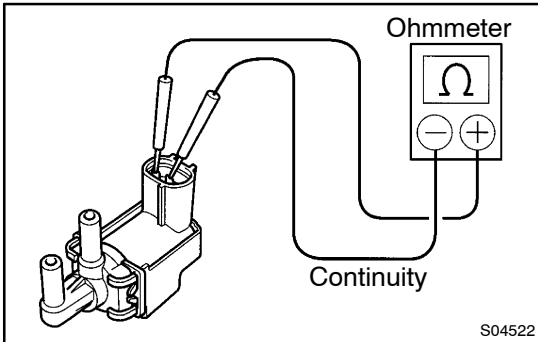


INSPECTION

1. REMOVE AIR CLEANER INLET
 2. REMOVE AIR CLEANER ASSEMBLY
 3. REMOVE VSV AND BRACKET ASSEMBLY
- Remove the 3 bolts, the VSV and bracket assembly.

4. REMOVE VSV

- (a) Disconnect the 2 EVAP hoses from the VSV.
- (b) Remove the screw and VSV.

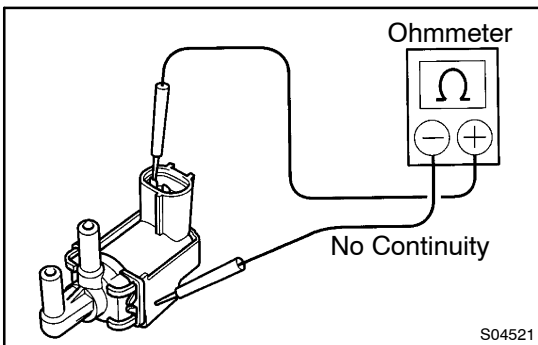


5. INSPECT VSV FOR OPEN CIRCUIT

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

Resistance: 27 – 33 Ω at 20°C (68°F)

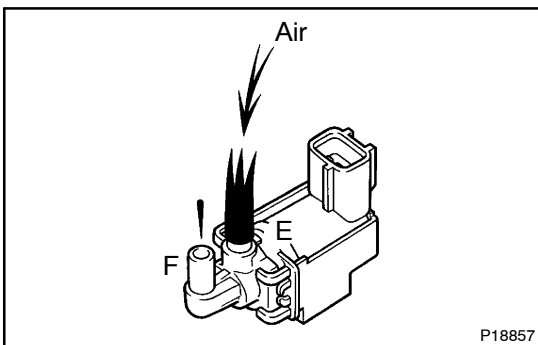
If there is no continuity, replace the VSV.



6. INSPECT VSV FOR GROUND

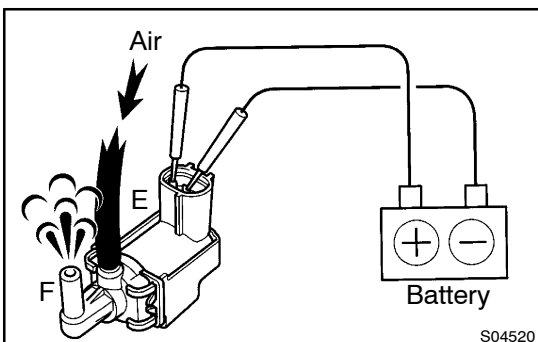
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.



7. INSPECT VSV OPERATION

- (a) Check that air flows with difficulty from port E to port F.



- (b) Apply battery voltage across the terminals.

- (c) Check that air flows from port E to port F.

If operation is not as specified, replace the VSV.

8. REINSTALL VSV

- (a) Install the VSV with the screw.
- (b) Connect the 2 EVAP hoses to the VSV.

9. INSTALL VSV AND BRACKET ASSEMBLY

Install the VSV and bracket assembly with the 3 bolts.

Torque: 7.5 N·m (75 kgf·cm, 66 in·lbf)

10. INSTALL AIR CLEANER ASSEMBLY

11. INSTALL AIR CLEANER INLET