

Discharged Battery Under Certain Limited Conditions

Service Category Power Source/Network

Section Power Distribution

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	LS460	

Introduction

Some early production 2013 model year LS 460 vehicles may have a discharged battery after the vehicle is parked for 50 or more hours under certain limited conditions. The software in the Electric Power Control ECU has been modified to reduce the possibility of this condition occurring. Use the following repair procedure to reprogram the Electric Power Control ECU.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
LS 460	Tahara	2WD	JTHBL5EF#D5120231
		AWD	JTHCL5EF#D5017607
LS 460L		2WD	JTHGL5EF#D5049262
		AWD	JTHDL5EF#D5005564

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1314	Reprogram Electric Power Control ECU	0.4	82730-50F00	71	74

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 48,000 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

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
82730-50F00	82730-50F01	Block Assy, Passenger Side Junction (Electric Power Control ECU)	-

NOTE


- The ECU should **NOT** be replaced as part of the repair procedure.
- Authorized Modifications Labels are **NOT** required as part of this repair.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

NOTE

- Only **ONE** of the Techstream units listed above is required.
- Software version 8.20.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- The Diagnostic Tester is **NOT** recommended for flash reprogramming. Please use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.



SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1

NOTE
Additional SSTs may be ordered by calling 1-800-933-8335.

* Essential SST.

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Calibration Information

MODEL	DRIVETRAIN	ECU	CALIBRATION ID		VDS
			PREVIOUS	NEW	
LS 460	2WD	82730-50F00	50020	<u>50021</u>	BL5EF#
	AWD				CL5EF#
LS 460L	2WD				GL5EF#
	AWD				DL5EF#

Repair Procedure

1. Confirm the vehicle was parked for 50 or more continuous hours before the battery was fully discharged.

Was the vehicle parked for 50 or more continuous hours before the battery was fully discharged?

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

2. Using Techstream, confirm the Calibration ID of the Electric Power Control ECU.

Is the Calibration ID of the Electric Power Control ECU 50020?

- **YES** — Reprogram Electric Power Control ECU. Go to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

3. Flash reprogram the Electric Power Control ECU.

NOTE

- The **GR8 Battery Diagnostic Station** **MUST** be used in **Power Supply Mode** to maintain battery voltage at 13.5 volts while flash reprogramming the vehicle.
- For details on how to use the **GR8 Battery Diagnostic Station**, refer to the **GR8 Instruction Manual** located on the **Technical Information System (TIS)**, **Diagnostics – Tools & Equipment – Battery Diagnostics**.

Follow the procedure outlined in Service Bulletin No. L-SB-0015-10, “*Techstream ECU Flash Reprogramming Procedure*,” and flash reprogram the Electric Power Control ECU with the NEW calibration file update.

NOTE

- Techstream software version 8.20.019 or later is **REQUIRED** to perform this update.
- **Authorized Modifications Labels** are **NOT** required as part of this repair.