

DTC B1314:11 [FRONT BODY CONTROL MODULE (FBCM)]

id0902p2008000

System malfunction location	Illumination output circuit malfunction
Detection condition	• The front body control module (FBCM) detects a short to ground in the illumination output circuit with the ignition switched ON (engine off or on).
Fail-safe	—
Possible cause	• Front body control module (FBCM) connector or terminal malfunction • Illuminations malfunction • Short to ground in front body control module (FBCM) illumination output circuit • Front body control module (FBCM) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY FRONT BODY CONTROL MODULE (FBCM) DTCs AGAIN • Clear front body control module (FBCM) DTCs using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].) • Switch the ignition ON (engine off or on). • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is DTC B1314:11 displayed?	Yes Go to the next step.
		No Go to Step 6.
2	VERIFY FRONT BODY CONTROL MODULE (FBCM) DTCs • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [FRONT BODY CONTROL MODULE (FBCM)].)
		No Go to the next step.
3	INSPECT FRONT BODY CONTROL MODULE (FBCM) CONNECTOR CONDITION • 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 body control module (FBCM) 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 5.

Step	Inspection	Action
4	INSPECT FRONT BODY CONTROL MODULE (FBCM) ILLUMINATION OUTPUT CIRCUIT FOR SHORT TO GROUND <ul style="list-style-type: none"> • Verify that the front body control module (FBCM) connector is disconnected. • Turn the light switch to the TNS position. • Inspect for continuity between front body control module (FBCM) terminal 3J and body ground. • Is there continuity? 	Yes Inspect the illuminations. <ul style="list-style-type: none"> • If there is any malfunction: <ul style="list-style-type: none"> — Replace the malfunctioning illuminations, then go to the next step. • If there is no malfunction: <ul style="list-style-type: none"> — Repair or replace the wiring harness which has a short to ground, then go to the next step.
		No Go to the next step.
5	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].) • Clear front body control module (FBCM) DTCs using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].) • Switch the ignition ON (engine off or on). • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is DTC B1314:11 displayed? 	Yes Repeat the inspection from Step 1. <ul style="list-style-type: none"> • If the malfunction recurs, replace the front body control module (FBCM), then go to the next step. (See FRONT BODY CONTROL MODULE (FBCM) REMOVAL/INSTALLATION.)
		No Go to the next step.
6	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none"> • Are any other DTCs displayed? 	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [FRONT BODY CONTROL MODULE (FBCM)].)
		No DTC troubleshooting completed.