

DTC B1175:11 [REAR BODY CONTROL MODULE (RBCM)]

id0902p4014200

System malfunction location	Front door latch switch (driver's side) circuit malfunction
Detection condition	<ul style="list-style-type: none"> With the front door (driver's side) closed (front door latch switch (driver's side) off), the rear body control module (RBCM) detects a short to ground in the front door latch switch (driver's side) circuit.
Fail-safe	—
Possible cause	<ul style="list-style-type: none"> Front door latch and lock actuator (driver's side) connector or terminal malfunction Front door latch switch (driver's side) malfunction Rear body control module (RBCM) connector or terminal malfunction Short to ground in wiring harness between the following terminals: <ul style="list-style-type: none"> L.H.D.: <ul style="list-style-type: none"> Rear body control module (RBCM) terminal 3W and front door latch and lock actuator (LH) terminal L R.H.D.: <ul style="list-style-type: none"> Rear body control module (RBCM) terminal 3W and front door latch and lock actuator (RH) terminal B Rear body control module (RBCM) malfunction

L.H.D.

R.H.D.

RBCM WIRING HARNESS-SIDE CONNECTOR

3W	3U	3S	3Q	3O	3M	3K	3I	3G	3E	3C	3A
3X	3V	3T	3R	3P	3N	3L	3J	3H	3F	3D	3B

FRONT DOOR LATCH AND LOCK ACTUATOR (LH)/(RH) WIRING HARNESS-SIDE CONNECTOR

K	I	G	E	C	A
L	J	H	F	D	B

Diagnostic Procedure

Step	Inspection	Action	
1	VERIFY REAR BODY CONTROL MODULE (RBCM) DTCs AGAIN <ul style="list-style-type: none"> • Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].) • Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].) • Is DTC B1175:11 displayed? 	Yes	Go to the next step.
		No	Go to Step 7.
2	INSPECT FRONT DOOR LATCH AND LOCK ACTUATOR (DRIVER'S DOOR) CONNECTOR <ul style="list-style-type: none"> • Switch the ignition to off. • 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-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Disconnect the front door latch and lock actuator (driver's side) connector. • Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection. • Is the connector normal? 	Yes	Go to the next step.
		No	Repair or replace the connector, then go to Step 6.
3	INSPECT FRONT DOOR LATCH SWITCH (DRIVER'S DOOR) <ul style="list-style-type: none"> • Inspect the front door latch switch (driver's door). (See FRONT DOOR LATCH SWITCH INSPECTION.) • Is the front door latch switch (driver's door) normal? 	Yes	Go to the next step.
		No	Replace the front door latch and lock actuator (driver's side), then go to Step 6. (See FRONT DOOR LATCH AND LOCK ACTUATOR REMOVAL/INSTALLATION.)
4	INSPECT REAR BODY CONTROL MODULE (RBCM) CONNECTOR CONDITION <ul style="list-style-type: none"> • Disconnect the rear body control module (RBCM) connector. • Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection. • Is the connector normal? 	Yes	Go to the next step.
		No	Repair or replace the connector, then go to Step 6.

Step	Inspection	Action
5	INSPECT FRONT DOOR LATCH SWITCH (DRIVER'S SIDE) CIRCUIT FOR SHORT TO GROUND <ul style="list-style-type: none"> • Verify that the rear body control module (RBCM) connector and front door latch and lock actuator (driver's side) connector are disconnected. • Inspect for continuity between the following terminals (vehicle wiring harness side) and body ground. <ul style="list-style-type: none"> — L.H.D.: <ul style="list-style-type: none"> • Front door latch and lock actuator (LH) terminal L — R.H.D.: <ul style="list-style-type: none"> • Front door latch and lock actuator (RH) terminal B • Is there continuity? 	Yes
		No
6	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • Reconnect all the disconnected connectors. • Reconnect the disconnected negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].) • Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].) • Is DTC B1175:11 displayed? 	Yes
		No
7	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none"> • Are any other DTCs displayed? 	Yes
		No