

# Groan When Turning Steering Wheel

**Service Category** Steering

**Section** Steering Column

**Market** USA

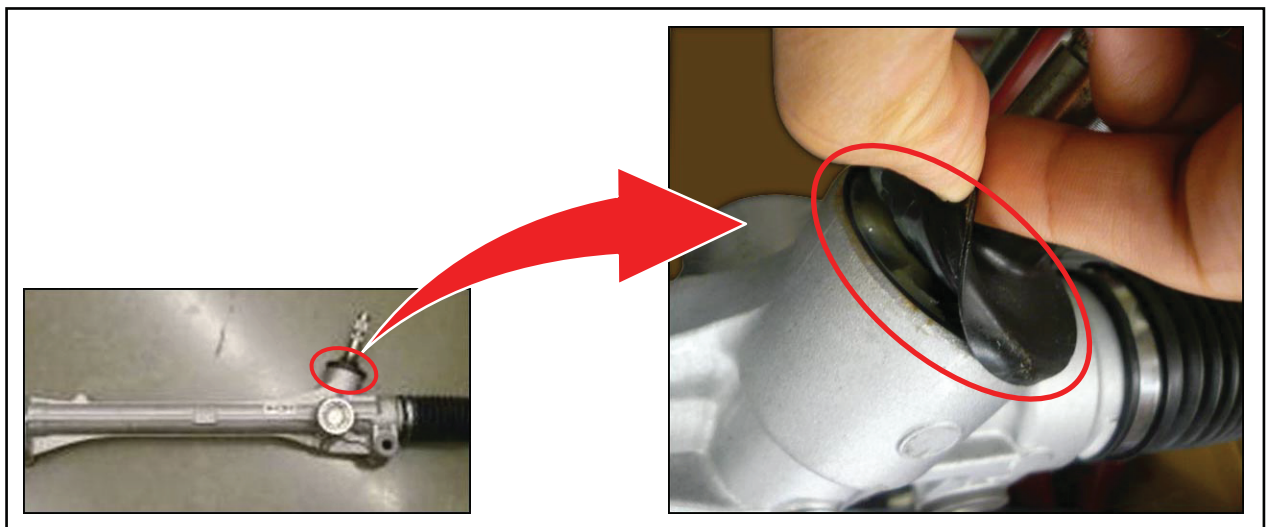
Lexus Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010	RX350	WMI(s): JTJ
2010	RX450H	

## Introduction

Some vehicles may exhibit a groan or squeak type noise when turning the steering wheel left or right while maneuvering at low speeds. If the noise is coming from the steering rack input shaft area, use the following procedure to lubricate the rubber boot for the steering gear input shaft.



Refer to the video link below for an example of the groan/squeak noise.

[RX 350/450h Groan/Squeak Noise Example](#)

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### Production Change Information

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

MODEL	PLANT	LINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX 350	TMK	1	2WD	JTJZK1BA#A2 <u>0</u> 01947
			4WD	JTJBK1BA#A2 <u>4</u> 04785
		2	2WD	JTJZK1BA#A2 <u>4</u> 09225
			4WD	JTJBK1BA#A2 <u>4</u> 19148
RX 450h		1	2WD	JTJZB1BA#A2 <u>0</u> 01991
			4WD	JTJBC1BA#A2 <u>0</u> 17064
		2	2WD	JTJZB1BA#A2 <u>4</u> 05135
			4WD	JTJBC1BA#A2 <u>4</u> 00664

**NOTE**

Underlined number in VIN (12th digit) represents assembly plant line code (0 = Line 1, 4 = Line 2).

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
ST1008	Lubricate Steering Gear Rubber Boot for Input Shaft	0.4	45510-48040	91	99

**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 occurrence of the specified condition described in this bulletin.

### Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
N/A	04007-76133	Grease Kit	2

**NOTE**

Repair requires 2 kits per vehicle. Each kit contains 2 cylinders (2 grams each) of grease.

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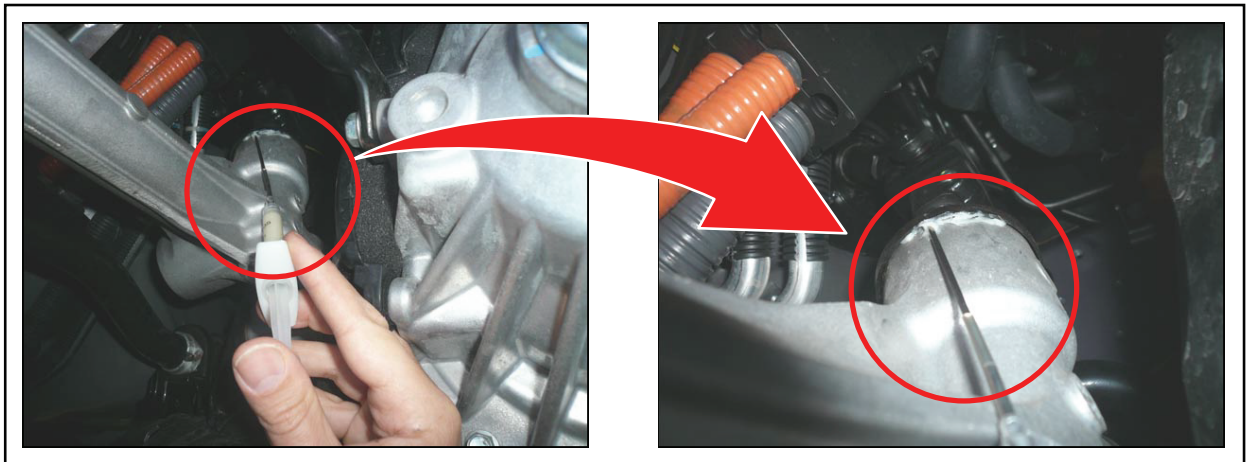
### Repair Procedure

1. While turning the steering wheel, lift up on one side of the rubber boot with a long screwdriver to confirm if the noise is coming from the steering gear rubber boot for the steering gear input shaft.
2. Attach cylinder of grease to grease injection needle.
3. Apply bead of grease (5 grams) between steering gear housing and rubber boot for steering gear input shaft.

**NOTE**

2-1/2 tubes of grease (P/N 04007-76133, quantity of 2) will be needed for each vehicle.

Figure 1.



4. Turn steering wheel lock to lock 10 times to help work grease around and under steering gear input shaft rubber boot.
5. Confirm the noise has been eliminated.