SENSUS NAVIGATION
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Sensus Navigation is a satellite-based traffic information and navigation system.

Volvo works continuously to improve our product. Modifications can mean that information, descriptions and illustrations in this supplement differ from the equipment in your vehicle. We reserve the right to make changes without prior notice.
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**Activating and deactivating the navigation system***

The navigation system is automatically activated when the driver’s door is opened and is deactivated when the driver locks and arms the vehicle.

**Activating navigation**

View the map on the center display by tapping the top tile (1) in Home view.

If the center display does not show the navigation system tile, press the Home button (2) once briefly and then tap the navigation system tile (1).

A map will appear of the surrounding area and the vehicle's current location (blue triangle).

Tap this symbol to display the map across the entire center display.

**WARNING**

Observe the following:

- Direct all your attention to the road and make sure that your concentration is focused on driving.
- Follow applicable traffic laws and use good judgment while driving.
- Road conditions can be affected by weather or season, which may make certain recommendations less reliable.

**Deactivating navigation**

While the ignition is switched on, the navigation system is always active in the background. It switches off automatically when the ignition is switched off and the vehicle is locked.

**NOTE**

The navigation system is available even when the engine is turned off. If the battery charge level becomes too low, the system will switch off.

**Related information**

- Navigation system* in center display (p. 6)
- Navigation system* in the instrument panel (p. 8)
- Navigation system* in head-up display* (p. 9)
- Voice control for navigation system* (p. 9)
- Navigation system* symbols and buttons (p. 5)
Navigation system* symbols and buttons

The map in the center display displays symbols and colors that inform the driver of different roads and the area around the vehicle and along the route. A tool bar with different buttons for different settings is shown on the left.

Symbols and buttons on the map

1. Estimated time of arrival/remaining time to arrival
2. Distance to destination
3. Compass/switches between north and vehicle's direction of travel up
4. Start
5. Destination
6. Switch map view from 2D to 3D
7. Reset map to follow the vehicle
8. Point of Interest (POI¹)
9. Traffic information
10. Minimize (expanded view) or maximize the map (full screen)
11. The vehicle on the planned route
12. Minimize toolbar
13. Repeat most recent voice guidance
14. Minimize toolbar
15. Calculate a new route
16. Voice guidance temporarily On/Off
17. Display list of guidance points in the itinerary
18. Set a final destination/waypoint
19. Cancel guidance
20. Shows list of the itinerary's points of interest (POI¹) and traffic information
21. Next maneuver
22. Itinerary and alternative route
23. Destination

Related information

- Information cards in the navigation system* (p. 6)
- Traffic disruptions on map (p. 18)
- Real Time Traffic Information (RTTI) (p. 20)
- Show traffic disruptions along the route (p. 18)

¹ Point of Interest

* Option/accessory.
Information cards in the navigation system*

All icons on the map, such as destinations, way-points and favorites, have an information card that can be opened by tapping the icon.

Press the information card once to display a small card, and press twice to display a larger card with more information. The information and possible options vary depending on the type of icon.

For example, when a POI(2) is highlighted, the driver can select e.g.:

- **Start navigation** - save the location as a destination
- **Add as waypoint** - the position is saved as an intermediate destination (only displayed at the specified destination)
- **Save** - the position is saved in the library
- **Remove from itinerary** - the position is removed if it is included in the itinerary
- **Nearby POI** - points of interest close to the car’s position are shown

Related information

- **Itinerary** (p. 15)
- **Entering a POI as a destination** (p. 12)
- **Viewing points of interest along the route** (p. 17)

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2 Point of Interest

Navigation system* in center display

The navigation system can be presented and controlled in several different ways, e.g. via the center display.

If the map image is not shown in the center display, tap the top tile (for the navigation system).

Where am I?
What is the vehicle’s current geographic location?

- Tap the vehicle symbol (blue triangle) on the map to display information directly on the map.

Find the vehicle symbol on the map
After zooming out/in or moving the map, it may be difficult to find the vehicle’s location on the map again. Tap the crosshairs to reset the map to follow the vehicle symbol.

North or direction of travel facing up on the map
There are two ways to show the vehicle’s movement in relation to the map.

- Tap the symbols to toggle between the vehicle’s direction of travel or north shown facing up on the map.

When the map is shown with north facing up, the vehicle symbol moves in the actual compass direction on the map. If the vehicle is moving west, it will be shown moving left on the map (east is right, south is down, etc.).
When the vehicle symbol is pointing up, the map rotates under the vehicle symbol following the turns made by the vehicle. The compass symbol indicates which direction is north (N) on the map and the direction in which the front of the vehicle is pointing is shown in the center of the compass:

<table>
<thead>
<tr>
<th>Compass symbols</th>
<th>Compass direction</th>
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<td>North</td>
</tr>
<tr>
<td>NE</td>
<td>Northeast</td>
</tr>
<tr>
<td>E</td>
<td>East</td>
</tr>
<tr>
<td>SE</td>
<td>Southeast</td>
</tr>
<tr>
<td>S</td>
<td>South</td>
</tr>
<tr>
<td>SW</td>
<td>Southwest</td>
</tr>
<tr>
<td>W</td>
<td>West</td>
</tr>
<tr>
<td>NW</td>
<td>Northwest</td>
</tr>
</tbody>
</table>

With 3D display, the vehicle's direction of travel is always up. The map rotates under the vehicle symbols following the turns made by the vehicle. The compass indicates which direction is north (N) on the map and the direction in which the front of the vehicle is pointing is shown in the center of the compass: The map scale is not shown in 3D mode.

With 2D display, the map is shown with north facing up, and the vehicle symbols moves in the actual compass direction on the map.

**Zoom in**
To make the map larger, tap the center display twice in quick succession with one finger or place two fingers on the center display and move them apart ("stretch").

**Zoom out**
To make the map smaller, tap the center display once with two fingers or place two fingers on the center display and move them together ("pinch").

**Scroll**
Place one finger on the map, swipe in the desired direction and release. The scroll function is only possible with the map in maximized view, not minimized.

**Change the headers displayed**
Maximize the map and tap the map heading at the top of the center display. The following headers can be displayed on the map:

1. Destination Destination, arrival time (ETA) or remaining travel time (RTA) and distance to destination (Distance). For more information on selecting ETA or RTA, see "Route settings and guidance".
2. Current position as address (Address) or as coordinates (Coordinates). When coordinates are shown, altitude is also shown (Altitude). To choose between address and coordinates, see section "Map settings".

**Related information**
- Navigation system* settings (p. 21)
- Navigation system* in the instrument panel (p. 8)
- Navigation system* in head-up display* (p. 9)
- Route settings and guidance (p. 22)
- Map settings (p. 21)
Navigation system* in the instrument panel
The navigation system can be presented and controlled in several different ways, e.g. via the instrument panel.

The map is only shown on the 12" instrument panel.
While driving, the driver receives voice guidance and instructions on the instrument panel. Map guidance in the instrument panel can also be activated without entering a destination.

The right-side steering wheel keypad and instrument panel
Some of the navigation system's functions, such as Take me home and Cancel guidance, can be controlled using the right-side steering wheel keypad. If a message is displayed in the instrument panel, it must be accepted or dismissed before the menu can be displayed.

Activating and deactivating the navigation system* in the instrument panel
The navigation system will be automatically displayed in the instrument panel when a destination is set. The navigation system can also be displayed without entering a destination.

1. Pull down the center display's Top view.
2. Tap Settings.
3. Tap My Car ➔ Displays ➔ Driver Display Information.
4. Tap the Show Map radio button to display the navigation system in the instrument panel without entering a destination.

Related information
- Transportation Navigation system* in the instrument panel (p. 8)
- Navigation system* in center display (p. 6)
- Navigation system* in head-up display* (p. 9)
Navigation system* in head-up display*

The navigation system can be presented and controlled in several different ways, e.g. via the head-up display.

![Navigation system in head-up display](image)

The driver can also get guidance and information from the navigation system in the head-up display on the lower section of the windshield.

You can make settings to specify if the navigation system should be shown in the head-up display, as well as the position of the information field.

Related information
- Navigation system* in center display (p. 6)
- Navigation system* in the instrument panel (p. 8)

Voice control3 for navigation system*

Several of the navigation system's functions can be activated with voice commands.

Tap 🗣️ on the right-side steering wheel keypad and say one of the following commands:
- "Navigation" - Starts a navigation dialog and displays examples of commands.
- "Take me home" - Guidance is provided to the location set as Home.
- "Go to [city]" - Inputs a city as a destination, e.g. "Go to San Francisco".
- "Go to [address]" - Inputs an address as a destination. An address must contain city and street, e.g. "Go to Filbert Street 5, San Francisco".
- "Add intersection" - Starts a dialog to input two streets. The destination will then be the intersection of these two streets.
- "Go to [zip code]" - Input a zip code as the destination, e.g. "Go to 1 2 3 4 5".
- "Go to [contact]" - Input an address from the phone book as the destination. Example "Go to Robyn Smith".
- "Search [POI category]" - Search Points of Interest (POI) in a certain category (e.g. restaurants)4. To sort the list along the route, say "Along the route" when the list of results is displayed.
- "Search [POI category] : [city]" - Searches for POIs in a certain category and city. The list of results is sorted based on the center point of the city. Example "Look for restaurant in San Francisco".
- "Search [POI name]". Example "Look for Zuni Café".
- "Change country/Change state"5,6 - Changes the search area for navigation.
- "Show favorites" - Displays locations marked as favorites in the instrument panel.
- "Clear itinerary" - Deletes all stored waypoints and destinations in an itinerary.
- "Repeat voice guidance" - Repeats the most recent guidance instruction.
- "Turn off voice guidance" - Guidance off.
- "Turn on voice guidance" - Guidance on.

Addresses

When an address is entered, the search area is defined as the search area that is preset in the navigation system. You can change to another search area. If the new search area has a different language than the set system language, the system will automatically switch to another recognition engine. Because of this, the address should be given in the language used in the new search area.
Entering a destination directly on the map
A destination can be specified in different ways in the navigation system* – tapping a point on the map with your finger is one of them.

It is often easiest to scroll to the desired position on the map and tap it.

1. Make sure the map is in full-screen mode.
2. Scroll to the desired location on the map.
3. Press and hold the location. An icon will be created and a menu will appear.
4. Select Go here to start guidance.

Deleting the icon
To delete the location's icon:
• Select Delete

Changing the icon's location
To change the location of the icon:
• Press and hold the icon, drag it to the desired location and then release it.

Related information
• Itinerary (p. 15)
• Entering a destination using an address (p. 10)
• Entering a destination with a free text search (p. 11)
• Entering a POI as a destination (p. 12)
• Entering a destination using Recent/Favorites/Library (p. 13)
• Entering a destination with Send to Car (p. 14)
• Route settings and guidance (p. 22)

Entering a destination using an address
There are several ways to set a destination in the navigation system*. Entering an address is one of them.

1. When the map appears, expand the toolbar using the down arrow on the left-hand side and tap Set dest.

   > The map will switch to free text search.

2. Tap Address.

3. It is not necessary to fill in all of the fields. For guidance to a city, for example, you only need to fill in the city and country. You will then be guided to the center of the city.

4. Select any available field and use the center display’s keyboard to type:
• Country/State/Province
• City/Territory/Zip code
• Address
• Number
• Junction

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3 Certain markets only.
4 The user can choose to call the POI or enter it as a destination.
5 For European countries, “country” is used instead of “state”.
6 For Brazil and India, search area is changed in the center display.
For vehicles with Volvo On Call, it is also possible to send addresses and destinations to the vehicle's navigation system via the Volvo On Call app.

**Related information**
- Itinerary (p. 15)
- Entering a destination directly on the map (p. 10)
- Entering a destination with a free text search (p. 11)
- Entering a POI as a destination (p. 12)
- Entering a destination using Recent/Favorites/Library (p. 13)
- Entering a destination with Send to Car (p. 14)
- Route settings and guidance (p. 22)
- Information cards in the navigation system* (p. 6)

### Entering a destination with a free text search

A destination can be set in different ways in the navigation system* - with free text searching, for example, a search can be made using phone numbers, postal codes, streets, cities, coordinates and points of interest (POI).

The center display's keyboard can be used to type most characters and to search for destinations.

1. When the map appears, expand the toolbar using the down arrow on the left-hand side and tap **Set dest**.

   > The map will switch to free text search.

2. Enter a search word in the search box or limit the search results by choosing a filter.

   > The search results will be listed as you type.

3. **If the search provided the desired result** – tap a search result to display its information card and select to continue using the search result.

   **If the search provided too many results** – tap **Advanced filter** to select a position to search around and then select a search result to continue using it:

   - **Around vehicle**
   - **Around destination** – only displayed if a destination has been set.
   - **Along route** – only displayed if a destination has been set.
   - **Around point on map**

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*Point of Interest*
**Coordinates**
A destination can also be entered using map coordinates.
- Enter coordinates, e.g. "N 58.1234 E 12.5678" and tap **Search**.

Compass directions **N, E, S** and **W** can be entered in different ways, e.g.:

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 58,1234   E 12,5678 (with space)</td>
<td>Map coordinates with space</td>
</tr>
<tr>
<td>N58,1234   E12,5678 (without space)</td>
<td>Map coordinates without space</td>
</tr>
<tr>
<td>58,1234N   12,5678E (with compass directions after the coordinates)</td>
<td>Map coordinates with compass directions after the coordinates</td>
</tr>
<tr>
<td>58,1234-12,5678 (with hyphen without compass direction)</td>
<td>Map coordinates with hyphen without compass direction</td>
</tr>
</tbody>
</table>

Either a dot [. ] or a comma [, ] can be used.

**Related information**
- Itinerary (p. 15)
- Entering a destination directly on the map (p. 10)
- Entering a destination using an address (p. 10)
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- Entering a destination using Recent/Favorites/Library (p. 13)
- Entering a destination with Send to Car (p. 14)
- Route settings and guidance (p. 22)

**Entering a POI as a destination**
A destination can be specified in different ways in the navigation system: selecting a point of interest (POI) is one of them.

1. When the map appears, expand the toolbar using the down arrow on the left-hand side and tap **Set dest**.

> The map will switch to free text search.

2. Tap **POI**.

3. Tap the desired filter (some alternatives are only shown when a destination or waypoint is specified):
   - Near the vehicle
   - Near the destination
   - Near waypoint
   - Along route
   - Around point on map

4. Scroll to the desired POI and select it.

5. Select **Start navigation** or **Add as waypoint**.

Many POI (e.g. restaurants) have sub-categories (e.g. fast food).

Which POI are shown on the map can be changed via the map settings. This setting does not affect searches for POI to be used as destinations (even POI that have not been selected for display can be shown here as alternate destinations).

Certain POI will only appear on the map if the scale is greater than 1 km (1 mile).

**NOTE**
- The symbols, number and variants of POIs vary between different markets.
- In connection with map data updating, some symbols may be added and others disappear – all symbols for the map system in question can be found through the menu system.

**Related information**
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- Entering a destination directly on the map (p. 10)
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- Entering a destination using Recent/Favorites/Library (p. 13)
- Entering a destination with Send to Car (p. 14)
- Map settings (p. 21)

**Entering a destination using Recent/Favorites/Library**

A destination can be specified in different ways in the navigation system - selecting from a list is one of them.

1. When the map appears, expand the toolbar using the down arrow on the left-hand side and tap **Set dest**.

   - The map will switch to free text search.

2. Select one of these lists at the top of the screen:
   - **Recent**
   - **Favorites**
   - **Library**

After an option in a list has been marked, it can be added as a destination by tapping either the **Start navigation** or **Add as waypoint** button.

**Recent**

This is a list of previous searches. Scroll through the list and select.

This is also available as a menu option in the instrument panel and can be displayed using the right-side steering wheel keypad.

**Favorites**

This is a list of locations that have been set as favorites from the **Library**. Scroll through the list and select.

A position that has been deleted in **Favorites** will remain in **Library**, but with a grayed-out star. To return a position to **Favorites**, go to **Library** and mark the position's star again.

Use **Set Home address** to program a frequently used destination. An entered **Home** destination is also available as a menu option in the instrument panel and can be displayed using the right-side steering wheel keypad.

To edit the list, tap **Edit**.

<sup>8</sup> Point of Interest
图书馆

这是一份保存地点和行程的列表。最近保存的地点将显示在列表的顶部。

点击地点的星标以选择/取消选择为最喜爱。带有选中（填充）星标的地点也将显示在“最喜爱”部分。

如果删除列表中的地点，则也将从“最喜爱”中删除。

图书馆可以按各种方式排序：

- **已添加** - 按时间顺序排序。
- **名称** - 按字母顺序排序。
- **距离** - 按距离当前车辆位置的顺序排序。
- **已接收** - 使用“发送到车辆”功能发送的地点将被过滤。新未读的地点具有蓝色标记，一旦位置被阅读，则会变灰。

使用“编辑”删除列表中的一项或多件项目。

相关资讯

- 行程（第15页）
- 直接在地图上输入目的地（第10页）
- 搜索并使用免费文本搜索输入目的地（第11页）
- 作为目的地输入POI（第12页）
- 使用发送到车辆输入目的地（第14页）
- 路线设置和引导（第22页）

**发送到车辆目的地**

发送到车辆功能可以使用不同的方式在导航系统中指定目的地——使用发送到车辆功能是其中之一。

**向车辆发送位置**

发送到车辆是一个功能，可以将目的地/位置发送到车辆的导航系统。

发送到车辆也可以从沃尔沃OnCall应用程序中使用。

要使用发送到车辆，必须在车辆中注册一个沃尔沃ID。

一个可以使用发送到车辆的地图服务提供商示例是我们go.here.com

**接收并使用位置在车辆中**

在车辆接收数据之前，必须连接到Internet。如果位置是使用沃尔沃OnCall发送到车辆的，车辆的集成调制解调器将用于接收数据，即不需要其他Internet连接。

1. 当车辆收到位置时，中心显示屏上将出现通知。点击通知/符号。
   - 一个信息卡片将打开。
2. 选择您希望如何使用位置。

* Option/accessory.
Using a stored location
Received locations are saved in the navigation system’s library for later use.

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Itinerary
The itinerary is the route that the navigation system suggests when the user enters a destination.

The first location set will be the itinerary’s destination (final destination).

The next locations set will be the itinerary’s waypoints (intermediate stops along the route).

An itinerary and its destination and waypoints can be easily edited at any time.

Related information
- Viewing an itinerary (p. 15)
- Editing or clearing an itinerary (p. 16)
- Viewing alternative routes (p. 16)
- Show guidance in the itinerary (p. 17)

Viewing an itinerary
It is possible to show the itinerary in the navigation system during road navigation.

1. During guidance, expand the toolbar using the down arrow and then the three dots.

* Option/accessory.
2. Tap the Itinerary symbol to open the itinerary.

Related information
- Editing or clearing an itinerary (p. 16)
- Viewing alternative routes (p. 16)
- Show guidance in the itinerary (p. 17)

Editing or clearing an itinerary
It is possible to remove waypoints or the entire itinerary in the navigation system* while guidance is being provided.

1. Expand the toolbar using the down arrow first and then the three dots.

2. Tap the Itinerary symbol to open the itinerary.

3. Tap the recycling bin to delete a waypoint from the itinerary or tap Clear itinerary to delete the entire itinerary.

Related information
- Viewing alternative routes (p. 16)
- Viewing points of interest along the route (p. 17)
- Show guidance in the itinerary (p. 17)

Viewing alternative routes
It is possible to search for alternate routes in the navigation system* while guidance is being provided.

1. Expand the toolbar using the down arrow first and then the three dots.

2. Tap the Itinerary symbol to open the itinerary.

3. Tap Alternative routes.

4. Select an alternative route:
   - Eco
   - Fast
   - Scenic

5. Tap the map.

   > The updated route will be displayed on the map and guidance will resume.

Related information
- Editing or clearing an itinerary (p. 16)
- Show traffic disruptions along the route (p. 18)
• Selecting a detour in the navigation system* (p. 19)
• Route settings and guidance (p. 22)

**Viewing points of interest along the route**
A list of points of interest (POI<sup>9</sup>) along your route can be displayed in the navigation system*.

1. Tap **Ahead**.
2. Tap **POI**.
   > POIs along the route are displayed according to their distance from the vehicle.
3. If there are multiple POIs in the same location, they will be displayed as a group. Tap the group for a list of the POIs.
4. Select a POI.
5. Select one of the information card’s options and follow the instructions.

**Related information**
• Information cards in the navigation system* (p. 6)
• Map settings (p. 21)

**Show guidance in the itinerary**
A list of coming guidance points helps the driver prepare in advance for upcoming maneuvers, e.g. moving into the correct lane before making a turn.

To display a list of upcoming turns in the itinerary in the navigation system*:

1. Expand the toolbar using the down arrow on the left-hand side.
2. Expand the toolbar further using the three dots.
3. Tap the **Turn-by-Turn** symbol (see image).

A list of guidance points on the itinerary will be displayed instead of the toolbar (you can scroll through the list). Tap the arrow pointing to the left to minimize the list.

The next guidance point is always shown at the top of the list.

Tap one of the guidance points in the list to show the location on the map. Tap the map’s crosshairs (see image) to return to the map guidance view, where the map shows the vehicle’s current location.

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<sup>9</sup> Point of Interest
Traffic disruptions on map\textsuperscript{10}

The navigation system\textsuperscript{*} receives information on traffic events and traffic disruptions and displays these on the map.

\begin{tabular}{|l|}
\hline
\textbf{NOTE}  \\
\hline
Traffic information is not available in all areas/countries.  \\
Coverage areas for traffic information is continuously extended.  \\
\hline
\end{tabular}

It is possible to make settings to determine which traffic-related information is shown on the map.

Traffic disruptions, such as congested and slow-moving traffic, road work and accidents, are shown with different symbols when the map is zoomed in.

Road construction, for example, is indicated by this symbol. Sections of road with major traffic disruptions are also shown with a red line on the side of the road affected. The line also indicates which direction of traffic is affected. If the disruption affects both directions of traffic, the section of road is marked with red lines on both sides of the road.

\begin{itemize}
\item \textbf{Information on traffic disruptions}  \\
\begin{itemize}
\item Tap the traffic disruption symbol.  \\
\item An information card will be displayed. Information may include e.g. the location of the traffic disruption with the street name/road number and its type/extent/duration.
\end{itemize}
\item \textbf{Avoiding traffic disruptions}  \\
If there are traffic disruptions along the route, the Avoid option can be selected. The system will then calculate an alternate route.
\item \textbf{Real Time Traffic Information (RTTI)}\textsuperscript{11}  \\
If the vehicle is connected to the Internet, enhanced traffic information can be retrieved using RTTI\textsuperscript{12}.
\end{itemize}

\begin{itemize}
\item \textbf{Related information}  \\
\begin{itemize}
\item Traffic information settings (p. 23)  \\
\item Map settings (p. 21)  \\
\item Show traffic disruptions along the route (p. 18)  \\
\item Real Time Traffic Information (RTTI) (p. 20)  \\
\item Information cards in the navigation system\textsuperscript{*} (p. 6)
\end{itemize}
\end{itemize}

\textbf{Show traffic disruptions along the route}

A list of traffic disruptions along the route can be shown when a destination has been entered in the navigation system\textsuperscript{*}.

1. When the map appears, expand the left-side toolbar using the down arrow and then the three dots.

2. Tap Ahead.

3. Tap Traffic. If there are no traffic problems along your route, the traffic button will be grayed out.

4. For additional information about a traffic disruption, tap the row to open an information card. Select one of the information card’s options and follow the instructions.

\textsuperscript{10} Only available in certain markets.  
\textsuperscript{11} Only available in certain markets.  
\textsuperscript{12} Real Time Traffic Information  
* Option/accessory.
5. Tap **Avoid** to avoid the traffic disruption.
   > The route will be recalculated and guidance will begin for the new route.

**Related information**
- Traffic disruptions on map (p. 18)
- Traffic information settings (p. 23)
- Information cards in the navigation system* (p. 6)
- Real Time Traffic Information (RTTI) (p. 20)

**Selecting a detour in the navigation system***
Select a detour to avoid the next section of the route, e.g. if the road is closed.

1. Expand the left-side toolbar using the down arrow and then the three dots.

2. Tap the **Detour** symbol to display an alternate route with information on the new distance and estimated travel time. Normally, only short detours are suggested to take you quickly back to your original itinerary.

3. To **accept** the suggested detour: Tap the sign with the detour information. The route is also accepted if you begin driving the suggested route. Once the suggestion has been accepted, guidance will resume using the detour as the new route. If you **do not accept** the suggestion, continue driving the original route.

Instead of choosing **Detour**, you can instead select another route and leave your itinerary's current route. The system will update the route automatically and continue guidance to your destination along the most suitable route.

It is also possible to display an alternative route while driving.

**Related information**
- Viewing alternative routes (p. 16)
Real Time Traffic Information (RTTI)\textsuperscript{13}

When the vehicle is connected to the Internet, the driver can access enhanced traffic information (RTTI\textsuperscript{14}) about traffic congestion, closed roads and other circumstances that could affect travel time.

If the RTTI service is activated, information about traffic events and flow is continuously retrieved from an online service. When a vehicle requests traffic flow information, anonymous data about traffic flow in the vehicle's location is also provided, which helps enable the service to function. Anonymous data is only sent when RTTI is activated. If the service is not activated, no data will be provided.

The service may need to be reactivated e.g. following certain software updates, after a workshop visit or when creating a new driver profile.

Current traffic information is shown in the navigation system * for highways/freeways, major roads, secondary roads and in some cases urban routes.

The amount of traffic information shown on the map depends on the distance to the vehicle and is only shown within approximately 120 km (75 miles) from the vehicle's location.

Text and symbols on the map are displayed in the usual way and the traffic flow shows how fast the traffic is moving on a road in comparison with the road's speed limit. The traffic flow is shown on the map on each side of the road with a colored line in each direction.

- Green - no disturbances.
- Orange - slow-moving traffic.
- Red - congestion/traffic jam/accident.
- Black - road closed.

**NOTE**

Traffic information is not available in all areas/countries.

Coverage areas for traffic information is continuously extended.

Related information

- Activating and deactivating enhanced traffic information (p. 20)

Activating and deactivating enhanced traffic information\textsuperscript{15}

When the vehicle is connected to the Internet, the driver can access enhanced traffic information (RTTI\textsuperscript{16}) in the navigation system *.

To activate or deactivate RTTI:

1. Tap **Settings** in the center display's Top view.
2. Tap **Navigation ➔ Traffic**.
3. Select **Real Time Traffic Information** to activate (replace regular traffic information with RTTI) or deactivate RTTI.
4. One pop-up window with the heading **Terms and conditions** and one with the heading **Data sharing** will appear if RTTI is being used for the first time.

If the vehicle's Internet connection is lost when RTTI is activated, regular traffic information will be automatically activated. RTTI will be reactivated when the vehicle is once again connected to the Internet.

\textsuperscript{13} Certain markets only.
\textsuperscript{14} Real Time Traffic Information
\textsuperscript{15} Certain markets only.
\textsuperscript{16} Real Time Traffic Information

* Option/accessory.
Deactivating green lines
To stop display of the green lines indicating that there are no traffic disturbances:
1. Tap Settings in the Top view.

Related information
- Real Time Traffic Information (RTTI) (p. 20)
- Traffic information settings (p. 23)

Navigation system* settings
Select settings for how the route and other information should be presented in the navigation system.

Settings ➔ Navigation

Settings can be personalized in the following areas:
- **Map** - manages the content and appearance of the map.
- **Route and Guidance** - handles guidance and how routes are calculated and displayed.
- **Traffic** - manages traffic information.

Related information
- Map settings (p. 21)
- Route settings and guidance (p. 22)
- Traffic information settings (p. 23)

Map settings
The following settings determine how the map is displayed in the navigation system*.

Settings ➔ Navigation ➔ Map

Settings can be personalized in the following areas:
- **Position Format**
- **Map Display Format**
- **Show Speed Cameras**
- **Show Favorites**
- **Point of Interest (POI)**

Position Format
Select Position Format to designate/display the current location on the map using its address or its coordinates:
- **Address**
- **Coordinates and Altitude**
Map Display Format
Select Map Display Format to choose background lighting for the map:
- **Day** - bright colors.
- **Night** - dark colors for better night vision.
- **Auto** - the system will switch between Day and Night depending on the ambient light in the passenger compartment.

Speed cameras
Select Show Speed Cameras to display speed cameras on the map.

Favorites
To display Favorites on the map, select.

Point of Interest (POI)
Select POIs to be displayed on the map under Point of Interest (POI). Tap on the desired category, e.g. "Transportation", and then select show all or specific sub categories. Tap Back or Close to exit the menu.

Related information
- Navigation system* settings (p. 21)
- Route settings and guidance (p. 22)
- Traffic information settings (p. 23)
- Viewing points of interest along the route (p. 17)

- Entering a POI as a destination (p. 12)
- Entering a destination using Recent/Favorites/Library (p. 13)

Route settings and guidance
Settings for how the route is calculated and how guidance is presented in the navigation system* are selected here.

Settings ➔ Navigation ➔ Route and Guidance

Settings can be personalized in the following areas:
- Arrival Time Format
- Voice Guidance Level
- Choose Default Route Type
- Route Learning
- Avoidance Settings
- Propose Gas Station

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17 This function is not available on all markets.
18 Point of Interest

* Option/accessory.
Arrival Time Format
Choose how arrival time will be displayed:
- ETA\(^{19}\) (estimated time of arrival at the destination)
- RTA\(^{20}\) (remaining time to arrival at destination)

Times are displayed according to the time zone of the destination.

Voice Guidance Level
1. Tap Voice Guidance Level.
2. Tap desired voice guidance:
   - None (no automatic voice guidance, but guidance can be manually requested once)
   - Low (only one message per guidance point)
   - Medium (up to 3 messages per guidance point, with limited information provided)
   - Full (up to 4 messages per guidance point and all available information provided)

Choose Default Route Type
Select the default type of route to be used:
- Fast
- Eco

- Scenic (highways/freeways are avoided whenever possible; note that this could lead to longer travel times)

It is also possible to display an alternative route while driving.

Route Learning
Select Route Learning to allow data to be collected to optimize route calculations.

Avoid
Tap Avoidance Settings to open a menu of options to automatically avoid (if possible) when calculating a route. Possible selections include tunnels, ferries, congestion charge zones, etc.

Suggest service station
Tap Propose Gas Station to activate or deactivate the display of suggestions for nearby service stations in the instrument panel when fuel level is low.

Traffic information settings
The following settings determine how traffic information\(^{21}\) is presented in the navigation system*.

**Settings ➔ Navigation ➔ Traffic**

Settings can be personalized in the following areas:
- Show and Handle Traffic Events
- Avoid Traffic Events
- Show Free Flowing Traffic
- Real Time Traffic Information

Show & Handle Traffic Events
Select to display traffic events on the map and use this information to calculate routes:
- None
- Major
- All types

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\(^{19}\) Estimated Time of Arrival
\(^{20}\) Remaining Time to Arrival

* Option/accessory.
Avoid Traffic Events
Select to avoid traffic problems when calculating routes.

- Never
- Ask - (suggestions for alternate routes will be provided when available during the trip)
- Always

Show Free Flowing Traffic
Select Show Free Flowing Traffic to show this on the map.

Using RTTI
Select Real Time Traffic Information to use enhanced traffic information when the vehicle is connected to the Internet (RTTI).

Related information
- Navigation system* settings (p. 21)
- Map settings (p. 21)
- Route settings and guidance (p. 22)
- Real Time Traffic Information (RTTI) (p. 20)

Map updating
MapCare is a free map update service for Volvo vehicles equipped with Sensus Navigation*.

General update information
Maps can be updated up to twice a year.

There are two ways to update maps. Either via a computer and USB flash drive or directly from the vehicle if the vehicle has an Internet connection.

The vehicle's map is divided into a number of fixed regions. When updating map data, the driver does not need to update all of these regions, but can instead choose to update only one or more specific regions.

One or more regions can be updated when the vehicle has an Internet connection. However, updating a large number of regions or the entire map requires a significant amount of data, and it may be advisable to use a computer and USB flash drive instead.

NOTE
If an itinerary includes more than one region, all regions should have the same version number to enable the system to calculate the best route to the destination.

Updating the map structure
Changing the map structure may sometimes be necessary, e.g., if a region is added or if a large region is divided into smaller ones. If this is the case, normal updates of individual regions may not be possible and a message will be displayed explaining what has happened.

In this situation, the entire map must be reinstalled from a USB flash drive. For additional information, see the Volvo Cars support site (support.volvocars.com) or contact a Volvo retailer.

Updating navigation system software
In addition to maps, the navigation system's own software is under constant development and needs to be updated occasionally. This could mean that a recently downloaded map is not supported by the current navigation system software. In such cases, a message will be displayed indicating that the navigation system software must be updated. Consult a Volvo retailer for assistance with the update. Your Volvo retailer can also assist with the map update itself. Please note that although the map update is free, the time required in the workshop to complete the update may incur costs.

* Option/accessory.

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21 Certain markets only.
22 Certain markets only.
23 Only available in certain countries.
FAQs

<table>
<thead>
<tr>
<th>Ask</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can the map data platform be changed from e.g. Europe to North America?</td>
<td>Yes, with some exceptions. Contact a Volvo retailer for up-to-date information.</td>
</tr>
<tr>
<td>How long do map updates take?</td>
<td>This depends on the size of the file(s) and the speed of the Internet connection. Information about the size of the update (in MB) will be displayed on the screen.</td>
</tr>
<tr>
<td>How big is an update?</td>
<td>This varies from market to market. For detailed information on your market's map, see the Volvo Cars support site, support.volvocars.com.</td>
</tr>
<tr>
<td>The update is not working. What should I do?</td>
<td>Try the Volvo Cars support site (support.volvocars.com) or contact a Volvo retailer.</td>
</tr>
</tbody>
</table>

Related information

- Updating maps with a computer and USB flash drive (p. 25)
- Updating maps from a vehicle with Internet connection (p. 28)
- Frequently Asked Questions regarding the navigation system* (p. 29)
- Navigation license agreements* (p. 30)
- Navigation system* copyright (p. 36)

Updating maps with a computer and USB flash drive

New maps can be downloaded from the Internet to a USB flash drive and then transferred from the flash drive to the vehicle’s navigation system*.

Preparations

![Computer/USB flash drive update](image)

* Option/accessory.
**USB flash drive**

For use in updates, the USB flash drive must meet the following requirements:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB standard (1.0/2.0/3.0):</td>
<td>At least 2.0</td>
</tr>
<tr>
<td>File system (Ext2/NTFS/FAT32):</td>
<td>FAT32</td>
</tr>
<tr>
<td>Capacity (8/16/32/64 GB):</td>
<td>Map file size varies from market to market. See file size descriptions under &quot;Detailed information&quot; for your market on the Volvo Cars support site (support.volvocars.com).</td>
</tr>
</tbody>
</table>

**Determining the current map version**

1. Tap Download Center in App view.
2. Tap Maps
   > Available map regions are displayed.
3. Tap the arrow to expand the selected region.
   > Detailed map information will be displayed.
4. Make a note of the map information shown under the map image.

**Downloading map data from the Internet to a USB flash drive**

Make sure you have a USB flash drive and the map information you noted down.

1. Go to the Volvo Cars support site (support.volvocars.com) on a computer connected to the Internet.
2. Select the maps, vehicle model and model year.
3. Tap the region to be updated.
   > A map containing information about the latest map data for the region will appear.
4. Verify that the map version is newer than the version in the vehicle.
5. Connect a USB flash drive to the computer and download the update to the USB flash drive.

The time required for the download varies depending on the size of the map and the speed of the Internet connection. It is possible to verify that the data has been correctly downloaded to the USB flash drive before installing the map in the vehicle by selecting to check the download status in the downloading program.

It is not advisable to download using a mobile connection from a mobile device, or from a device using a subscription that may have a monthly limit on the amount of data that can be used.

**Transferring map data from the USB flash drive to the vehicle**

The time required to transfer data from the USB flash drive to the vehicle varies depending on the size of the map data file. The update can be done while driving. The navigation system can be used while updating a map region, but it cannot be used during the update of an entire map market, e.g. the EU. If the transfer has not been completed when the ignition is switched off, the update will continue the next time the vehicle is driven. It is not necessary to be driving during the update, but the ignition must be on. If the vehicle is not driven during the update, battery assistance is recommended.
Updating
1. Activate the navigation system.
2. Connect the USB flash drive to the vehicle's USB port. If there are two USB ports, the other port cannot be used at the same time.
3. The navigation system automatically detects that an update is available and, during the update of the whole map database, shows on the screen what percentage of the process is complete.
   > When individual regions are updated, the update will start immediately.
   To start an update of the entire map database, tap Confirm. Tap Cancel to stop the installation.
4. Tap Confirm. The update of the entire map database will begin and progress information will be shown on the center display.
5. The center display will indicate when the update is finished. Remove the USB flash drive from the port.
6. Restart the infotainment system.
7. Verify that the correct map data has been transferred to the vehicle by repeating the steps described above under "Determining the current map version".

**NOTE**
In order for the installation to start, the following criteria must be met:
- Selected region is included on the system map. For example, only the region Scandinavia can be downloaded if the system already has a Europe map. If a completely new map is downloaded, the previous map will be overwritten.
- The version for the selected region is higher than that in the vehicle.
- Selected region is compatible with the car's software. If the update is not compatible then new software will need to be downloaded.
- Selected region is compatible with existing map. If the region is not compatible, the map must be replaced.

**Interruptions**
If an update is interrupted, an explanatory text will always appear in the center display.

<table>
<thead>
<tr>
<th>What happens if...</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>the infotainment system is turned off while an update is in progress?</td>
<td>The process will pause and will continue automatically when the system is reactivated, e.g. when the engine is started.</td>
</tr>
<tr>
<td>The USB flash drive is removed from the USB port before the update is finished?</td>
<td>The process will pause and will continue automatically when the USB flash drive is reconnected to the USB port.</td>
</tr>
</tbody>
</table>

For additional information, see the Volvo Cars support site (support.volvocars.com) or contact a Volvo retailer.

**Related information**
- Updating maps from a vehicle with Internet connection (p. 28)
- Map updating (p. 24)
Updating maps from a vehicle with Internet connection

The navigation system's maps can be updated when the vehicle is connected to the Internet.

1. Tap **Download Center** in App view.
   > The app will start and a number shown near **Maps** indicates the number of available map updates for the specified home region. This number will be displayed until a new search for updates has been performed or until updates have been installed.

2. Tap **Maps**.

3. Tap **Install** and then **Confirm**.
   > The installation/update of the selected map will begin.

For additional information, see the Volvo Cars support site (support.volvocars.com) or contact a Volvo retailer.

**Automatic map updates**

Automatic updates can only be selected if the **Auto Software Update** function is activated under **Settings ➔ System ➔ Download Center**.

1. Automatic map updates can only be selected for your home region. If the home region is not already selected, tap the down-arrow to expand the region.
   > Detailed map information will be displayed.

2. Tap **Set as home region**.

3. Check the **Auto update:** box.
   > When the vehicle is connected to the Internet and map updates are available, they will be automatically downloaded to the vehicle.

**If a map download is interrupted**

If a map download has begun but the vehicle was switched off before the download was finished, the process will be paused and then resumed automatically when the vehicle is started again and connected to the Internet.

If one or more updates were skipped or missed, the update files may be too large to be downloaded directly to the vehicle. In this case, the files can be downloaded to a USB flash drive and then transferred from the flash drive to the vehicle.

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24 Only available in certain countries.
Frequently Asked Questions regarding the navigation system*

Here are answers to some frequently asked questions about the navigation system Sensus Navigation.

The vehicle's location on the map is not correct
The navigation system displays the vehicle's location with an accuracy of approximately 20 meters (65 ft).

Accuracy may be reduced slightly when driving on a road that is parallel with another road, winding roads, multi-level roads and long stretches of road with no distinct curves.

High mountains, buildings, tunnels, viaducts, interchanges, multi-level roads, etc. may also affect the satellite signal reception, which may also reduce the system's ability to accurately calculate the vehicle's location.

The system does not always calculate the fastest/shortest route
Route calculation takes into account factors such as distance, road width, type of road, traffic intensity and speed limits to find the theoretically best possible route. Familiarity with an area and experience may enable the driver to find a more efficient route.

The system uses e.g. toll roads or highways even though I have chosen to avoid them
When calculating longer routes over greater distances, the system may choose major roads for technical reasons.

If you have chosen to avoid toll roads and highways, these will be avoided whenever possible and only used when no other viable option is available.

After being transported, the vehicle's location on the map is not correct
If the vehicle is transported on e.g. a ferry or train, or if satellite signals have been blocked for some other reason, it may take up to 5 minutes before the vehicle's location can be accurately calculated.

The vehicle symbol moves erratically on the screen after changing tires
In addition to satellite signals, the vehicle's speedometer and a gyroscopic sensor are also used to calculate location, speed and direction of travel. If any of the tires are changed, e.g. a spare tire or snow tires have been installed, the system needs to "learn" the new tire dimensions.

To help ensure the system functions optimally, Volvo recommends driving for a short period on roads with good satellite reception (clear view).
The map does not represent actual road conditions
Because road changes/additions/rerouting, new traffic regulations, etc. are always being implemented, the map database may not be up to date.

The database is continuously being updated and improved. Check regularly for updates.

The vehicle symbol jumps around or spins
The system may need a few seconds to determine the vehicle’s location before you start driving.

Switch off both the navigation system and the ignition. Restart but remain at a standstill for a moment before driving.

The map information is not up to date
See the next heading.

Is the most recent map version installed?
Map information is continuously being updated and improved. When updating maps via a computer and USB, the vehicle’s current map version can be displayed. Check the map version in the vehicle and compare it with the available map version on the Volvo Cars support page, support.volvocars.com.

Related information
• Map updating (p. 24)

Navigation license agreements*
The following is information for the end-user of the Sensus Navigation system.

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here.com/supplierterms

* Option/accessory.
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**CONTRACTOR (MANUFACTURER/ SUPPLIER) NAME:**

HERE

**CONTRACTOR (MANUFACTURER/ SUPPLIER) ADDRESS:**

425 West Randolph Street, Chicago, IL 60606.

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(Canadian models) ACCORD DE LICENCE D’UTILISATEUR FINAL DESTINÉ À LA DISTRIBUTION PAR HERE EN LES AMÉRIQUES / ASIE PACIFIQUE
MODALITÉS D'UTILISATION FINALE
Le contenu (« Données ») est livré en mode licence et non de vente. L'ouverture, l'installation, la copie du produit ou autre emploi des Données impliquent le consentement aux modalités de licence. En cas de désaccord avec les modalités de la licence, il est interdit d'installer, copier, utiliser ou transférer les Données. S'il n'y a pas consentement à certaines des modalités de la licence et que les Données ne sont pas déjà installées, copiées ou utilisées le titulaire peut obtenir le remboursement du prix d'achat, en en faisant part dans les trente (30) jours au détaillant HERE North America, LLC (« HERE ») où l'achat a été fait. Pour les coordonnées de HERE, consulter www here com Le disque de Données cartographiques (« Données »), est prévu pour une utilisation personnelle, un usage uniquement interne et ne peut en aucun cas être revendu. Il est protégé par les droits d'auteurs et assujetti aux modalités suivantes du présent « Accord de licence d'utilisateur final », ainsi qu'aux conditions convenues entre l'acquéreur du produit et HERE North America, LLC (« HERE ») ou ses concédants (comprenant concédants et fournisseurs). Aux fins des présentes, “Here” signifie
(a) Here North America, LLC pour ce qui concerne des Données pour les régions Amériques et/ou Asie Pacifique et (b) Here Europe B.V. pour ce qui concerne des Données pour l'Europe, le Moyen-Orient et/ou l'Afrique.

Les Données incluent certaines informations et contenus concédés sous licence à HERE par des tiers. Les Données font l'objet des conditions de fourniture applicables ainsi que des mentions de copyright indiquées sous l'URL suivant: here com/supplierterms

MODALITÉS
Restrictions de la licence d'utilisation : Le titulaire de la licence consent à utiliser les Données en question à des fins exclusivement personnelles, non commerciales pour lesquelles la licence a été accordée et non à des fins d'offre de services informatiques, d'exploitation partagée ou autres fins du même type. Le titulaire de la licence consent également à ne reproduire, ne copier, ne modifier, ne décompiler, ne désassembler ou ne concevoir à rebours aucune partie de ces Données et à ne les transférer ni les distribuer sous quelque forme ni à aucune autre fin, sauf dans la mesure permise par les lois prescrites en cette matière.

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MISE EN GARDE : Ces Données peuvent comporter des informations inexactes ou incomplètes en raison du passage du temps, de l'évolution des circonstances, des sources utilisées et des difficultés par nature de la collecte exhaustive de Données géographiques,
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Exonération de responsabilité : HERE ET SES CONCÉDANTS (Y COMPRIS LEURS PROPRES CONCÉDANTS ET FOURNISSEURS) NE PEUVENT ÊTRE TENUS RESPONSABLES PAR LE TITULAIRE DE LA LICENCE À L’ÉGARD DE TOUTE RÉCLAMATION, DEMANDE OU ACTION, QUELLE QUE SOIT LA NATURE DE LA CAUSE DE LA REVENDEICATION, DEMANDE OU ACTION ALLÉGUANT TOUTE PERTE, BLESSURE OU DES DOMMAGES, DIRECTS OU INDIRECTS, QUI POURRAIENT RÉSULTER DE L’UTILISATION OU LA POSSESSION DE CES DONNÉES, OU DE TOUTE PERTE DE BÉNÉFICES, REVENUS, CONTRATS OU ÉCONOMIE ATTENDUE OU DE TOUT AUTRE DOMMAGE DIRECT, INDIRECT, ACCESSOIRE, PARTICULIER OU CONSÉCUTIF, DÉCOULANT DE L’UTILISATION DU TITULAIRE OU DE L’IMPOSSIBILITÉ D’UTILISER CES DONNÉES, DE TOUT DÉFAUT DE CES DONNÉES, OU DE LA VIOLATION DE CES MODALITÉS OU CONDITIONS, QUE CE SOIT DANS UNE ACTION EN RESPONSABILITÉ CONTRACTUELLE OU DÉLICTUELLE OU FONDÉE SUR UNE GARANTIE, MÊME SI HERE OU SES CONCÉDANTS DE LICENCE ONT ÉTÉ AVISÉS DE LA POSSIBILITÉ D’UN TEL DOMMAGE. Certains États, territoires et pays n’autorisent pas certaines exclusions de responsabilité ou limitations des dommages-intérêts, dans cette mesure, la disposition ci-dessus pourrait ne pas s’appliquer.

Contrôle des exportations : Le titulaire de la licence accepte, où qu’il soit, de n’exporter aucune partie des Données de tout produit direct des présentes sauf en conformité, ainsi qu’à toutes les licences et autorisations requises ci-après, aux lois applicables relatives à l’exportation, aux règles et règlements, y compris, mais pas uniquement aux lois, règles et règlements administrés par le Bureau du contrôle des avoirs étrangers du département du Commerce des États-Unis et le Bureau de l’industrie et de la sécurité du département du Commerce des États-Unis. HERE est dispensée de ses obligations en vertu des présentes dans la mesure ou de telles lois, règles ou réglements relatifs à l’exportation de cette nature l’empêcheraient de s’y conformer.

Intégralité de l’accord : Ces modalités constituent l’intégralité de la licence entre HERE (et ses concédants, y compris leurs concédants et fournisseurs) et le titulaire de la licence eu égard à l’objet des présentes et remplacent la totalité de toutes les ententes écrites ou orales.
antérieures conclues entre les parties concernant l’objet des présentes.

**Divisibilité** : Le titulaire de la licence et HERE reconnaissent que toute partie de l’accord jugée illégaire ou inexécutable devra être enlevée et que le reliquat de l’accord restera entièrement en vigueur.

**Droit Applicable** : les termes et conditions ci-dessus sont assujetties aux lois de l’Etat du Illinois (pour les Données pour les régions Amériques et/ou Asie Pacifique) ou au droit néerlandais (pour les Données pour l’Europe, le Moyen-Orient et/ou l’Afrique), à l’exclusion

(i) des dispositions de conflit des lois, (ii) de la Convention des Nations Unies sur les Contrats de Vente Internationale de Marchandises, qui est expressément exclue.

Tout litige, réclamation, ou action découlant ou survenant en relation avec les Données (« Réclamations ») sera soumis à la compétence exclusive (a) des tribunaux de l’Etat de l’Illinois pour toutes Réclamations concernant les Données qui vous sont fournies au titre des présentes pour les régions Amériques et/ou Asie Pacifique et, (b) des tribunaux néerlandais pour les Données qui vous sont fournies au titre des présentes pour l’Europe, le Moyen-Orient et/ou l’Afrique.

**Utilisateurs finaux du gouvernement** : Si les Données sont en cours d’acquisition par ou pour le compte du gouvernement des États-Unis ou toute autre personne qui cherche à obtenir ou à appliquer des droits similaires à ceux habituellement réclamés par le gouvernement des États-Unis, ces Données sont considérées comme « article commercial » tel que ce terme est défini dans la réglementation 48 CFR (« FAR ») 2,101, dont l’usage est autorisé conformément à la présente licence de l’utilisateur final. Chaque copie de Données livrée ou fournie par d’autres moyens doit être marquée et inscrite, le cas échéant, avec le texte suivant « Avis d’utilisation » et devra être traitée conformément aux Avis de ce type:

**AVIS D’UTILISATION**

NOM DE L’ENTREPRENEUR (FABRICANT/ FOURNISSEUR) :

HERE

ADRESSE :

425 West Randolph Street, Chicago, IL 60606.

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Si l’agent de négociation des contrats, un organisme du gouvernement fédéral, ou tout autre fonctionnaire fédéral refuse d’utiliser la légende fournie dans les présentes, le responsable des marchés, l’organisme du gouvernement fédéral, ou tout autre fonctionnaire fédéral doit en aviser HERE avant de rechercher des moyens supplémentaires ou autres droits dans les Données.


**Related information**

- Map updating (p. 24)
- Navigation system* copyright (p. 36)
Navigation system* copyright

For information on Copyright ©, see "Navigation license agreements".

Related information
- Map updating (p. 24)
- Navigation license agreements* (p. 30)
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WARNING

California Proposition 65

Operating, servicing and maintaining a passenger vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.