

**Part 573 Safety Recall Report****15V-164****Manufacturer Name :** General Motors LLC**Submission Date :** MAR 18,2015**NHTSA Recall No. :** 15V-164**Manufacturer Recall No. :** 15176**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 : 87,063

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2013-2013 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 Chevrolet Malibu vehicles

Production Dates : OCT 24, 2011 - AUG 28, 2013

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2014 Chevrolet Malibu vehicles

Production Dates : JUN 12, 2013 - MAY 30, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Chevrolet Malibu

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 Chevrolet Malibu vehicles

Production Dates : MAR 12, 2014 - MAR 05, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : General Motors has decided that certain 2013 – 2015 model year Chevrolet Malibu vehicles equipped with power-operated roof panel systems fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) No. 118, "Power-Operated Window, Partition, and Roof Panel Systems." The roof panels in these vehicles will auto-close when the non-recessed portion of the "Slide" or "Tilt" switches are pressed and the roof panel is open. Because these switches are not fully recessed, they can be actuated when performing the test procedure set forth in S6(a) of FMVSS No. 118, which results in the roof panel auto-closing when open.

Description of the Safety Risk : Because the switch fails the test procedure set forth in S6(a) of FMVSS No. 118, the switch may be more susceptible to an inadvertent actuation, which could result in unintended auto-closure of the roof panel, increasing the risk of injury. The roof panel does have an auto-reverse feature intended to prevent injury from unintended closure, but this feature may not protect against all injuries in every circumstance.

Description of the Cause : This design uses two user switches with "one touch" features. The switches are not sufficiently recessed to prevent activation from a 20 mm radius sphere for certain sunroof operation cycles.

Identification of Any Warning that can Occur : NR

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

Name : Inteva Products

Address : 1401 Crooks Road

Troy MICHIGAN 48084

Country : United States

**Chronology :**

During testing conducted on February 16, 2015, an engineer GM's Milford Proving Ground facility discovered that the power-operated roof panel system in a 2015 model year Chevrolet Malibu automatically closed from the open position when the non-recessed portion of the "Slide" or "Tilt" switches were subjected to the test procedure set forth in FMVSS No. 118, S6(a). GM opened a formal investigation into the issue on February 25, 2015.

It was determined that the "Slide" and "Tilt" switches are not fully recessed and contained a one-touch operation feature which results in the roof panel auto-closing upon actuation. 2013 and 2014 model year Malibu vehicles were tested on February 26, 2015, and the roof panel switches in those vehicles presented similar results when tested with the procedure set forth in FVVSS No. 118, S6(a).

On March 11, 2015, GM's Safety and Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall.

**Description of Remedy :**

Description of Remedy Program : Dealers will reflash the Body Control Module (BCM). The revised software will remove the "one-touch" (momentary actuation) feature for certain switch positions. Pursuant to 577.11, GM does not plan to provide notice about reimbursement to owners because owners would not be aware of the situation to have had it repaired prior to the recall.

How Remedy Component Differs from Recalled Component : The revised software will remove the "one-touch" (momentary actuation) feature for certain switch positions.

Identify How/When Recall Condition was Corrected in Production : The sunroof supplier, Inteva, provided revised calibrations to eliminate this function on February 20, 2015.

**Recall Schedule :**

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

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported