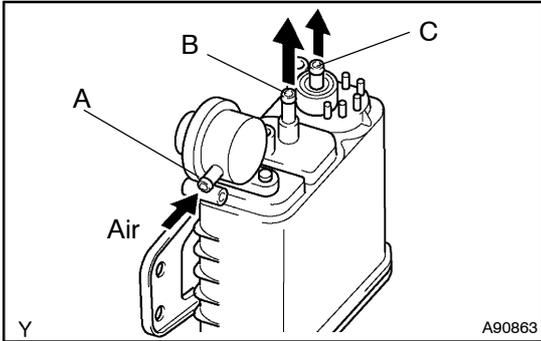


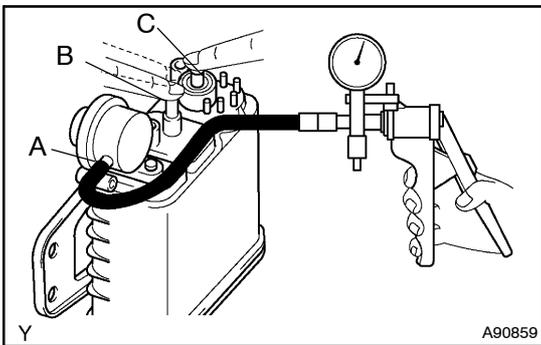
# INSPECTION



## 1. INSPECT CHARCOAL CANISTER ASSY

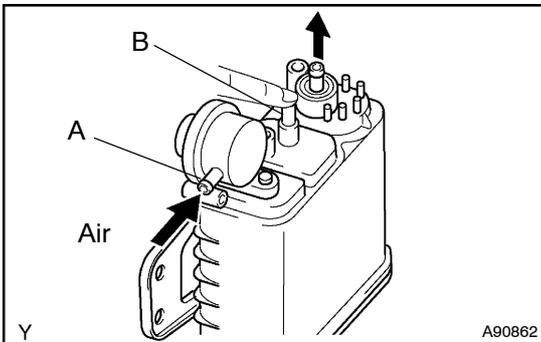
- Visually check the charcoal canister for cracks or damage.
- Blow 9.8 kPa (100 gf/cm<sup>2</sup>, 1.42 psi) of compressed air into port A and check that air flows without resistance from ports B and ports C.

If the result is not as specified, replace the charcoal canister assy.



- Apply a vacuum of 1.96 kPa (20 gf/cm<sup>2</sup>, 0.28psi) to port A. Check that the vacuum does not decrease when ports B and C are closed, and check that vacuum does not decrease when port B is released.

If the result is not as specified, replace the charcoal canister assy.

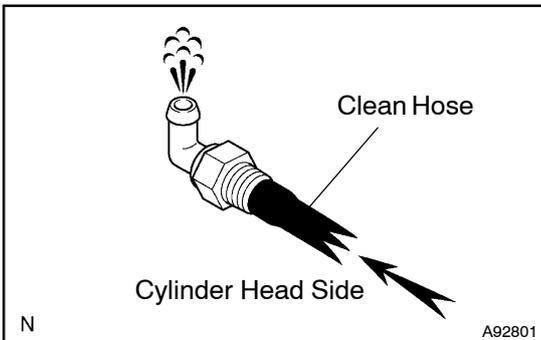


## 2. CLEAN FILTER IN CANISTER

- Clean the filter by blowing 19.6 kPa (200 gf/cm<sup>2</sup>, 2.8psi) of compressed air into port A while holding port B closed.

### NOTICE:

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

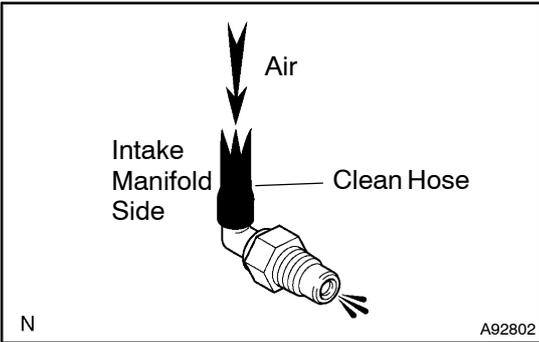


## 3. INSPECT VENTILATION VALVE SUB-ASSY

- Install a clean hose to the PCV valve.
- Check PCV valve operation.
  - Blow air from the cylinder head side of the PCV valve, and check that air passes through easily.

### CAUTION:

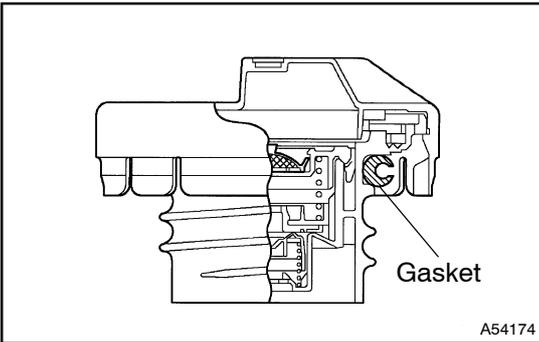
Do not suck air through the valve. Petroleum substances stuck to the valve are harmful.



- (2) Blow air into the intake manifold side of the PCV valve, and check that air passes through with difficulty.

If the result is not as specified, replace the PCV valve.

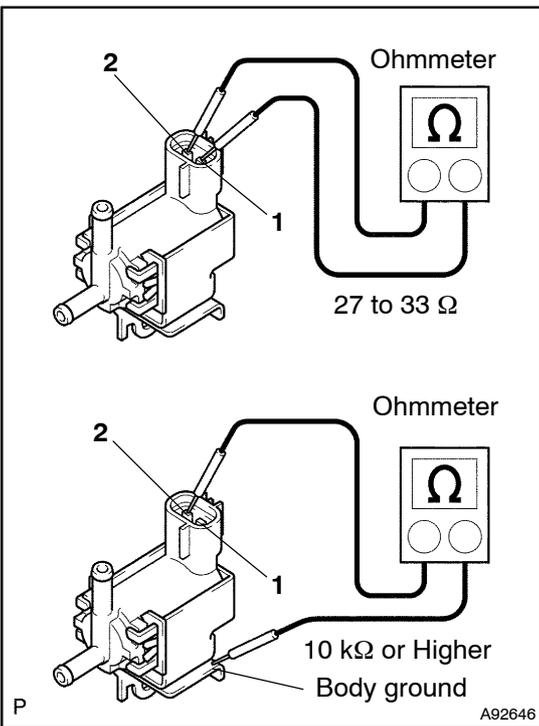
- (c) Remove the clean hose from the PCV valve.



**4. INSPECT FUEL TANK CAP ASSY**

- (a) Visually check if the cap and/or gasket are deformed or damaged.

If necessary, repair or replace the cap.



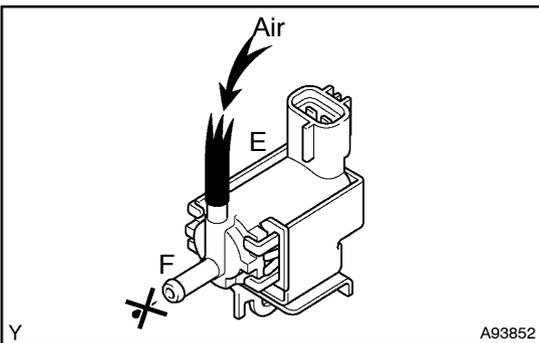
**5. INSPECT VACUUM SWITCHING VALVE ASSY FOR EVAP**

- (a) Measure the VSV resistance.

**Standard:**

Tester Connection	Specified Condition
1 - 2	27 to 33 Ω at 20°C (68°F)
1 - Body ground 2 - Body ground	10 kΩ or higher

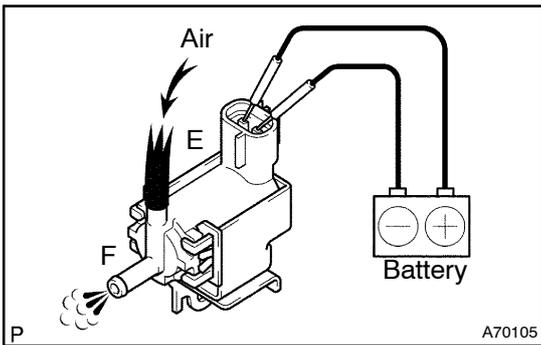
If the result is not as specified, replace the VSV assy.



- (b) Check VSV operation.

- (1) Check that air does not flow from port E to port F.

If the result is not as specified, replace the VSV assy.



(2) Apply battery positive voltage across the terminals.

(3) Check that air flows from port E to port F.

If the result is not as specified, replace the VSV assy.