

## Communiqués

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### Volvo XC70 - model year 2014

Volvo Car Group paved the way for a totally new segment with the V70 Cross Country in 1997. The main focus during the continuous development of the XC models has been to maintain the aura of a very comfortable on-road car with capable, off-road potential. The rugged and refined contemporary look reflects the XC70's underlying strength and capability. The new XC70 also features the groundbreaking Pedestrian and Cyclist Detection with full auto brake.

#### **DESIGN**

##### **Bold and wide**

A number of new exterior design cues sharpen the XC70's contemporary road presence. These include a bolder front grille, a new bigger ironmark, and details such as the Daytime Running Lights and added matte silver touches. The XC70 is available with wheels up to 19-inches in diameter. The aim is to emphasise the luxurious feel with a more road-hugging stance.

The XC70 also features improved off-road design cues such as skidplates that protect the car on really uneven surfaces.

##### **Luxury interiors with first-class functionality**

The rugged, yet sophisticated exterior is also reflected in the bespoke interior packages.

The XC70 offers first-class comfort and sophistication combined with an impressive 575 litres of load space. The rear seats can be folded down in three 40/20/40 segments, giving more options to configure the space. With all of the rear seats folded flat, the load space grows to a cavernous 1,600 litres. The power-operated tailgate, operated remotely via the key fob or the dashboard, is another human-centric detail.

The rear seat can integrate double two-stage child seats - with one simple movement, booster cushions pop up from the seat giving a comfortable and safe ride height for children from the age of three and upwards.

#### **CHASSIS & POWERTRAINS**

##### **Controlled ride**

The car has been developed and balanced to give a first-class driving experience, based largely on pliant ride and secure road holding allied to high stability. Stability is particularly important when driving with many passengers and a lot of luggage.

All-Wheel Drive and the optional Hill Descent Control are a further boost to the XC70's go-anywhere promise.

The XC70 can be optionally specified with an active chassis based on Volvo's Four-C technology. It is an advanced self-regulating chassis system that uses a number of sensors to continuously monitor the car's behaviour. The dampers are adjusted to suit the current driving conditions in mere fractions of a second.

##### **Powerful T6 version**

The T6 petrol engine has a displacement of 3.0 litres and pumps out 300 hp. The engine's power is delivered to the wheels via Volvo's second-generation six-speed automatic Geartronic transmission. All Wheel Drive (AWD) is standard.

### **Adaptive Digital Display**

The Adaptive Digital Display, which debuted in the all-new V40, uses an active TFT (Thin Film Transistor) crystal display to bring the driver personalised information. The default mode Elegance has a classic look and layout. The Eco mode has a green colour theme and is designed to encourage and reward a fuel-efficient driving style. Performance features red illumination, and a rev scale replaces the speedometer displayed in the Elegance and Eco versions.

### **Heated steering wheel and paddle shifters**

To give drivers in cold climate extra comfort, three-spoke steering wheels can now be specified with electric heating. Cars with automatic transmission can get paddle shifters that give the driver the opportunity to shift gear manually with both hands on the wheel. Cars equipped with a rain sensor can now also get an electrically heated windscreen for rapid de-icing on cold winter days.

### **SAFETY**

IntelliSafe, Volvo's blanket name for all active safety systems, is an important part of the driver-centric approach in the XC70.

### **New Pedestrian and Cyclist Detection technology**

New advanced software, including more rapid vision processing, has now made it possible to extend Volvo Cars' present detection and auto brake technology to cover certain cyclist situations as well.

The new Pedestrian and Cyclist Detection with full auto brake is equipped with an advanced sensor system that scans the area ahead. If a cyclist heading in the same direction as the car suddenly swerves out in front of the car as it approaches from behind and collision is imminent, there is an instant warning and full braking power is applied.

The technology also detects if a pedestrian steps out into the road in front of the car. If the driver does not respond in time, the car can warn and automatically activate the brakes.

### **City Safety - active up to 50 km/h**

The XC70 features an upgraded City Safety system. This system is active at speeds up to 50 km/h. The car automatically brakes if the driver fails to react in time when the vehicle in front slows down or stops - or if the car is approaching a stationary vehicle too fast.

### **Active High Beam Control - more relaxed driving in the dark**

The Active High Beam Control helps the driver use high beam more efficiently. It offers automatic switching between high and low beam at the right moment.

### **Road Sign Information - an extra "eye" on the traffic environment**

Road Sign Information supports the driver by displaying road signs in the instrument display. Road Sign Information can be combined with the Speed Alert function, which provides the driver with a visual warning in the speedometer if the speed limit is exceeded.

### **Volvo On Call combined with Bluetooth**

The Volvo On Call system can be combined with the Bluetooth mobile phone service. The Bluetooth connection allows hands-free phone conversations as well as music streaming from a preferred Bluetooth enabled portable music player. Volvo is actually the only brand to offer Bluetooth music streaming throughout the entire vehicle range.

### **Crumple zones made using different grades of steel**

The patented front body structure is divided into zones, each of which has a different task during the deformation sequence. The outer zones are responsible for most of the deformation. The closer the collision forces get to the passenger compartment, the less the material deforms. In order to give each zone the right properties, different grades of steel are used in different structures.

### **Mots clés:**

XC70 (2007), Press Releases, 2014

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La description et les faits repris dans le matériel de presse concernent la gamme de voitures internationale de Volvo Cars. Les équipements peuvent être optionnels. Les spécifications peuvent varier en fonction du pays et peuvent être modifiées sans préavis.

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