

# DTC B2096

B3E090201072W30

DTC B2096	Set switch circuit failure
<b>DETECTION CONDITION</b>	Short to GND in wiring harness between PJB and driver-side door key cylinder switch (lock)
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Short to GND in wiring harness between PJB terminal J-06 Y and front door latch and lock actuator (driver-side) terminal F</li> <li>• Front door latch and lock actuator (driver-side) malfunction</li> <li>• PJB malfunction</li> </ul>
<p>FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER-SIDE)</p> <p>PJB</p> <p>FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER-SIDE) WIRING HARNESS-SIDE CONNECTOR</p> <p>PJB WIRING HARNESS-SIDE J-06 CONNECTOR</p>	

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER-SIDE) CONNECTOR</b> <ul style="list-style-type: none"> <li>• Disconnect the front door latch and lock actuator (driver-side) connector.</li> <li>• Inspect the front door latch and lock actuator (driver-side) 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 FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER-SIDE) SIGNAL CIRCUIT FOR SHORT TO GND</b> <ul style="list-style-type: none"> <li>• Inspect for continuity between PJB terminal J-06 Y (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.
	<b>INSPECT FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER-SIDE)</b>	Replace the front door latch and lock

4	<ul style="list-style-type: none"> <li>Inspect the front door latch and lock actuator (driver-side). (See <a href="#">FRONT DOOR LATCH AND LOCK ACTUATOR INSPECTION.</a>)</li> <li>Is there any malfunction?</li> </ul>	Yes	actuator (driver-side), then go to the next step. (See <a href="#">FRONT DOOR LATCH AND LOCK ACTUATOR 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.