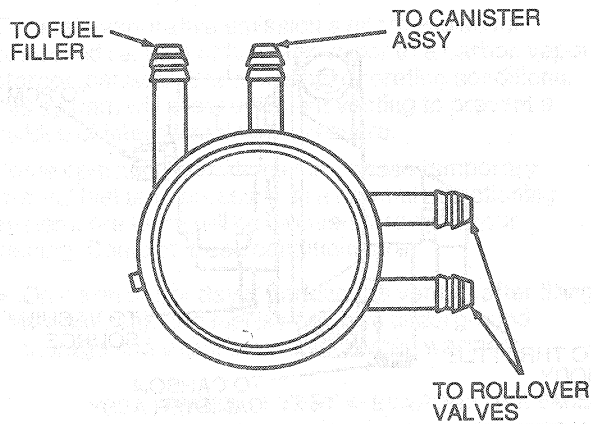


DESCRIPTION AND OPERATION (Continued)

Vapor Control Valve

The vapor control valve is located in the line between the vapor rollover valve and the carbon canisters. The vapor control valve is mounted on the fuel tank by a bracket. The vapor control valve senses filler cap removal by a change in pressure of the tank through a filler pipe sensing tube. The vapor control valve closes the flow path from the vapor rollover valves to the carbon canisters during refueling to prevent overfilling of the fuel tank.



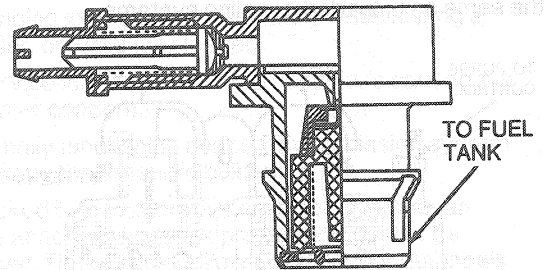
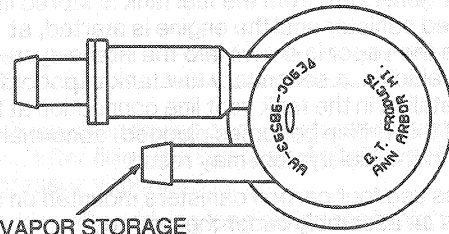
VAPOR CONTROL VALVE 9B190 (FF ONLY)

V8558-A

Fuel Tank Vapor Orifice, Pressure Relief and Rollover Valve Assembly

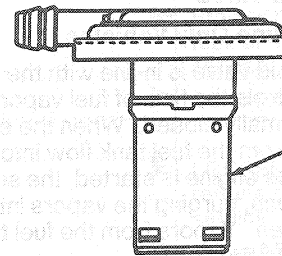
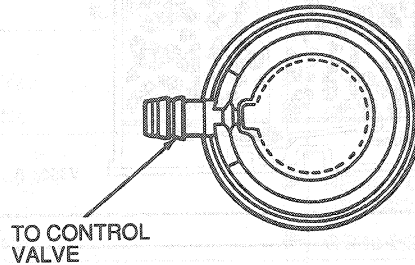
The fuel tank vapor orifice, pressure relief and rollover valve assembly makes use of a small orifice and shutoff valve that tends to allow only fuel vapor, not liquid, to pass into the line routed forward to the vapor storage canister. This assembly mounts directly to the fuel tank, using a rubber grommet.

Unleaded Gasoline Only



V7539-B

FF Only



V8559-A

Fuel vapors in the sealed tank are vented through the orifice in the top of the tank. The vapors are transmitted through a single vapor tube to the carbon canister at the front of the vehicle. A spring loaded poppet valve provides relief ahead of the orifice to the canister. This valve gradually opens above 5-6 kPa (20-25 inches H₂O) to vent vapors to atmosphere through a second vapor tube.