

# **Component Procedures: Fuel Line Coupler**

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# Component Procedures: Fuel Line Coupler

## Metal Collar Quick Connect Fitting Service (Article 11457)

### Special Tools

- J 37088-A - Fuel Line Disconnect Tool Set
- J 44581 - Fuel Line Disconnect Tool

For regional tools refer to Special Tools

### Removal Procedure

- Relieve the fuel system pressure. Refer to Fuel Pressure Relief .
- Remove the retainer from the quick-connect fitting. Click for full-size image
- Blow dirt out of the fitting using compressed air. Click for full-size image
- Depending on the fuel line size and ability to access the fitting, choose the appropriate tool: J 37088-A - fuel line disconnect tool set or J 44581 - fuel line disconnect tool . Insert the J 37088-A - fuel line disconnect tool set or J 44581 - fuel line disconnect tool into the female connector, then push inward to release the locking tabs. Click for full-size image
- Pull the connection apart. Click for full-size image
- Using a clean shop towel, wipe off the male pipe end.
- Inspect both ends of the fitting for dirt and burrs.
- Clean or replace the components as required.

### Installation Procedure

- Apply a few drops of clean engine oil to the male pipe end. Click for full-size image
- Push both sides of the quick-connect fitting together to cause the retaining tabs to snap into place. Click for full-size image
- Pull on both sides of the quick-connect fitting to make sure the connection is secure. Click for full-size image
- Install the retainer to the quick-connect fitting. Click for full-size image
- Inspect for leaks using the following procedure:
- Turn the ignition ON, with the engine OFF for 2 seconds.
- Turn the ignition OFF, for 10 seconds.
- Turn the ignition OFF.
- Inspect for leaks.

## Plastic Collar Quick Connect Fitting Service (Article 11458)

### Disconnect Procedure

- Bartholomew (1)
- Q Release (2)
- Squeeze to Release (3)
- Sliding Retainer (4)
- Push Down TI (5)
- Relieve the fuel system pressure. Refer to Fuel Pressure Relief . Click for full-size image
- Using compressed air, blow any dirt or debris from around the connection. Click for full-size image
- This step applies to Bartholomew style connector ONLY. Squeeze the plastic quick connect fitting release tabs. Click for full-size image
- This step applies to Release Tab style connector ONLY. Release the fitting by pushing the tab toward the other side of the slot in the fitting. Click for full-size image
- This step applies to the Squeeze to Release style connector ONLY. Squeeze where indicated by the arrows shown above on both sides of the plastic ring surrounding the quick connect fitting. Click for full-size image
- This step applies to the Sliding Retainer style connector ONLY. Release the fitting by pressing on one side of the release tab causing it to push in slightly. If the tab does not move try pressing the tab in from the opposite side. The tab will only move in one direction. Click for full-size image
- This step applies to the Push Down TI style connector ONLY. Release the fitting by pressing on the tab indicated by the arrow. Click for full-size image
- Pull the connection apart. Click for full-size image

### Connect Procedure

- Apply a few drops of clean engine oil to the male connection end. Click for full-size image
- Push both sides of the quick-connect fitting together in order to cause the retaining feature to snap into place. Click for full-size image
- Once installed, pull on both sides of the connection in order to make sure the connection is secure. Click for full-size image