

# VÄLKOMMEN!

We hope you will enjoy many years of driving pleasure in your Volvo.

The car has been designed for the safety and comfort of you and your passengers. Volvo strives to build one of the safest cars in the world. Your Volvo is also designed to meet applicable safety and environmental requirements.

To increase your enjoyment of your Volvo, we recommend that you read the instructions and maintenance information in this owner's

We encourage everyone to always wear their seatbelt in this and other cars. Please do not drive if you are under the influence of alcohol or medication – or have an impaired ability to drive in some other way.

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Alphabetical Index

**OWNER'S INFORMATION**

Owner information Owner's information is available in several different product formats, both digital and printed. The owner's manual is available in the car's centre display, as a mobile app and on the Volvo Cars support site. There is a Quick Guide and a supplement to the owner's manual available in the glovebox, with specifications and fuse information, amongst other things. A printed owner's manual can be ordered.

#### The car's centre display<sup>1</sup>

In the centre display, drag down the top view and tap on Owner's manual. Available here are options for visual navigation with exterior and interior images of the car. The information is searchable and is also divided into categories.

Mobile app In App Store or Google Play, search for "Volvo Manual", download the app to your smartphone or tablet and select the car. Available in the app are video tutorials and options for visual navigation with exterior and interior images of the car.

The content is searchable, and the various sections are designed to facilitate navigation.

Volvo Cars support site Go to [support.volvocars.com](http://support.volvocars.com) and select your country. Here you can find owner's manuals, both online and in PDF format. On the Volvo Cars support site there are also video tutorials and further information and help regarding your Volvo and your car ownership. The page is available for most markets.

Printed information There is a supplement to the owner's manual<sup>1</sup> in the glove box that contains information on fuses and specifications, as well as a summary of important and practical information.

There is also a Quick Guide available in printed format that helps you to get started with the most commonly used functions in the car.

Depending on equipment level selected, market, etc. additional owner's information may also be available in printed format in the car.

A printed owner's manual and associated supplement can be ordered. Contact a Volvo dealer to order.

<sup>1</sup> A complete printed manual is included with the car for markets without owner's manual in the centre display.

## OWNER'S INFORMATION

### IMPORTANT

The driver is always responsible that the vehicle is driven safely in traffic and that applicable laws and regulations are followed. It is also important that the car is maintained and handled in accordance with Volvo's recommendations in the owner's information.

If there should be a difference between the information in the centre display and the printed information then it is always the printed information that applies.

## NOTE

Changing the language in the centre display may mean that some owner's information is not compliant with national or local laws and regulations. Do not switch to a language that is difficult to understand as this may make it difficult to find your way back through the screen structure.

Related information Owner's manual in centre display (p. 19) Owner's Manual in mobile devices (p. 22) Volvo Cars support site (p. 23) Reading the owner's manual (p. 23)

### Owner's manual in centre display

A digital<sup>2</sup> version of the owner's manual is available in the car's centre display.

The digital owner's manual can be accessed from the top view, and in some cases the contextual owner's manual can also be accessed from the top view.

## NOTE

The digital owner's manual is not available while driving.

### Owner's manual

Top view with button for owner's manual.

To open the owner's manual - drag down the top view in the centre display and tap on Owner's manual.

The information in the owner's manual can be accessed directly via the owner's manual homepage or its top menu.

<sup>2</sup> Applies for most markets.

## OWNER'S INFORMATION

### Contextual owner's manual

Top view with button for contextual owner's manual.

The contextual owner's manual is a shortcut to an article in the owner's manual that describes the active function shown on the screen.

When the contextual owner's manual is available, it is shown to the right of Owner's manual in the top view.

Tapping on the contextual owner's manual therefore opens an article in the owner's manual that is related to the content that is shown on the screen. E.g. tap on Navigation Manual – an article that is related to navigation opens.

This only applies to some of the apps in the car. For downloaded third party apps, for example, it is not possible to access app specific articles.

Related information Navigate in the owner's manual in the centre display (p. 20) Navigating in the centre display's views (p. 111) Downloading apps (p. 517)

Navigate in the owner's manual in the centre display The digital owner's manual can be accessed from the centre display top view in the car.

The content is searchable. and the various sections are designed to facilitate navigation.

The owner's manual is accessed from the top view.

To open the owner's manual - drag down the top view in the centre display and tap on Owner's manual.

There is a range of different options for finding information in the owner's manual. The options can be accessed from the owner's manual homepage and from the top menu.

## OWNER'S INFORMATION

Opening the menu in the top menu Press in the upper list in the owner's manual. > A menu with different options for finding information is opened:

### Homepage

Tap on the symbol to go back to the start page in the owner's manual.

### Categories

The articles in the owner's manual are structured into main categories and subcategories. The same article can be found in several appropriate categories so that it can be found more easily.

Press Categories. > The main categories are shown in a list.

Tap on a main category ( > A list of subcategories ( ) and articles ) is shown.

Tap on an article to open it.

To go back. press the back arrow.

### Quick Guide

Press the symbol to access a page with links to a selection of articles that can be useful to read in order to get to know the more common functions of the car. The articles can also be accessed via categories. but are collected here for faster access. Tap on an article in order to read it in its entirety.

### Hotspots for exterior and interior

Exterior and interior overview images of the car. Different parts are designated with hotspots that lead to articles about those parts of the car.

Press Exterior or Interior. > Exterior or interior images are shown with so-called hotspots in place. The hotspot leads to articles about the corresponding part of the car. Swipe horizontally over the screen to browse among the images.

Tap on a hotspot. > The title of the article about the area is shown.

Tap on the title to open the article.

To go back, press the back arrow.

## Favourites

Press the symbol to access the articles saved as favourites. Tap on an article in order to read it in its entirety.

Saving or deleting articles as favourites Save an article as favourite by pressing at the top right when an article is open. When an article has been saved as a favourite the star is filled in:

To remove an article as a favourite, press the star again in the current article.

## Video

Press the symbol to view brief instruction videos for various functions in the car.

## OWNER'S INFORMATION

### Information

Tap on the symbol to obtain information about which version of the owner's manual is available in the car as well as other useful information.

Using the search function in the top menu

Tap on in the top menu of the owner's manual. A keyboard appears in the lower part of the screen.

Type in a keyword, such as "seatbelt". > Suggestions for articles and categories are shown while letters are being entered.

Tap on the article or category to access it.

Related information Owner's manual in centre display (p. 19) Keyboard in centre display (p. 122) Reading the owner's manual (p. 23)

Owner's Manual in mobile devices The owner's manual is available as a mobile app<sup>3</sup> from both the App Store and Google Play. The app is adapted for smartphones and tablets.

The owner's manual can be downloaded as a mobile app from the App Store or Google Play. The QR code provided here takes you directly to the app. Alternatively, you can search for "Volvo manual" in the App Store or Google Play.

The app contains a video along with exterior and interior images where different parts of the car are highlighted with so-called hot spots, which lead to articles about the area in question. The content is searchable, and the

The mobile app is available from both the App Store and Google Play.

Related information Reading the owner's manual (p. 23)

<sup>3</sup> For certain mobile devices.

## OWNER'S INFORMATION

+ Option/accessory.

Volvo Cars support site More information on your car is available on the Volvo Cars website and support site.

Support on the Internet Go to [support.volvocars.com](http://support.volvocars.com) to visit the site.

The support site is available for most markets.

It contains support for functions such as web based services and functions. Volvo On Call\*, the navigation system\* and apps. Videos and step-by-step instructions explain different procedures. e.g. how to connect the car to the Internet via a mobile phone.

Downloadable information

Maps For cars equipped with Sensus Navigation there is the facility to download maps from the support page.

Owner's manuals as PDF Owner's manuals are available for download in PDF format. Select car model and model year to download the manual as required.

Contact The support site contains contact details to customer support and your nearest Volvo retailer.

Log in to Volvo Cars website Create a personal Volvo ID and log in to [www.volvocars.com](http://www.volvocars.com). When you have logged

Related information Volvo ID (p. 28)

Reading the owner's manual To help you get to know your new car. read the Owner's Manual before you drive it for the first time.

Reading the owner's manual is a way to become familiar with new functions. get advice on how to handle the car in different situations and learn how to make use of all the car's features. Please pay attention to the safety instructions contained in the owner's manual.

The intention of this owner's information is to explain all possible functions. options and accessories included in a Volvo vehicle. It is not intended as an indication or guarantee that all of these features. functions and options are included in every vehicle. Some terminology used may not exactly match terminology used in sales. marketing and advertising materials.

Development work is constantly underway in order to improve our product. Modifications may mean that information. descriptions and illustrations in the owner's manual differ from the equipment in the car. We reserve the right to make modifications without prior notice.

Do not remove this manual from the car - if problems should arise then the necessary information about where and how to seek professional help will be missing.

+ Volvo Car Corporation

OWNER'S INFORMATION

+ Option/accessory.

Options/accessories In addition to standard equipment, the owner's manual also describes options (factory fitted equipment) and certain accessories (retrofitted extra equipment).

All, at the time of publication known, options and accessories are marked with an asterisk:

The equipment described in the owner's manual is not available in all cars - they have different equipment depending on adaptations for the needs of different markets and national or local laws and regulations.

In the event of uncertainty over what is standard or an option/accessory, contact a Volvo dealer.

Special texts

**WARNING**

Warning texts appear if there is a risk of injury.

**IMPORTANT**

"Important" texts appear if there is a risk of damage.

**NOTE**

NOTE texts give advice or tips that facilitate the use of e.g. features and functions.

Decals The car contains different types of decal which are designed to convey important information in a clear manner. The decals in the car have the following descending degree of importance for the warning/information.

Warning of personal injury

Black ISO symbols on yellow warning field, white text/image on black message field.

Used to indicate the presence of danger which, if the warning is ignored, may result in serious personal injury or fatality.

Risk of property damage

White ISO symbols and white text/image on black or blue warning field and message field.

Used to indicate the presence of danger which, if the warning is ignored, may result in damage to property.

**OWNER'S INFORMATION**

Information

White ISO symbols and white text/image on black message field.

**NOTE**

It is not intended that the decals illustrated in the owner's manual should be exact replicas of those in the car. They are included to show their approximate appearance and location in the car. The information that applies to your particular car is available on the respective decals for your car.

Illustrations and video clips Illustrations and video clips used in the owner's manual are sometimes schematic and are intended to provide an overall picture or example of a certain function. They may devi

Related information Owner's manual in centre display (p. 19) Owner's Manual in mobile devices (p. 22) Volvo Cars support site (p. 23)

The owner's manual and the environment The Owner's Manual is printed on paper originating from controlled forests.

The Forest Stewardship Council (FSC)<sup>®</sup> symbol shows that the paper pulp in a printed owner's manual comes from FSC-certified forests or other controlled sources.

Related information Drive-E - cleaner driving pleasure (p. 30)

## YOUR VOLVO

+ Option/accessory.

Volvo ID Volvo ID is a personal ID that gives access to a wide range of services via a single user name and password.

### NOTE

The services available may vary over time and depend on equipment level and market.

Examples of services: Volvo On Call app\* – check the car with your phone. For example, you can check fuel level, show the nearest petrol station and lock the car remotely. Send to Car – send addresses from map services on the Web, directly to the car. Book service and repair – register a work shop/dealer at [volvocars.com](http://volvocars.com) and book service directly from the car.

### NOTE

If the username/password for a service (e.g. Volvo On Call) is changed, then it is also changed automatically for other services.

Volvo ID is created from the car, [volvocars.com](http://volvocars.com) or the Volvo On Call app<sup>1</sup>.

When a Volvo ID is registered in the car, several services will be made available. Several Volvo IDs can be used for the same car and several cars can even be connected to the same Volvo ID.

Related information Creating and registering a Volvo ID (p. 28) Book service and repair (p. 623)

Creating and registering a Volvo ID It is possible to create a Volvo ID in different ways. If the Volvo ID is created at [volvocars.com](http://volvocars.com) or with Volvo On Call app<sup>2</sup>, the Volvo ID must also be registered to the car to enable use of the various Volvo ID services.

Create a Volvo ID with the Volvo ID app

Download the Volvo ID app from Download Centre in the centre display's app view.

Start the app and register a personal email address.

Follow the instructions that are automatically sent to the specified email address. > A Volvo ID has now been created and automatically registered to the car.

Volvo ID services can now be used.

Create a Volvo ID on the Volvo Cars website

Go into [www.volvocars.com](http://www.volvocars.com) and log in<sup>3</sup>

Enter a personal email address.

Follow the instructions that are automatically sent to the specified email address. > A Volvo ID has now been created. Read below to learn how to register the ID to the car.

<sup>1</sup> If you have Volvo On Call\*.

YOUR VOLVO

+ Option/accessory.

Create a Volvo ID with the Volvo On Call app<sup>4</sup>

Download the latest version of the Volvo On Call app to the phone. via e.g. App Store. Windows Phone or Google Play.

Select to create Volvo ID.

The web page for creating a Volvo ID opens. Fill in the requested information.

Tick the box to accept the terms and conditions.

Press the button that creates your Volvo ID.

An e-mail message is sent to the address given. Confirm that the address is correct. > Now the Volvo ID is ready to use.

Registering your Volvo ID to the car If you created your Volvo ID via the web or the Volvo On Call app. register it to your car as follows:

If not done already. download the Volvo ID app from Download Centre in the centre display's app view.

NOTE

To download apps. the car must be connected to the Internet.

Start the app and enter your Volvo ID/your email address.

Follow the instructions that are automatically sent to the email address linked to your Volvo ID. > Your Volvo ID is now registered to the car. Volvo ID services can now be used.

Related information Volvo ID (p. 28) Downloading apps (p. 517) Managing system updates via the Download Centre (p. 621) Internet-connected car\* (p. 549)

<sup>2</sup> Only applies to certain markets.

3 Available on certain markets.

4 Cars with Volvo On Call\*.

## YOUR VOLVO

Drive-E - cleaner driving pleasure Volvo Car Corporation is constantly working on the development of safer and more efficient

Environmental care is one of Volvo Cars' core values and influences all operations. The environmental work is based on the whole life cycle of the car and takes into account the environmental impact it has, from design to scrapping and recycling. Volvo Cars' basic principle is that every new product developed must have less impact on the environment than the product it replaces.

Volvo's environmental management work has resulted in the development of more effective and less polluting drivelines Drive-E. Personal environment is also important to Volvo - the

Your Volvo complies with stringent international environmental standards. All Volvo's manufacturing units must be ISO 14001 certified, and this supports a systematic approach to the operation's environmental issues, which leads to continuous improvement with reduced environmental impact. Holding the ISO certificate also means that environmental laws and regulations in force are complied with. Volvo also requires that its partners must also meet these requirements.

Fuel consumption Since a large part of a car's total environmental impact stems from its use, the emphasis of Volvo Cars' environmental work is on reducing fuel consumption, carbon dioxide emissions and other air pollutants. Volvo cars have competitive fuel consumption in each of their respective classes. Lower fuel consumption generally results in lower emission of the greenhouse gas, carbon dioxide.

## YOUR VOLVO

+ Option/accessory.

Contributing to a better environment An energy-efficient and economical car can contribute to reduced environmental impact and also involve reduced costs for the owner of the car. As the driver, it is easy to reduce fuel consumption and thereby save money and contribute to a better environment - here is some advice: Plan for an effective average speed.

Speeds above approx. 80 km/h (approx. 50 mph) and below 50 km/h (approx.

30 mph) lead to increased energy consumption. Follow the Service and Warranty Book let's recommended intervals for service and maintenance of the car. Avoid letting the engine idle - switch off the engine when stationary for longer periods. Pay attention to local regulations. Plan the journey - a lot of unnecessary stops and uneven speed contribute to increased fuel consumption. Use preconditioning - it can improve the range of the hybrid battery and reduce the energy requirement while driving.

Also remember to always dispose of environmentally hazardous waste, such as batteries and oil, in an environmentally safe manner.

Consult a workshop in the event of uncertainty about how this type of waste should be dis

**Efficient emission control** Your Volvo is manufactured following the concept "Clean inside and out" – a concept that encompasses a clean interior environment as well as highly efficient emission control. In many cases the exhaust emissions are well below the applicable standards.

**Clean air in the passenger compartment** An air filter helps prevent dust and pollen entering the passenger compartment via the air intake.

The Interior Air Quality System (IAQS)\* ensures that the incoming air is cleaner than the air in the traffic outside.

The system cleans the air in the passenger compartment from contaminants such as particles, hydrocarbons, nitrous oxides and ground-level ozone. If the outside air is contaminated then the air intake is closed and the air is recirculated. Such a situation may arise in heavy traffic, queues and tunnels for example.

IAQS is a part of the Clean Zone Interior Package (CZIP)\*, which also includes a function that allows the fan to start when the car is unlocked with the remote control key.

**Interior** The material used in the interior of a Volvo is carefully selected and has been tested in order to be pleasant and comfortable. Some of the details are hand-made, such as the seams of the steering wheel that are sewn by hand. The interior is monitored in order not to emit strong odours or substances that cause discomfort in the event of e.g. high heat and bright light.

**Volvo workshops and the environment** Regular maintenance creates the conditions for a long service life and low fuel consumption for your car. In this way you also contribute to a cleaner environment. When Volvo's workshops are entrusted with the service and maintenance of your car it becomes part of Volvo's system. Volvo makes clear demands regarding the way in which workshop premises shall be designed in order to prevent spills and discharges into the environment. The workshop staff have the knowledge and the tools required to guarantee good environmental care.

**Recycling** Since Volvo works from a life cycle perspective, it is also important that the car is recycled in an environmentally sound manner. Almost all of the car can be recycled. The last owner of the car is therefore requested to contact a retailer for referral to a certified/approved recycling facility.

YOUR VOLVO

Related information Fuel consumption and CO<sub>2</sub> emissions (p. 692) Economical driving (p. 481) Start and switch off preconditioning (p. 224) The owner's manual and the environment (p. 25) Air quality (p. 202)

YOUR VOLVO

+ Option/accessory.

IntelliSafe – driver support and safety IntelliSafe is the Volvo Cars concept for car safety. IntelliSafe comprises a number of systems<sup>5</sup>, whose purpose is to make a car journey safer, to prevent injuries and to protect passengers and other road users.

## WARNING

The functions are supplementary aids they cannot handle all situations in all conditions.

The driver always bears responsibility that the vehicle is driven safely and that applicable road traffic rules and regulations are followed.

Support With the aim of assisting the driver to drive the car in a safer way, IntelliSafe has the following functions. Active main beam Tunnel detection Pilot Assist

+Cross Traffic Alert

+Blind Spot Information Park Assist\* Park Assist Pilot\*

Park assist camera\* Road Sign Information\* Electronic stability control Roll Stability Control Speed limiter\* Cruise control Adaptive cruise control\* Rear Collision Warning Driver Alert Control All-wheel drive<sup>6</sup>

Prevention With the aim of assisting the driver to avoid an accident, IntelliSafe has the following functions. City Safety Distance Warning\* Lane assistance Collision Avoid. Assistance

Protection With the aim of protecting the driver and passengers in certain situations in the event of an accident, IntelliSafe has the following collaborative functions.

Whiplash Protection System Seatbelts with seatbelt tensioners Airbags

## NOTE

Read the individual sections on each system in order to fully understand the functions and learn about important warnings.

Related information Active main beam (p. 152) Safety (p. 44) Driving support systems (p. 284)

<sup>5</sup> Some of the systems are fitted as standard, while others are options. This may vary depending on market, model year and car model.

<sup>6</sup> All Wheel Drive

## YOUR VOLVO

+ Option/accessory.

Sensus - online connectivity and entertainment Sensus makes it possible to use different types of apps and turn the car into a Wi-Fi hotspot.

This is Sensus

Sensus offers an intelligent interface and online connectivity with the digital world. An intuitive navigation structure makes it possible to receive relevant support, information and entertainment when it is necessary, without distracting the driver.

Sensus covers all solutions in the car that are connected with entertainment, online connectivity, navigation\* and the user interface between driver and car. It is Sensus that makes communication possible between you, the car and the outside world.

Information when it is needed, where it is needed The different displays in the car provide information at the right time. The information is shown in different locations based on how it should be prioritised by the driver.

#### YOUR VOLVO

+ Option/accessory.

Different types of information are shown in different displays depending on how the information should be prioritised.

#### Head-up display\*

The head-up display shows selected information that the driver should deal with as soon as possible. Such information may, for example,

#### Driver display

The driver display shows information on speed and e.g. incoming calls or song tracks being

#### YOUR VOLVO

+ Option/accessory.

#### Centre display

Many of the main functions of the car are controlled from the centre display, a touch screen which reacts to touch. The number of physical buttons and controls in the car is therefore minimal. The screen can even be operated while wearing gloves.

From here, for example, you can control the climate control system, the entertainment system and seat position\*. The information that is shown in the centre display can be acted on by the driver or someone else in the car when the opportunity arises.

#### Voice recognition system

The voice recognition system can be used without the driver needing to take his/her hands off the steering wheel.

The system can understand natural speech. Use voice recognition to, for example, play back a song, call someone, increase the temperature or read out a text message.

Related information Head-up display\* (p. 138) Driver display (p. 79) Overview of centre display (p. 105) Voice recognition (p. 141) Internet-connected car\* (p. 549) Sharing Internet access from the car via a Wi-Fi hotspot (p. 553)

## YOUR VOLVO

**Software updates** So that you as a Volvo customer get the best experience of your car. Volvo continuously develops the systems in the cars and the services that you are offered.

You can update the software in your Volvo to the latest version when your car is serviced at an authorised Volvo dealer. The latest software update allows you to benefit from available improvements, including improvements from earlier software updates.

For more information about released updates and answers to frequently asked questions, please go to [support.volvocars.com](http://support.volvocars.com).

## NOTE

Functionality after updating may vary depending on market, model, model year and options.

Related information Sensus - online connectivity and entertainment (p. 34) Managing system updates via the Download Centre (p. 621)

**Recording data** As part of Volvo's safety and quality assurance, certain information about the vehicle's operation, functionality and incidents are recorded in the car.

This vehicle is equipped with an "Event Data Recorder" (EDR). Its primary purpose is to register and record data related to traffic accidents or collision-like situations, such as times when the airbag deploys or the vehicle strikes an obstacle in the road. The data is recorded in order to increase understanding of how vehicle systems work in these types of situations.

The EDR is designed to record data related to vehicle dynamics and safety systems for a short time, usually 30 seconds or less.

The EDR in this vehicle is designed to record data related to the following in the event of traffic accidents or collision-like situations: How the various systems in the car worked Whether the driver and passenger seat belts were fastened/tensioned The driver's use of the accelerator or brake pedal The travel speed of the vehicle

This information can help us understand the circumstances in which traffic accidents, injuries and damage occur. The EDR only records data when a non-trivial collision situation

In addition to the EDR, the car is equipped with a number of computers designed to continually check and monitor the function of the car. They can record data during normal driving conditions, but in particular register faults affecting the vehicle's operation and functionality, or upon activation of the vehicle's driver support function (e.g. City Safety and the auto brake function).

Some of the recorded data is required to enable service and maintenance technicians to diagnose and remedy any faults that occurred in the vehicle. The registered information is also needed to enable Volvo to satisfy legal requirements laid out in laws and by government authorities.

Information registered in the vehicle is stored in its computer until the vehicle is serviced or repaired.

**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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