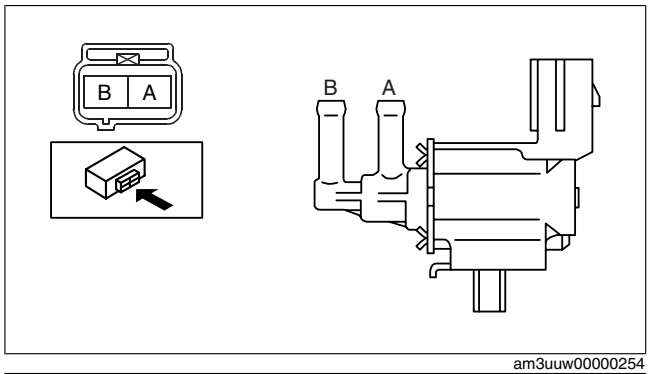
VARIABLE SWIRL SOLENOID VALVE INSPECTION[L3 Turbo]

id0113b5801100

1. Remove the variable swirl solenoid valve.
2. Inspect the airflow between the ports under the following conditions.
   - If not as specified, replace the variable swirl control solenoid valve.
   - If as specified, carry out the “Circuit Open/Short Inspection”.



am3uuw00000254

○—○ : Continuity ○═○ : Airflow

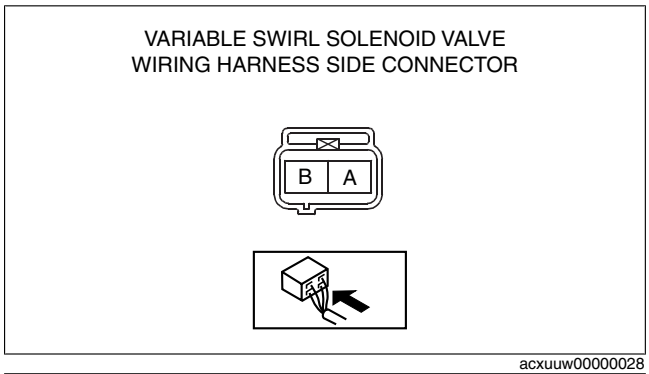
Step	Terminal		Port	
	A	B	A	B
1	○—○			
2	B+	GND	○═○	

acxuuw00000027

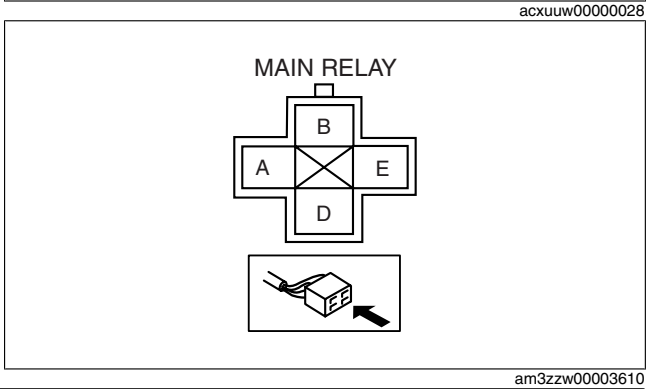
Circuit Open/Short Inspection

1. Disconnect the PCM connector. (See PCM REMOVAL/INSTALLATION[L3 Turbo].)

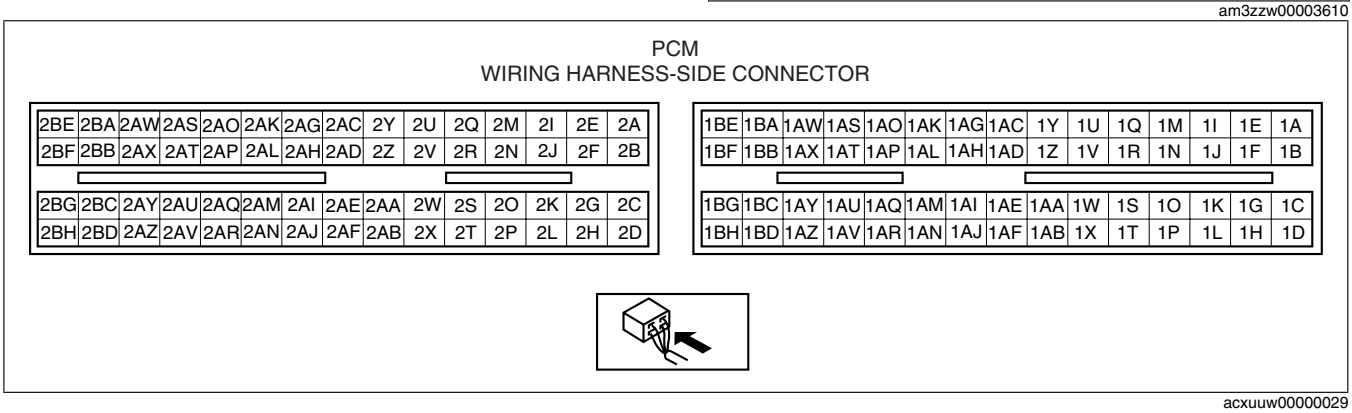
2. Inspect the following wiring harness for open or short circuit (continuity check).



acxuuw00000028



am3zzw00003610



acxuuw00000029

Open circuit

- If there is no continuity, there is an open circuit. Repair or replace the wiring harness.
  - — Variable swirl solenoid valve terminal B and PCM terminal 2AS
  - — Variable swirl solenoid valve terminal A and main relay terminal A

Short circuit

- If there is continuity, there is a short circuit. Repair or replace the wiring harness.
  - — Variable swirl solenoid valve terminal A and body ground
  - — Variable swirl solenoid valve terminal B and power supply
  - — Variable swirl solenoid valve terminal B and body ground