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1978 FORD Thunderbird OEM Service and Repair Workshop Manual

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Type 23

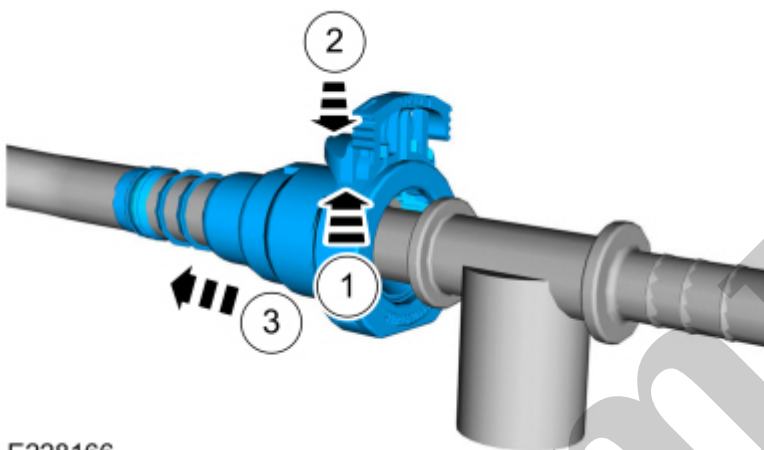
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00B Fuel System - General Information - 3.3L Duratec-V6, General Procedures).

2. Disconnect the battery ground cable.

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

- 3.



E228166

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

Connect

1. NOTE

Make sure the retainer clip is fully seated and locked onto the tube by pulling on the quick connect coupling.

1. NOTE

Pull on the quick release coupling and the fitting to make sure it is securely fastened.

Snap the locking tab into place.

Type 24

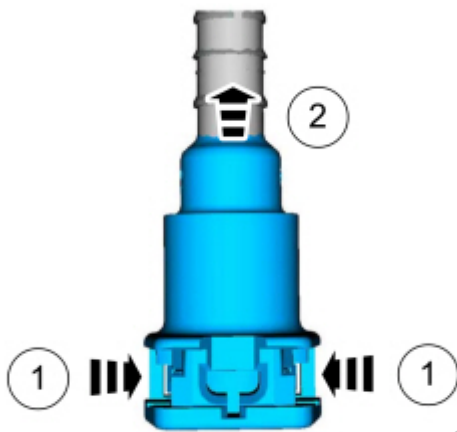
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00B Fuel System - General Information - 3.3L Duratec-V6, General Procedures).

2. Disconnect the battery ground cable.

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

- 3.



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Connect

1. **NOTE**

Pull on the quick release coupling and the fitting to make sure it is securely fastened.

Snap the locking tab into place.

Type 25

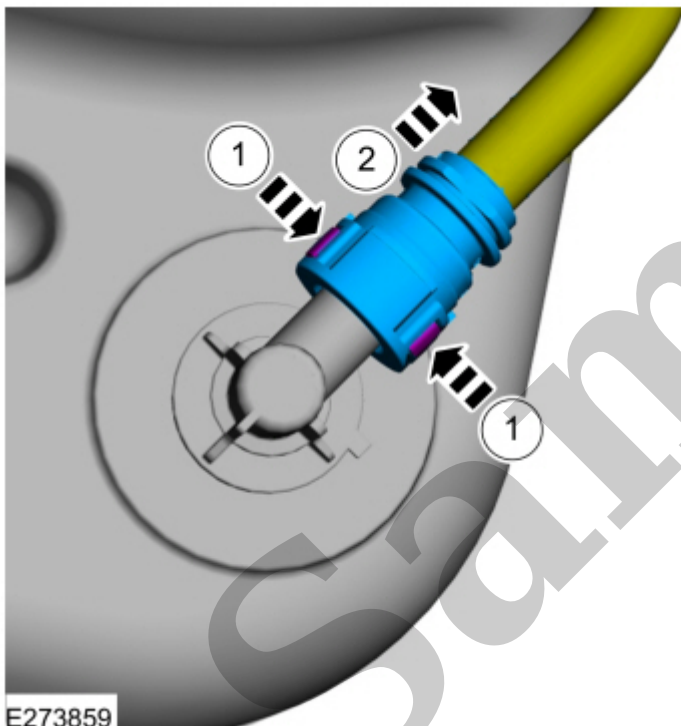
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00B Fuel System - General Information - 3.3L Duratec-V6, General Procedures).

2. Disconnect the battery ground cable.

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

3.
 1. Depress the clip into the quick release coupling.
 2. Separate the quick release coupling from the tube.



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

Connect

1. **NOTE**

Pull on the quick release coupling and the fitting to make sure it is securely fastened.

Snap the locking tab into place.

Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.

NOTE

Type 26

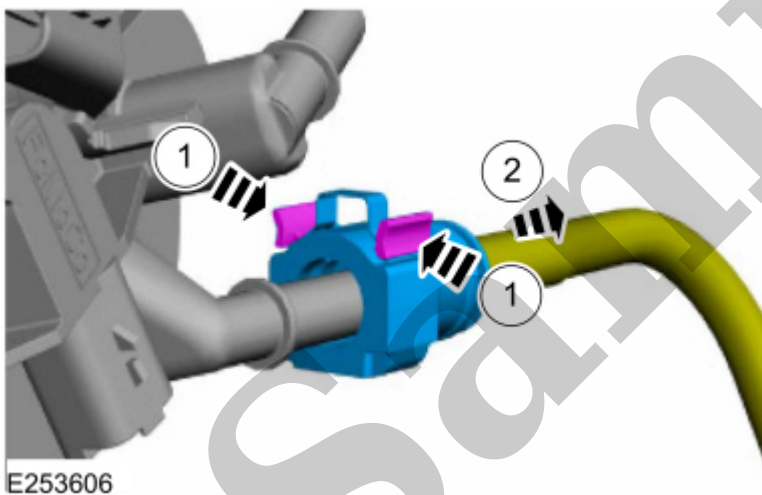
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00B Fuel System - General Information - 3.3L Duratec-V6, General Procedures).

2. Disconnect the battery ground cable.

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

3. 1. Remove the quick release coupling from the tube.



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

Connect

1. 1. **NOTE**

Pull on the quick release coupling and the fitting to make sure it is securely fastened.

Snap the locking tab into place.

Type 27

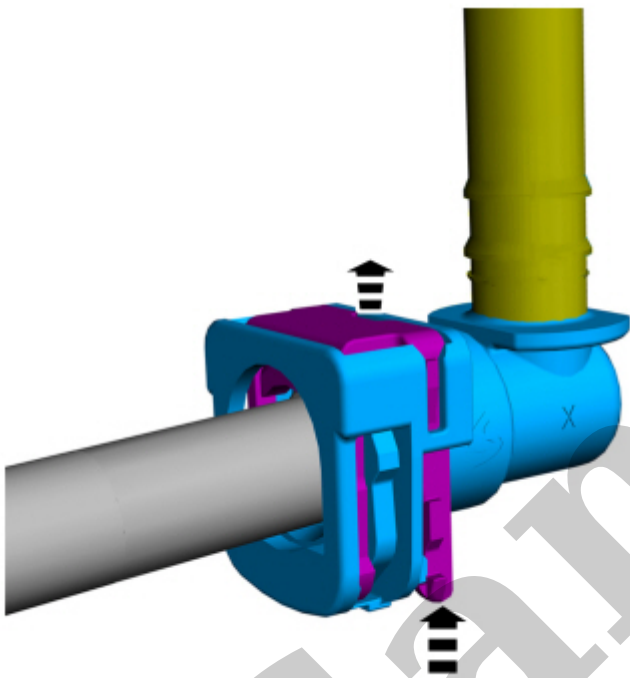
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#)(310-00B Fuel System - General Information - 3.3L Duratec-V6, General Procedures).

2. Disconnect the battery ground cable.

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

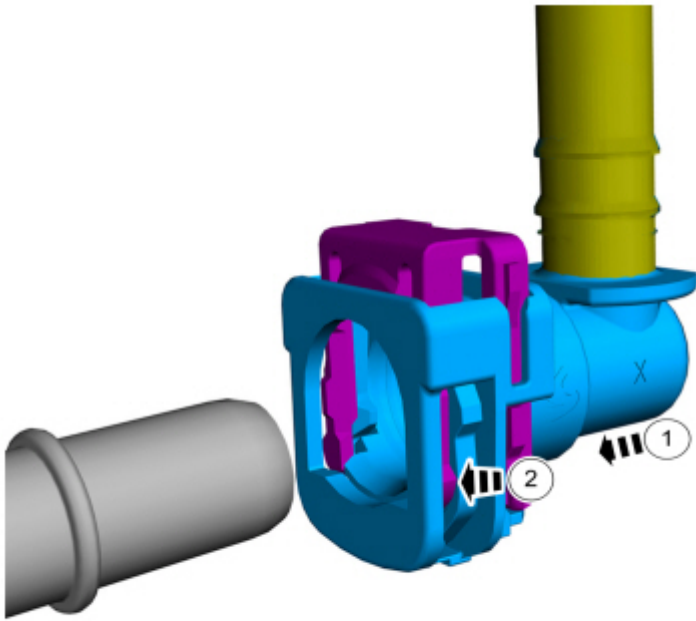
- 3.



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

4. Remove the quick release coupling from the tube.



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2. Connect the battery ground cable.

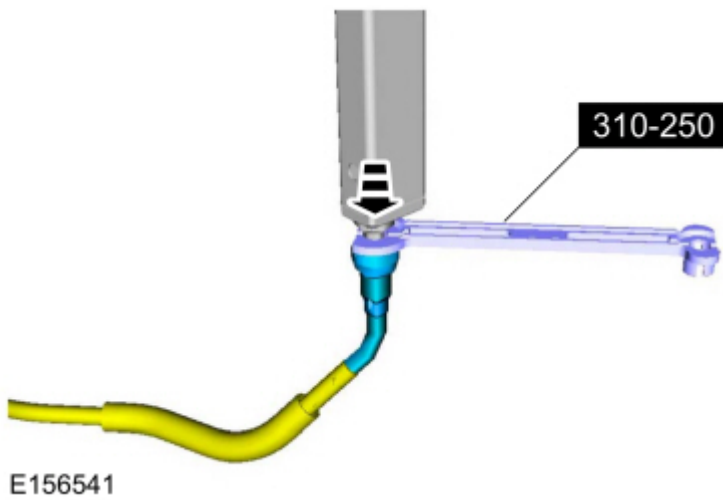
Refer to: [Battery Disconnect and Connect](#)(414-01 Battery, Mounting and Cables, General Procedures).

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Refer to: [Battery Cables - 3.3L Duratec-V6](#)(414-01 Battery, Mounting and Cables, Removal and Installation).

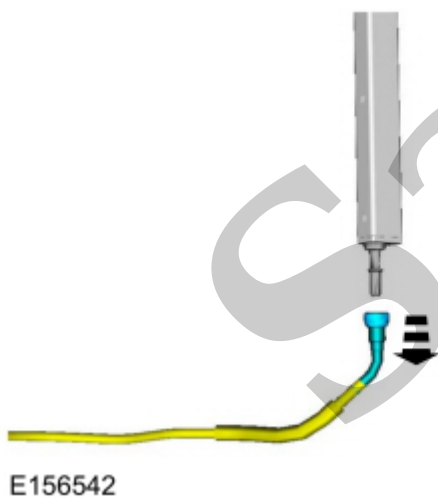
3. Install the Fuel Line Disconnect Tool on the tube and push into the spring lock coupling to release.

Use Special Service Tool : 310-250 Disconnect Tool, Fuel Line



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

4. Separate the spring lock coupling from the tube.



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

Connect

1. Align and push the spring lock coupling onto the tube until fully seated.

Specifications

310-00C Fuel System - General Information - 3.5L EcoBoost (BM)	2022 F-150
Specifications	Procedure revision date: 04/7/2021

Specifications

General Specifications

Item	Specification
Fuel Pressure	
Engine running 3.5L EcoBoost (Low pressure side).	58 –75 psi (400 –520 kPa)
Fuel Tank Capacity	
Standard Fuel Tank; Super Cab.	23 gal (87 L)
Standard Fuel Tank; Crew Cab.	26 gal (98 L)
Extended Range Fuel Tank.	36 gal (136 L)

- a check valve which maintains system pressure after the pump is shut off.
- a pressure relief for overpressure protection in the event of restricted fluid flow.
- a lifetime fuel filter providing filtration to protect the fuel injectors from foreign material.

Fuel Pump Shut-off Feature

In the event of a moderate to severe collision, the vehicle is equipped with a Fuel Pump and Sender Shut-off Feature that is initiated by the event notification signal.

The event notification feature provides other vehicle subsystems with information pertaining to restraint system deployment or fuel cutoff status. When an impact occurs which exceeds a predetermined threshold, the RCM (restraints control module) sends a signal on a dedicated circuit to the BCM (body control module). The BCM (body control module) then sends a signal on a second hard-wired circuit to the PCM (powertrain control module), which initiates fuel cut-off and disables the fuel system.

Should the vehicle shut off after a collision due to this feature, the vehicle may be restarted by first turning the ignition to the OFF position and then turn the ignition to the ON position. In some instances the vehicle may not start the first time and may take one additional ignition cycle.

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