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Jeep® Wrangler Unlimited EV

- Allows customers to roam the planet and take care of it at the same time
- Forty miles of all-electric, zero gasoline consumption operation and a 400-mile total driving range

January 10, 2009, Detroit - The Jeep® Wrangler Unlimited EV is a Range-extended Electric Vehicle that provides a glimpse into the future of a “Go Anywhere, Do Anything” vehicle with renowned Jeep Wrangler capability.

“One of our goals at ENVI is to develop electric-drive solutions for every segment and for every customer,” said Lou Rhodes, President – ENVI, and Vice President – Advance Vehicle Engineering, Chrysler LLC. “An electric-drive Jeep Wrangler brings ultimate fuel efficiency and ultra-clean transportation to a market segment whose consumers want to explore the environment to the fullest.”

The Jeep Wrangler Unlimited EV prototype is a two-wheel drive Wrangler. However, Chrysler’s ENVI organization is exploring four-wheel-drive, in-wheel electric motors to demonstrate the full reach of the Company’s advanced electric-drive technologies. When this technology is developed by ENVI, the instant high torque of the electric-drive motor and the ability to precisely control each wheel independently will result in off-road capability ideally suited for the Jeep brand, without compromising on-road capability.

The Wrangler Unlimited EV also uses an ENVI Range-extended Electric Vehicle powertrain, consisting of an electric motor, an advanced lithium-ion battery system, and a small gasoline engine with an integrated electric generator to produce additional energy to power the electric-drive system when needed. The electric motor produces 200 kW (268 horsepower) and 400 N•m (295 lb.-ft.) of torque. The Jeep Wrangler Unlimited EV has a range of 400 miles, including 40 miles of zero fuel-consumption, zero-emissions, all-electric operation.

The Jeep Wrangler Unlimited EV features a new ENVI Green Pearl exterior color, integrating full body-side “EV” graphics.

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