

Part 573 Safety Recall Report**14V-570****Manufacturer Name :** General Motors LLC**Submission Date :** SEP 17,2014**NHTSA Recall No. :** 14V-570**Manufacturer Recall No. :** 14594**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 : 89

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2015 Chevrolet Corvette

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : 2015 Chevrolet Corvette

Production Dates : AUG 20, 2014 - AUG 27, 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 certain 2015 model year Chevrolet Corvette vehicles. The Driver Airbag back plate molding process parameters were changed, specifically the barrel temperature, which increased the viscosity of the material. This resulted in a back plate with less weight and ultimately lower strength. If one of these vehicles is involved in a crash in which the driver air bag deploys, the module back plate may fracture. This fracture may allow the driver airbag's retention wire to pull through the housing, which can result in the driver air bag separating from the steering wheel.

Description of the Safety Risk : If the driver air bag separates from the steering wheel, the driver air bag may provide reduced restraint and increase the potential for occupant injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Empire Electronics, Inc.

Address : 214 East Maple
Troy MI 48083

Country : NR

Chronology :

On August 19, 2014, the supplier of the C7 Corvette's driver side airbag (DAB) module discovered that the plastic reaction plate in the DAB module fractured during high temperature lot acceptance tests. The section of the reaction plate that fractured holds the DAB's retention wire and ensures that the DAB stays connected to the steering wheel when the DAB deploys. In the first fracture discovered on August 19, the DAB did not separate from the steering wheel. However, in seven subsequent tests of different DAB modules from the same lot, two of the seven DAB module reaction plates fractured in a similar fashion, and one of the two that fractured also separated from the steering wheel.

On August 27, 2014, GM initiated a safety investigation. GM discovered that on June 11, 2014, the supplier of the suspect reaction plates began manufacturing the plates with increased processing temperatures that GM did not approve. The increased processing temperatures weakened the strength of the reaction plates and lead to the fractures.

On September 11, 2014, the Safety and Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers are to replace the driver air bag.

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 : NR

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 mail dates when available. General Motors sent a stop delivery message to dealers on September 11, 2014, and a revised stop delivery message on September 16, 2014.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported