

# EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM INSPECTION

EC07A-04

## 1. VISUALLY INSPECT LINES AND CONNECTIONS

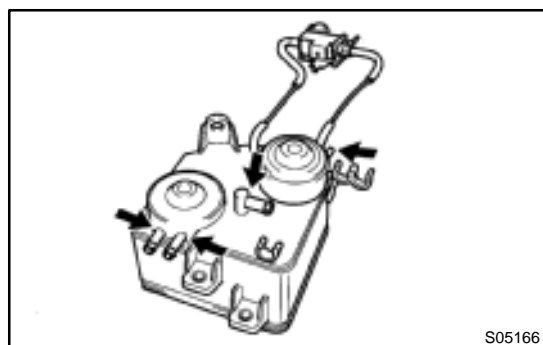
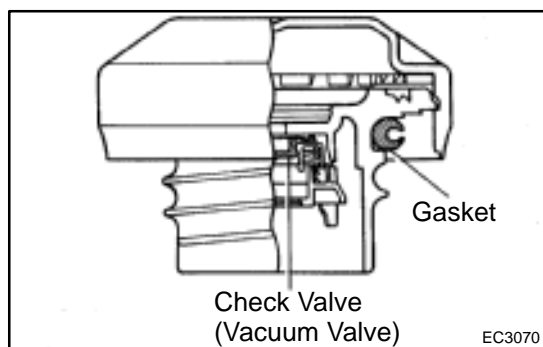
Look for loosen connections, sharp bends or damage.

## 2. VISUALLY INSPECT FUEL TANK

Look for deformation, cracks or fuel leakage.

## 3. VISUALLY INSPECT FUEL TANK CAP

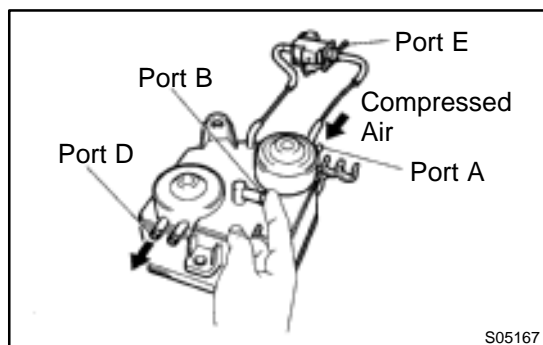
Check if the cap and or gasket are deformed or damaged. If necessary, repair or replace the cap.



## 4. DISCONNECT EVAP HOSES FROM CHARCOAL CANISTER

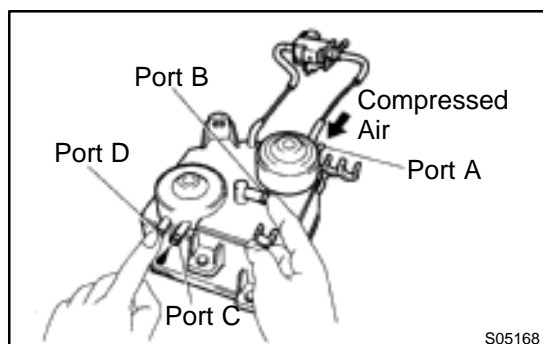
## 5. VISUALLY INSPECT CHARCOAL CANISTER

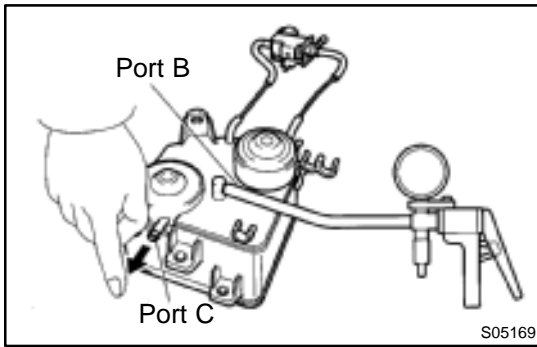
Look for cracks or damage.



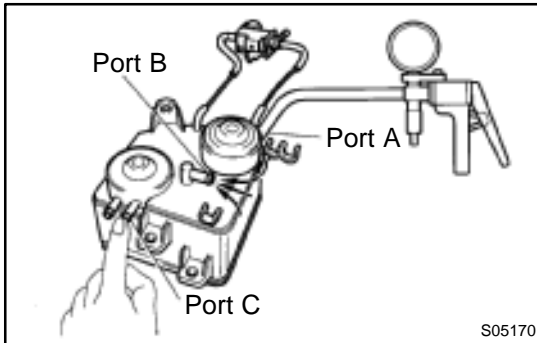
## 6. CHECK FOR CLOGGED FILTER, AND STUCK CHECK VALVE AND DIAPHRAGM

- Install a plug to port E.
- While holding port B closed, blow air (1.76 kPa, 18 gf/cm<sup>2</sup>, 0.26 psi) into port A and check that air flows from port D.
- While holding port B and port D closed, blow air (1.76 kPa, 18 gf/cm<sup>2</sup>, 0.26 psi) into port A and check that air does not flow from port C.





- (d) 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.



- (e) While holding port C closed, apply vacuum (1.23 kPa, 9.2 mmHg, 0.36 in.Hg) to port A and check that air flows into port B.

If a problem is found, replace the charcoal canister.

- (f) Remove the plug.

**7. RECONNECT EVAP HOSES**

**8. INSPECT VSV FOR EVAP (See page [SF-40](#))**

**9. INSPECT VSV FOR VAPOR PRESSURE SENSOR (See page [SF-42](#))**

**10. INSPECT VAPOR PRESSURE SENSOR (See page [SF-50](#))**