

Part 573 Safety Recall Report

21V-469

Manufacturer Name : Daimler Coaches North America**Submission Date :** JUN 23, 2021**NHTSA Recall No. :** 21V-469**Manufacturer Recall No. :** TI #: 75.00U21166A**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 : 530

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2009-2020 Setra S417

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on manufacturing records.

S417 model: 2009 m/y=1 vehicle. 2011 m/y=71 vehicles. 2012 m/y= 49 vehicles. 2013 m/y= 39 vehicles. 2014 m/y= 49 vehicles. 2015 m/y=38 vehicles. 2016 m/y=25 vehicles. 2017 m/y=29 vehicles. 2018 m/y=6 vehicles. 2019 m/y=32 vehicles. 2020 m/y=22 vehicles.

Production Dates : SEP 30, 2009 - JAN 31, 2020

VIN Range 1 : Begin : WKKA57PH893000004 End : WKKA574H2L3010362 Not sequential

Vehicle 2 : 2012-2019 Setra S407

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on manufacturing records.

S407 model: 2012 m/y= 55 vehicles. 2013 m/y= 21 vehicles. 2014 m/y= 25 vehicles. 2015 m/y=4 vehicles. 2016 m/y=10 vehicles. 2017 m/y=42 vehicles. 2018 m/y=6 vehicles. 2019 m/y=5 vehicles.

Production Dates : AUG 30, 2010 - JAN 31, 2019

VIN Range 1 : Begin : WKKA40PH8C3050001 End : WKKA404H7K3050171 Not sequential

Description of Defect :

Description of the Defect : During an internal effectiveness test to check the strength of the welding seams on the hinge mounting of the engine compartment flaps, it was found that cracking could occur on the welding seams over time. In the worst case, this could result in the engine compartment flap becoming detached from the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure could result in the engine compartment flap becoming detached from the vehicle and causing a hazard to other road users.

Description of the Cause : Long term durability issue from possible vibration, possible mis-alignment over time, excessive use of force to close the flap and possible corrosion.

Identification of Any Warning that can Occur : Possible cracking may be observed.

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 :

July 23, 2020 to May 12, 2021: Internal quality check of the strength of the welding seams on the engine compartment flaps for all models of coaches.

May to June 2021: Analysis of the test results and possible remedy solutions evaluated.

June 16, 2021: EvoBus GmbH determined a safety defect existed in certain Setra motorcoaches

Description of Remedy :

Description of Remedy Program : On the affected vehicles, a restraining tether will be securely attached to all engine compartment flaps.
There have been no reported cases of failed hinges or detached flaps, but should a customer have paid for a similar repair to the engine compartment flaps, they will be reimbursed under warranty.

How Remedy Component Differs from Recalled Component : The addition of the restraining tether itself.

Identify How/When Recall Condition was Corrected in Production : In February 2020, a qualitatively improved execution of the welding seams was introduced on the engine compartment flaps.

Recall Schedule :

Description of Recall Schedule : Dealer and customer notification in mid August 2021.

Planned Dealer Notification Date : AUG 16, 2021 - AUG 16, 2021

Planned Owner Notification Date : AUG 16, 2021 - AUG 16, 2021

* NR - Not Reported