

DTC U0599:68 [FRONT BODY CONTROL MODULE (FBCM)]

id0902p2010900

System malfunction location	Error signal received from DC-DC converter
Detection condition	• The front body control module (FBCM) receives error signals from the DC-DC converter for 5 s or more with the ignition switched ON (engine off or on).
Fail-safe	—
Possible cause	• DC-DC converter malfunction • Front body control module (FBCM) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS DC-DC CONVERTER • 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) and wait for 5 s or more . • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is the DTC U0599:68 displayed?	Yes Replace the DC-DC converter, then go to the next step. (See DC-DC CONVERTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DC-DC CONVERTER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No Go to Step 3.
2	VERIFY THAT REPAIRS HAVE BEEN COMPLETED • 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) and wait for 5 s or more . • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is the DTC U0599:68 displayed?	Yes 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.
3	VERIFY IF OTHER DTCs DISPLAYED • 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.