

Part 573 Safety Recall Report

16V-870

Manufacturer Name : General Motors LLC**Submission Date :** NOV 28, 2016**NHTSA Recall No. :** 16V-870**Manufacturer Recall No. :** 16146**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 : 113

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2017 Chevrolet Malibu vehicles.

Production Dates : NOV 10, 2016 - NOV 10, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2017 Chevrolet Malibu vehicles. The right-hand rear side airbag (RSIAB) in these vehicles may have a weak weld on the inflator manifold. In the event of an RSIAB deployment in a right-side impact, this defect can cause inflator components to separate, propelling debris or hot gas into the interior compartment. It is also possible that the airbag may inflate only partially, or not at all, in the event of a right side impact crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the airbag components separate and are propelled into the interior compartment during deployment in a crash, or the airbag does not inflate, there may be an increased risk of injury to the occupants.

Description of the Cause : ARC Automotive, the supplier of the inflator incorporated by Takata into the RSIAB module, performed an incorrect off seam inboard weld on the inflator manifold. The off seam weld caused the inflator to rupture at the manifold.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : ARC Automotive
Address : 1357 Veterans Hwy
Morgantown KENTUCKY 42261
Country : United States

Chronology :

On November 13, 2016, RSIAB module supplier Takata reported to GM that, during lot acceptance testing ("LAT") of an assembled airbag module at 85C, the inflator ruptured. a GM employee submitted a Speak Up For Safety report that same day. GM opened an investigation on November 14, 2016 and immediately initiated actions to trace inflators from the same lot as the failed inflator to potentially impacted plants and vehicles. On November 16, 2016, testing of the failed inflator by ARC, the supplier of the inflator to Takata, identified that the failed inflator had ruptured at its manifold as the result of an incorrect off seam inboard weld but that weld inspection, hydro burst testing and deployment testing indicated that other inflators from the same lot performed normally. On November 18, 2016, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall on the entire suspect lot.

Description of Remedy :

Description of Remedy Program :	Dealers are to replace the affected side airbag module(s). 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 side airbag modules are manufactured with inflators outside of the suspect lot. Recalled Component Name: Right RSIAB Recalled Component Description: Right Hand Rear Side Airbag Recalled Component Part Number: 84162506 Recalled Component Country of Origin: Mexico
Identify How/When Recall Condition was Corrected in Production :	Containment of all airbag modules manufactured with inflators from the suspect lot was completed on November 16, 2016.

Recall Schedule :

Description of Recall Schedule :	General Motors will provide owner letter notification dates when available.
Planned Dealer Notification Date :	NOV 28, 2016 - NOV 28, 2016
Planned Owner Notification Date :	NR - NR

* NR - Not Reported