

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
2008 - 2010	Highlander HV	

Introduction

Some 2008 – 2010 model year Highlander Hybrid 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, C1253, and C1256 may be stored. 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
BR1901	R & R Brake Actuator	1.8	44050-48320	8A	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 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.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
44050-48320	04008-26448	Actuator Assy, Brake W/ Fluid	1
47070-48020 44598-50010	04008-51148	Pump Kit, Brake Booster W/ Accumulator	1

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Required Tools & Equipment

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

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 14.10.028 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

Repair Procedure

1. Confirm the condition exists.
Are 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 stored DTCs. Record ANY stored DTCs.
Are ANY of the following DTCs stored: C1391, C1252, C1253, or C1256?
 - **YES** — Continue to step 3.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
3. Remove the brake actuator and booster pump assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - [2008](#) / [2009](#) / [2010](#) Highlander HV:
Brake— Brake Control/Dynamic Control System – “Brake Control – Brake Actuator: Removal”

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Repair Procedure (continued)

4. Install the NEW brake actuator and booster pump assembly.
 - [2008](#) / [2009](#) / [2010](#) Highlander HV:
*Brake – Brake Control/Dynamic Control System – “Brake Control –
Brake Actuator: Installation”*
5. Test-drive the vehicle to confirm the repair.