

VOLVO  
**XC90** 2005.5



**VOLVO**  
for life





THE VOLVO XC90	2
TO LIVE WITH	4
TO DRIVE	10
THE ALL-WHEEL DRIVE SYSTEM	16
TO BE SAFE	18
TO CARE	24
TO CREATE YOUR VERY OWN VOLVO XC90	28

**WWW.VOLVOCARS.US**







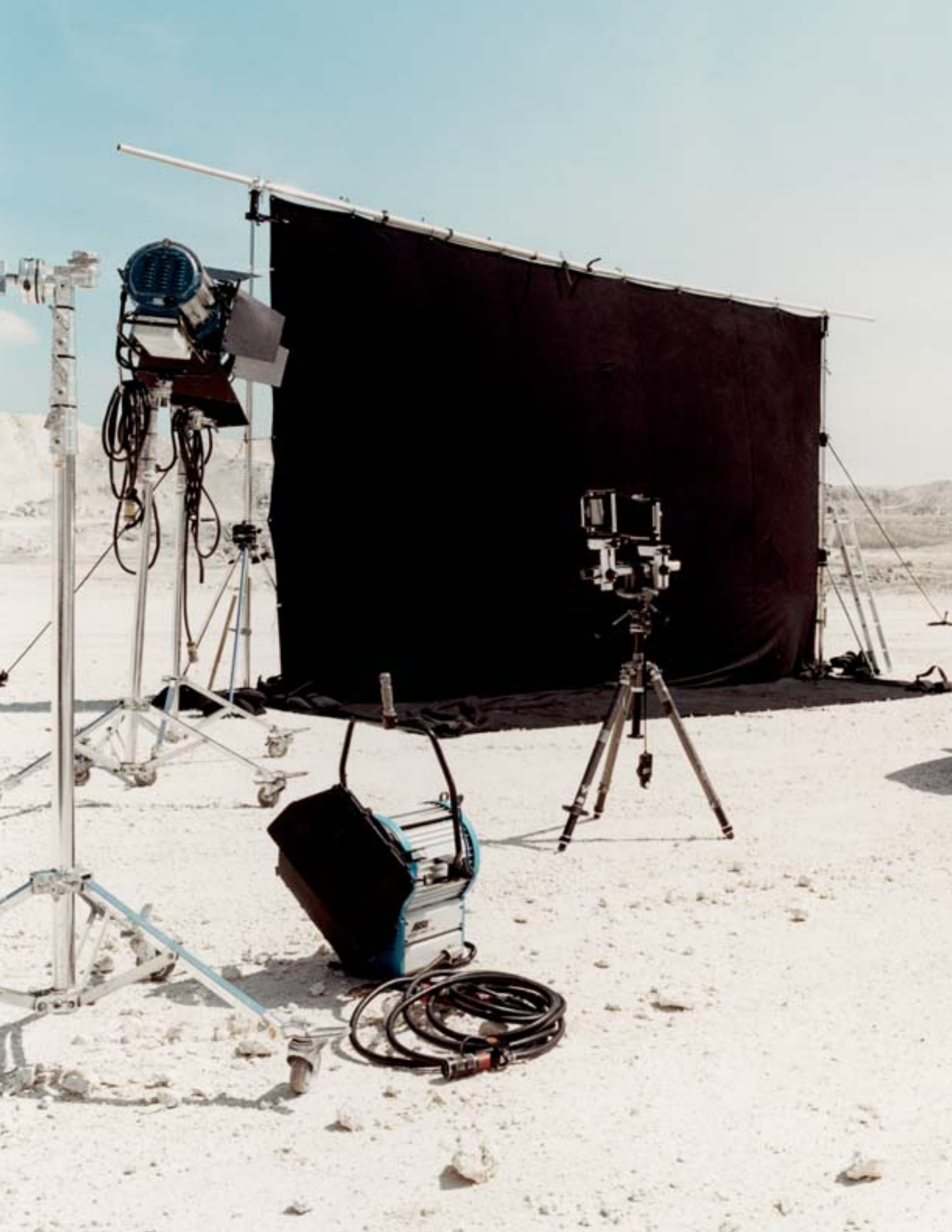
ANYWHERE.

ANYTIME.

ANY STYLE.

EXPLORE LIFE YOUR OWN WAY IN THE VOLVO XC90.







## VOLVO XC90

THE VOLVO XC90 IS A NEARLY PERFECT BALANCE OF DESIGN, CAPABILITY, AND SAFETY ENGINEERING. IT IS MUSCULAR, YET NOT AGGRESSIVE. ROOMY INSIDE, BUT COMPACT OUTSIDE. IT IS UNMISTAKABLY RUGGED, YET HANDLES LIKE A FINE EUROPEAN LUXURY VEHICLE. IT PAMPERS WITH LUXURY AND REFINEMENT, BUT DOES NOT SPOIL. IT IS DISTINCTIVE, YET HIGHLY VERSATILE. AND IT IS A TRUE SPORT UTILITY VEHICLE, BUT IT BRINGS VOLVO SAFETY TO THE SUV SEGMENT. BECAUSE WHEN YOUR VEHICLE HAS THE RIGHT FEEL, YOU EXPERIENCE A SPECIAL KIND OF FREEDOM.



## TO LIVE WITH

SOME TRIPS REMAIN A MEMORY FOR LIFE, OTHERS ARE SIMPLY NECESSARY. THE VOLVO XC90 HAS WHAT IT TAKES FOR EVERY TRIP TO BE AS COMFORTABLE AND ENJOYABLE AS POSSIBLE. AN EXCEPTIONALLY INSPIRING COMBINATION OF COMFORT, FLEXIBILITY AND DRIVING PLEASURE THAT MAKES THE HORIZON JUST A LITTLE BIT BROADER AND MORE FUN TO EXPLORE.



The Volvo XC90 is the vehicle for your current needs – whatever they are – with its long-distance comfort for up to seven people and their luggage. A remarkably flexible load compartment, a comfortable loading height and a two-section tailgate make the vehicle easy to load with everything you'll need for your trip. The tailgate can also be used as a convenient platform for accessing roof-mounted luggage, or hosting a tailgate party with a touch of Volvo elegance.



**“GOOD DESIGN** IS NOT ONLY A MATTER OF STYLING THE SURFACE. IT IS JUST AS IMPORTANT TO MAKE THE PRODUCT EASY TO UNDERSTAND AND USE. IF THE PRODUCT IS NOT FUNCTIONAL, IT CAN'T BE BEAUTIFUL.”

(THE VOLVO DESIGN PHILOSOPHY)





THE COMFORT IN THE VOLVO XC90 IS UNSURPASSED. THE VIEW FROM THE DRIVER'S SEAT IS COMMANDING, AND THE FEELING OF CONTROL IS EXCEPTIONAL. UP TO SEVEN PEOPLE CAN SIT BACK AND RELAX, SURROUNDED BY A WEALTH OF THOUGHTFUL DETAILS.

The powerful Dual Zone Electronic Climate Control system (ECC) maintains the set temperature and can be adjusted individually for the left and right sides. Adjustable air vents for the rear-seat passengers further enhance comfort and help keep the side windows from fogging. The optional air-quality system ensures that the incoming air is as clean as possible.

The front cup holders and center armrest put the focus on comfort. And by folding back the upper section of the armrest, the rear passengers get a practical table within convenient reach.



Two passengers, up to approximately 63 inches (160 cm) in height, ride in comfort in the rearmost seats of the seven-seat version. And to further enhance comfort at the back, the rear section of the vehicle can also be equipped with its own air conditioning system with adjustable air vents.





THE INTERIOR OF THE XC90 IS A PLEASURE TO EXPERIENCE, OFFERING A FEELING OF SPACIOUS, QUIET LUXURY. YOU AND YOUR PASSENGERS TRAVEL IN FIRST-CLASS COMFORT IN SEPARATE SEATS, ENJOYING AN UNOBSTRUCTED VIEW. THE XC90 IS AVAILABLE WITH FIVE OR SEVEN SEATS. EACH SEAT IN THE SECOND ROW OF THE SEVEN-SEAT VERSION IS INDIVIDUALLY ADJUSTABLE FORE-AFT FOR MAXIMUM COMFORT. AND AS NEW NEEDS ARISE – YOUR XC90 ADAPTS QUICKLY AND ELEGANTLY TO ACCOMMODATE.



The second row's center seat in the seven-seat version has an integrated booster cushion that has extra forward adjustment so a child sitting there has better contact with the adults in the front. And if more space is needed for additional legroom there, simply lift out the tunnel console's rear section.



When necessary, you can quickly fold the seven-seater's rearmost seats down into the load compartment floor. And to create more space for luggage, the second row's two outer seats can slide forward approximately 4 inches (100 mm), while the center seat offers nearly 12 inches (300 mm) of fore-aft movement.



By folding down the center seat in the second row, you can carry both luggage and passengers without compromising on comfort or safety. And if you choose the five-seat version, you get additional storage space under the load compartment floor.



With all the passenger seats folded down, you get a flat load compartment floor that is no less than 9.5 feet long.



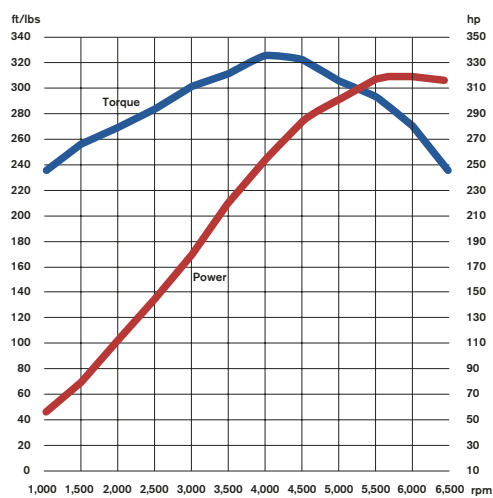
## TO DRIVE

WHEREVER YOU ARE HEADED, THE VOLVO XC90 GETS YOU THERE IN STYLE AND EASE, REGARDLESS OF THE ROAD CONDITIONS AND THE WEATHER. IT HAS THE STANCE AND POWER OF A GENUINE SUV – ALONG WITH THE SUPERIOR DRIVING FEEL, COMFORT AND SAFETY OF A VOLVO. COMFORTABLE LONG DISTANCE TRIPS OR TOUGH DRIVES OFF THE BEATEN TRACK – THE XC90 GIVES YOU GREATER FREEDOM TO MAKE YOUR OWN ADVENTURE.









#### **VOLVO XC90 V8 AWD**

The world's first V8 Volvo has a 4.4-liter engine with 311 horsepower. It can move you from standstill to 60 mph in 6.9 seconds flat. But that's only for starters.

The compact, transverse all-aluminum V8 meets your everyday needs with a generous 273 lb/ft of torque at 2000 rpm, and delivers a full 325 lb/ft at 3900 rpm. Because of the engine's quick reflexes, the ride is as smooth or spirited as your mood. Thirty-two valves, with continuously variable intake and exhaust timing are a finely tuned orchestra, whose muted tones when idling are transformed into a throaty growl as you accelerate, and subside into a pleasant purr at cruising speed. And the fact that this engine is one of the cleanest in its class, further adds to the experience.

The engine's full potential is put at your fingertips by a newly designed 6-speed Geartronic transmission. It takes you through the gears automatically with effortless precision, or allows you to shift at your own pace with a press of the gear lever.



THE EXTREMELY TORSIONALLY RIGID BODY IS COMBINED WITH A WIDE TRACK AND A WELL-BALANCED CHASSIS. ADD IN A POWERFUL ENGINE, GEARTRONIC AUTOMATIC TRANSMISSION, ELECTRONICALLY-CONTROLLED ALL-WHEEL DRIVE\* AND HIGH GROUND CLEARANCE – THE XC90 IS BUILT TO EXCITE AT ALL TIMES. BECAUSE WHAT MAKES IT A SPIRITED DRIVE ALSO PLAYS A VITAL ROLE IN THE SAFETY IT PROVIDES.



The smooth, powerful five- or six-cylinder turbocharged engine, with 208 hp or 268 hp, responds alertly and produces a steady surge of power across its entire range. The very latest engine technology with continuously variable valve timing adds spice to your progress, while keeping fuel consumption and exhaust emissions firmly under control.



The responsive Geartronic automatic transmission provides a superbly smooth driving experience with exceptional traction, even when the going gets really tough. Geartronic also allows you to shift gears manually when you are in the mood for more active driving.



The design of the front suspension promotes quick and precise steering response and makes the XC90 remarkably reassuring and relaxing on straight and twisting roads alike, irrespective of the road surface. It also helps further stabilize the vehicle if you have to brake hard.



The sophisticated multi-link rear suspension contributes to the excellent riding comfort and ensures well-balanced behavior on the road. Its design also enhances the vehicle's supple steering characteristics – in a curve, the rear wheels steer slightly in the same direction as the front wheels for added stability.

\* Volvo's all-wheel drive system is standard on the 2.5T AWD, T6 AWD. The V8 models feature the unique AWD with Instant Traction™.









## THE ALL-WHEEL DRIVE SYSTEM

GENEROUS GROUND CLEARANCE (8.9 INCHES), A RELATIVELY LOW CENTER OF GRAVITY AND AN ELECTRONICALLY-CONTROLLED ALL-WHEEL DRIVE SYSTEM\* INTERACT WITH A WELL-BALANCED CHASSIS AND POWERFUL TURBO ENGINE TO PROVIDE A UNIQUE COMBINATION OF STABILITY, COMFORT AND ACCESSIBILITY. SO REGARDLESS OF THE ROAD AND THE WEATHER, YOU CAN COUNT ON YOUR XC90 AWD TO DO ITS PART.

### WHEN THE ROAD IS DRY

The electronically controlled all-wheel drive system gives you superior roadholding and tractive force under all driving conditions. It responds extremely quickly, making it possible to balance understeering and oversteering tendencies with exceptional precision.

For example, during rapid acceleration or fast cornering, power is seamlessly distributed between the front and rear wheels in a fraction of a second to give you maximum driving stability. Behind the wheel, you won't even be aware that the AWD system is at work – you'll simply enjoy that superb feeling of total control.

The AWD system is controlled by an electronic management system that constantly monitors the speed of the wheels, throttle position, engine torque, engine speed, the DSTC system, and the brakes in order to always respond optimally to current driving conditions.

### WHEN THE ROAD IS SLIPPERY

The advantages of Volvo's AWD system are particularly noticeable on slippery roads. Since the pair of wheels with the best traction always receives most of the power, the vehicle is outstandingly stable. And making your way on slippery road surfaces is no problem. The AWD system's short reaction time provides immediate power to the wheels that are needed to help get started and maintain control, even under difficult conditions. At low speeds, the DSTC system ensures that the wheel with the best traction gets the most power.

\*Volvo's all-wheel drive system is standard on the 2.5T AWD, T6 AWD. The V8 models feature the unique AWD with Instant Traction™.



If you are cruising on straight, dry roads, the vehicle is almost entirely front-wheel driven for optimum stability and fuel economy.



If the front wheels show any tendency to spin, the AWD system responds instantly by redistributing up to 50% of the power to the rear wheels for maximum traction and stability.



If one or both wheels on one side of the vehicle spin, more power goes instantly to the wheels on the opposite side with the best traction.



When braking, the vehicle disengages drive to the rear wheels the instant you touch the brake pedal, thereby maximizing control and roadholding.



If you haul heavy loads, the rear wheels receive more power to maximize driving stability. Your XC90 can tow trailers weighing up to 5000 lbs (2250 kg).



## TO BE SAFE

THE VOLVO XC90 IS DESIGNED TO PROVIDE COMPLETE DRIVER CONFIDENCE AND OCCUPANT PROTECTION. AN ERGONOMIC DRIVER'S ENVIRONMENT AND SOPHISTICATED TECHNOLOGY MAKE IT EASIER TO PREDICT AND AVOID POTENTIALLY DANGEROUS TRAFFIC SITUATIONS. A WELL-BALANCED CHASSIS AND ACTIVE STABILITY-ENHANCING SYSTEMS HELP GIVE YOU CONTROL UNDER A WIDE VARIETY OF CHALLENGING CONDITIONS. AND SHOULD AN ACCIDENT BE UNAVOIDABLE, YOU AND YOUR PASSENGERS ARE PROVIDED ENHANCED PROTECTION BY ONE OF THE AUTOMOTIVE WORLD'S MOST EFFECTIVE SAFETY SYSTEMS. THE VOLVO XC90 STANDS ALONE IN ITS CLASS – ALLOWING YOU TO ENJOY THE EXPERIENCE TO THE FULL.



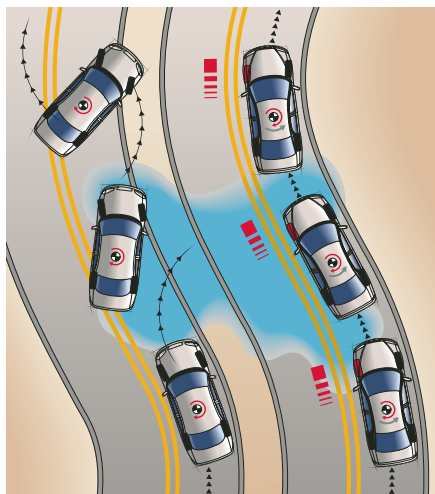
"CARS ARE DRIVEN BY PEOPLE. THE GUIDING PRINCIPLE  
BEHIND EVERYTHING WE MAKE AT VOLVO, THEREFORE,  
IS – AND MUST REMAIN – SAFETY."

ASSAR GABRIELSSON AND GUSTAF LARSON,  
THE FOUNDERS OF VOLVO.





The powerful anti-locking disc brakes help ensure a short stopping distance under a wide variety of circumstances and withstand tough use without fading. You can brake hard and steer quickly out of trouble at the same time. The ABS brakes are supplemented by EBD (Electronic Brakeforce Distribution) which regulates braking force to the rear wheels. And in situations calling for hard braking, EBA (Emergency Brake Assistance) helps you use the brakes to the full. If you do not press the brake pedal hard enough, EBA immediately steps in and provides just the right amount of braking force needed to bring the vehicle to a standstill in the shortest possible distance.



DSTC (Dynamic Stability and Traction Control) increases driving safety on very winding roads and in slippery conditions. If one of the driven wheels shows any tendency to lose traction, power to that wheel is cut at lightning speed so that it quickly regains traction. And should the vehicle show any tendency to skid, the DSTC system responds instantly by reducing engine power and braking the appropriate wheels to help you maintain smooth control.

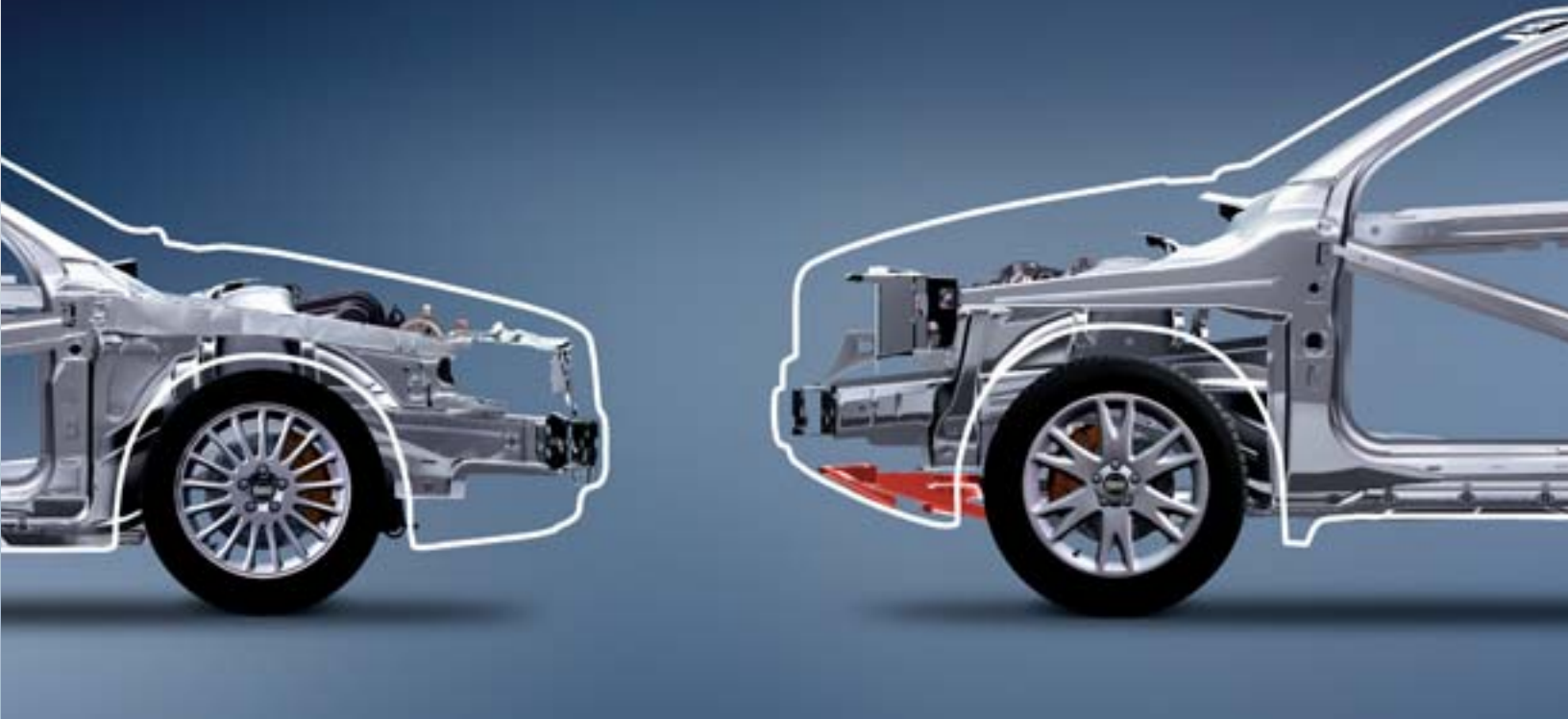


If an emergency situation calls for sudden evasive maneuvers, the RSC (Roll Stability Control) system takes charge to help stabilize the vehicle. The vehicle's angle of inclination, and the speed at which that angle changes, are registered by an electronic sensor. At a predetermined point, the RSC system steps in and immediately cuts the engine's power or brakes one or more wheels, just enough to help the vehicle regain its poise and help you remain in control.



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.





Safety in the Volvo XC90 also encompasses other road-users. An additional low cross-member at the front is positioned to help activate the other vehicle's own crumple zones. The front structure and hood are designed to help reduce the risk of injury to unprotected road-users – the hood serves as a crumple zone to help reduce the risk of serious injuries.



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 pre-tensioners are activated on all the seats to help keep the belted occupants more securely restrained in their seats.

WHIPS (Whiplash Protection System) is activated in certain types of rear-end collisions. A framework in the seat supports the back and helps prevent the occupant from being pressed too deeply into the backrest.



The entire backrest moves rearward to help prevent the occupant from being thrown forward by the force of the impact. At the same time, the upper part of the backrest moves up and forward to assist in reducing the strain on the back and neck.



Once the entire back has been securely cradled by the backrest, the backrest tips rearward to help reduce the force that would otherwise throw the head forward.



AT VOLVO, WE BELIEVE THAT IT'S THE WHOLE RATHER THAN THE PARTS THAT DETERMINES HOW SAFE A VEHICLE IS. THE VOLVO XC90 IS VERY MUCH THE PRODUCT OF THIS BELIEF – EVERYTHING INTERACTS HARMONIOUSLY TO HELP KEEP YOU OUT OF HARM'S WAY.

#### **SAFETY CAGE**

The robust safety cage is designed as an interactive web of steel beams that surround the occupants to help withstand severe crash forces. The key sections are made of extra-high-tensile steel and boron steel, and together with the other safety systems in the vehicle, help provide optimum crash protection.

#### **VISIBILITY**

Command seating positions, theater-style seating, and large windows provide superb visibility and make it easier to look ahead and avoid dangerous traffic situations.

#### **ADAPTIVE AIR BAGS**

The driver and front passenger airbags assist in protecting the head, face and chest in a frontal collision. They monitor the force of the impact and adapt inflation to the severity of the collision, with full or reduced pressure, depending on the force of the impact. If the collision force is not sufficient to trigger the airbag, only the seat belt pre-tensioner is activated. The passenger airbag is automatically connected or disconnected by sensors that monitor the weight of the person in the front passenger's seat.

#### **PEDESTRIAN SAFETY**

The front features clean, gentle, smooth lines, flush headlights, and low engine position to reduce danger to pedestrians, cyclists, and other unprotected road-users.

#### **DEFORMATION ZONES**

Front and rear deformation areas help dissipate collision forces to help reduce the effects on the vehicle's occupants.

#### **CRASH COMPATIBILITY**

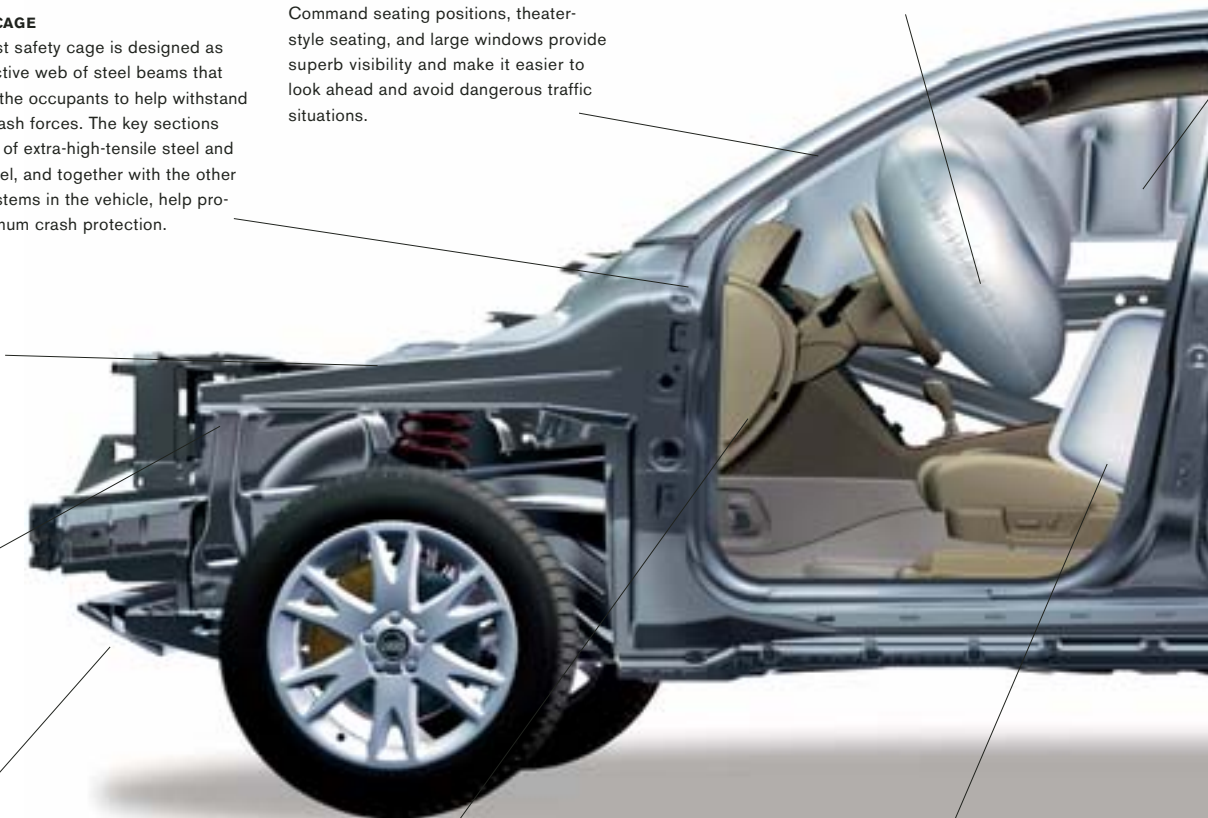
To reduce damage to a smaller vehicle during a collision, the front subframe includes a lower cross-member. It's designed to engage the oncoming vehicle's protective structure and activate its impact zone, so occupants can receive maximum protection.

#### **ENERGY-ABSORBING INTERIOR**

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

#### **SIPS (SIDE-IMPACT PROTECTION SYSTEM)**

SIPS distributes crash forces in a side impact across a larger part of the vehicle's body in order to help minimize the strain on the occupants. Extra-high-tensile boron steel in the door posts increases the overall side-impact protection still further. The IC (Inflatable Curtain) for all the vehicle's occupants, and the front side airbags help reduce the risk of injury to the head, chest and hips. The rear doors feature energy-absorbing blocks that help distribute incoming collision forces in a side impact.



## **PERSONAL SECURITY**

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.

#### IC (INFLATABLE CURTAIN)

IC (Inflatable Curtain) offers occupant protection irrespective of whether you are in the front or rear seat. It inflates in certain side impacts or roll-over accidents to help protect the heads of all outboard occupants. For added safety during multiple collision sequences or collisions of longer duration, it stays inflated for up to three seconds.

#### ROPS ROLL-OVER PROTECTION SYSTEM

RSC (Roll Stability Control) helps you retain control. If the vehicle nonetheless rolls over, the IC inflatable side curtains and seat belt pre-tensioners are triggered by an electronic sensor.

#### THIRD-ROW SAFETY

Head restraints, three-point seat belts with pre-tensioners, IC (Inflatable Curtain), a generous rear crumple zone – two passengers up to approximately 63 inches (160 cm) in height ride as safely and comfortably here as in any other seat. The seat's position above the rear axle contributes to added side-impact protection.

#### SEAT BELTS WITH PRE-TENSIONERS

All five seats have head restraints and three-point seat belts with pre-tensioners. In a collision, the seat belts are pulled taut to help keep passengers properly positioned. The front seat belts then slacken slightly so that the occupants are restrained by the airbags in a more controlled manner.



#### WHIPS (WHIPLASH PROTECTION SYSTEM)

WHIPS helps reduce the risk of whiplash injury by cradling the spine and neck in a controlled way if the vehicle is hit from behind at low speeds. It is built into the front seats and activated by a sufficiently severe impact.

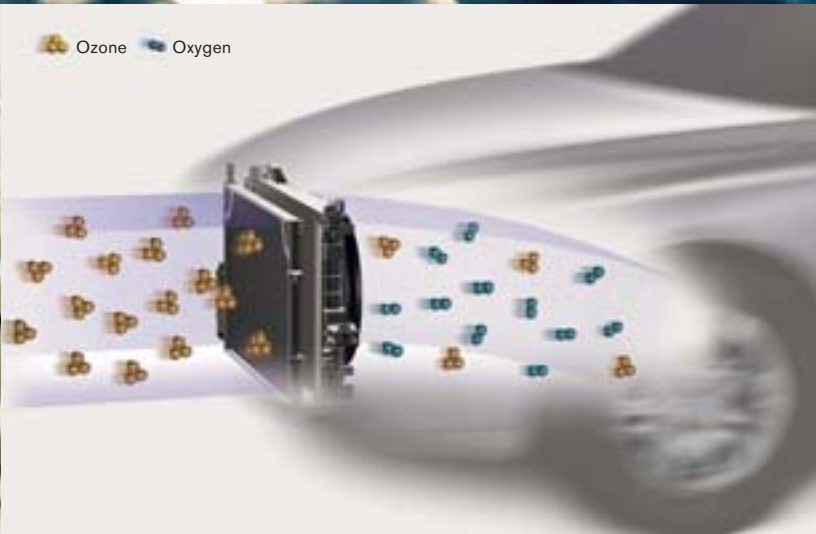
#### CHILD SAFETY

Volvo has designed this vehicle with the safety of children in mind. Smaller children up to the age of three, however, travel most safely in a rearward-facing child seat. The center row's two outer seats are equipped with ISOFIX/LATCH anchors to ensure quick and correct installation and removal of child seats. An integrated booster cushion in the center rear seat helps ensure that the seat belt is at the right height for somewhat older children.

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 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 are a simple way to deter the theft of your alloy wheels.





## TO CARE

CONCERN FOR THE ENVIRONMENT IS PART OF THE DRIVING EXPERIENCE IN THE VOLVO XC90. YOU GET A FUEL-EFFICIENT SUV WHICH MEETS THE VERY STRICT ULEV OR ULEV II EMISSION STANDARDS. YOUR VEHICLE CAN ALSO ENSURE THAT YOU AND YOUR PASSENGERS HAVE A HEALTHY CABIN CLIMATE. IT IS QUITE SIMPLY MORE ENJOYABLE TO DRIVE A VEHICLE THAT TAKES THE ENVIRONMENT INTO CONSIDERATION.

### CLEAN INSIDE

A cabin air filter ensures that dust, exhaust particles and pollen do not enter the cabin through the ventilation system. The Dual Zone Electronic Climate Control system (ECC) can be supplemented with an interior air-quality system that monitors incoming air and ensures that the carbon monoxide content does not rise too high inside the cabin, for instance when you drive on congested city streets, in traffic jams or in tunnels. The air quality system also shields the vehicle's occupants from certain unpleasant odors and from gases such as nitrogen oxide, ground-level ozone and hydrocarbons. In order to make life more pleasant for allergy sufferers and asthmatics, all the fabrics meet the requirements of the Öko-Tex\* ecological standard. Moreover, several interior components are tested with regard to contact allergies.

\*Öko-Tex is an international standard that guarantees that textiles and leather are free from allergenic substances, health-impairing materials and harmful emissions.

### CLEAN OUTSIDE

High-efficiency engines reduce fuel consumption, thereby also reducing emissions of carbon dioxide, a greenhouse gas. Advanced engine emission control technology eliminates 95-98 percent of carbon monoxide, hydrocarbons and nitrogen oxides from the exhaust gases. The catalytic converter is positioned right beside the engine so that it provides full exhaust conversion more quickly after a cold start. The T6 engine already meets ULEV emission standards, while the 2.5T and V8 engines meet the even stricter ULEV II standards. The engines also feature a special catalytic coating on the radiator, PremAir®, which converts up to 75 percent of the harmful ground-level ozone that passes through the radiator into pure oxygen.

PremAir® is a registered trademark of Engelhard Corporation.

### CLEAN ALL ITS LIFE

In the Volvo XC90, environmental care is built in from the initial design and engineering stages. The vehicle is built in one of the automotive world's cleanest factories, and 85 percent of each vehicle can be recycled. Volvo Cars also provides an environmental product declaration (EPD) – a tool that helps you choose a Volvo model on the basis of its overall environmental impact throughout its lifetime. The environmental product declaration can be viewed on [epd.volvocars.se](http://epd.volvocars.se)

### 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.

### CONTRIBUTING TO SUSTAINABLE DEVELOPMENT

Volvo Cars aims to be a leader in corporate citizenship – ensuring a balance between the needs of the company, its customers, society, and future generations. Environmental responsibility is an important part of this effort, and so too is a far-reaching undertaking to safeguard society's interests, in Volvo's role as an employer and as a builder of that society; both independently and together with other companies, authorities and organizations. Our annual "Corporate Citizenship" report is available on [www.volvocars.com/citizenship](http://www.volvocars.com/citizenship). And to recognize and reward ordinary Americans who go above and beyond the call of duty, we created the Volvo for Life Awards program, see [www.volvoforlifeawards.com](http://www.volvoforlifeawards.com)





IT'S DESIGNED TO REALIZE ALL-ROAD HARMONY ...



... WITH AN UNCANNY ABILITY TO SUIT YOUR TASTE FOR CHANGE.



ENJOY THE SATISFACTION OF GOING YOUR OWN WAY ...



... AND THE FREEDOM TO DRIVE BEYOND PRECONCEPTIONS.







## TO CREATE YOUR VERY OWN VOLVO XC90

CHOOSING THE VOLVO XC90 IS A HIGHLY PERSONAL MATTER. YOUR VOLVO IS AVAILABLE IN A NUMBER OF MODELS, EACH WITH ITS OWN ENGINE, POWERTRAIN, AND EQUIPMENT LEVEL. THIS MAKES IT EASY TO CHOOSE THE XC90 THAT'S JUST RIGHT FOR YOU. AND WHATEVER MODEL YOU CHOOSE, YOU CAN ENHANCE THE EXPERIENCE WITH ONE OR MORE OF VOLVO'S OPTION PACKAGES, AND SPECIALLY-DESIGNED OPTIONS AND ACCESSORIES.

THE XC90 SELECTION	30
STANDARD FEATURES	32
OPTION PACKAGES	33
AUDIO AND ENTERTAINMENT	34
FACTORY-INSTALLED OPTIONS	36
ACCESSORIES	37
INTERIOR SELECTIONS	38
EXTERIOR SELECTIONS	40
TECHNICAL SPECIFICATIONS	41
CARE BY VOLVO	43

**WWW.VOLVOCARS.US**



## THE XC90 SELECTION

IN A VOLVO XC90, THE POWERTRAIN AND CHASSIS INTERACT TO PROVIDE A HARMONIOUS BALANCE BETWEEN RESPONSE AND COMFORT. THE SMOOTH, POWERFUL FIVE OR SIX-CYLINDER TURBO ENGINES, 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.



## 25 T

### **VOLVO XC90 2.5T (208 HP)**

Top-class agility and real-life capacity. The five-cylinder 2.5-liter turbo-charged 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.

## T6 AWD

### **VOLVO XC90 T6 AWD (268 HP)**

The all-wheel drive SUV is powered by a remarkably smooth in-line six-cylinder 2.9-liter turbo engine. The engine pumps out its full torque potential (280 ft-lb) from just 1800 rpm, and then continues to pull across the full range of engine speeds. Twin turbochargers and variable valve timing for both intake and exhaust valves (Dual CVVT) promote superb performance and ensure that the engine meets the strict ULEV emission requirements. The engine is mated to a four-speed Geartronic automatic transmission which also allows manual gearshifts. The speed-dependent power steering in the XC90 T6 AWD provides progressively less assistance as speed increases, thereby improving steering precision and enhancing road feedback.

## 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 T6 AWD	XC90 V8
Boron steel reinforced passenger compartment	●	●	●	●
Cargo cover	P	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	●	●	–	–
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 for 2.5T and 2.5T AWD)	P	P	●	●
B-pillar ventilation for second-row passengers	●	●	●	●
Cabin pollen filter	○	○	○	○
Cruise control	●	●	●	●
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 for 2.5T and 2.5T AWD)	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	●	●	●	●
Dark wood inlays	●	●	●	○
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 for 2.5T and 2.5T AWD)	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
- Cargo security cover
- 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
- Headlamp 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
- Nivomat self-leveling rear suspension
- Rear audio headphone outlet and controls
- 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
- Cargo security cover (T6)
- Dark wood inlays (V8)
- Leather gearshift knob (V8)
- Premium sound system, 305W with Dolby Pro Logic II® surround sound, 12 premium speakers
- Power retractable rearview mirrors
- Wood steering wheel (V8)

\*Only available for V8 and T6 AWD.



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

\*Available V8 only.



## AUDIO AND ENTERTAINMENT

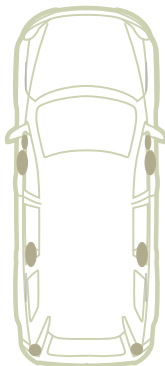
### HIGH PERFORMANCE (STANDARD)

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), MD player, separate remote control and the Premium Sound system.



- Loudspeaker
- Sub-woofer, option

RDBS features text-messaging via Radio Data Broadcast System.

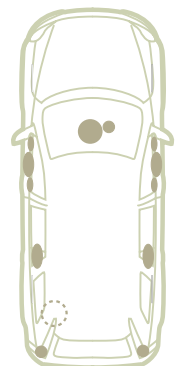
### PREMIUM SOUND

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 MD player, separate remote control, active sub-woofer and rear headphone outlets.



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

#### **PREMIUM SOUND SPEAKERS**

Specially designed to provide superior sound in your Volvo – without compromise. The twelve Premium Sound speakers' extremely clear and natural sound reproduction, even at high volume, produces an audio experience of absolute world class. A powerful Premium Sound amplifier with an advanced digital sound processor ensures the sound is reproduced with crystal clarity throughout the entire range – you can relax and thoroughly enjoy the distinct sensation of music with an immediate presence.



#### **DOLBY SURROUND PRO LOGIC® II**

The latest generation Dolby® Surround system with center speaker and digital sound processor recreates authentic sound from recordings and ensures that everyone in the vehicle hears the music with the same natural quality. The system provides a clear, open and natural three-dimensional sound with a true sense of presence. It's an audio experience that is unique in the automotive world – like having the best seats in the concert hall.

Included in Premium Sound.



#### **ACTIVE SUB-WOOFER**

Provides really full bass sound at all volumes. One 8-inch sub-woofer with extra long stroke and built-in 140 W amplifier for superb bass characteristics. Fitted behind the cargo compartment's left cover panel. Only available with the Premium Sound audio system. Not in combination with third row AC in the seven-seat version.



THOUGH HIGHLY ENJOYABLE IN AND OF ITSELF, THE XC90 CAN BE TRANSFORMED INTO A VIRTUAL MOBILE ENTERTAINMENT CENTER. THE SOPHISTICATED AUDIO SYSTEM SUITS YOUR VOLVO PERFECTLY AND PRODUCES A QUALITY SOUND THAT YOU FEEL THROUGHOUT YOUR BODY. IF YOU CHOOSE THE 305 W PREMIUM SOUND SYSTEM WITH DOLBY SURROUND PRO LOGIC® II, YOU AND YOUR PASSENGERS CAN ENJOY A PARTICULARLY LIVE EXPERIENCE – VIRTUALLY LIKE HAVING THE ENTIRE ORCHESTRA ALONG FOR THE RIDE. AND TO MAKE EVERY TRIP EVEN MORE MEMORABLE, YOU CAN ADD AN ENTERTAINMENT CENTER FOR YOUR REAR-SEAT PASSENGERS.



#### **INTEGRATED 6-CD CHANGER**

Allows you to switch easily between up to six CDs while driving. Conveniently controlled via the radio panel, allowing you to play the discs in sequence, choose a disc and track independently or allow the player to select at random. Replaces the standard single-CD player.

Included in Premium Sound, std on T6 AWD.



#### **REAR HEADPHONE OUTLETS**

Allow four rear-seat passengers to listen to the radio or their favorite disc at the same time, without disturbing the vehicle's other occupants. With separate controls for headphone volume and audio source. Also with controls for changing tracks or switching radio stations.

Versatility Package.



#### **REAR SEAT ENTERTAINMENT SYSTEM (RSE)**

Adds an enjoyable dimension to trips by providing dual screen entertainment for rear seat passengers. The system includes a DVD player, and two 7-inch screens, located on the rear side of the front seat head restraints. The wireless IR headphones enable the passengers to watch a DVD film, play a computer game, listen to a CD, or connect a video camera or other auxiliary equipment without distracting anyone else. The DVD player is located within easy reach at the rear of the center console, and is simple to operate with its own remote control.



#### 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. T6 and 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.



## 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.



#### 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 reverse, 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 (25 cm) behind your rear bumper.



## 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
- Electric cooler box
- Park assist front and rear
- Rear seat entertainment system
- Speaker upgrades
- Sun glass holder

### 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 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 box
- 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

### EXTERIOR STYLING

- Aluminum cross bars
- Aluminum wheels, 17" and 18"
- Mud flaps front and rear
- Roof ribs
- Running boards
- Side decor
- Skid plate, rear bumper

See the 2005 Volvo Accessories brochure for a complete list of Genuine Volvo Accessories.

#### TAUPE INTERIOR

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



## 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 XC90.



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)

## EXTERIOR SELECTIONS

THE EXTERIOR OF THE VOLVO XC90 ALSO OFFERS A GREAT DEAL OF SCOPE FOR PERSONAL PREFERENCES. THERE IS A WIDE SELECTION OF COLORS, A VARIETY OF ALLOY WHEELS AND OTHER EXTERIOR DETAILS THAT ALLOW YOU TO CREATE YOUR OWN PERSONAL XC90 – WHETHER YOU WANT A RELAXED, ELEGANT TRAVELING COMPANION OR A MORE ROBUST AND SPORTY PERSONALITY.

### ROOF RAILS, SILVER-FINISH CROSS BARS AND ROOF PROTECTOR RIBS

Practical design elements that make it possible to exploit the roof's load-carrying capacity to the full.

### 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.

### RUNNING BOARDS, ALUMINUM

Give the XC90 an even more powerful stance and match the front and rear skid plates. They protect the door sills and make it easier to get in and out of the vehicle, and also provide a convenient place to stand when loading the roof carrier. Built to accommodate up to 660 lbs (300 kg).



7x18" ATLANTIS alloy wheels  
235/60/18 tires  
(Optional)



7x17" ANTAEUS alloy wheels  
235/65/17 tires  
(Standard V8)



7x17" NEPTUNE alloy wheels  
235/65/17 tires  
(Standard 2.5T and T6)

## 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](http://www.volvocars.us/mobility). TTY users are invited to call 1-800-833-0312.



# 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](http://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.

### 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 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.

### CARE BY VOLVO® FACTORY SCHEDULED MAINTENANCE

Volvo is committed to a premium ownership experience for its customers. To further enhance your ownership experience, all 2005 models year Volvos sold in the United States will include Care By Volvo® Factory Scheduled Maintenance. This program provides scheduled maintenance coverage for the first 3 years or 36,000 miles, is designed to compliment your Volvo Warranty, and will help ensure trouble free operation of your Volvo. Optional program enhancements are available that will allow you to customize coverage to meet your driving needs. See your Volvo retailer for details.

### 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.

### 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](http://www.volvocars.us/insurance)

### 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)

\*Volvo Cars of North America, LLC is not an insurance company or agent. Its affiliate, American Road Services Company ("AMRO") and InsLogic Corporation ("InsLogic"), licensed insurance agencies provide all information regarding available insurance products. Insurance products are provided by non-affiliated participating insurance companies. Not all customers may qualify. In California, AMRO does business as American Road Insurance Agency and InsLogic does business as InsLogic Marketing Services Company.

# 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](http://www.volvocars.us/mybagsarepacked)

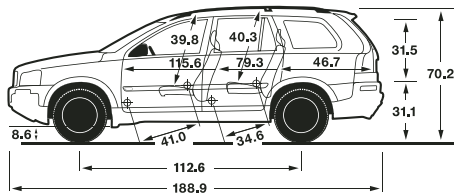


# TECHNICAL SPECIFICATIONS

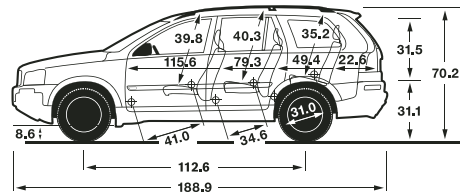
ENGINE:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD	XC90 V8
Horsepower (SAE net)	208 @ 5,000 rpm	208 @ 5,000 rpm	268 @ 5,200 rpm	311 @ 5,850 rpm
Torque (ft./lbs. SAE net)	236 @ 1,500 -4,500 rpm	236 @ 1,500 -4,500 rpm	280 @ 1,800 -5,000 rpm	325 @ 3,900 rpm
TRANSMISSION:				
6-speed driver-adaptive automatic with "geartronic"	N/A	N/A	N/A	●
5-speed driver-adaptive automatic with "geartronic"	●	●	N/A	N/A
4-speed driver-adaptive automatic with "geartronic"	N/A	N/A	●	N/A
Electronically controlled all wheel drive	N/A	●	●	●
Front wheel drive	●	N/A	N/A	N/A
BRAKES:				
4-channel anti-lock braking system (ABS) with electronic brake distribution (EBD) and electronic brake assistance (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.	4,450 lbs.	4,610 lbs.
Fuel tank capacity*	18 U.S. Gallons	18 U.S. Gallons	19 U.S. Gallons	21.1 U.S. Gallons
Ground clearance – with 17" wheel	8.9 in.	8.9 in.	8.9 in.	8.9 in.
Ground clearance – with 18" wheel	8.9 in.	8.9 in.	8.9 in.	8.9 in.
Height with roof rails	70.2 in.	70.2 in.	70.2 in.	70.2 in.
Length	188.9 in.	188.9 in.	188.9 in.	188.9 in.
Top speed	118 mph	118 mph	118 mph	130 mph
Towing capacity	4,000 lbs.	5,000 lbs.	5,000 lbs.	5,000 lbs.
Track, front/rear	64.3/63.9	64.3/63.9	64.3/63.9	64.3/63.9
Turning circle, curb to curb	39 ft.	39 ft.	39 ft.	39 ft.
Wheelbase	112.6 in.	112.6 in.	112.6 in.	112.6 in.
Width	74.7 in.	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.	84.9 cu. ft.	84.9 cu. ft.
Cargo capacity – 7-passenger (with second- and third-row passenger seats folded)	85.1 cu.ft.	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.	92.0 cu. ft.	92.0 cu. ft.
Maximum cargo capacity – 7-passenger (with all passenger seats folded)	93.2 cu.ft.	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.	39.7/38.9 in.	39.7/38.9 in.
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.	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.	40.1/39.5 in.	40.1/39.5 in.
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.	40.1/39.5/35.5 in.
Hiproom – 5-passenger (front seat/second row)	55.4/53.6 in.	55.4/53.6 in.	55.4/53.6 in.	55.4/53.6 in.
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.	55.4/54.1/N/A in.
Legroom – 5-passenger (front row/second row)	41.0/36.4 in.	41.0/36.4 in.	41.0/36.4 in.	41.0/36.4 in.
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.	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.	58.3/57.8 in.	58.3/57.8 in.
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.	58.3/57.4/N/A in.
FUEL ECONOMY (MPG):				
Automatic trans highway/city	TBD	TBD	TBD	TBD

● = Standard

\*All models produced after 11/08/04 have a 21.1 gallon fuel tank.



5-Seater



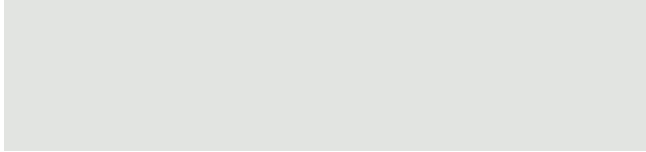
7-Seater



019 Black\*



454 Ruby Red metallic



614 Ice White



455 Titanium Grey metallic



426 Silver metallic



456 Crystal Green metallic\*



446 Ash Gold metallic\*



467 Magic Blue metallic



452 Black Sapphire metallic\*\*



468 Lava Sand metallic\*\*

\*Not available on V8.

\*\*Only available on V8.

**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.

**WWW.VOLVOCARS.US**

Specifications, features, and equipment shown in this catalog are based upon the latest information available at the time of publication. Volvo Cars of North America, LLC reserves the right to make changes at any time, without notice, to colors, specifications, accessories, materials, and models. For additional information, please contact your authorized Volvo retailer.

© 2004 Volvo Cars of North America, LLC. Printed in USA on recycled paper.

**MY05L 2**

**VOLVO**  
Volvo Car Corporation