Instructions: Change of Rotation, C102 (Dump Pump Assembly)

To change the rotation of a Pump, proceed as follows:

1. Remove the four fasteners holding the pump together: 5/8”-11 for the “C-Series” pumps. Fastener torque is 2400 in-lbs.
2. Remove the valve-body assembly.
3. Remove the gear housing, rotate it 180°; maintaining the same gear bore for the drive shaft, and then replace the gear housing.
4. Rotate the valve-body 180° from its original position then replace it.
   **Note:** For C102 assemblies, the protruding rib on the gear housing will always be on the opposite side of the assembly from the valve spool.
5. Replace the four fasteners and torque them to 2400 in-lbs using a diagonal pattern.
6. Verify the proper assembly by referring to the notes below.

**Notes:**

1. When viewing a **CW** assembly from the shaft-end cover; with the drive shaft on top and the idler gear on the bottom, the valve spool will be on the **RIGHT** side of the Pump.
2. When viewing a **CCW** assembly from the shaft-end cover; with the drive shaft on top and the idler gear on the bottom, the valve spool will be on the **LEFT** side of the Pump.