

Part 573 Safety Recall Report

18V-237

Manufacturer Name : Kovatch Mobile Equipment Corp.**Submission Date :** APR 13, 2018**NHTSA Recall No. :** 18V-237**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Kovatch Mobile Equipment Corp.

Number of potentially involved : 38

Address : One Industrial Complex
Nesquehoning PA 18240

Estimated percentage with defect : 100 %

Company phone : 8002353926

Vehicle Information :

Vehicle 1 : 2012-2016 KME Predator SS Pumper

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined by searching vehicle build records for vehicles built with the combination of wire braided cab lift hydraulic hoses and a Cummins ISX12 engine along with wire braided air lines and/or a fuel cooler with wire braided fuel lines.

Vehicles built with combinations other than that of the recalled population have larger clearances due to starter location, a smaller engine, or smaller diameter hoses.

Production Dates : JAN 13, 2012 - NOV 28, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2012-2016 KME Predator Pumper

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined by searching vehicle build records for vehicles built with the combination of wire braided cab lift hydraulic hoses and a Cummins ISX12 engine along with wire braided air lines and/or a fuel cooler with wire braided fuel lines.

Vehicles built with combinations other than that of the recalled population have larger clearances due to starter location, a smaller engine, or smaller diameter hoses.

Production Dates : JAN 13, 2012 - NOV 09, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2015-2016 KME Predator Aerial

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined by searching vehicle build records for vehicles built with the combination of wire braided cab lift hydraulic hoses and a Cummins ISX12 engine along with wire braided air lines and/or a fuel cooler with wire braided fuel lines.

Vehicles built with combinations other than that of the recalled population have larger clearances due to starter location, a smaller engine, or smaller diameter hoses.

Production Dates : FEB 13, 2015 - MAY 13, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On certain KME vehicles built with wire braided cab lift hydraulic hoses and a Cummins ISX12 engine along with wire braided air lines and/or a fuel cooler with wire braided fuel lines, the cab lift hydraulic hose may not have been routed or secured properly, allowing it to come into contact with the starter power stud or connected ring terminals.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, if the cab lift hydraulic hose comes into contact with the starter power stud or connected ring terminals, the hose may be worn causing fluid leakage and/or arcing between the starter power stud and the now exposed wire reinforcement in the hose increasing the risk of fire.

Description of the Cause : The cab lift hydraulic hose may not have been routed or secured properly in the area near the starter power stud.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

KME received a warranty claim in August 2017 for a fire in the engine compartment of a model year 2015 Predator SS Pumper. Inspection of the vehicle showed the fire likely started when the wire braided cab lift hydraulic line contacted the starter power stud and arced igniting the hydraulic fluid. In September 2017, KME initiated an investigation to assess the potential issue. As part of the investigation, KME inspected multiple vehicles with different component combinations throughout the remainder of 2017 and the first quarter of 2018. The investigation led to a specific combination of vehicle components bundled together near the starter that if not routed or secured properly could contact the starter power stud or connected ring terminals. A review of warranty records for other vehicles built with the same combination of components was done in March 2018. There were two instances of hydraulic hoses leaking in the area of the starter found in this review. Neither of these resulted in a fire. KME determined on April 11, 2018 that a vehicle recall was necessary.

Description of Remedy :

Description of Remedy Program :	A KME certified Dealer or technician will inspect the area near the starter for proper routing and clearance of the cab lift hydraulic hose, replace any damaged cab lift hydraulic hoses, and add hose chafe guards in that area where necessary at no cost to the vehicle owner.
How Remedy Component Differs from Recalled Component :	The inspection campaign will verify proper clearances. Where needed, modifications to existing routing will be made to ensure proper clearance and add chafe protection as required.
Identify How/When Recall Condition was Corrected in Production :	Synflex (non-wire reinforced) cab lift hydraulic hose became the standard installation component beginning with model year 2017 vehicles. Employees were instructed on proper routing and clearances in November 2017 and a written work instruction is being added in April 2018. During quality inspections, proper clearance is specifically inspected and corrected when required.

Recall Schedule :

Description of Recall Schedule :	Dealers will be notified between 05/14/2018 and 05/18/2018. Owners will be notified between 05/21/2018 and 05/25/2018.
Planned Dealer Notification Date :	MAY 14, 2018 - MAY 18, 2018
Planned Owner Notification Date :	MAY 21, 2018 - MAY 25, 2018

* NR - Not Reported