

Part 573 Safety Recall Report**16V-151****Manufacturer Name :** General Motors LLC**Submission Date :** MAR 11, 2016**NHTSA Recall No. :** 16V-151**Manufacturer Recall No. :** 31820**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 : 3,137

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2016-2016 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 Chevrolet Malibu vehicle

Production Dates : FEB 16, 2016 - MAR 05, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : General Motors has decided that certain 2016 model year Chevrolet Malibu vehicles have side airbag modules that may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 214, "Side Impact Protection." The two weld studs that mount the front and rear side impact airbag ("SIAB") inflators to the seat frame may fracture and separate during airbag deployment.

FMVSS 1 : 214 - Side impact protection

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle is in a crash necessitating side airbag deployment, and both weld studs fracture, the inflated cushion may not remain in its intended position and may separate from the seat, increasing the risk of injury to occupants.

Description of the Cause : The root cause is still under investigation but is believed to be insufficient weld bonding between the studs and the inflator housing.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : TK Holdings Inc. (Takata)

Address : 2500 Takata Dr
Auburn Hills MICHIGAN 48326

Country : United States

Chronology :

On February 4, 2016, Takata, the side airbag module supplier, reported two cases of stud weld fracture at the inflator module that occurred during lot acceptance testing (LAT) at -30C. The inflators were produced (and the studs were welded) by ARC Automotive and shipped to Takata, who assembled the side airbag module and provided the side airbag module assembly to JCI, the seat assembler. The first LAT failure occurred on a left front module on February 3, 2016; the second occurred on a front right module on February 4, 2016. A Speak Up For Safety report was submitted on February 4, 2016. GM opened an investigation on February 15, 2016. Between February 22 and 23, 2016, two additional inflators with fractured weld studs were identified during seat assembly at JCI. On March 2, 2016, the issue was reviewed by GM's Safety and Field Action Decision Authority (SFADA), who recommended that torque/angle studies on the suspect weld studs be completed. On March 4, 2016, SFADA reviewed results of the studies and decided to issue a non-compliance recall. On March 8, GM learned that an additional LAT failure occurred at Takata on March 3, and the population was adjusted to include potentially impacted vehicles.

Description of Remedy :

Description of Remedy Program : Dealers will replace the affected side airbag modules, which may include any combination of left, right, front, and/or rear side airbag modules. 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 modules were produced after additional lot acceptance testing and process check criteria were implemented at the supplier on February 6, 2016.

Recalled Component Name: Front row side airbag module outboard seatback; Second row side airbag module

Recalled Component Description: Side Impact Airbags

Recalled Component Part Number: Front SIAB L/R 23409301/23409302; Rear SIAB L/R 23410365/23410366

Component Country of Origin: Mexico

Identify How/When Recall Condition was Corrected in Production : Vehicles built after March 5, 2016 are manufactured with side airbag modules produced after additional lot acceptance testing and process check criteria were implemented at the supplier.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on March 11, 2016. General Motors will provide the owner letter mail dates when available.

Planned Dealer Notification Date : MAR 11, 2016 - MAR 11, 2016

Planned Owner Notification Date : NR - NR

* NR - Not Reported