

Part 573 Safety Recall Report**15V-442****Manufacturer Name :** General Motors LLC**Submission Date :** JUL 06,2015**NHTSA Recall No. :** 15V-442**Manufacturer Recall No. :** 15386**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 : 10

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2014 Chevrolet Cruze

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 2014 Chevrolet Cruze

Production Dates : NOV 08, 2013 - SEP 11, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Chevrolet Cruze

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 2015 Chevrolet Cruze

Production Dates : SEP 23, 2014 - MAR 12, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Chevrolet Volt

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 2014 Chevrolet Volt

Production Dates : APR 11, 2014 - APR 11, 2014

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 2014-2015 model year Chevrolet Cruze and 2014 Chevrolet Volt vehicles. The inner tie rod's attachment to the steering gear in these vehicles may not be tightened to specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : With this condition, the tie rod can separate from the steering gear without warning, which could result in the loss of steering, increasing the risk of a crash.

Description of the Cause : An error occurred in the steering gear supplier's inner tie rod assembly machine that allowed the inner tie rod to be released from the assembly line with a lower than specified torque.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Robert Bosch Automotive Steering, LLC

Address : 15 Spiral Drive

Florence KENTUCKY 41042

Country : United States

Chronology :

On April 28, 2015, GM received notification from the steering supplier that there was an issue with the inner tie rod assembly machine. On May 1, 2015, GM opened a safety investigation into the 2014-2015 model year Chevrolet Cruze and 2014 Chevrolet Volt vehicles. In its investigation, the supplier was able to identify how the defective steering gear had improperly passed through the assembly process. The supplier was also able to use torque and angle information stored as part of the production process to identify additional steering assemblies that may have been subject to the same error and therefore potentially contain the same defect. Those assemblies were then tracked by GM back to the individual vehicles produced by GM through vehicle identification numbers. During the investigation, GM analyzed VOQs, TREAD data, warranty data, and other field data, which concluded that the inner tie rod assembly error was isolated to the population the supplier identified. On June 26, 2015, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will replace the entire steering gear assembly. Pursuant to 577.11, General Motors does not plan to provide notice about reimbursement to

owners because all involved vehicles are covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : The replacement steering gear has an assembly with the correct torque.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : General Motors will provide the dealer bulletin and owner letter notification dates when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported