

Check Clutch Hub Clearance



RW21159-UN: Clutch Hub Clearance

NOTE:

The clutch coil is NOT polarity sensitive.

1. Check pulley-to-clutch hub clearance using a dial indicator. Mount the gauge to the pulley as illustrated and connect a set of jumper wires from the compressor leads to a 12V battery.
2. Rotate the pulley and check that hub clearance is to specification in three equally spaced locations around the clutch hub. Add or remove shims as required.

Item	Measurement	Specification
Pulley-to-Clutch Hub	Clearance	0.35—0.65 mm (0.014—0.026 in.)

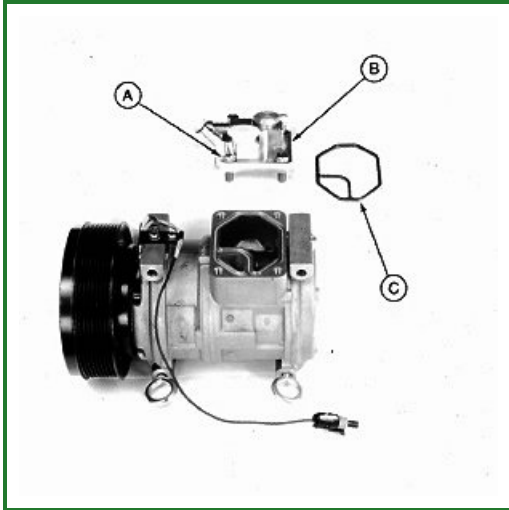
3. Tighten clutch shaft bolt to specification after correct clearance is obtained.

Item	Measurement	Specification
Clutch Shaft Bolt	Torque	14 N·m (124 lb-in.)

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NX,TM4700,T20-19-19960103

Inspect Compressor Manifold



RW21160-UN: Manifold Cap Screws & Seal Removal

LEGEND:

A - Cap Screw (4 used)

B - Manifold

C - Seal

1. Remove cap screws (A) and the manifold (B).
2. Remove and discard seal (C). Inspect porting surfaces.
3. Lubricate and install a new seal.
4. Install manifold and tighten cap screws to specification.

Item	Measurement	Specification
Manifold Cap Screws	Torque	26 N·m (19 lb-ft)

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