



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

1200 New Jersey Avenue SE
Washington, DC 20590

February 14, 2024

Mr. Matthew Schwall
Director, Safety & Incident Management
Waymo LLC
1600 Amphitheatre Parkway
Mountain View, CA 94043

NEF-107SS
24E-013

Subject: ADS Software Error May Cause Crash

Dear Mr. Schwall:

This letter serves to acknowledge Waymo 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:

WAYMO/5TH GENERATION ADS/9999

Mfr's Report Date: February 13, 2024

NHTSA Campaign Number: 24E-013

Components:

ELECTRICAL SYSTEM:ADAS:AUTONOMOUS/SELF DRIVING:SOFTWARE

Potential Number of Units Affected: 444

Problem Description:

Waymo LLC (Waymo) is recalling certain 5th Generation Automated Driving Systems (ADS) with software versions released prior to December 20, 2023. The ADS systems may inaccurately predict the movement of a towed vehicle.

Consequence:

Inaccurately predicting the movement of another vehicle increases the risk of a crash.

Remedy:

Waymo has updated the ADS software, free of charge. All affected vehicles were repaired by January 12, 2024.

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.

Please ensure the following requirements are met:

Per the requirements of 49 USC 30119, please provide the part number, name and description of the component or components involved in this recall. This information should be provided in an amended 573 in the "Involved Components" section.

AMENDED 573 REQUIRED.



Please provide a description of how the products to be recalled differ from similar products that are not included in the recall and how Waymo determined the scope of the affected population (49 CFR 573.6 (c)(2)).

AMENDED 573 REQUIRED.

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall should 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.

Waymo LLC's contact for this recall will be Sarah Shiver who may be reached by email at sarah.shiver@dot.gov. We look forward to working with you.

Sincerely,



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