

Transmission Whine Noise from 0-40 MPH

Service
Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013 – 2015	LS460	Drive Type(s): 2WD Transmission(s): 8AT VDS(s): BL1EF, BL5EF, GL1EF, GL5EF

Introduction

Some 2013 – 2015 model year 2WD LS 460/460L vehicles may exhibit a whine type noise from the transmission area from 0 – 40 mph with light to moderate acceleration. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG1405	R & R Engine Mount & Engine Mount Cross Member	1.5	12380-38030	91	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.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
12380-38030	12380-38050	Insulator Assy, Engine Mounting, RR	1
57209-50020	57209-50030	Member Sub-Assy, Engine Mounting	1

Required Tools & Equipment

REQUIRED TOOLS	QTY
Jack Stand / Transmission Jack	1

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Repair Procedure

1. Test drive the vehicle and confirm there is a whine type noise present most noticeable between 0 – 40 mph with light to moderate throttle.

Is the whine noise present mostly between 0 – 40 mph?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Confirm the ATF level is correct. If the ATF level is NOT correct, adjust the ATF level and test drive again to see if the noise has improved.

If there is NO improvement, proceed to step 3. If the noise is no longer present, return the vehicle to the customer.

NOTE

Be sure all other drivetrain components (wheel bearings, rear differential, rear propeller shaft) have been inspected for abnormal noise prior to moving to step 3.

3. Replace the engine rear mount (transmission rear mount) and engine rear mount cross member (transmission rear cross member).

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- 2013 LS 460:
Drivetrain – Automatic Transmission/Transaxle – “AA80E Automatic Transmission: Automatic Transmission Assembly: [Removal / Installation](#)”
- 2014 LS 460:
Drivetrain – Automatic Transmission/Transaxle – “AA80E Automatic Transmission: Automatic Transmission Assembly: [Removal / Installation](#)”
- 2015 LS 460:
Drivetrain – Automatic Transmission/Transaxle – “AA80E Automatic Transmission: Automatic Transmission Assembly: [Removal / Installation](#)”

4. Confirm the repair.