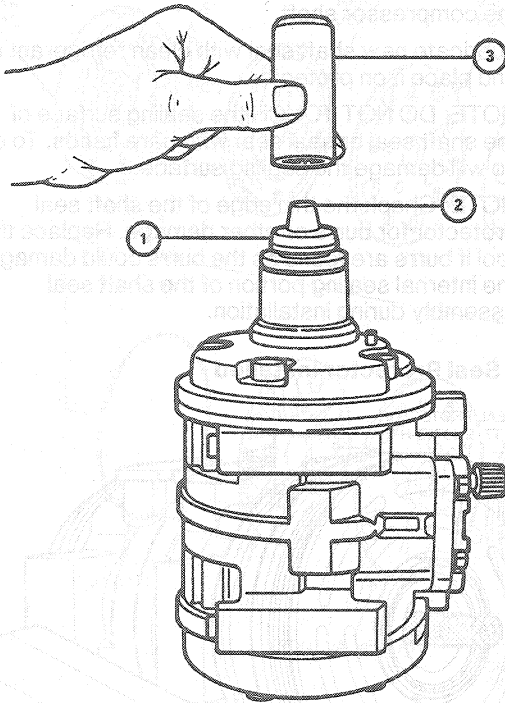


REMOVAL AND INSTALLATION (Continued)

Shaft Seal—Installation



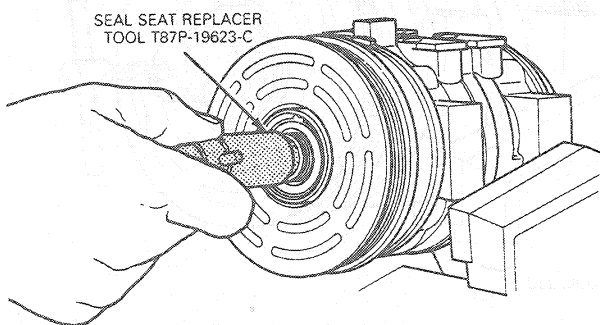
ITEM DESCRIPTION

1. SHAFT SEAL
2. SHAFT SEAL PROTECTOR - T71P-19703-H
3. SHAFT SEAL REPLACER - T91P-19623-BH

CCL 3712-A

4. Attach shaft seal seat to Shaft Seal Seat Remover T87P-19623-BR and lubricate seal seat and inside of compressor nose with clean refrigerant oil YN-9 (E73Z-19557-A) or equivalent. Then, insert seal seat into compressor. Push seal seat in against seal.

Shaft Seal Seat—Installation

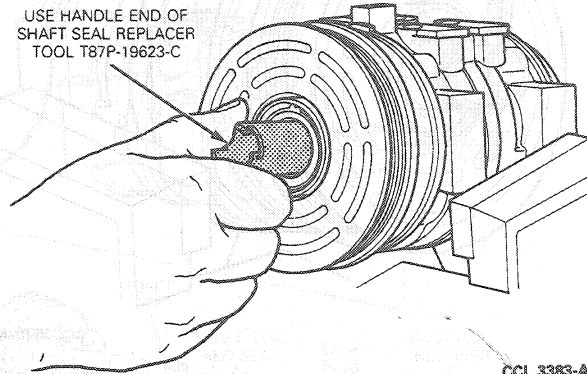


CCL 3382-A

5. Install seal seat retaining snap ring into nose of compressor and push snap ring into groove with handle end of Shaft Seal Remover / Replacer T87P-19623-C.

Pushing Seal Seat Snap Ring into Groove

USE HANDLE END OF
SHAFT SEAL REPLACER
TOOL T87P-19623-C



CCL 3383-A

6. Leak test shaft with Rotunda Electronic Leak Detector 055-00015 or equivalent.
7. Install a new felt strip and retainer into nose of compressor.
8. Install shaft key with rounder end inward.
9. Install clutch shims and clutch hub as outlined.

MAJOR SERVICE OPERATIONS

Compressor—Out of Vehicle

Head Gasket and O-Ring Seal Removal

Tools Required:

- Shaft Key Remover T81P-19623-NH
- Snap Ring Pliers T71P-19703-T
- Shaft Seal Seat Remover T87P-19623-BR
- Shaft Seal Replacer T87P-19623-C
- Shaft Seal Protector T71P-19703-H
- Rotunda Electronic Leak Detector 055-00015

Disassembly

The refrigerant system must be discharged and compressor removed from vehicle to perform head gasket and O-ring replacement operation.

1. Drain refrigerant oil from compressor through suction and discharge port openings into a calibrated container. Record amount of oil removed from compressor.
2. Clamp compressor in a vise. Remove clutch hub, pulley and shims as outlined.