

# MOBILITY ON THE GO

APRIL 20, 2022



## [Who's in the Driver's Seat?](#)

### [Risk Management Updates for the Autonomous Vehicle Industry](#)

COURTNEY DUCHENE 4-12-22

During the recent 2022 RIMS annual conference in San Francisco, "presenters...detailed what risk managers need to consider when it comes to autonomous vehicles" and discussed recent regulatory developments.

As one presenter said in summary: "Risk managers need to understand how the deployment of AVs will interplay with existing insurance structures (policy issuance, coverage and claim handling), state licensing, and federal safety standards, including NHTSA's March 10 first-ever 'final rule' establishing Federal Safety Standards for AVs."



## [Judgement Day: GM Patents Self-Driving Car That Teaches You How to Drive](#)

JUSTIN WESTBROOK\* 4-18-22

A right of passage for many teenagers and their parents may not exist in the future if GM's new technology gains traction. GM has patented an "instructor-less self-driving car for student driver training." The patent is for an autonomous vehicle without an instructor to train the new driver. The vehicle will compare the human's actions with what the autonomous vehicle would recommend, and "score" the trainee based on the comparison. While the reality of this autonomous training is not expected in the near future, these training vehicles could reduce the costs of training, eliminate innate biases of the trainer, or make it easier to schedule and get the training when it works best for the trainee.



\*Justin is also a manufacturer-photographer; US Patent and Trademark Office-Illustrator



## [The Rise of Brand-New, Second-Hand Electric Vehicles](#)

AARIAN MARSHALL 4-16-2022

Like many things, coronavirus and supply chain shortages have basically turned the car market upside down! Used cars are not depreciating as they typically do. Instead, their values are increasing. The EV used car sales market is also reacting strangely, as "used cars seem to be getting newer." According to the article, "last year, the majority of used electric cars for sale were four or five years old. Today, just under a third of used EVs are three years old..." and "...ninety percent of used EV cars are in the process of being purchased, compared to forty-five percent just over a month ago."



## [IEEE Standard Will Make Autonomous Vehicles Safer](#)

IEEE STANDARDS ASSOCIATION 4-12-22

Consumer acceptance is critical for the benefits of ADAS technology to be realized. "The IEEE Standards Association (IEEE SA) worked with the IEEE Vehicular Technology Society to form a committee and a working group to develop ADS standards." The [IEEE P2846 Draft Standard for Assumptions for Models in Safety-Related Automated Vehicle Behavior](#) was written by experts in autonomous vehicle development.

The linked article shares an interview with Jack Weast, chair of the IEEE P2846 working group, which addresses many fundamental questions and identifies how the industry-changing standard can "fundamentally shape the future of automated vehicles." Jack Weast is a vice-president at Mobileye.



Note: This article is an edited excerpt of the "Driving Responsible Advancement of Automated Vehicles" blog published in February.

## [Tesla Staring Down 40,000 Lost EVs Due to Shanghai Lockdown](#)

From HYPERDRIVE 4-14-22

Production in the Shanghai plant, which had an output rate of approximately 2,100 cars/day, was shut down on March 28<sup>th</sup>, and the production loss at this point is almost 40,000 units. Model 3 and Model Y are produced in Shanghai both for domestic and export consumption.

The Shanghai plant usually runs three shifts per day for either six or seven days per week. Turning production back on at these levels is not an easy and quick process. Recently, we learned the [Tesla plant plans to restart production in a 'closed loop' plant](#). This means that workers will live in the plant. The closed-loop protocol will be implemented in other plants to get production back online as the Zero Covid policy in China continues during this high outbreak period. "China's insistence on Zero Covid has caused, and will cause, more multinationals to rethink their strategies in China."



## [Tesla Boombox Violation Leads to Recall of 600K Vehicles](#)

DEB KINER 4-18-2022

NHTSA's recent recall affects nearly 600K 2020-22 Model Y, Model X, and Model S vehicles, and will be resolved through a software update. The recall is meant to address concerns that boombox sounds that can be played through an external speaker may interfere with or drown out any pedestrian warning system sound, which violates federal standards. This is the eighth recall Tesla has had to address via a software update this year.