

Part 573 Safety Recall Report

21V-579

Manufacturer Name : General Motors, LLC**Submission Date :** JUL 29, 2021**NHTSA Recall No. :** 21V-579**Manufacturer Recall No. :** N212340970**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 : 2

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Chevrolet Tahoe

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Service programming records were used to identify specific VINs that may have had the brake system control module (BSCM) reprogrammed during servicing with incorrect software calibrations.

Vehicles designed with previous module architecture and vehicles that did not receive reprogramming or were confirmed to have received the correct reprogramming during servicing are not affected by this recall.

There is one Chevrolet Tahoe affected by this recall.

Production Dates : JUN 23, 2020 - JUN 23, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 GMC Yukon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Service programming records were used to identify specific VINs that may have had the brake system control module (BSCM) reprogrammed during servicing with incorrect software calibrations.

Vehicles designed with previous module architecture and vehicles that did not receive reprogramming or were confirmed to have received the correct reprogramming during servicing are not affected by this recall.

There is one GMC Yukon affected by this recall.

Production Dates : AUG 05, 2020 - AUG 05, 2020

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 one 2021 model year Chevrolet Tahoe and one 2021 model year GMC Yukon. Dealer service technicians may have programmed these vehicles' brake system control modules (BSCM) with incorrect calibrations. This condition may adversely impact the operation or sensitivity of certain vehicle systems, including electronic stability control, traction control, and anti-lock braking, or cause the loss of trailer braking while towing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Stability control, traction control, and anti-lock braking may not perform as intended in certain low traction conditions. Braking performance will be reduced when towing a trailer equipped with trailer brakes. There may be increased risk of a crash.

Description of the Cause : When reprogramming the BSCMs in these vehicles, dealer service technicians entered an incorrect vehicle identification number (VIN) in the service tool, resulting in programming a calibration designed for another vehicle configuration.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : DATA FILE-ELEK BRK CONT MDL

Component Description : Brake System Control Module Software Calibration File

Component Part Number : 84763654, 84304251, 85114734, 84763763, 84304251

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

GM opened an investigation into the condition on June 14, 2021 after a prior investigation into a similar condition revealed additional vehicles may have had incorrect BSCM calibration reprogramming. A review of data from the additional service reprogramming events was completed on July 15, 2021 and found three possible instances of incorrect programming that may affect vehicle safety. Two of these vehicles are in the US. GM is not aware of any accidents or injuries associated with this condition. On July 22, 2021, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will reprogram the brake system control module with the correct software and calibration data files.
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 : Electronic brake control modules will be reprogrammed with software and calibration data files matched to the correct VIN.

Identify How/When Recall Condition was Corrected in Production : Although this condition does not occur if service technicians follow GM's procedures, GM has issued a technical service bulletin to reinforce the steps for reprogramming vehicles. In addition, the service tool was updated to reduce the risk of technician error and prevent technicians from bypassing the automatic VIN checking function of the tool.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on July 29, 2021. Customer notification is expected to occur by September 13, 2021.

Planned Dealer Notification Date : JUL 29, 2021 - JUL 29, 2021

Planned Owner Notification Date : SEP 13, 2021 - SEP 13, 2021

* NR - Not Reported