

Part 573 Safety Recall Report

17V-553

Manufacturer Name : Seagrave Fire Apparatus, LLC**Submission Date :** SEP 06, 2017**NHTSA Recall No. :** 17V-553**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Seagrave Fire Apparatus, LLC

Address : 105 East 12th Street

Clintonville WI 54929

Company phone : 715-823-2141

Population :

Number of potentially involved : 2

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Seagrave FDNY Aerialscope 75FT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : 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.

Production Dates : MAR 01, 2017 - MAY 17, 2017

VIN Range 1 : Begin :

NR

End : NR

 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 Inc.
Address : 2001 Eastwood Drive
Sterling ILLINOIS 61081
Country : United States

Chronology :

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 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 : 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 : Dana intends to begin notifications for this inspection campaign in or about August 2017.

Planned Dealer Notification Date : SEP 06, 2017 - SEP 08, 2017

Planned Owner Notification Date : SEP 06, 2017 - SEP 08, 2017

* NR - Not Reported