

Press Release

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Volvo XC90 - model year 2011

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, Inscription for a sophisticated interior and all the safety features available it is a premium SUV.

The acclaimed seven-seater has been injected with more sophisticated lines and materials and an even more rewarding driving experience without compromising demands on safety and environmental properties.

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. This has been achieved through a number of refined details including a grille with more chrome and bumpers with a greater degree of colour coding. All versions of the XC90 have colour-coded side trim mouldings and door handles. As an alternative to black roof rails, brushed aluminium can be specified as an option.

Exterior colours

The following colours are available for the Volvo XC90:

Flamenco Red metallic (new) 702
Black Stone solid 019
Ice White solid 614
Silver metallic 426
Black Sapphire metallic 452 (also for R-Design)
Magic Blue metallic 467 (also for R-Design)
Oyster Grey metallic 472 (Inscription)
Electric Silver metallic 477 (also for R-Design)
Ember Black metallic 487 (Inscription)
Savile Grey metallic 492 (also for R-Design)
Caper Green metallic 493
Passion Red solid (only R-Design) 612

Exclusive Executive and bold R-Design

The XC90 is also available in an even more exclusive Executive version with a number of new 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.

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 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. A number of refinements have been made to give the interior an even more luxurious aura, including the watch dial-inspired design of the instruments that is standard.

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

V8 AWD with 315 hp

The efficient top-of-the-line 315 horsepower V8 petrol engine is mated to a six-speed automatic transmission and is the most compact V8 in its class.

Advanced emission control featuring four catalytic converters reduces harmful emissions beyond the standards required by current legislation, such as Euro 4 and California's ULEV II, making this V8 among the cleanest in its class.

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 with 185 hp

The Volvo XC90 can also be specified with the high-performance D5 engine that produces 185 horsepowers and 400 Nm of torque.

D3 FWD

There is also a front-wheel drive (FWD) 2.4 five-cylinder D3 turbodiesel with 163 hp available.

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 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. With Volvo On Call it is now even possible to activate the cabin heater remotely via SMS text messaging.

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 pretensioners and head restraints.

Keywords:

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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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