



## **Dana to Showcase New Driveline Systems, Power Technologies, Solutions for Alternative-Energy Vehicles at Auto Shanghai 2013**

April 19, 2013

SHANGHAI, April 19, 2013 /PRNewswire/ -- Dana Holding Corporation (NYSE: DAN) announced today that it will be showcasing its lineup of driveline products, power technologies, and alternative-energy solutions at Auto Shanghai 2013, which runs April 21-29. Located in Hall N5, Stand C009, at the Shanghai New International Expo Center, Dana is introducing a technology portfolio designed for – and available to – China's original-equipment manufacturers as they build more efficient, higher-performing vehicles.

### **Efficient Driveline Systems**

In addition to individual axle and driveshaft technologies, Dana is introducing a complete all-wheel-drive system designed specifically for the Chinese light vehicle market. This system is aligned with regional value drivers such as exceptional driving performance; improved noise, vibration, and harshness; and enhanced handling and mobility to improve safety. The system is compatible with automatic braking and stability control systems.

### **Solutions for Alternative-Energy Vehicles**

Dana is presenting a new single-speed Spicer® electric vehicle gearbox designed especially for the high-speed electric vehicle motor. Available immediately, its deep 10.86:1 gear ratio and maximum torque of 265Nm provides power and increased acceleration to electric vehicles, enabling drivers to reach highway speeds more quickly. In addition, the custom-made gearbox and high-quality helical gears provide premium NVH performance.

Dana is also offering a highly flexible, hybrid-engine cooling system. Its design consists of a battery cooling chiller; integral battery cooling plate; electronic cooling plate; universal stator cooler; engine control unit (ECU) cooler; and a sub-cooled loop, low-temperature radiator – each of which can be custom-designed to a vehicle's exact specifications.

### **Power Technologies**

Dana is also showcasing its capabilities in powertrain sealing and thermal management, including a range of engine oil and other fluid cooling products currently produced in China.

"We are very optimistic about the opportunity in the Chinese light vehicle market, especially for the emerging electric vehicle segment," said Mark Wallace, president, Dana Light Vehicle Driveline Technologies. "Considering the Chinese government's goal to produce and sell 500,000 electric vehicles and plug-in hybrid vehicles by 2015, we are well positioned to help our OEM customers develop drivetrain and thermal management solutions that meet the growing needs of the market."

### **Comprehensive Commercial Vehicle Capabilities**

Dana also develops and manufactures a complete line of commercial vehicle products, including patented technologies that increase durability, reliability, and efficiency. As the world's most trusted driveline manufacturer, Dana's best-in-class solutions provide optimum fuel efficiency, decreased total cost of ownership, and improved safety and sustainability. Products include the Spicer® Diamond Series™ driveshaft, a one-piece, eco-friendly, heavy-duty driveshaft that can reduce weight by up to 100 pounds. This product is a finalist for the 2013 *Automotive News* PACE Awards, which honor superior innovation.

Through Dongfeng Dana Axle Co, Ltd (DDAC), a 50-50 joint venture between Dana and Dongfeng Motor Co, Ltd, Dana offers a full range of axles for trucks and buses in the Chinese market. DDAC products are on display in the Dongfeng Motors exhibit at Auto Shanghai.

### **Designed in China, for China**

With the opening of the new Dana China Technical Center last month, Dana is able to offer Chinese customers personalized engineering support and close collaboration to ensure timely delivery of high-quality components designed in China, for China.

Located in Wuxi, Jiangsu Province, China, the Dana China Technical Center will provide advanced product development, and applications engineering for original-equipment manufacturers in the passenger vehicle and off-highway markets in China and throughout the Asia-Pacific region. The 12,000 square-meter (129,000 square-foot) center includes:

- 5,800 square-meters (62,000 square-feet) of test lab space
- 3,200 square meters (34,000 square-feet) devoted to manufacturing
- 3,000 square meters (33,000 square-feet) of office/reception space

### **About Dana Holding Corporation**

Dana is a world-leading supplier of driveline, sealing, and thermal-management technologies that improve the efficiency and performance of passenger, commercial, and off-highway vehicles with both conventional and alternative-energy powertrains. The company's global network of engineering, manufacturing, and distribution facilities provides original-equipment and aftermarket customers with local product and service support. Based in Maumee, Ohio, Dana employs more than 23,000 people in 26 countries and reported 2012 sales of \$7.2 billion. For more information, please visit [www.dana.com](http://www.dana.com).

SOURCE Dana Holding Corporation

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