

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.

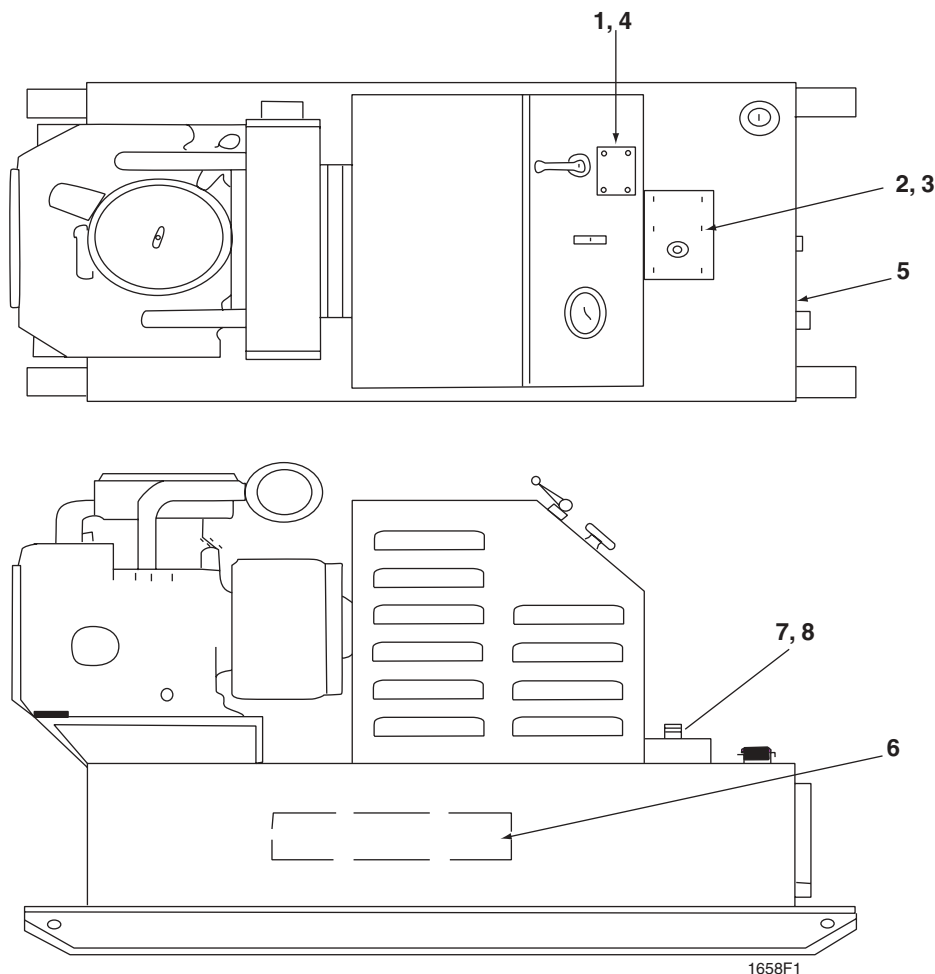
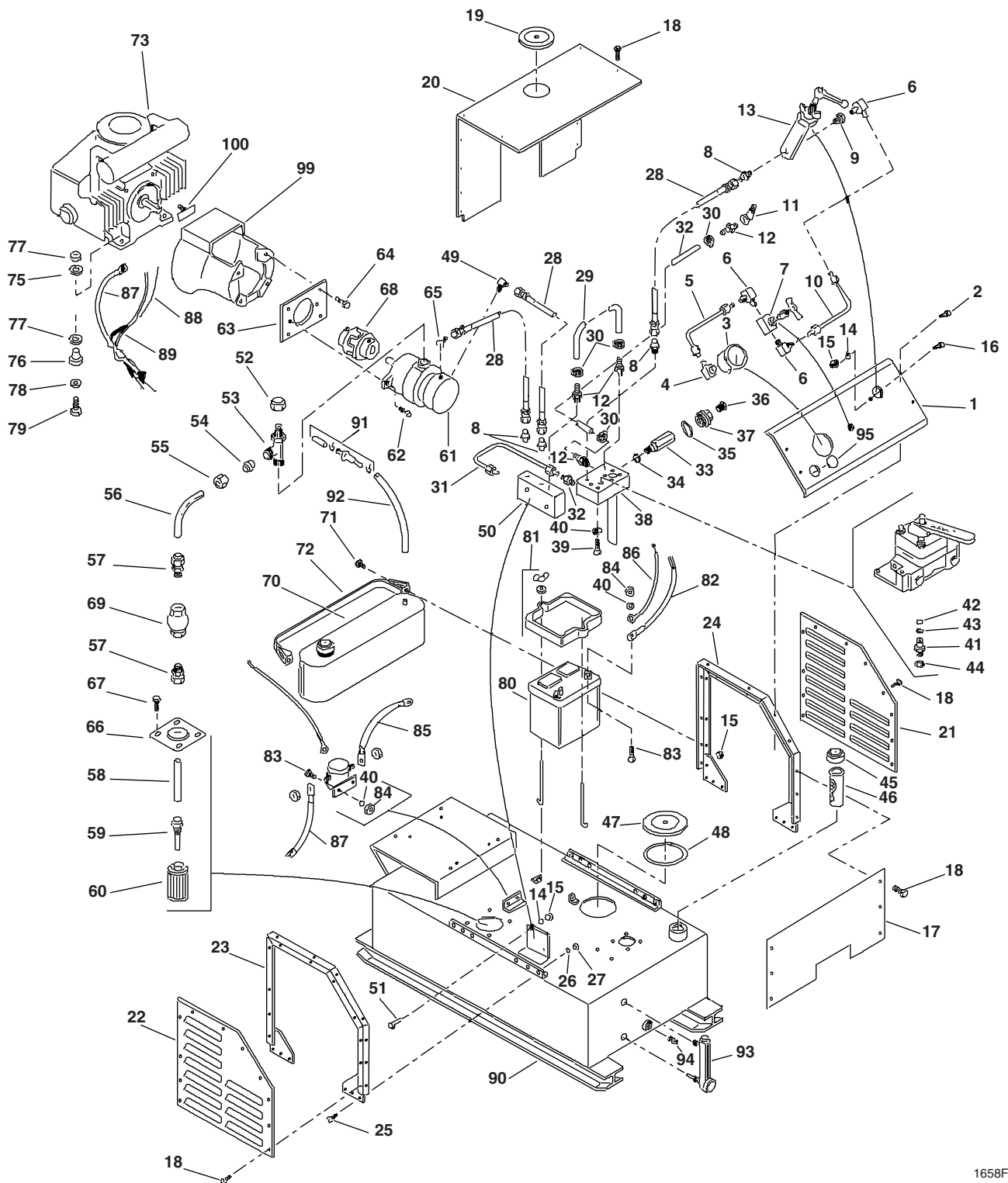


Figure 1

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.



1658F2

Figure 2, Pump Assembly

Repair Parts List for Figure 2

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	Y786134	1	Instrument Panel	51	B1017046	2	Screw
2	F423028	4	Screw	52	DA5106093	1	Tube Elbow
3	CR792023	1	Gauge	53	F100095-8	1	Elbow
4	CH304096	1	Elbow	54	DA5108167	1	Gasket
5	CU279268	1	Tube Assembly	55	DA5110689	1	Guard
6	C332291	3	Fitting	56	DA5105268	1	Curved Suction Tube
7	Y908950	1	Shut-Off Valve	57	L767096	1	Connector
8	CA945096	4	Connector	58	DA5103900	1	Pipe Weldment
9	CJ657032	2	Reducer Bushing	59	DA5104900	1	Pipe Weldment
10	CU280268	1	Tube Assembly	60	L747018	1	Filter
11	CU235096	1	45° Elbow	61	L930900	1	Pump Assembly
12	C724034	4	Coupling	62	B1139028	2	Screw
13	V-152	1	Relief Valve Assembly	63	C187018	6	Magnet (in reservoir)
14	B1001066	3	Washer	64	DA4956021	2	Nut
15	B1001120	5	Nut	65	CU234096	1	45° Elbow
16	B1003028	1	Capscrew	66	DA4958004	1	Suction Kit
17	F646134	1	Front Panel	67	B1037046	4	Screw
18	CB558028	39	Capscrew	68	DA6082900	1	Flexible Coupling
19	F735885	1	Hole Seal Kit	69	CU546101	2	Check Valve
20	Y787134	1	Rear Panel	70	CU486025	1	Fuel Tank
21	Y788134	1	Side Panel, Right	71	B1009046	2	Screw
22	Y789134	1	Side Panel, Left	72	CA6017	1	Strap
23	Y791001	1	Frame, Left	73	DA4927259	1	Gasoline Engine
24	Y792001	1	Frame, Right	74	B1005120	4	Nut
25	P182252	12	Machine Screw	75	B1028108	4	Washer
26	AJ100299	12	Flat Washer	76	CU290885	4	Isolation Mount
27	A8016021	12	Nut	77	CU288108	4	Head Washer
28	DA5936.646	3	Tube Assembly	78	CU289108	4	Tail Washer
29	CU285646	2	Hose	79	B1085046	4	Capscrew
30	CB40299	4	Hose Clamp	80	CU100377	1	Battery
31	CU283268	1	Tube Assembly	81	CU101885	1	Battery Mtg. Kit
32	CA766096	1	Connector	82	CU563450	1	Battery Cable, Black
33	A8375900	1	Relief Valve Assembly	83	B1039046	2	Capscrew
34	B159167	1	Gasket	84	B1003120	2	Nut
35	P18247	1	Gasket	85	CB949299	8	Clamp
36	R515245-2	1	Plug	86	CU966900	1	Wire Assembly
37	P182272-1	1	Cover Plug	87	DA4957647	1	Battery Cable, Red
38	Y763950	1	Base Assembly	88	DA5107900	1	Priming Pump Ass'y
39	B1035046	6	Screw	89	DA5189646	2	Hose
40	B1002066	8	Lockwasher	90	CU372900	1	Reservoir
41	C649270	1	Connector	91	F418018	1	Fuel Filter
42	B1007503	1	O-Ring	92	F429646	1	Fuel Hose
43	B1012564	1	Back-Up Washer	93	Y818.023	1	Sight Gauge
44	S15167	1	Gasket	94	L788006	1	Magnetic Plug
45	F278020	1	Fill Cap	95	F100095-37	1	Street Tee
46	F799018	1	Filter Screen	96	V-17	1	Check Valve
47	F285098	1	Cover	97	CU652225	4	Hose Fitting
48	F657167	1	Cover Gasket	98	EHC2001048	1	Wire Tie (not shown)
49	CA200096	1	Male Elbow	99	DC1278038	1	Engine Adaptor
50	CU316900	1	By-Pass Valve	100	B1073028	4	Screw

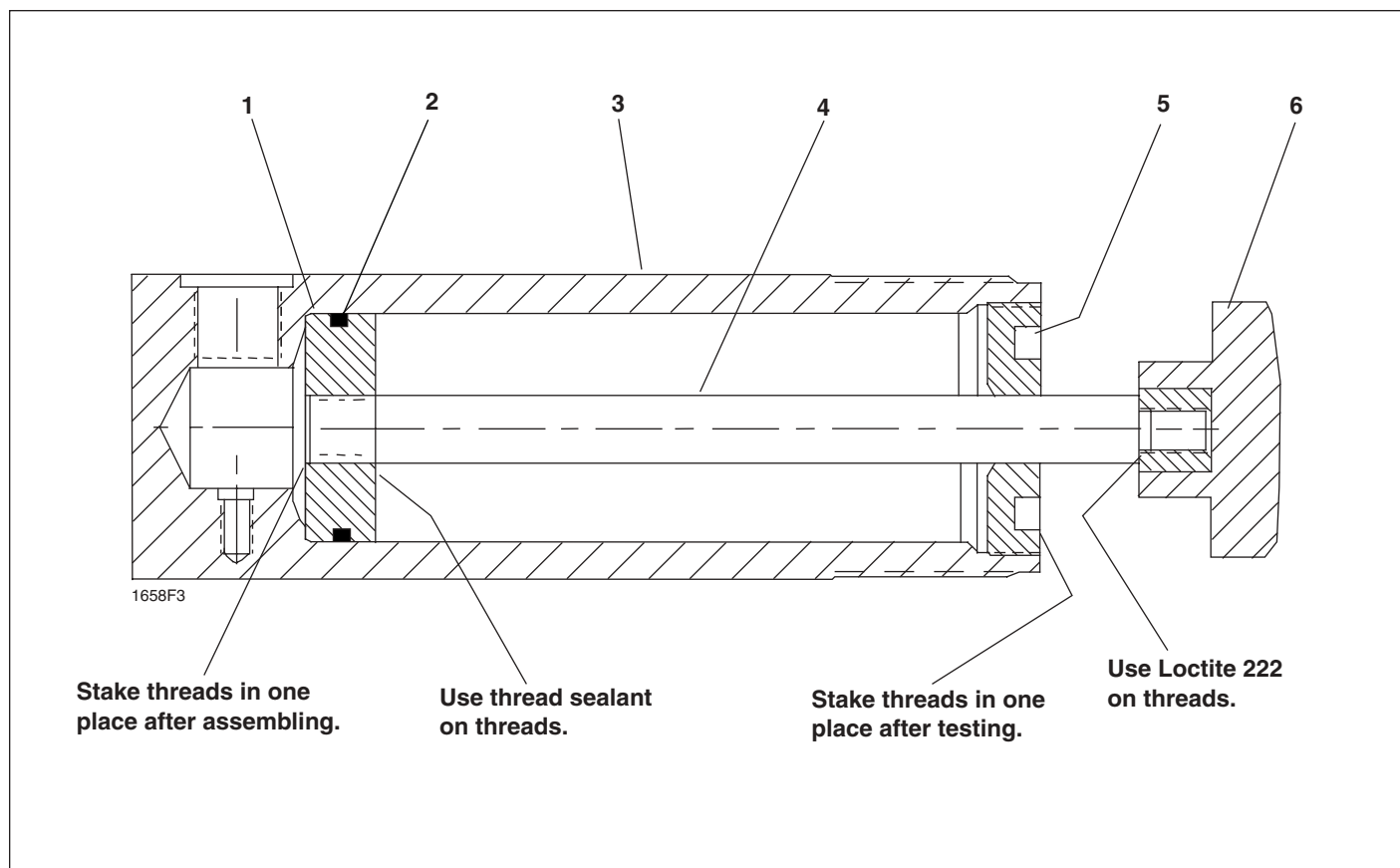
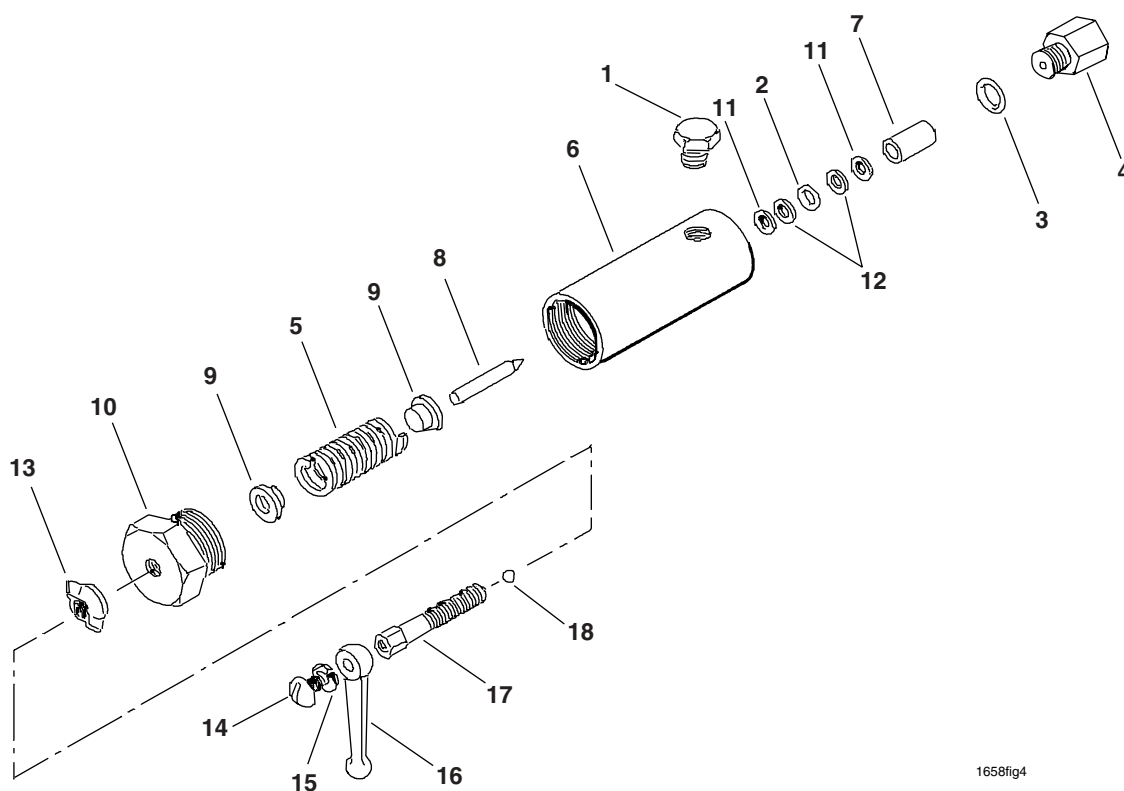


Figure 3, Priming Pump Assembly

Repair Parts List for Figure 3			
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



1658fig4

Figure 4, V152

Repair Parts List for Figure 4

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				

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

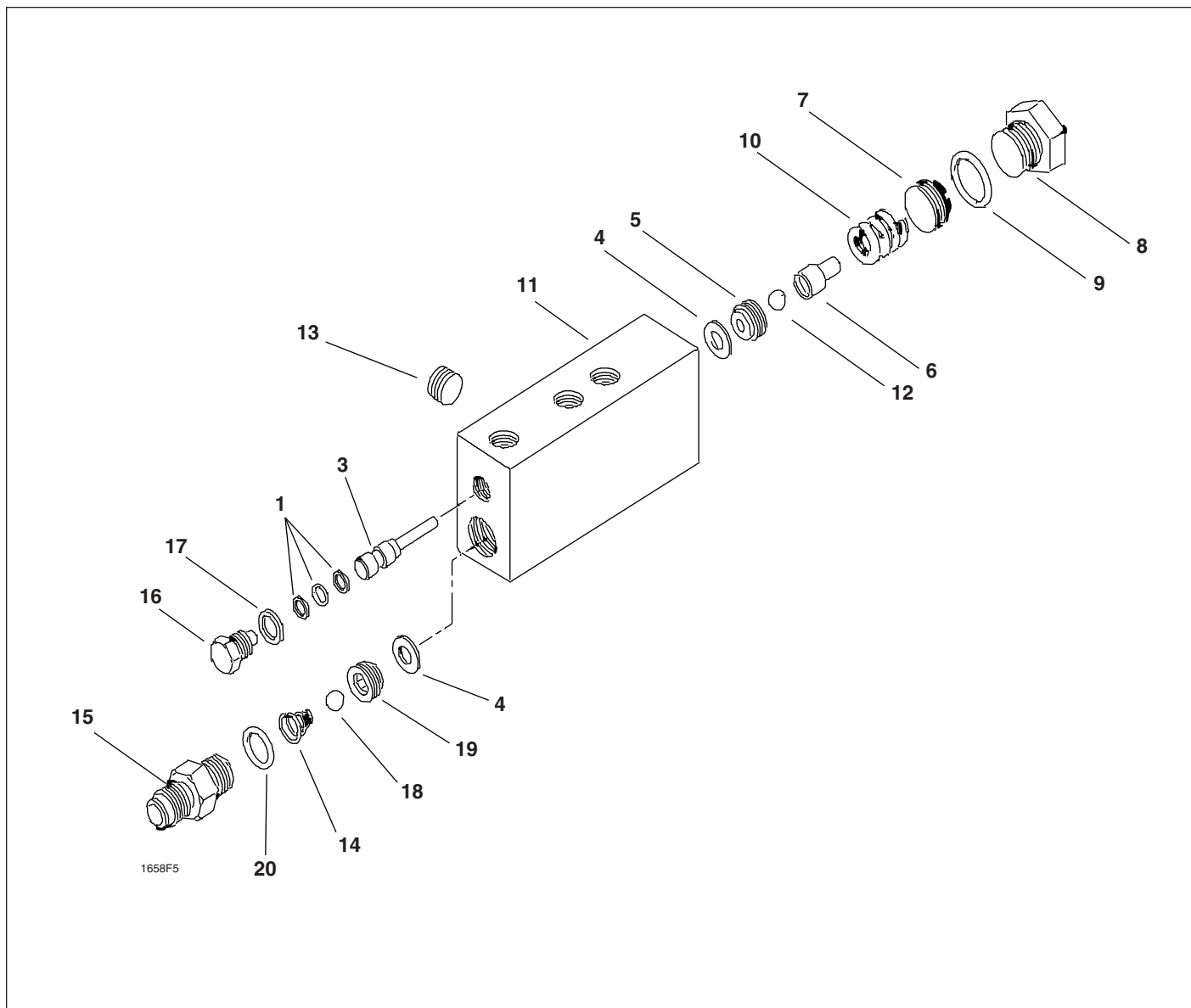
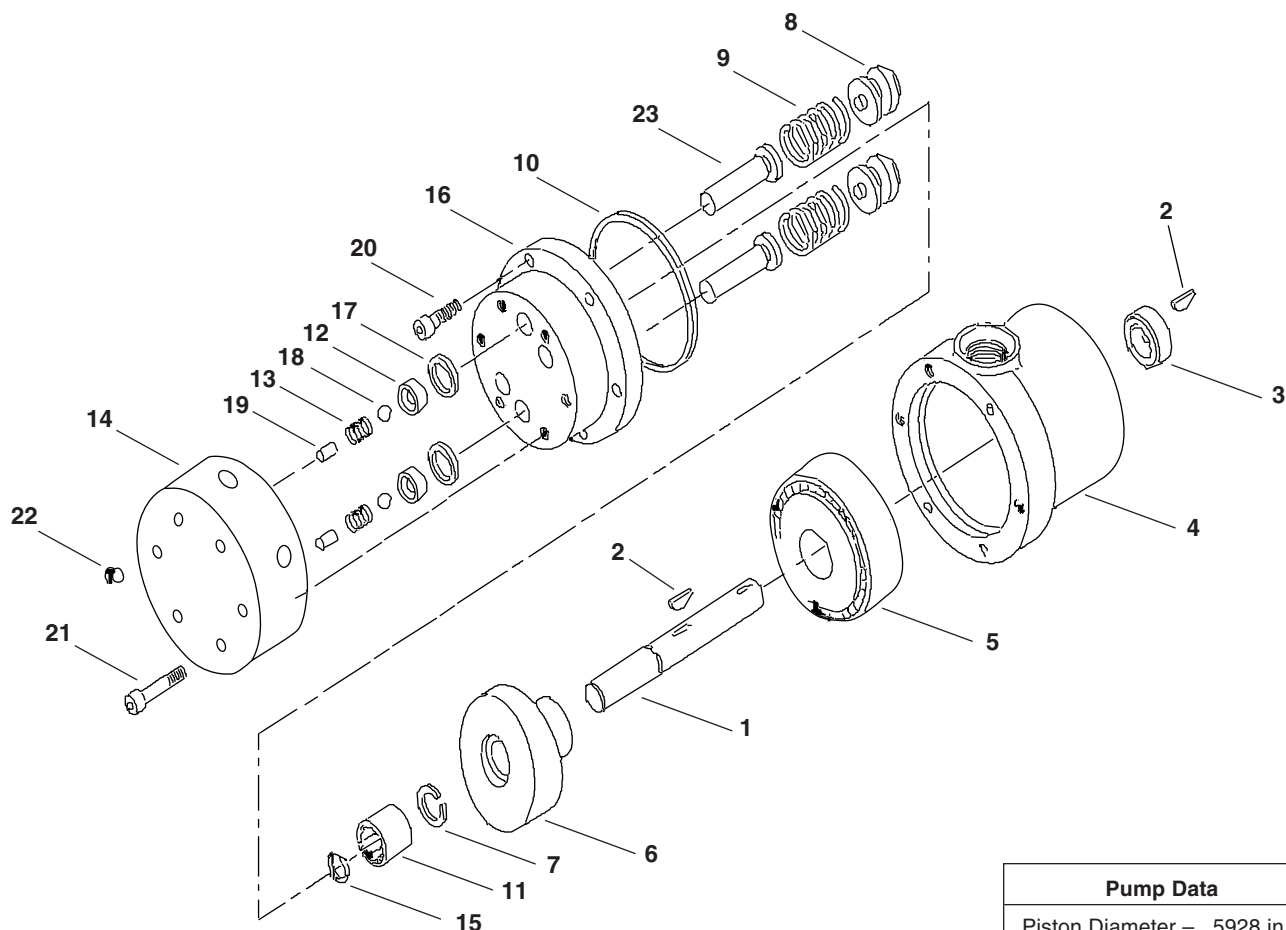


Figure 5, CU316900 By-pass Valve

Repair Parts List for Figure 5							
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 6, L930900 Pump Assembly

Repair Parts List for Figure 6							
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.

Australia

ENERPAC, Applied Power Australia Ltd.
Block V Unit 3,
Regents Park Estate,
391 Park Road
Regents Park NSW 2143
(P.O. Box 261) Australia
Tel: +61 297 438 988
Fax: +61 297 438 648

China

Shanghai Blackhawk
Machinery Co Ltd
15H Jinxuan Building
238 Nandan Road (E)
Shanghai, 200030, China
Tel: +86 21 6469 8732
Fax: +86 21 6469 8721

France, Greece, Turkey, Middle East, Africa

ENERPAC S.A.
B.P. 200, Parc d'Activités
du Moulin de Massy
F-91882 Massy CEDEX (Paris) France
Tel: +33 01 601 368 68
Fax: +33 01 692 037 50

Germany, Denmark, Scandinavia, Austria, Switzerland, Eastern Europe, CIS

ENERPAC
Applied Power GmbH
P.O. Box 300113
D-40401 Düsseldorf, Germany
Tel: +49 211 471 490
Fax: +49 211 471 49 28/40

Holland, Belgium, Luxembourg,

ENERPAC B.V.
Storkstraat 25
P.O. Box 269
3900 AG Veenendaal, Holland
Tel: +31 318 535 911
Fax: +31 318 535 848
+31 318 526 645

Hong Kong

ENERPAC
Room 907 Workingberg
Commercial Building
41-47 Marble Road,
North Point
Tel: +852-2561 6295
Fax: +852-2561 6772

India

ENERPAC
Hydraulic (India) Pvt Ltd
Plot No. A-571
MIDC, TTC Industrial Area
Mahape-400 701,
Navi Mumbai, India
Tel: +91 22 769 47 78
Fax: +91 22 769 84 73

Italy

ENERPAC Applied Power Italiana S.p.A.
Via Canova 4,
20094 Corsico (Milano)
Tel: +39 2 486 111 00
Fax: +39 2 486 012 88

Japan

Applied Power Japan Ltd.
10-17 Sasame Kita-Machi
Toda-Shi, Saitama #335, Japan
Tel: +81 048 421 2311
Fax: +81 048 421 8949

Mexico

ENERPAC Applied Power Mexico S.A. de C.V.
Avenida Principal,
La Paz #100
Fracc. Industrial La Paz
42084 Pachuca, Hidalgo
Tel: +52 771 337 00
Fax: +52 771 838 00

Singapore

Applied Power Asia Pte Ltd
No. 8, Ang Mo Kio Industrial Park 2
#01-00, Singapore 563500
Tel: (65) 484-5108
Fax: (65) 484-5669

South Korea

ENERPAC
Applied Power Korea Ltd.
163-12 Dodang-Dong, Choong-Ku,
Buchun-shi, Kyunggi-Do
Republic of Korea
Tel: +82 32 675 08 36
Fax: +82 32 675 30 02

Spain, Portugal

ENERPAC Applied Power International S.A.
A. Valgrande 14
Nave 12
28108 Alcobendas (Madrid), Spain
Tel: +34 91 661 11 25
Fax: +34 91 661 47 89

United Kingdom, Ireland

ENERPAC Limited
Unit 3 Colemeadow Road
North Moons Moat, Redditch
Worcester B98 9PB
United Kingdom
Tel: +44 01527 598 900
Fax: +44 01527 585 500

USA, Canada, Latin America and Caribbean

ENERPAC
6101 N. Baker Road
Milwaukee, WI 53209 USA
Tel: +1 414 781 66 00
Fax: +1 414 781 10 49

USA

User inquiries:
+1 800 433 2766
Distributor inquiries/orders:
+1 800 558 0530

Canada

User inquiries:
+1 800 426 4129
Distributor inquiries/orders:
+1 800 426 2284

Internet

www.enerpac.com

e-mail

info@enerpac.com

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