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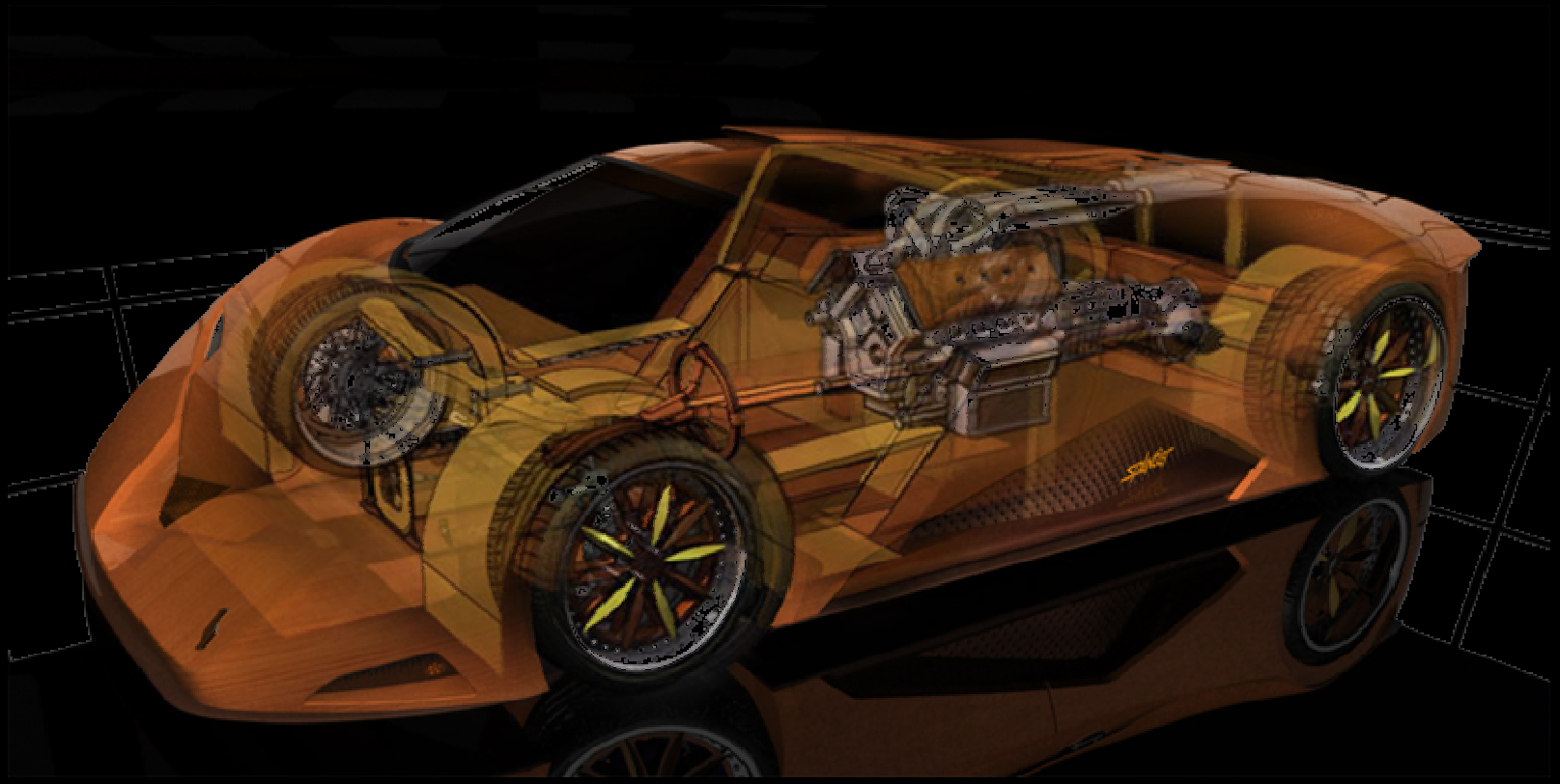
DAuto News Letter



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

Ferrari GTO 599 (2011)

The new 599 GTO – The fastest ever road-going Ferrari will be unveiled

599 GTO, an extreme V12 berlinetta developed to a specific performance-oriented brief. The 599 GTO is, in fact, the company's fastest ever road car. It is an exclusive limited edition special which, in true Ferrari tradition, is a completely new concept, albeit inspired by a production car. In fact the 599 GTO is based on the 599XX, the advanced experimental track car, and can be considered almost a road-going version.

The 599 GTO is reserved for just 599 clients who seek the maximum expression of high-performance driving. The 599 GTO benefits directly from the technological transfer from racing and set a record lap time at Fiorano in 1'24".
The Fiorano lap time provides just one indication of the potential of this car. Just as significant are the technical specifications – 670 hp in a 1495kg car represents a weight-to-power ratio of just 2.23 kg/hp, and ensures a 0-100 km/h acceleration time of just 3.35" as well as a top speed of over 335 km/h.

The 599 GTO's Engine is directly derived from the 599XX unit implementing, however, the necessary modifications for road-going homologation. It thus complies with Euro 5 and LEV 2 standards. The 5999 cc 65-degree V12 engine punches out 670 CV at 8250 rpm with maximum torque of 620 Nm at 6500 rpm and there is a smooth, constant rush of power all the way to the redline with no loss of flexibility even at medium and low revs One of the most significant innovations on the 599 GTO is the close correlation between the chassis set-up, which is close to the handling limit, and the input from the electronic controls which are developed to increase overall levels of performance.

599 GTO technical specifications

ENGINE

Type: V12 – 65°
Bore & stroke : 92 x 75.2 mm (3.62 x 2.96 in)
Unitary displacement: 499.9 cc (30.51 cu in)
Total displacement: 5999 cc (366.08 cu in)
Compression ratio: 11.2:1
Maximum power: 500 kW (670 CV) at 8250 rpm
Maximum torque : 620 Nm (457 lbs/ft) at 6500 rpm

GEARBOX

F1 6–speed + reverse

SUSPENSION

SCM2 – Magneto rheological Suspension Control
Front: 285/30 ZR20"
Rear: 315/35 ZR20"

CARBON-CERAMIC BRAKES

Front: 398 x 38 mm (15.7 x 1.5 in)
Rear: 360 x 32 mm (14.2 x 1.3 in)

BMW X5 2011

The 2011 X5 is the latest iteration of BMW's go almost anywhere, do almost anything, people-hauling SUV. There's room for five to travel comfortably and ample space in the cargo hold for stowing groceries, sporting equipment or anything else modern motorists would have reason to schlep around with.

Design wise, the 2011 X5 gets some inspiration from the new BMW X5 M with larger intakes , short front and rear body overhangs. On the front, BMW added a distinct contoured hood, a large BMW kidney grille and dual round headlights. The new rear apron and dual exhaust pipes also add an aggressive touch to the 2011 X5.

The body design of the 2011 BMW X5 is characterized by well-balanced proportions that accentuate the vehicle's powerful presence and agility. A long wheelbase, short front and rear body overhangs, and large light-alloy wheels provide a visual balance between the front and rear of the vehicle. Square-shaped, carefully flared wheel arches hint at the X5's all-wheel drive traction and other-roads capability. The body lines sweep upwards from the front and rear wheels, communicating BMW's near-perfect 50-50 front-rear weight distribution which is so essential to the X5's legendary driving dynamic.

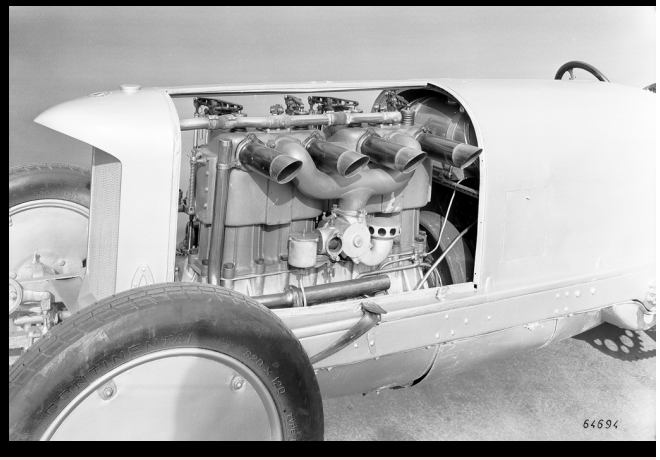
The new BMW X5 xDrive50i takes its place as the flagship of the X5 family, yielding 400 horsepower at 5,500 rpm and 450 lb-ft of torque at 1,750 – 4,500 rpm from its twin-turbocharged 4.4 liter V-8 engine. Introduced in the BMW X6 in Spring of 2008, this all-aluminum V-8 features High Precision direct fuel injection, "reverse-flow" architecture for revolutionary responsiveness and packaging, and BMW' s VANOS variable valve timing technology. Together, these features create what may be the perfect balance between high fuel efficiency, low emissions, and the dominant, dynamic performance expected of a BMW V-8. The 0-60 mph sprint is accomplished in 5.3 seconds (preliminary). EPA fuel efficiency figures for the X5 xDrive50i will be available closer to the on sale date.

Mercedes Shooting Break concept

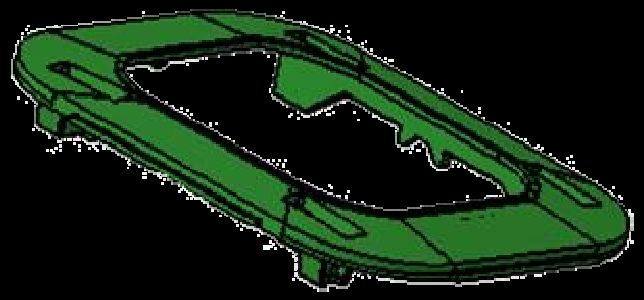
Mercedes is poised to unveil the Shooting Break concept at Auto China 2010; the precursor to the next generation CLS. The vision of Mercedes' design team, the Shooting Break "points the way towards the future design idiom of Mercedes-Benz", according to chief designer Gordon Wagener.The exterior design of the new concept car features distinct coupe-like proportions clearly reminiscent of the 2004 CLS, but it is longer (4960mm), wider (1950mm) and taller (1444mm). The design of the front is entirely new, employing elements first seen on the SLS AMG, such as the 'soft nose' grille. In profile, the high beltline sweeps towards the rear and is joined by a character line that is supported by powerful rear wheel arches.

A strong shoulder accentuates the narrow DLO and further reinforces the dynamic design. Inside, the four-seat concept is swathed in leather and natural wood, typical materials that convey luxury. The large full-length center console, tiered IP, door furniture and luggage compartment all incorporate the natural materials — oak was chosen by the design team for its unusual lens-shaped texture while contrast-colored leather and aluminum highlight the high levels of detail

Shooting Break



Good News for DAuto CAD School Students



This part "Mounting plate "is
designed
by the student DAuto CAD School

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Dear Student Dauto is providing industrial training to student and also helping in students Major and minor projects

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