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Lightning Systems Receives California Air Resources Board Executive Order for Aftermarket Hydraulic Hybrid Vehicle Conversions for Ford E-450s

LightningHybrids system improves vehicles efficiencies for fleets of shuttle buses and work trucks

LOVELAND, Colo., June 22, 2017 – Lightning Systems, global leader in efficiency and emissions improvement solutions for fleets of medium- and heavy-duty vehicles, today announced that its LightningHybrids hydraulic hybrid system has received an Executive Order from the California Air Resources Board (CARB) allowing aftermarket conversions of gasoline-powered 2016 model year Ford E-450 vehicles.

The LightningHybrids hydraulic system for the Ford E-450 is now available for public or private fleets in California and throughout the United States that operate shuttle and paratransit buses, logistics and delivery trucks, and food and beverage vehicles. LightningHybrids significantly increase fuel economy using regenerative braking energy.

“Lightning Systems went through CARB’s rigorous testing and thorough approval processes, and we are thrilled to receive this EO,” said Tim Reeser, CEO of Lightning Systems. “Our system is unique in that it isn’t electric, the hydraulic energy recovery is a more powerful and efficient technology well suited for heavy vehicles and duty cycles, and doesn’t require any infrastructure.”

The LightningHybrids system from Loveland, Colo.-based Lightning Systems is an energy recovery system with no electric batteries. Instead, the system applies a hydraulic system to the vehicle driveline to regenerate braking energy. Hydraulic pumps and a lightweight accumulator brake the vehicle, store the braking energy, and then use that stored energy to provide power to the wheels. In doing so, fuel is saved, and all-round vehicle efficiencies are increased.

Lightning Systems recently was named an Advanced Fuel Qualified Vehicle Modifier (eQVM) by Ford Motor Company. The eQVM program helps fleet and commercial customers meet their

unique and specific needs for durable, reliable hybrid work trucks that retain the original powertrain warranty.

Lightning Systems is a fast-growing, global green fleet solutions company. In May, the company, formerly known as Lightning Hybrids, announced its name change to Lightning Systems and in the next two years it will introduce a new lineup of fleet efficiency products to support commercial and government fleets. To keep up with demand, support manufacturing of new products, and to service its customers, the company has moved its corporate headquarters to the Rocky Mountain Center for Innovation & Technology in Loveland, Colo. The new space has 45,000 square-feet, nearly doubling the size of the company's existing headquarters.

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About Lightning Systems

Lightning Systems, based in Loveland, Colo., provides products and services which optimize fleet efficiency while reducing harmful emissions for medium- and heavy-duty trucks and buses. The company's products include: LightningAnalytics, an advanced telematics service, using Big Data methods to provide fleets with recommendations they can act on; LightningHybrids, a hydraulic hybrid energy recovery system for delivery trucks, shuttle and paratransit buses, refuse trucks, and rear-engine transit buses. Both products are distributed and installed by certified partners around the world. A variety of other fleet fuel efficiency and emissions improvement products will be introduced between now and 2019. To learn more, visit www.lightningsystems.com.

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