

E85 FLEX FUEL INSTALLATION GUIDE

Tools Required:

Parts included:

Long set of needle nose pliers	GM Flex Fuel Sensor
Flathead Screwdriver	New GM Fuel Hose
10mm Socket	Flex Fuel Harness
Ratchet With Extension	Fuel Line Removal Tool

Step 1

Remove Valve Cover Trim on either side of engine.



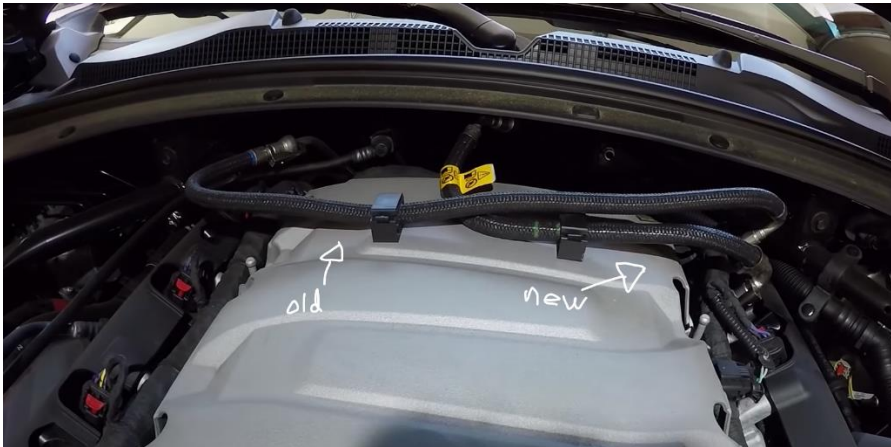
Then remove Fuel Hose retainer lock on the right side and detach the Fuel hose using the provided Fuel hose removal tool.

*** It is completely normal for there to be fuel in the hose ***



Step 2

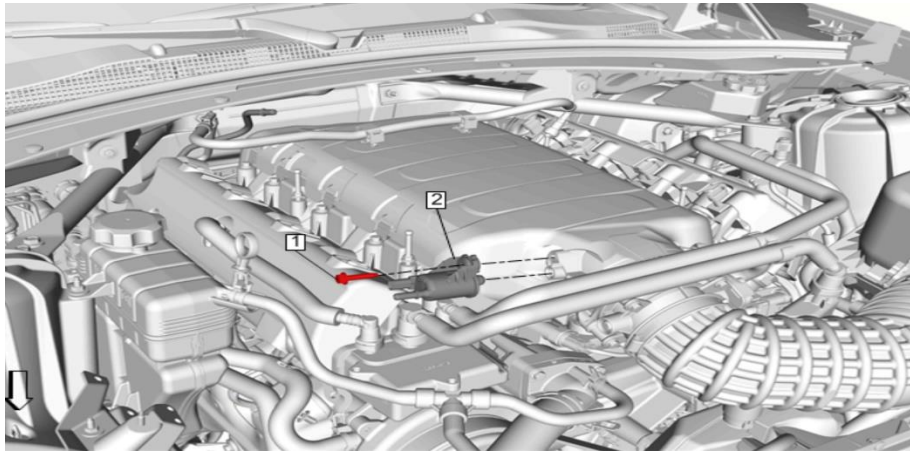
Attach new GM Fuel Hose to High pressure pump side.



Step 3

Attach the open end of the new GM Fuel Hose and the open end of the Old GM Fuel Hose to either side of the GM Flex Fuel Sensor. Criss Cross pattern works best.

Step 4



Attach Flex Fuel Harness to the GM Flex Fuel Sensor. Route the harness wiring along the left side of the engine cover until you reach the EVAP Sensor plug in.

Proceed to unplug the Old EVAP Sensor. The new Flex Fuel Harness comes with a new EVAP Plug.

Attach the new EVAP Plug to the EVAP Sensor Plug in.

Step 5

The ground wire will attach to the upper bolt in the upper right-hand corner of the valve cover.

Use the 10mm with extension to remove the bolt.

Place the ground wire through the bolt and re tighten the bolt.

******Beware:** Valve Cover bolts have a GM Torque Specification of 89 Inch Pounds. ********

Step 6

Next step is to insert the pin into the ECU. The connector to use is the lower most connector.

Disconnect the lower ECU connector from the ECU.

Take the shield to the connector off to reveal the blue shield covering the pins.

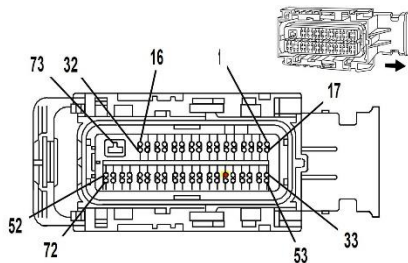
Use the flathead screwdriver to cautiously remove the blue shield to the pins.

Step 7

Locate the Pin 38.

Use needle nose pliers to

Remove grey plug if there is one in the slot for pin 38.



Plug the new pin from the Flex Fuel Harness into the slot for Pin 38.

***** It should require no force to insert the pin. It should click when fully inserted *****

Recover the blue shield and ECU connector cover

plug in the ECU connector back into the lower ECU port.

E85 installation completed

*****Important Notes*****

When turning the vehicle on for the first time after installing the E85 kit place vehicle in accessory mode to allow ECU to register the new sensor before turning the vehicle fully on.

You may install the kit before getting a tune; however, a tune is required to use E85 Fuel.