



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

November 4, 2022

Sam Geser  
CRA Manager  
Daimler Trucks North America, LLC  
4747 N Channel Ave  
Portland, OR 97217

NEF-107ES  
22V-817

**Subject:** Corroded Modulator Valve May Cause Brake Pull

Dear Sam Geser:

This letter serves to acknowledge Daimler Trucks North America, LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

FREIGHTLINER/108SD/2021  
FREIGHTLINER/114SD/2022  
FREIGHTLINER/CASCADIA/2017-2023  
FREIGHTLINER/BUSINESS CLASS M2/2020-2022  
WESTERN STAR/47X/2021-2023  
WESTERN STAR/49X/2020-2023  
WESTERN STAR/57X/2021-2022

**Mfr's Report Date:** November 1, 2022

**NHTSA Campaign Number:** 22V-817

**Components:**

FORWARD COLLISION AVOIDANCE: AUTOMATIC EMERGENCY BRAKING  
SERVICE BRAKES, AIR:SUPPLY:QUICK RELEASE VALVE

**Potential Number of Units Affected:** 218,147

**Problem Description:**

Daimler Trucks North America, LLC (DTNA) is recalling certain 2017-2023 Freightliner Cascadia, 2020-2022 Freightliner Business Class M2, 2021 Freightliner 108SD, and 2022 Freightliner 114SD, and 2020-2023 Western Star 49X, 2021-2023 Western Star 47X, and 2021-2022 Western Star 57X vehicles. The brake modulator valves may be affected by chemical corrosion which can slow down the release timing and cause the brakes to pull to the affected side during automatic braking events.

**Consequence:**

Brakes that pull to one side during automatic braking events may cause a sudden change in vehicle direction, increasing the risk of a crash.

**Remedy:**

Dealers will replace the front brake modulator valves, free of charge. Owner notification letters are expected to be mailed December 30, 2022. Owners may contact DTNA customer service at 1-800-547-0712. DTNA's number for this recall is FL-958. This recall expands and replaces previous recall 20V-390. All vehicles previously repaired under recall 20V-390 will need to have the new remedy performed.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.nhtsa.gov](http://www.nhtsa.gov). Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in Part 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Daimler Trucks North America, LLC's contact for this recall will be Emily C. Smith who may be reached by email at [emily.c.smith@dot.gov](mailto:emily.c.smith@dot.gov). We look forward to working with you.



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement