

Part 573 Safety Recall Report

21V-741

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : OCT 13, 2021

NHTSA Recall No. : 21V-741

Manufacturer Recall No. : FL-903



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 87

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 10 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2015-2018 Thomas Built Buses Minotour

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain CNG Minotour buses built within date range above.

Production Dates : DEC 14, 2013 - JUN 29, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Per the component supplier, IMPCO Automotive: "The underbody shut-off solenoid connector to a CNG fuel tank may corrode and could form a high-resistance short in the connector, potentially causing overheating or, in rare circumstances, a self-extinguishing flame. If there is a fuel leak or other combustible material in the vicinity, there is a risk of ignition."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per IMPCO Automotive: If there is a fuel leak or other combustible material in the vicinity, there is a risk of fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Shut-Off Solenoid

Component Description : CNG Fuel Shut-Off Solenoid

Component Part Number : Unknown

Supplier Identification :

Component Manufacturer

Name : IMPCO Automotive

Address : Unknown

NR

Country : NR

Chronology :

IMPCO Automotive designed and installed CNG conversions for gasoline powered General Motors vehicles and other vehicle makes including chassis used in the Minotour bus. IMPCO Automotive no longer operates as a company. In February 2021 Thomas Built Buses received a report on a Minotour bus with an IMPCO Automotive CNG fuel system installed. The bus was preparing to leave the yard when the engine shutdown. The driver went to get a technician from the shop and when they returned, there was smoke coming from under the bus. In mid March of 2021, an investigation by the customer and Thomas Built Buses of the bus identified the CNG fuel shut-off solenoid as the source of the event. At this time, Thomas Built Buses identified an IMPCO Automotive/General Motors recall, 13V-225, that affected vehicles built prior to the bus involved in this incident and may have related to the reported Minotour issue. DTNA began an investigation to better determine if the event was related to the previous IMPCO Automotive recall. In or about that time, DTNA reviewed the fuel shut-off solenoid from the bus involved in the incident. The solenoid did not have any identifying part numbers printed on it so it could not be determined if it was the solenoid that was previously recalled. In the course of this investigation DTNA discovered that that some of IMPCO Automotive's assets were purchased by another company. DTNA reached out to this company to see if they had any production records or knowledge related to the Thomas Built Buses that IMPCO Automotive had converted to CNG. The new company was unable to provide any records to help determine if the bus contained the same defect that IMPCO had previously recalled. In September 2021, out of an abundance of caution, DTNA decided to issue a voluntary safety recall on certain Thomas Built Buses Minotour school buses with an IMPCO Automotive CNG fuel system in order to replace that supplier's defective parts.

Description of Remedy :

Description of Remedy Program : The CNG fuel cut-off solenoid will be replaced. Repairs will be performed by Daimler Trucks North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : NOV 14, 2021 - NOV 14, 2021

Planned Owner Notification Date : NOV 14, 2021 - NOV 14, 2021

* NR - Not Reported