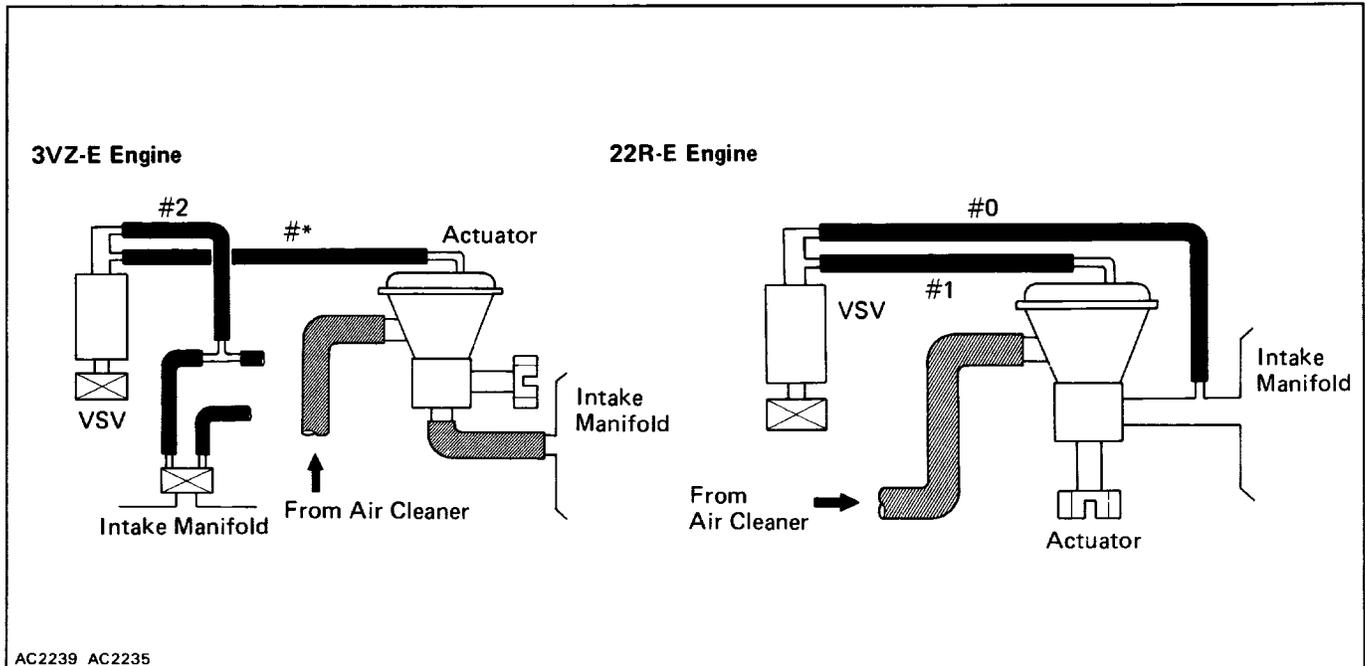


VACUUM HOSE CIRCUIT

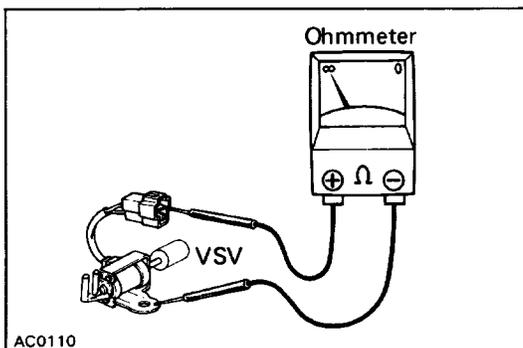
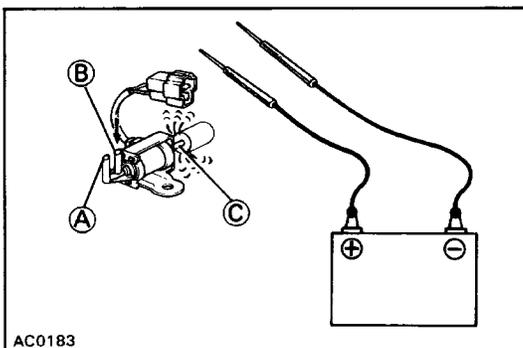
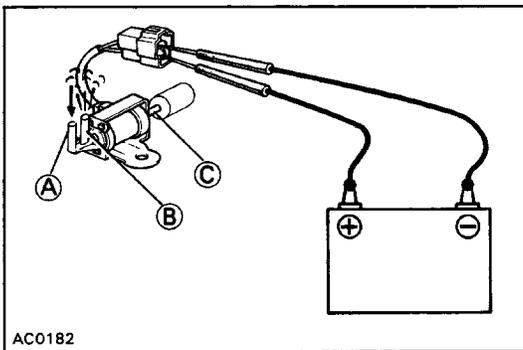


VACUUM SWITCHING VALVE (VSV) INSPECTION OF VSV

1. DISCONNECT VACUUM HOSES AND CONNECTOR FROM VSV

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

- Connect the VSV terminals to the battery terminals as shown.
- 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.