

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.

1990 FORD Escort 3 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

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

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

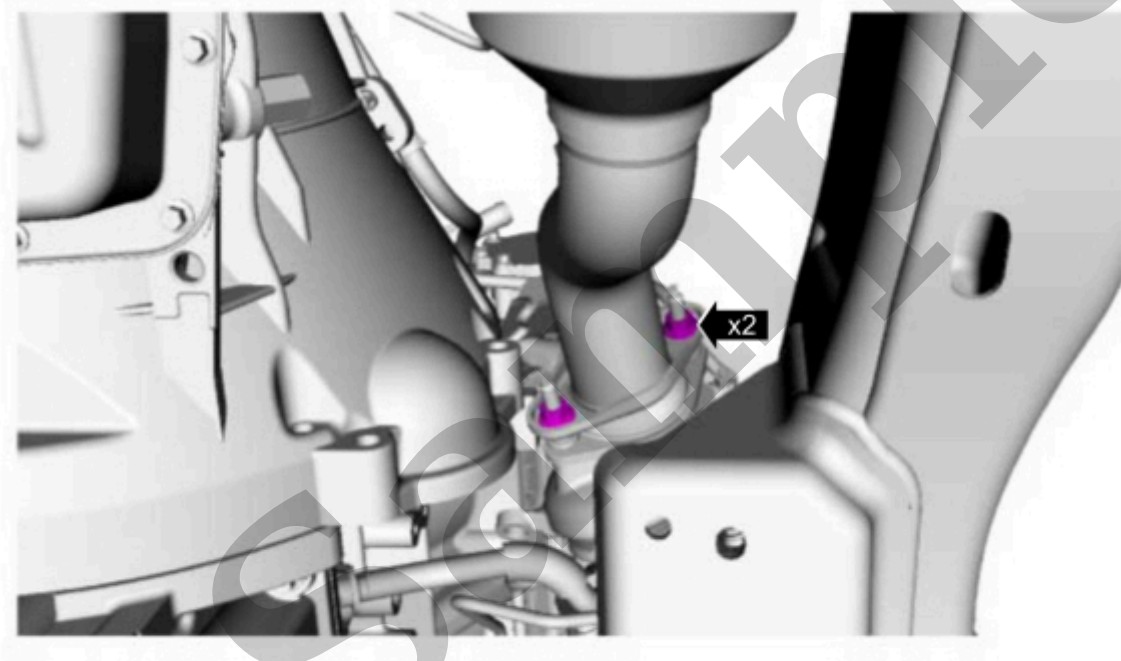
Refer to: [Catalytic Converter LH](#)(309-00C Exhaust System - 3.5L EcoBoost (BM), Removal and Installation).

26. **NOTE**

Evenly tighten the catalytic converter nuts.

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

Torque : 30 lb.ft (40 Nm)



E225882

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

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

Torque : 30 lb.ft (40 Nm)

30. Install the front driveshaft assembly.

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

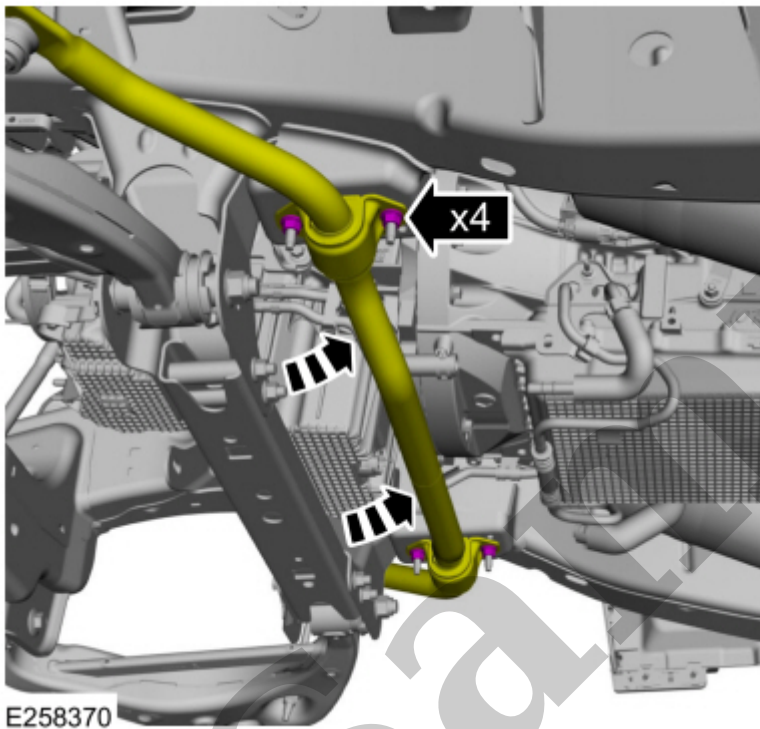
31. Check the transfer case fluid level.

Refer to: [Transfer Case Draining and Filling](#)(307-07B Transfer Case, General Procedures).

Rear Wheel Drive (RWD) vehicles

32. Install the new stabilizer bar bracket nuts.

Torque : 41 lb.ft (55 Nm)



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

All vehicles

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

Torque : 124 lb.in (14 Nm)

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

Refer to: [Adaptive Learning Drive Cycle](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, General Procedures).

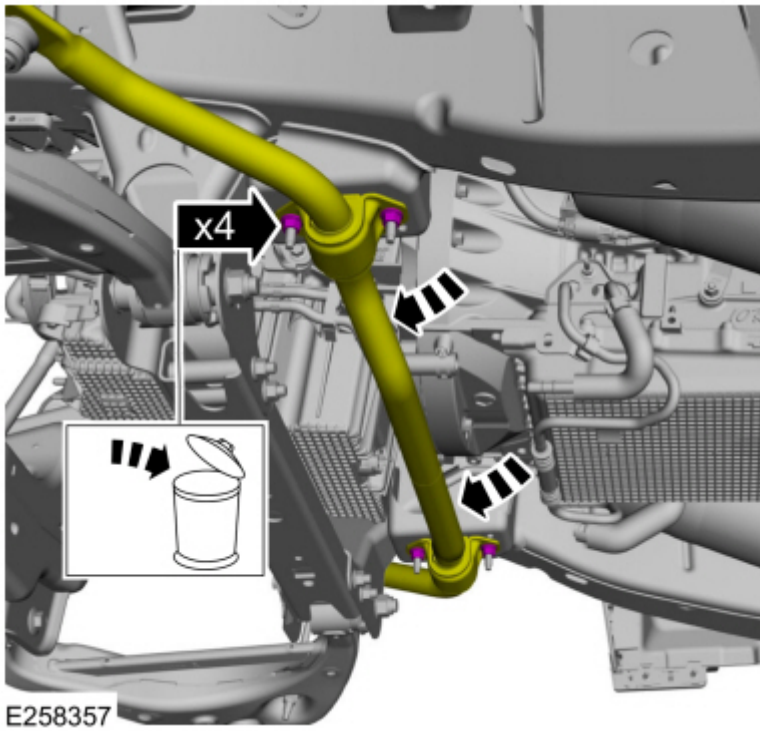
40. While driving the vehicle, use the scan tool to verify that the TFT (transmission fluid temperature) has reached a temperature of 96.7°C-102°C (206°F-215°F). This will circulate the transmission fluid through the torque converter and the transmission fluid cooling system, eliminating any trapped air in the transmission fluid cooling system.

41. Check the transmission fluid level

Refer to: [Transmission Fluid Level Check](#)(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.](#)

All vehicles

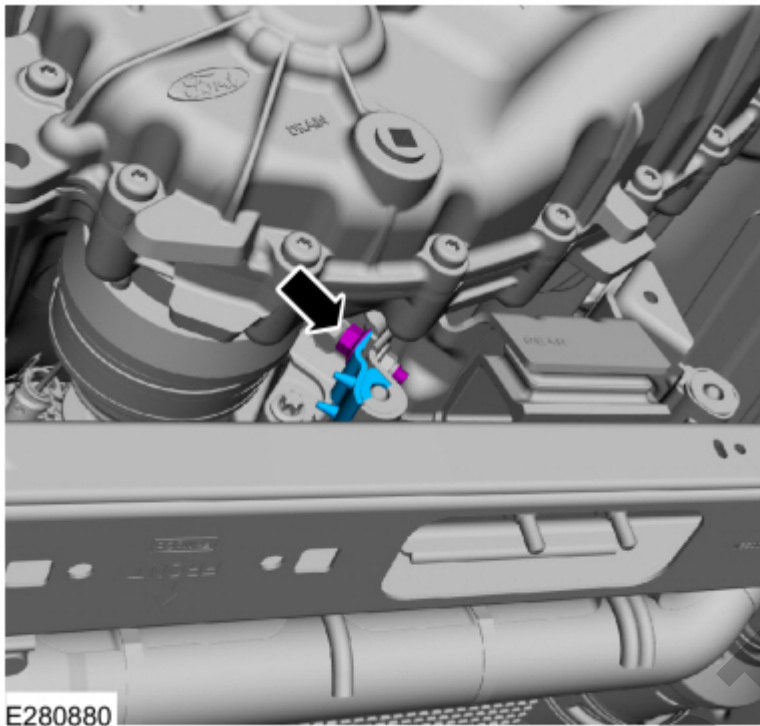
6. Remove the transmission fluid heat exchanger.

Refer to: [Transmission Fluid Heat Exchanger](#)(307-02A Transmission Cooling - 10-Speed Automatic Transmission – 10R80, Removal and Installation).

7. Remove the transmission fluid cooler tube nut and detach the retainer.

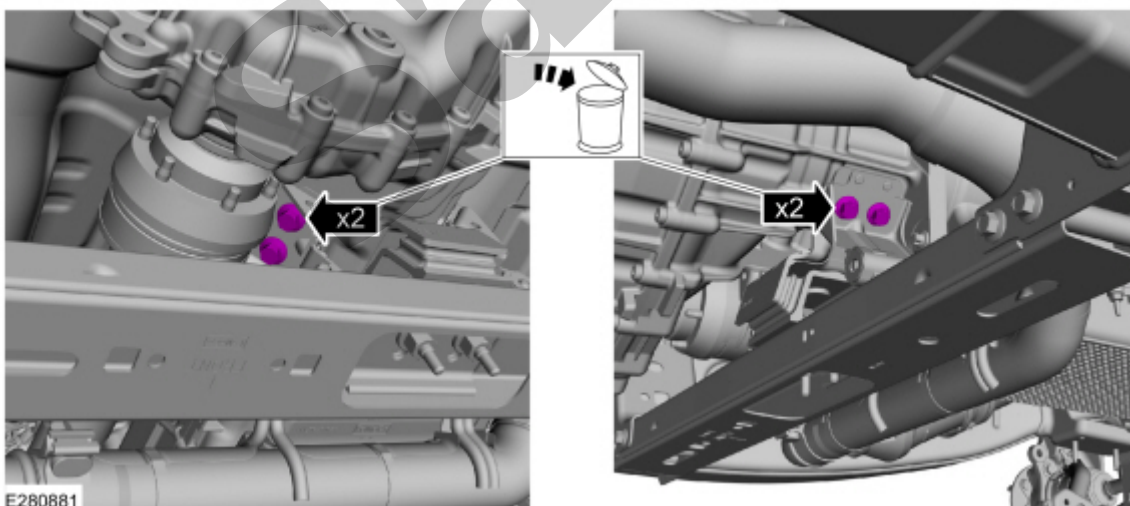
Four-Wheel Drive (4WD) vehicles

9. Remove the bolt and the LH (left-hand) isolator cap.



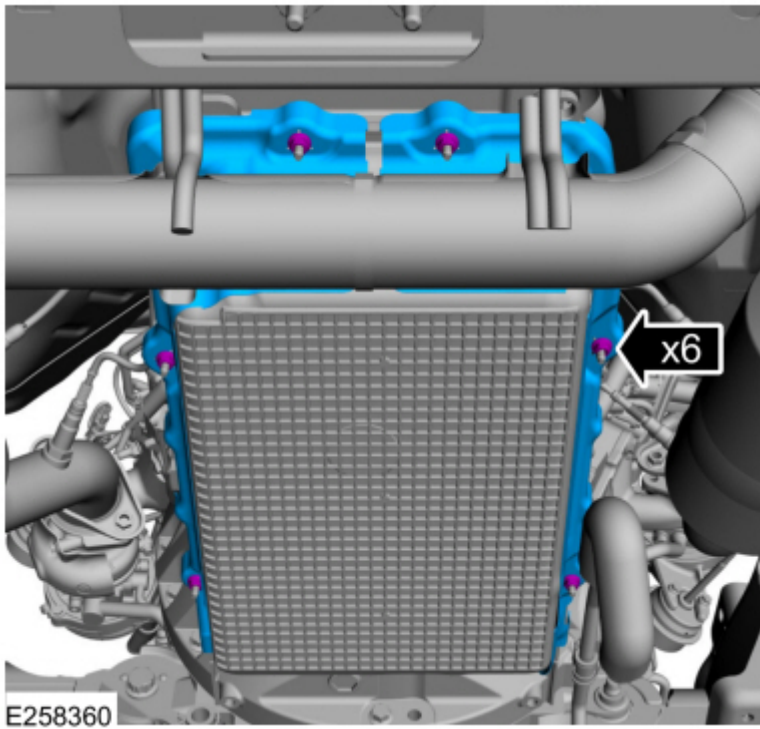
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

10. Remove and discard the RH (right-hand) and LH (left-hand) transmission support insulator bolts (W718353).



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

11. Using an adjustable stand and a wooden block, raise the rear of the transmission.



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

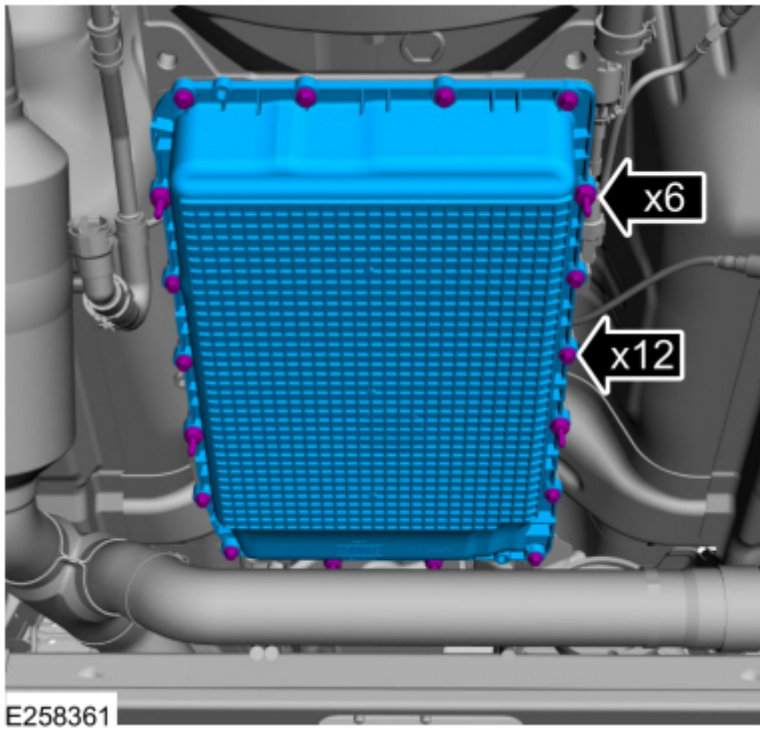
13. **NOTE**

If transmission disassembly or installation of a new transmission is necessary, drain the transmission fluid.

NOTE

Note the location of the bolts and studbolts for assembly.

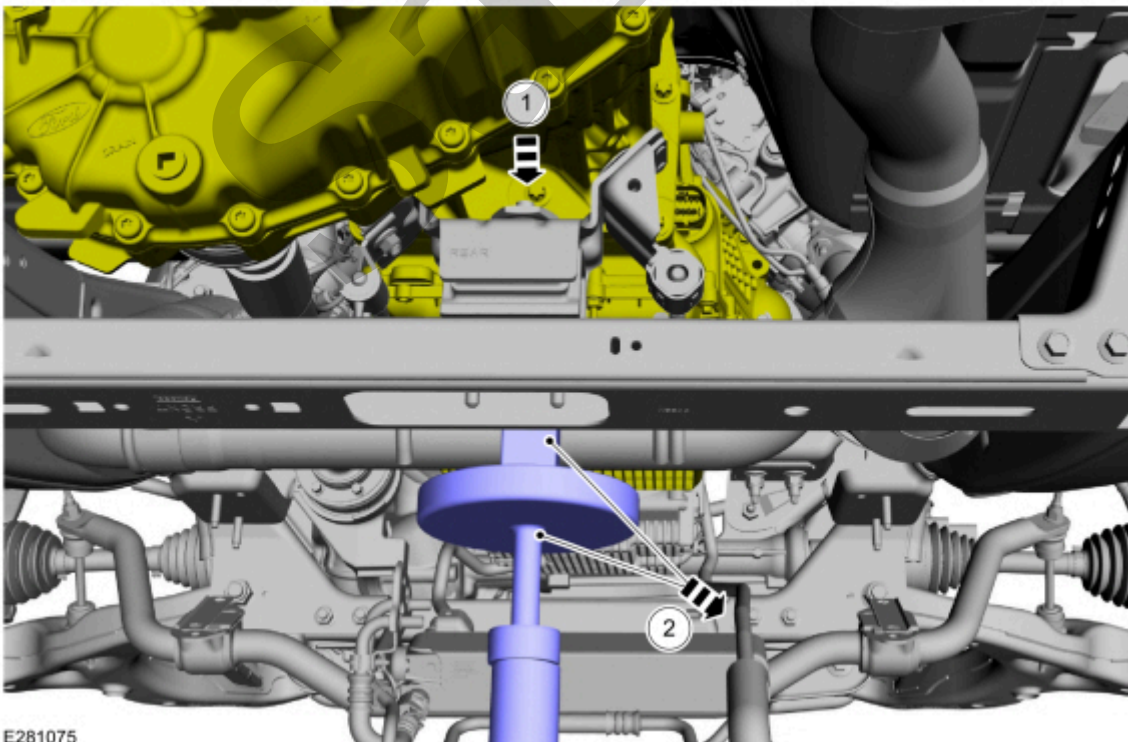
Remove the bolts, studbolts and the transmission fluid pan.

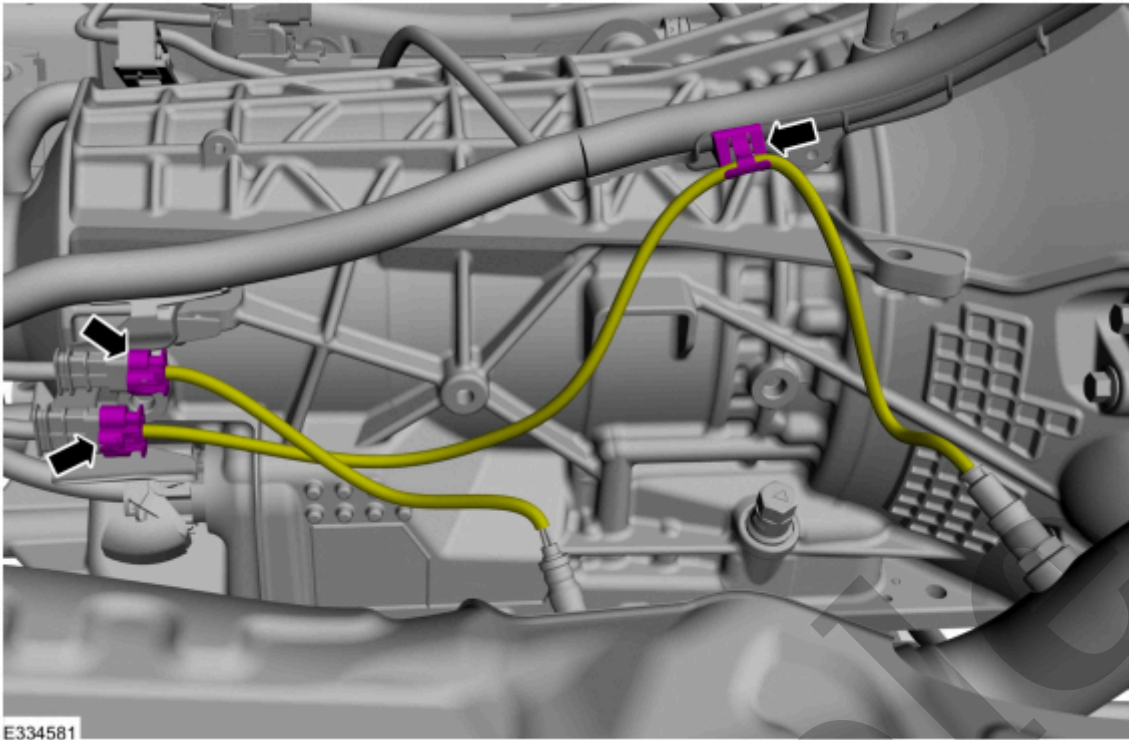


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Four-Wheel Drive (4WD) vehicles

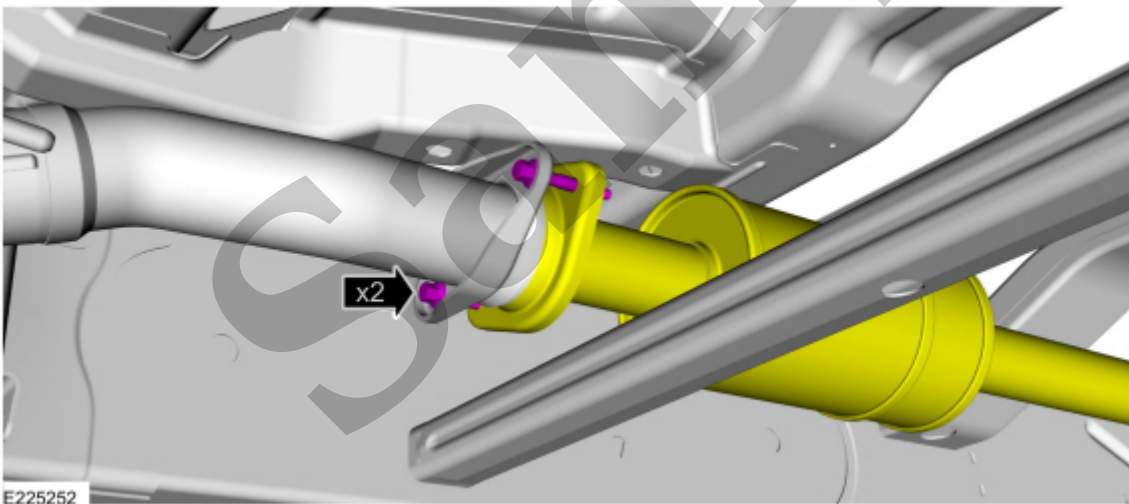
15. 1. Lower the transmission onto the transmission support insulator.
2. Remove the adjustable stand and wooden block.





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

20. Remove the bolts from the catalytic converter flange to the muffler inlet pipe.



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

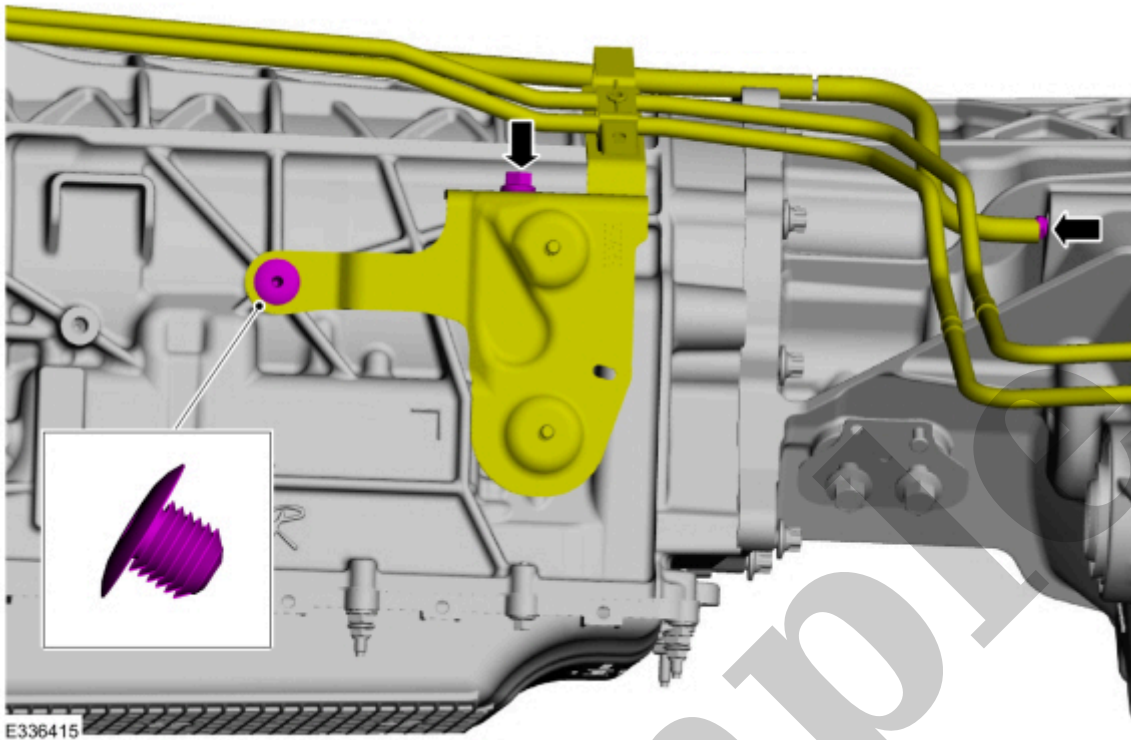
21. **NOTE**

Clean all exhaust connections before reassembly.

Remove and discard the catalytic converter nuts and remove the catalytic converter. Discard the gasket.

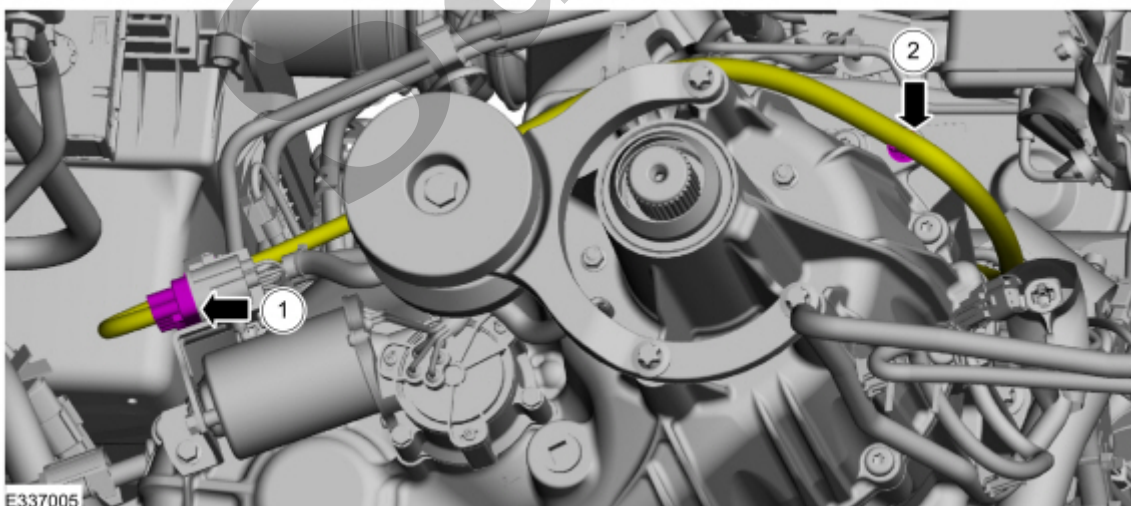
Four-Wheel Drive (4WD) vehicles

23. Remove the fuel line bracket bolt, pushpin and disconnect the transfer case vent tube.



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

24. 1. Disconnect the transfer case electrical connector.
2. Disconnect the transfer case electrical harness retainer.



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

All vehicles