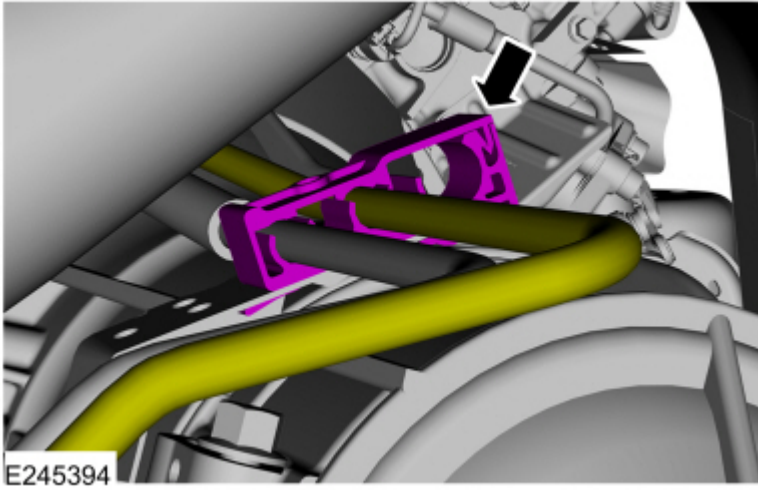


Your Ultimate Source for OEM Repair Manuals

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.

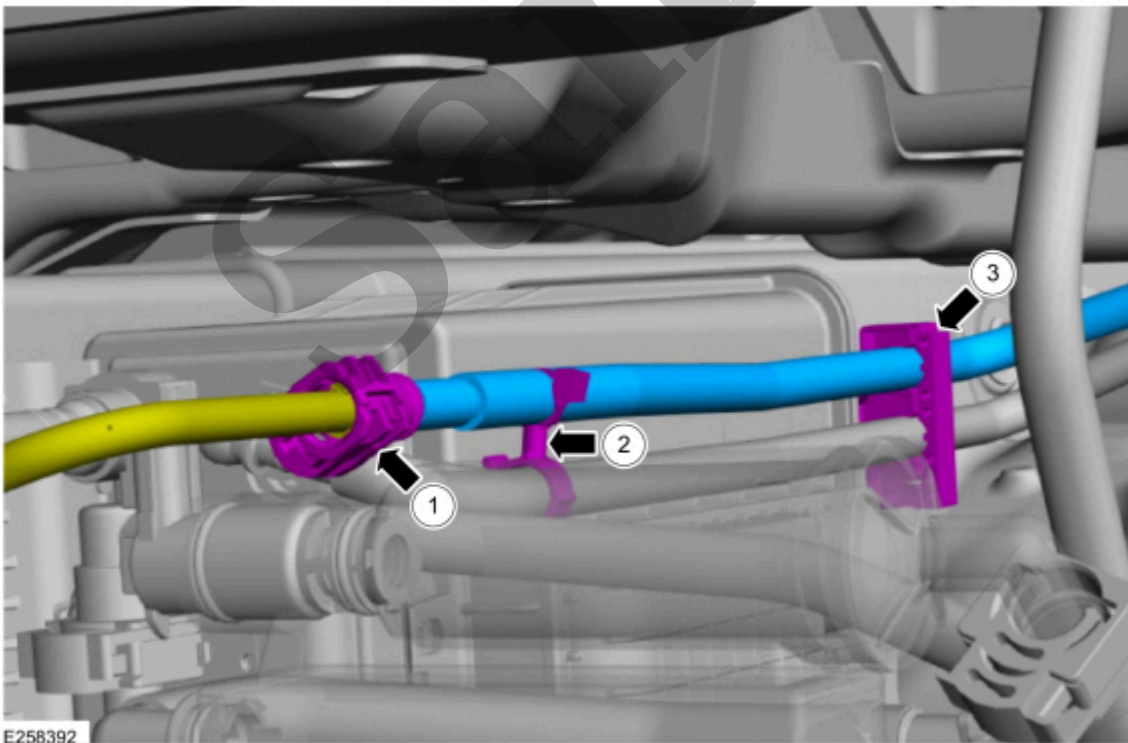
2005 FORD Thunderbird OEM Service and Repair Workshop Manual

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8.
 - Disconnect the fuel supply line quick connect coupling.
Refer to: [Quick Release Coupling\(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures\)](#).
 - Release the retainer clips.
 - Remove the fuel supply line from the underside of the vehicle.



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Fuel Pump and Sender Unit

310-01E Fuel Tank and Lines - 5.0L 32V Ti-VCT	2022 F-150
Removal and Installation	Procedure revision date: 09/30/2020

Fuel Pump and Sender Unit

Removal

1. **NOTE**

Removal steps in this procedure may contain installation steps.

Remove the Fuel Tank.

Refer to: [Fuel Tank](#)(310-01E Fuel Tank and Lines - 5.0L 32V Ti-VCT, Removal and Installation).

2. **NOTE**

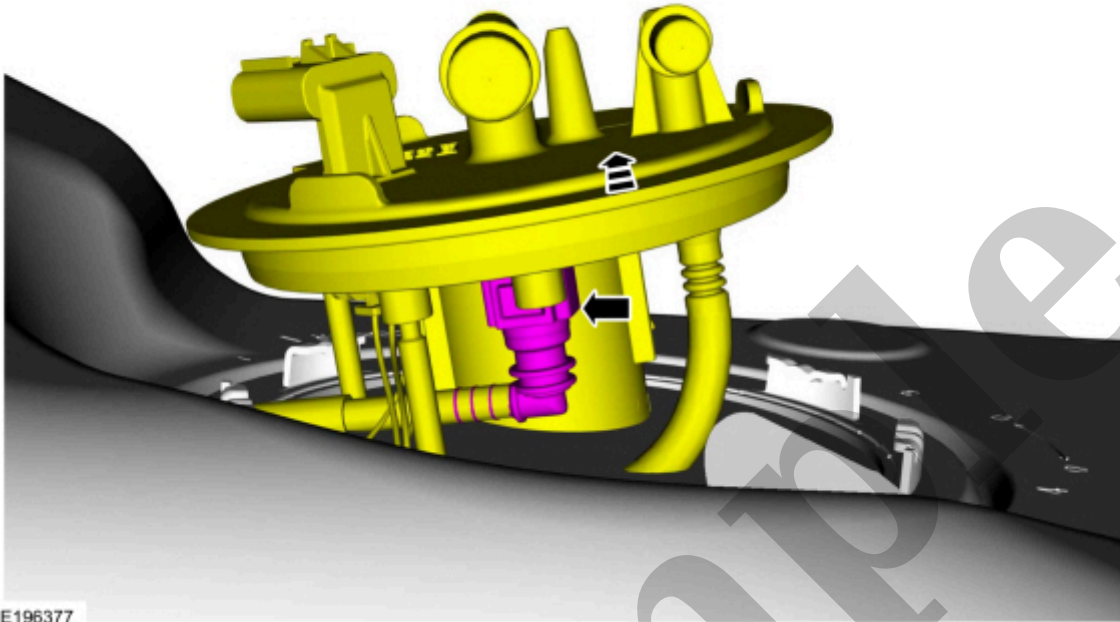
To avoid introducing contamination into the fuel tank use compressed air to clean the Fuel Pump and Sender Unit connections, couplings, flange surfaces and the immediate surrounding area of any dirt or foreign material.

Disconnect the fuel feed and fuel vapor tubes.

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

4. Lift the Fuel Pump and Sender unit slightly and disconnect the vent line.

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



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5. **NOTE**

Remove and discard the Fuel Pump Module O-ring seal.

NOTE

Some residual fuel may remain in the Fuel Pump and Sender Unit. Carefully drain into a suitable container.

NOTE

The Fuel Pump and Sender Unit must be handled carefully to avoid damage to the float arm and filter.

NOTE

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Installation

1. **NOTE**

Make sure to install a new Fuel Pump and Sender Unit O-ring seal.

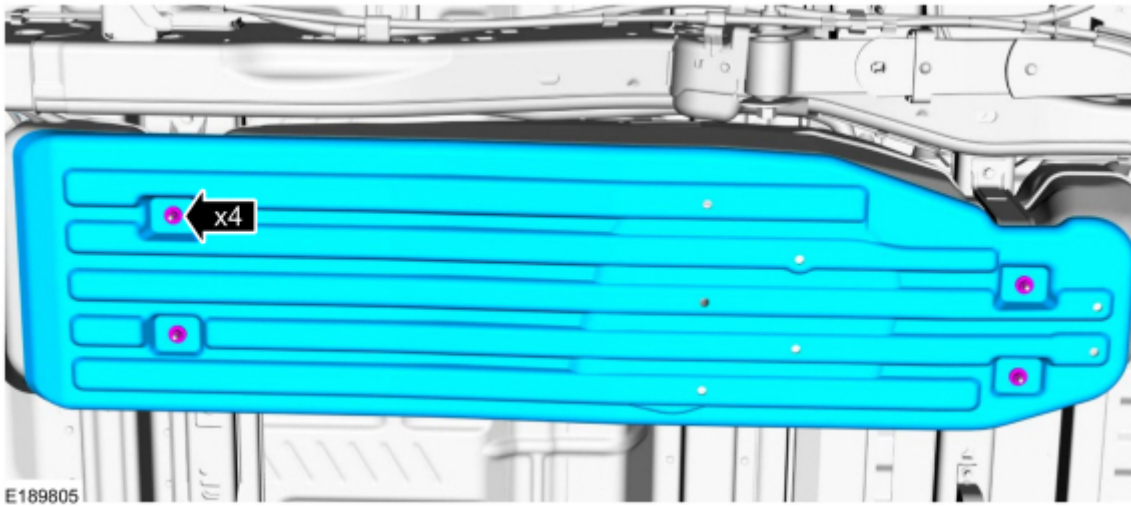
NOTE

Make sure the alignment tabs on the Fuel Pump and Sender Unit and the fuel tank meet prior to tightening the Fuel Pump and Sender Unit lock ring.

To install, reverse the removal procedure.

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Sample



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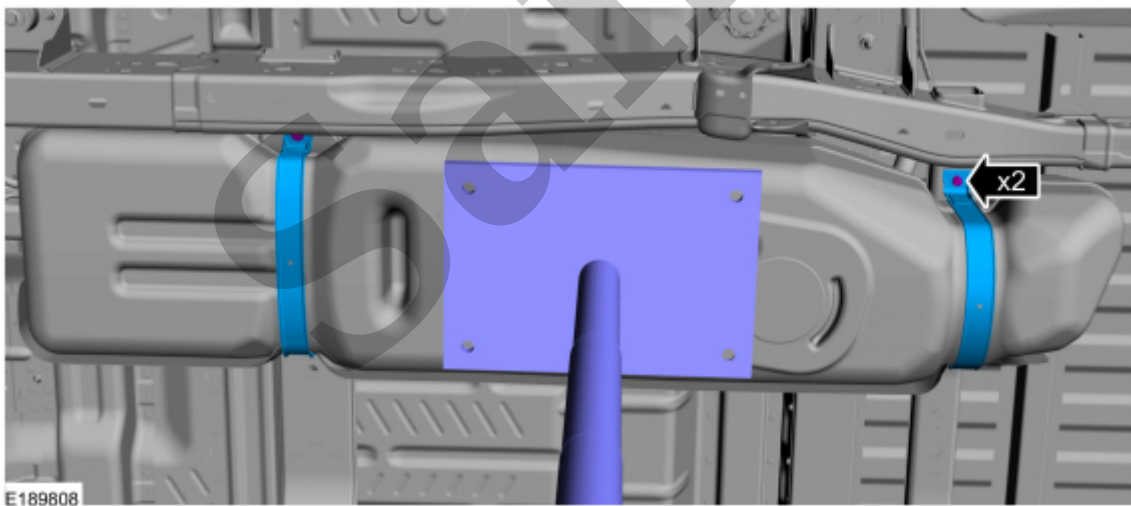
5. Using a powertrain lift, support the fuel tank.

Use Special Service Tool : 300-OTC1585AE Powertrain Lift

6. • Remove the bolts.

Torque : 35 lb.ft (47 Nm)

• Remove the fuel tank straps.



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7. Lower the tank to gain access to the fuel filler pipe hose and vapor tube quick release coupling.

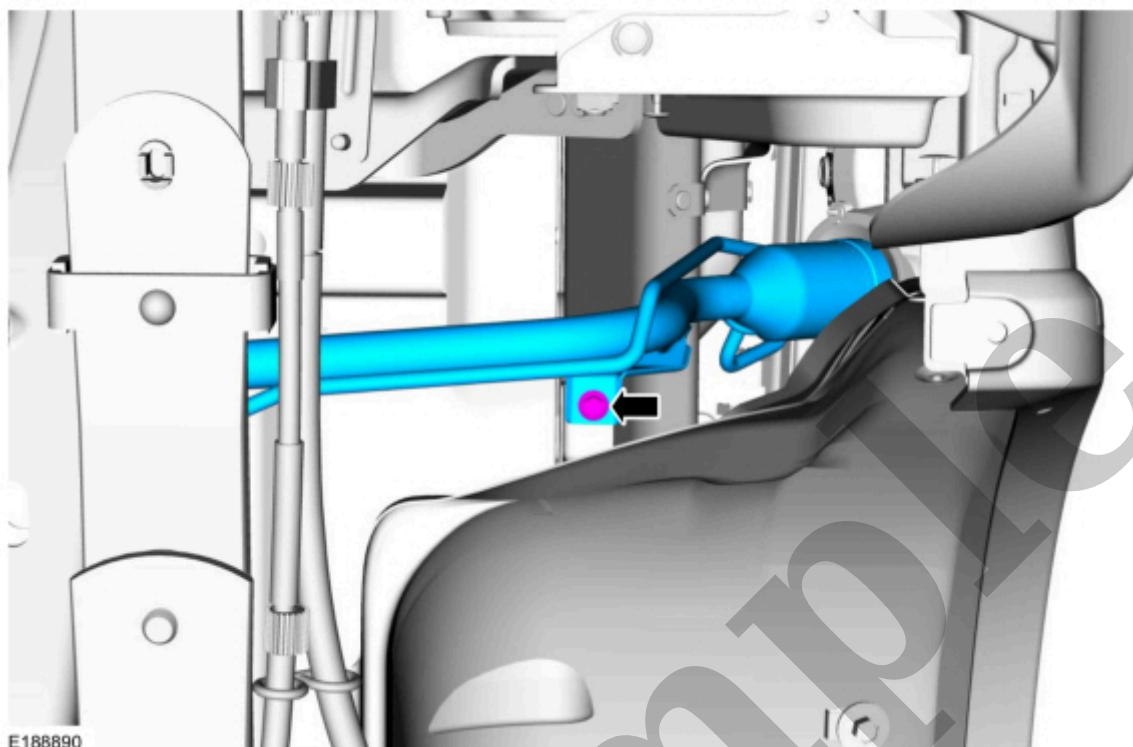
8. Release the clamp and position the fuel filler pipe hose aside.

Torque : 44 lb.in (5 Nm)

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10. Remove the bolt and the fuel tank filler pipe.

Torque : 133 lb.in (15 Nm)

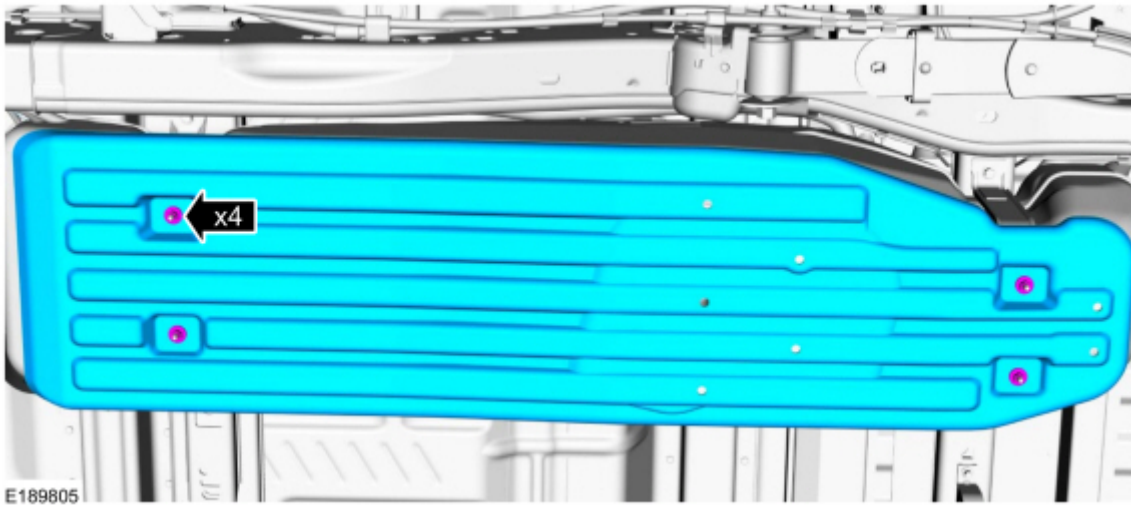


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Installation

1. To install, reverse the removal procedure.

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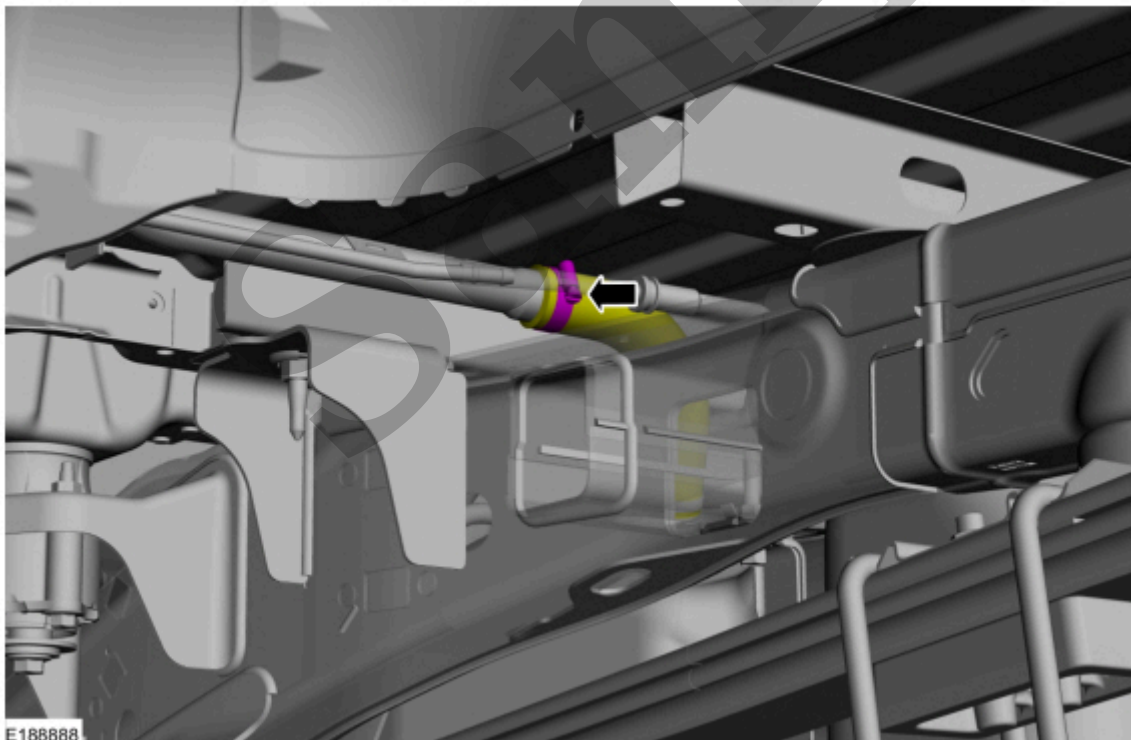
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5. Using a powertrain lift, support the fuel tank.

Use Special Service Tool : 300-OTC1585AE Powertrain Lift

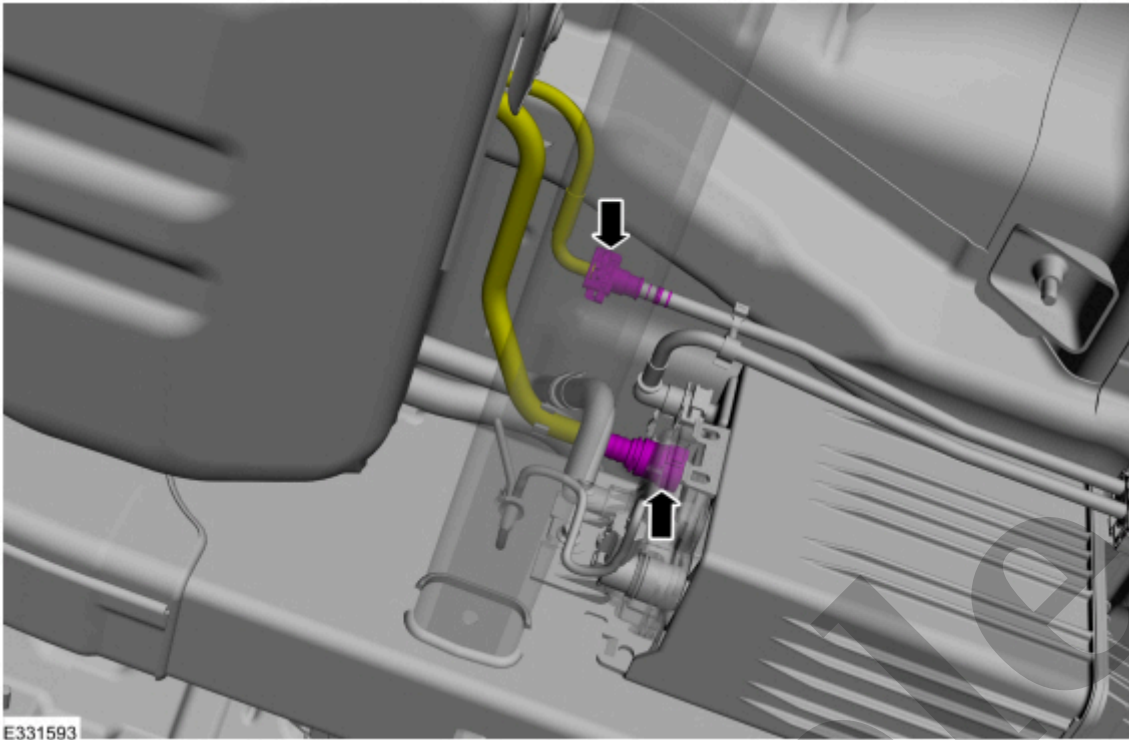
6. Remove the clamp and position aside the fuel tank filler pipe.

Torque : 44 lb.in (5 Nm)



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

7. • Remove the bolts.



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

10.
 - Disconnect the fuel tank filler pipe vent tube quick release coupling.
Refer to: [Quick Release Coupling](#) (310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).
 - Disconnect the electrical connectors and release the harness retainer clip.

Installation

1. To install, reverse the removal procedure.

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Sample