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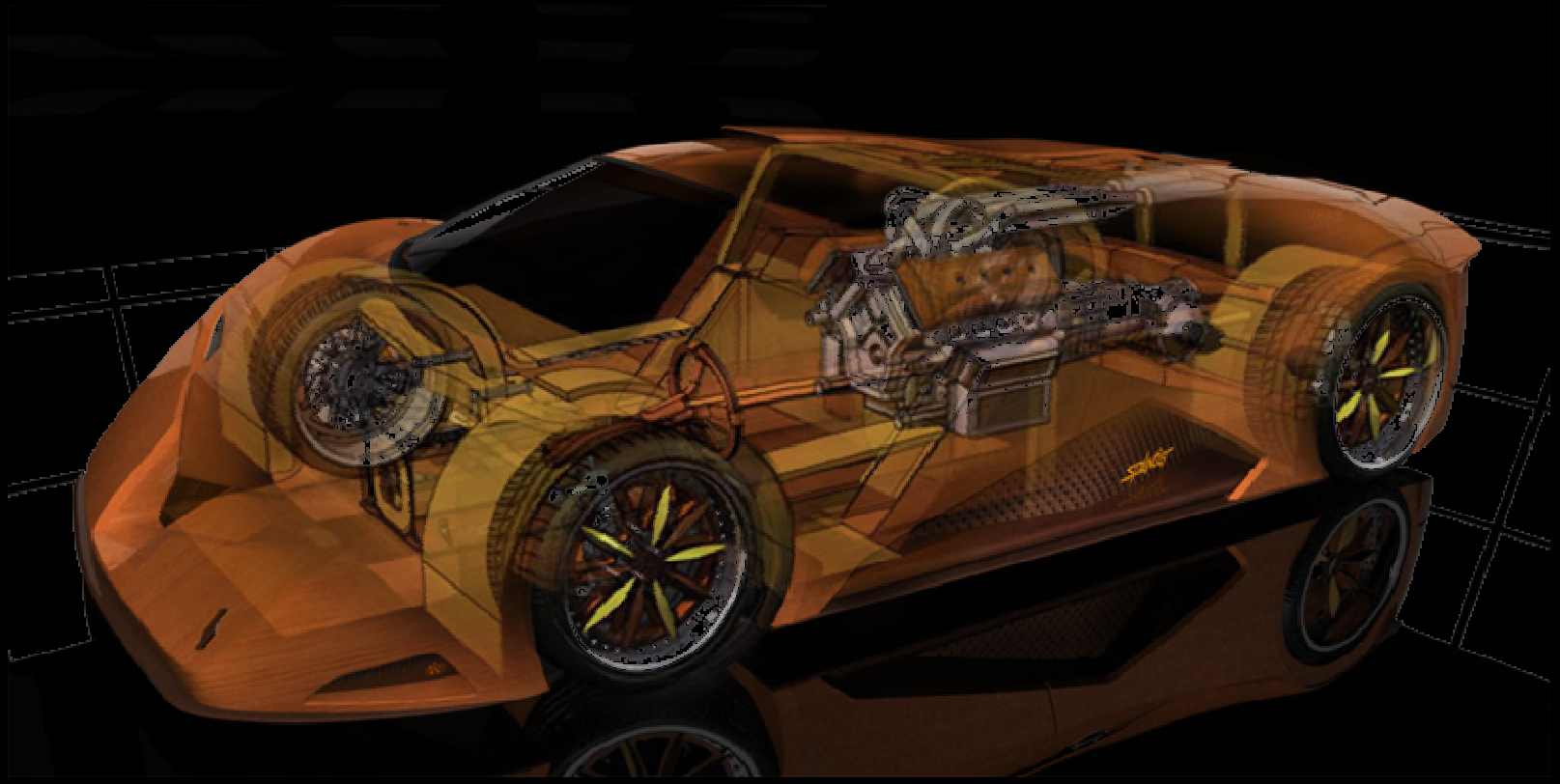
DAuto News Letter



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

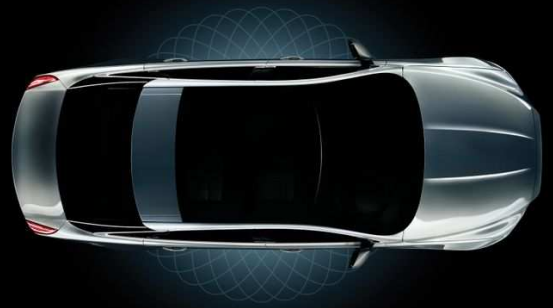
Jaguar's new XJ replaces design evolution with revolution

An aluminum, magnesium ,and composite alloy body shell, panoramic glass roof ,a choice of gasoline and diesel engines, advanced dynamic and different control ,c d of o.29 virtual instrumentation ,and an aesthetic revolution make up **jaguar's** next generation XJ

Certainly the new XJ takes its inspiration from large, purposeful, semi fastback design is aimed squarely at the Mercedes-Benz E-and S-class.

The engine choice covers three gasoline units plus a diesel. The most powerful gasoline engine is a supercharged V8 5.0-L AJ-V8 Gen III, producing 375 KW ,or an SAE-certified 510 hp ,at 6000-6500 rpm. The car uses established jaguar chassis system that incorporates air suspension ,adaptive Dynamic (continuously variable damping), active different control, quick-ratio "starring".

The outgoing XJ had Aluminum body shell ,and jaguar has decided to stay with the material for the new car, again using aerospace derived riveting and bonding techniques.



Dimension Automotive Technology

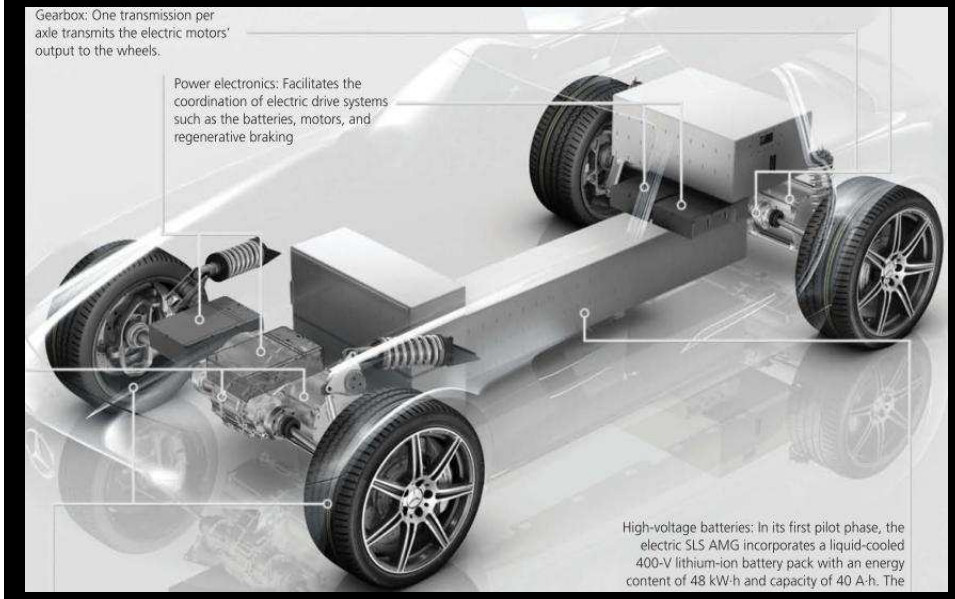
Jaguar underlines that it has adopted a “life cycle” philosophy for its new sedan, which includes using recycled material where appropriate, low-energy manufacturing process, maximizing durability, and easy end-of-life recycling.

The car’s aluminum architecture uses about 50% recycled material for the body shell. prioritization switches to a higher level when the driver selects Dynamic (sport) mode and the dials show red .A prominent gear position indicator also glows red as the rev limits is approached.

wide- -1626mm(64in)

front track &short front overhang--- 890mm(35in)

rear overhang- -1200mm(47.2in)



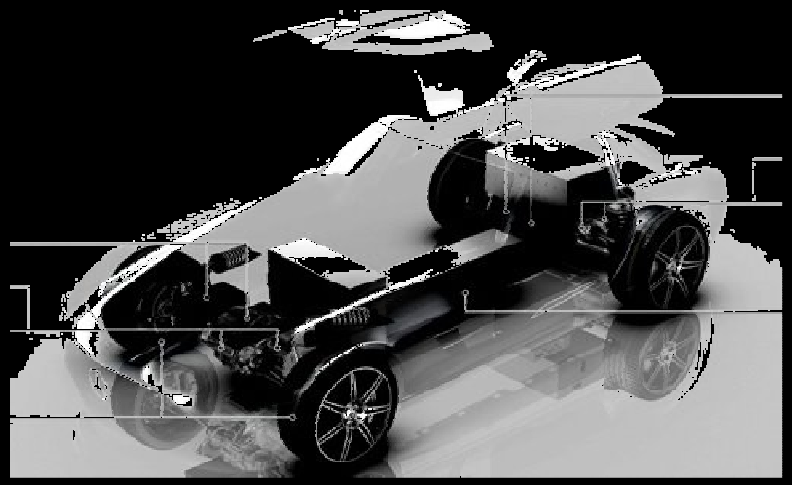
Mercedes-Benz electric SLS AMG

Mercedes- Benz and its performance brand AMG are developing a "super sports car" With an electric drive train.

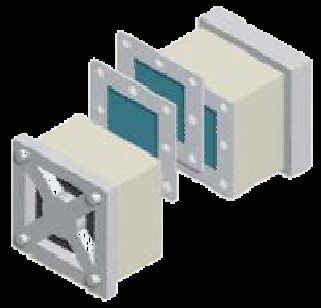
The special SLS AMG model is powered by four electric Motor positioned near the wheels. One Transmission per axle transmit the power.

Converting the 400-V battery pack's energy into 0-100km/h acceleration of around 4 s— Performance on par with the upcoming SLS AMG model with a conventional 420-KW (563-hp) 6.3-L V8 engine .

Deutsche Accumotive , a joint venture of Mercedes parent Daimler & envoi Industries , will provide the battery technology.



Technology convention-2009



Liquid elastomer molding

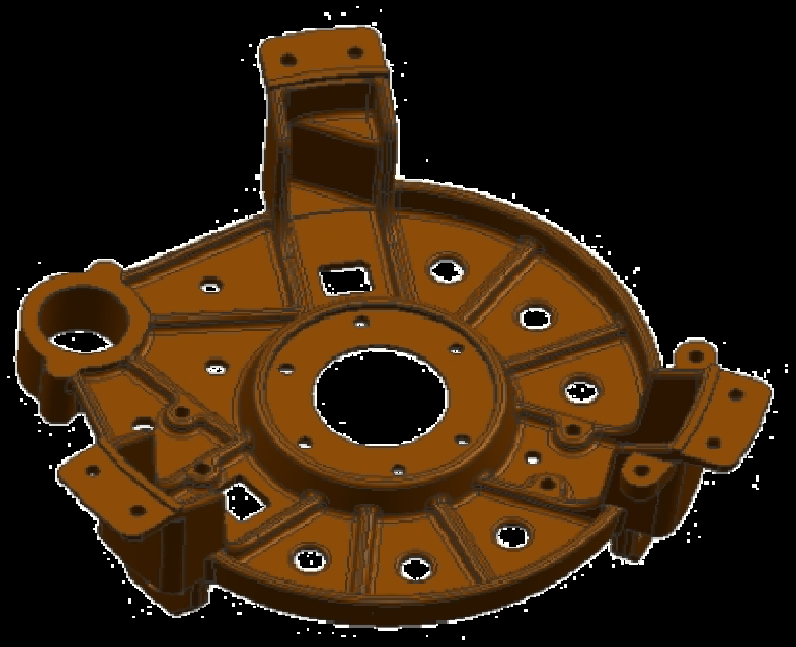
Federal-Mogul's gasket Technology is used to assist in fuel cell development for energy efficient vehicles. Liquid elastomeric molding(LEM) gasket are constructed with small engineered elastomeric beads molded onto thin carriers that provide sealing performance

Orange oil-infused Passenger tire

Yokohhama tire's composed of 80% non-petroleum- based materials. The tire which according to the company
Is the world's first orange oil-infused Passenger tire, combines orange oil with Silica and natural rubber to form a new Compound called super nano- power rubber

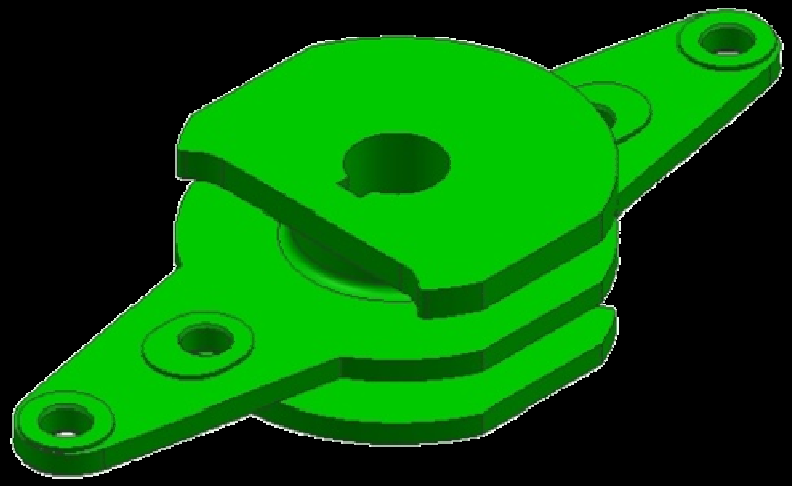
Reinforcing agent

Hyper form HPR-803 high performance reinforcing agent for polyolefin's was developed to meet the needs of the automotive industry .by replacing high loading of heavy Mineral fillers, such as talc, with lower loading for comparable performance.



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

Students are creating design of products by using the great idea's by proving their creativity to build something on their own.



The student of our training cell has created the design of 3-D Technical features with all technical aspects.

This images are the output of student design.

Thank You ! !