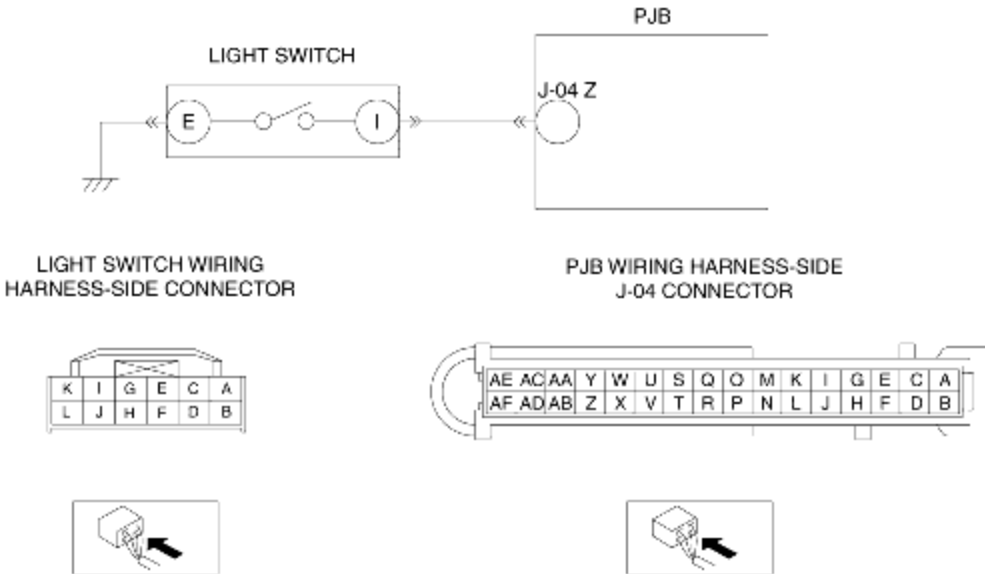


# DTC B2264

B3E090201072W39

DTC B2264	Rear fog light switch short to ground
<b>DETECTION CONDITION</b>	Short to GND in wiring harness between PJB and rear fog light switch
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Short to GND in wiring harness between PJB terminal J-04 Z and light switch terminal I</li> <li>• Light switch malfunction</li> <li>• PJB malfunction</li> </ul>
 <p>The diagram illustrates the electrical connection between the rear fog light switch and the PJB (Rear Fog Light Switch). It shows the light switch wiring harness-side connector with terminals K, I, G, E, C, A, L, J, H, F, D, B. The PJB wiring harness-side J-04 connector has terminals AE, AC, AA, Y, W, U, S, Q, O, M, K, I, G, E, C, A, AF, AD, AB, Z, X, V, T, R, P, N, L, J, H, F, D, B. A short circuit is indicated between terminal I of the light switch and terminal Z of the PJB connector. Below the diagrams are two small images showing the physical connectors and a hand pointing to the relevant terminals.</p>	

## 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-04 Z (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. (See <a href="#">LIGHT SWITCH INSPECTION.</a>)</li> <li>• Is there any malfunction?</li> </ul>	Yes Replace the light switch, then go to the next step. (See <a href="#">LIGHT SWITCH 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.