

Part 573 Safety Recall Report

20E-038

Manufacturer Name : Dana Incorporated

Submission Date : MAY 28, 2021

NHTSA Recall No. : 20E-038

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Dana Incorporated

Address : 3939 Technology Drive

Maumee OH 43537

Company phone : 419-887-3000

Population :

Number of potentially involved : 1,010

Estimated percentage with defect : 60 %

Equipment Information :

Brand / Trade 1 : Dana Heavy Vehicle System

Model : Output Shaft – 131536

Part No. : 131536

Size : NR

Function : OS in DriveAxle

Descriptive Information : The issue potentially affects the output shaft component of certain drive axles manufactured for commercial vehicles and distributed by Dana. Dana has identified the manufacturing dates of potentially affected units and customers. Dana has already communicated with all potentially affected customers.

Production Dates : NOV 19, 2019 - DEC 05, 2019

Description of Defect :

Description of the Defect : Certain output shafts built in front rear drive axles may not have been properly heat treated, which can cause the shaft to fracture at the transition of the shaft splines to the thread.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the rear axle output shaft fractures, the shaft or interaxle driveline could detach from the vehicle and cause an accident or injury.

Description of the Cause : Improper machine settings during the induction hardening process resulted in the over heat treatment of certain output shafts.

Identification of Any Warning that can Occur : The driver may experience vibration before a detachment from the vehicle.

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On or about December 6, 2019, Dana received a report from customer PACCAR of the fracture and detachment of a driveline yoke retaining nut and threaded portion of an output shaft. Dana promptly initiated a diligent investigation to assess the potential issue and confirmed a potential output shaft heat treatment issue.

With Dana's cooperation, PACCAR submitted a Part 573 report to the Agency on or about December 19, 2019.

On or about June 1, 2020, Dana received from the Agency a request to complete a single purchaser response in connection with the referenced PACCAR notification. To prepare its response, Dana undertook a diligent investigation, which revealed additional customers to whom Dana had supplied the potentially-affected output shafts. Dana thereafter promptly submitted this report.

As part of its investigation, Dana became aware that its quality team had previously initiated communications with other potentially-affected customers, instructing them to inspect and replace the output shafts covered by this notice.

Description of Remedy :

Description of Remedy Program : Dana will inspect and then replace any output shafts that have not been properly heat treated.

How Remedy Component Differs from Recalled Component : The replacement output shafts differ from the output shafts covered by this notice in that they have been properly heat treated.

Identify How/When Recall Condition was Corrected in Production : Dana began initiating process improvements to detect and prevent the recall condition as early as December 16, 2019.

Recall Schedule :

Description of Recall Schedule : All parts subject to this recall notification are within OEM inventory. None of the subject parts have been sold to end users. Dana has nonetheless prepared and submitted for NHTSA's approval an end-user notification letter, in an abundance of caution.

Planned Dealer Notification Date : JUL 13, 2020 - JUL 13, 2020

Planned Owner Notification Date : JUL 29, 2020 - AUG 25, 2020

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Crane Carrier Company

Address : 1951 Reiser Avenue SE
New Philadelphia OH 44663

Country : US

Company Phone : NR

Name : PACCAR Inc.

Address : 777 106th Avenue N.E.
Bellevue WA 98004

Country : US

Company Phone : NR

Name : Hino Motor Manufacturing USA Inc.

Address : 45501 Twelve Mile Rd.
Novi MI 48377

Country : US

Company Phone : NR

Name : Link Belt

Address : 2651 Palumbo Dr.
Lexington KY 40509

Country : US

Company Phone : NR

Name : Navistar Inc.
Address : 2701 Navistar Dr
Lisle IL 60532
Country : US
Company Phone : NR

Name : Load King LCC
Address : 7701 Independence Avenue
Kansas City MO 64125
Country : US
Company Phone : NR

Name : Terex Advance Mixer
Address : 7727 Freedom Way
Fort Wayne IN 46818
Country : US
Company Phone : NR

Name : MB Company Inc. Of Wisconsin
Address : 1200 Park St.
Chilton WI 53014
Country : US
Company Phone : NR

Name : Oshkosh Trucks Corp.
Address : 1130 Morrison Rd.
Columbus OH 43230
Country : US
Company Phone : NR

Name : Seagrave Fire Apparatus LLC
Address : 105 E 12th St.
Clintonville WI 54929
Country : US
Company Phone : NR

Name : Daimler Trucks North America LLC
Address : 4555 N. Channel Ave.
Portland OR 97217
Country : US
Company Phone : NR

Name : LTG RV & Trailer Sales LP

Address : 5424 Rufe Snow Drive 502
Fort Worth TX 76180

Country : US

Company Phone : NR

* NR - Not Reported