

L-SB-0019-13

April 12, 2013

Warning Message Displayed While Driving

Service Category Vehicle Exterior

Section Door/Hatch

Market USA

Lexus Supports ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 – 2013	RX350, RX450H	

Introduction

Some 2012 – 2013 model year RX 350 or RX 450h vehicles may display a “Back Door Open” or “Key Detected in Vehicle” warning message intermittently on the combination meter while the vehicle is in motion. This message may be triggered if the courtesy switch in the back door lock assembly intermittently changes to the door open position while the hatch is in the closed position. A new back door lock assembly is available to address this condition.

NOTE
 This repair procedure applies **ONLY** to vehicles with an intermittent and difficult-to-reproduce condition. If the condition can be easily reproduced, the back door lock assembly may not be the root cause. Per the Repair Manual, two other vehicle subsystems may cause this condition or a condition similar to it: the combination meter or the main body ECU. Follow the appropriate Repair Manual procedures to diagnose those systems.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
642361	Back Door Lock Assembly	0.5	69350-0E030 69350-0E031 69350-48060 69350-48070	87	73

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.

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Production Change Information

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

MODEL	PLANT		DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX 350	TMMC	-	4WD	2T2BK1BA#DC184175
			2WD	2T2ZK1BA#DC106549
	TMK	Line 1	2WD	JTJZK1BA#D2007834
				Line 2
		Line 1	AWD	JTJBK1BA#D2029787
				Line 2
RX 450h		Line 1	2WD	JTJZB1BA#D2008449
				Line 2
	Line 1	AWD	JTJBC1BA#D2061829	
			Line 2	JTJBC1BA#D2448513

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
69350-0E030	69350-0E032	Lock Assembly, Back Door with Closer	1
69350-0E031			1
69350-48060	69350-48061		1
69350-48070	69350-48071		1

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	<u>00002-06000-01</u>	1

* Essential SST.

<p>NOTE Additional SSTs may be ordered by calling 1-800-933-8335.</p>

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Repair Procedure

1. Verify the concern as described in the Introduction.

Is the condition easily reproduced?

- **YES** — This bulletin does NOT apply. Two other vehicle subsystems may be the cause: combination meter or main body ECU. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 2.
2. Attempt to reproduce the condition ("*Back Door Open*" or "*Key Detected in Vehicle*" displays on the combination meter while vehicle is in motion). Open and close the rear hatch, then test drive the vehicle.

NOTE

Verify that the rear hatch is fully closed before driving the vehicle.

3. Replace the back door lock assembly.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- 2012 / 2013 RX 350:
Vehicle Interior – Door Lock – "Door Lock: Back Door Lock: Removal"
 - 2012 / 2013 RX 350:
Vehicle Interior – Door Lock – "Door Lock: Back Door Lock: Installation"
 - 2012 / 2013 RX 450h:
Vehicle Interior – Door Lock – "Door Lock: Back Door Lock: Removal"
 - 2012 / 2013 RX 450h:
Vehicle Interior – Door Lock – "Door Lock: Back Door Lock: Installation"
4. Verify correct operation of the back door lock assembly.