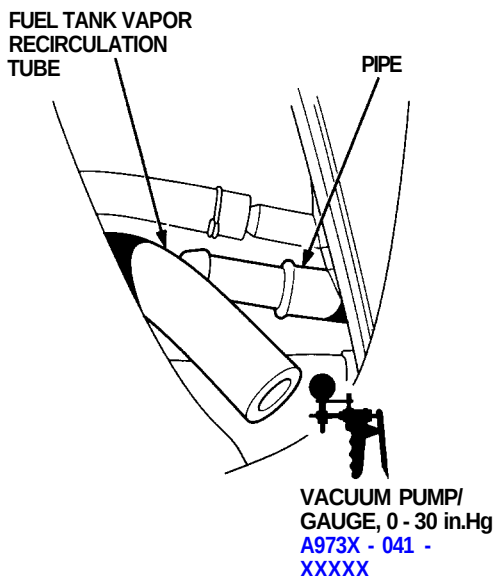




Fuel Tank Vapor Control Valve Test ('00-'04 model)

Float Test

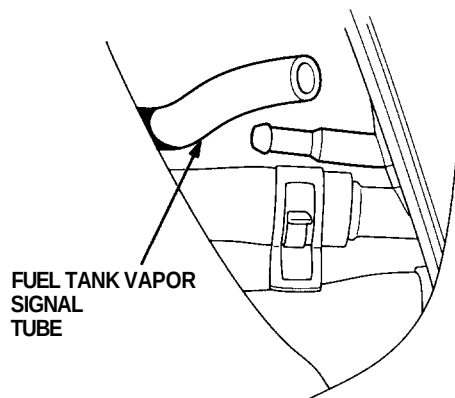
1. Make sure the fuel tank is less than half full.
2. Remove the fuel fill cap to relieve the fuel tank pressure, then reinstall the cap.
3. Remove the fuel hose joint protector. Disconnect the fuel tank vapor recirculation tube, and connect a vacuum pump to the vapor recirculation tube.



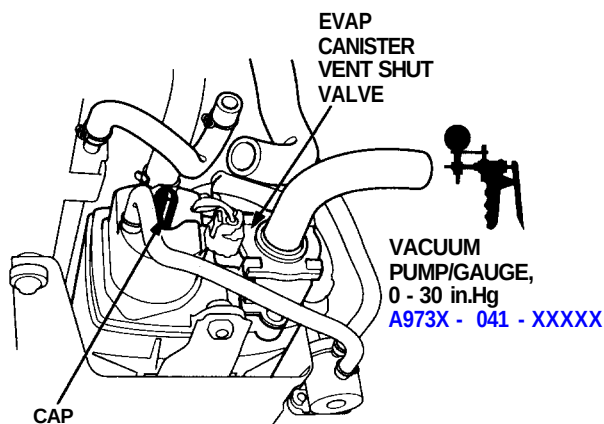
4. Plug the pipe.
5. Apply vacuum to the fuel tank vapor recirculation tube.
 - If the vacuum holds, replace the Fuel Tank Vapor Control valve (see page 11-204).
 - If the vacuum does not hold, the float is OK.

Valve Test

1. Make sure the fuel tank is less than half full.
2. Remove the fuel fill cap.
3. Remove the fuel hose joint protector. Disconnect the fuel tank vapor signal tube.



4. Disconnect the vacuum hose from the EVAP canister, and then plug the port with cap.



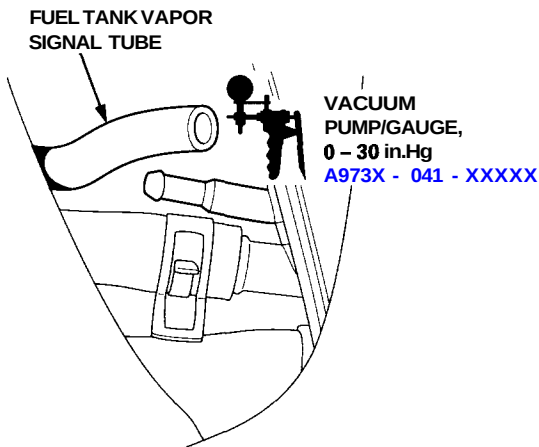
5. Disconnect the vacuum hose from the EVAP canister vent shut valve, and connect a vacuum pump to the vacuum hose.
6. Pump the vacuum pump 80 times.
 - If the vacuum holds, go to step 7.
 - If the vacuum does not hold, go to step 9.

(cont'd)

Emission Control System

Evaporative Emission (EVAP) Controls (cont'd)

7. Connect a second vacuum pump to the fuel tank vapor signal tube.



8. Apply vacuum (1 pump) to the fuel tank vapor signal tube, then check the vacuum on the pump in step 6.
 - If the vacuum holds, replace the Fuel Tank Vapor Control valve.
 - If the vacuum is released, the Fuel Tank Vapor Control valve is OK.
9. Disconnect the fuel tank vapor vent tube from the EVAP canister, then plug the port on the canister. Reapply vacuum (80 pumps).
 - If the vacuum holds, replace the Fuel Tank Vapor Control valve.
 - If the vacuum does not hold, inspect the EVAP canister vent shut valve O-ring. If the O-ring is OK, replace the EVAP canister and repeat step 4.