

ABS Brake Warning Light On

Service

Category Brake
 Brake Control/Dynamic
Section Control System

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2008 - 2012	LS600H	

Introduction

Some 2008 – 2012 model year LS 600h vehicles may exhibit a condition where the brake, ABS, and/or TRAC warning lights are on and/or a Check VSC message displays. One or more of the following specific Diagnostic Trouble Codes (DTCs) C1391, C1256, C1252, or C1253 may be stored in the vehicle memory to be used as verification. This condition may be caused by a small internal brake fluid leak inside the brake actuator. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
BR1944	R & R Brake Actuator Assembly and R & R Brake Booster Pump Assembly	2.1	44050-50110	8C	99

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.

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Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
44050-50110	04003-45450	Actuator Assy, Brake W/Fluid	1
47070-50040	04002-07150	Pump Assy, Brake Booster W/Accumulator	1

Required Tools & Equipment

REQUIRED TOOLS & MATERIAL	QUANTITY
DOT 3 Brake Fluid	1 – 2 liters

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

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 17.30.011 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Confirm the condition exists.

Are the brake, ABS, and/or TRAC warning lights ON and/or does a Check VSC message display?

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

2. Using Techstream, check for and record ANY stored DTCs.

Are ANY of the following DTCs stored: C1391, C1256, C1252, or C1253?

- **YES** — Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

3. Remove the brake actuator and brake booster pump.

Refer to TIS, applicable model and model year Repair Manual:

- [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) LS 600h:
Brake – Brake Control/Brake Actuator – “Control Brake: Brake Actuator: Removal

4. Install the NEW brake actuator and brake booster pump.

Refer to TIS, applicable model and model year Repair Manual:

- [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) LS 600h:
Brake – Brake Control/Brake Actuator – “Brake Control: Brake Actuator: Installation”

5. Using Techstream, clear ANY stored DTCs and test-drive the vehicle to confirm the condition is no longer present.