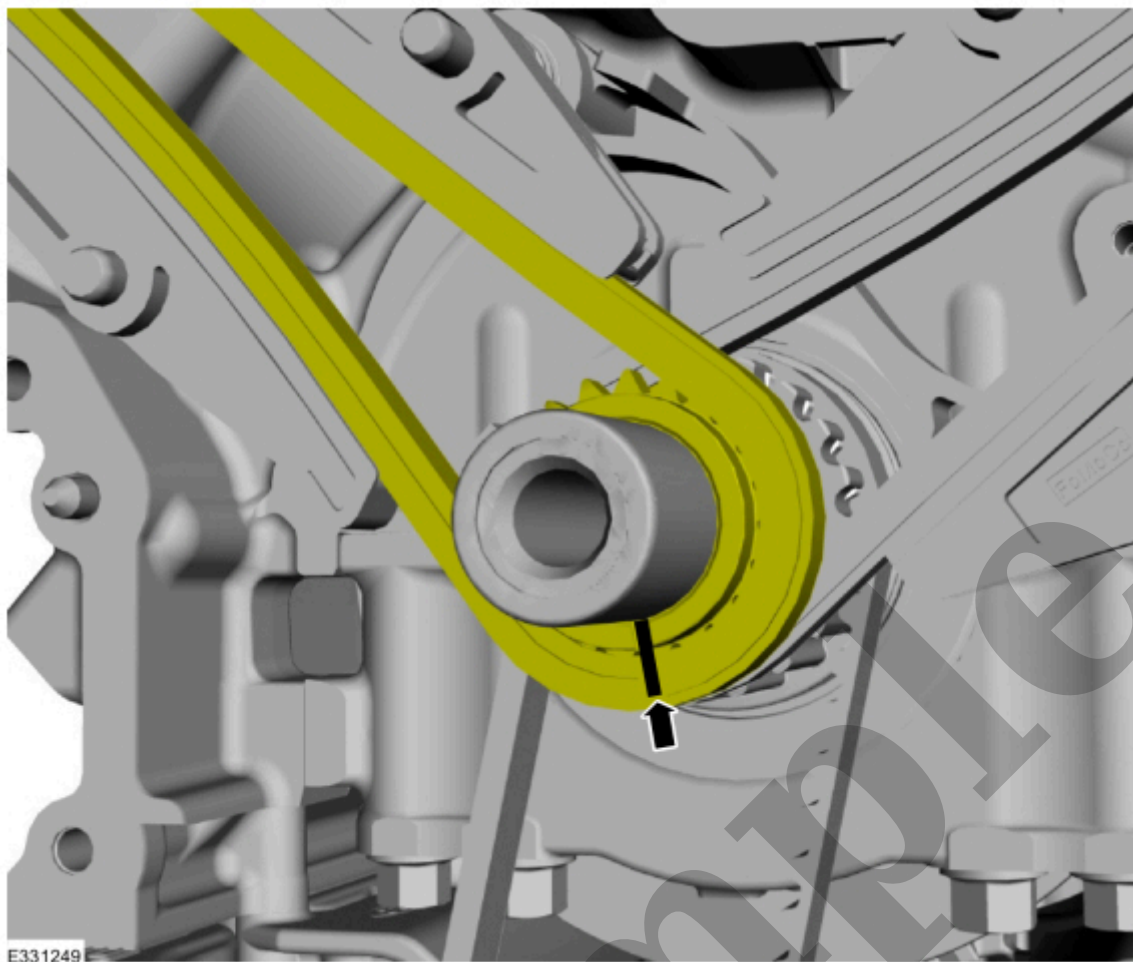


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FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

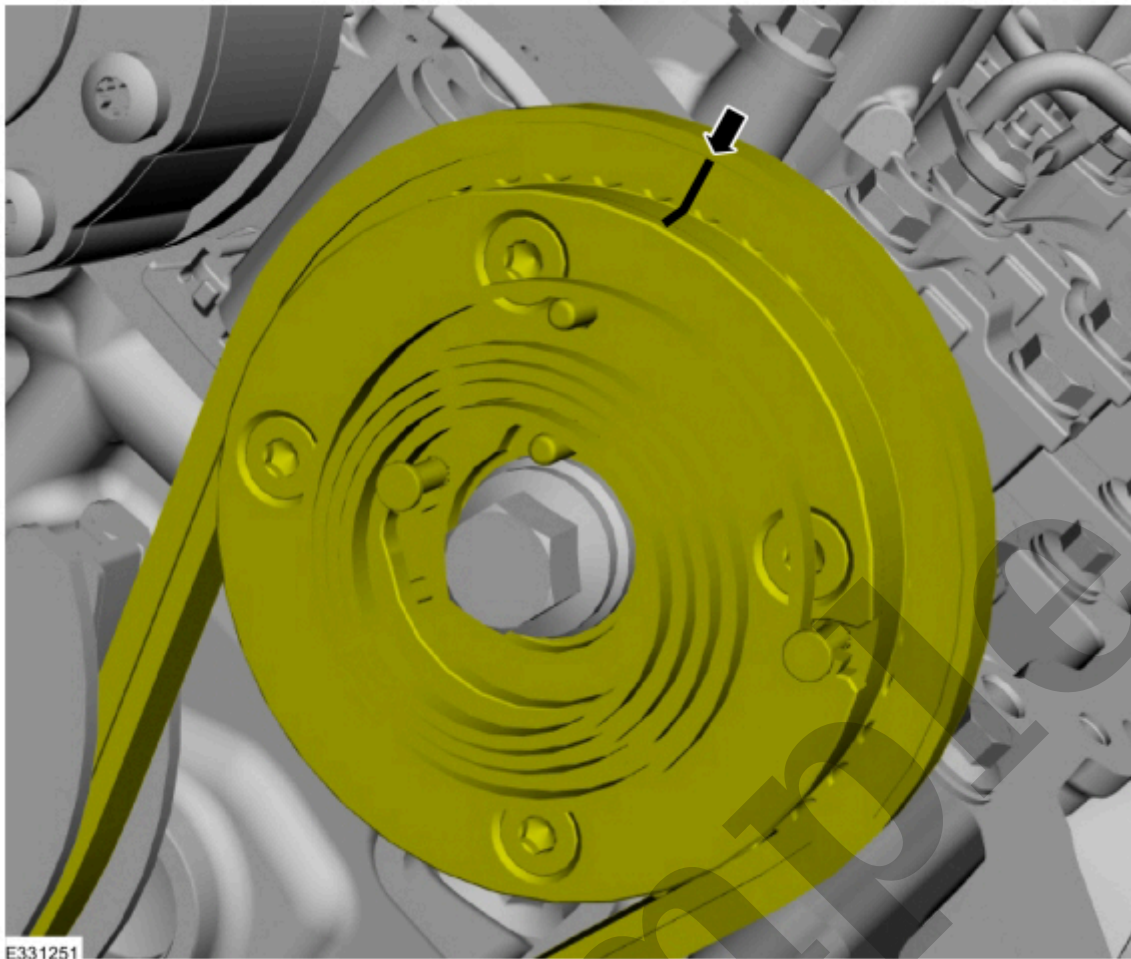
2016 Ford Focus Service and Repair Manual

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4. Remove the bolts and the RH (right-hand) primary timing chain tensioner.

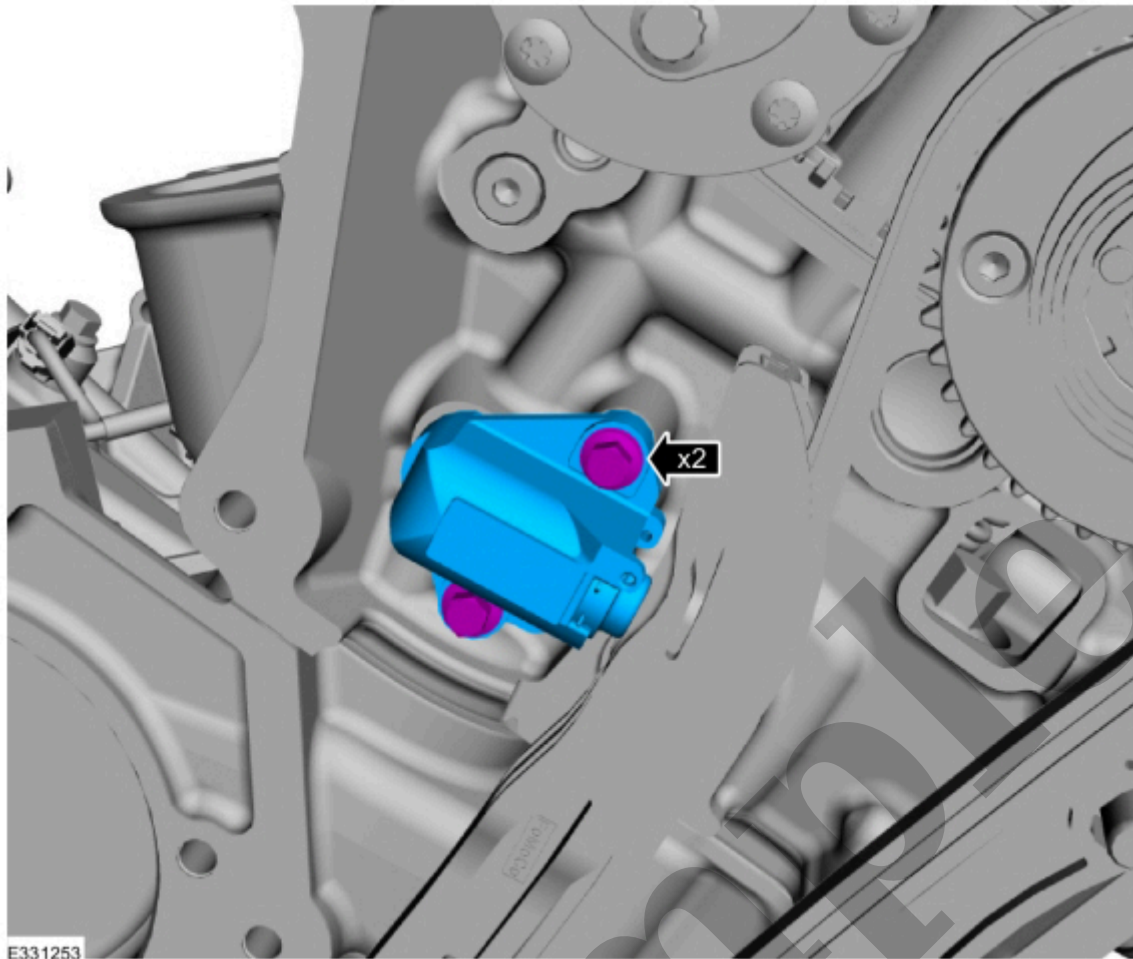


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6. **NOTICE**

The timing chain must remain in its original position on the crankshaft sprocket using the scribed marks, or damage to valves and pistons will result.

Scribe a location mark on the LH (left-hand) timing chain and the crankshaft sprocket assembly.

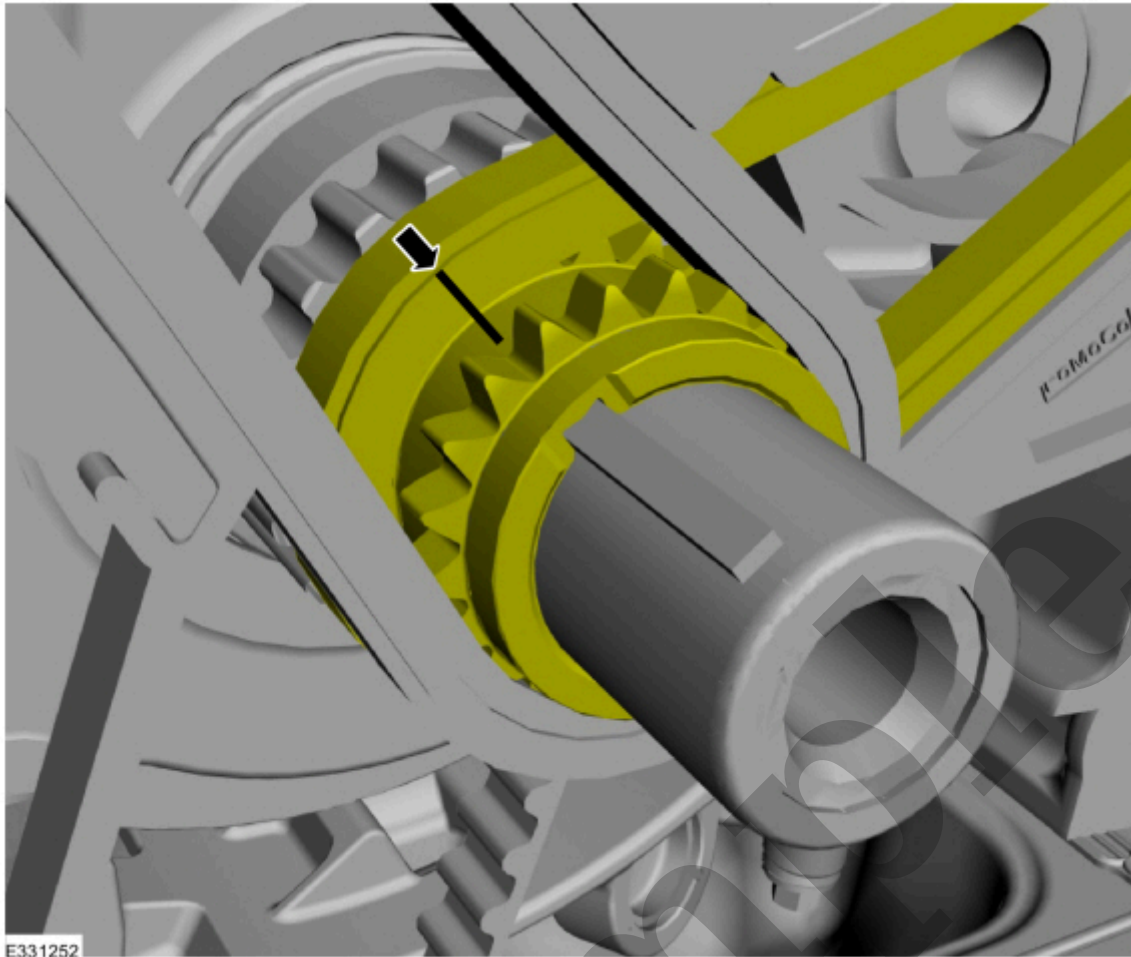


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Installation

LH timing chain tensioner

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

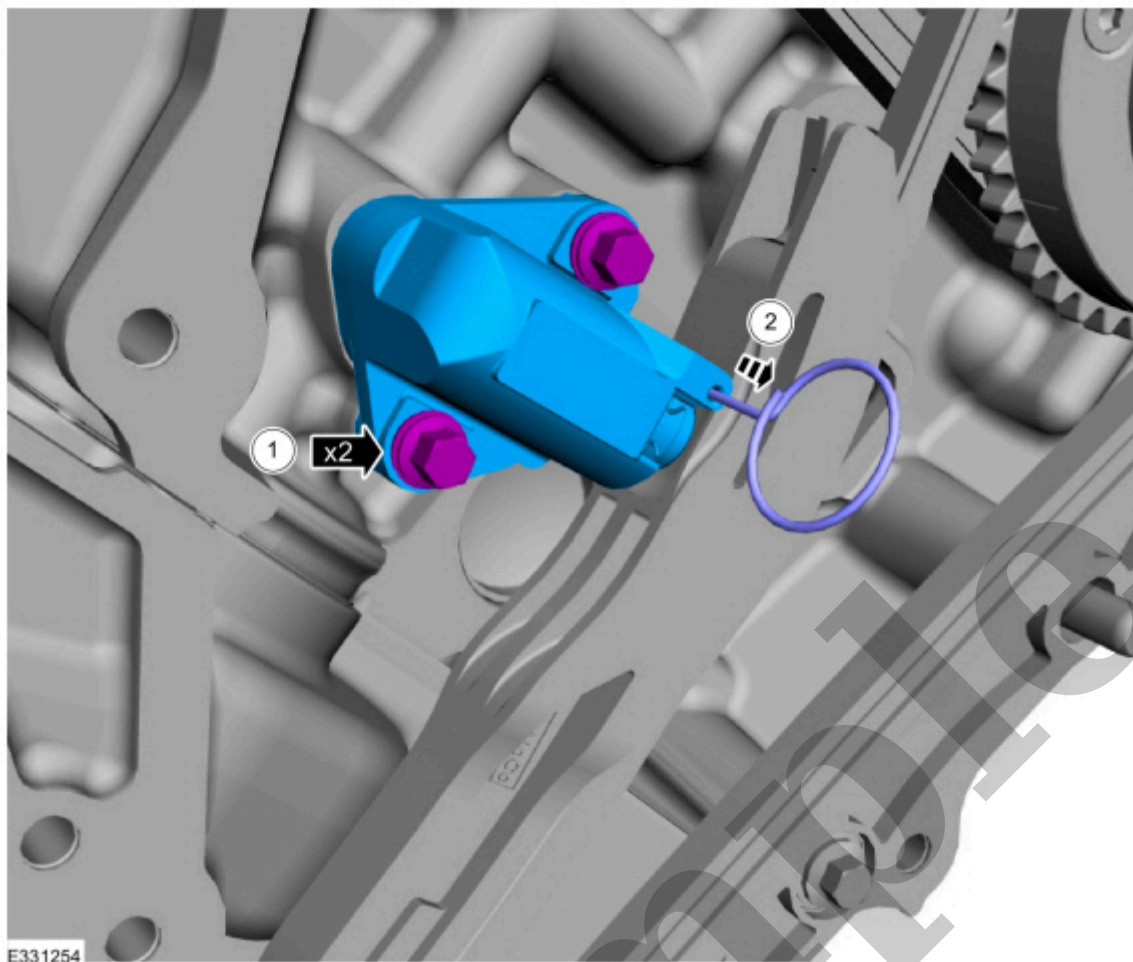


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3. NOTICE

The timing chain must remain in its original position on the VCT (variable camshaft timing) unit using the scribed marks, or damage to valves and pistons will result.

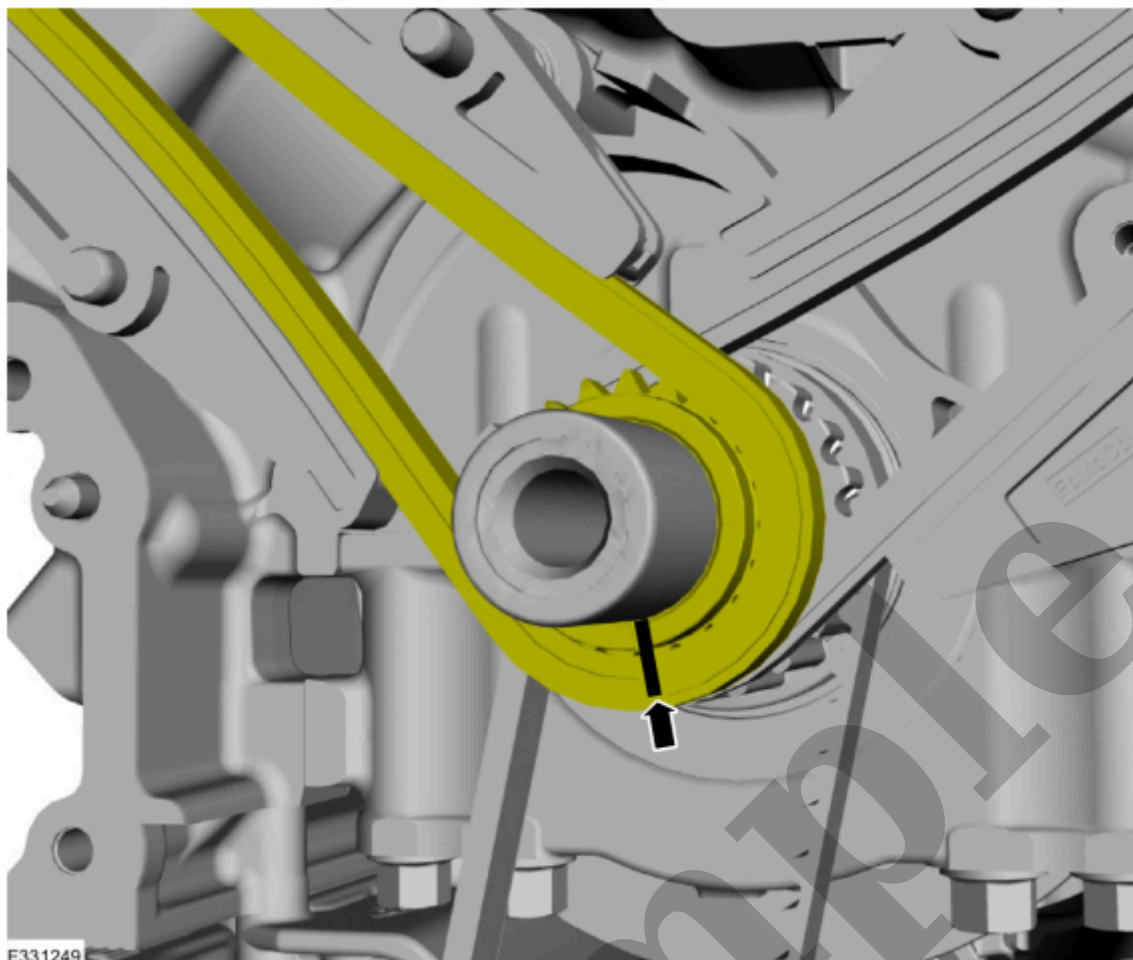
Verify the VCT (variable camshaft timing) unit and LH (left-hand) timing chain scribe marks are still in alignment.



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RH timing chain tensioner

5.
 1. Compress the primary timing chain tensioner plunger, using an edge of a vise.
 2. Install a suitable pin into the hole of the tensioner housing to hold the plunger in place during installation.

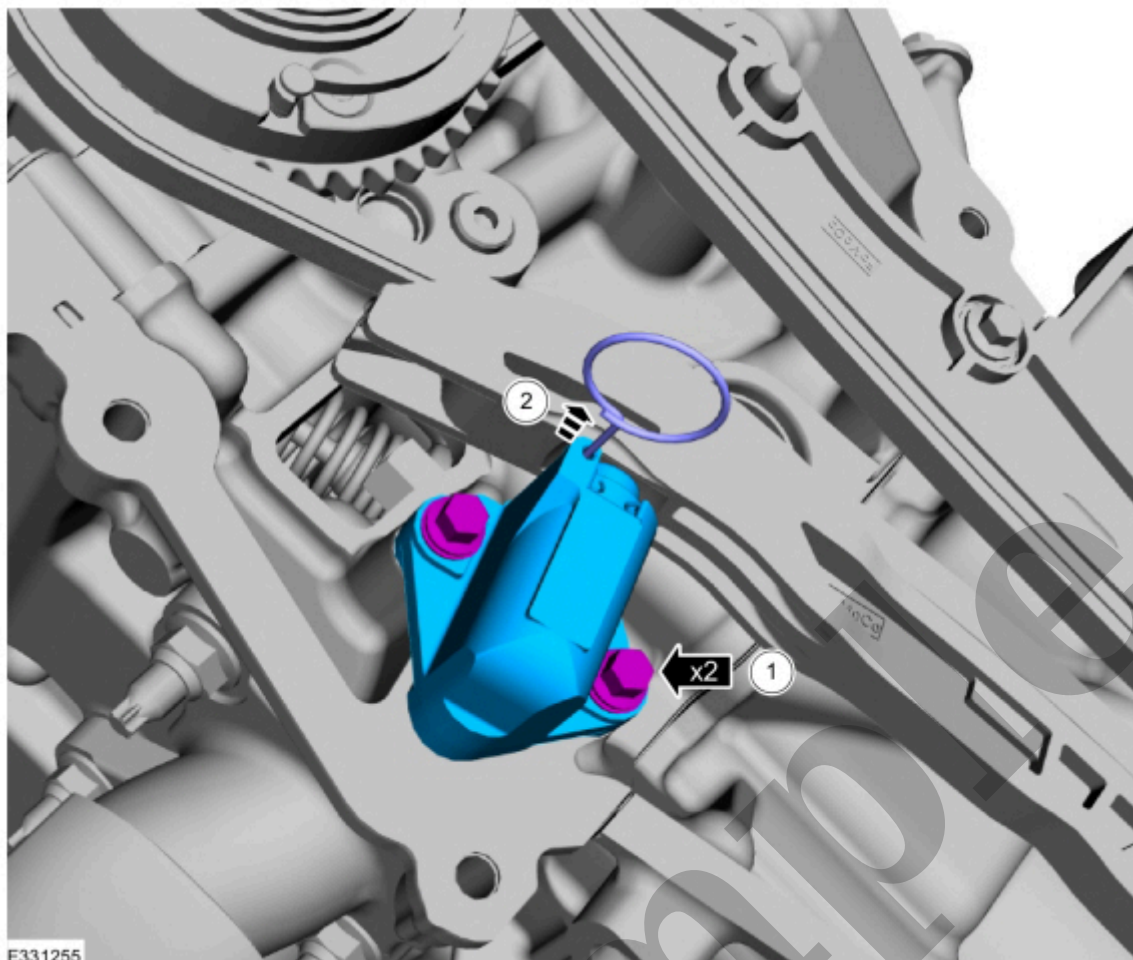


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7. **NOTICE**

The timing chain must remain in its original position on the VCT (variable camshaft timing) unit using the scribed marks, or damage to valves and pistons will result.

Verify the VCT (variable camshaft timing) unit and RH (right-hand) timing chain scribe marks are still in alignment.



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RH and LH timing chain tensioners

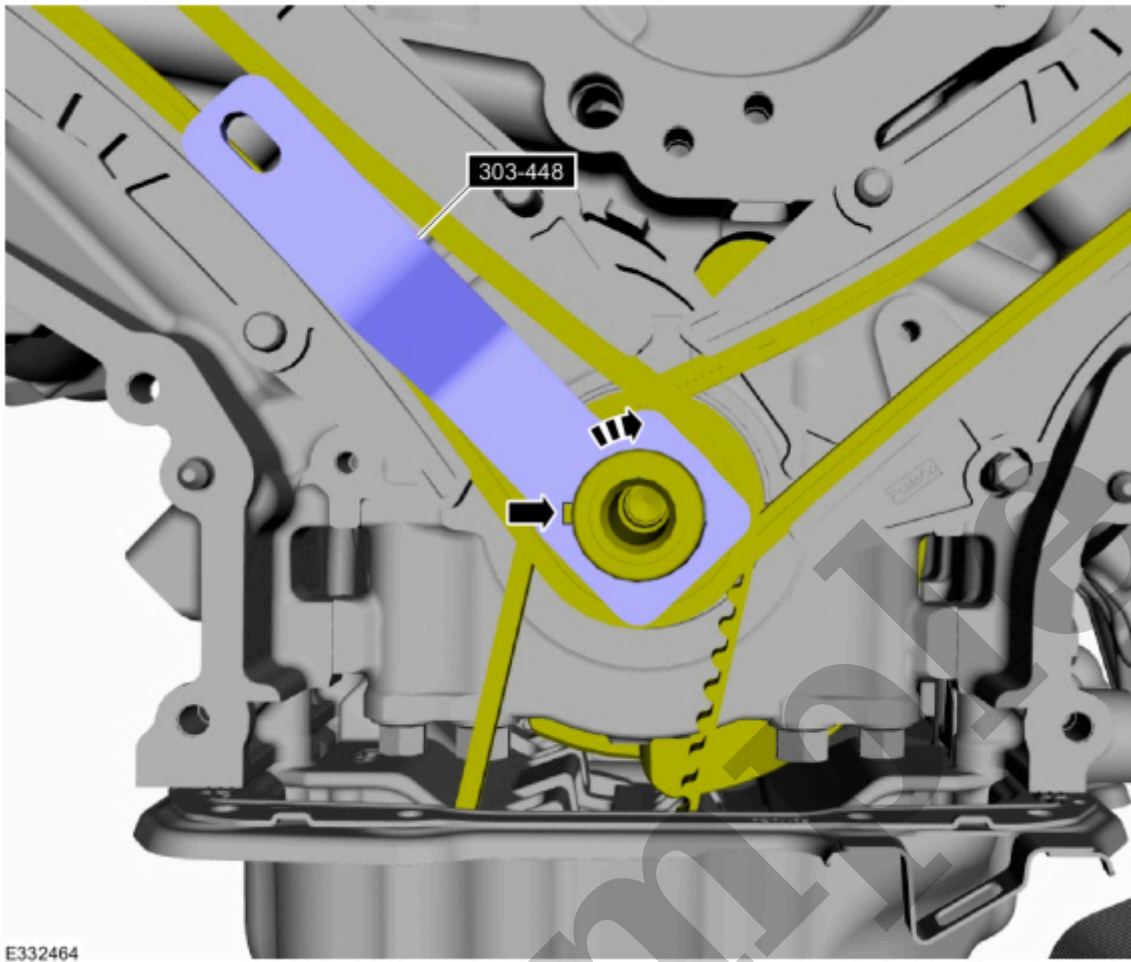
9. Install the engine front cover.

Refer to: [Engine Front Cover](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

Refer to: [Engine Front Cover - Vehicles With: Dual Generators](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

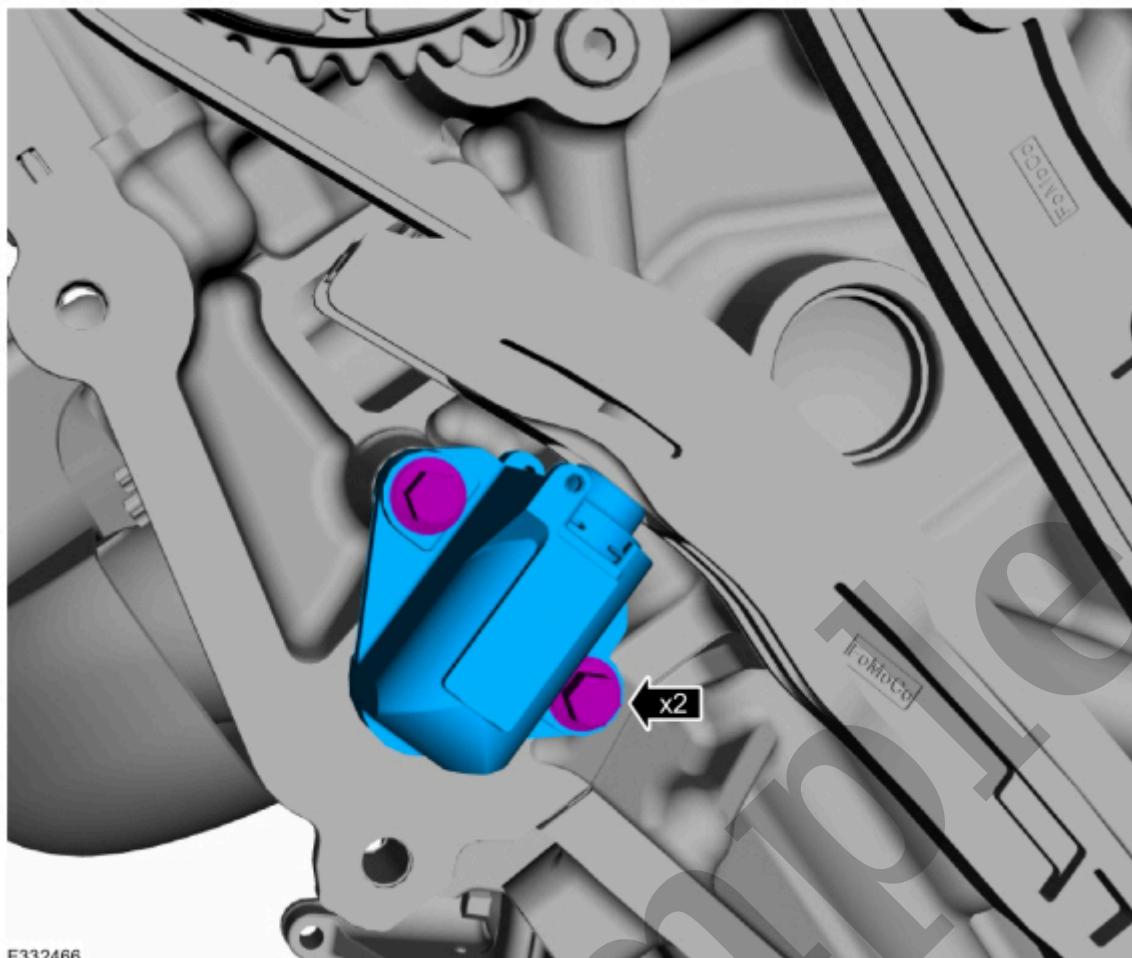
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Use Special Service Tool : 303-448 (T93P-6303-A) Holding Tool, Crankshaft



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3. Verify the timing mark on the RH (right-hand) VCT (variable camshaft timing) unit is on top, if not, rotate the crankshaft clockwise one complete revolution so the keyway is at the 9:00 position.



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5. **NOTE**

It may be necessary to rotate the crankshaft slightly to provide enough slack in the chain to remove the RH (right-hand) timing chain tensioner arm. Return the crankshaft keyway to the 9:00 position after removing the RH (right-hand) timing chain tensioner arm.

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