

DTC U0415:68 [FRONT BODY CONTROL MODULE (FBCM)]

id0902p2010700

System malfunction location	Error signal received from DSC HU/CM
Detection condition	• The front body control module (FBCM) receives error Low-G (XY) sensor (built-into SAS control module) signals from the DSC HU/CM for 5 s or more with the ignition switched ON (engine off or on).
Fail-safe	—
Possible cause	• Low-G (XY) sensor (built-into SAS control module) malfunction • DSC HU/CM malfunction • Front body control module (FBCM) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY FRONT BODY CONTROL MODULE (FBCM) DTCs AGAIN <ul style="list-style-type: none">• 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 DTC U0415:68 displayed?	Yes Go to the next step.
		No Go to Step 6.
2	VERIFY DSC HU/CM DTCs <ul style="list-style-type: none">• Perform the DTC inspection for the DSC HU/CM using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)• Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No Go to the next step.
3	VERIFY SAS CONTROL MODULE DTCs <ul style="list-style-type: none">• Perform the DTC inspection for the SAS control module using the M-MDS. (See DTC INSPECTION.)• Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE.)
		No Go to the next step.
4	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS DSC HU/CM <ul style="list-style-type: none">• 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 DTC U0415:68 displayed?	Yes Replace the DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
		No Go to Step 6.

Step	Inspection	Action
5	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • 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 DTC U0415:68 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.
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.