

Indmar Products

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SERVICE PROCEDURE

Date: 6/12/14

Alert: SP2015-11

Subject: Valve Cover R&R Bank 2 (Cylinder 5) Side

Materials Required – Silicone sealant

1. Disconnect the crankcase ventilation tube from the valve cover.
2. Remove the two bolts holding the high fill bottle bracket to the valve cover and engine block so you can move the high fill bottle and tube out of the way as needed.
3. Disconnect the 4 ignition wires from the ignition coils.
4. Disconnect the 4 ignition wire retainers from the valve cover.
5. Disconnect the Variable Camshaft Timing (VCT) solenoid electrical connector.
6. NOTE: Do not use metal scrapers, wire brushes, power abrasive discs or other abrasive means to clean sealing surfaces. These tools cause scratches and gouges which make leak paths. Use a plastic scraping tool to remove all traces of old sealant.
NOTE: When removing the valve cover, make sure to avoid damaging the Variable Camshaft Timing (VCT) solenoid.

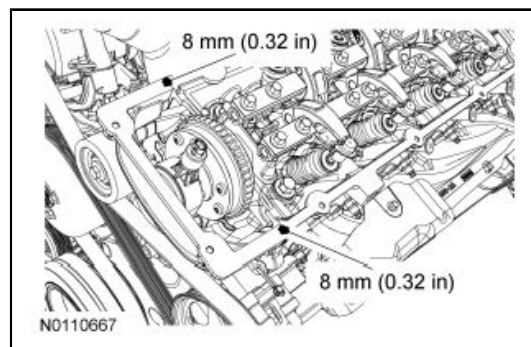
NOTE: The fasteners are part of the valve cover and should not be removed.

Loosen the 10 fasteners and remove the Bank 1 valve cover and gasket.

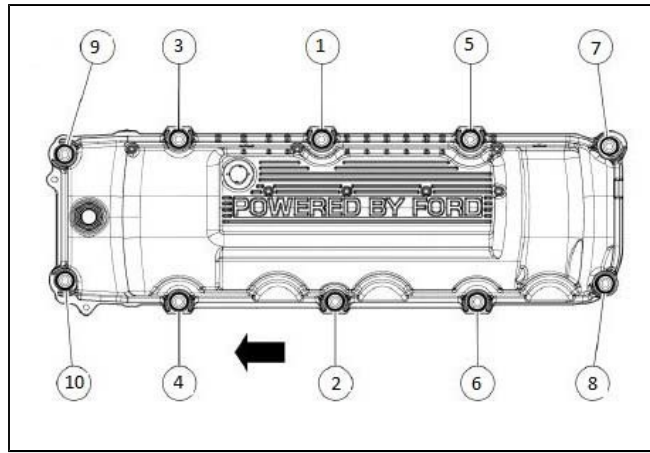
- Clean the valve cover mating surface of the cylinder head.
- Discard the valve cover gasket. Clean the gasket groove with soap and water or a suitable solvent.

Installation

1. Install a bead of silicone sealant in 2 places where the front cover meets the cylinder head.



2. Using a new gasket, position the valve cover on the cylinder head and tighten the 10 fasteners in the sequence shown.
 - a. Tighten to 89 lb-in (10 Nm)



3. Connect the VCT solenoid electrical connector.
4. Connect the 4 ignition wire retainers to the valve cover.
5. Connect the 4 ignition wires to the ignition coils.
6. Connect the crankcase ventilation tube to the valve cover
7. Position and reinstall the closed cooling system high-fill bottle.