



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

1200 New Jersey Avenue SE
Washington, DC 20590

April 6, 2023

Alicia Fenrick
Cruise LLC
333 Brannan
San Francisco, CA 94107

NEF-107SS
23E-029

Subject: ADS Software Error May Cause Crash

Dear Alicia Fenrick:

This letter serves to acknowledge Cruise 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:

CRUISE LLC/ADS SOFTWARE/9999

Mfr's Report Date: April 4, 2023

NHTSA Campaign Number: 23E-029

Components:

ELECTRICAL SYSTEM:ADAS:AUTONOMOUS/SELF DRIVING:SOFTWARE

Potential Number of Units Affected: 300

Problem Description:

Cruise LLC (Cruise) is recalling certain Automated Driving Systems (ADS) with software versions Delta/2023.01.12.00 and Delta/2023.02.09.00, prior to version Delta/2023.02.09.00-08.00. The ADS system may inaccurately predict the movement of articulated vehicles such as buses and tractor trailers.

Consequence:

Inaccurately predicting the movement of other vehicles increases the risk of a crash.

Remedy:

Cruise updated the ADS software, free of charge. All affected vehicles were repaired by March 25, 2023. Cruise's number for this recall is 23-01.

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 be reminded of the following requirements:



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 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 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. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Cruise 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