

# THE ALL-NEW VOLVO S80





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[WWW.VOLVOCARS.US](http://WWW.VOLVOCARS.US)



# 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 ALL-NEW VOLVO S80.





The expressive stance and the graceful curve of the roofline accentuate the all 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 II (ULEV II).

## **Volvo S80 3.2 (235 hp)**

The new in-line six-cylinder engine. Also transversely mounted for generous deformation zones, this formidable power source delivers up to 236 ft./lbs. of torque. As well as variable cam timing and the variable intake system, the 3.2 employs Cam Profile Shifting to optimize performance and fuel economy. ULEV II compliant.

## **All-Wheel Drive with Instant Traction™**

The AWD system (standard on the V8) 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 best grip. 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 wheels. And when cornering, the system channels power back and forth to provide sharp turning and greater stability throughout the curve.

## **Transmission**

Both 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.

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. LIVELINESS 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.



Inner comfort  
is more than a sense of wellbeing.



VOLVO'S DESIGNERS FEEL THEY'VE CREATED AN ENVIRONMENT IDEAL FOR DRIVER AND PASSENGER ALIKE. FLOATING LAYERS, INSPIRED BY SCANDINAVIAN LANDSCAPES, CONVERGE AND SOOTHE. MUCH ATTENTION HAS BEEN PAID TO COMFORT THROUGHOUT THE CABIN. BECAUSE YOU NEVER KNOW WHO MIGHT BE TRAVELING IN IT.



#### **IAQS**

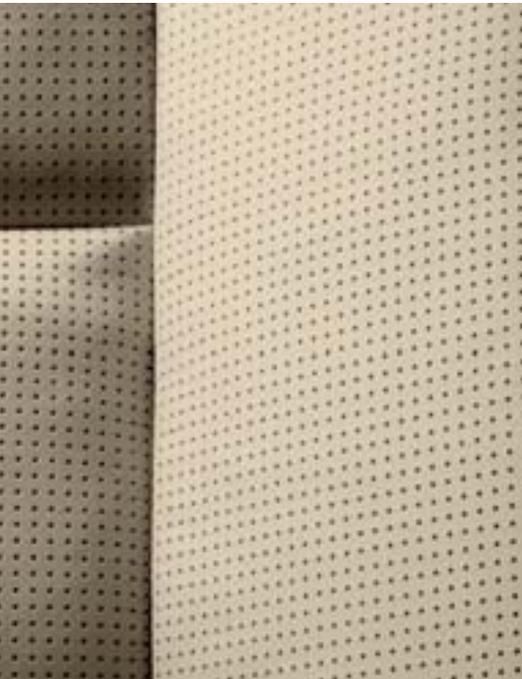
Interior Air Quality System monitors incoming air for certain unhealthy gases such as carbon monoxide and ground-level ozone. If necessary, it will temporarily close external air vents to shut them out. Meanwhile, an active charcoal filter prevents dust, exhaust particles, pollen and unpleasant odors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

#### **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.

#### **Ergonomics**

Because no two bodies are identical, the driving position is highly adaptable. The seat itself offers a nearly limitless range of seating positions. And the adjustable steering column helps the driver to fine tune the ergonomics. The layout of instrumentation is pleasing and efficient.

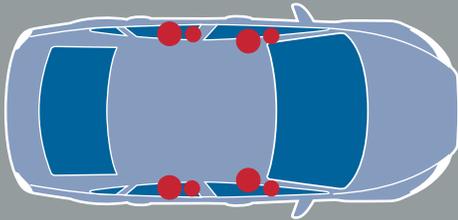


A seat belt reminder alerts the occupants of the front seats to fasten their seat belts. The power driver's seat includes a memory function to save seating and door mirror positions for up to three drivers. On V8 AWD models, the Power Parking Brake (PPB) is an electronic system that automatically releases the brake when the car starts to move. It can even be set to engage automatically as you extract the key.



# Premium Sound. Playing at a theater near you.

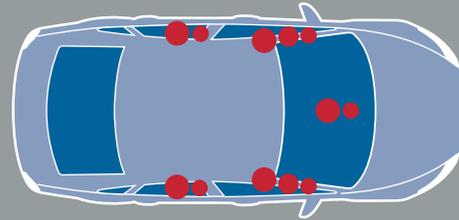
THIS PARTICULAR PREMIUM SOUND SYSTEM IS A LANDMARK IN AUTOMOTIVE AUDIO. THE STORY BEGINS A FEW DECADES AGO WHEN WE STARTED DEVELOPING CAR AUDIO AND TURNED TO SOME HIGHLY INNOVATIVE PARTNERS. DRIVEN BY A GROUP OF PASSIONATE SOUND ENGINEERS, THE COLLABORATION THAT FOLLOWED HAS FLOURISHED EVER SINCE. IT LED TO THE CREATION OF DOLBY PRO LOGIC SURROUND (FIRST USED IN A VOLVO), AND MORE RECENTLY TO DOLBY PRO LOGIC II, 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 ALIVE BY DYNAUDIO, THE DANISH SPEAKER SPECIALIST THAT MAKES EQUIPMENT FOR RECORDING STUDIOS AROUND THE GLOBE, AND NOW FOR YOUR VOLVO S80.



## High Performance

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:

- 4x40 watts amplifier
- 8 High Performance speakers
- MP3 and WMA compatible 6-CD player
- AUX input



## Premium Sound with Dynaudio

The Premium 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 at each seating position. There are 12 speakers developed by the Danish specialist, Dynaudio. Just for the Volvo S80. Premium Sound includes:

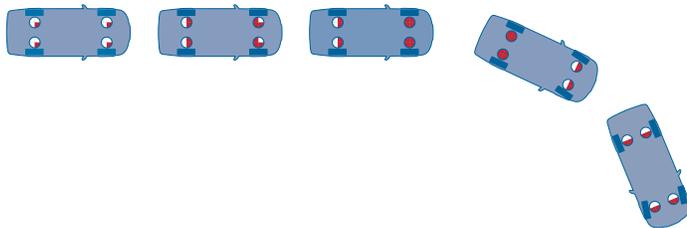
- 5x130 watts Class D digital amplifier
- Dolby Pro Logic II surround sound
- 12 speakers by Dynaudio
- MP3 and WMA compatible 6-CD player
- AUX input



The Premium Sound system employs twelve Dynaudio speakers. These include three separate drivers—woofer, midrange and tweeter—in both front doors, and a similar set-up in the rear doors with separate woofer and tweeter. Each speaker has an independent crossover filter to harmonize with the others. To power them, the 5x130-watts digital Class D amplifier features new technology enabling it to generate the most audio power from the least amount of current.



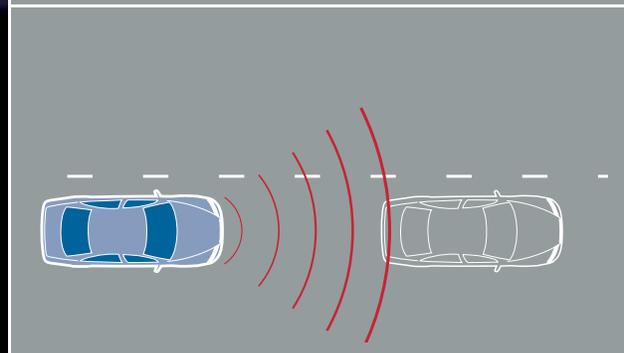
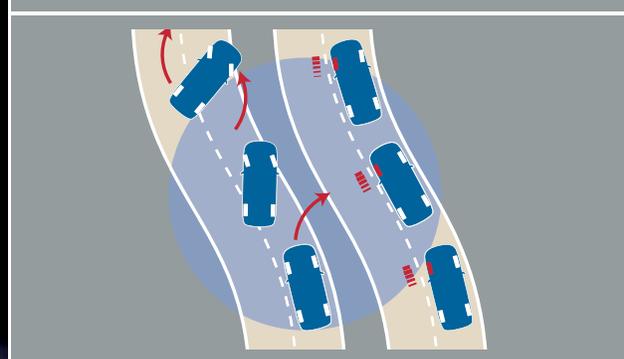
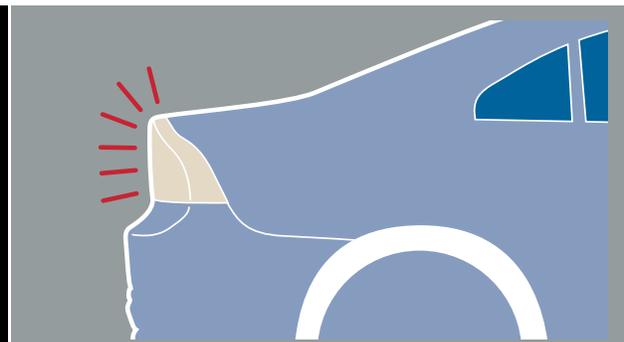
# Intuitive technology at every turn.



### **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 controlled Monroe-Öhlins shock absorbers. Furthermore, Four-C interacts with the DSTC system, engine, brakes and steering to support your chosen handling style.

THE ALL NEW 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.



#### **Hydraulic Brake Assist (HBA)**

HBA employs a combination of vacuum and hydraulics to help the driver stop the car in the shortest possible distance. 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)**

To help reduce the braking distance even 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 to speed brake response.

#### **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, the brake lights are accentuated by becoming brighter.

#### **Dynamic Stability and Traction Control (DSTC)**

DSTC enhances driving stability on twisting roads and in slippery situations. Should a wheel begin to lose traction the system automatically cuts its power until grip is regained. If necessary, DSTC will also step in to help counteract a potential skid by applying the brakes to one or more wheels.

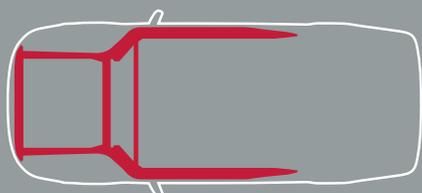
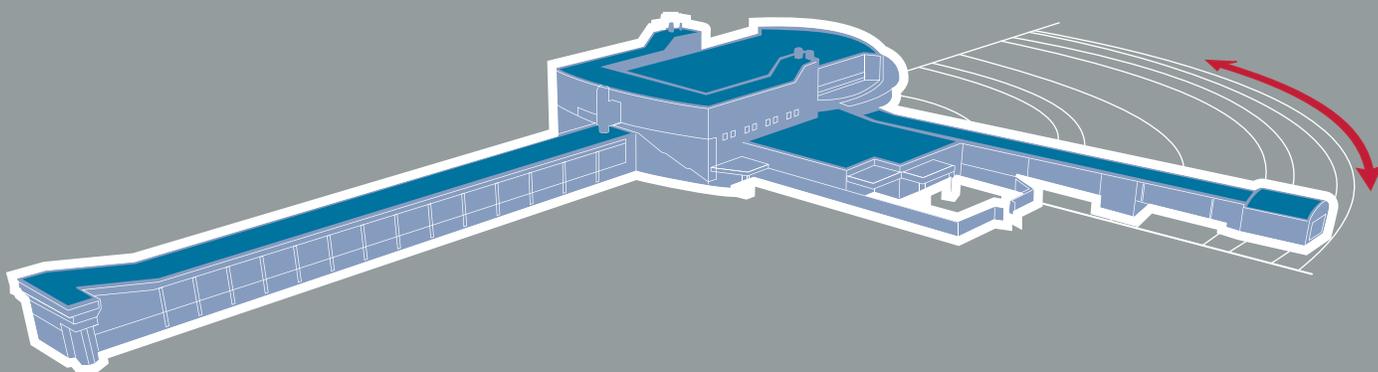
#### **Adaptive Cruise Control (ACC)**

Like cruise control, ACC is designed for highway use. Unlike cruise control, this technology includes a forward-scanning radar to monitor the time interval between your car and the vehicle in front, and also provides limited braking capacity. Simply choose a cruising speed and the system maintains it—slowing slightly to maintain distance to the car in front when necessary. The driver also chooses the time interval to be maintained to the next car—one, two or three seconds according to the driving conditions.

Our safety center—one place  
it's not safe to drive a Volvo.

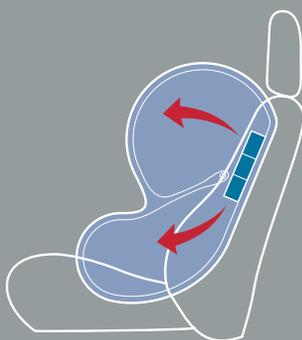


POSSIBLY THE MOST ADVANCED FACILITY OF ITS KIND, THE VOLVO CARS SAFETY CENTER IS WHERE WE CRASH TEST EVERY MODEL WE MAKE. BEYOND COUNTLESS COMPUTER SIMULATIONS, WE CONDUCT OVER 400 FULL-SCALE COLLISIONS EACH YEAR. THESE TESTS ARE BASED ON WHAT OUR RESEARCHERS DISCOVER ON ROADS—WE'VE INVESTIGATED OVER 35,000 REAL ACCIDENTS SINCE 1970. IN FACT, EVERYTHING WE DO TO MAKE CARS SAFER BEGINS WITH A REAL-LIFE TRAFFIC SITUATION.



#### **Patented frontal structure**

In developing the Volvo S80's protective qualities, safety engineers have focused on collisions with heavier vehicles. The frontal structure employs a new geometric framework to displace energy before it reaches the cabin. Together with the sizeable deformation zones afforded by the compact engine installation, this steel structure offers overwhelming collision protection.



#### **New Side Impact Protection System (SIPS)**

Similarly, SIPS has been optimized to help provide better protection in a side impact. Beyond additional steel struts in the side of the car body, side airbags now have separate filling circuits enabling the hip chamber to be inflated with five times as much pressure as the chest chamber. Based on discoveries made through accident research, and developed with simulation technology, this innovation helps the car to absorb maximum impact where the body is most fragile.



#### **Whiplash Protection System (WHIPS)**

By helping to reduce the risk of long-term whiplash injuries in rear impact collisions, WHIPS is another product of the Volvo Cars Safety Center and its real-life approach. A wire framework in the front seats helps prevent the occupant from being pressed back. The seat glides back to absorb energy, and upward and forward to embrace the back and neck. Finally it tips back to cushion the head.

# In a collision the protective instincts automatically take over.

Pretensioned seat belts employ a dual-phase response —tensioning then slackening to help embrace occupants during and after collision.

The front airbags initially inflate to a level determined by the force of impact. Then they deflate slightly to cushion the occupant.

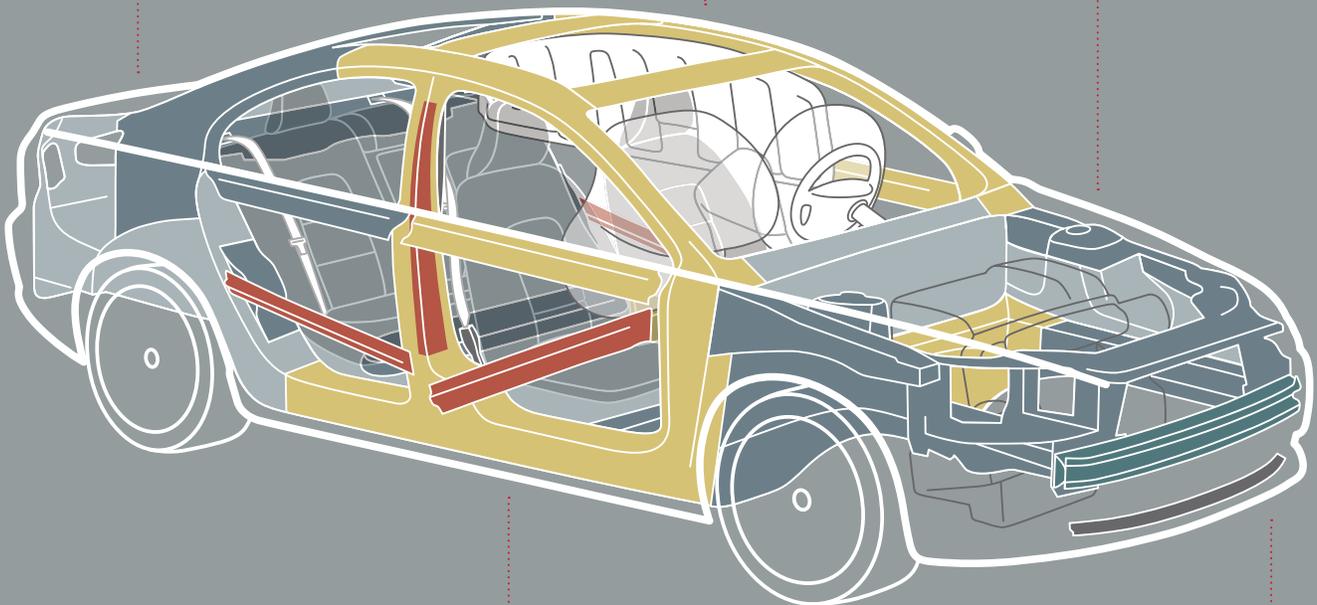
Activated by deceleration exceeding 0.5g or the anti-locking brake system, Emergency Brake Lights illuminate brightly to alert others of the emergency situation. They also illuminate the rear foglights to increase the break light area.

Inflatable Curtains (IC) interact with the front side airbags and help protect occupants' heads in side collisions. They remain inflated for several seconds for extended collision protection.

The steering column collapses in several stages to enhance the performance of the driver's seat belt and airbag.

The compact engine installation and generous deformation zones help to absorb frontal impact.

The patented frontal structure employs a lattice of steel struts to distribute collision forces away from the cabin towards the rear of the car.



Incorporated in the front seats, the Whiplash Protection System (WHIPS) cradles the spine and neck in a controlled manner during and directly after a rear-end collision of sufficient force.

The robust safety cage uses various grades of high-strength and boron steel to distribute and absorb impact from all types of collisions to help protect the passenger compartment.

The additional steel framework of the Side Impact Protection System (SIPS), together with hip and chest airbags, helps to withstand side impacts.

The rounded surface of the car's front helps reduce injury to unprotected road users.



# The Personal Car Communicator —keeping in touch.



## Personal Car Communicator (PCC)

This feature combines keyless drive with an interactive communication device that fits in the palm of your hand. Keep the PCC with you and the car can be unlocked by merely pulling the door handle. Start the engine by pressing a button on the dash, lock the car by pressing a button in the door handle. Later in the day, if you're wondering whether you've locked the car, the PCC can remind you. On your return to the Volvo S80—within a radius of 60 to 100 yards—the PCC can provide a current report on its status. Press the information button; green light means it's locked, yellow light means it's not. A red light means the alarm has been triggered, and if it's flashing then somebody is in your car. In this case, thanks to the onboard heartbeat sensor, you've got advanced warning and an opportunity to evaluate the situation safely.

## Approach and Home Safe Lighting

Activated with the remote control, Approach lighting provides a warm reception on a dark night. This consists of interior and side lights—ground lighting too. Home safe lighting is activated with the headlight lever as you leave the car, and provides a similar courtesy. This one includes the low beam headlights to accompany you to your door.

## Homelink®

HomeLink is a convenient system that replaces up to three different remote-controlled devices such as garage door openers, remote lighting, etc. The sun-visor mounted transceiver, powered by your car's electrical system, may then be used in place of your hand-held remote controls.

## Ground lighting

Integrated in the door mirror, ground lighting is activated with the remote control or PCC. Beyond enhancing security to and from your car at night, it's also convenient when getting in and out.

## Remote controlled alarm

The alarm monitors the doors, hood, trunk and ignition. In an emergency situation, the panic button on the remote control allows you to draw attention to the vehicle if you need help.

STANDARD SECURITY FEATURES SUCH AS THE STURDY DOOR LOCKS AND ELECTRONIC IMMOBILIZER HELP TO PREVENT A BREAK-IN. THE PERSONAL CAR COMMUNICATOR, ON THE OTHER HAND, OFFERS YOU THE COMFORT OF KNOWING THE CAR'S STATUS EVEN WHEN YOU CAN'T SEE IT.



Environmental care.  
Part of our commitment to  
safety and your wellbeing.



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](http://www.volvocars.com/EPI)

AT VOLVO, THE WELLBEING 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. THIS IS WHY VOLVOS ARE BUILT IN SOME OF THE CLEANEST AUTOMOTIVE PLANTS IN THE WORLD. HOPEFULLY, THIS APPROACH ALSO EXPLAINS WHY WE PAY SO MUCH ATTENTION TO YOUR IMMEDIATE ENVIRONMENT—INSIDE THE CAR.

#### **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 life 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—so 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 eliminates 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.

#### **Clean brochure**

At Volvo, concern for the environment is important in every aspect of what we do. This brochure is 100% recyclable. The inks and coatings utilized for print are vegetable and water-based. Even the shipping cartons contain 50% post-consumer waste and are also 100% recyclable.





# Factory-installed options.

THE SENSE OF QUALITY AND CARE—AND KNOWING THAT YOU GET THE VOLVO THAT SUITS YOUR LIFESTYLE. CUSTOMIZE YOUR CAR WITH THE OPTIONS THAT BEST MEET YOUR DEMANDS AND DESIRES, AND YOU'LL SOON BE BEHIND THE WHEEL OF YOUR INDIVIDUALLY TAILORED VOLVO S80.

1



3



5



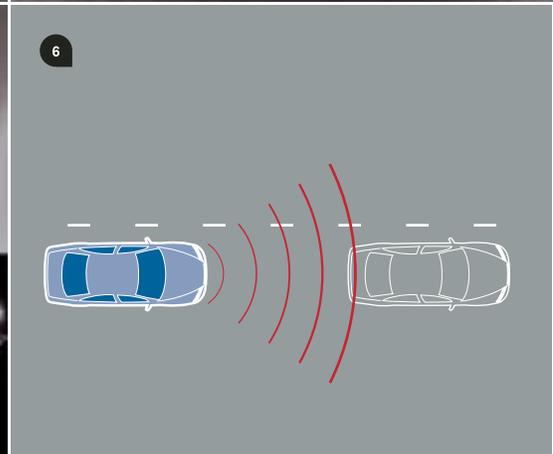
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4



6



1

### 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.

2

### Rear Seat Entertainment (RSE)

Opt for dual screen RSE and two 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.

3

### Park Assist

This system 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. Available as a retailer installed accessory.

4

### 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 (10 km/h), and reacts to almost any type of vehicle from a motorcycle upward. It works just as well day or night.

5

### Volvo Navigation System\*

The Volvo Navigation System can guide you anywhere with precise audio 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 routes within an area. Also constant expansion and rebuilding of the road network mean that the digital map database is not always the latest road information. Always follow relevant regulations and road information.

6

### Adaptive Cruise Control (ACC)

ACC is designed for highway use and includes a forward-scanning radar to monitor the time interval between your car and the vehicle in front. It also provides limited braking capacity. Simply set a cruising speed and a time interval and the system maintains it—slowing slightly to maintain distance to the car in front when necessary.

# Accessories.

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 TO THE TECHNOLOGY AND DESIGN OF YOUR VOLVO.



## FOR DRIVING FREEDOM

- Volvo iPod® Aux Adapter
- Volvo USB / iPod® music player
- Ashtray, front and rear
- Park assist, front and rear
- Parking assistance camera
- Electric cooler / hotbox
- 6 Disc in dash CD changer
- Volvo Hands free with Bluetooth
- Wood steering wheel
- Interior décor panel kits
- Footboard, moldings, illuminated
- License plate frames
- Valve stem caps
- Moon roof wind deflector

## FOR PRECIOUS CARGO

- Sun screen, rear doors
- Sun screen, rear window
- Rear center armrest table
- Padded neck cushion
- Booster cushion and backrest
- Child Mirror
- Jumper cables
- Warning triangle
- First aid kit

## FOR YOUR LEISURE

- Trailer Hitch, 2" Square profile
- Trailer hitch step
- Trailer hitch mounted bike carrier
- Trailer hitch mounted load basket
- Trailer hitch mounted ski carrier
- Trailer mirrors
- Roof Mounted "Load Bar" carrying system
- Ski Carriers, roof mounted
- Snowboard carrier, roof mounted
- Canoe/Kayak carrier, roof mounted
- Surfboard carrier, roof mounted
- Bike carrier, roof mounted
- Load basket, roof mounted
- Cargo box, roof mounted
- Car cover
- Mud Flaps, front and rear
- Electric engine heater
- Snow chains
- Aluminum wheels
- Chrome wheels
- Locking Lug nuts
- Leather care kit

## FOR YOUR INTERIOR COMFORT

- Luggage compartment mats
- Grocery bag holders
- Net pocket, side panel cargo compartment
- Dirt cover, rear bumper
- Business bag organizer
- Floor mats, rubber
- Tunnel mat, second row seats
- Sun Glasses holder

See the 2007 Volvo Accessories brochure for a complete list of Genuine Volvo Accessories.

# Your style is ours.

## **ANTHRACITE BLACK INTERIOR WITH UPHOLSTERIES IN OFFBLACK.**

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,  
Leather Offblack upholstery (2100)



Anthracite Black interior,  
Perforated leather Offblack upholstery (2200)



Anthracite Black interior with Perforated leather Offblack upholstery (2200), Classic wood center console and door panel inlays, Charcoal leather-clad steering wheel and Leather/Classic wood gear knob.

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 ALLERGY-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,  
Leather Sandstone Beige upholstery (2112)



Sandstone Beige interior,  
Perforated leather Sandstone Beige upholstery  
(2212)



Sandstone Beige interior with Perforated leather Sandstone Beige upholstery (2212), Classic wood center console and door panel inlays, Sandstone Beige leather-clad steering wheel and Leather/Classic wood gear knob.



The all new Volvo S80 embodies lean, elemental Scandinavian design that is as appealing to the eye as it is to your sense of adventure. The relaxing ambiance of the cabin—with controls and amenities just where you'd expect them, and seats crafted to help you unwind—combines with stunning performance and responsive handling to make this a car for all-day driving pleasure.





THE EXTERIOR DESIGN OF THE VOLVO S80 PROJECTS ITS PURPOSE; MOVING FORWARD IN SPACE AND TIME. ITS EVOLUTION IS INDICATED BY BODY SHAPE, AND EMPHASIZED WITH CONVERGING LINES. IT'S AN UNFINISHED SCULPTURE—UNTIL YOU CLIMB INSIDE.

**STEFAN JANSSON, VOLVO DESIGN GROUP.**



# Exterior design.



Venator 8x18"  
Chromed



Zubra 8x18"  
Silver Bright  
(incl. Sport package)



Meissa 8x17"  
Silver Bright  
(std. V8)



Regor 7x17"  
Silver Bright  
(std. 3.2)



Canicula 7x17"  
Silver Bright  
(incl. SST)

# Standard features.

<b>SAFETY AND SECURITY</b>	<b>S80 V8</b>	<b>S80 3.2</b>
ABS - Antilock Brake System	●	●
Alarm	●	●
Approach Light	●	●
DSTC Dynamic Stability Traction Control	●	●
Emergency Brake Assist (EBA)	●	●
Home safe lightning	●	●
Homelink	●	●
Inflatable curtains	●	●
Isifix-outer position rear seat	●	●
Key Integrated Remote control, central locking (KIR)	●	●
Passenger airbag	●	●
Pyrotechnical pretensions, all seating positions	●	●
SIPS Curtain	●	●
Dual-chamber front SIPS bag	●	●
Whiplash protection, front seats	●	●
3 step airbag, drivers/passenger side with kneepad	●	●
<b>INTERIOR</b>		
Audio 'High Performance' 4x40 watts, 8 speakers	●	●
Audio control buttons in steering wheel	●	●
Auto Dimming inside rearview mirror with compass	●	●
Center armrest with cupholder	●	●
Cruise control	●	●
Electrical adjustable drivers seat, with memory	●	●
Electrical adjustable passengers seat	●	●
Electronic Climate Control (ECC)	●	●
Front Armrest	●	●
Genuine Classic wood trim	●	●
Leather seating surfaces	●	●
In-dash 6-CD with MP3 capability	●	●
Pollen filter	●	●
Power Glass Moonroof	●	●
Temperature gauge, outer	●	●
2 illuminated sun visors	●	●
<b>EXTERIOR</b>		
Automatic 6-speed AWD	●	N/A
Automatic 6-speed FWD	N/A	●
Foglight	●	●
Halogen lights	●	●

● = Standard P = Package N/A = Not available

# Factory options.

	<b>S80 V8</b>	<b>S80 3.2</b>
Adaptive Cruise control and brake system	○	○
BLIS	○	○
Dual Screen RSE	○	○
IAQS	●	○
Metallic Paint	○	○
Navigation system	○	○
Park assist front/rear	○	○
Personal Car Communicator	○	○
17" Canicula Alloy with Run-flat tires	○	○
18" Venator Alloy	○	○

● = Standard ○ = Option



# Packages.

## **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 windshield washer nozzles
- High-Pressure headlight cleaning
- Rain sensor windshield wipers

## **AUDIO PACKAGE**

This is a package that perfectly augments the audio system, 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.

- AUX input
- Dolby® Pro Logic® II Surround sound
- MP3 capability
- Premium Sound system
- Sirius™ satellite radio
- 12 Dynaudio speakers
- 5 x 130 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
- 8x18" ZUBRA alloy wheels with 245/40R18 performance tires

\*Requires Climate package.

# Volvo S80 specifications.

## ENGINE

### Eight-cylinder engine

Eight-cylinder 4.4-liter all-aluminum engine. 60-degree v-configuration. Double overhead camshafts, 32 valves. Variable Valve Timing (VCT) and Variable Intake System (VIS). Electronic engine management system. Three-way catalytic converter with a heated oxygen sensor.

Allied with an advanced all-wheel drive system and a six-speed Geartronic transmission, this highly compact V8 harmonizes perfectly with the agile character of the Volvo S80. The sophisticated engine design, boasting continuously variable valve timing and a variable intake system, promotes high performance, smooth running, and superior power from low rpms. The full torque potential of 325 ft./lbs. is delivered at 3950 rpm, while at only 2000 rpm the engine delivers 236 ft./lbs. From a standstill, 60 mph is only 6.0 seconds away—there's ample power for passing other vehicles quickly and safely, as well as for long and comfortable trips. Advanced emission controls, featuring four catalytic converters, reduce harmful emissions beyond the standards required by current legislation, such as California's strict ULEV II, making this V8 one of the cleanest in its class.

### Volvo S80 V8 AWD (311 hp)

Engine type: 4.4-liter V8 engine  
 Max power output: 311 hp at 5950 rpm  
 Max torque: 325 ft./lbs. at 3950 rpm  
 Acceleration 0–60 mph, auto: 6.0 sec  
 Top speed: 130 mph  
 Fuel consumption, mpg, mixed cycle, auto: N/A  
 Environmental classification: ULEV II  
 Transmission: Six-speed Geartronic automatic

### Six-cylinder engine

Six-cylinder in-line 3.2-liter all-aluminum engine. Double overhead cam-shafts, 24 valves. Variable Valve Timing (VCT), Variable Intake System (VIS) and Cam Profile Shifting (CPS) on the intake camshaft. Electronic engine management system. Three-way catalytic converter with a heated oxygen sensor.

This highly compact all-new in-line six-cylinder engine meets high expectations in terms of performance, comfort and concern for the environment. The smooth running and responsive engine character provides a relaxed drive at all speeds. Advanced engine technology, such as a new intake system, helps increase torque over a wide speed range and ensures power at high rpms. And depending on your driving style and the situation, the intake valve train automatically switches between economy and performance modes to optimize efficiency. The engine's compact design aids safety performance in a frontal collision. The latest generation of fast response emission control technology ensures that the engine complies with stringent environmental standards such as California's ULEV II.

### 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: 236 ft./lbs. at 3200 rpm  
 Acceleration 0–60 mph, auto: 7.4 sec  
 Top speed: 130 mph  
 Fuel consumption, mpg, mixed cycle, auto: N/A  
 Environmental classification: ULEV II  
 Transmission: Six-speed Geartronic automatic

## DRIVELINE

Front wheel drive (V8 AWD features an electronically controlled all-wheel drive system). Transverse engine. Six-speed Geartronic automatic is standard.

Geartronic—a responsive six-speed automatic for relaxed driving that also allows manual gear shifting so that you can maintain a lower gear to bring up the rpms, or provide the added assistance of engine braking.

## CHASSIS

Front suspension with spring struts (McPherson), anti-dive and anti-lift function. Active multi-link independent rear suspension. Stabilizer bars front and rear. DSTC (Dynamic Stability and Traction Control).

The rigid body enables optimal suspension performance, balanced handling and a high level of comfort. Front and rear suspension interact to provide stable braking and smooth steering. In a curve, the rear wheels have a slight steering facility for added stability and steering response. The DSTC system engages if either of the drive wheels begins to lose traction or if a skid is imminent.

## STEERING

Power-assisted hydraulic rack and pinion steering. Tilt and telescopic steering wheel column. 2.8 turns lock to lock. Turning circle 36.7 ft. (depending on tires).

Steering is 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 assistance makes the car even easier to maneuver, for instance when parking. Three different steering force levels can be selected in the car's information menu to suit different drivers and driving conditions.

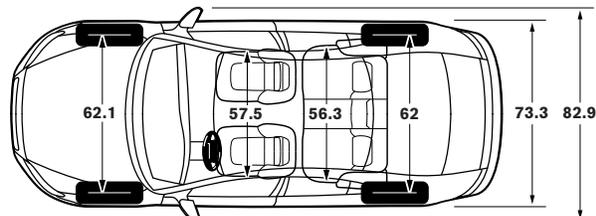
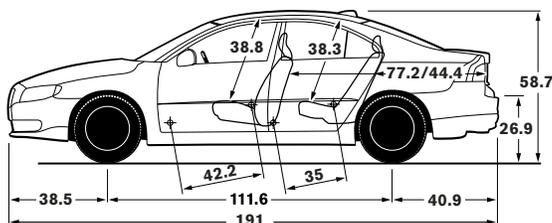
## BRAKES

Power-assisted anti-locking disc brakes (ABS), ventilated discs front. OHB (Optimized Hydraulic Brakes). HBA (Hydraulic Brake Assist). RAB (Ready Alert Brakes). FBS (Fading Brake Support). EBD (Electronic Brake Distribution) between the front and rear brakes. Diagonally split braking system.

Generously dimensioned anti-locking disc brakes and optimized hydraulics help to ensure a short stopping distance in all situations. Furthermore, they withstand tough use without fading. HBA helps you use your brakes to the full in an emergency situation, while RAB anticipates severe braking and prepares for it by moving the brake pads closer to the discs. FBS automatically compensates for the higher pedal forces required after long periods of heavy braking. EBD distributes the braking effect between the front and rear wheels to achieve optimal results according to load and driving conditions.

## FUEL TANK

18.5 US Gallons



# Meet the family.

## S



**Volvo S40** The compact and energetic sedan.

## V



**Volvo V50** The Activity Sportswagon—flexible, compact and full of passion for adventure.

## XC



**Volvo XC70** The rugged yet stylish all-roader.

## C



**Volvo C70** A convertible when you want it.



**Volvo S60** The sports sedan worth getting passionate about.



**Volvo V70** The genuine family wagon—highly competitive yet comfortably versatile.



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



**Volvo C70** A coupe when you need it to be.



**The all-new Volvo S80** The premier sedan, meticulously engineered for superior driving comfort.

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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 SEEKING 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.

# Care by Volvo means taking care of your ownership needs.

CARE  
BY VOLVO

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—TRUST CARE BY VOLVO.

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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, refer to your Care By Volvo® On Call Card and dial 1-800-63-VOLVO—anytime, day or night. Your complimentary four-year membership activates the moment you become a Volvo owner.

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## **Volvo mobility program**

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471 Willow Green metallic\*



019 Black Stone

+ V8 only    ++ 3.2 only  
\* Metallic paint is an option.

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