

Your Vehicle: 2009 Lexus LS 460 AWD V8-4.6L (1UR-FSE)

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Drivetrain - Vibration/Shudder On Low Speed Turns

L-SB-0023-11

April 19, 2011

Transfer Case Vibration When Turning
Service Category
Drivetrain

Section
Transfer/4wd/Awd

Market
USA

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

Applicability

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

MODEL	DRIVETRAIN	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
LS 600h	4WD	Tahara	JTHDU##F#A5011228
LS 460			JTHCL##F#A5005971
LS 460L			JTHDL##F#A5001344

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

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

Warranty Information

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.

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

Parts Information

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 PIN 08885-81085 3 times; driving 1 mile in between fills.

3. Confirm the vibration is no longer present when turning at slow speeds.

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