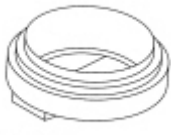







Crankshaft Rear Seal

Special Tool(s)

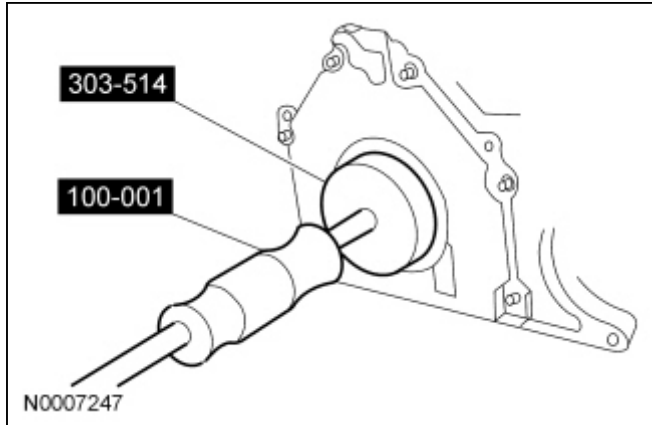
 ST1479-A	Installer, Crankshaft Rear Oil Seal 303-516 (T95P-6701-BH)
 ST1480-A	Installer, Crankshaft Rear Oil Seal 303-518 (T95P-6701-DH)
 ST1482-A	Installer, Crankshaft Rear Oil Slinger 303-517 (T95P-6701-CH)
 ST1382-A	Remover, Crankshaft Rear Oil Seal 303-519 (T95P-6701-EH)
 ST1481-A	Remover, Crankshaft Rear Oil Slinger 303-514 (T95P-6701-AH)
 ST1185-A	Slide Hammer 100-001 (T50T-100-A)

Material

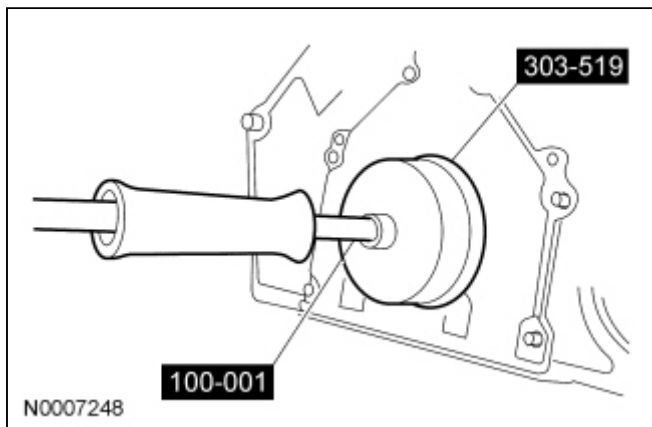
Item	Specification
Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP (US); Motorcraft® SAE 5W-20 Super Premium Motor Oil CXO-5W20-LSP12 (Canada); or equivalent	WSS-M2C930-A

Removal

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Remove the flywheel or flexplate. For additional information, refer to [Lower End Components — Exploded View, Flexplate, Flywheel and Crankshaft Rear Seal](#) and [Flexplate](#) or [Flywheel](#) in this section.
3. Using the Slide Hammer and the Crankshaft Rear Oil Slinger Remover, remove the crankshaft oil slinger.
 - Discard the crankshaft oil slinger.



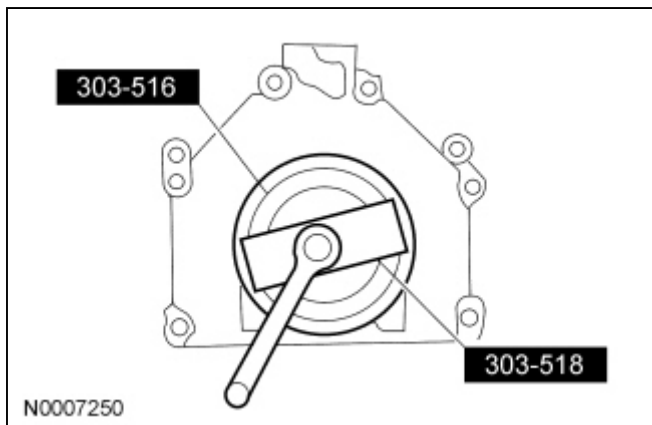
4. Using the Slide Hammer and the Crankshaft Rear Oil Seal Remover, remove the crankshaft rear seal.
 - Discard the crankshaft rear seal.



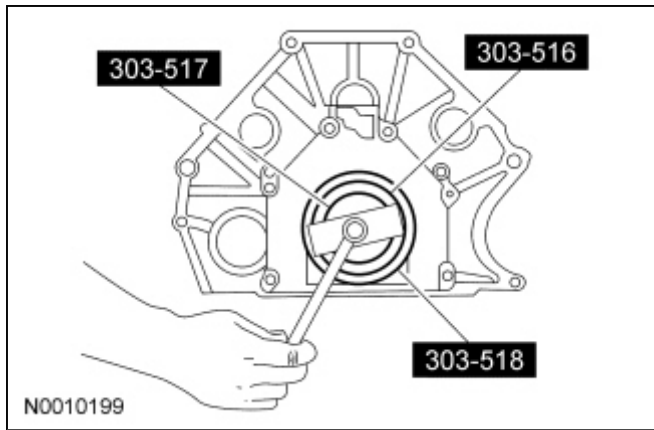
Installation

1. **NOTE:** Lubricate the inner lip of the crankshaft rear seal with clean engine oil.

Using the Crankshaft Rear Oil Seal Installers, install the crankshaft rear seal.



2. Using the Crankshaft Rear Oil Slinger Installer and the Crankshaft Rear Oil Seal Installers, install the crankshaft rear oil slinger.



3. Install the flywheel or flexplate. For additional information, refer to [Lower End Components — Exploded View, Flexplate, Flywheel and Crankshaft Rear Seal](#) and [Flexplate](#) or [Flywheel](#) in this section.
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