



VOLVO ADVENTURE CONCEPT CAR TWO | PRESS INFORMATION | GENEVA 2002



Volvo Cars unveils Adventure Concept Car 2

Two months after introducing the new Volvo XC90 in Detroit, Volvo Cars provides another glimpse into the future of the Volvo Cross Country range.

The second Volvo Adventure Concept Car (ACC2) clearly demonstrates that the present Volvo Cross Country has an exciting future.

"The Cross Country family has two very distinctive members. Two different vehicles attracting buyers with very different desires," says Hans-Olov Olsson, president and CEO of Volvo Cars.

The Volvo XC90 is the perfect choice for people who want nothing other than a unique, thoroughbred Sports Utility Vehicle, while the Cross Country, or Volvo XC70, as it will be called from model year 2003, continues to attract those who prefer a Sports Utility inspired car.

"The Cross Country family is not static. It is being continuously developed. Our new ACC2 shows how the advantages of the Cross Country concept can be refined into the perfect choice for people who want the car to be an integral part of their lifestyle. The ACC2 is a car for the demanding winter adventurer. The same way of thinking could of course be applied to other leisure activities," adds Hans-Olov Olsson.

Fast, comfortable ride

The Volvo ACC2 offers you a fast, comfortable ride to the winter wilderness - and it has all the technology you need to make the day a perfect winter experience

The engine and chassis are the same as in the Volvo Performance Concept Car; 300 bhp, 400 Nm of torque, a Continuously Controlled Chassis and electronically-controlled All Wheel Drive.



The design is an exciting and exclusive mix of cold surfaces, warm materials and smart functionality. The interior includes a new seat design, a completely flat loading area, visible safety features and a centre console packed with state-of-the-art information technology.

Utility belt for gadgets

The centre console is a "utility belt" with docking facilities for a range of gadgets, including a PDA (Personal Digital Assistant), camera and digital video camcorder.

The smart, portable PDA includes a telephone and a GPS unit. When you take it out of the car, it uses blue-tooth technology to send and receive information.

"It might sound complicated. But our aim has been to organise and present all the technology in a simple, functional way. With this car, Scandinavian form and function reach a new peak," says Jonathan Dale.

020305-HA⁰

For further information; please contact:

Volvo Car Corporation, Lennart Ström • tel no +46 (0)31 59 65 25



Volvo ACC2 - fast winter transport for the demanding adventurer

- **Exciting concept study**
- **Cold surfaces, warm materials and smart functionality**
- **New seat design**
- **Visible safety features**
- **State-of-the-art information technology**
- **All roads. All surfaces**

The Volvo Adventure Concept Car 2 (ACC2) has been developed to demonstrate that the present Volvo Cross Country has an exciting future.

The ACC2 is a concept study for a high-performance sports activity vehicle - the ultimate car for real outdoor winter adventures. The unique "machine silver" colour emphasizes the dynamic look.

It also offers a glimpse of tomorrow's technology, e.g. when it comes to the smart integration of state-of-the-art information technology solutions.

The flared wheel arches boast a powerful jet-engine inspired shape to accommodate the wider track and give the car a capable stance. The lower sides of the body are protected by door mouldings.

The 18" wheels have studded tyres, developed by Michelin. These so-called "run-flat" tyres allow the driver to maintain control of the vehicle in the case of a sudden loss of tyre pressure.

The headlamps are connected to the GPS, which mean that they automatically adapt the light pattern for right-side or left-side traffic.

Cold, warm and smart

The interior of the ACC2 is inspired by the Swedish Ice Hotel in Jukkasjärvi and the famous Swiss Army Knife, a blend of cold surfaces, warm materials and smart functionality.



"The exposed steel and aluminium surfaces emphasize the feeling of a capable driving machine, while soft, natural materials are used to create a cosy, comfortable feeling," says interior designer Jonathan Dale.

New seat design

The Volvo ACC2 has a 2 + 2 seat configuration and the new seat design is one of the most distinctive features in the concept car. The thin contour of the seat is inspired by both the rounded design of Scandinavian wooden chairs and the dynamic shape of racing car seats.

The fixed angle between the seat cushion, together with saddle-inspired natural leather and generous lumbar support, provides maximum comfort.

The backrests in the rear can move forward to the front seats to create a flat, efficient loading area.

The warm woollen floor carpets are made of the same material as the Swedish Ice Hotel bed hats, water resistant, yet still soft to touch. A warm glow of orange flows out from the centre console to increase the feeling of a warm, cosy environment.

Orange functionality and visible safety features

Orange is used to highlight functionality. Where orange is present, there is a function or an interaction between the car and the occupants. This includes the touch buttons throughout the car, the door handles and important safety features like the Whiplash Protection System (WHIPS) indicator and the Side Impact Protection System (SIPS) bar in each seat.

The safety features on board have been made visible to emphasize Volvo's state-of-the-art technology in this field. In the ACC2, the Crisscross safety belt, which was introduced in the Safety Concept Cars (SCC) last year, is by no means the only visible safety feature.

The doors have safety bars as hand grips to promote the safety cage. The airbag in the steering wheel is visible through frosted glass as are the first-aid and toolbox kits, integrated into the front doors.



The centre console - a "utility belt"

The centre console in the ACC2 houses a whole range of high-tech features. It can best be described as a "utility belt" with docking facilities for a range of gadgets, including a PDA (Personal Digital Assistant), camera and digital video camcorder. The smart, portable PDA, which has been developed in co-operation with Hewlett Packard, includes a telephone and a GPS On system, which can be used On foot and On road.

Exciting opportunities

When you take the PDA out of the car it uses GPRS (General Packet Radio Service) to send and receive information. The technology opens up a wide range of exciting opportunities for the future.

- Use the voice control to say "give me powder" and the PDA will surf the web to obtain information about where the best, untouched snow is.
- Point at a mountain and you will receive information about the slopes, weather conditions and snow quality.
- If you are caught in bad weather or an avalanche, the PDA will send an SOS via Volvo On Call. The GPS will supply the rescue team with your exact position.
- The system will also help you to find your way back to the car if the weather conditions get tough. It can also pre-warm the car for you.

Safely back in the car again, you can hook up your camcorder and watch your adventures on the rear-seat facing screen in the console.

The "utility belt" also includes MP3 and DVD players, a thermos for hot drink, four glasses and orange sunglasses.

300 bhp engine

Under the bonnet of the ACC2, there is a potent version of the Volvo five-cylinder, 2435 cc engine, producing 300 bhp and no less than 400 Nm of torque, mated to a six-speed, compact, four-shaft semi-automatic gearbox.

The "Up" and "Down" gear-shift buttons are integrated in the steering wheel, while the reverse button is positioned on the centre console.



FOUR-C - a unique chassis

The FOUR-C (Continuously Controlled Chassis Concept), is the same as in the Performance Concept Cars.

What is unique about FOUR-C is its ability to collect huge amounts of information about the way in which the car moves and to respond instantly by adjusting the damper characteristics accordingly.

The Volvo ACC2 is also fitted with electronically-controlled All Wheel Drive, AWD. A car for all roads and all surfaces.

020305-HÅ

For further information; please contact;
Volvo Car Corporation, Lennart Ström • tel no +46 (0)31 59 65 25

Volvo ACC2



1.
Volvo ACC2
Front



2.
Volvo ACC2
Rear



3.
Volvo ACC2
Console



4.
Volvo ACC2
Interior



5.
Volvo ACC2
Interior



6.
Volvo ACC2
Interior



7.
Volvo ACC2
Luggage Compartment



8.
Volvo ACC2
Luggage Compartment



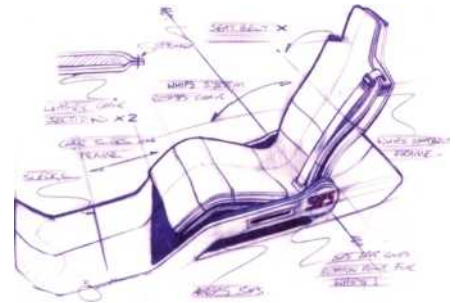
9.
Volvo ACC2
Wheel



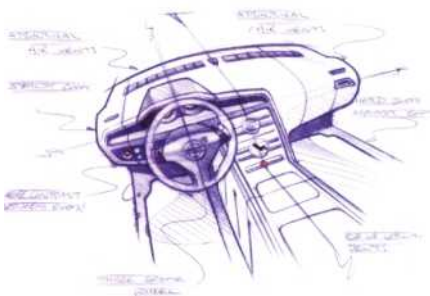
10.
Volvo ACC2
Illustration



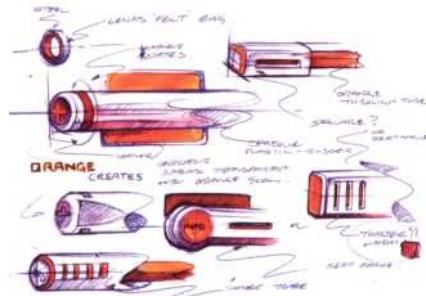
11.
Volvo ACC2
Illustration



12.
Volvo ACC2
Seat Sketch



13.
Volvo ACC2
Interior Sketch



14.
Volvo ACC2
Indicator Sketch