

Part 573 Safety Recall Report

16V-737

Manufacturer Name : E-One Incorporated**Submission Date :** APR 20, 2017**NHTSA Recall No. :** 16V-737**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 : 17

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2016 E-ONE PUMPER

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : This recall affects Ford F-550 E-One modified chassis with driveline-driven ("split-shaft") pumps only.

Production Dates : JAN 01, 2012 - JUN 23, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Above 65 MPH, some pump bearings or drive shafts may experience high vibration levels. As a result of continued high vibration, the drive shafts or pump bearings could become loose and/or fail, possibly causing debris, defective fire pump, or a loss of vehicle control.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As a result of continued high vibration, the drive shafts or pump bearings could become loose and/or fail, possibly causing debris, defective fire pump, or a loss of vehicle control. E-One is aware of 3 driveshaft failures that occurred in 2016. No accidents or injuries have been reported.

Description of the Cause : Excess stresses due to acceleration beyond component design to driveshaft joints between the transmission and pump.

Identification of Any Warning that can Occur : Heavy shaking/vibration radiating from below the cab can precede damage to bearings and/or driveshafts.

Supplier Identification :

Component Manufacturer

Name : E-One

Address : 1601 SW 37th AVE
 Ocala Florida 34474

Country : United States

Chronology :

- 1) Driveshaft failures reported under warranty claim. On 09/15/2016 E-One began investigation of the issue after identifying 2 trucks with driveline-related warranty issues.
- 2) Inspection of failures determined vehicles were capable of going above NFPA limits. 09/15/16
- 3) Driveline analysis showed the possibility for excessive stresses possible with F550's with driveline driven pumps when vehicle shafts spin at speeds beyond NFPA limits. 09/29/16.
- 4) E-One decided to create a recall for speed limitation similar to its other vehicles 10/13/2016.

Description of Remedy :

Description of Remedy Program : E-One suggests trucks affected by this recall be taken to the nearest Ford dealership, where electronic speed limiting to 65 MPH can be performed. E-One will compensate the dealer or owner as listed below for the work. Upon receipt of each completed OWNER RESPONSE CARD, E-One will provide reimbursement of \$389.95 as follows:

2-hours travel time @ \$100/hour	\$200
Ford Dealership - maximum 1 hour repair time @ \$100/hour	
\$100	
Ford Dealership – Recalibrate PCM for Speed Limiter (change to 65MPH)	
\$89.95	
Total	\$389.95

If you prefer to contact E-One directly, feel free to contact our Customer Service at 1-352-861-3612. Please have 1) your Truck VIN, 2) a copy of your Ford dealership speed limiting receipt available for tracking purposes.

How Remedy Component Differs from Recalled Component : Existing speed limitations above 65 MPH may not reduce the vibration of components enough to prevent long term damage to driveshafts and/or driveline bearings.

Identify How/When Recall Condition was Corrected in Production : Current trucks have had driveline analyses performed and/or speed limitations of 65 MPH already incorporated into production vehicles.

Recall Schedule :

Description of Recall Schedule : 1) Letter approval
2) Send letters to dealers/owners

Planned Dealer Notification Date : NOV 28, 2016 - DEC 02, 2016

Planned Owner Notification Date : NOV 28, 2016 - DEC 02, 2016

* NR - Not Reported