

Press Release

May 27, 2012 | ID: 15453

Volvo XC90 - model year 2009

Launch

The Volvo XC90 was launched in early 2002 as the first purpose-built SUV (Sports Utility Vehicle) to come from Volvo Cars. It is also Volvo's first seven-seat car since the 1940s. The Volvo XC90 has electronically controlled All-Wheel Drive. It has the capacity to forge ahead on very poor roads, but is primarily intended as a spacious passenger car with excellent driving manners, immense safety and intelligent versatility.

Business project manager: Hans Wikman.

New features, Volvo XC90, model year 2009 - brief summary

- Exterior rear emblem with increased space between the letters
- Savile Grey Pearl exterior colour
- Caper Green Pearl exterior colour
- Modified front head restraints
- HomeLink system
- Situla 18" aluminium wheel

Please note that some systems and functions are optional.

Design

Five-door SUV - a crossover model that combines the passenger car's comfort and comfort with excellent get-you-there ability and flexibility. The Volvo XC90 is designed to give a robust yet at the same time compact and elegant impression. It is built as a passenger car, with a unitary body and the same type of chassis as that found in Volvo's sedan models - unlike some other SUV models that are built on a truck chassis. The Volvo XC90 comes with five or seven seats, depending on specification. The passenger compartment is very spacious, thanks not least to Volvo's modern powertrain concept with transverse engine installation.

As of model year 2009, the space between the letters in the rear Volvo emblem has been increased in order to enhance visibility of the brand. The individual letters will also be larger.

The seats are placed high to give the driver a commanding view over the traffic and the passengers a comfortable seating position. All the passenger seats can be folded. The tailgate is divided into an upper and a lower section. This makes the Volvo XC90 a very flexible and versatile car. The top model in the range is the exclusive Volvo XC90 Executive, which features equipment and comfort of exceptional quality.

The following colours will be available for the Volvo XC90:

- * Black Stone Solid (019)
- * Passion Red Solid (612)
- * Ice White Solid (614)
- * Silver Metallic (426)
- * Black Sapphire Metallic (452)
- * White Pearl (453)
- * Ruby Red Pearl (454)
- * Titanium Grey Pearl (455)
- * Magic Blue Pearl (467)

- * Willow Green Metallic (471)
- * Oyster Grey Pearl (472)
- * Shimmer Gold Pearl (473)
- * Electric Silver Metallic (477)
- * Shadow Blue Metallic (480)
- * Ember Black Pearl (487)
- * New colour: Savile Grey Pearl (492)
- * New colour: Caper Green Pearl (493)

As of model year 2009, new front head restraints will be introduced due to legal demands. The new front head restraints have reduced width and 25 mm increased height.

Safety

Volvo Cars adopts a holistic view of safety that encompasses both Preventive and Protective safety. Preventive safety is closely linked to the car's driving properties. The body of the Volvo XC90 features immense torsional rigidity and the car has a sturdy chassis, a combination that results in consistent, predictable behaviour on the road (see also under "Powertrain and Chassis"). Ground clearance is high to offer good get-you-there ability on poor roads. Despite this, the floor is set low down, which contributes to the car's low centre of gravity and excellent directional stability.

Volvo Cars has developed various information systems designed to help the driver while on the move. One such system is IDIS (Intelligent Driver Information System), which for instance delays incoming phone calls in complex traffic situations that require the driver's undivided attention.

BLIS - Blind Spot Information System - registers if another vehicle is in the offset rear blind spot alongside the car and alerts the driver via a visual signal.

Active Bending Light - moving headlamp beams that follow the curvature of the road - help maintain the best possible visibility in the dark on twisting roads.

Volvo XC90 can be equipped with an optional tyre pressure control system - TPMS (Tyre Pressure Monitoring System).

Protective safety in the Volvo XC90 is structured around a network consisting of exterior and interior safety systems that interact with one another to reduce the risk of occupant injury in a collision.

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. Thanks to its unitary body, the Volvo XC90 has been able to be built with the same type of deformation zone as Volvo's other car models. The body is built in the form of a metal cage where all the components interact with one another to ensure controlled deformation. A gently rounded front and an extra beam below the front bumper help reduce the risk of injury to other road users.

The interior safety systems aim to keep the passengers securely in place and also to reduce the risk of serious injury. In order to provide the most effective protection possible, Volvo Cars has developed a number of in-house systems, 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 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. The highest possible safety requires that all the car's occupants always use their seat belts.

The Volvo XC90 features reinforced roll-over protection. An active stability-enhancement system (Roll Stability Control) activates if the car risks rolling over. Engine power is reduced, anti-roll bar stiffness is increased and the brakes are automatically applied to stabilise the car. If the car should roll over, 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.

The Volvo XC90 can be equipped with the HomeLink system. The system makes it possible to operate up to three remote controlled home devices (e.g., garage door, home alarm system, etc.) via a module integrated into the sun visor. HomeLink contributes to easy and safe access to your

home.

Driveline and handling

The Volvo XC90 was launched with a range of five- and six-cylinder engines. All are fitted transversely in keeping with Volvo's modern powertrain concept. They are designed to operate smoothly, with low vibration and high torque across a wide rev range.

In autumn 2004, a powerful aluminium V8 engine was added to the range, mated to a six-speed automatic transmission. The V8 engine too is installed transversely.

An in-line six-cylinder, normally aspirated engine was launched in 2006. The engine is extremely compact and mounted transversely, for optimum crash safety and maximum cabin space.

The five-cylinder turbo diesel provides smooth and powerful driving. This responsive and modern diesel features a service-free particle filter, making it a highly eco-efficient engine.

The engine programme for the Volvo XC90 looks as follows:

Petrol	Cylinders	Power, bhp	Torque, Nm
3.2	6	238	320
V8	8	315	440

Diesel*	Cylinders	Power, bhp	Torque, Nm
D5	5	185	400

*All diesel engines have a turbo function.

The chassis, with spring struts at the front and Multilink axle at the rear, is set up for stable, reassuring driving manners 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. Some of these links have the task of providing a certain degree of anti-skid steering effect. A long wheelbase and wide track, together with a very torsionally rigid body, contribute to the predictable, controlled driving manners. Large wheels with a relatively tall tyre profile and stiff tyre sidewalls contribute further to stability.

The Volvo XC90 has Volvo's electronically controlled All-Wheel Drive system with Instant Traction, for fast and effective distribution of traction even when moving off on a slippery surface. Volvo's advanced DSTC (Dynamic Stability and Traction Control) stability-enhancing system is fitted as standard. DSTC cuts in and helps stabilise the car if it registers any tendency to skid.

A new aluminium wheel is now available: Situla 18".

The environment

The Volvo XC90 is designed and equipped to impact as little as possible on the global environment and to offer a clean and healthy interior climate. Petrol engines with low internal friction, efficient combustion and advanced exhaust filtration technology result in low emissions. Energy-efficient diesel engines with particle filters produce low emissions of carbon dioxide and soot particles.

Volvo's IAQS (Interior Air Quality System) effectively reduces the amount of particles, pollen, gases and certain unpleasant odours in the air entering the cabin. In addition, all textiles and leather are certified under ÖKO-TEX 100. This is an international standard, which ensures that fabrics and hides have been thoroughly tested to check for certain allergy-inducing substances and emissions.

Keywords:

XC90 (2002-2014), Press Releases, 2009, Product News

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.

Related Images



[More Images >](#)

media.volvocars.com >

volvocars.com >

Copyright © 2025 Volvo Car Corporation (or its affiliates or licensors).