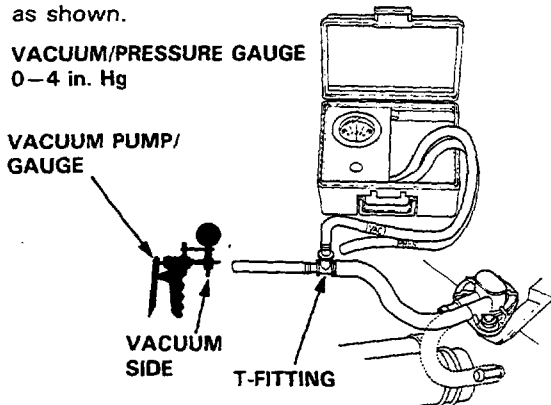




Evaporative Emission (EVAP) Two Way Valve

Testing

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

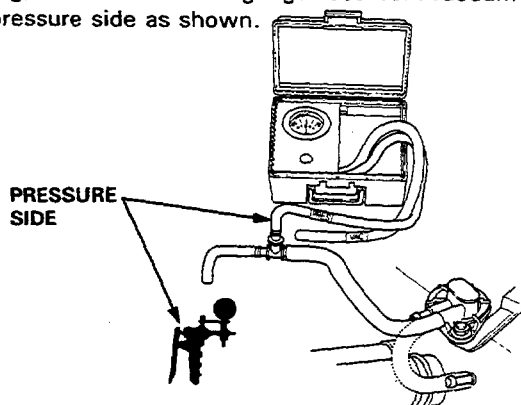


3. Apply vacuum slowly and continuously while watching the gauge.

Vacuum should stabilize momentarily at 0.7–2.0 kPa (5–15 mmHg, 0.2–0.6 in. Hg).

- If vacuum stabilizes (valve opens) below 0.7 kPa (5 mmHg, 0.2 in. Hg) or above 2.0 kPa (15 mmHg, 0.6 in. Hg), install new EVAP two way valve and retest.

4. Move vacuum 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 2.0–5.3 kPa (15–40 mmHg, 0.59–1.57 in. Hg).

- If pressure momentarily stabilizes (valve opens) at 2.0–5.3 kPa (15–40 mmHg, 0.59–1.57 in. Hg), the valve is OK.
- If pressure stabilizes below 2.0 kPa (15 mmHg, 0.59 in. Hg) or above 5.3 kPa (40 mmHg, 1.57 in. Hg), install a new EVAP two way valve and retest.