

Remote Engine Starter (RES+) CarFinder Inoperative

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 | |
| 2010 – 2015 | GX460, RX350, RX450H | |

Introduction

Some 2010 – 2015 applicable Lexus vehicles equipped with a Remote Engine Starter (RES+) includes CarFinder, a feature which utilizes GPS technology to help locate a customer's vehicle on a map. If a customer has a Carfinder that is inoperative, follow the procedure in this bulletin to address the condition.

Parts Information

| PART NUMBER | | MODEL | PART NAME | QTY |
|----------------|----------------|------------|-----------|-----|
| PREVIOUS | NEW | | | |
| PT398-00150-AA | PT398-00151-AA | RX350/450h | RES+ ECU | 1 |
| | | GX460 | | |
| | | CT200h | | |

Warranty Information

| OP CODE | DESCRIPTION | TIME | OFFP | T1 | T2 |
|---------|---|------|----------------|----|----|
| EL1506 | R & R Remote Engine Starter (RES+) ECU and Initialize | 0.5 | PT398-00150-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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Required Tools & Equipment

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

* Essential SST.

NOTE

- Do NOT use Techstream Lite.
- Software version 10.10.018 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

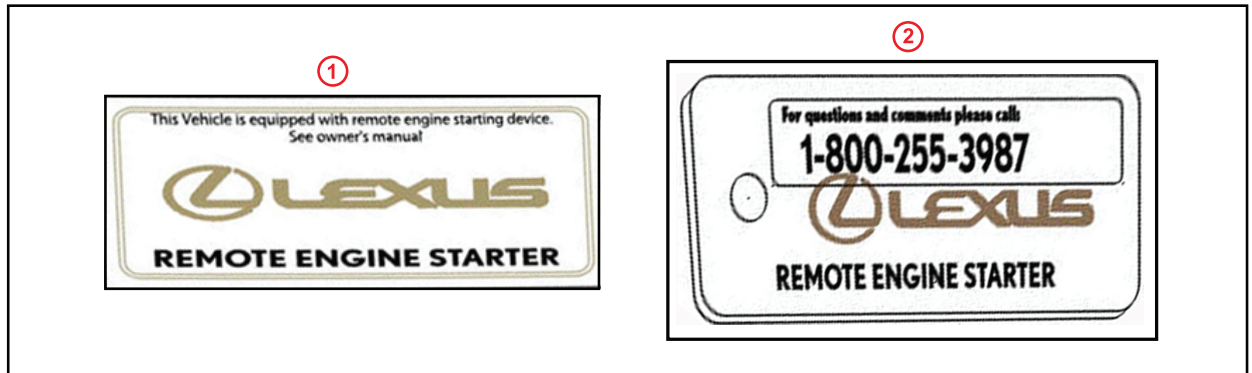
Repair Procedure

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.

Figure 1.



| | |
|---|---------------------|
| 1 | RES+ Window Sticker |
| 2 | RES+ Key Tag |

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.

2. Verify if the vehicle is equipped with a previous ECU.

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Repair Procedure (Continued)

NOTE

Part number is printed on ECU (Previous ECU P/N [PT398-00150-AA]).

Is the vehicle equipped with a previous ECU?

- **YES** — Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Accessory Diagnostic Guide.

NOTE

It is NOT necessary to remove the A-Pillar.

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.

- 2010 – 2015 RX350:
Accessory – Accessory Diagnostic Guide – [“2010 – 2015 RX350 TVIP V9 Remote Engine Starter \(RES+\) PT398-48151 Rev. B”](#)
- 2010 – 2015 RX450:
Accessory – Accessory Diagnostic Guide – [“2010 – 2015 RX450h TVIP V9 Remote Engine Starter \(RES+\) PT398-48151 Rev. B”](#)
- 2014 – 2015 GX460:
Accessory – Accessory Diagnostic Guide – [“2014 – 2015 GX460 TVIP V9 Remote Engine Starter Plus \(Res+\) PT398-60151 Rev. B”](#)
- 2011 – 2015 CT200h:
Accessory – Accessory Diagnostic Guide – [“2011 – 2015 CT200h TVIP V9 Remote Engine Starter Plus \(Res+\) PT398-76151 Rev. B”](#)

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Repair Procedure (Continued)

3. Replace with NEW ECU (Service Part) and Initialize.

Refer to TIS, applicable model and model year Accessory Diagnostic Guide:

NOTE

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

- 2010 – 2015 RX350:
Accessory – Accessory Diagnostic Guide – [“2010 – 2015 RX350 TVIP V9 Remote Engine Starter \(RES+\) PT398-48151 Rev. B”](#)
 - 2010 – 2015 RX450:
Accessory – Accessory Diagnostic Guide – [“2010 – 2015 RX450h TVIP V9 Remote Engine Starter \(RES+\) PT398-48151 Rev. B”](#)
 - 2014 – 2015 GX460:
Accessory – Accessory Diagnostic Guide – [“2014 – 2015 GX460 TVIP V9 Remote Engine Starter Plus \(Res+\) PT398-60151 Rev. B”](#)
 - 2011 – 2015 CT200h:
Accessory – Accessory Diagnostic Guide – [“2011 – 2015 CT200h TVIP V9 Remote Engine Starter Plus \(Res+\) PT398-76151 Rev. B”](#)
4. Confirm proper operation.