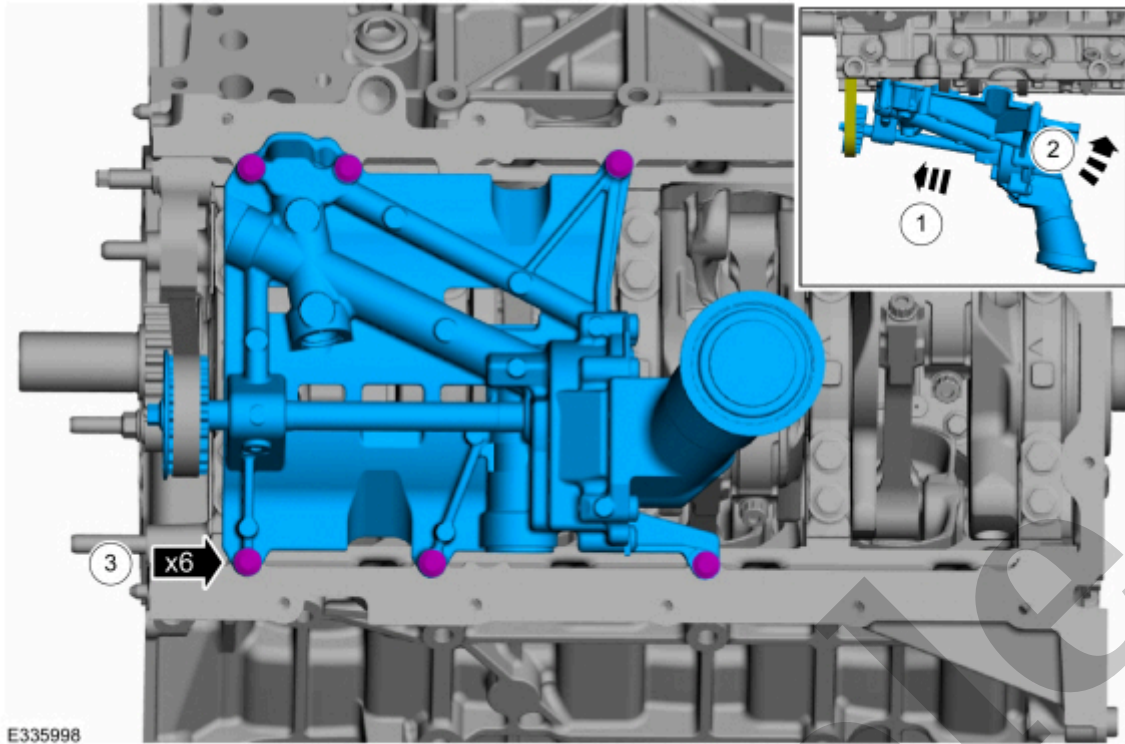


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2014 Ford Police Interceptor Utility Service and Repair Manual

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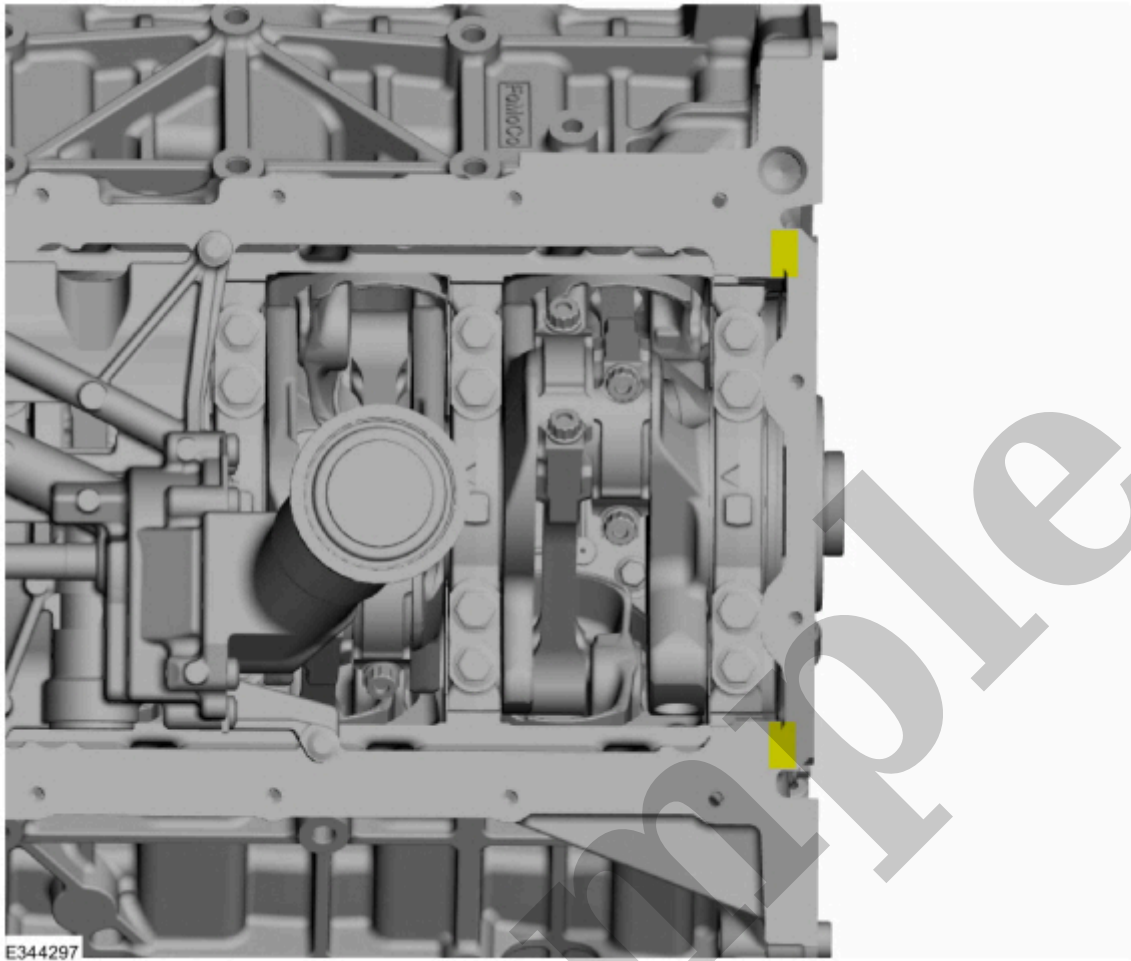
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26. NOTICE

Do not use metal scrapers, wire brushes, power abrasive discs or other abrasive means to clean the sealing surfaces. These tools cause scratches and gouges, which make leak paths.

Make sure that the mating faces are clean and free of foreign material.

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



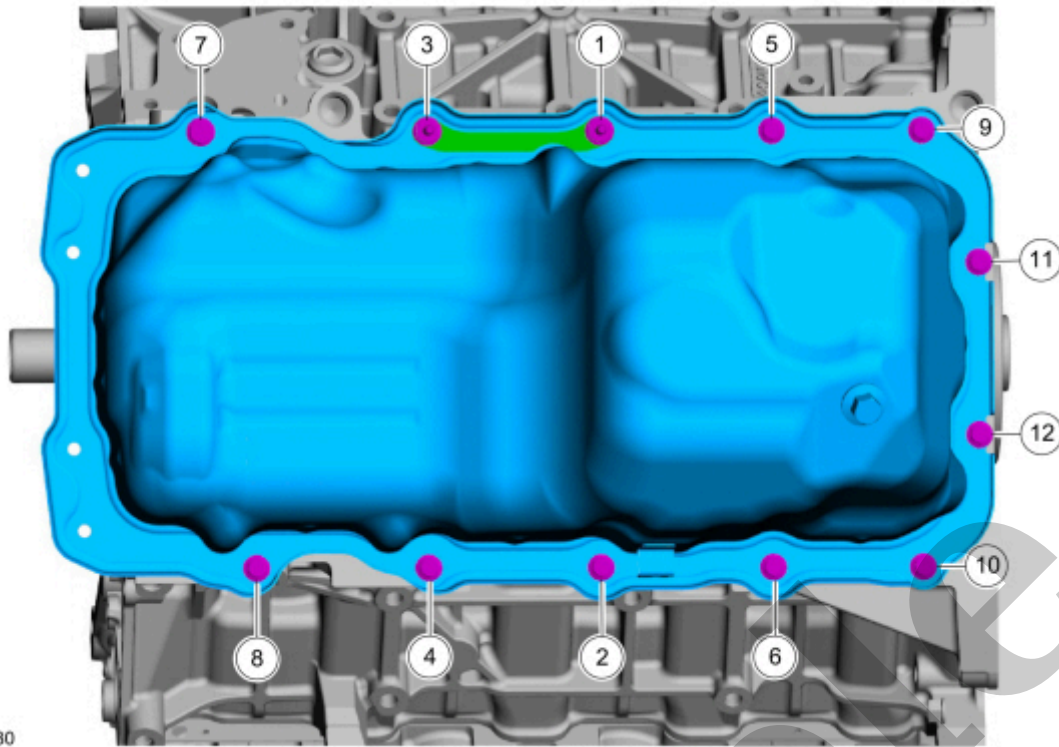
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29. **NOTE**

If the oil pan is not installed and the fasteners tightened within 5 minutes, the sealant must be removed and the sealing area cleaned. Failure to follow this procedure can cause future oil leakage. If this timing cannot be met, tighten fasteners 7, 8, 9 and 10 to 8 Nm (71 lb-in) within 5 minutes of applying the sealer and final torque all of the fasteners within 1 hour of applying the sealer.

Apply 15 mm (0.59 in) diameter drops of silicone gasket and sealant to the crankshaft rear seal retainer plate-to-cylinder block sealing surfaces.

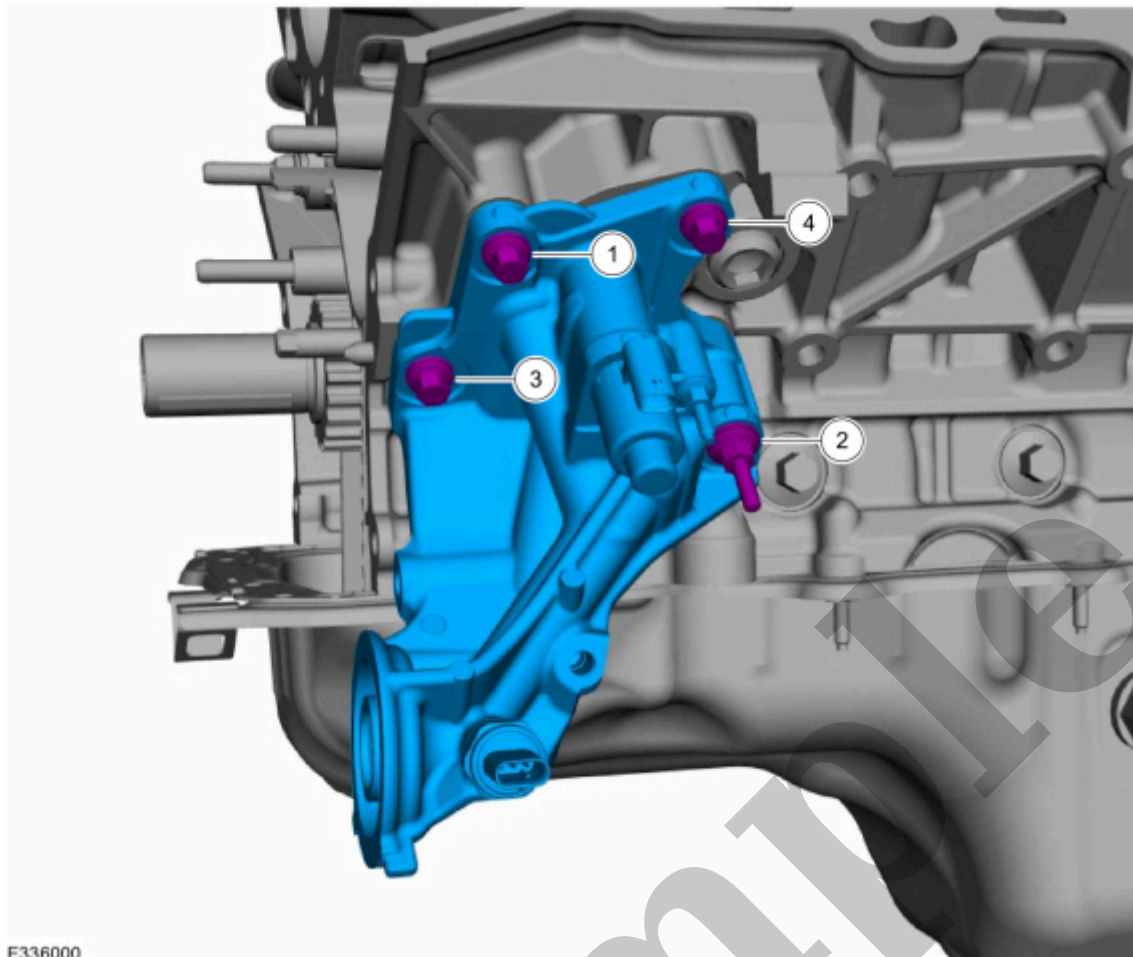
Material : Motorcraft® High Performance Engine RTV Silicone / TA-357 (WSE-M4G323-A6)



E368330

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31. Install a new oil filter adapter gasket.



E336000

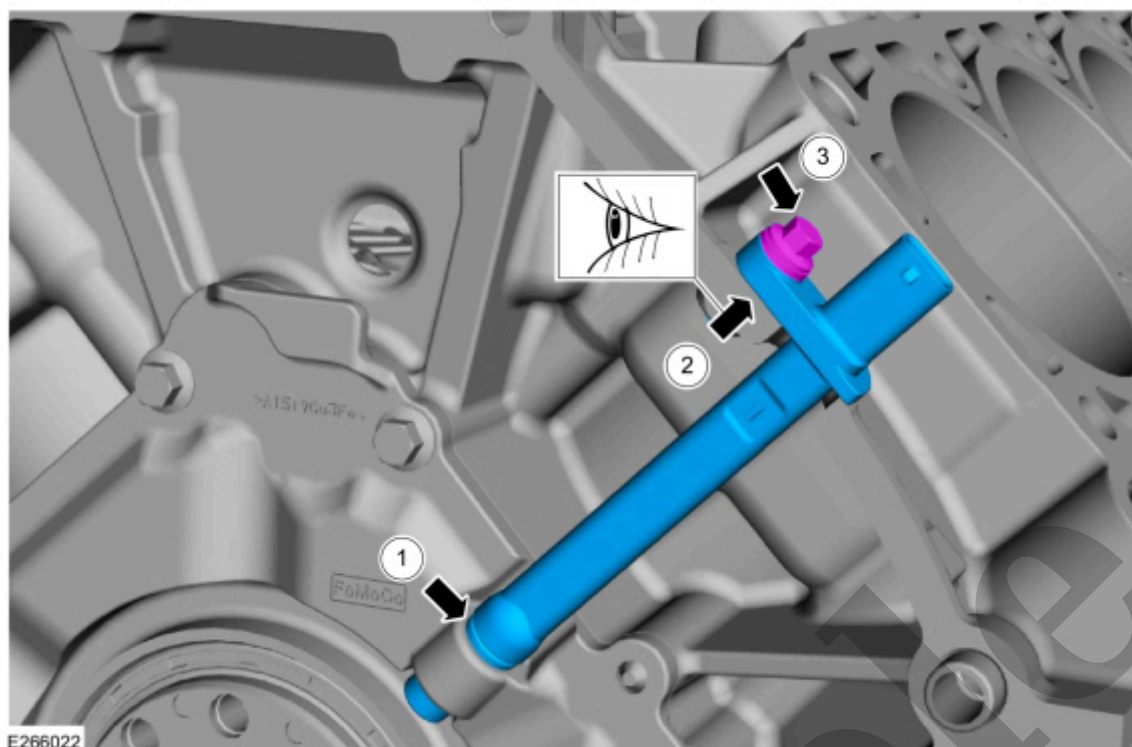
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33. NOTICE

A new oil cooler must be installed or severe damage to the engine can occur.

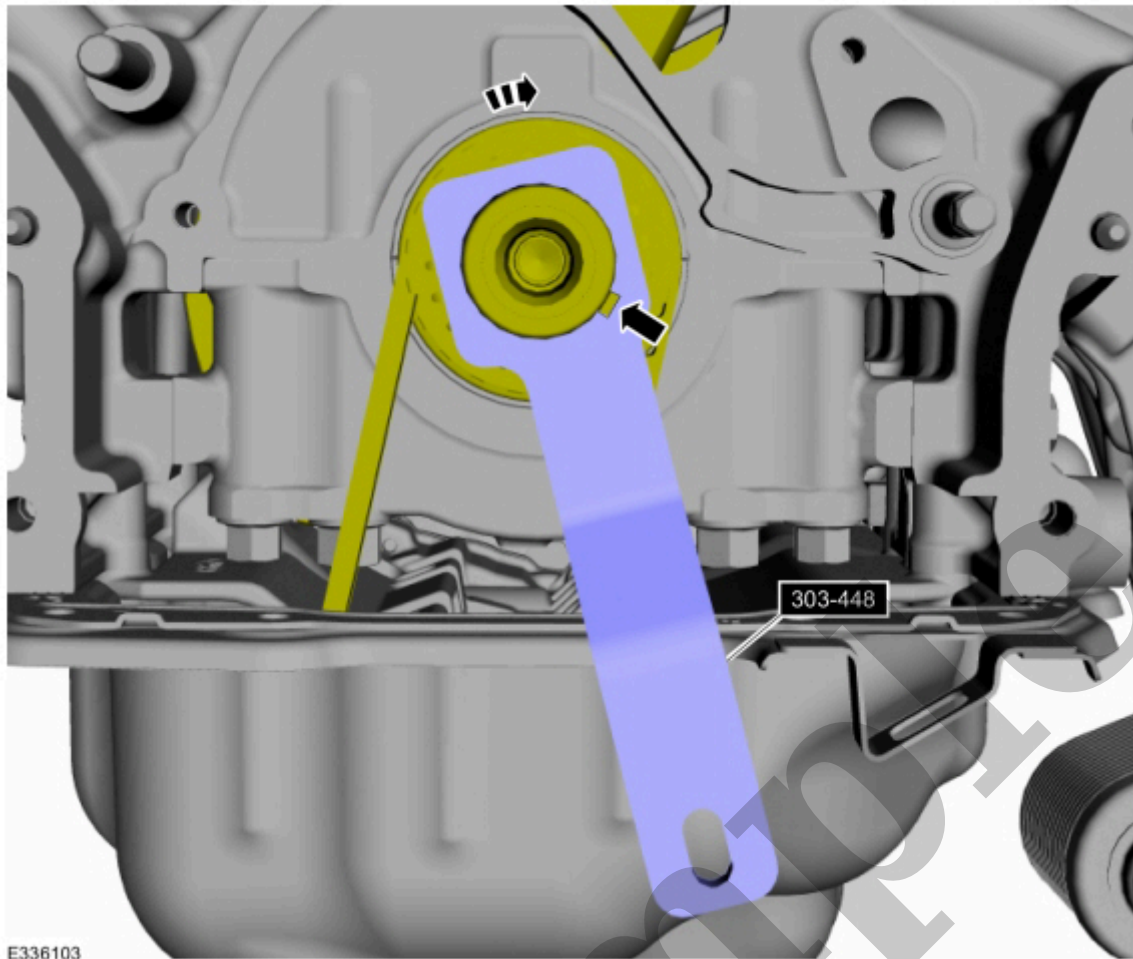
Install a new oil cooler and the threaded fitting.

Torque : 43 lb.ft (58 Nm)



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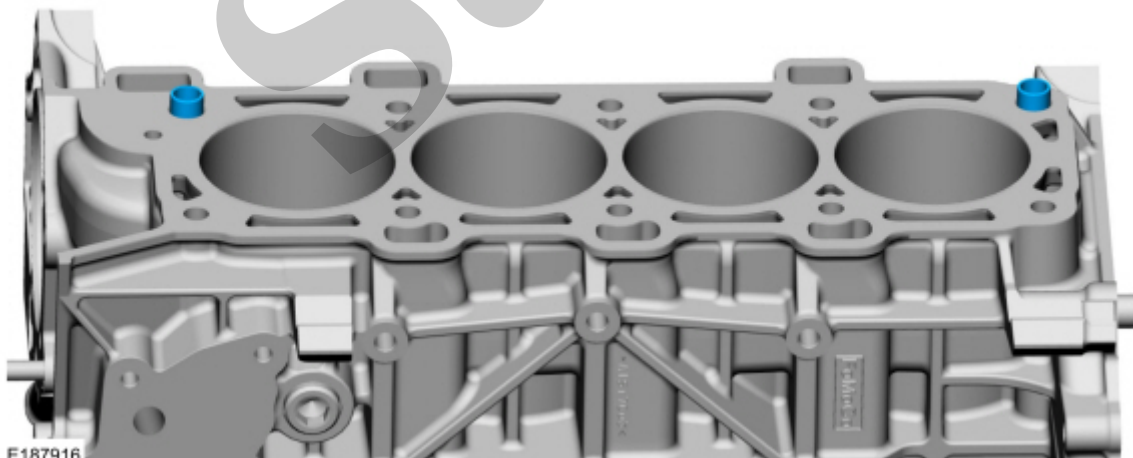
35. Install the crankshaft sprocket.



E336103

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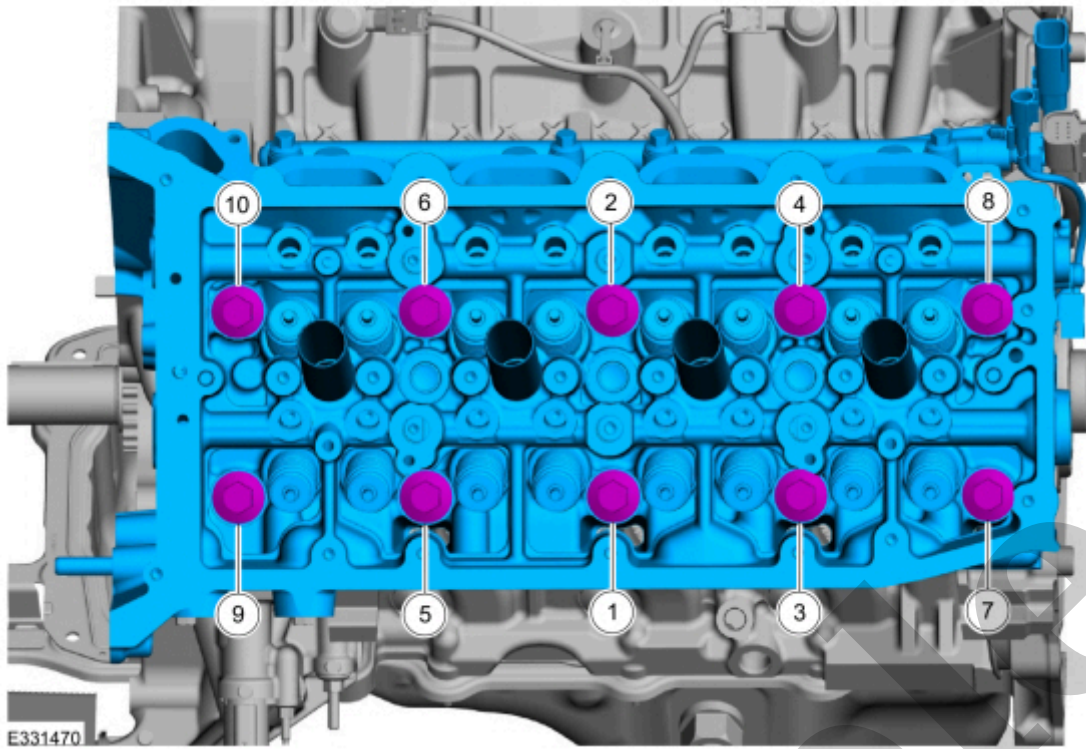
37. Install the dowels on the LH (left-hand) bank of the cylinder block.



E187916

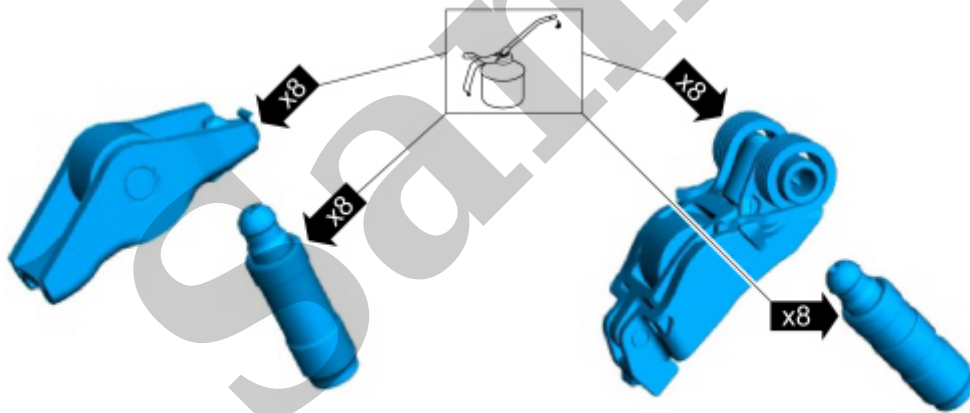
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

38. Install a new LH (left-hand) cylinder head gasket.



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40. Lubricate the hydraulic lash adjusters and roller followers with clean engine oil.



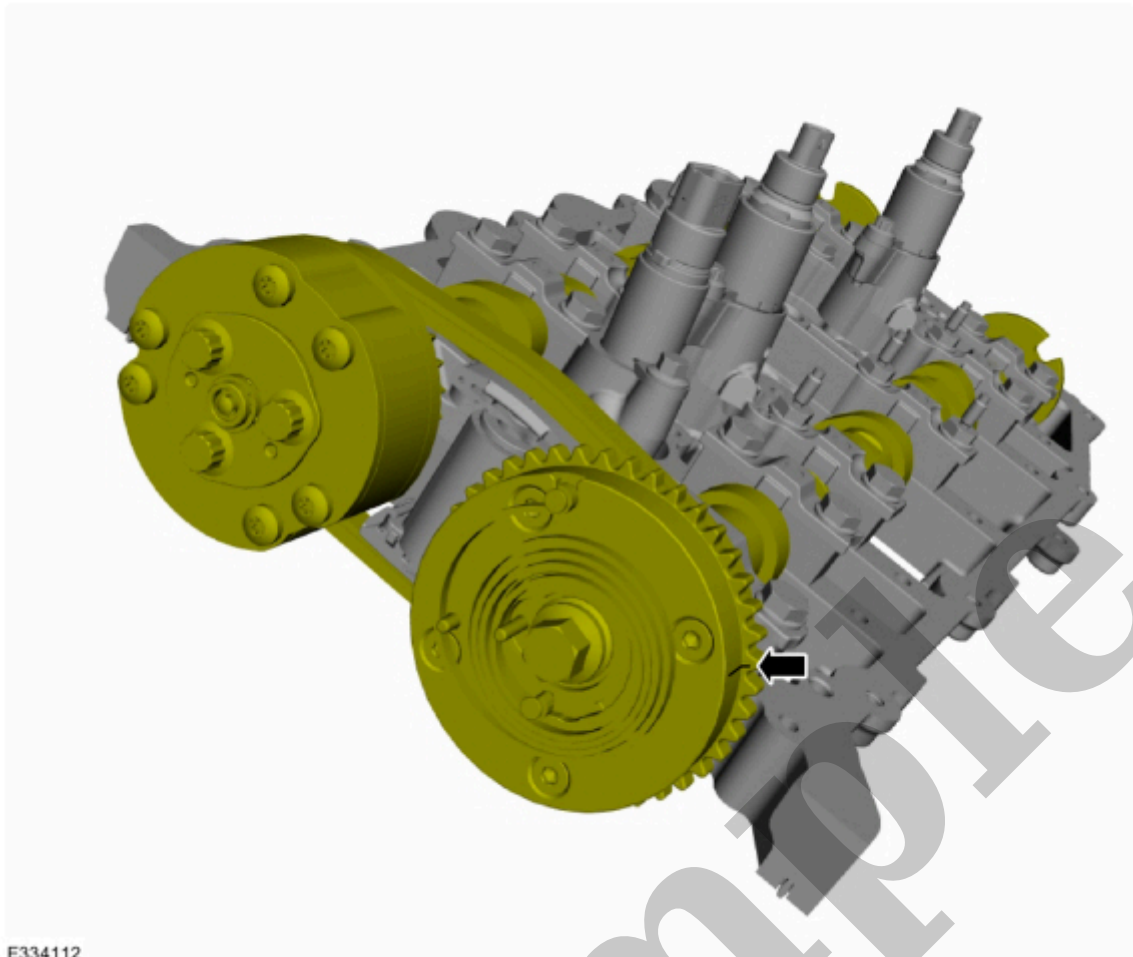
E336100

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41. **NOTE**

If the components are to be reinstalled, they must be installed in their original locations.

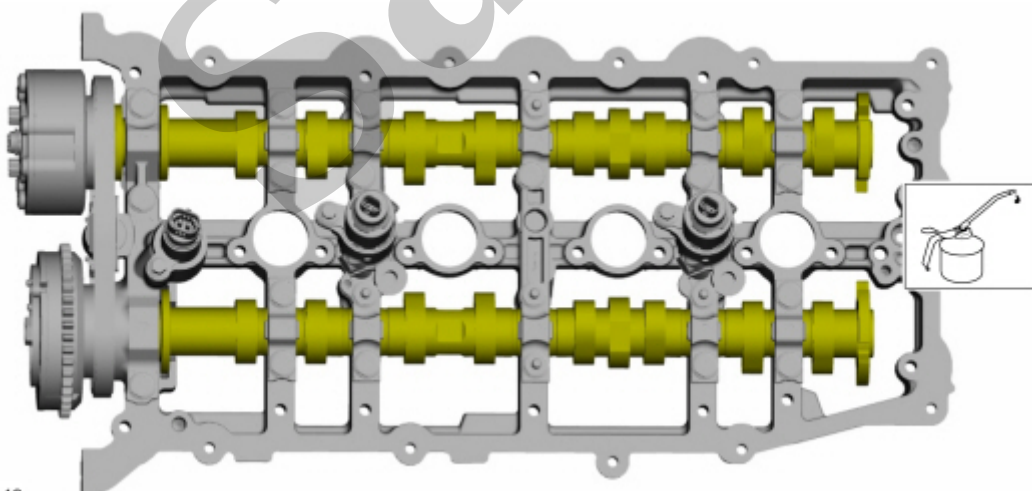
1. Assemble the hydraulic lash adjusters onto the spring clips on the camshaft roller followers.



E334112

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44. Lubricate the camshafts with clean engine oil.



E334113

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45. Lubricate the rocker arms with clean engine oil.



E333476

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48. Apply clean engine oil to the O-ring seal and oil tube.