

Crankshaft Pulley

Special Tool(s) / General Equipment

	303-1508 Installer, Front Crank Seal
	303-335 (T88T-6701-A) Installer, Front Cover Oil Seal TKIT-1988-FLM TKIT-1988-F
Strap Wrench	
Three Leg Puller	

Removal

1.

With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2.

Remove the following items:

1.

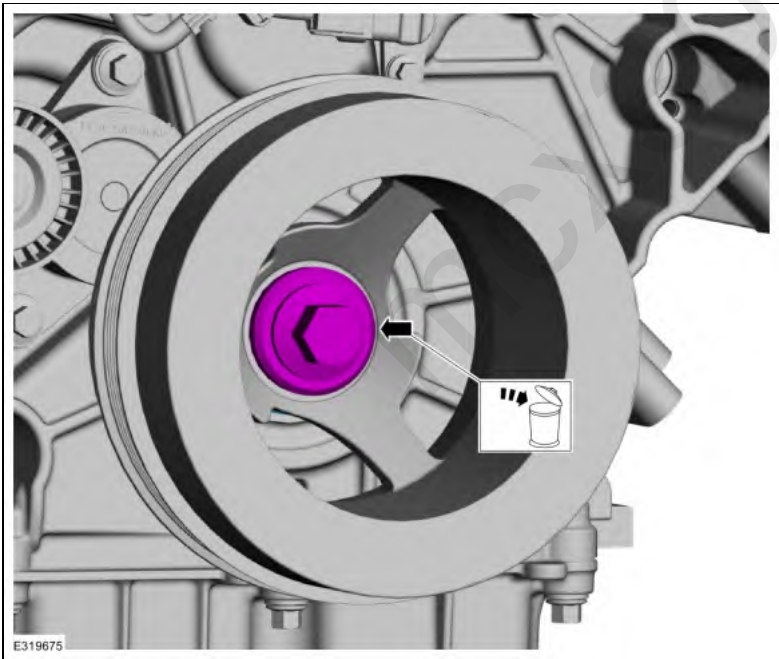
Cooling fan shroud.
Refer to: Cooling Fan Shroud (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).

2.

A/C compressor belt.
Refer to: Air Conditioning (A/C) Compressor Belt (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
3.

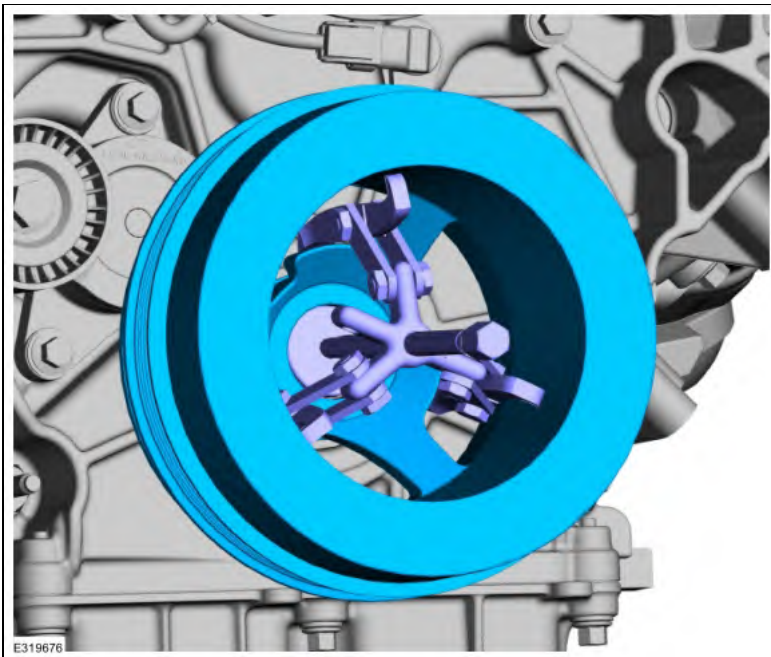
NOTE: If further disassembly of the engine will be performed, retain the original crankshaft pulley bolt for removing the crankshaft front seal, and if necessary, turning the crankshaft while the pulley is removed.

Remove and discard the crankshaft pulley bolt.



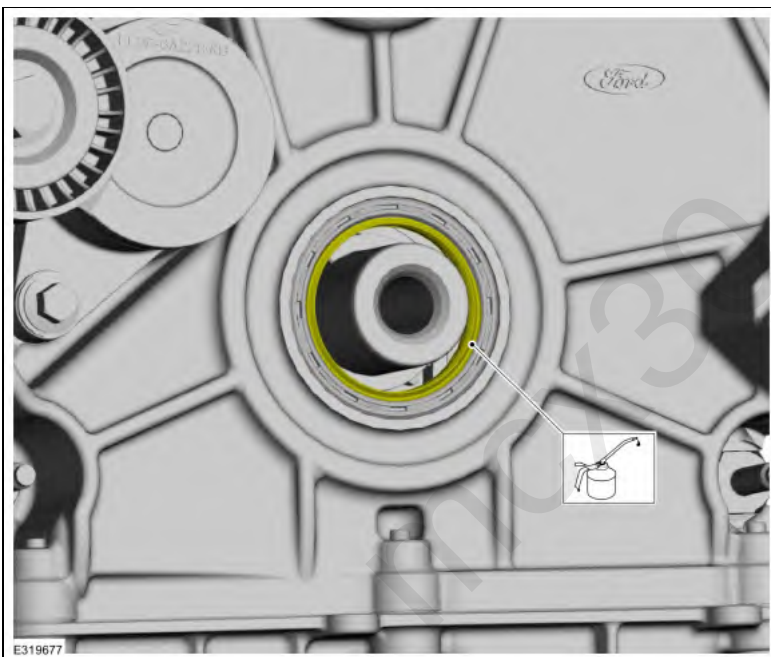
4.

Remove the crankshaft pulley using a 3-jaw puller and a step plate.
Use the General Equipment: Three Leg Puller

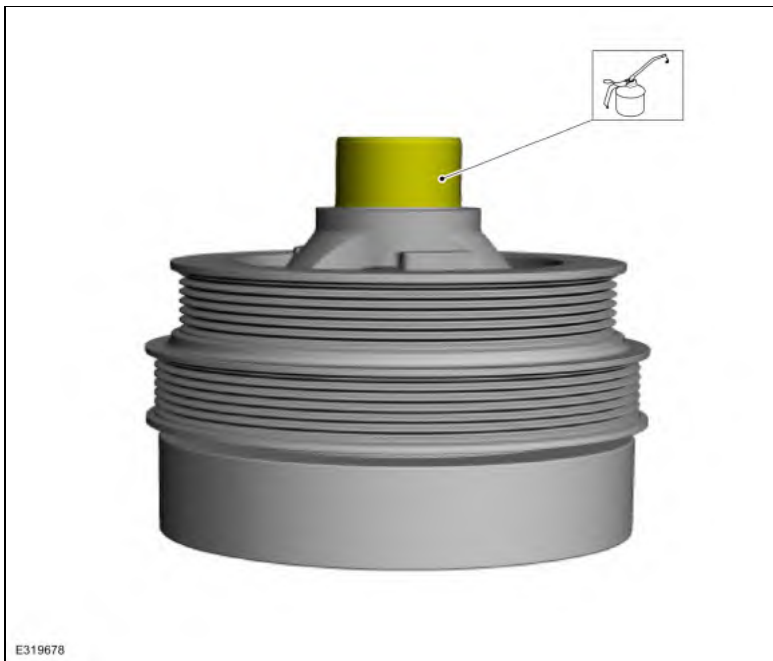


Installation

1. Lubricate the crankshaft front oil seal inner lip with clean engine oil.

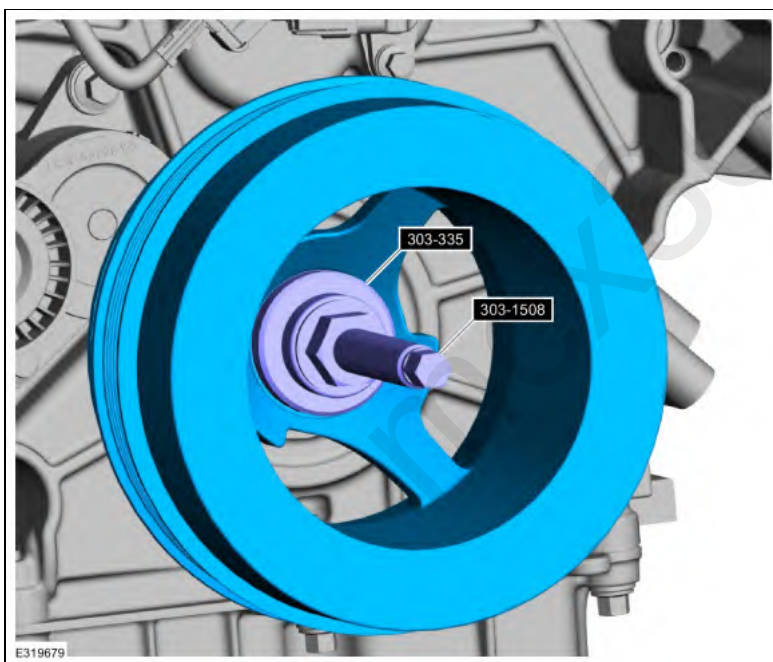


2. Lubricate the crankshaft pulley sealing surface with clean engine oil prior to installation.



3. Using the special tools, install the crankshaft pulley.

Use Special Service Tool: 303-335 (T88T-6701-A) Installer, Front Cover Oil Seal , 303-1508 Installer, Front Crank Seal.



4. With the aid of an assistant, use a Strap Wrench to install a new crankshaft pulley bolt.

Use the General Equipment: Strap Wrench

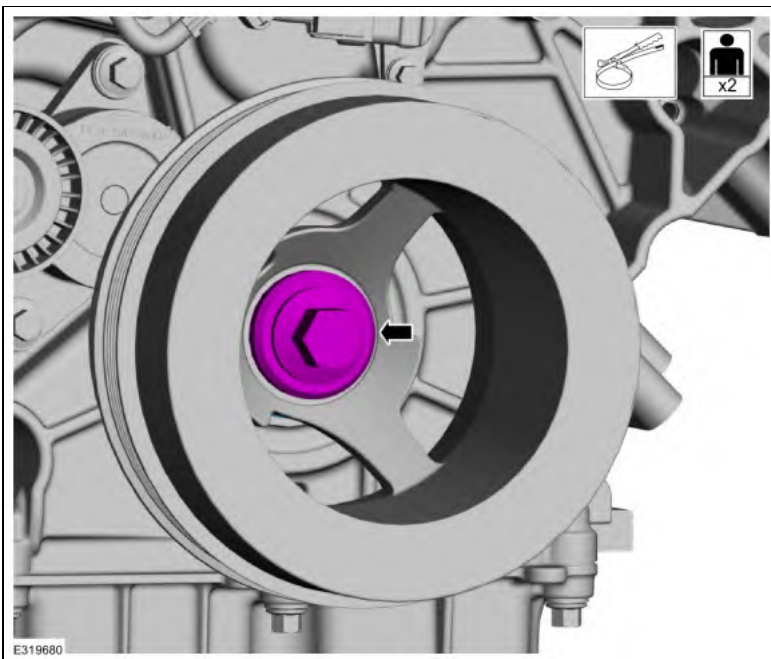
Torque:

Stage 1: 66 lb.ft (90 Nm)

Stage 2: Loosen: 360°

Stage 3: 129 lb.ft (175 Nm)

Stage 4: Tighten an additional : 150°



5. Install the following items:

1. A/C compressor belt.

Refer to: Air Conditioning (A/C) Compressor Belt (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).

2. Cooling fan shroud.

Refer to: Cooling Fan Shroud (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).

6. Use the Powertrain Control Module (PCM) Misfire Monitor Profile Correction routine in the diagnostic scan tool.