

Rear Strut Supports - Rattle/Knock Noise

Service Category Suspension

Section Rear Suspension

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 – 2009	LS460	VDS(s): BL46F, GL46F

Introduction

Some customers may experience a rattle or knock noise from the rear suspension. This concern is most common for customers who frequently drive on rough roads. Follow the repair procedure in this bulletin to address customer concerns.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Strut Spring Compressor (Model 7200)*	BRNM-ST7200	1

* Essential SST.

NOTE

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

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
482151	R & R Rear Coil Spring	3.0	48755-50120	91	83
Combo A	R & R Rear Coil Spring Combo	1.0			
Combo D	Toe Adjustment Combo	0.2			

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.

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Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
48755-50120	48755-50121	Support, Rear Suspension	2

Repair Procedure

1. Conduct a road test to verify the noise.

NOTE

The rear seat may need to be removed to verify and isolate the noise.

2. Replace the rear strut supports.

Refer to the Technical Information System (TIS), applicable model year LS 460 Repair Manual:

- [2007](#) / [2008](#) / [2009](#) LS 460:
Suspension – Rear Suspension – “Suspension: Rear Shock Absorber: Removal”
- [2007](#) / [2008](#) / [2009](#) LS 460:
Suspension – Rear Suspension – “Suspension: Rear Shock Absorber: Disassembly”
- [2007](#) / [2008](#) / [2009](#) LS 460:
Suspension – Rear Suspension – “Suspension: Rear Shock Absorber: Reassembly”
- [2007](#) / [2008](#) / [2009](#) LS 460:
Suspension – Rear Suspension – “Suspension: Rear Shock Absorber: Installation”

3. Inspect alignment and adjust as necessary.
4. Road test the vehicle to confirm the rattle/knock noise is no longer present.