

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.

Vibration Between 30 - 75 MPH

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> | |