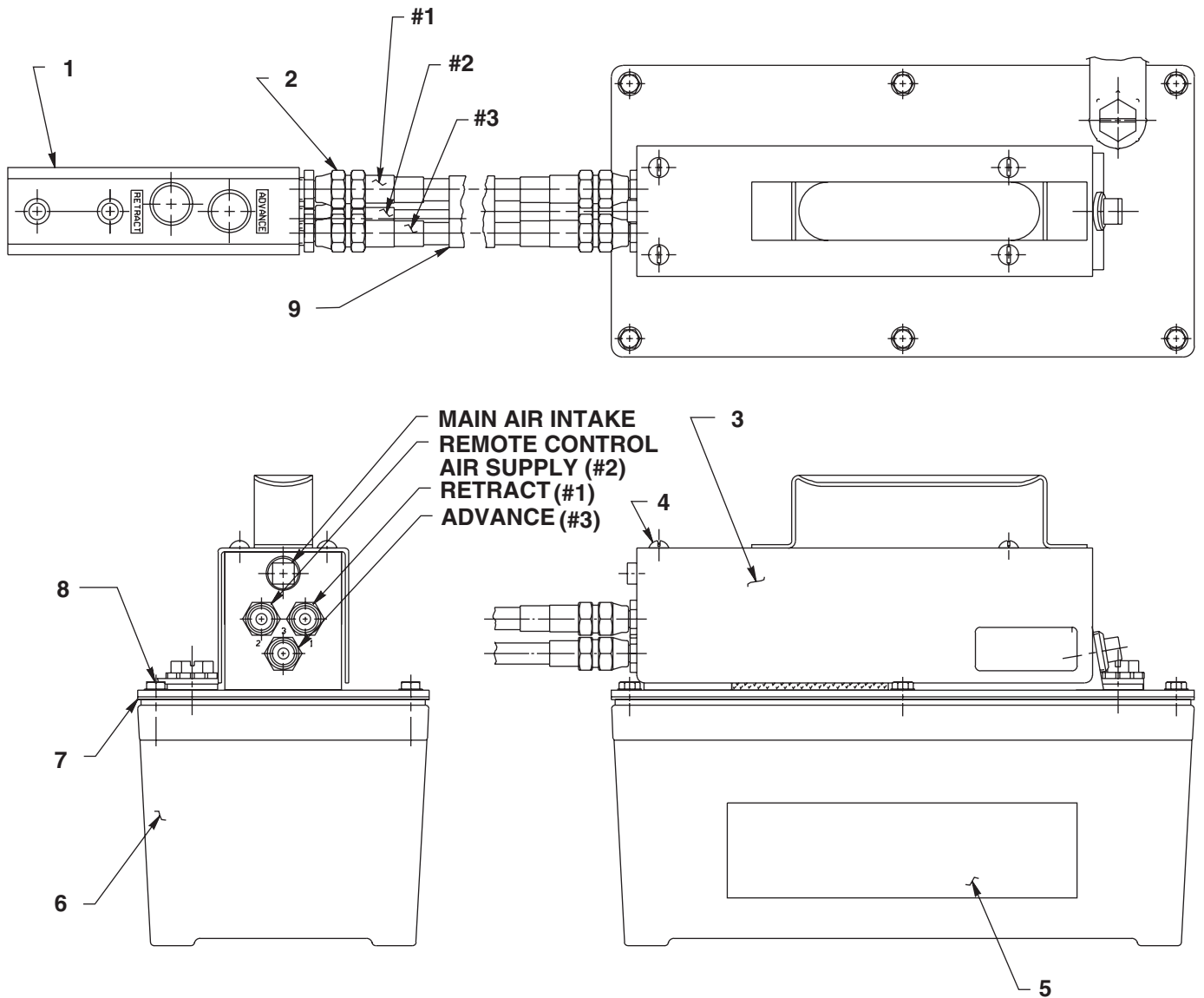


**REMOTE CONTROLLED  
AIR HYDRAULIC PUMP**

**GENERAL ASSEMBLY**



<b>Item No.</b>	<b>Part No.</b>	<b>No. Req'd</b>	<b>Description</b>
1	44025	1	Remote Hand Control Switch
2	208218	6	Straight Fitting
3	41605	1	Shroud
4	10164	4	Slotted Screw (#10-24 UNC x 3/8 Lg.)
5	305496	1	Trade Name/Important Decal
6	61243	1	Reservoir
7	33853	1	Reservoir Gasket
8	211060	10	Screw (#9-15 x 1" Lg.; Torque to 25/30 in. lbs.)
9	45052	1	Hose Assembly

**PARTS INCLUDED BUT NOT SHOWN**

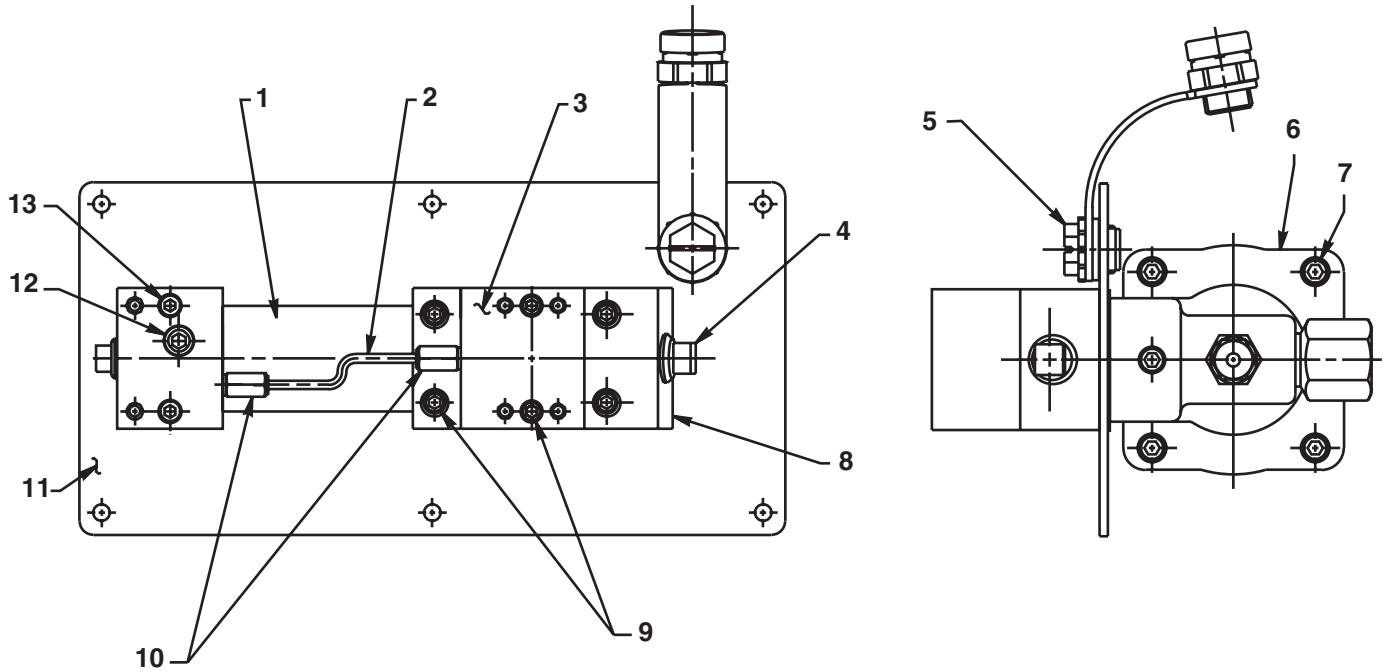
305494	1	Important Decal
205724	1	Decal (Viton Seals)
250328	1	Decal (EPR)

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!**

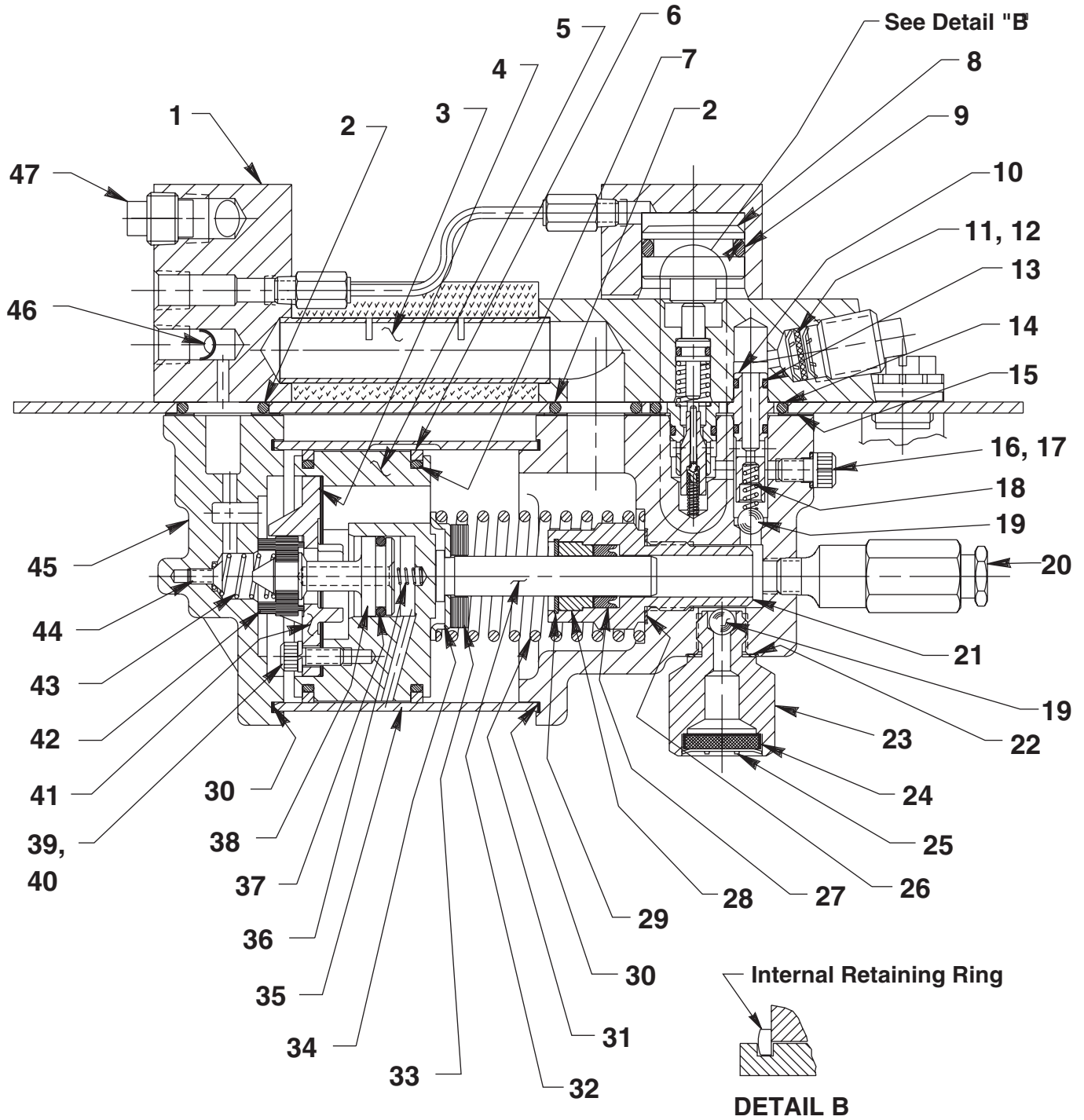
Additional questions can be directed to our Technical Services Department.

### BASIC PUMP ASSEMBLY TOP VIEW



Item No.	Part No.	No. Req'd	Description
1	29992	1	Foam Tube
2	14281	.3 ft.	Tubing
3	34759	1	Release Valve
4	11127	1	Pressure Plug
5	20937S	1	Filler/Breather Cap
6	50494	1	Pump Body
7	17428	4	Soc. Hd. Cap Screw (1/4-20 UNC x 3-1/2 Lg.; Torque to 85/95 in. lbs. oiled. Note: Cross torque in increments of 30 in. lbs.)
8	41598	1	Release Valve
9	11151	6	Cap Screw (10-24 UNC x 1-1/4 Lg.; Torque to 50/60 in. lbs.)
10	250725	2	Fitting
11	45840BK2	1	Cover Plate
12	15499	1	Pipe Plug (1/8 NPTF)
13	14423	2	Cap Screw (#10-24 x 2" Lg.)

# BASIC PUMP ASSEMBLY SIDE VIEW



Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	41601	1	Manifold	21	33959	1	Cylinder (Torque to 90/100 ft. lbs.)
2	251214	2	O-ring (1.002 x .720 x .141; Nitrile)	22	10261	1	Copper Washer (3/4 x 19/32 x 1/32)
	251217	2	O-ring (1.002 x .720 x .141; Vitron)	23	48010	1	Filter Adapter
	251213	2	O-ring (1.002 x .720 x .141; EPR)				(Torque to 40/50 ft. lbs. oiled.)
3	28387	1	Muffler	24	214578	1	Filter
4	28239	1	Gasket	25	214586	1	Retaining Ring (Internal)
5	52390	1	Piston Body	26	10263	1	Copper Washer (1" x .765 x 1/32)
6	14265	2	Piston Ring	27	14121	1	U-cup
7	11229	2	O-ring (2-3/8 x 2-3/16 x 3/32, -139; Nitrile)	28	202624	1	Retainer
	11446	2	O-ring (2-3/8 x 2-3/16 x 3/32, -139; Viton)	29	11034	1	Retaining Ring (Note: Install with sharp edge toward the retained part. See Detail "B".)
	212888	2	O-ring (2-3/8 x 2-3/16 x 3/32, -139; EPR)	30	17429	2	Backup Washer
8	34757	1	Piston Release	31	13938	1	Spring (1.452 O.D. x 4-7/16 Lg.)
9	208144	1	O-ring (1-1/8 x 7/8 x 1/8, -212; Nitrile; Apply moly-kote)	32	28400	1	Piston
	19028	1	O-ring (1-1/8 x 7/8 x 1/8, -212; Viton; Apply moly-kote)	33	202613	1	Bumper
	19386	1	O-ring (1-1/8 x 7/8 x 1/8, -212; EPR; Apply moly-kote)	34	211082	1	Spring Guide
10	34378	1	Check Valve Body	35	37434	1	Air Cylinder (Note: Locate groove on upper half [top] of pump with chamfered tube end towards rear head as shown.)
11	250638	1	Filter Disc	36	12692	1	Spring (3/16 O.D. x 1-11/16 Lg.)
12	11088	2	Retaining Ring	37	211052	1	O-ring (.900 x .706 x .097, -909; Nitrile)
13	211053	2	O-ring (3/8 x 1/4 x 1/16, -010; Nitrile)		250192	1	O-ring (.900 x .706 x .097, -909; Viton)
	11438	2	O-ring (3/8 x 1/4 x 1/16, -010; Viton)		250193	1	O-ring (.900 x .706 x .097, -909; EPR)
	17715	2	O-ring (3/8 x 1/4 x 1/16, -010; EPR)	38	305475	1	Exhaust Valve Stem
14	251215	1	O-ring (1.494 x 1.212 x .141; Nitrile)	39	10241	3	Lockwasher (For #10 bolt)
	251216	1	O-ring (1.494 x 1.212 x .141; Viton)	40	211054	3	Screw (#10-24 x 1/2 Lg.; Torque to 50/55 in. lbs.)
	251212	1	O-ring (1.494 x 1.212 x .141; EPR)	41	33822	1	Piston End Plate
15	34283	1	Gasket	42	28183	1	Piston Poppet
16	10442	1	Washer (3/8 x 1/4 x 1/32)	43	205679	1	Spring (.485 O.D. x .915 Lg.)
17	10002	1	Cap Screw (1/4-20 UNC x 3/8 Lg.; Torque to 90/110 in. lbs.)	44	205674	1	Screw (8-32 UNC x 3/8 Lg.; Torque to 12/18 in. lbs.)
18	10445	1	Compression Spring (5/32 O.D. x 3/4 Lg.)	45	51480	1	Rear Head
19	10423	2	Steel Ball (9/32 dia.)	46	216296	1	Filter Disc
20	21278-32	1	Relief Valve Assembly (Set at 3,100/3,300 PSI; See NOTE below)	47	13272	1	Plastic Pipe Plug

## NOTE

Standard relief valves are set at 10,100/10,700 PSI.  
Relief valves pre-set at special settings are available.  
Refer to your pump model number or contact Power Team Technical Services.

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

Sheet No. 3 of 3

Issue Date: Rev. 5-30-95

