

## PEUGEOT

Peugeot 304 (1971-73)  
Peugeot 504 (1971-73)

### DESCRIPTION

Peugeot's Fuel Evaporation Control System is designed to prevent fuel vapors from entering the atmosphere. System incorporates a sealed fuel tank, a separator (expansion tank), an activated charcoal canister and ventilation lines which connect the various components and terminate at the intake manifold.

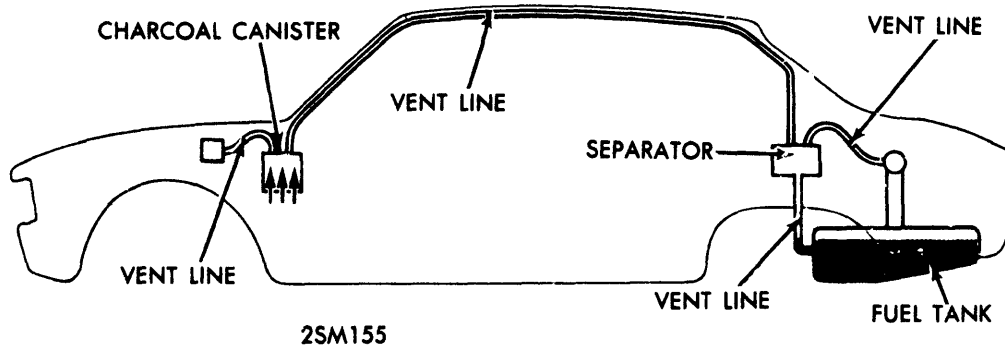
### OPERATION

When the engine is stopped, fuel vapors from the fuel tank pass through a vent line to the separator. Any liquid fuel

entering separator is returned to the fuel tank through a vent line. The fuel vapors then pass through a vent line to the canister where they are adsorbed by activated charcoal. When the engine is running, intake manifold vacuum passes through the vent line to the charcoal canister. Fresh air is drawn into the canister, it mixes with the fuel vapors and is drawn into the intake manifold where it enters the combustion system and is burned. This action cleanses the activated charcoal and renews its storage capacity.

### MAINTENANCE

Maintenance is not normally required, should any component be damaged or fail to operate properly, it should be replaced.



2SM155  
PEUGEOT FUEL EVAPORATION CONTROL (TYPICAL)