
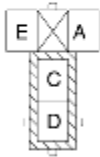






# DTC B1350

B3E090201072W13

DTC B1350	Heated backlite relay short to ground
<b>DETECTION CONDITION</b>	Short to GND or power supply in wiring harness between PJB and rear window defroster relay
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Open circuit in wiring harness between PJB terminal J-01 AH and rear window defroster relay terminal E</li> <li>• Short to GND in wiring harness between PJB terminal J-01 AH and rear window defroster relay terminal E</li> <li>• Short to power supply in wiring harness between PJB terminal J-01 AH and rear window defroster relay terminal E</li> <li>• Rear window defroster relay malfunction</li> <li>• PJB malfunction</li> </ul>
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>REAR WINDOW DEFROSTER RELAY</p>  <p>REAR WINDOW DEFROSTER RELAY WIRING HARNESS-SIDE CONNECTOR</p>   </div> <div style="text-align: center;"> <p>PJB</p>  <p>PJB WIRING HARNESS-SIDE J-01 CONNECTOR</p>   </div> </div>	

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT REAR WINDOW DEFROSTER RELAY CONNECTOR</b> <ul style="list-style-type: none"> <li>• Turn the ignition switch off.</li> <li>• Disconnect the rear window defroster relay connector.</li> <li>• Inspect the rear window defroster relay connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion).</li> <li>• Is there any malfunction?</li> </ul>	Yes Repair or replace the terminal, then go to Step 7.
		No Go to the next step.
2	<b>INSPECT PJB CONNECTOR</b> <ul style="list-style-type: none"> <li>• Disconnect the PJB connector.</li> <li>• Inspect the PJB connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion).</li> <li>• Is there any malfunction?</li> </ul>	Yes Repair or replace the terminal, then go to Step 7.
		No Go to the next step.
	<b>INSPECT REAR WINDOW DEFROSTER RELAY CONTROL CIRCUIT FOR OPEN CIRCUIT</b>	Yes Go to the next step.

3	<ul style="list-style-type: none"> <li>Inspect for continuity between PJB terminal J-01 AH (wiring harness-side) and rear window defroster relay terminal E (wiring harness-side).</li> <li>Is there continuity?</li> </ul>	No	Repair or replace the wiring harness for a possible short to GND, then go to Step 7.
4	<b>INSPECT REAR WINDOW DEFROSTER RELAY CONTROL CIRCUIT FOR SHORT TO GND</b> <ul style="list-style-type: none"> <li>Inspect for continuity between PJB terminal J-01 AH (wiring harness-side) and body GND.</li> <li>Is there continuity?</li> </ul>	Yes	Repair or replace the wiring harness for a possible short to GND, then go to Step 7.
		No	Go to the next step.
5	<b>INSPECT REAR WINDOW DEFROSTER RELAY CONTROL CIRCUIT FOR SHORT TO POWER SUPPLY</b> <ul style="list-style-type: none"> <li>Turn the ignition switch to the ON position (Engine off).</li> <li>Measure the voltage between PJB terminal J-01 AH (wiring harness-side) and body GND.</li> <li>Is the voltage <b>B+</b>?</li> </ul>	Yes	Repair or replace the wiring harness for a possible short to power supply, then go to Step 7.
		No	Go to the next step.
6	<b>INSPECT REAR WINDOW DEFROSTER RELAY</b> <ul style="list-style-type: none"> <li>Inspect the rear window defroster relay. (See <a href="#">RELAY INSPECTION</a>.)</li> <li>Is there any malfunction?</li> </ul>	Yes	Replace the rear window defroster relay, then go to the next step.
		No	Go to the next step.
7	<b>VERIFY TROUBLESHOOTING COMPLETED</b> <ul style="list-style-type: none"> <li>Make sure to reconnect all disconnected connectors.</li> <li>Clear the DTC from the PJB memory using the WDS or equivalent.</li> <li>Perform the self-test. (See <a href="#">PJB SELF-TEST</a>.)</li> <li>Is the same DTC present?</li> </ul>	Yes	Replace the PJB. (See <a href="#">PASSENGER JUNCTION BOX (PJB) REMOVAL/INSTALLATION</a> .)
		No	DTC troubleshooting completed.