

DTC B109F:86 [REAR BODY CONTROL MODULE (RBCM)]

id0902p4013200

System malfunction location	Intruder sensor signal error
Detection condition	• Rear body control module (RBCM) receives error signal from intruder sensor for 1.5 s or more .
Fail-safe	—
Possible cause	• Intruder sensor malfunction • Rear body control module (RBCM) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY REAR BODY CONTROL MODULE (RBCM) DTCs AGAIN <ul style="list-style-type: none">• Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].)• Switch the ignition ON (engine on) and wait for 3 s or more.• Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].)• Is DTC B109F:86 displayed?	Yes A malfunction in LIN bus communication line can be considered. <ul style="list-style-type: none">• Repair or replace the wiring harness between the rear body control module (RBCM) and the intruder sensor, then go to the next step.
		No Go to Step 4.
2	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS INTRUDER SENSOR <ul style="list-style-type: none">• Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].)• Switch the ignition ON (engine on) and wait for 3 s or more.• Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].)• Is DTC B10A5:86 displayed?	Yes Replace the intruder sensor, then go to the next step. (See INTRUDER SENSOR REMOVAL/INSTALLATION.)
		No Go to Step 4.
3	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none">• Clear rear body control module (RBCM) DTCs using the M-MDS. (See CLEARING DTC [REAR BODY CONTROL MODULE (RBCM)].)• Switch the ignition ON (engine on) and wait for 3 s or more.• Perform the DTC inspection for the rear body control module (RBCM) using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].)• Is DTC B109F:86 displayed?	Yes Replace the rear body control module (RBCM), then go to the next step. (See REAR BODY CONTROL MODULE (RBCM) 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 [REAR BODY CONTROL MODULE (RBCM)].)
		No DTC troubleshooting completed.