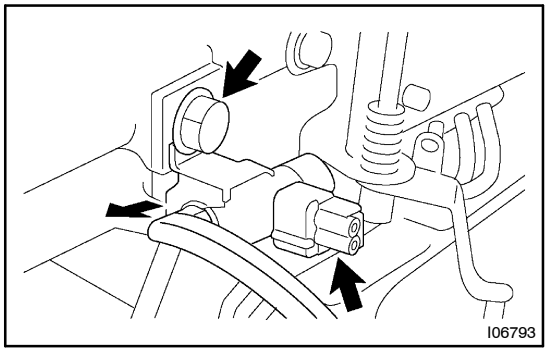


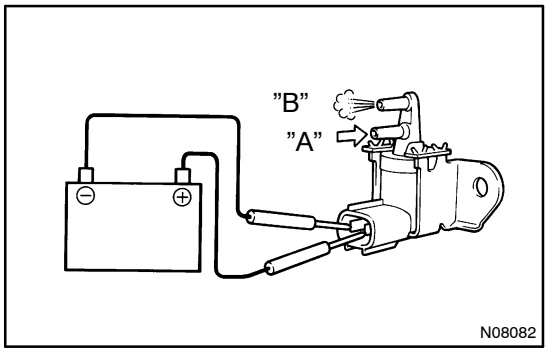
VACUUM SWITCHING VALVE (VSV) (1HZ, 1HD–T)

AC1UF–01

INSPECTION

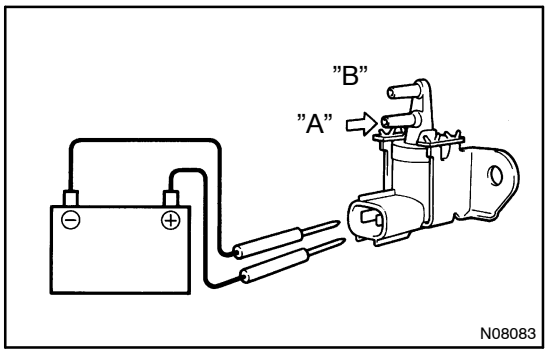
1. REMOVE VSV

(a) Disconnect the connector and 2 hoses.
(b) Remove the bolt and VSV.



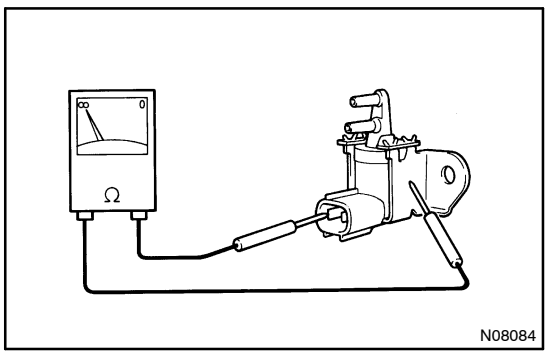
2. CHECK VACUUM CIRCUIT CONTINUITY IN VSV BY BLOWING AIR INTO PIPES

(a) Connect the VSV terminals to the battery terminals, as shown in the illustration.
(b) Blow air into pipe ”A” and check that air comes out of pipe ”B”.



(c) Disconnect the battery.
(d) Blow air into pipe ”A” and check that air does not come out of pipe ”B”.

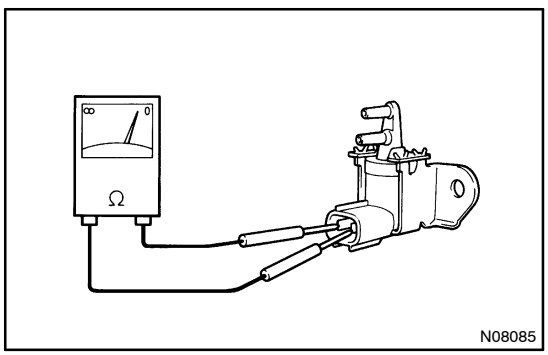
If a problem is found, replace the VSV.



3. CHECK FOR SHORT CIRCUIT

Using an ohmmeter, check that no continuity exists between each terminals and the VSV body.

If continuity exists, replace the VSV.



4. CHECK FOR OPEN CIRCUIT

Using an ohmmeter, measure resistance between terminals.

Standard resistance: Approx. 143.5 Ω

If resistance is not as specified, replace the VSV.

5. INSTALL VSV

(a) Install the bolt with VSV.
(b) Connect the connector and 2 hoses.