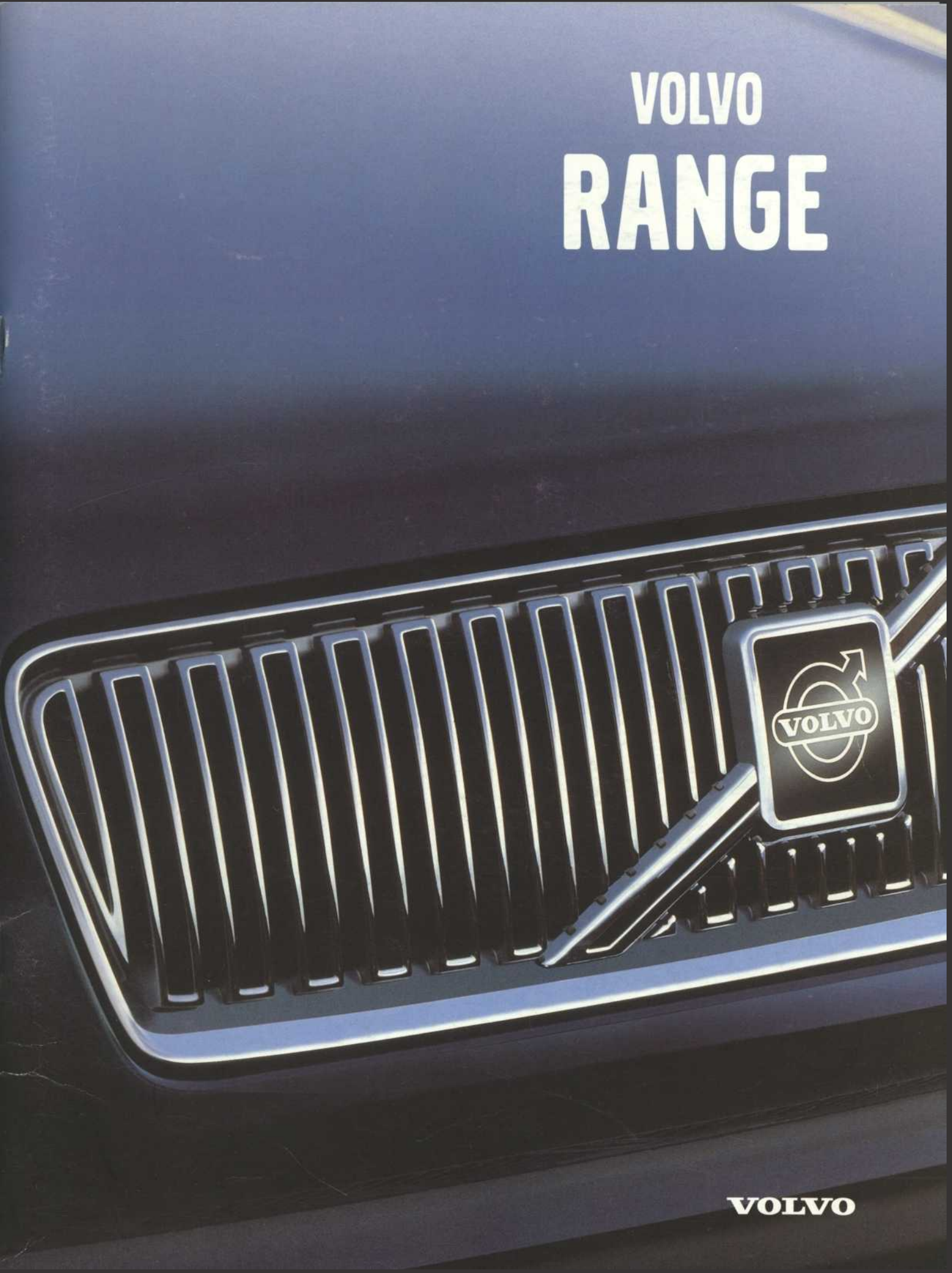
VOLVO
RANGE



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.

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Volvo S40 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 (with Alloy Wheels)

Exterior

Colour Coordinated Bumpers and Door Mirrors

Elegance Wheelcover on 15" Steel Wheels - 195/55HR Tyres'

Protective Side Mouldings

Electric Aerial

Engine Badge

Chrome Grille

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%/70%)

Forward Folding Front Passenger Seat

Airmix Ventilation System (with recirculation function)

Front and Rear Reading Lamps

Twin Storage Pockets on Front Seat Backs

Luggage Restraint System

Two Storage Bins 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.

t 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`M 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)

Temps 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:

Volvo V40 SE
Explore in comfort

Volvo V40 T4
Breathtaking power

Volvo V40 1.8i (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

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)

Temps 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.

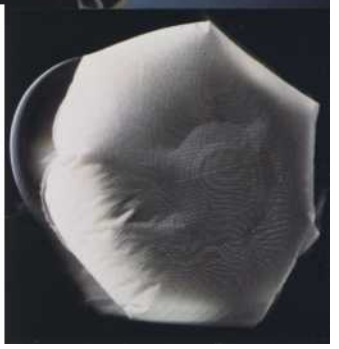
With a GT pack and a host of optional equipment, there's ample opportunity to select specialist sport and luxury enhancements.

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?	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nonlfenoletoxylates phased out?	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCB phased out?	✗	✗	✗	✓	✓	✓	✓	✓	✓
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	Lucus	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.