

Part 573 Safety Recall Report

16V-581

Manufacturer Name : Ferrara Fire Apparatus, Inc.

Submission Date : AUG 02, 2016

NHTSA Recall No. : 16V-581

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Ferrara Fire Apparatus, Inc.

Number of potentially involved : 57

Address : 27855 James Chapel Road
PO Box 249 Holden LA 70744

Estimated percentage with defect : 75 %

Company phone : 800-443-9006

Vehicle Information :

Vehicle 1 : 2015-2016 FERRARA FIRE INFERNO, IGNITER, INTRUDER, CINDER, FREIGHTLINER, INTERNATIONAL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Waterous Company has decided a safety related defect may exist with some Split-Shaft Transmission Shift Units. The defect involves clevis pin retaining rings that were deformed during installation which can possibly permit the retaining ring to dislodge if subjected to high levels of vibration that can sometimes occur during the shifting operation.

Production Dates : APR 13, 2015 - MAY 30, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Waterous Company has decided a safety related defect may exist with some Split-Shaft Transmission Shift Units. The defect involves clevis pin retaining rings that were deformed during installation which can possibly permit the retaining ring to dislodge if subjected to high levels of vibration that can sometimes occur during the shifting operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is the possibility that on the affected shift units that the retaining ring on the top of the clevis pin may dislodge and the clevis pin may fall out and lose engagement with the shift fork. If that occurs it will prevent the shift unit from being able to shift the transmission into position to provide power to drive a fire pump.

Description of the Cause : Installation pliers Aventics used to install the retaining rings was out of

adjustment for a period of time such that the retaining ring was opened beyond its elastic limit resulting in deformation.

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : WATEROUS COMPANY
Address : 125 HARDMAN AVENUE SOUTH
SOUTH ST. PAUL MINNESOTA 55075
Country : United States

Chronology :

Customer recall notice from Waterous Company was received on 7/25/2016

Description of Remedy :

Description of Remedy Program : Waterous is sending OEM's retrofit kits to replace the shift unit's clevis pin and retaining rings with a shoulder bolt and locking nut. The retrofit kits will be forwarded by the OEM's to the affected customers. The recall remedy will be performed by the OEM, and independent repair facility approved by the OEM or end user. Included with the retrofit kit will be instructions, a certificate of remedy and disposal form that must be filled out and returned to Waterous. Upon receipt of each completed Certificate, Waterous will credit the OEM account for \$312.00.

How Remedy Component Differs from Recalled Component : The recall population is identified by serial number traced to the inclusive dates of manufacture. The retaining rings on the clevis pin of the affected shift units will be visually deformed.

Identify How/When Recall Condition was Corrected in Production : The supplier of the affected shift units inspected and properly calibrated the retaining ring installation pliers and scheduled the installation pliers for regular calibration checks. The units in inventory and in the production process were inspected and the units with deformed retaining rings were replaced and properly installed replacement retaining rings were added.

Recall Schedule :

Description of Recall Schedule : FERRARA FIRE WILL IDENTIFY ANY ADDITIONAL TRUCKS THAT MUST BE RECALLED. IDENTIFIED IN-HOUSE TRUCKS WILL BE REPAIRED. CUSTOMER LETTERS WILL BE GENERATED AND MAILED OUT.

Planned Dealer Notification Date : SEP 05, 2016 - SEP 16, 2016

Planned Owner Notification Date : SEP 05, 2016 - SEP 16, 2016

* NR - Not Reported