

Part 573 Safety Recall Report

17V-463

Manufacturer Name : Smeal Holding LLC**Submission Date :** JUL 20, 2017**NHTSA Recall No. :** 17V-463**Manufacturer Recall No. :** 17019**Manufacturer Information :**

Manufacturer Name : Smeal Holding LLC
Address : 610 West 4th Street
 Snyder NE 68664
Company phone : 402 218 4685

Population :

Number of potentially involved : 109
Estimated percentage with defect : NR

Vehicle Information :**Vehicle 1 :** 2016-2017 Smeal Fire Apparatus Aerial Fire Apparatus**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

Descriptive Information : Units affected by this recall are limited to those that were subject to a particular variation in the manufacturing process.

Production Dates : FEB 26, 2016 - JUN 09, 2017**VIN Range 1 : Begin :**

NR

End : NR Not sequential**Description of Defect :**

Description of the Defect : The mating surface of the hydraulic manifold may not be fully seated due to the height of an angle bracket attached to the hydraulic cylinder. This could result in an unexpected loss of hydraulic fluid.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : An unexpected loss of hydraulic fluid could result in inadvertent movement of the aerial device. Under certain conditions, an inadvertent movement of the aerial device could increase the risk of personnel injury.

Description of the Cause : Pending

Identification of Any Warning that can Occur : An unexpected loss of hydraulic fluid could occur without warning.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

On, or near, June 28 Smeal was notified of a complaint involving inadvertent aerial movement. The affected unit was returned to Spartan Motors USA, Inc. in Charlotte, MI for evaluation on June 29, 2017. Work to remove the hoist cylinders from the aerial fire apparatus and the hydraulic manifold on the hoist cylinders were evaluated and disassembled. Between July 7, 2017 and July 18, 2017 the condition with the hydraulic manifold mating surfaces was observed and a stop build was issued. Corrective actions measures were put into place. The unit that was returned was reassembled with remedied components and tested to confirm the remedy. On July 19, 2017, Smeal determined the condition is a safety related defect.

Description of Remedy :

Description of Remedy Program : For vehicles affected by this recall, the hydraulic manifold will be removed, the mating surface inspected, and reassembled with new hardware. For those aerial fire apparatus that exhibit the condition of the manifold not being seated, the angle bracket will be removed and the manifold will be reassembled with new hardware.

How Remedy Component Differs from Recalled Component : The remedied component will be equipped with a fully seated manifold.

Identify How/When Recall Condition was Corrected in Production : Hoist cylinders for the aerial device were quarantined and inspected to eliminate the condition on July 7, 2017. No units were produced between June 9 2017 and July 7, 2017 due to the nature of the build cycle.

Recall Schedule :

Description of Recall Schedule : The planned dates are notwithstanding feedback on corrections from the agency.

Planned Dealer Notification Date : JUL 21, 2017 - JUL 21, 2017

Planned Owner Notification Date : JUL 31, 2017 - JUL 31, 2017

* NR - Not Reported