

A/C Compressor Assembly Replaced When Clutch Is Failed

22-75520-000



VAL T295617AY



Concern: When there is an A/C Compressor Clutch failure, the A/C Compressor assembly w/ Clutch is being replaced

Affected Models: TBD

Root Cause: Clutch failure prompts replacement of A/C compressor assembly

Correction: If it is determined that a Clutch is failed on the A/C Compressor, replacement of Clutch, when available, is the correct repair path

Follow published TechLit Workshop Manual in Group 83 for Clutch Inspection, Removal, and Installation per A/C Compressor Manufacturer, i.e.: Denso, Valeo, Sanden

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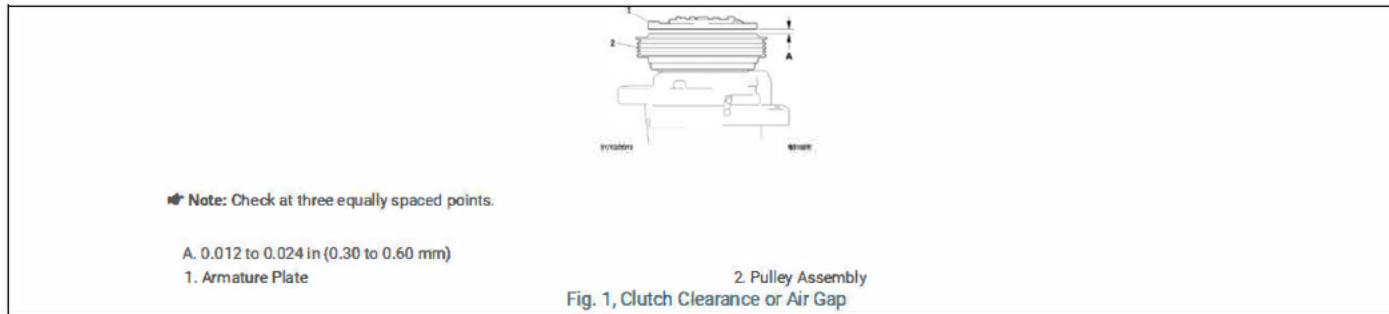
GROUP 83 HEATER AND AIR CONDITIONER / GROUP 83: 4 REFRIGERANT COMPRESSOR, VALEO
/ GROUP 83: 4.7 REMOVAL, INSPECTION, AND INSTALLATION OF THE CLUTCH ASSEMBLY, REFRIGERANT COMPRESSOR, VALEO

Removal of the Clutch Assembly, Refrigerant Compressor, Valeo

Note: The armature plate is secured with a center bolt to the splined shaft in the compressor body. The pulley assembly is retained by the snap ring.

Was this helpful?

- Set the compressor on a steady level surface and measure the air gap. To measure the air gap, check it at three equally spaced points around the perimeter. The air gap should be at least 0.012 in (0.30 mm), and no greater than 0.024 inch (0.60 mm).
The gap must be greater than 0.024 inch (0.60 mm) at all three points for the clutch to need replacing. See Fig. 1.



- Using an armature plate or other drive plate holder to prevent the armature plate from rotating, remove the center bolt. See Fig. 2.

