

ABS Brake Warning Light On

Service Category Brake

Section Brake Control/Dynamic Control System **Market** USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 - 2007	GS430	
2007 - 2011	GS450H	
2008 - 2011	GS460	
2007 - 2013	LS460	
2006 - 2008	RX400H	

Introduction

Some applicable Lexus vehicle models may exhibit a condition where the brake, ABS, and/or TRAC warning light(s) are ON and/or a Check VSC message is displayed. Diagnostic Trouble Code (DTC) C1391, C1252, C1253, or C1256 may be stored. 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.

Parts Information

MODEL YEAR	MODEL	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
2006 – 2007	GS 430	44050-30670	04003-44930	Actuator Assy, Brake w/ Fluid	1
2007 – 2011	GS 450h	44050-30670	04003-44930	Actuator Assy, Brake w/ Fluid	1
2008 – 2011	GS 460	44050-30670	04003-44930	Actuator Assy, Brake w/ Fluid	1
2006 – 2008	RX 400h	44050-48191	04003-45148	Actuator Assy, Brake w/ Fluid	1
2007 – 2013	LS 460	44050-50110	04003-45450	Actuator Assy, Brake w/ Fluid	1

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Warranty Information

MODEL YEAR	MODEL	OP CODE	DESCRIPTION	TIME	OFF	T1	T2
2006 – 2007	GS 430	896051	R & R Brake Actuator Assembly	1.9	44050-30670	8A	71
2007 – 2011	GS 450h	896051	R & R Brake Actuator Assembly	1.9	44050-30670	8A	71
2008 – 2011	GS 460	896051	R & R Brake Actuator Assembly	1.5	44050-30670	8A	71
2006 – 2008	RX 400h	896051	R & R Brake Actuator Assembly	1.2	44050-48191	8A	71
2007 – 2013	LS 460	896051	R & R Brake Actuator Assembly	2.1	44050-50110	8A	71

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.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 11.00.017 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. Using Techstream, check for stored DTC(s). Record any stored DTC(s).

Are any of the following DTC(s): C1391, C1256, C1252, or C1253 stored?

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

2. Replace the brake actuator with the NEW part. Refer to TIS, applicable model and model year Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) / [2013](#) LS 460:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Removal”*
- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) / [2013](#) LS 460:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Installation”*
- [2006](#) / [2007](#) GS 430:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Removal”*
- [2006](#) / [2007](#) GS 430:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Installation”*
- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 450h:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Removal”*
- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 450h:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Installation”*
- [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 460:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Removal”*
- [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 460:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Installation”*
- [2006](#) / [2007](#) / [2008](#) RX 400h:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Removal”*

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Repair Procedure (Continued)

- [2006](#) / [2007](#) / [2008](#) RX 400h:
*Brake – Brake Control/Dynamic Brake System – “Brake Control: Brake Actuator”:
Installation”*

3. Test-drive the vehicle to confirm that the condition has been corrected.