



Service Bulletin

PRELIMINARY INFORMATION

Subject: EV Range Estimation Changes More Than 5 Miles After The Vehicle Sits For More Than 2 Hours Under Nominal Driving Conditions

Models: 2013 Chevrolet Volt
2013 Opel Ampera

This PI was superseded to update Recommendation/Instructions. Please discard PIC6138.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customer who have recently had the HPCM2 programmed (between the dates of Feb 1 2015 through Oct 12, 2015) for a service repair may experience an erratic battery state of charge estimation, which will also result in erratic EV range prediction (e.g. losing EV range after the vehicle has been parked for more than 2 hours).

This may be due to the software content released by engineering that was incorrect, leading to incorrect content being made available to dealers.

Note: This condition is linked to a recent HPCM2 calibration event, prior to the occurrence of this complaint. This only applies to vehicles that this concern can be reproduced and is repeatable.

Recommendation/Instructions

If the customer is experiencing this concern and the vehicle has had the K114B Hybrid Powertrain Control Module (HPCM2) programmed between the dates of Feb 1 2015 through Oct 12, 2015, update the K114B HPCM2 with the latest calibration available currently in TIS-2-Web.

Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description | Labor Time |
|-----------------|---|------------------------------------|
| 2810265 | Hybrid Powertrain Control Module 2 Reprogramming with SPS | Use Published Labor Operation Time |

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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 vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-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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