

Part 573 Safety Recall Report

17V-641

Manufacturer Name : Caterpillar Inc.**Submission Date :** OCT 11, 2017**NHTSA Recall No. :** 17V-641**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Caterpillar Inc.

Address : 100 N.E. Adams Street

Peoria IL 61629-7150

Company phone : 309-494-3319

Population :

Number of potentially involved : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 Caterpillar (Navistar) CT660S

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 33,001 to 55,001 and over; built with Spicer D or E series steer axles which were built during timeframe communicated by Dana and then Navistar to potentially have had incorrect torque applied.

Production Dates : MAR 25, 2015 - MAR 31, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : As reported by Dana in 17E-041, in affected steer axles, the castellated nut and cotter pin may not have been tightened to their specified assembly torque. As a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering. If a vehicle operator continues to operate the vehicle in spite of this advanced warning, the tie rod may in rare instances become disconnected from the knuckle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As reported by Dana in 17E-041, if the tie rod disconnects from the steering knuckle, the driver may lose full control of a vehicle wheel (normally the right front tire).

Description of the Cause : As reported by Dana in 17E-041, the castellated nuts in the tie rods may not have been properly torqued during assembly.

Identification of Any Warning that can Occur : As reported by Dana in 17E-041, a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering.

Supplier Identification :**Component Manufacturer**

Name : Dana Driveshaft Manufacturing, LLC
Address : 3939 Technology Drive
Maumee OHIO 43537
Country : United States

Chronology :

See Navistar initial report 17V-575, and Dana report 17E-041, which are incorporated herein by reference. October 10, 2017 - Navistar informed Caterpillar of their defect determination involving Dana campaign 17E-041 which affected some vehicles sold under the Caterpillar brand name. Navistar also provided information on the defect and the units affected. Caterpillar declared a safety recall would be initiated.

Description of Remedy :

Description of Remedy Program :	<ul style="list-style-type: none">• As reported by Dana in 17E-041, the remedy will involve inspection of all units in the suspect population to ensure the castellated nuts in the tie rods are tightened to their specified assembly torque and on units in which the nuts cannot be sufficiently torqued, the tie rod stud and knuckle will be replaced.• The remedy will be free of charge; if a customer has had their vehicle repaired for this condition prior to receipt of notice and incurred any costs, they will be eligible for reimbursement by contacting Caterpillar. These reimbursement instructions will be included in the customer notification instructions.
How Remedy Component Differs from Recalled Component :	The inspection campaign will check and (where needed) correct castle nut torque and will replace parts damaged.
Identify How/When Recall Condition was Corrected in Production :	As reported by Dana in 17E-041, Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

Recall Schedule :

Description of Recall Schedule : Caterpillar will issue the recall through a Safety Product Improvement Program (SPIP) to remedy the defect. Dealer notification and customer notification letters will be sent no more than 60 days from the submission of this report.

Planned Dealer Notification Date : DEC 01, 2017 - AUG 28, 2018

Planned Owner Notification Date : DEC 08, 2017 - SEP 04, 2018

* NR - Not Reported