



S90

TWIN ENGINE

QUICK GUIDE



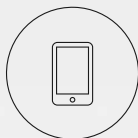
VÄLKOMMEN!

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

This chapter gives you information on some of Volvo's systems and services, and an overview of the inside and outside, and 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 different functions in the passenger compartment e.g. seat settings and Internet connection.

04. THE CENTRE DISPLAY'S VIEWS

Here you can find information on the centre display's different main views, from where you can control many of the car's functions.

05. SMART DRIVING

This chapter describes several of the car's driver support systems and gives tips on how you can drive more economically.

06. VOICE RECOGNITION

Here you can find the various commands/phrases you can use with the car's voice recognition system.

07. SPECIAL TEXTS

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



GETTING STARTED

To get started with using 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 you access to a range of services with a single username and password. Some examples are Volvo On Call*, map services*, a personal login at volvocars.com, and the option to book service and repair. You can create a Volvo ID via volvocars.com, 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 provides direct contact to the car and additional comfort and assistance 24 hours a day. The Volvo On Call app makes it possible e.g. to see whether bulbs need to be replaced or whether washer fluid needs to be topped up. You can lock and unlock the car, check fuel level and show the closest petrol station. Preconditioning can also be adjusted and started via the car's parking climate control or the remote vehicle start¹ function. Download the Volvo On Call app to get started.

Volvo On Call also includes roadside assistance, other security services and emergency assistance via 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. See the section Top view in this Quick Guide for more information on driver profiles.

Preconditioning before you travel


Make it a habit to always precondition the car before departure. It can increase the range and can reduce 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. Complete preconditioning is only available when the car is connected to an electrical socket².


¹ Available in certain markets and models.

² Applies to electric heater.



OVERVIEW, EXTERIOR





- 1 **Checking and calibration of tyre pressure (ITPMS)*** is performed via **TPMS** in the **Car Status** app in the centre display's app view. In the event of low tyre pressure, the  symbol illuminates with a constant glow in the driver display. In the event of low tyre pressure, check and adjust the tyre pressure in all four tyres and press the calibration button to start ITPMS calibration.
- 2 **Checking the engine oil level** is performed from the **Car Status** app. Here you can also see status messages and book service and repair*.
- 3 **The hybrid battery is charged** via the charging input socket. Open the hatch with a gentle push. For optimum range, start the journey with a fully charged battery.
- 4 **Door mirrors** can be automatically* angled down when reverse gear is engaged. When the car is locked/unlocked with the remote control key, the door mirrors can be retracted/extended automatically*. Activate these functions under **Settings → My Car → Mirrors and Convenience** in the centre display's top view.
- 5 **Keyless locking/unlocking*** means that you simply need to have the remote control key with you in, for example, a pocket in order to lock or unlock the car. The remote control key must be within a range of approx. 1 metre (3 feet) of the car.

Grip a door handle or press the boot lid'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.
- 6 **Sunroof*** is operated by a control above the rearview mirror when the car is in at least ignition position **I**. Open to ventilation position by pressing the control upward, and close by pulling the control downward. To fully open the sunroof, press the control backward and close by pulling the control downward. The sunscreen, which is opened automatically when the sunroof is opened, is closed manually.
- 7 **The power operated boot lid*** can be opened using the foot operated boot lid function* by means of a slow forward kicking motion under the left-hand part of the rear bumper. Close and lock the boot lid using  on its lower edge. Or close the tailgate with a slow kicking motion. The car must be equipped with keyless locking/unlocking* to make it possible to open the boot lid with foot movement. The remote control key must be within approx. 1 metre (3 feet) behind the car when opening and closing with foot movement.



LOCKING/UNLOCKING

Remote control key

-  One short press locks doors, boot lid and fuel filler flap and arms the alarm*.
A long press closes the sunroof* and all side windows simultaneously.
-  One short press unlocks doors and boot lid and disarms the alarm*.
A long press opens all side windows simultaneously.
-  One short press unlocks and disarms the alarm for the boot lid only.
A long press opens or closes the power operated* boot lid.
-  The panic function activates the direction indicators and the horn to attract attention when required. Press and hold the button for at least 3 seconds or press the button twice within 3 seconds to activate. The function can be deactivated using the same button after it has been activated for at least 5 seconds. Otherwise it is deactivated automatically after 3 minutes.

Charging hatch

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

1. Press in the rear section of the hatch and release.
2. Open the hatch.

The cable is locked into the socket after charging has started. Charging is stopped if the car is unlocked, but resumes after a short while if the cable is not unplugged.

Private locking



Private locking locks the boot lid and the backrest in the rear seat, which can be practical when, for example, the car is taken in for service or at a hotel.

- 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.

Locking* the glovebox is performed manually using the enclosed key which is located inside the glovebox.



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OVERVIEW, INTERIOR

- 1 **Centre display** is used to control many of the car's main functions, e.g. media, navigation*, climate control, driver support systems and in-car apps.
- 2 **The driver display** shows information on the drive, e.g. speed, engine speed, navigation* and active driver support. It is possible to choose what is to be shown in the driver display via the app menu, which you open using the right-hand keypad on the steering wheel. Settings can also be made 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 knob** is used to start the car. Turn clockwise and release for ignition position **I**. Select gear position **P** or **N**, hold the brake pedal depressed and turn the start knob clockwise to start the car. Switch off the car by turning the start knob clockwise.
- 5 **Driving modes*** are set using the control on the tunnel console. Press in the control and roll it to select between **Hybrid**, **Pure**, **AWD**, **Power** and **Individual** in the centre display. Confirm by pressing the control. With **Individual** you can adapt a driving mode according to your preferred driving characteristics. The individual driving mode is activated in **Settings → My Car → Individual Drive Mode** in the centre display's top view.
- 6 **Parking brake** is activated when you pull the (P) control upwards, at which point a symbol in the driver display illuminates. Release it manually by pushing down on the control and depressing the brake pedal at the same time. Using automatic braking when stationary ((S)), the brake pedal can be released while maintaining braking effect when the car has stopped, e.g. at traffic lights.

Remember that both Automatic braking when stationary and Automatic application of the parking brake must be deactivated for an automatic car wash. Automatic parking brake application is deacti-

vated in the centre display's top view under **Settings → My Car → Parking Brake and Suspension**.

- 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.



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13:45



Ånäsvägen
Current position



Lune - Leave The World...




Daniel's Phone
Telenor



Studio
Sound optimised for driver

22°C




AUTO



22°C

CENTRE DISPLAY

You can make settings and control most of the functions in the **centre display**. The centre display has three main views: home view, function view and app view. You can reach the function view and app view from the home view by swiping right or left. 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 and in the driver 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 for the centre display.

Return to the home view from another view by means of a short press on the physical home button under the display. The last mode used for the home view will then be shown. A further short press on the home button sets all of the home view's tiles in standard mode.

For cleaning the centre display, lock the touch function with a long press on the physical home button under 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. Shown on the left is network and connection information, with media-related information, the time and background activity indicator shown on the right.

In the climate row at the bottom you can set temperature and seat comfort by tapping on the respective icon. Open the climate view by tapping on the centre button in the climate row.



CHARGING

Your Volvo is equipped with an electric motor that mainly drives the car at low speeds, as well as an internal combustion 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 charging types are indicated in the driver display.

Storing the charging cable

The charging cable is stored in the storage compartment on the right-hand side of 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

The starter battery is charged when the hybrid battery is charged, and charging is terminated when the hybrid battery is fully charged.

1. Connect the charging cable to a socket. Never use an extension cable.
2. Open the charging hatch with a gentle push.
3. Remove the charging handle's protective cover and then press the handle the whole way into the socket for the car. The charging cable is locked automatically into the charging input socket and charging starts within 5 seconds.
4. Position the charging handle's protective cover so that it does not touch the car in order to avoid damage to the paintwork.

Finishing charging

1. Unlock the car with the remote control key's  button³. Charging is finished and the charging cable releases/is unlocked.
2. Detach the charging cable from the car.

3. Close the charging hatch.
4. Detach the charging cable from the socket.
5. Return the charging cable to the storage compartment on the right-hand side of the cargo area.

If the charging cable is not unplugged from the charging input socket it is locked automatically again a short time after unlocking to maximise charging and range as well as to allow preconditioning before departure. The charging cable can be unplugged again if the car is unlocked with the remote control key. For cars with Passive Entry*, you can lock and lock with the handle again.

³ This must also be done if the car doors are already unlocked. If the car is not unlocked using the unlock button, damage may be caused to the charging cable or the system.



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.

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.

Control unit

- Both LEDs flash blue, yellow and red: Self-test – wait until the self-test is complete.
- One LED shines or flashes blue while the other LED is off: Standby.

- Both LEDs flash blue: Charging in progress.
- One LED shines or flashes yellow while the other LED is off: Charging is in progress or charging is not possible – temperature monitoring error. Restart charging.
- One LED shines or flashes red while the other LED is off: Charging is not possible – the earth fault switch has tripped. Restart charging.
- One LED flashes red while the other shines red: Charging is not possible – the charging cable is connected to an unearthed socket. Connect to an earthed socket.
- Both LEDs flash red: Charging is not possible – internal error.

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 fuel 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 the internal combustion engine. When the pointer is in the orange-coloured zone, the battery is being charged, e.g. during braking.

Distance to empty battery

- ➔ The indicator shows the approximate distance to empty battery. The distance is affected by several factors, e.g. driving style, speed and outside temperature, and may vary during the journey. Normally you can expect a range of 25-45 km (15-27 miles). The start value shown when the car is fully charged indicates an up-to figure instead of a forecast for the range for electrical operation and is adapted 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 internal combustion engine.
- 🔋 Indicates that the battery is being charged, e.g. during engine braking.
- 📱 The gauge shows how much energy is available 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.



Starting and stopping the internal combustion engine

The car calculates the extent of the need to use the internal combustion engine, electric motor or both simultaneously. During electrical operation, the car may sometimes need to start the internal combustion engine automatically due to external circumstances, e.g. in low outside temperatures. The internal combustion engine always starts when the hybrid battery reaches its lowest state of charge.



POWER* FRONT SEATS

Use the controls on the outer side of the seat to adjust e.g. the seat position and lumbar support*. The two controls shaped like a seat are used to adjust the position of the seat. The third, multifunction control* is used to adjust the various comfort functions, e.g. massage*.

The seat-shaped controls

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 control⁴

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 up/down.

2. Toggle between the different functions in the centre display by turning the control up/down.
3. Change the setting of the selected function by pressing in the upper/lower/front/rear part of the control.

Store positions

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

To use your stored position:

With the door open - push and release one of the memory buttons.

With the door closed - hold one of the memory buttons pressed in until the stored position is reached.

⁴ On cars with four-way lumbar support*

FOLDING THE BACKRESTS IN THE REAR SEAT*

When folding down the rear seat, ensure that the backrest and head restraint do not come into contact with the back of the seat in front. The front seats may need adjusting in order for the backrests to be lowered.

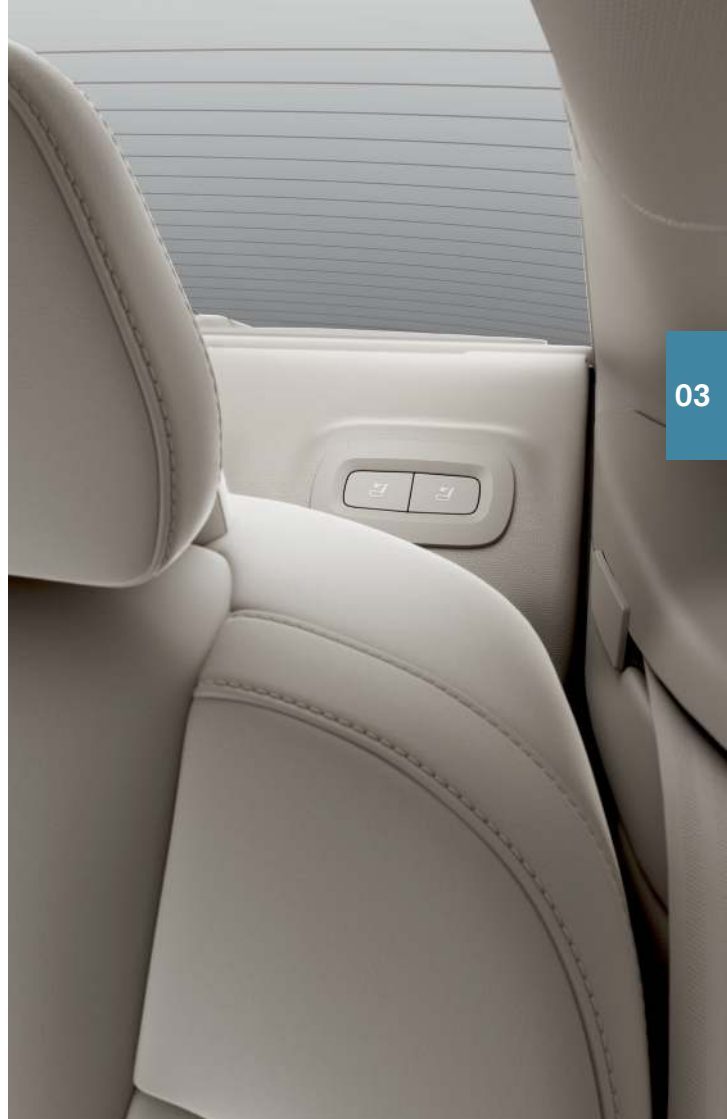
Folding the backrests

To allow the folding of the rear seat, the car must be stationary and at least one rear door must be open.

1. Lower the centre seat's head restraint manually.
2. Hold down one of the buttons located on the parcel shelf on the left-hand side of the car.
3. The seat is released from the lock but remains in the same position. The head restraints are lowered automatically.
4. Fold the backrest down manually into the horizontal position.

Raising the backrests

1. Move the backrest up/back until it locks in position.
2. Raise the head restraint manually.
3. If necessary, raise the centre seat's head restraint.





STEERING WHEEL

Adjusting the steering wheel





You can adjust the position of the steering wheel for both height and depth.

1. Push/pull⁵ the lever under the steering wheel forward/backward.
2. Adjust the steering wheel to 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 (◀ and ▶). When the driver support symbol is white, the function is active. Grey means that the function is stopped or in standby mode.

Symbols in the driver display:

-  **Speed limiter** helps to avoid exceeding a selected maximum speed.
-  **Cruise control** helps to maintain a constant speed.
-  **Adaptive cruise control*** helps to maintain a constant speed, combined with a preselected time interval to the vehicle ahead.
-  **Pilot Assist** helps the driver to keep the car between the lane's side markings using steering assistance as well as to maintain a constant speed, combined with a preselected time interval to the vehicle ahead.

Press  to start or stop the selected function.


One short press on ◂ / ▸ increases/decreases the stored speed by 5 km/h (5 mph). Press and hold the button to change steplessly - release the button at the desired speed.



 /  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 driver 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 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. "Radio", "Raise temperature" or "Cancel".

See the chapter Voice control in this Quick Guide for more voice commands.

Trip computer

The trip computer shows 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 "----".




Home safe lighting lights up part of the exterior lighting after you have locked the car in order to give you some light in the dark. Activate the function after you have switched off the car by moving the left stalk switch towards the instrument panel and then releasing it. The time for how long the home safe lighting should remain switched on can be set via the centre display.

Resetting the trip meter

Reset all information in the manual trip meter (TM) with a long press on the **RESET** button. A short press only resets the mileage. 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 lever towards the steering wheel in order to start the windscreen and headlamp washers.
-  Press the rain sensor button to activate/deactivate the rain sensor. The windscreen wiper stalk switch must be in position **0**, or in the position for a single sweep. The rain sensor automatically starts the windscreen wipers based on how much water it detects on the windscreen. Turn the thumbwheel up/down for higher/lower sensitivity.



Use windscreen wiper service mode when e.g. replacing, cleaning or lifting the wiper blades. Tap on the **Wiper Service Position** button in the centre display's function view to activate or deactivate service mode.





PASSENGER COMPARTMENT CLIMATE CONTROL

The climate control 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 centre 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** in the climate view for automatic control of several climate functions. A short press controls air recirculation, air conditioning and air distribution automatically.

A long press controls air recirculation, air conditioning and air distribution automatically, as well as that temperature and fan speed are changed to standard settings: 22 °C (72 °F) and level 3 (level 2 in the rear seat). You can change temperature and fan speed without deactivating auto-regulated climate.

- 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**.

Preconditioning

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

Direct-starting preconditioning

1. Open climate view in the centre display.
2. Select the **Parking climate** tab, tick an appropriate option and then tap on **Preconditioning**.

Setting the timer for preconditioning

1. Open climate view in the centre display.
2. Select the **Parking climate** → **Add timer** tab 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 heater⁶ 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 via **Settings** → **Climate** → **Air Quality Sensor**.

⁶ An authorised Volvo dealer has information about which markets use which heater.



CONNECTIONS

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

The car's modem⁷

The simplest and most effective way to connect your car to the Internet is via the car's own modem. It has the highest performance, is activated automatically for each journey and does not require connection to a smartphone.

1. Insert a personal SIM card into the holder under the floor in the cargo area.
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 via the modem, you can share the Internet connection (Wi-Fi hotspot) with other devices under **Settings** in the top view. Press **Communication** → **Car Wi-Fi Hotspot**.

Bluetooth

Use Bluetooth primarily to manage phone calls, SMS and media from your phone to the car's system. You can also connect the car to the Internet via Bluetooth. It is possible to have two Bluetooth devices connected at once in which case one of them can only be streaming media. The two most recently connected phones will be connected automatically when the car is used again, if the phone's Bluetooth is

active. Up to 20 devices are saved in a list to allow easier connection of them at a later time.

1. Activate Bluetooth in your phone. To connect to the Internet, activate tethering in the phone as well.
2. Open the subview for the phone in the centre display.
3. Tap on **Add phone**, or if a phone is already connected, tap on **Change** and then **Add phone**.
4. Select the phone to be connected and follow the steps on the centre display and the phone. Note that on certain phones the message function must be activated.

Wi-Fi

By connecting the car to the Internet via Wi-Fi you can stream online services at a higher speed than with Bluetooth, such as Internet radio and music via in-car apps, download/update software, etc. A Wi-Fi connection from a smartphone operates as a hotspot for the car as well as any other external devices in the car.

1. Activate tethering in your 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.

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.

USB

Via USB you can connect an external device to play back media. You can also use the USB port for Apple CarPlay* and Android Auto*. Your external device is charged while it is connected to the car.

- 1 USB inputs (type A) can be found in the storage compartment in the armrest between the seats.

Electrical sockets

The following electrical sockets are available in your car:

- 2 12 V electrical socket.
- 3 12 V electrical socket and 230 V electrical socket*. There is also a 12 V electrical socket* in the cargo area.

⁷ Cars with Volvo On Call* only. When connecting using an in-car modem, the Volvo On Call services will use the connection.




USING CONNECTED DEVICES

You can connect external devices to e.g. handle phone calls and play back media in the car's audio and media system.






Managing phone calls⁸


It is possible to make and receive calls from a Bluetooth-connected phone.

Calling via the centre display

1. Open the tile **Phone** in the home view. Select to call from the call log, contact list or enter a number using the keypad.
2. Press .

Calling with the steering wheel's right-hand keypad

1. Press  and navigate to **Phone** by pressing  or .
2. Scroll through the calls list with  and select with .

You can also manage calls using voice control. Press the voice control button  in the steering wheel's right-hand keypad. For voice commands, see the section Voice control in this Quick Guide.

Playing back media

To play back audio from an external device, you need to connect it to the car using your chosen method, see the previous page for different connections.



Bluetooth-connected device

1. Start playback in the connected device.
2. Open the **Bluetooth** app in the app view in the centre display. Playback begins.



USB-connected device

1. Start the **USB** app in the app view.
2. Select what you want to play. Playback begins.

⁸ For information about which telephones are compatible with the car, see support.volvocars.com.



MP3 player or iPod connected device

1. Start playback in the device.
2. Open the **iPod** or **USB** app depending on the connection method. To play back audio from an iPod, select the **iPod** app, regardless of connection method. Playback begins.



Apple® CarPlay®⁹ and Android Auto*


CarPlay and Android Auto allow 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 CarPlay.



1. Connect the phone to the USB port with a white frame.
2. Tap on **Apple CarPlay** or **Android Auto** in the app view to activate.



Activate voice control with CarPlay and 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 instead.

Bluetooth is switched off when CarPlay is used. If you need to connect the car to the Internet, use Wi-Fi or the car's modem*.

⁹ Apple and CarPlay are registered trademarks owned by Apple Inc.

1



Ånäsvägen
Current position

2



Lune - Leave The World...

3



Daniel's Phone
Telenor

4



Studio
Sound optimised for driver

22°C





AUTO





22°C


HOME VIEW

When the centre display starts it shows the home view, and the tiles for Navigation, Media and Phone, as well as the last used app or car function can be accessed from here.


- 1 **Navigation** – Tap here to access the navigation system with Sensus Navigation*.

Set destination with free text - Expand the toolbar with the down arrow on the left-hand side and tap on . The map image changes to free text search. Enter the search terms.

Enter destination with map – Maximise the map by pressing . Press and hold down on the location where you want to go, then select **Go here**.

Delete a destination - Tap on  to open the itinerary. Tap on the recycle bin to delete an intermediate destination in the itinerary, or tap on **Clear itinerary** to delete the whole itinerary.

Map update¹⁰ - Tap on **Download Centre** in the app view. The number of available map updates is shown at **Maps**. Tap on **Maps** → **Install** for map updating or installation of selected map. There is also the option to download maps from support.volvocars.com to a USB memory and then transfer them to the car.

- 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 tile to access the settings. From here you can see your music library, radio stations, etc.
- 3 **Phone** - the phone function is accessed from here. Tap on the tile to expand it. Here 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 .
- 4 **Last used app or car function** - here you can see the last used app or car function that is not shown in any of the other tiles, e.g.

Car status or **Driver performance**. You can tap on the tile to access the last used function.

¹⁰ Function availability may vary depending on market.



FUNCTION VIEW AND APP VIEW

Function view

When you swipe from left to right¹¹ in the home view you will reach the function view. From here you can activate/deactivate different car functions, e.g. **Rear Sun Curtain***, **Park Assist** and **Lane Keeping Aid**. They are activated/deactivated by tapping on the respective symbol. Some functions open in a separate window.

App view

Swipe from right to left¹¹ 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.

Managing and updating apps and systems



In **Download Centre**, in the app view, you can update several of the car's systems. For this to be possible the car must be connected to the Internet. In **Download Centre** you can:

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

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

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

Update system software - Tap on **System updates** to show a list of updates that can be installed in the car. Tap on **Install all** at the bottom of the list to update all software or on **Install** for an individual software program. If no list is required, select **Install all** at the **System updates** button.

Moving icons

The apps and buttons for car functions in the app view and function view can be moved as required.

1. Tap and hold an app or button.
2. Drag the app or button to an unoccupied location in the view and release.

¹¹ 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



22°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

Under **Settings** you can set many personal preferences, e.g. for displays, mirrors, front seat, navigation*, audio and media system, language and voice control.

Driver profiles



If the car is used by several drivers then each driver can have a personal driver profile. Every time you get into the car you have the option to select your driver profile where your personal preferences are saved. The number of profiles depends on the number of keys available for the car. The **Guest** profile is not connected to any specific key.

The latest active driver profile is the one used for unlocking. Change driver profile by selecting **Profile** in the top view.

The driver profiles can be connected to the car's keys, and when it is unlocked, the car is automatically adapted to your personal preferences.

Connect a key under **Settings → System → Driver Profiles**. Select one of the driver profiles (the **Guest** profile cannot be connected). 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**.

Individual drive mode

If you want to adapt one of the **Hybrid**, **Pure** or **Power** drive modes - activate the drive mode under **Settings → My Car → Individual Drive Mode**.

System volumes

If you want to adjust or switch off the volume of the system sounds, e.g. the sound for tapping on the screen, go to **Settings → Sound → System Volumes**.



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 centre display's function view. 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. A selection is listed below:

City Safety™

City Safety¹² can assist you in critical situations to prevent or mitigate a collision with vehicles, larger animals, pedestrians or cyclists. Visual, acoustic and brake pulse warnings are given in the event of a risk of collision to help you act in time. If you fail to act in time and a collision is almost unavoidable, the car can be braked automatically. City Safety is activated when the engine is started and cannot be deactivated.

Blind Spot Information (BLIS)*



BLIS can inform you about vehicles in your blind spot and quickly approaching vehicles in an adjacent lane.

Cross Traffic Alert (CTA)*



CTA is a driver support system to supplement BLIS and can warn of traffic crossing behind the car. CTA is activated if reverse gear is engaged or if the car rolls backwards.

Lane Keeping Aid



Lane assistance (Lane Keeping Aid) can help you to reduce the risk of the car leaving its lane unintentionally. The desired form of assistance is selected via **Settings → My Car → IntelliSafe → Lane Keeping Aid Mode** in the centre display's top view.

Steering assistance at risk of collision



Steering assistance at risk of collision can help you to reduce the risk of the car leaving its lane unintentionally and/or colliding with another vehicle/obstacle by actively steering the car back into its lane and/or swerving. The function consists of three subfunctions: Steering assistance at risk of run-off; Steering assistance at risk of head-on collision; and Steering assistance at risk of rear-end collision*.

Pilot Assist

Pilot Assist¹³ is a comfort function that can help to keep the car in its lane and at a preset distance to the vehicle ahead. Pilot Assist is selected and activated using the steering wheel's left-hand keypad. For steering assistance to work, the driver has to have both hands on the steering wheel and the lane markings have to be visible, for instance. When steering assistance is active, the driver display shows a GREEN steering wheel symbol.

¹² Not available for all markets.

¹³ This function can be either standard or an option, depending on market.



PARK ASSIST

Park Assist Pilot*

Park Assist Pilot can check the size of an available parking space and then steer the car into it if it is large enough. The driver's job is to pay attention around the car, follow the centre display instructions, select gear, control the speed and be prepared to brake/stop.

Parking with Park Assist Pilot



1. Drive no faster than 30 km/h (20 mph) for parallel parking or 20 km/h (12 mph) for perpendicular parking. The distance between the car and the parking spaces should be approximately 1 metre (3 feet) when the function is searching for a parking space.
2. Press the **Park In** button in the function view or camera view.
3. 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.

Leaving the parking space with Park Assist Pilot

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



1. Press the **Park Out** button in the function view or in the camera view.
2. Use the direction indicator to select the direction in which the car should leave the parking space.
3. Follow the instructions in the centre display.

Park assist camera*

The park assist camera can help the driver with observing any obstacles around the car using a camera image and graphic in the centre display. Selection of camera views and park assist lines is made in the centre display. The park assist camera is started automatically when reverse gear is selected or manually in the centre display:



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



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**.
- Lower the temperature in the passenger compartment and reduce the fan strength.
- 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.



VOICE COMMANDS

The voice control system gives you the option to use voice recognition¹⁴ to control certain functions of the media player, Bluetooth-connected phone, the climate system and Volvo's navigation system*. Voice control is activated with a press on the voice control button in the steering wheel's right-hand keypad.

The following commands are always available for use:

- Repeat
- Cancel
- Help

Voice commands for phone

- Call [contact]
- Call [telephone number]

- Recent calls
- Read message
- Message to [contact]

Voice commands for radio and media

- Media
- Play [artist]
- Play [song title]
- Play [song title] from [album]
- Play [TV channel name]*¹⁴
- Play [radio station]
- Tune to [frequency]
- Tune to [frequency] [wavelength]
- Radio
- Radio FM
- DAB *
- TV*
- CD*
- USB
- iPod
- Bluetooth
- Similar music

Voice commands for climate control

- Climate
- Set temperature to X degrees
- Raise temperature/Lower temperature
- Sync temperature
- Air on feet/Air on body

- Air on feet off/Air on body off
- Set fan to max/Turn off fan
- Raise fan speed/Lower fan speed
- Turn on auto
- Air condition on/Air condition off
- Recirculation on/Recirculation off
- Turn on defroster /Turn off defroster
- Turn on max defroster/Turn max defroster off
- Turn on electric defroster/Turn off electric defroster*
- Turn on rear defroster/Turn off rear defroster
- Turn steering wheel heat on/Turn steering wheel heat off*
- Raise steering wheel heat/Lower steering wheel heat*
- Turn on seat heat/Turn off seat heat*
- Raise seat heat/Lower seat heat*
- Turn on seat ventilation/Turn off seat ventilation*
- Raise seat ventilation/Lower seat ventilation*

Voice commands for navigation systems*

- Navigation
- Take me home
- Go to [city]
- Go to [address]
- Add intersection
- Go to [postcode]
- Go to [contact]
- Search [POI category]
- Search [POI category] [city]
- Search [POI name]
- Change country/Change state^{15, 16}

- Show favourites
- Clear itinerary
- Repeat voice guidance
- Turn off voice guidance
- Turn on voice guidance

¹⁴ Applies to certain markets.

¹⁵ In European countries, "Country" is used instead of "State".

¹⁶ For Brazil and India, the search area is changed via the centre display.

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

Volvo On Call - For cars with Volvo On Call, the services only work in areas where the car has mobile coverage and in the markets where the service is available. Just as with mobile phones, atmospheric disturbances or sparse transmitter coverage may lead to connection being impossible, 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.

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. Due to weather conditions or time of year affecting the road conditions, some recommendations may be less reliable.

OVERVIEW, EXTERIOR

Boot lid - bear in mind the risk of pinching when opening/closing the boot lid. Check that no one is near the boot lid as a pinching injury could have serious consequences. Always operate the boot lid with caution.

Keyless locking/unlocking - Check that children or other passengers are not at risk of crushing when all the windows are closed with the remote control key or keyless opening* with a door handle.

OVERVIEW, INTERIOR

If the car is not equipped with a switch for activating/deactivating the passenger airbag, then the **passenger airbag** is always activated. Never use a rear-facing child seat on the front passenger seat when the airbag is activated. The passenger airbag must always be activated when front-facing passen-

gers (children and adults) are sitting in the front passenger seat. Do not put objects in front of or above the dashboard where the passenger airbag is located.

The **remote control key** must always be taken out of the car when leaving it. Make sure that the car's electrical system is an ignition mode **0**, particularly if there are children in the car.

Parking brake should always be used when parking on a slope. Engaging a gear or the automatic transmission's **P** position is not sufficient to hold the car stationary in all situations.

CHARGING

- 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.
- The hybrid battery may only be charged using an approved grounded 230 V socket (or equivalent socket with a different voltage depending on the market) or from a charging station with the loose charging cable supplied by Volvo (Mode 3).
- 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.
- Charging the hybrid battery must only take place with grounded and approved 230 V sockets. If the capacity for the socket or fuse circuit is unknown, ask a licensed electrician to check the capacity. Charging above the capacity of a fuse circuit may lead to fire or damage the fuse circuit.
- The charging cable has a built-in circuit breaker. Charging must only take place with grounded and approved sockets.
- Children should be supervised when in the vicinity of the charging cable when it is plugged in.
- High voltage in the charging cable. Contact with high voltage can cause death or serious personal injury.
- Do not use the charging cable if it is damaged in any way. A damaged or inoperative charging cable must only be repaired by a workshop - an authorised Volvo workshop is recommended.
- Always position the charging cable so that it will not be driven over, stepped on, tripped over or

damaged in some other way, or cause personal injury.

- Disconnect the charger from the wall outlet before cleaning it.
- Never connect the charging cable to an extension cord or a multiple plug socket.
- Avoid visible worn or damaged mains sockets since they may lead to fire damage and/or personal injury if used.

Also, refer to the manufacturer's instructions for using the charging cable and its components.

POWER FRONT SEATS

Adjust the position of the driver's seat before setting off, never while driving. Make sure that the seat is in locked position in order to avoid personal injury in the event of sudden braking or an accident.

FOLDING THE BACKRESTS IN THE REAR SEAT

Check that the backrests are locked properly after being raised or lowered, and that the head restraints are locked properly after being raised.

PASSENGER COMPARTMENT CLIMATE CONTROL

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

Preconditioning can be started via a timer set far in advance. 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 line may be blocked. For example, deep snow inside the front right-hand wheel housing can obstruct the heater's ventilation.

DRIVER SUPPORT

The driver support systems available in the car are designed to be supplementary aids for the driver but cannot handle all situations in all traffic, weather and road conditions. They can never be a substitute

for the driver's attention and judgement. The driver is always responsible for ensuring the car is driven in a safe manner, at the appropriate speed, with an appropriate distance to other vehicles, and in accordance with the traffic rules and regulations in force. The driver always bears ultimate responsibility for braking and steering the car.

Before using the car, it is recommended that you read all of the sections in the owner's manual relating to driver support systems in the car.

PARK ASSIST

Park Assist Pilot is supplementary driver support but it cannot handle all situations. It is only intended to assist the driver during parallel and perpendicular parking. The driver bears full responsibility for parking the car safely and braking when necessary. The scanning may miss objects positioned deep in the parking space. The driver always bears responsibility for assessing whether the space offered by Park Assist Pilot is suitable for parking.

Park assist camera is a supplementary driver aid for parking the car. It can never replace the driver's attention and judgement. The cameras have blind spots where obstacles cannot be detected. Pay particular attention if there are people and animals near the car. Objects/obstacles may be closer to the car than they appear to be on the screen.

Before using the car, it is recommended that you read all of the sections in the owner's manual relating to driver support systems in the car.

VOICE COMMANDS

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



IMPORTANT

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

When cleaning the centre display, use a microfibre cloth that is free from sand and similar. 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, as these could scratch the display.

CHARGING

Charging cable – never connect the charging cable when there is a risk of thunderstorm or lightning strike. 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 before unplugging the charging cable from the car's charging socket and then from the 230 V socket.

Power strips, extension cables, 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.

Clean the charging cable with a clean cloth, moistened with water or a mild detergent. Do not use chemicals or solvents. Do not immerse the charging cable in water.

Only use the charging cable provided with your car or a replacement cable recommended by Volvo.

Control unit – avoid exposing the control unit and its plug to direct sunlight. In such cases, the overheating 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.

FOLDING THE BACKRESTS IN THE REAR SEAT

There must be no objects on the rear seat when the backrest is to be folded down. Nor may the seatbelts be connected.

The integrated child seat*/armrest* on the centre seat must be in retracted position.

RIGHT-HAND STALK SWITCH

Wiper blade in service position – 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 activation of wiping, washing or the rain sensor, as well as before driving. This is to avoid scraping the paint on the bonnet.

CONNECTIONS

Electrical socket – the maximum power usage for a 12 V electrical socket is 120 W (10 A) per socket.

The maximum power usage for a 230 V electrical socket is 150 W.

NOTE

OVERVIEW, EXTERIOR

Foot-operated boot lid – There is a risk of reduced function, or no function at all, if the rear bumper is loaded with large amounts of ice, snow, dirt or similar. For this reason, make sure you keep it clean.

The foot-operated boot lid function is available in two versions:

- Only opening with foot movement.
 - Both opening and closing with foot movement.
- Note that the function for closing with foot movement requires power operated boot lid*.

Pay attention to the possibility that the system may be activated in a car wash or similar if the remote key is within range.

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 4-6 inches.

OVERVIEW, INTERIOR

During cold starting, the idling speed may be noticeably higher than normal for certain engine types. This is done in order that the emissions system can reach normal operating temperature as quickly as possible, which minimises exhaust emissions and protects the environment.

Head-up display* – When a City Safety function is activated, the information in the head-up display is replaced by a graphic for City Safety. This graphic is illuminated even if the head-up display is switched off.

The driver may have less chance of seeing information in the head-up display if, for example, he/she is wearing polarising sunglasses, if he/she 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

Charging cable – Volvo recommends a charging cable in accordance with IEC 62196 and IEC 61851 which supports temperature monitoring.

STEERING WHEEL

Trip computer – 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.

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

Internet – 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 using a phone, pay extra attention to the data traffic costs.

Data downloading can 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. When downloading using a phone, pay extra attention to the data traffic costs.

Updating – If the phone's operating system is updated, the Bluetooth connection may be broken. Delete the phone from the car and reconnect.

USING CONNECTED DEVICES

Apple CarPlay and Android Auto – Volvo is not responsible for the content in the CarPlay or Android Auto app.

PARK ASSIST

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

V O L V O