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2014 Spark EV 'Sets Industry Benchmark In Retail Electric Vehicle Efficiency' – GM

GM's green efforts look to be producing results.

The automaker released the mileage figures for the 2014 Spark EV and declared that it sets "the industry benchmark in retail electric vehicle efficiency" with a combined city/highway EPA-estimated range of 82 miles when fully charged and an EPA-estimated combined city/highway 119 MPGe fuel economy equivalent.

"Being able to provide our customers with the best overall efficiency of any retail EV has always been a key target for the Spark EV engineering team," said Pam Fletcher, GM executive chief engineer for Electrified Vehicles.

"We're poised to deliver to the market an EV that's not just efficient, but also thrilling to drive, thanks to the 400 lb.-ft. torque output of its electric motor."

Compared with the average new vehicle, the Spark EV can potentially save its owners up to \$9,000 in fuel costs over five years. The Spark EV goes on sale this summer in California and Oregon.

The Spark EV's 21 kWh lithium-ion battery pack will continue Chevrolet's tradition of offering industry-leading limited warranty protection – eight years or

100,000 miles, whichever comes first.

Spark EV will be the first vehicle on the market to offer as an available option the recently approved SAE combo charger for DC Fast Charging. The capability, available shortly after launch, will enable the Spark EV to recharge up to 80 percent of its capacity in approximately 20 minutes.

The battery system is capable of handling multiple DC Fast Charges daily. Charging can also be completed in less than seven hours using a dedicated 240V charge.

A 120V charge cord set comes standard. Charging can be managed and monitored remotely using the Spark EV's smartphone application, provided by OnStar, which is standard for three years.

"The Chevrolet Spark EV is a great city car which blends technology, functionality and style in an unexpected package," said Cristi Landy, director of Chevrolet Small and Electrified Vehicle Marketing.

"We built on the success of the Volt and the gas-powered Spark to offer an affordable, fun and efficient minicar our customers will love to drive."

The Chevrolet Spark EV will set an acceleration benchmark for an urban city electric vehicle – 0-60 mph in under eight seconds due to the mating of a permanent magnet electric motor, which produces more than 130 hp, with the coaxial drive unit.

The GM-designed oil-cooled, permanent magnet motor is the heart of the Spark EV's propulsion system. Putting more than half-a-million road miles on de-



2014 Spark EV

velopment versions of the Spark EV, say GM officials, enabled engineers to make the performance of the electric motor the best it could be by using a bar-wound copper stator and unique rotor configuration.

The motor and drive unit are assembled at GM's Baltimore operations plant in White Marsh, Md.



Spark EV's battery pack

GM Tech Center to Host Bearing Burners Car Show

Spring is finally here – maybe! This is the time when the faithful car buffs get their beloved ride out and enjoy a Sunday cruise, car club meets and have just plain simple fun.

The 36th annual Bearing Burners Auto Club Car Show & Swap

Meet will take place at the GM Tech Center, 30003 Van Dyke in Warren, on Sunday, May 5.

The show begins at 10 a.m. and runs until 4 p.m. Setup begins at 7 a.m. and lasts three hours.

Spectators enter the show via gate 13, swap meet vendors

through gate 14, show cars participants by gate 9 and those bringing vehicles to the used car corral and Manufacturers Midway get in through gate 11.

"This is the sixth time we've held our Car Show & Swap Meet at the Tech Center," said club

member Gary Jacob. "I am in charge of the Manufacturers Midway portion of the show. This year, we expect about 50 vendors to participate in the Midway. They are makers and sellers of

CONTINUED ON PAGE 3



The Barbara Ann Karmanos Cancer Institute's 31st Annual Dinner was held on April 20 and co-hosted by Mark and Kim Reuss

Macomb ATHENA Nominees Named, Event Set for May 3

The Macomb Foundation has announced the 2013 nominees for the prestigious ATHENA Award.

The international ATHENA award recognizes individuals who actively assist women in realizing their full leadership potential.

This year's nominees are:

- Sari Abromovich, Harbor Oaks Hospital;
- Jolyne Baarck, Family Youth Interventions;
- Janet Dunn, Macomb Township Supervisor;
- Bernadette M. Gendernalik, D.O., McLaren Macomb;
- Penelopi Khorraminia, Zoom Café;
- Andrea LaFontaine, State Representative, District 32;
- Marilyn Lane, State Representative, District 31;
- Sherry Lawfield, Hantz Bank;

- Candice Miller, U.S. House of Representatives;
- Jennifer Morgan, Martha T. Berry Medical Care Facility;
- Rhonda M. Powell, Michigan Office of Services to the Aging;
- Judith P. Pritchett, Ph.D., Macomb Intermediate School District;
- Laila Shehadeh, D.O., Henry Ford Macomb Hospitals;
- Jan Wilson, Michigan Association of Community Mental Health Boards.

The Macomb Foundation will present the 2013 ATHENA Award at a luncheon at The Palazzo Grande in Shelby Township on Friday, May 3, beginning at 11:30 a.m.

FOX 2's Deena Centofanti will serve as event emcee. Centofanti is the co-anchor of FOX 2 News Weekend and the FOX 2 Health

CONTINUED ON PAGE 2

Karmanos Annual Dinner Raises \$2.5M

The Barbara Ann Karmanos Cancer Institute's 31st Annual Dinner was held Saturday, April 20, at the General Motors Detroit-Hamtramck Assembly Center. More than 550 guests attended.

Its event chairs were Mark and Kim Reuss. Mark is president of General Motors North America. Host Sponsor for this year's event was Chevrolet.

The emcee was Ruth Spencer, anchor and consumer reporter for WDIV Local 4.

The theme of this year's event was "IMAGINE," as in "imagine greener, cleaner innovation and imagine a world without cancer." The theme connected the innovative work being done at two Michigan-grown institutions: General Motors and the Karmanos Cancer Institute.

Due to the contributions of General Motors, the GM Foundation and numerous sponsors and supporters, more than \$2.3 million of the \$2.5 million raised at the annual dinner was earmarked before the event, making this a record-setting annual dinner for Karmanos.

The event included a cocktail reception, seated dinner, brief program, entertainment by DJ Brad Hales and Motown legends The Four Tops, a raffle of an 18kt white gold pave set diamond bangle bracelet from Tapper's Diamond & Fine Jewelry, and a live auction led by Spanky Assiter, founder of Assiter & Associates, National Auctioneers Association Hall of Fame inductee and Barrett-Jackson auctioneer.

Auction items included: Bill-

board Music Awards VIP Experience; Green Bay Packers Lambeau Field Experience; ESPY Awards VIP Experience Package; NCAA 2014 Final 4 Experience; Super Bowl XLVIII VIP Package; a VIP Indy 500 Package; an Ultimate VIP Barrett-Jackson Experience; and a Bose Videowave System. Auction packages were donated by Chevrolet, GMC, Barrett-Jackson and Bose.

The program featured descriptions of the cancer care and research taking place at Karmanos, as well as some patients who have benefited from the Center. One of those patients was Mary Adzigian of Grosse Pointe Woods, who's celebrating her five-year anniversary since being

CONTINUED ON PAGE 2



Jeff Gilbert

'Pent-Up Demand For New Vehicles Is So Strong It Will Take About 5 Years to Play Out' – WWJ's Gilbert

by Irena Granaas

Jeff Gilbert, WWJ Radio 950 "AutoBeat" reporter who hosts "The Car Chronicles," gave a fairly positive report card on the state of the American auto industry at "Automotive Update: 2020 Visioning," held at Oakland Community College's Auburn Hills Campus April 24.

Gilbert said a couple of years back, the U.S. auto industry was "in a mess," plunging from selling 17 million vehicles per year to suddenly moving only about 10 million units.

"And really, that 17 million sales rate was what set us up for failure, because really, it was unsustainable," he said. "Vehicles

were being sold at a discount. There were incentives even on popular-selling vehicles, and the second people didn't need a car, they stopped buying and the market dried up.

"People were under water with vehicles, and we all know what happened to the automaker down the road in Auburn Hills and to GM in Detroit – they went through bankruptcy. But the good news is, they're back, and in a great way.

"A lot of the heavy lifting with General Motors was done before the bankruptcy, a lot of it with Chrysler was after the bankruptcy, but either way both compa-

CONTINUED ON PAGE 2

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