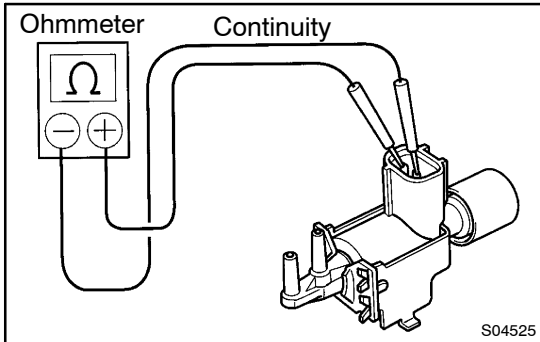


## INSPECTION

### 1. REMOVE VSV

- Disconnect the 2 vacuum hoses from the VSV.
- Remove the bolt and VSV.

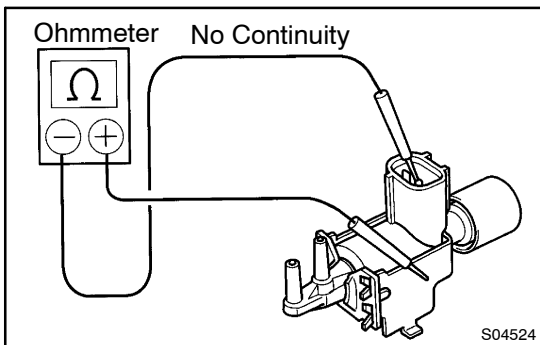


### 2. INSPECT VSV FOR OPEN CIRCUIT

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

**Resistance: 33 – 39  $\Omega$  at 20°C (68°F)**

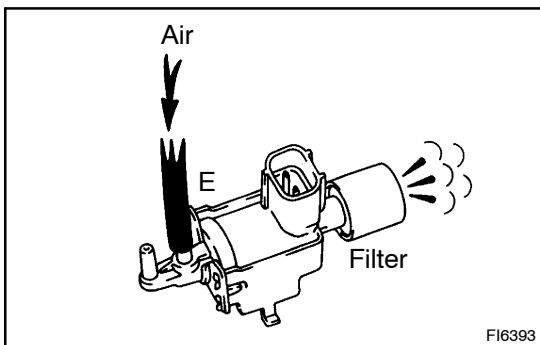
If there is no continuity, replace the VSV.



### 3. INSPECT VSV FOR GROUND

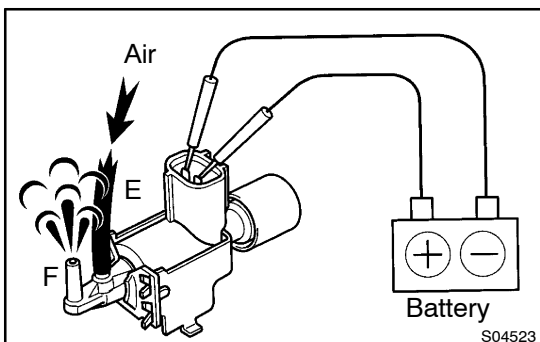
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.



### 4. INSPECT VSV OPERATION

- Check that air flows from port E to the filter.



- Apply battery voltage across the terminals.

- Check that air flows from port E to port F.
- If operation is not as specified, replace the VSV.

### 5. REINSTALL VSV

- Install the VSV with the bolt.
- Connect the 2 vacuum to the VSV.