

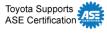
Knock/Clunk Noise From Rear Brakes

Service

Category Brake

Section Brake (rear)

Market USA and Mexico



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018 - 2023	LS500, LS500H	

REVISION NOTICE

March 15, 2024 Rev1:

- Applicability has been updated to include 2022 2023 model year LS 500, LS 500h vehicles.
- The Introduction, Required Tools & Equipment, and Repair Procedure sections have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2018 – 2023 model year LS 500 and LS 500h vehicles may exhibit a knock/clunk noise from the rear of the vehicle when applying the brakes while driving forward and/or in reverse. The noise is most noticeable when coming to a complete stop. Improved rear brake pads are available to correct this condition. Follow the Repair Procedure in this bulletin to address this condition.



Knock/Clunk Noise From Rear Brakes

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
BR2401	R & R Rear Brake Pads	0.7	04466-####*	91	99
Combo A	Opposite Side	0.1	04400-#####	91	99

^{*}Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

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.

For Mexico Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
BR2401	R & R Rear Brake Pads	0.7	04466 #####*	٥,	0
Combo A	Opposite Side	0.1	04466-####*	91	99

^{*}Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 80,000 kilometers, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Rev1



Knock/Clunk Noise From Rear Brakes

L-SB-0013-22

Parts Information

PART N	UMBER	PART NAME	
PREVIOUS	NEW		
04466-11010 04466-50180	04466-50210	Pad Kit, Disc Brake, Rear	1

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Spreader, Disc Brake Piston Wide Type	09719-77020	1

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335 (USA) or 01-800-504-5330 (Mexico).

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
ChassisEAR™ (or equivalent)	ADE	JSP06608 (JS Products)	1

NOTE

- A mechanic's stethoscope or similar tool may be used in place of ChassisEAR™.
- ChassisEAR™ may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or 01-55-50103041 (Mexico).

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	DVI*		
Techstream 2.0	ADE	TS2UNIT	1
Techstream Lite	ADE	TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

^{*}Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ version 2024.01.002.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or 01-55-50103041 (Mexico).

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Knock/Clunk Noise From Rear Brakes

Repair Procedure

1. Confirm the condition exists.

Is a knock/clunk noise present from the rear of the vehicle when applying the brakes while driving forward and/or in reverse?

NOTE

- The noise may be more noticeable at slower speeds when coming to a complete stop.
- Use ChassisEAR™ if necessary to help identify the source of the noise.
- YES Continue to step 2.
- NO This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- Install updated brake kit to BOTH rear brake calipers.
 - A. Remove the rear brake pad kits.

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

- 2018 2023 LS 500 (except 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (Except 4-pot Caliper) Removal
- 2018 2020 / 2021 / 2022 / 2023 LS 500h (except 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (Except 4-pot Caliper) Removal
- 2018 2019 / 2020 2023 LS 500 (for 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (For 4-pot Caliper) Removal
- 2018 2019 / 2020 / 2021 / 2022 / 2023 LS 500h (for 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (For 4-pot Caliper) Removal
- B. Install the NEW rear brake pad kits.

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

- 2018 2023 LS 500 (except 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (Except 4-pot Caliper) Installation
- <u>2018 2020</u> / <u>2021</u> / <u>2022 2023</u> LS 500h (except 4-pot caliper): General – Maintenance – Rear Disc Brake Pad (Except 4-pot Caliper) – Installation
- 2018 2023 LS 500 (for 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (For 4-pot Caliper) Installation
- 2018 2020 / 2021 / 2022 2023 LS 500h (for 4-pot caliper):
 General Maintenance Rear Disc Brake Pad (For 4-pot Caliper) Installation
- Test-drive the vehicle to confirm the condition is no longer present.