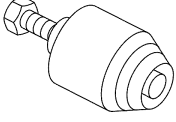
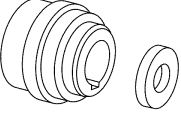
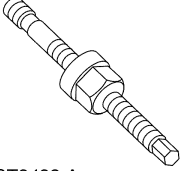


IN-VEHICLE REPAIR

Crankshaft Front Seal

Special Tool(s)

 <p>ST1288-A</p>	<p>Remover, Crankshaft Front Oil Seal 303-107 (T74P-6700-A)</p>
 <p>ST2439-A</p>	<p>Aligner, Front Cover 303-093 (T74P-6019-A)</p>
 <p>ST2428-A</p>	<p>Installer, Crankshaft Vibration Damper 303-102 (T74P-6316-B)</p>

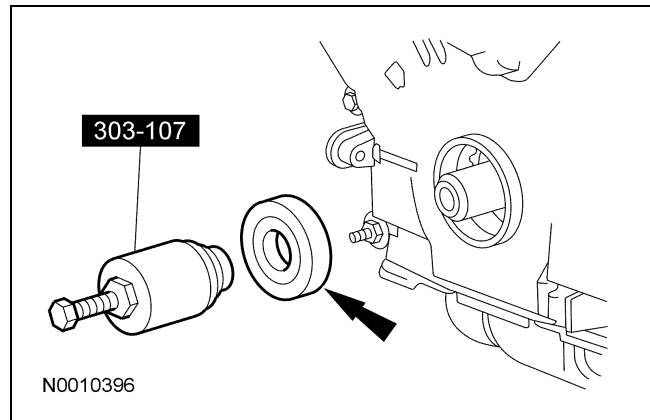
Material

Item	Specification
<p>Motorcraft SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP (in Canada Motorcraft SAE 5W-30 Super Premium Motor Oil CXO-5W30-LSP12) or equivalent</p>	<p>WSS-M2C929-A</p>

Removal

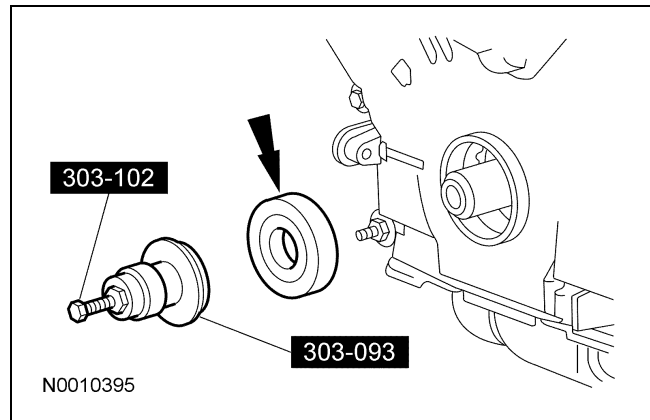
1. Remove the crankshaft pulley. For additional information, refer to Crankshaft Pulley in this section.

2. Using the special tool, remove and discard the crankshaft front seal.



Installation

1. **NOTE:** Lubricate the new front seal with clean engine oil.
Using the special tools, install a new crankshaft front seal.



2. Install the crankshaft pulley. For additional information, refer to Crankshaft Pulley in this section.