SPX POWER TEAM®

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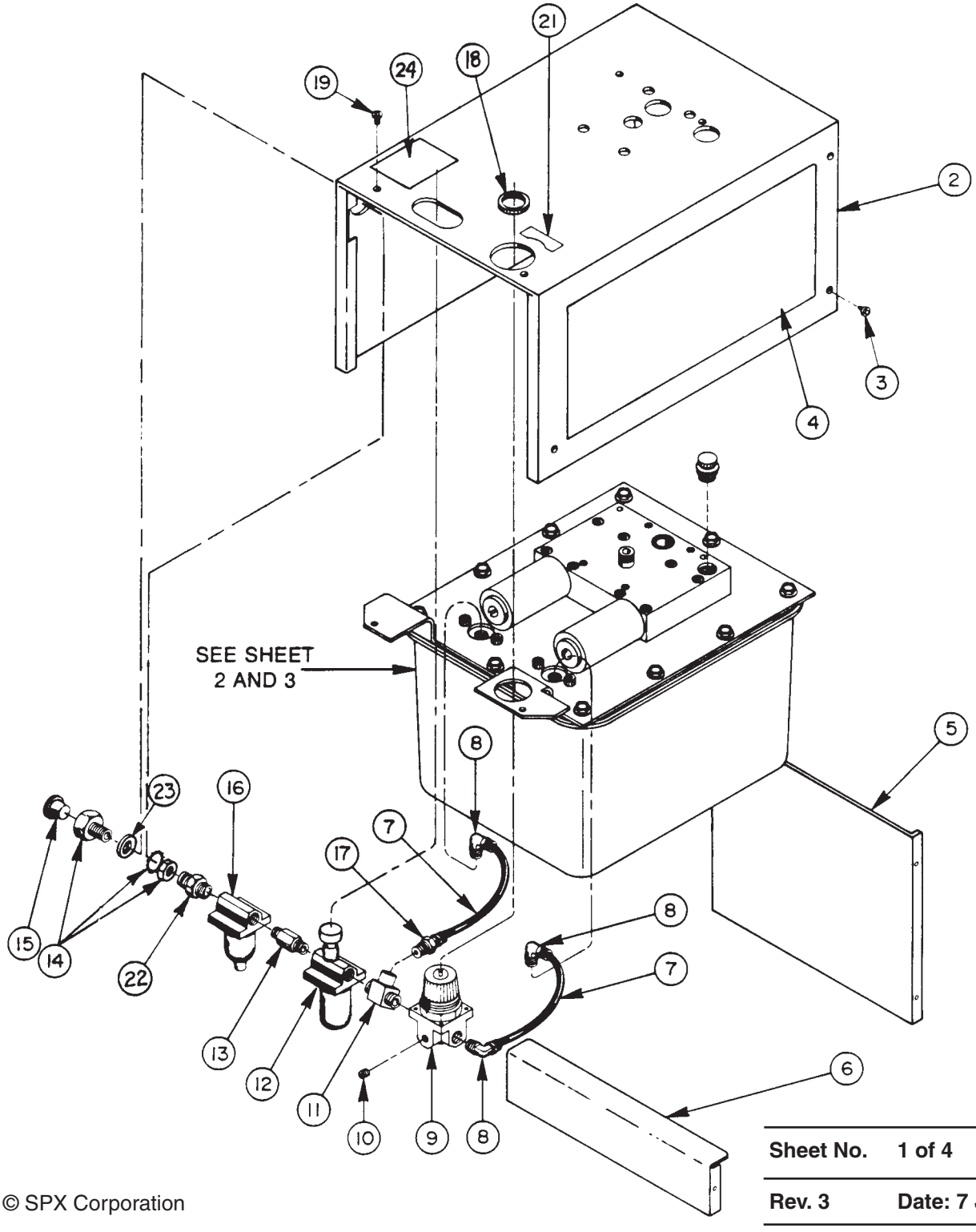
Form No. 100618

Parts List for:

PA60
PA64

MODEL D
TANDEM - TWO STAGE
AIR HYDRAULIC PUMP
Max. Capacity: 10,000 PSI



Item No.	Part No.	No. Req'd	Description
2	**60338WH2**	1	Top Cover
3	**14394**	6	Self-tapping Screw (10-16 X 3/8 Lg.)
4	**309219**	2	Decal (Trade Name)
5	**42382OR9**	1	Front Panel
6	**43481OR9**	1	Back Panel
7	**14726**	2.2 ft.	1/4" Plastic Tubing
8	**15457**	3	Elbow
9	**16492**	1	Mini Air Regulator
10	**10427**	1	Plug
11	**16495**	1	Steel Tee
12	**15009**	1	Air Lubricator (Replacement bowl only - #206264; For Wilkerson model #251076; For Norgren model)
13	**15024**	1	Close Nipple
14	**216671**	1	Fitting
15	**13270**	1	Plastic Plug
16	**15010**	1	Air Filter (Replacement bowl only - #206265; For Wilkerson model #251082; For Norgren model)
17	**250718**	1	Connector Fitting
18	**16614**	1	Mounting Ring
19	**14126**	4	Thread Forming Screw
21	**202076**	1	Decal (Increase-Decrease)
22	**16494**	1	Hex Nipple
23	**12330**	1	Washer
24	**350492**	1	Important Decal

PARTS INCLUDED BUT NOT SHOWN

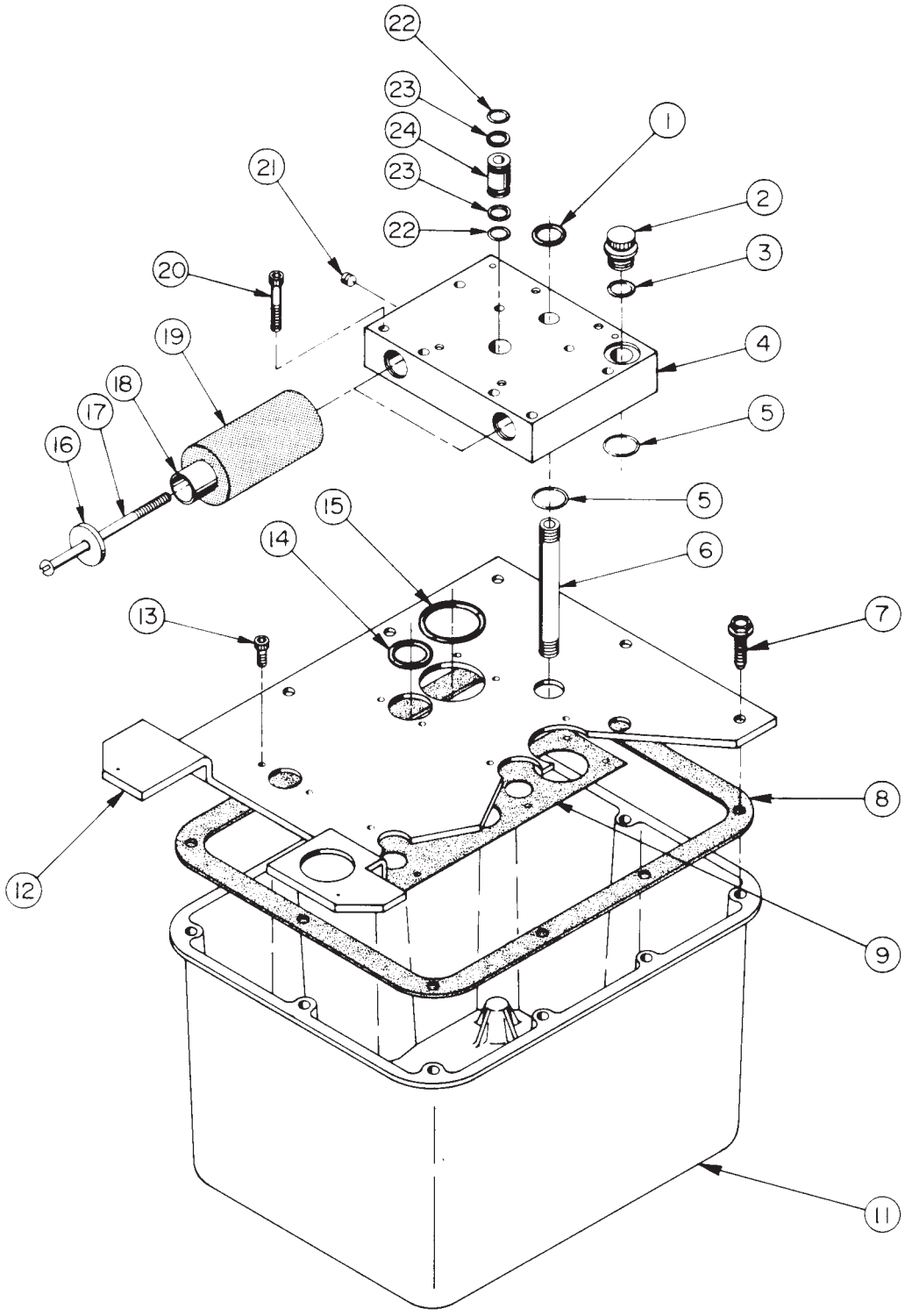
9507	1	4-Way Valve Assembly (Used on PA64 - See Form No. 100628)
9626	1	Manifold Assembly (Used on PA60 - See Form No. 100605)

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.

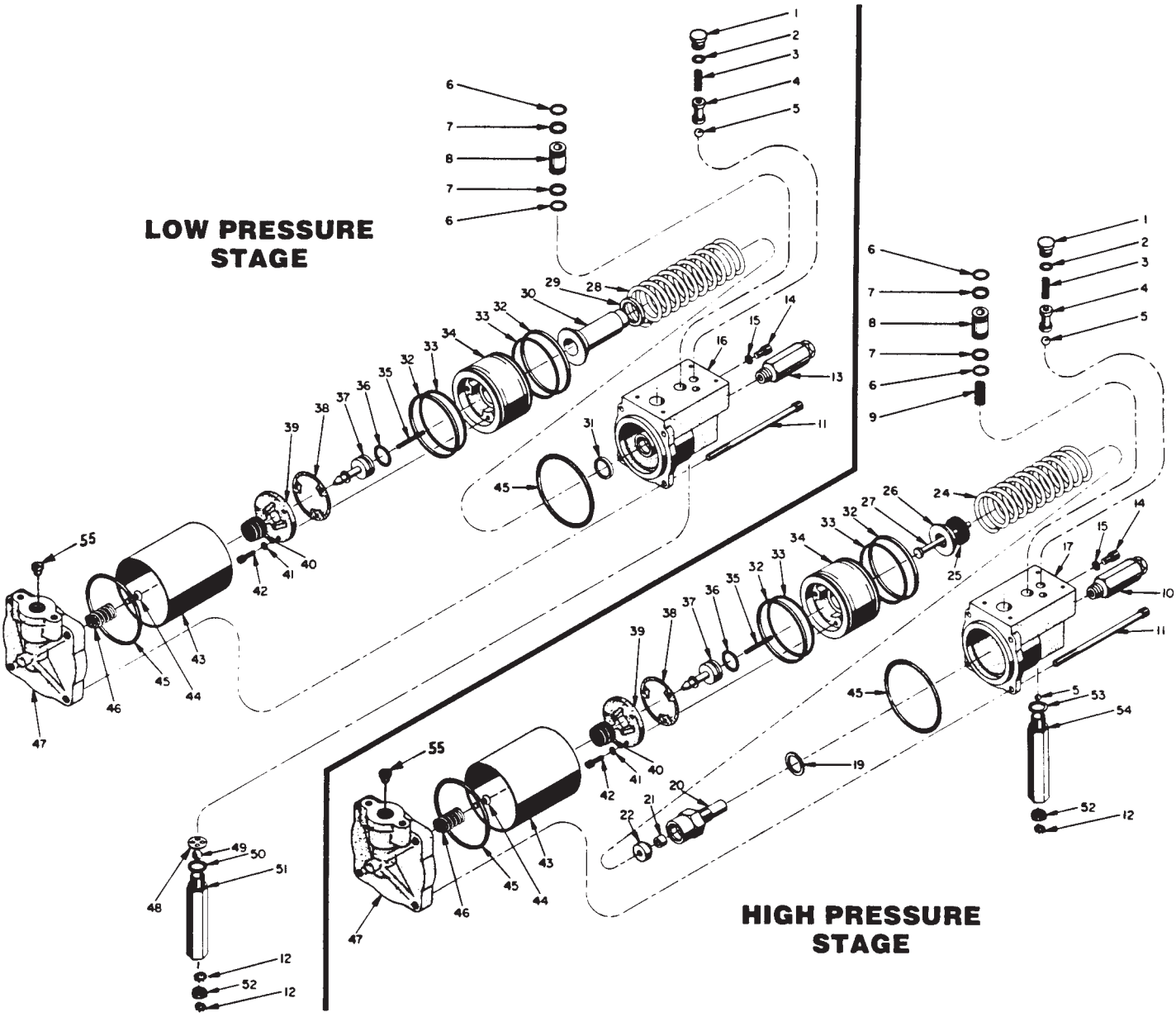
BASIC PUMP UNIT - ABOVE COVER PLATE



Item No.	Part No.	No. Req'd	Description
1	***10274**	1	O-ring (7/8 X 11/16 X 3/32)
2	**24132S**	1	Cap & Gasket Ass'y
4	**60336**	1	Port Block
5	***10304**	2	O-ring (1" X 7/8 X 1/16)
6	**15426**	1	Drain Line
7	**209799**	14	Self-tapping Cap Screw (1/4-10 X 7/8 Lg.; Torque to 35/45 in. lbs.; Four used for Mtg.)
8	***47409**	1	Cover Plate Gasket
9	***34283**	2	Gasket
11	**61165**	1	Reservoir
12	**50903WH2**	1	Cover Plate
13	**11434**	4	Cap Screw (10-24 UNC X 1/2 Lg.; Torque to 50/60 in. lbs.)
14	***251214**	2	O-ring (1.002 X .720 X .141)
15	***251215**	2	O-ring (1.494 X 1.212 X .141)
16	**16450**	2	Steel Washer
17	**16453**	2	Rd. Hd. Screw (#10-24 UNC X 4" Lg.; Apply Loctite 277 or equivalent to external threads.)
18	**28387**	2	Muffler
19	***29992**	2	Foam Tube
20	**11151**	8	Cap Screw (10-24 UNC X 1-1/4" Lg.; Torque to 50/60 in. lbs.)
21	**10427**	1	Plug
22	***10268**	2	O-ring (1/2 X 3/8 X 1/16)
23	***11863**	2	Backup Washer
24	**21094**	1	Bushing

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300447.

BASIC PUMP UNIT - BELOW COVER PLATE



Item No.	Part No.	No. Req'd	Description
1	**36497**	2	Check Valve Body
2	***12522**	2	O-ring (3/8 X 1/4 X 1/16)
3	***10445**	2	Compression Spring (5/32 O.D. X 3/4 Lg.)
4	**202568**	2	Ball Guide
5	***10423**	3	Steel Ball (9/32 Dia.)
6	***10268**	4	O-ring (1/2 X 3/8 X 1/16)
7	***11863**	4	Backup Washer (1/2 X 3/8 X 1/16)
8	**21094**	2	Bushing
9	***16448**	1	Compression Spring (5/16 O.D. X 13/16 Lg.)
10	**21278**	1	Relief Valve Ass'y (Set at 10,100/10,700 PSI)
11	**17428**	8	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.)
12	**214586**	3	Retaining Ring (Internal)
13	**21278-15**	1	Relief Valve Assembly (Set at 1,500/1,700 PSI)
14	**10002**	2	Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 90/110 in. lbs.)
15	***10442**	2	Copper Washer (3/8 X 1/4 X 1/32)
16	**50916**	1	Pump Body
17	**50494**	1	Pump Body
19	***10263**	1	Copper Washer (1" X .765 X 1/32)
20	**45278**	1	Cylinder (Torque to 90/100 ft. lbs.)
21	***13934**	1	U-cup
22	***304295**	1	Retainer Nut (Note: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on sheet 4 of 4.)
24	***13938**	1	Compression spring (1.452 O.D. X 4-7/16" Lg.)
25	***203143**	1	Bumper
26	**210994**	1	Spring Guide
27	**28226**	1	Piston
28	***16584**	1	Compression Spring (1-5/8" O.D. X 4-1/2" Lg.)
29	***202566**	1	Bumper
30	**305791**	1	Piston
31	***16585**	1	U-cup
32	***14265**	4	Piston Ring
33	***251835**	4	O-ring (2-1/2" X 2-5/16" X 3/32)
34	**52390**	2	Piston Body
35	***12692**	2	Spring
36	***211052**	2	O-ring (.900 X .706 X .097)
37	**305475**	2	Exhaust Valve Stem
38	***28239**	2	Gasket
39	**33822**	2	Piston End Plate
40	***28183**	2	Piston Poppet
41	**10241**	6	Lockwasher
42	**211054**	6	Cap Screw (#10-24 X 1/2 Lg.; Torque to 50/55 in. lbs.)
43	**37434**	2	Air Cylinder (Locate groove on upper half of pump.)
44	***205674**	2	Machine Screw (8-32 UNC X 3/8 Lg.; Torque to 12/18 in. lbs.)
45	***17429**	4	Backup Ring
46	***205679**	2	Spring
47	**37468**	2	Rear Head
48	***202347**	1	Ball Stop
49	***10379**	1	Steel Ball (1/2 Dia.)
50	***10653**	1	O-ring (.949 X .755 X .097)
51	**48009**	1	Intake Extension (Torque to 35/40 ft. lbs. oiled)
52	**214578**	2	Filter
53	***10261**	1	Copper Washer (3/4 X 19/32 X 1/32)
54	**48008**	1	Intake Extension (Torque to 35/40 ft. lbs. oiled.)
55	***216296**	2	Filter Disc

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300447.

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

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.

Note: This page added at last revision(s) made to this form.