

Part 573 Safety Recall Report

20V-113

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** APR 15, 2020**NHTSA Recall No. :** 20V-113**Manufacturer Recall No. :** FL-844**Manufacturer Information :**

Manufacturer Name : Daimler Trucks North America LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 6,010

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2020-2021 Thomas Built Buses Saf-T-Liner C2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : School Buses configured with a specific Switch Hub Module (P/N: 204803 and 216434) combined with a 500k Bulk Head Module and certain 3-position momentary switch warning light packages

Production Dates : JAN 02, 2019 - FEB 13, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On the affected school buses the switch hub module (SHM) controlling the exterior warning lights and stop sign may experience a communication issue resulting in deactivation of the red warning lights, stop sign, and system indicator.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the red exterior warning lights stop flashing, and the stop sign retracts, other drivers may be incorrectly signaled to stop driving before the school bus loading/unloading of students is complete therefore increasing the risk to injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : John Deere Electronic Solutions

Address : NR

NR

Country : NR

Chronology :

January 2020, DTNA received a dealer report concerning a specific exterior warning light option package working intermittently. DTNA began inspecting school buses at the School Bus Plant. The plant inspection of 25 vehicles revealed four vehicles had exterior warning lights turning off without additional driver input after operating continuously for an extended period of time. An inspection conducted by the dealer of 98 school buses revealed 53 school buses reporting a similar issue. February 2020, DTNA received an additional dealer report of a school bus exhibiting a similar issue manufactured prior to the parameter update. February 20, 2020 DTNA with an abundance of caution, decided to conduct a voluntary recall campaign on school buses equipped with the above configuration. February 2020 – April 2020, DTNA conducted an in-depth analysis of warranty and test data in conjunction with the SHM supplier. Findings indicated there were no warranty claims, reports from the field or testing that indicated the issue was present prior to Jan 2019. April 2020, DTNA amends the 573 defect report to modify the start date of the recall population to January 2, 2019. No incidents have been reported in the field. Only in unique circumstances could the issue be replicated.

Description of Remedy :

Description of Remedy Program : The software in the SHM will be updated -- 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 : APR 25, 2020 - APR 25, 2020

Planned Owner Notification Date : APR 25, 2020 - APR 25, 2020

* NR - Not Reported