

# ABS Brake Warning Light On

**Service**

**Category** Brake  
 Brake Control/Dynamic  
**Section** Control System

**Market** USA

Toyota Supports  
 ASE Certification 

**Applicability**

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2019	RX450H	

**Introduction**

Some 2016 – 2019 model year RX 450h 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 specific Diagnostic Trouble Codes (DTCs) C1391, C1252, C1256, 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	OFF	T1	T2
BR1946	R & R Brake Actuator Assembly and R & R Brake Booster Pump Assembly	2.6	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

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
44050-48320	04008-26448	Actuator Assy, Brake	1
47070-48080	04002-07348	Pump Assy, Brake Booster W/Accumulator	1

### 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.
- Software version 17.30.011 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, 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:
  - [2016](#) / [2017](#) / [2018](#) / [2019](#) RX 450h:  
*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:
  - [2016 – 2018 \(10/2015 – 03/2018\)](#) RX 450h:  
*Brake – Brake Control/Dynamic Control System – “Brake Control / Dynamic Control Systems: Brake Actuator: Installation”*
  - [2018 – 2019 \(03/2018 – \)](#) RX 450h:  
*Brake – Brake Control/Dynamic Control System – “Brake Control / Dynamic Control Systems: Brake Actuator: Installation”*
5. Using Techstream, clear ANY stored DTCs and test-drive the vehicle to confirm the condition is no longer present.