

Installing the A Pump Clutch

(Ogura or Warner)

Step 1:

Mount clutch magnet field coil onto bracket by inserting the supplied 1/4-20 bolts and tightening finger tight. Then torque bolts to 35 IN/LB in an X pattern.

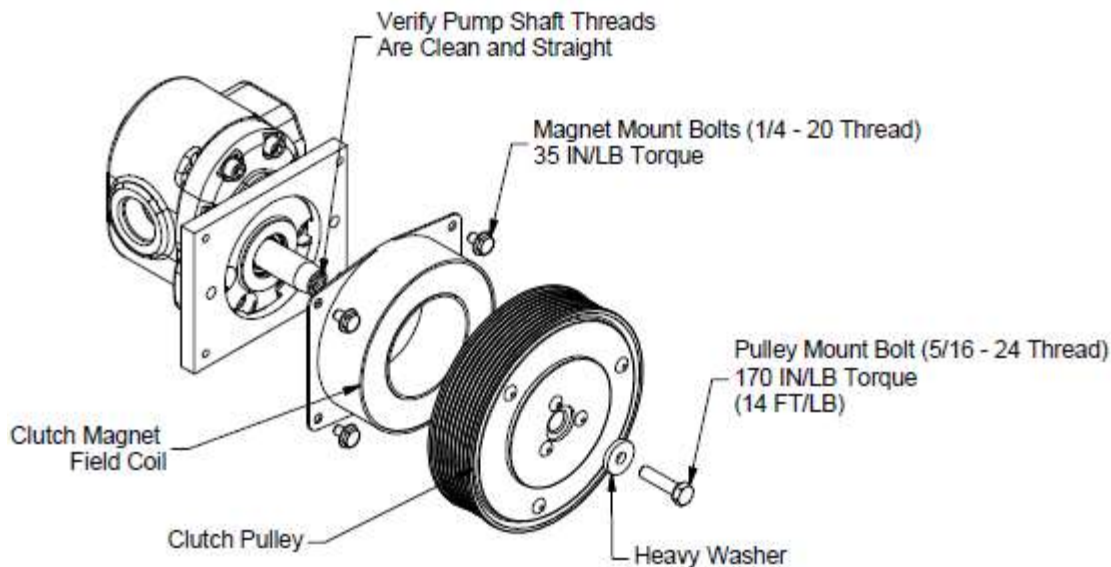
Step 2:

Verify threads in the end of the pump shaft are clean and straight; align the key in the pump shaft with keyway in the clutch pulley. Slide clutch pulley onto the shaft until firmly seated on the taper, (pulley should not feel loose on the shaft).

Step 3:

Insert the supplied 5/16-24 bolt into the supplied heavy washer. Insert bolt and washer through the pulley into the threaded hole in the pump shaft and tighten hand tight; hold the pulley to keep it from turning, tighten the bolt to 170 IN/LB in one operation.

*****It is important to completely tighten the bolt in a single operation, as the locking compound pre-coated on the bolt can set up if only partially tightened. This will lead to a false torque reading; possibly causing the assumption the bolt is tight, when it is not. This allows the clutch to wobble on the taper of the pump shaft which will destroy the clutch*****



*******Important Clutch Replacement Note: *******

If clutch is being replaced on an existing pump drive, the pump shaft threads must be carefully inspected. Clean the threads with 5/16-24 Tap to remove locking compound residue and any possible rust, both contaminates will stop the bolt from tightening properly and will destroy the replacement clutch.