

# DTC B1520

B3E090200200W04

DTC B1520	Bonnet latch switch circuit open
<b>DETECTION CONDITION</b>	Open circuit in wiring harness between PJB and bonnet latch switch
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Open circuit in wiring harness between PJB terminal J-02 Y and front door latch and bonnet latch switch terminal A</li> <li>• Bonnet latch switch malfunction</li> <li>• PJB malfunction</li> </ul>

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT BONNET LATCH SWITCH CONNECTOR</b> <ul style="list-style-type: none"> <li>• Turn the ignition switch off.</li> <li>• Disconnect the bonnet latch switch connector.</li> <li>• Inspect the bonnet latch 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 BONNET LATCH SWITCH SIGNAL CIRCUIT FOR OPEN CIRCUIT</b> <ul style="list-style-type: none"> <li>• Inspect for continuity between PJB terminal J-02 Y (wiring harness-side) and bonnet latch switch terminal A (wiring harness-side).</li> <li>• Is there continuity?</li> </ul>	Yes Go to the next step.
		No Repair or replace the wiring harness for a possible open circuit, then go to Step 5.
	<b>INSPECT BONNET LATCH SWITCH</b>	Replace the bonnet latch switch, then go to the next step.

4	<ul style="list-style-type: none"> <li>Inspect the bonnet latch switch. (See <a href="#">BONNET LATCH SWITCH INSPECTION.</a>)</li> <li>Is there any malfunction?</li> </ul>	Yes	(See <a href="#">BONNET LATCH AND RELEASE LEVER REMOVAL/INSTALLATION [R.H.D.]</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.