



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V559

Manufacturer Name: VinFast Auto, LLC

Submission Date: Aug 28, 2025

NHTSA Recall No.: 25V559

Manufacturer Recall No.: VPAC-379

Manufacturer Information

Population

Manufacturer Name: VinFast Auto, LLC

Address: 12777 W Jefferson Blvd.
Ste. 101-A
Los Angeles CA, 90066

Total number of potentially involved: 6,314

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2025 VINFAST VF 8

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Oct 12, 2022 - Dec 23, 2024

Number of potentially involved: 6,314

Descriptive Information:

VinFast worked cooperatively with NHTSA to review the ADAS system steering performance. VinFast is voluntarily recalling 6,314 2023–2025 MY VinFast VF 8 vehicles to update the ADAS software calibration. The updated software will refine system tuning to provide smoother and more consistent steering behavior.

Defect / Noncompliance Description

Description of the defect or noncompliance:

In certain wide and sweeping turns, the ADAS can activate and provide steering inputs that are difficult for the driver to override, possibly resulting in the need for unexpected steering adjustment by the driver.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

In certain wide and sweeping turns, drivers unfamiliar with the VinFast VF 8 ADAS may find the level

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and feel of its intervention unexpected, which may increase the risk of crash.

Description of the cause:

The tuning of torque ratios for the various ADAS functionalities.

Identification of any warning that can occur:

Each ADAS intervention is accompanied by the warning telltale on the Main Display Unit ("MDU").

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Mando Corporation

Address: 32 Hamanho-gil, Poseung-eup
Pyeongtaek-si
Gyeonggi-do Foreign States, 17962

Country: Korea, Republic Of

Tier of Supplier: Tier 1

Supplier Type:

Name: ZF Automotive Systems (Shanghai) Co., Lt

Address: No.188 Bai An Road, Anting
Jiading District
Shanghai Foreign States, 201814

Country: China

Tier of Supplier:

Supplier Type:

Name: Quanta Computer Inc

Address: No.211, Wenhua 2nd Road
Guishan District
Taoyuan Foreign States, 33377

Country: Taiwan, Province Of China

Involved Components

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25V559**Component Name 1:** SCAM**Component Description:** Camera function to detect road objects, road users, lane markings, road edges, traffic signage information and send it to ADCU.**Component Part Number:** EEP30008100**Component Name 2:** EPS (Electric Power Steering)**Component Description:** The EPS has an electric motor which controls the vehicle steering. With an electric motor, EPS controls and assists vehicle steering and provides an optimal and comfortable steering feel to the user.**Component Part Number:** CHS30004091**Component Name 3:** ADCU**Component Description:** The ADCU is a centralized ADAS controller that integrates the LKA functions including the data from the front camera (SCAM), processes the information, and sends commands to other modules such as EPS.**Component Part Number:** EEP30008032

Chronology

On September 10, 2024, the National Highway Traffic Safety Administration (NHTSA) opened a Preliminary Evaluation (PE) regarding the Lane Keeping Assist (LKA) feature on the VinFast VF 8. NHTSA requested information about system operation under various driving conditions. VinFast worked cooperatively with NHTSA to review the system and assess opportunities for refinement.

As a result of VinFast testing, combined with NHTSA's feedback, certain steering dynamics were identified including the LKA system hugging the inside line. VinFast and NHTSA agreed that the system could be adjusted to deliver a smoother and more consistent LKA performance. There have been no crashes or injuries related to this condition in the United States.

VinFast will conduct a voluntary recall of all VF 8 vehicles. The purpose of the recall is to update system software and calibration to refine steering control and improve overall driving smoothness.

The recall will be performed at no cost to owners and is expected to begin on October 31, 2025. Owners will be notified and asked to bring their vehicle to an authorized VinFast service center or dealership to receive the update.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

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Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

VinFast will update the software of the ADAS to: (i) reduce the amount of steering wheel vibration when activating ADAS; (ii) make it easier for the driver to override ADAS systems; and (iii) slow the transition time from the vehicle to the driver when ADAS systems are activated.

How remedy component differs from recalled component:

The software update will modify the tuning of various ADAS systems as described above.

Identify how/when recall condition was corrected in production:

Conditions will be corrected after the software update.

Reimbursement Plan

Description of reimbursement program:

VinFast will correct this condition at no cost to the dealers or the customers.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

September 05, 2025: Start dealer notifications.
October 24, 2025: Mail customer notification letters.
October 31, 2025: Begin Recall Campaign rollout.

Planned Dealer Notification Date: Sep 05, 2025

☐ No Dealers

Planned Interim Owner Notification Date: Oct 24, 2025

☐ No Owners

Planned Remedy Owner Notification Date: Oct 31, 2025

☐ Phased Recall

Date when VIN will be searchable: