

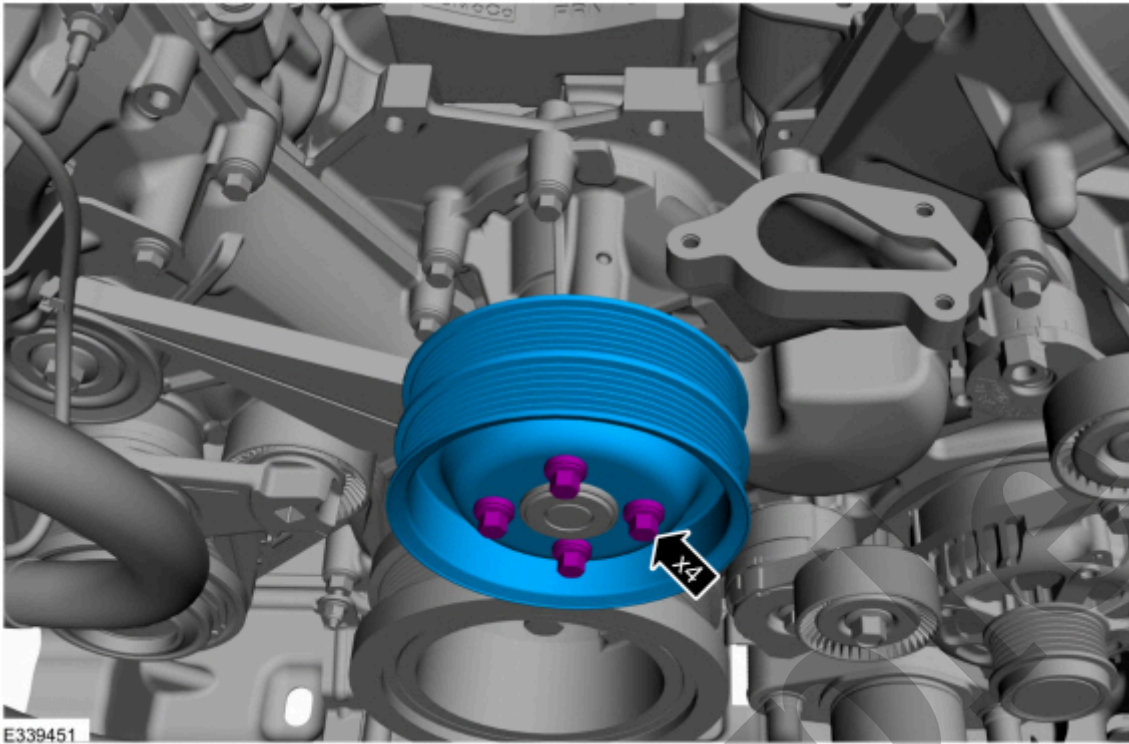
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2001 FORD Mustang Convertible OEM Service and Repair Workshop Manual

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4. Position the coolant pump pulley and install the bolts finger tight.



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

5. Install the thermostat housing.

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

6. Remove the plastic from the A/C (air conditioning) compressor belt.

7. Install the accessory drive belt.

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

8. Tighten the coolant pump pulley bolts.

Torque : 18 lb.ft (25 Nm)

Coolant Pump

303-03E Engine Cooling - 5.0L 32V Ti-VCT	2022 F-150
Removal and Installation	Procedure revision date: 09/9/2022

Coolant Pump

Removal

1. Drain the cooling system.

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

2. Remove the air cleaner outlet pipe.

Refer to: [Air Cleaner Outlet Pipe](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).

3. Remove the bolts and position the degas bottle aside.

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

6. NOTICE

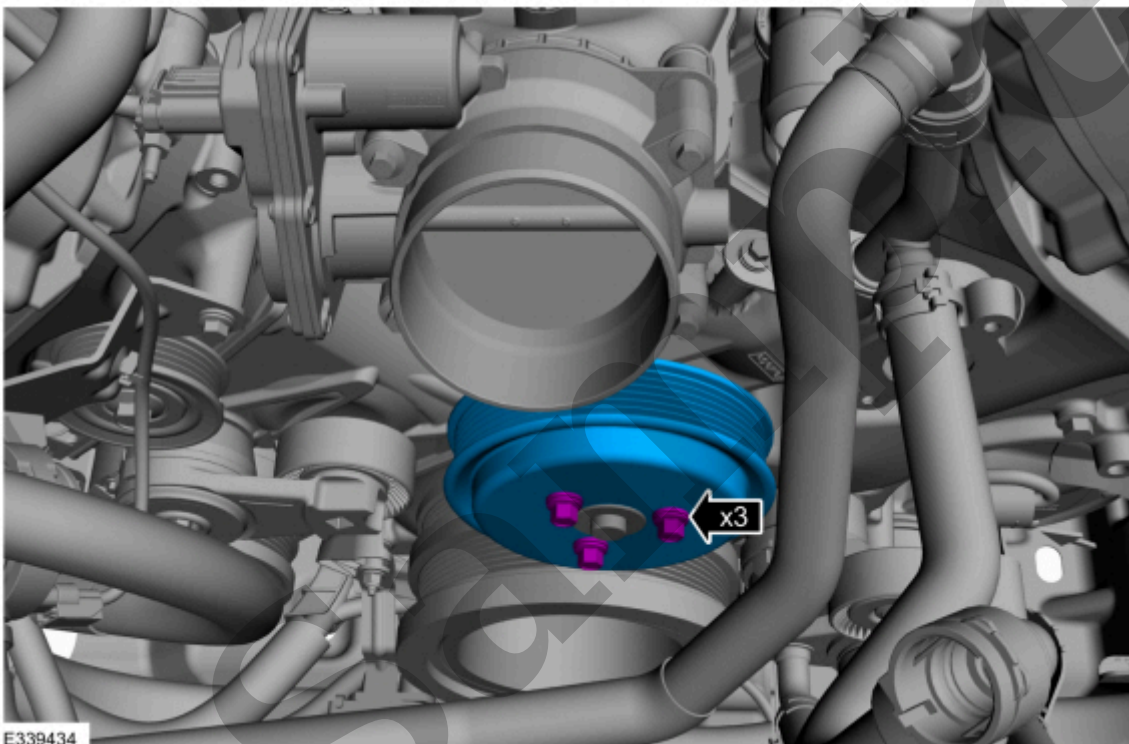
Cover the A/C (air conditioning) compressor belt to prevent coolant contamination of the belt.

Completely cover the A/C (air conditioning) compressor belt with waterproof plastic.

7. Remove the thermostat housing.

Refer to: [Thermostat Housing](#)(303-03E Engine Cooling - 5.0L 32V Ti-VCT, Removal and Installation).

8. Remove the bolts and the coolant pump pulley.



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

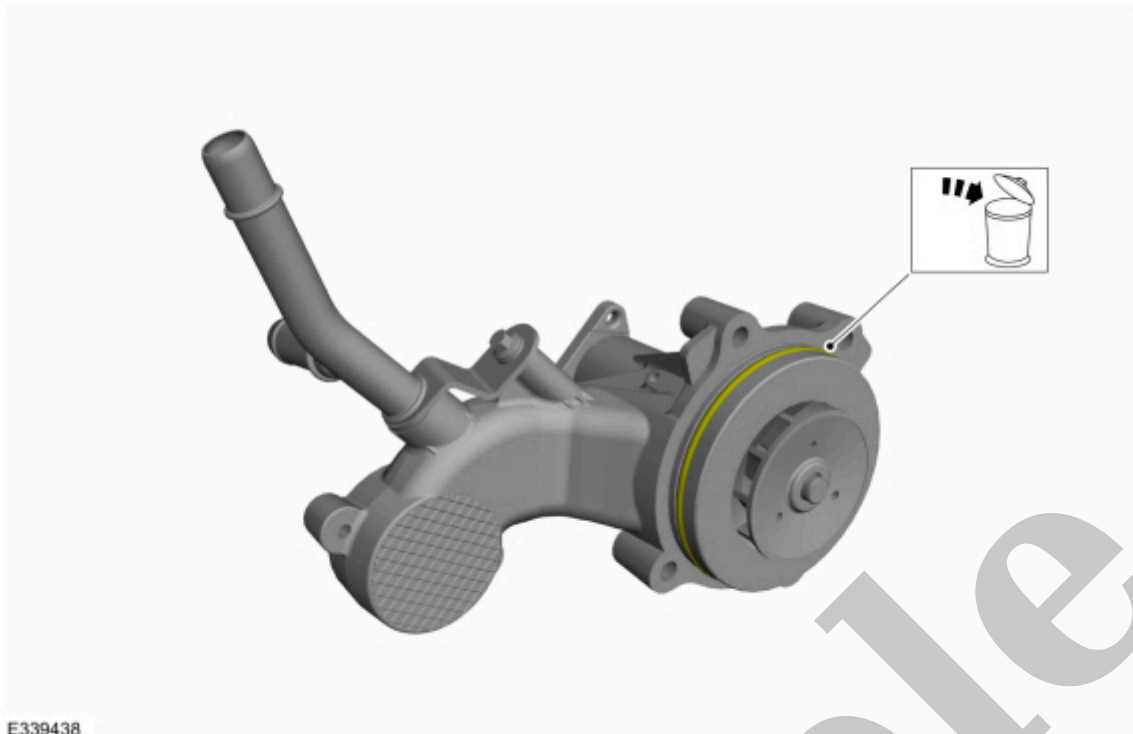
9. • Follow the directions to release quick release coupling type 3.

Disconnect the coolant tube.

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

• Release the clamp and disconnect the lower degas bottle hose from the heater outlet tube.

Use the General Equipment: Hose Clamp Remover/Installer

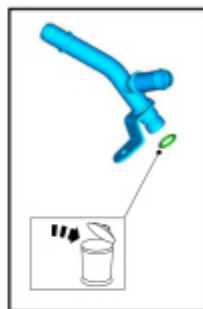
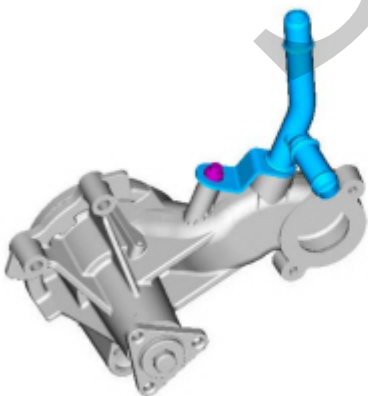


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12. **NOTE**

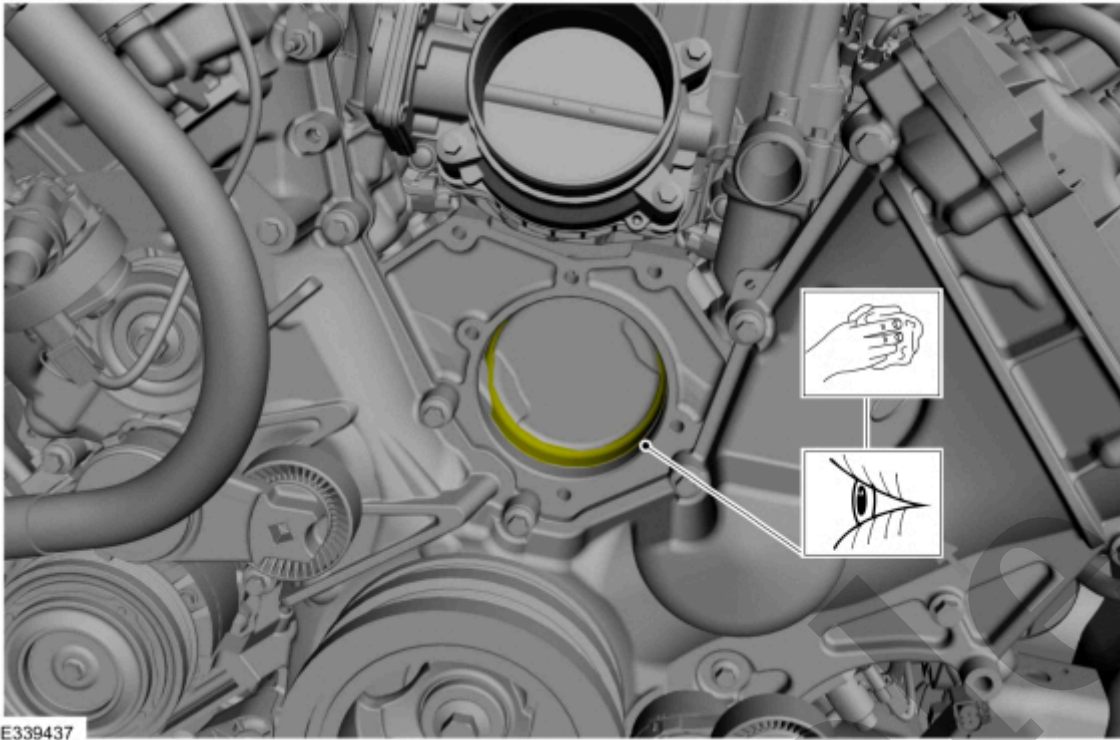
This step is only necessary when installing a new component.

- Remove the bolt and the heater outlet tube.
- Remove and discard the O-ring seal.



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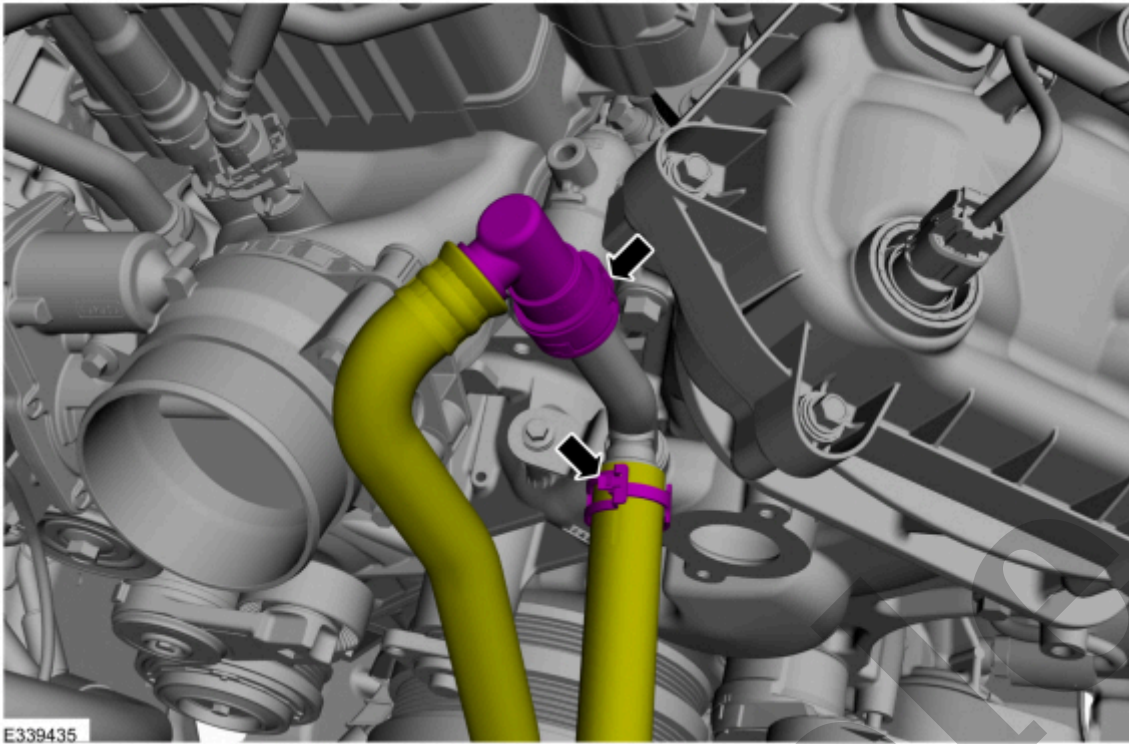
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3. Install a new O-ring seal and lubricate it with clean engine coolant.

Refer to: [Specifications](#)(303-03E Engine Cooling - 5.0L 32V Ti-VCT, Specifications).

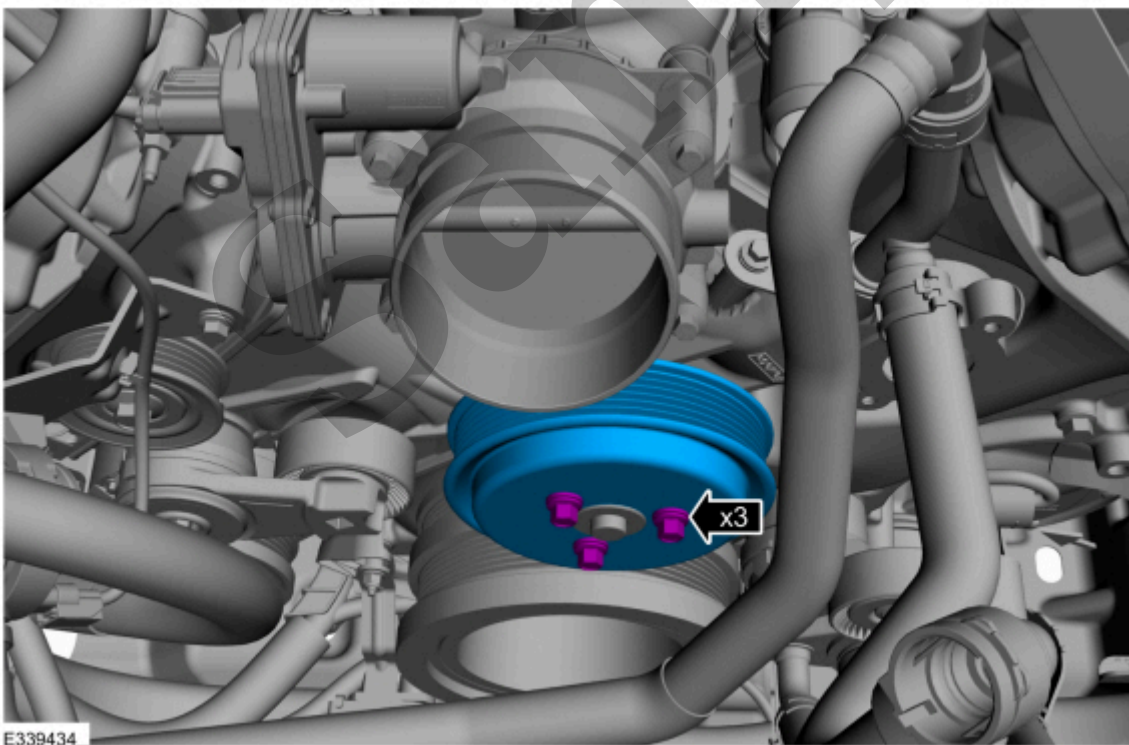


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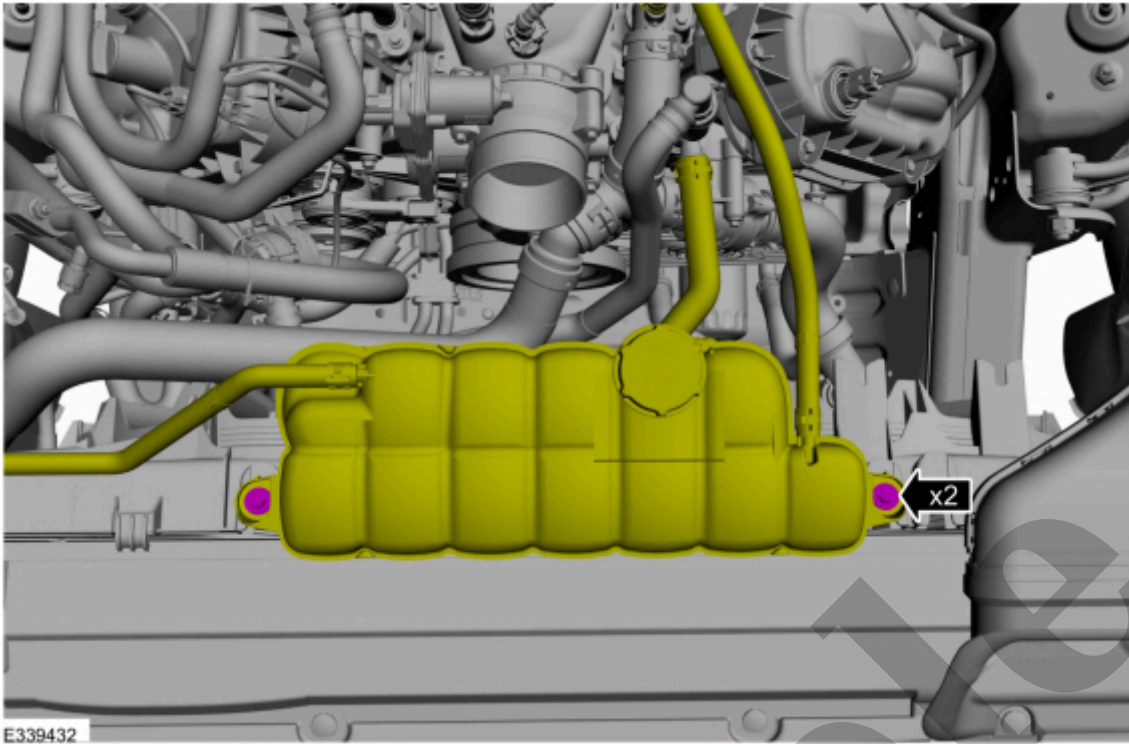
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6. Position the coolant pump pulley and install the bolts finger tight.



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

7. Install the thermostat housing.



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

12. Install the air cleaner outlet pipe.

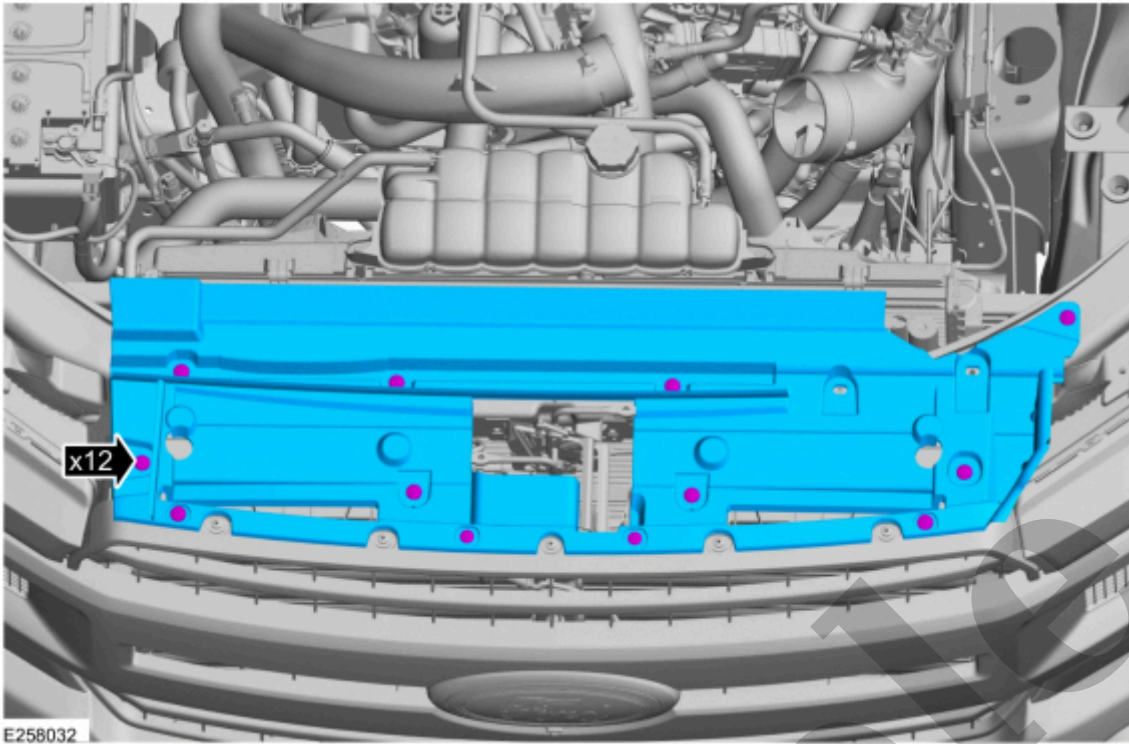
Refer to: [Air Cleaner Outlet Pipe](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).

13. Fill and bleed the cooling system.

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

14. Road test the vehicle.

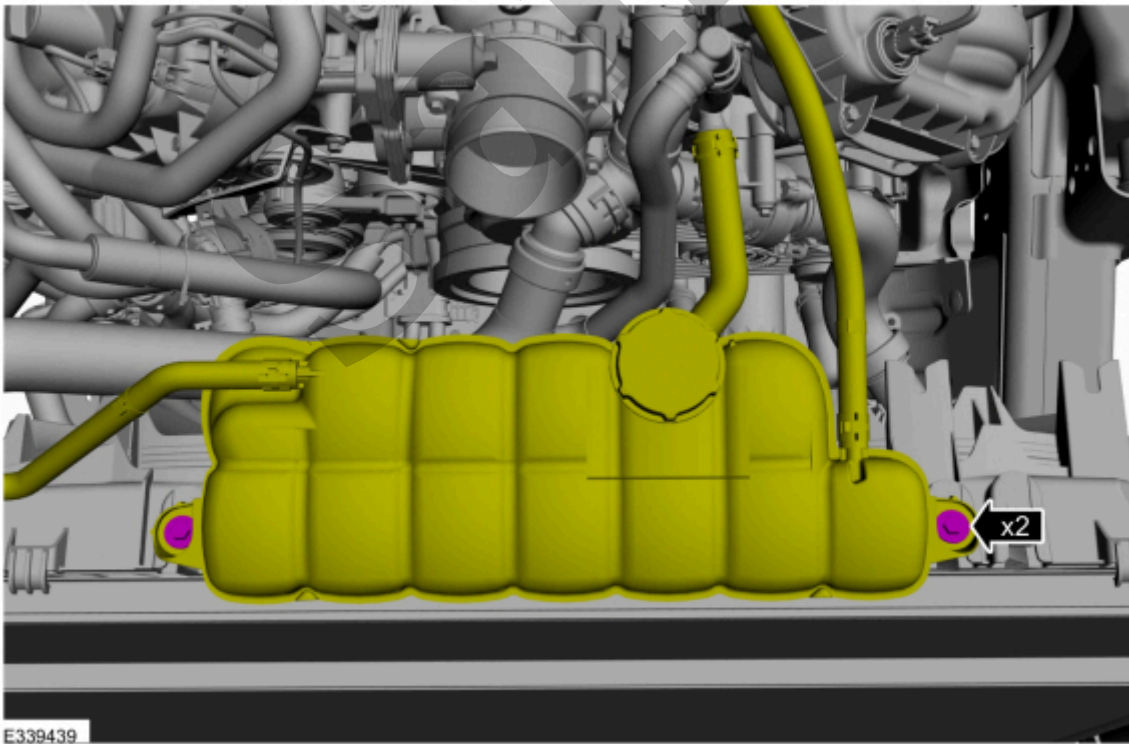
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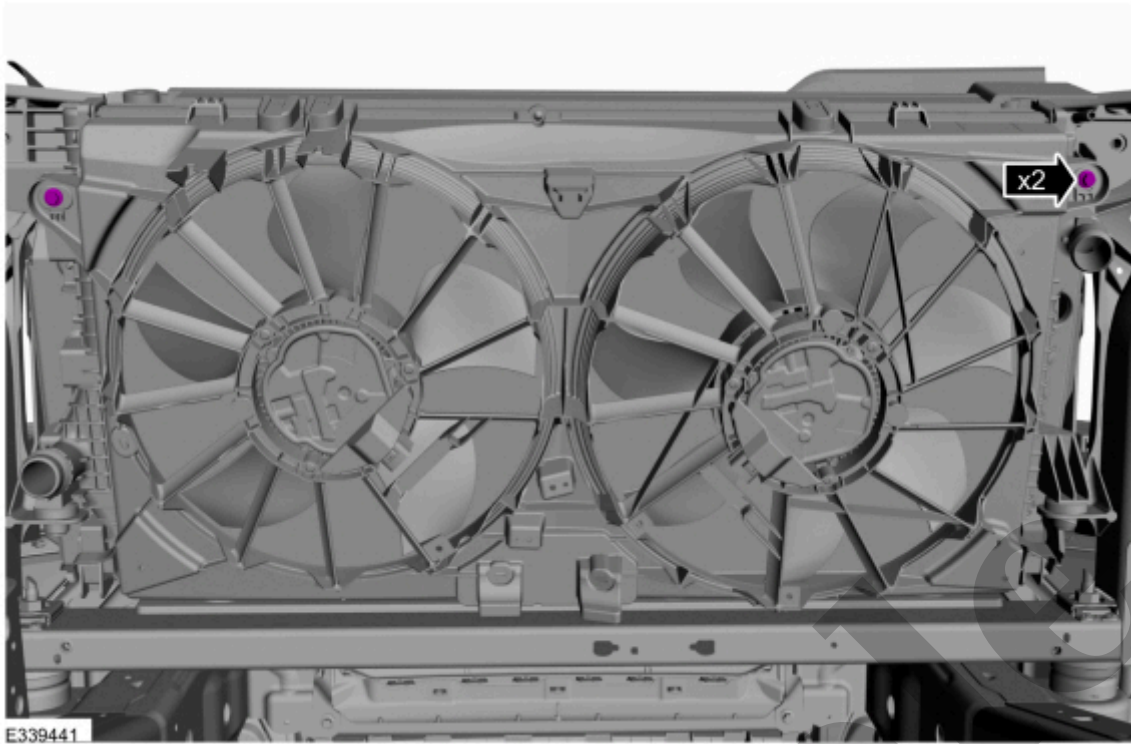
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5. Remove the bolts and position the degas bottle aside.

Torque : 62 lb.in (7 Nm)



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



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8. Lift the cooling fan motor and shroud upward and place wooden block to support it. Detach the pin-type retainers that secure the lower radiator shield to the cooling fan shroud.

Use the General Equipment: Wooden Block

