

Part 573 Safety Recall Report

17V-651

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** OCT 16, 2017**NHTSA Recall No. :** 17V-651**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Daimler Vans USA, LLC

Address : 303Perimeter Center North
Suite 202 Atlanta GA 30346

Company phone : 8548883214

Population :

Number of potentially involved : 109

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Mercedes-Benz Metris

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Daimler AG became aware of this issue in June 2017 being alerted by the component supplier. The affected population was determined as being produced in the period of time in between the relevant dates of machine maintenance and the sorting activities. The vehicles concerned can be identified based on production information.

Production Dates : JUN 06, 2017 - JUN 10, 2017

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 on certain Metris vehicles the retaining rings of the wheel bearings on the front axle might not have been seated correctly. The retaining rings might extend from the steering knuckles and it cannot be ruled out that they might move out of position. The wheel bearing might move in its pressed position while the brake disk is held by the brake caliper.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of failure, the loss of a wheel and the occurrence of unpredictable driveability cannot be ruled out completely. Consequently, the risk of a crash might be increased.

Description of the Cause : During the pressing process of the wheel bearing into the steering knuckle by the component supplier, the retaining rings on the potentially affected vehicles might have not been seated correctly and might extend from the steering knuckles. The situation is a result of machine maintenance activities on the

affected production line, which could have adversely affected the pressing process.

Identification of Any Warning that can Occur : In the event of wheel bearing displacement, a detected ABS-sensing error will trigger a warning notification in the instrument cluster and furthermore, the driver is warned through noises from the service brake. A short term occurrence of the failure is not expected.

Supplier Identification :

Component Manufacturer

Name : Fagor Ederlan, S.Coop.

Address : Post box 10

orrebaso Pasealekua 7 Eskoriatza (Gipuzkoa), FOREIGN STATES 20540

Country : Spain

Chronology :

Daimler AG became aware of this issue mid of June 2017 through notification by the component supplier. As a result of prompt reaction, Daimler was able to quickly identify affected components and vehicles in the plant. Within immediate action, sorting of the already produced components was initiated on-site at the supplier. The sub-supplier was requested to check whether the retaining ring is delivery as specified.

As a consequence of a first technical analysis initiated by Daimler through mid-July, a working group was initiated to examine possible technical risks, to determine the exact range of affected components and to clearly analyze the scope of vehicles possibly affected.

In October 2017, DAG determined that a potential safety risk cannot be ruled out.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz Metris dealer will check the correct positioning of the retaining rings (A 447 330 06/07 20 | A 447 330 00/01 20 | A 447 330 02/03 20) on the wheel bearings on the front axle of the affected vehicles and correct their position in the cases it is needed. 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 : NR

Identify How/When Recall Condition was Corrected in Production : Within immediate action, sorting of the already produced components was initiated on supplier site and a 100% visual inspection of the retaining ring placement was integrated into the control plan. An automated visual inspection is currently under technical evaluation.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign approximately in November 2017. A copy of all communications will be provided when available.

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

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported