



XC 90

TWIN ENGINE

QUICK GUIDE

VÄLKOMMEN!

This Quick Guide describes a selection of the functions in your Volvo. More detailed owner's information is available in the car, in the app and on the web.



THE CAR'S CENTRE DISPLAY

The owner's manual is available in the car's centre display, where it can be accessed via the top view.



MOBILE APP

The owner's manual is available as an app (Volvo Manual) for smartphones and tablets. The app also contains video tutorials for selected functions.



VOLVO'S SUPPORT SITE

The Volvo Cars support site (support.volvocars.com) contains manuals and video tutorials, as well as additional information and assistance for your Volvo and your car ownership.



PRINTED INFORMATION

There is a supplement to the owner's manual in the glovebox that contains information on fuses and specifications, as well as a summary of important and practical information. A printed owner's manual and associated supplement can be ordered.

CONTENTS

01. GET TO KNOW YOUR VOLVO

In this chapter you can find information about how to get started with your Volvo and you get an overview of the inside and outside as well as the centre display.

02. CHARGING

This chapter describes the car's charging status, how you operate the charging unit, and the different symbols in the driver display.

03. INTERIOR AND CONNECTIONS

Here you can read about seat settings, steering wheel buttons and levers, the car's passenger compartment climate control, Internet connection, Bluetooth connections, etc.

04. THE CENTRE DISPLAY'S VIEWS

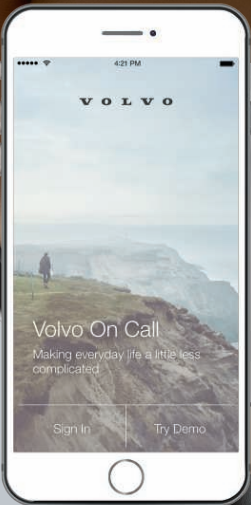
Here you can find information on the centre display's various main views. You can use them to control many of the car's functions.

05. SMART DRIVING

This chapter describes the various functions that the car has to support your driving, as well as some tips for how you can enjoy a purer driving experience.

06. SPECIAL TEXTS

Warning, important and note texts, which must be read.



GETTING STARTED

To get started with your Volvo in the best possible way there are several functions, terms and tips that can be useful to know about.

Volvo ID

Volvo ID is a personal ID that gives access to several services online¹. Some examples are My Volvo - a personal website for you and your car, Volvo On Call*, map services and the option to book service and repair. You can create a Volvo ID via My Volvo, the Volvo On Call app or directly in your car.

Sensus

Sensus is the car's intelligent interface and covers all solutions in the car associated with entertainment, Internet connection, navigation* and information services. It is Sensus that makes possible the communication between you, the car and the outside world.

Volvo On Call*

Volvo On Call is a built-in assistance system with an app that gives you the facility to control your Volvo remotely. With the Volvo On Call app you can, amongst other things, precondition the car before driving, lock/unlock your car, see where it is parked, log journeys and receive theft warnings. Download the Volvo On Call app to get started.

Volvo On Call also includes roadside assistance and emergency assistance using the **ON CALL** and **SOS** buttons in the car's roof console.

Driver profiles

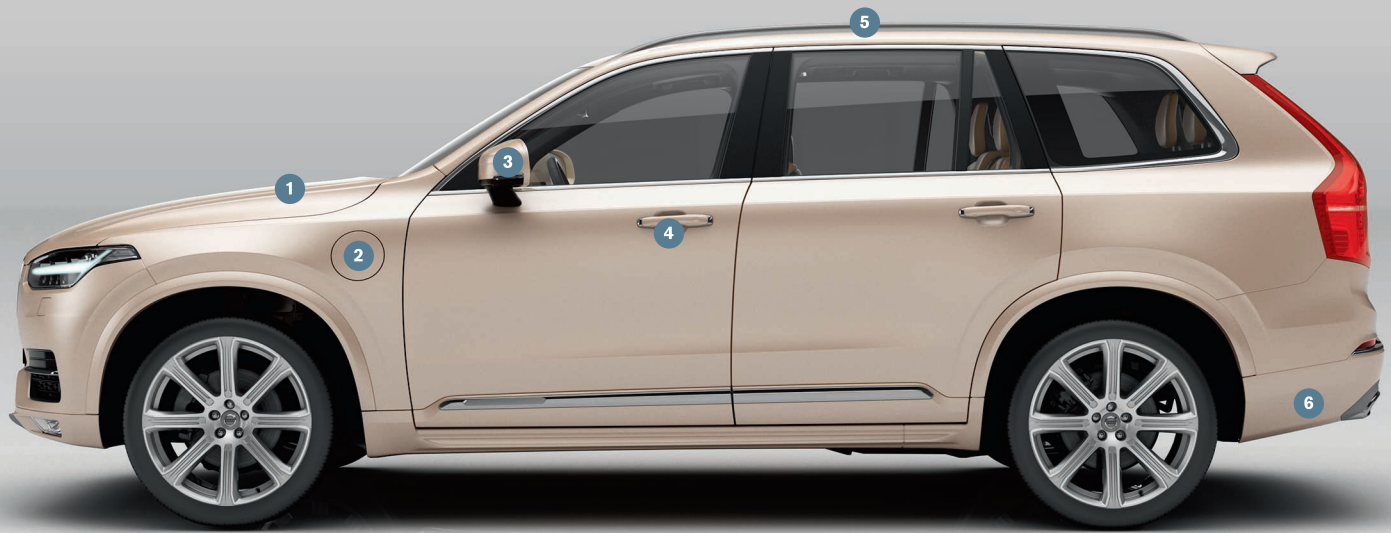
Many of the settings made in the car can be adapted according to the driver's personal preferences and can then be saved in one or more driver profiles. Each key can be linked to a driver profile.

Activate and set driver profiles in the centre display's top view: **Settings**
→ **System** → **Driver Profiles**.

Preconditioning before you travel


Make it a habit to always precondition the car before departure. It increases the range and reduces the wear on the car, while at the same time you get a comfortable passenger compartment temperature. From the centre display's climate view, select the **Parking climate** tab or activate the function via the Volvo On Call app.

¹ The services vary depending on the car's configuration and market.



OVERVIEW, EXTERIOR

- 1 Checking the engine oil level and tyre pressures** is performed from the **Car status** app in the centre display's app view. Here you can also see status messages and book service and repair*.
- 2 Hybrid charging** takes place in the front hatch. Open the hatch with a gentle push. For optimum range, start the journey with a fully charged battery.
- 3 Rearview mirrors** are angled down automatically* when reverse gear is engaged, so that the driver can see the edge of the road during parking, for example. The rearview mirrors are folded in/out automatically when the car is locked/unlocked.
- 4 Keyless locking/unlocking*** means that you simply need to have the remote control key with you in a pocket, for example, in order to lock or unlock the car. The remote control key must be within approx. one metre's range of the car.





Grip a door handle or press the tailgate's rubberised pressure plate to unlock the car. To lock the car, press gently on one of the door handle recesses. Avoid touching both pressure surfaces at the same time.
- 5 Panoramic roof*** is divided into two glass sections. The front one opens vertically at the rear edge. The panoramic roof and the blind are operated by using a control in the headlining.
- 6 The power operated tailgate*** can be opened either with the handle on the tailgate or with a slow forward kicking motion* under the left-hand section of the rear bumper. Close and lock the tailgate using  on its lower edge. Or close the tailgate with a kicking motion.

In order to prevent the tailgate from e.g. hitting the ceiling in a garage, it is possible to program maximum opening.



LOCKING/UNLOCKING

Remote control key

-  One short press locks doors and tailgate and arms the alarm*. A long press closes the panoramic roof* and all side windows simultaneously.
-  One short press unlocks doors and tailgate and disarms the alarm. A long press opens all side windows simultaneously.
-  One short press unlocks and disarms the alarm for the tailgate only. A long press opens or closes the power operated* tailgate.
-  The panic function activates the direction indicators and the horn to attract attention when required. Hold the button depressed for three seconds to activate.

Charging hatch

Make sure that the car is unlocked before you plug in or unplug the charging cable.

1. Press in the rear section of the hatch and release.
2. Open the hatch.
3. Pull away the cover for the charging input socket and secure it in the holder inside the cover.

The cable is locked into the socket after charging has started. It is not possible to plug the cable in while the car is running.

Private locking



Private locking locks the tailgate and the glovebox, which can be practical when, for example, the car is taken in for service.

- In the centre display's function view, tap on **Private Locking** to activate/deactivate the function.

A pop-up window is shown for activation/deactivation. A four-digit code is selected each time locking is used. An extra security code must be selected the first time the function is used.



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8

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6

OVERVIEW, INTERIOR

- 1 **Centre display** is used to control many of the car's main functions, e.g. climate control, driver support systems and in-car apps.
- 2 **Driver display** shows most of what is related to driving such as speed, engine speed, navigation* and active driver support. You can yourself choose what should be shown in the driver display via **Settings → My Car → Displays** in the centre display's top view.
- 3 **Head-up display*** is a complement to the car's driver display and projects information on the windscreen. It is activated via the centre display's function view.
- 4 **Start the car** with the start knob in the centre, between the seats. Select gear position **P** or **N**. Turn and release for ignition position **I**, depress and hold the brake pedal, then turn the start knob and hold it depressed to start the car. Switch off by engaging **P** or **N** and turn the start knob to **STOP**.
- 5 **Drive modes** are set with the control in the centre, between the seats. Press in the control and roll it to select between **Pure**, **Off Road**, **AWD**, **Hybrid**, **Power** and **Individual** in the centre display. Confirm by pressing the wheel. With Individual you can adapt a drive mode according to your own desired driving characteristics. It is activated in **Settings → My Car** in the centre display's top view.
- 6 **Parking brake** is activated when you pull the (P) control upwards, a symbol in the driver display illuminates. Release it manually by pressing the control down at the same time as holding the brake pedal depressed. Using Auto Hold (A) you can release the brake pedal with maintained brake force when the car has stopped at e.g. traffic lights.
- 7 **Switch for passenger airbag*** is located on the end face of the instrument panel on the passenger side and can be accessed when the door is open. Pull the switch out and turn to **ON/OFF** in order to activate/deactivate the airbag function.
- 8 **Glovebox** is opened when you use the  button.

Remember that both Auto hold and **Auto Activate Parking Brake** must be deactivated for an automatic car wash. This is performed in the centre display's top view under **Settings → My Car → Parking Brake and Suspension**. Then select gear position **N** and turn the start knob to **STOP** for at least four seconds.

3G 13:45

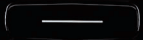
Navigation
Ånäsvägen

Media - USB
Lune
Leave The World Behind
01:21 03:56

Phone
Telenor
Daniel's Phone

Driver Performance
10.1 l/100km

22°C AUTO 22°C



CENTRE DISPLAY

You can make settings and control most of the functions in the **centre display**. Centre display has three main views, which you reach by swiping right/left: home view, function view and app view. There is also a top view that you access by dragging down the top part of the display.

Change the appearance in the centre display by selecting a theme in **Settings → My Car → Displays** in the top view. Here you can also select a dark or a light background.

Go back in the menu structure by means of a short press on the physical home button under the display. A longer press takes you to the home view.

When cleaning the centre display, lock the touch function by pressing and holding the physical home button below the display. Reactivate the display with a short press on the home button.

Status bar at the top of the display shows the activities in the car. Network information and connection information are shown on the left, and media-related information and the clock are shown on the right.

In the climate row at the bottom you can set temperature, seat comfort and fan speed by tapping on the respective icon.



CHARGING

Your Volvo is equipped with an electric motor that mainly drives the car at low speeds, as well as a petrol engine that drives the car at higher speeds and for more active driving. The charging time of the hybrid battery depends on the charging current that the socket can supply. The hybrid battery is also charged during smooth braking or engine braking, e.g. on a downhill gradient. All types of charging are indicated in the driver display.

Storing the charging cable

The charging cable is located under the floor hatch in the cargo area.

Control unit on the charging cable


The enclosed charging cable is equipped with a control unit that shows the charging status. It supports temperature monitoring and has a built-in ground fault breaker.

Starting charging

When the hybrid battery is charged, the car's starter battery is also charged.

1. Connect the charging cable to a socket. Never use an extension cable.
2. Set the correct charging current on the control unit with ▲ and ▼.
If you are uncertain about the socket's charging current rating, select the lowest charging current on the control unit.
3. Remove the charging handle's protective cover and the connection handle for the car. The charging cable is locked automatically into the charging input socket and charging starts within 5 seconds.

Finishing charging

1. Unlock the car with the remote control key's  button. Charging is finished and the charging cable releases/is unlocked.
2. Detach the charging cable from the car.
3. Refit the protective cover for the charging input socket and close the hatch.

4. Detach the charging cable from the socket.
5. Return the charging cable to its place under the floor hatch in the cargo area.



CHARGING STATUS

The car's charging status can be checked at the charging input socket, on the control unit, in the driver display and in Volvo On Call* app.

Via the lamps for the charging input socket

- White - LED light.
- Yellow - Waiting mode, waiting for the charging to start.
- Flashing green - Charging in progress.
- Green constant glow - charging complete, extinguishes after a while.
- Red constant glow - A fault has occurred.

Via the control unit

- The car symbol illuminates with a green constant glow and the charging indicator is extinguished: Standby.
- The car symbol and the charging indicator illuminate with a green constant glow: Charging in progress.
- The car symbol flashes red and the charging indicator is extinguished: Charging is not possible. Check all connections, or use another socket, then restart charging.
- The car symbol illuminates with a red constant glow: Charging is not possible. Unplug the charging cable from the socket and restart charging.
- The house symbol and the charging indicator flash red: Charging is not possible. Restart charging. If the problem persists – contact a qualified professional.

Via the driver display

The different colours of the symbol indicate charging status.



Blue light - charging in progress.

Green light - the battery is fully charged.

Red light - charging error, check the connection of the charging cable with the car and the 230 V socket.

HYBRID INFORMATION IN THE DRIVER DISPLAY

A number of symbols and animations are shown in the driver display depending on drive mode selected.

Electricity and petrol consumption are shown in the gauge on the right. The consumption varies depending on driving style. When the thin white pointer passes the white arrow at the top, the car is changed over to petrol consumption. When the pointer is in the orange-coloured zone, the battery is being charged, e.g. during braking.

Distance to empty battery

➔ On the left, under the gauge for electricity and petrol consumption, you can see the current distance to empty battery.

The gauge only shows an approximate distance that can be driven with the remaining amount of energy. The length of this distance is affected by several factors, e.g. outside temperature and speed, and may vary during the journey. No guaranteed range on electric power remains when the driver display shows "---".

Symbols in the driver display

- ⚡ An all-white symbol indicates whether the electric motor or the engine is being used. A lightning bolt indicates electric motor, a drop indicates petrol engine.
- 🔋 Indicates that the battery is being charged, e.g. during engine braking.
- 🔋 Indicates the current amount of energy in the battery for the electric motor. The energy is also used for the climate control.
- ⚡🔒 Shows that the **Charge** or **Hold** functions are activated. They are activated from the centre display's function view. **Charge** means that the hybrid battery is charged when the state of charge is low. **Hold** means that the battery level is maintained for later use.





3. Change the setting by pressing in the upper/lower/front/rear part of the control.

Saving settings

1. Set the seat, door mirrors and head-up display* to the desired position and press the **M** button. The light indicator in the button illuminates.
2. Within three seconds, press the memory button **1**, **2** or **3**. An acoustic signal sounds and the light indicator in the **M** button extinguishes.

To use your saved seat setting, press the selected memory button.

03

POWER* FRONT SEATS

Use the controls on the outside of the seats to adjust the seat position, lumbar support*, etc. One control is shaped like a seat so you can more easily understand how you change position, the other control is used for adjusting lumbar support, massage*, etc.

The seat-shaped control

Adjust the seat cushion or move the whole seat using the lower control. Adjust the angle of the backrest using the rear control.

Multi-function control

Settings for massage*, side support*, lumbar support* and seat cushion extension are linked to the multi-function control*.

1. Activate seat setting in the centre display by turning the control.
2. Select the desired function in the centre display by turning the multi-function control.

FOLDING THE BACKRESTS IN THE REAR SEAT

The front and rear seat may need adjusting in order for the backrests to be lowered.

Second row of seats' centre seat

1. Fold down the head restraint manually by depressing the button between the backrest and the head restraint. At the same time, push the head restraint down.
2. Pull the belt in the centre seat **1** up/forward whilst folding.

Second row of seats' outer seats

- Pull the handle on the side of the outer seat **2** upward to lower the seat. The head restraint is lowered automatically.

Third row of seats*

- Pull the handle on the top of the backrest upward/forward. Fold the backrest forward. The head restraint is lowered automatically.

The belt/handle must be pulled upwards while raising the second seat row. Raise the backrests until the inhibitor is locked. The head restraints are folded up manually.

To get into the third row of seats, pull upward/forward on the handle on the top of the centre row's seat **3**. Fold the backrest and slide the whole seat forward.







STEERING WHEEL

You can set the height and depth position of the steering wheel by pulling the lever under the steering wheel towards/from² you. Set the desired position and move the lever back to locked position.



Left-hand keypad

Driver support is selected in the driver display using the arrows in the steering wheel's left-hand keypad. When the symbol is WHITE the function is active. GREY means that the function is stopped or in standby mode.






Display symbol meaning:

-  Speed limiter*
-  Cruise control

² Depending on market.







-  Adaptive cruise control*
-  Pilot Assist*



Press  to start or stop the selected function.


A short press on  /  increases/decreases the stored speed by 5 km/h, a long press increases/decreases by 1 km/h.  /  decreases/increases the distance to the vehicle ahead when using Adaptive cruise control and Pilot Assist. One press on  also resumes the stored speed for the selected function.

Right-hand keypad

Use the steering wheel's right-hand keypad to navigate in the diver display.

-  The driver display's app menu opens/closes. From here the trip computer, media player, telephone and navigation can be controlled.
-   Scroll between the different apps available by pressing the left or right arrow.
-  Select, deselect or confirm an option, e.g. select the trip computer's menu or delete a message in the driver display.
-   Browse among the functions for the selected app by tapping up or down.

Raise/lower the media volume by pressing  and . If no other function is active, these buttons act as volume control.

Voice control is activated using the  button and allows you to control e.g. media, navigation and climate control using your voice. Say e.g. "Play Avicii", "Raise temperature", "Help", "Repeat" or "Cancel".

For more information about voice control and more examples of voice commands, see the owner's manual.

Trip computer

The trip computer calculates e.g. mileage, fuel consumption and average speed. It is possible to select which information from the trip computer should be shown in the driver display. The trip computer calculates the remaining distance to empty tank or empty hybrid battery. To show the different options, use the steering wheel's right-hand keypad. No guaranteed range remains when the driver display shows "----".




Resetting the trip meter

Trip meter, manual (TM), can be reset manually with one long press on the **RESET** button on the left-hand stalk switch. Trip meter, automatic (TA), is reset automatically when the car has not been used for 4 hours.

LEFT-HAND STALK SWITCH

Headlamp functions are controlled using the left-hand stalk switch.




If you select **AUTO** mode, the car detects when it is dark/light and the lighting is set accordingly, e.g. when evening falls or when you drive into a tunnel. You can also turn the stalk switch's thumbwheel to  for main beam, which is dimmed automatically for oncoming traffic. Manual main beam is activated by moving the stalk switch away from you. Deactivate by moving the stalk switch towards you.

Active bending lights* are designed to provide maximum lighting in bends and at junctions by means of the light following steering wheel movements. The function is activated automatically when the car is started and can be deactivated in the centre display's function view.

Approach lighting* switches on the outside lighting when you unlock the car with the key, and helps you to reach the car safely in the dark.

RIGHT-HAND STALK SWITCH

The right-hand stalk switch controls the wiper blades and the rain sensor.

- Move the stalk switch downward to make one single sweep on the windscreen.
 - Move the lever in steps upwards for intermittent, normal and fast speeds.
 - Adjust the interval speed using the stalk switch's thumbwheel.
 - Move the stalk switch towards the steering wheel in order to start the windscreen and headlamp washers, and towards the instrument panel to start the rear window washers.
-  Press the rain sensor button to activate/deactivate the rain sensor. The rain sensor automatically starts the windscreen wipers based on how much water it detects on the windscreen. Turn the thumbwheel on the stalk switch up/down for higher/lower sensitivity.
-  Press for intermittent wiping with the rear window wiper.
-  Press for continuous speed with the rear window wiper.



Use windscreen wiper service mode when, e.g. replacing, cleaning or lifting wiper blades. It is activated in the centre display's function view.





PASSENGER COMPARTMENT CLIMATE CONTROL

Preconditioning

Preconditioning can be set via the car's centre display and using the Volvo On Call* app. Preconditioning cools or heats the passenger compartment to comfort temperature before driving, which also reduces wear and energy requirements while driving. It is possible to direct start or set preconditioning via the timer.

Direct-starting preconditioning

1. Open the centre display's climate view by tapping at the bottom of the display.
2. Select the **Parking climate** tab, tick an appropriate option and then tap on **Preconditioning**.

Setting the timer for preconditioning

- Select **Parking climate** → **Add timer** and set date/day as required.

In order that preconditioning should have full function, the car must be connected to an electrical socket (applies to cars with electric heater). Either a fuel-driven heater or electric heater³ is used depending on market.

Air quality system IAQS*

IAQS is a part of the Clean Zone Interior Package* and is a fully-automatic system that cleans the air in the passenger compartment from contaminants such as particles, hydrocarbons, nitrous oxides and ground-level ozone. The function is activated in the centre display's top view in **Settings** → **Climate** → **Air Quality Sensor**.

Climate settings

The climate control's functions for the front and rear section of the passenger compartment are controlled via the centre display, and buttons on the centre console and the rear of the tunnel console. Some climate functions can also be controlled with voice control.



The icon used to access the climate view is located in the centre at the bottom of the display. When the text Clean Zone is BLUE, this indicates that the conditions have been met for good air quality in the passenger compartment.

- Tap on **AUTO** for fully automatic passenger compartment climate control according to desired temperature. In **AUTO** mode the fan can also be set to five different automatic fan speeds as well as **Off** and **Max**.
- Tap on one of the icons in the climate row at the lower edge of the centre display to adjust temperature, seat heating and fan speed.

To synchronise the temperature for all zones with the temperature on the driver's side, tap on the temperature icon for the driver's side and on **Synchronise temperature**.

³ An authorised Volvo dealer has information about which markets use which heater.

CONNECTIONS

You can play back/voice control media, SMS and phone calls, as well as connect the car to the Internet via different external devices, such as smartphones. The car must be in at least ignition position **I** so that you can use the connected devices.

Via Bluetooth you can connect an external device to the car to be able to handle phone calls and SMS, stream media and connect the car to the Internet. It is possible to have two Bluetooth devices connected at once in which case one of them can only be streaming media.

1. Activate Bluetooth in your phone. To connect to the Internet, activate tethering as well.
2. Open the **Phone** subview in the home view in the centre display. Tap on **Add phone**, or if one is already connected, tap on **Change**.

3. Select the phone to be connected and follow the steps on the display and the phone. Note that on certain phones the message function must be activated.

Via Wi-Fi you can connect the car to the Internet to e.g. use Internet radio and music services via in-car apps, have contact with the dealer in the car and download software.

1. Activate tethering on the phone.
2. Tap on **Settings** in the centre display's top view.
3. Tap on **Communication** → **Wi-Fi** and activate by ticking the box for Wi-Fi connection.

Connecting via the car's modem⁴

1. Insert a personal SIM card into the holder in the cargo area.

⁴ Cars with Volvo On Call* only. When connecting using an in-car modem, the Volvo On Call services will use the connection.



2. Press **Settings** → **Communication** → **Car Modem Internet** in the top view.

3. Activate by ticking the box for **Car modem Internet**.

Tethering


When the car is connected to the Internet, you can share the Internet connection (Wi-Fi hotspot) with other devices under **Settings** in the top menu. Press **Communication** → **Car Wi-Fi Hotspot**.

Via USB/AUX you can connect an external device to play back media. If you activate tethering via USB in your phone you can also connect the car to the Internet. You can also use the USB port for Apple CarPlay/Android Auto.

1 USB and AUX socket

2 12 V socket. There is also a 12 V socket in the cargo area.

Managing phone calls⁵


It is possible to make and receive calls from a Bluetooth-connected phone both via the steering wheel's right-hand keypad and via the centre display's **Phone** subview in the home view. In addition, you can handle calls using voice control. Press the voice control symbol  and say e.g. "Call [contact]".

Playing back media

To play back audio from an external device you need to connect it to the car using your chosen method, and then open the **Bluetooth**, **USB** or **AUX** app in the centre display's app view, depending on connection method. To play back audio from an iPod, select the **iPod** app, regardless of connection method.

Apple CarPlay/Android Auto allows you to use certain apps in your phone via the car to e.g. play back music or listen to podcasts. The interaction takes place via the car's centre display or a phone.

If you have an iPhone, Siri voice control must be activated before using Apple CarPlay. Connect to the USB port. If there is more than one port then use the one with the white frame. Tap on **Apple CarPlay/Android Auto** in the app view to activate.

Activate voice control with Apple CarPlay/Android Auto by means of a long press on the  button in the steering wheel's right-hand keypad. A short press activates the car's own voice control system.

Bluetooth is switched off when Apple CarPlay is used. Use an alternative connection if necessary.

⁵ For information about which telephones are compatible with the car, see support.volvocars.com.

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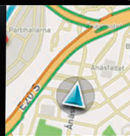


▶ 13:45

1

Navigation

Ånäsvägen



2

Media - USB

Lune

Leave The World Behind

01:21

03:56



3

Phone

Telenor

Daniel's Phone

4

Driver Performance

10.1 l/100km

22°C



AUTO






22°C



HOME VIEW

When the centre display starts it shows the home view, from which you can access the subviews for Navigation, Media and Phone, as well as the last used car function.

- 1 Navigation** - tap here to access map navigation with Sensus Navigation*.
Set destination with address - Tap on . The map image changes to search via address.
Set destination with map - Maximise the map with  and tap and hold at the destination you want to travel to.
Delete a destination - Tap on the icon for the destination and then on **Delete**.
- 2 Media** - shown here is e.g. your music from an external device or if you have selected **FM radio** in the app view. Tap on the subview to access the settings. From here you can see your music library, Internet-connected radio stations, etc.
- 3 Phone** - the phone function is accessed from here. Tap on the subview to expand it. Here, for example, you can dial from the call history or the contact list, or enter a number manually using the keypad. Once you have selected a number, tap on **Call** or .
- 4 Last used car function** - here you can see the last used car function that is not shown in any of the other subviews, e.g. **Car Status**, **Driver performance** or **Lane Keeping Aid**. You can tap on the subview to access the last used function.

3G... 13:45

Vehicle functions

ESC Sport Mode OFF	Lane Keeping Aid	Park Assist
Cross Traffic Alert	Distance Alert	Start/Stop
Camera	Park In	Park Out
Headrest fold	Head-up display adjustments	Road Sign Information
Head-up display	BLIS	Active Bending Lights

22°C AUTO 22°C

FUNCTION VIEW AND APP VIEW

Function view

When you swipe from left to right⁶ in the home view you will reach the function view. From here you can activate/deactivate different car functions, e.g. **Head-up display***, **Park Assist** and **Lane Keeping Aid**. They are activated/deactivated by tapping on the respective symbol. Some functions open in a separate window.

Go back in the menu structure by pressing the physical home button under the display.

App view

Swipe from right to left⁶ in the home view to access the app view. Here you can see the apps supplied with the car, as well as the apps that you can choose to download and install yourself.



Download, update or uninstall apps by tapping on **Download Centre** in the app view. For this to be possible the car must be connected to the Internet.

Download - Tap on **New apps** and select the app required. Select **Install** to download the app.

Update - Tap on **Install all** to update all apps. Select **Application updates** to show a list of possible updates. Select the app required and tap on **Install**.

Uninstall - Tap on **Application updates** and select the app required. Tap on **Uninstall** to uninstall an app.

Searching for and updating system software

- Tap on **System updates** to show available updates.
- Tap on **Install all** to update all software or on **Install** for an individual software program.

Moving icons - the apps and the buttons for car functions in the app view and function view respectively can be moved as required.

1. Press and hold an icon.
2. Drag the icon to an unoccupied space in the view and release.

⁶ Applies to left-hand drive cars. For right-hand drive cars - swipe in the opposite direction.



Settings



Owner's manual



Profile



Car message stored in Car status application



Passenger

Restart



TuneIn is installing



New position received

Download Centre

No connection to service



CLEANZONE™

20°C



AUTO



22°C

TOP VIEW

The upper part of the display contains a tab that you can drag down to access the top view. From here you can access **Settings**, **Owner's manual**, **Profile** and the car's saved messages.

Personal preferences

You can set a large number of personal preferences under **Settings** → **My Car**, e.g. change the appearance of the centre display and the information to be shown within it.

Connecting a remote control key to a driver profile

Each key can be linked to a driver profile under **Settings** → **System** → **Driver Profiles**. Select one of the driver profiles (it is not possible to connect a key to the profile **Guest**). The home view is shown again. Drag down the top view again, repeat in accordance with the above and select **Edit** on the chosen profile and then **Connect key**. When a linked key is used, the car is adapted according to your specific requirements⁷ for e.g. displays, mirrors, the front seat, navigation*, the audio and media system, language and voice control.

Individual drive mode*

If you want to adapt one of the **Hybrid**, **Pure** or **Power** drive modes - activate the drive mode under **Settings** → **Individual Drive Mode**. Once you have made the settings, select **Individual** from the drive modes on the tunnel console.

System volumes

If you want to adjust or switch off the volume of system sounds, e.g. keyboard and touch tones, go to **Settings** → **Sound** → **System Volumes**.

⁷ For an overview of which settings are personal/global, see the owner's manual.



DRIVER SUPPORT

Your car is equipped with a number of functions that help you to drive safely and which can prevent accidents. You can activate these functions in the function view in the centre display. Remember that the driver support functions are only aids and that as the driver you always have full responsibility for driving the car in a safe manner.

City Safety

City Safety⁸ warns the driver of obstacles, by means of visual and acoustic signals. The car is braked automatically if the driver does not react in time in the event of a risk of collision. City Safety can, amongst other things, prevent a collision and assist in the event of a risk of colliding with e.g. vehicles, larger animals, pedestrians or cyclists. City Safety is activated automatically when the engine is started.

Cross Traffic Alert (CTA)*



CTA warns about crossing traffic behind the car and is activated if reverse gear is engaged or if the car is rolling backwards.

Blind Spot Information (BLIS)*



BLIS informs you about vehicles in the blind spot and quickly approaching vehicles in the left and right-hand lanes closest to the car.

Lane Keeping Aid (LKA)*



If the car is about to cross a lane line then lane assistance, LKA, will actively help you to steer the car back into the lane. You can also be alerted audibly or by vibration in the steering wheel.

Settings for how LKA should alert if the car leaves its own lane are made via **Settings** in the centre display's top view. Select **My Car** → **IntelliSafe** → **Lane Assistance**. Here you can also activate/deactivate Run-off Mitigation*, which can provide additional support in the event of

a risk of running off the road. The car then steers and brakes automatically.

Pilot Assist

Pilot Assist is a comfort function that helps to keep the car in its lane and at a preset distance to the vehicle ahead.

Pilot Assist is selected and activated using the left-hand steering wheel keypad. For steering assistance to work requires, amongst other things, that the driver has his/her hands on the steering wheel and that the lane markings are visible.

When steering assistance is active, the driver display shows a GREEN steering wheel symbol.

⁸ Not available for all markets.



PARK ASSIST

Park Assist Pilot*

Park Assist Pilot scans available parking space and then turns the steering wheel to steer the car in. Your task is to pay attention around the car, follow the centre display instructions, select gear, control the speed and brake/stop.

Parking with Park Assist Pilot



1. Press the **Driving in** button in the function view. Drive in at maximum 20 km/h. The distance between the car and the parking spaces should be approximately 1 metre when the function is searching for a parking space.
2. Stop the car when the graphic and text in the centre display advise that a suitable parking space has been found. A pop-up window is shown.
3. Follow the instructions that appear in the centre display. Be ready to stop the car when the information in the centre display advises you to do so.

Leaving a parking space

The function can only be used for a parallel-parked car.



1. Press the **Park out** button in the function view.
2. Follow the instructions in the centre display.

Park assist camera*



The park assist camera helps the driver to observe any obstacles around the car using camera images and graphics in the centre display. Selection of camera views and park assist lines is made in the centre display. The camera can be started automatically when reverse gear is selected. The setting for this is made in **Settings** in the centre display's top view.

- Select **My Car** → **Park Assist** → **Auto Camera Reverse Activation**.

The park assist camera can also be started manually:

- Tap on the **Camera** icon in the function view to activate/deactivate the function.



PURER DRIVING PLEASURE

By planning your driving and by driving economically, you can extend the range for electric operation and reduce your impact on the environment at the same time. The conditions for achieving maximum range vary according to the different circumstances and conditions the car is driven in. You can influence some factors yourself, but not others. The longest range is achieved under very favourable conditions when all factors have a positive impact.

Plan your driving by always performing the following:

- Charge the car before departure.
- Precondition the car.

Drive economically by means of the following:

- Activate drive mode **Pure**.
- Drive at a steady speed and keep a good distance to other vehicles and objects to minimise braking.
- Select **Hold** in the function view at higher speeds during journeys that are longer than the range for electric operation.
- Drive with the correct tyre pressure in the tyres and check them on a regular basis. Select ECO tyre pressure for best results.
- Avoid driving with the windows open.

Factors you cannot influence

- Traffic situation.
- Road conditions and topography.
- Outside temperature and headwind.

See the owner's manual for more tips on range and fuel-efficient driving.

SPECIAL TEXTS

The owner's manual and other manuals contain safety instructions and all warning, important and note texts, which must be read. Some functions only apply to certain markets.



WARNING

Getting started

For cars with Volvo On Call, the system only works in areas where Volvo On Call's partners have mobile coverage and in the markets where the service is available. Atmospheric disturbances or weak transmitter coverage can cause the connection to fail, e.g. in sparsely populated areas.

For warning, important and note texts for Volvo On Call services, see the contract applicable to the Volvo On Call subscription as well as the Owner's Manual.

Getting started

Sensus Navigation*: direct all your attention to the road and make sure that all your concentration is on driving. Follow applicable traffic legislation and drive with good judgment. Road and weather conditions may make certain recommendations less reliable.

Overview, exterior

Observe the risk of trapping when opening/closing. Check that there is nobody near to the tailgate as trapping may have serious consequences. Always operate the tailgate with caution.

Overview, interior

If the car is not equipped with a switch to activate/deactivate the passenger airbag, the airbag will always be activated. Never sit a child on a booster cushion, in a child seat or in a rear-facing child seat on the front passenger seat when the airbag is activated. No one shorter than 140 cm should ever sit in the front passenger seat when the airbag is activated. No one taller than 140 cm should ever sit in the front passenger seat when the airbag is deactivated. Do not allow anyone to sit in the front passenger seat if the message in the roof console indicates that the airbag is deactivated, and if the warn-

ing symbol for the airbag system is also shown in the driver display. This indicates that there has been a severe malfunction. Visit a workshop as soon as possible. Volvo recommends that an authorised Volvo workshop should be contacted.

Overview, interior

Always remove the remote control key from the car when leaving it, and make sure that the car's electrical systems are in ignition mode **0**.

Overview, interior

Always apply the parking brake when parking on a slope - leaving the car in gear, or in **P** if it has automatic transmission, is not sufficient to hold the car in all situations.

Charging

The charging cable must not be used if any part of it is damaged - there is then the risk of electric shock and serious personal injury. A damaged or inoperative charging cable must only be repaired by a workshop - an authorised Volvo workshop is recommended.

- The hybrid battery must only be charged at maximum permitted charging current or lower in accordance with applicable local and national recommendations for hybrid charging from 230 V sockets/plugs.
- Charging the hybrid battery must only take place from an approved grounded 230 V socket or from a charging station with a loose charging cable (Mode 3) supplied by Volvo.
- The control unit's ground fault breaker protects the car, but there may still be a risk of overloading the 230 V mains power circuit.
- Avoid visible worn or damaged mains sockets since they may lead to fire damage and/or personal injury if used.
- Never use an extension cable.

Folding the backrests in the rear seat

Make sure the backrests are properly locked after they are lowered and raised. Make sure the head restraints are properly locked after they are raised. The head restraints on the outer seats in the second seat row must always be raised when the third seat row* is occupied by passengers.

Steering wheel

Voice recognition: The driver always holds overall responsibility for driving the vehicle in a safe manner and complying with all applicable rules of the road.

Passenger compartment climate control

Heated seats* must not be used by people who find it difficult to perceive an increase in temperature due to a lack of sensation or who otherwise have problems operating the controls for the heated seats. Otherwise they may suffer burn injuries.

Passenger compartment climate control

Do not use preconditioning (applies to fuel-driven heater):

- In unventilated spaces indoors. Exhaust gases are emitted if the heater starts.
- In locations with combustible or flammable material nearby. Fuel, gas, long grass, sawdust, etc. may ignite.
- When there is a risk that the heater's exhaust pipe may be blocked. The outlet is located in the front right-hand wheel housing and, for example, snow inside the front right-hand wheel housing may obstruct the heater's ventilation.

Remember that the preconditioning can be started by a timer that has been set for a long time in advance.

Driver support

BLIS and CTA are a supplement to, not a replacement for, a safe driving style and use of the rear-view mirrors. They can never replace the driver's attention and responsibility. Responsibility for lane changes and reversing safely always rests with the driver. BLIS does not work on sharp bends or when the car is reversing.

Driver support

Lane assistance LKA and Run-off Mitigation Run-off Mitigation are only aids and do not work in all driving situations or traffic, weather and road conditions. The driver always bears ultimate responsibility for ensuring that the vehicle is driven safely and that applicable laws and road traffic regulations are followed. The functions cannot detect barriers, rails or similar obstacles at the side of the road.

Driver support

City Safety is an aid and does not work in all driving situations, traffic, weather and road conditions. The function cannot detect all pedestrians/cyclists in all situations. Warning only activated in the event of a high risk for collision. Warnings and brake interventions for pedestrians and cyclists are deactivated at vehicle speeds above 70 km/h (43 mph). The auto-brake function for City Safety can prevent a collision or reduce collision speed. To ensure full brake performance, the driver should always depress the brake pedal - even if the car auto-brakes. The driver is responsible for maintaining the proper distance and speed.

Driver support

Pilot Assist is an aid which cannot handle all traffic, weather and road conditions. The driver is always responsible for how the car is driven and must intervene if Pilot Assist does not provide an appropriate speed or time gap or steering assistance. Pilot Assist must only be used if there are clear lane marker lines painted on the carriageway on either side of the lane. Pilot Assist does not brake for people, animals, objects, small/low trailers or oncoming, slow or stationary vehicles. Do not use Pilot Assist in urban traffic, at junctions, on winding roads or in bad weather, for example.

Park Assist

Park Assist Pilot does not work in all situations but is designed merely as a supplementary aid. The driver always bears ultimate responsibility for ensuring that the vehicle is driven safely, and for having an overview of the surroundings and other approaching or passing road users while parking.

Park Assist

The parking camera is an aid and can never replace the responsibilities of the driver. The camera has blind spots where obstacles cannot be detected. Be aware of people and animals near the car.



IMPORTANT

Overview, interior

The **OFF ROAD** drive mode must not be used while driving with a trailer without trailer connector. Otherwise, there is a risk of damage to the air bellows.

Overview, interior

The head-up display unit* from which the information is projected is located in the instrument panel. To avoid damage to the display unit's cover glass - do not store any objects on the cover glass and make sure that no objects fall down onto it.

Centre display

The microfibre cloth used to clean the centre display must be free from sand and suchlike. The screen may otherwise be scratched. When cleaning the centre display, only use gentle pressure on the display. Heavy pressure can damage the display.

Do not spray any liquid or caustic chemicals directly on the centre display. Do not use window cleaning agent, other cleaning agents, aerosol spray, solvents, alcohol, ammonia or cleaning agent containing abrasive. Never use abrasive cloths, paper towels or tissue paper, these can scratch the centre display.

Charging

Avoid connecting the charging cable when there is a risk of lightning. To avoid damage to the paint, e.g. in the event of high winds, position the charging handle's protective cover so that it does not touch the car. Never unplug the charging cable from the 230 V socket while charging is in progress - there is then a risk of damaging the 230 V socket. Always stop charging first and then disconnect the charging cable - first of all from the car's charging socket, and then from the 230 V socket. The aim of this is to prevent damage to the system, as well as to prevent charging being stopped accidentally.

Charging

Power strips, surge protection boxes or similar devices must not be used together with the charging cable since this could involve a risk of fire, electric shock, etc. Only use an adapter between the 230 V socket and the charging cable if the adapter is marked with approval in accordance with IEC 61851 and IEC 62196. In the Chinese market, an adapter must not be used between the 230 V socket and the charging cable.

Charging

The control unit should not be flooded or immersed in water. Avoid exposing the control unit and its plug to direct sunlight. In such cases, the overheat-

ing protection in the plug is at risk of reducing or interrupting the charging of the hybrid battery. Check that the 230 V socket has adequate power supply for charging electric vehicles - in the event of uncertainty, the socket must be checked by a qualified professional. If the socket has unknown current intensity - use the lowest level on the control unit.

Folding the backrests in the rear seat

Ensure that there are no occupants or objects in the rear seat. Nor may the seatbelts be connected. The integrated booster cushion*/armrest* on the centre seat must be in retracted position.

Right-hand stalk switch

Before placing the wiper blades in the service position, make sure that they are not frozen down. If the wiper arms in service position have been folded up from the windscreen, they must be folded back down onto the windscreen before the wipers are activated. This is to avoid scraping the paint on the bonnet.

Passenger compartment climate control

Seat ventilation cannot be started if the passenger compartment temperature is too low. This is in order to avoid cooling down the person sitting in the seat.

Connections

Max. socket is 10 A (120 W) if one 12 V socket is used at a time in the tunnel console. If both sockets in the tunnel console are used simultaneously, 7.5 A (90 W) per socket is applicable. Max. socket is 10 A (120 W) for the 12 V socket in the cargo area. Max. power take-off is 150 W for the 230 V socket.



NOTE

Overview, exterior

Electromagnetic fields and screening may interfere with the functions of the remote control key. Avoid storing the remote control key close to metal objects or electronic apparatus, e.g. mobile phones, tablets, laptops or chargers - preferably no closer than 10-15 cm.

Overview, exterior

Power operated tailgate: if the system has been operating continuously for a long time, it is switched off to avoid overload. It can be used again after about 2 minutes. There is a risk of reduced function, or no function, if the rear bumper is loaded with large amounts of ice, snow, dirt or similar. For this reason, make sure you keep it clean.

Overview, interior

The Off road drive mode is not designed to be used on public roads.

Overview, interior

The tickover rate is high after starting from cold, regardless of the outdoor temperature. This is part of Volvo's efficient emissions system.

Overview, interior

When Forward Collision Warning* is activated, the information in the head-up display is replaced by a graphic for Forward Collision Warning*. This graphic is illuminated even if the head-up display is switched off. The driver has less chance of seeing information in the head-up display if polarising sunglasses are worn, if the driver is not sitting centrally in the seat, if there are any objects on the cover glass of the display unit, or in unfavourable light conditions.

Certain visual defects may cause headaches and a feeling of stress during the use of the head-up display.

Charging

Use a charging cable recommended by Volvo in accordance with GB/T 20234.1-2011 and GB/T 20234.2- 2011 (China) as well as IEC 62196 and IEC 61851 (other markets) that supports temperature monitoring.

Charging

Always unlock the car so that charging is stopped before the connection to the 230 V socket is unplugged.

Charging

The charging cable will remember the last setting of the charging current. It is therefore important to adjust the setting if another 230 V socket is used at the next charging.

Steering wheel

Certain deviations may occur when calculating the distance travelled if the driving method is changed.

Passenger compartment climate control

Heating or cooling cannot be hastened by selecting a higher or lower temperature than the actual desired temperature.

Passenger compartment climate control

Preconditioning is available only when the car is connected to an electrical socket (applies to electric heater). A charging station which is not always active, e.g. due to a timer, may cause preconditioning to malfunction. If the car is not connected to an electrical socket, it is still possible to cool the passenger compartment briefly in a warm climate by starting preconditioning directly. The car's doors and windows should be closed during the preconditioning of the passenger compartment.

Connections

Data is transferred (data traffic) when using the Internet, and this may involve a cost. Activation of data roaming and Wi-Fi hotspots may involve further charges. Contact your network operator about data traffic costs. When downloading with a cell phone, note the data download costs.

Connections

Volvo does not check the content of the Apple CarPlay/Android Auto app. Apple CarPlay can only be used if Bluetooth is disabled. A phone or media player connected to the car via Bluetooth will therefore not be available when CarPlay/Android Auto is active. To connect the car, use Wi-Fi or the car's built-in modem*.

Connections

If the phone's operating system is updated then the pairing may be broken. In which case, delete the phone from the car and then pair again.

Connections

Data download may affect other services that transfer data, e.g. web radio. If the effect on other services is experienced as problematic, the download can be interrupted. Alternatively, it may be appropriate to switch off or cancel other services.

Connections

Note that certain phones switch off tethering after the contact with the car has been disconnected. The tethering in the phone therefore needs to be reactivated the next time it is used.

Park Assist

Keep the camera lens clear of dirt, snow and ice to ensure optimum function. This is particularly important in poor light.

