“Cars are driven by people. The guiding principle behind everything we make at Volvo therefore is, and must remain, safety.”

Assar Gabrielsson. A Volvo founder. 1927
Truly a **car for all seasons**, Volvo's S70 expands your opportunities to explore and experience personal freedom and individual driving pleasure. Featured with either **Front-Wheel-Drive** or **All-Wheel-Drive**, the athletic and refined S70 delivers a unique and exciting blend of exhilaration and practicality.

Available in four models, the S70 offers a unique blend of **performance, personal comfort** and **flexibility** that can be tailored to a wide spectrum of individual tastes. Personal taste in interior appointments can be addressed with an extensive array of features including state-of-the-art audio, leather-faced seating and more.
Sliding easily behind the wheel of Volvo's S70, you are welcomed into a *cabin environment* distinguished by its extraordinary sensory appeal. Pleasingly *distinctive* with a clean, efficient and purposeful character expressed elegantly in soft contoured shapes, the S70 interior relaxes the eye and rewards the touch.

Developed with *personal safety* as a primary objective, the S70 surrounds you with a comprehensive and seamlessly integrated system of personal protection.

Spacious and versatile, the S70 provides *comfortable seating* for five adults, with the added convenience of a 40/60 split folding rear seat for added cargo capacity. In addition, a convenient cargo pass-through allows for locked storage of long items such as skis.
New upholstery available for 1999: Vinyl/Fabric split and Volvo V-Tex Vinyl.
Upon entering the S70, you are immediately engaged by the open and appealing cabin environment. Large and easily readable analog instruments provide a handsome focus in the sculpted instrument panel. Visually balanced and ergonomically astute, all gauges, instruments, and controls are positioned to make access to information effortless and driver movement natural.

Seating surfaces covered in a choice of rich fabrics or leather add a luxurious feel and visual appeal to the extraordinary comfort of Volvo's superior upholstery construction. Throughout the interior, the extensive use of quality materials is evident and promotes the S70's distinctive feel of meaningful luxury.

Volvo engineers and designers have attended to the smallest details to ensure an interior design that rewards the senses and promotes exceptional driving pleasure.
Pleasing to the touch with broad concave surfaces and a firm positive detent, switches that offer individual control for the windows, side mirrors and door locks reside comfortably by the driver’s hand.

The S70’s Electronic Climate Control system offers individual temperature controls to allow both driver and front seat passenger to adjust the temperature for their seating position. Once set, ECC will maintain the desired individual temperature settings without further adjustment.

Volvo’s S70 adaptive 4-speed automatic transmission with intelligent technology actually refines its operation to suit your driving style. Whether your driving style is aggressive or leisurely, the S70 4-speed adjusts its operation to suit your preference. Thus, regardless of how you like to drive, the S70 transmission is engineered to maximize your driving pleasure.

For all-season traction, the adaptive 4-speed offers winter mode for superior traction on slippery surfaces. When engaged in winter mode, the car starts in third gear for maximum traction. This feature, together with the TRACS traction control, is designed to equip the S70 with extraordinary traction year round.
Volvo's 100 watt, eight speaker audio system* surrounds occupants with audio quality of extraordinary fidelity and range. The AM/FM stereo CD premium system employs the latest advances in audio technology to deliver superior performance for maximum listening pleasure. Acoustically balanced for optimum performance, audio quality benefits from precision speaker placement tailored to the specific cabin environment.

*Optional
Like people, automobiles possess character. And experience has shown that the true character of an automobile, like that of a person, comes to the fore when life is threatened. **At Volvo, safety is a fact of life.** For many people that is a fact for which they will be eternally grateful. In personal letters written to Volvo, hundreds of people have expressed their belief that Volvo safety design saved their lives. The concepts that merit such gratitude are born of Volvo’s safety design philosophy that makes occupant protection a fundamental tenet of quality design.
Safety cage. The S70, like all new Volvos, surrounds the driver and passengers with a special High Strength Steel safety cage that provides a rigid perimeter of occupant protection. This cage is designed to maintain its integrity under enormous stress.

Energy absorbing structures. The S70 is designed with energy absorbing structures positioned to the front and rear of the occupant safety cage. Their purpose is to progressively yield as the force of impact moves towards the safety cage.

Transverse engine position. Volvo's transverse engine positioning offers significant safety benefits. The significant mass presented by the transversely mounted engine adds to the S70's ability to distribute energy across a broad area for more effective energy management. The transverse positioning also allows for enhanced crushworthiness by employing the large area created by the transverse positioning between the engine and the safety cage as an energy absorbing "crush zone."

Side Impact Protection System. Every S70 benefits from the inclusion of the energy dissipating structures in the Side Impact Protection System (SIPS). Patented by Volvo, the SIPS design is intended to help protect occupants from side impact collisions with a sophisticated and comprehensive system of reinforced steel profiles for added strength and a unique and advanced energy management system that directs the energy of impact away from occupants.

Three-point seat belts with pretensioners. Volvo's seat belt design has been adopted by every major car manufacturer in the world. The Volvo three-point seat belt is intended to evenly distribute the force exerted during an impact across the body.

Pyrotechnic pretensioners afford all belted S70 occupants an additional margin of protection. Triggered by the same sensor that activates the air bag, the pretensioner removes all the slack from the seat belt in the split second between impact and when the occupant's body moves forward.

Anti-submarine seat design. Front and rear S70 seats incorporate a structural cross-member running across the front of the seat cushion. In the event that the momentum of a frontal collision forces a belted occupant forward, the rigid support at the front edge of the seat is designed to help prevent the occupant's body from depressing the seat cushion and sliding down and under the seat belt.
**Supplementary Restraint System.**
Driver and front passenger-side air bags (SRS) are designed to deploy in milliseconds to help dissipate the energy of an individual's forward motion in the event of a frontal or front-angular collision. Volvo seat belts are controlled by sophisticated dual-threshold technology. Volvo's Dual-Threshold Air Bags use special sensors that are integrated with the seat belt pretensioners. The point at which the air bag deploys is determined by whether or not the seat belt is being used. This feature allows the air bag to be deployed only when necessary.

**SIPS bags.** The S70 offers the additional side impact protection of the SIPS air bag. This revolutionary and patented safety feature deploys in the event of certain side impacts. In deploying, the SIPS Bag is designed to act as a barrier between the seat occupant and the door.

**Steering column.** Designed to collapse in stages, Volvo's 3-piece steering column employs an ingenious sequential energy absorbing design to help direct the steering column downward, away from the driver.

**Front supplemental members.**
A number of structural members have been incorporated in the front and front side of the S70 to offer additional protection from offset frontal collisions.
Side markers/daytime running lights
are standard on every S70. Volvo, as a
leader in automotive safety innovation,
strongly believes that side marker lights
and daytime running lights significantly
increase awareness in other drivers and
represent an opportunity to reduce the
number of accidents by making vehicles
more conspicuous.

High intensity rear fog light.
The S70’s supplemental lighting reflects
Volvo’s strong belief in the importance
of being seen as well as seeing clearly.
A high intensity rear fog light helps
make the S70 more visible to drivers
approaching from the rear in bad weather.

High-mounted rear brake light.
There is no better accident protection
than a design that prevents the accident
in the first place. The high-mounted rear
brake light is so effective in increasing
awareness in other drivers that it is
mandated by the government. Volvo’s,
however, works faster than others. Using
light-emitting diodes, the S70’s high-
mounted stop light reduces the activation
time between applying the brake and the
illumination of the brake light. Normal
brake lights come on in 250 milliseconds.
The Volvo brake light comes on in
1 millisecond, a nice advantage when
the difference between a crash and a
near miss can be a fraction of a second.

Headlight washers.
Seeing is as important as being seen.
Headlight wiper/washers, optional on
the S70, are a valuable safety feature.
They wash off road dirt and grime to
keep the headlights bright and operating
with greater efficiency.
Facing extreme conditions demands ultimate confidence. Volvo’s All-Wheel-Drive S70 delivers that surety in a world-class sports sedan.

Regardless of weather conditions, the S70 AWD is designed to intelligently allocate power to the gripping wheels for exceptional traction and balanced performance. Highly efficient and totally automatic, Volvo’s AWD system delivers increased control and exceptional predictability.

Overall performance is enhanced with the S70 AWD’s beautifully balanced and intelligently executed All-Wheel-Drive concept. Benefiting from its superb traction, the S70 AWD delivers inspired road holding for superior cornering and increased peace-of-mind.

Like all Volvos, the S70 AWD is designed to help protect you with a comprehensive occupant safety system. This features Volvo’s patented Side Impact Protection System and Supplementary Restraint System as part of an overall safety cocoon that has earned Volvo its reputation as a leader in automotive safety design.
WE CHOOSE TO MAKE A DIFFERENCE WITH VOLVO ENVIRONMENTAL CARE.

Volvo is one of the most environmentally responsible cars in the world. This has come about because more than 25 years ago, Volvo made the responsible choice – to adopt a holistic approach to the environment and find ways to reduce the environmental impact of the vehicles we make.

This outlook is exemplified in our commitment to automotive excellence, and is one of our core values – Safety, Quality and Environmental Care.

We are convinced that it is possible to be environmentally responsible and produce better cars at the same time.

Volvo drivers apparently think so, too. Their support of our efforts continues to be reflected in the steady increase in Volvo sales worldwide.

In the United States, environmental concerns affect many areas of daily life, and much legislation has been passed to help assure that environmentally harmful substances affecting air, water, soil and living things are reduced to low levels. Volvo not only supports these efforts, but has often shown others how a systematic, long-term effort can pay handsome environmental dividends.

Today, Volvo is seen as one of the industrial leaders in environmental care. Over the past two-and-a-half decades, we have continually examined every aspect of design, development, use and recycling of a car. In hundreds of practical applications, we have reduced or eliminated the use of harmful substances in every phase of the manufacturing process and have placed similar requirements on our suppliers.
Volvo’s holistic approach to Environmental Care affects every phase of our operations, from recovery of waste heat from a neighboring oil refinery, to encouraging driving styles that conserve fuel and reduce emissions. Here are just a few of our achievements.


1976  Introduction of Lambda Sond® and the 3-way catalytic converter, a unique sensor that eliminates approximately 95% of regulated emissions (hydrocarbons, oxides of nitrogen and carbon monoxide).

1989  Volvo introduced its first Environmental Policy. Reduced solvents in corrosion protection materials.

1990  All new Volvos are asbestos-free.

1991  Our Torslanda paint shop eliminates toxic solvents by implementing an effective water-borne paint system.

1992  Volvo introduces the ECC prototype (Environmental Concept Car).

1993  Volvo eliminates harmful CFCs from all cars.

1996  Volvo tests fleet of Bi-Fuel (methane and gasoline) cars in the U.S.


1998  Visit Volvo on the Internet for information about future environmental activities.  
http: www.volvocars.com
THE LIFE CYCLE OF A VOLVO.

At Volvo, **Environmental Care** starts before a car is born and continues until the last components are recycled.

The choices we make help us produce a better car.

- Developing with an awareness of environmental impact.
- Producing with respect for our communities.
- Driving with environmental responsibility.
- Recycling to protect our future.
Volvo is committed to rewarding your choice of vehicle with a superior ownership experience. To do so demands a comprehensive network of professional support services.

1999 Volvo New Car Warranty provides comprehensive coverage for 4 years/50,000 miles, 80,000 km. Additional warranties provide coverage for corrosion protection, seat belts, air bags, supplemental restraint system, emission systems, spare parts replacement and Genuine Volvo Accessories. A 12 month/12,000 mile, 20,000 km, adjustment period is included. Consult the 1999 Warranty Information booklet for details.

Volvo On Call provides roadside assistance 24 hours a day anywhere in North America. Should a question pertaining to your Volvo arise, and your Retailer is unable to provide an answer, Volvo Customer Support can be contacted at 1-800-458-1552 (U.S.), 1-800-663-8255 (Canada).

Professional Volvo service is assured through the Volvo Service Support Network of authorized Volvo Retailers. Here, factory trained technicians, skilled in the latest Volvo technology, using Genuine Volvo Parts, maintain your Volvo to the highest standards. Genuine Volvo Care provides you with the opportunity for a prepaid maintenance program that adds to your assurance of proper, scheduled vehicle care.

The Volvo Increased Protection Plan (VIP) offers the ultimate support program for total peace-of-mind. VIP provides extended service protection against unexpected mechanical difficulties well beyond the expiration of the vehicle’s standard warranty.

For those wishing to combine their vacation with the purchase of a new Volvo, the Volvo Overseas Delivery Program affords the opportunity to pick up your new Volvo in Europe.

Volvo Finance North America (VFNA) makes acquiring a new Volvo a simple and convenient process. We work exclusively with authorized Volvo Retailers nationwide to provide you with an unsurpassed level of service. Nobody knows more about leasing or financing Volvos than we do. VFNA is proud to have been recognized as an industry leader in consumer satisfaction for the past two years in a row. Our Volvo Value Leasing and Volvo Value Financing products offer a broad array of choices and the freedom to create the financial plan that best fits your lifestyle.

Please consult with your authorized Volvo Retailer for details on any of Volvo’s support programs.
**S70 FEATURES**

- Driver and front passenger supplemental restraint system (air bag and knee bolster)
- Seat belts: five, 3-point inertia-reel belts
- Front seat belts have automatic height adjustment and pretensioners
- Five padded head restraints (center-rear is adjustable)
- Anti-lock Brake System (ABS)
- Side Impact Protection System
- Side Impact Protection System Air Bags
- Daytime Running Lights
- Side mounted turn indicators
- Home Safe Lighting
- Immobilizer, encrypted ignition key
- Air conditioning/heating system with separate controls for driver and front passenger
- SC-613 AM/FM cassette stereo, Dolby, anti-theft circuitry, 100 watt amplifier, six speakers and power antenna
- Power windows with "auto down" for driver's window
- Dual power mirrors
- Cruise control
- Central power door locking system, includes trunk and fuel filler lid locks
- Adjustable driver's seat with lumbar support
- Split vinyl/fabric upholstery
- Tilt/telescopic steering wheel
- Remote keyless entry
- Illuminated, lockable glove box
- Illuminated vanity mirrors in driver's and front passenger's sun visors
- Tinted windows
- Center console with cupholders
- Long-load pass through to trunk
- Split 40/60 folding rear seat; front passenger seat backrest folds forward
- Rear-window defroster with automatic timer
- Two-speed windshield wipers with intermittent cycle
- Front and rear floor mats
- Four cargo tie-down rings
- Prewiring for security system and front fog lights
- Tool kit
- Rear fog light
- Four front and rear reading lamps
- Two entry lights (in front door foot wells)
- Interior cabin light delay
- "Open door" traffic warning lights on doors
- Luggage compartment light
- Outside ambient temperature gauge with freeze warning

**OPTION PACKAGES**

**S70 Sunroof Package includes:**
- Power glass sunroof with slide and tilt positions and sliding sun shade
- 8-way power adjustable driver's seat with 3-position memory
- Dual Zone Electronic Climate Control
- 15 inch, 6-spoke alloy wheels with 195/60/15 tires
- SC-816 Premium Sound System, in-dash CD, eight speakers, 100 watts
- Trip computer

**S70 GLT includes:**
- 190 hp GLT engine
- 4-speed adaptive automatic transmission
- 8-way power adjustable driver's seat with 3-position memory
- Dual Zone Electronic Climate Control
- Remote keyless 2-step entry with alarm
- 15 inch, 6-spoke alloy wheels with 195/60/15 tires

**S70 GLT Sunroof Package includes**
- Power glass sunroof with slide and tilt positions and sliding sun shade
- SC-816 Premium Sound System, in-dash CD, eight speakers, 100 watts
- Leather upholstery
- Leather rimmed steering wheel
- Burled walnut wood trim
- Wood shift knob
- Trip computer

**S70 T-5 includes:**
- 236 hp, turbocharged and intercooled engine
- 4-speed adaptive automatic transmission or 5-speed manual
- 16 inch, five-spoke alloy wheels with 205/55/16 tires
- Dual Zone Electronic Climate Control
- Leather rimmed steering wheel
- 8-way power adjustable driver's seat with 3-position memory
- 8-way power adjustable passenger seat
- SC-816 Premium Sound System, in-dash CD, eight speakers, 100 watts
- Remote keyless 2-step entry with alarm
- Trip computer

**S70 T-5 Sunroof Package includes:**
- Power glass sunroof with slide and tilt positions and sliding sun shade
- Leather shift knob
- Leather upholstery
- Dark alloy dash inlay
- Front fog lights
- Trunk lid spoiler
- 8-way power adjustable driver's seat with 3-position memory
- 8-way power adjustable passenger seat
SPECIFICATIONS

Engine
Transversely mounted, 2.4 liter, 5-cylinder double overhead cam
Horsepower (SAE net): 162 @ 6100 rpm
Torque (ft/lbs, SAE net): 162 @ 4700 rpm
Compression ratio: 10.3:1

AWD, GLT: 2.4 liter, 5-cylinder, exhaust-driven turbocharger with intercooler
Horsepower (SAE net): 190 @ 5100 rpm
Torque (ft/lbs, SAE net): 198 @ 1800 rpm
Compression ratio: 9.0:1

T-5: 2.3 liter, 5-cylinder, exhaust-driven turbocharger with intercooler
Horsepower (SAE net): 236 @ 5100 rpm
Torque (ft/lbs, SAE net): 243 @ 2700 rpm
Compression ratio: 8.5:1

Transmission
5-speed manual transmission with synchronesh on all speeds and reverse Final drive ratio: 4.0
4-speed microprocessor-controlled automatic with lock-up torque converter Final drive ratio: 2.74 (2.54 with turbo engine)

Suspension
Front: MacPherson strut with asymmetrically mounted coil springs, hydraulic shock absorbers, 20 mm stabilizer bar
Rear: Delta-Link semi-independent rear suspension with coil springs, gas-filled shock absorbers, 19.5 mm stabilizer bar
Rear AWD: Multi-link independent with viscous coupling, locking differential, self-leveling shock absorbers

Steering
Power-assisted rack and pinion 3.2 turns, lock to lock

Brakes
Four-wheel, power-assisted disc brakes
Three-channel anti-lock braking system (ABS)

Dimensions and Weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase</td>
<td>104.9 in.</td>
<td>266.5 cm.</td>
</tr>
<tr>
<td>Overall length</td>
<td>185.4 in.</td>
<td>470.0 cm.</td>
</tr>
<tr>
<td>Overall height</td>
<td>55.2 in.</td>
<td>140.0 cm.</td>
</tr>
<tr>
<td>Overall width</td>
<td>69.3 in.</td>
<td>176.0 cm.</td>
</tr>
<tr>
<td>Front track</td>
<td>59.8 in.</td>
<td>152.0 cm.</td>
</tr>
<tr>
<td>Rear track</td>
<td>57.9 in.</td>
<td>147.0 cm.</td>
</tr>
<tr>
<td>Interior: total volume</td>
<td>112.7 cu. ft.</td>
<td>3.1 m³</td>
</tr>
<tr>
<td>Trunk capacity</td>
<td>15.1 cu. ft.</td>
<td>0.42 m³</td>
</tr>
<tr>
<td>Curb weight</td>
<td>3148-3208 lbs.</td>
<td>1431-1458 kg.</td>
</tr>
</tbody>
</table>
S70 GLT shown with Sunroof Package and Cold Weather Package.
## S70 Upholstery Selections

<table>
<thead>
<tr>
<th>Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl/Fabric split</td>
<td>TAUPE</td>
</tr>
<tr>
<td></td>
<td>GRAPHITE</td>
</tr>
<tr>
<td>V-Tex Vinyl*</td>
<td>IVORY</td>
</tr>
<tr>
<td></td>
<td>GRAPHITE</td>
</tr>
<tr>
<td>Leather</td>
<td>IVORY</td>
</tr>
<tr>
<td></td>
<td>TAUPE/LIGHT TAUPE**</td>
</tr>
<tr>
<td></td>
<td>GRAPHITE</td>
</tr>
</tbody>
</table>

*Not available in Canada

**NOTE:** Dark taupe on instrument panel, door panels and trim; light taupe on seats and door panels.

Please check with your Volvo Retailer regarding the availability of color and upholstery combinations.