

Part 573 Safety Recall Report

18V-509

Manufacturer Name : General Motors LLC**Submission Date :** AUG 17, 2018**NHTSA Recall No. :** 18V-509**Manufacturer Recall No. :** 18255**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 : 94

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Chevrolet Express

Vehicle Type :

Body Style : VAN

Power Train : GAS

Descriptive Information : Only vehicles with certain combinations of front-tire and gross-vehicle-weight option codes are affected. GM identified these affected vehicles using manufacturing records. The tire pressure monitoring systems (TPMS) in the affected vehicles were incorrectly calibrated.

Production Dates : AUG 14, 2017 - NOV 01, 2017

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

Vehicle 2 : 2018-2018 GMC Savanna

Vehicle Type :

Body Style : VAN

Power Train : GAS

Descriptive Information : Only vehicles with certain combinations of front-tire and gross-vehicle-weight option codes are affected. GM identified these affected vehicles using manufacturing records. The TPMS in the affected vehicles were incorrectly calibrated.

Production Dates : AUG 15, 2017 - NOV 02, 2017

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

Description of Noncompliance :

Description of the Noncompliance : General Motors has decided that certain 2018 Chevrolet Express and GMC Savanna vehicles fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 138, "Tire Pressure Monitoring Systems." An incorrect calibration of the tire pressure monitoring system caused the low-tire-pressure warning to be triggered at 37 psi instead of the correct 41 psi required by FMVSS 138.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : If the low tire pressure telltale is not illuminated at the correct tire pressure, the driver may have less time to react to a low-tire-pressure situation, which could affect the driver's ability to control the vehicle in certain situations and could increase the risk of a crash.

Description of the Cause : The change in the recommended cold tire pressure was not properly updated for MY 2018 vehicles.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On April 27, 2018, a validation engineer inspecting the subject vehicles discovered a discrepancy between the recommended cold tire inflation information listed on the door label and the tire pressure values used to calibrate the TPMS. On May 2, 2018, the issue was reported through GM's Speak Up For Safety (SUFS) program. On June 6, 2018, GM opened a formal product investigation. Between June 6 and June 20, 2018, the investigator worked with the subject matter experts to confirm that the effect of the incorrect calibration was that the low tire pressure telltale was triggered at a tire pressure that was 4 psi below the intended tire pressure. Specifically, the low tire pressure warning illuminated at 37 psi instead of 41 psi. Working with the regulatory engineers, the investigator confirmed that 37 psi did not meet the requirements of FMVSS 138 because it was more than 25% below the recommended cold-tire-inflation value of 55 psi. On July 23, 2018, the case was reviewed by GM's Open Investigation Review board, and on July 26, 2018, GM's Safety and Field Action Decision Authority decided to conduct a noncompliance recall.

Description of Remedy :

Description of Remedy Program : Dealers will verify that the tire pressure in the remote control door lock receiver (RCDLR) matches the tire placard in the vehicle's door jamb and, if they do not match, reprogram the RCDLR portion of the TPMS with the correct tire pressure values. 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 RCDLR is programmed with the correct tire pressure values.
Recalled Component Name: Remote control door lock receiver (RCDLR)
Recalled Component Description: Remote control door lock receiver programming
Recalled Component Part Number: 20863945
Recalled Component Country of Origin: U.S.

Identify How/When Recall Condition was Corrected in Production : Vehicles produced after 11/02/2017 have the correct tire pressure values programmed into the RCDLR

Recall Schedule :

Description of Recall Schedule : General Motors will provide dealer bulletin and owner letter notification dates when available.
Planned Dealer Notification Date : AUG 02, 2018 - AUG 02, 2018
Planned Owner Notification Date : AUG 27, 2018 - AUG 27, 2018

* NR - Not Reported