

VinFast tests Level 2++ driver-assistance system with Autobrains

10-Jul-2026 13:23 GMT

IHS Markit

Mobility Global

Supply Chain and Technology, Automotive

The program covers the VF 8 and VF 9 models and a Robo-Car architecture under evaluation in controlled zones in Hanoi

VinFast is pilot testing a Level 2++ driver-assistance system on its VF 8 and VF 9 with Autobrains, as it develops enhanced systems for a next-generation vehicle platform. The Vietnamese automaker and Autobrains, an AI firm focused on automotive intelligence, are working on improving driver-assistance functions for production vehicles and developing a concept architecture called Robo-Car.



Source: Getty Image/ Scharfsinn86

The Robo-Car system uses seven production-grade cameras and a compact computing platform that can process approximately 20 trillion operations per second. It does not use LiDAR or high-definition mapping, instead relying on Autobrains' Agentic AI and Air-to-Road localization, which combines live camera data with satellite imagery.

VinFast's current electric vehicle (EV) lineup is equipped with Level 2 advanced driver assistance systems (ADAS), including adaptive cruise control, lane centring assist, automatic emergency braking and intelligent speed assist. The company is now developing enhanced Level 2+ and Level 2++ capabilities.

The Robo-Car architecture is being evaluated in controlled zones in Hanoi. VinFast plans to expand testing to larger urban environments and international markets. The program emphasizes phased validation, with each stage requiring real-world testing and safety confirmation before deployment.

This content may be AI-assisted and is composed, reviewed, edited and approved by Mobility Global.

CONTACTS

The Americas

+1 877 863 1306

Europe, Middle East & Africa

+44 20 7176 1234

Asia-Pacific

+852 2533 3565

www.mobilityglobal.com

Copyright © 2026 Mobility Global. All rights reserved.

These materials, including any software, data, processing technology, information, research, forecasts, model, software or other application or output described herein, or any part thereof (collectively the “Property”) constitute the proprietary and confidential information of Mobility Global Inc. and its affiliates (each and together “Mobility Global”) and/or its third-party provider licensors. Mobility Global on behalf of itself and its third-party licensors reserves all rights in and to the Property. These materials have been prepared solely for information purposes based upon information generally available to the public and from sources believed to be reliable.

Any copying, reproduction, reverse-engineering, modification, distribution, transmission or disclosure of the Property, in any form or by any means, is strictly prohibited without the prior written consent of Mobility Global. The Property shall not be used for any unauthorized or unlawful purposes. Mobility Global's opinions, statements, estimates, projections, quotes and other analyses are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security, and there is no obligation on Mobility Global to update the foregoing or any other element of the Property. The Property and its composition and content are subject to change without notice.

THE PROPERTY IS PROVIDED ON AN “AS IS” BASIS. NEITHER MOBILITY GLOBAL NOR ANY THIRD PARTY PROVIDERS (TOGETHER, “MOBILITY GLOBAL PARTIES”) MAKE ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE PROPERTY'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE PROPERTY WILL OPERATE IN ANY SOFTWARE OR HARDWARE CONFIGURATION, NOR ANY WARRANTIES, EXPRESS OR IMPLIED, AS TO ITS ACCURACY, AVAILABILITY, COMPLETENESS OR TIMELINESS, OR TO THE RESULTS TO BE OBTAINED FROM THE USE OF THE PROPERTY. MOBILITY GLOBAL PARTIES SHALL NOT IN ANY WAY BE LIABLE TO ANY RECIPIENT FOR ANY INACCURACIES, ERRORS OR OMISSIONS REGARDLESS OF THE CAUSE. Without limiting the foregoing, Mobility Global Parties shall have no liability whatsoever to any recipient, whether in contract, in tort (including negligence), under warranty, under statute or otherwise, in respect of any loss or damage suffered by any recipient as a result of or in connection with the Property, or any course of action determined, by it or any third party, whether or not based on or relating to the Property. In no event shall Mobility Global be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees or losses (including without limitation lost income or lost profits and opportunity costs or losses caused by negligence) in connection with any use of the Property even if advised of the possibility of such damages. The Property should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions.

The Mobility Global logo is a registered trademark of Mobility Global, and the trademarks of Mobility Global used within this document or materials are protected by international laws. Any other names may be trademarks of their respective owners.

The inclusion of a link to an external website by Mobility Global should not be understood to be an endorsement of that website or the website's owners (or their products/services). Mobility Global is not responsible for either the content or output of external websites.