

Part 573 Safety Recall Report**15V-145****Manufacturer Name :** General Motors LLC**Submission Date :** MAR 11,2015**NHTSA Recall No. :** 15V-145**Manufacturer Recall No. :** 14617**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE

MAIL CODE 480-210-2V WARREN MI 48090

Company phone : 999

Population :

Number of potentially involved : 50,236

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2011-2011 Chevrolet Volt

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2011 Chevrolet Volt vehicles

Production Dates : AUG 25, 2010 - MAY 31, 2011

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2012 Chevrolet Volt

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2012 Chevrolet Volt vehicles

Production Dates : APR 12, 2011 - JUN 06, 2012

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2013-2013 Chevrolet Volt

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 Chevrolet Volt vehicles

Production Dates : MAY 01, 2012 - JUN 26, 2013

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in all 2011-2013 Volt vehicles. If a driver exits his/her vehicle and inadvertently leaves the vehicle "on" (because the driver fails to react to the cues and warning chimes emitted by the vehicle to alert the driver that the vehicle has not been turned off), after a period of time, the vehicle's battery will drain and the vehicle's gas engine will begin to run.

Description of the Safety Risk : If the gas engine runs for long periods of time within an enclosed space, such as a garage, carbon monoxide could build up in the enclosed space and potentially cause injury.

Description of the Cause : The 2011-2013 MY Volt vehicles were not equipped with software that automatically shuts off a vehicle after a predetermined amount of time. This software was deployed starting with the 2014 MY Volt vehicles and beyond.

Identification of Any Warning that can Occur : When exiting a parked vehicle if the customer leaves the vehicle in the run state there are audible warning sounds/chimes emitted by the vehicle.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

FOREIGN STATES

Country : NR

Chronology :

On August 31, 2014, GM received a customer complaint describing the buildup of carbon monoxide after a 2013 Chevrolet Volt was found running in the customer's enclosed garage.

GM opened a formal investigation on September 9, 2014, and on or about that time began testing Volt vehicles to examine the reported condition. It was determined that the 2014 model year and beyond Volts contain software that automatically shuts down the vehicle after being left idle in a run state for a specific amount of time. Testing continued through October 13, 2014, and intermediate review of results was performed throughout the testing phase.

On October 14, 2014, GM's Safety and Field Action Decision Authority (SFADA) concluded that, because the investigation revealed customer error in leaving the vehicle in a run state was the primary factor contributing to the condition, and considering the warnings provided to the driver that the vehicle was left running and the low number of complaints relating to this issue, the appropriate remedy would be a customer satisfaction program to update the vehicle software to power down the vehicle if the vehicle was left running for an extended period of time.

On March 5, 2015, upon further discussion with NHTSA, and in an abundance of caution given that the lack of engine noise in the Volt when running in electric propulsion mode might make it more likely for a consumer to inadvertently leave the vehicle in a run state upon exiting the vehicle, SFADA revisited its earlier decision and determined that the condition presented a defect relating to motor vehicle safety.

Description of Remedy :

Description of Remedy Program : The vehicle's software will be updated to limit the time that an idle vehicle can be left in the ON position.

Pursuant to 577.11, GM does not plan to provide notice about reimbursement to owners because owners would not be aware of the situation to have had it repaired prior to the recall.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Updated software that limits the time a vehicle can be left in the ON position without movement of vehicle was implemented at the start of production for the 2014 model year and beyond.

Recall Schedule :

Description of Recall Schedule : General Motors sent a stop delivery notice on March 11, 2015. General Motors will provide the dealer bulletin and owner letter mail dates when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported