
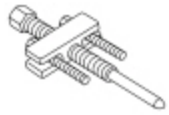




Crankshaft Pulley

Special Tool(s)

 <p>ST2428-A</p>	Installer, Crankshaft Vibration Damper 303-102 (T74P-6316-B)
 <p>ST1784-A</p>	Remover, Crankshaft Vibration Damper 303-101 (T74P-3616-A)
 <p>ST2897-A</p>	Remover, Crankshaft Vibration Damper 303-773
 <p>ST1438-A</p>	Strap Wrench 303-D055 (D85L-6000-A) or equivalent

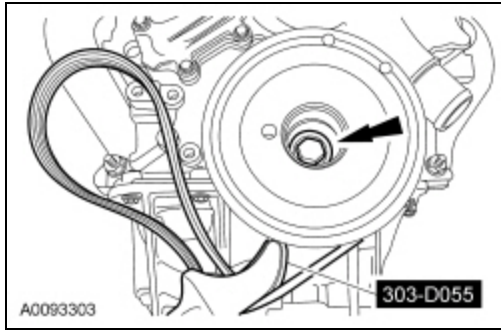
General Equipment

8-mm x 1.25 x 100-mm bolts (2 required)

Removal

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Remove the Air Cleaner (ACL) outlet pipe. For additional information, refer to [Section 303-12](#).
3. Remove the accessory drive belt. For additional information, refer to [Section 303-05](#).
4. **NOTE:** *This bolt is torque-to-yield and cannot be reused.*

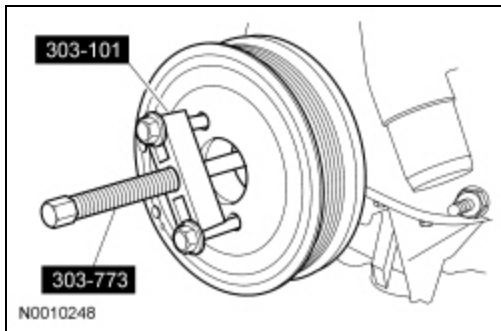
Using the Strap Wrench, hold the crankshaft pulley, remove the bolt and washer.



5. **NOTE:** If the pulley bolt is not installed, the Crankshaft Vibration Damper Remover will bottom out before the pulley is off.

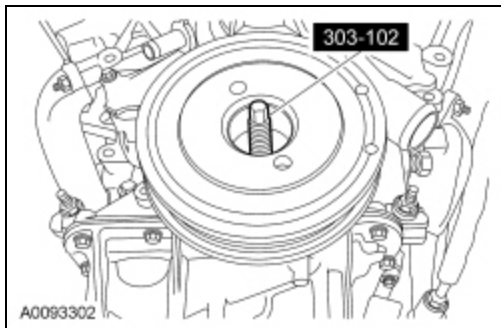
Install the crankshaft pulley bolt 2 to 3 turns. Using the Crankshaft Vibration Damper Removers and the two 8-mm bolts, remove the crankshaft pulley.

- Discard the crankshaft pulley bolt.



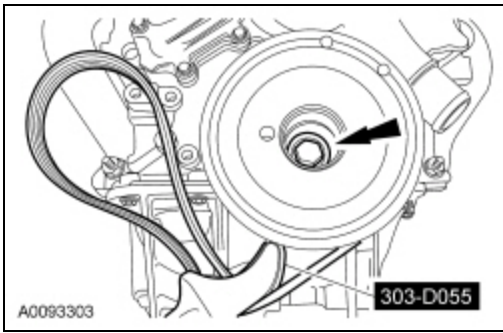
Installation

1. Using the Crankshaft Vibration Damper Installer, install the crankshaft pulley.



2. Using the Strap Wrench, hold the crankshaft pulley, install a new crankshaft pulley bolt. Tighten the bolt in 2 stages.

- Stage 1: Tighten to 55 Nm (41 lb-ft).
- Stage 2: Tighten an additional 85 degrees.



3. Install the accessory drive belt. For additional information, refer to [Section 303-05](#).

4. Install the ACL outlet pipe. For additional information, refer to [Section 303-12](#).

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