

Part 573 Safety Recall Report

22V-868

Manufacturer Name : General Motors, LLC

Submission Date : JAN 19, 2023

NHTSA Recall No. : 22V-868

Manufacturer Recall No. : N222373320



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 : 10,194

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2019-2020 Cadillac XT4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

Models not equipped with the optional Surround Vision feature (RPO UV2) are not included in this recall.

Production Dates : MAY 14, 2018 - AUG 19, 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 certain 2019-2020 model year Cadillac XT4 vehicles equipped with the optional Surround Vision feature. The rear-view camera (RVC) in these vehicles may fail or function intermittently.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the rear-view camera is not functioning properly, rear visibility is reduced, increasing the risk of a crash during a backing event.

Description of the Cause : The video processing module (VPM) in these vehicles may experience software anomalies that could allow for loss of communication between the VPM and rear-view camera.

Identification of Any Warning that can Occur : The operator may notice intermittent backup camera performance or the loss of the backup camera image with a black or blue screen.

Involved Components :

Component Name 1 : MODULE ASM-VIDEO PROCESSING

Component Description : Video Processing Module

Component Part Number : 84691751, 84755783

Supplier Identification :**Component Manufacturer**

Name : Valeo Sistemas Electronicos

Address : S. de R.L. Tier One Carr.

Matamoros-Mazatlan km 99 Col. Celanese Rio Bravo Foreign States 88900

Country : Mexico

Chronology :

GM opened an investigation into the subject condition on August 2, 2022, after a preliminary review identified field reports of 2020 model-year Cadillac XT4 vehicles experiencing malfunctioning rear-view cameras (RVCs).

GM's investigation analyzed relevant field data relating to RVC performance for 2019 through 2022 model year XT4 vehicles. GM's field-data analysis identified a significantly higher claim rate associated with the 2019 and 2020 model year vehicles, which were manufactured before certain improvements were made to the vehicles' VPM software. GM identified 847 potentially relevant field reports relating to this vehicle population, which GM received from December 28, 2018, to September 19, 2022.

Based on this analysis, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall on the 2019 and 2020 model year XT4 vehicles on November 17, 2022.

Description of Remedy :

Description of Remedy Program : Dealers will update VPM software. For 2019 model year vehicles, this may also require replacement of the VPM.

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 : [Intentionally left blank]

Identify How/When Recall Condition was Corrected in Production : VPM software improvements addressed this condition for subsequent model years.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on November 23, 2022. Interim notification to owners is estimated to begin on January 20, 2023, This will be a phased launch, with owner notification estimated to begin February 03, 2023 and complete March 31, 2023.

Planned Dealer Notification Date : NOV 23, 2022 - NOV 23, 2022

Planned Owner Notification Date : FEB 03, 2023 - MAR 31, 2023

* NR - Not Reported