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1992 FORD Sierra 5 Doors OEM Service and Repair Workshop Manual

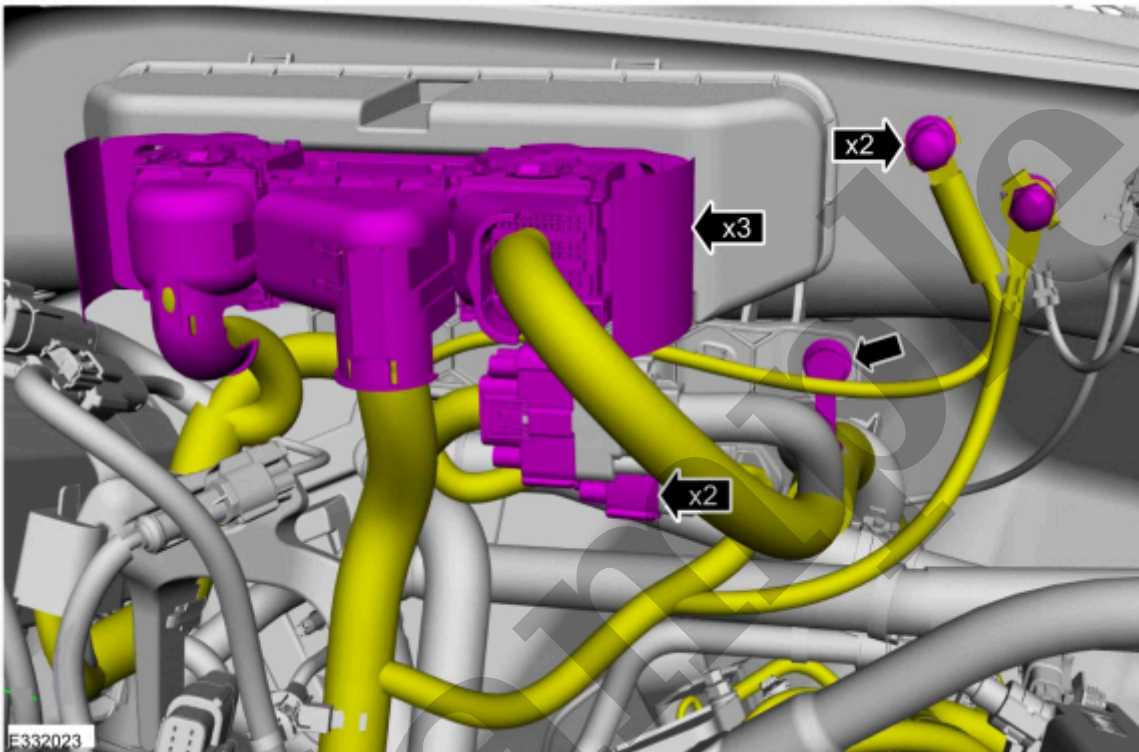
[Go to manual page](#)

Refer to: [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging - Full Hybrid Electric Vehicle \(FHEV\)](#)(412-00 Climate Control System - General Information, General Procedures).

Gasoline

3. Disconnect the PCM (powertrain control module) electrical connectors, harness connectors, and detach the wiring harness retainers. Remove the nuts and the ground wiring harnesses and position aside the wiring harness.

Torque : 106 lb.in (12 Nm)



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Electric

4.
 - Remove the thermostatic expansion valve nut.

Torque : 133 lb.in (15 Nm)

- Remove the support bracket retainer and position the manifold and tube assembly aside.

Torque : 93 lb.in (10.5 Nm)

- Make sure to cover any open ports to prevent debris from entering the system.

6. **NOTICE**

Make sure that all openings are sealed.

1. **NOTE**

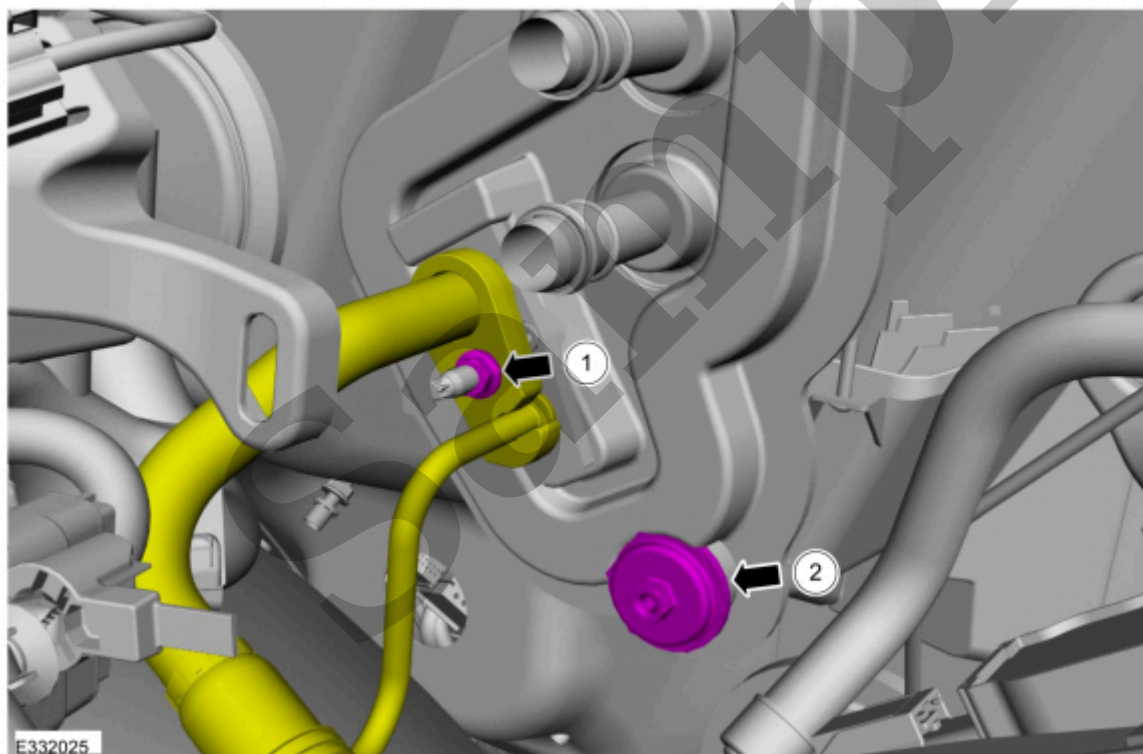
Make sure to cover any open ports to prevent debris from entering the system.

Remove the thermostatic expansion valve manifold and tube assembly nut, position the tube assembly rearward and discard the gasket seals.

Torque : 80 lb.in (9 Nm)

2. Remove the nut and washer.

Torque : 62 lb.in (7 Nm)

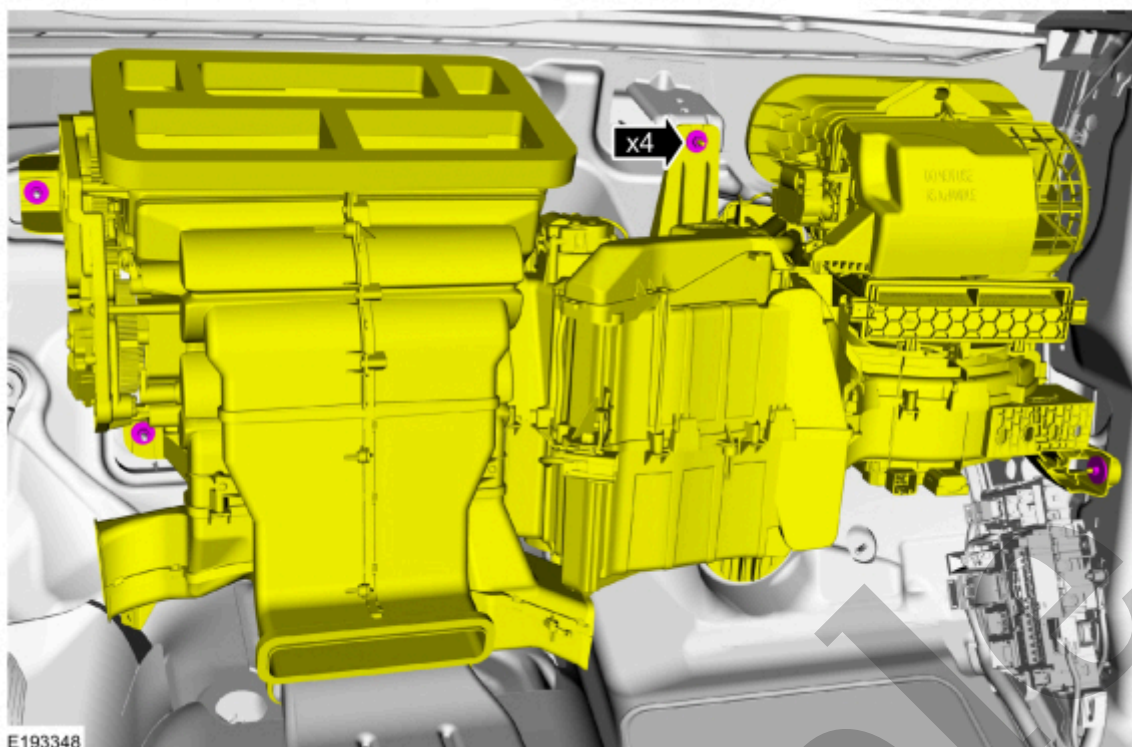


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7. Remove the instrument panel.

Refer to: [Instrument Panel](#)(501-12 Instrument Panel and Console, Removal and Installation).

Refer to: [Instrument Panel - Vehicles With: 15.5 Inch Center Display Screen](#)(501-12 Instrument Panel and Console, Removal and Installation).



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10. **NOTE**

For vehicles equipped with a rear footwell duct, the climate control housing must be carefully detached from the dash panel and then tilted toward the rear of the vehicle to detach it from the rear footwell duct connection.

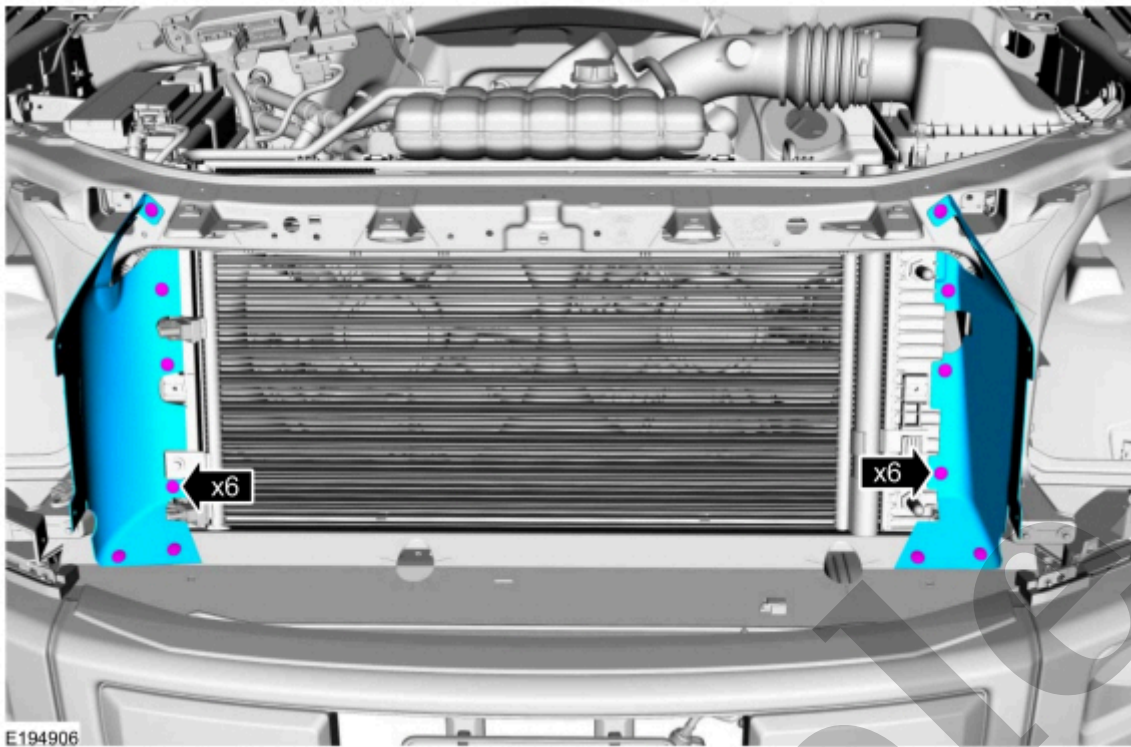
Remove the climate control housing.

Refer to: [Specifications - Electric](#)(412-00 Climate Control System - General Information, Specifications).

4. Fill and bleed the cooling system. Refer to engine cooling system draining, filling and bleeding in Group 303-03.

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Sample



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5. 1. Remove the condenser inlet and outlet nuts and disconnect the fittings.

Torque :

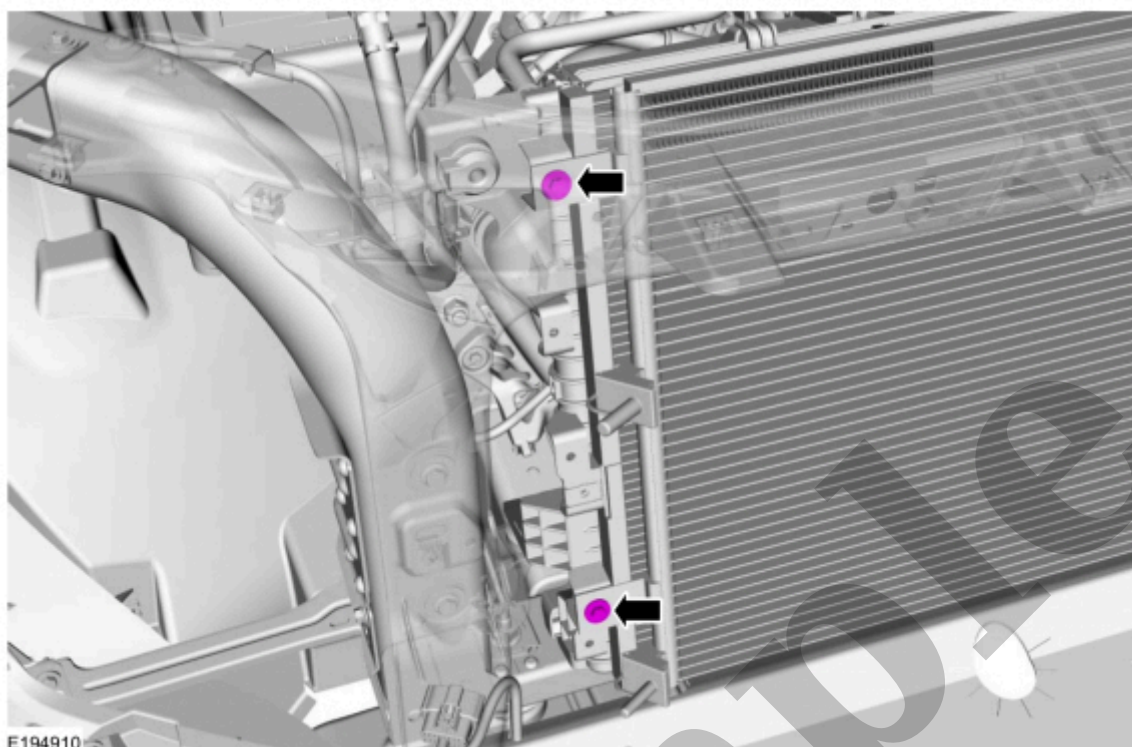
1: 71 lb.in (8 Nm)

2: 133 lb.in (15 Nm)

- Make sure to cover any open ports to prevent debris from entering the system.

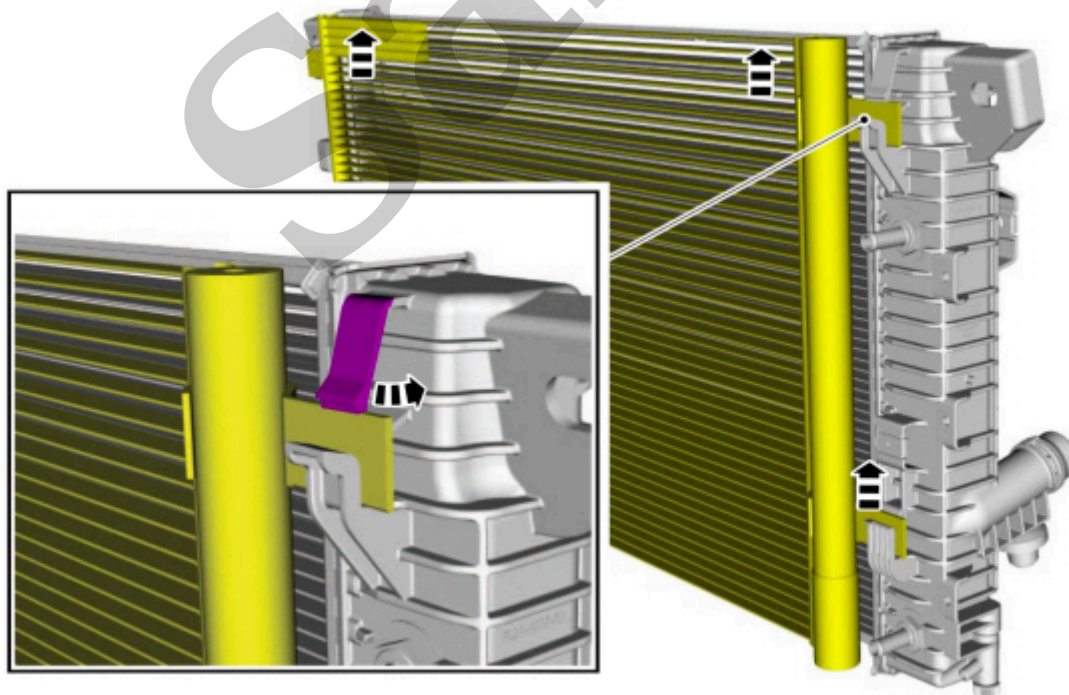
7. Remove the condenser retainers.

Torque : 62 lb.in (7 Nm)



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8. Release the tab and position the condenser upward.





Condenser - Electric

412-00 Climate Control System - General Information	2022 F-150
Removal and Installation	Procedure revision date: 04/13/2022

Condenser - Electric

Removal

NOTE

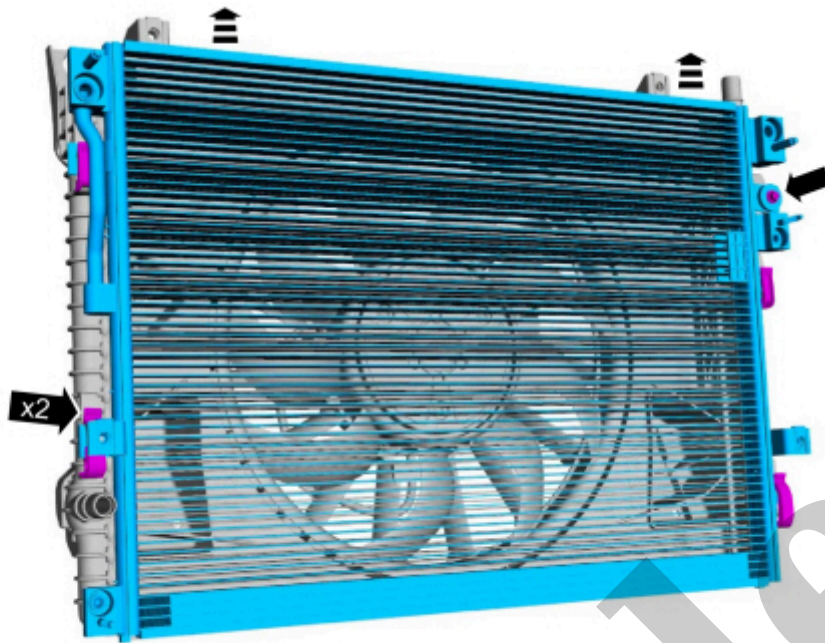
Removal steps in this procedure may contain installation details.

1. Remove the cooling module.

Refer to: Cooling Module (302-03A Electrified Drivetrain Cooling, Removal and Installation).

2. Remove the bolts and remove the radiator air deflector.

Torque : 62 lb.in (7 Nm)



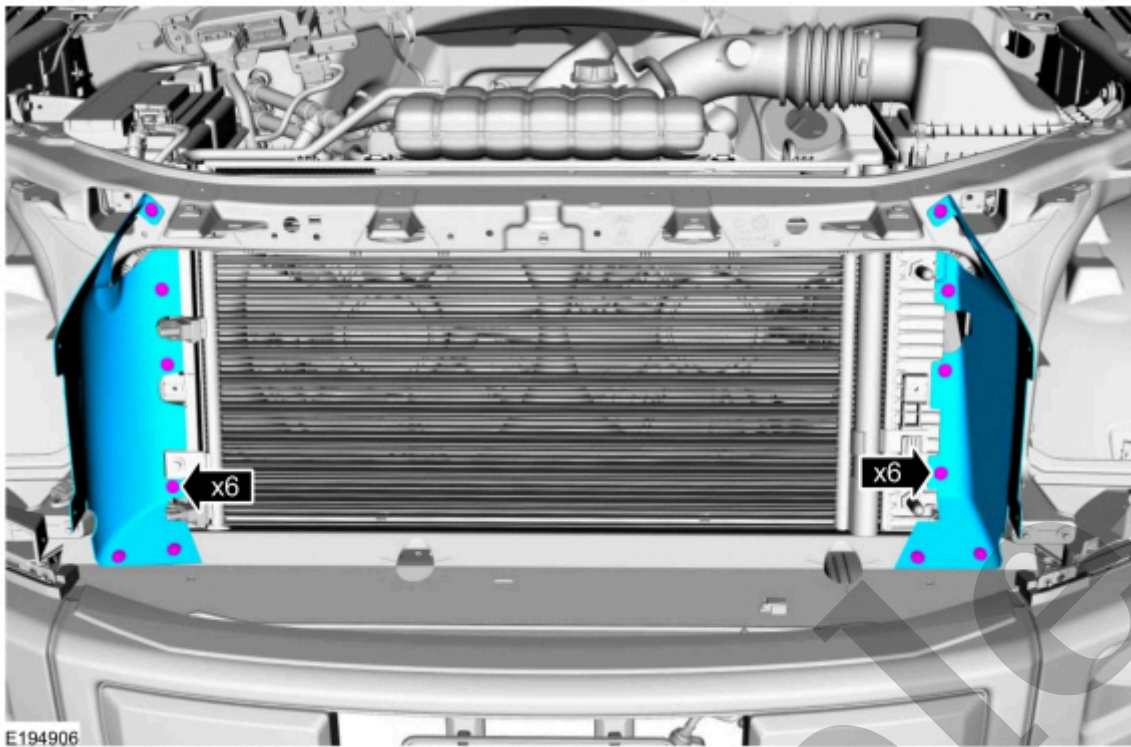
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Installation

1. To install, reverse the removal procedure.

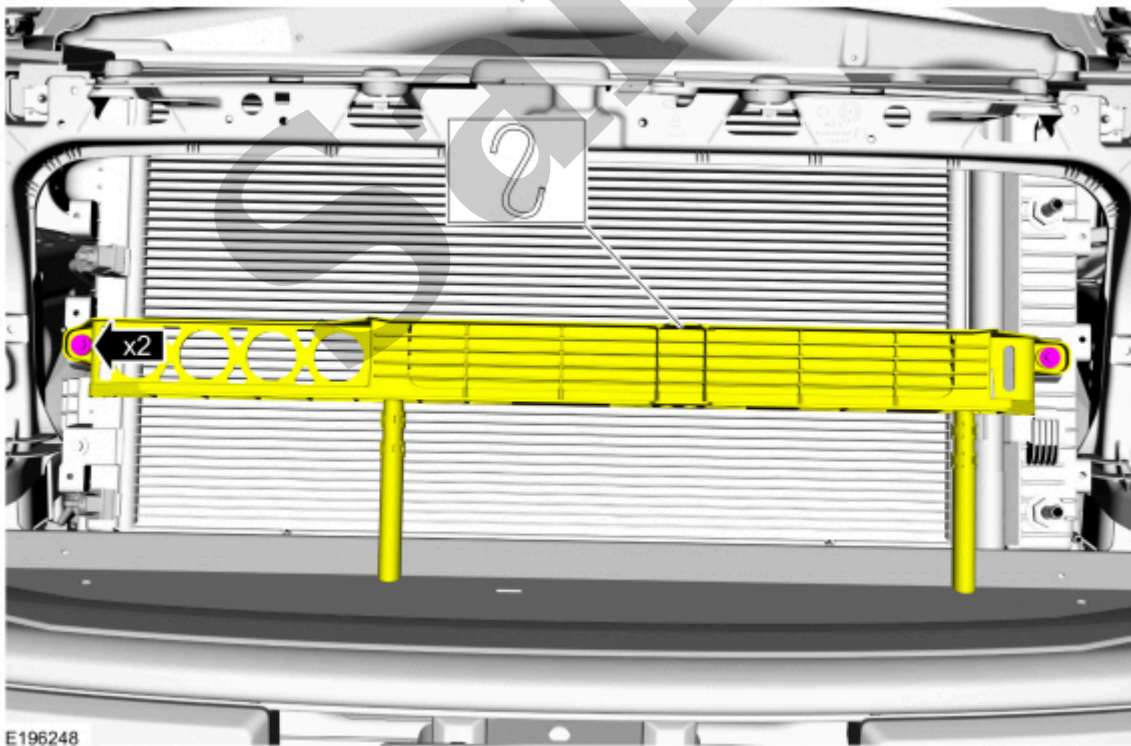
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5. If equipped with a transmission fluid auxiliary cooler, remove the retainers and position it aside.

Torque : 62 lb.in (7 Nm)



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