
INSTALLATION AND OPERATING INSTRUCTIONS

Coupler Replacement

CAUTION:

Whenever installing or reinstalling a 3-piece flexible coupler, the following steps must be taken to insure proper pump operation. Motor must be removed to replace coupler.

816665-000

- Step 1. Place one coupler flange on the shaft of the pump bracket. Tap the coupler flange down (with a rubber or wooden mallet) until the face of the inside hub on the coupler flange is flush with the face of the shaft. Tighten the two setscrews until snug. Do not overtighten.
- Step 2. Insert rubber sleeve into above coupler flange.
- Step 3. Place remaining coupler flange on the motor shaft. Initially this flange must be installed so that the motor shaft extends approximately 3/4" from the face of the coupler.
- Step 4. Bolt motor assembly to pump bracket assembly.
- Step 5. Remove the sheet metal coupler guard from the pump bracket. Place two screwdrivers through each opening in the bracket. Using the motor for leverage, push the motor end flange towards the pump end flange until fully engaged with the rubber sleeve.
- Step 6. Once fully engaged, back motor end coupler flange off the sleeve approximately 1/32" and tighten setscrews until snug. Do not overtighten.

806137-001 - Flexible Insert Type

- Step 1. Place the coupler flange that has the inside hub machined down, on the pump bracket shaft. Tap the coupler flange down (with a rubber or wooden mallet) until the setscrew (without the keyway) is aligned with the dimple on the shaft. Tighten setscrew in the dimple until snug. Tighten second setscrew (with the keyway) against shaft until snug. Do not overtighten.
- Step 2. Follow steps 2 thru 6 of #816665-000 coupler replacement, with this exception: In Step 5, disregard the portion of the instructions dealing with the coupler guard. Pumps using the #806137-001 coupler do not require a coupler guard.

807436-001 - Flexible Insert Type

- Step 1. Place one coupler flange each on the pump bracket end shaft and motor end shaft. Tap the coupler flanges down (with a rubber or wooden mallet) until the setscrew (without the keyway) is lined up with the dimple in each shaft. Tighten the setscrew in the dimple until snug on each shaft. Tighten the remaining setscrews (with the keyway) until snug against shaft. Do not overtighten.
- Step 2. Insert rubber sleeve into one of the coupler flanges.
- Step 3. Bolt motor to bracket. Coupler is now properly aligned.



806137-002 - 4-Spring Coupler 1/2" x 5/8"

Step 1. Slide the 5/8" coupler half onto the motor shaft using care to line up the setscrew with the recess in the shaft. Securely tighten setscrew in the recess.

Step 2. Connect the coupler to the shaft of the Bearing Assembly (B.A.) by placing thumb of one hand behind the 1/2" coupler half to be attached and slide it onto the shaft. Use care to line up setscrew with recess in the B.A. shaft. Securely tighten setscrew in the recess and attach the motor assembly to the B.A. with cap screws.

807436-002 - 4-Spring Coupler 1/2" x 1/2"

Step 1. Slide one-half of the coupler onto the motor shaft using care to line up the setscrew with the recess in the shaft. Securely tighten setscrew in the recess.

Step 2. Connect the coupler to the shaft of the Bearing Assembly (B.A.) by placing thumb of one hand behind the coupler half to be attached and slide it onto the shaft. Use care to line up setscrew with recess in B.A. shaft. Securely tighten setscrew in the recess and attach the motor assembly to B.A. with capscrews.

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