

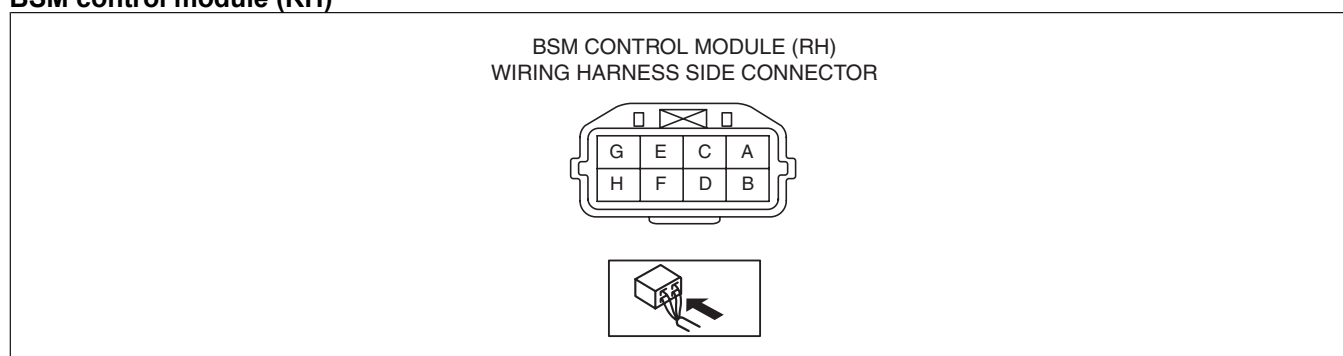
BLIND SPOT MONITORING (BSM) CONTROL MODULE INSPECTION

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1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the rear combination light. (See REAR COMBINATION LIGHT REMOVAL/INSTALLATION.)
3. Remove the rear bumper. (See REAR BUMPER REMOVAL/INSTALLATION.)
4. Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
5. Verify that the voltages of each of the terminals are as indicated in the terminal voltage table (reference).
 - If the voltage is not as specified in the terminal voltage table (reference), inspect the parts under Inspection item(s).
 - If the system does not operate normally even though the inspection items are normal, replace the BSM control module (RH) or BSM control module (LH).

Terminal Voltage Table (Reference)

BSM control module (RH)

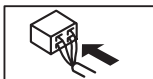
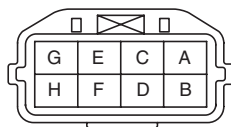


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Terminal	Signal name	Connected to	Measurement conditions	Voltage (V)	Inspection item(s)
A	Ground	Body ground	Under any condition	1.0 or less	• Related wiring harness
B	Power position (IG1)	IG relay	Ignition switched ON (Engine off or on)	B+	• C/U IG1 fuse
			Ignition switched off (LOCK) or ACC	1.0 or less	• IG relay • Related wiring harness
C	—	—	—	—	—
D	BSM indicator light (RH) signal	BSM indicator light (RH)	Turn off BSM indicator light using BSM system simulation WRN_IND_R	1.0 or less	• BSM indicator light (RH) • Related wiring harness
			Turn on BSM indicator light using rear vehicle monitoring system simulation WRN_IND_R	B+	
E	—	—	—	—	—
F	—	—	—	—	—
G	MS-CAN_L	Related module	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
H	MS-CAN_H	Related module	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		

BSM control module (LH)

BSM CONTROL MODULE (LH)
WIRING HARNESS SIDE CONNECTOR



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Terminal	Signal name	Connected to	Measurement conditions	Voltage (V)	Inspection item(s)
A	Ground	Body ground	Under any condition	1.0 or less	• Related wiring harness
B	Power position (1G1)	IG relay	Ignition switched ON (engine off or on)	B+	• C/U IG1 fuse • IG relay • Related wiring harness
			Ignition switched off (LOCK) or ACC	1.0 or less	
C	—	—	—	—	—
D	BSM indicator light (LH) signal	BSM indicator light (LH)	Turn off BSM indicator light using BSM system simulation WRN_IND_L	1.0 or less	• BSM indicator light (LH) • Related wiring harness
			Turn on BSM indicator light using rear vehicle monitoring system simulation WRN_IND_L	B+	
E	Ground	Body ground	Under any condition	1.0 or less	• Related wiring harness
F	—	—	—	—	—
G	MS-CAN_L	Related module	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		
H	MS-CAN_H	Related module	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		