

Defect Information Report

(Section 573.6)

FL-924

Date of Submission: March 31, 2022

Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208

Type of Report: **Safety Defect** **Non-Compliance**

Vehicle Information

Model Yr. Start: 2023 **Model Yr. End:** 2023

Make: Western Star

Model: 4900

Production Dates: **Begin:** 02/28/2022 **End:** 03/08/2022

Type: Truck

Descriptive Information: On a limited production run of WST 4900 vehicles built within the above manufacturing date range at a DTNA manufacturing plant, equipped with a certain chassis frame mounted inversion valve, a supply shortage led to use of a replacement valve. On vehicles with the replacement valve, production operators at the manufacturing facility may have been interchanging the brake airline that connects the control port with the one that connects the balance port.

Number potentially involved: 13 **Estimated percentage of involve with defect:** 100%

Basis for Determination of the Recall Population: vehicles known to have received the replacement valve.

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

Swapped airlines at the inversion valve, which if coupled with failure points in the primary air circuit, may potentially result in reduced brake effectiveness.

If a noncompliance, provide the applicable FMVSS: N/A

Describe the safety risk:

Reduced brake effectiveness may lead to a vehicle crash.

Identify any warning, which can precede or occur: In certain cases, related to air leaks, an auditory warning and a dash telltale will alert the driver about loss of brake air pressure and diminished brake effectiveness.

If applicable, identify the manufacture of the defective or noncompliant component: N/A

Involved Components

Component Name: Inversion Valve Plumbing

Component Description: Pneumatic Valve Plumbing

Component Part Number: Plumbing to BW 103081

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.

On March 17, 2022, DTNA compliance was notified by the manufacturing facility regarding the inversion valve plumbing quality spill within a contained population. On March 23, 2022, as soon as DTNA had sufficient information from its investigation, and out of abundance of caution, DTNA decided to conduct a voluntary safety recall on certain WST 4900 vehicles built within the above mentioned manufacturing date range, equipped with a certain chassis frame mounted inversion valve.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacturer's plan for reimbursement.

Airlines connected to inversion valve will be inspected and repaired accordingly. Repairs will be performed by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.

Identify the Recall Schedule

Describe the recall schedule for notifications:

Customer notification will be made by first class mail using Daimler Truck North America records to determine the customers affected.

Planned Dealer Notification Begin Date: 05/29/2022

Planned Dealer Notification End Date: 05/29/2022

Planned Owner Notification Begin Date: 05/29/2022

Planned Owner Notification End Date: 05/29/2022

Manufacture's identification code for this recall (if applicable): FL-924

DTNA Representative;

A handwritten signature in cursive script that reads "Tiffani Torgeson". The signature is written in black ink and is positioned to the left of a vertical red line.

Tiffani Torgeson
Manager, Compliance and Regulatory Affairs