

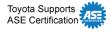
# **ABS Brake Warning Light ON**

Service

Category Brake

Brake Control/Dynamic

Section Control System Market USA



#### **Applicability**

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 - 2012	HS250H	

#### Introduction

Some 2010 – 2012 model year HS 250h 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 Diagnostic Trouble Codes (DTCs) C1391, C1252, C1256, and/or C1253 will be stored in the vehicle's memory to be used as verification. This condition may be caused by a small brake fluid leak inside the brake booster assembly with master cylinder. Follow the Repair Procedure in this bulletin to address this condition.

#### **Warranty Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
BR1947	R & R Brake Booster Assembly With Master Cylinder	5.9	47050-####*	8C	99

<sup>\*</sup>Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### 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**

MODEL YEAR	PART N	UMBER	PART NAME	OTV	
MODEL TEAR	PREVIOUS	NEW	PARINAME	QTY	
2010 – 2011	47050-75030	04002-07275	Cylinder Kit, Brake Master W/Fluid	1	
2012	47050-75031	04002-33975	Cyllinder Kit, Brake Master W/Fluid	'	
2010 – 2012	47070-47060	04006-22147	Pump Assy, Brake Booster W/Accumulator	1	

### **Required Tools & Equipment**

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

<sup>\*</sup>Essential SST.

#### **NOTE**

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2022.04.004.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

REQUIRED TOOLS & MATERIAL	QUANTITY	
DOT3 Brake Fluid	1 – 2 liters	

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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.
- Using Techstream, check for stored DTCs. Record ANY stored DTCs.
  Are ANY of the following DTCs stored: C1391, C1252, C1256, and/or C1253?
  - YES Continue to step 3.
  - NO This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- 3. Remove the brake booster assembly with master cylinder.

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

- 2010 / 2011 / 2012 HS 250h:
  Brake Brake System (Other) "Brake System (Other): Brake Booster: Removal"
- 4. Remove the brake booster pump assembly.

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

- 2010 / 2011 / 2012 HS 250h:
  Brake Brake System (Other) "Brake System (Other): Brake Booster Pump: Removal"
- 5. Install the NEW brake booster assembly with master cylinder.

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

- 2010 / 2011 / 2012 HS 250h:
  Brake Brake System (Other) "Brake System (Other): Brake Booster: Installation"
- 6. Install the NEW brake booster pump assembly.

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

- 2010 / 2011 / 2012 HS 250h: Brake – Brake System (Other) – "Brake System (Other): Brake Booster Pump: Installation"
- 7. Using Techstream, clear ANY stored DTCs and test-drive the vehicle to confirm the condition is no longer present.