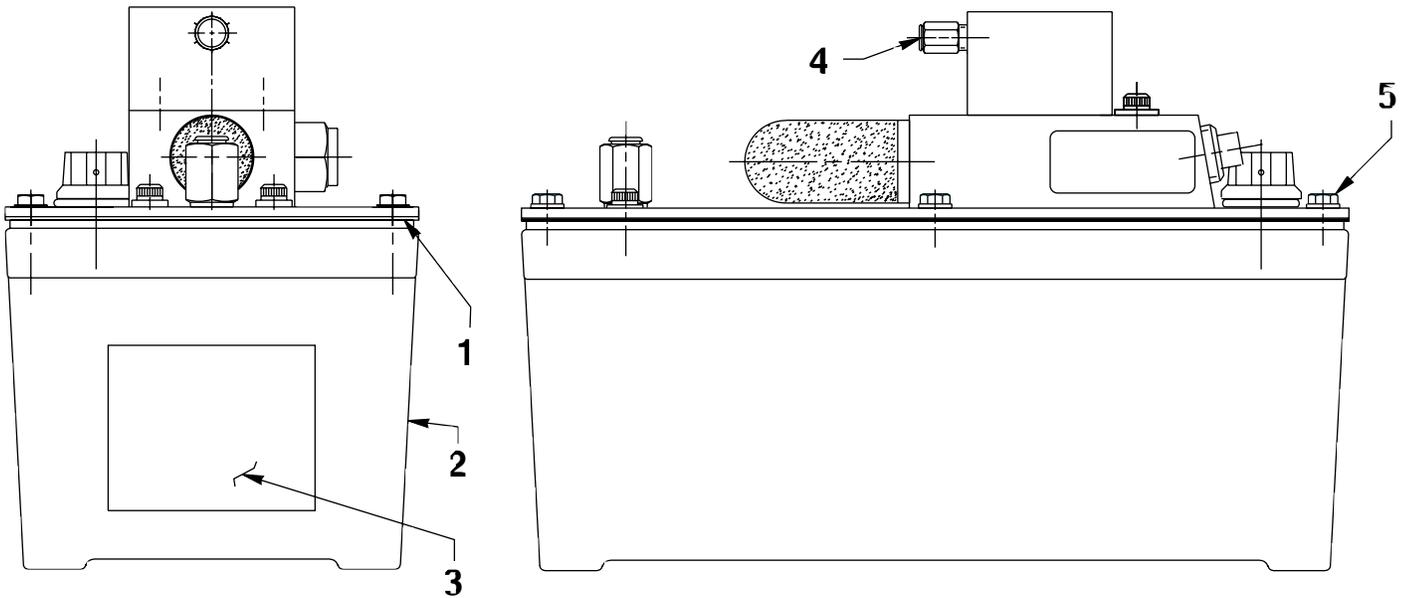


## MODEL F AIR HYDRAULIC PUMP Max. Capacity: 10,000 PSI (700 Bar)



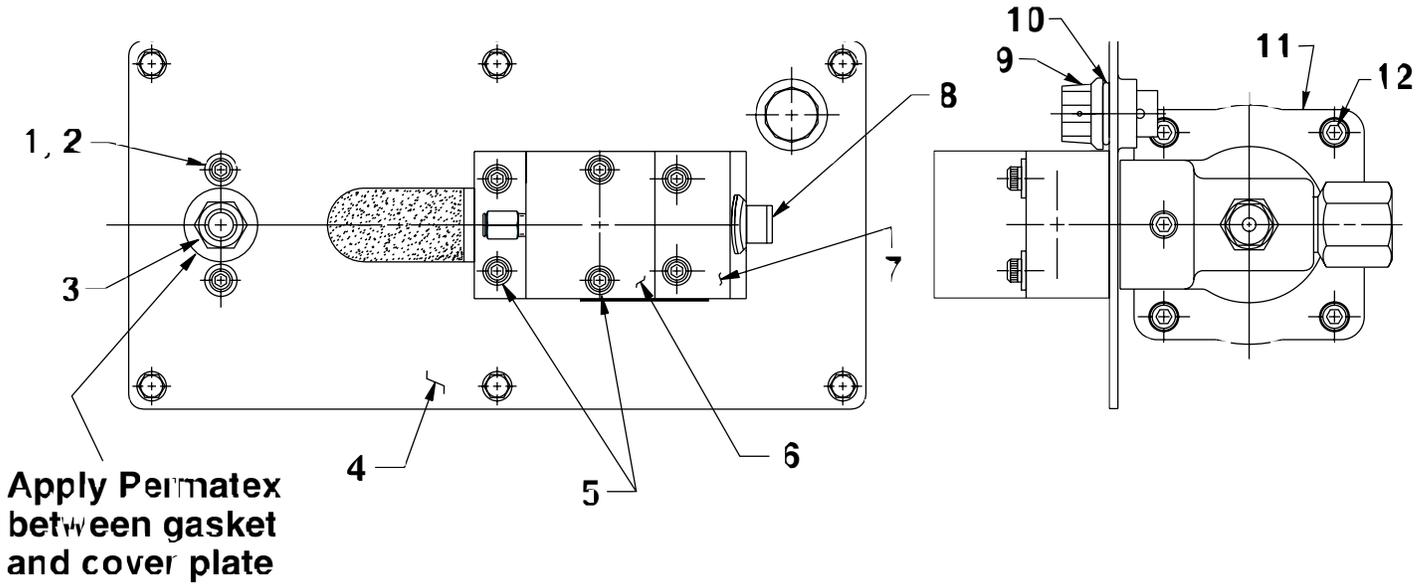
Item No.	Part No.	No. Req'd	Description
1	*33853	1	Reservoir Gasket
2	61243	1	Reservoir
3	*305494	1	Decal
4	251053	1	Straight Fitting
5	211060	6	Hex Washer Hd Screw (#9-15 X 1" Lg.; Torque to 25/35 in. lbs.)

### PARTS INCLUDED BUT NOT SHOWN

211060	4	Hex Washer Hd Screw (#9-15 X 1" Lg.; For pump mounting purposes only)
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Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300854.

**TOP & END VIEW**

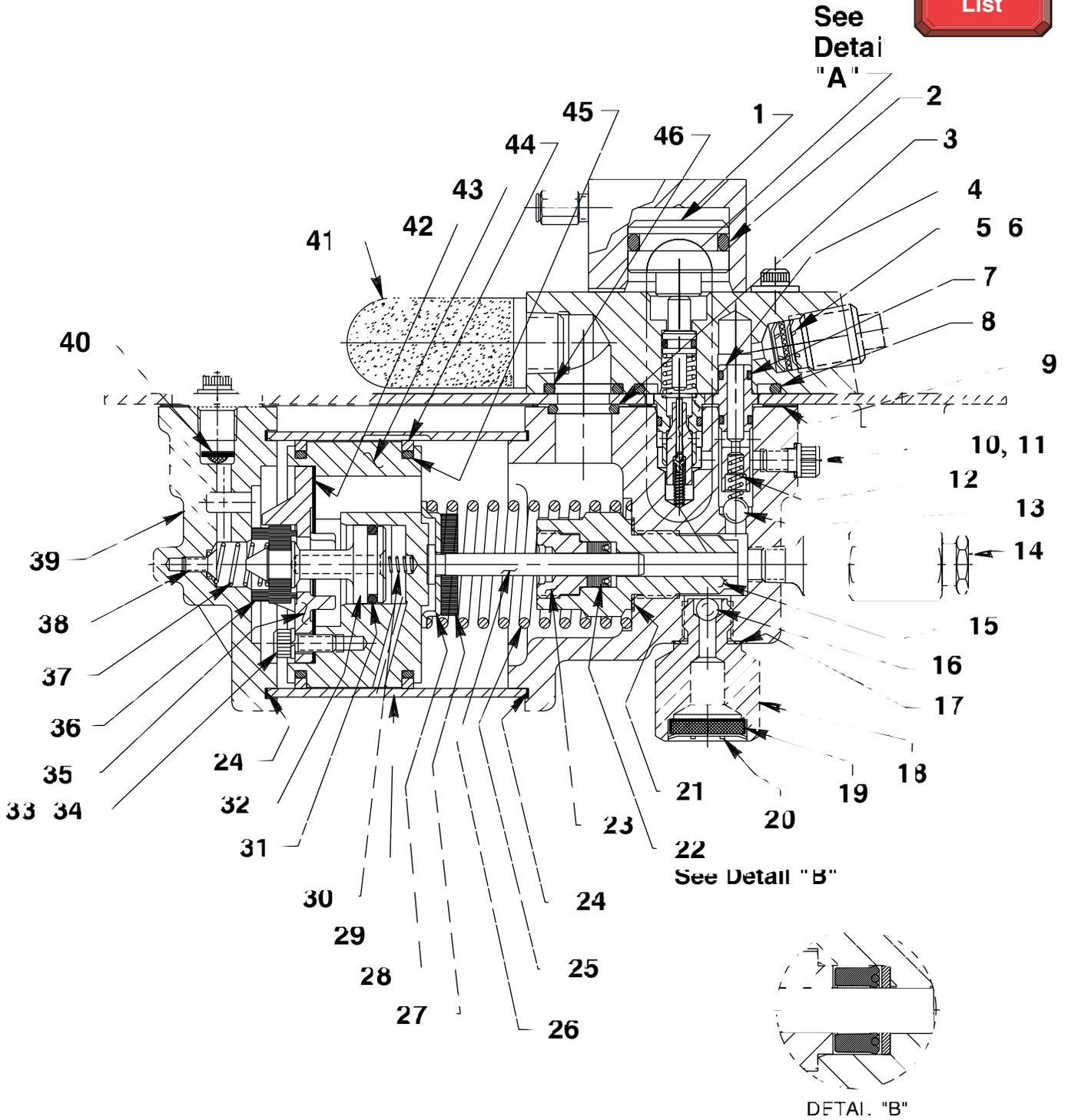


Item No.	Part No.	No. Req'd	Description
1	11434	2	Soc. Hd. Cap Screw (10-24 UNC X 1/2 Lg.)
2	11089	2	Washer (#10 bolt)
3	251054	1	Straight Fitting
4	420965BK2	1	Cover Plate
5	11151	6	Soc. Hd. Cap Screw (10-24 UNC X 1-1/4" Lg.; Torque to 50/60 in. lbs.)
6	420293	1	Valve Body
7	58685	1	Release Valve Body
8	11127	1	Sq. Male Drive Plug (3/8 NPTF)
9	251689	1	Filler/Breather Cap
10	*10273	1	O-ring (13/16 X 5/8 X 3/32; Nitrile)
11	64767	1	Pump Body
12	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.)

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300854.

# BASIC PUMP ASSEMBLY

To Parts List



# Parts List, Form No. 101648, Back sheet 2 of 3

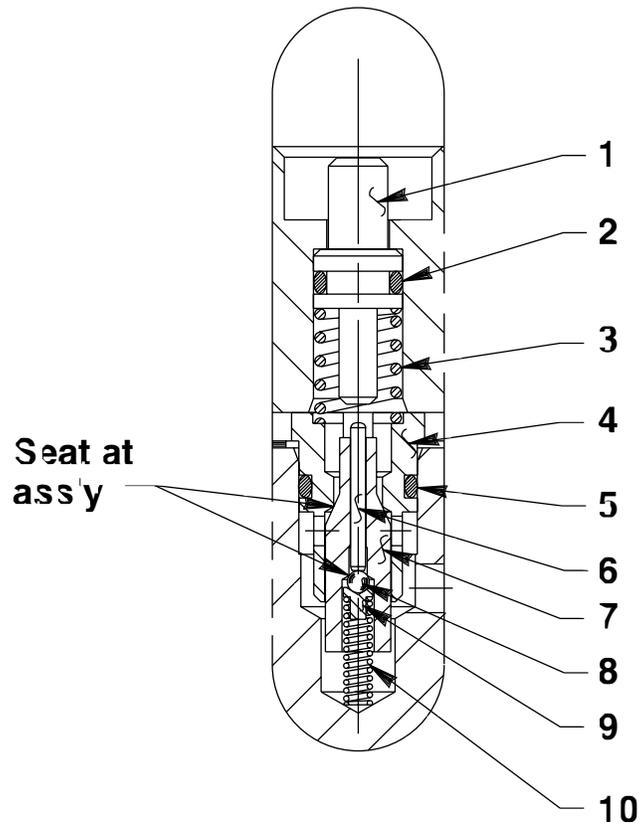
Item No.	Part No.	No. Req'd	Description
1	<b>34757</b>	1	Piston Release
2	<b>*208144</b>	1	O-ring (1-1/8" X 7/8 X 1/8; Apply Lubricant)
3	<b>*10272</b>	1	O-ring (3/4 X 9/16 X 3/32; Nitrile)
4	<b>34378</b>	1	Check Valve Body
5	<b>*250638</b>	1	Oil Filter Disc
6	<b>*11088</b>	2	Retaining Ring (9/16 hole)
7	<b>*12522</b>	2	O-ring (3/8 X 1/4 X 1/16; Urethane)
8	<b>*11841</b>	1	O-ring (1-5/8" X 1-3/8" X 1/8; Nitrile)
9	<b>*351021</b>	1	Gasket
10	<b>*10442</b>	1	Washer (3/8 X 1/4 X 1/32)
11	<b>10002</b>	1	Soc. Hd. Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 90/110 in. lbs.)
12	<b>*10445</b>	1	Compression Spring (5/32 O.D. X 3/4 Lg.)
13	<b>*10423</b>	1	Steel Ball (9/32 Dia.)
14	<b>21278</b>	1	Relief Valve (Apply loctite 592 [Power Team #905516] or equiv. & torque to 150/170 in. lbs.)
15	<b>45278</b>	1	Piston Cylinder (Torque to 90/100 ft. lbs. oiled)
16	<b>*10375</b>	1	Steel Ball (1/4 Dia.)
17	<b>*10261</b>	1	Copper Washer (3/4 X 19/32 X 1/32)
18	<b>308893</b>	1	Filter Adapter
19	<b>214578</b>	1	Filter
20	<b>214586</b>	1	Internal Retaining Ring
21	<b>*10263</b>	1	Copper Washer (1" X .765 X 1/32)
22	<b>*13934</b>	1	U-cup & Backup
23	<b>*304295</b>	1	Retainer (Note: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on back sheet 3 of 3.)
24	<b>*17429</b>	2	Back-up Ring (2-15/16" X 2-3/4" X .045)
25	<b>*13938</b>	1	Compression Spring (1.452 O.D. X 4-7/16" Lg.)
26	<b>28226</b>	1	Piston
27	<b>203143</b>	1	Bumper
28	<b>210994</b>	1	Spring Guide
29	<b>37434</b>	1	Air Cylinder (NOTE: Locate groove on upper half (top) of pump with chamfered tube end towards rear head as shown.)
30	<b>*12692</b>	1	Compression Spring (3/16 O.D. X 1-11/16" Lg.)
31	<b>*211052</b>	1	O-ring (.900 X .706 X .097; Nitrile)
32	<b>305475</b>	1	Exhaust Valve Stem
33	<b>*10241</b>	3	Lockwasher (For #10 bolt)
34	<b>211054</b>	3	Screw (#10-24 X 1/2 Lg.; Torque to 50/55 in. lbs.)
35	<b>33822</b>	1	Piston End Plate
36	<b>*28183</b>	1	Piston Poppet
37	<b>*205679</b>	1	Compression Spring (.485 O.D. X .915 Lg.)
38	<b>*205674</b>	1	Hex Soc. Flat Hd. Cap Screw (8-32 UNC X 3/8 Lg.; Torque to 12/18 in. lbs.)
39	<b>37468</b>	1	Rear Head
40	<b>*216296</b>	1	Filter Disc
41	<b>250461</b>	1	Muffler
42	<b>*28239</b>	1	Gasket
43	<b>52390</b>	1	Piston Body
44	<b>*14265</b>	2	Piston Ring
45	<b>*251835</b>	2	O-ring (2-1/2" X 2-5/16" X 3/32; Nitrile)
46	<b>*10276</b>	1	O-ring (1" X 3/4 X 1/8; Nitrile)

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300854.

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



## DETAIL "A"



Item No.	Part No.	No. Req'd	Description
1	28227	1	Release Valve Button
2	*10266	1	O-ring (3/8 X 1/4 X 1/16; Nitrile)
3	*13944	1	Spring
4	34377	1	Poppet Retainer
5	*15279	1	O-ring (1/2 X 3/8 X 1/16; Nitrile)
6	13937	1	Dowel Pin (NOTE: Place tapered end toward ball.)
7	29037	1	Release Valve Body
8	*14443	1	Steel Ball (3/32 Dia.)
9	209736	1	Ball Retainer
10	*13959	1	Compression Spring (1/8 O.D. X 1/2 Lg.)

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300854.

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.

