

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
2014 - 2017	CT200H	

Introduction

Some 2014 – 2017 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. One or more of the following specific Diagnostic Trouble Codes (DTCs) C1391, C1252, C1256, and/or C1253 will 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
BR2301	R & R the Brake Master Cylinder Assembly	5.1	47050-*****	8C	99

*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

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
47050-76100	04003-22176	Cylinder Kit, Brake Master W/Fluid	1
47050-76120	04003-22276		
47050-76101	04003-22376		
47050-76121	04003-22476		
47050-76122	04003-22576		
47050-76102	04003-22676		
47070-12020	04006-22212	Pump Assy, Brake Booster W/Accumulator	

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.
- GTS+ software version 2023.04.003.02 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 GTS+, check for and record ANY stored DTCs.
Are ANY of the following DTCs stored: C1391, C1256, C1252, 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 master cylinder assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2014](#) / [2015 – 2017](#) CT 200h:
Brake – Brake System (Other) – Brake Booster – Removal
4. Remove the brake booster pump assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2014](#) / [2015 – 2017](#) CT 200h:
Brake – Brake System (Other) – Brake Booster Pump – Removal
5. Install the NEW brake master cylinder assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2014](#) / [2015 – 2017](#) CT 200h:
Brake – Brake System (Other) – Brake Booster – Installation
6. Install the NEW brake booster pump assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2014](#) / [2015 – 2017](#) CT 200h:
Brake – Brake System (Other) – Brake Booster Pump – Installation
7. Using GTS+, clear ANY stored DTCs and test-drive the vehicle to confirm the condition is no longer present.