
From: Durnwald, Dave <[REDACTED]>
Sent: Wednesday, July 26, 2023 9:51 AM
To: Geser, Sam (164)
Subject: RE: Warranty / Recall Contacts
Attachments: DTNA Shipments.xlsx; RCLRPT-23E052-8901.PDF

Hello Sam,

Attached is a copy. There were 165 shafts identified from the suspect lot# and shipped to Daimler (on 9-9-22 and 9-15-22) that may have a defect in the tube weld.

The defect is an incomplete seam weld that may result in a weak tube. The number effected from the lots/population identified suspected to be less than 1%.

The attached is the part list and ship dates specific to the parts identified.

Claim Detail:

Full chronology is in the 573. Daimler truck VIN# 3ALACWFC6PD [REDACTED] had a failure and a claim was submitted to Dana on 4/2023 for review.

In service date of vehicle 11/28/2022

Miles at failure 665

Problem Description:

Longitudinal tube weld failure.

Model is the Dana SPL 100 driveshaft.

The failure mode was a tube fracture at low mile/high load startup event causing loss of drive.

Cause: The process to discard/segregate tubing at the start/end of the weld process failed. Corrective actions will be highlighted in the final 8D.



Customer	Part Number	Dana Serial number	Job / set	Ship Date from Dana
DTNA	100cs54004-945m	9761049	929	9/9/2022
DTNA	100cs54004-972m	9761059	929	9/9/2022
DTNA	100cs54004-972m	9761061	929	9/9/2022
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DTNA	100cs54004-998m	9761064	929	9/9/2022
DTNA	100cs54004-998m	9761066	929	9/9/2022
DTNA	100cs54004-998m	9761067	929	9/9/2022
DTNA	100cs54004-998m	9761068	929	9/9/2022
DTNA	100cs54004-998m	9761069	929	9/9/2022
DTNA	100cs54004-998m	9761071	929	9/9/2022
DTNA	100cs54004-1023m	9761072	929	9/9/2022
DTNA	100cs54004-1023m	9761073	929	9/9/2022
DTNA	100cs54004-1036m	9761074	929	9/9/2022
DTNA	100cs54004-1036m	9761075	929	9/15/2022
DTNA	100cs54004-1036m	9761076	929	9/9/2022
DTNA	100cs54004-1036m	9761077	929	9/9/2022
DTNA	100cs54004-1036m	9761079	929	9/15/2022
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DTNA	100cs54004-1074m	9761240	929	9/9/2022
DTNA	100cs54004-1074m	9761241	929	9/9/2022
DTNA	100cs54004-1074m	9761288	929	9/9/2022
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DTNA	100CS54004G-1190M	9762900	931	9/15/2022
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DTNA	100CS54004G-1190M	9762907	931	9/15/2022
DTNA	100CS54004G-1190M	9762908	931	9/15/2022
DTNA	100CS54004G-1190M	9762909	931	9/15/2022

Part 573 Safety Recall Report

23E-052

Manufacturer Name : Dana Incorporated

Submission Date : JUL 10, 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 : Peasa

Address : NR

NR

Country : NR

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.

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 will promptly provide notice to its customers. Dana can begin offering the recall remedy immediately in limited quantities.

Planned Dealer Notification Date : JUL 24, 2023 - JUL 24, 2023

Planned Owner Notification Date : JUL 24, 2023 - JUL 24, 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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported