



**McLAUGHLIN®**

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**Parts Manual**  
**Vermeer/ McLaughlin SKID V500/800/1200HD**  
**Vacuum Machine**  
**Serial Number 8DHD062807880 - Present**  
**Part #E850604**

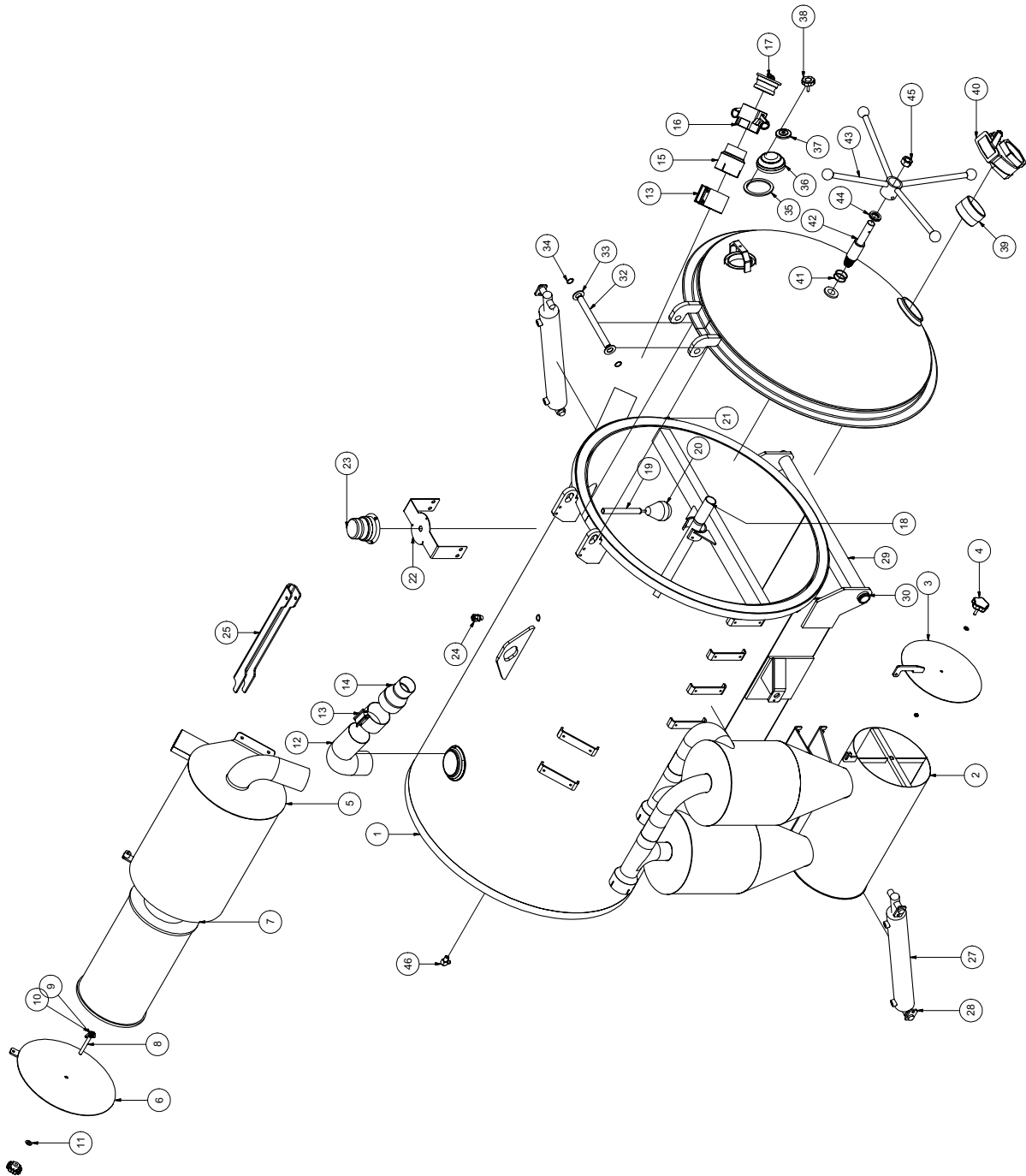
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# Tank and Door Assembly

# V500HD



VACASSY003

# Tank and Door Assembly

# V500HD

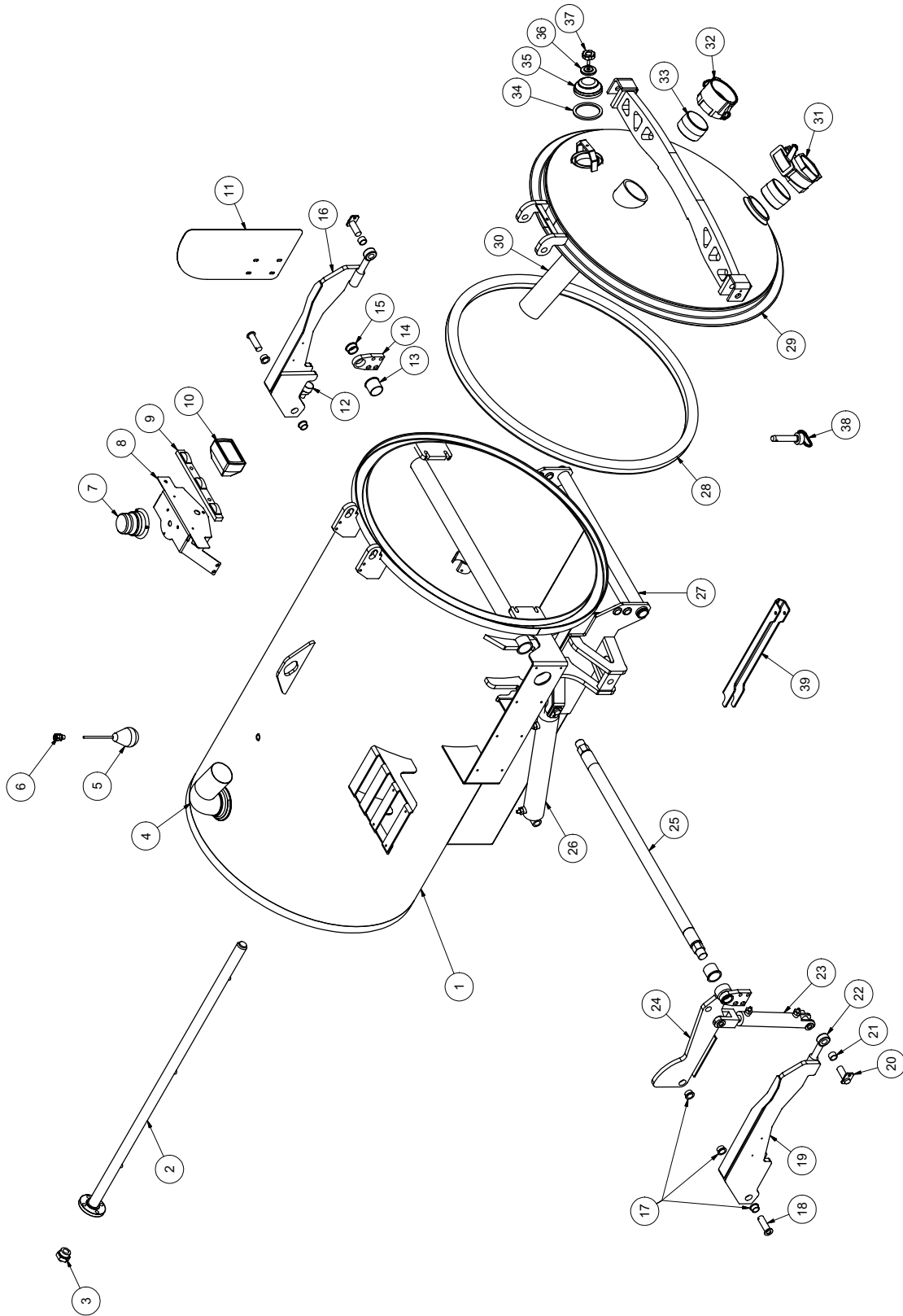
ITEM	QTY	NUMBER	DESCRIPTION	ITEM	QTY	NUMBER	DESCRIPTION
1	1	8040821	TANK	24	1	X000113	1/2" STRAIN RELIEF
2	1	8040911	CYCLONE SEPARATOR HOUSING	25	1	8041212	SAFETY BRACE
	4	U000420	SCREW, HC 3/8-16 X 1.00		1	8041213	CLIP, SAFETY
	4	U200600	WASHER, FLAT 3/8"	26			N/A
3	1	8041272	CYCLONE SEPARATOR DOOR	27	2	8030359	SPOIL TANK HYDRAULIC CYLINDER
	1	8041444	CYCLONE SEPARATOR DOOR SEAL		4	T401270	ELBOW, 90 8MB-6MJ
4	1	8041197	CYCLONE KNOB		1	8041456	HOSE ASSY VAC 6-70 ST-90
	1	8041231	WASHER, BONDED SEALING 3/8"		1	8041457	HOSE ASSY VAC 6-90 ST-90
	1	U210061	NUT, HEX NY 3/8"-16		1	8041458	HOSE ASSY VAC 6-86 ST-ST
5	1	8040469	AIR FILTER HOUSING		1	8041459	HOSE ASSY VAC 6-105 ST-ST
	4	U000420	SCREW, HC 3/8-16 X 1.00	28	4	8030128	CYLINDER PIN
	4	U200600	WASHER, FLAT 3/8"		4	U000400	SCREW, HC 3/8-16 X 0.75
6	1	8041541	AIR FILTER HOUSING DOOR		4	U210060	WASHER, LOCK 3/8"
	1	8041450	AIR FILTER HOUSING DOOR SEAL	29	1	8030038	TANK PIVOT ROD
	1	8041218	AIR FILTER KNOB	30	2	8030363	2" SPIRAL SNAP RING
7	1	8031293	AIR FILTER ELEMENT	31	1	8040843	DOOR
8	1	8040302	THREADED ROD	32	1	8040058	DOOR HINGE ROD
9	1	U200100	WASHER, FLAT 1/2"	33	2	U200171	DOOR HINGE WASHER
10	1	8041219	WING NUT, 1/2-13	34	2	8030362	1" SNAP RING
11	1	8041232	BONDED SEALING WASHER	35	1	8032007	4" COUPLER GASKET
12	1	8040786	EXHAUST ELBOW	36	1	8031048	SIGHT GLASS
13			N/A	37	1	8031047	SIGHT GLASS PLATE
14			N/A	38	1	8031046	SIGHT GLASS HAND WHEEL
15	1	8040991	4" SUCTION PORT ADAPTER	39	1	8030431	4" CLOSE NIPPLE
16	1	8030846	4" FEMALE COUPLER	40	1	8030916	GATE VALVE
17	1	8032006	4" COUPLING PLUG	41	2	W200120	ORING #225 BUNA
	1	8041485	LANYARD CABLE	42	1	8040306	DOOR STRIKER
18	1	8040868	TANK ROD	43	1	8040235	DOOR HANDLE
	1	8030446	O-RING #328 BUNA		2	U010040	SCREW, HSH 5/16-18 X 0.50
	4	U000880	SCREW, HC 1/2-13 X 2.00		4	J400060	KNOB
	4	U100120	NUT, HEX 1/2-13	44	3	8030174	SPACER
	8	U200100	WASHER, FLAT 1/2"	45	1	U120060	LOCKNUT, NYLON 1" - 8
	3	U010055	SCREW, HSH 5/16-18 X 1.50	46	1	8030498	ELBOW, 90 3/8MP 3/8MJ
	3	8030369	TANK CLEANOUT NOZZLES	*	1	8041447	HOSE VAC KANAFLEX 4-34
19	1	8040769	HIGH LEVEL FLOAT SWITCH TUBE	*	1	8041448	HOSE VAC KANAFLEX 4-30
	1	8041291	BUSHING, RUBBER	*	1	8041449	HOSE VAC KANAFLEX 4-136
20	1	8030531	HIGH LEVEL FLOAT SWITCH	*	1	8041461	CABLE VAC SO4-216
21	1	8041765	DOOR SEAL	*	1	8031242	WORK LIGHT
22	1	8041753	STROBE LIGHT BRACKET	*	1	8041509	TANK CLEARANCE LIGHT
	4	U000880	SCREW, HC 1/2-13 X 2.00	*	1	8041839	DOOR SEAL GLUE
	4	U200100	WASHER, FLAT 1/2"				
	4	U210111	WASHER, LOCK 1/2"				
	4	U100120	NUT, HEX 1/2-13				
23	1	8030347	STROBE LIGHT				
	3	U010006	SCREW, PHILLIPS #10-24 X 1"				
	3	U210005	WASHER, LOCK #10				
	3	U100010	NUT, HEX #10-24				

\* ITEM NOT SHOWN

VACASSY003

# Hydraulic Door Option

# V500



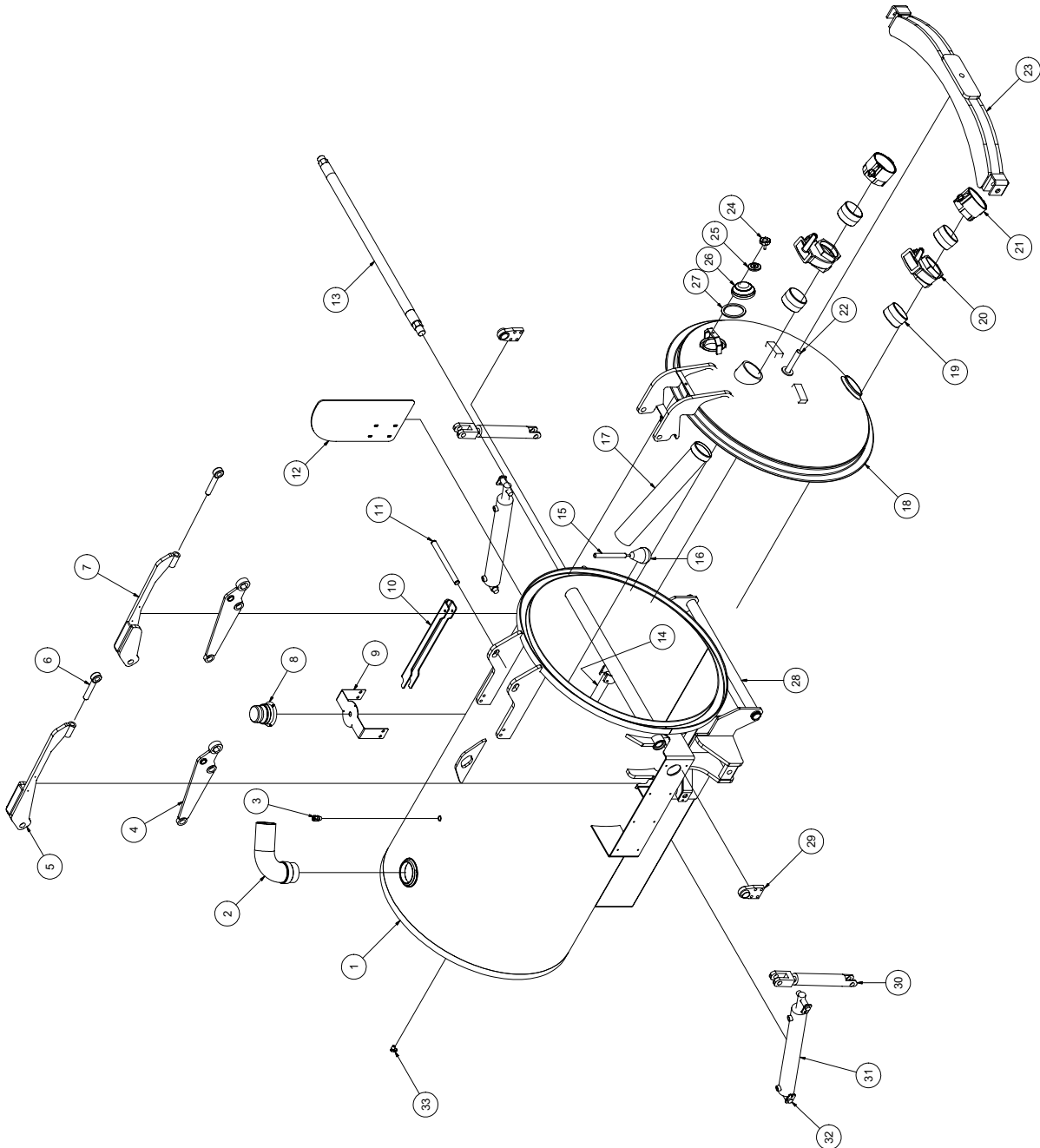
# Hydraulic Door Option

# V500

ITEM#	QTY	NUMBER	DESCRIPTION	ITEM#	QTY	NUMBER	DESCRIPTION
1	1	8041292	TANK	25	1	8041607	LINKAGE CROSS TUBE
2	1	8041566	TANK ROD	26	2	8030359	SPOIL TANK HYDRAULIC CYLINDER
	1	8030446	O-RING #328 BUNA	4	4	T401270	ELBOW, 90 8MB-6MJ
4	4	U000880	SCREW, HC 1/2"-13 X 2"	4	4	8043301	HOSE ASSY VAC 6-56 ST-ST
4	4	U100120	NUT, HEX 1/2"-13	2	2	8043302	HOSE ASSY VAC 6-78 ST-ST
8	8	U200100	WASHER, FLAT 1/2"	4	4	T402154	TEE 3/8 MJIC - 3/8 MJIC - 3/8 MJIC
3	3	U010055	SCREW, HSH 5/16-18 X 1 1/2"	2	2	T400022	REDUCER 3/8 FJIC - 1/4 MJIC
3	3	8043166	TANK CLEANOUT NOZZLES	4	4	8030128	CYLINDER PIN
3	1	T400261	REDUCER 1"MSAE - 3/8"MJIC	4	4	U000400	SCREW, HC 3/8-16 X 0.75
4	1	8040786	EXHAUST ELBOW	4	4	U210060	WASHER, LOCK 3/8"
5	1	8030531	HIGH LEVEL FLOAT SWITCH	27	1	8030038	TANK PIVOT ROD
1	1	8040769	HIGH LEVEL FLOAT TUBE	2	2	8030363	2" SPIRAL SNAP RING
1	1	8041291	BUSHING, RUBBER	28	1	8041765	DOOR SEAL
6	1	X000113	1/2" STRAIN RELIEF	29	1	8042064	DOOR
7	1	8030347	STROBE LIGHT	1	1	8040058	DOOR HINGE ROD
8	1	8041753	STROBE LIGHT BRACKET	6	6	U200171	WASHER, FLAT 1" SAE
4	4	U000880	SCREW, HC 1/2"-13 X 2"	2	2	U500020	1" SNAP RING
3	3	U010006	SCREW, PHILLIPS #10-24 X 1"	30	1	8041661	INLET TUBE
3	3	U210005	WASHER, LOCK #10	31	1	8030916	GATE VALVE
3	3	U100010	NUT, HEX #10-24	32	1	8032005	4" FEMALE COUPLER
9	1	8041509	TANK CLEARANCE LIGHT	1	1	8032007	4" COUPLER GASKET
10	1	8031242	WORK LIGHT	33	4	8030431	4" CLOSE NIPPLE
11	1	8041635	HYD ARM GUARD	34	1	8032007	SIGHT GLASS GASKET
12	2	W000020	CAM ROLLER 1 1/4"	35	1	8031048	SIGHT GLASS
2	2	U160019	1/2"-20 NY-LOCK NUT	36	1	8031047	SIGHT GLASS PLATE
13	2	8041602	2" FLANGED BUSHING	37	1	8031046	SIGHT GLASS HAND WHEEL
14	2	8041621	OUTER BEARING PLATE	38	1	8041626	DOOR SAFETY PIN
8	8	8042008	1-1/2" SHIMS	1	1	8041485	LANYARD CABLE
8	8	U000840	SCREW, HC 1/2"-13 X 1 1/2"	39	1	8041212	SAFETY BRACE
8	8	U210100	WASHER, 1/2" LOCK	1	1	8041213	CLIP, SAFETY
8	8	U200100	WASHER, 1/2" FLAT				
15	2	8041724	1-1/2" FLANGED BUSHING				
16	1	8041369	LONG LINKAGE CURBSIDE				
1	1	8041770	PLASTIC WEAR PLATE				
2	2	U010800	SCREW, SFH 1/4"-20 X 3/4"				
17	8	8041524	1" BUSHING				
18	6	8042489	HYD DOOR PIN				
6	6	U340050	3/16" LYNCH PIN				
19	1	8041375	LONG LINKAGE STREETSIDE				
1	1	8041770	PLASTIC WEAR PLATE				
2	2	U010800	SCREW, SFH 1/4"-20 X 3/4"				
20	2	8042171	DOORARM PIN				
2	2	U000400	SCREW, HC 3/8-16 X 0.75				
2	2	U210060	WASHER, LOCK 3/8"				
21	2	8041524	BUSHING 1"				
22	2	8041328	1" ROD END				
12	12	U200171	WASHER, FLAT 1" SAE				
23	2	8041327	DOOR LOCK CYLINDERS				
4	4	T400611	REDUCER 1/2"MSAE - 1/4"MJIC				
2	2	8043303	HOSE ASSY VAC 4-36 ST-ST				
2	2	8043304	HOSE ASSY VAC 4-47 ST-ST				
2	2	8043305	HOSE ASSY VAC 4-67 ST-ST				
2	2	T402035	TEE 1/4 MJIC - 1/4 MJIC - 1/4 MJIC				
24	2	8041604	SHORT LINKAGE				

# Tank and Door Assembly

# V800HD



VACASSY015

# Tank and Door Assembly

# V800HD

ITEM#	QTY	NUMBER	DESCRIPTION	ITEM#	QTY	NUMBER	DESCRIPTION	
1	1	8042123	TANK	21	2	8032005	4" FEMALE COUPLER	
2	1	8040786	EXHAUST ELBOW	22	1	8041374	DOOR BOLT	
3	1	X000113	1/2" STRAIN RELIEF	1	1	U120060	NUT, NYLOCK 1"-8	
4	2	8041604	SHORT LINKAGE	1	1	U200170	WASHER, FLAT 1"	
		2	8041524	1" BUSHING	23		N/A	
5	1	8041375	LONG LINKAGE STREETSIDE				N/A	
		2	8041524	1" BUSHING			N/A	
		1	8041770	PLASTIC WEAR PLATE	24	1	8031046	SIGHT GLASS HAND WHEEL
		2	U010800	SCREW, SFH 1/4"-20 X 3/4"	25	1	8031047	SIGHT GLASS PLATE
6	2	8041328	1" ROD END	26	1	8031048	SIGHT GLASS	
		1	8041524	1" BUSHING	27	1	8032007	4" COUPLER GASKET
7	1	8041369	LONG LINKAGE CURBSIDE	28	1	8030038	TANK PIVOT ROD	
		2	8041524	1" BUSHING	2	2	8030363	2" SPIRAL SNAP RING
		1	8041770	PLASTIC WEAR PLATE	29	2	8041621	OUTER BEARING PLATE
		2	U010800	SCREW, SFH 1/4"-20 X 3/4"	1	1	8041602	2" FLANGED BUSHING
8	1	8030347	STROBE LIGHT	8	8	U000840	SCREW, HC 1/2"-13 X 1 1/2"	
		3	U010006	SCREW, PHILLIPS #10-24 X 1"	8	8	U210100	WASHER, 1/2" LOCK
		3	U210005	WASHER, LOCK #10	8	8	U200100	WASHER, 1/2" FLAT
		3	U100010	NUT, HEX #10-24	30	2	8041327	DOOR LOCK CYLINDERS
9	1	8041753	STROBE LIGHT BRACKET	2	2	8041625	1" X 2 3/4" CLEVIS PIN	
		4	U000880	SCREW, HC 1/2"-13 X 2"	4	4	U200170	WASHER, FLAT 1"
		4	U200100	WASHER, FLAT 1/2"	2	2	T400611	REDUCER #8MB - #4MJ
		4	U210111	WASHER, LOCK 1/2"	1	1	8042354	HOSE ASSY VAC 4-160 ST-ST
		4	U100120	NUT, HEX 1/2"-13	1	1	8042355	HOSE ASSY VAC 4-60 ST-ST
10	1	8041212	SAFETY BRACE	1	1	8042356	HOSE ASSY VAC 4-48 ST-ST	
		1	8041213	CLIP, SAFETY	2	2	T402035	TEE 4MJ 4MJ 4MJ
11	1	8040058	DOOR HINGE ROD	31	2	8030955	SPOIL TANK HYDRAULIC CYLINDER	
		2	U210200	DOOR HINGE WASHER	4	4	T401270	ELBOW, 90 8MB-6MJ
		2	U500020	1" SNAP RING	1	1	8041475	HOSE ASSY VAC 6-130 ST-90
12	1	8041635	HYDRAULIC ARM GUARD	1	1	8041476	HOSE ASSY VAC 6-150 ST-90	
		4	U000040	SCREW, HC 1/4"-20 X 3/4"	1	1	8041477	HOSE ASSY VAC 6-140 ST-ST
		4	U200020	WASHER, FLAT 1/4"	1	1	8041478	HOSE ASSY VAC 6-160 ST-ST
		4	U210020	WASHER, LOCK 1/4"	32	4	8030128	CYLINDER PIN
13	1	8042262	LINKAGE CROSS TUBE	4	4	U000400	SCREW, HC 3/8-16 X 0.75	
		2	8041602	2" FLANGED BUSHING	4	4	U210060	WASHER, LOCK 3/8"
14	1	8042324	TANK ROD	33	1	8030498	ELBOW, 90 3/8MP 3/8MJ	
		1	8030446	O-RING #328 BUNA	*	1	8041461	CABLE VAC SO4-216
		4	U000880	SCREW, HC 1/2"-13 X 2"	*	1	8031242	WORK LIGHT
		4	U100120	NUT, HEX 1/2"-13	*	1	8041354	BRACKET, CLEARANCE LIGHT
		8	U200100	WASHER, FLAT 1/2"	*	1	8041509	TANK CLEARANCE LIGHT
		3	U010055	SCREW, HSH 5/16-18 X 1 1/2"	*	1	8041767	DOOR SEAL
		3	8030369	TANK CLEANOUT NOZZLES	*	1	8041728	SAFETY PIN
15	1	8042353	HIGH LEVEL FLOAT SWITCH TUBE	*	1	8041787	HOSE ASSY VAC 4-125 ST-ST	
		1	8041291	BUSHING, RUBBER	*	1	T401100	ELBOW, 90 4MP-4MJ
16	1	8030531	HIGH LEVEL FLOAT SWITCH					
17			N/A					
18	1	8042169	DOOR					
19	4	8030431	4" CLOSE NIPPLE			*	NOT SHOWN	
20	2	8030916	GATE VALVE					

VACASSY015





# Tank and Door Assembly

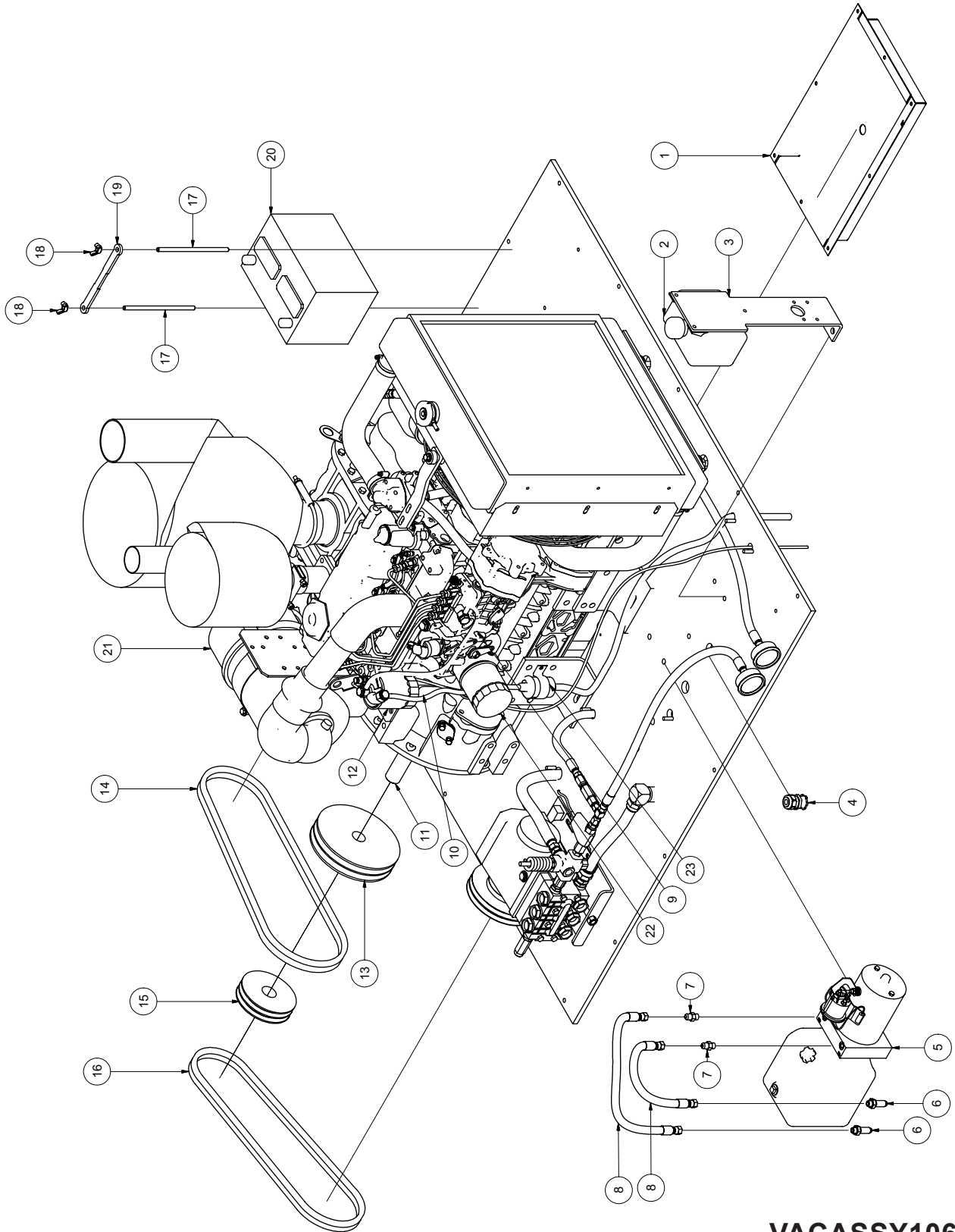
# V1200HD

ITEM#	QTY	NUMBER	DESCRIPTION	ITEM#	QTY	NUMBER	DESCRIPTION
1	1	8042123	TANK	21	2	8032005	4" FEMALE COUPLER
2	1	8040786	EXHAUST ELBOW	22	1	8041374	DOOR BOLT
3	1	X000113	1/2" STRAIN RELIEF		1	U120060	NUT, NYLOCK 1"-8
4	2	8041604	SHORT LINKAGE		1	U200170	WASHER, FLAT 1"
	2	8041524	1" BUSHING	23			N/A
5	1	8041375	LONG LINKAGE STREETSIDE				N/A
	2	8041524	1" BUSHING				N/A
	1	8041770	PLASTIC WEAR PLATE	24	1	8031046	SIGHT GLASS HAND WHEEL
	2	U010800	SCREW, SFH 1/4"-20 X 3/4"	25	1	8031047	SIGHT GLASS PLATE
6	2	8041328	1" ROD END	26	1	8031048	SIGHT GLASS
	1	8041524	1" BUSHING	27	1	8032007	4" COUPLER GASKET
7	1	8041369	LONG LINKAGE CURBSIDE	28	1	8030038	TANK PIVOT ROD
	2	8041524	1" BUSHING		2	8030363	2" SPIRAL SNAP RING
	1	8041770	PLASTIC WEAR PLATE	29	2	8041621	OUTER BEARING PLATE
	2	U010800	SCREW, SFH 1/4"-20 X 3/4"		1	8041602	2" FLANGED BUSHING
8	1	8030347	STROBE LIGHT	8	U000840	SCREW, HC 1/2"-13 X 1 1/2"	
	3	U010006	SCREW, PHILLIPS #10-24 X 1"	8	U210100	WASHER, 1/2" LOCK	
	3	U210005	WASHER, LOCK #10	8	U200100	WASHER, 1/2" FLAT	
	3	U100010	NUT, HEX #10-24	30	2	8041327	DOOR LOCK CYLINDERS
9	1	8041753	STROBE LIGHT BRACKET		2	8041625	1" X 2 3/4" CLEVIS PIN
	4	U000880	SCREW, HC 1/2"-13 X 2"		4	U200170	WASHER, FLAT 1"
	4	U200100	WASHER, FLAT 1/2"		2	T400611	REDUCER #8MB - #4MJ
	4	U210111	WASHER, LOCK 1/2"		1	8042354	HOSE ASSY VAC 4-160 ST-ST
	4	U100120	NUT, HEX 1/2"-13		1	8042355	HOSE ASSY VAC 4-60 ST-ST
10	1	8041212	SAFETY BRACE		1	8042356	HOSE ASSY VAC 4-48 ST-ST
	1	8041213	CLIP, SAFETY		2	T402035	TEE 4MJ 4MJ 4MJ
11	1	8040058	DOOR HINGE ROD	31	2	8030955	SPOIL TANK HYDRAULIC CYLINDER
	2	U210200	DOOR HINGE WASHER		4	T401270	ELBOW, 90 8MB-6MJ
	2	U500020	1" SNAP RING		1	8041475	HOSE ASSY VAC 6-130 ST-90
12	1	8041635	HYDRAULIC ARM GUARD		1	8041476	HOSE ASSY VAC 6-150 ST-90
	4	U000040	SCREW, HC 1/4"-20 X 3/4"		1	8041477	HOSE ASSY VAC 6-140 ST-ST
	4	U200020	WASHER, FLAT 1/4"		1	8041478	HOSE ASSY VAC 6-160 ST-ST
	4	U210020	WASHER, LOCK 1/4"	32	4	8030128	CYLINDER PIN
13	1	8042262	LINKAGE CROSS TUBE		4	U000400	SCREW, HC 3/8-16 X 0.75
	2	8041602	2" FLANGED BUSHING		4	U210060	WASHER, LOCK 3/8"
14	1	8042324	TANK ROD	33	1	8030498	ELBOW, 90 3/8MP 3/8MJ
	1	8030446	O-RING #328 BUNA	*	1	8041461	CABLE VAC SO4-216
	4	U000880	SCREW, HC 1/2"-13 X 2"	*	1	8031242	WORK LIGHT
	4	U100120	NUT, HEX 1/2"-13	*	1	8041354	BRACKET, CLEARANCE LIGHT
	8	U200100	WASHER, FLAT 1/2"	*	1	8041509	TANK CLEARANCE LIGHT
	3	U010055	SCREW, HSH 5/16-18 X 1 1/2"	*	1	8041767	DOOR SEAL
	3	8030369	TANK CLEANOUT NOZZLES	*	1	8041728	SAFETY PIN
15	1	8042353	HIGH LEVEL FLOAT SWITCH TUBE	*	1	8041787	HOSE ASSY VAC 4-125 ST-ST
	1	8041291	BUSHING, RUBBER	*	1	T401100	ELBOW, 90 4MP-4MJ
16	1	8030531	HIGH LEVEL FLOAT SWITCH				
17			N/A				
18	1	8042169	DOOR				
19	4	8030431	4" CLOSE NIPPLE			*	NOT SHOWN
20	2	8030916	GATE VALVE				

VACASSY015

# Power Pack Assembly

# 73HP-HD



VACASSY106

# Power Pack Assembly

# 73HP-HD

ITEM	QTY	NUMBER	DESCRIPTION	ITEM	QTY	NUMBER	DESCRIPTION
1	1	8040694	DRIP PAN 73HP	*	4	8030904	ISOLATOR
	8	U000040	SCREW, HC 1/4 - 20 X .750	*	4	U001320	SCREW, HC 5/8-11 X 4
	8	U210020	WASHER, LOCK 1/4"	*	4	8030851	WASHER, SNUBBING
	8	U200020	WASHER, FLAT 1/4"	*	4	U210140	WASHER, LOCK 5/8
2	1	8040645	TANK, OVERFLOW COOLANT	*	4	U100180	NUT, HEX 5/8-11
	3	U000040	SCREW, HC 1/4"-20 X 3/4"	*	8	U000420	SCREW, HC 3/8-16 X 1
	6	U200020	WASHER, FLAT 1/4"	*	16	U200060	WASHER, FLAT 3/8
	3	U210020	WASHER, LOCK 1/4"	*	8	U210060	WASHER, LOCK 3/8
	3	U100020	NUT, HEX 1/4"-20	*	8	U100060	NUT, HEX 3/8-16
3	1	8040577	WATER REGULATOR/OVERFLOW BRACKET				
	2	U000817	SCREW, HC 1/2"-13 X 1"				
	2	U210100	WASHER, LOCK 1/2"				
	2	U200100	WASHER, FLAT 1/2"				
4	1	X000112	CONNECTOR, PANEL 3/4 MNPT-3/4 FNPT				
	1	X000109	STRAIN RELIEF, 3/4"				
	1	X000108	3/4" COUPLING NUT				
5	1	8040486	HYDRAULIC POWER PACK, 12V 3QT				
**	1	8041601	HYD DOOR OPTION 6QT POWER PACK				
	2	U000420	SCREW, HC 3/8"-16 X 1"				
	2	U210060	WASHER, LOCK 3/8"				
	2	U200600	WASHER, FLAT 3/8"				
6	2	T400391	BULKHEAD 6MP 6MP				
7	2	T400037	UNION 6MB-6MJ				
8	2	8040973	HOSE ASSY VAC 6-20 ST-90				
9	1	8041473	HOSE VAC FUEL 5/16-18				
	2	8041472	HOSE VAC FUEL 5/16-72				
	6	U800015	CLAMP, HOSE 04 - 5/8"				
10	1	8041474	HOSE VAC FUEL 5/16-14				
	2	U800015	CLAMP, HOSE 04 - 5/8"				
11	1	8030908	KUBOTA V3300				
	1	8030908-1	MUFFLER				
	4	U000820	SCREW, HC 1/2"-13 X 1 1/4"				
	4	U210100	WASHER, LOCK 1/2"				
	4	U200100	WASHER, FLAT 1/2"				
12	1	8041053	KUBOTA FUEL FILTER				
13	1	8040482	SHEAVE 8.35 DIA 2 GROOVE				
	1	8040483	BUSHING 1 7/16" SK				
	1	U410125	KEY 3/8" X 3/8" X 2"				
14	2	8041081	Belt BX56				
15	1	8040480	SHEAVE 4.15 DIA 2 GROOVE				
	1	8040481	BUSHING 1 7/16" SH				
	1	U410125	KEY 3/8" X 3/8" X 2"				
16	2	8041082	Belt AX48				
17	2	8040684	ROD, BATTERY HOLD DOWN				
18	2	U130040	NUT, WING 3/8"-16				
19	1	8050016	BATTERY HOLD DOWN				
20	1	X400050	BATTERY, 31-MHD WORKAHOLIC				
	1	X300110	CABLE BATTERY #711431 14"				
	1	X300242	CABLE BATTERY #714134 42"				
21	1	8041054	KUBOTA AIR FILTER ELEMENT (PRIMARY)				
		8041055	KUBOTA AIR FILTER ELEMENT (SECONDARY)				
22	1	8032002	KUBOTA OIL FILTER				
23	1	8041056	PUMP, ELECTRIC FUEL				

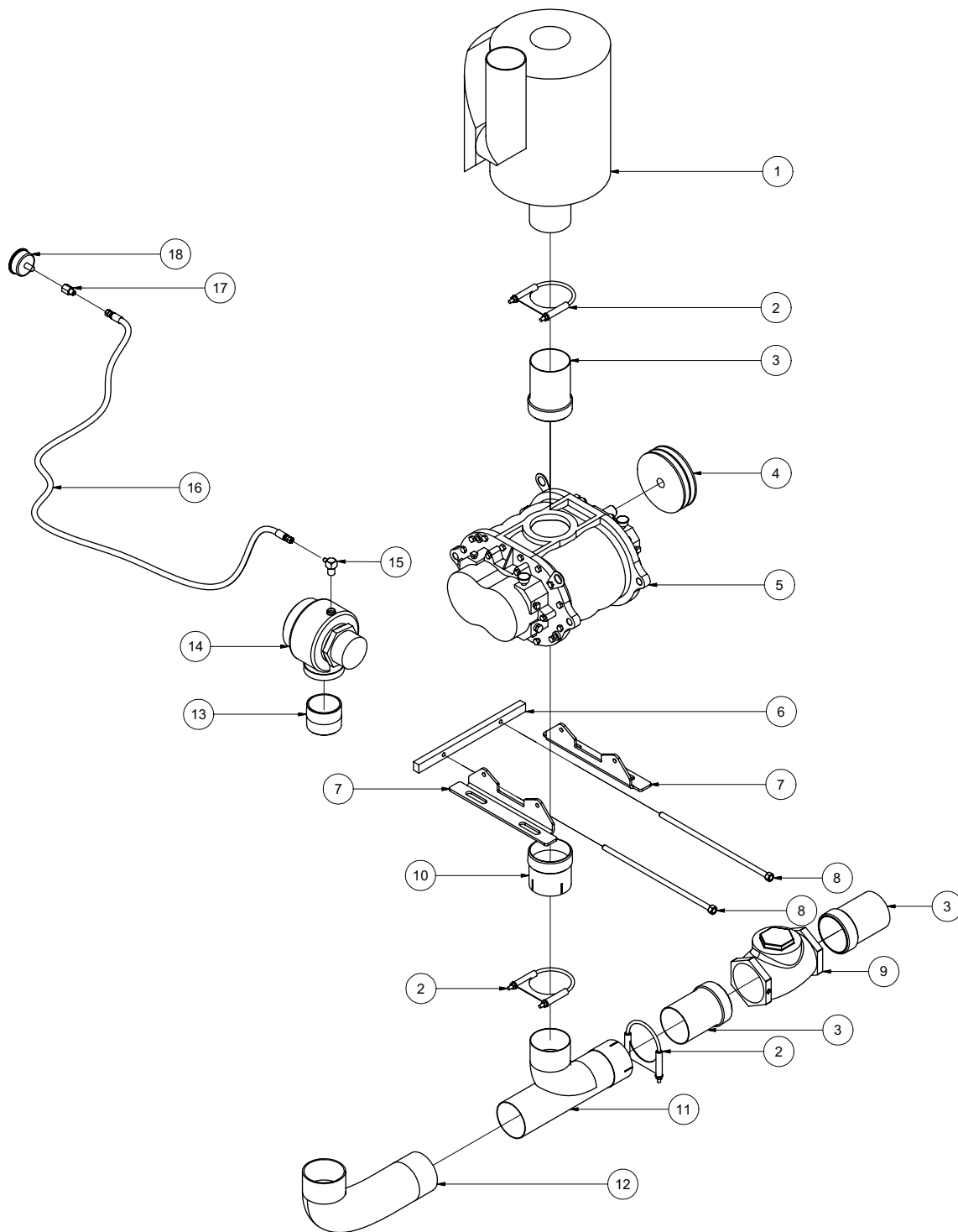
\* NOT SHOWN

\*\* OPTION

**VACASSY106**

# Blower Assembly

# 1025 CFM



VACASSY207

# Blower Assembly

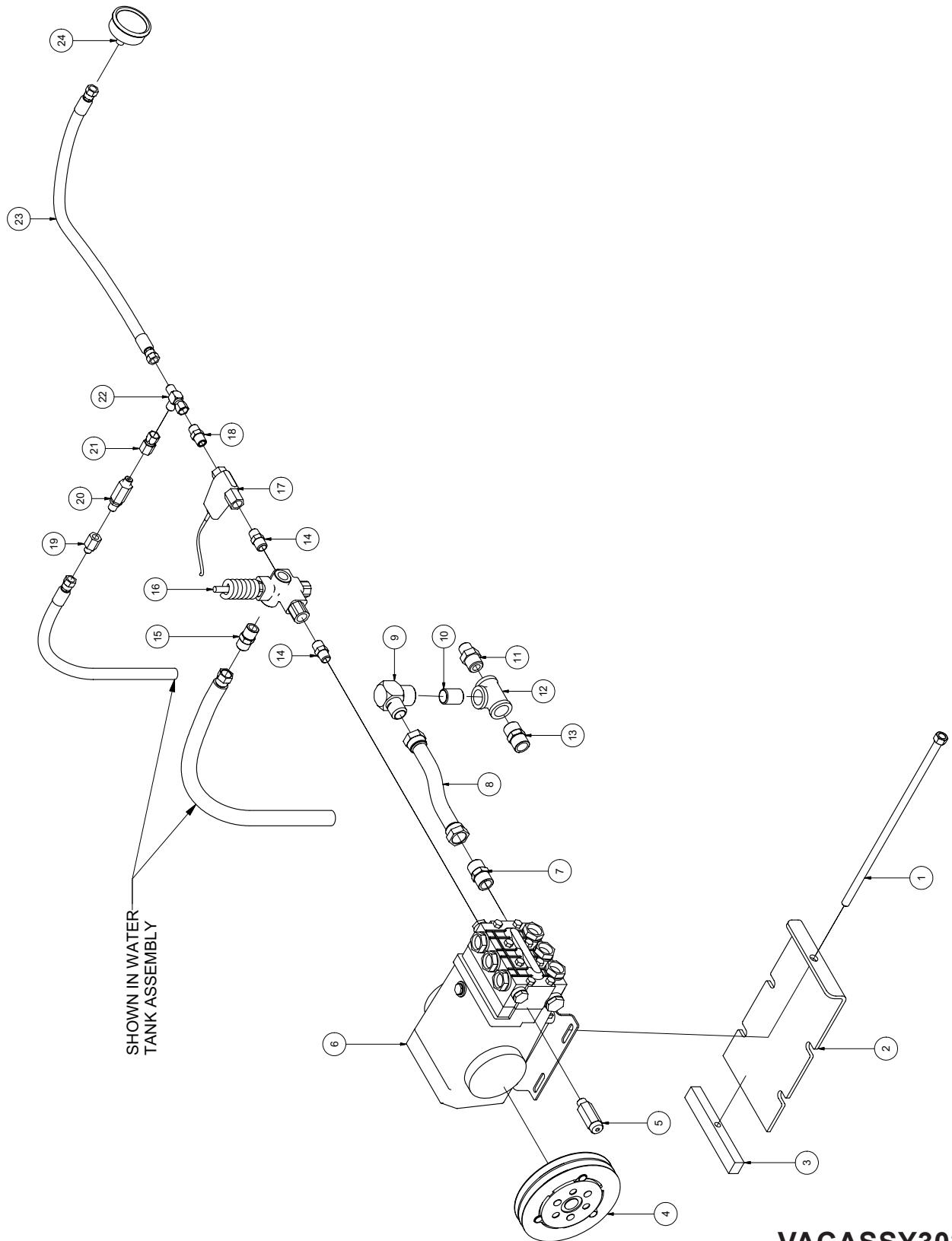
# 1025 CFM

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8030917	SILENCER,1025 CFM, COWL
2	3	8031193	4" EXHAUST CLAMP
3	2	8030560	EXHAUST ADAPTER 4" MNPT - 4"OD
4	1	8040484	SHEAVE 6.95 OD SDS 2-GROOVE
	1	8040485	BUSHING 1 1/8" SDS
	1	U410090	KEY 1/4" X 1/4" X 2 3/4"
5	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"
6	1	8040904	TENSION BLOCK 1025CFM
7	2	8040710	BLOWER FOOT (MODEL 59)
8	2	8041507	ROD TIGHTENER WELD" T
9	1	8041043	CHECK VALVE 4" FNPT
10	1	8040991	EXHAUST ADAPTER 4" MNPT - 4ID
11	1	8040930	WYE 4" IDOD
12	1	8041026	4" INLET HEADER HOSE
13	1	8030403	3" CLOSE NIPPLE
14	1	8030866	KUNKLE VALVE, 1025 CFM
15	1	T400590	ELBOW 6MP 4MJ
16	1	8041024	HOSE ASSY VAC 4-80 ST-ST
17	1	8030483	UNION 4FP 4MJ
18	1	8030371	VACUUM GAUGE

VACASSY207

# Water Pump Assembly

5.6 GPM



VACASSY302

# Water Pump Assembly

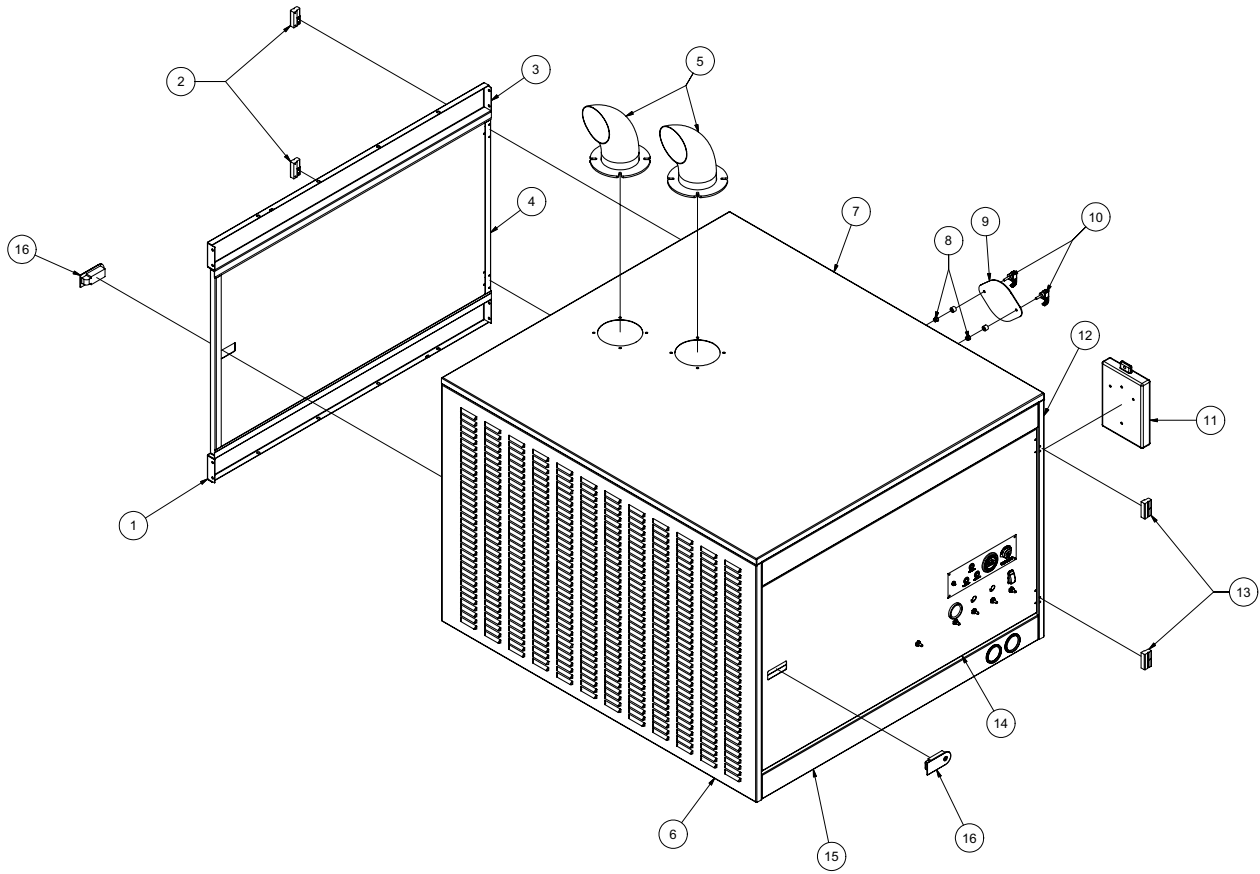
## 5.6 GPM

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8040751	WATER PUMP TENSIONER ROD
2	1	8040892	WATER PUMP TENSIONER PLATE
3	1	8040893	WATER PUMP TENSIONER BLOCK
4	1	8030961	WATER PUMP CLUTCH
	1	U410094	KEY 5/16" X 5/16" X 1 3/8"
5	1	8030340	SAFETY RELIEF VALVE 6GPM
6	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"
7	1	T400070	UNION, 8MP 12MJ
8	1	8040972	HOSE VAC PUSH 12-8 1/2
	2	8030525	FITTING, HOSE #12FJ PUSH LOCK
9	1	T401180	ELBOW, 12MP 12MJ
10	1	T421020	NIPPLE, PIPE 12MP 12MP
11	1	T404030	UNION, 12MP 8MP
12	1	T402160	TEE 12FP 12FP 12FP
13	1	T400100	UNION, 12MP 12MJ
14	2	T400805	UNION, 8MP 6MP
15	1	T400040	UNION, 8MP 8MJ
16	1	8030341	UNLOADER VALVE
17	1	8031267	FLOW SWITCH
18	1	T400803	UNION, 6MP 6MP
19	1	8031126	UNION, 4FP 6MJ
20	1	8030923	HIGH PRESSURE WATER FILTER
21	1	8031125	UNION, 6FJ 4FP
22	1	T402153	TEE, 6MJ 6MJ 6FJ
23	1	8040971	HOSE ASSY VAC 4-19 ST-ST 6FJ
24	1	8030372	WATER PRESSURE GAUGE 1/4NPT

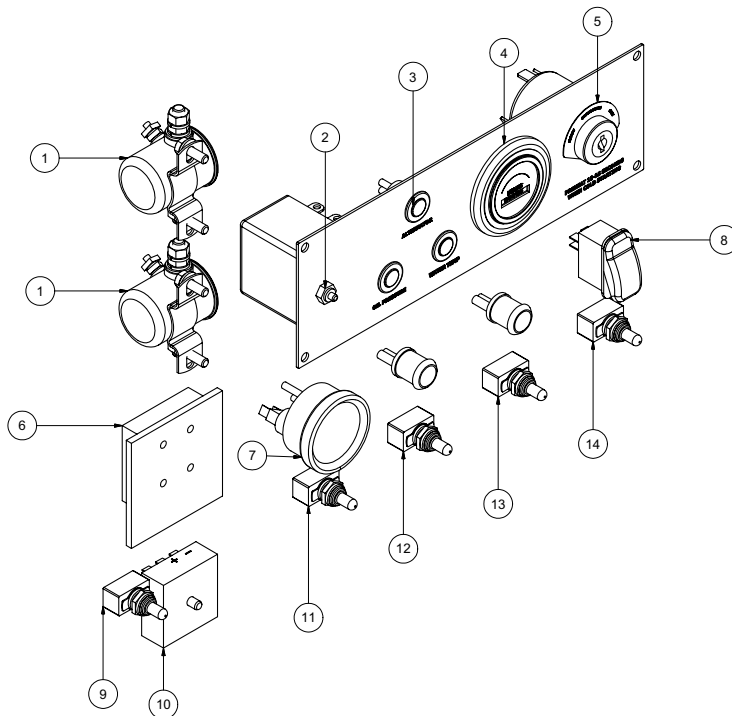
VACASSY302

# Enclosure Assembly

## 73HP-HD



### VACASSY406



### VACASSY501



# Enclosure Assembly

## 73HP-HD

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8041014	SIDE PANEL
2	2	8040589	OFFSET HINGE TYPE A
	8	U030525	SCREW, PAN HD #10-32X1/2
3	2	8040692	UPPER SIDE PANEL
4	1	8040700	DOOR
5	2	8041195	EXHAUST WELDMENT
6	1	8041011	BACK SHEET
7	1	8040852	TOP SHEET
8	2	U120142	NUT, FLANGED LOCK 1/4-20
9	1	8040592	RADIATER ACCESS PLATE
10	2	8040334	LATCH, SWELL
11	1	E250211	MANUAL BOX
12	1	8041012	FRONT SHEET
13	2	8040588	OFFSET HINGE TYPE B
	8	U030525	SCREW, PAN HD #10-32X1/2
14	1	8040745	DOOR, CONTROL
15	1	8041013	SIDE PANEL W/ GAUGES
16	2	8040586	LATCH, LEVER LOCKABLE
*	72	U000060	SCREW, HC 1/4-20X1
*	126	U200020	WASHER, FLAT 1/4
*	72	U210020	WASHER, LOCK 1/4
*	54	U100020	NUT, HEX 1/4-20
*	1	8041171	HANDLE
	2	U001017	SCREW, HSH 1/4-20 X 1.25
	2	U200020	WASHER, FLAT 1/4
	2	U120100	NUT, HEX LOCK 1/4-20
*	4	8041483	DOOR SEAL VERTICAL
*	4	8041484	DOOR SEAL HORIZONTAL

\* NOT SHOWN

### VACASSY406

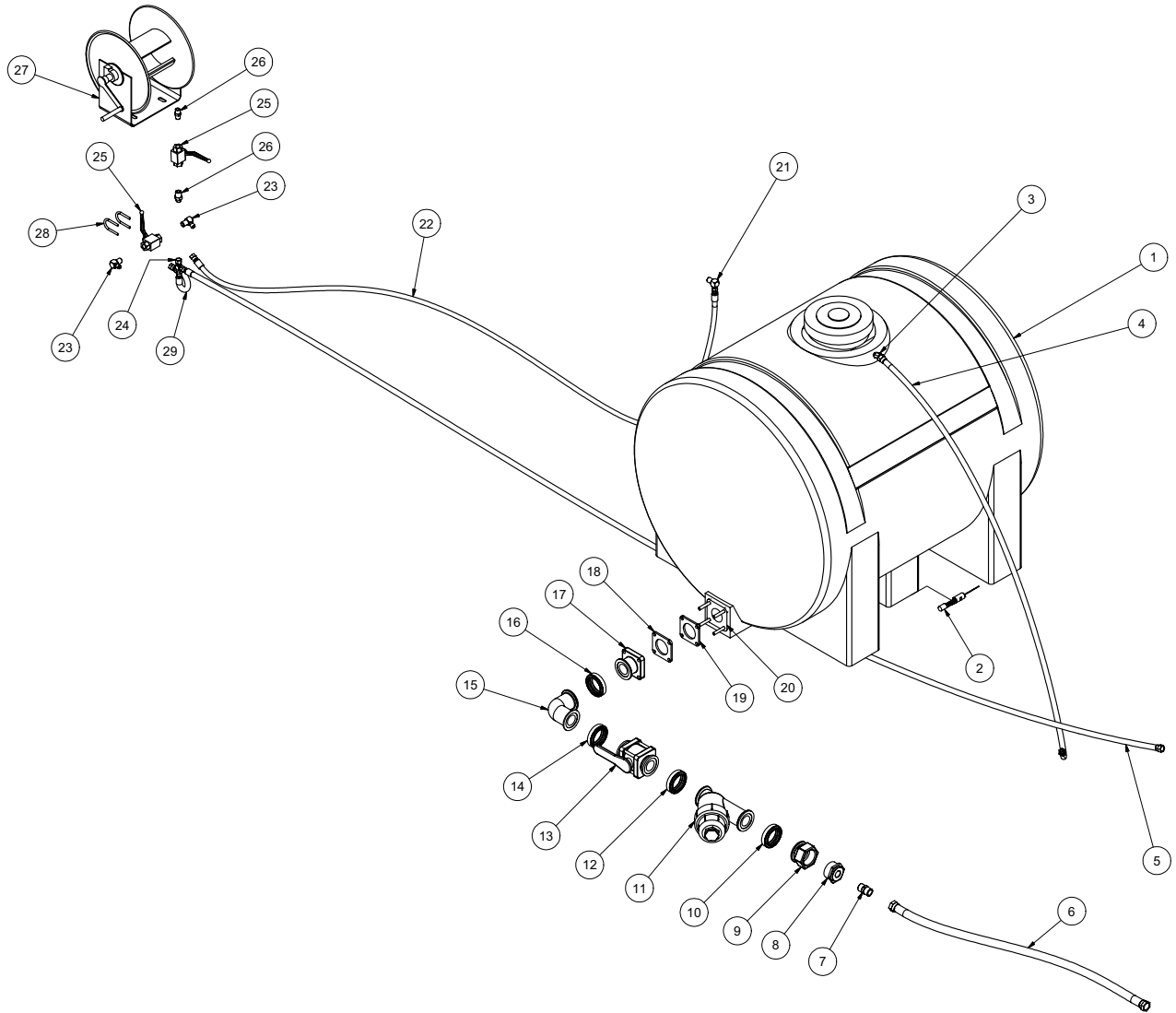
ITEM	QTY	NUMBER	DESCRIPTION
1	2	8030443	80-12V SOLENOID
2	1	8030455	MURPHY SWITCH
3	5	8030457	PANEL LIGHTS
4	1	8030456	HOUR METER
5	1	8030458	KEY SWITCH
	1	8030829	KEYS
6	1	8031257	FUSE PANEL 8 POS.
	1	8030468	10 AMP FUSE
	6	8030461	5 AMP FUSE
7	1	8030330	FUEL GAUGE
8	1	X000021	ROCKER SWITCH THROTTLE HIGH/LOW
9	1	8041077	SWITCH, TANK RAISE/LOWER
10	1	8031231	SWITCH, DELAY RELAY
11	1	X000095	SWITCH, WORK LIGHTS
12	1	X000095	SWITCH, FULL TANK OVERRIDE
13	1	X000095	SWITCH, WATER PUMP CLUTCH
14	1	X000092	SWITCH, AUTOMATIC THROTTLE
*	2	8030826	INLINE 20 AMP FUSE
*	2	8030365	20 AMP FUSE
*	1	8041268	ANTIFREEZE SWITCH
*	2	8031292	DIODE NTE 5809

\* NOT SHOWN

### VACASSY501

# Water Tank Assembly

# 230 GAL



VACASSY604

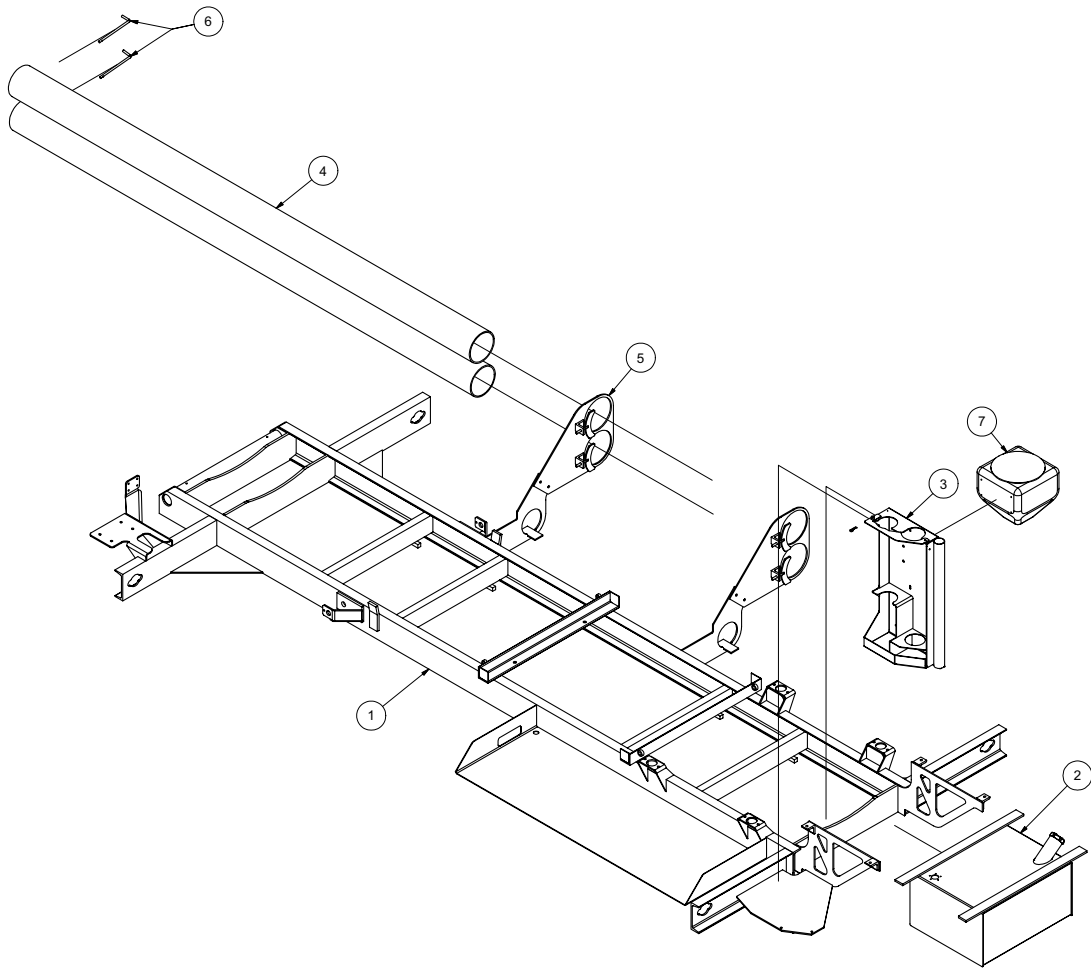
# Water Tank Assembly

## 230 GAL

ITEM	QTY	NUMBER	DESCRIPTION
1	1	8030338	230 GALLON WATER TANK
	2	8041535	WATER TANK STRAP
	1	8030931	WATER TANK LID
2	1	8030343	LOW WATER LEVEL SWITCH
3	1	8030518	BULKHEAD 45 DEG, 8MJ
4	1	8041465	HOSE VAC PUSH 8-66
	2	8030524	PUSH LOCK HOSE FITTING 8FJ
5	1	8041466	HOSE ASSY VAC 8-160 ST-ST
6	1	8041467	HOSE VAC PUSH 12-36
	2	8030524	PUSH LOCK HOSE FITTING 12FJ
7	1	T400100	UNION, 3/4MP - 12MJ
8	1	8031134	BUSHING, 2" X 3/4" NPT BANJO
9	1	8030996	ADAPTER, FEMALE 2" BANJO
10	1	8031000	CLAMP, WATER MANIFOLD
11	1	8031001	Y-STRAINER, 2" BANJO
12	1	8031000	CLAMP, WATER MANIFOLD
13	1	8030998	BALL VALVE, 1-1/2 ID BANJO
14	1	8031000	CLAMP, WATER MANIFOLD
15	1	8030995	ELBOW, 2" BANJO
16	1	8031000	CLAMP, WATER MANIFOLD
17	1	80309971	FLANGE, 2" BANJO
18	1	80309972	FLANGE GASKET, 2" BANJO
19	1	80309972	FLANGE GASKET, 2" BANJO
20	1	80309973	FLANGE BOLTED, 2" BANJO
	4	U100060	NUT, HEX 3/8-16
	4	U210060	WASHER, LOCK 3/8
21	1	T401102	ELBOW, 6MJ - 3/8MP
22	1	8041468	HOSE ASSY VAC 8-130 ST-ST
23	2	T401102	ELBOW, 6MJ - 3/8MP
24	1	T402153	TEE, 6MJ - 6MJ - 6FJ
25	2	8030351	BALL VALVE, STEEL 3/8FJ
26	2	T400028	UNION, 6MJ - 3/8MP
27	1	8030346	HOSE REEL
	4	U000420	SCREW, HC 3/8"-16 X 1.0
	8	U200060	WASHER, FLAT 3/8"
	4	U210060	WASHER, LOCK 3/8"
	4	U100060	NUT, HEX 3/8"-16
28	2	U010017	UBOLT, 1/4 - 20 X 1-1/2
29	1	8041469	HOSE ASSY VAC 8-16 ST-ST

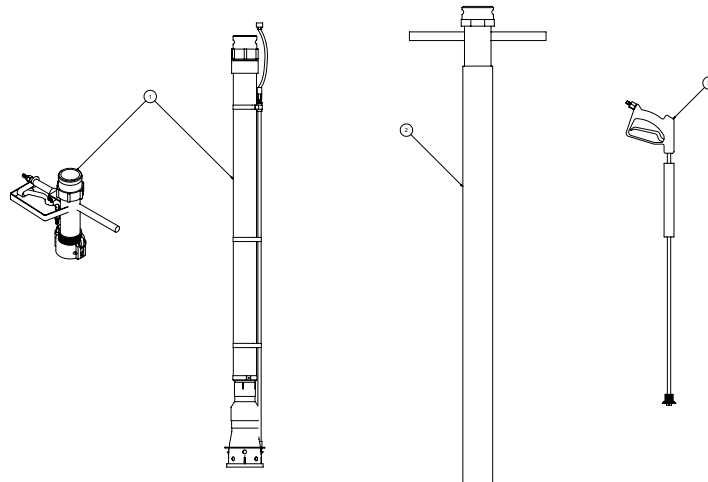
VACASSY604

# Skid Assembly



**VACASSY914**

# Tools



**VACASSY702**

# Skid Assembly

ITEM	QTY	NUMBER	DESCRIPTION
1	1	-	SKID WELDMENT
	1	8041380	SKID 500
	1	8041360	SKID 800
	1	8041486	SKID 1200
2	1	8040763	FUEL TANK (20 GAL)
	1	36201441	FUEL CAP
	1	8030697	FUEL SENDING UNIT
	1	8030656	FUEL FILTER
3	1	8040985	TOOL RACK
	1	8040989	TOOL RACK CLOSURE
	1	R700175	R CLIP 7/8"
	1	8041259	STRAP, 10"
	1	8041485	LANYARD CABLE
4	2	8041102	HOSE STORAGE 6" X 10'
	2	8030925	END CAP 6"
5	2	8041142	HOSE STORAGE BRACKETS
	4	8040959	HOSE STORAGE CLAMP
	8	U200060	WASHER, FLAT 3/8
	8	U100060	NUT, HEX 3/8
6	2	8041101	HOSE STORAGE RETAINING ROD
	2	R700175	R CLIP 7/8"
	2	8041485	LANYARD CABLE
7	1	8030394	ANTI-FREEZE TANK (4 GAL)
	4	U000180	SCREW, HC 5/16"-18 X .75"
	4	U200040	WASHER, FLAT 5/16
	4	U210040	WASHER, LOCK 5/16
	1	T403100	UNION 12FP 20MP
	1	T401040	ELBOW 90 12MP 12MP
	1	8030376	BALL VALVE 3/4" FP
	1	T400080	UNION 8MJ - 12MP
	2	8030524	# 8 FJ PUSHLOCK
	1	8041470	HOSE VAC PUSH 8-36
*	2	8041263	PLASTIC STRIP
		*	NOT SHOWN

VACASSY914

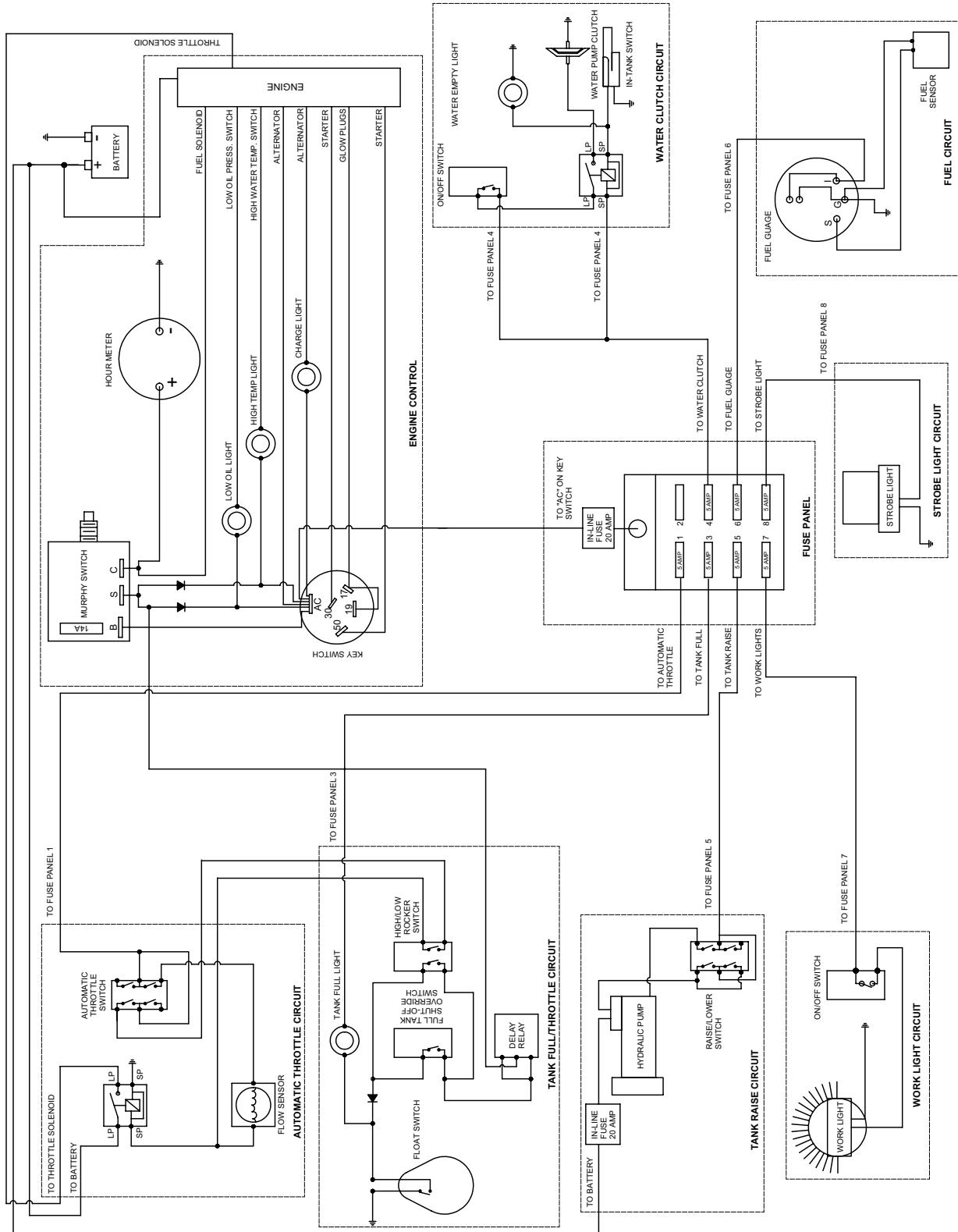
# Tools

Item	Qty	Number	Description	Item	Qty	Number	Description
1	1	8041908	TOOL VAC REDUCTION HD COMPLETE	*	2	8041100	VACUUM HOSE ASSEMBLY 4" X 10'
	1	8030635	TOOL VAC HEAD ASSY 3"		1	8030844	BANJO 4" MALE
	2	8030486	QUICK DISCONNECT SS		1	8030846	BANJO 4" FEMALE
	1	8031079	BANJO 3" MALE		2	8030560	HOSE ADAPTER 4"
	1	8030392	BANJO 3" FEMALE		1	8040339	VACCUM HOSE 4" KANAFLEX
	1	8030928	TRIGGER ASSEMBLY	*	1	8041080	ADAPTER 3" TO 4"
	1	8041099	TOOL VAC REDUCTION HD LOWER ASSY	*	1	8041830	HIGH PRESSURE WATER HOSE
	2	8030370	REDUCTION TOOL NOZZLE	*	1	8030504	REDUCER 3/8"FP - 1/4"MP
	2	8031268	REDUCTION TOOL NOZZLE 45 DEG	*	1	8030487	Q.D. FEMALE 1/4"FP
	1	8031079	BANJO 3" MALE				
		8040333	REDUCTION TOOL COLLAR				
2	1	8040983	TOOL VAC SUCTION 4" COMPLETE	*			NOT SHOWN
3	1	8030348	TOOL VAC SPRAY WAND COMPLETE				
	1	8030928	TRIGGER ASSEMBLY				
	1	8030847	WAND				
	1	8031308	NOZZLE				

VACASSY702



# WIRING SCHEMATIC







# 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, intended for writing notes.