

Part 573 Safety Recall Report

17V-525

Manufacturer Name : Crane Carrier Company**Submission Date :** SEP 27, 2017**NHTSA Recall No. :** 17V-525**Manufacturer Recall No. :** 17E041**Manufacturer Information :**

Manufacturer Name : Crane Carrier Company

Address : 12536 E. 52nd St

Tulsa OK 74146

Company phone : 9182862300

Population :

Number of potentially involved : 61

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2016 Crane Carrier LET2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The issue potentially affects tie rod attachment point specifically, the tie rod taper joint-to-knuckle attachment -- in certain steer axles manufactured for commercial vehicles and distributed by Dana.

Production Dates : MAY 01, 2015 - MAY 01, 2016

VIN Range 1 : Begin : 1cyccl587fn051445 End : 1h9abaac4g1674369

 Not sequential**Description of Defect :**

Description of the Defect : In affected steer axles, the castellated nut and cotter pin may not have been torqued to expected torque. As a result, the tie rod may become loose in the steer axle, causing significant auditory warning and /or looseness in steering. If a vehicle operator continues to operate the vehicle in spite of this advanced warning, the tie rod may in rare instances become disconnected from the knuckle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the tie rod disconnects from the steering knuckle, the driver may lose full control of a vehicle wheel (normally the right front tire).

Description of the Cause : The castellated nuts in the tie rods may not have been properly torqued during assembly.

Identification of Any Warning that can Occur : Before a tie rod can disconnect from the vehicle, a driver should experience significant warning, including noise and loosened steering.

Supplier Identification :

Component Manufacturer

Name : Dana Incorporated
Address : 6515 Maumee Western Road
Maumee OHIO 43537
Country : United States

Chronology :

On 8/25/2017, we received an email from Dana warranty director Raymond Gardner. Attached to the e-mail was Dana's Part 573 report, an OEM notification letter, and a list of affected axle serial numbers. By computer search we are determining which chassis' received the recalled axles and will provide that information once our research is complete. Dana states, " On or about May 24, 2017, Dana received a report from a customer that a tie rod had become loose on a vehicle while being driven, which caused the vehicle's tire to separate from the wheel, and the vehicle to slide to a stop. Dana expedited return of the vehicle's steer axle to it, and promptly initiated a diligent investigation to assess the potential issue. as part of Dana's analysis , it collected warranty information from its own records and records of its customers. Dana's data review of this past week led to this report. Dana's investigation is ongoing. Out of an abundance of caution, Dana makes this preliminary report, and welcomes dialogue with and input from the agency."

Description of Remedy :

Description of Remedy Program :	Dana has requested Crane Carrier notify each customer which may have in their possession one of the affected axles following the documentation provided by Dana. Crane Carrier has agreed to notify their customers. Dana will provide the remedy via their Real Time Warranty Network and will report status back to Crane Carrier. Dana states, "Dana intends to inspect all units in the field to ensure that the castellated nuts in the tie rods are properly torqued, and will tighten nuts that are not. Dana will replace the tie rod stud and knuckle on units in which the nuts cannot be sufficiently torqued." Dana will provide all quarterly reports to NHTSA.
How Remedy Component Differs from Recalled Component :	The inspection campaign will check and (where needed) correct torquing and will replace parts damaged.
Identify How/When Recall Condition was Corrected in Production :	Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

Recall Schedule :

Description of Recall Schedule : Crane Carrier intends to begin notifications for this inspection campaign in or August, 2017.
Planned Dealer Notification Date : AUG 28, 2017 - SEP 01, 2017

Planned Owner Notification Date : AUG 28, 2017 - SEP 01, 2017

* NR - Not Reported