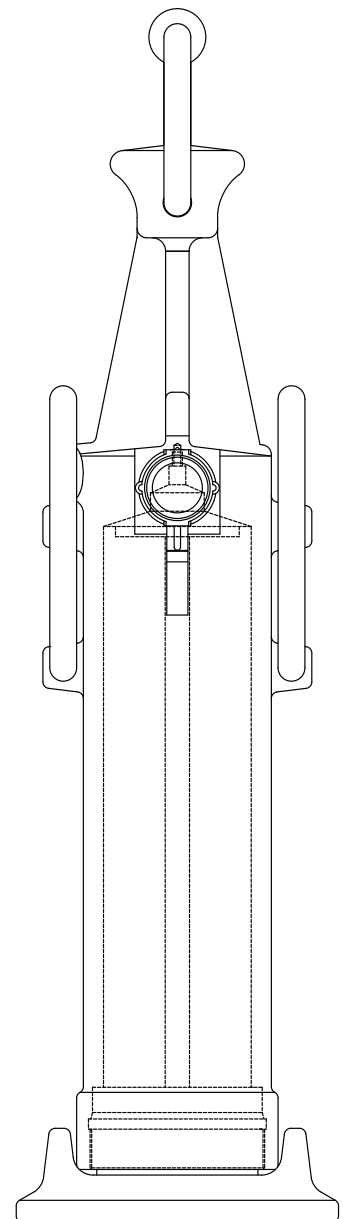
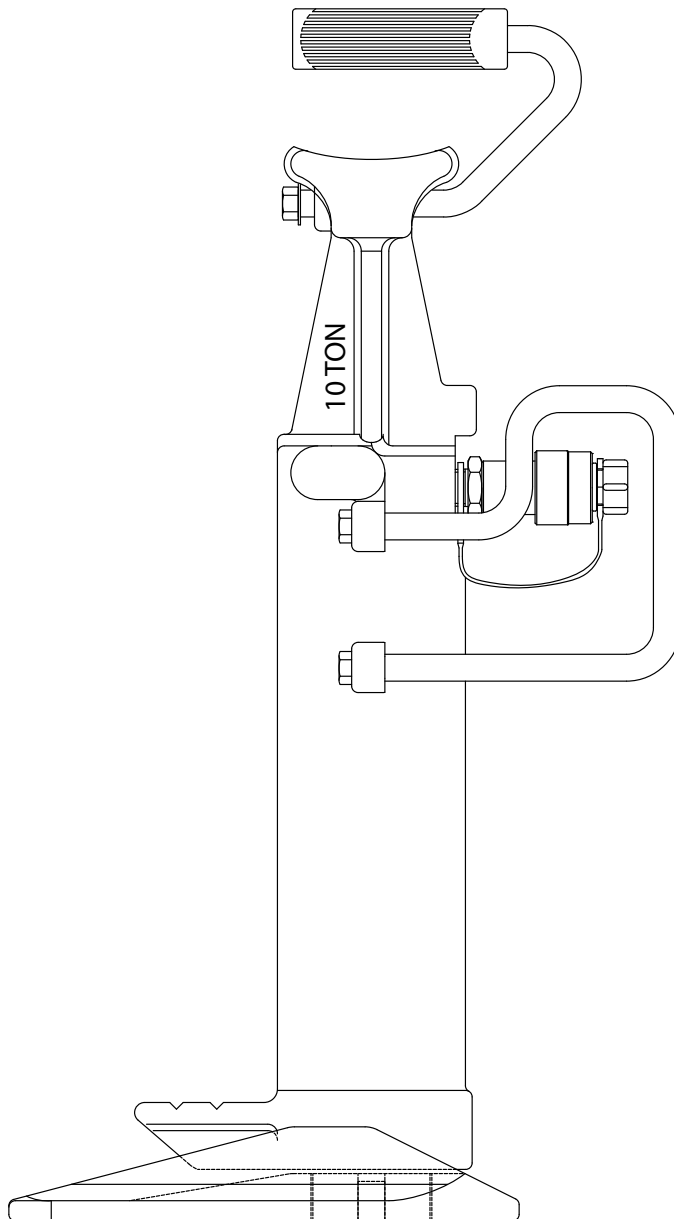
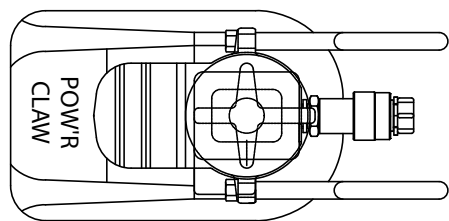


**To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.**

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.



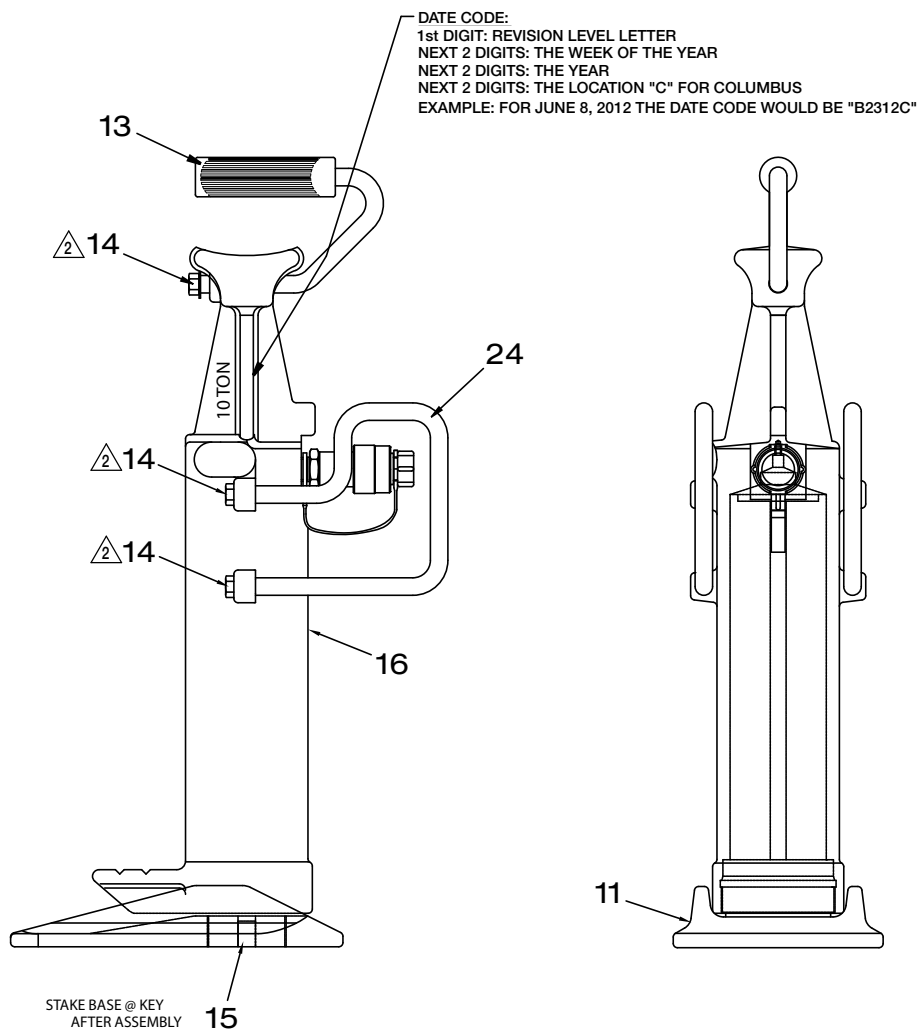
**Figure 1 - Main Assembly**



**NOTES:**

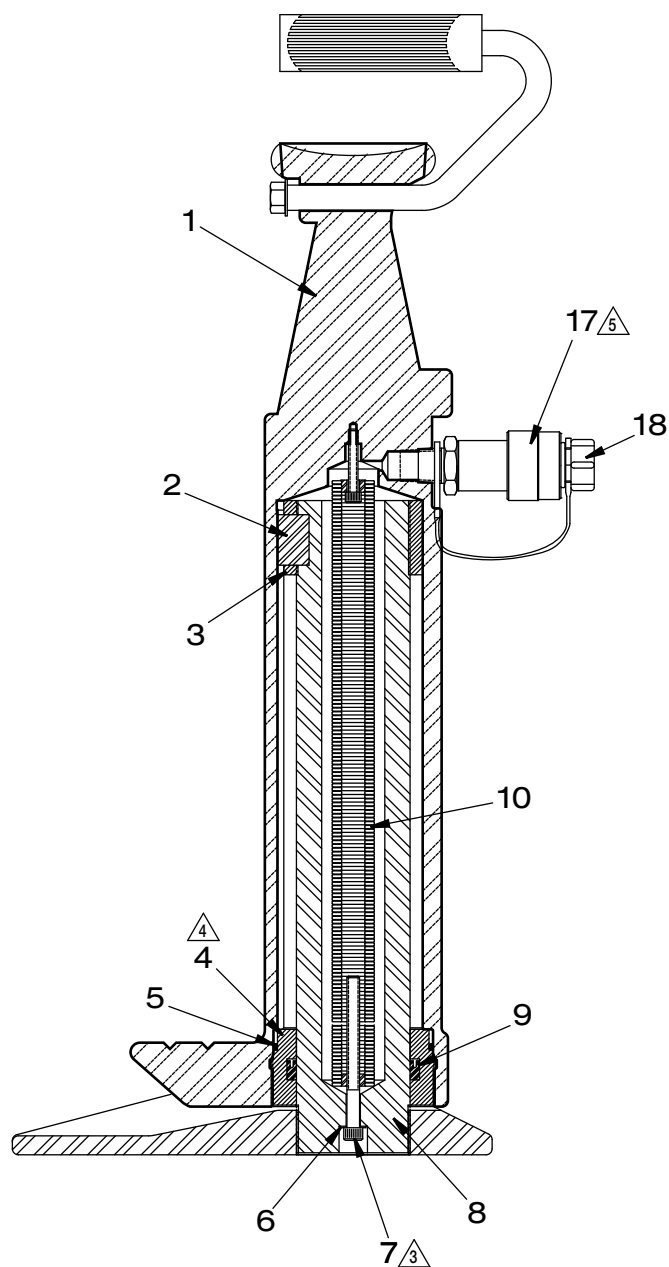
1. TEST JACK TO 10.25 TONS [91,1 kN] ON THE TOE.  
USE HANDPUMP AND GAUGE TO TEST THE JACK.  
PRESSURE AT 10.25 TONS [91,1 kN] IS 5,150 PSI [355 BAR].

△ 2 TORQUE TO 50-55 FT-LBS. [67,7-74,6 Nm]



| Repair Parts List (Refer to figure 1) |             |      |                       |      |             |      |                |
|---------------------------------------|-------------|------|-----------------------|------|-------------|------|----------------|
| Item                                  | Part Number | Qty. | Description           | Item | Part Number | Qty. | Description    |
| 11                                    | 40565E      | 1    | Base                  | 15   | ✚           | 1    | Key            |
| 13                                    | *           | 1    | Assembly, Handle Grip | 16   | ✚           | 1    | Decal, Warning |
| 14                                    | ✚*          | 5    | Screw, 3/8-16 Thread  | 24   | DS1802689   | 2    | Coupler Guard  |
| ✚ Included in Repair Kit RTJ109RK.    |             |      |                       |      |             |      |                |
| * Included in Handle Kit RTJ109HK.    |             |      |                       |      |             |      |                |

Figure 2 - Internal Components



**NOTES:**

△<sub>3</sub> TORQUE TO 125-150 IN-LBS [14,1-16,9 Nm]

△<sub>4</sub> TORQUE TO 25-50 FT-LBS. [33,8-67,7 Nm]

△<sub>5</sub> TORQUE TO 40-60 FT-LBS. [54,2-81,3 Nm]

**Repair Parts List (Refer to figure 2)**

| Item | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | N/A         | 1    | Toe Housing                    |
| 2    | ✦           | 1    | Key                            |
| 3    | 40044E      | 1    | Upper Bearing                  |
| 4    | 40043E      | 1    | Lower Bearing                  |
| 5    | ✦★          | 1    | O-Ring, 2-3/4 x 3.0 x 1/8" Lg. |
| 6    | ✦★          | 1    | Gasket, 17/64 x 1/2"           |
| 7    | ✦           | 1    | SHCS, 1/4-20 x 4"              |
| 8    | 89961E      | 1    | Piston                         |
| 9    | ✦★          | 1    | U-Cup                          |
| 10   | 40047E      | 1    | Ext. Spring Assembly           |
| 17   | DC1389900   | 1    | Coupler, Female                |
| 18   | DD1782020   | 1    | Cap, Dust                      |

★ Included in Seal Kit RTJ109SK.  
✦ Included in Repair Kit RTJ109RK.

