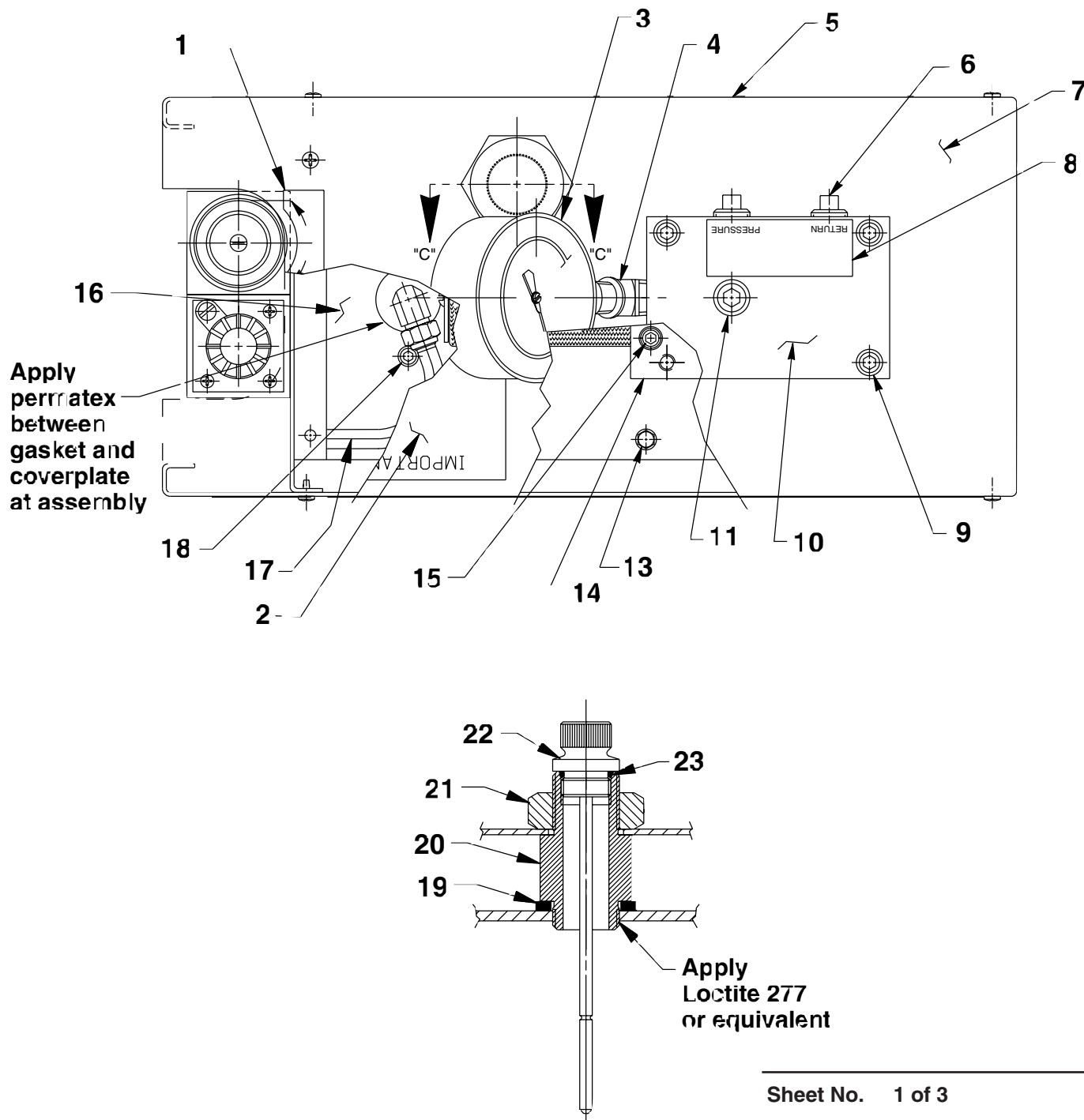


### MODEL G AIR HYDRAULIC PUMP Rated Capacity: 4,475 PSI at 125 PSI Air Max.



| Item No. | Part No. | No. Req'd | Description                                                  |
|----------|----------|-----------|--------------------------------------------------------------|
| 1        | 202076   | 1         | Decal                                                        |
| 2        | 350492   | 1         | Decal                                                        |
| 3        | 17946    | 1         | Pressure Gauge                                               |
| 4        | 10645    | 1         | 45° Street Elbow                                             |
| 5        | 309386   | 2         | Decal                                                        |
| 6        | 10970    | 2         | Pipe Plug                                                    |
| 7        | 58760WH2 | 1         | Top Cover                                                    |
| 8        | 210995   | 1         | Manifold Decal                                               |
| 9        | 10020    | 4         | Cap Screw (1/4-20 UNC x 1-1/4" Lg.)                          |
| 10       | 45837    | 1         | Manifold                                                     |
| 11       | 10479    | 1         | Pipe Plug                                                    |
| 13       | 211060   | 6         | Screw (#9-15 x 1" Lg.; Torque to 25/30 in. lbs.)             |
| 14       | 58714    | 1         | Manifold                                                     |
| 15       | 11151    | 4         | Cap Screw (10-24 UNC x 1-1/4" Lg.; Torque to 50/60 in. lbs.) |
| 16       | 58761WH2 | 1         | Cover Plate                                                  |
| 17       | 14726    | .33 ft.   | Tubing                                                       |
| 18       | 11434    | 2         | Cap Screw (10-24 UNC x 1/2 Lg.; Torque to 50/60 in. lbs.)    |
| 19       | 252041   | 1         | Sealing Washer                                               |
| 20       | 351190   | 1         | Filler Plug Adapter                                          |
| 21       | 252042   | 1         | Hex Jam Nut                                                  |
| 22       | 252070   | 1         | Dipstick Assembly                                            |
| 23       | *10273   | 1         | O-ring (13/16 x 5/8 x 3/32)                                  |

## PARTS INCLUDED BUT NOT SHOWN

|        |   |                                                                                          |
|--------|---|------------------------------------------------------------------------------------------|
| 211060 | 4 | Screw (#9-15 x 1" Lg.; Torque to 25/30 in. lbs.; Note: for pump mounting purposes only.) |
|--------|---|------------------------------------------------------------------------------------------|

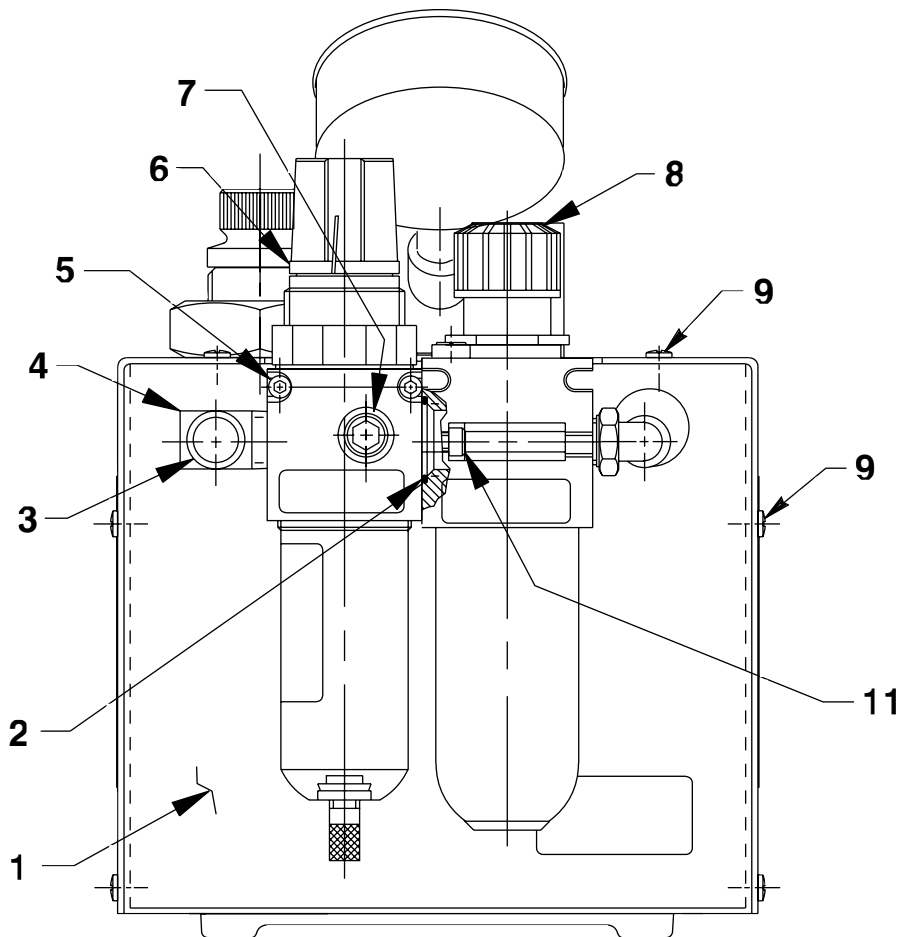
Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300968.

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 Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.

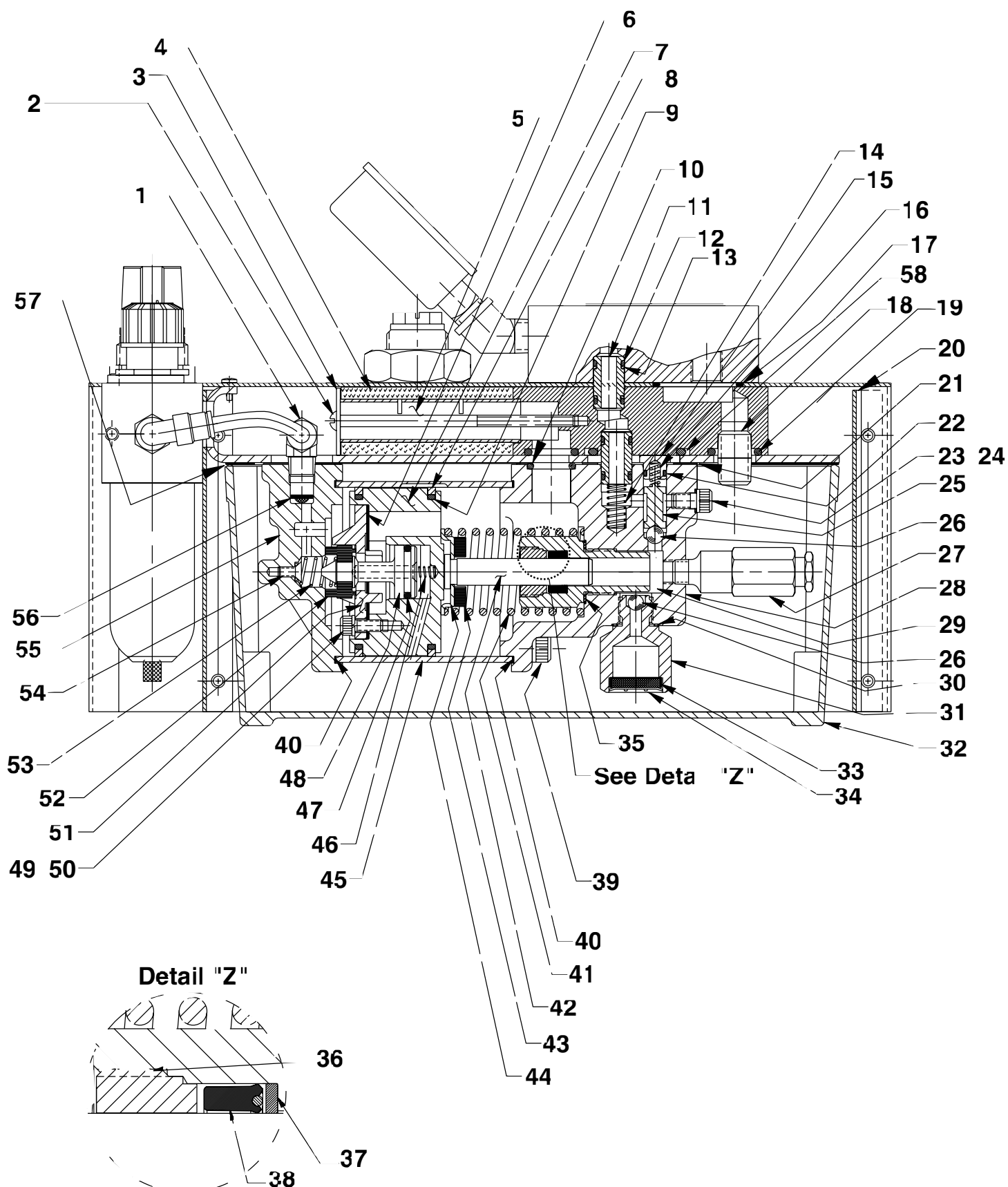
## END VIEW



| Item No. | Part No.  | No. Req'd | Description                                                                                                |
|----------|-----------|-----------|------------------------------------------------------------------------------------------------------------|
| 1        | 421229PU2 | 1         | Front Panel                                                                                                |
| 2        | *10273    | 1         | O-ring (13/16 x 5/8 x 3/32)                                                                                |
| 3        | 14794     | 1         | Plastic Cap                                                                                                |
| 4        | 15373     | 1         | Elbow                                                                                                      |
| 5        | 252064    | 2         | Soc. Hd. Cap Screw                                                                                         |
| 6        | 252032    | 1         | Filter Regulator Assembly (For replacement bowl order no. 251812; For replacement filter order no. 251811) |
| 7        | 15499     | 2         | Pipe Plug                                                                                                  |
| 8        | 252030    | 1         | Air Lubricator (For replacement bowl order no. 251813)                                                     |
| 9        | 14126     | 10        | Screw (10-24 x 3/8 Lg.)                                                                                    |
| 11       | 10826     | 2         | Cap Screw (#8-32 UNC x 1/2Lg.)                                                                             |

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300968.

## BASIC PUMP ASSEMBLY



| Item No. | Part No.        | No. Req'd | Description                                                                                                          | Item No. | Part No.       | No. Req'd | Description                                                                                                                   |
|----------|-----------------|-----------|----------------------------------------------------------------------------------------------------------------------|----------|----------------|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| 1        | <b>15457</b>    | 2         | Elbow                                                                                                                | 32       | <b>61243</b>   | 1         | Reservoir                                                                                                                     |
| 2        | <b>16453</b>    | 1         | Screw (#10-24 UNC x 4" Lg.; Apply Loctite)                                                                           | 33       | <b>214578</b>  | 1         | Filter                                                                                                                        |
| 3        | <b>16450</b>    | 1         | Steel Washer (For 1/4 Bolt)                                                                                          | 34       | <b>214586</b>  | 1         | Internal Retaining Ring                                                                                                       |
| 4        | <b>*29992</b>   | 1         | Foam Tube                                                                                                            | 35       | <b>*10263</b>  | 1         | Copper Washer (1" x .765 x 1/32)                                                                                              |
| 5        | <b>28387</b>    | 1         | Muffler                                                                                                              | 36       | <b>*351662</b> | 1         | Retainer (Note: See "INSTRUCTIONS FOR RETAINER REPLACEMENT" on back sheet 3 of 3)                                             |
| 6        | <b>*28239</b>   | 1         | Gasket                                                                                                               | 37       | <b>*12488</b>  | 1         | Backup Washer                                                                                                                 |
| 7        | <b>52390</b>    | 1         | Piston Body                                                                                                          | 38       | <b>*253095</b> | 1         | U-cup Packing                                                                                                                 |
| 8        | <b>*14265</b>   | 2         | Piston Ring                                                                                                          | 39       | <b>17428</b>   | 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.) |
| 9        | <b>*251835</b>  | 2         | O-ring (2-1/2" x 2-5/16" x 3/32)                                                                                     | 40       | <b>*17429</b>  | 2         | Backup Ring (2-15/16" x 2-3/4" x .045)                                                                                        |
| 10       | <b>*10272</b>   | 1         | O-ring (3/4 x 9/16 x 3/32)                                                                                           | 41       | <b>*13938</b>  | 1         | Spring (1.452 OD x 4-7/16" Lg.)                                                                                               |
| 11       | <b>21094</b>    | 2         | Bushing                                                                                                              | 42       | <b>28400</b>   | 1         | Piston                                                                                                                        |
| 12       | <b>*10268</b>   | 4         | O-ring (1/2 x 3/8 x 1/16)                                                                                            | 43       | <b>202613</b>  | 1         | Bumper                                                                                                                        |
| 13       | <b>*11863</b>   | 4         | Backup Washer (1/2 x 3/8 x 1/16)                                                                                     | 44       | <b>211082</b>  | 1         | Spring Guide                                                                                                                  |
| 14       | <b>*16448</b>   | 1         | Compression Spring (5/16 OD x 13/16 Lg.)                                                                             | 45       | <b>37434</b>   | 1         | Air cylinder (Note: Locate groove on upper half (Top) of pump with chamfered tube end towards rear head as shown.)            |
| 15       | <b>36497</b>    | 1         | Check Valve Retainer                                                                                                 | 46       | <b>*12692</b>  | 1         | Compression Spring (3/16 OD x 1-11/16" Lg.)                                                                                   |
| 16       | <b>*10445</b>   | 1         | Compression Spring (5/32 OD x 3/4 Lg.)                                                                               | 47       | <b>*211052</b> | 1         | O-ring (.900 x .706 x .097)                                                                                                   |
| 17       | <b>*16684</b>   | 1         | O-ring (1-3/16" x 1" x 3/32)                                                                                         | 48       | <b>305475</b>  | 1         | Exhaust Valve Stem                                                                                                            |
| 18       | <b>15024</b>    | 1         | Close Nipple                                                                                                         | 49       | <b>10241</b>   | 3         | Lockwasher (For #10 bolt)                                                                                                     |
| 19       | <b>*10276</b>   | 2         | O-ring (1" x 3/4 x 1/8)                                                                                              | 50       | <b>211054</b>  | 3         | Screw (#10-24 x 1/2 Lg.; Torque to 50/55 in. lbs.)                                                                            |
| 20       | <b>42357PU2</b> | 1         | Front Panel                                                                                                          | 51       | <b>33822</b>   | 1         | Piston End Plate                                                                                                              |
| 21       | <b>*351021</b>  | 1         | Gasket                                                                                                               | 52       | <b>*28183</b>  | 1         | Piston Poppet                                                                                                                 |
| 22       | <b>*12522</b>   | 1         | O-ring (3/8 x 1/4 x 1/16)                                                                                            | 53       | <b>*205679</b> | 1         | Compression Spring                                                                                                            |
| 23       | <b>*10442</b>   | 2         | Washer (3/8 x 1/4 x 1/32)                                                                                            | 54       | <b>205674</b>  | 1         | Screw (8-32 UNC x 3/8 Lg.; torque to 12/18 in. lbs.)                                                                          |
| 24       | <b>10002</b>    | 1         | Cap Screw (1/4-20 UNC x 3/8 Lg.; Torque to 90/110 in. lbs.)                                                          | 55       | <b>37468</b>   | 1         | Rear Head                                                                                                                     |
| 25       | <b>202568</b>   | 1         | Ball Guide                                                                                                           | 56       | <b>*216296</b> | 1         | Filter Disc                                                                                                                   |
| 26       | <b>*10423</b>   | 2         | Steel Ball (9/32 Dia.)                                                                                               | 57       | <b>*33853</b>  | 1         | Reservoir Gasket                                                                                                              |
| 27       | <b>21278-48</b> | 1         | Relief Valve (Set at 4,900/5,300 PSI. Apply Loctite 592 [Power Team #905516] or equiv. & torque to 150/170 in. lbs.) | 58       | <b>*11841</b>  | 1         | O-ring (1.62 x 1.37 Nitrile)                                                                                                  |
| 28       | <b>64767</b>    | 1         | Pump Body                                                                                                            |          |                |           |                                                                                                                               |
| 29       | <b>421642</b>   | 1         | Cylinder (Torque to 90/100 ft. lbs. oiled)                                                                           |          |                |           |                                                                                                                               |
| 30       | <b>*10261</b>   | 1         | Copper Washer (3/4 x 19/32 x 1/32)                                                                                   |          |                |           |                                                                                                                               |
| 31       | <b>48010</b>    | 1         | Filter Adapter (Torque to 40/50 ft. lbs. oiled)                                                                      |          |                |           |                                                                                                                               |

Part numbers marked with an asterisk (\*) are contained in Repair Kit No. 300968.

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.**

