

Fuel Evaporation

1971-72 DODGE COLT

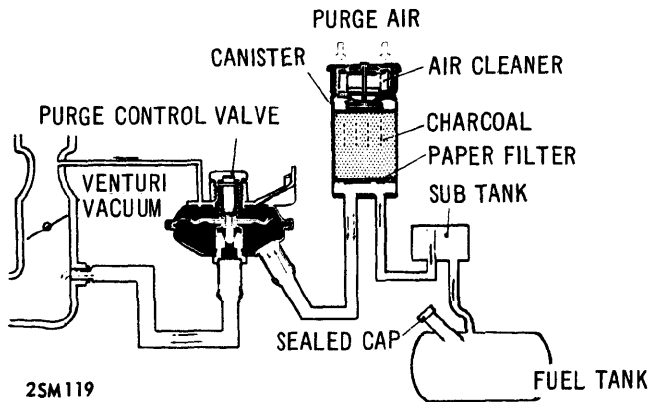
Dodge Colt (1971-72)

DESCRIPTION

The system consists of a sub tank (expansion tank and vapor separator), a charcoal canister, a purge valve, and tubes and hoses to connect the system. The components are employed to prevent the escape of evaporative gases into the atmosphere.

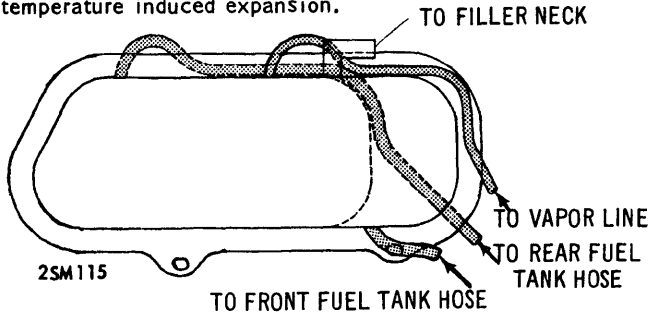
Canister - This charcoal filled canister traps vapors while the engine is stationary. During engine operation, however, fresh air is drawn into the canister to carry vapors into the intake system of the engine.

Purge Valve - Valve admits fresh air into the canister during engine operation, but closes when engine is not running. Valve is controlled by vacuum from the primary venturi of the carburetor.

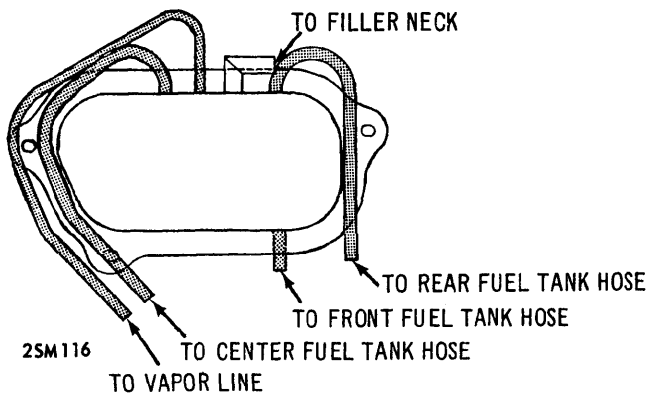


EVAPORATIVE EMISSION CONTROL SYSTEM

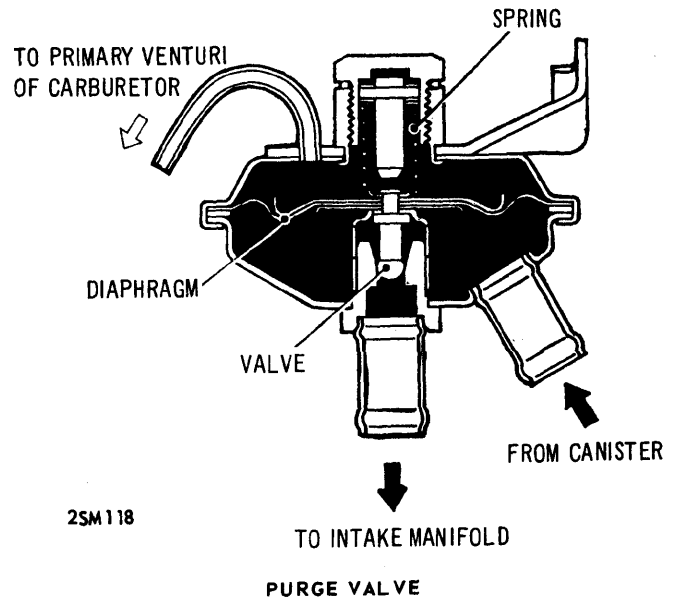
Sub Tank - Designed to prevent solid gasoline from entering vapor line and to reduce overflowing of gasoline due to temperature induced expansion.



SUB TANK (SEDAN & HARDTOP)

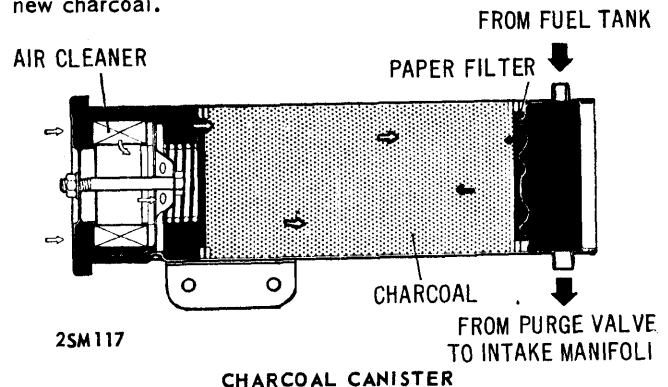


SUB TANK (STATION WAGON)



MAINTENANCE

Canister - Replace paper filter and air cleaning element of canister every 12,000 miles. Every 50,000 miles the charcoal in the canister must be replaced. Remove carbon dust from inside of canister before filling with about 8.8 oz. of new charcoal.



Purge Valve - Valve must be checked every 24,000 miles for proper operation.