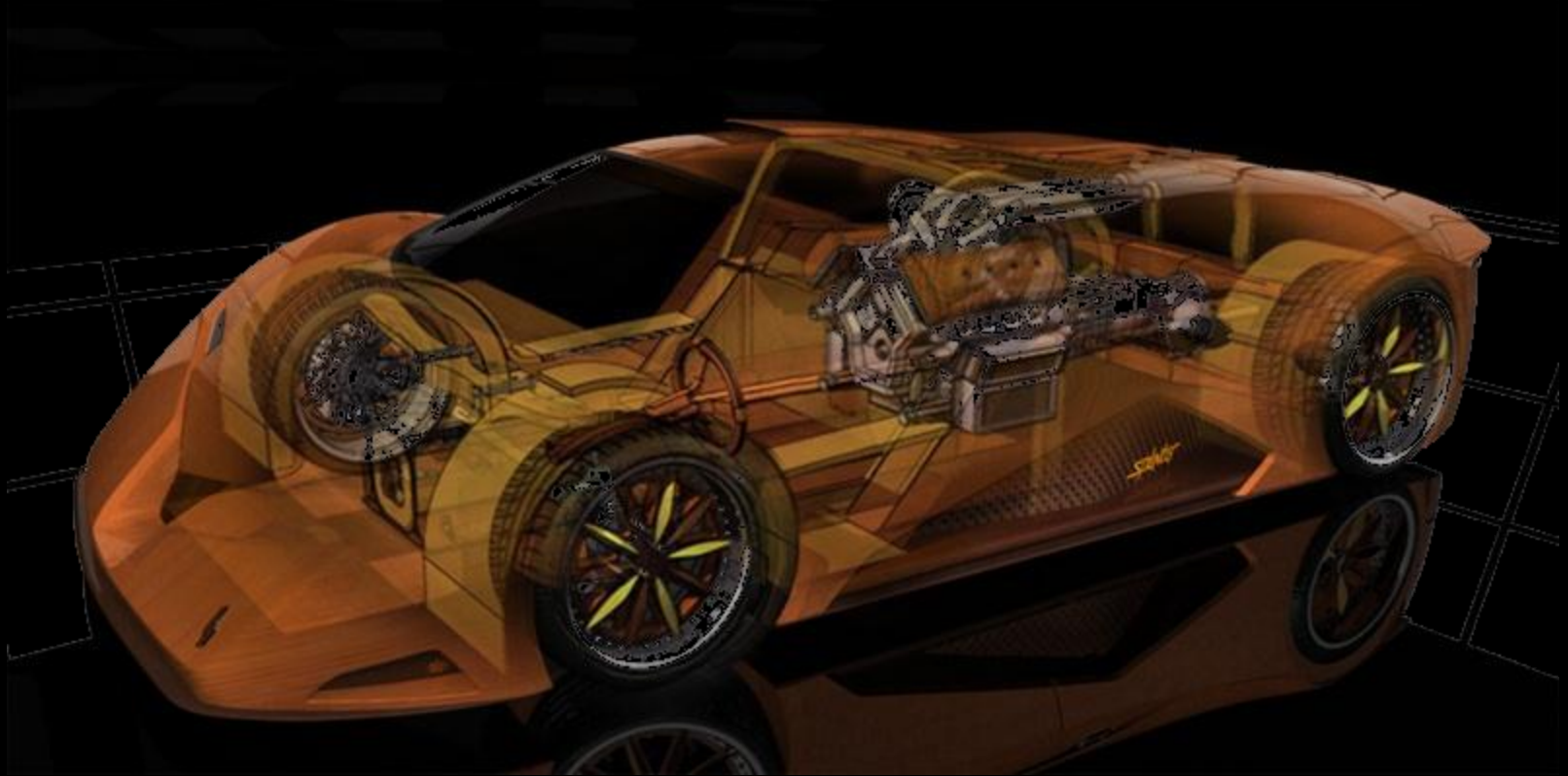


July 2012 Edition

# DAuto News Letter



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

# Mercedes Benz CLS Shooting Brake



Mercedes-Benz has presented the CLS Shooting Brake, a new body variant of the CLS coupe model, featuring five seats and a large tailgate.

## Technical Specifications :-

The body features frameless, all-aluminum doors made from deep-drawn aluminum panels with extruded sections, and in comparison with conventional steel doors, are about 24 kilograms lighter.

Also made of aluminum are the tailgate, hood, front wings, various support profiles and substantial parts of the suspension and engines. With a frontal area of 2.30 m<sup>2</sup> and a Cd value of 0.29, the drag area is 0.67 m<sup>2</sup>. The CLS Shooting Brake will be available with four different engine variants – two diesel engines and two petrol engines, all coupled with the 7G-TRONIC PLUS automatic transmission and the ECO start/stop function.

The entry-level mode is the CLS 250 CDI Blue EFFICIENCY, while the top-of-the-range model is the CLS 500 Blue EFFICIENCY with a V8 biturbo engine producing 300 kW (408 hp).

# Mahindra Rexton



Mahindra & Mahindra (M&M) unveiled Rexton, from the stables of its subsidiary SsangYong . The Rexton, is likely to hit showrooms in the next six months.

## Technical Specifications:-

The Rexton is an off-roader that comes with a 2.7-litre direct-injected diesel engine which develops 184 PS of power and 402 Nm of torque.

The seven-seater SUV will be loaded with safety features like Tyre Pressure Monitoring System, Enhanced Parking Brake Technology, Forward Collision Warning and Avoidance System, ABS with EBD, ESP and SRS airbags as standard equipment.



## BMW – 1 Series

The 1-series is BMW's contender in the premium small car market. Now in this new avatar, the 1 has grown both in length and width.



### Technical Specifications:-

A host of variants are being offered, with the 1-series starting with the 116i powered by a 1.6-litre petrol offering 136bhp. The 118i on the other hand features a 170bhp motor which does 0-100kmph in 7.4 seconds. The diesels meanwhile are the 118d with 143bhp on tap and the more powerful 2-litre version which develops 184bhp.



# Bajaj RE60



The RE60 was designed to make people who use a 3-wheeler climb up the ladder to a bigger and safer vehicle. On the same lines, it will be sold heavily in countries like Bangladesh where people use Bajaj 3-wheelers for personal use.

## Technical Specifications :-

The Bajaj RE60 makes use of a small single cylinder 200cc engine that will put out around 20 horses, enough to propel this 400kg car to decent speeds - top speed, the company says, is limited to just 70km/h for safety. The engine uses most of the technologies that current Bajaj bikes use - for example, twin spark plugs. Bajaj also says that in real world usage, the RE60 should return around 30kmpl or so. The Bajaj RE60 is modern India's answer to safe, convenient and economical commercial transport on the road. And to begin with, the idea will be to replace 3-wheelers which are less safe, less comfortable and less on performance too.



# Toyota Fortuner Facelift



The formidable Toyota Fortuner has undergone a cosmetic upgrade for the better. The Toyota Fortuner made a grand debut on the Indian automotive scene and has been an instant success.



## Technical Specifications :-

The exterior silhouette remains largely the same however major changes include the Land Cruiser inspired HID front lights and large chrome grille, a wider bonnet scoop, and at the rear there is an extra dash of chrome which is flanked by the clear glass rear lights. there has been absolutely no change to the 3.0 litre D-4D engine under the hood, Toyota has ushered in two new variants, namely a 4x2 manual and an automatic version.



# Ford Ecosport



Ford Motor Co launched the Ecosport, its new global compact sports utility vehicle, and said it will invest \$142 million in the company's Chennai plant in south India to manufacture the model for the domestic and export markets.

## Technical Specifications :-

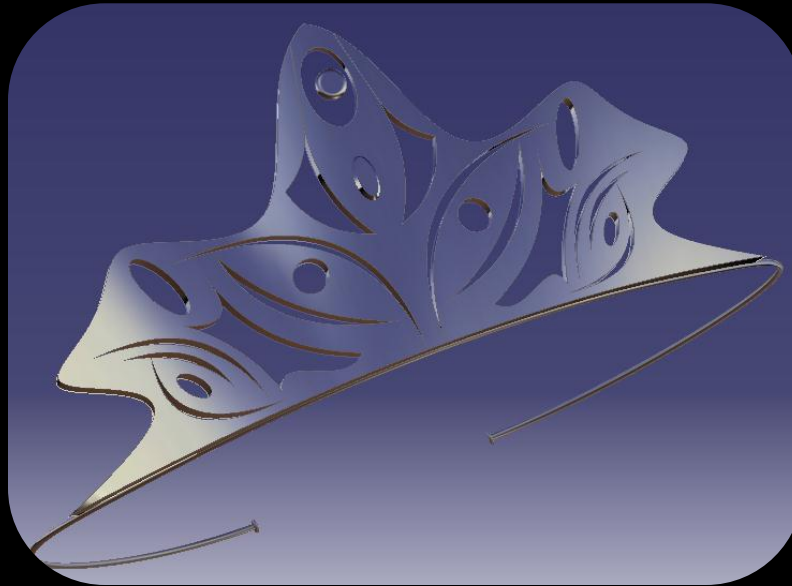
Ford will sport an all-new 1-litre Ecoboost petrol engine that can deliver 120 PS of power and 170 NM of torque.

Ecosport is the second of eight new global models that Ford intends to roll out in India over 3-5 years. Ford targets Asian and African markets to increase its annual global sales to 8 million vehicles by 2015.





## Student's Corner



This contrive has been prepared and envisioned by a student, Yogesh Kumar, of the DAuto CAD School during the period of Software Training on CATIA V5



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This contrive has been prepared and envisioned by a student, Chaitnya Lenjwar, of the DAuto CAD School during the period of Software Training on CATIA V5

## News from DAuto Family

## Demo Class On Courseware:

Grab the opportunity to get your seat reserved for demo class, that too free of cost.

Those who have chosen BE as your career or those who are planning for, may contact.

Also special visit of professional is available to get acquaintance.

## Special Class On Design & Development:

Mr. Vikas Pandey , who have a decade experience in the field of research, design & development of Automotive, will facilitate the attendees regarding opportunity in the same at Dauto CAD school. For assistance contact us at below furnished details:

9752006008/9981500100

E-Mail us at : [training@dauto.co.in](mailto:training@dauto.co.in)



Designed on CATIA V5

Thank You !!

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