

Part 573 Safety Recall Report

18V-899

Manufacturer Name : General Motors LLC**Submission Date :** APR 09, 2019**NHTSA Recall No. :** 18V-899**Manufacturer Recall No. :** N182204040**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 29427 Louis Chevrolet Road
MAIL CODE 480-210-2V WARREN MI
48093

Company phone : 586-596-1733

Population :

Number of potentially involved : 175

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Cadillac XTS

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The VINs of affected vehicles were identified using the supplier's serial numbers of affected parts and manufacturing data.

Production Dates : NOV 19, 2018 - DEC 05, 2018

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 2019 Cadillac XTS vehicles. The front seat belt buckles may be missing a rivet that secures the buckle head to the cable mounting strap.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the securing rivet is missing, the buckle may separate from the cable mounting strap when force is exerted on the seat belt. A buckle separation during a crash could increase the risk of injury to the occupant.

Description of the Cause : The supplier of the part bypassed certain quality control procedures, which resulted in some front seat buckle assemblies being produced without the securing rivet.

Identification of Any Warning that can Occur : If this condition is present, the seat belt buckle can be pulled apart if the latch plate is inserted into the buckle and the occupant pulls up on the latch plate or belt webbing with sufficient force.

Supplier Identification :

Component Manufacturer

Name : Wooshin Safety Systems

Address : 295, Toseongro, Hyangnam-eup
Hwaseong-si, Gyeonggi-do FOREIGN STATES 445924

Country : Korea, Republic of

Chronology :

On November 26, 2018, while inspecting a 2019 Model Year XTS vehicle for an unrelated repair, an operator at GM's Oshawa manufacturing plant discovered that a front seat buckle on the vehicle could pull loose from its cable mounting strap and decorative sleeve due to the absence of a securing rivet. On November 28, a GM Assembly Quality Engineering Manager created a Speak Up for Safety report to document the discovery and condition.

On November 29, an inspection of suspect parts and VINs at seat supplier Lear and at GM's Oshawa plant began, and on November 30, buckle supplier Wooshin Safety Systems conducted an inspection of its unshipped parts.

On December 4, GM opened a product investigation for this issue. The investigation determined that Wooshin's automated system used to verify the presence of a formed rivet in the buckle was inadvertently bypassed when a test engineer failed to return the system to "RUN" mode after testing on August 31, 2018. The first production day following testing at Wooshin was September 3. The rivet verification system was not placed back into "RUN" mode at the supplier until December 2, 2018, although Wooshin did implement visual verification of the rivet's presence beginning November 27, 2018, as part of its containment effort. After identifying production dates and accounting for finished parts and work in process inventory at GM's suppliers and in GM's assembly plant, the investigation identified 175 vehicles in the field that were built with suspect buckle assemblies.

The investigation was reviewed in GM's Global Open Investigation Review (GOIR) on December 12, 2018. On December 13, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall for the remaining 175 vehicles.

Description of Remedy :

Description of Remedy Program : Dealers will inspect the driver and front passenger seat buckle assemblies and will replace the assembly if the rivet is not included. 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 : The front seat buckle assemblies will include the rivet that secures the buckle head to the cable mounting strap.
Recalled Component Name: Buckle ASM-F/Seat Belt

Recalled Component Description: Front Seat buckle assembly
Recalled Component Part Number: 84405755, 84405761, 84405756,
84405762
Recalled Component Country of Origin: Korea

Identify How/When Recall Condition was Corrected in Production : Vehicles produced after 12/05/2018 have front seat buckle assemblies that contain the securing rivet.

Recall Schedule :

Description of Recall Schedule : Dealers were notified on Dec. 17, 2018. Owner notification is planned for Feb. 8, 2019.
Planned Dealer Notification Date : DEC 20, 2018 - DEC 20, 2018
Planned Owner Notification Date : FEB 08, 2019 - FEB 08, 2019

* NR - Not Reported