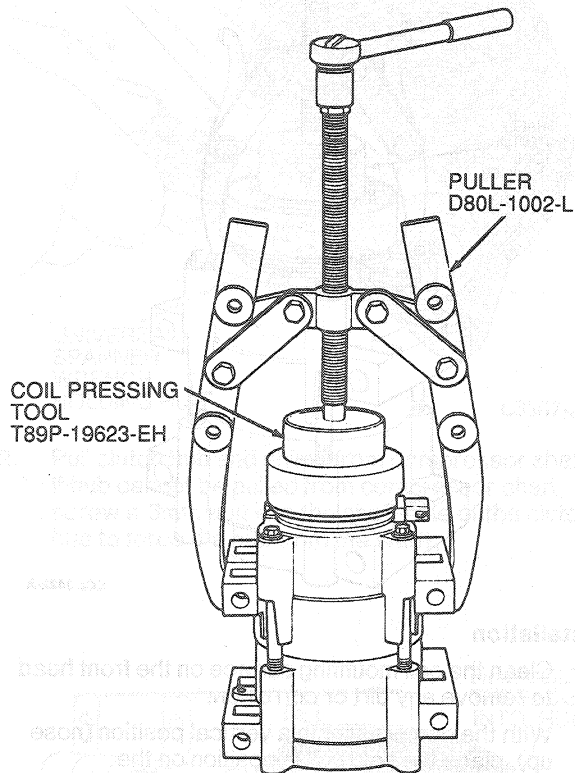


REMOVAL AND INSTALLATION (Continued)

4. Position 2-Jaw Puller Tool D80L-1002-L or equivalent on the compressor and the coil pressing tool. The jaws of the puller should be firmly engaged with the rear side of the compressor front mounts. The forcing screw must be piloted on the center mark of the pressing tool.



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5. Tighten the forcing screw with a hand wrench until the coil is pressed on the compressor front head. **DO NOT USE AIR TOOLS.** Check to make sure that the field coil bottoms against the head at all points around the coil outer diameter.
6. Install the clutch pulley and hub on the compressor as outlined. Adjust the air gap, as necessary.
7. Install the compressor on the vehicle following the recommended procedure.

Shaft Seal

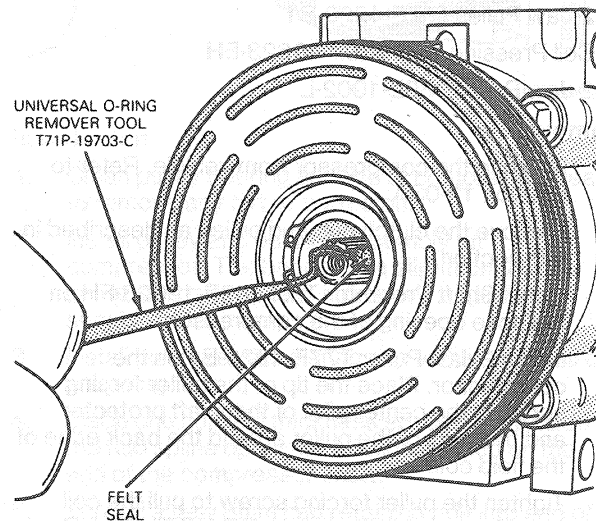
The refrigerant system must be discharged and the compressor must be removed from the vehicle prior to replacing the compressor shaft seal. Refer to Section 12-00.

Tools Required:

- O-Ring Tool T71P-19703-C
- Snap Ring Remover T89P-19623-DH
- Shaft Seal Remover Tool T89P-19623-BH
- Shaft Seal Protector T89P-19623-CH
- Shaft Seal Installer Tool T89P-19623-AH

Removal

1. Remove clutch hub from compressor as outlined.
2. Remove shaft seal felt from nose of compressor with O-ring Remover T71P-19703-C.



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3. Blow any debris from inside the compressor nose with **low pressure** compressed air. Then clean the inside and outside nose area of the compressor with a lint free cloth to remove any oil and dirt.
4. Remove shaft seal retaining snap ring from inside compressor nose with Snap Ring Remover T89P-19623-DH as described in the following steps. Refer to the illustrations.
5. Insert the tip of the Snap Ring Remover T89P-19623-DH into one of the snap ring eyes (View A).
6. Rotate the snap ring remover to position the tool tip and the snap ring eye closest to the compressor shaft (View B).
7. Pull the snap ring remover up quickly while keeping the tool shaft against the side of the nose opening and remove the snap ring (View C).