EC0A8–01

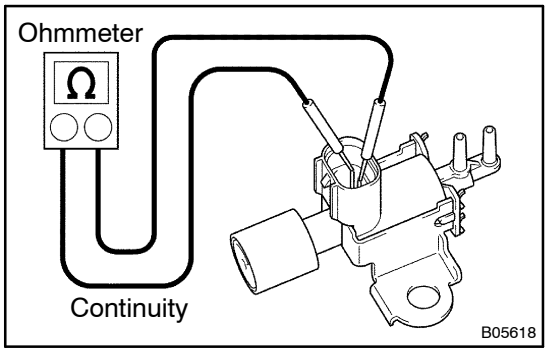
INSPECTION

1. INSPECT VSV FOR BACS

(a) Remove the VSV.

(1) Disconnect the 2 vacuum hoses from the VSV.

(2) Remove the bolt and VSV.

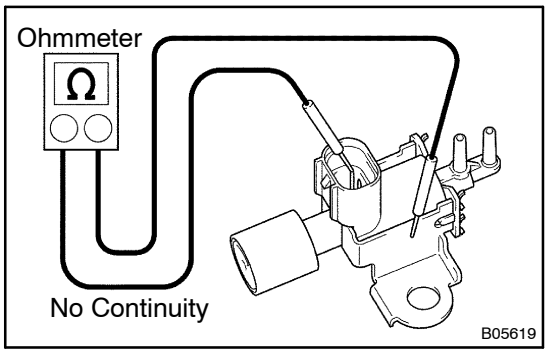


(b) Inspect the VSV for open circuit.

Using an ohmmeter, check that there is continuity between terminals.

Resistance: 135 – 155 Ω at 20°C (68°F)

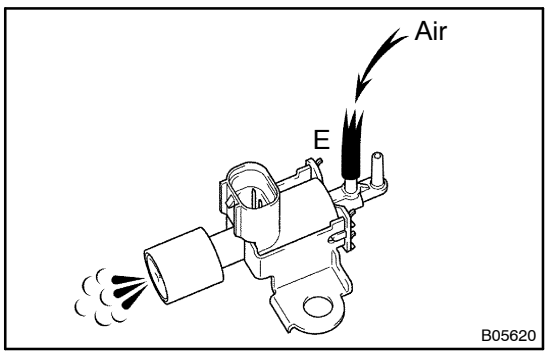
If there is no continuity, replace the VSV.



(c) Inspect the VSV for ground.

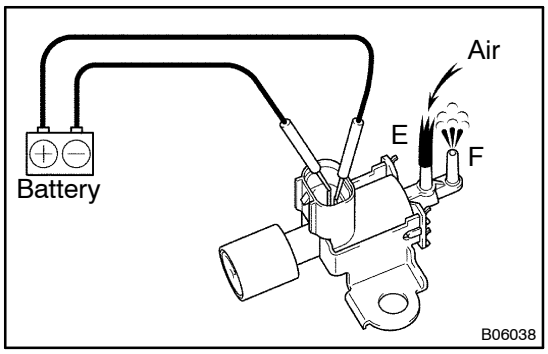
Check that there is no continuity between each terminals and body.

If there is continuity, replace the VSV.



(d) Inspect the VSV operation.

(1) Check that air flows from ports E to filter.



(2) Apply battery voltage across the terminals.

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

If operation is not specified, replace the VSV.

(e) Reinstall the VSV.

(1) Install the VSV with the bolt.

(2) Reconnect the 2 vacuum hoses.

2. INSPECT VACUUM PUMP (See page EC–6)

3. INSPECT E–VRV FOR EGR (See page EC–10)

4. INSPECT VACUUM SENSOR (See page EC–6)