

[2018 Chevrolet Bolt EV](#)[Bolt EV Service Manual](#)[Campaigns](#)[Customer Satisfaction](#)

Document ID: 5133598

## #18125-01: Customer Satisfaction Program - Loss of Propulsion High Voltage Battery Without Notification - (Aug 15, 2018)

**Subject:** 18125-01 — Loss of Propulsion High Voltage Battery Without Notification



**Models:** 2017–2018 Chevrolet Bolt EV

|                                                                                                                                         |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Reference Number:</b> N172127150                                                                                                     | <b>Release Date:</b> August 2018 |
| <b>Revision:</b> 01                                                                                                                     |                                  |
| <b>Revision Description:</b> This bulletin has been revised to add a step in the service procedure. Please discard all copies of 18125. |                                  |

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| <b>Attention:</b> | <b>This program has been extended until November 30, 2020.</b> |
|-------------------|----------------------------------------------------------------|

| Make      | Model   | Model Year |      | RPO | Description |
|-----------|---------|------------|------|-----|-------------|
|           |         | From       | To   |     |             |
| Chevrolet | Bolt EV | 2017       | 2017 |     |             |
|           |         | 2018       | 2018 |     |             |

Involved vehicles are marked “open” on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Condition</b> | Certain 2017-2018 model year Bolt EV vehicles may have a condition where the software will not detect the difference in the state of charge between the cell groups of the battery and over predict the indicated battery range. The current software may not provide sufficient warning prior to a battery cell low range condition, which may result in a loss of propulsion. Only certain vehicles will experience the battery low voltage cell condition. |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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|                   |                                               |
|-------------------|-----------------------------------------------|
| <b>Correction</b> | Reprogram hybrid powertrain control module 2. |
|-------------------|-----------------------------------------------|

### Parts Information

No parts are required for this repair.

### Warranty Information

| Labor Code | Description                                               | Labor Time | Trans. Type | Net Item |
|------------|-----------------------------------------------------------|------------|-------------|----------|
| 9103690*   | Hybrid Powertrain Control Module 2 Reprogramming with SPS | 0.4        | ZFAT        | N/A      |
| 9103790**  | Module Programming Not Required                           | 0.2        | ZFAT        | N/A      |

\* To avoid warranty transaction rejections, the SPS Warranty Claim Code(s) must be entered when submitting this transaction.

\*\* SPS Warranty Claim Code is NOT required when submitting this transaction.

### Service Procedure

**Note:** Carefully read and follow the instructions below.

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. When required install a GM Authorized Programming Support Tool to maintain system voltage. Refer <https://www.gmdesolutions.com/> for further information. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.
- If the Same Calibration/Software Warning is noted on the SPS Controller screen, do NOT attempt to program the module. No further action is required. Refer to the Warranty section of the bulletin and use labor operation code 9103790, Module Programming Not Required.

1. Reprogram the Hybrid Powertrain Control Module 2. Refer to *Hybrid Powertrain Control Module 2 Programming and Setup* in SI.

2. With a scan tool, perform the Hybrid/EV Battery Pack Capacity Learn and follow the on-screen instructions.

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### 3. Record SPS Warranty Claim Code on job card for warranty transaction submission.

#### **Dealer Responsibility**

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this program must be held and inspected/repared per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

Dealers are to service all vehicles subject to this program at no charge to customers, regardless of mileage, age of vehicle, or ownership, through May 31, 2020. Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the involved vehicle listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Program follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this program enters your vehicle inventory, or is in your facility for service through May 31, 2020, you must take the steps necessary to be sure the program correction has been made before selling or releasing the vehicle.

#### **Dealer Reports**

For dealers with involved vehicles, a listing with involved vehicles has been prepared and will be provided to U.S. and Canadian dealers through the GM GlobalConnect Recall Reports, or sent directly to export dealers. The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this program is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this program.

#### **Courtesy Transportation – For USA & Canada**

Courtesy transportation is available for customers whose vehicles are involved in a product program and still within the warranty coverage period. See General Motors Service Policies and Procedures Manual, Sections 1.4 and 6.1.10, for courtesy transportation program details.

#### **Customer Notification**

USA & Canada - General Motors will notify customers of this program on their vehicle (see copy of customer letter included with this bulletin).

Export - Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

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This notice applies to your vehicle, **VIN:** \_\_\_\_\_

Dear General Motors Customer:

We have learned that your 2017-2018 model year Chevrolet Bolt EV vehicles may have a condition where the software will not detect the difference in the state of charge between the cell groups of the battery and over predict the indicated battery range. The current software may not provide sufficient warning prior to a battery cell low range condition, which may result in a loss of propulsion. Only certain vehicles will experience the battery low voltage cell condition.

Your satisfaction with your Chevrolet Bolt EV is very important to us, so we are announcing a program to provide additional warning if this battery low voltage cell condition occurs.

**What We Will Do:** Your GM dealer will reprogram the hybrid powertrain control module 2. This service will be performed for you at **no charge until May 31, 2020**. After that, any applicable warranty will apply.

**What You Should Do:** To limit any possible inconvenience, we recommend that you contact your dealer as soon as possible to schedule an appointment for this repair.

If you have any questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below.

| Division              | Number         | Text Telephones (TTY) |
|-----------------------|----------------|-----------------------|
| Chevrolet             | 1-800-630-2438 | 1-800-833-2438        |
| Puerto Rico – English | 1-800-496-9992 |                       |
| Puerto Rico – Español | 1-800-496-9993 |                       |
| Virgin Islands        | 1-800-496-9994 |                       |

We sincerely regret any inconvenience or concern that this situation may cause you. We want you to know that we will do our best, throughout your ownership experience, to ensure that your Chevrolet Bolt EV provides you many miles of enjoyable driving.

Terry M. Inch

Executive Director

Global Connected Customer Experience

GM Recall: 18125

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some

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how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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CERTIFICATION

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[https://gsitc.ext.gm.com/gsi/showDoc.do?pubName=Bolt EV Service Manual 1 1397489&pubSubSectionName=&svclInfoTypeQualSyskey=94&pubSectionName=Campaigns&bullTypeKey=3&language=...](https://gsitc.ext.gm.com/gsi/showDoc.do?pubName=Bolt+EV+Service+Manual+1+1397489&pubSubSectionName=&svclInfoTypeQualSyskey=94&pubSectionName=Campaigns&bullTypeKey=3&language=...) 5/5