SENSUS CONNECT WITH VOLVO ON CALL
We trust that you will enjoy many years of safe driving in your Volvo, an automobile designed with your safety and comfort in mind. We encourage you to familiarize yourself with the equipment descriptions and operating instructions in this manual.

We also urge you and your passengers to wear seat belts at all times in this (or any other) vehicle. And, of course, please do not operate a vehicle if you may be affected by alcohol, medication or any impairment that could hinder your ability to drive.

Your Volvo is designed to meet all applicable federal safety and emission standards. If you have any questions regarding your vehicle, please contact your Volvo retailer or see the article "Contacting Volvo" for information on getting in touch with Volvo in the United States and Canada.

Efforts are constantly being made to improve our products. Modifications may mean that some information, descriptions and/or illustrations may differ from the equipment in your vehicle. Volvo reserves the right to make model and product changes at any time, or to change specifications or design without notice and without incurring obligation.
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Volvo On Call
Volvo On Call is an integrated, subscription-based system that provides emergency, roadside assistance and security services.

Volvo On Call is connected to the vehicle’s airbag and alarm systems. The vehicle has an integrated Global System for Mobile Communications (GSM) module that handles communication between the vehicle and the Volvo On Call customer service center.

Availability
Volvo On Call uses the Global Navigation Satellite System (GNSS) to locate the vehicle and its integrated GSM module to enable communication with the Volvo On Call customer service center and the Volvo On Call mobile app.

From the time that the remote key has been removed from the vehicle, Volvo On Call's functions remain available for 5 full days and subsequently once an hour for the following 17 days. After three weeks have elapsed, the system will remain switched off until the engine is started.

⚠️ WARNING
The system can only function in areas where there is adequate cellular network coverage.

Just as in the case of cell phones, atmospheric disturbances or areas with relatively few GSM transmitters can make it impossible for Volvo On Call to make a connection, for example, in rural areas.

Subscriptions
A free, limited-time trial subscription is initiated when the vehicle is purchased and Volvo On Call is activated. The subscription can be extended by contacting your Volvo retailer.

Information on the Internet
For additional information about Volvo On Call, go to:

support.volvocars.com

See the article "Volvo ID" for information about creating an ID and the features it offers.

Related information
- Volvo On Call convenience services (p. 7)
- Volvo On Call safety services (p. 16)
- Volvo On Call security services (p. 17)
- Using Volvo On Call (p. 4)
- Volvo ID (p. 6)

Using Volvo On Call
Volvo On Call is controlled using the buttons in the ceiling console and the center display.

In the event of an accident in which the seat belt pretensioners, airbags or the inflatable curtains have been triggered, a signal is transmitted automatically to the Volvo On Call customer service center, who send the appropriate type of assistance (ambulance, police, etc.) to the site.

When a service is active, a symbol will appear on the center display.
Volvo On Call buttons in the ceiling console and center display

The SOS button: emergency situations
Press and hold the SOS button for approx. 2 seconds to activate the manual alarm function.

The ON CALL button: roadside assistance
Press the ON CALL button for approx. 2 seconds to activate the roadside assistance functions.

Alternative to the ON CALL button
In the center display’s Phone view, tap On Call. Select Call in the pop-up window that opens.

NOTE
The SOS button should only be used in an emergency situation such as an accident, illness or in the event of a threat to the occupants of the vehicle. Misusing this button could result in extra charges.

The ON CALL button can be used for all of the other Volvo On Call services, including roadside assistance.

Canceling a call
A service call that has been initiated can be cancelled within 8 seconds by pressing the EXIT button on the steering wheel keypad.

Settings
Settings and selections can be made in the center display by going to Settings ➔ Communication ➔ Volvo On Call. These settings include activating/deactivating a subscription, button lock, etc.

Related information
- Volvo On Call (p. 4)
- Volvo On Call functions (p. 5)
- Volvo On Call manual safety service (p. 15)
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Volvo On Call functions
The following table provides an overview of the functions that are available from the Volvo On Call customer service center and the mobile app.

Please note that these functions are subject to change. For up-to-date information about the range of Volvo On Call functions and services, contact your Volvo retailer or go to support.volvocars.com

<table>
<thead>
<tr>
<th>Function</th>
<th>Customer service center</th>
<th>App[^]</th>
</tr>
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<tbody>
<tr>
<td>Automatic alarm</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Manual alarm</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Roadside assistance</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Theft notification</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Remote Door Unlock</td>
<td>X</td>
<td>X</td>
</tr>
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<td>Remote Vehicle Immobilizer</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Engine remote start (ERS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preconditioning (hybrid models only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locating the vehicle</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

[^]: Depending on your model year and region
Volvo ID
A Volvo ID can be used to access a number of online services

Creating a Volvo ID
A Volvo ID can be created in two ways:

Using the Volvo ID app
1. If you have not already done so, download the Volvo ID app from the Download Center.
2. Start the app and register a personal email address.
3. Follow the instructions that will be sent automatically to this email address.
   > A Volvo ID has now been created and has been automatically registered to the vehicle. The Volvo ID services available can now be used.

Using the Volvo On Call app
1. Download the latest version of the Volvo On Call app to your cell phone from e.g., the App Store, Windows Phone or Google Play.
2. Start the app and create a Volvo ID on the start page.
3. Register a personal email address and then follow the instructions that will be sent automatically to this address.

Registering your Volvo ID to the vehicle
If your Volvo ID was created using the Volvo On Call mobile app, the ID has to be registered to the vehicle:

1. With the vehicle connected to the Internet, download the Volvo ID app from the Download Center in the center display's App view. See also the article "Downloading, updating and uninstalling apps."
2. Start the app and enter your Volvo ID.
3. Follow the instructions that will be sent automatically to the email address linked to your Volvo ID.
   > Your Volvo ID is now registered to the vehicle and the Volvo ID services available can be used.

Advantages of having a Volvo ID
• Only one user name and password are required to access online services.
• If you change a user name or password for one of the online service (e.g., Volvo On Call), it/they will also be automatically changed for the other services.

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1 These services vary and may be subject to change. Consult your Volvo retailer.
Volvo On Call convenience services
Convenience services are available by using the mobile app to e.g., remote-start the engine*, etc.

As a Volvo On Call user, a mobile app is available that enables you to have telephone contact from an iPhone or from Windows/Android phones with your vehicle when it is parked. With it, you can locate the vehicle, lock it from another location, check the fuel level and much more. Read more about this app in the following section.

Related information
• Volvo On Call (p. 4)
• Volvo On Call mobile app (p. 7)
• Volvo On Call functions (p. 5)

Volvo On Call mobile app
As a Volvo On Call user, you can download a mobile app that enables you to have telephone contact with your vehicle when it is parked.

Certain functions may not be available in all models.

The mobile app is updated regularly, which may result in this information not being completely up-to-date with respect to the functionality available. For additional information about the app, go to support.volvocars.com

The Volvo On Call mobile app is available for the iPhone and for Windows/Android phones and can be downloaded from Apple's AppStore, Windows Phone Store or Google Play.

A personal Volvo ID is required in order to use the mobile app.

For additional information about the Volvo ID, the features it offers and how to create it, see the article "Volvo ID".

Locating the vehicle
The vehicle's location is shown on a map and directions to the vehicle can be provided. There is also a digital compass to help show the owner the right direction. When you are within approx. 100 yards/meters of the vehicle, you can activate its horn and turn signals to help locate it.

The vehicle's instrument panel
This function provides information such as: the fuel level, range on the remaining fuel, average fuel consumption, average speed and odometer/trip odometer readings.

Vehicle "checkup"
The mobile app monitors the vehicle's condition and provides information about bulbs and the levels of brake fluid, coolant and engine oil.

Driving logbook
Detailed information about each trip made during the past 40 days can be saved and downloaded. All or part of this information can be exported from the mobile app to a spreadsheet format and sent to an email address. This is very useful for e.g., keeping track of business-related driving.

This function can be deactivated, in which case the vehicle will not transmit logbook information at the end of each trip.

Vehicle information
Basic information such as model, license plate number and VIN number are readily accessible.

Theft notification
If the vehicle's alarm is triggered, the owner will be informed via his/her cell phone.

Remote door unlock
The status of all doors and windows is provided. The owner can lock/unlock the vehicle from another location but for security reasons, the
**Engine remote start (ERS)**

ERS makes it possible to remotely start the engine using the remote key to enable the climate system to cool or heat the passenger compartment before driving.

When the engine starts, the climate system will start using automatic settings.

You can choose to let the engine run for between 1 and 15 minutes before it automatically switches off again. After 2 ERS starts, the engine must be started in the normal way before ERS can be used again.

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**WARNING**

Keep the following in mind before using ERS:
- The vehicle should be in view.
- The vehicle should be unoccupied.
- The vehicle must not be parked indoors or in an enclosed area. Exhaust fumes are harmful to the health.

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**NOTE**

Always observe applicable state, province and/or local laws regarding engine idling when using ERS.

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**Volvo On Call PIN code**

The PIN code is used for security purposes to help identify those persons who are authorized to use Volvo On Call services in a specific vehicle.

The 4-digit PIN code, which was sent to you when your Volvo retailer activated your subscription, is used for security reasons to help identify those persons who are authorized to use certain Volvo On Call services such as remote door unlock or to create an account in the mobile app.

**If you have forgotten or would like to change your PIN code**

If you have forgotten your PIN code or would like to change it (e.g., if you have purchased a previously owned vehicle with Volvo On Call), contact your Volvo retailer or press the On Call button in your vehicle. The new code will be sent to you via email.

**If an incorrect PIN code has been entered in the app multiple times**

If a PIN code has been entered incorrectly 10 times in a row, the account will be frozen. In order to use the app again, a new PIN code must be selected and a new app account will have to be created.

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2 Certain models only.
Related information

- Unlocking the vehicle from the customer service center (p. 18)
- Volvo On Call mobile app (p. 7)
- Changing ownership of a vehicle with Volvo On Call (p. 15)
- Volvo On Call (p. 4)
Service center phone number

<table>
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<tr>
<th>Country</th>
<th>Customer service center number</th>
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<tbody>
<tr>
<td>United States and Canada</td>
<td>855-399-4691</td>
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Related information

- Volvo On Call (p. 4)
- Volvo On Call availability (p. 13)
**Personal information**

Personal information is gathered for use with the Volvo On Call service.

Volvo's sales companies are responsible for processing and storing Volvo On Call-related information. This information is treated according to legislation and regulations pertaining to data of this type.

<table>
<thead>
<tr>
<th>Country</th>
<th>Sales company</th>
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<tr>
<td>United States</td>
<td>Volvo Car USA, LLC</td>
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<tr>
<td>Canada</td>
<td>Volvo Car Canada Ltd.</td>
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</table>

**Why information is gathered**

Personal information is used by Volvo and its partners to provide and develop the Volvo On Call service.

**Types of personal information gathered**

The primary types of personal information gathered for Volvo On Call-related purposes are:

- Personal information that the customer provides in connection with the activation of the Volvo On Call service and during other contact with Volvo, including name, address, telephone number, type of service and the duration of the service.

- When information about a specific Volvo On Call-related event is automatically transmitted from the vehicle. A message of this type contains: the vehicle identification number (VIN), time when the service is used, type of service, if airbags have been triggered, if the seat belt tensioners have been triggered, current fuel level, current temperature inside and outside the vehicle, whether the doors are locked and windows are closed and the vehicle's last six locations, including speed and direction.

- Other information associated with the owner/driver, such as telephone calls with people in the vehicle, the customer service center that provided the service and notes made by the customer service operator.

**Access to my personal information**

Volvo uses sub-contractors to provide the service. These sub-contractors work on behalf of Volvo and may only process personal information to the extent necessary to provide service. All sub-contractors are bound by agreements requiring them to observe strict confidentiality and to treat personal details in accordance with applicable legislation.

**Deleting personal information**

The personal details required to provide the Volvo On Call service are stored during the subscription period and thereafter for as long as necessary in order for Volvo to fulfil its obligations according to legislation and other regulations. Information generated during events covered by the Volvo On Call service is deleted three months after an event has occurred.

**Corrections and register extracts**

Private persons have the right to request corrections of incorrect information and to obtain an extract showing the personal information that has been processed. Requests for extracts from the register must be submitted in writing and signed by the applicant and include name, address and customer number. The request should be posted to:

**Volvo Car USA, LLC**

Customer Care Center
1 Volvo Drive,
P.O. Box 914
Rockleigh, New Jersey 07647
Phone: 1-800-458-1552

**Volvo Car Canada Ltd.**

Customer Care Centre
9130 Leslie Street, Suite 101
Richmond Hill, Ontario L4B 0B9
Phone: 1-800-663-8255

**Consent to gather Volvo On Call-related personal information**

By activating a Volvo On Call subscription in accordance with the instructions in this docu-
ment, the user agrees to the collection of Volvo On Call-related personal information.

**Related information**
- Volvo On Call (p. 4)
- Using Volvo On Call (p. 4)
Volvo On Call availability
The map shows the areas in which Volvo On Call is available. The service is constantly being expanded; contact your Volvo retailer for up-to-date information.
However, the system can only function in areas where there is adequate cellular network coverage.

**Related information**
- Volvo On Call (p. 4)
- Volvo On Call functions (p. 5)
- Service center phone number (p. 10)
Changing ownership of a vehicle with Volvo On Call
If the vehicle changes owners, the Volvo On Call service should be cancelled.

Cancelling the Volvo On Call service
If your vehicle changes owners, contact your Volvo retailer to cancel the Volvo On Call service. The subscription will be terminated and the service history will be erased.

When the vehicle changes owners, all personal settings should be reset to the factory defaults, see the owner’s manual supplement.

Starting the Volvo On Call service
If you purchase a previously owned Volvo with Volvo On Call:

The new owner should contact his/her Volvo retailer to transfer the remaining period of the Volvo On Call subscription. All contact information must be updated in order for Volvo On Call to function and to ensure that the previous owner is no longer authorized to use Volvo On Call services in the vehicle. The new owner will be given a 4-digit personal code, which is used to identify him/her as being authorized to approve certain Volvo On Call services.

Related information
• Volvo On Call (p. 4)
• Volvo On Call PIN code (p. 8)

Volvo On Call manual safety service
Contact the Volvo On Call customer service center in emergency situations.

To contact the Volvo On Call customer service center manually:

1. Press SOS to contact the customer service center for help in emergency situations such as illness, injury, a threat, etc.

2. An emergency signal is transmitted to the Volvo On Call customer service center with information about the vehicle’s location.

3. The Volvo On Call customer service center attempts to establish voice contact with the driver to determine the extent of the accident and/or the need for assistance.

NOTE
The SOS button should only be used in an emergency situation such as an accident, illness or in the event of a threat to the occupants of the vehicle. Misusing this button could result in extra charges.

The ON CALL button can be used for all of the other Volvo On Call services, including roadside assistance.

If voice contact is not possible, the Volvo On Call customer service then contacts the emergency services for appropriate action.

Related information
• Volvo On Call safety services (p. 16)
• Using Volvo On Call to summon help (p. 17)
• Using Volvo On Call (p. 4)
Volvo On Call safety services
The Volvo On Call manual or automatic safety services are intended for use in emergency situations.

Automatic alarm
In the event of certain types of accidents, a signal is transmitted automatically to the Volvo On Call customer service center, who take appropriate action according to the information that they receive.

The following occurs if the seat belt pretensioners, airbags or the inflatable curtains have been triggered:

1. A signal is transmitted automatically to the Volvo On Call customer service center with information about the vehicle’s location and that an airbag, etc., has been triggered.
2. The Volvo On Call customer service center attempts to establish voice contact with the driver to determine the extent of the accident and the need for assistance.
3. The Volvo On Call customer service center then contacts the appropriate emergency service (police, ambulance, towing, etc.).

If voice contact is not possible, the Volvo On Call customer service then contacts the emergency services for appropriate action.

Manual alarm
Press SOS to contact the customer service center for help in emergency situations, see also the article "Volvo On Call manual safety service."

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<th>NOTE</th>
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<tbody>
<tr>
<td>The SOS button should only be used in an emergency situation such as an accident, illness or in the event of a threat to the occupants of the vehicle. Misusing this button could result in extra charges.</td>
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<tr>
<td>The ON CALL button can be used for all of the other Volvo On Call services, including roadside assistance.</td>
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</tbody>
</table>

Help during a trip
Request help for e.g., flat tires, a discharged battery, if you have run out of fuel, etc.

Emergency number
When an emergency call has been initiated, Volvo On Call attempts to contact the customer service center. If this is not possible, the call will be transferred to the emergency 911 number instead.

Related information
- Volvo On Call (p. 4)
- Volvo On Call manual safety service (p. 15)
- Using Volvo On Call to summon help (p. 17)

- Using Volvo On Call (p. 4)
Using Volvo On Call to summon help
Use Volvo On Call to summon help in the event of a flat tire, an empty fuel tank, etc.

1. Press the ON CALL button for at least 2 seconds.
2. The Volvo On Call customer service center attempts to establish voice contact with the driver to determine the need for assistance.

Related information
- Volvo On Call (p. 4)
- Volvo On Call safety services (p. 16)
- Volvo On Call manual safety service (p. 15)
- Using Volvo On Call (p. 4)

Volvo On Call security services
The Volvo On Call security services are intended to provide assistance, for instance, if you are locked out of your vehicle, if it has been stolen, etc.

Volvo On Call’s security services are primarily intended to help minimize the risk of the vehicle being stolen.

If the vehicle’s normal electrical system is not functioning properly, Volvo On Call’s reserve battery provides the system with current.

Theft notification
A signal will be sent automatically to the Volvo On Call customer service center in the event of a break-in or theft (if the vehicle’s alarm has been triggered).

This service will be interrupted if the alarm is turned off using one of the vehicle’s remote keys.

Remote door unlock
If the vehicle’s remote key has been lost or locked in the car, the doors can be unlocked remotely within the following 5 days with assistance from the Volvo On Call customer service center after the owner’s identity has been verified by his/her pin code.

Remote vehicle immobilizer
If the vehicle has been stolen, the owner or police can contact the Volvo On Call customer service center to have the vehicle’s remote keys immobilized (deactivated).

NOTE
This applies even if the vehicle has been unlocked and started with one of its remote keys.

After contacting the owner/police, the Volvo On Call customer service center then deactivates the remote keys. Once the engine has been switched off, it can only be restarted if the owner/police has given the Volvo On Call customer service center authorization to reactivate the remote keys. Once this authorization has been verified (using your PIN code), the Volvo On Call customer service center will reactivate the remote keys.

Related information
- Volvo On Call (p. 4)
- Unlocking the vehicle from the customer service center (p. 18)
- Service center phone number (p. 10)
- Volvo On Call PIN code (p. 8)
Unlocking the vehicle from the customer service center
The doors can be unlocked remotely with assistance from the Volvo On Call customer service center.

1. Contact the Volvo On Call customer service center at 855-399-4691 (this number applies in both the United States and Canada).

2. After confirming that the caller is the vehicle's owner or other authorized person (using your PIN code), the Volvo On Call customer service center sends a signal to the vehicle to unlock it.

3. The tailgate has to be opened to unlock the other doors. Press lightly on the rubberized pressure plate under the outer tailgate handle.

The trunk has to be opened to unlock the other doors. Press lightly on the rubberized pressure plate under the outer trunk opening control.

**NOTE**
If the tailgate is not opened within the time period set by the Volvo On Call customer service center, it will relock.

If the trunk is not opened within the time period set by the Volvo On Call customer service center, it will relock.

If the vehicle is parked in a garage or other covered area, remote unlocking may not be possible due to poor signal reception.

Related information
- Volvo On Call security services (p. 17)
- Volvo On Call (p. 4)
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<tbody>
<tr>
<td>ID, Volvo</td>
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