

Part 573 Safety Recall Report

19V-798

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** NOV 06, 2019**NHTSA Recall No. :** 19V-798**Manufacturer Recall No. :** VS3KRAFMOD**Manufacturer Information :**

Manufacturer Name : Daimler Vans USA, LLC

Address : One Mercedes-Benz Drive
Sandy Springs GA 30328

Company phone : 854-888-3374

Population :

Number of potentially involved : 4,987

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Mercedes-Benz Sprinter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : DIESEL

Descriptive Information : Based on identification of a production error and analysis of the production information, the affected population was determined to be Sprinter (VS30, Platform 907) for the market NAFTA produced from August 30, 2018 to July 30, 2019. Vehicles outside of the scope of the population are assembled with a correctly closed bayonet lock.

Production Dates : AUG 30, 2018 - JUL 30, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 Freightliner Sprinter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : DIESEL

Descriptive Information : Based on identification of a production error and analysis of the production information, the affected population was determined to be Sprinter (VS30, Platform 907) for the market NAFTA produced from August 30, 2018 to July 30, 2019. Vehicles outside of the scope of the population are assembled with a correctly closed bayonet lock.

Production Dates : AUG 30, 2018 - JUL 30, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz and Freightliner vans, has determined that on certain Sprinter vehicles platform 907 (VS30) with diesel fuel systems, the bayonet lock between the fuel pump and the fuel tank may not have been closed and locked during the reassembly process.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the bayonet lock between the fuel pump and the fuel tank is not closed and locked according to specification, a leak between the fuel pump and the fuel tank could occur and a gas station fuel pump may not automatically stop once the respective tank fill level is reached.
If any diesel fuel were to leak from the fuel tank, it could increase the risk of injury to other road users.

Description of the Cause : NR

Identification of Any Warning that can Occur : If a leak occurs, the customer may see fuel droplets on the ground or smell diesel fuel in the vicinity of the vehicle.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

MBAG first became aware of the issue in Q2/2019 due to isolated field complaints in the US market.

MBAG commenced an investigation and implemented a recheck of vehicles at the facility. The investigation and analysis included torque studies on the effect on closing and opening the lock to and from the initial locking position and the potential consequences of the issue. MBAG’s evaluation included a review of the amount of fuel that could potentially leak and the potential impact of a leak during normal driving operation as well as in case of a crash. Due to the complexity of the complete tank and fuel system, analysis and evaluation was also conducted with respect the issue’s potential impact to the refilling process. MBAG’s analysis found diesel fuel is less reactive than other fuels and due to the location of the fuel tank, any fuel that may leak could not come into contact with a hot ignition source, thus precluding the potential for a fire.

On October 30, 2019, MBAG determined that a safety risk could not be ruled out and decided to initiate a recall

campaign.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz or Freightliner Sprinter dealer will check the bayonet lock on the fuel pump to determine if it has been correctly locked and will lock it correctly if necessary.

Pursuant to 49 C.F.R. § 577.11(e), Daimler Vans USA does not plan to provide notice about pre-notice reimbursement to owners since all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : An authorized Mercedes-Benz or Freightliner Sprinter dealer will check the bayonet lock on the fuel pump regarding correct locking and lock it correctly if necessary.

Identify How/When Recall Condition was Corrected in Production : Immediately after recognizing the issue, the vehicles in the Marshalling Yard were inspected and only approximately 1% of the vehicles were identified as having an unlocked fuel pump. An additional process check was instituted in late July 2019 and employees were retrained on the assembly procedure.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign approx. in November 2019. A copy of all communications will be provided when available.

Owners will be notified approximately one week after the recall launches to dealers.

Planned Dealer Notification Date : NOV 15, 2019 - NOV 15, 2019

Planned Owner Notification Date : DEC 20, 2019 - DEC 20, 2019

* NR - Not Reported