
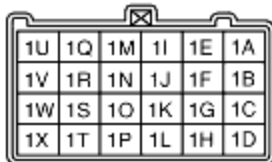
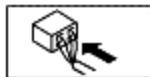
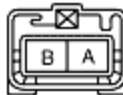


# DTC B104D, B2226, B2227, B2855

B3E080201046W22

DTC	B104D	Crash zone sensor and other sensor circuits short to power supply
	B2226	Crash zone sensor (internal circuit abnormal)
	B2227	Crash zone sensor (communication error)
	B2855	Crash zone sensor circuit short
DETECTION CONDITION	<p><b>Warning</b></p> <ul style="list-style-type: none"><li>• Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only the detection conditions may cause injury due to an operating error, or damage the system. When performing an inspection, always follow the inspection procedure.</li><li>• Malfunction in wiring harness between crash zone sensor and SAS control module</li><li>• Malfunction in crash zone sensor circuit</li></ul>	
POSSIBLE CAUSE	<ul style="list-style-type: none"><li>• Open or short circuit in wiring harness between crash zone sensor and SAS control module</li><li>• Crash zone sensor malfunction</li><li>• SAS control module malfunction</li></ul>	
<div><div><p>SAS CONTROL MODULE WIRING HARNESS-SIDE CONNECTOR</p></div><div><p>CRASH ZONE SENSOR WIRING HARNESS-SIDE CONNECTOR</p></div></div>		

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT CRASH ZONE SENSOR CONNECTOR</b> <p><b>Warning</b></p> <ul style="list-style-type: none"> <li>Handling the air bag system components improperly can accidentally deploy the air bag modules and pretensioner front buckles, which may seriously injure you. Read the service warnings and cautions before handling the air bag system components. (See <a href="#">SERVICE WARNINGS.</a>) (See <a href="#">SERVICE CAUTIONS.</a>)</li> </ul> <ul style="list-style-type: none"> <li>Turn the ignition switch to the LOCK position.</li> <li>Disconnect the negative battery cable and wait for <b>1 min or more</b>.</li> <li>Disconnect the crash zone sensor connector.</li> <li>Is there any malfunction of the crash zone sensor connector?</li> </ul>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">Yes</div> <div>Replace the air bag wiring harness.</div> </div>
		<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">No</div> <div>Go to the next step.</div> </div>

2	<p><b>INSPECT WIRING HARNESS BETWEEN CRASH ZONE SENSOR AND SAS CONTROL MODULE</b></p> <ul style="list-style-type: none"> <li>• Turn the ignition switch to the LOCK position.</li> <li>• Disconnect the negative battery cable and wait for <b>1 min or more</b>.</li> <li>• Remove the column cover.</li> <li>• Disconnect the clock spring connector.</li> <li>• Remove the glove compartment.</li> <li>• Disconnect the passenger-side air bag module connector.</li> <li>• Disconnect the driver and passenger-side front seat connectors.</li> <li>• Disconnect the driver and passenger-side curtain air bag module connectors.</li> <li>• Remove the console.</li> <li>• Disconnect the SAS control module connector.</li> <li>• Disconnect the crash zone sensor connector.</li> <li>• Connect the negative battery cable.</li> <li>• Inspect the wiring harnesses between SAS control module terminal 1W and crash zone sensor terminal A, SAS control module terminal 1S and crash zone sensor terminal B for the following: <ul style="list-style-type: none"> <li>- Short to ground</li> <li>- Short to power supply</li> <li>- Open circuit</li> </ul> </li> <li>• Is the wiring harness normal?</li> </ul>	Yes	<p>Replace the crash zone sensor, then go to the next step. (See <a href="#">CRASH ZONE SENSOR REMOVAL/INSTALLATION.</a>)</p>
		No	<p>Replace the air bag wiring harness.</p>
3	<p><b>INSPECT SAS CONTROL MODULE</b></p> <ul style="list-style-type: none"> <li>• Turn the ignition switch to the LOCK position.</li> <li>• Disconnect the negative battery cable and wait for <b>1 min or more</b>.</li> <li>• Connect the SAS control module connector.</li> <li>• Connect the crash zone sensor connector.</li> <li>• Is DTC B104D, B2226, B2227 and/or B2855 indicated?</li> </ul>	Yes	<p>Replace the SAS control module. (See <a href="#">SAS CONTROL MODULE REMOVAL/INSTALLATION.</a>)</p>
		No	<p>DTC troubleshooting completed.</p>