

VOLVO
for life



VOLVO
XC70



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.

CRUMPLE ZONES

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

SAFETY CAGE

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

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 steel safety grille protects passengers from luggage when braking sharply. In addition, all the seats are designed to withstand considerable pressure from unsecured loads.



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

An 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. A remotely controlled alarm is standard.

Standard.

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 rear seat 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).

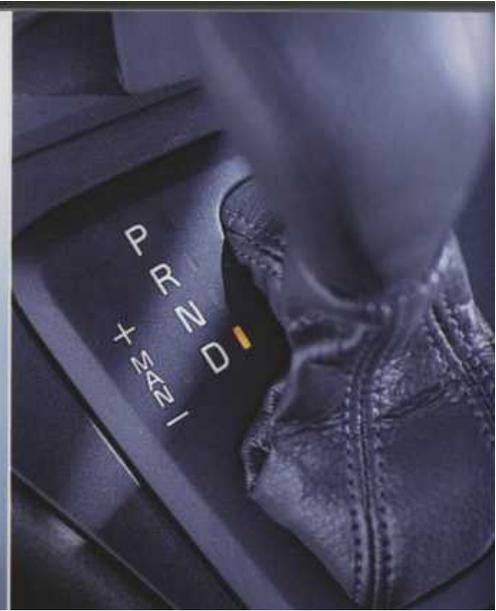
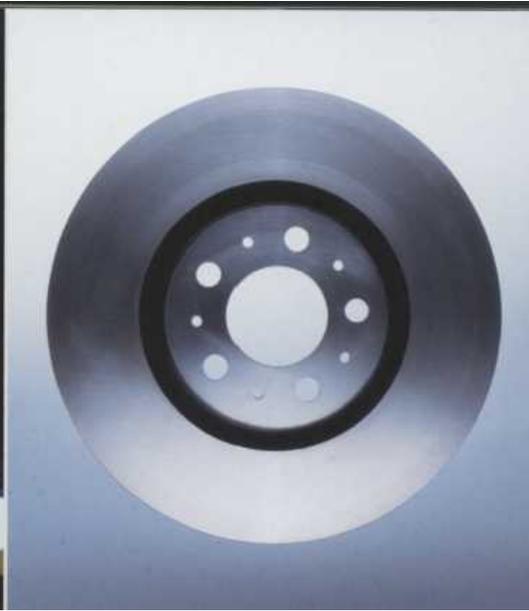
THE THRILL OF EXCITEMENT FOCUSES THE SENSES AND ENHANCES THE SENSATION OF BEING ALIVE. THE FEELING OF BEING SAFE ADDS TO BALANCE AND HARMONY - ALLOWING YOU TO ENJOY THE EXPERIENCE TO THE FULL. WHICH EXPLAINS WHY THE VOLVO XC70 IS ALSO ONE OF THE WORLD'S MOST SAFETY-MINDED CARS.

In a Volvo XC70, safety is built in from the very start. An advanced chassis and powerful brakes give you full control in all situations. All-wheel drive and 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.



Volvo's new electronically-controlled, all-wheel drive system and a full 20 cm of ground clearance produce a unique combination of stability, comfort and the ability to get around.

You can fully enjoy the response of an agile chassis and a smooth five-cylinder turbocharged engine producing 210 bhp or 163 bhp. When needed, a powerful anti-lock braking system featuring EBA* (Emergency Brake Assistance) is at your disposal.

*Included in DSTC - standard on 2.5T.

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 in D5).

EMPOWERMENT

IF THE REASON FOR GETTING THERE IS QUITE SIMPLY BECAUSE IT IS THERE... OR BECAUSE YOU WANT TO CHALLENGE YOUR OWN CAPACITY AND LEARN SOMETHING ABOUT YOURSELF... OR BECAUSE YOU WANT TO HAVE A GOOD TIME IN THE COMPANY OF GOOD FRIENDS IN THE OPEN AIR. THE VOLVO XC70 MAKES IT HAPPEN - WHETHER YOU TAKE THE HIGHWAY, THE TWISTING COUNTRY ROAD OR THE REMOTE FOREST TRACK KNOWN ONLY TO A FEW.

The Volvo XC70 is an exceptionally rewarding all-road driving experience. The low centre of gravity and even weight distribution contribute to its stable road behaviour. Multilink rear suspension provides both first class ride comfort and well-balanced, consistent road manners. Driving stability is further aided by the electronically controlled AWD system.

Drive is automatically distributed between the front and rear wheels within fractions of a second, as current conditions demand. DSTC (Dynamic Stability and Traction Control) automatically detects and counteracts any tendency to skid by braking the wheels necessary to retain control.

ALL-WHEEL. ALL-WEATHER. ALL-ROAD.

WHEN THE ROAD IS DRY

The new electronically controlled all-wheel drive system (AWD) 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 of when the AWD system engages and disengages - you will just enjoy that superb feeling of total control.

The AWD system communicates continuously with the engine, the DSTC system, the brakes and other functions so as to always respond optimally to current driving conditions.

WHEN THE ROAD IS SLIPPERY

The advantages of Volvo's AWD system are particularly noticeable on slippery roads. Since the wheel pair with the best grip always receives most power, the car is outstandingly stable. And 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. So, in order to get going, only one wheel needs to have a grip on the road.



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.

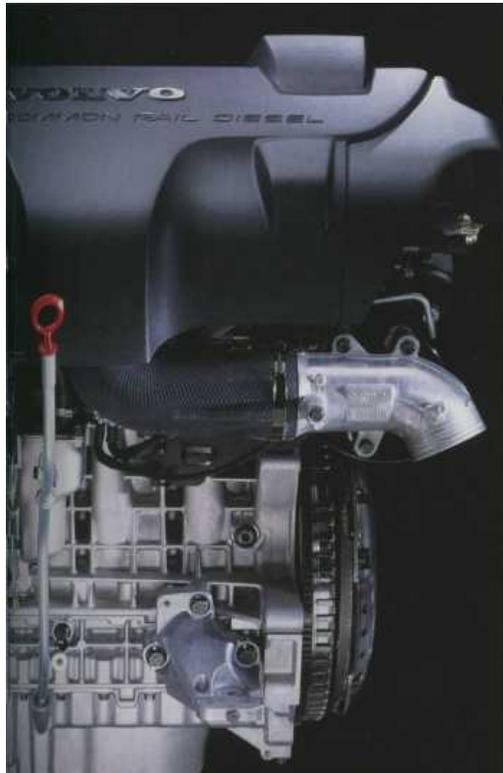


When braking, the car disengages drive to the rear wheels the moment you touch the brake pedal, preparing itself to maximise control and roadholding.

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 XC70 2.5T (210 BHP)

The 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 a modest fuel consumption.

VOLVO XC70 D5 (163 BHP)

Volvo's direct-injected five-cylinder 2.4-litre all-aluminium turbodiesel engine harmonises with the dynamic properties of the Volvo XC70. 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 engine weight contributes to the low fuel consumption and the well-balanced road behaviour.

MANUAL GEARBOX

If you prefer a more involving driving style and don't normally need to haul heavy loads in awkward situations, you will enjoy the smooth and distinct all-synchromesh manual gearbox. (Standard in the Volvo XC70 2.5T, not available in the Volvo XC70 D5.)

GEARTRONIC TRANSMISSION

With Geartronic automatic transmission, you get 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 registers your driving style and adapts the gearchanging pattern accordingly. The auto transmission is also perfect if you need to get the car to crawl slowly with a heavy load under difficult conditions. 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. (Standard in the Volvo XC70 D5 and optional in the Volvo XC70 2.5T.)

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. Standard on 2.5T, option on D5.

ALUMINIUM ENGINE PROTECTION SHIELD

Protects the engine, sump and transmission from bottoming when driving on really bad roads (Accessory).

LOAD COMPENSATING SUSPENSION

For more stable roadholding, better comfort and un-affected 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 (Standard).

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 the concert hall.



AUDIO AND ENTERTAINMENT

IT'S NOT JUST ABOUT 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" widescreen monitor gives high picture quality. The audio system is used for the sound. 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.)



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
- 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 1 1 or 1 2 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, 1 1 Premium Sound loudspeakers and a separate 4x75 W Premium Sound amplifier plus 25 W for the centre loudspeaker

- Can be supplemented with a separate 1 0-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.

- Electrically-operated glass sunroof
- Park Assist, rear
- Coin holder
- Electrically-adjustable seat, driver or driver/passenger
- Memory for electrically-adjustable driver's seat and outer rear-view mirrors
- Front armrest with multiple functions
- PC table
- Notepad
- Reading lamp
- Business bag
- Storage box, lockable
- Cupholder, front
- Ashtray
- Cigarette lighter
- Integrated hands-free GSM phone
- Hands-free for GSM pocket phone
- RTI navigation system
- Rain sensor
- Bi-Xenon headlamps
- Auxiliary lamps
- Snow chains
- Headlamp wash/wipe
- Heated seats, front

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

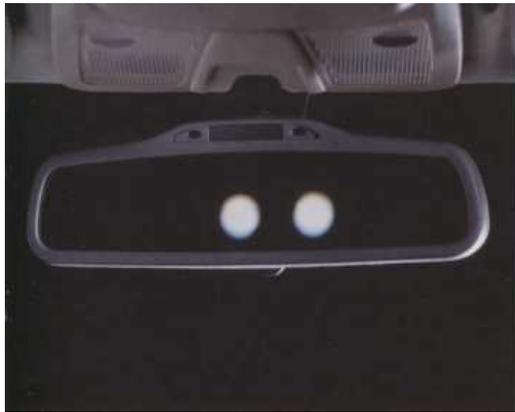
Allows you to make and answer phone calls using the buttons in the steering wheel or the integrated keypad in the centre console. You can also read and send SMS messages when the car is at standstill. The extra handset in the front centre armrest allows you or one of your passengers to carry on a private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

Make 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. Driving lights, also shown, improve light distribution on full beam.



COAT HANGER

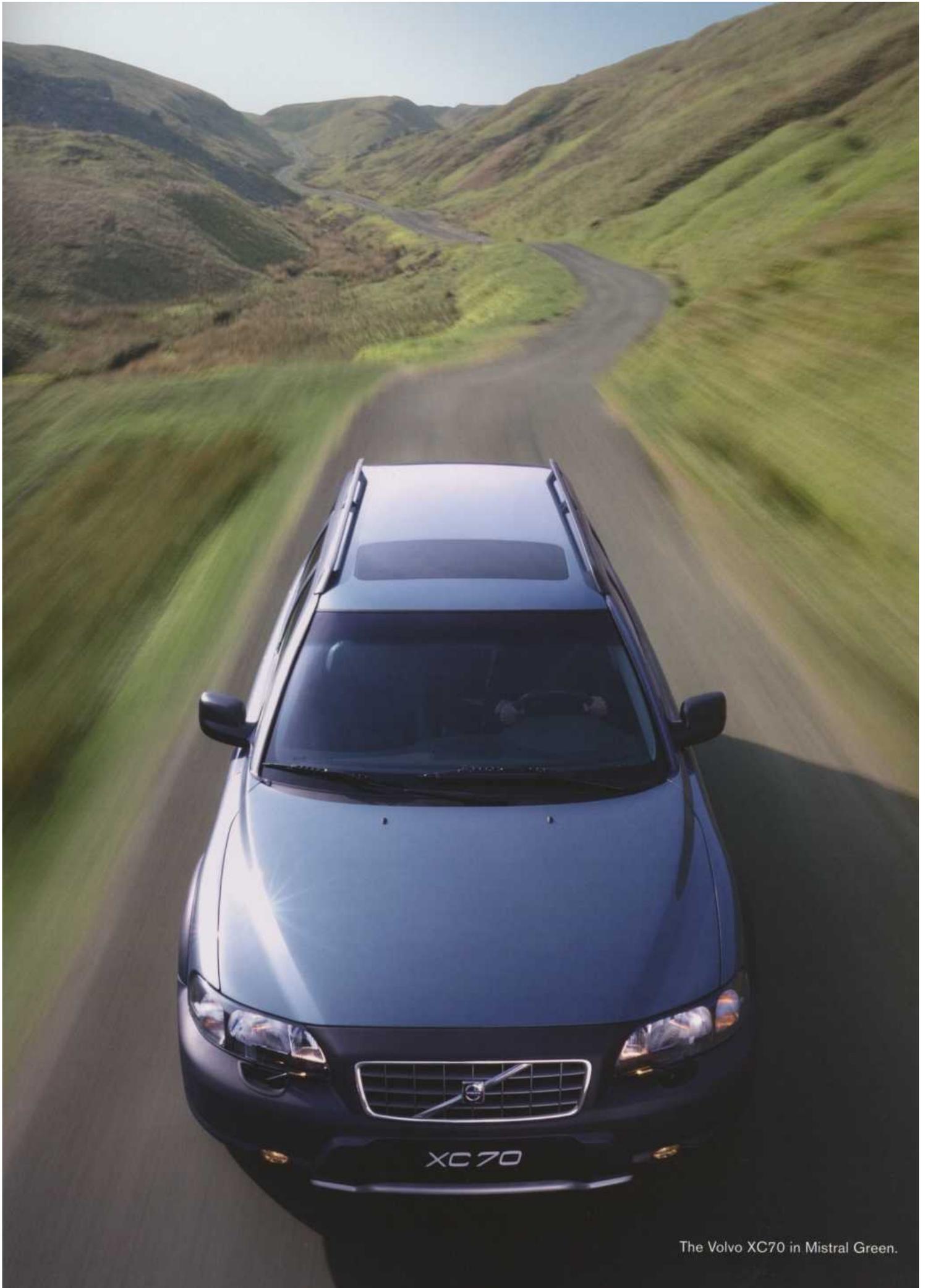
Your jacket is within easy reach without obscuring rearward vision.



INTEGRATED ELECTRIC COOLER BOX

You and your passengers will always have cold drinks at hand. Includes practical features such as cupholders and a storage pocket for small items. It is easy to install and remove. Replaces the centre section of the three-part rear seat.

FUEL ECONOMY	CYCLE*	mpg	l/100km
	URBAN	18.2 – 24.8	15.5 – 11.4
	EXTRA URBAN	31.7 – 41.5	8.9 – 6.8
	COMBINED	25 – 33.2	11.3 – 10.4
	CO₂ EMISSIONS	226 – 270	



The Volvo XC70 in Mistral Green.

VOLVO

Volvo Car UK Limited
www.volvocars.co.uk

