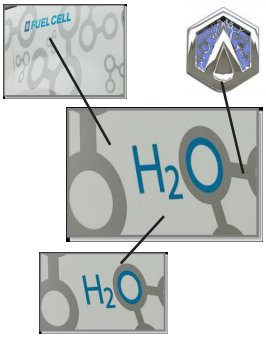
Chevrolet Equinox Fuel Cell

Emergency Response Quick Reference *

Vehicle Identification

The Equinox Fuel Cell can be identified by the following:

Exterior Graphics



Graphics displayed are typical of what you will see on vehicles, but can vary by vehicle.

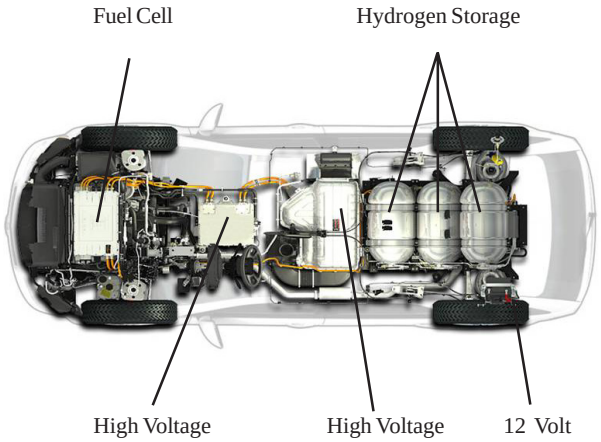
Underhood

Special trim cover on the Fuel Cell System, located under the hood.

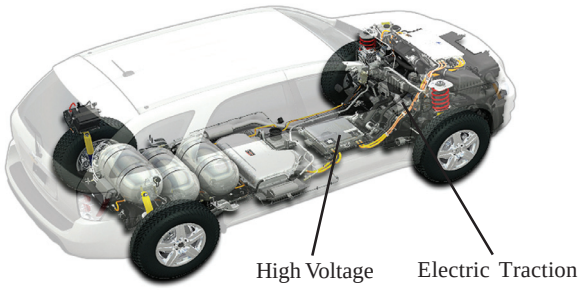
* For more information consult the Chevrolet Equinox Fuel Cell Emergency Response Guide at www.gmstc.com

Fuel Cell Component Location

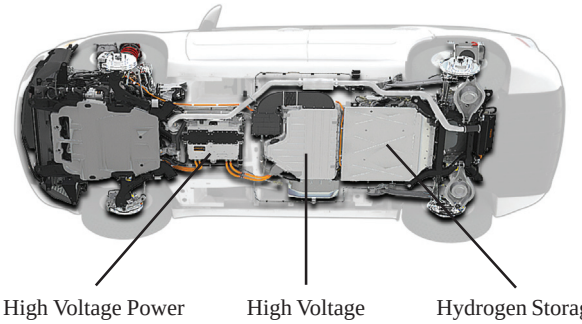
This illustration shows the location of the main Equinox Fuel Cell components from **a top view** of the vehicle.



This illustration shows the locations of the main Equinox Fuel Cell components from the **passenger side** of the vehicle.



This illustration shows the locations of the main Equinox Fuel Cell components from the **underside** of the vehicle.



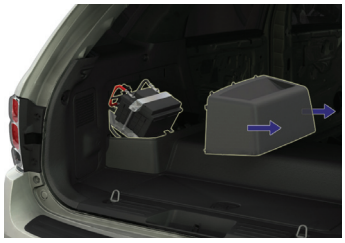
Disabling Propulsion System

A hood switch is mounted near the hood latch and stops hydrogen flow if the hood of the vehicle is not fully latched.

If the hood is opened while the vehicle is running, high voltage current flow will be disabled, and hydrogen flow through the Fuel Cell System will shut down.

Disabling Power

Perform each of the following steps to disable the high and low voltage electrical systems. This includes power to the air bag system.



1. Turn the ignition key to the OFF position.
2. Pull the hood release latch. This interrupts the normal Fuel Cell System shutdown procedure, disconnects the high voltage power supply, and stops hydrogen flow to the propulsion system.
3. Remove the 12 volt battery cover and disconnect or cut the 12 volt negative battery cable.
4. WAIT a minimum of 10 seconds to allow any undeployed air bag reserve energy and high voltage energy to dissipate before cutting into the vehicle.

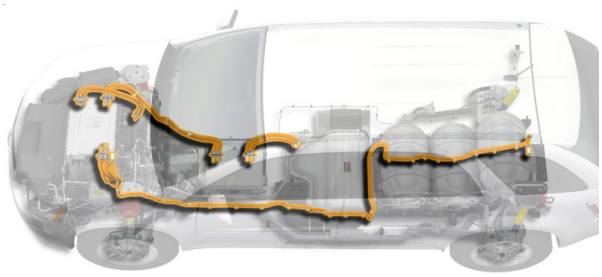
After disabling 12 volt power, WAIT a minimum of 10 seconds to allow any undeployed air bag reserve energy and high voltage energy to dissipate before cutting into the vehicle.

High Voltage Electrical System

There are three sources of high voltage power on the vehicle: the battery, the fuel cell and the regenerative braking system (the Electric Drive Motor). Regenerative power is not generated when the vehicle has stopped moving.

The high voltage is shut off immediately when an air bag deploys, the hood is opened or the rear crash sensor is activated. When the ignition is turned OFF, the fuel cell shuts down and its high voltage power dissipates within minutes.

Disconnecting the 12 volt battery removes power from undeployed air bags and provides a secondary interruption of power from the high voltage battery and fuel cell.

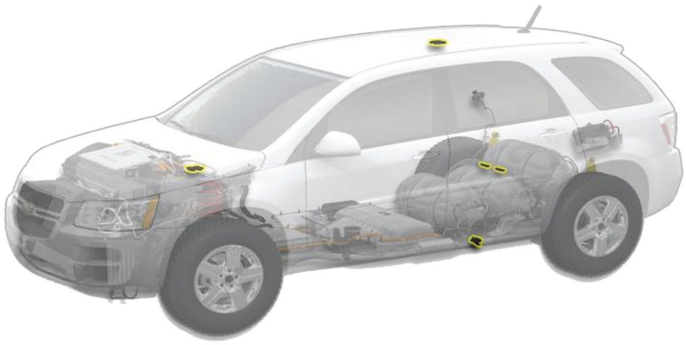


WARNING: Even though high voltage current flow stops when the power is interrupted, do NOT cut the orange high voltage cables and/or the High Voltage Power Converter.

If an orange cable and/or the High Voltage Power Converter is cut, residual static charge may cause an electrical arc discharge and/or personal injury.

Hydrogen Sensors

There are a total of 7 hydrogen sensors on the Equinox Fuel Cell.

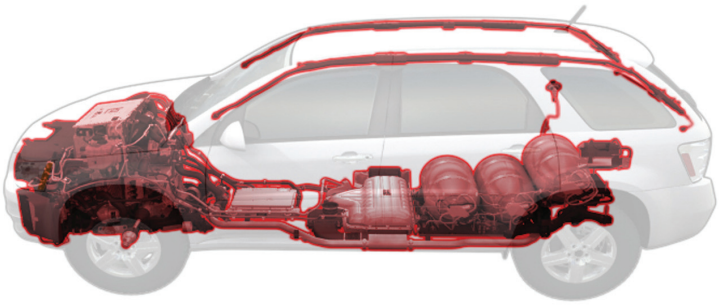


	Warning Level (above 12% of lower flammability limit)	Alarm Level (above 50% of lower flammability limit) – Audible beep
Instrument Panel Cluster	H2 icon illuminated	H2 icon blinks
Drivers Information Center	"H2 detected" message	"H2 detected – evacuate vehicle" message

Do NOT Cut Zones

Danger: Do NOT cut the orange high voltage cables. Cutting these cables can result in serious injury or death.

Caution: No matter what disable method you perform, do NOT cut the high voltage cables.



No Cut Zones

- Hydrogen Tanks
- Engine Compartment
- Beneath the Passenger Cabin Floor

Note: Disconnect the 12v Battery prior to cutting the rear roof pillar and allow any undeployed airbag reserve energy to dissipate.

WARNING: Do NOT cut the fuel lines – cutting fuel lines will release hydrogen in the fuel lines.

For more information, consult the Chevrolet Equinox Fuel Cell First Responder Guide at www.gmstc.com