

Part 573 Safety Recall Report

18V-567

Manufacturer Name : MAC Trailer Mfg., Inc.**Submission Date :** AUG 28, 2018**NHTSA Recall No. :** 18V-567**Manufacturer Recall No. :** 10-70-001 2018**Manufacturer Information :**

Manufacturer Name : MAC Trailer Mfg., Inc.

Address : 14599 Commerce Street

Alliance OH 44601

Company phone : 999

Population :

Number of potentially involved : 424

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2019-2019 MAC Trailer dump trailers and waste trailers

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : List of possibly defective axles from supplier AXN mapped back to trailers manufactured with those specific axle serial numbers installed.
Trailers that did not include AXN axles with Pro-Torque nuts were not included.

Dump trailers affected were about 195

Waste trailers affected were about 229

Production Dates : JAN 01, 2018 - JUL 31, 2018

VIN Range 1 : Begin : 5mada2746kc042802 End : 5madn283xkc050234

 Not sequential

VIN Range 2 : Begin : 5mamn4820kw043438 End : 5mada283xkw050020

 Not sequential**Description of Defect :**

Description of the Defect : Improperly installed wheel end nut locking device on fully dressed axles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The wheel end could separate from the axle.

Description of the Cause : Vendor installed improperly the locking mechanism on the Pro-Torque Nut Locking Ring. Axles were purchased as fully complete assembly including wheel ends.

Identification of Any Warning that can Occur : Leaking wheel seal.
Excessive wheel wobble.

Supplier Identification :**Component Manufacturer**

Name : AXN Heavy Duty

Address : 5534 National Turnpike
Louisville KENTUCKY 40214

Country : United States

Chronology :

On May 24, 2018 MAC was notified of a wheel end separating from an axle on a Waste trailer in Kent, Washington. We inspected other trailers for customer and found no issues. Treated as a one-time occurrence and warranted the trailer with AXN.

On July 30, 2018 MAC was notified of a wheel end separating from a new trailer in transit from the MFG plant to the customer Rochester, NY. MAC repaired trailer and contacted AXN for warranty.

On August 2, 2018 MAC was notified of a third wheel end separating from its axle at Liberty Kenworth in Swedesboro, NJ. MAC replaced entire axle assembly complete with wheel ends. Submitted to AXN for warranty.

On August 20, 2018 a fourth wheel end separated from unit in service at Duffield Hauling in King George, VA. MAC replaced entire axle assembly complete with wheel ends. Submitted to AXN for warranty.

On August 22, 2018 a fifth wheel end partially separated from its axle for Silvarole Trucking in Rochester, NY. The axle and wheel end was repaired with a new Protorque wheel nut.

On August 22, 2018 AXN representatives came to MAC Trailer in Alliance Ohio and announced they had a wheel end problem and would identify all of the possibly defective axles sold to MAC Trailer.

AXN provided the list of possibly defective axles to MAC on August 27, 2018.

Description of Remedy :

Description of Remedy Program :	AXN provided inspection procedure to identify improperly installed retaining clip on their Pro Torque nuts. AXN described to MAC an improperly trained employee installing these retaining clips in their factory and insufficient quality inspection procedures to identify the defect before it left their factory, They have since changed their procedures and discontinued use of this style, Pro Torque Locking Nut.
How Remedy Component Differs from Recalled Component :	The remedy is to insure the retaining clip is properly installed (fully seated) in the Pro Torque Nut mechanism. There is no component or part number change.
Identify How/When Recall Condition was Corrected in Production :	On or about the week of August 20, 2018 all AXN axles with Pro Torque Locking Nuts still in inventory or installed on trailers still on site at MAC facilities were all visually inspected using the AXN inspection process. Our vendor AXN has since changed their procedures and discontinued use of this style, Pro Torque Locking Nut. AXN has made a running change from pro torque nuts to the new zip torque nuts effective 7/27/2018.

Recall Schedule :

Description of Recall Schedule :	On August 28, 2018 we have completed the identification of all MAC Trailer VIN's with the possibly defective axles. We would like to notify dealers and customers ASAP.
Planned Dealer Notification Date :	AUG 29, 2018 - SEP 14, 2018
Planned Owner Notification Date :	AUG 29, 2018 - SEP 21, 2018

* NR - Not Reported