

## Defect / Noncompliance Information Report

(Section 573.6)

**FL942**

**Date of Submission:** 10/19/2022

**Manufacturer:** Daimler Truck North America LLC  
P.O. BOX 3849  
Portland, Oregon 97208

**Type of Report:**  Safety Defect  Non-Compliance

### Vehicle Information

**Model Yr. Start:** 2020 **Model Yr. End:** 2023

**Make:** Thomas Built Bus

**Model:** C2 Saf-T-Liner

**Production Dates:** **Begin:** 03/07/2019 **End:** 03/18/2022

**Descriptive Information:** Certain MY 2018, 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.

- If bus, include the number of passengers. 1-74

### Basis for Determination of the Recall Population:

Certain MY 2020 thru 2023 Thomas Built Bus C2 Saf-T-Liner School Buses equipped with a PSI 8.8L LPG fueled engine.

**Number potentially involved:** 461

**Estimated percentage of involved with defect:** 2%

## **Defect / Noncompliance Description**

### **For this Defect/Noncompliance:**

#### **Describe the defect or noncompliance:**

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.

#### **Describe 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.

#### **Identify any warning which can precede or occur:**

There is no warning.

#### **If applicable, identify the manufacture of the defective or noncompliant component.:**

Power Solutions International (PSI)

### **Involved Components**

**Component Name:** N/A

**Component Description:** N/A

**Component Part Number:** N/A

**Component's country of origin:** USA

**Business address:** 6450 Muirfield Drive, Hanover Park, IL 60133

**Business telephone number:**

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## **Chronology of Defect / Noncompliance Determination**

### **Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision:**

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 injuries related to this issue.

In late June, 2022, DTNA discovered that one C2 non-school bus was erroneously included in 22V438's population. Upon learning of this information, DTNA immediately reviewed all pertinent facts available at the time and began the process of filing an amended DIR.

## Identify the Remedy

**Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.**

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.

## Identify the Recall Schedule

**Describe the recall schedule for notifications.:**

Customer notification will be made by first class mail using Daimler Truck North America records to determine the customers affected.

<b>Planned Dealer Notification Begin Date:</b>	08/19/2022
<b>Planned Dealer Notification End Date:</b>	08/19/2022
<b>Planned Owner Notification Begin Date:</b>	08/19/2022
<b>Planned Owner Notification End Date:</b>	08/19/2022

**Does DTNA plan to file inconsequentiality petition?**  Yes  No

**Manufacturer's identification code for this recall (if applicable):** FL942

DTNA Representative;



Sam Geser  
Manager, Product Defect Investigation Engineering Manager