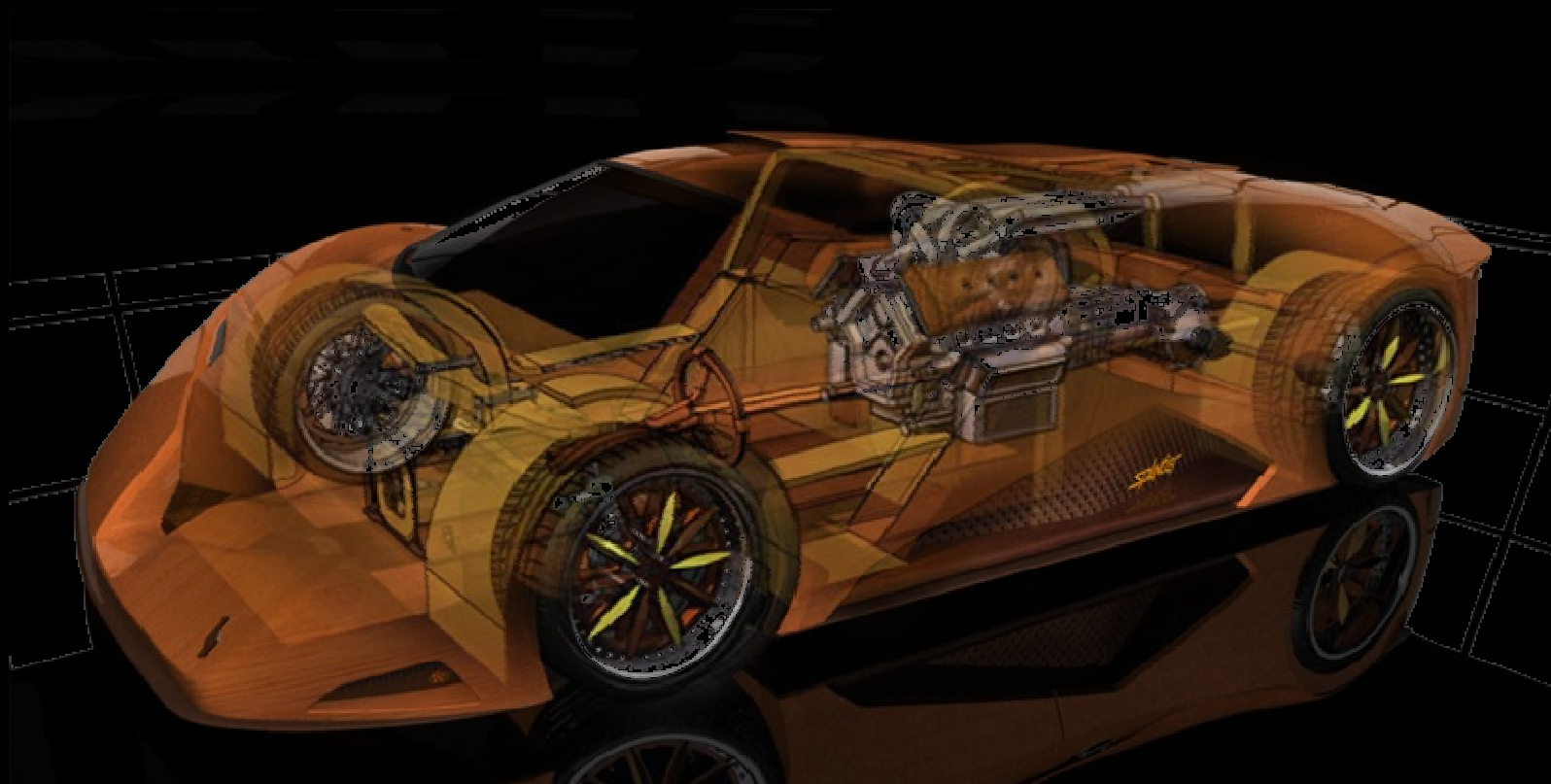


DAuto News Letter



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

2011 Hyundai Equus



The 2011 Hyundai Equus will be competing with the best of luxury cars worldwide including the BMW 7 Series, Mercedes-Benz S-Class, Audi A8 and Lexus LS460. Under the hood of the Hyundai Equus is a 4.6-liter V8 capable of turning out 385 horsepower. There is also a rumor that Hyundai will be replacing the 4.6-liter V8 in the Equus with a more capable 5.0-liter V8.

The Hyundai Equus brings to life quite a handful of firsts by Hyundai. One being that the Equus is Hyundai's flagship rear-wheel-driven sedan. Another new feature on-board the Equus is the Vehicle Stability Management (VSM) system, which governs ESC, smart cruise control, the collision warning sensor, the electronic parking brake and the seat-belt tension system for optimal safety. Sensors are attached to the seat-belt tension which detect critical driving situations and retract the seat-belts accordingly to prevent passenger movement.



2011 Hyundai Equus



Besides safety features, the Hyundai Equus will also debut over rear side-window sunshades, a heated steering wheel, power trunk lid, dual power, heated and cooled front seats, rain-repelling front side windows, a thermoelectric rear console refrigerator, 60/40 split power reclining rear seats and electronically-controlled Air Suspension with dual-mode Continuous Damping Control.

Plans for launch in India : Given the success of the Hyundai Equus worldwide, Hyundai may well be planning on launching the Equus in India. The Hyundai Equus has been priced at \$55,000 internationally, which in Indian currency is somewhere around Rs. 28 lakh. However the probability of Hyundai launching the Equus at this price is low, as Hyundai , when it launches the Equus, will be importing it as a CBU and not manufacture it here locally. Considering the facts, we are expecting a 2012-end or early-2013 launch for the Hyundai Equus in India at an expected price of Rs. 40-45 lakh.



2012 Pagani Huayra Sport racing car



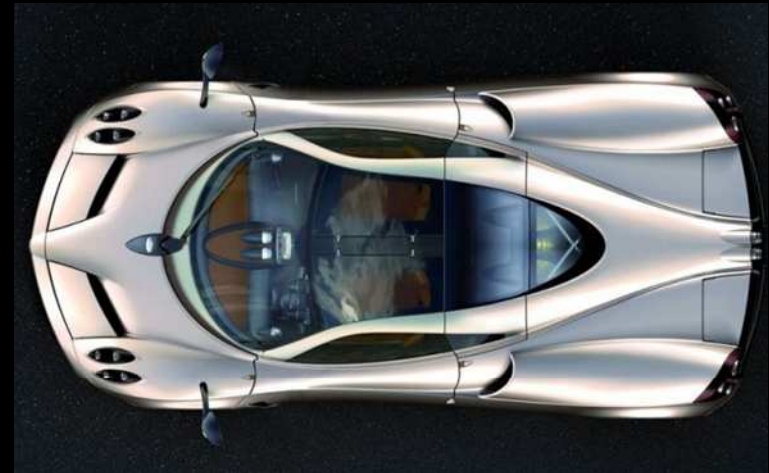
the new Pagani Huayra sports car built by AMG technology system, which has a Multi-Function Display center displays information relevant performance when SPORT mode of travel when moving and computer comfort mode is activated. with aluminum console is a machine from a solid block of aluminum and features a clarinet style array of mechanical switches to control HVAC systems. High-definition Touchscreen center is the heart of the vehicle infotainment system, control the audio functions, navigation satellite, secondary vehicle functions and Bluetooth phone.

The new center is a freestanding Huayra Pagani is a completely new design of titanium carbon. However, Gull wing doors deep cut in the roof, most research has focused on achieving the highest rigidity in the application of new advanced composite materials and technologies tested in fuel tank Zonda R. is located in the safest area of standing behind the driver, confirm the safety of the basket of different composite materials and ballistics. Front and rear subframe stiffness CrMo offer exceptional weight ratio allows for the suspension work better when you include advanced energy-absorbing crash structure, ready to protect passengers in a collision is likely.



Technical Specifications

- * Engine: Mercedes-AMG M158 V12 twin-Turbo
- * Displacement: 5980 cc
- * Power: >700 CV
- * Torque: >1.000 Nm
- * Gearbox: transverse sequential seven speed gearbox; AMT robotized system with driving programs
- * Dimensions
 - o Length: 4605mm
 - o Height: 1169mm
 - o Body width: 2036mm
 - o Body width (with mirrors): 2356mm
- * Dry weight: 1.350 kg
- * Weight distribution
 - o Front: 44%
 - o Rear: 56%



2012 Hyundai Veloster Coupe 3-door



The Hyundai Veloster coupe three-door model has a unique design with high performance. gamma technology 1.6-liter engine four-cylinder engine is the smallest Hyundai engine to use Gasoline Direct Injection (GDI). GDI technology helps deliver estimated highway fuel economy of up to 40 mpg, lower emissions and higher reliability. Hyundai's dynamic design of the rear glass hatch Veloster has been typical, centered chrome dual exhaust tips and a lower fascia that complements the black front fascia firmly.

Through the use of GDI, the Gamma 1.6-liter engine delivers an estimated peak output of 138 horsepower at 6,300 rpm and maximum torque of 123 lb.-ft. at 4,850 rpm. But GDI is only part of the story as the new Gamma also features Dual Continuously Variable Valve Timing, an electronic throttle control, a roller timing chain, variable induction and innovative anti-friction coatings such as CrN Physical Vapor Deposition (PVD) coating and Diamond Like Carbon (DLC) coating.

2012 Hyundai Veloster Coupe 3-door

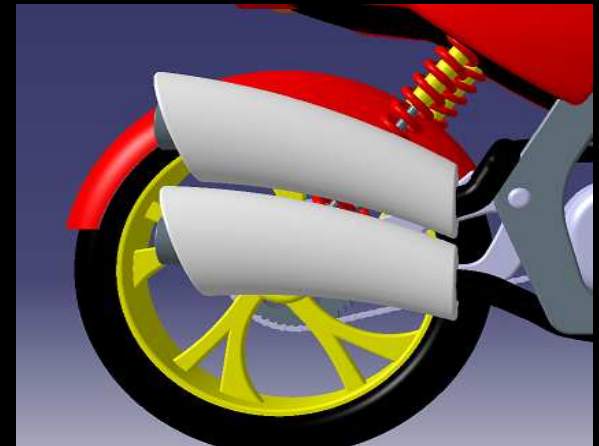
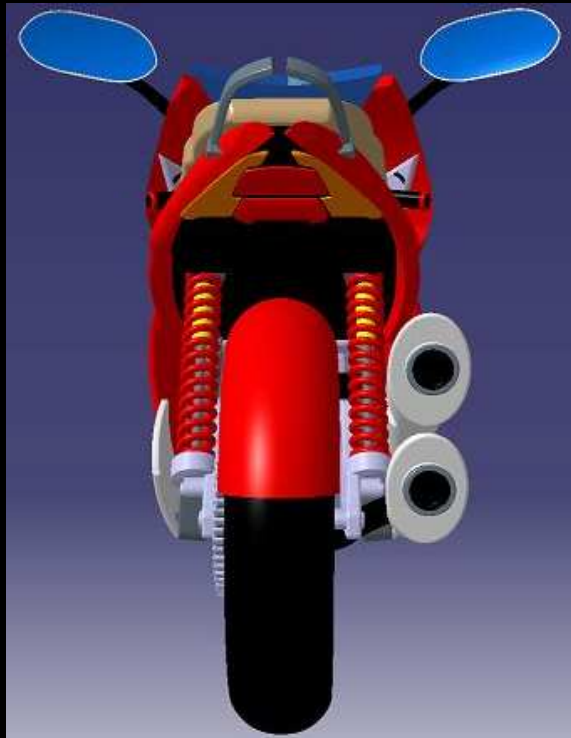
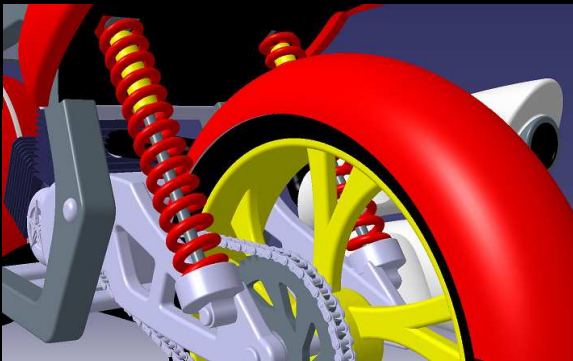
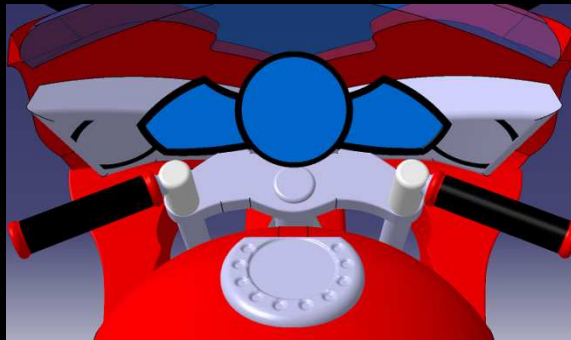


Six-Speed Dual-Clutch Transmission

Hyundai's commitment to making the Gamma engine extremely fuel efficient continues by pairing it with a standard six-speed manual transmission or an all-new, six-speed dual-clutch transmission (DCT) developed by Hyundai.

Hyundai's new DCT takes the benefits of a manual transmission, including low fuel consumption and sporty driving, and blends them with automatic transmission benefits, such as high comfort levels and smooth shift quality. In addition, the DCT enables direct connection for high efficiency and uninterrupted torque transfer during shifts. Automatic transmissions lose power and fuel economy in the torque converter.

This powertrain also has an Active Eco mode which modifies engine and transmission control for improved fuel economy that translates into more than a seven percent improvement in real-world fuel economy.



This contrive has been prepared and envisioned by one of the Dauto CAD School student during the period of Software Training on CATIA V5.

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

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9981500100



Design by Mr. Manas Ranjan Naik
on CATIA V5.

Thank You !!