

Press Release

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Volvo XC60 - model year 2010

Launch

The Volvo XC60 is the first vehicle in a new generation of the contemporary cross-over concept. It is a combination of a traditional city vehicle and an XC vehicle aimed for young, professional urban people with an active life. Volvo XC60 is a sporty and dynamic car with tasteful exterior and interior design and versatile functionality.

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The Volvo XC60 is now offered with Volvo's two new five-cylinder diesel engines. The engines are a perfect combination of low fuel consumption, high performance and low noise levels. In addition, a front-wheel driven XC60 DRIVe model is available. It has the 2.4D version of the new five-cylinder diesel.

New features - the Volvo XC60

- Two new five-cylinder diesel engines...
- ... one high-performance version
- ... and one medium-performance, DRIVe version...
- ... combined with front-wheel drive - 6.0 l/100 km and 159 g/km CO₂

Exterior

Characteristic XC design

Volvo XC60 has a characteristic XC design language, with a blend of passenger- and coupe-like car shapes - including a touch of well-known Volvo design elements. The formula-drive stance, with big wheels "in the corners", lifted visual platform and a very high waistline - all contribute to a sturdy and robust impression. The V-shape design, i.e. front spoiler, LED lamps, bonnet, goes all the way to the rear.

The rear design is characterised by the tail lamps with micro optics and LED technique. The lamps, distributing light in a special way, give a characteristic "Volvo" design impression.

13 exterior colours

There are 13 colours available for the Volvo XC60:

- Black Stone
- Ice White
- Silver Metallic
- Black Sapphire Metallic
- Barents Blue Pearl
- Electric Silver Metallic
- Maple Red Pearl
- Orinoco Blue Pearl
- Cosmic White Metallic
- Chameleon Blue Pearl
- Savile Grey Pearl
- Lime Grass Green Pearl
- Terra Bronze Pearl

Integrated roof rails

The roof rails provide a solid and tight impression. They are available in two versions - Charcoal (standard) or Silk-Metal - and built into the car at the factory.

Exterior styling accessories

The following accessories are provided to bring an extra dimension to the car's sporty and dynamic appearance.

- Front bumper bars in matt aluminium
- Running boards
- Side scuff plates
- Rear bumper skid plate
- Achilles - 19" aluminium wheel

Body

Strong body structure

The advanced front structure consists of deformation zones of different grades of steel, each one with a certain role in a collision. The structure is designed to help providing increased protection in a frontal collision.

Side structures of different grades of steel and a number of tubes and members are all designed to "move" the body to the side, help reducing the risk of passenger compartment intrusion. Volvo's Side Impact Protection System helps absorbing the forces in order to maintain an adequate space for the passengers.

Lower cross member

The front structure has been supplemented by a lower cross member that adapts the front to the height of a normal-sized passenger car. This enables the other car's deformation zones to function as they were intended to provide protection for the car's occupants.

Panoramic roof

The panoramic roof is a detail that replaces the traditional sunroof. It is divided into two sections and gives the interior an airy and fresh feeling. The roof glass is tinted and laminated.

Laminated glass contributes to increased security

Laminated glass can be chosen in all of the car's windows to make break-in considerably more difficult.

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

Roll Stability Control is an active function that intervenes in situations when the car is exposed to forces that could cause it to roll over. The function helps stabilise the car and reduces the risk of rolling over in an accident.

If a rollover accident should occur the Roll-Over Protection System helps to protect the passengers. An inclination sensor included in the Roll Stability Control continuously reads the car's roll rate. If threshold values are exceeded, the system takes action by for example deploying the Inflatable Curtains. The Roll-Over Protection System is a complex system that includes the body's safety structure as well as the SRS components.

Interior

Driver oriented interior

The interior is driver oriented and designed to create a dynamic feel. The lines on panels and surfaces connect different interior panels with each other to create a harmonious style with "loops." Thick and thin lines contribute to the XC profile.

The characteristic and floating centre console gives a dynamic and sporty impression. The centre console is slightly angled towards the driver to enhance the driver dynamics. The visual "X" in the seats and backrests enhances the dynamic appearance.

Practical loading area

The loading area has a lockable load floor covering two storage areas, one for personal items and another for soiled or wet items. The load cover extends over the entire loading area. The rear door prevents the floor hatch from being opened when the car is closed and locked.

Three interior levels

The following interior levels are available for the Volvo XC60:

- Full textile - a combination of two different textiles and available in Off-Black or Soft Beige.
- T-Tec and textile - available in Anthracite Black/Off-Black or Soft Beige/Mocca.
- Leather in Off-Black or Soft Beige - offered with the accent colours Lemon Green/Off-Black or Soft Beige/Espresso Brown.

Two wood inlays

Two different wood inlays are available: Classic Wood and Nordic Light Oak. The standard base theme is called Charcoal, and another inlay theme is called Brushed Aluminium.

Power tailgate

The optional power tailgate can be opened automatically in three ways - via the remote control, by a button in the light panel or by opening the tailgate with the handle. The automatic opening feature is very convenient if you approach the car loaded down with shopping bags.

Three-section rear seat

The three-split (40/20/40) rear seat and backrest offer two separate seats with an armrest in the middle, or three seats with safety belts for each occupant. The seat cushions are fixed and the backrest(s) can be individually folded.

Driveline

Six-cylinder turbo engine

The 3-litre, six-cylinder turbo engine is transversely mounted and very compact. The engine delivers 285 horsepower and 400 Nm of torque, from low up to high revs. The turbo-six provides a high level of driving pleasure, with quick throttle response at all speeds, ideal for quick overtaking, for example.

Five-cylinder turbo-diesel in two variants

Two new five-cylinder diesel engines are now being introduced (for spring 2009) for the Volvo XC60 - the high-performance, twin-turbo D5 and the medium-performance, single-turbo 2.4D. Actually, the new engines only share the number of cylinders with its predecessors.

The D5 has several advanced technical features, such as the twin turbochargers and the fuel injection system, which provide an excellent combination of high performance and low fuel consumption. It fulfils the Euro 5 norm. The development of the new D5 has resulted in low engine noise and enhanced comfort. It delivers 205 horsepower and 420 Nm, and the preliminary fuel consumption figure is 6.9 l/100 km. The CO₂ emission level is 183 g/km (preliminary). With an automatic gearbox, fuel consumption is 7.5 l/100 km and the CO₂ emissions are 199 g/km.

A new, front-wheel driven DRIVE version of the XC60 model will be available as well. This version (2.4D) has a five-cylinder diesel with a single-turbocharger. The engine is combined with a manual gearbox. The engine falls into Volvo's 160g category (out of three different categories: 120g, 140g and 160g, depending on the car's size and other things). The power output is 175 horsepower and 420 Nm. Volvo XC60 DRIVE features a number of technical improvements that help contributing to the low, best-in-class fuel consumption - 6.0 l/100 km. The CO₂ emissions are 159 g/km.

However, besides the high power and torque, this XC60 version has a sporty chassis, making it just as fun to drive as the other XC60 models.

Six-speed automatic transmission with Geartronic

The compact, six-speed automatic transmission has been engineered to handle the high torques developed by engines such as the T6 and the powerful D5 diesel engine. Geartronic enables the automatic transmission to be used as a manual gearbox as well.

Six-speed manual transmission

The manual six-speed gearbox provides good tractive power in each gear in order to combine rapid acceleration with high top speed.

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 under/over steering, and contributes 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.

Chassis

Trailer Stability Assist (TSA) for stabilising car and trailer

Trailer Stability Assist is intended for stabilising the car and trailer. The system detects if the trailer starts "snaking"; a phenomenon that may occur at certain speeds depending on the mass of the trailer and how it is loaded. If Trailer Stability Assist senses snaking tendencies, it brakes the car's individual wheels to counteract the oscillation. Trailer Stability Assist is activated at speeds between 60 and 160 km/h.

Dynamic Stability and Traction Control (DSTC)

Volvo's Dynamic Stability and Traction Control system registers the car's roll rate continuously, giving the opportunity to detect slowly built up 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.

Hill Descent Control (HDC) for steep inclines

Hill Descent Control controls the car's speed automatically when driving down steep inclines. The Hill Descent Control function makes it possible for the driver to focus completely on driving when descending steep hills. The driver can control the speed with the brake pedal or the accelerator when Hill Descent Control is activated.

Continuously Controlled Chassis Concept (FOUR-C)

Volvo's FOUR-C function monitors the chassis' movements and makes it possible to choose a chassis setting that suits a certain driving style. The driver can choose between three settings: Comfort, Sport and Advanced.

Speed-dependent power steering contributes to easier steering

The Volvo XC60 is equipped with speed-dependent and progressive power steering to make steering easier at low speeds. One of three steering force levels can be selected to suit different drivers and driving conditions.

Support systems

City Safety

City Safety is a function that senses if vehicles ahead are moving slower or standing still. By measuring the car's speed and distance to the vehicle ahead, City Safety is able to calculate the braking force needed when approaching the other vehicle. In a situation where the calculated braking force needed reaches a certain level, and the driver has not reacted, the City Safety function senses that a collision is imminent.

The function is a standard feature that is active if the car's speed is below 30 km/h (19 mph). In situations where the difference in speed between two vehicles is 15 km/h (9 mph) or less, a collision can be avoided completely. In a potential collision situation in which the difference in speed between the vehicles is between 15-30 km/h (9-19 mph), City Safety alone cannot prevent a collision. However, the consequences of the impending collision can be mitigated considerably because the system will intervene to reduce speed when the collision occurs.

Pre-Prepared Restraints

The Pre-Prepared Restraints function is able to prepare/adapt the belts and airbags to an expected crash load in low or mildly severe frontal collisions before the actual impact happens. This means that the belts and airbags get some 'extra' time to prepare before the impact and help making the safety belts and airbags even more effective. Remember to always use safety belts when driving or travelling in a car. Pre-Prepared Restraints is a standard feature in Volvo XC60.

Collision Warning with Autobrake alerts the driver

Collision Warning with Autobrake alerts the driver if the distance to a vehicle ahead suddenly decreases. The function contributes in giving the driver a fair chance to avoid a collision. The

system's braking function prepares for heavy braking and brakes the car automatically (with up to 50% of the maximum braking power) if the driver has not reacted to the warning signal. Collision Warning with Autobrake is an optional feature.

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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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