

# Part 573 Safety Recall Report

# 19V-358

**Manufacturer Name :** Unruh Fire, Inc.**Submission Date :** MAY 13, 2019**NHTSA Recall No. :** 19V-358**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Unruh Fire, Inc.

Address : 100 Industrial Dr  
Sedgwick KS 67135

Company phone : 772-5400

**Population :**

Number of potentially involved : 4

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2018 Ford F-550

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : The recall population was determined by reviewing the purchase orders made to Whelen Engineering for the part numbers identified in recall 18E-063

Production Dates : JUL 09, 2018 - APR 19, 2019

VIN Range 1 : Begin : 1FD0W5HT4Hef25390 End : 1FD0W5HT4HEF25390  Not sequentialVIN Range 2 : Begin : 1FD0W5HT3JRV13440 End : 1FD0W5HT3JRV13440  Not sequentialVIN Range 3 : Begin : 1FD0W5HT9JEB92299 End : 1FD0W5HT9JEB92299  Not sequentialVIN Range 4 : Begin : 1FD0W5HT9JEB31521 End : 1FD0W5HT9JEB31521  Not sequential**Description of Defect :**

Description of the Defect : The brake light may activate if there is a transient voltage on the brake input line (e.g., without further brake input), but can be returned to normal operation when a brake input is applied and then removed. Whelen determined that the root cause of this condition was tied to transient voltage on the input line creating a false and steady activation of the brake light. The condition is dependent on the specific wiring of the vehicle and other installed equipment. The product functions normally if it is not exposed to these specific conditions, but the condition has the potential to occur in the entire recall population.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : The brake light may activate if there is a transient voltage on the brake input line (e.g., without further brake input.), but can be returned to normal operation when a brake input is applied and then removed.

Description of the Cause : Transient Voltage on the input line.

Identification of Any Warning None  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : Whelen Engineering Co., Inc.  
Address : 51 Winthrop Rd  
Chester CONNECTICUT 06412-0684  
Country : United States

## Chronology :

Unruh Fire was notified by NHTSA on March 13, 2019 regarding the recall notice 18E-063 issued by Whelen Engineering Inc. Unruh Fire, Inc. notified customers with vehicles that had the recalled product(s) installed.

## Description of Remedy :

Description of Remedy Program : Unruh Fire, Inc. will upon request immediately provide a free replacement product and support services to all customers affected by the recall.

How Remedy Component Differs from Recalled Component : The remedy assemblies have one of the following distinguishing characteristics versus the recalled assemblies:

- New production parts: Part number revision letter printed on label (permanently applied to rear of product) incremented (e.g. 01-066B186-R1G changed to 01-066B186-R1H)

Identify How/When Recall Condition was Corrected in Production : Whelen Engineering has corrected the issue with an update that makes the products immune to the transient voltage

## Recall Schedule :

Description of Recall Schedule : The owners of the identified products have been notified of the recall.  
Planned Dealer Notification Date : NR - NR  
Planned Owner Notification Date : MAY 13, 2019 - JUN 07, 2019

\* NR - Not Reported