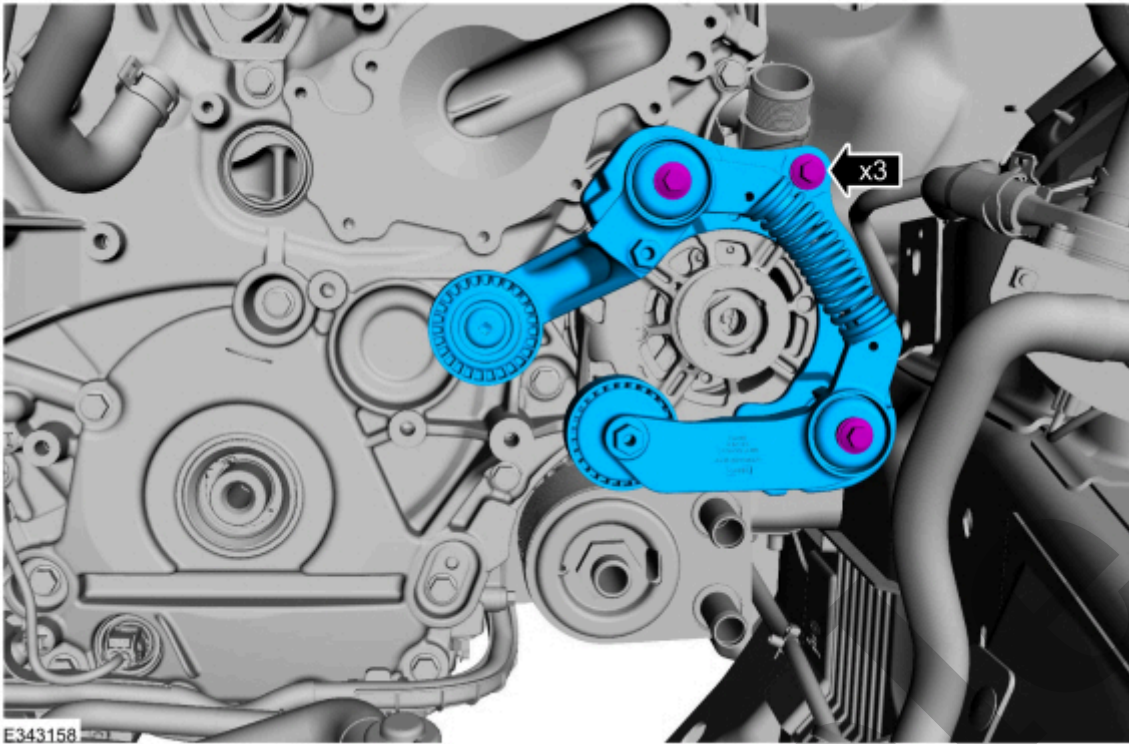


# Your Ultimate Source for OEM Repair Manuals

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.

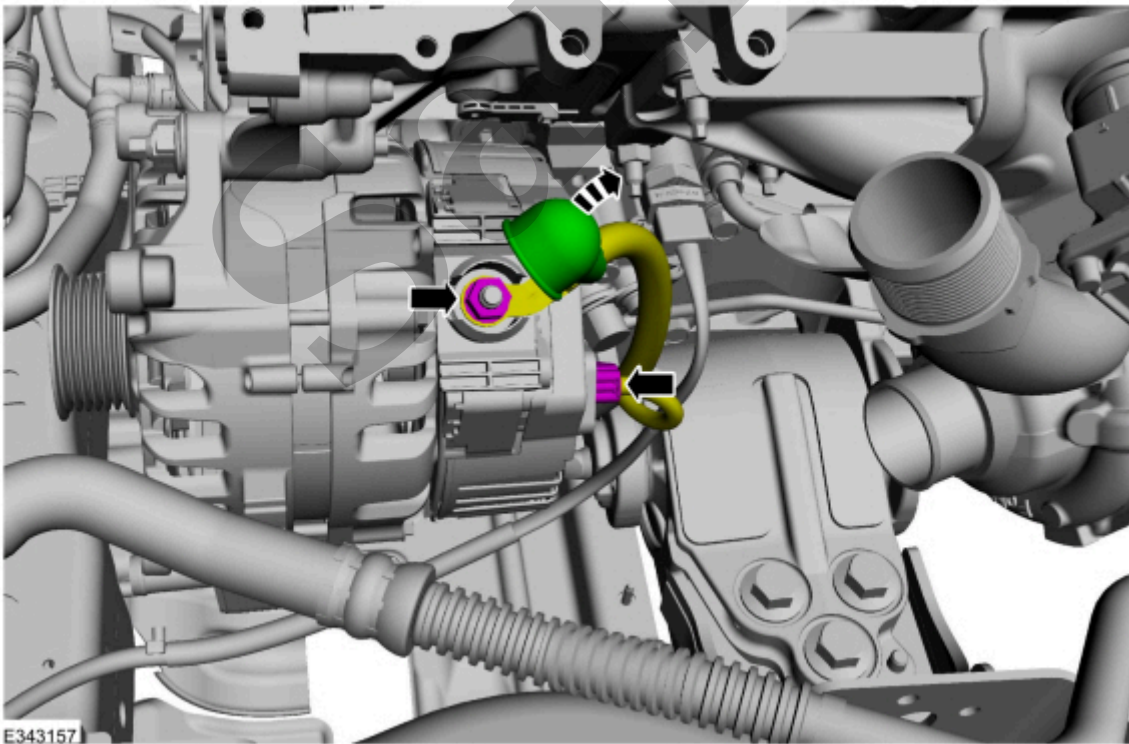
## 2013 Ford Fusion Service and Repair Manual

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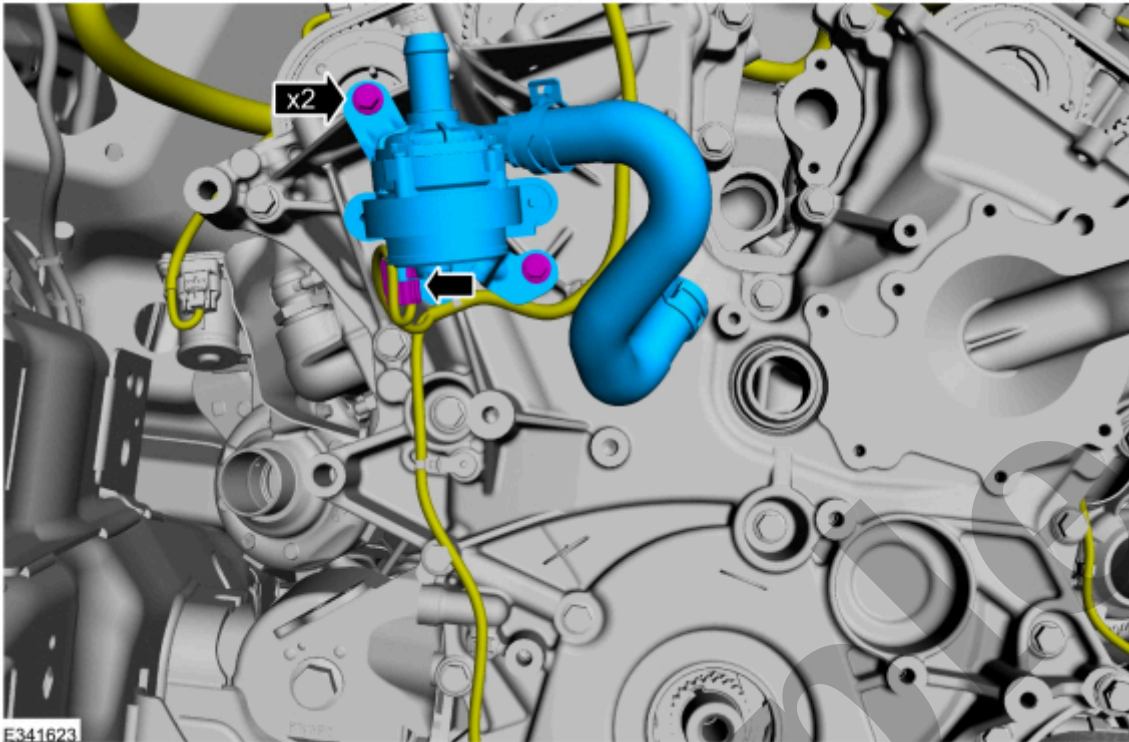
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11. Disconnect the starter generator electrical connector, position the B+ wire protective cover and remove the nut and the B+ wire.



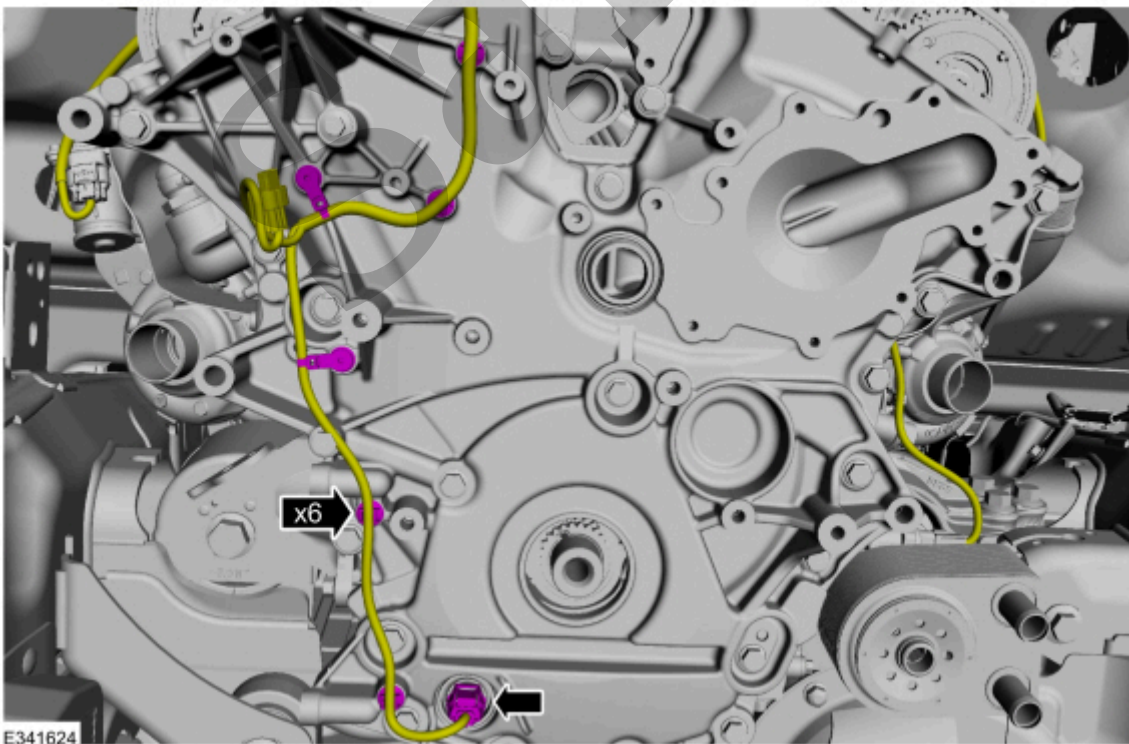
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14. Disconnect the electrical connector, remove the bolts and position cabin heater coolant pump aside.



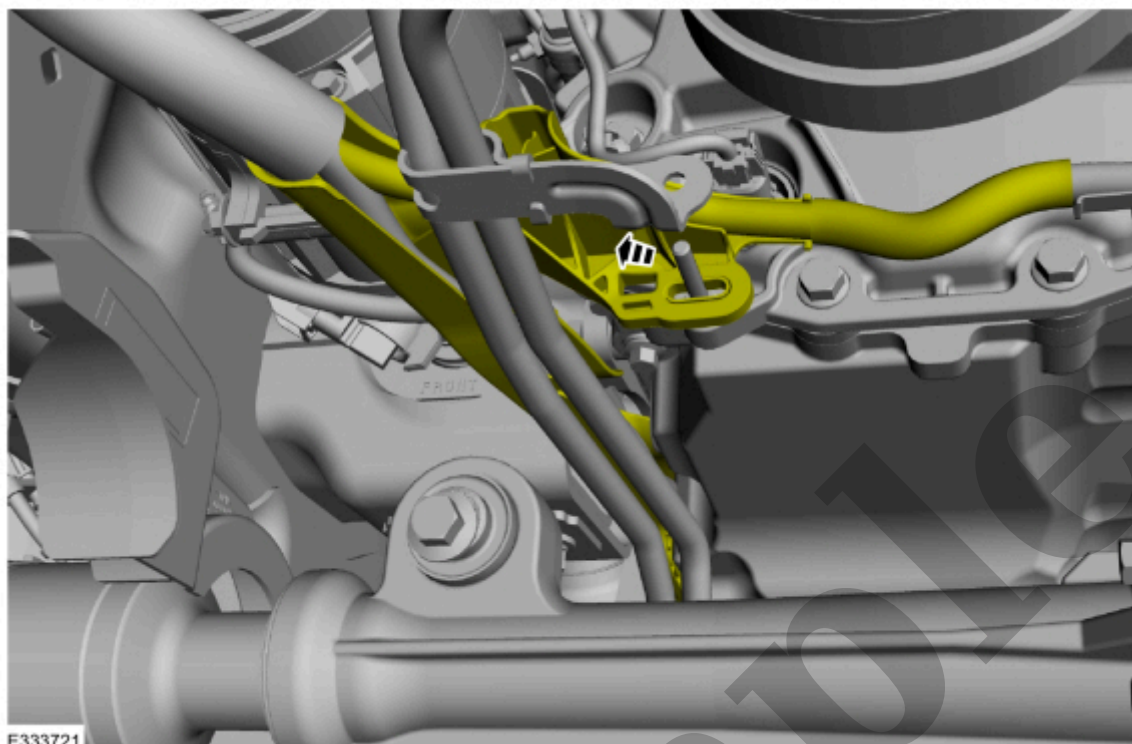
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15. Disconnect the oil pump electrical connector, detach the pin-type retainers and position the wire harness aside.



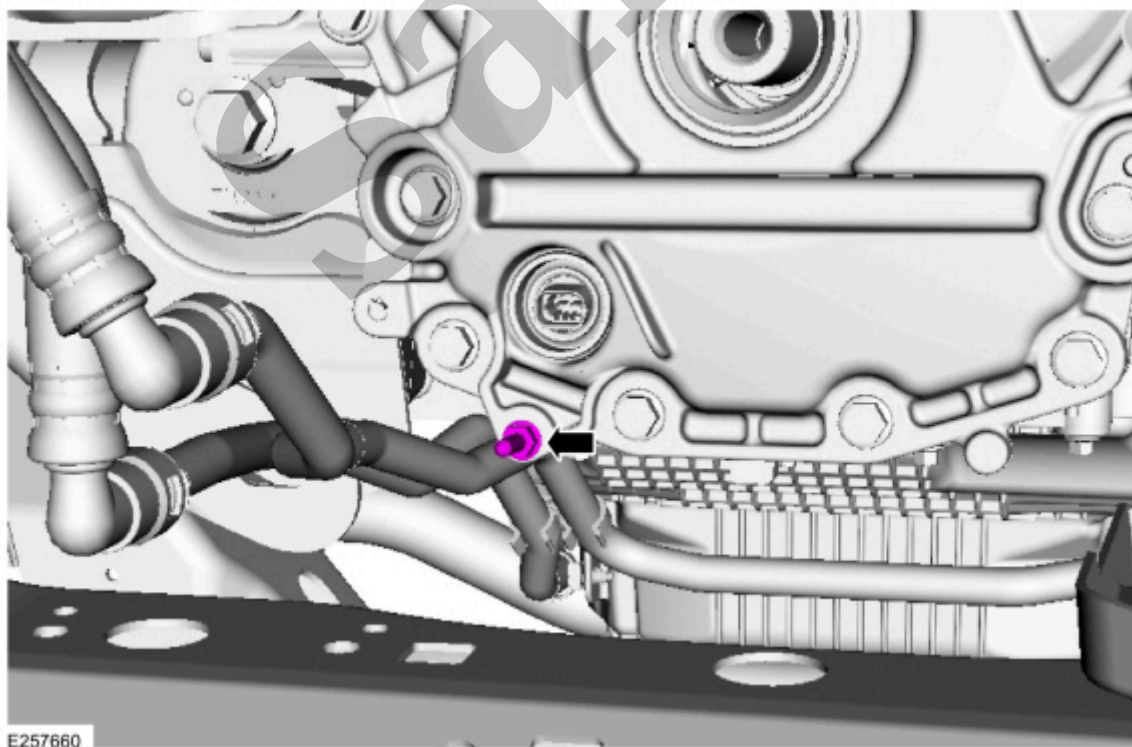
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18. Position out the engine wiring harness.



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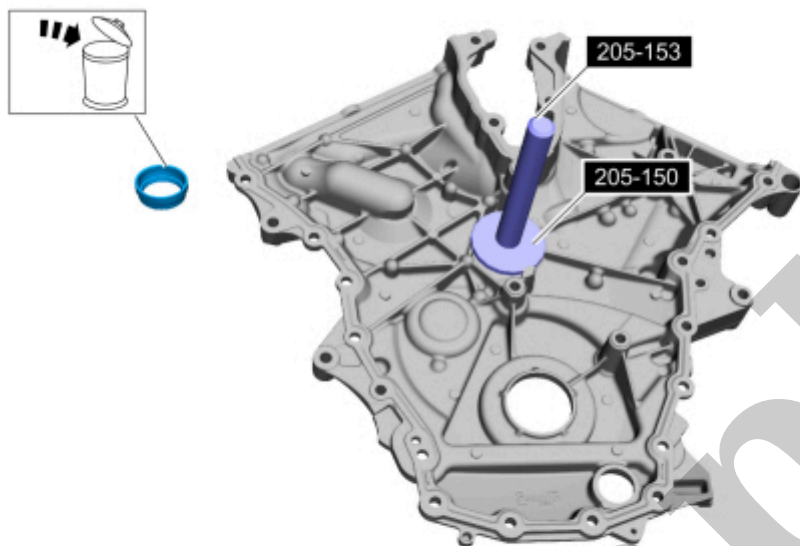
19. Remove the transmission cooler bracket stud.



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22. Using the special tools, remove the engine front cover to coolant pipe seal and discard.

**Use Special Service Tool** : 205-150 (T80T-4000-S) Installer, Spindle Bearing , 205-153 (T80T-4000-W) Handle



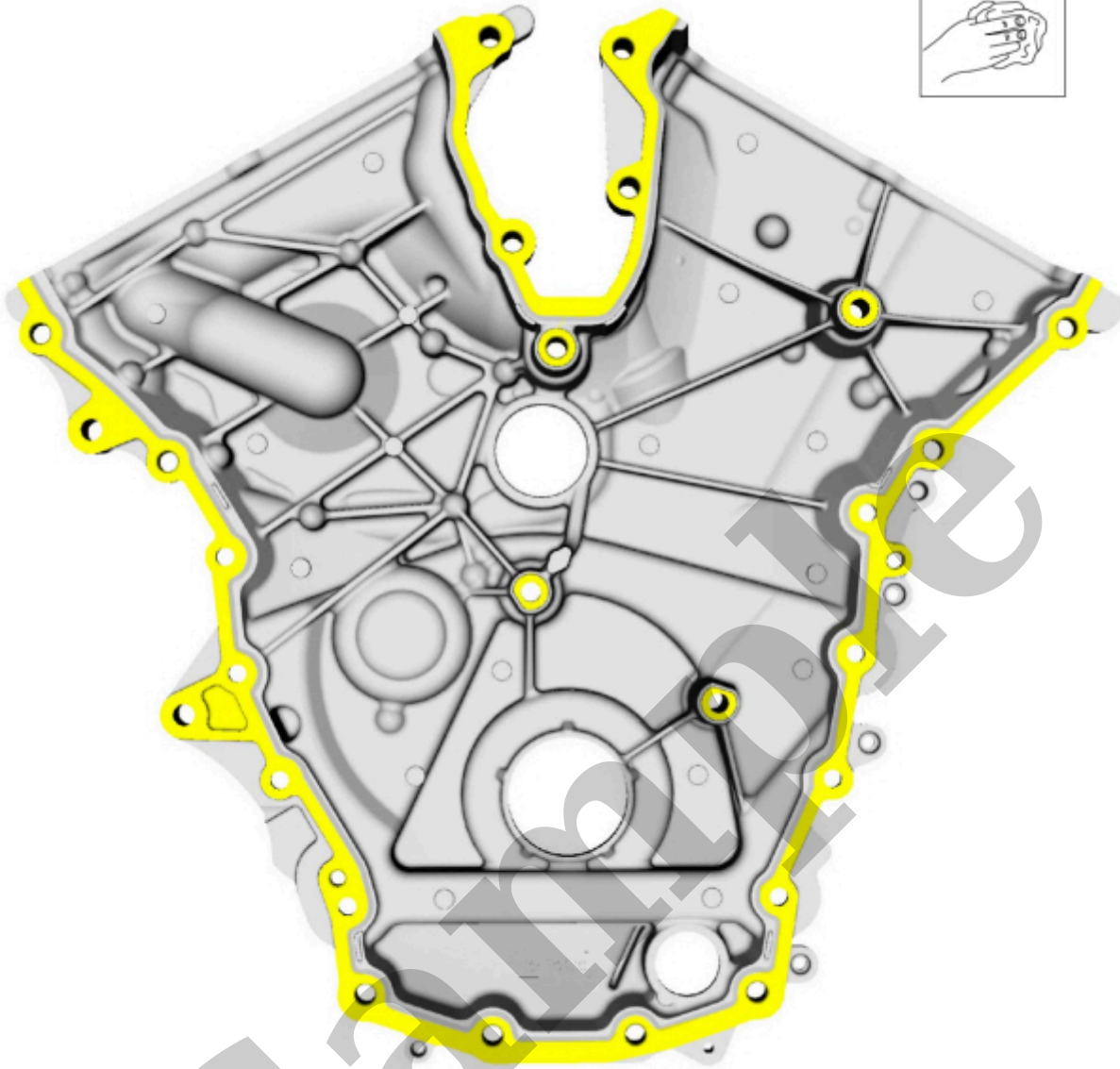
E339027

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23. Using the special tools, remove and discard the oil pump electrical connector seal and discard.

**Use Special Service Tool** : 205-153 (T80T-4000-W) Handle

**Install Special Service Tool** : 205-142 (T80T-4000-J) Installer, Differential Bearing Cone



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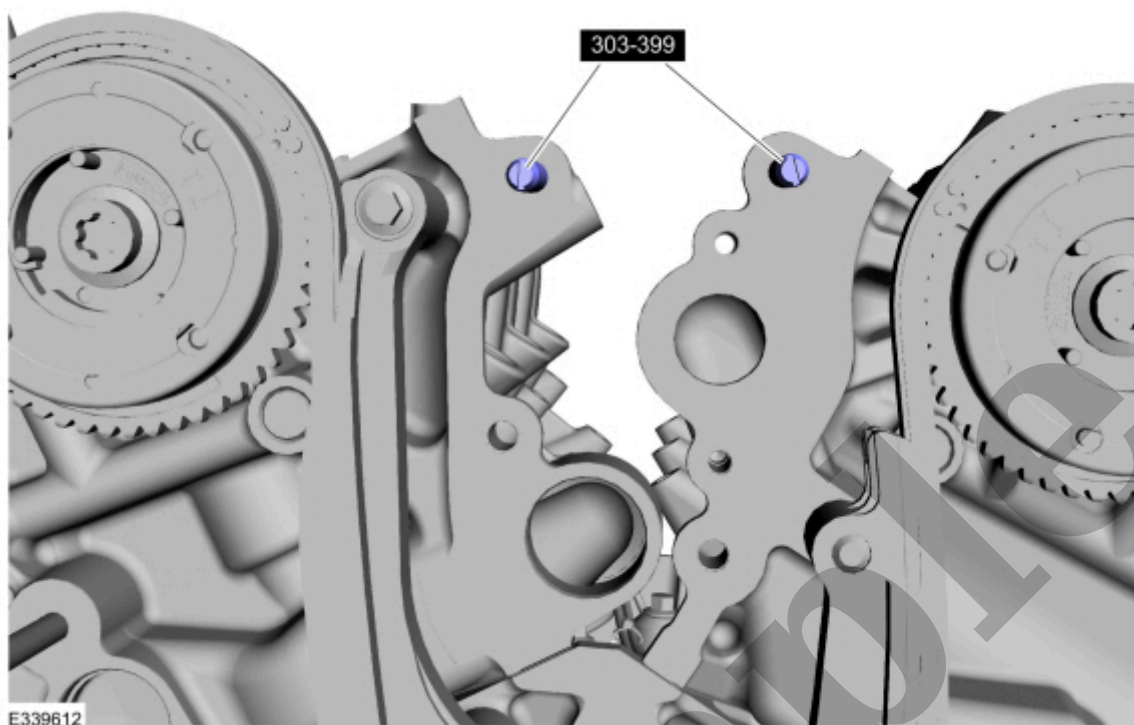
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2. Clean and prepare the RTV sealing surface.

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

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

4. **Install Special Service Tool** : 307-399 Alignment Pins, Transmission Fluid Pump



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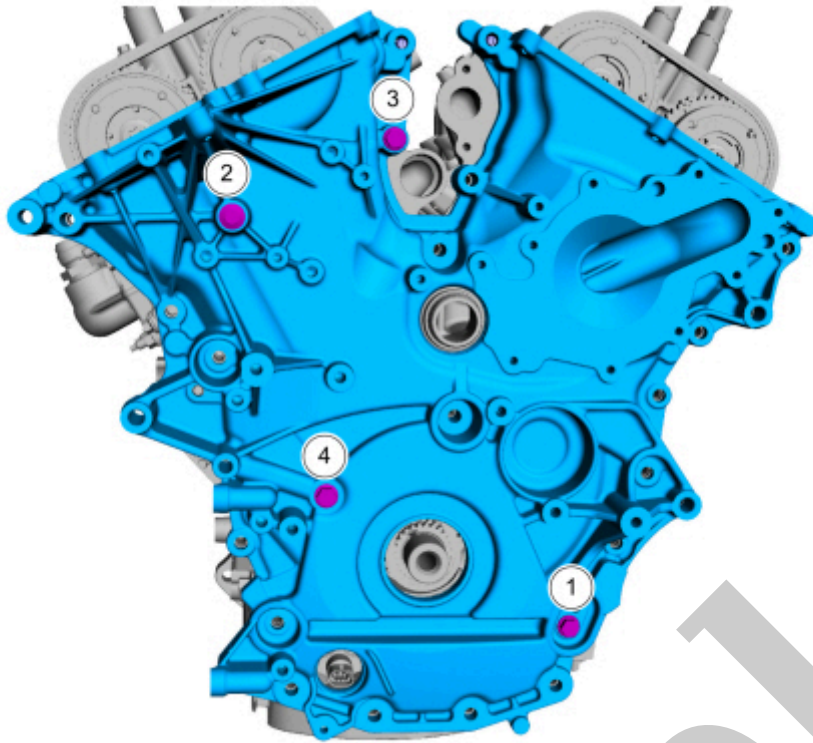
5. • **NOTICE**

Failure to use Motorcraft® High Performance Engine RTV Silicone may cause the engine oil to foam excessively and result in serious engine damage.

**NOTE**

The engine front cover and the 6 bolts must be installed within 4 minutes of the initial sealant application. The remainder of the engine front cover bolts must be installed and tightened within 35 minutes of the initial sealant application. If the time limits are exceeded, the sealant must be removed, the sealing area cleaned and sealant reapplied. To clean the sealing area, use silicone gasket remover and metal surface prep. Failure to follow this procedure can cause future oil leakage.

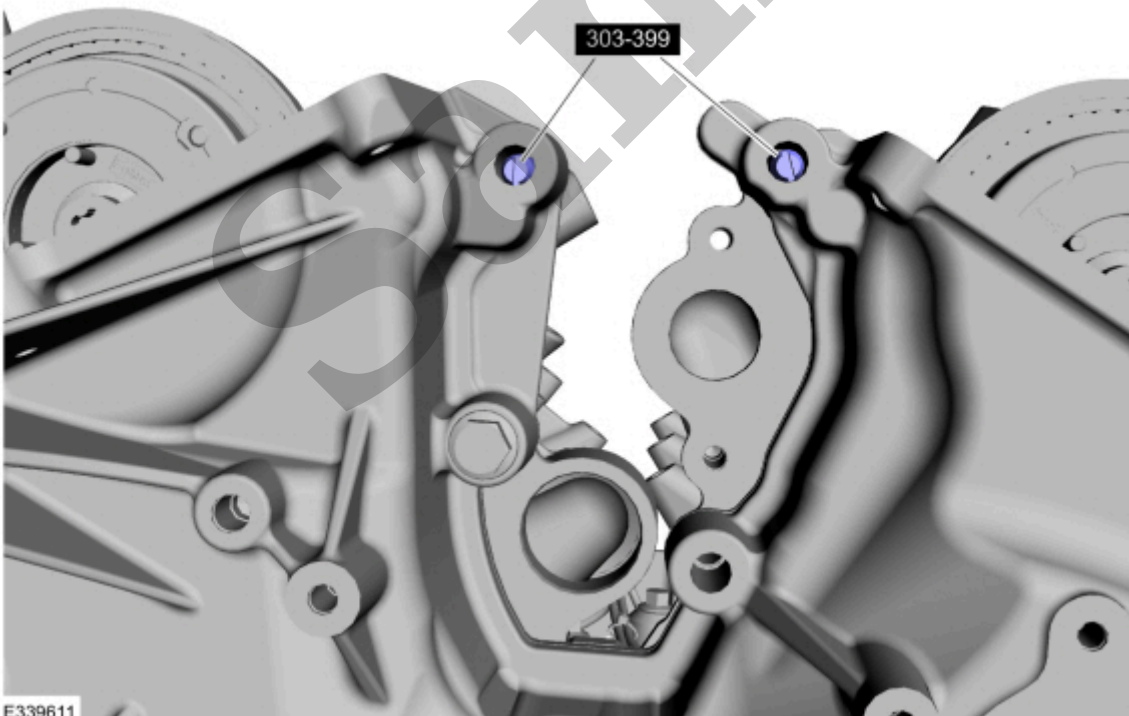
Apply a 4.5 mm (0.18 in) bead of Motorcraft® High Performance Engine RTV Silicone to the engine front cover sealing surfaces including the inner bolt bosses.



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7. **Remove Special Service Tool** : 307-399 Alignment Pins, Transmission Fluid Pump

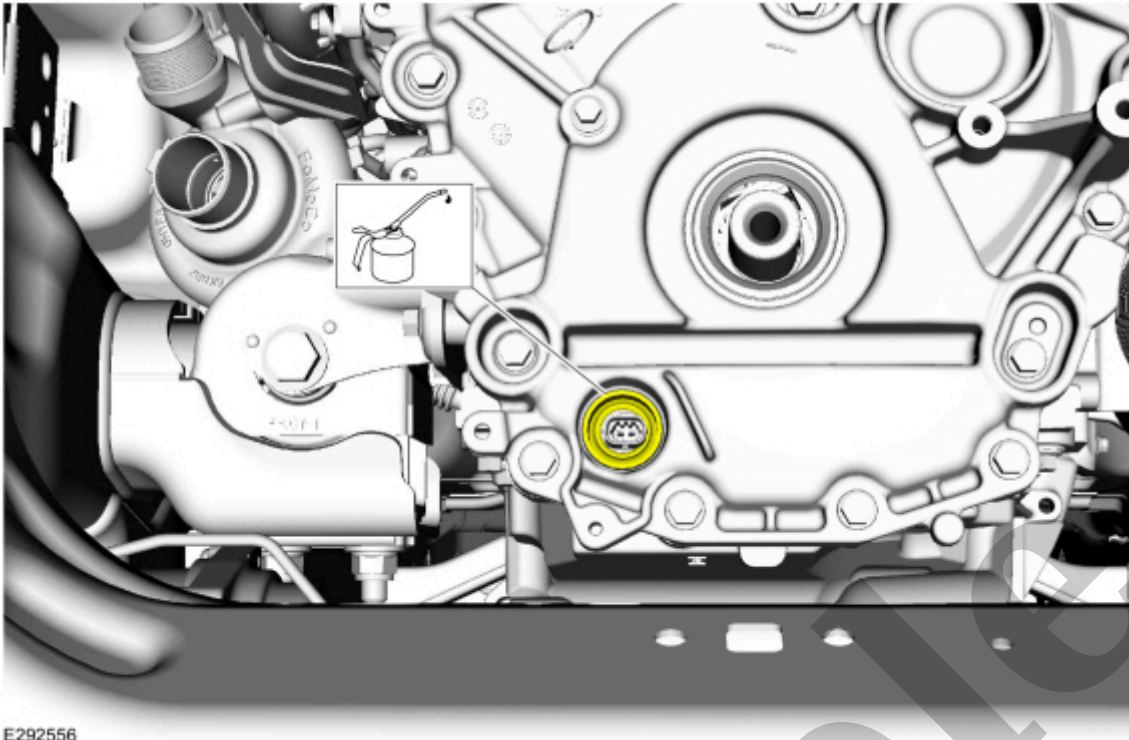


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8. Install the engine front cover bolts. Tighten in the sequence shown in 2 stages.





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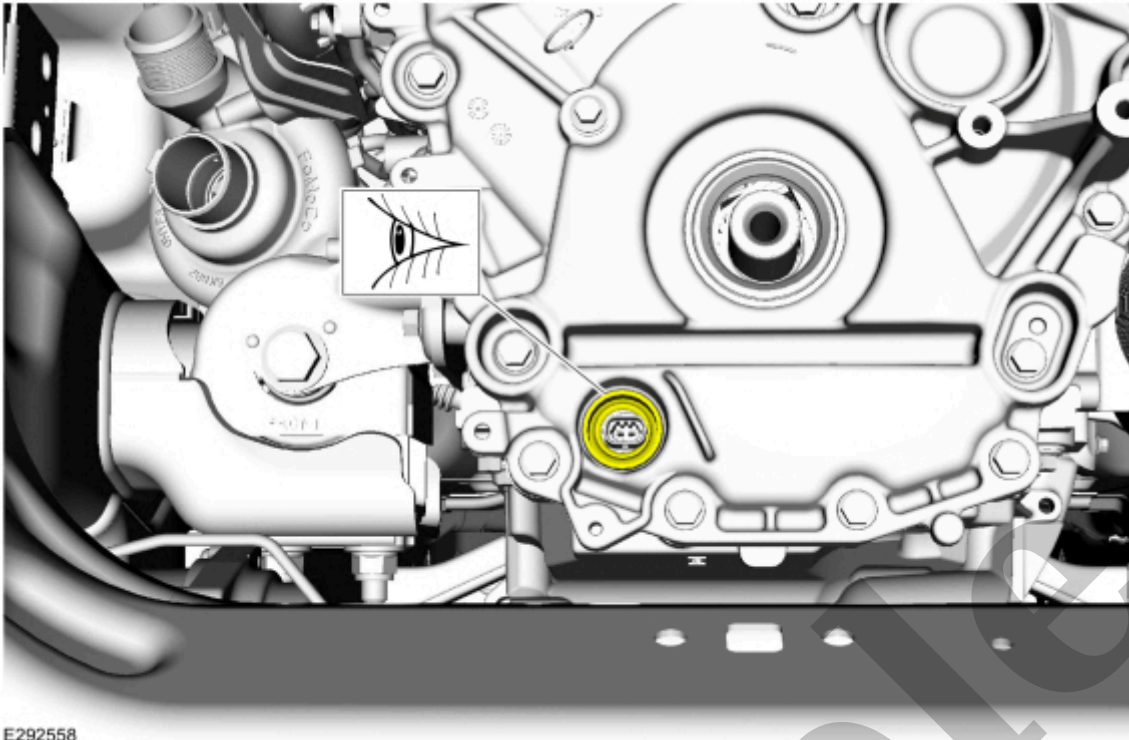
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#### 10. NOTICE

If the oil pump electrical connector seal is not properly installed, it may result in oil leakage.

Using the special tool, install the oil pump electrical connector seal.

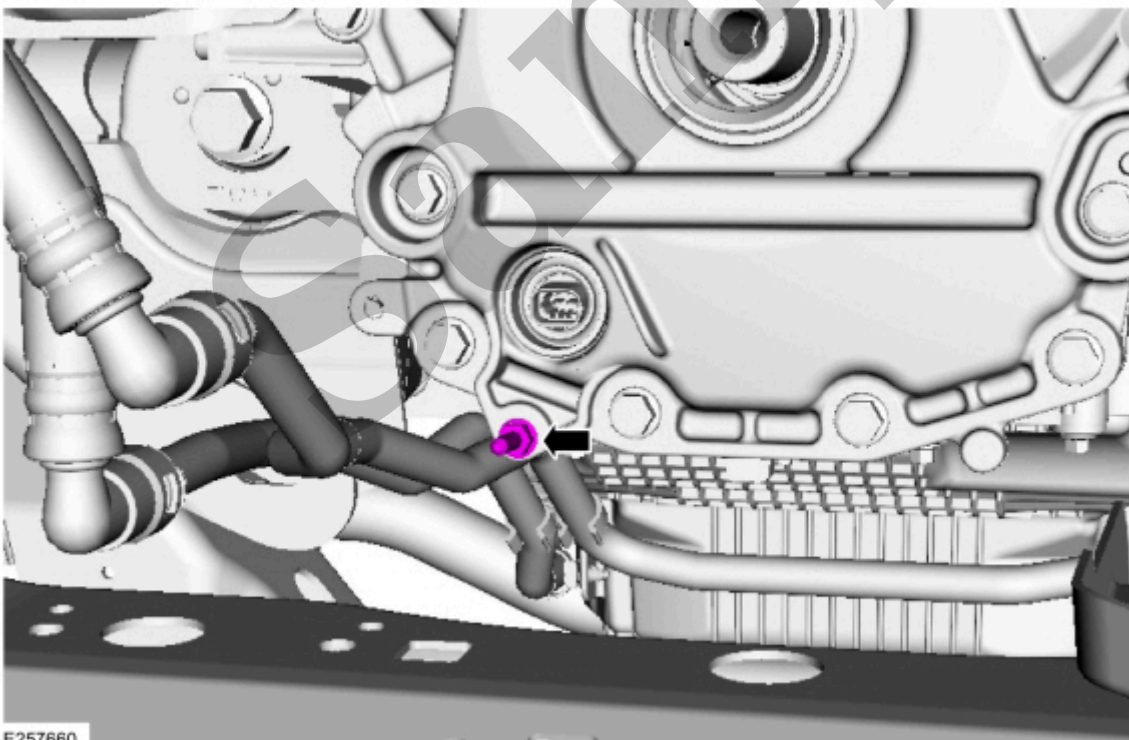
**Install Special Service Tool** : 303-1663 Installer, VDOP Seal



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12. Install the transmission cooler bracket stud.



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13. Position back the engine wiring harness.