

## Camaro 2.0T Flex Fuel Sensor Installation

Components required (E85 conversion kit can be purchased from Vermont Tuning):



Ethanol sensor

Ethanol sensor harness/pigtail

Female molex mx64 pin

12" flex fuel hose

GM style fuel quick connectors

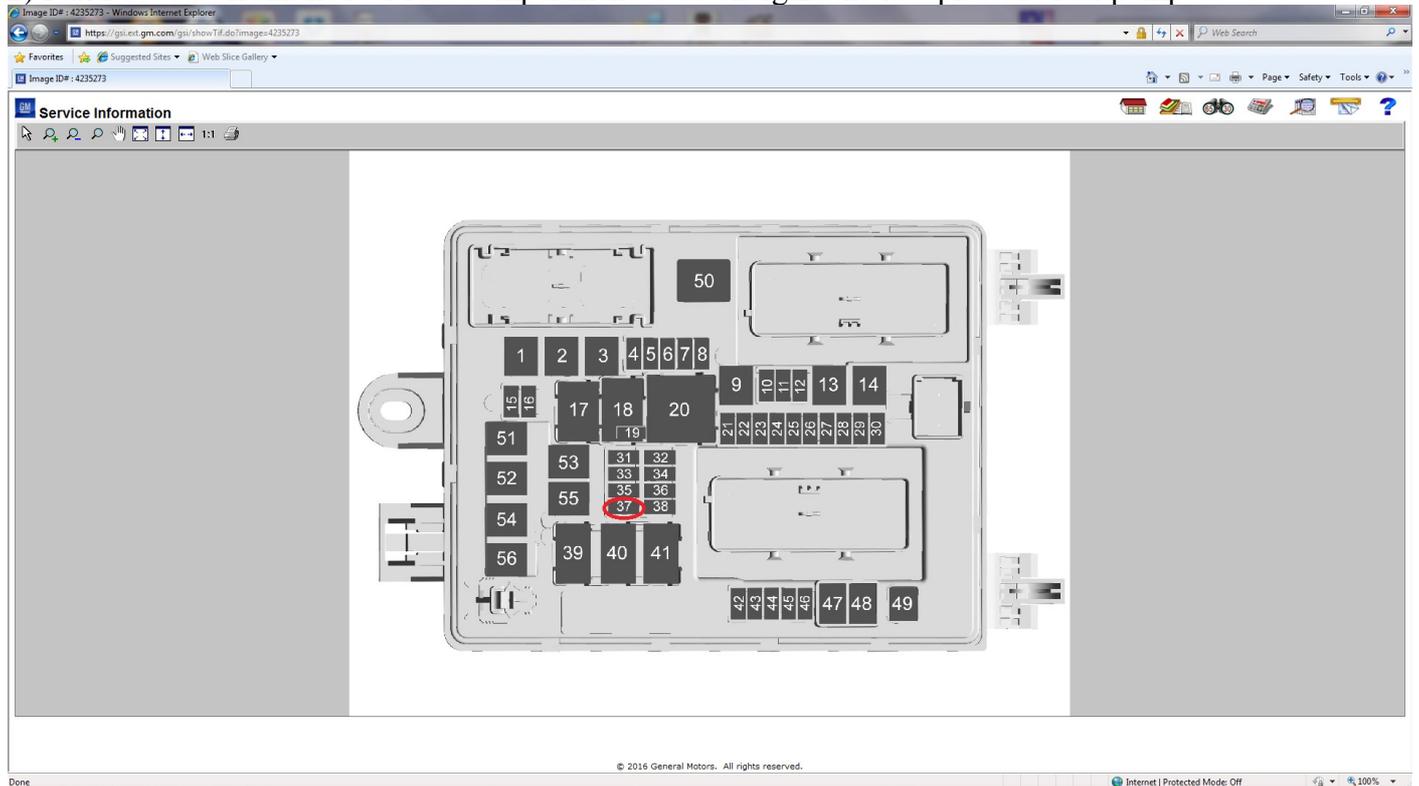
ATR MICRO2 Fuse tap (not supplied)

Tools (not supplied): Crimpers and electrical tools (soldering iron/gun, heat shrink tubing, 20 or 22 gauge wire.

- 1) Remove the torx screw that secures the vacuum line to the intake manifold and install the flex fuel sensor as shown below:



2) Pull Fuse #37 from the rear fuse compartment to de-energize the low pressure fuel pump.



Start the engine and let it run for ~30 seconds or until it stalls to relieve the fuel pressure between the low pressure pump and the high pressure pump.

Using a fuel disconnect tool, remove the fuel line from the fuel rail and connect to the flex fuel sensor as shown using a short (~12") section of E85 rated fuel hose and two gm style fuel quick connections.

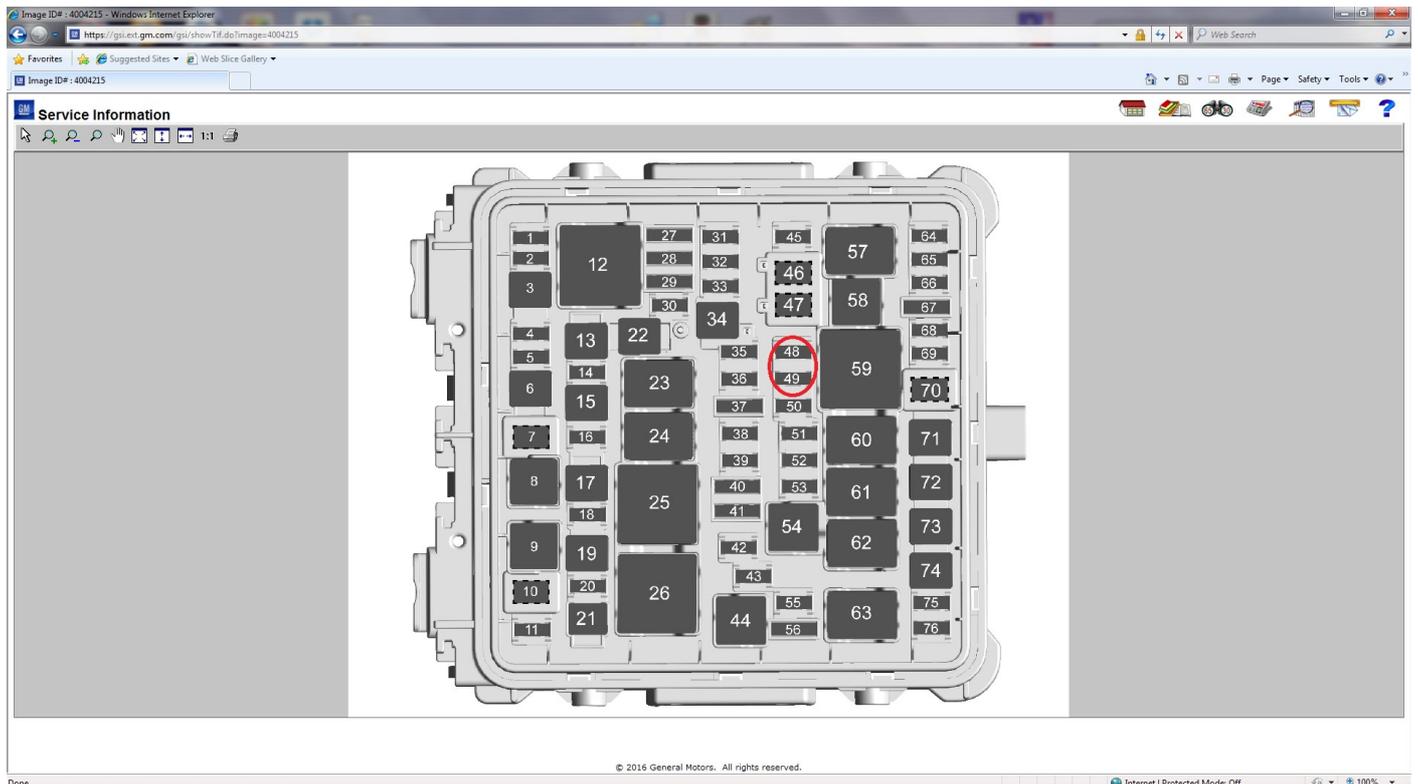


The signal wire from the flex fuel sensor will be connected to ECM harness X3 (Grey) pin #70. The +12V power can be pulled from any switched relay – I suggest taping fuse #48 (Instrument Panel Body Ignition) or #49 (Fuel System Control Module / Ignition) in the engine bay electrical center and connecting the ground to the post near the electrical center:



You can remove the engine electrical center as shown above to allow easier access to the ECM harness, but it is not necessary.

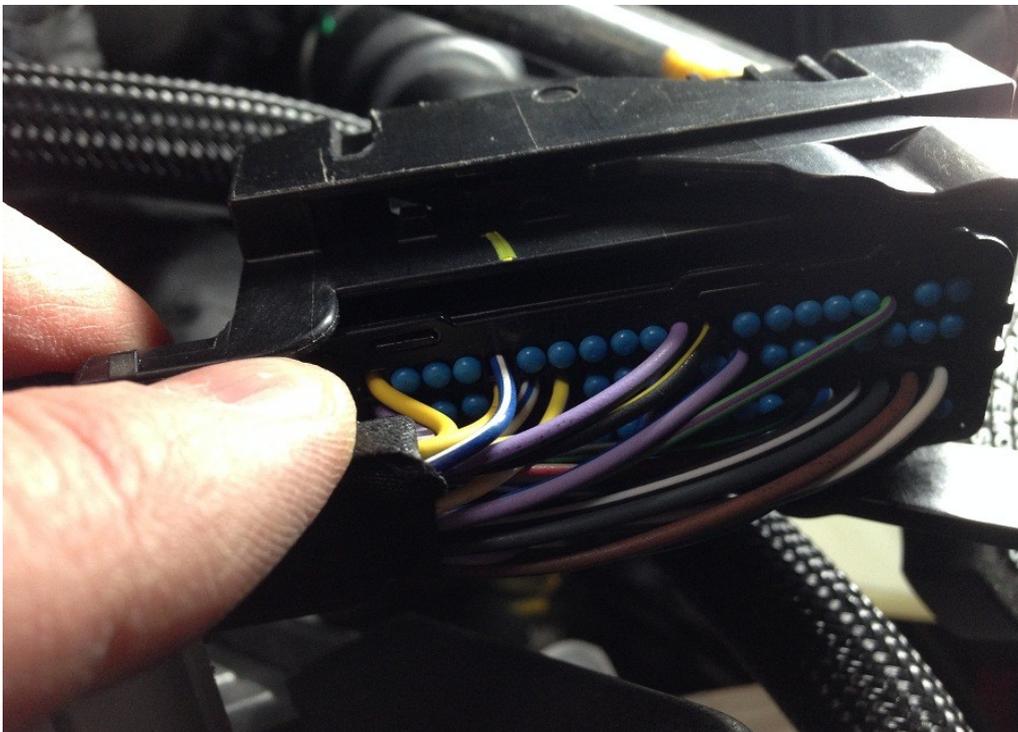
### Fuse 48 Location for power tap



The X3 harness location is circled in the image below:



You will need to open the harness to insert the new pin (molex mx64 femal) into position #70 as shown:



Once the connector is open you can remove the blue plug at position #70 and insert the new wired pin:

