

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Engine/Propulsion**

2. **Engine Controls and Fuel - 6.2L (LT2)**

3. **Repair Instructions**

- 4.

Metal Collar Quick Connect Fitting Service

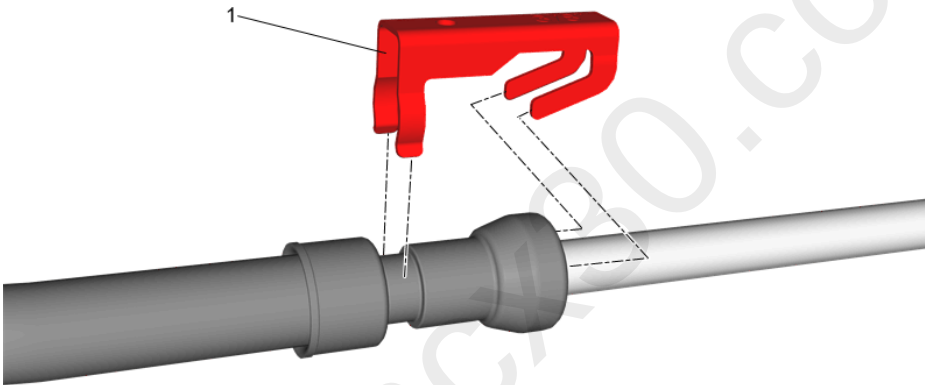
Special Tools

CH-41769, Fuel Line Quick Disconnect Tool

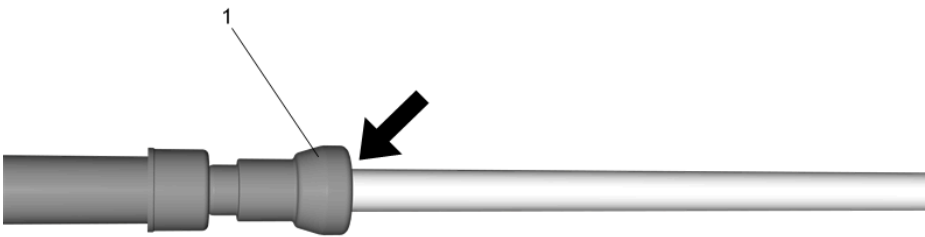
Equivalent regional tools: Special Tools

Disconnect Procedure

1. Relieve the fuel system pressure. Fuel Pressure Relief



2.
Click here for full size
3. Remove the fuel line retainer (1).

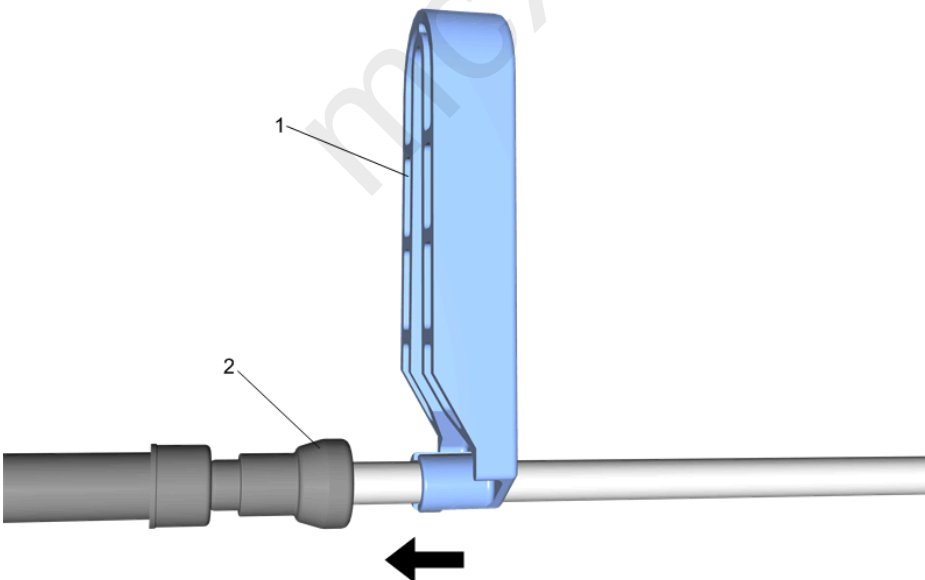


4. [Click here for full size](#)

5. Warning:

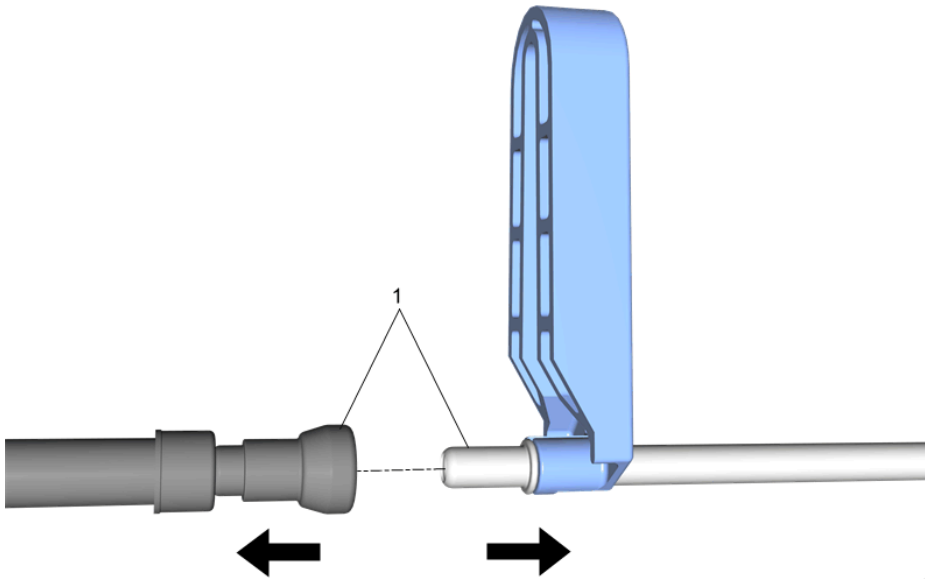
Wear safety glasses when using compressed air, as flying dirt particles may cause eye injury.

6. Using compressed air, blow any dirt or debris from around the connection (1).



7. [Click here for full size](#)

8. Using the correct tool from the CH-41769, Fuel Line Quick Disconnect Tool (1), insert the tool into the female connector end (2), then push inward to release the quick connect locking tabs.



9.
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10. Pull the fuel line connection (1) apart.

11. Caution:

If necessary, remove rust or burrs from the fuel pipes with an emery cloth. Use a radial motion with the fuel pipe end in order to prevent damage to the O-ring sealing surface. Use a clean shop towel in order to wipe off the male tube ends. Inspect all the connections for dirt and burrs. Clean or replace the components and assemblies as required.

12. Use a clean shop towel in order to wipe off the male connection end.

13. Inspect both ends of the fitting for dirt and burrs. Clean or replace the components as required.

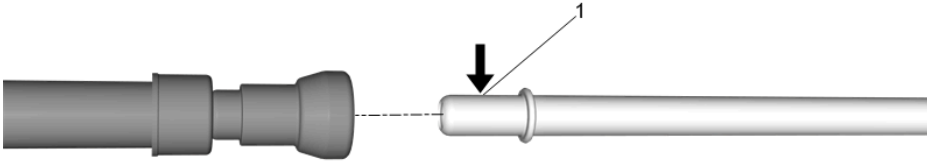
Connect Procedure

1. Warning:

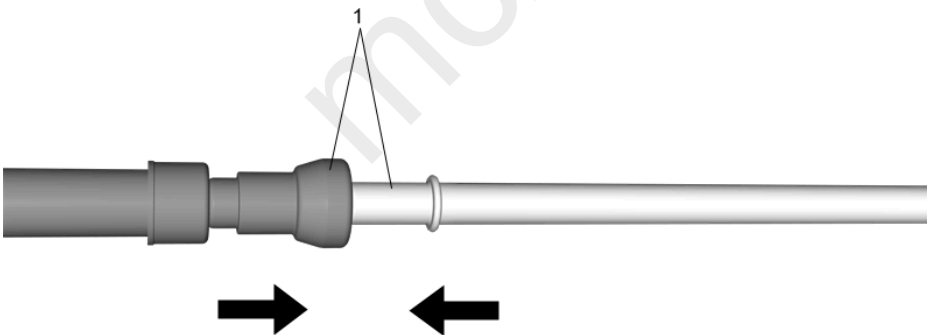
In order to reduce the risk of fire and personal injury, before connecting fuel pipe fittings, always apply a few drops of clean engine oil to the male pipe ends.

This will ensure proper reconnection and prevent a possible fuel leak.

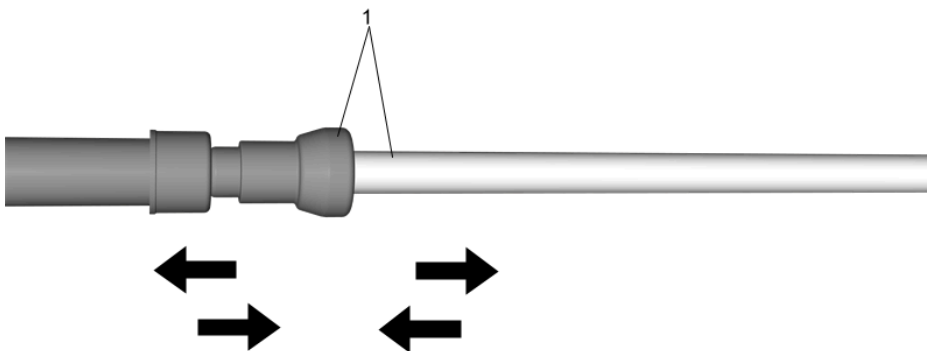
During normal operation, the O-rings located in the female connector will swell and may prevent proper reconnection if not lubricated.



2. [Click here for full size](#)
3. Apply a few drops of clean engine oil to the male connection end (1).

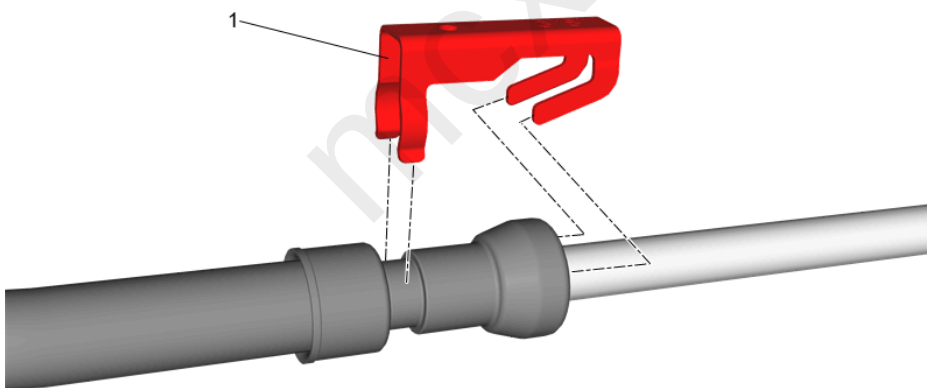


4. [Click here for full size](#)
5. Push both sides of the fitting (1) together to engage the retaining tabs.



6.
[Click here for full size](#)

7. Once installed, pull on both sides of the connection (1) in order to ensure the connection is secure.



8.
[Click here for full size](#)

9. Install the fuel line retainer (1).