

Blind Spot Monitor DTC C1AB2/C1AB3

Service Category Audio/Visual/Telematics

Section Park Assist/Monitoring

Market USA

Lexus Supports
ASE Certification 

Applicability

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

Introduction

Some 2015 – 2016 model year NX 200t and NX 300h vehicles equipped with blind spot monitor may exhibit a blind spot monitor warning message with Diagnostic Trouble Code (DTC) C1AB2 (Short to Ground in Outer Mirror Indicator [Master]) or C1AB3 (Short to Ground in Outer Mirror Indicator [Slave]) present. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

- ALL 2015 model year vehicles.
- 2016 model year vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
NX 200t	2WD	JTJYARBZ#G2042100
	AWD	JTJBARBZ#G2084425
NX 300h	2WD	JTJYWRBZ#G2012718
	AWD	JTJB JRBZ#G2045529

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL9051	Replace Blind Spot Monitor Sensor (One Side)	2.5	88162-0W170	8A	74
EL9051A	Other Side	0.5			

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 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.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
88162-0W170	88162-78010	Sensor, Blind Spot Monitor	1

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Laser Radar Adjusting Reflector*	09870-60000	1
Reflector C*	09870-60040	1

* Essential SST.

NOTE

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

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 13.00.022 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Using Techstream, check for the following stored DTCs:
C1AB2 – Short to Ground in Outer Mirror Indicator (Master)
C1AB3 – Short to Ground in Outer Mirror Indicator (Slave)
Is either DTC present?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

NOTE

If blind spot monitor DTCs C1AC1 (Master Module Horizontal Axis Misalignment) or C1AC2 (Slave Module Horizontal Axis Misalignment) are present, they MUST be corrected BEFORE proceeding with this Service Bulletin.

2. Replace the blind spot monitor sensor indicated by the DTC.

A. Remove the blind spot monitor sensor.

Refer to TIS, applicable model and model year Repair Manual:

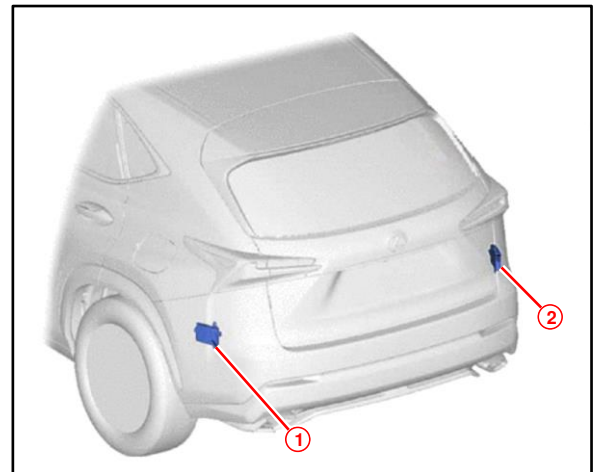
- 2015 – 2016 NX 200t:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor Sensor: Removal](#)”
- 2015 – 2016 NX 300h:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor Sensor: Removal](#)”

B. Install the NEW blind spot monitor sensor.

Refer to TIS, applicable model and model year Repair Manual:

- 2015 – 2016 NX 200t:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor Sensor: Installation](#)”
- 2015 – 2016 NX 300h:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor Sensor: Installation](#)”

Figure 1. Sensor Location



1	Blind Spot Monitor Sensor Master
2	Blind Spot Monitor Sensor Slave

Blind Spot Monitor DTC C1AB2/C1AB3

Repair Procedure (continued)

3. Perform the **Blind Spot Monitor Beam Axis Inspection**.

Refer to TIS, applicable model and model year Repair Manual:

- 2015 – 2016 NX 200t:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”
- 2015 – 2016 NX 300h:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”

NOTE

The Blind Spot Monitor Beam Axis Inspection may have been included as part of sensor installation and only needs to be performed once.

4. Perform the **Blind Spot Monitor Beam Axis Confirmation**.

Refer to TIS, applicable model and model year Repair Manual:

- 2015 – 2016 NX 200t:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”
- 2015 – 2016 NX 300h:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”

NOTE

The Blind Spot Monitor Beam Axis Confirmation may have been included as part of sensor installation and only needs to be performed once.

5. Clear the DTCs using Techstream.
6. Verify proper operation of the blind spot monitor system.