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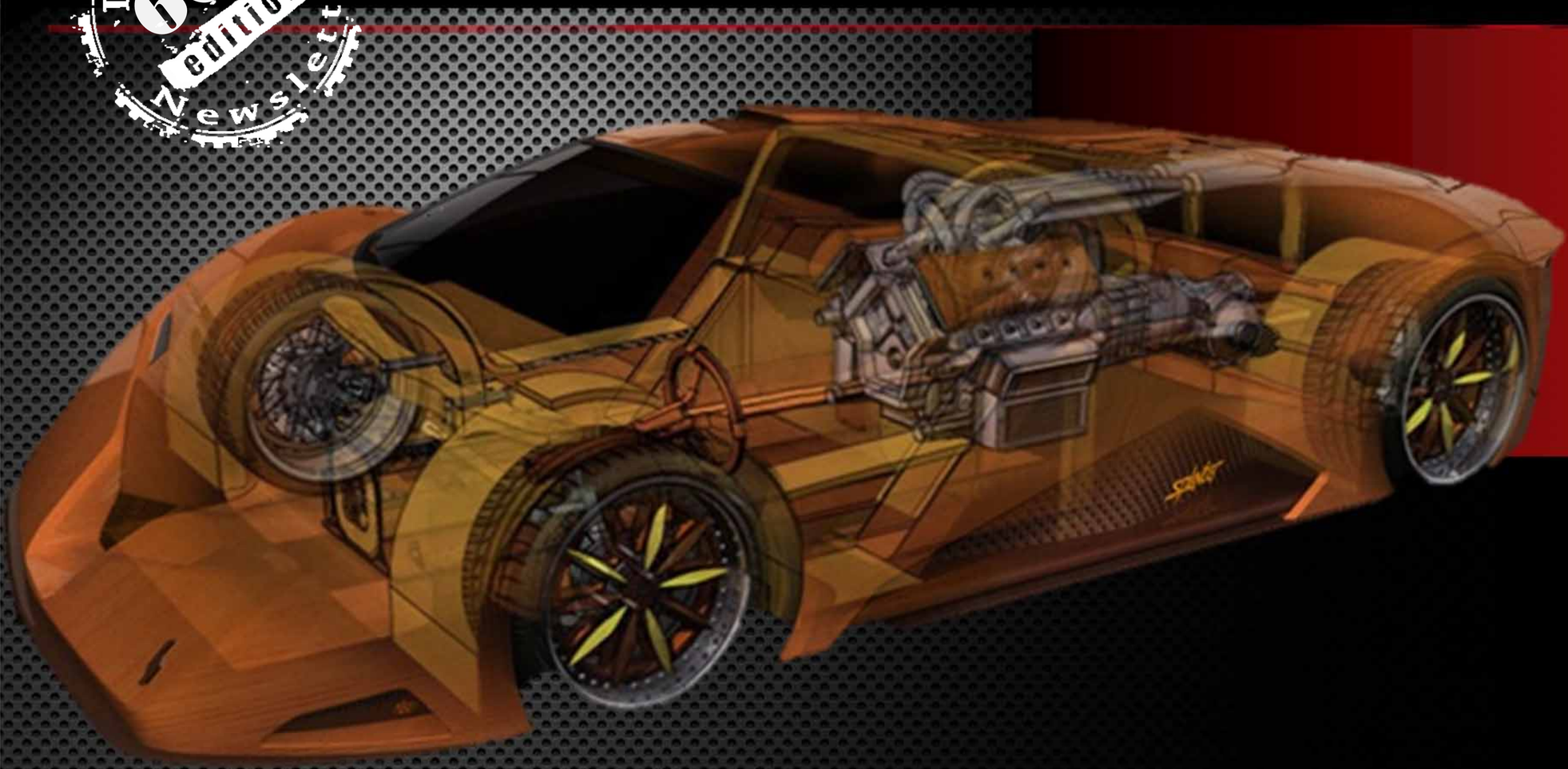
DAuto 60th edition Newsletter



2014

AUGUST EDITION

DAuto NEWS LETTER

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

Toyota FT-1 Graphite Concept

Toyota ha presented a second interior styling and exterior color for its FT-1 sports car concept.

The exterior of this new version is finished with a Graphite metallic paint that compared to the original reed seems to be quite effective in underlining the car's curves shapes and volumes, producing a richness of reflections and a high-tech, sleek effect.

Toyota FT-1 Graphite Concept

To achieve the FT-1's advanced-looking, intricately detailed interior, the team compared leather thicknesses, grain sizes and textures to find the perfect combination. Raised metal mesh provides ventilation for the seats while lending a more textural, bold effect that beautifully matches with the metal accents. A dimensional embossed pattern on the instrument panel leather brings in a 3-D, technical look.

The interior has a new color scheme, that changes from an all-black layout to a mix of natural leather and metallic surfaces.

Fiat 500L-Vans Design Concept

Details from Vans original hi-top shoe are echoed throughout the vehicle, including vintage palm-patterned canvas, Vans logo stickers on the instrument panel and Vans Waffle Sole on the pedals and in storage bins.

On the exterior, the roof displays the Vans Checkerboard pattern, while the step pad, cladding and grille texture are accented with the Waffle Sole design.

Other unique features include a two-tone body color paint scheme, 18-inch matte black wheels and a roof rack with a basket and a double-decker surfboard carrier.

Audi R8 LMX

At the Goodwood Festival of Speed Nissan is unveiling the physical version of the Concept 2020 Gran Turismo, the extreme supercar designed for the GT6 racing game.

During the Goodwood event, visitors will be able to experience motorsport thrills for themselves in high-tech Gran Turismo® 6 gaming pods.

To complete the digital experience visitors can virtually design their own IDx concept with the Oculus Rift 3D virtual reality gaming headset that delivers mind-blowing realism.

There will be a strong Nissan presence on the Goodwood track too, with two versions of its all-conquering GT-R supercar – the GT-R NISMO and the record-breaking GT-R Time Attack appearing on the famous circuit throughout the weekend. The GT-R NISMO GT3 will be driven by rising star, GT Academy winner and current Le Mans JS P2 driver Jann Mardenborough.

Clemson University unveils BMW X3-based Deep Orange 4 Concept

The Clemson University International Center for Automotive Research (CU-ICAR) has presented the fourth generation of its concept vehicle program: a versatile pick-up developed in collaboration with BMW Manufacturing Co.

The pick-up is based on the BMW X3 and is defined as a versatile vehicle that targets the niche market of performance-oriented SUV customers who want both best-in-class utility and space and an aggressive sporty design.

For the Deep Orange 4 vehicle, a cost-efficient manufacturing plan was developed which details how a theoretical low-volume model could be assembled without negatively impacting existing BMW production processes.

Jaguar C-X17 wins interior design award

The C-X17 concept was launched at the Frankfurt Motor Show as a design study to demonstrate the capabilities of Jaguar's new advanced aluminium monocoque architecture, which will form the basis of the forthcoming XE sports saloon.

The C-X17 takes interactivity to a new level. The judges recognized how its concept interior is able to blend high-end interactive technology with premium traditionally crafted materials. channels.

The unique Interactive Surface Console brings interior automotive design right into the modern age, running the length of the car's centre tunnel, and made up of a series of interconnecting touch-screens, the Surface Console connects rear passengers with the driver and front seat passengers via a secure in-car Wi-Fi network, so occupants can upload pictures, video and sound files from their mobile devices and share them with their fellow passengers as well as on all social media channels.

Pininfarina designs RC Drone

A top priority for any airline is to conserve as much fuel as possible – and this helps to protect the environment. The EU project SARISTU aims to reduce kerosene consumption by six percent, and integrating flexible landing devices into aircraft wings is one step towards that target. Researchers will be showcasing this concept alongside other prototypes at the ILA Berlin Air Show.

While birds are able to position their feathers to suit the airflow, aircraft wing components hav so far only been rigid. As the name suggests, landing flaps at the trailing edge of the wing are extended for landing. This flap, too, is rigid, its movement being limited to rotation around an axis. This is set to change in the SARISTU project.

"Landing flaps should one day be able to adjust to the air flow and so enhance the aerodynamics of the aircraft."

Porsche Design Studio repositions its business with luxury watches

The Porsche Design Group has founded a subsidiary in Switzerland dedicated to producing high-quality timepieces.

The first watch series offered solely by Porsche Design will go on sale in the fourth quarter o 2014. Characteristics that Porsche Design has been presenting as watchmaking milestones more than 40 years. The legendary Chronograph I was the world's first black watch as well the first product produced by the luxury brand. the world's most complex watch mechanis produced in a limited run: Four spring barrels are required to power all functions reliably an the mechanism comprises a total of more than 800 individual parts.

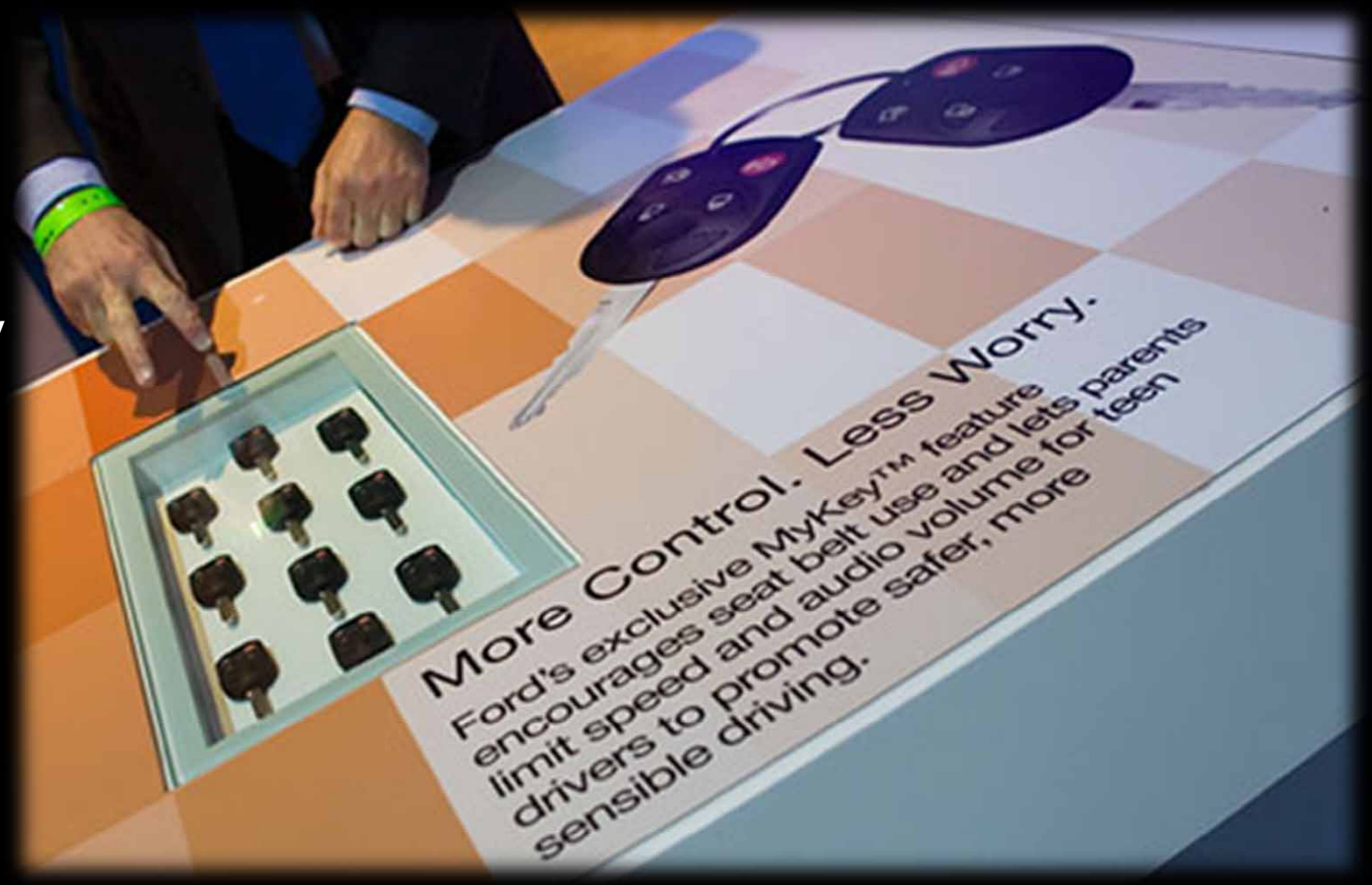
Jaguar announces all-aluminum XE

Jaguar has released technical details on its upcoming XE, which will be based on a new modular architecture with an aluminum-intensive unibody.

The all-new XE Compact Sport Sedan features an all-new, aluminum-intensive architecture, and an advanced chassis design with Integral Link rear suspension. the structures used for the Jaguar XJ, XK and F-TYPE – and features a high strength, rigid body that enables optimal driving dynamics. A new aluminum alloy, RC5754, was developed for the XE and uses a high a percentage of recycled aluminum to reduce energy consumption and lifecycle CO2. Lightweight aluminum accounts for 75 percent of the structure.

Parental control

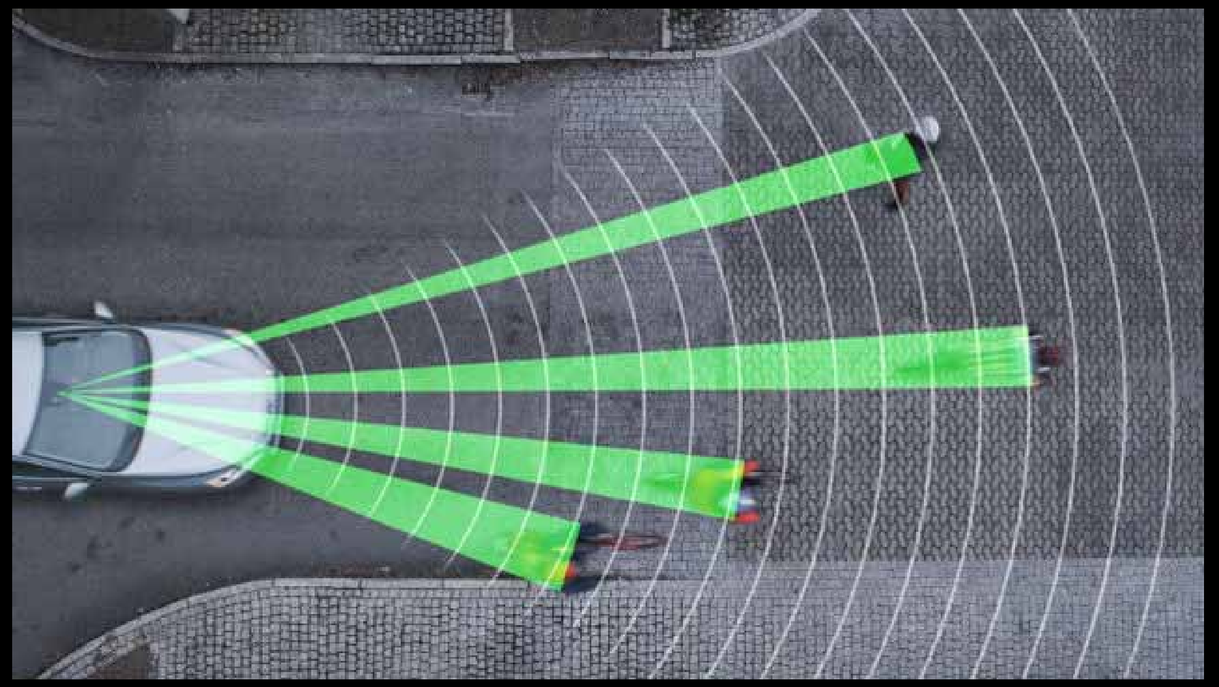
Think of it as PG-rated driving: MyKey, a new technology system that Ford demonstrated at the New York auto show, allows parents of teenage drivers to restrict what their offspring can do with the family car — in a minimal, not-so-intrusive way, of course. MyKey pairs the ignition key's fob with the car. Parents get one key with total control over the vehicle, while their children get the MyKey, with restrictions. Parents can limit the top speed of the car to 80 miles an hour, set warning beeps to go off at either 45, 55, or 65 m.p.h. and restrict the volume of the car's stereo to 44 percent of the maximum volume.



Perhaps the best feature of MyKey, however, is a seat-belt warning system that pings the driver and mutes the radio until both the driver and front-seat passenger fasten their belts.

NEW AUTOMOTIVE TECHNOLOGIES

Traffic signs recognition - This is already happening in Europe, where Audi and Mercedes-Benz, among others, use front-facing cameras to identify road signs. Combining that information with the data contained in today's navigation systems, the car can replicate the speed limit right in the middle of the information cluster behind the wheel, for example.



Pedestrian detection - Volvo has developed a combination of technologies that goes further than simply identifying objects: it can identify pedestrians and cyclists, thus allowing avoidance of collisions and injuries in urban areas, where such accidents are most common. Since this also happens to be one of the most important type of accidents involving cars, this technology should spread pretty quickly.

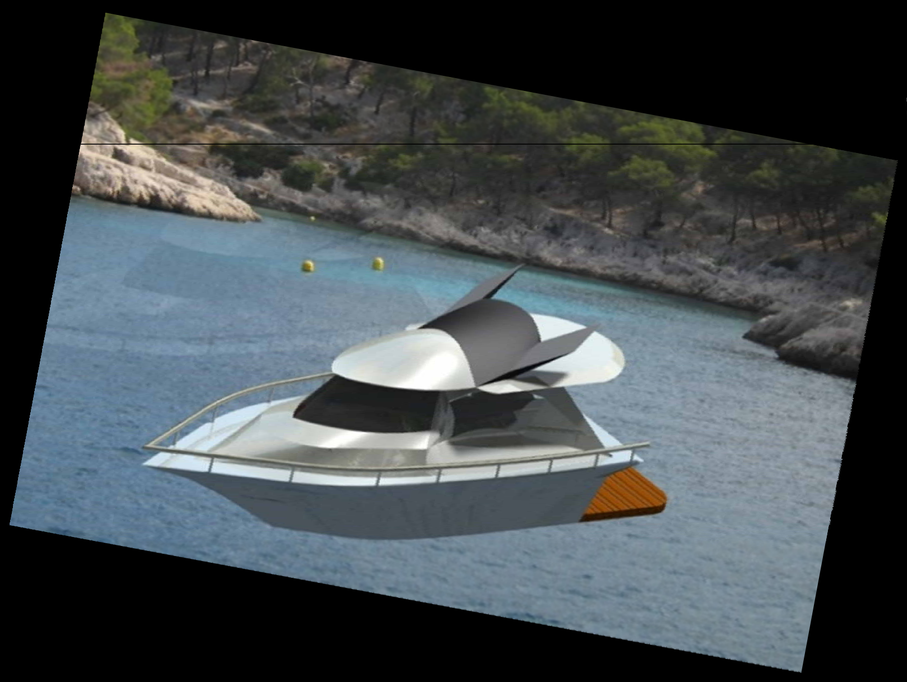
Kamaz & its History

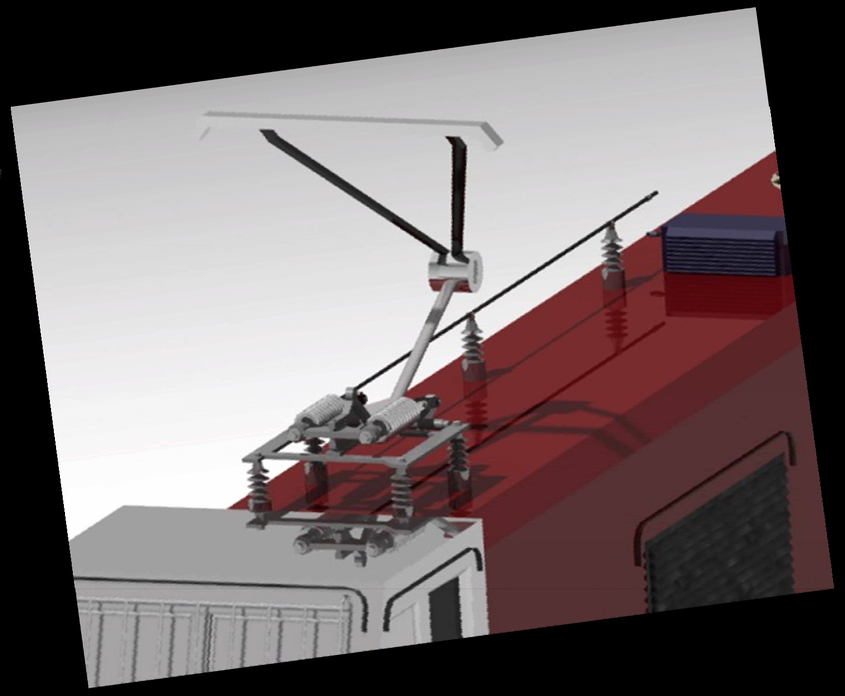
KAMAZ Inc. is a large vehicle building company. The united production complex of KAMAZ Inc. consists of 13 large special-purpose plants developing, producing, assembling vehicles and components and also marketing end products.
KAMAZ is the major vehicle supplier for the Ministry of Defense of the Russian Federation, RAO GAZPROM, LUKOIL, SUEK, TNK.

Kamaz – Probably the only brand the Russian car manufacturing industry can still be proud of. The Russian team driving Kamaz trucks had won the Paris Dakar truck race 12 times since 1996.

STUDENT'S CORNER

News from DAuto Family





Dynamic Boat and Rail Engine designed by Md. Shahnawaz Khan & Mr. Sarmad Yezdani Students of DAuto CAD School during the period of Software Training on CATIA V5.

For more 1800 1234 011 E-mail us at: training@dauto.co.in

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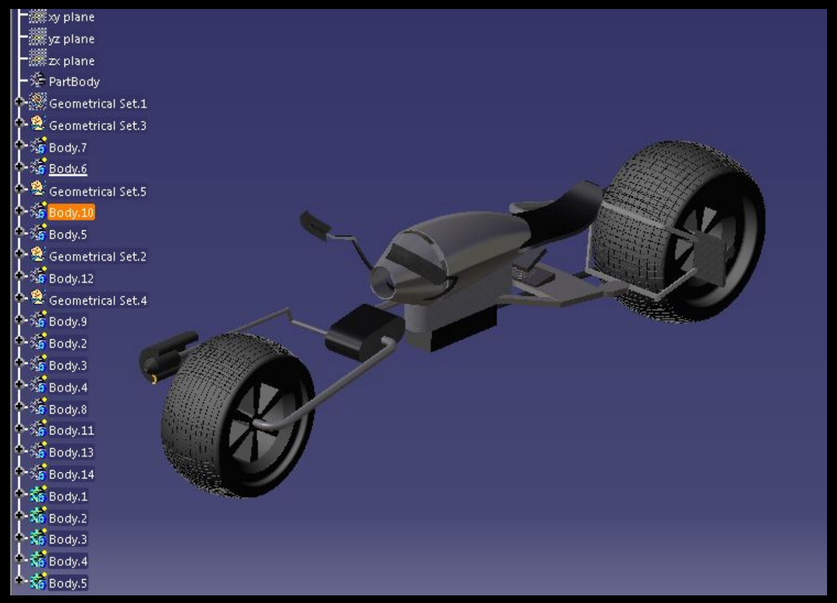

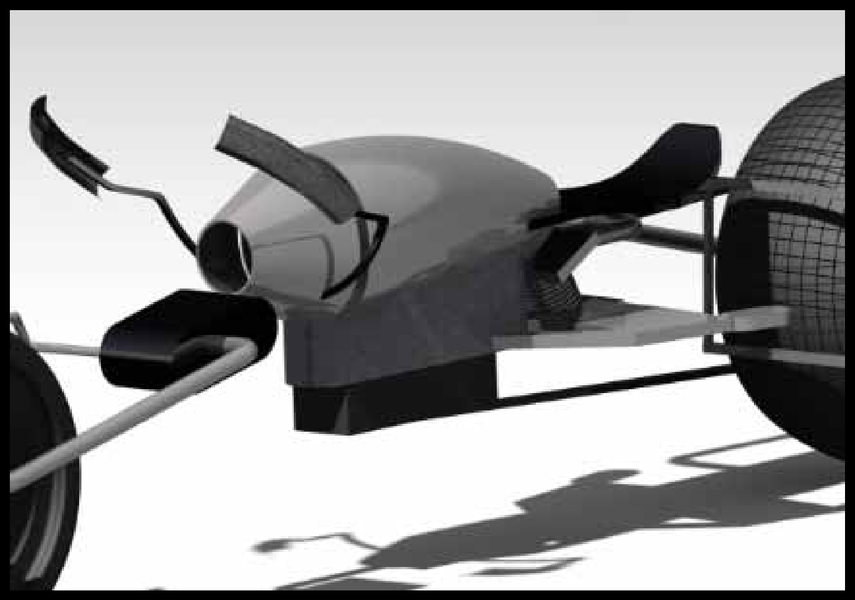

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Bat Man Bike designed by Mr. Jatin Kant Trivedi in CATIA V5

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