

Rotational Clicking Noise From Front Drive Shaft Assembly on Acceleration

Service
Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA and
Mexico

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2024	RX350, RX350H, RX500H	
2024	TX350, TX500H	

REVISION NOTICE

June 12, 2026 Rev2:

- The Production Change Information, Parts Information, and Required Tools & Equipment sections have been updated.

June 6, 2025 Rev1:

- The Applicability has been updated to include 2023 – 2024 model year RX 500h, and 2024 model year TX 500h vehicles.
- The Introduction, Production Change Information, Parts information, Required Tools & Equipment, and Repair Procedure sections have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2023 – 2024 model year RX 350, RX 350h, RX 500h, and 2024 model year TX 350 and TX 500h vehicles may exhibit a rotational clicking noise from one or both front drive shaft assemblies when accelerating while making turns. This condition may occur without a grease leak present on the front drive shaft assemblies. An updated front drive shaft assembly is available to resolve this condition. Follow the Repair Procedure in this bulletin to address this condition.

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Production Change Information

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

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX 350	TMMC	2WD	2T2BAMBA#RC039782
		AWD	2T2BAMCA#RC072957
RX 350h			2T2BBMCA#RC047378
RX 500h			2T2BCMEA#RC018960
TX 350	TMMI	2WD	5TDAAAA6#RS012381
		AWD	5TDAAAB6#RS019032
TX 500h			5TDABAB6#RS006785

Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
TC2408	R & R the Front Drive Shaft Assembly (One Side)	1.8	43420-0E####*	91	50
Combo A	Opposite Side	0.3	43410-0E####*		

*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 Powertrain Warranty. This warranty is in effect for 72 months or 70,000 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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Warranty Information (continued)

For Mexico Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
TC2408	R & R the Front Drive Shaft Assembly (One Side)	1.8	43420-0E###*	91	50
Combo A	Opposite Side	0.3	43410-0E###*		

*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.

Parts Information

MODEL(S)	DRIVETRAIN	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
RX 350	2WD	43420-0E280	43420-0E281	Shaft Assy, Front Drive, LH*	1
		43410-0E460	43410-0E461	Shaft Assy, Front Drive, RH*	1
	AWD	43420-0E280	43420-0E281	Shaft Assy, Front Drive, LH*	1
		43410-0E450	43410-0E451	Shaft Assy, Front Drive, RH*	1
RX 350h		43420-0E280	43420-0E281	Shaft Assy, Front Drive, LH*	1
		43410-0E460	43410-0E461	Shaft Assy, Front Drive, RH*	1
RX 500h		43420-0E290	43420-0E291	Shaft Assy, Front Drive, LH*	1
		43410-0E470	43410-0E471	Shaft Assy, Front Drive, RH*	1
TX 350	2WD	43420-0E340	43420-0E341	Shaft Assy, Front Drive, LH*	1
		43410-0E520	43410-0E521	Shaft Assy, Front Drive, RH*	1
	AWD	43420-0E340	43420-0E341	Shaft Assy, Front Drive, LH*	1
		43410-0E530	43410-0E531	Shaft Assy, Front Drive, RH*	1
TX 500h		43420-0E350	43420-0E351	Shaft Assy, Front Drive, LH*	1
	43410-0E550	43410-0E551	Shaft Assy, Front Drive, RH*	1	
ALL		90080-17238		Lock Nut (for Front Axle Shaft)**	—

*Order the part(s) corresponding to the affected side and vehicle by searching in the Electronic Parts Catalog using the VIN filter.

**Order one lock nut per affected front drive shaft assembly.

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
ChassisEAR™ (or equivalent)	ADE	JSPSM06606 (JS Products)	1

NOTE

- A mechanic's stethoscope or similar tool may be used in place of ChassisEAR™.
- ChassisEAR™ may be ordered by visiting the [Lexus Tools and Equipment Program](#) website at *Home – Service Resources – Lexus Tools and Equipment Program* or by calling 1-800-368-6787 (USA) or +(525) 5550 10 3000 (Mexico).

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVi*	ADE	TSADVUNITECP	1
Techstream Lite		TSLP3DLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2026.01.003.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or +(525) 5550 10 3000 (Mexico) or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

Repair Procedure

1. Confirm the condition.

Does the vehicle exhibit a rotational clicking noise when accelerating while making turns?

- **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. Place the vehicle on a lift and install the ChassisEAR™ (or equivalent) on the front knuckle assembly, as shown in Figure 1, to help isolate the source of the noise.

Figure 1.



1	ChassisEAR™ on the Front Knuckle Assembly
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3. Test drive the vehicle.
Are one or both front drive shaft assemblies the source of the rotational clicking noise?
 - **YES** — Continue to step 4.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
4. Remove the affected front drive shaft assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2023 – 2024](#) RX 350 and RX 500h:
Drivetrain – Drive Shaft / Propeller Shaft – Front Drive Shaft Assembly (for T24A-FTS) – Removal
 - [2023](#) / [2024](#) RX 350h:
Drivetrain – Drive Shaft / Propeller Shaft – Front Drive Shaft Assembly (for A25A-FXS) – Removal
 - [2024](#) TX 350 and TX 500h:
Drivetrain – Drive Shaft / Propeller Shaft – Front Drive Shaft Assembly (for T24A-FTS) – Removal

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Repair Procedure (continued)

5. Install the NEW front drive shaft assembly using the NEW lock nut.
Refer to TIS, applicable model and model year Repair Manual:
 - [2023 – 2024](#) RX 350 and RX 500h:
*Drivetrain – Drive Shaft / Propeller Shaft –
Front Drive Shaft Assembly (for T24A-FTS) – Installation*
 - [2023](#) / [2024](#) RX 350h:
*Drivetrain – Drive Shaft / Propeller Shaft –
Front Drive Shaft Assembly (for A25A-FXS) – Installation*
 - [2024](#) TX 350 and TX 500h:
*Drivetrain – Drive Shaft / Propeller Shaft –
Front Drive Shaft Assembly (for T24A-FTS) – Installation*
6. Perform steps 4 and 5 for the other front drive shaft assembly if necessary.
7. Perform a grease distribution test drive by driving the vehicle continuously for 5 minutes above 40 mph. If unable to perform this drive pattern, alternately drive the vehicle on a dyno continuously for 5 minutes above 40 mph, if it is safe to do so.

NOTICE

Failure to perform the grease distribution test drive procedure may lead to joint damage and false detection of the noise after replacement.

8. Confirm the condition is no longer present.