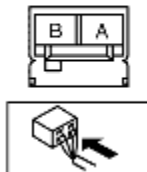


DTC B1046, B2773, B2774, B2775, B2776

B3E080201046W28

DTC	B1046	Driver-side curtain air bag module and other air bag module circuits short
	B2773	Driver-side curtain air bag module circuit resistance low
	B2774	Driver-side curtain air bag module circuit resistance high
	B2775	Driver-side curtain air bag module circuit short to body ground
	B2776	Driver-side curtain air bag module circuit short to power supply
DETECTION CONDITION	<p>Warning</p> <ul style="list-style-type: none">• 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.• Resistance other than 1.4-3.2 ohms detected in driver-side curtain air bag module circuit• Malfunction in wiring harness between driver-side curtain air bag module and SAS control module	
POSSIBLE CAUSE	<ul style="list-style-type: none">• Open or short circuit in wiring harness between driver-side curtain air bag module and SAS control module• Driver-side curtain air bag module malfunction• SAS control module malfunction	
<p>DRIVER-SIDE CURTAIN AIR BAG MODULE WIRING HARNESS-SIDE CONNECTOR</p> 		

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT DRIVER-SIDE CURTAIN AIR BAG MODULE <ul style="list-style-type: none"> Using the WDS or equivalent, verify the following PID/DATA monitor. (See PID/DATA MONITOR TABLE.) - DFCURTRES Is the resistance of the driver-side curtain air bag module normal? - Resistance: 1.4-3.2 ohms 	<p>Yes</p> <p>Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)</p>
		<p>No</p> <p>Go to the next step.</p>
	INSPECT DRIVER-SIDE CURTAIN AIR BAG MODULE CONNECTOR <p>Warning</p> <ul style="list-style-type: none"> Handling the air bag system components improperly can accidentally deploy the air bag modules and pre- 	<p>Yes</p> <p>Replace the air bag wiring harness.</p>

2	<p>tensioner front buckles, which may seriously injure you. Read the service warnings and cautions before handling the air bag system components. (See SERVICE WARNINGS.) (See SERVICE CAUTIONS.)</p> <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Disconnect the negative battery cable and wait for 1 min or more. • Disconnect the driver-side curtain air bag module connector. • Is there any malfunction of the driver-side curtain air bag module connector? 	No	Go to the next step.
3	<p>VERIFY WHETHER MALFUNCTION IS IN DRIVER-SIDE CURTAIN AIR BAG MODULE OR RELATED WIRING HARNESS</p> <ul style="list-style-type: none"> • Connect the leads of the SST (Fuel and thermometer checker) or apply 2-ohm resistance to driver-side curtain air bag module connector terminals A and B. • Set the resistance of the SST (Fuel and thermometer checker) to the 2-ohm position. • Connect the negative battery cable. • Turn the ignition switch to the ON position. • Are DTCs B1046, B2773, B2774, B2775 and/or B2776 indicated? 	Yes	Replace the air bag wiring harness, then go to the next step.
		No	Replace the driver-side curtain air bag module. (See CURTAIN AIR BAG MODULE REMOVAL/INSTALLATION.)
4	<p>INSPECT SAS CONTROL MODULE</p> <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Disconnect the negative battery cable and wait for 1 min or more. • Connect the driver-side curtain air bag module connector. • Are DTCs B1046, B2773, B2774, B2775 and/or B2776 indicated? 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)
		No	DTC troubleshooting completed.