

# EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM INSPECTION

EC09L-01

## 1. VISUALLY INSPECT LINES AND CONNECTIONS

Look for loosen connections, sharp bends or damage.

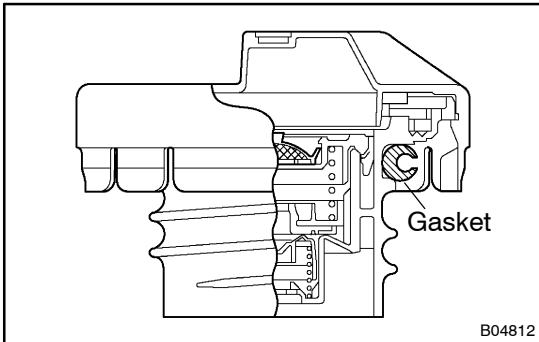
## 2. VISUALLY INSPECT FUEL TANK

Look for deformation, cracks or fuel leakage.

## 3. VISUALLY INSPECT FUEL TANK CAP

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

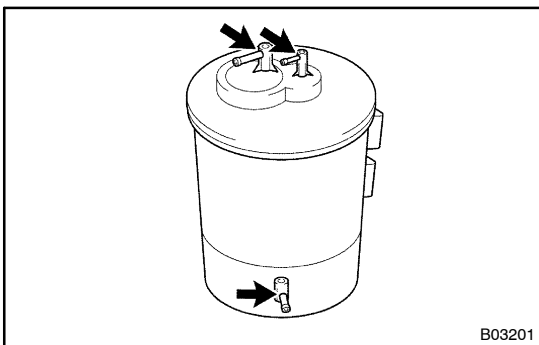
If necessary, repair or replace the cap.



## 4. REMOVE CHARCOAL CANISTER

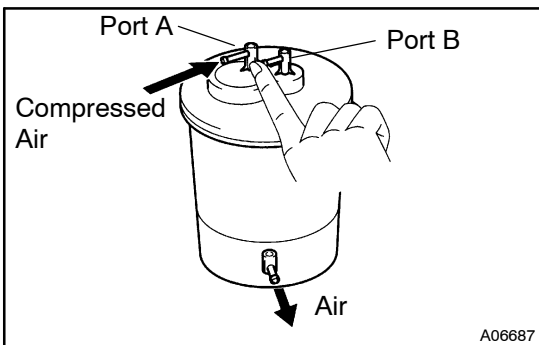
## 5. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.



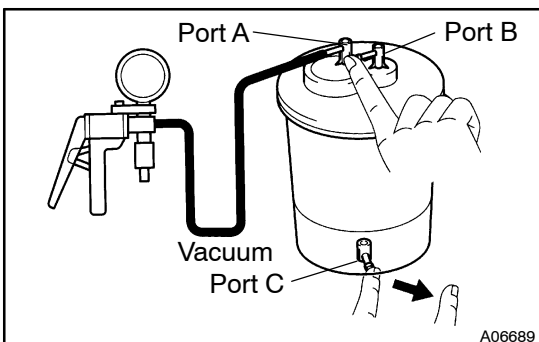
## 6. CHECK FOR CLOGGED FILTER, AND STUCK CHECK VALVE

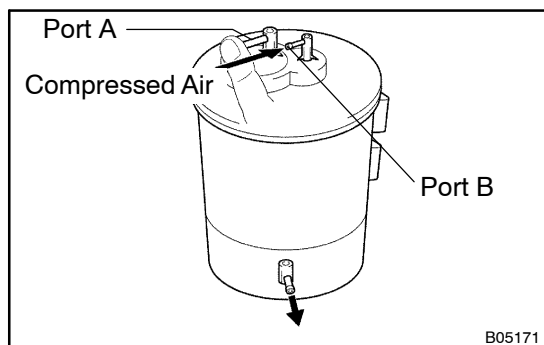
- (a) Using low pressure compressed air (4.71 kPa (48 gf/cm<sup>2</sup>, 0.68 psi)), when port B closed, blow into port A and check that air flows from the port C.



- (b) Apply vacuum (1.96 kPa (20 gf/cm<sup>2</sup>, 0.28 psi)) to port A, check that the vacuum does not decrease when port B and C are closed, and check that the vacuum decreases when port C is released.
- (c) Apply vacuum (9.32 kPa (51 gf/cm<sup>2</sup>, 1.37 psi)) to port B, check that the vacuum does not decrease when port A and C are closed, and check that the vacuum decreases when port C is released.

If a problem is found, replace the charcoal canister.



**7. CLEAN FILTER IN CANISTER**

Clean the filter by blowing 294 kPa (3 kgf/cm<sup>2</sup>, 43 psi) of compressed air into port B while holding port A closed.

**NOTICE:**

- **Do not attempt to wash the canister.**
- **No activated carbon should come out.**

**8. REINSTALL CHARCOAL CANISTER**