

SRS MIL "ON" DTC B1000

Service Category Vehicle Interior

Section Supplemental Restraint Systems

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2015 - 2017	NX200T, NX300H	
2016 - 2017	RX350, RX450H	

Introduction

Some 2015 – 2017 model year NX 200t, NX 300h, and 2016 – 2017 model year RX 350 and RX 450h vehicles may exhibit an intermittent MIL "ON" condition with Diagnostic Trouble Code (DTC) B1000 (Center Airbag Sensor Assembly Malfunction) stored in the history. This condition does not affect the proper operation of the Supplemental Restraint System (SRS). The SRS Electronic Control Unit (ECU) logic has been modified to reduce the possibility of this condition occurring. Use the following Repair Procedure to address this condition.

Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFP	T1	T2
EL9057	Reprogram SRS ECU	NX 200t, NX 300h	0.4	89170-78010	8B	71
		RX 350, RX 450h	0.4	89170-0E191 89170-0E201 89170-48A81		

APPLICABLE WARRANTY

- This repair is covered under the Lexus Powertrain Warranty. This warranty is in effect for 72 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

MODEL	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
NX 200t, NX 300h		89170-78010	Computer Assy, Air Bag	1
RX 350, RX 450h		89170-0E191		
		89170-0E201		
		89170-48A81		

NOTE

The ECU should NOT be replaced as part of the Repair Procedure.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 12.10.018 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

* Essential SST.

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Calibration Information

MODEL	Model Year	CALIBRATION ID	
		PREVIOUS	NEW
NX 200t, NX 300h	2015 – 2017	8917F78012	8917F78013
RX 350, RX 450h	2016 – 2017	8917F48324	8917F48325
		8917F0E104	8917F0E105
		8917F0E114	8917F0E115

Repair Procedure

- Using Techstream, check for stored DTCs.
Are there ANY DTCs other than DTC B1000 present?
 - NO** — Continue to step 2.
 - YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- Flash reprogram the SRS ECU.

NOTE

- The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the GR8 Battery Diagnostic Station, refer to the "[GR8 Instruction Manual](#)" located on the Technical Information System (TIS), *Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin No. [L-SB-0021-14](#) "Techstream ECU Flash Reprogramming Procedure," and flash the SRS ECU with the NEW calibration file update.

- Start the engine and perform a Health Check to confirm proper vehicle operation.