

Press Release

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Volvo XC70 - model year 2016

Volvo Cars 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 XC70 is available with one of the four-cylinder engines from the Drive-E engine family: the turbo diesel D4.

DESIGN

Bold and wide

A number of exterior design details give the XC70 a contemporary road presence. These include a bold front grille, a big ironmark, and details such as the Daytime Running Lights and matte silver touches. The XC70 is available with wheels up to 18-inches in diameter. The XC70 also features off-road design cues such as skidplates that protect the car on really uneven surfaces. Model 2016 news include new wheels.

Interiors with first-class functionality

The interior detailing includes comfortable front seats, jewellery knobs and a frameless rear-view mirror.

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 & POWER TRAINS

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.

D5 with 220 hp

The upgraded five-cylinder D5 turbo diesel has 220 hp and 440 Nm of torque with automatic gearbox. All Wheel Drive is standard. Fuel consumption for the D5 AWD with automatic is 48.7mpg (153 g/km).

D4 with 181 hp

The D4 Drive-E engine comes with 181 hp and 400 Nm of torque. The engine features world-first

i-ART technology that helps to cut fuel consumption. With pressure feedback from each fuel injector instead of using a traditional single pressure sensor in the common rail, i-ART makes it possible to continuously monitor and adapt fuel injection per combustion in each of the four cylinders.

Fuel consumption in an XC70 D4 with manual gearbox is up to 64.2mpg, which translates into CO₂ emissions of 115 g/km. Fuel consumption with the 8-speed automatic is 58.9mpg (127 g/km) in the XC70.

SENSUS

Adaptive Digital Display

The Adaptive Digital Display uses an active TFT (Thin Film Transistor) crystal display to bring the driver personalised information. There are three themes to choose from: Elegance, Eco and Performance.

Sensus Connect

The Digital Display theme colours are also echoed in the connected infotainment system Sensus Connect. It features a refreshed user interface with a number of innovative functions offering customers a fully connected experience.

The cloud-based services allow the driver to find and pay for parking from the car, discover new restaurants at the destination, stream favourite music seamlessly and much more. The driver can also have text messages read out aloud without taking hands off the wheel.

The brand new app Connected Service Booking is only the first step in making the dealer workshop fully integrated into the digital eco-system. The car will not only tell the driver when it's time for service but also suggest an appointment at the Volvo dealership.

The Bluetooth mobile phone service allows hands-free phone conversations as well as music streaming from a preferred Bluetooth enabled portable music player.

Sensus - always on call

One of the most widely appreciated features related to the Sensus offer, Volvo On Call, allows Volvo drivers to communicate directly with their car via a smartphone application to lock, unlock, check fuel levels, locate and check mileage on the car.

For 2015 Volvo On Call will be updated, adding a completely new graphical user interface, enhanced send to car capabilities, diagnostics views and smartwatch support for Android Wear, Apple Watch, iPad support and also voice control via Cortana for Windows Phone.

Premium Sound system

The Sensus family also includes a top-of-the-line Premium Sound system with a 5x130W amplifier with the next-generation sound enhancement software Dirac Live and up to 12 loudspeakers, including a long-throw woofer for enhanced bass, soft dome tweeters for soft highs and large mid-range centre and door speakers.

With the Premium Sound system by Harman Kardon the driver can enjoy an immersive sound stage with improved bass performance, while being able to turn up the volume with full audio clarity.

Heated steering wheel and paddle shifters

To give drivers in cold climate extra comfort, three-spoke steering wheels can 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.

Pedestrian and Cyclist Detection technology

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

The 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 31mph

The XC70 features a City Safety system that is active at speeds up to 31mph. 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.

Keywords:

XC70 (2007), Press Releases, 2016, XC70 (2008-2016)

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