

Part 573 Safety Recall Report

19V-552

Manufacturer Name : MMDi, Inc.
Submission Date : JUL 25, 2019
NHTSA Recall No. : 19V-552
Manufacturer Recall No. : NR

**Manufacturer Information :**

Manufacturer Name : MMDi, Inc.
Address : 200 Beltway Blvd.
 Matthews NC 28104
Company phone : 882-4550

Population :

Number of potentially involved : 120
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 MMDi Cummins 'G' trailer A057P788
Vehicle Type : TRAILERS
Body Style :
Power Train : NR

Descriptive Information : This recall involves a TOWKING branded 12K jack (part number 701140F) which was bolted onto the tongue of large generator trailers manufactured by MMDi, Inc. On or about May 24, 2019, MMDi was notified by its customer (Cummins Power Generation) that one of their customers (to whom a Cummins generator was sold mounted on an MMDi trailer) had a jack handle fall off. MMDi immediately began an investigation into the cause, safety risk and scope of the identified issue. MMDi determined that the jack at issue was a TOWKING brand jack and that MMDI purchased only one order of 120 of these jacks from a TOWKING distributor based in the United States. All but 3 of these jacks were installed onto trailers manufactured for Cummins Power Generation. The other three jacks were shipped as fulfillment of a parts order to United Rentals in Beacon Falls, CT.

The TOWKING jack manufacturer's bill of materials specifies that the jack handle be held in place with a 6 mm, grade 5 bolt and fastened with a nylon locking nut. However, the nut used to fasten the bolt handle sleeve to the jack was a standard nut, not a nylon locking nut as required in the specifications. There is a risk that this standard nut will work loose, causing the bolt sleeve to slip out of position and thereby allowing the jack handle to separate from the jack assembly and the foot of the jack to drop to the pavement.

On June 3, 2019, after a teleconference with Cummins's safety and compliance personnel, MMDi concluded that a safety-related problem likely existed with the problem jack and decided to initiate a recall. Also on June 3, 2019, MMDi cancelled its purchase order for additional TOWKING jacks and is currently sourcing jacks for MMDi trailers elsewhere.

Production Dates : MAR 22, 2019 - APR 23, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The TOWKING jack manufacturer's bill of materials specifies the jack handle be held in place with a 6 mm, grade 5 bolt and fastened with a nylon locking nut. However, the nut used to fasten the bolt handle sleeve to the jack was a standard nut, not a nylon locking nut as required in the specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is a risk that this standard nut will work loose, causing the bolt sleeve to slip out of position and thereby allowing the jack handle to separate from the jack assembly and the foot of the jack to drop to the pavement.

Description of the Cause : The TOWKING jack manufacturer's bill of materials specifies the jack handle be held in place with a 6 mm, grade 5 bolt and fastened with a nylon locking nut. However, the nut used to fasten the bolt handle sleeve to the jack was a standard nut, not a nylon locking nut as required in the specifications.

Identification of Any Warning that can Occur : Likely none, unless a field tech notices a loose nut.

Supplier Identification :**Component Manufacturer**

Name : Intradin (Shanghai) Hardware Co., Ltd.

Address : Room 505, 58 Huancheng East Road, Fengxi
Shanghai FOREIGN STATES 201401

Country : China

Chronology :

On or about May 24, 2019, MMDi was notified by its customer (Cummins Power Generation) that one of their customers (to whom a Cummins generator was sold mounted on an MMDi trailer) had a jack handle fall off.

MMDi immediately began an investigation into the cause, safety risk and scope of the identified issue. MMDi determined that the jack at issue was a TOWKING brand jack and that MMDI purchased only one order of 120 of these jacks from a TOWKING distributor.

Working with the TOWKING distributor here in the United States (RS Supply), MMDi determined that the jack manufacturer's bill of materials specifies that the jack handle be held in place with a 6 mm, grade 5 bolt and fastened with a nylon locking nut. However, the nut used in the factory to fasten the bolt handle to the jack was a standard nut, not a nylon locking nut as required in the specifications. MMDi and Cummins therefore concluded that this was not a "one off" issue and that there is a risk that this standard nut used on all 120 jacks purchased by MMDi could work loose, causing the bolt sleeve to slip out of position and thereby allowing the jack handle to dislocate from the jack assembly and the foot of the jack to drop to the pavement.

On June 3, 2019, after a teleconference with Cummins's safety and compliance personnel, MMDi concluded that a safety-related problem likely existed with the problem jack and decided to initiate a recall. Also on June 3, 2019, MMDi cancelled its purchase order for additional TOWKING jacks and is currently sourcing jacks for its trailers elsewhere.

Description of Remedy :

Description of Remedy Program : Cummins will issue a safety campaign bulletin through its service network. Cummins will provide MMDi with owner addresses for trailers sold to customers that left Cummins control and have not been repaired by the date of an owner mailing from MMDi. MMDi's owner mailing will provide a nylon locking nut to replace the standard nut used by the jack manufacturer together with specific work instructions for replacing the nut. While replacing a standard nut with a locking nut is a very simple operation, MMDi will include in the covering explanatory memorandum an offer to reimburse the end customer for any labor involved in replacing the nut.

How Remedy Component Differs from Recalled Component : The remedy component is a nylon locking nut, replacing a standard nut.

Identify How/When Recall Condition was Corrected in Production : On June 3, 2019, MMDi cancelled its purchase order for additional TOWKING jacks and is currently sourcing jacks for MMDi trailers elsewhere. MMDi has not used TOWKING jacks in production other than the 120 TOWKING jacks subject to this recall.

Recall Schedule :

Description of Recall Schedule : The timing of owner notification will be determined in consultation with MMDi's customer, Cummins Power Generation. Owner notification by MMDi will commence promptly after the receipt of a comprehensive list of owner addresses.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 25, 2019 - JUL 25, 2019

* NR - Not Reported