

VOLVO
XC90 2006



VOLVO
for life





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

ASSAR GABRIELSSON AND GUSTAF LARSON,
THE FOUNDERS OF VOLVO.

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www.volvocars.us



For a lifetime, we have protected and celebrated life: of the occupants of our cars and of the world around them. Since our life began in 1927, we've learned a great deal about keeping people safe, through extensive testing and by researching real-life accidents. In fact, while the entire automobile industry makes use of Volvo safety concepts, we continue to develop new ones.

One of the things we've discovered is that although safety is enhanced through the interaction of sophisticated systems, it is most importantly the product of the relationship between car and driver. This bond is where dynamic driving begins. With this in mind, we have designed a Volvo that is not only thrilling to drive, but is also safer than ever before; for people and for the environment in which they live.

Maybe that's why, even after all these years, we still find safety so exciting. Welcome to the carmaker that never takes life for granted.

VOLVO. FOR LIFE



**THE VOLVO XC90.
TRANSPORT YOURSELF**

The harmonious design of the Volvo XC90 does little to conceal its conscientious character. Whatever your home turf looks like, this is a most graceful form of mobility. In view of its approach to the environment and the safety of other travelers, its popularity is hardly surprising. The Volvo XC90 doesn't just enrich your life – it's a vehicle that's in tune with the well-being of those around you.





WELCOME ABOARD

Like any form of first-class travel, you'll find it has a little more legroom and a lot more headroom. Beyond exceptional comfort, the high seating provides an elevated view over instrumentation and the traffic situation. The center console houses a tower of intuitively navigated controls, all part of the trip.





< BUILT-IN NAVIGATOR*

The optional Volvo Navigation System helps guide you to your destination, be it to the summer home of a friend in an unfamiliar area, or to the welcome sight of a gas station along the way. The system's voice guidance and ergonomically designed controls help keep your attention on the road, secure in the knowledge that the road is taking you where you want to go.

*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 and traffic information. Always follow relevant regulations and road information.

INTUITIVE DRIVING >

Lean back and let the nearly infinite range of adjustments in the driver's seat offer pampering support. Everything you need is perfectly placed. With both hands on the wheel, you're in position to operate most of the car's controls – including the navigation and audio systems.



PREPARE FOR TAKE-OFF

When the well-balanced drivetrain sets the Volvo XC90 in motion, a sense of exhilaration is inescapable. The engine is highly efficient – generating an impressive punch while keeping fuel consumption and exhaust emissions low. New generation V8 technology further advances the power potential.





< ENGINE

A sophisticated engine is at the heart of any drive. Advanced engineering means sharp acceleration even at low rpm. The engine range encompasses Volvo's all-new 311 hp V8, and the five-cylinder 208 hp 2.5T.

GEARTRONIC TRANSMISSION >

The responsive Geartronic automatic is the perfect match for the Volvo XC90. It offers superbly smooth driving and exceptional all-road capacity – regardless of the conditions. Geartronic enables manual gear shifting when you're in the mood – so you can maintain a lower gear to rev up the engine or provide added braking when approaching a sharp curve.



WHEN IT'S TIME TO LEAVE, GO

Volvo's new AWD with Instant Traction™ is a physics-defying technology. By employing pre-charged hydraulics, the electronically controlled all-wheel drive system reduces wheel spin. So why make a fuss when it's time to leave? AWD with Instant Traction™ offers just what its name implies.



AWD WITH INSTANT TRACTION™

The Volvo XC90's all-road capability is based on a generous ground clearance of 8.6 inches, an advanced chassis, and a comparatively low center of gravity. In addition, Volvo's new pre-charged, electronically controlled all-wheel drive system AWD with Instant Traction™ – means greater agility. The difference is noticeable from the second you start off – constant hydraulic pressure ensures that power is promptly distributed among the wheels with the best traction. Wheel spin is minimized to provide immediate acceleration and reassuring stability in slippery conditions. When cruising on straight and dry roads, the front wheels receive up to 95% of the power for optimum stability and fuel economy. However, when accelerating, or in a sharp curve, up to 50% of the power is instantly distributed to the rear wheels – depending on what's needed to achieve maximum stability and traction. The precise and immediate response of the AWD system compensates for any tendencies to under or over-steer – giving you a feeling of total control.



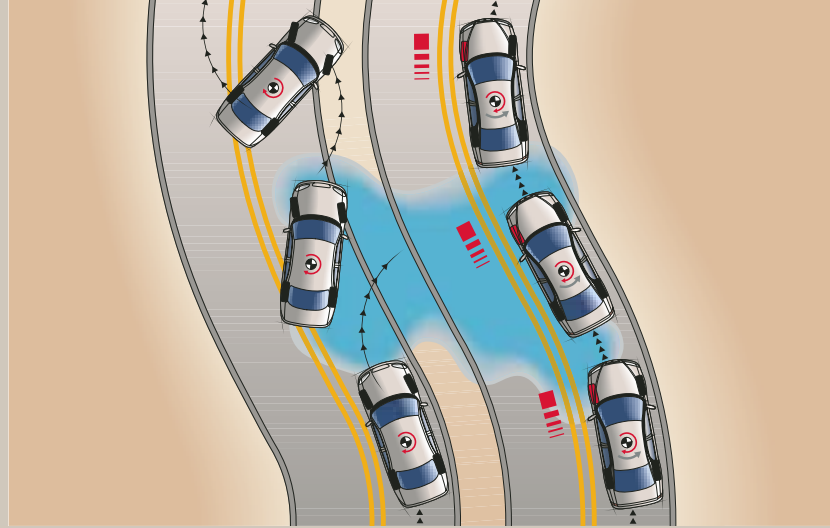
STIMULATING SAFETY

One thing the Volvo XC90's preventive safety won't prevent is driving pleasure. Take the solid chassis for example. Its rigid structure helps absorb the forces that are the natural result of a spirited drive down a winding road. This is when you'll thank the attentive steering and the reassuring AWD. Then there's DSTC anti-skid system to help keep you on track – and RSC to help maintain balance in extreme situations.



ACTIVE STABILITY SYSTEM

DSTC (Dynamic Stability and Traction Control) enhances driving stability on winding roads and in slippery situations. By braking on one or more wheels and temporarily reducing the engine's power output, the system instantly helps to correct any tendency to skid – smoothly and efficiently. This results in an exhilarating drive while enhancing road holding.



ROLL STABILITY CONTROL

In the event of an emergency maneuver, RSC (Roll Stability Control) can step in to help stabilize the vehicle. An electronic sensor registers the vehicle's lean angle and assesses the risk of a rollover. If needed, the RSC system will cut engine power or brake one or more of the wheels just enough to help maintain balance.



ROPS

If you are nonetheless in a situation where your vehicle rolls over, the IC (Inflatable Curtain) is designed to deploy to help protect the heads of the occupants of the outboard seats. At the same time, the seat belt pretensioners are activated on all the seats to help keep the belted occupants more securely restrained in their seats.



BI-XENON

As darkness falls, you will appreciate the powerful and effective low and high beam headlights. And for an even broader and longer beam of light, you can add Bi-Xenon headlights. Integrated front and rear side-marker lights make it easier for other road-users approaching from the side to see your vehicle.



Like its siblings, the Volvo XC90 was conceived in the Volvo Safety Centre. One of the most advanced facilities of its kind, this is where we crash test every model we make. Above and beyond countless computer simulations, we conduct over 400 full-scale collisions each year. These tests are based on what our researchers discover on the roads – we've investigated over 30,000 actual accidents since 1970. In fact, everything we do to make cars safer begins, and ends with real-life traffic situations. The Volvo XC90 is testimony to this fundamental philosophy.

REAL-LIFE EXPERIENCE



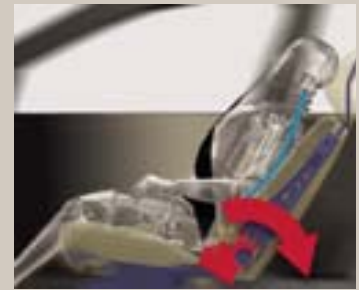
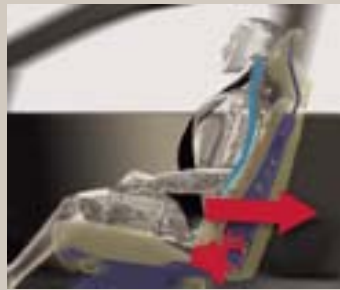
This fixed test tunnel is used for collision tests inside the center, and for rollover tests outdoors.



Within the center, our 850-ton barrier can be positioned and configured to replicate the dangers of countless real-life traffic situations. What's more, this is where collisions take place between a vehicle entering the center through the fixed tunnel and another entering from a pre-defined angle via the movable test track.



The movable test track allows us to test our vehicles on various outdoor surfaces. As the illustration shows, it even provides the opportunity of crashing into solid Swedish bedrock.



WHIPS (WHIPLASH PROTECTION SYSTEM)

Whiplash is one of the most common traffic injuries, often resulting from low-speed rear impacts. WHIPS helps reduce the risk of long-term whiplash injuries. Integrated into the front seat backrests, WHIPS supports the spine and neck in a controlled manner, and is triggered by impacts of sufficient force from behind.



IC AND SIPS

The inflatable curtain (IC), and a laterally mounted airbag – part of the Side Impact Protection System. These are further examples of the car's inherent safety systems developed at the Volvo Safety Centre in Sweden.

ORGANIC SAFETY

SOLID CORE

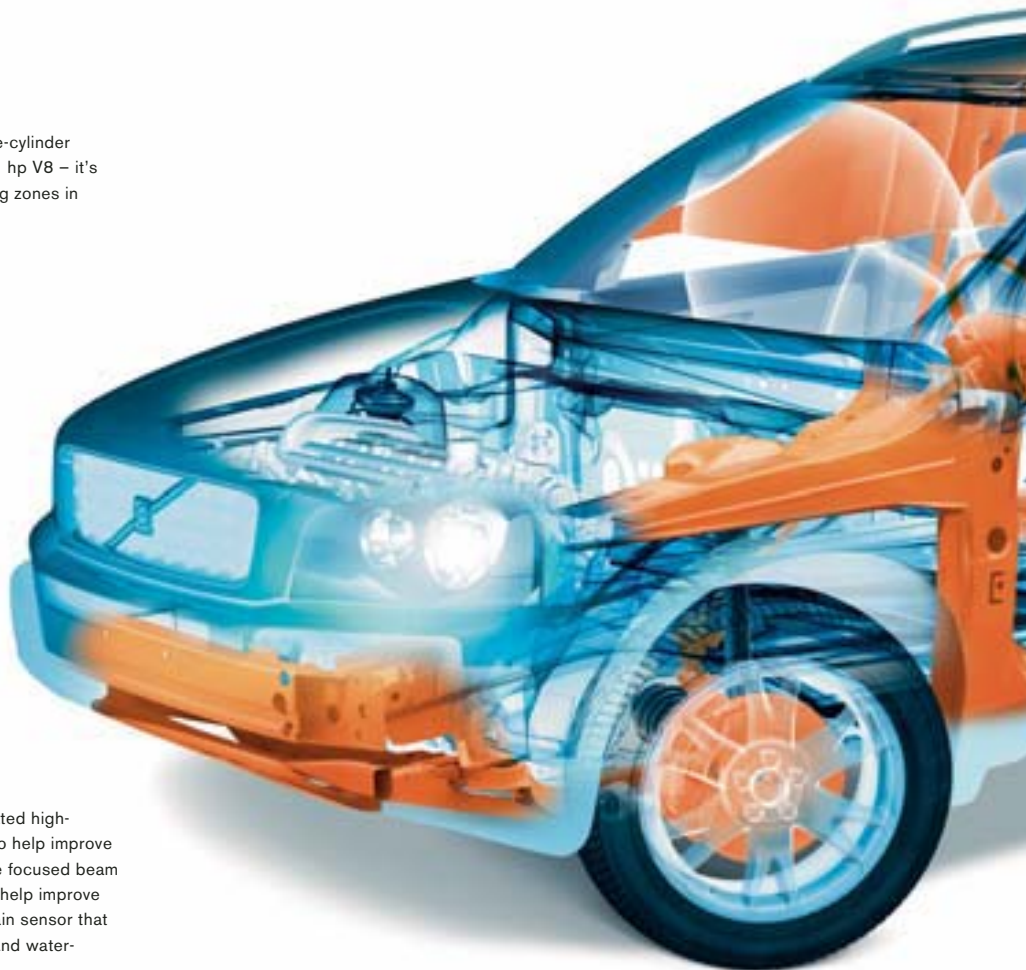
Whichever engine you choose – from the five-cylinder light pressure turbo to the eight-cylinder 311 hp V8 – it's designed to allow generous energy-absorbing zones in the event of collision.

FRIENDLY FACE

A lower cross-member at the front helps improve crash compatibility with lower vehicles. Additionally, a softly rounded front and an energy-absorbing hood help reduce the risk of injury to unprotected road users.

BRIGHT EYES

Effective headlights and the optional integrated high-pressure washers assure a powerful beam to help improve your night vision. For an even stronger, more focused beam of light, opt for Bi-Xenon headlights. And to help improve visibility in bad weather, options include a rain sensor that automatically starts the windshield wipers, and water-repellent door mirrors.



INTUITIVE REFLEXES

If a collision is unavoidable, a series of safety systems interact. Together with the airbag, the front seat belt pretensioners provide a two-phase response to help embrace the driver and front seat passenger during the course of a collision. The severity of the impact determines the level of airbag inflation.

PERSONAL SECURITY

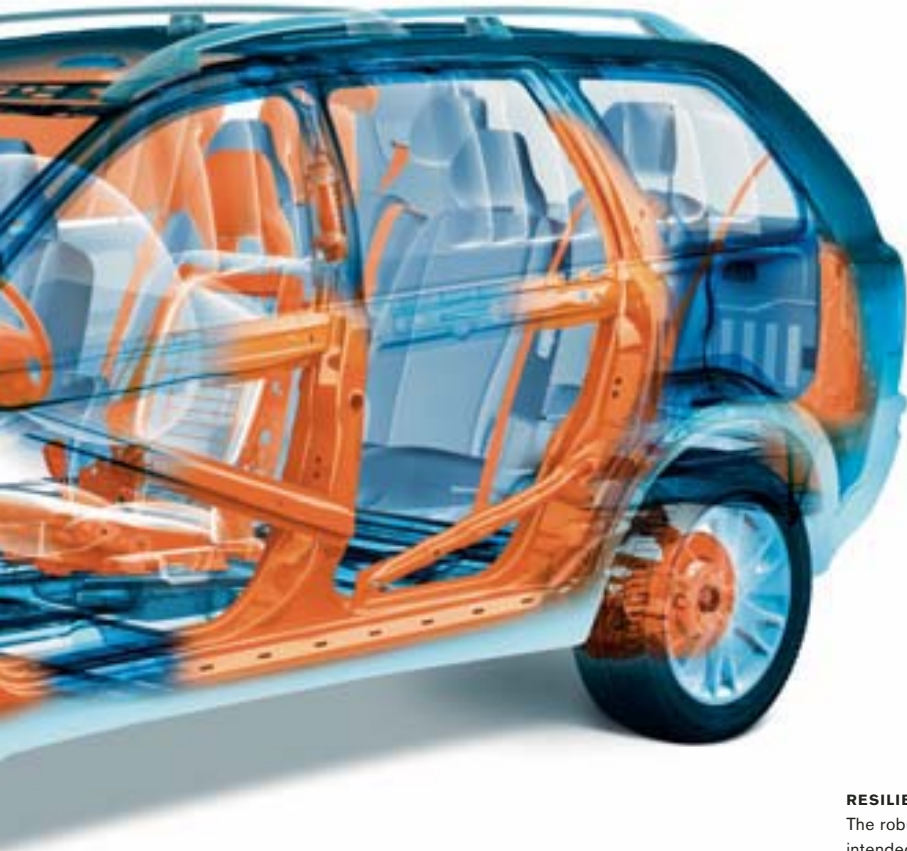
The XC90 expands the scope of personal protection. Approach and Home Safe lighting with ground lighting in the outer side view mirrors illuminates the area around the vehicle and allows greater safety when approaching or departing the vehicle. An electronic immobilizer and door locks that withstand most break-in attempts help protect against theft. A security system with sensors in the doors, hood and tailgate

At Volvo, providing for your personal safety is a natural extension of our devotion to your driving safety. And so, a number of critical features have been added to the Volvo XC90 to help you avoid threatening situations.

activate an alarm if someone should ever try to break into the vehicle. And in the event of trouble – press the panic button in the remote control and the alarm is sounded. For an even higher level of personal safety, a HomeLink garage door opener is standard. Lockable wheel bolts, available as an accessory, are a simple way to deter the theft of your alloy wheels.

MUSCULAR BODY

A web of beams and struts interact to help protect the occupants without adding unnecessary weight. This solid safety cage incorporates the Side Impact Protection System (SIPS), which distributes collision forces over a large part of the vehicle's body. The sides are reinforced to offer added protection.



PROTECTIVE INSTINCT

Emergency Brake Assistance (EBA) will detect emergency braking and assist the driver in bringing the vehicle to a stop. And the Whiplash Protection System (WHIPS) cradles the front seat occupants to help reduce the risk of whiplash injuries. The Occupant Weight Sensor (OWS) monitors the weight of the person in the front passenger's seat, and disables the front passenger's side airbag if a child weighing less than approximately 55 lbs is seated in that position.

SENSE OF BALANCE

All-wheel drive and an advanced chassis promote stability. Should a wheel begin to lose traction, DSTC (Dynamic Stability and Traction Control) will automatically cut power until traction is regained. And in the event of a tendency to skid, the system will instantly counteract. RSC (Roll Stability Control) also steps in when needed to help avoid a roll-over accident. The steering is communicative yet firm. And for an enhanced sense of road feedback at highway speed, there's the option of a speed-dependent steering system.

RESILIENT FRAME

The robust safety cage is an extremely rigid construction intended to form an enclosure around the occupants of the vehicle. It is surrounded by the body's various deformation zones – resilient areas designed to help absorb the forces generated in a collision.



A ROOM WITH A VIEW

There's room for up to seven in the generous cabin of the Volvo XC90. Once settled into the theater-style seats, you can enjoy the space and elevated views. Each seat is an independent unit of comfort and safety. The ample capacity of the ECC makes it easy to maintain cabin comfort throughout the vehicle. Getting passengers to leave is the hard part.





CONVENIENCE, FRONT ...

The central armrest conceals a number of conveniences. Fold back the upper section to reveal a handy storage space for CDs, sunglasses and other small items while providing rear seat passengers with a convenient table. Double cup holders in the front of the armrest ensure that refreshments are always easy to reach, and they are out of sight when not needed.



... AND BACK

Pampered by detail, rear-seat passengers will be almost as happy as the driver – even on long trips. Retractable cup holders are easily accessed, and bottles are conveniently stored in the door sides.



COMFORTABLE KIDS

The integrated booster cushion helps position a child 33-80 lbs at the correct height for the seat belt. It also offers a high level of comfort and a great view. The second row of seats (seven-seat version) adjust individually forward and rearward, bringing children closer to adults in the front. And for more legroom in the center seat, simply lift out the rear section of the tunnel console.



FOLD DOWN AND OPEN UP

Its remarkably adaptable cargo capacity, convenient loading height, and two-section tailgate make the Volvo XC90 an extremely flexible form of transportation. Its versatile interior offers long-distance comfort for up to seven people and their luggage. However you arrange things, the Volvo XC90 will be standing by to accommodate your needs.



Up to seven people travel comfortably in this highly insulated passenger compartment, and a number of clever details increase versatility. Any of the rear seat backrests can quickly be folded down – providing a flat-floored cargo compartment. The second row's two outer seats can slide forward approximately 4 inches, while the center seat can move forward up to nearly 12 inches, for additional combinations of cargo and passengers.



By folding down the center seat in the second row, you can carry both luggage and passengers without compromising on comfort or safety. The five-seat model features additional storage space under the cargo compartment floor. To keep loose items under control, add a floor-attached load-securing net and a net-pocket for the side panel.



For unexpected shopping bargains and particularly bulky items, fold down the front passenger seat's backrest. This provides you with a flat-floored cargo compartment that's just over 10 feet long. If that's not enough, there's Volvo's roof-mounted load-carrying system. And for the ultimate loading facility – the option of a tow bar. Choose automatic leveling, and the Volvo XC90 will adjust its suspension to accommodate the extra load, maintaining its poise and headlight angle.







KINDRED SPIRITS

At Volvo the health and well-being of people has always been close at heart. The ability of our cars to help protect occupants in accidents is a case in point. And in recent decades, this protective attitude has grown to encompass the air we breathe and the world we share. A Volvo is a conscientious choice — enjoy yours.





CONTRIBUTING TO OUR TOMORROW

Volvo Cars is an ambitious corporate citizen. We aim to maintain the equilibrium between the needs of our company – its people, customers and partners – and the society that has enabled us to build it. Care for the environment is a vital part of this effort, as are the far-reaching responsibilities towards the people of this world. Our annual Corporate Citizenship Report is available at www.volvocars.com/citizenship

And to recognize and reward people who go above and beyond the call of duty, we created the Volvo for Life Awards program, see www.volvoforlifeawards.com

CLEAN INSIDE

The Volvo XC90 cabin filter prevents dust, exhaust particles and pollen from entering the vehicle through its ventilation system. The optional IAQS (Interior Air Quality System) monitors incoming air for unhealthy gases. If necessary it will close the vents to ensure that cabin air does not become hazardous. This also has the added benefit of shutting out unpleasant odors. To make life more pleasant for people with allergies or asthma, all the interior fabrics meet the requirements of Oeko-Tex Standard 100 – an international standard ensuring that textiles and leather are free from allergy-inducing substances, health-impairing ingredients and harmful emissions. Additionally, numerous interior components are tested with respect to contact allergies.

CLEAN OUTSIDE

More efficient engines mean lower fuel consumption and, in turn, less elimination of carbon dioxide – a greenhouse gas. Advanced emission controls eliminates between 95 and 98% of carbon monoxide, hydrocarbons and nitrogen oxides. The three-way catalytic converter is positioned to provide full exhaust conversion sooner after cold starting. All Volvo XC90 engines meet stringent exhaust requirements – the V8, for instance, is the first of its kind to comply with California's ULEV II. Furthermore, each engine features a catalytic coating of the radiator, PremAir[®], which converts up to 75% of the harmful ground-level ozone passing through the radiator into pure oxygen.

CLEAN FOR LIFE

Each Volvo begins its relationship with the environment at the earliest stage of design. It's built in one of the world's cleanest automobile factories, and 85% of it can be recycled. What's more, our environmental product information (EPI), allows you to choose a Volvo on the basis of its overall lifelong environmental performance. Find out more at www.volvocars.com/eipi

CLEAN BROCHURE

At Volvo, concern for the environment is important in every aspect of what we do. This brochure is 100% recyclable. The paper is manufactured in North America utilizing the Sustainable Forestry Initiative. No paper pulp material is harvested from old-growth forests or rain forests, and it is chlorine-free. 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.

*PremAir[®] is a trademark of Engelhard Corporation.









In a Volvo XC90, the powertrain and chassis interact to provide a harmonious balance between response and comfort. The smooth, powerful five-cylinder turbo engine, or the formidable new V8 give you instant access to their full power potential. Low internal friction and the very latest engine technology, featuring variable valve timing, combine good performance with moderate fuel consumption, while at the same time meeting strict emissions standards.

THE XC90 SELECTION



25 T

VOLVO XC90 2.5T (208 HP)

Top-class agility and real-life capacity. The five-cylinder 2.5-liter turbocharged engine provides a beautifully balanced and spirited driving experience. You have access to the engine's full torque (236 ft./lbs.) from as low as 1500 rpm – so you can start off quickly and will seldom need to shift down, for example when passing slower moving vehicles. The very latest advances in engine technology with variable valve timing for both intake and exhaust valves (Dual CVVT) ensures excellent performance and cleaner exhaust emissions under all driving conditions. With highly efficient combustion and emission controls, this engine meets the very strict ULEV II emission requirements. The engine is mated to a five-speed Geartronic automatic transmission which also allows manual operation when you're in the mood for more active driving. The front wheel drive provides high driving stability at all speeds.

25 T AWD

VOLVO XC90 2.5T AWD (208 HP)

Effortless all-road empowerment. The electronically controlled all-wheel drive-system (AWD) adds yet another dimension to the XC90 2.5T driving experience. As the situation dictates, drive is continuously distributed at lightning speed between the front and rear wheels. You can enjoy superior driving stability and tractive capacity, on all types of roads, in all kinds of weather. The experience is further enhanced by the sophisticated 208-hp five-cylinder light-pressure turbo engine (236 ft./lbs. torque) and a responsive five-speed Geartronic transmission that allows you to switch between relaxed adaptive Auto mode and sporty Manual mode.

V8 AWD

VOLVO XC90 V8 AWD (311 HP)

Civilized strength. This flagship model is propelled by the first V8 engine in Volvo's history, a 4.4-liter powerhouse specifically tailored to the XC90. Its generous 273 ft. lbs of torque at 2000 rpm meets your everyday needs, but the massive 325 ft. lbs. that are pumped out at 3900 rpm give you stunning response, putting power at your disposal when you need it most. Concern for the environment is also an integral part of the new package. Features such as four catalytic converters, optimized ignition, and a lean fuel/air mixture during cold starts enable the engine to meet the exacting ULEV II requirement, making the Volvo V8 one of the cleanest engines in its class.

A new 6-speed Geartronic transmission, specially designed to bring out the best in the V8, combines with the unique, ultra-responsive AWD with Instant Traction™. The engine's power is seamlessly distributed to all of the wheels at the split second it's called for, and acceleration is immediate. The overdrive 6th gear also makes highway driving quiet, for relaxing long distance trips, and reduces fuel consumption.

STANDARD FEATURES

SAFETY:	XC90 2.5T	XC90 2.5T AWD	XC90 V8
Boron steel reinforced passenger compartment	●	●	●
Cargo cover	P	P	P
Collapsible steering column	●	●	●
Daytime running lights	●	●	●
Driver and front passenger supplemental restraint system – dual-threshold air bags	●	●	●
Dynamic stability and traction control (DSTC)	●	●	●
Front cross-member for SUV-to-car impact compatibility	●	●	●
Inflatable side curtain (IC) (coverage for third-row occupants when ordered with seven seats)	●	●	●
ISOFIX baby/child seat attachment (second row)	●	●	●
Pedestrian protection	●	●	●
Rear-door child safety locks	●	●	●
Roll-over protection system (ROPS)	●	●	●
Roll stability control (RSC)	●	●	●
Safe approach and home safe lighting	●	●	●
Seat belts: 3-point inertia-reel with automatic pretensioners for all seating positions; front belts include force limiters	●	●	●
Side impact air bags for driver and front passenger (SIPS bags II™)	●	●	●
Side impact protection system (SIPS)	●	●	●
Two-step remote entry, central power door locks	●	●	●
Whiplash protection seating system (WHIPS)	●	●	●
Volvo guard alarm with siren, battery back-up and immobilizer	●	●	●
INTERIOR:			
AM/FM with single in-dash CD, 160W, 8 speakers	●	●	N/A
AM/FM with in-dash 6-CD changer, 160W, 8 speakers (included in Premium Package)	P	P	●
Audio and cruise controls in steering wheel	●	●	●
Auto-dim rearview mirror (included in Premium Package)	P	P	●
B-pillar ventilation for second-row passengers	●	●	●
Cabin pollen filter	○	○	○
Cruise control	●	●	●
Dark wood inlays	●	●	P
Dual-zone electronic climate control (ECC)	●	●	●
Flat-folding 40/20/40 split second-row seat	●	●	●
Flat-folding front passenger seat	●	●	●
Grocery bag holder in cargo area (not available with the Versatility Package)	●	●	N/A
Illuminated vanity mirror in driver and front passenger sun visors	●	●	●
Leather-trimmed steering wheel	●	●	●
Outside temperature gauge	●	●	●
Power adjustable driver seat, 8-way with 3-position memory and lumbar support	●	●	●
Power adjustable passenger seat, 8-way with lumbar support (included in Premium Package)	P	P	●
Power windows with driver and front passenger auto up/down with anti-trap feature	●	●	●
Reading lamps (front, rear and third row if applicable)	●	●	●
Textile floor mats	●	●	●
Tinted rear windows	●	●	●
Trip computer	●	●	●
12 beverage holders	●	●	●
12 V power outlet	●	●	●
EXTERIOR:			
7" x 17" alloy wheels	●	●	●
Front fog lights	●	●	●
Front stainless steel skid plate	●	●	●
Power glass moonroof with slide/tilt positions, sliding sunshade and auto-open (included in Premium Package)	P	P	●
Power adjustable heated exterior rearview mirrors	●	●	●
Premair® treated radiator	●	●	●
Rear wiper/washer	●	●	●
Roof rails	●	●	●
Towbar preparation	●	●	●

● = Standard P = Package ○ = Option



PREMIUM PACKAGE*

A Volvo offers you long, relaxed drives and more spirit in your daily life. The Premium Package will provide you with some necessities for that extra ambience and convenience.

- Auto dimming mirror
- Leather gear shift knob
- Leather seating surfaces
- Power glass moonroof
- Power passenger seat
- 6 CD changer, in-dash

*Only available for 2.5T and 2.5T AWD.



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
- Headlight washers



VERSATILITY PACKAGE*

A Volvo is always fit to face the challenges of real life. To make your vehicle even more flexible and comfortable for the whole family, you can complete the experience with the Versatility Package including third row convenience.

- Air conditioner for 3rd row with separate control
- Integrated center booster cushion, 2nd row
- Rear audio headphone connectors and controls
- Self-leveling rear suspension
- Third row seats with leather seating surfaces

*Requires Premium Package on 2.5T and 2.5T AWD.



TOURING PACKAGE*

Empowering comfort and convenience are always at hand, no matter your destination. The Touring Package including Volvo's high-end Premium Sound audio system will further enhance that luxurious feel of your XC90.

- 18" ATLANTIS alloy wheels
- Dark wood inlays
- Leather gearshift knob
- Premium sound system, 305W with Dolby Pro Logic II® surround sound, 12 premium speakers
- Wood steering wheel

*Only available for V8. Also available with 18" ATLANTIS chrome wheels.



CONVENIENCE PACKAGE

The wide range of considerate and practical features makes life with your Volvo truly enjoyable. And by adding the Convenience Package, you expand your freedom even more.

- Cargo protection net
- Cargo security cover
- Park assist, Rear
- Power child locks
- Power retractable rearview mirrors

ON TOUR

Because music is essential to your well-being, two audio systems, Premium Sound and High Performance, are specifically configured for the ambient acoustics of the Volvo XC90's interior. Both systems make music worth listening to – whether you've got somewhere to drive or not. Like any modular high-end equipment, there are several alternatives for expanding and varying sound and function.





INTEGRATED MODULAR AUDIO SYSTEM

Smart modular design makes it easy to expand your audio system with a wide range of options, such as an integrated 6-CD changer conveniently controlled from the center console. And to allow rear seat passengers to listen to their own choice of music while you listen to yours, add rear headphone connectors.



DOLBY SURROUND PRO LOGIC® II AND ACTIVE SUB-WOOFER

The latest generation Dolby® Surround system, with a center speaker and digital sound processor, recreates authentic sound and ensures that everyone in the vehicle hears the music with the same natural quality. The result is a clear, open sound with a strong sense of presence, only available in a Volvo. And for a bass sound you'll feel throughout your body, add the 8-inch sub-woofer with a built-in 140 W amplifier.



RSE (REAR SEAT ENTERTAINMENT) SYSTEM

Enhances rear-seat passenger pleasure. Available as dual-screen, or a retractable 7-inch single screen. Wireless IR headphones allow passengers to watch a DVD movie, listen to a CD, connect a video camera or play games without disturbing others. When the vehicle backs up, the roof-mounted single screen retracts automatically.

PREMIUM SOUND

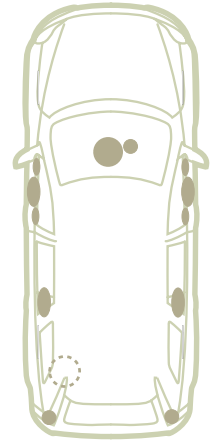
Uncompromising sound of absolute world class for the discerning music lover. Volvo's most sophisticated audio system with twelve Premium Sound speakers, an advanced Premium Sound amplifier and Dolby Surround Pro Logic® II. The speakers' power durability and excellent transient reproduction in combination with the amplifier's high capacity result in exceptional resolution and perfect dynamics. The Dolby® Surround system offers a uniquely realistic and three-dimensional audio experience whether you are sitting in the front or rear seats.

Premium Sound includes:

- 12 Premium Sound speakers
- Dolby Surround Pro Logic® II with center speaker and digital sound processor
- Premium Sound amplifier, 4x70 W plus 25 W for the center speaker
- Premium Sound digital sound processor
- Integrated 6-CD changer

Can be supplemented with separate remote control, active sub-woofer and rear headphone connectors.

* The Dolby and Pro Logic trademarks are the property of Dolby Laboratories.



- Speaker
- Sub-woofer, option

HIGH PERFORMANCE (STANDARD)

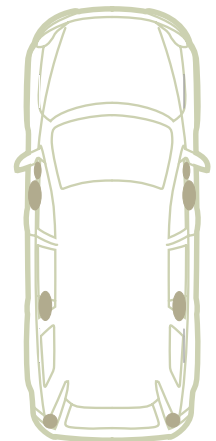
Generous standard system with RDBS radio and built-in single-CD player. An easy-to-operate and flexible system with the very latest technology that can easily be tailored to suit your demands for sound reproduction and functionality.

The following are included in the standard equipment:

- RDBS radio
- Single-CD player
- 4x40 W amplifier
- 8 speakers

Can be supplemented with 6-CD changer (replaces the single-CD player), separate remote control and the Premium Sound system.

RDBS features text-messaging via Radio Data Broadcast System.



FINISHING TOUCHES

Choose the little extras to suit your taste and temperament. Select a design from the aluminum wheels below and add exterior trim details until your Volvo XC90 is as robust, sporty or as elegant as you'd like it.





7 x 18" Chromed ATLANTIS alloy wheels
235/60/18 tires
(Optional)



7 x 18" ATLANTIS alloy wheels
235/60/18 tires
(Optional)



7 x 17" ANTAEUS alloy wheels
235/65/17 tires
(Standard V8)



7 x 17" NEPTUNE alloy wheels
235/65/17 tires
(Standard 2.5T)



ROOF RAILS, SILVER CROSSBARS AND ROOF PROTECTOR RIBS
Practical design elements that make it possible to fully exploit the roof-loading capacity. (Retailer installed accessory.)



ALUMINUM RUNNING BOARDS
Provide a more striking impression while matching the front and rear skid-plates. What's more, they protect the door-sills on uneven surfaces and make it easier to get in and out – and they're useful when loading the roof. Dimensioned for a load of 661 lbs. (Retailer installed accessory.)

SIDE DÉCOR

This elegant design kit is fitted along the front wheel arch, the lower part of the front and rear doors, and the rear wheel arch. It protects the sides of the vehicle and is color-coordinated to match the rest of the body. (Retailer installed accessory.)

FRONT BUMPER BAR

This feature adds a touch of distinction while highlighting the sporty look of the front design. Color-coordinated with the skid plate. (Retailer installed accessory.)



VOLVO MOBILITY PROGRAM

The goal of the Volvo Mobility Program is to assist persons with physical disabilities or hearing impairment achieve independence. For those with exceptional transportation needs, freedom can be facilitated within the extraordinary comfort and safety of a specially adapted Volvo. For additional information on this program, please contact the Volvo Mobility Program Headquarters at (800) 803-5222 or visit www.volvocars.us/mobility. TTY users are invited to call 1-800-833-0312.

INTERIOR SELECTIONS

Choose from a number of specially designed options to create the interior that best suits you. Then enjoy your creation every time you enter your car.



TAUPE INTERIOR

Taupe interior with Siljan cloth Taupe upholstery, Dark wood trims and leather-trimmed steering wheel.



Siljan cloth Taupe (C080)



Leather Light Taupe (C981)



GRAPHITE INTERIOR

Graphite interior with Leather Graphite upholstery, Dark wood trims and leather-trimmed steering wheel.



Siljan cloth Graphite (C070)



Leather Graphite (C970)

FACTORY-INSTALLED OPTIONS

The sense of quality and care – and knowing that you get the Volvo that suits your lifestyle. Customize your vehicle with the options that best meet your demands and desires, and you'll soon be behind the wheel of your individually tailored XC90.



THIRD ROW AC

To truly enhance comfort, you can supplement the ECC automatic climate unit with a separate manual air conditioning system for the third-row passengers. They can operate the blower speed themselves, adjusting output via the separate vents. Not in combination with a sub-woofer.

Included in the Versatility Package. (Std. V8)



POWER GLASS MOONROOF

Makes the interior feel extra light and airy. Touch a button – and you open or close the moonroof. And if the sun is too strong, you can always close the built-in sun shade.

Included in the Premium Package. (Std. V8)



BI-XENON HEADLIGHTS

Give you even more effective low and high beams, with a broader, longer and more pleasant beam throw under all lighting conditions. Low beam height is adjusted automatically to provide the best possible light pattern when the vehicle is heavily loaded.



VOLVO NAVIGATION SYSTEM*

The Volvo Navigation System can guide you anywhere with precise audio and visual directions. Using the global positioning satellite system, 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. When not in use, the screen retracts into the dashboard. All map-based information is stored on DVD.

Also available as an Accessory.



PARK ASSIST, REAR

Makes it safer and easier to back up, for instance when backing into a space between two cars. A pulsating tone inside the cabin rises to a steady signal when the object is approximately 1 foot behind your rear bumper.

Included in the Convenience Package.

*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 and traffic information. Always follow relevant regulations and road information.

ACCESSORIES

Volvo's accessories help you make your XC90 even more 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

- Business bag organizer
- Door sill moldings
- Electric cooler box
- Park assist front and rear
- Rear seat entertainment system
- Speaker upgrades
- Sun glass holder
- Volvo hands-free adapter with Bluetooth

FOR YOUR LEISURE

- Automatic leveling system
- Bicycle carrier (roof mounted)
- Bicycle holder (hitch mounted)
- Bicycle lift carrier (roof mounted)
- Canoe/Kayak carrier
- Cargo box
- Electric engine heater
- Engine protection plate
- First aid kit
- Interior bicycle holder
- Jumper cables
- Load basket (hitch mounted)
- Picnic table and seat cushions
- Roof mounted load carrier system
- Roof top load carrier/load straps
- Ski holder (hitch mounted)
- Ski/Snowboard carrier (roof mounted)
- Snow chains
- Square profile trailer hitch
- Trailer hitch step
- Trailer mirrors
- Warning triangle
- Windsurfing board carrier

FOR YOUR INTERIOR COMFORT

- Car cover
- Floor mats (rubber)
- Leather care kit
- Load liner
- Load securing net trunk floor
- Luggage compartment mats (rubber)
- Luggage compartment mats (textile)
- Net pocket side panel
- Net pocket glove compartment
- Pull out storage bin
- Rear bumper cover
- Steel cargo organizer
- Tunnel mats

FOR PRECIOUS CARGO

- Booster cushion and backrest
- Child activity bag
- Child mirror
- Padded neck cushion
- Padded upholstery/headrest
- Rear center armrest table
- Sun screen

EXTERIOR STYLING

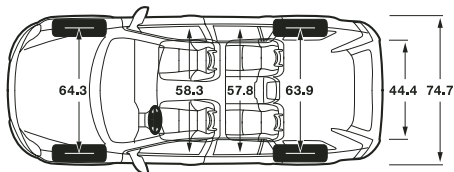
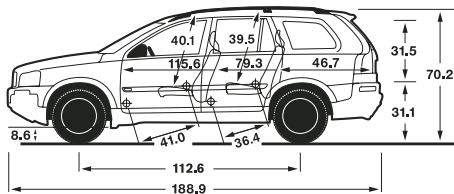
- Aluminum cross bars
- Aluminum wheels, 18" and 19"
- Front bumper bar
- Mud flaps front and rear
- Roof ribs
- Running boards
- Side decor
- Skid plate, rear bumper
- Wheel arch wideners

See the 2006 Volvo Accessories brochure for a complete list of Genuine Volvo Accessories.

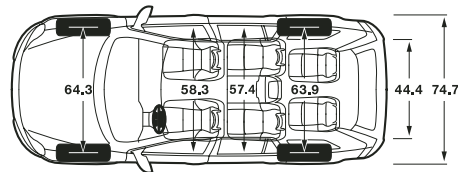
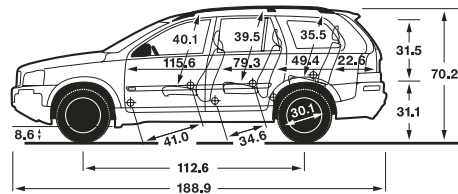
TECHNICAL SPECIFICATIONS

ENGINE:	XC90 2.5T	XC90 2.5T AWD	XC90 V8
Horsepower (SAE net)	208 @ 5,000 rpm	208 @ 5,000 rpm	311 @ 5,850 rpm
Torque (ft./lbs. SAE net)	236 @ 1,500 -4,500 rpm	236 @ 1,500 -4,500 rpm	325 @ 3,900 rpm
TRANSMISSION:			
6-speed driver-adaptive automatic with "geartronic"	N/A	N/A	●
5-speed driver-adaptive automatic with "geartronic"	●	●	N/A
Electronically controlled all wheel drive	N/A	●	●
Front wheel drive	●	N/A	N/A
BRAKES:			
4-channel anti-lock braking system (ABS) with electronic brake distribution (EBD) and emergency brake assist (EBA)	●	●	●
SUSPENSION:			
Front suspension: MacPherson strut, coil springs, hydraulic shock absorbers, stabilizer bar	●	●	●
Rear suspension: Multilink independent suspension with coil springs, hydraulic shock absorbers, stabilizer bar	●	●	●
STEERING:			
Power-assisted rack-and-pinion steering	●	●	●
Speed-sensitive power steering	N/A	N/A	●
EXTERIOR DIMENSIONS & WEIGHTS:			
Curb weight	4,450 lbs.	4,450 lbs.	4,826 lbs.
Fuel tank capacity	21.1 U.S. Gallons	21.1 U.S. Gallons	21.1 U.S. Gallons
Ground clearance – with 17" wheel	8.6 in.	8.6 in.	8.6 in.
Ground clearance – with 18" wheel	8.9 in.	8.9 in.	8.9 in.
Height with roof rails	70.2 in.	70.2 in.	70.2 in.
Length	188.9 in.	188.9 in.	188.9 in.
Top speed	118 mph	118 mph	130 mph
Towing capacity	4,000 lbs.	5,000 lbs.	5,000 lbs.
Track, front/rear	64.3/63.9	64.3/63.9	64.3/63.9
Turning circle, curb to curb	40 ft.	40 ft.	40 ft.
Wheelbase	112.6 in.	112.6 in.	112.6 in.
Width	74.7 in.	74.7 in.	74.7 in.
INTERIOR DIMENSIONS:			
Cargo capacity – 5-passenger (with second-row passenger seats folded)	84.9 cu. ft.	84.9 cu. ft.	N/A
Cargo capacity – 7-passenger (with second- and third-row passenger seats folded)	85.1 cu.ft.	85.1 cu.ft.	85.1 cu.ft.
Maximum cargo capacity – 5-passenger (with all passenger seats folded)	92.0 cu. ft.	92.0 cu. ft.	N/A
Maximum cargo capacity – 7-passenger (with all passenger seats folded)	93.2 cu.ft.	93.2 cu.ft.	93.2 cu.ft.
Headroom with moonroof – 5-passenger (front seat/second row)	39.7/38.9 in.	39.7/38.9 in.	N/A
Headroom with moonroof – 7-passenger (front seat/second row/third row)	39.7/38.4/35.5 in.	39.7/38.4/35.5 in.	39.7/38.4/35.5 in.
Headroom without moonroof – 5-passenger (front seat/second row)	40.1/39.5 in.	40.1/39.5 in.	N/A
Headroom without moonroof – 7-passenger (front seat/second row/third row)	40.1/39.5/35.5 in.	40.1/39.5/35.5 in.	40.1/39.5/35.5 in.
Hiproom – 5-passenger (front seat/second row)	55.4/53.6 in.	55.4/53.6 in.	N/A
Hiproom – 7-passenger (front seat/second row/third row)	55.4/54.1/N/A in.	55.4/54.1/N/A in.	55.4/54.1/N/A in.
Legroom – 5-passenger (front row/second row)	41.0/36.4 in.	41.0/36.4 in.	N/A
Legroom – 7-passenger (front row/second row/third row)	41.0/34.6/30.1 in.	41.0/34.6/30.1 in.	41.0/34.6/30.1 in.
Shoulder room – 5-passenger (front row/second row)	58.3/57.8 in.	58.3/57.8 in.	N/A
Shoulder room – 7-passenger (front row/second row/third row)	58.3/57.4/N/A in.	58.3/57.4/N/A in.	58.3/57.4/N/A in.
FUEL ECONOMY (MPG):			
Automatic trans highway/city	23/18	22/17	21/15

● = Standard



5-Seater



7-Seater

MEET THE FAMILY

Like most, our family has a number of colorful personalities. Rooted in Volvo's heritage, the common bond is a passion to protect and celebrate life. If you'd like to get better acquainted, see them all at www.volvocars.us

S



VOLVO S40 The compact and energetic sedan.



VOLVO S60 The sports sedan worth getting passionate about.



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

V



VOLVO V50 The Sportswagon – flexible, compact and full of zest.



VOLVO V70 The genuine family wagon – highly competitive yet comfortably versatile.

XC



VOLVO XC70 The rugged yet stylish all-roader.



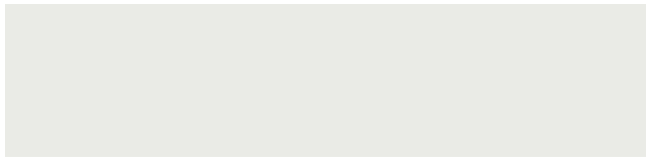
VOLVO XC90 The versatile SUV that takes you almost anywhere with grace.



019 Black*



455 Titanium Grey metallic



614 Ice White



467 Magic Blue metallic



426 Silver metallic



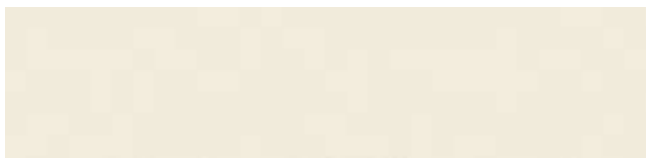
468 Lava Sand metallic**



452 Black Sapphire metallic**



469 Lunar Gold metallic*



453 White Pearlescent**



471 Willow Green metallic



454 Ruby Red metallic

*2.5T only

**V8 only

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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.

WELCOME TO OUR FAMILY

Being a Volvo owner is about more than just owning an automobile. It's about being treated in a caring, responsive and respectful manner every time you interact with our company. All of us are committed to making every aspect of your Volvo experience a rewarding one. So after the new car smell begins to fade, you'll still be excited about owning a Volvo.

**CARE
BY VOLVO**

VOLVO CAR FINANCE NORTH AMERICA

If you purchase or lease your Volvo through Volvo Car Finance North America, you can take advantage of services designed to make financing simple and convenient. Quick Debit, for instance, enables you to have your monthly payment automatically debited from a designated bank account. For more information, call 1-800-770-8234 or visit www.volvofinance.com

CARE BY VOLVO® 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, 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.

CARE BY VOLVO INSURANCE SERVICES

This exclusive Care by Volvo Insurance Services program* is designed to help you secure automobile insurance coverage at preferred rates available to Volvo owners. Our highly experienced, licensed insurance agents are ready to help you find the right coverage from a broad selection of top insurance providers – providers who recognize what makes you unique as a Volvo driver. Best of all, you get all the advantages of shopping around for special rates with one simple call to 1-877-VOLVO-05 or one simple form at www.volvocars.us/insurance

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 problem with your Volvo, simply contact the nearest retailer for assistance. Where your warranty ends, Volvo Increased Protection (VIP) plans begin. To purchase the additional protection of a VIP plan, contact your local retailer.

THE VOLVO OWNERS' CIRCLE

Driving is not the only rewarding part of owning a Volvo. As a member of the Volvo Owners' Circle, you'll have access to information designed exclusively for Volvo owners. This unique online resource includes frequently asked questions, special offers, a resale value wizard, and your own Virtual Glove Box – complete with an owner's manual and more.

VOLVO GENUINE 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 diagnostics, 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 smoothly long after other cars have given up.

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PERSONAL SHOPPER

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 Guest Drive for you at your nearest Volvo Retailer. So make the most of your shopping time and call the Volvo Personal Shopper at 1-800-550-5658. (U.S. only)

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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 Cars Safety 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 spectacular tours or on your own.
- Extensive complimentary home shipment services. Just leave your car with us. We'll ship it to you the convenient way while you relax and enjoy your complimentary flight back home.

Can 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

WWW.VOLVOCARS.US

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VOLVO
Volvo Car Corporation

