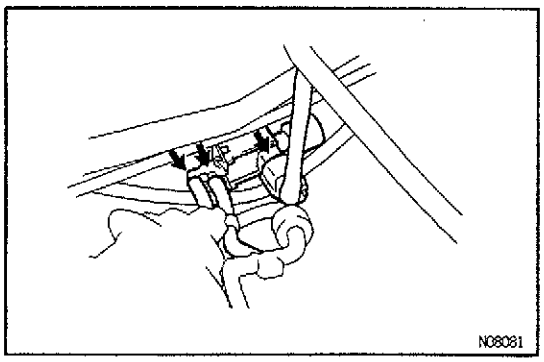
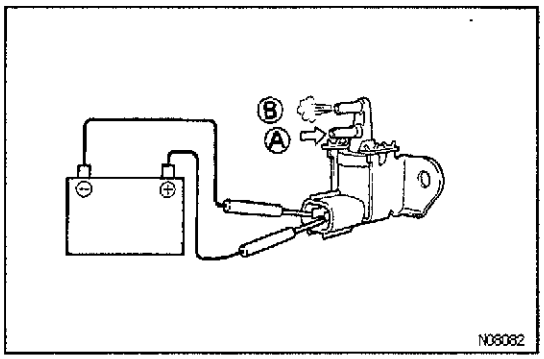



# VACUUM SWITCHING VALVE (VSV)
AC0U9-01

## VSV INSPECTION

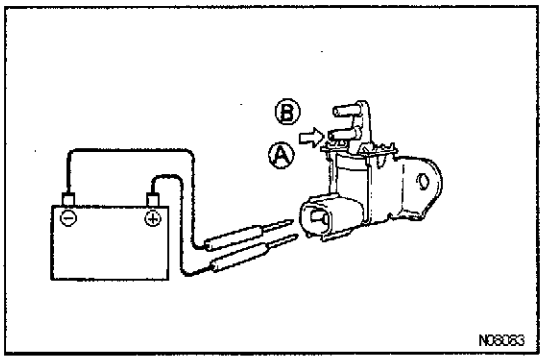
### 1. REMOVE VSV

(a) Disconnect the vacuum hoses and the connector from the VSV.
(b) Remove the bolt and the VSV.

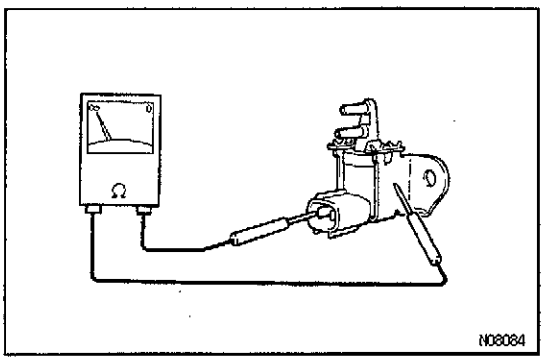



### 2. CHECK VACUUM CIRCUIT CONTINUITY IN VSV BY BLOWING AIR INTO PIPES

(a) Connect the VSV terminals to the battery terminals as illustrated.
(b) Blow into pipe "A" and check that air comes out of pipe "B".

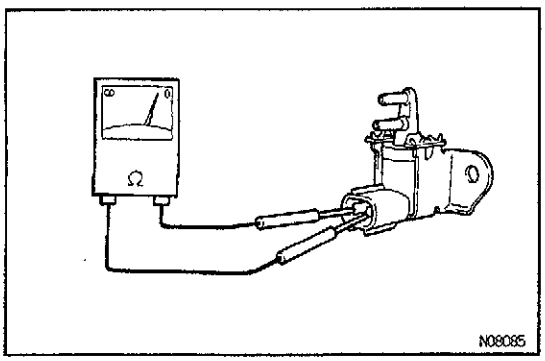



(c) Disconnect the battery.
(d) Blow into pipe "A" and check that air does not come out of pipe "B".
If a problem is found, replace the VSV.




### 3. CHECK FOR SHORT CIRCUIT

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




### 4. CHECK FOR OPEN CIRCUIT

Using an ohmmeter, measure the resistance between the 2 terminals.
**Resistance:**
**143.5 Ω**
If resistance value is not as specified, replace the VSV.