

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 - 2020	GX460	

REVISION NOTICE

April 27, 2020 Rev2:

- Applicability has been updated to include 2019 – 2020 model year GX 460 vehicles.

September 5, 2018 Rev1:

- Applicability has been updated to include 2015 – 2018 model year GX 460 vehicles.
- The Production Change Information section has been removed.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2010 – 2020 model year GX 460 (KDSS-equipped) vehicles may exhibit a condition where the vehicle leans more than 20 mm (0.79 in.) from left to right when viewed from the rear of the vehicle. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	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.

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Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
48131-60K20	48131-60F50	Spring Coil, FR	1

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Coil Spring Compressor or Equivalent	09727-30021-02	1

NOTE

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

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Repair Procedure

NOTE

BEFORE beginning this Repair Procedure, confirm the following.

- The vehicle's suspension components have NOT been modified.
- The vehicle is in the Original Equipment (OE) configuration.

1. Confirm the condition exists.

NOTE

- Perform the inspection on a level surface.
- Confirm 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 a full fuel tank.
- Remove ANY parts installed in the vehicle that place ANY unbalanced load on the left or right side of the vehicle.

A. View the vehicle from the rear.

Is the vehicle leaning to the right?

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

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

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Repair Procedure (continued)

2. Replace the front LH coil spring assembly.
 - A. Remove the front LH coil spring assembly.

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

 - [2010](#) / [2011](#) / [2012](#) / [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) / [2019](#) / [2020](#) GX 460:
Suspension – Front Suspension – “Front Suspension: Front Shock Absorber: Removal”
 - B. Install the NEW front LH coil spring assembly.

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

 - [2010](#) / [2011](#) / [2012](#) / [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) / [2019](#) / [2020](#) GX 460:
Suspension – Front Suspension – “Front Suspension: Front Shock Absorber: Installation”

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