# Part 573 Safety Recall Report      20V-394

| | |
|---|---|
| **Manufacturer Name :** | Daimler Coaches North America |
| **Submission Date :** | JUL 03, 2020 |
| **NHTSA Recall No. :** | 20V-394 |
| **Manufacturer Recall No. :** | 75.00U20104A |

**NHTSA**
NATIONAL HIGHWAY TRAFFIC
SAFETY ADMINISTRATION

**Manufacturer Information :**

Manufacturer Name : Daimler Coaches North America
Address : 2477 Deerfield Drive
Fort Mill SC 29715
Company phone : 800-206-9728

**Population :**

Number of potentially involved : 55
Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2018-2019 Setra S407
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : The recall population was based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.
2018 S407 = 6 affected vehicles
2019 S407 = 5 affected vehicles
2019 S417 = 31 affected vehicles
2020 S417 = 13 affected vehicles

Production Dates : FEB 01, 2018 - JAN 31, 2019
VIN Range 1 : Begin : WKKA404H6J3050161  End : WKKA404H7K3050171  ☐ Not sequential

Vehicle 2 : 2019-2020 Setra S417
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : The recall population was based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.
2018 S407 = 6 affected vehicles
2019 S407 = 5 affected vehicles
2019 S417 = 31 affected vehicles
2020 S417 = 13 affected vehicles

Production Dates : MAY 01, 2019 - JAN 31, 2020
VIN Range 1 : Begin : WKKA574H7K3010310  End : WKKA574H1L3010353  ☐ Not sequential

The information contained in this report was submitted pursuant to 49 CFR §573

**Description of Defect :**

Description of the Defect : A change to the outer frame of the engine compartment flap required an additional weld seam on the hinges. In some instances, this additional weld was not applied. The absence of individual welding seams on the hinge compartment flap can reduce the strength and stability. This could lead to a failure of the connections to the hinge, which could overload other hinge connections. If the second hinge connection fails, there is the risk that the engine compartment flap could become detached from the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The engine compartment flap could become detached from the vehicle.

Description of the Cause : A change to the outer frame of the engine compartment flap required an additional weld seam on the hinges. In some instances, this additional weld was not applied.

Identification of Any Warning that can Occur : If a close inspection of the engine compartment flap hinges were undertaken, cracking could be observed but otherwise there is no advance warning.

**Involved Components :**

Component Name  1 : NR

Component Description : NR

Component Part Number : NR

**Supplier Identification :**

**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

February 10, 2020: Discovery of missing welds on the engine compartment flap hinges during an internal quality check in production.

March to June 2020: Internal analysis to determine the cause of the missing welds. Investigation of possible affected markets and number of units by market.

June 29, 2018   EvoBus GmbH determined a safety defect existed in certain Setra motorcoaches

## Description of Remedy :

| | |
|---|---|
| Description of Remedy Program : | Check the welding seams on the hinge mountings of the engine compartment flap and, if necessary, re-weld or replace the engine compartment flap. |
| How Remedy Component Differs from Recalled Component : | The welding scope is completely carried out. |
| Identify How/When Recall Condition was Corrected in Production : | The additional welded seam was reflected in production documentation and added to the production weld inspections and checks in February 2020. |

## Recall Schedule :

| | |
|---|---|
| Description of Recall Schedule : | The repair procedure and customer notification will be mailed to affected Setra customers by August 28, 2020. |
| Planned Dealer Notification Date : | AUG 28, 2020 - AUG 28, 2020 |
| Planned Owner Notification Date : | AUG 28, 2020 - AUG 28, 2020 |

\* NR - Not Reported