

# 2015

## DAuto Newsletter

JANUARY EDITION

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





## Mercedes-Benz has unveiled the F 015 Luxury in Motion

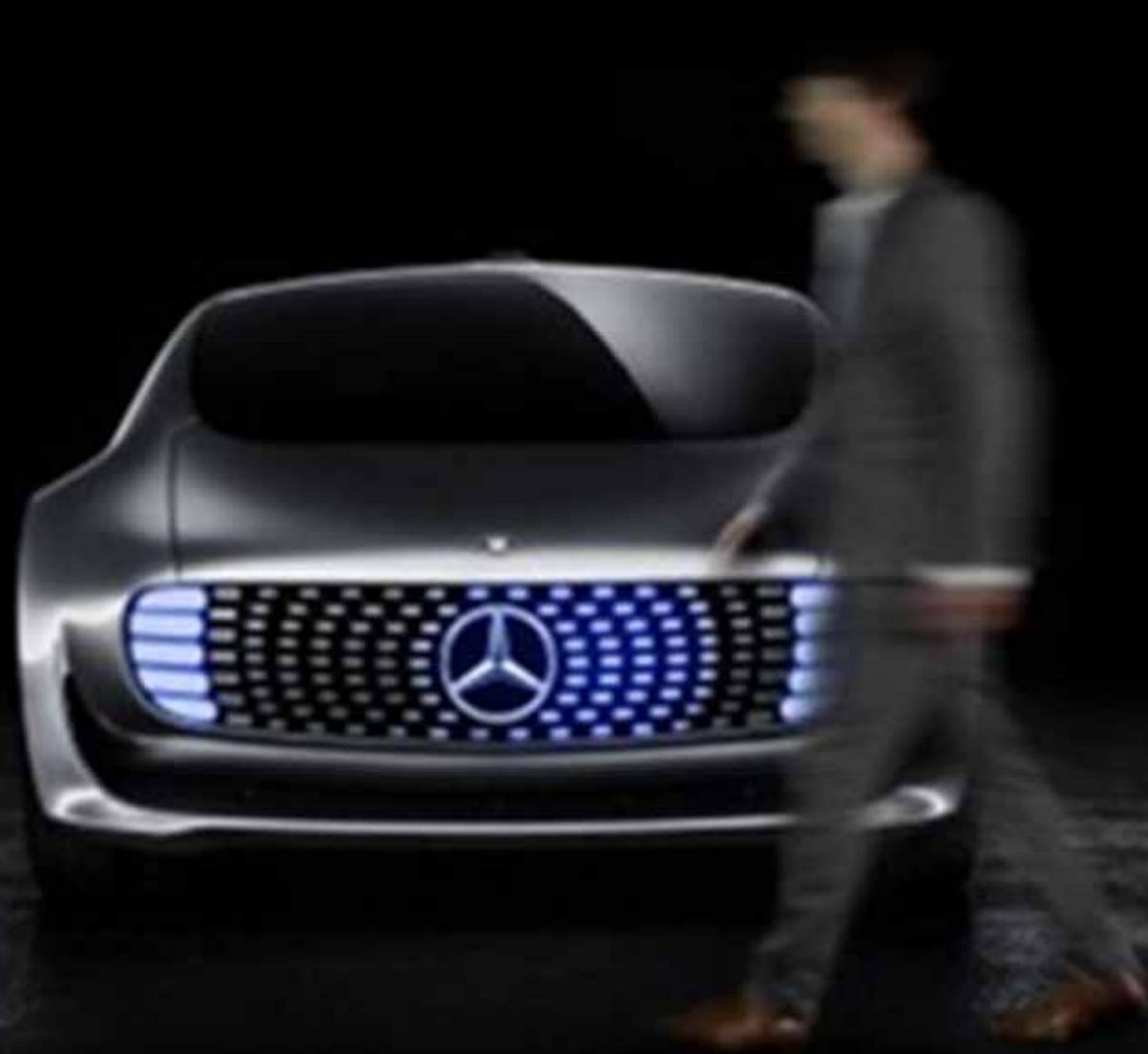
The F 015 Luxury in Motion was designed from the very start as an autonomous car, and this gave designers original possibilities in the vehicle layout, packaging and connectivity.

The show car was conceived as "mobile living space", and is characterized by very generous dimensions: it measures 5,220 mm in length, is 2,018 mm wide and 1,524 mm tall, while the 3,610 mm wheelbase allows for a very spacious interior.





## Mercedes-Benz has UNVEILED THE F 015 Luxury in Motion



The exterior lines are characterized by a low-slung front end, smooth and streamlined roof line, flat front windscreen and road-hugging rear end.

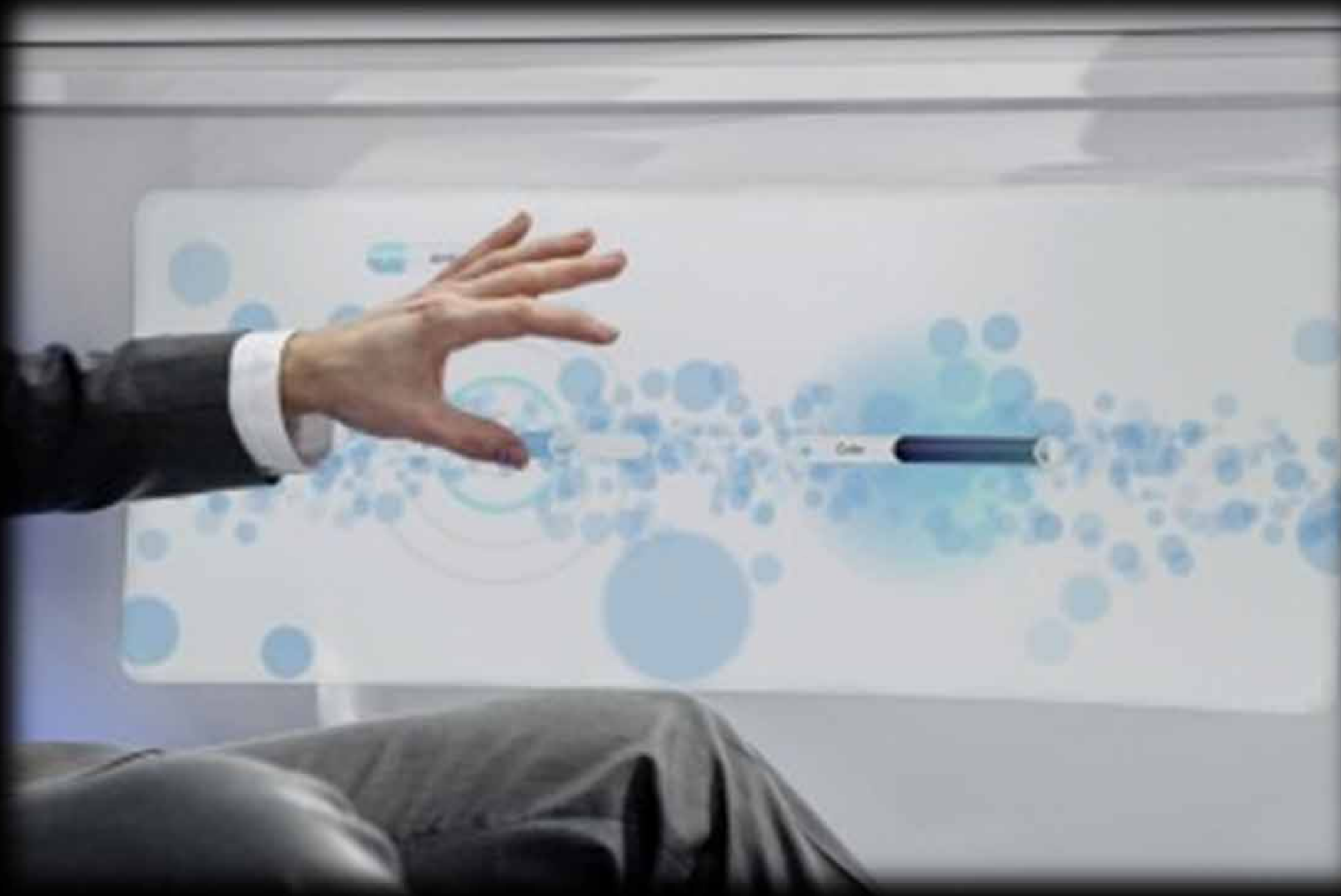


The underlying structure is made of carbon fibre reinforced plastic, aluminium and steel, which allows to save about 40% in weight compared to conventional cars of similar size. Among the most distinctive features are the prominent LED light modules on the front and back of the car. They indicate which mode – manual or autonomous – the vehicle is operating in, and also enable a communication and interaction with the outside world, which will help in creating a sense of reliability and trust towards the autonomous driving technologies.



## Mercedes-Benz has unveiled the F 015 Luxury in Motion

The onboard connectivity – a key feature for a self-driving vehicle – features six screens seamlessly integrated throughout the interior, controlled via eye-tracking, gesture recognition or touch. The platform was conceived for a hydrogen fuel cells power train, that takes inspiration from the pioneering F-CELL PLUG-IN HYBRID system first seen in the F 125! research vehicle in 2011.





## Chevrolet Bolt EV Concept

Building on the company's experience developed with the Volt and the Spark EV, the Bolt EV concept will be sold in the US as well as many global markets. Among the announced technical highlights are selectable driving modes and DC fast charging operation. From an aesthetic point of view, the Bolt EV features a compact, one-box layout, with minimal overhangs that optimize interior space. The surface language shares many elements with the 2016 Volt, also on display at the 2015 NAIAS. The face look is characterized by the slim, sleek headlights, integrated in a slim, upright fascia that emphasizes the absence of conventional grilles for air cooling. The flanks are sculpted, with a lower sweeping line and a bold bone line defined by a sharp edge running from the front fenders to the rear tail lamp.





## Mazda LM55 Vision Gran Turismo Concept

The design of the Mazda LM55 Vision Gran Turismo takes inspiration from the 787 B that took overall victory at the 1991 24 Hours of Le Mans – it was first victory ever for a rotary engine as well as for a Japanese car in this prestigious race.

The distinctive proportions maintain the minimal rear overhangs contrasted by the longer front overhangs, while the front end features an interpretation of the typical Mazda grille and headlights. The overall surface treatment is characterized by sensual, smooth shapes tightly wrapped around the car's mechanics.





## BUICK HAS REVEALED THE AVENIR CONCEPT

Buick has revealed the Avenir Concept, a study of a flagship sedan that reinterprets the brand's classic styling cues and proportions. It was jointly developed by the Warren and Melbourne design studios.



The project is a collaboration between GM's design studio near Melbourne, in Australia, and Buick's North American design center, in Warren, Mich., with over 100 designers, sculptors and fabricator involved in the development process. While the name Avenir – French for future – signals how the concept paves the way for upcoming models, the four seat, four door sedan also takes inspiration from historic Buick models.



## Buick has reveal ed the Avenir Concept

Among the technical highlights are an advanced infotainment system, which includes a number of large touch screens, including two displays for the rear passengers.



Interior surfaces – inspired by nature and sea waves receding on a beach – flow seamlessly through the cabin. It is a motif featured on the seats and carried through in other trim components – even the carpet. In fact, a patterned insert for the carpet carries the motif in silk and bamboo.



## BMW gina I light car concept



BMW Gina  
Light car  
concept  
promotes  
innovative  
thinking and  
allows  
maximum  
freedom of  
creativity

Car manufacturers have always been interested to explore how the vehicles of the future would be like, but the key remains as to how prepared are we to face the challenge of presenting newer options. We know that BMW- always introduces jaw dropping car concept such as the last post in this blog BMW M1 Homage In our wildest dream we don't expect to see BMW latest car concept would be made of cloth





## Ford reveals the new GT



At the Detroit Motor Show Ford has revealed the all-new Ford GT, a pre-production extreme sports car featuring a carbon fiber body and structure and a 3.5 liter twin-turbo EcoBoost V6 with over 600 hp. Set to be launched in late 2016, the new Ford GT serves as a technology showcase for the EcoBoost performance, aerodynamics and lightweight carbon fiber construction.





## Ralph Gilles on the new Chrysler 300S

Ralph Gilles & designers focused on the front grille, which is larger and more prominent, and aimed at bringing back the sporty character, while maintaining the distinctive presence, proportions and stance.



Ralph Gilles made his name early, when he completed the production design of the award-winning 2005 Chrysler 300 from a concept by the renowned designer Freeman Thomas.



He quickly rose to head Chrysler design, running Dodge for a while and adding SRT to his duties. He is a performance nut, spending as much time as possible at racetracks with Mopar enthusiasts.



# BMW presents self-parking i3, new lighting technology concept car

BMW has presented a number of innovations at the 2015 Consumer Electronics Show taking place this week in Las Vegas, with the highlights being a self-parking i3, new lighting technology previewed in an M4-based concept car, and a next-generation iDrive interface that is expected to arrive. BMW's new lighting technology was previewed on a concept car called the M4 Concept Iconic Lights.



The self-parking i3, which we reported on earlier, features the latest version of BMW's Active Assist autonomous technology.





## Koenigsegg Badge

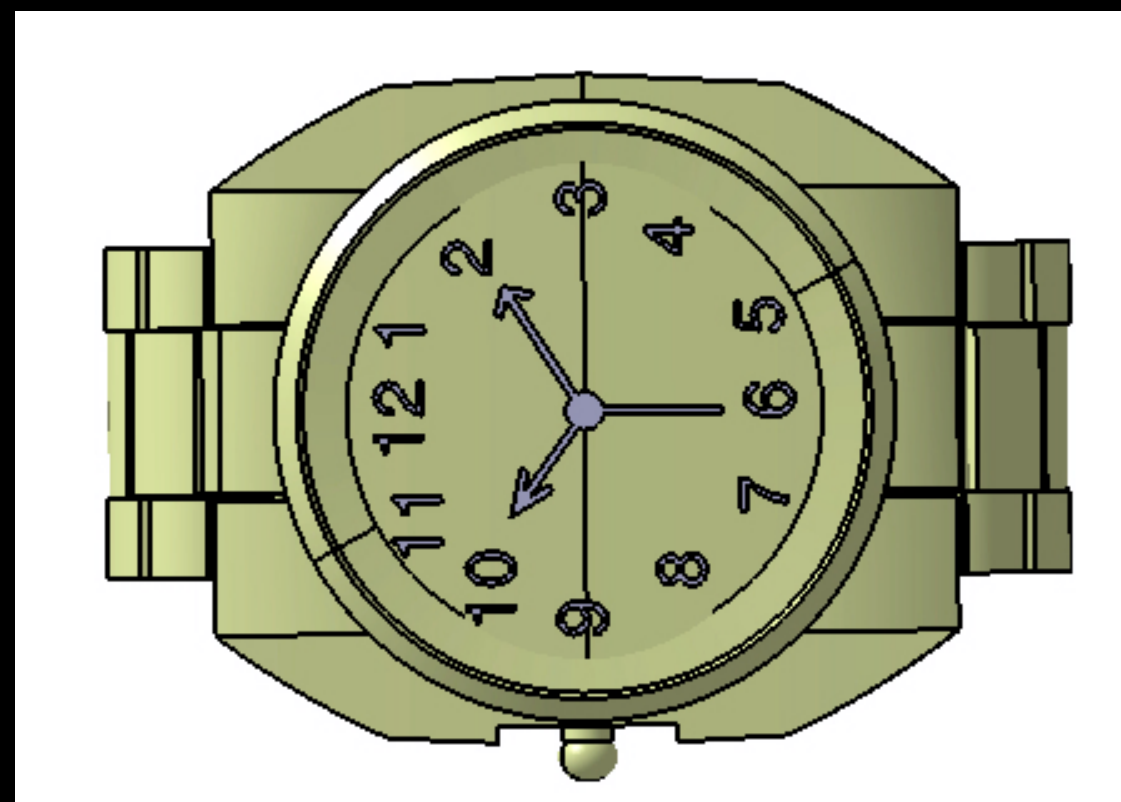


The badge that identifies the Koenigsegg car brand was conceived by designer Jacob Låftman. It is a shield based on the Koenigsegg family's own coat of arms since the 12th century.

Some Koenigsegg cars are also given a phantom insignia, which is a tribute to the Swedish jet fighter squadron that used to operate on the current Koenigsegg facilities (the F10 base) – these jets' emblem was a ghost.



## STUDENT'S CORNER



## News from DAuto Family



This Design had been created and Presented by Ashish Lamba(LNCT, Bhopal) students of DAuto CAD School during the period of Software Training on Catia V5.

Students of DAuto CAD School during the period of Software Training on Catia V5.

For more info. 18001234011 E-mail us at: [training@dauto.co.in](mailto:training@dauto.co.in)



## STUDENT'S CORNER

### News from DAuto Family



This Rifle has been prepared and envisioned by Shivam Sahu(SATI, Vidisha) students of DAuto CAD School during the period of Software Training on CATIA V5.

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**For more info.** 18001234011 E-mail us at: [training@dauto.co.in](mailto:training@dauto.co.in)



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