

# Part 573 Safety Recall Report

# 16V-554

**Manufacturer Name :** Mahindra Tractor Assembly Inc**Submission Date :** JUL 22, 2016**NHTSA Recall No. :** 16V-554**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Mahindra Tractor Assembly Inc

Address : 2901 Bayview Drive

Fremont CA 94538

Company phone : 8554643693

**Population :**

Number of potentially involved : 283

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 2015-2016 GenZe 2.0 / Enterprise1

Vehicle Type : MOTORCYCLES

Body Style : ALL

Power Train : NR

**Descriptive Information :** The GenZe 2.0 and Enterprise1 are electric motor driven cycles or mopeds manufactured by Mahindra Tractor Assembly, Inc d/b/a Mahindra GenZe in Ann Arbor, Michigan

The 2.0 Model is a Consumer Model

The Enterprise1 Model is sold to a single fleet customer

**Production Dates :** OCT 02, 2015 - JUL 11, 2016

VIN Range 1 : Begin : 58DGS1116FAV00101 End : 58DGS1112GAV00503

 Not sequential

VIN Range 2 : Begin : 58DGS4116GAV00263 End : 58DGS4110GAV00405

 Not sequential**Description of Defect :**

**Description of the Defect :** Early production GenZe electric motor driven cycles may exhibit a poor clamping force on the shock tube in the triple tree.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Insufficient clamping force may enable the shock tube to displace upwards in the triple tree, potentially affecting low speed maneuverability and turning radius.

**Description of the Cause :** Variability in machining of triple tree and assembly process can result in insufficient clamping force

**Identification of Any Warning that can Occur :** Noise/Rattle in Front Suspension

## Supplier Identification :

### Component Manufacturer

Name : Gabriel India Limited

Address : 29th Milestone, Pune-Nashik Highway  
Pune, Maharashtra FOREIGN STATES 410501

Country : India

## Chronology :

There have not been any reported cases that have resulted in accidents injuries or fatalities.

July 08, 2016

A fleet operator of GenZe electric motor driven cycles (Enterprise1 model) reported that a shock tube displaced upwards into the triple tree, affecting steering performance. Fleet operator repaired by resetting and tightening the triple-tree pinch bolts. GenZe initiated an investigation.

July 15, 2016

GenZe determined that the front suspension manufacturer's machining and assembly practices can result in insufficient clamping force on the shock tube. The triple-tree pinch bolts have a shank section. On some production pieces, the bolt shank section extends further into the clamp than designed; the shank can seat against the top of threads, preventing the pinch bolt from tightening the clamp.

## Description of Remedy :

Description of Remedy Program : GenZe will supply new bolts and washers which will ensure proper pinch bolt installation and clamp force. Owners of all affected vehicles will be contacted by mail or telephone and asked to take their vehicle to a qualified service provider or arrange for GenZe staff to install new pinch bolts and washers. GenZe will provide all remedial service free of charge.

How Remedy Component Differs from Recalled Component : The presence of two washers under each pinch bolt head and a green paint mark across the bolt head

Identify How/When Recall Condition was Corrected in Production : All new GenZe electric motor driven cycle front suspensions will have the washers installed and clamping force verified or a front suspension verified for proper pinch bolt engagement and clamping force.

## Recall Schedule :

Description of Recall Schedule : GenZe will begin dealer and customer notification as soon as NHTSA assigns a recall number

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported