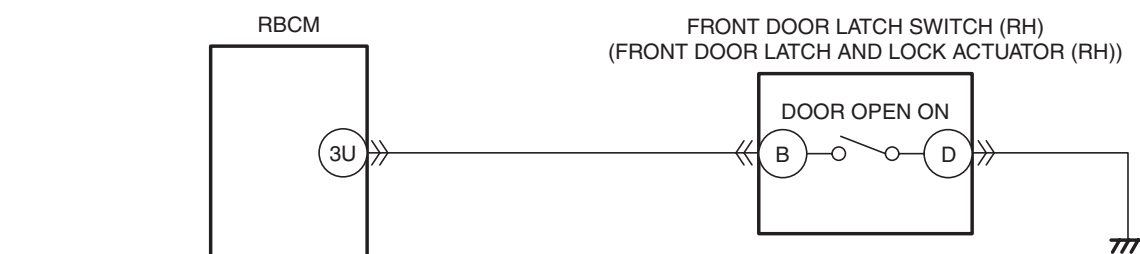


# DTC B1176:11 [REAR BODY CONTROL MODULE (RBCM)]

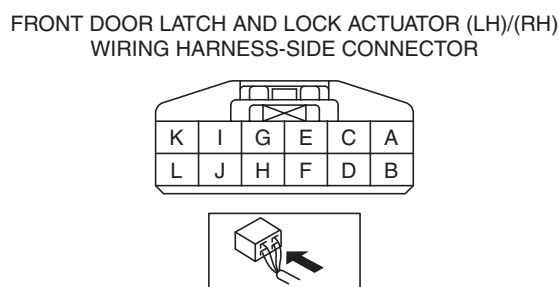
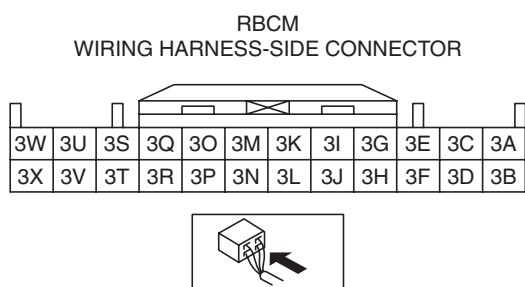
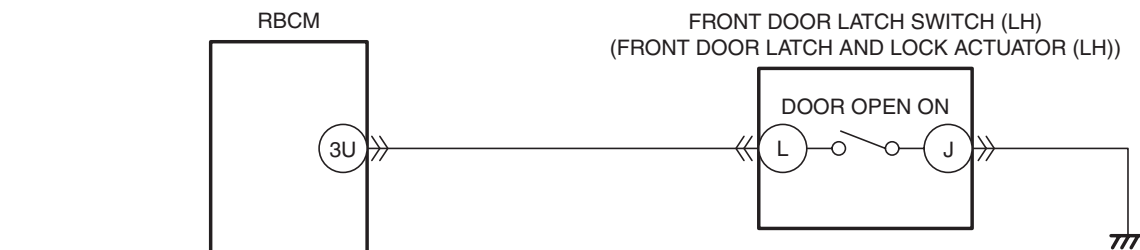
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<b>System malfunction location</b>	<b>Front door latch switch (passenger's side) circuit malfunction</b>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>With the front door (passenger's side) closed (front door latch switch (passenger's side) off, the rear body control module (RBCM) detects a short to ground in the front door latch switch (passenger's side) circuit.</li> </ul>
<b>Fail-safe</b>	—
<b>Possible cause</b>	<ul style="list-style-type: none"> <li>Front door latch and lock actuator (passenger's side) connector or terminal malfunction</li> <li>Front door latch switch (passenger's side) malfunction</li> <li>Rear body control module (RBCM) connector or terminal malfunction</li> <li>Short to ground in wiring harness between the following terminals: <ul style="list-style-type: none"> <li>L.H.D.: <ul style="list-style-type: none"> <li>Rear body control module (RBCM) terminal 3U and front door latch and lock actuator (RH) terminal B</li> </ul> </li> <li>R.H.D.: <ul style="list-style-type: none"> <li>Rear body control module (RBCM) terminal 3U and front door latch and lock actuator (LH) terminal L</li> </ul> </li> </ul> </li> <li>Rear body control module (RBCM) malfunction</li> </ul>

## L.H.D.



## R.H.D.



## 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 B1176:11 displayed?</li> </ul>	Yes	Go to the next step.
		No	Go to Step 7.
2	<b>INSPECT FRONT DOOR LATCH AND LOCK ACTUATOR (PASSENGER'S DOOR) CONNECTOR</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 front door latch and lock actuator (passenger's side) 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 FRONT DOOR LATCH SWITCH (PASSENGER'S DOOR)</b> <ul style="list-style-type: none"> <li>• Inspect the front door latch switch (passenger's door). (See FRONT DOOR LATCH SWITCH INSPECTION.)</li> <li>• Is the front door latch switch (passenger's door) normal?</li> </ul>	Yes	Go to the next step.
		No	Replace the front door latch and lock actuator (passenger's side), then go to Step 6. (See FRONT DOOR LATCH AND LOCK ACTUATOR 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.

Step	Inspection	Action
5	<b>INSPECT FRONT DOOR LATCH SWITCH (PASSENGER'S SIDE) CIRCUIT FOR SHORT TO GROUND</b> <ul style="list-style-type: none"> <li>• Verify that the rear body control module (RBCM) connector and front door latch and lock actuator (passenger's side) connector are disconnected.</li> <li>• Inspect for continuity between the following terminals (vehicle wiring harness side) and body ground. <ul style="list-style-type: none"> <li>— L.H.D.: <ul style="list-style-type: none"> <li>• Front door latch and lock actuator (RH) terminal B</li> </ul> </li> <li>— R.H.D.: <ul style="list-style-type: none"> <li>• Front door latch and lock actuator (LH) terminal L</li> </ul> </li> </ul> </li> <li>• Is there continuity?</li> </ul>	Yes
		No
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 B1176:11 displayed?</li> </ul>	Yes
		No
7	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"> <li>• Are any other DTCs displayed?</li> </ul>	Yes
		No