

310-00B Fuel System - General Information - 2.7L EcoBoost  
(238kW/324PS)

2021 Bronco

General Procedures

Procedure revision date:  
10/19/2020

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### Quick Release Coupling

#### Disconnect

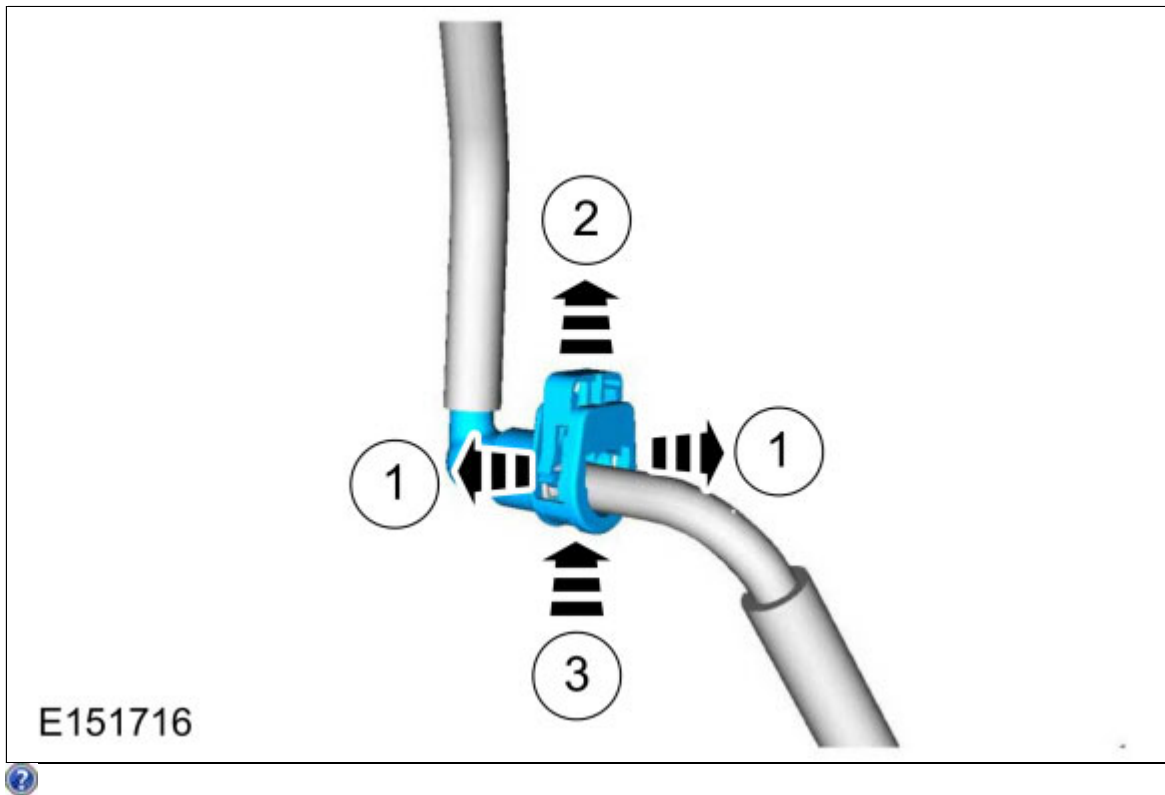
**NOTICE:** When reusing liquid or vapor tube connections, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

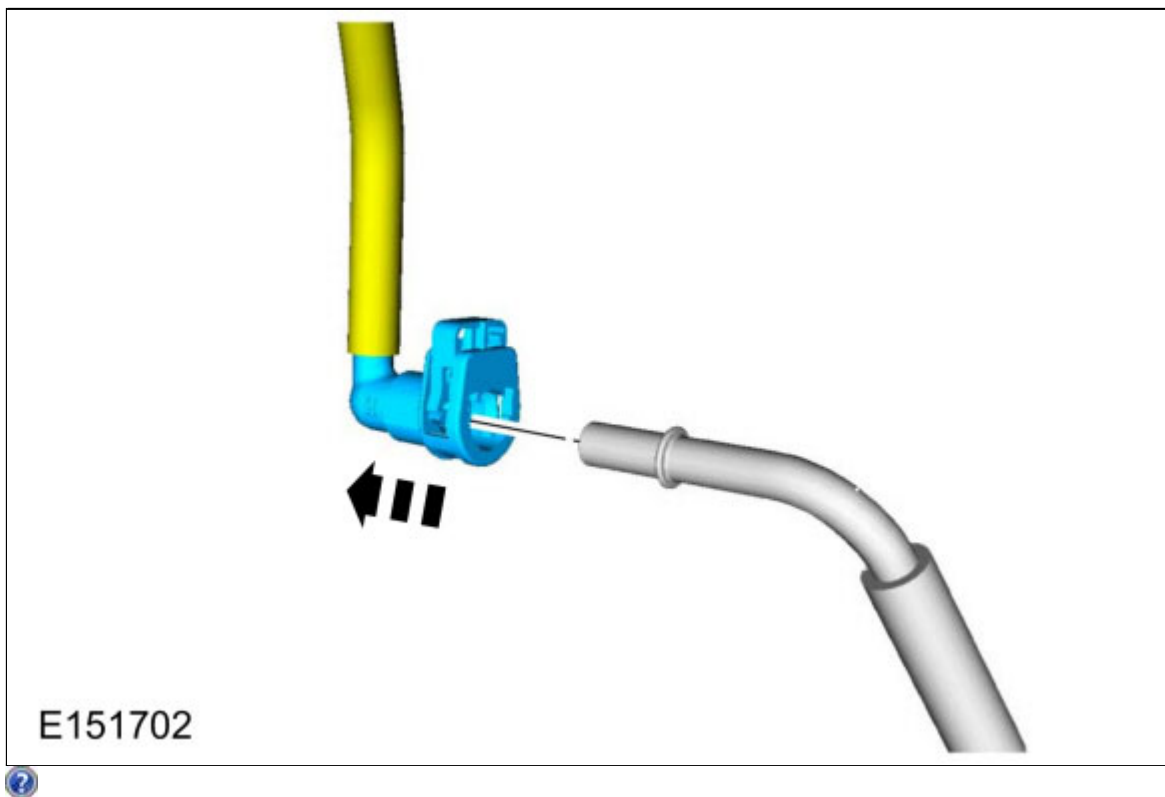
**NOTICE:** Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.

#### NOTE: *Type 1*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.

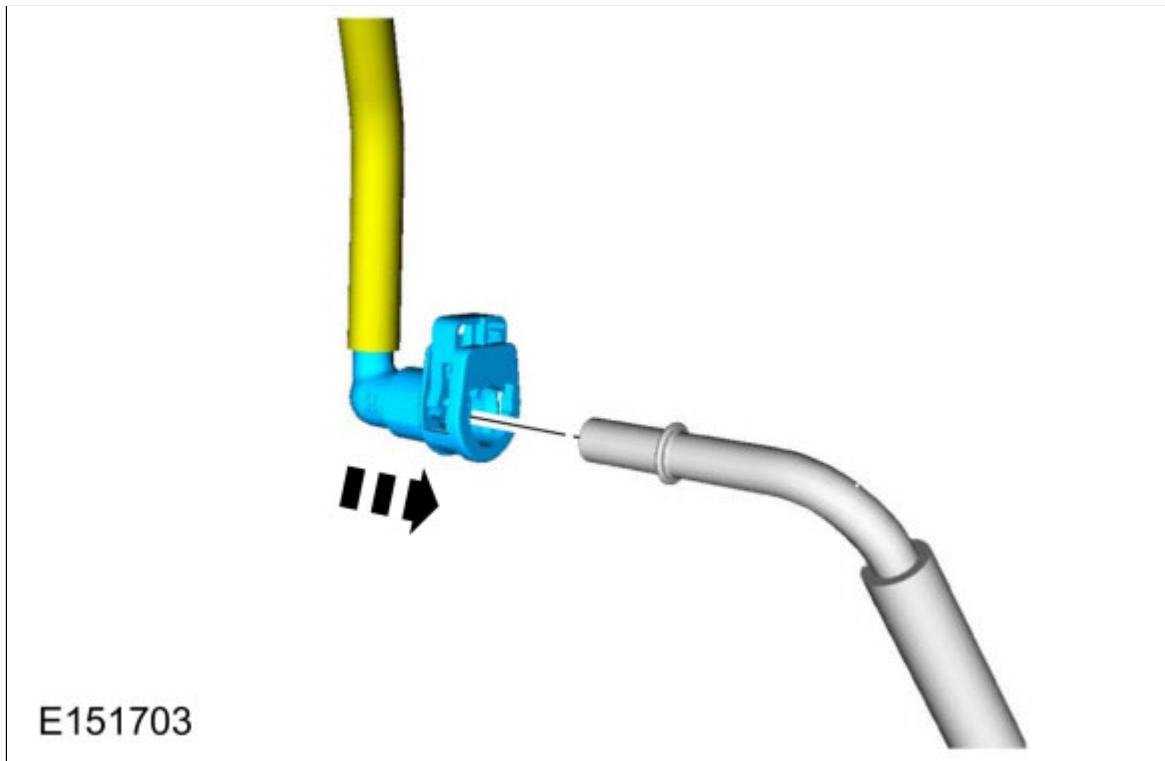


4.



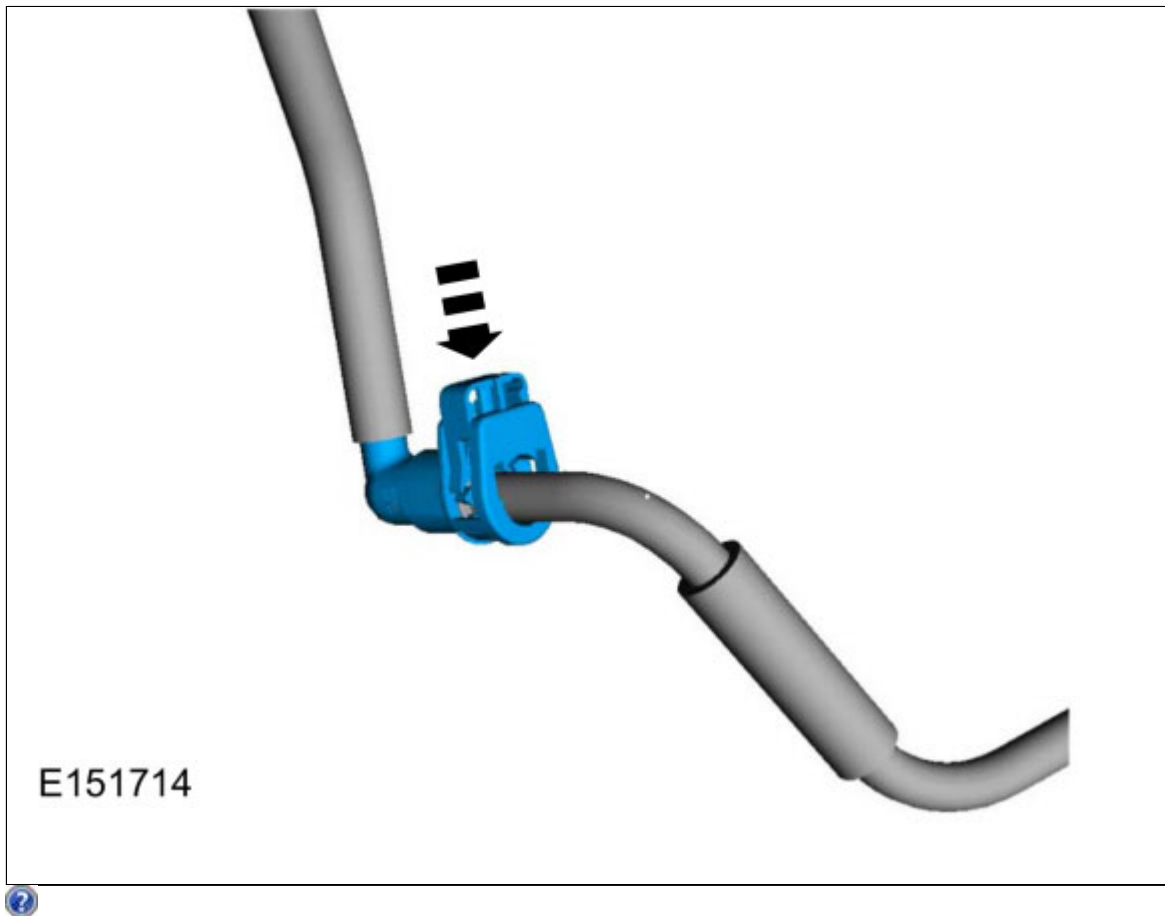
**Connect**

1. Push the quick release coupling onto the tube.



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

Press the retainer clip into the quick release coupling body until flush and the tabs are locked in place.



3. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

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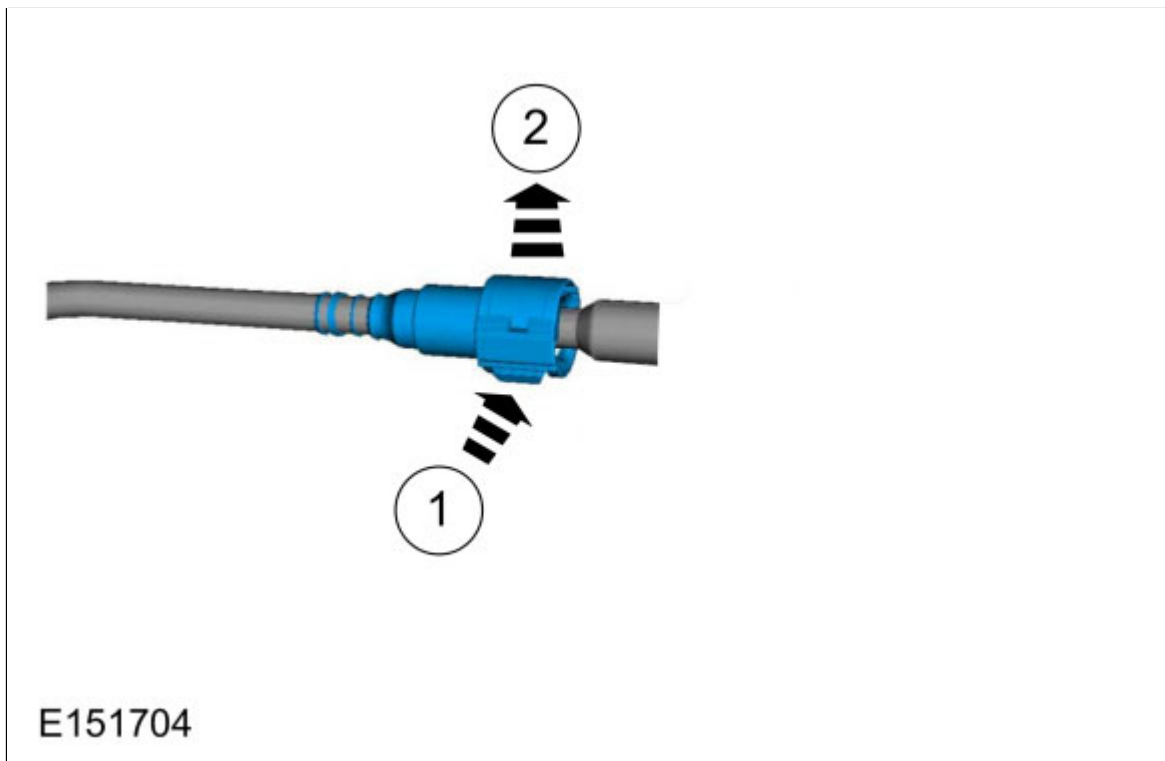
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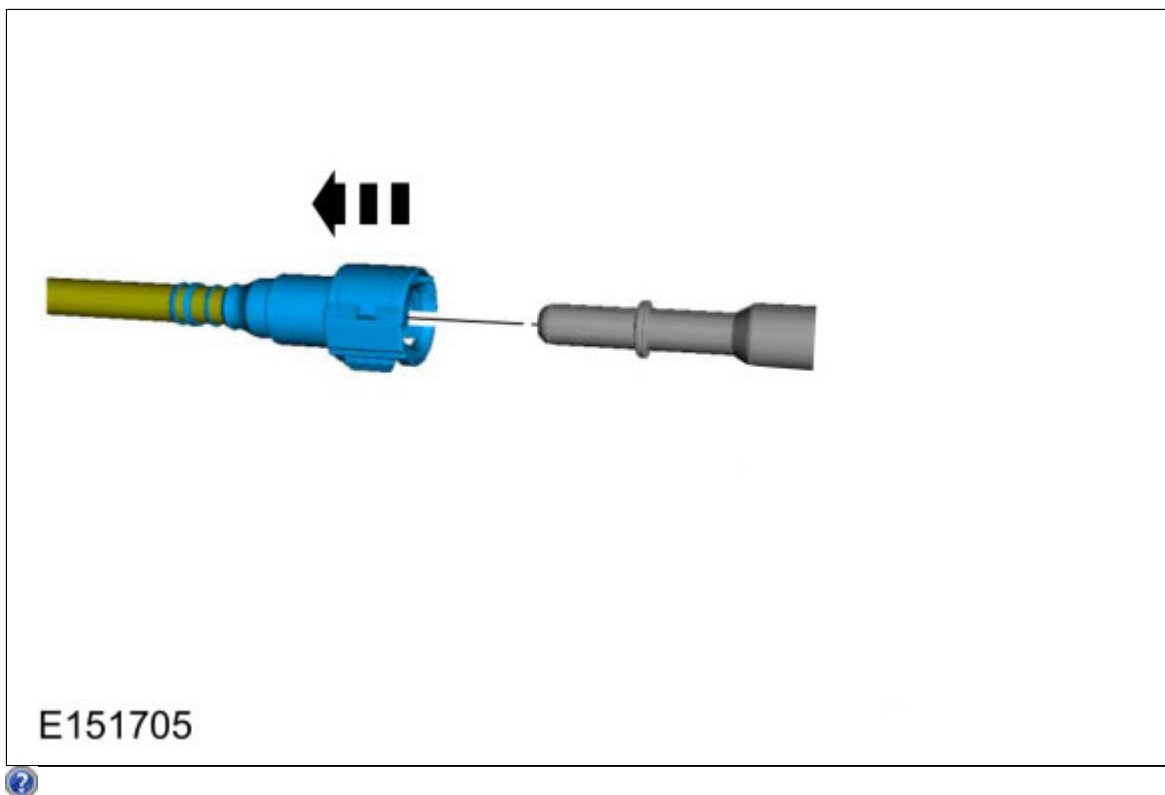
#### NOTE: Type 2

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

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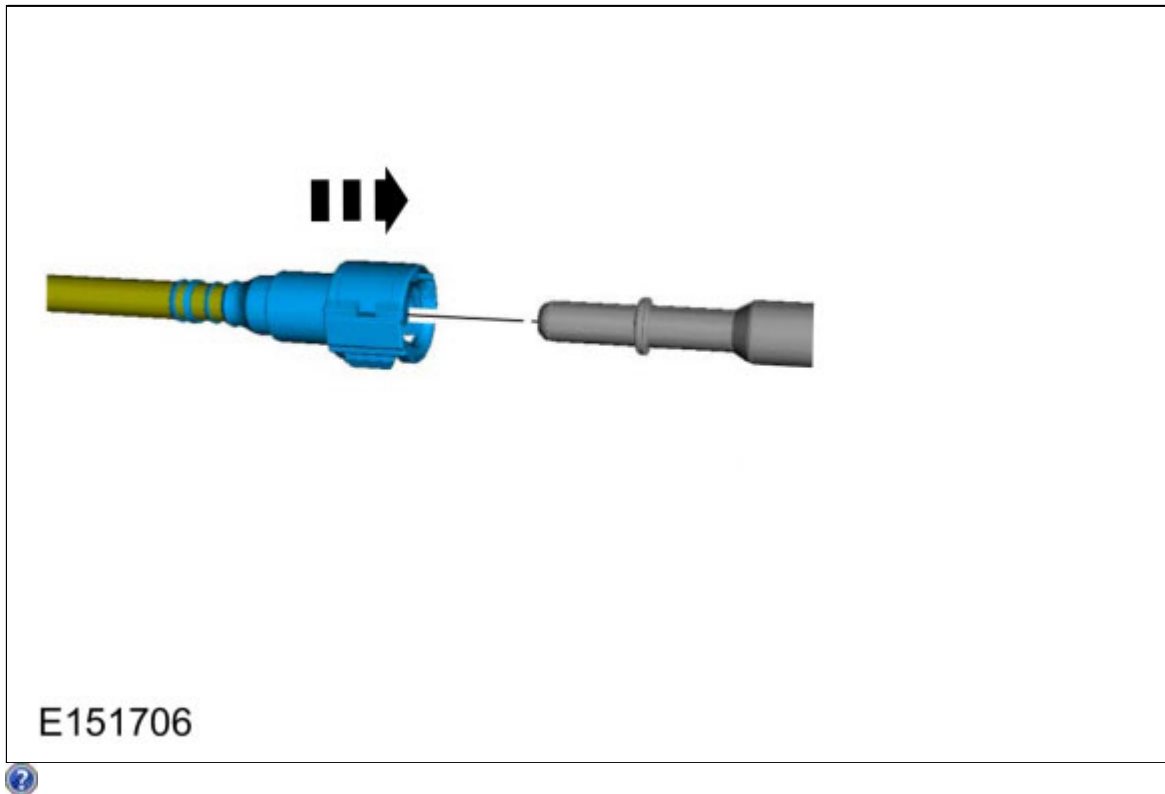


4.

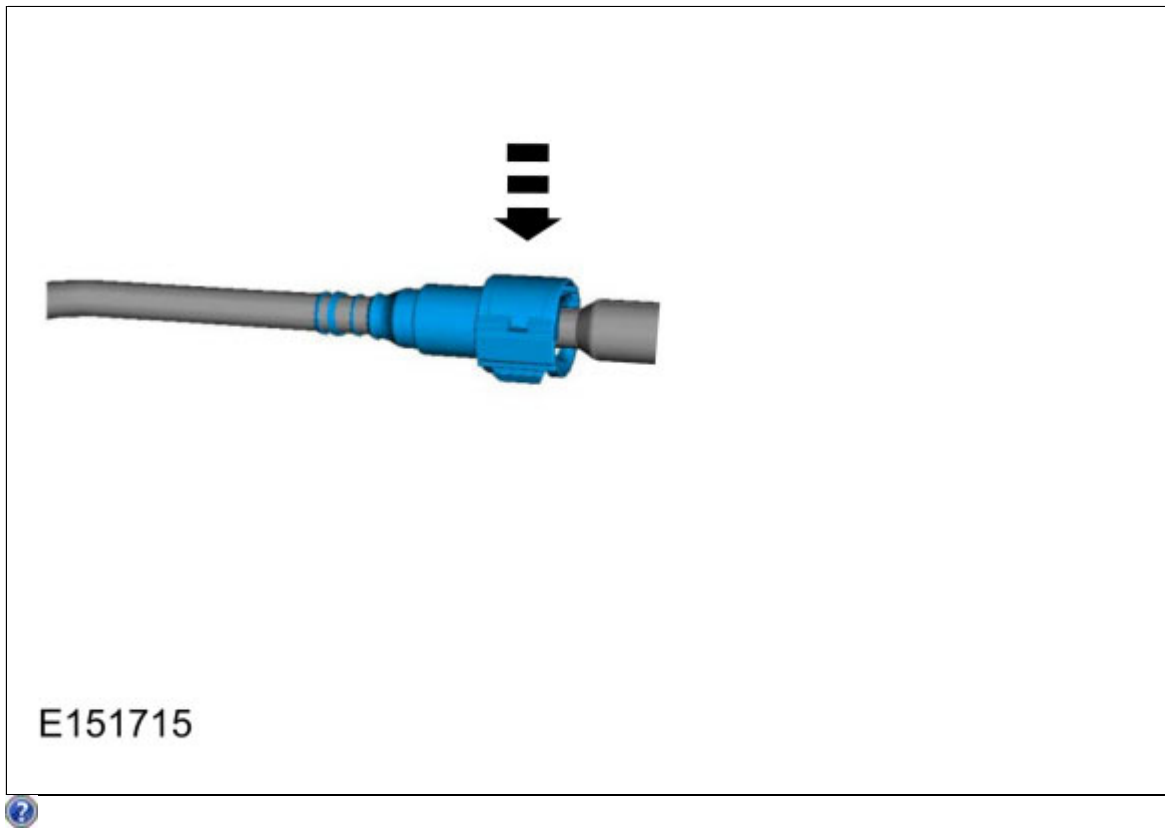


**Connect**

1.



2.



3. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

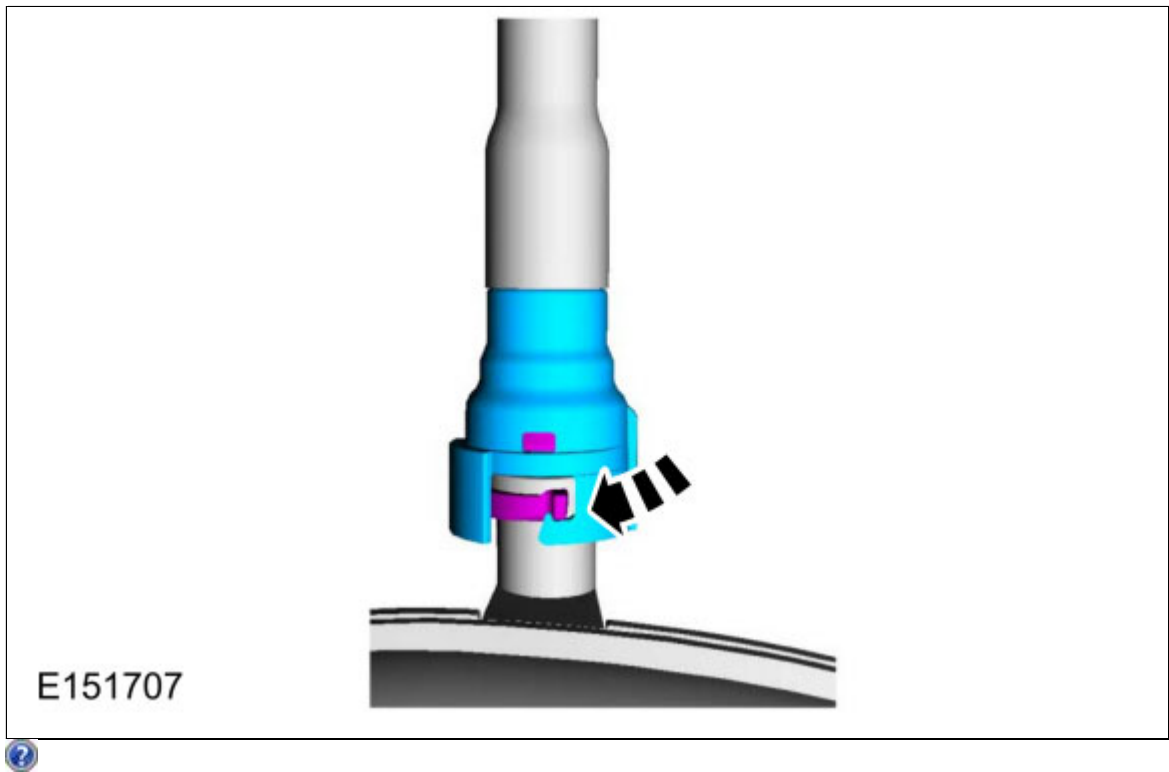
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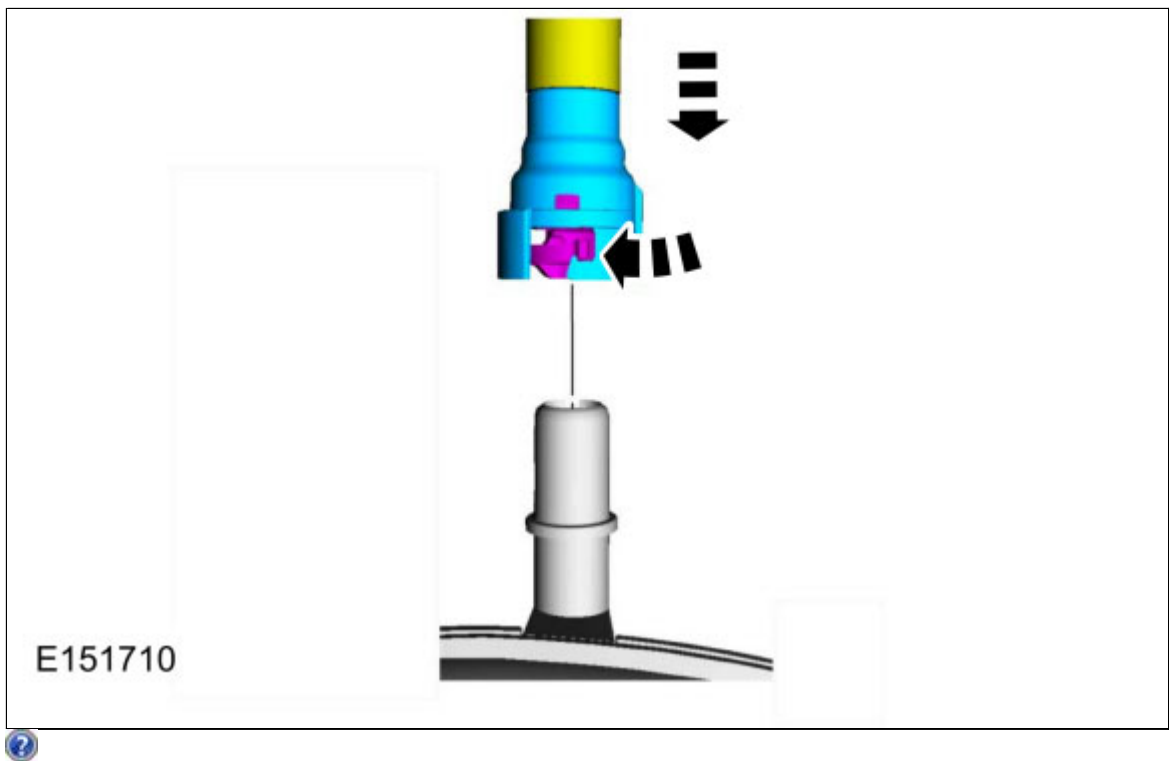
### NOTE: Type 3

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
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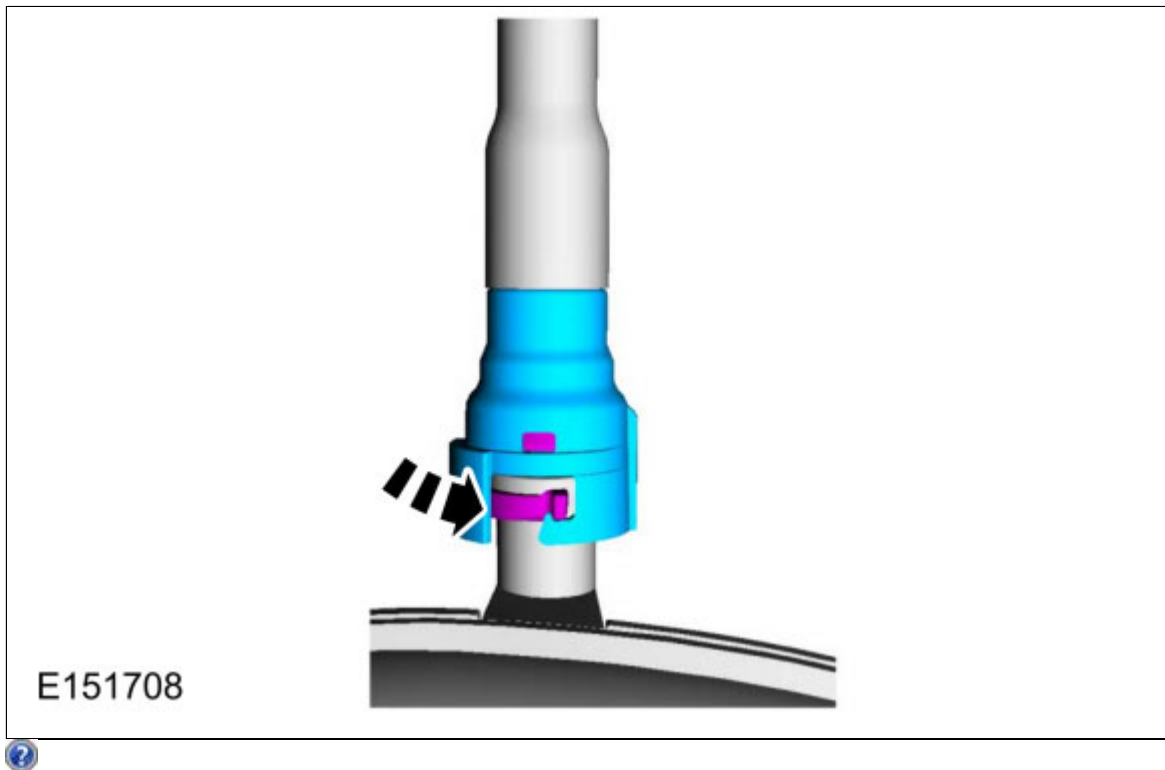
# Connect

1.



2.





3. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

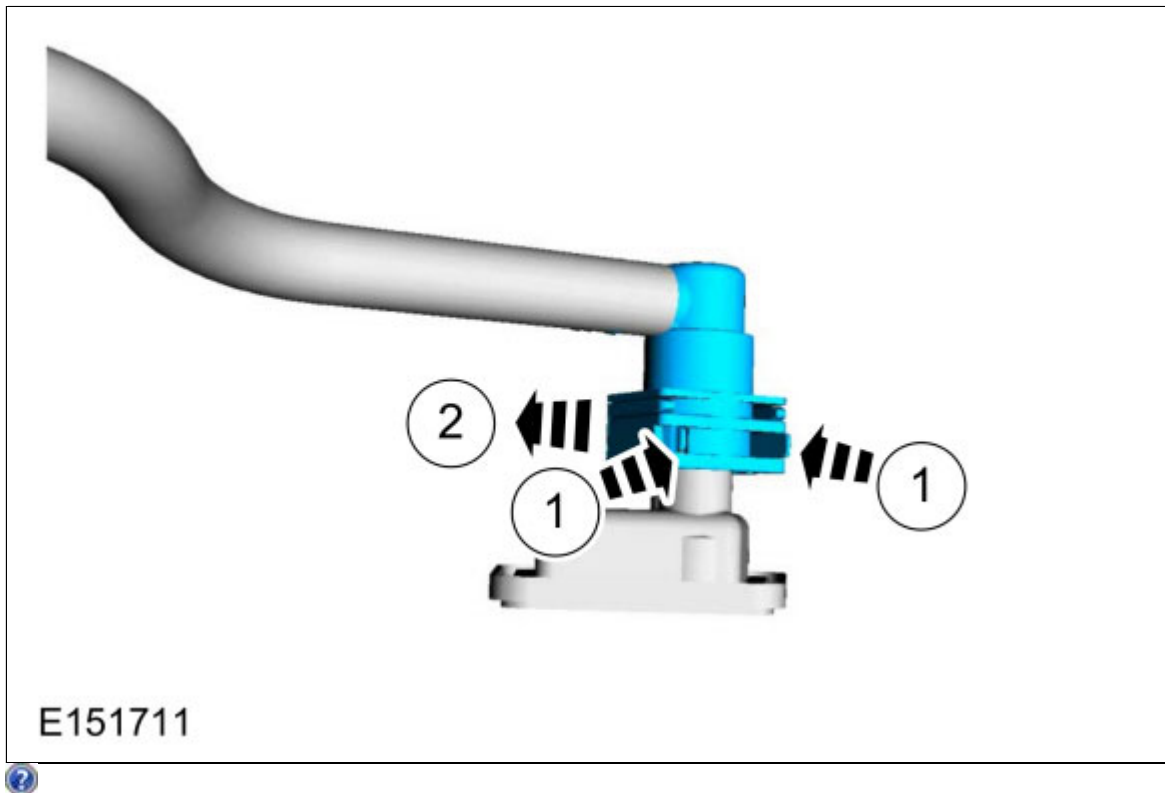
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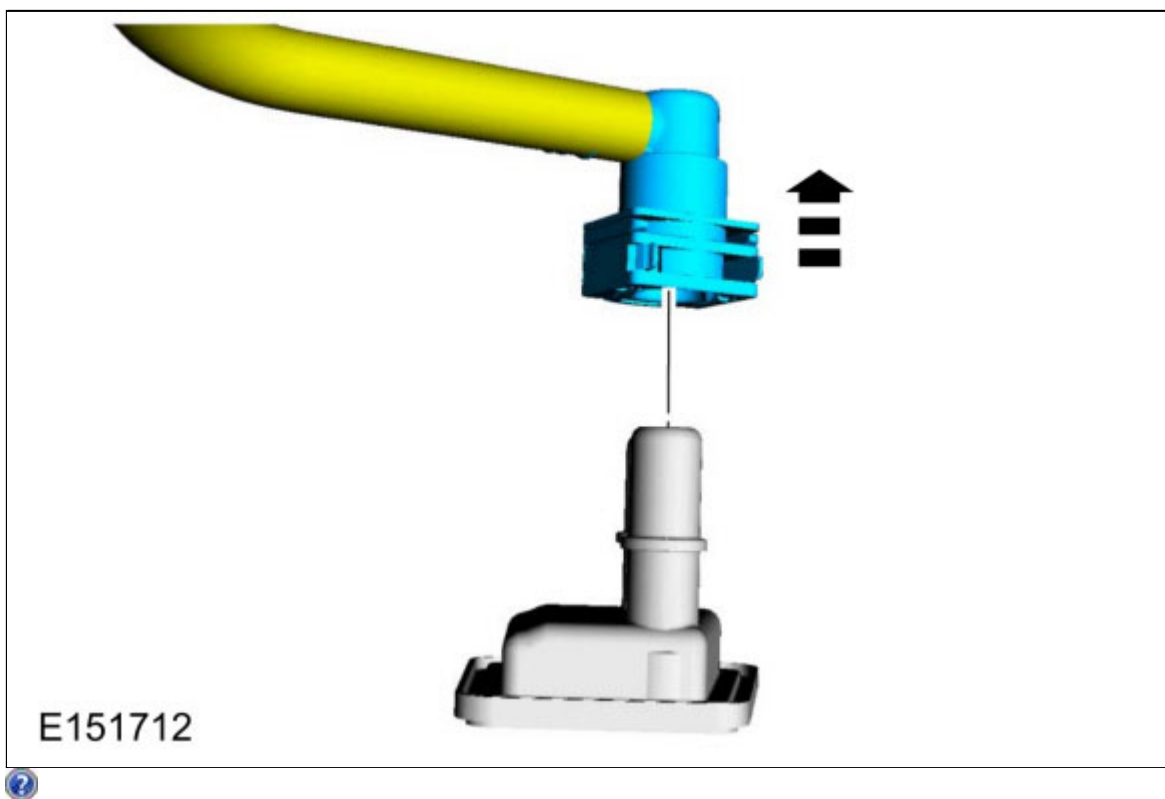
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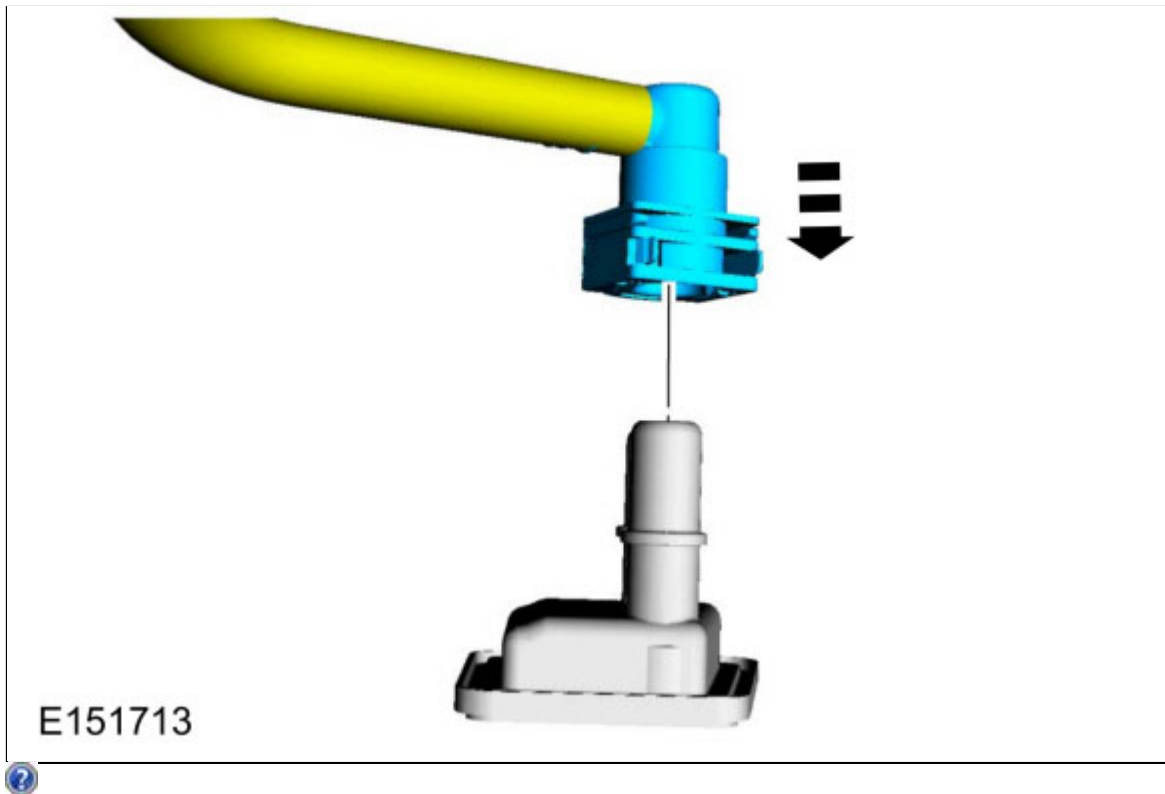
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
Refer to: [Fuel System Pressure Release](#) (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



4.

**Connect**

1.



2. Connect the battery ground cable.

Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

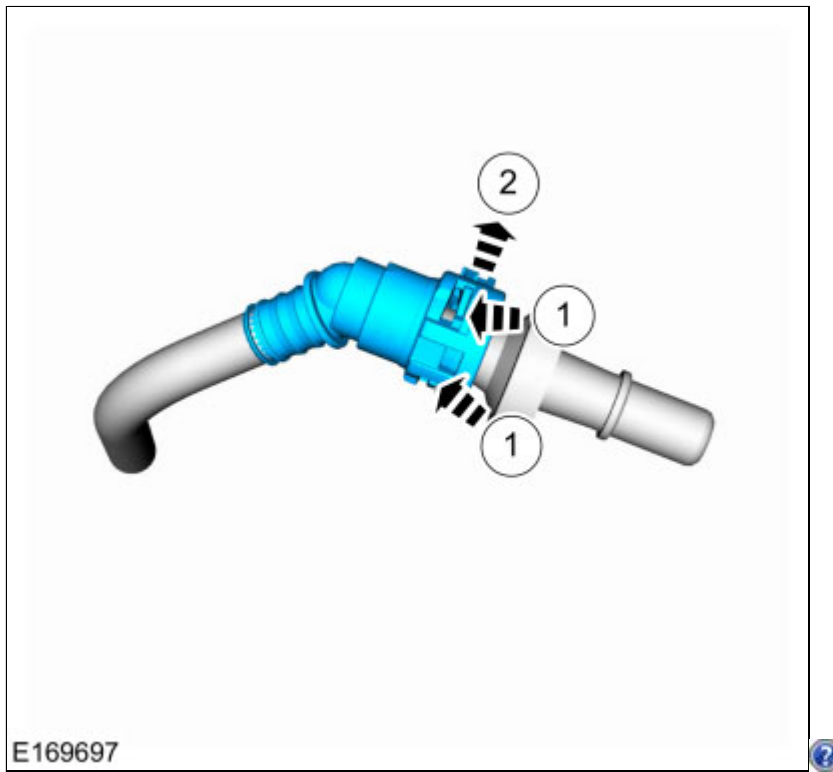
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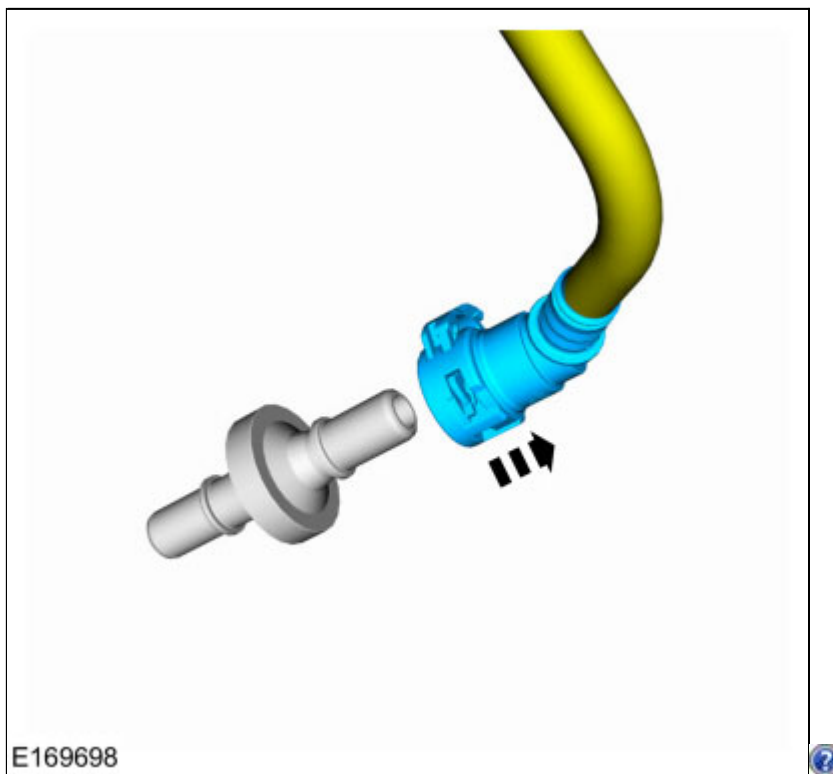
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### NOTE: Type 5

1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
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2. Disconnect the battery ground cable.  
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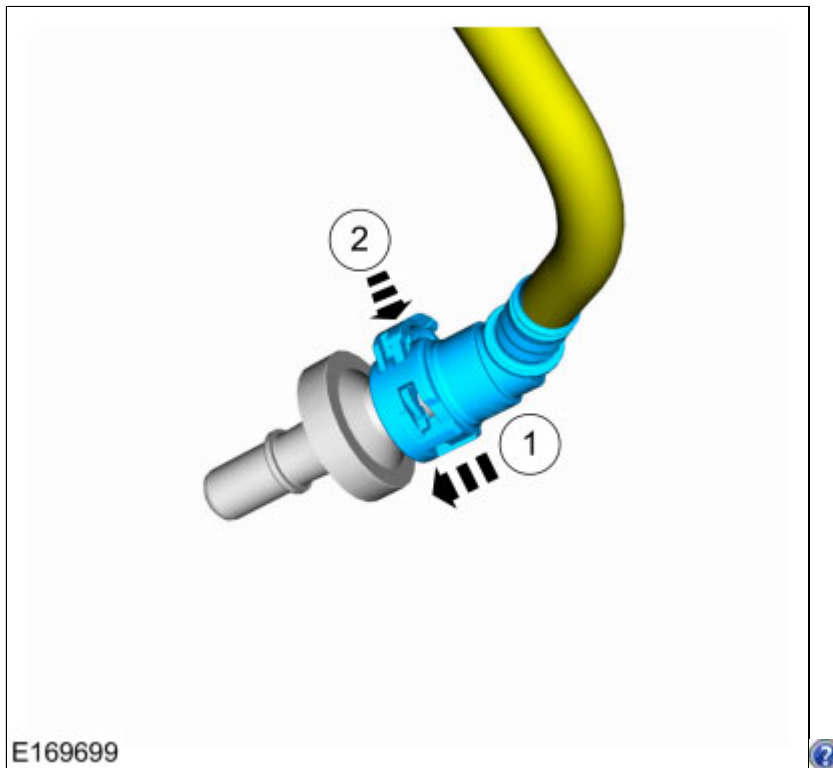


4.



**Connect**

1.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

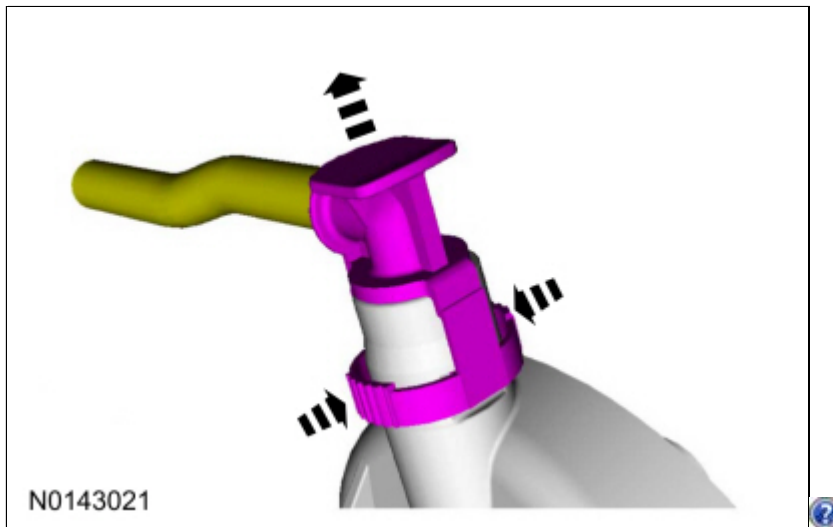
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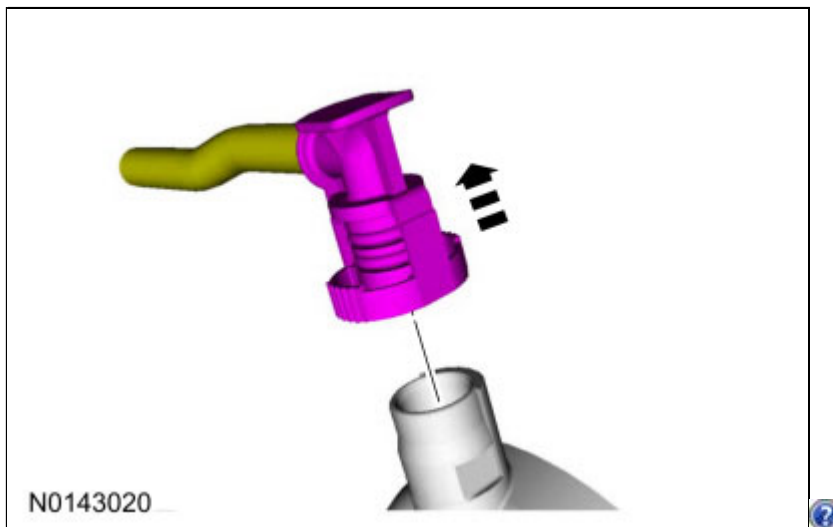
**NOTICE:** Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.

### NOTE: Type 6

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
3. Press the tabs of the rear retainer clip and pull it to the outward position.

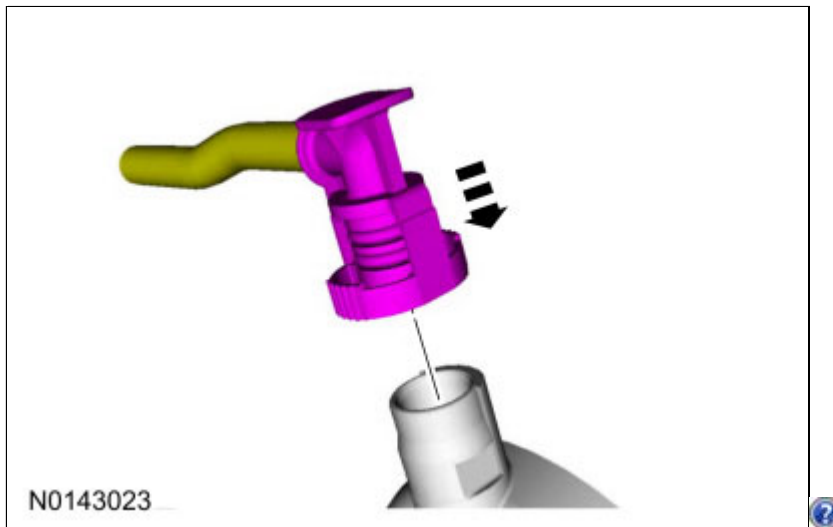


4.



### Connect

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



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

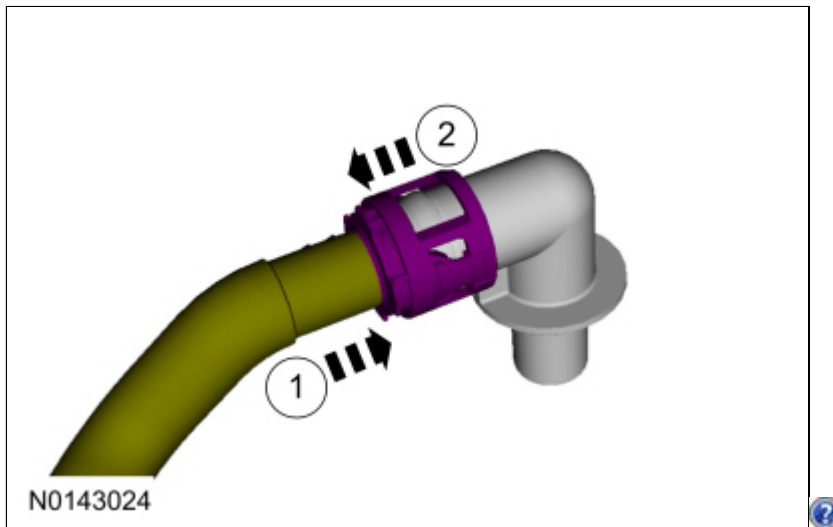
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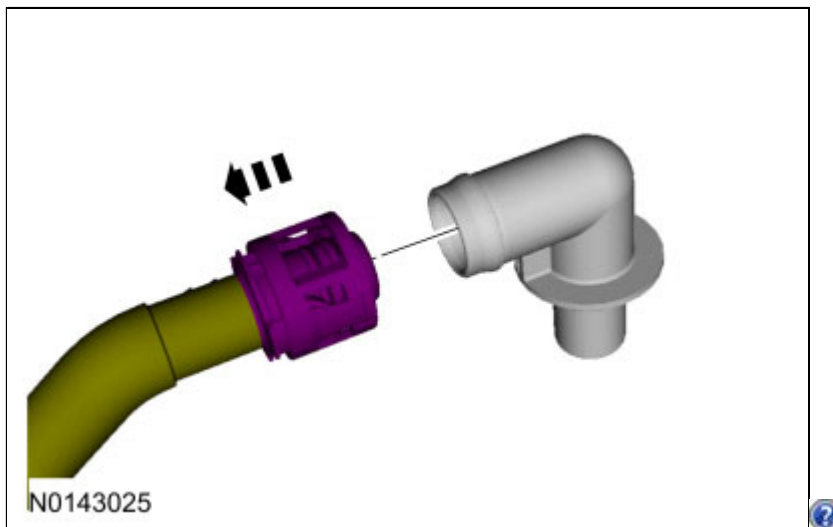
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#### NOTE: *Type 7*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
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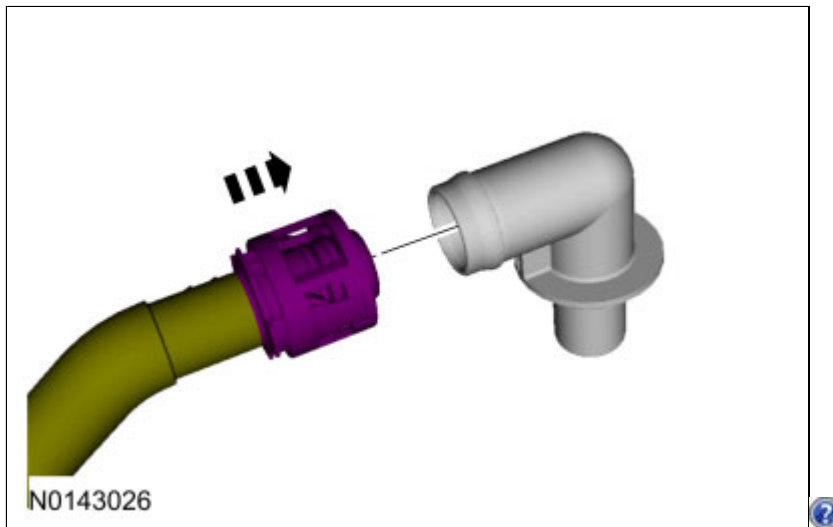
4.



### Connect

1. Pull on the quick connect coupling to make sure it is securely fastened.





2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

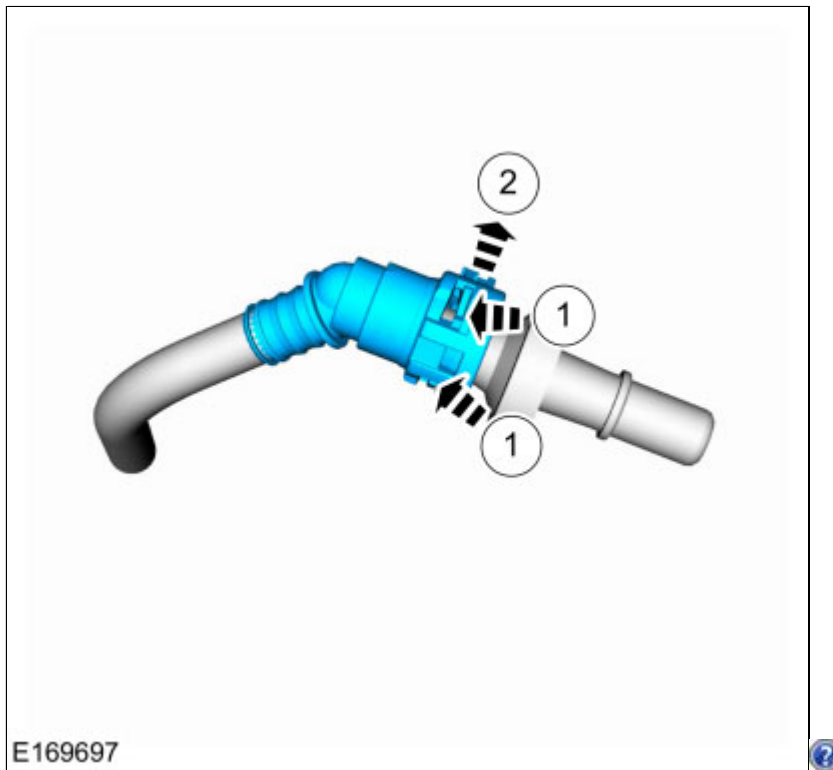
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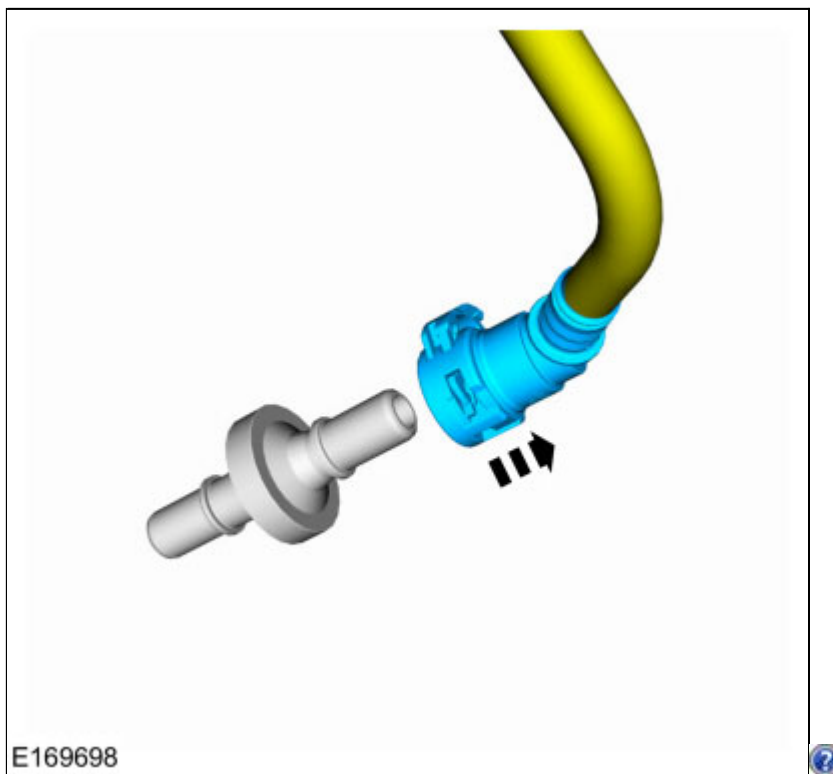
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#### NOTE: *Type 8*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.

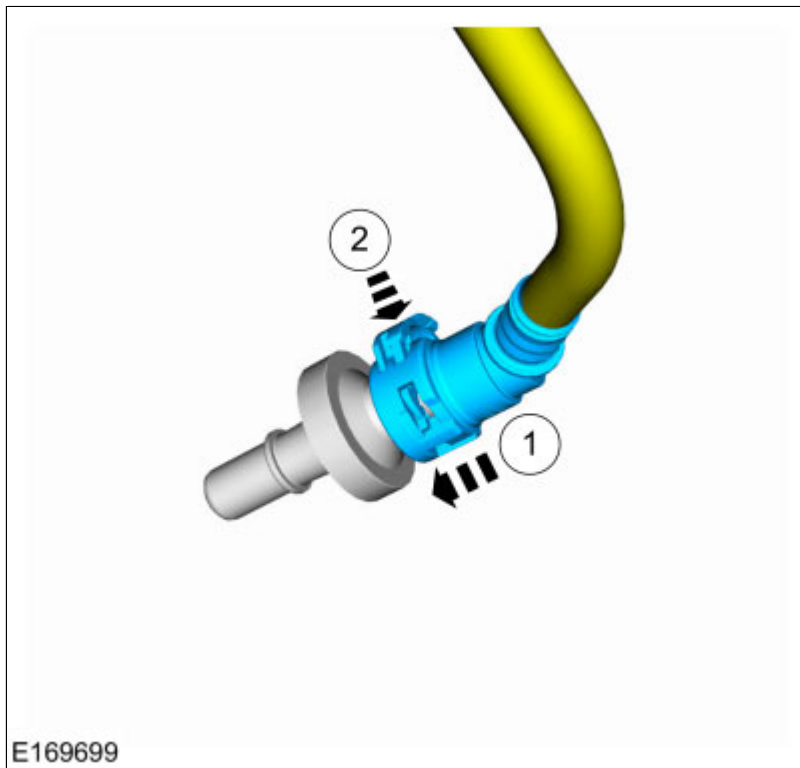


4.



**Connect**

1.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

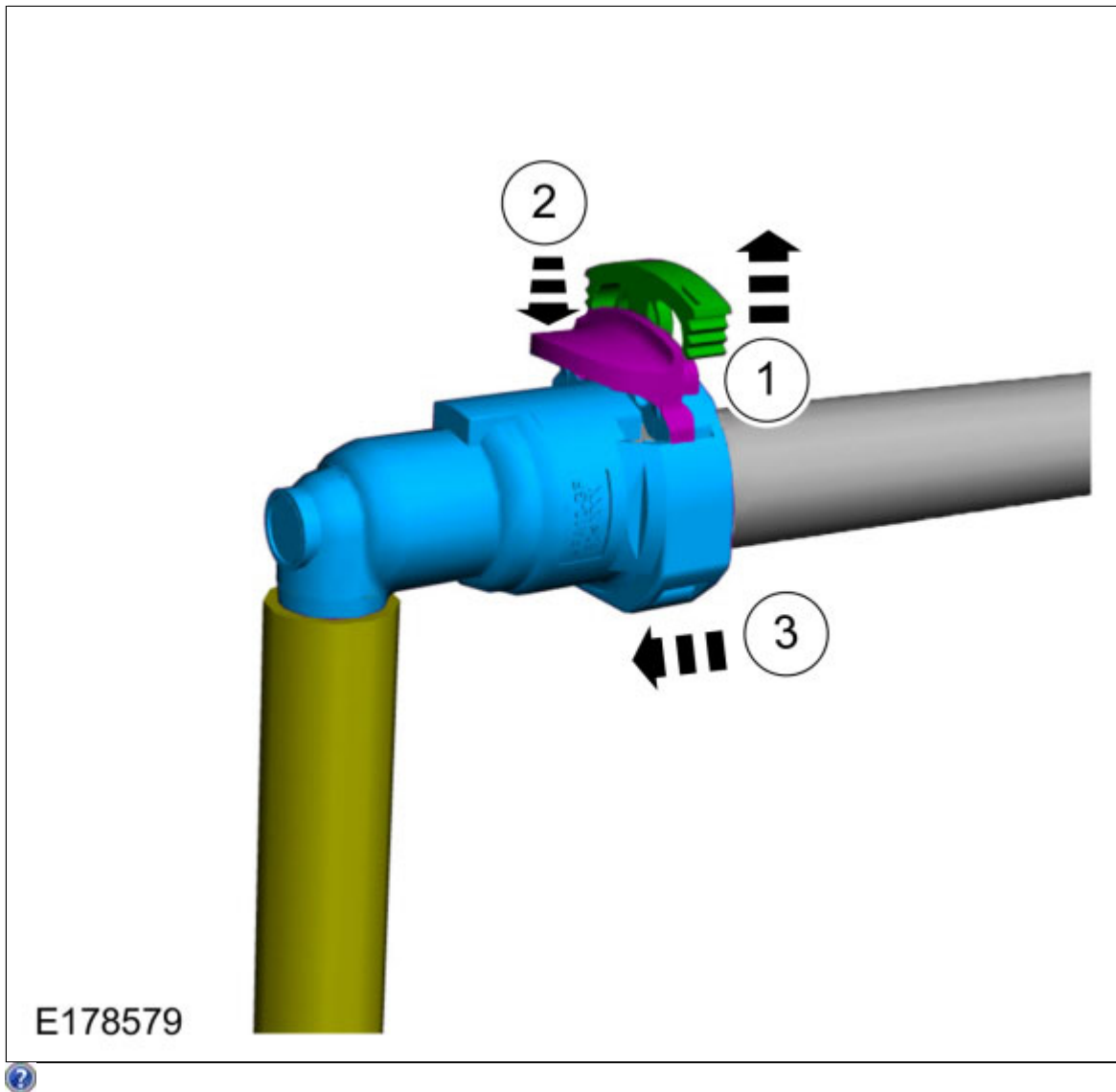
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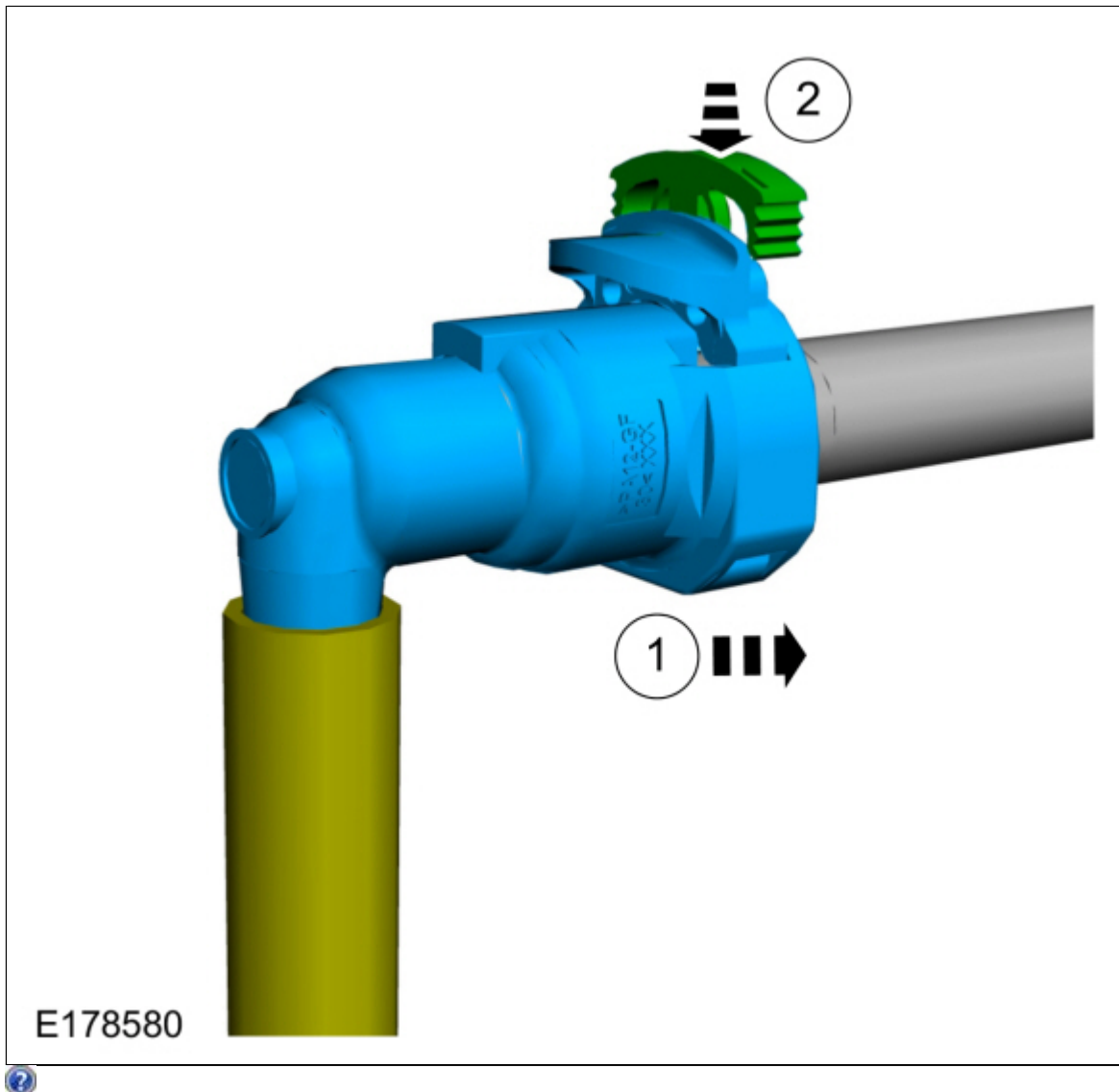
### NOTE: Type 9

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
3.
  1. Release the secondary locking tab.
  2. Depress the primary locking tab.
  3. Separate the quick release coupling from the tube.



### Connect

1.
    1. Push the quick release coupling onto the tube.
    2. **NOTE:** Pull on the quick release coupling and the fitting to make sure it is securely fastened.
- Lock the secondary locking tab.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

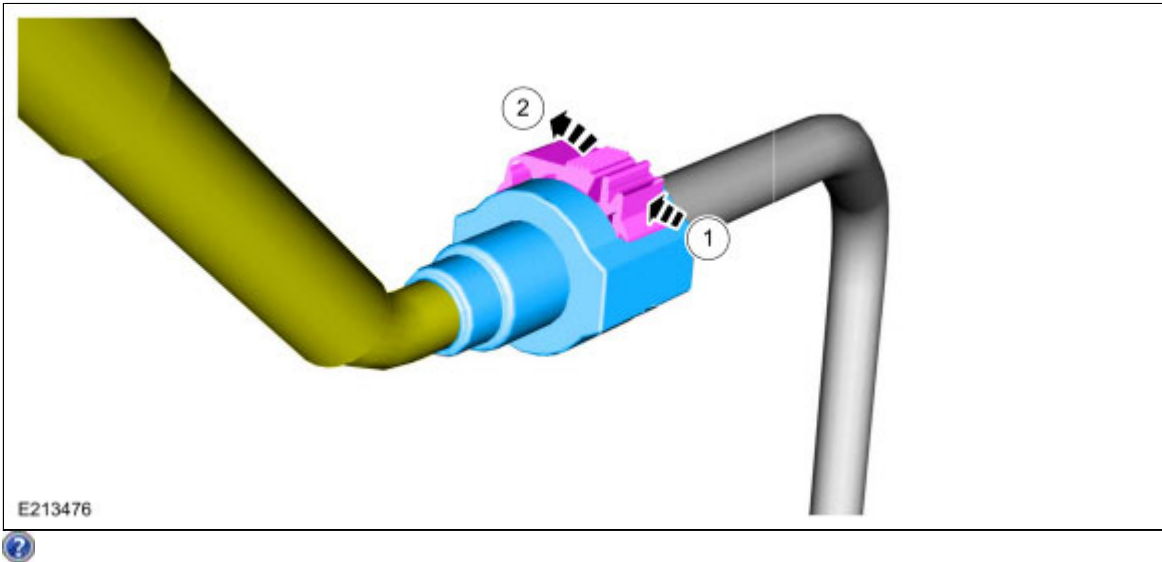
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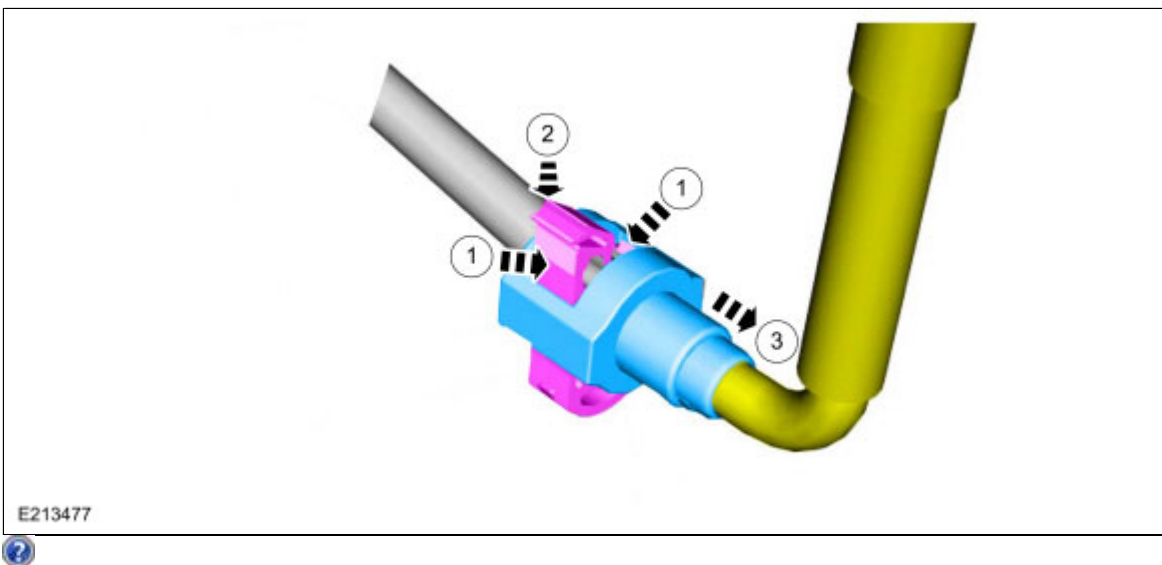
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**NOTE:** *Type 10*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
3.
  1. Push on the locking tab.
  2. Lift the clip.



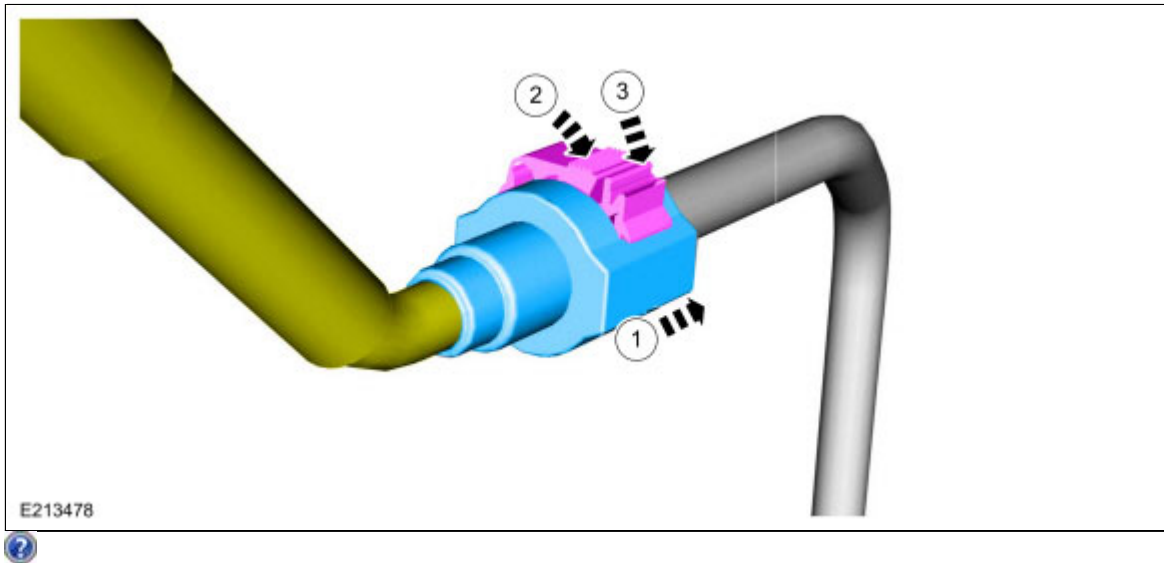
4.
  1. Depress the tabs inward.
  2. Push the clip downward.
  3. Separate the quick release coupling from the fuel line.



**Connect**

1.
  1. Push the quick release coupling onto the tube.
  2. Push the clip down into the quick release coupling.
  3. **NOTE:** Pull on the quick release coupling and the fitting to make sure it is securely fastened.

Snap the locking tab into place.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

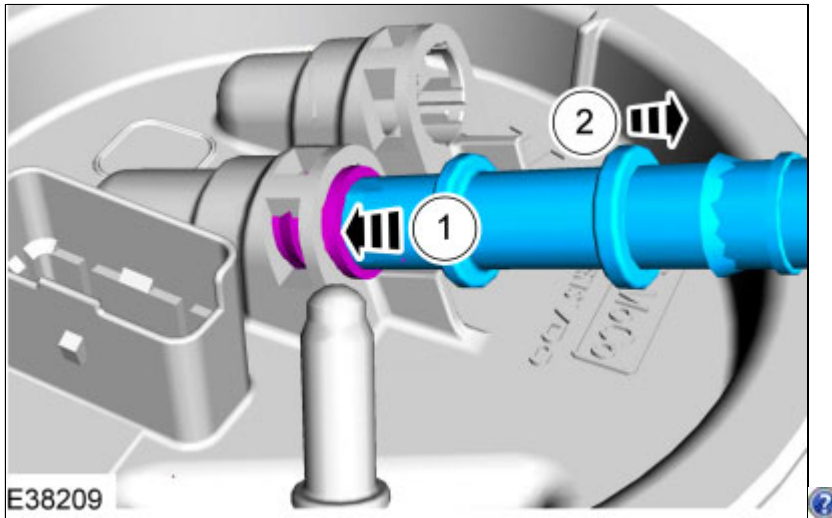
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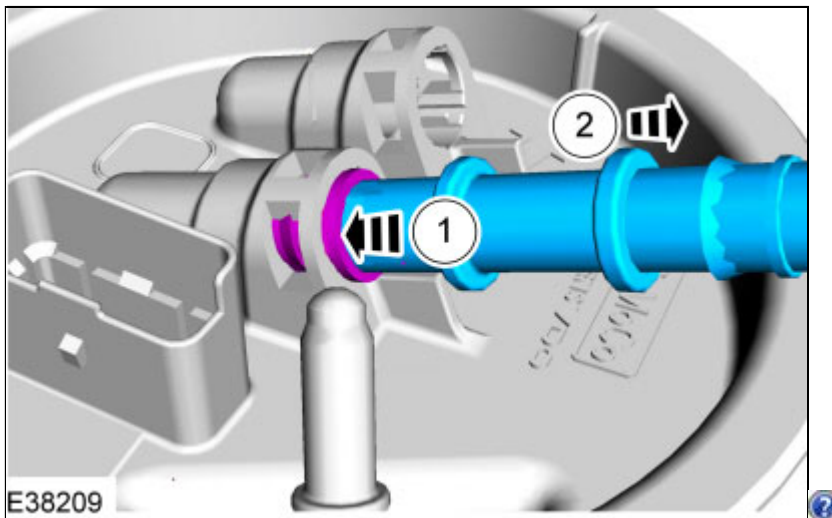
### NOTE: Type 11

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



### 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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

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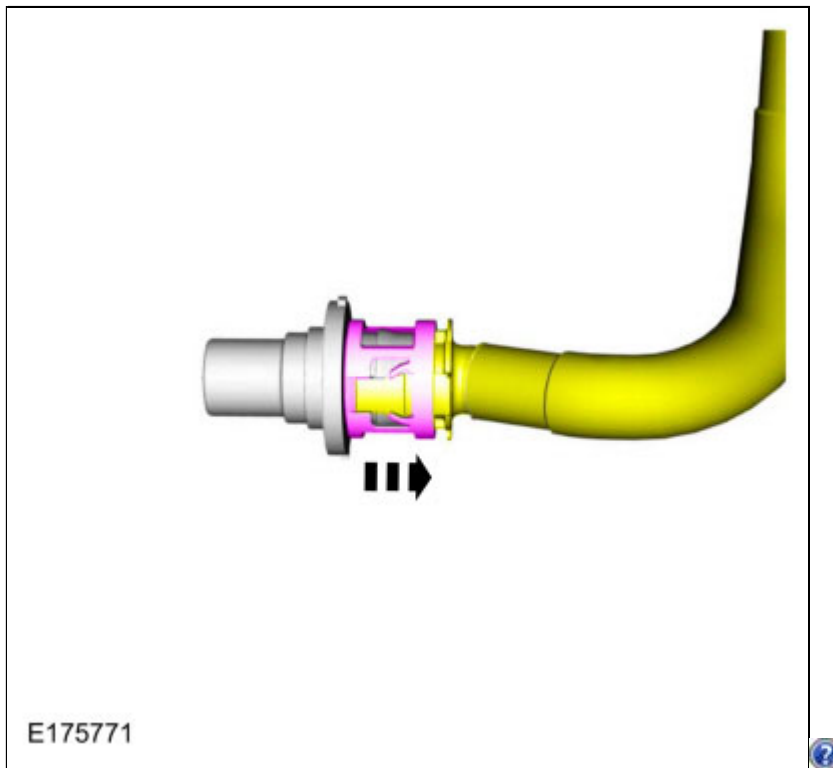
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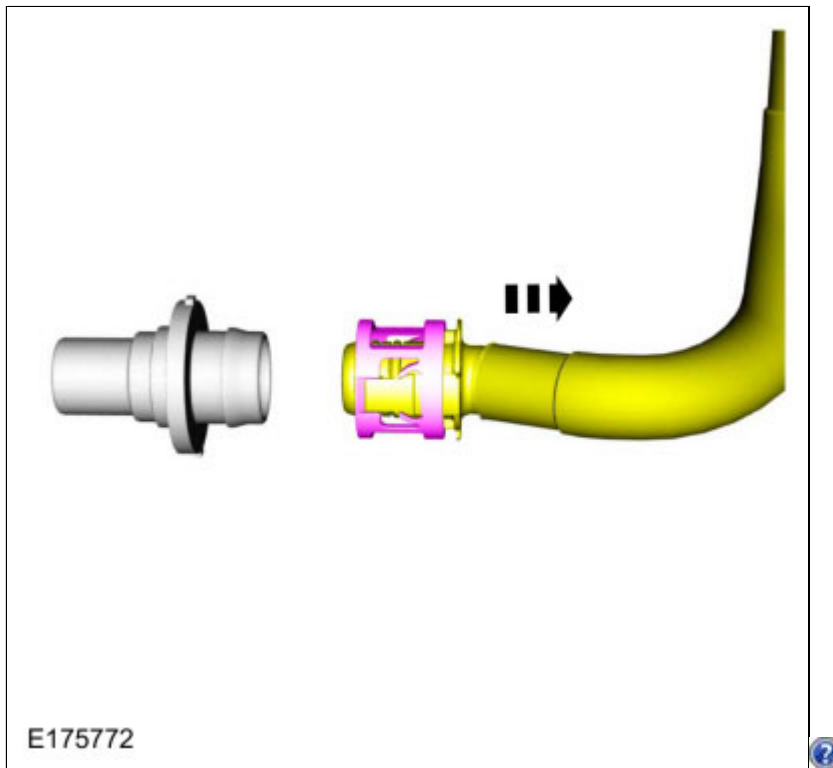
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**NOTE: Type 12**

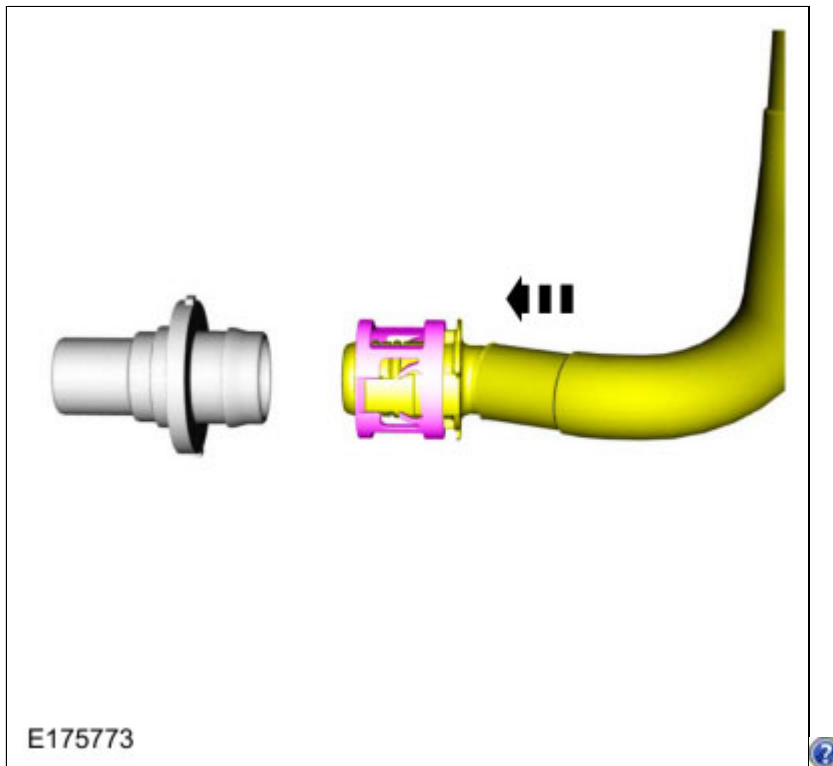
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2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



- 4.

**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

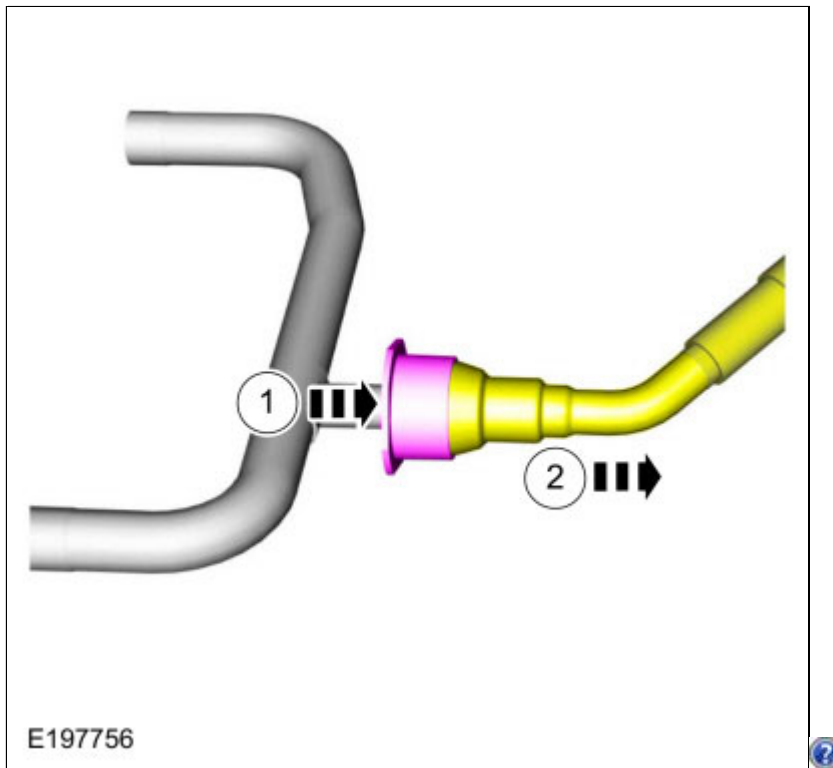
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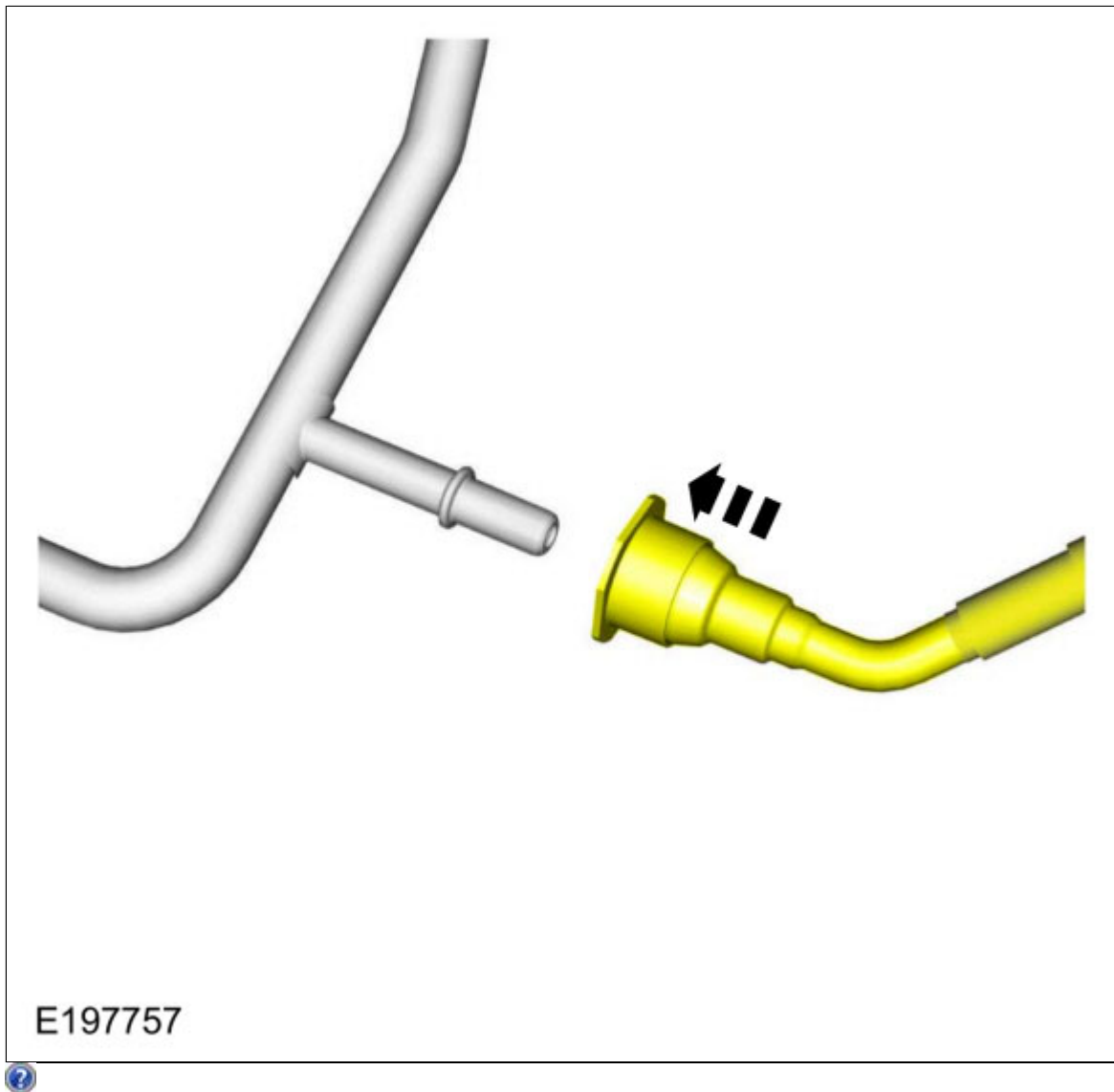
#### NOTE: Type 13

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2. Disconnect the battery ground cable.  
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- 3.



### 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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

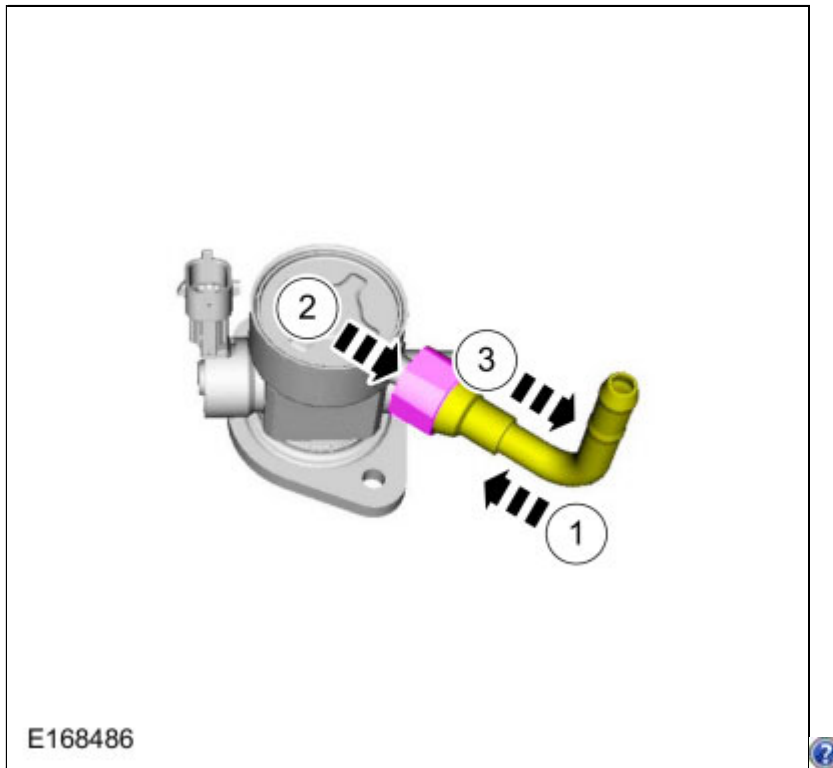
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

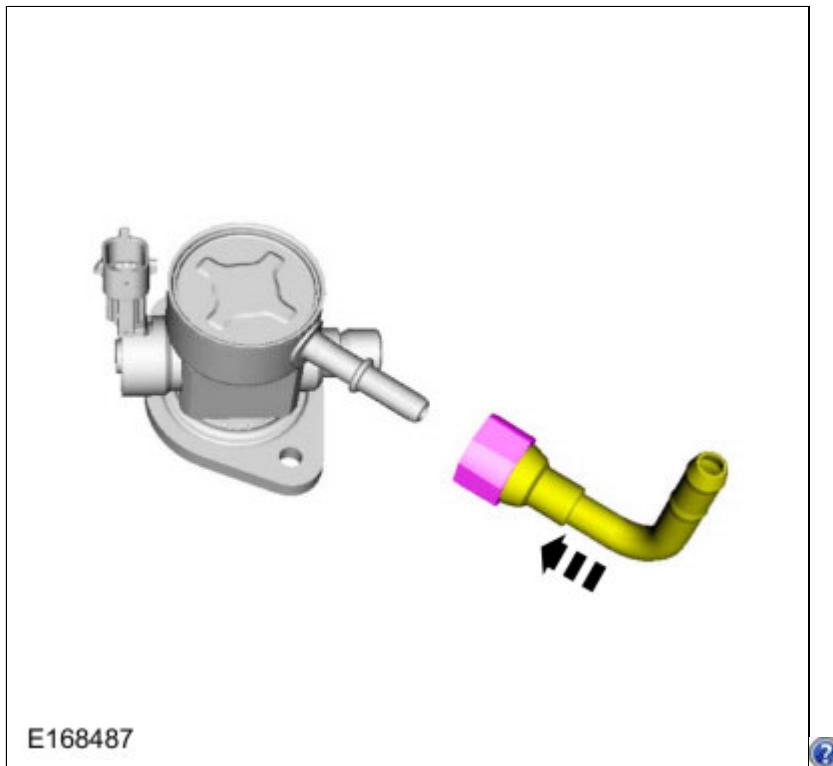
**NOTE:** *Type 14*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



### Connect

- 1.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

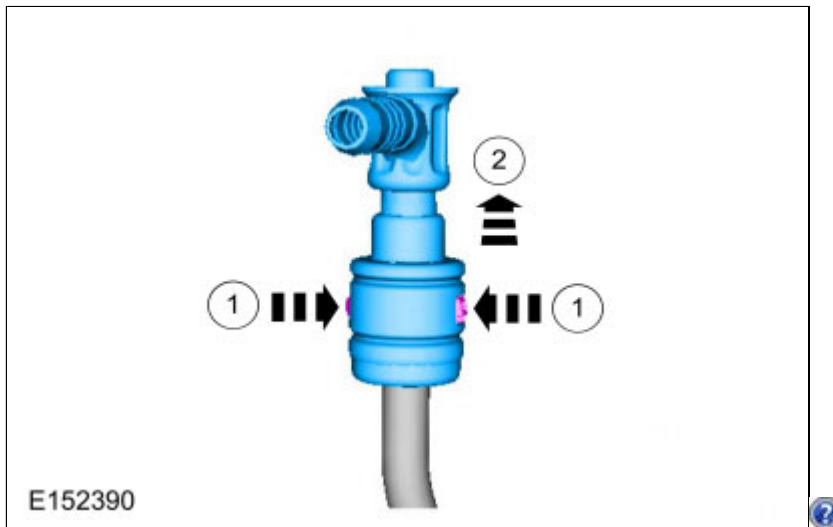
**NOTICE:** When reusing liquid or vapor tube connections, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

#### NOTE: *Type 15*

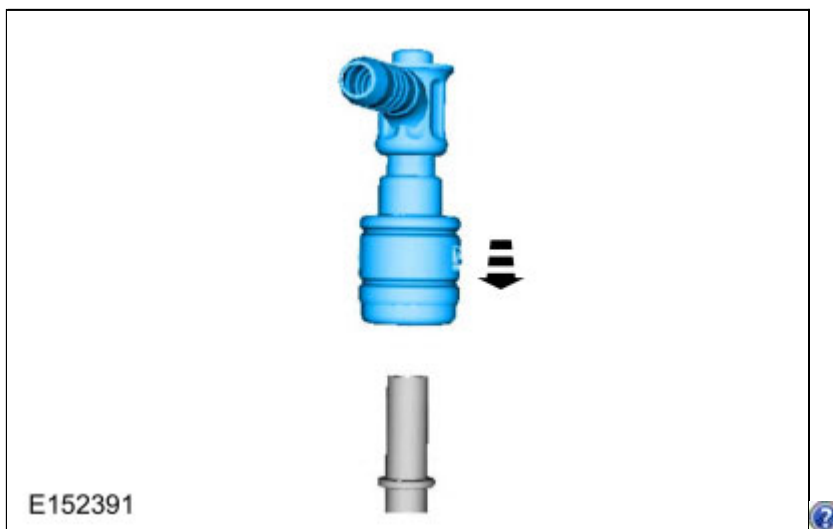
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.
2. Press both retaining tabs inward and remove quick release coupling from fuel tube.



### Connect

1. **NOTE:** *Inspect and clean both quick release coupling ends.*

Install the quick release coupling onto the tube until it is fully seated.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

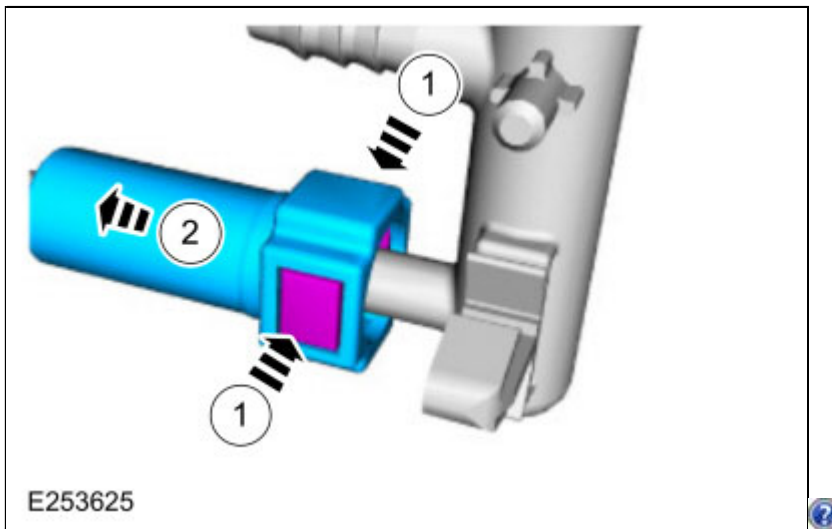
**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.



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

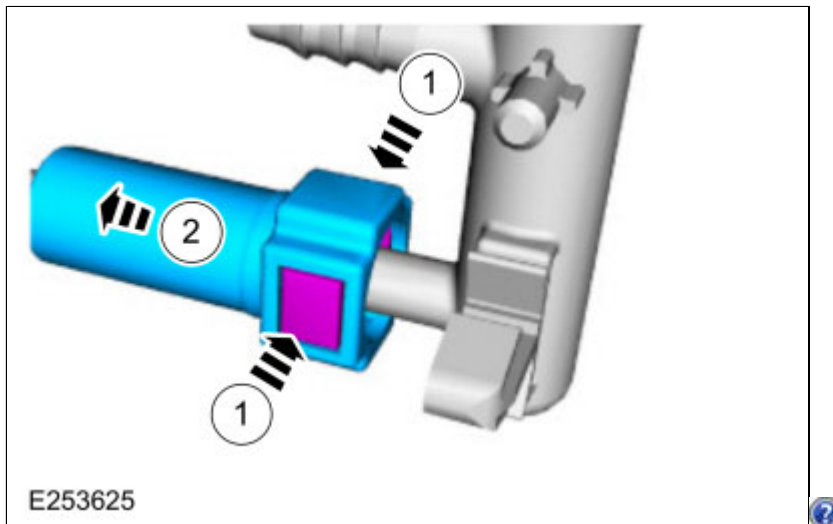
**NOTE: Type 16**

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

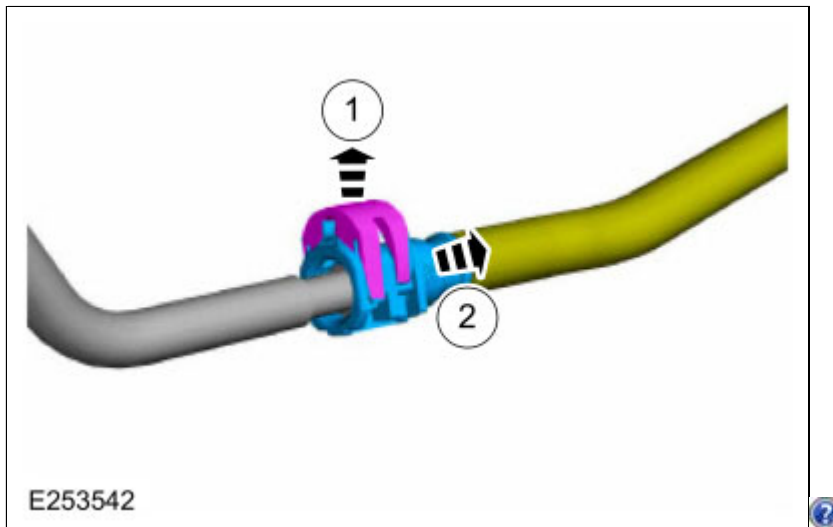
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

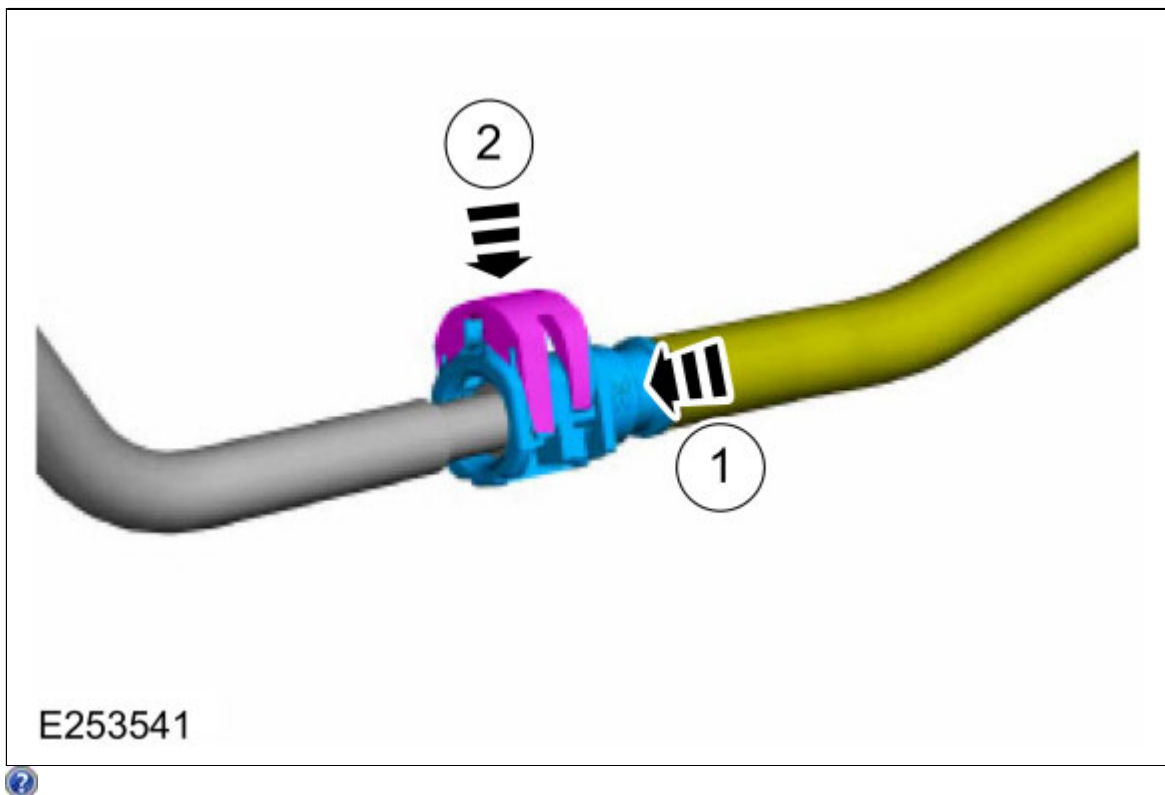
#### NOTE: *Type 17*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



### 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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

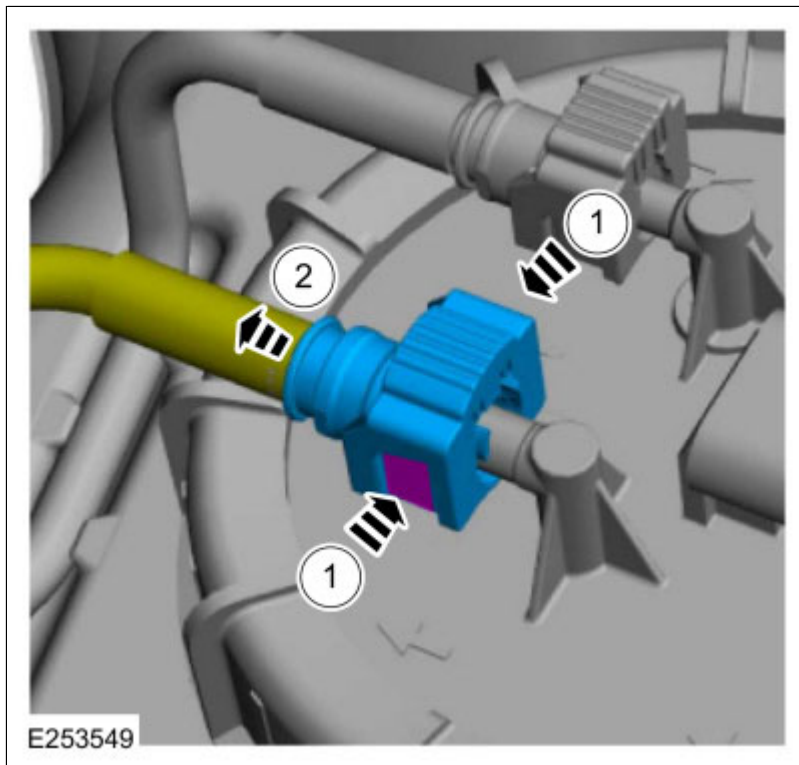
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

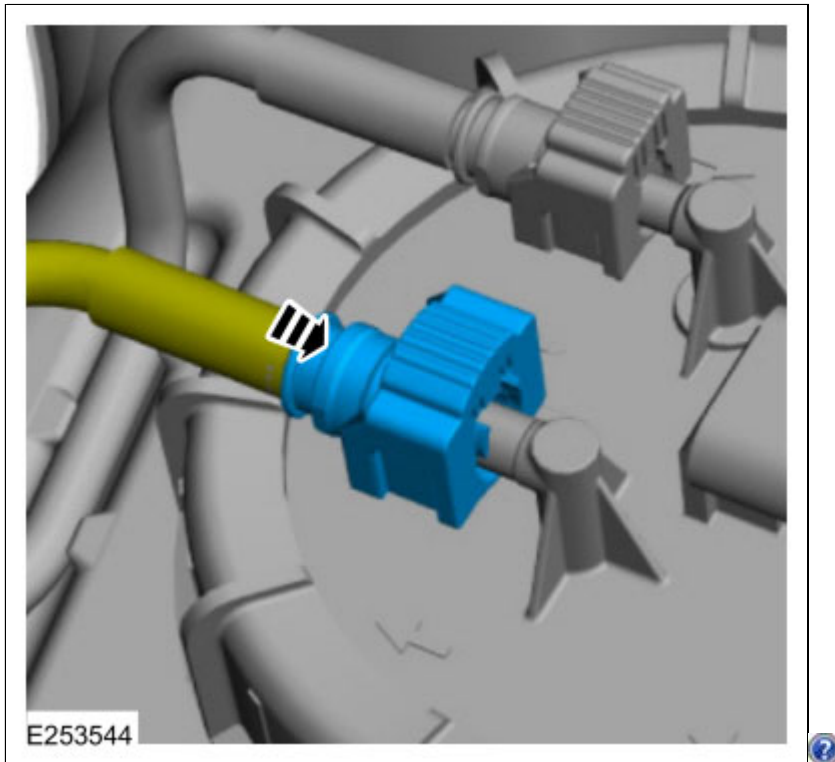
**NOTE:** *Type 18*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

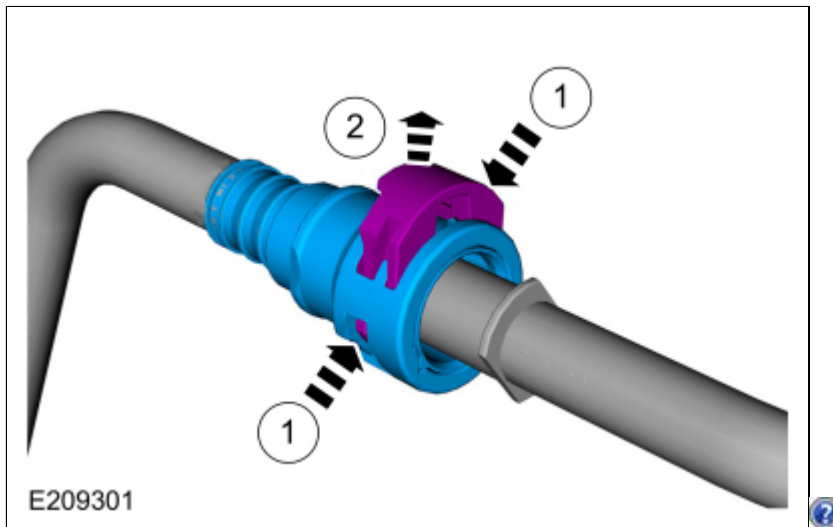
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

#### NOTE: Type 19

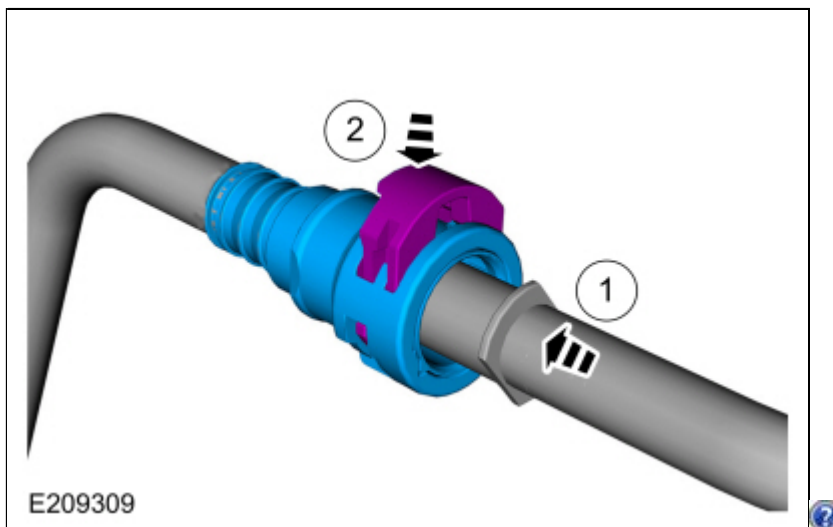
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
Refer to: [Fuel System Pressure Release](#) (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



### 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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

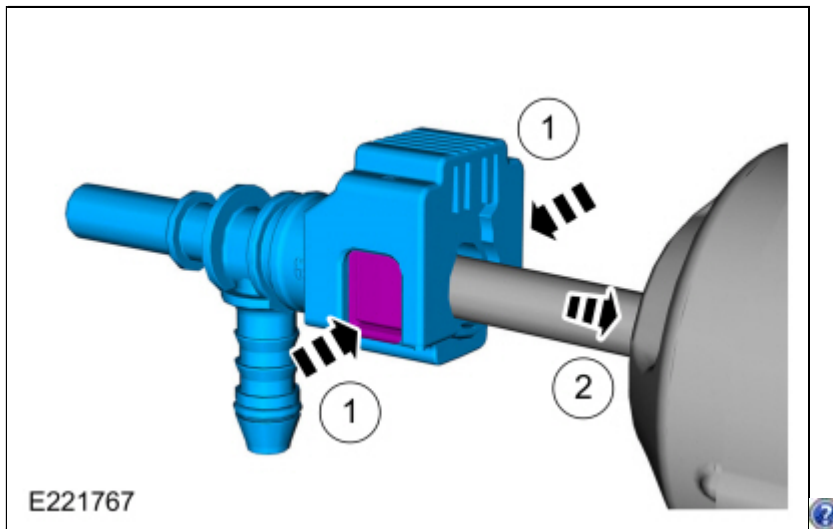
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

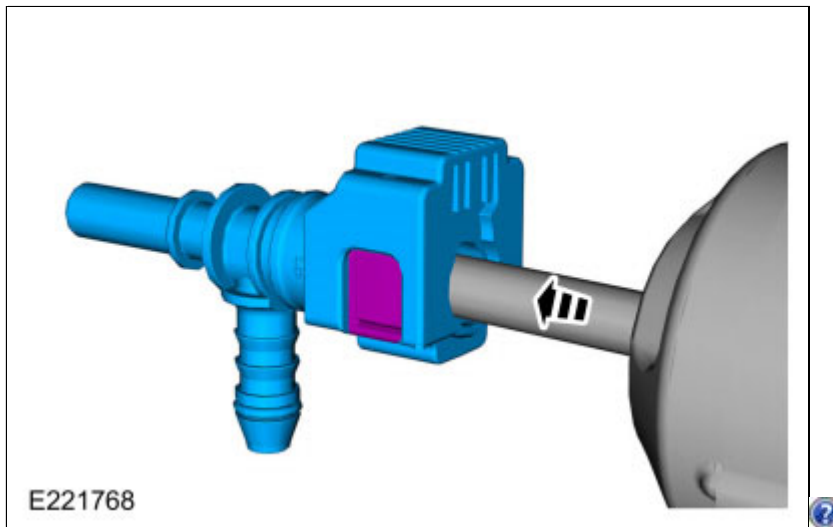
**NOTE:** *Type 20*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

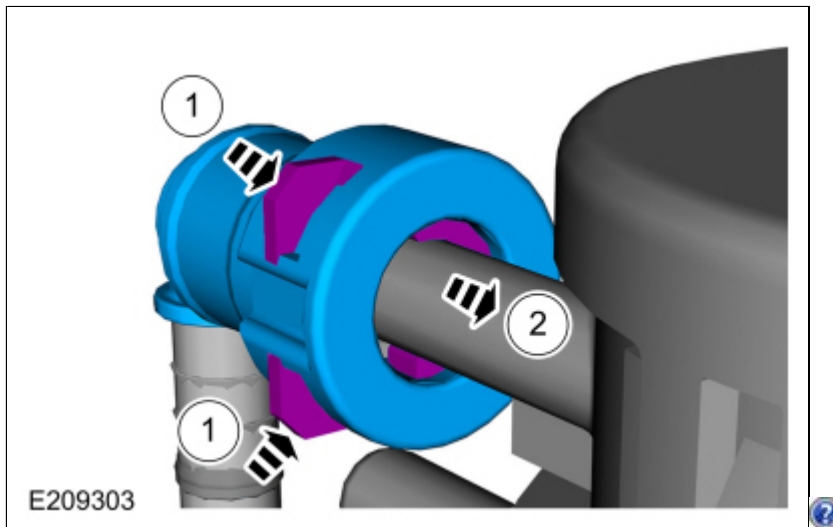
**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

#### NOTE: *Type 21*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.

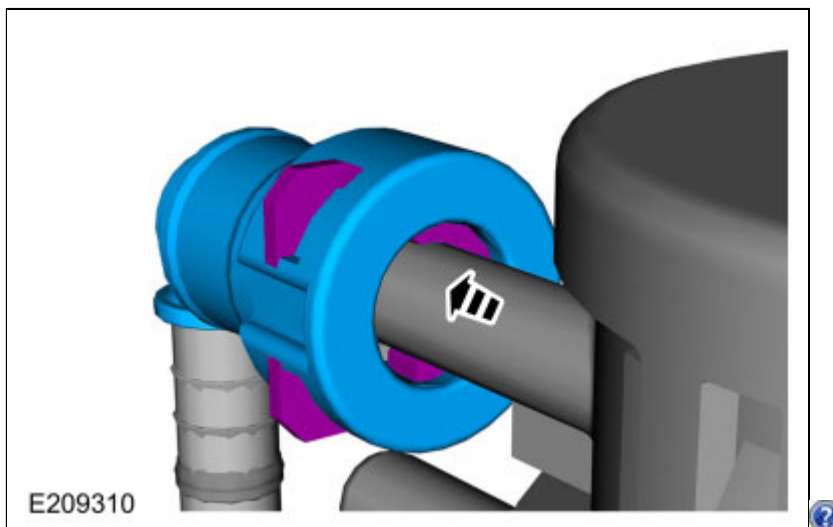




### Connect

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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

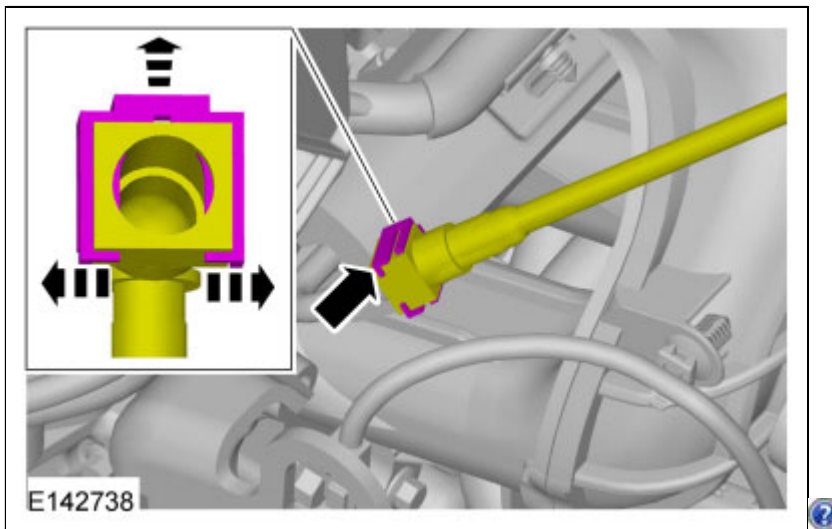
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

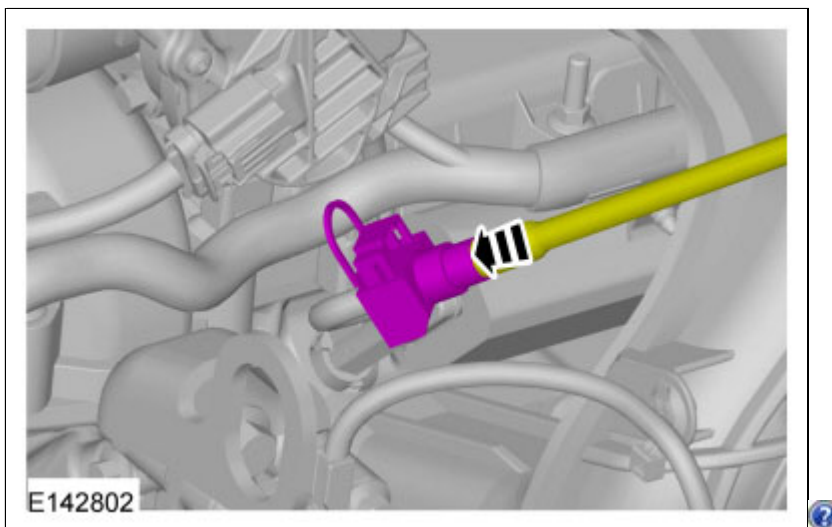
**NOTE:** *Type 22*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



**Connect**

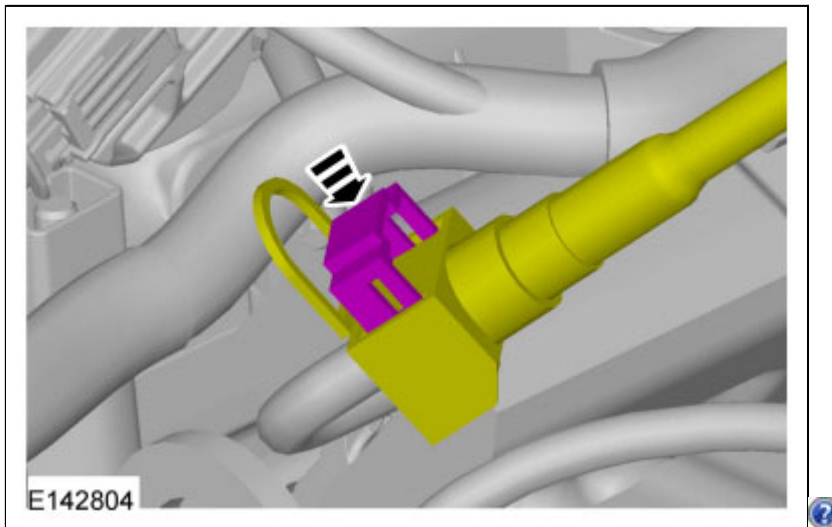
- 1.



- 2.

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

Snap the locking tab into place.

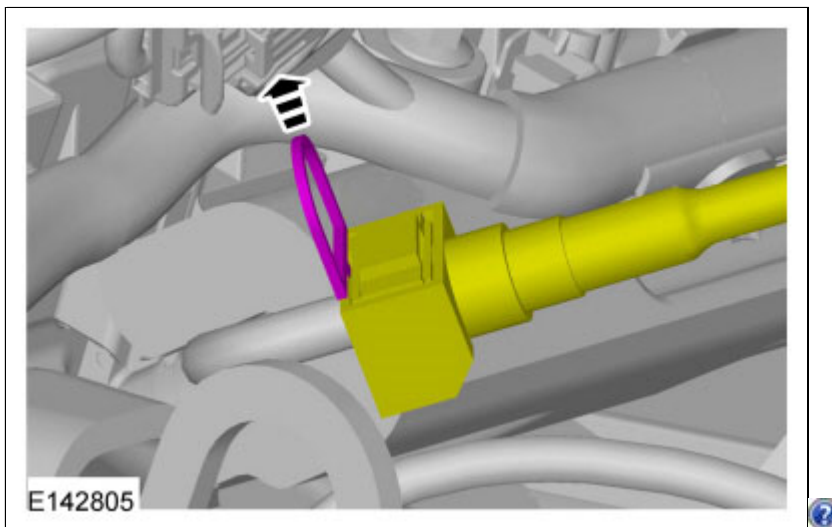


3. **NOTICE:** Make sure that all fuel connections are checked for leaks.

**NOTE:** This step is only necessary if a new component is installed.

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

Snap the locking tab into place.



4. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to

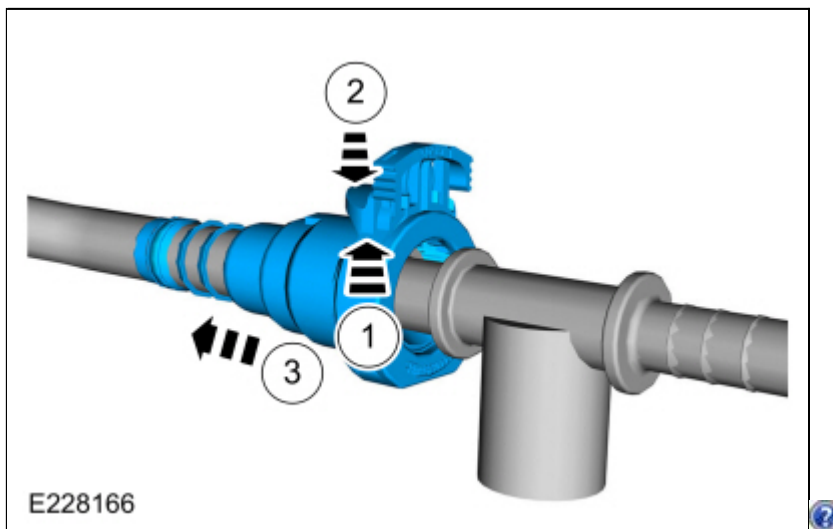
the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

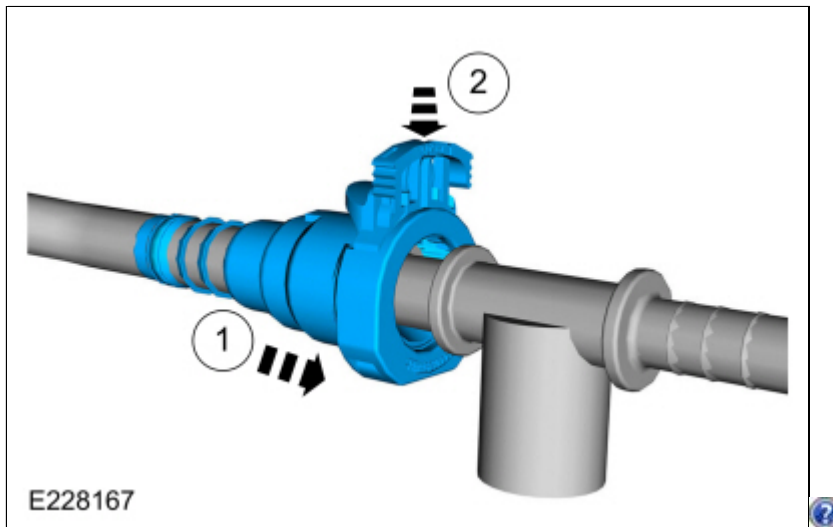
**NOTE:** *Type 23*

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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

#### Disconnect

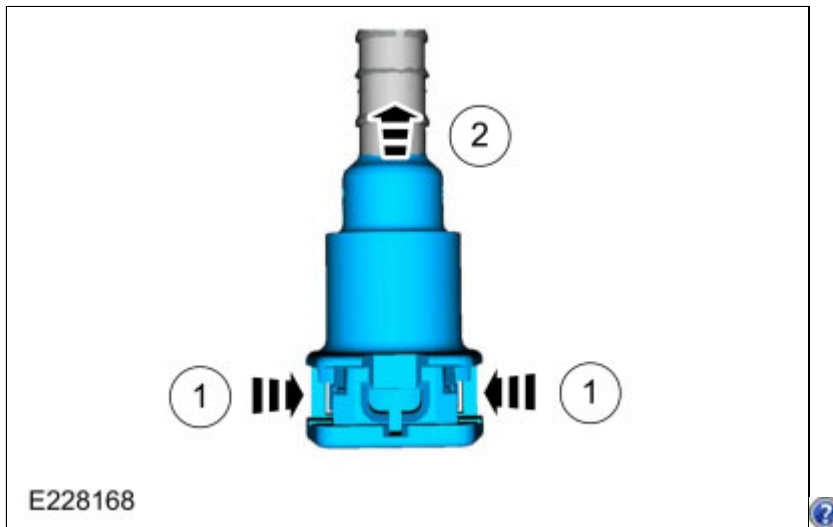
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

#### NOTE: *Type 24*

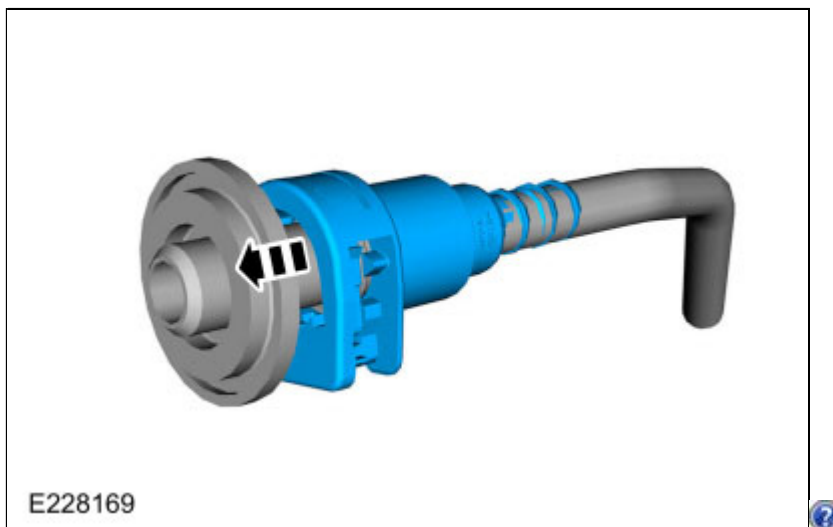
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
Refer to: [Fuel System Pressure Release](#) (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
- 3.



### 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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

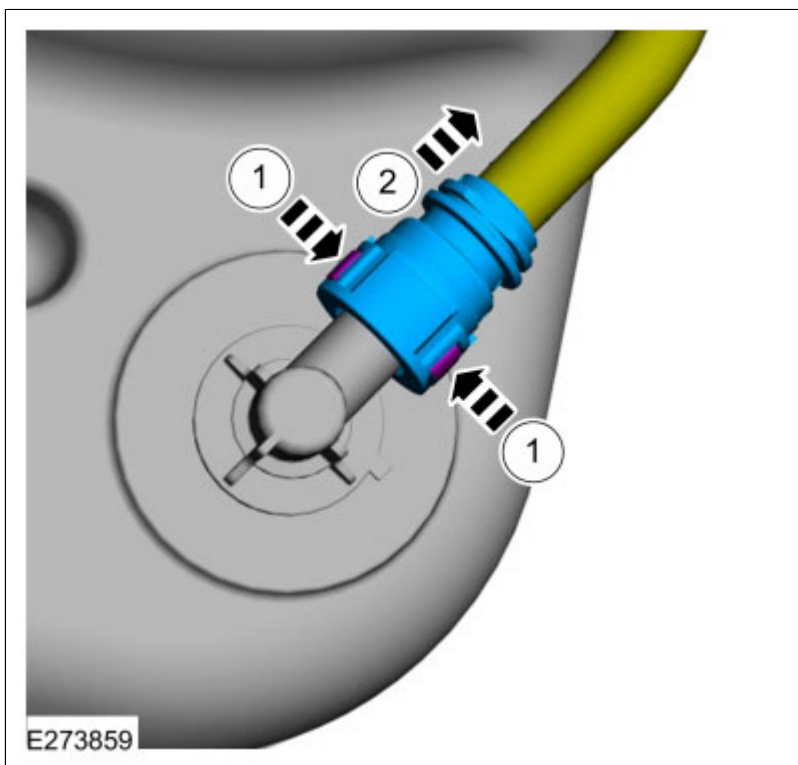
**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

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

**NOTE:** *Type 25*

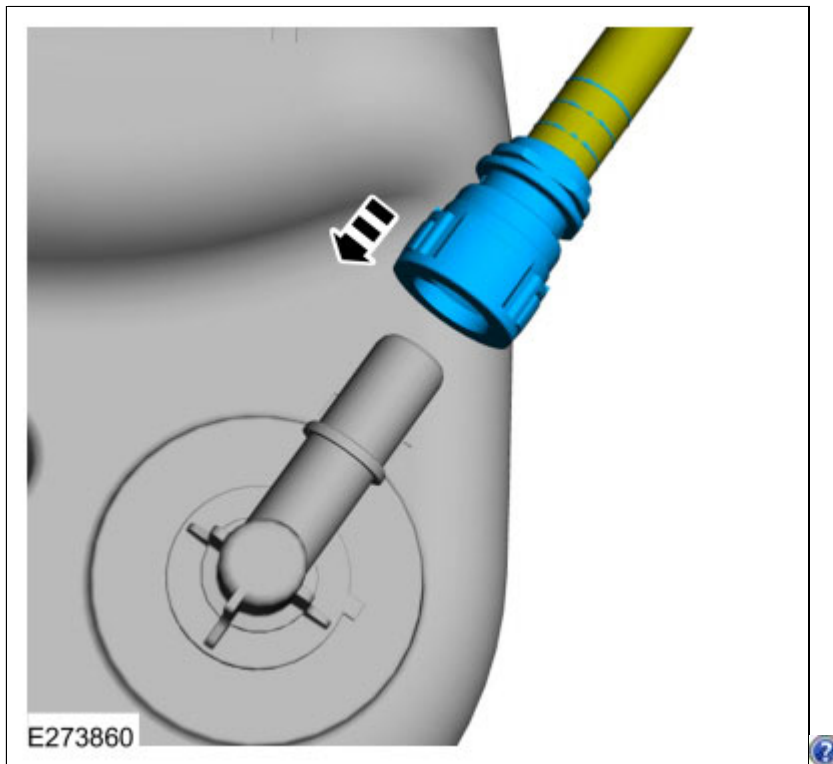
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
Refer to: [Fuel System Pressure Release](#) (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
3.
  1. Depress the clip into the quick release coupling.
  2. Separate the quick release coupling from the tube.



**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

**NOTICE:** When reusing liquid tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

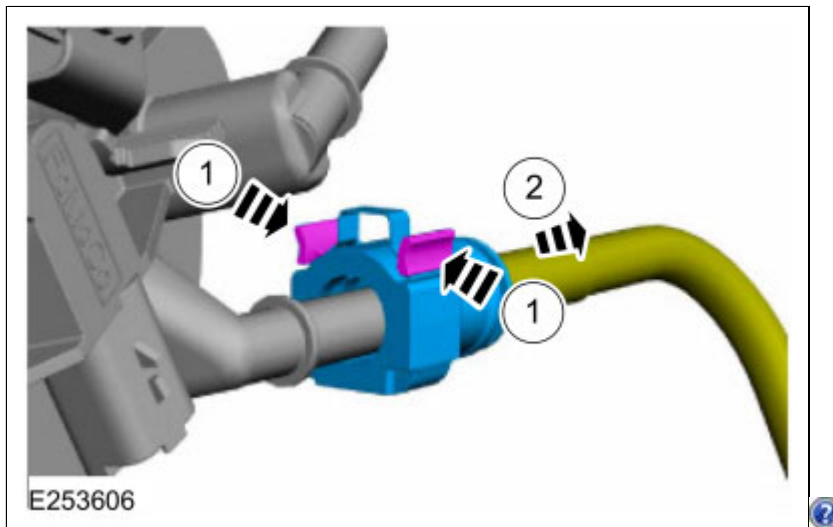
**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

**NOTICE:** 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 - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .
3.
  1. Remove the quick release coupling from the tube.

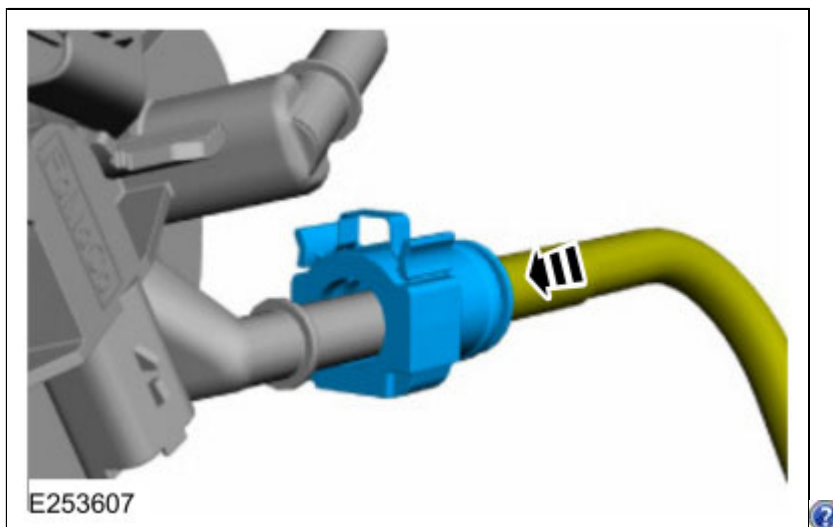




### Connect

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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L V6 PowerBoost (CN)) .

### Disconnect

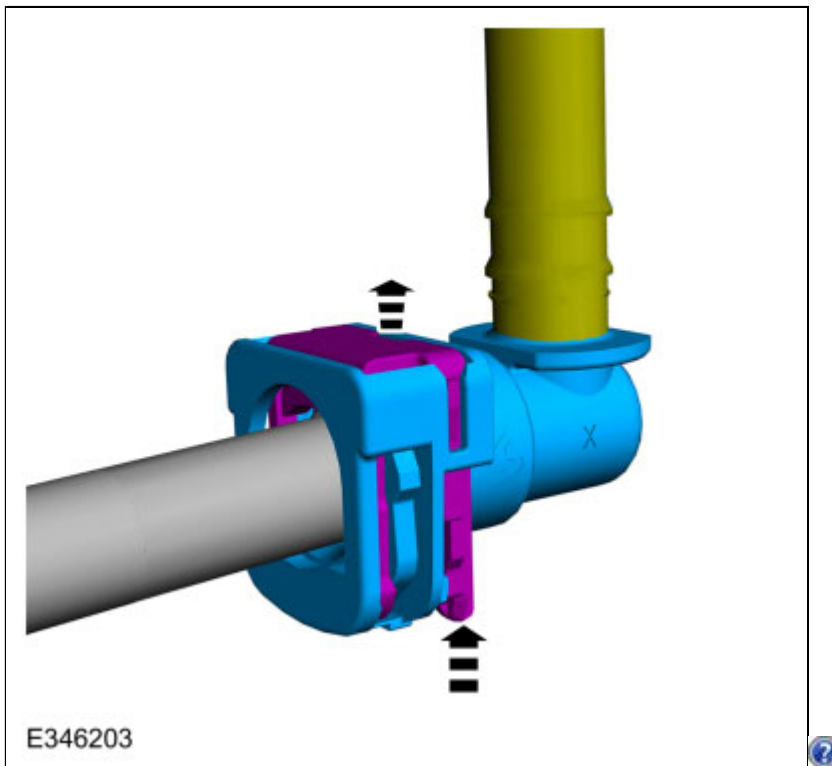
**NOTICE:** When reusing liquid or vapor tube connections, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. It is essential that absolute cleanliness is observed when working with these components or component damage may occur. Always install blanking plugs to any open orifices or tubes.

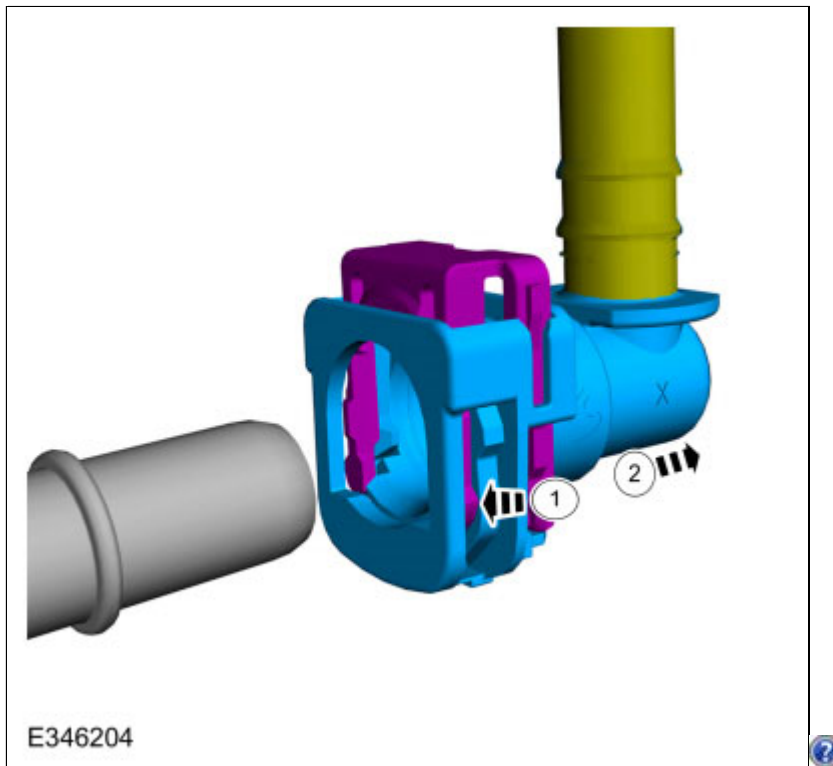
**NOTICE: Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.**

**NOTE: Type 27**

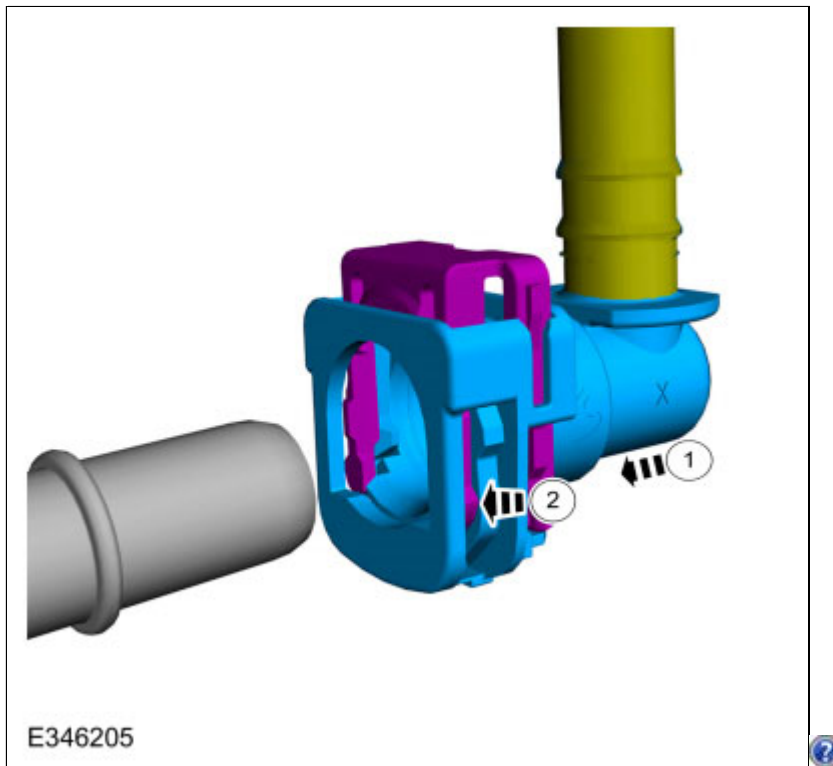
1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.  
Refer to: [Fuel System Pressure Release](#) (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L EcoBoost (272kW/370PS)) .
- 3.



4. Remove the quick release coupling from the tube.

**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.



2. Connect the battery ground cable.  
Refer to: Battery Cables - 2.7L EcoBoost (238kW/324PS) (414-01 Battery, Mounting and Cables - 3.5L EcoBoost (272kW/370PS)) .

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