

DTC B10A6:64 [FRONT BODY CONTROL MODULE (FBCM)]

id0902p2008300

System malfunction location	Light switch error signal received
Detection condition	• The front body control module (FBCM) receives error signals from the start stop unit for 5 s or more with the ignition switched ON (engine off or on).
Fail-safe	—
Possible cause	• Start stop unit malfunction • Light switch 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 B10A6:64 displayed?	Yes Go to the next step.
		No Go to Step 4.
2	INSPECT LIGHT SWITCH <ul style="list-style-type: none">• Inspect the light switch. (See LIGHT SWITCH INSPECTION.)• Is the light switch normal?	Yes Replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)
		No Replace the light switch, then go to the next step. (See LIGHT SWITCH REMOVAL/INSTALLATION.)
3	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 B10A6:64 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.
4	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.