

## Dana Introduces Spicer® Electrified™ Portfolio of E-Axles for Hybrid, Electric Vehicles

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MAUMEE, Ohio, Nov. 9, 2016 /PRNewswire/ --Expanding the company's extensive portfolio of power technologies and drive axles for electric and hybrid vehicles, Dana Incorporated (NYSE: DAN) today introduced Spicer<sup>®</sup> Electrified<sup>™</sup> portfolio of fully integrated motor, control, and e-drive technologies that advance electric propulsion systems.



Addressing each of its end markets – light, commercial, and off-highway vehicles – the portfolio builds on Dana's half-century of research in electric driveline technologies and complements the company's battery-cooling solutions offered under the Long® brand portfolio.

"Dana has a unique ability to leverage knowledge across multiple end markets, and we are confident that our investment and research will benefit the advancement of technology for the entire mobility industry," said James Kamsickas, Dana president and CEO. "The Spicer Electrified strategy will build on Dana's experience and successes, while further accelerating electric driveline technology and real-world applications over the next decade and beyond."

Currently in production, the Spicer<sup>®</sup> EV Drive for electric vans manages speed and torque from the e-motor to the wheels. Planned for launch in 2018, Dana's new e-axles for electric transit buses and city delivery vehicles feature a fully integrated motor and gear box and leverage the company's vast experience in chassis drivetrain applications.

Dana is also working with automotive manufacturers to develop all-wheel-drive (AWD) e-axles that deliver superior performance, packaging, and reliability, while meeting customer demand for AWD functionality paired with traditional front-wheel-drive hybrids.

"Dana began developing electric-driveline concepts 50 years ago. Since then, we have been a leader in bringing new mechanical and electric drive simulations, systems, and controls to the marketplace," said Bob Pyle, president of Dana Light Vehicle Driveline Technologies. Mr. Pyle was recently designated to lead Dana's enterprise strategy for electric and hybrid technologies.

"Our Spicer Electrified brand is the result of a comprehensive strategy to leverage Dana's experience and research across all vehicle markets to accelerate the introduction of cleaner, more efficient drivetrain components for electric and hybrid vehicles," he added.

## **About Dana Incorporated**

Dana is a world leader in the supply of highly engineered drivetrain, sealing, and thermal-management technologies that improve the efficiency and performance of vehicles with both conventional and alternative-energy powertrains. Serving three primary markets – passenger vehicle, commercial truck, and off-highway equipment – Dana provides the world's original-equipment manufacturers and the aftermarket with local product and service support through a network of nearly 100 engineering, manufacturing, and distribution facilities. Founded in 1904 and based in Maumee, Ohio, the company employs more than 23,000 people in 25 countries on six continents. In 2015, Dana generated sales of nearly \$6.1 billion. Forbes magazine has again selected Dana as one of America's 100 Most Trustworthy Companies for 2016. For more information, please visit dana.com.

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