


Transfer Case Vibration When Turning

Service Category Drivetrain

Section Transfer/4wd/Awd

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2009 – 2010	LS460	Drive Type(s): 4WD VDS(s): CL1EF, CL46F, CL5EF, DL1EF, DL46F, DL5EF
2008 – 2010	LS600H	Drive Type(s): 4WD VDS(s): DU1EF, DU46F, DU5EF

Introduction

Some 2008 – 2010 LS 600h and 2009 – 2010 LS 460 4WD vehicles may exhibit a shudder or vibration when turning at slow speeds. Follow the procedure in this 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
LS 600h	4WD	Tahara	JTHDU##F#A5011228
LS 460			JTHCL##F#A5005971
LS 460L			JTHDL##F#A5001344

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
TC9016	Drain and Refill Transfer Case Fluid (3x)	1.0	41301-50040	9B	99

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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Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
08885-02606	08885-81085	Transfer Gear Oil LL 80	2.4 L
90430-18008	Same	Drain & Fill Plug Gasket	6

Repair Procedure

1. Can vibration be felt throughout the vehicle only when turning in forward or reverse gear at slow speeds?
 - **Yes** — Go to step 2.
 - **No** — This TSIB does NOT apply. Continue diagnosis per the Repair Manual.
2. Replace the transfer case oil with updated oil P/N 08885-81085 3 times; driving 1 mile in between fills.
3. Confirm the vibration is no longer present when turning at slow speeds.