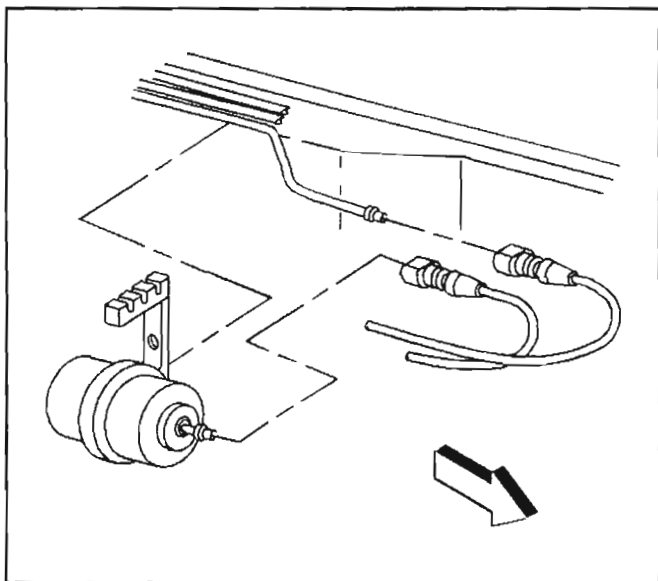
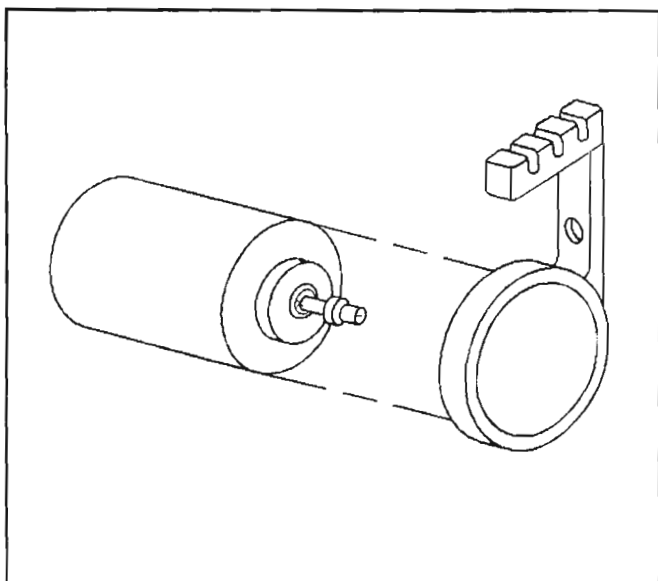


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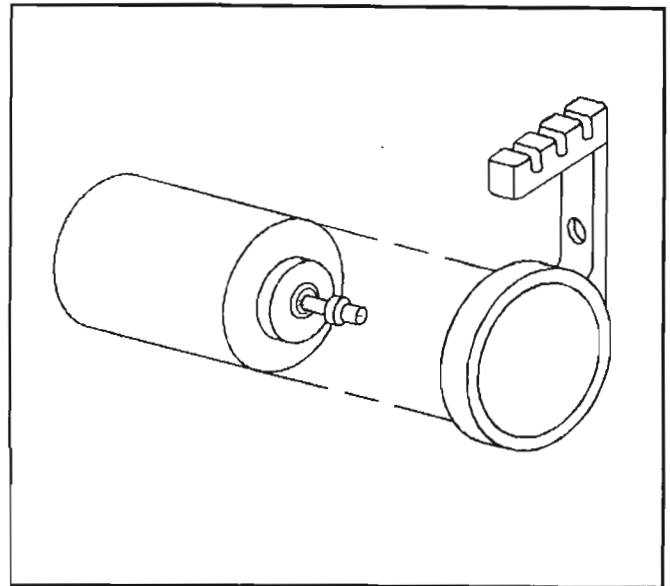
In-Line Fuel Filter Replacement

Removal Procedure

1. Relieve the fuel pressure. Refer to *Fuel Pressure Relief Procedure*.
2. Remove the fuel filler cap.
3. Remove the fuel feed nut and plastic quick connect fitting from either side of the filter. Refer to *Quick Connect Fitting(s) Service (Plastic Collar)*.
4. Remove the clamp bolt.
5. Remove the filter and the clamp from fuel lines.
6. Remove the clamp from filter.

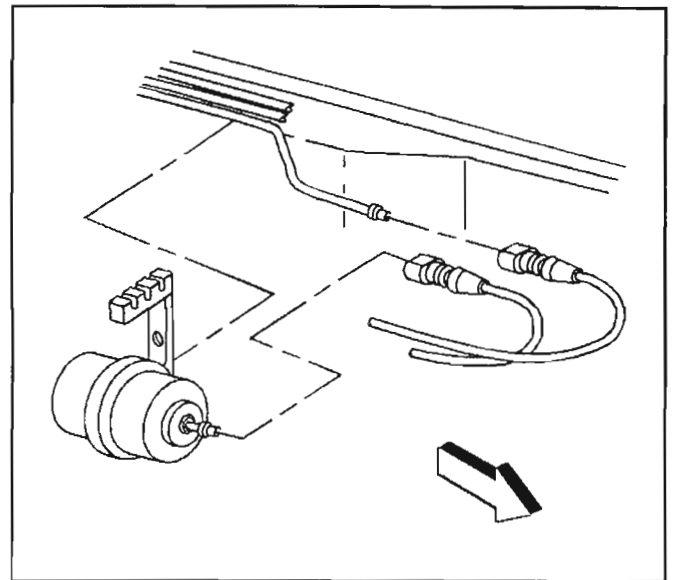
Installation Procedure

1. Install the clamp to filter.



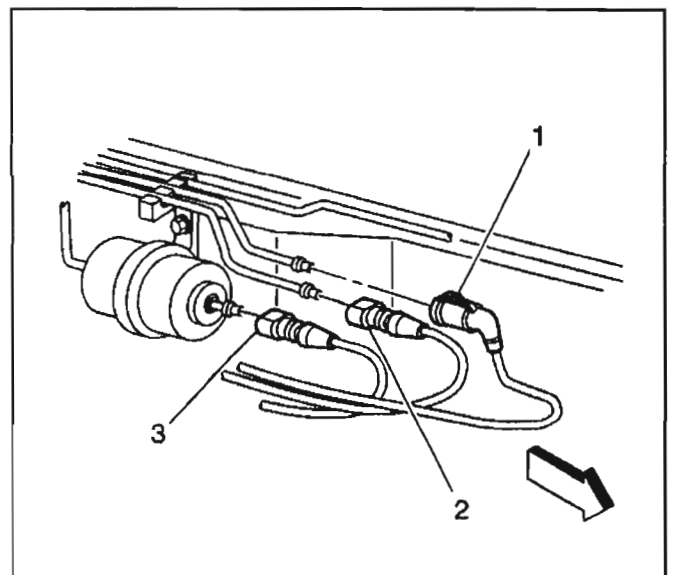
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2. Install the filter and clamp to fuel lines.
3. Install the clamp bolt.

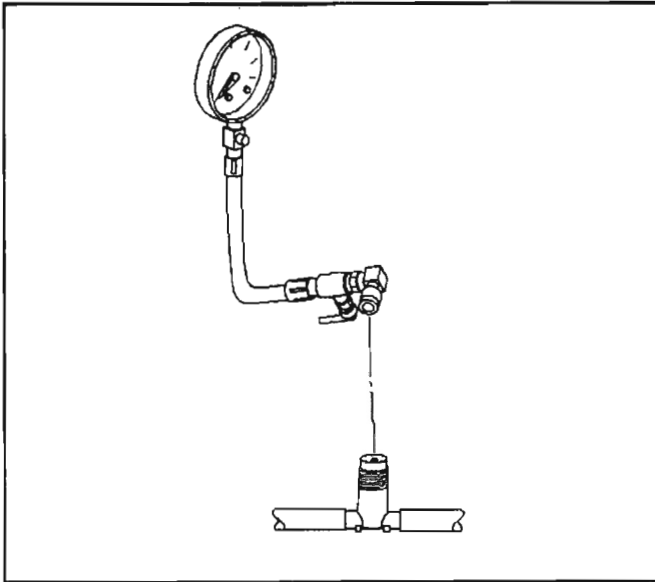


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4. Install the fuel feed nut and plastic quick connect fitting on either side of the fuel filter. Refer to *Quick Connect Fitting(s) Service (Plastic Collar)*.
5. Install the fuel filler cap.
6. Check for leaks.



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Fuel Pressure Relief Procedure

Tool Required

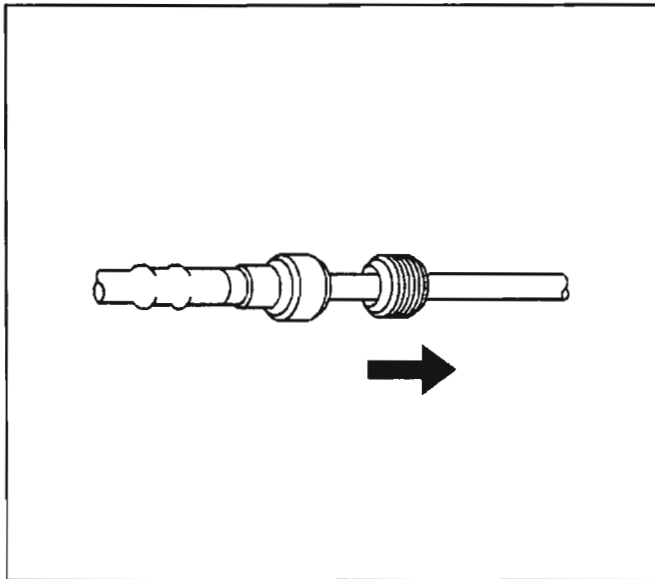
J 34730-1A Fuel Pressure Gauge

Caution: Relieve the fuel system pressure before servicing fuel system components in order to reduce the risk of fire and personal injury.

After relieving the system pressure, a small amount of fuel may be released when servicing the fuel lines or connections. In order to reduce the chance of personal injury, cover the regulator and the fuel line fittings with a shop towel before disconnecting. This will catch any fuel that may leak out. Place the towel in an approved container when the disconnection is complete.

Caution: Refer to Battery Disconnect Caution in Cautions and Notices.

1. Disconnect the negative battery cable in order to avoid possible fuel discharge if an accidental attempt is made to start the engine.
2. Loosen the fuel filler cap in order to relieve the tank vapor pressure.
3. Connect the J 34730-1A gauge or the equivalent to the fuel pressure connection.
4. Wrap a shop towel around the fitting while connecting the gauge in order to avoid spillage.
5. Install the bleed hose of the gauge into an approved container.
6. Open the valve on the gauge in order to bleed the system pressure. The fuel connections are now safe for servicing.
7. Drain any fuel remaining in the gauge into an approved container.



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Quick Connect Fitting(s) Service (Metal Collar)

Removal Procedure

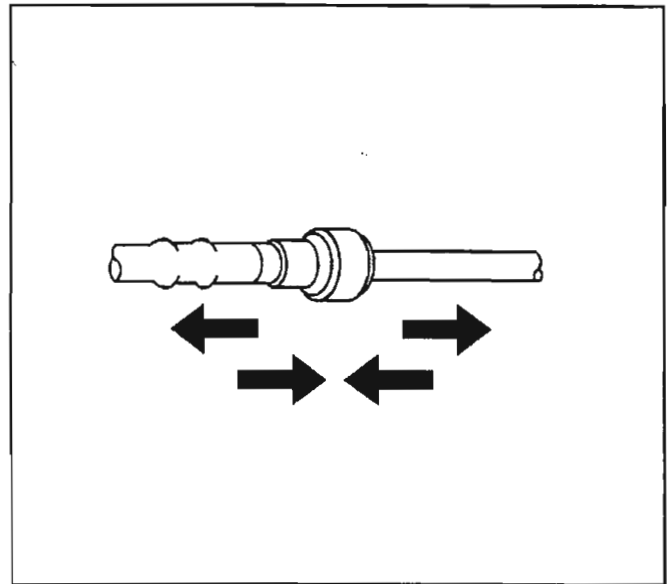
Tools Required

J 37088-A Tool Set, Fuel Line Quick-Connect Separator

Important: Relieve the fuel system pressure before servicing any fuel system connection. Refer to the Fuel Pressure Relief Procedure.

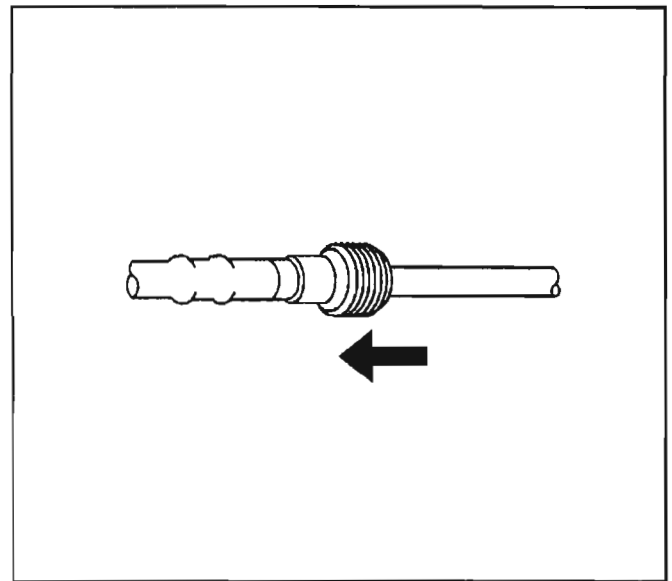
1. Slide the dust cover from the quick-connect fitting.

- Once installed, pull on both sides of the fitting to make sure the connection is secure.



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- Reposition the dust cover over the quick-connect fitting.



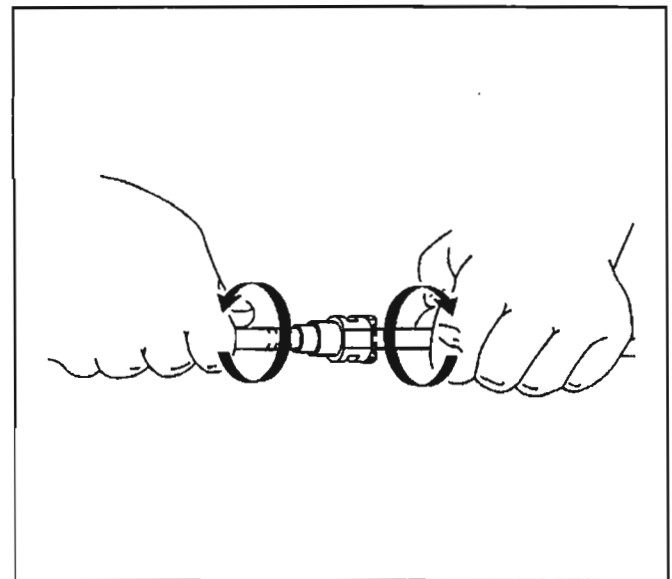
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Quick Connect Fitting(s) Service (Plastic Collar)

Removal Procedure

Important: Relieve the fuel system pressure before servicing any fuel system connection. Refer to the *Fuel Pressure Relief Procedure*.

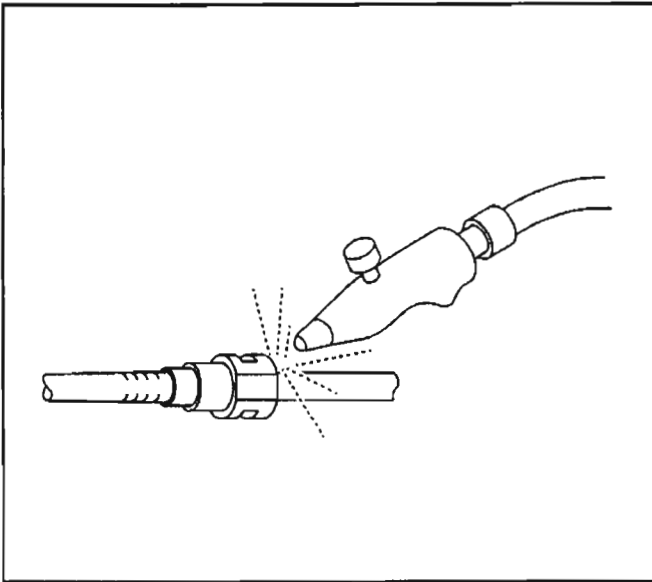
- Grasp both sides of the quick-connect fitting. Twist the female connector 1/4 turn in each direction in order to loosen any dirt within the quick-connect fitting.



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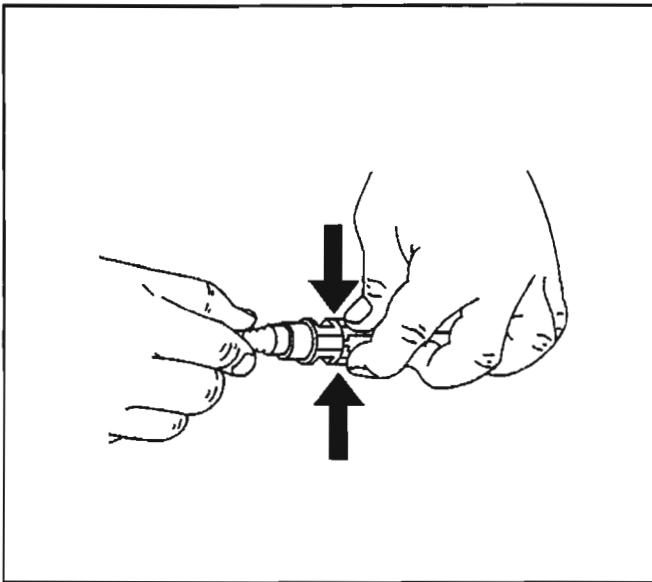
Caution: Wear safety glasses when using compressed air in order to prevent eye injury.

- Using compressed air, blow any dirt out of the quick-connect fitting.



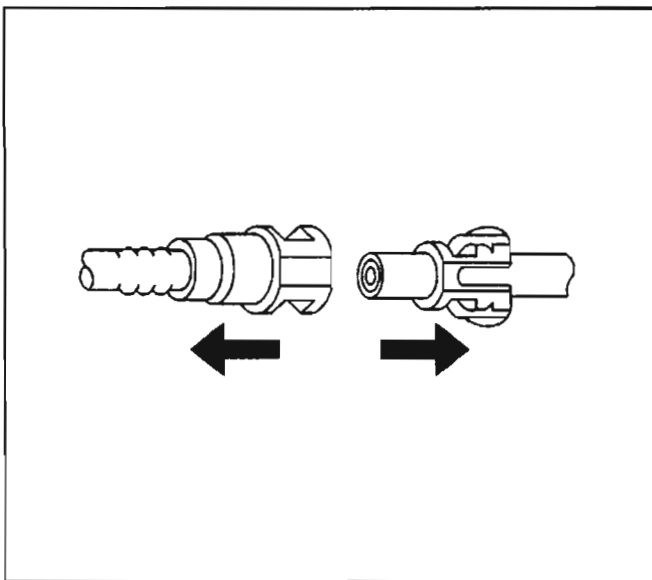
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- Squeeze the plastic retainer release tabs.



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- Pull the connection apart.



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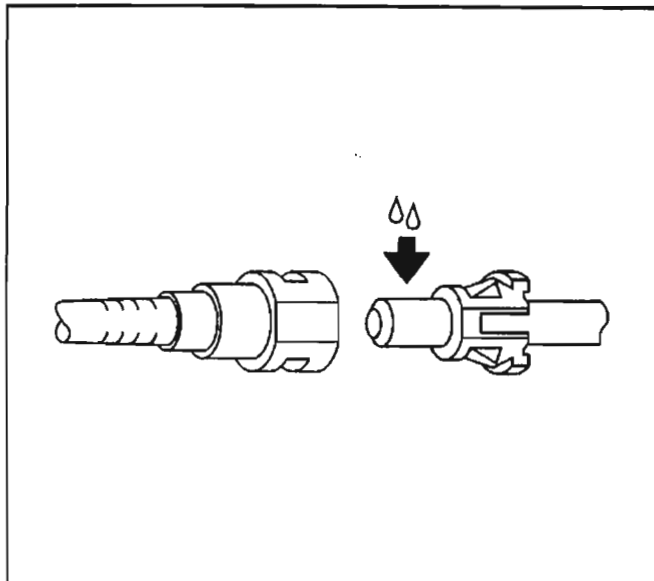
Installation Procedure

Caution: 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.

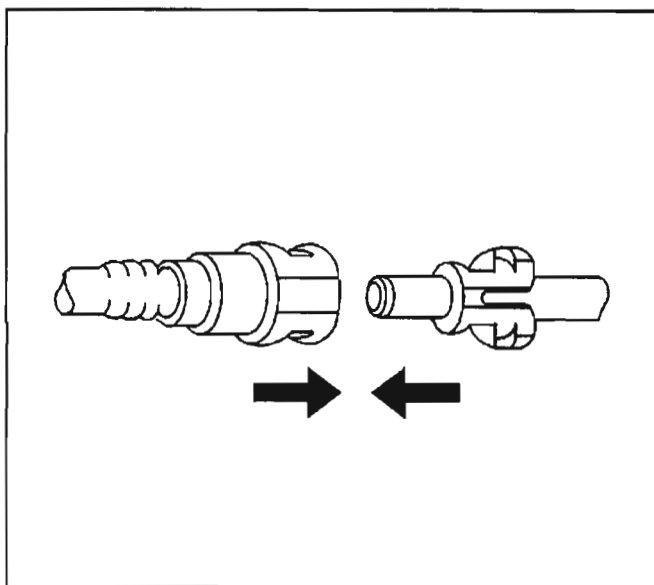
During normal operation, the O-rings located in the female connector will swell and may prevent proper reconnection if not lubricated.

1. Apply a few drops of clean engine oil to the male fuel pipe end.



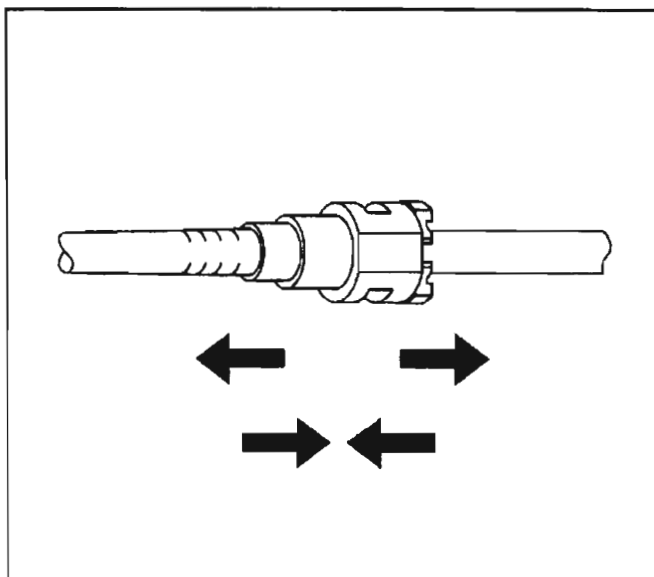
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2. Push both sides of the quick-connect fitting together in order to cause the retaining tabs/fingers to snap into place.



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3. Once installed, pull on both sides of the quick-connect fitting in order to make sure the connection is secure.



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