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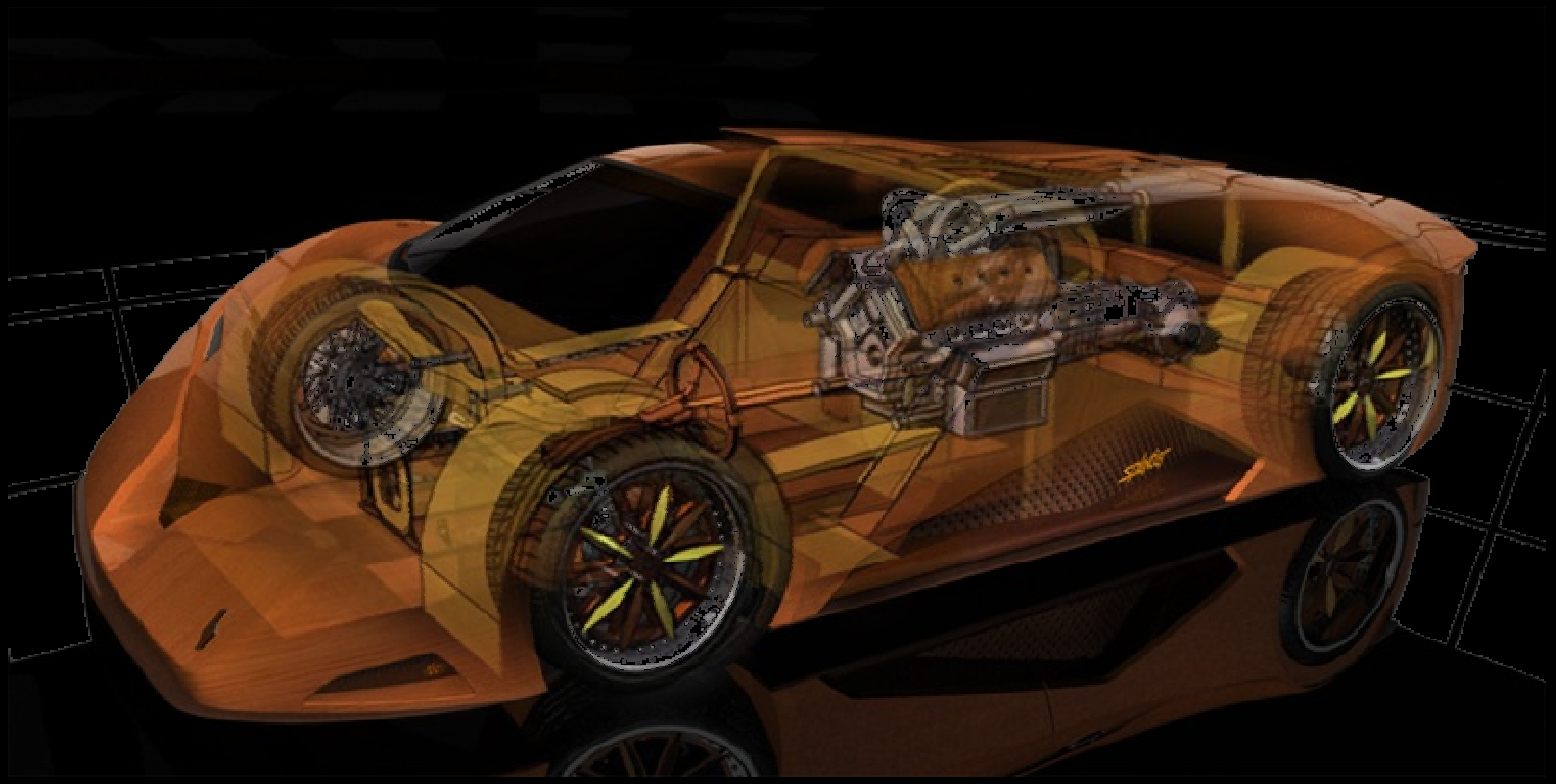
DAuto News Letter



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

Alfa Romeo Giulietta (2010)

The **Alfa Romeo Giulietta**, previously known as **Alfa Romeo 149** or **Milano** is the replacement for the Alfa Romeo 147. Giulietta production started towards the end of 2009 and was introduced at the March 2010 Geneva Motor Show. In a viability plan forwarded to the US Government in February 2009, Chrysler (a partner of Alfa Romeo parent company Fiat) reported that the 147 replacement would come to market as the Milano and that it could be built in the USA. However, this name was recently dismissed following Fiat's decision to move Alfa Romeo's Centro Stile to Turin from Milan - the management wanted to soften the focus on this episode that actually closes the glorious partnership between Alfa Romeo and the city of Milan.

Safety and driving adds

The Giulietta is being designed with a target of a 5-star Euro CAP safety rating. The car will have also many electronic devices as standard: VDC (Vehicle Dynamic Control) electronic stability control, DST (Dynamic Steering Torque), Q2 electronic differential and Alfa Romeo DNA selector which allows driver to choose between three different driving settings; Dynamic, Normal and All-Weather, this setting controls the behavior of engine, brakes, steering, suspension and gearbox

DAuto Group (Dimension Automotive Technology) has designed some components of this car

Technical specifications

The platform used is Fiat Group C modified as "C-Evo", called also as "Compact". Practically this is all new platform. Fiat Group used around 100 million euros to re-engineer the C platform, previously used for the Fiat Stilo, Fiat Bravo and Lancia Delta, into C-Evo,it has a longer wheelbase, shorter overhangs and an advanced new type of McPherson strut front suspension and multilink rear suspension. The length of the Giulietta is supposed to be around 4.3 meters, which is similar to the old Alfa 156. Only a five-door body will be available for sale.

Manufacturer	Alfa Romeo
Production	2010–
Assembly	Cassino – Piedimonte S. Germano, Italy[1]
Predecessor	Alfa Romeo 147
Class	Small family car
Body style(s)	5-door hatchback
Layout	FF layout
Platform	Fiat Group "C-EVO" also called as "Compact"[2]
Engine(s)	•**Petrol:** 1.4 I4 Turbo •1.4 I4 Turbo Multiair •1.75L I4 Turbo •**Diesel:** 1.6 I4 *JTDM* •2.0 I4 *JTDM*
Transmission(s)	6-speed manual 6-speed Dual Dry Clutch Transmission *FPT C635*
Wheelbase	263 cm (104 in)
Length	435 cm (171 in)
Width	180 cm (71 in)
Height	143 cm (56 in)
Designer	Centro Stile Alfa Romeo

Ferrari F450

Ferrari has been working steadily on the **Ferrari F450** production car, the successor to the F430, their best selling mid-engine V8 supercar to date. So far they have been on a roll. The F355, 360 Modena and the current F430 have all been widely touted and very successful for the car manufacturer

But, Ferrari is known to offer some of the best power per displacement ratios; therefore they are expected to produce 500 or more bhp, by only increasing the displacement to 4.5 liters. The rest of the power gain will be due to an increased maximum rev limit, of up to 10,000 rpm, improved air flowing and cooling

Now, the Company is set to release the production version of the **Ferrari F450** sometime next year. The name comes from the fact that the displacement will be bumped up to 4.5 liters. Look for engine output to be somewhere north of 500 bhp with a max rev limit around 10,000 rpm. As evidence by the progression over the last 15 years with this class of mid-engine V8 coupes, Ferrari may well take things up a notch once again. I wouldn't be surprised to see the Ferrari F450 best the Lamborghini Gallardo (5.0-liter V10 engine) at launch. After all, Ferrari is known for really squeezing out tremendous power from smaller displacements.

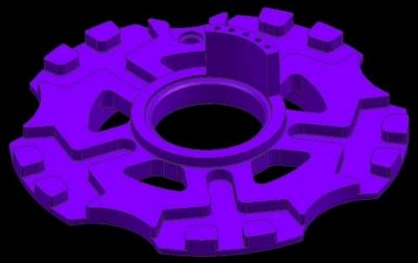
Other notable features of the upcoming **Ferrari F450** possibly include the seven-speed double clutch transmission from the California as well as KERS (kinetic energy recovery system) currently being introduced in Formula One racing (a process which transforms energy saved from braking into extra power).

Future Mercedes 2040

This time it really paid off. I found this really cool concept Mercedes that is hopefully due in 2040 sometime. The car is, of course, probably never to be created or even conceptualized in a working life size model but the idea of it is

Travolution from Audi

Audi is working on a device they call the "travolution", which is something I wish I had the money to afford. Apparently, the Travolution device lets you know how long it will be until a stoplight turns. For instance, if you are speeding towards a light and you're afraid it's going to turn red, the Travolution device lets you know how long it will be until the light turns, and whether you can keep speeding. Also, if you've been sitting at a light for an interminable time and you're starting to blow your fuse, the certainty of knowing how long you must maintain your patience is important (at least it would be for me).



These parts are designed by the students of DAuto Cad school When they were working on their live projects

Ferrai 450 and **Alfa Romeo Giulietta**
(Shown in)Parts are designed by DAuto Group
(Dimension Automotive Technology)
If want to see real parts and CAD data
Of those parts you can visit DAuto

DAuto Cad School has started
Major and minor projects and
Industrial training for engineering
students,

Thank You ! !