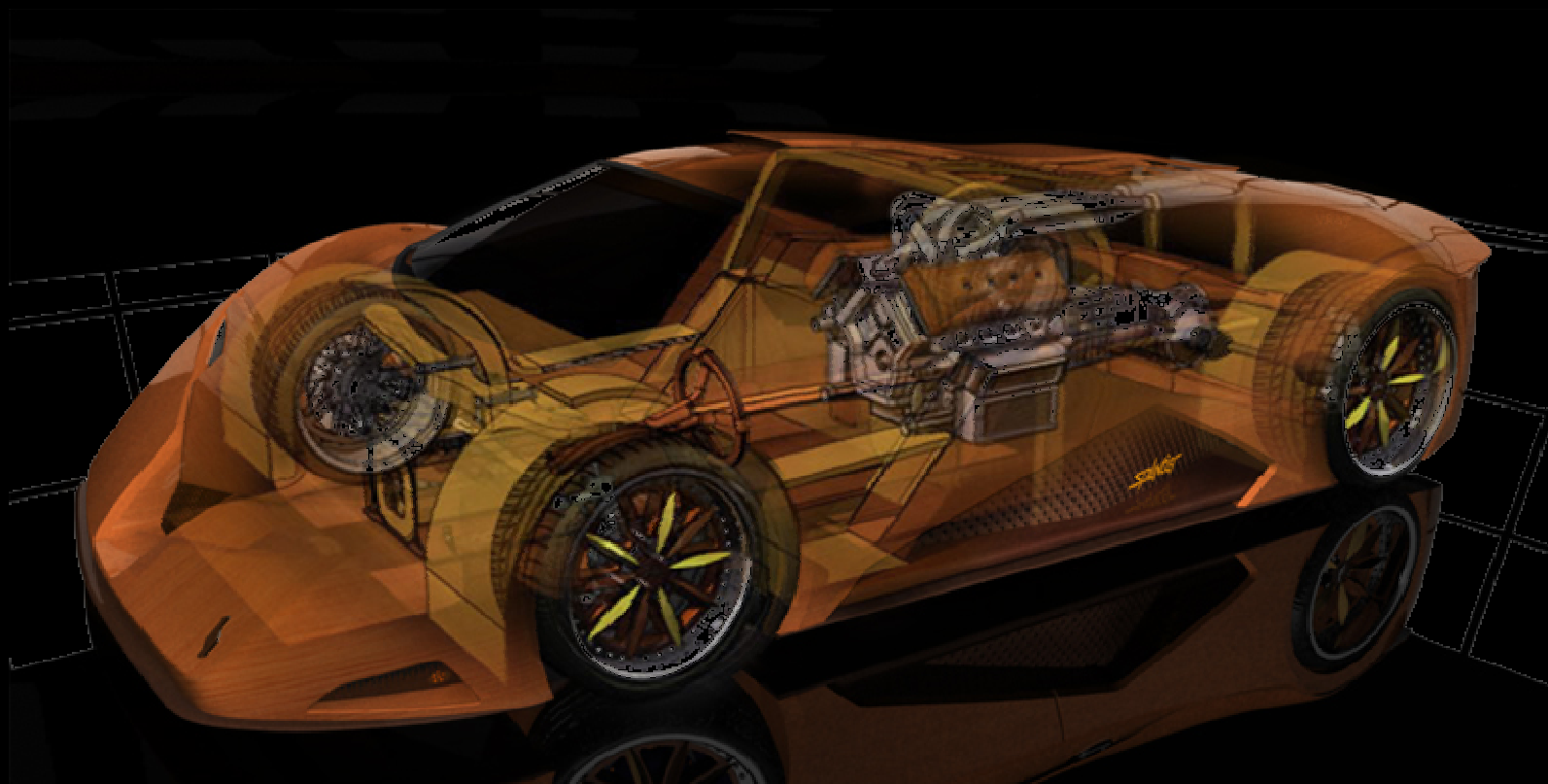


DAuto News Letter

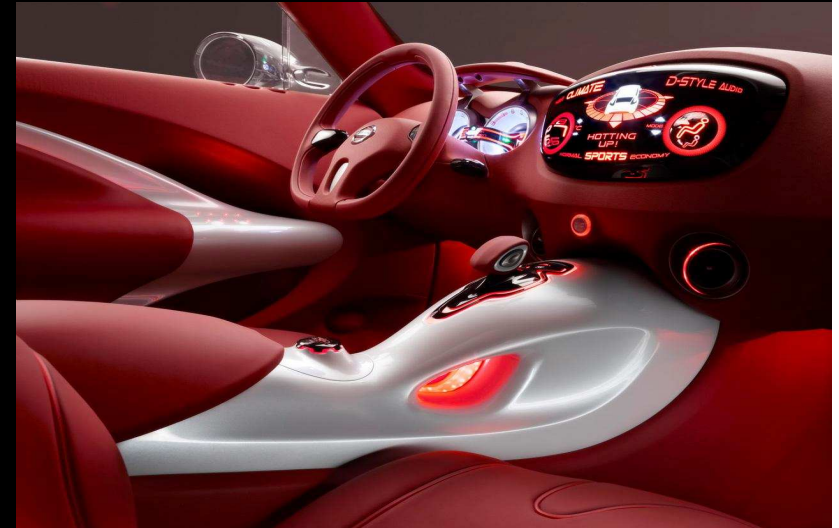


Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

Dimension Automotive Technology

New Qazana concept Introducing technology evolution in automotive design

The Qazana concept is an intelligent, all-wheel drive crossover which is masculine, agile, lean, and designed for the tough city street's. The Qazana is sized for the urban environment but tough enough for the open road and off road use. The concept is 2-door coupe with additional rear hinged half-door to enhance access.



Its all-terrain potential is underlined by the venturi-style skid plate at the rear of the vehicle, Qazana's extended ground clearance and soft rubber which edge the wheel arches and help to disguise the vehicle's long suspension travel.

The interior is defined as the masculine/mechanical with the shape of the centre console and armrest being inspired by the fuel tank and the seat of the sports motorcycle.

Qazana has floating seat centrally mounted over a one piece rubberized floor covering and a dashboard which is dominated by a centrally mounted screen which doubles as a navigation display and can deliver vital information relating to Nissan's next generation

Dimension Automotive Technology



The dashboard is dominated by centrally mounted screen. As well as doubling as a navigation display it will deliver vital information relating to Nissan's next generation fully electronic ALL MODE four-wheel drive with torque vectoring system and other advanced technical processing found on board, including Integrated communication systems.

Using an intuitive touch screen interface the driver will be able to adjust the air-conditioning and other key vehicle settings



Dimension Automotive Technology



Zeta platform

The final wheelbase was settled at 112.3 in 2852mm with 63.7-in 1618-mm front/rear tracks. overall length is 190.4in. the car's front/rear weight balance is 52/48% with both v6 and v8 power trains. Turning circle is 37ft

The engineering team undercut the target curb weight of 3500lb for the base v6 model by 100lb, by specifying an aluminum hood and using high percentages of ultra-high-strength and advanced high-strength steels in the car's sills and bulkheads, and around the suspension towers.

General motor's new technology

GM taps its global architecture and engineering Resources to create a stiff-bodies, fine riding Sporty coupe by introducing new Chevrolet Camaro Characterized by Zeta platform flexibility.

To reprise Camaro helped to have veteran engineers At the helm who deeply understood the car's competitive space.



Sporty coupe

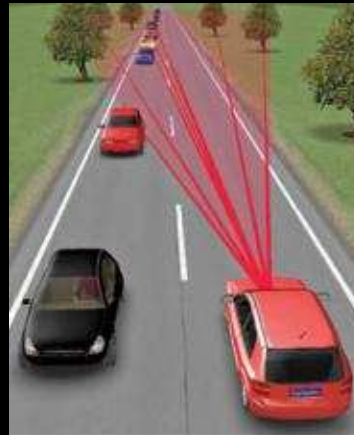
Dimension Automotive Technology

Technology convention-2009



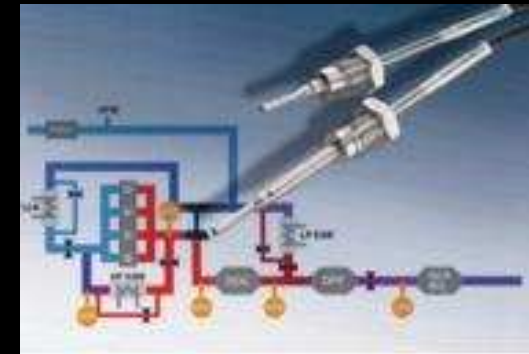
Vibration level detection

ACE Controls 'V-sensor detects Damaging unit vibration levels in the automation process. V-sensors are connected to devices such as linear modules, rotary actuators, and grippers. In addition, these units can signal when an industrial shock absorber is nearing the end of its life cycle, therefore preventing expensive repair, maintenance, and downtime available in PNP, NPN



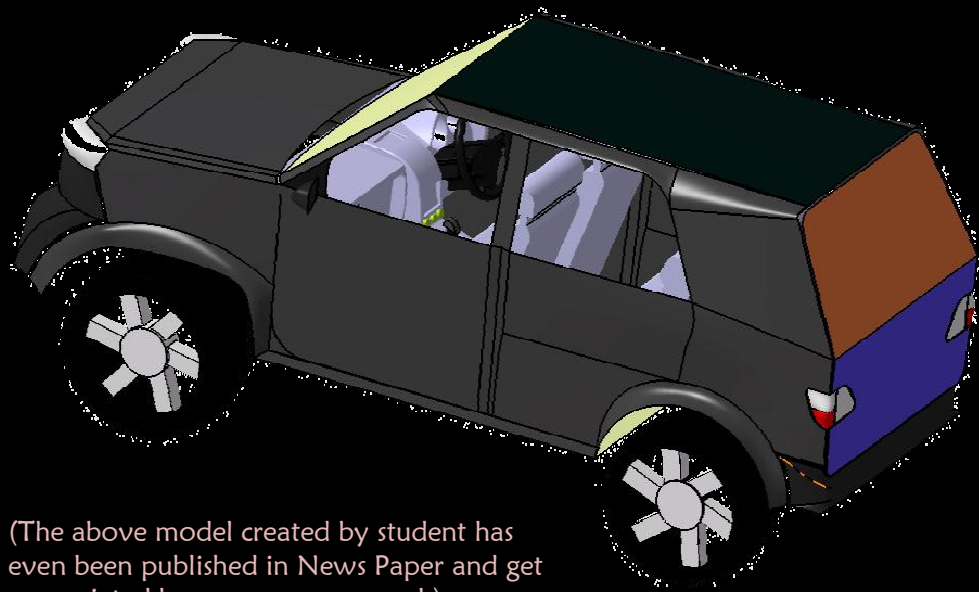
Vehicle dynamics software

Car Sim 8.0 vehicle dynamics software from Mechanical simulation accommodates the increasing sophistication of both its users and automotive design simulation. The latest version of the software provides additional features and support for advanced users while providing easy training for those who do not use the software frequently.



High –temperature sensor

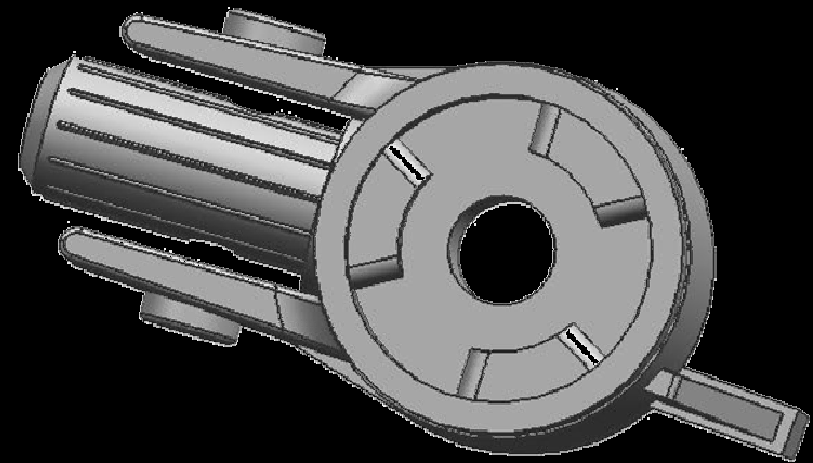
Beru's high-temperature sensor (HTS) is accurate, fast, and offers long term stability. The device is suitable for monitoring turbochargers, exhaust gas recirculation systems, diesel particles filters, and DeNOx catalytic converter with a measure range of -40 to +950°C. The HTS offers a standard characteristic line in accordance with DIN IEC 751, plug-and-play capability and long service life. It features high resistance to exhaust gas thanks to careful materials selections and special design.



(The above model created by student has even been published in News Paper and get appreciated by many guys around.)

One of the student of our training cell has created the design of 3-D Jeep model with some technical features on it.

Both the images are the output of student design.



DAuto CAD School is a training division of Dimension Automotive Technology .

Students are creating design of products with own idea's and support from our engineering team. They are getting appreciated for the outcome of their hard work.

Thank You ! !

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