OMB Control No.: 2127-0004

Part 573 Safety Recall Report

24V-250

Manufacturer Name: Daimler Trucks North America, LLC

Submission Date: APR 03, 2024 NHTSA Recall No.: 24V-250 Manufacturer Recall No.: FL999



Manufacturer Information:

Manufacturer Name: Daimler Trucks North America, LLC

Address: 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone: 800-745-8000

Population:

Number of potentially involved: 29,092 Estimated percentage with defect: 1 %

Vehicle Information:

Vehicle 1: 2023-2024 Freightliner 108SD

Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER Power Train : DIESEL

Descriptive Information: This recall population includes certain model year 2023 and 2024 Freightliner and

Western Star vehicles manufactured at DTNA's Mexico production facilities and equipped with ULA18x aluminum steer axle wheels which were manufactured at Alcoa's Mexico facility from the Start of Production (SOP) of this specific wheel design family to the manufacturing clean point as defined by the supplier (7/21/23) at Alcoa MEX and chassis start date 8/15/23 at DTNA MEX). Vehicles produced outside of DTNA's Mexico facility do not use wheels produced by the supplier's Mexico facility and are not included in the recall population. The vehicle population has been

determined based on the information currently provided by Alcoa and DTNA's

production records.

Production Dates: NOV 29, 2022 - MAY 25, 2023

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2:	: 2023-2024 Freightliner 114SD						
	BUSES, MEDIUM & HEAVY VEHICLES						
Body Style :							
Power Train :							
Descriptive Information :	Western Star ve equipped with U Alcoa's Mexico f design family to Alcoa MEX and o of DTNA's Mexico and are not include	chicles manuface JLA18x aluminus acility from the the manufactus chassis start date of acility do no uded in the recated on the informatical actions.	tured at um stee e Start o ring clea te 8/15 t use wl all popu	t DTNA's Mexico product r axle wheels which wo of Production (SOP) of an point as defined by /23 at DTNA MEX). Ve	ection facilities and ere manufactured at this specific wheel the supplier (7/21/23 at hicles produced outside supplier's Mexico facility bulation has been		
Production Dates :	DEC 09, 2022 - JUN 28, 2023						
VIN Range 1:	Begin:	NR	End:	NR	■ Not sequential		
Vahicla 3 ·	2023-2023 Froi	ahtlinor 199SD					
	2023-2023 Freightliner 122SD BUSES, MEDIUM & HEAVY VEHICLES						
Body Style :		T & TILLY T VLI	ITOLLO				
Power Train :							
Descriptive Information :	Western Star ve equipped with U Alcoa's Mexico f design family to Alcoa MEX and o of DTNA's Mexic and are not include determined base production reco	chicles manuface JLA18x aluminus acility from the the manufactus chassis start day to facility do not uded in the recated on the informatics.	tured at um stee e Start o ring clea te 8/15 t use wl all popu	DTNA's Mexico product axle wheels which wo feels which wo feel of Production (SOP) of an point as defined by /23 at DTNA MEX). Ve	ection facilities and ere manufactured at this specific wheel the supplier (7/21/23 at hicles produced outside supplier's Mexico facility bulation has been		
Production Dates : VIN Range 1 :	,	AN 04, 2023 NR	End:	NP	☐ Not sequential		
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Vehicle 4:	2023-2024 Freig							
	BUSES, MEDIUM & HEAVY VEHICLES							
Body Style :	OTHER							
Power Train :	DIESEL							
Descriptive Information :	Western Star ve equipped with U Alcoa's Mexico f design family to Alcoa MEX and c of DTNA's Mexic and are not inclu	hicles manufach JLA18x aluming acility from the the manufactuch chassis start date to facility do not uded in the recated on the informatical properties.	tured at um stee e Start o ring cle te 8/15 et use w all popu	DTNA's Mex r axle wheels of Production an point as de /23 at DTNA heels produce lation. The ve	023 and 2024 Freightliner and ico production facilities and which were manufactured at (SOP) of this specific wheel efined by the supplier (7/21/23 at MEX). Vehicles produced outside ed by the supplier's Mexico facility chicle population has been wided by Alcoa and DTNA's			
Production Dates :	NOV 28, 2022 - AUG 14, 2023							
VIN Range 1:		NR	End:	NR	☐ Not sequential			
	2023-2024 Freig	•						
V -	BUSES, MEDIUM & HEAVY VEHICLES							
Body Style :								
Power Train :	DIESEL							
	Western Star ve equipped with U Alcoa's Mexico f design family to Alcoa MEX and c of DTNA's Mexic and are not include determined base production reco	hicles manuface JLA18x aluming facility from the the manufactu chassis start da to facility do no uded in the reca ted on the information.	tured at um stee e Start o ring cle te 8/15 et use w all popu	DTNA's Mex r axle wheels of Production an point as de /23 at DTNA heels produce lation. The ve	023 and 2024 Freightliner and ico production facilities and which were manufactured at (SOP) of this specific wheel efined by the supplier (7/21/23 at MEX). Vehicles produced outside ed by the supplier's Mexico facility chicle population has been wided by Alcoa and DTNA's			
Production Dates:								
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential			

Vehicle 6: 2024-2024 Western Star 57X

Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES

Body Style: OTHER Power Train: DIESEL

Descriptive Information: This recall population includes certain model year 2023 and 2024 Freightliner and

Western Star vehicles manufactured at DTNA's Mexico production facilities and equipped with ULA18x aluminum steer axle wheels which were manufactured at Alcoa's Mexico facility from the Start of Production (SOP) of this specific wheel design family to the manufacturing clean point as defined by the supplier (7/21/23 at Alcoa MEX and chassis start date 8/15/23 at DTNA MEX). Vehicles produced outside of DTNA's Mexico facility do not use wheels produced by the supplier's Mexico facility and are not included in the recall population. The vehicle population has been determined based on the information currently provided by Alcoa and DTNA's

production records.

Production Dates: JAN 19, 2023 - AUG 14, 2023

VIN Range 1 : Begin : End: NR Not sequential

Description of Defect:

Description of the Defect: A defect, which relates to motor vehicle safety, exists in certain model year

2023 through 2024 Freightliner Cascadia, Business Class M2, 122SD, 114SD, 108SD and Western Star 57X vehicles. On the affected vehicles, the inboard/ inner bead seat flange of the steer axle wheels may crack. With continued operation of the vehicle, the crack may progress to the point where wheel flange sections may fail and eventually separate from the wheel/rim.

FMVSS 1: NR FMVSS 2: NR

Description of the Safety Risk: If the cracks are not addressed and progress to the point of flange failure and

separation, this may damage the tire. Depending on the extent of steer tire damage, this could result in loss of vehicle control, potentially increasing the

risk of a crash.

Description of the Cause: NR

Identification of Any Warning If cracks, flange separation and/or low tire pressure are present, they may be

that can Occur: visually observed at pre/post trip or via a TPMS warning. If one or more

sections of the wheel flange begin to separate, vibrations are often induced into

the steering wheel.

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Component Name 1: Aluminum wheel

Component Description: WHEEL - HUB PILOT, 22.50 X 8.25 INCH, 660, FRONT, 10, 0.79

Component Part Number: ALUULA181 (DTNA part number)

Component Name 2: Aluminum wheel

Component Description: WHEEL - HUB PILOT, 22.50X8.25 INCH, 660 CB, 10, 0.79

Component Part Number: ALUULA187 (DTNA part number)

Component Name 3: Aluminum wheel

Component Description: WHEEL - HUB PILOT, 22.5X8.25 INCH, 660 BFR, 10, 0.79

Component Part Number: ALUULA181DB (DTNA part number)

Supplier Identification:

Component Manufacturer

Name: Howmet Aerospace, Inc USA ("Alcoa")

Address: 1616 Harvard Ave

Cleveland Ohio 44105

Country: United States

Chronology:

Refer attached chronology.

Description of Remedy:

Description of Remedy Program: DTNA is preparing a remedy, which is currently under development.

Repairs will be performed free of charge by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter. Owners are directed to seek

reimbursement through authorized dealers.

How Remedy Component Differs The recall component includes Alcoa wheels having a 'MADE IN MEXICO' from Recalled Component: manufacturing stamp and a 6-digit date code of 090122 through 072023. The remedy component will include wheels built and stamped 072123 and newer and will have been produced in accordance with the supplier's machining parameters.

Identify How/When Recall Condition The supplier advised DTNA that production processes were adjusted at was Corrected in Production: the supplier's Mexico facility in mid-July 2023. DTNA has included an additional 2-3 week period in the recall population to account for wheel shipping and assembly time.

Recall Schedule:

Description of Recall Schedule: Customer notification will be made by first class mail using Daimler

Trucks North America records to determine the customers affected.

Planned Dealer Notification Date: APR 23, 2024 - APR 23, 2024 Planned Owner Notification Date: JUN 02, 2024 - JUN 02, 2024

* NR - Not Reported