

Vibration Between 30 - 75 MPH

Service Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Lexus Supports ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2009 – 2012	LS460	Drive Type(s): 4WD VDS(s): CL1EF, CL46F, CL5EF, DL1EF, DL46F, DL5EF

Introduction

Some 2009 – 2012 model year LS 460 vehicles equipped with 4WD may exhibit a vibration or shudder feeling between 30 – 75 mph (48 – 121 km/h). The Engine Control Module (ECM) (SAE term: Powertrain Control Module/PCM) logic has been revised to address this condition. Follow the procedure in this bulletin to determine if recalibration of the ECM (PCM) is required.

Parts Information

MODEL YEAR	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
2009	89661-50D62	89661-50D63	Computer, Engine Control (ECM/PCM)	–
2010	89661-50F91	89661-50J32		–
2011	89661-50J31			–
2012	89661-50K20	89661-50P00		–
2009 – 2012	00451-00001-LBL	Same	Authorized Modifications Label	1

NOTE

- The ECM (PCM) should NOT be replaced as part of the repair procedure.
- Authorized Modification Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) through Dealer Daily – Dealer Support Materials Orders.

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Warranty Information

OP CODE	DESCRIPTION	MODEL YEAR	TIME	OFF	T1	T2
EG1206	Recalibrate ECM (PCM) Engine	2009	0.5	89661-50D62	8A	99
		2010		89661-50F91		
		2011		89661-50J31		
		2012		89661-50K20		

APPLICABLE WARRANTY

- This repair is covered under the Lexus Federal Emission Warranty. This warranty is in effect for 96 months or 80,000 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.

Calibration Information

MODEL YEAR	ECM (CPU)	PREVIOUS CALIBRATION ID	NEW CALIBRATION ID	VDS
2009	Engine	35072000 35072100 35072200	<u>35072300</u>	CL46F DL46F
2010 - 2011		350A5000 350A5100 350B9000 350B9100	<u>350B9200</u>	CL1EF CL5EF DL1EF DL5EF
2012		350C6000	<u>350G2000</u>	