



Ferrara Fire Apparatus, Inc.

# Vehicle Report

Transaction ID: 21-0011069-25680-10 ()

Required fields indicated with \*

Your report has been saved as a draft. Your Transaction ID is 21-0011069-25680-10.

### Manufacturer: Ferrara Fire Apparatus, Inc.

27855 James Chapel Road  
Holden LA 70744

[Charlie Grimes](#) Warranty Advisor  
567-7100,

\* Are you reporting a  Safety Defect  Non-Compliance

Please select this box if you intend to file a petition pursuant to [49 CFR 556](#).

### Vehicle Information ?

Product: Ferrara Inferno 2019 - 2020

#### Ferrara Inferno 2019 - 2020

\* Model Yr. Start: 2019 \* Model Yr. End: 2020

\* Make: Ferrara

\* Model: Inferno

Production Dates: \* Begin: 11/27/2019  
(mm/dd/yyyy) \* End: 10/28/2020

Type: BUSES, MEDIUM & HEAVY VEHICLES

Body Style: OTHER

Powertrain: DIESEL

#### \* Descriptive Information to include:

-The basis for how the recall population was determined and  
-How the recalled products differ from products that were not included in the recall  
-Identify the number of affected products related to this specific make/model/model year combination, where available:

Ferrara Fire has been contacted by Reyco Granning stating they have submitted a recall 21E-012. Some IFS-FT units may have steering gear that fasteners may loosen and lose clamp load between the cradle and steering  
Remaining Characters: 1552

VIN (Vehicle Identification Number) Range

Begin: End:

Not sequential VINs + x

? Number potentially involved: 10

? Estimated percentage of involved with defect: 10 %

### Defect / Noncompliance Description ?

For this Defect/Noncompliance:

#### \* Describe the defect or noncompliance:

Loose steering gear mount bolts on Fire Truck Independent Front Suspensions manufactured by Reyco Granning LLC.

Remaining Characters: 1889

#### If a noncompliance, provide the applicable FMVSS:

-Select-

#### If applicable, provide any further FMVSS affected:

-Select-

#### Describe the cause:

A change was made to the type of paint used on the steering gearcase mount plates. The paint can continue to flow and relax over time, despite appearing to be cured. As the paint flows out from under the bolt head and washer, the firm

Remaining Characters: 1537

#### \* Describe the safety risk:

The steering gear mounting fasteners could loosen and back out to the point that they may interfere with other steering components, such as a pitman arm. This may cause difficulty in steering or prevent steering to one direction which could

Remaining Characters: 1730

#### Identify any warning which can precede or occur:

The driver may notice a change in steering feel, primarily to vagueness, difficulty in holding a straight line, or vehicle wandering, the fasteners may also loosen without warning.

Remaining Characters: 1820

Check if this recall only affects products in certain geographic regions.

If applicable, identify the manufacturer of the defective or noncompliant component. If the manufacturer of the component is unknown, provide the information for the company that supplied the subject component.

Component manufacturer  Component manufacturer is unknown, information is for our supplier ?

Company Information

Company Name: Ferrara Fire

Country: -Select-

Company Contact Information

First Name: Charlie

Last Name: Grimes

<b>Address 1:</b>		<b>Position:</b>	
<b>Address 2:</b>	<input type="text"/>	<b>Email:</b>	<input type="text" value="charlieg@ferrarafire.com"/>
<b>City:</b>	<input type="text" value="Holden"/>	<b>Phone:</b>	<input type="text" value="1 710 2255677100"/>
<b>State:</b>	<input type="text" value="-Select-"/>		<sup>1</sup> Use for International Country Code.
<b>Zip/Postal Code:</b>	<input type="text" value="70744"/>		

**Involved Components**

If the defect or noncompliance involves a specific component(s), identify that component(s) below.

**Add Component**

<b>Component Name:</b>	<input type="text"/>
<b>Component Description:</b>	<input type="text"/>
<b>Component Part Number:</b>	<input type="text"/>

+ X

**Chronology of Defect / Noncompliance Determination**

**Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:**

In an effort to improve corrosion resistance, it was decided to switch types on a number of suspension components around November 2019. The change went into production on 11/27/19 and the new paint was Tectyl 3335. Initial testing showed that there could be a problem with the new paint flowing for an extended period of time after application and that bolted joints were a relatively short fastener was used without a locking feature were particularly susceptible to losing clamp load. Reyco  
 Remaining Characters: 289

**Identify the Remedy**

**Describe the defect/noncompliance remedy program, including the manufacturer's plan for reimbursement.**

Reco Granning Reyco Granning will notify all customers of this action and provide serial numbers of affected product to assist these manufacturers in identifying potential affected vehicles. Reco Granning will implement an inspection and rework procedure.

Remaining Characters: 1745

**Describe what distinguishes the remedy component from the recalled component.**

The remedy involves replacing the bolts and flat washers that hold the steering gear to the mounting plate with a new bolt and a serrated wedge locking washer. This bolt and washer combination has been tested extensively to ensure that proper clamp load is maintained even if the paint film thickness changes significantly.

Remaining Characters: 1676

**Identify and describe how and when the recall condition was corrected in production.**

Painting of the steering gear mount plates was immediately changed to a paint with a much thinner film thickness that would not have the same post cure flow conditions. This paint was the same that was used for many years prior to the switch with no similar issues reported. Thread locking compound was also added to the manufacturing process to provide an extra level of security.

Remaining Characters: 1620

**Identify the Recall Schedule**

**Describe the recall schedule for notifications.:**

Notification of the recall was received 2-25-2021

Remaining Characters: 1951

<b>Planned Dealer Notification Begin Date:</b>	<input type="text" value="03/09/2021"/>
<b>Planned Dealer Notification End Date:</b>	<input type="text" value="03/24/2021"/>
<b>Planned Owner Notification Begin Date:</b>	<input type="text" value="03/09/2021"/>
<b>Planned Owner Notification End Date:</b>	<input type="text" value="03/24/2021"/>

**Manufacturer's identification code for this recall (if applicable):**

Please be reminded that owner notification letters must be mailed no more than 60 days from submission of this report.

**Manufacturer Comments to NHTSA Staff**

Remaining Characters: 2000