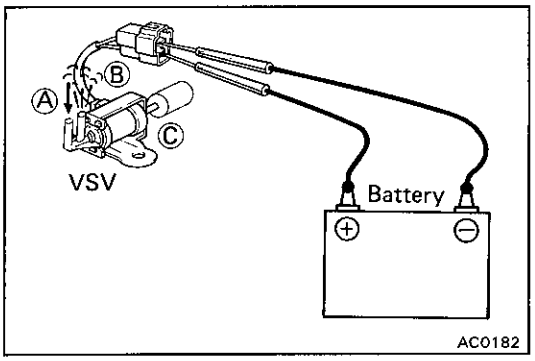
VACUUM SWITCHING VALVE (VSV)

(See page AC-4)

INSPECTION OF VSV

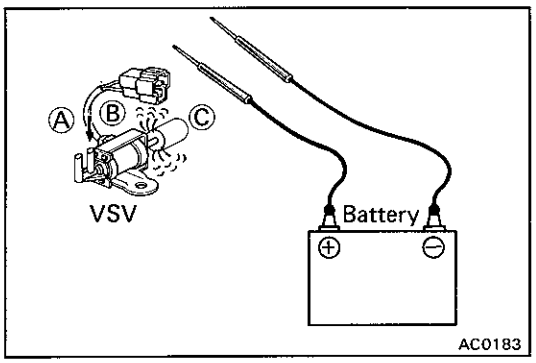
1. **DISCONNECT VACUUM HOSES AND CONNECTOR FROM VSV**



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

   (a) Connect the VSV terminals to the battery terminals as shown.

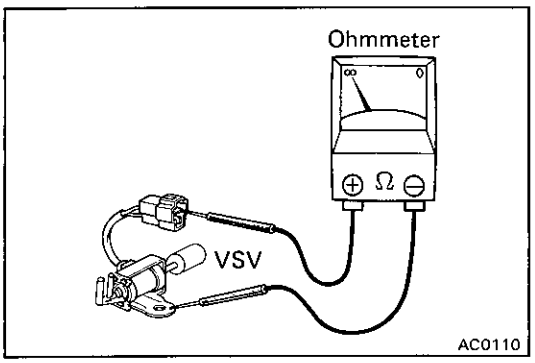
   (b) Blow into pipe A, and check that air comes out of pipe B.



   (c) Disconnect the battery.

   (c) Blow into pipe "B" and check that air comes out of filter "C" — not out of pipe "A".

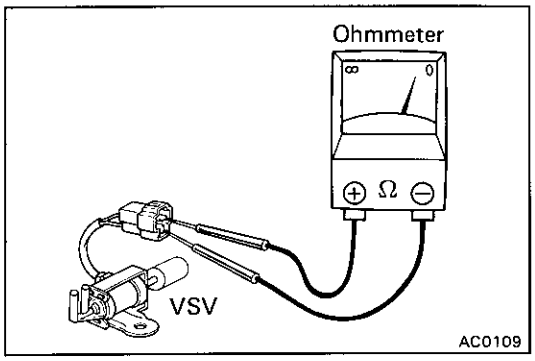
   If a problem is found, replace the VSV.



3. **CHECK FOR SHORT CIRCUIT**

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

   If a short circuit is found, repair or replace the VSV.



4. **CHECK FOR OPEN CIRCUIT**

   Using an ohmmeter, measure the resistance between two terminals of the VSV.

   Specified resistance: 37 — 44 Ω at 20°C (68°F)

   If the resistance is not within specification, replace the VSV.