

# Remote Engine Starter (RES+) ECU Update from 2G to 3G

**Service Category** Vehicle Interior

**Section** Theft Deterrent/Keyless Entry

**Market** USA

Lexus Supports  
ASE Certification 

## Applicability

| YEAR(S)     | MODEL(S)      | ADDITIONAL INFORMATION |
|-------------|---------------|------------------------|
| 2013 - 2015 | CT200H        |                        |
| 2014 - 2015 | GX460         |                        |
| 2010 - 2015 | RX350, RX450H |                        |

## Introduction

Some 2010 – 2015 model year Lexus vehicles with the RES+ accessory may exhibit a condition of not being able to remote start the vehicle through their smart phone application in some areas. The user will receive a mobile device message “Waiting the answer from VIN”, indicating the network was unable to connect to their vehicle. The cause of this may be related to the provider’s 3G and 4G wireless infrastructure upgrades, resulting in the elimination of 2G network capabilities. Follow the procedures in this bulletin to address this condition.

## Warranty Information

| OP CODE | DESCRIPTION   | TIME | OFP                              | T1 | T2 |
|---------|---|------|----------------------------------|----|----|
| EL1618  | R & R Remote Engine Starter (RES+) ECU and Initialize | 0.5  | PT398-60135-AA<br>PT398-48132-AA | 99 | 74 |

### 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.
- 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 |
|----------------|----------------|-----------|-----|
| PREVIOUS       | NEW            |           |     |
| PT398-60135-AA | PT398-00151-AA | RES+ ECU  | 1   |
| PT398-48132-AA |                |           |     |

### Required Tools & Equipment

| REQUIRED EQUIPMENT | SUPPLIER | PART NUMBER | QTY |
|--------------------|----------|-------------|-----|
| Techstream 2.0*    | ADE      | TS2UNIT     | 1   |

**NOTE**

- Do NOT use Techstream Lite.
- Software version 11.20.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

\* Essential SST.

## Remote Engine Starter (RES+) ECU Update from 2G to 3G

### Repair Procedure

1. Confirm vehicle is equipped with RES+.

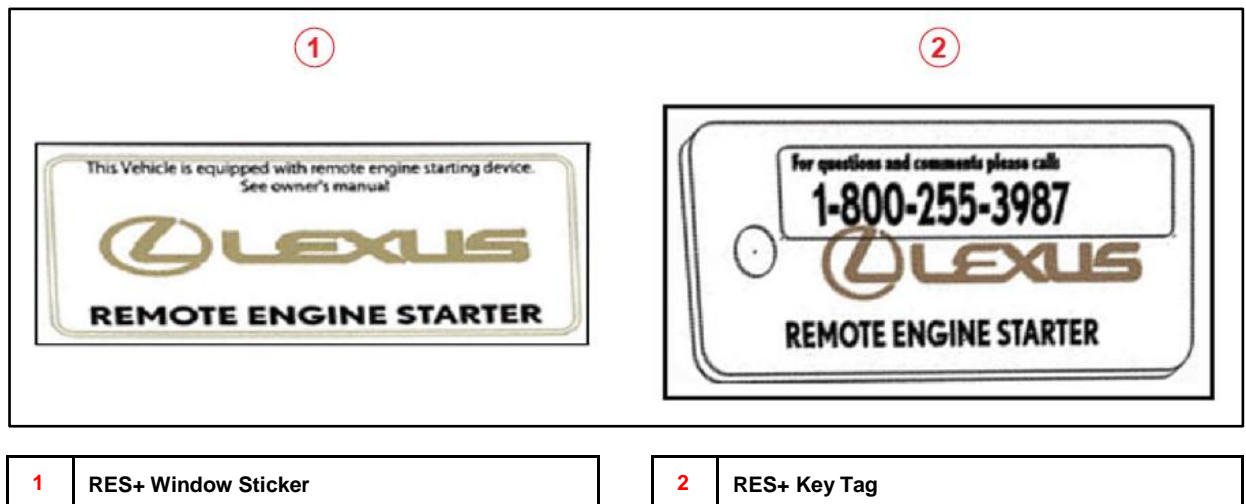
#### NOTE

- Look for RES+ window stickers on the driver or passenger front window glass.
- Look for RES+ key tag on the Smart Key ring.

Is the vehicle equipped with RES+ ?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Accessory Diagnostic Guide on page 4.

Figure 1.



2. Verify RES+ ECU is 2G or 3G.

Figure 2. 3G ECU Antenna Connectors are on ONE Side of the ECU

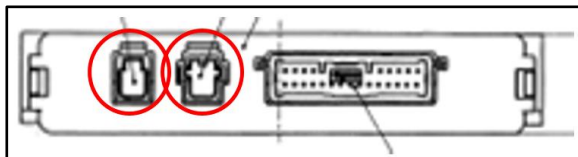
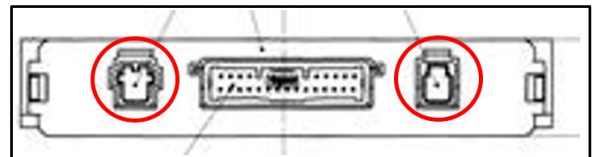


Figure 3. 2G ECU Antenna Connectors are on BOTH Sides of the ECU



Is the vehicle equipped with a 3G ECU?

- **YES** — STOP. This bulletin does NOT apply. Continue diagnosis using the applicable Accessory Diagnostic Guide on page 4.
- **NO** — Continue to Step 3.

## Remote Engine Starter (RES+) ECU Update from 2G to 3G

### Repair Procedure (Continued)

Refer to the Technical Information System (TIS), applicable model and model year Accessory Diagnostic Guide:

#### NOTE

- The procedures listed below should be followed until the RES+ ECU Preparation and Installation Procedure.
- It is NOT necessary to remove the A-Pillar.

- [2013 – 2015](#) CT 200h:  
*Accessory – Accessory Diagnostic Guide – “2011 – 2015 CT200h TVIP V9 Remote Engine Starter Plus (Res+) PT398-76151 Rev. B”*
  - [2014 – 2015](#) GX 460:  
*Accessory – Accessory Diagnostic Guide – “2014 – 2015 GX460 TVIP V9 Remote Engine Starter Plus (Res+) PT398-60151 Rev. B”*
  - [2010 – 2015](#) RX 350:  
*Accessory – Accessory Diagnostic Guide – “2010 – 2015 RX350 TVIP V9 Remote Engine Starter (RES+) PT398-48151 Rev. B”*
  - [2010 – 2015](#) RX 450h:  
*Accessory – Accessory Diagnostic Guide – “2010 – 2015 RX450h TVIP V9 Remote Engine Starter (RES+) PT398-48151 Rev. B”*
3. Replace with NEW 3G ECU and initialize.

Refer to TIS applicable model and model year Accessory Installation Guide:

#### NOTE

The procedures listed below should be followed from the Registration Preparation section **EXCLUDING** the tags and labels step.

- [2013 – 2015](#) CT 200h:  
*Accessory – Accessory Installation Guide – “2011 – 2015 CT200h TVIP V9 Remote Engine Starter Plus (Res+) PT398-76151 Rev. B”*
- [2014 – 2015](#) GX 460:  
*Accessory – Accessory Installation Guide – “2014 – 2015 GX460 TVIP V9 Remote Engine Starter Plus (Res+) PT398-60151 Rev. B”*
- [2010 – 2015](#) RX 350:  
*Accessory – Accessory Installation Guide – “2010 – 2015 RX350 TVIP V9 Remote Engine Starter (RES+) PT398-48151 Rev. B”*

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### Repair Procedure (Continued)

- [2010 – 2015](#) RX 450h:  
*Accessory – Accessory Installation Guide – “2010 – 2015 RX450h TVIP V9 Remote Engine Starter (RES+) PT398-48151 Rev. B”*
4. Confirm remote start operation with the smart phone application.