

Quick Release Coupling

Disconnect

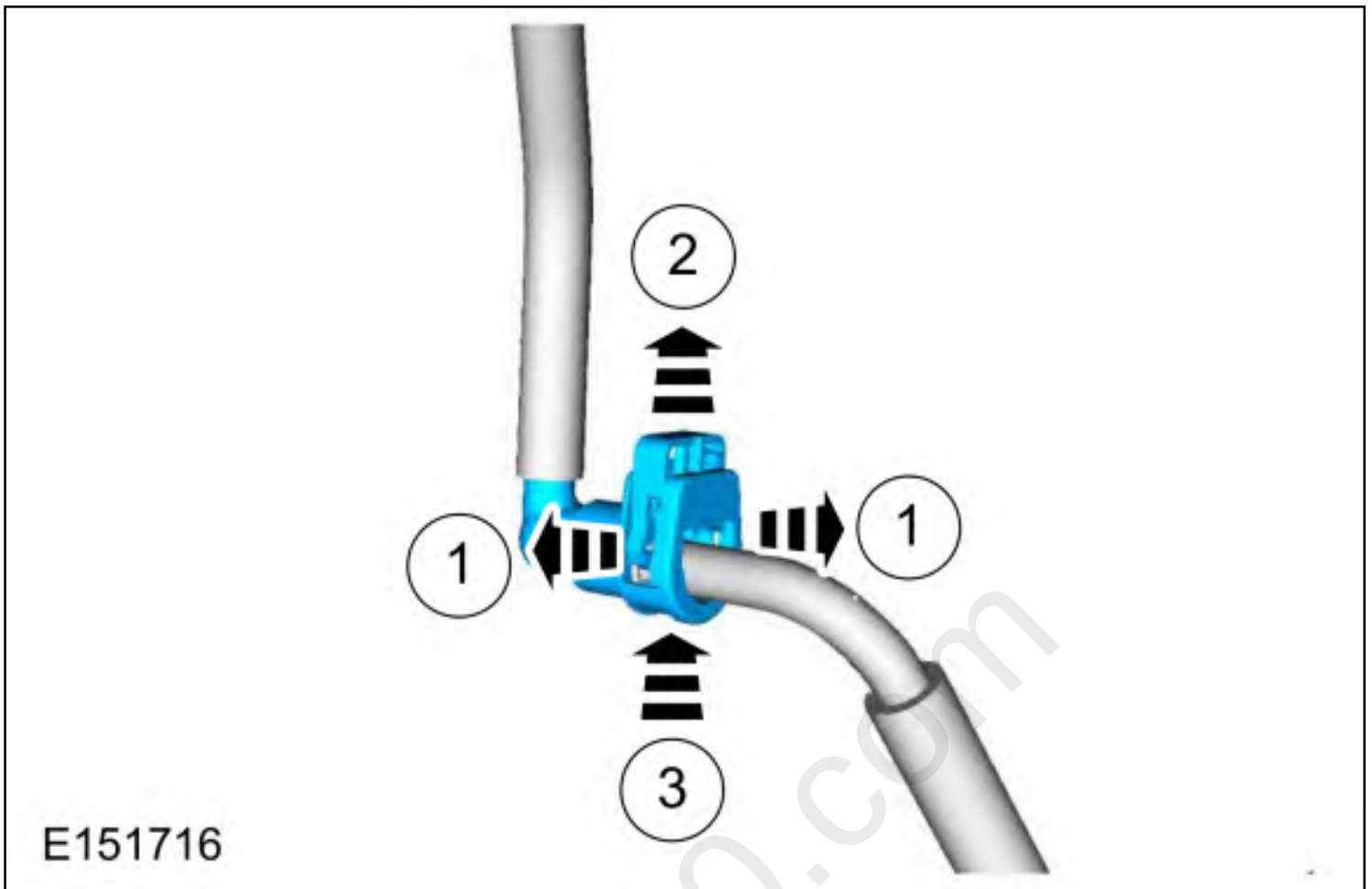
NOTICE: When reusing liquid or vapor tube connections, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip may occur.

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.

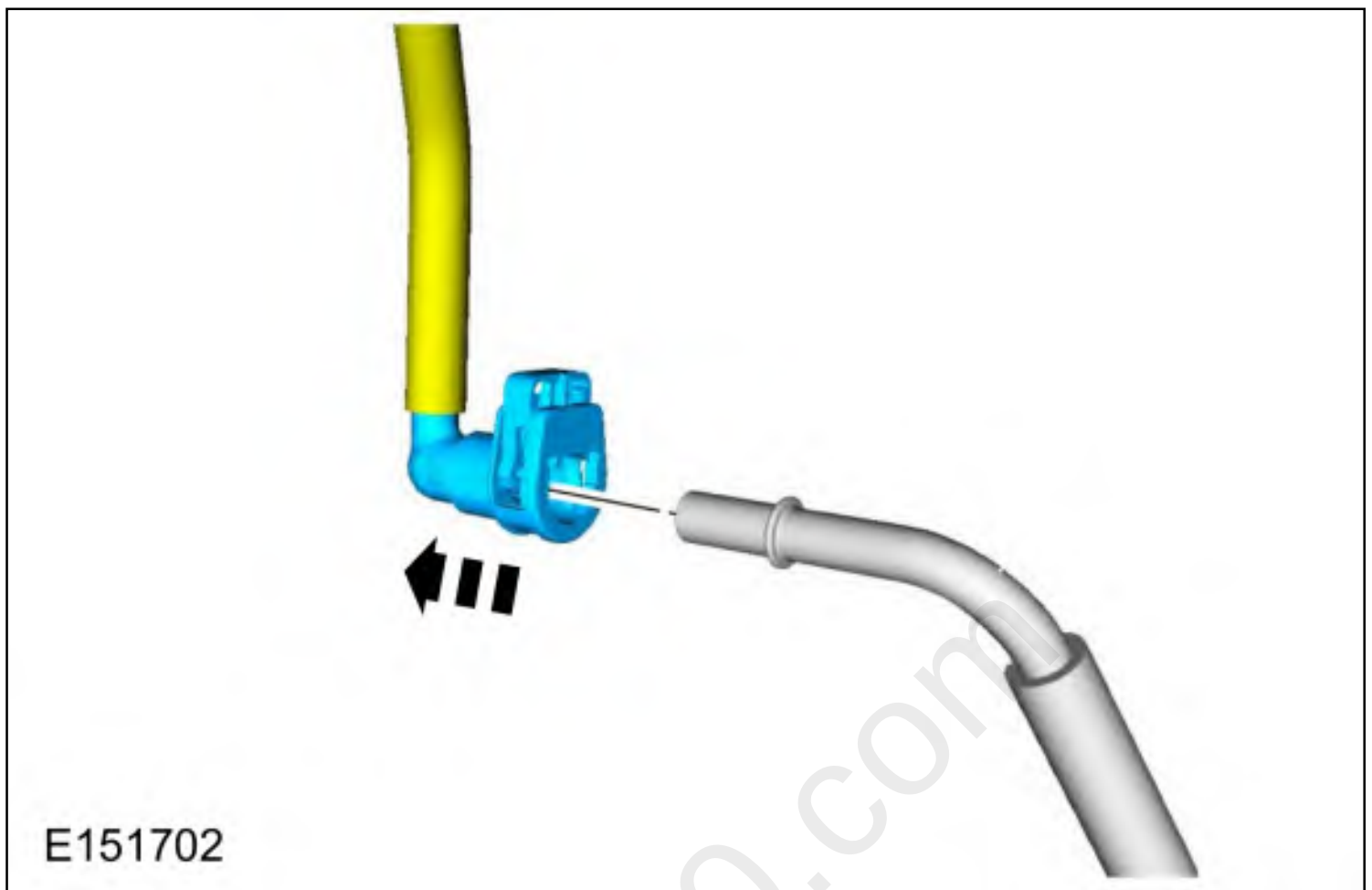
NOTICE: Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.

NOTE: *Type 1*

1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.
Refer to: [Fuel System Pressure Release](#) (310-00D 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.

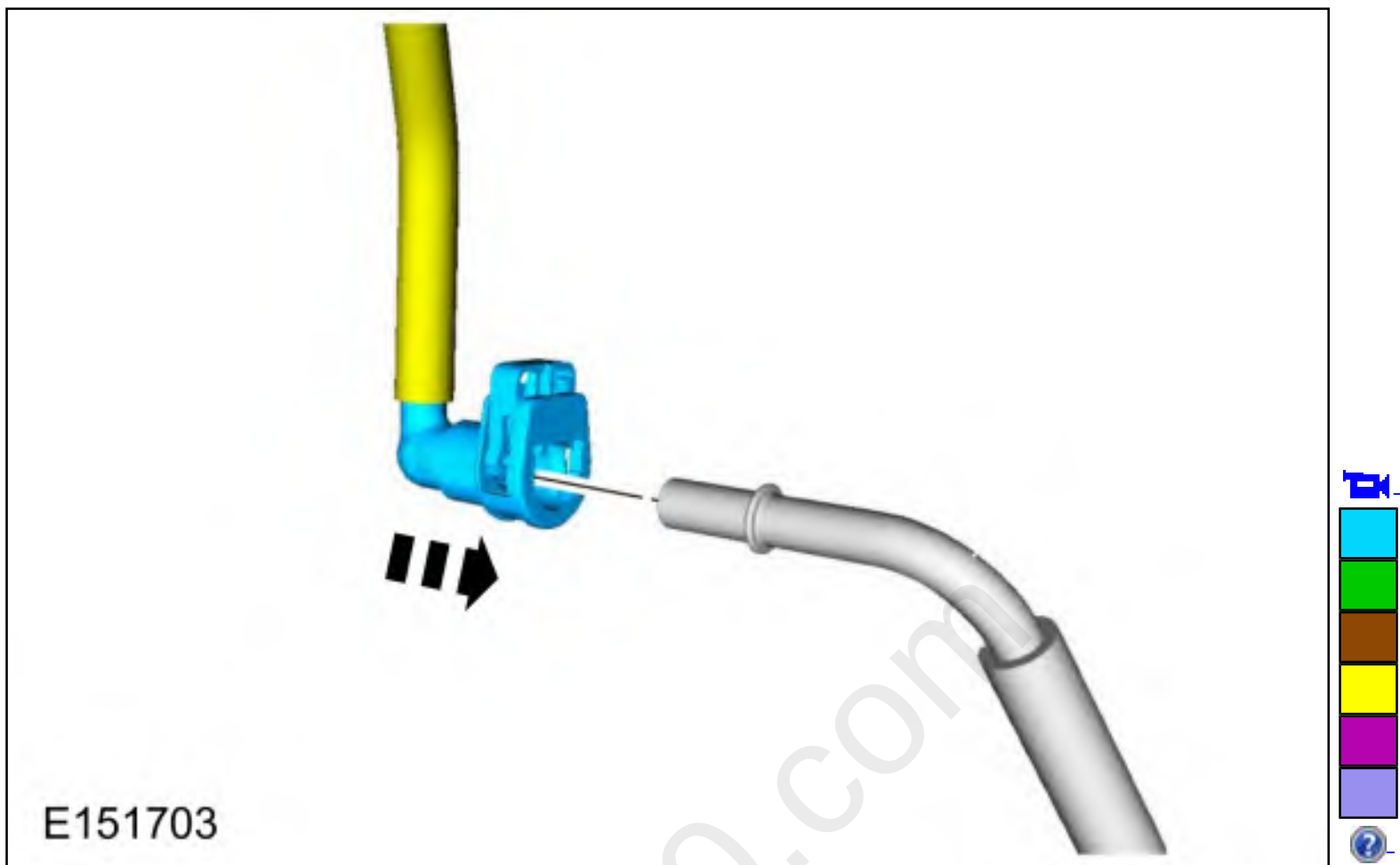


4.



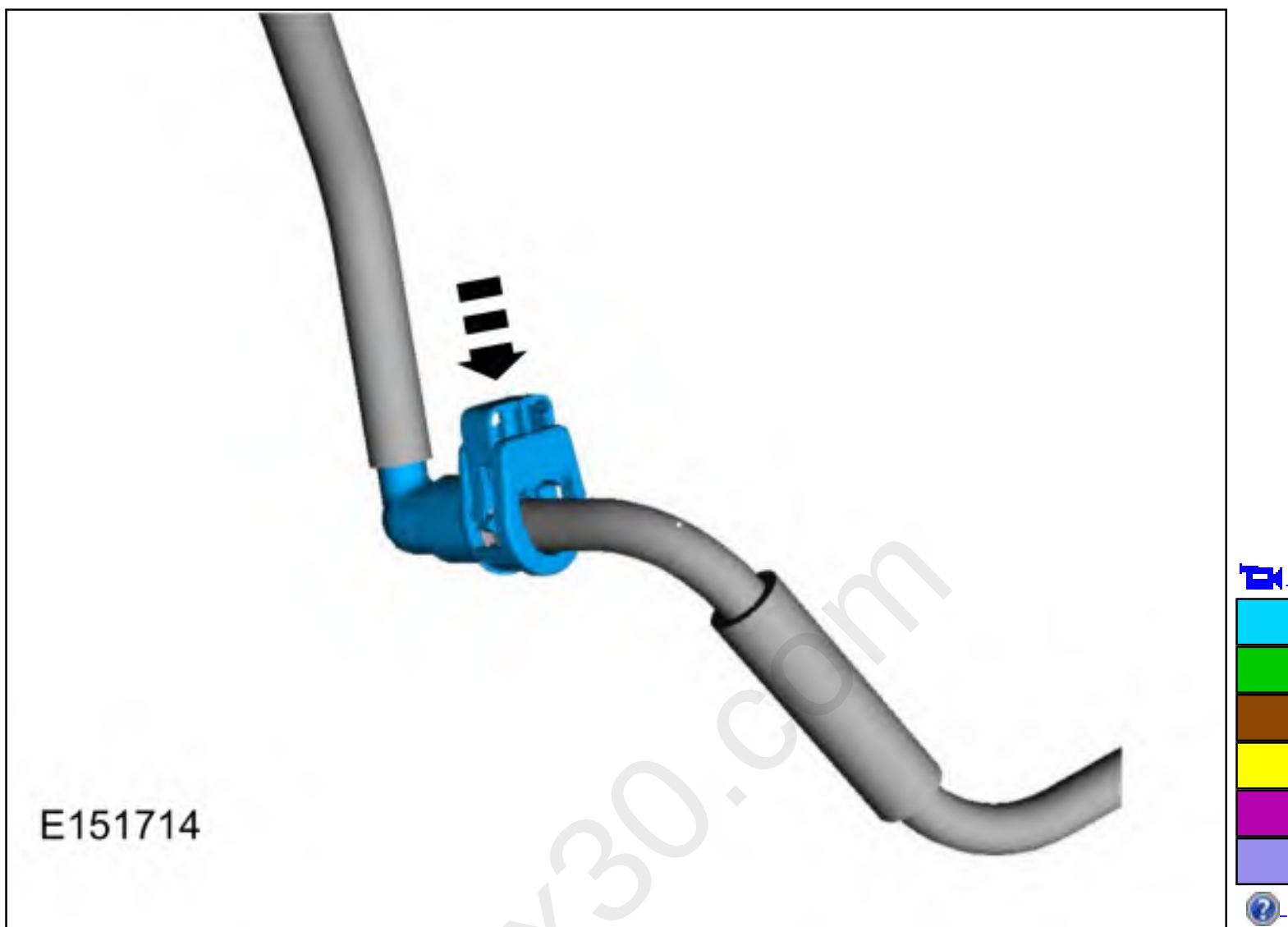
Connect

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 connect coupling body until flush and the tabs are locked in place.



3. Connect the battery ground cable.

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

Disconnect

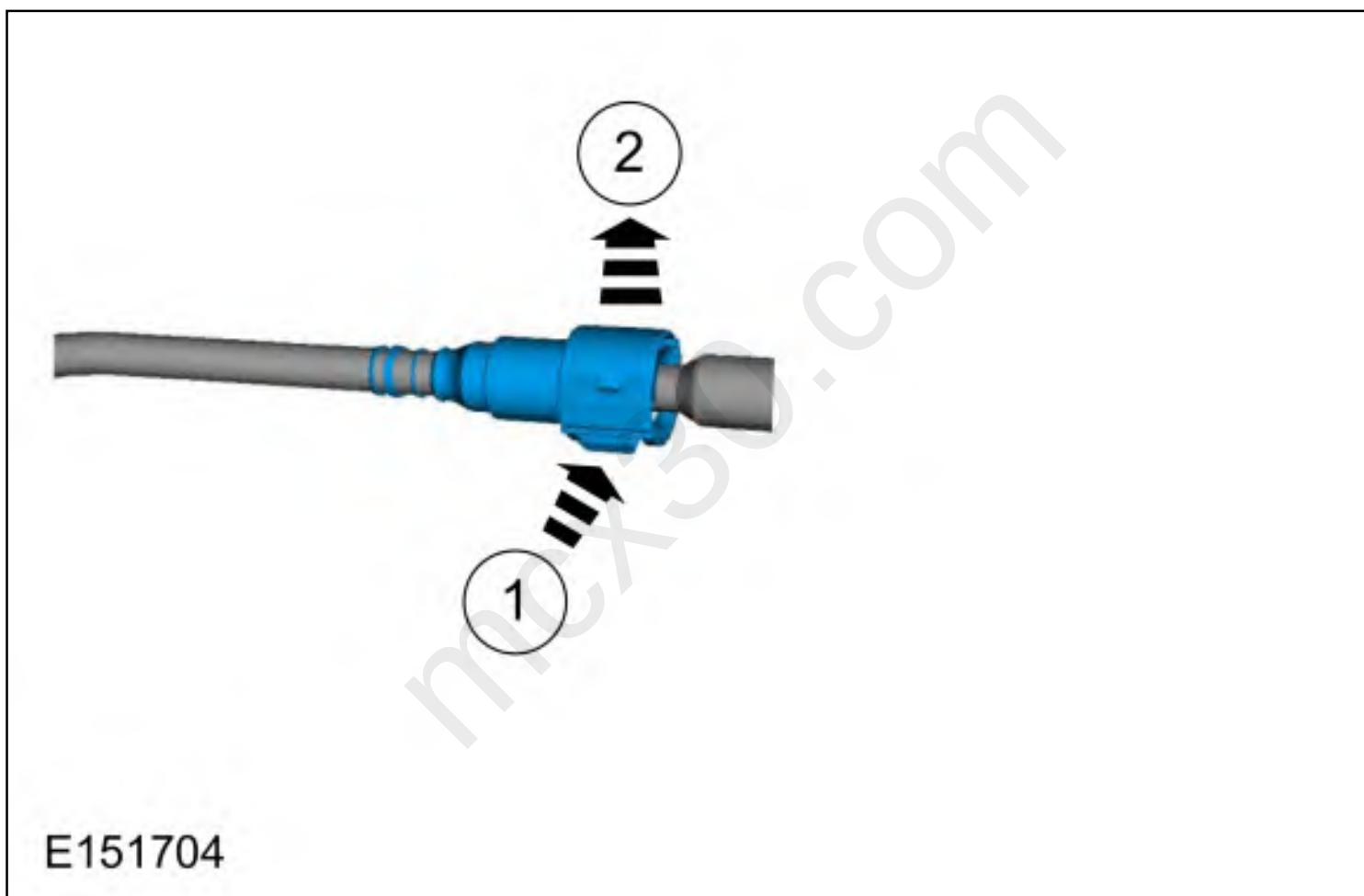
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NOTE: Type 2

1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.
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2. Disconnect the battery ground cable.
Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
- 3.



- 4.

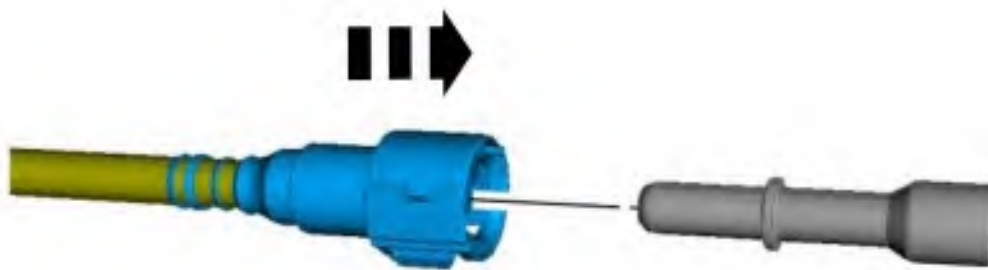


E151705



Connect

1.



E151706



2.



E151715



3. Connect the battery ground cable.

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

Disconnect

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NOTE: *Type 3*

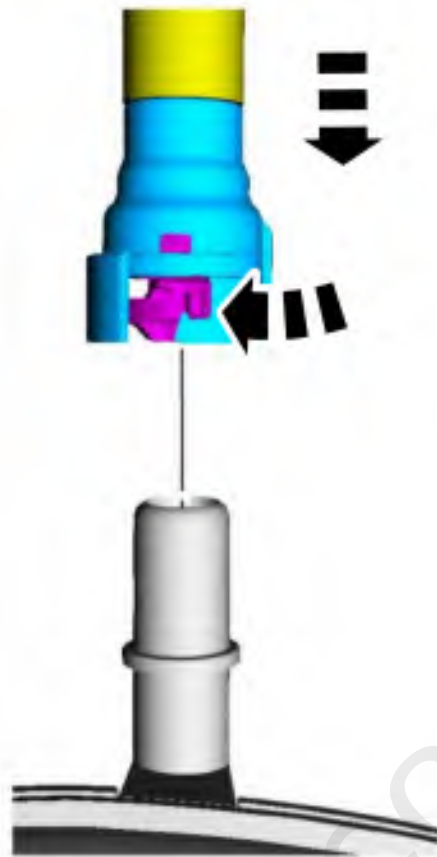
1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.
Refer to: [Fuel System Pressure Release](#) (310-00D Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).
2. Disconnect the battery ground cable.
Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
- 3.



Connect

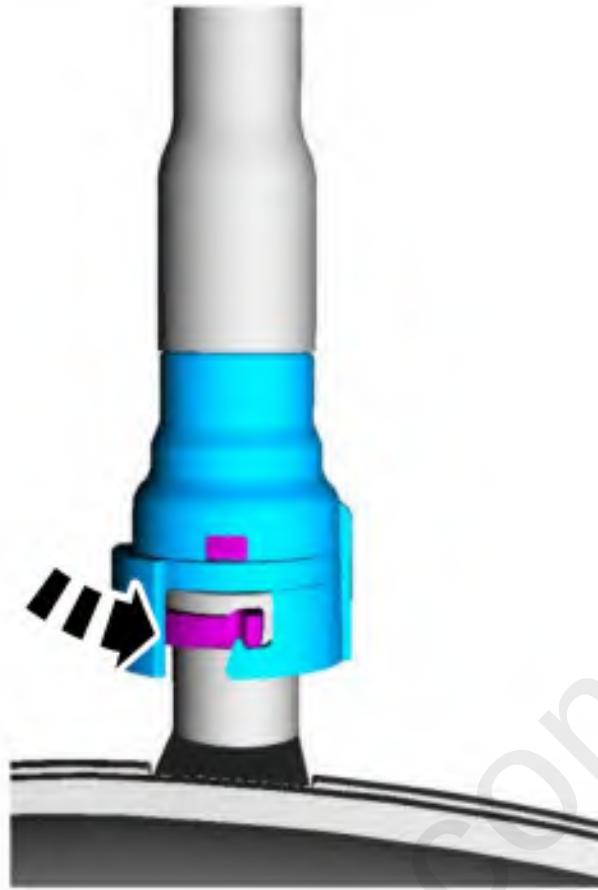
- 1.

E151710



2.

E151708



3. Connect the battery ground cable.

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

Disconnect

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NOTE: Type 4

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

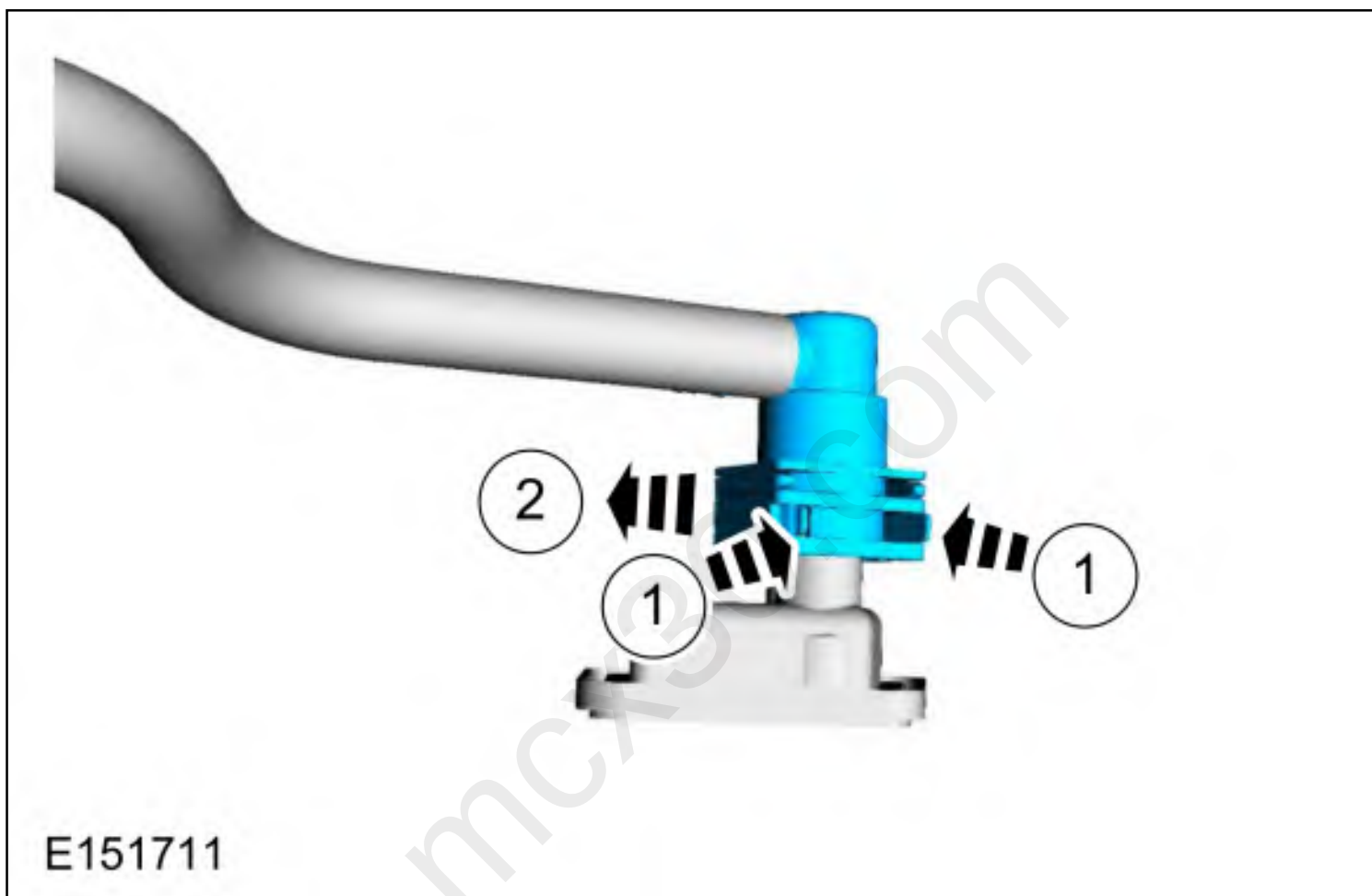
Refer to: [Fuel System Pressure Release](#) (310-00D Fuel System - General Information - 5.0L 32V Ti-

VCT, General Procedures).

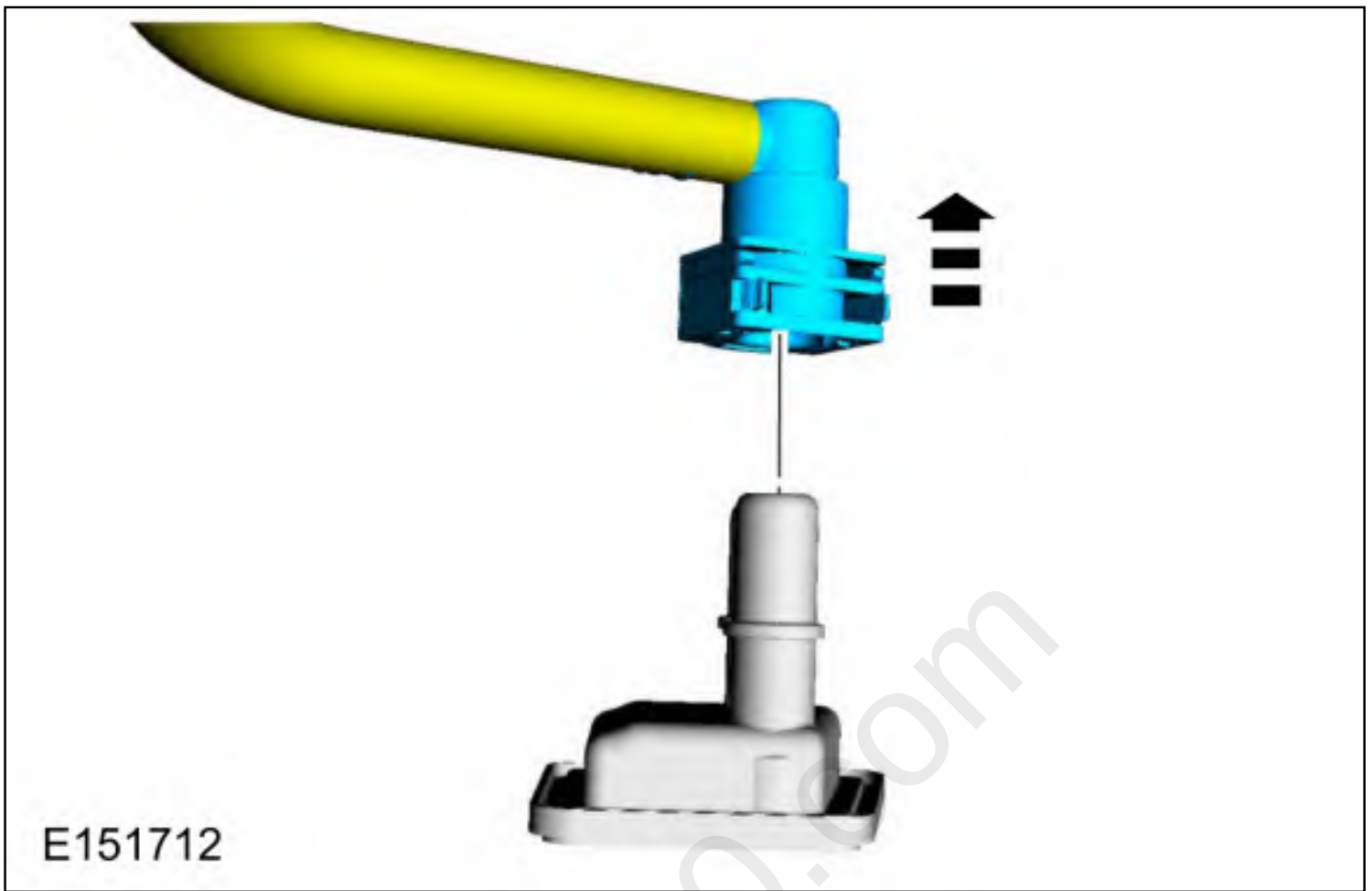
2. Disconnect the battery ground cable.

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

- 3.

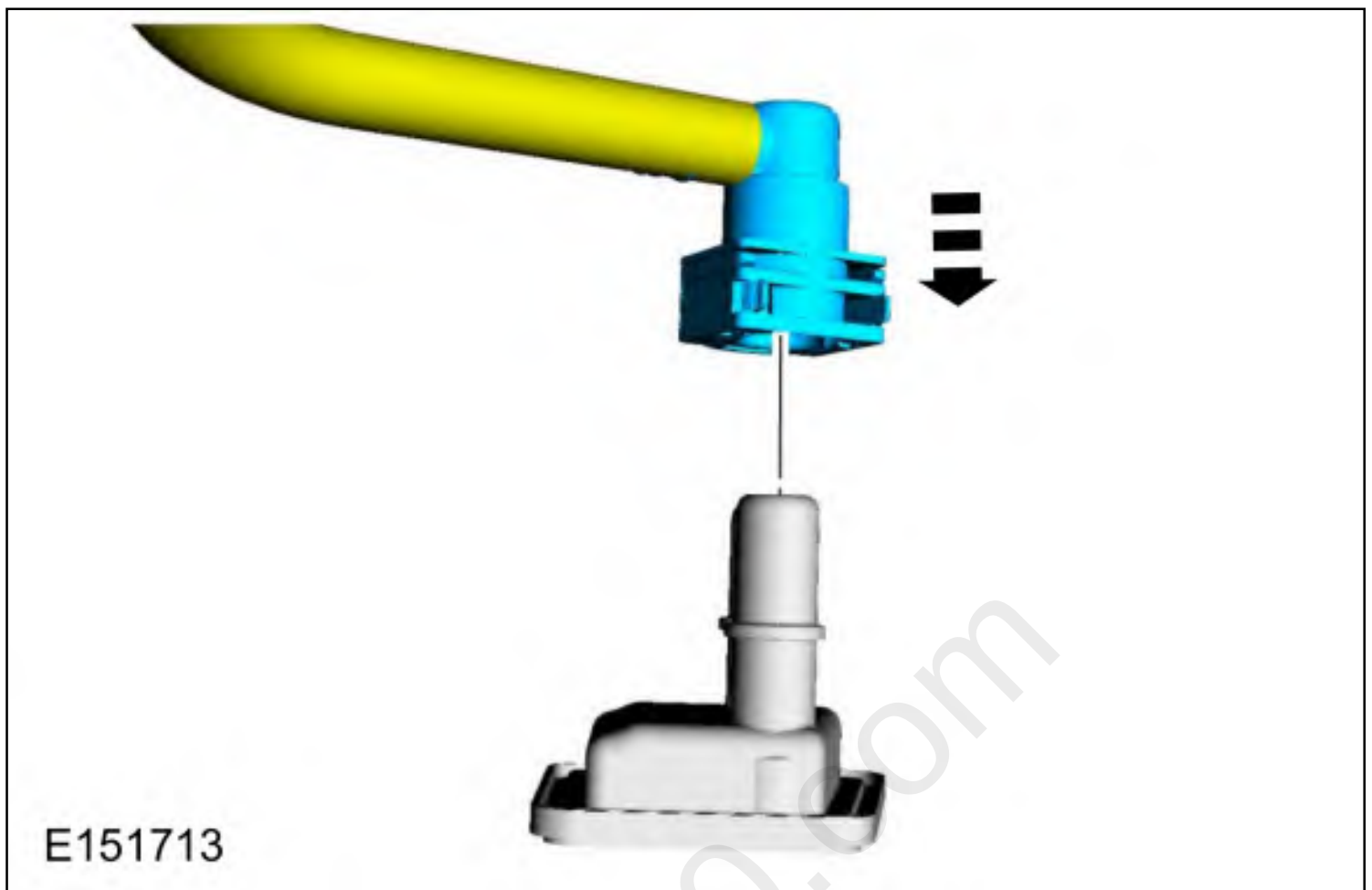


- 4.



Connect

1.



2. Connect the battery ground cable.

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

Disconnect

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NOTE: *Type 5*

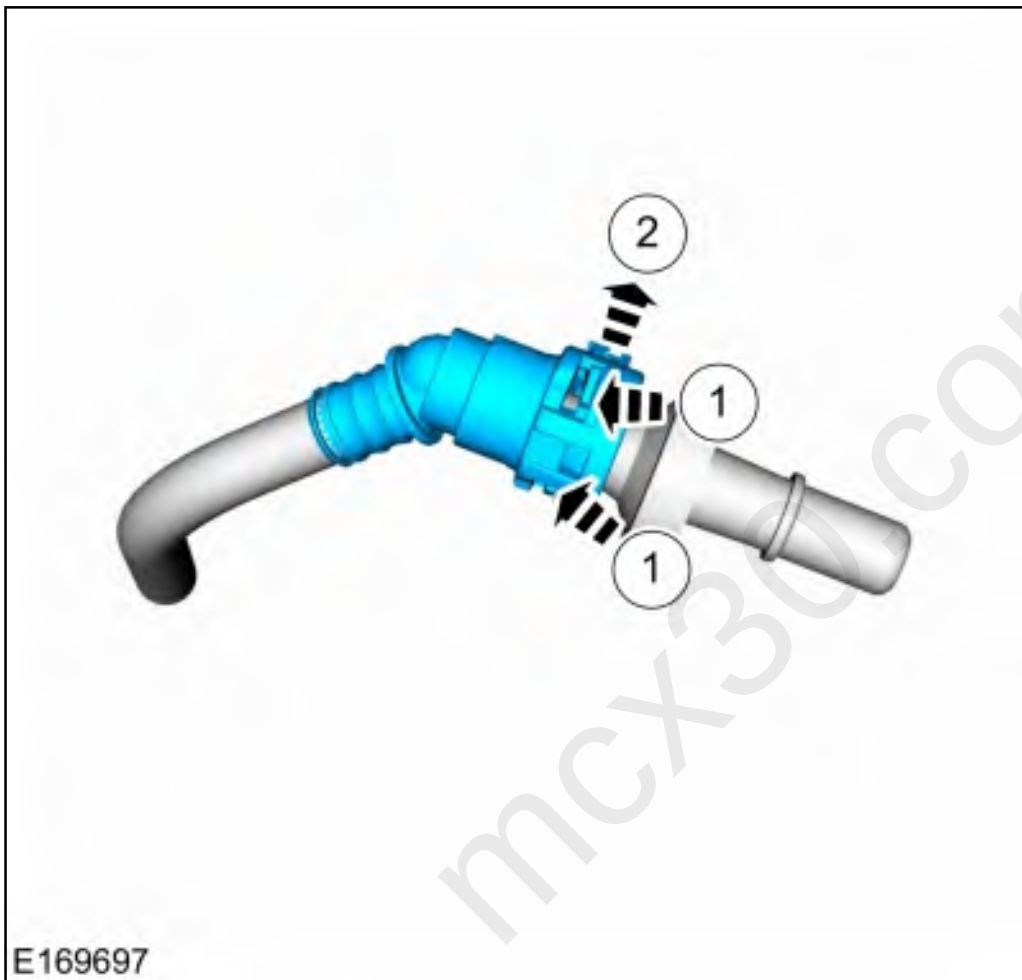
1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.

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

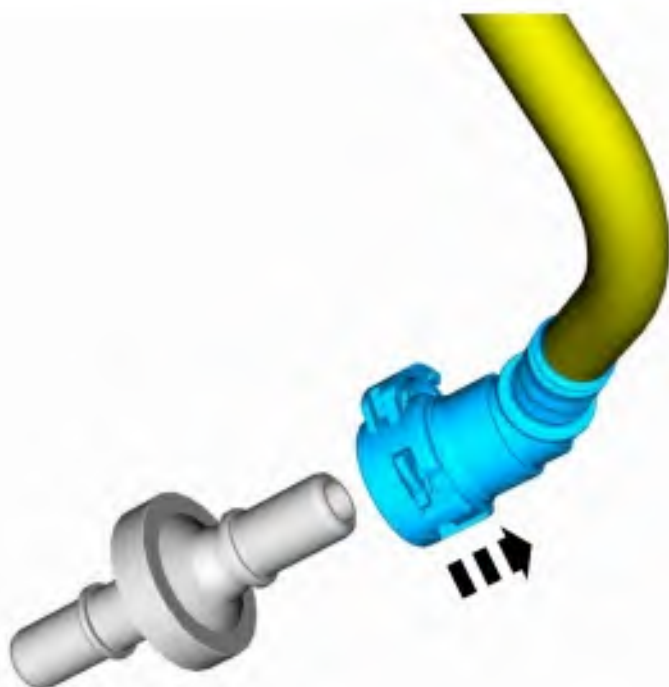
2. Disconnect the battery ground cable.

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

- 3.



- 4.

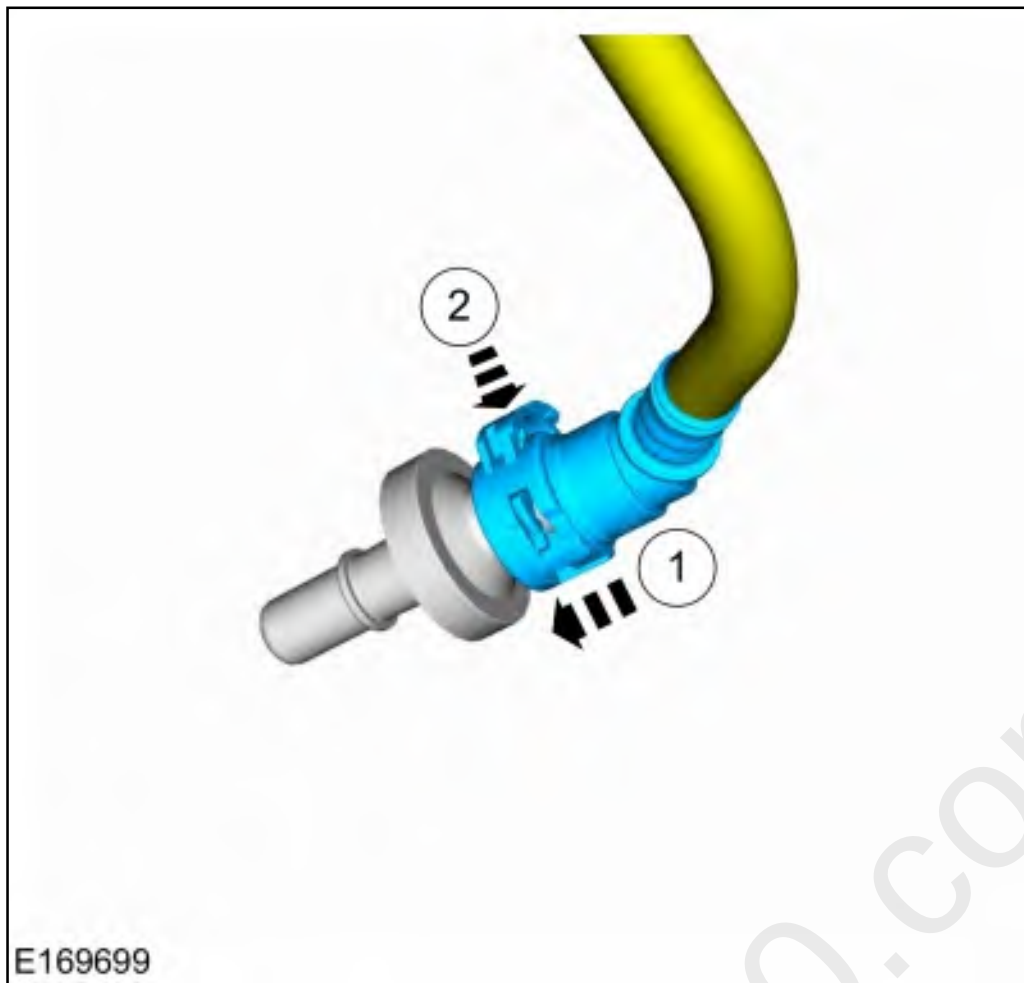


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Connect

1.



2. Connect the battery ground cable.

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

Disconnect

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NOTE: Type 6

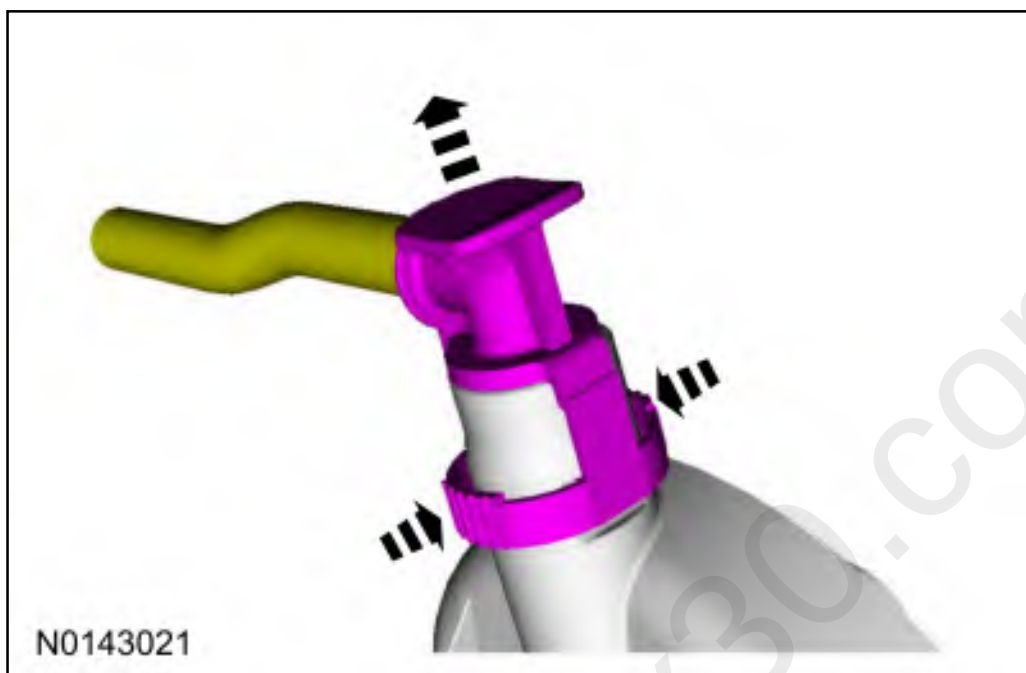
1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.

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

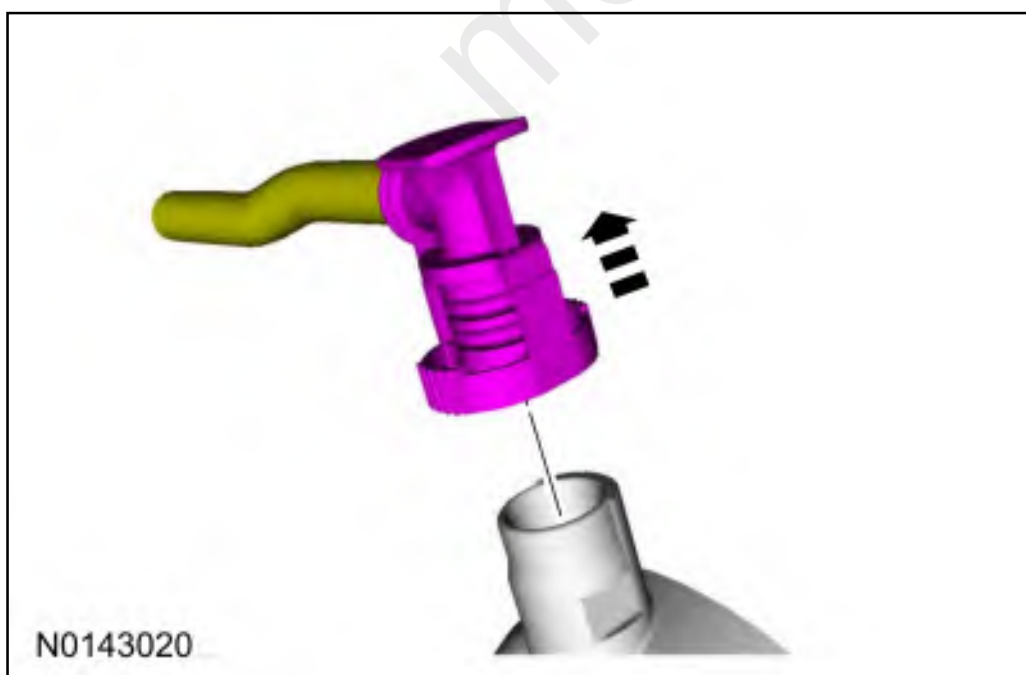
2. Disconnect the battery ground cable.

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

3. Press the tabs of the rear retainer clip and pull it to the outward position.

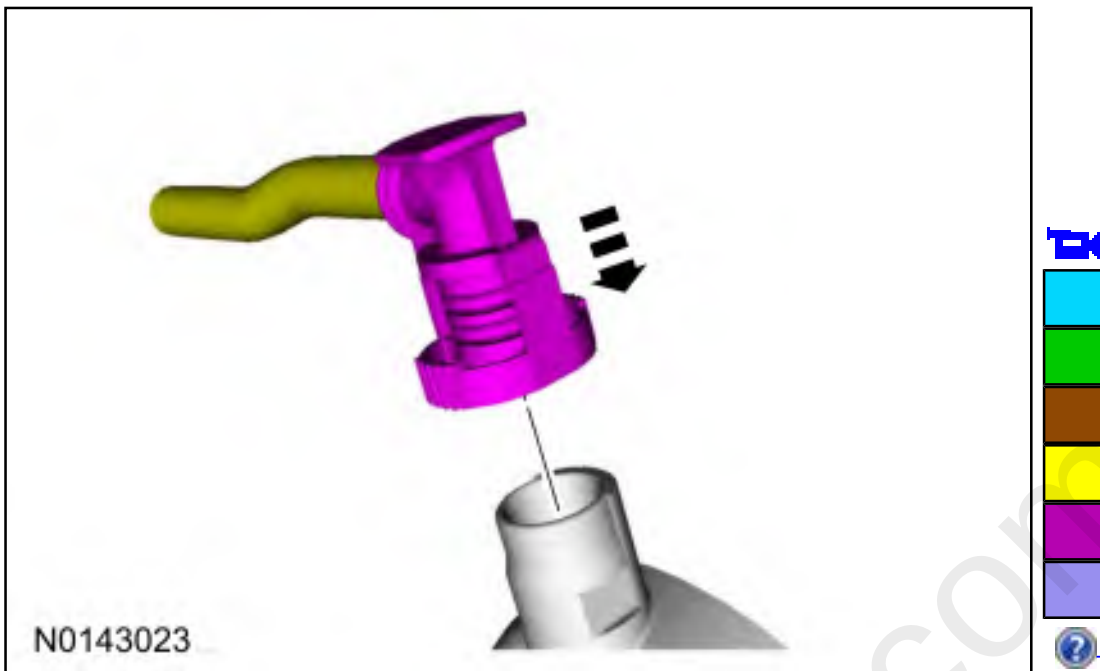


- 4.



Connect

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



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

Disconnect

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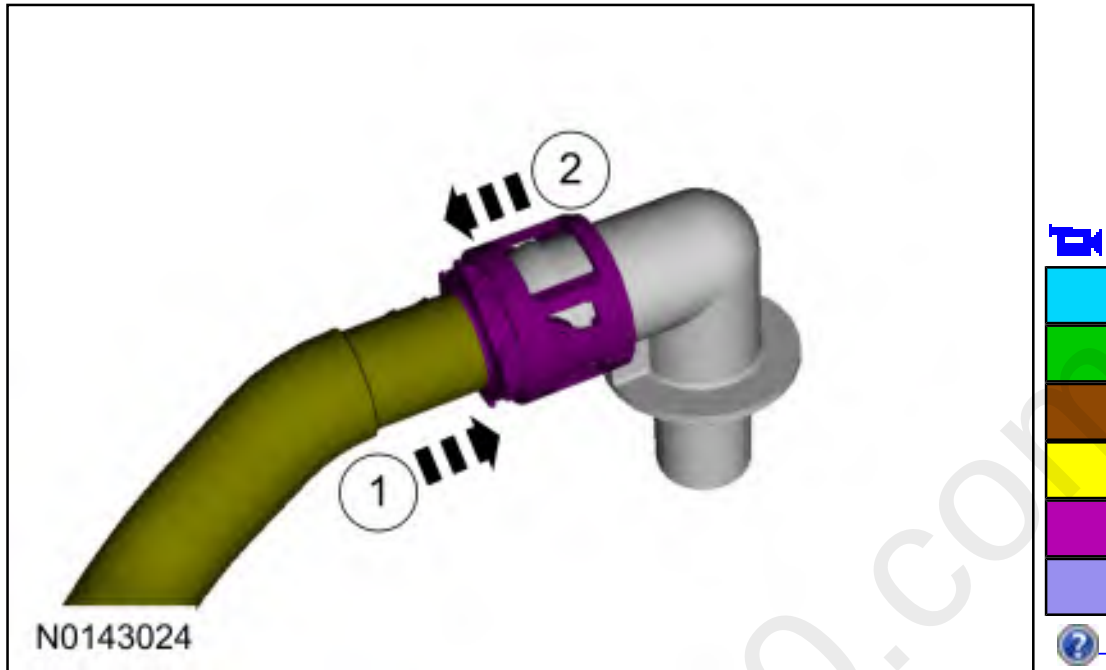
NOTE: *Type 7*

1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.
Refer to: [Fuel System Pressure Release](#) (310-00D Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

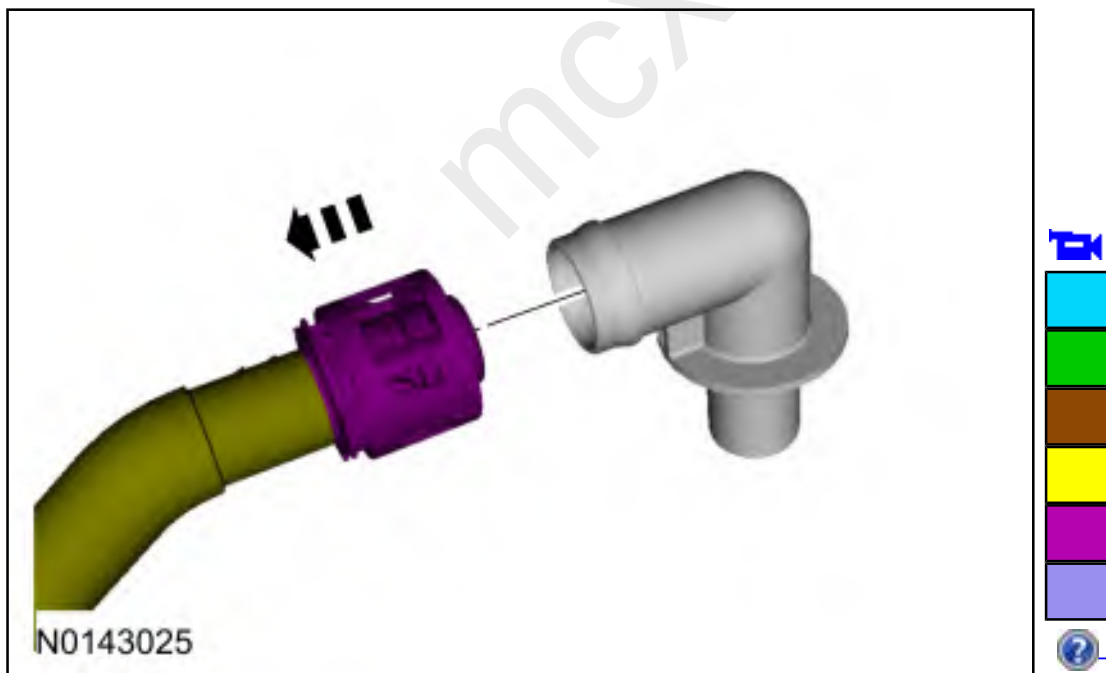
2. Disconnect the battery ground cable.

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

- 3.

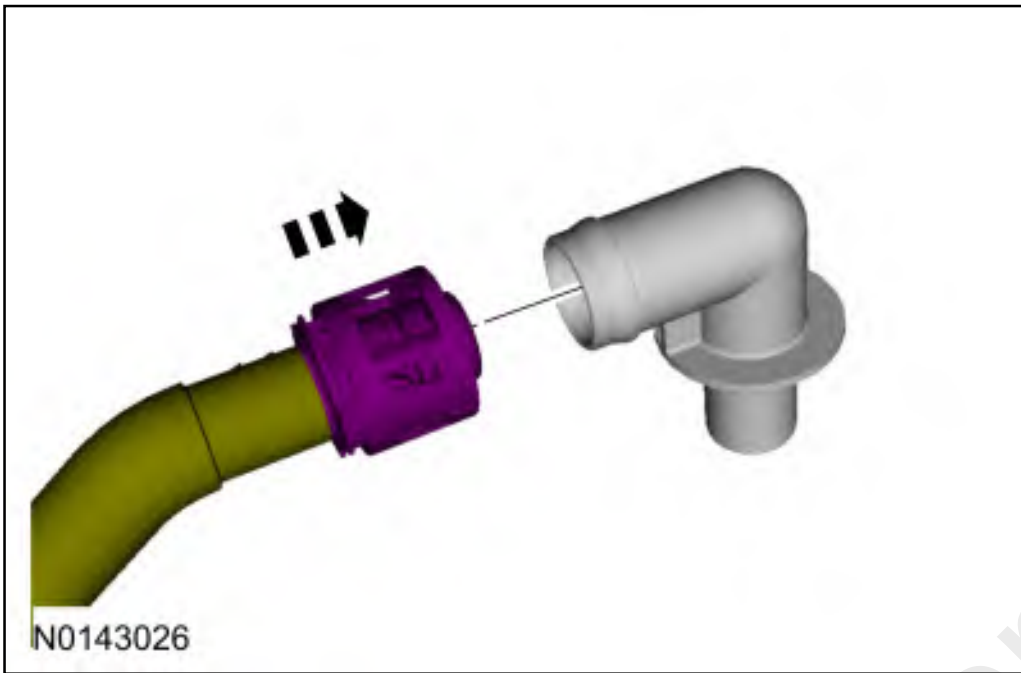


- 4.



Connect

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



2. Connect the battery ground cable.

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

Disconnect

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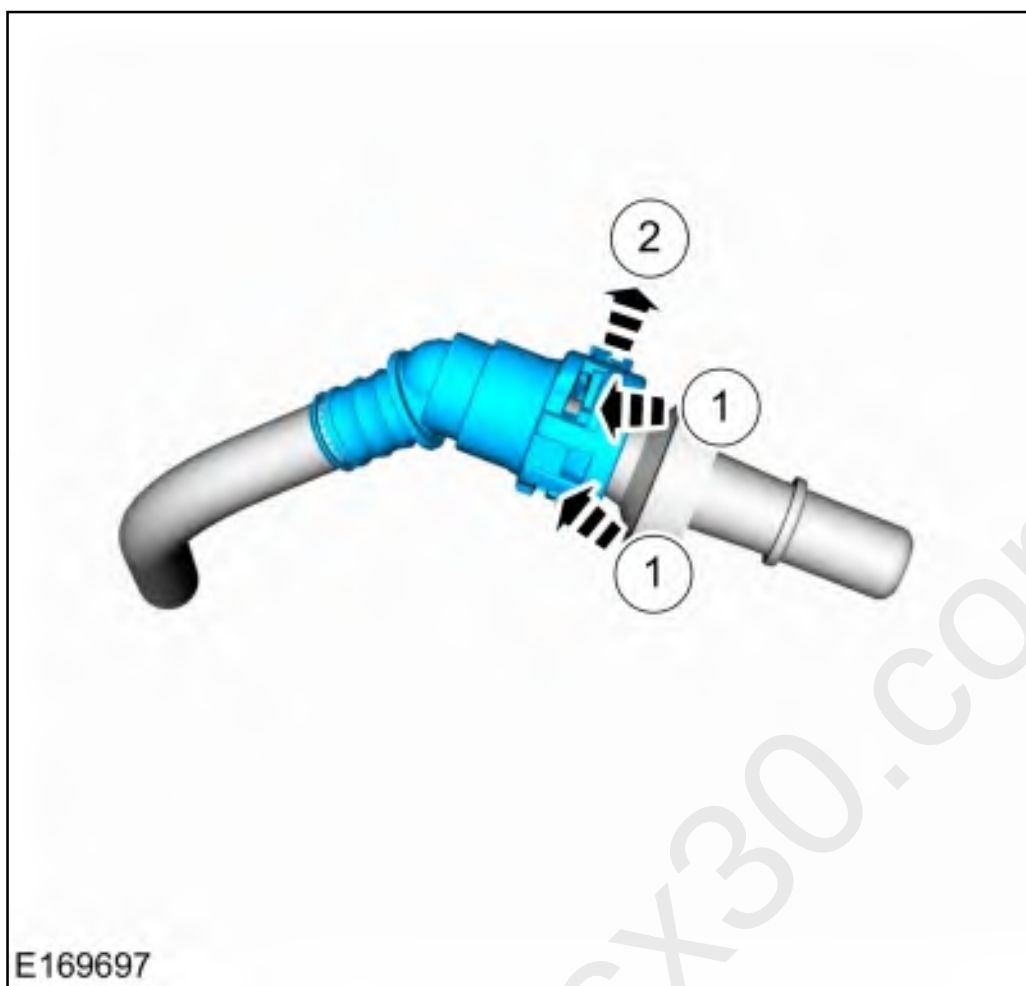
NOTICE: Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.

NOTE: Type 8

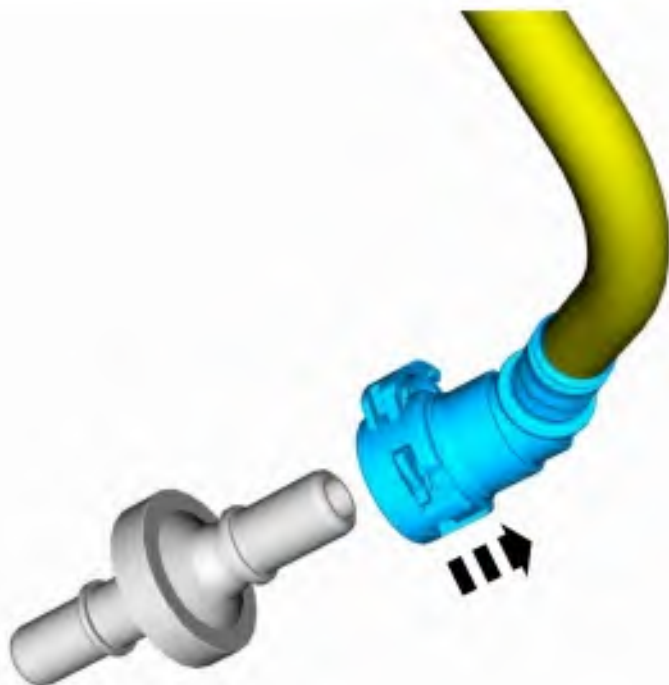
1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.
Refer to: [Fuel System Pressure Release](#) (310-00D Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).
2. Disconnect the battery ground cable.
Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General

Procedures).

3.



4.

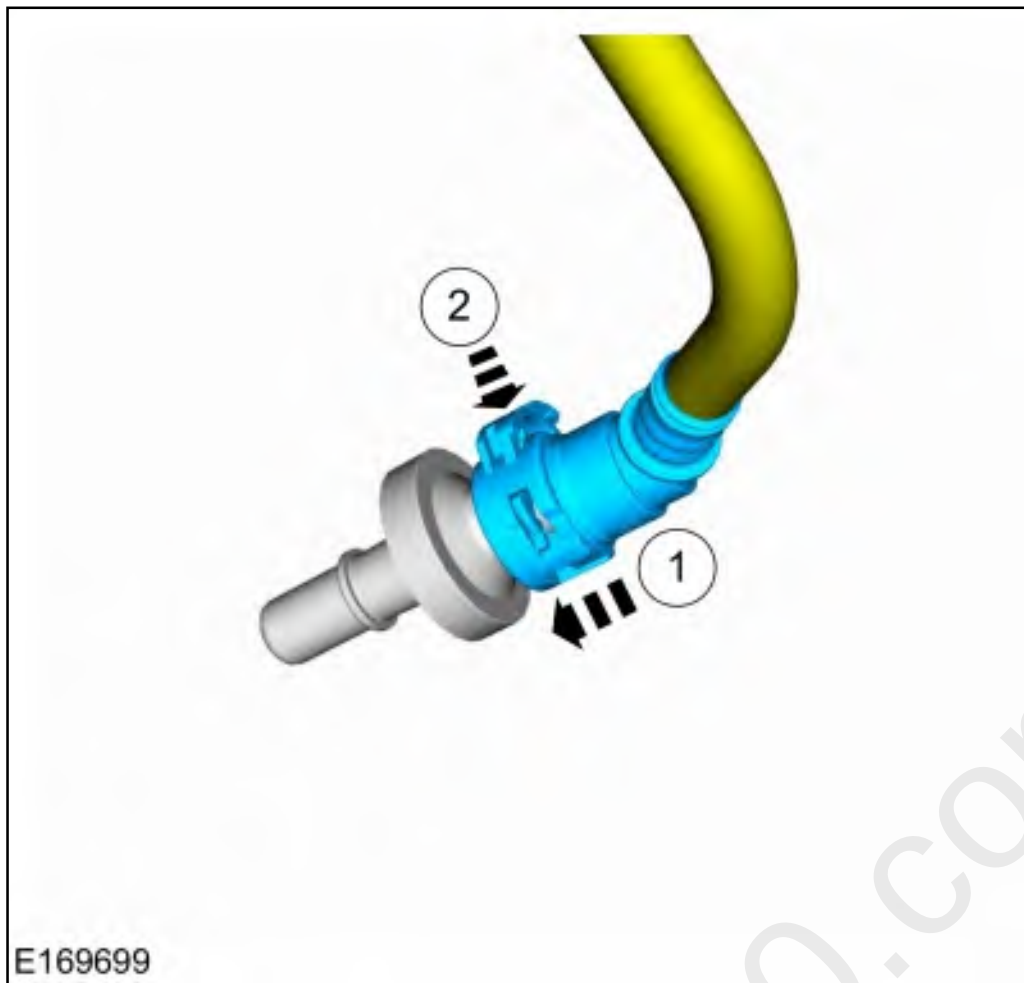


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Connect

1.



2. Connect the battery ground cable.

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

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NOTE: *Type 9*

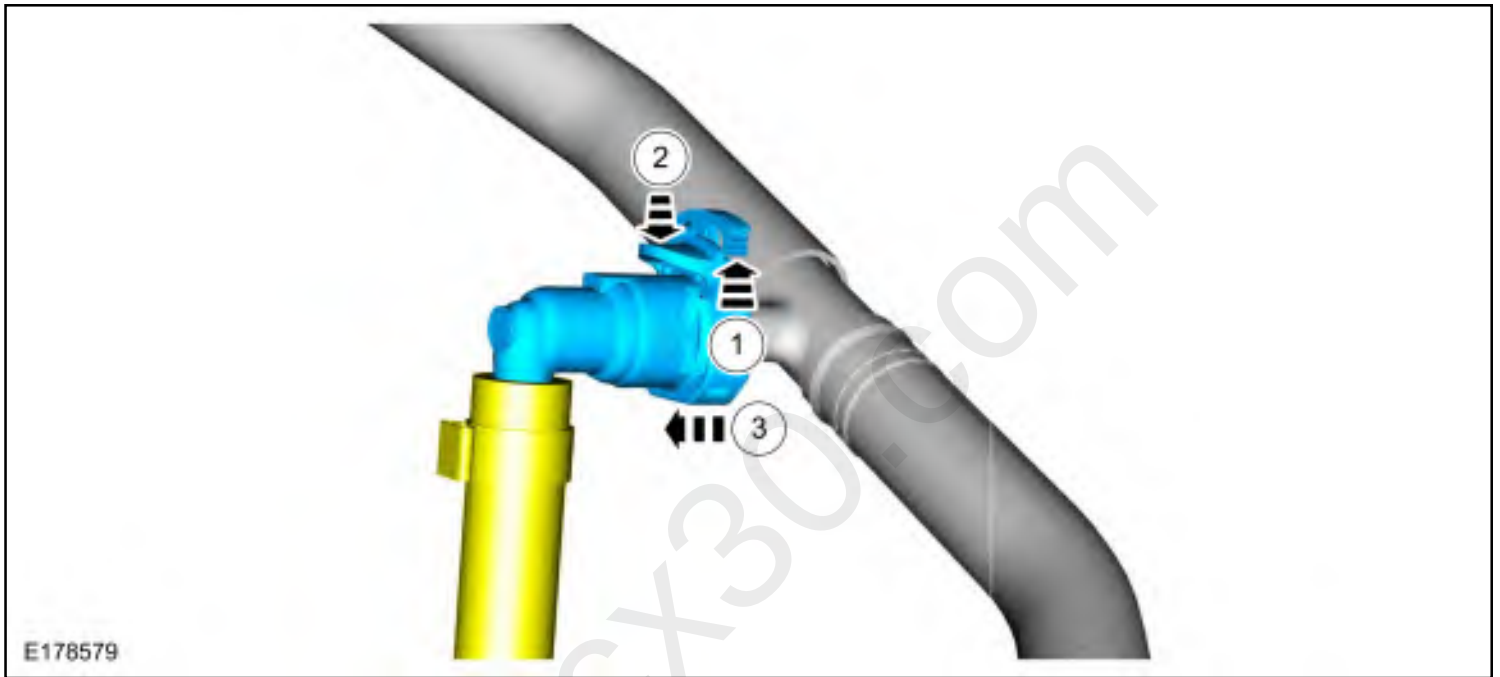
1. If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure.

Refer to: [Fuel System Pressure Release](#) (310-00D 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).

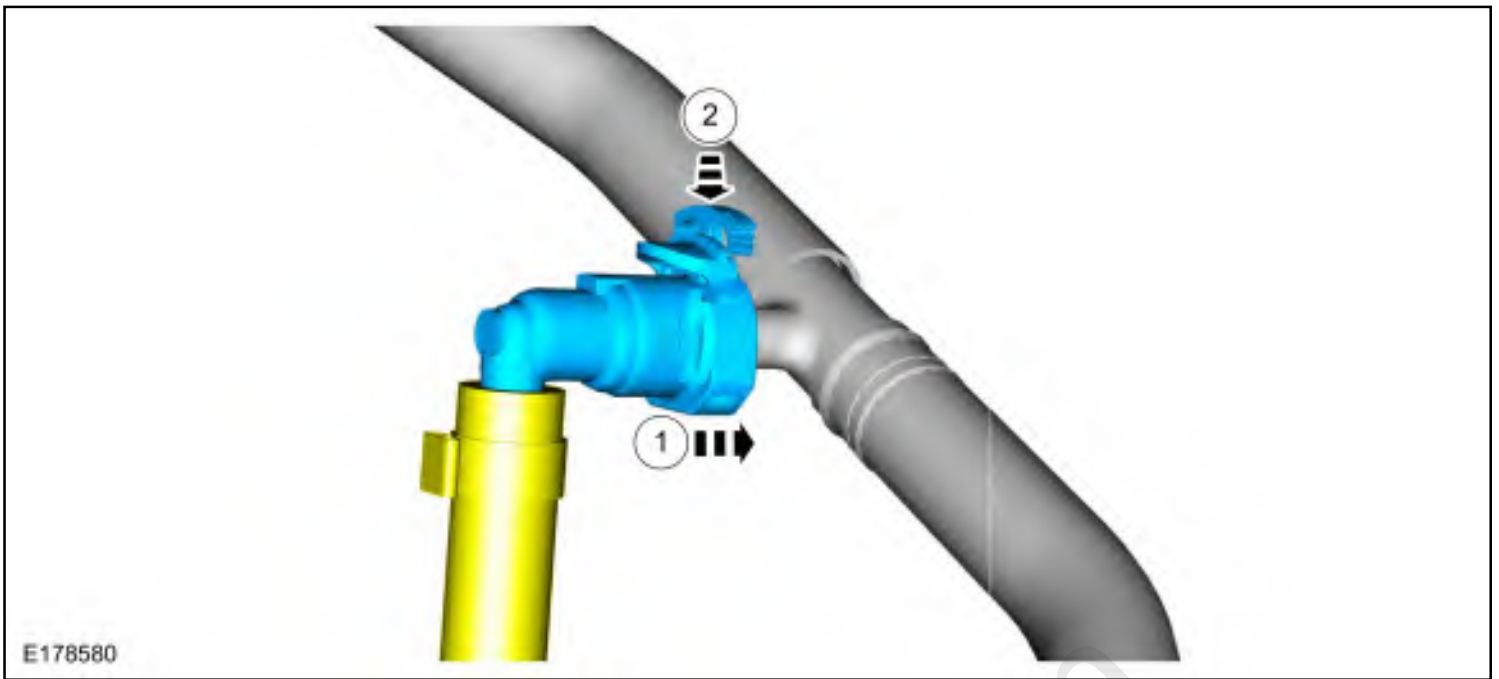
1. Release the secondary locking tab.
2. Depress the primary locking tab.
3. Separate the quick release coupling from the tube.



Connect

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

Disconnect

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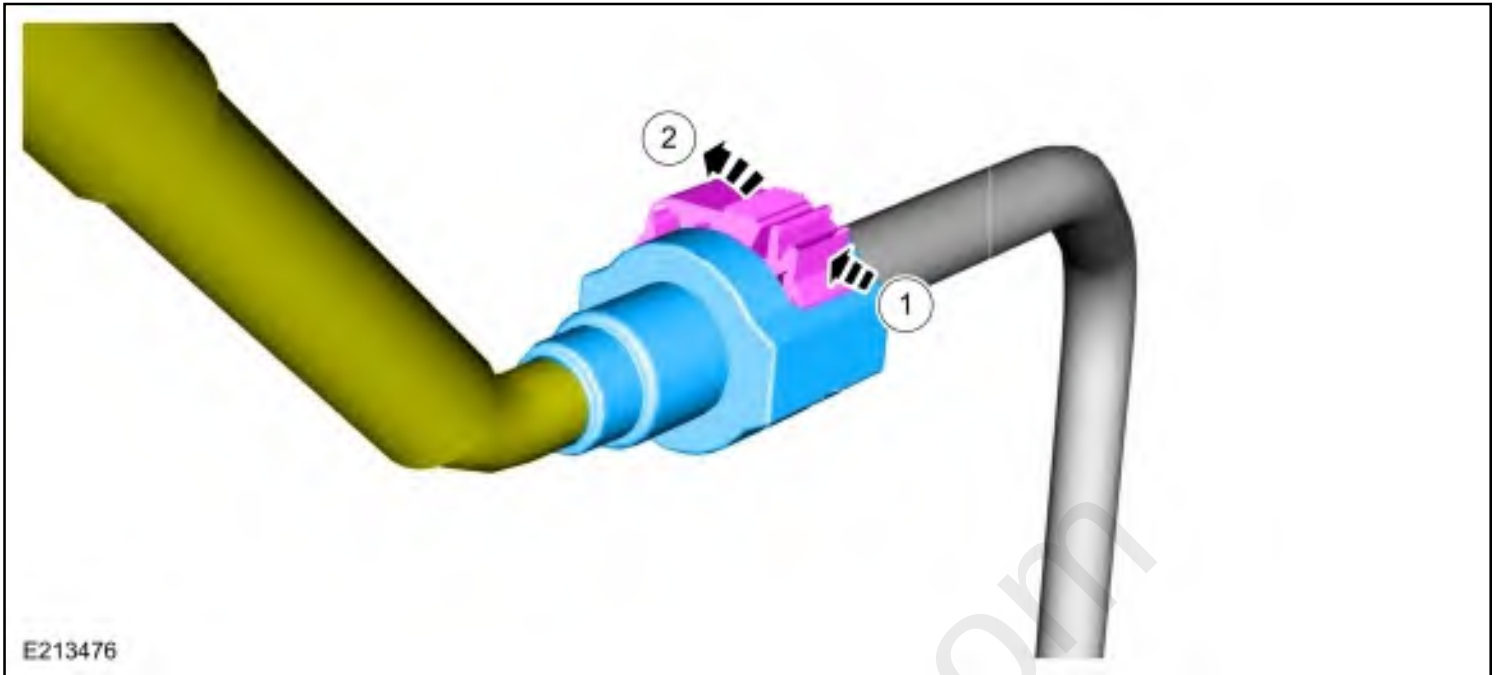
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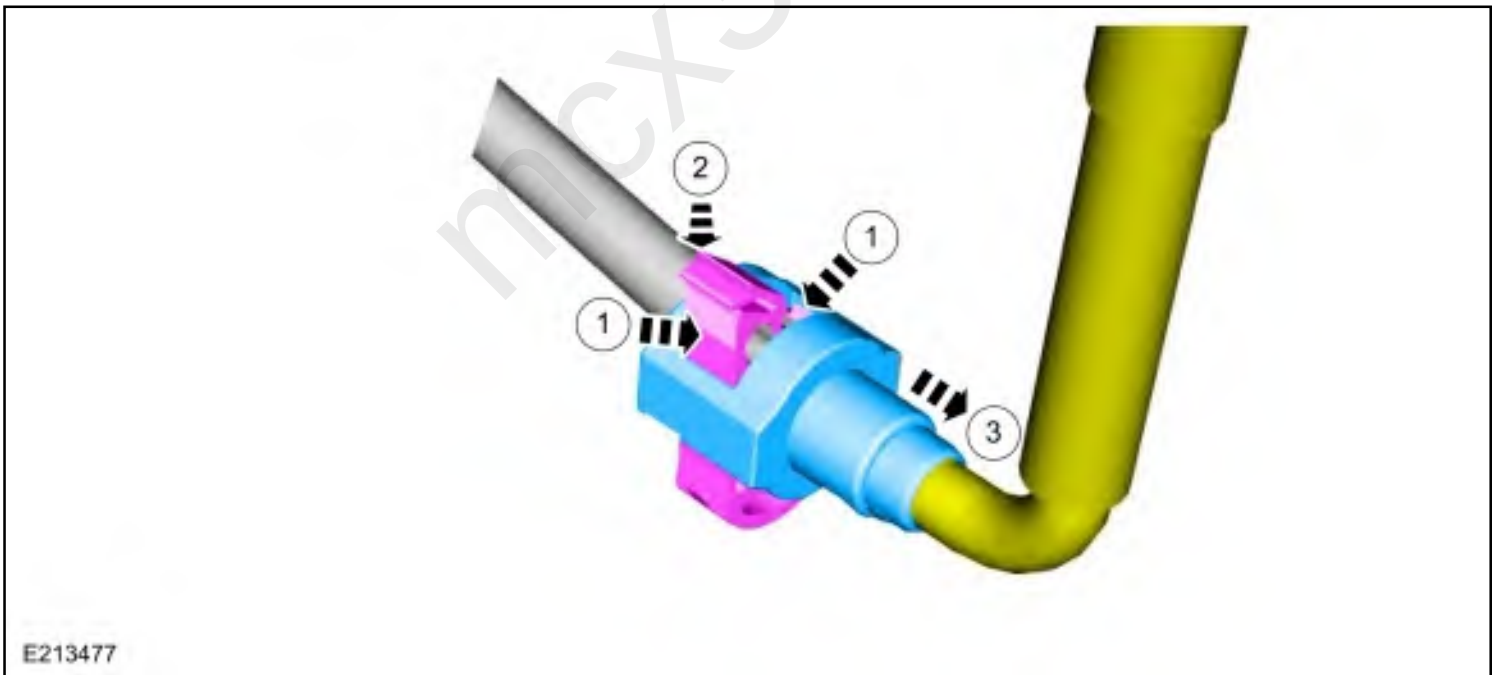
NOTE: Type 10

1. If servicing a liquid fuel tube quick release coupling, release the fuel system pressure.
Refer to: [Fuel System Pressure Release](#) (310-00D 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).

1. Push on the locking tab.
2. Lift the clip.



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

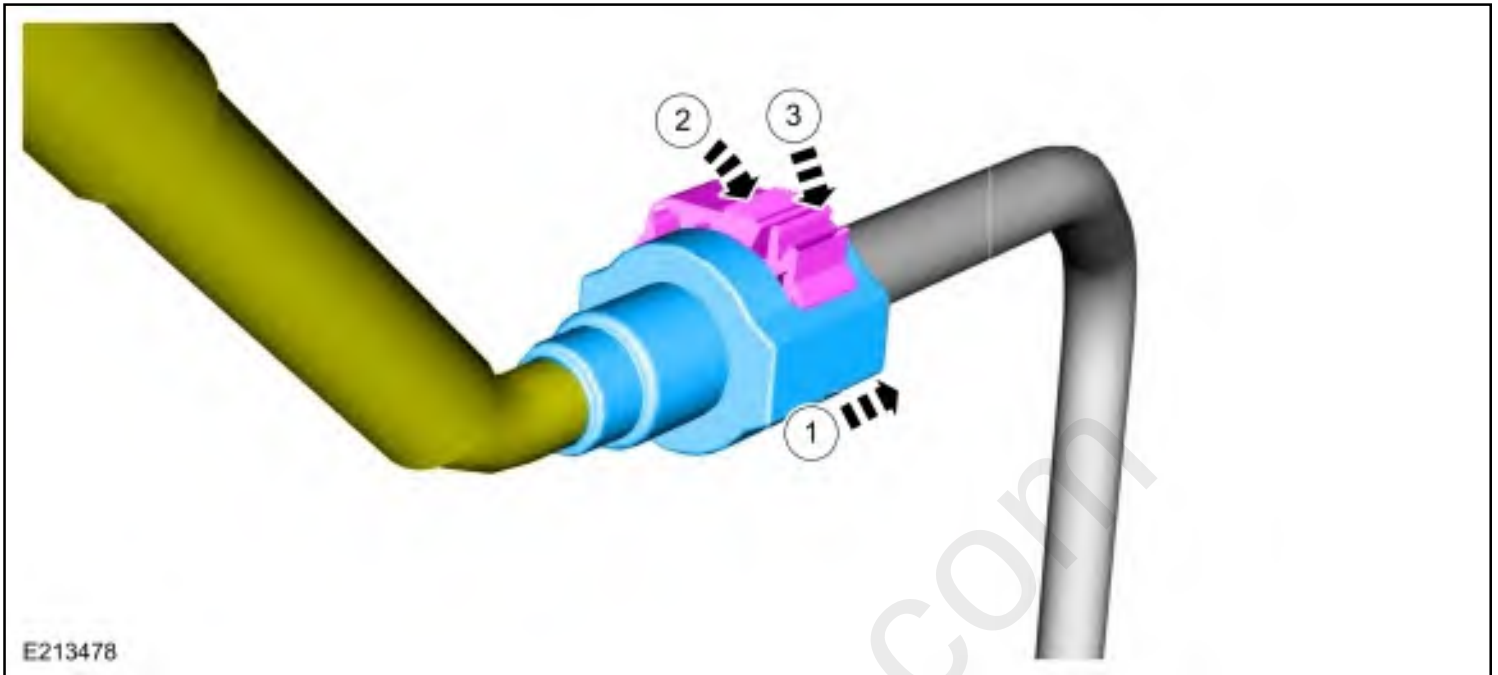


Connect

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