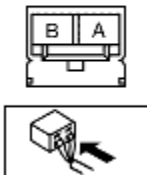


DTC B1056, B2777, B2778, B2779, B2780

B3E080201046W29

DTC	B1056	Passenger-side curtain air bag module and other air bag module circuits short
	B2777	Passenger-side curtain air bag module circuit resistance low
	B2778	Passenger-side curtain air bag module circuit resistance high
	B2779	Passenger-side curtain air bag module circuit short to body ground
	B2780	Passenger-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 passenger-side curtain air bag module circuit• Malfunction in wiring harness between passenger-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 passenger-side curtain air bag module and SAS control module• Passenger-side curtain air bag module malfunction• SAS control module malfunction	
<p>PASSENGER-SIDE CURTAIN AIR BAG MODULE WIRING HARNESS-SIDE CONNECTOR</p> 		

Diagnostic procedure

STEP	INSPECTION		ACTION
1	INSPECT PASSENGER-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.) - PFCURTRES Is the resistance of the passenger-side curtain air bag module normal? - Resistance: 1.4-3.2 ohms 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)
		No	Go to the next step.
	INSPECT PASSENGER-SIDE CURTAIN AIR BAG MODULE CONNECTOR <p>Warning</p>		

2	<ul style="list-style-type: none"> 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 SERVICE WARNINGS.) (See SERVICE CAUTIONS.) 	Yes	Replace the air bag wiring harness.
		No	Go to the next step.
3	VERIFY WHETHER MALFUNCTION IS IN PASSENGER-SIDE CURTAIN AIR BAG MODULE OR RELATED WIRING HARNESS <ul style="list-style-type: none"> Connect the leads of the SST (Fuel and thermometer checker) or apply 2-ohm resistance to passenger-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 B1056, B2777, B2778, B2779 and/or B2780 indicated? 	Yes	Replace the air bag wiring harness, then go to the next step.
		No	Replace the passenger-side curtain air bag module. (See CURTAIN AIR BAG MODULE REMOVAL/INSTALLATION .)
4	INSPECT SAS CONTROL MODULE <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 passenger-side curtain air bag module connector. Are DTCs B1056, B2777, B2778, B2779 and/or B2780 indicated? 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION .)
		No	DTC troubleshooting completed.