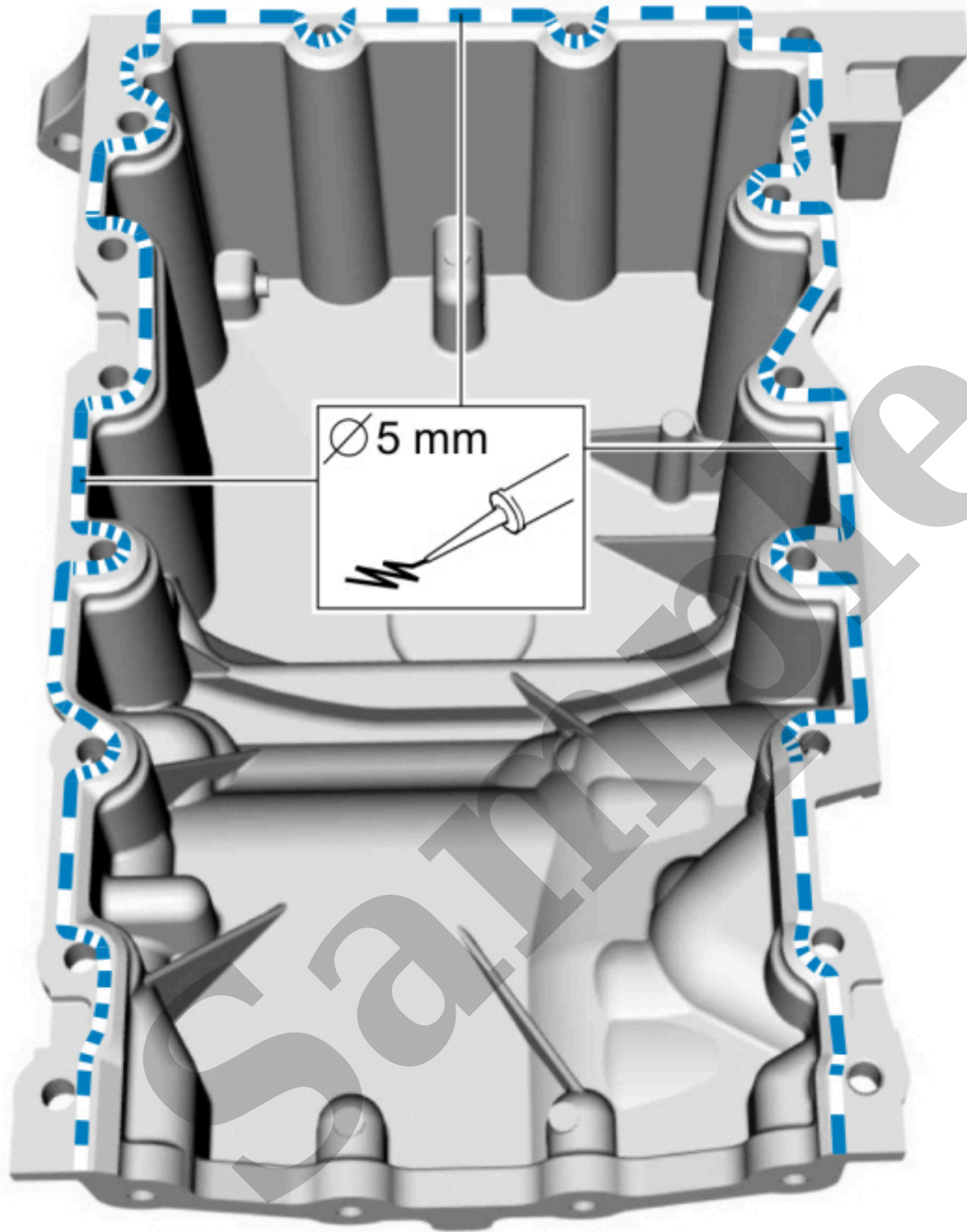


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2013 Ford Expedition Service and Repair Manual

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3. Apply a 9 mm (0.35 in) bead of Motorcraft® High Performance Engine RTV Silicone to the 2 crankshaft seal retainer plate-to-cylinder block joint areas on the sealing surface of the oil pan.

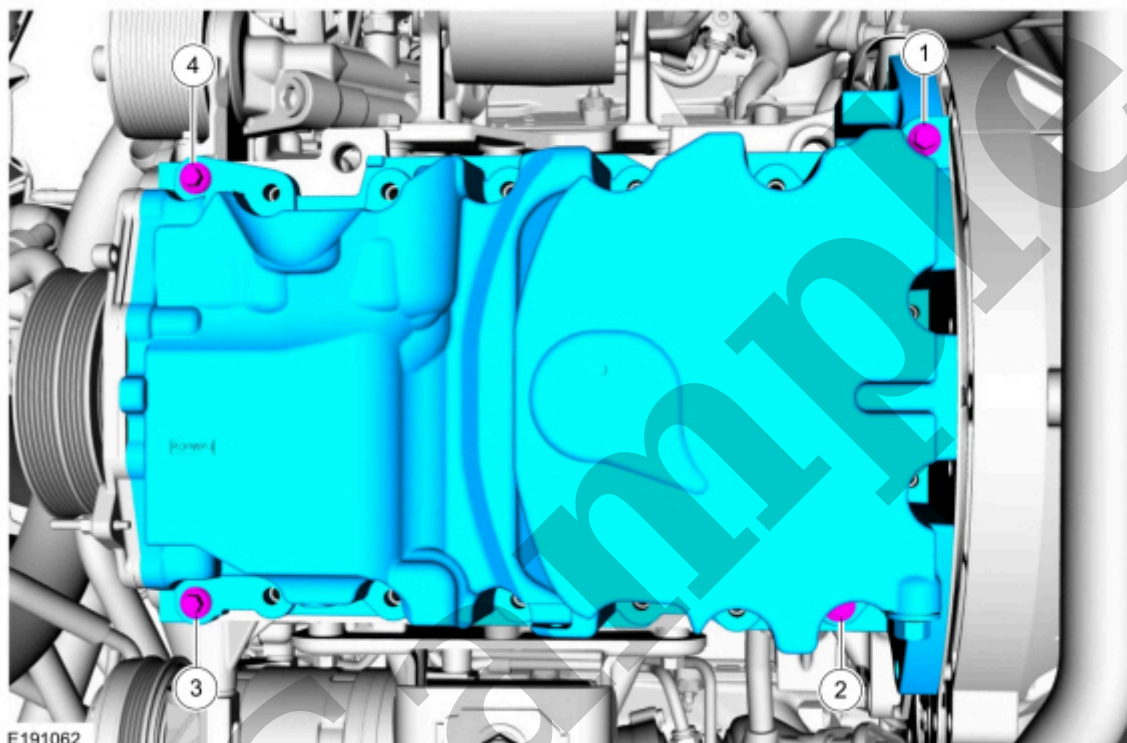
Material : Motorcraft® High Performance Engine RTV Silicone / TA-357 (WSE-M4G323-A6)

The oil pan and the specified bolts must be installed within 4 minutes of the start of sealant application.

NOTE

Keep the oil pan as close as possible to the transmission while installing, then slide forward towards the engine front cover to prevent wiping off of the sealant.

Install the oil pan and the bolts finger tight.



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5. NOTE

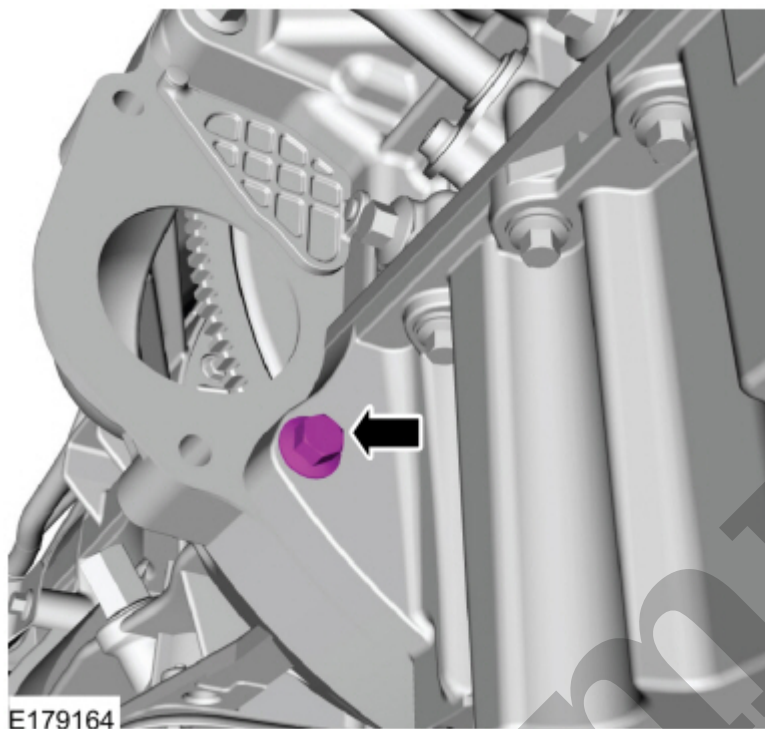
Do not torque at this time.

Draw the transmission and engine together using the bolts.

7. **NOTE**

Do not torque at this time.

Install the oil pan bolt.



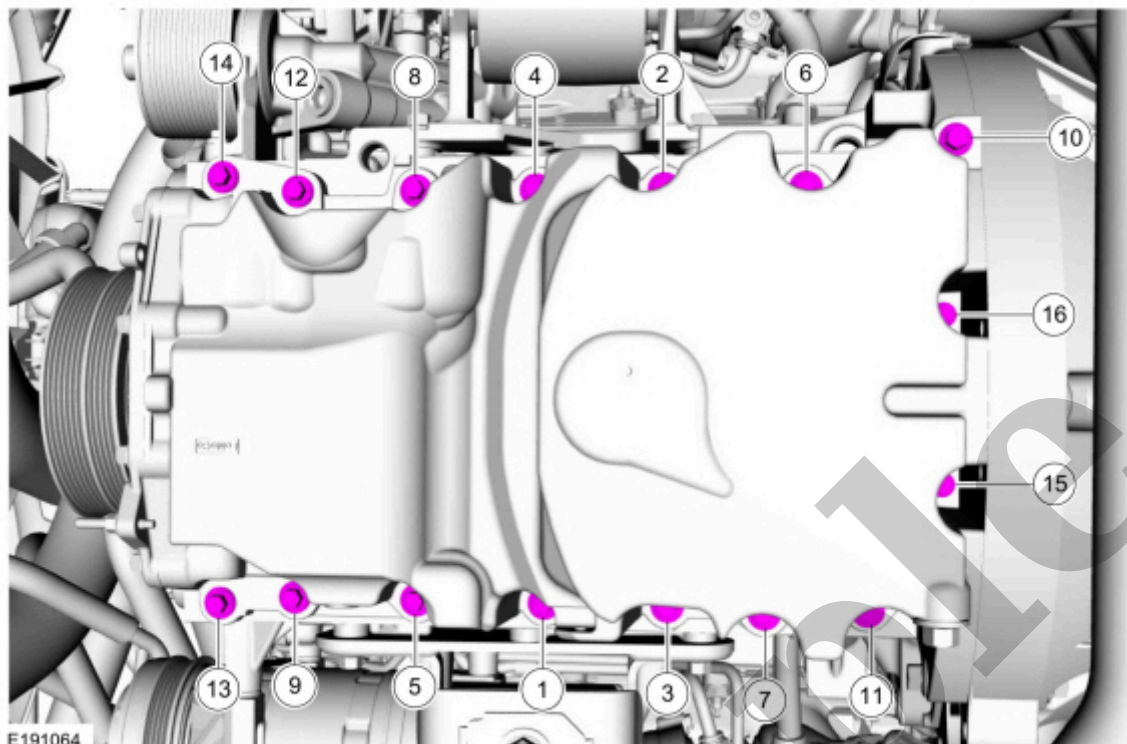
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8. Tighten the oil pan bolts.

Torque : 27 lb.in (3 Nm)

Stage 5: Tighten bolts 15 and 16 to : 89 lb.in (10 Nm)

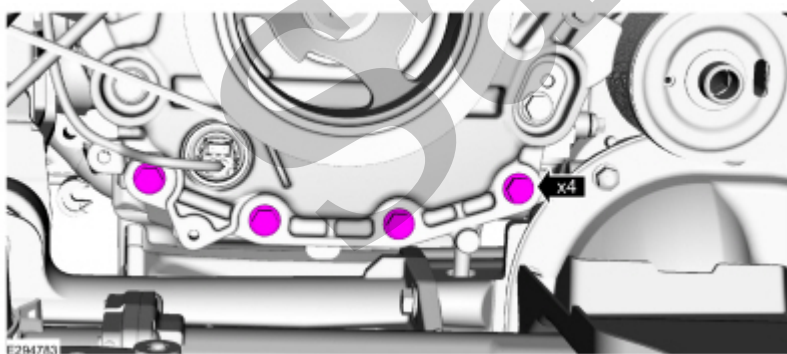
Stage 6: Tighten bolts 15 and 16 an additional : 45°



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11. Tighten the engine front cover bolts.

Torque : 18 lb.ft (24 Nm)



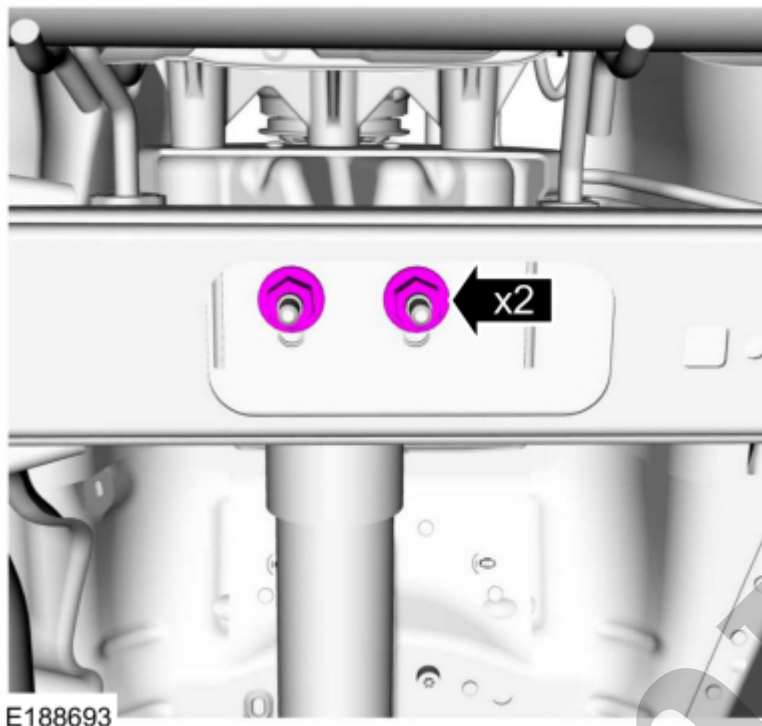
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12. Tighten the oil pan and bellhousing bolts.

Torque : 35 lb.ft (48 Nm)

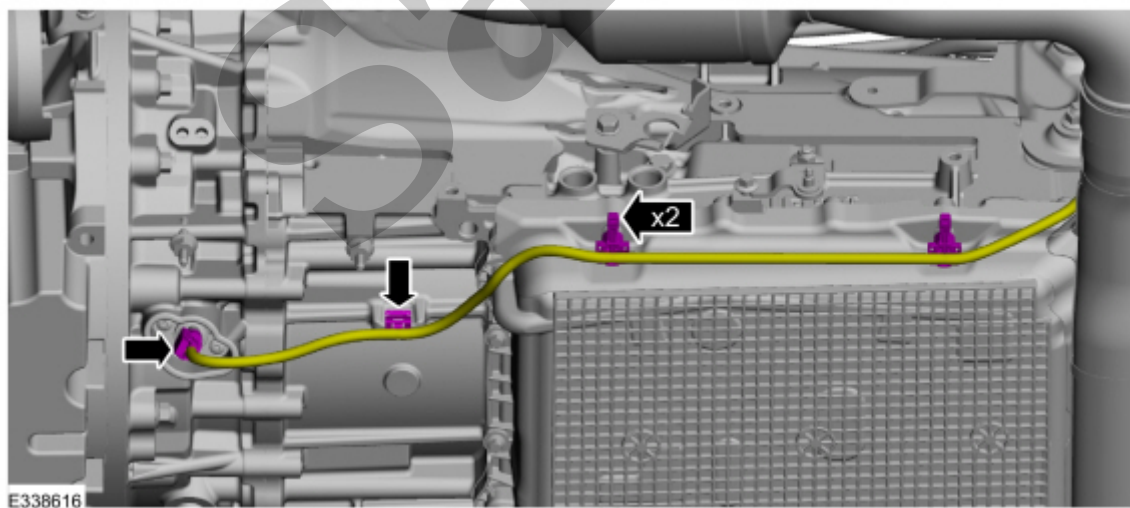
14. Remove and discard the transmission mount-to-crossmember nuts. Install new transmission mount-to-crossmember nuts.

Torque : 85 lb.ft (115 Nm)



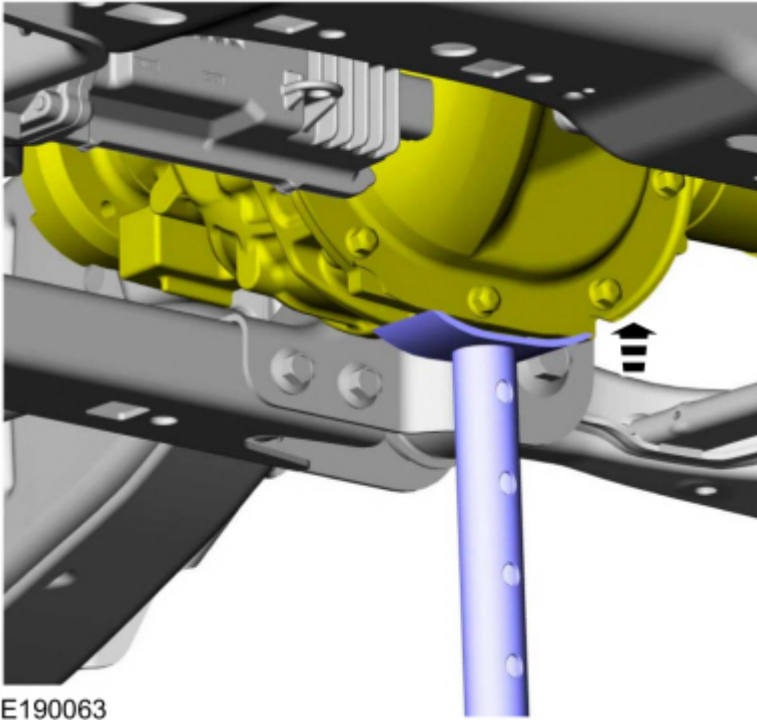
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15. Connect the engine clutch pressure sensor and attach the wiring harness to the transmission.



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16. Attach the generator wiring harness retainer to the engine block.



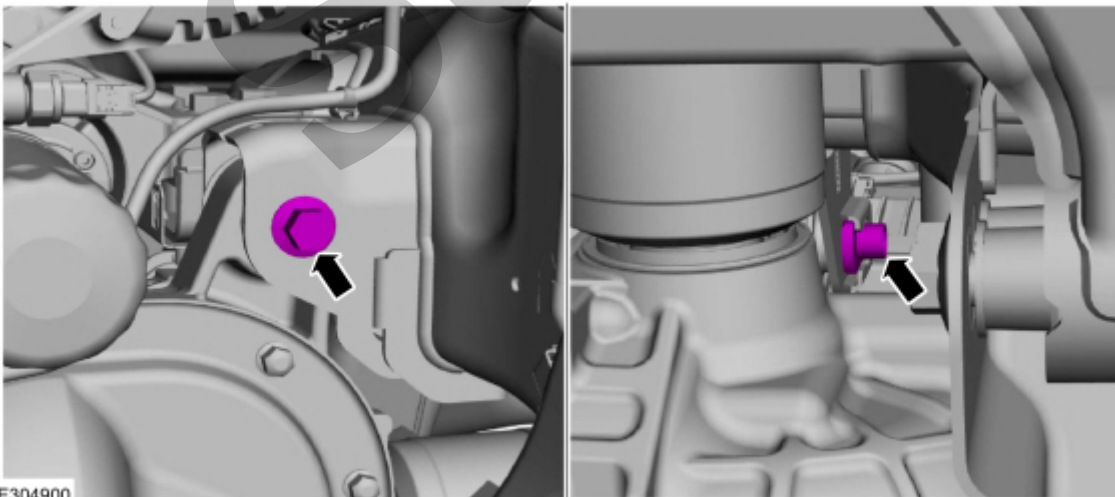
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18. **NOTE**

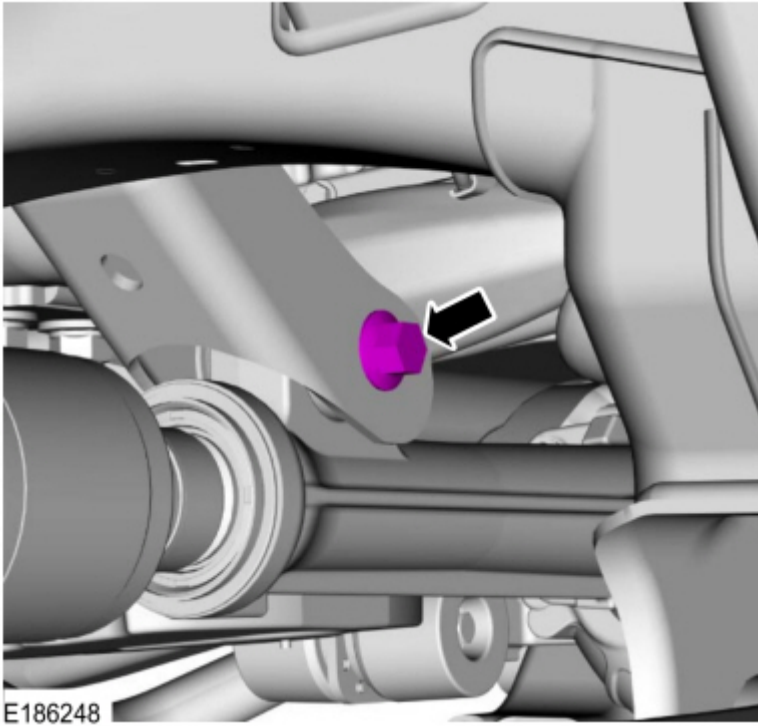
It may be necessary to reposition the axle assembly to prevent interference with the steering components when installing the bolt.

Install the new upper front axle carrier mounting bushing nut and the bolt finger tight.



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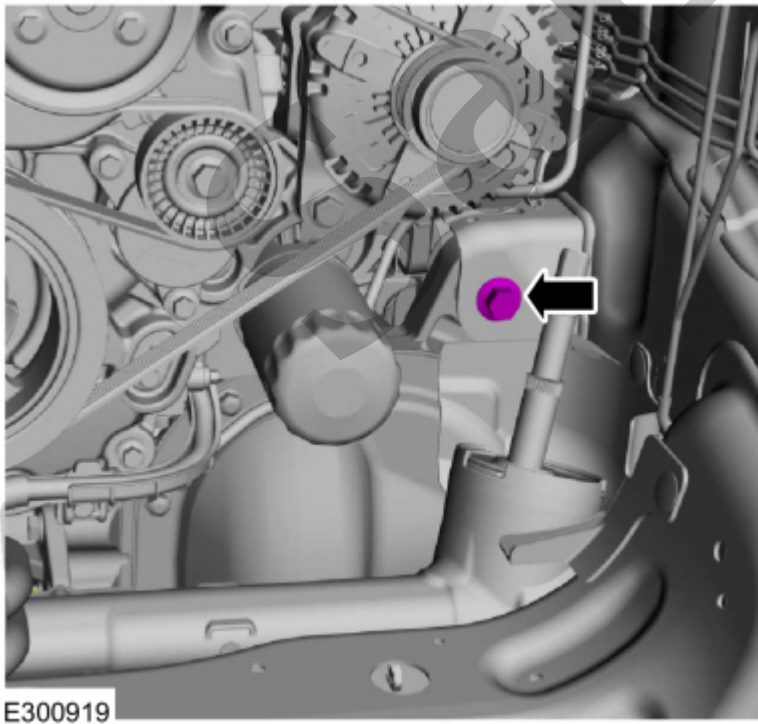
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22. Tighten the upper front axle carrier mounting bushing bolt.

Torque : 129 lb.ft (175 Nm)



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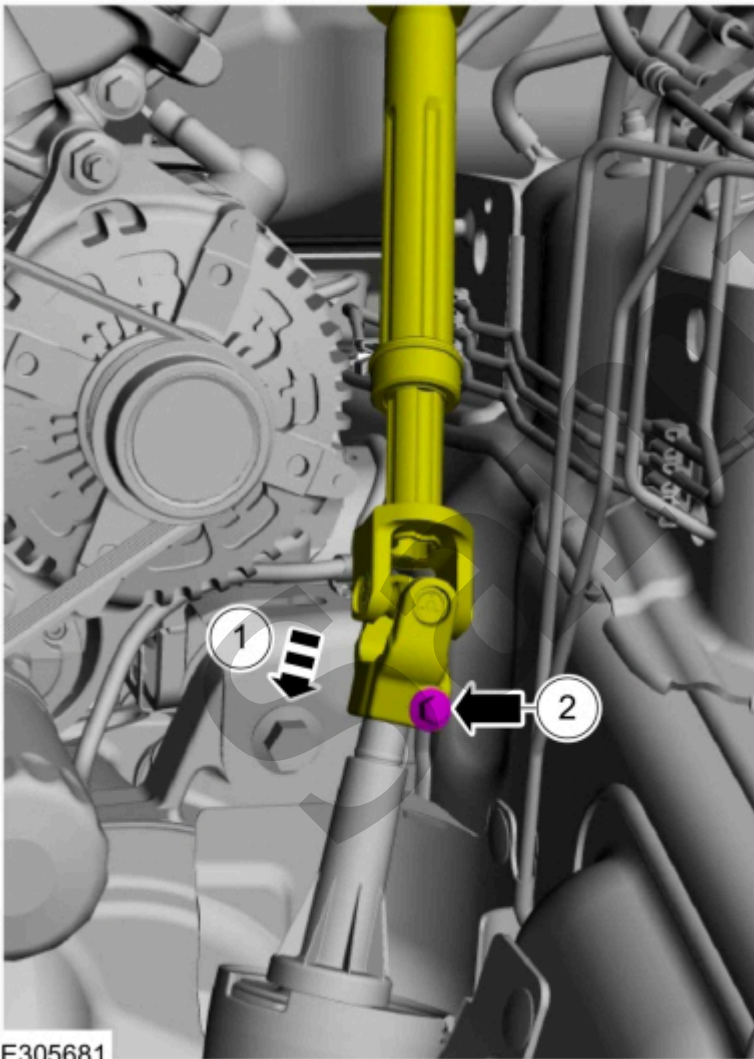
25. 1. Position back the steering column shaft U-joint to the steering gear.

2. **WARNING**

Install a new steering column shaft bolt. Reuse could result in bolt failure and loss of vehicle control. Failure to follow this instruction may result in serious injury to vehicle occupant(s).

Install a new steering column shaft bolt.

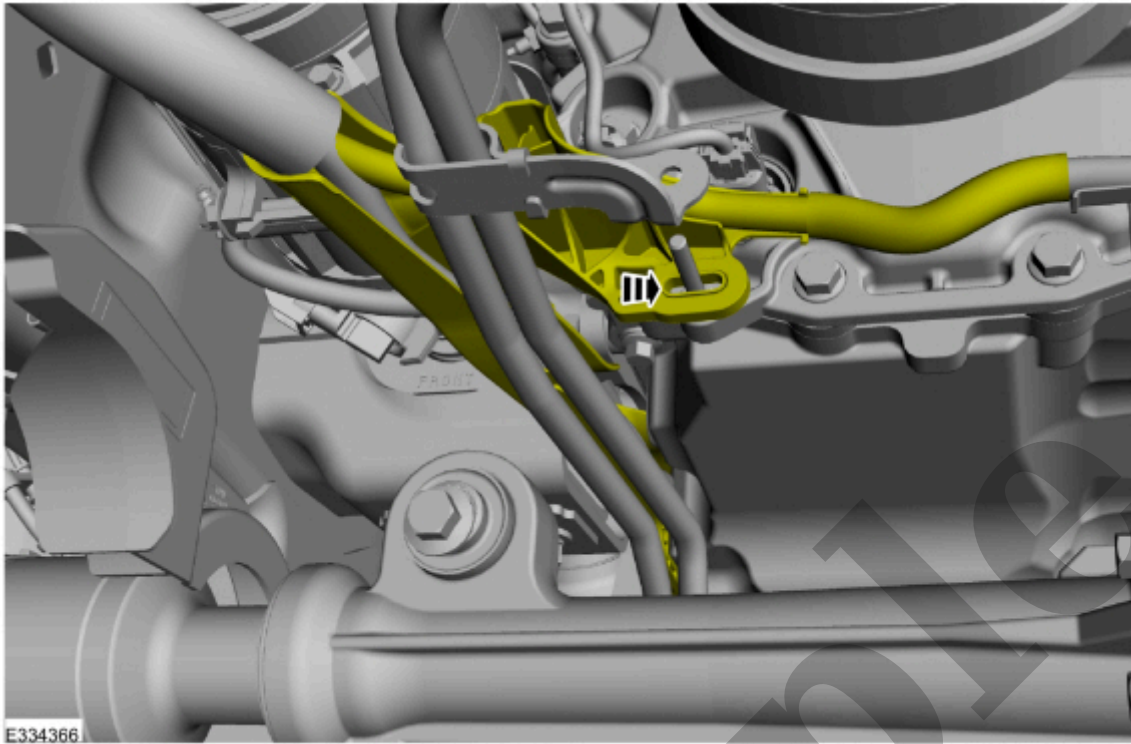
Torque : 22 lb.ft (30 Nm)



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26. Remove the holding device from the steering wheel.

28. Position back the engine wiring harness.



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29. Position back the engine wire harness. Position back the transmission cooler tube bracket and install the nut.

Torque : 106 lb.in (12 Nm)