

# DTC B1570

B3E090201072W20

DTC B1570	Headlight high beam status input circuit short to battery
<b>DETECTION CONDITION</b>	Short to power supply in wiring harness between PJB and light switch (high beam)
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Short to power supply in wiring harness between PJB terminal J-04 L and light switch terminal K</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>• Turn the ignition switch off.</li> <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 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-04 L (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 5.
		No	Go to the next step.
	<b>INSPECT LIGHT SWITCH</b> <ul style="list-style-type: none"> <li>• Inspect the light switch.</li> </ul>	Yes	Replace the light switch, then go to the next step.

4	(See <a href="#">LIGHT SWITCH INSPECTION.</a> ) • Is there any malfunction?		(See <a href="#">LIGHT SWITCH REMOVAL/INSTALLATION.</a> )
		No	Go to the next step.
5	<b>VERIFY TROUBLESHOOTING COMPLETED</b> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PJB memory using the WDS or equivalent. • Perform the self-test. (See <a href="#">PJB SELF-TEST.</a> ) • Is the same DTC present?	Yes	Replace the PJB. (See <a href="#">PASSENGER JUNCTION BOX (PJB) REMOVAL/INSTALLATION.</a> )
		No	DTC troubleshooting completed.