

ABS Brake Warning Light On

Service Category Brake

Section Brake Control/Dynamic Control System

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 - 2014	CT200H	

Introduction

Some 2011 – 2014 model year CT 200h vehicles may exhibit a condition in which the brake, ABS, and/or TRAC warning lights are on and/or a Check VSC message displays. Diagnostic Trouble Codes (DTCs) C1391, C1252, C1256, and/or C1253 may also 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

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1923	R & R Brake Booster Assembly With Master Cylinder and Brake Booster Pump Assembly	5.1	47050-#####*	8C	99

*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF 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

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
47050-76020	04000-23576	Cylinder Kit, Brake Master W/Fluid	1
47050-76040	04000-23676		
47050-76060	04000-23776		
47070-12020	04006-22212	Pump Assy, Brake Booster	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 16.00.021 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, C1252, C1256, 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:
 - [2011](#) / [2012](#) / [2013](#) / [2014](#) CT 200h:
Brake – Brake System – “Brake System (Other): Brake Booster: Removal”

4. Remove the brake booster pump assembly.
 Refer to TIS, applicable model and model year Repair Manual:
 - [2011](#) / [2012](#) / [2013](#) / [2014](#) CT 200h:
Brake – Brake System – “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:
 - [2011](#) / [2012](#) / [2013](#) / [2014](#) CT 200h:
Brake – Brake System – “Brake System (Other): Brake Booster: Installation”

6. Install the NEW brake booster pump assembly.
 Refer to TIS, applicable model and model year Repair Manual:
 - [2011](#) / [2012](#) / [2013](#) / [2014](#) CT 200h:
Brake – Brake System – “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.