

Part 573 Safety Recall Report

17V-656

Manufacturer Name : Smeal Holding LLC

Submission Date : DEC 14, 2017

NHTSA Recall No. : 17V-656

Manufacturer Recall No. : 17024



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 : 74

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2017 Smeal Fire Apparatus Aerial Fire Apparatus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Aerial fire apparatus are equipped with a cutout in the torque frame to allow room for a customer required compartment. Other vehicles do not have this cut out.

Production Dates : MAY 04, 2011 - AUG 16, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Cracks may develop in the parent material of the torque frame near the area of the cut out for the compartment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the crack progresses, it could result in compromised strength of the torque frame reducing rigidity needed for the aerial device. This could result in the aerial device becoming unstable. If the aerial device becomes unstable it could increase the risk of personnel injury or equipment damage.

Description of the Cause : Pending

Identification of Any Warning that can Occur : Cracks can develop without warning.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

On, or near, July 31, 2017, an internal investigation was opened based on claims associated with cracks in the torque box of aerial apparatus built for a specific customer. Engineering conducted an analysis but first had to develop a baseline Finite Element Analysis of the model and applying load cases that could result in the worst case stresses in the problem area. The analysis was concluded on, or near, September 5, 2017. A review of past precedence set by other manufacturers was conducted for similar issues. This review was concluded in early October 2017. On October 13, 2017, Spartan determined the condition identified on the torque boxes could be related to motor vehicle safety.”

Description of Remedy :

Description of Remedy Program : Cracks will be repaired and a reinforcement added at no charge.
How Remedy Component Differs from Recalled Component : Vehicles affected by this recall are equipped with a cut out in the torque frame for a specific compartment. Other vehicles do not have this cut out.
Identify How/When Recall Condition was Corrected in Production : Vehicles with the cutout in the torque frame are no longer in production.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : OCT 20, 2017 - OCT 20, 2017
Planned Owner Notification Date : DEC 08, 2017 - DEC 08, 2017

* NR - Not Reported