

INSTALLATION AND REMOVAL INSTRUCTIONS

on YORK RECIPROCAL COMPRESSORS

1. INSTALLATION

- Attach field coil to compressor mounting bosses using the four $\frac{1}{4}$ " \times 20 cap screws supplied in the parts package.
- Attach rotor assembly to the compressor shaft using care to properly align and seat shaft and hub keyways.
- Install and securely tighten rotor $\frac{5}{16}$ " \times 24 center bolt and washer supplied in the parts package. (Recommended torque, about 20ftlbs) after installing and tightening the rotor retaining bolt turn the assembly by hand to make sure there is free movement with no interference between the rotor and field coil assembly.

WARNING! IF CONTACT BETWEEN THE PULLEY ROTOR AND THE FIELD COIL HOUSING IS NOTED. "DO NOT" OPERATE THE UNIT UNTIL THIS CONDITION HAS BEEN CORRECTED.

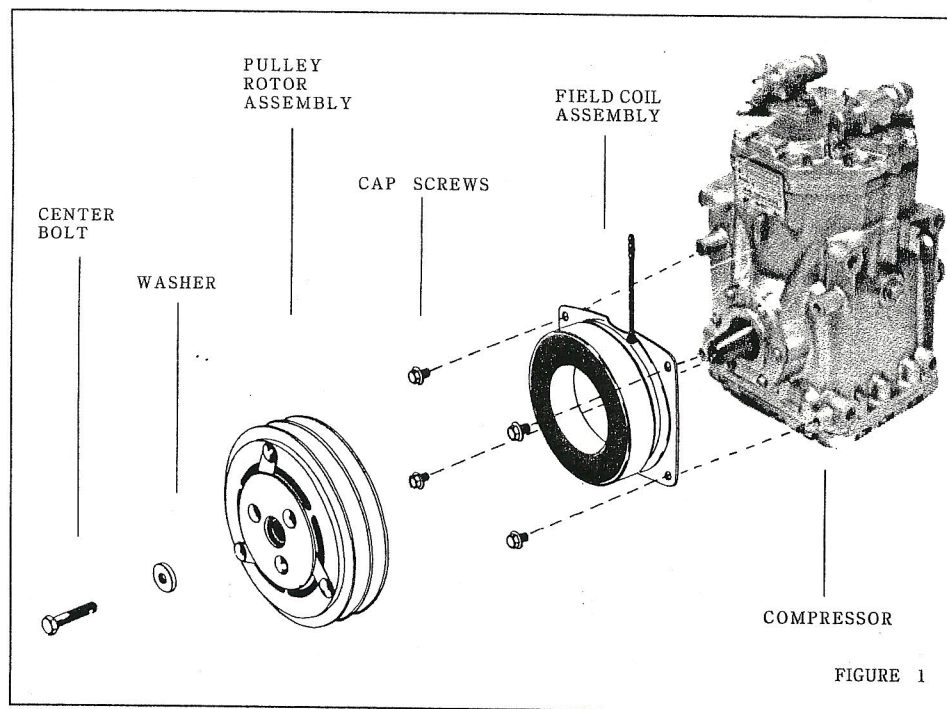


FIGURE 1

- Connect lead wire to electrical circuit.

Note a. The field coil is grounded at the factory, therefore it is necessary only to connect to the hot wire.

b. Engage clutch assembly to properly align rotor and coil assemblies.

- Tighten the center bolt evenly while clutch is still engaged.

- Disengage clutch Turn rotor by hand to make sure there is free movement with no interference between rotor and coil.

- Engage and disengage several times to check clutch engagement.

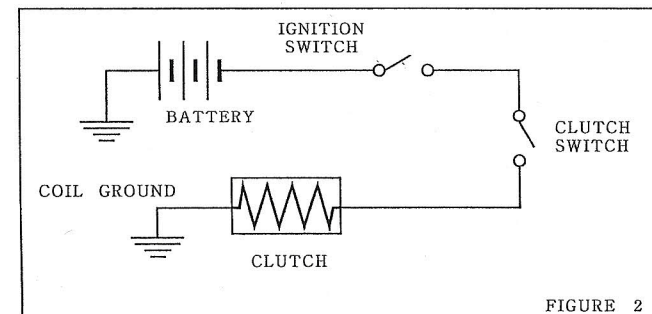


FIGURE 2

2. PULLEY ROTOR REMOVAL

- To remove the rotor assembly from the compressor shaft, a standard $\frac{5}{8}$ " \times 11 \times 1" cap screw is all that is required. Upon removal of the $\frac{5}{16}$ " rotor retaining bolt, install the $\frac{5}{8}$ " cap screw in the hub. Tightening this screw forces the rotor assembly free of the compressor shaft by butting against it.

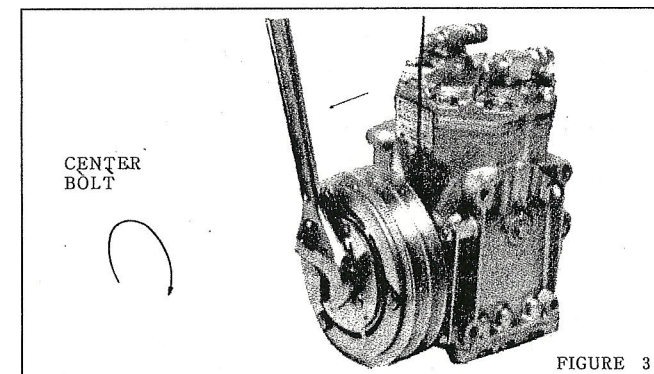


FIGURE 3

CAUTION

Removal by any other means (prying or hammering) can cause considerable damage to the clutch assembly. Any such damage will Void The Warranty.

NOTE

Kindly contact the following address if you have any more questions on this explanation.