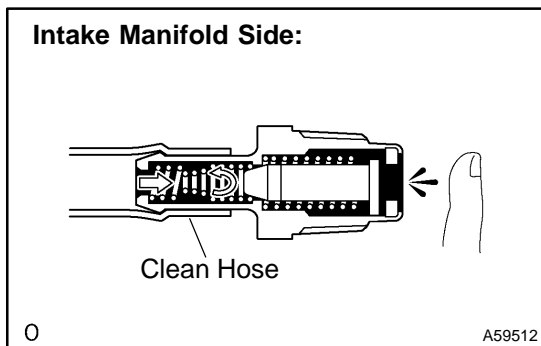
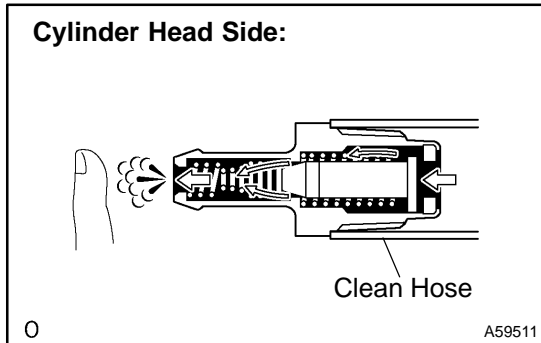


INSPECTION



1. INSPECT VENTILATION VALVE SUB-ASSY

- (a) Check the ventilation.
 - (1) Install a clean hose to the ventilation valve as illustration.
 - (2) Check that there is ventilation when air is applied from the cylinder head side.

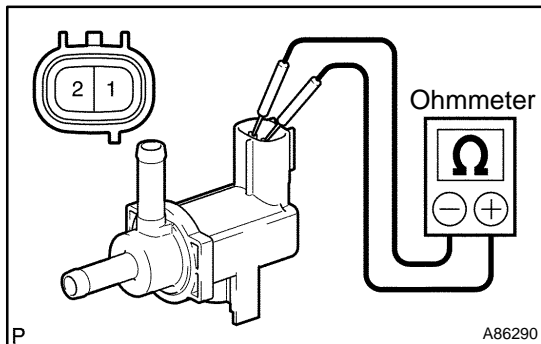
CAUTION:

Do not suck the air inside the ventilation valve because it is harmful.

If there is no ventilation, replace the ventilation valve.

- (3) Check that there no ventilation when air is applied from the intake manifold side.

If there is ventilation, replace the ventilation valve.



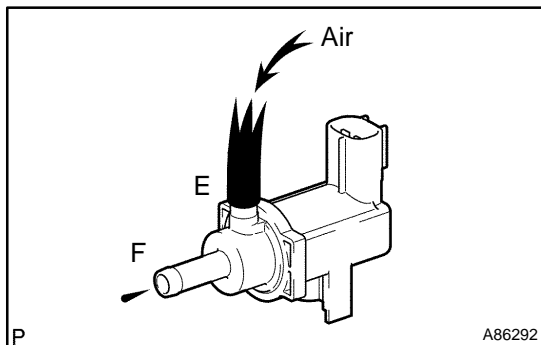
2. INSPECT VACUUM SWITCHING VALVE ASSY NO.2

- (a) Inspect the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

Tester Connection	Specified Condition
1 - 2	26 to 30 Ω at 20°C (68°F)

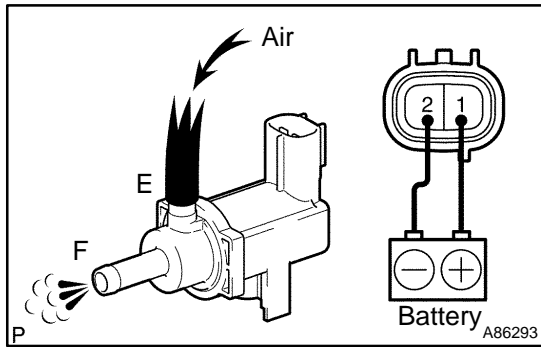
If the resistance is not as specified, replace the vacuum switching valve No. 2.



- (b) Check the ventilation.

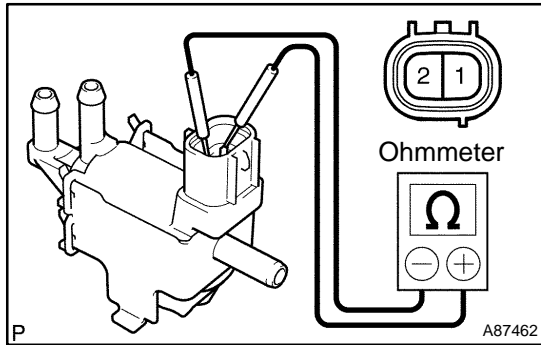
- (1) Check that there is no ventilation in port F when air is applied from port E.

If there is ventilation, replace the vacuum switching valve No. 2.



- (2) Apply battery voltage across the terminals.
- (3) Check that there is ventilation in port F when air is applied from port E.

If there is no ventilation, replace the vacuum switching valve No. 2.

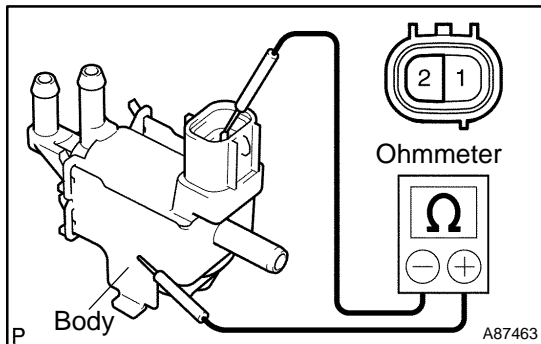


3. INSPECT CHARCOAL CANISTER VACUUM SWITCHING VALVE

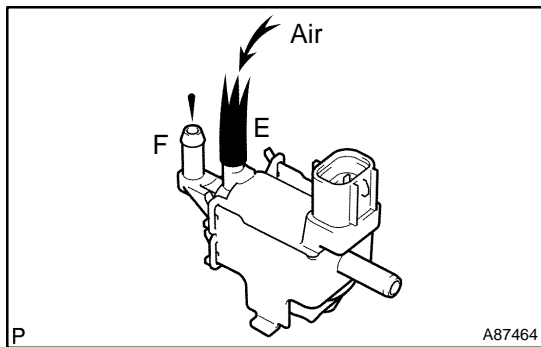
- (a) Inspect the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

Tester Connection	Specified Condition
1 – 2	36 to 42 Ω at 20°C (68°F)
1 – Body	10 kΩ or higher
2 – Body	10 kΩ or higher

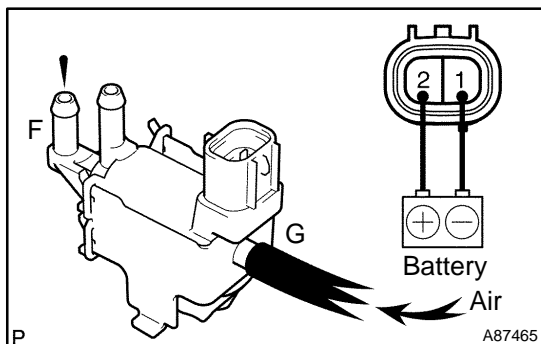


If the result is not as specified, replace the charcoal canister vacuum switching valve.



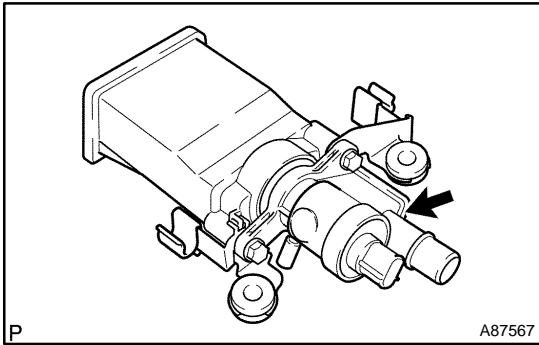
- (b) Check the ventilation.
 - (1) Check that there is no ventilation from port E to port F.

If there is ventilation, replace the charcoal canister vacuum switching valve.



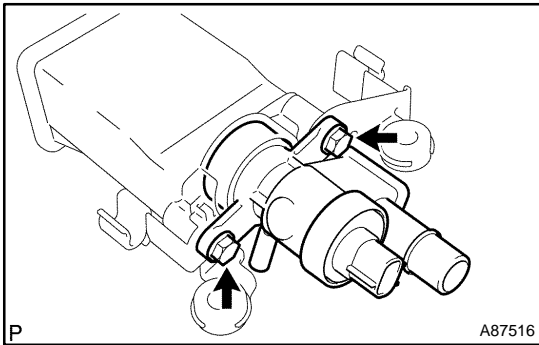
- (2) Apply battery voltage across the terminals.
- (3) Check that there is ventilation in port F when air is applied from port G.

If there is no ventilation, replace the charcoal canister vacuum switching valve.

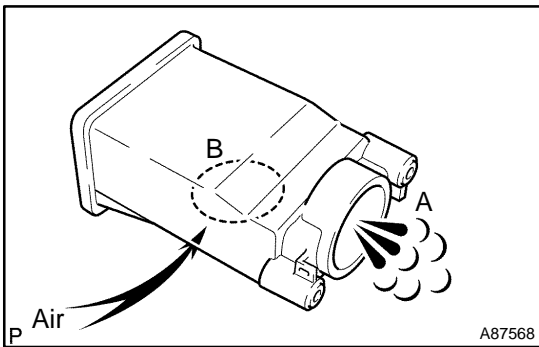


4. INSPECT TRAP W/OUTLET VALVE CANISTER ASSY

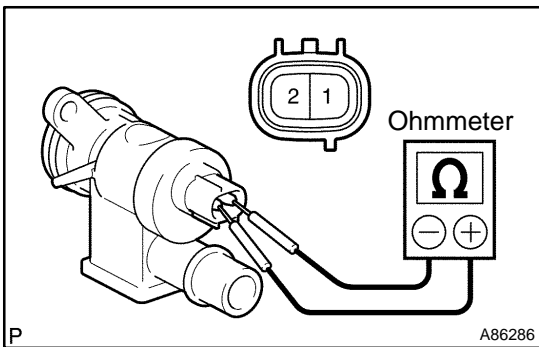
- (a) Check the appearance.
 - (1) Check that there are no cracks or damage on the indicated portion of the trap with outlet valve canister.
- If there are any defects, replace the trap with outlet valve canister.



- (b) Check the ventilation.
 - (1) Remove the 2 bolts and VSV for CCV (canister closed valve).



- (2) Check that there is ventilation in port B when air is applied from port A.
- If there is no ventilation, replace the trap with outlet valve canister.

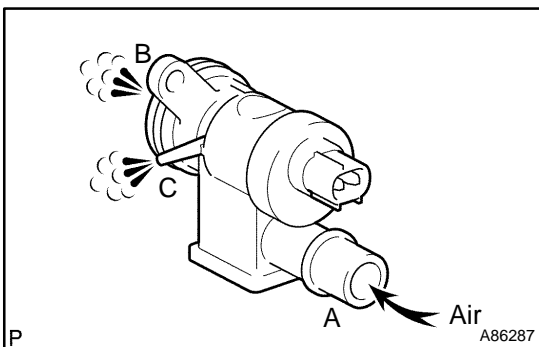


- (c) Inspect the VSV for CCV (canister closed valve).
 - (1) Inspect the resistance.
 - Using an ohmmeter, measure the resistance between the terminals.

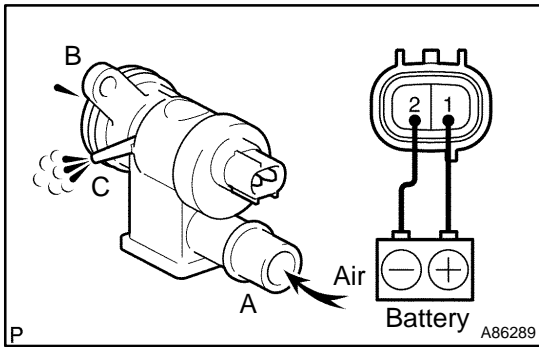
Standard:

Tester Connection	Specified Condition
1 - 2	25 to 30 Ω at 20°C (68°F)
1 - 2	32 to 40 Ω at 100°C (212°F)

If the resistance is not as specified, replace the trap with outlet valve canister.



- (2) Check the ventilation.
 - Check that there is ventilation in ports B and C when air is applied from por A.
- If there is no ventilation, replace the trap with outlet valve canister.

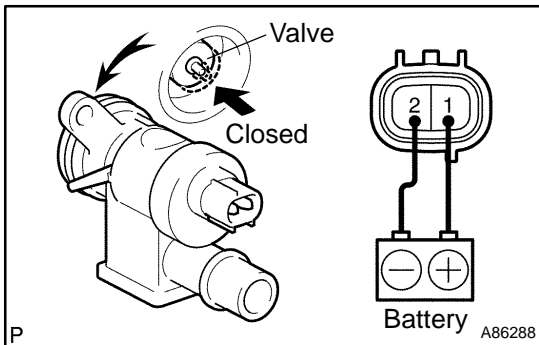


- Apply battery voltage across the terminals.
- Check that there is no ventilation in port B when air is applied from port A.

If there is ventilation, replace the trap with outlet valve canister.

- Apply battery voltage across the terminals.
- Check that there is ventilation in port C when air is applied from port A.

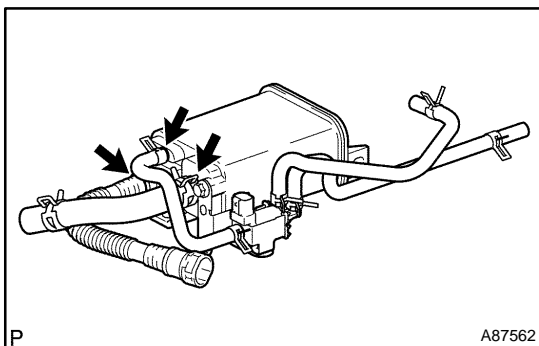
If there is no ventilation, replace the trap with outlet valve canister.



- Apply battery voltage across the terminals, then check that the valve closed.

If the valve does not close, replace the trap with outlet valve canister.

- (3) Install the VSV for CCV (canister closed valve) with the 2 bolts.

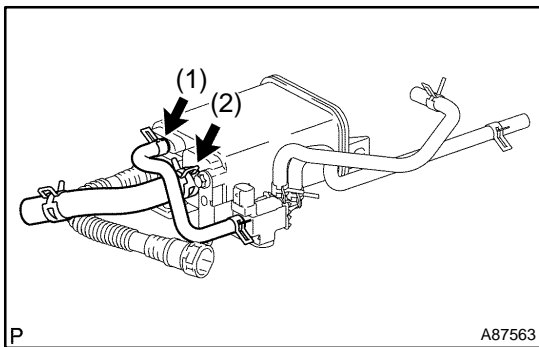


5. INSPECT CHARCOAL CANISTER ASSY

- (a) Check the appearance.

- (1) Check that there are no cracks or damage on the indicated portions of the charcoal canister.

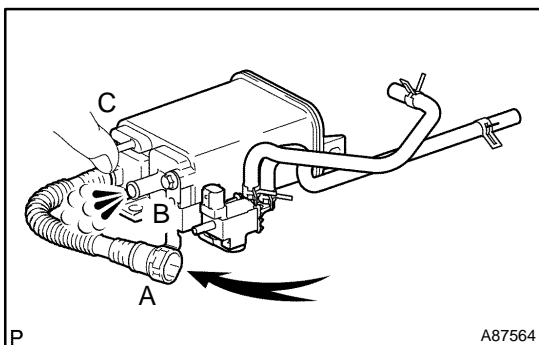
If there are any defects, replace the charcoal canister.



- (b) Check the ventilation.

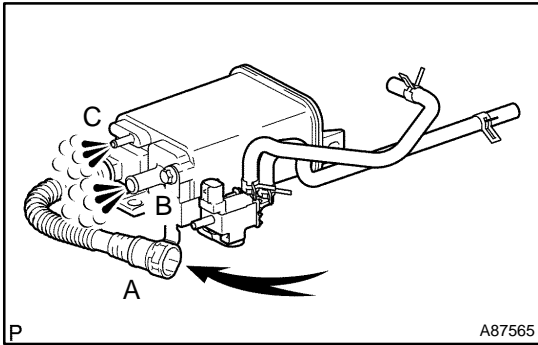
- (1) Disconnect the charcoal canister hose from the charcoal canister.

- (2) Remove the charcoal canister outlet hose No. 1 from the charcoal canister.



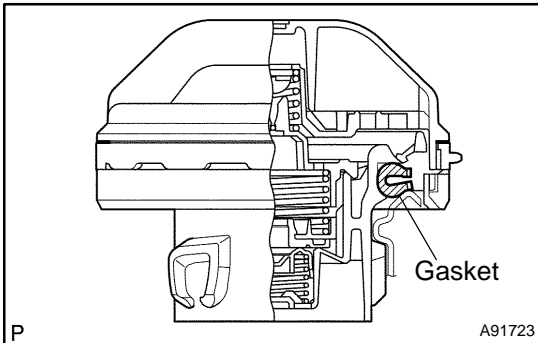
- (3) Check that there is ventilation in port B when air of 4.9 kPa (50 gf/cm², 0.71 psi) is applied to port A with the port C plugged with your finger.

If there is no ventilation, replace the charcoal canister.



- (4) Check that there is ventilation in ports B and C when air (4.9 kPa (50 gf/cm², 0.71 psi)) is applied to charcoal canister vent hose.

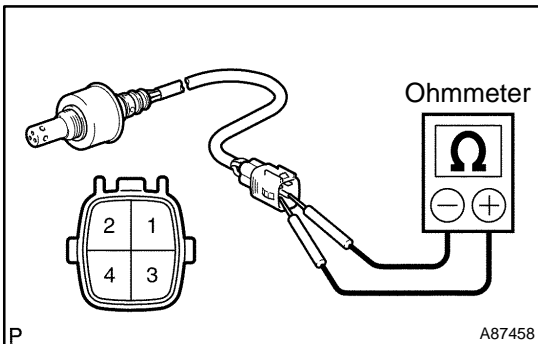
If there is no ventilation, replace the charcoal canister.



6. INSPECT FUEL TANK CAP ASSY

- (a) Check the appearance.
 - (1) Check that there is no deformation or damage on the fuel tank cap and gasket.

If there are any defects, replace the fuel tank cap.



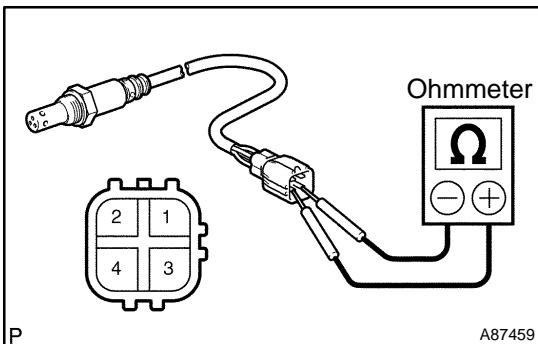
7. INSPECT AIR-FUEL RATIO SENSOR

- (a) Inspect the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

Tester Connection	Specified Condition
1 (HT) – 2 (+B)	1.8 to 3.4 Ω at 20°C (68°F)
2 (+B) – 4 (AF-)	10 kΩ or higher

If the result is not as specified, replace the air-fuel ratio sensor.



8. INSPECT HEATED OXYGEN SENSOR

- (a) Inspect the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

Tester Connection	Specified Condition
1 (HT) – 2 (+B)	11 to 16 Ω at 20°C (68°F)
1 (HT) – 4 (E)	10 kΩ or higher

If the result is not as specified, replace the heated oxygen sensor.