

Part 573 Safety Recall Report

22V-438

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** OCT 20, 2022**NHTSA Recall No. :** 22V-438**Manufacturer Recall No. :** FL942**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 461

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 2 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2020-2023 Thomas Built Bus Saf-T-Liner C2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain MY 2020 thru 2023 Thomas Built Bus C2 Saf-T-Liner school buses equipped with a PSI 8.8L LPG fueled engine may stall suddenly without any warning.

Production Dates : MAR 07, 2019 - MAR 18, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On certain C2 Saf-T-Liner school buses equipped with a PSI 8.8L propane fueled engine, while in motion, the ECM may set a code 629/12 and the engine may randomly shut off, without any warning.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In certain conditions, an unintended shut down without warning and without the ability to restart the engine, may result in an increased risk of a crash or ultimately could result in the transfer of passengers to alternate transportation in an uncontrolled traffic environment, increasing the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : There is no warning.

Involved Components :

Component Name 1 : unknown

Component Description : unknown

Component Part Number : unknown

Supplier Identification :

Component Manufacturer

Name : Power Solutions International (PSI)

Address : 6450 Muirfield Drive
HanoverPark Illinois 60133

Country : United States

Chronology :

In late May 2022, DTNA learned of an IC Bus recall in connection with certain 8.8 L propane-powered engines supplied by PSI, which DTNA also uses in its vehicles. Given this recall and the information identified, DTNA proactively assessed its available data to ascertain potential exposure, if any, to its vehicles. The assessment helped to connect limited pieces of information from a problem that DTNA had believed it solved.

DTNA's analysis identified two service reports in or around January 2022 indicating potentially-related stalling phenomena, as well as one customer report from a fleet with error codes indicating emission related codes, but no stalling. DTNA's analysis also identified vehicles presenting error codes potentially related to the IC Bus issue in or around late February 2022—but again, without stalling. Given this information, in or around February 2022, DTNA attempted to induce a stalling condition but was unable to do so. At or around the same time, discussed the issue and tested a solution of replacing the ECMs on the affected vehicles, which seemed to resolve the fault codes and any possible stalling issue. Based upon that information, at that time DTNA reasonably concluded those issues to be resolved and not to present an unreasonable risk to motor vehicle safety. The problem was not known to recur until late-May 2022, when DTNA received a report that the fixed vehicles were again stalling and, at approximately the same time, learned of the IC recall. DTNA promptly opened an investigation.

While the information available to DTNA through that investigation is unclear, given IC Bus's recall decision, viewed in conjunction with the contemporaneous stall reports and the information mustered by DTNA during its investigation, on June 17, 2022, out of an abundance of caution and in the interests of safety, DTNA decided to file a recall. To the best of DTNA's knowledge, there are no reported deaths or... see attached for more

Description of Remedy :

Description of Remedy Program : A new software update to the engine controller will be installed. Repairs are expected to 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 Truck North America records to determine the customers affected.

Planned Dealer Notification Date : AUG 19, 2022 - AUG 19, 2022

Planned Owner Notification Date : AUG 19, 2022 - AUG 19, 2022

* NR - Not Reported