Volvo V60 - model year 2011

The Volvo V60 makes its entry onto the car market with its sights firmly set on giving the all-new S60 sedan model a tough match over the title of "The Most Dynamic Volvo Model Ever". No less than 90 percent of the annual V60 production of 50,000 cars will find European buyers. It is produced at the Volvo Cars Torslanda plant. Production started in August/September 2010.

EXTERIOR

Coupe rather than estate car
From the design viewpoint the focus was on making the car as close to a coupe as possible, while retaining that handy extra space at the rear. The sports wagon does not aim to compete with the traditional estate car. For the customer who wants a lot of load space, there is our V70 or XC70.

The pronounced wedge shape and the slim coupé-like roof line of the new V60 are accompanied by the shoulder profile along the car's sides, creating a gentle yet powerful double wave from the headlamps at the front to the tail lamps at the rear.

The dip in the middle of the double wave visually pushes the car down. This enhances the stance and makes the car look sleeker and lower. The sculpted bonnet and the short overhangs front and rear also emphasise the sports car feel.

15 exterior colours
019 Black Stone
612 Passion Red
614 Ice White
481 Cosmic White metallic
487 Ember Black metallic
452 Black Sapphire metallic
492 Savile Grey metallic
426 Silver Metallic
477 Electric Silver metallic
490 Chameleon Blue metallic
498 Caspian Blue metallic
484 Seashell metallic
703 Electrum Gold metallic
704 Vibrant Copper metallic
702 Flamenco Red metallic

Exciting styling pack
A styling pack gives the V60 buyer the opportunity to boost the sporty attitude still further. Available in the accessories range, the styling pack includes skid plates front and rear, a front decor trim, side scuff plates, special exhaust tailpipes and unique 18-inch wheels. The styling pack gives the car the robust look inspired by the ruggedness of the XC60.

INTERIOR

Exclusive quality inside
Volvo’s designers obtained their inspiration from the racing track as they pursued the uncompromising sportiness inside the all-new S60. The graphic character of the racing track is clearly apparent in the instrument panel and in
the doors. Every detail looks like it's in motion. The instruments and centre stack are angled towards the driver to create a sensation of focus and control. The new dynamic three-spoke steering wheel and new sports seats with extra side supports are standard.

Scandinavian design's rationality, simplicity, clarity and functionality are all prominent in the new V60:

- The 40/20/40-split rear seat and the fold-flat front passenger seat make it possible to combine passengers and load in a remarkably flexible way. Each backrest in the three-piece rear seat is folded with exceptional ease to create an entirely flat load floor. The rear seat headrests can be folded electrically.
- The load area has been designed for maximum utilisation of each available millimetre. The 1095 millimetre wide tailgate in combination with extra space behind the wheel housings and under the load floor is an example of the systematic approach adopted to ensure generous load capacity.
- The rear seat can be specified with integrated child booster cushions in the two outer seats.

Beige and black are the main colours of the upholstery range, which is spiced up with the new highlight shade Beechwood Brown. The décor inlays are available in Charcoal, Shimmer Graphite aluminium or Urbane Wood.

New infotainment system
The V60 has an all-new infotainment system where information from the audio unit, navigation system, mobile phone and other functions is presented on a five-inch or seven-inch colour screen in the upper part of the centre console. The screen is installed high to make it easy for the driver to keep his or her eyes on the road. The driver has access to all infotainment functions via controls in the steering wheel.

Enhanced audio system
The audio experience in the V60 has been enhanced compared with previous models. The most advanced system, Premium Sound, has a class-D digital 5x130W amplifier with circuits from Sweden's AnaView, Dolby Digital in combination with Dolby Pro Logic II Surround, the award-winning MultEQ from Audyssey Laboratories and 12 loudspeakers. In addition to the top-of-the line Premium Sound, the new V60 is available with a choice of three other audio systems.

CHASSIS

Authentic sports wagon
Volvo Cars’ chassis experts have chiselled out the driving experience in the new Volvo V60 with the same passion and uncompromising approach that characterised the development of the all-new S60 sedan. The result is an authentic sports wagon with driving properties that do the sporty lines full justice. On the European market the newly developed dynamic chassis is standard, while most markets in North America and Asia will have the comfort chassis as standard with the sport variant available as an option.

The difference between the two chassis alternatives is to be found in the dampers and the front and rear sub frames. Here the comfort variant has a somewhat softer setting to give a smoother ride on poorer road surfaces.

Every detail refined
During the development process, the chassis team carved out a holistic solution featuring changes and refinements for virtually every single detail that influences a car's driving properties. This includes improved steering, stiffer springs and bushes as well as more damping than in any previous Volvo.

Modified All Wheel Drive system
The software in the AWD (All Wheel Drive) system has been modified to allow the four-wheel drive variants (four-wheel drive is standard in the T6 and optional with the D5) of the new Volvo V60 to exploit the sporty new chassis to the limit.

FOUR-C available on all variants
All variants of the new V60 can be specified with the advanced, self-adjusting FOUR-C active chassis. The FOUR-C active chassis has been modified and refined for better control and more comfortable feel compared to previous Volvos.

Advanced Stability Control
Like the all-new S60, the new V60 is fitted with Advanced Stability Control. With a new roll angle sensor, it is possible to identify any skidding tendency at a very early stage. Advanced Stability Control is a great asset in dynamic driving involving considerable lateral forces, thus improving handling and rapid avoidance manoeuvres.

Corner Traction Control for tighter cornering
Corner Traction Control is a new feature that uses torque vectoring for smoother cornering. When cornering, the car's inner driven wheel is braked at the same time as more power is transmitted to the outer driven wheel. This allows cornering more tightly while reducing any tendency to understeer.

DRIVELINE

More powerful T6 version
The T6 petrol engine has a displacement of 3.0 litres and has been improved still further, primarily thanks to lower internal friction. It now pumps out 304 hp and no less than 440 Nm of torque. At the same time, Volvo Cars' engine specialists have succeeded in cutting fuel consumption by about 10 percent to 10.2 l/100 km (EU Combined). The engine's power is delivered to the wheels via Volvo's second-generation six-speed automatic Geartronic transmission.

New direct-injected engines
The new four-cylinder 2.0 GTDi (Gasoline Turbocharged Direct Injection) engine has a displacement of two litres and produces a generous 203 hp, with 300 Nm of torque available from 1750 rpm. Fuel consumption is 8.1 l/100 km (EU Combined) with a manual gearbox and 8.3 l/100 km with the automatic.

The all-new V60 will also become available as a 2.0 GTDi variant (T5) producing 240 hp and torque of 320 Nm. Furthermore, there is a 1.6-litre GTDi engine available in two versions: 180 hp (T4) and 150 hp (T3) with torque of 240 Nm.

The 2.0T, T5 and T4 are available in combination with Volvo's automatic six-speed Powershift transmission or a six-speed manual gearbox, while the T3 comes with a manual gearbox.

Twin-turbo D5 and new 2-litre turbo diesel D3
The D5 high-performance engine with twin turbos produces 205 horsepower and 420 Nm of torque. Fuel consumption is 5.4 l/100 km (EU Combined) with the manual gearbox, putting this engine in the running for best in class. The new five-cylinder D3 is in principle the same engine as the present 2.4D, but cylinder capacity has been reduced with a shorter stroke to optimise fuel consumption. The D3 produces 163 hp and 400 Nm of torque. Fuel consumption is 5.5 l/100 km (EU Combined) with a manual gearbox and 6.1 l/100 km with the automatic.

Automatic or manual gearbox
Both turbo diesels are available with six-speed automatic transmissions or a six-speed manual gearbox. The D5 can also be specified with all-wheel drive.

DRIVe diesel
During the course of the first year of production, a DRIVe version of the new V60 will also be introduced, featuring a 1.6-litre diesel engine and CO₂ emissions below 119 g/km. The engine produces 115 bhp and 270 Nm of torque, and will only be available with a six-speed manual gearbox.

SAFETY AND SUPPORT

Pedestrian Detection with full auto brake - a world first
Pedestrian Detection with full auto brake is a groundbreaking technological solution. It can detect pedestrians who walk into the road in front of the car, warn the driver - and automatically apply full braking power if the driver does not respond in time.

In an emergency situation the driver first receives an audible warning combined with a flashing light in the windscreen's head-up display. At the same time, the car's brakes are pre-charged. If the driver does not react to the warning and an accident is imminent, full braking power is automatically applied. Pedestrian Detection with Full Auto Brake can avoid a collision with a pedestrian at speeds of up to 35 km/h if the driver does not react in time.

A range of other support for the driver
Collision Warning with Auto Brake warns and automatically brakes if the car risks hitting another vehicle from behind.

City Safety automatically brakes if the driver fails to react in time when the vehicle in front slows down or stops in low-speed urban traffic.

Driver Alert Control is a unique technology to detect and alert tired and distracted drivers.

Blind Spot Information System helps detect vehicles in the offset rear blind spot on both sides of the car.

Lane Departure Warning alerts the driver if the car runs across the lane markers without the turn indicator being used.

Adaptive Cruise Control also in slow queues
In the field of comfort, there are features such as the optional Adaptive Cruise Control (ACC), which automatically maintains a set gap to the vehicle in front. What is new is that the Adaptive Cruise Control operates at speeds below 30 km/h, all the way down to stand still.

New camera sees around corners
The V60 can naturally be equipped with parking sensors front and rear and a Park Assist camera at the rear. A camera in the front grille with a 180 field of vision is available as an option. This camera can 'see around the corner' and helps the driver negotiate blind exits and park with greater safety.
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