SPX POWER TEAM®

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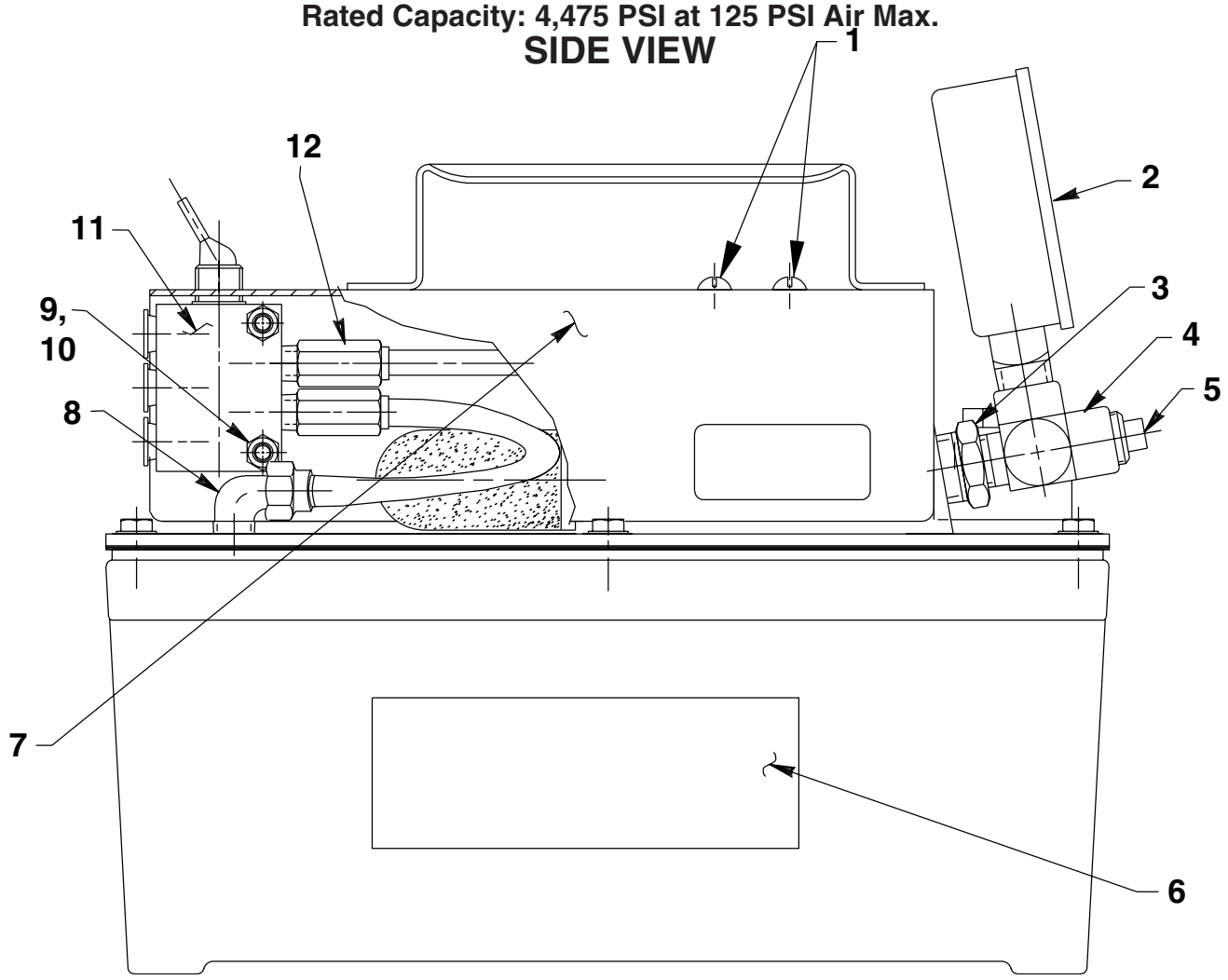
Form No. 101900

Parts List for:

58219

MODEL G
AIR HYDRAULIC PUMP
Rated Capacity: 4,475 PSI at 125 PSI Air Max.

SIDE VIEW



Item No.	Part No.	No. Req'd	Description
1	**10164**	4	Rd. Hd. Machine Screw (#10-24 UNC X 3/8 Lg.)
2	**17946**	1	Pressure Gauge
3	**10676**	1	Straight Fitting
4	**10618**	1	Service Tee
5	**10970**	1	Pipe Plug
6	**211533**	2	Trade Name Decal
7	**420384BK2**	1	Shroud
8	**15457**	1	Elbow
9	**10197**	2	Hex Machine Screw Nut (#10-24 UNC)
10	**11108**	2	Lockwasher (#10 External Tooth)
11	**350329**	1	Air Operated Valve
12	**250464**	3	Connector

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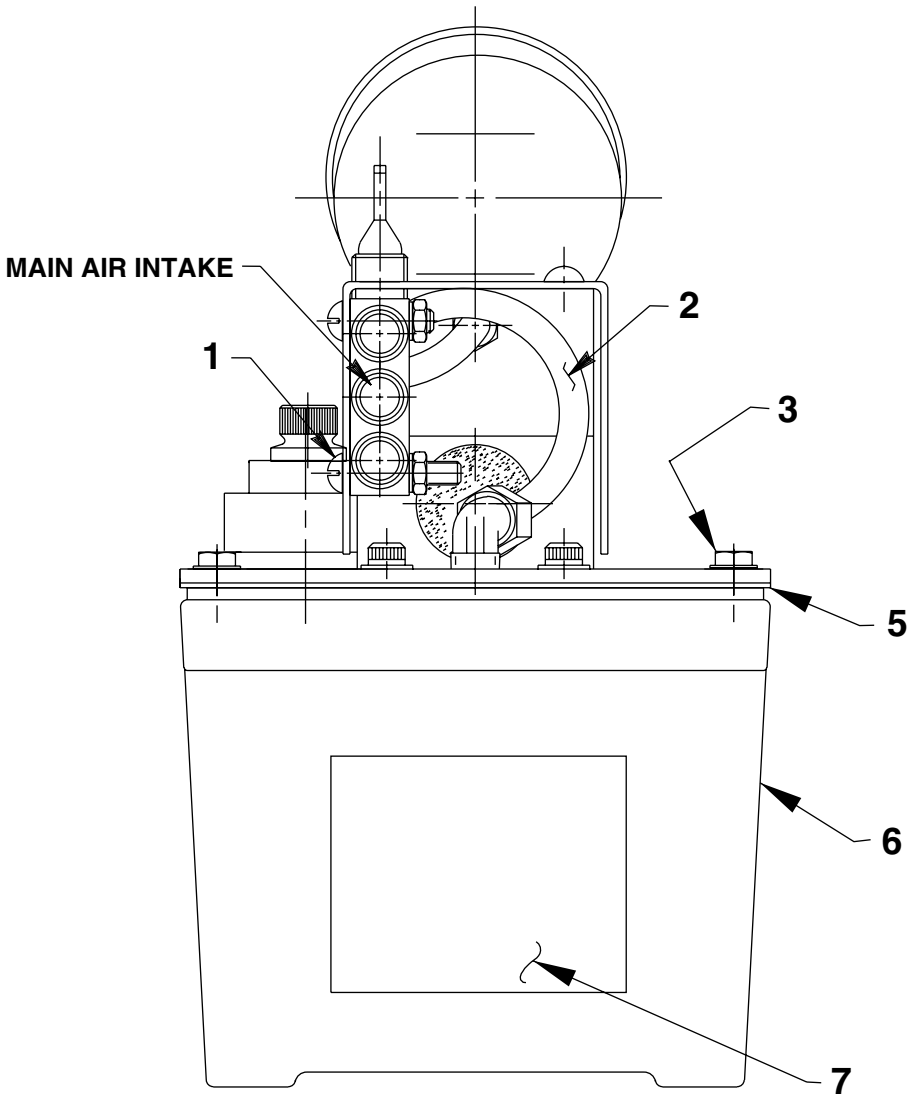
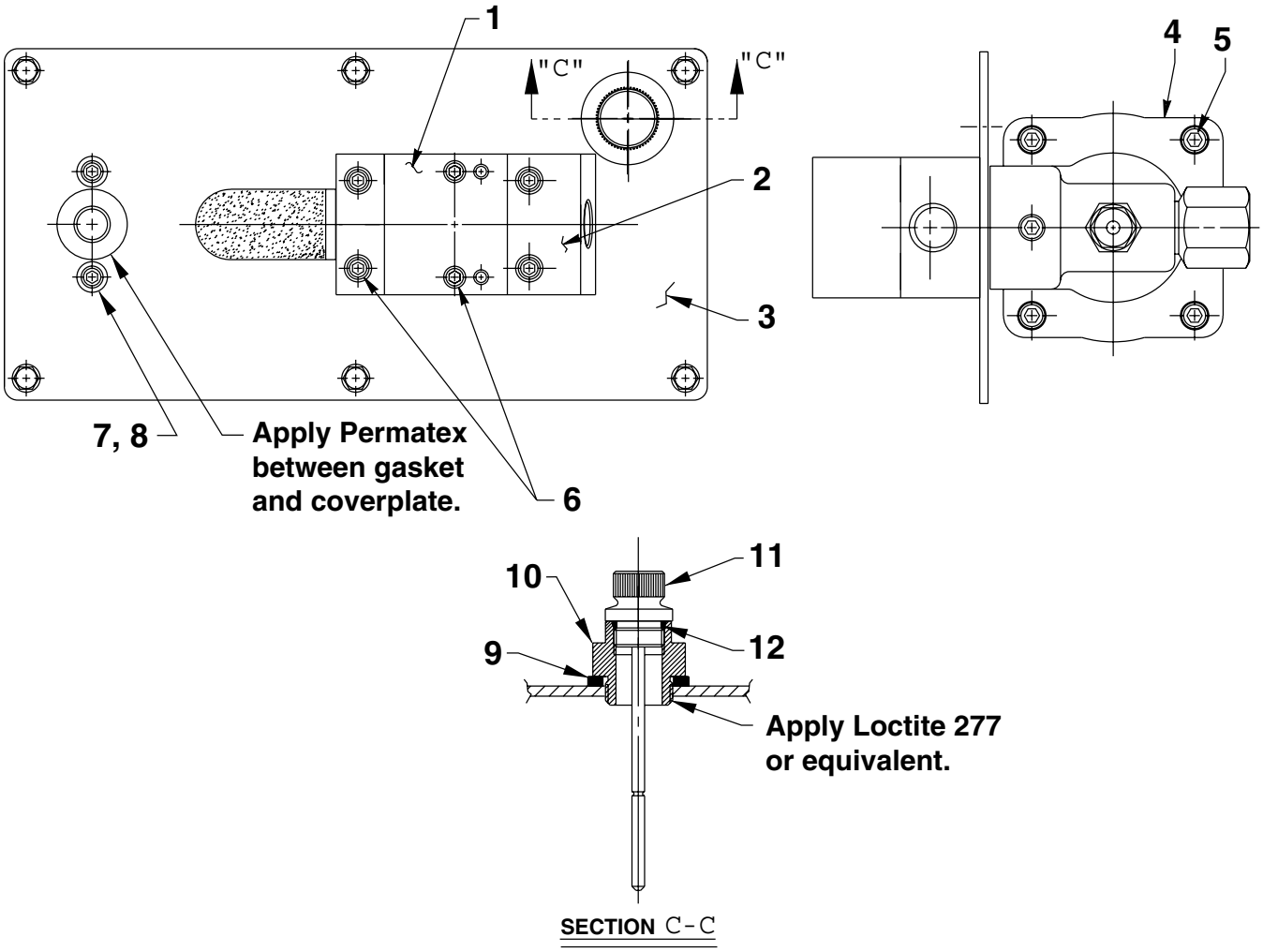
END VIEW



Item No.	Part No.	No. Req'd	Description
1	**11856**	2	Rd. Hd. Machine Screw (#10-24 UNC X 1" Lg.)
2	**14726**	.80 ft.	Tubing
3	**211060**	10	Hex Washer Hd. Screw (#9-15 X 1" Lg.; Torque to 25/30 in. lbs.)
5	***33853**	1	Reservoir Gasket
6	**61243**	1	Reservoir
7	**305494**	1	Decal

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300970.

BASIC PUMP ASSEMBLY
TOP & END VIEW



Item No.	Part No.	No. Req'd	Description
1	**420293**	1	Valve Body
2	**58685**	1	Release Valve
3	**421236BK2**	1	Cover Plate
4	**64767**	1	Pump Body
5	**17428**	4	Soc. Hd. Cap Screw (1/4-20 UNC X 3-1/2" Lg.)
6	**11151**	6	Soc. Hd. Cap Screw (10-24 UNC X 1-1/4" Lg.)
7	**11434**	2	Soc. Hd. Cap Screw (10-24 UNC X 1/2 Lg.)
8	**11089**	2	Washer (No. 10)
9	**252041**	1	Sealing Washer
10	**351214**	1	Filler Plug Adapter
11	**252076**	1	Dipstick Assembly (Includes o-ring [Item #12])
12	***10273**	1	O-ring (13/16 X .644 X .087)

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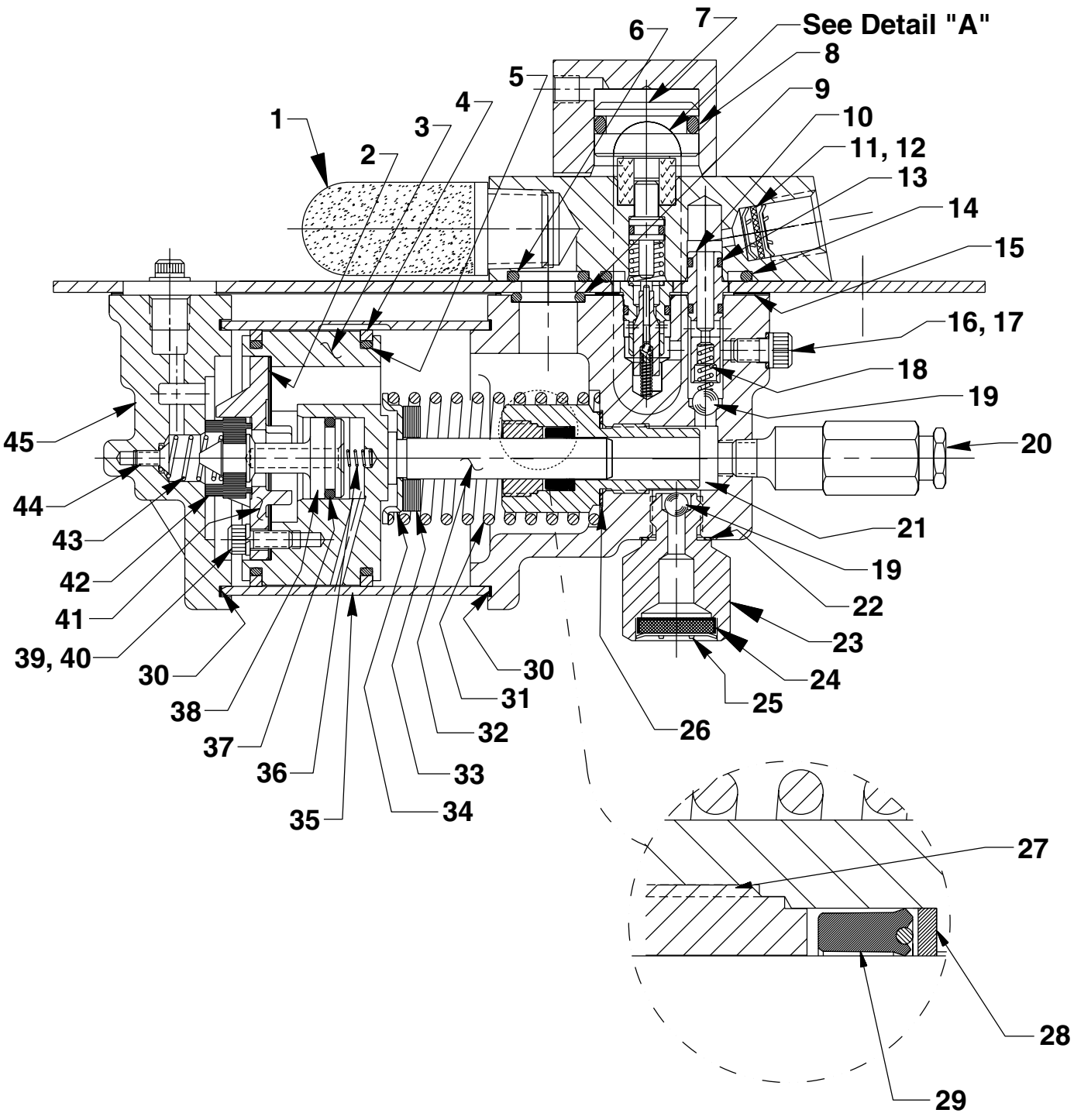
BASIC PUMP ASSEMBLY
SIDE VIEW

To Parts List



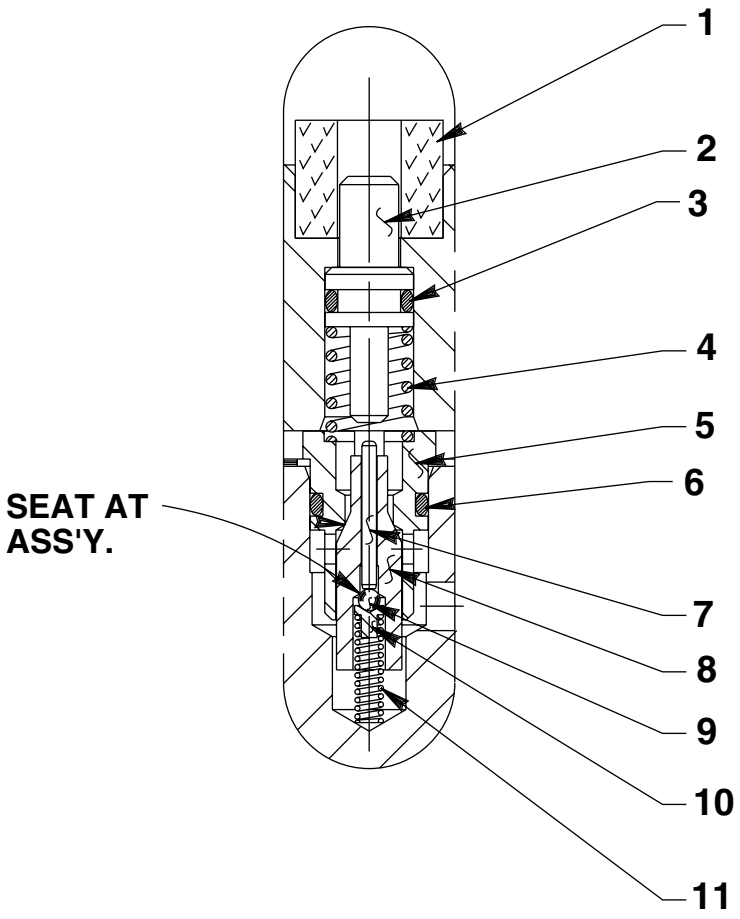
Item No.	Part No.	No. Req'd	Description
1	**250461**	1	Muffler
2	***28239**	1	Gasket
3	**52390**	1	Piston Body
4	***14265**	2	Piston Ring
5	***251835**	2	O-ring (2-1/2" X 2-5/16" X 3/32)
6	***10276**	1	O-ring (1" X 3/4 X 1/8)
7	**34757**	1	Piston Release
8	***208144**	1	O-ring (1-1/2" X 7/8 X 1/8; Apply Moly Kote)
9	***10272**	1	O-ring (3/4 X 9/16 X 3/32)
10	**34378**	1	Check Valve Body
11	***11088**	2	Retaining Ring
12	***250638**	1	Filter Disc
13	***12522**	2	O-ring (3/8 X 1/4 X 1/16; Urethane)
14	***11841**	1	O-ring (1-5/8" x 1-3/8" x 1/8)
15	***351021**	1	Gasket
16	***10442**	1	Plain Washer (3/8 X 1/4 X 1/32)
17	**10002**	1	Soc. Hd. Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 90/110 in. lbs.)
18	***10445**	1	Compression Spring (5/32 O.D. X 3/4 Lg.)
19	***10423**	2	Steel Ball (9/32 dia.)
20	**21278-48**	1	Relief Valve (Set at 4,900/5,300 PSI. Apply loctite 592 [Power Team #905516] or equiv. & torque to 150/170 in. lbs.)
21	***421642**	1	Cylinder (Torque to 90/100 ft. lbs. oiled)
22	***10261**	1	Plain Washer (3/4 X 19/32 X 1/32)
23	**48010**	1	Filter Adapter
24	**214578**	1	Filter
25	**214586**	1	Retaining Ring (Internal)
26	***10263**	1	Plain Washer (1" X .765 X 1/32)
27	***351662**	1	Retainer (Note: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on sheet 4 of 4.)
28	***12488**	1	Backup Washer
30	***17429**	2	Backup Washer (2-15/16" X 2-3/4" X .045)
31	***13938**	1	Compression Spring (1.452 O.D. X 4-7/16" Lg.)
32	***28400**	1	Piston
33	***202613**	1	Bumper
34	***211082**	1	Guide Spring
35	**37434**	1	Air Cylinder (Note: Locate groove on upper half (top) of pump with chamfered tube end towards rear head as shown in illustration on back of sheet 2 of 3.)
36	***12692**	1	Compression Spring (3/16 O.D. X 1-11/16" Lg.)
37	***211052**	1	O-ring (.900 X .706 X .097)
38	**305475**	1	Exhaust Valve Stem
39	***10241**	3	Lockwasher (For #10 bolt)
40	**211054**	3	Soc. Hd. Cap Screw (#10-24 X 1/2 Lg.; Torque to 50/55 in. lbs.)
41	**33822**	1	Piston End Plate
42	**28183**	1	Piston Poppet
43	***205679**	1	Compression Spring (.485 O.D. X .915 Lg.)
44	***205674**	1	Hex Soc. Flat Hd. Cap Screw (8-32 UNC X 3/8 Lg.; Torque to 12/18 in. lbs.)
45	**37468**	1	Rear Head

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300970.

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

To Drawing

DETAIL "A"



Item No.	Part No.	No. Req'd	Description
1	***206504**	1	Foam Tube
2	**28227**	1	Release Valve Button
3	***10266**	1	O-ring (3/8 X 1/4 X 1/16)
4	***13944**	1	Compression Spring (3/8 O.D. X 1/2 Lg.)
5	**34377**	1	Poppet Retainer
6	***15279**	1	O-ring (1/2 X 3/8 X 1/16)
7	**13937**	1	Dowel Pin (Note: Place tapered end toward ball.)
8	**29037**	1	Release Valve Poppet
9	***14443**	1	Metallic Ball (3/32 Dia.)
10	**209736**	1	Ball Retainer
11	***13959**	1	Compression Spring (1/8 O.D. X 1/2 Lg.)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300970.

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.