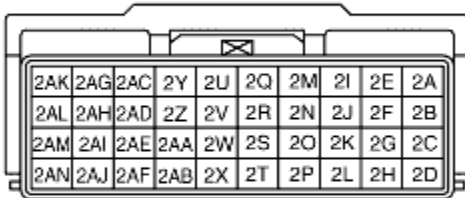





# DTC B1053, B2432, B2433, B2434, B2435

B3E080201046W23

DTC	B1053	Driver-side front buckle switch and other sensor circuits short to power supply
	B2432	Driver-side front buckle switch circuit open
	B2433	Driver-side front buckle switch circuit open or short to power supply
	B2434	Driver-side front buckle switch circuit short to body ground
	B2435	Driver-side front buckle switch circuit resistance not within specification
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 the wiring harness between the driver-side front buckle switch and SAS control module</li><li>• Malfunction in driver-side front buckle switch circuit</li></ul>	
POSSIBLE CAUSE	<ul style="list-style-type: none"><li>• Malfunction of connectors between driver-side front buckle switch and SAS control module</li><li>• Open or short circuit in wiring harness between driver-side front buckle switch and SAS control module</li><li>• Driver-side front buckle switch malfunction</li><li>• SAS control module malfunction</li></ul>	
<div>SAS CONTROL MODULE WIRING HARNESS-SIDE CONNECTOR</div> <div></div> <div>DRIVER-SIDE FRONT BUCKLE SWITCH WIRING HARNESS-SIDE CONNECTOR</div> <div></div> <div></div> <div></div>		

## Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT DRIVER-SIDE BUCKLE SWITCH CIRCUIT</b> <ul style="list-style-type: none"> <li>Using the WDS or equivalent, verify the following PID/DATA monitor. (See <a href="#">PID/DATA MONITOR TABLE</a>.)</li> </ul> <p>- DR_BUKL</p>	Yes Replace the SAS control module. (See <a href="#">SAS CONTROL MODULE REMOVAL/INSTALLATION</a> .)
	<ul style="list-style-type: none"> <li>Is the driver-side front buckle switch normal?</li> </ul>	No Go to the next step.
	<b>INSPECT WIRING HARNESS BETWEEN DRIVER-SIDE BUCKLE SWITCH AND GROUND</b> <p><b>Warning</b></p> <ul style="list-style-type: none"> <li>Handling the air bag system components</li> </ul>	

2	<p>improperly can accidentally deploy the air bag modules and pre-tensioner 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>)</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>• Disconnect the driver-side front buckle switch connector.</li> <li>• Inspect the wiring harness between driver-side front buckle switch terminal B and ground for the following: <ul style="list-style-type: none"> <li>- Short to power supply</li> <li>- Open circuit</li> </ul> </li> </ul> <p>• Is the wiring harness normal?</p>	Yes	Go to the next step.
		No	Replace the wiring harness.
3	<p><b>INSPECT WIRING HARNESS BETWEEN DRIVER-SIDE BUCKLE SWITCH AND SAS CONTROL MODULE</b></p> <ul style="list-style-type: none"> <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>• Inspect the wiring harness between SAS control module terminal 2W and driver-side front buckle switch terminal A 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> </ul> <p>• Is the wiring harness normal?</p>	Yes	<p>Replace the driver-side front buckle. (See <a href="#">FRONT BUCKLE REMOVAL/INSTALLATION.</a>)</p> <p>If the DTC is displayed even after the buckle switch is replaced, replace the SAS control module. (See <a href="#">SAS CONTROL MODULE REMOVAL/INSTALLATION.</a>)</p>
		No	Replace the wiring harness.