

 E129694	100-001 (T50T-100-A) Slide Hammer
 E133913	205-153 (T80T-4000-W) Handle
 ST2980-A	303-1250 Seal Installer, Rear Main TKIT-2006UFFLM
	303-519 (T95P-6701-EH) Remover, Crankshaft Rear Oil Seal TKIT-1995-FH/FLMH TKIT-1995-LMH/MH
Plastic Scraper	

Materials

Name	Specification
Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil (U.S.) XO-5W20-QSP (U.S.)	WSS-M2C945-A
Motorcraft® Silicone Gasket Remover ZC-30-A	-
Motorcraft® Metal Surface Prep ZC-31-B	-
Silicone Gasket and Sealant TA-30	WSE-M4G323-A4
Metal Brake Parts Cleaner (U.S.) PM-4-A, PM-4-B (U.S.)	-

REMOVAL AND INSTALLATION > CRANKSHAFT REAR SEAL WITH RETAINER PLATE > REMOVAL

1.

Remove the flexplate or flywheel. Refer to: Flexplate . Refer to: Flywheel .

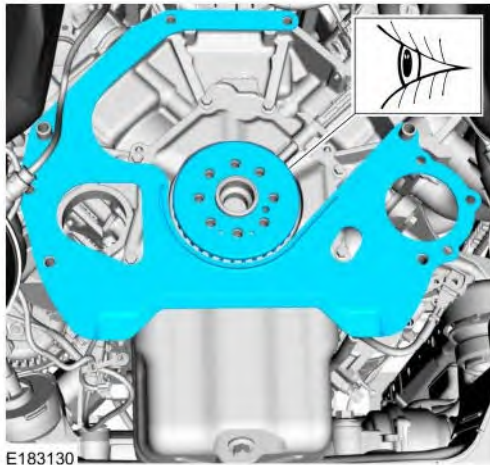


NOTE: Automatic transmission spacer plate shown in illustration, manual transmission similar.

2.

Remove the crankshaft sensor ring and the engine-to-transmission spacer plate.

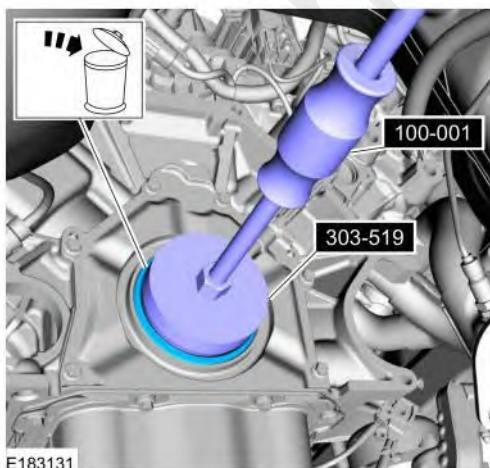
Inspect the crankshaft sensor ring for damage. If the crankshaft sensor ring has been dropped or has any visual damage, it must be discarded.



3.

Using the special tools, remove and discard the crankshaft rear seal.

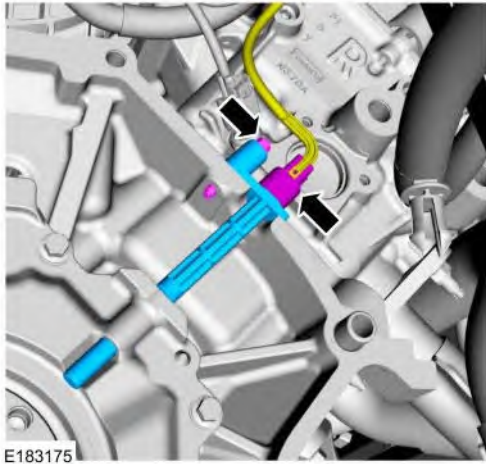
Use Special Service Tool: 303-519 (T95P-6701-EH) Remover, Crankshaft Rear Oil Seal, 100-001 (T50T-100-A) Slide Hammer.



4.

Disconnect the CKP sensor electrical connector.

Remove the bolt and the CKP sensor.

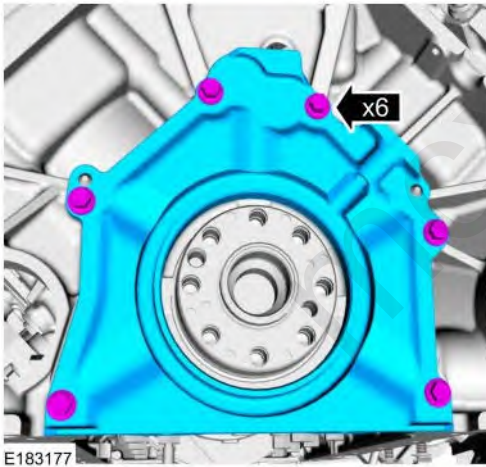


5.

Remove the oil pan. Refer to: Oil Pan .

6.

Remove the bolts and the crankshaft rear seal retainer plate.



 **NOTE:** Do not use metal scrapers, wire brushes, power abrasive discs or other abrasive means to clean the sealing surfaces. These tools cause scratches and gouges which make leak paths. Use a plastic scraping tool to remove all traces of old sealant.

7.

Clean and inspect the mating surface. Refer to: RTV Sealing Surface Cleaning and Preparation .

Use the General Equipment: Plastic Scraper