



XC 90

WEB EDITION
QUICK GUIDE



VÄLKOMMEN!

This Quick Guide describes a range 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

Volvo's 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.

Options in the Quick Guide are highlighted with an asterisk *.

01. GETTING STARTED

Here you will find information that will help you learn about some of the basic functions in your Volvo. Amongst other things, you can read about the remote control key, the car's three displays as well as how to start the engine on and switch it off. There is also information on how to control and adjust the seats and climate control.

02. DRIVING AND DRIVER SUPPORT

Here, amongst other things, you will find information about drive modes, the Start/Stop function and different driver support functions in the car such as Cruise Control, Park Assist Pilot (PAP)*, Blind Spot Information (BLIS)* and City Safety.

03. INSTRUMENTS AND CONTROLS

Here you will find information about how to control lights and wipers as well as how to use the trip computer and voice control.

04. CONNECTION, ENTERTAINMENT AND SUPPORT





From your Volvo you can connect to the outside world and get access to information, entertainment and support. This section contains information on how to connect a phone to your Volvo, connect to the Internet and use apps.

05. SPECIAL TEXTS

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



REMOTE CONTROL KEY BUTTONS

-  One press locks doors and tailgate and arms the alarm¹. A long press closes the panoramic roof* and all side windows simultaneously.
-  One press unlocks doors and tailgate and disarms the alarm. A long press opens all side windows simultaneously.
-  One press unlocks and disarms the alarm for the tailgate only. A long press opens or closes the power operated* tailgate.
-  The panic function is used in an emergency to attract attention. One long press of at least 3 seconds or double press within 3 seconds activates the direction indicators and horn. The function is deactivated automatically after approx. 3 minutes or by pressing the same button after the function has been activated for at least 5 seconds.

¹ Option in certain markets.

USING KEYLESS LOCKING/UNLOCKING*

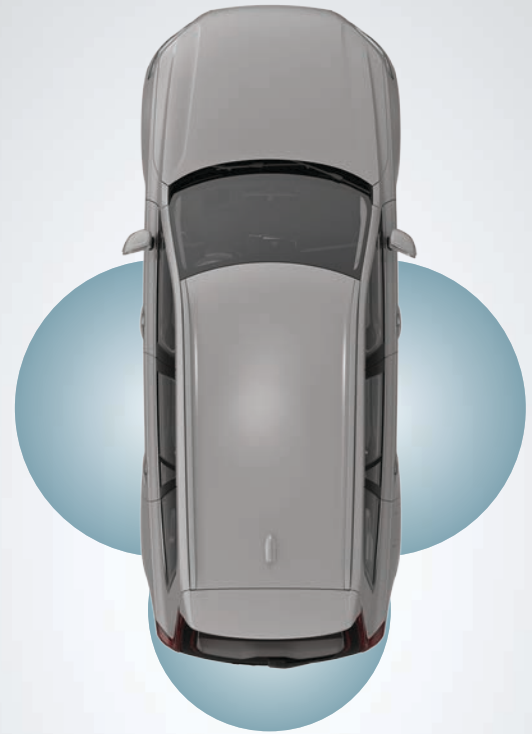
You simply need to have the remote control key with you in a pocket, for example, in order to lock or unlock the car. The remote control key must be within a semicircular area of radius approx. 1.5 metres from both long sides or approx. 1 metre from the tailgate (see illustration).

Unlock and disarm the alarm

1. Grasp a door handle or press the rubberised pressure plate beneath the tailgate handle in order to unlock the car. Unlocking is complete when the car's hazard warning flashers flash twice and the lock indicator in the windscreen extinguishes.
2. Open a door or the tailgate.

Lock and arm the alarm

1. Close all doors. The tailgate can be open during locking with the side door handles.
2. Touch the marked surface towards the rear on the outside of an outer door handle or press the lock button on the bottom edge of the tailgate before closing it. Locking is complete when the car's hazard warning flashers flash once and the lock indicator in the windscreen starts flashing.





SETTING THE POWER* FRONT SEAT

Adjust the backrest rake by pressing the control forward/backward.

Raise/lower the seat by means of pressing the rear section of the control up/down. Move the seat forward/backward by pressing the control forward/backward.

Raise/lower the front edge of the seat cushion by means of pressing the front section of the control up/down.

Change the lumbar support by pressing the button up/down/forward/backward.

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

1. Activate seat settings by turning the control up/down. The seat settings view opens in the centre display.
2. Select the desired function in the centre display by turning the multifunction control up/down.
3. Change the setting by pressing the multi-function control's button up/down/forward/backward.

Certain settings can also be selected with a tap directly on the centre display.



USING THE MEMORY FUNCTION* IN THE FRONT SEAT

The memory function's keypad is either on one or both front doors.

Store setting

1. Set the seat, door mirrors and head-up display* to the desired position.
2. Press the **M** button and release to store settings. The light indicator in the button illuminates.
3. Within three seconds, depress the memory button **1**, **2** or **3**. When the position is stored in the selected memory button, an acoustic signal sounds and the light indicator in the **M** button extinguishes.

Using stored setting

With the door open: Depress one of the memory buttons and release.

With the door closed: Hold one of the memory buttons depressed until the stored position is reached.





FOLDING THE BACKRESTS IN THE REAR SEATS

Ensure that backrests with head restraints do not come into contact with the rear of the seat in front when lowering. 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 up/forward whilst folding.

Second row of seats' outer seats

- Pull the handle on the side of the outer seats upward while folding. 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 catch engages. Head restraints are extended manually.

ENTRY/EXIT TO/FROM THE THIRD ROW OF SEATS*

1. On the second seat row's outer seats, pull the handle on the top of the seat backs upward/forward.
2. Fold the backrest forward and slide the whole seat forward.

Raise the seat to the upright position by first sliding back the seat and then raising the backrest until it locks.



ADJUSTING THE STEERING WHEEL

The steering wheel can be adjusted for both height and depth.

1. Push the lever under the steering wheel downwards to release the steering wheel.
2. Adjust the steering wheel to the desired position.
3. Pull the lever back to secure the steering wheel in position.





STARTING AND SWITCHING OFF THE ENGINE

The remote control key is not physically used during starting since the standard version of the car is equipped with support for keyless start (Passive Start). Store the key in the front part of the passenger compartment during a keyless start. With the option for keyless locking/unlocking (Passive Entry*) it is sufficient to have the key somewhere in the car in order for the engine to be started.

Starting

1. Make sure that gear position **P** or **N** is selected.
2. Depress the brake pedal.
3. Turn the ignition dial to **START** and release. The ignition dial automatically returns to its starting position.

Switching off

1. Move the gear selector to position **P**.
2. Turn the ignition dial to **STOP** and release. The ignition dial automatically returns to its starting position.

USING THE PARKING BRAKE

- (P) **Activate the parking brake**
- Pull the parking brake control in the tunnel console upward. A symbol in the driver display illuminates when the parking brake is activated. Check that the car is stationary.

Releasing manually

1. Depress the brake pedal.
2. Push down the parking brake control.

Disengage automatically

1. Fasten the seatbelt and start the engine.
2. Move the gear selector to position **D** or **R** and depress the accelerator pedal.

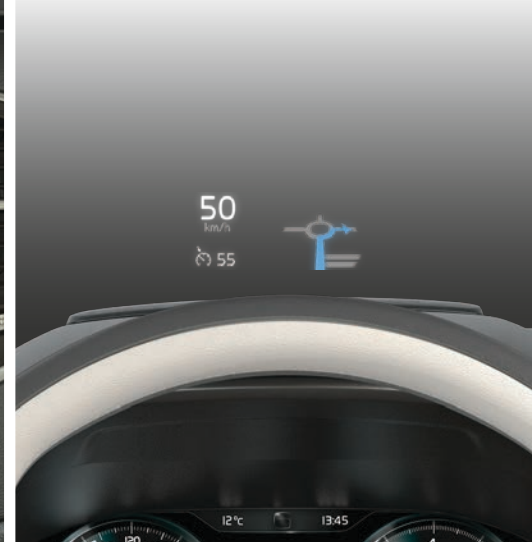
- (A) Using the "Automatic braking when stationary" function (Auto Hold), the brake pedal can be released while maintaining braking effect when the car has stopped at e.g. traffic lights. When the accelerator pedal is depressed again, the brakes are released.
- Depress the button in the tunnel console to activate/deactivate the function.

Automatic car wash

Before switching off the engine: Deactivate Auto Hold and "Automatic application of parking brake" (select in the centre display's top view **Settings > My Car > Electric Parking Brake > Auto Activate Parking Brake**). Then select gear position **N**.

Turn the start knob to **STOP** for at least 4 seconds to switch off.





THE CAR'S THREE DISPLAYS

Driver display

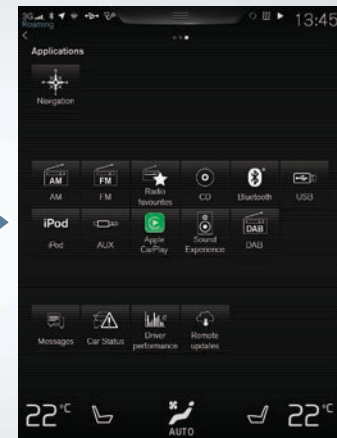
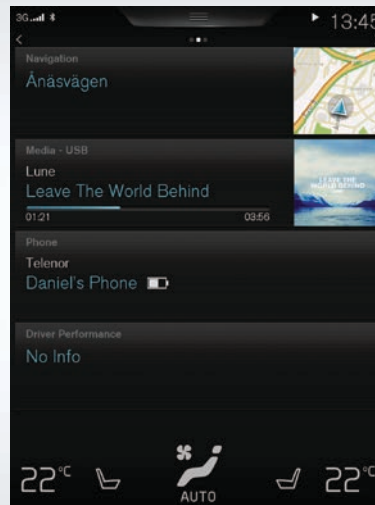
The driver display shows information about the car and driving. It contains gauges, indicators and indicator and warning symbols. The driver display is available in two versions, as 12-inch screen and 8-inch screen. For 12-inch screen: shown on the left, amongst other things, are speedometer and trip meter. In the centre there is the option to show clock, media player and navigation map*, amongst other things. Shown on the right, amongst other things, are tachometer, selected drive mode and app menu, which is activated using the steering wheel's right-hand keypad. Different themes can be selected to change the appearance of the driver display.

Centre display

Many of the car's main functions are controlled from the centre display. For example, the climate control system, media system and system updates are controlled from here.

Head-up-display*

The head-up display is a complement to the car's driver display and projects information on the windscreen. Such information can include e.g. road sign information, information on speed and navigation*, or incoming phone calls. Display options, brightness and height position for the head-up display can be adjusted via the centre display. The head-up display is activated from the centre display.



NAVIGATING IN THE CENTRE DISPLAY

Function view

Swipe from left to right² across the screen in order to access the view. From here you can activate/deactivate different car functions, e.g. **Head-up Display**. They are activated/deactivated with a single tap. Some functions open in a separate window.

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

Home view

The home view is shown when the screen is started, from which the subviews **Navigation**, **Media**, **Phone** and an extra subview can be reached.

An app/function selected from the app/function view starts in the corresponding subview in the home view. E.g. **FM radio** starts in the **Media** subview.

Tap on a subview to expand it. In expanded mode, the subviews show more information about the function/app.

Application view

Swipe from right to left² across the screen to access the view with the car's different applications/apps, e.g. **FM radio** and **CD**. Tap on an app to open it.

Press the physical home button under the screen to go back to the home view.

² Applies to left-hand drive cars. For right-hand drive cars - swipe in the opposite direction.


Status bar

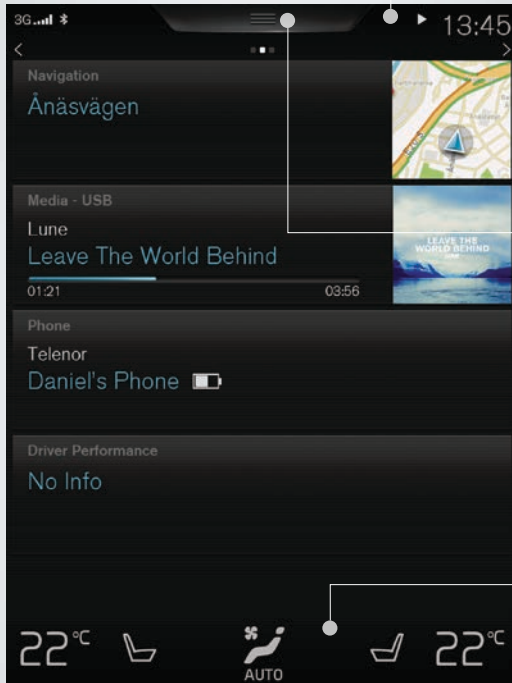
The activities in the car are shown in the status bar, at the top of the screen. Shown on the left is network/connection information; and media-related information, the time and background activity indicator are shown on the right.

Top view

There is a tab located in the centre of the status bar, at the top of the screen, to access the top view. Open it by tapping on the tab or by swiping from top to bottom across the screen. **Settings**, **Owner's manual** and the car's saved messages are accessed from the top view.

Climate row

The climate row is always visible at the bottom of the screen. There, the most common climate settings can be made directly, such as settings for temperature, seat heating and fan level. Tap on  at the bottom of the screen to open the climate view with more setting options.





CONTROLLING THE CAR'S CLIMATE

The climate control functions for the front and rear areas of the passenger compartment are controlled from the centre display, by physical buttons in the centre console and climate controls* at the rear of the tunnel console. Some climate functions can also be controlled with voice control. Some information on the climate is always visible at the bottom of the screen in the climate row. Some settings can be made directly in the climate row.



The button used to access climate view is shown in the middle at the bottom of the screen. The graphic on the button shows activated climate settings. Open the climate view by pressing the button and the view illustrated is shown.



Tap on **AUTO** in the climate view to activate/deactivate auto-regulation of air recirculation, air conditioning and air distribution.



Temperature control for driver and passenger side. Tap the left or right-hand side's temperature icon and select the desired temperature. The controls are always shown at the bottom of the screen and can be adjusted even when the climate view is not open.

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



Controls for heated* and ventilated* driver and front passenger seat, as well as heated steering wheel*. Tap on the icon for the seat or steering wheel on the left or right-hand sides to open the control for the seat or steering wheel. Repeatedly tap on the corresponding icon to select the desired position.





BETTER AIR QUALITY IN THE PASSENGER COMPARTMENT WITH IAQS*

The air quality system 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.

1. Tap on **Settings** in the top view in the centre display.
2. Tap on **Climate**.
3. Select **Air Quality Sensor** to activate/deactivate the air quality sensor.



CLEANING THE CENTRE DISPLAY



The centre display is started automatically when the driver's door is opened. Switch the screen off when it is to be cleaned.

1. Give a long press on the home button.
2. Wipe the screen clean with the microfibre cloth supplied or microfibre cloth of equivalent quality. Wipe clean using small circular movements. If necessary, lightly moisten the cleaning cloth with clean water.
3. Activate the screen with a brief press on the home button.





The centre display turns off automatically when the engine is off and the driver's door is opened.

OPENING AND CLOSING THE POWER OPERATED* TAILGATE

Options for opening

- Press and gently pull the tailgate handle upwards.
- Give a long press on the remote control key's  button until the tailgate starts to open.
- Give a long press on the instrument panel's  button (next to the steering wheel) until the tailgate starts to open.
- Make one slow forward kicking motion* under the left-hand section of the rear bumper³ and then take a step back (see illustration). The bumper must not be touched. The remote control key must be within range. An acoustic signal is heard when opening is activated.

Options for closing

- Lower edge of the tailgate: Press the  button for automatic closing without locking the tailgate. Press the  button* for automatic closing and locking of both tailgate and doors.
- Give a long press on the remote control key's  button.
- Give a long press on the instrument panel's  button.
- Make one slow forward kicking motion* under the left-hand section of the rear bumper³ and then take a step back. The bumper must not be touched. The remote control key must be within range. An acoustic signal is heard when closing is activated.



³ If the car is equipped with skid plate/diffuser*, make the kicking motion toward the rear left-hand side of the car.



SELECTING DRIVE MODE*

Select the drive mode most suitable for the current driving conditions. Not all drive modes can be selected in all situations.

1. Press the drive mode control* **DRIVE MODE** in the tunnel console – a pop-up menu opens in the centre display.
2. Roll the drive mode control up/down until the desired drive mode is highlighted in the centre display.
3. Press the control or tap directly on the centre display to confirm the selection.

Selectable drive modes

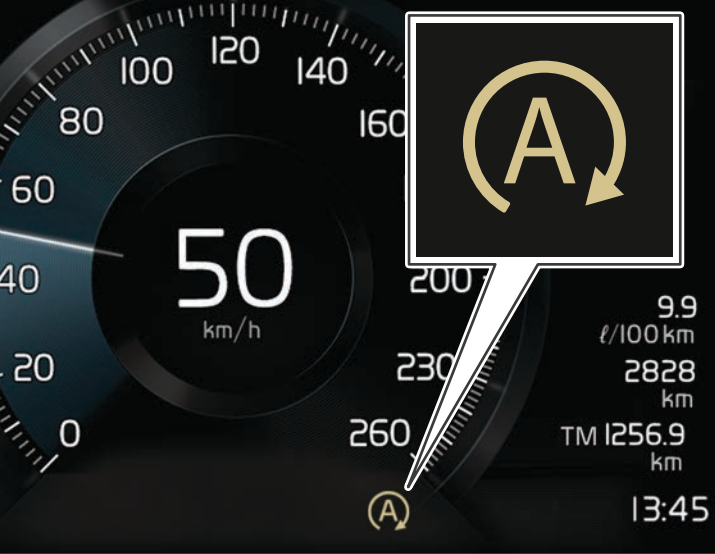
COMFORT – drive mode when the engine is started.

ECO – adapts the car for more energy-efficient driving. This drive mode can also be directly accessed from the centre display's function view.

OFF ROAD – maximises the car's traction over difficult terrain and on poor roads.

DYNAMIC – the car feels sportier for more active driving.


INDIVIDUAL – customise the **Comfort**, **Eco** or **Dynamic** drive modes to your own preferences for driving characteristics. The drive mode is available if it is first activated in **Settings** in the top view in the centre display. Select **My Car > Individual Drive Mode**.




USING THE START/STOP FUNCTION

This function pauses the engine temporarily when the car is stationary and then starts it again automatically when the journey is resumed. Start/Stop is available when the engine is started and can be activated if certain conditions have been met.

Auto-stopping the engine

- Stop the car with the brake pedal and keep your foot on the pedal. In an 8-inch driver display a beige  symbol is shown, and in a 12-inch driver display the tachometer's needle points at **READY** when the engine is auto-stopped. In **Comfort** or **Eco** drive mode, the engine may auto-stop before the car is completely stationary.

Options for auto-starting the engine

- Release the brake pedal. With Auto Hold activated, the accelerator pedal must be depressed.
- Maintain foot pressure on the brake pedal and depress the accelerator pedal at the same time.
- On downhill slopes: Release the brake pedal and allow the car to start rolling. The engine auto-starts after a small speed increase.
- When Adaptive cruise control or Pilot Assist is activated, depress the accelerator pedal or press  on the steering wheel's left-hand keypad.

Deactivating the function







- Press the **Start/Stop** button in the function view in the centre display. The function is deactivated until it is reactivated, until the car is started again or until the **Comfort** or **Eco** drive mode is selected.




DRIVER SUPPORT IN THE STEERING WHEEL KEYPAD

The functions Speed limiter*, Cruise control, Adaptive cruise control* and Pilot Assist* are selected in the driver display with the left-hand keypad arrows ◀ and ▶. A white symbol means that 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 an even speed.
-  **Adaptive cruise control:** Helps to maintain a constant speed, combined with a preset time gap to the vehicle in front.
-  **Pilot Assist:** Assists at a speed of 50 km/h (30 mph) and lower to navigate the car between the lane side markings combined with keeping a preset time gap to the vehicle in front.

Symbols in the steering wheel keypad

-  Press to start or stop the selected function. Stores the current speed for started speed limiter/cruise control/adaptive cruise control.
-  Increases the stored speed. Short press increases the speed by 5 km/h (5 mph). Long press increases the speed incrementally by 1 km/h (1 mph). One press also resumes stored speed for speed limiter/cruise control/adaptive cruise control.
-  Reduces the stored speed. Short press reduces the speed by 5 km/h (5 mph). Long press reduces the speed incrementally by 1 km/h (1 mph).



-  Adaptive cruise control and Pilot Assist: Reduces the distance to the vehicle in front.
-  Adaptive cruise control and Pilot Assist: Increases the distance to the vehicle in front.

DRIVER SUPPORT IN THE CENTRE DISPLAY

City Safety⁴

City Safety warns the driver of obstacles, by means of visual and acoustic signals. The car is braked automatically if the driver does not act within a reasonable time.

Amongst other things, City Safety can prevent a collision and assist a driver at risk of colliding with a vehicle, pedestrian or cyclist, for example.

City Safety is activated automatically when the engine is started.

Park Assist Pilot (PAP)*

Park Assist Pilot assists in parking, or leaving a parking space, by first scanning the space available and then turning the steering wheel and steering in the car. The driver's task is to pay attention around the car, follow the centre display instructions, select gear, control the speed and brake/stop.



Parking with PAP

1. Tap on the **Park in** button in the function view. You must not be travelling faster than 30 km/h (20 mph) for parallel parking or 20 km/h (12 mph) for perpendicular parking.
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. In the pop-up window, select **Parallel parking** or **Perpendicular parking** and engage reverse gear.
4. Follow the instructions that are shown in the centre display. Be prepared to stop the car when the graphics and text advise this.



⁴ Not available for all markets.





Leaving a parking space with PAP

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 assists in observing 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** button in the function view in order to activate/deactivate the function.



Lane Keeping Aid (LKA)*

If the car is about to cross a side line then Lane assistance (Lane Keeping Aid, LKA) will actively steer the car back into the lane by applying a slight steering torque to the steering wheel. When the car approaches or passes a side line, the driver will be warned with an acoustic signal or vibration in the steering wheel.

- Tap on the **Lane Keeping Aid** button in the function view in order to activate/deactivate the function.

Settings for how LKA should alert the driver if the car leaves its own lane are made via **Settings** in the centre display's top view. Select **My Car > IntelliSafe > Lane Keeping Aid**.



Blind Spot Information (BLIS)*

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

- Tap on the **BLIS** button in the function view in order to activate/deactivate the function.












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. CTA is activated automatically when the engine is started.

- Tap on the **Cross Traffic Alert** button in the function view in order to deactivate/reactivate the function.

USING THE WINDSCREEN WIPERS AND RAIN SENSOR

Windscreen wipers and rain sensor are controlled with right-hand stalk switch.


-  Move the stalk switch downward to make one single sweep.
-  Move the stalk switch to **0** to switch off the windscreen wipers.
- INT** Move the lever to **INT** (interval) in order to set the speed. Adjust the speed using the thumbwheel on the lever.
-  Raise the stalk switch for the wipers to sweep at normal speed.
-  Raise the stalk switch further for the wipers to sweep at high speed.
-  Depress 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.
-  Move the lever towards the steering wheel in order to start the windscreen and headlamp washers.
-  Move the lever towards the instrument panel in order to start washing and wiping the rear window.
-  Press for intermittent wiping with the rear window wiper.
-  Press for continuous speed with the rear window wiper.





LIGHT SWITCH'S AUTO MODE


Left-hand stalk switch **AUTO** mode provides, amongst other things, the following:

- Daytime running lights⁵ and position lamps in daylight. Dipped beam and position lamps in weak daylight or darkness.
- Activated tunnel detection.
- Option to use main beam flash and activate main beam when dipped beam is switched on.
- Option to activate main beam automatically. Activate/deactivate by turning the stalk switch thumbwheel to position  and releasing. Manual main beam is activated by moving the stalk switch towards the instrument panel. Deactivate by moving the stalk switch back towards the steering wheel.



ACTIVATING/DEACTIVATING THE PASSENGER AIRBAG*

The switch for the 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.

1. Pull the switch outward and turn to **ON/OFF** in order to activate/deactivate the airbag.
2. Confirm the message about activation/deactivation in the driver display by pressing the right-hand steering wheel keypad's  button. A text message and warning symbol in the roof console indicate that the airbag for the front passenger seat is activated/deactivated.

⁵ Applies to certain markets.



NAVIGATING THE DRIVER DISPLAY

Navigate the driver display using the steering wheel's right-hand keypad, amongst other things. It is possible to select what should be shown in the driver display yourself.



The driver display's app menu opens/closes. The trip computer, media player, telephone and navigation can be controlled from here.



Scroll between the different available apps by tapping on 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.

OPERATING THE TRIP COMPUTER

The trip computer records and 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.

Distance to empty tank

The trip computer calculates the remaining distance with the fuel that is in the tank. To show **Distance to empty tank** in the driver display, use the buttons on the steering wheel's right-hand keypad:

1. Press .
2. Navigate to the trip computer app with  or .
3. When the trip computer app is highlighted, scroll down with  to **Distance to empty tank**.
4. Select to show **Distance to empty tank** in the driver display by tapping on .

No guaranteed range remains when the driver display shows "----". Refuel as soon as possible.


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 at least four hours.






USING VOICE RECOGNITION


It is possible to use voice control with certain functions in the media player, Volvo's navigation system*, the climate control system and a Bluetooth-connected phone. Voice control takes place via direct commands from the user, or in the form of dialogue with verbal responses from the system.

-  - Press the button in the steering wheel's right-hand keypad to activate voice control and initiate a dialogue with a voice command.

Examples of commands for voice control:

- Press . Say **"Navigation"**, a navigation dialogue starts.
- Press . Say **"Raise temperature"**, the set temperature is increased one step.
- Press . Say **"Play Robyn"**, music of the selected artist is played back.

Commands that are always available for use:

- **"Repeat"** - repeats the last voice instruction in the ongoing dialogue.
- **"Cancel"** - cancels the dialogue. A long press on  also cancels the dialogue.
- **"Help"** - starts a help dialogue.


Remember to speak after the tone in a normal voice at normal speed. Do not speak while the system is replying. Avoid background noise in the passenger compartment by having the doors, windows and panoramic roof * closed.

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



USING THE GLOVEBOX

Opening the glovebox

-  - Press the button below the centre display to open the glovebox.

Locking/unlocking the glovebox

Using private locking, besides the glovebox, the tailgate is also locked. Activation/deactivation can take place in two ways via the centre display:



Alternatives 1: Tap on the button for **Private locking** in the function view in order to activate/deactivate private locking.

Alternatives 2: Tap on **Settings > My Car > Locking** in the top view. Select **Private locking**.

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. This code is used to reset the single-use code when necessary. In both cases, enter the selected code and tap on **Confirm**.



CONNECTING A PHONE TO THE CAR

Connect a Bluetooth activated telephone to the car to be able to make calls from the car, send/receive messages, 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. The two most recently connected phones will automatically be connected when the car is used again.

Searching phone from car

1. Make the phone searchable/visible via Bluetooth.
2. Activate tethering (portable/personal hotspot) via Bluetooth in the telephone.
3. Open the **Phone** subview in the centre display. Tap on **Add phone**. If a phone is already connected, tap on **Change** and then in the pop-up box **Add phone**.
4. Select the phone to be connected.
5. Check that the specified number code in the car matches that in the phone. If so, select to accept in both places.
6. Select on the phone to accept or reject any options for phone contacts and messages. Note that on certain phones the message function must be activated⁶.

The phone is then connected and can be controlled via the car.


⁶ For information about which telephones are compatible with the car, see support.volvocars.com.








MAKING, RECEIVING AND ENDING PHONE CALLS

It is possible to make and receive calls via the car from a Bluetooth connected phone.

Calling via the centre display

1. Open the subview **Phone** in the home view.
2. Select to call from the call log, contact list or enter a number using the keypad.
3. Press **Call** or , depending on which option was selected in step 2.


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 .

Calling contacts with voice control


- Press  and say "Call [contact]".

Receiving/declining a call

Receive: Press  on the right-hand steering wheel keypad or tap **Answer** in the centre display.

Decline: Select **Reject** by pressing  and confirm by pressing , alternatively press **Reject** in the centre display.

Ending a call

- Press  to confirm the selection to **End call**, or tap on **End call** in the centre display.



CONNECTING TO THE INTERNET

Via Bluetooth

Connect to the Internet in the same way as connecting a phone to the car.

Via Wi-Fi

1. Activate tethering on the phone.
2. Tap on **Settings** in the top view in the centre display.
3. Tap on **Communication** > **Wi-Fi** and activate by ticking the box for Wi-Fi.
4. Select the desired network and enter its password.
5. If another connection source has been used in the past - confirm the option to change 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.

Via USB connection

1. Plug the phone by a cable into the car's USB connection in the tunnel console's storage compartment.
2. Activate tethering via USB on the phone.
3. If another connection source has been used in the past - confirm the option to change connection.

Via car modem*⁷

1. Insert a personal SIM card into the holder in the cargo area (see illustration).
2. Tap on **Settings** in the top view.
3. Tap on **Communication** > **Car Modem Internet**.
4. Activate by ticking the box for **Car modem Internet**.
5. If another connection source has been used in the past - confirm the option to change connection.
6. Enter the SIM card's PIN code.




⁷ Only cars with Volvo On Call*. When connecting to the Internet using the car modem, the Volvo On Call services will use the connection.



Share Internet via Wi-Fi hotspot

When the car is connected to the internet, it is possible to share the Internet connection (Wi-Fi hotspot) so that other devices can use the internet connection⁸.

1. Tap on **Settings** in the top view.
2. Tap on **Communication > Car Wi-Fi hotspot**.
3. Select **Network name** for the tethering.
4. Select **Password** which must then be entered in connected devices.
5. Select the **Frequency band** that the hotspot is to send data on using⁹.
6. Activate by ticking the box for **Car Wi-Fi hotspot**.
7. If Wi-Fi has previously been used as a connection source – confirm the option to change connection.

When the car is sharing the Internet connection,  is shown in the status bar. Tap on **Connected devices** in **Car Wi-Fi hotspot** to see the list of connected devices.

⁸ Does not apply during Wi-Fi connection. The network operator (SIM card) must support tethering.

⁹ Not available on all markets.



APPLE CARPLAY* IN THE CENTRE DISPLAY

The Apple CarPlay function allows you to use selected apps in an iPhone via the car to e.g. playback music or listen to podcasts. The interaction takes place via the car's centre display or with Siri.

Start Apple CarPlay

Voice control with Siri must be activated in the phone before using Apple CarPlay.



1. Connect an iPhone to the USB port in the tunnel console. Read the information in the pop-up message and then tap on **OK**.
2. Tap on **Apple CarPlay** in the app view. If it is the first time an iPhone is connected – accept the terms and conditions.
3. The subview for Apple CarPlay opens and compatible apps are shown.

Automatic start of Apple CarPlay

If automatic start is set then Apple CarPlay opens automatically when the iPhone is connected. Tap on **Settings** in the top view and select **Communication > Apple CarPlay**.

It is possible to upgrade the car with Apple CarPlay if the car is not equipped with the function from the start, contact a Volvo dealer. Information about which apps are supported and which phones are compatible is available on Apple's website, see www.apple.com/ios/carplay/.

CONNECTING AND PLAYING BACK MEDIA FROM EXTERNAL AUDIO DEVICE

The media player can play audio from externally connected devices via AUX/USB inputs or stream audio wirelessly via Bluetooth.

Play media from Bluetooth connected device



1. Connect the unit to the car in the same way as connecting a phone to the car.
2. Start playback in the connected device.
3. Open the **Bluetooth** app in the app view in the centre display - playback starts.

Playing media from USB memory



1. Connect the USB memory to the tunnel console's socket.
2. Start the **USB** app in the app view and select what to play - playback starts.

Playing back media from Mp3 player or iPod




1. Connect the device to the tunnel console's AUX or USB socket.
2. Start playback in the device.
3. Open the **iPod**, **AUX** or **USB** app, depending on connection method. For iPod playback, select the **iPod** app regardless of the connection method - playback starts.




USING GUIDANCE VIA MAP WITH SENSUS NAVIGATION*

Press the subview **Navigation** in the centre display's home view.

Entering destination with address:

1. Press  – **Set dest.** The map image changes to search via address with its search field.
2. Tap on the fields and fill in **Country/State/Province/Address**, etc. with the centre display's keyboard.

Setting destinations by pressing on the map:

1. Maximise the map by pressing .
2. Find the desired destination on the map and press and hold. An icon is created and a menu appears.
3. Select **Go here** to start guidance.

Delete a destination:

1. Tap on the icon for the destination.
2. Tap on **Delete**.

Change destination position:

1. Highlight the icon for the destination with a short tap.
2. Tap and hold the icon, drag it to the desired position, and release.



APPLICATIONS IN THE CENTRE DISPLAY

In the application view there are downloaded apps and apps for built-in functions, for example **FM radio**.

Some apps are only available for use if the car is connected to the Internet.

Organising apps

1. Tap on the app and hold depressed. The app changes size and becomes slightly transparent.
2. Drag the app to an unoccupied location in the view and release.





CREATING AND REGISTERING A VOLVO ID

A Volvo ID is a personal ID that provides access to a wide range of services online, e.g. the option to download maps* to the car.

With the Volvo ID in-car app, the ID can be both created and registered to the car simultaneously. It is also possible to create a Volvo ID via My Volvo¹⁰ or Volvo On Call (VOC)¹¹ mobile app. Then register it to the car.

Creating and registering a Volvo ID with the in-car app Volvo ID

1. Download the Volvo ID app from **Remote update service** in the centre display's app view.
2. Start the app and fill in your e-mail address (or your Volvo ID if one has already been created).
3. Follow the instructions that are automatically sent to the specified email address.

Creating a Volvo ID via My Volvo or VOC mobile app

1. **My Volvo:** Go to www.volvocars.com and navigate through to My Volvo.

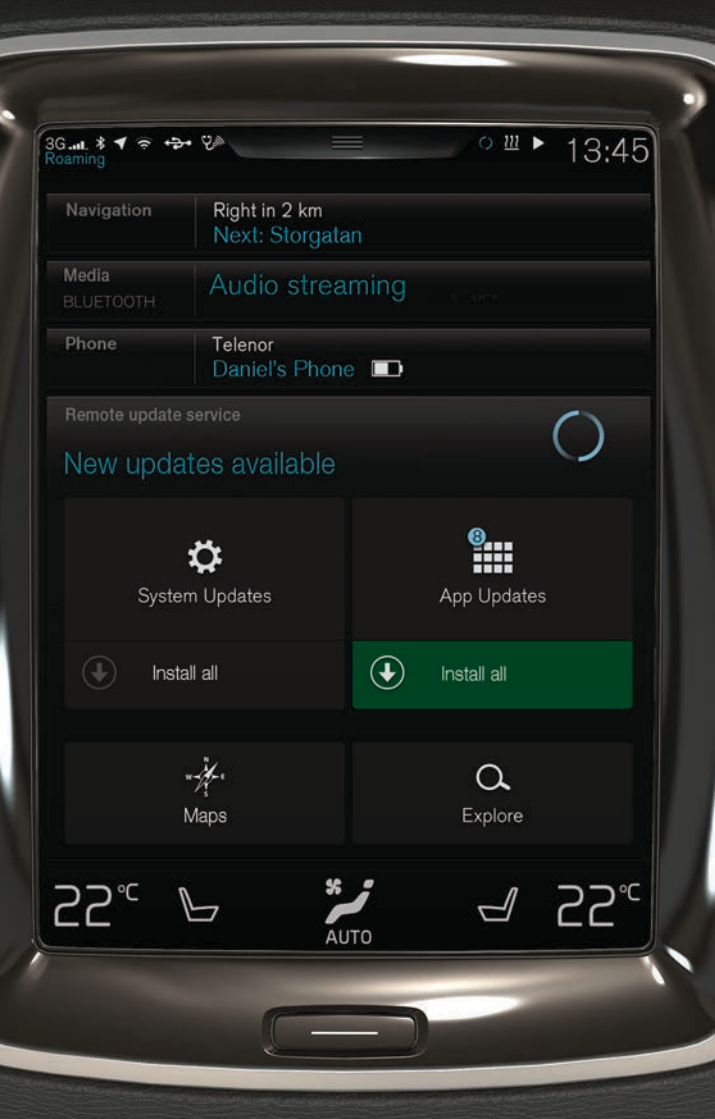
VOC mobile app: Download the latest version of the VOC app from the smartphone, via e.g. App Store, Windows Phone Store or Google Play.

2. Enter a personal email address and follow the instructions that are automatically sent to the specified email address.

A Volvo ID has now been created. Register the ID to the car from the Volvo ID app in the car to have access to the Volvo ID services.

¹⁰ Available in certain markets.

¹¹ Only cars with Volvo On Call*.



MANAGING AND UPDATING APPS, MAPS AND SYSTEMS



- Tap on **Remote Update Service** in the app view to update several of the car's systems. For remote update to be possible, the car must be connected to the Internet. A tap on **Remote Update Service** opens a download application in the home view's lowest subview.

Downloading, updating and uninstalling apps.

Downloading: Tap on **Explore** and select the app required. Tap on **Install** to download the app.

Update: Tap on **Install all** to update all apps. Select **Application updates** to update individual ones. 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.

Updating map data

- Tap on **Maps** to show a list of available updates. Highlight the current region. Tap on the down-arrow for information about the current version of map data or tap on **Install** to see whether there is a newer version.

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 individual software programs.



VOLVO ON CALL*

With the Volvo On Call mobile app¹² it is possible to precondition the car before driving. Preconditioning can also be started in the centre display's climate view. The app can also be used for example to lock/unlock the car, see where the car is parked, log trips in a driving log, obtain theft warnings and see fuel consumption. The mobile app can be downloaded from App Store, Windows Phone Store or Google Play, for example.

The Volvo On Call services also include access to till roadside assistance and emergency assistance:

- Press the **ON CALL** or **SOS** button on the car's roof console. Contact is then established with Volvo's trained operators at the Volvo On Call service centre.

The service centre can also help to track the car in the event of theft. Services that are available vary depending on the car's configuration

and market. Contact a Volvo dealer or visit support.volvocars.com for information about which services are available.

¹² Personal Volvo ID required to use the mobile app.

ADJUSTING AUDIO VOLUME

Adjust the audio volume in the car by turning the volume control under the centre display or by tapping on ▼ and ▲ on the steering wheel's right-hand keypad.

Adjusting audio volume for the car's different systems

1. Tap on **Settings > Sound > System volumes** in the top view in the centre display.
2. Adjust the volume/mute e.g. keypad tones or screen taps by dragging the slider for **Keypad Touch** or **Screen Touch**.



CHANGING THE APPEARANCE IN THE CENTRE DISPLAY

1. Tap on **Settings > My Car > Displays > Themes** in the top view.
2. Select the theme for the centre display, e.g. **Minimalistic**.

As a supplement to these appearances, it is possible to choose between dark or light screen background. With **Normal**, the screen background is dark and the text is light. This alternative is the default for all themes.

With **Light**, the screen background is light and the text is dark. This alternative can be useful in e.g. strong daylight.

The options are always available to the user and are not affected by the surrounding lighting.






BOOKING SERVICE AND REPAIR

Manage service, repair and booking information directly from your online car.

To send an appointment request¹³:



1. Open the **Car Status** app from the app view.
2. Tap on **Appointments > Request appoint.**
3. Make sure that the correct **Volvo ID** is filled in.
4. Enter the information for the workshop in the field **Tap to write information to the workshop**. Alternatively, tap on the  button and speak in the information for the workshop.
5. Tap on **Send appointment request**. The appointment request contains vehicle data when it is sent from the car to the workshop. This information facilitates workshop planning.
6. A suggested appointment is sent via e-mail within a couple of days. For certain markets, the suggestion is also sent to the car.

¹³ A Volvo ID must first be created. Booking service and repair applies for certain markets. The car's engine must be running for it to be possible to send an appointment request.

LOCATED HERE ARE AUX AND USB INPUTS AND ELECTRICAL SOCKETS

AUX and USB socket

AUX and USB inputs are located under the armrest in the tunnel console.

Electrical sockets

The car is equipped with four electrical sockets.

- There is a 12 V socket in the tunnel console's storage compartment.
- In the rear part of the tunnel console there is also a 12 V socket as well as a 230 V socket*.
- In the cargo area there is one 12 V socket*.

The car's electrical system must be in at least ignition position I for all sockets to work.



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

Fold the backrests down in the rear seats

Check that the backrests are firmly locked after lowering and raising. Check that the head restraints are firmly locked after raising. 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.

Starting and switching off the engine

Always take the remote control key out from the car when leaving it and make sure the car's electrical system is in ignition position **0**.

Using the parking brake

Always use the parking brake when parking on a gradient - an engaged gear or leaving the automatic gearbox in **P**-position is not sufficient to keep the car stationary in all situations.

Controlling the car's climate

A heated seat* must not be used by someone who has difficulty perceiving an increase in temperature due to sensory loss or for some reason has difficulty operating the control for the heated seat. Otherwise, they may suffer a burn injury.

Opening and closing the power operated* tailgate

Pay attention to the risk of crushing when opening/closing. Check that no one is near the tailgate, since a crushing injury can have serious consequences. Always operate the tailgate with caution.

City Safety

City Safety is an aid and does not work in all driving situations and traffic, weather and road conditions. The function cannot detect all pedestrians/cyclists in all situations. Warnings are only activated in the event of a high risk for collision. Warnings and brake interventions for pedestrians and cyclists are deactivated at a vehicle speed exceeding 80 km/h (50 mph). City Safety's auto-brake function 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 always responsible for maintaining the correct distance and speed.

Park Assist Pilot (PAP)*

Park Assist Pilot does not work in all situations but is designed simply 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 road users approaching or passing while parking.

Park assist camera*

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. Pay attention to people and animals near the car.

Lane Keeping Aid (LKA)*

Lane assistance is simply a driver aid and does not engage in all driving situations or traffic, weather or road conditions. The driver is always responsible that the vehicle is driven in a safe manner and that laws and traffic regulations in force are followed.

Blind Spot Information (BLIS)* and Cross Traffic Alert (CTA)*

BLIS and CTA are complements to, not substitutes for, a safe driving style and the use of rearview and door mirrors. They can never replace the driver's attention and responsibility. The responsibility for changing lanes and reversing in a safe manner always rests with the driver. BLIS does not work in sharp bends and when the car is being reversed.

Activating/deactivating the passenger airbag*

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 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

warning symbol for the airbag system is also shown in the driver display. This indicates that there has been a serious malfunction. Visit a workshop as soon as possible. Volvo recommends contacting an authorised Volvo workshop.

Using voice control

The driver always bears ultimate responsibility for ensuring that the vehicle is driven safely and that applicable traffic regulations are followed.

Using guidance via map*

Pay full 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.

Volvo On Call*

For cars with Volvo On Call the system only works in areas where VOC's partners have mobile coverage and in markets where the service is available. Just as with mobile phones, 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 VOC services, see the owner's manual as well as the agreement regarding the VOC subscription.

IMPORTANT

Fold the backrests down in the rear seats

There must be not be any objects in the rear seat when the backrest is being folded down. The seatbelts must not be buckled either. The integrated booster cushion* on the centre seat in the second seat row must be lowered before lowering the seat. The armrest* for the centre seat in the second seat row must be raised before lowering the seat.

The car's three displays

The head-up display unit*, from which the information is projected, is located in the instrument panel. Do not 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.

Controlling the car's climate

The seat ventilation cannot be started if the

passenger compartment temperature is too low. This to avoid making it too cold for the seat occupant.

Cleaning the centre display

The microfibre cloth must be free of sand and similar when the centre display is cleaned. Otherwise there is a risk of scratching the screen. When cleaning the centre display, only use mild pressure against the screen. Heavy pressure can damage the screen. 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.

Located here are AUX and USB inputs and electrical sockets

Max. current take-off 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 at the same time, then the figure is 7.5 A (90 W) per socket. Max. current take-off is 10 A (120 W) for the 12 V socket in the cargo area.

NOTE

Using keyless locking/unlocking*

Electromagnetic fields and screening can interfere with the remote control key's functions. 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.

Starting and switching off the engine

After a cold start the idling speed is high irrespective of outside temperature. It is part of Volvo's efficient emissions system. During cold starting, certain diesel engines have a delayed start due to preheating.

The car's three displays

When Forward Collision Warning* is activated, the information in the head-up display is replaced by a graphic for Forward Collision Warning*. This graphic illuminates even if the head-up display is switched off. The driver's ability to see the information in the head-up display is impaired by



the use of polarising sunglasses, a driving position which means that the driver is not sitting centred in the seat, objects on the display unit's cover glass and unfavourable light conditions. Certain visual defects may cause headaches and a feeling of stress during the use of the head-up display.

Navigating in the centre display

The top view is not available at startup/shutdown, or when a message is shown on the screen. It is also not available when full screen climate control is shown.

Controlling the car's climate

It is not possible to speed up the heating/cooling by selecting a higher/lower temperature than what is actually required.

Cleaning the centre display

The screen cannot be turned off when a prompt to perform an action is shown on the screen.

Opening and closing the power operated* tailgate

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

Park assist camera*

Keep the camera lens free from dirt, ice and snow for optimum function. This is particularly important in poor light conditions.

Operating the trip computer

Certain deviations in the calculation of driving distance may arise if driving style is changed.

Using the glovebox

A security code must be selected the first time the function is used. The security code can be used to reset the function if someone has tried to deactivate private locking with an incorrect code. Save the security code in a safe place.

Connecting a telephone to the car

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.

Connecting to the Internet

Using the Internet involves data being transferred (data traffic), which may incur a charge. Activation of data roaming may incur additional charges. Contact your network operator about the cost for data traffic. Activation of the Wi-Fi hotspot may incur additional charges from your network operator. Contact your network operator about the cost for data traffic. When downloading using a mobile phone, pay extra attention to the cost for downloading data.

Apple CarPlay* in the centre display

Volvo does not check the content in the Apple CarPlay app. If a phone or media player is connected to the car via Bluetooth, it will not be available while Apple CarPlay is active due to Bluetooth being deactivated. To connect the car, use Wi-Fi or the car's built-in modem*.

Managing and updating apps, maps and systems

Data download may affect other services that transmit data, e.g. Internet radio. If the effect on other services is experienced as disruptive then the download can be interrupted. Alternatively, it may be appropriate to switch off or interrupt other services.

V O L V O