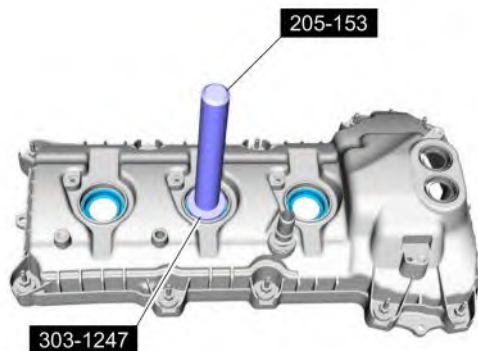




E177341

9.

Make sure that the mating faces are clean and free of foreign material. Refer to: RTV Sealing Surface Cleaning and Preparation . Use the General Equipment: Plastic Scraper

Material

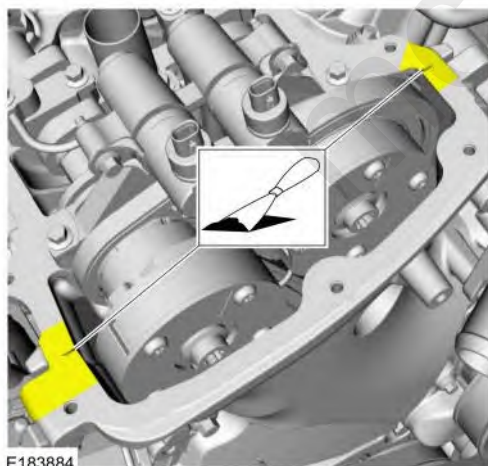
: Motorcraft ® Silicone Gasket Remover / ZC-30-A

Material

: Metal Brake Parts Cleaner / PM-4-A, PM-4-B

Material

: Motorcraft ® Metal Surface Prep / ZC-31-B



E183884

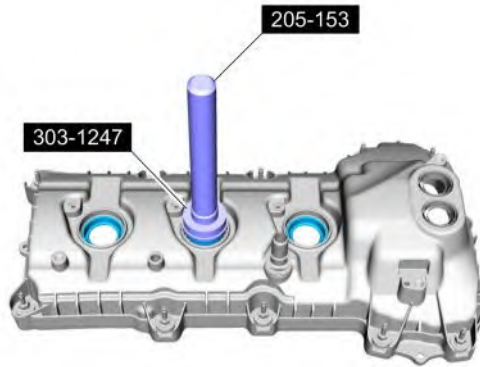
REMOVAL AND INSTALLATION > VALVE COVER RH > INSTALLATION

1.



NOTE: Installation of new seals is only required if damaged seals were removed.

If removed, using the special tools, install the spark plug tube seals. Use Special Service Tool: 303-1247 VCT Spark Plug Tube Seal Remover and Installer., 205-153 (T80T-4000-W) Handle.

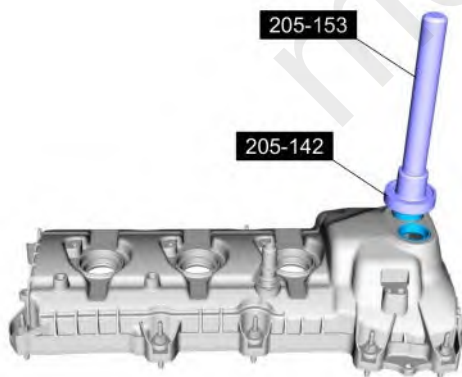


2.



NOTE: Installation of new seals is only required if damaged seals were removed.

If removed, using the special tools, install the VCT oil control solenoid seals. Use Special Service Tool: 205-142 (T80T-4000-J) Installer, Differential Bearing Cone., 205-153 (T80T-4000-W) Handle.



3.



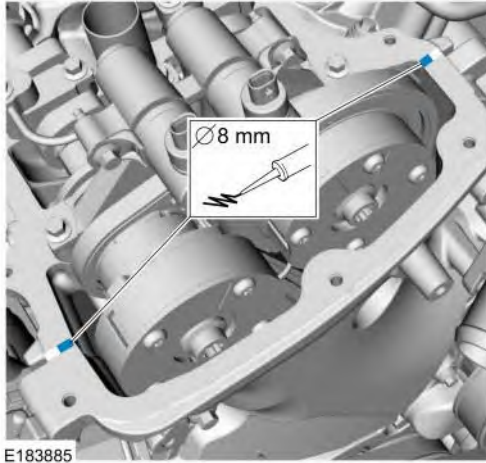
NOTE: If the valve cover is not installed and the fasteners tightened within 4

minutes, the sealant must be removed and the sealing area cleaned.

Apply an 8 mm (0.31 in) bead of Motorcraft® High Performance Engine RTV Silicone to the engine front cover-to-cylinder head joints.

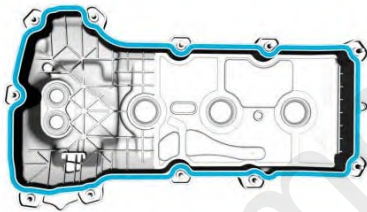
Material

: Motorcraft® High Performance Engine RTV Silicone / TA-357 (WSE-M4G323-A6)



4.

Install a new valve cover gasket.



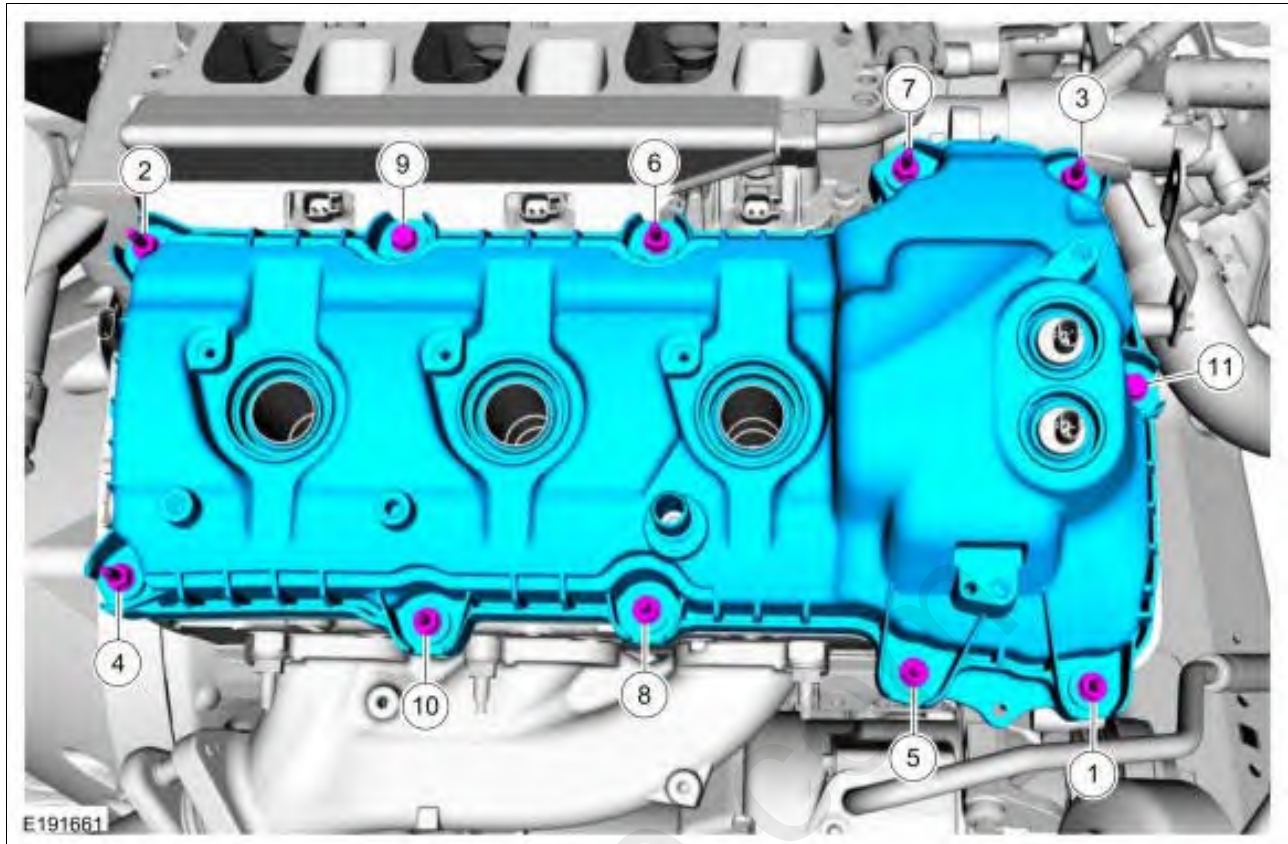
5.

Install the valve cover and tighten the bolts.

Torque

: 89 lb.in (10 Nm)

Fig 1: RH Valve Cover Bolts Tightening Sequence



Courtesy of FORD MOTOR CO.

6.

Make sure the VCT seals in the valve cover are below the top of the VCT oil control solenoid electrical connector or the VCT seal may leak oil.

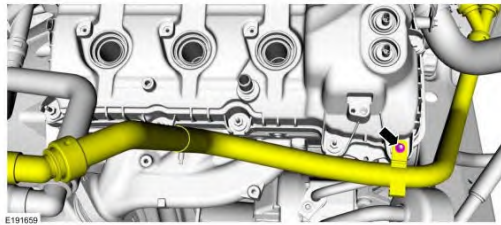


7.

Position the heater hose and retainer and install the nut.

Torque

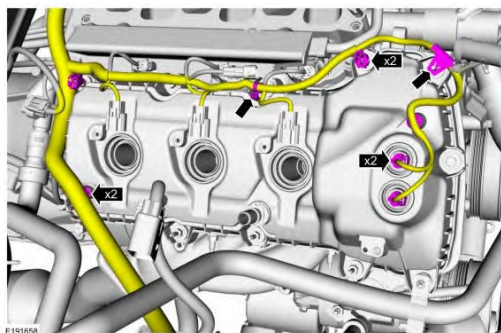
: 71 lb.in (8 Nm)



8.

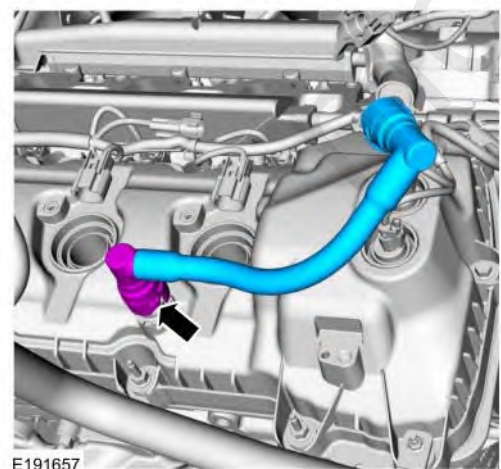
Attach the wiring harness retainers.

Connect the VCT oil control solenoid electrical connectors.



9.

Install the PCV tube.



10.

Install the RH ignition coil-on-plugs. Refer to: IGNITION COIL-ON-PLUG