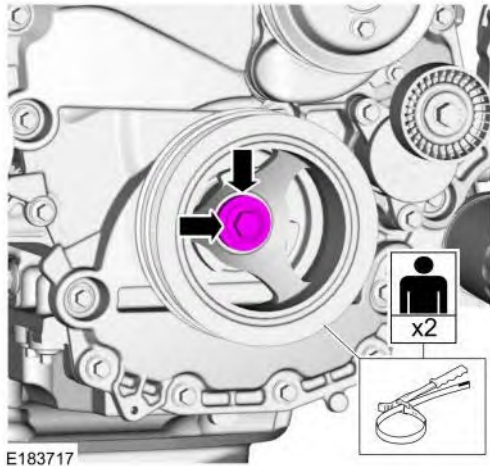




6.

Install the A/C compressor belt. Refer to: AIR CONDITIONING (A/C) COMPRESSOR BELT .

7.

After completing the repairs, perform the Misfire Monitor Neutral Profile Correction procedure using a diagnostic scan tool.

REMOVAL AND INSTALLATION > CRANKSHAFT REAR SEAL

Special Tool(s) / General Equipment

Plastic Scraper

Materials

Name	Specification
Motorcraft ® SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP	WSS-M2C946-A
Motorcraft ® High Performance Engine RTV Silicone TA-357	WSE-M4G323-A6
Motorcraft ® Silicone Gasket Remover ZC-30-A	-
Motorcraft ® Metal Surface Prep ZC-31-A	-
Metal Brake Parts Cleaner PM-4-A, PM-4-B	-

REMOVAL AND INSTALLATION > CRANKSHAFT REAR SEAL > REMOVAL



NOTE: During engine repair procedures, cleanliness is extremely important. Any foreign

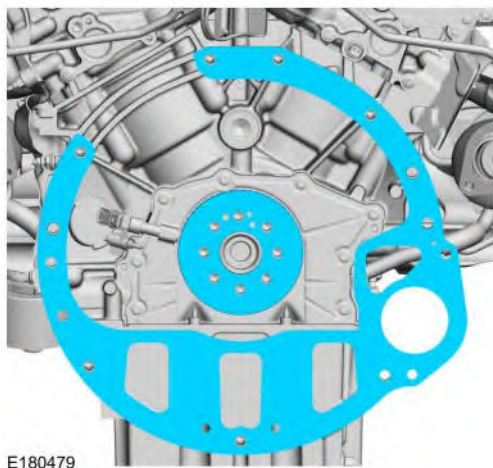
material, including any material created while cleaning gasket surfaces that enters the oil passages, coolant passages or the oil pan, may cause engine failure.

1.

Remove the flexplate. Refer to: Flexplate .

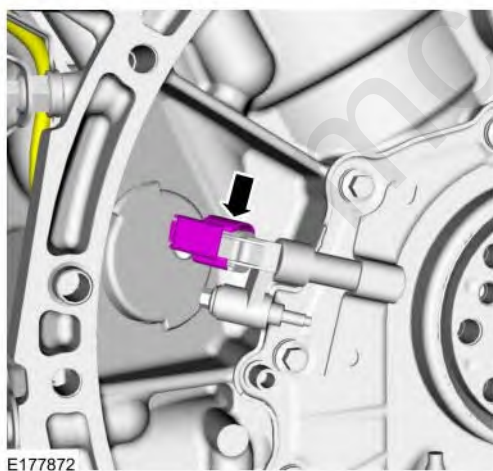
2.

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



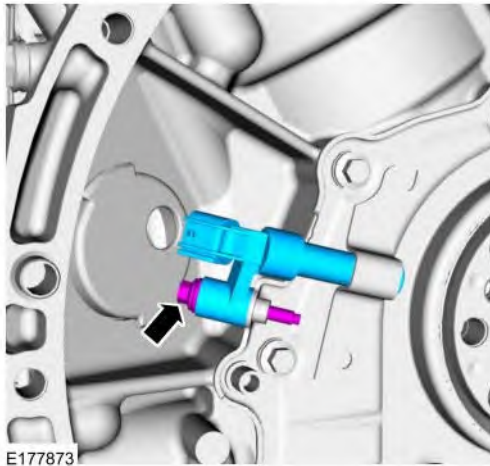
3.

Disconnect the CKP sensor electrical connector.



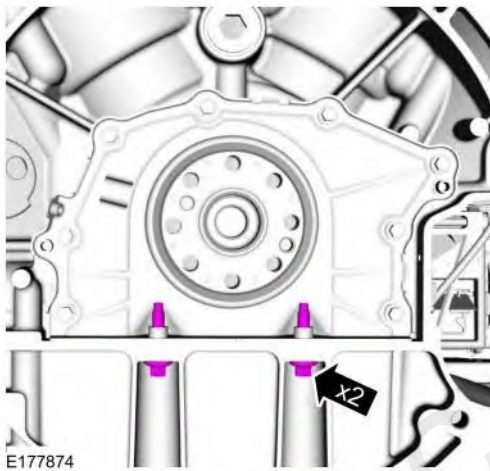
4.

Remove the bolt and the CKP sensor.



5.

Remove oil pan-to-crankshaft rear seal bolts.



6.

Remove the bolts and the crankshaft rear seal retainer. Discard the crankshaft rear seal retainer.

