

Press Release

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Volvo XC90 - model year 2012

The Volvo XC90 is a successful car, with a range of innovations that has elevated the segment into an entirely new dimension, resulting in segment leading sales in main SUV markets. Over time, Volvo Cars has refined the XC90 to boost its competitiveness and with the R-Design concept with specially tuned sport chassis, and all the safety features available.

EXTERIOR

Slim, exclusive lines

The Volvo XC90 boasts a modern and elegant appearance. It is a spacious and flexible crossover model that combines the passenger car's handling and comfort with excellent get-you-there ability and flexibility. The XC90 is designed to give an elegant, muscular and robust impression.

Exclusive Executive and bold R-Design

The XC90 is also available in an even more exclusive Executive version with a number of features that further elevate its level of cossetting luxury. The R-Design version boosts the XC90's sporty aura and gives the car a more driver-focused character.

Exterior colours

The following colours are available for the Volvo XC90:

Caspian Blue 498

Twilight Bronze 700

Flamenco Red metallic 702

Black Stone solid 019

Ice White solid 614

Silver metallic 426

Black Sapphire metallic 452

Electric Silver metallic 477

Ember Black metallic 487

Savile Grey metallic 492

Passion Red solid (only R-Design) 612

INTERIOR

Seven seats

The passenger compartment is very spacious and features a modern uncluttered design. Seven seats are standard on most markets. On some there is also a five seats alternative.

The seating position gives the driver a commanding view over the traffic and the passengers a comfortable seating position. All the passenger seats can be folded to create a fully flat loading floor.

The tailgate is divided into an upper and a lower section. This makes the Volvo XC90 a very flexible and versatile car in every day usage.

CHASSIS

Passenger car drive

The XC90 is built as a passenger car, with a unitary body and the same type of chassis as that found in Volvo's sedan models. The chassis, with spring struts at the front and Multilink axle at the rear, are tuned for a stable, controlled drive and alert steering response.

The Multilink rear axle is an independent rear suspension system featuring a number of links and it

is designed to offer a good combination of controlled wheel movements and high ride comfort. A long wheelbase and wide track, together with a very torsionally rigid body, contribute to the predictable, controlled driving manners.

All-Wheel Drive (AWD) for enhanced stability

All-Wheel Drive is an electronically controlled system that distributes engine power between the front and rear wheels quickly and automatically, depending on which wheel pair (front or rear wheels) has the best grip at the moment. The system helps enhance stability and reduces understeer and oversteer, contributing to increased driver control and a comfortable ride. The system is equipped with PreTension® which improves take-off speed and delivers higher traction on slippery surfaces.

Dynamic Stability and Traction Control (DSTC)

Volvo's Dynamic Stability and Traction Control system continuously registers the car's roll rate, making it possible to detect slowly building skids at an early stage. Generally, the system helps stabilise the car in evasive manoeuvres, particularly when the car is exposed to high lateral forces.

DRIVELINE AND ENGINES

3.2 AWD naturally aspirated petrol engine

The in-line six-cylinder 3.2-litre naturally aspirated engine has been upgraded and features an improved crankshaft and less internal friction. It now offers 243 hp and maximum torque is 320 Nm. It meets the Euro 5 legislation.

D5 and D3

The Volvo XC90 can be specified with the high-performance D5 engine that produces 200 horsepower and 420 Nm of torque. There is also a front-wheel drive (FWD) 2.4 five-cylinder D3 turbodiesel with 163 hp available. Both engines meet the Euro 5 legislation.

DRIVER SUPPORT AND SAFETY SYSTEMS

Roll Stability Control (RSC) and Roll-Over Protection System (ROPS)

Roll Stability Control is an active system that intervenes in situations when the car senses that there is a risk of rolling over. This function helps stabilise the car and reduces the risk of rolling over in an accident.

If a rollover accident should still occur, the Roll-Over Protection System helps protect the passengers. A network of beams in the body structure helps distribute and absorb the resulting forces. In addition, an electronic sensor registers if the car is about to roll over and accordingly activates the seat belt pre-tensioners and the Inflatable Curtains.

Park Assist Camera - an extra eye to the rear

In order to protect objects standing behind the car and to aid parking, the XC90 can be equipped with a Park Assist Camera.

Volvo On Call combined with Bluetooth

The Volvo On Call system can now be combined with the Bluetooth mobile phone service. The Bluetooth connection has been upgraded to allow not only hands-free phone conversations but also 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.

Keep in touch via mobile application

Now there is also a mobile application that makes sure that the driver can stay in touch with the parked car via an iPhone or Android smart phone. The mobile application is an extension of Volvo On Call, which is presently available in 12 European countries plus Russia and Brazil.

Now, the system has been reinvented. Owners of all new Volvos from Model Year 2012 with Volvo On Call can download the new application that opens up a range of connectivity possibilities. The mobile app is free and downloaded via the iPhone and Android application stores. The app is designed to offer the owner an intuitive, easy-to-use relationship with the car from a distance.

Strong body structure

The Volvo XC90 is a modern SUV, built like a passenger car with highly efficient deformation zones, a low centre of gravity and advanced systems to help minimise the risk of personal injuries, irrespective of the situation and accident type.

The exterior systems have the task of distributing and absorbing incoming collision forces so that the passenger compartment remains as intact and undamaged as possible. A gently rounded

front and an extra beam below the front bumper help reduce the risk of injury to other road users.

SIPS, WHIPS and extended IC

Volvo Cars has developed a number of in-house functionality and driver support, such as WHIPS (Whiplash Protection System), SIPS (Side Impact Protection System) and IC (Inflatable Curtain). All are fitted as standard in the Volvo XC90. Certain components have undergone further development specifically for the XC90 model. For instance, the Inflatable Curtain has been extended so that it also covers passengers in the third row of seats. All seven seats are equipped with three-point inertia-reel seat belts, belt pre-tensioners and head restraints.

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Descriptions and facts in this press material relate to Volvo Cars' international car range. Described features might be optional. Vehicle specifications may vary from one country to another and may be altered without prior notification.

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