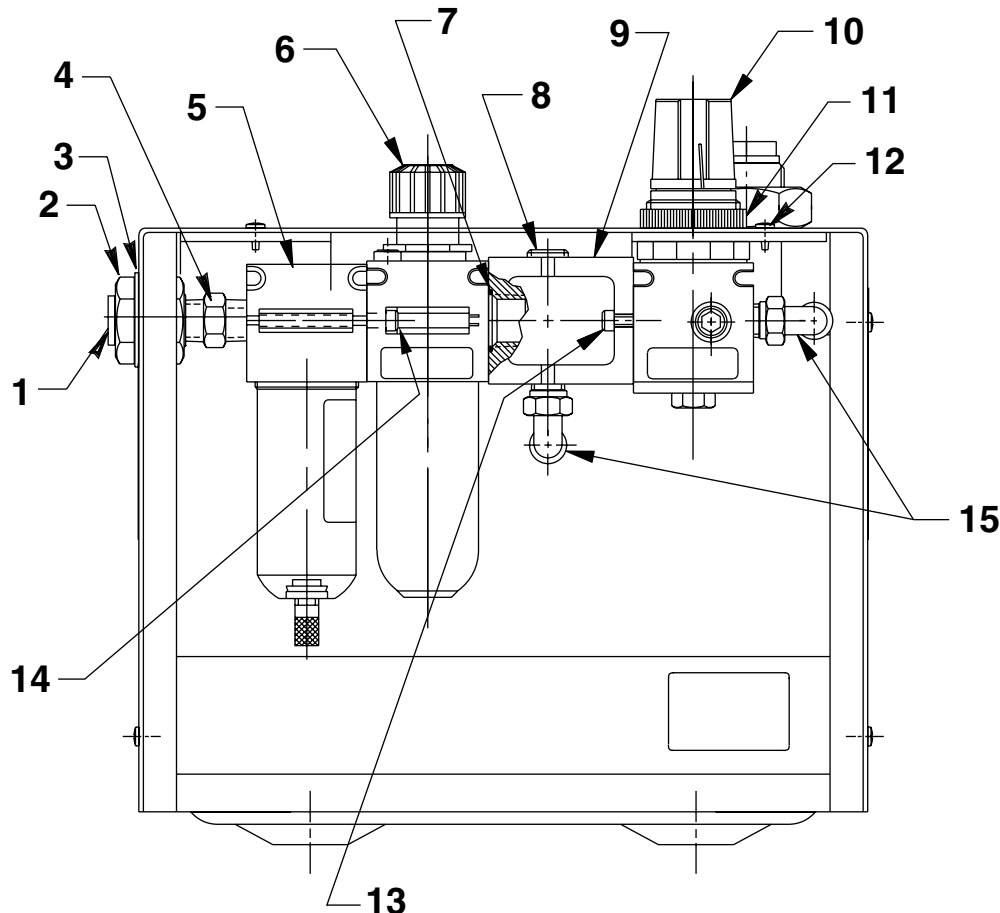
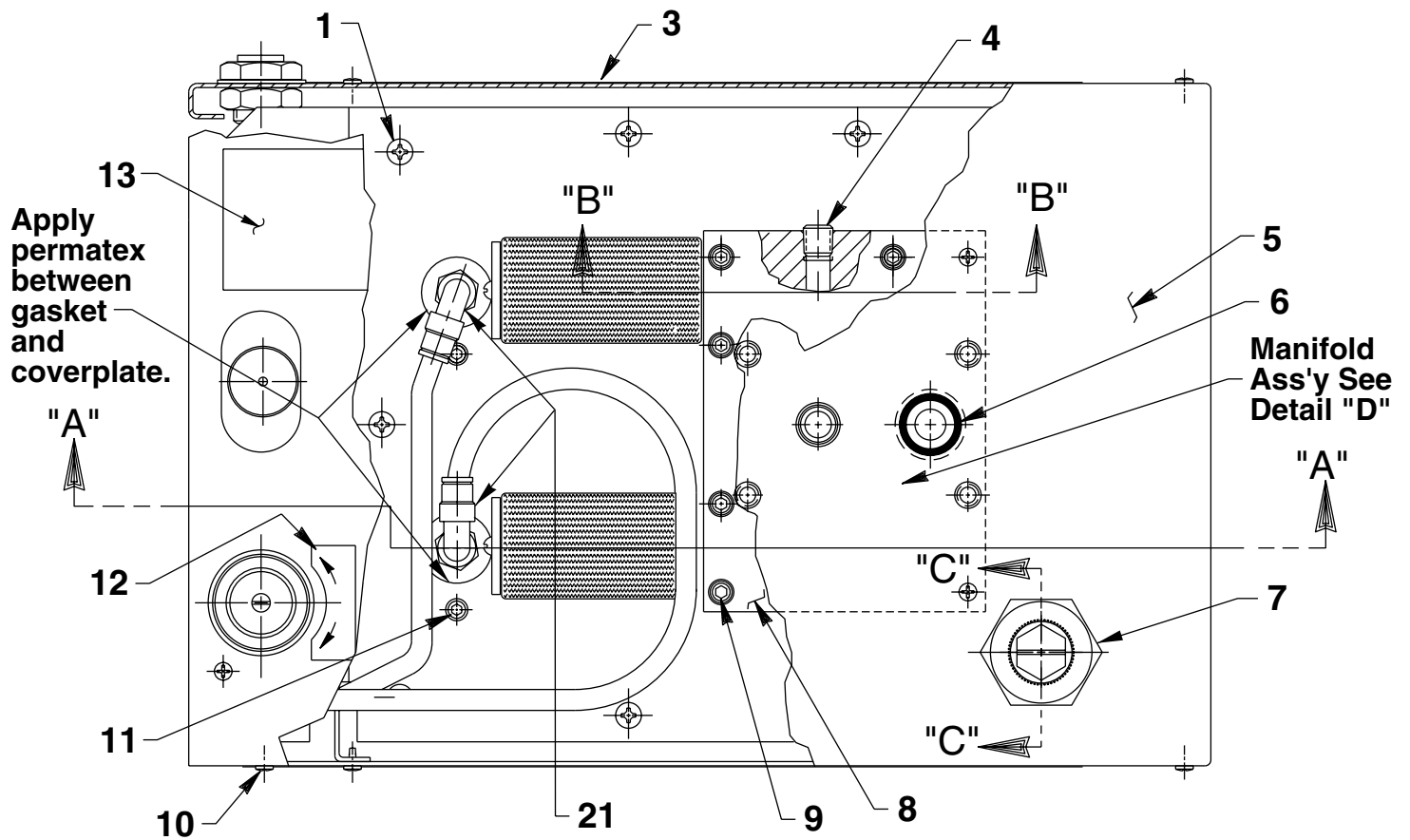


**MODEL G
AIR HYDRAULIC PUMP****Rated Capacity: 4,475 PSI at 125 PSI Air Max.**

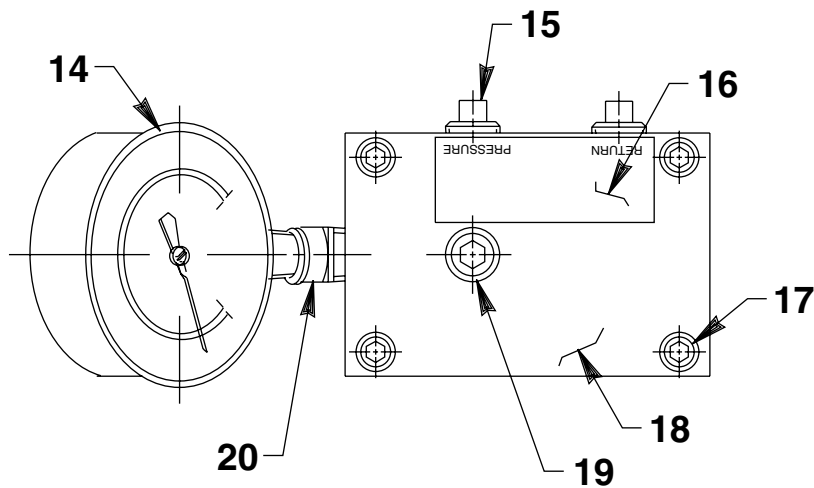
Item No.	Part No.	No. Req'd	Description
1	13270	1	Plastic Cap
2	216671	1	Fitting
3	12330	1	Plain Washer (For 3/4 bolt)
4	16494	1	Hex Nipple
5	351109	1	Filter Assembly (For replacement bowl order no. 251812; For replacement filter order no. 251811)
6	252030	1	Air Lubricator (For replacement bowl order no. 251813)
7	10273	2	O-ring (13/16 x 5/8 x 3/32; Included with connector block [Item #9])

Item No.	Part No.	No. Req'd	Description
8	10479	1	Pipe Plug (1/4 NPTF)
9	252031	1	Connector Block (Includes [2] of Item #7 and [6] of Item #13)
10	252033	1	Air Regulator
11	16614	1	Mounting Ring
12	14126	4	Screw (10-24 x 3/8 Lg.)
13	10826	6	Cap Screw (#8-32 UNC x 1/2 Lg.; Included with connector block [Item #9])
14	252064	2	Cap Screw (#8-32 x 1-3/4" Lg.)
15	15457	2	Fitting

TOP VIEW



DETAIL D



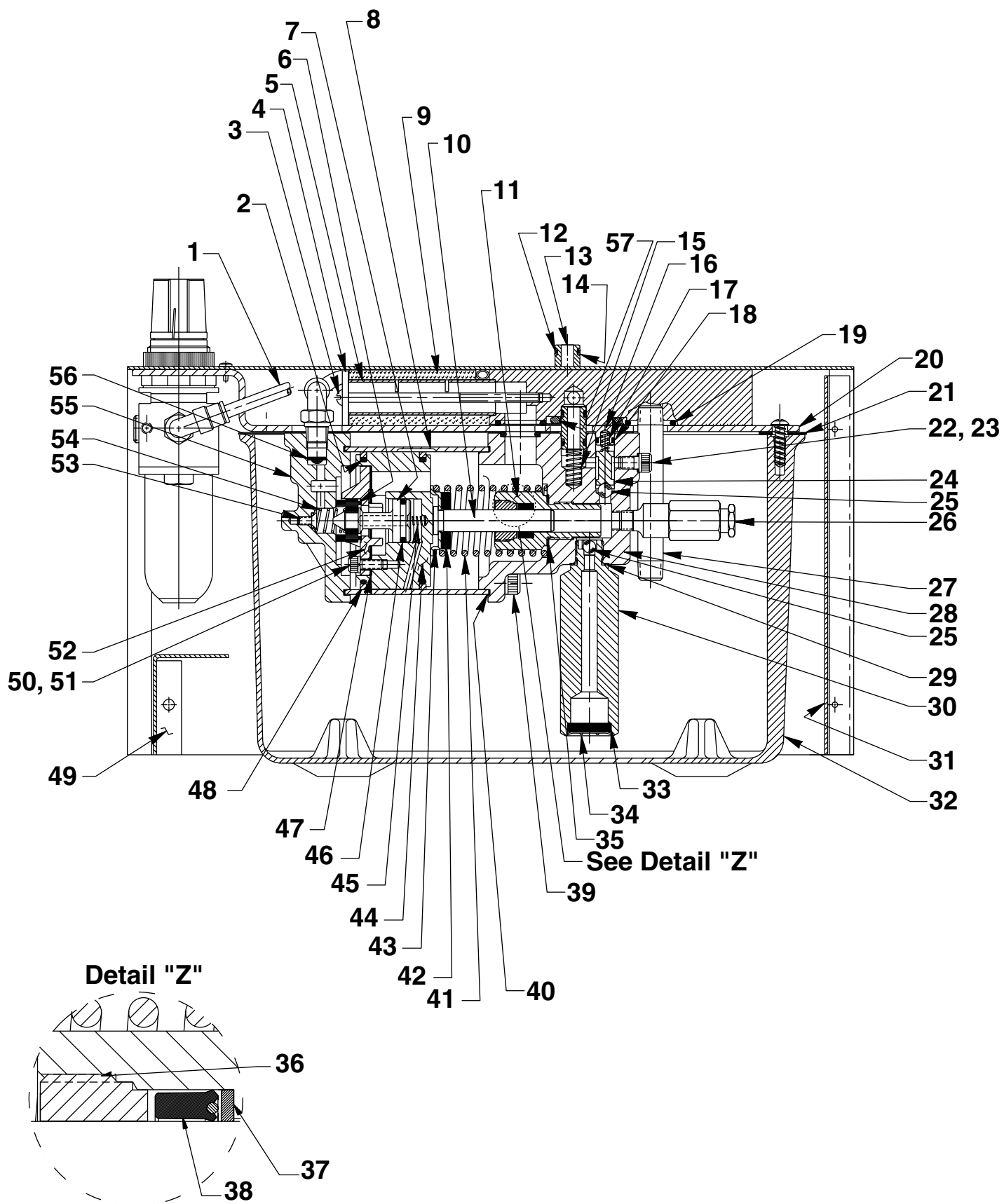
Item No.	Part No.	No. Req'd	Description
1	252168	10	Cap Screw (1/4-10 x 1" Lg. Self-tapping; Torque to 35/45 in. lbs.)
3	309386	2	Decal
4	10427	2	Pressure Plug
5	65062WH2	1	Top Cover
6	*10274	1	O-ring (7/8 x 11/16 x 3/32)
7	252042	1	Hex Jam Nut (1"-14UNS-2B)
8	65071	1	Manifold Block
9	11151	8	Cap Screw (10-24 UNC x 1-1/4" Lg.; Torque to 50/60 in. lbs.)
10	14126	6	Screw (10-24 x 3/8 Lg.)
11	11434	4	Cap Screw (10-24 UNC x 1/2 Lg.; Torque to 50/60 in. lbs.)
12	202076	1	Decal
13	350492	1	Decal
14	17946	1	Pressure Gauge
15	10970	2	Pipe Plug
16	210995	1	Decal
17	10020	4	Cap Screw (1/4-20 UNC x 1-1/4" Lg.)
18	45837	1	Manifold
19	10479	1	Pipe Plug
20	10645	1	45° Street Elbow
21	15457	2	Fitting

PARTS INCLUDED BUT NOT SHOWN

209799	4	Cap Screw (1/4-10 x 7/8 Lg. Self-tapping; Torque to 35/45 in. lbs.; For pump mounting purposes only)
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Part numbers marked with an asterisk (*) are contained in Repai Kit No. 300969.

SECTION A-A

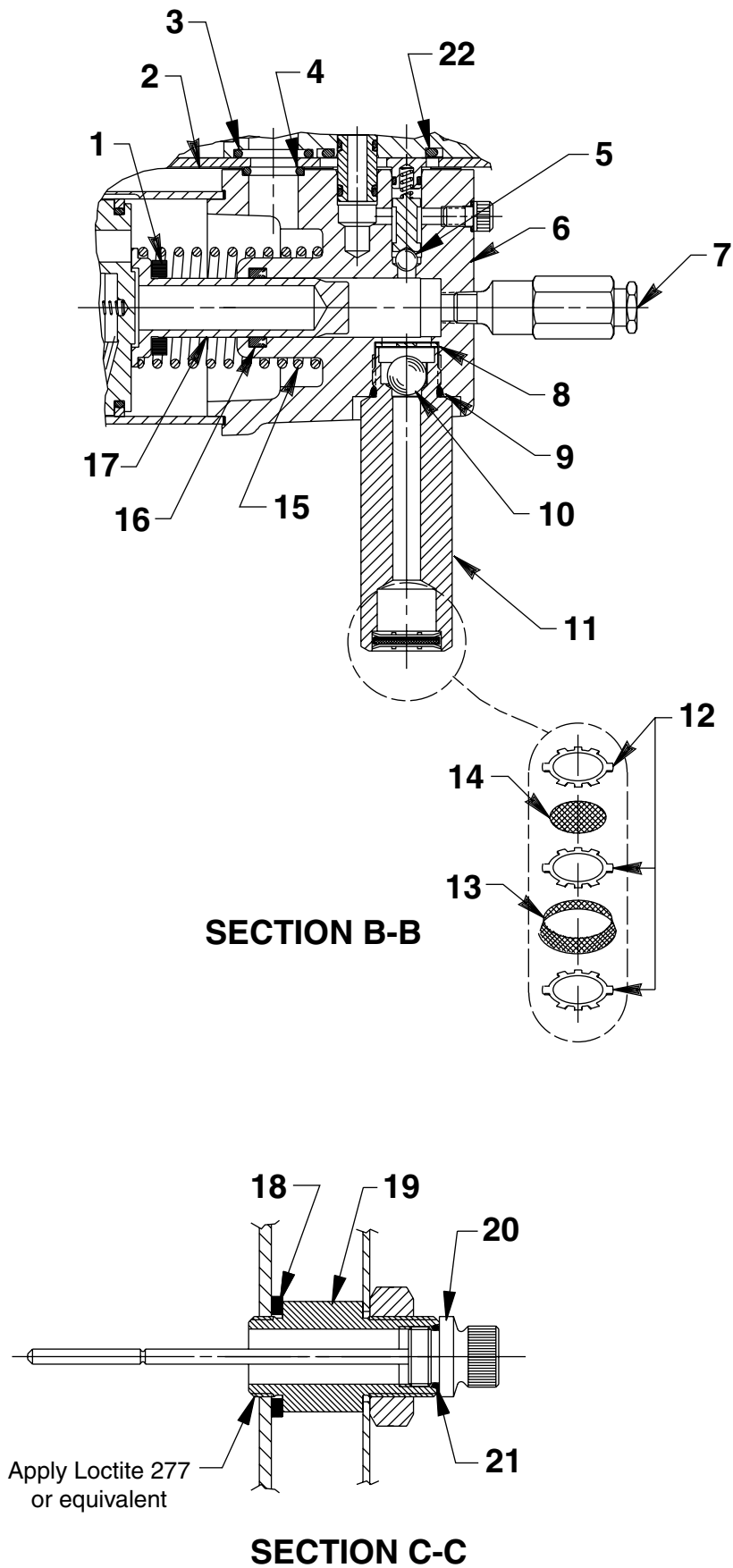


Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	14726	2.2 Ft.	Tubing	31	42382PU2	1	Front Pedal
2	*251835	4	O-ring (2-1/2" x 2-5/16 x 3/32; Nitrile)	32	61165	1	Reservoir
3	16453	2	Screw (#10-24 UNC x 4" Lg.; Note: Apply Loctite No. 277 to external threads.)	33	214578	1	Filter
4	16450	2	Steel Washer (For 1/4 Bolt)	34	214586	3	Internal Retaining Ring
5	28387	2	Muffler	35	*10263	1	Copper Washer (1" x .765 x 1/32)
6	*28183	2	Piston Poppet	36	*351662	1	Retainer (Note: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on back sheet 4 of 4.)
7	305475	2	Exhaust Valve Stem	37	*12488	1	Backup Washer
8	37434	2	Air Cylinder (Note: Locate groove on upper half [top] of pump with chamfered tube end towards rear head [as shown].)	38	*253095	1	U-cup Packing
9	*29992	2	Foam Tube	39	17428	8	Soc. Hd. Cap Screw (1/4-20 UNC x 3-1/2" Lg.; Torque to 85/95 in. lbs.)
10	28400	1	Piston	40	*17429	4	Backup Ring
11	421642	1	Cylinder (Torque to 90/100 ft. lbs. oiled)	41	*13938	1	Spring (1.452 OD x 4-7/16" Lg.)
12	*10268	6	O-ring (1/2 x 3/8 x 1/16)	42	*202613	1	Bumper
13	21094	3	Bushing	43	211082	1	Spring Guide
14	*11863	6	Backup Washer (1/2 x 3/8 x 1/16)	44	52390	2	Piston Body
15	*16448	1	Compression Spring (5/16 OD x 13/16 Lg.)	45	*12692	2	Compression Spring (3/16 OD x 1-11/16" Lg.)
16	36497	2	Check Valve Retainer	46	*211052	2	O-ring (.900 x .706 x .097)
17	*10445	2	Compression Spring (5/32 OD x 3/4 Lg.)	47	*28239	2	Gasket
18	*12522	2	O-ring (38 x 1/4 x 1/16; Urethane)	48	*14265	4	Piston Ring
19	*10276	1	O-ring (1" x 3/4 x 1/8)	49	421211PU2	1	Back Panel
20	65063WH2	1	Cover Plate	50	211054	6	Screw (#10-24 x 1/2 Lg.; Torque to 50/55 in. lbs.)
21	*47409	1	Gasket	51	*10241	6	Lockwasher (For #10 bolt)
22	10002	2	Cap Screw (14-20 UNC x 3/8 Lg.; Torque to 90/100 in. lbs.)	52	33822	2	Piston End Plate
23	*10442	2	Washer (3/8 x 1/4 x 1/32)	53	*205674	2	Screw (8-32 UNC x 3/8 Lg.; Torque to 12/18 in. lbs.)
24	202568	2	Ball Guide	54	*205679	2	Compression Spring (.485 OD x .915 Lg.)
25	*10423	2	Steel Ball (Seat at assembly)	55	37468	2	Rear Head
26	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.)	56	*216296	2	Filter Disc
27	15426	1	Pipe Nipple	57	*11841	1	O-ring (1.62 x 1.37 Nitrile)
28	64767	1	Pump Body				
29	*10261	1	Copper Washer (3/4 x 19/32 x 1/32)				
30	48008	1	Filter Adapter (Torque to 35/40 ft. lbs. oiled)				

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300969.

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

SECTIONS B-B & C-C

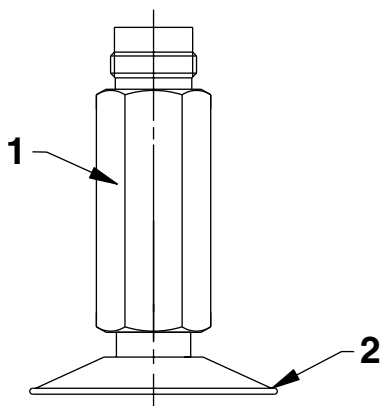


Item No.	Part No.	No. Req'd	Description
1	*202566	1	Bumper
2	*351021	2	Gasket
3	*10276	2	O-ring (1" x 3/4 x 1/8)
4	*10272	2	O-ring (3/4 x 9/16 x 3/32)
5	*10423	1	Steel Ball (9/32 Dia.)
6	58746	1	Pump Body
7	21278-15	1	Relief Valve (Set at 1,500/1,700 PSI)
8	212347	1	Ball Stop
9	*10653	1	O-ring (.949 x .755 x .097)
10	*10379	1	Steel Ball (1/2 Dia.; Seat at assembly)
11	48009	1	Filter Adapter (Torque to 35/40 ft. lbs. oiled; See below)
12	214586	3	Internal Retaining Ring
13	214578	1	Filter
14	214595	1	Filter Screen
15	16584	1	Compression Spring (1-5/8" OD x 4-1/2" Lg.)
16	*16585	1	Packing
17	305791	1	Piston
18	252041	1	Sealing Washer
19	351190	1	Filter Assembly
20	251934	1	Dipstick Assembly
21	*10273	1	O-ring (13/16 x 5/8 x 3/32)
22	*11841	1	O-ring (1.62 x 1.37 Nitrile)

} on pumps built before 6/1/98

FILTER ADAPTER ASSEMBLIES AFTER 6/1/98

(Reference Part Numbers 48008 & 48009)



Item No.	Part No.	No. Req'd	Description
1	422017	1	Filter Adapter (For 48008)
	422018	1	Filter Adapter (For 48009)
2	29682	1	Filter

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.

