

# Part 573 Safety Recall Report

## 17V-348

**Manufacturer Name :** Pierce Manufacturing

**Submission Date :** MAY 30, 2017

**NHTSA Recall No. :** 17V-348

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** Pierce Manufacturing

**Address :** 2600 American Drive  
P.O. BOX 2017 Appleton WI  
54912-2017

**Company phone :** 414-832-3000

### Population :

**Number of potentially involved :** 225

**Estimated percentage with defect :** 75 %

### Vehicle Information :

**Vehicle 1 :** 1999-2013 Pierce Arrow XT, Dash, Enforcer, Quantum, Velocity

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** ALL

**Power Train :** DIESEL

**Descriptive Information :** All Pierce vehicles equipped with electric All-Steer rear steering option, single and tandem axles.

**Production Dates :** SEP 30, 1999 -OCT 22, 2013

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

### Description of Defect :

**Description of the Defect :** The axle may not have been heat treated properly.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The strength of the axle shaft could be reduced if not heat treated properly. Under load, either end of the axle may break. The vehicle may stall if the axle breaks, the ability to move the vehicle and complete its safety mission will be reduced.

**Description of the Cause :** Process methods were not consistently applied.

**Identification of Any Warning that can Occur :** None

### Supplier Identification :

**Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

## Chronology :

From 1999-2017, Pierce had some scattered service history reports affecting components surrounding the axle shaft, however, Pierce was not aware of any warranty claims involving axle shaft failures.

During an April 2017 meeting with NHTSA, the agency provided information to Pierce of potential occurrences in field.

From April-May, 2017, Pierce conducted an investigation which revealed some field incidents that appeared to relate to the same concern. On May 26, 2017, Pierce decided to conduct a recall to address this issue.

## Description of Remedy :

Description of Remedy Program : Plan is being developed to produce, treat, and validate new axle shafts.  
Timing TBD when parts available for remedy program.  
All axle shafts will be replaced on all vehicles of suspect population.

How Remedy Component Differs from Recalled Component : The remedied parts will be produced with new material and improved heat treatment methods.

Identify How/When Recall Condition was Corrected in Production : This feature is no longer in production.

## Recall Schedule :

Description of Recall Schedule : The below recall schedule is provided pending NHTSA review & approval of notification letters.

Planned Dealer Notification Date : JUN 09, 2017 - JUN 23, 2017

Planned Owner Notification Date : JUN 09, 2017 - JUN 23, 2017

\* NR - Not Reported