

Power Back Door Inoperative

Service Category Vehicle Exterior

Section Door/Hatch

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016	RX350, RX450H	VDS(s): BGMCA, BZMCA, ZFMCA, ZZMCA

Introduction

Some 2016 model year RX350 and RX450h vehicles may exhibit a condition in which the Power Back Door (PBD) is inoperative in the opening and closing directions with Diagnostic Trouble Code (DTC) B2220 present, or inoperative in the closing direction only with DTCs B2226 and B2227 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.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX350	TMK	AWD	JTJBZMCA#G2008774
	TMMC	2WD	2T2ZZMCA#GC018120
AWD		2T2BZMCA#GC025013	
2WD		2T2ZFMCA#GC001616	
AWD		2T2BGMCA#GC005622	
RX450h			

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1616	R & R Computer, Multiplex Network Door	0.5	89222-0E090 89222-48120	9A	71

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		
89222-0E090	89222-0E070	Computer, Multiplex Network Door	1
89222-48120	89222-48130	Computer, Multiplex Network Door	1

NOTE

P/N 89222-48130 substitutes to P/N 89222-0E070.

Repair Procedure

1. Before proceeding with diagnosis, check the following:
 - A. Confirm the PBD system is turned ON in the combination meter menu.
 - B. Set the PBD opening adjustment to position 5 (maximum opening position).
Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
 - 2016 RX350:
Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Customize Parameters](#)”
 - 2016 RX450h:
Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Customize Parameters](#)”

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Repair Procedure (Continued)

- C. Confirm hatch alignment and adjust or repair if necessary.
Refer to TIS, applicable model and model year Repair Manual:
- 2016 RX350:
Vehicle Exterior – Door/Hatch – [“Door/Hatch: Back Door: Adjustment”](#)
 - 2016 RX450h:
Vehicle Exterior – Door/Hatch – [“Door/Hatch: Back Door: Adjustment”](#)
- D. Confirm touch sensors are undamaged and operating normally.
2. Attempt to operate the PBD.
- A. If the PBD is inoperative in both the opening and closing directions, check for the following conditions:
- DTC B2220 is present.
 - In the opening direction, there is a single long (3 second) beep and the PBD unlatches, but does NOT open.
 - In the closing direction there is a single long (3 second) beep or a short beep followed by a long (3 second) beep. There may be no PBD movement, or the PBD may close a few centimeters and stop.
 - The PBD is inoperative from ALL switches (back door switch, instrument panel switch, and key switch).
- B. If the PBD opens normally, but is inoperative in the closing direction, check for the following conditions:
- DTCs B2226 **and** B2227 are present.
 - In the closing direction there is a single long (3 second) beep or a short beep followed by a long (3 second) beep. There may be no PBD movement, or the PBD may close a few centimeters and stop.
 - The PBD is inoperative from ALL switches (back door switch, instrument panel switch, and key switch).
- Are ALL the conditions listed in A **or** B present?
- **YES** — Go to step 3.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (Continued)

3. Replace the Computer, Multiplex Network Door.

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

- 2016 RX350:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Back Door Closer ECU: Removal / Installation](#)”

- 2016 RX450h:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Back Door Closer ECU: Removal / Installation](#)”

4. Perform the PBD initialization procedure.

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

- 2016 RX350:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Initialization](#)”

- 2016 RX450h:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Initialization](#)”

5. Confirm normal PBD operation.

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

- 2016 RX350:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Operation Check](#)”

- 2016 RX450h:

Vehicle Exterior – Door/Hatch – “[Door/Hatch: Power Back Door System: Operation Check](#)”