

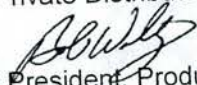
# TOYOTA

## SB-10056077-3119

### PRODUCT SUPPORT DIVISION

Volume: XIX  
Number: TC14-026  
Date: 6/25/2014  
 Action  
 Retain  
 Information

#### INTEROFFICE MEMORANDUM

To: All Region/Private Distributor General Managers/Vice Presidents  
From: Bob Waltz,   
Group Vice President, Product Quality & Service Support  
Subject: Warranty Enhancement Program – ZE1  
2007-2011 Model Year Camry Hybrid Vehicles  
Extension of Warranty Coverage for Brake Actuator Assembly and Skid Control ECU/Brake Pedal Stroke Sensor

**In our continuing efforts to ensure the best in customer satisfaction, Toyota is announcing a Warranty Enhancement Program to extend the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor on 2007-2011 MY Camry Hybrid Vehicles.**

In these vehicles, Toyota has received some reports where various brake system related warning lamps illuminate due to internal malfunctions of the Brake Actuator assembly. Separately, the same warning lamps may also illuminate due to overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

Although the Brake Actuator assembly and Skid Control ECU are covered by Toyota's New Vehicle Limited Warranty for 3 years or 36,000 miles (whichever occurs first), we at Toyota care about the customers' ownership experience. Toyota is now extending the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor. Please see the Warranty Enhancement Program Details for additional information.

The following information is provided to inform you and your staff of the program notification schedule and your degree of involvement.

1. **Dealer Letter Mailing Date**

The attached Dealer Letter will be mailed to all Toyota dealers in Late June, 2014.

2. **Owner Notification Mailing Date**

The owner notification will commence in Early July, 2014 and will be mailed over several months. We have attached a sample owner letter for your reference.

3. **Warranty Enhancement Program Details**

This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle's "New Vehicle Limited Warranty" for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor. If the condition is related to an internal malfunction of the Brake Actuator, it will be replaced with a new one at **no charge**. If the condition is caused by overly sensitive monitoring logic for the Brake Pedal Stroke Sensor, the Skid Control ECU will be reprogrammed or replaced at **no charge**.

- The **Primary Coverage** offers warranty enhancement until November 30, 2015 with no mileage limitation.
- After the Primary Coverage period ends, **the Secondary Coverage** is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

*This coverage is for warranty work performed at an authorized Toyota dealer only. It is subject to the same terms and conditions set forth in the New Vehicle Limited Warranty Section of your Owner's Warranty Information booklet. For example, damage from abuse, an accident, theft and/or vandalism is not covered by the New Vehicle Limited Warranty or this warranty enhancement.*



4. **Number of Vehicles Covered**

There are approximately 177,500 Vehicles covered by this Warranty Enhancement Program.

5. **Region/District Summary Reports**

We have enclosed the following Warranty Enhancement Program Summary Reports in the Region/Private Distributor (PD) Service Manager/Customer Operations Manager/Director of Service Package:

- Region/PD Summary Reports that provides an overview of the entire Region/PD for this Warranty Enhancement Program.
- District Summary Reports that indicate the number of involved vehicles registered in each dealership's primary market area for this Warranty Enhancement Program.

Please note that dealerships will not receive reports as this is not a Recall or Special/Limited Service Campaign.

Please review this entire Warranty Enhancement Package with the appropriate associates so that they may provide the necessary support to your dealers and maximize our combined customer satisfaction efforts.

Enclosures

cc: Region/Private Distributor Assistant General Managers  
Region/Private Distributor Customer Service Operations Managers  
Region/Private Distributor Service Managers/Directors/VPs  
Region/Private Distributor Parts Managers/Directors/VPs  
Region/Private Distributor Customer Services Field Managers  
Region/Private Distributor Technical Services and Training Managers  
Region/Private Distributor District Service and/or Parts Managers  
Region/Private Distributor Customer Relations Managers  
Region/Private Distributor PDC Managers  
Region/Private Distributor Field Technical Specialists  
Region/Private Distributor Service Training Specialists  
Region/Private Distributor Vehicle Operations Managers  
Field Product Engineers

To: All Toyota Dealer Principals,  
Service Managers, Parts Managers

Subject: Warranty Enhancement Program – ZE1  
2007-2011 Model Year Camry Hybrid Vehicles  
Extension of Warranty Coverage for Brake Actuator Assembly and Skid Control ECU/Brake  
Pedal Stroke Sensor

**In our continuing efforts to ensure the best in customer satisfaction, Toyota is announcing a Warranty Enhancement Program to extend the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or inaccurate monitoring logic of the Brake Pedal Stroke Sensor on 2007-2011 MY Camry Hybrid Vehicles.**

In these vehicles, Toyota has received some reports where various brake system related warning lamps illuminate due to internal malfunctions of the Brake Actuator assembly. Separately, the same warning lamps may also illuminate due to overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

Although the Brake Actuator assembly and Skid Control ECU are covered by Toyota's New Vehicle Limited Warranty for 3 years or 36,000 miles (whichever occurs first), we at Toyota care about the customers' ownership experience. Toyota is now extending the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor. Please see the Warranty Enhancement Program Details for additional information.

The following information is provided to inform you and your staff of the program notification schedule and your degree of involvement.

1. **Owner Notification Letter Mailing Date**

The owner notification will commence in Early July, 2014 and will be mailed over several months. We have attached a sample owner letter for your reference.

2. **Warranty Enhancement Program Details**

This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle's "New Vehicle Limited Warranty" for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor. If the condition is related to an internal malfunction of the Brake Actuator, it will be replaced with a new one at **no charge**. If the condition is caused by overly sensitive monitoring logic for the Brake Pedal Stroke Sensor, the Skid Control ECU will be reprogrammed or replaced at **no charge**.

- The **Primary Coverage** offers warranty enhancement until November 30, 2015 with no mileage limitation.
- After the Primary Coverage period ends, **the Secondary Coverage** is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

*This coverage is for warranty work performed at an authorized Toyota dealer only. It is subject to the same terms and conditions set forth in the New Vehicle Limited Warranty Section of your Owner's Warranty Information booklet. For example, damage from abuse, an accident, theft and/or vandalism is not covered by the New Vehicle Limited Warranty or this warranty enhancement.*



**3. Number and Identification of covered Vehicles**

There are approximately 177,500 Vehicles covered by this Warranty Enhancement Program.

Please refer to Warranty Policy Bulletin (Bulletin No. POL14-04) for identification of vehicles covered by this Warranty Extension.

**4. Warranty Claim Processing Instructions**

Please refer to the Warranty Policy Bulletin (Bulletin No. POL14-04) for warranty claim processing instructions. *All parts replaced for this repair are subject to warranty parts recovery.*

**5. Technical Instructions (Repair Procedures)**

- Technical Instructions for Malfunctions of the Brake Actuator Assembly can be found in T-SB-0041-14
- Technical Instruction for overly sensitive monitor logic for the Brake Pedal Stroke Sensor can be found in T-SB-0040-14

**6. Parts Ordering**

As this is an extension of the warranty, most customers will only request reimbursement from TMS for past replacements. Dealers should not increase their stock of Brake Actuator Assemblies or Skid Control ECUs. As always, if a customer experiences one of the conditions described, dealers should conduct appropriate diagnosis and order the applicable parts.

*Refer to Warranty Policy Bulletin POL14-04 for detailed parts ordering information.*

**Dealers are requested to only order parts for vehicles experiencing this condition. DO NOT ORDER FOR STOCK.** The parts have been placed on Dealer Ordering Solutions and will be systematically released daily. Please see the weekly manual allocation report for additional details.

<b>TOYOTA</b>						
<b>Parts Allocation Report</b>						
99999						
SAMPLE TOYOTA of NOWHERE						
<p>The below matrix provides information for parts managed by NAPO Dealer Ordering Solution (DOS) and illustrates updates to your current daily allocation quantities. Parts shipments, arrivals and inventory quantities at your local PDC will change daily as parts are received and shipped from NAPO Suppliers. Therefore, your daily allocation quantity is subject to change based on the parts In-stock availability as well as In-transit inventory to your facing PDC. This report is provided as needed when daily allocation changes for DOS parts.</p> <p>Parts with recent changes will be illustrated from top to bottom with the most recent effective date.</p> <p>If you have any questions or concerns, please contact your facing PDC Customer Support Leader, John Q Sample at (999) 999-9999.</p>						
Part Number	Total Allocation Quantity	Allocation Quantity	Allocation Frequency	Total Allocation Shipped	Total Allocation Remaining	Effective Date

**7. Customer Reimbursement**

Please refer to the attached owner letter for reimbursement consideration instructions.

Please review this entire package with your Service and Parts staff to familiarize them with the proper step-by-step procedures required to implement this Warranty Extension.

As part of our dedication to continuous improvement, changes have been incorporated in the production process to ensure the highest quality products are provided to our customers.

Thank you for your cooperation.

TOYOTA MOTOR SALES, U.S.A., INC.



Re: <VIN>

Dear Toyota Camry Hybrid Owner:

At Toyota, we are dedicated to providing vehicles of outstanding quality and value. As part of our continual efforts to ensure customer satisfaction, Toyota would like to advise you of an enhancement to portions of your Toyota Camry Hybrid New Vehicle Limited Warranty. Toyota has received some reports where various brake system related warning lamps illuminate due to internal malfunctions of the Brake Actuator assembly. Separately, the same warning lights may also illuminate due to overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

**Please Note:** Because Brake System related warning lamps can illuminate for reasons other than these conditions, any authorized Toyota Dealership will determine if a condition is covered by this Warranty Enhancement at **no charge** to you. If a condition is covered, the vehicle will be repaired at **no charge** to you. If a condition is unrelated to this Warranty Enhancement, additional diagnosis & repairs would be your responsibility (refer to your vehicle's "New Vehicle Limited Warranty" for additional details).

While the majority of vehicles will not experience these Brake Actuator or Brake Stroke Sensor conditions, to assure you that we stand behind our product, we are offering the following New Vehicle Warranty Extension:

**What should you do?**

**Please apply the sticker below to your Owner's Warranty & Maintenance Guide booklet for future reference. If you have not experienced illumination of various brake system related warning lamps\* there is no action necessary at this time.**

*\*Please refer to owner FAQ for warning lamps related to these conditions*

**Warranty Enhancement Program Details**

This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle's "New Vehicle Limited Warranty" for repairs related to a malfunction of the Brake Actuator Assembly or inaccurate monitoring logic of the Brake Pedal Stroke Sensor. If the condition is related to an internal malfunction of the Brake Actuator, it will be replaced with a new one at **no charge**. If the condition is caused by overly sensitive monitoring logic for the Brake Pedal Stroke Sensor, the Skid Control ECU will be reprogrammed or replaced at **no charge**. If one or more of the conditions is verified, the vehicle will be repaired under the terms of this Warranty Enhancement Program\*.

- The **Primary Coverage** offers warranty enhancement until November 30, 2015 with no mileage limitation.
- After the Primary Coverage period ends, **the Secondary Coverage** is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

Please note that this coverage is for warranty work performed at an authorized Toyota dealer only.

This Warranty Enhancement Program is limited to your specific vehicle whose Vehicle Identification Number (VIN) is printed below and is subject to the same terms and conditions set forth in the New Vehicle Limited Warranty Section of your Owner's Warranty Information booklet. For example, damage from abuse, an accident, theft and/or vandalism is not covered by the New Vehicle Limited Warranty or this warranty enhancement.

\* Please see your Toyota dealer for additional details

VIN #: \_\_\_\_\_

Date of First Use: \_\_\_\_\_



If you experience either of these conditions, please contact any authorized Toyota dealer and make arrangements for diagnosis and, if applicable, repair.

If you would like to update your vehicle ownership or contact information, please go to [www.Toyota.com/#login](http://www.Toyota.com/#login). You will need your full 17-digit Vehicle Identification Number (VIN) to input the new information.

If you have previously paid for repairs related to one or both of these conditions, please mail a copy of your repair order, proof-of-payment, and proof-of-ownership to the following address for reimbursement consideration:

Toyota Motor Sales, USA, Inc.  
Toyota Customer Experience WC10  
19001 South Western Avenue  
Torrance, CA 90509

\*Please refer to the attached Reimbursement Checklist for required documentation details.


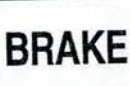

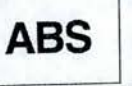



**Q1: Is this a recall?**

A1: No. This is not a recall. At Toyota, we are dedicated to providing vehicles of outstanding quality and value. As part of our continual efforts to ensure customer satisfaction, Toyota is advising you of this Enhancement to the Warranty Coverage to assure you that we stand behind the product.

**Q2: How do I determine if my vehicle has a concern with the Brake Actuator Assembly or Brake Pedal Stroke Sensor?**

A2: If the following warning lamps are illuminated, your vehicle may be experiencing a concern with the Brake Actuator Assembly or Brake Pedal Stroke Sensor that is covered by this warranty enhancement.

				
Master Warning Light (Red)	Brake Warning Light (Red)	Electronically Controlled Brake Warning (Yellow)	Anti-Lock Brake System (Yellow)	SLIP Indicator (Yellow)

Please note: It is possible for the lights above to be illuminated and the condition not be related to this warranty enhancement program.

**Q2a: What if the dealer performs diagnosis and determines that my vehicle does not have one of the conditions covered by this Warranty Enhancement Program?**

A2a: Any authorized Toyota Dealership will determine if a condition is covered by this Warranty Enhancement at **no charge** to you. If the above brake system warning lamps are illuminated for reasons not related to this warranty enhancement program, additional diagnostics and repairs would be your responsibility (refer to your vehicle's "New Vehicle Limited Warranty" for additional details).

**Q3: If my vehicle does not have one of these conditions, do I need to make an appointment with my dealership?**

A3: No, you do not need to take your vehicle to a dealership unless your vehicle is exhibiting the conditions described in this letter. **If you have not experienced one of these conditions, please apply the sticker to your Owner's Warranty & Maintenance Guide booklet for future reference.**

**Q4: Is the Warranty Enhancement Program coverage transferable if I sell my vehicle?**

A4: Yes, this Warranty Enhancement coverage is fully transferrable to subsequent vehicle owners for the conditions and terms specified in the notification letter.

**Q5: What should I do if my vehicle displays the warning indicators shown above?**

A5: If you experience illumination of the brake system warning indicators shown above, please contact any authorized Toyota dealer at your earliest convenience and make arrangements for diagnosis and repair, if applicable.

**Q6: How long will the repair take?**

A6: If the condition is present on your vehicle, the repair will take approximately 3 hours. However, depending upon the dealer's work schedule, it may be necessary to make the vehicle available for a longer period of time.

**Q7: What if I have additional questions or concerns?**

A7: If you have additional questions or concerns, please contact the Toyota Customer Assistance Center at 1-888-270-9371 Monday through Friday, 5:00 am to 6:00 pm, or Saturday 7:00 am through 4:00 pm Pacific Time

**\* Warranty Enhancement  
Reimbursement Checklist**

- Repair Order or Invoice
  - Must include the following information
    - Mileage on the date that the repair order was created
    - Itemized breakdown of labor charges for each repair performed
    - Detailed diagnosis statement
- Proof-of-Payment
  - Only the Following Items are Valid Proof-of Payment
    - Copy of a cancelled check
    - Copy of a Signed Credit Card Receipt
    - Copy of a Credit Card Statement
    - (If Paid By Cash) Letter from Repair Facility, on company letterhead, signed by the manager, verifying the amount paid by cash
- Proof-of-Ownership
  - Only the following items are Valid Proof-of-Ownership
    - Copy of the Bill of Sale
    - Copy of the Title
- Name, Address and Phone Number printed on all documents

Detailed diagnosis statement must answer the following three questions:

1. Why was the vehicle brought into the repair facility?
2. What was the repair facility's diagnosis?
3. What did the repair facility do to correct the concern?





**Warranty Enhancement Program – ZE1  
2007- 2011 Model Year Camry Hybrid Vehicles  
Extension of Warranty Coverage for Brake Actuator Assembly and Skid Control ECU/Brake Pedal Stroke Sensor**

**BACKGROUND**

In our continuing efforts to ensure the best in customer satisfaction, Toyota is announcing a Warranty Enhancement Program to extend the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.


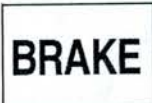

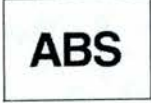

**Q1: What are the conditions?**

A1: In these vehicles, Toyota has received some reports where various brake system related warning lamps illuminate due to internal malfunctions of the Brake Actuator assembly. Separately, the same warning lights may also illuminate due to overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

Although these systems are covered by Toyota's New Vehicle Limited Warranty for 3 years or 36,000 miles (whichever occurs first), we at Toyota care about the customers' ownership experience. Toyota is now extending the warranty coverage for repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

**Q1a: Which Brake System Warning Indicators may be related to these conditions?**

A1a: If the following warning lamps are illuminated, the vehicle may be experiencing a concern with the Brake Actuator Assembly or Brake Pedal Stroke Sensor that is covered by this warranty enhancement.

				
Master Warning Light (Red)	Brake Warning Light (Red)	Electronically Controlled Brake Warning (Yellow)	Anti-Lock Brake System (Yellow)	SLIP Indicator (Yellow)

Please note: It is possible for the lights above to be illuminated and the condition not be related to this warranty enhancement program.

**Q2: What is Toyota going to do?**

A2: Owners of 2007 - 2011 Camry Hybrid vehicles covered by this Warranty Enhancement Program will receive an Owner Letter via first class mail starting in early July, 2014.

If the owner experiences the Brake System Warning Lights shown above, they should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at **no charge** to you.

**Q3: Which vehicles are covered by this Warranty Enhancement Program?**

A3: There are approximately 177,500 Camry Hybrid (2007 - 2011 Model Year) vehicles covered by this Warranty Extension.

Model	Model Year	Appx. UIO	Production Period
Camry Hybrid	2007 – 2011	177,500	Early March, 2006 through Late July, 2011



**Q3a: Are there any other Toyota, Lexus or Scion vehicles covered by this Warranty Enhancement Program?**

A3a: There are no other Toyota, Lexus or Scion vehicles covered by this Warranty Enhancement Program.

**Q4: What are the details of this coverage?**

A4: This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle's "New Vehicle Limited Warranty" for repairs related to a malfunction of the Brake Actuator Assembly or inaccurate monitoring logic of the Brake Pedal Stroke Sensor. If the condition is related to an internal malfunction of the Brake Actuator, it will be replaced with a new one at **no charge**. If the condition is caused by overly sensitive monitoring logic for the Brake Pedal Stroke Sensor, the Skid Control Electronic Control Unit (ECU) will be reprogrammed or replaced at **no charge**. If one or more of the conditions is verified, the vehicle will be repaired under the terms of this Warranty Enhancement Program.

- The **Primary Coverage** offers warranty enhancement until November 30, 2015 with no mileage limitation.
- After the Primary Coverage period ends, **the Secondary Coverage** is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

*This coverage is for warranty work performed at an authorized Toyota dealer only. It is subject to the same terms and conditions set forth in the New Vehicle Limited Warranty Section of your Owner's Warranty Information booklet. For example, damage from abuse, an accident, theft and/or vandalism is not covered by the New Vehicle Limited Warranty or this warranty enhancement.*

**Q5: Which parts are covered by this warranty enhancement program?**

A5: The specific component(s) covered by this warranty extensions are as follows:

- Brake Actuator Assembly
- Skid Control ECU or Reprogramming of Skid Control ECU

**Q6: What should an owner do if they experience the Brake System Warning Indicators described above?**

A6: If the owner experiences the Brake System Warning Lights shown above, he/she should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at **no charge** to you.

**Q7: What if the dealer performs diagnosis and determines that the vehicle does not have the conditions covered by this Warranty Enhancement Program?**

A7: Any authorized Toyota Dealership will determine if a condition is covered by this Warranty Enhancement at **no charge** to you. If the above brake system warning lamps are illuminated for reasons not related to this warranty enhancement program, additional diagnostics and repairs would be your responsibility (refer to your vehicle's "New Vehicle Limited Warranty" for additional details).

**Q8: What if an owner has NOT experienced this condition but would like to have the repair completed?**

A8: This Warranty Enhancement Program only applies to vehicles that have exhibited the conditions described above. If an owner has not experienced one of these conditions, he/she is asked to apply the warranty enhancement notification sticker to the Owners Warranty Information Booklet for future reference.

**Q9: How long will the repair take?**

A9: If either condition is present on the vehicle, the repair will take approximately 3 hours. However, depending upon the dealer's work schedule, it may be necessary to make the vehicle available for a longer period of time.



**Q10: What if a customer has previously paid for repairs on their vehicle?**

A10: Owners that have previously paid for repairs for one or both of these specific conditions should refer to the owner letter for reimbursement consideration instructions.

**Q11: What if an owner has additional questions or concerns?**

A11: Owners with questions or concerns are asked to please contact the Toyota Customer Experience Center at 1-888-270-9371 Monday through Friday, 5:00 am to 6:00 pm, or Saturday 7:00 am to 4:00 pm Pacific Time



# 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
2007 – 2011	Camry HV	

## Introduction

Some 2007 – 2011 model year Camry HV vehicles may exhibit a condition where the brake, ABS, and/or TRAC warning light(s) are ON and/or a Check VSC message is displayed. Diagnostic Trouble Code (DTC) C1391, C1252, C1253 or 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	OFF	T1	T2
896051	R & R Brake Actuator Assembly	1.2	44050-30300	8A	71

### 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		
44050-30300	44050-30660	Actuator Assy, Brake w/ Fluid	1



## ABS Brake Warning Light ON

### Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

\* Essential SST.

#### NOTE

- Only **ONE** of the Techstream units listed above is required.
- Software version 9.10.037 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

### Repair Procedure

1. Using Techstream, check for stored DTC(s). Record any stored DTC(s).
2. Check for brake fluid leaks in the brake line between the brake actuator and the wheel cylinder(s).  
Is the brake dragging?
  - **NO** — Continue to step 3.
  - **YES** — If there is fluid leakage or dragging, this bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
3. Wait 90 seconds without operating the brake pedal.
4. After completing diagnosis, select *ABS/VSC* in the Data List mode of Techstream and read the *ACC PRESS SENS* value.

Check that the output value of the accumulator pressure sensor does NOT decrease and that the pump motor is NOT activated due to a decrease in accumulator pressure.

TESTER DISPLAY	MEASUREMENT ITEM/RANGE	NORMAL CONDITION
ACC PRESS SENS	Accumulator Pressure Sensor/min: 0 V, max: 5 V	Specified Value: 2.6 to 3.8 V

- **OK** – Refer to the Technical Information System (TIS), applicable model and model year Repair Manual for C1391 to continue diagnosis:
  - [2007 \(03/2006 – 10/2006\)](#) / [2007 \(10/2006 – \)](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: *Brake – Brake Control/Dynamic Control System – “Brake Control: Electronically Controlled Brake System: C1391/69; Accumulator Leak Malfunction”*

## ABS Brake Warning Light ON

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### Repair Procedure (Continued)

- If pressure sensor output value does NOT reach specified minimum.

Refer to TIS, applicable model and model year Repair Manual for C1252 to continue diagnosis. After completing diagnosis and repair, proceed to step 6.

- 2007 / 2008 / 2009 / 2010 / 2011 Camry HV:  
*Brake – Brake Control/Dynamic Control System – “Brake Control: Electronically Controlled Brake System: C1252/52, C1253/53 Brake Booster Pump Motor on Time Abnormally Long”*

- If pressure sensor output value decreases, continue to step 5.

5. Replace the brake actuator with the NEW part.

Refer to TIS, applicable model and model year Repair Manual:


- 2007 (03/2006 – 10/2006) / 2007 (10/2006 – ) / 2008 / 2009 / 2010 / 2011 Camry HV:  
*Brake – Brake Control/Dynamic Control System – “Brake Control/Dynamic Control Systems: Brake Actuator: Removal”*
- 2007 (03/2006 – 10/2006) / 2007 (10/2006 – ) / 2008 / 2009 / 2010 / 2011 Camry HV:  
*Brake – Brake Control/Dynamic Control System – “Brake Control/Dynamic Control Systems: Brake Actuator: Installation”*

6. After completing diagnosis and repair, select ABS/VSC in the Data List mode of Techstream and read the ACC PRESS SENS value to confirm the repair.

TESTER DISPLAY	MEASUREMENT ITEM/RANGE	NORMAL CONDITION
ACC PRESS SENS	Accumulator Pressure Sensor/min: 0 V, max: 5 V	Specified Value: 2.6 to 3.8 V

7. Test drive the vehicle to confirm that the condition has been corrected.



<b>DISTRIBUTE TO:</b> <input checked="" type="checkbox"/> Service Manager <input checked="" type="checkbox"/> Warranty Administrator	 <b>TOYOTA</b>  <b><i>Warranty Policy Bulletin</i></b>	No.: POL14-04 Date: 06/26/14 Page: 1 of 3
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**SUBJECT: WARRANTY ENHANCEMENT PROGRAM (ZE1):  
WARRANTY EXTENSION FOR BRAKE ACTUATOR  
ASSEMBLY AND SKID CONTROL ECU/BRAKE PEDAL  
STROKE SENSOR IN 2007 TO 2011 MODEL YEAR CAMRY  
HYBRID VEHICLES**

### **Background**

In 2007 to 2011 model year Camry Hybrid vehicles, Toyota has received some reports where various brake system related warning lamps illuminate due to internal malfunctions of the Brake Actuator assembly. Separately, the same warning lamps may also illuminate due to overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

### **Applicability**

The Brake Actuator assembly and Skid Control ECU are covered by Toyota's New Vehicle Limited Warranty for 3 years or 36,000 miles (whichever occurs first). However, Toyota is announcing a Warranty Enhancement Program to cover repairs related to internal malfunctions of the Brake Actuator assembly or overly sensitive monitoring logic for the Brake Pedal Stroke Sensor.

**Primary Coverage** offers the warranty enhancement until **November 30, 2015, with no mileage limitation.**

After the Primary Coverage period ends, the **Secondary Coverage** is applicable for **ten (10) years from the date-of-first use or 150,000 miles, whichever occurs first.**

Verify VIN applicability for this warranty enhancement by checking TIS before completing any repairs.

**Applicability (continued)**

Direct marketing of this warranty enhancement is strictly prohibited pursuant to the Toyota Warranty Policy 5.21, "Warranty Solicitation." Non-compliance with this policy may result in a claim debit.

*Please note that damage incurred from abuse, an accident and/or crash, vandalism or other similar events is not covered by the New Vehicle Limited Warranty or this Warranty Extension. All other terms and conditions of the New Vehicle Limited Warranty apply.*

**Applicable VIN Ranges**

WMI	VDS	Model Year	Start	End
4T1	BB46K	2007	U001012	U030790
		2008	U024787	U062522
		2009	U061175	U111424
	BB3EK	2010	U089187	U126215
		2011	U125695	U143974
JTN	BB46K	2007	3000160	3044808
		2008	3044111	3049003
		2009	3048659	3053539
	BB3EK	2010	3053459	3053881
		2011	3053902	3054497

Verify VIN applicability for this Warranty Enhancement by checking TIS before completing any repairs.

**Claim Submission**

Claim Type	Opcode	Description	Labor Time
Repair Program	AHG55A*	Replace the Brake Actuator Assembly	2.3 hr./vehicle
	AHG54A	Replace the Skid Control Computer Assembly	2.1 hr./vehicle

\*The cost for 2.0L of brake fluid may be claimed, at a maximum of \$36 per vehicle, as Sublet Type "OF."

**Note:** If the vehicle is still under the New Vehicle Limited Warranty, submit the repair as a **Regular** warranty claim.



**Replacement Parts**

All parts replaced for this repair are subject to warranty parts recovery.

Part Number	Description	Quantity	Applicable TSB
04003-44830	Brake Actuator Assembly	1	T-SB-0041-14
89540-33390	Skid Control Computer Assembly	1	T-SB-0040-14
89540-33400			

During the initial launch of this Warranty Enhancement Program the related parts will be placed on Manual Allocation Control (MAC). If you require one of the above parts for vehicle repair, please send an email to [Quality\\_Compliance@toyota.com](mailto:Quality_Compliance@toyota.com) with the following information:

1. Subject Line: ZE1 MAC Release Request (Dealer Code)
2. Dealer Code
3. VIN # of repair vehicle
4. DTC's Present or Reason for Order
5. Part Number and Qty Ordered
6. Order Reference Number
7. Order Date
8. Contact Person

Once a representative confirms the information provided, the part will be released. If there is a concern regarding the information provided, a representative will contact your dealership. Please allow 2-3 days for part release after providing the requested information.

**Important Notes:**

- *Once you have placed your order, DO NOT upgrade or change your order status.*
- *Dealerships must provide the above listed information within 48 hours of order placement; failure to provide the information above will result in an order cancelation.*

**Customer-Paid Repairs or Replacement of Components**

If a customer has previously paid for the repair to address the condition described above, please have them mail a copy of the repair order, proof-of-payment, and proof-of-ownership to the following address for reimbursement consideration:

**Toyota Motor Sales, U.S.A., Inc.  
Customer Experience Center, WC10  
19001 South Western Avenue  
Torrance, CA 90509**

The customer name, address, and telephone number(s) should be included in the request. The customer should allow 4-6 weeks for processing.