



**Technical Service
Information Bulletin**

November 6, 2007

Title:

POWER BACK DOOR NOISE

Models:

'04 – '06 RX 330, '06 – '07 RX 400h,
& '07 – '08 RX 350

ELECTRICAL
EL013-07

Introduction Some customers may experience a condition where the power back door will make a “popping” or “creaking” noise from the power back door drive unit. The power back door drive assembly has been improved to remedy this condition. Use the following procedure to remove and replace the power back door drive assembly.

**Applicable
Vehicles**

- **2004 – 2006** model year **RX 330** vehicles.
- **2006 – 2007** model year **RX 400h** vehicles produced **BEFORE** the Production Change Effective VINs shown below.
- **2007 – 2008** model year **RX 350** vehicles produced **BEFORE** the Production Change Effective VINs shown below.

**Production
Change
Information**

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
RX 350	TMMC	2T2GK31U#8C079180
		2T2HK31U#8C046480
	TMK	JTJGK31U#89850227
		JTJHK31U#89850645
RX 400h	TMK	JTJGW31U#72005666
		JTJHW31U#72037140

**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL7017	R & R Headlining Assembly for Wagon and R & R Power Back Door Drive Assembly	3.5	68910-480##	91	83

Applicable Warranty*:

This repair is covered under the Lexus Comprehensive Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.

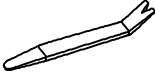

* Warranty application is limited to correction of a problem based upon a customer's specific complaint.



Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
68910-0E010	68910-0E012	Power Back Door, Unit Assembly	1
68910-0E011			1
68910-48010			1
68910-48011			1

Required Tools & Materials

SPECIAL SERVICE TOOLS (SSTs)	PART NUMBER	QTY	DRW**
Plastic Pry Tool Set*	00002-06000-01	1	21
<p>NOTE:</p> <ul style="list-style-type: none"> All components from this kit/set are required. Plastic Panel Clip Removal Tool (P/N 00002-06001-01)  Plastic Emblem Removal Tool (P/N 00002-06002-01)  			

* Essential SSTs.

** Drawer number in SST Storage System.

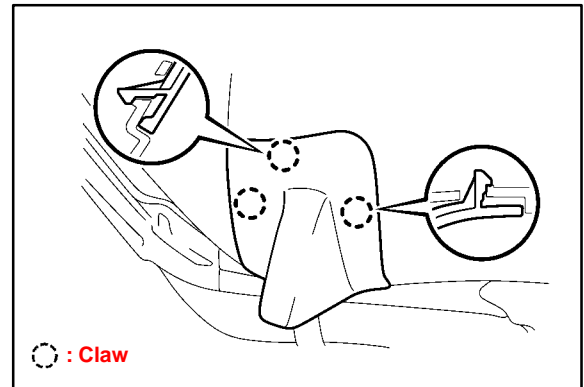
NOTE:
Additional SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

TOOLS & MATERIAL	QUANTITY
Three Bond 1324 or Equivalent (P/N 08833-00070)	As Needed

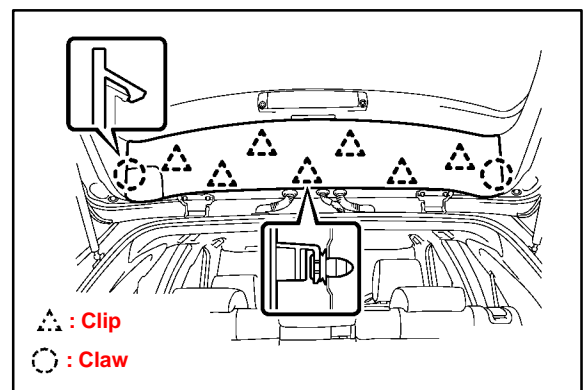
Repair Procedure

1. Record radio presets.
2. Disconnect the battery from the negative (-) battery terminal.
3. Remove the trim panel and power back door linkage from the back door.

Using the plastic pry tool, disengage the 3 claws and remove the trim panel.



4. Remove the back window panel trim upper.
 - A. Using the plastic pry tool, disengage the 2 claws and 7 clips and remove the trim upper.
 - B. Remove the 2 bolts holding the linkage to the door.



5. Remove the roof headlining assembly.

Refer to the Technical Information System (TIS):

- 2004 or 2005 model year RX 330 Repair Manual, *Vehicle Interior – Interior Panels/Trim – “Roof Headlining Assy: Replacement”*
- 2006 model year RX 330 Repair Manual:
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Removal”*
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Installation”*
- 2006 or 2007 model year RX 400h Repair Manual:
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Removal”*
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Installation”*
- 2007 model year RX 350 Repair Manual:
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Removal”*
 - *Vehicle Interior – Interior Panels/Trim – “Interior: Roof Headlining Assy: Installation”*

**Repair
Procedure**
(Continued)

6. Remove the power back door drive assembly.
 - A. Disconnect the connector.
 - B. Remove the 4 bolts and the power back door drive assembly.

7. Install the NEW power back door drive assembly.

- A. Apply adhesive to the threads of the 6 bolts.

Adhesive: Three Bond 1324 (P/N 08833-00070) or equivalent

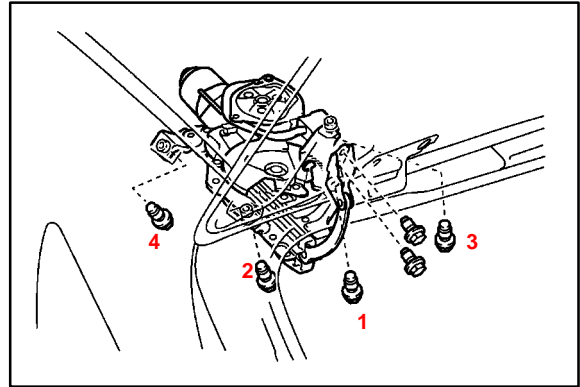
- B. Install the NEW drive unit to the vehicle body with the 4 bolts in the order shown.

**Torque: 31 N•m (316 kgf•cm,
23 ft•lbf)**

- C. Install the drive unit arm to the door with the 2 bolts.

**Torque: 31 N•m (316 kgf•cm,
23 ft•lbf)**

- D. Install the trim panel.



8. Install the roof headlining assembly in reverse order of disassembly.
9. Re-initialize any affected power systems.

Refer to the following TSIBs:

- For 2004 model year — TSIB No. PG002-03, “Pre-Delivery Service (PDS) Information for RX 330”
- For 2005 model year — TSIB No. PD010-05, “Power System Initialization During PDS”
- For 2006 model year — TSIB No. PD009-06, “Power System Initialization During PDS”
- For 2007 model year — TSIB No. PD007-07, “Power System Initialization During PDS”

10. Set radio presets and clock.