Volvo, for life. A passion for safety and the environment – for well being inside and outside your Volvo.
In touch with the mood of the road—guided by dynamic intuition.

Imagine, just for a moment, a car that is blessed with power, control and an understanding of what goes on around it. The tensions of an unfamiliar route become smaller. The joys of an unexplored road become greater. And a perfect drive becomes a reality. The Volvo S80.
At ease in any situation, attentive to your every move.
The expressive stance and the graceful curve of the roofline accentuate the new Volvo S80's spirited elegance and head-turning good looks–whether you're pulling into a parking space or onto the open road.
Performance and intelligence in complete accord.

**Volvo S80 V8 AWD (311 hp)**
A highly refined and compact 4.4-liter engine that delivers up to 325 ft./lbs. of torque. Variable cam timing and the variable intake system contribute to exceptional fuel economy. And thanks to innovative emission control technology, it complies with the toughest environmental demands, such as California’s Ultra Low Emission Vehicle (ULEV) II.

**Volvo S80 T6 AWD (281 hp)**
A new member of the Volvo range, this 3-liter engine offers smooth and fuel-efficient performance for the demands of everyday driving. But when the need arises (or if you’re just in the mood), it provides an exhilarating boost of turbo power that puts 281 hp and 295 ft./lbs. of torque at your disposal. ULEV II compliant.

**Volvo S80 3.2 (235 hp)**
An in-line six-cylinder engine. Also transversely mounted for generous deformation zones, this 3.2-liter engine offers smooth and fuel-efficient performance for the demands of everyday driving. Variable cam timing and the variable intake system ensure exceptional performance and fuel economy. ULEV II compliant.
Power and control. How often do you find them in perfect harmony? The Volvo S80 offers fluid performance. Drivetrain and chassis perform as one. Acceleration is never delayed. Livelihood is assured by immediate response throughout the entire range of rpm. Modest fuel consumption is the product of low internal friction and advanced engine management. And of course, environmental demands are met—often with room to spare.
Intuitive technology at every turn.
Dynamic Stability and Traction Control (DSTC)

Volvo’s DSTC includes a number of functions that help enhance the safety and pleasure of driving. It improves traction in slippery situations by controlling the rotational speed of the drive wheels. By reducing the engine’s power output or by braking one or more wheels, the system helps to counteract skids. It can also be set to allow a certain degree of wheel spin to provide better traction in snowy conditions.

Continuously Controlled Chassis Concept (Four-C)*

Further refined, Four-C now provides a choice of three distinctive driving modes—Comfort, Sport or Advanced. Whichever you choose, the system monitors the car, road and driver 500 times per second, simultaneously adjusting each shock absorber to maintain optimal handling. At the heart of the system is Volvo’s semi-active suspension with continuously variable Monroe-Öhlins shock absorbers. Furthermore, Four-C interacts with the DSTC system, engine, brakes and steering to support your chosen handling style.

*Optional

The Volvo S80 has an uncanny feeling for your safety. Active Bi-Xenon headlights not only provide twice the illumination of conventional ones, they also pivot to help you see around curves. New features in the brake system help you bring things to a quick stop when the need arises while also providing an extra warning to fellow motorists. Dynamic Stability and Traction Control helps keep things on course. And the new adaptive cruise control makes highway driving a genuinely relaxing experience by not only helping to maintain a constant speed but also a set distance to the vehicle in front of you.

All-Wheel Drive with Instant Traction™

The AWD system available on the Volvo S80 is electronically controlled and has been developed with the high torque of the larger engines in mind. Constant hydraulic pressure ensures that power is promptly distributed among the wheels, with the least grip. Wheel slip is monitored while acceleration and stability are adjusted, even in slippery conditions. When cornering on long and dry roads, the four-wheel drive transmits up to 85% of the power to the rear. As conditions change, up to 50% of the power can be directed to the front wheels. Wheel spin is minimized while acceleration and stability are enhanced, even in slippery conditions. When cruising on straight, dry roads, the front wheels receive up to 95% of the power for efficiency. As conditions change, up to 50% of the power can be directed to the rear. When cornering, the system channels power back and forth to provide sharp turning and greater stability throughout the curve.

Transmission

All available engines are mated to a six-speed Geartronic transmission. Leave it in automatic mode for carefree driving, or nudge it into manual mode to shift gears yourself. The sixth gear is an overdrive, providing smooth and fuel efficient highway travel.

Continuous-Flow Controlled Chassis Concept (Four-C)*

Further refined Four-C now provides a choice of three distinctive driving modes—Comfort, Sport or Advanced. Whichever you choose, the system monitors the car, road and driver 500 times per second, simultaneously adjusting each shock absorber to maintain optimal handling. At the heart of the system is Volvo’s semi-active suspension with continuously variable Monroe-Öhlins shock absorbers. Furthermore, Four-C interacts with the DSTC system, engine, brakes and steering to support your chosen handling style.

*Optional
Inner comfort is more than a sense of well being.
IAQS*
Interior Air Quality System monitors incoming air for certain unhealthy gases such as carbon monoxide and ground-level ozone. If necessary, it will temporarily close external air vents to shut them out. Meanwhile, an active charcoal filter prevents dust, exhaust particles, pollen and unpleasant odors from entering the car through the ventilation system. *Optional

Ventilated front seats*
Ventilated front seats are available with a choice of three settings. The comfort setting maintains body temperature (approx. 98°F) by drawing air through the perforations in the leather and cushioning of the seat. Utilizing the car's air conditioning system, the cool air keeps the seat dry and comfortable in hot weather or on long trips. And when it's cold outside, the Volvo S80 front seat heaters provide three levels of warming comfort. *Included in Sport Package

Ergonomics
Because no two bodies are identical, the driving position is highly adaptable. The seat and steering column offer a wide range of settings. The adjustable steering column helps the driver to fine tune the ergonomics. The layout of the instrument panel is pleasing and efficient.
A seat belt reminder alerts the occupants of the front seats to fasten their seat belts. The power driver’s seat includes a memory function to save seating and door mirror positions for up to three drivers. On V8 AWD models, the Power Parking Brake (PPB) is an electronic system that automatically releases the brake when the car starts to move.
The Dynaudio Sound System is in a class of its own. The class D digital amplifier generates 5x130 watts of music. Dolby® Pro Logic® II surround sound*, with its center speaker and sound processor, recreates a sound that’s equally authentic in each seating position. There are 12 speakers developed by the Danish specialist, Dynaudio. Just for the Volvo S80.

Dynaudio Sound System includes:

• R D S  R a d i o
•  5x130 watts class D digital amplifier
•  Dolby Pro Logic II surround sound
•  12 speakers by Dynaudio in-dash 6-CD
•  MP3 and WMA compatible 6-CD player
•  A U X  i n p u t
•  Steering wheel remote control

*Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories.

High Performance (standard)

A versatile sound system specially configured to the Volvo S80 interior. The High Performance amplifier, together with its high-end speakers, promotes excellent transient reproduction, high power durability and low distortion—in other words, superb sound.

High Performance includes:

• R D S  R a d i o
•  4x40 watts amplifier
•  8 High Performance speakers in-dash 6-CD
•  MP3 and WMA compatible 6-CD player
•  A U X  i n p u t
•  Steering wheel remote control

Premium Sound. Playing at a theater near you.

This particular premium sound system is a landmark in automotive audio. The story begins a few decades ago when we started developing car audio and turned to some highly innovative partners. Driven by a group of passionate sound engineers, the collaboration that followed has flourished ever since. It led to the creation of Dolby Pro Logic II surround sound (first used in a Volvo), and even recently to Dolby Pro Logic IIx, the theater technology that recreates sound so that everyone gets to enjoy it. From the class-D amplifier—a solution developed together with Alpine and Bang & Olufsen—the pleasure is then brought down by Dynaudio, the danish speaker specialist that makes equipment for recording studios around the globe, and now for your Volvo S80.

The Premium Sound system’s Dynaudio high-end speakers are powered by a 5x130 watts digital amplifier. These include three separate drivers (woofer, midrange and tweeter) in both front doors, and a similar set up in the rear doors with separate drivers and tweeter. Each speaker is individually positioned at a specific angle to avoid feedback, to power them, the 5x130 watts digital class D amplifier feature new technology that I’ve generated the most audio power from the least amount of current.
The Personal Car Communicator—keeping you in touch with your Volvo.
Standard security features such as the sturdy door locks and electronic immobiliser help to prevent the tangible aspects of a break-in. The Personal Car Communicator on the other hand, offers you the comfort of knowing the car’s status when you left it—even when you can’t see it.

**Personal Car Communicator (PCC)**
The PCC is an advanced remote control that combines keyless drive with one-way communication with your Volvo. Keep the PCC with you and the car unlocks automatically on your arrival. Start the engine by pressing the button on the dash, lock the car by pressing the PCC button in the door handle. The Personal Car Communicator is an optional feature. More information on the PCC is available on request. If you need to locate the PCC, recall the last location where you used it or if your PCC has been stolen, please contact your local Volvo retailer for further assistance.

**Keyless drive**
Keyless drive lets you lock, unlock and start the car without having the key in your hand. As long as you have the Personal Car Communicator (PCC) with you, pulling the door handle automatically unlocks the door. With your foot on the brake pedal, press a button on the instrument panel to start the engine. To lock the car, press a button in the door handle or lock it with the PCC.

**Remote controlled alarm**
Connected to the doors, hood, trunk and ignition, the alarm also reacts to the breaking of a window. A level sensor can be added to deter thieves from jacking-up the car and stealing your wheels. And in an emergency situation, the further option of a panic button on the remote control or on the PCC allows you to sound the alarm for help.

**Approach and Home Safe lighting**
Activated with the remote control or with the PCC. Approach Safe lighting provides a warm reception on a dark night. This consists of interior and side lights. If you choose it, Home Safe lighting is activated with the headlight stalk as you leave the car at night and provides a similar courtesy. This one includes low beam headlights to accompany you to your door.

**Ground lighting**
Integrated in the door mirror, ground lighting is activated with the remote control or with the PCC. Beyond enhancing security and being a courtesy at night, it’s also convenient when getting in and out of your car.

Your car is locked.

There’s somebody inside your car.

The alarm has been triggered.

Your car is unlocked.

Press here to see the actual status of your car (within a range up to 330 ft.) or the car’s status when you left it (when you’re out of range).
“Safety is our promise. People trust us, and that’s a big responsibility. This is what we think about daily when we make our safety decisions. We have to maintain this trust—not only with words, but with actions. That’s also why the safety in a Volvo always begins and ends in a real life situation.”

Ingrid Skogsmo, Director Volvo Car Safety Center

Inaugurated in 2000, the Volvo Car Safety Center in Göteborg is the world’s most advanced crash laboratory. All with the purpose to imitate traffic situations and crashes as they happen in real life. Here we recreate crashes with all kinds of vehicles and road obstacles at any angle from 0 to 90 degrees and speeds up to 75 mph. We perform realistic roll-over tests and test cars in terrain as well as against genuine Swedish granite rock-face—we can even simulate impacts with wild animals such as a 1100 lbs Swedish moose. Of course, these crash tests also incorporate advanced crash test dummies representing a wide range of sizes and ages—from infants to full-grown adults.

Every crash is thoroughly documented using high-speed cameras and analyzed into fragments of thousands of seconds. We even store crashed cars for a period for future reference. Beyond countless computer simulations, we conduct over 400
full-scale crash tests each year. These tests are based on what our Accident Research Team discovers on the road. Since 1970, our researchers have investigated over 36,000 real-life accidents. This gives us unique opportunities to learn what works in real life and what doesn’t—knowledge that actually helps save lives.

Life-saving knowledge
Many of the safety features found in a Volvo are based on the Volvo Accident Research Team. A few recent examples are the collapsible steering column, energy-absorbing frontal structure, Volvo front seatbelt system, the Side Impact Protection System (SIPS) and the Whiplash Protection System (WHIPS).

Recreating reality into its smallest details
Advanced crash simulations are an important means of conducting realistic crash tests of different components and in-dash safety systems. Our crash sleigh can recreate the exact movement the car makes the moment of impact, which is unique in the car world. The tipping affects the way occupants are restrained and is normally only possible to analyze through expensive full-scale crash tests.

Virtual crash tests
Super-computers make it possible for us to recreate different crash tests up to six times a day without crashing real cars. We use the technology to test new cars virtually even before they exist as prototypes, and we can incorporate extremely detailed virtual crash test dummies—we’ve even developed the world’s first pregnant crash test dummy. This makes the full-scale testing very effective, and enables us to focus our resources where they are most useful.
Sweden. Other car manufacturers come here for final car testing under harsh and capricious conditions. For us it's home. This is where we live and drive, 365 days a year. So it's no wonder Volvos are in a category of their own when it comes to active safety. Take, for example, our own proving ground Hällered with its 34 miles of test tracks—including different road types from all over the world. This is the top secret facility where we scrutinize our cars' ability to support their driver in all imaginable (and unimaginable) situations. On tracks aimed to reveal any weak spots, we expose all new Volvo models to extreme forces and conditions during hundreds of thousands of miles. Not to mention the distances driven on ordinary Swedish roads. Here's where innovative confronts reality. Here's also where we evaluate the interaction between the car and the driver. Because the most important safety feature in a Volvo is the driver. And the more efficiently the car’s onboard systems support you as driver, the safer things are for you and your passengers.

This is living it.
NEW TECHNOLOGY FOR A NEW DRIVING EXPERIENCE.

Ultimately, we're all in this together. So we loaded your Volvo S80 with state-of-the-art technology to support and help you make the right decisions. Inspired by technology normally found in fighter aircraft, systems like Volvo's Intelligent Driver Information System (IDIS) senses your workload and withholds incoming phone calls and other peripheral information in stressful situations. And to further assist you, there's the option of the radar-based Adaptive Cruise Control with Collision Warning and Brake Support. Apart from enhancing driving comfort, this can be useful to help you maintain a safe distance to the car in front of you. Collision Warning uses the same radar sensor to help you avoid or reduce the effect of a rear-end collision. Still, technology will never take the responsibility away from you as driver. The final decision is always in your hands. If these technologies help make you more alert and relaxed on the road, they will also contribute to the overall safety and well-being in your Volvo.

**Halogen Bi-Xenon Emergency Brake Light (EBL)**

Beyond the immediate response of the car’s brake lights, EBL warns other road users about your emergency braking status. When the car’s deceleration exceeds 0.7g, or when the anti-locking brakes are activated, an additional taillight on each side of the vehicle illuminates to help alert vehicles traveling behind you.

**Hydraulic Brake Assist (HBA)**

Helping the driver stop the car in the shortest possible distance, HBA employs a combination of vacuum and hydraulics. This ensures that the optimal braking power is always available when it’s needed. Additionally, the hydraulic power maintains brake pressure even through prolonged brake usage.

**Ready Alert Brakes (RAB)**

Reducing the braking distance further, RAB uses information such as the sudden release of the accelerator or the Adaptive Cruise Control to anticipate an emergency braking. It moves the brake pads closer to the discs and pre-charges the brake system to help speed brake response.

**Active Bi-Xenon Lights (ABL)**

Helping you to see around bends at night, this microprocessor-controlled lighting system uses data such as steering wheel angle and car speed. The motorized lights turn up to 15° in either direction when driving—reliably lighting up your chosen path.

A daylight sensor disengages the system during daytime to extend its lifespan.

*Optional

Double your illumination—twice Designed in a country characterized by cold and darkness for several months in a year, the headlights in a Volvo S80 combine superior reflector technology and ultra-bright illumination. In all conditions, for extra safety and clear vision, there’s the option of Bi-Xenon gas discharge lamps. Compared to conventional halogen lamps, Bi-Xenon gas discharge lamps more than double the illumination power, which equals about 120%. Driving at 60 mph, you’ll be able to see 100% further—helping you to maintain the correct angle to the road ahead during hard acceleration or braking.

Double your illumination—twice

Designed in a country characterized by cold and darkness for several months in a year, the headlights in a Volvo S80 combine superior reflector technology to provide extra illumination. In all conditions, for extra safety and clear vision, there’s the option of Bi-Xenon gas discharge lamps. Compared to conventional halogen lamps, Bi-Xenon gas discharge lamps more than double the illumination power, which equals about 120%. Driving at 60 mph, you’ll be able to see 100% further—helping you to maintain the correct angle to the road ahead during hard acceleration or braking.

**Halogen Bi-Xenon Emergency Brake Light (EBL)**

Beyond the immediate response of the car’s brake lights, EBL warns other road users about your emergency braking status. When the car’s deceleration exceeds 0.7g, or when the anti-locking brakes are activated, an additional taillight on each side of the vehicle illuminates to help alert vehicles traveling behind you.

**Hydraulic Brake Assist (HBA)**

Helping the driver stop the car in the shortest possible distance, HBA employs a combination of vacuum and hydraulics. This ensures that the optimal braking power is always available when it’s needed. Additionally, the hydraulic power maintains brake pressure even through prolonged brake usage.

**Ready Alert Brakes (RAB)**

Reducing the braking distance further, RAB uses information such as the sudden release of the accelerator or the Adaptive Cruise Control to anticipate an emergency braking. It moves the brake pads closer to the discs and pre-charges the brake system to help speed brake response.

**Active Bi-Xenon Lights (ABL)**

Helping you to see around bends at night, this microprocessor-controlled lighting system uses data such as steering wheel angle and car speed. The motorized lights turn up to 15° in either direction when driving—reliably lighting up your chosen path.

A daylight sensor disengages the system during daytime to extend its lifespan.

*Optional
“To me, safety is beautiful. Every detail in a Volvo—from the interior ergonomics and the fantastic seats, to the body’s powerful shoulders and softly rounded front—are there for safety reasons. This is functionality that goes hand in hand with distinctive design, and it sure looks good.”

Steve Mattin, Design Director, Volvo Car Corporation

It is the interplay between the different safety systems that determines how safe a car is. Not the number of safety features itself. First, the driver must have the right conditions for well being behind the wheel. Seats, instruments, controls, visibility, lighting—all contribute to safety when they interact to support the driver. Then there’s how the car behaves on the road. The way the chassis interacts with brakes, steering and different stability enhancing systems not only determines how fast the car is to drive—this is also crucial to help the driver maintain control in challenging situations. Finally, if an accident can’t be avoided, you and your passengers are surrounded by a wealth of interacting protective systems. Hopefully you’ll never have to experience them in action. But it can be reassuring to know they’re there to help protect you.

IN A FRONTAL COLLISION the patented frontal structure with its variable deformation zones in different kinds of steel will yield to help absorb crash energy. In developing the Volvo S80’s protective qualities, we have focused on frontal collisions at both higher speeds and with heavier vehicles. The compact power train is designed to optimize deformation—all main components in the engine bay have their own predetermined positions to help keep components outside the cabin. A steel strut under the dashboard helps prevent components in the engine bay from intruding into the cabin. This also helps protect legs and feet.

The unique geometry of the frontal structure and longitudinal steel struts in the doors helps disperse crash energy away from the front to the rear of the car, further helping to reduce the strain on the occupants.

Inside the car, occupant protection is increased by optimizing the function of all safety restraint systems. The seat belts with pretensioners on all seats and load limiters on the front seats interact with other safety features—such as the deformable steering column and dual-stage adaptive airbags—to help keep the occupants out of harm’s way.

The interior is designed to help absorb as much crash energy as possible so as to help reduce the risk of injury. For example, the ignition switch is positioned on the dashboard away from the driver’s knees.
IN A ROLL-OVER
the extremely sturdy safety cage will help protect the occupants while the seat belts help keep them
exhusted in their seat. If the car has actually been hit from the side, the Inflatable Curtain (IC) is hooked up to help protect
the heads of the outboard occupants and help keep them inside the car. The IC remains inflated for several seconds to help
provide extended protection, regardless of whether the windows are up or down. The energy absorbing interior adds to
occupant protection. Additionally, the roof structure is reinforced to help keep the passenger compartment intact.

IN A REAR IMPACT the rear deformation zones will help absorb as much as possible of the crash energy before it reaches the
cabin. Similar to the front, the rear safety structure features an
optimised mix of different grades of steel to provide strength and carefully controlled deformation. The fuel tank is designed to
remain well protected in case of a rear side impact.

IN A SIDE IMPACT the distance between your chest and the colliding car is about 1 ft. So how can we best use this distance
in order to provide strength and carefully controlled deformation, to avoid impact? The door and side structure in
the Volvo S80 is composed of a combination of ultra high strength steel and more pliant grades of steel. For example, the
classic roof and window frame is made of a sturdy high-strength steel core with a reinforced outer skin, which is a
combination with an A Pillar that is hollow. In the back, the strong high-strength steel frame transfers the load from the
luggage compartment to the rear safety structure. The door structure is strengthened at the hinges and closed edges. The
wheels also absorb and distribute any impact. The rear wheel well is designed to absorb and distribute any impact, while
the fuel tank is moved inside the bumper. The Active Knee Airbag system further helps to protect the front occupants
when increased impact is placed when the bumper is struck. The Anti-lock Brake System (ABS) activates quickly for fast and brings
any tires that may have locked to a stop. Air bags in the doors also aid in the rear.
Environmental care. Part of our commitment to safety and your well being.

To choose a Volvo model on the basis of its overall environmental performance, see our Environmental Product Information (EPI) guide at www.volvocars.com/EPI.
At Volvo, the well-being of people is at the core of every decision we make. And just like safety, we believe that environmental care requires a holistic approach from the very start. For this reason, Volvos are built in some of the cleanest automotive plants in the world.

**Air quality control**
A cabin filter helps to prevent dust and pollen from entering the car through its ventilation system.

**Testing materials for harmful substances**
To make the car more comfortable for people with allergies or asthma, upholsteries and interior textiles comply with the Oeko-Tex Standard 100—an international benchmark ensuring that textiles and leathers are tested for certain allergy-inducing or harmful substances. All interior metal details are tested with regard to contact allergies—no parts such as keys, door handles and seat belt buckles comply with the same standards for nickel leakage as high quality jewelry.

**Fuel efficiency**
To increase fuel efficiency and reduce carbon dioxide emissions, all Volvo engines have advanced electronic management systems and low internal friction. Other factors that contribute to fuel economy include efficient transmission systems, aerodynamic body design, the use of various grades of steel to minimize body weight, and a trip computer displaying current and average fuel consumption.

**Emission control**
Volvo engines meet stringent international emission requirements. Advanced emission control technology reduces between 95 and 99% of the carbon monoxide, hydrocarbons and nitrogen oxides in exhaust fumes. The emission control system is designed to provide full effect as rapidly as possible after a cold start—when emissions are at their highest. Right down to the fuel filler door, the fuel system is designed to reduce emissions through evaporation when the car is moving or at a standstill.

**Clean all its life**
Every Volvo begins its relationship with the environment at the earliest stage of its design. Volvos are built in some of the cleanest automotive plants in the world. What’s more, our Environmental Product Information (EPI) allows you to choose a Volvo model on the basis of its overall environmental performance.
Personal Car Communicator (PCC)

PCC combines the ease of keyless drive with an interactive communication device that fits in the palm of your hand. In addition to making locking, unlocking and starting the car effortless, PCC provides a current report on the car’s lock status. Press the information button to see if the car is locked or unlocked, if the alarm has been triggered, or with the optional heartbeat sensor, if someone is in the car.

Rear Seat Entertainment (RSE)

Opt for dual screen RSE and the rear-seat passengers can play a game or watch a film—separately or together. Thanks to separate wireless headphones, they can do their own thing while you listen to yours in the front. The system comprises two 7-inch wide screens integrated in the front seat head restraints and, at the back of the central armrest, a multifunctional DVD console with its own AUX socket.

Park Assist Front and Rear

Park Assist Front and Rear makes it easier to park in tight spaces by providing an audible signal in the passenger compartment as a detected object gets closer to the sensors in the front or rear bumpers. Also available as an accessory.

Blind Spot Information System (BLIS)

The Blind Spot Information System uses digital cameras mounted in the door mirrors to keep a lookout on both sides of the car. As a vehicle enters your blind spot, the system alerts you with discreet lights built into both front door posts. Together with the door mirrors, this helps you change lanes safely. BLIS is activated once the car exceeds 6 mph, and reacts to almost any type of vehicle from a motorcycle upward. It works just as well day or night.

Volvo Navigation System (VNS)*

The Volvo Navigation System can guide you anywhere with precision and visual directions. A liquid crystal 6.5-inch display shows your location on a map and plots the best route. Controls are conveniently located on the steering wheel. All map-based information is stored on DVD.

*Maps do not cover all areas or all roads within an area. Always follow relevant regulations and road information. Sharp turns, narrow roads, and road closures might not always be covered.

Adaptive Cruise Control (ACC)

ACC is designed for highway use and includes a forward-sensing radar mounted on the front bumper. It helps keep the distance between your car and the vehicle in front. It also provides acceleration capacity. Simply set a cruising speed and the system maintains a preset distance to the car ahead while necessary.
Volvo’s accessories help you make your Volvo S80 even better suited to your personal needs. They are the only ones that have been tested to meet Volvo’s exacting safety, quality and environmental requirements. You can also rest assured they’re a perfect match for the technology and design of your Volvo.

**FOR DRIVING FREEDOM**
- Fog lights
- Child-activity bag
- Child sitter

**FOR YOUR ENTERTAINMENT**
- 6-disc in-dash CD changer
- SatNav Radio
- Volvo iPod Aux Adapter
- Volvo USB/iPod readerAdapter

**FOR PRECIOUS CARGO**
- Booster cushion and backrest
- Car seat cover
- Rear seat cover
- Rear center armrest table
- Sun screen, rear doors
- Sun screen, rear window

**FOR YOUR LOOKS**
- Aluminum Wheels
- Chrome Wheels
- Exterior chrome kit
- Footboard, moldings, illuminated
- License plate frames

**FOR UNEXPECTED SITUATIONS**
- Car cover
- Electric engine heater
- First aid kit

See the 2008 Volvo Accessories brochure for a complete list of Genuine Volvo Accessories.
INTERIOR DESIGN. ANTHRACITE BLACK

The black on black combination makes a bold and beautiful interior and accentuates the wood trim and aluminum details. The front center armrest and interior door panels are color-coordinated with the seats and upholstered in matching material.

- Anthracite Black interior with Perforated leather/Offblack upholstery (2200), Modern wood center console and door panel inlays, Charcoal leather-clad steering wheel and leather gear knob.
- Anthracite Black interior, Perforated leather/Offblack upholstery (2200) (Sport Package)
- Anthracite Black interior, Leather/Offblack upholstery (2100) (3.2 and T6 AWD)
- Anthracite Black interior, soft leather Sovereign Hide/Offblack upholstery (2400) (V8 AWD)

Modern wood trim (3.2 and T6 AWD)
The Volvo S80 offers exclusive interior options to suit your personality. All our leather upholsteries are approved by Oeko-Tex. This means they’re tested for certain allergen-inducing and harmful substances. Make your choices to compose your own interior styling.

**INTERIOR DESIGN. SANDSTONE BEIGE**

Start creating your Sandstone Beige interior here. The top of the dashboard is Espresso, and other interior sections are in Sandstone Beige. The front center armrest and interior door panels are color coordinated with the seats and upholstered in matching material.

- **Sandstone Beige interior, soft leather**
  - Sovereign Hide Soft Beige upholstery (2112), (V8 AWD)

- **Sandstone Beige interior, perforated leather**
  - Sandstone Beige upholstery (2212), Modern wood center console and door panel inlays, (Sport Package)

- **Sandstone Beige interior, Classic wood trim**
  - LV AWD
Exterior design.
The exterior design of the Volvo S80 projects its purpose, moving forward in space and time. Its evolution is indicated by body shapes, and emphasized with converging lines. It’s an unfinished sculpture—until you climb inside.

Stefan Jansson, Volvo design group.

<table>
<thead>
<tr>
<th>Wheel</th>
<th>Brand</th>
<th>Size</th>
<th>Finish</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>17” x 7”</td>
<td>Canicula</td>
<td>3.2</td>
<td>Silver Bright</td>
<td>Std. T6 AWD</td>
</tr>
<tr>
<td>17” x 7”</td>
<td>Canicula</td>
<td>3.2</td>
<td>Polished</td>
<td>(Opt. Sport package 3.2 and T6)</td>
</tr>
<tr>
<td>18” x 8”</td>
<td>Venator</td>
<td>18”</td>
<td>Chromed</td>
<td>(Std. Sport package)</td>
</tr>
<tr>
<td>18” x 8”</td>
<td>Zubra</td>
<td>18”</td>
<td>Silver Bright</td>
<td>(Incl. Sport package)</td>
</tr>
<tr>
<td>18” x 8”</td>
<td>Canicula</td>
<td>18”</td>
<td>Silver Bright</td>
<td>(Std. V8)</td>
</tr>
<tr>
<td>17” x 7”</td>
<td>Canicula</td>
<td>7”</td>
<td>Silver Bright</td>
<td>(Opt. Sport package 3.2 and T6)</td>
</tr>
</tbody>
</table>
### Standard features.

<table>
<thead>
<tr>
<th>Feature</th>
<th>S80 3.2</th>
<th>S80 T6 AWD</th>
<th>S80 V8 AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS - Antilock Brake System</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Alarm</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Approach Light</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Center armrest with cupholder</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>DSTC Dynamic Stability Traction Control</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Electronic Climate Control (ECC)</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Emergency Brake Assist (EBA)</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Heated windscreen washer nozzles</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Home safe lightning</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Homelink</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Inflatable curtains</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Isofix–outer position rear seat</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Key Integrated Remote control, central locking (KIR)</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Passenger airbag</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Pyrotechnical pretensions, all seating positions</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>SIPS Curtain</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Dual-chamber front SIPS bag</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Whiplash protection, front seats</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>3 step airbag, drivers/passenger side with kneepad</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
</tbody>
</table>

### Factory options.

<table>
<thead>
<tr>
<th>Option</th>
<th>S80 3.2</th>
<th>S80 T6 AWD</th>
<th>S80 V8 AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Cruise control and brake system with pre-charge</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>BLIS</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Metallic Paint</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Navigation system</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Park assist front/rear</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Personal Car Communicator (PCC)</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Satellite Radio Prep - Sirius</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Volvo Dual-screen Rear Seat Entertainment</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
</tbody>
</table>

### Exterior.

<table>
<thead>
<tr>
<th>Feature</th>
<th>S80 3.2</th>
<th>S80 T6 AWD</th>
<th>S80 V8 AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic 6-speed AWD</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Automatic 6-speed FWD</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Dual Exhaust</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Foglight</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Halogen lights</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>7x17&quot; Canicula Alloy Wheels</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>7x17&quot; Regor Alloy Wheels</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>8x17&quot; Meissa Alloy Wheels</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
</tbody>
</table>

### Interior.

<table>
<thead>
<tr>
<th>Feature</th>
<th>S80 3.2</th>
<th>S80 T6 AWD</th>
<th>S80 V8 AWD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical adjustable drivers seat with memory</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Electrical adjustable passengers seat</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Front Armrest</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Genuine Classic wood trim</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Interior Air Quality System (IAQS)</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Leather seating surfaces</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Modern Wood</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>In-dash 6-CD with MP3 capability</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Pollen filter</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Power Glass Moonroof</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Temperature gauge, outer</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Watch dial instruments</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>2 illuminated sun visors</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
</tr>
</tbody>
</table>

### Notes.

- ☑ = Standard
- ☑ = Option
- ☑ = P = Package
- N/A = Not available
CLIMATE PACKAGE

In a Volvo you’re always prepared to deal with the ever-changing forces of nature. And to increase comfort when driving in cold, rain or snow—simply add the Climate Package.

- Heated front seats
- Heated rear seats
- Heated windshield washer nozzles
- High-Pressure headlight cleaning
- Rain sensor windscreen wipers

DYNAUDIO SOUND PACKAGE

This package is tailor-made to perfectly augment the audio system’s concert hall sound by letting you listen to your own favorite music or radio stations, while making it safer and more convenient to use your cell phone.

- Dolby® Pro Logic® II Surround sound
- Premium Sound system
- Rear seat Headphone jack and audio controls
- 8x12" Subwoofer
- 12" display audio
- 5 x 130 watts amplifier

SPORT PACKAGE*

Inspiring dynamics are always at hand, whenever you’re in the mood. And with the Sport Package, you’ll further enhance your driving experience.

- Active Bi-Xenon headlights
- Four-C chassis with three settings
- Speed-sensitive steering
- Ventilated front seats with unique perforated seating surfaces
- 18" Zubra alloy wheels with 245/40R18 performance tires**

*Requires Climate Package.

**Can be exchanged for 17" polished Canicula wheels with all-season tires on 3.2 and T6.
Volvo S80 specifications.

**ENGINE**

**Eight-cylinder engine**

Eight-cylinder 4.4-liter all-aluminum engine in a V8 configuration. Double overhead camshafts, 32 valves. Variable Valve Timing (VVT), Variable Intake System (VIS) and Cam Profile Shifting (CPS) on the intake camshaft. Electronic engine management system. Turbocharging very effectively with a heated oxygen sensor. Allied with an advanced all-wheel drive system and a variable Electronic Transmissions, this high-power MFI turbocharger perfectly with the eight-cylinder soul of the Volvo S80. The sophisticated engine design, featuring continuously variable valve timing and a variable intake system control, ensures that there is an efficient matching of power and torque for all speeds. Intake and exhaust camshafts are actuated at 3850 rpm, when at or above 2200 rpm the engine delivers 250 ft./lbs. From a standstill, 90 miles can be driven using only 230 rpm. The engine's ample power for passing other vehicles quickly and safely as well as for long-distance drives. Maximum emission controls, featuring that carefully considered, reduce harmful emissions beyond the standards required by current legislation, such as California's严格的排放标准。 The agile character of the Volvo S80. The sophisticated engine design, featuring continuously variable valve timing and a variable intake system control, ensures that there is an efficient matching of power and torque for all speeds. Intake and exhaust camshafts are actuated at 3850 rpm, when at or above 2200 rpm the engine delivers 250 ft./lbs. From a standstill, 90 miles can be driven using only 230 rpm. The engine's ample power for passing other vehicles quickly and safely as well as for long-distance drives. Maximum emission controls, featuring that carefully considered, reduce harmful emissions beyond the standards required by current legislation, such as California's严格的排放标准。

Volvo S80 V8 AWD (211 hp)

- Engine type: 4.4-liter V8 engine
- Max power output: 211 hp at 5950 rpm
- Max torque: 295 ft./lbs at 1500-4800 rpm
- Max power output: 281 hp at 5600 rpm
- Engine type: 3.0-litre in-line six-cylinder engine with Twin-scroll turbo

**Six-cylinder engine**

Volvo S80 3.2 (235 hp)

- Engine type: 3.2-liter in-line six-cylinder engine
- Max power output: 235 hp at 6200 rpm
- Max torque: 200 ft./lbs at 5000 rpm
- Acceleration 0–60 mph: 6.5 sec
- Fuel consumption, mpg, mixed cycle: N/A
- Top speed, auto: 130 mph
- Acceleration 0–60 mph: 7.4 sec
- Fuel consumption, mpg, mixed cycle: N/A
- Top speed, auto: 130 mph

**DRIVING**

**Double overhead camshafts, 32 valves. Variable Valve Timing (VVT)**

**Front suspension with spring struts (McPherson), anti-dive and anti-squat**

**Steering**

Responsive yet firm. The optional speed dependent power steering gives progressively less power assistance the faster you drive. Higher steering precision and enhanced road feedback are further benefits. At lower speeds, added power and climate makes it or course to handle. In emergency braking, three-wheel style braking could be an option for added stability. The heavy pedal forces required after long periods of heavy braking. EBD (Electronic Brake Distribution) between the front and rear brakes. These heavy pedal forces could be a problem for the driver and rear wheels to achieve optimal results according to hard and driving conditions.

**BRAKES**

- Power-assisted anti-locking disc brakes (ABS), ventilated disc 481.8. (Electronic Brake Distribution) between the front and rear brakes. These heavy pedal forces could be a problem for the driver and rear wheels to achieve optimal results according to hard and driving conditions.

**FUEL TANK**

- 18.5 US Gallons
Meet the family.

The new Volvo S40
The compact and energetic sedan.

Volvo S60
The sports sedan worth getting passionate about.

The new Volvo V50
The Sportswagon—flexible, compact and full of zest.

Volvo S80
The premier sedan, meticulously engineered for superior driving comfort.

Volvo XC90
The versatile SUV that takes you anywhere with grace.

Volvo C70
A convertible when you want it.

The new Volvo C30
The compact and charismatic SportsCoupe.

The all-new Volvo V70
The genuine family wagon-highly competitive yet comfortably versatile.

The all-new Volvo XC70
The rugged yet stylish all-rounder.

Volvo C70
A coupe when you need it to be.

To live life is to care about it.

Every moment in a Volvo is a moment designed to celebrate life. At the fall of trucks and turns, up and down; in the little things as well as the big ones. Of course, to live life to its fullest isn’t just about you caring for others—it’s important as well. For almost eighty years we have helped save lives on roads around the world. Nevertheless, when it comes to improving automotive safety, we will never be satisfied. And while we’re working on new solutions, our existing safety systems are preventing many accidents from happening and providing some real protection when they do.

Our passion for life means looking after our children’s children, too. Which is why we try to balance the needs of our company with those of society. With this bigger picture in mind, we develop engines and technology that have less impact on mother earth. This approach also explains why we pay so much attention to your immediate environment—in the car. Simply put, we care about you—and the whole circle of life.
Taking care of your ownership needs.

It’s a simple idea, one point of contact for all your car ownership needs, whether it’s finding the right financing or who to contact in an emergency. Get the most out of owning your Volvo.

Volvo Car Finance North America

If you purchase or lease your Volvo through Volvo Car Finance North America, you’ll have three different services designed to make owning and financing simple and convenient: (1) delinquency assistance, to ensure that you have a trouble-free ownership experience; (2) a dedicated telephone number for customer service, should you need assistance; and (3) a dedicated telephone number for customer service, should you need assistance.

On Call roadside assistance

Whenever you need us, we’re just a phone call away. Our nationwide network of retailers and authorized service providers are ready to assist. Whether you require roadside assistance or maps and routing information for your next trip, contact your nearest retailer and dial 1-800-63-VOLVO—day or night. Your complimentary four-year membership activates the moment you become a Volvo owner.

Volvo new car warranty

Your new car warranty provides comprehensive coverage for four years or 50,000 miles, whichever occurs first. Additional warranties cover corrosion, seat belts, the supplemental restraint system, emission systems, genuine Volvo replacement parts and genuine Volvo accessories. Should you encounter any problems with your Volvo, simply call our toll-free number to report the problem and arrange for service.

Volvo service

The best way to ensure superior performance year after year is to bring your Volvo to your authorized retailer for regular maintenance. Our service advisors and factory-trained technicians are uniquely qualified to maintain your automobile. With the aid of advanced Volvo diagnostic equipment, they follow all prescribed factory maintenance outlined in your service interval manual. Genuine Volvo Service is our ongoing commitment to you: to keep your Volvo performing well after other cars have given up.

Volvo mobility program

The goal of the Volvo Mobility Program is to assist persons with physical disabilities or hearing impairment to achieve independence. For those with exceptional transportation needs, freedom can be facilitated within the extraordinary comfort and safety of a specially adapted Volvo. If you have a need for transportation assistance, please contact your local retailer.

Volvo on-site service

The Volvo Personal Shopper is dedicated to providing you with a whole new level of shopping convenience. Whether you’d like help identifying the Volvo model that best fits your lifestyle, detailed information on any Volvo model, or a comparison against the competition, Volvo is there to help. We can arrange a special time for you to view your favorite Volvo model. To learn more about this program, please call the Volvo Personal Shopper at 1-800-550-5658 (U.S. only).

Volvo Overseas Delivery.

Volvo Overseas Delivery offers a unique way to buy your new custom-built car, as well as a unique way to see more of Europe. And when you’re done traveling, bring the pleasure of driving a Volvo back home. Purchase any new Volvo as part of the Volvo Overseas Delivery Program and enjoy all this—and more:

- Attractive pricing on US models.
- Two complimentary round-trip tickets with Scandinavian Airlines.
- One free hotel night in Gothenburg, Sweden, the home of Volvo.
- An exciting Volvo Factory Tour or a visit to the new Volvo Brand Experience Center.
- An exclusive VIP delivery experience at the Volvo Factory Delivery Center.
- The opportunity to explore Europe in the comfort and safety of your own Volvo, either with one of our knowledgeable hosts or on your own.
- Our three complimentary, hand-picked services, such as your car rental with Hertz.
- An opportunity to travel the convenient way while you relax and enjoy your complimentary flight back home.

If you think of a better way of traveling overseas and making your souvenir part of an unforgettable experience?

If you would like to know more, contact your local Volvo retailer, our Customer Care Center (800) 631-1667, or visit www.volvocars.us/mybagsarepacked.
Metallic paint is an option.

Please note:
It is not possible to reproduce exact original shades in this brochure. Ask your Volvo retailer to show you samples.

As part of our commitment to the environment, the paper used in this brochure is recycled, and color choices were printed directly on the page. This eliminates the need for chemically treated color chips. A small thing perhaps, but then, every little bit helps.

A world of colors.

019 Black Stone
(3.2 and T6 AWD)

487 Ember Black metallic*
(V8 AWD)

614 Ice White

471 Willow Green metallic*
(V8 AWD)

453 White metallic*
(V8 AWD)

426 Silver metallic*
(3.2 and T6 AWD)

473 Shimmer Gold metallic*

477 Electric Silver metallic*
(V8 AWD)

472 Oyster Grey metallic*

466 Barents Blue metallic*

455 Titanium Grey metallic*
(3.2 and T6 AWD)

* Metallic paint is an option.

Please note: It is not possible to reproduce exact original shades in this brochure. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades. It is not possible to reproduce exact original shades.