

Part 573 Safety Recall Report**15V-463****Manufacturer Name :** General Motors LLC**Submission Date :** AUG 20,2015**NHTSA Recall No. :** 15V-463**Manufacturer Recall No. :** 15568**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 : 63,665

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2013-2013 Cadillac ATS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 Cadillac ATS

Production Dates : APR 25, 2012 - JUN 07, 2013

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Cadillac ATS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2014 Cadillac ATS

Production Dates : APR 15, 2013 - JUN 20, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Cadillac ATS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 Cadillac ATS

Production Dates : MAY 01, 2014 - JUN 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Cadillac ATS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 Cadillac ATS

Production Dates : FEB 23, 2015 - JUN 25, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : This notice relates to General Motors' prior noncompliance recall number 15119. General Motors has decided that certain 2013 – 2016 model year Cadillac ATS 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." As GM stated in its 573 report relating to recall number 15119, 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.

The revised overhead roof console accessory switch trim plate used to repair vehicles under recall 15119 provides insufficient structural support to remedy the noncompliance. Vehicles previously repaired under recall 15119 will need new replacement switch trim plates as part of this recall.

FMVSS 1 : 118 - Power-operated window systems

FMVSS 2 : NR

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 : Johnson Controls, Inc.

Address : 915 East 32nd Street

Holland MICHIGAN 49423

Country : United States

Chronology :

A test conducted on January 30, 2015, demonstrated that the power-operated roof panel system in a pre-production 2016 model year Cadillac ATS vehicle would 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.

Because the same switches were used in prior model year Cadillac ATS vehicles, GM opened an investigation into this issue on February 6, 2015. The 2013-2015 model year Cadillac ATS vehicles were tested for compliance with FMVSS no. 118 and failed the test procedure set forth in S6(a) of FMVSS No. 118. The investigation determined that previous testing did not sufficiently consider every possible sunroof operation cycle presented by the two-switch configuration.

On February 11, 2015, GM's Safety and Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall which was reported as GM noncompliance recall 15119 (15V106)

On May 26, 2015, during routine testing it was found that the tested parts being used for recall 15119 (15V106) did not meet the 135 newton force requirement from all angles of application. GM then began a new investigation to determine why these parts were failing to meet the test requirements when tested for certain angles of force application and to determine whether or not this issue was more prevalent than in just certain of the tested parts.

On July 13, 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 replace the roof console accessory switch trim plate.

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 replacement switch trim plate recesses the sunroof control switches deeper into the panel.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : General Motors sent a stop delivery notice on July 14, 2015. 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