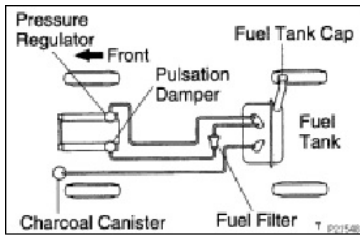


1996 Lexus LS400

Submodel: | Engine Type: V8 | Liters: 4.0

Fuel Delivery: FI | Fuel: GAS



EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM INSPECTION

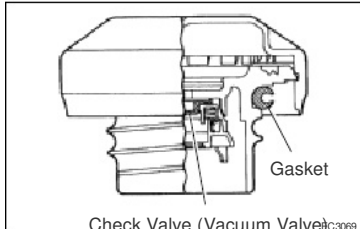
EC03X-03

1. VISUALLY INSPECT LINES AND CONNECTIONS

Look for loose connections, sharp bends or damage.

2. VISUALLY INSPECT FUEL TANK

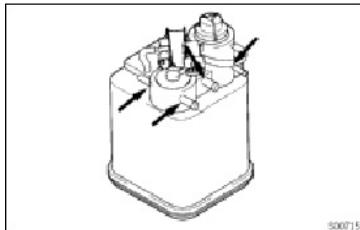
Look for deformation, cracks or fuel leakage.



3. VISUALLY INSPECT FUEL TANK CAP

Check if the cap and/or gasket are deformed or damaged.

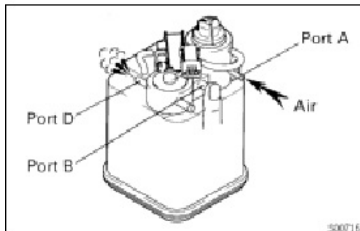
If necessary, repair or replace the cap.



4. REMOVE CHARCOAL CANISTER

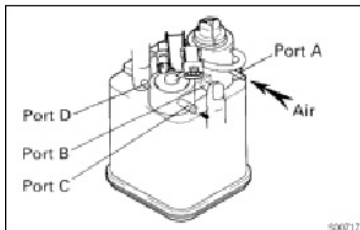
5. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.

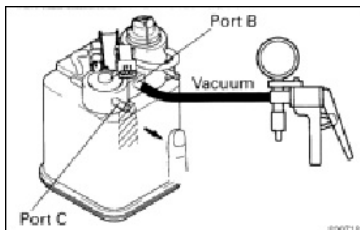


6. CHECK FOR CLOGGED FILTER, AND STUCK CHECK VALVE AND DIAPHRAGM

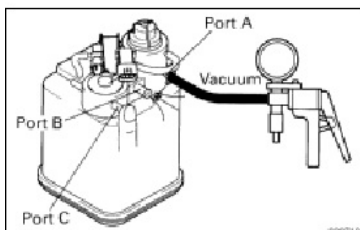
(a) While holding port B closed, blow air (1.76 kPa (18 gf/cm², 0.26 psi)) into port A and check that air flows from port D.



(b) While holding port B and port D closed, blow air (1.76 kPa (18 gf/cm², 0.26 psi)) into port A and check that air does not flow from port C.



(c) Apply vacuum (3.43 kPa (26 mmHg, 1.01 in.Hg)) to port B, check that the vacuum does not decrease when port C is closed, and check that the vacuum decreases when port C is released.



(d) While holding port C closed, apply vacuum (3.43 kPa (26 mmHg, 1.01 in.Hg)) to port A and check that air flows into port B.

If a problem is found, replace the charcoal canister.

7. REINSTALL CHARCOAL CANISTER

8. INSPECT VSV FOR EVAP

(See page [SF-60](#))

9. INSPECT VSV FOR VAPOR PRESSURE SENSOR

(See page [SF-61](#))

10. INSPECT VAPOR PRESSURE SENSOR

(See page [SF-65](#))