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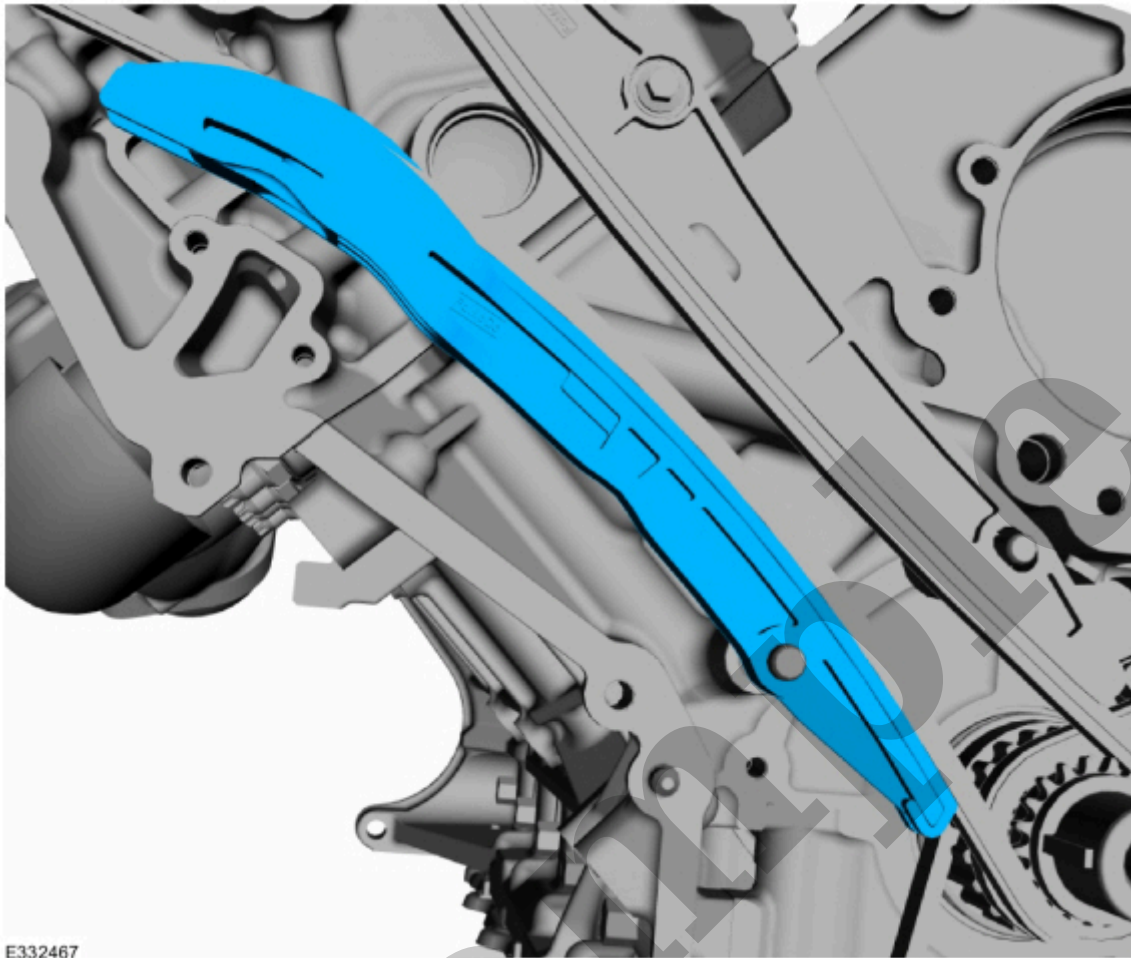
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2014 Ford Mustang Service and Repair Manual

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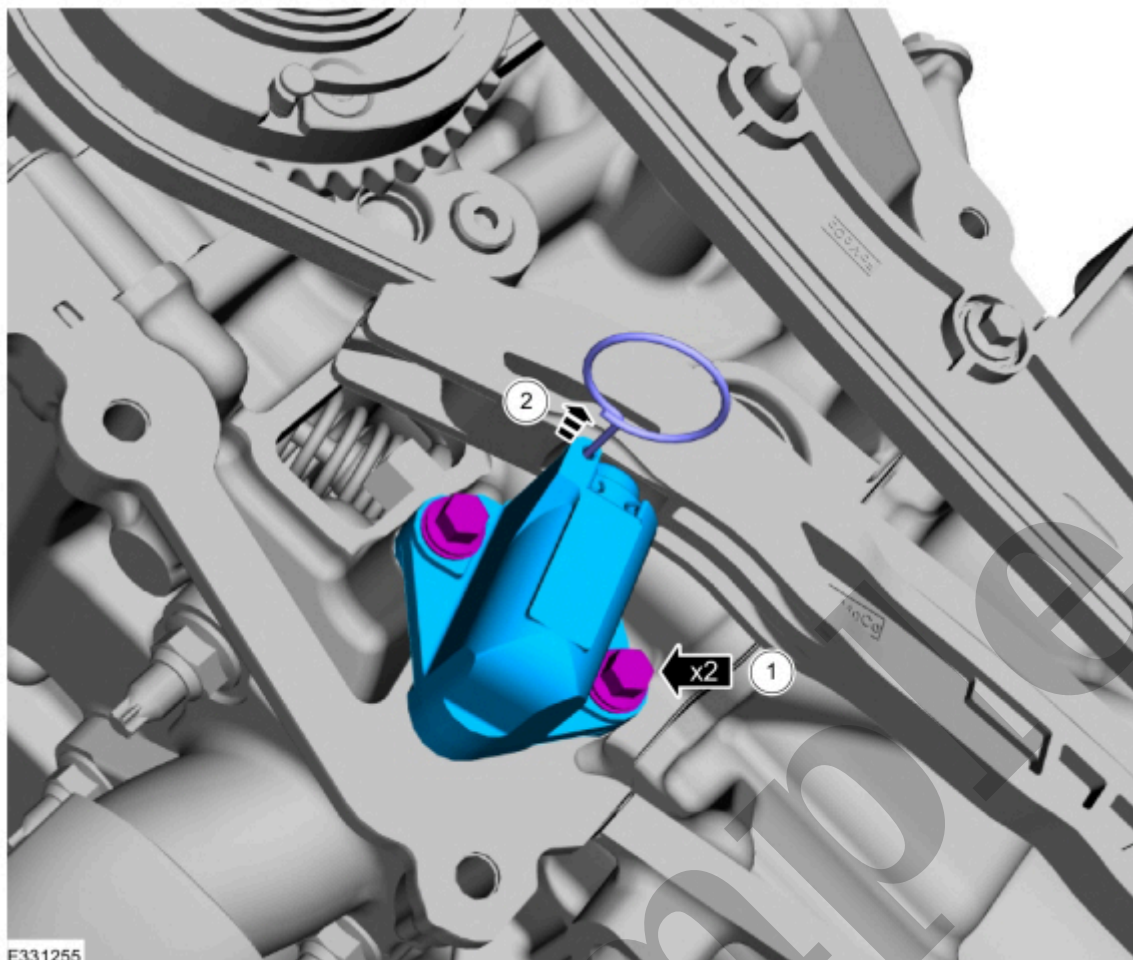
the RH (right-hand) timing chain arm.

Install the RH (right-hand) timing chain tensioner arm.



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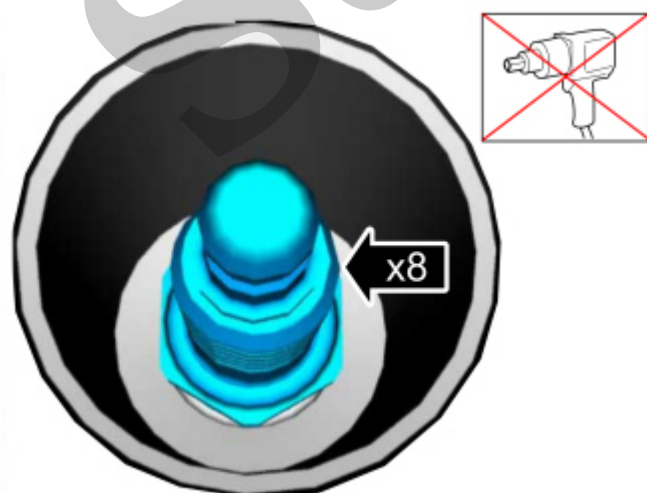
79.
 1. Compress the primary timing chain tensioner plunger, using an edge of a vise.
Use the General Equipment: Vise
 2. Install a suitable pin into the hole of the tensioner housing to hold the plunger in place during installation.



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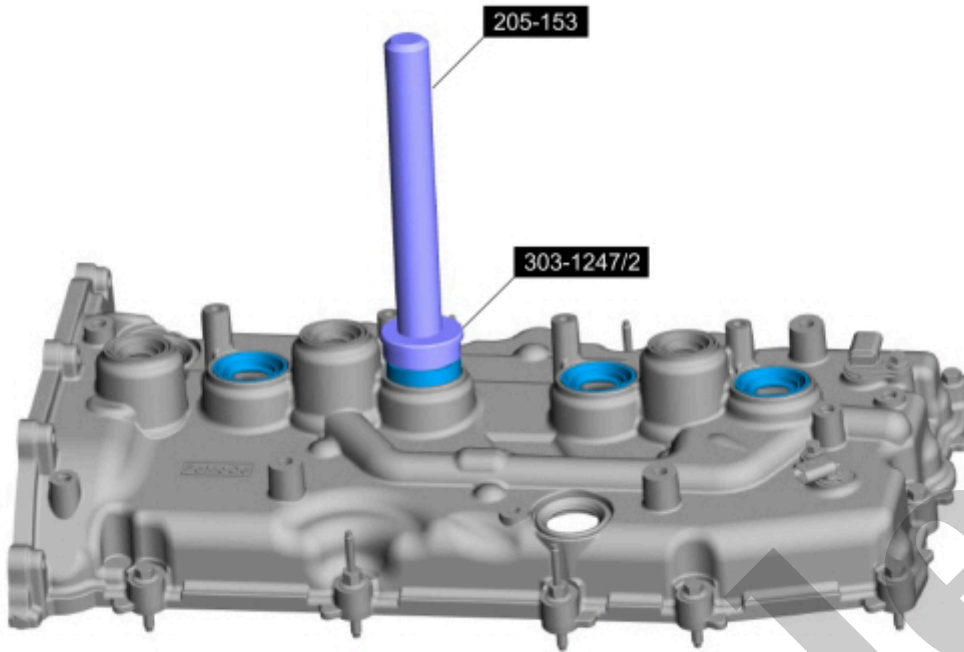
81. Install the 8 spark plugs.

Torque : 128 lb.in (14.5 Nm)



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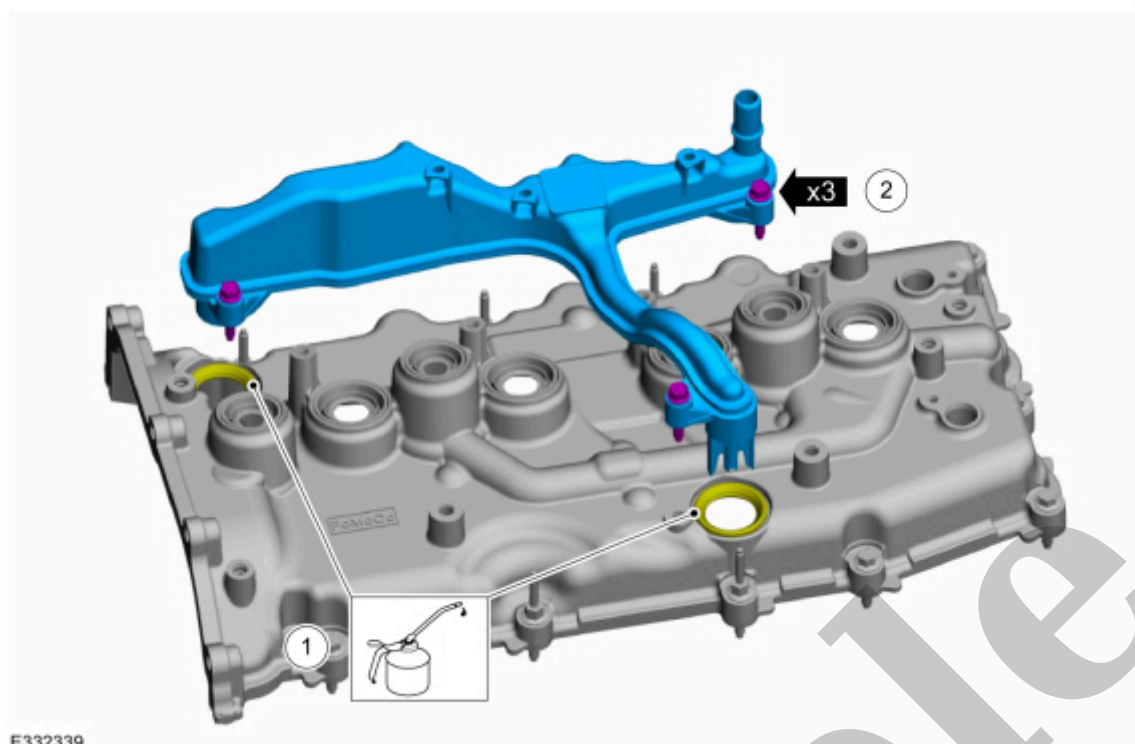
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84. **NOTE**

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

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

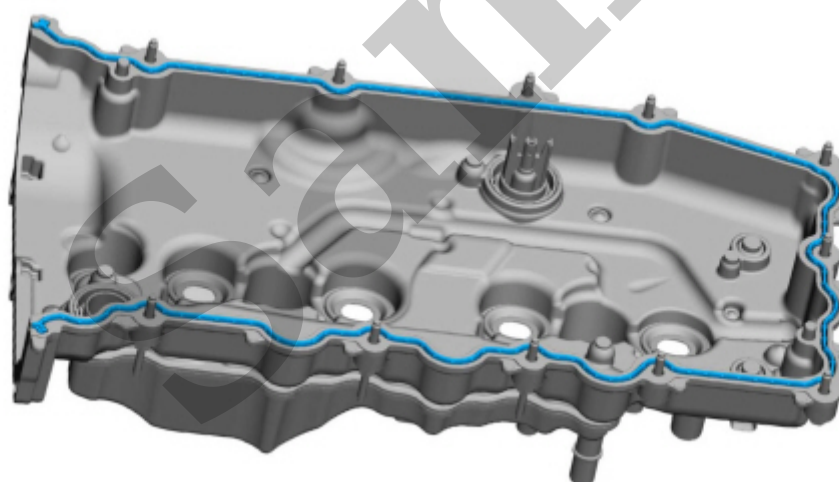
Use Special Service Tool : 205-153 (T80T-4000-W) Handle , 303-1247 VCT Spark Plug Tube Seal Remover and Installer



E332339

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86. Install a new gasket.

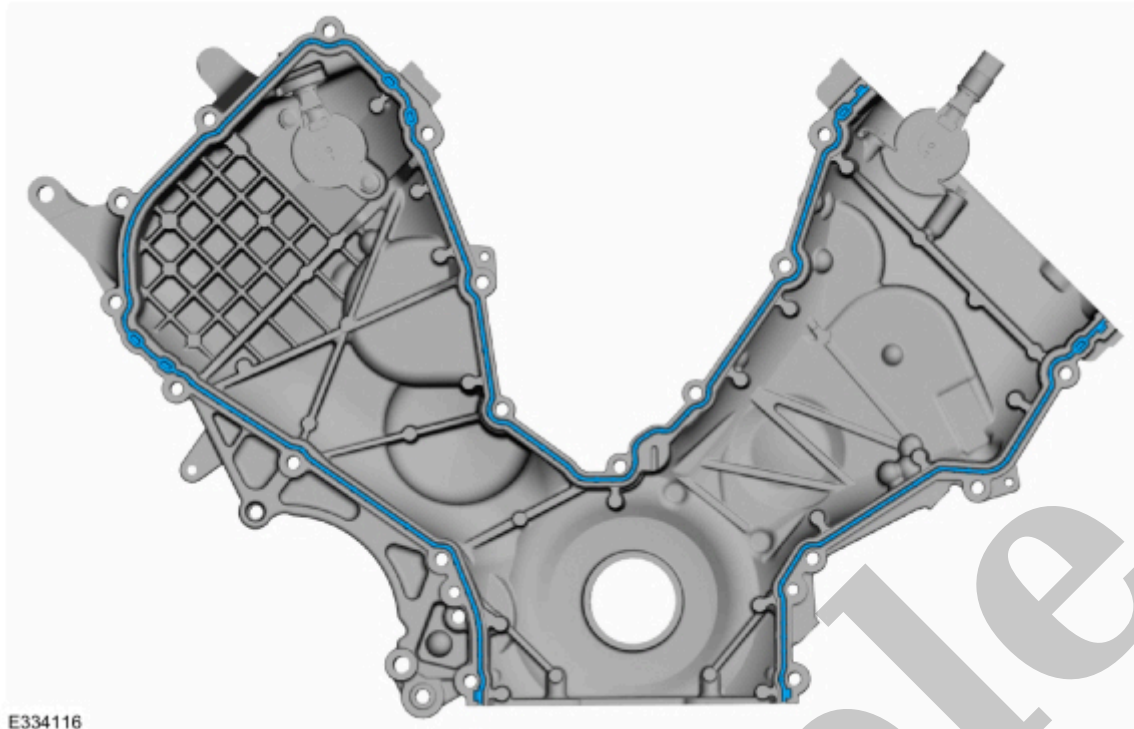


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87. Install the valve cover and tighten the bolts.

Torque : 133 lb.in (15 Nm)



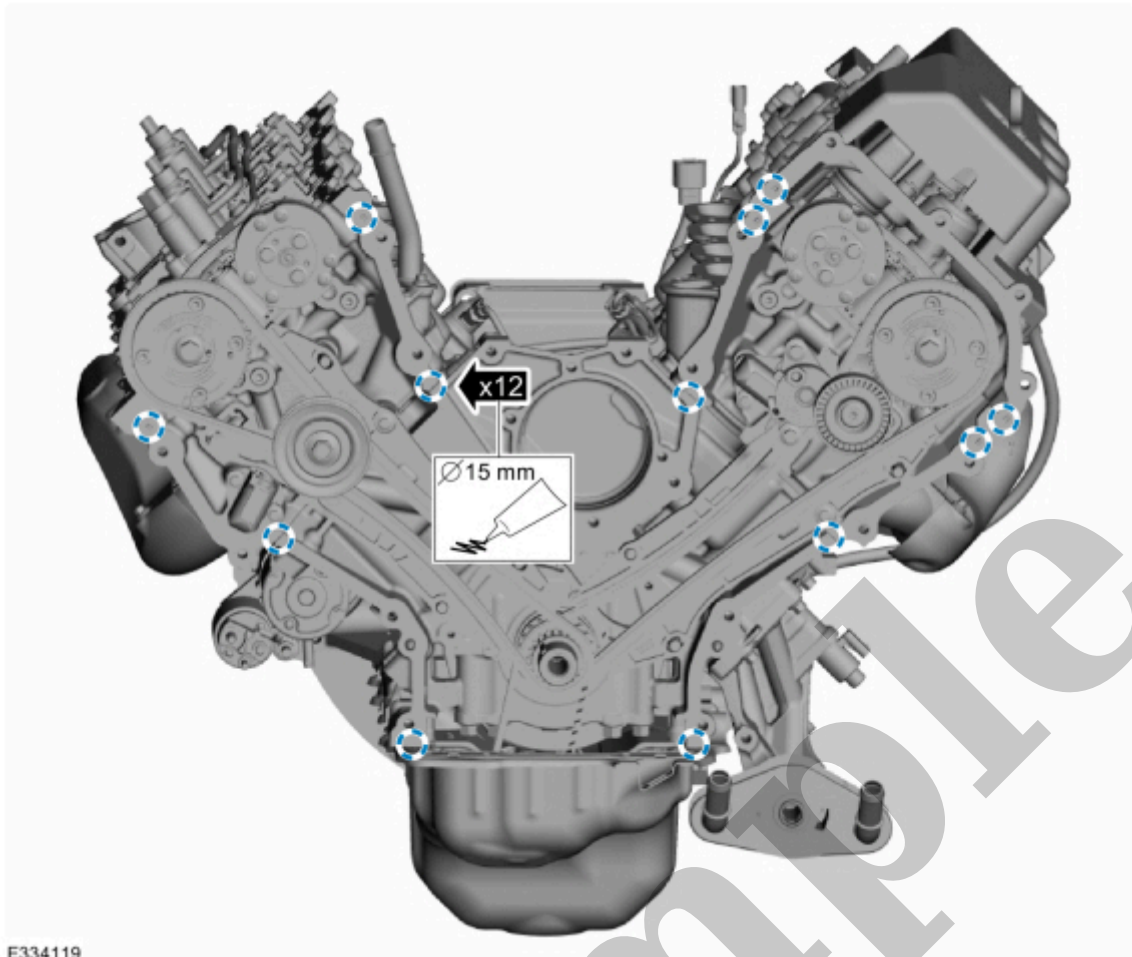
E334116

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90. **NOTICE**

The VCT (variable camshaft timing) variable force solenoid pins must be fully depressed to avoid interference with the VCT (variable camshaft timing) valve tips when installing the engine front cover. Failure to follow these instructions can result in damage to the engine.

Fully depress the VCT (variable camshaft timing) variable force solenoid pins.



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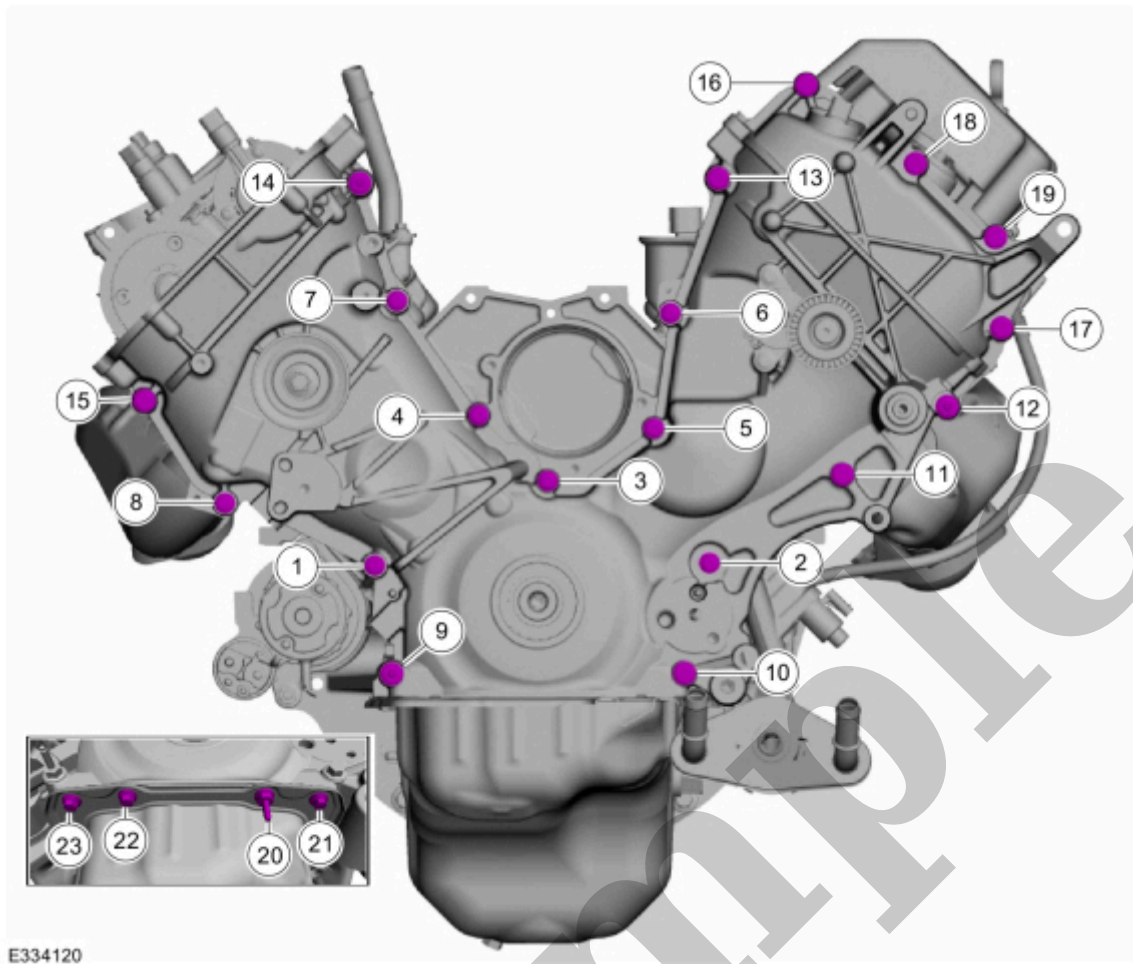
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92. **NOTE**

Make sure that the engine front cover gaskets are in place on the engine front cover before installation.

Position the engine front cover onto the dowels.

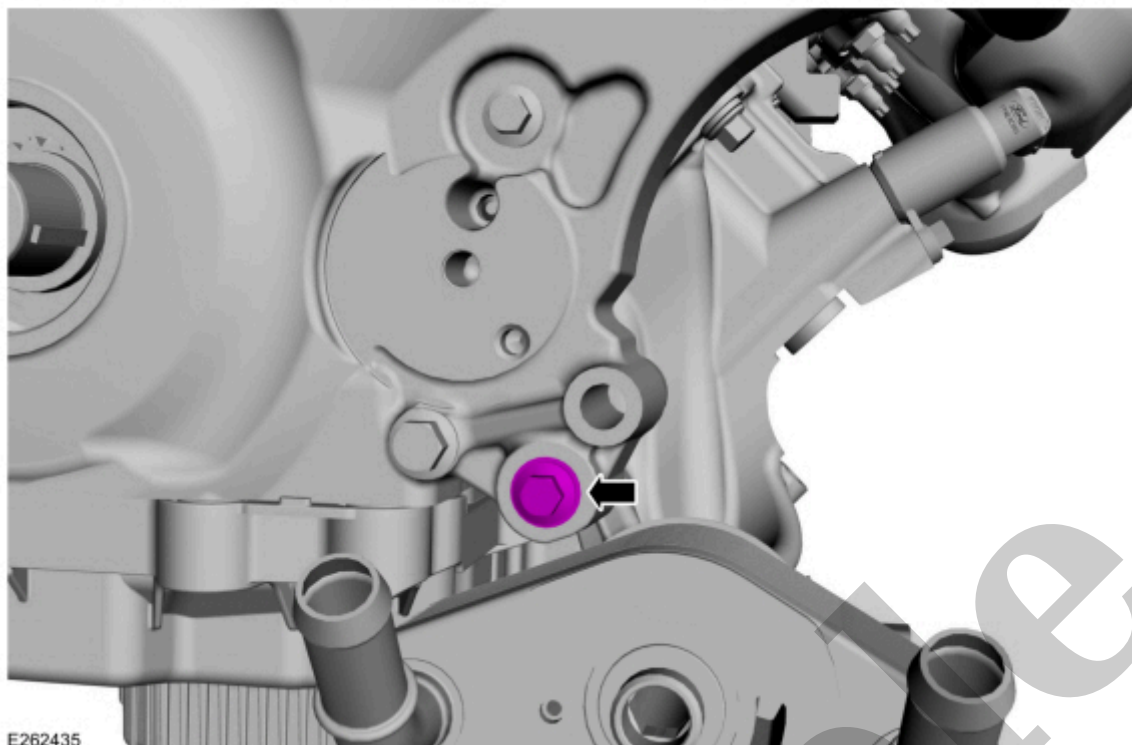
Stage 4: Fasteners 20-23 : 45°



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94. Using a 10 mm Hex Bit, turn the engine front cover-to-oil filter adapter jack screw into contact with the oil filter adapter.

Torque : 44 lb.in (5 Nm)



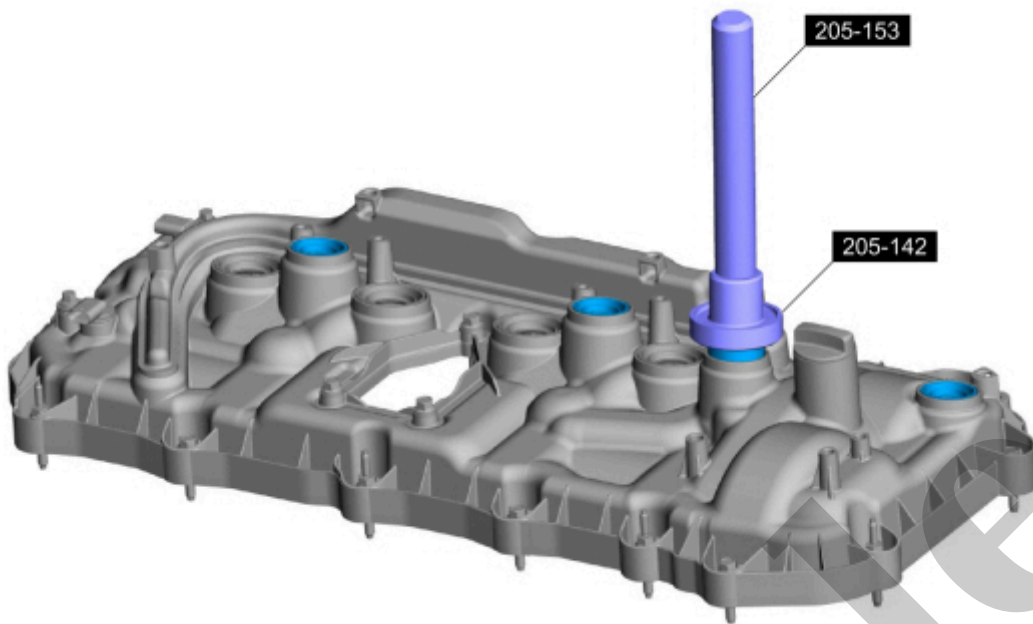
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96. **NOTE**

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

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

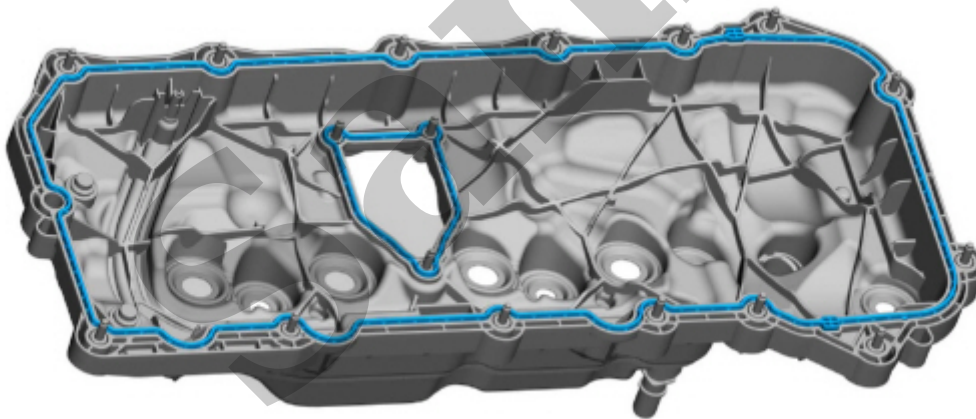
Use Special Service Tool : 205-153 (T80T-4000-W) Handle , 303-1247 VCT Spark Plug Tube Seal Remover and Installer



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98. Install new gaskets.



E331787

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99. Clean and prepare the RTV sealing surface.

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