EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM

EC09L–01

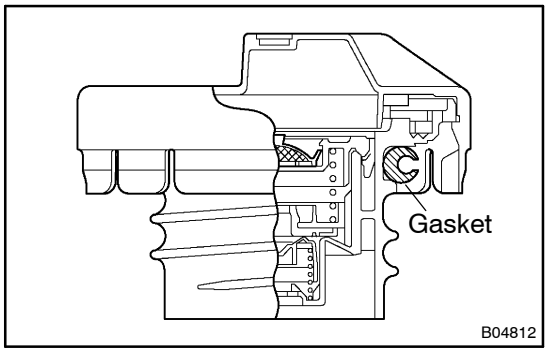
INSPECTION

1. VISUALLY INSPECT LINES AND CONNECTIONS

Look for loosen connections, sharp bends or damage.

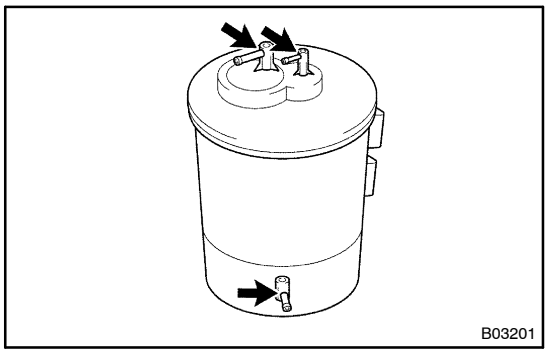
2. VISUALLY INSPECT FUEL TANK

Look for deformation, cracks or fuel leakage.



3. VISUALLY INSPECT FUEL TANK CAP

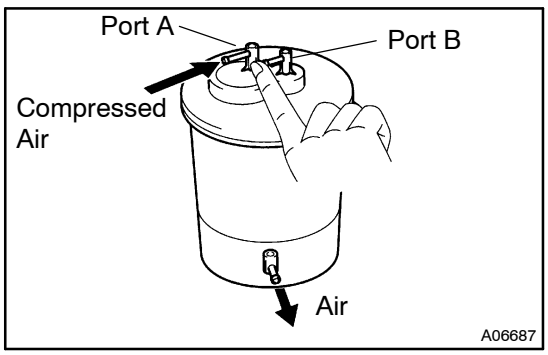
Check if the cap and/or gasket are deformed or damaged.
If necessary, repair or replace the cap.



4. REMOVE CHARCOAL CANISTER

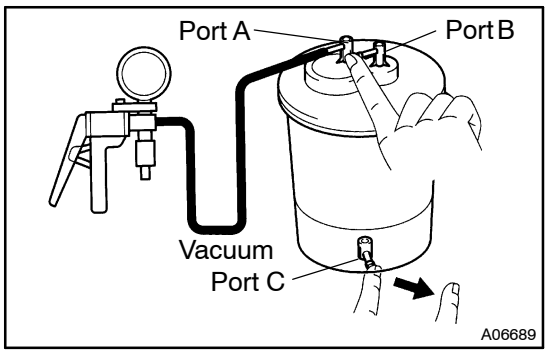
5. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.



6. CHECK FOR CLOGGED FILTER, AND STUCK CHECK VALVE

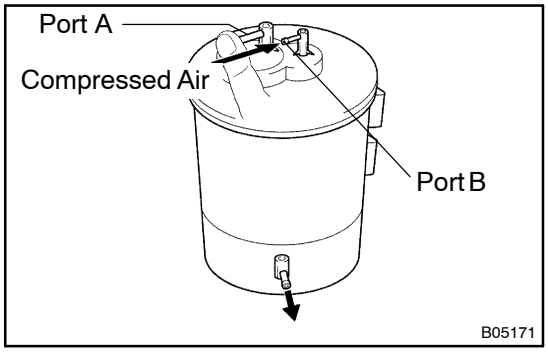
(a) Using low pressure compressed air (4.7 1 kPa (48 gf/cm^2, 0.68 psi)), when port B closed,blow into port A and check that air flows from the port C.



(b) Apply vacuum (1.96 kPa (20 gf/cm^2, 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 (5 1 gf/cm^2, 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^2, 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