

Part 573 Safety Recall Report

23E-052

Manufacturer Name : Dana Incorporated

Submission Date : SEP 20, 2023

NHTSA Recall No. : 23E-052

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 : 2,247

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Dana – Spicer

Model : SPL100 DS/CS

Part No. : See below

Size : NR

Function : Driveshaft

Descriptive Information : This issue potentially affects certain driveshafts manufactured with components supplied to Dana with non-conforming material from two specific production lots.

Production Dates : AUG 05, 2022 - SEP 14, 2022

Description of Defect :

Description of the Defect : Due to the supplier's use of non-conforming material in its production processes, the specified driveshafts do not meet specification and can break in certain high loading conditions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event a driveshaft breaks, it can separate from the vehicle, which could increase the risk of a crash.

Description of the Cause : Due to an error in the supplier's production processes, non-conforming material was used to manufacture the specified driveshafts.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : Tube

Component Description : Rolled metal tube

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Productos Especializados de Acero, S.A.

Address : Eje 130 No. 135

San Luis Potosi San Luis Potosi Foreign States 78395

Country : Mexico

Chronology :

In or about late April 2023, Dana received notice from its customer, Freightliner, reporting a driveshaft separation. Dana promptly requested return of the failed parts, and initiated an investigation, including materials analysis, to evaluate the report. While Dana's investigation was ongoing, on or about May 25, 2023, Dana received report of a driveshaft separation from customer, Navistar. Dana promptly requested return of this failed part, and initiated an investigation, including materials analysis, to evaluate this report. That materials analysis concluded on June 28, 2023, which the engineering team reviewed on June 29, 2023, prompting a safety committee meeting on June 30, 2023. The safety committee determined the need for this report.

Description of Remedy :

Description of Remedy Program : At no cost to the customer, Dana will replace all units that are the subject of this report. Dana will reimburse pre-notification remedies in accordance with its reimbursement plan.

How Remedy Component Differs from Recalled Component : The issue is isolated to two manufacturing lots in which the non-conforming components were incorporated, August 5-10, 2022, and September 8-14, 2022. Replacement driveshafts will not be manufactured with the non-conforming components.

Identify How/When Recall Condition was Corrected in Production : The recall condition was caused by a supplier's use of non-conforming tubing material at the start of production runs, whereas protocol bars use of that material. The supplier reports that it has enhanced its process for identification and control of non-conforming material to prevent a recurrence of this issue.

Recall Schedule :

Description of Recall Schedule : Dana provided notice to its OEM customers along with draft dealer and end-user notification letters. Dana understands that the OEMs will notify end users and dealers. Dana can begin offering the recall remedy immediately in limited quantities.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 13, 2023 - SEP 13, 2023

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 : PACCAR

Address : NR

NR

Country : US

Company Phone : NR

Name : Daimler Truck North America

Address : NR

NR

Country : US

Company Phone : NR

Name : Navistar

Address : NR

NR

Country : US

Company Phone : NR

* NR - Not Reported