

# THE ALL-NEW VOLVO V70



Before this, there were only cars.



When the Volvo Duett arrived in 1953, there was nothing like it. It created a category all its own; the multi-purpose wagon. Improved and refined year after year, this is the 10th generation of our Swedish herrgårdsvagn and it defies comparison yet again. There's more luxury here, more onboard intelligence, more practical space, and more of what we're known for and proudest of—safety. What's more, our dedication to safety is what promotes a joy of driving found in no other car. This is original thinking at its best. **The all-new Volvo V70.**

Not much has changed (in theory).



**Volvo. for life** A passion for safety  and the environment  – for well-being inside and outside your Volvo.

State of the art:  
heating, power adjustments with memory,  
automatic personal settings,  
allergy-tested materials,  
safety cage construction,  
side and rear impact protection systems

—and we've just started talking about the front seats here.



Imagine the rest of the all-new Volvo V70 when the front seats alone are so thoughtfully designed. New safety, comfort and convenience features complement each other with elegance and intelligence throughout. Form follows function like never before. In addition, a powerful six-cylinder engine is available in a Volvo V70 for the first time as are two-stage booster cushions.



**Whiplash Protection System (WHIPS)**

During a rear-end impact, the seat backrest will move backwards together with the occupant relative to the seat cushion; first in a parallel motion and thereafter in a tilting motion. During the motion, deformation elements in the recliner mechanisms deform and thus absorb some of the energy, reducing the impact to the body.



Anything else your majesty?



The elegant simplicity of modern Scandinavian design is well represented throughout the deluxe cabin and cargo area of the all-new Volvo V70. Here you'll find more comfort for passengers, more storage places for personal effects, and more cargo space, but you'll find absolutely no room for compromise—every detail here is a clever, refined expression of form in praise of function.



#### **2-Stage Booster Cushion (standard)**

These integrated seats adjust to two heights to accommodate children of different sizes. Now even smaller children can be seated higher to enjoy a safer and more comfortable ride. What's more, the inflatable curtains in the all-new Volvo V70 have been extended by 24in, which, in combination with the height-adjustable booster cushions and the stronger body side structure, provide more children of different sizes with better protection in a side impact.



#### **Interior Air Quality System (IAQS) (optional)**

IAQS monitors incoming air. If necessary, it will temporarily close external air vents to shut out carbon monoxide, ground-level ozone and nitrogen dioxide. Meanwhile, an active carbon filter prevents dust, exhaust particles, pollen and unpleasant odours from entering the car through the ventilation system.



#### **Intelligent Driver-Information System (IDIS) (standard)**

To help avoid distractions during critical driving situations, IDIS constantly analyzes your driving and will delay secondary information from the car or one of its onboard systems—when it detects intense steering, braking or acceleration. As soon as things calm down, the delayed information is then presented. This is an active safety system that helps reduce information-induced stress levels.

Even cargo  
travels  
first class.

**Cargo volume**

The cargo volume of the all-new Volvo V70 is 20.3 cubic feet with the rear seatbacks up and 72.1 cubic feet with the seats folded. This includes up to 1.6 cubic feet cleverly hidden under the floor.





### **Power tailgate (optional)**

The tailgate can be opened automatically three ways: with the remote control, using the switch on the dashboard, or by pulling the handle. To help minimize risk of injury, only a switch in the tailgate can be used to trigger automatic closing. Also, an anti-jam strip around the tailgate opening can detect obstructions to help avoid pinching fingers and things.



### **Loading systems**

The floor of the cargo compartment features new Cargofix rails fitted with four sliding hooks that can be used to secure items. When not in use, the hooks retract into the load rails. Additional hooks are provided on both sides of the load compartment just below the rear side windows. Load carriers, load covers, and more accessories are available to insure your cargo always travels first class.

### **Security**

The closed tailgate—just by the function of its elegant design—overlaps and locks the compartment hidden under the cargo floor. To keep this private storage area inaccessible to other users of the car, e.g., valet parking, you can set your private locking preferences to include the tailgate with your other lockable storage areas.

Fold down as much of the 40/20/40 split rear seat as you need to combine cargo and passengers comfortably and safely. The head restraints tuck conveniently out of the way, providing a flat-floored loading compartment. You can also add a floor-attached load securing net and a net pocket for each side panel. To conceal equipment in the load compartment, simply pull out the retractable load cover.

For unexpected shopping bargains and particularly bulky items, you can fold the front passenger backrest forward. This provides a long, flat-floored loading compartment from the tailgate to the dashboard. If that's not enough, there's a Volvo roof-mounted carrying system to keep your stuff high and dry.

# That's not a curve. That's the road smiling.

Friendly surroundings are not only found inside the all-new Volvo V70. The exceptional handling and performance characteristics of this car extract good will from most any stretch of pavement, especially corners. The well-matched engine and transmission are not only highly efficient, but they also reinforce the feeling of safety that comes from the ability to accelerate instantly. Clearly, this all-new Volvo V70 was built to please more than just the cargo.



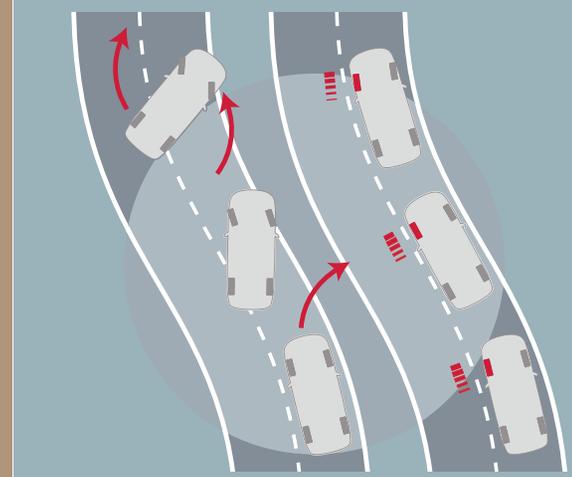
## **Fuel efficiency**

Advanced engine technology and aerodynamics help lower fuel consumption and carbon dioxide emissions—a main contributor to global warming. Of course, all Volvo engines comply with international environmental requirements.



# Smooth sailing, redefined.

The all-new Volvo V70 is well equipped to take what comes and go with the flow. The sophisticated chassis is engineered to provide confidence and composure at every turn. And if any road tries to get the best of you, the standard DSTC traction control system can make all the difference. Of course, this is what you expect from one of the world's safest cars.



## Chassis and steering

The chassis makes the most of its multi-link rear suspension to counteract any tendency to understeer while enhancing comfort. The McPherson front suspension struts promote quick response.



**DSTC**, Dynamic Stability and Traction Control, is a standard feature on the all-new Volvo V70 and it includes a number of functions that enhance both the safety and pleasure of driving. By comparing the rotation of the drive wheels and varying the power supply, DSTC helps maintain traction in nearly any situation.

At the core of the system, a gyroscope senses the car's direction and compares this with steering wheel movements as well as the actual rotation of the car's wheels. The system is able to detect a potential skid and helps to counteract it by reducing the engine's power output, or braking on one or more wheels. The anti-spin function can be disengaged—allowing some spin—to provide better traction in snowy conditions.

By helping to prevent fishtails, spinouts, and rollovers, stability control technology like DSTC has been described as the most vital safety advance of the past decade. In fact, studies suggest it may be second only to seat belts in protecting drivers and passengers.\*

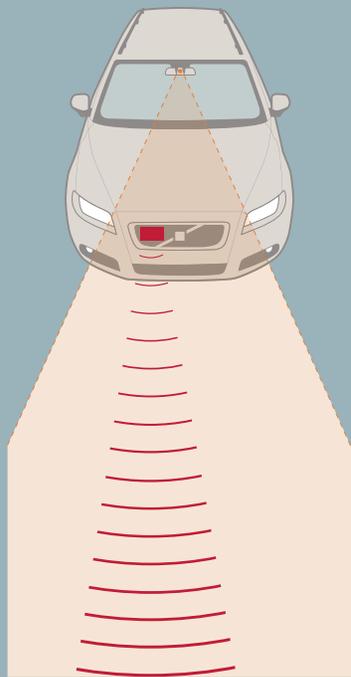
\*Studies include those from the Swedish National Road Administration, the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and the University of Michigan Transportation Research Institute.



Radar assisted  
traffic control is nothing new  
—if you're an airline pilot.

State of the art technology once only found among the clouds is now available at road level. In this case, we're talking about the advanced radar technology that monitors the vehicles driving in front of you for Volvo's Collision Warning with Auto Brake system\* and the Adaptive Cruise Control system.





**Adaptive Cruise Control (ACC) (optional)\***

ACC is designed for smooth traffic flow. You just select the desired speed and the minimum time gap to the vehicle in front of you. When the radar sensor detects a slower vehicle in front of you, the speed automatically adapts to that vehicle.

**Distance Alert (optional)\***

Activated at speeds of over 18 mph, the system continuously registers the distance to the vehicle ahead. If that vehicle comes too close, a red warning light is activated in the lower section of the windshield. Distance Alert can be used even if Adaptive Cruise Control is not activated.

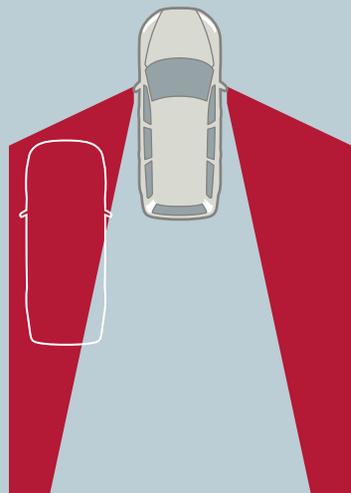
**Collision Warning with Auto Brake (optional)\***

Collision Warning with Auto Brake is designed to sense an impending collision and alert the driver to help avoid or reduce the severity of a crash. If the driver does not react to the warning and a collision is unavoidable, the brakes will activate automatically at up to 50% of their capacity. This sophisticated system uses a radar sensor behind the grille and a camera behind the windshield to continuously monitor the distance to the vehicle driving in front of you. If the vehicle suddenly brakes and the system senses that a collision is likely to happen, it will alert the driver to act with a flashing red warning light on the windshield and an audible alarm. Moreover, the system supports driver-initiated braking by pre-charging the brakes and preparing for emergency brake application.



**Emergency Brake Lights (EBL)**

Active at speeds above 37 mph, the EBL system can sense the difference between normal and emergency braking. If it is an emergency situation, the brake lights and additional taillights will remain on for as long as the brake pedal is depressed or until braking force on the vehicle is reduced.



**Blind Spot Information System (BLIS) (optional)**

BLIS uses rear-facing cameras installed in the door mirrors to keep a lookout on either side of the car. As a vehicle enters your blind spot, the system alerts you with an indicator light built into both front door posts. Together with the door mirrors, this helps you assess the feasibility of a lane change. BLIS is activated once the car exceeds 6 mph, and reacts to almost any type of vehicle from a motorcycle upward, day or night.

\*Available first quarter 2008. Even these sophisticated systems have limitations. It is the driver's responsibility to remain alert at all times. Certain road conditions, traffic and weather, or dirt and objects that obscure the radar and camera components, will reduce the efficacy of these functions.

Photogenic as it is, you may be surprised to learn it's the one taking the pictures.



Now supplemented by a digital video camera to help examine the road ahead, Volvo's advanced driving system helps make driving more comfortable. Located between the rear-view mirror and the windshield, this digital camera makes it possible for the system to discern stationary objects from other road users and to register lane markings. If you are ever distracted or tired, the system's ability to identify your lane—and any stationary vehicles in your lane—can help you reach your destination without incident and, might we say, picture perfect.

In addition to enhancing other features of Volvo's advanced driving system, the digital video camera helps make it possible to introduce the Driver Alert System. The Driver Alert System includes two functions, Lane Departure Warning and Driver Alert Control.



#### **Lane Departure Warning (LDW) (optional)\***

Lane Departure Warning uses the camera to help monitor your car's position on the road. If you weave out of your lane, the system will warn you. Of course you can choose between levels of sensitivity to determine how far over the line you can go before being warned. If you intentionally cross a lane marker using the direction indicators, LDW is not activated. Primarily intended for use on highways, LDW is activated when the car's speed exceeds 40 mph.

#### **Driver Alert Control (DAC) (optional)\***

Using signals from the camera to calculate the direction of the road along with data from steering wheel movements, the Driver Alert Control can compare any erratic behavior to your normal driving style and offer an alert. For example, if you inadvertently cross a lane marker, an audible warning is given. At the same time, a message is displayed in the instrument panel suggesting it might be time for a break. Using the car's menu system you can select preferences and activate the system.

\*Available first quarter 2008. Even these sophisticated systems have limitations. It is the driver's responsibility to remain alert at all times. Certain road conditions, traffic and weather, or dirt and objects that obscure the radar and camera components, will reduce the efficacy of these functions.

# VNS.

## Because winding roads and folding maps don't mix.

The Volvo Navigation System (VNS) provides detailed maps direct from a DVD. Whenever you place the car in reverse, the VNS screen can help show what is directly behind the vehicle by using the optional park assist camera. Other information and entertainment components on the center console are easy to reach and simple to operate.

### **Integrated Bluetooth® hands-free system (optional)**

Together with a compatible Bluetooth GSM phone, this feature combines the benefits of the car's infotainment system with wireless telephony. Caller ID and your telephone numbers are instantly displayed via the main display, and you can switch freely from the hands-free system to the phone itself. The system is conveniently operated using the steering wheel controls, and it automatically remembers the mobile last used.

### **Information menu**

Define your all-new Volvo V70's comfort, convenience and handling settings according to your personal preferences using this simple computer interface. Depending on which technologies you have, this is where you configure audio and climate settings, Adaptive Cruise Control, seat and mirror positions, navigation and the Intelligent Driver-Information System.

### **Volvo Navigation System (VNS) (optional)**

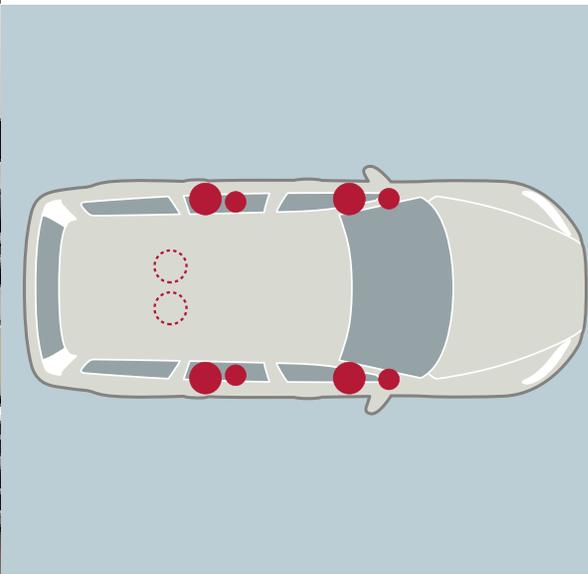
Volvo's navigation system is positioned on top of the instrument panel and operated with a remote control at the steering wheel. When not in use, the screen retracts into the dash. This system provides navigational maps and voice guidance—in the language of your choice.

### **Rear Seat Entertainment (RSE) (optional)**

With the dual screen RSE, two rear seat passengers can play a game or watch a film—independently or together. The system includes two 7-inch wide-screen displays integrated in the front seat head restraints and at the back of the central armrest there's a multifunctional DVD console with separate headphone inputs and an AUX input for game consoles and such. Wireless headphones are also available.



Volvo's modern sound system is among the best in class. The all-new Volvo V70 has a sound system that makes the most of your music. The world-class components are mounted in the dashboard—separately from the controls on the floating center console and the control buttons on the steering wheel.



#### High Performance

This is a powerfully versatile system. Each speaker is fitted with a powerful magnet and a large coil. In combination with the amplifier, this system promotes excellent transient reproduction and high power—quite simply superb sound. This High Performance system includes:

- In-dash single CD
- MP3 and WMA compatible
- 4x40 W amplifier
- 8 High Performance speakers
- AUX input
- Steering wheel integrated remote control

Options: rear seat audio console, USB and iPod® Music Interface, and 260-watt subwoofer.

#### Rear seat audio console (optional)

Incorporating sockets for personal headphones, the rear seat audio console allows passengers to choose between musical sources, songs or playlists. And, of course, it lets you adjust the volume.

## Registered guests only.

Intruders beware. The all-new Volvo V70 knows who belongs and who doesn't. The Personal Car Communicator helps sort out key holders from the crowd. Check your PCC remote on your return to your car and an onboard heartbeat sensor can warn you if someone unexpected is in there. Avoiding confrontations of this sort can be most beneficial. There is also a level sensor available that can warn you if someone is attempting to tow away your car or steal your wheels.

### **Personal Car Communicator (PCC) (optional)**

This convenience combines keyless drive with an interactive communication device that fits in the palm of your hand. Keep the PCC with you and the car unlocks automatically when you open a door. Start the engine by pressing a button on the dash. Lock the car by pressing a button in the door handle. Later in the day, if you're wondering whether you've locked the car, the PCC can remind you. On your return to the Volvo V70—within a radius of 65 to 110 yards—the PCC can provide a current report on its status. If the alarm has been activated, the on-board heartbeat sensor will give you advanced warning if there's somebody in your car and an opportunity to evaluate the situation safely.

### **Ground lighting**

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

### **Remote controlled alarm**

Connected to the doors, hood, tailgate and ignition, the alarm reacts to movement inside the car or the breaking of a window. A level sensor can be added to deter thieves from jacking-up the car and stealing your wheels. In an emergency situation, a panic button on the remote control or PCC can trigger the alarm for help.

### **Approach and Home Safe lighting**

Activated with the remote control or PCC, Approach Lighting provides a warm reception on a dark night. This consists of interior and side lights—ground lighting too, if you choose it. Home Safe Lighting is activated with the headlight stalk as you leave the car and it provides a similar courtesy when exiting your car. This feature includes low beam headlights to accompany you to your door.





# ⊕ This is where life starts.

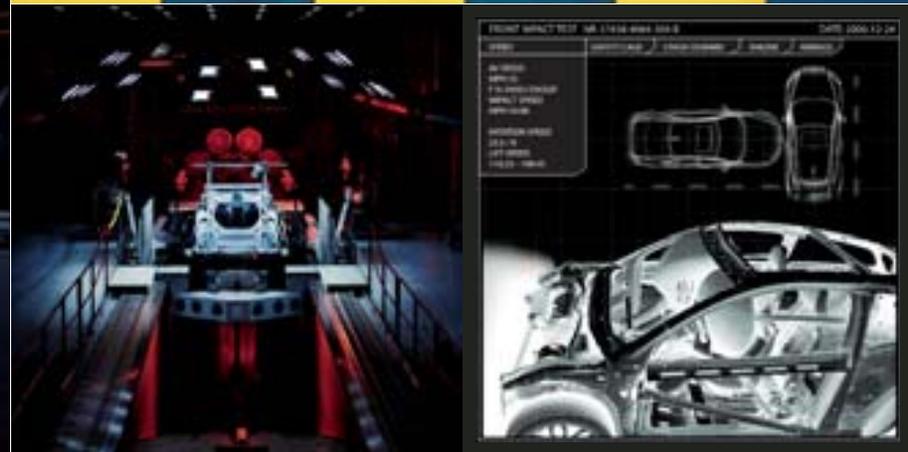


"Safety is our promise. People trust us, and that's a big responsibility. This is what we think about daily when we make our safety decisions. We have to maintain this trust—not only with words, but also with actions. That's also why the safety in a Volvo always begins and ends in a real life situation."

Ingrid Skogsmo, Director Volvo Car Safety Center

Inaugurated in 2000, the Volvo Cars Safety Center in Göteborg is the world's most advanced crash laboratory. Here, the purpose is to imitate traffic situations and crashes as they happen in real-life. We recreate crashes with all kinds of vehicles and road obstacles at almost every angle and at speeds of up to 75 mph. We perform realistic roll-over tests and test cars off-road as well as against genuine Swedish granite rock-face—we can even simulate impacts with wild animals such as a 1100 lbs Swedish

moose. Of course, these crash tests also incorporate advanced crash test dummies representing a wide range of sizes and ages—from infants to full-grown adults. Every crash is thoroughly documented using high-speed cameras and broken down into fragments of thousands of seconds. We even store crashed cars for a period for future reference. In addition to countless computer simulations, we conduct over 400 full-scale crash tests each year. Many of these tests are based on what our Accident



Research Team discovers at the scene of a real accident. Since 1970, our researchers have investigated over 36,000 such accidents. This gives us the unique ability to learn what works in real life and what doesn't—knowledge that helps us improve, innovate and help save lives.

#### **Life-saving knowledge**

Many of the safety features found in a Volvo are based on the findings from the Volvo Accident Research Team. A few recent examples are the collapsible steering column, the energy-absorbing frontal structure, Volvo's child safety equipment, the Side-Impact Protection System (SIPS) and the Whiplash Protection System (WHIPS).

#### **Recreating reality into its smallest details**

Advanced crash simulations are an important means to make realistic crash tests of separate components and interior safety systems. Our crash sleigh can recreate the exact movement the car makes the moment of collision, which is unique in the car world. This tipping affects the way occupants are restrained and can normally only be analyzed through expensive full-scale crash tests.

#### **Virtual crash tests**

Super-computers make it possible for us to recreate and analyze different crash situations six times a day without crashing real cars. We have the technology to test new cars virtually even before they exist as prototypes and we can incorporate extremely detailed virtual crash test dummies—we've even developed the world's first pregnant crash test dummy. This makes full-scale testing very effective and enables us to focus our resources where they are most useful.

# ⊕ This is living it.



Sweden. Other car manufacturers come here for final car testing under harsh and capricious conditions. For us it's home. This is where we live and drive, 365 days a year. So it's no wonder Volvos are in a category of their own when it comes to active safety. Take, for example, our own proving ground Hålleröd with its 34 miles of test tracks—including different road types from all over the world. This is the top-secret facility where we

scrutinize our cars' ability to support their drivers in all imaginable—and unimaginable—situations. On tracks that aim to reveal any weak spots, we expose all new Volvo models to extreme forces and conditions during thousands of test miles—not to mention the distances driven on ordinary Swedish roads. This is where innovation confronts reality. This is also where we evaluate the interaction between the car and the

driver because the most important safety feature in a Volvo is the driver. The more efficiently the car's onboard systems support you, the safer it is for you and your passengers.

**Double your illumination—twice**

Designed in a country characterized by cold and darkness for several months a year, the headlights in a Volvo V70 combine separate reflectors to provide even and effective illumination in all conditions. For even better night vision, there's the option of Bi-Xenon headlights. Compared to conventional halogen headlights, Bi-Xenon headlights expand your vision range by about 230%. Driving at 62 mph, this means you'll gain a further 147 feet for braking. Independent of the load, these headlights self-adjust to maintain the correct angle to the road—even during hard acceleration or braking.



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

Helping you to see around bends at night, this microprocessor controlled lighting system uses data such as steering wheel angle and car speed. The motorized headlights turn up to 15° in either direction when driving—reliably lighting up your chosen path. A daylight sensor disengages the system during daytime to extend its lifespan.

**NEW TECHNOLOGY FOR A NEW DRIVING EXPERIENCE**

Ultimately, no car is safer than its driver. So we loaded your all-new Volvo V70 with state-of-the-art technology to support and help you make the right decisions. Inspired by technology normally found in fighter aircraft, systems like Volvo's Intelligent Driver Information System (IDIS) senses your workload and will withhold incoming phone calls and other peripheral information in stressful situations. To further help assist you, there's the option of the radar based Adaptive Cruise Control with Collision Warning and Auto Brake. Apart from enhancing driving comfort, this can be useful to help you maintain the distance from the car in front of you. Collision Warning uses the same radar sensor to help you avoid or reduce the effect of a rear-end collision. Still, technology will never take the responsibility away from you as driver. The final decision is always in your hands. But if these technologies help make you more alert and relaxed as driver, they will also contribute to your overall safety and well-being in your Volvo.



**Emergency Brake Light (EBL)**

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

**Hydraulic Brake Assist (HBA)**

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

**Ready Alert Brakes (RAB)**

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

# ⊕ Designed for life.



**IN A FRONTAL COLLISION** the patented frontal structure with its sizeable deformation zones in different kinds of steel will yield to help absorb crash energy. In developing the all-new Volvo V70's protective qualities, we have focused on frontal collisions at both higher speeds and with heavier vehicles. The compact power train is designed to help optimize deformation—all main components in the engine compartment have their own predetermined positions to help keep components outside the cabin. A steel strut under the dashboard helps prevent components in the engine compartment from intruding into the cabin. This also helps protect legs and feet.

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

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

The interior is designed to help absorb as much crash energy as possible. The ignition switch, for example, is positioned on the dashboard away from the driver's knees.

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

Steve Mattin, Design Director, Volvo Car Corporation

It is the interaction between the different safety systems that determines how safe a car is. Not the number of safety features itself. First, the driver must have the right conditions behind the wheel. Seats, instruments, controls, visibility, and lighting—all contribute to safety when they interact to support the driver. Then there's how the car behaves on the road. The way the chassis interacts with brakes, steering and different stability enhancing systems not only determines how much fun the car

is to drive—this is also crucial in helping the driver maintain control in challenging situations. Finally, if an accident can't be avoided, you and your passengers are surrounded by a wealth of interacting protective systems. Hopefully you'll never have to experience them in action, but it can be reassuring to know they're there to help protect you.

**IN A ROLL-OVER** the extremely sturdy safety cage will help protect the occupants while the seat belts help keep them restrained in their seats. If the car has initially been hit from the side, the inflatable curtain (IC) is activated to help protect the heads of the outboard occupants and help keep them inside the car. The IC remains inflated for several seconds to help provide extended protection, regardless of whether the windows are up or down. The interior also adds to occupant protection. Additionally, the roof structure is reinforced to help keep the passenger compartment intact.



**IN A REAR IMPACT** the rear deformation zones will help absorb as much of the crash energy as possible before it reaches the cabin. Similar to the front, the rear safety structure features an optimized mix of different grades of steel to provide strength and carefully controlled deformation. The fuel tank is designed to remain well protected in front of the rear axle. Even the exhaust system and spare wheel are designed to have no effect on the energy absorption.

Inside the cabin, the head restraints not only help protect the neck and spine, but also help protect the head from shattering glass. Integrated in the front seats, Volvo's unique Whiplash Protection System (WHIPS) cradles the spine and neck in a controlled manner. The system is activated by a collision of sufficient force from behind. Independent research has shown that WHIPS is one of the most effective in the world. Since its introduction in 1998, it has helped reduce long-term consequences of accidents by more than 50%.

**IN A SIDE IMPACT** the distance between your chest and the colliding car is about 12 inches. So how can we best use this distance to help protect life? To provide strength and carefully controlled deformation in a side impact, the door and side structure of the Volvo V70 are built with ultra high strength steel and softer grades of steel. For example, the unique one-piece hydro-formed side structure is extremely strong to help withstand a severe side impact—even with a larger vehicle such as an SUV. In the front seats, you'll find strong, rigid side-impact tubes. These transfer the loads from the side of the car into the center of the car, where a steel box is deformed. The dual-chamber side airbags in the front seats help protect the occupant's chest and hip—the hip chamber inflates to five times higher pressure than the chest chamber to help absorb maximum impact where the body is most fragile. The inflatable curtain (IC) adds protection for the head and helps keep the occupants inside the car, both in the front and the rear. The IC also extends 2.4 inches farther to help provide better protection.

# Environmental care. Part of our commitment to safety and your well being.

At Volvo, the well being of people is at the core of every decision we make. And just like safety, we believe that environmental care requires a holistic approach from the very start. For this reason, Volvos are built in some of the cleanest automotive plants in the world.

## **Air quality control**

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

## **Testing materials for harmful substances**

To make life more comfortable for people with allergies or asthma, upholsteries and interior textiles comply with the Oeko-Tex Standard 100—an international benchmark ensuring that textiles and leathers are tested for certain allergy inducing or harmful substances. All interior metal details are tested with regard to contact allergies—so parts such as keys, door handles and seat belt buckles comply with the same standards for nickel leakage as high quality jewelry.



### **Fuel efficiency**

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

### **Emission control**

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

### **Clean all its life**

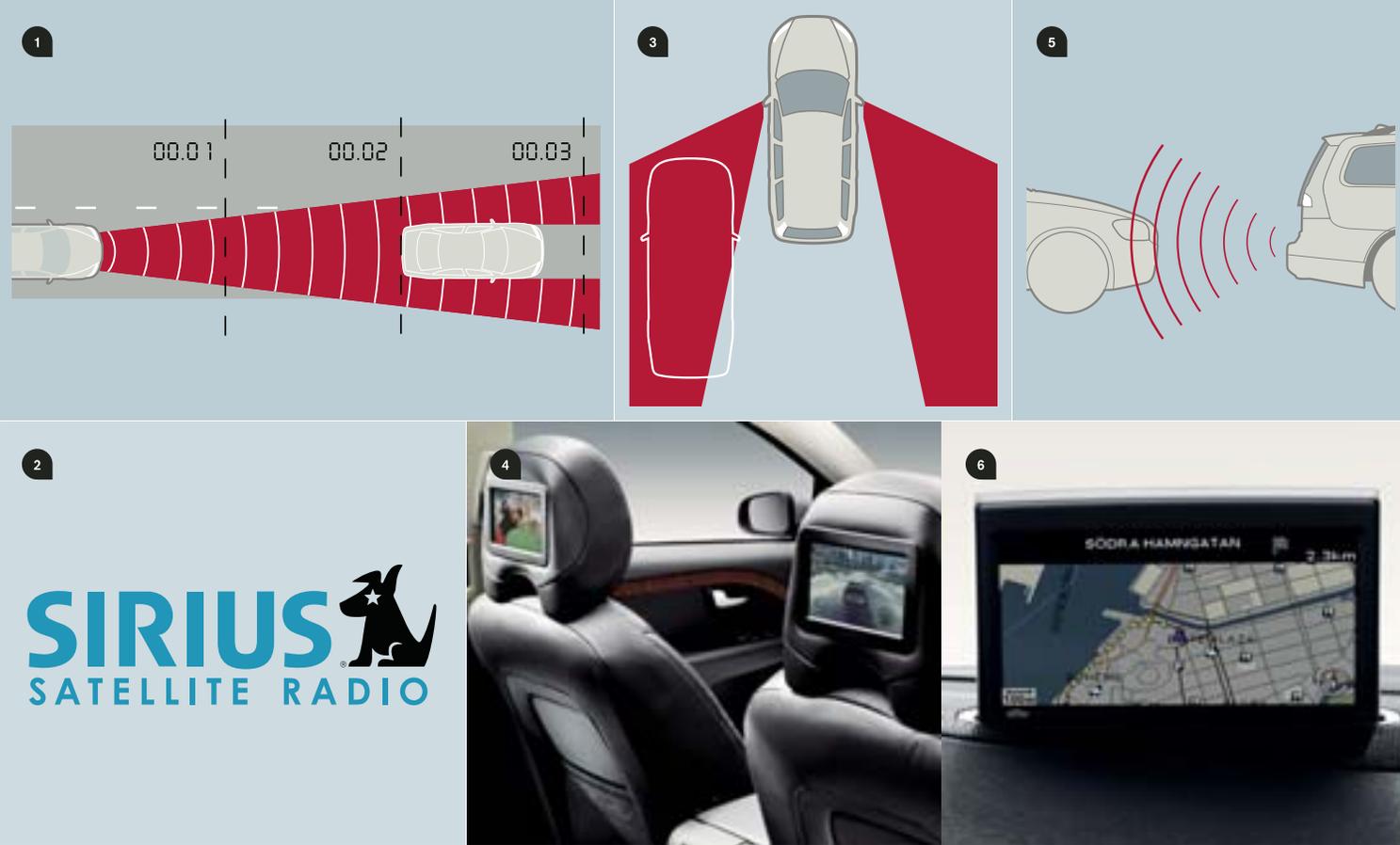
Every Volvo begins its relationship with the environment at the earliest stage of its design. Volvos are built in some of the cleanest automotive plants in the world. What's more, our Environmental Product Information (EPI) allows you to choose a Volvo model on the basis of its overall environmental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

To choose a Volvo model on the basis of its overall environmental performance, see our Environmental Product Information (EPI) guide at [www.volvocars.com/EPI](http://www.volvocars.com/EPI)



# Factory-installed options.

The sense of quality and care—and knowing that you get the Volvo that suits your lifestyle. Customize your car with the options that best meet your demands and desires, and you'll soon be behind the wheel of your individually tailored Volvo V70.



1

## Adaptive Cruise Control (ACC)

ACC is designed for smooth traffic flow. You just select the desired speed and the minimum time gap to the vehicle in front of you. When the radar sensor detects a slower vehicle in front of you, the speed automatically adapts to that vehicle.

2

## Sirius satellite radio

Satellite radio is now available for your Volvo. Volvo has joined forces with Sirius to offer an integrated satellite solution that is sure to provide endless listening enjoyment.

3

## Blind Spot Information System (BLIS)

BLIS uses rear-facing cameras installed in the door mirrors to keep a lookout on either side of the car. As a vehicle enters your blind spot, the system alerts you with a lamp built in to the front door post—left or right. Together with the door mirrors, this helps you assess the feasibility of a lane change. BLIS is activated once the car exceeds 6 mph, and reacts to almost any type of vehicle from a motorcycle upwards, day or night.

4

## Rear Seat Entertainment (RSE)

With the dual screen RSE, two rear seat passengers can play a game or watch a film—independently or together. The system includes two 7-inch wide-screen displays integrated in the front seat head restraints and at the back of the central armrest there's a multifunctional DVD console with separate headphone inputs and an AUX input for game consoles and such. Wireless headphones are also available.

5

## Park assist

Activated when you engage reverse gear, rear park assist helps you when reversing into tight spaces. The audio system is turned down and a pulsating sound from the rear loudspeakers becomes a continuous tone as you approach an obstacle. Front park assist performs a similar function at the front of the vehicle—alerting you via the front loudspeakers. Park assist sensors are integrated in the bumpers and color-coordinated.

6

## Volvo Navigation System (VNS)

Volvo's Navigation System is positioned on top of the instrument panel and controlled with a remote control at the steering wheel. When not in use, the screen retracts into the dash. This system provides navigational maps and voice guidance—in the language of your choice.

# Accessories.

Volvo's accessories help you make your Volvo V70 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**

- Park assist, front and rear
- Parking assistance camera
- Volvo Hands free with Bluetooth
- Moon roof wind deflector

## **FOR YOUR ENTERTAINMENT**

- Volvo iPod music interface
- Satellite Radio
- Rear Seat Entertainment System with Dual DVD player
- 6 Disc in dash CD changer

## **FOR PRECIOUS CARGO**

- Sun screen, rear doors
- Sun screen, cargo area
- Rear center armrest table
- Padded neck cushion
- Booster cushion and backrest
- Child Activity Bag
- Child Mirror

## **FOR YOUR LEISURE**

- Trailer Hitch, 2" Square profile
- Trailer hitch mounted bike carrier
- Trailer hitch mounted ski carrier
- Trailer mirrors
- Roof Mounted "Load Bar" carrying system

- Ski Carriers, roof mounted
- Snowboard carrier, roof mounted
- Canoe/Kayak carrier, roof mounted
- Surfboard carrier, roof mounted
- Bike carrier, roof mounted
- Load basket, roof mounted
- Cargo box, roof mounted
- Portable electric cooler / hotbox
- Integrated cooler/ hotbox
- Luggage compartment mats
- Grocery bag holders
- Net pocket, side panel cargo compartment
- Net, luggage compartment floor
- Dirt cover, rear bumper

- Business bag organizer
- Floor mats, rubber
- Tunnel mat, second row seats
- Sun Glasses holder
- Ashtray, front and rear
- Seat cushions, rear cargo area
- Rear seat guard
- Protective grille steel
- Cargo management system

## **FOR YOUR LOOKS**

- Wood steering wheel
- Interior décor panel kits
- Footboard, moldings, illuminated
- License plate frames

- Valve stem caps
- Aluminum wheels
- Chrome wheels
- Locking lug nuts
- Roof spoiler

## **FOR UNEXPECTED SITUATIONS**

- Mud Flaps, front and rear
- Electric engine heater
- Leather care kit
- Jumper cables
- Warning triangle
- First aid kit
- Snow chains
- Car cover

# Interior selection.



Leather Offblack upholstery  
Anthracite Black interior (E100)  
Classic wood center console and door panel inserts



Leather Soft Beige upholstery  
Sandstone Beige interior (E112)  
Classic Wood center console and door panel inserts



Sundby T-Tec/textile Offblack upholstery  
Anthracite Black interior (E500)  
Dark Fineline center console and door panel inserts



Sundby T-Tec/textile Mocca Brown upholstery  
Sandstone Beige interior (E514)  
Dark Fineline center console and door panel inserts



Leather-clad steering wheel,  
Charcoal



Leather-clad steering wheel,  
Soft Beige



Dark Finline trim  
(standard)



Classic wood trim  
(optional)



Leather-clad gear knob  
Charcoal, Geartronic



Leather/Classic wood gear knob  
Charcoal, Geartronic  
(optional)



Leather-clad gear knob  
Soft Beige, Geartronic



Leather/Classic wood gear knob  
Soft Beige, Geartronic  
(optional)

Exterior design.





Naos 7x16"  
Silver Stone



Spartes 7x17"  
Silver Stone

# Standard features.

<b>SAFETY</b>	<b>V70 3.2</b>
Anti-submarine seats	●
Daytime running lights (halogen semi-sealed with replaceable bulb)	●
Driver and front passenger supplemental restraint system—dual-threshold air bags	●
Immobilizer, encrypted ignition key	●
Inflatable side curtain (IC)	●
ISOFIX baby/child seat attachment system	●
Overhead-mounted seat belt reminder lights	●
Rear fog light with auto-off	●
Safe approach and home safe lighting	●
Seat belts: five, 3-point inertia-reel belts with automatic pretensioners; front belts have height adjustment	●
Security system	●
Side impact air bags for driver and front passenger (SIPS bags II™)	●
Side impact protection system (SIPS)	●
Dynamic stability and traction control (DSTC)	●
Whiplash protection seating system (WHIPS)	●
<b>INTERIOR</b>	
Auto-dim rearview mirror	●
Cruise control	●
Cup holders	●
Dual-stage integrated booster seats/adaptive seat belts	●
Dual-zone electronic climate control (ECC)	●
Five padded head restraints	●
Four reading lights	●
Front and rear 12-volt power outlets	●
Front center armrest	●
Front door-panel storage pockets	●
Front seat-back storage pockets	●
Illuminated lockable glove compartment	●
Illuminated vanity mirrors in driver/front passenger sun visors	●
Interior cabin light delay	●
Leather-clad gear knob	●
Leather-clad steering wheel	●
Luggage/cargo area lights	●
Plush front and rear floor mats	●
Power-adjustable driver seat, 8-way with 3-position memory and lumbar support	●
Power child locks rear doors	●
Power windows with driver and passenger auto up/down with anti-trap feature	●
Rear seat ventilation outlets on B-pillar	●
Rear window defroster with automatic timer	●
Tilt/telescopic steering wheel with illuminated cruise and audio controls	●
Trip computer	●

<b>EXTERIOR</b>	
Central power door locks with remote control, tailgate and fuel filler door locks	●
Entry/exit lights in outer rearview mirrors	●
Front fog lights	●
Outside temperature gauge	●
Pollen filter for passenger compartment	●
Power-adjustable heated exterior rearview mirrors	●
Tinted windows	●
2-speed windshield wipers with intermittent cycle	●

● = Standard



## Packages.

### **COLLISION AVOIDANCE PACKAGE**

This package of Collision Avoidance Driver Support Systems is designed to help assist a driver in avoiding potential accidents caused by driver distraction. This unique package offers five support systems.

- Adaptive Cruise Control
- Collision Warning with Auto Brake
- Distance Alert
- Lane Departure Warning
- Driver Alert Control

### **CLIMATE PACKAGE**

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

- Heated front seats
- Heated windshield washer nozzles
- Headlight washers
- Rain sensor

### **CONVENIENCE PACKAGE**

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

- Park Assist Front/Rear
- Front Fog lights
- Grocery bag holder, cargo area
- Humidity sensor for ECC System
- IAQS (Interior Air Quality System)
- Power operated tailgate
- Private locking
- Sunglass holder
- 12 volt outlet, cargo area
- Roof rails

### **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.

- Audio dimming mirror with compass
- Classic wood inlays
- Homelink™
- Leather clad gearlever knob with classic wood inlay
- Leather seating surfaces
- Power glass moonroof
- Power passenger seat

# The all-new V70 specifications.

## ENGINE

### Six-cylinder in-line all-aluminum engine.

Double overhead camshafts, 24 valves with Variable Valve Timing (VCT). The 3.2 engine features Variable Intake System (VIS) and Cam Profile Shifting (CPS) on the intake camshaft. Electronic engine management system. Three-way catalytic converter with heated oxygen sensor

This highly compact all-new in-line six-cylinder engine meet high expectations for performance, comfort and environmental care. Advanced engine technology, such as the variable geometry intake manifold, helps increase torque over a wide speed range and ensures power at high revs. And depending on your driving style and the situation, the intake valve train in the 3.2 automatically switches between economy and performance modes to optimize efficiency. The engines' compact design aids safety performance in a frontal collision. The latest generation of fast response emission control technology ensures that the engines comply with stringent environmental standards such as California's ULEV II.

### Volvo V70 3.2 (235 hp)

Engine type: 3.2-liter in-line six-cylinder engine  
Max power output: 235 hp at 6200 rpm  
Max torque: 236 ft/lbs at 3200 rpm  
Acceleration 0-60 mph, auto: N/A  
Top speed, auto: N/A  
Fuel consumption, mpg, mixed cycle, auto: N/A  
Environmental classification: Euro 4 (2005)  
Transmission: Six-speed Geartronic automatic

## DRIVELINE

Transverse engine. Front wheel drive. Six-speed Geartronic automatic with lock-up function, winter mode and mode for manual shifting.

## CHASSIS

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

The rigid body and wide wheelbase enable optimal suspension performance, balanced handling and a high level of comfort. The front and rear suspensions interact to provide stable braking and smooth steering. The DSTC system cuts in if either of the drive wheels begins to lose traction or if a skid is imminent.

## STEERING

Power-assisted rack and pinion steering. Tilt and telescopic steering wheel column. 2.8/2.6 turns lock to lock. Turning circle 36-40 feet (depending on tires).

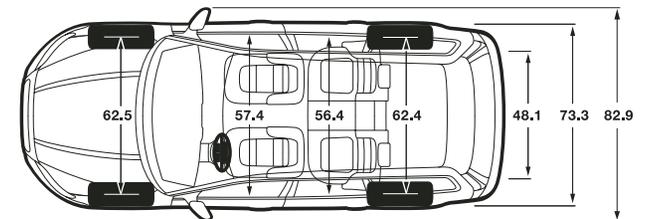
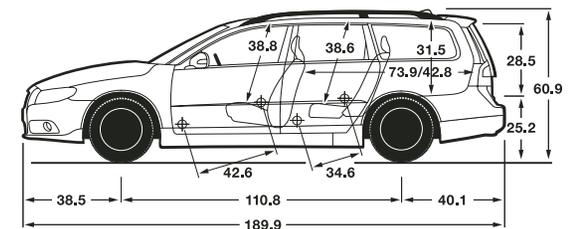
## BRAKES

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

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

## FUEL TANK

18.5 gallons



Meet the family.

To live life is to care about it.

S



**The new 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



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



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

XC



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



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

C



**The new Volvo C30** The compact and charismatic SportsCoupe.



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



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

Every moment in a Volvo is a moment designed to celebrate life. A life full of twists and turns, ups and downs; the little things as well as the big ones. Of course, to live life to its fullest isn't just about you caring for others is important as well.

For eighty years we have helped save lives on roads around the world. Nevertheless, when it comes to improving automotive safety, we will never be satisfied. And while we're seeking new solutions, our existing safety systems are preventing many accidents from happening and providing some real protection when they do.

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

# Taking care of your ownership needs.

It's a simple idea; one point of contact for all your car ownership needs, whether it's finding the right financing or who to contact in an emergency.

Get the most out of owning your Volvo.

## **Volvo Car Finance North America**

If you purchase or lease your Volvo through Volvo Car Finance North America, you 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)

## **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 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.

## **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.

## **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.

## **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.

## **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 Overseas Delivery.

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

- Attractive pricing on US models.
- Two complimentary round-trip tickets with Scandinavian Airlines.
- One free hotel night in Gothenburg, Sweden, the home of Volvo.
- An exciting Volvo Factory Tour or a visit to the new Volvo Brand Experience Center.
- An exclusive VIP delivery experience at the Volvo Factory Delivery Center.
- The opportunity to explore Europe in the comfort and safety of your own Volvo, either with one of our 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.

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# A world of colors.



614 Ice White



426 Silver metallic



471 Willow Green metallic



484 Seashell metallic



466 Barents Blue metallic



454 Ruby Red metallic



455 Titanium Grey metallic



019 Black Stone

**Please note:** It is not possible to reproduce exact original shades in printed matter. Please ask your dealer to show you samples.



## Clean colors

To reduce usage of environmentally hazardous solvents all Volvo exterior colors are water-based. What's more, our painting facilities are among the cleanest in the world.

Volvo. for life

**VOLVO**  
Volvo Car Corporation

**WWW.VOLVOCARS.US**

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