

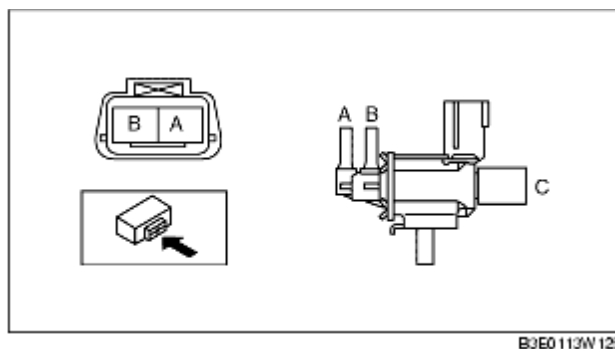
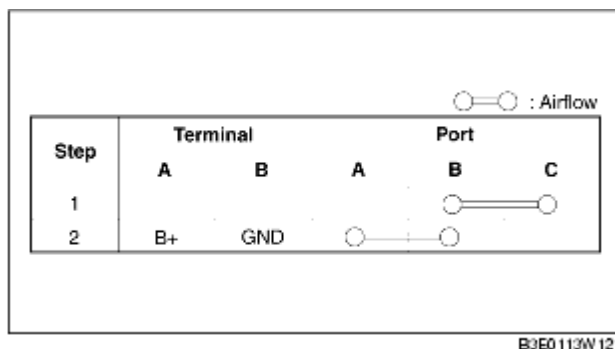
# VARIABLE INTAKE-AIR SOLENOID VALVE INSPECTION [LF]

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1. Remove the variable intake-air solenoid valve. (See [INTAKE-AIR SYSTEM REMOVAL/INSTALLATION \[LF\]](#).)

2. Inspect airflow between the ports under the following conditions.

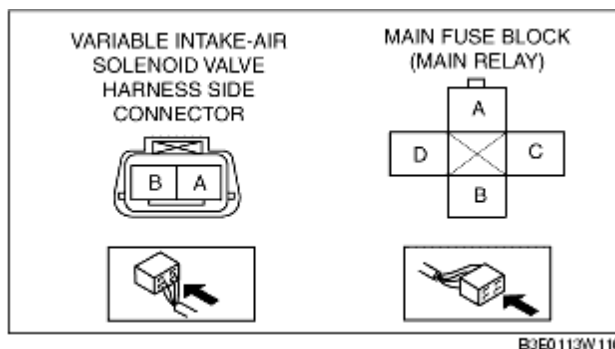
- If not as specified, replace the variable intake-air solenoid valve.
- If as specified, carry out the "Circuit Open/Short Inspection".



## Circuit Open/Short Inspection

1. Disconnect the PCM connector. (See [PCM REMOVAL/INSTALLATION \[LF\]](#).)

2. Inspect the following wiring harness for open or short (continuity check).



**Open circuit**

- If there is no continuity, the circuit is open. Repair or replace the wiring harness.
- Variable intake-air solenoid valve terminal A and PCM terminal 2AJ
- Variable intake-air solenoid valve terminal B and main relay terminal

**Short circuit**

- If there is continuity, the circuit is shorted. Repair or replace the wiring harness.
- Variable intake-air solenoid valve terminal B and body GND
- Variable intake-air solenoid valve terminal A and power supply