

Part 573 Safety Recall Report**15V-465****Manufacturer Name :** General Motors LLC**Submission Date :** JUL 21,2015**NHTSA Recall No. :** 15V-465**Manufacturer Recall No. :** 15400**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 : 5,493

Estimated percentage with defect : 5

Vehicle Information :

Vehicle : 2014-2014 Chevrolet Impala

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2014 Chevrolet Impala vehicles with front vented-heated passenger seat

Production Dates : APR 15, 2013 - MAY 30, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Chevrolet Impala

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 Chevrolet Impala vehicles with front vented-heated passenger seat

Production Dates : JUN 01, 2014 - JUN 19, 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 2014-2015 model year Chevrolet Impala vehicles with front vented-heated passenger seats may fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 208 S.19.2, "Occupant Crash Protection." The Automatic Occupant Sensing (AOS) system in these vehicles may contain a

calibration-learning error that will cause the AOS system to fail to suppress the front passenger airbag when an infant seat is placed in the front passenger seat.

FMVSS 1 :208 - Occupant crash protection

FMVSS 2 :NR

Description of the Safety Risk : If the vehicle is involved in a crash that causes the front-passenger airbag to deploy and an infant is in the front-passenger seat, the airbag deployment may injure the child.

Description of the Cause : The seat-assembly plant's calibration process for the front vented-heated seats did not effectively account for humidity and build-material variation, which caused a calibration-learning error in certain vented-heated seats.

Identification of Any Warning that can Occur : The front-passenger airbag status light will indicate that the airbag is "on" when the passenger seat is not occupied or is occupied by an infant. Additionally, the front-passenger seat's safety-belt warning light and chime may turn on when the passenger seat is not occupied and the seatbelt is not buckled.

Supplier Identification :

Component Manufacturer

Name : See attached

Address : NR

NR

Country : NR

Chronology :

See Attached

Description of Remedy :

Description of Remedy Program : Dealers will correct the calibration-learning error by preconditioning the empty seat and resetting the seat zero-value in the ECU. Pursuant to 577.11, General Motors does not plan to provide notice about reimbursement to owners because all involved vehicles are covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : On July 10, 2015, Delphi completed humidity-variation testing with the existing humidity compensation calibration. Delphi determined that the existing humidity compensation calibration works when the seat humidity content is stabilized and the zero calibration is set.

Identify How/When Recall Condition was Corrected in Production : On April 1, 2015, suspect seats were contained at GM's seat suppliers. On June 9 and 10, 2015, the suspect seats were identified at seat and vehicle assembly

plants and the vehicles were corrected at the plant.

Recall Schedule :

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

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported