

To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired unit.

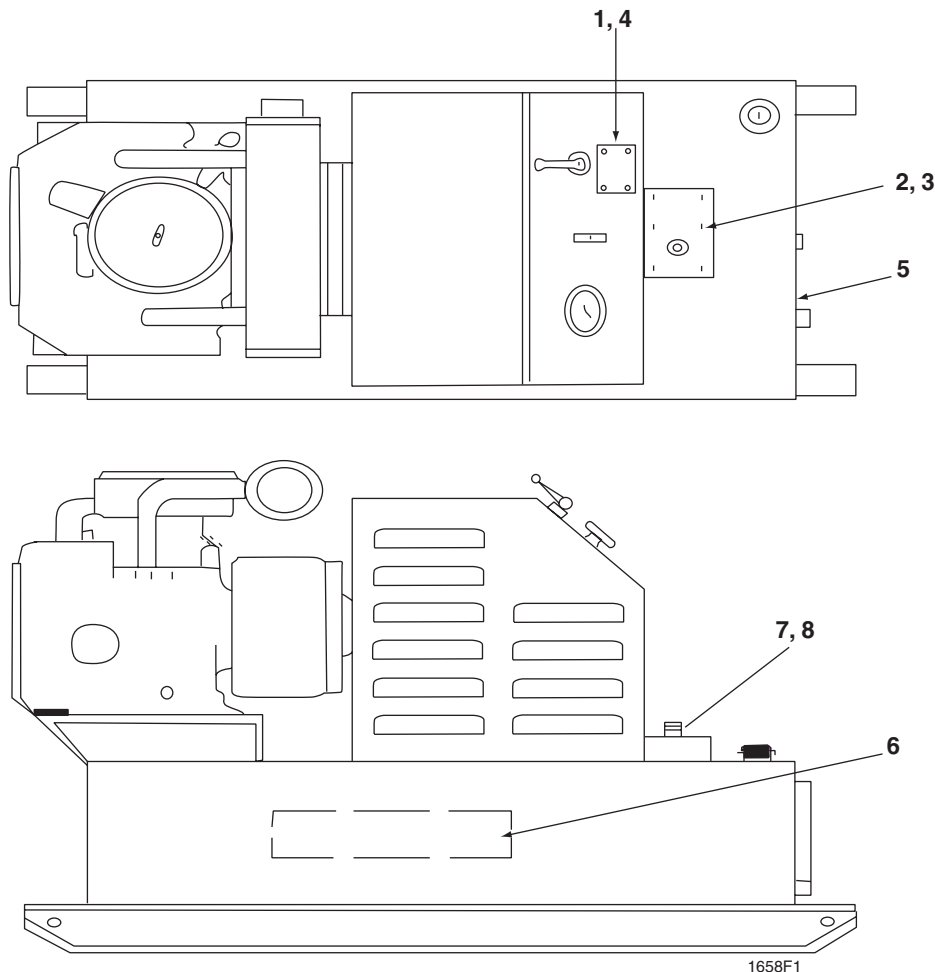


Figure 1

Repair Parts List for Figure 1

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	Y697003	4	Rivet	6	CL537026	2	Decal
2	B1349028	3	Capscrew (VM-2 uses 6)	7	VM-2	1	2 Position, 3-way Valve
3	B1357028	2	Capscrew (VM-4)	7	VM-4	1	3 Position, 4-way Valve
4	★★	1	Nameplate	8	F786.167	1	Valve Gasket
5	CJ357026	1	Caution Decal				

★ Contact Enerpac for replacement nameplate.

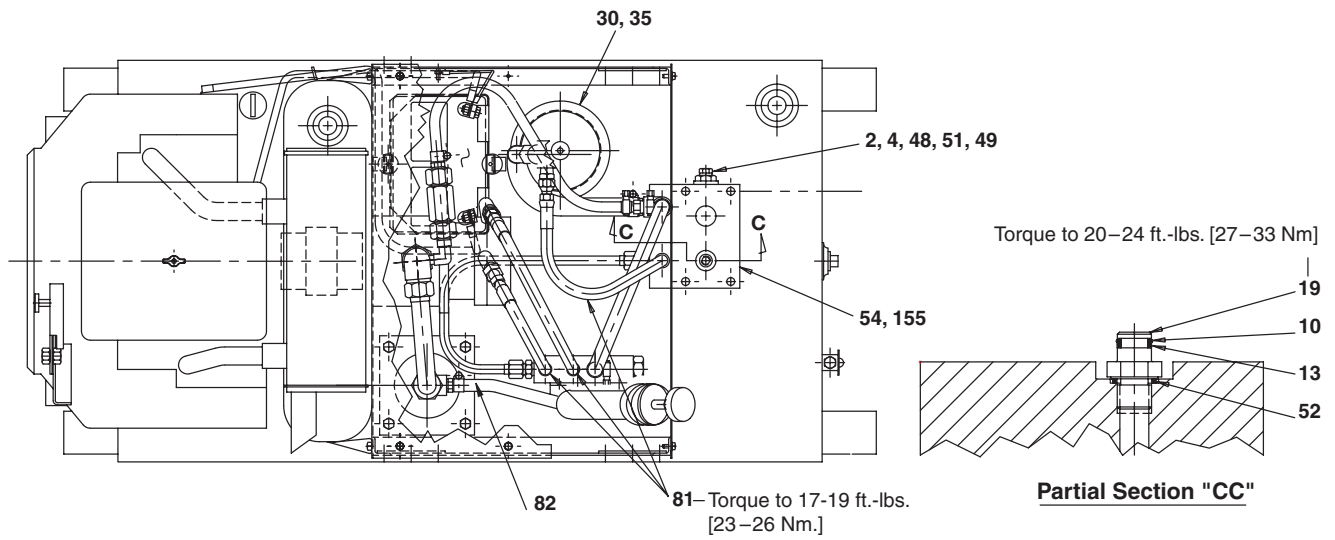


Figure 2, Top View

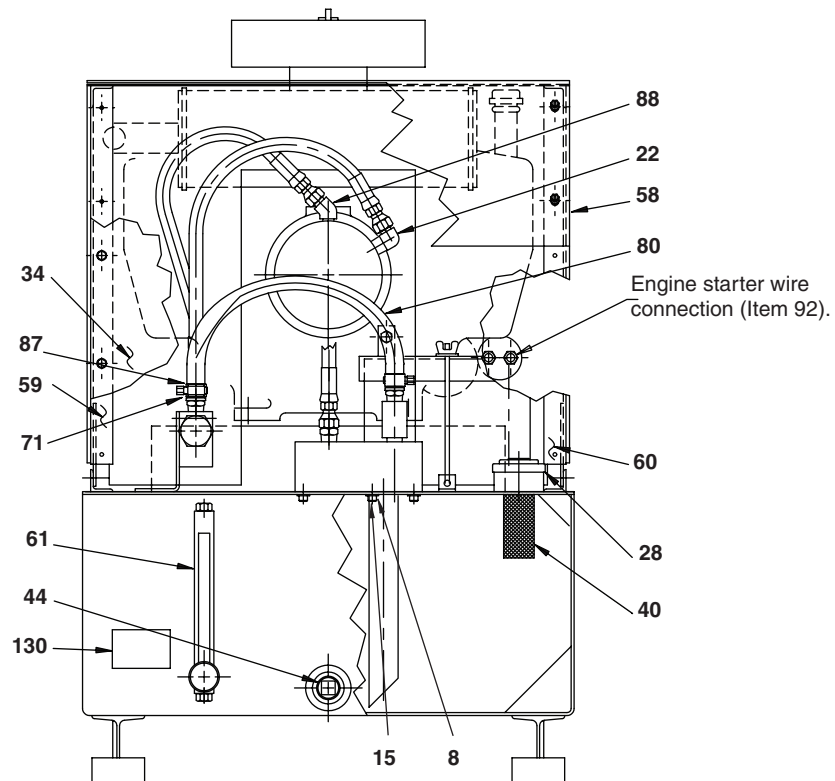


Figure 3, Front View

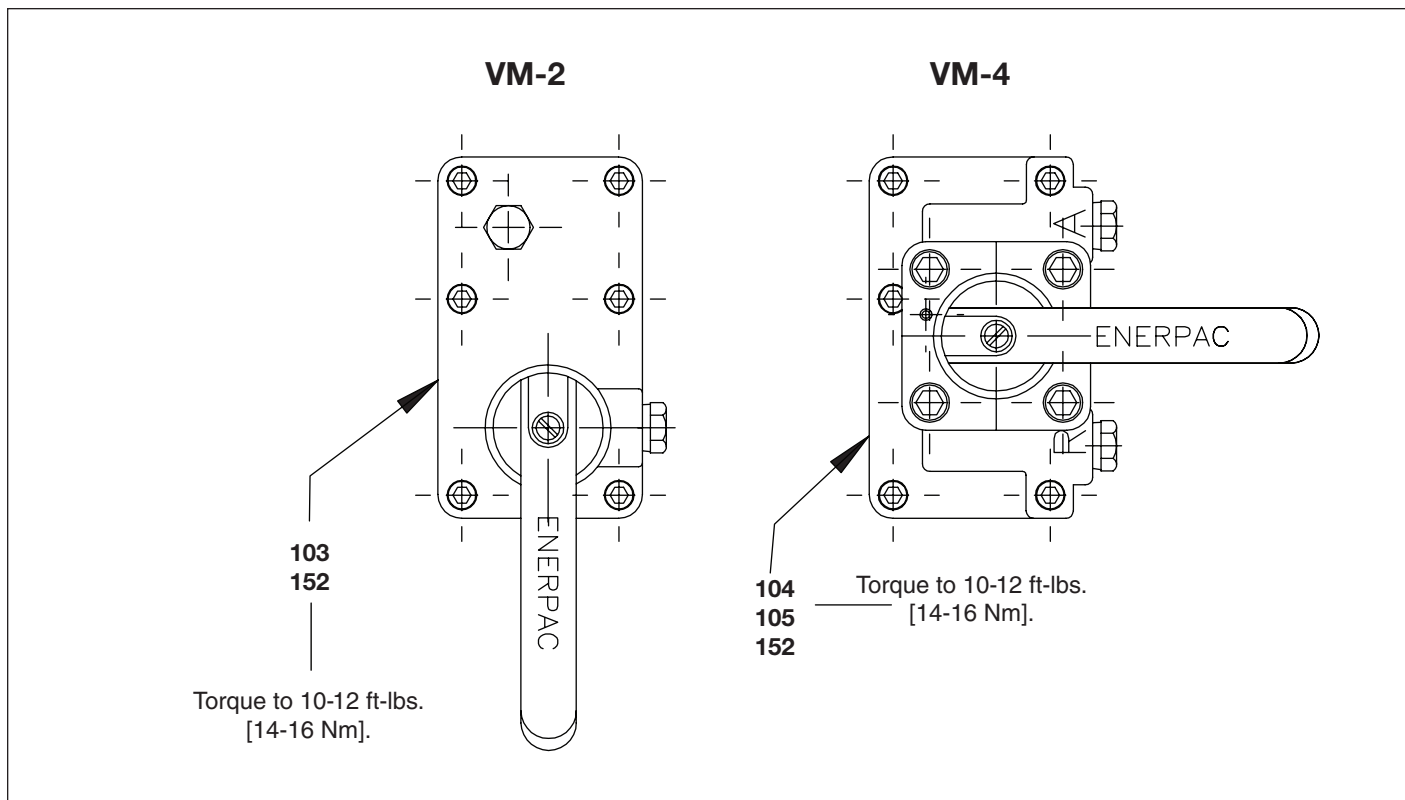


Figure 4, Manual Valve

Repair Parts List for Figure 2, 3 and 4							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
2	P181190W	1	Relief Assembly	58	DA12318134	2	Side Panel
4	B159167	1	Gasket	59	Y791001	1	Frame Left
8	B1002066	6	Lock Washer	60	Y792001	1	Frame Right
10	B1007503	1	O-Ring	61	Y818023	1	Gauge
13	B1012564	1	Back-up	71	C724034	4	Coupling
15	B1035046	6	Screw	80	CU285646	2	Hose
19	C649270	1	Connector	81	DA5936646	3	Hose Assembly
22	CA200096	1	Male Elbow	82	CU283268	1	Tube Assembly
28	F278020	1	Cap	87	CB40299	4	Hose Clamp
30	F285098	1	Hole Cover	88	CU234096	1	45° Male Elbow
34	F646134	1	Front Panel	103	B1351028	6	Socket Head Capscrews (.312-18 x 1.25)
35	F657167	1	Cover Gasket	104	B1351028	3	Socket Head Capscrews (.312-18 x 1.25)
40	F799018	1	Oil Filter Screen	105	B1359028	2	Socket Head Capscrews (.312-18 x 2.25)
44	L788006	1	Pipe Plug	130	CJ375026	1	Caution Decal
48	P18247	1	Gasket	152	CH272026	1	Caution Decal
49	P182272-1	1	Cover Plug	155	F786167	1	Gasket
51	R515245-2	1	Plug				
52	S15167	1	Gasket				
54	Y763950	1	Base Assembly				

Figure 5, Side View

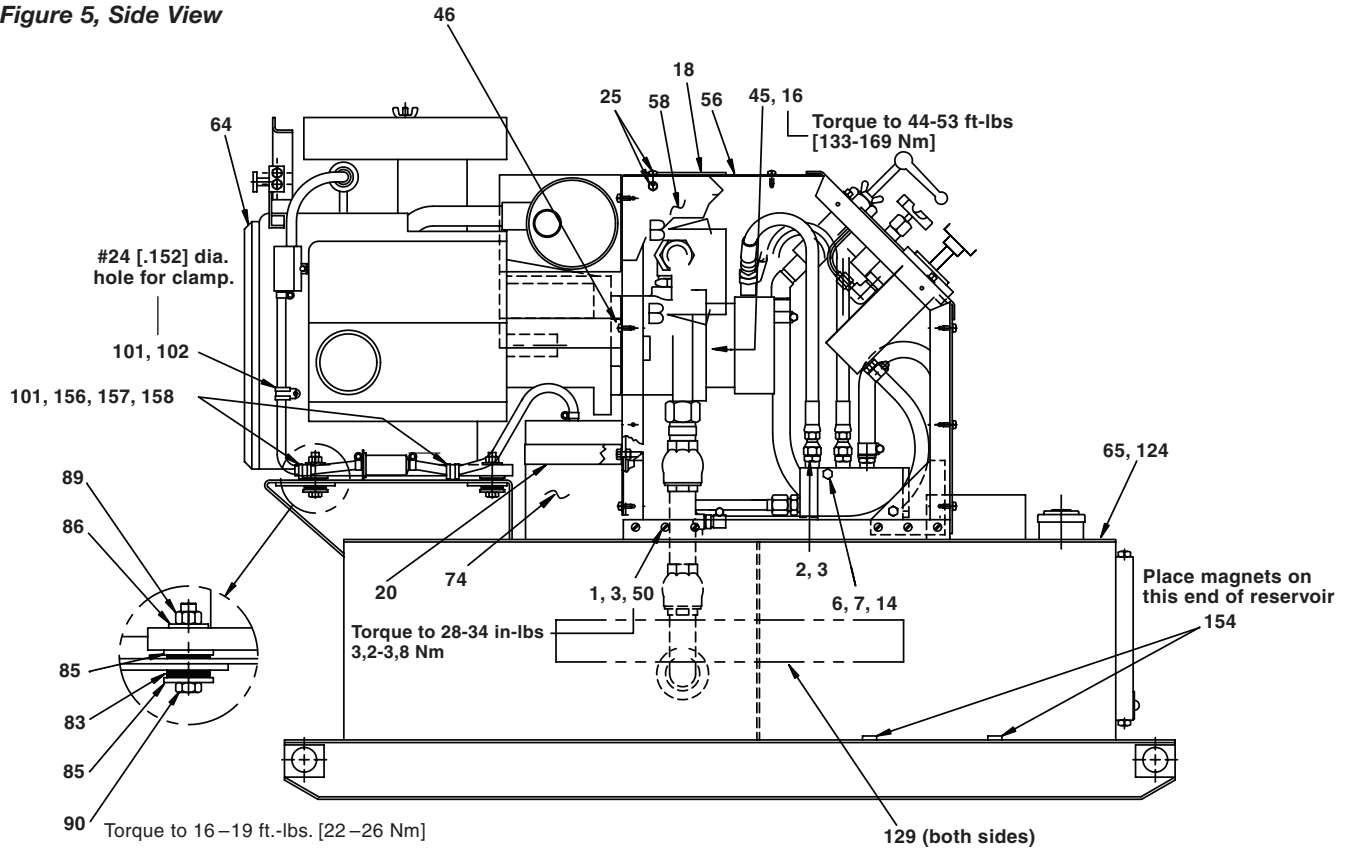
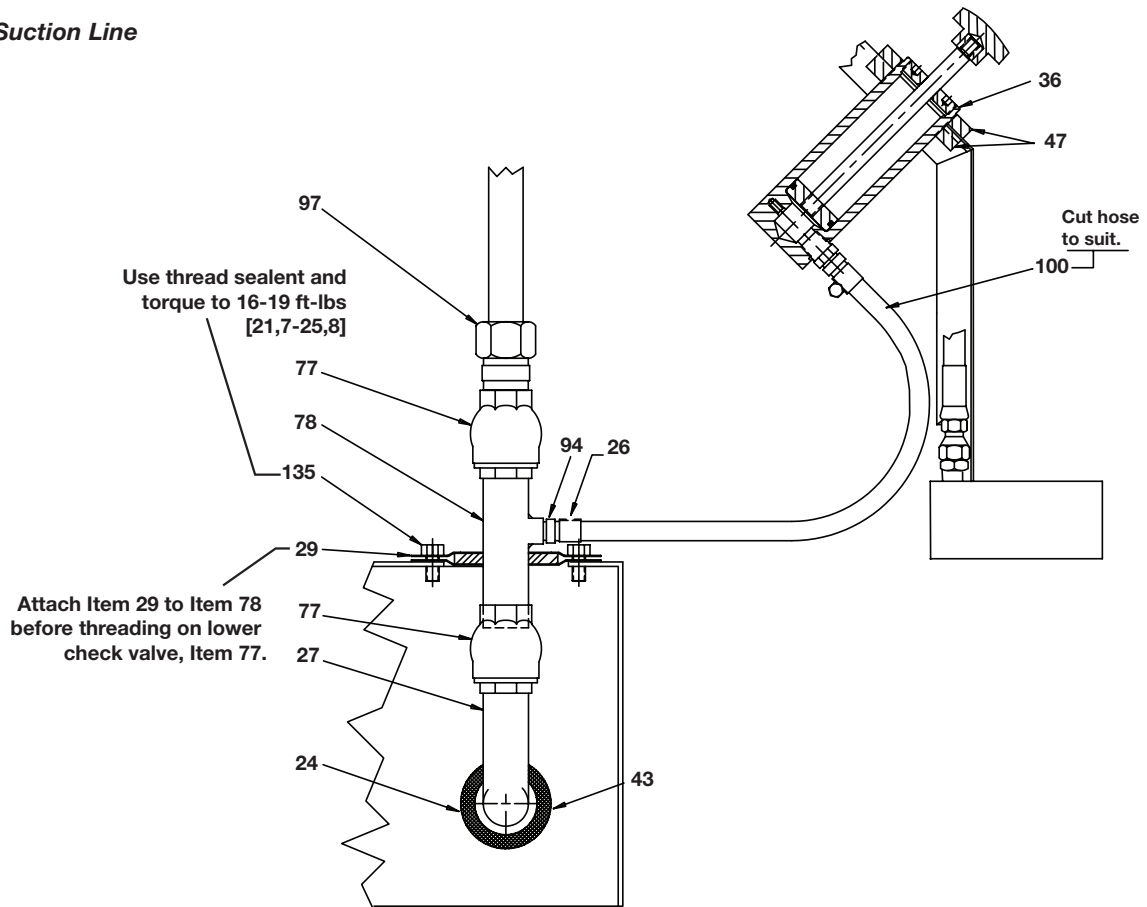


Figure 6, Suction Line



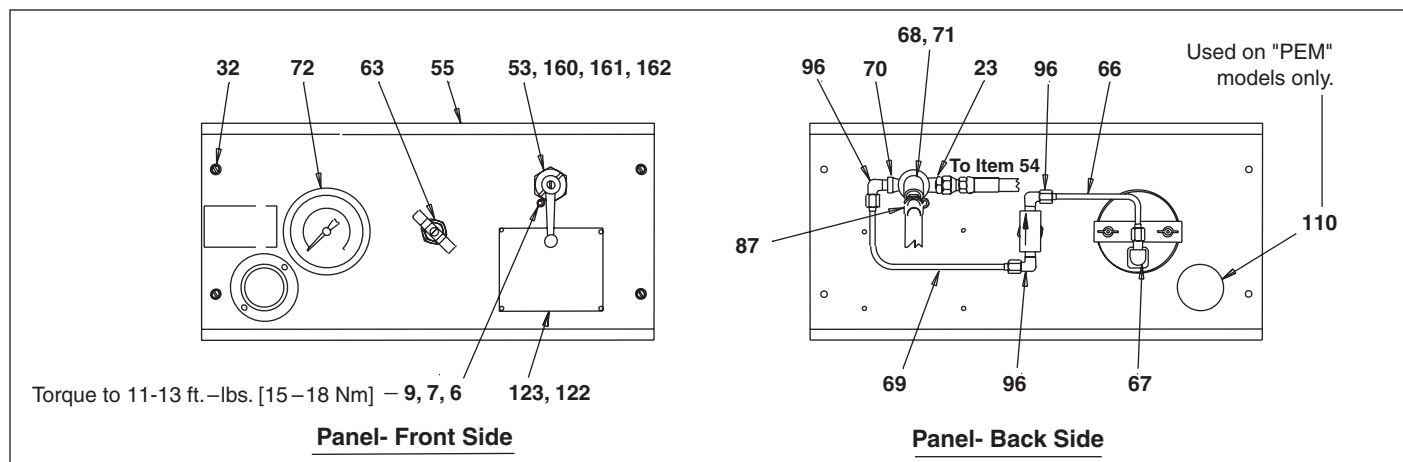


Figure 7, Control Panel

Repair Parts List for Figure 5, 6 and 7							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	B1018121	12	Hex Nut	71	C724034	4	Coupling
3	B1080066X	12	Washer	72	CR792023	1	Gauge 4"
6	B1001066	2	.25 Lock Washer	74	CU486025	1	Gas Tank
7	B1001120	2	Nut	76	CU486025	1	Gas Tank
14	B1017046	2	Screw	77	CU546101	2	Check Valve
16	B1139028	2	.50-13 x 1.25	78	DA5103900	1	Pipe
18	F735885	1	Seal Kit	83	CU290885	4	Isolation Mount
20	CA6017	1	Strap	85	CU289108	8	Tail Washer
23	CA945096	4	Connector	86	B1028108	4	Washer
24	CF767900	1	Connector Assembly	87	CB40299	4	Hose Clamp
25	CB558028	38	Screw	89	B1005120	4	Hex Nut
26	CB949299	4	Clamp	90	B1087046	4	Cap Screw
27	DA5104900	1	Pipe	94	CU652225	4	Barbed Insert
29	DA4958004	1	Suction Kit	96	C332291	3	Fitting
32	F423028	4	Screw	97	L767096	1	M Connector
36	DA5107900	1	Priming Pump Assy	100	DA5189646	2	Hose
43	L747018	1	Filter	101	DA5434299	3	Clamp
45	L680900	1	Pump Assembly	102	CB5580028	1	Screw
46	M393034	1	Coupler	110	DA5354009	1	Snap-In Seal
47	DA4956021	2	Nut	122	Y697003	4	Rivet
50	P182252	12	Screw	123	CN615026	1	Nameplate Electric Pumps
53	V152	1	Valve Assembly	129	CL537026	2	Decal
55	Y786134	1	Instruction Panel	135	F279004	1	Suction Kit
56	Y787134	1	Rear Panel	154	C187018	6	Magnet
58	DA12318134	2	Side Panel	156	B1323028	2	Socket Head Srew
64	DC6027259	1	Gasoline Engine	157	B101721	2	Hex Nut
63	Y908950	1	Gauge Sheet Valve	158	B106466	2	Lock Washer
64	DC60272259	1	Gasoline Engine	160	P45138	1	Screw
65	CU372900	1	Reservoir Assembly	161	P45139	1	Washer
66	CU279268	1	Tube Assembly	162	P6012	1	Lever
67	CH304096	1	Elbow	157	B1017121	1	Hex Nut
68	CU235096	1	45° Street Elbow	158	B1064066	2	Lock Washer
70	CJ657032	1	Reducer Bushing				

◆ Note 1: Starter Settings, 230 Volt-34, 460 Volt-22, 575 Volts-12. For all other voltage please call customer service.

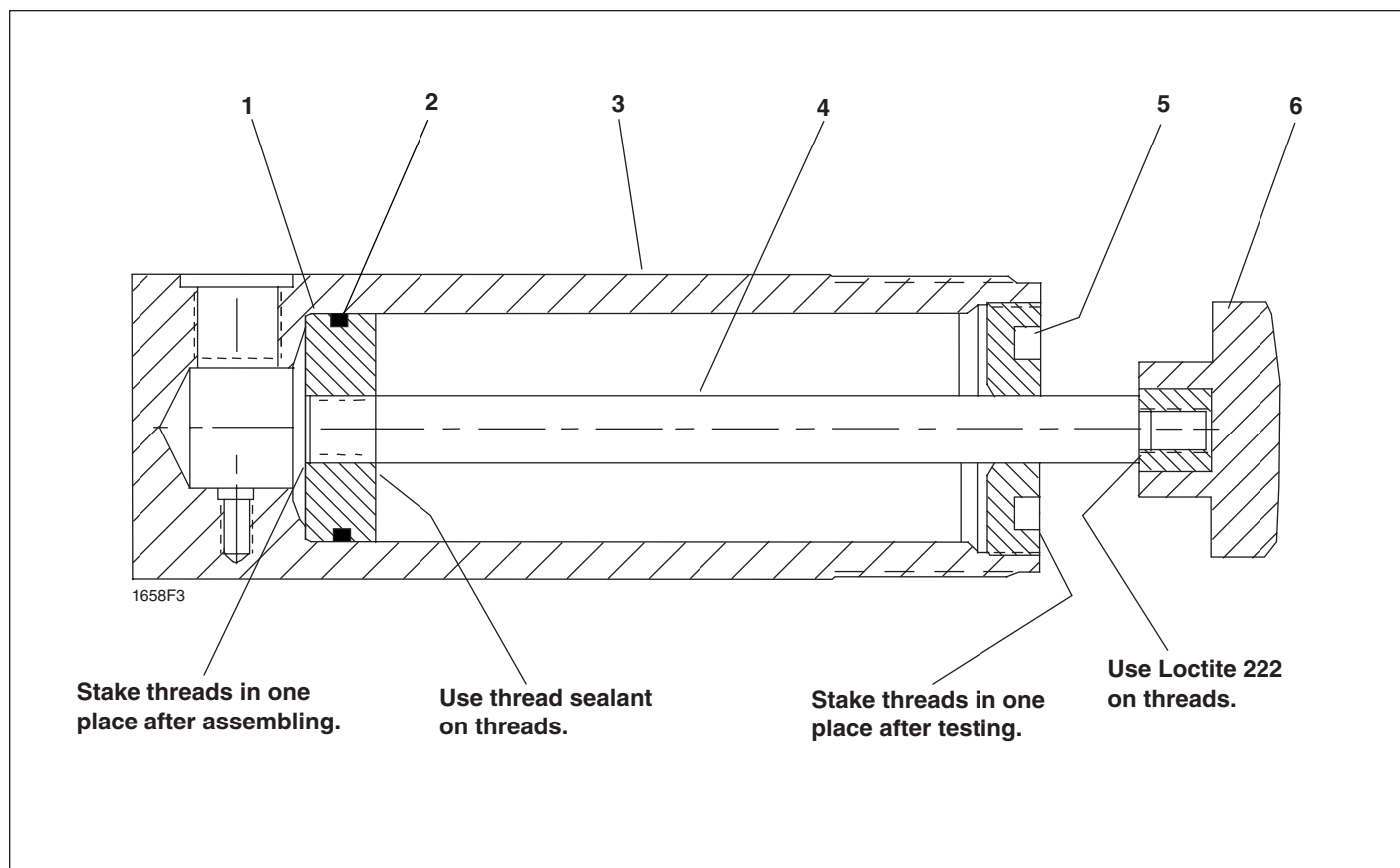


Figure 8, DA5107900SR Priming Pump Assembly

Repair Parts List for Figure 8			
Item	Part Number	Qty.	Description
1	DA4959.051	1	Piston
2	B1026.503	1	O-Ring
3	CB424.030	1	Base
4	DA4954.107	1	Rod
5	DA4955.044	1	Stop Ring
6	DA4953.147	1	Knob

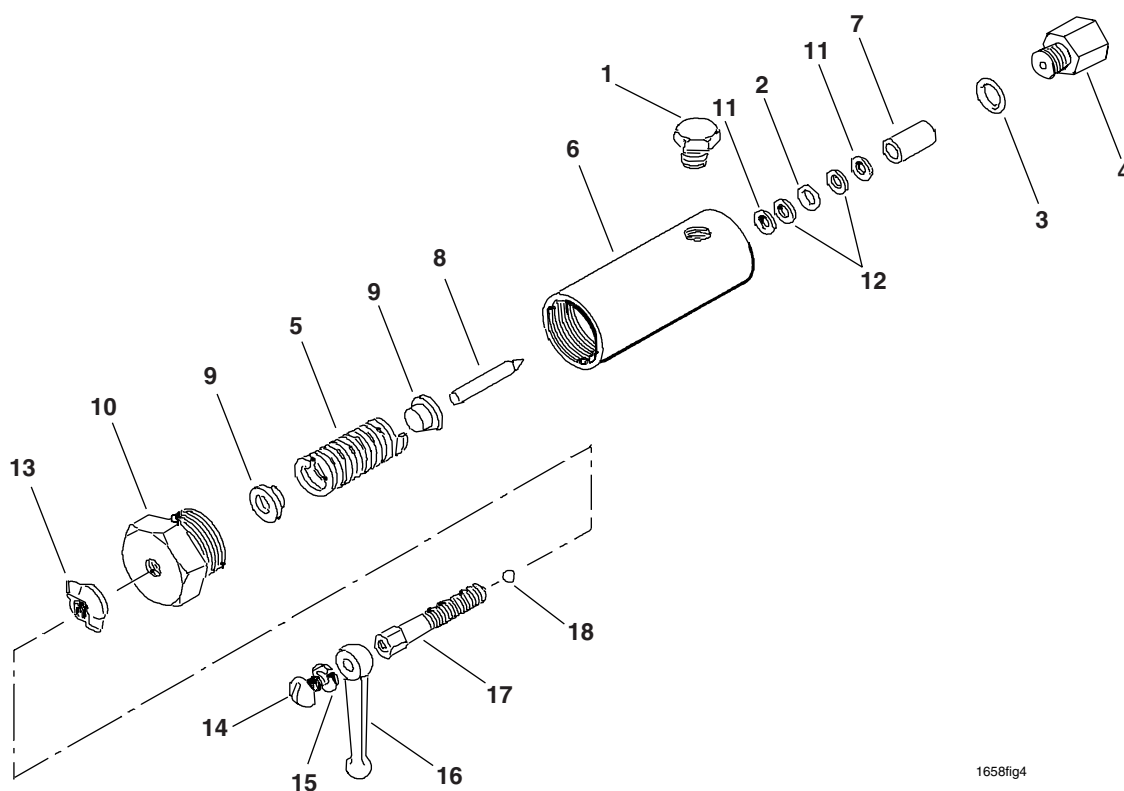


Figure 9, V152

Repair Parts List for Figure 9

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	R515245-2	1	Pipe Plug	10	CB955006	1	Plug
2	★B1006503	1	O-Ring	11	★CB956186	2	Spacer
3	★B1220503	1	O-Ring	12	★CB957564	2	Back-Up Ring
4	DA2949290	1	Seat	13	F85021	1	Wing Nut
5	CB470110	1	Spring	14	P45138	1	Screw
6	CB951190	1	Valve Body	15	P45139	1	Lockwasher
7	CB952013	1	Piston Guide	16	P6012	1	Lever
8	CB953051	1	Piston	17	Y200010	1	Spindle
9	CB954013	2	Spring Guide	18	★B1005016	1	Ball

★ Indicates Items Included in, and Available Only as Part of Repair Kit V152K.

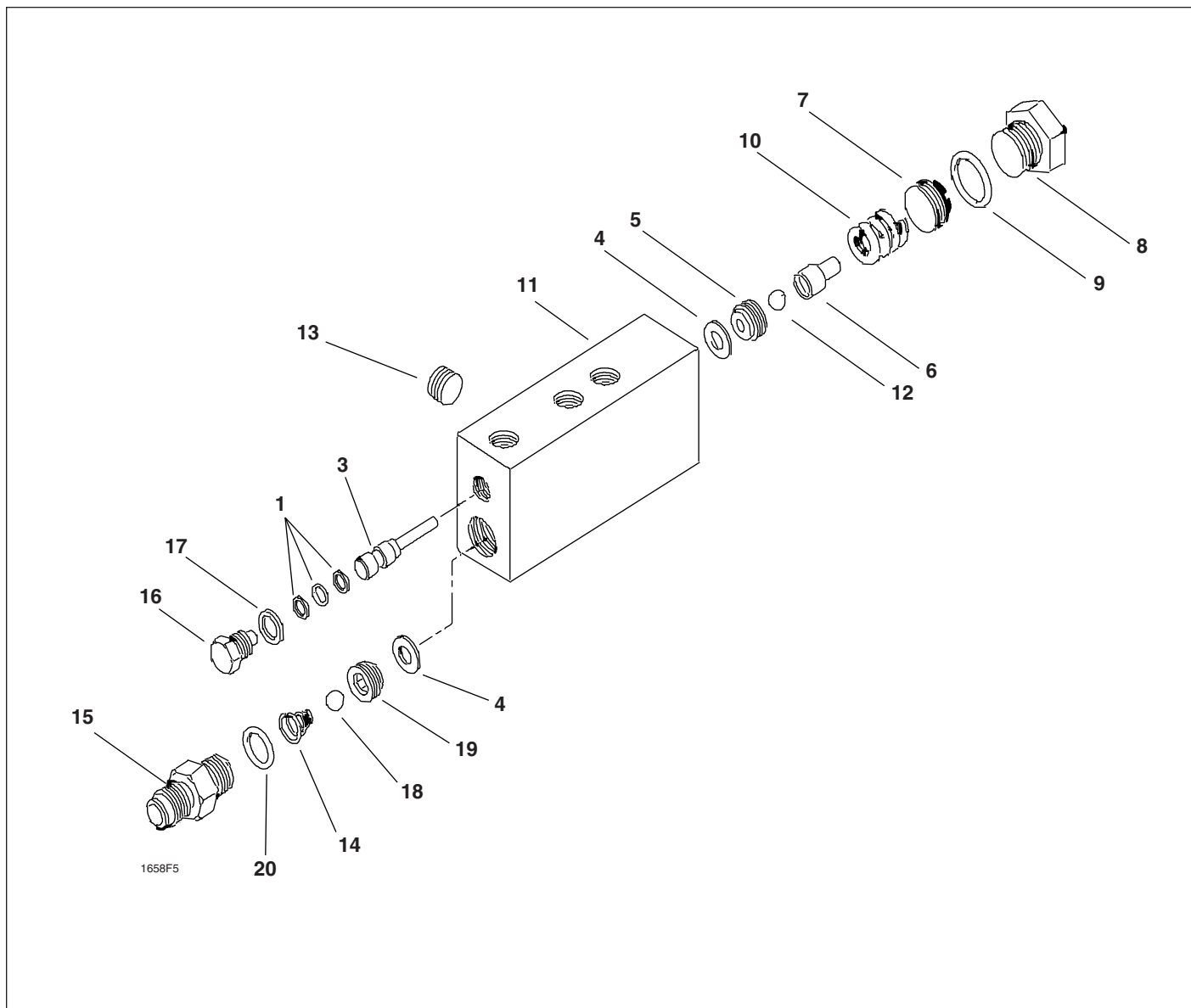
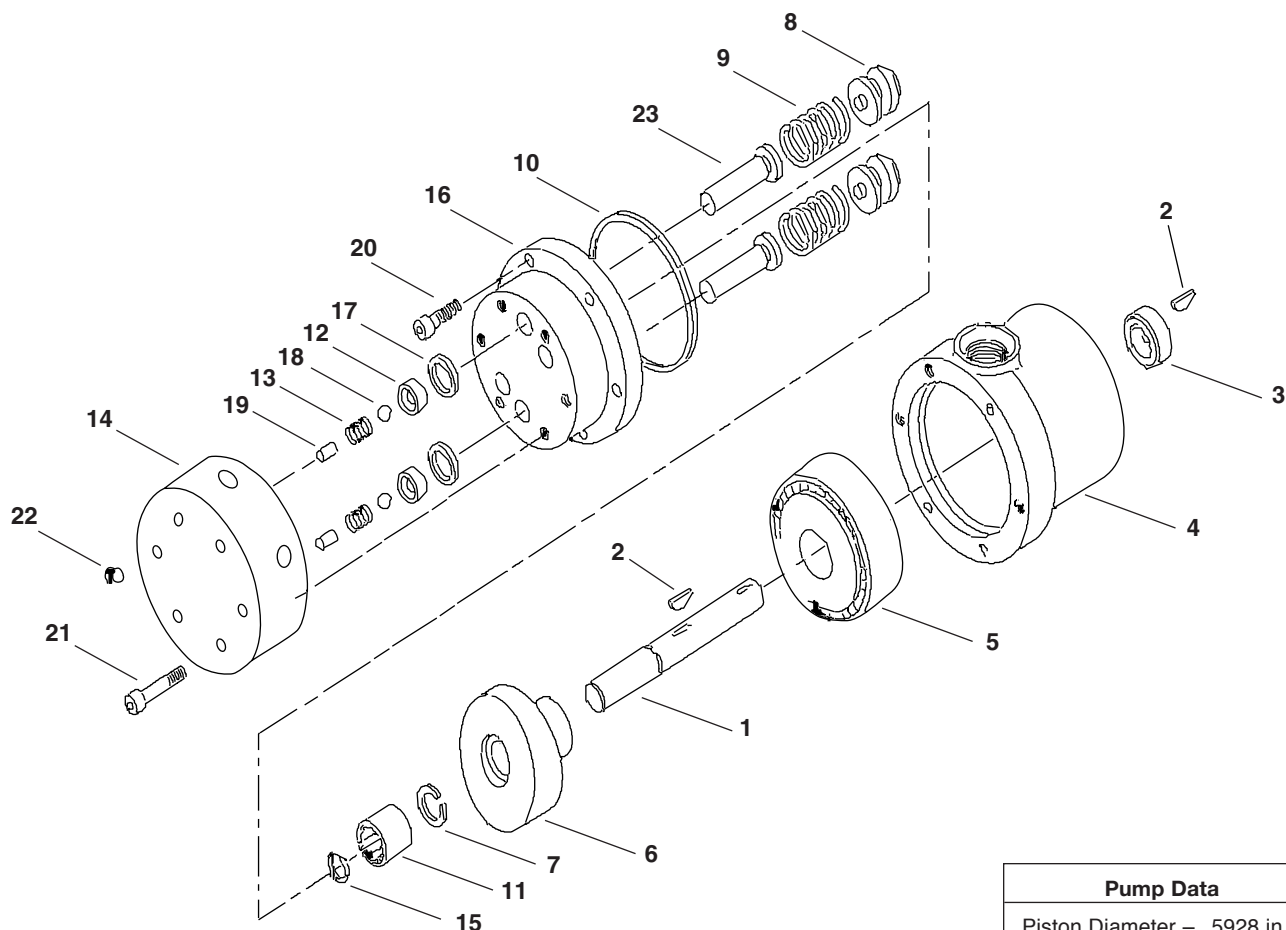


Figure 10, CF680900W By-pass Valve

Repair Parts List for Figure 10								
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description
1	DA3418367	2	Back-Up Ring		11	CF677190	1	Valve Body
2	B1005503	1	Seal		12	B1011016	1	3/8" Ball
3	CL580040	1	Plunger		13	A1009245	1	Plug
4	Y932167	2	Gasket		14	Y926110	1	Spring
5	CU309290	1	Seat		15	CU287096	1	Fitting
6	CU310160	1	Plug		16	CL399900	1	Valve Plug Assembly
7	DA3825027	1	Adjusting Screw		17	B159167	1	Gasket
8	CF797096	1	Plug		18	B1013016	1	7/16" Ball
9	Y219167	1	Gasket		19	Y924290	1	Seat
10	CU315110	1	Spring		20	B1908503	1	O-Ring



Pump Data	
Piston Diameter –	.5928 in.
Piston Area –	.2760 in. ²
Piston Stroke –	.2759 in.

Figure 11, L930900 Pump Assembly

Repair Parts List for Figure 11

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	B9002288	1	Shaft	13	★ A1033110	4	Outlet Spring
2	A9001408	2	Key	14	L926098	1	Pump Cover
3	L675001	1	Pump Housing	15	A9001562	1	Thrust Washer
4	A9002155	1	Tapered Bearing	16	C9003050	1	Barrel
5	L677101	1	Wobble Plate	17	B1211803	4	O-ring
6	★ A9001049	1	Retaining Ring	18	★ B1011016	4	O-ring
7	★ A9001476	1	Oil Seal	19	A9000061	4	Ball Stop
8	P237418	6	Retainer Spring	20	B1069028	6	Capscrew
9	P237170-2	6	Piston Return Spring	21	B1073028	6	Capscrew
10	★ B1109503	1	O-ring	22	A1007245	1	Pipe Plug
11	A9003155	1	Needle Bearing	23	A9001900	6	Piston Assembly
12	A9000290	4	Seat				

★ Items included in and available only as part of Repair Kit L903K.

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