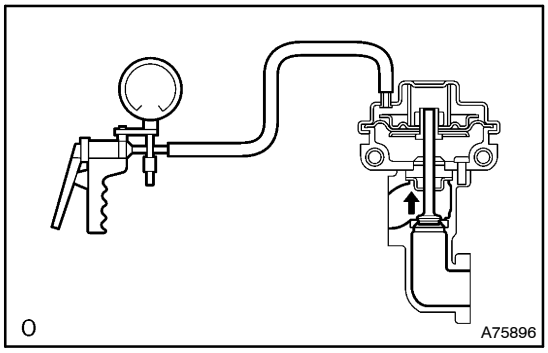
INSPECTION



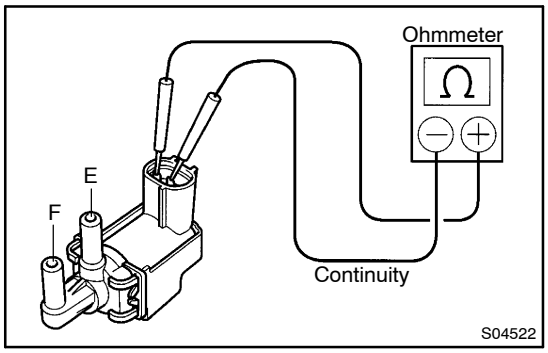
1. EGR VALVE ASSY

(a) Inspect the EGR Valve operation.

(1) When a vacuum of 26.7 kPa (200 mmHg, 7.87 in.HG) is applied to the diaphragm chamber, check that the shaft rises up and that air flows from IN to OUT.

(2) Maintain the above conditions, and check again that there are no leaks.

(3) Check the valve for sticking and heavy carbon deposits.



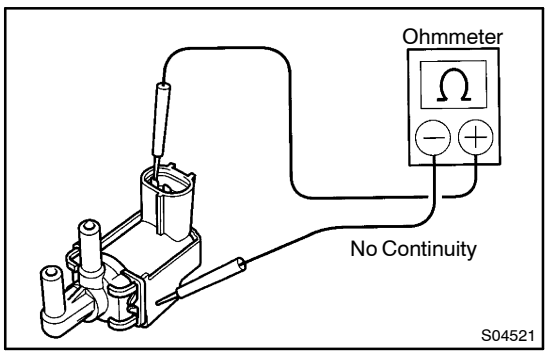
2. VACUUM SWITCHING VALVE NO.2

(a) Inspect VSV for EVAP.

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

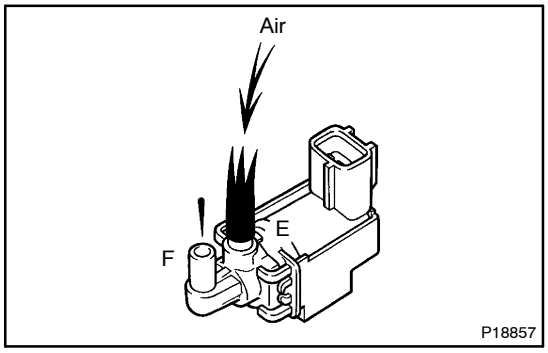
Resistance: 33 – 39 Ω at 20°C (68°F)

If there is no continuity, replace the VSV set.

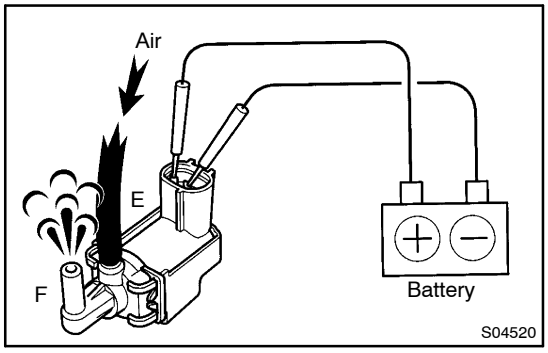


(2) Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV set.



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



(4) Apply better voltage across the terminals.
(5) Check that air flows from ports E to F.

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