

# DTC B1798

B3E090201072W25

DTC B1798	Position lights switch (TNS) input circuit short to ground
<b>DETECTION CONDITION</b>	Short to GND in wiring harness between PJB and light switch (TNS)
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Short to GND in wiring harness between PJB terminal J-03 I and light switch terminal A</li> <li>• Light switch malfunction</li> <li>• PJB malfunction</li> </ul>

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT LIGHT SWITCH CONNECTOR</b> <ul style="list-style-type: none"> <li>• Disconnect the light switch connector.</li> <li>• Inspect the light switch 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 5.
		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 5.
		No Go to the next step.
3	<b>INSPECT LIGHT SWITCH SIGNAL CIRCUIT FOR SHORT TO GND</b> <ul style="list-style-type: none"> <li>• Inspect for continuity between PJB terminal J-03 I (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 5.
		No Go to the next step.
4	<b>INSPECT LIGHT SWITCH</b> <ul style="list-style-type: none"> <li>• Inspect the light switch.</li> </ul> (See <a href="#">LIGHT SWITCH INSPECTION.</a> )	Yes Replace the light switch, then go to the next step. (See <a href="#">LIGHT SWITCH</a> )

	• Is there any malfunction?		<a href="#">REMOVAL/INSTALLATION.</a> )
		No	Go to the next step.
5	<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.