

Parking Brake or Cruise Control Malfunction Message With DTC C13B0

Service Category Brake

Section Brake Control/Dynamic Control System

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018 - 2020	Camry	WMI(s): 4T1 VDS(s): B11HK, B61HK, BZ1HK

Introduction

Some 2018 – 2020 model year Camry vehicles may exhibit a Parking Brake Malfunction or Cruise Control Malfunction warning message on the MID (multi-information display) with Diagnostic Trouble Code (DTC) C13B0 (Electric Parking Brake ECU Malfunction) present. Follow the Repair Procedure in this bulletin to address this condition.

Figure 1. Parking Brake Malfunction Warning Message



Figure 2. Cruise Control Malfunction Warning Message



NOTE

This Service Bulletin ONLY applies to 2018 – 2020 model year Camry vehicles equipped with Electronic Parking Brakes.

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1918	Reprogram Skid Control Computer	0.8	44050-06380 44050-06390	8B	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		
89541-06310	44050-06380	Skid Control Computer	–
89541-06320	44050-06390		
00451-00001-LBL		Authorized Modifications Labels	1

NOTE

- The skid control ECU should NOT be replaced as part of the Repair Procedure.
- Authorized Modifications Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) through *Dealer Daily – Parts – Dealer Support Materials Orders*.

Required Tools & Equipment

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 14.20.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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Required Tools & Equipment (continued)

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool*	DCA-8000P T	1

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Calibration Information

MODEL	ECU	CALIBRATION ID	
		PREVIOUS	NEW
Camry	Skid Control Computer	F152606210	F152606410
		F152606290	
		F152606220	F152606420
		F152606300	

Repair Procedure

- Confirm the condition exists.
Does the vehicle exhibit a Parking Brake Malfunction or Cruise Control Malfunction message on the MID with DTC C13B0 present?
 - YES** — Continue to step 2.
 - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- Does the Parking Brake Malfunction or Cruise Control Malfunction message go away (at least temporarily) after shutting off and restarting the vehicle?
 - YES** — Continue to step 3.
 - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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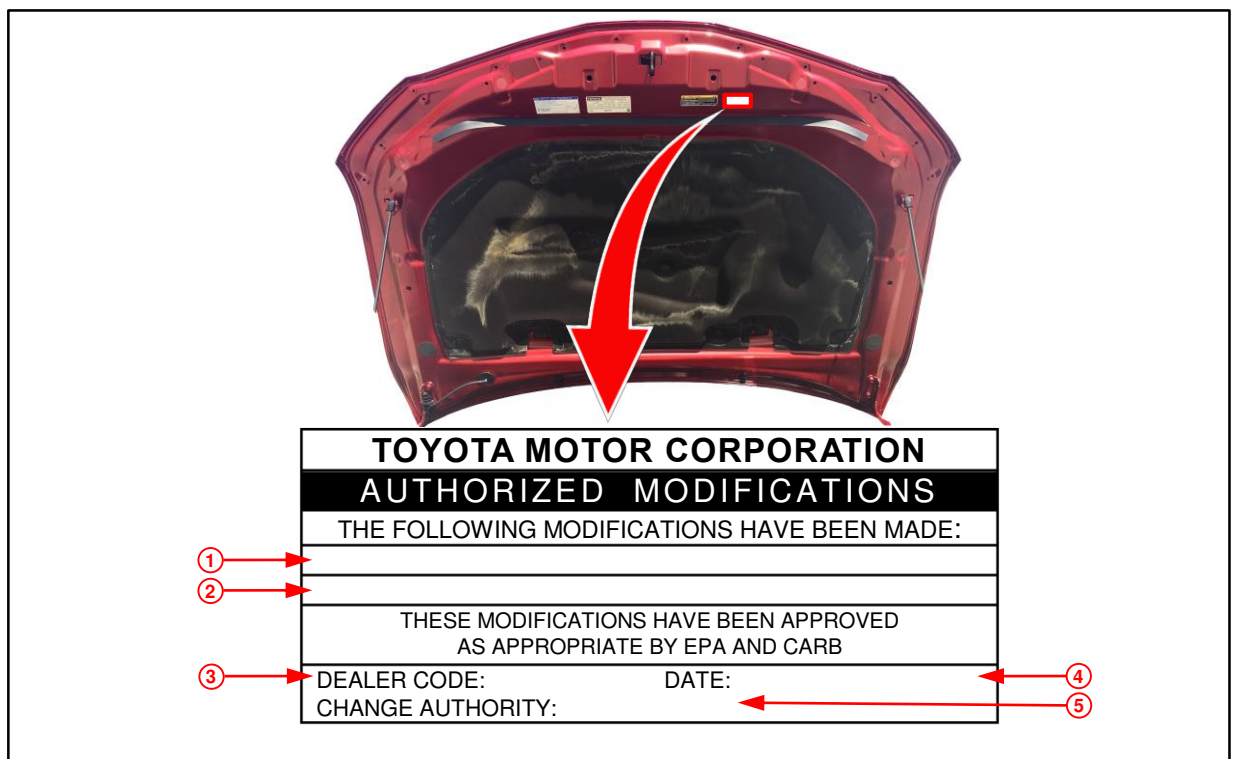
Repair Procedure (continued)

3. Use Techstream to confirm if the skid control ECU calibration has been updated and check for the Authorized Modifications Label affixed to the vehicle in the location shown below.

Is the calibration ID listed in Techstream and on the label the latest skid control ECU calibration?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 4.

Figure 3. Location of Authorized Modifications Label on 2018 – 2020 Camry



1	Replacement ECM (PCM) Part Number (e.g., 89541-06311)
2	New Calibration ID (e.g., F152606410)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

4. Flash reprogram the skid control ECU.

NOTE

- The battery diagnostic tool **MUST** be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the battery diagnostic station, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin [L-SB-0001-18](#), *Techstream ECU Flash Reprogramming Procedure*, and flash the skid control ECU with the NEW calibration file update.

5. Prepare and install the Authorized Modifications Label.
 - A. Using a permanent marker, enter the following information on the label:
 - ECM (PCM) part number [*Refer to the **Parts Information** section for the **NEW PART NUMBER***]
 - Calibration ID(s) [*Refer to the **Calibration Information** section for the **NEW CALIBRATION ID***]
 - Dealer Code
 - Repair Date
 - Change Authority [***This bulletin number***]
 - B. Install the Authorized Modifications Label onto the vehicle at the location shown in Figure 3. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL.
6. Test-drive the vehicle to confirm proper operation.