

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	

REVISION NOTICE

September 12, 2018 Rev1:

- The Warranty Information, Parts Information, and Calibration Information sections have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2015 – 2017 model year NX200t, NX300h, and 2016 – 2017 model year RX350 and RX450h 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. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OPF	T1	T2
EL9057	Reprogram SRS ECU	NX200t, NX300h	0.4	89170-78010	8B	71
		RX350, RX450h	0.4	89170-0E190 89170-0E191 89170-0E201 89170-48A81		

APPLICABLE WARRANTY

- This repair is covered under the Lexus Restraint System 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		
NX200t, NX300h	89170-78010		Computer Assy, Air Bag	1
RX350, RX450h	89170-0E190			
	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	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 13.10.019 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

*Essential SST.

NOTE

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

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Calibration Information

MODEL	MODEL YEAR	CALIBRATION ID	
		PREVIOUS	NEW
NX200t, NX300h	2015 – 2017	8917F78012	8917F78013
RX350, RX450h	2016 – 2017	8917F48324	8917F48325
		8917F0E103	8917F0E210
		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 TIS, *Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin No. [L-SB-0001-18](#) *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.