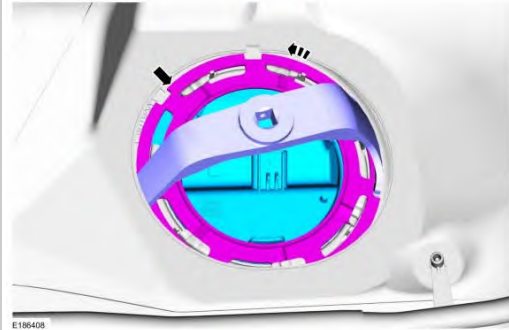


 **NOTE:** Carefully install the Fuel Tank Sender Unit lock ring wrench to avoid damage to the fuel level sensor when removing the lock ring.

13.

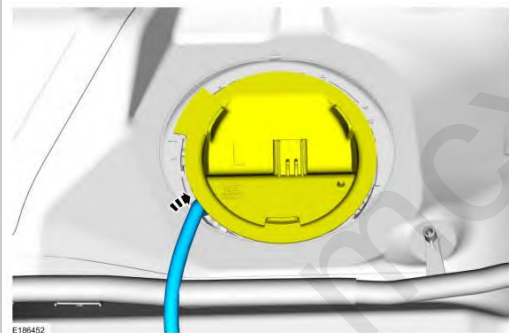
Using the lock ring wrench remove the fuel level sensor lock ring.



 **NOTE:** The fuel level sensor must be handled carefully to avoid damage to the float arm.

14.

Position the fuel level sensor aside. Using the Fuel Storage Tanker, completely drain the RH saddle of the fuel tank.



 **NOTE:** Inspect the surfaces of the Fuel Level Sensor flange and fuel tank O-ring seal contact surfaces. Do not polish or adjust the O-ring seal contact area of the fuel tank flange or the fuel tank. Install a new Fuel Level Sensor or fuel tank if the O-ring seal contact area is bent, scratched or corroded.

15.

Remove and discard the Fuel Level Sensor O-ring seal.

GENERAL PROCEDURES > QUICK RELEASE COUPLING

Disconnect



NOTE: 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.



NOTE: 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.



NOTE: 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

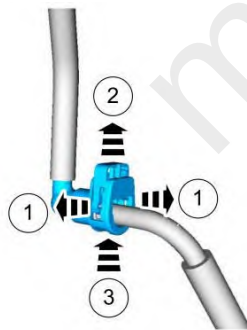
1.

If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure. Refer to: Fuel System Pressure Release .

2.

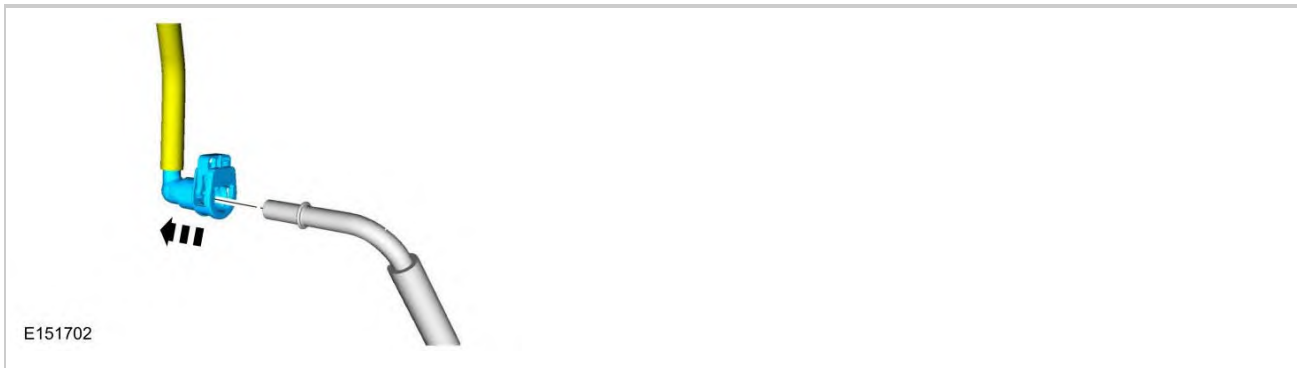
Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

3.



E151716

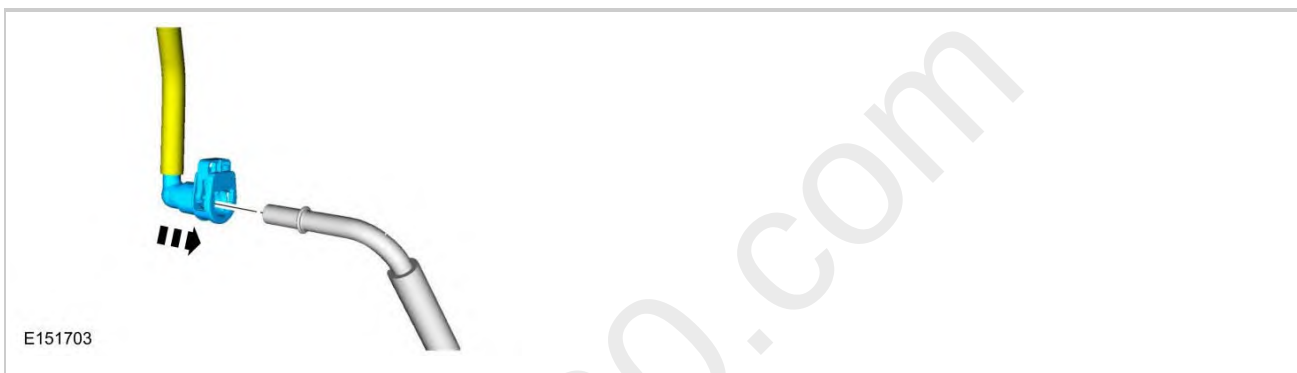
4.



Connect

1.

Inspect and clean both quick coupling ends.



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

2.

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 .

Disconnect



NOTE: 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.



NOTE: 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.



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



NOTE: Type 2

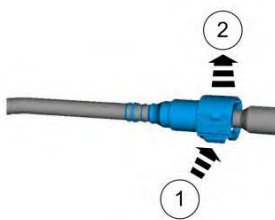
1.

If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure. Refer to: Fuel System Pressure Release .

2.

Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

3.



E151704

4.



E151705

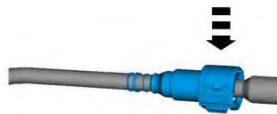
Connect

1.



E151706

2.



E151715

3.

Connect the battery ground cable. Refer to: Battery Disconnect and Connect .

Disconnect



NOTE: 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.



NOTE: 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.



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



NOTE: Type 3

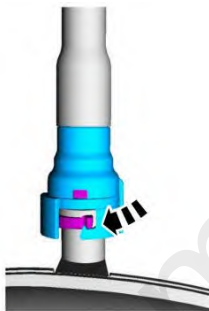
1.

If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure. Refer to: Fuel System Pressure Release .

2.

Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

3.



E151707

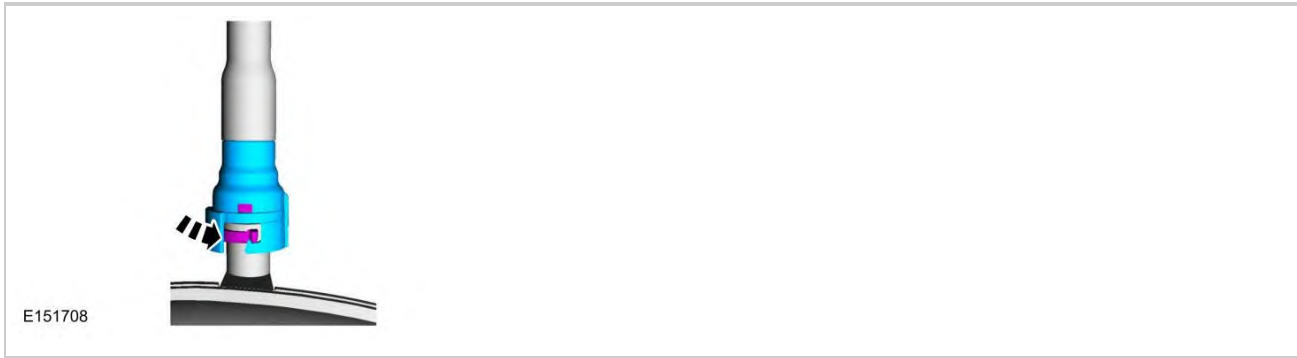
Connect

1.



E151710

2.



3.

Connect the battery ground cable. Refer to: Battery Disconnect and Connect .

Disconnect



NOTE: 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.



NOTE: 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.



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



NOTE: Type 4

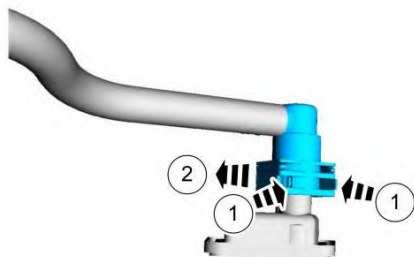
1.

If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure. Refer to: Fuel System Pressure Release .

2.

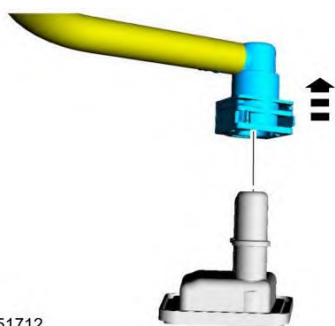
Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

3.



E151711

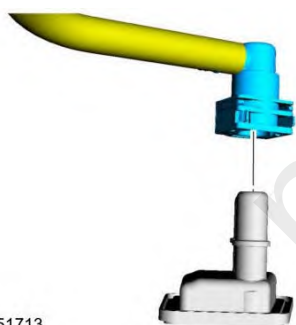
4.



E151712

Connect

1.



E151713

2.

Connect the battery ground cable. Refer to: Battery Disconnect and Connect .

Disconnect



NOTE: 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.



NOTE: 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.



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



NOTE: Type 5

1.

If servicing a liquid fuel tube quick connect coupling, release the fuel system pressure. Refer to: Fuel System Pressure Release .

2.

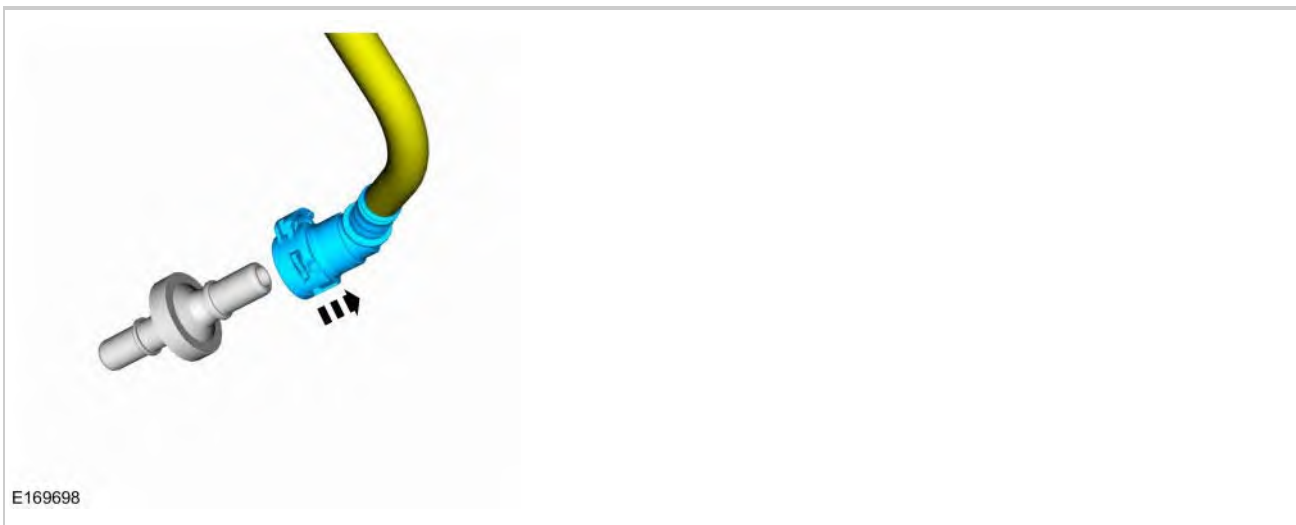
Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

3.



E169697

4.



Connect

1.



2.

Connect the battery ground cable. Refer to: Battery Disconnect and Connect .

Disconnect



NOTE: 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.



NOTE: 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.



NOTE: 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 .

2.

Disconnect the battery ground cable. Refer to: Battery Disconnect and Connect .

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.



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