

Vehicle Equipped with KDSS Leans to the Right

Service Category Suspension

Section Suspension Control System

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2014	GX460	Plant Code(s): 5 WMI(s): JTJ

Introduction

Some 2010 – 2014 model year GX 460 (KDSS equipped) vehicles may exhibit a condition where the vehicle is leaning to the right when being viewed from the rear. The following Repair Procedure has been developed to improve this condition.

Production Change Information

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

TRANSMISSION	PRODUCTION CHANGE EFFECTIVE VIN
A/T	JTJJM7FX#E5081189

Warranty Information

OP CODE	DESCRIPTION	TIME	QTY	T1	T2
430101	R & R Front LH Coil Spring	2.2	48131-60K20	45	99

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		
48131-60K20	48131-60F50	Spring Coil, FR	1

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Coil Spring Compressor*	<u>09727-30021-02</u>	1

* Essential SST.

NOTE

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

Repair Procedure

NOTE

Before starting the repair, ensure the vehicle's suspension components have NOT been modified, and that the vehicle is in the Original Equipment (OE) configuration.

1. Confirm the condition described in the Introduction.

NOTE

- Perform the inspection on a level surface.
- Make sure that the wheels are on the ground and facing straight ahead.
- Perform the inspection with the vehicle load completely on the suspension.
- Perform this step with the fuel tank full.
- Remove any parts installed in the vehicle which place any unbalanced load on the left or right side of the vehicle.

When viewing the vehicle from the rear, is the vehicle leaning to the right?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Measure the vehicle height difference from left to right.

Is the difference from left to right more than 20 mm (0.79 in)?

- **YES** — Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (Continued)

3. Remove and replace the Front LH Coil Spring assy.

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

- 2010 / 2011 / 2012 / 2013 / 2014 GX 460:
Suspension – Front Suspension – “Front Suspension: Front Lower Suspension ARM: Removal”
- 2010 / 2011 / 2012 / 2013 / 2014 GX 460:
Suspension – Front Suspension – “Front Suspension: Front Lower Suspension ARM: Installation”

4. Confirm the levelness of the vehicle from left to right is less than 20 mm (0.79 in).