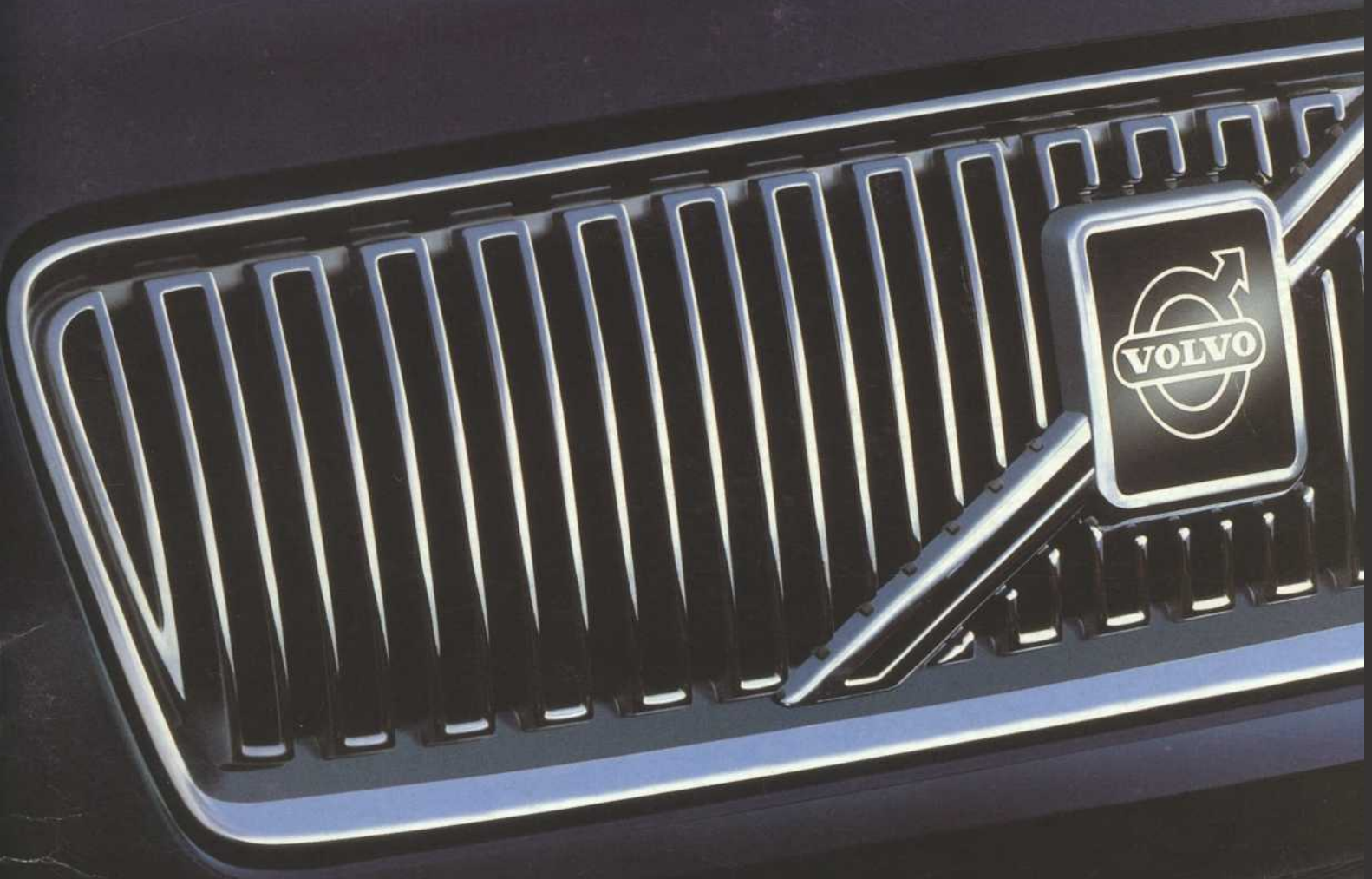


VOLVO RANGE



VOLVO

A CHOICE

It's not every day you buy a new car.
So when you do, it's important you're free
to express yourself.

The Volvo range offers three distinctive body
types: saloon, estate and coupe. Each represents a
carefully developed, flexible motoring solution
designed for today's varied lifestyles. With no less
than six different model lines, choosing a Volvo
means you'll never need to compromise either
your needs or your preferences.

In addition to the comprehensive standard
equipment on every model, you'll find additional
flexibility through variants, packs and options.
On almost every car there's a choice of engine
and transmission. Naturally, there's a full range of
body colours, co-ordinated upholsteries and
accessories, too.

Every car is built to order by us, for you.
This is *your* choice.

This brochure gives you an introduction to the
Volvo range. For further information and detailed
model literature, simply contact your local
Volvo dealer.

Contents

Volvo S40	2
Volvo S70	4
Volvo S80	6
Volvo V40	8
Volvo V70	10
Volvo C70	12
Safety	14
Discover Volvo Life	16
The environment	18





Volvo S40 standard equipment includes:

<p>Safety</p> <p>ABS (Anti-lock brakes) with EBD[†]</p> <p>SIPS (Side Impact Protection System)</p> <p>SIPS Airbags</p> <p>Passenger Cage and Crumple Zones</p> <p>Driver's Airbag</p> <p>Front Seat Belt Pre-tensioners</p> <p>5 Three-point Seat Belts</p> <p>Automatic Front Seat Belt Height Adjustment</p> <p>Head Restraints for all five seats</p> <p>Side Marker Bumper Illumination</p> <p>Manual Rear Child Safety Locks</p> <p>Headlamp Levelling System</p> <p>High Level LED Brake Light</p> <p>Lockable Fuel Cap</p> <p>Day Running Lights</p>	<p>Security</p> <p>Central Locking</p> <p>Immobilises with LED (Key Transponder)</p> <p>Visible VIN Plate</p> <p>Courtesy Light Delay</p> <p>Locking Wheel Nuts (with Alloy Wheels)</p> <p>Exterior</p> <p>Colour Coordinated Bumpers and Door Mirrors</p> <p>Elegance Wheelcover on 15" Steel Wheels - 195/55HR Tyres[‡]</p> <p>Protective Side Mouldings</p> <p>Electric Aerial</p> <p>Engine Badge</p> <p>Chrome Grille</p>	<p>Interior</p> <p>Air Conditioning</p> <p>Electric Front Windows</p> <p>Electrically Adjustable and Heated Door Mirrors</p> <p>Power Steering</p> <p>CR902 RDS* Radio Cassette + 6 Speakers</p> <p>Scandic Cloth Upholstery</p> <p>Ergonomically-designed Front Seats with Adjustable Lumbar Support</p> <p>Height Adjustable Driver's Seat and Steering Column</p> <p>Asymmetric Split-folding Rear Seat (30%/70%)</p> <p>Forward Folding Front Passenger Seat</p> <p>Airmix Ventilation System (with recirculation function)</p> <p>Front and Rear Reading Lamps</p> <p>Twin Storage Pockets on Front Seat Backs</p> <p>Luggage Restraint System</p> <p>Two Storage Bins in Boot</p> <p>Passenger Vanity Mirror</p>	<p>Environmental</p> <p>95% Recyclable</p> <p>Component Recycling Coding</p> <p>Water-borne Metallic Paint Processes</p> <p>Self-diagnostic Engine Management System</p> <p>Three-way Catalytic Converter</p>
--	---	---	--

* Turbo Diesel has a CR906 stereo as standard.

† 15" Steel Temporary Spare Wheel - 175/70R15 Tyre.

‡ EBD - Electronic Brake Distribution.

VOLVO S40

Sports performance. Exceptional safety.

The Volvo S40 driving experience captures both head and heart.

The Volvo S40 blends business comfort and refinement with sporting excitement and spirit.

The chassis and engine are engineered for pace, capability and confidence. Considered design ensures space, practicality and safety. Sweeping lines describe a car inspired by driving passion.

With three different specification levels, six packs plus individual equipment options, the Volvo S40 offers exceptional choice.

The Volvo S40 SE includes Electronic Climate Control, cruise control, leather-faced upholstery and alloy wheels.

Six 4 cylinder petrol engines and a four cylinder turbo diesel create a wealth of options for smooth, refined power. Outputs range from a capable 90 bhp for the versatile Turbo Diesel to an exhilarating 200 bhp for the 1.9 litre T4. A rigid chassis and sophisticated suspension deliver outstanding sports roadholding.

Sporting exhilaration, enjoyment and refinement. That's the attraction of the Volvo S40.



Volvo S40 variants:

Volvo S40 SE
Executive refinement

Volvo S40 T4
Breathtaking power

Volvo S401.8i (125 bhp) SE
Increased economy and torque with lower emissions

Choice of packs:

Winter Pack
Beat the winter chill

Comfort Pack
Extra comfort and convenience

Premium Pack
Power at your fingertips

Prestige Design Pack
For individual style

Luxury Design Pack
Ultimate refinement

Sports Design Pack
Sporting flair

For full details of each pack specification, please contact your Volvo dealer.



Volvo S70 standard equipment includes:

Safety

- SIPS (Side Impact Protection System)
- SIPS Airbags
- Driver's Airbag
- Front Seat Belt Pre-tensioners
- Automatic Front Seat Belt Height Adjustment
- 5 Three-point Seat Belts
- Head Restraints for all five seats
- ABS (Anti-lock Brakes)
- Tinted Windows
- High Level LED Brake Light
- Headlamp Levelling System
- Day Running Lights

Security

- Deadlocking System
- Remote Control Central Locking including Fuel Flap
- Anti-theft Alarm
- Immobilises
- Locking Wheel Nuts (with Alloy Wheels)
- Home Safe Lighting

Exterior

- Colour Coordinated Bumpers and Door Mirrors
- Vented Wheelcovers
- 16" Perfo Alloy Wheels
- 205/50W Tyres
- Standard on T5 only

Interior

- Air Conditioning
- Driver and Passenger Temperature Controls
- Pollen Filter
- Power Steering
- Delta-link Independent Rear Suspension
- Madison Upholstery
- Asymmetric Split-folding Rear Seat
- Forward Folding Front Passenger Seat
- Exterior Temperature Gauge
- Electric Front and Rear Windows
- High Front Armrest

- SC802 RDS Radio Cassette with 8 Speakers and Auto Sound Control
- Internal Boot and Fuel Flap Release
- Electrically Adjustable and Heated Door Mirrors
- Illuminated Passenger Vanity Mirror
- Height and Reach Adjustable Steering Column
- Height Adjustable Driver and Passenger Seats
- Front and Rear Reading Lamps



VOLVO S70

Distinctive style. Sports handling and performance.

Executive motoring with the accent firmly on driving enjoyment.

The Volvo S70 brings together pure driving excitement with business comfort and prestige.

Sleek, flowing lines conceal space, power and control. An award-winning pedigree reflects innovative design.

Two different specification levels plus equipment packs and options create a car tailored for you.

The Volvo S70 SE includes Electronic Climate Control, sporty front fog lights, cruise control, luxurious Leather/Alcantara™ upholstery and 15" alloy wheels.

The revolutionary Volvo S70 Bi-fuel converts to CNG gas at the press of a button.

Seven 5 cylinder engines, including petrol, diesel and Bi-fuel, offer a choice of power outputs ranging from 126 to 250 bhp.

The Volvo S70. Equipped to deliver, engineered to perform and styled to inspire.



Volvo S70 variant:

Volvo S70 SE
Travelling refinement

Choice of packs:

Winter Pack
Beat the winter chill

Comfort Pack
Extra comfort and convenience

Premium Pack
Power at your fingertips

Prestige Design Pack
For individual style

Luxury Design Pack
Ultimate refinement

Sports Design Pack
Sporting flair

For full details of each pack specification, please contact your Volvo dealer.



Volvo S80 standard equipment includes:

Safety

- Driver's Airbag
- Three-point Inertia-reel Seat Belts on all 5 seats
- Seat Belt Pre-tensioners (front and rear)
- SIPS (Side Impact Protection System)
- SIPS Airbags
- IC – Inflatable Curtain
- Side Marker Bumper Illumination
- High Level LED Brake Light
- Head Restraints on all five seats
- WHIPS – Whiplash Protection System
- ABS (Anti-lock Brakes) with EBD (Electronic Brake Distribution)
- STC (Stability and Traction Control – on 2.9 and T6 SE)
- Headlamp Levelling System
- Exterior Temperature Gauge
- Day Running Lights
- Tinted Windows

Interior

- Birka Upholstery
- Fantasy Metallic Interior Trim
- Air Conditioning
- Pollen Filter
- Height and Reach Adjustable Steering Column
- Power Steering (Speed Sensitive Steering on T6 SE)
- Illuminated Ignition Lock
- Height Adjustable Driver and Passenger Seats
- Electrically Adjustable and Heated Door Mirrors
- Electric Front and Rear Windows
- Ashtray/Lighter (Front and Rear)
- Coin Holder
- Asymmetric Split Folding Rear Seat (60%/40%)
- Illuminated Passenger Vanity Mirror
- Front and Rear Reading Lamps

- HU-401 RDS Radio Cassette with 8 Speakers (and Auto Sound Control) – Radio Antenna/ Amplifier in rear bumper
- Luggage Restraint System

Security

- Remote Control Central Locking – Including Fuel Flap
- Deadlocking System
- Immobilises
- Mass Movement Sensor
- Anti-theft Alarm
- Home Safe and Approach Lighting
- Locking Wheelnuts (with Alloy Wheels)

Exterior

- Colour Coordinated Bumpers and Door Mirrors
- Grey/Chrome Side Moulding
- Grey Sill Covers with Stainless Steel Step Covers
- Dynamic Chassis
- 15" Steel Wheels
- 205/65R15V Tyres (2.4/TDI)
- 16" Steel Wheels
- 215/55R16W Tyres (2.9)
- 17" Arrakis Alloy Wheels
- 225/50R17W Tyres (T6 SE)
- Temp Spare Wheel (T6 SE only)
- Mudflaps (Front)
- Steel Spare Wheel

VOLVO S80

Superior driving performance. World-leading levels of safety. Undeniably, the most exciting safe choice from Volvo.

The Volvo S80 saloon redefines the experience of executive motoring.

Advanced new technologies, an Inflatable Curtain, protecting the heads of all passengers in side collisions, and WHIPS, a whiplash protection system, make the Volvo S80 one of the safest cars in the world. The driving experience is exhilarating, yet reassuringly controlled. Two different levels of model specification with a choice of packs and options let you dictate the finest detail.

The Volvo S80 SE, including the Comfort and Audio Upgrade Option packs and a Luxury Design pack. Features include Electronic Climate Control (ECC), Information Centre, leather steering wheel, leather-faced seats and 16" alloy wheels. The T6 SE variant includes a Design Pack with distinctive sports design features such as 17" alloy wheels, Leather/Alcantara sports seats and aluminium interior trimline.

The Volvo S80 offers a wide choice of advanced, highly refined, five and six cylinder petrol and diesel engines. For example, the 2.5 litre uses direct-injection technology to deliver good acceleration with excellent economy. The 2.8 litre T6 takes the Volvo S80 from 0 to 62 mph in a mere 7.2 seconds.

The Volvo S80. Undeniably, the most exciting safe choice.



Volvo S80 variants:

Volvo S80 SE
Executive Luxury

Volvo S80 T6 SE
Ultimate performance

Choice of packs:

Winter Pack
Beat the winter chill

Comfort Pack (std on 16 SE)
Extra comfort and convenience

Premium Pack
Power at your fingertips

Prestige Design Pack
(2.4 and TDI only)
For individual style

Luxury Design Pack
(std on T6 SE)
Ultimate refinement

Audio Upgrade (std on T6 SE)
Connoisseur class audio

For full details of each pack specification, please contact your Volvo dealer.

VOLVO V40

Interior flexibility and space. Sporting performance and flair. The Volvo V40 offers absolute motoring versatility.



The Volvo V40 is a car refined for weekday business, yet versatile and functional for weekend leisure.

With up to 50 cubic feet of storage capacity, even bulky items are stowed with ease. The front passenger seat folds forwards, whilst the rear seat folds flat.

Combine any one of three different levels of specification with packs and equipment options to build your ideal car. The Volvo V40 SE, featuring Electronic Climate Control, cruise control, front fog lights, leather steering wheel and 15" alloy wheels.

Six 4 cylinder petrol engines and a 4 cylinder Turbo Diesel offer the freedom to balance refined power with economy. The turbocharged T4 will take a manual Volvo V40 to 62 mph in just over 7 seconds. Choose the 90 bhp Turbo Diesel, and expect up to 54 mpg* on a typical motorway journey.

Volvo V40 versatility opens up a world of driving adventure.

Volvo V40 variants:	Choice of packs:
Volvo V40 SE Explore in comfort	Winter Pack Beat the winter chill
Volvo V40 T4 Breathtaking power	Comfort Pack Extra comfort and convenience
Volvo V40 1.8i (125 bhp) SE Increased economy and torque with lower emissions	Premium Pack Power at your fingertips
	Prestige Design Pack For individual style
	Luxury Design Pack Ultimate refinement
	Sports Design Pack Sporting flair
	Estate Pack Extra versatility

For full details of each pack specification, please contact your Volvo dealer.

* Extra Urban 54 mpg (5.21/100 km) Government Approved.



Volvo V40 standard equipment includes:

Safety

ABS (Anti-lock brakes) with EBD[†]
 SIPS (Side Impact Protection System)
 SIPS Airbags
 Passenger Cage and Crumple Zones
 Driver's Airbag
 Front Seat Belt Pre-tensioners
 5 Three-point Seat Belts
 Automatic Front Seat Belt Height Adjustment
 Head Restraints for all five seats
 Side Marker Bumper Illumination
 Manual Rear Child Safety Locks
 Headlamp Levelling System
 High Level LED Brake Light
 Lockable Fuel Cap
 Day Running Lights

Security

Central Locking
 Immobilises with LED (Key Transponder)
 Visible VIN Plate
 Courtesy Light Delay
 Locking Wheel Nuts (Alloy Wheels)
 Load Cover
 Exterior
 Colour Coordinated Bumpers and Door Mirrors
 Elegance Wheelcover on 15" Steel Wheels - 195/55HR Tyres[†]
 Protective Side Mouldings
 Roof-mounted Aerial
 Intermittent Rear Wash/Wipe
 Chrome Grille
 Engine Badge

Interior

Air Conditioning
 Electric Front Windows
 Electrically Adjustable and Heated Door Mirrors
 Power Steering
 CR902 RDS* Radio Cassette + 6 Speakers
 Scandic Cloth Upholstery
 Ergonomically-designed Front Seats with Adjustable Lumbar Support
 Height Adjustable Driver's Seat and Steering Column
 Asymmetric Split-folding Rear Seat (30%/70x/0)
 Forward Folding Front Passenger Seat
 Airmix Ventilation System (with recirculation function)
 Front and Rear Reading Lamp;
 Twin Storage Pockets on Front Seat Backs
 Luggage Restraint System
 Storage Net in Boot
 Passenger Vanity Mirror

Environmental

95% Recyclable
 Component Recycling Coding
 Water-borne Metallic Paint Processes
 Self-diagnostic Engine Management System
 Three-way Catalytic Converter

* Turbo Diesel has a CR906 stereo as standard.
 † 15" Steel Temporary Spare Wheel - 175/70R15 Tyre.
 †† EBD - Electronic Brake Distribution.

VOLVO V70

Flowing curves and poise. Dynamic handling and performance. A car designed to combine prestige, flexibility and space.



In a Volvo V70 estate you'll find spirit for the individual, space for the family and refinement for both. Six models, equipment packs and options offer unprecedented choice.

The Volvo V70 SE is designed for executive refinement including Electronic Climate Control, front fog lights, cruise control, Leather/Alcantara upholstery and alloy wheels.

The 193 bhp Volvo V70 All Wheel Drive delivers outstanding grip and control. The Volvo V70 XC adds Cross Country capability with style.

The revolutionary Volvo V70 Bi-fuel converts to CNG gas at the press of a button.

Accelerating from 0-62 mph in just 7.3 seconds, the 250 bhp Volvo V70 R AWD provides the ultimate driving experience.

Nine 5 cylinder engines, including petrol, diesel and Bi-fuel, offer a choice of power outputs ranging from 126 to 250 bhp

For flexible living, explore the Volvo V70.

Volvo V70 variants:

Volvo V70 Torslanda
Family value

Volvo V70 SE
Where business
meets pleasure

Volvo V70 AWD & R AWD
Gripping performance

Volvo V70 XC
Outdoor spirit

Choice of packs:

Winter Pack
Beat the winter chill

Comfort Pack
Extra comfort and convenience

Premium Pack
Power at your fingertips

Prestige Design Pack
For individual style

Luxury Design Pack
Ultimate refinement

Sports Design Pack
Sporting flair

Estate Pack
Extra versatility

For full details of each pack specification, please contact your Volvo dealer.



Volvo V70 standard equipment includes:

Safety

- SIPS (Side Impact Protection System)
- SIPS Airbags
- Driver's Airbag
- Front Seat Belt Pre-tensioners
- Automatic Front Seat Belt Height Adjustment
- 5 Three-point Seat Belts
- Head Restraints for all five seats
- ABS (Anti-lock Brakes)
- Tinted Windows
- High Level LED Brake Light
- Headlamp Levelling System
- Day Running Lights

Security

- Deadlocking System
- Remote Control Central Locking including Fuel Flap
- Anti-theft Alarm
- Immobilises
- Locking Wheel Nuts (Alloy Wheels)
- Home Safe Lighting

Exterior

- Colour Coordinated Bumpers and Door Mirrors
- Vented Wheelcovers
- 16" Perfo Alloy Wheels
- 205/50R 16W Tyres
- Standard on T5 only

Interior

- Air Conditioning*
- Driver and Passenger Temperature Controls
- Pollen Filter
- Power Steering
- Delta-link Independent Rear Suspension
- Madison Plush Upholstery
- Asymmetric Split-folding Rear Seat (30%/170%)
- Forward Folding Front Passenger Seat
- Exterior Temperature Gauge
- Electric Front and Rear Windows
- High Front Armrest

- SC802 RDS Radio Cassette with 8 Speakers and Auto Sound Control

- Internal Boot and Fuel Flap Release

- Electrically Adjustable and Heated Door Mirrors

- Illuminated Passenger Vanity Mirror

- Height and Reach Adjustable Steering Column

- Height Adjustable Driver and Passenger Seats

- Front and Rear Reading Lamps

* Not Volvo V70 Torslanda.

The Volvo V70 Torslanda has a similar specification to the Volvo V70 standard equipment with the following changes:

Andorra Upholstery

- SC802 RDS Radio Cassette with 6 Speakers and Auto Sound Control

- Electrically Adjustable Door Mirrors

- Temps Spare Wheel Spacesaver

- Air Conditioning is not standard, but is available as an option.

Engine Choices:

- 2.0 litre 10 valve (126 bhp)
- 2.5 litre 10 valve (144 bhp)

Body Colour Choices*:

- Silver Metallic
- Dark Olive Pearl Metallic
- Garnet Red Metallic
- Midnight Blue
- Classic Red
- Polar White

* Metallic paint is an additional cost.

The Winter and Estate packs are the only packs which can be added to the Volvo V70 Torslanda.



Volvo C70 standard equipment includes:

Safety

SIPS (Side Impact Protection System)

SIPS Airbags

Driver's Airbag

Front Seat Belt Pre-tensioners

ABS (Anti-lock Brakes) with EBD*

Tinted Windows

4 Three-point Seat Belts

Head Restraints for all 4 Seats

High Level LED Brake Light

Security

Dead Locking System

Immobiliser

Anti-theft Alarm

Remote Control Central Locking including Fuel Flap

Locking Wheel Nuts

Exterior

Headlamp Wash/Wipe

Front Fog Lights

Headlamp Level Adjustment

16" Centaurus Alloy Wheels (four) (2.5T)

17" Canisto Alloy Wheels (Silver) on T5 (four)

Temp's Spare Wheel

Colour Co-ordinated Bumpers and Door Mirrors

Comfort

Driver and Passenger Temperature Controls

Pollen Filter

Electrically Adjustable and Heated Door Mirrors

Electric Front Windows

Illuminated Passenger and Driver Vanity Mirror

Exterior Temperature Gauge

San Remo Upholstery



Leather Steering Wheel

Luxury Floor Mats

SC805 RDS Single Slot CD Stereo Radio Cassette and Auto Sound Control

4 x 60w Amplifier

10 Speakers

Pre-wiring for Rear CD Autochanger

Dynamic Chassis (2.5T)

Sports Chassis (T5)

Aluminium Sill Covers

Air Conditioning

Manual Front Seats with Height Adjustment

Internal Boot and Fuel Flap Release

Power Steering

Manual Driver and Passenger Seat Mechanism for Access to Rear

* Electronic Brake Distribution.

VOLVO C70

Breathtaking acceleration. Sports handling.

Luxury equipment. Coupe performance and style for sensual driving pleasure.

The Volvo C70. A full four-seater car with the lines of a sports coupe, yet the refinement of a prestige saloon. A car engineered for pure pleasure and enjoyment.

The Volvo C70 specification borders on indulgence. Co-ordinated colourways blend wood and aluminium trims with exclusive leather and fabric upholsteries. A multi-speaker CD audio system envelops the senses with an aural banquet of sound. Glance at any instrument, reach for any control - you can feel the passionate attention to quality and detail.

Either of the 193 or 240 bhp five cylinder turbocharged petrol engines delivers unbridled exhilaration and refinement. The 240 bhp T5 takes a manual Volvo C70 to 62 mph in just 6.9 seconds. Handling is spectacular, with safety always paramount. A choice of three chassis types, including a lowered sports setting, rewards the most demanding driving styles.

With a GT pack and a host of optional equipment, there's ample opportunity to select specialist sport and luxury enhancements.

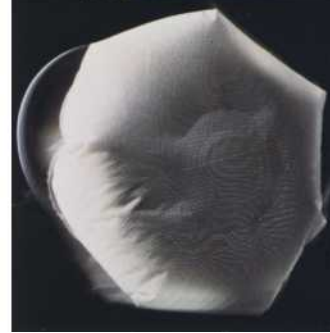
The Volvo C70. Undeniably, a car for the senses.



Pack available:

GT pack
Grand Touring

For full details of GT pack specification, please contact your Volvo dealer.



PASSENGERS

For over 50 years, our first concern.

Constant research is the backbone of Volvo technology. It has made the company one of the world's most respected pioneers of automotive safety.

The Volvo S80 demonstrates the latest safety enhancements. An Inflatable Curtain, protecting the head in side collisions, and WHIPS, a whiplash protection system built into the front seats. As with Volvo safety developments, these new technologies will be progressively introduced throughout the Volvo range

Volvo bodyshells are designed to crumple progressively on impact, absorbing energy whilst protecting passengers within a robust safety cage. In an offset collision, special reinforcements prevent the front wheels penetrating the passenger compartment.

The Volvo Side Impact Protection System (SIPS) dissipates the force of any side impact around the passenger cell. Side impact airbags are built into the outer side of each front seat. In a side impact, the airbag inflates instantaneously to help protect the chest, hips and head. Together, the systems reduce the risk of severe injury in a side impact by 35%.

Volvo has been leading the development of safer cars for more than fifty years.

- 1944 Safety cage
- 1944 Laminated windscreen
- 1956 Padded dashboard
- 1959 Three-point safety belts
- 1966 Disc brakes all round
- 1966 Crumple zones front and rear
- 1967 Rear safety belts
- 1968 Head restraints
- 1969 Three-point inertia reel safety belts
- 1972 Child safety seat and childproof locks
- 1973 Side collision protection
- 1974 Multi-stage impact absorbing steering column
- 1979 Wide angle rearview mirror
- 1982 Anti-submarining protection
- 1984 ABS anti-locking brakes
- 1986 Rear eye-level brake lamp
- 1987 Airbag



- 1989 Mechanical seat belt pretensioner
- 1990 Integrated child safety seat in the rear seat
- 1991 Automatic height adjustment for front safety belt
- 1991 SIPS - Side Impact Protection System
- 1994 SIPS side-impact airbag
- 1995 DSA - Dynamic Stability Assistance
- 1997 ROPS - Roll Over Protection System
- 1998 WHIPS - Whiplash Protection System
- 1998 IC - Inflatable Curtain

Passengers travelling in Volvo cars have been wearing seat belts since 1959. Today, all Volvo front seat belts feature three-point attachment, automatic height adjustment and automatic pre-tensioners. The correct height adjustment is automatically set for each passenger whenever the belt is pulled out.

In an accident, the pre-tensioner mechanism pulls front seat passengers back into their seats, away from the dashboard, windscreen and steering wheel.

We believe children in cars deserve the very best attention. Volvo is one of the few manufacturers to design, develop and test its own child seats. Our integrated and removable child seats place your children in the optimum seating position.

Volvo is always introducing innovative safety technology. The raised brake light in the rear window uses new LED illumination technology. By warning in just 1 millisecond instead of the conventional 250 milliseconds, any drivers braking behind gain an extra 8 metres stopping distance at 70mph.



THE ENVIRONMENT

Responsibility and care for the environment.

Car use, and development, carries with it responsibilities. Volvo and its dealers have always recognised the role they must play in helping to protect and safeguard the environment.



Cleaner manufacture

We are continually refining our own manufacturing techniques. We quantify the environmental effect of every system, procedure and design. Together with environmental experts, we have developed a unique and comprehensive methodology for product development. It helps our engineers identify and choose design and manufacturing routes which will impart the lowest environmental load.

We have banned the use of many environmentally damaging materials and chemicals from the production of the Volvo range. This includes CFCs, cadmium, mercury and asbestos. Currently, the Volvo paint shop in Gothenburg is the cleanest in the world. Its level of solvent emissions is 80% lower than conventional plants. Even the water and air used in production is cleaned. In some plants, the water we re-introduce is cleaner than the water we take in.



Lower emissions

80% of a car's environmental impact is generated when it is driven. Volvo has long been in the forefront of emission control technology, the most important environmental aspect of car use.

95% of the carbon monoxide, hydrocarbons and nitrogen oxides are eliminated from the exhaust fumes of the petrol engine. Thanks to an innovative design the catalytic converter reaches operating temperatures in half the time of many other comparable systems.

Volvo emission control technology also remains effective after years of operation. Official tests have shown that emissions are practically as clean after 50,000 miles as they are when the car is new.

Efficient recycling

Recycling is an important way of saving energy, eliminating waste and recovering raw materials.

Volvo has been instrumental in developing new component and recovery programmes with partners in Sweden.

Wherever possible, recycled plastics, textiles and wood fibres are used selectively in manufacture. All plastic parts weighing more than 50g are marked to aid future reprocessing. The engine block includes recycled aluminium.

Environment Specification

Environmental awareness is an important part of life in the 1990s. At Volvo we recognise that environmental issues are fundamental to the future of our business. Many customers throughout the world expect the cars they buy to be produced to the highest possible environmental standards. Volvo has played a leading role in developing high environmental specification standards for all its products.

We believe that by providing full environmental information to our customers, we enable them to make informed choices. Today, we publish full environmental specifications for all current models. This ongoing open, honest and accessible approach is a fundamental part of Volvo policy on the environment.

Production Impacts:	Volvo S40/V40 1.8	Volvo S40/V40 2.0	Volvo S40/V40 TD	Volvo S70/V70 2.0 10v	Volvo S70/V70 2.5 20v	Volvo S70/V70 T5	Volvo S70/V70 TDI	Volvo V70 AWD	Volvo S70/V70 Bi-fuel
Solvent Emissions (kg/car)	7.7	7.7	7.7	7.5	7.5	7.5	7.5	7.5	7.5
Water Consumption (m3/car)	3.2	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6
Energy Consumption (GJ/car)	6.3	6.3	6.3	3.1	3.1	3.1	3.1	3.1	3.1
Recovered Energy	5%	5%	5%	–	–	–	–	–	–
Natural Gas	95%	95%	95%	91%	91%	91%	91%	91%	91%
Oil	–	–	–	9%	9%	9%	9%	9%	9%
Total Waste – excl. metals (kg/car)	35	35	35	38	38	38	38	38	38
Metal Waste Recycling	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total Recycling (excl. metals)	58%	58%	58%	34%	34%	34%	34%	34%	34%
Nickel to water (g/car)	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3
Iron to water (g/car)	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
Chromium to water (g/car)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Zinc to water (g/car)	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Phosphate to water (g/car)	–	–	–	1.2	1.2	1.2	1.2	1.2	1.2
Controlled Use of Chemicals	100%	100%	100%	100%	100%	100%	100%	100%	100%
Asbestos phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cadmium phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
CFC/HCFC phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chlorinated solvents phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Halon phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mercury phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nonfenoletoxylates phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCB phased out?	X	X	X	✓	✓	✓	✓	✓	✓
Tricolorethylene phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓

Impacts During Use:	Volvo S40/V40 1.8	Volvo S40/V40 2.0	Volvo S40/V40 TD	Volvo S70/V70 2.0 10v	Volvo S70/V70 2.5 20v	Volvo S70/V70 T5	Volvo S70/V70 TDI	Volvo V70 AWD	Volvo S70/V70 Bi-fuel
Fuel System									
Make	Siemens	Siemens	Lucas	Siemens	Bosch	Bosch	Bosch	Bosch	Siemens
Type	Fenix	Fenix	–	Fenix	Motronic	Motronic	MSA	Motronic	Necam
	5.1	5.1	–	5.2	4.4	4.4	15.7	4.4	Multipoint
Emission Control									
Catalyst	3-way	3-way	2-way	3-way	3-way	3-way	2-way	3-way	3-way
Oxygen sensor	One	One	–	One	Two	Two	–	Two	One
Exhaust recirculation	No	No	Yes	No	No	No	Yes	No	No
Emission Warning Light?	✓	✓	✓	✓	✓	✓	✓	✓	✓
At least 80% efficient after 80K km	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Consumption (litres/100km)	8.6	9.0	6.3	10.0	10.5	11.5	7.9	11.2	10.0
CO ₂ emissions (g/km)	206	214	1.70	237	249	270	173	270	237/207
EXHAUST EMISSIONS (g/km)									
Carbon Monoxide	0.86	1.31	0.32	0.78	0.79	0.64	0.14	1.39	0.14
EU regulation figure	2.20	2.20	1.00	2.20	2.20	2.20	1.00	2.20	2.20
Hydrocarbons & Nitrogen Oxides	0.18	0.27	0.43	0.22	0.13	0.21	0.78	0.31	0.10
EU regulation figure	0.50	0.50	0.90	0.50	0.50	0.50	0.90	0.50	0.50
Particulates	–	–	0.04	–	–	–	0.09	–	–
EU regulation figure	–	–	0.10	–	–	–	0.10	–	–
Petrol Evaporation Fumes (g/test)	0.32	0.32	–	0.38	0.32	0.30	–	0.45	0.38
Swedish regulation figure (g/test)	2.00	2.00	–	2.00	2.00	2.00	–	2.00	2.00

With the exception of Volvo S70/V70 Bi-fuel all fuel efficiency and emission figures are for MANUAL variants.

