

Part 573 Safety Recall Report

19V-121

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** FEB 22, 2019**NHTSA Recall No. :** 19V-121**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Daimler Vans USA, LLC

Address : One Mercedes-Benz Drive
Sandy Springs GA 30328

Company phone : 854-888-3214

Population :

Number of potentially involved : 1,197

Estimated percentage with defect : 40 %

Vehicle Information :

Vehicle 1 : 2019-2019 Mercedes-Benz Sprinter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : DIESEL

Descriptive Information : Daimler AG became aware of this issue by a notification through the development department in December 2018. Based on production information, the affected population was determined to be VS30 Sprinter (Platform 907) with LED rear lamps being produced for the NAFTA market from start of production until implementation of the updated software of the control unit body controller on January 4, 2019.

Production Dates : AUG 01, 2018 - JAN 04, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Daimler AG ("DAG"), the manufacturer of Mercedes-Benz vans, has determined that in certain Mercedes-Benz Sprinter vehicles (VS30, Platform 907) in the NAFTA market are equipped with LED rear fog lamps that may not be activated despite the vehicle's rear fog light switch being in the "on" position. In such circumstances the corresponding display would appear in the instrument cluster indicating the rear fog lamp is on, despite the lamp being deactivated.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In case of failure, the rear fog lamp could be activated late or possibly not at all. This would mean that the intended enhanced visibility of the vehicle for other road users (e.g. in foggy conditions) would not be achieved. In this case, the safety expectations of the customer in respect to a functioning rear fog lamp would not be met.

Description of the Cause : A possible error in the control unit body controller involving a pulse width

modulated signal has been identified as the cause of the subject issue. For vehicles with the configuration for the NAFTA market, the actuation duration of the control unit is shortened due to an increased carrier frequency compared to the configurations for other markets. The minimum pulse length required by the LED rear light to switch on the rear fog lamp is only reached below a vehicle electrical system voltage of 14.1 volts. Since the vehicle electrical system voltage in the possibly affected vehicles could also be higher, it cannot be ruled out for these cases that the rear fog lamp is not activated.

Identification of Any Warning that can Occur : A customer does not receive any advance warning.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Daimler AG became aware of this issue by a notification through the development department in December 2018.

Upon identification, analysis and evaluation as to the cause and impact of this issue were commenced.

On February 18, 2019, based on the preceding analysis and evaluation Daimler AG determined that a safety risk could not be ruled out and decided to initiate a recall campaign.

To date Daimler AG is not aware of any complaints concerning this matter from the field.

Description of Remedy :

Description of Remedy Program :

An authorized Mercedes-Benz or Freightliner Sprinter dealer will update the software settings of the control unit body controller for the potentially affected vehicles.

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 :

N/A

Identify How/When Recall Condition was Corrected in Production :

As part of an internal factory campaign, the vehicles, which still were in factory access, were blocked, checked and, if necessary, reworked immediately after the fault was detected. Furthermore, the corrected software of the body controller control unit was implemented on January 4, 2019, which ensures the desired activation of the rear fog lamp when switching on.

Recall Schedule :

Description of Recall Schedule : Owners will be notified approximately one week after the recall launch to the dealers

Dealers will be notified of the pending voluntary recall campaign in March 2019. A copy of all communications will be provided when available.

Planned Dealer Notification Date : APR 12, 2019 - APR 12, 2019

Planned Owner Notification Date : APR 19, 2019 - APR 19, 2019

* NR - Not Reported