

Part 573 Safety Recall Report**14V-793****Manufacturer Name :** Terex Advance**Submission Date :** DEC 12,2014**NHTSA Recall No. :** 14V-793**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Terex Advance

Address : 7727 Freedom Way

Fort Wayne IN 46818

Company phone : 999

Population :

Number of potentially involved : 553

Estimated percentage with defect : 1

Vehicle Information :

Vehicle : 2013-2015 Terex Advance Front Discharge Concrete Mixer Truck

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Front discharge concrete mixer truck; diesel power, 6x6 drive with optional lift axles as required by DOT regulations for state of destination / primary usage.

Production Dates : AUG 20, 2012 - DEC 05, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Front axle leaf spring rear pin castellated retaining nut not properly secured. Other castellated nuts used in front axle suspension & steering system(s) potentially not correctly secured.

Description of the Safety Risk : One end (rear) of front axle spring could become partially disconnected from front suspension hanger; resulting in steering difficulty.

Description of the Cause : This incorrect assembly issue resulted from a combination of inexperienced assembly team members and lack of adequate assembly procedures which presupposed the knowledge to correctly tighten and retain the fasteners in question.

Identification of Any Warning that can Occur : Sudden increase in steering system 'play' from LH to RH positions, slight drop in front suspension ride height on either side.

Supplier Identification :

Component Manufacturer

Name : Terex Advance Mixer, Inc.

Address : 7727 Freedom Way

Fort Wayne INDIANA 46818

Country : United States

Chronology :

An improperly installed castle nut missing the cotter pin was reported on 12/03/14 for VIN GL1079. A missing cotter pin was reported on 12/02/14 for VIN GL1049, resulting in front axle tie-rod separation. An investigation was launched, and this issue was determined to be a safety defect on 12/05/2014.

Description of Remedy :

Description of Remedy Program : Instruct suspect population customers to visually inspect vehicle for improperly installed castle nuts and the presence of correctly installed cotter pins. It is recommended that any vehicles that have this defect should be taken out of service until the remedy can be applied. Any impacted vehicles will be supplied with the appropriate hardware and installation instructions at no cost to the customer.

How Remedy Component Differs from Recalled Component : The remedy component(s) are the same as original design components.

Identify How/When Recall Condition was Corrected in Production : TAM Engineering and Quality Assurance team has inspected all units currently in production / any stage of pre-delivery, starting on 12/5/2014. TAM Quality Alert QA120514-01 has been issued to the production facility. Inspection documents were updated to include verification of correct castle nut installation and presence of correctly installed cotter pin.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported