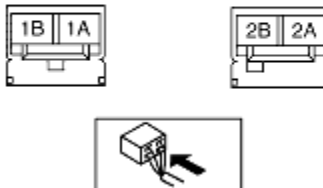


DTC B1059, B2229, B2231, B2233, B2235

B3E080201046W21

DTC	B1059	Passenger-side air bag module (inflator No.2) and other air bag module circuits short
	B2229	Passenger-side air bag module (inflator No.2) circuit short to body ground
	B2231	Passenger-side air bag module (inflator No.2) circuit short to power supply
	B2233	Passenger-side air bag module (inflator No.2) circuit resistance high
	B2235	Passenger-side air bag module (inflator No.2) circuit resistance low
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 1.4-2.9 ohms detected in passenger-side side air bag module circuit• Malfunction in wiring harness between passenger-side air bag module (inflator No.2) and SAS control module	
POSSIBLE CAUSE	<ul style="list-style-type: none">• Open or short circuit in wiring harness between passenger-side air bag module (inflator No.2) and SAS control module• Passenger-side air bag module (inflator No.2) malfunction• SAS control module malfunction	
<p style="text-align: center;">PASSENGER-SIDE AIR BAG MODULE WIRING HARNESS-SIDE CONNECTOR</p> <p style="text-align: center;">(INFLATOR NO.1) (INFLATOR NO.2)</p> <div style="text-align: center;"></div>		

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT PASSENGER-SIDE AIR BAG MODULE (INFLATOR NO.2) <ul style="list-style-type: none"> Using the WDS or equivalent, verify the following PID/DATA monitor. (See PID/DATA MONITOR TABLE.) - P_ABAGR2 Is the resistance of the passenger-side air bag module normal? - Resistance: 1.4-2.9 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 PASSENGER-SIDE AIR BAG MODULE (INFLATOR NO.2) 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 pre-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.) 	Yes	Replace the air bag wiring harness.
		No	Go to the next step.
3	VERIFY WHETHER MALFUNCTION IS IN PASSENGER-SIDE AIR BAG MODULE (INFLATOR NO.2) 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 air bag module (inflator No.1) connector terminals 1A and 1B, and passenger-side air bag module (inflator No.2) connector terminals 2A and 2B. 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 B1059, B2229, B2231, B2233 and/or B2235 indicated? 	Yes	Replace the air bag wiring harness, then go to the next step.
		No	Replace the passenger-side air bag module. (See PASSENGER-SIDE 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 air bag module connector. Are DTCs B1059, B2229, B2231, B2233 and/or B2235 indicated? 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION .)
		No	DTC troubleshooting completed.