

## DTC B1251, B1253

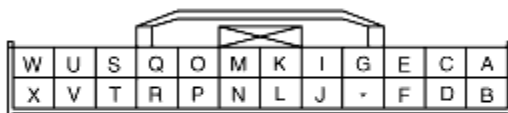
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DTC B1251, B1253	Cabin temperature sensor system
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>Cabin temperature sensor malfunction</li> <li>Open or short circuit in wiring harness between climate control unit and cabin temperature sensor</li> </ul>

### Diagnostic Procedure

STEP	INSPECTION		ACTION
1	<ul style="list-style-type: none"> <li>Inspect the cabin temperature sensor. (See <a href="#">CABIN TEMPERATURE SENSOR INSPECTION.</a>)</li> <li>Is it normal?</li> </ul>	Yes	Go to the next step.
		No	Replace the cabin temperature sensor. (See <a href="#">CABIN TEMPERATURE SENSOR REMOVAL/INSTALLATION.</a> )
2	<ul style="list-style-type: none"> <li>Disconnect the climate control unit connector and the cabin temperature sensor connector.</li> <li>Is there an open circuit in the wiring harness between the following terminals of the climate control unit and the cabin temperature sensor?</li> </ul> <p>- R-D - U-B</p>	Yes	Repair the wiring harness.
		No	Go to the next step.
3	<ul style="list-style-type: none"> <li>Is there a short circuit to ground in the wiring harness between climate control unit terminal R and cabin temperature sensor terminal D?</li> </ul>	Yes	Repair the wiring harness.
		No	Connect the climate control unit connector, then go to the next step.
4	<ul style="list-style-type: none"> <li>Turn the ignition switch to the ON position.</li> <li>Inspect the voltage at the following climate control unit terminal (wiring harness-side).</li> </ul> <p>- Terminal R (cabin temperature sensor input signal)</p> <ul style="list-style-type: none"> <li>Is the voltage normal? (<b>Approx. 5 V</b>)</li> </ul>	Yes	The system is normal at present. (Clear the past malfunction from the memory.)
		No	Inspect the connection of the climate control unit connector. (See <a href="#">CLIMATE CONTROL UNIT INSPECTION [FULL-AUTO AIR CONDITIONER].</a> )

CLIMATE CONTROL UNIT CONNECTOR



CABIN TEMPERATURE SENSOR CONNECTOR

