

## Press Release

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### Volvo V70 - model year 2014

Volvo Car Group has been creating estates since 1953, when the 'two cars in one' Volvo Duett was launched. Six decades on, the new Volvo V70 carries on the tradition of combining form and function beautifully.

A number of new exterior design cues reinforce the sophisticated contemporary presence of the iconic estate car.

The new V70 features the ground-breaking Pedestrian and Cyclist Detection with full auto brake - and fuel consumption is down to 67.3mpg (111 g/km of CO<sub>2</sub>) in the most efficient D2 version.

#### DESIGN

##### Wider and Lower

The refined design emphasises the elegant contemporary presence of the V70. A wider proportion on the front grille, as well as more detail work and Day Running Lights, and added chrome touches give the car a more upmarket and luxurious feel. The rear has completely redesigned bumper and tail lights. The design team has created a more elegant look with a more road-hugging stance. The V70 can be fitted with expressive 19-inch wheels without loss of comfort.

##### Luxury interiors with first-class functionality

This ultimate, spacious family car 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 & POWERTRAINS

##### Choice of three chassis

The V70 buyer can choose from three chassis types - Dynamic, Lowered Sport Chassis and Four-C (Continuously Controlled Chassis Concept).

##### Drive-E D4, power with low CO<sub>2</sub>

Joining the diesel offering is the new Drive-E engine, the D4, a 2-litre 4-cylinder turbocharged diesel engine with i-ART injection technology.

The new D4 produces 181hp with 400 Nm of torque. Producing just 113g/km of CO<sub>2</sub>, this translates into a fuel consumption figure of 65.7mpg if fitted with a 6-speed manual gearbox, and 117g/km (62.8mpg) if fitted with the new 8-speed automatic gearbox.

Two 5-cylinder diesels are also available in the V70, the D3 with 136hp and the D5 producing 215hp.

Fuel consumption for these engines with a manual gearbox stand at 62.8mpg and 58.9mpg respectively, with emissions of 119g/km and 126g/km of CO<sub>2</sub>. Both the D3 and D5 can be ordered with a 6-speed automatic gearbox with fuel consumption figures up to 57.6mpg and 45.6mpg.

The D2 version of the S80 features a 1.6-litre diesel engine, producing 115 hp and 270 Nm of torque. Fitted with the 6-speed automatic gearbox, it gives a fuel consumption figure of up to 67.3mpg, corresponding to CO<sub>2</sub> emissions of 111g/km.

Polestar Performance offer an upgrade to the D5 engine, increasing the power from 215hp to 230hp and torque from 420Nm to 470Nm. CO<sub>2</sub> and fuel consumption are unaffected, all while being fully factory backed and warranty inclusive.

## **SENSUS**

### **Sensus Connected Touch - new connectivity possibilities**

The HMI (Human Machine Interface) functionality Sensus is extended with the option to add intuitive all-new technology that enables connectivity and Internet in the car. The Sensus Connected Touch turns the 7-inch display into a state-of-the-art infrared, beam-scanned touch screen that can be used even when wearing gloves - a world first in cars.

The driver goes online either via a car-mounted 3G/4G dongle or a personal mobile phone and the features include the industry's first in-dash, fully integrated, voice search Spotify application. The voice-activation system works on all music sources connected to the Connected Touch. It is also possible to share a WiFi network with everyone in the car.

### **Multimedia**

Fitted as standard to all specification levels is Bluetooth, allowing connectivity of mobile phones to the vehicle to make hands-free calls, along with the ability of music streaming. Also fitted as standard is Digital Audio Broadcasting, giving access to digital clear radio stations.

### **Adaptive Digital Display**

The Adaptive Digital Display, which debuted in the all-new V40, 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.

The default mode Elegance has a classic look and layout. The Eco mode has a green colour theme and is designed to encourage and reward a fuel-efficient driving style. Performance features red illumination, and a rev scale instead of the speedometer displayed in the Elegance and Eco versions.

### **Heated steering wheel and paddle shifters**

To give drivers in cold climate extra comfort, three-spoke steering wheels can now 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 V70.

### **New Pedestrian and Cyclist Detection technology**

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

The new 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.

### **Crumple zones made using different grades of steel**

The patented front body structure is divided into zones, each of which has a different task during

the deformation sequence. The outer zones are responsible for most of the deformation. The closer the collision forces get to the passenger compartment, the less the material deforms. In order to give each zone the right properties, different grades of steel are used in different structures.

#### **City Safety - active up to 31mph**

The V70 features an upgraded City Safety system. This system 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 also 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.

#### **Volvo On Call combined with Bluetooth**

The Volvo On Call system can be combined with the Bluetooth mobile phone service. The Bluetooth connection allows hands-free phone conversations as well as 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**

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.

Owners of all new models with Volvo On Call can download the 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.

## Keywords:

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