

Part 573 Safety Recall Report

19V-837

Manufacturer Name : General Motors LLC**Submission Date :** NOV 21, 2019**NHTSA Recall No. :** 19V-837**Manufacturer Recall No. :** N192283991**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 : 502

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Cadillac Escalade

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Suspect fuel pumps were identified by the supplier as being produced during a specific two-day build period during which the supplier made a process change from a robotic to a manual process. Manufacturing records and component trace data were used to identify specific VINs that were built with fuel pumps produced during the suspect period. Vehicles built with fuel pumps produced outside of the suspect period are not affected.

There are 11 Cadillac Escalade vehicles involved in this recall.

Production Dates : SEP 06, 2019 - SEP 10, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2020-2020 Cadillac Escalade ESV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Suspect fuel pumps were identified by the supplier as being produced during a specific two-day build period during which the supplier made a process change from a robotic to a manual process. Manufacturing records and component trace data were used to identify specific VINs that were built with fuel pumps produced during the suspect period. Vehicles built with fuel pumps produced outside of the suspect period are not affected.

There are 7 Cadillac Escalade ESV vehicles involved in this recall.

Production Dates : SEP 05, 2019 - SEP 06, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2020-2020 Chevrolet Camaro

Vehicle Type :

Body Style :

Power Train : NR

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There are 48 Chevrolet Camaro vehicles involved in this recall.

Production Dates : AUG 26, 2019 - SEP 13, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2020 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

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There are 268 Chevrolet Silverado 1500 vehicles involved in this recall.

Production Dates : AUG 26, 2019 - SEP 28, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2020-2020 Chevrolet Suburban

Vehicle Type :

Body Style :

Power Train : NR

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There is 1 Chevrolet Suburban vehicle involved in this recall.

Production Dates : SEP 05, 2019 - SEP 05, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2020-2020 Chevrolet Tahoe

Vehicle Type :

Body Style :

Power Train : NR

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There are 2 Chevrolet Tahoe vehicles involved in this recall.

Production Dates : SEP 06, 2019 - SEP 06, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2020-2020 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

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There are 144 GMC Sierra 1500 vehicles involved in this recall.

Production Dates : AUG 28, 2019 - SEP 28, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2020-2020 GMC Yukon

Vehicle Type :

Body Style :

Power Train : NR

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There are 11 GMC Yukon vehicles involved in this recall.

Production Dates : SEP 05, 2019 - SEP 06, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2020-2020 GMC Yukon XL

Vehicle Type :

Body Style :

Power Train : NR

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There are 10 GMC Yukon XL vehicles involved in this recall.

Production Dates : SEP 06, 2019 - SEP 10, 2019

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 2020 model year Cadillac Escalade and Escalade ESV; Chevrolet Camaro, Silverado 1500, Suburban, and Tahoe; and GMC Sierra 1500, Yukon, and Yukon XL vehicles. The supplier of fuel pumps for these vehicles may have failed to install a component that regulates pressure within the pump. This can result in over pressurization leading to a crack in certain welds in the pump. If the welds crack, fuel could leak from the pump.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If leaked fuel encounters a potential ignition source, a fire could occur.

Description of the Cause : From August 10 to 11, 2019, GM's supplier of the subject fuel pumps utilized a manual assembly process instead of its normal automated manufacturing process and automated assembly verification process. During this two-day period, some fuel pumps appear to have been manufactured incorrectly.

Identification of Any Warning that can Occur : Owners may notice a fuel odor or fuel spilled on the ground.

Supplier Identification :

Component Manufacturer

Name : Stanadyne

Address : 405 White St.

Jacksonville NORTH CAROLINA 28546

Country : United States

Chronology :

On September 30, 2019, GM became aware of an incident of fuel leaking at the high-pressure fuel pump on a 2020 GMC Sierra. On October 4, 2019, GM's dealer provided the failed pump to GM's pump supplier for analysis. The supplier determined that the accumulator pack, which regulates pressure within the pump, was missing from the pump assembly. The supplier completed a weld analysis on October 17, 2019, which showed no weld abnormalities. On October 22, 2019, the supplier conducted bench testing to simulate the condition and determined the missing accumulator allowed over pressurization that led to the weld crack at the inlet fitting. On the same day, GM became aware of a second potentially related incident on a 2020 Chevrolet Silverado. On October 24, 2019, GM's brand quality manager reported the issue through GM's Speak Up for Safety program (SUFs). On October 25, the supplier determined the reported fuel pump mis-builds occurred after it made a process change during a two-day period in August from a robotic to a manual process for inserting the accumulator pack. The supplier provided GM with serial numbers for all suspect fuel pumps produced during that period.

GM opened an investigation on October 30, 2019. Analysis of field data was completed November 4, 2019 and showed no other related incidents. However, GM later became aware of a third incident that occurred on November 12, 2019 involving a 2020 GMC Yukon.

The results of the investigation were reviewed by GM's Open Investigation Review board on November 13, 2019. On November 14, 2019, GM's Safety and Field Action Decision Authority decided to conduct a safety recall to replace fuel pumps produced during the suspect period.

Description of Remedy :

Description of Remedy Program : Dealers will replace the high pressure fuel pump. 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 : Replacement fuel pumps were not produced during the supplier's suspect window.

Recalled Component Name: PUMP ASM-FUEL
Recalled Component Description: High Pressure Fuel Pump
Recalled Component Part Number: 12697967
Recalled Component Country of Origin: U.S.

Identify How/When Recall Condition was Corrected in Production : The supplier provided GM with a list of all suspect fuel pumps on October 25, 2019. GM traced the pumps to specific VINs. Manufacturing records showed that suspect components were not used on any vehicles built after September 28, 2019.

Recall Schedule :

Description of Recall Schedule : A stop delivery order for unsold VINs was provided to dealers on November 14, 2019. Dealers will be notified of the recall on November 21, 2019. GM plans to mail owner notification letters on January 6, 2020.

Planned Dealer Notification Date : NOV 21, 2019 - NOV 21, 2019

Planned Owner Notification Date : JAN 06, 2020 - JAN 06, 2020

* NR - Not Reported