

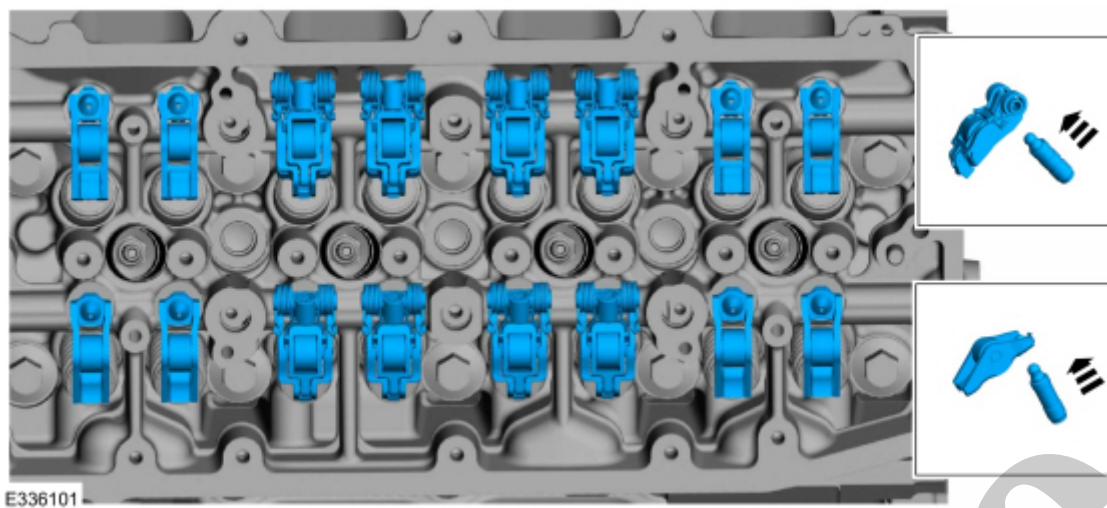
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## 2014 Ford F-550 Super Duty Service and Repair Manual

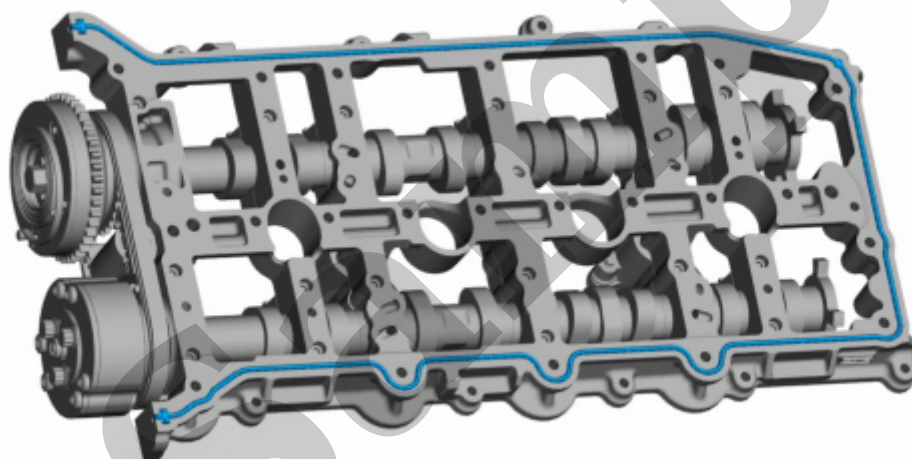
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2. Install the camshaft roller follower and hydraulic lash adjuster assemblies.



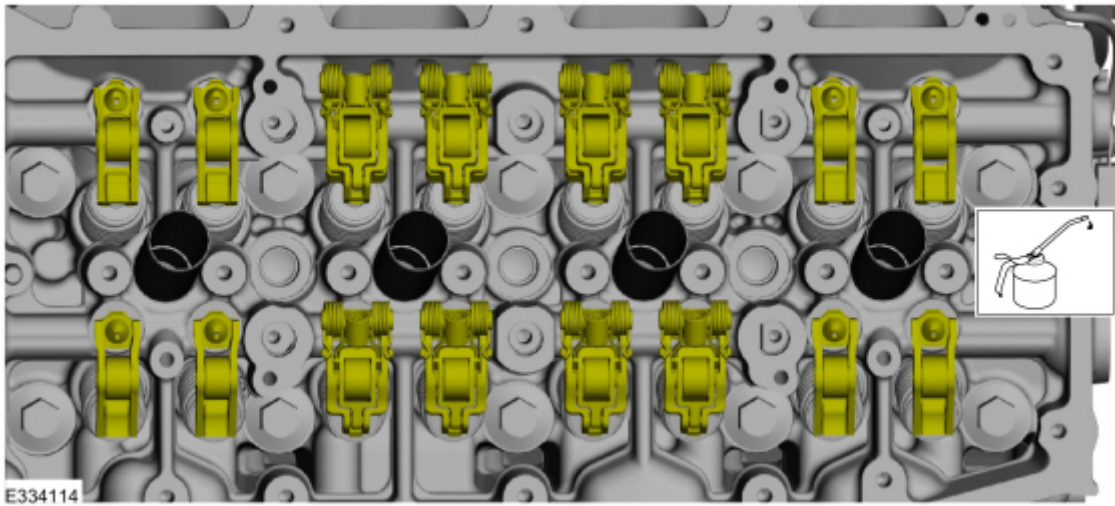
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42. Install a new gasket.



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43. Make sure the timing mark is in the position shown.



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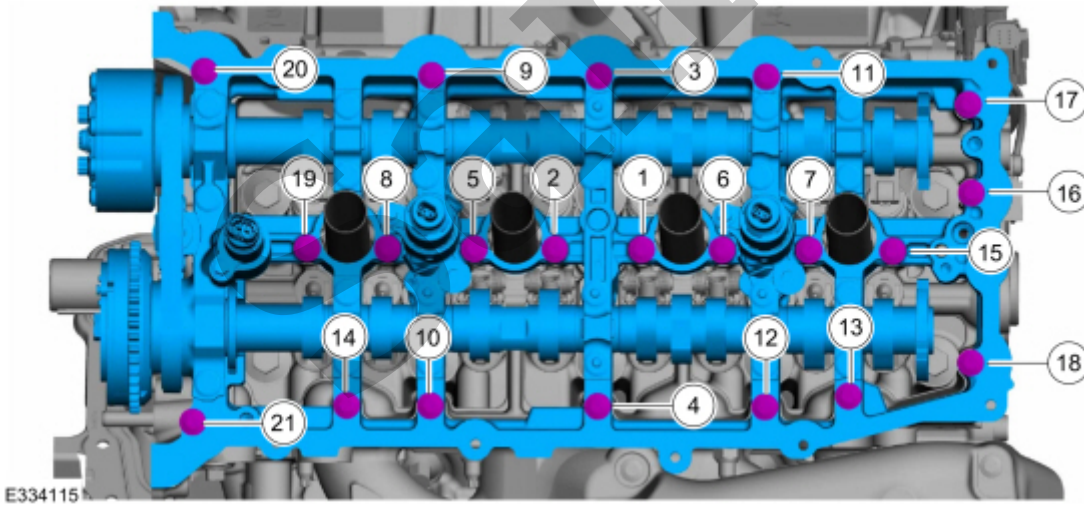
46. Install the camshaft and carrier assembly.

**Torque :**

Stage 1: 106 lb.in (12 Nm)

Stage 2: 106 lb.in (12 Nm)

Stage 3: 60°



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47. Inspect the O-ring seal. If damaged, discard the oil tube assembly.

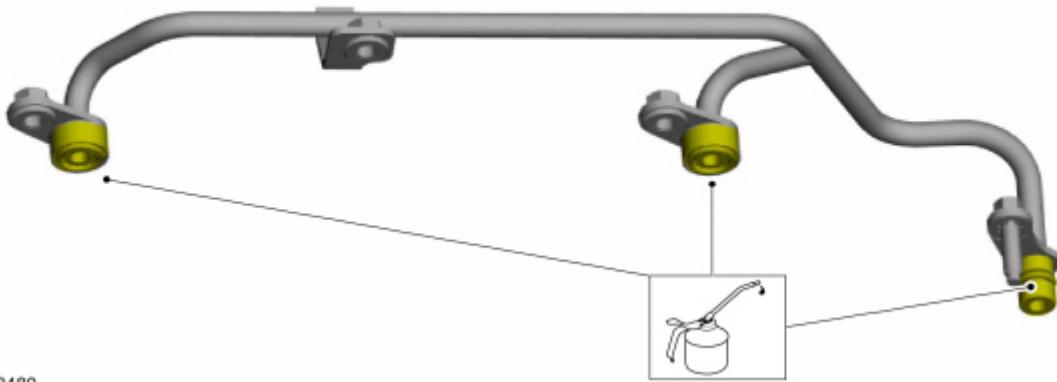


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49. Install the oil tube and tighten the fasteners in sequence.

**Torque** : 89 lb.in (10 Nm)

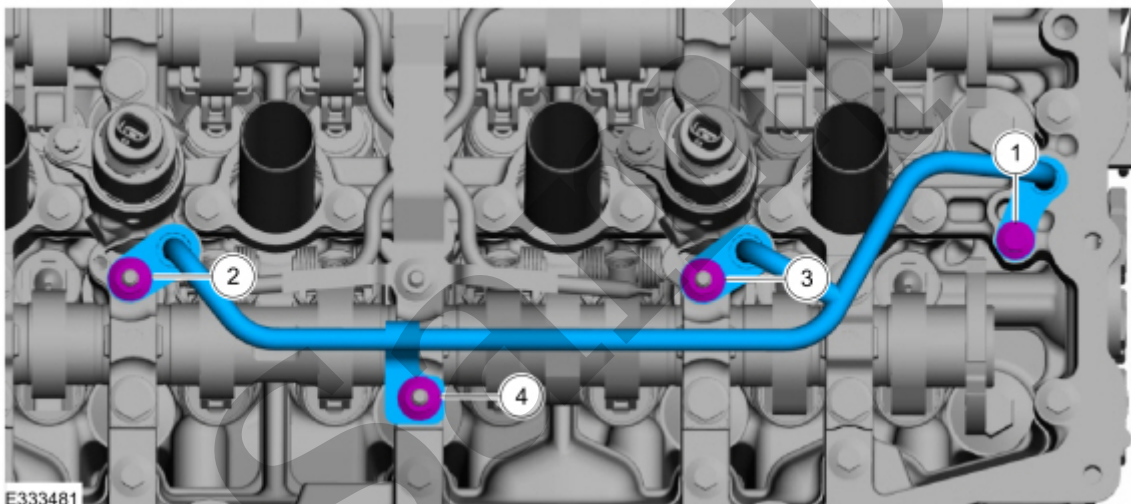


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52. Install the oil tube and tighten the fasteners in sequence.

**Torque** : 89 lb.in (10 Nm)



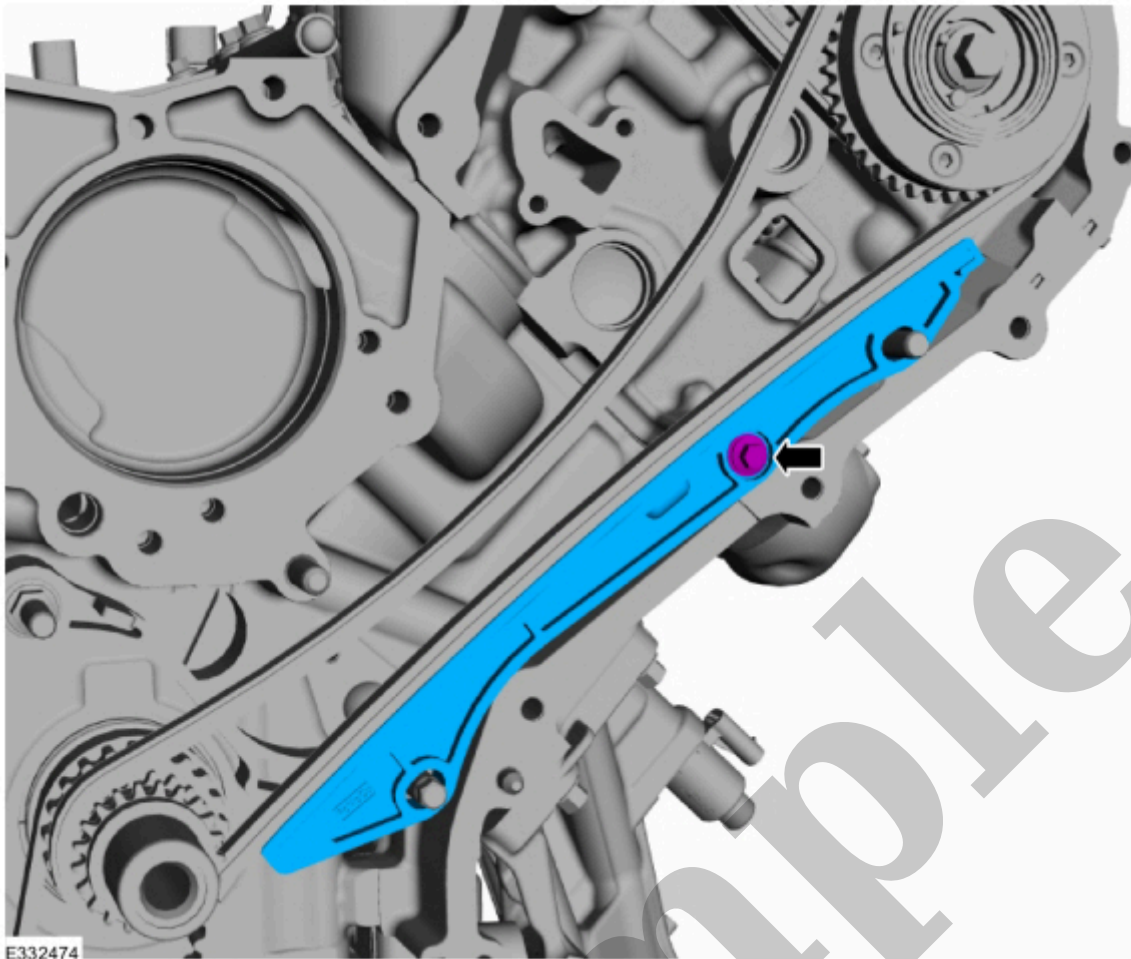
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53. Install the LH (left-hand) timing chain.

1. Align the colored link on the timing chain with the timing mark on the LH (left-hand) VCT (variable camshaft timing) assembly.
2. Align the remaining colored link on the timing chain with the timing mark on the crankshaft sprocket.



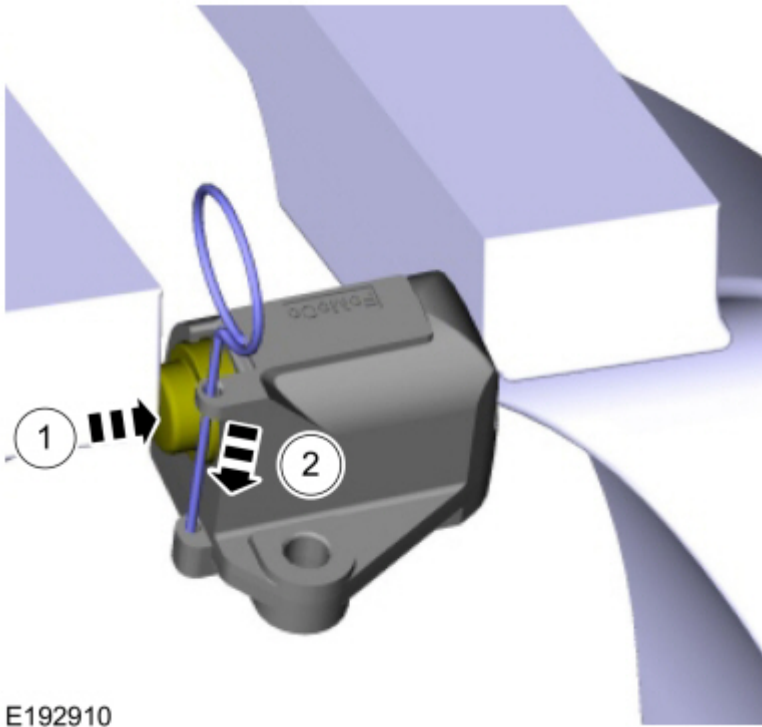


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55. **NOTE**

It may be necessary to rotate the crankshaft slightly to provide enough slack in the chain to install the LH (left-hand) timing chain arm. Return the crankshaft keyway to the 4:00 position after installing the LH (left-hand) timing chain arm.

Install the LH (left-hand) timing chain tensioner arm.



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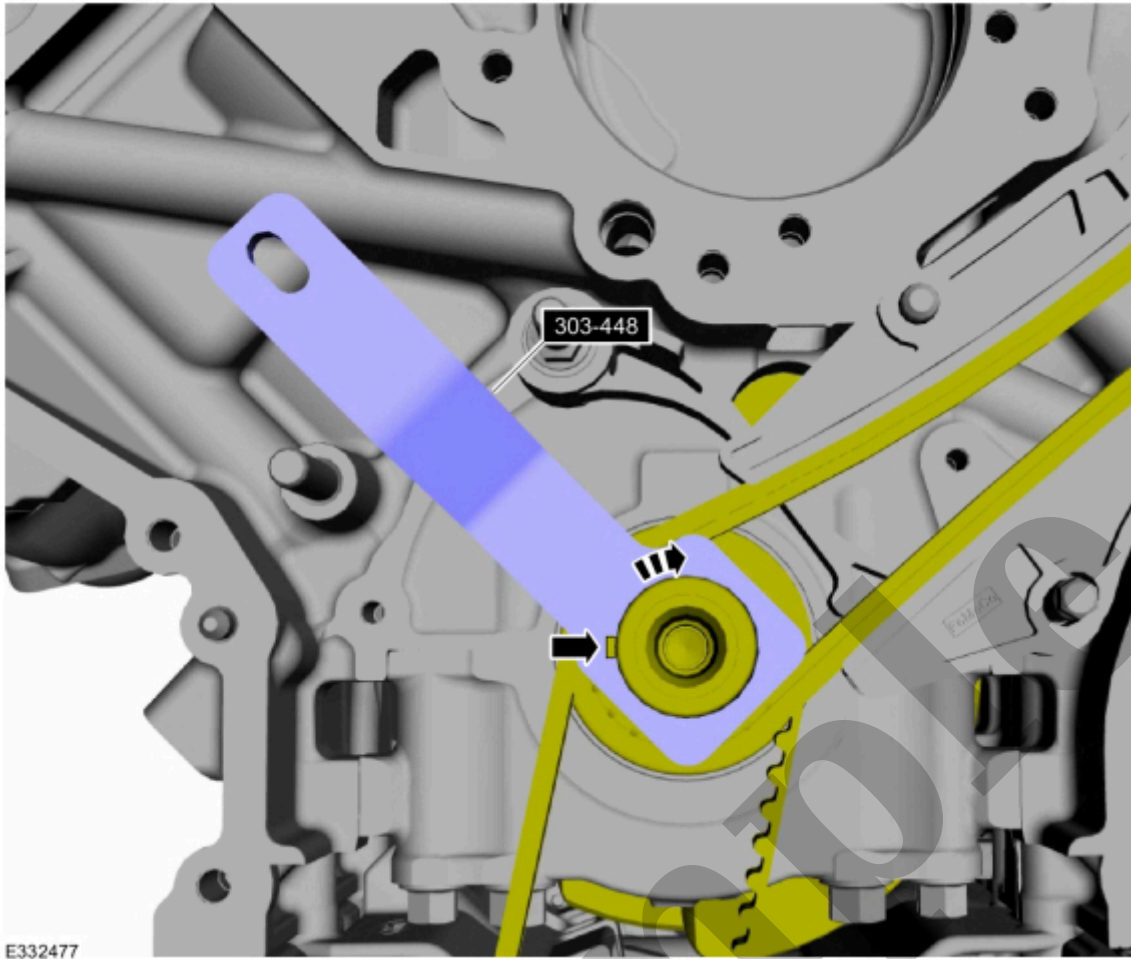
57. 1. Install the LH (left-hand) primary timing chain tensioner and bolts.

***Torque :***

Stage 1: 89 lb.in (10 Nm)

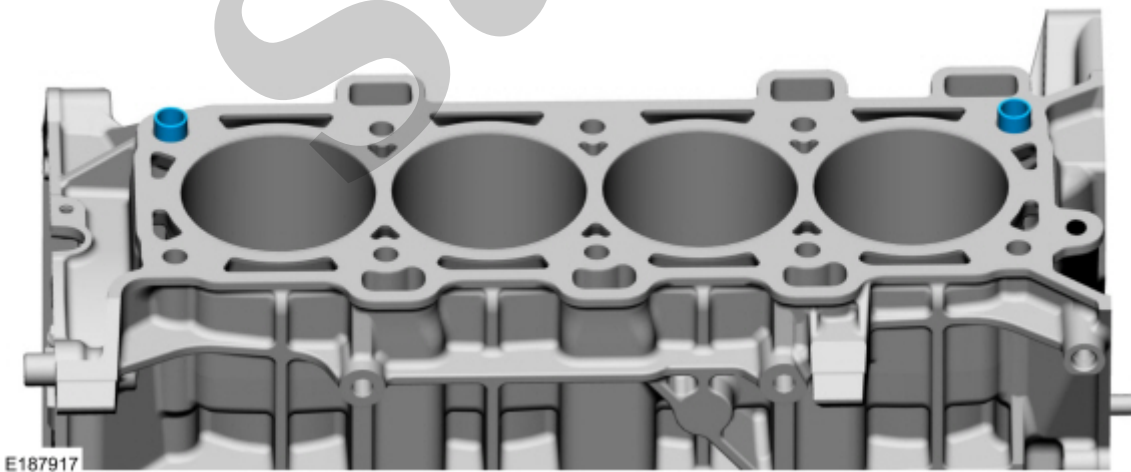
Stage 2: 25°

2. Remove the holding pin from the tensioner.



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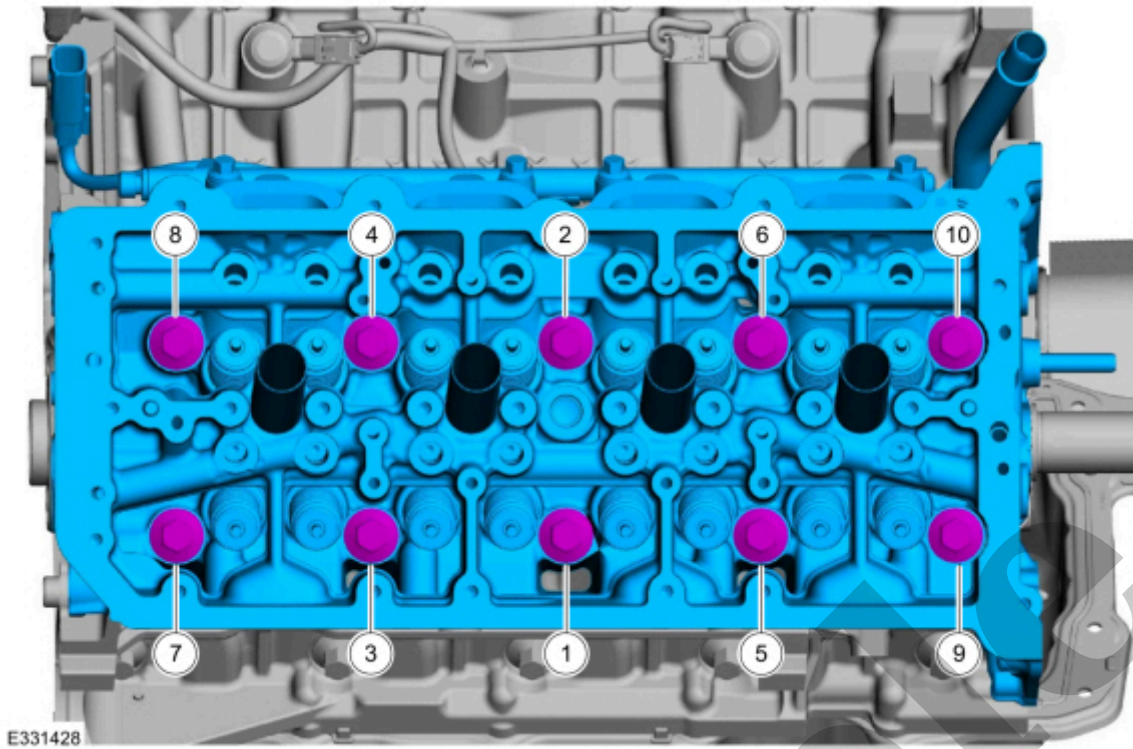
59. Install the dowels on the RH (right-hand) bank of the cylinder block.



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60. Install the new cylinder head gasket.

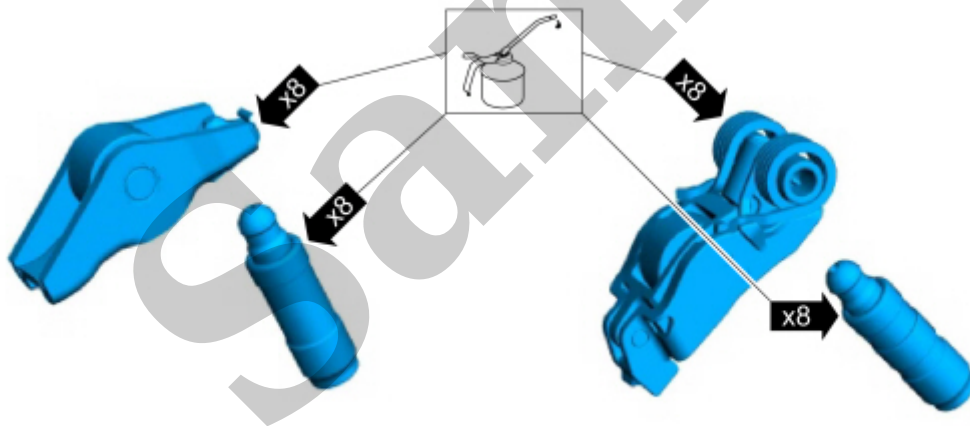




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62. Lubricate the hydraulic lash adjusters and roller followers with clean engine oil.



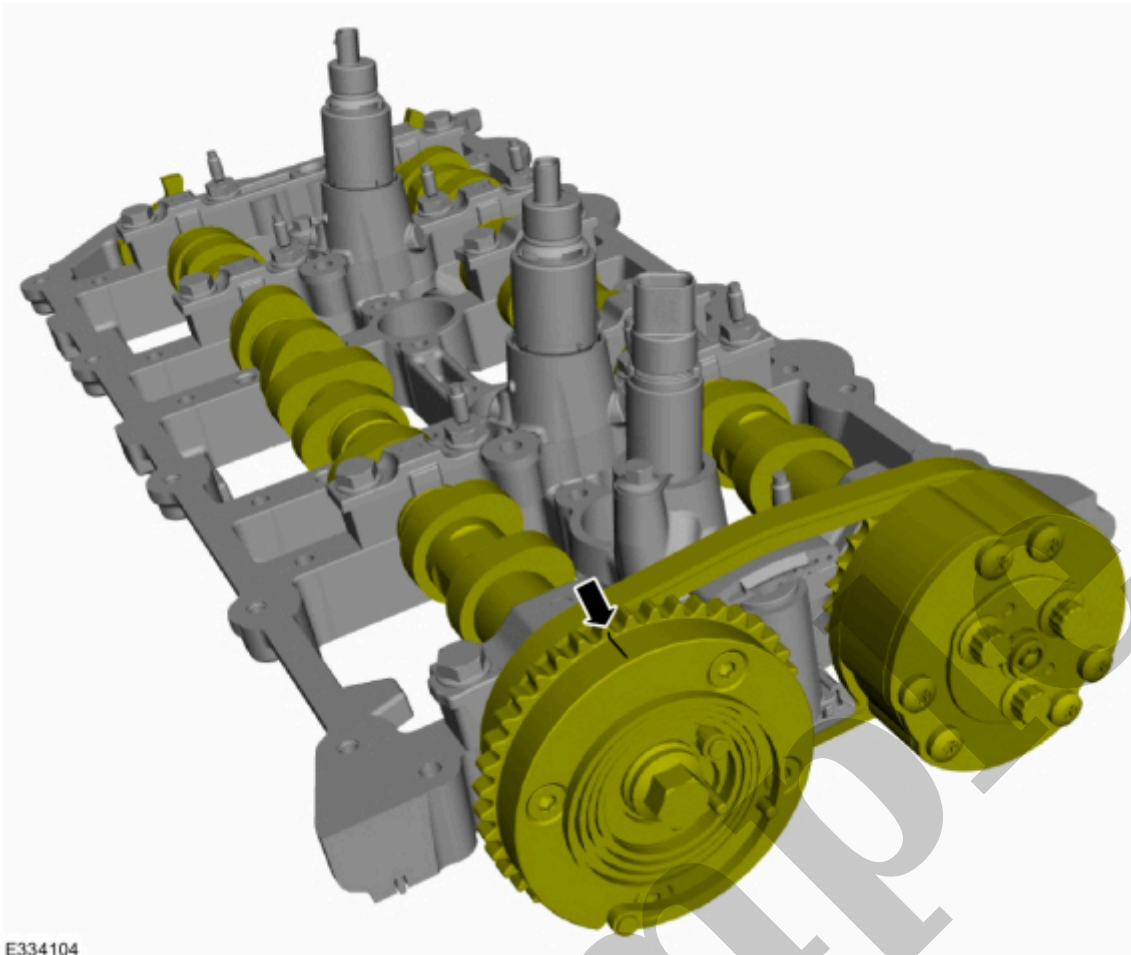
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63. **NOTE**

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

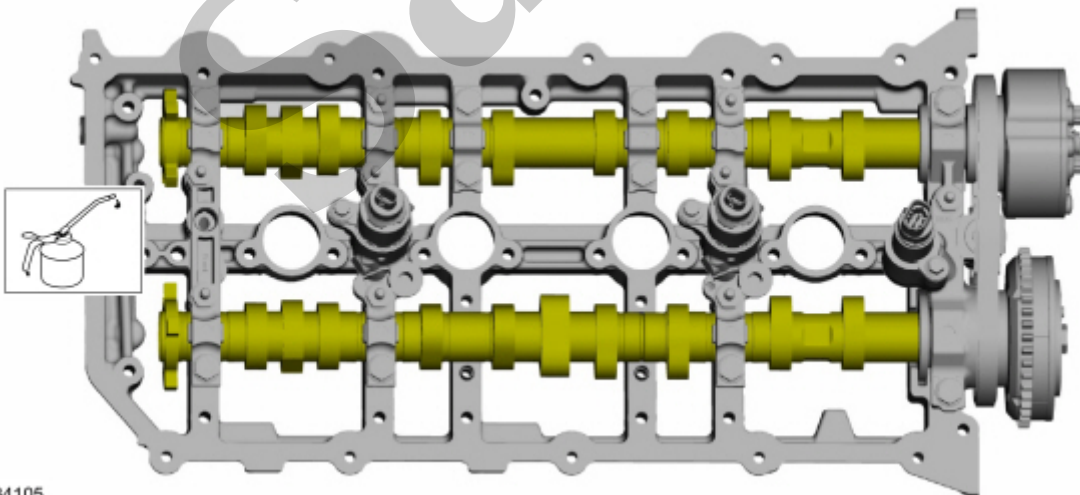
1. Assemble the hydraulic lash adjusters onto the spring clips on the camshaft roller followers.



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66. Lubricate the camshafts with clean engine oil.



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67. Lubricate the rocker arms with clean engine oil.