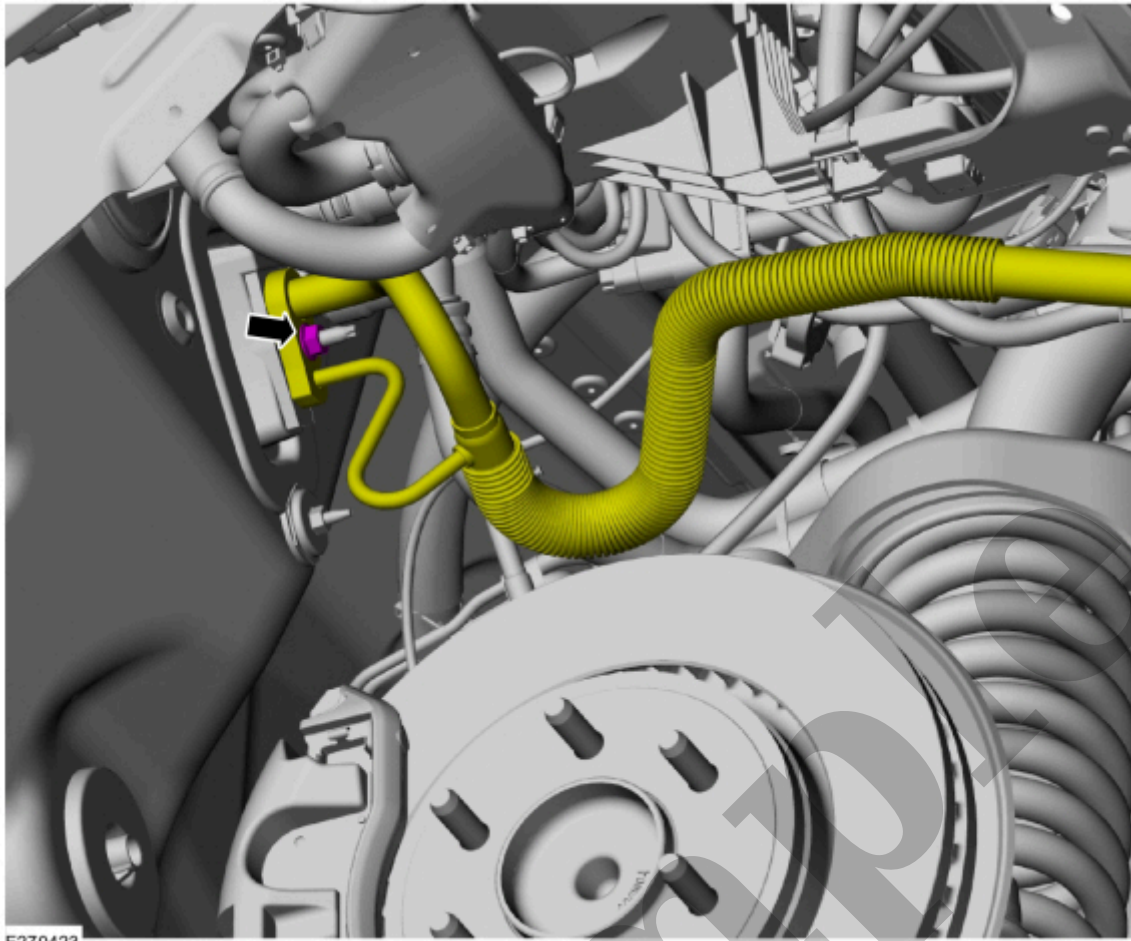


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1997 FORD Scorpio Wagon OEM Service and Repair Workshop Manual

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14. Remove the thermostatic expansion valve manifold and tube assembly nut, disconnect the fitting and remove the thermostatic expansion valve manifold and tube assembly.

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

Torque : 80 lb.in (9 Nm)



Thermostatic Expansion Valve Manifold and Tube Assembly - 5.0L 32V Ti-VCT

412-00 Climate Control System - General Information	2022 F-150
Removal and Installation	Procedure revision date: 10/5/2020

Thermostatic Expansion Valve Manifold and Tube Assembly - 5.0L 32V Ti-VCT

Removal

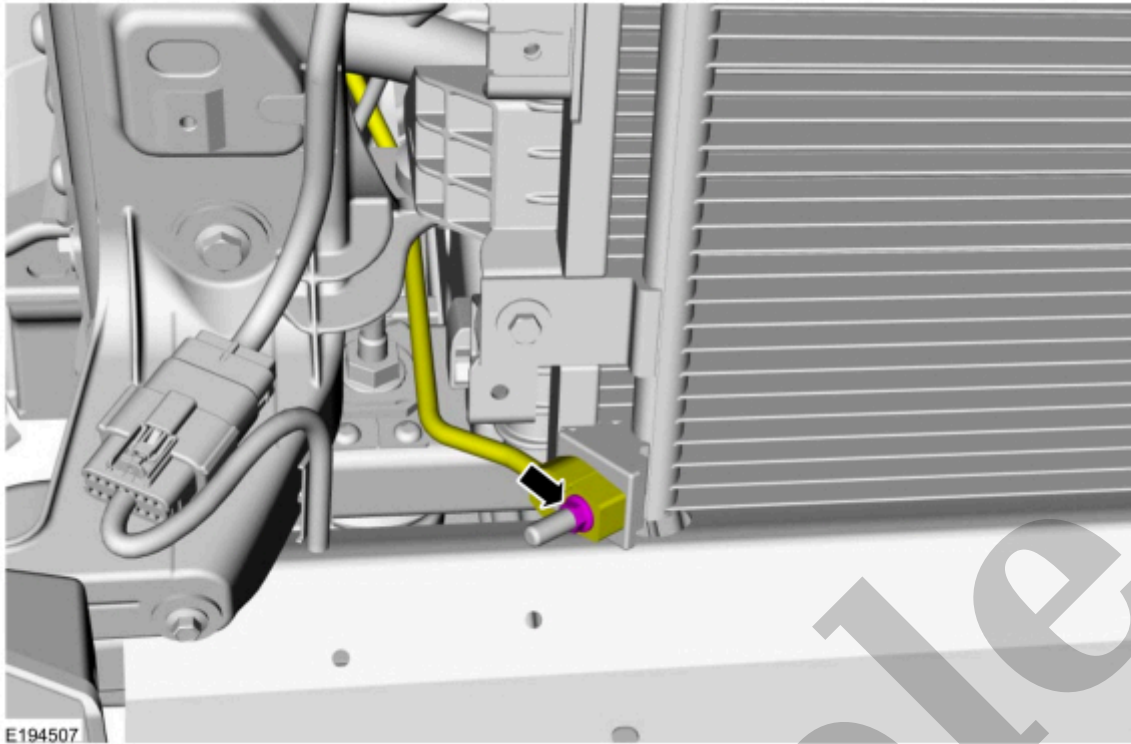
NOTICE

During the removal or installation of components, cap, tape or otherwise appropriately protect all openings and tubes/fittings to prevent the ingress of dirt or other contamination. Remove caps, tape and other protective materials prior to installation.

NOTE

Removal steps in this procedure may contain installation details.

1. Recover the refrigerant. Refer to the appropriate Recovery procedure in Group 412.
2. Remove the radiator grille.
Refer to: [Radiator Grille](#)(501-08 Exterior Trim and Ornamentation, Removal and Installation).
3. Remove the retainers and position the RH (right-hand) splash shield aside.



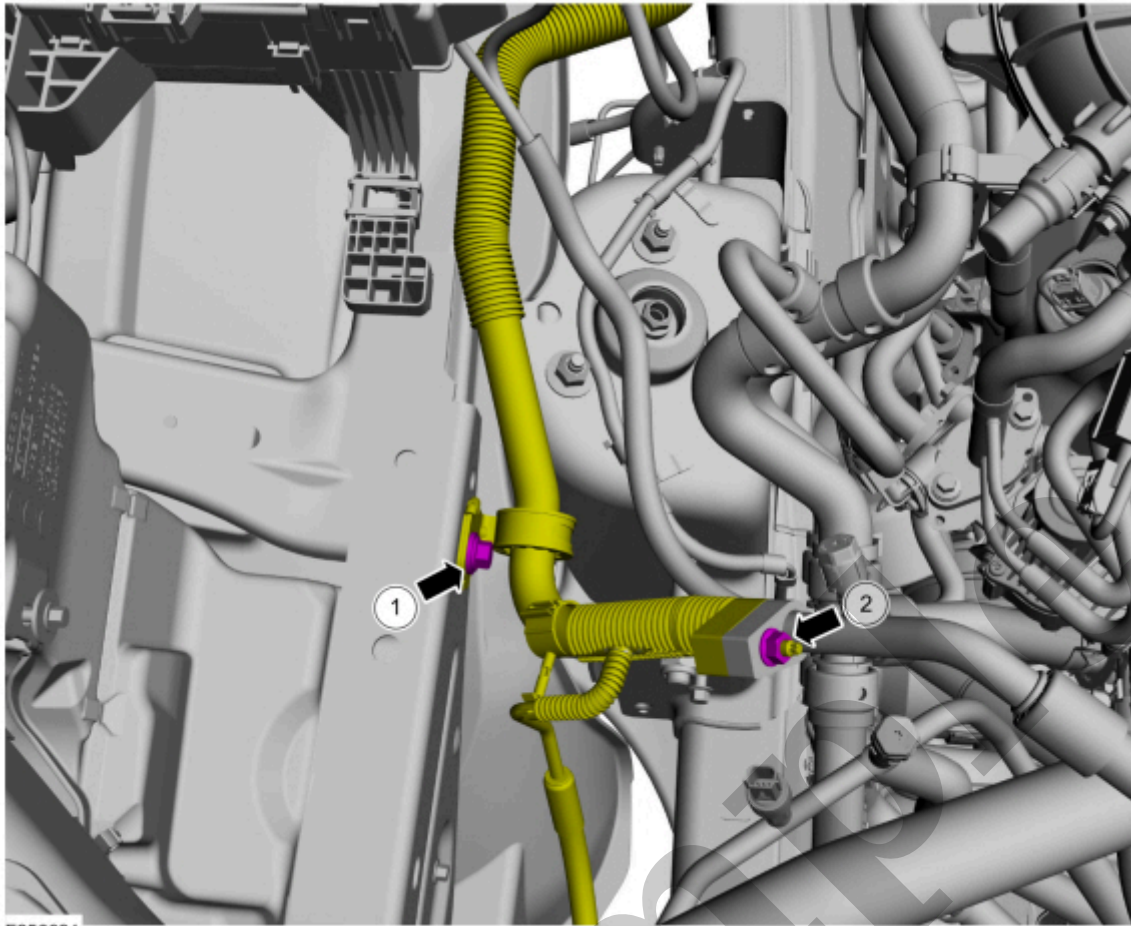
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5. Remove the battery tray.

Refer to: [Battery Tray](#)(414-01 Battery, Mounting and Cables, Removal and Installation).

6. Release the mounting clip and position aside the wiring harness routing bracket.

Use the General Equipment: Flat Headed Screw Driver



E258624

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8. Remove the thermostatic expansion valve manifold and tube assembly nut, disconnect the fitting and remove the thermostatic expansion valve manifold and tube assembly.

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

Torque : 80 lb.in (9 Nm)



Thermostatic Expansion Valve Manifold and Tube Assembly - Electric

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

Thermostatic Expansion Valve Manifold and Tube Assembly - Electric

Removal

NOTICE

During the removal of components, cap, tape or otherwise appropriately protect all openings to prevent the ingress of dirt or other contamination. Remove protective materials prior to installation.

NOTE

Removal steps in this procedure may contain installation details.

1. Recover the refrigerant.

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

2. Remove the underhood storage compartment.

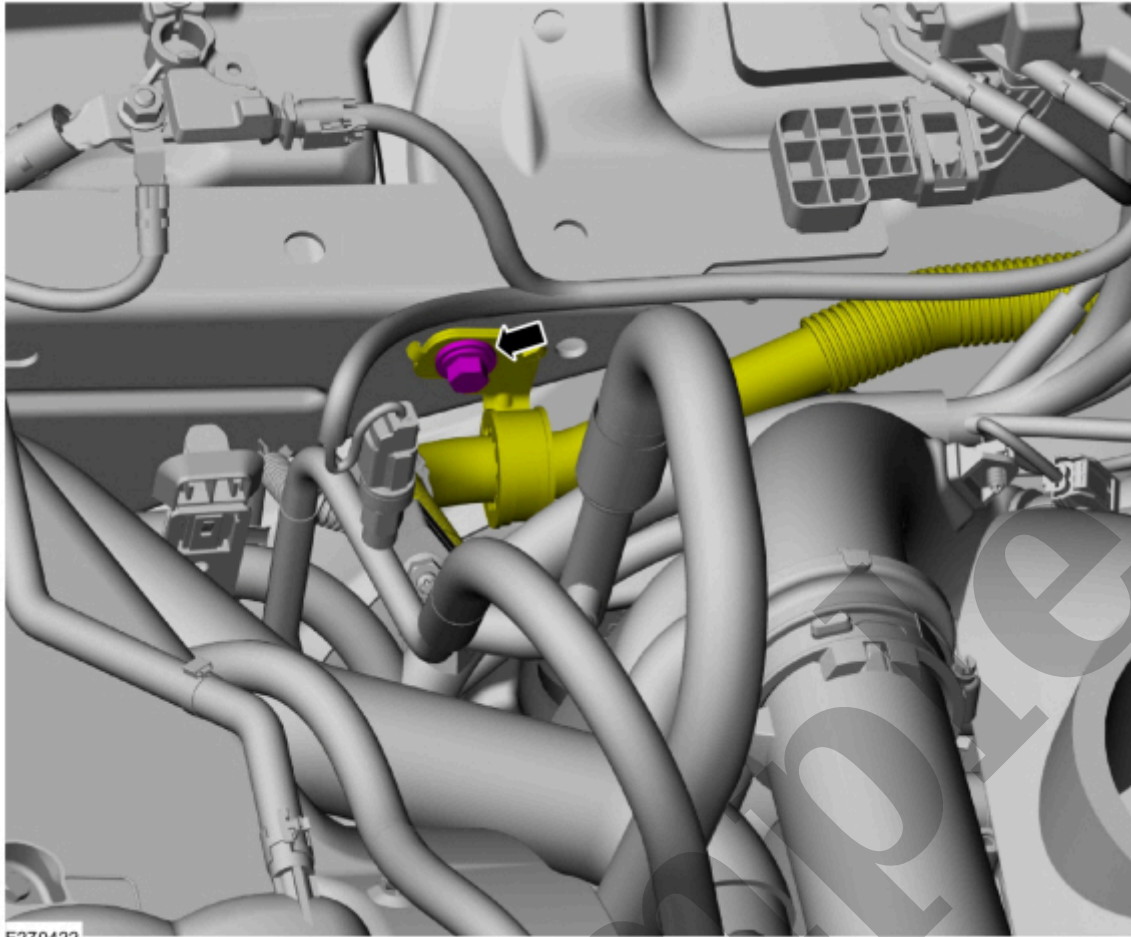
Refer to: [Underhood Storage Compartment - Electric](#)(501-02 Front End Body Panels, Removal and Installation).

3. 1. Remove the support bracket retainer.

Torque : 93 lb.in (10.5 Nm)

2. Remove the thermostatic expansion valve nut.

Sample



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

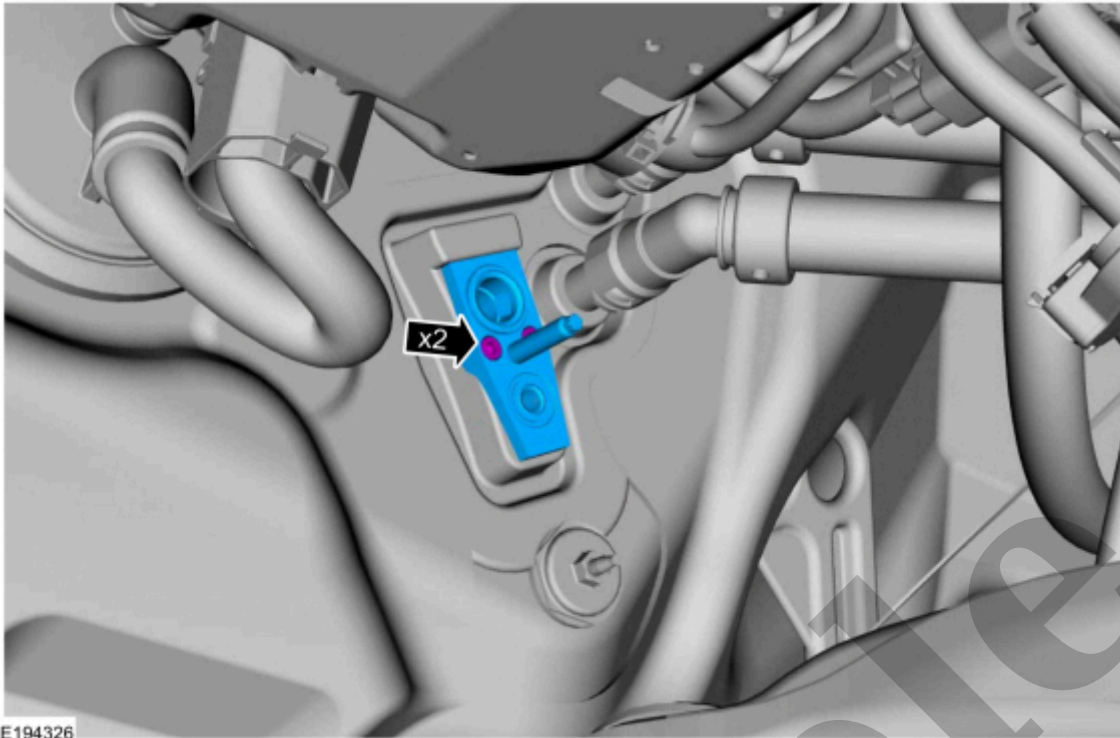
4. Remove the RHF (right-hand front) fender splash shield.

Refer to: [Fender Splash Shield](#) (501-02 Front End Body Panels, Removal and Installation).

5. Remove the nut and position the thermostatic expansion valve manifold and tube assembly aside.

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

Torque : 80 lb.in (9 Nm)



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

Installation

1. To install, reverse the removal procedure.

2. NOTICE

Only use the specified material to lubricate the seals.

Install and lubricate new O-ring seals. Refer to the appropriate Specifications in Group 412.

3. Lubricate the refrigerant system with the correct amount of clean PAG oil. Refer to the appropriate Refrigerant Oil Adding procedure in Group 412.

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Material : Motorcraft® A/C System
Flushing Solvent / YN-23

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Material : Motorcraft® A/C Cooling Coil
Coating / YN-29

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Sample