

DTC B2834

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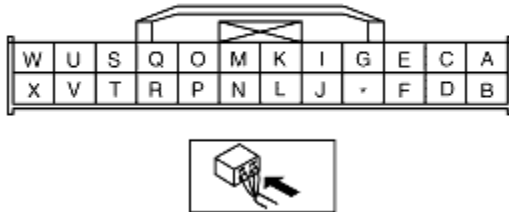
DTC B2834	Air mix actuator (motor lock) system
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Air mix actuator malfunction • A/C unit (air mix link and air mix crank) malfunction • Open or short circuit in wiring harness between climate control unit and air mix actuator

Diagnostic Procedure

STEP	INSPECTION		ACTION
1	<ul style="list-style-type: none">• Disconnect the air mix actuator connector.• Connect battery positive voltage to air mix actuator terminal F (or terminal D) and terminal D (or terminal F) to ground.• Does the air mix actuator operate?	Yes	Connect the connector, then go to Step 3.
		No	Go to the next step.
2	<ul style="list-style-type: none">• Remove the air mix actuator.• Operate the air mix link manually.• Does the air mix link operate smoothly?	Yes	Replace the air mix actuator. (See AIR MIX ACTUATOR REMOVAL/INSTALLATION.)
		No	Replace the air mix link and the air mix crank.
3	<ul style="list-style-type: none">• Disconnect the climate control unit connector.• Connect battery positive voltage to climate control unit terminal D (or terminal C) and terminal C (or terminal D) to ground.• Does the air mix actuator operate?	Yes	Inspect the connection of the climate control unit connector. (See CLIMATE CONTROL UNIT INSPECTION [FULL-AUTO AIR CONDITIONER].)
		No	Repair the wiring harness.

CLIMATE CONTROL UNIT CONNECTOR

W	U	S	Q	O	M	K	I	G	E	C	A
X	V	T	R	P	N	L	J	F	D	B	



AIR MIX ACTUATOR CONNECTOR

F	D	C	B	A
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