

MAGNETIC VALVE

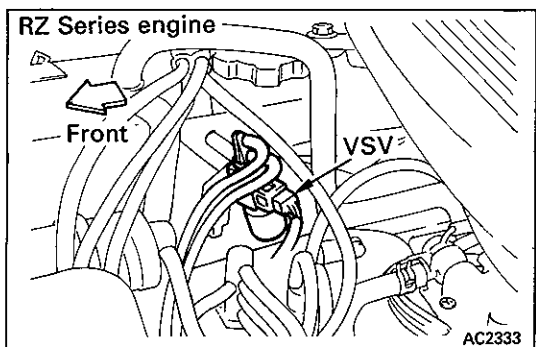
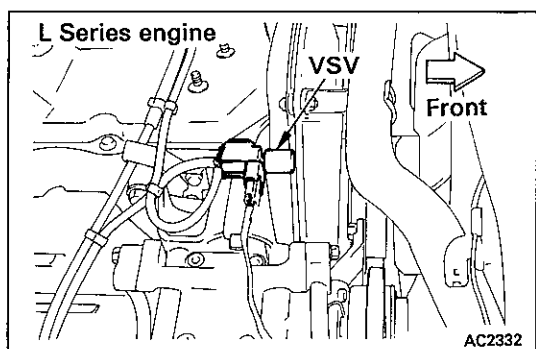
INSPECTION OF MAGNETIC VALVE

CHECK MAGNETIC VALVE OPERATION

(a) A/C ON-OFF, Refrigerator OFF

Condition Device		1	2	3	4
A/C Switch	Front	ON	ON	OFF	OFF
	Rear	ON	OFF	ON	OFF
Magnetic Valve	<p>Open (ON) Shut (OFF) 3°C 4°C Air Temp. in Cooling Unit</p>				
	Front	Open (ON)	Open (ON)	Shut (OFF)	Shut (OFF)
	Rear	Open (ON)	Shut (OFF)	Open (ON)	Shut (OFF)
Compressor Magnetic Clutch		ON	ON	ON	OFF

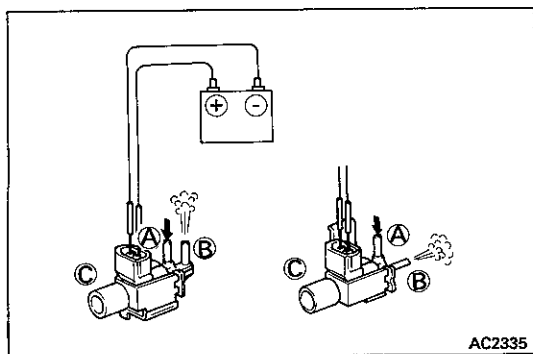
If operation is not as specified, replace the magnetic valve.



VACUUM SWITCHING VALVE (VSV)

INSPECTION OF VSV

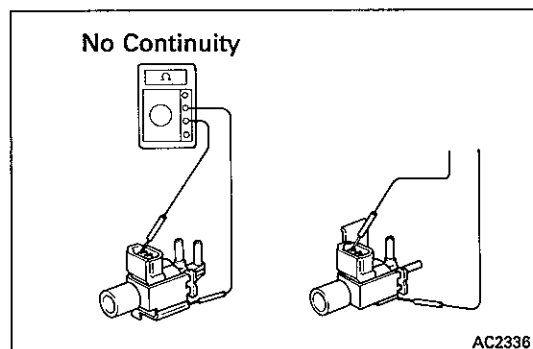
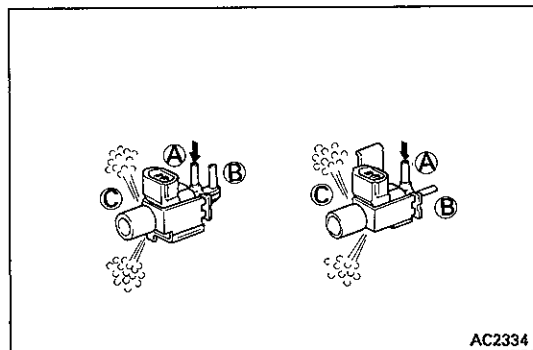
1. REMOVE VSV



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 "A" and check that air comes out of pipe "C" but does not come out of pipe "B".

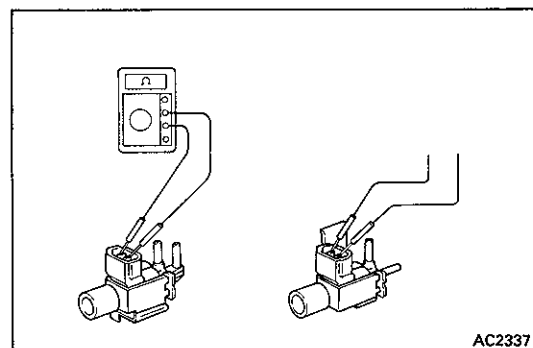
If a problem is found, replace the VSV.



3. CHECK FOR SHORT CIRCUIT

Using an ohmmeter, check that 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 two terminals.

Resistance: 37 – 44 Ω at 20°C (68°F)

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