

ABS 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
2010 - 2012	RX450H	

Introduction

Some 2010 – 2012 model year RX 450H vehicles may exhibit a condition where the brake, ABS, and/or TRAC warning light(s) are on and/or a Check VSC message displays. Diagnostic Trouble Codes (DTCs) C1391, C1252, C1256, or C1253 may be stored. This condition may be caused by a small internal brake fluid leak inside the brake booster assembly with master cylinder. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

MODEL YEAR	OP CODE	DESCRIPTION	TIME	OFP	T1	T2
2010 – 2012	BR1916	R & R Brake Actuator Assembly, and Brake Booster Pump Assembly	2.3	44050-48320	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

MODEL YEAR	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
2010 – 2012	44050-48320	04008-26448	Brake Actuator Assembly	1
	47070-48060 44598-50010	04008-51248	Pump Kit, Brake Booster W/ Accumulator	1
	47070-48020 44598-50010	04008-51148		1

Required Tools & Equipment

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 14.30.022 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

REQUIRED TOOLS & MATERIAL	PART NUMBER	QUANTITY
Toyota Dot 3 Brake Fluid	00475-1BF03	1 – 2 liters

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Repair Procedure

1. Confirm the condition exists.
Is the brake, ABS, and/or TRAC warning light(s) 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:
 - [2010](#) / [2011](#) / [2012](#):
Brake – Brake Control/Dynamic Control System – “Brake Control / Dynamic Control Systems: Brake Actuator: Removal”

4. Install the NEW brake actuator and brake booster pump.
Refer to TIS, applicable model and model year Repair Manual:
 - [2010](#) / [2011](#) / [2012](#):
Brake – Brake Control/Dynamic Control System – “Brake Control / Dynamic Control Systems: Brake Actuator: Installation”

5. Clear codes and test-drive the vehicle to ensure the condition is no longer present.