

Valve Cover LH

Special Tool(s) / General Equipment

 E234304	205-142 (T80T-4000-J) Installer, Differential Bearing Cone
 E133913	205-153 (T80T-4000-W) Handle
Plastic Scraper	
Hose Clamp Remover/Installer	

Materials

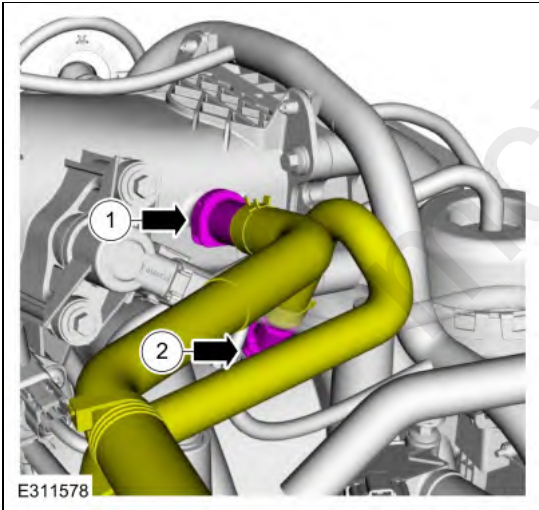
Name	Specification
Motorcraft® High Performance Engine RTV Silicone TA-357	WSE-M4G323-A6

Removal

NOTICE: 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.

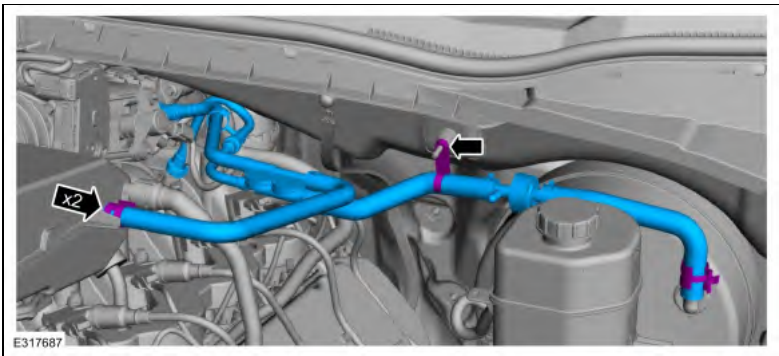
1.
1. If equipped with brake booster, follow directions to release the quick release coupling type 24. Disconnect the brake vacuum tube from the intake manifold.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .

2. Follow directions to release the quick release coupling type 24. Disconnect the brake vacuum tube from the intake manifold.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .

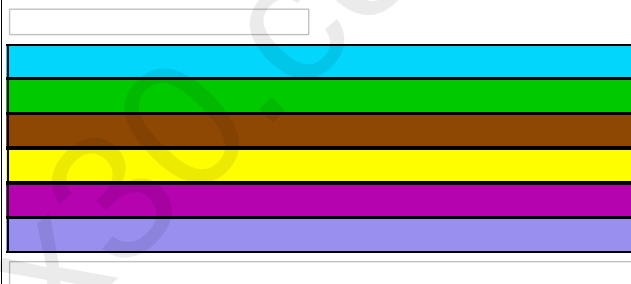
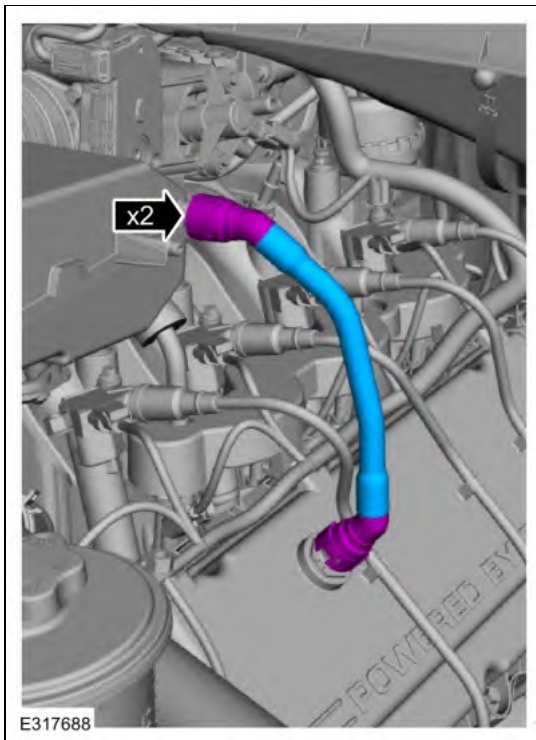


2.
- Release the vacuum tube clamps.
Use the General Equipment: Hose Clamp Remover/Installer

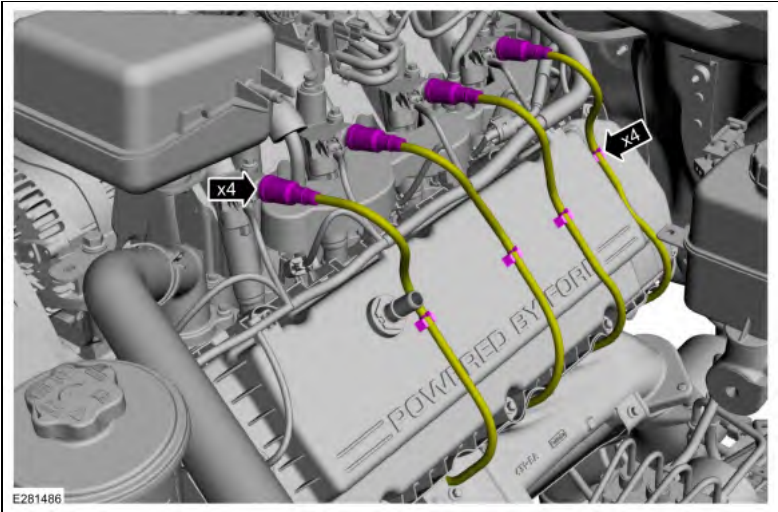
• Detach the retainer and remove the brake vacuum tubes.



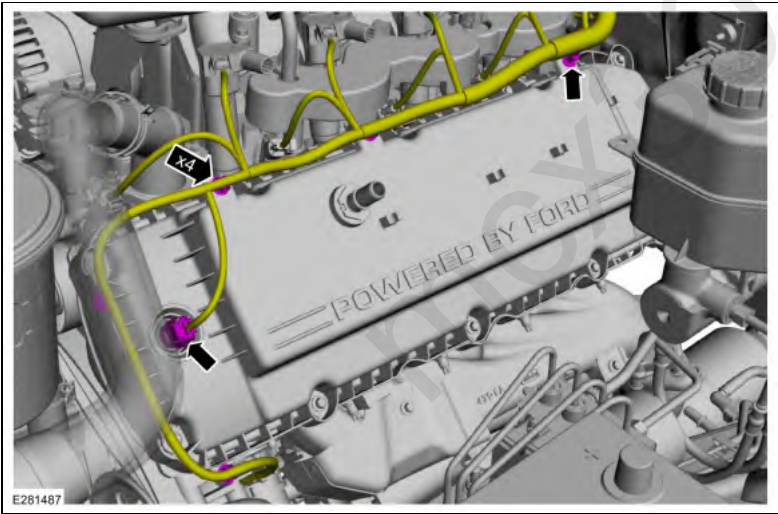
3. Follow directions to release the quick release coupling type 3. Disconnect and remove the crankcase vent tube.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .



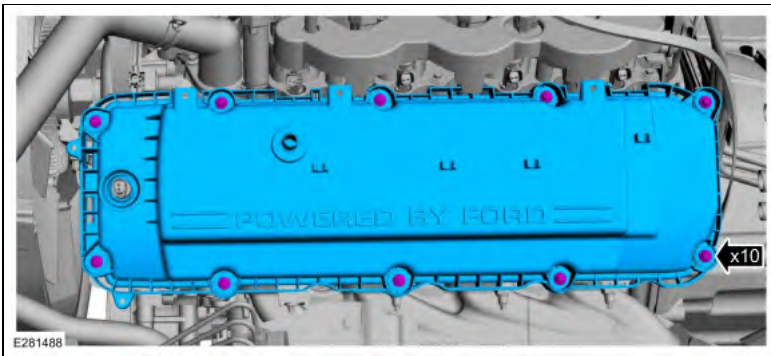
- 4.
- Disconnect the LH ignition wires from the LH ignition coil-on-plugs.
 - Disconnect the LH ignition wire retainers from the valve cover and position aside.



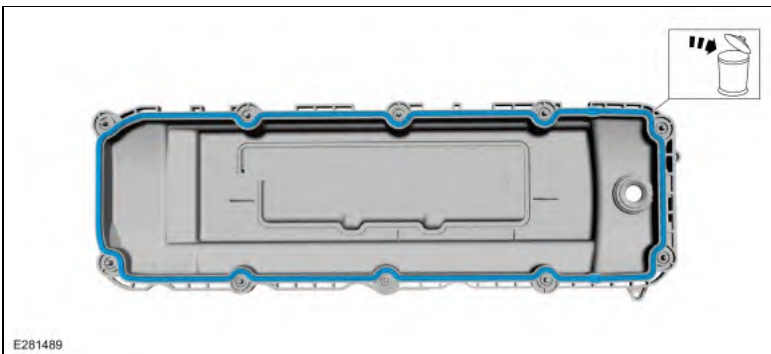
5. Disconnect the wiring harness electrical connector, retainers and position aside.



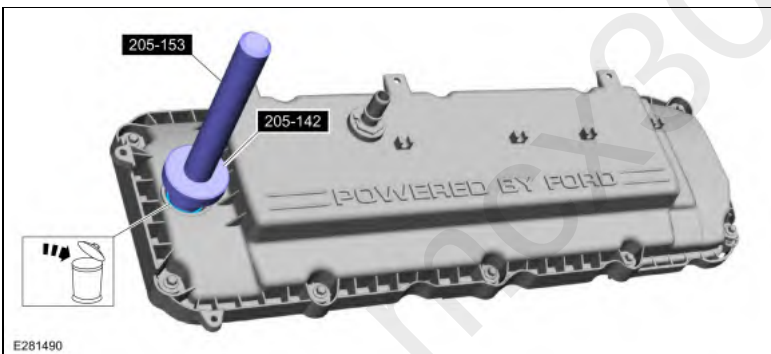
6. Loosen the fasteners and remove the LH valve cover.



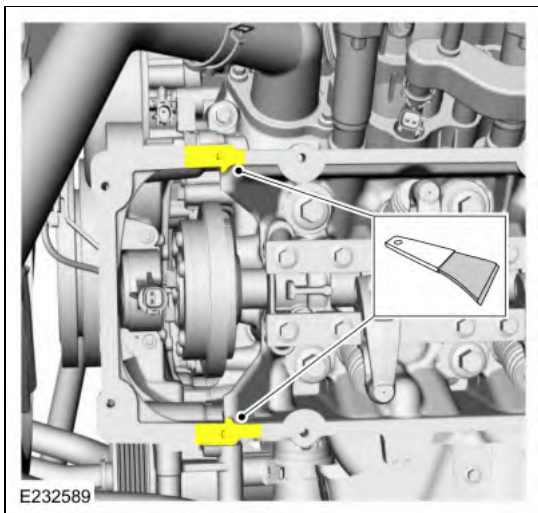
7. Remove and discard the LH valve cover gasket.

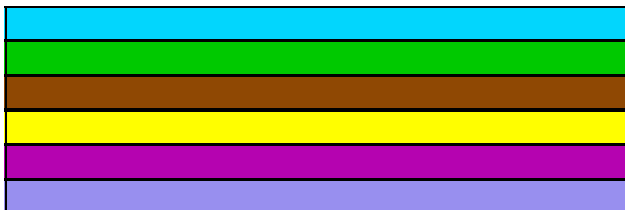


8. Inspect the VCT oil control solenoid seal. Remove and discard any damaged seals using the special tools.
Use Special Service Tool: 205-153 (T80T-4000-W) Handle. , 205-142 (T80T-4000-J) Installer, Differential Bearing Cone.



9. Make sure that the mating faces are clean and free of foreign material.
Use the General Equipment: Plastic Scraper



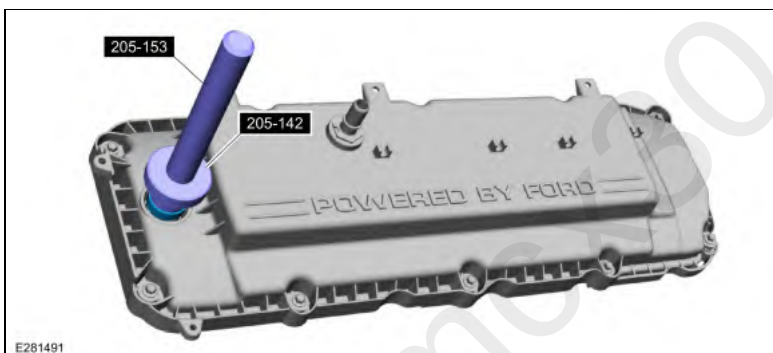


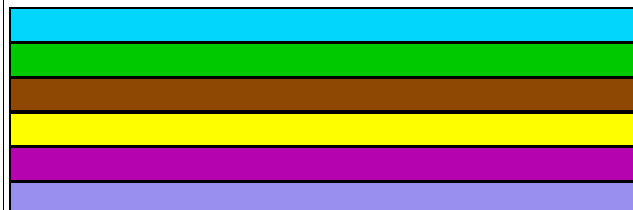
Installation

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

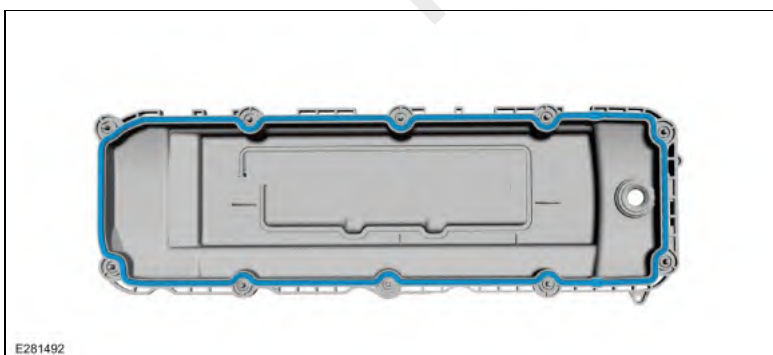
Using the special tools, install a new VCT oil control solenoid seal.

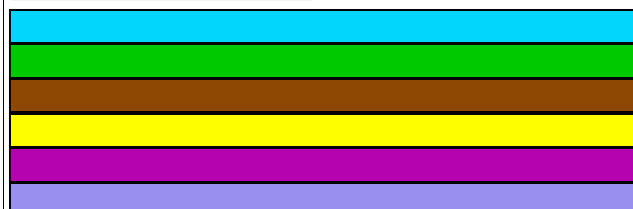
Use Special Service Tool: 205-153 (T80T-4000-W) Handle, 205-142 (T80T-4000-J) Installer, Differential Bearing Cone.





- Install a new LH valve cover gasket.

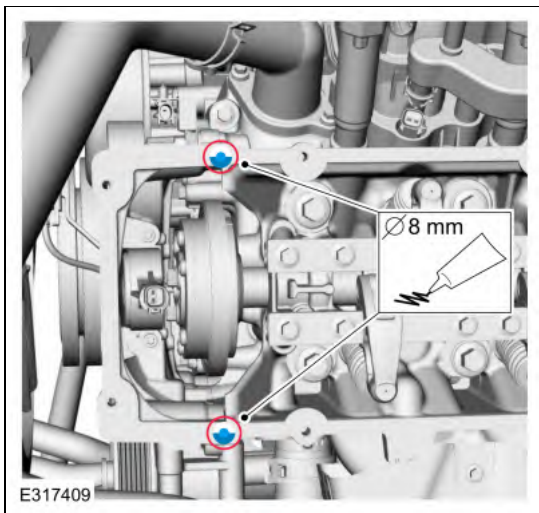




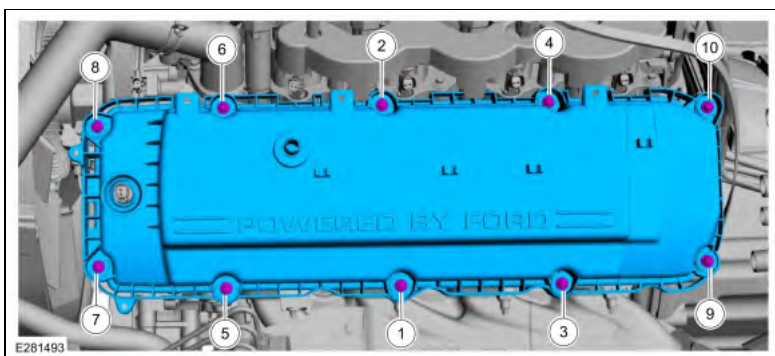
- NOTICE:** If the valve cover is not installed and the fasteners tightened within 4 minutes, the sealant must be removed and the sealing area cleaned.

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

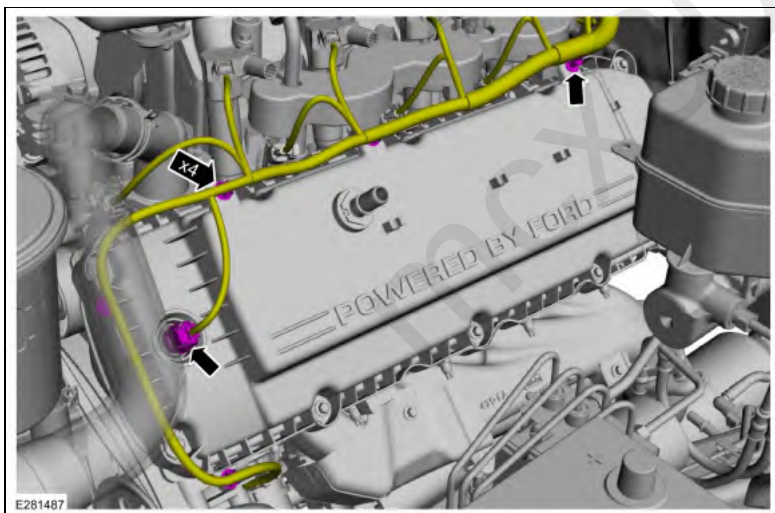
Material: Motorcraft® High Performance Engine RTV Silicone / TA-357 (WSE-M4G323-A6)



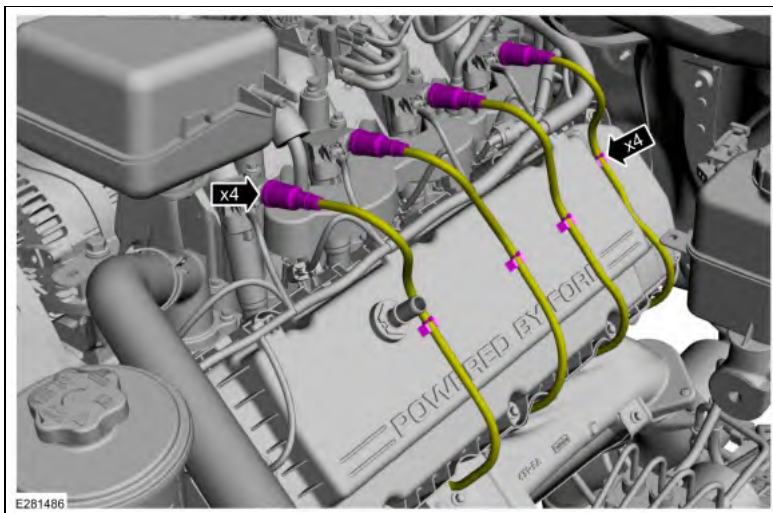
4. Install the LH valve cover and tighten the bolts.
Torque: 89 lb.in (10 Nm)



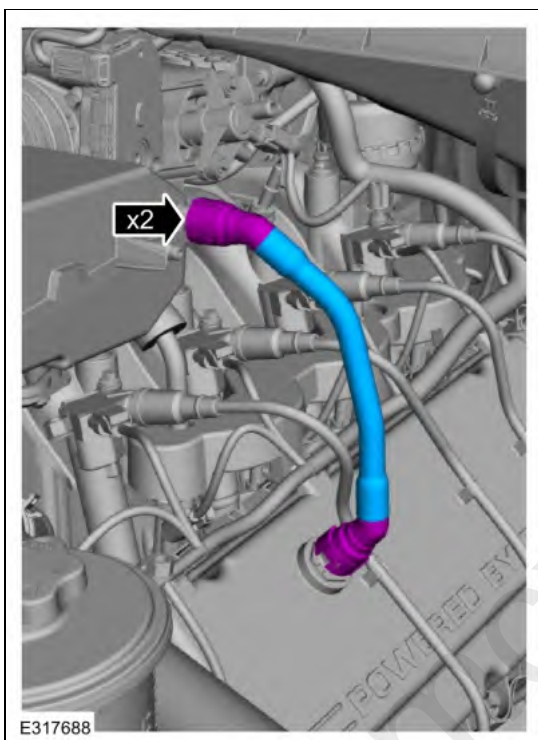
5. Position the wiring harness and connect the retainers and electrical connector.



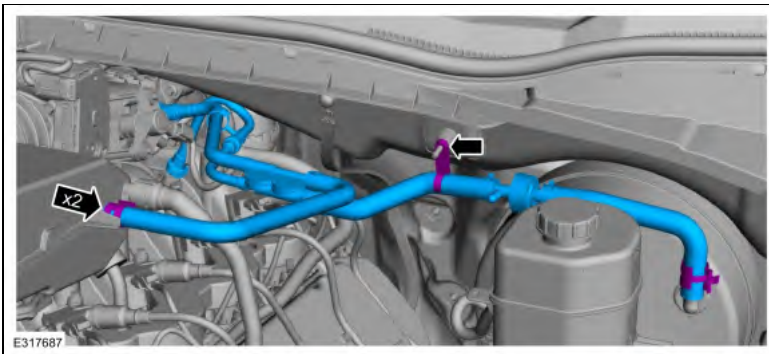
- 6.
- Connect the LH ignition wire retainers to the valve cover.
 - Connect the LH ignition wires to the LH ignition coil-on-plugs.



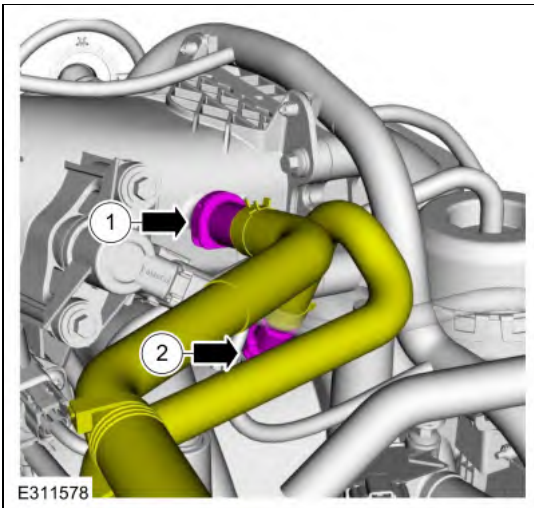
7. Follow directions to connect the quick release coupling type 3. Install and connect the crankcase vent tube.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .



- 8.
- Install the brake vacuum tubes and attach the retainer.
 - Install the vacuum tube clamps.
- Use the General Equipment: Hose Clamp Remover/Installer



- 9.
1. If equipped with brake booster, follow directions to connect the quick release coupling type 24. Connect the brake vacuum tube to the intake manifold.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .
 2. Follow directions to connect the quick release coupling type 24. Connect the brake vacuum tube to the intake manifold.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.2L V8) .



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