

**Part 573 Safety Recall Report****16V-123****Manufacturer Name :** Pierce Manufacturing**Submission Date :** FEB 29, 2016**NHTSA Recall No. :** 16V-123**Manufacturer Recall No. :** 74B270**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 : 239

Estimated percentage with defect : 15

**Vehicle Information :**

Vehicle : 2016-2016 Pierce Arrow-XT, Dash, Enforcer, Impel, Quantum, Saber, Velocity

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Several Model Year 2016 Pierce custom chassis models produced from Oct. 13, 2015 to February 9, 2016.

Production Dates : OCT 13, 2015 - FEB 09, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The fasteners on the cap over the bearing on the universal joint on the drive shaft(s) may not have been torqued properly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The improperly torqued fastener may loosen over time, separating from vehicle, allowing cap to separate from vehicle, and possibly the universal joint to separate. If the bolt or cap separates from vehicle it may strike another vehicle or person nearby causing injury. If the universal joint separates from drive shaft, loss of ability of vehicle to be driven may occur.

Description of the Cause : Properly torqued bolts were loosened and not re-torqued due to an improper assembly procedure.

Identification of Any Warning that can Occur : Detection can occur with a visual inspection of the joint, or checking the torque of the fasteners. A vibration may be felt with increasing intensity by operator as driveshaft becomes unbalanced due to improperly torqued or loosening bolt.

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

Nov-2015, Pierce detected vibration of undetermined cause during manufacturing. Investigation identified universal cap bolts not to proper torque on trucks exhibiting vibration. Further investigation determined bolts were loosened and not properly torqued during vehicle assembly at Pierce by end of Jan-16.

**Description of Remedy :**

Description of Remedy Program : Inspect suspect vehicles for proper torque for all bolts on universal joint caps on all drive shafts. Torque to proper specification if found out of specification.

How Remedy Component Differs from Recalled Component : Properly torqued bolts. No other distinguishing features.

Identify How/When Recall Condition was Corrected in Production : All in-process vehicles were inspected and corrected if found out of spec.  
Assembly process defined and operators trained on proper assembly methods.  
Added indicator at supplier to show bolts torqued and any subsequent tampering that may result in improper torque.

**Recall Schedule :**

Description of Recall Schedule : Pending approval of notice by NHTSA

Planned Dealer Notification Date : MAR 14, 2016 - MAR 28, 2016

Planned Owner Notification Date : MAR 14, 2016 - MAR 28, 2016

\* NR - Not Reported