

# PANEL LIGHT CONTROL SWITCH INSPECTION

B3E091866600W02

1. Measure the voltage at each terminal (other than terminal D).

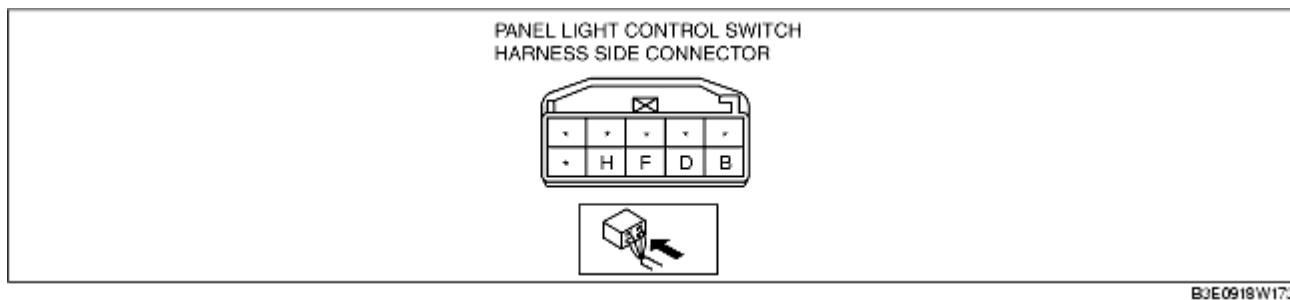
- If the voltage is not as specified in the Terminal Voltage Table (Reference), inspect the parts under "Inspection item(s)".

2. Disconnect the panel light control switch connector.

3. Verify that continuity at terminal D is as indicated in the Terminal Voltage Table (Reference).

- If there is any malfunction, inspect the parts under "Inspection item(s)".
  - If the system does not work properly even though the parts or related wiring harnesses do not have any malfunction, replace the panel light control switch.

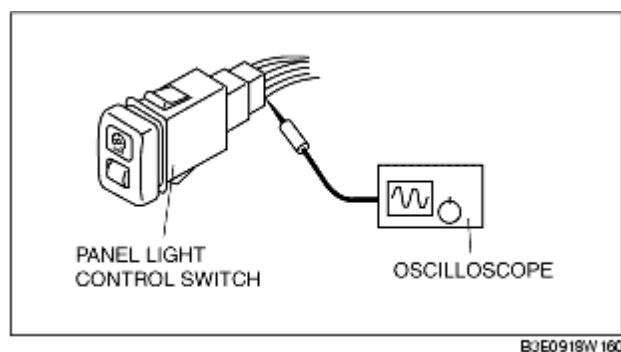
## Terminal Voltage Table (Reference)



Terminal	Signal name	Connected to	Measured condition	Voltage (V)/Continuity	Inspection item(s)
B	TNS	PJB	Turn the light switch to the TNS or ON position.	B+	<ul style="list-style-type: none"> <li>• PJB (See <a href="#">PASSENGER JUNCTION BOX (PJB) INSPECTION.</a>)</li> <li>• ILLUMI 7.5 A fuse</li> <li>• Related wiring harnesses</li> </ul>
			Turn the light switch to the OFF position.	1.0 or less	
D	GND	Body ground	Under any condition: Inspect for continuity to ground.	Continuity detected	<ul style="list-style-type: none"> <li>• GND</li> <li>• Related wiring harnesses</li> </ul>
F	Panel light control	Illumination bulb	Panel light control switch turn to the brightest setting.	GND	<ul style="list-style-type: none"> <li>• PJB (See <a href="#">PASSENGER JUNCTION BOX (PJB) INSPECTION.</a>)</li> <li>• Related wiring harnesses</li> </ul>
			Panel light control switch turn to the darkest setting.	(See <a href="#">PASSENGER JUNCTION BOX (PJB) INSPECTION.</a> )	
H	Panel light control input	Panel light control switch	Panel light control switch turn to the brightest setting.	Approx. 4.5	<ul style="list-style-type: none"> <li>• PJB (See <a href="#">PASSENGER JUNCTION BOX (PJB) INSPECTION.</a>)</li> <li>• Related wiring harnesses</li> </ul>
			Panel light control switch turn to the darkest setting.	1.0 or less	

## Terminals H Inspection

1. Measure the wave pattern of panel light control switch terminals H using a tester.



2. Turn the light switch to the TNS or ON position.
3. Verify that the resistance changes smoothly while turning the panel light control switch from the brightest to the darkest setting.