

**Part 573 Safety Recall Report****16V-125****Manufacturer Name :** General Motors LLC**Submission Date :** MAR 01, 2016**NHTSA Recall No. :** 16V-125**Manufacturer Recall No. :** 28030**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE

MAIL CODE 480-210-2V WARREN MI 48090

Company phone : 5961733

**Population :**

Number of potentially involved : 1,579

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2016-2016 Chevrolet Colorado

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 Chevrolet Colorado vehicles

Production Dates : JAN 19, 2016 - FEB 02, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 GMC Canyon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 GMC Canyon vehicles.

Production Dates : JAN 21, 2016 - FEB 04, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 Chevrolet Malibu vehicles

Production Dates : JAN 09, 2016 - JAN 26, 2016

**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 2016 model year Chevrolet Colorado, Chevrolet Malibu, and GMC Canyon vehicles. In these vehicles, the second stage of the driver frontal airbag may not deploy properly in certain high-speed crashes.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle is involved in a high-speed crash that triggers the second-stage deployment of the driver frontal airbag, the second stage of the inflator may not fill the airbag as completely and as quickly as designed, which could lead to an increased risk of injury to the driver.

Description of the Cause : A secondary chemical enhancer required for the proper deployment of second-stage frontal airbags was not loaded during the airbag inflator build at the supplier.

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Key Safety Systems

Address : 5300 Allen K. Breed Hwy  
Lakeland 33811

Country : NR

**Chronology :**

On January 11, 2016, GM received a report from Key Safety Systems ("KSS"), the driver frontal airbag supplier for the suspect vehicles, that a driver airbag did not meet the airbag fill-time requirements during a cold temperature (-30 degrees C.) lot acceptance test.

On January 13, 2016, a GM design engineer reported the airbag failure as a potential safety issue through GM's Speak Up For Safety Program. GM opened a safety investigation on January 20, 2016. On January 26, 2016, KSS determined that the airbag failure during the cold temperature test on January 11 was caused by a misbuilt second-stage airbag inflator. Specifically, the second-stage inflator was built without the secondary chemical enhancer.

On February 8, 2016, KSS confirmed the suspect population by analyzing additional airbags outside the original failed inflator lot, which resulted in the discovery of one additional potentially-misbuilt second-stage inflator. The inflator lot containing this suspect inflator was then added to the suspect population. On February 22, 2016, computer simulations were completed confirming that if this condition exists in similar inflators it could degrade second-stage driver frontal airbag performance.

On February 23, 2016, GM's Safety and Field Action Decision Authority decided to issue a safety recall.

**Description of Remedy :**

Description of Remedy Program : Dealers will replace the driver frontal airbag module. Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty so reimbursement is not offered.

How Remedy Component Differs from Recalled Component : Replacement airbag modules have inflators produced outside of the suspect lots.  
Recalled Component Name: ADI-D  
Recalled Component Description: Driver Airbag Inflator Assembly  
Recalled Component Part Number: 2003386-2 / 1036368-1

Identify How/When Recall Condition was Corrected in Production : The supplier corrected and improved their error proofing process. Vehicles built after the respective breakpoints have driver frontal airbags produced after implementation of the supplier corrections.

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified on March 1, 2016. General Motors will provide the owner letter mail dates when available.

Planned Dealer Notification Date : MAR 01, 2016 - MAR 01, 2016

Planned Owner Notification Date : NR - NR

\* NR - Not Reported