

# Part 573 Safety Recall Report

# 17V-353

**Manufacturer Name :** Terex Advance Mixer, Inc.

**Submission Date :** MAR 09, 2018

**NHTSA Recall No. :** 17V-353

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Terex Advance Mixer, Inc.

**Address :** 7727 Freedom Way

Fort Wayne IN 46818

**Company phone :** 999

## Population :

**Number of potentially involved :** 53

**Estimated percentage with defect :** 77 %

## Vehicle Information :

**Vehicle 1 :** 2017-2017 Terex Advance Mixer Front Discharge Mixer

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** Certain model year 2017 Front Discharge Mixers equipped with 250 gallon water tanks.

**Production Dates :** DEC 19, 2016 - NOV 30, 2017

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The filler neck on 250 gallon water tanks, supplied from our Manchester Tank, had inadequate welds. As result the failure of this weld is possible.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The water tank is pressurized to 120 PSI, and if there is a failure of the filler neck weld the filler neck assembly can separate from the water tank and result in personal injury.

**Description of the Cause :** Inadequate weld quality of the filler neck seam. This was traced back to improper training of an employee.

**Identification of Any Warning that can Occur :** NR

## Supplier Identification :

**Component Manufacturer**

Name : Manchester Tank and Equipment Company  
Address : NR  
NR  
Country : United States

## Chronology :

4/17/2017 - Terex Advance Mixer was notified of a failure of a 250 gallon water tank filler neck on a customers vehicle in the field.

4/18/2017 - The supplier was notified of the failure, and arrangements were made to get the failed tank sent back to the supplier (Manchester) for investigation and failure analysis.

5/26/2017 - Based on an investigation and root cause analysis, by Manchester Tank, they informed us that all 250 gallon water tanks they produced, in the month of November 2016, for Terex Advance Mixer have inadequate welds on the filler neck.

5/26/2017 - Based on this information Terex Advance Mixer determined that a safety recall is warranted for this defect.

3/12/18 - Terex Advance Mixer determined that 16 additional water tanks need to be added to the recall population.

3/16/18 - The 573 defect report is updated with the new information regarding increasing the recall population.

## Description of Remedy :

Description of Remedy Program : All customers that could possibly be impacted by this recall were mailed recall letters. We are asking the customers service personnel to inspect the serial number of their water tank to see if it is in the recall population. If it is we ask them to contact us and we will send them a water tank free of charge. We also indicate to the impacted customers that we will reimburse them, or a third party, for the installation of the new water tank.

How Remedy Component Differs from Recalled Component : A water tank with a serial number that is not one of the impacted serial numbers.

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : We sell directly to the end user and as such do not have a dealer network. Given that, no dealer notification is necessary.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 25, 2017 - JUL 25, 2017

\* NR - Not Reported