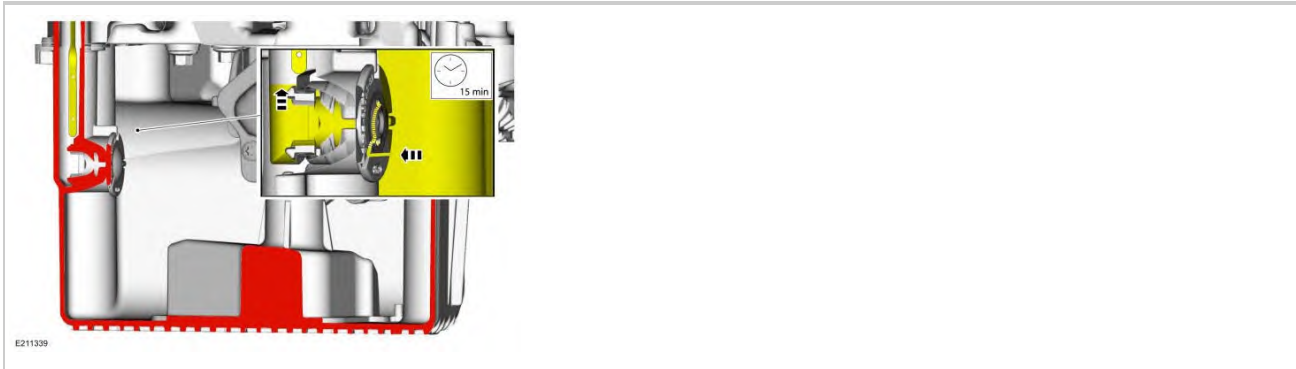


After filling the engine with oil, the oil must flow from the main chamber of the oil pan, through a check valve into the smaller side chamber to correctly register the oil level on the oil level indicator. This may take up to 15 minutes.



10.

Connect the battery ground cable. Refer to: Battery Disconnect and Connect .

11.

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

REMOVAL AND INSTALLATION > CAMSHAFT RH

Materials

Name	Specification
Motorcraft ® SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP	WSS-M2C946-A
Flange Sealant CU7Z-19B508-A	WSS-M2G348-A11

REMOVAL AND INSTALLATION > CAMSHAFT RH > 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, can cause engine failure.



NOTE: If the components are to be reinstalled, they must be installed in their original locations.

1.

With the vehicle in NEUTRAL, position it on a hoist. Refer to: Jacking and Lifting - Overview .

2.

Release the fuel system pressure. Refer to: FUEL SYSTEM PRESSURE RELEASE .

3.

Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

4.

Remove the following items:

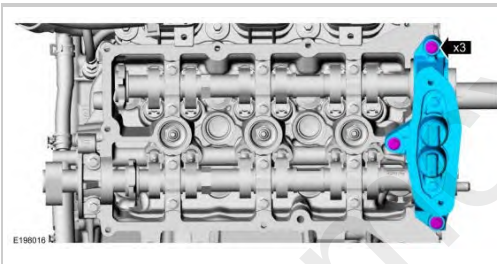
Refer to: HIGH-PRESSURE FUEL PUMP DRIVE UNIT .

RH VCT units. Refer to: Variable Camshaft Timing (VCT) Unit .

5.

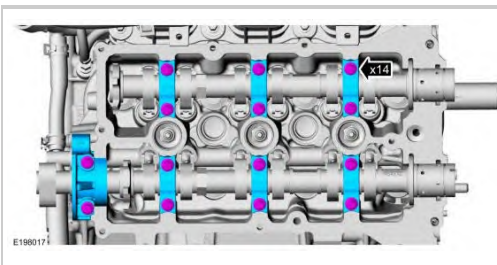
 **NOTE:** The front camshaft bearing mega cap must be removed first and then the remaining camshaft bearing caps. Failure to follow this direction may result in damage to the engine.

Remove the bolts and the front camshaft bearing mega cap.



6.

Remove the bolts and the camshaft bearing caps.



7.

Remove the intake and exhaust camshafts.