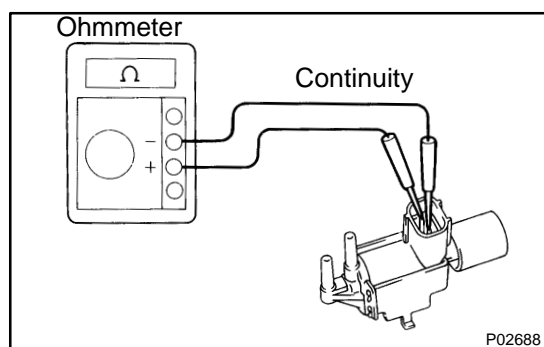


## INSPECTION

1. REMOVE VACUUM TANK AND VSV ASSEMBLY (See page SF-58)
2. REMOVE VSV

Remove the screw, vacuum hose and VSV.

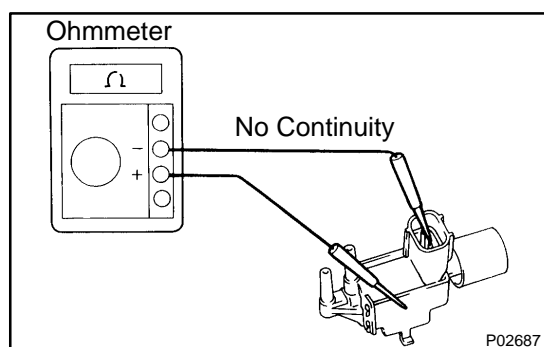


### 3. INSPECT VSV

- (a) Inspect the VSV for open circuit.  
Using an ohmmeter, check that there is continuity between the terminals.

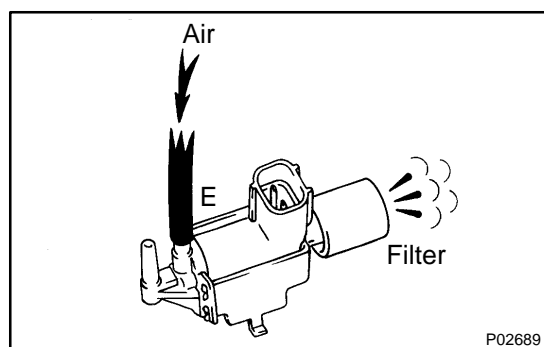
**Resistance: 38.5 – 44.5  $\Omega$  at 20°C (68°F)**

If there is no continuity, replace the VSV.

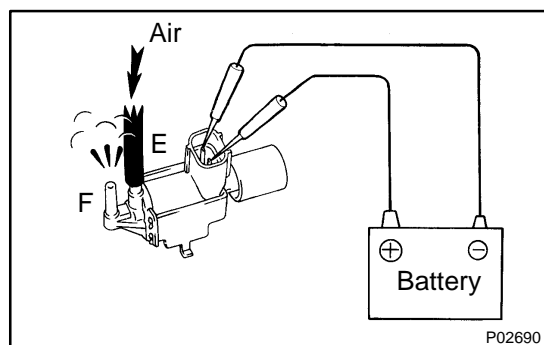


- (b) Inspect the VSV for ground.  
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.



- (c) Inspect the VSV operation.  
(1) Check that air flows from port E to the filter.



- (2) Apply battery positive voltage across the terminals.
- (3) Check that air flows from ports E to F.

If operation is not as specified, replace the VSV.

### 4. REINSTALL VSV

- (a) Install the VSV with the screw to the vacuum tank.
- (b) Install the vacuum hose.

### 5. REINSTALL VACUUM TANK AND VSV ASSEMBLY (See page SF-62)