

# MOBILITY ON THE GO

MARCH 16, 2022

## **[NHTSA Finalizes First Occupant Protection Safety Standards for Vehicles without Driving Controls](#)**

3-10-2022 WASHINGTON DC

Last week NHTSA “issued a first-of-its-kind final rule to ensure safety of occupants in automated vehicles.” Until this update, there were no occupant protection standards specifically focused on vehicles with automated driving systems. “This new rule is an important step, establishing robust safety standards for ADAS-equipped vehicles,” said U.S. Transportation Secretary Pete Buttigieg. NHTSA’s Deputy Administrator Dr. Steven Cliff added “With this rule, we ensure that manufacturers put safety first.”

[Link to rule](#)

More on NHTSA’s ruling...



## **[A Milestone for Driverless Cars](#)**

PAUL CARROLL 3-15-2022

“While progress may seem to have stalled for driverless cars, don’t be fooled. U.S. regulators essentially took the training wheels off autonomous vehicles last week, clearing the way for AVs to take a major step forward.”



Without steering wheels, brake pedals or even a dedicated space for a driver, there is more room for a more multipurpose design, which is being seen in WAYMO’s test vehicles on the roads.



## **[Mobileye, A Profitable Autonomous Driving Company, Files for IPO](#)**

DAN MC CARTHY 3-9-2022

“The Intel-owned unit netted \$460 million last year, on ~\$1.4 billion in revenue.” “Mobileye claims its ADAS is in over 60 M vehicles today.”

What’s different about Mobileye? It is a profitable company that is making ADAS for many OEMs. Its profits fund the pursuit of a fully autonomous vehicle and Mobileye is taking two approaches to create such a vehicle: one with cameras for information gathering and the second with radar and lidar.



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## **[electrek Van Hool Double-Decker Electric Bus with Proterra Battery Drives 2,500 Miles from Florida to California on Public Chargers](#)**

SCOOTER DOLL 3-11-2022

The TDX2E5, the all-electric bus that made the recent trip across the country, is a 100% electric, double-decker bus. According to the owner, ABC Companies, it is the largest and first of its kind electric passenger bus on the road today. The bus seats 69 passengers. It gets 260 miles per charge and runs on the [Proterra battery system](#) which has a 676 kWh storage capacity.



“Overseas, Van Hool is a renowned name in the largest transport vehicles such as coach buses, tankers, and tram buses. Like many manufacturers in the commercial vehicle segment, Van Hool has begun electrifying its fleets in favor of zero-emissions travel.”

## **[The Daily Item GM is Beefing Up its Washington Team. Here’s Why](#)**

KALEA HALL and RILEY BEGIN -The Detroit News (TNS) 3-13-2022

“You’re into a period of potentially very significant change in the industry. And then when you look at some of the global issues that are involved in this, not just the national issues, the wise company is going to try to provide a team that is capable of playing whatever game emerges,” said David Cole, chair emeritus of the Ann Arbor-based Center for Automotive Research.

“GM is aiming high. The Detroit automaker hired a former George W. Bush-appointed Department of Justice leader, a former administrator at the National Highway Traffic Safety Administration appointed by Barack Obama, and, most recently, a niece of President Joe Biden, among others” as it builds its team.

“Ford, also, is building its team, with the recent addition of John Huntsman, Jr. as its vice chair for policy. Steven Croley, a former federal lawyer who worked in the Obama administration is joining Ford to become Ford’s chief policy officer and general counsel.”

The automotive industry is going through the most significant transformation the next ten to fifteen years. It needs Washington’s financial support and a collaborative effort to the change in regulations that are already taking shape.



## **[Your Connected Car Knows You. The Tussle for that Data’s Hitting High Gear](#)**

NICK CAREY 3-1-2022

“European Commission sources said the EU executive should launch an industry consultation on in-vehicle data this week which could lead to legislation later this year – the first of its kind in the world.” As we would expect, representatives of the car manufacturers, insurance companies, repair shop industry and leasing industry, to name many, all have vested interests in how access to data will be managed.



The issue of data ownership and access to it is actively being discussed in the U.S. We could learn from our EU neighbors as they move ahead this year.

## **[INSIDE EVs Tesla Reportedly Sees 100% Increase in Orders in Some Areas of U.S.](#)**

STEVEN LOVEDAY 3-10-2022

In January 2022, Tesla had a 49% increase in sales over January 2021. Currently, Tesla is still only producing vehicles in California and Shanghai. Factories in Germany and Texas will be going online soon and that should help with demand. However, there is still a chip shortage. Tesla has pushed back delivery dates on their high order rate, which has spiked again with gas prices shooting up.

## ***Did you know...***



## **[First Autonomous Ski Lift Vehicle Will Bring the Sport to Any Mountain](#)**

JOHN YELDIG 3-8-2021

Imagine having your own personal ski lift? The [dolaGon Autonomous Ski Lift Vehicle](#) could be just that. It “provides ski lift service to the backcountry slopes, ending skier dependence on the ‘archaic ski-lift infrastructure’ of traditional resorts.”

