

**VOLVO**  
for life



VOLVO  
**V70**



# DRIVER'S ENVIRONMENT

THOUGHT AND CONSIDERATION HAVE BEEN INVESTED IN THE VOLVO V70 - ALLOWING YOU TO REACH YOUR DESTINATION FRESH AND RELAXED.



In the Volvo V70, you can concentrate on driving. You sit in one of the most comfortable driver's seats in the automotive world. The feeling of control is exceptional. A quick glance gives you all the driving information you need. You can operate most of the controls without taking your hands off the wheel. The large

variety of adjustments for the steering wheel and driver's seat makes it easy to find the perfect driving position. And if you choose Volvo's most sophisticated audio installation with Premium Sound loudspeakers, amplifier and Dolby Surround Pro Logic<sup>1</sup>, you can enjoy an audio experience far beyond the ordinary.

<sup>1</sup> Dolby and Pro Logic are trademarks of the Dolby Laboratories Licensing Corporation.

# SAFETY

"CARS ARE DRIVEN BY PEOPLE. THE GUIDING PRINCIPLE BEHIND EVERYTHING WE MAKE AT VOLVO, THEREFORE, IS - AND MUST REMAIN - SAFETY."

ASSAR GABRIELSSON AND GUSTAF LARSON,  
THE FOUNDERS OF VOLVO.

## DUAL-STAGE AIRBAGS

The driver and passenger\* airbag register the collision force and adjust inflation accordingly - with full pressure for high crash forces, or with reduced pressure if the crash force is lower. If the airbags are not needed, only the safety belt pre-tensioners will be deployed.

The car can also be ordered without a passenger airbag.

## SIPS SIDE-IMPACT PROTECTION

Distributes crash forces in a side impact across a large part of the body of the car so as to help minimise the strain on the occupants. IC inflatable curtains for all the occupants and the front seat side airbags offer head and chest protection.

## IC INFLATABLE HEAD-PROTECTION CURTAINS

Offer protection irrespective of whether you are sitting in the front or rear. Inflates in a side-impact accident to protect the heads of all the occupants. The curtains remain inflated long enough to contribute to continued protection in complex collision sequences and help to keep the occupants within the car.

## LOAD SAFETY

Loads are secured most safely using the eyelets in the load compartment floor. A retractable safety net protects passengers from luggage when braking sharply. In addition, all the seats are designed to withstand considerable pressure from unsecured loads.

## SAFETY CAGE

The sturdy safety cage surrounds all the occupants and is dimensioned to withstand extreme physical stress.

## CRUMPLE ZONES

The front and rear crumple zones dissipate and distribute incoming collision forces so as to reduce the physical strain on the occupants.



## ENERGY-ABSORBING INTERIOR

All the panels and door sides are padded with energy-absorbing materials to help reduce the risk of injury to the occupants.

## PERSONAL SECURITY

Anti-theft alarm including electronic immobiliser and door locks that withstand most break-in attempts help protect against theft. Approach and Home Safe lighting make it easy to illuminate your path to and from the car.

## WHIPS WHIPLASH PROTECTION

Volvo's own system for helping to reduce the strain on the spine and neck if the car is hit from behind at low speed. Built into the front seats and activated by a sufficiently severe impact.

## SAFETY BELTS WITH PRE-TENSIONERS

All the seats have head restraints and three-point safety belts with pre-tensioners. In a crash, the safety belt is pulled tight to help provide maximum protection. The front safety belts then slacken slightly so that the occupant is cushioned by the airbag in a controlled way.

## CHILD SAFETY

The integrated booster cushions in the outer rear seats ensure that the safety belt is correctly positioned on the child (option). For younger children, there are Volvo's rearward-facing child seats with the ISOFIX attachment system for the outer rear seats and the front passenger seat if no airbag is fitted (option).

THE THRILL OF EXCITEMENT FOCUSES THE SENSES AND ENHANCES THE SENSATION OF BEING ALIVE. THE FEELING OF BEING SAFE ADDS TO BALANCE AND HARMONY - ALLOWING YOU TO ENJOY THE EXPERIENCE TO THE FULL. WHICH EXPLAINS WHY THE VOLVO V70 IS ALSO ONE OF THE WORLD'S MOST SAFETY-MINDED CARS.

In a Volvo V70, safety is built in from the very start. An advanced chassis and powerful brakes give you full control in all situations. Active stability systems boost the safety margins still further, for instance, if you are driving on slippery roads or are forced to take extreme evasive action. And if an accident simply cannot be avoided, you and your fellow occupants are given added protection by the same world-leading safety systems that save lives in other Volvo cars.

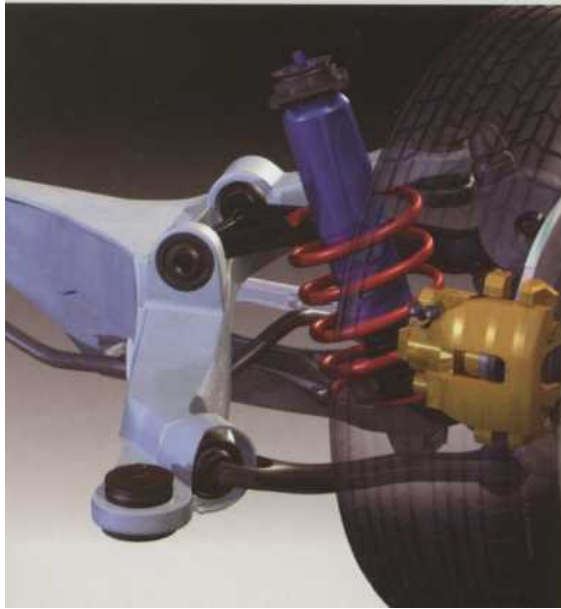


WHIPS (Whiplash Protection System) reduces the strain on the spine and neck in rear-end collisions. It is integrated in the front seats and is activated by a sufficiently severe rear impact.

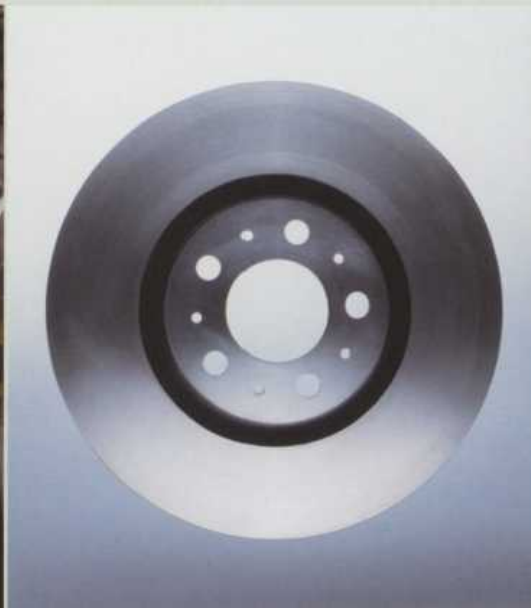
Volvo's unique SIPS side-impact protection system uses a large part of the car body to absorb the force of an impact. The IC (Inflatable Curtain) and side airbags provide maximum protection for the head and chest in a side impact.

# PERFORMANCE

THE MOST EXHILARATING PLACE TO EXPERIENCE THE SAFETY OF THE CAR IS BEHIND THE WHEEL. THE BALANCE, THE STABILITY, THE RESPONSE - THE CAR RESPONDS OBEDIENTLY TO YOUR EVERY COMMAND WITHOUT TAKING YOU BY SURPRISE. YOU ARE IN FULL CONTROL AND CAN ENJOY THE FEELING THAT ONLY ONE OF THE SAFEST CARS IN THE WORLD CAN GIVE.



Multi-link rear suspension maintains practically constant wheel angles and track width. It provides you with both pleasant ride comfort and well-balanced, consistent road manners.



You can fully enjoy the response of an agile chassis and a smooth five-cylinder engine ranging from 140 bhp to 250 bhp. When needed, a powerful anti-lock braking system featuring EBA\* (Emergency Brake Assistance) is at your disposal.

Included with DSTC



Power is in your hands. In Automatic mode, the Geartronic transmission\* adapts its gearchanging pattern to suit your driving style. And if you want to drive more actively, just switch over to Manual mode (option - standard on D5 AWD).

The low centre of gravity and even weight distribution contribute to the stable road behaviour. Add a torsionally stiff body and one of the most advanced chassis in the automotive world - and you get exceptionally good roadholding. Front or All Wheel drive and independent wheel suspension have been combined with sophisticated multi-link rear suspension. The result is stable and

predictable roadholding and, not least, first class ride comfort. The STC (Stability and Traction Control) anti-spin system ensures that the driven wheels get just the right amount of power so that they retain a firm grip on the road. DSTC (Dynamic Stability and Traction Control)\* detects and counteracts any tendency to skid by braking the wheels necessary to retain control.

\* Standard on 2.4T, 2.5T AWD and T5



## VOLVO V70 AWD

The new electronically controlled all-wheel drive system (AWD) adds yet another dimension to the driving experience in the Volvo V70. The AWD system is optimised to provide superior roadholding and get-you-there ability under all driving conditions. It responds extremely swiftly, which makes it possible to balance understeering and oversteering tendencies with exceptional precision.

For example, during rapid acceleration or forced cornering, drive is redistributed seamlessly between the front and rear wheels within a mere fraction of a second - depending on what is needed to provide maximum driving stability. Behind the wheel, you'll never be aware when the AWD system engages and disengages - you just enjoy that superb feeling of total control.

brakes and other functions so as to always respond optimally to current driving conditions.

Making your way ahead on slippery road surfaces is no problem. The AWD system's short reaction time gives immediate drive to the wheels that need it so you can make swift progress and maintain control even under difficult conditions. At low speeds, Volvo's anti-spin system, TRACS, ensures that the wheel with the best grip gets most power. And in order to ensure driving stability in all conditions, you can supplement AWD with the DSTC\* anti-skid system.

The engine is a newly-developed light-pressure petrol turbo engine producing 210 bhp or a direct injection turbodiesel of 163 bhp.

standard on 2.5T AWD

The AWD system communicates continuously with the engine, the DSTC system, the



Normally, the front wheels get almost all the power.

If the front wheels show any tendency to spin, the AWD system responds within fractions of a second by engaging all-wheel drive for maximum stability.

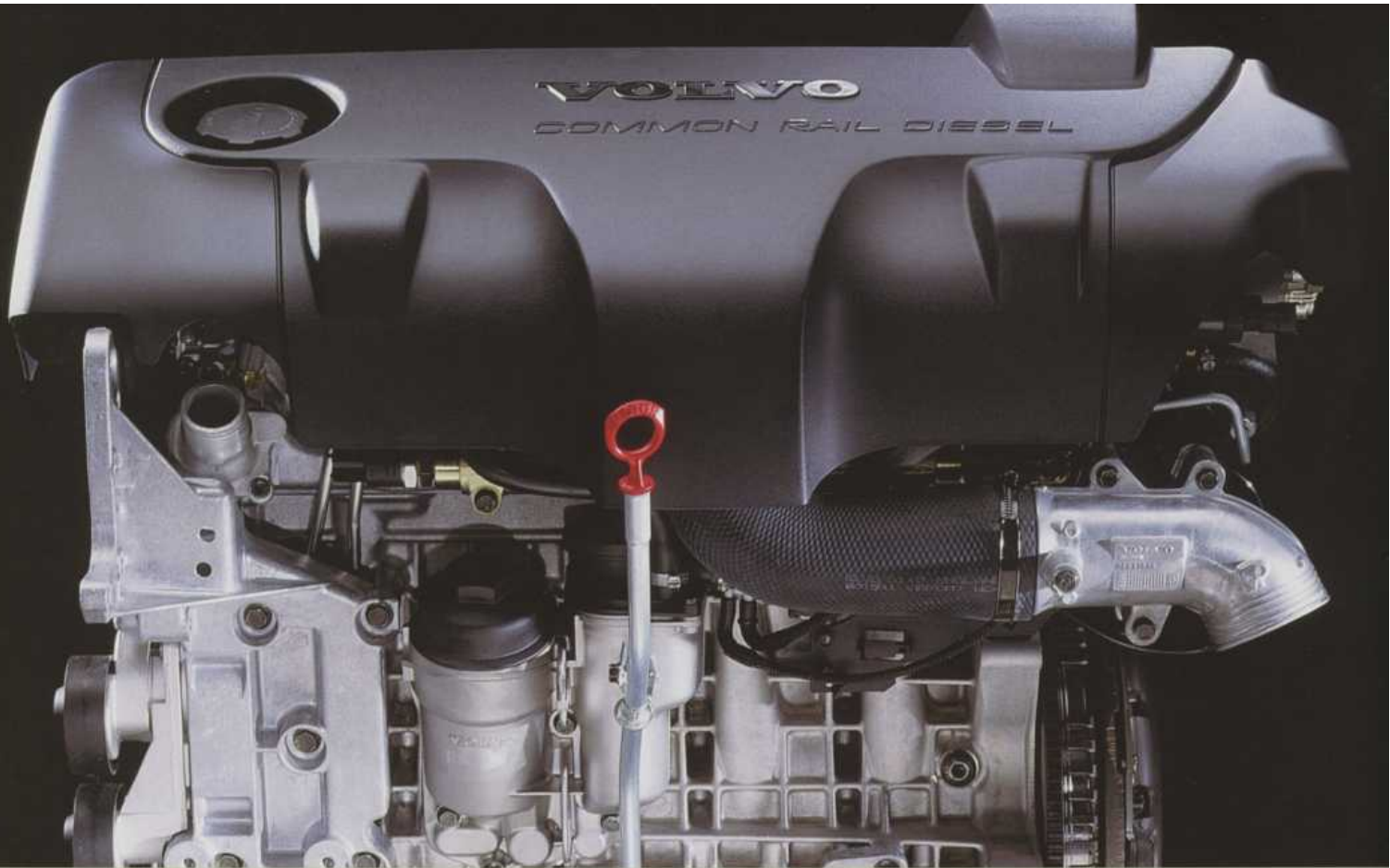
If a wheel spins on one side, more power goes instantly to the opposite wheel.



When braking, the car disengages drive to the rear wheels the moment you touch the brake pedal, preparing itself to maximise control and roadholding.

In order to get going, only one wheel needs to have a grip on the road.

If you carry heavy loads, the rear wheels receive more power to maximise driving stability.



## ENGINE AND TRANSMISSION

### **VOLVO V70 T5 (250 BHP)**

This turbocharged in-line five-cylinder 2.3-litre petrol engine yields very high torque over most of the engine speed range. The engine pumps out its full torque potential (330 Nm) from 2400 rpm and takes the car from 0 to 62mph in 7.1 seconds with manual transmission. The high charge-air pressure in the turbo means extra power at high engine speeds - this is an engine that inspires sporty driving. Low internal friction and variable valve timing on the exhaust side give low fuel consumption and cleaner emissions in all driving conditions.

### **VOLVO V70 2.5T AWD (210 BHP)**

The newly-developed in-line five-cylinder 2.5-litre turbocharged petrol engine provides a beautifully balanced and alert driving experience. You have access to full engine torque (320 Nm) from as little as 1500 rpm - so you can move off smartly and seldom need to change down for overtaking. The very latest advances in engine technology with low internal friction and variable valve timing for both inlet and exhaust valves provide excellent performance and cleaner exhaust emissions under all driving conditions. And at the same time, you benefit from modest fuel consumption.

### **VOLVO V70 2.4T (200 BHP)**

The in-line five-cylinder 2.4-litre turbocharged petrol engine yields maximum torque (285 Nm) from 1800 rpm - so you can move off smartly and seldom need to change down for overtaking. You accelerate from 0 to 62mph in 7.9 seconds with manual transmission. Low internal friction and variable valve timing on the exhaust side give low fuel consumption and cleaner emissions in all driving conditions.

### **VOLVO V70 2.4 (140 BHP)**

### **VOLVO V70 2.4 (170 BHP)**

The 2.4-litre five-cylinder petrol engine inspires a relaxed driving style. At the same time, you can enjoy swift, safe overtaking. It has low internal friction combined with electronic engine management and variable valve timing on the inlet side. This means both fine performance and low fuel consumption. With highly efficient combustion and emission control, this engine meets the strict European 2005 emission requirements.

### **VOLVO V70 D5 (163 BHP)**

### **VOLVO V70 D5 AWD (163 BHP)**

Volvo's direct-injected five-cylinder 2.4-litre all-aluminium turbodiesel engine harmonises with the dynamic properties of the Volvo V70. The very latest diesel engine technology featuring common rail direct injection and variable turbine geometry results in alert response, exceptionally smooth operation, remarkable pulling power and, not least, superior fuel economy. High torque (340 Nm) from 1750 rpm provides excellent performance whatever the driving conditions. The low weight of the engine contributes to the low fuel consumption and the well balanced road behaviour.

### **VOLVO V70 BI-FUEL CNG/PETROL (140 BHP)**

### **VOLVO V70 BI-FUEL LPG/PETROL (140 BHP)**

The 2.4-litre five-cylinder Bi-Fuel engine benefits both the environment and your wallet - without compromising driving pleasure. It is available in two variants: one powered by CNG (natural gas or biogas) and one that runs on liquefied petroleum gas (LPG). When driving on gas, hazardous emissions are much lower than when running on conventional fuels. Both engines use petrol as the reserve fuel. The location of the fuel tanks under the load compartment floor allows you to utilise the entire load area without any loss of cargo capacity.

**MANUAL GEARBOX**

If you prefer a more involving driving style, you will enjoy the smooth and distinct five-speed all-synchromesh manual gearbox.

**AUTOMATIC TRANSMISSION**

The responsive five-speed adaptive automatic registers your driving style and adapts the gearchanging pattern accordingly. A special Winter mode makes it easier to get moving - and keep moving - on slippery roads.

**GEARTRONIC TRANSMISSION**

Gives you two gearboxes in one: firstly, an adaptive five-speed automatic transmission for relaxed driving and secondly a manual gearbox if you want to drive more actively. In Automatic mode, the transmission adjusts gearshifting patterns to suit the individual driver. A separate Winter mode makes it easier to get under way when conditions are slippery. In Manual mode, you change up by pushing the gear lever forwards and down by pulling the lever towards you. (Available as an option only with the 200-bhp, 210-bhp and 250-bhp turbo engines, standard in the Volvo V70 AWD D5.)

**STC ANTI-SPIN SYSTEM**

STC (Stability and Traction Control) enhances driving stability on slippery roads. If one or both of the drive wheels starts to spin, the torque is restricted instantaneously so that the wheel can regain its grip. STC also makes sure that you can get moving more easily if you have to start off on a slippery surface. It also increases stability when cornering and reduces understeer when accelerating out of a curve.

**DSTC ANTI-SKID SYSTEM**

DSTC (Dynamic Stability and Traction Control) gives you the benefits of the STC anti-spin system while automatically counteracting a skid as it starts, well before you even notice. If there is any tendency to slide, the brakes are instantly applied to one or more wheels as necessary to retain control. The system also includes EBA (Emergency Brake Assistance) which helps cut the stopping distance in emergency braking.

**LOAD COMPENSATING SUSPENSION**

For more stable roadholding, better comfort and unaffected ground clearance when driving with heavy loads or using the car for towing. The shock absorbers are automatically adjusted up to the level the car would have without the extra load. When the load is removed, the shock absorbers automatically return to their original position.

**LOWERED FWD CHASSIS**

The chassis and wheels are matched to the engine to give you a harmonious driving experience. And if you put sporty driving ahead of comfort, you can specify your front-wheel drive Volvo V70 with a lowered sports chassis that has stiffer shock absorbers and a more robust rear anti-roll bar. Must always be combined with load compensating suspension.





#### **12-INCH SUB-WOOFER**

Provides really full bass reproduction at all volumes. With built-in 150 W amplifier. Hidden beneath the load compartment floor. Available for the Premium Sound and High Performance audio systems. Not in combination with the extra seat.

#### **DOLBY SURROUND PRO LOGIC`**

The radio HU-803 features Dolby Surround Pro Logic with a built-in sound processor and a centre loudspeaker on the instrument panel. The result is clear, open and natural three-dimensional sound with a distinct presence. The audio experience is unique in the car world - you and your front seat passenger will enjoy the music as if you were sitting in a concert hall.



## **AUDIO AND ENTERTAINMENT**

TO THE DRIVING EXPERIENCE YOU CAN ADD AN AUDIO EXPERIENCE THAT YOU WILL FEEL THROUGHOUT YOUR BODY. THE 475 W PREMIUM SOUND AUDIO SYSTEM INCLUDING DOLBY SURROUND PRO LOGIC` AND A POWERFUL SUB-WOOFER SURROUNDS YOU AND YOUR PASSENGERS WITH NOTHING LESS THAN WORLD-CLASS SOUND - JUST LIKE HAVING YOUR FAVOURITE ORCHESTRA ALONG FOR THE RIDE.



#### **REMOTE CONTROL FROM THE STEERING WHEEL**

Makes it possible to adjust the volume, switch radio stations and play the previous or next track without taking your hands off the wheel. Also used for operating the integrated phone. With illuminated buttons.

#### **RTI NAVIGATION SYSTEM WITH TV**

The RTI navigation system can be supplemented with a TV for terrestrial channels. The 6.5" wide-screen monitor gives high picture quality. The audio system is used for the sound (HU-803 or HU-603). You and your passengers can watch TV when the car is at a standstill. To avoid distracting the driver, the TV picture is automatically switched off at speeds above 3 km/h. (Available in the PAL colour TV system)



#### PERFORMANCE AUDIO SYSTEM

A great-sounding combination of economy and performance. With up to 8 loudspeakers. Integrated radio with built-in CD player/cassette player or just cassette player.

- HU-603 RDS radio with built-in 4x25 W amplifier, CD player/cassette player and up to 8 loudspeakers
- Can be supplemented with a separate 10 CD changer, remote control from the steering wheel and CD box in the glove compartment

#### HIGH PERFORMANCE AUDIO SYSTEM

High-class audio system to meet high demands on natural sound reproduction. With up to 9 or 10 High Performance loudspeakers and a separate 4x50 W amplifier. Also available with Dolby Surround Pro Logic\*. Integrated radio with built-in CD changer or CD player/cassette player.

- HU-803 RDS radio with built-in 4-CD changer, Dolby Surround Pro Logic, 9 High Performance loudspeakers and a separate 4x50 W amplifier plus 25 W for the centre loudspeaker
- HU-603 RDS radio with built-in CD player/cassette player, 8 High Performance loudspeakers and a separate 4x50 W amplifier
- Can be supplemented with a separate 10-CD changer, 1 2-inch sub-woofer, remote control from the steering wheel and CD box in the glove compartment

#### PREMIUM SOUND AUDIO SYSTEM

Uncompromising audio system of world class for the truly discerning music-lover, featuring up to 11 or 12 Premium Sound loudspeakers and a separate 4x75 W Premium Sound amplifier. The power sensitivity and excellent transient reproduction of the loudspeakers in combination with the high capacity of the amplifier mean extremely good resolution and perfect dynamics - enabling you to enjoy natural sound at all levels. Also available with Dolby Surround Pro Logic\*. Integrated radio with built-in CD changer or CD player/cassette player.

- HU-803 RDS radio with built-in 4-CD changer, Dolby Surround Pro Logic, 11 Premium Sound loudspeakers and a separate 4x75 W Premium Sound amplifier plus 25 W for the centre loudspeaker
- HU-603 RDS radio with built-in CD player/cassette player, 10 Premium Sound loudspeakers and a separate 4x75 W Premium Sound amplifier
- Can be supplemented with a separate 10-CD changer, 1 2-inch sub-woofer, remote control from the steering wheel and CD box in the glove compartment

\*Dolby and Pro Logic are trademarks of Dolby Laboratories Licensing Corporation.

**NB** if you choose the Berghamn upholstery, the Premium Sound loudspeakers cannot be fitted afterwards but must be ordered at the same time as the car. With other upholsteries, the door panels already have provision for Premium Sound.

## FOR DRIVING FREEDOM

IN ORDER TO FURTHER ENHANCE THE DRIVING EXPERIENCE, YOU CAN SPECIFY A VARIETY OF SPECIALLY DESIGNED OPTIONS. THERE IS EVERYTHING FROM VOLVO'S ADVANCED COMMUNICATION AND NAVIGATION EQUIPMENT TO FEATURES THAT MAKE YOUR TIME BEHIND THE WHEEL EVEN SAFER AND MORE COMFORTABLE.



### RTI NAVIGATION SYSTEM

Helps you find the fastest route to your destination and to the nearest parking-place, hotel, petrol station, restaurant, tourist site and so on. Audible instructions guide you when necessary. On the display screen, you can see where you are and how far you have left. You also receive advance warnings of traffic tailbacks and suggestions for alternative routes (not currently available in the UK). The system is controlled via menus and you do not need to take your hands off the wheel. All map-based information covering Western Europe is stored on one single DVD disc. RTI is also available with television.



### INTEGRATED HANDS-FREE GSM PHONE

Allows you to make and answer phone calls using the buttons in the steering wheel or the integrated keypad in the centre console. You can also read and send SMS messages when the car is at standstill. The extra handset in the front centre armrest allows you or one of your passengers to carry on a private conversation.



### ECC (ELECTRONIC CLIMATE CONTROL)

Maintains the set temperature inside the car, however much the temperature outside fluctuates or the sun shines in. Adjustable ventilation vents for the rear-seat passengers are included. The interior air quality system helps prevent exhaust gases and odours from entering via the ventilation system, the air inside the cabin is cleaner than the air outside.



**AUTOMATIC ANTI-DAZZLE REAR-VIEW MIRROR**

Prevents you from being dazzled by headlights from behind.



**ELECTRICALLY-ADJUSTABLE FRONT SEATS**

Makes it particularly easy to adjust the seating position. The driver's seat is available with a memory function for three separate settings - highly practical when taking turns at the wheel.



**CRUISE CONTROL**

Allows you to drive in extra safety and comfort without having to keep your foot on the accelerator. Easy to operate via buttons set into the steering wheel.

**RAIN SENSOR**

Activates the windscreen wipers as soon as it starts to rain or if water splashes onto the windscreen. The degree of sensitivity can be adjusted via a ring on the wiper stalk.



**BI-XENON LAMPS**

Provide you with even better low and high beams in all conditions without dazzling oncoming traffic. Low beam is adjusted automatically to provide the best possible light pattern when the car is heavily laden.



**FOLDING TABLE**

The folding table is hidden in the centre rear seat cushion when not in use.



**JACKET HOOK**

Your jacket is within easy reach without obscuring rearward vision.



<b>FUEL ECONOMY</b>	<b>CYCLE*</b>	<b>mpg</b>	<b>l/100km</b>
	URBAN	14.9-31.4	19.0-9.0
	EXTRA URBAN	26.9-52.3	10.5-5.4
	COMBINED	20.8-42.2	13.6-9.1
	<b>CO<sub>2</sub> EMISSIONS</b>	<b>171-258</b>	

**VOLVO**

Volvo Car UK Limited  
[www.volvocars.co.uk](http://www.volvocars.co.uk)

