

Part 573 Safety Recall Report

19V-889

Manufacturer Name : General Motors LLC**Submission Date :** DEC 12, 2019**NHTSA Recall No. :** 19V-889**Manufacturer Recall No. :** N192268090**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 : 463,995

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify the affected vehicles. 2019 models from GM's previous generation truck platform (i.e., those not marketed as "All-New") are not included in this recall.

There are 332,560 Chevrolet Silverado 1500 vehicles affected by this recall.

Production Dates : MAR 02, 2018 - AUG 09, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 Cadillac CT6

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify the affected vehicles. Affected vehicles are those built with the 2.0L turbo engine (RPO LSY) or the 4.2L twin turbo engine (RPO LTA). CT6 vehicles with other engines are not part of this recall.

There are 821 Cadillac CT6 vehicles affected by this recall.

Production Dates : JUN 29, 2018 - JUL 26, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2019 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify the affected vehicles. 2019 models from GM's previous generation truck platform (i.e., those marketed as "Limited") are not included in this recall.

There are 130,614 GMC Sierra 1500 vehicles affected by this recall.

Production Dates : MAR 02, 2018 - AUG 09, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : General Motors has decided that certain 2019 model year Cadillac CT6, Chevrolet Silverado 1500, and GMC Sierra 1500 vehicles may fail to conform to S5.3 of Federal Motor Vehicle Safety Standard (FMVSS) No. 126, "Electronic stability control systems for light vehicles" and S5.1 of FMVSS 135, "Light vehicle brake systems." In these vehicles, a software error can, in rare cases, disable the vehicle's electronic stability control (ESC) and antilock brake system (ABS) systems for a single ignition cycle. If this specific error occurs, the vehicle's diagnostics will not illuminate the vehicle's ESC and ABS telltale lamps, as required by S5.3 of FMVSS 126 and S5.1 of FMVSS 135.

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : 135 - Light vehicle brake systems

Description of the Safety Risk : If the driver is unaware that ESC and ABS are not functioning, there may be increased risk of a crash.

Description of the Cause : If a rare sequence of operational events occurs, the vehicle's electronic brake control module (EBCM) software causes the EBCM to enter a mode that disables the vehicle's ESC and ABS for a single ignition cycle. In this mode, vehicle's diagnostic systems will not illuminate the vehicle's ESC and ABS telltale lamps.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : ZF TRW

Address : 12025 Tech Center Drive
Livonia MICHIGAN 48150

Country : United States

Chronology :

On November 15, 2019, GM's EBCM supplier informed GM that, while analyzing data in connection with a related GM product investigation, it identified a software error that could, under a very precise sequence of operational events, cause the EBCM in certain vehicles to enter a mode that disables the vehicle's ESC and ABS for a single ignition cycle. In this mode, vehicle's diagnostic systems will not illuminate the vehicle's ESC and ABS telltale lamps. On December 5, 2019, GM's Safety and Field Action Decision Authority decided to conduct a noncompliance recall.

Description of Remedy :

Description of Remedy Program : Dealers will reflash the EBCM.
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 software error that causes the noncompliant condition is not present in the new software.
Recalled Component Name: DATA FILE-ELEK BRK CONT MDL OP SYS
Recalled Component Description: Electronic Brake Control Module Software
Recalled Component Part Number: 84600206, 84678461, 84701709, 84710979, 84683883
Recalled Component Country of Origin: U.S.

Identify How/When Recall Condition was Corrected in Production : For the 2020 model year, the supplier removed the software error that causes the noncompliant condition in the recalled population.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on December 12, 2019. GM plans to begin notifying owners on January 27, 2020.
Planned Dealer Notification Date : DEC 12, 2019 - DEC 12, 2019
Planned Owner Notification Date : JAN 27, 2020 - JAN 27, 2020

* NR - Not Reported