

# Incorrect Fuel Gauge Reading

**Service Category** Vehicle Interior

**Section** Meter/Gauge/Display

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2020 - 2022	Camry	VDS(s): C11BK, F11BK, G11BK, J11BK, K61BK, L11BK, M11BK, R11BK, S11BK, T11BK Drive Type(s): AWD

## Introduction

Some 2020 – 2022 model year Camry AWD vehicles equipped with an A25A engine may exhibit an incorrect fuel gauge reading on the instrument cluster/Multi-information Display (MID) after refueling to full. Follow the Repair Procedure in this bulletin to address this condition.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
800279	Combination Meter Assembly Reprogramming	*	83800-#####**	8B	74

\*See the Flat Rate Manual.

\*\*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

- 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.

## Incorrect Fuel Gauge Reading

### Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
83800-0XQ40 83800-0XQ50		Meter Assy, Combination	-
83800-0XQ60 83800-0XQ70 83800-0XX20 83800-0XX30			
83800-0XY50 83800-0XY60	83800-0XY51 83800-0XY61		
83800-0XY70 83800-0XY80 83800-0XY90 83800-0XZ00	83800-0XY71 83800-0XY81 83800-0XY91 83800-0XZ01		
83800-0XQ41 83800-0XQ51	83800-0XQ42 83800-0XQ52		
83800-0XQ61 83800-0XQ71 83800-0XX21 83800-0XX31	83800-0XQ62 83800-0XQ72 83800-0XX22 83800-0XX32		

**NOTE**

The combination meter assembly should NOT be replaced as part of the Repair Procedure.

## Incorrect Fuel Gauge Reading

### 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 16.30.011 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](http://techinfo.toyota.com) for more information regarding J2534 reprogramming.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool*	<a href="#">DCA-8000P_I</a>	1

\*Essential SST.

**NOTE**

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

### Calibration Information

MODEL YEAR	MODEL	ENGINE	DRIVETRAIN	CALIBRATION ID	
				PREVIOUS	NEW
2020 – 2022	Camry	A25A	AWD	838000XQ4111 838000XQ4112	<a href="#">838000XQ4114</a>
				838000XQ4121 838000XQ4122	<a href="#">838000XQ4124</a>
				838000XP6124	<a href="#">838000XP6128</a>
				838000XP6125	<a href="#">838000XP6127</a>
				838000XP6144	<a href="#">838000XP6148</a>
				838000XP6145	<a href="#">838000XP6147</a>

## Incorrect Fuel Gauge Reading

---

### Repair Procedure

1. Confirm the condition exists.  
Does the vehicle exhibit an incorrect fuel gauge reading on the instrument cluster/MID AFTER refueling to full?
  - **YES** — Continue to step 2.
  - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  
2. Use Techstream to confirm if the combination meter assembly calibration has been updated. Is the calibration ID listed in Techstream the latest combination meter assembly calibration?
  - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  - **NO** — Continue to step 3.
  
3. Flash reprogram the combination meter assembly.

**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 Techstream ECU Flash Reprogramming Procedure](#), and flash the ECM (PCM) with the NEW calibration file update.

4. Confirm the condition is no longer present.  
Does the vehicle exhibit a correct fuel gauge reading on the instrument cluster/MID AFTER refueling to full?
  - **YES** — The repair is complete.
  - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual