

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
2012 - 2015	Prius PHV	
2011 - 2015	Prius	

Introduction

Some 2011 – 2015 model year Prius and 2012 – 2015 model year Prius Plug-in 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, C1256, and 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.

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Warranty Information

MODEL YEAR	MODEL	OP CODE	DESCRIPTION	TIME	OFF	T1	T2
2011	Prius	BR1804	R & R Brake Booster Assembly With Master Cylinder and R & R Brake Booster Pump Assembly	5.2	47050-47140 47050-47150 47070-47060	8A	99
2012 – 2013	Prius			5.2	47050-47180 47050-47190 47070-47060		
	Prius PHV			5.2	47050-47210 47070-47060		
2014 – 2015	Prius			5.2	47050-47310 47050-47320 47070-47060		
	Prius PHV			5.2	47050-47340 47070-47060		

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

MODEL YEAR	MODEL	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
2011	Prius	47050-47140	04008-11147	Brake Booster Assy W/Master Cylinder	1
		47050-47150	04008-11247		
		47070-47060	04006-22147	Pump Assy, Brake Booster	1
2012 – 2013		47050-47180	04008-11347	Brake Booster Assy W/Master Cylinder	1
		47050-47190	04008-11447		
		47070-47060	04006-22147	Pump Assy, Brake Booster	1
2014 – 2015	47050-47310	04008-11547	Brake Booster Assy W/Master Cylinder	1	
	47050-47320	04008-11647			
		47070-47060	04006-22147	Pump Assy, Brake Booster	1

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Parts Information (continued)

MODEL YEAR	MODEL	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
2012 – 2013	Prius PHV	47050-47210	04008-11747	Brake Booster Assy W/Master Cylinder	1
		47070-47060	04006-22147	Pump Assy, Brake Booster	1
2014 – 2015		47050-47340	04008-11847	Brake Booster Assy W/Master Cylinder	1
		47070-47060	04006-22147	Pump Assy, Brake Booster	1

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

REQUIRED TOOLS & MATERIAL	FLUID TYPE	QTY
Brake Fluid	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.

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Repair Procedure (continued)

2. Using Techstream, check for DTCs. 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](#) / [2015](#) Prius:
Brake – Brake System – “Brake System (Other): Brake Booster: Removal”
 - [2012](#) / [2013](#) / [2014](#) / [2015](#) Prius PHV:
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](#) / [2015](#) Prius:
Brake – Brake System – “Brake System (Other): Brake Booster Pump: Removal”
 - [2012](#) / [2013](#) / [2014](#) / [2015](#) Prius PHV:
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](#) / [2015](#) Prius:
Brake – Brake System – “Brake System (Other): Brake Booster: Installation”
 - [2012](#) / [2013](#) / [2014](#) / [2015](#) Prius PHV:
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](#) / [2015](#) Prius:
Brake – Brake System – “Brake System (Other): Brake Booster Pump: Installation”
 - [2012](#) / [2013](#) / [2014](#) / [2015](#) Prius PHV:
Brake – Brake System – “Brake System (Other): Brake Booster Pump: Installation”

7. Test-drive the vehicle to confirm the repair.