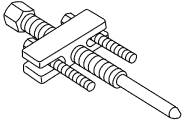
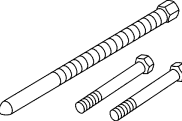
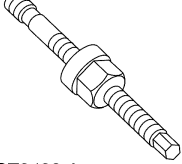
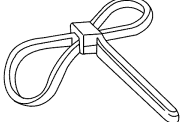


IN-VEHICLE REPAIR

Crankshaft Pulley

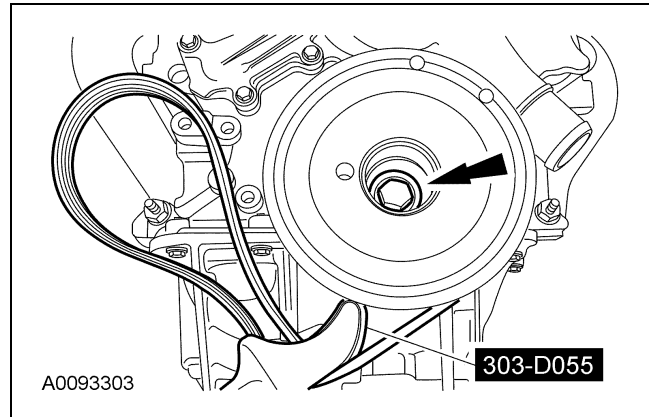
Special Tool(s)

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

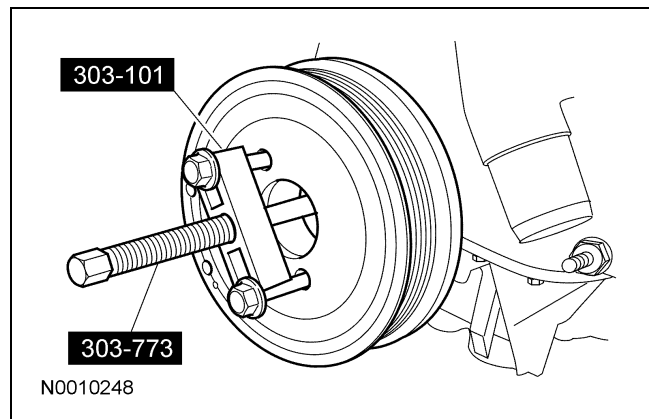
Removal

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Remove the air cleaner 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 special tool to hold the crankshaft pulley, remove the bolt.

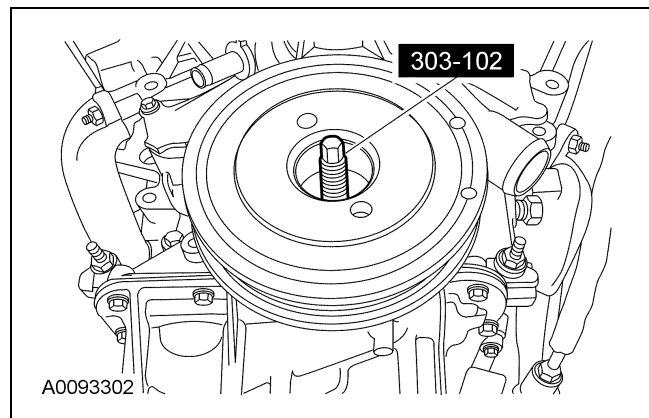


5. Using the special tools and two 8-mm x 1.25 x 100-mm bolts, remove the crankshaft pulley.
 - Discard the crankshaft pulley bolt.



Installation

1. Using the special tool, install the crankshaft pulley.



IN-VEHICLE REPAIR (Continued)

2. Using the special tool to hold the crankshaft pulley, install a new crankshaft pulley bolt. Tighten the bolt in 2 stages.

- Stage 1: Tighten to 45 Nm (33 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 air cleaner outlet pipe. For additional information, refer to Section 303-12.

