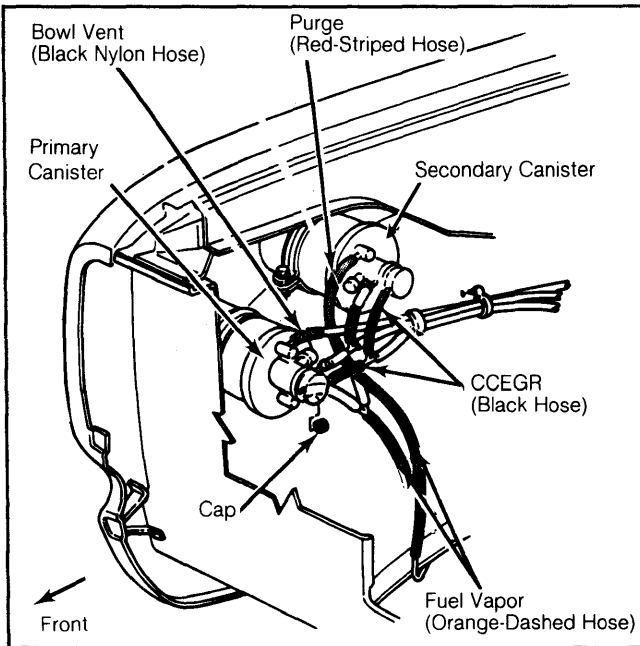


CHRYSLER CORP.

DESCRIPTION

The evaporation control system prevents gasoline vapors from the fuel tank and carburetor from escaping into the atmosphere. The systems are all dual canister types.

Fig. 1: Typical Dual Canister Mounting on Chrysler "D" & "W" Models



Canisters are mounted on right front fender.

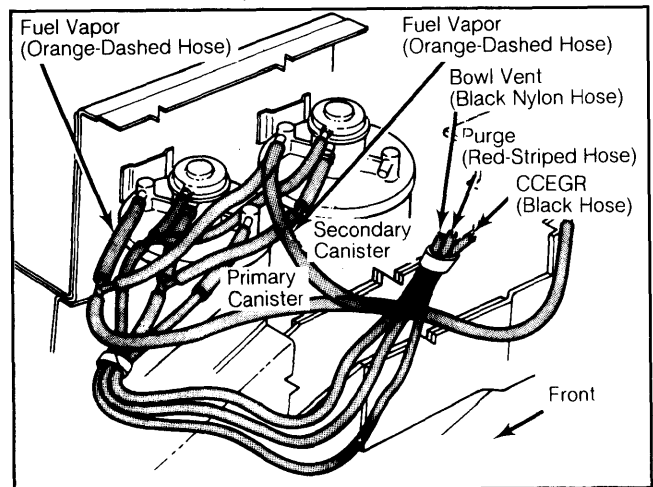
OPERATION

When fuel evaporates in the carburetor float chamber or fuel tank, vapors pass through vent hoses or tubes to the charcoal canister.

Fuel vapors are held on the activated charcoal surface until they are drawn into the intake manifold (when the engine is running). A vacuum port in the carburetor base controls vapor flow to the engine.

On the 2-canister system, fuel vapors from the primary canister are purged through the carburetor port. Vapors from the secondary canister are purged through the PCV hose to the carburetor, using a distributor vacuum signal, applied to the purge switch.

Fig. 2: Typical Vapor Hose Routing for Dual Canister Chrysler "B" & "PB" Models



MAINTENANCE

There is no service required on the fuel evaporation control system, except replacement of the filter element in the charcoal canister. Replace filters every 18,000 miles on Heavy Duty Emission models (over 8,500 lbs. GVW). On all other models replace filter every 30,000 miles.

Fig. 3: Typical Evaporation Control System Hose Routing for Chrysler "D" & "W" Models

