

Last Week In Innovative Mobility

September 4 - 10, 2023



AUTOMATED VEHICLES

BMW partners with Amazon to develop a semi-automated driver assistance system (ADAS). Amazon Web Services will host the cloud services for the ADAS data storage and processing. BMW plans to implement ADAS into their new line of electric vehicles (EVs) starting in 2025.

Arjun Kharpal/CNBC

AUTOMATED VEHICLES

A study on insurance claims reveals that Waymo's automated vehicles (AVs) are associated with an 100% decrease in frequency of bodily injury claims compared to human drivers. When Waymo AVs have a human safety driver, the number of injury claims are reduced by 95% compared to human drivers. The data used in this study included Waymo's operations in Arizona and California.

AFP via Getty Images

AUTOMATED VEHICLES

Cruise reports that it will soon receive approval from the National Highway Traffic Safety Administration (NHTSA) to produce an automated vehicle (AV) called the Origin. The Origin is awaiting an exemption approval from NHTSA because it does not have a steering wheel or pedals. NHTSA is limited to granting 2,500 exemptions each year.

The Verge

ELECTRIC VEHICLES

Honda announces that it will adopt the Tesla North American Charging Standard (NACS) EV charging port. NACS will be available on Honda EVs starting in 2025, when it plans to release a new EV model. Honda EV owners will be able to access NACS EV chargers prior to 2025 with an adapter.

Tesla

TNCs/RIDEHAILING

The Massachusetts state attorney general approves two competing ballot initiatives affecting app-based drivers. The first ballot measure aims to maintain gig workers as independent contractors, similar to Proposition 22 in California. The other ballot measure seeks to allow the unionization and collective bargaining of ridehail drivers and other app-based gig workers.

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

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