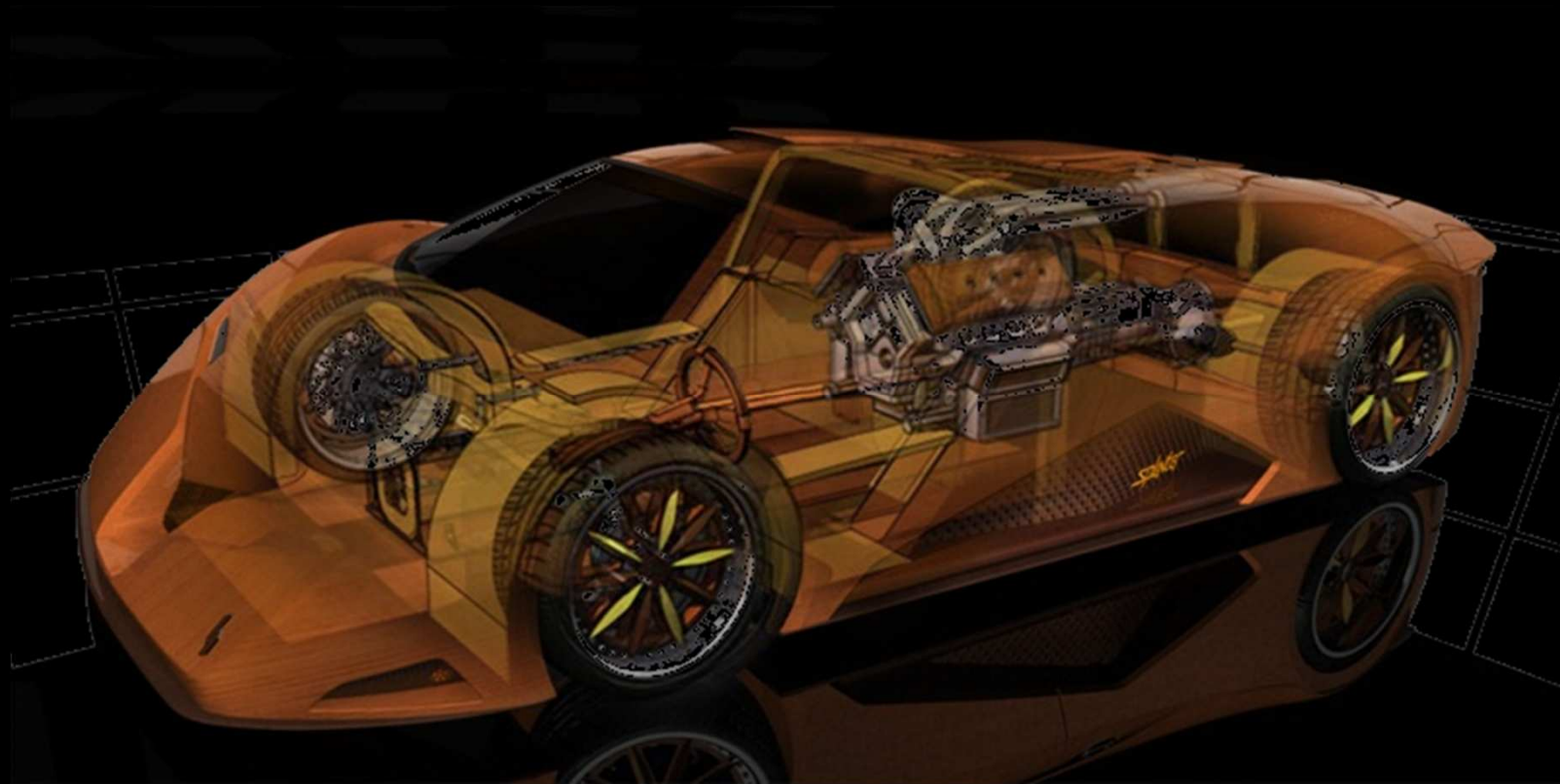


## DAuto News Letter



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

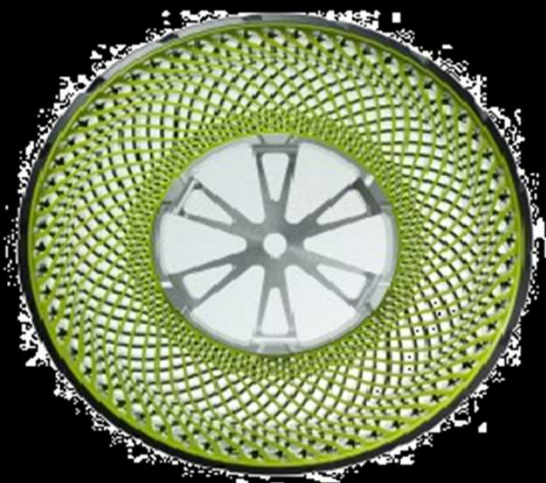
## Bridgestone develops airless tire concept

Bridgestone has announced the development of an eco-friendly Non-Pneumatic (Airless) Concept Tire with a structure of thermoplastic resin spokes.

Bridgestone Corporation has announced it has developed a non-pneumatic (airless) concept tire that – differently from similar concepts presented in the past- could be easily adapted for mass production.

The Non-Pneumatic (Airless) Tire Technology – on display at the 2011 Tokyo Motor Show – uses an unique structure of spokes stretching along the inner sides of the tires supporting the weight of the vehicle. As Bridgestone commented, “there is no need to periodically refill the tires with air, meaning that the tires require less maintenance. At the same the worry of punctures is eliminated.”

The spoke structure within the tire is made from reusable thermoplastic resin, and along with the rubber in the tread portion, the materials used in the tires are 100 percent recyclable



Bridgestone is pursuing this technological development with the aim of achieving a “cradle to cradle” process that proactively maximizes the cyclical use of resources from worn tires into new tires and the use of recyclable resources.

## Rinspeed Dock+Go Concept preview

At the 2012 Geneva Motor Show Rinspeed will introduce the Dock + Go Concept, a compact vehicle with a matching single-axle docking trailer, based on the Smart For Two.



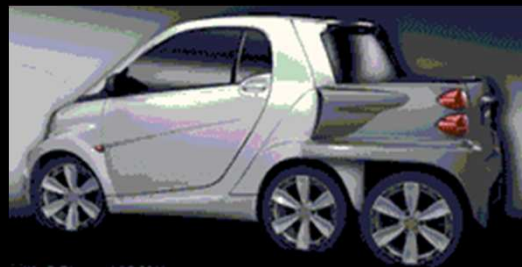
The pack can be customized with a variety of options depending on the customer's requirements: from an integrated heated box for pizza deliveries, to a toolbox for craftsmen.



The Dock+Go Concept was inspired by the idea of a “backpack on wheels” capable of integrating in the car rear section when it is not needed.

To turn the project into a functional prototype, Rinspeed designers have decided to create a vehicle based on the Smart ForTwo.

The Dock+Go Concept was designed for electric powered vehicles, and targeted to business customers such as delivery companies or leisure and sport activities.



The pack can also integrate a combustion engine or range extender, packed with batteries or powered by a fuel cell, which increases the vehicle's range.

In this case the docked third axle drives the rotating second axle and thus recharges the on-board battery of the city car.



## Toyota GT 86

Toyota has revealed the much anticipated compact sports car developed in partnership with Subaru. Named GT 86, it is powered by a 2.0 liter boxer engine and will go on sale in mid-2012.

Making its debut at the upcoming 2011 Tokyo Motor Show, the Toyota GT 86 is a compact 2+2 model defined as a “driver-focused machine”, with excellent dynamic performance and handling. The Toyota GT 86 is built on a new platform developed jointly with Subaru, which will unveil its own version, the BRZ Concept. The car layout features a compact, front mounted 2 liter boxer engine coupled with a rear-wheel drive transmission. The four-cylinder unit delivers 197bhp at 7,000rpm and maximum torque of 205Nm at 6,600rpm.



The cabin features what is claimed to be “the world’s most compact four-seat design”.

Measuring 4,240mm in length, 1,285mm in height and 2,570mm in width, the GT 86 has a low weight, 53:47 front-to-rear weight distribution, low inertia and a low centre of gravity (just 475mm) to achieve the best possible power-to-weight ratio.

The suspension features MacPherson struts at the front and double wishbones at the rear. The car rides on 17-inch wheels and is fitted with ventilated disc brakes fore and aft.

## Toyota GT 86



The shapes of the GT 86 are essentially the same as the Subaru BRZ sister model. The main differences are more sober sporty details, such as the rear spoiler and the front lower lip, and the circular lighting units used for the front fog lights and the tail lights.



The design of the GT86 was strongly influenced by a number technical constraints, in order to achieve compact dimensions, a low centre of gravity and aerodynamic performance. It also adopts a sweeping styling that recalls Toyota's sports car heritage.



The cabin features a sporty look, with black leather and carbon-effect trims, a small steering wheel and contrasting red stitching, all-black roof lining, aviation-style rocker switches and aluminium pedals.

## Saab files for bankruptcy

After the recent struggles to stay in business, Saab has finally filed for bankruptcy. It could be the end for the Swedish iconic automotive brand, founded in 1937.

Below we report the official statement released by Saab, along with a collection of sketches and images from the brand's heritage and recent past.

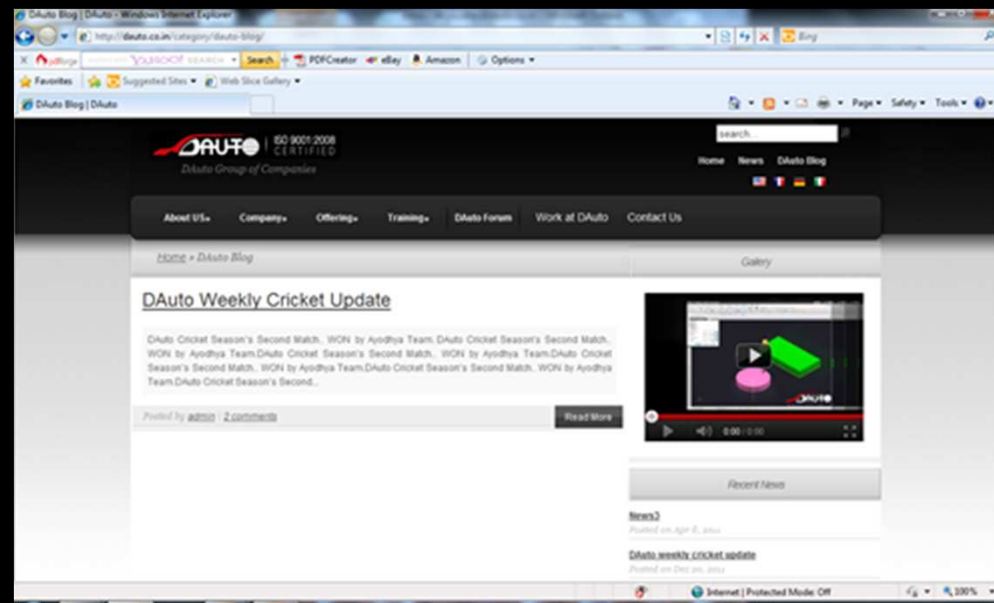


Swedish Automobile N.V. (Swan) announces that Saab Automobile AB (Saab Automobile), Saab Automobile Tools AB and Saab Powertrain AB filed for bankruptcy with the District Court in Vänersborg, After having received the recent position of GM on the contemplated transaction with Saab Automobile, Youngman informed Saab Automobile that the funding to continue and complete the reorganization of Saab Automobile could not be concluded.

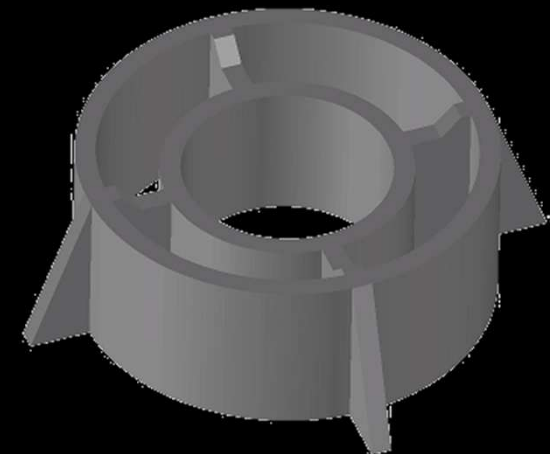
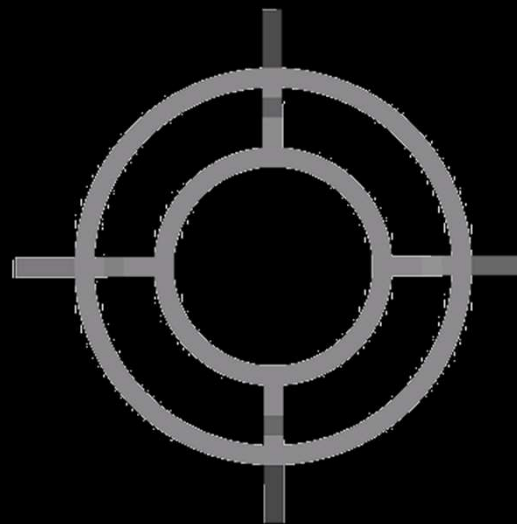
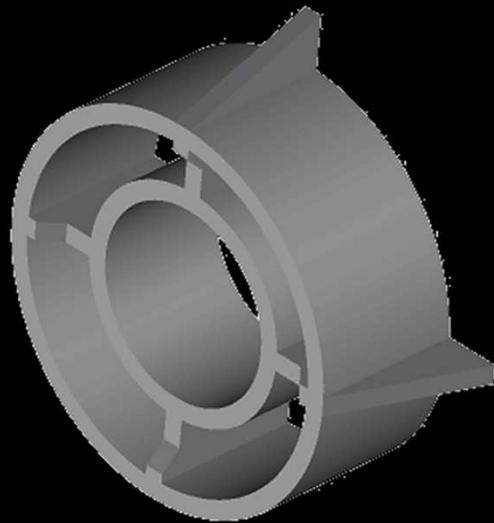
The Board of Saab Automobile subsequently decided that the company without further funding will be insolvent and that filing bankruptcy is in the best interests of its creditors. It is expected that the Court will approve of the filing and appoint receivers for Saab Automobile very shortly. Swan does not expect to realize any value from its shares in Saab Automobile and will write off its interest in Saab Automobile completely.



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Video tutorial also available on the site, which could be beneficial for the enquiry holder. To get more features can visit at [www.dauto.co.in](http://www.dauto.co.in)



This contrive has been prepared and envisioned by “Ashutosh Goswami” one of the DAuto CAD School student during the period of Software Training on CATIA V5.



### Good News :

### News from DAuto Family

(CRASH courses and Major Project on advance software)

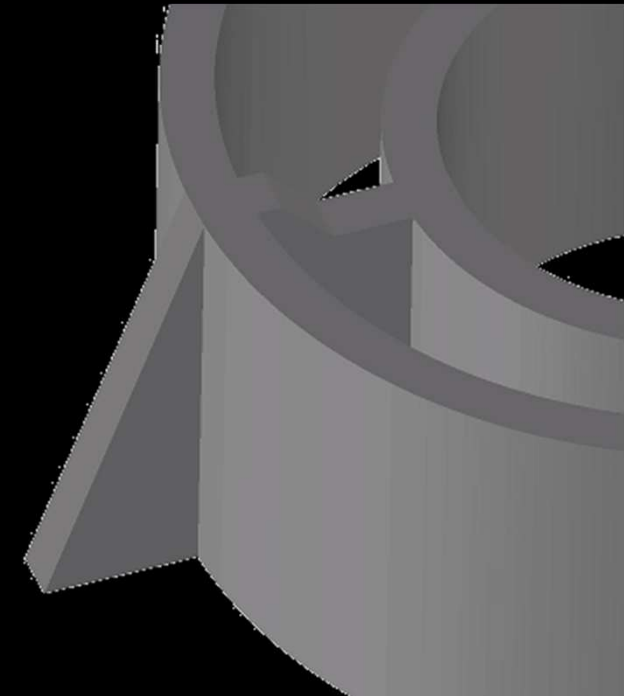
DAuto Company going to start CRASH courses as well as major project on the software which have been using by classed companies in NA, Europe and India. It would be helpful to understand design and development, which enables to enter into various demanding sector.

### (LIVE PROJECTS WITH STIPEND)

DAuto initiated to provide live projects with stipend, it will helpful for students In their hand's on experience and future building as well.

Design Courses on maximum Discount for students: Being student is good to grab the chance to get discount on CATIA V5 and Unigraphics NX to make career in design and development.

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Thank You !!