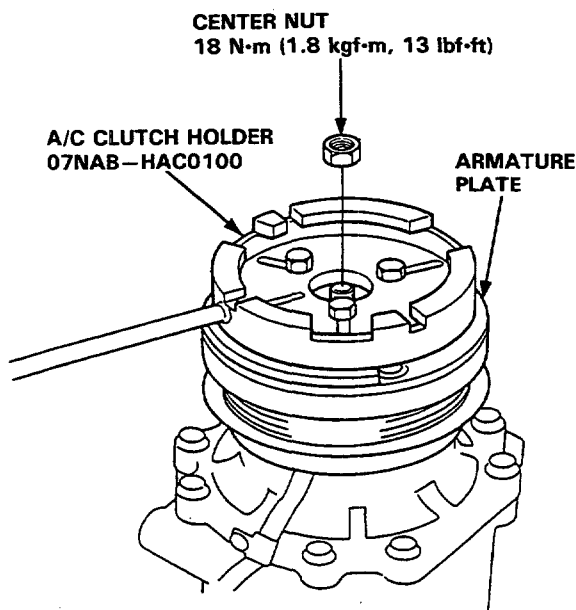


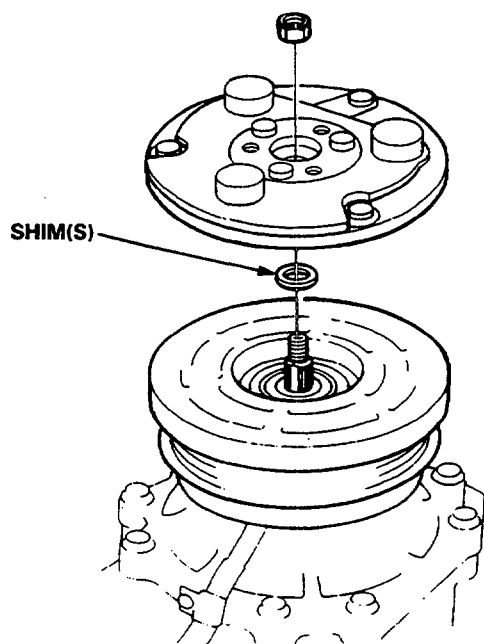
Compressor

Clutch Overhaul

1. Remove the center nut while holding the armature plate.



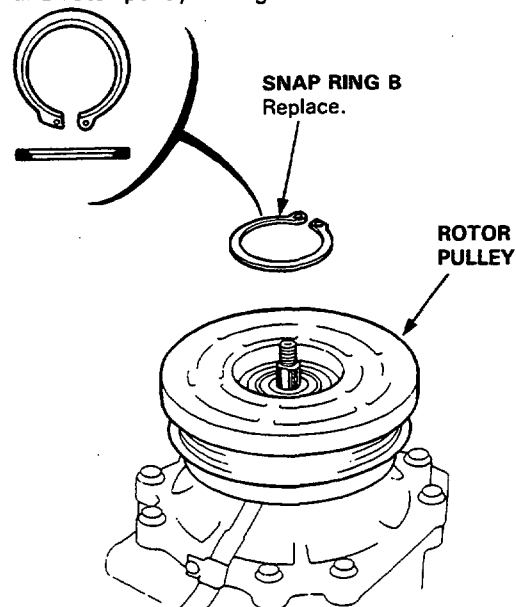
2. Remove the armature plate by pulling it up by hand.



3. Remove the snap ring B with a snap ring pliers.

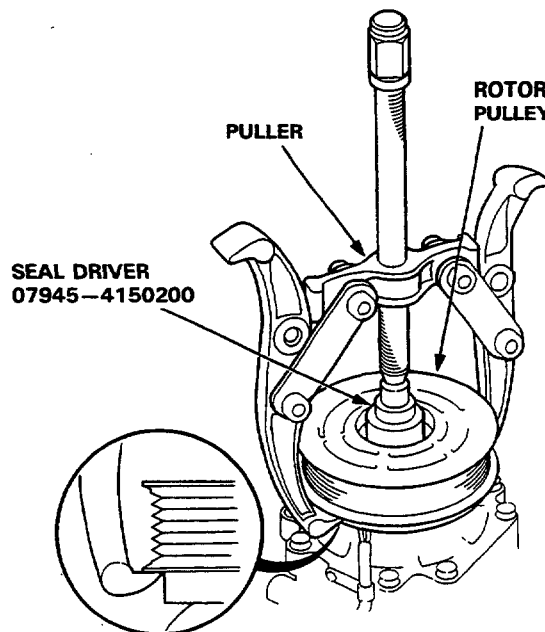
NOTE:

- Once the snap ring B was removed, replace it with a new one.
- Be careful not to damage the compressor body and rotor pulley during removal/installation.



4. Remove the rotor pulley from the shaft with a puller and the special tool.

NOTE: Put the claws of the puller on the back of the rotor pulley, not on the belt area; otherwise the rotor pulley can be damaged.

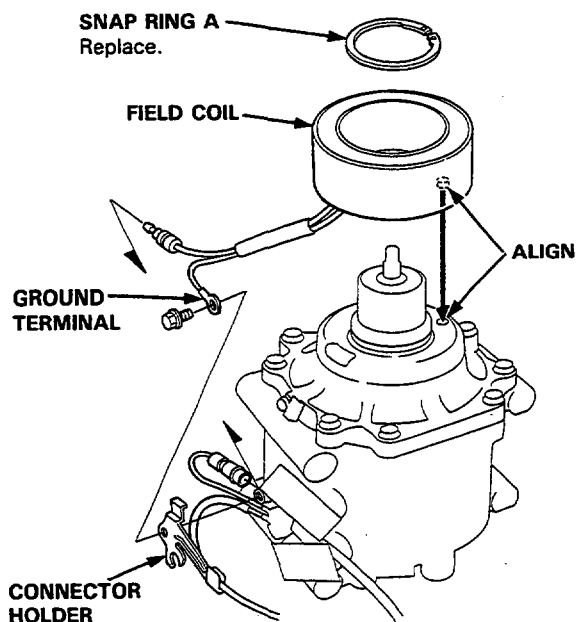




5. Remove the snap ring A with a snap ring pliers. Release the field coil connector from the connector holder, and disconnect the connector and field coil ground terminal. Remove the field coil from the compressor.

NOTE:

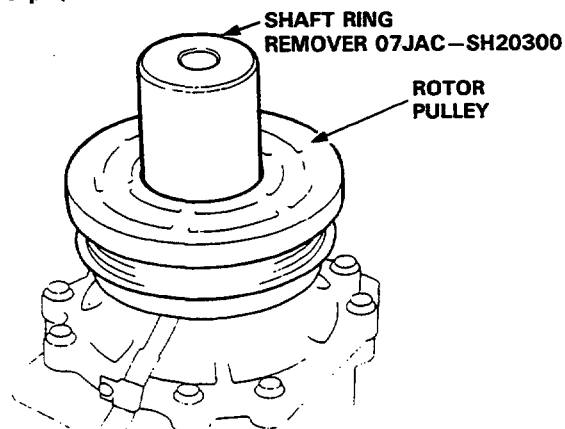
- Once the snap ring A is removed, replace it with a new one.
- When installing the field coil, align the boss on the field coil with the hole in the compressor.



6. Position the rotor pulley squarely over field coil. Press the rotor pulley onto the compressor boss with the special tool. If the rotor pulley does not press on straight, remove it and check the rotor pulley and compressor boss for burrs or damage.

CAUTION:

Maximum press load: 39200 kPa (400 kgf/cm², 5690 psi)



7. Install in the reverse order of removal, and:

- Clean the rotor pulley and compressor sliding surfaces with non-petroleum solvent.
- Install the snap rings with the chamfered side facing out and make sure the snap rings are in the groove completely.
- After installing, make sure that the rotor pulley turns smoothly.
- Route and clamp the wires properly or they can be damaged by the rotor pulley.