

Part 573 Safety Recall Report

19V-598

Manufacturer Name : E-One Incorporated

Submission Date : AUG 14, 2019

NHTSA Recall No. : 19V-598

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 : 57

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2013-2019 E-ONE AEIR, AEMM, AERM, IATS, IATT, PAEM, PMPR, PSEM, PSLs, PSRS, PSTS, PSTT, REHN, RSHN, RSHW, TTSA

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined using suspension serial numbers provided by Reyco Granning and build records.

Recalled vehicles are equipped with suspensions that are part of Reyco Granning recall 19E-045.

Affected Vehicle Types and Quantities:

QTY: 1 - AEIR-CYC2 - 2016

QTY: 1 - AEMM-CYC2 - 2015

QTY: 2 - AEMM-CYC2 - 2017

QTY: 2 - AEMM-QST2 - 2015

QTY: 3 - AERM-CYC2 - 2015

QTY: 2 - AERM-CYC2 - 2016

QTY: 2 - AERM-CYC2 - 2017

QTY: 1 - AERM-CYC2 - 2018

QTY: 1 - AERM-CYC2 - 2019

QTY: 1 - AERM-TYPH - 2013

QTY: 1 - AERM-TYPH - 2017

QTY: 1 - AERM-TYPH - 2019

QTY: 1 - IATS-CYC2 - 2014

QTY: 1 - IATT-QST2 - 2015

QTY: 1 - IATT-QST2 - 2016

QTY: 2 - IATT-QST2 - 2017

QTY: 2 - PAEM-TYPH - 2017

QTY: 1 - PMPR-CYC2 - 2015

QTY: 1 - PMPR-CYC2 - 2017

QTY: 5 - PMPR-CYC2 - 2018

QTY: 7 - PMPR-CYC2 - 2019

QTY: 1 - PMPR-TYPH - 2014
 QTY: 2 - PMPR-TYPH - 2016
 QTY: 1 - PSEM-TYPH - 2017
 QTY: 1 - PSLS-TYPH - 2019
 QTY: 1 - PSRS-TYPH - 2018
 QTY: 1 - PSTS-TYPH - 2014
 QTY: 1 - PSTT-CYC2 - 2015
 QTY: 2 - PSTT-TYPH - 2019
 QTY: 1 - REHN-CYC2 - 2016
 QTY: 1 - REHN-CYC2 - 2019
 QTY: 1 - RSHN-TYPH - 2017
 QTY: 1 - RSHW-CYC2 - 2018
 QTY: 1 - TSSA-CYC2 - 2014
 QTY: 1 - TTSA-CYC2 - 2017
 QTY: 1 - TTSA-QST2 - 2017
 QTY: 1 - TTSA-TYPH - 2019

Production Dates : JUN 01, 2013 -SEP 30, 2019

VIN Range 1 : Begin : 4EN3AAA81H1000583 End : 4ENLAHA81J2001824

☒ Not sequential

Description of Defect :

Description of the Defect : A loose upper shock mount system on Fire Truck Independent Front Suspensions manufactured by Reyco Granning, LLC. The front shocks may separate from their upper mount on the front suspension. The loose shock may contact and damage the steering gear housing, possibly causing a steering fluid leak and a loss of power steering assist.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of hydraulic steering assist can increase the risk of a crash.

Description of the Cause : 1. The supplied suspension's shock mounting pockets were manufactured outside of the specified tolerance range (too wide).
 2. Nut /bolt combination provided by Reyco Granning's vendor with a very high friction coefficient (k factor) resulting in low clamp load at specified torque.

Identification of Any Warning that can Occur : Prior to complete separation of shock from upper mount, loose joint will rattle or clunk. Upon inspection, shock eyelet can be moved by hand. The failure will progress to loss of dampening and degradation of handling characteristics. Gross movement of the shock will result in a louder clunk as it contacts other suspension components. Finally, the shock can work into a position that results in damage to the steering gear box housing, causing a leak (puddle on ground, degradation of steering assist).

Supplier Identification :

Component Manufacturer

Name : Reyco Granning, LLC
Address : 1205 Industrial Park Drive
Mt. Vernon MISSOURI 65712
Country : United States

Chronology :

REV Fire Group was notified by Reyco Granning, LLC on August 2, 2019 about their suspension recall 19E-045. A decision to file a vehicle recall was made on August 5, 2019

Description of Remedy :

Description of Remedy Program : Reyco Granning will work with E-ONE and E-ONE Dealers to implement the inspection and repair remedy as outlined in Reyco Granning's Service Bulletin for recall 19E-045 at no cost to the vehicle owner. In the event that the owner already incurred costs to remedy this issue, they will be directed in the notification letter to contact E-ONE for reimbursement. It will take approximately 1 hour to perform the work.

How Remedy Component Differs from Recalled Component : The remedy involves the use of a new bolt and nut, a hardened washer (for use under the head of the bolt) and shims if necessary to close the gaps. The bolt nut combination has been tested and determined to provide adequate clamp for pockets within width tolerance. Shims will be used to close the gap on pockets that may be over tolerance. New bolts will be torqued to the appropriate torque value.

Identify How/When Recall Condition was Corrected in Production : E-ONE is working with Reyco Granning to get the parts to repair the trucks in production and awaiting shipment.

Recall Schedule :

Description of Recall Schedule : 1) Mail Dealers a copy of the recall approximately 1 week before customers.
2) Mail customers the recall

Planned Dealer Notification Date : SEP 01, 2019 - SEP 30, 2019

Planned Owner Notification Date : SEP 08, 2019 - OCT 07, 2019

* NR - Not Reported