

Component Procedures: Pilot Bearing

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1. Clutch Pilot Bearing Replacement (Article 14037)

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Special Tools

- J 38836 - Pilot Bushing Installer/ Clutch
- J 43276 - Clutch Pilot Bearing Remover

Removal Procedure

- Remove the clutch. Refer to Clutch Assembly Replacement . Click for full-size image
- Remove the clutch bearing using the J 43276 - clutch pilot bearing remover .
- Install the J 43276-1 into the clutch pilot bearing .
- Using a wrench, secure the J 43276-1.
- Insert the J 43276-2 into the J 43276-1.
- Rotate the J 43276-2 clockwise into the J 43276-1 until the clutch pilot bearing is completely removed from the crankshaft.
- Rotate the J 43276-2 counterclockwise to remove the J 43276-2 from the J 43276-1.
- Remove the J 43276-1 from the tool body.

Installation Procedure

- Install a 5/8 inch washer (1) onto the J 38836 - pilot bushing installer/clutch or equivalent. The washer serves as a stop against the crankshaft face and will assist in installing the bearing to the proper depth. Click for full-size image
- Install the new pilot bearing (2) onto the tool.
- Install a new pilot bearing into the crankshaft using the J 38836 - pilot bushing installer/clutch . Click for full-size image
- Inspect the clutch pilot bearing for proper installation. A properly installed clutch pilot bearing will be installed until flush to the rear of the crankshaft.
- Install the clutch. Refer to Clutch Assembly Replacement .