

Part 573 Safety Recall Report

20V-167

Manufacturer Name : Thor Motor Coach

Submission Date : MAR 19, 2020

NHTSA Recall No. : 20V-167

Manufacturer Recall No. : RC000186



Manufacturer Information :

Population :

Manufacturer Name : Thor Motor Coach

Number of potentially involved : 85

Address : PO Box 1486

Estimated percentage with defect : 20 %

701 County Road 15 Elkhart IN 46515

Company phone : 877-500-1020

Vehicle Information :

Vehicle 1 : 2019-2020 Aria 3401, 3601, 3901, 3902

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : - Certain vehicles equipped with air disc brakes with incomplete production caliper torque data manufactured at the York Axle Manufacturing Plant.
-62 Aria units are affected by this recall.

Production Dates : OCT 03, 2018 - MAY 31, 2019

VIN Range 1 : Begin : 4UZAB2FC0KCLF3388 End : 4UZACHFEXKCLG7283 ☒ Not sequential

Vehicle 2 : 2019-2020 Venetian G36, J40, L40, M37, R40, S40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : - Certain vehicles equipped with air disc brakes with incomplete production caliper torque data manufactured at the York Axle Manufacturing Plant.
- 23 Venetian Units are affected by this recall.

Production Dates : OCT 03, 2018 - MAY 31, 2019

VIN Range 1 : Begin : 4UZAB2FC0KCLF3388 End : 4UZACHFEXKCLG7283 ☒ Not sequential

Description of Defect :

Description of the Defect : On certain vehicles, the brake caliper bolts may be incorrectly torque. This could result in caliper bolts loosening.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficiently torqued bolts may not provide adequate clamping force

Description of the Safety Risk : between the brake caliper and brake anchor plate, potentially resulting in reduced brake effectiveness. Reduced brake effectiveness could lead to a vehicle crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Daimler Trucks North America LLC

Address : PO Box 4090

Portland OREGON 97208

Country : United States

Chronology :

- Late October 2019 - DTNA received a report of a damaged wheel end from a loose brake caliper.
- Late November 2019 – DTNA reviewed warranty data and found six reports indicating vehicles with under torqued calipers.
- December 2019 – DTNA conducted a field inspection of 35 vehicles. The inspection identified five vehicles with under torqued caliper mounting bolts.
- January 2020 to February 2020 – The supplier provided caliper torque data on all axles assembled at the axle manufacturing plant. The torque data was reviewed and it was determined that the vehicles with reported failures did not have complete torque data. Due to the absence of this data, DTNA could not fully analyze the caliper mounting bolt issue for the identified vehicles.
- February 2020 – Out of an abundance of caution, DTNA decided to initiate a voluntary safety recall for vehicles equipped with air disc brakes and incomplete production caliper torque data.
- March 16, 2020 – TMC was notified by DTNA of the recall.

Description of Remedy :

Description of Remedy Program : Potentially affected vehicles will be inspected and repaired as necessary. Repairs will be performed by Daimler Trucks North American authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : DTNA will notify the dealers and owners of the recreational vehicles by letter. This recall is being issued to allow owners & dealer to find recall information based upon the final stage manufacturer's name in the event of a search. DTNA has issued a recall (20V-127/FL845) and their recall will satisfy the regulatory notification requirements for both owners and dealers. DTNA will be reporting response rates for their recall and Thor Motor Coach will NOT be duplicating this reporting.

Planned Dealer Notification Date : MAY 19, 2020 - MAY 19, 2020

Planned Owner Notification Date : MAY 19, 2020 - MAY 19, 2020

* NR - Not Reported