# **VOLVO 580**

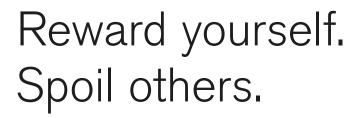
THERE'S MORE TO LIFE THAN A VOLVO. THERE'S THE DEDICATION TO ACHIEVEMENT AND THE LUXURY OF FULFILMENT. THERE'S THE INVESTMENT OF TRUST AND THE RETURN OF RESPECT. THERE'S THE CELEBRATION OF FREEDOM AND THE COMFORT OF SECURITY. THERE'S THE LOVE OF BEAUTY AND THE BEAUTY OF LOVE. THERE'S THE PURSUIT OF DISTINCTION AND THERE'S THE CONFIDENCE OF DRIVING SOMETHING OTHER THAN ANOTHER CLICHÉ. THAT'S WHY THE VOLVO S80 IS MORE THAN A LUXURY CAR.

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www.volvocars.com





Everybody wins here. Drive the Volvo S80 and reward yourself with the perfect balance of luxury and intelligence. Enjoy indulgence without extravagance, performance without pretence and safety without peer. This well-crafted expression of automotive excellence reflects the quiet confidence of those who can share their achievements without reservation.

Volvo. for life





Imagine, just for a moment, a car as beautiful as it is gifted;
A car endowed with power, control and an understanding of what
goes on around it. Assume that it shares these gifts with its
driver. The tensions of a dangerous route become fewer. The joy
of an unwritten road becomes greater. And the prospect of
a perfect drive becomes a real probability.





# The meticulous attention to detail includes the road ahead.

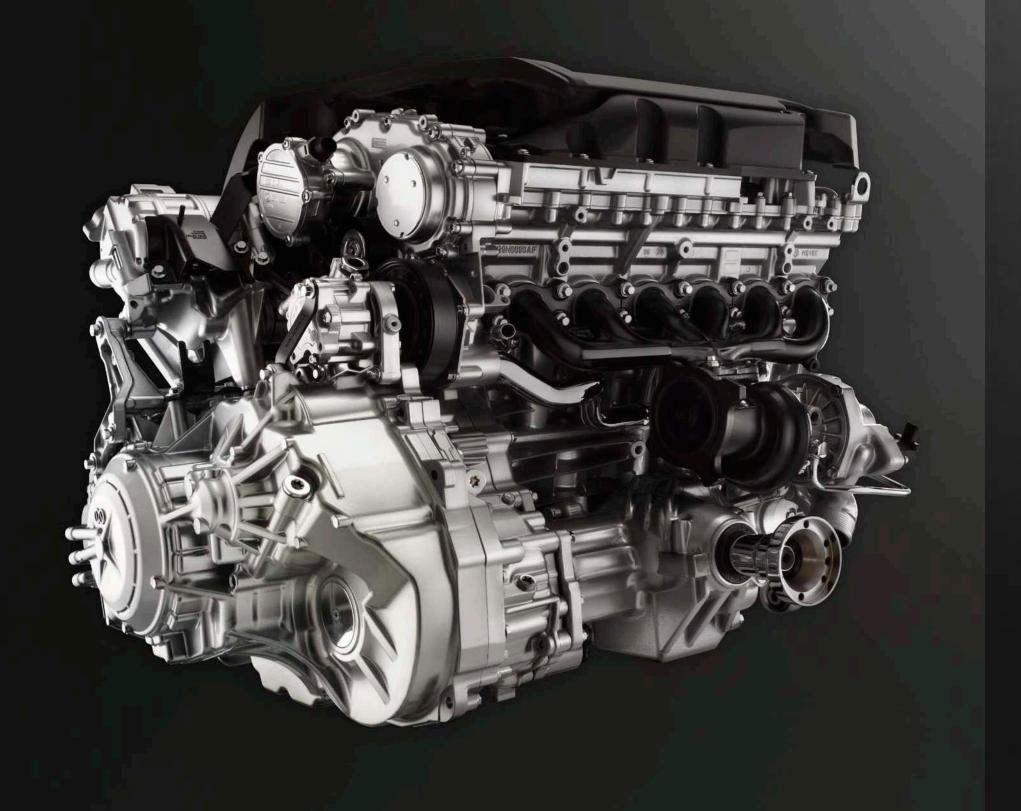
This Volvo S80 delivers the royal treatment – 21st century style. Technologically speaking, scouts run ahead, check the road, and report back. At work are digital video and radar-based predictive technologies – Adaptive Cruise Control (ACC) and Collision Warning with Auto Brake (CWAB) – which monitor the cars in front and adjust power delivery and braking intuitively. This onboard intelligence is available to help you negotiate traffic in terms most favourable to you and your passengers – helping you to keep a safe distance. The creature comforts and thoughtful amenities throughout the cabin also seem to anticipate and satisfy your every need – even the remote key fob, the Personal Car Communicator (PCC), can help keep you in touch with your car's status: locked, unlocked, occupied? Call it a sixth sense, second sight or intuition; no one predicted intelligence would travel like this.





Volvo's advanced driving system helps make driving more comfortable. Now supplemented with a digital video camera to help examine the road ahead, it is possible for the Volvo S80 to discern stationary objects from other road users and to register lane markings. If you are ever distracted or tired, the car's ability to identify your lane – and any stationary vehicles in your lane – can help you reach your destination without incident. But please note: Even these sophisticated systems – Lane Departure Warning (LDW), Driver Alert Control (DAC) and the Blind Spot Information System (BLIS) – have limitations. It is the driver's responsibility to remain alert at all times.





Intelligence creates its own momentum.



Power and control. How often do you find them in perfect accord? In all its petrol, flexifuel and diesel variants, the Volvo S80 offers fluid performance.

The drivetrain and chassis perform as one. Acceleration is never delayed. And liveliness is assured by immediate response throughout the entire rev range. Volvo's premium source of diesel power, the 205hp D5, exploits state-of-the-art sequential twin-turbo technology to deliver enormous capacity with superior refinement.

There is even a brilliant DRIVe diesel available with the lowest CO<sub>2</sub> emissions for luxury cars in this class (119 g/km). With advanced, hyper-efficient fuel management systems, each available Volvo engine maximises performance in the smartest way possible.



# It doesn't just devour highway, it knows which fork to use.

Experience sophistication and refinement where it matters most: on the road. Here, the advanced chassis displays impeccable manners. Defined by high torsional-rigidity, wide stance and a long wheelbase, the Volvo S80 chassis is a faithful interpreter of road and driver. Its multi-link rear suspension counteracts any tendency to understeer while the McPherson front suspension struts promote superior comfort. Above and beyond the manifestation of comfort and performance that's standard in the Volvo S80, the lowered Sport chassis delivers impressive agility and balance. With it you'll experience quicker steering and a sure, planted feeling at all times, in all corners. Devour miles of highway with grace and then relish the twists and turns that lead you home in time for dinner. Bon appétit.



Somewhere between points A and B we discover the finer points.





Volvo designers feel they've created an environment ideal for driver and passenger alike. Floating layers, inspired by Scandinavian landscapes, both converge and soothe. Controls are easy to operate and pleasing to touch. Even the Road Traffic Information (RTI) navigation screen appears and disappears into the dashboard with an elegance and simplicity that complements it's vast functionality. And much attention has been paid to comfort throughout the cabin. For example, the seats set the standard for ergonomic and aesthetic excellence – and with the Dynamic front seats, deep contours and full side bolsters provide even more support through tight corners. Now, run your hand over Volvo's real wood inlays and the genuine leather upholstery. Exquisite to the touch and crafted with meticulous care, rest assured they're the genuine article and of world-class quality.



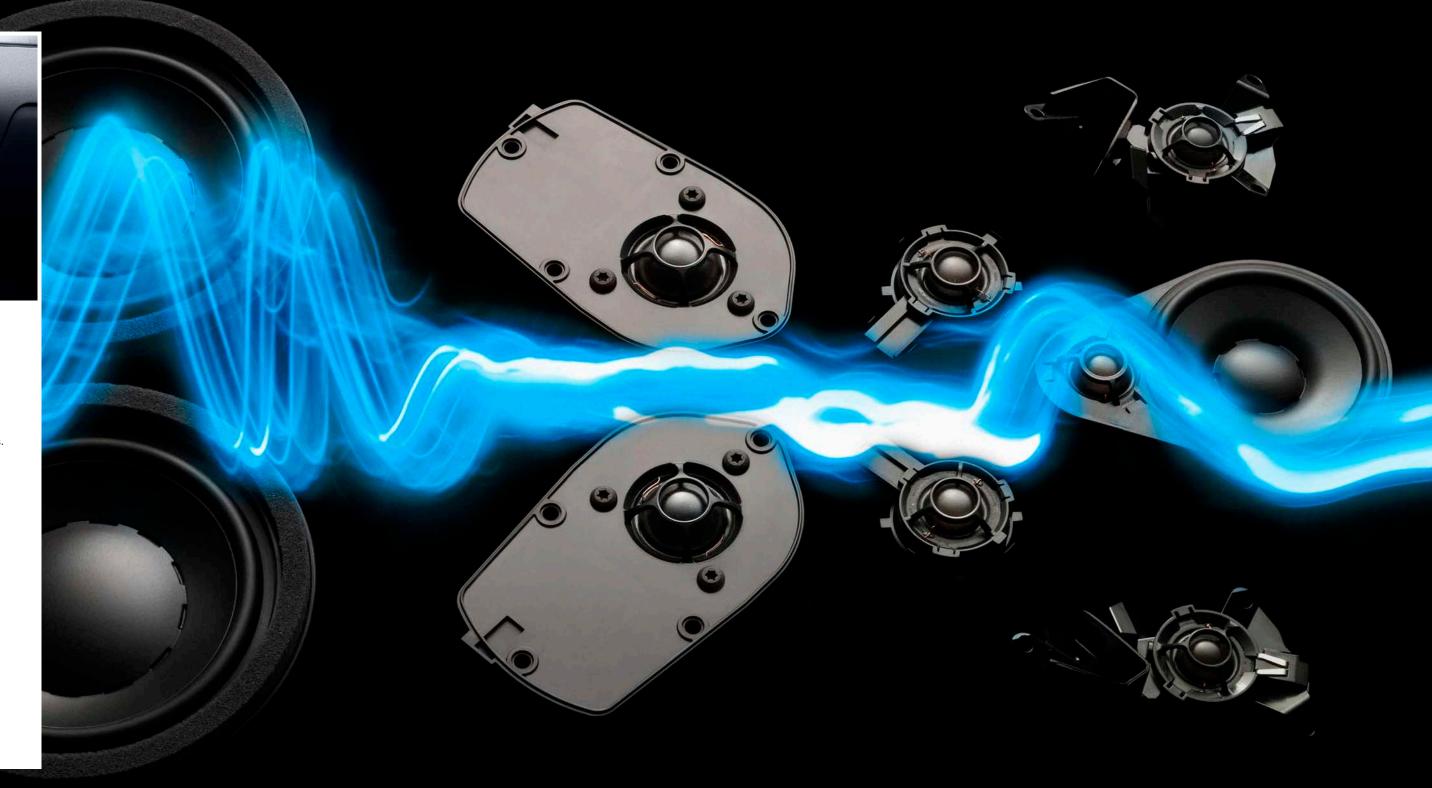
# An air of refinement that actually includes refined air. How refreshing.

What makes a luxury car a luxury car? Is it the broad, beautiful strokes of polished wood, exquisite leather surroundings, and a cabin so quiet you can hear the sound of satisfaction? Or is it in the minute details that show, in every respect, this luxury car is at your service. For example, the Volvo S80 can air itself out before you get in,

automatically close the vents to protect you from outside pollution, and claim air so free of allergens, it is recommended by the Swedish Asthma and Allergy Association. In any case, this is a car that enjoys the highest standards – as will everyone who travels aboard. And when it comes to luxury – if you want it all, the Volvo S80 has it all.



Volvo's modern sound systems are among the best in the world - especially with the latest generation of Dolby® Pro Logic® II Surround, pure digital amplification and spectacular loudspeakers. Our audiophile system, Premium Sound, utilises twelve high-end loudspeakers – including two in the centre – and sophisticated sound processing calibrated especially for the interior of the Volvo S80. Plug in your favourite MP3 player or iPod® and the combination of crystal-clear presence and wake-the-neighbours power ensures accurate reproduction of your favourite songs at





# Maybe the key to genius is no key at all.

How smart is this car? With the Personal Car Communicator, your Volvo S80 knows to let you unlock doors with a grasp of a handle and start your car without a key in hand – it's enough to have the key in your pocket or handbag. Smarter still, you can check your PCC remote to see the status of your car (is it locked, or unlocked?) and with Home Safe Lighting, your way to and from the car can be illuminated brilliantly.





# Ordinary, but only when over-achievement is.

If nonconformity is the first sign of intelligence, then the Volvo S80 is brilliant against a crowded field of luxury cars. But it's not just different for argument's sake. It's different for your sake. With the safety, performance, comfort and style beyond the expected, this is what happens when the European luxury sedan gets a significant Scandinavian upgrade.



THERE'S MORE TO LIFE THAN A VOLVO. THAT'S WHY WE DESIGN OUR CARS TO SUPPORT YOU IN ANY SITUATION ON THE ROAD. THAT'S WHY OUR SAFETY TECHNOLOGY HAS PUSHED AUTOMOTIVE DEVELOPMENT FOR MORE THAN EIGHTY YEARS. THAT'S WHY WE AIM FOR A FUTURE WHERE CARS DON'T CRASH. THAT'S WHY WE LEAD THE WAY TO ZERO EMISSIONS, AND OFFER ONE OF THE PREMIUM SEGMENTS STRONGEST RANGES OF LOW  $CO_2$  ALTERNATIVES. AND THERE ARE ALL THE REASONS IN THE WORLD TO MOVE THE BOUNDARIES FOR WHAT'S POSSIBLE AND WHAT'S NOT. THAT'S WHY WE INNOVATE FOR LIFE.

# Innovated for your enjoyment, the Volvo safety technologies will protect more than the fun of driving.

Across the world, Volvo equals safety. And that comes with good reason, because few carmakers can match our record of safety innovations and the commitment for safety that has guided us for more than 80 years. Of course, this makes us extremely proud. But we're not satisfied. Because we know what we want to achieve: zero accidents. This huge task calls for innovative thinking and a brand new approach to the way we design cars. Good news is we've already come a long way. For starters, our cars are more fun and engaging to drive than ever (because a bored driver will never be a safe driver). Neither is the technology needed any figment of the imagination – some is already available in your Volvo. This means driving a Volvo today is like having a first peek at a very exciting automotive future – a future where passionate engineering and design do more to help you get the most out of life.

After all, there's more to life than a Volvo.





# Designed to catch the light brilliantly, this car also reflects a promise.

Thankfully, the automotive industry is moving away from fantasyland to the real world. Our journey towards a better environment started already in the early 70's. Then we were among the first carmakers to acknowledge the environmental downside of cars and to do something about it. Since then we are constantly innovating to reduce the environmental impact of the cars and how we make them.

Today's biggest challenge is, of course, to reduce the carbon dioxide emissions that cause climate change. Today we offer one of the premium segments strongest ranges of low  $CO_2$  alternatives: the Volvo DRIVe variants. Utilising innovative powertrain technology together with advanced aerodynamics, low friction technology and lightweight materials, the DRIVe range is an important step towards zero emissions.

In near future we will introduce new technology such as plug-in hybrid vehicles that will further reduce  $CO_2$  emissions and can be charged from a standard wall socket. And we're heavily engaged in the development of electrical vehicles – a technology that will dramatically reduce the environmental footprint of our cars and make them even more fun to drive.

Good for you, and for the world we share.





THE CREATION OF YOUR VOLVO STARTS UNDER THE HOOD. A major part of the experience ahead of you is defined by the engine you choose. Is it maximum performance and a sporty engine character that make your heart tick? Or do you prefer relaxed cruising and the highest possible fuel mileage? Whichever engine satisfies your requirements, you will enjoy instant power and smooth running while state-of-the-art fuel management systems make the most of every micro-drop of fuel. Pick your engine, and enjoy the drive.

### FLEXIFUEL ENGINES (E85 BIOETHANOL)

| 2.5FT                                 | 2.0F                           |  |  |
|---------------------------------------|--------------------------------|--|--|
| man/auto                              | man/auto                       |  |  |
| <b>206*/229*</b> CO <sub>2</sub> g/km | 199*/203* CO <sub>2</sub> g/km |  |  |
| 8.6**/9.6** I/100 km                  | <b>8.3**/8.5**</b> I/100 km    |  |  |
| <b>231</b> hp                         | <b>145</b> hp                  |  |  |
| <b>340</b> Nm                         | <b>190</b> Nm                  |  |  |

**EQUIP YOUR OWN VOLVO \$80.** As you define your own style and specify your needs, choose one of Volvo's equipment levels – Kinetic, Momentum or Summum. These ample packages add luxury and comfort beyond the impressive standard equipment level and reflect our core belief that functionality and beauty go everywhere together. For more information about the different equipment levels, please contact your Volvo dealer or visit www.volvocars.com

## STANDARD

40/20/40 split rear seat

AUX input

Belt reminder, all positions

Cup holders, tunnel console Double exhaust oulets (only standard for T6 AWD)

Driver and passenger side airbags

Dynamic Stability and Traction Control (DSTC)

Electronic air heater

Electronic Parking Brake

Frontal airbags

Illuminated vanity mirror, passenger side

Inflatable Curtains (IC)

ISOFIX child safety seat attachments, rear

Manganite decor inlays

Performance audio package

Remote control central locking

Side Impact Protection System (SIPS)

Steel wheels 16"

Temperature gauge, outer

Textile/T-Tec upholstery

Trip computer

Watchdial instrument cluster (only standard for T6 AWD)

Whiplash Protection System (WHIPS)

### PETROL ENGINES

V8 AWD T6 AWD **284** CO<sub>2</sub> g/km 244 CO<sub>2</sub> g/km

**12.1** I/100 km **10.2** I/100 km **315** hp **304** hp **440** Nm

**440** Nm

**3.2 AWD** 

**224** CO<sub>2</sub> g/km **9.6** I/100 km

**238** hp

auto

**208** CO<sub>2</sub> g/km

**8.9** I/100 km

**238** hp **320** Nm **320** Nm 2.5T

man/auto 206/229 CO<sub>2</sub> g/km **8.6/9.6** I/100 km

**231** hp **340** Nm 2.0T

**300** Nm

man/auto 184/193 CO<sub>2</sub> g/km 7.9/8.3 I/100 km **203** hp

**199** CO<sub>2</sub> g/km 8.3 I/100 km **145** hp

**190** Nm

37

2.0

man

### **DIESEL ENGINES**

D5 AWD

**194** CO<sub>2</sub> g/km

**7.3** I/100 km

**205** hp

**420** Nm

**D5** 

man/auto **164/178** CO<sub>2</sub> g/km

**6.2/6.7** I/100 km **205** hp

**420** Nm

**D3** 

man/auto **134/154** CO<sub>2</sub> g/km **5.1/5.8** I/100 km

**163** hp **400** Nm **DRIVe** 

**240** Nm

**119** CO<sub>2</sub> g/km **4.5** I/100 km **109** hp

\*CO<sub>2</sub> emissions when running on petrol. Running on E85 bioethanol, the net contribution of fossil CO<sub>2</sub> is considerably lower.

\*\*Fuel consumption when running on petrol. Running on E85, fuel consumption is about 40% higher due to the less energy content of bioethanol.

Technical data may be subject to change. Please talk to your Volvo dealer for the latest information. All technical data is preliminary.

### KINETIC

includes Standard equipment level plus the following:

Interior Air Quality System (IAQS) Aluminium wheels 16"

Audio controls in steering wheel

Cruise control

Electronic Climate Control (ECC) Fog lights, front spoiler Illuminated vanity mirror, driver

Leather-clad gear knob Leather-clad steering wheel

### MOMENTUM

includes Kinetic equipment level plus the following:

12V outlet, cargo area Aluminium decor inlays

Automatically dimmed inner rear-view mirror

Grocery bag holder Power tailgate Rain sensor

Retractable outer rear-view mirrors Textile/Leather upholstery

### SUMMUM

includes Momentum equipment level plus the following:

Aluminium wheels 17" Dual Xenon headlights Heated front seats Leather upholstery

> Power seat, driver with memory Wood decor inlay

N.B. The contents in the equipment levels may vary from country to country. Please ask your Volvo dealer for further information.





want a dynamic touch? If stylish and sporty looks get your pulse racing, this may be the Volvo S80 for you: Dynamic Leather Offblack upholstery in Anthracite Black interior with Cross Brushed aluminium centre stack and door panel inserts, leather-clad steering wheel, Charcoal and leather-clad gear knob, Charcoal. Exterior colour Black Sapphire metallic with colour-matched spoiler and Fortuna 18" Diamond cut/Light Grey aluminium wheels.







OR MODERN LUXURY? Some people prefer sophisticated, timeless elegance. If that sounds like you, your new Volvo S80 can look like this: Leather Soft Beige upholstery in Sandstone Beige interior with Classic wood centre stack and door panel inserts plus illuminated instep plates. Leather/Classic wood steering wheel, Soft Beige and Leather/Classic wood gear knob, Soft Beige. Exterior colour Flamenco Red metallic and Balius 18" Silver Bright aluminium wheels.

**COLOUR YOUR VOLVO.** When it comes to the appearance of your Volvo, the choice of exterior colour and wheels are probably your most important design decisions. And to add a truly exquisite touch to the paintwork of your Volvo - choose one of the unique Inscription colours. For more exterior styling options and to build your new Volvo online, please visit

### www.volvocars.com



614 Ice White



493 Caper Green metallic



702 Flamenco Red metallic







492 Savile Grey metallic

477 Electric Silver metallic Inscription

019 Black Stone



452 Black Sapphire metallic

472 Oyster Grey metallic



455 Titanium Grey metallic



487 Ember Black metallic Inscription



467 Magic Blue metallic



498 Caspian Blue metallic



426 Silver metallic



### Clean colours

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

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

### Inscription

Inscription is our exclusive design programme for a truly distinguished look.



### **EXTERIOR DESIGN** Aluminium wheels



Balius 8x18" Silver Bright



Fortuna 8x18" Diamond cut/Light Grey



Sleipner 8x18" Silver Bright



Njord 8x17" Silver Bright



Balder 7x17" Silver Stone



Cassini 7x17" Silver Bright



Oden 7x16" Silver Stone

### ACCESSORY Aluminium wheels



Fortuna 8x18" Silver Bright



Makara 8x18" Silver Bright or Black Chrome



Venator 8x18" Silver Bright or Chromed



Regor 7x17" Silver Bright



Agena 7x16" Silver Stone





### Dynamic seat design

Choosing the Dynamic leather upholstery, the front seats feature a uniquely designed seat structure with deep contour, extra padding and enhanced side support to hug you in the corners and make superb comfort.

### INTERIOR DESIGN Anthracite Black



### Perforated leather

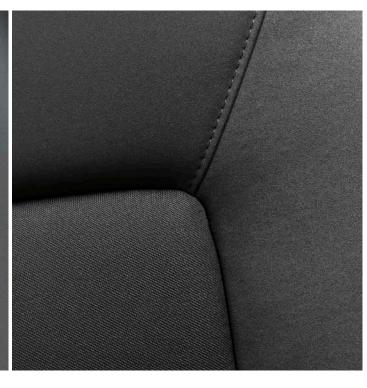
Designed for use with ventilated seats, this quality is made with buffed leather. Central seat panels are perforated, efficiently managing body moisture while adding an aesthetic quality.

### Leather

This is a hide quality that's comfortable, durable and has a coarse grain pattern. Like all Volvo leather, it's organically tanned and ages beautifully.

### Dynamic leather

The unique front seat design and sophisticated stitching of the Dynamic leather seats add a classy touch and help create a sportier feeling inside your Volvo.



finely woven textile upholstery trimmed with ultra-modern T-Tec



Leather-clad steering wheel, Charcoal

Leather-clad gear knob

Charcoal, manual



Leather-clad steering wheel, Charcoal with Silk metal inlay

Leather-clad gear knob

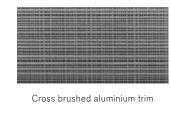
Charcoal, Geartronic



Leather/Classic wood steering wheel, Charcoal with Silk metal inlay

Leather/Classic wood gear knob

Charcoal, Geartronic





Dark Fineline trim

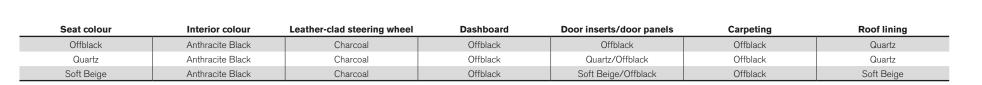




Modern wood trim

### Sundby T-Tec/textile

This sporty looking upholstery also combines two materials: - a synthetic skin inspired by wetsuits and durable outdoor gear.



Leather-clad gear knob

Charcoal with Silk metal inlay,

Geartronic

### INTERIOR DESIGN Anthracite Black



Perforated Leather Offblack, 2201 Classic wood centre stack and door panel inlays.



Dynamic Leather Offblack, 2L01 Cross brushed aluminium centre stack and door panel inserts.



Perforated Leather Soft Beige, 2202 Cross brushed aluminium centre stack and door panel inserts.



Dynamic Leather Soft Beige, 2L02 Modern wood centre stack and door panel inserts.



Leather Offblack, 2101

Dark Fineline centre stack and door panel inserts.



Sundby T-Tec/textile Offblack, 2501 Cross brushed aluminium centre stack and door panel inserts.



Leather Soft Beige, 2102

Dark Fineline centre stack and door panel inserts.

### INTERIOR DESIGN Sandstone Beige



Leather-clad steering wheel, Soft Beige

Leather-clad gear knob

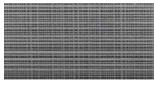
Soft Beige, manual



Leather-clad steering wheel, Soft Beige with Silk metal inlay



Leather/Classic wood steering wheel, Soft Beige with Silk metal inlay



Cross brushed aluminium trim



Dark Fineline trim



Classic wood trim





Modern wood trim



Soft Beige, Geartronic



Leather-clad gear knob Soft Beige with Silk metal inlay, Geartronic



Leather/Classic wood gear knob Soft Beige, Geartronic



Perforated Leather Soft Beige, 2212 Cross brushed centre stack and door panel inserts.



Dynamic Leather Soft Beige, 2L12 Dark Fineline centre stack and door panel inserts.



Leather Soft Beige, 2112 Classic wood centre stack and door panel inserts.

| Seat colour | Interior colour | Leather-clad steering wheel | <b>Dashboard</b> Upper part/lower part | Door inserts/door panels | Carpeting   | Roof lining |
|-------------|-----------------|-----------------------------|--|--------------------------|-------------|-------------|
| Soft Beige  | Sandstone Beige | Soft Beige                  | Espresso Brown/Soft Beige              | Soft Beige               | Mocca Brown | Soft Beige  |



# Welcome to the Executive lounge.

Intuitive and luxurious, our top of the line Executive variant takes the sensory experience of the Volvo S80 even further. Relax in lush surroundings finely detailed by ambient lighting throughout and enjoy. Of course, handcrafted soft leather and hand-finished walnut wood abound.





**EXECUTIVE INTERIOR DESIGN.** The Executive interior features ventilated front seats that are fully upholstered in perforated soft leather and that include an Executive massage treatment to really spoil you. Walnut wood trim in door panels, steering wheel, gear knob and dashboard add to the Executive ambience – all complimented by the unique walnut wood Executive centre console with an articulated aluminium jalousie. Note the time on the elegant analogue clock and indulge the journey ahead.



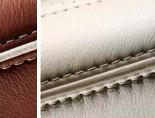


Anthracite Black interior

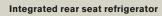
Chestnut, 2G0N

Executive Perforated Soft Leather

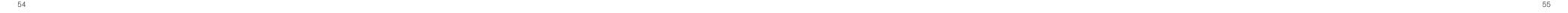








For the simple pleasures, you can add a refrigerator between the rear seats. Refreshments are kept cold and within convenient reach for those with the privilege to ride in the back. These passengers will also have their own hand-cut Swedish crystal by Kosta Boda, designed by the Swedish glass artist, Bertil Vallien, and engraved with the Executive emblem. The cabinet includes a specially designed Executive bottle opener in stainless steel and features ambient light to set the crystal aglow.



Anthracite Black interior

Offblack, 2G01

Executive Perforated Soft Leather



Volvo's collection of exquisite and exclusive interiors and details has a name. Inscription. It also has a purpose; to deliver a quiet realm of understated splendour to all those lucky enough to experience it. Every seat is upholstered in the finest Scottish Hide and complimented with contrasting stitching and piping. Tufted floor mats with extra thick pile and the Inscription instep plates add an exclamation mark to this unmistakable statement of quality. Choose from two unique interior trims, then opt for the paint finish of your Volvo S80 from a selection of Inscription exterior colours. As you realise your perfect oasis, you'll find Volvo Inscription is much more than a range of skilfully handcrafted interiors and special details – it is an imaginative and empathic way of saying this is my Volvo.

### **INSCRIPTION** Upholstery



Anthracite Black interior
Inscription Perforated Soft Leather Offblack, 2F01
Inscription Perforated Soft Leather Offblack, ventilated front seats, 2G01



Anthracite Black interior
Inscription Perforated Soft Leather Toscana Tan/Offblack, 2F0J
Inscription Perforated Soft Leather Toscana Tan/Offblack, ventilated front seats, 2G0J



Sandstone Beige interior Inscription Perforated Soft Leather Soft Beige, 2F12 Inscription Perforated Soft Leather Soft Beige, ventilated front seats, 2G12



Anthracite Black interior
Inscription Perforated Soft Leather Polar Blue/Offblack, 2F0H
Inscription Perforated Soft Leather Polar Blue/Offblack, ventilated front seats, 2G0H



Sandstone Beige interior
Inscription Perforated Soft Leather Espresso Brown/Soft Beige, 2F1Y
Inscription Perforated Soft Leather Espresso Brown/Soft Beige, ventilated front seats, 2G1Y















# This is what happens when you add special equipment to the special equipment.

If sheer, undiluted driving pleasure could be displayed on an instrument panel, where would you set your red line? With Volvo S80 R-DESIGN styling package, your Volvo S80 has a new ambition – inside and out – to be something beyond the expected. The exclusive design elements – like the sport pedals, leather gearshift knob, and more – boldly reflect an unmistakable passion for sport. But it's the lowered sports chassis and the sculpted Dynamic seats that really set the stage for driving pleasure.

### Combi instruments

At the centre of the instrument panel, the speedometer and rev counter feature attractive blue inserts.

### Sports steering wheel

Get to grips with this exclusive leather-clad 4-spoke sports steering wheel with R-DESIGN logo.

### Sports pedals

Enhance the driving experience – enjoy the look and feel of these grippy, ridged sports pedals.

### Sports floor mats

These exclusive, sports mats with stylish ribbing offer travellers a classy welcome.

### Dynamic seat design

These front seats feature a uniquely designed structure with deep contours, extra padding and enhanced side support to hug you through fast corners and provide superb long distance comfort.

### Sports gearshift knob

Perforated leather gives the S80 R-DESIGN gearshift knob an exciting look and feel.

### Sports deco inlay

The centre stack and door handle inlays convey a sporty, contemporary feel.

### **Lowered Sports Chassis**

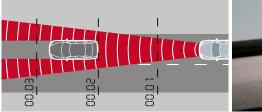
Lowered by 20 mm, this chassis is optimised to deliver a high degree of control. The sportier, road-hugging ride and precision steering give drivers a smooth, seamless connection to the road. What's more, the lowered stance makes the Volvo S80 appear even more dynamic.

# SAFETY

At the core of every car we make, state-of-the-art technology helps support the driver and protect the occupants. And to further enhance the Volvo safety experience, there's a range of supplementary safety technology – for more performance and peace of mind.



### **SAFETY** Preventive





### Adaptive Cruise Control (ACC) with Distance Alert

Helping the driver to keep a safe distance from vehicles in front at speeds over 30 km/h, ACC is a supportive partner for a more relaxed driving experience on long journeys and motorways. Just select the desired speed and the minimum time gap to the vehicle in front. When the radar sensor detects a slower vehicle in front, the speed automatically adapts to that vehicle. And when the road is clear, the car resumes the selected speed. If ACC is disengaged and a vehicle in front comes too close, Distance Alert activates a red warning light in the lower section of the windscreen to help you keep a proper distance.

### Collision Warning with Auto Brake (CWAB)

Primarily designed for highway driving, CWAB can warn you if you're too close to a vehicle in front and – if a collision can't be avoided – can activate the brakes to help mitigate the impact. Within a range of 150 metres, a radar sensor behind the grille and a digital camera behind the windscreen continuously monitor the distance to the vehicle driving in front of you. If the vehicle suddenly brakes (or is stationary) and Collision Warning senses that a collision is likely to happen, it will alert you to act with a flashing red warning light on the windscreen along with an audible alarm. Moreover, this technology supports driver-initiated braking by pre-charging the brakes to quickly prepare for panic braking and help shorten the reaction time. If you don't react to the warning and a collision is imminent, the brakes will activate automatically.





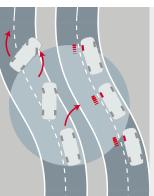
### Driver Alert Control (DAC)

Up to 90% of all traffic accidents are caused by driver distraction. Driver Alert Control is a unique technology that can help alert a tired or distracted driver at speeds over 65 km/h. Using signals from a digital camera to monitor the road ahead along with data from steering wheel movements, DAC can compare erratic behaviour to your normal driving style. If DAC detects that your driving behaviour shows signs of drowsiness or distraction, you receive an audible warning. At the same time, a message is displayed in the instrument panel suggesting it might be time for a break.

### Lane Departure Warning (LDW)

At speeds over 65 km/h, Lane Departure Warning can help prevent single-vehicle road departures as well as collisions caused by temporary distraction. This function uses the digital camera to register the lane markings and help monitor the car's position on the road. If you weave out of your lane, LDW will alert with an audible signal. If you intentionally cross a lane marker using the direction indicators, LDW is not activated.

### **SAFETY** Preventive



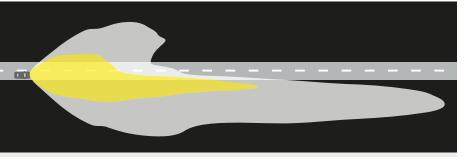
### Dynamic Stability and Traction Control (DSTC)

By helping prevent fishtails, spinouts, and rollovers, stability control technology like DSTC has been described as one of the most vital safety advances of the past decade. At the core of DSTC, 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. DSTC is able to detect a potential skid and help counteract this by reducing the engine's power output, or braking on one or more wheels.



### Adaptive brake light

Active at speeds above 50 km/h, the adaptive brake light can sense the difference between normal and panic braking. If it is a panic situation, all the brake lights will flash at a rate of four times per second. Once your speed slows to below 10 km/h, the lights stop flashing and hazard lights flash instead.



### Dual Xenon lights

The headlamps combine separate reflectors to provide even and effective illumination in all conditions. For even better night vision, there's the option of Dual Xenon gas discharge lamps. Compared to conventional halogen headlamps, Dual Xenon headlights expand your vision range by about 230%. This means you'll gain a further 45 metres 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 Bending Lights (ABL)

In addition to improving illumination by about 230% using Dual Xenon light technology, the Active Bending Lights give a 90% boost to your vision round bends at night. Controlled by microprocessors, the motorised lamps turn up to 15 degrees in either direction when driving – reliably lighting up your chosen path. A twilight sensor disengages the adaptive function during daylight to extend its lifespan.

### Intelligent Driver Information System (IDIS)

To help avoid distractions during critical driving situations, IDIS constantly analyses your driving and will delay secondary information from the car or one of its onboard systems – such as the GSM phone – when it detects intense steering, braking or acceleration. As soon as things calm down, the phone call or the delayed information is presented. IDIS can be set up to let GSM calls through in all driving situations.

### Water-repellent front side windows

To help offer far better visibility in the rain, these front side windows help repel water as you drive. The hydrophobic surface treatment turns water into small drops that will be blown away by the force of the wind. This also gives you the benefit of less ice or frost in winter conditions.

### **SAFETY** Protective



In a rear impact the rear deformation zones will help absorb crash energy. The fuel tank is designed to remain well protected in front of the rear axle. The head restraints help protect the neck and spine, The dual-chamber side airbags in the front seats and Volvo's unique Whiplash Protection System (WHIPS) cradles the front seat occupants in a controlled manner to help prevent whiplash injuries.

In a side impact Volvo's unique Side Impact Protection System (SIPS) helps distribute the crash forces across the car's body, away from the occupants. help protect the chest and hip, while the Inflatable Curtain (IC) adds head protection.

In a roll-over the robust safety cage and the reinforced roof structure together with the safety belts and belt pre-tensioners will help protect the occupants. If the car first has been hit from the side, the Inflatable Curtain (IC) deploys to help provide head protection.

In a frontal collision the patented frontal structure will yield to help absorb and disperse crash energy. The compact powertrain is designed to help optimise deformation. Inside the car, safety belts interact with the collapsible steering column and dual-stage airbags to help keep the occupants out of harm's way.

### **SAFETY** Protective



### Restraint technologies

In a collision, Volvo's restraint technologies interact to help reduce the impact. The safety belts with pre-tensioners activate within a few thousandths of a second in the event of a collision and tighten the belt to help keep the occupants securely restrained. The front seat safety belts then release a little so that the driver and passenger are cushioned by the airbags in a controlled manner. Helping to optimise protection, the **dual-stage airbags** adapt the level of inflation depending on the force of the collision. The driver's airbag also interacts with the deformation of the collapsible steering column.

Dual-chamber side airbags in the front seats help reduce the risk of serious injuries in a side collision. Two separate chambers are inflated at different pressures to help optimise protection of the chest and hip on the front seat occupants. The Inflatable Curtain (IC) helps protect the heads of both front and rear outboard occupants. It also stays inflated for some seconds to provide prolonged protection for subsequent impacts.



### Whiplash Protection System (WHIPS)

Integrated in the front seats, Volvo's WHIPS cradles the occupant to help reduce the risk of whiplash injury (one of the most common types of traffic injury and often the result from a low-speed rear impact collision). The function is activated by a collision of sufficient force from behind. Independent research has shown that WHIPS is one of the most effective systems in the world and can reduce the risk of long-term invalidity by 50%.

### Side Impact Protection System (SIPS)

SIPS is a Volvo unique safety system that has been developed to help protect where occupants are most exposed to the crash forces. The steel framework of the car - including the front seats - is designed and reinforced to help displace the impact of a side-collision away from the occupants to other parts of the car body and help prevent intrusion into the cabin. The extremely strong side structure is built-up with ultra-high strength steel and softer grades of steel to help withstand a severe side impact - even with a larger vehicle. The Inflatable Curtain (IC) for all the outboard occupants and the front seat dual-chamber side airbags interact to help provide further protection.



### Passenger airbag cut-off switch

This switch allows you to disengage the passenger airbag using the car key. When the airbag is switched off, you are notified via a message in the roof console display. The force of the passenger airbag is designed to help protect adults - children risk serious injury. Therefore, the airbag must first be disengaged if you intend to put a person shorter than 140 cm in the front passenger seat.

### **Energy-absorbing frontal structure**

In developing this Volvo's protective qualities, we have focused on frontal collisions at both higher speeds and with heavier vehicles. The patented frontal structure with its sizeable deformation zones in different kinds of steel will yield to help absorb crash energy. The compact powertrain is designed to help optimise deformation. The unique geometry of the frontal structure and longitudinal steel struts in the doors help disperse crash energy away from the front to the rear of the car, further helping to reduce the strain on the occupants. A steel strut under the dashboard further helps keep the cabin intact.

### **SAFETY** Child safety



### Volvo's child safety programme

To further enhance protection for children, we offer a child safety programme that is among the most comprehensive in the car world. Because infants have large heads and weak necks\*, we know that a child up to the age of 3–4 travels most safely facing the rear. Volvo's rear-facing child seats help provide maximum protection in a wide range of collisions. Children who have outgrown the child seat travel most safely seated on a booster seat, secured with the car's safety belt.

\*In a frontal collision at 50 km/h, the head of a six-month infant can be exposed to forces corresponding to a load of 100 kg!

**Please note:** If the front passenger seat airbag is switched on, children under 140 cm in height should never be seated in the front seat – not in conjunction with a child seat, a booster cushion or under any other circumstances.

### Power child safety lock

The power child lock enables you to conveniently lock the rear doors and rear power windows from the driver's seat and prevent them from being opened from the inside.



### ► Infant seat (up to 13 kg)

Infants, from newborns up to about 1 year of age, travel safely backwards in this comfortable seat. It's installed using the car's safety belt. And for extra convenient installation using the car's ISOFIX attachments, an ISOFIX base can be added. Side wings help protect in a side impact, and the headrest and five-point harness are easily adjusted. The headrest is padded for a comfortable sleep and there's a canopy to block the sun. What's more, the infant seat is easy to carry and can be used as a babysitter.



### ► Convertible child seat (9-25 kg)

From the age of 9 months to about 6 years of age a child can continue to be seated backwards in this new child seat. Advanced design helps provide world-class protection and flexible seating for many years. The seat is fitted using the car's safety belt and is easily adjusted to help optimise comfort and safety. An integrated support leg helps facilitate safe backward installation. We recommend that children be seated backwards as long as possible. But when a child grows bigger (15–25 kg) and can not comfortably be seated facing to the rear, this seat can also be used as a forward-facing booster cushion that puts a child at the correct position for the car's safety belt.

### **SAFETY** Security



### Personal Car Communicator (PCC)

PCC is an advanced remote control that combines keyless drive with two-way communication with your Volvo. Keep the PCC with you and the car unlocks automatically as you pull the door handle. 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, PCC can tell; no matter where you are. On your return to the car – within a radius of 60 to 100 metres – pressing the PCC information button will give you a current report on its lock and alarm status.



### HomeLink®

With buttons integrated in the sun visor, HomeLink® allows you to operate remote controlled home appliances – such as garage door, home alarm and exterior lighting – without leaving the car.

HomeLink is a registered trademark of Johnson Controls Technology Company.



### Power retractable door mirrors with ground lighting

At the touch of a button, these door mirrors can be folded flat against the car where they are less likely to get damaged after you've parked. They also fold or unfold automatically every time you lock or unlock the car. The integrated ground lighting is activated with the remote control or with the PCC. Beyond enhancing security to and from your car at night, this is also convenient when getting in and out.

### Approach and Home Safe Lighting

Activated with the remote control or Personal Car Communicator, 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 a dipped beam from the headlight to accompany you to your door.

### Laminated side door windows

Laminated side windows turn an attempted smash-and-grab into a time consuming ordeal. They also enhance sound comfort in the cabin and contribute to UV protection. Additionally, this option also includes water-repellent glass in the front side windows for improved visibility in wet weather.

### Volvo On Call

Activating automatically if any of your car's airbags are deployed – or at the touch of a button – Volvo On Call is Volvo's roadside assistance and emergency service. Not only does it put you in direct contact with a Volvo On Call operator, a built-in GPS system allows them to pinpoint your location and get help to you as soon as possible. The system can also alert you to an attempted break-in, and if the car is stolen it can be traced via satellite.

# COMFORT

A Volvo is always designed for more than one. Our technology aims to enhance the feel-good factor for everybody with the privilege of riding in a Volvo. And to further improve comfort and convenience, there's a range of clever equipment – customised for your Volvo and the people inside it.



### **COMFORT** Seats





### Ventilated front seats

The ventilated front seats make long journeys and hot days much more comfortable. This function works by drawing air through the perforated leather upholstery in both the cushions and seat backs.



### Power front seats

Find your perfect driving position with push-button ease. The driver's seat also incorporates a memory function that stores three separate seat and door mirror settings connected to a specific remote control – a feature that's appreciated when the car has several drivers.

### Heated seats, front and rear

Adjustable in three settings, heated seats for the driver and front seat passenger add to comfort on those cold mornings. And to enhance comfort for friends in the rear seat, this convenience is also available for the outer rear seat positions.

### **COMFORT** Climate



### Power glass sunroof

This makes the interior feel extra light and airy. It opens and closes at the touch of a button. If the sun is too strong, just close the built-in sunshade. The sunroof can also be closed together with the side windows using the central locking remote control.

### Sun curtain, rear windows

Elegantly integrated in the rear door panels, the sun curtain helps improve in-car climate in direct sun light. Just pull it up and attach it in the upper door sealing. The windows can still be lowered while the curtain is up – very convenient if the car is at standstill and the sun is strong.

### ▶ Sunshades

Easily attached to the rear door windows and rear window, these help reduce the heat and glare of direct sunlight. Simple to remove when they're not needed.

### Electronic Climate Control (ECC)

Electronic Climate Control (ECC) maintains the cabin temperature you choose and can be set independently for the driver and front passenger. Further contributing to your health and comfort, Volvo's unique humidity sensor helps ensure cabin air has an appropriate level of humidity according to the outside climate.

### Interior Air Quality System (IAQS)

Volvo's IAQS continuously monitors incoming air and will, if necessary, temporarily close external air vents to shut out carbon monoxide, ground-level ozone and nitrogen dioxide. Meanwhile, an active carbon filter protects the occupants from other harmful gases and unpleasant odours. This helps ensure that the air you breathe in the car is cleaner than that outside when driving in heavy city traffic and tunnels.

### Clean Zone Interior Package (CZIP)

CZIP comprises a series of modifications to further improve the interior atmosphere. Materials are chosen carefully to avoid harmful fumes, and surfaces are smooth so they're easy to clean. On days when it's at least 10°C outside, opening the car by remote triggers a 60-second ventilation cycle. This results in cabin air approved by the Swedish Asthma and Allergy Association.

### Engine and cabin heater, fuel driven

A fuel-driven heater will make your car easier to start, help reduce environmental impact and warm up the cabin. Start the heater directly, or set the time you'd like to enter your warm and defrosted car. With a remote starter you can activate the heater without going out to the car. And if your car is equipped with Volvo On Call, you can send an SMS to your car from your mobile phone to start the heater.

### **COMFORT** Storage



### Front centre armrest, multifunctional

The central aisle of the cabin incorporates several facilities. Two cup holders are concealed by a roll-top cover. There's a handy storage space beneath the armrest, and special recesses for small items. Folding back the upper part of the armrest will provide a convenient table for the rear seat passengers. The armrest also features an AUX input and – depending on your choice of audio system – a USB port to connect your MP3 player to the car's audio system.

# Sunglass holder Fitted in place of an



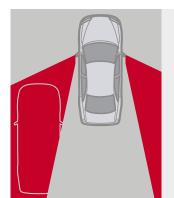
Fitted in place of any of the entry handles in the front, this holder keeps your glasses or sunglasses within reach.

# **TECH & SOUND**

Employing the latest information technology, your Volvo is prepared to support and entertain you at a very high level. Surround yourself and your friends with world-class sound and enjoy the innovations that help ensure your command of the road and the pleasure of travelling.



### TECH & SOUND Driver's support



### 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, this function can alert 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 10 km/h, and reacts to almost any type of vehicle from a motorcycle upwards, day or night.



### Park assist, rear and front

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. The remaining distance is also shown on the audio display.



### Rain sensor

Once activated, the rain sensor can start the windscreen wipers as soon as it begins to rain or if water splashes onto the windscreen. For your convenience, it can also automatically adapt the intermittent windscreen-wiper function. Its sensitivity can be adjusted via a ring on the wiper stalk.



### ► Park Assist Camera

If the car is equipped with RTI navigation and park assist camera, this helps display what's going on behind your car when reversing. The system uses the RTI screen and a camera discretely located over the license plate. On-screen guiding lines provide extra assistance for smooth parking.



### **TECH & SOUND** Driver's support

### Automatically dimmed inner rear-view mirror

This is a mirror that automatically adjusts itself to deflect the headlamp beams of the car behind you. When there's no light to dazzle you, it automatically readjusts to its normal setting. This can be supplemented with an integrated compass.

### Power foldable rear head restraints

Perfect for improving rear visibility when reversing, these are activated by the touch of a button from the driver's seat. The head restraints fold forwards so that rear-seat passengers notice and raise them again when entering the car.

### **TECH & SOUND** Communication



For minimum distraction, the integrated GSM phone allows you to make calls from your pre-programmed telephone book using the steering wheel integrated controls and the car's generous information display. You can also make calls using the keypad in the centre console. When the car is stationary, you can read and send SMS text messages. Communication and convenience are further enhanced by an integrated microphone and the audio system, while the SIM-card reader is easily reached inside the glove compartment. For more private conversations, there's an extra handset.



### Road and Traffic Information (RTI)

Volvo's GPS-based RTI navigation system is totally integrated with your car. It offers both voice guidance and graphic navigation all the way to your destination. Via TMC (Traffic Message Channel) radio data broadcasts RTI also lets you know if there's weather-related trouble on route and recommends an alternative. The RTI system is easily controlled from the steering wheel or a remote, and the screen is positioned so you can keep your attention on traffic. When not in use, the screen retracts into

The maps are on one DVD and cover major parts of Europe. To help you keep track of new roads and points of interest, you can join our MapCare programme for two free map updates.



### ▶ Bluetooth® handsfree system Bluetooth® technology enables a mobile phone to be connected to the

infotainment system in your Volvo, wirelessly. Once configured for a mobile phone, the system automatically recognises your phone as you enter the car. And as you climb in and out of the car, the system automatically allows you to switch freely from the phone to the handsfree system and back again. With Volvo's integrated Bluetooth® handsfree system you conveniently operate your phone using the buttons in the steering wheel or the centre console keypad. To further enhance your comfort and safety, you can also add Volvo On Call roadside assistance and emergency service. Available as an accessory, there's also a voice-controlled Bluetooth® handsfree system that will listen to your command and make calls for you.

Integrated Bluetooth® handsfree system

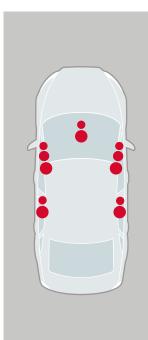
The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Volvo Car Corporation is under license. Other trademarks and trade names are those of their respective owners.



### ► Volvo's Portable Navigation System

This portable and powerful Garmin nüvi® 765 navigation unit integrates smoothly with the design of your Volvo. Just fit it into the docking unit in the middle of the dashboard. The wide bright touch screen is conveniently positioned in your field of vision. The system also features an MP3 player, currency converter, calculator and FM transmitter. The navigation unit is easy to carry with you and can also be used outside the car. Maps covering major parts of Europe are stored in memory. nüvi is a trademark of Garmin I td.

### TECH & SOUND Audio/Entertainment



### Premium Sound audio system

This is our top-of-the line audio system designed for dynamic clarity with the entire sound spectrum. This 5x130 W system features twelve high-end loudspeakers. In addition, Dolby® Pro Logic® II surround sound helps tailor a well-balanced audio experience for each occupant. Premium Sound includes:

- RDS radio
- MP3 and WMA compatible CD player
- USB and AUX input in front centre armrest
- 5x130 W digital class D amplifier
- Dolby® Pro Logic® II surround sound with centre loudspeaker and digital sound processor
- 12 high-end Premium Sound loudspeakers

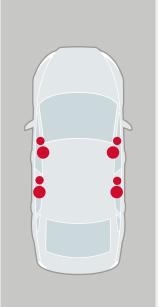
Options: steering wheel integrated controls, an integrated 6-CD changer, a rear seat audio console and Digital Audio Broadcasting (DAB).

Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories.

### **Premium Sound loudspeakers**

The twelve high-end loudspeakers in the Premium Sound system are powered by a 5x130 W digital amplifier. There are three separate drivers – woofer, midrange and tweeter – in each front door. In the rear doors there is a similar set-up. Each speaker has its own crossover filter to harmonise with the others. The latest generation Dolby® Pro Logic® II surround sound uses the centre loudspeakers (woofer and tweeter) and a sound processor to recreate authentic sound with a strong sense of presence for everyone in the car. The digital class D amplifier features new technology to provide extremely high efficiency, enabling it to generate the most audio power from the least amount of current.

Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories.

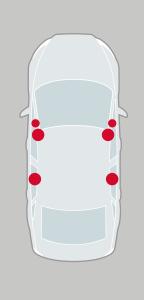


### High Performance audio system

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

- RDS radio
- MP3 and WMA compatible CD player
- USB and AUX input in front centre armrest
- 4x40 W amplifier
- 8 High Performance loudspeakers

Options: steering wheel integrated controls, integrated 6-CD changer, rear seat audio console and Digital Audio Broadcasting (DAB).



### Performance audio system

A console-integrated radio and CD player. It sounds good, looks good and it's easy to use. Performance equipment includes:

- RDS radio
- CD player
- AUX input in front centre armrest
- 4x20 W amplifier
- 6 loudspeakers

Option: steering wheel integrated controls. USB and iPod® Music Interface is available as an accessory.

### TECH & SOUND Audio/Entertainment



### Rear seat audio console

Sharing the experience doesn't necessarily mean everybody wants to listen to the same music. Incorporating sockets for personal headphones, the rear seat audio console allows passengers to adjust their own volume and choose between musical sources, songs or playlists.



### MP3 compatibility

There are a number of ways to enjoy MP3 music files in your Volvo. If you'd like to connect your personal MP3 player to the audio system, there's a standard auxiliary audio input in the front centre armrest. Volume is conveniently controlled from the steering wheel, centre console or rear seat audio console. Choosing the High Performance or Premium Sound audio system, there's also a USB port that allows you to fully integrate your iPod\*, MP3 player or USB device with the audio system. Playlists, songs and artists are clearly displayed in the centre console, while your player will be charged at the same time. These audio systems also feature an MP3 and WMA compatible CD player. For the Performance audio system, you can add a separate USB and iPod\* Music Interface (accessory) to connect your MP3 player.

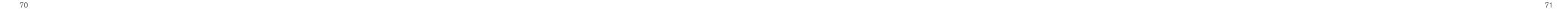
iPod is a trademark of Apple Computer Inc.



With Volvo's new generation DVD-based RSE dual screen, the rear seat passengers can enjoy a film or play a game – together or separately. Adding a digital TV receiver, passengers can also watch terrestrial TV broadcasts while travelling. Two 8-inch widescreen displays are integrated in the front seat head restraints and provide excellent image quality. Wireless headphones keep things calm in the cabin and you can listen to the music or program of your choice. Via an AUX input, you can also connect external devices such as an iPod®, MP3 player, extra DVD player or a digital camera. The RSE system is an integrated part of the car. It matches the interior perfectly and is available with all upholsteries.

### Digital Audio Broadcasting (DAB)

Available for High Performance and Premium Sound, a digital radio allows you to share the benefits of Digital Audio Broadcasting (DAB) – the standard for digital radio in Europe. In countries with DAB broadcasts, you'll have access to more radio channels, improved radio reception and near CD-quality sound.



# PACK & LOAD

A world champion in versatility, Volvo has a proud heritage in providing smart solutions for both cargo and passengers - without compromising safety or comfort. So whatever you need to expand your world and the capabilities of your Volvo, here you'll find some practical equipment to make it happen.



### PACK & LOAD Compartment

Foldable front seat backrest



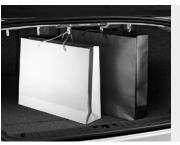
### Two-split 60/40 rear seat

Ergonomically designed rear seats provide generous support for the body during long journeys. Rear seat relaxation is further enhanced with generous legroom. For extra loadspace, just fold down part or all of the two-split rear seat. And if you want to carry extralong items without folding the rear seat, there's a convenient hatch in the rear centre armrest.



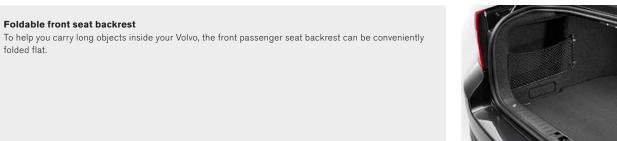
# **Grocery bag holder**

This integrated holder folds up from the boot floor to create an easily accessible space for shopping bags, sport bags and other gear - secured with hooks or an elastic strap. To gain access to the entire boot, just fold the holder flat into the floor.



### ▶ Shopping bag holder

A convenient solution to keep shopping bags from emptying themselves during the journey. Simply slip the handles of the bags over the sliding hooks under the back shelf.



### Luggage compartment mat, textile

This elegant textile mat allows you to maintain the attractive appearance of the luggage compartment even if you occasionally transport dirty loads. Reversible and waterproof, with colour-keyed textile on one side and plastic on the other.

### PACK & LOAD Carrying/Towing



### Roof load carrying system

To help you fully utilise the roof of your Volvo, we've developed a range of versatile load carrying accessories. This system is dimensioned to carry up to 100 kg. The factory-fitted attachment points in the car's roof make the load carriers easy to fit. Various load accessories - such as roof boxes and different holders for bikes, skis, surfboards and kayaks - can be attached to the load carriers to meet your needs. These accessories can be freely combined for flexibility and many are aerodynamically designed to help reduce fuel consumption and wind noise. And most of them can be locked with the same key, using Volvo's One-Key System.

### ► Towing equipment

A Volvo tow bar - fixed or removable - is the ultimate load accessory. The removable tow bar is easy to detach and refit when necessary. When not in use, it's completely out of the way. Automatic levelling adjusts the rear shock absorbers so the vehicle will maintain road holding, ground clearance and headlight angle. Adding a tow bar mounted bicycle holder, you can take up to four bikes (or two e-bikes) conveniently and safely on the back of your Volvo. Loading is easy, and the holder can be tilted to allow access to the load compartment.

### **Automatic levelling**

When you tow or carry a heavy load, automatic levelling adjusts the rear shock absorbers so the vehicle will maintain road holding, ground clearance and headlight angle.

# **PERFORMANCE**

In a Volvo, powertrain and chassis interact to strike the perfect balance between excitement and stability. And to further enhance the experience, additional technologies are available.

### **PERFORMANCE** Chassis/Steering



### Continuously Controlled Chassis Concept (Four-C)

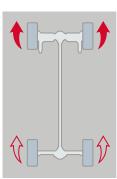
The Four-C active chassis provides a choice of three distinctive driving modes - Comfort, Sport or Advanced. Whichever you choose, this technology monitors the car, road and driver 500 times per second, simultaneously adjusting each shock absorber to maintain optimal handling. At the heart of Four-C is Volvo's semi-active suspension with continuously controlled Monroe-Öhlins shock absorbers. Furthermore, Four-C interacts with the DSTC system, engine, brakes and steering to promote your chosen handling style.

**Comfort** This chassis mode isolates the car's occupants from irregularities in the road surface. This setting prioritises flexible dampening for smooth and gentle body movement and exceptional comfort. It's ideal for slippery or uneven roads.

**Sport** For a sportier experience, this setting prioritises slightly stiffer dampening and acts faster. This results in more decisive body movement, precise handling and good ride comfort. Perfect for active driving.

Advanced This is the high performance mode. This setting stiffens the dampeners for maximum road contact - directly communicating the road surface to the driver. Prioritising immediate feedback rather than comfort, the advanced setting increases the range of driving dynamics.

### **PERFORMANCE** Chassis/Steering



### All-wheel drive with Instant Traction™

The advanced Haldex® AWD technology with Instant Traction™ helps increase driving stability and traction on all road surfaces. It has an electronic management system that constantly monitors the speed of the wheels, the throttle, engine torque, engine speed and the brakes. As driving conditions change, wheels with the best grip get the most power. When a tyre loses traction, power is reduced to that wheel and instantly transferred to the more sure-footed wheels.

### Chassis

The wide wheelbase and the advanced chassis promote balanced handling and a high level of comfort. The rigid body enables the Multi-link rear and McPherson spring strut front suspension to cope predictably and consistently with all types of roads. The front and rear suspensions also interact to provide stable braking and smooth steering. In a curve, the rear wheels have a slight steering facility for added stability and steering response.

### Speed dependent steering

Speed dependent and progressive power steering uses sophisticated, speed-sensitive technology to regulate the amount of power assistance a driver needs. At high-way speeds, steering is firmer and more immediate. When parking or in slow traffic, steering is light and effortless. There's a choice of three settings allowing you to choose a suitable level of road feel or steering sensitivity.

### Low Sports chassis

This chassis lowers the car by 20 mm for a sportier look and ride. What's more, firmer shock absorbers, stiffer anti-roll bars and specially-tuned automatic levelling further improve body control in all driving situations and make the car even more responsive on the road - without compromising on comfort or load capacity.

### Six-speed Geartronic automatic transmission

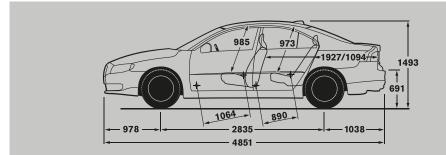
For the best of two worlds, there's the six-speed Geartronic – a responsive automatic that's ideal for relaxed driving, tough conditions or towing. This also allows manual gear shifting so you can maintain a lower gear to bring up the revs or for the added assistance of engine assures that you move off with confidence and grace. braking. A special winter setting makes it easier to move off and maintain grip on slippery surfaces. In the T6 AWD, this automatic also feature a sports mode for more active driving.

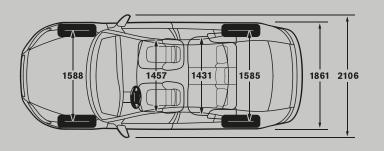
### Five- or six-speed manual transmission

The five- or six-speed all-synchromesh manual gearbox offers fluid and precise gear selection. The sixth gear further improves comfort and fuel economy on the motorway. The smooth action of the clutch

### Six-speed Powershift transmission

Featuring Powershift dual-clutch technology, this six-speed automatic can reduce fuel consumption by 8% compared to a conventional automatic. Gears are shifted instantaneously and torque is delivered without disruption. And if you want, you can also shift gears manually.





### **PERFORMANCE** Engines

### V8 AWD, eight-cylinder petrol engine (315 hp)

This highly compact V8 harmonises perfectly with the agile character of your Volvo. The sophisticated engine design, boasting continuously variable valve timing and variable intake system, promotes high performance, smooth running, and superior power from low revs. The full torque potential of 440 Nm is delivered at 3950 rpm, while at only 2000 rpm the engine delivers 370 Nm. There's ample power for overtaking quickly and safely, as well as for long and comfortable journeys. Advanced emission control featuring four catalytic converters reduces harmful emissions beyond the standards required by current legislation, such as Euro 5 and California's ULEV II, making this V8 one of the cleanest in its class.

### T6 AWD, six-cylinder turbocharged petrol engine (304 hp) 3.2 AWD and 3.2, six-cylinder petrol engine (238 hp)

These highly compact in-line six-cylinder petrol engines meet high expectations for performance, comfort and environmental care. Advanced engine technology, such as the variable geometry intake system in the 3.2 litre engine, 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 optimise efficiency. For even more power and exhilaration, there's the turbocharged 3.0 litre T6 engine. Twin-scroll turbo delivers immediate response already from low revs. 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 Euro 5.

### 2.5T, five-cylinder turbocharged petrol engine (231 hp)

This five-cylinder petrol engine with a turbocharger provides a lively yet beautifully balanced driving experience. Access to the engine's full potential (340 Nm) is available from just 1700 revs - for very quick starts and plenty of acceleration. Continuously Variable Valve Timing for both inlet and exhaust valves (dual CVVT) ensures excellent performance and cleaner exhaust emissions.

### 2.0T, four-cylinder direct injection turbo petrol engine (203 hp)

Featuring the latest direct injection turbo charger technology, this new generation 2.0-litre petrol engine makes it possible to combine supreme performance with low fuel consumption. Considerably increasing combustion efficiency, the fuel is injected with extreme precision. This together with Volvo's brake energy regeneration technology reduces CO<sub>2</sub> emissions, while the turbocharger gives this relatively small engine an extremely high torque (max 300 Nm). As driver, you'll enjoy instant engine response and a relaxed driving experience in all situations. such as Euro 5.

### 2.0, four-cylinder petrol engine (145 hp)

Matching perfectly with the dynamics of your Volvo, this 2.0-litre state-of-the-art four-cylinder petrol engine gives you the best of many worlds. As driver you'll enjoy the quick engine response and the relaxed engine character. Moreover, advanced engine management and intake system utilises fuel optimally.

### 2.5FT Flexifuel turbo, five-cylinder E85 bioethanol engine (231 hp)

These state-of-the-art Flexifuel engines don't compromise with performance, comfort and environmental care. When driving on E85 bioethanol, the net contribution of fossil carbon dioxide is considerably lower compared to petrol. Whether you choose the 2.5-litre five-cylinder emission requirements. turbo engine or the 2.0-litre normally aspirated four-cylinder engine, you'll enjoy the same quick engine response and relaxed engine character as of the corresponding petrol engine. The possibility of filling up with E85, petrol or any mix of those fuels offers superior flexibility. You fill up bioethanol in the same fuel tank as for the petrol. The engine adapts instantly to the fuel mix. For cold weather, you can add an electric engine heater.

2.0F Flexifuel, four-cylinder E85 bioethanol engine (145 hp)

### D5 AWD, five-cylinder turbodiesel (205 hp) D5, five-cylinder turbodiesel (205 hp) D3, five-cylinder turbodiesel (163 hp)

The latest generation five-cylinder D5 and D3 turbodiesels take performance, fuel efficiency and refinement to entirely new levels. Featuring the latest turbo and Piezo high-pressure injector technology, these inspiring five-cylinder state-of-the-art powerplants will give you access to supreme torque (max 420 or 400 Nm) across the rev range. Smooth running characteristics and low noise levels further enhance Of course, this engine complies with stringent environmental standards the experience. The all-new 2.0-litre single-turbo 163 hp D3 is optimised to reduce CO<sub>2</sub> emissions without compromising on comfort or performance - emitting only 134 g CO<sub>2</sub> per km it gives you access to max torque 400 Nm already from 1,400 rpm. Short stroke and reduced friction add to both responsive engine characteristics and high fuel efficiency (5.1 I/100 km). For a sportier driving experience with more power across the rev range, the 2.4-litre D5 features a sequential twin turbo. At low revs, a low pressure turbocharger engages to give instant power and a sharp take-off. At higher revs, a high-pressure turbocharger gradually takes over to provide fast overtaking. What's more, there are dual tail pipes for a sportier look. To further optimise fuel efficiency in all conditions, these engines also feature Volvo's CO<sub>2</sub> reducing brake energy generation technology. A maintenance-free particle filter effectively reduces soot particles in exhaust gases and advanced emission control contributes to low nitrogen oxide levels - these engines already comply with stringent, upcoming Euro 5 exhaust

### DRIVe, four-cylinder turbodiesel engine (109 hp)

Take advantage of the benefits of supreme fuel economy and ultra-low CO<sub>2</sub> emissions (under 120 g/km) without any trade-offs in comfort, safety or performance. Volvo's highly efficient 1.6-litre turbodiesel DRIVe features advanced diesel engine technology such as common rail direct injection and variable turbine geometry to provide high torque across the rev range and assure a rewarding driving experience in all conditions. A gearshift indicator helps you drive the most efficient way. The engine's low weight contributes to low fuel consumption and well-balanced road behaviour. All Volvo turbodiesels meet strict environmental demands and feature a particle filter that effectively reduces soot particles in exhaust gases.

### PERFORMANCE Engines

|   | V8 AWD               | T6 AWD                           | 3.2 AWD              | 3.2                  | 2.5T                                     | 2.0T                                     |
|---|----------------------|----------------------------------|----------------------|----------------------|--|--|
| Engine type:  | 4.4L V8 petrol       | 3.0L I6 petrol twin-scroll turbo | 3.2L I6 petrol       | 3.2L I6 petrol       | 2.5L I5 petrol turbo                     | 2.0L I4 petrol turbo                     |
| Transmission:   | Six-speed Geartronic | Six-speed Geartronic             | Six-speed Geartronic | Six-speed Geartronic | Six-speed manual or six-speed Geartronic | Six-speed manual or six-speed Powershift |
| Fuel consumption, litres/100 km, mixed cycle, man/auto, AWD man/auto: | -/12.1               | -/10.2                           | -/9.6                | -/8.9                | 8.6/9.6                                  | 7.9/8.3                                  |
| CO <sub>2</sub> g/km, man/auto,<br>AWD man/auto:                      | -/284                | -/244                            | -/224                | -/208                | 206/229                                  | 184/193                                  |
| Max. power output, kW (hp) at rpm:                                    | 232 (315) 5950       | 224 (304) 5600                   | 175 (238) 6200       | 175 (238) 6200       | 170 (231) 4800                           | 149 (203) 6000                           |
| Max. torque, Nm at rpm:   | 440/3950             | 440/2100-4200                    | 320/3200             | 320/3200             | 340/1700-4800                            | 300/1750-4000                            |
| Acceleration, 0-100 km/h in sec, man/auto, AWD man/auto:              | -/6.5                | -/X.X*                           | -/X.X*               | -/X.X*               | 7.3/7.5                                  | 7.9/8.5                                  |
| Top speed km/h, man/auto,<br>AWD man/auto:                            | -/250                | -/250                            | -/235                | -/240                | 240/235                                  | 235/230                                  |
| Fuel tank, litres:  | 70                   | 70                               | 70                   | 70                   | 70                                       | 70                                       |
| Environmental classification:   | Euro 5 (2011)        | Euro 5 (2011)                    | Euro 5 (2011)        | Euro 5 (2011)        | Euro 5 (2011)                            | Euro 5 (2011)                            |

|   | 2.0               | 2.5FT                                    | 2.0F                                      | D5/D5 AWD                                | D3                                       | DRIVe                           |
|---|-------------------|--|---|--|--|---------------------------------|
| Engine type:  | 2.0L I4 petrol    | 2.5L I5 Flexifuel turbo                  | 2.0L I4 Flexifuel                         | 2.4L I5 common rail twin-<br>turbodiesel | 2.0L I5 common rail turbodiesel          | 1.6L I4 common rail turbodiesel |
| Transmission:   | Five-speed manual | Six-speed manual or six-speed Geartronic | Five-speed manual or six-speed Powershift | Six-speed manual or six-speed Geartronic | Six-speed manual or six-speed Geartronic | Five-speed manual               |
| Fuel consumption, litres/100 km, mixed cycle, man/auto, AWD man/auto: | 8.3/-             | 8.6**/9.6**                              | 8.3**/8.5**                               | 6.2/6.7<br>-/7.3                         | 5.1/5.8                                  | 4.5/-                           |
| CO <sub>2</sub> g/km, man/auto,<br>AWD man/auto:                      | 199/-             | 206***/229***                            | 199***/203***                             | 164/178<br>-/194                         | 134/154                                  | 119/-                           |
| Max. power output, kW (hp) at rpm:                                    | 107 (145) 6000    | 170 (231) 4800                           | 107 (145) 6000                            | 151 (205) 4000                           | 120 (163) 3000                           | 80 (109) 4000                   |
| Max. torque, Nm at rpm:   | 190/4500          | 340/1700-4800                            | 190/4500                                  | 420/1500-3250                            | 400/1400-2750                            | 240/1750                        |
| Acceleration, 0-100 km/h in sec, man/auto, AWD man/auto:              | 10.9/-            | 7.3/7.5                                  | 10.9/11.3                                 | 8.0/8.5<br>-/8.5                         | X.X/X.X*                                 | 12.4/-                          |
| Top speed km/h, man/auto,<br>AWD man/auto:                            | 205/-             | 240/235                                  | 205/195                                   | 230/230<br>-/225                         | 215/210                                  | 190/-                           |
| Fuel tank, litres:  | 70                | 70                                       | 70  | 70                                       | 70                                       | 70                              |
| Environmental classification:   | Euro 4 (2005)     | Euro 5 (2011)                            | Euro 4 (2005)                             | Euro 5 (2011)                            | Euro 5 (2011)                            | Euro 4 (2005)                   |

Technical data may be subject to change. Please talk to your Volvo dealer for the latest information. All technical data is preliminary. \*Technical data not available at the time of printing

N.B. The contents in the equipment levels may vary from country to country. Please ask your Volvo dealer for further information.

# Votes

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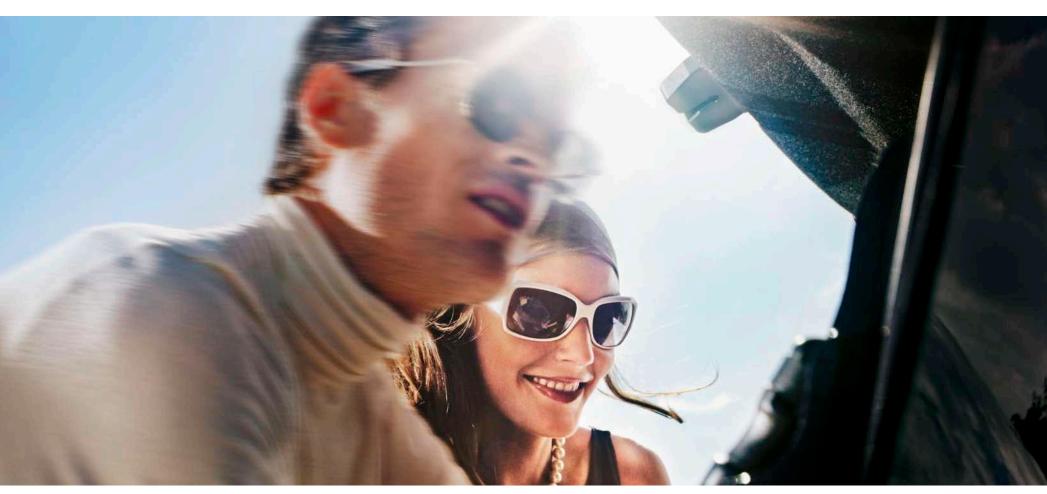
<sup>\*\*</sup>As bioethanol contains less energy than petrol fuel consumption is about 40% higher.

<sup>\*\*\*</sup>Running on E85 bioethanol, the net contribution of fossile carbon dioxide is considerably lower compared to petrol.

Please note: Some of the information in this brochure may be incorrect due to changes in product specifications that may have occurred since printing. Some of the equipment described or shown may now only be available at extra cost. Before ordering, please ask your Volvo dealer for the latest information. The manufacturer reserves the right to make changes at any time and without notice, to prices, colours, materials, specifications and models.

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