EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM

EC0LO–01

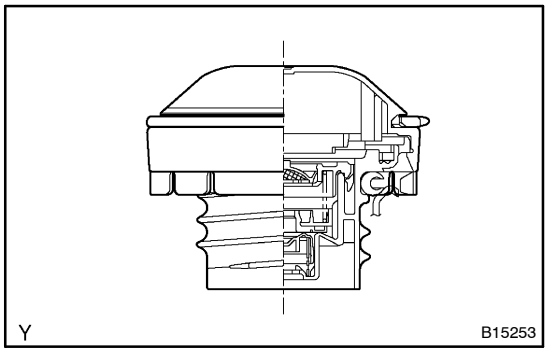
INSPECTION

1. INSPECT LINES AND CONNECTORS

Visually check for loose connections, sharp bends or damage.

2. INSPECT FUEL TANK FILLER PIPE

Visually check for deformation, cracks or fuel leakage.



3. INSPECT FUEL TANK CAP

Visually check if the cap and/or gasket are deformed or damaged.

If necessary, repair or replace the cap.

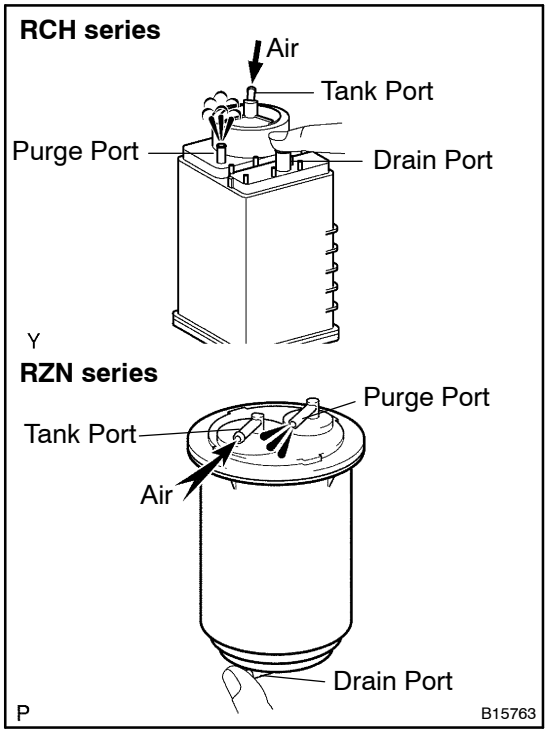
4. REMOVE CHARCOAL CANISTER ASSEMBLY

Disconnect the 2 hoses and pull up the canister.

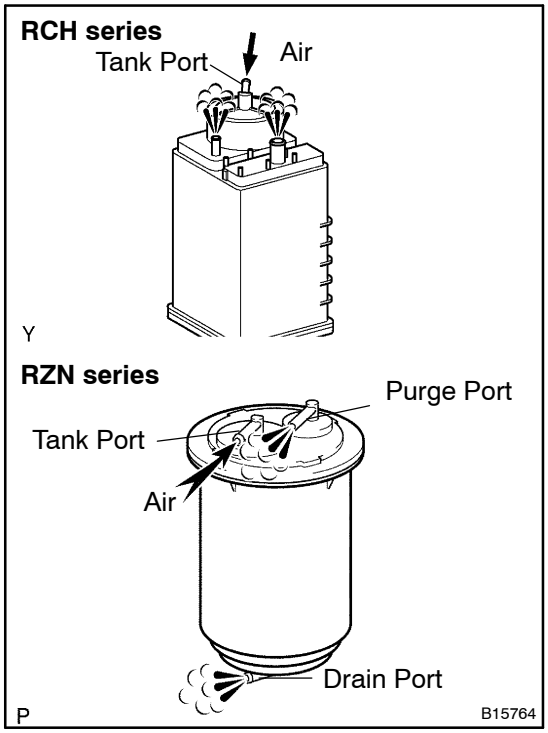
5. INSPECT CHARCOAL CANISTER

(a) RCH series:
Remove the charcoal canister cap.

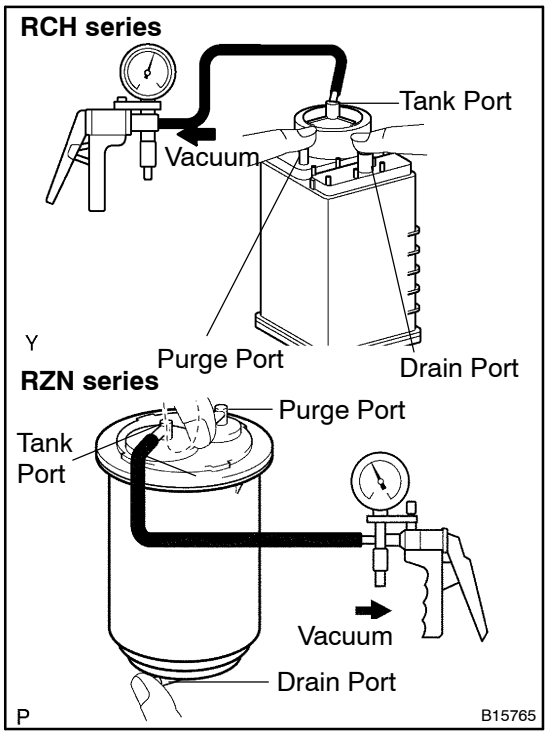
(b) Visually check the charcoal canister for cracks or damage.



(c) Inspect the charcoal canister operation.
(1) While holding the drain port closed, blow air (6.66 kPa (68 gf/cm^2, 0.96 psi)), into the tank port and check that air flows from the purge port.

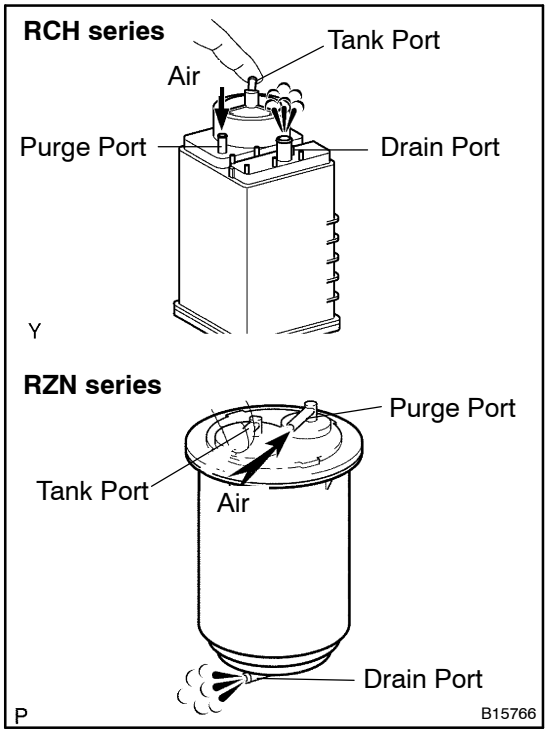


(2) Blow air (6.66 kPa (68 gf/cm^2, 0.96 psi)) into the tank port and check that air flows without resistance from the other ports.



(3) Apply vacuum (1.96 kPa (20 gf/cm^2, 0.28 psi)) to the tank port, check that the vacuum does not decrease when purge port and drain port are closed, and check that the vacuum decreases when the purge port is released.

If a problem is found, replace the charcoal canister.



6. CLEAN FILTER IN CANISTER

Clean the filter by blowing 19.6 kPa (0.2 kgf/cm^2, 2.8 psi) of compressed air into purge port while holding the tank port closed.

NOTICE:

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

7. REINSTALL CHARCOAL CANISTER