


"Low Engine Oil" Alert Displayed

Service Category Vehicle Interior

Section Meter/Gauge/Display

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018	LC500	VDS(s): HP5AY

Introduction

Some 2018 model year LC500 vehicles may display a "Low Engine Oil" alert. Upon inspection, the engine's oil level may be within specification. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1814	Reprogram Combination Meter ECU	0.4	83800-11040 83800-11041	87	74

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 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		
83800-11040	83800-11041	Meter, Assy Combination	–

NOTE

The combination meter ECU should NOT be replaced as part of the Repair Procedure.

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 13.20.018 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- 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

* Essential SST.

NOTE

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

Calibration Information

MODEL	ENGINE	COMBINATION METER CALIBRATION ID	
		PREVIOUS	NEW
LC500	2UR-GSE	838001101003 838001101004	838001101005

Repair Procedure

1. Confirm the condition exists.

Does the vehicle currently exhibit or have a history of exhibiting a "Low Engine Oil" alert?

NOTE

Vehicle alert history is accessible via the multi-information display in *Menu – Info – Vehicle Alert History*.

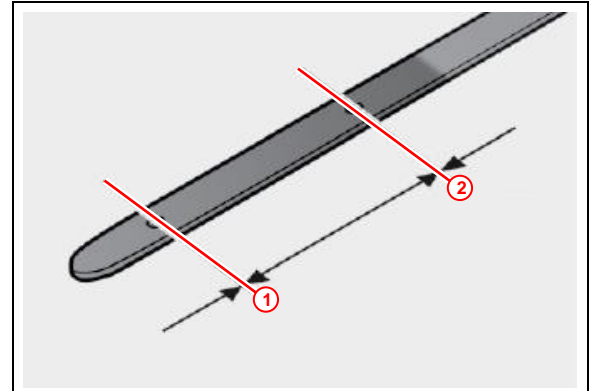
- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (continued)

2. Warm up the engine to operating temperature, shut it OFF, then wait 5 minutes.
On level ground, the oil level should be within the operating range as shown.
Is the oil level within the operating range?
 - **YES** — Continue to step 3.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

Figure 1.



1	Operating Range Minimum
2	Operating Range Maximum

3. Using Techstream, perform a Health Check of the Combination Meter ECU and confirm if the combination meter calibration ID has been updated.
Is the calibration ID listed the latest combination meter ECU calibration?
 - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 4.
4. Flash reprogram the combination meter ECU.

NOTE

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

Follow the procedures outlined in Service Bulletin No. [L-SB-0001-18](#) *Techstream ECU Flash Reprogramming Procedure* and flash the combination meter ECU with the NEW calibration file update.

5. Test-drive the vehicle to confirm the “Low Engine Oil” alert does not display.