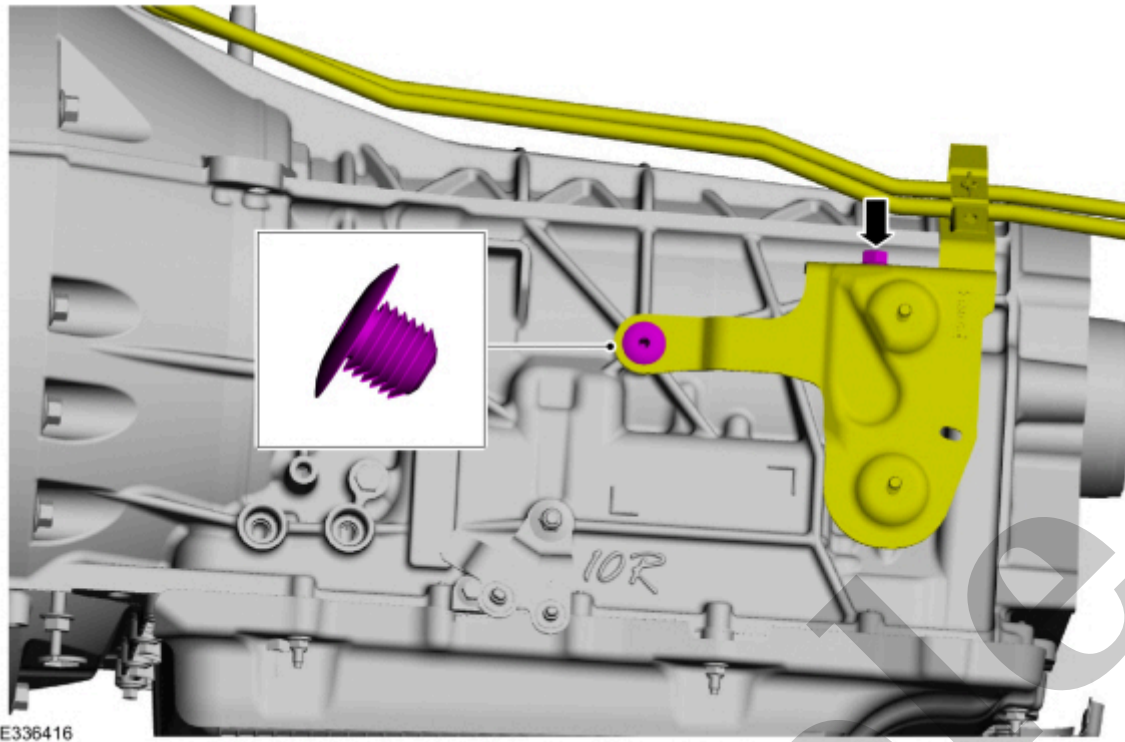


Your Ultimate Source for OEM Repair Manuals

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.

1999 FORD Escort 3 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

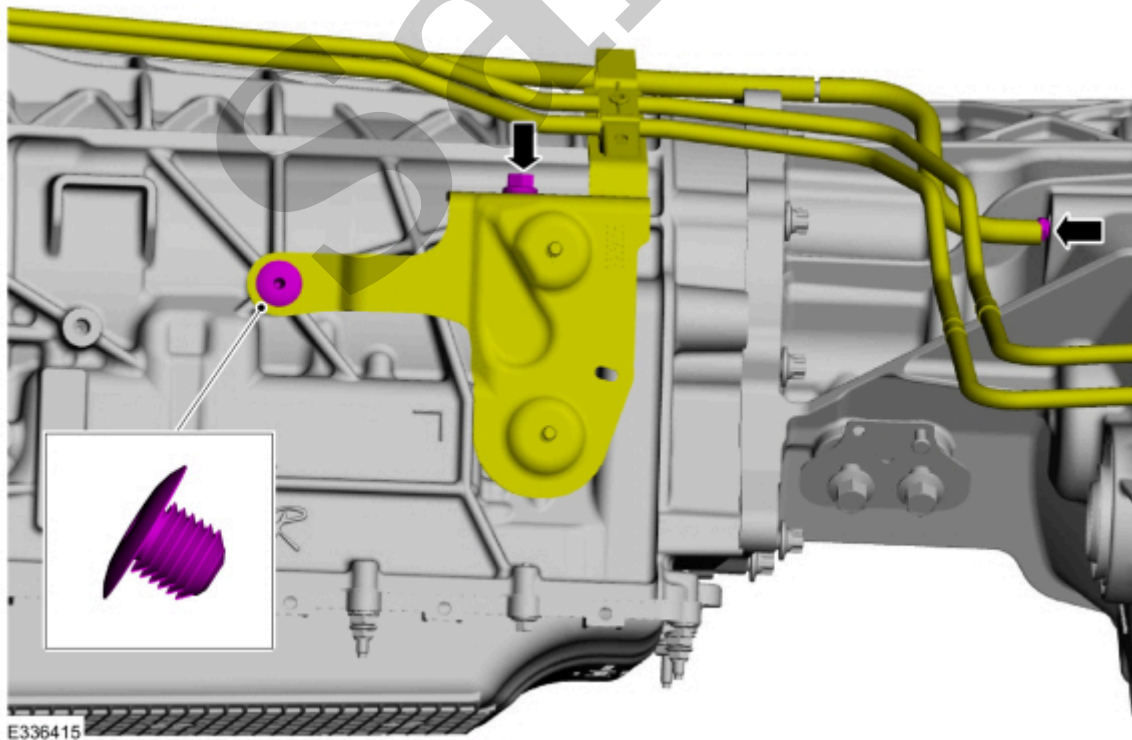


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Four-Wheel Drive (4WD) vehicles

19. Position the fuel line bracket and install the bolt and the pushpin. Connect the transfer case vent tube.

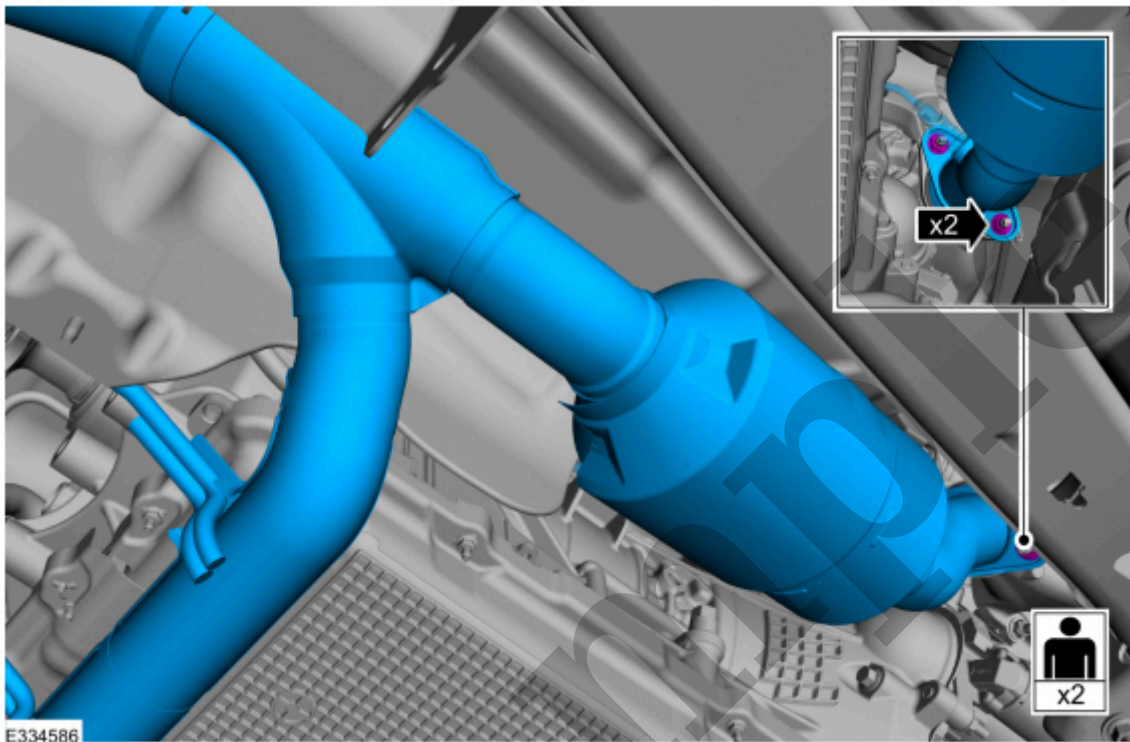
Torque : 30 lb.ft (40 Nm)



22. **NOTE**

Loosely install the new RH (right-hand) catalytic converter nuts. Do not tighten at this time.

Position the RH (right-hand) catalytic converter in the vehicle. Loosely install the new RH (right-hand) catalytic converter nuts.



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

23. Install the transmission support insulator.

Refer to: [Transmission Support Insulator](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, Removal and Installation).

24. Install the LH (left-hand) catalytic converter.

Refer to: [Catalytic Converter LH](#)(309-00E Exhaust System - 5.0L 32V Ti-VCT, Removal and Installation).

25. **NOTE**

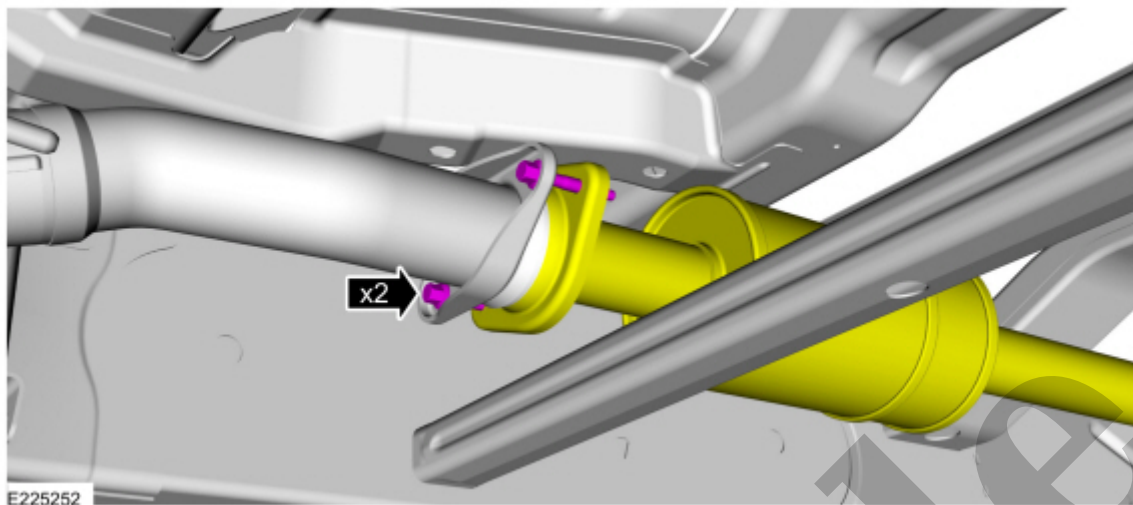
Evenly tighten the catalytic converter nuts.

Tighten the RH (right-hand) catalytic converter nuts.

Torque : 30 lb.ft (40 Nm)

27. Install the catalytic converter flange to the muffler inlet pipe bolts.

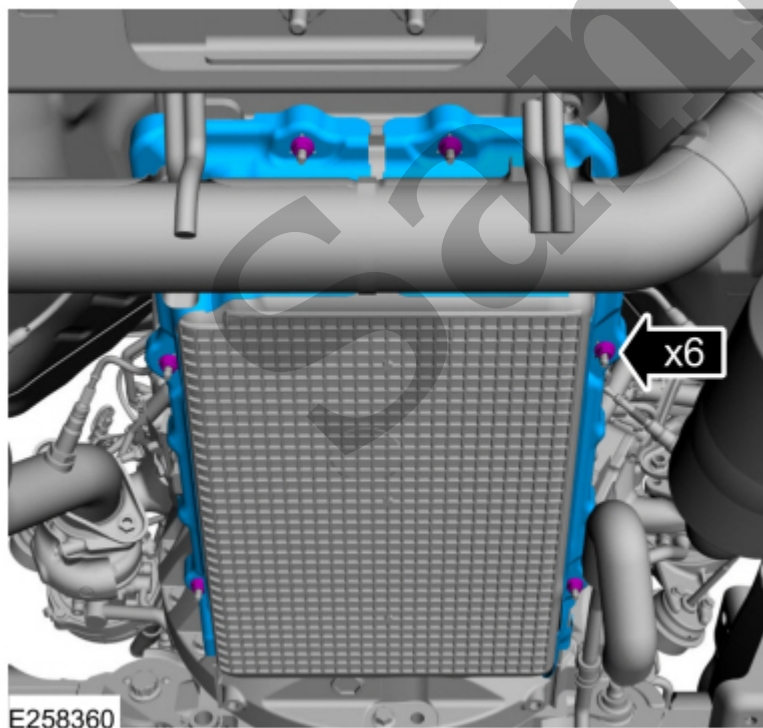
Torque : 30 lb.ft (40 Nm)



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

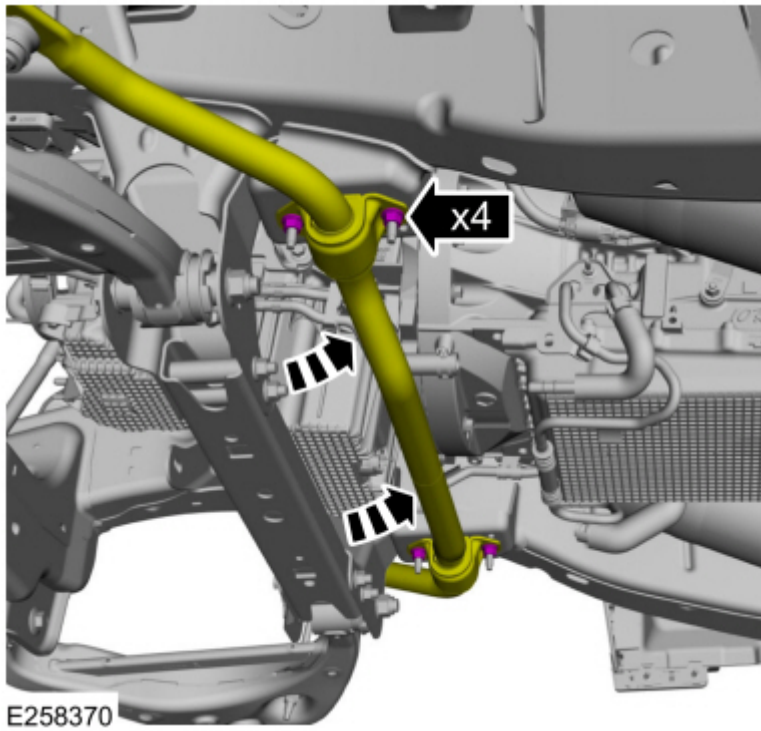
28. Install the retainers and heatshield.

Torque : 80 lb.in (9 Nm)



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

29. Position back the transmission fluid cooler tubes install the nut and retainer.



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

All vehicles

35. NOTE

If equipped with a underbody splash shield, do not install the splash shield at this time.

Install the starter motor assembly.

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

36. Connect the battery ground cable.

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

37. After completing the repairs, perform the Misfire Monitor Neutral Profile Correction procedure using a diagnostic scan tool.

38. If a new transmission or a new main control was installed, the solenoid body strategy must be updated.

Refer to: [Transmission Strategy Download](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, General Procedures).

39. If the transmission was overhauled, the adaptive drive cycle must be updated.



Transmission Control Module (TCM)

307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R80	2022 F-150
Removal and Installation	Procedure revision date: 08/19/2016

Transmission Control Module (TCM)

Removal

NOTE

The TCM (transmission control module) is located on the RH (right-hand) frame rail.

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.

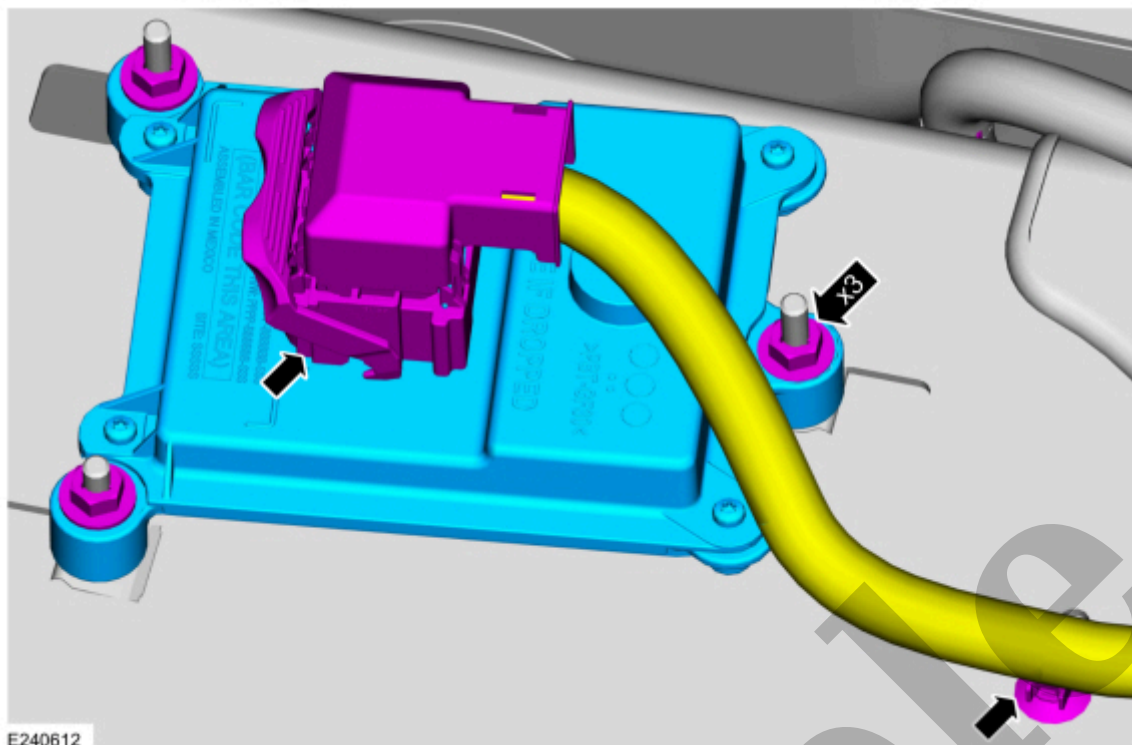
NOTE

This step is only necessary when installing a new component.

Download the module information to the diagnostic tool using the PMI (programmable module installation) routine.

Refer to: [Module Programming](#)(418-01A Module Configuration, General Procedures).

3. Remove the retainers and the TCM (transmission control module) shield.



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

Installation

1. NOTICE

Keep the TCM (transmission control module) electrical connector straight when connecting it or damage the connector terminals can occur.

- Position the TCM (transmission control module) in place and install the nuts.

Torque : 80 lb.in (9 Nm)

- Connect the TCM (transmission control module) electrical connector and slide the lock tab in to lock the connector.
- Attach the TCM (transmission control module) wiring harness retainer.

3. Restore the module configuration. Carry out the module configuration restore steps of the PMI (programmable module installation) procedure.

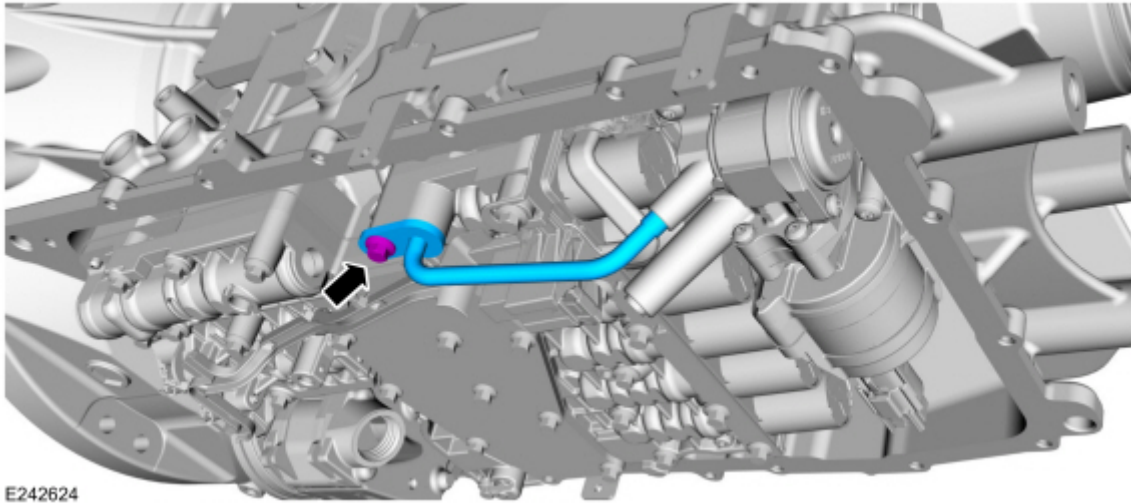
Refer to: [Module Programming](#)(418-01A Module Configuration, General Procedures).

4. Using the scan tool, download the solenoid body strategy.

Refer to: [Transmission Strategy Download](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, General Procedures).

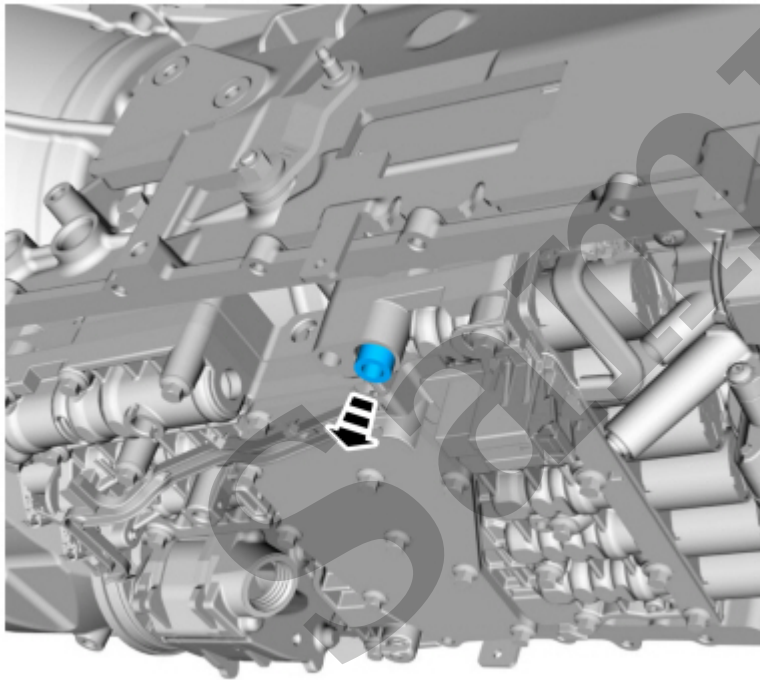
Copyright © Ford Motor Company

Sample



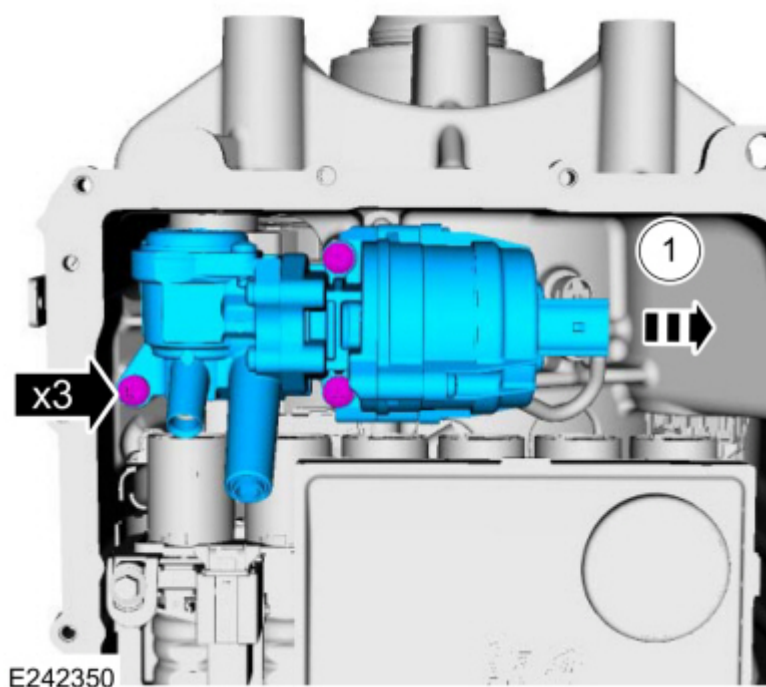
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Remove the transmission fluid auxiliary pump tube seal.



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

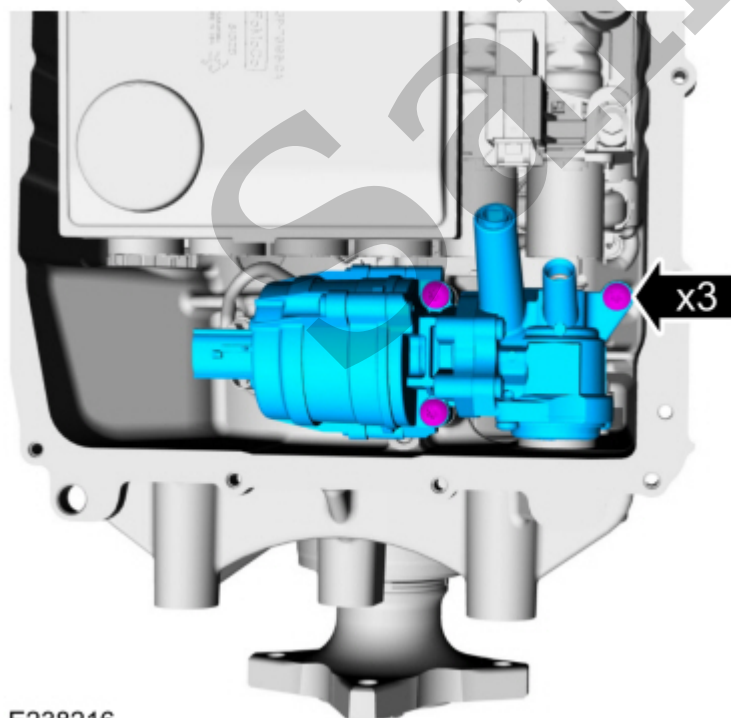
4. Disconnect the transmission fluid auxiliary pump.



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

Installation

1. Install the transmission fluid auxiliary pump and loosely install the bolts.



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