

Part 573 Safety Recall Report

21V-933

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** DEC 08, 2021**NHTSA Recall No. :** 21V-933**Manufacturer Recall No. :** VS3BAURAVE**Manufacturer Information :**

Manufacturer Name : Daimler Vans USA, LLC

Address : One Mercedes-Benz Drive
Sandy Springs GA 30328

Company phone : 8777628267

Population :

Number of potentially involved : 98

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 MERCEDES BENZ Sprinter

Vehicle Type :

Body Style : VAN

Power Train : NR

Descriptive Information : Based on the identification of a production error and analysis of the production information, the affected population was determined to be Sprinter (VS30, Platform 907) vehicles produced from March 30, 2021 to May 4, 2021 in the Charleston, SC plant.

Production Dates : MAR 30, 2021 - MAY 04, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2021-2021 FREIGHTLINER Sprinter

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Based on the identification of a production error and analysis of the production information, the affected population was determined to be Sprinter (VS30, Platform 907) vehicles produced from March 30, 2021 to May 4, 2021 in the Charleston, SC plant.

Production Dates : MAR 30, 2021 - MAY 04, 2021

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 vans, has determined that on certain Sprinter platform 907 vehicles (VS30) the rear part of the fender liner on the front axle could touch and chafe the brake hose.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the distance between the fender liner and the brake hose is not sufficient, the front wheel suspension could make contact with the brake hose, which could lead to chafing of the brake hose and the loss of brake fluid. Over time, if the operator were to ignore the brake fluid warning indicator and continue to operate the vehicle until the brake fluid runs dry, this could extend the vehicle's braking distance and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The driver may observe extended braking pedal travel and a soft brake pedal. The instrument cluster will indicate low brake fluid through illumination of a red warning message.

Involved Components :

Component Name 1 : Brake Hose

Component Description : Brake Hose Front Axle Left/Right

Component Part Number : A9074284200

Component Name 2 : Fender Liner

Component Description : Fender Liner Left

Component Part Number : A9076840200

Component Name 3 : Fender Liner

Component Description : Fender Liner Right

Component Part Number : A9076840300

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On March 18, 2020 MBAG launched recall number 20V181 concerning the subject "Brake hose front axle and fender liner" covering approximately 48,775 VS30 Sprinter vehicles (platform 907).

The remedy proceeded in several phases, as MBAG plants in Germany and in the US went through process and design revisions to optimize the solution.

During a Customer Product Audit (CPA) in the Charleston plant in April 2021, a Sprinter vehicle was determined to have a similar production error: the fender liner on the front axle touched and thus could chafe the brake hose.

MBAG initiated an investigation, and as a precautionary measure, immediately quarantined potentially affected in-production Sprinter Platform 907 vehicles. The Charleston plant inspected all vehicles quarantined for this potential error, and released them for sale after remedying the error.

The investigation determined that after the final design deviation approval in 2020, there was a delay in fully implementing that final change in the Charleston plant. The resulting fender liner-shell mismatch caused the fender liner to chafe against the brake line in some vans produced in Charleston.

In June 2021, MBAG started an additional analysis to determine the period and the potentially affected vehicle population.

Based on this analysis, on November 24, 2021, MBAG decided that a safety related concern could not be ruled out for approximately 98 vans produced at the Charleston plant in the spring of 2021. As a result, MBAG will initiate a recall of affected VS30 Sprinter vehicles.

Description of Remedy :

Description of Remedy Program : Mercedes-Benz customers affected by this measure will be informed about the recall and the necessary next steps in writing and will receive advance notice through an interim customer notification.

An authorized Mercedes-Benz Sprinter dealer will check the condition and clearance of the brake hoses and, if necessary, replace them and trim the corresponding fender liner.

Pursuant to 49 C.F.R. § 577.11(e), Daimler Vans 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 Sprinter dealer will check the condition and clearance of the brake hoses and, if necessary, replace them and trim the corresponding fender liner.

Identify How/When Recall Condition was Corrected in Production : In May 2021, it was ensured in the Charleston plant that fender liner and brake hose are mounted in the correct position.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign approximately in January 2022. A copy of all communications will be provided to NHTSA when available. Owners will be notified approximately one week after the recall launches to dealers.

Planned Dealer Notification Date : JAN 17, 2022 - JAN 17, 2022

Planned Owner Notification Date : JAN 24, 2022 - JAN 24, 2022

* NR - Not Reported