

## REMOVAL AND INSTALLATION (Continued)

8. When installing a new clutch, cycle it ten times at idle to burnish the clutch and prevent slippage.

**Clutch Field Coil**

**NOTE:** The clutch field coil is pressed on the front head of the compressor. Special service tools are required to remove and install the coil.

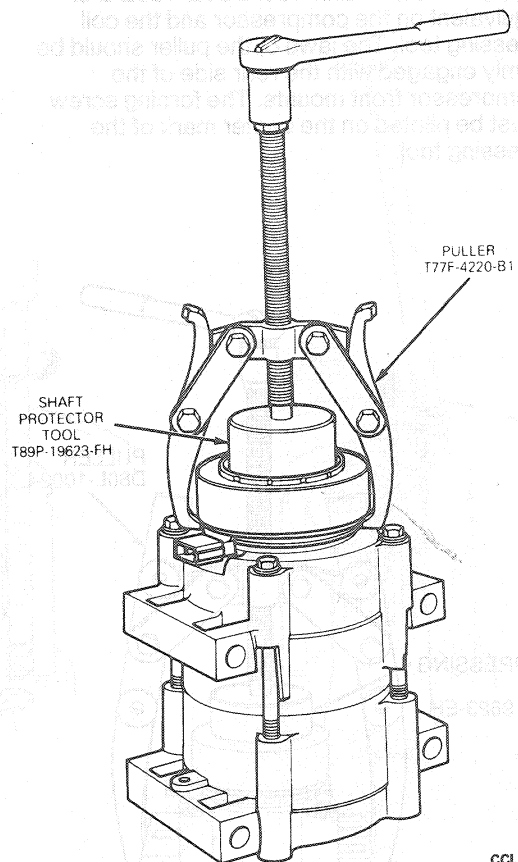
**Tools Required:**

- Shaft Protector Tool T89P-19623-CH
- Shaft Protector T89P-19623-FH
- 2-Jaw Puller T77F-4220-B1
- Coil Pressing Tool T89P-19623-EH
- 2-Jaw Puller D80L-1002-L

**Removal**

1. Remove the compressor from vehicle. Refer to Section 12-03A.
2. Remove the clutch hub and pulley as described in this section.
3. Install Shaft Protector Tool T89P-19623-FH on the nose opening of the compressor.
4. Install 2-Jaw Puller T77F-4220-B1 on the compressor. Place the tip of the puller forcing screw in the center pilot of the shaft protector and the jaws of the puller around the back edge of the field coil.
5. Tighten the puller forcing screw to pull the coil from the compressor head. **DO NOT USE AIR TOOLS.**

## REMOVAL AND INSTALLATION (Continued)

**Installation**

1. Clean the coil mounting surface on the front head to remove any dirt or corrosion.
2. With the compressor in a vertical position (nose up), place the field coil in position on the compressor front head. Make sure the coil electrical connector is positioned correctly.
3. Place the Coil Pressing (Installer) Tool T89P-19623-EH in position over the compressor nose and to the inner radius of the field coil.