

"Trailer Disconnected" Message

Service Category Vehicle Interior

Section Meter/Gauge/Display

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018 - 2019	Tundra	

Introduction

Some 2018 – 2019 model year Tundra vehicles equipped with integrated trailer brake controllers may exhibit an intermittent “Trailer Disconnected” message in the combination meter while towing a trailer. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
Tundra	TMMTX	2WD	1UR	5TFRM5F1#KX140943
				5TFEM5F1#KX140947
			3UR	5TFRY5F1#KX251195
				5TFTY5F1#KX010739
				5TFSY5F1#KX251228
				5TFEY5F1#KX251200
				5TFFY5F1#KX251196
				5TFGY5F1#KX251198
		4WD	1UR	5TFUM5F1#KX082547
				5TFDM5F1#KX082549

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Production Change Information (continued)

MODEL	PLANT	DRIVETRAIN	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
Tundra	TMMTX	4WD	3UR	5TFUY5F1#KX835728
				5TFCY5F1#KX025065
				5TFBY5F1#KX835743
				5TFDY5F1#KX835710
				5TFHY5F1#KX835717
				5TFAY5F1#KX835700
			3UR-FFV	5TFUW5F1#KX835722
				5TFDW5F1#KX835707

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1904	Reprogram ECU (Trailer Brake Controller ECU)	0.3	89547-0C020	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.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
89547-0C020	89547-0C060	Brake Control Relay w/Bracket	—

NOTE

The Brake Control Relay with Bracket should NOT be replaced as part of the Repair Procedure.

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 14.00.019 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.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1

*Essential SST.

NOTE

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

Calibration Information

MODEL	ENGINE	CALIBRATION ID	
		PREVIOUS	NEW
Tundra	5.7L	8954F0C050	8954F0C060
		8954F0C040	

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Repair Procedure

1. Does the vehicle display an intermittent "Trailer Disconnected" message in the combination meter while towing a trailer equipped with electric or electric-over-hydraulic brakes?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does not apply. Continue diagnosis using the applicable Repair Manual.
2. Using Techstream, check for stored Diagnostic Trouble Codes (DTCs).
Are ANY trailer-related DTCs present?
 - **YES** — Continue diagnosis for these DTCs using the applicable Repair Manual, then return to step 1.
 - **NO** — Continue to step 3.
3. Verify the calibration ID for the trailer brake controller ECU.
Is the calibration ID the latest trailer brake controller ECU?
 - **YES** — This bulletin does not apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 4.
4. Flash reprogram the trailer brake controller ECU.

NOTE

- The GR8 battery diagnostic station **MUST** be used in Power Supply Mode to maintain battery voltage above 11.4V while flash reprogramming the ECU.
- Power Supply Mode is used to maintain battery voltage at 13.5V while flash reprogramming.
- For details on how to use the GR8 battery diagnostic station, refer to the [GR8 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

NOTICE

Damage to the trailer brake controller ECU may occur if the correct battery charge mode setting is NOT used.

Follow the procedures outlined in Service Bulletin No. [T-SB-0134-16](#), *Techstream ECU Flash Reprogramming Procedure*, and flash the trailer brake controller ECU with the NEW calibration file update.

5. Clear DTCs using Techstream.
6. Confirm proper operation of the trailer brake controller system.