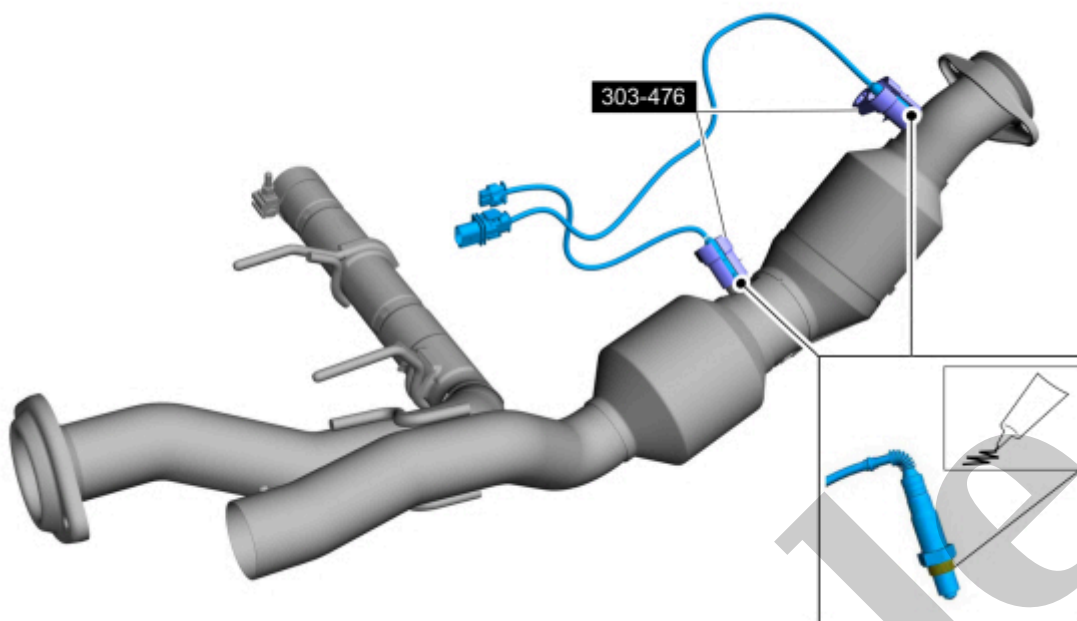


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2017 Ford Expedition Service and Repair Manual

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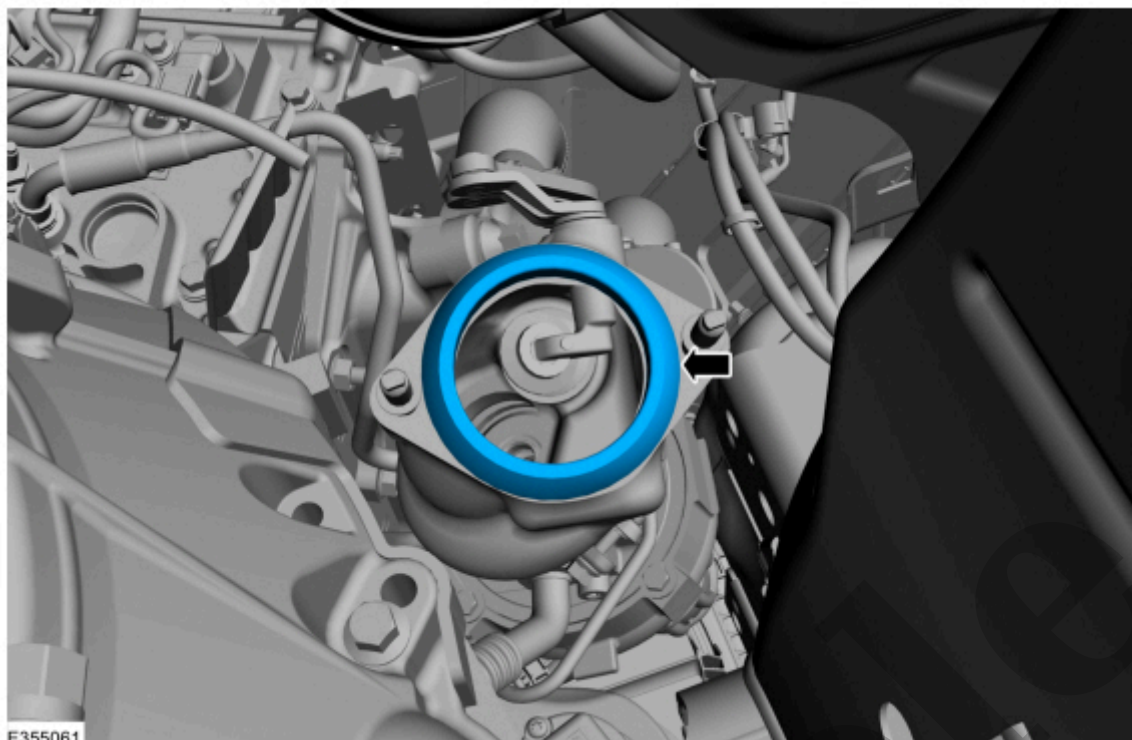
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3. NOTE

If required install the new studs.

Clean and inspect the studs.

Torque : 30 lb.ft (40 Nm)

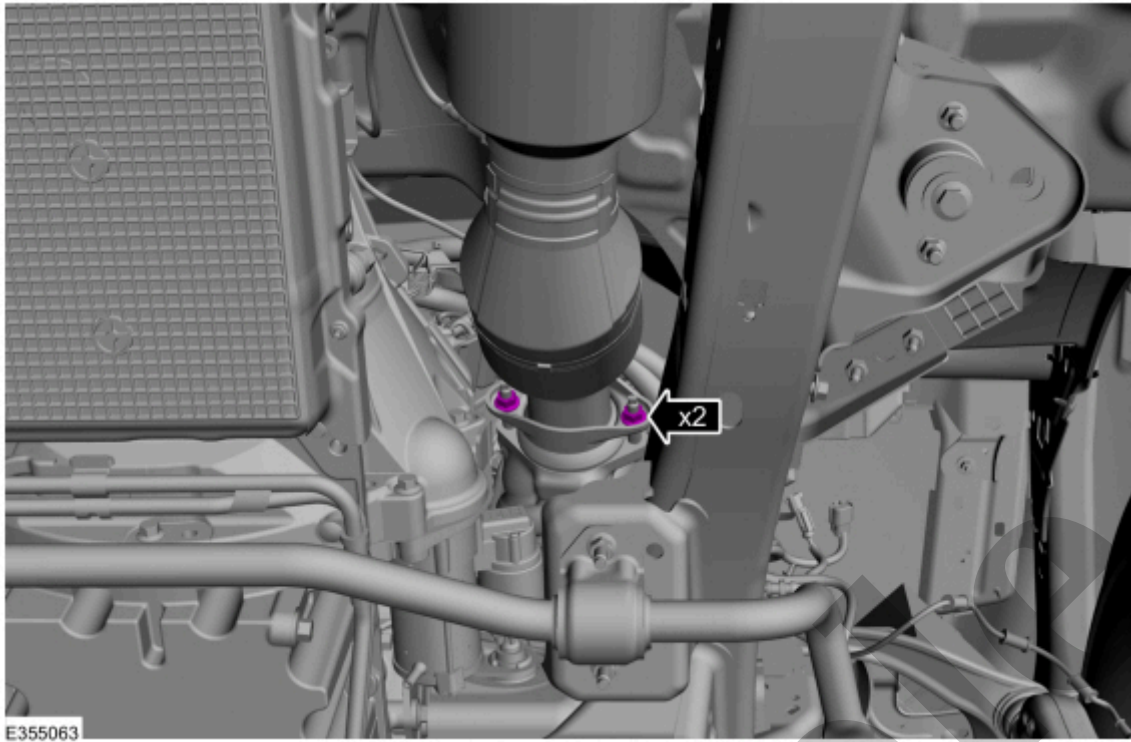


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5. **NOTE**

The new catalytic converter nuts are only finger tight at this step.

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



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

8. Install the LH catalytic converter.

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

9. Connect the electrical connectors and attach the wire clips.



Catalytic Converter RH

309-00C Exhaust System - 3.5L EcoBoost (BM)	2022 F-150
Removal and Installation	Procedure revision date: 07/22/2020

Catalytic Converter RH

Removal

NOTE

If the catalytic converter is not being replaced, the HO2S and the catalyst monitor sensor do not need to be removed from the catalytic converter. Disconnecting the electrical connectors is still necessary.

NOTE

The exhaust Y-pipe dual catalytic converter is a 2-piece assembly. The LH (left-hand) and RH (right-hand) converters can be serviced separately as needed.

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. Remove the LH catalytic converter.

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

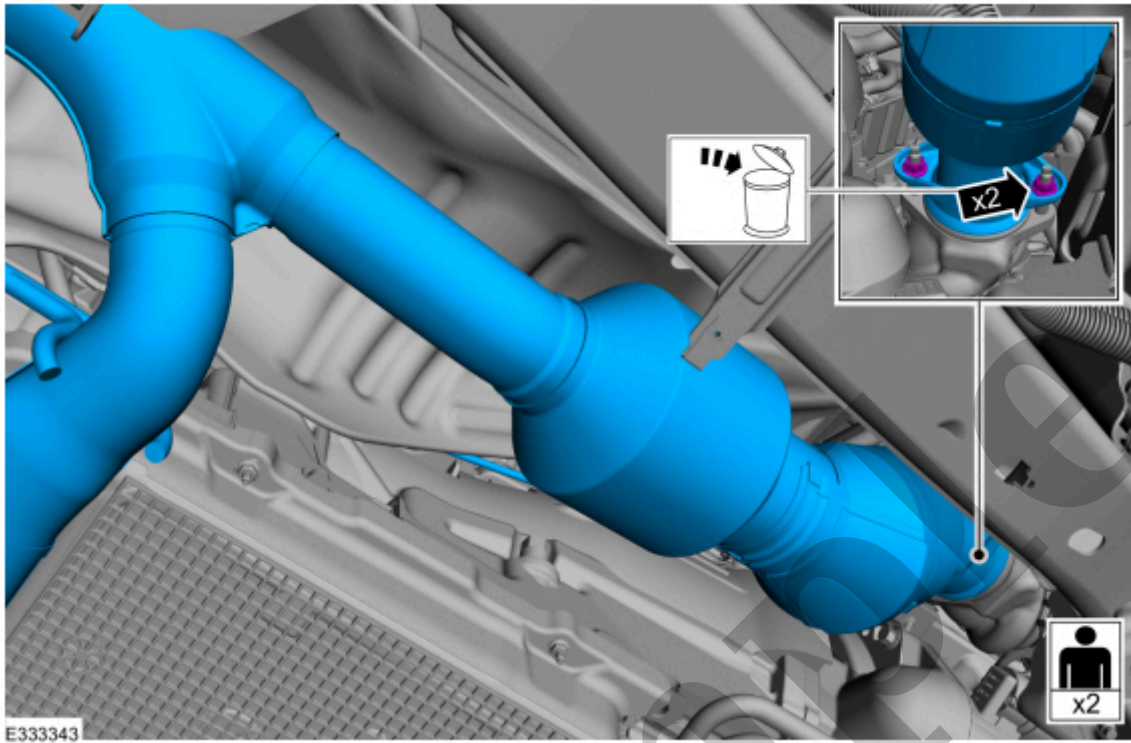
3. Remove the muffler inlet pipe.

Refer to: [Muffler Inlet Pipe](#)(309-00C Exhaust System - 3.5L EcoBoost (BM), Removal and Installation).

4. Disconnect the electrical connectors and detach the wire clips.

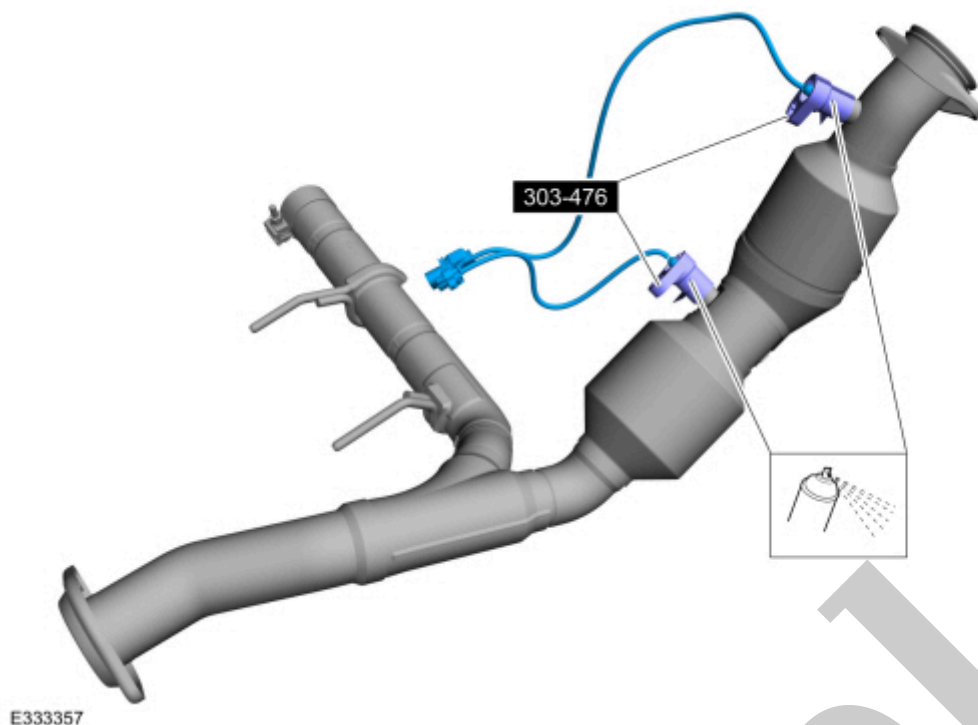
Refer to: [Transmission Support Insulator](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, Removal and Installation).

7. Remove and discard the nuts. Remove the RH (right-hand) catalytic converter .



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

8. Remove and discard the gasket.



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

Installation

1. Clean all exhaust connections before reassembly.

2. NOTE

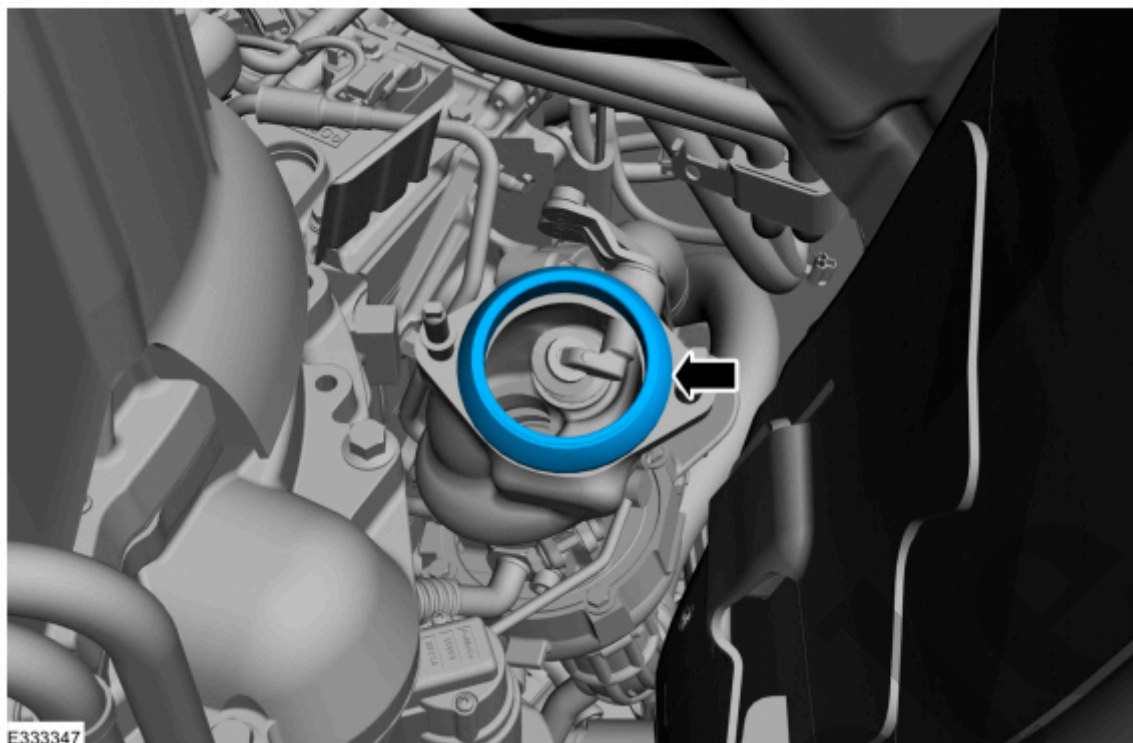
This step is only required if you are replacing with new components.

Apply anti-seize to thread of sensor. Using the special tool, install the HO2S (heated oxygen sensor) and the catalyst monitor sensors.

Use Special Service Tool : 303-476 (T94P-9472-A) Socket, Exhaust Gas Oxygen Sensor

Material : Motorcraft® High Temperature Nickel Anti-Seize Lubricant / XL-2

Torque : 35 lb.ft (48 Nm)

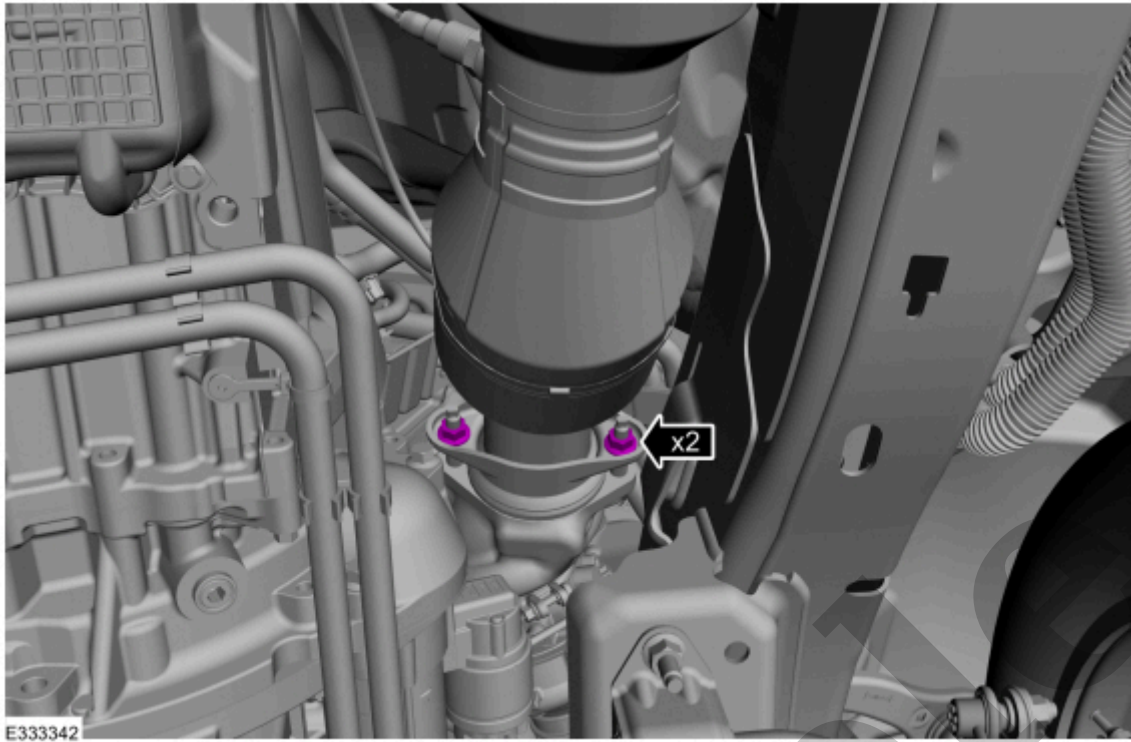


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4. **NOTE**

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

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



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

7. Install the LH catalytic converter.

Refer to: [Catalytic Converter LH](#)(309-00A Exhaust System - 2.7L EcoBoost (238kW/324PS), Removal and Installation).

8. Connect the electrical connectors and attach the wire clips.



Exhaust Tailpipe Actuator - Raptor

309-00C Exhaust System - 3.5L EcoBoost (BM)	2022 F-150
Removal and Installation	Procedure revision date: 07/14/2022

Exhaust Tailpipe Actuator - Raptor

Removal

NOTE

Removal steps in this procedure may contain installation details.

NOTE

RH (right-hand) side shown, LH (left-hand) similar.

All vehicles

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. Disconnect the exhaust tailpipe actuator electrical connector and the wire guide.