

Fuel Evaporation

OPEL

Opel 1100 (1970-71)
Opel 1900 (1970-73)
Opel GT (1970-73)

DESCRIPTION

The Opel Fuel Evaporation Emission Control System consists of the following components; A non-vented filler cap, an activated carbon canister incorporating an oiled foam filter in its base, a fuel tank having a special overfill protection and venting provisions to eliminate liquid fuel being supplied to the engine through the vapor line, and various connecting hoses between these components.

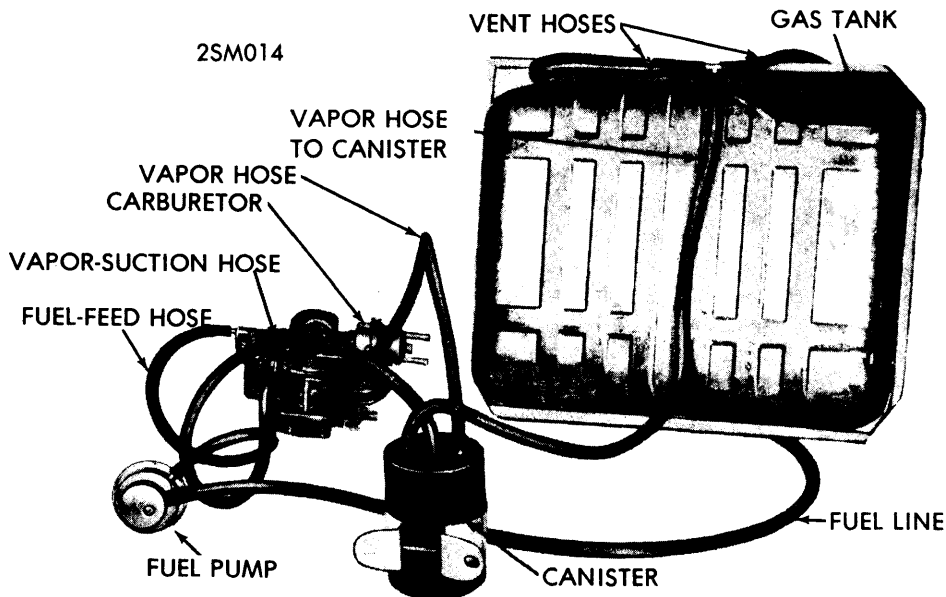
OPERATION

When the engine is not running, fuel vapors formed in the fuel tank, pass through a vent hose into the carbon canister where

they are absorbed by activated carbon. When the engine is running, intake manifold vacuum draws fresh air through the oil foam filter and over the activated carbon. The fresh air and fuel vapors, from the canister, are drawn into the intake manifold where they enter the combustion system and are burned. The fuel tank overfill protection device prevents the tank from being overfilled, thus ensuring a small volume is left in tank to allow for thermal expansion of fuel.

MAINTENANCE

Replace oiled foam filter assembly every 12,000 miles, more frequently under extremely dusty conditions.



OPEL FUEL EVAPORATION EMISSION CONTROL SYSTEM