

LTA Malfunction Warning Message With DTC U013787

Service Category Engine/Hybrid System

Section Cruise Control

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022	Tundra	VDS(s): KB5AA, KB5AB, KB5CD, KB5DA, KB5DB, KB5GD

Introduction

Some 2022 model year Tundra SR grade vehicles may display a Multi-Information Display (MID) warning message “LTA Malfunction – Visit Your Dealer” and Diagnostic Trouble Code (DTC) U013787– “Lost Communication with Trailer Brake Control Module Missing Message” is set. (SR grade vehicles are not equipped with Trailer Brake Control Module.) Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL9066	Reflash Forward Recognition Camera and Front Radar Sensor	0.9	8646C-0C130	87	74

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.

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Parts Information

PART NUMBER	PART NAME	QTY
8646C-0C130	Camera, Forward Recognition	—*
88210-0C070	Sensor Assy, Laser Cruise Control	—*

*Part calibration will be updated. Part replacement is NOT covered by this Service Bulletin.

Required Tools & Equipment

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.

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

Calibration Information

MODEL	PART	CALIBRATION ID	
		PREVIOUS	NEW
Tundra	Radar	8821F0C11000	8821F0C13000
	Camera	8646F0C11000	8646G0C15000 / 8646F0C13000
		8646G0C11000	

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Repair Procedure

1. Confirm the condition exists.
 - A. Using Techstream, perform Health Check.
 - B. Is DTC U013787– “Lost Communication with Trailer Brake Control Module Missing Message” present in the Lane Control system?
 - **YES** — Continue to substep C.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - C. Is the calibration ID of the Forward Recognition Camera or Radar Sensor 8646F0C11000, 8646G0C11000, or 8821F0C11000?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. Reflash the Forward Recognition Camera and Radar Sensor.
 - A. Reflash the Forward Recognition Camera to calibration ID 8646G0C15000 / 8646F0C13000.
 - B. Reflash the Front Radar to calibration ID 8821F0C13000.

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-0134-16](#), *Techstream ECU Flash Reprogramming Procedure*, and flash the Radar ECU with the NEW calibration file update.

3. Reset the Forward Recognition Camera and Radar Sensor.
 - A. Use the following link to run the reset tool.
Tundra: [Reset Tool](#)
 - B. Turn the ignition off.
4. Using Techstream, perform Health Check and clear ANY stored DTCs.
5. Confirm Lane Trace Assist and Radar Cruise Control function normally.