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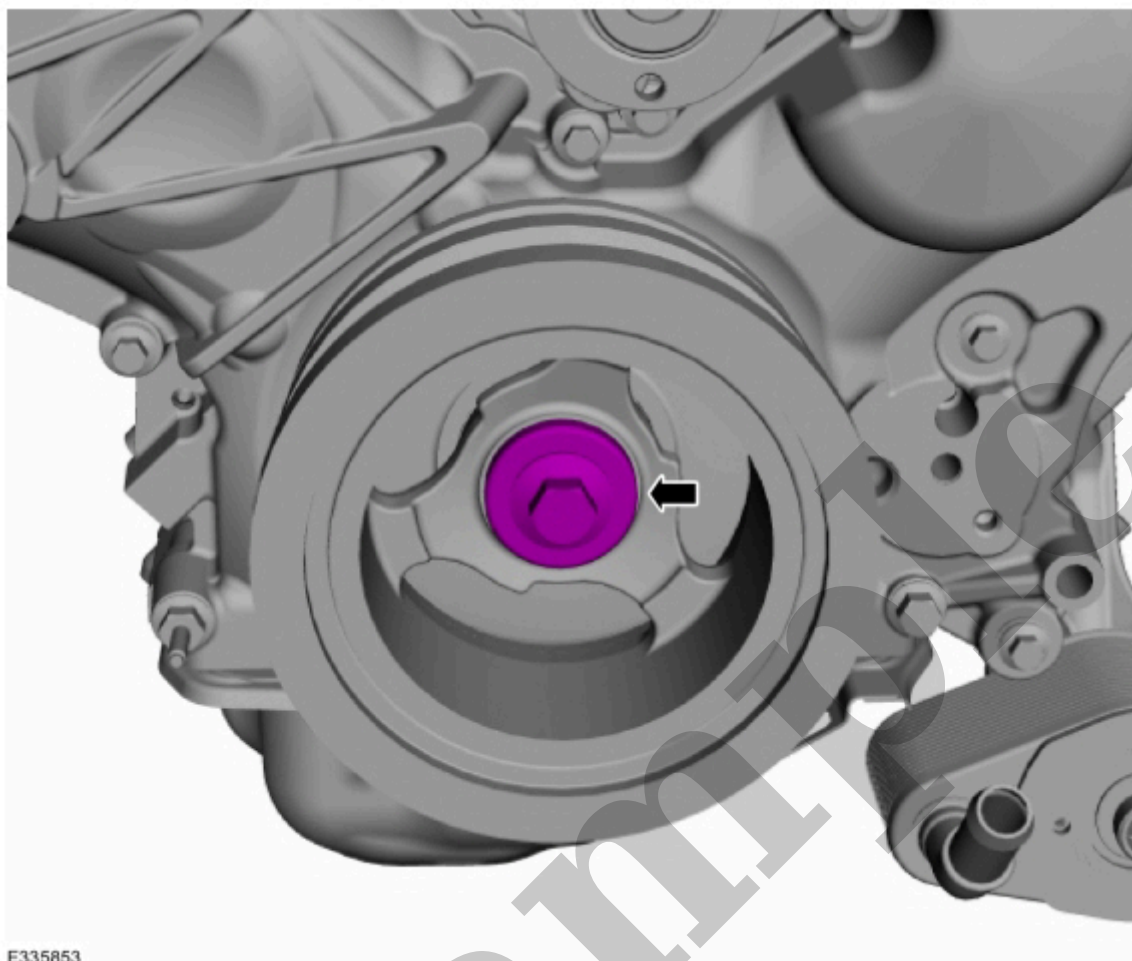
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2014 Ford E-150 Service and Repair Manual

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41. Remove the crankshaft pulley bolt and washer.



E335853

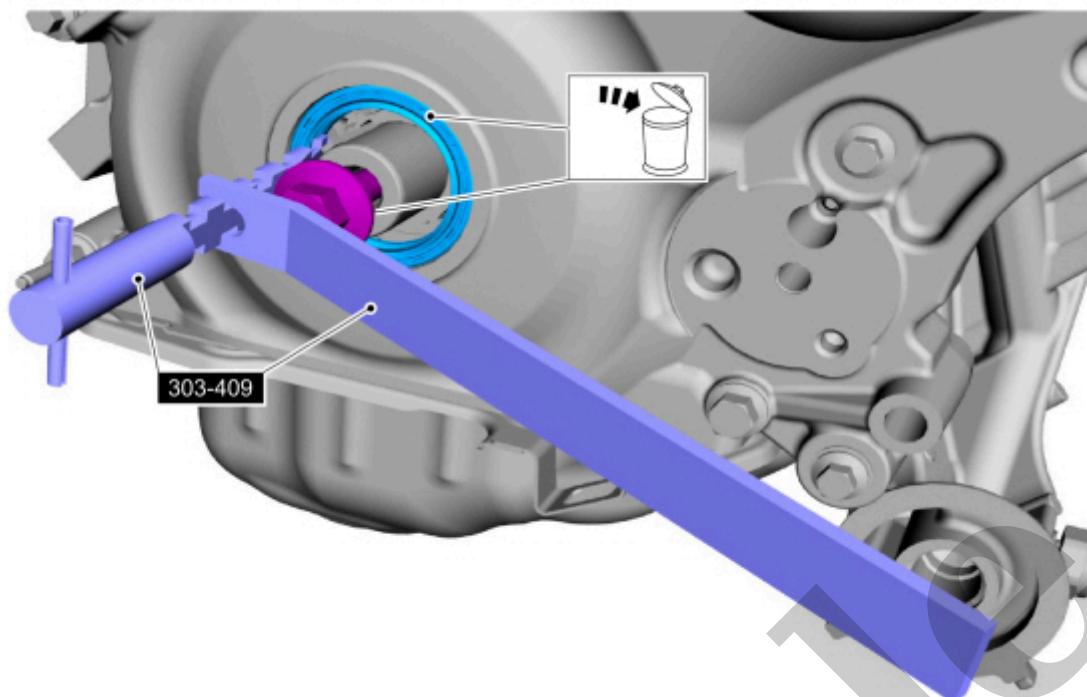
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42. **NOTE**

Use a universal puller (such as an OTC 6667, or equivalent).

Using a universal puller, remove the crankshaft pulley.

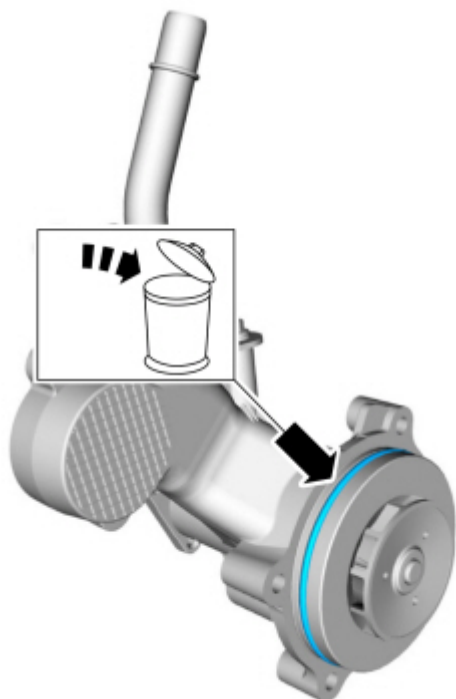
Use the General Equipment: Three Leg Puller



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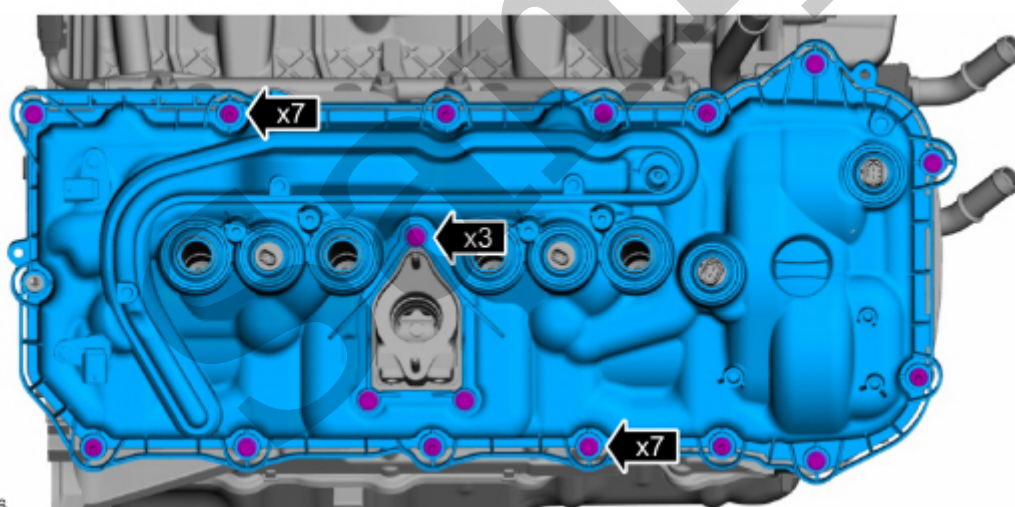
44. Remove the bolts and the coolant pump.



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46. Loosen the fasteners and remove the valve cover.



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47. **NOTE**

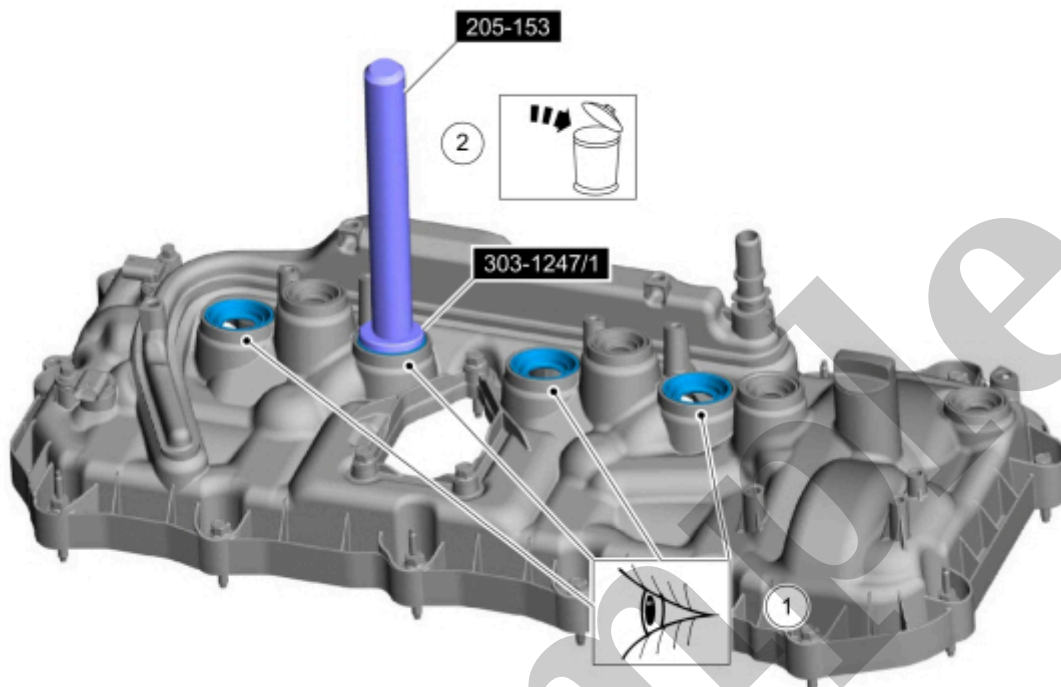
Clean the valve cover gasket groove with soap and water or a suitable solvent.

Remove and discard the gaskets.

49. 1. Inspect the spark plug seals.

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

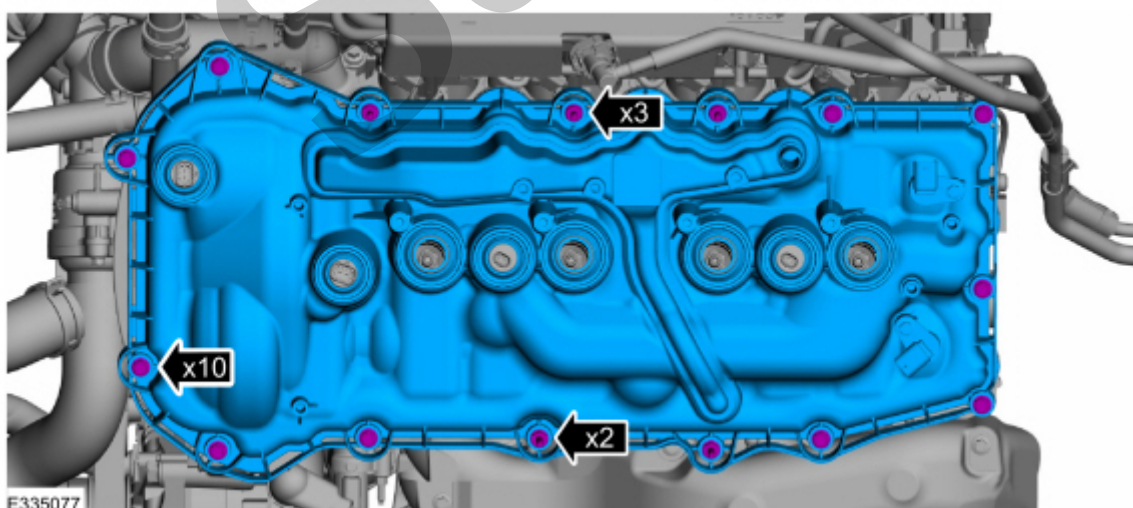
Use Special Service Tool : 205-153 (T80T-4000-W) Handle , 303-1247 VCT Spark Plug Tube Seal Remover and Installer



E331784

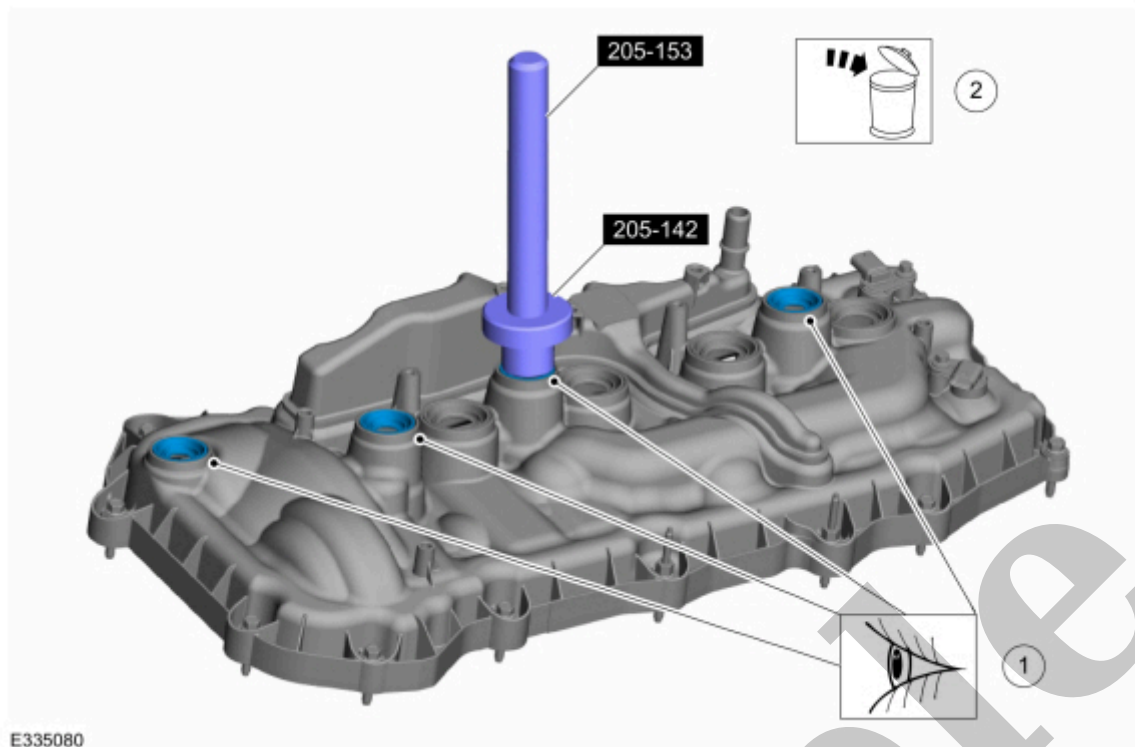
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50. Loosen the fasteners and remove the valve cover.



E335077

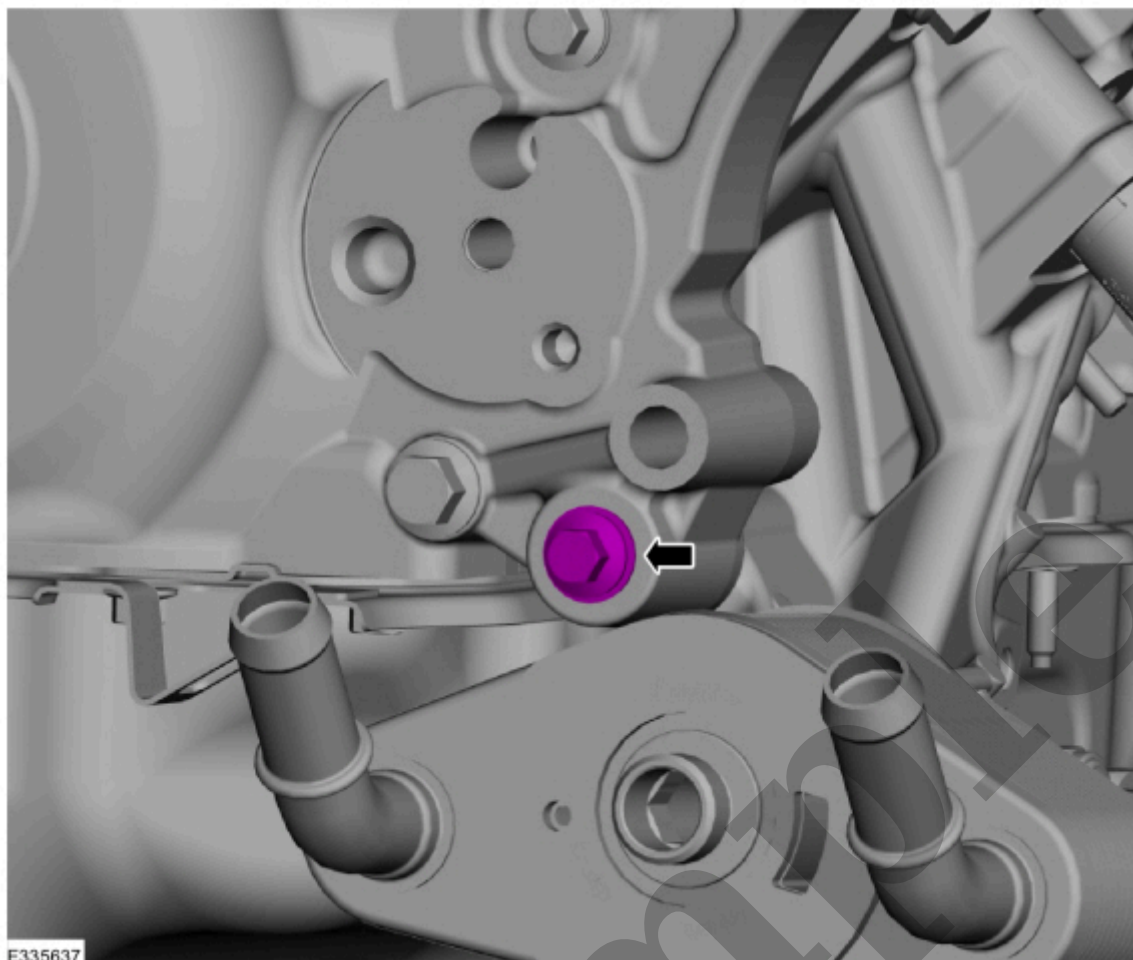
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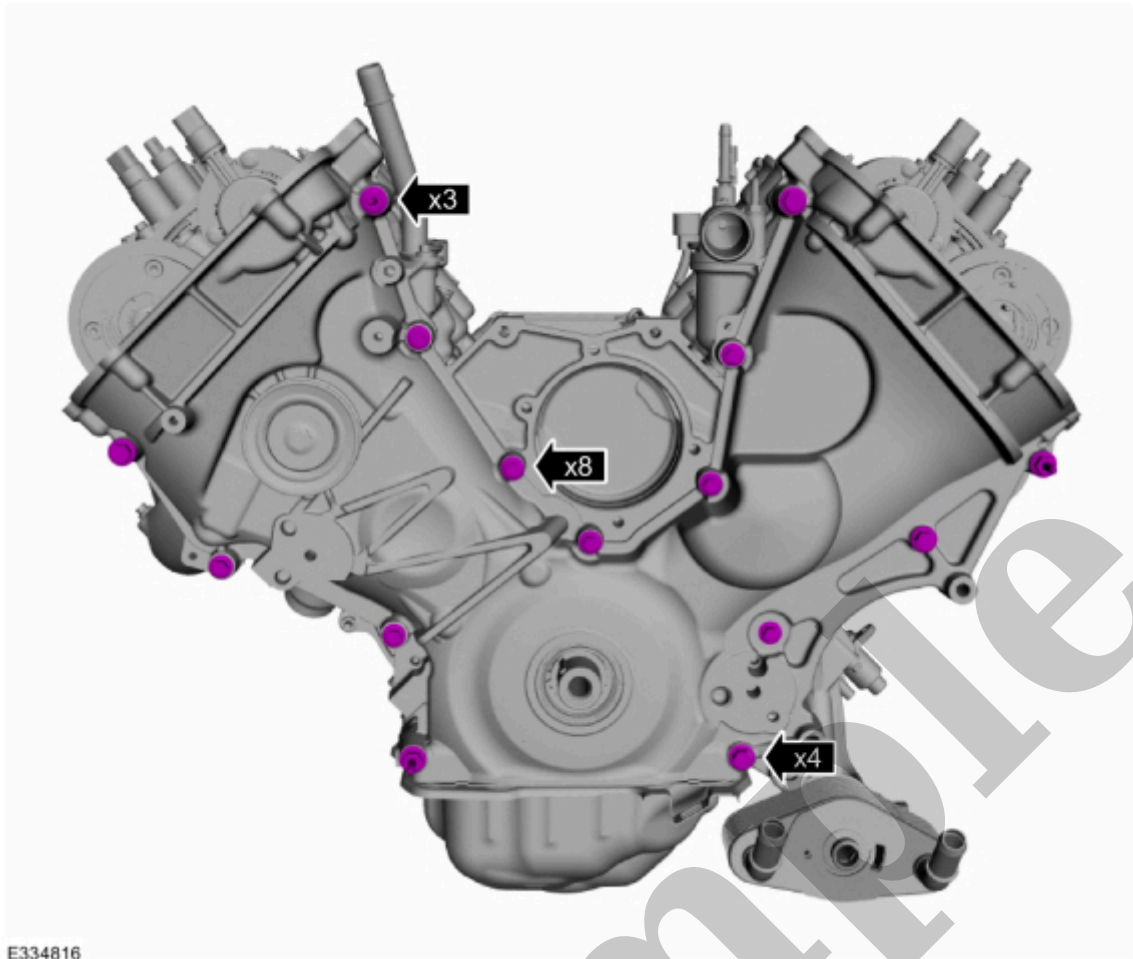
53. 1. Inspect the spark plug seals.
2. Remove and discard any damaged seals using the special tools.

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



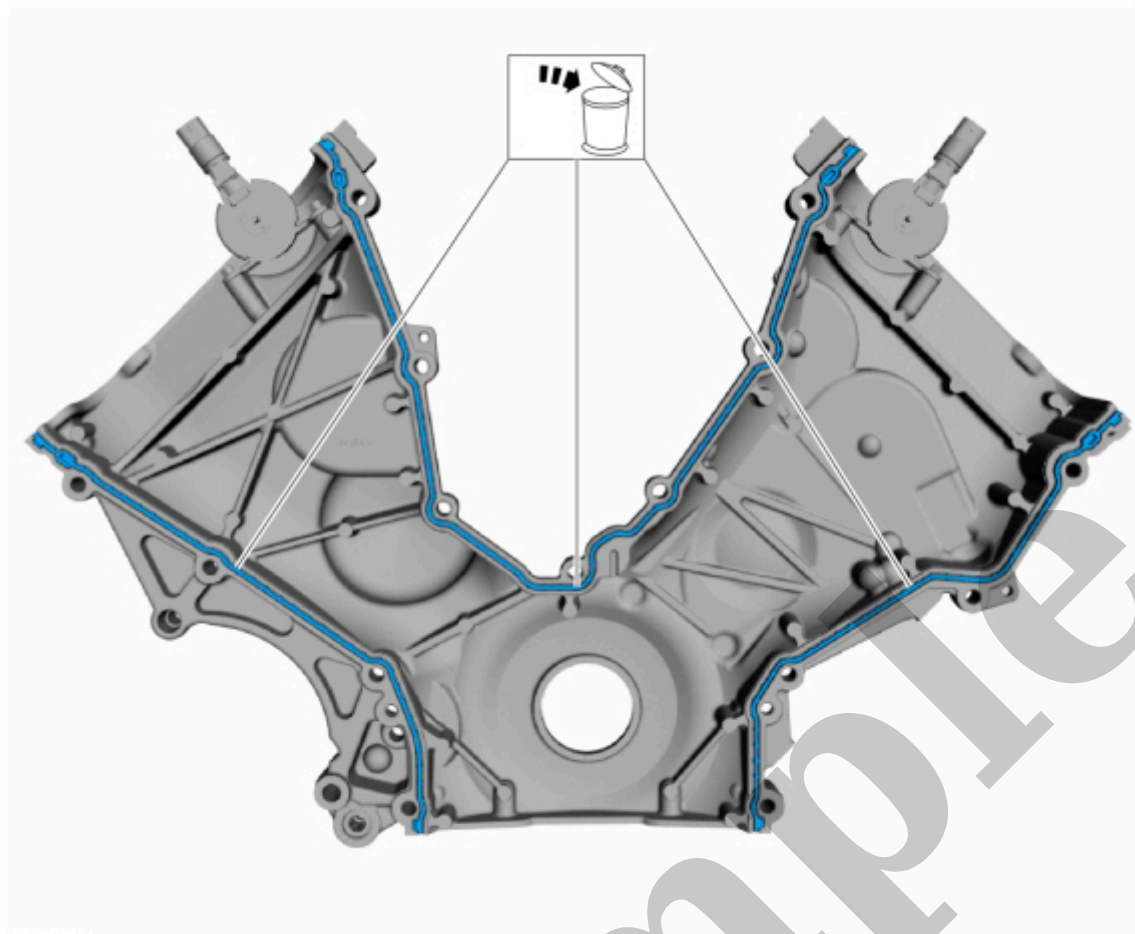
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55. Using a 10 mm Hex Bit loosen the engine front cover-to-oil filter adapter jack screw.



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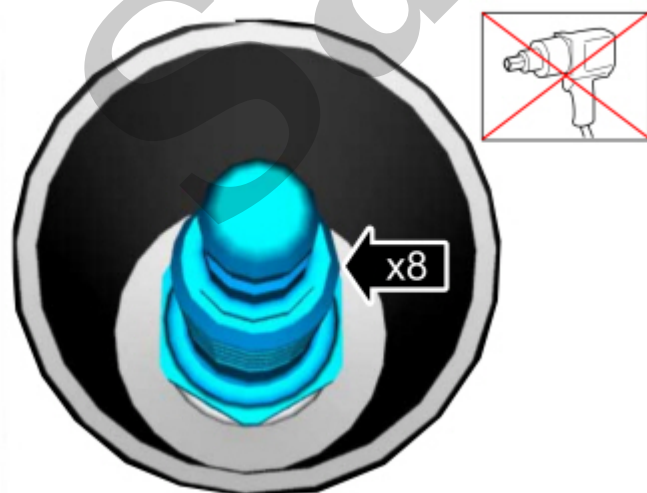
58. Remove the engine front cover from the front cover-to-cylinder block dowels.



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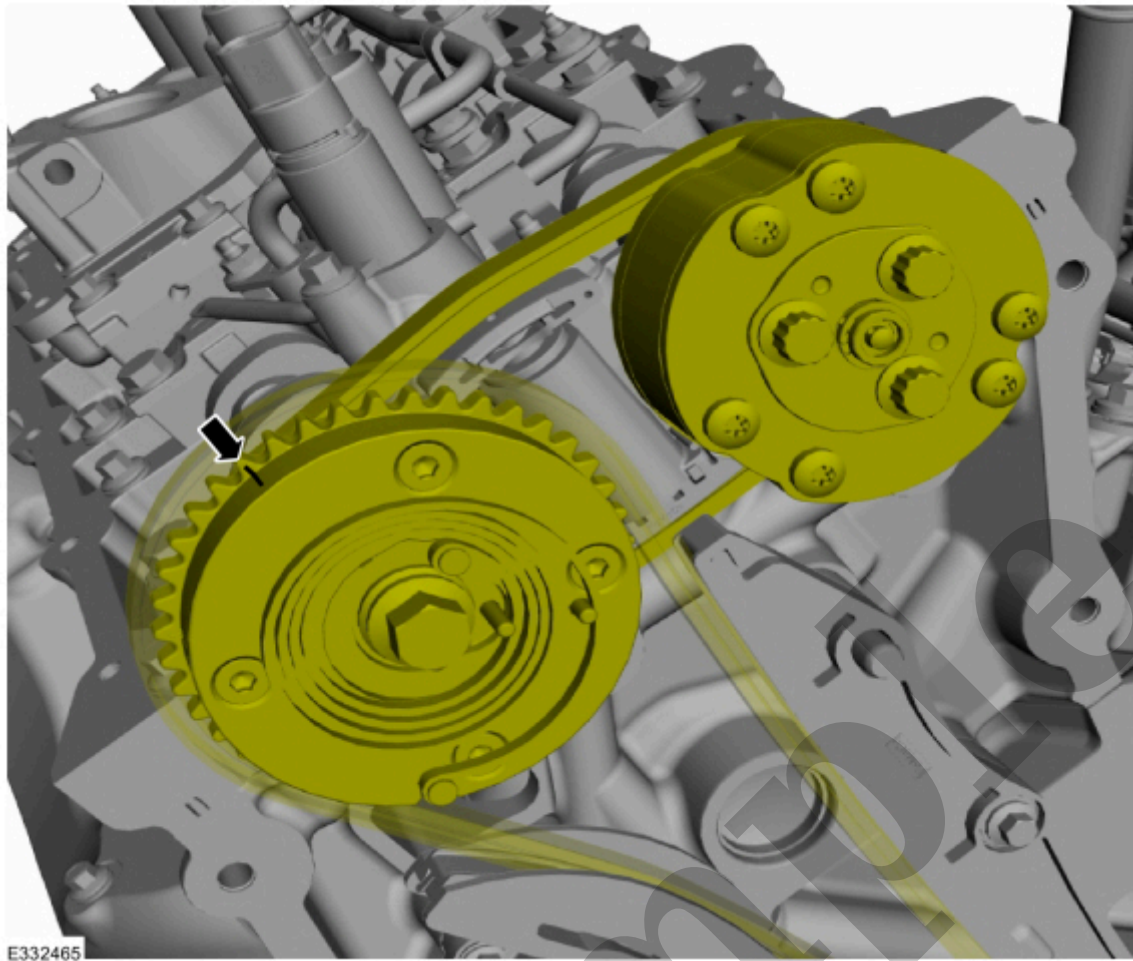
60. Remove the 8 spark plugs.



E158022

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61. Using the special tool, rotate the crankshaft clockwise until the keyway is at the 9:00 position.



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