DTC B1087:88 [FRONT BODY CONTROL MODULE (FBCM)]

System malfunction location	LIN communication error
Detection condition	• LIN bus communication line malfunction detected for **1 s or more**
Fail-safe	—
Possible cause	• Malfunction in LIN bus communication line • 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) and wait for **1 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 B1087:88 displayed?	Yes	A malfunction in LIN bus communication line can be considered. • Repair or replace the wiring harness between the DC-DC converter and front body control module (FBCM), then go to the next step. • Repair or replace the wiring harness between the current sensor and front body control module (FBCM), then go to the next step.
		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 **1 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 B1087:88 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.