

# DTC B108F:16 [REAR BODY CONTROL MODULE (RBCM)]

id0902p4012900

<b>System malfunction location</b>	<b>Door lock switch (LH) circuit malfunction</b>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>With the door lock switch off, the rear body control module (RBCM) detects door lock switch circuit voltage of <b>4 V or less</b>.</li> </ul>
<b>Fail-safe</b>	—
<b>Possible cause</b>	<ul style="list-style-type: none"> <li>Power window main switch connector or terminal malfunction</li> <li>Door lock switch (LH) malfunction</li> <li>Rear body control module (RBCM) connector or terminal malfunction</li> <li>Short to ground in wiring harness between rear body control module (RBCM) terminal 3F and power window main switch terminal 1E</li> <li>Rear body control module (RBCM) malfunction</li> </ul>
<div> <div> <p>RBCM</p> <p>DOOR LOCK SWITCH (LH) (POWER WINDOW MAIN SWITCH)</p> <p>UNLOCK</p> <p>LOCK</p> <p>RBCM WIRING HARNESS-SIDE CONNECTOR</p> <p>POWER WINDOW MAIN SWITCH WIRING HARNESS-SIDE CONNECTOR</p> <p>1K 1I 1G 1E 1C 1A 1L 1J 1H 1F 1D 1B</p> </div> </div>	

## Diagnostic Procedure

Step	Inspection	Action
1	<b>VERIFY REAR BODY CONTROL MODULE (RBCM) DTCs AGAIN</b> <ul style="list-style-type: none"> <li>Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].)</li> <li>Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].)</li> <li>Is DTC B108F:16 displayed?</li> </ul>	<div>Yes</div> Go to the next step. <div>No</div> Go to Step 7.

Step	Inspection	Action	
2	<b>POWER WINDOW MAIN SWITCH CONNECTOR INSPECTION</b> <ul style="list-style-type: none"> <li>• Switch the ignition to off.</li> <li>• Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)</li> <li>• Disconnect the power window main switch connector.</li> <li>• Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection.</li> <li>• Is the connector normal?</li> </ul>	Yes	Go to the next step.
		No	Repair or replace the connector, then go to Step 6.
3	<b>INSPECT DOOR LOCK SWITCH (LH)</b> <ul style="list-style-type: none"> <li>• Inspect the door lock switch (LH). (See POWER WINDOW MAIN SWITCH INSPECTION.)</li> <li>• Is the door lock switch (LH) normal?</li> </ul>	Yes	Go to the next step.
		No	Replace the power window main switch, then go to Step 6. (See POWER WINDOW MAIN SWITCH REMOVAL/ INSTALLATION.)
4	<b>INSPECT REAR BODY CONTROL MODULE (RBCM) CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>• Disconnect the rear body control module (RBCM) connector.</li> <li>• Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection.</li> <li>• Is the connector normal?</li> </ul>	Yes	Go to the next step.
		No	Repair or replace the connector, then go to Step 6.
5	<b>INSPECT DOOR LOCK SWITCH CIRCUIT FOR SHORT TO GROUND</b> <ul style="list-style-type: none"> <li>• Verify the rear body control module (RBCM) connector and power window main switch connector are disconnected.</li> <li>• Inspect for continuity between rear body control module (RBCM) terminal 3F (vehicle wiring harness side) and body ground.</li> <li>• Is there continuity?</li> </ul>	Yes	Repair or replace the wiring harness which has a short to ground, then go to the next step.
		No	Go to the next step.

Step	Inspection	Action
6	<b>VERIFY THAT REPAIRS HAVE BEEN COMPLETED</b> <ul style="list-style-type: none"> <li>Reconnect all the disconnected connectors.</li> <li>Reconnect the disconnected negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)</li> <li>Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].)</li> <li>Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].)</li> <li>Is DTC B108F:16 displayed?</li> </ul>	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the rear body control module (RBCM), then go to the next step. (See REAR BODY CONTROL MODULE (RBCM) REMOVAL/INSTALLATION.)
		No Go to the next step.
7	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"> <li>Are any other DTCs displayed?</li> </ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [REAR BODY CONTROL MODULE (RBCM)].)
		No DTC troubleshooting completed.