	WHEEL ADJUSTERS (1 LEFT/1 RIGHT)
8	1	8043933	LS HANDLE WELDMENT
9	2	J300080	HANDLE GRIP
10	1	8043932	PVC 3" X 30"

Valve Box Cleanout Tool



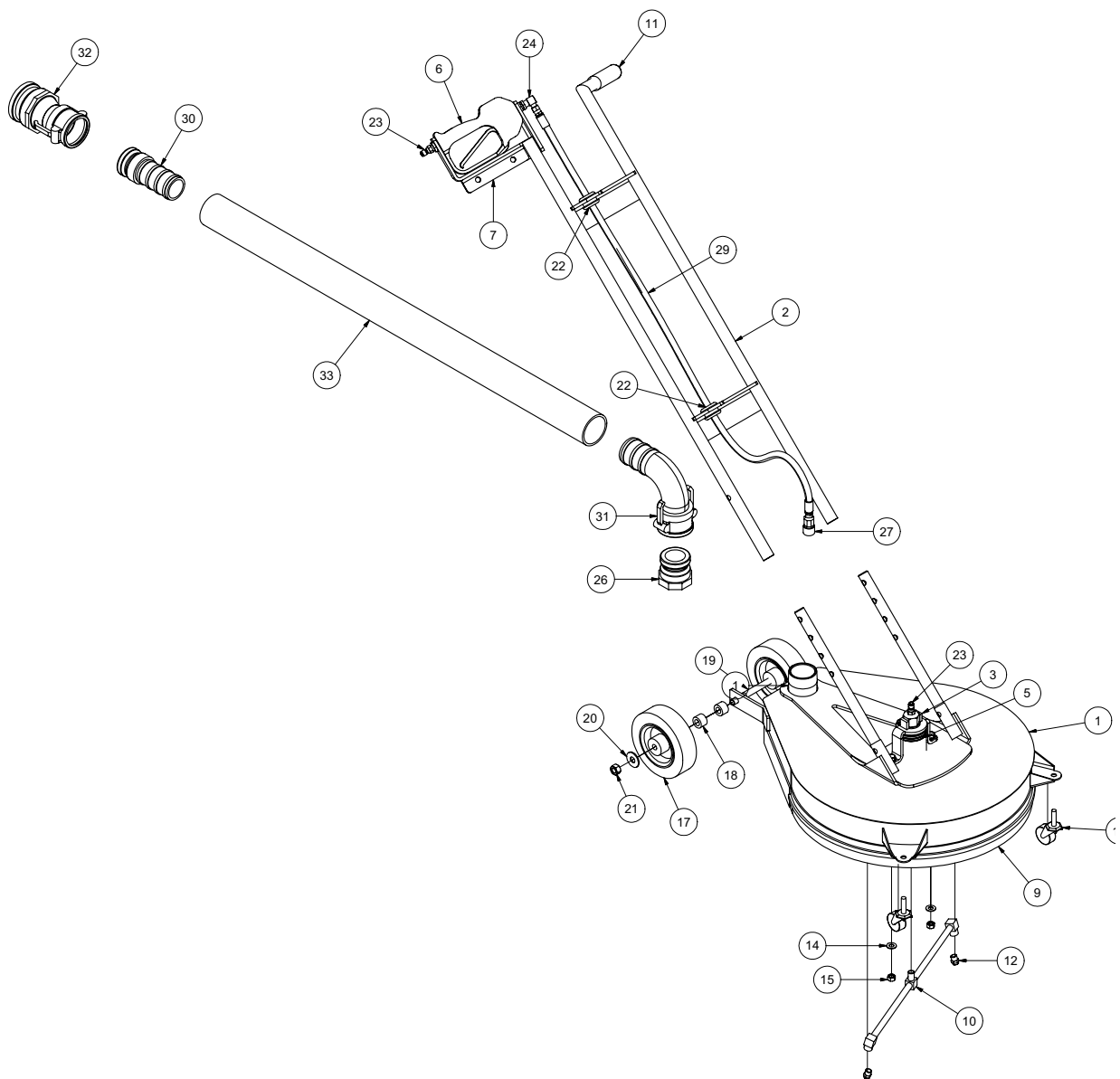
050709

VACASSY714

Valve Box Cleanout Tool

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8042862	REDUCTION TOOL HEAD WELD'T
2	1	8042026	STRAIGHT SPRAY GUN
3	1	8030391	BANJO 3" MALE FNPT
4	1	T401100	ELBOW 4MP 4MJ 90
5	1	T401065	ELBOW, 3/8 MP - 3/8 FP
6	1	T400023	REDUCER 6MP 4FP
7	1	8030486	WATER QD 1/4 MNPT SS
8	1	8042855	CLAMP HOSE T-BOLT 375
9	1	8042605	CLAMP HOSE T-BOLT 350
10	1	8044096	PVC 3" DIA X 9" LONG
11	1	8030669	REDUCER PVC 3" TO 2" SLIP ON
12	1	U010019	U-BOLT 1_4-20 X 3_4 WIDE X 2 1_4 LONG
13	1	8044097	PVC 2" DIA X 42.5" LG
14	1	8031246	NOZZLE, .100 X 0 DEG
15	1	T422010	COUPLING 1/4"FP
16	1	U400020	UNION, 1/4" MP - 1/4" MJ
17	1	8044098	HOSE ASSY VALVE BOX CLEANOUT TOOL
18	2	8045316	CLAMP, HOSE T-BOLT 275

Surface Cleaner

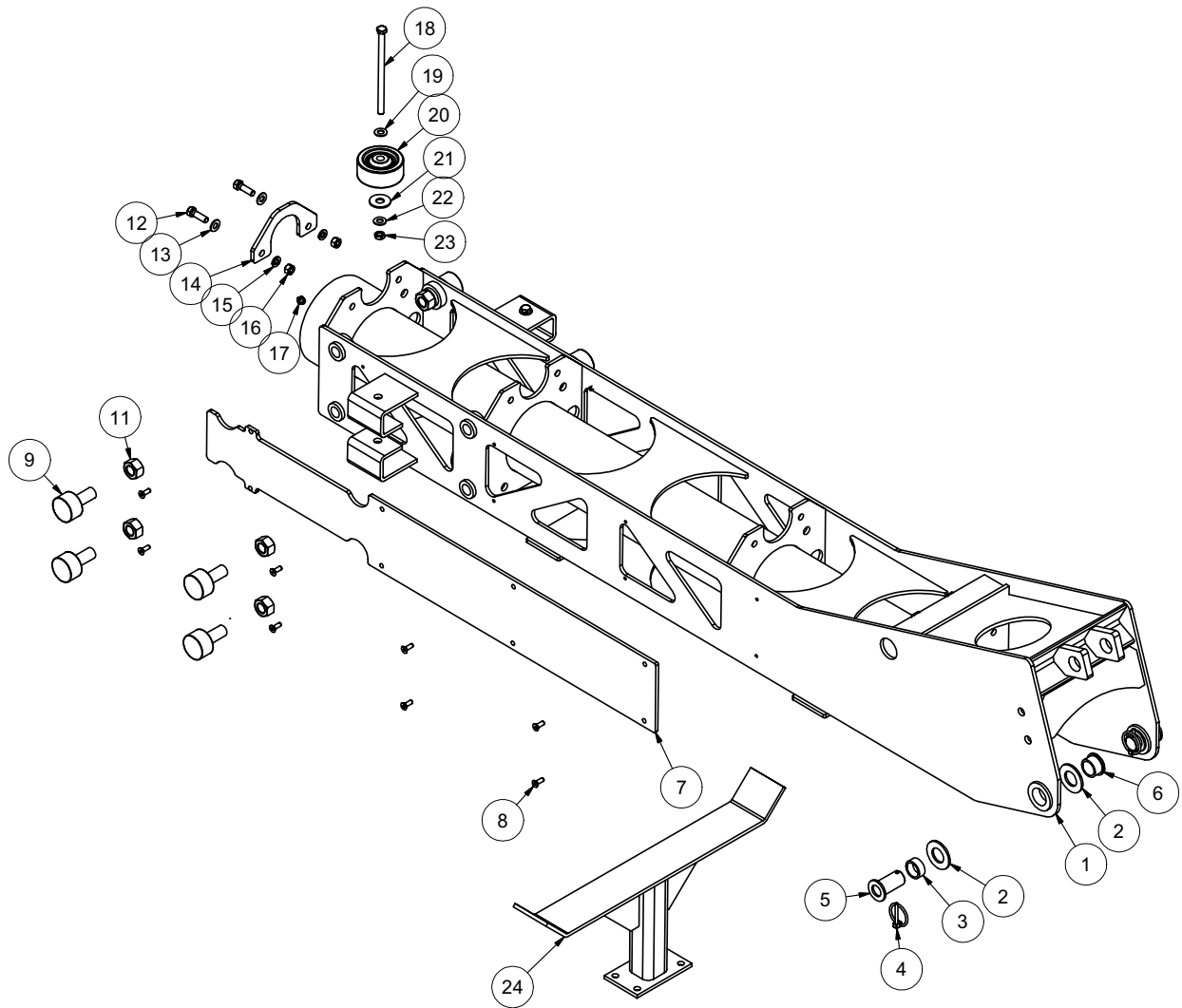


Surface Cleaner

ITEM	QTY	PART NO.	DESCRIPTION
1	1	8041887	SURFACE CLEANER - HEAD ASSY
2	1	8042019	HANDLE ASSY
3	1	8041890	ROTARY RETAINER
4	2	8042022	HANDLE ADJ. TUBE
5	1	8042027	ROTARY HEAD
6	1	8042026	STRAIGHT SPRAY GUN
7	1	8042020	GUN CAPTURE BRACKET
8	1	8043467	SQUEEGEE
9	1	8042030	FLEXIBLE BRUSH
10	1	8042028	ROTARY ARM
11	1	J300080	GRIPHANDLE
12	2	8031419	NOZZLE, #4.0 25 DEG
13	2	U000420	SCREW, HC 3/8-16 X 1.00
14	4	U200600	WASHER, FLAT 3/8"
15	2	U100060	NUT, HEX 3/8-16
16	2	8043387	SWIVEL CASTER 1 5/8"
17	2	8043887	WHEEL 6" PNEUMATIC
18	2	8043591	SURFACE CLEANER REAR WHEEL SPACER
19	1	U001060	SCREW, HC 1/2-13 X 6.0
20	2	U200100	WASHER, FLAT 1/2"
21	1	U120120	NUT, LOCK 1/2-13
22	2	8041686	GROMMET 1"ID- 1 1/4"DOG-1/4"WO
23	2	8030486	WATER QD 1/4 MNPT SS
24	1	T401100	ELBOW 4MP 4MJ 90
25	1	T320030	FITTING, HOSE 4HO 4FJ
26	1	8043389	ADAPTER M2" F THREAD
27	1	8030526	FITTING, QD WATER 1/4"F-1/4"FP
28	1	T320300	FITTING, HOSE 4HO 4MP
29	1	8044108	HOSE VAC SURFACE CLEANER
30	1	8043392	ADAPTER M2" F THREAD
31	1	8043391	REDUCER COUPLER 2"F 90 DEG - 3"M
32	1	8043395	REDUCER COUPLER 2" X 3" ADAPTER
33	1	8043398	HOSE VAC CLEAR 2"
*	2	8043397	CLAMP VAC CLEAR HOSE 2"
*	4	U360020	PIN, U-LOCK 3/8 X 1.5

PIVOT ARM

BOOM



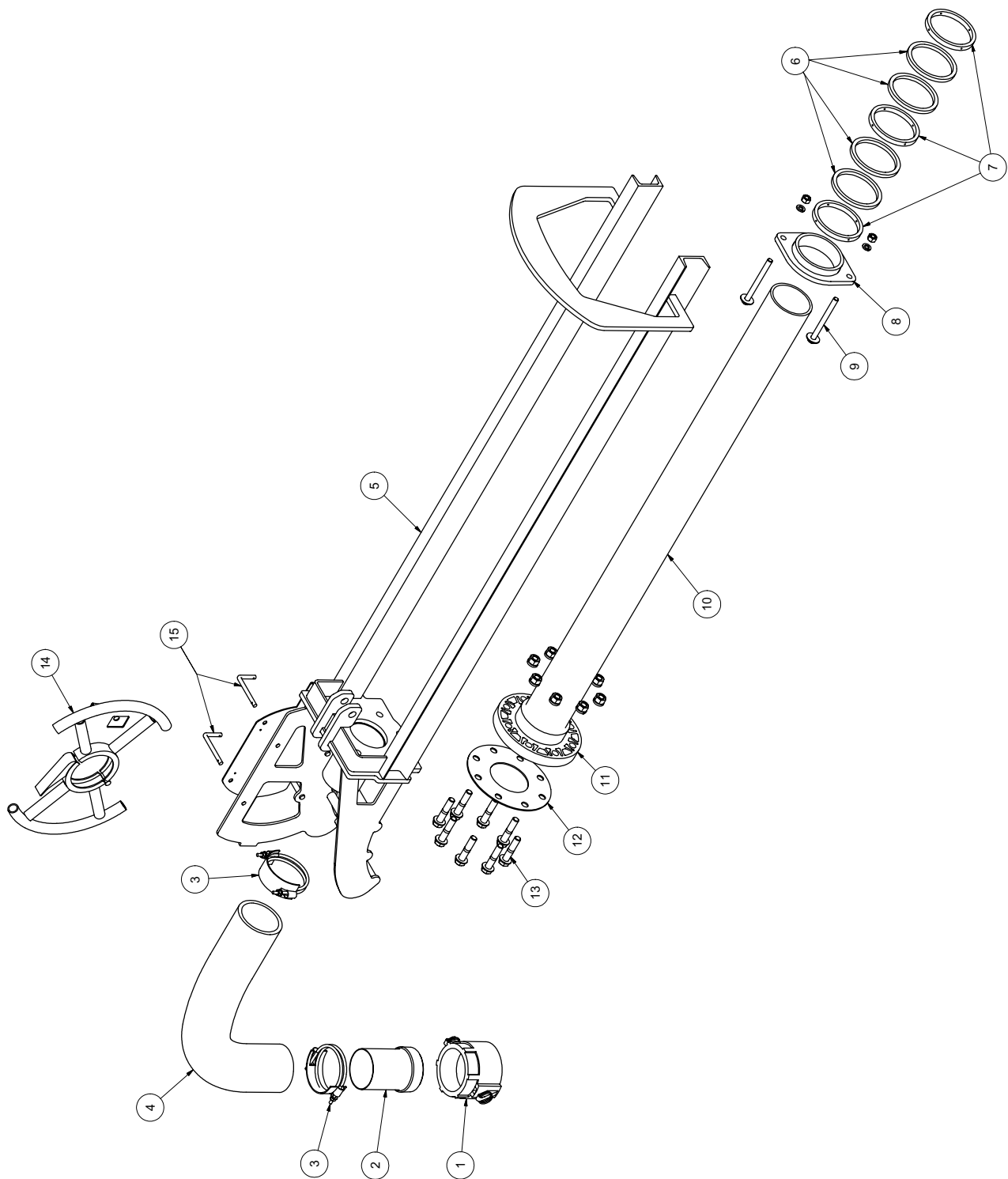
PIVOT ARM

BOOM

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8041950	PIVOTARM
2	6	U200170	WASHER FLAT 1.0"
3	2	8042101	BUSHING BRONZE 1.25"X1.00"X0.50" PLN
4	10	U340050	PIN LINCH 3/16 X 1-9/16
5	2	8042124	PIN
6	2	8041883	BUSHING BRONZE 1.25"X1.00"X0.63" FLG
7	2	8041986	GLIDE SHEET
8	16	U030015	SCREW SFH .250-20 X .750
9	8	W000050	ROLLER
11	8	U120151	NUT, NYLON LOCK .750-16
12	12	U000440	SCREW HC .375-16 X 1.25
13	2	U200600	WASHER FLAT 3/8"
14	1	8041956	CYLINDER RETAINER
15	2	U210060	WASHER LOCK 3/8"
16	2	U100060	NUT HEX .375-16
17	1	T500100	GREASE FITTING
18	2	U001040	SCREW HC .500-13X6.50
19	2	U200100	WASHER FLAT 1/2"
20	2	8030226	WHEEL
21	2	U200100	WASHER FLAT 1/2"
22	2	U200100	WASHER FLAT 1/2"
23	2	U120120	NUT LOCK .500-13
24	1	8044560	CRADLE, V500 (11 1/4")
	1	8043769	CRADLE, V800-V1200 (8 3/8")

EXTENSION ARM

BOOM



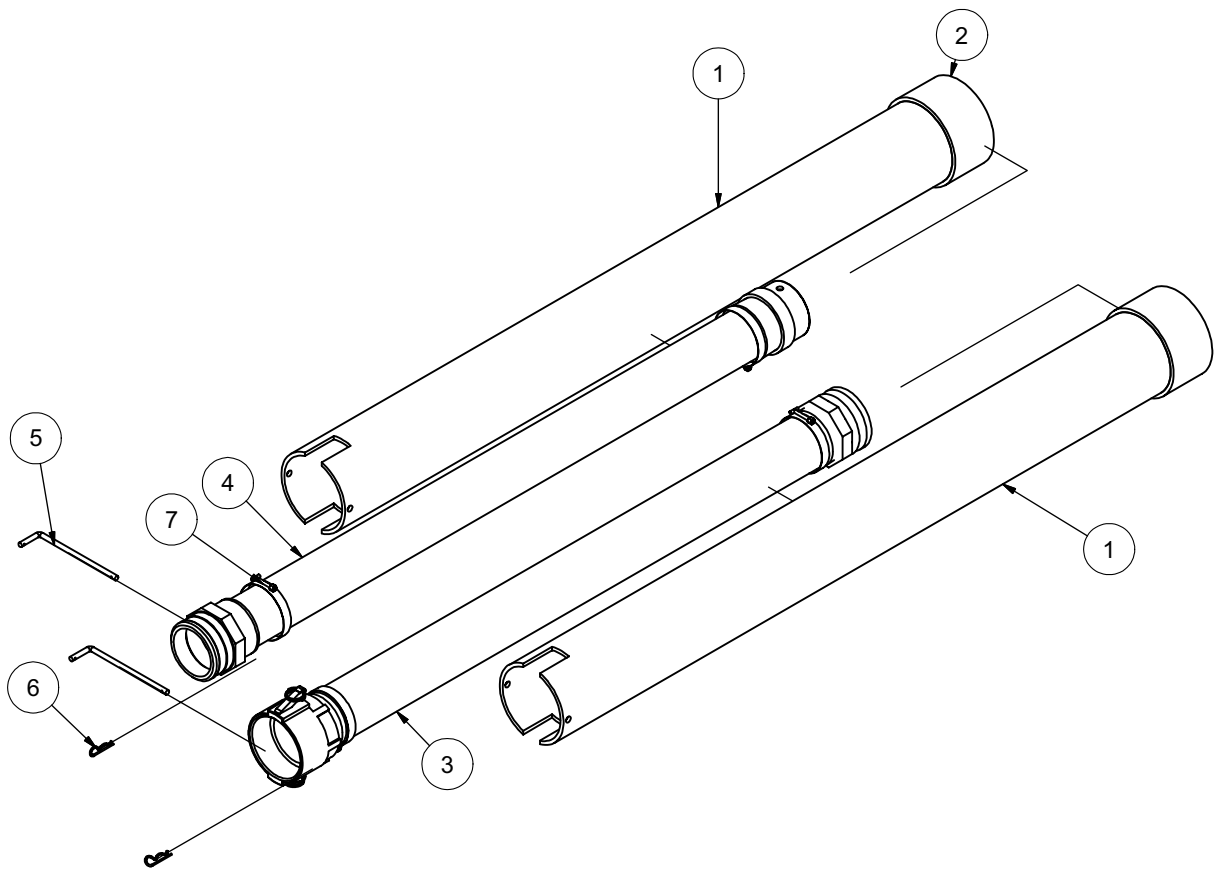
EXTENSION ARM

BOOM

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8030846	4" FEMALE COUPLER
2	1	8045239	UNION EXHAUST 4" OD-MNPT
3	2	8042606	CLAMP T-BOLT 450
4	1	8045800	HOSE VAC AG SUCTION 4-18
5	1	8041960	EXTENSIONARM
6	4	8041947	PACKING RING
7	3	8041945	PLASTIC SLEEVE
8	1	8041963	PACKING GLAND
9	2	U001020	SCREW HC 1/2-13 X 5.50
	2	U200100	WASHER FLAT 1/2"
	2	U210100	WASHER LOCK 1/2"
	2	U100120	NUT HEX 1/2-13
10	1	8042160	4" PVC TUBE X 60" LONG
11	1	8041937	4" PVC FLANGE
12	1	8041938	GASKET
13	8	U001250	SCREW HC 5/8-11 X 3.00
	8	U200140	WASHER FLAT 5/8"
	8	U210140	WASHER LOCK 5/8"
	8	U100180	NUT HEX 5/8-11
14	1	8043647	BOOM HANDLE
	2	8042971	RUBBER STRIP
15	2	8043947	CAPTURE PIN
	2	R700160	R CLIP
	2	8041485	LANYARD CABLE

HOSE STORAGE

BOOM



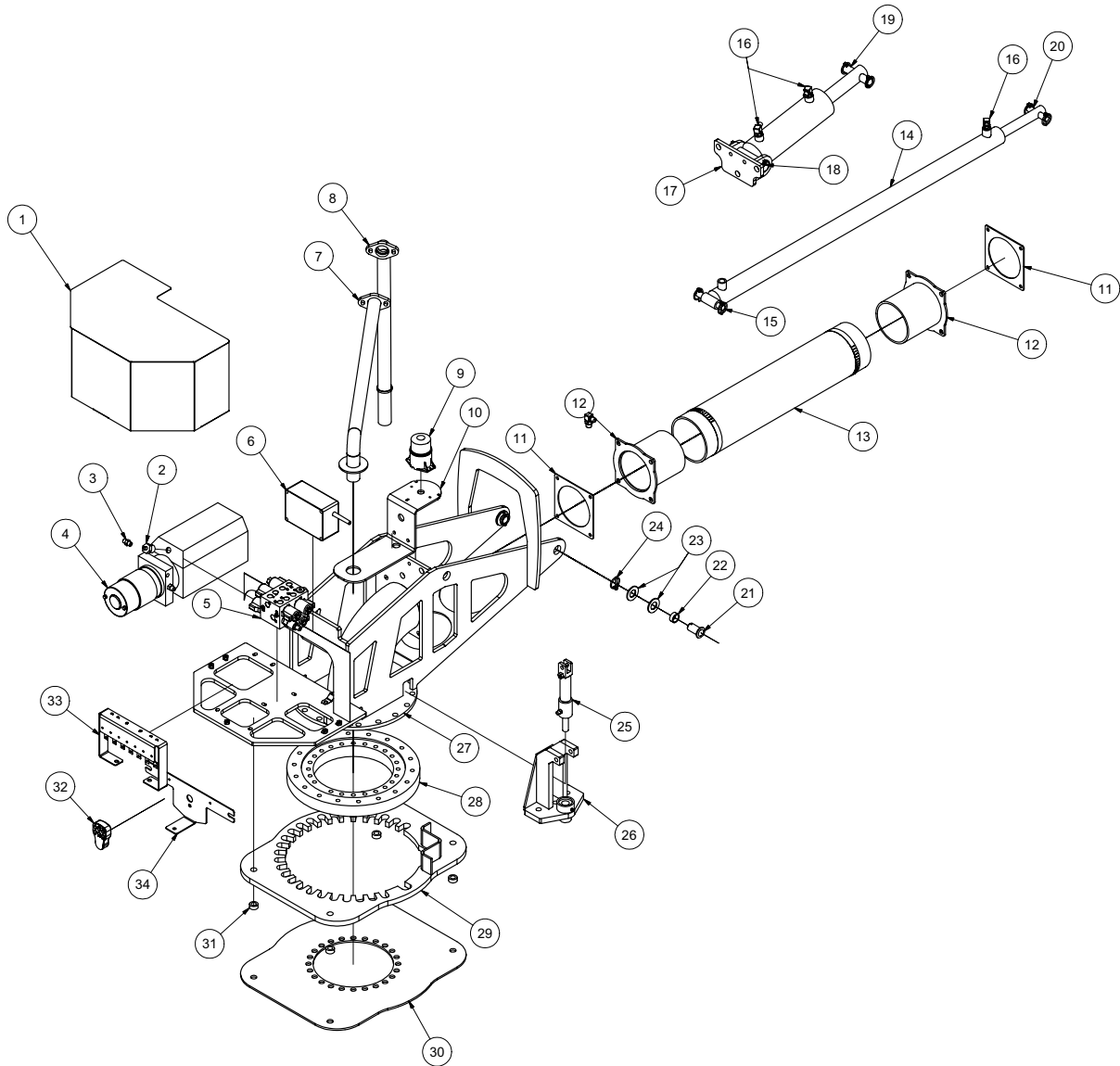
HOSE STORAGE

BOOM

ITEM	QTY	NUMBER	DESCRIPTION
1	2	8042222	BOOM EXTENSION HOSE STORAGE
	2	8043198	CLAMP T-BOLT 700
2	2	8030925	PIPE CAP 6" PVC
3	1	8042137	BOOM HOSE EXTENSION
	1	8041781	BOOM EXTENSION HOSE
	2	8045239	UNION EXHAUST 4"OD - MNPT
	1	8030846	4" FEMALE COUPLER
	1	8030844	4" MAL COUPLER
4	1	8032138	BOOM HOSE EXTENSION WITH 4" UNION PVC
	1	8045723	4" ALUMINUM TUBE 52 1/2"LG
	2	8045728	4" HALF NIPPLE
	1	8030844	COUPLING, 4" ALUM CAMLOCK MXF
	1	8045725	UNION PVC 4"FNPT 4"MSLIP w/HOLE
5	2	8041101	HOSE STORAGE RETAINING ROD
	2	8041485	LANYARD CABLE
6	2	R700160	R-CLIP
7	4	8042606	CLAMP T-BOLT 450

TURRET

BOOM MANUAL ROTATION



TURRET

BOOM MANUAL ROTATION

ITEM	QTY	PART #	DESCRIPTION
1	1	8043090	BOOM GUARD
2	1	T403018	REDUCER 12MP-4MJ
3	2	T400037	UNION 6MB-6MJ
4	1	8041601	PUMP HYD. 12V 6QT
5	1	8043578	MANIFOLD ASSY BOOM
6	1	8041914	BOOM - RC RECEIVER 6-RELAY
*		8042427	BOOM - RC RECEIVER 8-RELAY
7	1	8043245	BOOM CABLE TUBE WELDMENT
8	1	8045080	BOOM CABLE TUBE VERTICAL WELDMENT
9	1	8043139	STROBE LIGHT
10	1	8041932	BOOM - TURRET STROBE LIGHT PLATE
11	2	8041988	BOOM - FLANGE GASKET
12	2	8041958	BOOM - FLEX HOSE ADAPTER WELDMENT
13	1	8043678	HOSE AG SUCTION 6-30
	2	8042104	HOSE CLAMP 6IN T-BOLT
14	1	8030359	CYLINDER, HYD. 3" X 20" VAC'S
	1	8043782	HYD. HOSE EXTEND 6-77 ST-90
	1	8043783	HYD. HOSE RETRACT 6-114 ST-90
15	1	8042122	BOOM - EXT. CYLINDER BASE PIN
	2	U340050	PIN LINCH 3/16 X 1 9/16"
16	4	T401270	ELBOW, 90 1/2"MB - 3/8"MJ
17	1	8042887	AJUSTABLE CLEVIS - BOOM
18	1	8041977	BOOM - PIVOT CYLINDER BASE PIN
	2	U340050	PIN LINCH 3/16 X 1 9/16"
19	1	8041990	BOOM - PIVOT CYLINDER ROD PIN
	2	U340050	PIN LINCH 3/16 X 1 9/16"
20	1	8042350	BOOM - EXT. CYLINDER RD PIN
	2	U340050	PIN LINCH 3/16 X 1 9/16"
21	2	8042124	BOOM - TURRET PIVOT PIN
22	2	8042101	BUSHING BRONZE 1.25" X 1.00" X .50"LG
23	4	U200170	WASHER, FLAT 1"
24	2	U340050	PIN LINCH 3/16 X 1 9/16"
25	1	8043052	BRAKE CYLINDER
	1	T400801	PLUG, BREATHER 1/4"NPT
	1	T402020	UNION 4MJ-4MP
26	1	8045157	BOOM MANUAL BRAKE WELDMENT
	1	T500080	FITTING, GREASE 3/16"
27	1	8042240	BOOM - TURRET WELDMENT
	2	8041686	GROMMET 1"ID - 1 1/4"DOG - 1/4"WO
	6	U001281	SCREW, HC .625 - 11 X 3.50"
	6	U120020	NYLON LOCK NUT .625-11
	12	U200140	WASHER FLAT .625
28	1	8042234	SWIVEL BEARING
*	3	T500020	FITTING, GREASE .125 STRAIGHT (2 FITTINGS IN INNER RING, 1 IN OUTER RING)
29	1	8045195	BOOM MOUNT BRAKE RING
30	1	8043021	BOOM - LOWER STOP DISC
31	4	8030315	SKID - WATER TANK CLEVIS TUBE
32	1	8042426	RC TRANSMITTER (w/ GRAPHIC OVERLAYS)
*	1	X200006	BOOM WIRING HARNESS
*	1	8041911-1	RUBBER 6-BUTTON PAD
*	1	8043075	DECAL OVERLAY
*		8042428	RC TRANSMITTER 8 BUTTON (w/ GRAPHIC OVERLAYS)
33	1	8043639	BRACKET BOOM ELECTRONIC
	7	X000320	DEUTSCH DIODE RECEPTACLE
	1	8040185	RELAY
	2	8043690	TIME RELAY 2 SEC N/C
34	1	8044553	WORK LIGHT W/ DUETSCH CONNECTOR BUILT BRACKET

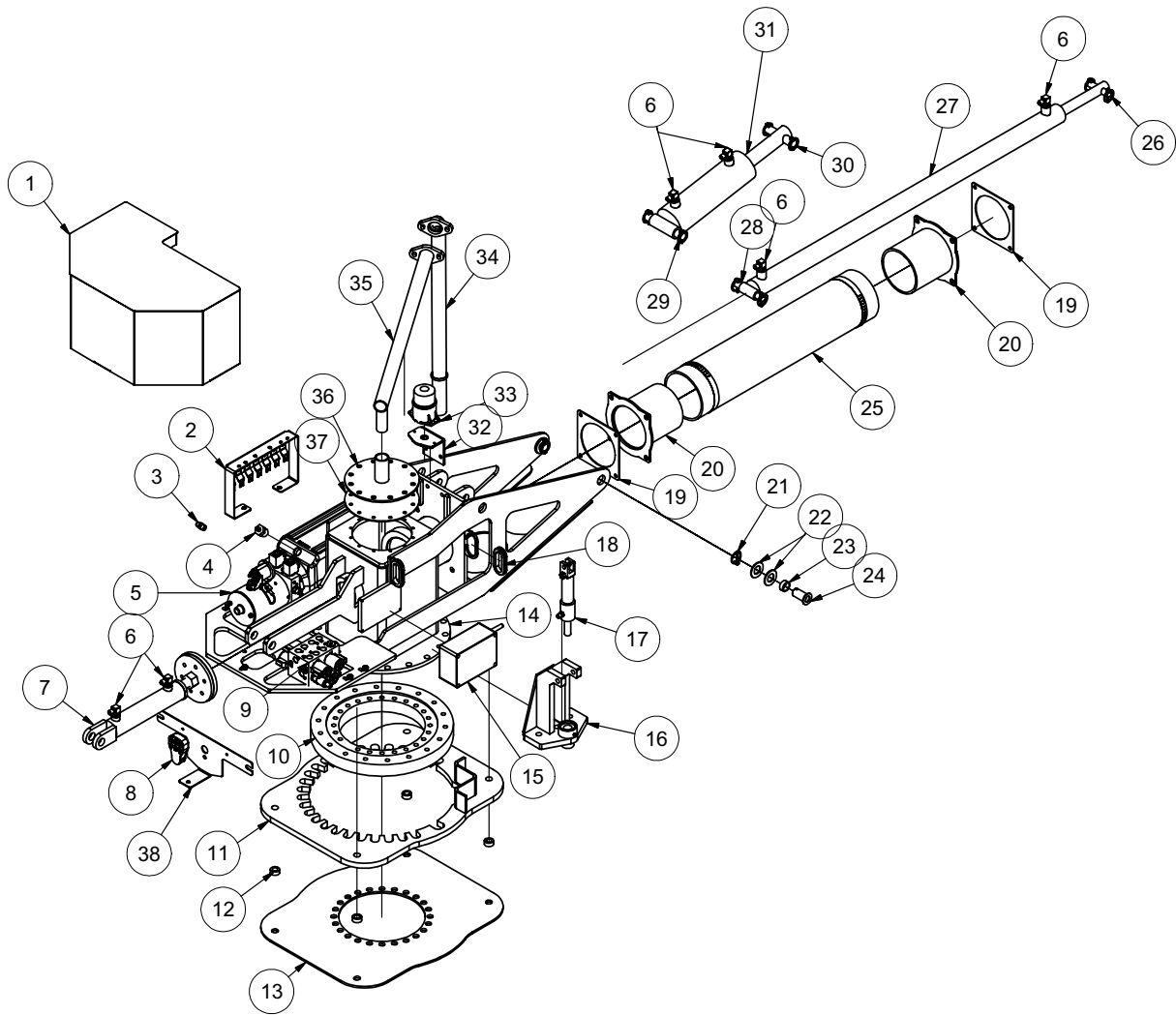
BOOM MANIFOLD CAVITY IDENTIFICATION

PORT	PART#	DESCRIPTION	USED ON
1.1	8043584	3-WAY VALVE	ALL
1.2	8043584	3-WAY VALVE	ALL
1.3	8043584	3-WAY VALVE	ALL
1.4	8043584	3-WAY VALVE	ALL
3.2	8043586	CHECK VALVE	MANUAL ROTATION
4.2	8042302	PRESSURE SWITCH 1000 PSI, N/C	MANUAL ROTATION
5	8043587	RELIEF VALVE ADJ	ALL
7	8043585	2-WAY VALVE N/O	MANUAL ROTATION

* NOT SHOWN

TURRET

BOOM MANUAL ROTATION REV. FLOW



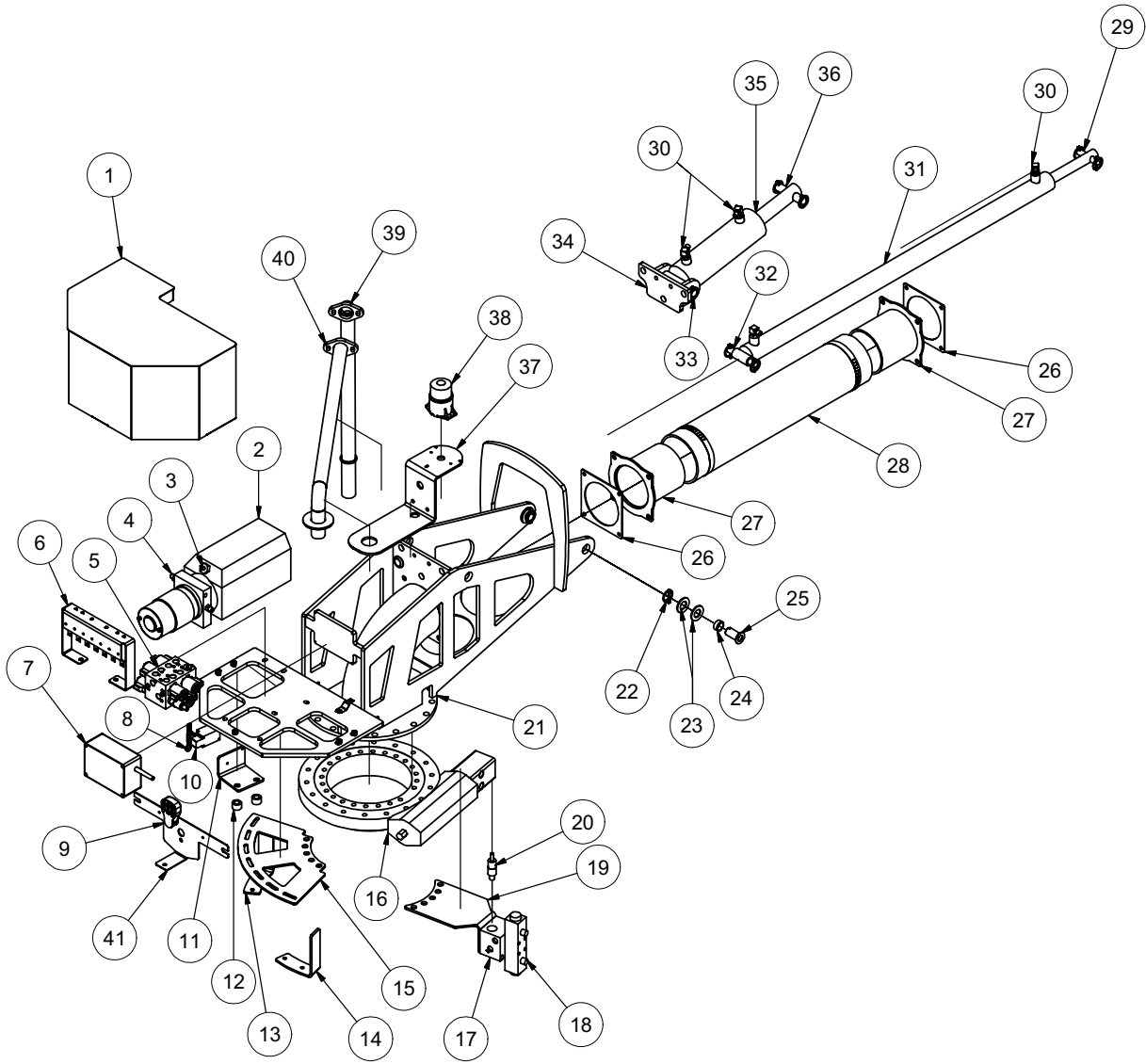
TURRET

BOOM MANUAL ROTATION REV. FLOW

ITEM	QTY	PART #	DESCRIPTION	ITEM	QTY	PART #	DESCRIPTION
1	1	8043090	BOOM GUARD	28	1	8042122	BOOM - EXT. CYL. BASE PIN
2	1	8043639	BRACKET BOOM ELECTRONIC	29	1	8041977	BOOM - PIVOT CYL. BASE PIN
	7	X000320	DEUTSH DIODE RECEPTACLE	30	1	8041990	BOOM - PIVOT CYL. ROD PIN
	1	8040185	RELAY	31	1	8042887	ADJUSTABLE CLEVIS - BOOM
	2	8043690	TIME RELAY	32	1	8045191	STROBE LIGHT PLATE
3	2	T400037	UNION 6MB-6MJ	33	1	8043139	STROBE LIGHT
4	1	T403018	REDUCER 12MP-4MJ	34	1	8045080	BOOM CABLE TUBE VERTICAL
5	1	8045355	PUMP, HYD. 12V VAC 6QT	35	1	8044504	BOOM CABLE EXT. HORZ.
6	6	T401270	ELBOW, 90 1/2"MB - 3/8"MJ	36	1	8044507	CLEANOUT COVER BOOM WELD'T
7	1	8041327	CYLINDER, HYD. DOOR & REV FLOW	12	U000420	SCREW, HC 3/8"-16 X 1"	
	2	W201020	WIPER, CYLINDER ROD, 1 1/8" ROD	12	U210060	WASHER, LOCK 3/8"	
	1	8044480	SEAL PLATE WELDMENT	12	U200600	WASHER, FLAT 3/8"	
	1	8044482	BOOM SHUTOFF SEAL	37	1	8044475	BOOM TURRET SHUTOFF - CLEANOUT COVER GASKET
	1	8044483	BOOM SHUTOFF SEAL PLATE SHIELD	38	1	8044553	WORK LIGHT W/ DUETSCH CONNECTOR BUILT BRACKET
	1	U001570	SCREW, HC 1"-8 X 5.00				
	1	U120060	NUT, LOCK NY 1 - 8				
8	1	8042426	RC TRANSMITTER (w/ GRAPHIC OVERLAYS)				
*	1	8045653	BOOM REMOTE METAL CLIP				
*	1	X200006	BOOM WIRING HARNESS				
*	1	8041911-1	RUBBER 6-BUTTON PAD	*	1	X300200	CABLE BATTERY GND 1GA 600"
*	1	8043075	DECAL OVERLAY	*	1	X300201	CABLE BATTERY HOT 1GA 600"
*		8042428	RC TRANSMITTER 8 BUTTON				
9	1	8043580	MANIFOLD ASSY BOOM				
10	1	8042234	SWIVEL BEARING	*		NOT SHOWN	
*	3	T500020	FITTING, GREASE. 125 STRAIGHT (2 FITTINGS IN INNER RING, 1 IN OUTER RING)				
11	1	8045195	BOOM MOUNT BRAKE RING				
12	4	8030315	SKID - WATER TANK CLEVIS TUBE				
13	1	8043021	BOOM - LOWER STOP DISC				
14	1	8045139	BOOM TURRET SHUTOFF WELDMENT				
	6	U001281	SCREW, HC .625-11 X 3.50"	PORT	PART#	DESCRIPTION	USED ON
	6	U120020	NYLON LOCK NUT .625-11	1.1	8043584	3-WAY VALVE	ALL
	12	U200140	WASHER, FLAT .625	1.2	8043584	3-WAY VALVE	ALL
15	1	8041915	BOOM - RC RECEIVER 8-RELAY	1.3	8043584	3-WAY VALVE	ALL
		8041916	ANTENNA, BOOM 3" STRAIGHT	1.4	8043584	3-WAY VALVE	ALL
16	1	8045157	BOOM MANUAL BRAKE WELD'T	1.5	8043584	3-WAT VALVE	REVERSE FLOW
	1	T500080	FITTING, GREASE 3/16"	1.6	8043584	3-WAY VALVE	REVERSE FLOW
17	1	8043052	BRAKE CYLINDER	3.2	8043586	CHECK VALVE	MANUAL ROTATION
	1	T400801	PLUG, BREATHER 1/4"NPT	4.2	8042302	PRESSURE SWITCH 1000 PSI, N/C	MANUAL ROTATION
	1	T402020	UNION 4MJ-4MP				
18	2	8042812	GROMMET 2"ID3"OD 1/4"WOG	5	8043587	RELIEF VALVE ADJ	ALL
19	2	8041988	BOOM FLANGE GASKET	7	8043585	2-WAY VALVE N/O	MANUAL ROTATION
20	2	8041958	BOOM - FLEX HOSE ADAPTER WELD'T				
21	10	U340050	PIN LINC 3/16" X 1 9/16"				
22	4	U200170	WASHER, FLAT 1"				
23	2	8042101	BUSHING BRONZE 1.25" X 1.00" X .50"LG				
24	2	8042124	BOOM - TURRET PIVOT PIN				
25	1	8043678	HOSE AG SUCTION 6-30				
	2	8042104	HOSE CLAMP 6IN T-BOLT				
26	1	8042350	BOOM - EXT. CYLINDER ROD PIN				
27	1	8030359	CYLINDER, HYD 3" X 20" VAC'S				
	1	8043782	HYD. HOSE EXTEND 6-77 ST-90				

TURRET

BOOM HYDRAULIC ROTATION



TURRET

BOOM HYDRAULIC ROTATION

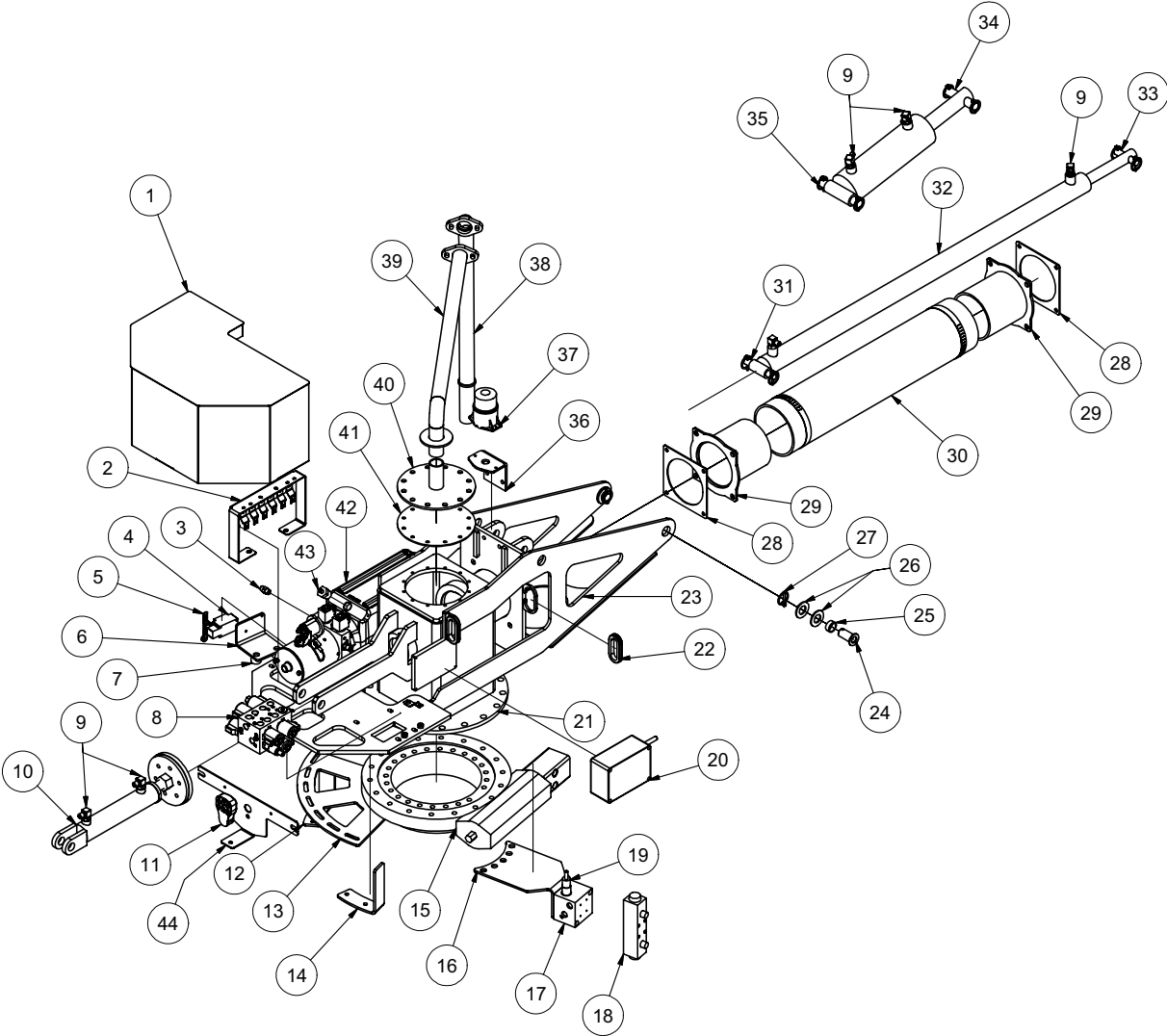
ITEM	QTY	PART #	DESCRIPTION
1	1	8043090	BOOM GUARD
2	1	8041601	PUMP HYD. 12V 6QT
3	1	T403018	REDUCER 12MP-4MJ
4	2	T400037	UNION 6MB-6MJ
5	1	8043674	BOOM MANIFOLD
	4	8043584	3-WAY VALVE
6	1	8043639	BRACKET BOOM ELECTRONICS
7	1	8041914	BOOM - RC RECEIVER 6-RELAY
*		8042427	BOOM - RC RECEIVER 8-RELAY
8	1	8042432	LIMIT SWITCH ADJ LOWER
9	1	8042426	RC TRANSMITTER (w/GRAPHIC)
*	1	X200006	BOOM WIRING HARNESS
*	1	8041911-1	RUBBER 6-BUTTON PAD
*	1	8041922	DECAL OVERLAY
*		8042428	RC TRANSMITTER 8-BUTTON (w/GRAPHIC)
10	1	8042431	LIMIT SWITCH (LEVER NOT INCLUDED)
11	1	8042360	BOOM - LIMIT SWITCH BRACKET
12	2	8042376	BOOM - LIMIT SWITCH BRACKET SPACER
13	1	8042357	BOOM - ROTATION STOP BRACKET
14	1	8042359	BOOM - ROTATION STOP BRACKET (OPP)
15	1	8042351	BOOM - ROTATION STOP BASE PLATE
16	1	8042231	SLEW DRIVE - ASSEMBLY
*	3	T500020	FITTING, GREASE. 125 STRAIGHT (2 FITTINGS IN INNER, 1 IN OUTER RING)
17	1	8041974	VALVE MANIFOLD BOOM HYD. ROT.
18	1	8041971	VALVE DIRECTIONAL BOOM HYD. ROT.
19	1	8042344	TANK - BOOM HYD. MANIFOLD MTG PLATE
20	1	8041973	VALVE RELIEF BOOM HYD ROT.
21	1	8042240	BOOM - TURRET WELDMENT
22	2	U340050	PIN LINCH 3/16" X 1 9/16"
23	4	U200170	WASHER, FLAT 1"
24	2	8042101	BUSHING BRONZE 1.25" X 1.00" X .50" LG
25	2	8042124	BOOM - TURRET PIVOT PIN
26	2	8041988	BOOM - FLANGE GASKET
27	2	8041958	BOOM - FLEX HOSE ADAPTER WELDMENT
28	1	8043678	HOSE AG SUCTION 6-30
	2	8042104	HOSE CLAMP 6IN T-BOLT
29	1	8042350	BOOM - EXT. CYLINDER PIN
	2	U340050	PIN LINCH 3/16" X 1 9/16"
30	4	T401270	ELBOW, 90 1/2" MB - 3/8" MJ
31	1	8030359	CYLINDER, HYD 3" X 20' VAC'S
	1	8043782	HYD. HOSE EXTEND 6-77 ST-90
	1	8043783	HYD. HOSE RETRACT 6-114 ST-90
32	1	8042122	BOOM - EXT. CYLINDER BASE PIN
	2	U340050	PIN LINCH 3/16" X 1 9/16"
33	1	8041977	BOOM - PIVOT CYLINDER BASE PIN
	2	U340050	PIN LINCH 3/16" X 1 9/16"
34	1	8042887	ADJUSTABLE CLEVIS - BOOM
35	1	8030359	BOOM - CYLINDER SHORT BASE END
36	1	8041990	BOOM - PIVOT CYLINDER ROD PIN
37	1	8041932	BOOM - TURRET STROBE LIGHT PLATE
38	1	8043139	STROBE LIGHT
39	1	8045080	BOOM CABLE TUBE VERTICAL WELDMENT
40	1	8043245	BOOM CABLE TUBE WELDMENT
41	1	8044553	WORK LIGHT W/ DUETSCH CONNECTOR BUILT BRACKET

BOOM MANIFOLD CAVITY IDENTIFICATION

PORT	PART#	DESCRIPTION	USED ON
1.1	8043584	3-WAY VALVE	ALL
1.2	8043584	3-WAY VALVE	ALL
1.3	8043584	3-WAY VALVE	ALL
1.4	8043584	3-WAY VALVE	ALL
5	8043587	RELIEF VALVE ADJ	ALL

TURRET

BOOM HYDRAULIC ROTATION REV. FLOW



TURRET

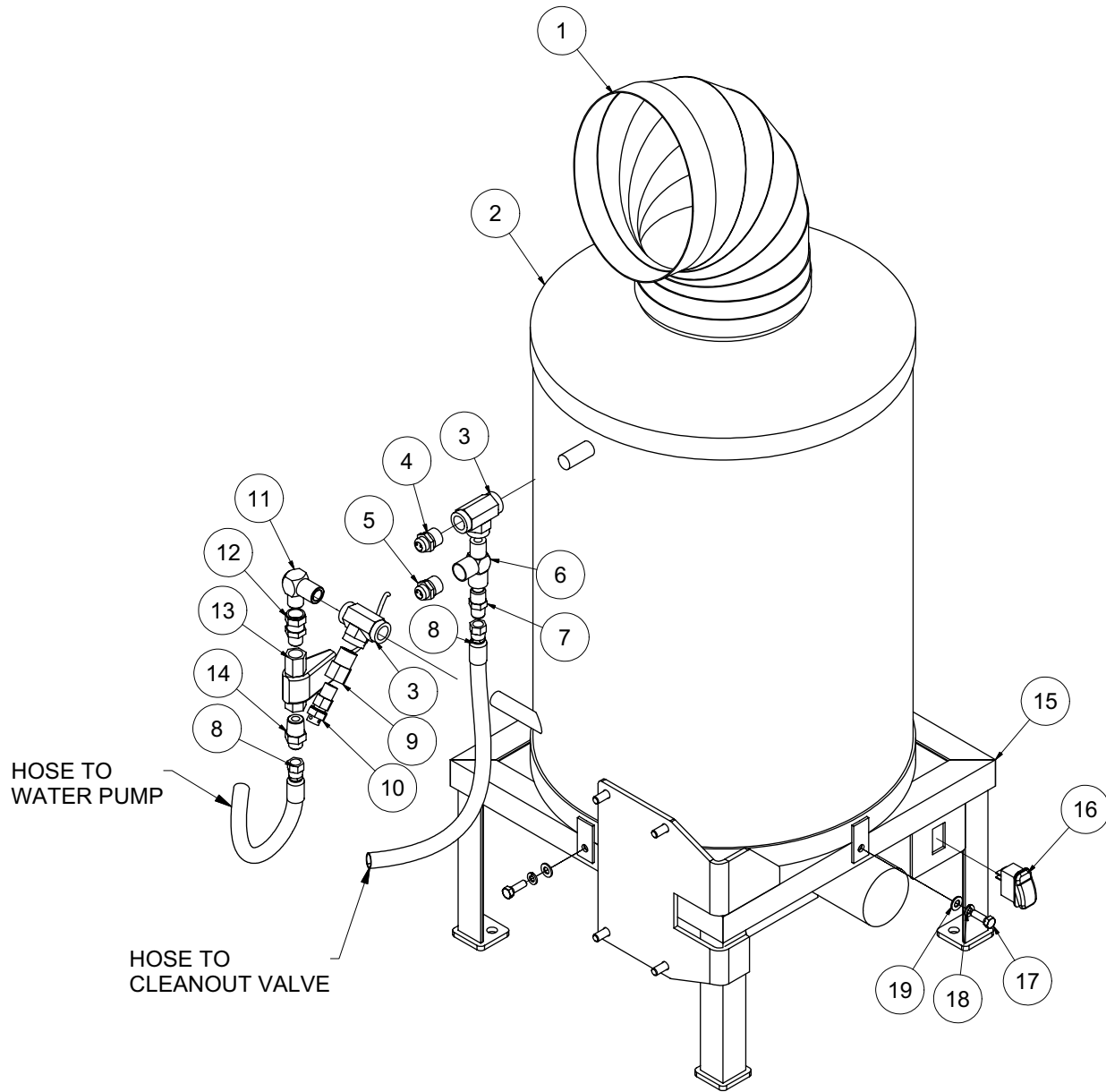
BOOM HYDRAULIC ROTATION REV. FLOW

ITEM	QTY	PART #	DESCRIPTION	ITEM	QTY	PART #	DESCRIPTION
1	1	8043090	BOOM GUARD	33	1	8042350	BOOM EXT CYLINDER ROD PIN
2	1	8043639	BRACKET BOOM ELECTRONICS	2	2	U340050	PIN LINCH 3/16" X 1 9/16"
	7	X000320	DEUTSH DIODE RECEPTACLE	34	1	8041990	BOOM PIVOT CYLINDER ROD PIN
	1	8040185	RELAY	2	2	U340050	PIN LINCH 3/16" X 1 9/16"
	2	8043690	TIME RELAY	35	1	8041977	BOOM PIVOT CYLINDER BASE PIN
3	2	T400037	UNION 6MB-6MJ	2	2	U340050	PIN LICH 3/16" X 1 9/16"
4	1	8042431	SWITCH LIMIT BOOM	36	1	8045191	STROBE LIGHT PLATE
5	1	8042432	SWITCH LIMIT BOOMADJ LEVER	37	1	8043139	STROBE LIGHT
6	1	8042360	BOOM - LIMIT SWITCH BRACKET	38	1	8045080	BOOM CABLE TUBE VERTICAL WELDMENT
7	2	8042376	BOOM - LIMIT SWITCH BRACKET SPACER	39	1	8044504	BOOM CABLE TUBE WELDMENT
8	1	8043580	MANIFOLD ASSY BOOM	40	1	8044507	CLEANOUT COVER BOOM WELDMENT
9	6	T401270	ELBOW, 90 1/2"MB - 3/8"MJ	12	12	U000420	SCREW, HC 3/8"-16 X 1"
10	1	8041327	CYLINDER, HYD DOOR & REV FLOW	12	12	U210060	WASHER, LOCK 3/8"
	2	W201020	WIPER CYLINDER ROD, 1 1/8" ROD	12	12	U200600	WASHER, FLAT 3/8"
	1	8044480	SEAL PLATE WELDMENT	41	1	8044475	BOOM TURRET SHUTOFF CLEANOUT GASKET COVER
	1	8044482	BOOM SHUTOFF SEAL	42	1	8045355	PUMP, HYD. 12V VAC 6QT
	1	8044483	BOOM SHUTOFF SEAL PLATE SHEILD	43	1	T403018	REDUCER 12MP-4MJ
	1	U001570	SCREW, HC 1"-8 X 5.00"	44	1	8044553	WORK LIGHT W/ DUETSCH CONNECTOR BUILT BRACKET
	1	U120060	NUT, LOCK NY 1-8				
11	1	8042426	RC TRANSMITTER (w/GRAPHIC)				
*	1	8045653	BOOM REMOTE MEDAL CLIP				
*	1	X200006	BOOM WIRING HARNESS				
*		8042428	RC TRANSMITTER 8-BUTTON (w/GRAPHIC)				
*	1	8041912-1	RUBBER 8-BUTTON PAD				
*	1	8041923	DECAL OVERLAY	*		NOT SHOWN	
12	1	8042357	BOOM - ROTATION STOP BRACKET				
13	1	8042351	BOOM - ROTATION STOP BASE PLATE				
14	1	8042359	BOOM - ROTATION STOP BRACKET (OPP)				
15	1	8042231	SLEW DRIVE - ASSEMBLY				
*	3	T500020	FITTING, GREASE .125 STRAIGHT (2 FITTINGS IN INNER RING, 1 IN OUTER RING)				
16	1	8042344	TANK - BOOM HYD. MANIFOLD MTG PLATE				
17	1	8041974	VALVE MANIFOLD BOOM HYD. ROT.				
18	1	8041971	VALVE DIRECTIONAL BOOM HYD. ROT.				
19	1	8041973	VALVE RELIEF BOOM HYD. ROT.				
20	1	8041914	BOOM - RC RECEIVER 6-RELAY				
*		8042427	BOOM - RC RECEIVER 8-RELAY				
21	1	8045176	BOOM - TURRET SUB-WELD'T REAR				
	6	U001281	SCREW, HC .625-11 X 3.50"				
	6	U120020	NYLON LOCK NUT .625-11				
	12	U200140	WASHER, FLAT .625				
22	2	8042812	GROMMET 2"ID 3"OD 1/4"WOG				
23	1	8045175	BOOM TURRET SUB-WELDMENT				
24	2	8042124	BOOM - TURRET PIVOT PIN				
25	2	8042101	BUSHING BRONZE 1.25" X 1.00" X .50"LG				
26	4	U200170	WASHER, FLAT 1"				
27	2	U340050	PIN LINCH 3/8" X 1 9/16"				
28	2	8041988	BOOM - FLANGE GASKET				
29	2	8041958	BOOM - FLEX HOSE ADAPTER WELDMENT				
30	1	8043678	HOSE AG SUCTION 6-30"				
	2	8042104	HOSE CLAMP 6IN T-BOLT				
31	1	8042122	BOOM - EXT. CYLINDER BASE PIN				
	2	U340050	PIN LINCH 3/8" X 1 9/16"				
32	1	8030359	CYLINDER, HYD. 3" X 20" VAC'S				
	1	8043782	HYD. HOSE EXTEND 6-77 ST-90				
	1	8043783	HYD. HOSE RETRACT 6-114 ST-90				

BOOM MANIFOLD CAVITY IDENTIFICATION

PORT	PART#	DESCRIPTION	USED ON
1.1	8043584	3-WAY VALVE	ALL
1.2	8043584	3-WAY VALVE	ALL
1.3	8043584	3-WAY VALVE	ALL
1.4	8043584	3-WAY VALVE	ALL
1.5	8043584	3-WAY VALVE	REVERSE FLOW
1.6	8043584	3-WAY VALVE	REVERSE FLOW
5	8043587	RELIEF VALVE ADJ	ALL

Hot Box Assembly



Hot Box Assembly

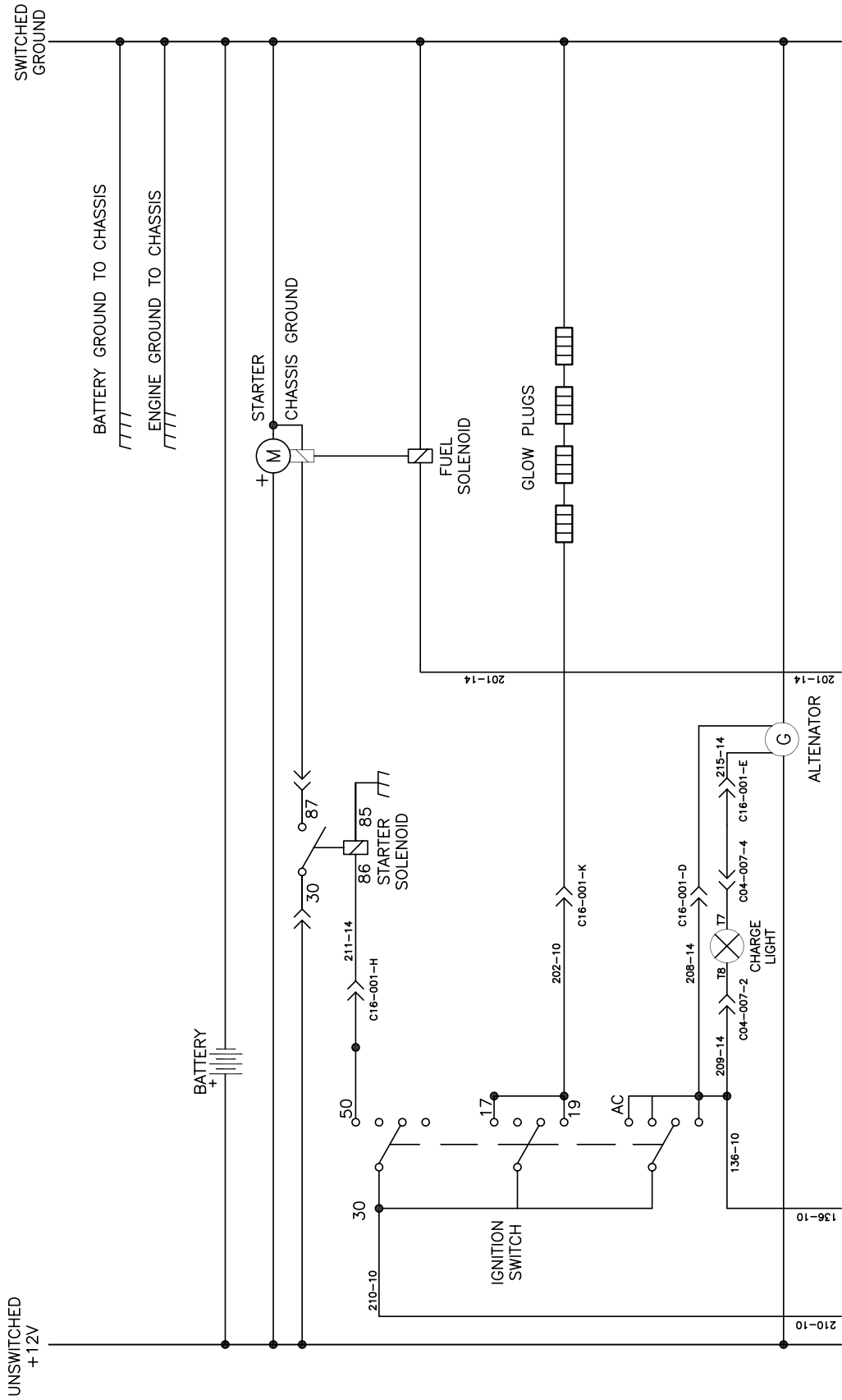
ITEM	QTY	NUMBER	DESCRIPTION
1	1	8046535	8" ELBOW EXHAUST (AQUA-BLAST)
2	1	8046448	HOT BOX, VERTICAL
3	2	T402130	TEE, 1/2"FP - 1/2FP - 1/2FP
4	1	8046536	120 TEMP. SWITCH NORM CLOS RD
5	1	8046537	165 TEMP. SWITCH NORM CLOSED
6	1	T402156	TEE, 1/2MP - 1/2FP - 1/2FP
7	1	T400029	REDUCER, 1/2"MP - 3/8" MJ
8	2	T320040	FITTING, HOSE 6HO - 6FJ
9	1	T400024	REDUCER, 1/2MP - 3/8FP
10	1	8046448-1	TEMPERATURE RELIEF
11	1	T401140	ELBOW 8MP - 8MJ
12	1	T401125	REDUCER 3/8MP - 1/2FJ
13	1	8031267	FLOW SWITCH
14	1	T400028	UNION 3/8MP - 3/8MJ
15	1	8046515	HOT BOX WELDMENT
16	1	X000271	SWITCH HIGH / LOW
17	3	U200020	SCREW, HC 5/16-18 X 1.00
18	3	U210040	WASHER, LOCK 5/16
19	3	U200040	WASHER, FLAT 5/16

* ITEM NOT SHOWN

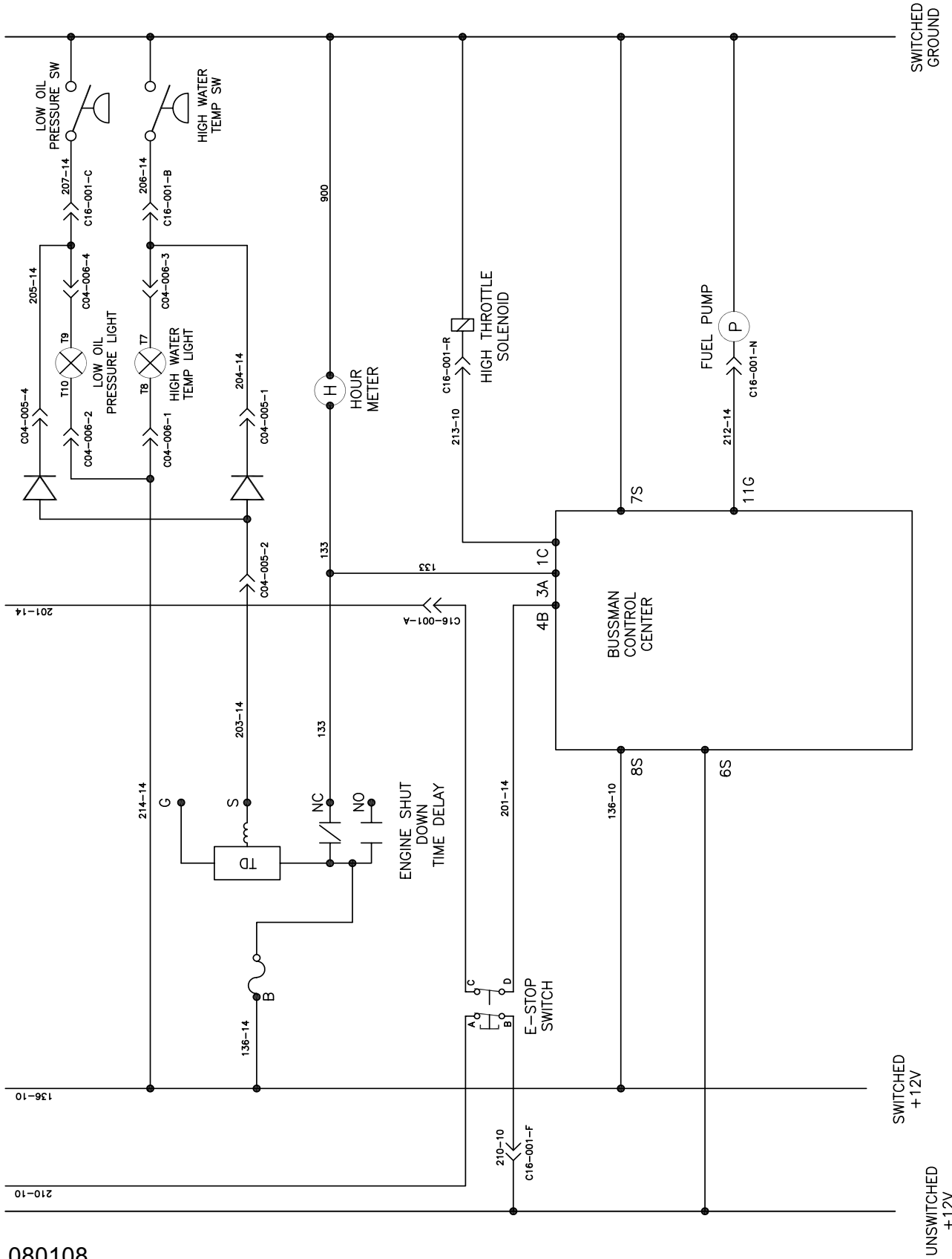
Vacuum Diesel Engine Schematic

VACUUM DIESEL ENGINE SCHEMATIC

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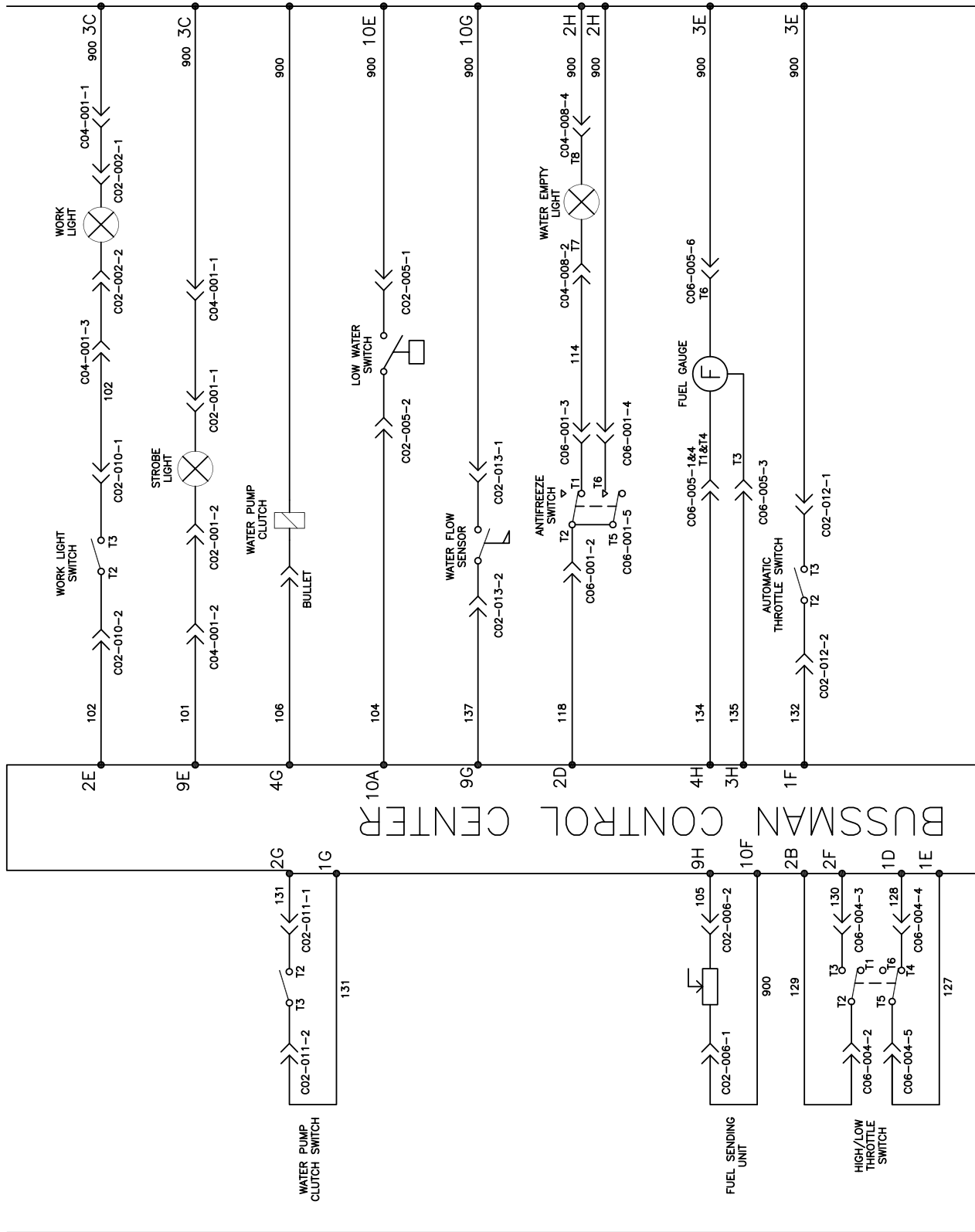


Vacuum Diesel Engine Schematic

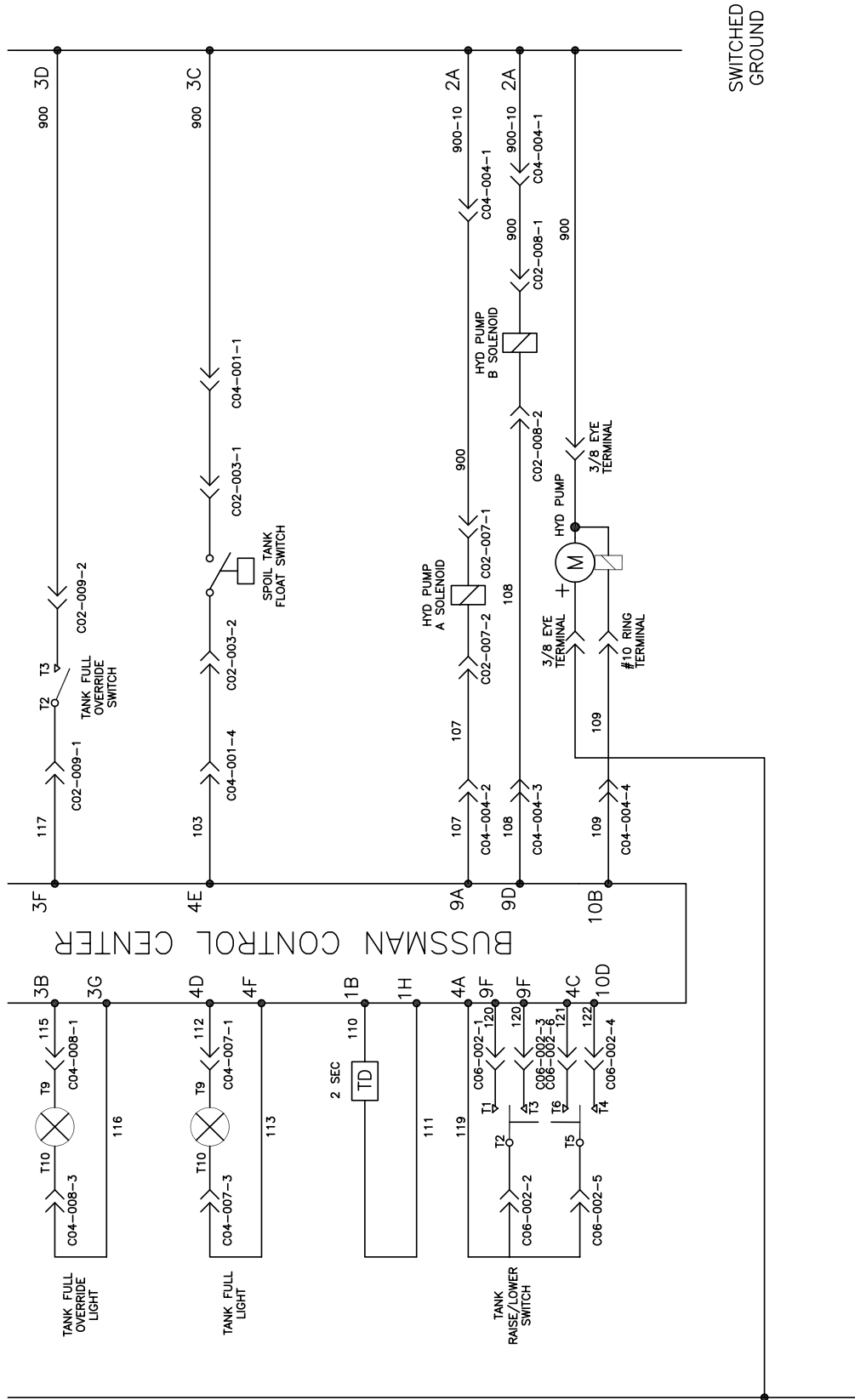


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Vacuum Diesel Engine Schematic

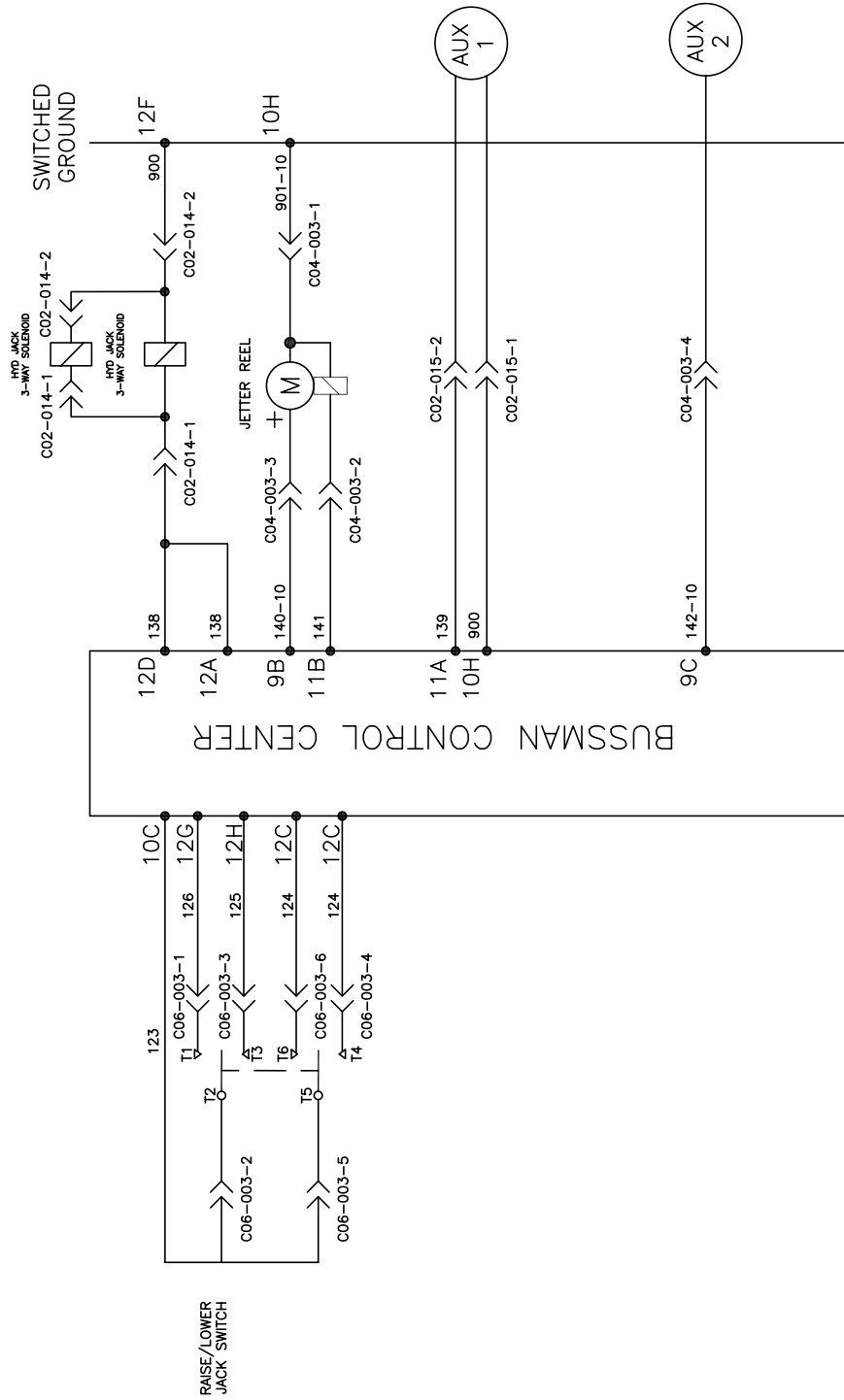


Vacuum Diesel Engine Schematic



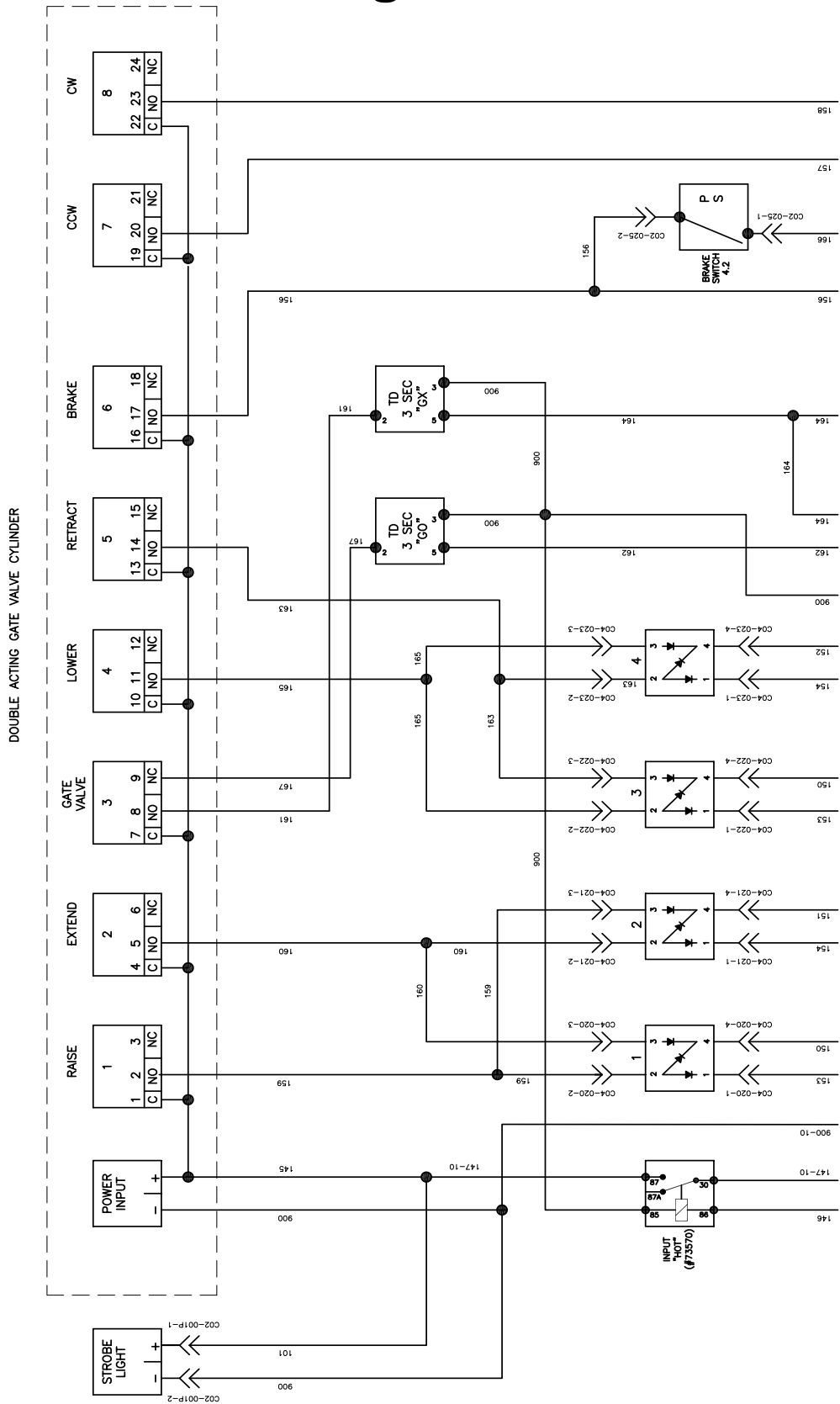
Vacuum Diesel Engine Schematic

BUSSMAN CONTROL CENTER OPTIONS

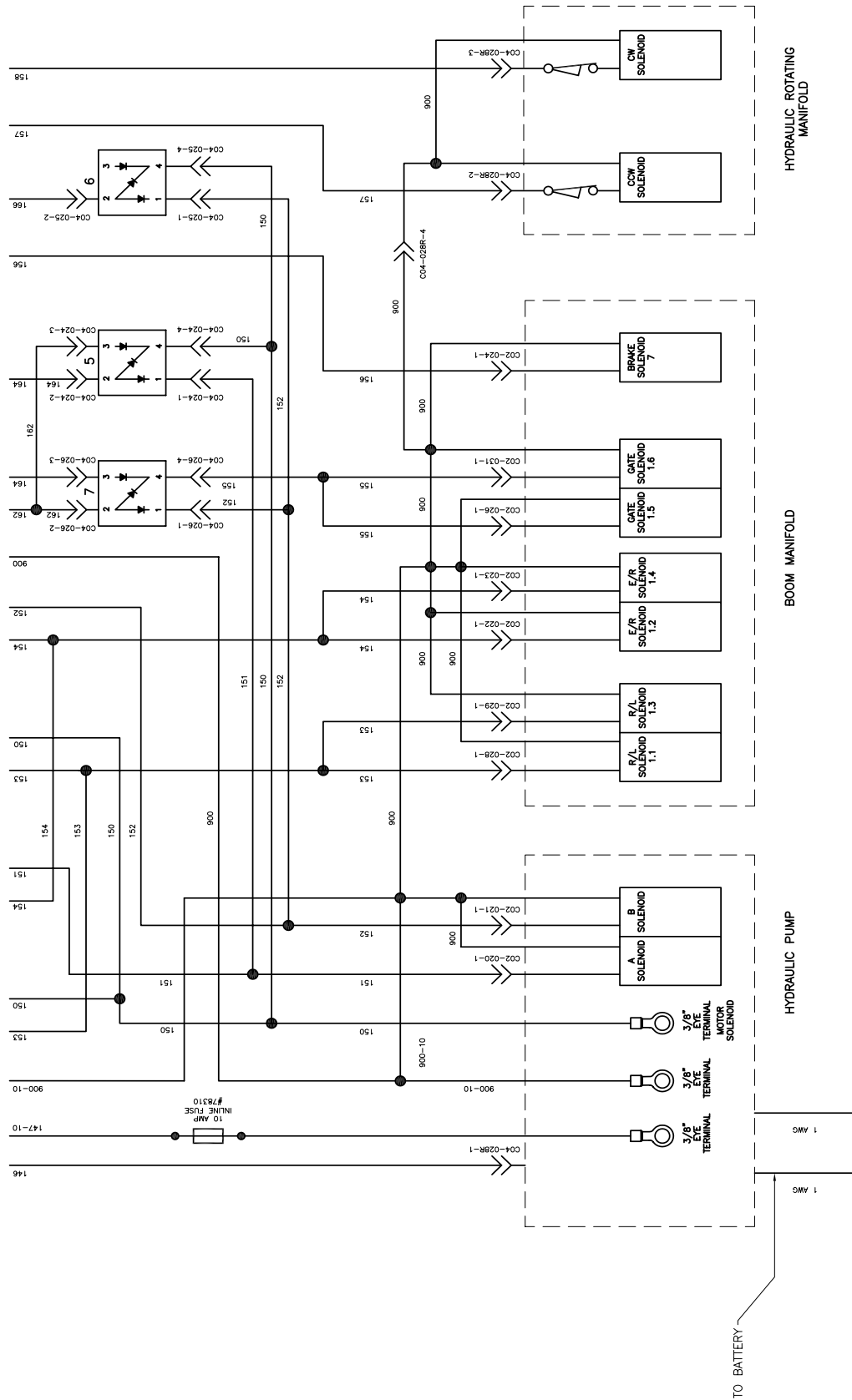


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Boom Wiring Schematic



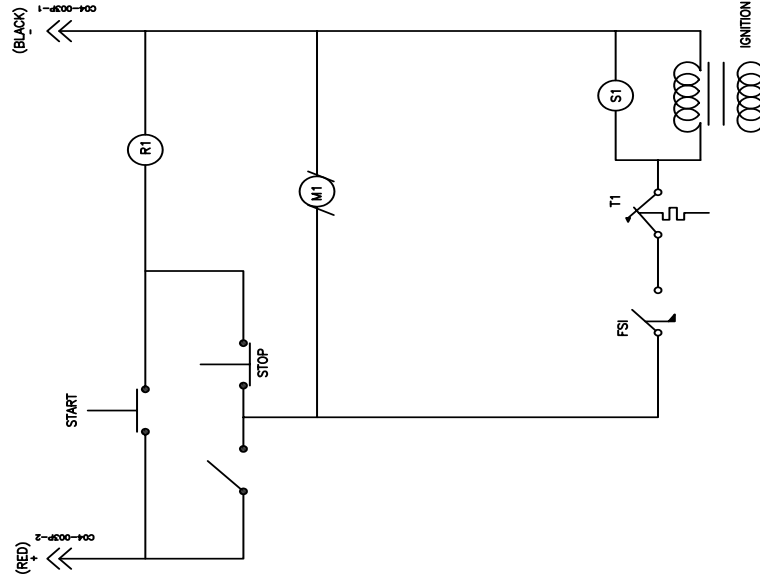
Boom Wiring Schematic



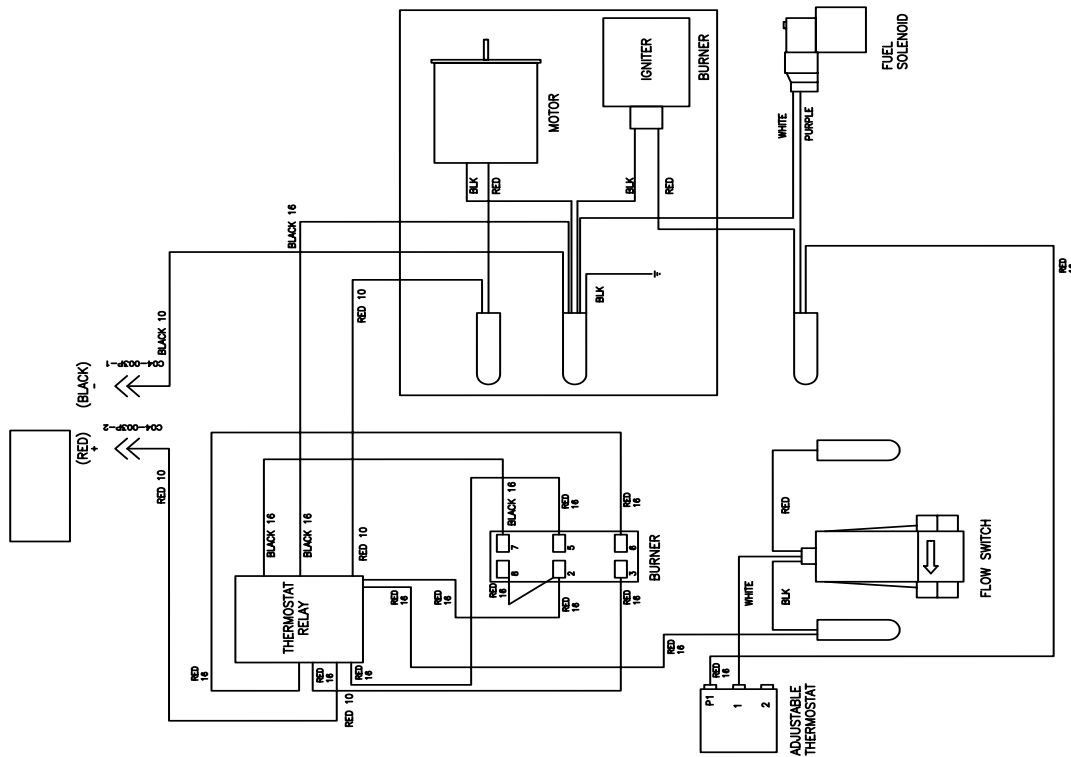
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Hot Box Assembly

WIRING SCHEMATIC



R1—RELAY #1
M1—BLOWER MOTOR
FS—1—FLOW SWITCH
T1—TEMP SWITCH
S1—FUEL SOLENOID
RT1—REMOTE THERMOSTAT CONTROL

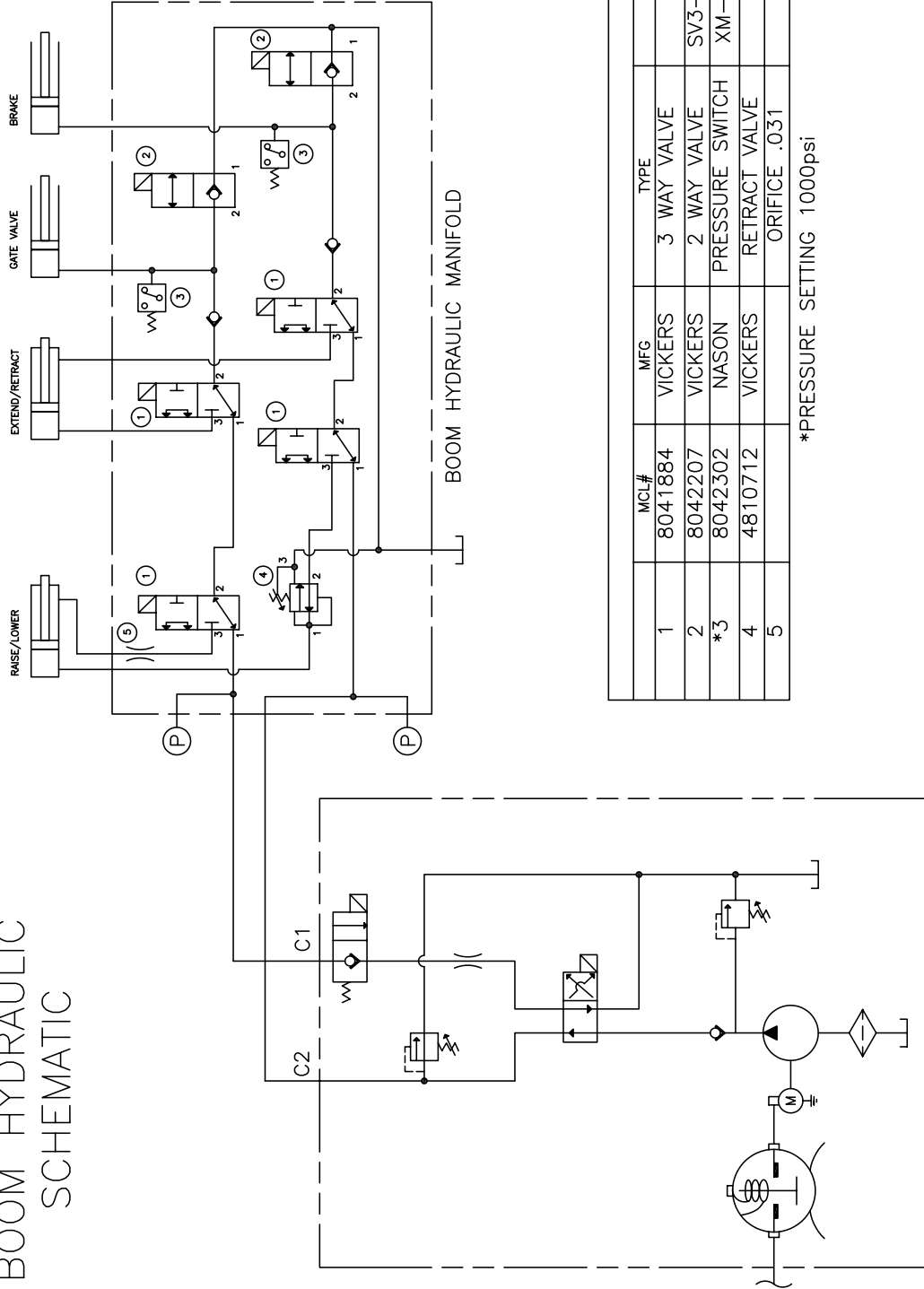


HOT BOX WIRING SCHEMATIC

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Boom Hydraulic Schematic

BOOM HYDRAULIC SCHEMATIC



MCL#	MFG	TYPE	MODEL
1	VICKERS	3 WAY VALVE	SV1-10
2	VICKERS	2 WAY VALVE	SV3-10-C-6T12DG
*3	NASON	PRESSURE SWITCH	XM-4B-2000R/HR
4	VICKERS	RETRACT VALVE	PRV2-10
5		ORIFICE .031	

*PRESSURE SETTING 1000psi

12V DC HYDRAULIC PUMP

WARRANTY RETURN GOODS POLICY

LIMITED WARRANTY

The Manufacturer warrants its products to be free from defects in material and workmanship for a period of twelve months from the date of shipment from the factory. The Manufacturer shall not be responsible for any damage resulting to or caused by its products by reason of installation, improper storage, unauthorized service, alteration of the products, neglect or abuse, or use of the product in a manner inconsistent with its design. The warranty does not extend to any component parts not manufactured by Manufacturer; however, Manufacturer's warranty herein shall not limit any warranties made by manufacturers of component parts which extend to Buyer.

Claims for defects in material and workmanship shall be made in writing to Manufacturer within ten days of discovery of defect. Manufacturer may either send a service representative or have the product returned to its factory at Buyer's expense for inspection. Upon notification of defect, Manufacturer will issue a return goods authorization number to Buyer. The return goods authorization number must accompany the product returned. If judged by the Manufacturer to be defective in material or workmanship, the product will be replaced or repaired at the option of the Manufacturer, free from all charges except authorized transportation. Buyer shall be responsible for all maintenance services consisting of lubrication and cleaning of equipment, replacing expandable parts, making minor adjustments, and performing operating checks, all in accordance with procedures outlined in Manufacturer's maintenance literature.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AND NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESS OR IMPLIED, (INCLUDING BUT NOT LIMITED TO A WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), ARE MADE BY THE MANUFACTURER IN CONNECTION WITH THE MANUFACTURE OR SALE OF ITS PRODUCTS. NO EMPLOYEE, DISTRIBUTOR, OR REPRESENTATIVE IS AUTHORIZED TO CHANGE THIS WARRANTY ON BEHALF OF MANUFACTURER. THE REMEDIES OF BUYER SET FORTH HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER REMEDIES. THE LIABILITY OF MANUFACTURER WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY, OR OTHERWISE SHALL NOT EXTEND BEYOND ITS OBLIGATION TO REPAIR OR REPLACE, AT ITS OPTION ANY PRODUCT OR PART FOUND BY MANUFACTURER TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP. MANUFACTURER SHALL NOT BE LIABLE FOR COST OF INSTALLATION AND/OR REMOVAL OR BE RESPONSIBLE FOR DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

GENERAL RETURNS OF MERCHANDISE

1. All returns must be pre-authorized
 - A. Please call our parts department for an RGA number
 - B. Please include RGA number on the outside of box
 - C. Include any required paper work or special instructions
 - D. Items returned without an RGA number will not be accepted
2. All returns are subject to a 20% restock charge.
3. Special items are non-returnable
 - A. Non-stock parts
 - B. Custom parts
 - C. If you are unsure about a parts status when ordering, ask your McLaughlin representative if the item fits on of the above conditions.
4. Items must be returned within thirty days of original order date.
5. Items not returned within 30 days from the date of RGA is issued will not be accepted.
6. The item(s) must be in new condition. Used item(s) are not returnable.

Notes

A large rectangular box containing 30 horizontal lines for writing notes. The lines are evenly spaced and extend across the width of the box. The box is defined by a thin black border.