

Emergency/SOS Call During Track Usage and Sudden Acceleration Change Events

Service Category Audio/Visual/Telematics

Section Cellular Communication

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2024	GR Corolla	

Introduction

2023 – 2024 model year Toyota GR Corolla vehicles can exhibit a condition where an emergency/SOS call is triggered during track usage and sudden acceleration change events, such as, but not limited to, the vehicle hitting a pothole or a curb. If the emergency call is triggered during such an event, SRS functionality is not affected and continues to function as designed. The SRS ECU logic has been modified to address this condition. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL2403	Reprogram the SRS ECU	0.8	89170-12L60	87	74

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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.

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Parts Information

PART NUMBER	PART NAME	QTY
89170-12L60	Computer Assy, Air Bag	1

NOTE
The air bag computer assembly should NOT be replaced as part of the Repair Procedure.

Required Tools & Equipment

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

*Essential SST.

NOTE
Additional SSTs may be ordered by calling 1-800-933-8335 or by visiting *Home – Service Resources – Toyota Special Service Tools (SSTs)*.

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 2024.01.002.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

Calibration Information

MODEL YEAR	MODEL	CALIBRATION ID	
		PREVIOUS	NEW
2023 – 2024	GR Corolla	8AA111210200	8AA111210300
		8AA111214200	8AA111214300

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Repair Procedure

1. Confirm the condition exists. Does the vehicle exhibit a condition where an emergency/SOS call is triggered during track usage and sudden acceleration change events?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Use GTS+ to confirm if the SRS ECU has been updated. Is the calibration ID listed in GTS+ the latest SRS ECU calibration?
 - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 3.

3. Using the Calibration Information table above, determine which .CUW file provided to use for the software update.

4. Flash reprogram the SRS 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 tool, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in [T-SB-0107-20](#), *GTS+ ECU Flash Reprogramming With Security Signature*, and flash the SRS ECU with the NEW calibration file update.

5. After the update has been completed, use GTS+ to perform a Health Check and clear all Diagnostic Trouble Codes (DTCs). Test-drive the vehicle to confirm no warning lights or DTCs are present as result of the update.