

Fuel Cut-off Valve

Replacement

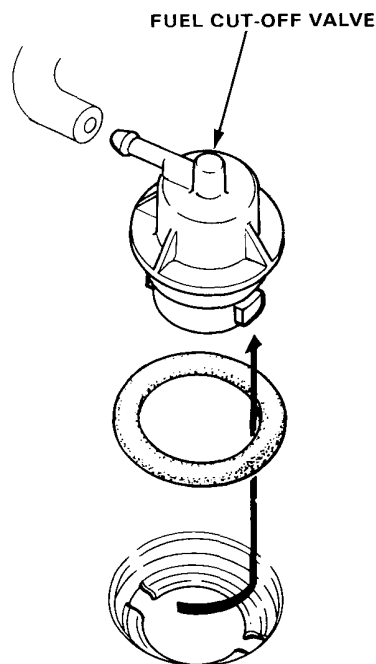
WARNING

- Do not smoke while working on fuel system. Keep open flame away from work area.
- Block front wheels before jacking up rear of car.

1. Raise rear of car and place jackstands in the proper locations.
2. Place jack under fuel tank.

CAUTION: Place a flat piece of wood on the jack lifting pad to prevent damage to the fuel tank.

3. Remove the tank mounting nuts and bolts, then lower the tank just enough to gain access to the fuel cut-off valve.
4. Turn the valve ¼ turn (90°), so its lugs are aligned with the slots in the mount, then lift it out.

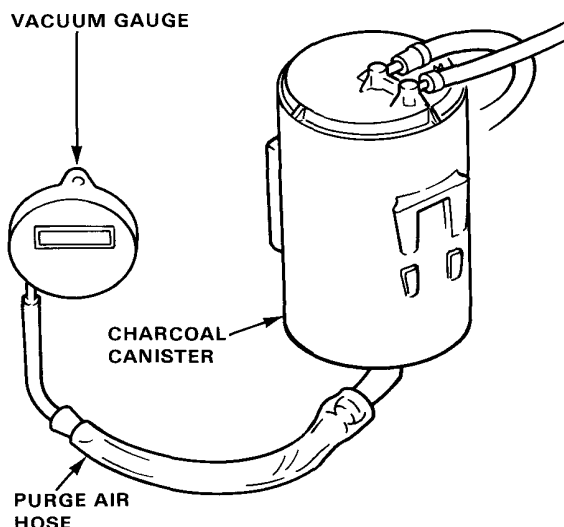


Evaporative Emission Control System



Charcoal Canister Check

1. Remove fuel filler cap.
2. Remove canister purge air hose from frame and connect hose to vacuum gauge as shown.

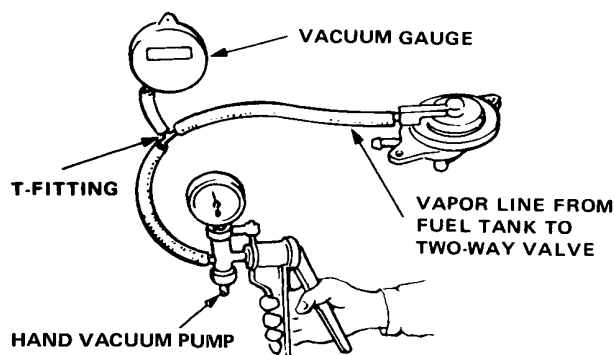


3. Start engine and raise speed to 3500 rpm. Vacuum should appear on gauge within 1 minute.
 - If no vacuum, disconnect vacuum gauge and reinstall fuel filler cap.
4. Remove charcoal canister and check for signs of damage or defects.
 - If defective, replace canister.

Evaporative Emission Control System

Two-way Valve Check

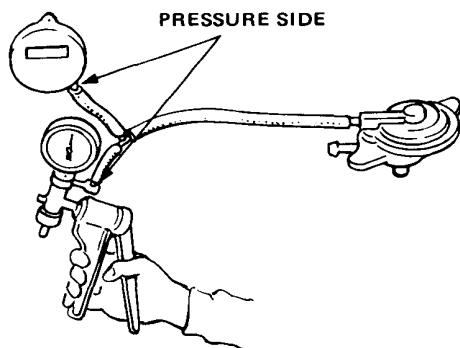
1. Remove the filler cap.
2. Remove vapor line from the fuel tank and connect to T-fitting from vacuum gauge and vacuum pump as shown.



3. Slowly draw a vacuum while watching the gauge.
Vacuum should stabilize at 5 to 15 mmHg (0.2 to 0.6 in.Hg).

- If vacuum stabilizes momentarily (two-way valve opens) between 5 and 15 mmHg (0.2 and 0.6 in.Hg), go on to Step 4.
- If vacuum stabilizes (valve opens) below 5 mmHg (0.2 in.Hg) or above 15 mmHg (0.6 in.Hg), install new valve and re-test.

4. Move hand pump hose from vacuum to pressure fitting, and move vacuum gauge hose from vacuum to pressure side as shown.



5. Slowly pressurize the vapor line while watching the gauge.

Pressure should stabilize at 10 to 25 mmHg (0.4 to 1.0 in.Hg).

- If pressure momentarily stabilizes (valve opens) at 10 to 25 mmHg (0.4 to 1.0 in.Hg), the valve is OK.
- If pressure stabilizes below 10 mmHg (0.4 in.Hg) or above 25 mmHg (1.0 in.Hg), install a new valve and re-test.