

Part 573 Safety Recall Report

19V-195

Manufacturer Name : Mertz Manufacturing, LLC**Submission Date :** MAR 11, 2019**NHTSA Recall No. :** 19V-195**Manufacturer Recall No. :** M18-098**Manufacturer Information :**

Manufacturer Name : Mertz Manufacturing, LLC

Address : 1701 North Waverly Road

Ponca City OK 74602

Company phone : 580-767-8465

Population :

Number of potentially involved : 475

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2008-2018 Various Custom

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Identified trailer job orders that required and contained the black, plastic tee for air spring circuits Non-trailer jobs removed except boosters and jeeps All pre-2008 trailer jobs removed; we believe this is when the DOT-approved fittings' law came into existence. All 1, 2, and 3 axle trailers containing both the non-DOT and DOT-approved fitting requirement were removed; reason to believe the black plastic tee was not used in the braking circuit Other low volume trailer models eliminated from the recall list based on conclusive photos from the standard build process books VIN numbers were gathered for each remaining job order to include in the recall scope Various industrial trailers built from 2008 - 2018 10 Customers 475 Trailers 2010 - 9 2011 - 90 2012 - 86 2013 - 19 2014 - 47 2015 - 19 2016 - 3 2017 - 69 2018 - 133

Production Dates : JAN 01, 2008 - NOV 20, 2018

VIN Range 1 : Begin : NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The plastic fitting was in stock for use in non-air brake circuits and was mistakenly installed in some air brake circuits. Of the 475 trailers identified: the trailers need to be inspected. Each trailer could potentially have at least one plastic tee that would need to be replaced.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : If a plastic fitting is installed in the blue line and fails, loss of service brakes will occur. Only the emergency braking system is available. If the plastic fitting is installed in the red line and fails, the emergency brakes activate. Please be advised that no complaints of fitting failure have been reported and

the risk of failure is considered to be low.

Description of the Cause : The plastic fitting was in stock for use in non-air brake circuits and was mistakenly installed in some air brake circuits.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

November 20, 2018, engineering staff noticed the plastic tees available for assembly operator use and instructed inventory associates to isolate all of the plastic tees. The plastic tees have been discarded. a. Assembly operators were educated on the required change. b. BOM (bill of material) calls out specific part number for specific trailer designs. Purchased part requirements updated in the ERP system for the DOT-approved specific tee only to be ordered / installed from purge date forward.

Description of Remedy :

Description of Remedy Program : Mertz completed and remedied (if needed), several on-site inspections at customer locations. Of the remaining trailers in question as supplied in the detailed list of trailers, Mertz will email the recall letter instructing customers to contact Mertz for replacement tees free of charge should they need them.

How Remedy Component Differs from Recalled Component : Non-DOT approved black, plastic tee versus a brass DOT-approved tee

Identify How/When Recall Condition was Corrected in Production : November 20, 2018, engineering staff noticed the plastic tees available for assembly operator's use and instructed inventory associates to isolate all of the plastic tees. The plastic tees have been discarded. a. Assembly operators were educated on the required change. b. BOM (bill of material) calls out specific part number for specific trailer designs. Purchased part requirements updated in the ERP system for the DOT-approved specific tee only to be ordered / installed from purge date forward.

Recall Schedule :

Description of Recall Schedule : March 18, 2019: Initial written (USPS, certified with signature-required receipt) and email notification (with read receipt) to all affected customers.
April 23, 2019: Second email notification (written notification if email is not available) for customers who have not acknowledged receipt of recall notice.
May 21, 2019: Third email notification (written notification if email is not available) for customers who have not acknowledged receipt of recall notice.
August 20, 2019: Fourth email notification (written notification if email is not available) for customers who have not acknowledged receipt of recall notice.
February 20, 2020: Fifth email notification (written notification if email is not available) for customers who have not acknowledged receipt of recall notice.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAR 18, 2019 - FEB 20, 2020

* NR - Not Reported