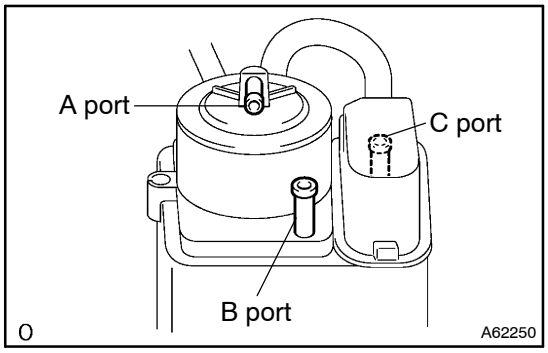
12035–01

INSPECTION

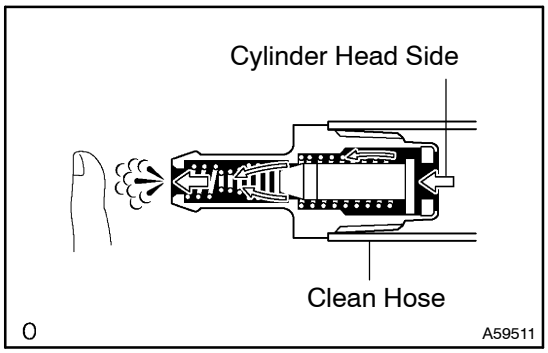


1. CHARCOAL CANISTER ASSY

(a) Inspect charcoal canister operation.
  (1) Check the charcoal canister operation according to the table below.

Criterion:

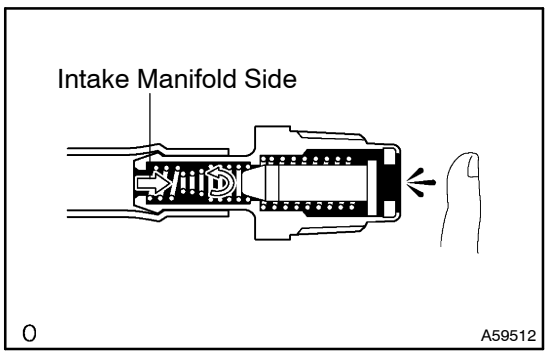
Checking way	Criterion
Close the port B and C, then apply vacuum to port A	No leak
Close the port C, then apply vacuum to port A	Air flows from the port B
Close the port C, then blow air into the port A	Air flows from the port B
Blow air into the port A	Air flows from both the port B and C



2. VENTILATION VALVE SUB–ASSY

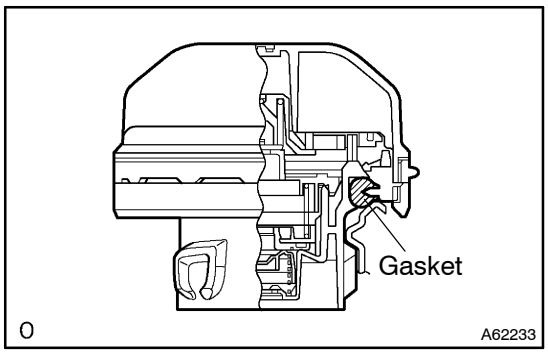
(a) Install clean hose to the PCV valve.
(b) Inspect the PCV valve operation.
  (1) Blow air into the cylinder head side, and check that air passes through easily.

CAUTION:
Do not suck air through the valve. Petroleum substances inside the valve air harmful.



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

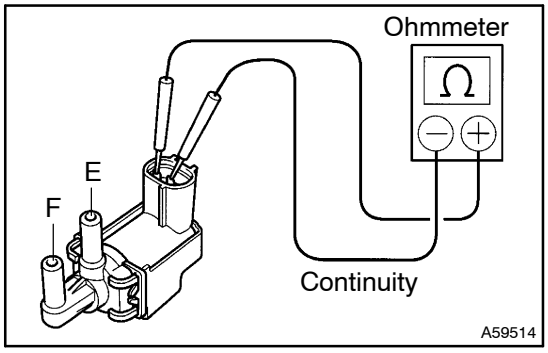
If operation is not as specified, replace the PCV valve.
(c) Remove clean hose from the PCV valve.



3. FUEL TANK CAP ASSY

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

If necessary, repair or replace the cap.



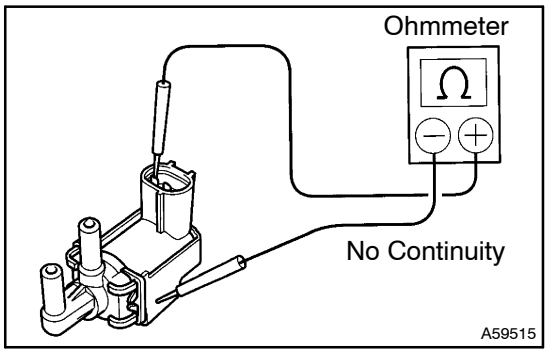
4. EMISSION CONTROL VALVE SET

(a) Inspect VSV for EVAP.

(1) Using an ohmmeter, check that there is continuity between the terminals.

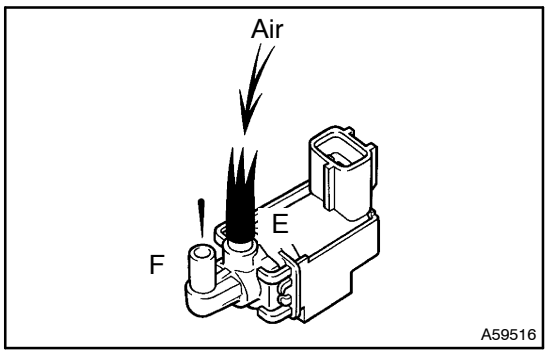
Resistance: 27 – 33 Ω at 20°C (68°F)

If there is no continuity, replace the VSV set.

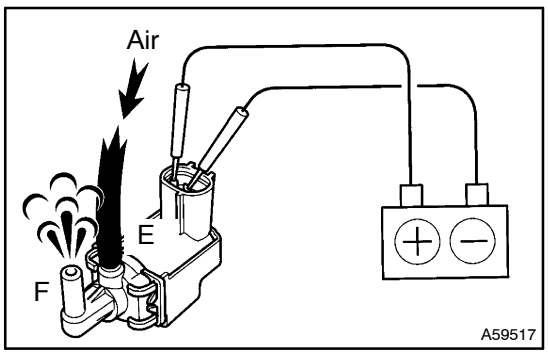


(2) Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV set.



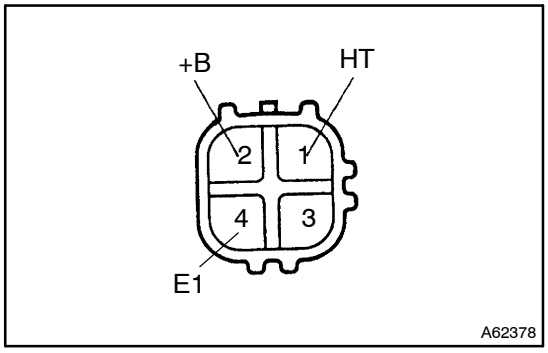
(3) Check that air flows with difficulty from ports E to F.



(4) Apply battery voltage across the terminals.

(5) Check that air flows from ports E to F.

If operation is not as specified, replace the VSV set.

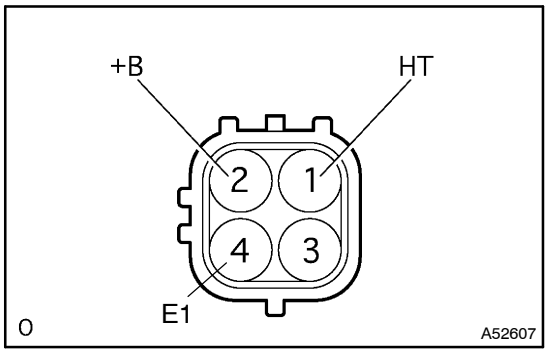


5. OXYGEN SENSOR
OXYGEN NO.2 SENSOR

(a) Using an ohmmeter, measure the resistance between the terminals.
Resistance:

Terminal No.	Resistance
1 (HT) ⇔ 2 (+B)	11 – 16 Ω at 20°C (68°F)
1 (HT) ⇔ 4 (E1)	No Continuity

If the resistance is not as specified, replace the sensor.



6. AIR FUEL RATIO SENSOR

(a) Using an ohmmeter, measure the resistance between the terminals.
Resistance:

Terminal No.	Resistance
1 (HT) ⇔ 2 (+B)	0.8 – 1.4 Ω at 20°C (68°F)
1 (HT) ⇔ 2 (+B)	1.8 – 3.2 Ω at 800°C (1,472°F)
1 (HT) ⇔ 4 (E1)	No Continuity

If the resistance is not as specified, replace the sensor.