
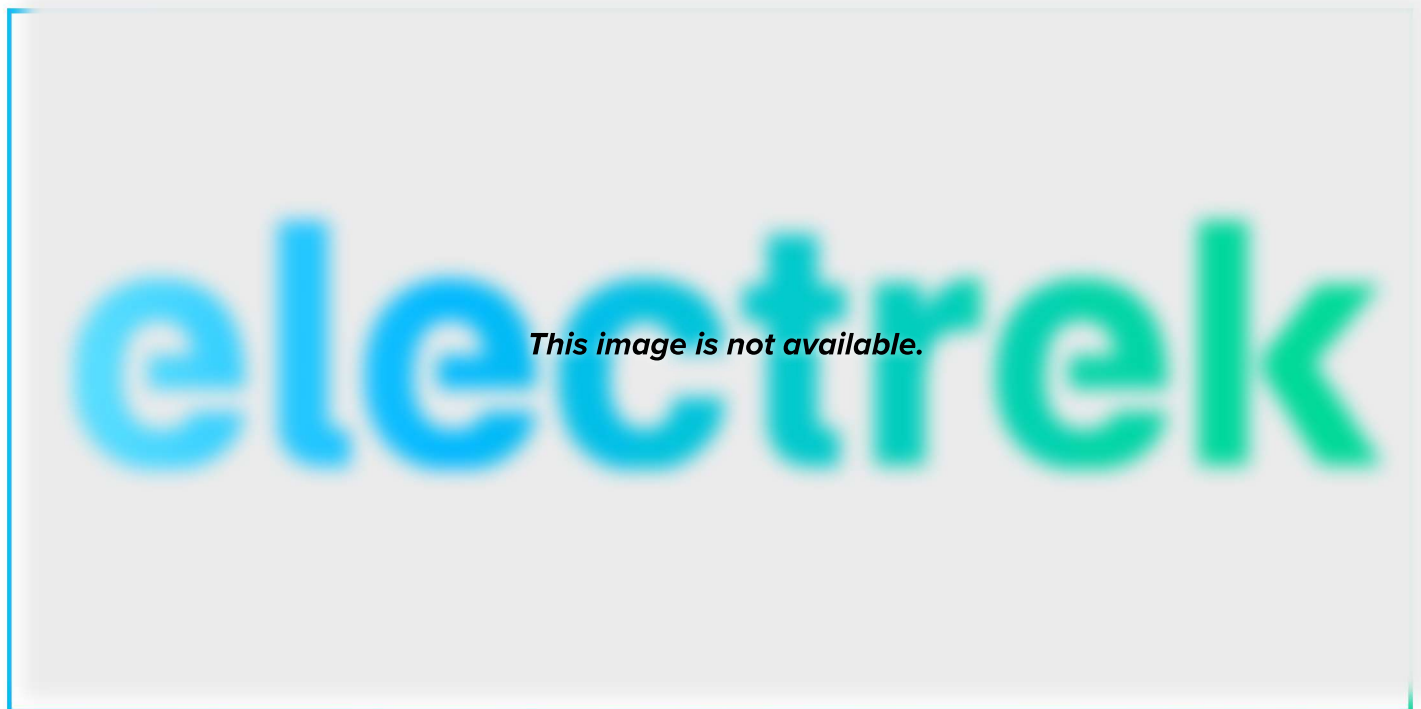


tesla reveals all the details of its Autopilot and its software v7.0 [slide presentation and audio conference]



Fred Lambert | Oct 14 2015 - 5:18 pm PT |  0 Comments



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This afternoon Tesla CEO Elon Musk held a press conference to explain the Autopilot features included in the update v7.0, which the company will start [releasing tomorrow to Model S owners](#).

If you have been following [our coverage of the beta Autopilot](#), you have a good idea of the capabilities of the system, but Musk revealed a few more details and explained Tesla's approach to the release. Tesla will start releasing the update tonight in North America, but the roll-out could take a few days. Europe and Asia will follow in a few weeks. Musk says that Tesla has a fleet of 60,000 cars with the Autopilot hardware ready to receive the software.

As previously revealed, the update includes: Automatic Emergency Steering and Side Collision Warning, 'Autosteer' (Beta), Auto lane changing and 'Autopark'.

Autopark currently requires the driver to be in the car and only works in parallel spaces, but in the next update (v7.1), Tesla will introduce Autopark without anyone in the car. The Model S will simply park itself in your garage.

The company is being extremely careful in the way it is releasing the update. They are still calling the version a "beta" and they are asking drivers to keep their hands on the steering wheel while using 'Autosteer':

Tesla requires drivers to remain engaged and aware when Autosteer is enabled. Drivers must keep their hands on the steering wheel.

During the presentation, Musk said that in good road conditions "people may (removed their hands from the steering-wheel), but we don't advise that."

When we [tested the early access version of the Autopilot](#), the Model S would only ask the driver to hold the steering-wheel when the system momentarily didn't have enough data to calculate the projected road, but we could technically drive without touching the wheel on the highway.

The main point differentiating Tesla's Autopilot from driving assist systems from other manufacturers is the fact that all cars are connected to each others and learn from each driver.

Musk referred to each Model S owners as an "expert trainer", which will feed the collective network intelligence of the fleet simply by driving the vehicle on the Autopilot.

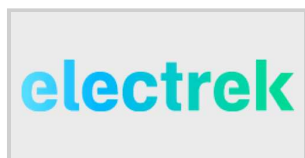
Every week the system should get better by updating the driving algorithm. Musk said that Model S owners could add ~1 million miles of new data every day.

The presentation emphasized that the system will be a real help in high traffic situations. It works "super-well in gridlock traffic – you can almost take your hands off the wheel...almost...some people will" Musk said.

The CEO referred to using the Autopilot as "quite a profound experience" on a number of occasions throughout the call and that it is a milestone in the evolution of automobiles.

Tesla currently has a team of about 50 employees working on the software of the Autopilot, while a team of 100 people have been working on the hardware package. The whole company has surpassed 14,000 employees worldwide.

Slides used during the presentation and the audio below:



Tesla press conference for the Autopilot v7.0 softw...



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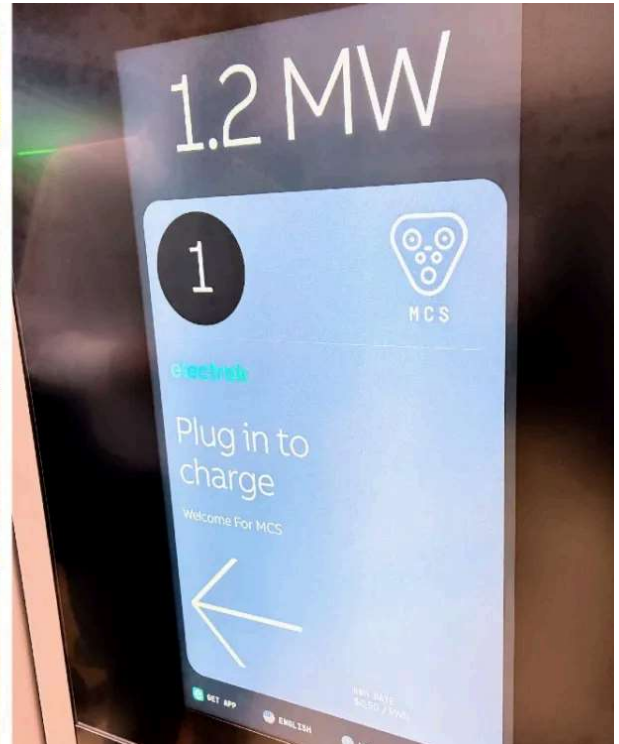


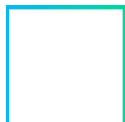
ABB brought its new, 1.2 MW electric semi truck charger to ACT Expo [update]

 [Jo Borrás](#) | May 3 2025



Honda really wants to sell you a hydrogen fuel cell, today [part 5]

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We test drove a bunch of ZEEKR EVs in China!



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Through Zalkon.com, you can check out Fred's portfolio and get monthly green stock investment ideas.

Fred Lambert's Favorite Gear



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Get an edge on MMA with the best stats



EnergySage

EnergySage helps you get the best price possible on a home solar installation for free and without hassle.

GREEN DEALS

Preorder new RadRunner Max e-bike with free extra battery for \$2,299, Bluetti takes up to 45% off power stations, Worx Nitro mower, more



Reinette LeJeune | May 2 2025 - 11:06 am PT | 1 Comment



We're closing out this week's Green Deals with our first deal on Rad Power's new [RadRunner Max Cargo Utility e-bike](#) that gives you a free extra battery for 120+ miles of travel when [preordering it at \\$2,299](#) – but don't sit on decisions as this deal will be gone as soon as it starts shipping sometime around May 7. We've also got [Bluetti's Power on the Go Sale](#) that is taking up to 45% off a selection of power stations, like the [AC200L solar generator bundle](#) with a 200W panel for [\\$1,299](#). We also spotted Worx's latest [Nitro 40V 16-inch Cordless Intellicut Lawn Mower](#) returning to its [\\$250](#) low, as well as [EcoFlow's RIVER 2 Pro and RIVER 2 Max](#) Portable Power Stations beating out the brand's current sale at Amazon, starting from [\\$319](#). Plus, all the other hangover Green Deals are in the links at the bottom of the page, like yesterday's [Velotric Mother's Day e-bike deals](#), and more.



Head below for other New Green Deals we've found today and, of course, [Electrek's best EV buying and leasing deals](#). Also, check out the new [Electrek Tesla Shop for the best deals on Tesla accessories](#).

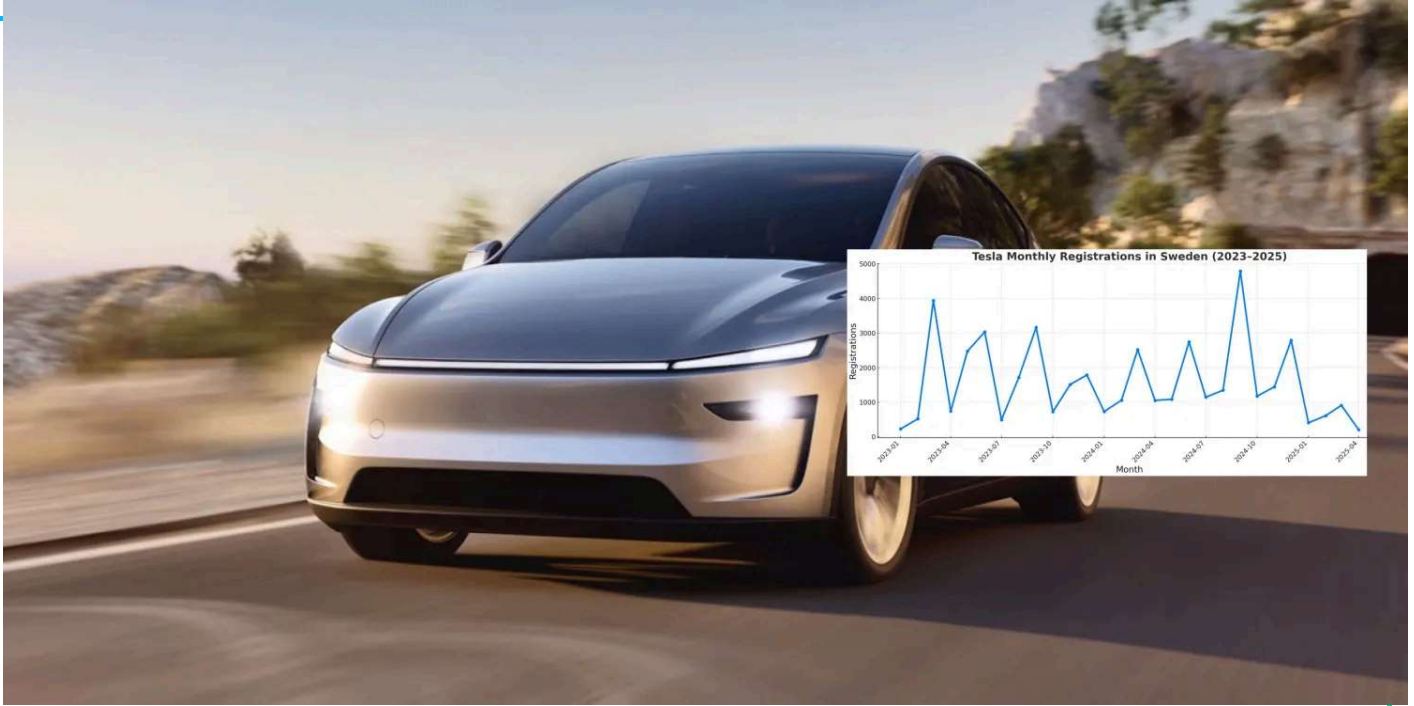


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TESLA

Tesla sales have collapsed in Sweden

 [Fred Lambert](#) | May 2 2025 - 10:27 am PT |  [267 Comments](#)





Tesla’s sales have now collapsed in Sweden, with only just over 200 cars delivered in the country last month – down 80% year-over-year.

+
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CHEVY EQUINOX EV

The 2025 Chevy Equinox EV is even cheaper to lease than the gas-powered model this month

 **Peter Johnson** | May 2 2025 - 10:25 am PT |  **17 Comments**



GM's top-selling electric SUV is now on sale. Starting at just \$289 per month, the 2025 **Chevy Equinox EV** is now even cheaper to lease than the gas-powered SUV.



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 [Seth Kurkowski](#) | Apr 29 2025

RIVIAN RIVIAN R1T RIVIAN R1S

Rivian lease offer includes \$14k savings with \$0 down on Dual Max R1 models this month

 [Scooter Doll](#) | May 2 2025 - 9:55 am PT |  [13 Comments](#)





Rivian is ringing in spring with an enticing new lease offer for Gen 2 R1 EVs. Through May, customers can lease any [Rivian](#) R1 dual-motor EV with a Max battery and performance upgrade for \$0 down.



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ELECTRIC SHIPS

Meet the ‘world’s largest’ 100% electric ship: The over-420-foot EV monstrosity, China Zorrilla

 [Peter Johnson](#) | May 2 2025 - 9:05 am PT |  [31 Comments](#)





The world's largest fully [electric ship](#) was officially launched on Friday. At over 420 feet in length (130 meters), the China Zorrilla is the largest EV of its kind, boasting over 250 tons of batteries.



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UBER MAY MOBILITY

Uber plans to offer self-driving rides in Texas with May Mobility this year

 [Fred Lambert](#) | May 2 2025 - 7:52 am PT |  [9 Comments](#)



Uber announced that it will offer self-driving rides powered by May Mobility on its app in Texas later this year.

The ride-hailing platform will have both Waymo and May Mobility on its platform in Texas, while Tesla plans to compete with them all in Austin soon.



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Why DJI drone batteries drain themselves

 **Ishveena Singh** | Apr 30 2025





FlytBase intros \$99/month plan to scale remote drones

 **Ishveena Singh** | Apr 29 2025

HYUNDAI HYUNDAI IONIQ 9

Hyundai's new electric SUV is here: IONIQ 9 prices start at \$60,555 with 335 miles range

 **Peter Johnson** | May 2 2025 - 6:57 am PT |  **54 Comments**





Hyundai's first three-row electric SUV will arrive at US dealerships any day now. The 2026 [Hyundai IONIQ 9](#) is an impressive SUV with up to 335 miles of driving range, fast charging capabilities, room for seven, and prices start at just \$60,555.



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SOLAR ELECTRIC VEHICLES APTERA

Aptera April update: 'Artemis' feature-complete pushes forward, first solar deliveries, and a new partnership [Video]

 [Scooter Doll](#) | May 2 2025 - 6:31 am PT |  [41 Comments](#)





As anticipated, Aptera Motors has shared its monthly progress update for April, complete with new progress across its business strategy. In the video you can view below, [Aptera's](#) co-founder Chris Anthony details the progress of two more production-intent solar EV builds, including codename "Artemis," and discusses the startup's latest investment opportunities to secure one of the first production builds.



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ELECTRIC SEMI TRUCK ACT EXPO WINDROSE

ACT Expo 2025 – Windrose gets real, and Wen Han wins the swag wars [part 2]

 [Jo Borrás](#) | May 2 2025 - 5:04 am PT |  [12 Comments](#)



Windrose arrived at [the ACT Expo](#) in Anaheim this week on a high, with not one but *several* of its 400-mile sleeper cab electric semis, news that its first customer trucks had been deployed in the US, and a \$300 million funding goal. But what got the press really excited? A 1:18 scale model of the R700.



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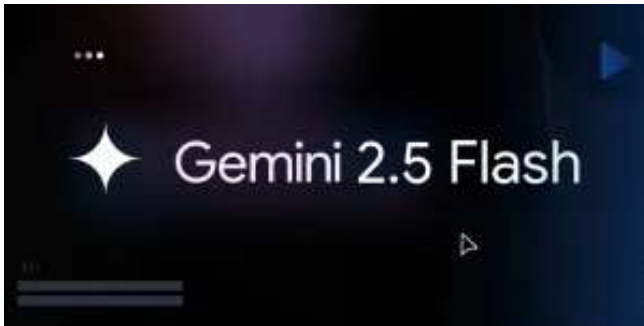
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Pixelated 052: The Android Show Show

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Google working on DeX-like desktop mode for Android phones

 [Abner Li](#) | May 2 2025

ELECTRIC MOTORCYCLES ZERO MOTORCYCLES

Tariffs will increase Zero Motorcycles' prices on its more affordable e-motorbikes this month

 [Micah Toll](#) | May 1 2025 - 11:21 pm PT |  [4 Comments](#)





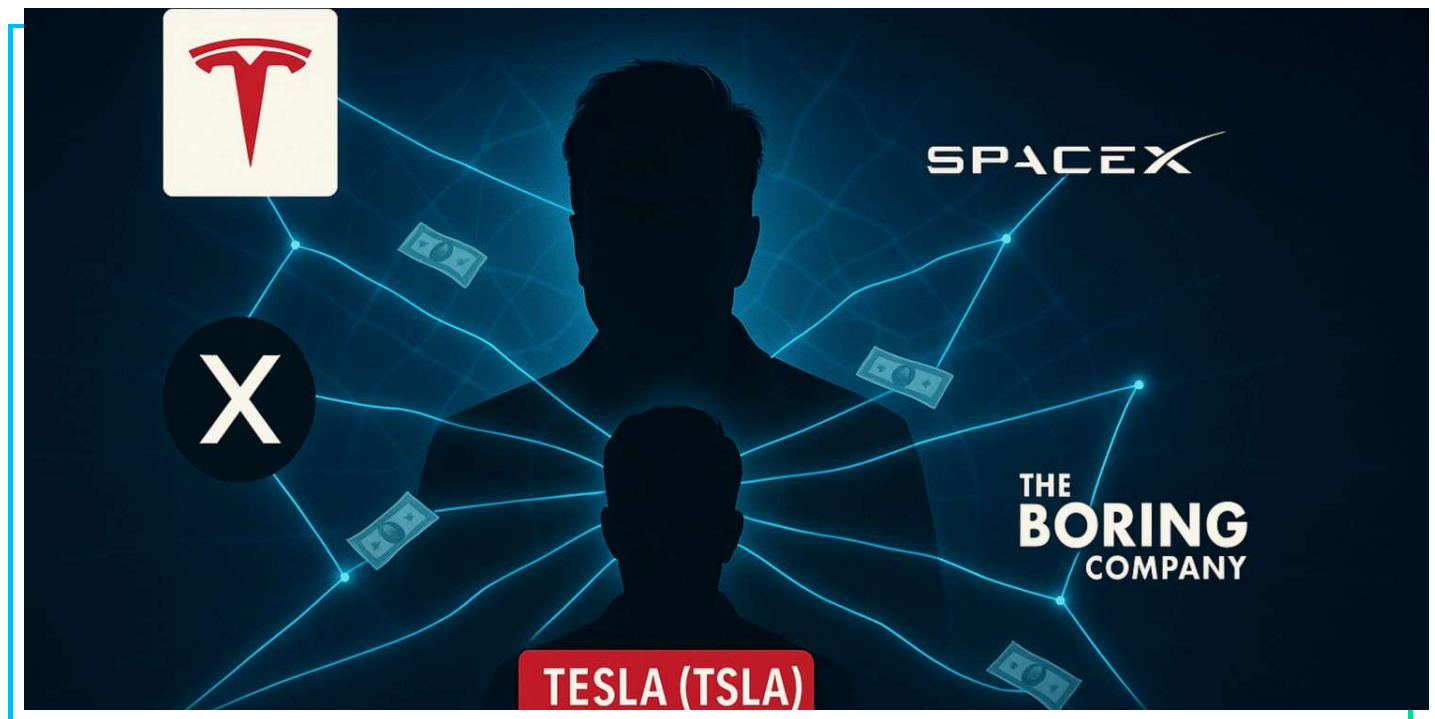
Zero Motorcycles has announced that its newest line of electric motorbikes will see a price increase in the US due to the Trump Administration's tariff policy. But the saving grace is that the company is allowing reservations made in the next few weeks to secure pre-tariff pricing.



TESLA

Tesla (TSLA) reveals web of transactions between Elon Musk's companies

 [Fred Lambert](#) | May 1 2025 - 5:12 pm PT |  [72 Comments](#)



Tesla (TSLA) has revealed the latest web of transactions between itself, Elon Musk, his multiple companies, and board members.



ELECTRIC SEMI TRUCK HYDROGEN HEAVY EQUIPMENT ACT EXPO

ACT Expo 2025 – one step forward, two steps back for clean trucking [part 1]



ACT Expo is North America's premier clean truck and transport trade show – and for 2025 it was bigger than ever, with more exhibitors and more, more capable battery electric vehicles than ever. The downsides? NACFE have scored with their “messy middle” messaging, and the return of “clean diesel” talking points.



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