

Part 573 Safety Recall Report

21V-097

Manufacturer Name : Kovatch Mobile Equipment Corp.**Submission Date :** JAN 09, 2023**NHTSA Recall No. :** 21V-097**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Kovatch Mobile Equipment Corp.**Number of potentially involved :** 88**Address :** One Industrial Complex
Nesquehoning PA 18240**Estimated percentage with defect :** 100 %**Company phone :** 8002353926**Vehicle Information :****Vehicle 1 :** 2017-2017 KME Predator Emergency Tractor**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

Descriptive Information : -The recall population was determined using build records.
 -All units with this weld process and this axle are included in the recall.
 -KME Predator Emergency Tractor-2017: 4

Production Dates : AUG 20, 2016 - AUG 20, 2016**VIN Range 1 : Begin :** NR **End :** NR☐ Not sequential**Vehicle 2 :** 2014-2020 KME Predator Panther Pumper**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

Descriptive Information : -The recall population was determined using build records.
 -All units with this weld process and this axle are included in the recall.
 -KME Predator Panther Pumper-2014: 1
 -KME Predator Panther Pumper-2017: 2
 -KME Predator Panther Pumper-2018: 3
 -KME Predator Panther Pumper-2019: 1
 -KME Predator Panther Pumper-2020: 1

Production Dates : OCT 23, 2014 - SEP 05, 2019**VIN Range 1 : Begin :** NR **End :** NR☐ Not sequential

Vehicle 3 : 2017-2018 KME Predator SS Rescue
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : -The recall population was determined using build records.
-All units with this weld process and this axle are included in the recall.
-KME Predator SS Rescue-2017: 1
-KME Predator SS Rescue-2018: 1

Production Dates : MAR 08, 2017 - MAY 19, 2017

VIN Range 1 : Begin : NR End : NR

☐ Not sequential

Vehicle 4 : 2014-2014 KME Predator Rescue
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : -The recall population was determined using build records.
-All units with this weld process and this axle are included in the recall.
-KME Predator Rescue-2014: 2

Production Dates : NOV 30, 2013 - DEC 27, 2013

VIN Range 1 : Begin : NR End : NR

☐ Not sequential

Vehicle 5 : 2013-2020 KME Predator SS Pumper
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : -The recall population was determined using build records.
-All units with this weld process and this axle are included in the recall.
-KME Predator SS Pumper-2013: 14
-KME Predator SS Pumper-2014: 8
-KME Predator SS Pumper-2015: 1
-KME Predator SS Pumper-2016: 9
-KME Predator SS Pumper-2017: 4
-KME Predator SS Pumper-2018: 30
-KME Predator SS Pumper-2020: 2

Production Dates : OCT 26, 2012 - NOV 06, 2019

VIN Range 1 : Begin : NR End : NR

☐ Not sequential

Vehicle 6 : 2013-2017 KME Predator Pumper

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -The recall population was determined using build records.
-All units with this weld process and this axle are included in the recall.
-KME Predator Pumper-2013: 1
-KME Predator Pumper-2015: 1
-KME Predator Pumper-2017: 2

Production Dates : MAR 06, 2012 - MAR 24, 2017

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Certain welds used to attach suspension mounts and torque rod mounts to a rear axle may have insufficient welds.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The welds may break causing the mounts to become separated from the axle. This could lead to loss of control of the vehicle causing a crash.

Description of the Cause : The axle manufacturer's weld instructions were not followed by KME during assembly.

Identification of Any Warning that can Occur : Cracking in the welds which may be identified by visual inspection.

Involved Components :

Component Name 1 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR, NEWAY ADZ-127-10

Component Part Number : 083942V

Component Name 2 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR, NEWAY ADZ-124-10

Component Part Number : 083942V001

Component Name 3 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR, AIR NEWAY ADZ-124-10

Component Part Number : 083942V002

Component Name 4 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR, NEWAY ADZ-124-10, 4X4

Component Part Number : 083942V003

Component Name 5 : SUSPENSION, REAR

Component Description : REAR SUSPENSION, NEWAY ADZ-124

Component Part Number : 083942V004

Component Name 6 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR, NEWAY ADZ-254

Component Part Number : 083942V005

Component Name 7 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR AXLE, 27,000#, NEWAY AD

Component Part Number : 083942V006

Component Name 8 : SUSPENSION, REAR

Component Description : SUSPENSION, REAR AXLE, 27,000#, NEWAY AD

Component Part Number : 083942V007

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Revised:

The details of the timeline are provided below, but please note the following in particular: The initial failure was reported to us July, 2020, not June as initially submitted.

All reported failures have been limited to a single customer, Los Angeles County Fire Department, in a group of 20 pumpers that were delivered in 2017. To this point, we have not had any reported failures from any other customers. As noted below, all 20 units in that group have been repaired.

The timeline is as follows:

7/23/20 - Received e-mail notification from LA County of failure of welds on a KME pumper delivered in 2017 (1 of 20 units delivered at that time). Discussed repair plan for that unit.

8/24/20 - KME received notification from LA County that a second pumper in that build group had experienced a similar failure. Developed inspection plan for remaining units from that group.

8/27/20 - Discovered 3 additional units with cracking at the welds in question. Determined that all 20 units in that build group must be re-welded.

8/27/20 - 2/26/2021- Carried out repairs on the 20 units in question. Repairs were done one at a time and took approximately 1 week to complete.

2/3/21- Reviewed history with REV management and made decision to issue recall on 2/17.

2/26/21- Completed inspections & repairs on initial 20 LA County units.

Description of Remedy :

Description of Remedy Program : KME or its dealers will inspect and verify the integrity of the welds per the weld instructions and will repair any defects found at no cost to the vehicle owner. If the owner already incurred costs to remedy this issue, they will be directed in the notification letter to contact KME for reimbursement.

How Remedy Component Differs from Recalled Component : Welds are correct per the weld instructions.

Identify How/When Recall Condition was Corrected in Production : No vehicles with this axle are currently in production.

Recall Schedule :

Description of Recall Schedule : -Dealers will be notified 03-29-2021 to 04-05-2021
-Owners will be notified 04-05-2021 to 04-12-2021

Planned Dealer Notification Date : MAR 29, 2021 - APR 05, 2021

Planned Owner Notification Date : APR 05, 2021 - APR 12, 2021

* NR - Not Reported