

Parts List for:

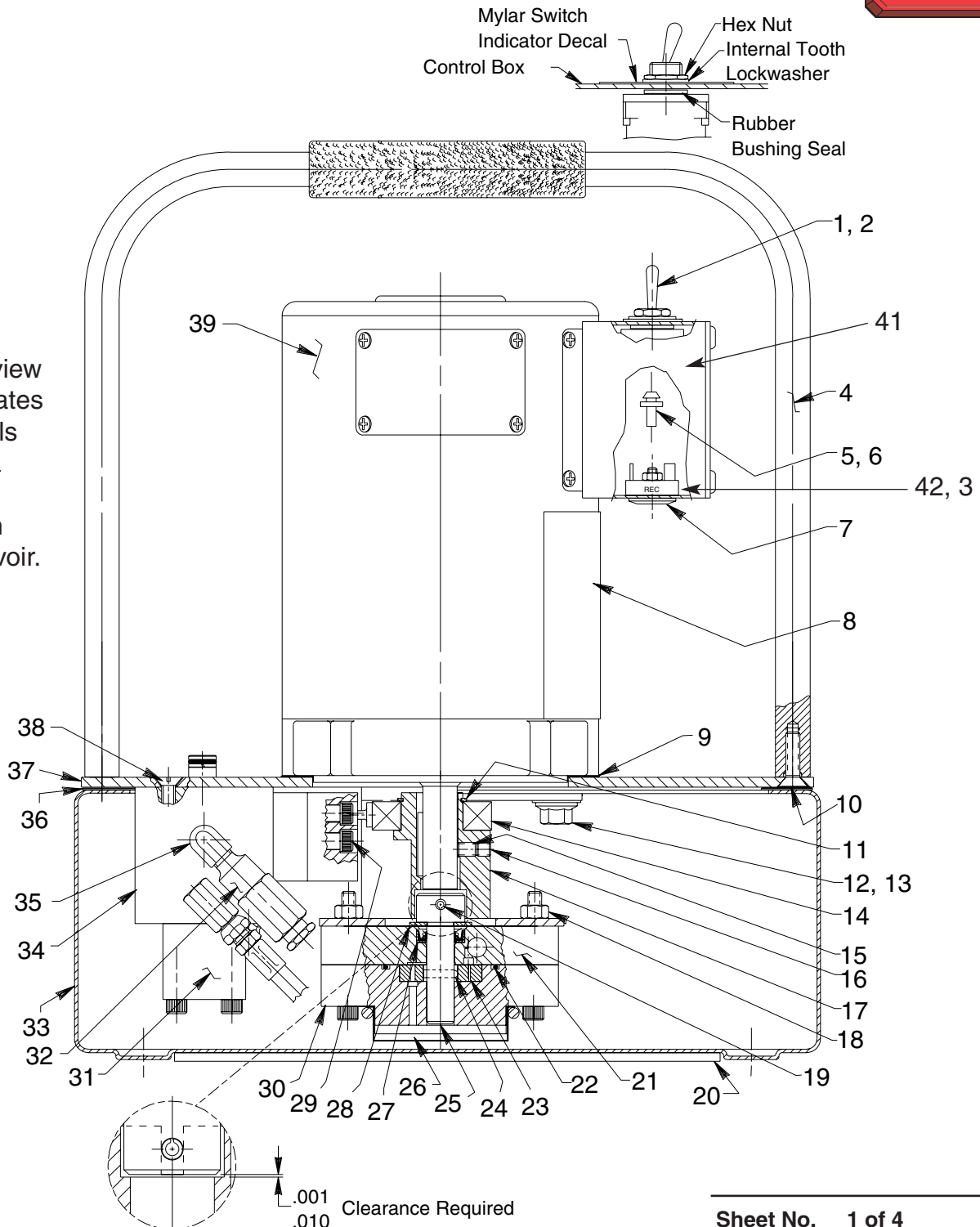
PE30-HOGEN	PE302-2-220	PE304
PE30-HOGEN-115	PE303	PE304-2
PE302	PE303-2	PE304-220
PE302-2	PE303-220	PE304-2-220
PE302-220	PE303-2-220	

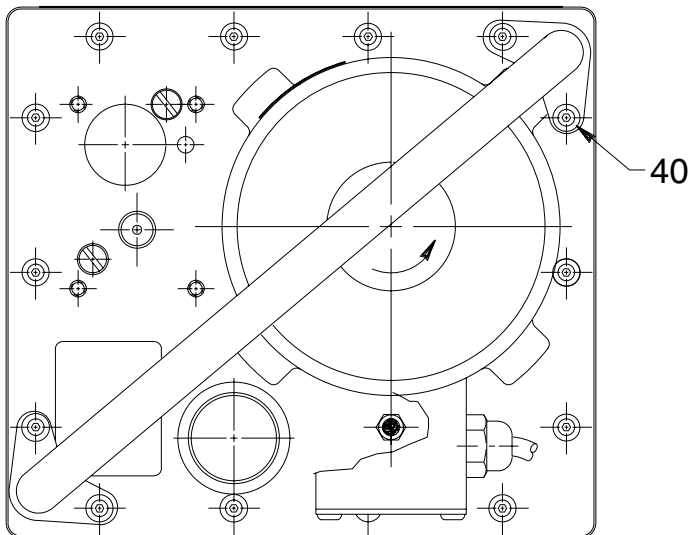
ELECTRIC HYDRAULIC PUMP

Max. Capacity: 10,000 PSI

To Parts
List

This view
illustrates
models
with a
1-3/4
gallon
reservoir.





This view illustrates the handle orientation, and its mounting, on models with a one gallon reservoir.

Item No.	Part No.	No. Req'd	Description
1	350980	1	Toggle Switch
2	25926	1	Decal
3	11010	1	Hex Nut (10-32)
4	64677BK2	1	Handle (For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
	64582BK2	1	Roll Cage Frame (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2 & PE304-2-220)
5	252288	1	Fuse (15 Amp; For 110/115 Volt units)
	250176	2	Fuse (6.25 Amp; For 220/230 Volt units)
6	16887	1	Fuse Holder (For 110/115 Volt units)
	16887	2	Fuse Holder (For 220/230 Volt units)
7	216669	1	Plug
8	200188	1	Decal
9	351060	1	Motor Base Gasket
10	11529	4	Cap Screw (1/4-20 UNC x 3/4 Lg.; Apply Loctite No. 242 or equiv. and torque to 70 in. lbs. - For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2 & PE304-2-220)
11	209798	1	Retaining Ring
12	213663	4	Cap Screw (3/8-16 UNC X 1" Lg.)
13	10258	4	Washer (For 3/8 bolt)
14	209805	1	Ball Bearing
15	10136	1	Set Screw (1/4-20 UNC x 1/4 Lg.; Torque to 70 in. lbs.)
16	10519	1	Set Screw (1/4-20 UNC X 3/8 Lg.; Torque to 70 in. lbs.)
17	420840	1	Eccentric
18	10199	2	Hex Nut (1/4-20 UNC)
19	12298	1	Roll Pin (3/16 dia. x 1-1/2" Lg.)
20	420427	1	Rubber Pad (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220, PE30-HOGEN & PE30-HOGEN-115)
21	64623	1	Upper Gerotor Housing
22	10922	1	O-ring (2-1/8" X 1-15/16" X 3/32)
23	304826	1	Gerotor
24	209794	1	Gerotor Drive Pin
25	350940	1	Gerotor Shaft
26	21846	1	Filter Support
27	304830	1	Oil Seal
28	12595	1	Washer (1-1/8" X 1/2 X .077 Thk.)
29	10022	4	Screw (1/4-20 UNC X 1-1/2" Lg.; Torque to 190 in. lbs.)
30	64580	1	Gerotor Housing
31	350930	1	Retaining Block

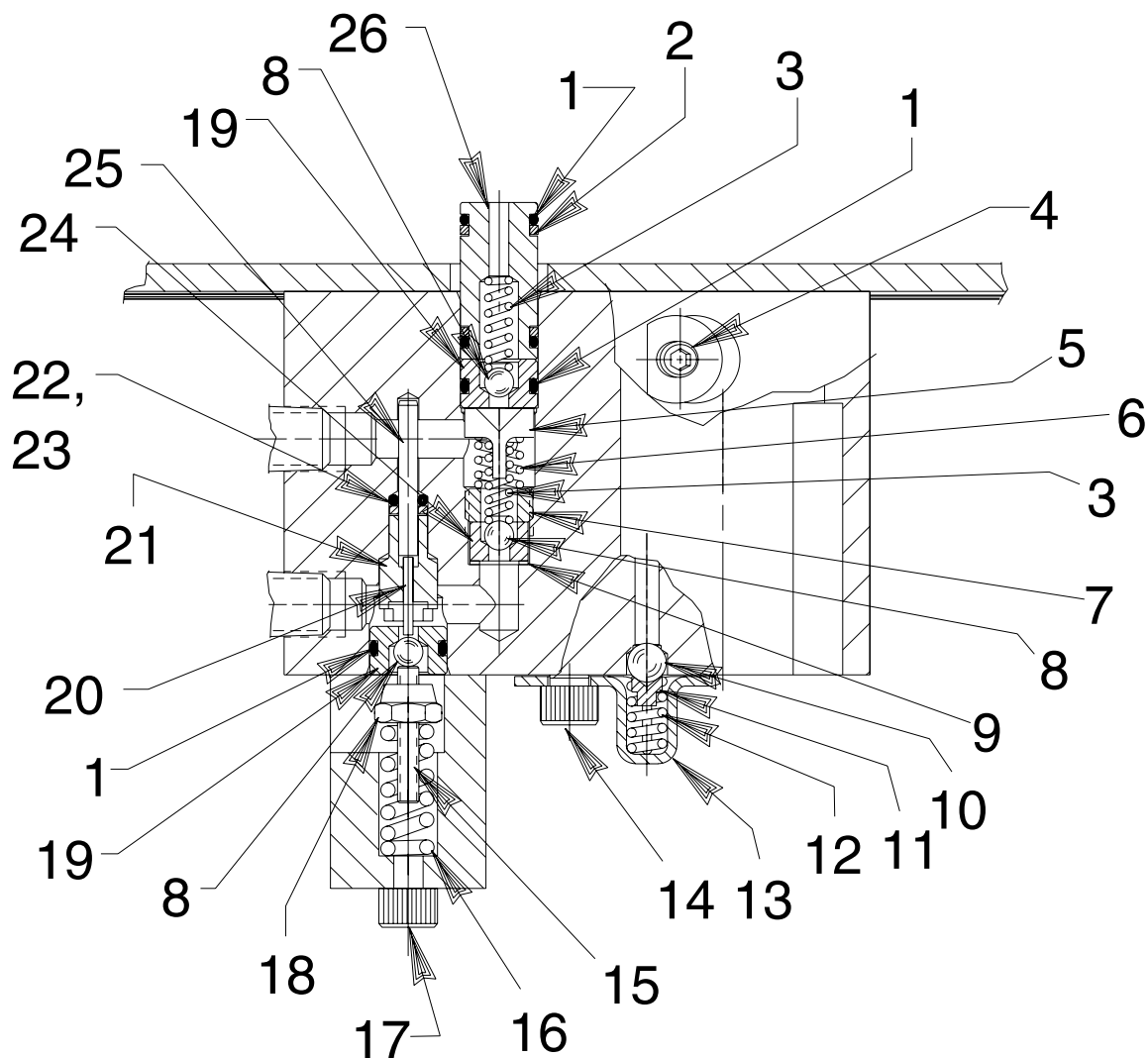
Item No.	Part No.	No. Req'd	Description
32	21278	1	Relief Valve Assembly (Set at 10,100/10,700 PSI)
33	64665OR9	1	Reservoir (1 Gal. - For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
	64241OR9	1	Reservoir (2 Gal. - For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220, PE30-HOGEN, & PE30-HOGEN-115)
34	64612	1	Check Body
35	13229	1	Street Elbow
36	420931	1	Reservoir Gasket (For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
	420424	1	Reservoir Gasket (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220, PE30-HOGEN & PE30-HOGEN-115)
37	64666BK2	1	Cover Plate (For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
	64579BK2	1	Cover Plate (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220, PE30-HOGEN & PE30-HOGEN-115)
38	11529	2	Screw (1/4-20 UNC x 3/4 Lg.)
39	*420838BK2	1	Electric Motor (110/115 V.; For PE302, PE302-2, PE303, PE303-2, PE304, PE304-2 & PE30-HOGEN-115)
	**420839BK2	1	Electric Motor (220/230 V.; For PE302-220, PE302-2-220, PE303-220, PE303-2-220, PE304-220, PE304-2-220, & PE30-HOGEN)
40	15911	2	Cap Screw (1/4-20 5/8 Lg.; Apply Loctite No. 242 or equiv. and torque to 70 in. lbs. - For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
41	351253	1	Electrical Control Box
42	251050	1	Rectifier

* Note: For Replacement brushes, order (2) #252958.

** Note: For Replacement brushes, order (2) #252961.

To
Drawing

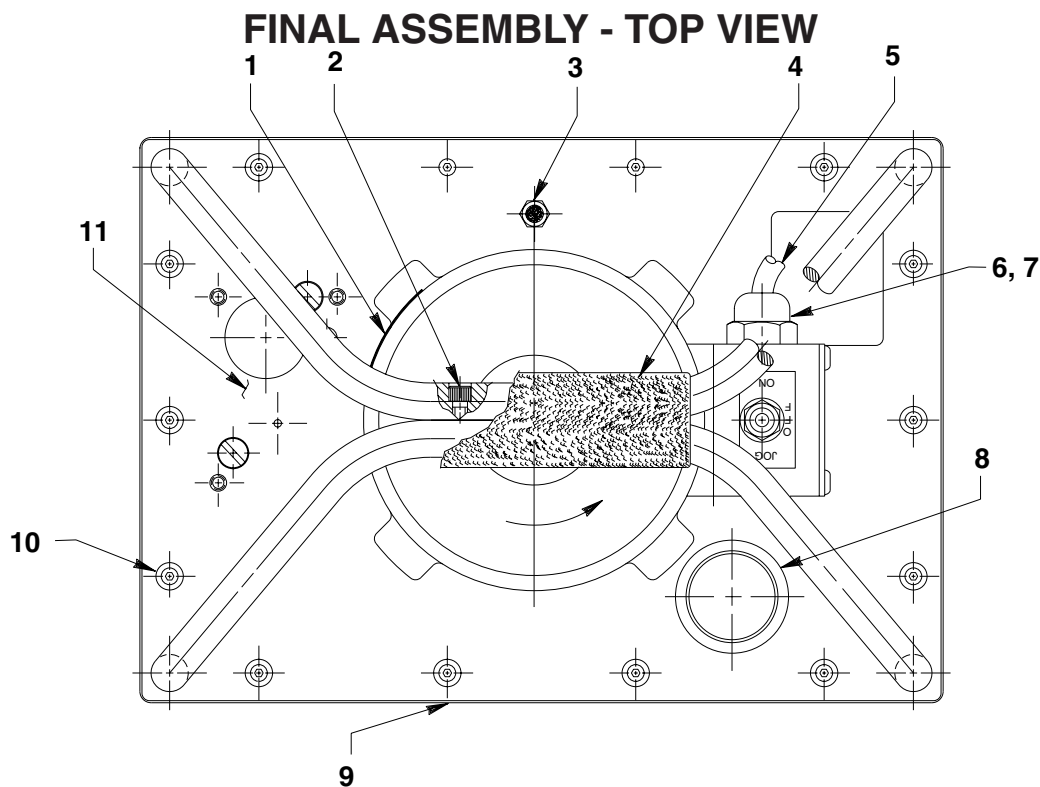
HIGH PRESSURE PUMP ASSEMBLY



Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	10268	4	O-ring (1/2 X 3/8 X 1/16)	13	350577	1	Spring Retainer
2	11863	2	Backup Washer (1/2 X 3/8 X 1/16)	14	10002	1	Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 70 in. lbs.)
3	10445	2	Compression Spring (5/32 O.D. X 3/4 Lg.)	15	251067	1	Set Screw (Unloading valve; #10-24 UNC x 1" Lg.)
4	15130	1	Plug (1/16 NPTF)	16	14484	1	Compression Spring (3/8 O.D. X 1" Lg.)
5	251601	1	Outlet Ball Stop	17	10854	2	Cap Screw (1/4-20 UNC X 1-3/4" Lg.; Torque to 70 in. lbs.)
6	10444	1	Compression Spring (3/16 I.D. X 13/32 Lg.)	18	207405	1	Locknut (10-24 UNC)
7	209797	1	Hollow Lock Screw (7/16-20 UNF-3A; Torque to 120 in. lbs.)	19	251065	2	Replaceable Seat
8	12223	4	Ball (3/16 Dia.)	20	251611	1	Dowel Pin (1/2 x 3/8 x .049)
9	10442	1	Washer (3/8 X 1/4 X 1/32)	21	251068	1	Guide
10	10374	1	Steel Ball (7/32 Dia.)	22	17797	1	O-ring (1/4 X 1/8 X 1/16)
11	200796	1	Adapter	23	214992	1	Backup Ring (15/64 x 1/8 x 3/64)
12	15691	1	Compression Spring (1/4 O.D. X 5/8 Lg.)	24	209787	1	Replaceable Seat
				25	16471	1	Dowel Pin (1/8 dia. x 1" Lg.)
				26	251581	1	Bushing

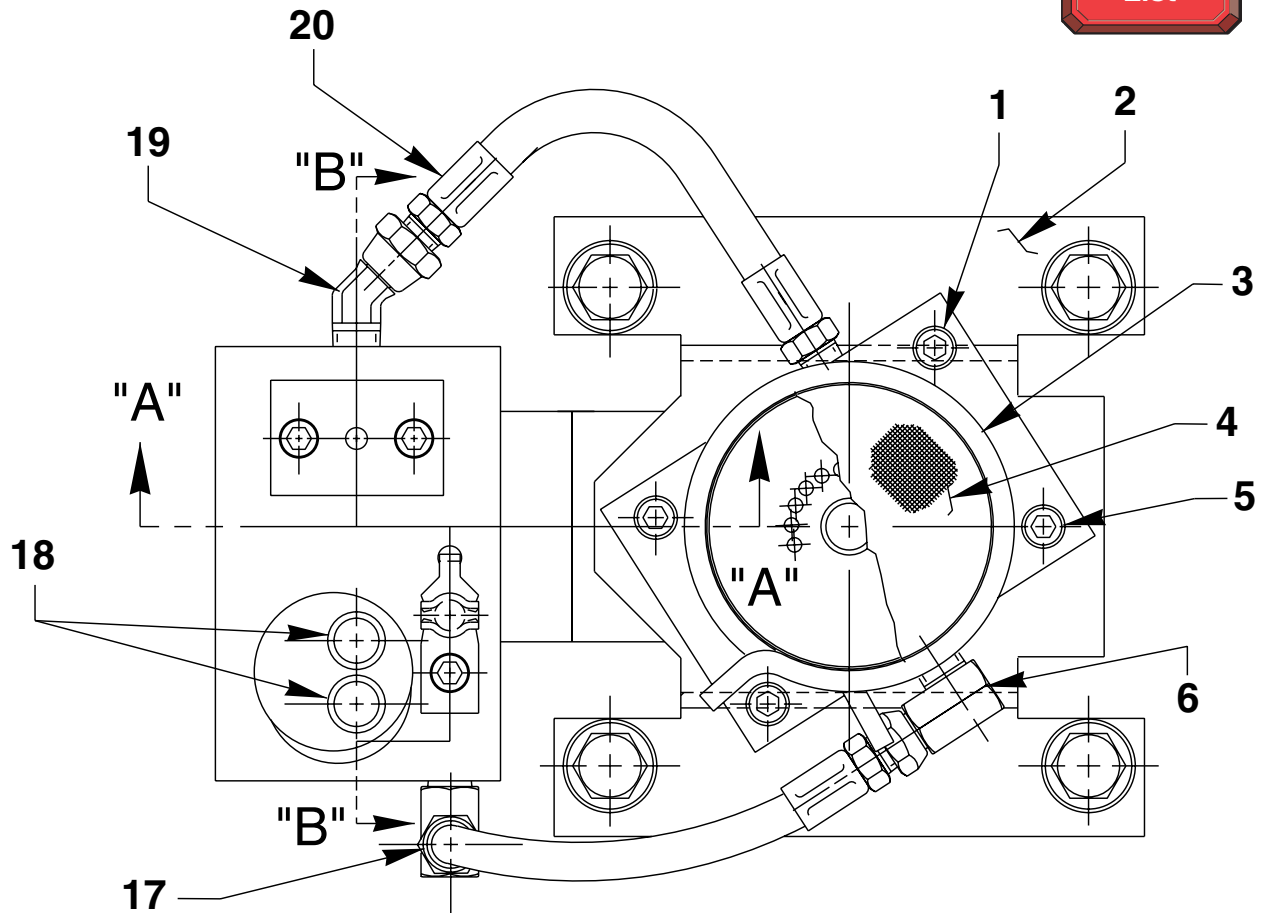
Sheet No. 2 of 4

Rev. 6 Date: 5 Nov. 1998

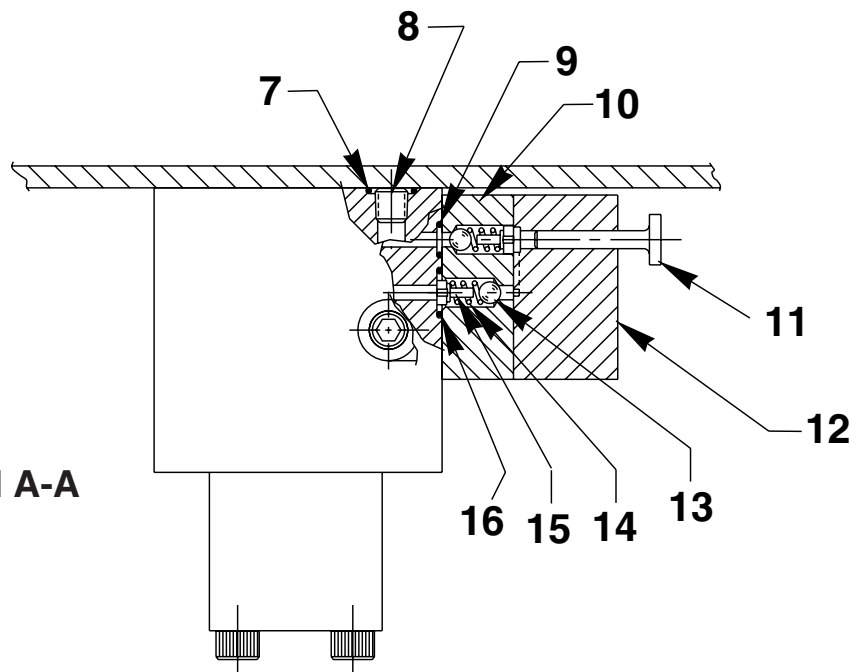


Item No.	Part No.	No. Req'd	Description
1	351024	1	Decal
2	10008	2	Cap Screw (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2 & PE304-2-220 only)
3	251599	1	Breather Filter Vent
4	251600	1	Handle Grip (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220 only)
5	25229	1	Cord Set (115 V.; For PE302, PE302-2, PE303, PE303-2, PE304, PE304-2 & PE30-HOGEN-115)
	308752	1 ft.	Electrical Cable (220 V.; For PE302-220, PE302-2-220, PE303-220, PE303-2-220, PE304-220, PE304-2-220, & PE30-HOGEN)
6	216666	1	Bushing
7	216680	1	Locknut
8	350925	1	Filler Cap
9	309219	2	Trade Name Decal (For PE302, PE302-220, PE303, PE303-220, PE304 & PE304-220)
	309221	2	Trade Name Decal (For PE302-2, PE302-2-220, PE303-2, PE303-2-220, PE304-2, PE304-2-220, PE30-HOGEN & PE30-HOGEN-115)
10	15911	14	Cap Screw (1/4-20 X 5/8 Lg.; Torque to 70 in. lbs.)
11	9584	1	Valve Assembly (For PE302, PE302-2, PE302-220 & PE302-2-220; See Form No. 101239; Note: When ordering this valve also order (4) 10890 Cap Screws for mounting valve to pump.)
	9520	1	Valve Assembly (For PE303, PE303-2, PE303-220 & PE303-2-220; Apply Loctite #242 to threads of valve handle stem [both end]. - See Form No. 101377; Note: When ordering this valve also order (4) 10890 Cap Screws for mounting valve to pump.)
	52516	1	Valve Assembly (For PE304, PE304-2, PE304-220 & PE304-2-220; Apply Loctite #242 to threads of valve handle stem [both end]. - See Form No. 100623; Note: When ordering this valve also order (4) 11956 Cap Screws for mounting valve to pump.)
	60916	1	Pressure Compensated Valve (For PE30-HOGEN & PE30-HOGEN-115; See Form No. 101373; Note: When ordering this valve also order (4) 251078 Cap Screws and (4) 10245 lockwashers for mounting valve to pump.)

BASIC PUMP ASSEMBLY

**To Parts
List**

SECTION A-A



BOTTOM VIEW AND SECTION A-A

Sheet No. 3 of 4

Rev. 6

Date: 5 Nov. 1998

Item No.	Part No.	No. Req'd	Description
1	10022	2	Cap Screw (1/4-20 UNC X 1-1/2" Lg.; Torque to 70 in. lbs.)
2	58481	1	Gerotor Housing Bracket
3	11461	1	Hose Clamp
4	21608	1	Filter
5	10890	2	Cap Screw (1/4-20 X 2" Lg.)
6	14440	1	90° Elbow Fitting
7	15279	1	O-ring (1/2 X 3/8 X 1/16)
8	15130	1	Plug (1/16 NPTF)
9	10265	1	O-ring (5/16 X 3/16 X 1/16)
10	45559	1	Block
11	305526	1	High Pressure Piston
12	45866	1	Block
13	12223	1	Ball (3/16 Dia.)
14	10445	1	Compression Spring (5/32 O.D. X 3/4 Lg.)
15	24549	2	Ball Guide
16	14763	1	O-ring (7/16 X 5/16 X 1/16)
17	13229	1	Elbow
18	250630	1	Drain Tube (For PE302, PE302-2, PE302-220, PE302-2-220 PE304, PE304-2, PE304-220 & PE304-2-220)
	250630	2	Drain Tube (For PE303, PE303-2, PE303-220 & PE303-2-220)
	12360	1	Drain Tube (For PE30-HOGEN & PE30-HOGEN-115)
19	251800	1	Elbow Fitting
20	304819	2	Hose Assembly



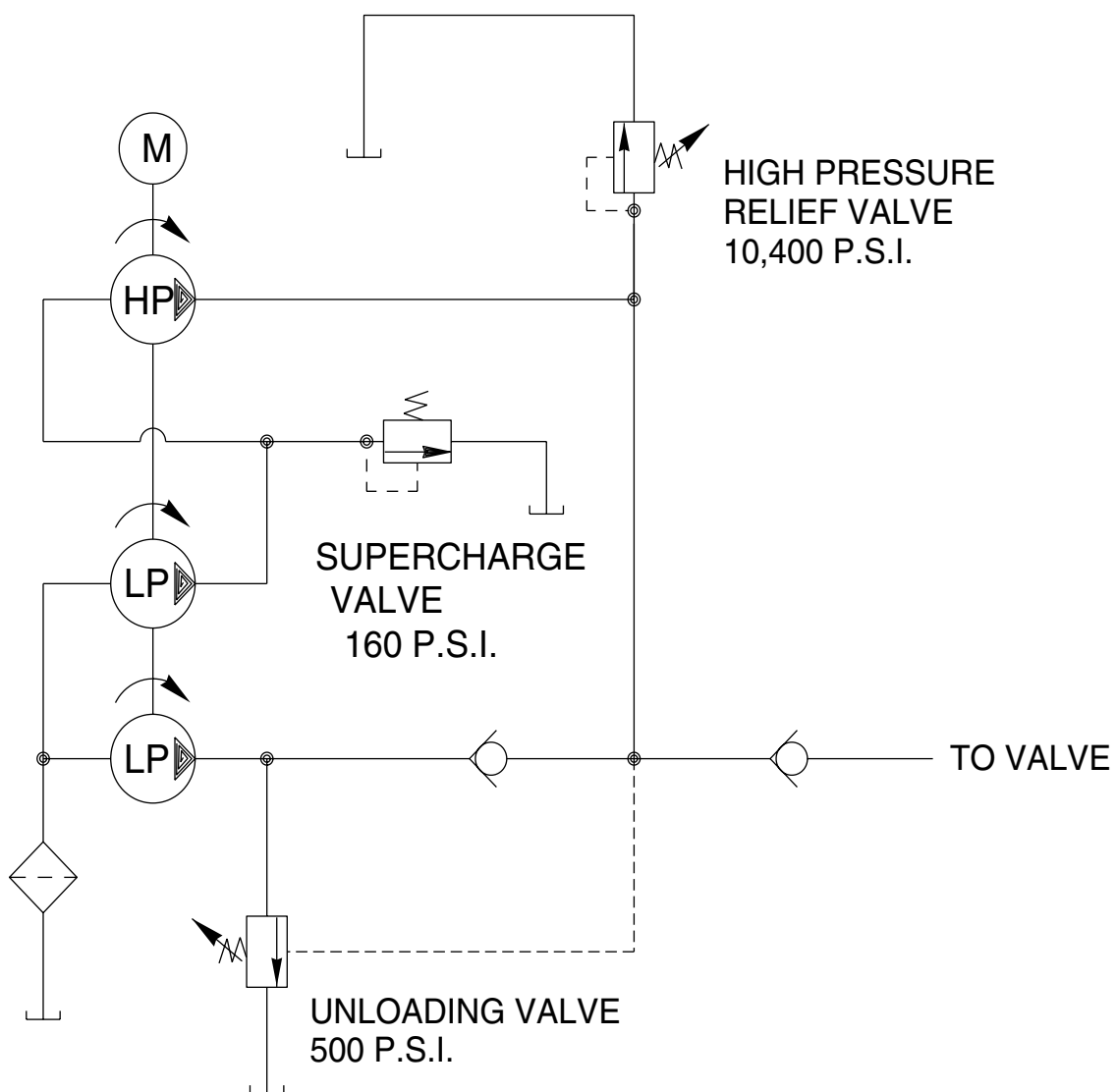
Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Power Team replacement parts!**

Additional questions can be directed to our Technical Services Department.

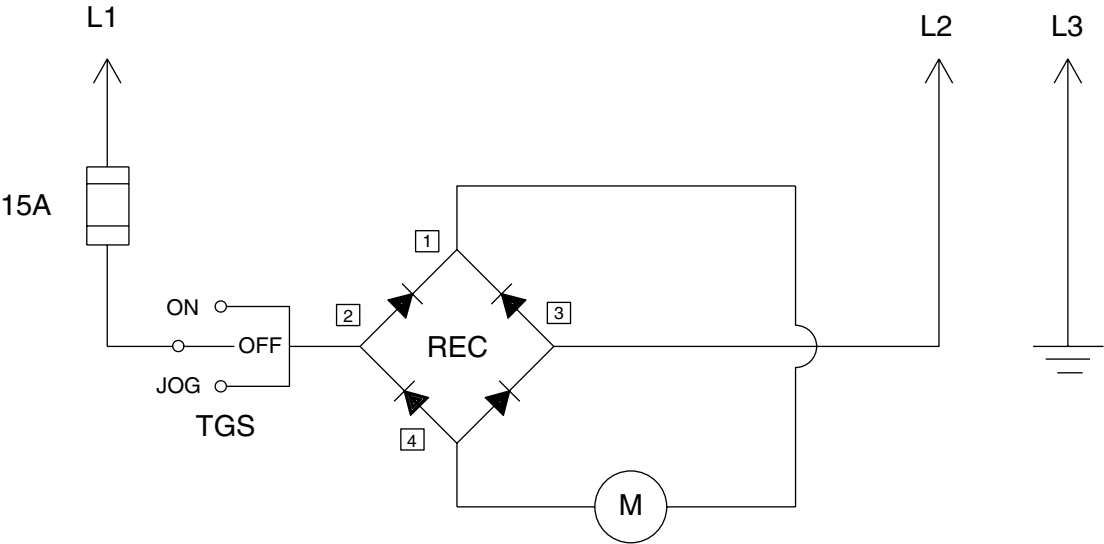
Note: Items #19 & #20 were switched at last revision(s) made to this form.

HYDRAULIC SCHEMATIC



ELECTRICAL SCHEMATIC

110/115 V., 50/60 HZ.



ELECTRICAL SCHEMATIC

220/230 V., 50/60 HZ.

