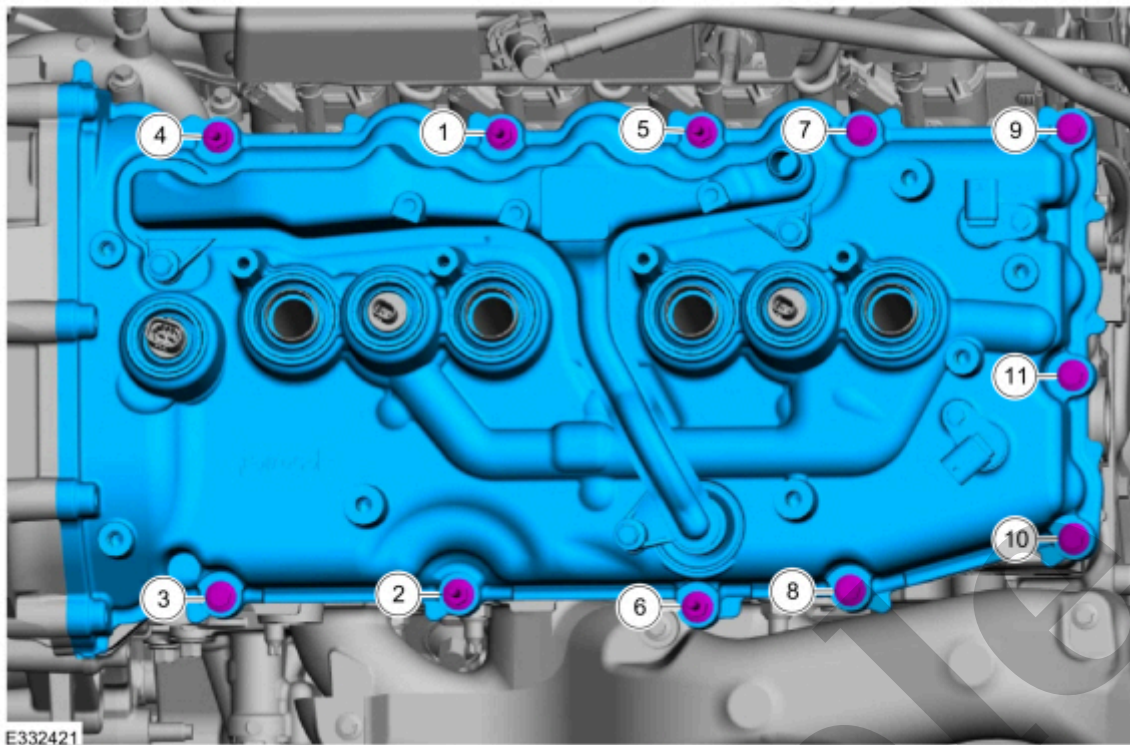


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2016 Ford F-550 Super Duty Service and Repair Manual

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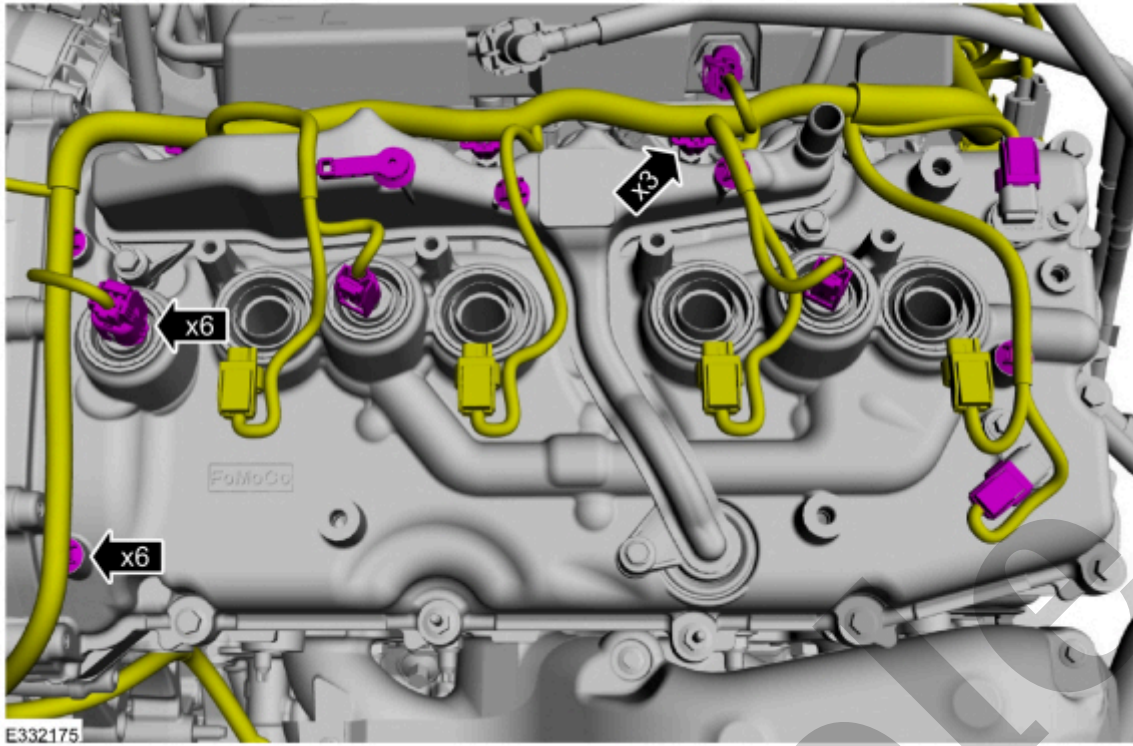
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8. Install the engine front cover bolts and tighten in sequence.

Torque :

Stage 1: 18 lb.ft (25 Nm)

Stage 2: 60°



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10. Install the following items:

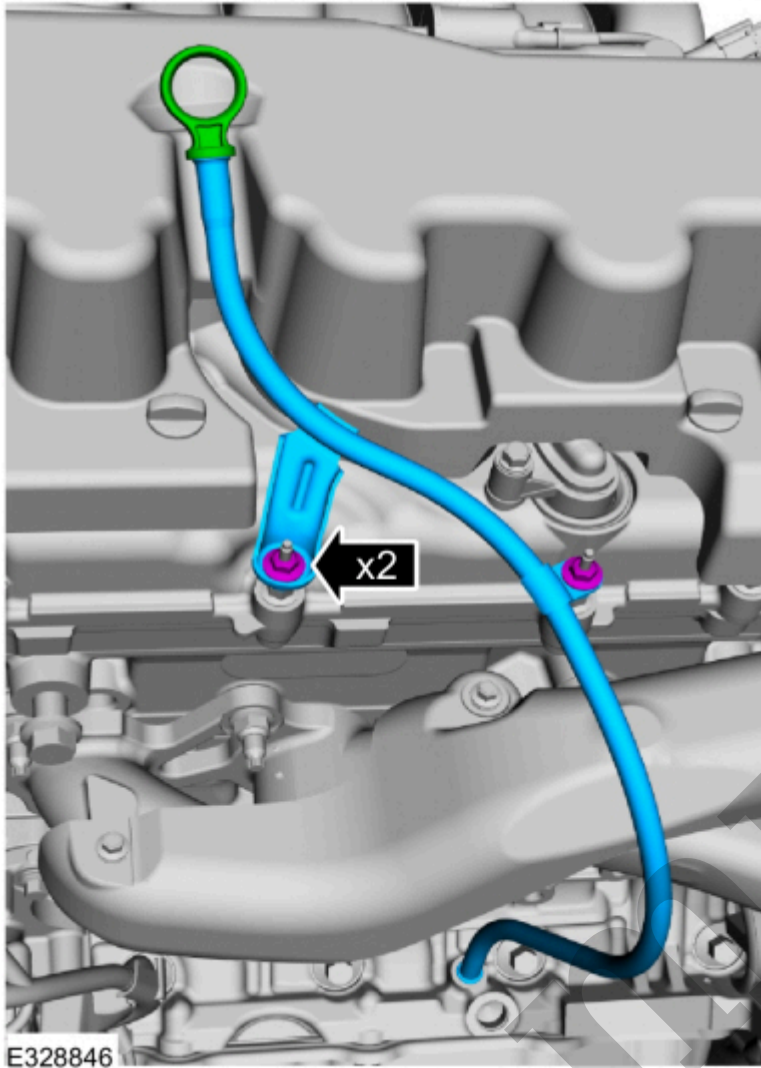
1. LH (left-hand) ignition coil-on-plugs.

Refer to: [Ignition Coil-On-Plug](#)(303-07E Engine Ignition - 5.0L 32V Ti-VCT, Removal and Installation).

2. Secondary generator.

Refer to: [Generator - 5.0L 32V Ti-VCT](#)(414-02 Generator and Regulator, Removal and Installation).

11. Lubricate the O-ring seal with clean engine oil.



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13. Follow directions to connect the quick release coupling type 3. Install the crankcase vent tube.

Refer to: [Quick Release Coupling](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

Valve Cover LH

303-01E Engine - 5.0L 32V Ti-VCT	2022 F-150
Removal and Installation	Procedure revision date: 10/1/2020

Valve Cover LH

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. Remove the following items:

1. Air cleaner outlet pipe.

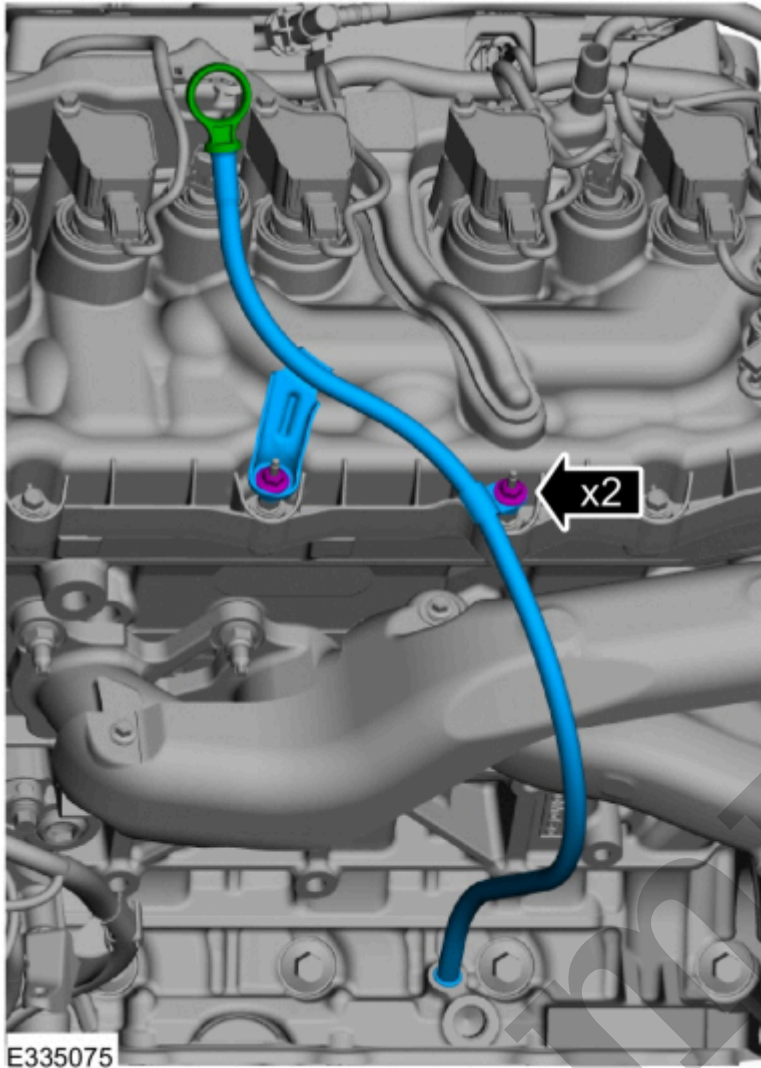
Refer to: [Air Cleaner Outlet Pipe](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).

2. Air cleaner.

Refer to: [Air Cleaner](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).

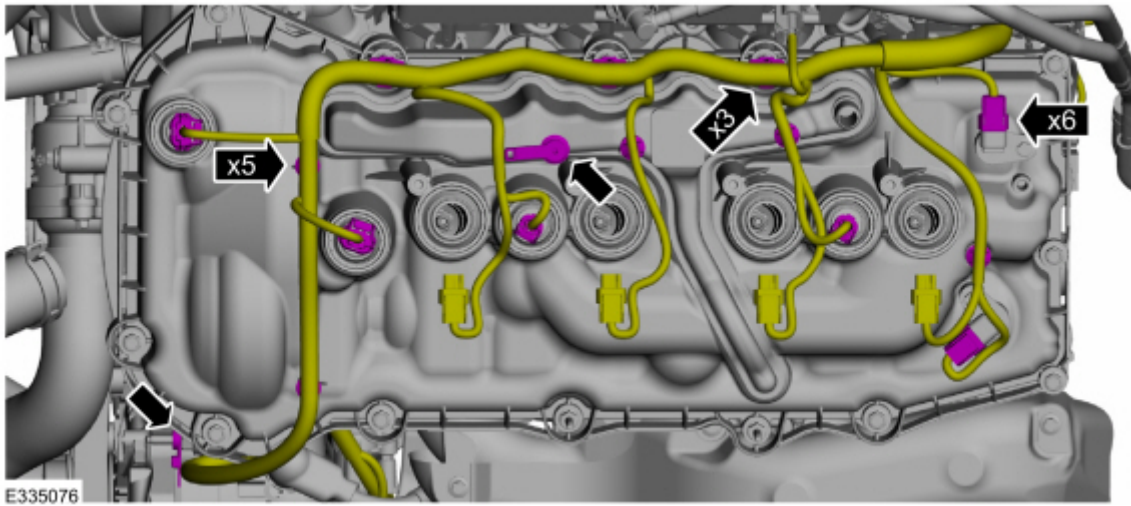
2. Follow directions to release the quick release coupling type 3. Remove the crankcase vent tube.

Refer to: [Quick Release Coupling](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).



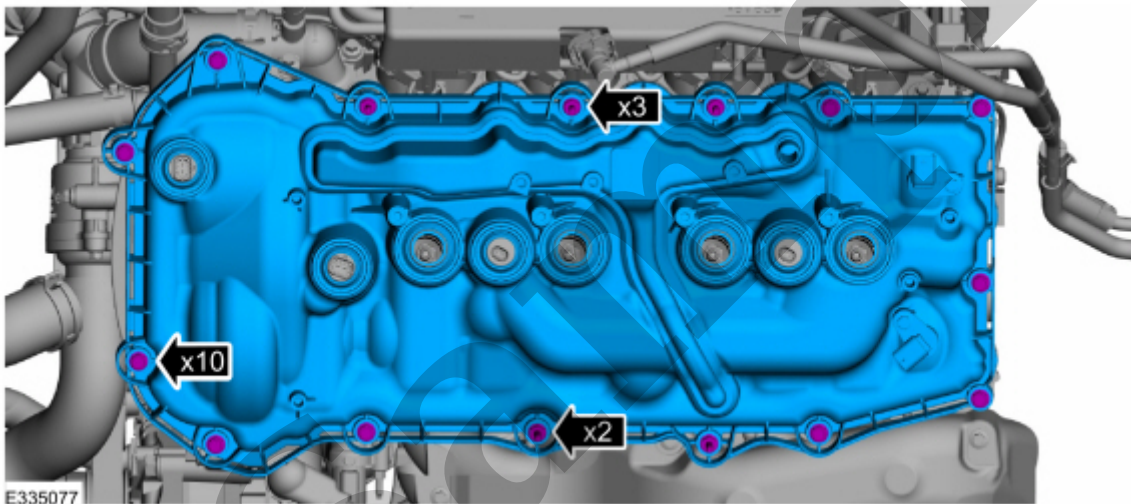
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4. Inspect the O-ring seal and replace as necessary.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

7. Loosen the fasteners and remove the valve cover.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

8. **NOTE**

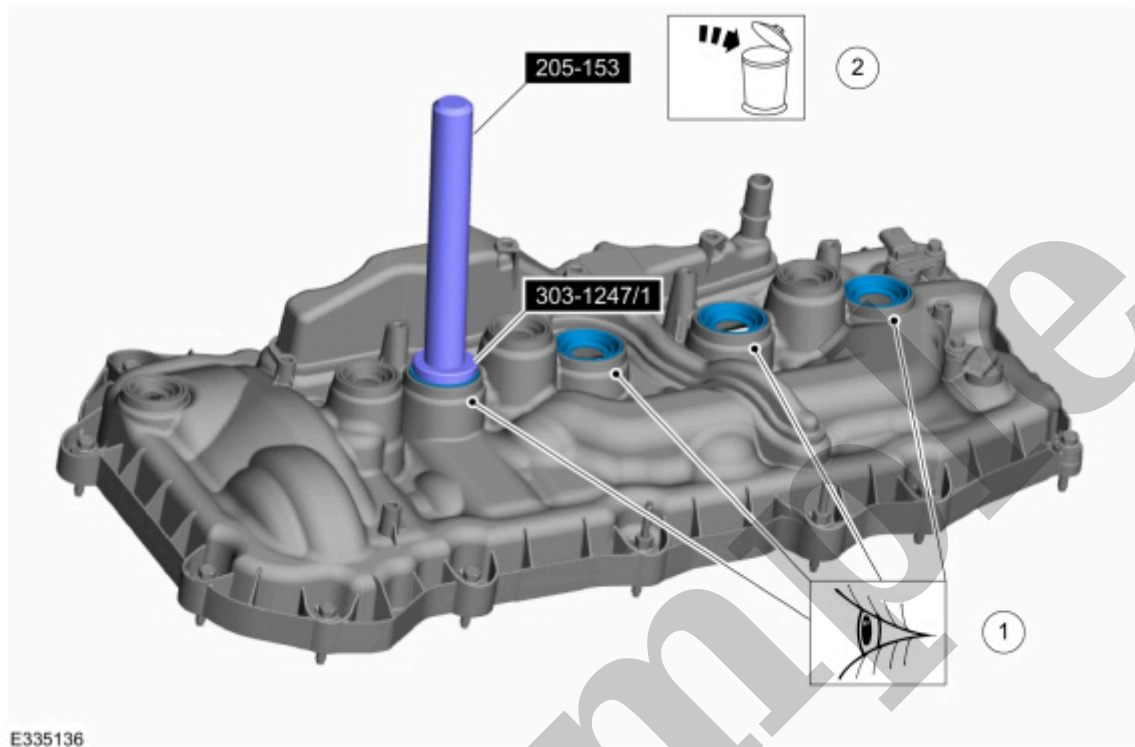
Clean the valve cover gasket groove with soap and water or a suitable solvent.

Remove and discard the gasket.

10. 1. Inspect the spark plug seals.

2. Remove and discard any damaged seals using the special tools.

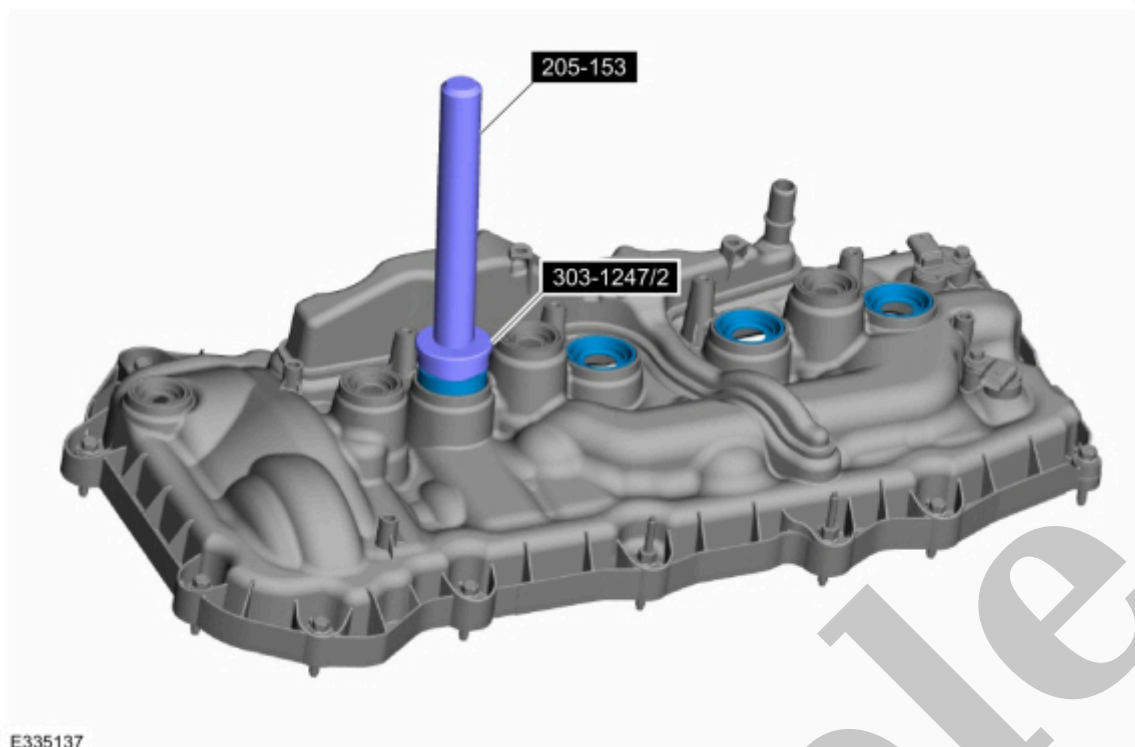
Use Special Service Tool : 205-153 (T80T-4000-W) Handle , 303-1247 VCT Spark Plug Tube Seal Remover and Installer



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11. Clean and prepare the RTV sealing surface.

Refer to: [RTV Sealing Surface Cleaning and Preparation](#)(303-00 Engine System - General Information, General Procedures).



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2. NOTE

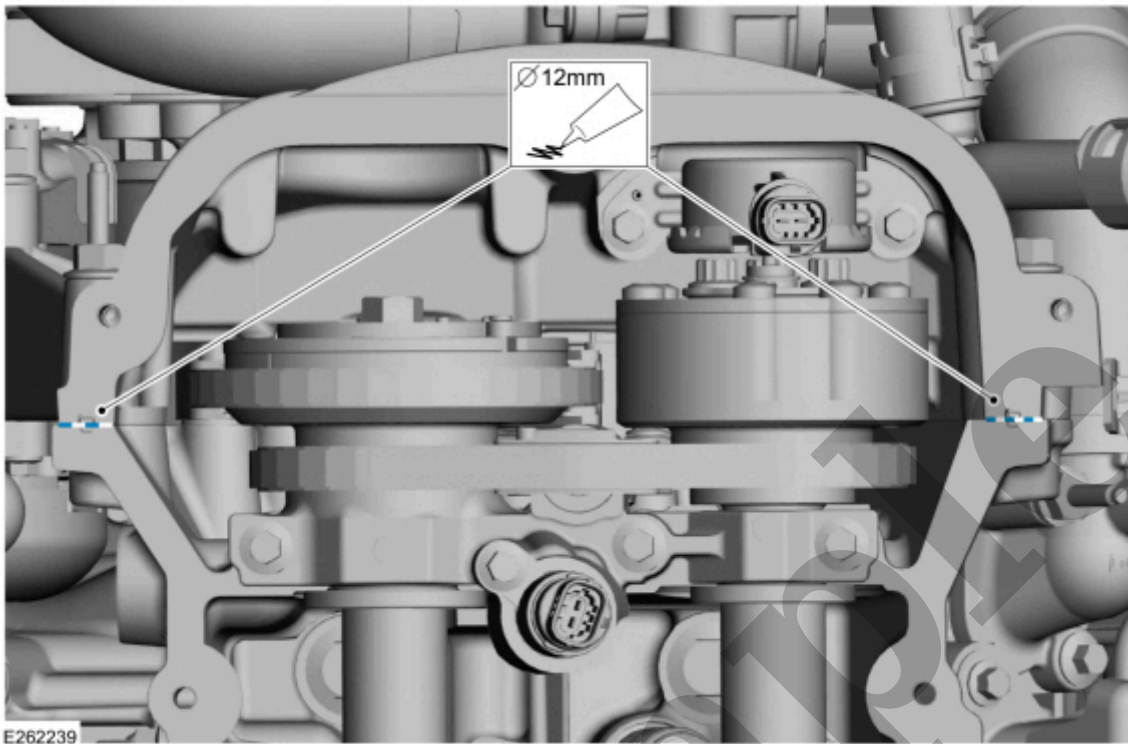
Installation of a new seal is only required if damaged seal was removed.

Using the special tools, install a new seal(s).

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

Apply an 12 mm (0.47 in) drop of silicone gasket and sealant to the engine front cover-to-cylinder head joints.

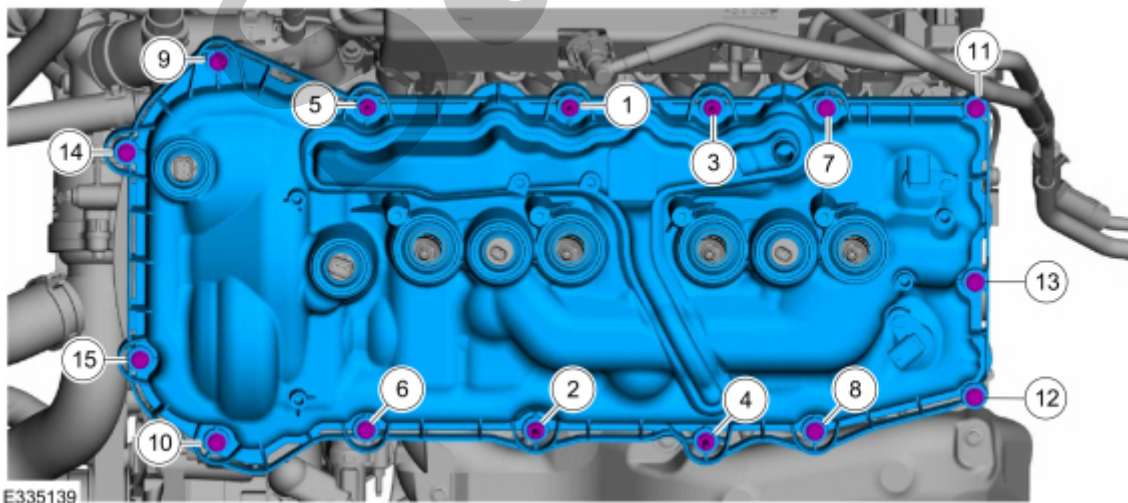
Material : Motorcraft® High Performance Engine RTV Silicone / TA-357 (WSE-M4G323-A6)



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5. Install the valve cover and tighten the bolts.

Torque : 89 lb.in (10 Nm)



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