

FOR IMMEDIATE RELEASE

## Hitachi Automotive Systems to Exhibit Advanced Driver Assistance System, Automated Driving System, and Other Technologies at the Automotive Engineering Exposition 2016 Yokohama



Outside image of booth

**Tokyo, May 17, 2016** --- Hitachi Automotive Systems, Ltd. today announced that it will be exhibiting at the Automotive Engineering Exposition 2016 Yokohama to be held from May 25 to 27 at the Pacifico Yokohama Exhibition Hall in Yokohama, Japan, under the sponsorship of the Society of Automotive Engineers of Japan, Inc. The company will showcase a wide range of technologies and products related to ADAS (Advanced Driver Assistance Systems) and AD (Automated Driving) systems.

Utilizing its strengths in mechatronics products and control technology, Hitachi Automotive Systems is contributing to the creation of attractive cars by automobile manufacturers by providing products, systems, and technologies that reduce environmental burden and traffic accidents.

Recognition, control, and drive technologies for supporting advanced safety driving that will be shown by Hitachi Automotive Systems include stereo cameras, Autonomous Driving ECUs (Electronic Control Units), and electronic control actuators for ADAS and AD systems. In addition, a monitor at the front of the booth will show a demonstration of an AD system developed jointly by Hitachi Automotive

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Systems and Clarion Co., Ltd., a member of the Hitachi Group. The demonstration was carried out in February on a public road in Ibaraki Prefecture. The booth will also display products that support the operation of electric vehicles, products that increase the efficiency of internal combustion engines, and Clarion's Human Machine Interface (HMI) system.

At the Automotive Engineering Exposition 2016 Yokohama, Hitachi Automotive Systems and Clarion will be exhibiting at the Hitachi Group booth (Booth 84), which is divided into the following display corners.

#### Advanced Driver Assistance System Corner

Exhibits include stereo cameras, millimeter-wave radar, outside recognition sensors, electronic control units, electronic control actuators and other recognition, control, and drive products and technologies that play an essential role in ADAS and AD system implementation. In addition to that, a video shot during an automated driving system verification test drive on Hitachinaka Road that was carried out in Ibaraki Prefecture in February 2016 will be shown on the screen.

#### Electric Powertrain System Corner

Key components supporting the electrification of cars that will be on display here include motors, motor drive and control inverters, and high-power lithium-ion batteries that contribute to reducing exhaust emissions and improving fuel efficiency.

#### Engine Powertrain System Corner

This showcases Hitachi Automotive Systems products aimed at achieving a low-carbon society. Display items include high-efficiency engine systems in which engine control units are used to raise the efficiency of internal combustion engines, and powertrain systems that contribute to lowering fuel consumption, utilizing outside recognition sensors that utilize cameras and radar.

#### Motorsports Corner

Monitors show video of races of the IndyCar Penske Racing team, sponsored by the Hitachi Group, and Japan's popular Super Formula events.

**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/>.

**About Clarion Co., Ltd.**

Headquartered in Saitama, Japan, Clarion Co., Ltd. has been a consolidated subsidiary of the Hitachi Group since 2006. Clarion has been an international leader in car audio and electronics since 1940. The company is engaged in the research, development, engineering, design, manufacturing, sales and marketing of mobile entertainment, navigation, infotainment, communication, safety and security products for the automotive, marine, recreational vehicle, commercial fleet and heavy industry environments. Clarion has been the recipient of numerous excellence awards for design, innovation, support, manufacturing and product reliability from independent organizations. The company has marketing and sales affiliates in Europe, North and South America, Asia and Australia. Clarion is located on the web at <http://www.clarion.com>.

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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.

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