

IN-VEHICLE REPAIR

Crankshaft Rear Seal

Special Tool(s)


| | |
|--|--|
|  <p>ST1385-A</p> | <p>Remover, Oil Seal 303-409 (T92C-6700-CH)</p> |
|  <p>ST1785-A</p> | <p>Service Set, Crankshaft Rear Oil Seal 303-S524 (T95T-6701-AR)</p> |
|  <p>ST2132-A</p> | <p>Installer, Crankshaft Rear Oil Seal 303-579 (T97T-6701-A)</p> |

Material

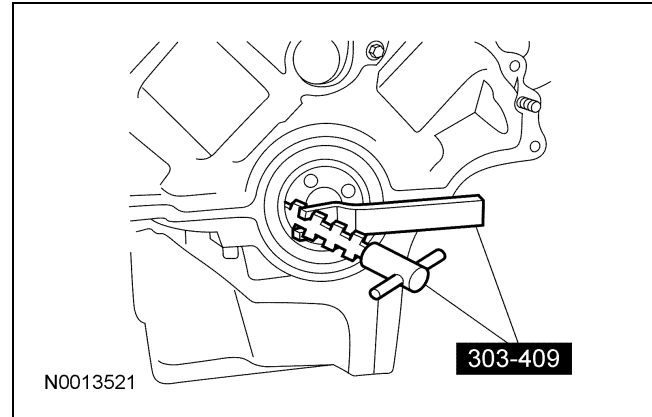
| Item | Specification |
|---|---------------------|
| <p>Motorcraft SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP (in Canada Motorcraft SAE 5W-30 Super Premium Motor Oil CXO-5W30-LSP12) or equivalent</p> | <p>WSS-M2C929-A</p> |
| <p>Motorcraft Metal Surface Prep ZC-31</p> | <p>—</p> |

Removal

1. Remove the flexplate or flywheel. For additional information, refer to Flexplate or Flywheel in this section.
2. Remove the spacer plate.

3.  **CAUTION:** Avoid scratching or damaging the crankshaft rear seal running surface during removal of the crankshaft rear seal.

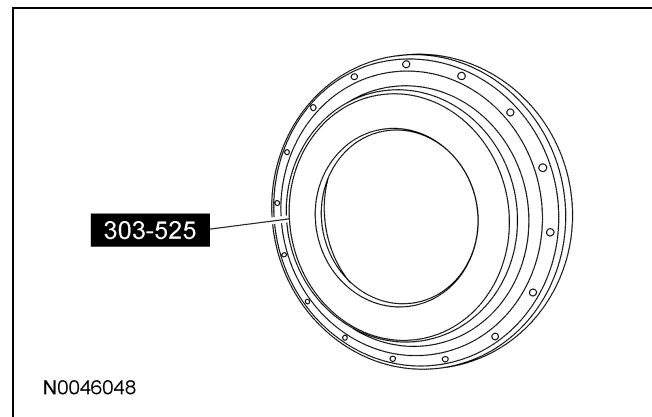
Using the special tool, remove the crankshaft rear seal.



Installation

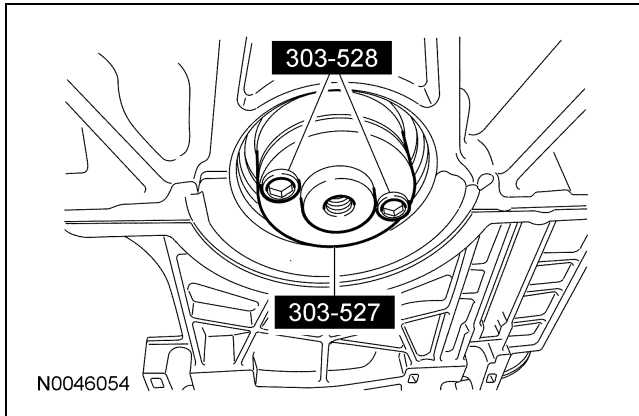
1. **NOTE:** Be sure the crankshaft rear sealing surface is clean and free from any rust or corrosion. To clean the crankshaft rear seal surface area, use extra-fine emery cloth or extra-fine 0000 steel wool with metal surface prep.

Lubricate the crankshaft rear oil seal with clean engine oil and install it on the special tool.

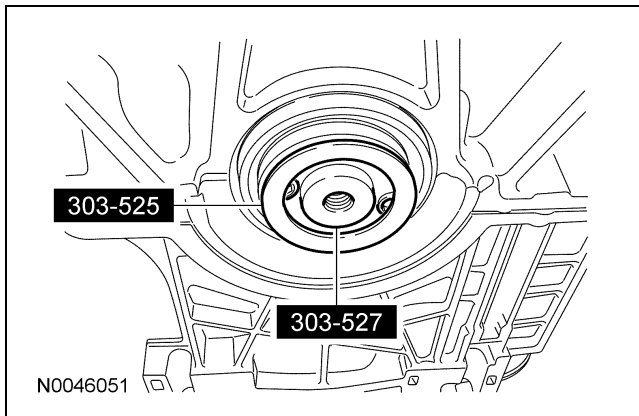


IN-VEHICLE REPAIR (Continued)

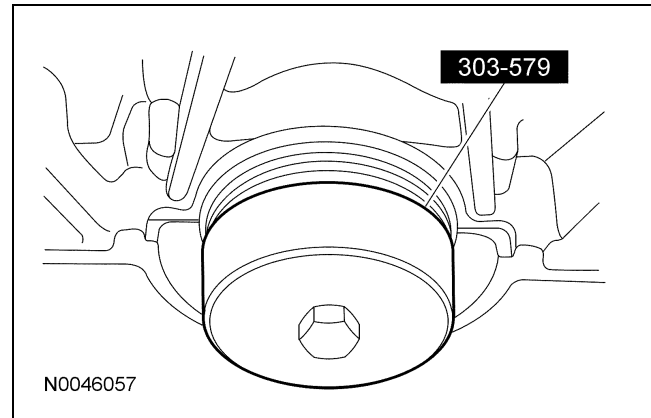
2. Install the special tools.



3. Position the crankshaft rear seal and the special tool.



4. Using the special tool, install the crankshaft rear seal.



5. Install the flexplate-to-crankshaft spacer.
6. Install the spacer plate.
7. Install the flexplate or flywheel. For additional information, refer to Flexplate or Flywheel in this section.