


Whine Noise from Rear Propeller Shaft Center Support Bearing

Service Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 – 2011	GS350	Drive Type(s): 4WD VDS(s): CE1KS, CE96S

Introduction

Some 4WD equipped GS 350 vehicles may exhibit a whine noise around 60 MPH on deceleration or when cruising. Production changes have been made to eliminate this noise. Follow the procedure in the bulletin to address this condition.

Production Change Information

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

MODEL	DRIVETRAIN	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
GS 350	4WD	Tahara	JTHCE1KS#B0028997

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
90201-10106	Same	Washer, Plate (2.0 mm)	2

Warranty Information

OP CODE	DESCRIPTION	TIME	OPF	T1	T2
370021	Install Center Support Bearing Washers	1.1	90201-10106	91	53

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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Repair Procedure

1. Confirm if there is a whine noise around 60 MPH on deceleration or when cruising.

Is the noise present around 60 MPH?

Yes – Continue to step 2.

No – This Service Bulletin does not apply, continue diagnosis per the Repair Manual.

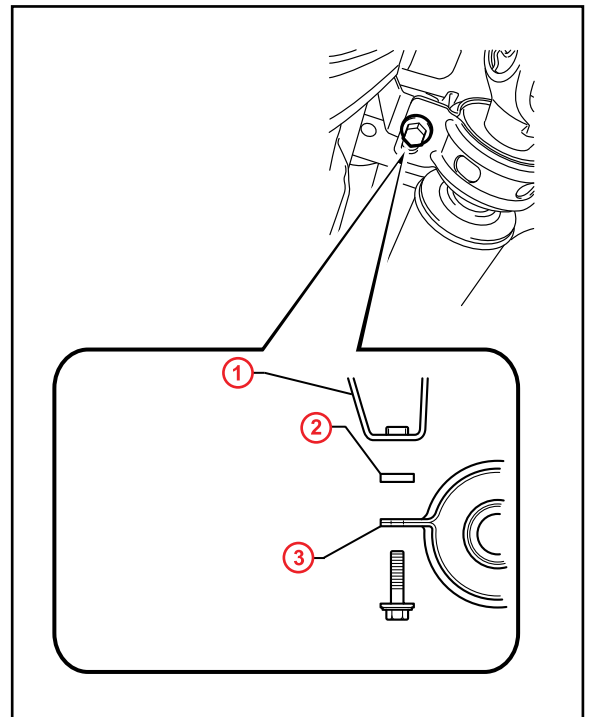
2. Remove the rear propeller shaft and confirm if washers are present between the center support bearing and the body of the vehicle.

Are the center support bearing washers installed?

Yes – This TSIB does not apply, continue diagnosis per the Repair Manual.

No – Continue to step 3.

Figure 1.



1	Body
2	Center Support Bearing Washer
3	Center Support Bearing

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Repair Procedure (Continued)

3. Install rear propeller shaft center support bearing washers.

For complete removal and installation procedures, refer to the Technical Information System (TIS), applicable model year GS 350 Repair Manual:

- 2007 GS 350: Drivetrain – Drive Shaft/Propeller Shaft: *“Propeller Shaft Assembly (for 2GR-FSE 4WD): [Removal](#) / [Installation](#)”*
 - 2008 GS 350: Drivetrain – Drive Shaft/Propeller Shaft: *“Propeller Shaft Assembly (for 2GR-FSE 4WD): [Removal](#) / [Installation](#)”*
 - 2009 GS 350: Drivetrain – Drive Shaft/Propeller Shaft: *“Propeller Shaft Assembly (for 2GR-FSE 4WD): [Removal](#) / [Installation](#)”*
 - 2010 GS 350: Drivetrain – Drive Shaft/Propeller Shaft: *“Propeller Shaft Assembly (for 2GR-FSE 4WD): [Removal](#) / [Installation](#)”*
 - 2011 GS 350: Drivetrain – Drive Shaft/Propeller Shaft: *“Propeller Shaft Assembly (for 2GR-FSE 4WD): [Removal](#) / [Installation](#)”*
4. Test drive the vehicle and confirm that the noise is no longer present.

NOTE

If the whine noise continues or there seems to be a driveline vibration after washer installation, reference the rear propeller shaft installation repair manual document listed above.