Part 573 Safety Recall Report

15V-830

Manufacturer Name : General Motors LLC
Submission Date : DEC 09, 2015
NHTSA Recall No. : 15V-830
Manufacturer Recall No. : 15794

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 : 90
  Estimated percentage with defect : 100

Vehicle Information :

  Vehicle : 2016-2016 Chevrolet Siliverado
  Vehicle Type :
  Body Style :
  Power Train : NR
  Descriptive Information : Certain 2016 Chevrolet Silverado vehicles
  Production Dates : OCT 13, 2015 - OCT 14, 2015

  VIN (Vehicle Identification Number) Range

  Begin : NR   End : NR   ☐ Not sequential VINs

  Vehicle : 2016-2016 GMC Sierra
  Vehicle Type :
  Body Style :
  Power Train : NR
  Descriptive Information : Certain 2016 GMC Sierra vehicles
  Production Dates : OCT 13, 2015 - OCT 14, 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 a defect which relates to motor vehicle safety
                exists in certain 2016 model year Chevrolet Silverado and GMC Sierra vehicles. On
                some of these vehicles, a mounting stud used to secure the airbag sensing and
                diagnostic module (SDM) to the vehicle may have been incorrectly positioned
                during the assembly process. This may stress the SDM housing at the mounting

location, potentially causing a fracture in the housing. The fracture could allow water to enter the SDM or subject the SDM to excessive vibration, which may cause the SDM to malfunction.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the SDM does not perform as intended, it may increase the risk of occupant injury in a crash.

Description of the Cause : One of the mounting studs used to secure the SDM to the vehicle was positioned incorrectly.

Identification of Any Warning that can Occur : [intentionally left blank]

Supplier Identification :

Component Manufacturer

Name : [intentionally left blank]

Address : NR

NR

Country : NR

Chronology :

On October 13, 2015, operators at GM's Fort Wayne, IN assembly plant discovered an SDM with a fracture in the housing where the SDM is mounted to the vehicle. The plant determined that the issue was caused by an error in the assembly process under which one of the mounting studs was incorrectly located on the vehicle frame. The plant corrected the assembly process and issued a Global Emerging Issue Report on October 14, 2015. On October 20, 2015, GM assigned an investigator to the issue. At this time, some affected vehicles were in transit, but none had been delivered to dealers. On October 24, 2015, the plant implemented a repair procedure that placed washers under the SDM mounts to relieve mechanical loading. On October 25, 2015, a plant evaluation determined the initial remedy was inadequate. A new repair procedure was developed requiring relocation of the mounting stud, which was released on November 1, 2015. GM determined that some affected vehicles that had not received the updated repair procedure had been delivered to dealers and customers. Accordingly, on December 2, 2015, GM's Safety and Field Action Decision Authority decided to issue a safety recall with respect to affected vehicles in the field.

Description of Remedy :

Description of Remedy Program : Dealers will ship affected vehicles to a third-party repair facility, which will relocate the mounting stud and replace the SDM.
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 : [intentionally left blank]

Identify How/When Recall Condition was Corrected in Production : Vehicles built after October 14, 2015, have the correct spacing of the mounting studs.

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

Planned Dealer Notification Date : DEC 09, 2015 - DEC 09, 2015

Planned Owner Notification Date : NR   - NR

* NR - Not Reported