

Part 573 Safety Recall Report

17V-540

Manufacturer Name : E-One Incorporated**Submission Date :** AUG 31, 2017**NHTSA Recall No. :** 17V-540**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : E-One Incorporated

Address : 1601 S.W. 37TH AVENUE

Ocala FL 34474

Company phone : (904) 237-1122

Population :

Number of potentially involved : 5

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2015 E-One Cyclone 2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Cyclone 2 Cab vehicles with Dana Spicer axles, where the axle was manufactured between March 1, 2015 and May 17, 2015.

Production Dates : AUG 22, 2014 - NOV 14, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2015-2015 E-One Quest 2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Quest 2 cab vehicles produced using Dana axles with serial numbers from the identified recall period.

Production Dates : OCT 23, 2015 - OCT 23, 2015

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Dana has informed E-One that there is a potential issue in the tie rod attachment that connects the tie rod taper joint to the knuckle in certain steer axles. In those subject steer axles that are affected, the tie rod can become loose, which should cause significant auditory warning and/or looseness in steering.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a vehicle operator continues to operate the vehicle in spite of this warning, the tie rod may disconnect from the steering knuckle, which could cause the driver to lose full control of a vehicle (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 : Should cause significant auditory warning and/or looseness in steering

Supplier Identification :

Component Manufacturer

Name : Dana Spicer
Address : PO BOX 1000
Maumee OHIO 43537
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 led to this report. E-One passed through the recall to its customers after determining there were 5 vehicles affected.

Description of Remedy :

Description of Remedy Program : E-One 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. E-One 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 : 1) Receive recall number from NHTSA

- 2) Receive approval of draft notification letter.
- 3) Send letters.
- 4) Repair vehicles as needed.

Planned Dealer Notification Date : OCT 21, 2017 - OCT 28, 2017

Planned Owner Notification Date : OCT 21, 2017 - OCT 28, 2017

* NR - Not Reported