

DTC B10AD:86 [FRONT BODY CONTROL MODULE (FBCM)]

id0902p2007500

System malfunction location	Error signal received from auto-light sensor/rain sensor
Detection condition	• The front body control module (FBCM) receives error signals from the auto-light sensor/rain sensor 10 times continuously with the ignition switched ON (engine off or on).
Fail-safe	—
Possible cause	• Auto-light sensor/rain sensor 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 AUTO-LIGHT SENSOR/RAIN SENSOR • 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 B10AD:86 displayed?	Yes Replace the auto-light sensor/rain sensor, then go to the next step. (See RAIN SENSOR REMOVAL/INSTALLATION.)
		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). • Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].) • Is DTC B10AD:86 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.