

PIERCE MANUFACTURING, INC.

AN OSHKOSH CORPORATION COMPANY · ISO 9001 CERTIFIED

2600 AMERICAN DRIVE
POST OFFICE BOX 2017
APPLETON, WISCONSIN 54912-2017
920-832-3000 · FAX 920-832-3208



October 21, 2013

Nancy Lewis (NVS-215)
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
U.S. Department of Transportation
1200 New Jersey Avenue, SE
Washington DC 20590

Part 573 Defect and Noncompliance Report

Vehicle Recall: **Cab Tilt Cylinder Trunnions
Pierce Campaign Number – 74B240**

This report serves as Pierce Manufacturing's notification to the U.S. Department of Transportation; National Highway Traffic Safety Administration that a defect related to motor vehicle safety exists in certain fire apparatus. Pierce Manufacturing decided that this defect existed in these vehicles on October 14, 2013.

I. Name of Manufacturer and Corporate contact:

Pierce Manufacturing Inc.
David Archer, Vice President of Engineering
Phone: 920 832-3513
FAX: 920 832-3526
E-Mail: darcher@piercemfg.com

II. Identification of Recall Population and its Size:

Make: Pierce
Model Years Involved: 2000 through 2010
Models: Enforcer, Dash, Lance, Arrow XT
Mfg. Date Beginning: 10/01/2000
Mfg. Date Ending: 5/31/2010

Number of Potentially Affected Vehicles: 3139 (3115 U.S., 24 Canada)

Estimated Percentage of Vehicles Containing the Defect or Noncompliance: 100%

III. Description of the defect or noncompliance:

The trunnion ears on which the cab tilt cylinders pivot may fatigue and fail. This can only occur when a truck is stationary and the cab is being raised or lowered as part of a vehicle maintenance event. If a cylinder trunnion fails, the cab can drop a short distance before the safety flow velocity fuses engage and stop the cab movement. A person may suffer personal injury if they are directly in the path of the moving cab when a trunnion fails.

Chronology of Principal Events:

9/2011 - Pierce Mfg. received a report of a cab tilt cylinder trunnion failing while a cab was being lowered.

11/2011 – The failed cylinder was inspected, but no root cause of failure could be determined. The issue was closed.

9/2012 – Another cab tilt cylinder trunnion failed while a cab was being lowered.

11/2012 – Flow fuse testing was performed. The flow velocity fuses operated as intended and stopped the cab movement when a cylinder trunnion failure was simulated.

9/2013 – National Fire Protection Association proposed the adoption of industry standard safety signs produced by the Fire Apparatus Manufacturer’s Association. While the need to stay away from the cab during lifting is covered by warnings in the operator manual, Pierce decided that adding the proposed FAMA/NFPA safety sign would be beneficial.

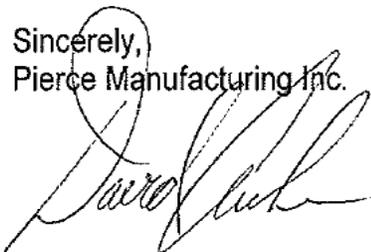
IV. Remedy Program and Schedule

Affix new safety signs alerting operator to stay clear of the cab while it is being tilted, and to engage the safety prop. Signs will be affixed in three locations per Pierce work instructions on all trucks built with this cab tilt cylinder design.

Remedy will be performed by customers or authorized Pierce dealers.

Representative Notices: Owner and dealer notifications are pending.

Sincerely,
Pierce Manufacturing Inc.



David Archer
Vice President of Engineering