



HYDRAULIC TECHNOLOGIES

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Form No. 108072

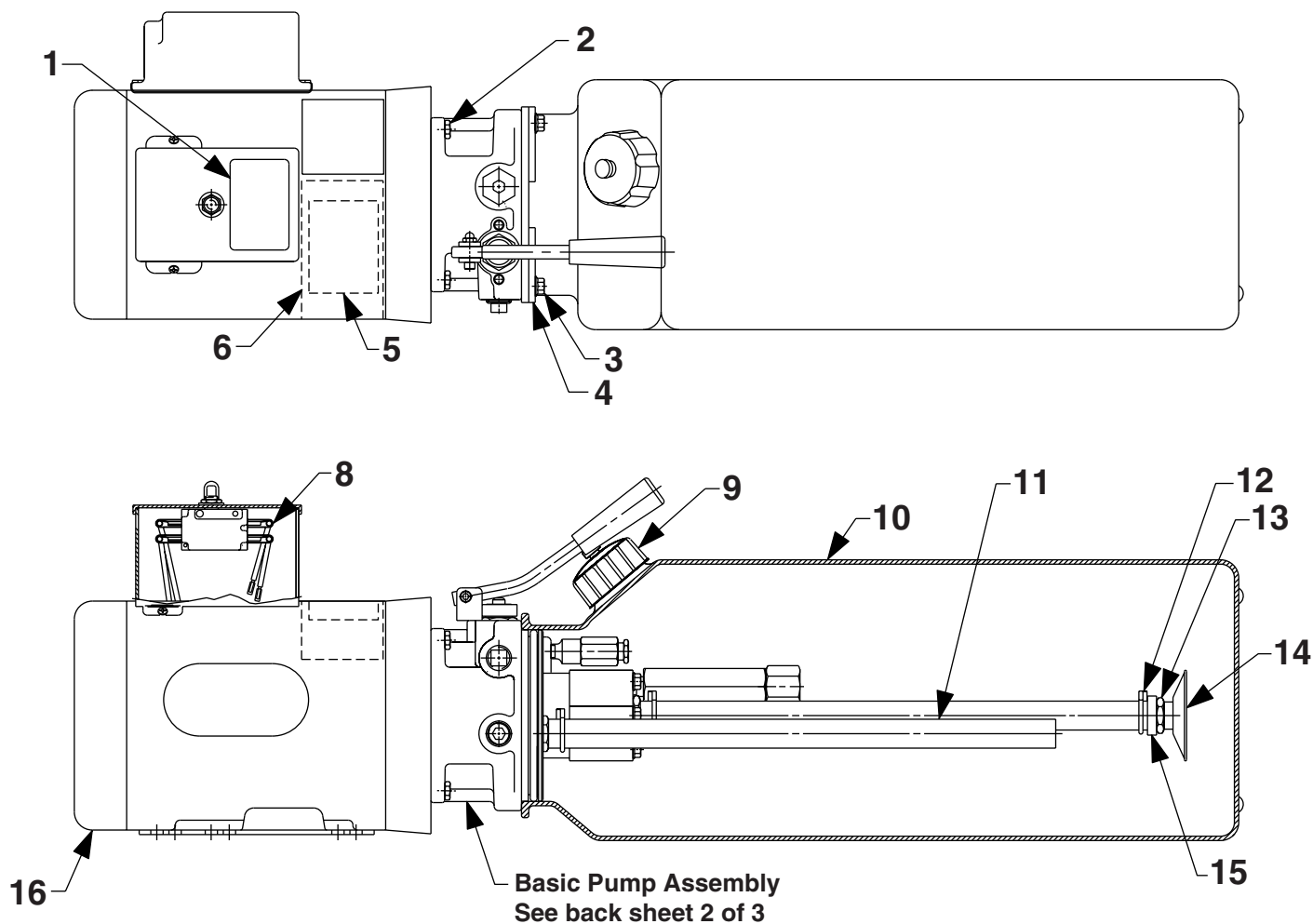
Parts List for:

A073140
A093020
A73141

GPM25A21F
GPM25A22F
GPM25A23F

MODEL D
ELECTRIC HYDRAULIC GEAR PUMP

To Parts
List



Sheet No. 1 of 3

Rev. 4 Date: 20 Oct. 2000

Item No.	Part No.	No. Req'd	Description
1	253108	1	Decal, Label Controls
2	10048	4	Screw, Hex HD Cap (3/8-16 x 7/8)
3	10009	4	Screw, Hex HD Cap (1/4-20 x 3/4)
4	253538	4	Support, Reservoir Flange
5	351771	1	Decal, Warning (For GPM25A21F, GPM25A22F, A073140 & A093020)
6	351667	1	Decal, Warning (For GPM25A23F & A73141)
8	351867	2	Assembly, Wire
9	252646	1	Cap, Filler Breather
10	66146	1	Reservoir (3.5 Gallon)
11	252630	2.33 ft.	Tubing, Plastic
12	252756	3	Clamp, Hose
13	252617	1	Fitting, Hose (1/2-20 UNF)
14	29682	1	Filter
15	253331	1	Magnet
16	501018	1	Motor, Elec (208/230 V.; 60 HZ.)

PARTS INCLUDED BUT NOT SHOWN

421862	1	Sleeve	} For A073140, A093020 & A73141
351943	1	Pin	
253477	1	Clip, Hair Pin (.09 x 2.00)	
352052	1	Cover, Switch Box	} Replacement parts for electric motor
352044	1	Box, Switch	
253411	1	Boot, Pushbutton	
351885	1	Switch, Pushbutton	
352053	1	Capacitor	
352057	1	Cover, Capacitor	

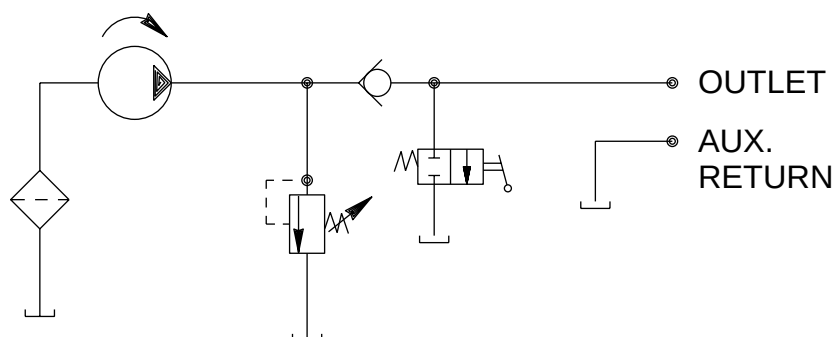


Note: Shaded areas reflect last revision(s) made to this form.

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!**

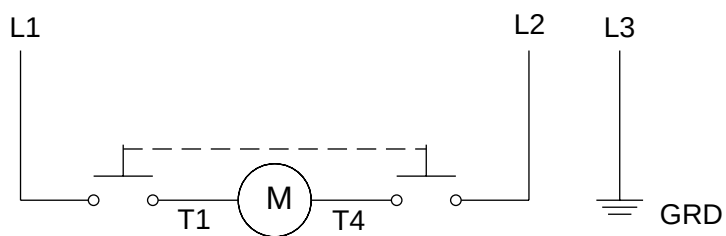
Additional questions can be directed to our Technical Services Department.

HYDRAULIC SCHEMATIC**INTERNAL RELIEF VALVE**

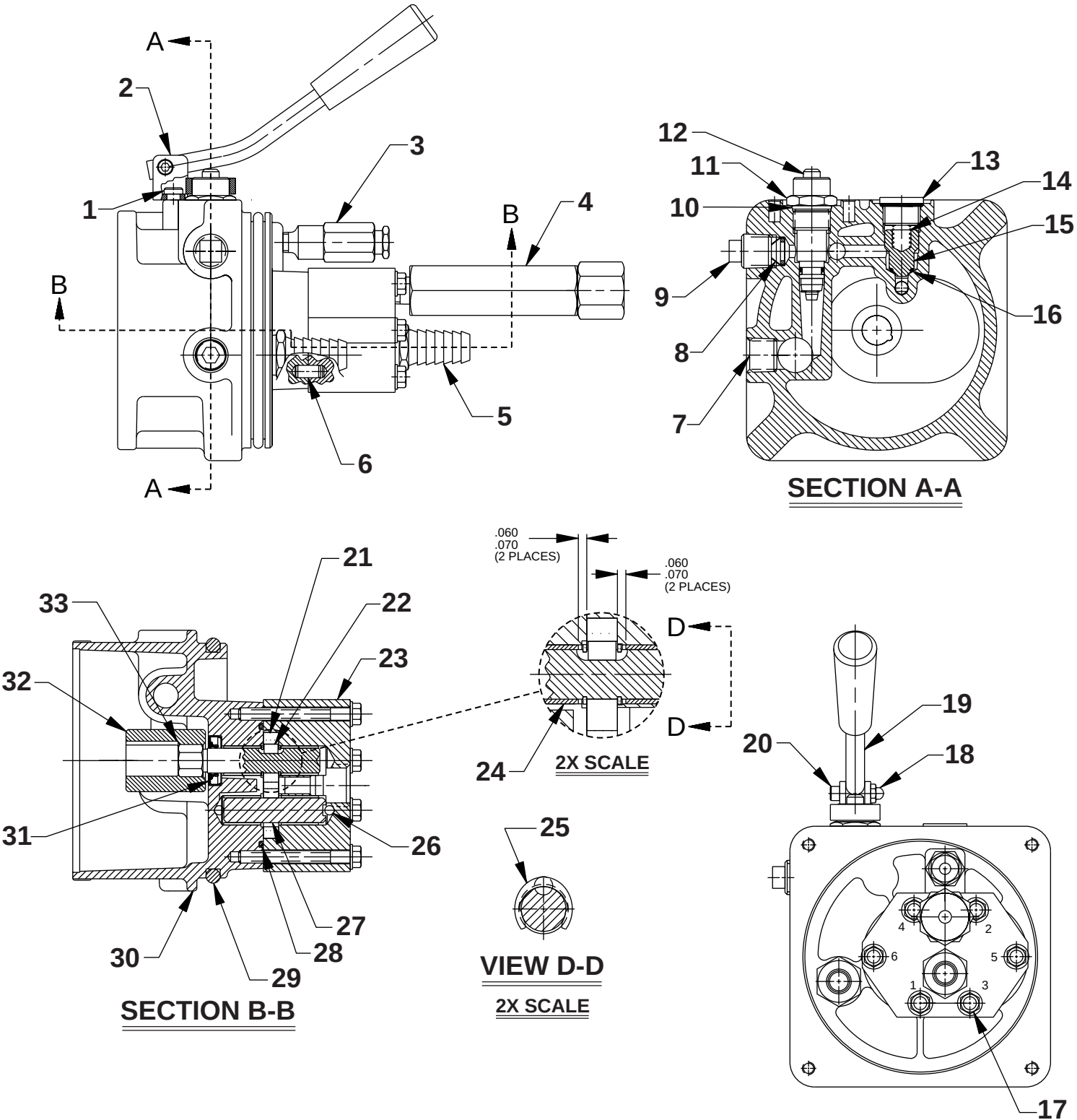
Set at 2,200/2,600 PSI - For GPM25A21F & A073140

Set at 2,300/2,700 PSI - For GPM25A22F & A093020

Set at 2,400/2,800 PSI - For GPM25A23F & A73141

ELECTRICAL SCHEMATIC

BASIC PUMP ASSEMBLY



Item No.	Part No.	No. Req'd	Description
1	253493	1	Screw, Hx Soc Tap (1/4-20 x .50; Torque to 70 in. lbs.)
2	351963	1	Bracket, Mounting
3	421638-21	1	Valve, Relief (Set at 2,200/2,600 PSI; For GPM25A21F & A073140)
	421638-22	1	Valve, Relief (Set at 2,300/2,700 PSI; For GPM25A22F & A093020)
	421638-23	1	Valve, Relief (Set at 2,400/2,800 PSI; For GPM25A23F & A73141)
4	351834	1	Valve, Soft Start
5	252618	2	Fitting, Hose (1/2 NPTF)
6	15156	2	Pin, Dowel (.25 x .50)
7	16232	1	Fitting, Plug (3/8 PTF)
8	253519	1	Filter
9	13273	1	Fitting, Plug (3/8 NPT)
10	10527	1	O-ring (.81 x .64 Nitrile)
11	351787	1	Cap, Release Valve
12	351633	1	Valve, Release
13	214014	1	Fitting, Plug (1/2 Tube)
14	10425	1	Spring (.37 OD x .75 x .03 WS)
15	351827	1	Body, Poppet
16	14763	1	O-ring (.43 x .31 Urethane)
17	253494	6	Screw, Hx HD Tap (1/4-20 x 2.25; Cross torque to 120 in. lbs.)
18	207405	1	Nut, Hex Lock (10-24)
19	351785	1	Handle
20	253086	1	Screw, Socket HD (10-24 x 7/8)
21	421819-2.5	2	Gear
22	253070-2.5	1	Key
23	65918-2.5	1	Body, Pump
24	253071	4	Bearing, Sleeve
25	253072	2	Ring, Retain Ext (0.44 x .035; Position retaining ring to keyway as shown.)
26	12223	2	Ball (3/16" Dia. Steel)
27	253068	1	Shaft
28	253069	1	O-ring (2.250 x 2.062 Nitrile)
29	252645	1	O-ring (4.750 x 4.375 Nitrile)
30	65738	1	Body, Valve
31	252616	1	Seal, Oil Shaft
32	351625	1	Coupling
33	351627-2.5	1	Shaft

