

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



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

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