Toyota sets lap record for electric vehicle

Toyota Motorsport set a new lap record for an electric vehicle (EV) at the legendary 20.8 km Nurburgring Nordschleife circuit in Germany.

The Toyota Motorsport EV P001, with 100 per cent electric powertrain and Jochen Krumbach at the wheel, set a new lap record of 7 mins 47.794 secs to beat the previous lap record, which stood at 9 mins 1.338 secs, by a very substantial margin.

Using two electric motors, the Toyota Motorsport electric car has a top speed of 161 mph.

The new lap record was completed on road-legal tires, using the complete Nordschleife track. It was verified by independent lap timing.

Toyota Motorsport's target prior to the August 29 record run was to become the first electric vehicle break the eight-minute barrier and this was achieved comfortably on a day when the notoriously changeable Nürburgring weather stayed fine, although track temperatures were relatively low.

—Metroland Media Carguide Magazine

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HWY: 7.4L/100KM (38 MPG)
CITY: 10.6L/100KM (27 MPG)

Sorento SX shown

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Rondo EX-V6 shown

HWY: 7.5L/100KM (38 MPG)
CITY: 10.6L/100KM (27 MPG)

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LAST CHANCE CLEAROUT

2011 SPORTAGE

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MOTORING 2011 CAR OF THE YEAR

HWY: 6.9L/100KM (41 MPG)
CITY: 10.0L/100KM (28 MPG)

Sportage SX shown

LAST CHANCE CLEAROUT

2011 SOUL 1.6L MT

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HWY: 6.3L/100KM (45 MPG)
CITY: 7.7L/100KM (37 MPG)

International model shown

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Offer(s) available on all new 2011 and 2012 models through participating dealers to qualified customers who take delivery by September 30, 2011. Dealers may sell for less. Some conditions apply. Retailer order/trade may be necessary. Offers are subject to change and may be extended without notice. See dealer for complete details. Vehicle images shown may include optional accessories and upgrades. All offers exclude licensing, registration, insurance, PPSA, applicable taxes and variable dealer administration fees (up to $699). $500 cash bonus is available for all qualified customers who purchase and take delivery of a 2012 Kia model between September 7, 2011 and September 30, 2011. $500 cash bonus is available on all 2012 Kia models (excluding 2012 Rio). Cash bonus is deducted from negotiated price before taxes. Offer available at participating dealers on in-stock vehicles only. Model shown includes optional accessories and may not appear exactly as shown. **0% purchase financing is available on all 2011 and 2012 Kia models on approved credit (OAC). Terms vary by model and trim, see dealer for details. Financing example based on 2011 Kia Sportage (SP55AB)/2012 Kia Rondo (RN75C) with a selling price of $22,279/$20,700, Delivery and destination fees ($1,650), other fees ($34), OMVIC fee, Environmental Fee and A/C tax (where applicable) are included. Licence, insurance, applicable taxes, variable dealer administration fees are extra. Financing examples include $1,500/$1,500 (includes $500 cash bonus§ offer) loan credit. Retailer may sell for less. See dealer for full details. *Bi-weekly finance payment for 2011 Soul (S05508) is $89 financing offers on select 2011 and 2012 models on approved credit (OAC) (2011/2012 Sportage/Sorento/Sedona/Borrego excluded). No interest will accrue during the first 90 days of the finance contract. After this period, interest starts to accrue and the purchaser will repay the principal interest monthly over the term of the contract. *Bi-weekly finance payment for 2011 Soul (S05508) is $89 and is based on an MSRP of $16,179 with an APR of 0% for 84 months, plus applicable taxes due at end of 84-month period. Loan credit of $1,500, delivery and destination fees of $1,650, other fees of $34, OMVIC fee, Environmental Fee and A/C tax ($100, if applicable) are included. Licence, insurance, applicable taxes, variable dealer administration fees of up to $699, PPSA and registration fees are extra. Retailer may sell for less. See dealer for full details. ‡Loan credit (cash savings) for 2012 Kia Sorento LX AT (SR75B) is $1,750 (includes $500 loan credit, $750 loyalty bonus* and $500 cash bonus§ offer), and is available on purchase financing only on approved credit (OAC). Loan credit varies by model and trim. *Loyalty Bonus offer available on 2012 Kia Sorento at a value of $750 for any current Kia owners towards the purchase or lease of a new 2012MY Sorento. Loyalty Bonus offer applicable to cash purchase, lease and purchase financing only before September 30, 2011. Offer is transferable within same household only (must provide proof of address). Limit of one bonus per customer or household. Certain restrictions apply. See dealer for details. *Highway/city fuel consumption of these vehicles may vary. These estimates are based on the Government of Canada's approved criteria and testing methods. Refer to the Government of Canada publication EnerGuide Fuel Consumption Guide. ^2011 Kia Soul/2011 Kia Sorento awarded the Top Safety Pick by the Insurance Institute for Highway Safety. The award is applicable to all 2011 Sorento models manufactured after March 2010. Visit www.iihs.org for full details. △2011 Kia Sportage awarded Car of the Year by Motoring 2011 for Best SUV/CUV (under $40,000) and overall Car of the Year. Visit www.motoringtv.com for full details. *The Bluetooth® word mark and logo are registered trademarks and are owned by Bluetooth SIG, Inc. Some conditions apply to the $500 Grad Rebate Program and $750 Kia Mobility Program. See dealer for details. Information in this advertisement is believed to be accurate at the time of print. For more information on our 5-year warranty coverage, visit kia.ca or call us at 1-877-542-2886. Kia Canada is the official automotive sponsor of Mothers Against Drunk Driving (MADD Canada). KIA and FlexChoice are trademarks of Kia Motors Corporation.

Defender debut

The Land Rover DC100, a modern interpretation of the iconic Land Rover Defender will make its debut at the 2011 Frankfurt Motor Show. Land Rover has also confirmed, that production of a new Defender is intended for 2015. The Land Rover DC100 concept builds upon the essential elements of the car's character and allows Land Rover to open the debate and inspire people to dream about the Defenders of the future.

—Metroland Media Carguide Magazine

Volvo and Siemens team up to advance development of electric automobiles

Volvo Car Corporation and Siemens intend to jointly advance the technical development of electric cars through extensive strategic cooperation.

The focus is on the joint development of electrical drive technology, power electronics and charging technology as well as the integration of those systems into Volvo C30 Electric vehicles.

The first electric cars of this model fitted with Siemens electric†motors will be on the test tracks as early as the end of this year. Beginning in late 2012, the Swedish carmaker will deliver a test series of up to 200 vehicles to Siemens, which will then be tested and validated under real-life conditions as part of a Siemens internal test fleet.

The partnership gives Siemens the chance to extend its industrial leadership in electric drive technology into the automotive market together with a renowned vehicle manufacturer.

Volvo Car Corporation will be relying on proven and efficient Siemens technology for the electrification of its future vehicles.

Siemens electric motors developed for Volvo have a peak power output of 108 kilowatts with a maximum torque of 220 Nm. The inverter design will be jointly optimized to meet all safety requirements in an automotive application. In addition, Siemens will provide highly efficient and fast on-board and off-board charging systems.

Volvo Car Corporation starts small-scale production of the Volvo C30 Electric this year, and next year the company will start selling the Volvo V60 Plug-in Hybrid.

—Metroland Media Carguide Magazine