

VOLVO S60

# PRESS INFORMATION



## **PRESS INFORMATION**

# **UK overview, prices and specification 2005 model year S60, V70 and XC70**

### **2005 model year enhancements:**

Although the model line-up stays the same for 2005 S60, V70 and XC70 ranges, UK models have over 3,500 new parts, a performance upgrade to the T5 engine (S60 and V70) and the following internal and external design touches are introduced as well as quality, performance, convenience and safety enhancements.

### **INTERIOR AND EXTERIOR**

The interior and exterior of the S60, V70 and XC70 have received extensive yet sometimes subtle changes to freshen and distinguish the 2005 model range, including convenience and quality enhancements:

#### **Exterior:**

- **New Bumpers and Grille:** All models receive a subtly revised front section.
  - **S60:** new mesh grille with a lower, larger and more dominant chrome frame; revised front and rear bumpers
  - **V70:** new, more three-dimensional, elegant 'waterfall' grille and slightly angled rearwards to match the headlamps;
  - **XC70:** new, bolder 'large mesh' grille similar to XC90 with a bright frame and dark silver inner, plus larger front and rear skid plates. The XC70 also has a new bumper colour ('Stone Grey') which will be available as an alternative to the brown bumper, wheel arch and lower side mouldings on certain body colours.

- **Model differentiation:** There will be more noticeable differentiation between S, Sport and SE models in the S60 and V70 ranges with the introduction of fully body-coloured bumpers, spoilers and lower side and door mouldings for Sport and SE models – rather than black. In addition, the SE models are further distinguished with the addition of chrome inserts on front and rear bumpers.
- **New light cluster mouldings with clear lenses:** Apart from obvious exterior changes such as new paint colours and alloy wheels across the range, there are also more subtle changes such as new clear lenses and light cluster mouldings for rear lights and front headlamps which now have (lighter) plastic lenses for better chip-resistance while a pressure-jet wash system replaces the former wash-wipe.

#### **Interior:**

- **New Trim:** There is a new, improved finish for the aluminium trim, while the wood-effect option has been deleted in favour of real walnut wood inlays from the walnut forests of northern California for S60, V70 and XC70.
- **Centre Dashboard:** All models gain a new design for the central part of the dashboard for better quality fit and finish. Aluminium, black mesh or real wood trim (where available) is now fitted more extensively and now surrounds the centre section of the dashboard.
- **Centre Tunnel Console and Arm Rest:** The design of the tunnel section around the gear lever and between the front seats is also improved with more extensive use of aluminium, black mesh or real wood trim (where fitted) with a new roll-top and design for the central storage area (not XC70), plus a new, multi-functional armrest that doubles as a tray and cup holder.
- **New Audio Units:** The design of the audio systems has been improved to make them simpler to operate and to bring them in line with the XC90 and the all-new S40 and V50. Source buttons have been added for FM, AM and CD with six direct access station selectors also added. The integral CD changer on SE models now takes six CDs instead of four.

- **Noise Reduction:** Improved sound insulation reduces road noise by up to 2dB.
- **New Upholstery:** A softer, top level 'Sovereign Hide' luxury leather upholstery is introduced as an option for all S60 and V70 models. Meanwhile, S60 Sport models also have a new modern and sporty 'Nordberg' upholstery with leather/textile-rubber; while V70 Sport upholstery is replaced with a modern, cool leather/Silverweft finish, Vestborg.
- **New-Generation Volvo Front Seats:** A new design to improve the adjustability and ease of use of Volvo front seats is introduced for 2005 models. The height span is also improved (by up to 12mm), while new controls are smoother and lighter to use. In addition, head restraints are slimmer to improve the forward view for rear passengers.
- **Cloth on A-pillars and Sun Visors:** A-pillars and sun visors are now trimmed in cloth for an improved quality feel.
- **Improved Door Handles:** The quality and rigidity of the door handles have been improved to give a better feel and be more user-friendly.
- **Less Reflection:** The quality of the dashboard material is improved with a deeper grain and more matt finish, reducing windscreen reflections by up to 50 per cent.

#### **Ride, handling and engines**

- **2nd Generation Four-C Active Chassis:** Already available in the S60 R, V70 R and S80, Volvo's Four-C chassis has received additional refinements and is now introduced as an option for the S60, V70 and XC70 ranges for 2005, with further enhancements for the high performance R models.

The Four-C system enables drivers to choose between chassis settings – Comfort and Sport – to give a pronounced difference in handling and steering characteristics with individual settings for S60 (more sporting), V70 (more touring comfort) and XC70 (tuned for off-road and on-road).

The Comfort setting gives higher levels of comfort but with low body movement, while in Sport the ride becomes firmer with a high level of road feel and feedback. The system also includes load compensating suspension for improved stability at all speeds and when towing.

Driving characteristics for the S60 R and V70 R models have also been improved with Comfort and Sport settings better tuned for UK road surfaces using higher damping speeds to handle bigger road disturbances, while the Comfort setting is improved with maintained road feel and body control. Full details of the R models will be released in summer 2004.

- **Extended Service Intervals:** Service intervals for all S60, V70 and XC70 5-cylinder petrol engines have been increased from 12,000 to 18,000 miles.
- **Power and Torque Increased for T5:** The T5 engine in the S60 and V70 increases slightly in size from 2.3 to 2.4-litres and has been tweaked to give sportier throttle characteristics and engine response, better low-end torque and improved fuel consumption. Although power has increased modestly from 250bhp to 260bhp with torque of 350Nm instead of 330Nm, its delivery at lower engine speeds (with 280Nm available at 1,800rpm) and across the rev range makes the power more useable. 0-62mph for the S60 T5 improves from 6.8 seconds to 6.5, while larger front disc brakes and callipers also improve braking performance. A six-speed manual gearbox in addition to Geartronic is now available for T5 models, and a revised 'Space Ball' gear lever is now available in the V70 as well as the S60.
- **Upgraded chassis (V70 D5 and 2.4):** V70 models with the D5 diesel and 2.4 petrol engines receive a chassis upgrade for improved ride and handling.
- **Speed-dependent power steering** is now also available on D5 and Bi-Fuel models (S60 and V70).

## Convenience

Apart from extended service intervals for five-cylinder petrol engines, 2005 S60, V70 and XC70 customers will also benefit from the added convenience of the following detail improvements:

- **Park assist:** Rear park assist is now a factory fitted option, while a new front park assist facility is now available as a dealer-fit accessory.
- **Rain sensor:** Following customer feedback, the automatic rain sensor wipers fitted to some models has been improved with a separate on/off switch. The functionality of the system has also been improved, so that, for instance, you can do a single 'flick' stroke with the rain sensor still on.
- **Auto-up front passenger window:** The front passenger electric window gains the auto-up function, like the driver's (S60, V70 and XC70).
- **Larger washer reservoir:** S60, V70 and XC70 drivers with the optional headlamp washer system will have to stop less often to refill the washer reservoir as its capacity has increased from 4.5 to 6.4 litres (not S60 R or V70 R).
- **Other interior convenience items** such as a new centre console and improved audio units are covered in the Interior section.

## Safety

- **BLIS: (Blind Spot Information System)** Previewed as a Volvo safety innovation at the Detroit Auto Show in January 2004, Volvo is now introducing BLIS for the first time on production cars (from late 2004). The system works at speeds above 10km/h and is designed to improve driver vision, by providing as much information as possible to make safer decisions when changing lanes. It uses digital camera technology mounted in the door mirror to monitor any surrounding traffic within 3m of each side of and up to 9.5m behind the car. If the system detects traffic in this area it illuminates an amber light on the A-pillar by the door mirror to warn the driver. The warning lamp is triangular to represent a warning symbol and located so it is only seen when the driver needs to check mirrors before any manoeuvre, rather than when looking straight ahead. A button on the dashboard enables the system to be turned on and off, if desired.

- **WRG:** Water Repellent Glass for side windows and door mirrors. To improve visibility when driving in rain, a hydrophobic surface treatment on the front side windows turns water into small beads which the airflow will blow away, leaving the window clear. A small symbol on the glass illustrates the car is fitted with WRG.
- **PACOS:** For added customer convenience, a Passenger Airbag Cut-Off Switch is introduced for the first time in a Volvo. This is controlled by using the ignition key in a switch on the side of the passenger side dashboard, and illustrated by a warning symbol in the rear view mirror.
- **Flat Blade** windscreen wipers also help improve the driver's vision. They are a development of traditional wipers, with the flexor and blade integrated with a spoiler to give a uniform pressure, and work more effectively – particularly in wintry conditions, reduce wind noise, as well as looking cleaner and more modern.

## UK SPECIFICATIONS

### S60:

2005 specification improvements in **bold**:

(note: S60 R details to be released June 04)

S60 S	S60 Sport	S60 SE
ECC + AQS (Air Quality System)	S spec, plus:	S spec, plus:
16in Mimas alloys	Space Ball gearshift	Power driver seat (memory)
1 x CD, 100w audio system	Rear spoiler	6 x CD, Dolby Pro-Logic II with surround sound, 225w system
Leather covered steering wheel	Cruise control	Sports leather upholstery
Steering wheel controls for audio	Aluminium trim	Auto dimming rear view mirror
Alarm and immobiliser	17in <b>Orpheus</b> Alloys	Grocery bag holder
Electric windows front and rear	<b>Nordborg</b> Leather/	Rear waste bag/bottle holder
Sports chassis	Textile sports upholstery	Cruise control
<b>Manganite trim</b>	<b>Water repellent mirror glass</b>	Aluminium trim
<b>DSTC (Dynamic Stability and Traction Control)</b>	<b>Auto dimming rear view mirror</b>	17in <b>Orestes</b> alloys
<b>Information centre</b>	<b>Grocery bag holder</b>	<b>Rain sensor – auto wipers</b>
<b>Front fog lights</b>	<b>Rear waste bag/bottle holder</b>	<b>Folding door mirrors</b>
<b>Illuminated vanity mirrors</b>	<b>Rain sensor – auto wipers</b>	<b>Water repellent mirror glass</b>
	<b>Folding door mirrors</b>	<b>Colour co-ordinated bumpers, side sills and mouldings with chrome inlays</b>
	<b>Colour co-ordinated bumpers, side sills and mouldings</b>	
Value of added specification: £820	Value of added specification: £1,035	Value of added specification: £555

**S60 Option packs:**(new features for 2005 in **bold**)

<b>Winter</b> <b>£350</b>	<b>Family</b> <b>£175</b>	<b>Sports Handling</b> <b>S, £2,275</b>	<b>Premium</b> <b>£1,800</b>	<b>Comms1</b> <b>£2,650</b>
Headlamp wash	Rear sun curtain	<b>Sport, SE, £2,100</b>	Electric folding rear headrests	Integrated phone
Luxury floor mats	Integrated child seat (rear armrest)	18in Nebula (BBS) split rim alloys	Electric passenger seat	RTI Navigation with Europe DVD
Heated front seats		Speed dependent steering		Volvo On Call
<b>Bi-Xenon</b> <b>£850</b>		<b>FOUR-C active chassis</b>	<b>Walnut wood trim</b>	<b>Comms 2</b> <b>£3,050</b>
Luxury floor mats			<b>Heated front seats</b>	Integrated phone
Headlamp wash			<b>Luxury floor mats</b>	RTI Navigation with Europe DVD
Bi-Xenon lights			<b>Bi-Xenon lights</b>	Volvo On Call
Heated seats			<b>Headlamp washers</b>	TV Tuner
			<b>Premium, 325w sound system</b>	

**V70:**2005 specification improvements in **bold**:

(note: V70 R details to be released June 04)

<b>V70 S</b>	<b>V70 Sport</b>	<b>V70 SE</b>
ECC + AQS (Air Quality System)	S spec, plus:	S spec, plus:
16in Mimas alloys	Space Ball gearshift	Power driver seat (memory)
DSTC	Rear spoiler	6 x CD, Dolby Pro-Logic II with surround sound, 225w system
1 x CD, 100w audio system	Aluminium trim	Sports leather upholstery
Leather covered steering wheel	17in <b>Orpheus</b> Alloys	Auto dimming rear view mirror
Steering wheel controls for audio	<b>Vestborg</b> Leather/Textile sports upholstery	Grocery bag holder
Alarm and immobiliser	<b>Water repellent mirror glass</b>	Rear waste bag/bottle holder
Electric windows front and rear	<b>Auto dimming rear view mirror</b>	Aluminium trim
Information centre	<b>Grocery bag holder</b>	17in <b>Orestes</b> alloys
Cruise control	<b>Rear waste bag/bottle holder</b>	Rain sensor – auto wipers
Roof rails (NCO)	<b>Rain sensor – auto wipers</b>	<b>Folding door mirrors</b>
<b>Manganite trim</b>	<b>Folding door mirrors</b>	<b>Water repellent mirror glass</b>
<b>Front fog lights</b>	<b>Colour co-ordinated bumpers, side sills and mouldings</b>	<b>Colour co-ordinated bumpers, side sills and mouldings with chrome inlays</b>
<b>Illuminated vanity mirrors</b>		
<b>Front anti-roll bars (2.4, D5)</b>		
Value of added specification: £200	Value of added specification: £770	Value of added specification: £330



**V70 Option packs:**(new features for 2005 in **bold**)

<b>Winter</b> <b>£350</b>	<b>Family</b> <b>£300</b>	<b>Sports Handling</b> <b>S, £2,275</b>	<b>Premium</b> <b>£1,800</b>	<b>Comms1</b> <b>£2,650</b>
Headlamp wash	Integrated booster	<b>Sport, SE, £2,100</b>	Electric passenger seat	Integrated phone
Luxury floor mats	cushions (x 2)	18in Nebula (BBS)	<b>Walnut wood trim</b>	RTI Navigation with
Heated front seats	Power child locks	with split rim alloys	<b>Heated front seats</b>	Europe DVD
	Folding table and	Speed dependent	<b>Luxury floor mats</b>	Volvo On Call
<b>Bi-Xenon</b> <b>£850</b>	dual cupholder in	steering	<b>Bi-Xenon lights</b>	<b>Comms 2</b> <b>£3,050</b>
Luxury floor mats	rear armrest	<b>FOUR-C active</b>	<b>Headlamp washers</b>	Integrated phone
Headlamp wash		<b>chassis</b>	<b>Premium, 325w sound system</b>	RTI Navigation with
Bi-Xenon lights				Europe DVD
Heated seats				Volvo On Call
				TV Tuner

**XC70:**2005 specification improvements in **bold**:**XC70 SE**

16in **Erinys** alloys  
 ECC + AQS (Air Quality System)  
 Leather upholstery  
 Leather steering wheel  
 6 x CD, 225w audio system with Dolby Pro-Logic II  
 Illuminated vanity mirrors  
 Auto dimming rear view mirror  
 Aluminium trim  
 Grocery bag holder  
 Rear waste bag/bottle holder  
 Electric driver's seat with memory  
 Front fog lights  
**Folding door mirrors**  
**Water repellent door mirror**  
**Rain sensor – auto wipers**

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Value of added specification:  
 £395

**XC70 SE Lux**

SE specification, plus:  
 Electric passenger seat  
 Headlamp washers  
 Heated front seats  
**Premium 325w Sound system**  
**with Dolby Pro-Logic II with surround sound**  
**Walnut wood trim**  
**Bi-Xenon headlamps with wash**

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Value of added specification:  
 £975  
 Value of deleted specification:  
 £2650 (communications pack)

**XC70 Option packs:**

Winter £290	Bi-Xenon £850	Family £410	Comms 1 £2,650	Comms 2 £3,050
Headlamp washers	Winter pack, plus	Integrated booster	Integrated phone	Integrated phone
Heated front seats	Bi-Xenon head-	cushions (x 2)	RTI Navigation with	RTI Navigation with
	lamps	Power child locks	Europe DVD	Europe DVD
		Rear cupholders	Volvo On Call	Volvo On Call
		and foldable table		TV tuner
		40/20/40 rear seat		

**2005 model year Prices (on the road):**

(Note: R prices to be released June 04)

S60		S		Sport		SE	
2.0T	£19,995	(no change)	£21,845	(+£450)	£22,495	(+£287)	
2.5T	£22,178	(no change)	£24,028	(+£965)	£24,678	(+£650)	
T5	n/a	(n/a)	£26,113	(n/a)	£26,763	(+£450)	
D5	£21,263	(+£370)	£23,113	(+£820)	£23,763	(+£670)	
Bi-Fuel LPG	£21,193	(+£370)	n/a	n/a	£23,693	(+£920)	
Bi-Fuel CNG	£21,958	(+£370)	n/a	n/a	£24,458	(+£920)	

V70		S		Sport		SE	
2.4 (140 bhp)	£22,278	(no change)	£24,128	(+£450)	£24,778	(+£400)	
2.4 (170 bhp)	£23,678	(no change)	£25,528	(+£450)	£26,178	(+£400)	
2.0T	£24,043	(no change)	£25,893	(+£450)	£26,543	(+£400)	
2.5T	£25,878	(no change)	£27,728	(+£450)	£28,378	(+£700)	
2.5T AWD	£27,013	(no change)	£28,863	(+£450)	£29,513	(+£700)	
T5	n/a	(n/a)	£28,428	(n/a)	£30,278	(+£450)	
D5	£24,038	(no change)	£25,888	(+£450)	£26,538	(+£400)	
D5 AWD	£25,183	(+£5)	£27,033	(+£455)	£27,683	(+£405)	
Bi-Fuel LPG	£24,523	(no change)	n/a	n/a	£27,023	(+£625)	
Bi-Fuel CNG	£25,303	(no change)	n/a	n/a	£27,803	(+£625)	

XC70		SE		SE Lux	
2.5T manual	£29,463	(+£535)	£31,013	(-£415)	
2.5T G'tronic	£30,713	(+£535)	£32,263	(-£415)	
D5 manual	£27,933	(+£535)	£29,483	(-£415)	
D5 G'tronic	£29,183	(+£535)	£30,733	(-£415)	

## UK MARKET OVERVIEW

### S60

Total sales 2003: 7,737

Diesel share: 57.7%

The S60 maintained its strong performance in the Compact Executive saloon sector in 2003 with 7,737 sales representing 2.1 per cent of that market. It was Volvo's second best selling model in the UK last year, representing 20 per cent of total sales.

The star performer in the S60 range was the D5. The Volvo 2.4-litre, five-cylinder, common-rail diesel accounted for 4,462 units, representing 57.7 per cent of S60 sales in 2003, an increase of 17.1 per cent over 2002.

A new Sport model joined the S60 range between the S and SE models in Spring 2004, and continues into the 2005 model year range.

The S60, launched in 2000, fits between the all-new S40 and S80 saloons and is produced in Volvo's factory in Ghent, Belgium.

### V70

Total sales 2003: 8,089

Diesel share: 56.3%

The V70 was Volvo's best-selling model in 2003, representing 21 per cent of total sales. It also continued its reign as the number one, best selling estate in 2003 with 36.7 per cent of the large estate market with a clear margin over nearest rivals the Audi A6, Mercedes E-class, Saab 9-5 and BMW 5-series. The V70 was also the number one diesel large estate, with Volvo's D5 engine accounting for 56.3 per cent of V70 sales, or 4,555 cars – an increase of 14.6 per cent over 2002.

Earlier in 2004, a new Sport model joined the V70 range between the S and SE models, and production started of the D5 engine with a six-speed manual gearbox for the V70 AWD, which continues in the 2005 model year range.

The V70 was launched in 2000 and is produced at Volvo's Torslanda factory in Gothenburg, Sweden.

**XC70**

Total sales 2003: 1,164

Diesel share: 80.4%

Sales of the All-Wheel Drive XC70 flourished in 2003 and increased by 37.6 per cent to 1,164 units, ahead of its other key premium brand AWD rival, the Audi Allroad. Not surprisingly, with the introduction of Volvo's D5 engine alongside the petrol 2.5T option in 2003, the diesel share of XC70 sales shot up dramatically by 286 per cent to 936 cars, representing 80.4 per cent of total XC70 sales.

In total, XC70 sales accounted for three per cent of Volvo's sales in the UK last year, but if considered in addition to V70 sales, put Volvo in an even more dominant position in the estate car market.

In 2004, the D5 engine became available with a six-speed manual transmission, and this combination will continue, along with the Geartronic option, for 2005 models.

The XC70 is produced at Volvo's Torslanda factory in Gothenburg, Sweden.

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The descriptions and data contained in this press material (release) apply to the international model range of Volvo Car Corporation. Specifications may vary from country to country and change without notice.

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- **Auto-up front passenger window:** The front passenger electric window gains the auto-up function, like the driver's.
- **Larger washer reservoir:** S60 drivers with the optional headlamp washer system will have to stop less often to refill the washer reservoir as its capacity has increased from 4.5 to 6.4 litres (not S60 R).



## Safety

- **BLIS: (Blind Spot Information System)** Previewed as a Volvo safety innovation at the Detroit Auto Show in January 2004, Volvo is now introducing BLIS for the first time on production cars (from late 2004). The system works at speeds above 10km/h and is designed to improve driver vision, by providing as much information as possible to make safer decisions when changing lanes. It uses digital camera technology mounted in the door mirror to monitor any surrounding traffic within 3m of each side of and up to 9.5m behind the car. If the system detects traffic in this area it illuminates an amber light on the A-pillar by the door mirror to warn the driver. The warning lamp is triangular to represent a warning symbol and located so it is only seen when the driver needs to check mirrors before any manoeuvre, rather than when looking straight ahead. A button on the dashboard enables the system to be turned on and off, if desired.
- **WRG: Water Repellent Glass** for side windows and door mirrors. To improve visibility when driving in rain, a hydrophobic surface treatment on the front side windows turns water into small beads which the airflow will blow away, leaving the window clear. A small symbol on the glass illustrates the car is fitted with WRG.
- **PACOS:** Following added customer convenience, a Passenger Airbag Cut-Off Switch is introduced as an option for the first time in a Volvo. This is controlled by using the ignition key in a switch on the side of the passenger side dashboard, and illustrated by a warning symbol in the rear view mirror.
- **Flat Blade** windscreen wipers also help improve the driver's vision. They are a development of traditional wipers with the flexor and blade integrated with a spoiler to give a uniform pressure and work more effectively – particularly in wintry conditions, reduce wind noise, as well as looking cleaner and more modern.

**UK specifications:****S60: 2005 specification improvements in bold:**

(note: S60 R details to be released June 04)

<b>S60 S</b>	<b>S60 Sport</b>	<b>S60 SE</b>
ECC + AQS (Air Quality System)	S spec, plus:	S spec, plus:
16in Mimas alloys	Space Ball gearshift	Power driver seat (memory)
1 x CD, 100w audio system	Rear spoiler	6 x CD, Dolby Pro-Logic II with surround sound, 225w system
Leather covered steering wheel	Cruise control	Sports leather upholstery
Steering wheel controls for audio	Aluminium trim	Auto dimming rear view mirror
Alarm and immobiliser	17in <b>Orpheus</b> Alloys	Grocery bag holder
Electric windows front and rear	<b>Nordborg</b> Leather/	Rear waste bag/bottle holder
Sports chassis	Textile sports upholstery	Cruise control
<b>Manganite trim</b>	<b>Water repellent mirror glass</b>	Aluminium trim
<b>DSTC (Dynamic Stability and Traction Control)</b>	<b>Auto dimming rear view mirror</b>	17in <b>Orestes</b> alloys
<b>Information centre</b>	<b>Grocery bag holder</b>	<b>Rain sensor – auto wipers</b>
<b>Front fog lights</b>	<b>Rear waste bag/bottle holder</b>	<b>Folding door mirrors</b>
<b>Illuminated vanity mirrors</b>	<b>Rain sensor – auto wipers</b>	<b>Water repellent mirror glass</b>
	<b>Folding door mirrors</b>	<b>Colour co-ordinated bumpers, side sills and mouldings with chrome inlays</b>
	<b>Colour co-ordinated bumpers, side sills and mouldings</b>	
Value of added specification:	Value of added specification:	Value of added specification:
£820	£1,035	£555

**S60 Option packs:**

(new features for 2005 in bold)

<b>Winter</b>	<b>Family</b>	<b>Sports Handling</b>	<b>Premium</b>	<b>Comms1</b>
<b>£350</b>	<b>£175</b>	<b>S, £2,275</b>	<b>£1,800</b>	<b>£2,650</b>
Headlamp wash	Rear sun curtain	<b>Sport, SE, £2,100</b>	Electric folding rear headrests	Integrated phone
Luxury floor mats	Integrated child seat (rear armrest)	18in Nebula (BBS) split rim alloys	Electric passenger seat	RTI Navigation with Europe DVD
Heated front seats		Speed dependent steering	<b>Walnut wood trim</b>	Volvo On Call
<b>Bi-Xenon</b>		<b>FOUR-C active chassis</b>	<b>Heated front seats</b>	<b>Comms 2</b>
<b>£850</b>			<b>Luxury floor mats</b>	<b>£3,050</b>
Luxury floor mats			<b>Bi-Xenon lights</b>	Integrated phone
Headlamp wash			<b>Headlamp washers</b>	RTI Navigation with Europe DVD
Bi-Xenon lights			<b>Premium, 325w sound system</b>	Volvo On Call
Heated seats				TV Tuner

**2005 model year Prices (on the road):**

(Note: R prices to be released June 04)

<b>S60</b>		<b>S</b>		<b>Sport</b>		<b>SE</b>	
2.0T	£19,995	(no change)	£21,845	(+£450)	£22,495	(+£287)	
2.5T	£22,178	(no change)	£24,028	(+£965)	£24,678	(+£650)	
T5	n/a	(n/a)	£26,113	(n/a)	£26,763	(+£450)	
D5	£21,263	(+£370)	£23,113	(+£820)	£23,763	(+£670)	
Bi-Fuel LPG	£21,193	(+£370)	n/a	n/a	£23,693	(+£920)	
Bi-Fuel CNG	£21,958	(+£370)	n/a	n/a	£24,458	(+£920)	

**UK Market Overview****S60**

Total sales 2003: 7,737

Diesel share: 57.7%

The S60 maintained its strong performance in the Compact Executive saloon sector in 2003 with 7,737 sales representing 2.1 per cent of that market. It was Volvo's second best selling model in the UK last year, representing 20 per cent of total sales. The star performer in the S60 range was the D5. The Volvo 2.4-litre, five-cylinder, common-rail diesel accounted for 4,462 units, representing 57.7 per cent of S60 sales in 2003, an increase of 17.1 per cent over 2002.

A new Sport model joined the S60 range between the S and SE models in Spring 2004, and continues into the 2005 model year range.

The S60, launched in 2000, fits between the all-new S40 and S80 saloons and is produced in Volvo's factory in Ghent, Belgium.

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## PRESS INFORMATION

# UK prices and specification 2005 model year S60

### S60 specifications (UK):

S60: 2005 specification improvements in **bold**:  
(note: S60 R details to be released June 04)

#### S60 S

ECC + AQS (Air Quality System)  
16in Mimas alloys  
1 x CD, 100w audio system  
Leather covered steering wheel  
Steering wheel controls for audio  
Alarm and immobiliser  
Electric windows front and rear  
Sports chassis  
**Manganite trim**  
**DSTC (Dynamic Stability and Traction Control)**  
**Information centre**  
**Front fog lights**  
**Illuminated vanity mirrors**

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Value of added specification:  
£820

#### S60 Sport

S spec, plus:  
Space Ball gearshift  
Rear spoiler  
Cruise control  
Aluminium trim  
17in **Orpheus** Alloys  
**Nordborg** Leather/  
Textile sports upholstery  
**Water repellent mirror glass**  
**Auto dimming rear view mirror**  
**Grocery bag holder**  
**Rear waste bag/bottle holder**  
**Rain sensor – auto wipers**  
**Folding door mirrors**  
**Colour co-ordinated bumpers, side sills and mouldings**

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Value of added specification:  
£1,035

#### S60 SE

S spec, plus:  
Power driver seat (memory)  
6 x CD, Dolby Pro-Logic II with surround sound, 225w system  
Sports leather upholstery  
Auto dimming rear view mirror  
Grocery bag holder  
Rear waste bag/bottle holder  
Cruise control  
Aluminium trim  
17in **Orestes** alloys  
**Rain sensor – auto wipers**  
**Folding door mirrors**  
**Water repellent mirror glass**  
**Colour co-ordinated bumpers, side sills and mouldings with chrome inlays**

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Value of added specification:  
£555

**S60 Option packs:**(new features for 2005 in **bold**)

<b>Winter</b> <b>£350</b>	<b>Family</b> <b>£175</b>	<b>Sports Handling</b> <b>S, £2,275</b>	<b>Premium</b> <b>£1,800</b>	<b>Comms1</b> <b>£2,650</b>
Headlamp wash	Rear sun curtain	<b>Sport, SE, £2,100</b>	Electric folding rear headrests	Integrated phone
Luxury floor mats	Integrated child seat (rear armrest)	18in Nebula (BBS) split rim alloys	Electric passenger seat	RTI Navigation with Europe DVD
Heated front seats		Speed dependent steering	<b>Walnut wood trim</b>	Volvo On Call
<b>Bi-Xenon</b> <b>£850</b>		<b>FOUR-C active chassis</b>	<b>Heated front seats</b>	<b>Comms 2</b> <b>£3,050</b>
Luxury floor mats			<b>Luxury floor mats</b>	Integrated phone
Headlamp wash			<b>Bi-Xenon lights</b>	RTI Navigation with Europe DVD
Bi-Xenon lights			<b>Headlamp washers</b>	Volvo On Call
Heated seats			<b>Premium, 325w sound system</b>	TV Tuner

**2005 model year Prices (on the road):**

(Note: R prices to be released June 04)

<b>S60</b>		<b>S</b>		<b>Sport</b>		<b>SE</b>	
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## **PRESS INFORMATION**

# **Athletic sedan with increased appeal**

- **Volvo's sportiest sedan model**
- **More athletic appearance, added muscle and enhanced safety**
- **Sales target 70,000 cars**
- **Built in Ghent, Belgium**

The sporty Volvo S60 sedan gets an even more athletic appearance – and even more muscle.

“The enhanced design in combination with improved driving properties and a more powerful T5 engine will make the Volvo S60 an even more attractive choice for the customer looking for a sporty sedan,” says Hans-Olov Olsson, President and CEO at Volvo Cars.

The exterior design changes boost the car's sporty profile, while the interior changes aim at further enhancing the aura of quality and comfort.

The Volvo S60 is now also available with the sophisticated FOUR-C (Continuously Controlled Chassis Concept) active chassis – and the T5 five-cylinder turbocharged engine has been given a vitamin boost to pump out 260 bhp instead of the previous 250 bhp.

“We could pretty much say that the T5 has spent some time working out at the gym to gain some impressive new muscles,” comments Hans-Olov Olsson.

### **Sportier – and safer!**

What is more, the safety level of the Volvo S60 is being further enhanced with a number of new features, such as the smart camera-based BLIS (Blind Spot Information System), which monitors the driver's “blind spots”.

“In this way, the enhanced Volvo S60 is an excellent example of where Volvo Cars is heading. We are continuously reinforcing our positions when it comes to design and driving properties – yet without compromising on our determination to continue leading the way in terms of safety,” says Hans-Olov Olsson.

### **Emotional appeal to different target groups**

The introduction of the new Volvo S40, which also radiates sporty design in combination with excellent driving properties and world-class safety, generates a certain degree of in-house competition for the Volvo S60.

“From the purely rational viewpoint, there is a certain amount of overlap regarding these two cars’ characteristics and pricing. But if we look at the situation from the emotional perspective, these are two entirely different models – and we feel that they appeal to two entirely different target groups. The Volvo S60 is a larger car, available with five-cylinder engines only, and is thus the more exclusive and powerful choice,” continues Hans-Olov Olsson.

### **Made in Ghent, Belgium**

The revitalised Volvo S60 will reach the showrooms in August 2004 and Volvo Cars expects to sell about 70,000 units during the first year.

The USA is by far the largest single market for the Volvo S60, followed by United Kingdom, Sweden, Germany and Spain.

In Europe, 55 percent of all Volvo S60s sold this year are expected to be diesel-powered.

The Volvo S60 is built in Ghent in Belgium, together with the recently introduced Volvo S40 and Volvo V50 models.

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## **PRESS INFORMATION**

### **Sports sedan with stronger personality**

- **New front with more dynamic appearance and re-designed head lamps**
- **Increased level of colour-coordination and trim alternatives**
- **New rear bumper and re-designed transparent tail lamps**
- **Revised interior, including a new elegant tunnel console with multifunctional armrest**
- **New generation of Volvo seats and new upholsteries**
- **Accessory Sports Concept – designed together with the car**

“This is far more than just a facelift,” says Steve Harper, Platform Chief designer. “We have made comprehensive changes – outside to enhance the car’s sporty profile, and inside to boost the sensation of quality and comfort.”

The model year 2005 Volvo S60 has been renewed in a large number of areas, which together give the car a stronger appearance and character and at the same time emphasise the ties to the rest of the Volvo range.

#### **Bolder front with new headlamps**

The front is entirely new, with a more distinct nose with rounder contours. The grille is larger and set somewhat lower to give a more dynamic stance. The grille in the S60 is black, as is the lower air intake, setting the sedan apart from the V and XC models. The dark headlamp surrounds and the round foglamps also help create a distinct profile.



The headlamps too are new, with clear lenses and high performance reflector design (for both the halogen and Bi-Xenon lamps). At the same time, Volvo has switched from glass to plastic, which is lighter and more resistant to stone-chip damage. It is also gentler on pedestrians in the event of a collision. Volvo's traditional headlamp wipers have been replaced with high-pressure washers set into pop-up nozzles.

The windscreen wipers are of the latest type, featuring integrated flat blades. They have a more modern appearance and produce less wind noise than traditional wiper blades do. What is more, they apply more pressure on the windscreen, which improves wiper effectiveness.

### **More trim and more choice**

Colour-matched side trim mouldings are now standard and boost the coordinated impression of the Volvo S60. The lower body line (sills, lower door trims and lower part of the bumpers) is black, but can be optionally specified in body colour.

The bumper corners feature decorative and practical protective mouldings. They are colour-matched as standard and can also be specified with a slim chrome-plated decorative moulding. The corner mouldings can easily be replaced in the event of damage.

### **Harmonized rear design**

The Volvo S60 has become sportier at the rear too. The tail lamps have a more technically-inspired design with transparent glass and visible bulbs. The light pattern has also been changed.

"We have made it easier to recognise a Volvo from the rear in the dark," explains Steve Harper.

"At the same time, we have redesigned the bumper so it harmonises better with the boot's sharply cut-off profile."

The exhaust tailpipe too has been modified, with a high-gloss finish and proportions that better reflect the engine's power. The 2.0T, 2.5T and T5 models feature chrome-plated tailpipes. In parallel, the cutout in the bumper skirt has been integrated more smoothly than before.

### **Interior with higher quality impression**

Volvo's designers have focused hard on making the interior comfortable and inviting.

"We have spared no effort to ensure that the quality perception is the best imaginable," says Steve Harper. "With homogeneous contours, natural materials, flexible functions and new trim alternatives, we aimed at reinforcing the feeling of Scandinavian design at its best."

For example, the centre console – the car's central control panel – has a slimmer design with a decorative surrounding frame in materials such as genuine walnut or authentic aluminium (light or dark). Even the panel's dark-grey shade has been altered to provide better contrast with the controls and make them easier to use.

The audio system, which has been upgraded with Dolby Pro Logic II, has new, separate buttons for quick selection of radio stations and functions, and the most advanced system has an integrated CD changer for no less than six discs.

### **Smart tunnel console with the emphasis on versatility**

The tunnel console is entirely new, with a more homogeneous design and far stiffer construction than before. This considerably boosts the aura of quality. An elegant roller shutter conceals an illuminated compartment for storage that also includes improved cupholders.

The armrest between the front seats is also entirely new. "My design team and I are particularly proud of this," comments Steve Harper. "It's designed for what we consider to be the ultimate, multi-functional armrest. In fact we nicknamed it 'the American Dream'. It has a number of practical features – cupholders, trays and a storage compartment that can be utilised in a variety of ways."

The rear armrest also has a new, more functional design with fixed cupholders and a higher-quality feel.

### **New generation of Volvo seats**

A new generation of Volvo seats is now being introduced, offering improved seating comfort and more convenient adjustment. The seats have:

- added vertical adjustment (+12 mm) – with a new "pump control"
- simpler adjustment of seat angle – with yet another "pump control"
- improved controls for lumbar support (require less force to turn)
- slimmer head restraints, providing better visibility from the rear seat

**New upholsteries**

A series of new upholsteries enhance the feeling of quality in the model year 2005 Volvos.

**Sovereign Hide – a new soft leather upholstery**

Sovereign Hide has leather on all the seat surfaces and is made of the finest hide. 5% extra leather and seams with longer stitches create an exclusive effect. Sovereign Hide gives a high-class ambience of Scandinavian craftsmanship at its very best. An extra layer of 10 mm thick foam padding also makes the seat softer and more comfortable.

Sovereign Hide is available in three colours:

- Linen White – with darker seams – is Volvo's most exclusive upholstery ever. It is available in two combinations, with the interior in classic Oak or for attractive contrast in Off-Black.
- Off-Black – with light-grey seams – for a sportier touch
- Oak/Arena – gives a more classically elegant impression

**Nordborg – a dynamic combination of leather and rubber-like textile**

Nordborg is a sporty new upholstery made of rubbery fabric with leather trim. Some surfaces are upholstered in vinyl of high quality, with a printed, leather-like pattern. Nordborg is available in three colours:

- Grey
- Arena
- Light Sand

### **Accessory Sports Concept**

With the new design package – Accessory Sports Concept – the S60 owner can give the car an extra-sporty feel. The package features:

- Body kit
- Rear spoiler
- 8x18" aluminium wheels
- Sports steering wheel
- Sporty textile floor mats
- Sporty gearknob and gearchange gate

“All these components were designed to create a harmonious and dynamic impression and to reinforce the car’s sporty driving properties,” concludes Steve Harper.

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2004-05-25

## **PRESS INFORMATION**

# **Sharper performance and active chassis**

- **T5 engine with higher performance**
- **Transmission from the R-models**
- **0 to 100 km/h in 6.5 seconds**
- **Faster gearchanges with automatic transmission**
- **Active chassis also on the S60, V70 and XC70**
- **Second-generation FOUR-C**
- **Chassis settings tailored to suit each car's character**
- **Park assist both front and rear**

The new features for the Volvo S60, V70 and XC70 models are not limited to design.

“Now we can offer our customers more of driving pleasure as well as ride comfort,” says Hans Folkesson, Senior Vice President, Research and Development. “For instance, the sporty T5 models get a more efficient turbo engine. What is more, we can offer an active chassis on the standard versions of the S60, V70 and XC70. Previously, this was only available on the Volvo S80 and the advanced R-models.

### **More efficient T5 engine**

The turbocharged engine for the sporty T5 models (Volvo S60 T5 and V70 T5) has undergone further development to meet tougher new emissions requirements (Euro4 and LEV2/EVAP2). At the same time, these improvements have made it possible to get more power out of the engine. The expertise gained from the development of the advanced R-models has played a highly significant role.

Power output has been increased by ten horsepower from 250 to 260 bhp. Torque, previously 330 Nm, has now risen to 350 Nm.

The main benefit of the performance boost comes in the form of immensely enhanced torque at low engine revs. Even from as little as 1800 rpm, there is no less than 305 Nm on tap as against the previous 240 Nm. This translates into faster throttle response, safer overtaking and sportier road manners.

The improvements have been achieved with a variety of means. For instance, the engine has variable inlet valve timing too, instead of only variable exhaust valve timing as before. What is more, cylinder displacement has increased from 2.3 to 2.4 litres. And last but by no means least, the engine now has a new turbocharger – taken straight from the R-models.

The result is a highly competitive and potent combination of high performance, low fuel consumption and low emissions.

### **Rapid acceleration with six-speed transmission**

The T5 engine is mated to a six-speed manual gearbox or a five-speed automatic transmission with Geartronic.

The manual M66 gearbox comes from the Volvo S60 R/V70 R, but it has been reworked for front-wheel drive in the T5 model. This gearbox has been developed and built specially to handle high torque levels, up to 400 Nm.

The Volvo S60 T5 with M66 gearbox is a very sporty combination with the ability to accelerate from 0-100 km/h in 6.5 seconds.

In automatic T5 cars, the electronic control systems have been modified to provide faster communication between engine and transmission – and a more immediate reduction in engine torque prior to gearchanges. This promotes faster gearchanges and a sportier driving experience.

For detailed driveline information, see the enclosed technical specifications for each Volvo model.

### **Larger brake discs at the front**

In order to match the car's high performance, the Volvo S60 T5 and V70 T5 feature larger brake discs and larger callipers at the front (on EU-market cars). Disc diameter has increased from 286 to 316 mm.

**Active chassis also on the Volvo S60, V70 and XC70**

The active chassis was first launched in the advanced four-wheel drive Volvo S60 R and V70 R. It was then modified to suit the front-wheel driven Volvo S80 which puts the emphasis more on comfort. Now the range is being broadened still further, with the system becoming available as an option on the rest of the S60, V70 and XC70 models.

“With the active chassis, we can get more out of the car,” says Hans Folkesson. “The technology provides better driving properties in all situations – both safer and more entertaining.”

The chassis setting adapts automatically to suit the current driving situation, which considerably improves both handling and ride comfort – in one and the same car. If the driver is more active when steering, accelerating or braking, the system responds at lightning speed to increase damping force and thus control the car body’s movements.

In more sedate progress, damping action is much less frequent in order to better isolate the car’s occupants from irregularities in the road surface. This approach combines the best of two worlds – maximum control and thus safety, and at the same time the best possible comfort.

**Second-generation FOUR-C**

The active chassis is based on Volvo’s FOUR-C technology in combination with DSTC (Dynamic Stability and Traction Control). This is an advanced self-regulating chassis system that uses a number of sensors to continuously monitor the car’s behaviour. In mere fractions of a second, the shock absorbers are reset to suit the current situation.

“What we are now unveiling is the second-generation FOUR-C,” says Hans Folkesson. “During the process of tailoring the technology to suit the S60, V70 and XC70 models, we improved both the hardware and the software, gaining smoother damping control in the bargain. This makes for a more harmonious experience for driver and passengers alike.”

FOUR-C adjusts chassis settings to suit the car’s speed. The faster the car is travelling, the greater the damping. This makes the car easy to control even at high speeds. This technology also reduces the car body’s tendency to kneel at the front, squat at the rear or roll sideways during hard braking, sudden acceleration or fast avoidance manoeuvres respectively.

The Volvo S80 and the R-versions of the S60 and V70 also benefit from the second-generation FOUR-C.

### Two choices

All models fitted with an active chassis feature two alternative chassis settings (three in the R-models). At the touch of a button, the driver can alter the car's driving behaviour to suit personal preferences.

SPORT gives more controlled body movements, faster steering response and more road contact.

COMFORT gives a suppler, more comfortable ride with calm, harmonious body movement.

In an emergency situation, however, the setting selected makes no difference – FOUR-C is programmed to always help the driver out of the situation by automatically stabilising the car.

### Modified chassis properties

The active chassis gives the car better driving properties in all situations. The car is more stable and consistent in its behaviour and response.

“Everyone in the family benefits from the active chassis,” says Hans Folkesson. “The car is both safer and more comfortable to ride in.”

The advanced FOUR-C technology has also made it possible to modify chassis properties to suit each respective car model.

- In the Volvo S60, the chassis has a stiffer setting in Sports mode to provide enhanced road feedback and sportier driving properties. At the same time, the Comfort setting provides greater comfort than the standard chassis can offer.
- The Volvo V70, the family car of choice, has been tailored to provide high ride comfort while at the same time retaining its excellent ride and roadholding properties when the car is loaded. In Sports mode, the car offers a firmer and livelier ride.
- The Volvo XC70 crossover model with active chassis has become stiffer and firmer, with increased steering feel and enhanced road feedback. The car is easier to control and more comfortable to ride in on both good and poor road surfaces.



**Parking assistance at the front too**

As before, Volvo cars can be equipped with a Park Assist system. Sensors in the rear bumper alert the driver when the car is too close to an object at the rear. This makes the driver's job easier when parking in congested areas. The function is now fully integrated in the car's electronic system, making it possible to install parking assistance in the front bumpers as well. This is an entirely new feature in the Volvo range.

**Park assistance rear** is available as:

- An accessory – with fully faired-in sensors
- A factory-fitted option

**Park assistance front** is only available as an accessory (provided the car is also equipped with Park Assistance Rear).

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2004-05-25

## **PRESS INFORMATION**

### **New safety functions in Volvo cars**

- **BLIS – Blind Spot Information System – a world-first in a passenger car**
- **WRG – Water Repellent Glass – improves visibility when driving in the rain**
- **Cut-off switch for front passenger airbag**

At the start of the year, Volvo Cars presented four new safety systems that will be launched in the company's car models over the forthcoming period. One of them was BLIS – Blind Spot Information System – which was unveiled on the Volvo stand at the Detroit motor show.

“BLIS is now ready to be demonstrated in roadgoing cars,” says Lex Kerssemakers, Vice President, Global Marketing.

In addition to BLIS, Volvo Cars is also launching water-repellent glass for side windows and door mirrors – along with a simple and dependable method for switching off the front passenger airbag in Volvo cars.

#### **BLIS – Blind Spot Information System**

Despite large window panels and effective door mirrors, there is always the risk of offset rear blind spots while driving. This can increase the risk of accidents, especially when changing lanes or overtaking.

In order to improve safety in such situations, Volvo Cars started fitting wide-angle door mirrors for the driver's side already back in 1979 – the first car maker to do so. Now the company is taking visibility one step further with a camera-based monitoring system that keeps a watchful eye on the area alongside and offset rear behind the car.

When another vehicle enters this zone, a warning lamp comes on beside the appropriate door mirror. The driver is thus given an indication that there is another vehicle very close to his or her own. The system alerts the driver both to cars approaching from behind and cars that have currently been overtaken. This information gives the driver added scope for making the right decisions in such situations.

The production of BLIS will start in the end of 2004.

### **The technology behind BLIS**

A digital camera is installed on each door mirror and it takes 25 pictures each second. By comparing the pictures taken, the system can register when a vehicle is moving within the BLIS zone, which measures 9.5 metres long by 3 metres wide on either side of the car.

The system is programmed to identify cars as well as motorcycles, in daylight as well as at night. Since BLIS is camera-based, however, it has the same limitations as the human eye does. This means the system will not function in conditions of poor visibility, for instance in fog or flying snow. In such a case, the driver receives a message that BLIS is not in action. It is also configured not to react to parked cars, road barriers, lampposts and other static objects.

The system is active at all speeds above 10 km/h. It reacts to vehicles that are driven a maximum of 20 km/h slower and a maximum of 70 km/h faster than the car itself.

BLIS can be switched off via a button in the centre console.

### **WRG – Water Repellent Glass**

In order to improve safety when driving in the rain, Volvo Cars is launching WRG – Water Repellent Glass – for door mirrors and front side windows. WRG prevents rainwater from obstructing visibility.

On the windows, the water gathers as pearls of moisture which blow away easily by the wind speed, leaving a dry glass panel with unobstructed visibility. Since it is more difficult for dirt to fasten on dry surfaces, it is also easier to keep the windows clean and free of ice. WRG treatment requires that the windows be laminated.

On the door mirrors, a different method is used. Here, the water is distributed evenly across the entire glass surface so that it is possible to see through the water. In certain weather conditions, the function can be speeded up if the mirror heater elements are activated.

The water repellent function has been created through special treatment of the glass. On the side windows, the treatment must be renewed after about three years and then every year after that in order to ensure full effect. The door mirrors do not need to be re-treated since they are not as exposed to wear and tear.

### **PACOS – Passenger Airbag Cut-Off Switch**

The findings of Volvo's safety research are clear:

- Children should ride in the rear seat
- The safety equipment that is used should be tailored to suit the child's size
- Small children should travel in a rear-facing child seat, preferably in the rear of the car
- If a child is placed in the front seat, it is essential that the car is not fitted with a front passenger airbag, or that this airbag is disconnected.

Now it is possible for the Volvo owner to disconnect the front passenger airbag using the ignition key. The lock is integrated into the end of the instrument panel. Disconnection is confirmed by a physical marker on the lock itself and with a text that appears in the interior rear-view display.

KH

2004-05-25

## ENGINES

Type
Configuration
Displacement, cm <sup>3</sup>
Bore/Stroke (mm)
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed
Fuel, rec. octane
Max output, kW (hk)/rpm.
Max torque, Nm/rpm.

## TRANSMISSIONS

5-speed manual gearbox.  
 5-speed adaptive automatic transmission, electronically controlled, with lock-up and winter mode selection. Geartronic available for B5244T5 and B5254T2.

Ratio	M58		M56L2	AW	AW	M66W
	M56H	M56L				
First	3.07	3.39	3.39	4.77	4.66	3.39
Second	1.77	1.91	1.91	2.99	3.03	1.91
Third	1.19	1.19	1.19	1.96	1.98	1.27
Fourth	0.87	0.87	0.87	1.32	1.34	0.95
Fifth	0.70	0.70	0.65	1.02	1.02	0.78
Sixth	—	—	—	—	—	0.65
Reverse	2.99	3.30	3.30	3.23	5.11	3.20

Manual gearbox/final drive
Automatic transmission/final drive

## PERFORMANCE

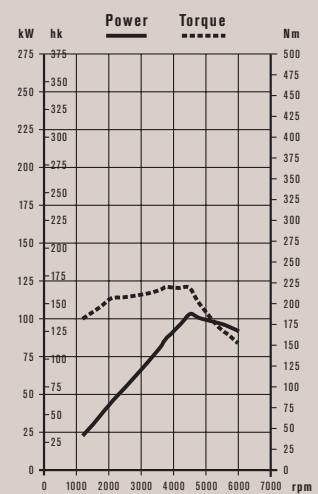
Gearbox
Acceleration, 0–100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (EC 1999/100, combined) (Figures within brackets valid for lower inertia class)
CO <sub>2</sub> g/km (Figures within brackets valid for lower inertia class)

\* Electronically controlled top speed, values within brackets with the option "no speed limitation".

## CHASSIS

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual, Multi-Link, with coil springs, anti-roll bar
Steering	Rack and pinion, power assisted	
Turning circle	10.8 – 11.8 m	
Turns of steering wheel lock to lock	3.0 – 2.8	
Braking system	ABS system with EBD. Ventilated discs front, discs rear	
Brake disc diameter (front/rear)	286/288 (15"), 305/288 (16")	
	316/288 (T5, EU markets only)	
STC	Option (Standard certain markets) Front wheel drive only	
DSTC	Option	

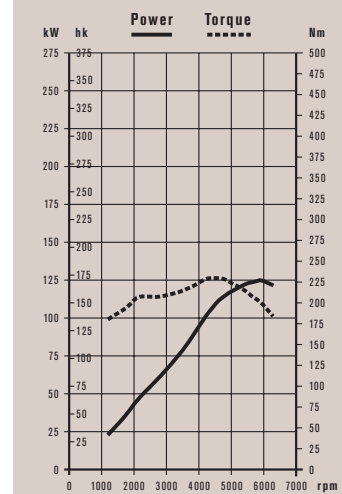
<b>B5244S2</b>
In-line 5 cyl. naturally aspirated
Transverse, front wheel drive
2435
83/90
Aluminium
Aluminium
Pent-roof
10.3
4
2
Microprocessor controlled fuel and ignition system with self diagnostics
1-2-4-5-3
750
91–98 RON
103 (140)/4500
220/3300



M56L/4.00
AW55-51/2.44

Manual	Automatic
10.2	11.1
210	205
8,8 (8.6)	9.5 (9.4)
209 (204)	226 (225)

<b>B5244S</b>
In-line 5 cyl. naturally aspirated
Transverse, front wheel drive
2435
83/90
Aluminium
Aluminium
Pent-roof
10.3
4
2
Microprocessor controlled fuel and ignition system with self diagnostics
1-2-4-5-3
750
91–98 RON
125 (170)/6000
225/4500



M56H/4.25
AW55-51/2.44

Manual	Automatic
8.7	9.6
210* (225)	210* (215)
8.9 (8.8)	9.5 (9.4)
212 (211)	226 (225)

<b>B5204T5</b>
In-line 5 cyl. light press. turbo
Transverse, front wheel drive
1984
81/77
Aluminium
Aluminium
Pent-roof
9.5
4
2

<b>B5244T5</b>
In-line 5 cyl., high press. turbo
Transverse, front wheel drive
2401
81/93,2
Aluminium
Aluminium
Pent-roof
8.5
4
2

<b>B5254T2</b>
In-line 5 cyl., light press. turbo
Transverse, FWD/AWD
2521
83/93,2
Aluminium
Aluminium
Pent-roof
9.0
4
2

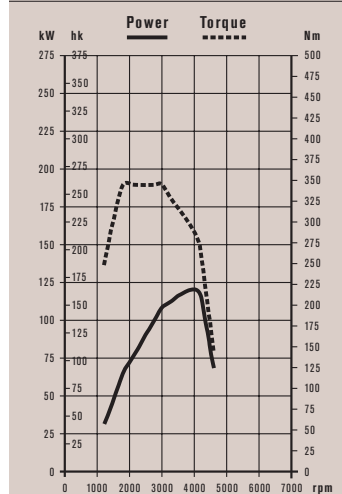
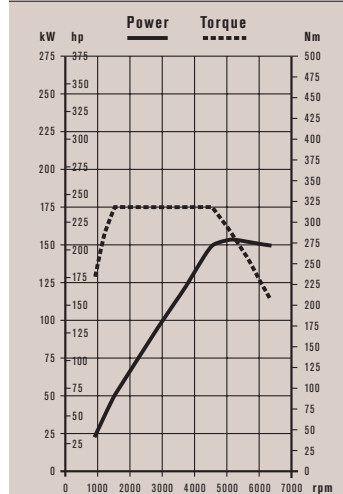
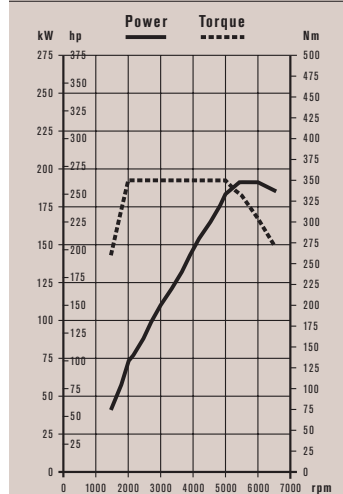
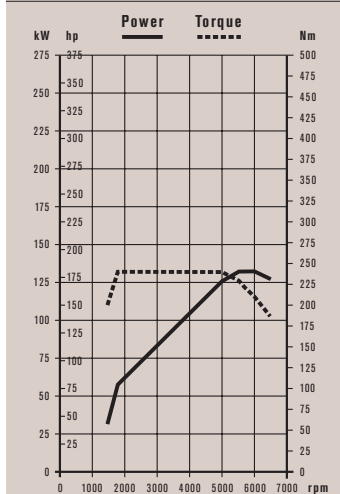
<b>D5244T</b>
In-line 5 cyl. turbo diesel
Transverse, front wheel drive
2401
81/93,2
Aluminium
Aluminium
-
18.0
4
2

Microprocessor controlled fuel and ignition system with self diagnostics	
1-2-4-5-3	
670	
91-98 RON	
132 (180)/5500	
240/1850-5000	

Microprocessor controlled fuel and ignition system with self diagnostics	
1-2-4-5-3	
670	
91-98 RON	
191 (260)/5500	
350/2100-5000	

Microprocessor controlled fuel and ignition system with self diagnostics	
1-2-4-5-3	
670	
91-98 RON	
154 (210)/5000	
320/1500-4500	

Integr. fuel/ignition system	
1-2-4-5-3	
700	
Diesel Min Cetane 48	
120 (163)/4000	
340/1750-3000	



<b>M56L/4.25</b>
AW55-51/2.65

<b>M66W/4,00</b>
AW55-51/2.44

<b>M56L/3.77 (M58L/4.25**)</b>
AW55-51/2.27

<b>M56L2/3.77</b>
AW55-50/2.44

Manual	Automatic
8.8	9.5
210* (225)	210* (215)
9.2 (9.1)	10.1 (9.9)
218 (215)	240 (236)

Manual	Automatic
6.5	6.9
250*	250
9.3 (9.2)	9.8 (10.0)
220 (219)	234 (236)

Manual	Automatic
7.0/7.3**	7.4/7.7**
210* (230)/210**	210* (225)/210**
9.1/9.7**	9.8/10.2**
217/232**	234/244**

Manual	Automatic
9.5	9.9
210	210
6.5 (6.3)	7.6 (7.5)
171 (166)	201 (199)

**MEASUREMENTS AND VOLUMES**

<b>Exterior measurements (cm)</b>	
Length	458
Width	181
Height	143/144*
Wheelbase	272
Track, front	156 <sup>1</sup> /156
Track, rear	156 <sup>1</sup> /154
Ground clearance	13/12*/15**
Load height	66/68*
<b>Weights/Miscellaneous</b>	
Weight/kg min.	1440
	CNG/LPG 1509/1490

Petrol tank, l	70/29*
CNG tank, Nm <sup>3</sup>	23
LPG tank, l	50
Max. trailer weight, kg	1600
Drag coefficient	0.28/0.3*
<b>Interior measurements (cm)</b>	
Headroom with sunroof (front/rear)	99/96
Headroom without sunroof (front/rear)	98/96
Passenger compartment width at shoulder height (front/rear)	143/141
Luggage volume, litres (DIN V210)	424
Load length	82

Load length with rear seat folded down	166
Load length with rear seat and front passenger seat folded down	276
Loading height between cargo floor and parcel shelf	44
Width of luggage compartment between wheel arches	114

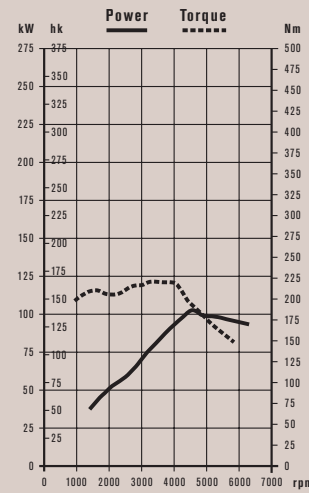
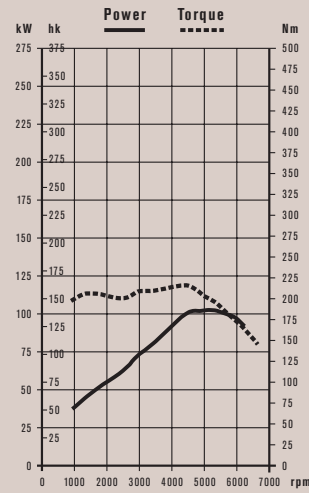
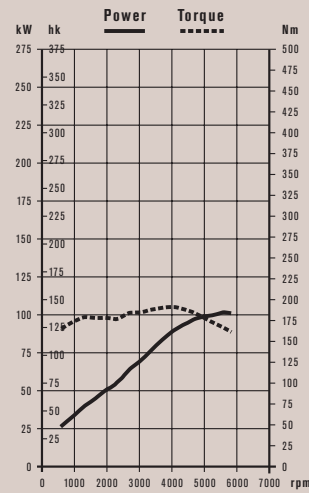
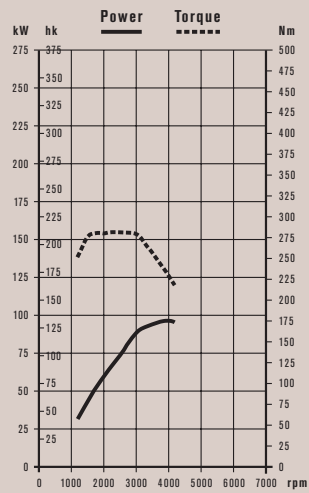
\* Bi-Fuel \*\*AWD <sup>1</sup>With 15" wheels

<b>D5244T2</b>
In-line 5 cyl. turbo diesel
Transverse, front wheel drive
2401
81/93,2
Aluminium
Aluminium
-
18.0
4
2
<b>Integr. fuel/ignition system</b>
1-2-4-5-3
700
Diesel Min Cetane 48
96 (130)/4000
280/1750-3000

<b>B5244SG (CNG mode)</b>
In-line 5-cyl., naturally aspirated, Bi-Fuel
Transverse, front wheel drive
2435
83/90
Aluminium
Aluminium
Pent-roof
10.3
4
2
<b>Microprocessor controlled fuel and ignition system with self diagnostics</b>
1-2-4-5-3
750
CNG
103 (140)/5800
192/4500

<b>B5244SG2 (LPG mode)</b>
In-line 5-cyl., naturally aspirated, Bi-Fuel
Transverse, front wheel drive
2435
83/90
Aluminium
Aluminium
Pent-roof
10.3
4
2
<b>Microprocessor controlled fuel and ignition system with self diagnostics</b>
1-2-4-5-3
750
LPG
103 (140)/5100
214/4500

<b>B5244SG/SG2 (petrol mode)</b>
In-line 5-cyl., naturally aspirated, Bi-Fuel
Transverse, front wheel drive
2435
83/90
Aluminium
Aluminium
Pent-roof
10.3
4
2
<b>Microprocessor controlled fuel and ignition system with self diagnostics</b>
1-2-4-5-3
750
91-98 RON
103 (140)/4500
220/3750



<b>M56L2/3.77</b>	
<b>AW55-50/2.44</b>	
<b>Manual</b>	<b>Automatic</b>
11.6	11.9
200	195
6.5 (6.3)	7.6 (7.5)
171 (167)	201 (199)

<b>M56L/4.00</b>	
<b>AW55-50/2.44</b>	
<b>Manual</b>	<b>Automatic</b>
10.7	11.6
210	205
7.4 (7.3) Nm <sup>3</sup> CNG	8.2 (8.1) Nm <sup>3</sup> CNG
161 (159)	178 (176)

<b>M56L/4.00</b>	
<b>AW55-50/2.44</b>	
<b>Manual</b>	<b>Automatic</b>
10.3	11.2
210	205
11.4 (11.2) LPG	12.9 (12.7) LPG
185 (182)	209 (206)

<b>M56L/4.00</b>	
<b>AW55-50/2.44</b>	
<b>Manual</b>	<b>Automatic</b>
10.2	11.1
210	205
8.8 (8.7)	9.6 (9.5)
211 (206 <sup>1</sup> /208 <sup>2</sup> )	231 (228 <sup>1</sup> /227 <sup>2</sup> )

<sup>1</sup>B5244SG <sup>2</sup>B5244SG2