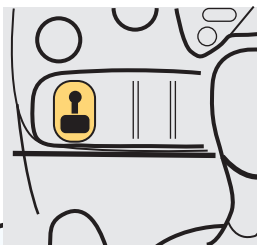


How a compressed natural gas vehicle works

GAS TANK

- Stores compressed natural gas on board the vehicle until it is needed by the engine.

GAS/PETROL SWITCH



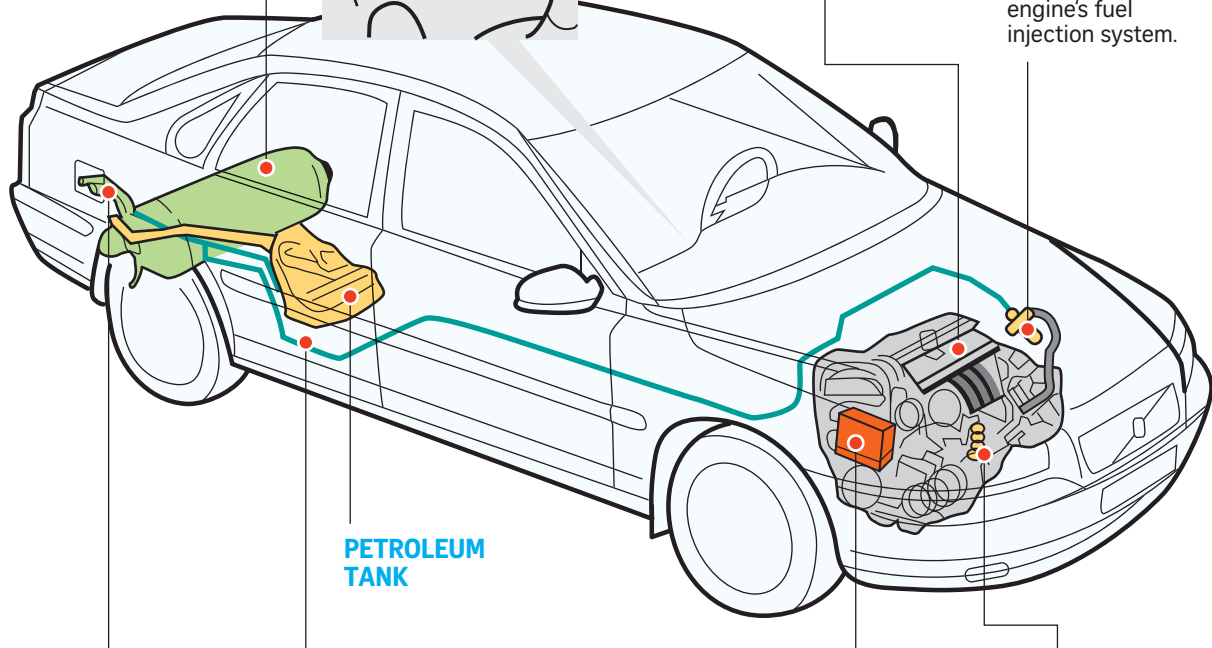
- To switch between the use of natural gas and petroleum.

GAS INJECTORS

- Inserts fuel into the engine's combustion chambers for ignition.

PRESSURE REGULATOR

- Reduces and regulates the pressure of the fuel exiting the tank, lowering it to an acceptable level required by the engine's fuel injection system.



PETROLEUM TANK

FUEL FILLER

- A filler or "nozzle" used to add fuel to the tank.

FUEL LINE

- A metal tube or flexible hose (or a combination of these) allows for transferring fuel from the tank to the engine's fuel injection system.

ENGINE CONTROL MODULE

- Controls the engine's performance, fuel efficiency and emissions; safeguards the engine from abuse; monitors the operation of the vehicle; and troubleshoots mechanical problems.

GAS DISTRIBUTOR

- Fuel is injected into the intake manifold or combustion chamber and combined with air, and the air/fuel mix is ignited by a spark from a spark plug.

NOTE: Fuel conversion may vary in different car makes.

VEHICLE FIRES

	2014	2015	2016	2017*
Total number of reported vehicle fires	233	199	236	77
Total number of CNG-vehicle fires	4	0	1	2

NOTE: *Till May 22