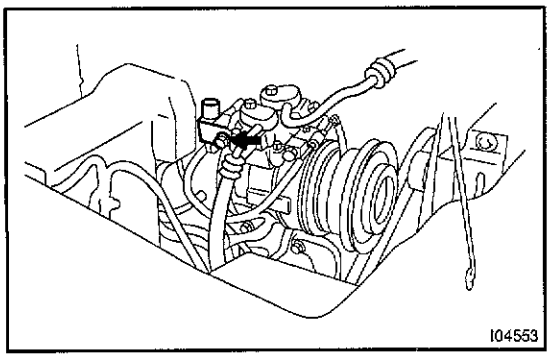


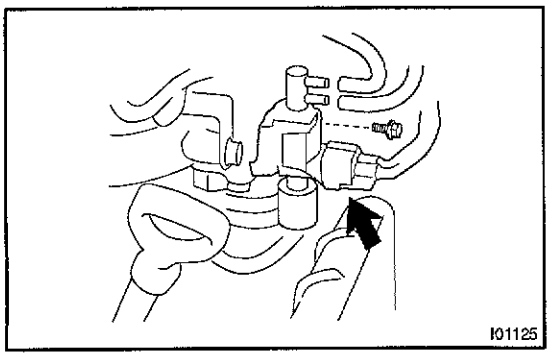
VACUUM SWITCHING VALVE (VSV)

AC0KZ-01

REMOVAL

1. **L Series Engine Models:**
   REMOVE VSV

(a) Disconnect the 2 hoses and connector from the VSV.
(b) Remove the bolt and VSV.
Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

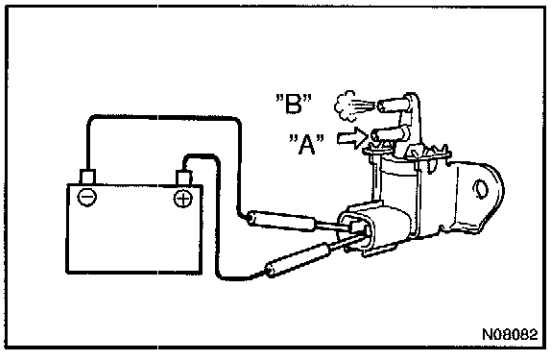


2. **RZ Series Engine Models:**
   REMOVE VSV

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

AC0L0-01

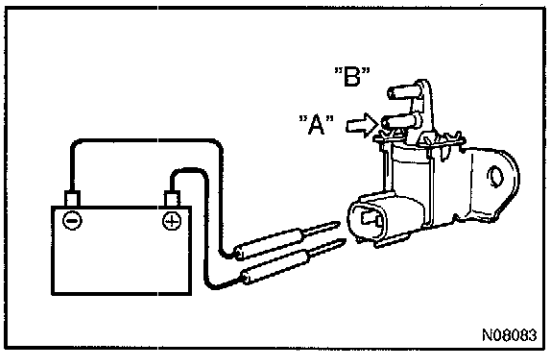
INSPECTION



1. 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.

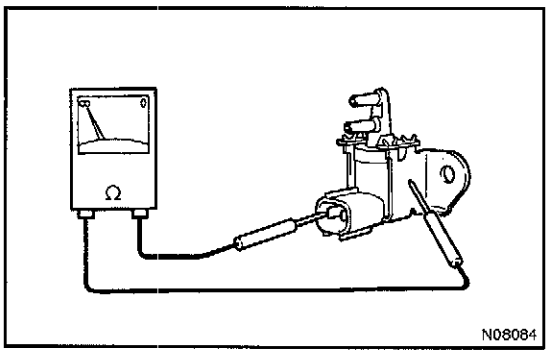
(b) Blow air into pipe "A" and check that air comes out of pipe "B".



(c) Disconnect the battery.

(d) Blow air into pipe "A" and check that air does not come out of pipe "B".

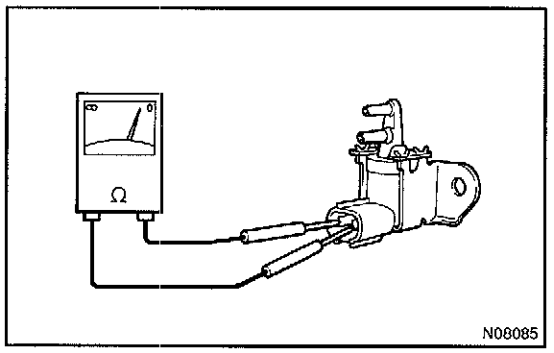
If a problem is found, replace the VSV.



2. CHECK FOR SHORT CIRCUIT

Using an ohmmeter, check that continuity exists between each terminal and the VSV body.

If continuity exists, replace the VSV.



3. 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.

ACDL1–01

INSTALLATION

Installation is in the reverse order of removal (See page AC–90).