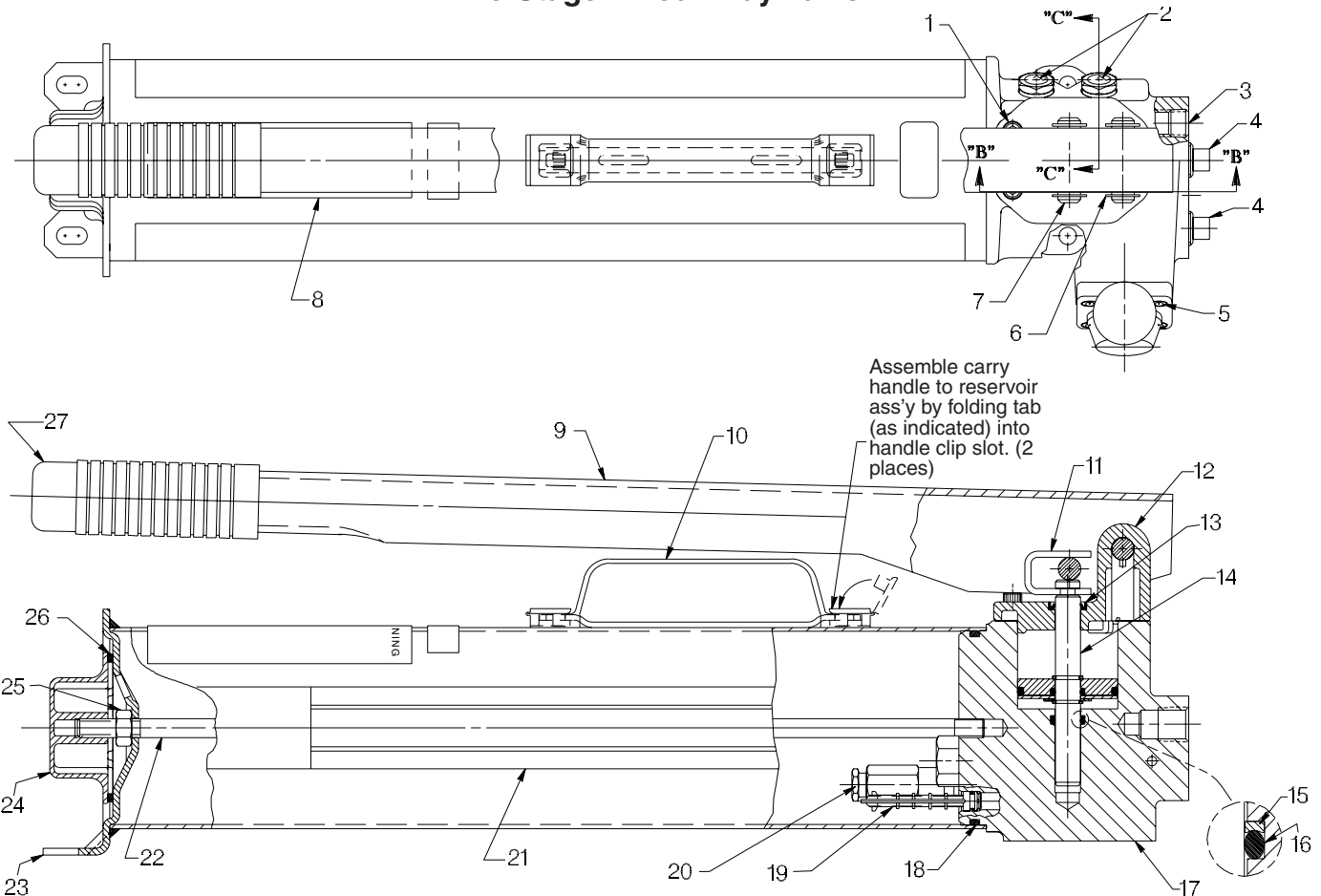
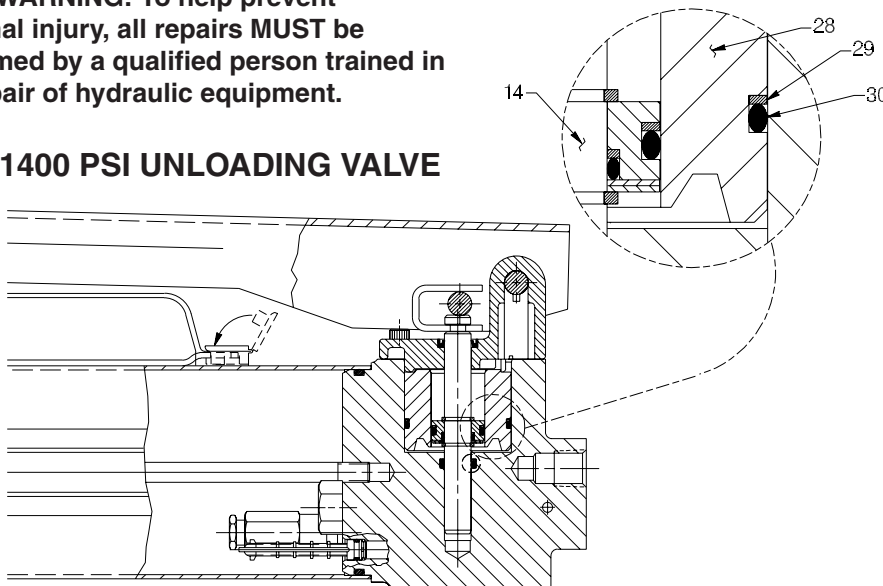


## Parts List for:

**4017**  
**P157D**  
**P157D Series**  
**P159D**  
**P159D Series****HYDRAULIC HAND PUMP****Two-Stage -- Four-Way Valve****300 PSI UNLOADING VALVE**

**WARNING:** To help prevent personal injury, all repairs **MUST** be performed by a qualified person trained in the repair of hydraulic equipment.

**1400 PSI UNLOADING VALVE**

# Parts List, Form No. 100711, Back sheet 1 of 2

| Item No. | Part No.  | No. Req'd | Description                                   |
|----------|-----------|-----------|-----------------------------------------------|
| 1        | 10008     | 4         | Cap Screw (1/4-20 UNC X 3/4" Lg.)             |
| 2        | •†*215907 | 2         | Decal ("DO NOT REMOVE")                       |
| 3        | 14972     | 1         | Plug                                          |
| 4        | 11127     | 2         | Plug (3/8 NPTF)                               |
| 5        | 11434     | 4         | Cap Screw (#10-24 UNC X 1/2" Lg.)             |
| 6        | 211743    | 4         | Retaining Ring (For 7/16" shaft)              |
| 7        | 211742    | 2         | Dowel Pin (7/16 dia. X 1-3/4" Lg.)            |
| 8        | •†*305977 | 1         | Warning Decal                                 |
| 9        | 61806OR9  | 1         | Handle (For P157D & P159D)                    |
|          | 61806BL2  | 1         | Handle (For 4017)                             |
| 10       | 58048     | 1         | Carry Handle                                  |
| 11       | 211470    | 1         | Piston Clip                                   |
| 12       | 53094     | 1         | Pump Body Cap                                 |
| 13       | *15092    | 1         | Rod Wiper                                     |
|          | †19321    | 1         | Rod Wiper                                     |
|          | •250841   | 1         | Rod Wiper                                     |
| 14       | 251336    | 1         | Piston Assembly (Nitrile) } For P157D         |
|          | 251514    | 1         | Piston Assembly (Viton) }                     |
|          | 251515    | 1         | Piston Assembly (EPR) }                       |
|          | 251377    | 1         | Piston Assembly (Nitrile) } For 4017 & P159D  |
|          | 251516    | 1         | Piston Assembly (Viton) }                     |
|          | 251517    | 1         | Piston Assembly (EPR) }                       |
| 15       | •†*213987 | 1         | O-ring Backup Washer                          |
| 16       | *10271    | 2         | O-ring (11/16 X 1/2 X 3/32; For 4017 & P159D) |
|          | *10271    | 1         | O-ring (11/16 X 1/2 X 3/32; For P157D)        |
|          | †11445    | 2         | O-ring (For 4017 & P159D)                     |
|          | †11445    | 1         | O-ring (For P157D)                            |
|          | •19406    | 2         | O-ring (For 4017 & P159D)                     |
|          | •19406    | 1         | O-ring (For P157D)                            |
| 17       | 61816     | 1         | Pump Body                                     |

| Item No.                            | Part No.  | No. Req'd | Description                                     |
|-------------------------------------|-----------|-----------|-------------------------------------------------|
| 18                                  | *214693   | 1         | O-ring (3-7/8 X 3-5/8 X 1/8)                    |
|                                     | †19048    | 1         | O-ring                                          |
|                                     | •214072   | 1         | O-ring                                          |
| 19                                  | •†*215075 | 1         | Filter Plug                                     |
| 20                                  | 21278     | 1         | Relief Valve Assembly<br>(See note below)       |
| 21                                  | 308621    | 1         | Trade Name Decal (For P159D)                    |
|                                     | 308622    | 1         | Trade Name Decal (For 4017)                     |
|                                     | 308623    | 1         | Trade Name Decal (For P157D)                    |
| 22                                  | 211547    | 1         | Tie Rod                                         |
| 23                                  | 58041     | 1         | Cap and Reservoir Assembly                      |
| 24                                  | 52711     | 1         | Reservoir Cap<br>(Torque to 80/100 in. lbs.)    |
| 25                                  | 10204     | 1         | Hex Nut (3/8-16;<br>Torque to 150/170 in. lbs.) |
| 26                                  | *212739   | 1         | Fill Cap Gasket                                 |
|                                     | †250731   | 1         | Fill Cap Gasket                                 |
|                                     | •250732   | 1         | Fill Cap Gasket                                 |
| 27                                  | 211769    | 1         | Handle Grip                                     |
| 28                                  | 308486    | 1         | Adapter (For P157D)                             |
| 29                                  | •†*19137  | 1         | O-ring Backup Washer<br>(For P157D)             |
| 30                                  | *10913    | 1         | O-ring (2" X 1-13/16 X 3/32;<br>For P157D)      |
|                                     | †19015    | 1         | O-ring                                          |
|                                     | •14287    | 1         | O-ring                                          |
| <b>PARTS INCLUDED BUT NOT SHOWN</b> |           |           |                                                 |
|                                     | †205724   | 1         | Decal (Viton seals)                             |
|                                     | 308588    | 1         | Optional Handle Retainer                        |
|                                     | •250328   | 1         | Decal (EPR seals)                               |

Part numbers marked with an asterisk (\*) are contained in Standard Repair Kit No. 300487.

Part numbers marked with a dagger (†) are contained in Viton Seal Kit No. 300508.

Part numbers marked with a bullet (•) are contained in EPR Seal Kit No. 300501.

## NOTE

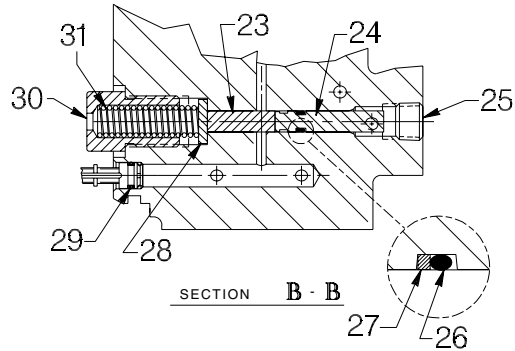
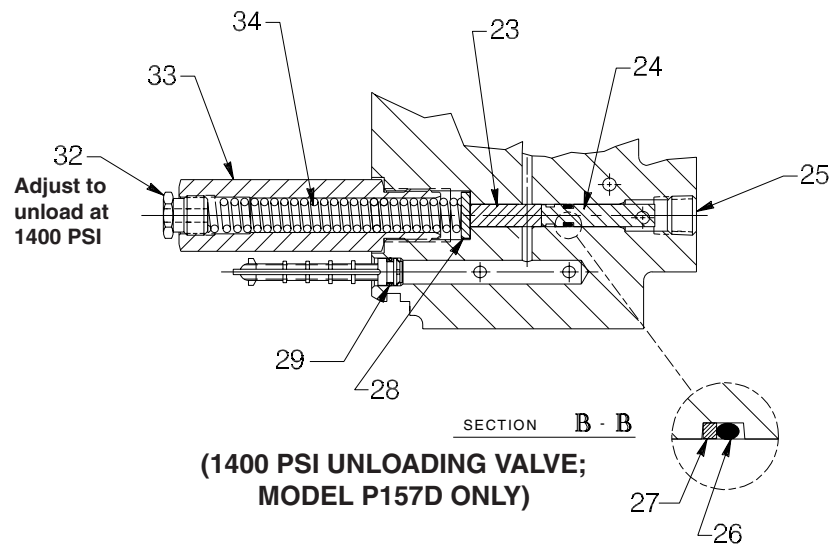
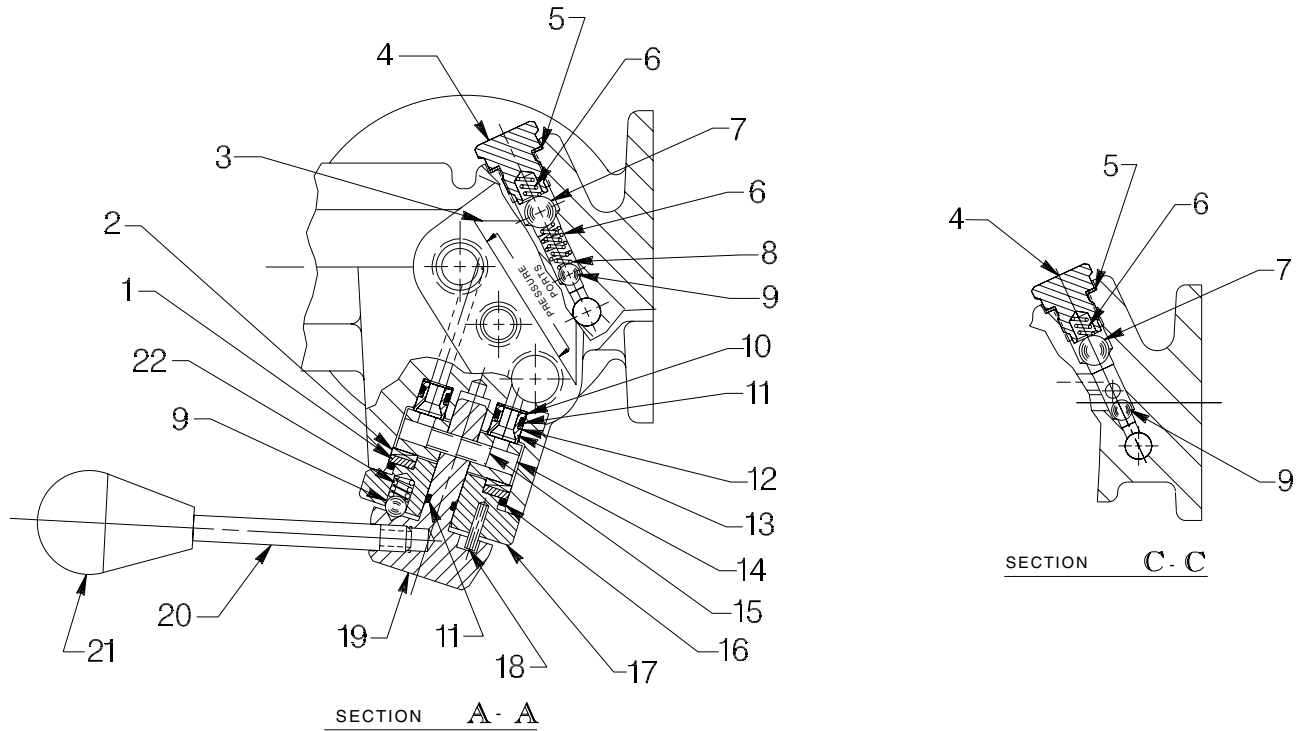
Standard relief valves are set at 10,100/10,700 PSI.

Relief valves pre-set at special settings are available.

Refer to your pump model number or contact Power Team Technical Services.

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

## SECTION VIEWS



| Item No. | Part No. | No. Req'd | Description                                             |
|----------|----------|-----------|---------------------------------------------------------|
| 1        | 12189    | 1         | Needle Thrust Bearing Race                              |
| 2        | 12188    | 1         | Needle Thrust Bearing                                   |
| 3        | 215302   | 1         | Decal                                                   |
| 4        | 305975   | 2         | Valve Screw (Torque to 350/370 in. lbs.)                |
| 5        | *14874   | 2         | Copper Washer (.700 X 1/2 X 1/32 Thk.)                  |
| 6        | *10444   | 3         | Compression Spring (3/16 I.D. X 13/32 Lg.)              |
| 7        | *10378   | 2         | Steel Ball (3/8 dia.)                                   |
| 8        | *211797  | 1         | Compression Spring (5/32 O.D. X 5/8 Lg.)                |
| 9        | *10375   | 3         | Steel Ball (1/4 dia.)                                   |
| 10       | *12187   | 3         | Spring Washer (#10 style)                               |
| 11       | *10266   | 4         | O-ring (3/8 X 1/4 X 1/16)                               |
|          | †11438   | 4         | O-ring                                                  |
|          | •17715   | 1         | O-ring                                                  |
| 12       | •†12184  | 3         | Backup Washer (3/8 X 1/4 X .048)                        |
| 13       | 24570    | 3         | Shear Seal                                              |
| 14       | 32071    | 1         | Rotor                                                   |
| 15       | 10716    | 1         | Roll Pin (1/4 dia. X 3/4" Lg.)                          |
| 16       | *10930   | 1         | O-ring (1-1/2 X 1-5/16 X 3/32)                          |
|          | †19008   | 1         | O-ring                                                  |
|          | •13455   | 1         | O-ring                                                  |
| 17       | 25821    | 1         | Cover                                                   |
| 18       | 11587    | 1         | Roll Pin (1/8 dia. X 1/2" Lg.)                          |
| 19       | 32070    | 1         | Stem                                                    |
| 20       | 24564    | 1         | Stud                                                    |
| 21       | 12821    | 1         | Knob                                                    |
| 22       | *12195   | 1         | Compression Spring (1/4 O.D. X 1/2" Lg.)                |
| 23       | 14588    | 1         | Dowell Pin                                              |
| 24       | 214691   | 1         | Unloading Valve Piston                                  |
| 25       | 14972    | 2         | Plug                                                    |
| 26       | *10265   | 1         | O-ring (5/16 X 3/16 X 1/16)                             |
|          | †11437   | 1         | O-ring                                                  |
|          | *17714   | 1         | O-ring                                                  |
| 27       | •†15174  | 1         | O-ring Backup Washer (5/16 X 3/16 X 3/64)               |
| 28       | 214692   | 1         | Disc                                                    |
| 29       | *12557   | 1         | O-ring (11/32 X 7/32 X 1/16)                            |
|          | †18973   | 1         | O-ring                                                  |
|          | *215375  | 1         | O-ring                                                  |
| 30       | 308430   | 1         | Spring Retainer (For 4017 & P159D)                      |
| 31       | 214694   | 1         | Compression Spring (For 4017 & P159D)                   |
| 32       | 305912   | 1         | Valve Adjusting Screw (For P157D)                       |
| 33       | 308488   | 1         | Spring Retainer (For P157D)                             |
| 34       | 214808   | 1         | Compression Spring (15/32 O.D. X 4-7/16 Lg.; For P157D) |

Part numbers marked with an asterisk (\*) are contained in Standard Repair Kit No. 300487.

Part numbers marked with a dagger (†) are contained in Viton Seal Kit No. 300508.

Part numbers marked with a bullet (•) are contained in EPR Seal Kit No. 300501.

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 replacement parts!**

Additional questions can be directed to our Technical Services Department.