

Part 573 Safety Recall Report

20V-461

Manufacturer Name : General Motors LLC**Submission Date :** AUG 14, 2020**NHTSA Recall No. :** 20V-461**Manufacturer Recall No. :** N202309350**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 : 5,141

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Chevrolet Corvette

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify affected vehicles. Vehicles produced after the correction was implemented in production are not included in this recall.

Production Dates : AUG 08, 2019 - JUL 24, 2020

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 Chevrolet Corvette vehicles fail to conform to S4.1 of Federal Motor Vehicle Safety Standard (FMVSS) No. 401, "Interior trunk release." These vehicles are designed to enter a low-power "sleep" mode ten minutes after powering off. The trunk lid release button located inside the front trunk compartment may not function while the vehicle is in this sleep mode, as required by FMVSS 401.

FMVSS 1 : 401 - Internal trunk release

FMVSS 2 : NR

Description of the Safety Risk : If the trunk lid is left open, a small person who climbs inside the front trunk compartment and closes the trunk lid while inside may not be able to get out without assistance, increasing the risk of injury.

Description of the Cause : Under certain conditions, the voltage generated when depressing the trunk lid release button is not sufficient to wake the vehicle from sleep mode, rendering the trunk release button inoperative while the vehicle is in that mode.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : DATA FILE-BCM CHAS CONT SYS CALN

Component Description : Body Control Module (BCM) Software Calibration

Component Part Number : 84871219, 84871220, 84871221, 84871222

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On June 19, 2020, an auditor at GM's Bowling Green assembly plant tested the trunk lid release button located inside the front trunk compartment in one of the affected vehicles after the vehicle had been left unattended and entered a low-power "sleep" mode. The button would not unlatch the trunk lid while the vehicle was in this mode. A GM quality manager submitted the issue to GM's Speak Up For Safety program that day. On June 26, 2020, GM opened a formal product investigation. On July 8, 2020, GM's investigator was able to duplicate the condition on a 2020 Corvette. GM engineers determined that, under certain conditions, the voltage generated by the button is insufficient to wake the vehicle from sleep mode, rendering the button inoperative while the vehicle is in that mode. A regulatory assessment concluded on July 21 that the condition represents a potential noncompliance condition. On July 30, 2020, GM's Safety and Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall. GM is not aware of any field incidents related to this condition.

Description of Remedy :

Description of Remedy Program : GM will update the software in the vehicles' Body Control Module (BCM) to lower the voltage required to wake the vehicle from the low-power "sleep" mode. This will allow the interior trunk release button to function while the vehicle is in that mode. Owners who have accepted applicable terms and conditions will have the opportunity to accept these software changes using wireless over-the-air (OTA) technology without having to bring their vehicle to a dealership. Alternatively, owners may schedule to have the updates performed at a GM dealer.

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 revised BCM software calibration lowers the voltage threshold for waking the BCM from the "sleep" mode.

Identify How/When Recall Condition was Corrected in Production : The revised BCM software calibration was fully implemented in production by July 24, 2020.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on August 6, 2020. Customer notification is estimated to begin on September 21, 2020.

Planned Dealer Notification Date : AUG 06, 2020 - AUG 06, 2020

Planned Owner Notification Date : SEP 21, 2020 - SEP 21, 2020

* NR - Not Reported