



XC 90

QUICK GUIDE

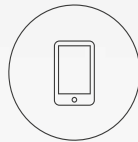
VÄLKOMMEN!

This Quick Guide describes a selection of the features and functions in your Volvo. More detailed owner's information is available digitally in the vehicle, in an app and on-line.



THE VEHICLE'S CENTER DISPLAY

The owner's manual is available in digital form in the center display and can be accessed from Top view.



MOBILE APP

The owner's manual is available as an app (Volvo Manual) for smartphones and tablets. The app also contains instructional films for certain features.



VOLVO'S SUPPORT SITE

Volvo's support site (support.volvocars.com) contains manuals and instructional films but also provides additional information regarding owning and operating your Volvo.



PRINTED INFORMATION

A printed owner's manual supplement is provided in the vehicle's glove compartment, which contains information about fuses, specifications and a summary of other useful information. A printed owner's manual can also be ordered at any time.

An asterisk (*) indicates optional equipment.

Some of the illustrations shown in this quick guide are generic and are intended as examples only.

CONTENTS

01. GETTING TO KNOW YOUR VEHICLE

This section helps you familiarize yourself with your Volvo and includes information about e.g., remote keys, the vehicle's three displays, how to start and switch off the engine. It also tells you how to adjust the seats and make climate system settings.

02. DRIVING AND DRIVER SUPPORT

This section includes information about drive modes and other driver support functions such as Park Assist Pilot (PAP)*, Blind Spot Information (BLIS)* and City Safety.

03. INSTRUMENTS AND CONTROLS

This section explains e.g., lighting controls, wipers, how to operate the trip computer, creating a driver profile and how to use voice commands.

04. INTERNET CONNECTIONS, INFOTAINMENT AND SUPPORT

Your Volvo can connect to the Internet to give you access to information, entertainment and support. This section provides instructions for e.g., pairing and connecting a cell phone to your Volvo, connecting to the Internet and using apps.

05. SUPPLEMENTARY TEXTS

This section contains important information such as warnings, cautions and notes that the driver should be familiar with.



BUTTONS ON THE REMOTE KEY



Press briefly to lock the doors and tailgate and arm the alarm.



Press briefly to unlock the doors and tailgate and disarm the alarm.



Press briefly to unlock and disarm the alarm on the tailgate. Press and hold to open or close the power tailgate*.



"Panic" alarm: Press and hold for at least 3 seconds or press twice within 3 seconds to sound the horn and flash the turn signals. After approx. 5 seconds, press the same button to turn off the function (it will deactivate automatically after approx. 3 minutes).

KEYLESS LOCKING/UNLOCKING*

You only need to have a remote key in your possession to lock or unlock the vehicle. The remote key has to be within a radius of approx. 5 ft. (1.5 meters) from a door handle or approx. 3 ft. (1 meter) from the tailgate (see the illustration).

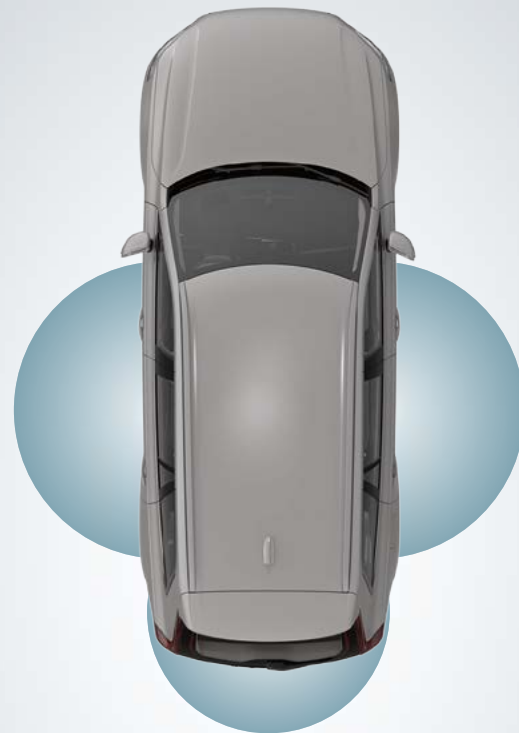
Unlocking and disarming the alarm

1. Grasp one of the door handles or press the rubber-covered button next to the tailgate opening control (avoid doing both at the same time). Unlocking is complete when the turn signals flash twice and the alarm indicator in the windshield goes out.
2. Open the door or tailgate in the normal way.

Locking and arming the alarm

1. Close all of the doors. The tailgate can be open if the vehicle is locked using one of the door handles.
2. Press the marked surface on the outside rear section of a door handle or press the lock button on the lower edge of the tailgate before it is closed (avoid doing both at the same time). Locking is complete when the turn signals flash once and the alarm indicator on the dashboard begins to flash.

To close windows or the panoramic roof* when locking the vehicle, hold the pressure sensitive surface on the outside of a door handle until the window(s)/panoramic roof have closed completely. The windows/panoramic roof will stop if the button is released before they are fully closed.





ADJUSTING A POWER FRONT SEAT*

Adjust backrest tilt by pressing the control forward/rearward.

Raise/lower the seat by moving the rear section of the control up or down. Move the seat forward/rearward by moving the control forward/rearward.

Raise/lower the front edge of the seat cushion by moving the front section of the control up or down.

Adjust lumbar support by pressing the upper/lower/front/rear section of the control.



Settings for the massage function*, side bolsters, lumbar support and extending the seat cushion are linked to the multifunction control*.

1. Activate seat adjustment by turning the control up or down. The seat adjustment view will open in the center display.
2. Select a seat adjustment setting in the center display by turning the multifunction control up or down.
3. Adjust a setting by pressing the multifunction control's upper/lower/front/rear section.

Certain settings can also be made by tapping the center display.

FRONT SEAT MEMORY FUNCTION

The memory function buttons are on one or both of the front doors and can be used to store the settings (positions) of the power seats*, door mirrors and the head-up display*.

Storing settings

1. Adjust the seats, mirrors and head-up display to the desired positions.
2. Press the **M** button and release it. The indicator light in the button will illuminate.
3. Press buttons **1**, **2** or **3** within 3 seconds to store the settings. When they have been stored, an audible signal will sound and the indicator light in the **M** button will go out.

Accessing a stored setting

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

With the door closed: Press and hold one of the memory buttons until the stored positions are reached.





FOLDING DOWN THE REAR SEAT BACKRESTS

When folding down the backrests/head restraints, be sure that they do not come in contact with the backrests of the seats ahead. It may be necessary to move the front/rear seats before the backrests can be folded down.

Second row seats, center position

1. Lower the head restraint manually by pressing the button located between the backrest and head restraint. With the button depressed, press down the head restraint.
2. Pull the center position's strap up/forward while folding down the backrest.

Second row seats, outboard positions

- Pull up the handle on the side of an outboard seat and fold down the backrest. The head restraint folds down automatically.

Third row seats*

- Pull the handle on the upper side of the backrest up/forward. Fold the backrest down. The head restraint folds down automatically.

When returning the second row seats to the upright position, pull the strap/handle up. Be sure the backrests are locked in the upright position. The head restraints must be folded up/raised manually.

GETTING IN AND OUT OF THIRD ROW SEATS*

1. On the second row outboard seats: pull the handle on the upper edge up and forward.
2. Fold down the backrest and push the seat forward.

Return the backrest to the upright position by first moving the seat rearward and then folding up the backrest until it locks in position.



ADJUSTING THE STEERING WHEEL

The steering wheel can be adjusted up/down/fore/aft.

1. Push down the lever under the steering wheel to release it.
2. Adjust the steering wheel to the desired position.
3. Pull back the lever to lock the steering wheel in position.





STARTING AND SWITCHING OFF THE ENGINE

The remote key is not used physically to start the engine since the vehicle has a Passive Start system as standard equipment. The key only has to be in the front section of the passenger compartment.

If the vehicle is equipped with the optional Passive Entry system, the remote key can be anywhere in the passenger compartment.

Start

1. The gear selector must be in the **P** or **N** position.
2. Press the brake pedal.
2. Turn the start knob to **START** and release it.

Switch off

1. Put the gear selector in position **P**.
2. Turn the start knob to **STOP** and release it.

PARKING BRAKE

(P) Setting

- Pull up the parking brake control in the center console. A symbol in the instrument panel will illuminate when the parking brake has been set. Check that the vehicle is stationary.

Manual release

1. Press the brake pedal.
2. Press the parking brake control down.

Automatic release

1. Buckle your seat belt and start the engine.
2. Move the gear selector to **D** or **R** and press the accelerator pedal.

- (A) With the “Auto-hold” function, the driver can release the brake pedal when the car is at a standstill (e.g., at a traffic light) and the brakes will remain applied. The brakes will release when the accelerator pedal is pressed.
- Press the button in the tunnel console to activate/deactivate the function.

Automatic car wash

Before switching off the engine: Deactivate the Auto-hold function and auto activate parking brake functions in the center display's Top view (**Settings > My Car > Electric parking brake > Auto Activate Parking Brake**). Put the gear selector in position **N**. Turn and hold the start knob to **STOP** for at least 4 seconds.





THE VEHICLE'S THREE DISPLAYS

Instrument panel

This display shows vehicle and driving-related information using gauges, indicators, and indicator/warning lights.

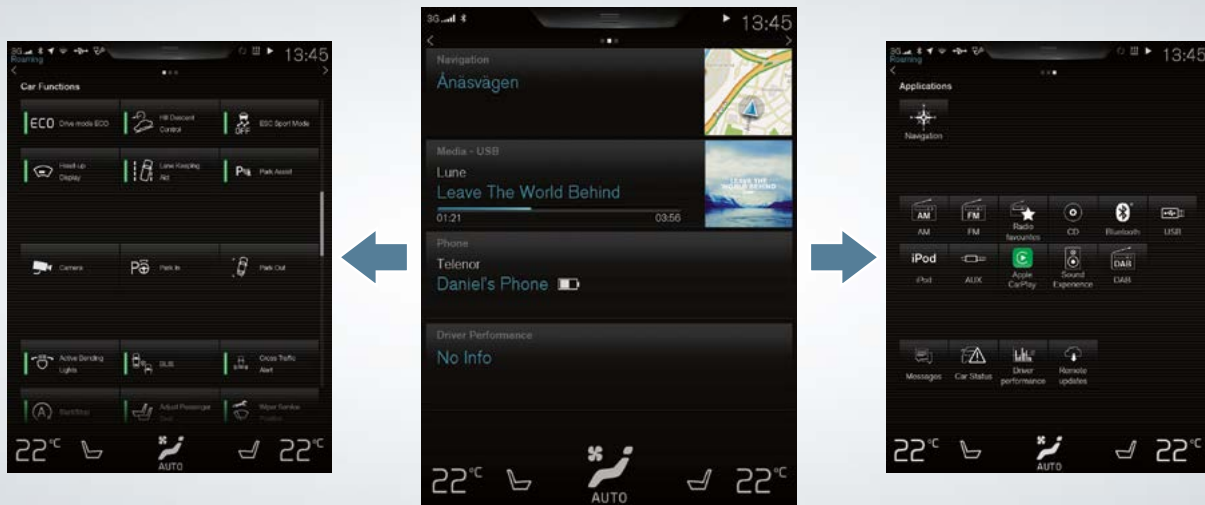
Different themes can be selected to change the appearance of the center display. From the center display's Top view, select **Settings > My Car > Displays**. It is also possible to select the type of information that is displayed in the background, such as the song currently playing.

Center display

Many of the vehicle's primary features and functions, such as the climate and infotainment systems and system updates can be controlled from this display.

Head-up-display (HUD)*

The head-up-display supplements the instrument panel and projects e.g., traffic sign information, speed-related information and navigation on the lower section of the windshield.



NAVIGATING IN THE CENTER DISPLAY

Function view

Swipe the screen from left to right to access this view. From here, various vehicle functions such as the **head-up display (HUD)*** can be activated/deactivated by tapping it. In certain cases, the function selected will open in a window of its own.

Exit the menu structure by pressing the Home button below the screen.

Home view

This is the first view shown when the display starts and it shows the **Navigation**, **Media**, **Phone** sub-views as well as an additional sub-view.

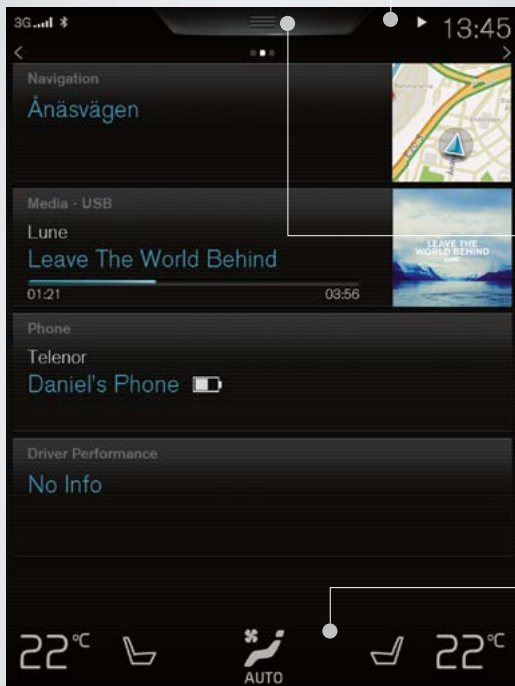
An app/function selected in the App/Function views (e.g., **FM radio** or **Media**) will start in their respective sub-views in Home view.

Tap a sub-view to expand it to display additional information.

App view

Swipe the screen from right to left to access the view of the apps installed in the vehicle such as **FM radio** and **CD***. Tap an app to open it.

Press the Home button below the screen to return to Home view.




Status bar

Ongoing activities in the vehicle are shown at the top of the screen in the status bar. Network and connection information is shown to the left and media-related information, the clock and current background activities are shown to the right.

Top view

Tap (or pull down) the tab at the center of the status bar at the top of the screen to open Top view. This provides access to **Settings**, **Owner's manual**, **Profile** and the vehicle's stored messages.

Climate bar

The Climate bar is located at the bottom of the screen and is always visible. The most common climate system settings can be made there, such as temperature, seat heating* and blower speed. Tap  at the bottom of the screen to open Climate view to access additional settings.

CLIMATE SYSTEM SETTINGS

Climate system functions for the front and rear sections of the passenger compartment are controlled from the center display, using buttons on the center console and the climate panel on the rear side of the tunnel console*. Some functions can be controlled using voice commands. Certain climate system information is always shown at the bottom of the center display in the climate bar, where certain settings can also be made.



Climate view button at the bottom center of the screen. The graphic in the button shows the currently activated climate system settings. When **Clean Zone** is blue, this indicates that the conditions for good air quality in the passenger compartment have been met. Open Climate view by tapping the button.



Tap **AUTO** in Climate view to activate/deactivate automatic control of certain climate system functions.



Tap the left or right temperature icons to set the temperature for the driver and passenger sides. These icons are always visible at the bottom of the screen and the temperature can be set even if Climate view is not open. To synchronize the temperature for all of the vehicle's zones with the driver side's temperature, tap the driver side's temperature icon and then tap **Synchronize temperature**.



Controls for heated and ventilated* front seats and heated steering wheel*. Tap the left or right side seat and/or steering wheel icon to open the control. Tap repeatedly on the respective icon to select different levels.





CLEAN ZONE: BETTER PASSENGER COMPARTMENT AIR QUALITY

The Interior Air Quality System (IAQS*) is part of the Clean Zone Interior Package* and is a fully automatic system that filters passenger compartment air to help remove gases, particles and other contaminants.

1. Tap **Settings** in the center display's Top view.
2. Tap **Climate**.
3. Select **Air quality sensor** to activate/deactivate the air quality sensor.



CLEANING THE CENTER DISPLAY



The center display starts automatically when the driver's door is opened. The display should be turned off for cleaning.

1. Turn the center display off by pressing and holding the Home button.
2. Wipe the screen with the microfiber cleaning cloth provided or with a microfiber cloth of similar quality. Wipe with small, circular movements. Moisten the cloth slightly with clean water if necessary.
3. Turn the screen on again by briefly pressing the Home button.

The center display is turned off automatically when the ignition is switched off and the driver's door is opened.





POWER TAILGATE*

Opening alternatives

- Press and pull up the handle on the tailgate.
- Press and hold the  button on the remote key until the tailgate begins to open.
- Press and hold the  button on the lighting panel (to the left of the steering wheel) until the tailgate begins to open.
- With the remote key within range, move your foot slowly forward **once** in a kicking motion below the left section of the rear bumper* without touching the bumper (the kicking motion should be toward the left rear side of the vehicle if it is equipped with a skid plate/ diffuser*) and take a step back (see the illustration). An audible signal will sound when the tailgate begins to open.

The tailgate's maximum opening angle can be programmed, for example, if the tailgate has to be opened in a garage with a low ceiling.

Closing alternatives

- Press the * button on the lower edge of the tailgate to close it only (it will not be locked). Press the * button* on the lower edge of the tailgate to close and lock it.
- Press the  button on the remote key.
- Press the  button on the lighting panel.
- With the remote key within range, move your foot slowly forward **once** in a kicking motion below the left section of the rear bumper without touching the bumper (the kicking motion should be toward the left rear side of the vehicle if it is equipped with a skid plate/ diffuser*) and take a step back. An audible signal will sound when the tailgate begins to close.





DRIVE MODES*

Select a drive mode best suited to the current driving conditions. Not all drive modes can be selected in every situation.

1. Press the **DRIVE MODE** control in the tunnel console. A pop-up window will open in the center display.
2. Roll the control up/down until the desired mode is highlighted in the center display.
3. Press the control to select. The drive mode can also be selected by tapping it in the center display.

Drive modes

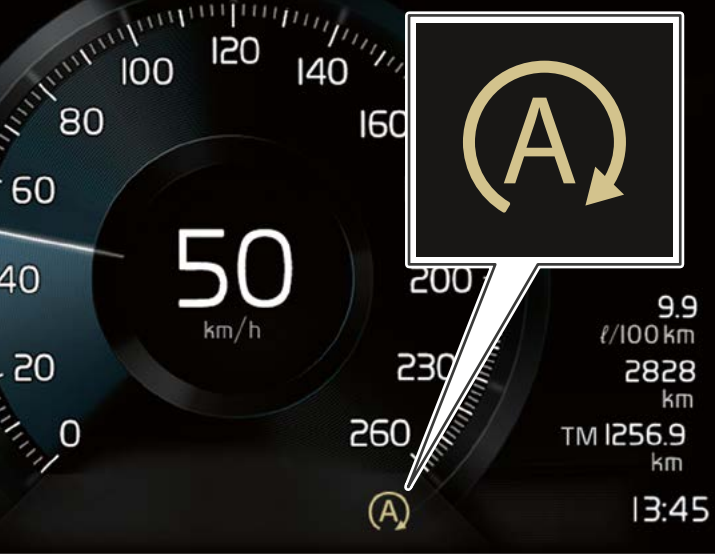
Comfort: the default mode when the engine is started.

Eco: for energy efficient driving. This mode can also be selected directly from the center display's Function view.

Off road: maximizes the vehicle's capacity to traverse difficult terrain and poor roads.

Dynamic: sportier characteristics for a more active driving style.

Individual: adapt drive modes **Comfort**, **Eco** or **Dynamic** to your personal preferences. To be accessible, this drive mode has to first be activated from the center display's Top view, under **Settings > My Car > Individual Drive Mode**.



START/STOP FUNCTION

This function temporarily turns off the engine when the vehicle is at a standstill and restarts it as soon as driving resumes. This function is activated each time the engine is started and is activated if certain conditions are met.

Auto-stopping the engine

- Apply the brakes to stop the vehicle and maintain pressure on the brake pedal. In models with an 8" instrument panel, a beige symbol (A) will be displayed. For 12" instrument panels, the indicator in the tachometer will point toward **READY** when the engine is auto-stopped. If the **Comfort** or **Eco** drive modes are activated, the engine can be auto-stopped before the vehicle comes to a complete standstill.

Alternatives for auto-starting the engine

- Release the brake pedal. If auto-hold is activated, press the accelerator pedal.
- Retain pressure on the brake pedal and press the accelerator pedal.
- On downslopes: Release the brake pedal and let the vehicle begin to roll. The engine will auto-start after a slight increase in speed.
- If Adaptive Cruise Control* or Pilot Assist* are activated, press the accelerator pedal or press \odot^+ on the left-side steering wheel keypad.

Turning off the function



- Tap the **Start/Stop** button in the center display's Function view to turn it off. The function will remain off until it is reactivated by the driver, the engine is switched off and then restarted or until the **Comfort** or **Eco** drive mode is selected.

DRIVER SUPPORT CONTROLS

Functions such as Speed limiter*, Cruise control, Adaptive cruise control* and Pilot Assist* can be selected using the ◀ and ▶ keys in the left-side steering wheel keypad. A white symbol indicates that a function is active; a gray symbol indicates that the function has been canceled or is in standby mode.

Symbols in the instrument panel



Speed limiter: Helps prevent the vehicle from exceeding a set max. speed.





Cruise control: Helps maintain a set speed.



Adaptive cruise control: Helps maintain a set speed and/or a preselected time interval to the vehicle ahead.



Pilot Assist (PA): At speeds below 30 mph (50 km/h), this function helps keep the vehicle in its current traffic lane, at a set time interval to the vehicle ahead. There are two versions of PA: PA-1  or PA-2 . See the symbol in the instrument panel. PA-1 provides assistance up to 30 mph (50 km/h). PA-2 provides assistance up to 87 mph (140 km/h).

Symbols on the left-side steering wheel keypad



Press to activate or cancel the selected function. If these functions are active, set the current speed for the speed limiter/cruise control/adaptive cruise control.



Press to increase the set speed or to resume a previously set speed for the speed limiter/cruise control/adaptive cruise control.

Press briefly to increase speed in 5 mph (5 km/h) increments.

Press and hold to increase the speed 1 mph (1 km/h) at a time.



Press to reduce the set speed.

Press briefly to decrease speed in 5 mph (5 km/h) increments.

Press and hold to decrease the speed 1 mph (1 km/h) at a time.



Adaptive cruise control and Pilot Assist: Reduce the distance to the vehicle ahead.



Adaptive cruise control and Pilot Assist: Increase the distance to the vehicle ahead.

DRIVER SUPPORT SYSTEMS

City Safety

City Safety alerts the driver of obstructions using visual and audible signals. The brakes will be applied automatically if the driver does not react in time. City Safety can e.g., help prevent a collision and assist the driver if there is a risk of colliding with another vehicle, a pedestrian or a cyclist.

City Safety is activated automatically when the engine is started.



Park Assist Pilot (PAP)*

PAP assists in parking or leaving a parking space by e.g., scanning a potential parking space and thereafter controlling the steering wheel to guide the vehicle. The driver's task is to check the area around the vehicle, follow the instructions in the center display, select the appropriate gear, control the vehicle's speed, and brake and stop the vehicle.

Parking

1. Tap **Park in** in the center display's Function view. The vehicle's speed may not exceed 20 mph (30 km/h) during parallel parking or 12 mph (20 km/h) for perpendicular parking. The distance between the vehicle and the parking space must be 1.6-5 ft (0.5-1.5 m).
2. Be prepared to stop the vehicle when prompted by a graphic and text in the center display when a suitable parking space has been detected. A pop-up window will appear.
3. Select **Parallel parking** or **Perpendicular parking** and put the gear selector in **R**.
4. Follow the instructions on the center display and be prepared to stop the vehicle when prompted to do so.





Leaving a parking space

This function can only be used for parallel parking.

1. Tap **Park out** in Function view.
2. Follow the instructions on the center display.



Park Assist Camera*

This camera helps the driver see what is around the vehicle and to indicate potential obstructions using a camera image and graphics in the center display. The camera view and guiding lines are selected in the center display. The camera starts automatically when the gear selector is in **R**. This setting is made in the center display's Top view in **Settings, My Car > Park Assist > Auto Camera Reverse Activation**.

The camera can also be started manually by tapping the **Camera** button in Function view to activate/deactivate.



Lane Keeping Aid (LKA)*

If the vehicle is about to inadvertently cross a driving lane's marker lines, LKA will actively guide the vehicle back into the lane through slight force on the steering wheel. When the vehicle reaches or crosses a line, the driver will be alerted by an audible signal or vibrations in the steering wheel.

- Tap the **Lane Keeping Aid** button in Function view to activate/deactivate.

LKA settings can be made in the center display's Top view under **Settings**. Select **My Car > IntelliSafe > Lane Keeping Aid**. Select e.g., **Sound** under **Lane Keeping Aid Warning Feedback**.

If the vehicle is equipped with the optional Run-off Mitigation system, additional support can be provided if it is about to go off the road. Brake and steering support will be provided automatically. To activate, select **My Car > IntelliSafe > Lane Keeping Aid** and tap the **Assistance in case of road departure** box.



Blind Spot Information (BLIS)*

BLIS informs the driver of vehicles in the door mirrors' blind angles or of rapidly approaching vehicles in the driving lanes to the right and/or left of your vehicle..

- Tap the **BLIS** button in the center display's Function view to activate/deactivate.












Cross Traffic Alert (CTA)*

CTA alerts the driver to crossing traffic behind your vehicle when backing up or if reverse gear is selected. CTA is activated automatically when the engine is started.

- Tap the **Cross Traffic Alert** button in the center display's Function view to activate/deactivate.

WIPERS AND RAIN SENSOR*

The wipers and rain sensor are controlled from the right steering wheel lever.

-  Move the lever down and release it for a single sweep.
-  Move the lever to position **0** to turn off the windshield wipers.
- INT** Move the lever to **INT** (interval). Set the interval speed by moving the thumb wheel up or down.
-  Move the lever up for the wipers to operate at normal speed.
-  Move the lever up to the next position for maximum wiper speed.
-  Press rain sensor button to activate/deactivate the rain sensor, which monitors the amount of water on the windshield and starts the wipers automatically when needed. Turn the thumb wheel for higher/lower sensitivity.
-  Pull the right-side steering wheel lever toward the steering wheel to start the windshield and headlight* washers.
-  Push the right-side steering wheel lever forward to start the tailgate wiper/washer.
-  Press for tailgate interval wiper.
-  Press for tailgate continuous wiper.



The windshield wiper blades must be in the vertical (service) position for replacement, washing or to lift them away from the windshield when e.g., removing ice or snow.


The service position can be activated while the vehicle is stationary and the wipers are not activated.

Tap the **Wiper Service Position** button in the center display's Function view. The windshield wipers will move to the vertical position.



AUTO LIGHTING MODE

With the left-side steering wheel lever in the **AUTO** position:

- The Daytime Running Lights will be on (the low beam headlights will automatically switch on in dark conditions).
- Tunnel detection will be activated.
- High beam flash can be used. Continuous high beams can be used if the low beams are on.
- Active High Beams (AHB) can be activated. Activate/deactivate by turning the thumb wheel to  and releasing it. Activate high beams manually by pushing the lever toward the instrument panel. Deactivate by pulling the lever back toward the steering wheel.

03



RAISING AND LOWERING THE VEHICLE*

The vehicle's height can be changed manually to make getting in/out and loading easier.

Entering/exiting assistance*

1. Tap **Settings** in the center display's Top view.
2. Tap **My Car > Suspension**.
3. Select **Easy Entry/Exit Control**. When the vehicle is parked and the engine is not running, the vehicle will be lowered (the level change will stop if a door is opened). When the engine is started and the vehicle begins to move, the level will be raised according to the drive mode currently selected.

For easier loading, use the buttons on the rear edge of the cargo compartment to raise/lower the level of the cargo compartment floor. Press and hold the respective buttons until the desired level has been reached.



INSTRUMENT PANEL CONTROLS

The instrument panel is controlled from e.g., the right-side steering wheel lever, making it possible to select what is to be displayed.



Open/close the instrument panel's App view to control the trip computer, media player, a connected cell phone and the navigation system.



Scroll among the various apps by pressing the left or right arrow keys.



Select, deselect or confirm a choice.



Scroll up or down in the selected app's functions by pressing the up or down arrows.






TRIP COMPUTER

The trip computer registers and calculates e.g., mileage, fuel consumption and average speed. You can choose the type of trip computer information that will be displayed in the instrument panel.

Distance to empty

The trip computer calculates the distance that can be driven on the amount of fuel remaining in the tank.

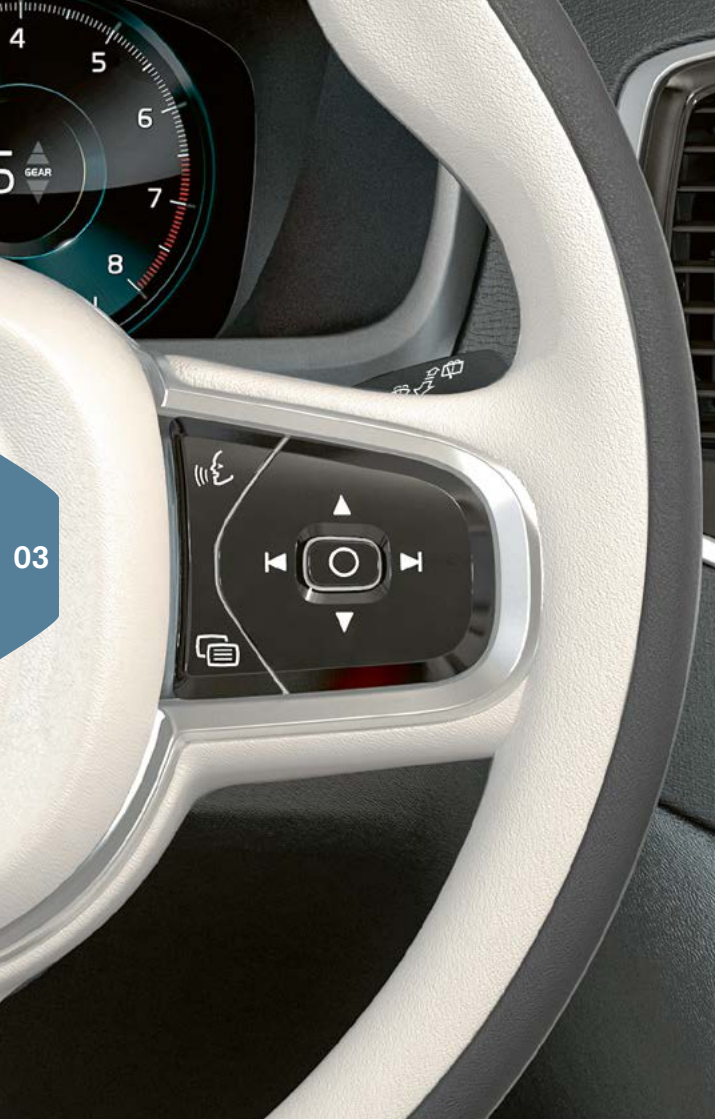
Use the buttons on the right-side steering wheel keypad to display **Distance to empty**.

1. Press .
2. Navigate to the trip computer app using  or .
3. With the trip computer app highlighted, use  to scroll down to **Distance to empty**.
4. Select **Distance to empty** by pressing .

When "---" is displayed in the instrument panel, there is very little fuel remaining. Refuel as soon as possible.

Resetting the trip odometers

The manual trip odometer (TM) is reset manually by pressing and holding the **RESET** button on the left steering wheel lever. The automatic trip odometer (TA) is reset automatically when the ignition has been switched off for at least 4 hours.




VOICE CONTROL

The voice control system enables the driver to control certain functions in the media player, the Sensus navigation system, the climate system and a Bluetooth-connected cell phone. Voice commands are given either as direct commands from the user or in dialog form with verbal responses from the system.




Press this button on the right-side steering wheel keypad to activate the voice control system and initiate a command dialog.

Examples of voice commands:

- Press . Say **"Navigation"** to start a navigation system dialog.
- Press . Say **"Raise temperature"** to raise the temperature one step.
- Press . Say **"Play Robyn"** to play music by the selected artist.

Voice commands that can be used at any time:

- **"Repeat"**: repeats the most recent system response.
- **"Cancel"**: cancels a dialog. Pressing and holding  will also cancel a dialog.
- **"Help"**: starts a help dialog.

Keep in mind:

- Speak after the tone in a normal tone of voice at a normal speed.
- Avoid speaking when the system is responding.
- Avoid background noise by keeping the vehicle's doors, windows and panoramic roof* closed.

Consult your owner's information for more information about voice controls and examples of voice commands.



GLOVE COMPARTMENT

Opening



- Press the button under the center display at the far right to open the glove compartment.

Locking/unlocking

Private locking locks the glove compartment and tailgate. This function can be activated/deactivated in two ways from the center display:



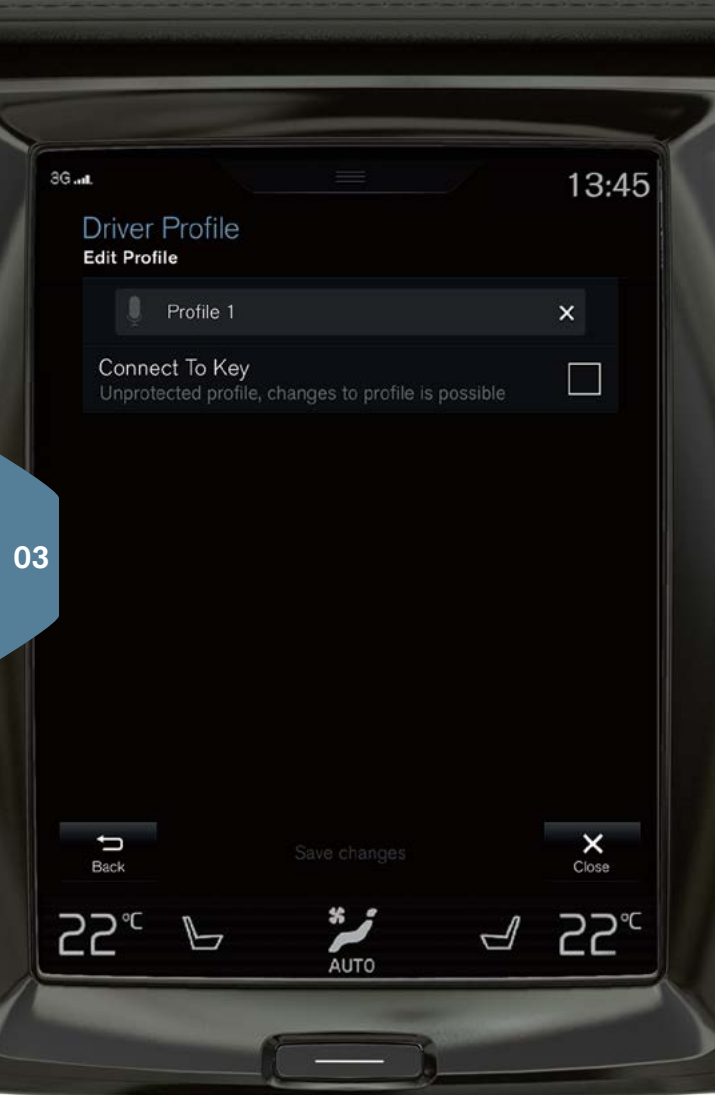
Method 1: Tap **Private locking locked** in Function view to activate/deactivate.

Method 2: Tap **Settings > My Car > locking** in Top view and select **Private locking**.

A pop-up window will appear to indicate activation/deactivation.

A 4-digit security code will have to be selected each time the function

is used. When the function is used for the first time, an extra security code has to be selected. This code is used to reset the one-time code if necessary. In either case, enter the code and tap **Confirm**.



DRIVER PROFILES

Many of the vehicle's settings can be adapted to the driver's personal preferences and saved in one or more driver profiles.

Changes made to personal settings are saved automatically in the active (current) driver profile. Each of the vehicle's remote keys can be linked to a driver profile. When the key is used to unlock the vehicle, the settings stored in the driver profile linked to that key will be applied.

Linking a remote key to a driver profile

1. Tap **Settings** in the center display's Top view.
2. Tap **System > Driver profile**.
3. Tap the profile to be linked to the remote key. The **Guest** profile cannot be linked to a remote key.
4. Open the center display's Top view and tap **Settings > System > Driver profile > Edit profile**.
5. Select **Connect key** to link the selected profile to the remote key currently being used. When **Profile connected to key** is displayed, the remote key and the selected driver profile have been linked.
6. Tap **OK** to confirm.

The key currently in use will remain linked to the selected driver profile as long as the **Connect key** box is not deselected. When the same key is used to unlock the vehicle, the driver profile linked to that key will be applied automatically. If the key has not been linked to a driver profile, the profile used most recently will be applied.

A driver profile can be selected manually each time the vehicle is unlocked/started without a remote key being linked to it. The number of profiles available is determined by the number of keys that are registered for use with the vehicle.



PAIRING AND CONNECTING A BLUETOOTH CELL PHONE

Pair a cell phone with the vehicle and connect it to make/receive calls, send/receive text messages, stream media and connect to the Internet. Two Bluetooth devices can be connected at the same time, one of which can only be used to stream media. The two most recently connected cell phones (if they are in the vehicle) will be connected automatically when the ignition is switched on. Bluetooth must be activated in the cell phone before the ignition is put in mode **I** or higher.

Searching for a cell phone from the vehicle

1. Make the phone discoverable/visible using its Bluetooth settings.
2. Activate tethering (sharing an Internet connection) in the phone via its Bluetooth settings.
3. Open the **Phone** sub-view in the center display. Tap **Add phone**. If the phone is already paired, tap **Change** and in the pop-up window that appears, tap **Add phone**.
4. Tap the name of the phone to be connected.
5. Check that the code displayed in the vehicle is the same as the one in the phone. Confirm in both places.
6. For the phone selected, accept or cancel the alternatives for the phone book (list of contacts), text messages, etc. The text message function may have to be activated on certain cell phones¹.

The phone is now connected and can be controlled from the vehicle.

¹ Go to support.volvocars.com for a list of compatible cell phones.



MAKING, ANSWERING AND ENDING PHONE CALLS

Phone calls can be made and answered using a Bluetooth-connected cell phone.

Making a call from the center display

1. Open the **Phone** sub-view in the center display's Home view.
2. Make a call from a list of calls, a list of contacts (phone book) or enter a number using the keyboard.
3. Tap **Call** or , depending on the alternative selected in step 2.

Making a call from the right-side steering wheel keypad

1. Tap and scroll to **Phone** by pressing or .
2. Scroll in the list of calls using and select by pressing .

Calling a contact using voice commands

- Press and say "Call [contact]".

Answering/declining/ending a call

Answer: Press on the right-side steering wheel keypad or tap **Answer** in the center display.

Decline: Highlight **Decline** by pressing on the right-side steering wheel keypad and confirm by pressing , or tap **Decline** in the center display.

End a call

- Press on the right-side steering wheel keypad to confirm that you would like to end a call or tap **End call** in the center display.



CONNECTING TO THE INTERNET

Via Bluetooth

Connect to the Internet in the same way as when connecting a cell phone to the vehicle.

Via Wi-Fi

1. Activate tethering in the cell phone.
2. Tap **Settings** in the center display's Top view.
3. Tap **Communication > Wi-Fi** and activate by tapping the Wi-Fi box.
4. Tap the desired network name and enter its password.
5. If another type of connection has been used previously, confirm the change to the new connection.

Some cell phones deactivate tethering if the connection between the phone and the vehicle is broken. Tethering will have to be reactivated in the phone the next time it is used.

Via a USB connection

1. Connect the phone to the vehicle's USB socket in the tunnel console using a cable.
2. Activate tethering via USB in the phone.
3. If another type of connection has been used previously, confirm the change to the new connection.

Via the vehicle's modem²

1. Place a SIM card in the holder in the cargo compartment (see the illustration).
2. Tap **Settings** in the center display's Top view.
3. Tap **Communication > Vehicle modem Internet**.
4. Activate by tapping the **Vehicle modem Internet** box.
5. If another type of connection has been used previously, confirm the change to the new connection.

² When the modem is used to make the connection, the Volvo On Call services will use this connection.



6. Enter the SIM card's PIN code.

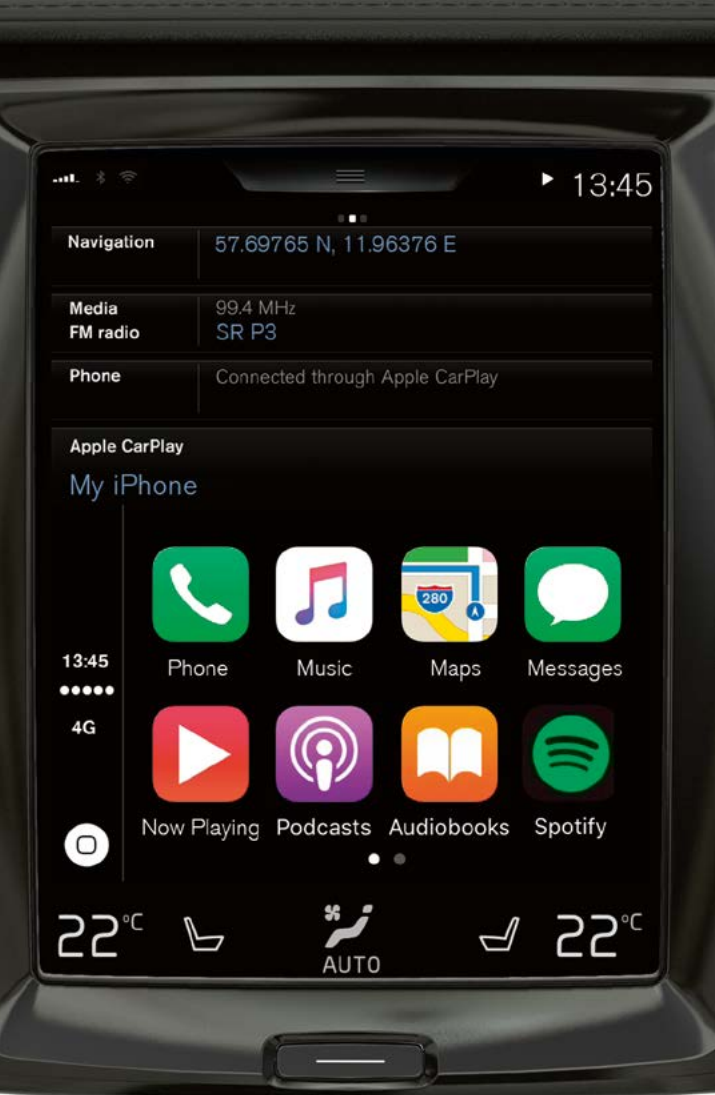
Wi-Fi tethering (hotspot)

When the vehicle is connected to the Internet, tethering (sharing a Wi-Fi hotspot) can be used to allow other devices to access the vehicle's Internet connection³.

1. Tap **Settings** in the center display's Top view.
2. Tap **Communication > Vehicle Wi-Fi hotspot**
3. Select a **Network name** for the hotspot.
4. Select the **Password** to be used by devices that will connect to the hotspot.
5. Select the **Frequency band** that the hotspot will use to transmit data (not available in all markets).
6. Tap the **Vehicle Wi-Fi hotspot** box to activate.
7. If another connection source has been used previously, confirm the new connection.

When the hotspot (tethering) is activated,  will appear in the center display's status bar. Tap **Connected devices Vehicle Wi-Fi hotspot** to see a list of connected devices.

³ Does not apply to a Wi-Fi connection. The network service provider (SIM card) must support tethering.



APPLE CARPLAY*

Apple CarPlay makes it possible to use certain apps in an iPhone via the vehicle to e.g., listen to music or podcasts, etc. Interaction is done through the center display or through the iPhone.

If a cell phone or a media player is connected via Bluetooth, it will not be accessible while Apple CarPlay is active because Bluetooth will be disabled.

Using Apple CarPlay


Voice control with Siri has to be activated in the iPhone before using Apple CarPlay.



1. Connect an iPhone to the USB socket in the tunnel console. If there are two USB sockets, connect to the one with the white frame.
2. Tap **Apple CarPlay** in the center display's App view. If this is the first time the iPhone has been connected, agree to the conditions.

The Apple CarPlay sub-view will open and compatible apps will be displayed.

Controlling Apple CarPlay with voice commands

Press and hold the  button on the right-side steering wheel keypad to activate voice control via Siri. Press briefly to activate the vehicle's own voice control system.

If the vehicle is not already equipped with Apple CarPlay, it can be retro-fitted. Contact a Volvo retailer.

Information about the apps supported and compatible cell phones is available from Apple at: www.apple.com/ios/carplay/.

PLAYING MEDIA FROM EXTERNAL DEVICES

The media player can play audio from external devices connected to the AUX/USB sockets or by wireless Bluetooth streaming.

Bluetooth-connected devices



1. Pair and connect the device to the infotainment system in the same way as for a cell phone.
2. Start playback from the device.
3. Open **Bluetooth** in the center display's App view. Playback will begin.

Playing media from a USB flash drive



1. Connect the device to the USB socket in the tunnel console.
2. Start the **USB** app in the center display's App view and select a track, etc. Playback will begin.

Playing media from an Mp3 player or an iPod



1. Connect the device to the AUX or USB socket in the tunnel console.
2. Start playback from the device.
3. Open **iPod**, **USB** or **AUX** (depending on the type of connection being used). For playback from an iPod, select the **iPod** app regardless of how the device is connected.


If there are two USB sockets, use the one with the white frame when connecting an iPhone to be used with Apple Carplay*.




SENSUS NAVIGATION GUIDANCE

Tap the **Navigation** sub-view in the center display's Home view.

Entering an address as a destination:

1. Tap  – **Set dest.** The map will change to a search by address screen.
2. Tap the respective fields to fill in **Country** and **State/Province**, etc.

Selecting a destination by tapping the map:

1. Maximize the map by tapping .
2. Scroll to the desired destination on the map. Press and hold the point on the map. An icon will be created and a menu will be displayed.
3. Tap **Go there** to start navigation.

Deleting a destination:

1. Tap the destination's icon.
2. Tap **Delete**.

Changing a destination's position:

- Press the destination's icon, drag it to the desired point on the map and release it.



APPS IN THE CENTER DISPLAY

The center display's App view contains apps that have been downloaded (third-party apps) as well as integrated ones for functions such as **FM radio**.

Certain apps can only be used if the vehicle is connected to the Internet.

Arranging apps

1. Press and hold the app. It will change size and become slightly transparent.
2. Drag the app to an available position in the view and release it.





VOLVO ID

A Volvo ID is personal and provides access to a wide range of on-line services such as downloading maps, etc.

Using the vehicle's Volvo ID app, a Volvo ID can be created and registered to the vehicle at the same time.

A Volvo ID can also be created using My Volvo or the Volvo On Call (VOC) mobile app and the ID can then be registered to the vehicle.

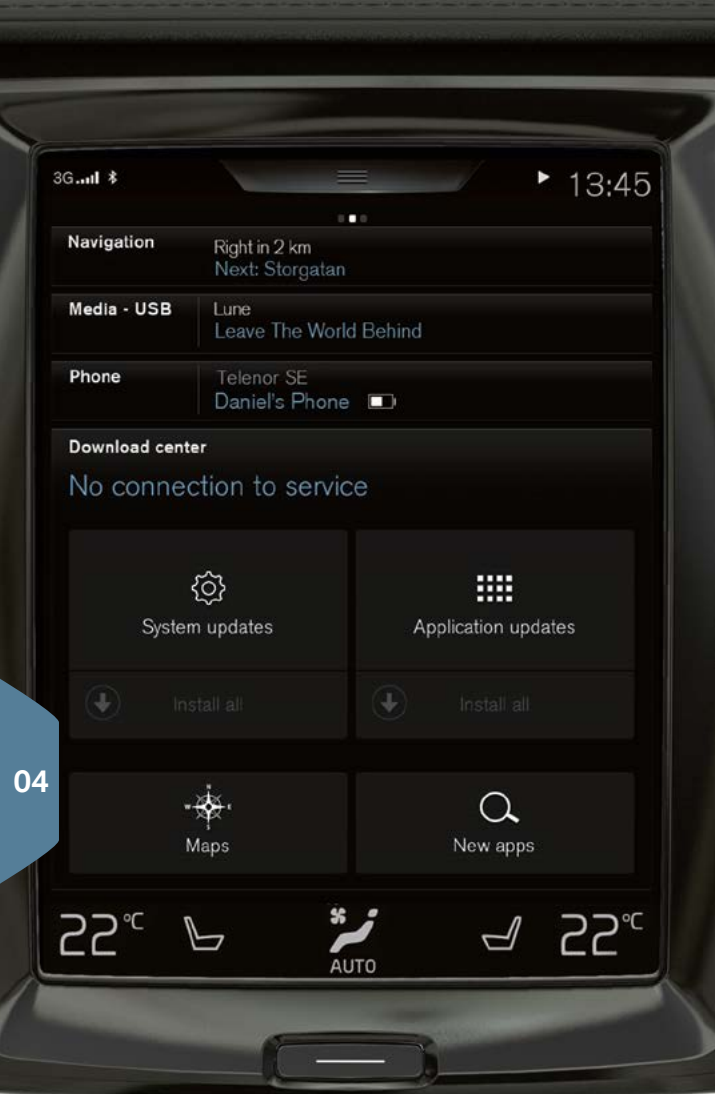
Creating and registering a Volvo ID using the Volvo ID app

1. Download the Volvo ID app from **Download center** in the center display's App view.
2. Start the app and enter a personal email address (or your Volvo ID if you have already created one).
3. Follow the instructions that will be automatically sent to this email address.

Creating a Volvo ID using My Volvo or the VOC mobile app

1. **My Volvo:** Go to www.volvocars.com and navigate to My Volvo.
VOC mobile app: Use your cell phone to download the latest version of the VOC mobile app from the App Store, Windows Phone Store or Google Play.
2. Enter a personal email address and follow the instructions that will be automatically sent to this email address.

A Volvo ID has now been created. Register the ID to the vehicle from the Volvo ID app to get access to the various Volvo ID services.



MANAGING AND UPDATING APPS AND SYSTEM SOFTWARE



- Tap **Download Center** in App view to make updates. In order to perform remote updates, vehicle must be connected to the Internet. Tapping **Download Center** opens a download app.

Downloading/updating/uninstalling apps

Downloading: Tap **New apps** and select an app. Tap **Install** to start the download.

Updating: Tap **Install all** to update all apps. Select **Application updates** to display a list of available updates. Select an app and tap **Install**.

Uninstalling: Tap **Application updates** and select an app. Tap **Uninstall** to start the uninstalling process.

Searching for and updating system software

- Tap **System updates** to display a list of available updates. Tap **Install all** to update all system software or tap **Install** to update individual software.

Moving apps

Apps and buttons for vehicle functions in the App and Function views can be moved and organized according to your preferences. To do so:

1. Press and hold an app/button.
2. Drag the it to an available position in the view.



VOLVO ON CALL

The Volvo On Call mobile app (a personal Volvo ID is required to use the mobile app) makes it possible to use the preconditioning function to cool or heat the passenger compartment before driving. Preconditioning can also be started in the center display's Climate view. The app can also be used to lock/unlock the vehicle from another location, see where the vehicle is parked, keep a driving log, etc. The mobile app can be downloaded from the App Store, Windows Phone Store or Google Play.

Volvo On Call services also include roadside assistance or help in an emergency situation:

- Press the **ON CALL** or **SOS** buttons on the ceiling console to contact the VOC customer service center.

The Volvo On Call services available vary from country to country. Contact a Volvo retailer for additional information about the services that are available.




CONNECTED SERVICE BOOKING (CSB)

Connected Service Booking makes it possible to use the vehicle's Internet connection to set up a time for service, maintenance and/or repairs.

To send an appointment request⁴:



1. In the center display's App view, open the **Car status** app.
2. Tap **Appointments > Request appoint.**
3. Check that your **Volvo ID** is filled in correctly.
4. Check that the correct preferred retailer is listed or if you prefer, tap the  button to initiate a call to the retailer.
5. Tap **Send appointment request**. Your request and vehicle data will be sent to your retailer through the vehicle's Internet connection.
6. Volvo will send a booking invitation to your email address.

⁴ A Volvo ID is required. The engine must be running in order to send an appointment request.



LOCATION OF THE AUX, USB AND ELECTRICAL SOCKETS

AUX and USB sockets

The AUX and USB sockets are located under the tunnel console armrest.

Electrical socket

The vehicle has four electrical sockets:

- There is a 12-volt socket in the tunnel console storage compartment.
- There is a 12-volt and a 120-volt socket on the rear side of the tunnel console.
- There is also a 12-volt socket in the cargo compartment.

The ignition must be in at least mode **I** for the electrical sockets to provide current.

SUPPLEMENTARY TEXTS

The owner's manual and other owner's information contain safety-related instructions and all warnings, cautions and notes, which must be read. Not all functions are available in all markets.

WARNINGS

Folding down the rear seat backrests

When one or more sections of the backrest is returned to the upright position, check that it is properly locked in place by pushing and pulling it. The outboard head restraints in the second row of seats must always be in the upright position if the third-row seats* are occupied.

Starting and switching off the engine

Always remove the remote key from the passenger compartment when leaving the vehicle and ensure that the ignition is in mode **0**.

Parking brake

Use the parking brake when parking on inclines. Putting the transmission in the **P** position may not be adequate to keep the vehicle at a standstill.

Power tailgate*

Pay attention to the risk of injury when opening/closing the tailgate. Before opening/closing: Make sure that no one is in the path of the tailgate as an injury could occur.

Pilot Assist*

Pilot Assist is designed to be a supplementary driving aid and cannot cover all driving situations, traffic, weather and/or road conditions. The driver should be familiar with all of the information in this article regarding Pilot Assist, including its limitations. Pilot Assist is not intended to replace the driver's attention and judgement. Pilot Assist must only be used where there are clearly visible traffic lane side marker lines on both sides of the current traffic lane. In other circumstances there is an increased risk of collision with surrounding

obstacles that are not detected by the system. The driver is always responsible for steering the vehicle and maintaining a suitable speed and distance to the vehicle ahead and must intervene if necessary, even if Pilot Assist is being used.

City Safety

City Safety™ is a supplemental aid to the driver. It can never replace the driver's attention to traffic conditions or his/her responsibility for operating the vehicle in a safe manner. City Safety™ does not function in all driving situations or in all traffic, weather or road conditions. Warnings will only be provided if there is an imminent risk of a collision taking place. The driver should be aware of the system's limitations before operating the vehicle.

Warnings for pedestrians and cyclists will not be provided if the vehicle's speed is above 43 mph (70 km/h). City Safety's auto-brake function can help prevent a collision or reduce the speed at which a collision occurs. However, the driver should always apply the brakes, even if auto-brake is operating. The driver is always responsible for maintaining the correct speed and distance in relation to the vehicle ahead. Never wait for a collision warning or for City Safety to intervene. City Safety maintenance may only be carried out by a trained and qualified Volvo service technician.

Park Assist Pilot (PAP)*

PAP does not function in all situations and is only intended to assist the driver during parallel or perpendicular parking. As the driver, you have full responsibility for parking the vehicle in a safe manner.

Park Assist Camera*

PAC is designed to be a supplementary aid when parking the vehicle. It is not, however, intended to replace the driver's attention and judgement. The camera has blind spots where it cannot detect objects or people behind the vehicle. Pay particular attention to people or animals that are close to the vehicle. Objects seen on the screen may be closer than they appear to be.

Lane keeping Aid (LKA)*

LKA is only intended to assist the driver and does not function in all driving, weather, traffic or road conditions. As the driver, you have full responsibility for operating the vehicle in a safe manner.

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

BLIS and CTA are information systems, NOT warning or safety systems and do not function in all situations. BLIS and CTA do not eliminate the need for you to visually confirm the conditions around you, and the need for you to turn your head and shoulders to make sure that you can safely change lanes or back up. As the driver, you have full responsibility for changing lanes/backing up in a safe manner.

Using voice control

The driver is always responsible for operating the vehicle in a safe manner and adhering to all current traffic regulations.

Using the Sensus Navigation system

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.

Volvo On Call (VOC)

This system only functions in areas where VOC's partner organizations have cell phone reception. Just as with a cell phone, atmospheric disturbances or areas with few cell phone transmitting masts may make it difficult or impossible to make a connection.

In addition to the owner's manual, refer also to your VOC service agreement for information about VOC warnings/cautions/notes.

CAUTIONS

Folding down the rear seat backrests

To help avoid damage to the seat upholstery, before a rear seat backrest is folded down, remove any objects from the seat and ensure that the seat belts are not buckled. The integrated booster cushion* in the center position must be stowed (folded down) before the backrest is folded down. The center seating position armrest must be folded up before the backrest is folded down.

The vehicle's three displays

The HUD's projection unit is located in the dashboard. Avoid scratching or placing objects on the unit's glass surface.

Climate system settings

Seat ventilation* cannot be started if the passenger compartment temperature is too low to help avoid discomfort to the seat's occupant.

Cleaning the center display

The microfiber cloth used should be free of sand, dirt or anything abrasive that might scratch the screen. Do not use rough cloths, paper towels or tissues that could scratch the screen. When cleaning the center display, apply only light pressure on the screen. Pressing too hard could cause damage. Do not spray any liquid or corrosive chemicals directly on the screen. Do not use window cleaning liquid, cleaning agents (particularly ones containing abrasives), sprays, solvents, alcohol or ammonia to clean the screen.

Location of the AUX, USB and electrical sockets

Max. current provided is 10 A (120 W) if one socket is used at a time. If both of the sockets in the tunnel console are used at the same time, the max. current provided per socket is 7.5 A (90 W). If the tire sealing system's compressor is being used, no other device should be connected to any of the other sockets while the compressor is operating.



NOTES

Keyless locking/unlocking*

Electromagnetic fields or metal obstructions can interfere with the keyless drive system. The remote key should never be placed closer than approximately 4-6 in. (10-15 cm) to cell phones, metallic objects or e.g., stored in a metal briefcase.

Starting and switching off the engine

After a cold start, idle speed may be noticeably higher than normal for a short period. This is done to help bring components in the emission control system to their normal operating temperature as quickly as possible, which enables them to control emissions and help reduce the vehicle's impact on the environment.

The vehicle's three displays

If Forward Collision Warning* is activated, information in the head-up display will be replaced by the Forward Collision Warning* graphic. This graphic will appear even if the head-up display is turned off. The driver's ability to see information in the HUD may be impeded by the use of polarizing sunglasses, not sitting in the center of the driver's seat, objects on the HUD projector glass on the dashboard, certain ambient lighting conditions, certain types of vision problems, which may also result in headaches or eye strain.

Navigating in the center display

Top view is not available when the engine is being started/turned off or if a message is displayed on the screen. It is also not available in full-screen mode.

Climate system settings

Heating or cooling cannot be speeded up by selecting a higher/lower temperature than the actual temperature required.

Cleaning the center display

The display cannot be turned off when a message prompting the driver to take action is displayed.

Opening and closing the power tailgate*

If the tailgate has been opened and closed con-

tinuously for too long, the automatic function will be deactivated to avoid overloading the electrical system. The automatic function can be used again after approximately 2 minutes.

Park Assist Camera*

Keep the camera's lens free of dirt, ice and snow. This is particularly important in poor ambient lighting conditions.

Using the trip computer

The accuracy of the "distance to empty" figure may vary if your driving style changes. An economical driving style will generally increase this distance.

Glove compartment

A security code has to be selected the first time the private locking function is used. This code is used to reset the function if an attempt has been made to deactivate private locking using an incorrect code. Keep this code in a safe place.

Pairing and connecting a Bluetooth cell phone

If your cell phone's operating system is updated, this may break the connection between the phone and the vehicle. If this happens, delete the phone from the list of paired phones and repeat the pairing procedure.

Managing and updating apps, system software and maps

Downloading data may affect other system features that share the Internet connection. A download can be canceled at any time or the other features can be temporarily turned off while the software download is underway.

Volvo On Call

Always observe applicable state, province and/or local laws regarding engine idling when using the mobile app's Engine Remote Start feature.

Apple Carplay* in the center display

Please be aware that Volvo has no control over the content of the Apple CarPlay app.

If a cell phone or a media player is connected via Bluetooth, it will not be accessible while Apple CarPlay is active because Bluetooth will be disabled.

To connect the vehicle to the Internet, use Wi-Fi or the vehicle's integrated modem.

V O L V O

