

Part 573 Safety Recall Report

20V-559

Manufacturer Name : Thor Motor Coach**Submission Date :** SEP 15, 2020**NHTSA Recall No. :** 20V-559**Manufacturer Recall No. :** RC000204**Manufacturer Information :****Population :**

Manufacturer Name : Thor Motor Coach

Number of potentially involved : 1,631

Address : PO Box 1486

Estimated percentage with defect : 4 %

701 County Road 15 Elkhart IN 46515

Company phone : 877-500-1020

Vehicle Information :

Vehicle 1 : 2018-2021 Thor Motor Coach Aria

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and combination.
 -Units included in recall have a valve stem extension on the inner wheel that may contact the outer wheel rim opening.
 -752 Aria motorhomes are included in recall scope.

Production Dates : MAY 03, 2017 - AUG 12, 2020

VIN Range 1 : Begin : 4UZAAJFC0JCJS5097 End : 4UZACJFCXLCMH9878 Not sequential

Vehicle 2 : 2018-2021 Thor Motor Coach Palazzo

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and combination.
 -Units included in recall have a valve stem extension on the inner wheel that may contact the outer wheel rim opening.
 -648 Palazzo motorhomes are included in recall scope.

Production Dates : MAY 03, 2017 - AUG 12, 2020

VIN Range 1 : Begin : 4UZAAJFC0JCJS5097 End : 4UZACJFCXLCMH9878 Not sequential

Vehicle 3 : 2018-2021 Thor Motor Coach Tuscany

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and combination.
-Units included in recall have a valve stem extension on the inner wheel that may contact the outer wheel rim opening.
-66 Tuscany motorhomes are included in recall scope.

Production Dates : MAY 03, 2017 - AUG 12, 2020

VIN Range 1 : Begin : 4UZAAJFC0JCJS5097 End : 4UZACJFCXLCMH9878 Not sequential

Vehicle 4 : 2018-2021 Thor Motor Coach Venetian

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and combination.
-Units included in recall have a valve stem extension on the inner wheel that may contact the outer wheel rim opening.
-165 Venetian motorhomes are included in recall scope.

Production Dates : MAY 03, 2017 - AUG 12, 2020

VIN Range 1 : Begin : 4UZAAJFC0JCJS5097 End : 4UZACJFCXLCMH9878 Not sequential

Description of Defect :

Description of the Defect : On affected motorhomes, the tire valve stem extension for the inner wheel may contact the outer wheel rim opening and become damaged. Extensive damage to the valve stem extension may result in a loss of tire pressure of the inner wheel.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Motorhome vehicle drivers may not be required to hold a commercial driver's license and daily pre-trip inspections may not be required which would enable early detection of the issue. The potentially affected chassis population may not be equipped with a factory tire pressure monitoring system and visual inspection of the inner tire on a single drive axle motorhome is difficult due to the close proximity of the motorhome body. Due to the high failure rate and reduced detectability, a loss of air pressure in the inner tire on a vehicle with a single drive axle may result in an overload outer tire. While DTNA has not received any reports of an incident related to this defect, extended driving with an overloaded tire may increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Operators may identify an audible rattling noise from the stem extension rubbing against the wheel opening while driving. Visual inspection during inspection of during maintenance may reveal stabilizer is dislocated, damage to the stem extension, or the rim, and low tire pressure of the inner tire.

Involved Components :

Component Name 1 : Wheel/rim outer

Component Description : NR

Component Part Number : ACC40620 in combination with inner ACC50487 or ACC51487

Component Name 2 : Extension stabilizer

Component Description : NR

Component Part Number : 13-10232-00

Component Name 3 : Stem extension

Component Description : NR

Component Part Number : 13-10026-000

Component Name 4 : Valve Stem

Component Description : NR

Component Part Number : 13-10303-000

Supplier Identification :

Component Manufacturer

Name : Daimler Trucks North America LLC

Address : PO BOX 4090

Portland OREGON 97208

Country : United States

Chronology :

January 2020- NHTSA notified DTNA of an owner questionnaire that may be related to FL764. Also in January 2020, DTNA opened an investigation to review the report, additional warranty claims, and re-evaluate the scope of FL764.

February to June 2020- DTNA held on-going monthly reviews sharing details with the NHTSA ODI regarding warranty claims, VOQ's, and returned part analysis.

July 2020- DTNA further expanded the warranty analysis to include multiple configurations and a larger vehicle population for DTNA internal review.

August 2020 – During DTNA's continuing efforts to analyze date it was determined that the complaints were isolated to configuration involving a certain valve stem when configured with certain outer and inner wheels.

On-going investigation continues to determine the root cause(s) of failure for the configuration. In an abundance of caution due to the expected failure rate of 4%, DTNA decided to initiate a voluntary recall to campaign certain motorhome chassis equipped with a valve stem extension and stabilizer configure with a specific tire valve stem and wheel combinations.

September 9, 2020 – Thor Motor Coach was notified by DTNA of upcoming recall.

Description of Remedy :

Description of Remedy Program : Repairs will be performed by DTNA 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-529/FL861) 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 : NOV 15, 2020 - NOV 15, 2020

Planned Owner Notification Date : NOV 15, 2020 - NOV 15, 2020

* NR - Not Reported