



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

1200 New Jersey Avenue SE  
Washington, DC 20590

October 16, 2023

Mr. Fabian Viteri  
Tesla, Inc.  
45500 Fremont Blvd  
Fremont, CA 95123

NEF-107SS  
23V-679

**Subject:** Failure to Detect Low Brake Fluid/FMVSS 135

Dear Mr. Viteri:

This letter serves to acknowledge Tesla, Inc.'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:**  
TESLA/MODEL X/2021-2023

**Mfr's Report Date:** October 11, 2023

**NHTSA Campaign Number:** 23V-679

**Components:**  
ELECTRICAL SYSTEM  
SERVICE BRAKES, HYDRAULIC: BRAKE FLUID LOW WARNING: SWITCH/SENSOR/FLOAT

**Potential Number of Units Affected:** 54,676

**Problem Description:**

Tesla, Inc. (Tesla) is recalling certain 2021-2023 Model X vehicles. The vehicle controller may fail to detect low brake fluid and will not display a warning light. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard number 135, "Light Vehicle Brake Systems."

**Consequence:**

Without a warning light, the vehicle may be driven with low brake fluid, which can reduce braking performance and increase the risk of a crash.

**Remedy:**

Tesla has released an over-the-air (OTA) software update, free of charge. Owner notification letters are expected to be mailed December 12, 2023. Owners may contact Tesla customer service at 1-877-798-3752. Tesla's number for this recall is SB-23-00-005.

**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).

Under 49 U.S.C. § 30112(a), it is illegal for anyone, including a manufacturer, distributor, dealer, or retailer to sell an item of equipment or vehicle that fails to comply with all applicable Federal motor vehicle safety standards.

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.

Tesla, Inc.'s contact for this recall will be Sarah Shiver who may be reached by email at [sarah.shiver@dot.gov](mailto:sarah.shiver@dot.gov). We look forward to working with you.

Sincerely,



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