

News Release

FOR IMMEDIATE RELEASE

Mazda develops new technology based on Hitachi's G-Vectoring safe driving assist technology to be introduced with updated Mazda Axela

Tokyo, July 14, 2016 --- Hitachi Automotive Systems, Ltd. today announced that Mazda Motor Corporation has developed a new technology based on Hitachi's G-Vectoring vehicle motion control technologies and will be introducing it as an advanced safety feature into all new-generation models introduced in Japan, starting with the updated Mazda Axela, which goes on sale today.

Mazda developed the advanced G-Vectoring Control (GVC) technology being introduced into the new Mazda Axela by pursuing application-focused development on the basis of Hitachi Automotive Systems' G-Vectoring control algorithm. Its key feature of enabling dynamic coordination in both the car's lateral and longitudinal acceleration forces makes it the world's first control system capable of ensuring smooth and efficient vehicle motion by optimizing the vertical load on the four wheels.

The GVC developed by Mazda is the first step forward in the company's new-generation vehicle motion control technologies initiative known as SKYACTIV-VEHICLE DYNAMICS series and as such is expected to stimulate future market growth as a new-concept control technology that uses the engine to enhance chassis performance.

Hitachi Automotive Systems is committed to continuing vigorous development of leading-edge automotive equipment systems with the potential to improve car safety and comfort, and to helping carmakers build ever more appealing cars.



Mazda Axela Sport

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 management systems, electric power train systems, drive control systems and car information systems. For more information, please visit the company's website at <http://www.hitachi-automotive.co.jp/en/>.

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