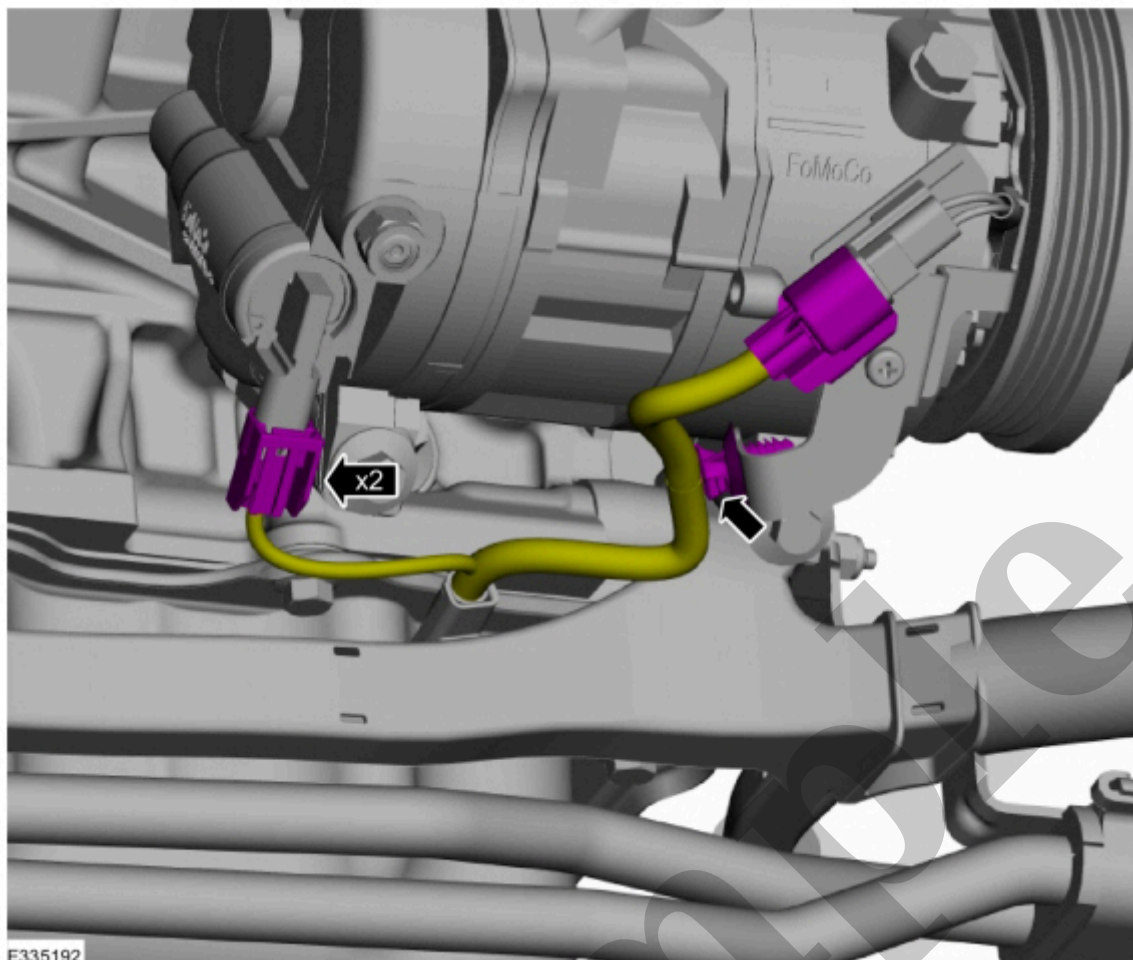


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2016 Ford Transit-250 Service and Repair Manual

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15. Install the A/C compressor belt.

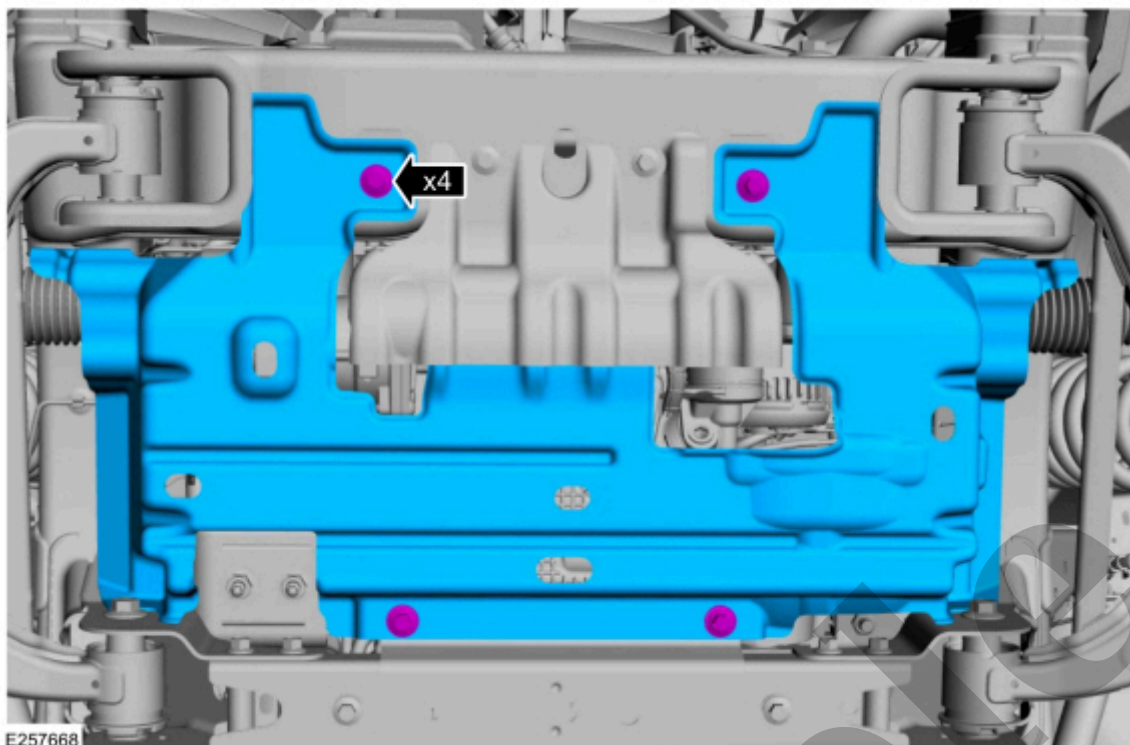
Refer to: [Air Conditioning \(A/C\) Compressor Belt](#)(303-05E Accessory Drive - 5.0L 32V Ti-VCT, Removal and Installation).

16. **NOTE**

If equipped.

Install the skid plate and bolts.

Torque : 30 lb.ft (40 Nm)



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18. **NOTE**

If equipped.

Install the underbody shield and the bolts.

Torque : 71 lb.in (8 Nm)



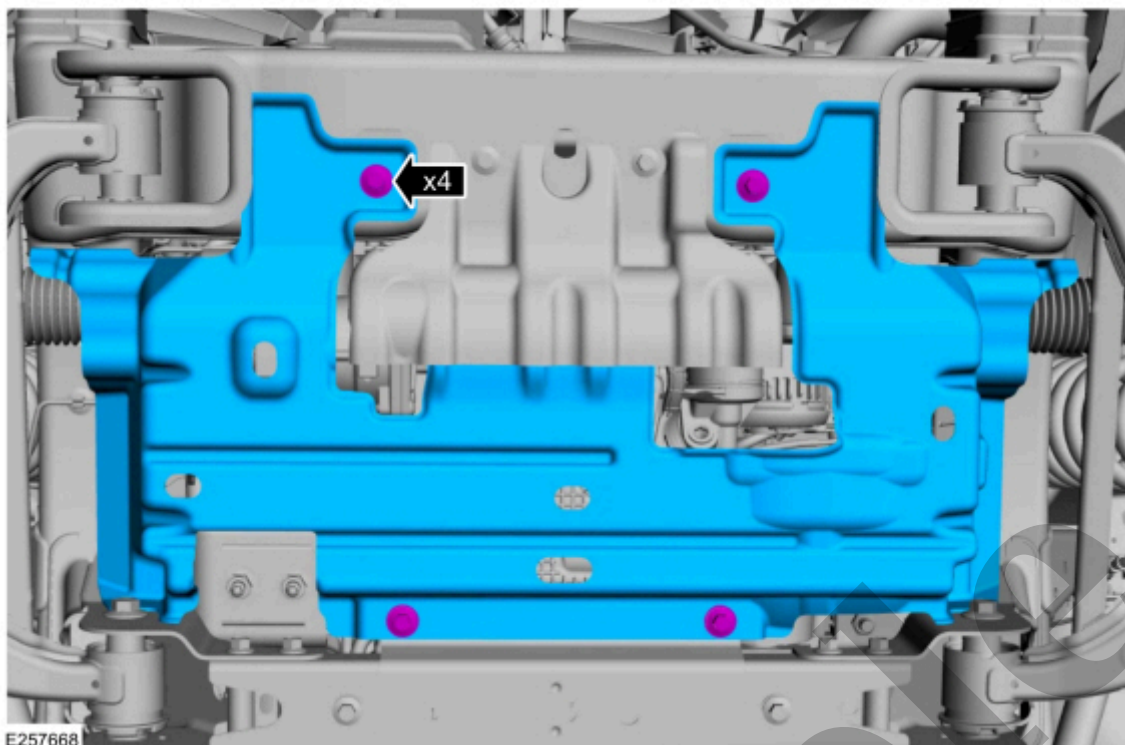
Exhaust Manifold LH

303-01E Engine - 5.0L 32V Ti-VCT	2022 F-150
Removal and Installation	Procedure revision date: 10/1/2020

Exhaust Manifold LH

Removal

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 battery ground cable.
Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).
3. Remove the following items:
 1. Air cleaner outlet pipe.
Refer to: [Air Cleaner Outlet Pipe](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).
 2. Air cleaner.
Refer to: [Air Cleaner](#)(303-12E Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).
 3. LH (left-hand) wheel and tire.
Refer to: [Wheel and Tire](#)(204-04A Wheels and Tires, Removal and Installation).
 4. LH (left-hand) fender splash shield.
Refer to: [Fender Splash Shield](#)(501-02 Front End Body Panels, Removal and Installation).

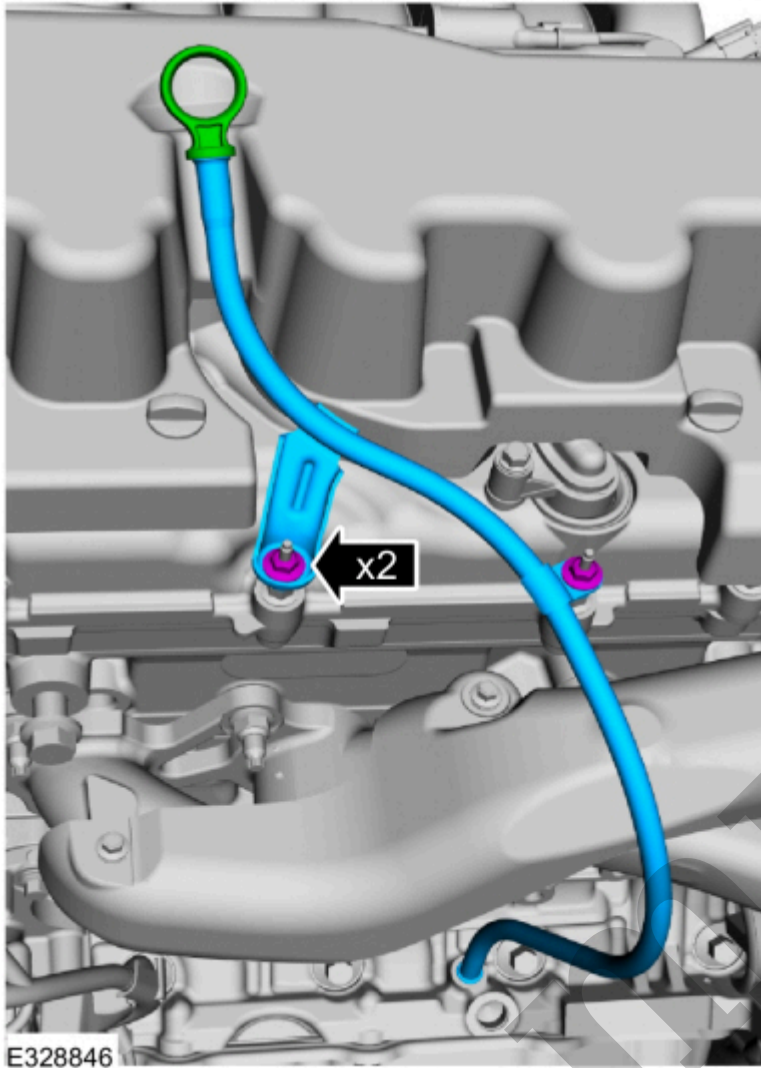


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6. **NOTE**

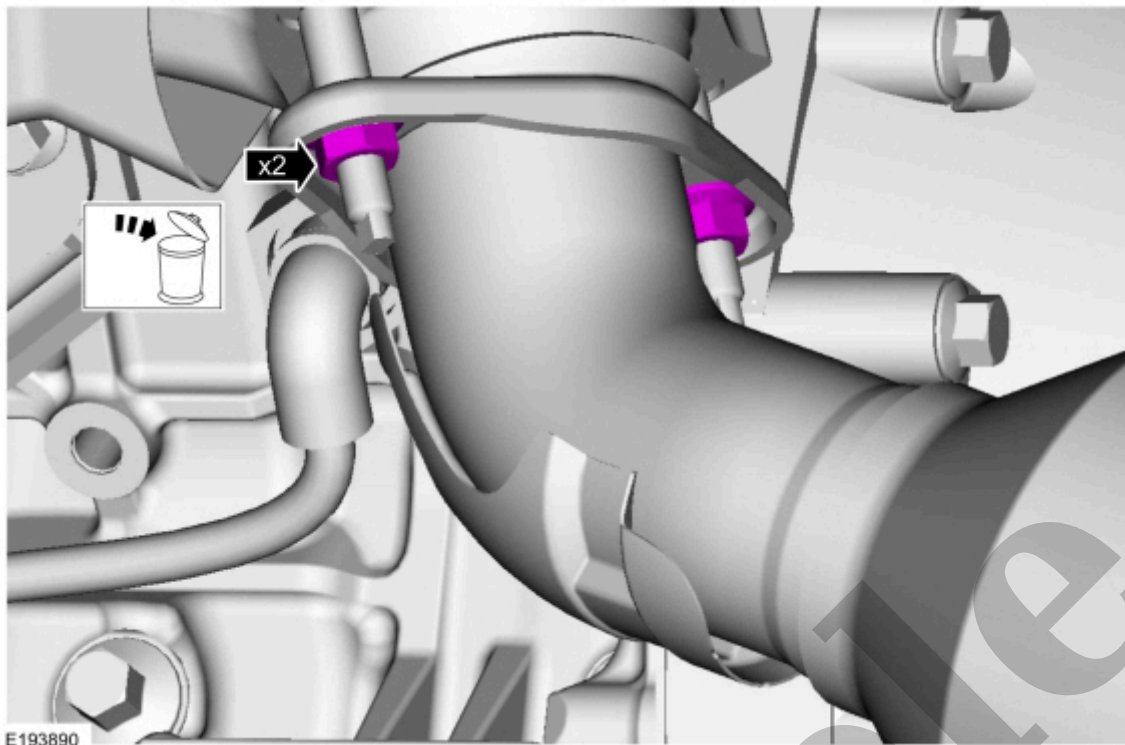
If equipped.

Remove the bolts and the skid plate.



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8. Inspect the O-ring seal and replace as necessary.

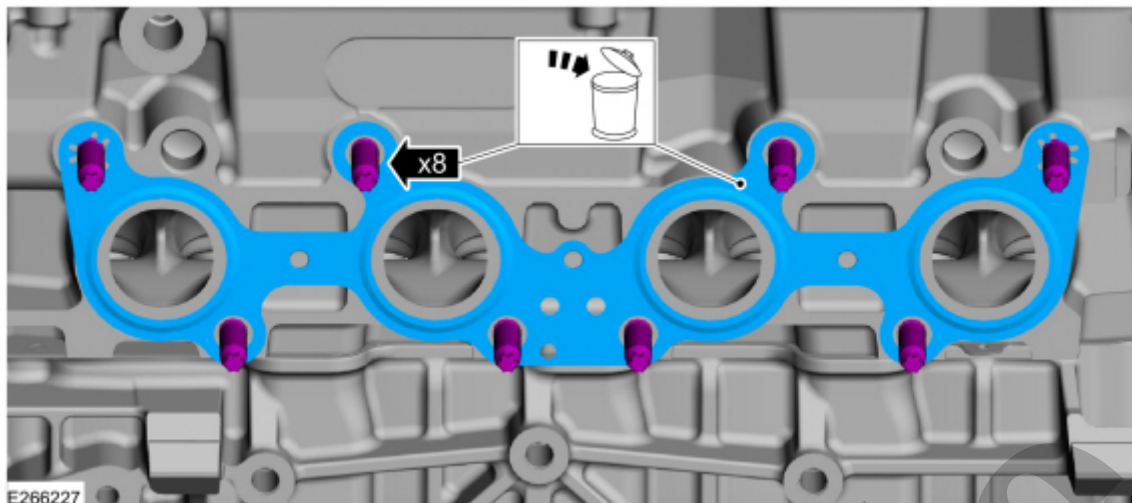


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11.
 1. Loosen the LH (left-hand) catalytic converter-to- RH (right-hand) catalytic converter Torca® clamp.
 2. Lower the catalytic converter to disengage the catalytic converter flange from the LH (left-hand) exhaust manifold studs.

 - Clean the catalytic converter-to-manifold mating surface.

13. Remove and discard the gasket and studs.

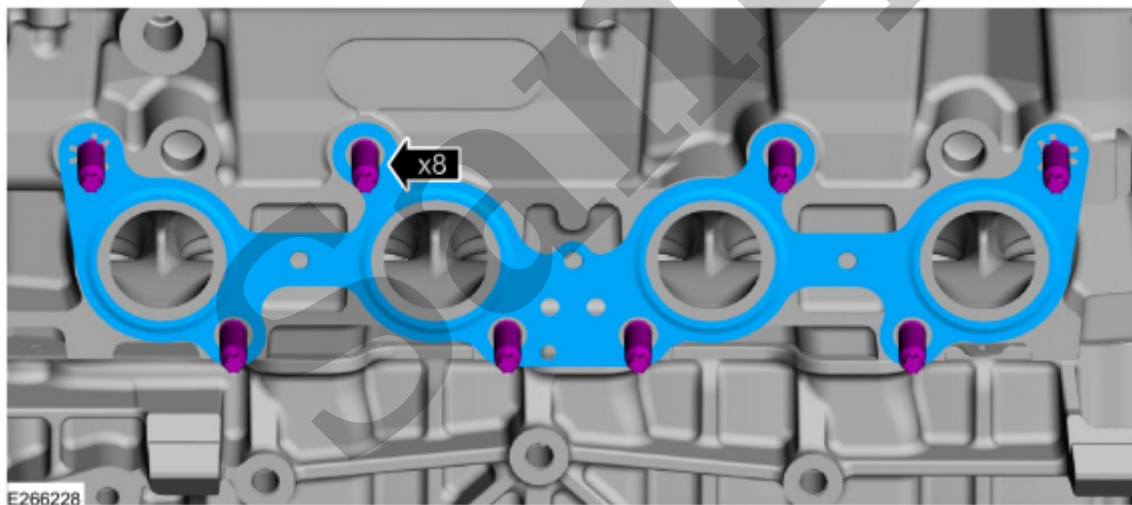


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Installation

1. Install new studs and new gasket.

Torque : 18 lb.ft (25 Nm)



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2. Install the exhaust manifold.

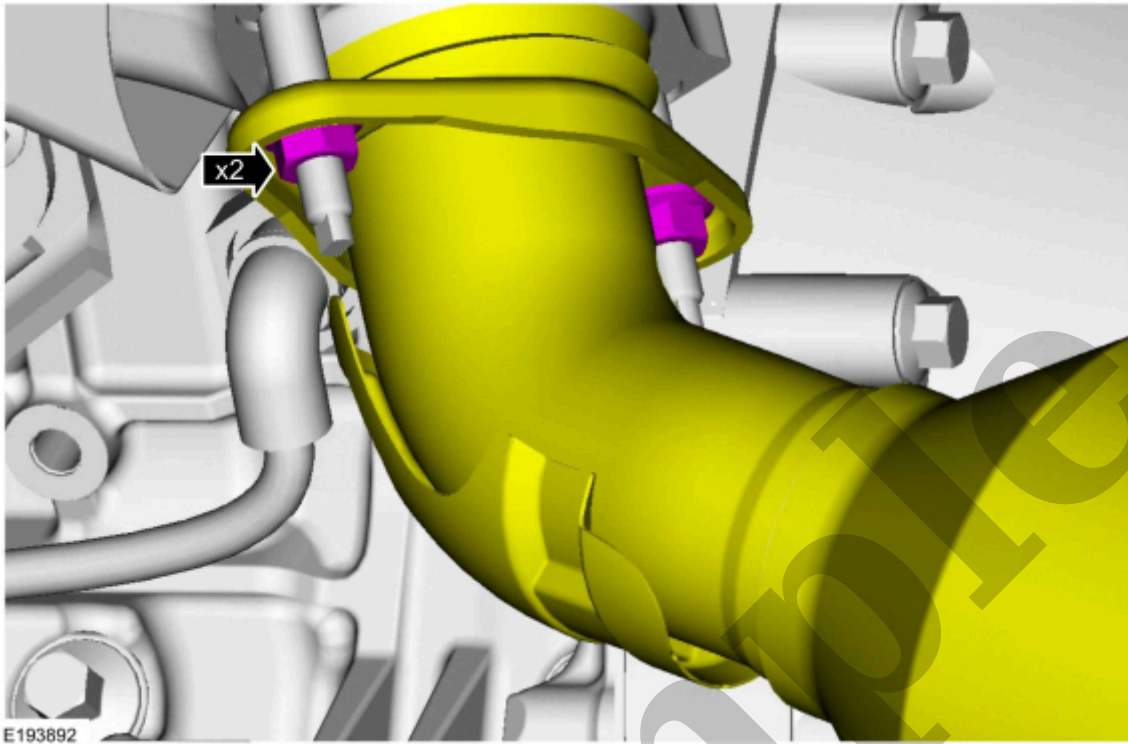
- Install the new nuts.

Torque :

Stage 1: 18 lb.ft (24 Nm)

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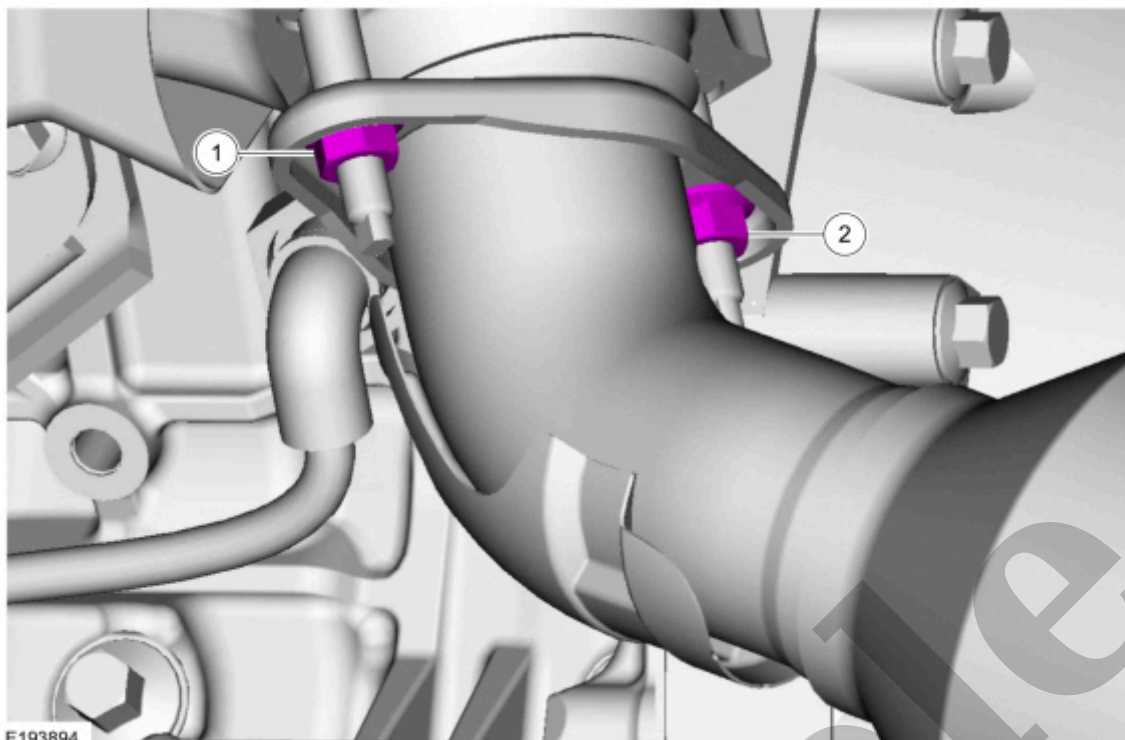
4. Position the LH (left-hand) catalytic converter onto the exhaust manifold and loosely install the new nuts.



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5. Tighten the Torca® clamp.

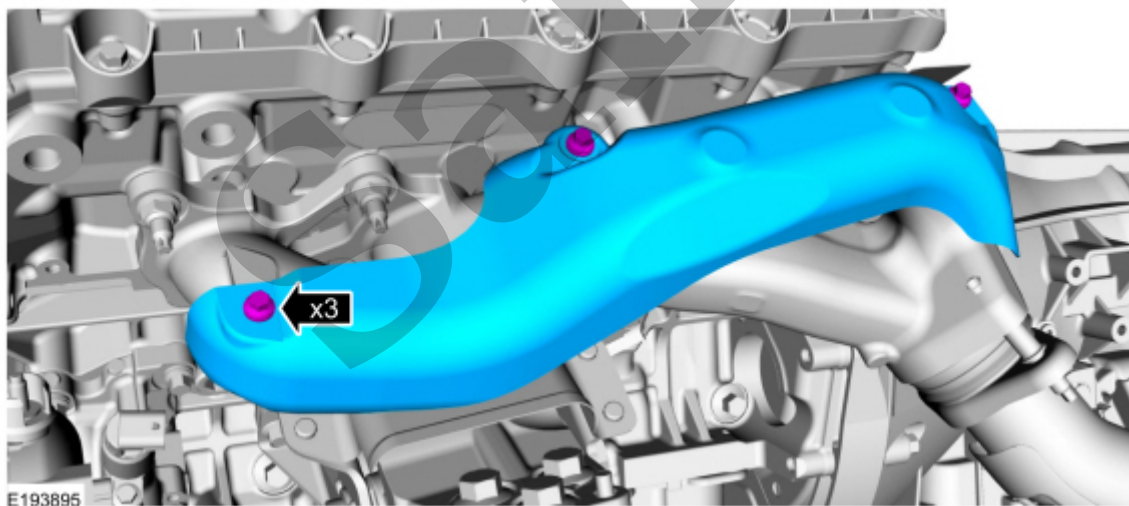
Torque : 41 lb.ft (55 Nm)



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7. Install the heat shield and bolts.

Torque : 106 lb.in (12 Nm)



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8. Lubricate the O-ring seal with clean engine oil.