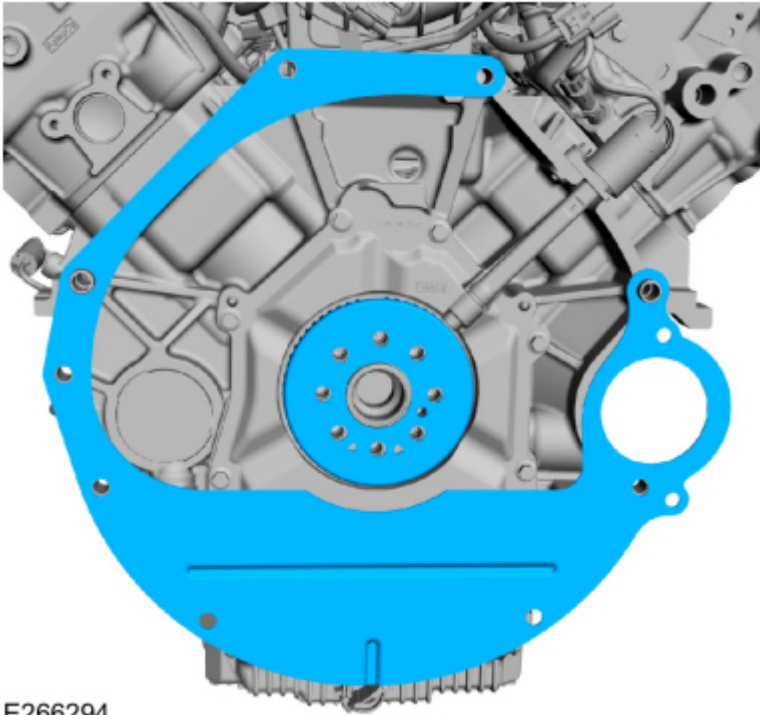


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2015 Ford Fiesta Service and Repair Manual

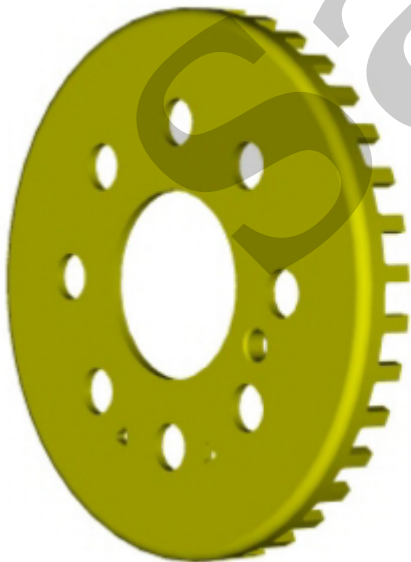
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E266294

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68. Inspect the crankshaft sensor ring for damage. If the crankshaft sensor ring has been dropped or has any visual damage, it must be replaced.



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Engine - Body On

303-01E Engine - 5.0L 32V Ti-VCT	2022 F-150
Removal	Procedure revision date: 10/27/2021

Engine - Body On

NOTE

It is recommended that this component be serviced with the vehicle body removed. If the body can be removed, refer to Engine - Body Off in this section.

All vehicles

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.

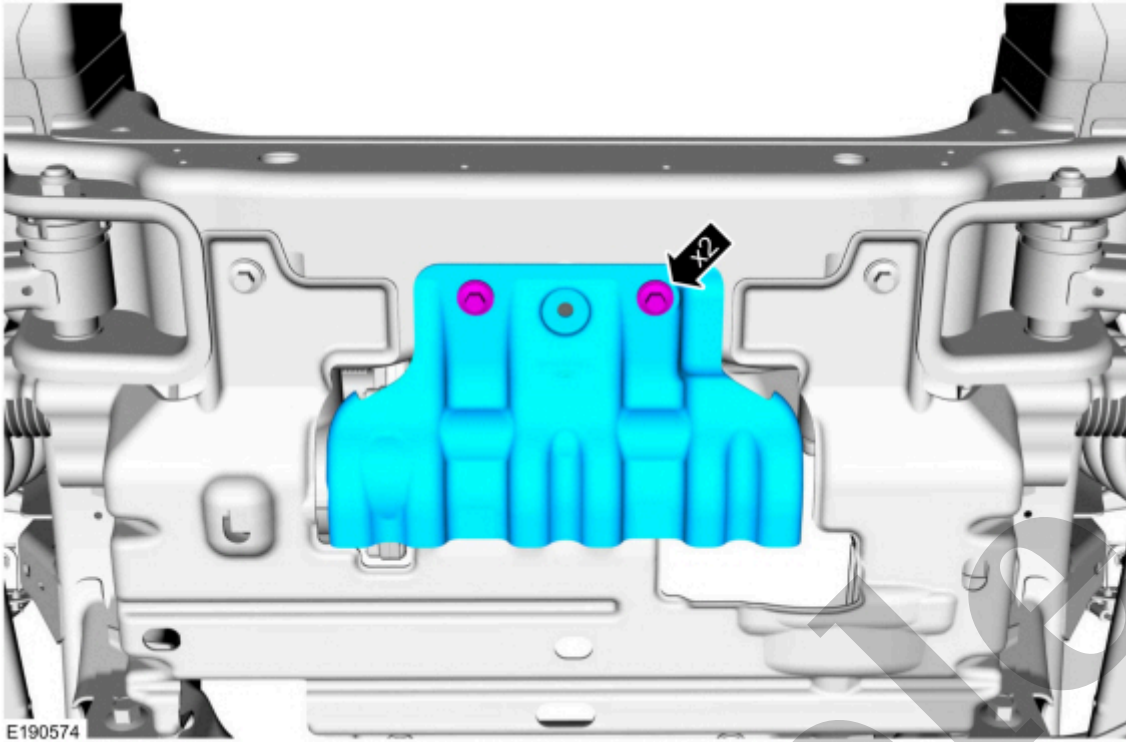
Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).

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. Hood.

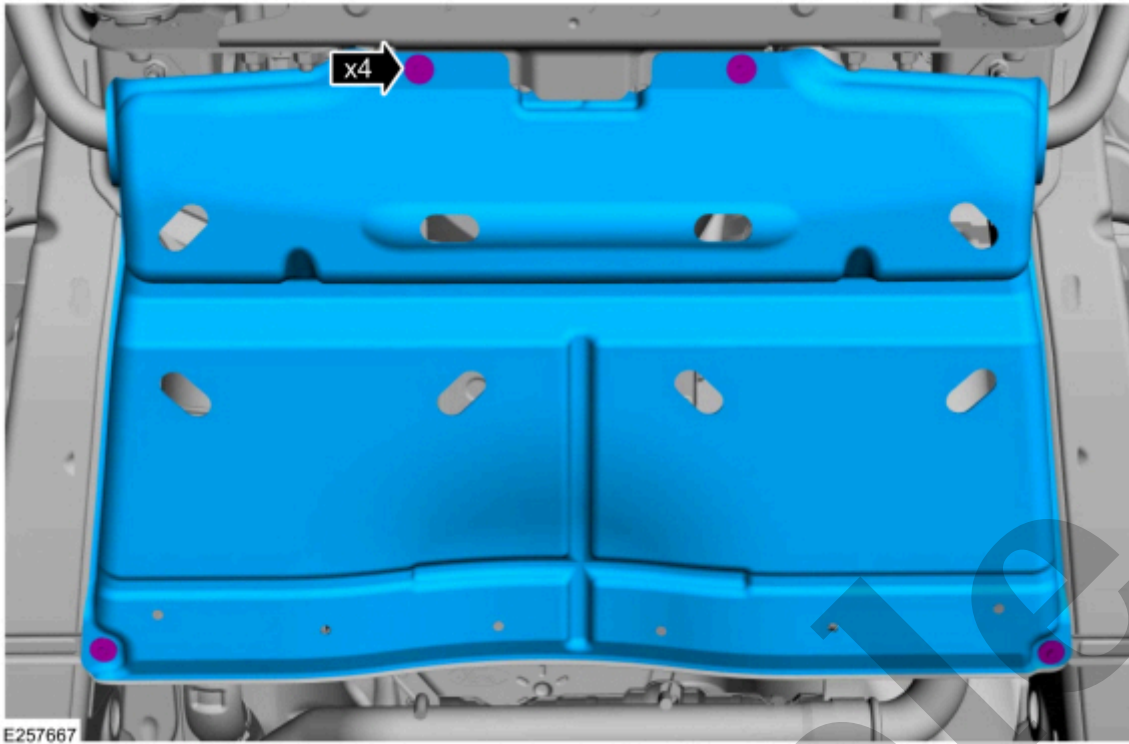


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7. **NOTE**

If equipped.

Remove the fasteners and the underbody shield.



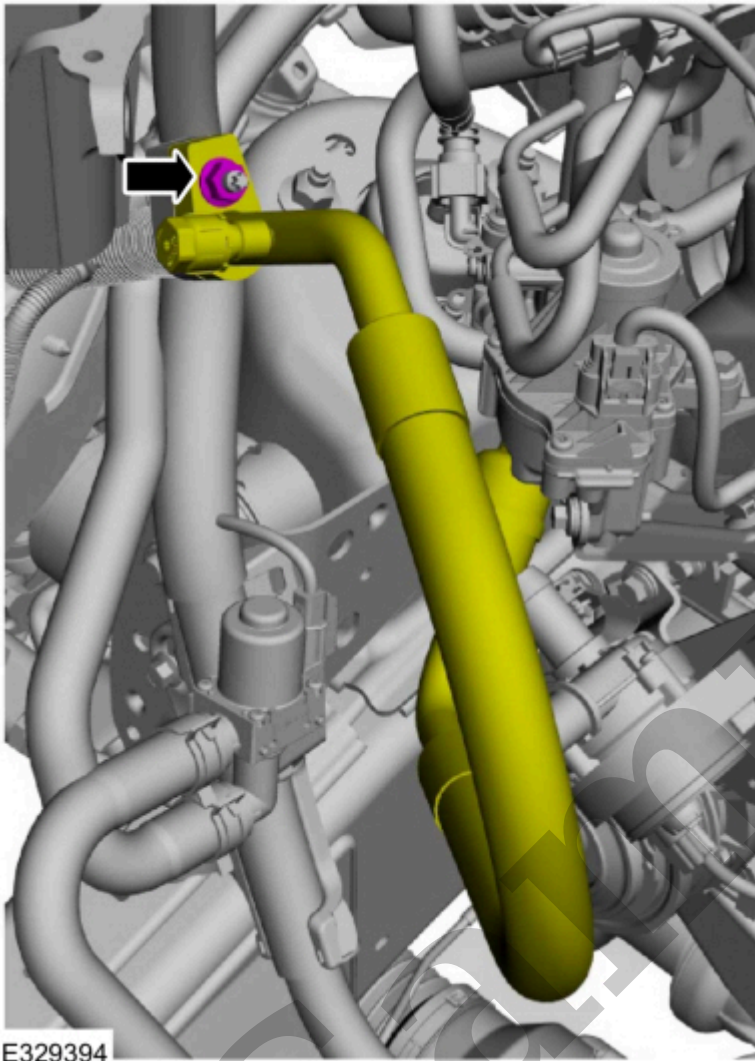
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9. **NOTE**

If equipped.

Remove the bolts and the skid plate.

- Discard the O-ring seal.
- Make sure that all openings are sealed.

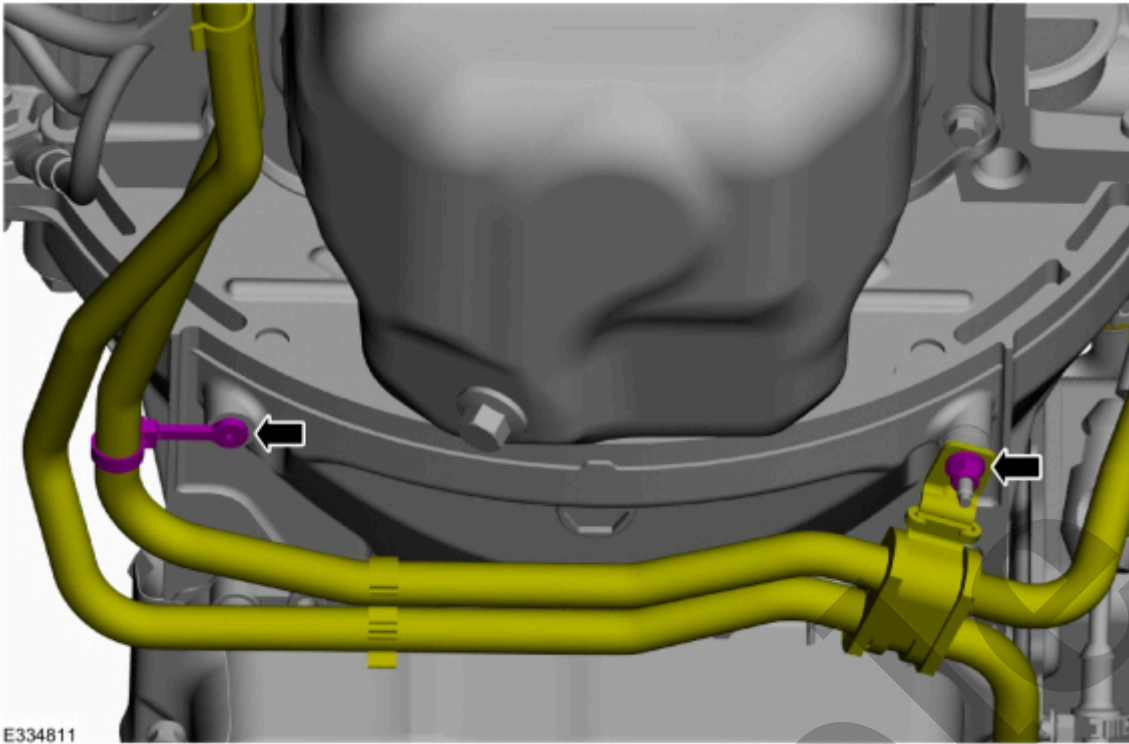


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12. Remove the starter.

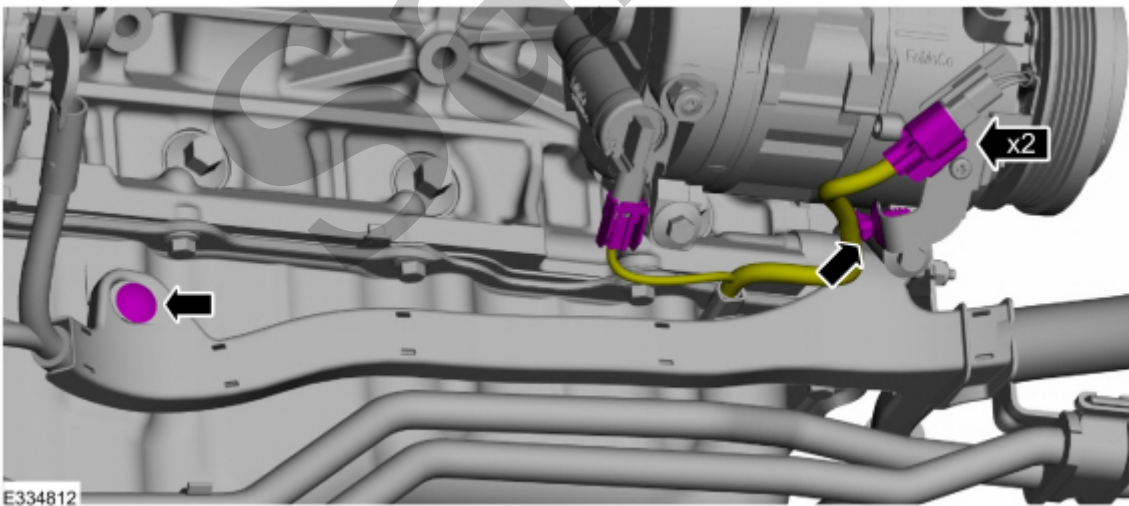
Refer to: [Starter Motor\(303-06E Starting System - 5.0L 32V Ti-VCT, Removal and Installation\)](#).

13. 1. Disconnect the coolant hose quick release couplings.
2. Detach the coolant hose retainer.



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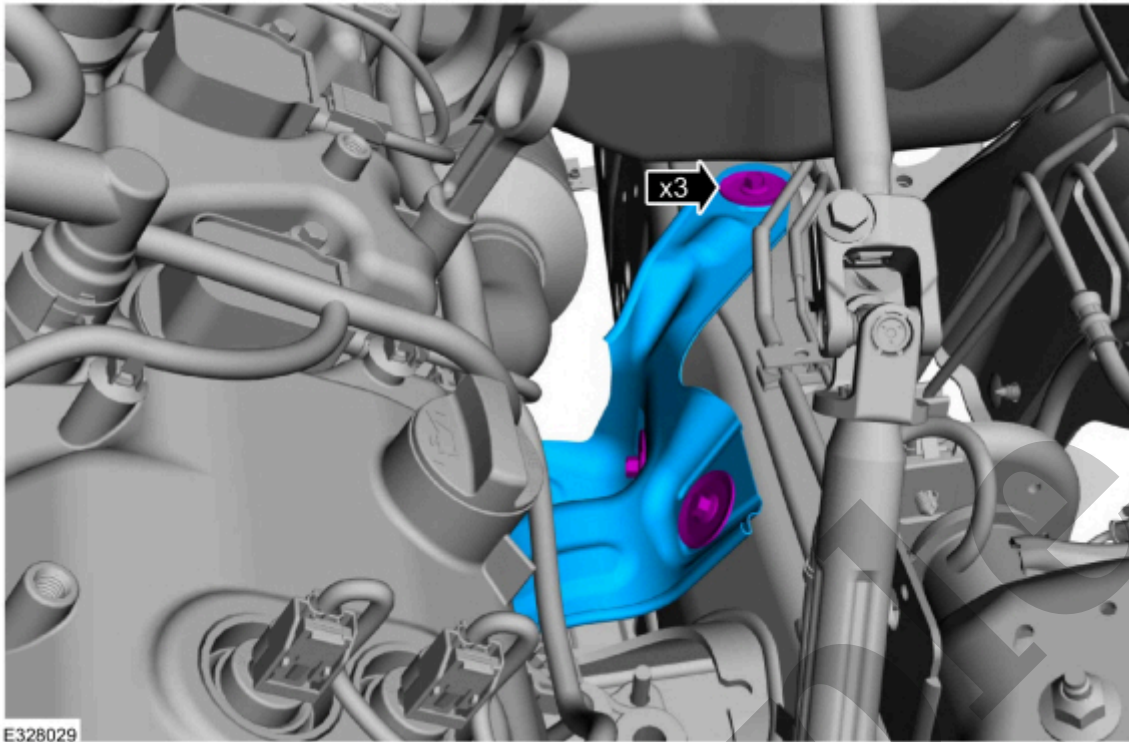
15.
 1. Disconnect the A/C (air conditioning) compressor electrical connectors.
 2. Detach the wiring harness retainer.
 3. Remove the pin-type retainer.



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16. Remove the nut and position the wiring harness aside.

18. Remove the bolts and the LH (left-hand) heat shield.



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19. Remove and discard the engine oil filter and drain the engine oil.

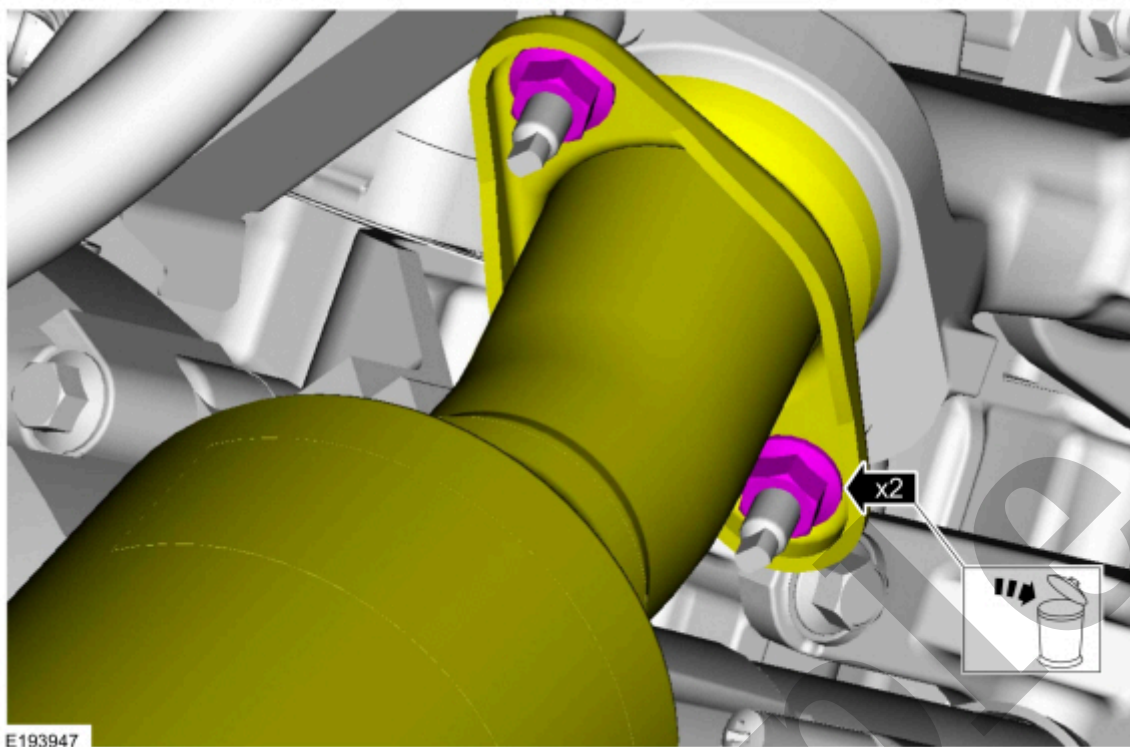
Refer to: [Engine Oil Draining and Filling](#)(303-01E Engine - 5.0L 32V Ti-VCT, General Procedures).

20. If equipped, remove the front driveshaft.

Refer to: [Front Driveshaft](#)(205-01 Driveshaft, Removal and Installation).

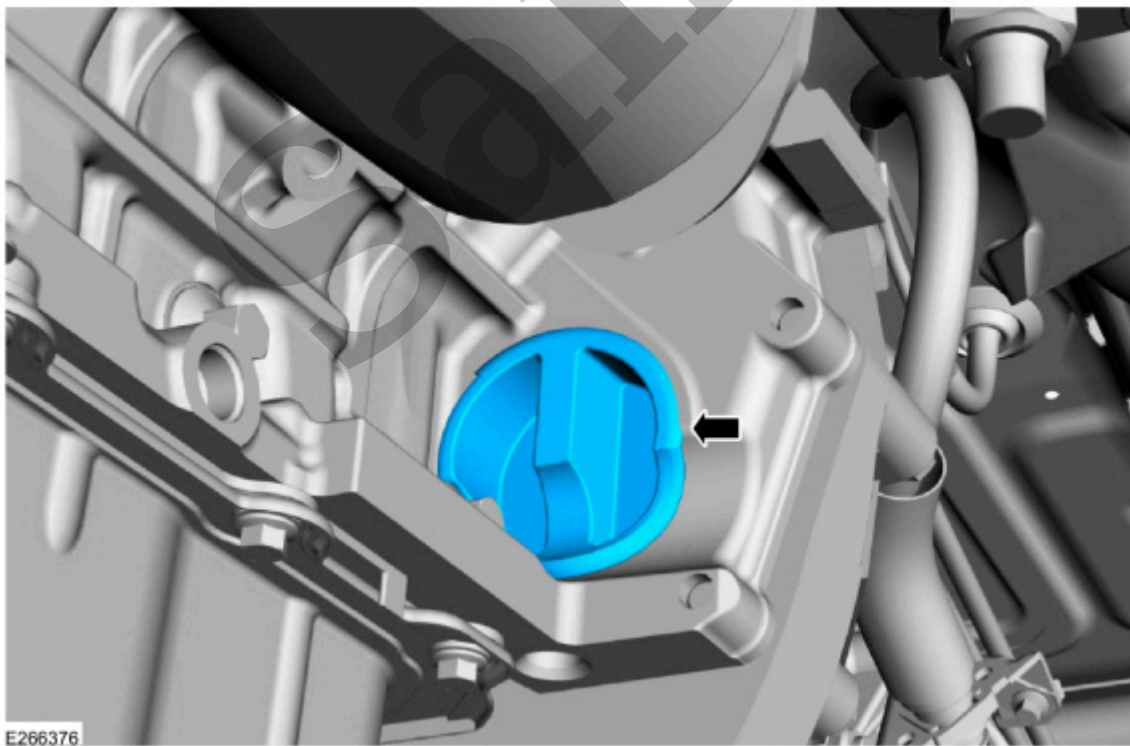
- 21.
- Remove the exhaust Y-pipe dual catalytic converter-to-exhaust intermediate pipe bolts and separate.
 - Make sure that the mating faces are clean and free of foreign material.

- Separate the exhaust Y-pipe dual catalytic converter from the exhaust manifolds.

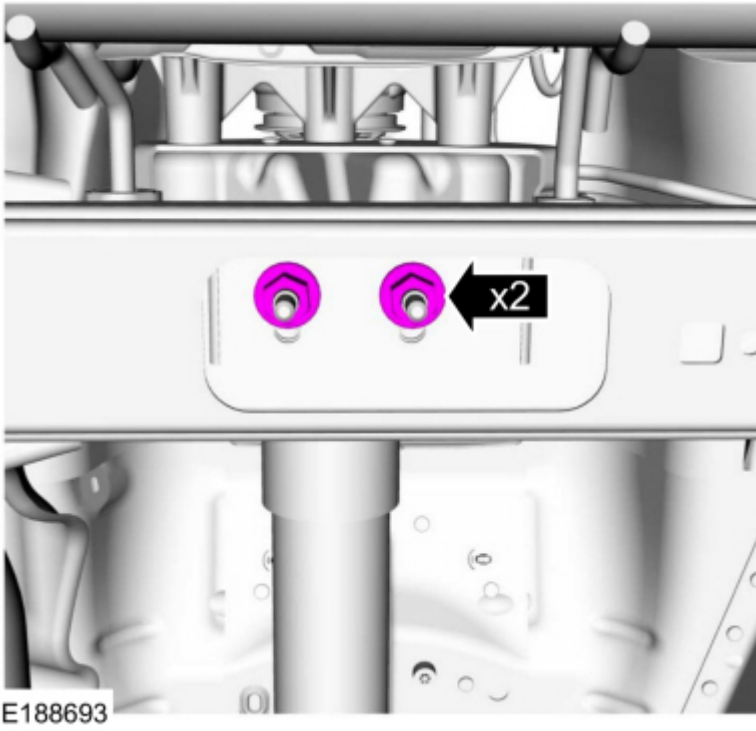


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24. Remove the cylinder block opening cover.



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27. NOTICE

Only use hand tools when removing the engine mount nuts, stud bolts or damage to the engine mount can occur.

Remove and discard the RH (right-hand) engine mount nuts.

- Remove the studs.