

Part 573 Safety Recall Report

19V-731

Manufacturer Name : General Motors LLC**Submission Date :** NOV 18, 2019**NHTSA Recall No. :** 19V-731**Manufacturer Recall No. :** N192279200**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 : 81

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Cadillac CT6

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Population was identified by records in GM's accessory ordering system showing orders for dealer installed wheels with RPO 5JO or SHH. 2020 Cadillac CT6 vehicles that did not show orders for these wheels are not included in the recall.

Production Dates : AUG 01, 2019 - SEP 09, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : General Motors has decided that certain 2020 model year Cadillac CT6 vehicles equipped with certain dealer-installed accessory wheels may fail to conform to S4.2 of Federal Motor Vehicle Safety Standard (FMVSS) No. 138, "Tire pressure monitoring systems." These vehicles may have been equipped with tire-pressure monitoring system (TPMS) sensors that use the incorrect wireless radio frequency to communicate with the vehicle. In these vehicles, a low-tire-pressure warning light may not illuminate when tire pressure drops too low, as required by S4.2 of FMVSS 138.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : Drivers who do not manually check tire pressure could operate the vehicle with low pressure. Low tire pressure can negatively affect vehicle handling or cause tire failure, increasing the risk of a crash.

Description of the Cause : An incorrect part number for the TPMS sensors was input into GM's accessory

part ordering system. These sensors communicate wirelessly using a different radio frequency than intended for this vehicle.

Identification of Any Warning that can Occur : A TPMS malfunction warning light will illuminate after driving over 28 mph (45 kph) for 18 minutes.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

GM opened an investigation into the subject condition on September 24, 2019 after a report was submitted through GM's Speak up for Safety program. The report indicated that the incorrect TPMS sensors may have been installed on certain CT6 vehicles equipped with certain dealer-accessory wheels. Because these sensors use a different wireless-communication radio frequency than designed, the vehicle may not display a tire underinflation warning to the driver as intended.

GM's investigator reviewed the condition with the relevant subject-matter experts and GM's regulatory engineers. GM's Open Investigation Review board reviewed the status of the investigation on October 7, 2019 and recommended a noncompliance recall. On October 9, 2019, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall for the condition.

Description of Remedy :

Description of Remedy Program : Dealers will replace all four TPMS sensors with the correct sensors. 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 correct part, 84413357, communicates on the correct frequency intended for this vehicle.

Recalled Component Name: 314.9 MHZ Tire Fill Alert Manual Learn
Recalled Component Description: Tire Pressure Monitor Sensor
Recalled Component Part Number: 84413352
Recalled Component Country of Origin: Mexico

Identify How/When Recall Condition was Corrected in Production : The part number was corrected in the accessory part ordering system on September 11, 2019. Accessory kits shipped after September 11, 2019 have the correct sensors.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on October 15, 2019. GM plans to mail owner notification letters on December 3, 2019.

Planned Dealer Notification Date : OCT 15, 2019 - OCT 15, 2019

Planned Owner Notification Date : DEC 03, 2019 - DEC 03, 2019

* NR - Not Reported