

2006 model year

VOLVO V70

OVERVIEW

In brief:

- Award winning 'Best Estate'.
- Class-leading, premium large estate car.
- Smart, clean Scandinavian design.
- Modern Volvo design combined with classic Volvo estate style.
- Oeko-tex standard emissions-free interior, with versatile, flat load area.
- High Volvo safety standards – fully crash tested in Volvo Safety Centre.
- Wide range of powerful engines (inc Diesel and Bi-Fuel) from 140bhp to 300bhp.
- High performance flagship model - V70 R – with 300bhp, 400Nm of torque, AWD and active Four-C chassis (Advanced, Sport and Comfort settings).
- Bi-Fuel CNG model with five cylinder, 2.4-litre petrol/gas engine.
- Higher specifications compared to most other premium brand rivals.
- Superior Sovereign Hide or bespoke 'Inscription' upholstery available.
- Healthier Oeko-Tex standard compliant, emissions-free interiors.
- Performance, High Performance or Premium sound audio systems available with Dolby Pro Logic Surround Sound, and 'digital jukebox'.
- Available in S, Sport and SE trim levels.

The award-winning Volvo V70 continues to dominate the premium large estate car market, and defines the parameters by which estate cars are judged by mixing practicality and design with quality, comfort and desirability.

Produced in both of Volvo's plants in Gothenburg, Sweden and Ghent, Belgium, the V70 echoes the design cues introduced by the Volvo S80 and subsequently continued in the XC90 and Volvo's compact Sportswagon, the V50.

Inside, the V70 is equally well designed with crisp Scandinavian style and an ergonomically efficient facia, plus room for a quintet of adults – with the option of two extra rear-facing seats in the load area.

The V70's rear seats easily and conveniently fold down to create a vast, completely flat load bay that's enhanced by clever design features, such as head restraints that neatly fold away instead of needing to be removed, plus a pop-up shopping bag holder available to keep items in place during travel.

Couple all this with an outstanding safety, security and environmental package, and it is little wonder that the Volvo V70 has achieved such critical acclaim.

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The latest, award-winning Volvo V70 was launched in 2000 and updated in 2004, and remains the market leader in the large estate car market. Building on over half a century of Volvo experience in producing estate cars, the V70 has all the qualities expected of a Volvo estate, has defined the parameters by which estate cars are judged, and also reflects the quality, design, versatility and charisma that characterises Volvo's latest models.

Design Concept

Styled under Volvo's then Director of Design, Peter Horbury, the V70 is instantly recognisable as a Volvo with a V-shaped bonnet, low grille and prominent shoulder lines that echo the acclaimed style introduced in the Volvo S80 and continued in subsequent models such as the Volvo XC90 and V50 compact Sportswagon.

The rounded curves of its side profile are a particular highlight and disguise the square, practical design of the V70's rear. The vertical tailgate is another feature synonymous with large Volvo estates and helps to provide a spacious, well-shaped load area.

Driving Dynamics

Engine	Type	Power	Torque	0-62 mph	Top speed	CO2 g/km	MPG Man/auto
2.0T	1984cc 5cyl/20v turbo	180bhp	240Nm at 1850 rpm	9.0 man 9.5 auto	137 man 130 auto	217 man 237 auto	Urban: 22.2/20.0 Extra Urban: 40.4/37.7 Combined: 31.0/28.5
2.4 (140)	2435cc 5cyl/20v	140bhp	220Nm at 3300 rpm	10.5 man 11.4 auto	127 man 124 auto	214 man 231 auto	Urban: 22.8/20.9 Extra Urban: 40.9/38.2 Combined: 31.4/29.1
2.4 (170)	2435cc 5cyl/20v	170bhp	220Nm at 4500 rpm	9.0 man 9.9 auto	137 man 134 auto	220 man 234 auto	Urban: 22.4/20.6 Extra Urban: 39.2/37.7 Combined: 30.7/28.8
2.5T	2521cc 5 cyl/20v turbo	210bhp	320Nm at 1500 rpm	7.4 man 7.8 auto	143 man 140 auto	219 man 241 auto	Urban: 21.9/19.6 Extra Urban: 39.8/36.7 Combined: 30.7/28.0
2.5T AWD	2521cc 5 cyl/20v turbo	210bhp	320Nm at 1500 rpm	7.6 man 8.0 auto	140 man 137 auto	237 man 255 auto	Urban: 20.8/19.1 Extra Urban: 36.7/34.4 Combined: 28.5/26.6
T5	2401cc 5 cyl/20v turbo	260bhp	350Nm at 2100 rpm	6.8 man 7.2. auto	155 man 152 auto	226 man 239 auto	Urban: 22.1/19.3 Extra Urban: 38.2/37.2 Combined: 29.7/28.2
R	2521cc 5cyl/20v turbo	300bhp	400Nm at 1950 rpm	5.9 man 6.9 auto	155 man 155 auto	256 man 264 auto	Urban: 22.4/20.6 Extra Urban: 39.2/37.7 Combined: 30.7/28.8
2.4D	2401cc 5cyl/20v turbo diesel	163bhp	340Nm at 1750 rpm	9.5 man 10.0 auto	130 man 130 auto	179 man 209 auto	Urban: 31.4/26.9 Extra Urban: 51.4/44.1 Combined: 41.5/35.8
D5	2401cc 5cyl/20v turbo diesel	185bhp	400Nm at 2000 rpm	8.5 man 9.0 auto	140 man 137 auto	179 man 209 auto	Urban: 31.4/26.9 Extra Urban: 51.4/44.1 Combined: 41.5/35.8
D5 AWD	2401cc 5cyl/20v turbo diesel	185bhp	400Nm at 2000 rpm	8.9 man 9.5 auto	134 man 130 auto	194 man 219 auto	Urban: 28.8/25.9 Extra Urban: 47.9/41.5 Combined: 38.7/34.0
Bi-Fuel	2435cc 5cyl, 20v CNG: Petrol:	140bhp	192Nm at 4500 rpm	11.0 man 11.9 auto	127 man 124 auto	169 man 183 auto	Urban: 21.6/19.3 Extra Urban: 38.7/36.7 Combined: 30.1/27.4
		140bhp	220Nm at 3300 rpm	10.5 man 11.4 auto	127 man 124 auto	215 man 240 auto	Urban: 22.8/20.2 Extra Urban: 40.9/36.2 Combined: 31.4/28.2

A broad range of engines ensures there's a Volvo V70 to suit every customer. The petrol engine line-up consists of five-cylinder transverse configurations, ranging from a 2.0T petrol engine offering 180bhp and a 140bhp 2.4-litre to the latest 260bhp T5 and the awesome 300bhp of the 2.5-litre V70 R.

In addition, there is a 210bhp 2.5T (also available with All Wheel Drive) and Volvo's two new turbo-diesel engines: the 2.4D with 163bhp/340Nm and D5 with 185bhp/400Nm. Both diesel engines were introduced for the 2006 model year following extensive modifications to enhance power delivery, refinement, performance and emissions, compared to Volvo's previous D5 unit.

Both diesels are fitted with a diesel particulate filter with oxidising coating as standard, with six-speed manual transmissions, or Volvo's new (optional) six-speed Geartronic, plus the latest common rail direct injection technology to combine generous amounts of torque - 340Nm at 1,750rpm for the 2.4D, while the new D5 generates as much as the V70 R with 400Nm from 2,000rpm.

Another interesting engine choice for the range is the 2.4 litre Bi-Fuel, which underlines Volvo's commitment to alternative fuels and the environment. Built on the same production line as the rest of the range, fully crash tested and with the usual Volvo Car UK three year warranty, the Bi-Fuel is available to run on either petrol or cheaper, cleaner gas (CNG). Its gas tanks are invisible from sight under the luggage compartment and do not impose on loading space, while there is a smaller petrol tank as the reserve fuel.

The Bi-Fuel engine produces lower and cleaner emissions when running on gas, and smoothly switches between either fuel source at the touch of button. Apart from fuel cost savings (especially for Companies that 'bunker' their own fuel), once registered, Bi-Fuel models are exempt from paying London's Congestion Charge.

Service intervals for all V70 models were extended for the 2006 model year. The S60 R and the Bi-Fuel models have increased from 12,000 to 12,500 miles, or one year, while the rest of the models increased to 18,000 miles, or one year (whichever comes first).

The Volvo V70's ride and handling belies the view that choosing an estate car means sacrificing driving pleasure. MacPherson strut front suspension and a sophisticated Multi-link system at the rear provide an entertaining drive with a high level of active safety.

An optional Sports Handling pack is available offering larger 18in alloy wheels, speed dependent steering and Volvo's advanced Four-C (Continuously Controlled Chassis Concept) active chassis, with a choice of two dynamic chassis modes: Comfort and Sport.

The Four-C system continuously analyses huge amounts of information up to 500 times a second and responds instantly by adjusting each of the Monroe-Öhlins shock absorbers

individually to suit the road and driving conditions. It also interacts with the DSTC (Dynamic Stability and Traction Control) system – the engine brakes, steering and other functions – to maximise response and handling. This all happens quickly and smoothly, and it will also automatically step in to help control the car in an emergency situation no matter which chassis mode is currently selected.

The Four-C active performance chassis is standard on the range-topping Volvo V70 R, with the choice of a third suspension setting – Advanced, as well as Sport and Comfort. This model, like the Volvo XC90, V70 AWD and XC70, also features All Wheel Drive with Instant Traction™ electronically controlled by a pre-charged Haldex coupling.

Versatile Design

The key to the success of any estate car, though, is its versatility, and the Volvo V70 does not disappoint. The passenger compartment offers plenty of space for five adults plus the option of two rear facing seats in the loadspace. The fascia is an ergonomic masterpiece and uses classical clean and simple Scandinavian design. Naturally, the luggage bay is vast, flat and well shaped. The front passenger seat also folds forward to accommodate items up to 3.05m long.

Great design touches include split folding rear seats (60/40) with two positions for the seat backs, rear head restraints that simply fold away rather than needing to be clumsily removed, and a grocery bag holder to keep shopping in place and upright during travel. Many variants also feature a waste bag holder/bottle holder for rear passengers and it's even possible to specify integrated booster seats for both outer rear seats, and a folding table or child seat that pops out of the centre rear armrest.

There's little wonder that the Volvo V70 has won an array of awards, including being named as *What Car?* magazine's 'Estate Car of the Year' several years running.

Quality and equipment

The V70 is available with S, Sport and SE trim levels – all usually offering better standard specifications and value than other premium brand rivals.

The standard specification of the 'S' model includes:

- Alarm with immobiliser
- ECC (Electronic Climate Control) with AQS (Air Quality System) and pollen filter
- Information system
- Steering wheel remote audio controls

- Performance sound system with 4x25w amplifier and 6 speakers
- 16in alloy wheels
- Dynamic chassis
- Front fog lights
- DSTC (Dynamic Stability and Traction Control) with EBA
- Key-integrated remote control central locking with deadlocking system

A high level of luxury equipment is fitted as standard to every model, including Electronic Climate Control with Volvo's Air Quality System (AQS), alloy wheels, a performance audio system with CD player and at least six speakers, plus information centre, fog lights and DSTC (Dynamic Stability and Traction Control).

For added style, the Sport model gains:

- Body-coloured lower bumpers and side mouldings
- Rear spoiler
- Larger 17in alloy wheels
- Sports leather/textile upholstery
- Aluminium inlays
- 'Spaceball' gear lever for manual transmission
- Water repellent door mirror glass
- Electric folding door mirrors with ground lights
- Automatic windscreen wiper activation
- Autodimming rear view mirror
- Grocery bag holder

In addition, upgrading to the enhanced SE specification offers:

- Electric driver's seat (with memory) and door mirror memory
- Sports leather upholstery
- High-performance audio system with 6 x CD and Dolby Pro Logic II Surround Sound with nine speakers and 4x50w amplifier
- Chrome trim in front and rear bumper mouldings

For further style and desirability, a comprehensive range of optional items includes Bi-Xenon headlights, heated seats, integrated telephone and Volvo's RTI satellite navigation system now with TMC (Traffic Message Channel) that warns of traffic problems ahead and can even re-route the driver, if required.

Volvo offers two stylish ways to further upgrade the interior of the V70:

- Superior 'Sovereign Hide' soft leather upholstery is available on Sport and SE models, or as part of the Premium pack, and comes in off-black or linen white colours.
- Volvo 'Inscription', launched for the 2006 model year, opens a whole new colourful world of interior sophistication with a collection of bespoke, exclusively designed interiors. Soft 'semi Aniline' leather upholstery, with ribbed inserts on the seats, comes from the finest hides and is available in a kaleidoscope of eight exciting colour combinations for the seats and door panels. It also includes a soft leather sports steering wheel and Nubuck trimmed floor mats with contrasting piping.

Safety

As you'd expect, the Volvo V70 is also packed with the latest safety features, which it shares with the rest of the Volvo range. Volvo's acclaimed SIPS (Side Impact Protection System) and WHIPS (Whiplash Protection System) are complemented by twin front 'intelligent' dual-stage airbags (with the option of a passenger airbag cut-off switch), three-point safety belts with tensioners for all five occupants, and an Inflatable Curtain (IC) to protect against head injuries in a side impact.

In addition, Volvo offers a passenger airbag cut-off switch to enable child seats to be carried in the front of the car. Integrated booster seats are available for the rear seats, as well as ISOFIX mounting points.

To improve the driver's visibility and avoid accidents, water repellent glass is available on door mirrors and (laminated) side windows.

Environment

Volvo's 'clean inside and out' environmental programme reflects its continuing commitment to the environment. Its plants are some of the automotive world's cleanest factories, and 85 per cent of each car can be recycled, plus every new Volvo is backed by an EPI (Environmental Product Information) which is available at www.volvocars.com/epi. Volvo also produces an annual Corporate Citizenship report, available on www.volvocars.com/citizenship.

Like all Volvos, the V70's interior is free from allergy inducing emissions, and an active carbon filter ensures dust and exhaust particles do not enter the cabin, while an Air Quality System (AQS) shuts down the air input if outside air is too dirty.

All the five cylinder petrol engines in the Volvo V70 range are available with Volvo's PremAir® - a special catalytic coating on the radiator which converts up to 75 per cent of the harmful

ground-level ozone passing through it into pure oxygen. In addition, they already meet the stringent EU 2005 emissions requirements.