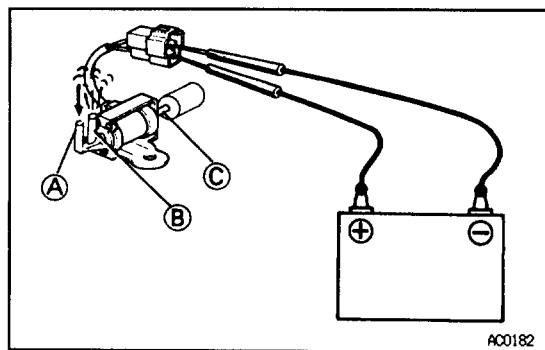
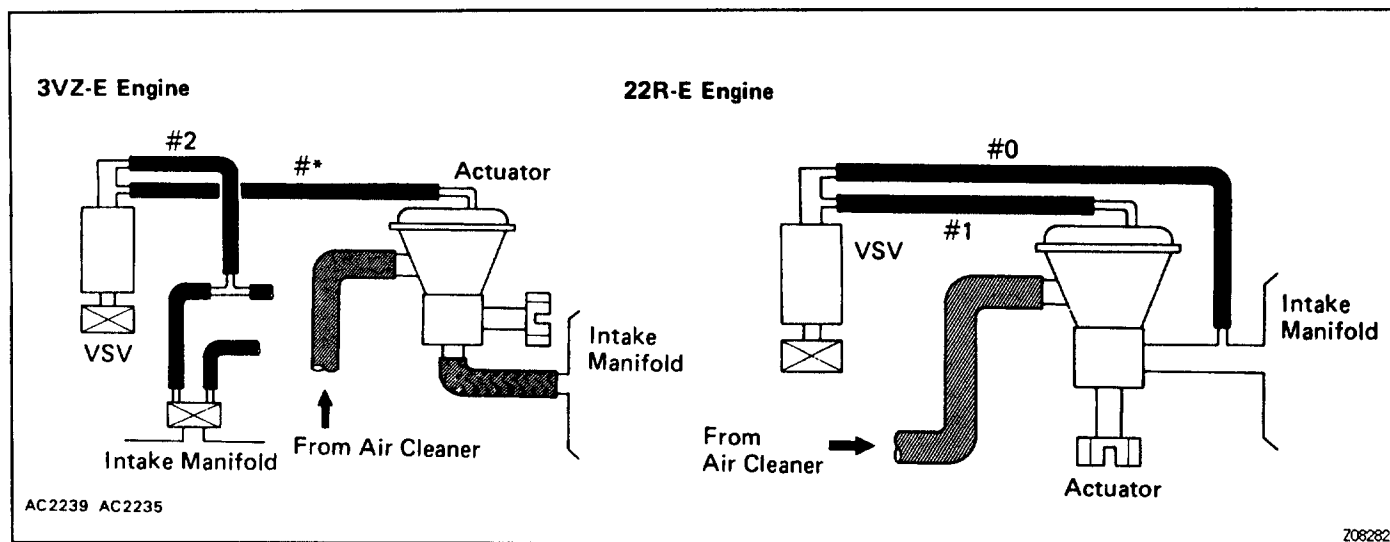


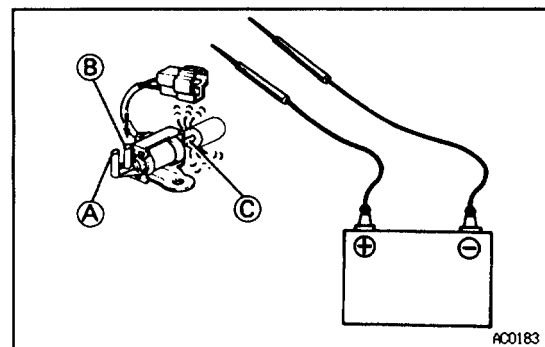
VACUUM SWITCHING VALVE VSV VSV INSPECTION



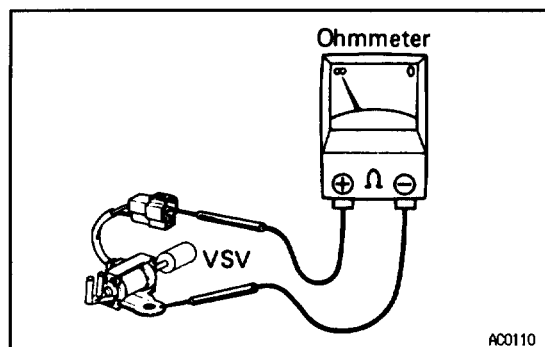
1. DISCONNECT VACUUM HOSES AND CONNECTOR FROM VSV

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

- Connect the VSV terminals to the battery terminals as illustrated.
- Blow into pipe "A" and check that air comes out of pipe "B", but does not come out of filter "C".



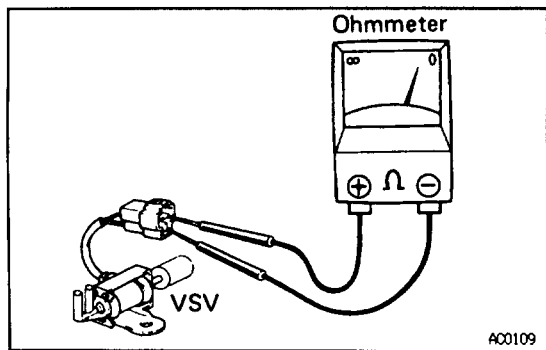
- Disconnect the battery.
 - Blow into pipe "B" and check that air comes out of filter "C", but does not come out of pipe "A".
- If a problem is found, replace the VSV.



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 the 2 terminals of the VSV.

Resistance:

37–42 Ω at 20° C (68° F)

If resistance value is not as specified, replace the VSV.