

Crankshaft Rear Seal

Special Tool(s)

 <p>ST3074-A</p>	<p>Adapter for 303-579 (part of 303-S524) 303-527 (T95P-6701-A3)</p>
 <p>ST2132-A</p>	<p>Installer, Crankshaft Rear Oil Seal 303-579 (T97T-6701-A)</p>
 <p>ST1385-A</p>	<p>Remover, Oil Seal 303-409 (T92C-6700-CH)</p>
 <p>ST3075-A</p>	<p>Screws, Crankshaft Rear Oil Seal (part of 303-S524) 303-528 (T95T-6701-A4)</p>

Material

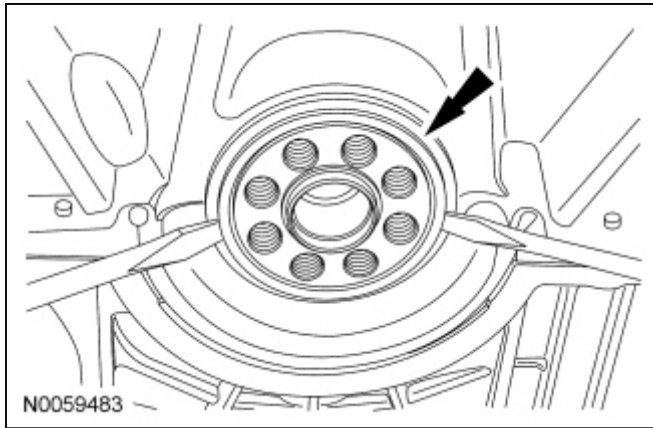
Item	Specification
Motorcraft® Metal Surface Prep ZC-31-A	—
Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP (US); Motorcraft® SAE 5W-30 Super Premium Motor Oil CXO-5W30-LSP12 (Canada); or equivalent	WSS-M2C929-A

Removal

1. Remove the flexplate or flywheel. For additional information, refer to [Flexplate](#) or [Flywheel](#) in this section.
2. Remove the spacer plate.
3. **NOTE:** The original crankshaft rear seal does not have a speedy sleeve. Only a new replacement crankshaft rear seal comes with a speedy sleeve.

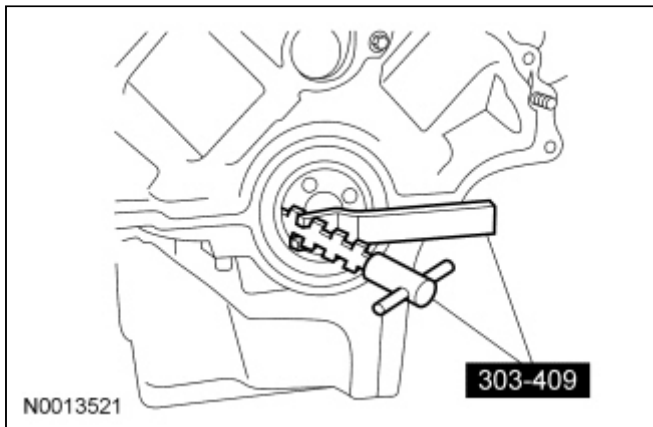
NOTE: The crankshaft rear seal may have a metal speedy sleeve. This sleeve must be removed before attempting to remove the seal.

If necessary, remove the speedy sleeve using 2 screwdrivers or small pry bars.



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

Using the Oil Seal Remover, remove the crankshaft rear seal.



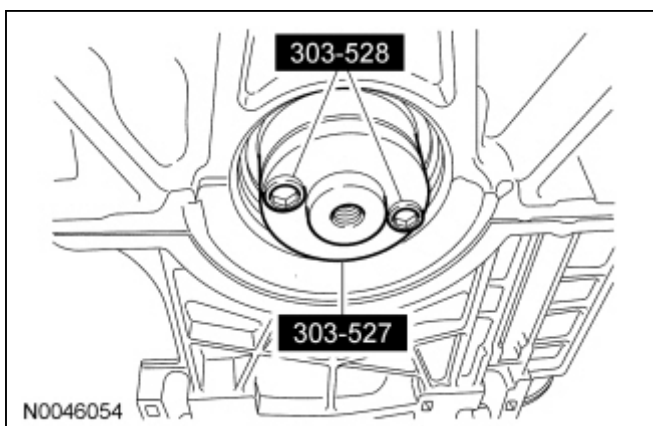
Installation

- NOTE:** The new replacement crankshaft rear seal comes with a speedy sleeve. Do not remove the speedy sleeve, it must be installed with the crankshaft rear seal.

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.

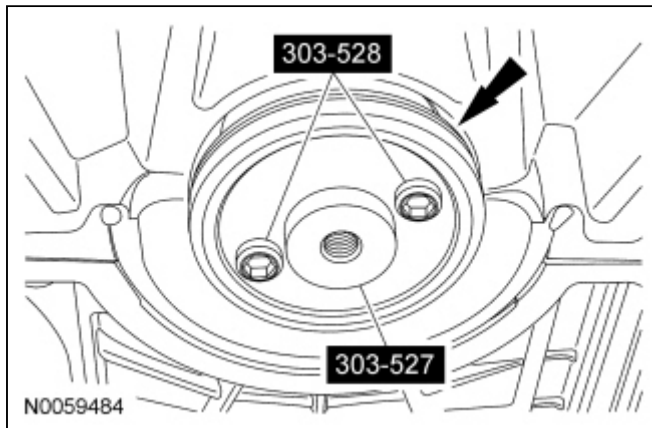
Lubricate the crankshaft rear oil seal with clean engine oil.

- Install the Crankshaft Rear Oil Seal Screws and Adapter.

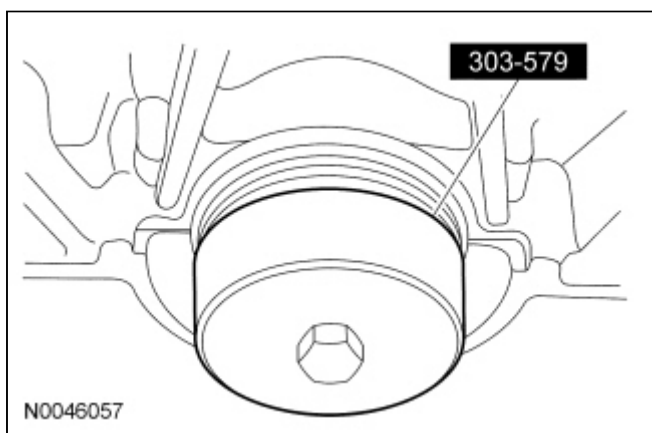


- Position the crankshaft rear seal with speedy sleeve around the Crankshaft Rear Oil Seal Screws and

Adapter.



4. Using the Crankshaft Rear Oil Seal Installer, install the crankshaft rear seal with speedy sleeve.



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.
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