Part 573 Safety Recall Report 19V-088

Manufacturer Name : General Motors LLC
Submission Date : FEB 07, 2019
NHTSA Recall No. : 19V-088
Manufacturer Recall No. : N182204190

Manufacturer Information :

Manufacturer Name : General Motors LLC
Address : 29427 Louis Chevrolet Road
MAIL CODE 480-210-2V WARREN MI 48093
Company phone : 5961733

Population :

Number of potentially involved : 18,574
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2018 GMC Sierra 3500
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : The vehicles being recalled were built with Dual Fuel Tanks (N2N) & Gas Engines (L96). The population includes vehicles with N2N and L96 content for models years that have experienced fuel leaks in the field.
3,809 GMC Sierra 3500 trucks are affected by this recall.
Production Dates : SEP 26, 2015 - OCT 06, 2017
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2016-2018 Chevrolet Silverado 3500
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : The vehicles being recalled were built with Dual Fuel Tanks (N2N) & Gas Engines (L96). The population includes vehicles with N2N and L96 content for models years that have experienced fuel leaks in the field.
14,765 Chevrolet Silverado 3500 trucks are affected by this recall.
Production Dates : SEP 26, 2015 - OCT 06, 2017
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 2016 – 2018 model-year Chevrolet Silverado 3500 and GMC Sierra 3500 vehicles equipped with gas engines and dual fuel tanks. In these vehicles, if the fuel-level sensor in the front tank becomes stuck in a low-level position, the rear tank may overfill the front tank and potentially cause it to expand. In rare circumstances, the front fuel tank could expand and contact a moving drive shaft, which could create a hole in the front fuel tank and allow fuel to leak.
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 :	If the front-tank fuel-level sensor becomes stuck in such a way that the fuel level in the front tank always registers as low, the fuel transfer pump may continue to pump fuel from the rear tank to the front tank even after the front tank is full, causing an overpressure condition in the front tank. Overpressure may cause the front tank to expand and contact the moving drive shaft.
Identification of Any Warning that can Occur :	Customers may hear a grinding or knocking noise if an overpressurized front fuel tank expands and contacts a moving drive shaft.

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

On October 12, 2017, GM recalled certain MY 2011-15 heavy duty (HD) trucks equipped with gas engines and dual fuel tanks for the subject condition. Although there was no evidence at that time that the condition existed in similar trucks built after the 2015 model year, out of an abundance of caution GM began to monitor relevant field data for the later model years. An initial review took place on April 16, 2018 and a subsequent review occurred on October 28, 2018.

On November 28, 2018, GM's Open Investigation Review (OIR) board reviewed potentially relevant new field reports identified through the monitoring process and decided to open an investigation into applicable MY 2016-18 HD trucks. The investigator reviewed the new field data with GM's subject matter experts. The investigation found that the condition may be present in vehicles built before GM began using a new low-pressure fuel pump in early October 2017, but there is no evidence that the condition is present in vehicles

built with the new fuel pump. As in the prior recall, the potential condition is limited to HD trucks with gas engines and the dual-tank option, and the only trucks produced with these options are the 3500 series chassis cab vehicles (trucks without a bed and intended for modification and commercial use).

The OIR board reviewed the investigation results on January 28, 2019. On January 31, 2019, GM's Safety & Field Action Decision Authority decided to conduct a safety recall for applicable MY 2016 through 2018 HD trucks built before GM began using the new low-pressure fuel pump.

Description of Remedy :

Description of Remedy Program :	Dealers will replace the rear-tank fuel-pump module. Dealers will also inspect the front tank and replace if necessary. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 19, 2017.
How Remedy Component Differs from Recalled Component :	Replacement fuel pump modules have a lower pressure limit than the recalled pumps. . Recalled Component Name: TANK ASM-AUX FUEL Recalled Component Description: Auxiliary Fuel Tank Assembly Recalled Component Part Number: 23249060 Recalled Component Country of Origin: U.S.
Identify How/When Recall Condition was Corrected in Production :	GM implemented fuel pump modules with a lower pressure limit at its Fort Wayne assembly plant on October 4, 2017 and on October 6, 2017 at its Flint assembly plant.

Recall Schedule :

Description of Recall Schedule :	GM will notify dealers on February 7, 2019. GM will provide owner mail dates when available.
Planned Dealer Notification Date :	FEB 07, 2019 - FEB 07, 2019
Planned Owner Notification Date :	NR - NR

* NR - Not Reported