

Parking Brake Warning Light On With DTC C059746

Service Category Brake

Market USA and Mexico

Toyota Supports
 ASE Certification 

Section Parking Brake

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2021 - 2022	Corolla, Corolla Hatchback	
2021	RAV4	

REVISION NOTICE

March 31, 2023 Rev2:

- Applicability has been updated to exclude 2020 and 2022 model year RAV4 vehicles and 2020 model year Corolla and Corolla Hatchback vehicles.
- The Market Indicator has been updated to include the Mexico market.
- The Introduction, Warranty, and Repair Procedure sections have been updated.

December 13, 2021 Rev1:

- Applicability has been updated to include 2022 model year Corolla, Corolla Hatchback, and RAV4 vehicles.

Any previous printed versions of this bulletin should be discarded.

SUPERSESION NOTICE

The information contained in this bulletin supersedes Service Bulletin No. T-SB-0021-22.

- Applicability has been updated to exclude 2020 model year Corolla, Corolla Hatchback, and RAV4 vehicles and include 2022 model year Corolla and Corolla Hatchback vehicles.
- The Market Indicator has been updated to include the USA market.
- The Introduction, Warranty, and Repair Procedure sections have been updated.

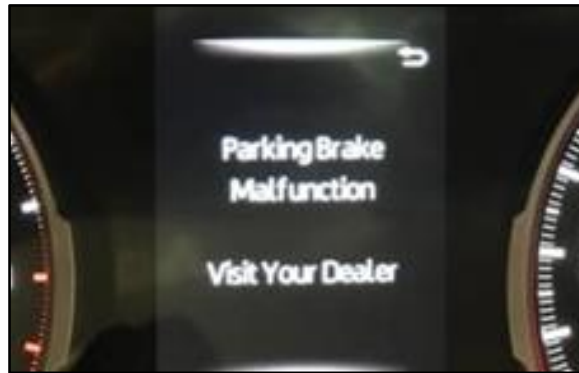
Service Bulletin No. T-SB-0021-22 is obsolete and any printed versions should be discarded.

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Introduction

Some 2021 – 2022 model year Corolla and Corolla Hatchback and 2021 model year RAV4 vehicles may exhibit a Parking Brake Malfunction warning message on the Multi-information Display (MID) with Diagnostic Trouble Code (DTC) C059746 (Brake System Control Module “A” Calibration / Parameter Memory Failure) present. This bulletin addresses DTC C059746 only, it may appear before or after completing the Repair Procedure in this bulletin. No other condition or DTC should be present. If there are additional DTCs, continue diagnosis using applicable Repair Manual before completing the Repair Procedure outlined in this service bulletin. Follow the Repair Procedure in this bulletin to address this condition.

Figure 1. Parking Brake Malfunction Warning Message



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Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1928	Reprogram the Skid Control Computer	0.8	44050-#####*	8C	99

*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY (USA)

- 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.
- This service bulletin outlines ALL steps necessary to prevent unwarranted reprogramming. Toyota will NOT provide reimbursement coverage for reprogramming failures if the Repair Procedure in this service bulletin is not followed.

For Mexico Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1928	Reprogram the Skid Control Computer	0.8	44050-#####*	8C	99

*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY (MEXICO)

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 60,000 kilometers, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.
- This service bulletin outlines ALL steps necessary to prevent unwarranted reprogramming. Toyota will NOT provide reimbursement coverage for reprogramming failures if the Repair Procedure this service bulletin is not followed.

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Parts Information

For USA Market

MODEL	PART NUMBER	PART NAME	QTY
Corolla	89541-12C10	Skid Control Computer	-
	89541-02560		
Corolla Hatchback	89541-12F30		
RAV4	89541-42781		
	89541-42771		
	89541-0R140		
	89541-0R130		
All	00451-00001-LBL		

NOTE

- The skid control computer 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) (portal.toyotamdc.com) under item No. 0045100001LBL.

For Mexico Market

MODEL	PART NUMBER	PART NAME	QTY
Corolla	89541-12C10	Skid Control Computer	-
	89541-02560		
Corolla Hatchback	89541-12F30		
RAV4	89541-42781		
	89541-42771		
	89541-0R140		
	89541-0R130		
All	00451-00002-MEX		

NOTE

- The skid control computer 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) (portal.toyotamdc.com) under item No. 00451-00002-MEX.

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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.
- GTS+ software version 2022.04.004.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or 01-55-50103041 (Mexico).
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335 (USA) or 01-800-504-5330 (Mexico).

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Calibration Information

MODEL	ECU	CALIBRATION ID	
		PREVIOUS	NEW
RAV4	Skid Control Computer	F152642711	F15264271300
		F152642701	F15264270300
		F15260R300	F15260R30200
		F15260R290	F15260R29200
Corolla		F152602280	F15260228100
		F152612B90	F152612B9100
Corolla Hatchback		F152612B61	F152612B6200

Repair Procedure

1. Confirm the condition exists.
 Does the vehicle exhibit a Parking Brake Malfunction warning message on the MID with DTC C059746 present?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Does the vehicle exhibit ANY other DTC(s) present?
 - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 3.

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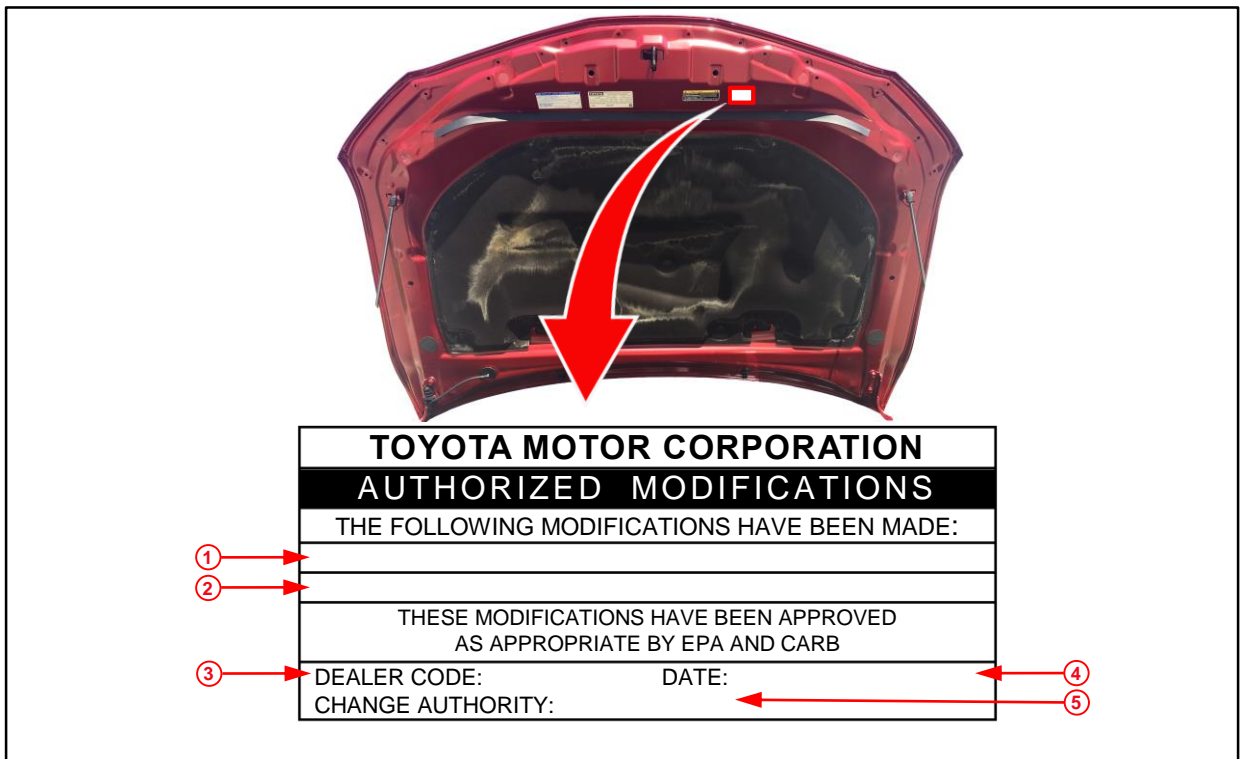
Repair Procedure (continued)

- Use Techstream to confirm if the skid control computer 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 computer calibration?

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

Figure 2. Location of Authorized Modifications Label on 2021 – 2022 Model Year Corolla and Corolla Hatchback, and 2021 Model Year RAV4 Vehicles



1	Replacement Skid Control Computer Part Number e.g., 89541-12C10
2	New Calibration ID e.g., F15264271300
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

4. Flash reprogram the skid control computer.

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 [T-SB-0134-16](#) (USA) or [T-SB-0165-19](#) (Mexico), *Techstream ECU Flash Reprogramming Procedure*, and flash the skid control computer 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:
 - Skid control computer 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 2. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL (USA) or 00451-00002-MEX (Mexico).
6. Test-drive the vehicle to confirm proper operation.