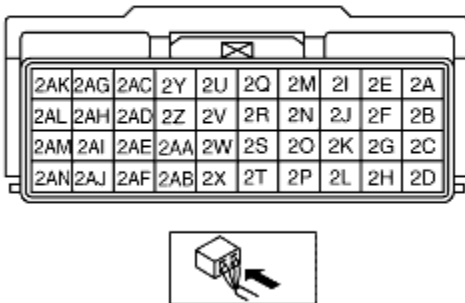
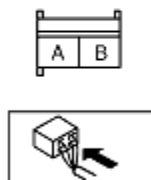


## DTC B1047, B1992, B1993, B1994, B1995

B3E080201046W18

DTC	B1047	Driver-side side air bag module and other air bag module circuits short
	B1992	Driver-side side air bag module circuit short to power supply
	B1993	Driver-side side air bag module circuit short to body ground
	B1994	Driver-side side air bag module circuit resistance high
	B1995	Driver-side side air bag module circuit resistance low
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>• Resistance other than <b>1.4-3.2 ohms</b> detected in driver-side side air bag module circuit</li><li>• Malfunction in wiring harness between driver-side side air bag module and SAS control module</li></ul>	
POSSIBLE CAUSE	<ul style="list-style-type: none"><li>• Open or short circuit in wiring harness between driver-side side air bag module and SAS control module</li><li>• Driver-side side air bag module malfunction</li><li>• SAS control module malfunction</li></ul>	
<div><div><p>SAS CONTROL MODULE WIRING HARNESS-SIDE CONNECTOR</p></div><div><p>DRIVER-SIDE SIDE AIR BAG MODULE WIRING HARNESS-SIDE CONNECTOR</p></div></div>		

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT DRIVER-SIDE SIDE AIR BAG MODULE</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> <li>- DS_AB</li> <li>Is the resistance of the driver-side side air bag module normal?</li> <li>- Resistance: <b>1.4-3.2 ohms</b></li> </ul>	<p>Yes</p> <p>Replace the SAS control module. (See <a href="#">SAS CONTROL MODULE REMOVAL/INSTALLATION</a>.)</p>
		<p>No</p> <p>Go to the next step.</p>
	<b>INSPECT DRIVER-SIDE SIDE AIR BAG MODULE CONNECTOR</b>	

2	<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 driver-side side air bag module connector.</li> <li>Is there any malfunction of the driver-side side air bag module connector?</li> </ul>	Yes	Replace the air bag wiring harness.
		No	Go to the next step.
3	<p><b>VERIFY WHETHER MALFUNCTION IS IN DRIVER-SIDE SIDE AIR BAG MODULE OR RELATED WIRING HARNESS</b></p> <ul style="list-style-type: none"> <li>Connect the leads of the <b>SST</b> (Fuel and thermometer checker) or apply <b>2-ohm</b> resistance to driver-side side air bag module connector terminals A and B.</li> <li>Set the resistance of the <b>SST</b> (Fuel and thermometer checker) to the <b>2-ohm</b> position.</li> <li>Connect the negative battery cable.</li> <li>Turn the ignition switch to the ON position.</li> <li>Are DTCs B1047, B1992, B1993, B1994, and/or B1995 indicated?</li> </ul>	Yes	Go to the next step.
		No	Replace the driver-side side air bag module. (See <a href="#">SIDE AIR BAG MODULE REMOVAL/INSTALLATION.</a> )
4	<p><b>INSPECT WIRING HARNESS BETWEEN DRIVER-SIDE SIDE AIR BAG MODULE 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>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>Inspect the wiring harness between SAS control module terminal 2B and driver-side side air bag module terminal A, SAS control module terminal 2F and driver-side side air bag module terminal B for the following:</li> </ul> <ul style="list-style-type: none"> <li>- Short to ground</li> <li>- Short to power supply</li> <li>- Open circuit</li> </ul> <ul style="list-style-type: none"> <li>Is the wiring harness normal?</li> </ul>	Yes	Replace the SAS control module. (See <a href="#">SAS CONTROL MODULE REMOVAL/INSTALLATION.</a> )
		No	Replace the air bag wiring harness.