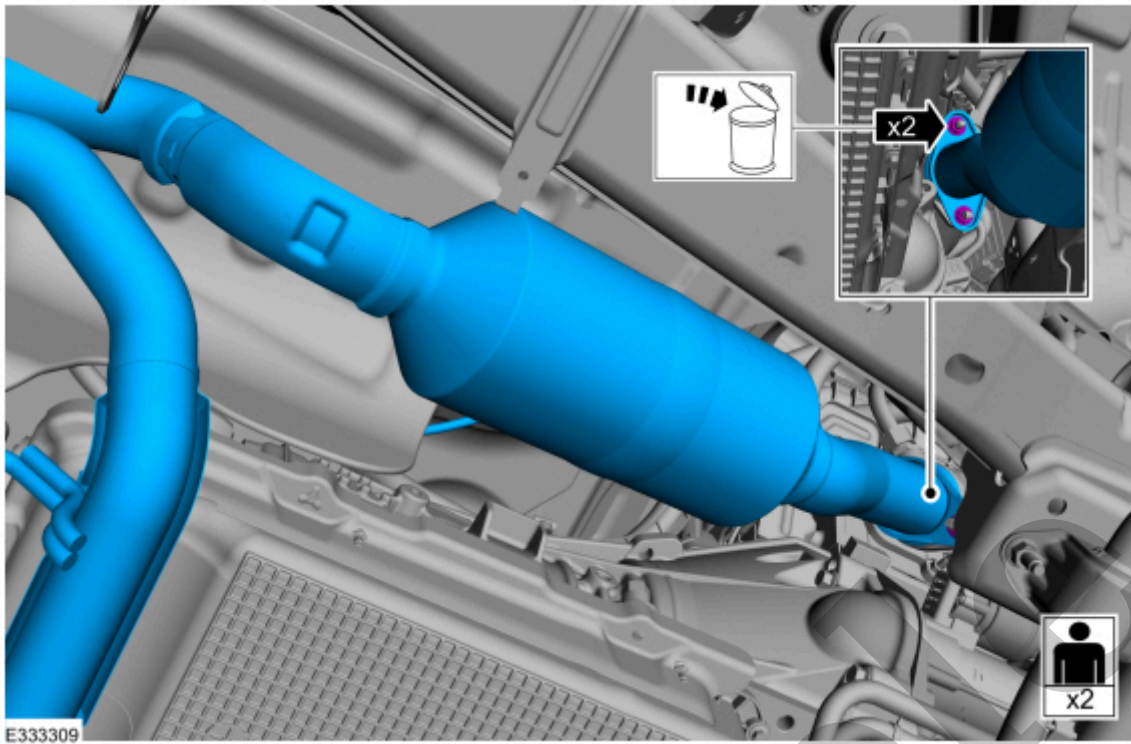


Your Ultimate Source for OEM Repair Manuals

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.

2017 Ford F-450 Super Duty Service and Repair Manual

[Go to manual page](#)



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

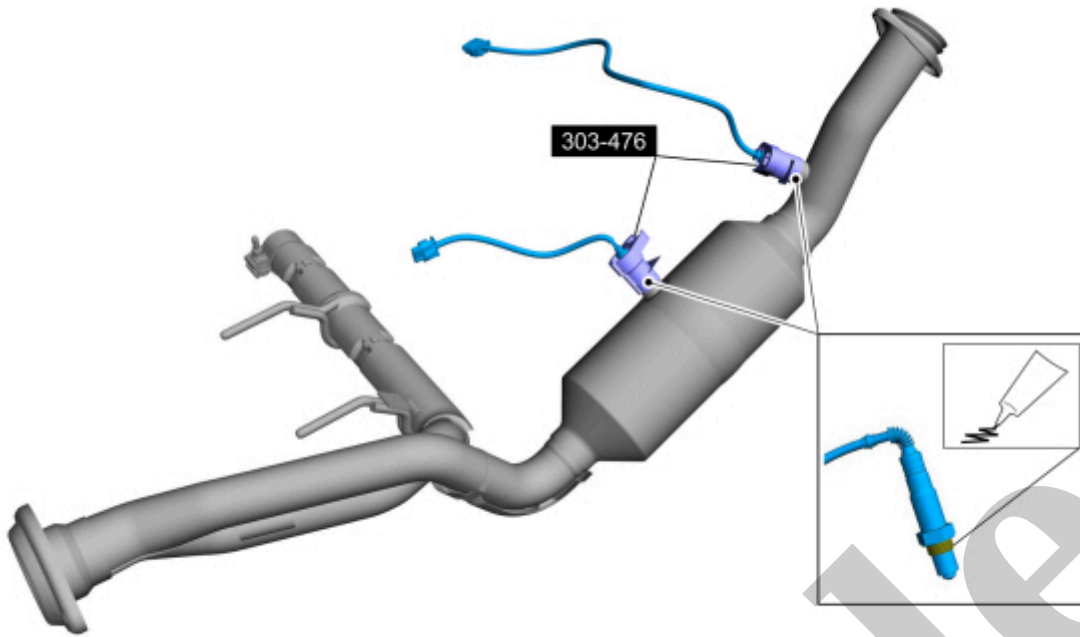
7. NOTE

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

Apply penetrating oil to sensor. Using the special tool, remove 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® Penetrating and Lock Lubricant / XL-1



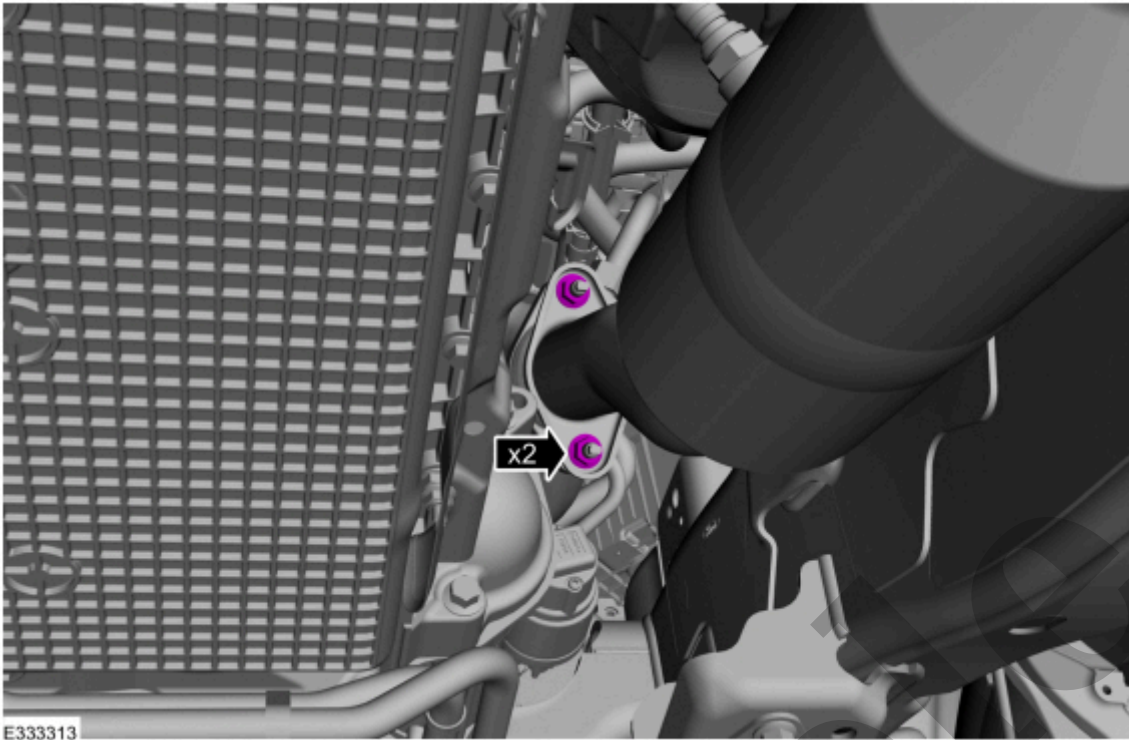
E333311

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

3. 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.

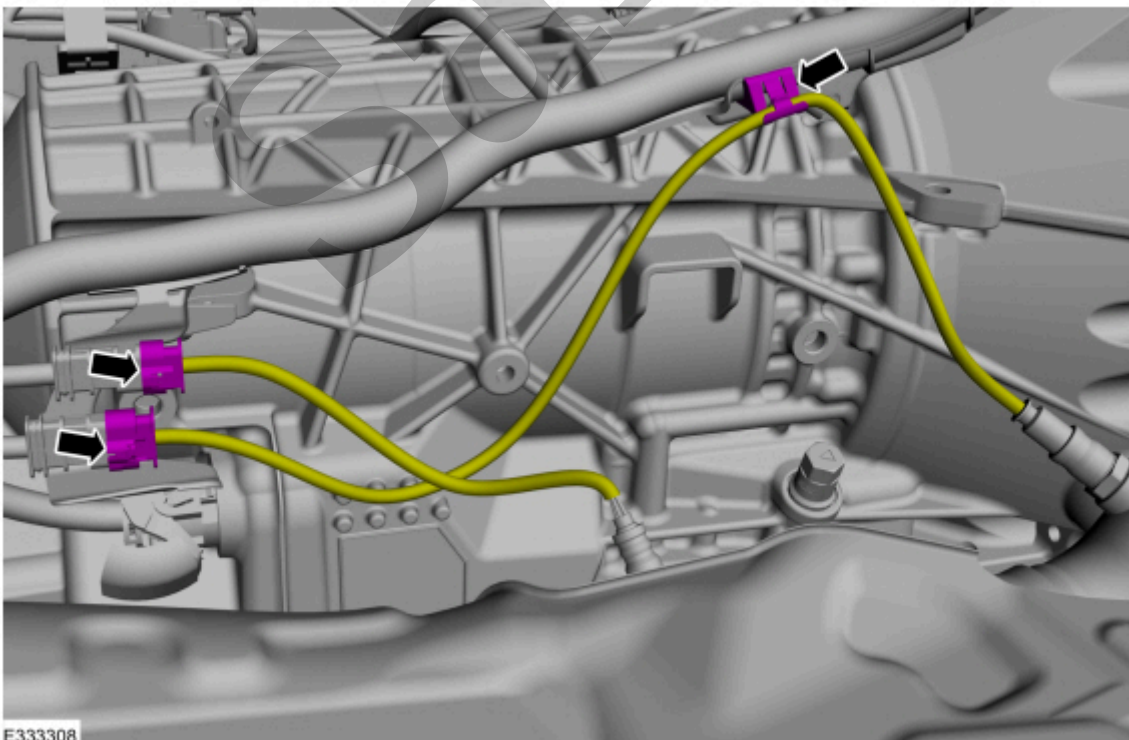


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

6. Install the LH catalytic converter.

Refer to: [Catalytic Converter LH\(309-00B Exhaust System - 3.3L Duratec-V6, Removal and Installation\)](#).

7. Install the retainers and connect the electrical connectors.



Muffler and Tailpipe

309-00B Exhaust System - 3.3L Duratec-V6	2022 F-150
Removal and Installation	Procedure revision date: 07/24/2020

Muffler and Tailpipe

Removal

NOTE

Muffler and tailpipe assemblies will vary in configuration with different wheelbases and powertrains. Typical application shown.

NOTE

Removal steps in this procedure may contain installation details.

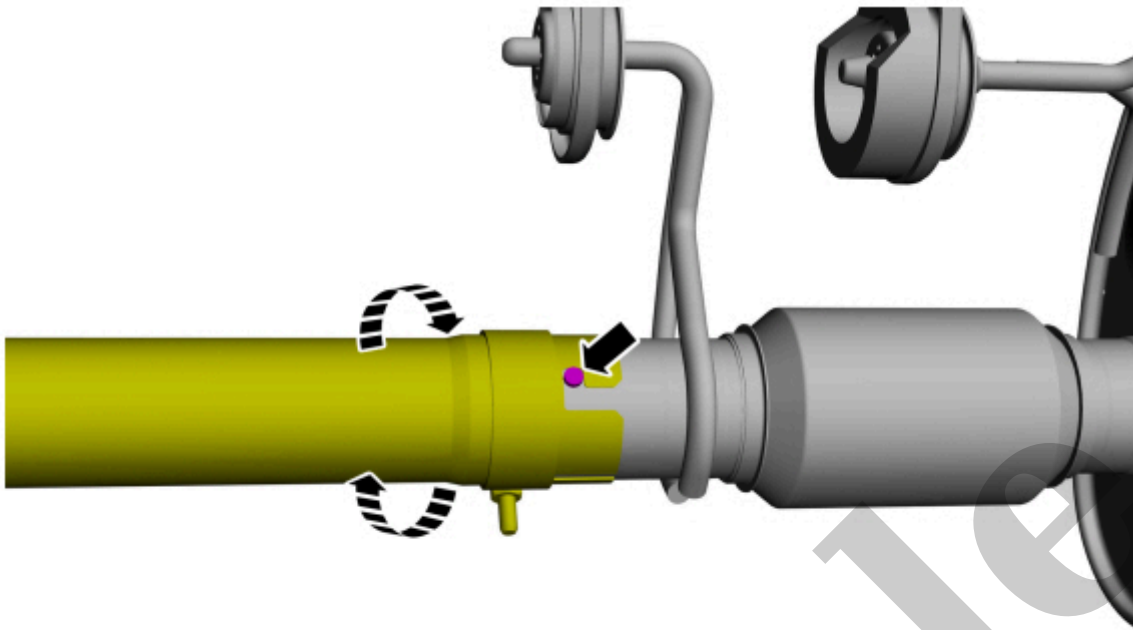
1. With the vehicle in NEUTRAL, position it on a hoist.

Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. Loosen the clamp.

Torque : 41 lb.ft (55 Nm)

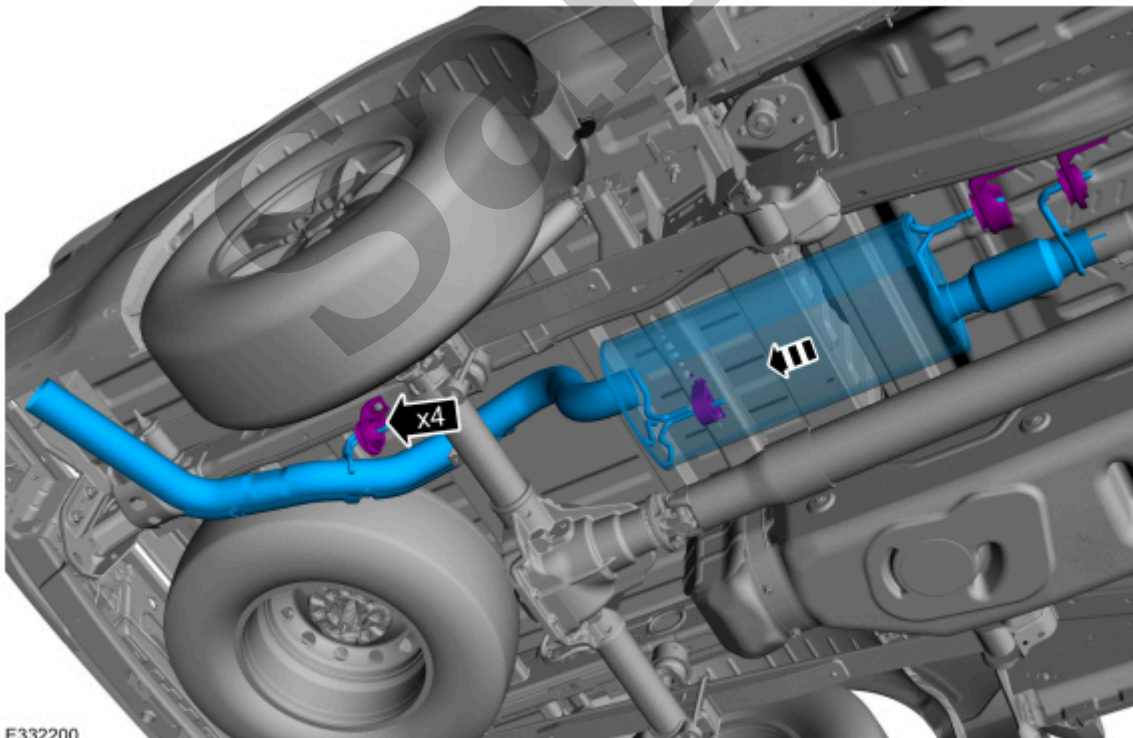
4. Rotate the muffler inlet pipe to allow the muffler and tailpipe assembly to be released.



E332247

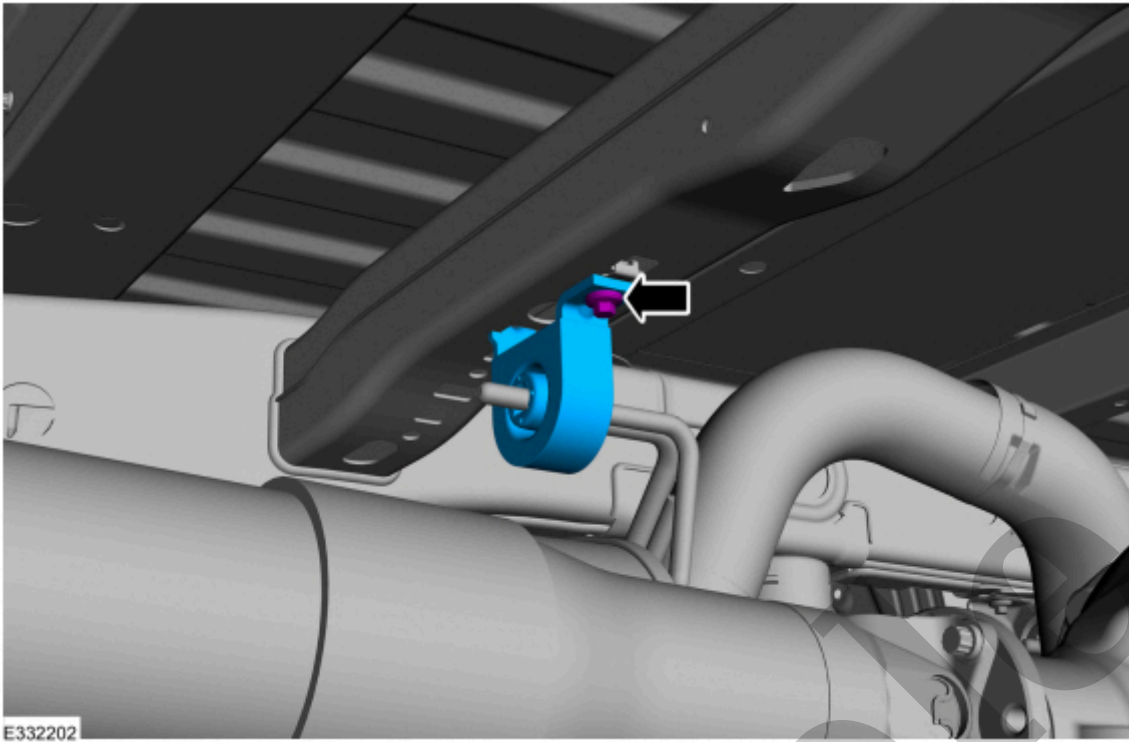
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

5. Slide the muffler and tailpipe rearward out of the isolators and remove the muffler and tailpipe.



E332200

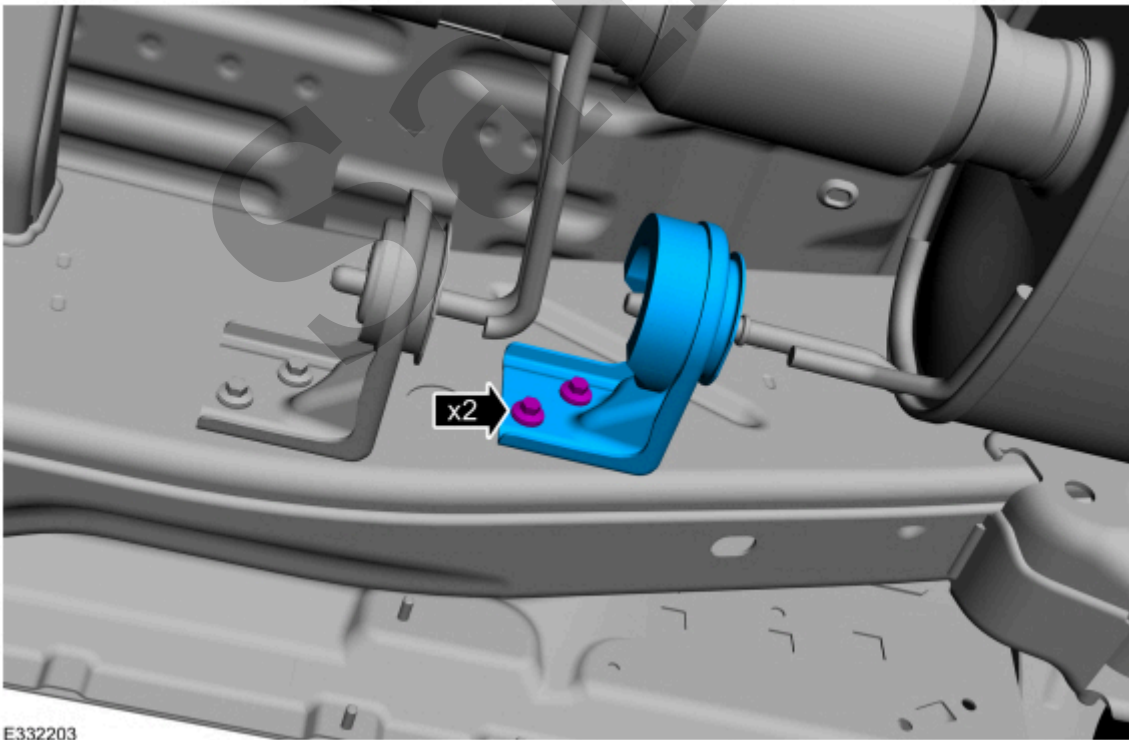
[Click here to learn about symbols, color coding, and icons used in this manual.](#)



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

8. Remove the bolts and the isolator.

Torque : 22 lb.ft (30 Nm)



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

Muffler Inlet Pipe

309-00B Exhaust System - 3.3L Duratec-V6	2022 F-150
Removal and Installation	Procedure revision date: 07/22/2020

Muffler Inlet Pipe

Removal

NOTE

Muffler inlet pipes will vary in configuration with different wheelbases and powertrains. Typical application shown.

NOTE

Removal steps in this procedure may contain installation details.

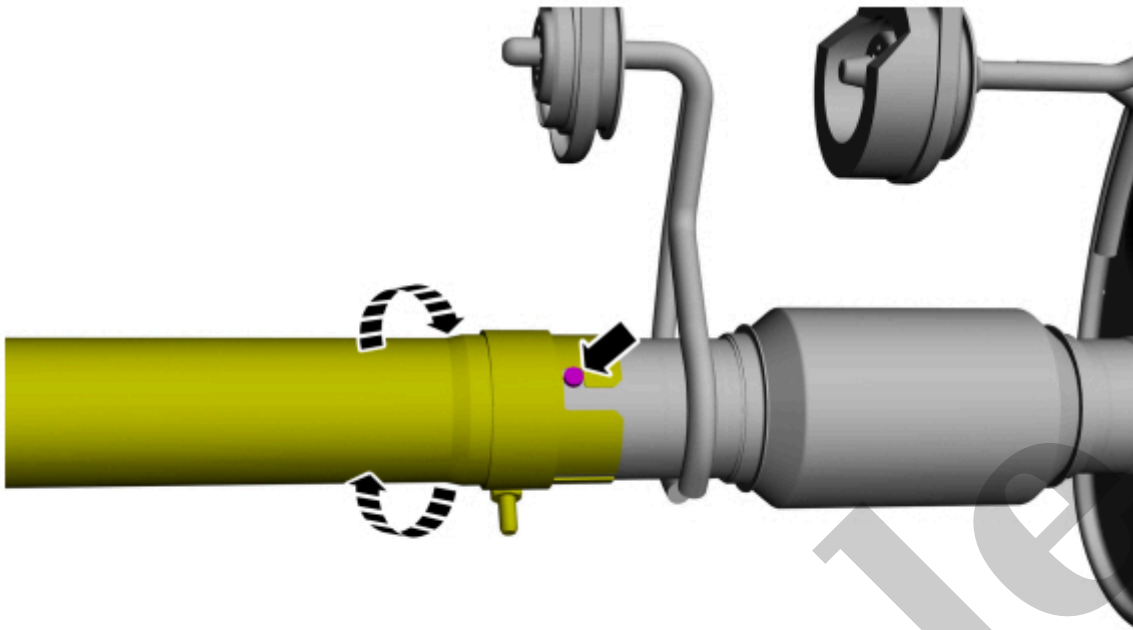
1. With the vehicle in NEUTRAL, position it on a hoist.

Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. Loosen the clamp.

Torque : 41 lb.ft (55 Nm)

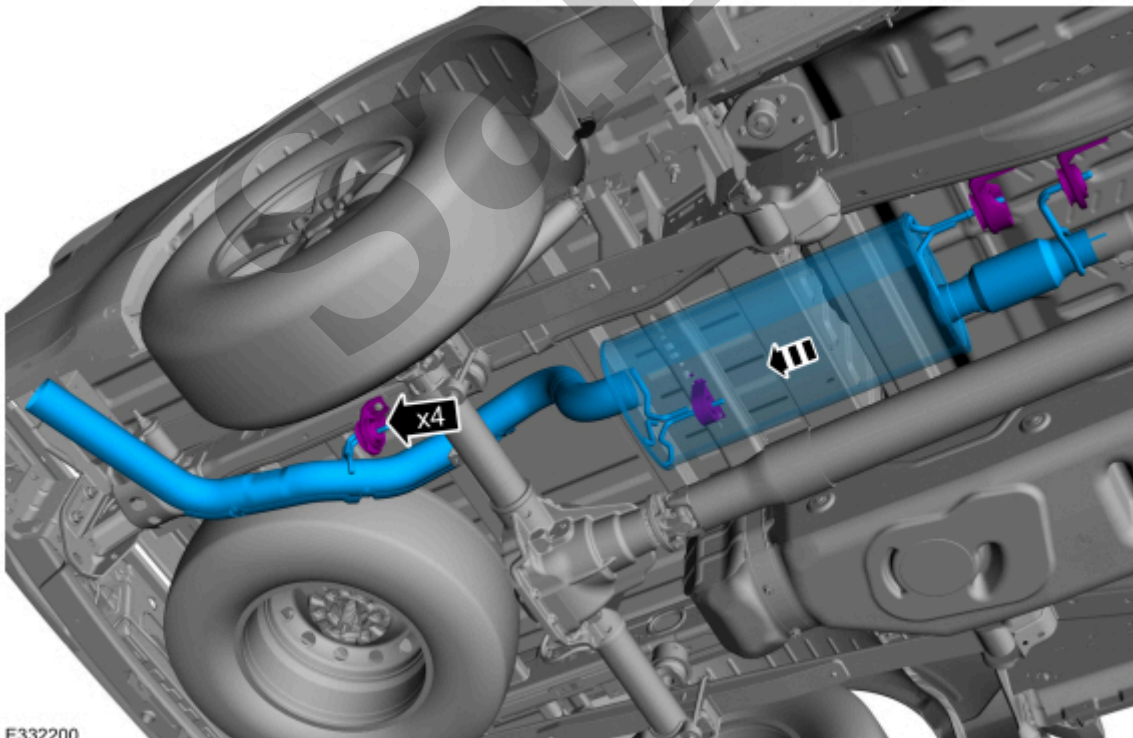
4. Rotate the muffler inlet pipe to allow the muffler and tailpipe assembly to be released.



E332247

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

5. Slide the muffler and tailpipe rearward out of the insulators and remove the muffler and tailpipe.



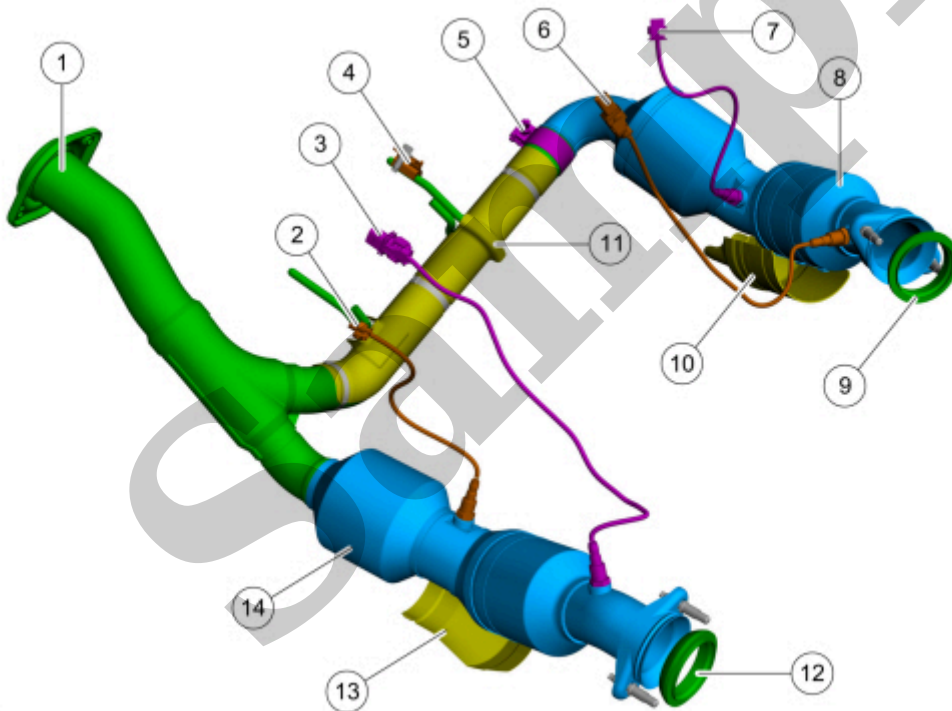
E332200

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

Exhaust System - Component Location

309-00C Exhaust System - 3.5L EcoBoost (BM)	2022 F-150
Description and Operation	Procedure revision date: 06/6/2020

Exhaust System - Component Location



E330805

Exhaust hot end assembly

Item	Description
1	Exhaust Y-pipe
2	RH (right-hand) exhaust gas oxygen sensor - downstream