

Part 573 Safety Recall Report

17V-533

Manufacturer Name : Autocar, LLC**Submission Date :** AUG 29, 2017**NHTSA Recall No. :** 17V-533**Manufacturer Recall No. :** ACX-1703**Manufacturer Information :****Population :**

Manufacturer Name : Autocar, LLC

Number of potentially involved : 85

Address : 551 S WASHINGTON STREET
HAGERSTOWN IN 47346

Estimated percentage with defect : NR

Company phone : 765-489-5499

Vehicle Information :

Vehicle 1 : 2015-2016 Autocar Xpeditor

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : As set forth in Dana's 17E041 notice to NHTSA, the issue potentially affects the 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. Dana provided affected serial number list.

Production Dates : MAR 02, 2015 - AUG 24, 2015

VIN Range 1 : Begin : 5VCACSVF9FH219850 End : 5VCACSSF2GH221140 Not sequential**Description of Defect :**

Description of the Defect : As set forth in Dana's 17E041 notice to NHTSA, 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 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 : As set forth in Dana's 17E041 notice to NHTSA, 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 : As set forth in Dana's 17E041 notice to NHTSA, the castellated nuts in the tie rods may not have been properly torqued during assembly.

Identification of Any Warning : As set forth in Dana's 17E041 notice to NHTSA, before a tie rod can disconnect from the vehicle, a driver should experience significant warning, including

that can Occur : noise and loosened steering.

Supplier Identification :

Component Manufacturer

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

Chronology :

As set forth in Dana's 17E041 report to NHTSA, 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. On August 23, 2017, Autocar first received notice of Dana's recall via e-mail from Dana's Director of Global Warranty. Autocar timely makes this submission pursuant to 49 CFR 573.3(f) and 49 CFR 573.6.

Description of Remedy :

Description of Remedy Program :	As set forth in Dana's 17E041 report to NHTSA, 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.
How Remedy Component Differs from Recalled Component :	As set forth in Dana's 17E041 report to NHTSA, the inspection campaign will check and (where needed) correct torquing and will replace parts damaged.
Identify How/When Recall Condition was Corrected in Production :	As set forth in Dana's 17E041 report to NHTSA, Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

Recall Schedule :

Description of Recall Schedule : Owner and dealer notification letters will begin by September 20, 2017 and end September 21, 2017.

Planned Dealer Notification Date : SEP 20, 2017 - SEP 21, 2017

Planned Owner Notification Date : SEP 20, 2017 - SEP 21, 2017

* NR - Not Reported