VOLVO XC70

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 allnew 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 wintery 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 sur-
Leather covered steering wheel	Cruise control	round sound, 225w system
Steering wheel controls for audio	Aluminium trim	Sports leather upholstery
Alarm and immobiliser	17in Orpheus Alloys	Auto dimming rear view mirror
Electric windows front and rear	Nordborg Leather/	Grocery bag holder
Sports chassis	Textile sports upholstery	Rear waste bag/bottle holder
Manganite trim	Water repellent mirror glass	Cruise control
DSTC (Dynamic Stability and	Auto dimming rear view mirror	Aluminium trim
Traction Control)	Grocery bag holder	17in Orestes alloys
Information centre	Rear waste bag/bottle holder	Rain sensor – auto wipers
Front fog lights	Rain sensor – auto wipers	Folding door mirrors
Illuminated vanity mirrors	Folding door mirrors	Water repellent mirror glass
	Colour co-ordinated bumpers,	Colour co-ordinated bumpers,
	side sills and mouldings	side sills and mouldings with
		chrome inlays
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)

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

V70:

2005 specification improvements in **bold**: (note: V70 R details to be released June 04)

V70 S	V70 Sport	V70 SE
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 sur-
1 x CD, 100w audio system	Aluminium trim	round sound, 225w system
Leather covered steering wheel	17in Orpheus Alloys	Sports leather upholstery
Steering wheel controls for audio	Vestborg Leather/Textile	Auto dimming rear view mirror
Alarm and immobiliser	sports upholstery	Grocery bag holder
Electric windows front and rear	Water repellent mirror glass	Rear waste bag/bottle holder
Information centre	Auto dimming rear view mirror	Aluminium trim
Cruise control	Grocery bag holder	17in Orestes alloys
Roof rails (NCO)	Rear waste bag/bottle holder	Rain sensor – auto wipers
Manganite trim	Rain sensor – auto wipers	Folding door mirrors
Front fog lights	Folding door mirrors	Water repellent mirror glass
Illuminated vanity mirrors	Colour co-ordinated bumpers,	Colour co-ordinated bumpers,
Front anti-roll bars (2.4, D5)	side sills and mouldings	side sills and mouldings with
		chrome inlays
Value of added specification:	Value of added specification:	Value of added specification:
£200	£770	£330

V70 Option packs:

(new features for 2005 in bold)

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

XC70:

Front fog lights Folding door mirrors Water repellent door mirror Rain sensor - auto wipers

2005 specification improvements in **bold**:

XC70 SE	XC70 SE Lux
16in Erinys alloys	SE specification, plus:
ECC + AQS (Air Quality System)	Electric passenger seat
Leather upholstery	Headlamp washers
Leather steering wheel	Heated front seats

6 x CD, 225w audio system with Dolby Pro-Logic II Premium 325w Sound system

Illuminated vanity mirrors with Dolby Pro-Logic II with surround sound Walnut wood trim Auto dimming rear view mirror

Aluminium trim Bi-Xenon headlamps with wash

Grocery bag holder Rear waste bag/bottle holder Electric driver's seat with memory

Value of added specification: Value of added specification:

£395 £975 Value of deleted specification:

£2650 (communications pack)

XC70 Option packs:

Winter	Bi-Xenon	Family	Comms 1	Comms 2
£290	£850	£410	£2,650	£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	Spor	t		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	Spor	t		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 I	_ux
2.5T manual		£29,463	(+£535)	£3.	1,013	(-£415)
2.5T G'tronic		£30,713	(+£535)	£32	2,263	(-£415)
D5 manual		£27,933	(+£535)	£29	9,483	(-£415)
D5 G'tronic		£29,183	(+£535)	£30	0,733	(-£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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UK overview 2005 model year XC70

2005 model year enhancements:

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INTERIOR AND EXTERIOR

The interior and exterior of the XC70 have received extensive yet 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. XC70 gains a 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') replacing dark blue, which will be available as an alternative to the brown bumper, wheel arch and lower side mouldings on certain body colours.
- 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.
- Centre Dashboard: All models gain a new design for the central part of the dashboard for better quality fit and finish. Aluminium 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, 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 allnew 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-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 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: 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 XC70 range for 2005.

The Four-C system enables drivers to choose between chassis settings – Comfort and Sport – to give a pronounced difference in handling and steering characteristics.

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.

• Extended Service Intervals: Service intervals for XC70 2.5T, 5-cylinder petrol engines have been increased from 12,000 to 18,000 miles (ie. not diesel).

Convenience

Apart from extended service intervals for five-cylinder petrol engines, 2005 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.

- Larger washer reservoir: 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.
- 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: 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 wintery conditions, reduce wind noise, as well as looking cleaner and more modern.

UK specifications::

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 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

Value of added specification:

£395

Value of added specification:

£975

Value of deleted specification: £2650 (communications pack)

XC70 Option packs:

Winter	Bi-Xenon	Family	Comms 1	Comms 2
£290	£850	£410	£2,650	£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)

XC70	S	Ε	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 XC70

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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 (8,089 cars, representing 21 per cent of total Volvo UK car 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.

VOLVO S60 | VOLVO V70 | VOLVO XC70

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Volvo Car UK web site www.volvocars.co.uk
Volvo Car UK Media Website www.media.volvocars.co.uk

UK prices and specification 2005 model year XC70

XC70 specifications (UK):

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

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

Value of added specification: £395

Value of added specification:

£975

Value of deleted specification: £2650 (communications pack)

XC70 Option packs (UK):

Winter	Bi-Xenon	Family	Comms 1	Comms 2
£290	£850	£410	£2,650	£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		

XC70 2005 model year prices-on the road (UK):

XC70	9	SE .	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)		

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Volvo XC70 AWD

ENGINES

- 11 4 1 11 - 0	
Туре	
Configuration	
Displacement, cm ³	
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- and 6-speed manual gearbox. 5-speed adaptive automatic transmission, electronically controlled, with lock-up and winter mode selection. Geartronic available for B5254T2.

	AW			
Ratio	M58L	55-50	M66E	
First	3.39	4.66	3.75	
Second	1.91	3.03	1.91	
Third	1.19	1.98	1.19	
Fourth	0.87	1.34	0.84	
Fifth	0.70	1.02	0.65	
Sixth			0.54	
Reverse	3.30	5.11	3.44	

Manual gearbox/final drive

Automatic transmission/final drive

PERFORMANCE

Gearbox	
Acceleration, 0-100 km/h (sec)	
Top speed, km/h	
Fuel consumption I/100 km* (EC 17/1999, combined) (Figures within brackets valid for lower inertia class)	
CO ₂ g/km (Figures within brackets valid for lower inertia class)	

^{*} Electronically controlled top speed.

B5254T2

In-line 5-cyl., light pressure turbo
Transverse, all wheel drive

2521

83/93,2

Aluminium

Aluminium

Pent-roof

Pent-r

4

2

Microprocessor controlled...

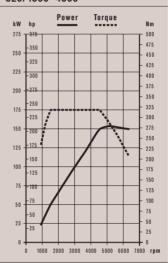
1-2-4-5-3

670

91-98 RON

154 (210)/5000

320/1500-4500



M58L/4.25	
-----------	--

AW55-51/2.65

Manual	Automatic
8.1	8.5
210*	210*
10.2 (n.a.)	11.1 (11.1)
244 (n.a.)	266 (266)

D5244T

In-line 5-cyl. turbo diesel
Transverse, front wheel drive

2401

81/93,2 Aluminium

Aluminium

-

18.0

4

2

Integr. fuel/ignition system

1-2-4-5-3

700

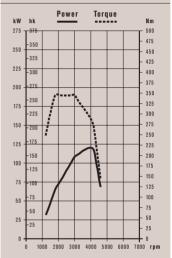
Diesel Min Cetane 48

120 (163)/4000

340/1750-3000

M66E/4.53

AW55-50/2.65



Manual	Automatic
10.5	11.5
200	195
7.6(7.5)	8.5 (8.4)
202(199)	226 (223)

CHASSIS

Suspension	front	Spring-strut, lower link,	
		anti-roll bar	
	rear	Individual Multi-link sus	
		pension, anti-roll bar	
Steering		Rack and pinion, power	
		assisted	
Turning circle	;	11.9 m	
Turns of stee	ring		
wheel end to	end	2.8	
Braking system		ABS system with EBD.	
		Ventilated discs front,	
		discs rear	
Brake disc di	ameter		

305/288 mm

MEASUREMENTS AND VOLUMES

Exterior measurements (cm)	Cross Country
Length	473
Width	186
Height	156
Wheelbase	276
Track, front	161
Track, rear	155
Ground clearance	21
Load height	67
Weights/Miscellaneous	
Weight/kg min.	1660/1690*
Fuel tank, I	68
Max. trailer weight, kg	1800
Drag coefficient *AWD Diesel	0.34

UMES	
Interior measurements (cm)	
Headroom with sunroof (front/rear)	100/99
Headroom without sunroof (front/rea	ar) 100/99
Passenger compartment width at	
shoulder height (front/rear)	143/142
Luggage volume, litres	
(DIN V211/V212/V214) 48	35/745/1641
Load length	85
Load length with rear seat folded do	wn 185
Load length with rear seat and	
front passenger seat folded down	282
Height of luggage compartment	81
Width of luggage compartment	
between wheel arches	113

(front/rear)

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).

KH 2004-05-25

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

The adventure car – even more appealing, even more robust

- · The car for active people who enjoy outdoor adventures
- · New design elements for enhanced appeal
- USA the largest single market
- Sales target 35,000 cars

When the Volvo XC90 was introduced in early 2002, there were people who thought that the in-house competition would badly hurt the company's highly successful Volvo XC70.

"Here at Volvo, however, we felt quite the opposite – we believed that the Volvo XC70 would enjoy renewed appeal. When the Volvo XC90 was launched, the entire XC concept got a boost. These are, after all, two entirely different cars that are aimed at two entirely different target groups," explains Hans-Olov Olsson, President and CEO at Volvo Cars..

Increased sales in 2003

In 2003, the Volvo XC90 took the car market by storm and Volvo Cars raised its production target from the original 50,000 to 90,000 units.

Despite this, sales of the Volvo XC70 continued to increase over the 2002 figures – and now the model is being rejuvenated with features that make it even more attractive.

"The strength of the XC70 is that it radiates an ability to carry you wherever you want, no matter which adventure you've set your sights on. New design elements both when it comes to the exterior and interior, reinforce that feeling and give the car an even more appealing and more robust appearance," says Hans-Olov Olsson.

XC70 hits the adventure trail while the XC90 stays in town

In terms of commercial appeal, these two Volvo models turn to different target groups, each of them using the cars differently.

Buyers of the Volvo XC90 generally stick to the city's asphalt roads and are secure in the knowledge that their car radiates readiness to carry them off-road.

The owner of a Volvo XC70, on the other hand, is often on his or her way to and from recreational activities in environments with tougher driving conditions.

Better driving characteristics - increased safety

This is why the car's driving characteristics have been enhanced. The Volvo XC70 is now also available with the sophisticated FOUR-C (Continuously Controlled Chassis Concept) active chassis.

What is more, safety is enhanced with a number of additional features, such as the intelligent camera-based BLIS (Blind Spot Information System), which monitor's the driver's "blind spots".

USA the largest market

The Volvo XC70 created a whole new Cross Country segment in North America with the introduction of the original model back in 1997.

The United States will continue to remain by far the largest single market. The renewed Volvo XC70 will reach the showrooms in August 2004 and more than half of the first year's production volume of 35,000 cars will go to the U.S. Canada is the fourth-largest market for the Volvo XC70.

Sweden is the second-largest market, with Japan in third place and Germany fifth.

Diesel power for two-thirds of total European sales

In Europe, two-thirds of all Volvo XC70s sold in 2004 will be turbodiesels.

The Volvo XC70 is built with the Volvo V70, Volvo S80 and Volvo XC90 at the Volvo Cars plant in Torslanda, Sweden.

HÅ 2004-05-25

Crossover model with enhanced profile

- More powerful grille and larger skidplates
- · Roof rails in brushed aluminium
- · Headlamps with clear lenses
- · New body and bumper colours
- · Interior with higher quality impression
- Practical tunnel console with multifunctional armrest
- · New generation of Volvo seats

"The Volvo XC70 continues to become increasingly popular," says Steve Harper, Platform chief designer. "The fact that we have made it even more rugged and durable is going to attract still further interest to this model."

Enhanced crossover character

The model year 2005 Volvo XC70 has been upgraded on a number of points, each of which helps beef up the car's appeal and character.

The grille has a larger "egg-crate" mesh that contributes to a hungrier appearance and boosts the car's robust stance.

The car also has larger skidplates as standard both front and rear.

The roof rails are made of brushed aluminium.

The door mirrors are from the Volvo XC90. For the XC70, this means better rear vision through larger mirrors. The door mirrors are optionally available with a mechanism that folds them parallel with the car body – ideal when parking in congested spots.

The special XC attributes – the robust bumpers, the wheel housing extensions and the lower side trims – now come in a new colour, Stone Grey, that replaces the previous blue-grey. The brown variant is still available as an alternative.

The Volvo XC70 also has a new, specially designed standard wheel, "Erinus". It is a 16" aluminium wheel with a potent design, intended for tyre dimension 215/65.

Headlamps with clear lenses

As on the S60 and V70, the headlamps are of the new type 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 – on the XC model with fixed nozzles.

The windscreen wipers are also of a new 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.

The tail lamps too have a more technically-inspired design with transparent glass and visible bulbs. In addition, the light pattern has been altered.

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

The emblems on the tailgate are now located in the same position as on the sedan models, with the Volvo name in the middle, the model designation on the left and the engine designation on the right.

Interior with solid appeal

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).

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.

Practical 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. The storage and cupholder compartment has a tougher, more open design than in the S60 and V70. And the grab-handle, which is unique to the XC model, is now made more substantial, by using genuine aluminium.

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

"The Volvo XC70 is designed for comfort even when the road conditions deteriorate," concludes Steve Harper. "The new generation of seats elevates the ride to an even higher level of comfort."

KH 2004-05-25