



U.S. Department of Transportation

**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

November 04, 2025

25V744

Brad Wyatt  
Toyota Motor Engineering & Manufacturing  
6565 Headquarters Drive  
Plano, TX 75024

**Subject:** Rearview Camera Image May Not Display/FMVSS 111

Dear Brad Wyatt:

This letter serves to acknowledge Toyota Motor Engineering & Manufacturing'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:**

LEXUS/NX HYBRID/2022-2025  
TOYOTA/BZ4X/2023-2025  
TOYOTA/MIRAI/2023-2025  
TOYOTA/VENZA HYBRID/2023-2024  
TOYOTA/HIGHLANDER HYBRID/2023-2025  
TOYOTA/HIGHLANDER/2023-2025  
SUBARU/SOLTERRA/2023-2025  
LEXUS/ES HYBRID/2023-2025  
TOYOTA/RAV4/2023-2025  
TOYOTA/RAV4 HYBRID/2023-2025  
TOYOTA/PRIUS/2023-2025  
TOYOTA/RAV4 PRIME/2023-2024  
LEXUS/LC HYBRID/2024-2025  
LEXUS/RZ/2023-2025  
LEXUS/LC/2024-2025  
LEXUS/RX/2023-2026  
TOYOTA/CROWN/2023-2026  
TOYOTA/PRIUS PRIME/2023-2024  
TOYOTA/GRAND HIGHLANDER/2024-2026  
TOYOTA/GRAND HIGHLANDER HYBRID/2024-2026  
LEXUS/RX HYBRID/2023-2025  
LEXUS/NX/2022-2025  
LEXUS/LX/2022-2025  
LEXUS/ES/2023-2025

LEXUS/LS/2023-2025  
LEXUS/TX/2024-2026  
LEXUS/LS HYBRID/2023-2025  
LEXUS/TX HYBRID/2024-2026  
LEXUS/GX/2024-2025  
TOYOTA/CAMRY HYBRID/2025-2026  
TOYOTA/LAND CRUISER/2024-2025  
TOYOTA/SIENNA HYBRID/2025  
TOYOTA/CROWN SIGNIA/2025  
TOYOTA/PRIUS PLUG-IN HYBRID/2025  
LEXUS/LX HYBRID/2025  
TOYOTA/RAV4 PLUG-IN HYBRID/2025  
LEXUS/NX PLUG-IN HYBRID/2023  
LEXUS/RX PLUG-IN HYBRID/2024-2026  
LEXUS/TX PLUG-IN HYBRID/2024-2026

**Mfr's Report Date:** October 30, 2025

**NHTSA Campaign Number:** 25V744

**Components:**

BACK OVER PREVENTION:DISPLAY FUNCTION

**Potential Number of Units Affected:** 1,024,407

**Problem Description:**

Toyota Motor Engineering & Manufacturing (Toyota) is recalling certain 2022-2026 Toyota, Lexus, and Subaru Solterra vehicles equipped with a Panoramic View Monitor (PVM) system. Please see the recall report for a complete list of models. A software error may cause the rearview camera to freeze or display a blank screen when the vehicle is in reverse. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 111, "Rear Visibility."

**Consequence:**

A rearview camera that fails to display an image can reduce the driver's view behind the vehicle, increasing the risk of a crash.

**Remedy:**

Dealers will update the parking assist software, free of charge. Interim letters notifying owners of the safety risk are expected to be mailed December 16, 2025. Additional letters will be sent once the final remedy is available. Owners may contact Toyota's customer service at 1-800-331-4331. Toyota's numbers for this recall are 25TB13 and 25LB06. Subaru's number for this recall is WRE25.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-888-275-9171), or go to [www.nhtsa.gov](http://www.nhtsa.gov).

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.

Toyota Motor Engineering & Manufacturing's contact for this recall will be Debora Crews who may be reached by email at [debora.crews@dot.gov](mailto:debora.crews@dot.gov). We look forward to working with you.

Sincerely,

*Alex Ansley*

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