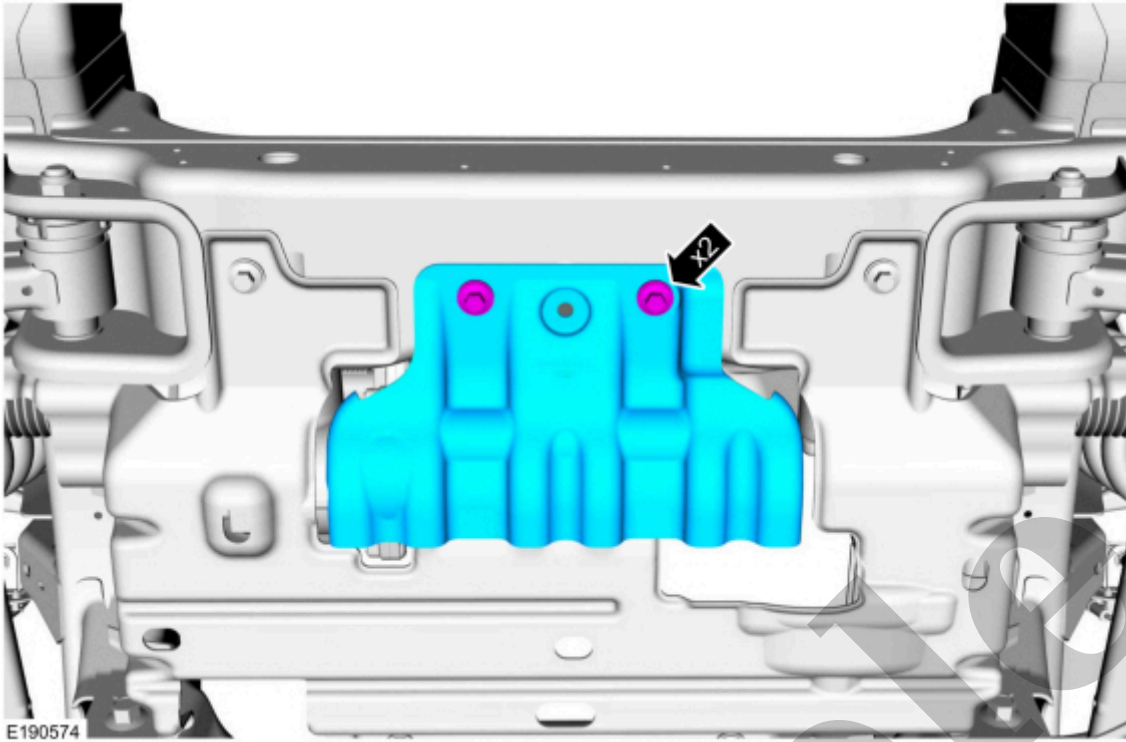


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2021 Ford Transit-250 Service and Repair Manual

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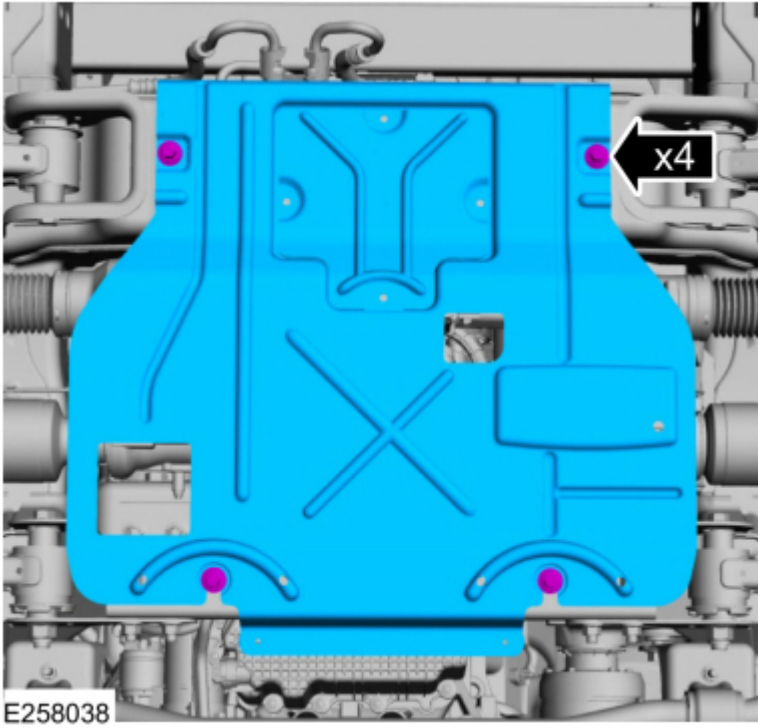


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3. **NOTE**

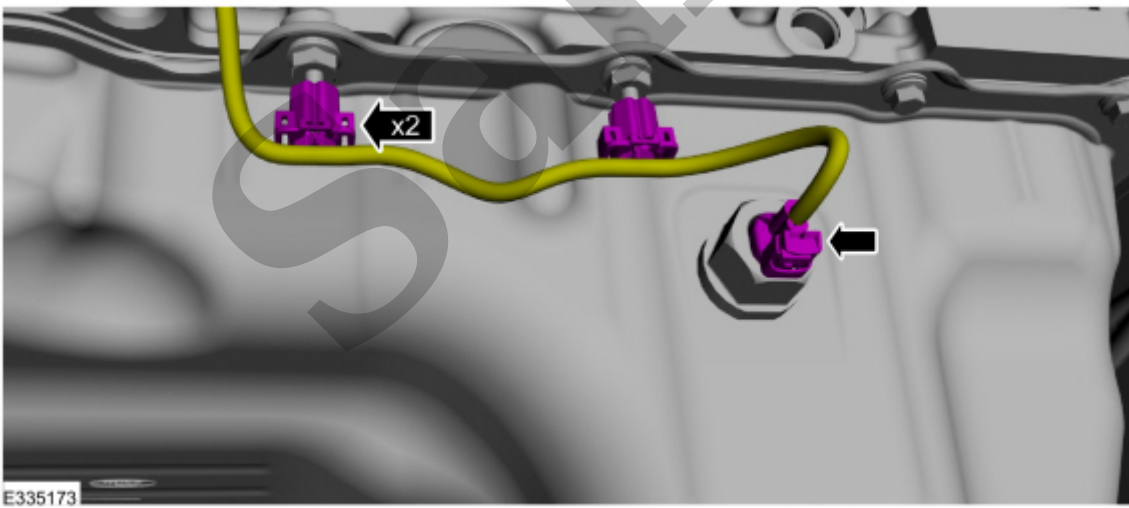
If equipped.

Remove the fasteners and the underbody shield.



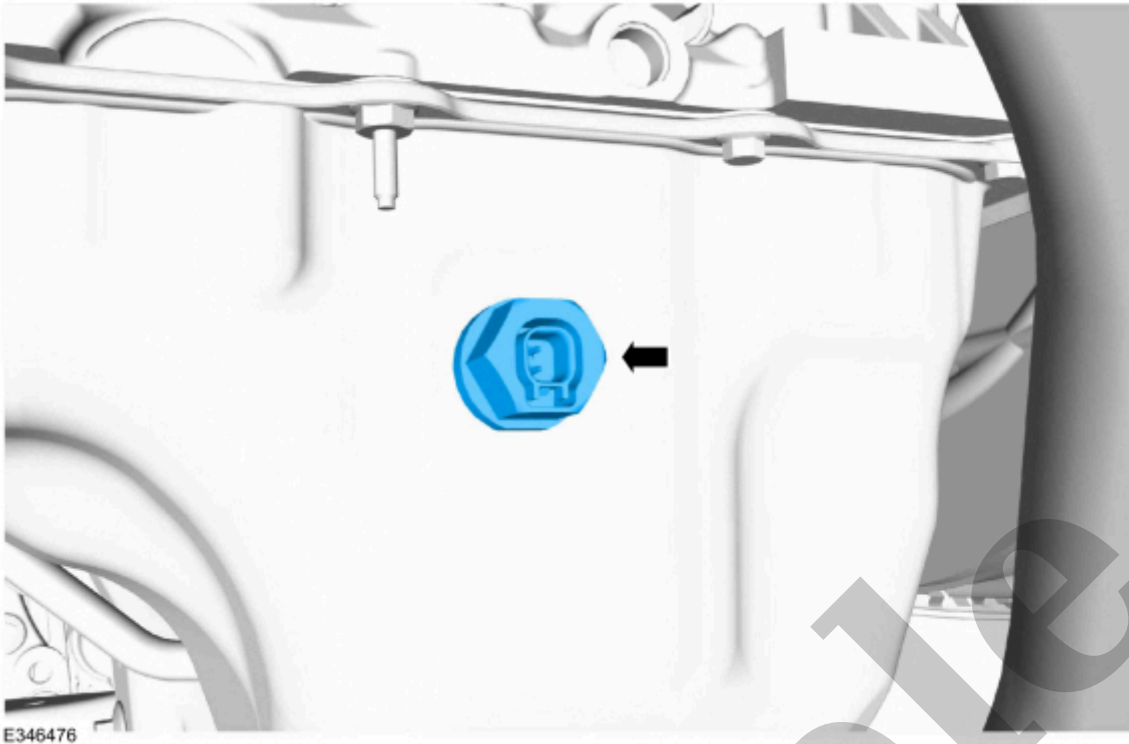
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5.
 1. Disconnect the oil level sensor electrical connector.
 2. Detach the wiring harness retainers.



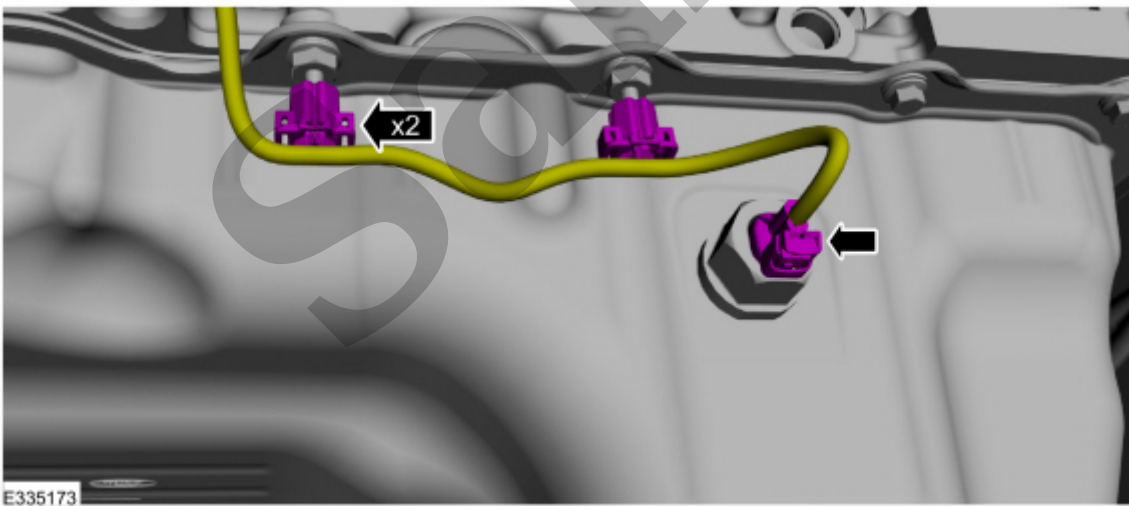
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6. Remove the engine oil level sensor.



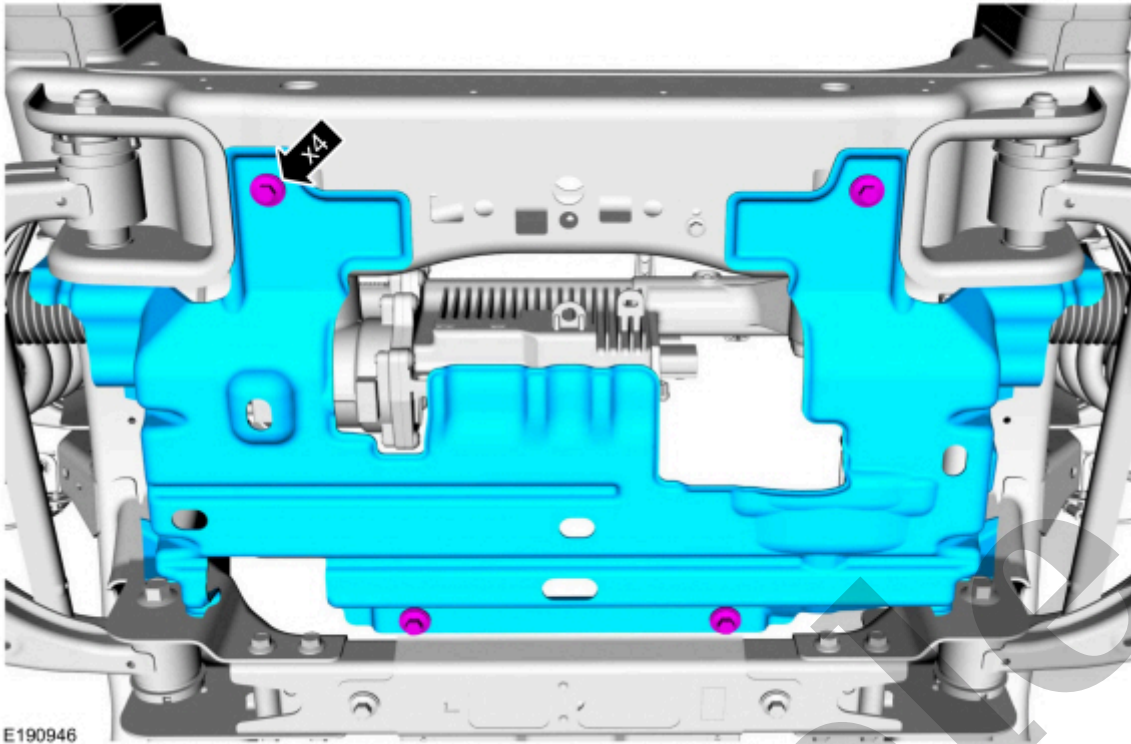
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2. 1. Connect the oil level sensor electrical connector.
2. Attach the wiring harness retainers.



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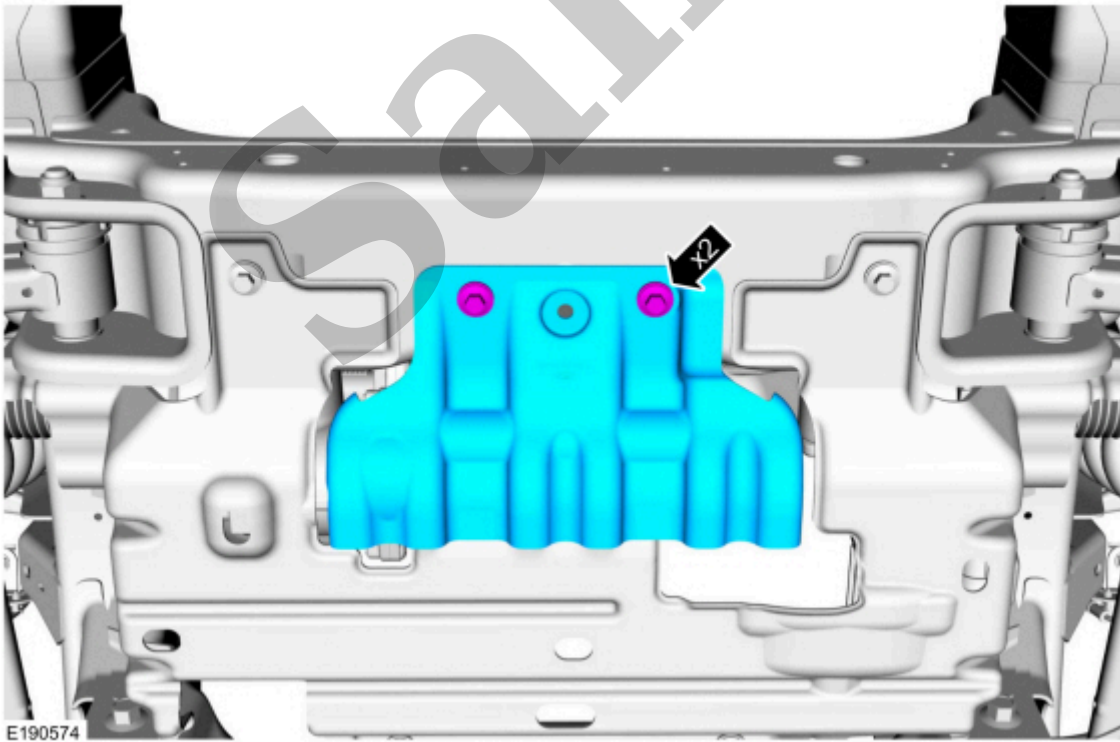
3. **NOTE**



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5. If equipped, install the skid plate and bolts.

Torque : 30 lb.ft (40 Nm)



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Engine Oil Pressure (EOP) Sensor

| | |
|-------------------------------------------------------------|--------------------------------------------|
| 303-14D Electronic Engine Controls - 5.0L 32V Ti-VCT | 2022 F-150 |
| Removal and Installation | Procedure revision date: 08/17/2017 |

Engine Oil Pressure (EOP) Sensor

Removal

NOTICE

During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

NOTE

Removal steps in this procedure may contain installation details.

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

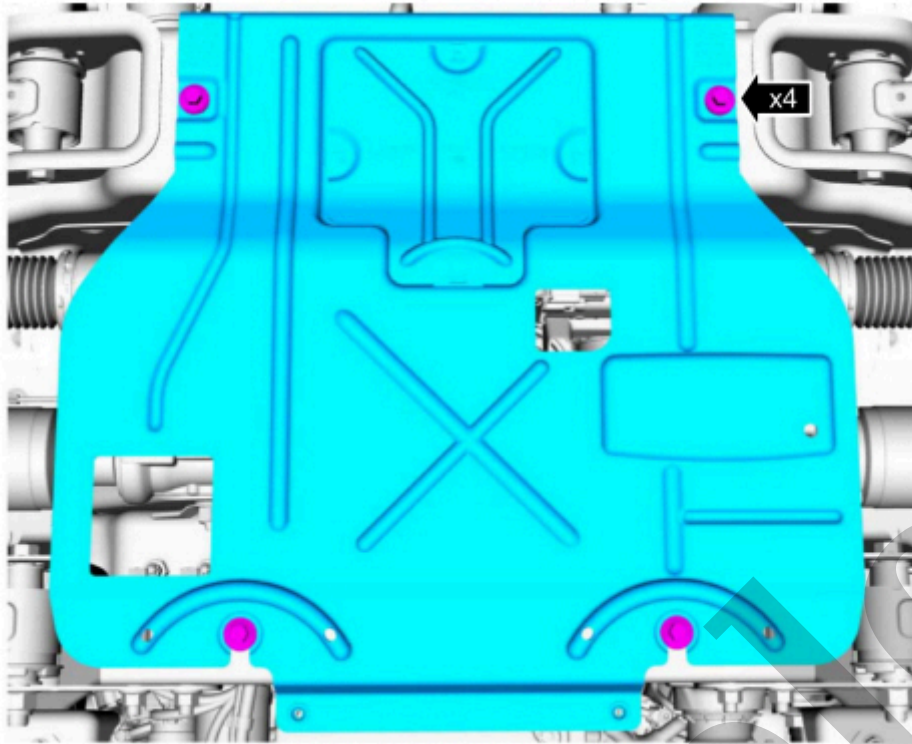
Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. **NOTE**

Vehicles come with an underbody shield or a skid plate.

If equipped, remove the bolts and the underbody shield.

Torque : 30 lb.ft (40 Nm)

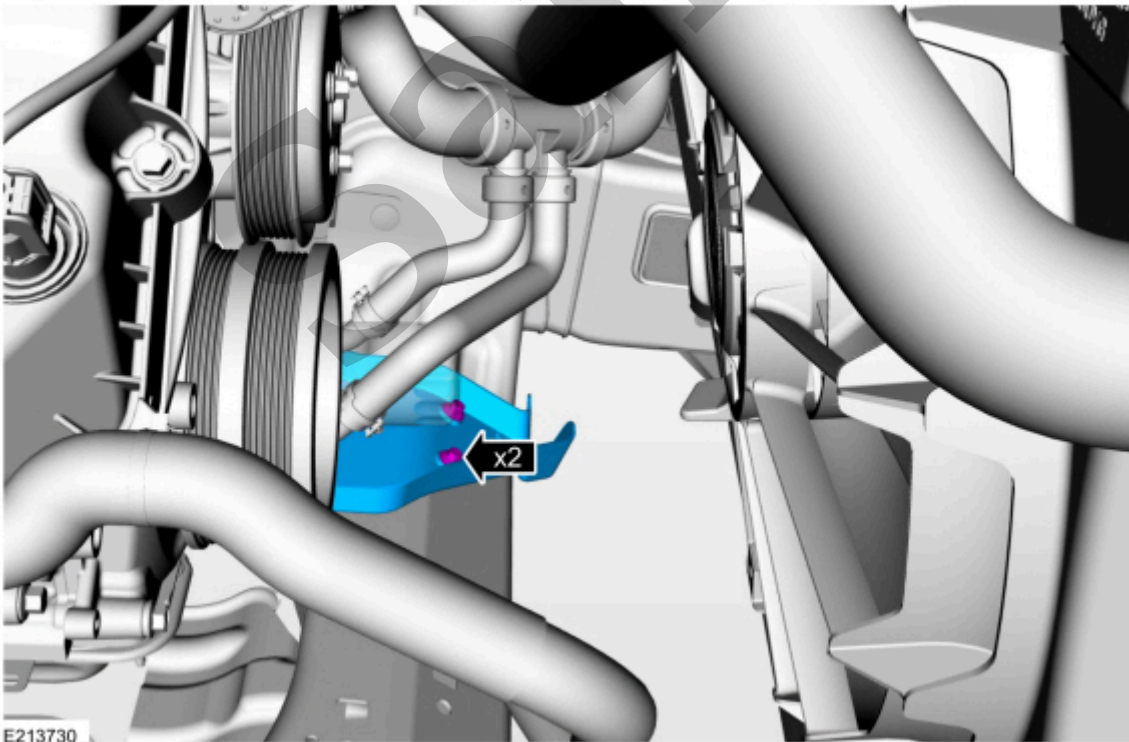


E193607

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4. If equipped, remove the bolts and the oil drain gutter.

Torque : 62 lb.in (7 Nm)



E213730

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Installation

NOTE

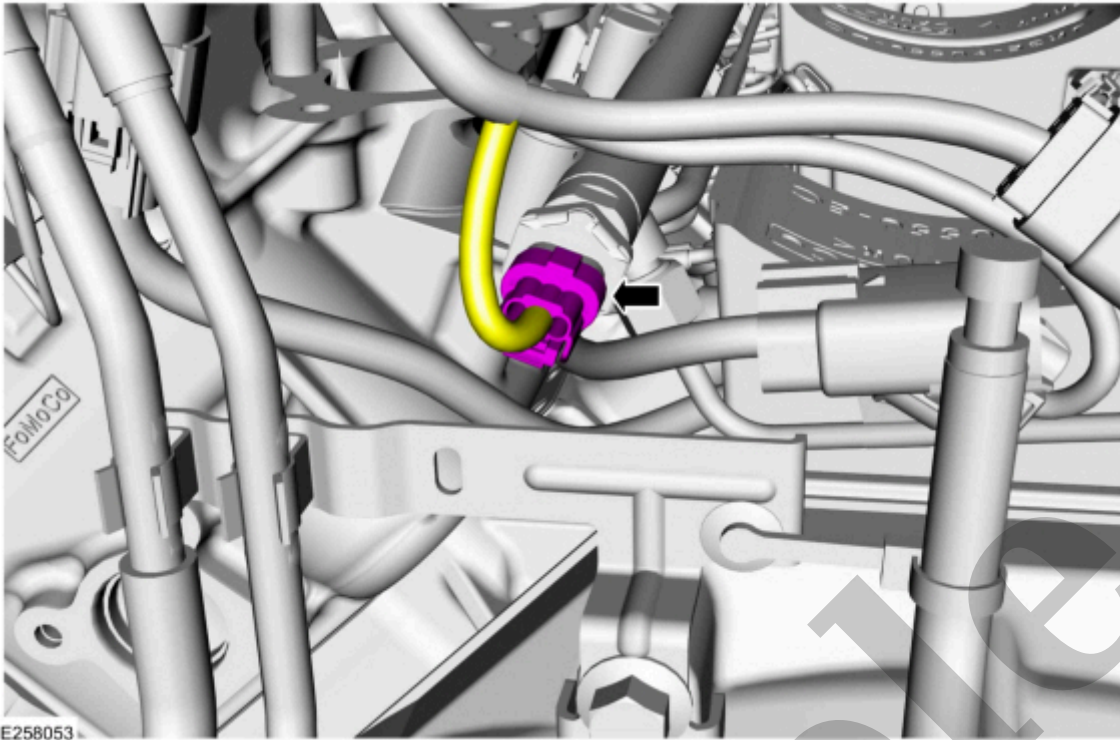
If the EOP (engine oil pressure) sensor is to be reused, apply thread sealant.

1. To install, reverse the removal procedure.

Material : Motorcraft® Thread Sealant with PTFE / TA-24-B (WSK-M2G350-A2)

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Sample



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3. NOTE

Torque cannot exceed 40 Nm or there is a potential to damage the FRP (fuel rail pressure) sensor.

Remove the FRP (fuel rail pressure) sensor.

Torque :

Stage 1: 44 lb.in (5 Nm)

Stage 2: Loosen: 1 turn(s)

Stage 3: 44 lb.in (5 Nm)

Stage 4: 19°

Fuel Rail Pressure and Temperature Sensor

| | |
|-------------------------------------------------------------|--------------------------------------------|
| 303-14D Electronic Engine Controls - 5.0L 32V Ti-VCT | 2022 F-150 |
| Removal and Installation | Procedure revision date: 08/23/2018 |

Fuel Rail Pressure and Temperature Sensor

Removal

NOTE

Removal steps in this procedure may contain installation details.

1. Release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

2. Disconnect the battery ground cable.

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

3. Remove the fuel rail insulator.