

Part 573 Safety Recall Report

17V-348

Manufacturer Name : Pierce Manufacturing

Submission Date : JUN 08, 2017

NHTSA Recall No. : 17V-348

Manufacturer Recall No. : 74B283



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.
Vehicle owners will be provided an interim notification by 07Jul2017.
Production of remedy components require restarting production and completing validation testing, which will require several months. A final notification will be distributed to vehicle owners when replacement parts are available approximately late 2017, early 2018, providing information on having the remedy completed on their vehicle.

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 23, 2017 - JUL 07, 2017

Planned Owner Notification Date : JUN 23, 2017 - JUL 07, 2017

* NR - Not Reported