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## 2022 Ford Mustang Mach-E Service and Repair Manual

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## Evaporative Emission Bleed Valve and Filter Assembly - Raptor

<b>303-13C Evaporative Emissions - 3.5L EcoBoost (BM)</b>	<b>2022 F-150</b>
<b>Removal and Installation</b>	<b>Procedure revision date: 06/17/2021</b>

### Evaporative Emission Bleed Valve and Filter Assembly - Raptor

#### Removal

##### WARNING

Do not smoke, carry lighted tobacco or have an open flame of any type when working on or near any fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

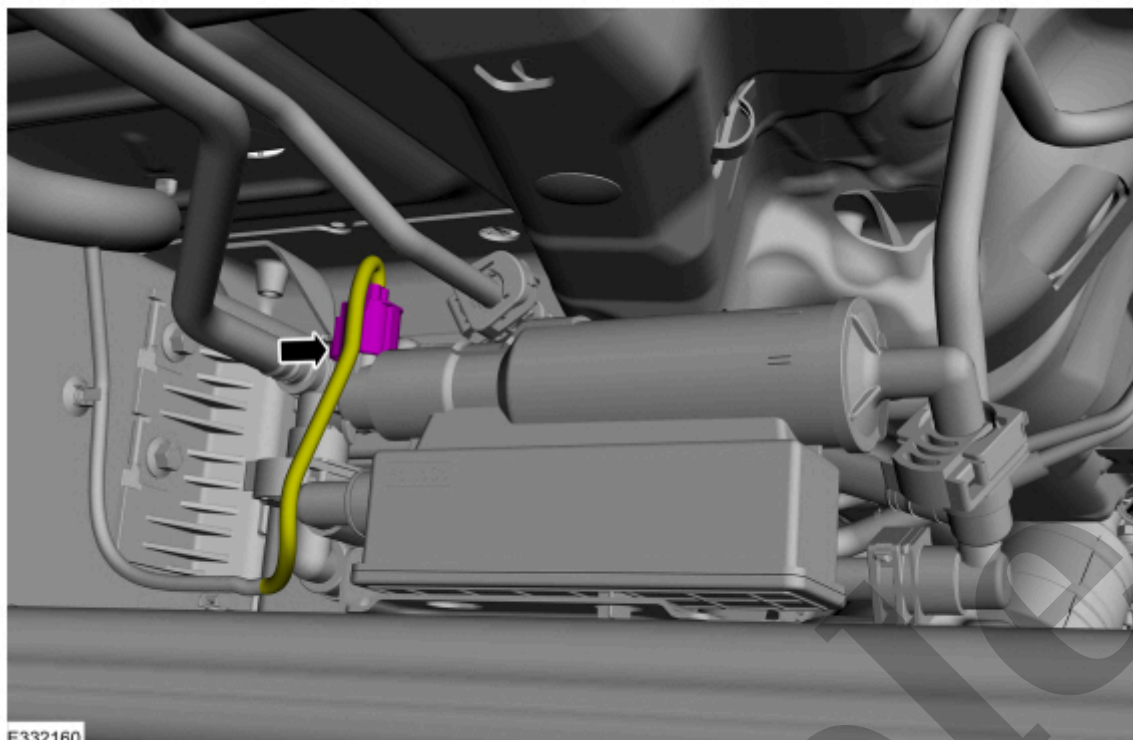
##### WARNING

Do not carry personal electronic devices such as cell phones, pagers or audio equipment of any type when working on or near any fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

##### WARNING

Always disconnect the battery ground cable at the battery when working on an evaporative emission (EVAP) system or fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

##### NOTE

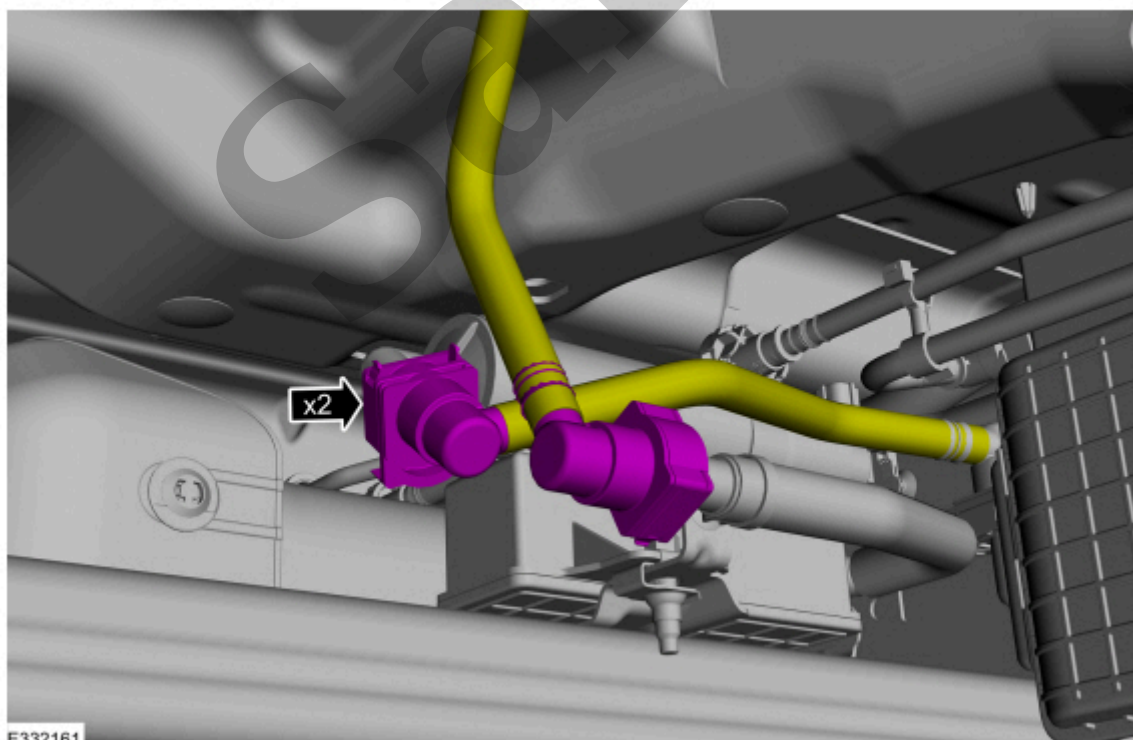


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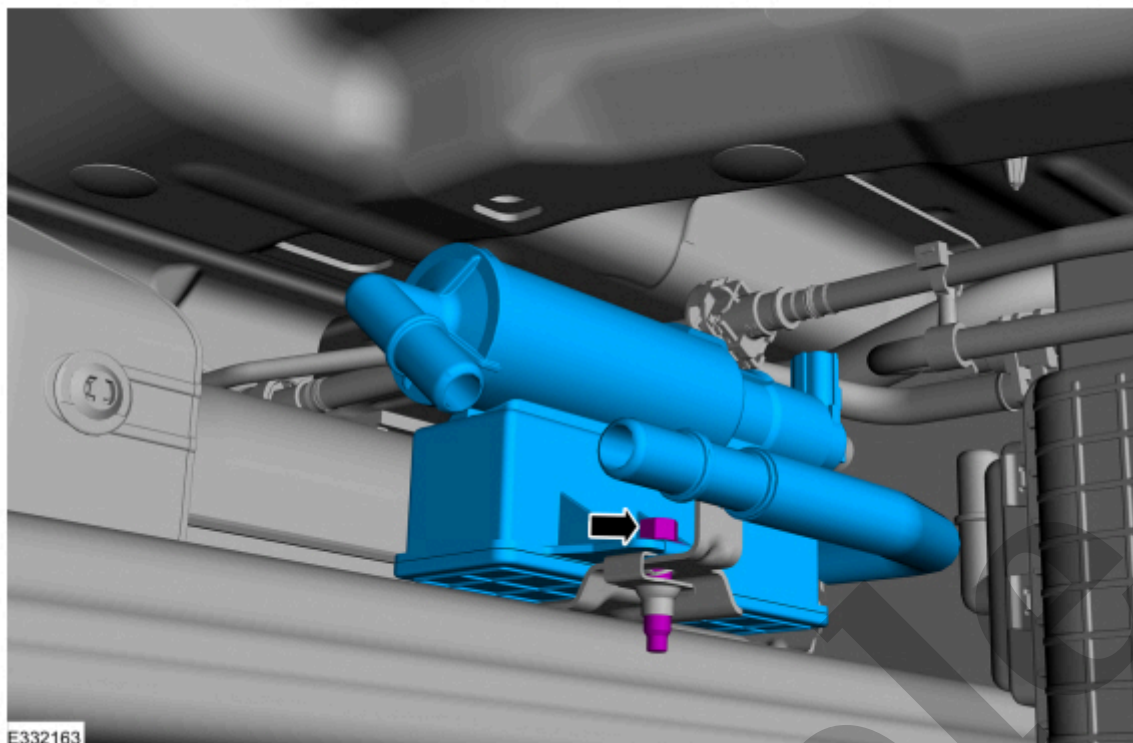
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4. Disconnect the quick release couplings.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).



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

## Installation

1. To install, reverse the removal procedure.

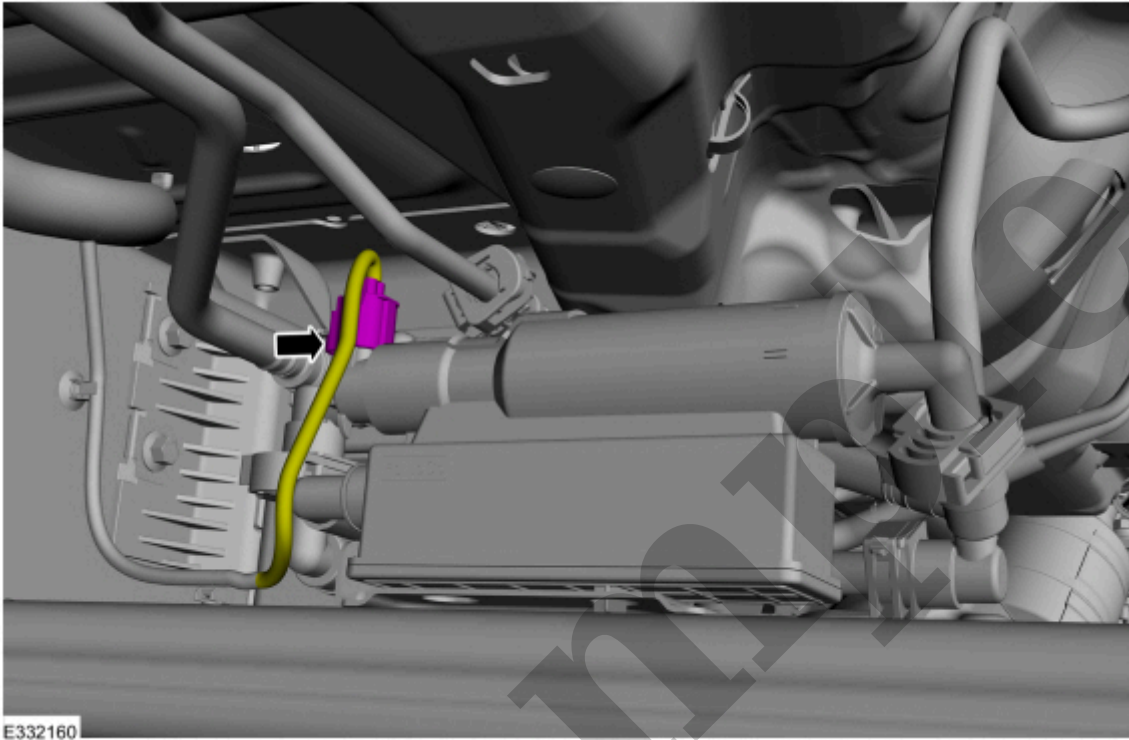
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Removal steps in this procedure may contain installation details.

1. With the vehicle in N (Neutral) , position it on a hoist.

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

2. Disconnect the electrical connector.

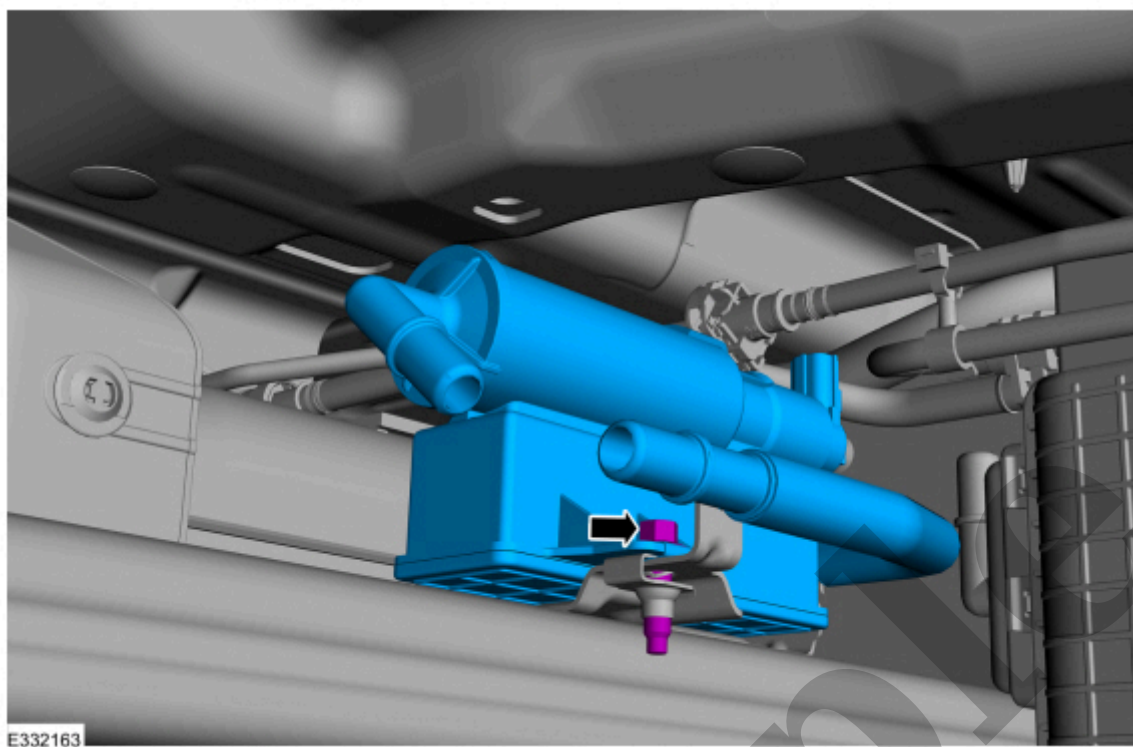


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3. Disconnect the quick release couplings.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).

**Torque** : 115 lb.in (13 Nm)

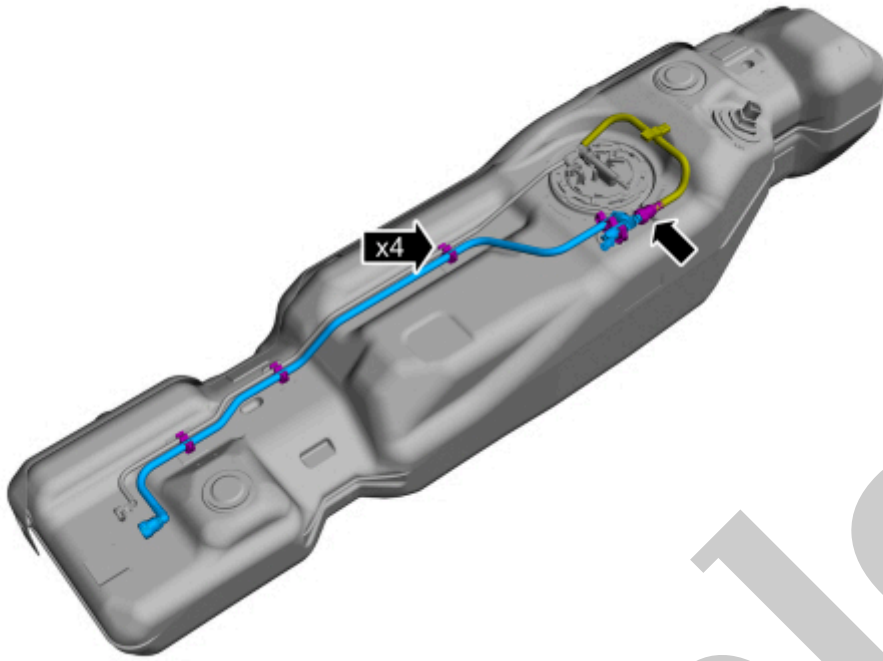


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## Installation

1. To install, reverse the removal procedure.

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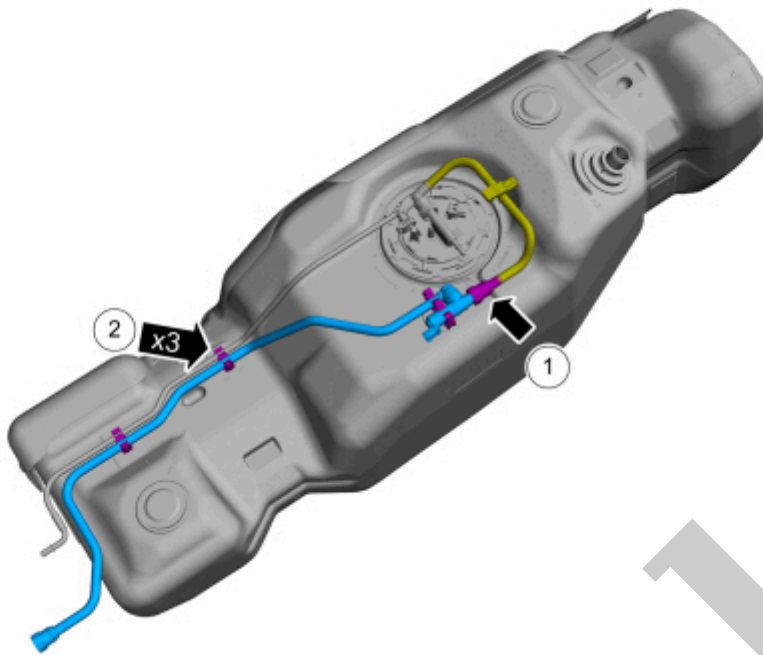
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## Installation

1. To install, reverse the removal procedure.

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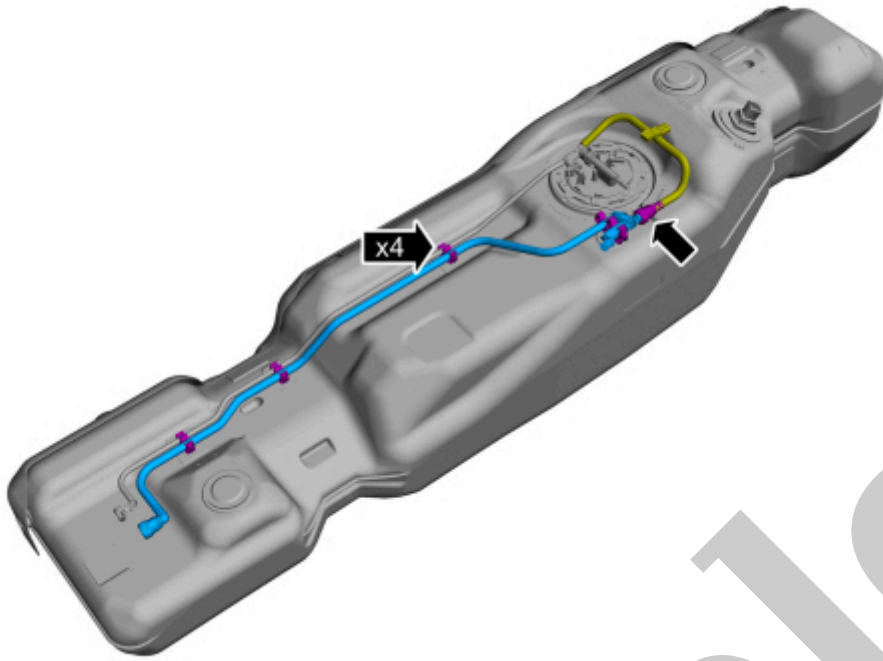
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### **Type - 2**

3. Disconnect the quick release coupling and remove the evaporative emission blocking valve and retainers.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).





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## Installation

1. To install, reverse the removal procedure.

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Removal steps in this procedure may contain installation details.

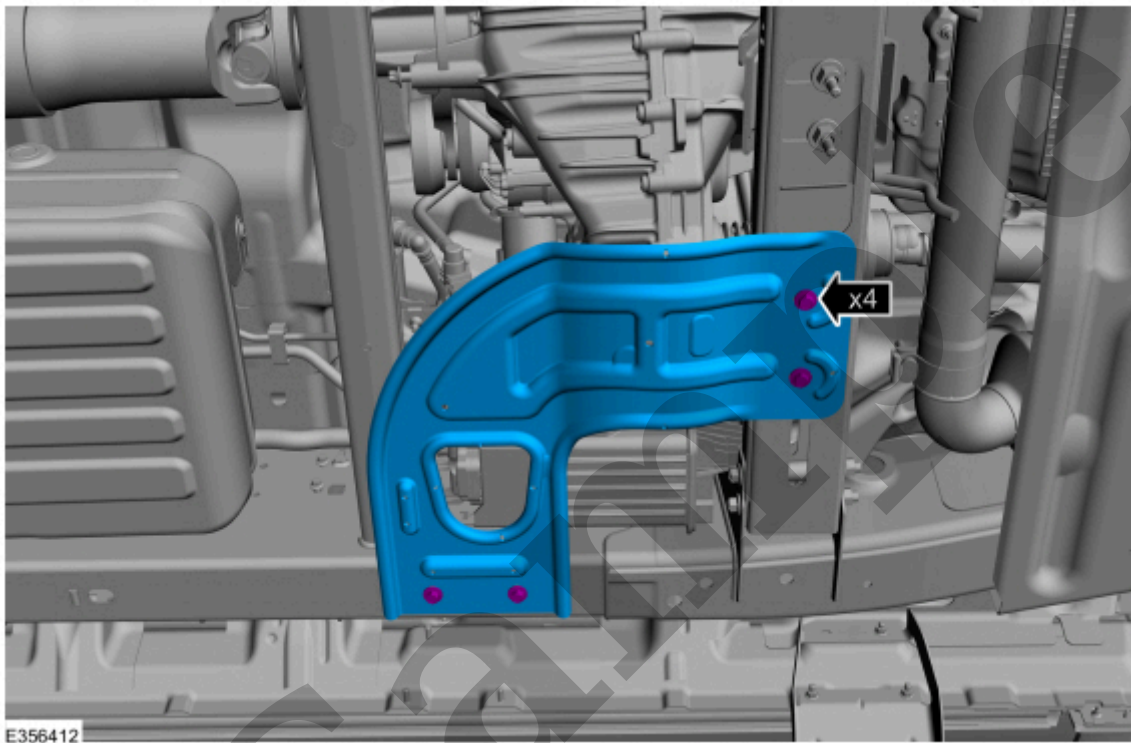
1. With the vehicle in N (Neutral) , position it on a hoist.

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

2. If equipped.

Remove the skid plate bolts and the skid plate.

**Torque** : 177 lb.in (20 Nm)



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

3. Disconnect the quick release couplings.

Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).