



2014

JANUARY
EDITION

DAuto NEWS LETTER

Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

CHEVROLET UNVEILS THE NEW CORVETTE Z06 AND C7.R

Chevrolet has presented the 2015 Corvette Z06, the most track-capable Corvette ever, with a 625 hp supercharged 6.2L engine and extensive aerodynamic body.



At the 2014 Detroit Motor Show Chevrolet has revealed the 2015 Z06 version. The 2015 Corvette Z06 is the first Z06 model to offer a supercharged engine, an automatic transmission and, thanks to its stronger aluminium frame, a removable roof panel. The new, supercharged 6.2L engine delivers more than 625 horsepower (466 kW), and can be matched with either a seven-speed manual or an all-new, high-performance eight-speed automatic transmission with paddle shifters for manual control.

The car will be also available with the track-focused Z07 Performance Package – currently under testing – which has already recorded some of the fastest lap times ever for a Corvette, surpassing even the ZR1. Chevrolet has also revealed the 2014 Corvette C7.R race car, that shares the chassis, engine technologies and aerodynamics strategy with the Z06 and will be racing in the Tudor United Sports car championship series.

CHEVROLET UNVEILS THE NEW CORVETTE Z06 AND C7.R



Inside, the Corvette Z06 is distinguished from the Corvette Stingray by unique colour schemes that emphasize the driver-focused cockpit, and a unique, flat-bottomed steering wheel.

Like the Stingray, the Z06 will be offered with two seating choices: a GT seat, for all-around comfort, and a Competition Sport seat with more aggressive side bolstering, which provides greater support on the track. The frame structure for both seats is made of magnesium, for greater strength and less weight than comparable steel frames. They're also more rigid, contributing to the enhanced feeling of support during performance driving.

The Z06 also benefits from interior details designed for high-performance driving, including a steel-reinforced grab bar on the center console for the passenger and soft-touch materials on the edge of the console, where the driver naturally braces during high-load cornering. The performance-supporting elements inside the new Corvette Z06 are complemented by unprecedented attention to detail and build quality.



ACURA UNVEILS THE 2015 TLX PROTOTYPE

At the 2014 Detroit Motor Show Acura has unveiled the 2015 TLX Prototype, previewing the design and performance direction for the all-new 2015 TLX sedan that will go on sale in the US in mid-2014.

The all-new TLX was developed around the theme "Red Carpet Athlete" to deliver a mix of luxury refinement and dynamic performances.



Dimensionally, the new TLX Prototype is 3.8 inches shorter in overall length (190.2 inches) than the current TL, yet rides on the same 109.3 inch wheelbase as the TL. These values place the new TLX in between the smaller ILX and larger RLX sedans.



The 3.5-liter V-6 is mated to a new 9-speed automatic transmission with closely spaced gear ratios and a wide overall ratio range to further extend engine performance and fuel efficiency.

LEXUS REVEALS THE V8-POWERED RC 'F'

At the 2014 Detroit Motor Show Lexus will unveil the RC F, a high performance version of the RC Coupé, powered by a 5.0 liter V8 engine and an exterior optimized for aerodynamic performance.

The new, high performance RC F joins the recently unveiled RC Coupé line-up. The main feature is the 5.0-litre V8 engine – the most powerful unit in the company's history – expected to deliver well in excess of 450bhp.

Inside the cabin, features unique to the model include the meters, steering wheel, seats, trim detailing and pedals. The new steering wheel design, has an elliptical cross-section, a thick grip and optimum location of shift paddles.

The high-back seats are also new: finished with an embossed F on the headrests, their styling is inspired in part by modern high-tech athletic sportswear. The design of L-shaped rubber slits in the brake and accelerator pedals provide an improved look as well as a better foot grip.



NISSAN PREVIEWS SPORT SEDAN CONCEPT

Nissan will present the Sport Sedan Concept, a study that previews an upcoming production model and hints at a more energetic future design direction.

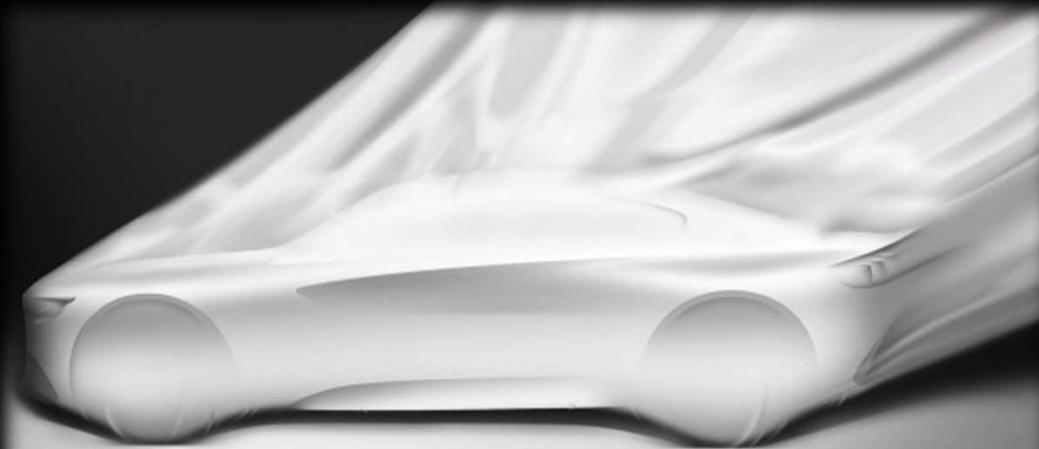
As Nissan reports, the Sport Sedan Concept previews a new energetic design direction that amplifies the company's approach of **applying sports car principles to a sedan.**



QOROS PREVIEWS SECOND PRODUCTION MODEL

Qoros has announced that at the Geneva Motor Show it will present its second production model.

The new model, previewed by two design sketches, will retain the main design language introduced with the brand's debut model, the Qoros 3 Sedan, while also introducing new features such as a subtly evolved treatment of the front grille and unique rear LED lamp clusters. The car is designed to appeal to the young, modern, 'always connected' metropolitan customer, with state-of-the-art features including the QorosQloud infotainment system accessed via an eight-inch touch screen.



Peugeot teases concept ahead of Beijing Show

Peugeot in April will unveil a four-seater, sporty concept with a distinctive use of materials inspired by the Onyx show car. The new concept will have a length of 4.73m and a height of just 1.31m, and according to the company it “offers athletic and refined styling for four passengers and their luggage”.

Datsun previews design direction with concept sketch

Nissan's Datsun brand has revealed the first sketch of a concept car that hints at a new compact model targeted to young customers in emerging markets. Following the recent return of the Datsun brand with the GO model, Nissan group has now announced a new show car that will make its debut at the Delhi Auto Expo 2014 in February, at India Expo Mart, Greater Noida Delhi NCR.



VOLKSWAGEN BEETLE DUNE CONCEPT



Unveiled at the North American International Auto Show (NAIAS), the Volkswagen Beetle Dune Concept is a near-production study of an all-road, rugged version based on the R-Line model.

The main feature of the Volkswagen Beetle Dune Concept is the all road, rugged look with a raised body and 19-inch wheels.

The distinctive colour, named 'Arizona', is a yellow/orange metallic paintwork and is combined with a number of black details, both in high-gloss and matte finish. The chrome-plated under body protection and side trim strips on top of the sills are inspired by the the running boards of the original Beetle and are matched by the chromed-finished side view mirrors. The interior – featuring infotainment system and high-definition 7.7-inch touch screen - conveys in addition a high level of technological fascination. The Beetle Dune is powered by a 210 PS turbo gasoline engine, which gives the concept car acceleration of 0 to 100 km/h in 7.3 seconds. The VW logo at the center of each wheel is embedded in a three-dimensional housing that's painted in the car's exterior colour. The distinctive Dune logo, meanwhile, is placed in front of the rear fenders.

KIA GT4 STINGER CONCEPT

At the 2014 Detroit Motor Show Kia has presented the GT4 Stinger Concept, a study of a high- performance 2+2 sport scar that evolves the company's design language.



The concept car signals a new evolution of the company's design language, while maintaining its key styling elements. The GT4 Stinger was developed with a particular focus on the connection between driver and machine, with an "analog" approach

Beneath the low wedge of the GT4 Stinger's hood resides a tuned version of Kia's proven 2.0-liter turbocharged gasoline direct injected (T-GDI) four-cylinder engine putting out an impressive 315 horsepower. That power is put to the ground via a close-ratio six-speed manual transmission driving the rear wheels, which are wrapped in 275/35R-20 Pirelli P-Zero performance tires. Staggered 235/35R-20 Pirelli P-Zeros nestle beneath the front fenders, ensuring loads of corner-carving grip. Custom 20-inch aluminium center-lock wheels feature carbon fibre inserts for strength and weight reduction.

VL AUTOMOTIVE PREVIEWS OPEN-TOP DESTINO CONCEPT

VL Automotive, the US-based company co-founded by Gilbert Villarreal and Bob Lutz, has announced a new open-top concept of the Fisker - based Destino luxury performance car. the Destino is equipped with the Chevrolet Corvette ZR1 power train and follows the sedan presented at NAIAS 2013.



About VL Automotive

American-based VL Automotive was founded in 2012 by Gilbert Villarreal and Bob Lutz as a boutique design and manufacturing company for luxury performance vehicles. The Destino is manufactured in Auburn Hills.

Katzkin's relationship with VL Automotive began through discussions following Lutz's advisory role to the organization. Founded in 1983, Katzkin Leather, Inc., of Montebello, California is the leading manufacturer of custom leather interiors. Katzkin has created nearly two million exciting vehicle interiors in the past 30 years. Katzkin maintains more than 3,000 interior patterns, 135 colours and materials, and more custom options than any other interior manufacturer.



TOYOTA FT-1 CONCEPT

Toyota has presented the FT-1 Concept, a study of a sport coupé that signals a change in the design direction of the company, which will feature a more emotional, explorative approach. The FT-1 was initially developed to be featured in the GT6 racing game then the vehicle was further developed as full-sized physical model, and unveiled at the 2014 Detroit Motor Show.



The concept is underlined by the name FT-1, where FT stands for future Toyota and the number "1" represents the "ultimate" and celebrates the 40th anniversary of the US-based design center.



Among the distinctive elements are the transparent engine cover on the hood, the blade-shaped side mirrors, the double bubble roof, the LED headlights and the bold design in the pipe exhaust area. Another highlight is the rear wing, which is completely integrated in the rear volume when inactive, another similarity with the AMG Vision Concept.

THE HISTORY OF THE PORSCHE 911 TARGA

Porsche unveiled the 911 Targa, the world's first ever 'safety Cabriolet', in September 1965 at the International Motor Show (IAA) in Frankfurt, Germany. The name 'Targa' comes from the famous Targa Florio race and since the mid-sixties has been synonymous with the open driving concept, which was new at the time.



Production of the vehicle began towards the end of 1966 with the market launch of the 911 Targa taking place in 1967. The Targa cost 1,400 Deutschmarks more than the Coupé. This roof concept was enhanced from one 911 generation to the next over a period of 27 years.

The 'semi-open' variant acquired status of a stand-alone vehicle concept in the Porsche range, becoming the model of choice for one in ten 911 buyers. For the 1996 model year, Porsche presented a fully revised version of the 911 Targa ('Type 993'). The entire roof was made of glass, with a sliding glass cover above the driver and front seat passenger that could be lowered and retracted beneath the hinged rear glass window.

STORY BEHIND ROLLS ROYCE LOGO



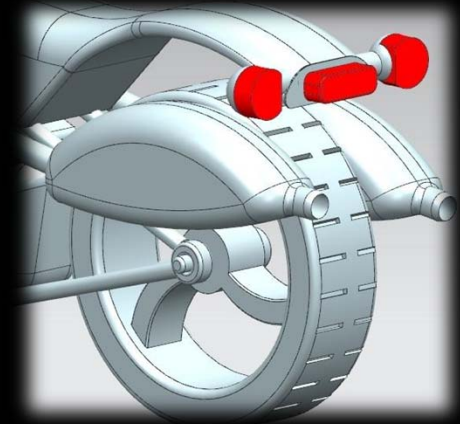
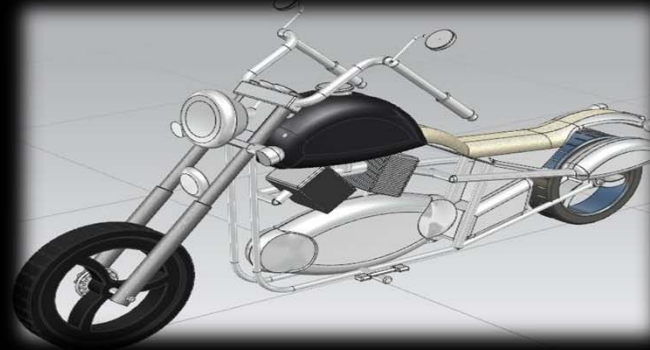
Tragedy plays a role in a popular myth surrounding the famous intertwined double-R logo of British luxury automaker. The company's founders, Sir Henry Royce and Charles Stewart Rolls, originally used red lettering for the emblem that combined the first initial of their last names. Legend has it the color was changed, from red to black, in a mark of respect after the death of Sir Henry Royce in 1933. In reality, black lettering was simply considered more becoming of a prestigious luxury car. The timing of the color change was pure chance.

Designed by Charles Sykes in 1911, the model for the emblem was Miss Eleanor Thornton, the personal secretary of John Scott Montagu, the 2nd Baron Montagu of Beaulieu and friend of company co-founder Charles Stewart Rolls. The three-pointed star is commonly known to symbolize the use of the company's engines on land, sea and air. But the star first appeared on a personal note written in 1872 from company founder, Gottlieb Daimler, to his wife. Mr. Daimler used a three-pointed star to mark the location of his family's new home in the town of Deutz, Germany. His sons adapted the emblem as the Mercedes-Benz logo from 1910 onward.

STUDENT'S CORNER



News from DAuto Family



This Chopper Bike and imagined contrive have been prepared and envisioned by Vivek Burman (BITS, Bhopal) students of DAuto CAD School during the period of Software Training on UNIGRAPHICS.

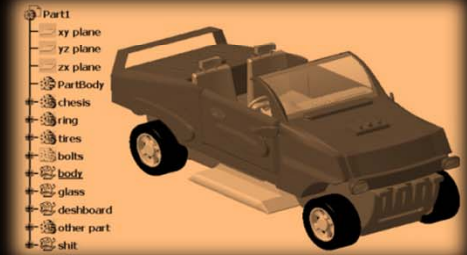
Students of DAuto CAD School during the period of Software Training on UNIGRAPHICS.

STUDENT'S CORNER

News from DAuto Family



This Off-road Car and imagined contrive have been prepared and envisioned by Manish Dongardiye (TIT-E, Bhopal) students of DAuto CAD School during the period of Software Training on CATIA V5.



Students of DAuto CAD School during the period of Software Training on CATIA V5.

**CONNECT
THROUGH**



visit us at www.dauto.co.in

Thanks for reading.