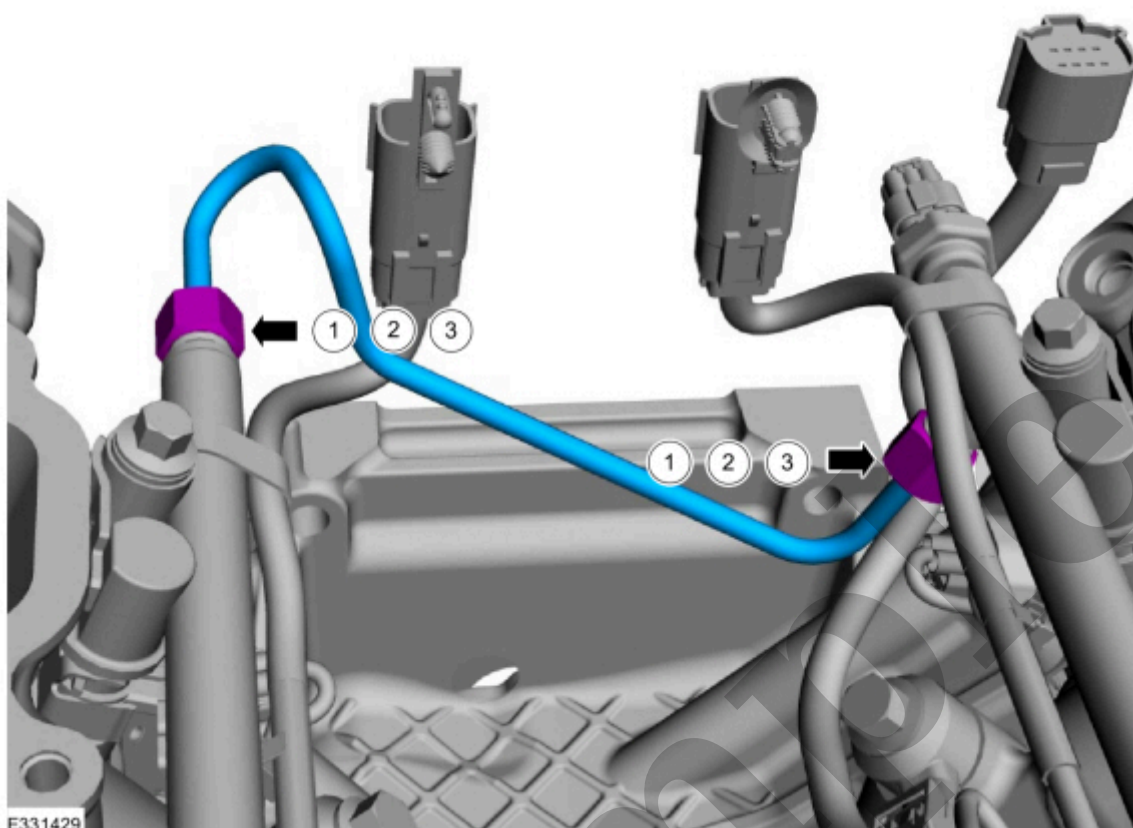


Your Ultimate Source for OEM Repair Manuals

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.

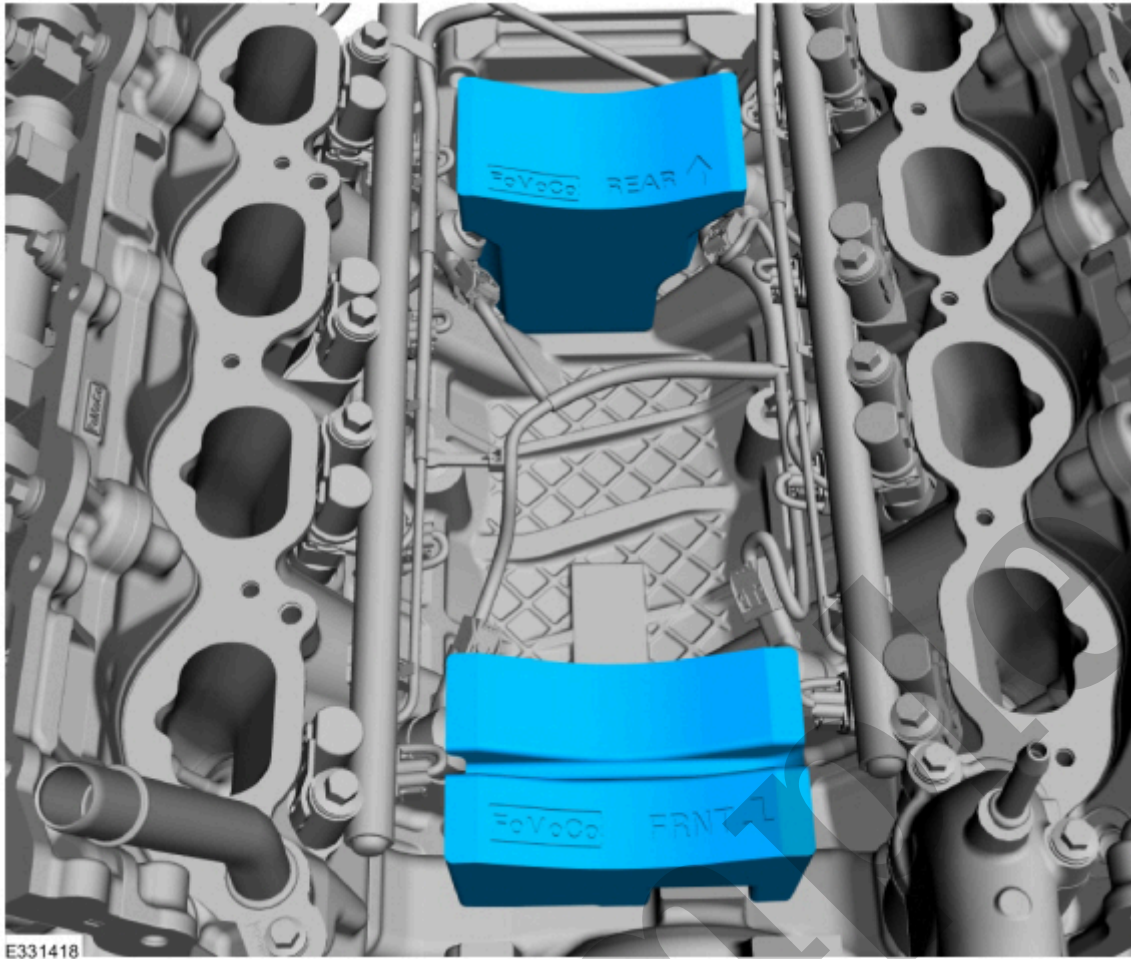
2015 Ford Expedition Service and Repair Manual

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4. Connect the fuel rail electrical connector.



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6. Install the following items:

1. Refer to: [Exhaust Manifold RH](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).
2. RH (right-hand) hydraulic lash adjusters.

Refer to: [Hydraulic Lash Adjuster](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

7. Replace the engine oil filter and engine oil.

Refer to: [Engine Oil Draining and Filling](#)(303-01E Engine - 5.0L 32V Ti-VCT, General Procedures).

8. Connect the battery ground cable.

Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).

9. Pressurize the fuel system.

Refer to: [Fuel System Pressure Release](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).



Engine Front Cover - Vehicles With: Dual Generators

| | |
|---|--|
| 303-01E Engine - 5.0L 32V Ti-VCT | 2022 F-150 |
| Removal and Installation | Procedure revision date: 08/31/2022 |

Engine Front Cover - Vehicles With: Dual Generators

Removal

NOTICE

During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

1. With the vehicle in NEUTRAL, position it on a hoist.

Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. Release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

3. Disconnect the battery ground cable.

Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).

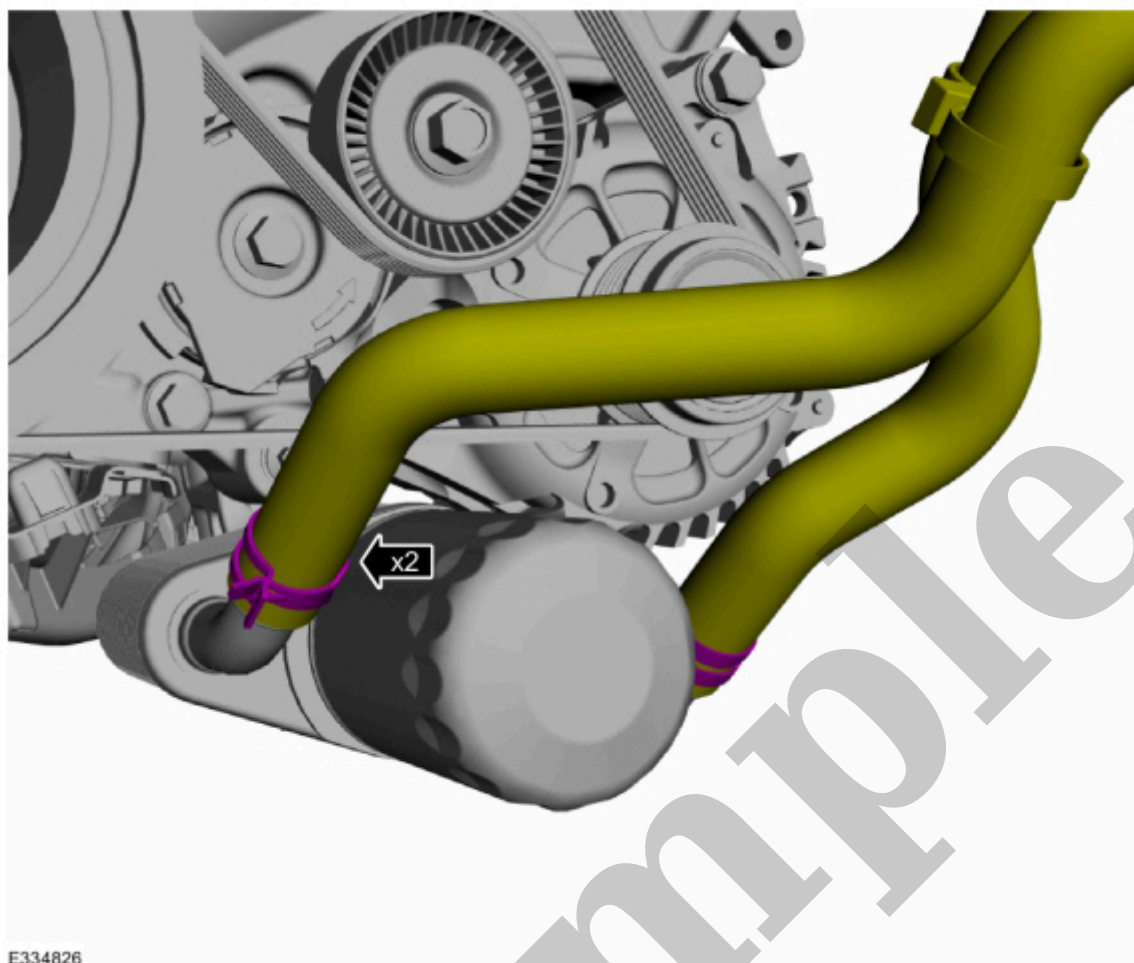
4. Drain the engine cooling system.

Refer to: [Engine Cooling System Draining, Vacuum Filling and Bleeding](#)(303-03E Engine Cooling - 5.0L 32V Ti-VCT, General Procedures).

5. Remove the following items:

1. Air cleaner outlet pipe.

7. Release the clamps and disconnect the coolant hoses.



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8. Remove the nut and the ground wire eyelet.

Refer to: [Accessory Drive Belt Tensioner](#)(303-05E Accessory Drive - 5.0L 32V Ti-VCT, Removal and Installation).

6. A/C (air conditioning) compressor belt.

Refer to: [Air Conditioning \(A/C\) Compressor Belt](#)(303-05E Accessory Drive - 5.0L 32V Ti-VCT, Removal and Installation).

7. A/C (air conditioning) compressor belt tensioner.

Refer to: [Air Conditioning \(A/C\) Compressor Belt Tensioner](#)(303-05E Accessory Drive - 5.0L 32V Ti-VCT, Removal and Installation).

8. Coolant pump.

Refer to: [Coolant Pump - Vehicles With: Dual Generators](#)(303-03E Engine Cooling - 5.0L 32V Ti-VCT, Removal and Installation).

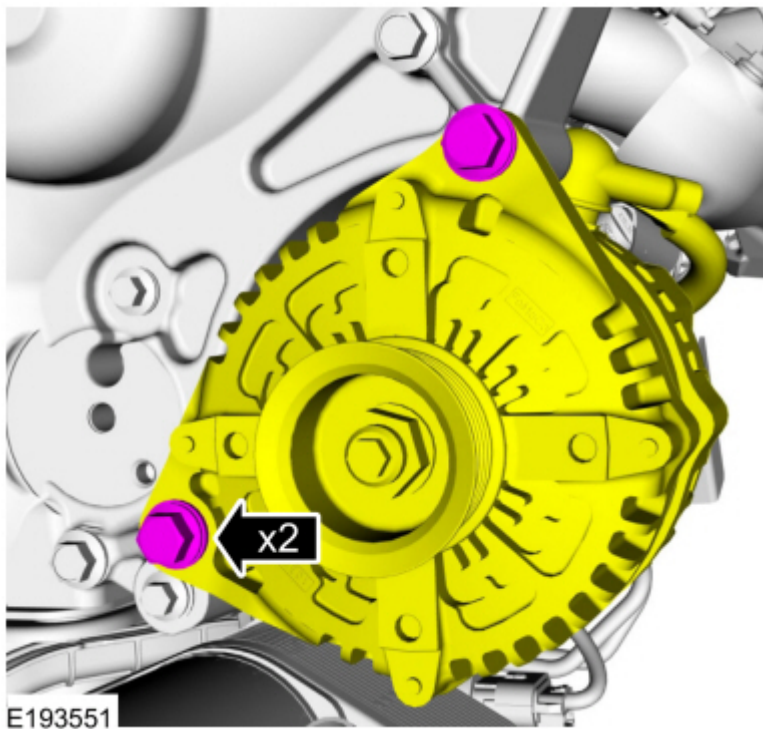
9. Crankshaft front seal.

Refer to: [Crankshaft Front Seal](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

10. RH (right-hand) valve cover.

Refer to: [Valve Cover RH](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

10. 1. Detach the wiring harness retainer.
2. Remove the bolt and position the wiring harness aside.

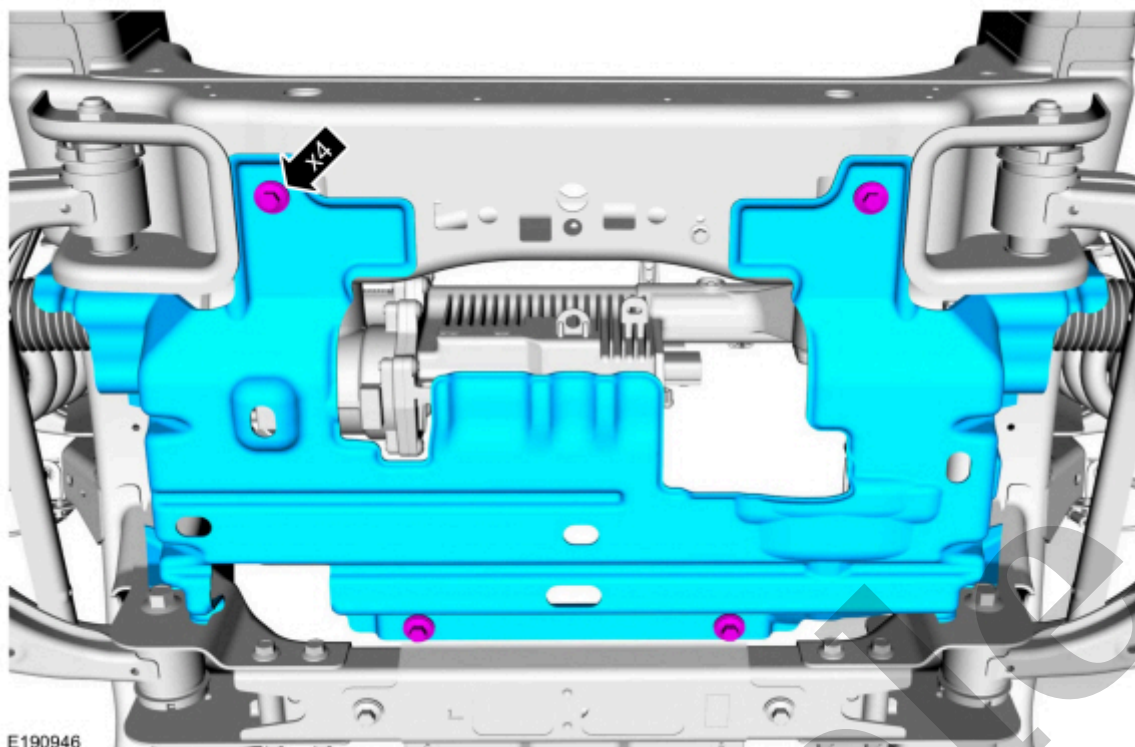


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12. **NOTE**

If equipped.

Remove the bolts and the skid plate.

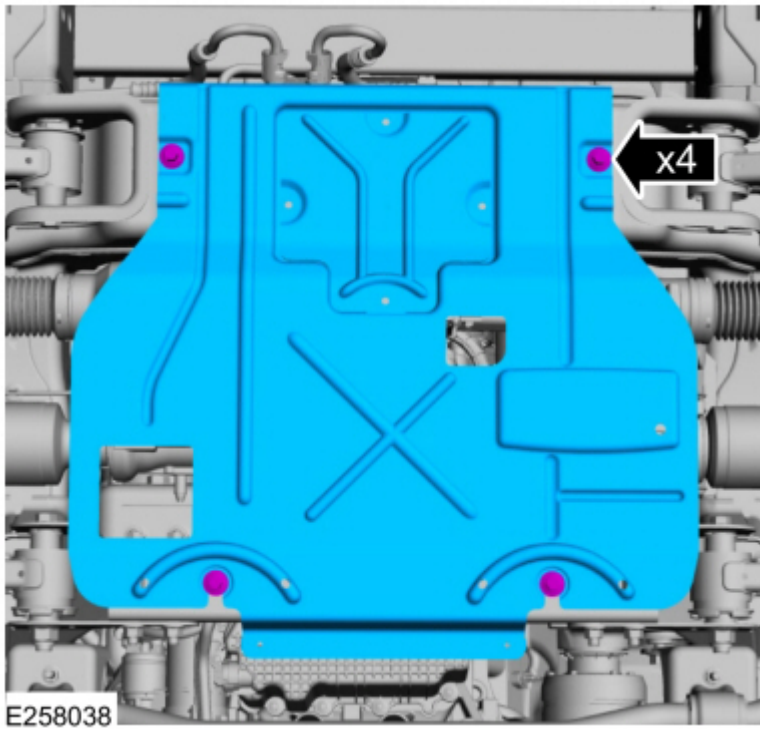


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14. **NOTE**

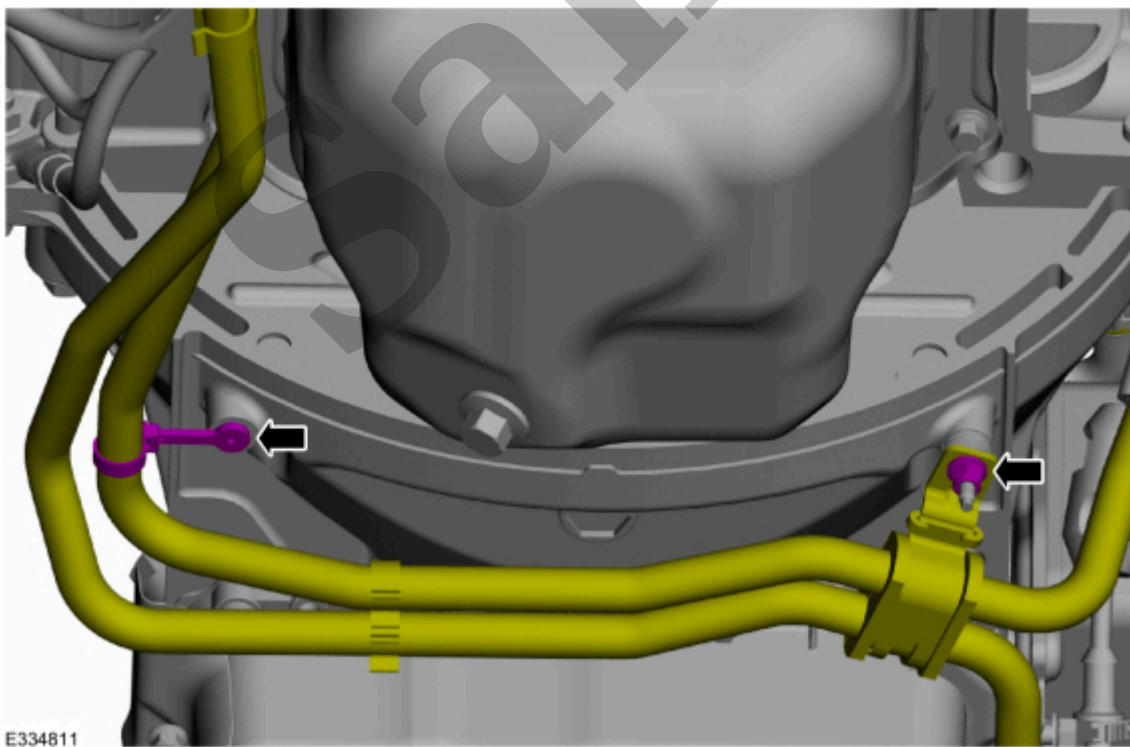
If equipped.

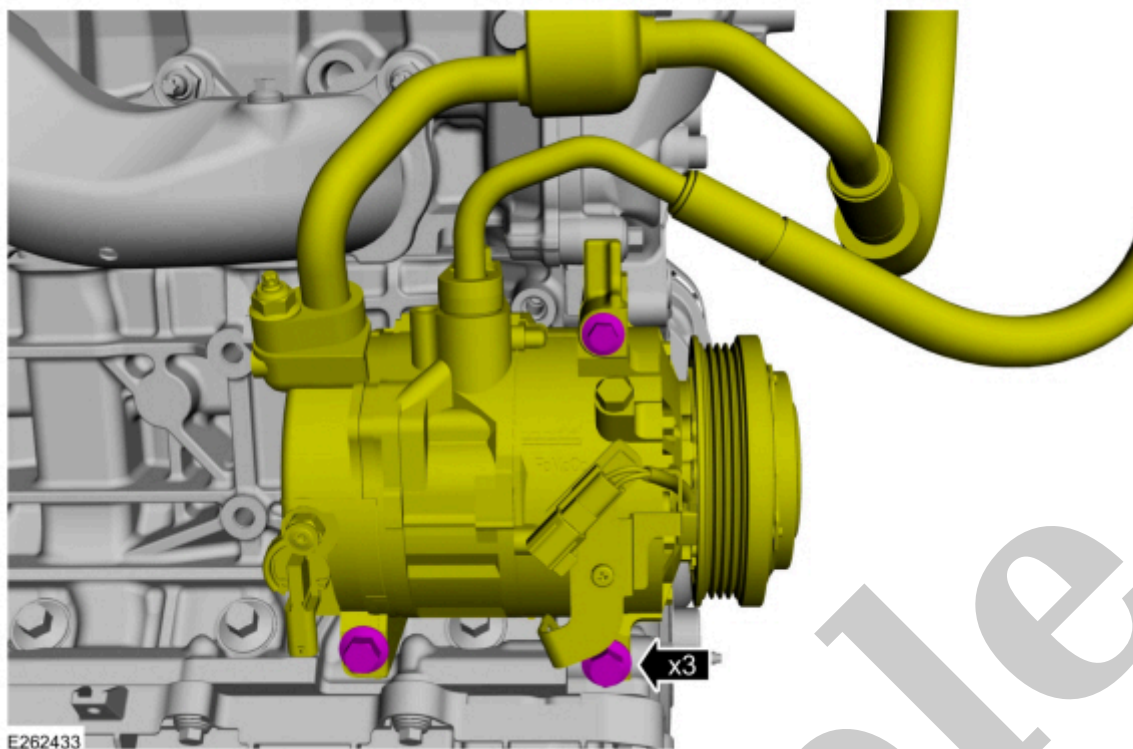
Remove the bolts and the underbody shield.



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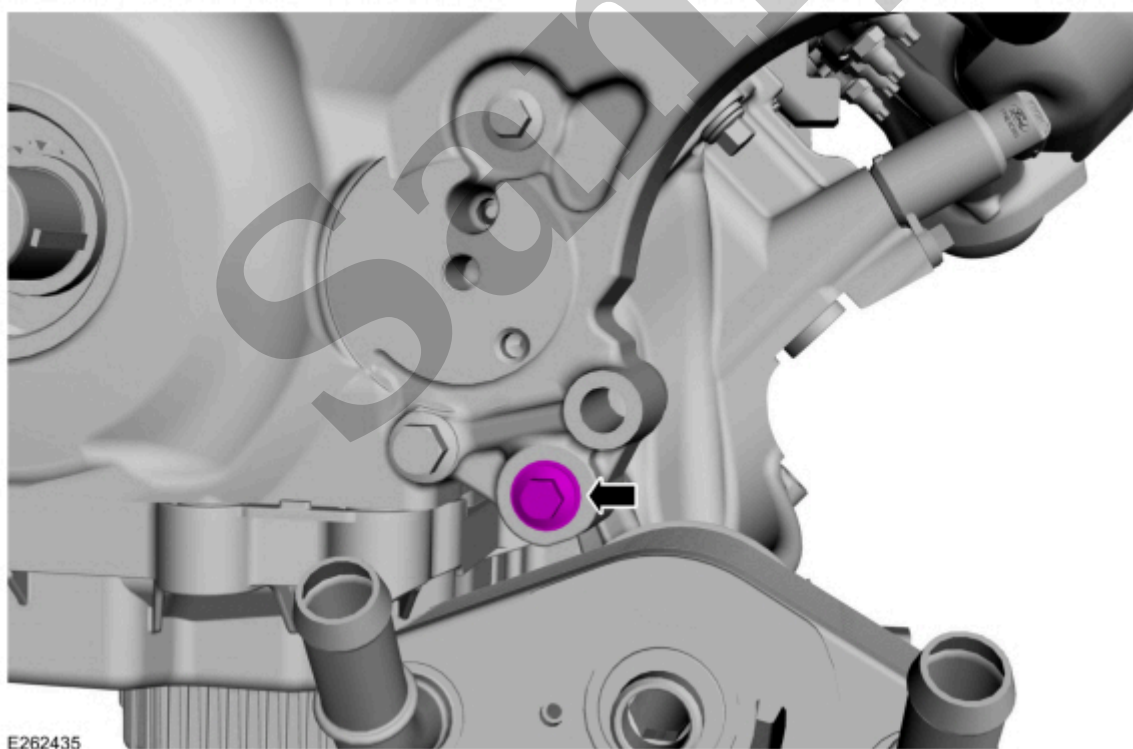
16.
 1. Detach the coolant tube retainer.
 2. Remove the nut and position the coolant tube and bracket aside.





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20. Remove the engine front cover-to-oil filter adapter bolt.



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