

News Release

FOR IMMEDIATE RELEASE

Hitachi Automotive Systems and Mazda Jointly Develop New Vehicle Motion Control Technology “G-Vectoring Control Plus”

Tokyo, October 11, 2018 —Hitachi Automotive Systems, Ltd. today announced that it has jointly developed G-Vectoring Control Plus (GVC Plus) with Mazda Motor Corporation, the second in Mazda’s SKYACTIV-VEHICLE DYNAMICS series of new generation vehicle motion control technologies.

GVC Plus is a technology that evolved from G-Vectoring Control (GVC), an application-focused development by Mazda based on Hitachi Automotive Systems’ vehicle motion control algorithm and announced in 2016. In addition to the dynamic coordination of the vehicle’s lateral and longitudinal acceleration forces by GVC, vehicle motion with even better stability is achieved through direct yaw-moment control using the brakes. GVC Plus will be progressively installed in Mazda’s various models, starting with the upgraded Mazda CX-5, orders of which have commenced today for the Japan market.

Hitachi Automotive Systems will continue to vigorously develop leading-edge automotive equipment systems with the potential to improve vehicle safety and comfort, and help vehicle manufacturers build ever-more appealing vehicles.



Mazda CX-5

About Hitachi Automotive Systems, Ltd.

Hitachi Automotive Systems, Ltd. is a wholly owned subsidiary of Hitachi, Ltd., headquartered in Tokyo, Japan. The company is engaged in the development, manufacture, sales and services of automotive components, transportation related components, industrial machines and systems, and offers a wide range of automotive systems including engine powertrain systems, electric powertrain systems and integrated vehicle control systems.

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For more information, please visit the company's website at <http://www.hitachi-automotive.co.jp/en/>.

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Information contained in this news release is current as of the date of the press announcement, but may be subject to change without prior notice.
