

DTC B1282, B1283

B3E070201038W07

DTC B1282, B1283	Air mix actuator (potentiometer) system
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Air mix actuator malfunction • Open circuit in wiring harness between climate control unit and air mix actuator • Short circuit in wiring harness between climate control unit (terminal N) and air mix actuator (terminal C)

Diagnostic Procedure

STEP	INSPECTION		ACTION
1	<ul style="list-style-type: none"> • Inspect the air mix actuator. (See AIR MIX ACTUATOR INSPECTION.) • Is it normal? 	Yes	Go to the next step.
		No	Replace the air mix actuator. (See AIR MIX ACTUATOR REMOVAL/INSTALLATION.)
2	<ul style="list-style-type: none"> • Disconnect the climate control unit connector and the air mix actuator connector. • Is there an open circuit in the wiring harness between the following terminals of the climate control unit and the air mix actuator? <p style="margin-left: 40px;">- P-A - N-C - U-B</p>	Yes	Repair the wiring harness.
		No	Go to the next step.
3	<ul style="list-style-type: none"> • Is there a short circuit to ground in the wiring harness between climate control unit terminal N and air mix actuator terminal C? 	Yes	Repair the wiring harness.
		No	The system is normal at present. (Clear the past malfunction from the memory.)

CLIMATE CONTROL UNIT CONNECTOR

AIR MIX ACTUATOR CONNECTOR