

# Level 3 Charging Issue w/ DTC U25521F

**Service Category** Engine/Hybrid System

**Section** Hybrid/Battery Control System

**Market** USA

Toyota Supports  
ASE Certification 

## Applicability

| YEAR(S) | MODEL(S)               | ADDITIONAL INFORMATION |
|---------|------------------------|------------------------|
| 2026    | RZ350E, RZ450E, RZ550E |                        |

## Introduction

Some 2026 model year RZ 350e, RZ 450e, and RZ 550e vehicles may exhibit the Diagnostic Trouble Code (DTC) U255221F associated with the level 3 DC fast charging. Under certain conditions, charging may either operate normally or experience failure, with a charging malfunction message displayed on the Multi-Information Display (MID). This condition is attributed to a control logic issue and potential voltage drop affecting Plug-In Charge Control Computer Assembly functionality. The control logic has been modified to reduce the possibility of this condition. Follow the Repair Procedure in this bulletin to address this condition and restore proper charging and Plug-In Charge Control Computer Assembly functionality.

## Production Change Information

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

| MODEL   | MODEL YEAR | PLANT     | WMI | VDS   | CHECK<br>DIGIT | MY | PLANT<br>CODE | SERIAL # |
|---------|------------|-----------|-----|-------|----------------|----|---------------|----------|
| RZ 350e | 2026       | Motomachi | JTJ | BDADB | #              | T  | A             | 008465   |
| RZ 450e |            |           |     | BCACB |                |    |               | 007602   |
| RZ 550e |            |           |     |       |                |    |               |          |

## Level 3 Charging Issue w/ DTC U25521F

### Warranty Information

| OP CODE | DESCRIPTION                                        | TIME | OFF          | T1 | T2 |
|---------|----------------------------------------------------|------|--------------|----|----|
| EL2608  | Reprogram Plug-In Charge Control Computer Assembly | 1.0  | 89260-4614#* | 8B | 74 |

\*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 Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.
- For 2026 model year RZ 350e, RZ 450e, and RZ 550e vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — California Zero-Emission Long-Term Defect Warranty is in effect for 7 years or 70,000 miles from the vehicle's in-service date, whichever occurs first. (Please reference Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

### Parts Information

| PART NUMBER |             | PART NAME                            | QTY |
|-------------|-------------|--------------------------------------|-----|
| PREVIOUS    | NEW         |                                      |     |
| 89260-46140 | 89260-46142 | Computer Assy, Plugin Charge Control | —   |
| 89260-46141 |             |                                      |     |

#### NOTE

The Plug-In Charge Control Computer Assembly should NOT be replaced as part of the Repair Procedure.

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### Required Tools & Equipment

| SPECIAL SERVICE TOOLS (SST)       | PART NUMBER                 | QTY |
|-----------------------------------|-----------------------------|-----|
| DCA-8000 Battery Diagnostic Tool* | <a href="#">DCA-8000P T</a> | 1   |
| MSP-070 Power Supply / Charger    | <a href="#">MTRMSP0702</a>  | 1   |

\*Essential SST.

#### NOTE

- Only ONE of the 12V battery power supply units listed above is required to support reprogramming.
- Additional SSTs may be ordered by calling 1-800-368-6787 or by visiting *Home – Service Resources – Lexus Tools and Equipment Program*.

| REQUIRED EQUIPMENT            | SUPPLIER | PART NUMBER  | QTY |
|-------------------------------|----------|--------------|-----|
| Techstream ADVi*              | ADE      | TSADVUNITECP | 1   |
| Techstream Lite               |          | TSLP3DLR01   |     |
| Techstream Lite (Green Cable) |          | TSLP2DLR01   |     |

\*Essential SST.

#### NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2026.02.002.02 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                         | MODEL YEAR | CALIBRATION ID                                            |                                                                        | FILE NAME – SIZE                                           |
|-------------------------------|------------|-----------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------|
|                               |            | PREVIOUS                                                  | NEW                                                                    |                                                            |
| RZ 350e<br>RZ 450e<br>RZ 550e | 2026       | HLC: 892DF42070C0<br>PWC: 8926346270A0<br>or 892634627100 | HLC: <a href="#">892DF4207100</a><br>PWC: <a href="#">892634627200</a> | HLC: T-0052-26.cuw – 7.7 MB<br>PWC: L-0034-26.cuw – 7.7 MB |

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### Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a condition where there is a charging malfunction with a corresponding charging warning message displayed on the MID and the DTC U25521F present?

- **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 Plug-In Charge Control Computer Assembly calibration has been updated.

Is the calibration ID listed in GTS+ the latest Plug-In Charge Control Computer Assembly calibration?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 3.

3. Flash reprogram the Plug-In Charge Control Computer Assembly.

#### NOTE

- The DCA-8000 Battery Diagnostic Tool MUST be used in ECU Reflash Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- The MSP-070 Power Supply / Charger can be used on either the 13.6V or 14.4V setting to maintain battery voltage while flash reprogramming the vehicle.
- For details on how to use the 12V battery power supply units, refer to the instruction manuals located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin [L-SB-0036-22](#), *GTS+ ECU Flash Reprogramming With Security Signature*, and flash reprogram the ECM (PCM) with the NEW calibration file update.

4. Using GTS+, clear ANY DTCs and test-drive the vehicle to confirm the condition has been addressed.

#### NOTE

After DTCs are cleared, be sure to IG OFF and let vehicle rest for no less than 30 seconds before READY ON.