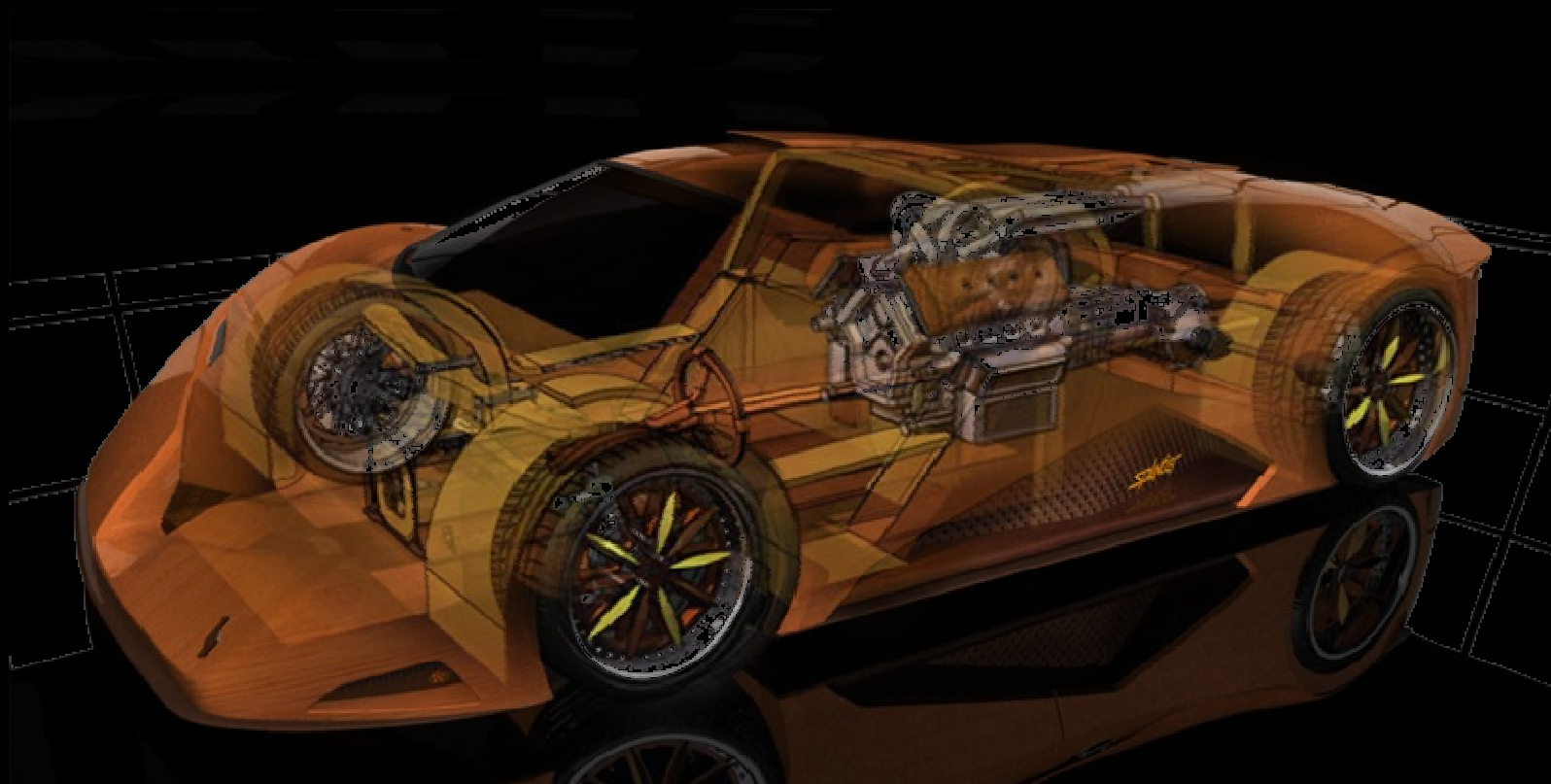


July 2011 Edition

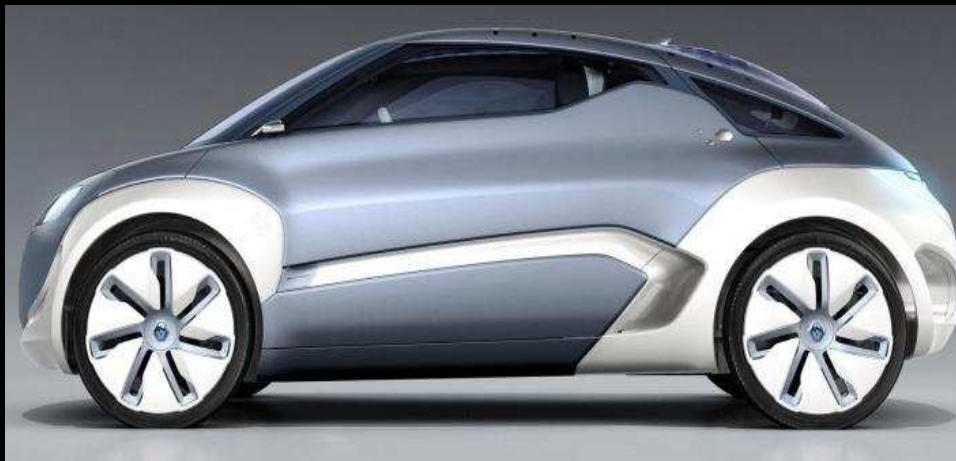
DAuto News Letter



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

Electric Renault Zoé Z.E 2012

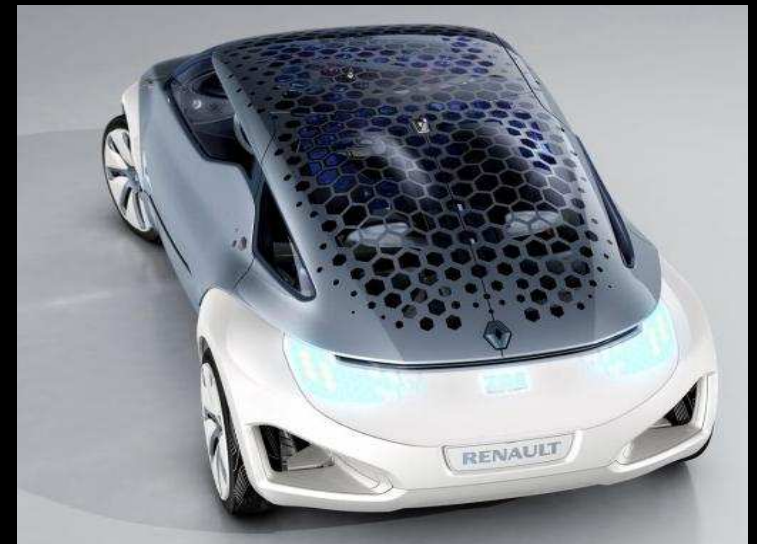
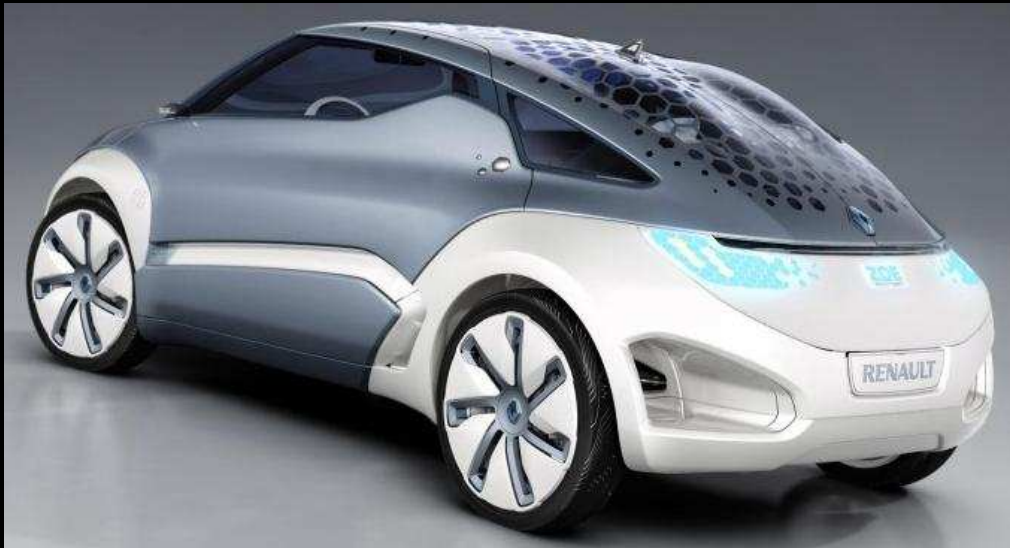
Renault once again confirmed with the release of the Zoé Z.E. concept that it is planning to launch "volume production of a range of electric vehicles." The offensive is expected to kick off in 2011. While horsepower and torque numbers on the production Zoé Z.E. are yet to be revealed, consumers can take heart knowing that the car has an electric system that diffuses "essential oils adapted to the needs of the driver." The aromatherapy — presumably lavender — makes the driver relax when coming home from work and wakes him or her up when driving at night . Renault says the Zoé Z.E. can be fast-charged in 20 minutes at special charge stations or via a standard charge in four to eight hours.



Electric Renault Zoé Z.E 2012

The roof is a key detail. It has been designed as an "intelligent protective membrane that insulates against heat and cold," said Renault. The membrane also recovers energy using photovoltaic cells.

As befitting a car done in tandem with a cosmetics maker, the Zoé Z.E. has an air-conditioning system that keeps the skin of passengers rehydrated.



2011 Audi R18 Sport Car New Generation

Audi launched the latest generation, the 2011 Audi R18 sports car, aimed to continue the string of victories at Le Mans, by designing a new sports car LMP1. Since its debut in 1999, the brand with the Four Rings has won the most important endurance race in the world as much as nine times with the R8, R10 and R15 TDI models.



Therefore, Audi has equaled this feat in the honor roll race with Ferrari. With the new R18, which was presented at the Sportpark Audi in Ingolstadt on the night of Friday, December 10, 2010, Audi aims to tenth success of Le Mans in 2011. With better aerodynamics, become more important for a car with high resilience.

2011 Audi R18 Sport Car New Generation

R18 lamp, which is the first truly composed of LED with optimized amount of light, is a technical highlight. The new generation of light developed in close collaboration between the Audi Sport and Technical Development (TE) division of AUDI AG and by using at Le Mans, will be prepared for use in future production vehicles. light Audi designers have the opportunity to make their mark on the development as well: light from the light of day-shaped form “1” is meant to inspire associations with historic Audi brand logo.

The Audi R18 has been designed for progressive power, the Audi Sport plans for pushing forward step by step.



BIW (Body in White)

Body in white or BIW refers to the stage in automotive design or automobile manufacturing in which a car body's sheet metal components have been welded together — but before moving parts (doors, hoods, and deck lids as well as fenders) the motor, chassis sub-assemblies, or trim (glass, seats, upholstery, electronics, etc.) have been added and before painting.



BIW (Body in White)

The name derives from manufacturing practices before steel unibody or monocoque bodies — when automobile bodies were made by outside firms on a separate chassis with an engine, suspension, and fenders attached. The manufacturers built or purchased wooden bodies (with thin, non-structural metal sheets on the outside) to bolt onto the frame. The bodies were painted white prior to the final color. In car design, the Body in White phase refers to the phase in which the final contours of the car body are worked out, in preparation for ordering of the expensive production stamping die. Extensive computer simulations of crash worthiness, manufacturability, and automotive aerodynamics are required before a clay model from the design studio can be converted into a Body in White ready for production.



BIW (Body in White)

BIW & MOBILE PARTS



TRIMS

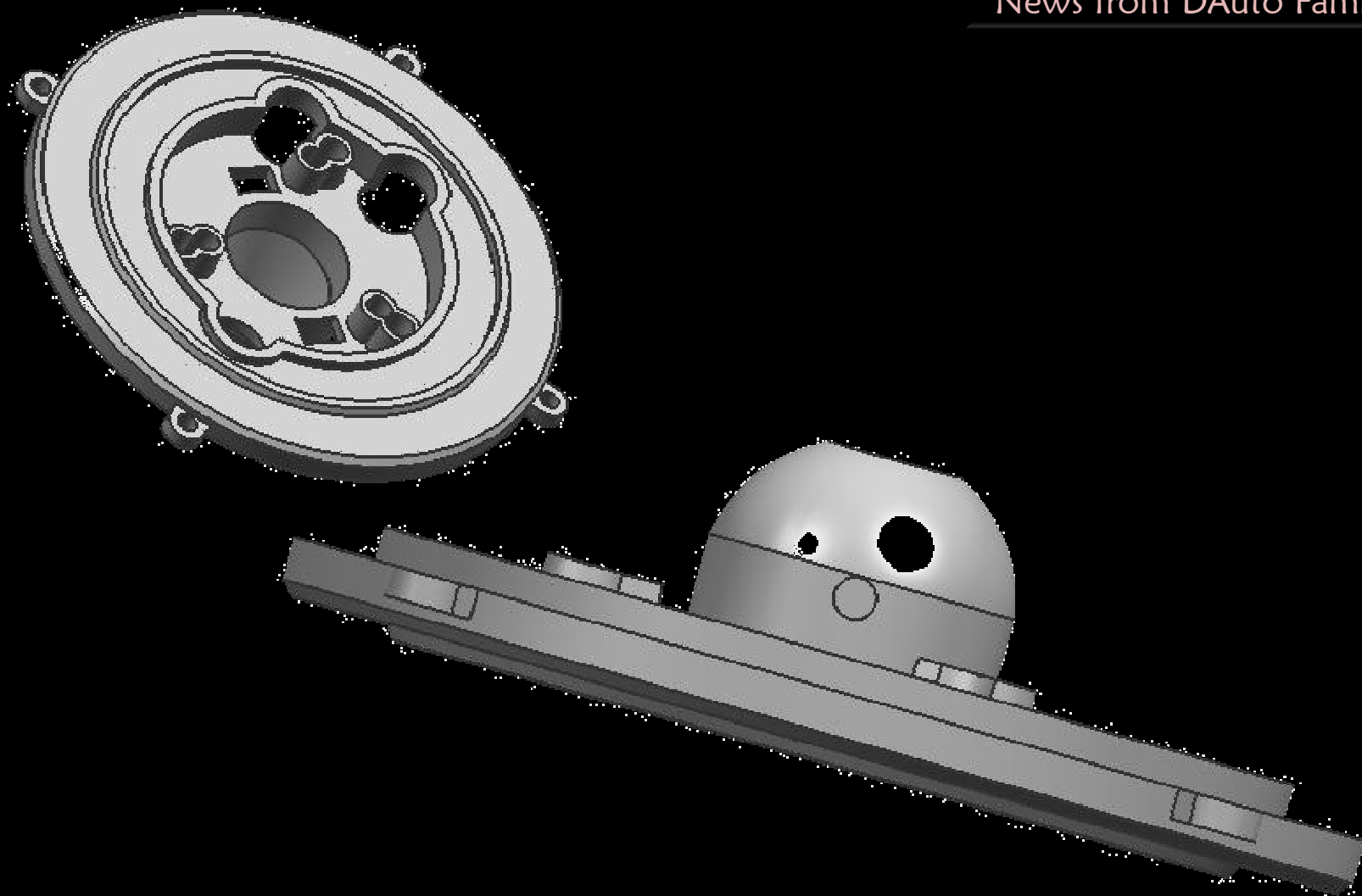


CHASSIS & POWERTRAIN



ELECTRICAL EQUIPMENT





This contrive has been prepared and envisioned by one of the DAuto CAD School student during the period of Software Training on UNIGRAPHICS NX.

Good News : (OPENING AT DAuto)

DAuto Company has openings for the post of design Engineer, preference would be made for DAuto CAD School Students, Eligible candidates may send their Curriculum Vitae at :

careers@dauto.co.in

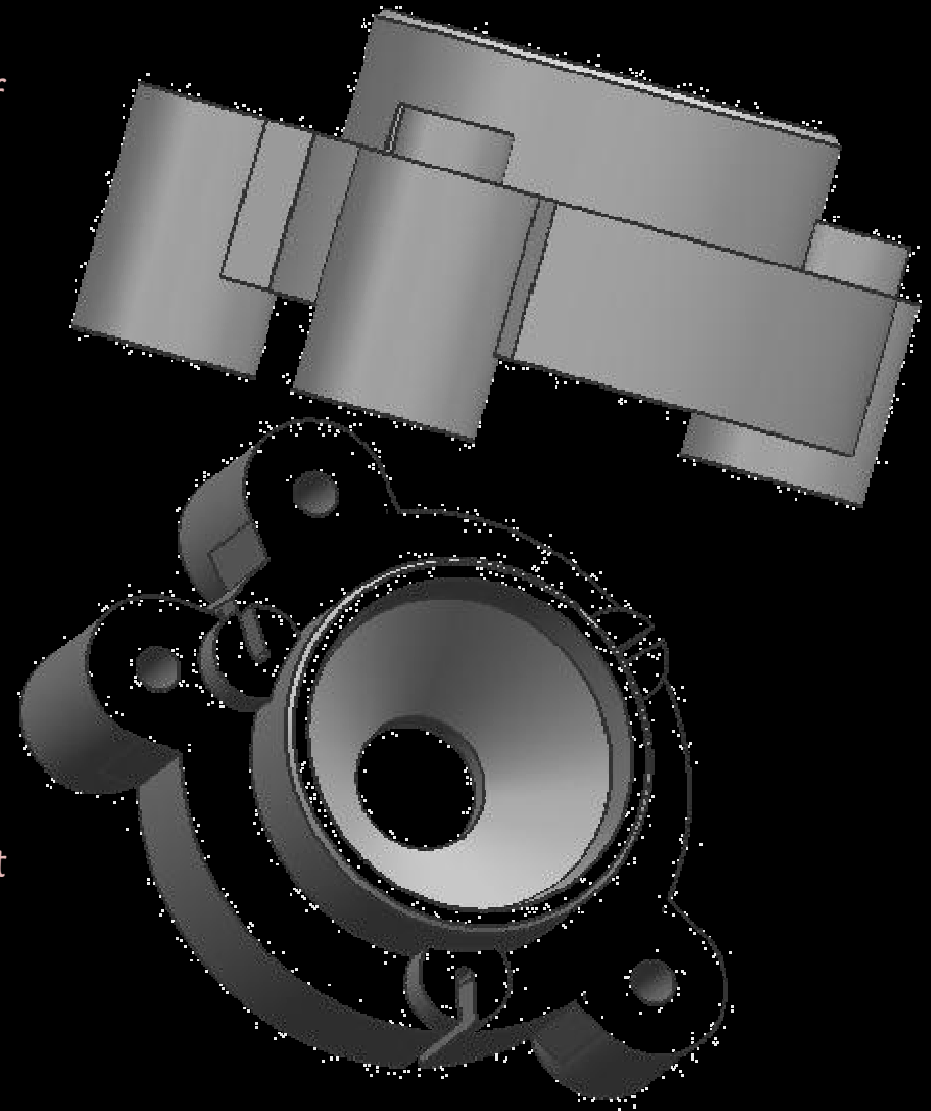
(LIVE PROJECTS WITH STIPEND)

DAuto initiated to provide live projects with stipend, it will be helpful for students in their hands-on experience and future building as well.

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Designed on UNIGRAPHICS NX

Thank You !!