

Part 573 Safety Recall Report

18V-291

Manufacturer Name : General Motors LLC**Submission Date :** MAY 29, 2018**NHTSA Recall No. :** 18V-291**Manufacturer Recall No. :** 18156**Manufacturer Information :**

Manufacturer Name : General Motors LLC

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

Company phone : 5961733

Population :

Number of potentially involved : 23,004

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2015-2016 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The population was determined by using manufacturing and part-replacement claim records to identify the vehicles with the defect condition. 2017 model-year vehicles use more robust pretensioner cables and side shields.

Production Dates : APR 28, 2015 - JUN 06, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2015-2016 Chevrolet Tahoe

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The population was determined by using manufacturing and part-replacement claim records to identify the vehicles with the defect condition. 2017 model-year vehicles use more robust pretensioner cables and side shields.

Production Dates : MAR 01, 2014 - JUN 06, 2016

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 2015 – 2016 Chevrolet Silverado and Tahoe Police and special-service vehicles. In rare circumstances based on usage, the flexible steel cable that connects the driver's seat belt to the outboard side of the seat (the "pretensioner cable") can fatigue and may separate over time as a result of occupant movement into the driver's seat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a pretensioner cable were to break, it would reduce the effectiveness of the vehicle's seat belts and increase the risk of injury to the driver in a crash.

Description of the Cause : Depending on how a driver enters the vehicle, the driver can move the seat-belt pretensioner cable into a position forward of the seat back bolster, which allows the driver to sit on top of the pretensioner and cable guide in a sliding motion while entering the vehicle. In certain seat positions, this action can bend the cable at a severe angle over the seat side-shield. Over an extended period of time, bending the cable at a severe angle over the seat side-shield may cause the cable to fatigue and separate.

Identification of Any Warning that can Occur : Wear on the cable sleeve will indicate a potentially-fatigued pretensioner cable.

Supplier Identification :**Component Manufacturer**

Name : ZF

Address : 12001 Tech Center Drive
Livonia MICHIGAN 48150

Country : United States

Chronology :

Following a GM safety recall on April 11, 2016 for fatiguing pretensioner cables on certain MY 14-15 light-duty trucks, GM began to monitor warranty data for later-built MY 15-16 light-duty trucks and SUVs with a more robust seat-belt retractor spring. Over an 18-month monitoring period—between April 2016 and October 2017—GM's Directed Monitor Review Board met four times to review updated pretensioner-cable related warranty and TREAD data, VOQs, and legal claims. On October 25, 2017, GM's Directed Monitor Review Board decided to open an investigation on the MY 15-16 light-duty trucks and SUVs based on an increase in the rate of pretensioner-cable related field reports in certain vehicles.

Between Nov. 2017 and Jan. 2018, GM received and analyzed nine additional field incidents of pretensioner-cable fatigue/separation. In late January 2018, GM seatbelt specialists analyzed several GM-employee vehicles

and found no relevant pretensioner-cable issues. Between late January and February 15, 2018, GM began a deep-dive into RPO codes associated with incidents in the field to help identify any potential trends that might correlate certain vehicle configurations with potential pretensioner-cable issues. The RPO analysis revealed a relatively high rate (approximately .006%) of pretensioner-cable issues among police and special-service vehicles. On February 15, 2018, GM's Safety Field Action Decision Authority (SFADA) reviewed the larger investigation covering the MY15-16 light-duty trucks and SUVs and decided to focus specifically on the police and special-service vehicles. Between February 15 and April 12, 2018, further research was performed on the field performance of the pretensioner cables given wear and time. On April 26, GM's SFADA decided to conduct a safety recall of the police and special-service Chevrolet Silverado and Tahoe vehicles.

Description of Remedy :

Description of Remedy Program : Dealers will replace the pretensioner cable and seat side-shield. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 19, 2017

How Remedy Component Differs from Recalled Component : The new pretensioner cable and seat side-shield moves the pretensioner opening outboard and rearward, out of the path of the occupant entering the vehicle.

Recalled Component Name: TENSIONER ASM-F/SEAT BELT ANC PLT
Recalled Component Description: Seat belt lap anchor pretensioner cable
Recalled Component Part Number: 23489047, 23226085
Recalled Component Country of Origin: Mexico

Identify How/When Recall Condition was Corrected in Production : 2017 MY vehicles have a revised seat side-shield, a lap-anchor pretensioner cable with a revised casting, and an additional bracket to help position the cable in a more upright and outboard position.

Recall Schedule :

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

Planned Dealer Notification Date : MAY 03, 2018 - MAY 03, 2018

Planned Owner Notification Date : NR - NR

* NR - Not Reported