

1974-79 EXHAUST EMISSION SYSTEMS

Peugeot Fuel Evaporation

All Models

DESCRIPTION

Fuel evaporation system is designed to prevent fuel vapors from entering the atmosphere. System consists of a sealed fuel filler cap, charcoal canister, a liquid/vapor separator (station wagons), a calibrated jet in the primary carburetor and one in the line connecting the fuel tank with the charcoal canister.

On station wagons, the calibrated jet is installed in the vapor/liquid separator line to fuel tank. The liquid/vapor separator is attached to the rear left-hand fender lining and is connected to the fuel tank and to the fuel filler hose.

OPERATION

When the engine is stopped, fuel vapors from the tank are directed to charcoal canister through hoses and calibrated jet. On station wagons, fuel flows through the vapor/liquid separator where liquid is separated from vapor and returned to the fuel tank.

When the engine is running, engine vacuum draws an amount of air volume which is proportional to air coming from air filter. This air which is filtered at the canister inlet, picks up stored fuel vapors and then the air/fuel mixture flows to the engine to be burned.

MAINTENANCE

Check entire system for proper functioning every 12,500 miles.

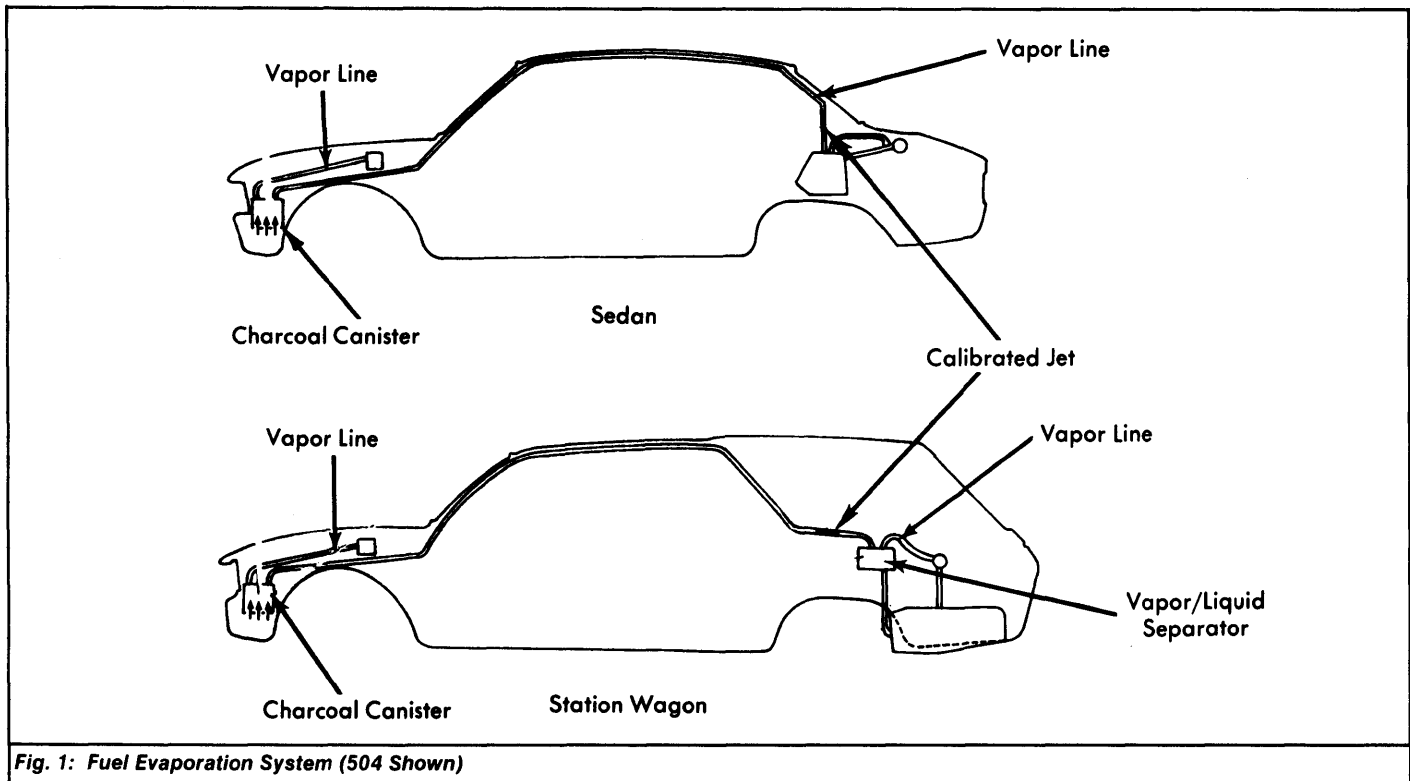


Fig. 1: Fuel Evaporation System (504 Shown)