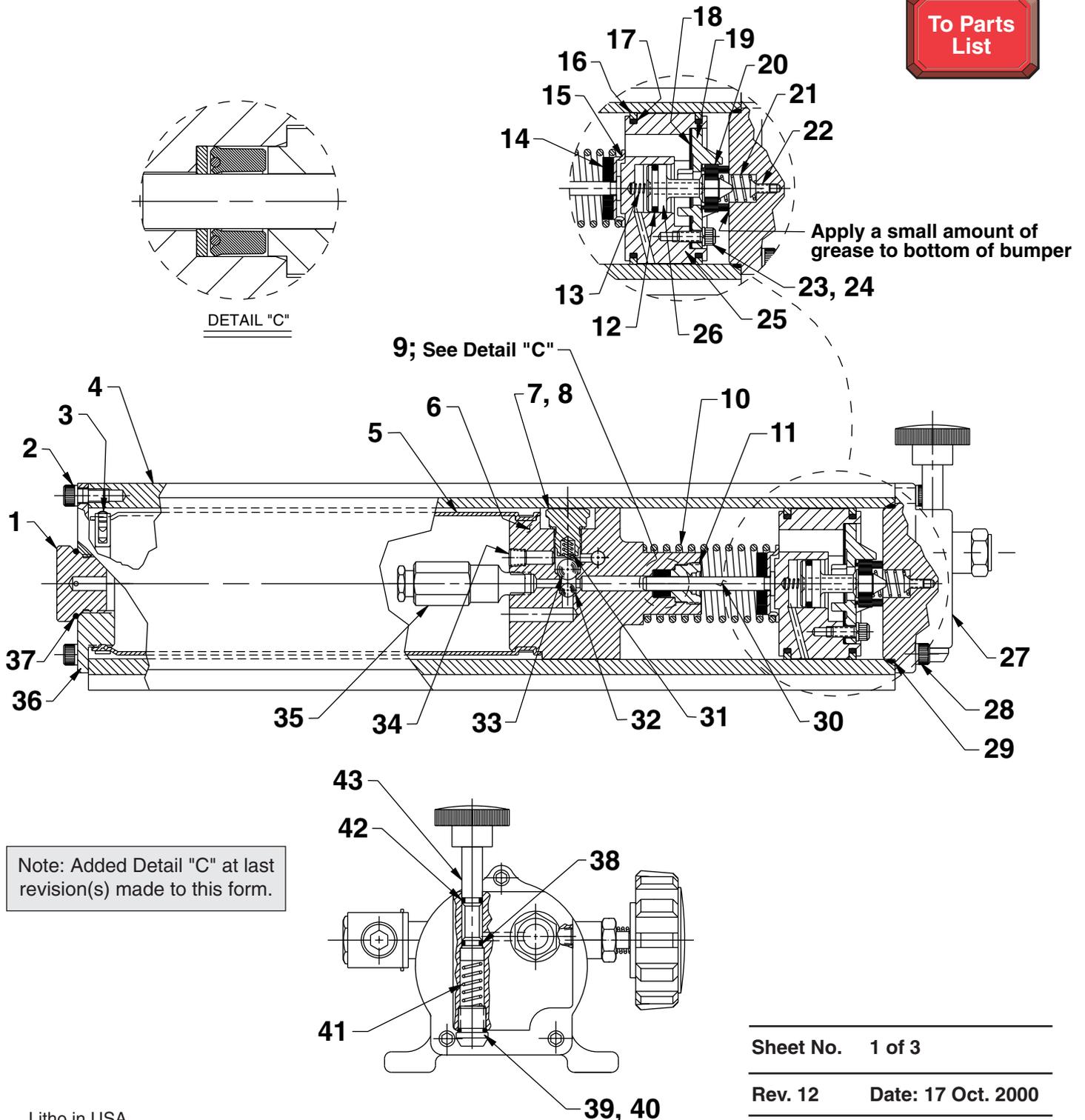


## MODEL B AIR/HYDRAULIC PUMP TUBE STYLE



Note: Added Detail "C" at last revision(s) made to this form.

# Parts List, Form No. 101790, Back sheet 1 of 3

Item No.	Part No.	No. Req'd	Description
1	<b>252298</b>	1	Filler Plug
2	<b>10807</b>	3	Cap Screw (1/4-20 X 1/2 Lg.; Torque to 60/80 in. lbs.)
3	<b>*252303</b>	2	Clamp
4	<b>65695</b>	1	Pump Housing
5	<b>*421332</b>	.50	Bladder (Cut to 8.280 / 8.220 Lg.)
6	<b>65308</b>	1	Pump Body
7	<b>351394</b>	1	Valve Screw (1/2-20 X 25/32 Lg.; Torque to 380/400 in. lbs.)
8	<b>*14874</b>	1	Copper Washer (.700 X 1/2 X 1/32)
9	<b>*13934</b>	1	U-cup & Backup
10	<b>*13938</b>	1	Compression Spring (1.452 O.D. X 4-7/16 Lg.)
11	<b>*304295</b>	1	Retainer (NOTE: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on sheet 3 of 3.)
12	<b>*211052</b>	1	O-ring (.900 X .706 X .097)
13	<b>*12692</b>	1	Compression Spring (3/16 O.D. X 1-11/16" Lg.)
14	<b>*203143</b>	1	Bumper
15	<b>210994</b>	1	Spring Guide
16	<b>*14265</b>	2	Piston Ring
17	<b>*251835</b>	2	O-ring (2-5/16" x 2-1/8 " x 3/32)
18	<b>*28239</b>	1	Gasket
19	<b>33822</b>	1	Piston End Plate Casting
20	<b>*28183</b>	1	Piston Poppet
21	<b>*205679</b>	1	Compression Spring (.485 O.D. X .915 Lg.)
22	<b>205674</b>	1	Flat Head Screw (8-32 X 3/8; Torque to 12/18 in. lbs.)
23	<b>211054</b>	3	Socket Head Screw (10-24 X 1/2; Torque to 50/55 in. lbs.)
24	<b>10241</b>	3	Lockwasher (For #10 bolt)
25	<b>52390</b>	1	Piston Body
26	<b>305475</b>	1	Exhaust Valve Stem
27	<b>58901</b>	1	Rear Head
28	<b>10008</b>	3	Cap Screw (1/4-20 X 3/4 Lg.; Torque to 120/140 in. lbs.)
29	<b>*252349</b>	1	O-ring (2-3/4" X 2.65")
30	<b>28226</b>	1	Piston
31	<b>*10444</b>	1	Compression Spring (3/16 I.D. X 13/32 Lg.)
32	<b>*10375</b>	1	Steel Ball (1/4 Dia.; Seat at assembly)
33	<b>*10378</b>	1	Steel Ball (3/8 Dia.; Seat at assembly)
34	<b>11084</b>	1	Plug Fitting (1/16 NPTF)
35	<b>21278-60</b>	1	Relief Valve (Set at 6100/6700 PSI)
36	<b>351409</b>	1	End Filler Cap
37	<b>*16684</b>	1	O-ring (1-3/16" X 1" X 3/32)
38	<b>*12522</b>	1	O-ring (3/8 X 1/4 X 1/16; Urethane; Note: Apply a small amount of grease at assembly.)
39	<b>250258</b>	1	Screw (1/2-13 X 1/2 Lg.; Note: Apply Loctite 277 or equiv. Cure one hour before testing.)
40	<b>15279</b>	1	O-ring (.50 x .37 Nitrile)
41	<b>*253479</b>	1	Spring (3/8 O.D. X 1" Lg.)
42	<b>*12557</b>	1	O-ring (.34 x .21; Note: Apply a small amount of grease at assembly.)
43	<b>351345</b>	1	Valve Stem

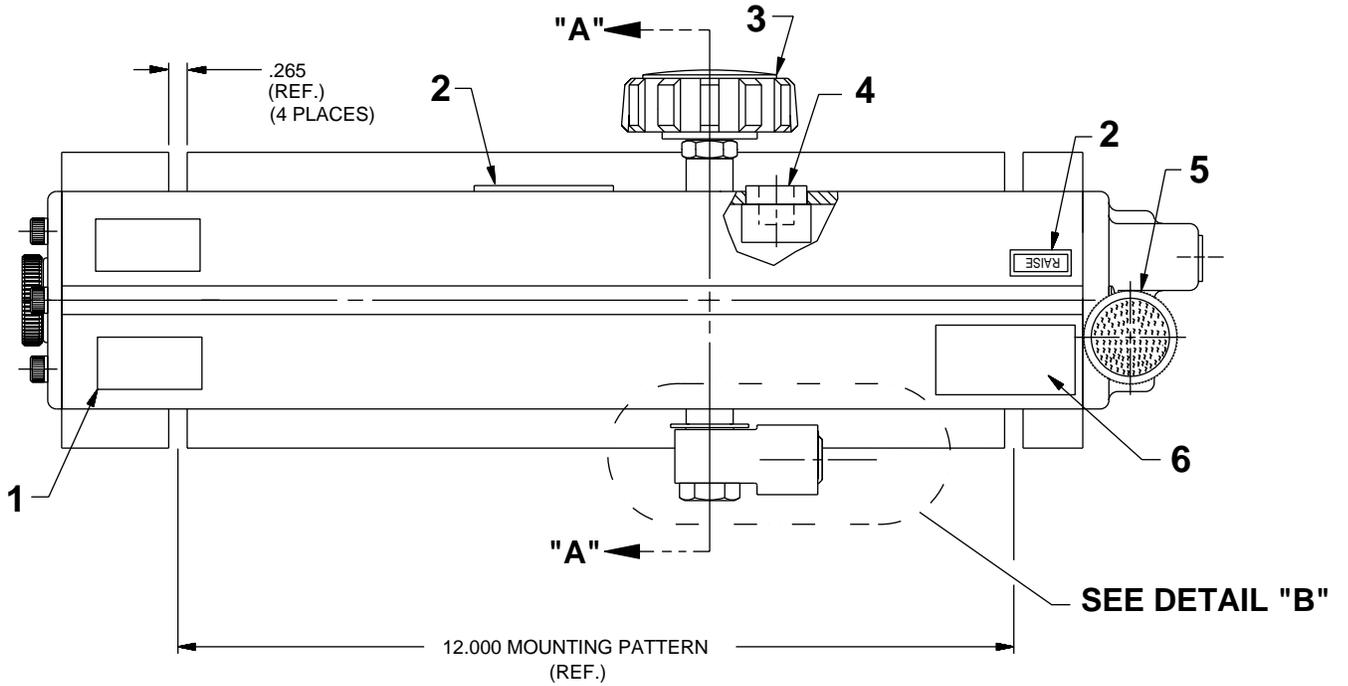
Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300949.



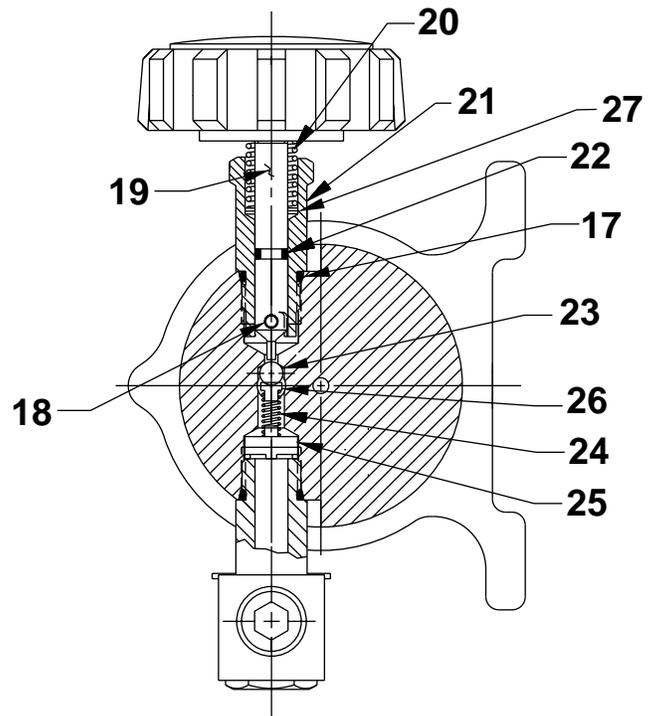
Note: Shaded areas reflect last revision(s) made to this form.



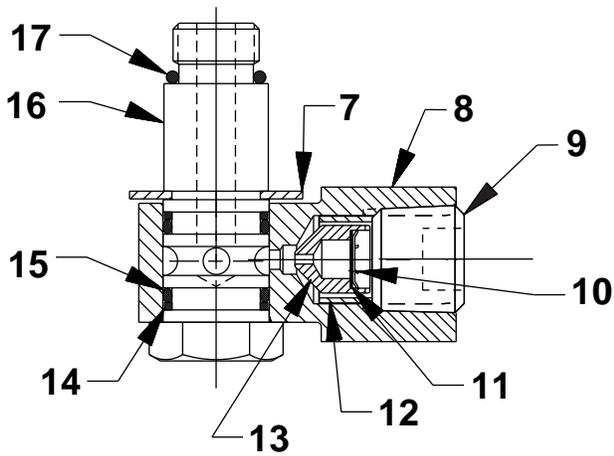
TOP VIEW



SECTION A-A



DETAIL "B"



# Parts List, Form No. 101790, Back sheet 2 of 3

Item No.	Part No.	No. Req'd	Description
1	222142	1	Warning Decal
2	253293	1	Decal (Use "RAISE" portion of decal)
3	351368	1	Knob
4	*252300	2	Muffler
5	351346	1	Knob
6	14350	1	Warning Decal
7	11902	1	External Retainer Ring
8	351450	1	Swivel Block
9	16232	1	Plug Fitting (3/8 NPTF)
10	214596	1	Oil Filter Disc
11	12201	1	Internal Retainer Ring
12	253643	1	Poppet Retainer
13	253075	1	Poppet
14	*12391	2	Backup Washer (11/16 X 9/16 X .048)
15	*11284	2	O-ring (11/16 X 9/16 X 1/16)
16	351375	1	Swivel Fitting
17	*10300	2	O-ring (5/8 X 15/32 X 5/64)
18	10796	1	Dowel Pin (.13 X .50)
19	252535	1	Release Pin
20	*253223	1	Compression Spring (1/2 O.D. X 1" Lg.)
21	351413	1	Pivot Cam (Torque to 280/300 in. lbs.)
22	*10265	1	O-ring (5/16 X 3/16 X 1/16)
23	*10374	1	Steel Ball (7/32" Dia.; Seat at assembly)
24	*14282	1	Compression Spring (1/4 O.D. X 5/8 Lg.)
25	252445	1	Bushing
26	252856	1	Ball Guide
27	253663	2	Washer

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300949.



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.

## INSTRUCTIONS FOR RETAINER REPLACEMENT

Your pump's retainer is locked into place by one of the two following methods. Determine which method was used on your pump's retainer, then follow the appropriate steps to remove the old and install and stake the new.

### Method 1 - Retainer shows no sign of stake marks

1. This retainer has been locked in place with a Loctite product. To replace it, a moderate amount of heat needs to be applied to the cylinder nut (in the area of the retainer) to soften the existing Loctite allowing it to be removed.
2. Install the new retainer into the cylinder nut and torque to 80/100 in. lbs. **Note: Do not use a Loctite product this time but stake the new retainer in place according to instructions in Step 3.**
3. To lock retainer into place, use a center punch positioned in the seam between the retainer and the cylinder nut and stake the new retainer in two places approximately 180° apart.

### Method 2 - Retainer has two stake marks in the seam between the retainer and the cylinder nut

1. For replacement of this retainer, the stake marks must be removed. Using a 1/8" or larger diameter drill bit, remove the existing stakes by drilling a short distance into the stake marks. Remove the retainer.
2. Install the new retainer into the cylinder nut and torque to 80/100 in. lbs.
3. To lock retainer into place, use a center punch positioned in the seam between the retainer and the cylinder nut and stake the new retainer in two places approximately 180° apart.

**NOTE: Do not stake in the old stake marks.**