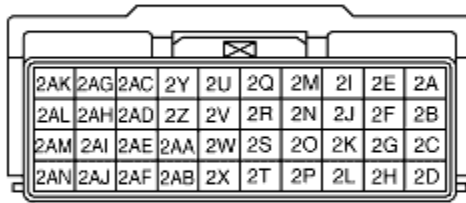





DTC B1055, B1996, B1997, B1998, B1999

B3E080201046W19

DTC	B1055	Passenger-side side air bag module and other air bag module circuits short
	B1996	Passenger-side side air bag module circuit short to power supply
	B1997	Passenger-side side air bag module circuit short to body ground
	B1998	Passenger-side side air bag module circuit resistance high
	B1999	Passenger-side side air bag module 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 1.4-3.2 ohms detected in passenger-side side air bag module circuit• Malfunction in wiring harness between passenger-side side 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 side air bag module and SAS control module• Passenger-side side air bag module malfunction• SAS control module malfunction	
<div><div>SAS CONTROL MODULE WIRING HARNESS-SIDE CONNECTOR</div><div></div><div></div></div> <div><div>PASSENGER-SIDE SIDE AIR BAG MODULE WIRING HARNESS-SIDE CONNECTOR</div><div></div><div></div></div>		

Diagnostic procedure

STEP	INSPECTION		ACTION
1	INSPECT PASSENGER-SIDE SIDE 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.) - PS_AB Is the resistance of the passenger-side side 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 SIDE AIR BAG MODULE CONNECTOR		

2	<p>Warning</p> <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	<p>VERIFY WHETHER MALFUNCTION IS IN PASSENGER-SIDE SIDE 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 passenger-side side 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 B1055, B1996, B1997, B1998 and/or B1999 indicated? 	Yes	Go to the next step.
		No	Replace the passenger-side side air bag module. (See SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
4	<p>INSPECT WIRING HARNESS BETWEEN PASSENGER-SIDE SIDE AIR BAG MODULE AND 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. Disconnect the driver and passenger-side front seat connectors. Disconnect the driver and passenger-side curtain air bag module connectors. Remove the console. Inspect the wiring harness between SAS control module terminal 2M and passenger-side side air bag module terminal A, SAS control module terminal 2I and passenger-side side air bag module terminal B for the following: <ul style="list-style-type: none"> - Short to ground - Short to power supply - Open circuit Is the wiring harness normal? 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)
		No	Replace the air bag wiring harness.