DaimlerChrysler Builds First Fuel Cell-Powered Police Car

Mercedes-Benz police car
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Wayne State University police department in Detroit got a new reinforcement - Mercedes-Benz fuel cell powered A-class model W168. Equiped with full set of police gear, the car will be a supervisor's vehicle on campus.
Daimler Chrysler will be getting operational data from the daily use of the F-CellÂ to help the developement of the nature friendly technology.
For more information about the newest addition to the Mercedes-Benz F-Cell family read the Official press release.Â

{mosgoogle right} DaimlerChrysler Builds First Fuel Cell-Powered Police Car

- Zero-emissions law enforcement comes to Detroit

- DaimlerChrysler has the largest fleet of fuel cell vehicles in the world â€" more than 100

- DaimlerChrysler works with Wayne State University in Michigan to mature fuel cell vehicle technology

- More than $1 billion invested in fuel cell technology and more than 1.2 million miles logged

Auburn Hills, Mich., Apr 7, 2006 -
DaimlerChrysler has introduced the first fuel cellâ€"powered police vehicle to the world. The Wayne State University Police Department in Detroit will operate the Mercedes F-Cell as a supervisor's vehicle on and in the immediate vicinity of the campus, located in Detroit's Cultural Center.

Outfitted with a third-generation police radio, decals, lights and sirens, the Wayne State University Police Department F-Cell is a look into the future use of fuel cell vehicles. The demanding operation of a police car will produce valuable data to help develop fuel cell technology.

"This event exhibits how DaimlerChrysler is taking on the challenge for industries and governments to create viable alternative-fuel solutions," said Mark Chernoby, Vice President â€" Advance Vehicle Engineering, Chrysler Group. "We're pleased to be a driving force in this team effort to develop zero-emissions transportation."

The Wayne State Police Department F-Cell vehicle will be refueled at NextEnergy's new hydrogen fueling station. The car will serve as a learning laboratory for students in WSU College of Engineering Alternative Energy Technology, the nation's first masterâ€™s-degree program in alternative energy.

DaimlerChrysler has spent more than $1 billion in fuel cell vehicle research and development. No other manufacturer has accumulated more data or driven more zero-emissions miles â€" more than 1.2 million.

The DaimlerChrysler fuel cell vehicle fleet is diverse â€" in addition to several research vehicles, it also includes medium-duty fuel cell Dodge Sprinter vans and more than 35 Mercedes-Benz Citaro fuel cell buses, which operate in Europe, the United States, Japan, Australia and Singapore. As part of the world's largest fleet of fuel cell vehicles, DaimlerChrysler has more than 25 fuel cell vehicles in customer hands in California and more than 100 around the world. No other manufacturer comes close to the efforts of DaimlerChrysler with fuel cell technology.

The Mercedes F-Cell is a reflection of DaimlerChrysler's leadership in fuel cell technology. The entire fuel cell system is housed in the floor of the vehicle, leaving full use of the passenger and cargo spaces. It has a range of approximately 100 miles and a top speed of 85 mph. The electric motor develops 88 hp (65 kW), enabling acceleration from 0 to 60 mph in 16 seconds. The stack has been developed by the DaimlerChrysler cooperation partner, Ballard Power Systems.

DaimlerChrysler supports Governor Arnold Schwarzenegger's efforts and goals. His California Hydrogen Highway Network â€" in addition to other programs the company is involved with, including those with the Department of Energy and the Environmental Protection Agency â€" enables DaimlerChrysler and its partners to gain extensive operational familiarity with fuel cell vehicles and hydrogen refueling stations.

DaimlerChrysler pioneered fuel cell vehicle technology more than a decade ago. Fuel cells release energy from the reaction of hydrogen with a catalyst and oxygen. This clean technology operates at a high level of efficiency and is true

zero-emissions. Hydrogen-powered fuel cell vehicles emit only pure water vapor as exhaust. Fuel cell vehicles are part of DaimlerChrysler's advanced propulsion technology umbrella, which includes efficient gasoline engines, advanced diesels, Flex-Fuel and hybrid power-train systems.

Mercedes-Benz Police carClick to enlarge Â

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