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FISKER INC. CHOOSES GLOBAL INDEPENDENT AUTOMOTIVE CONSULTANT RICARDO TO SUPPORT INTEGRATION OF STATE-OF-THE-ART 800V ELECTRIC POWERTRAIN

– Powertrain, Battery Module Design, Fast-Charging, System Integration are Key Areas of Partnership –



LOS ANGELES (October 23, 2017) – [Fisker Inc.](http://www.fisker.com), designer and manufacturer of uniquely stunning electric vehicles complemented with some of the longest EV ranges on earth, today announced its strategic partnership with Ricardo PLC to integrate the Fisker EMotion's all-new 800V Electric Powertrain. The partnership will include integration of Fisker's proprietary 800V Ultra Charger, 800V Battery Pack and e-axle systems.

The EMotion powertrain is based on an 800V high voltage system architecture, which includes the motors, inverters and power electronics. LG Chem will deliver 21700 cylindrical cells based on NCM chemistry that are structured into Fisker's high energy density battery pack. The exact details of the proprietary charging method are still held closely inside Fisker and will be debuted at the 2018 CES show in the Quanergy Systems, Inc Booth (#3315). All vehicle system controls will also be part of the Ricardo Fisker partnership.

The benefits of a 800V electrification system are thinner lighter cables cables, smaller more efficient motors, lower system weight, less heat generation, lower manufacturing costs, faster charging and higher power throughput.

“For the past year, we’ve been in stealth mode talking about our technology without discussing partners. With CES being the Global Debut of the Fisker EMotion, we are now starting to share who our partners are. Ricardo is, without question, a global leader in powertrain integration,” said Henrik Fisker, founder and CEO of Fisker Inc. “We are setting the benchmark high with the EMotion and Ricardo is yet another partner that will help make the EMotion truly a world-class vehicle.”

“I am pleased that Ricardo will be working with Fisker Inc., to overcome the challenges associated with integrating ultra-high voltage, energy storage, components and wide band gap semiconductors” said Ricardo US President Paul Rivera. “We look forward to partnering with Henrik Fisker – arguably one of the most well-known automotive designers in the world – and his team to bring the Emotion premium electric vehicle to market, while generating advanced technical solutions that benefit our customers.”

Fisker recently announced it will showcase the all-new EMotion in the [Quanergy Systems, Inc.](#) booth (#3315) at the upcoming [2018 Consumer Electronics Show \(CES\)](#) in Las Vegas. Quanergy Systems, Inc., the leading provider of LiDAR sensors and smart sensing solutions, will be integrating five LiDAR sensors in to the Fisker EMotion.

- **Design:** [The Fisker EMotion](#) luxury electric car, set for release in 2019, features design elements never before seen in the automotive industry.
 - The first vehicle to be truly designed with an EV powertrain in mind: a much more dramatically sloping front-end, longer wheelbase designed for the world’s largest EV battery pack, a stretched cabin for more interior space and more.
 - The carbon fiber barrel wheels are sized to give the car the right body volume over the wheels with a powerful, timeless sculptured form.
 - The interior will redefine the way we think of a luxury car interior, incorporating the most advanced future technologies.
 - All with the most emotionally stunning style available on an EV.
- **Battery Technology:** Fisker is leveraging LG Chem’s highest energy density cell based on state-of-the-art NCM chemistry to ensure that Fisker vehicles like the EMotion will offer the largest range for EVs yet. Fisker is developing a highly sophisticated battery pack with advanced thermal management for the EMotion that will package the highest energy density ever seen in an EV before.
 - **Safety:** The EMotion will feature the highest battery safety features in the industry at cell, module and pack level.
- **Charging Technology:** Fisker is working in close collaboration with one of the world’s premiere engineering companies on an Ultra Charger™ a fast charging technology for EVs (not just Fiskers) that will present a paradigm shift for charging ways in the industry. This technology will literally change the way the market and consumers think of vehicle charging, including the infrastructure and more. With

innovation in both battery and charging technology, the Fisker EMotion **will demonstrate charging more than a 100 mile range in nine minutes** with a possible range in excess of 400 mile overall.

- **Servicing EVs/Hybrids:** Fisker founded EV Hybrid Shop in efforts to change the way EVs are serviced in the future. A truly premium experience will include concierge service and vehicle telematics systems integrated directly into the growing national network of service centers – enabling EV vehicles (all brands, including Fisker) to eventually be able to automatically identify available service centers, integrate service appointments with vehicle owners’ personal calendars, order parts, report problems and communicate service progress. Digital keys will enable a Fisker concierge to pick up and drop off vehicles without inconveniencing owners. (evhybridshop.com)

About Fisker Inc.

California-based Fisker Inc. is revolutionizing the automotive industry by developing the most stunning luxury electric vehicles complemented with the longest EV range on earth. The brainchild of EV pioneer and world-leading automotive designer, Henrik Fisker, Fisker Inc.’s mission is to set a new standard of excellence and performance in the electric vehicle industry – developing unique, high-performance electric vehicles with disruptive design and battery technology. To learn more, visit www.FiskerInc.com.

About Ricardo plc

Ricardo is a global, world-class, multi-industry consultancy for engineering, technology, project innovation and strategy. Our people are committed to providing outstanding value through quality engineering solutions focused on high efficiency, low emission, class-leading product innovation and robust strategic implementation. With a century of delivering excellence and value through technology, our client list includes the world's major transportation original equipment manufacturers, supply chain organizations, energy companies, financial institutions and governments. Guided by our corporate values of respect, integrity, creativity & innovation and passion, we enable our customers to achieve sustainable growth and commercial success. Ricardo is listed in the FTSE4Good Index, which identifies global companies that demonstrate strong environmental, social and governance (ESG) practices. Ricardo, Inc. is the US subsidiary of Ricardo plc. For more information, visit www.ricardo.com.

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