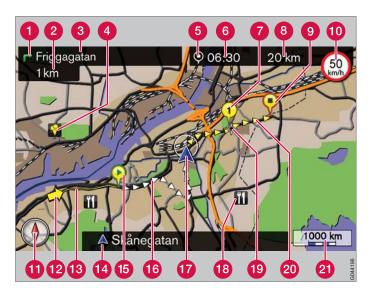


VOLVO S60 & V60

ROAD AND TRAFFIC INFORMATION SYSTEM (RTI)



OPERATING MANUAL



Road type	Colour
Motorway	Orange (Green may appear)
Primary road	Red
Smaller primary road	Brown
Ordinary road	Dark grey
Local road	Dark green

Text and symbols on screen

- Event at next guidance point
- 2 Distance to next guidance point
- 3 Stored location
- Name of next road/street
- 5 Symbol for destination/final destination
- 6 Calculated arrival time at final destination
- Planned route waypoint
- 8 Calculated remaining distance to destination
- Planned route final destination
- Maximum permitted speed at car's current position (17)
- Compass
- Traffic information
- (R) Section covered by traffic information
- Current road/street name at car's current position (17)
- Planned route start
- 16 Completed planned route
- The car's current position
- (Restaurant)
- 19 Next guidance point
- Planned route
- Map scale



ROAD AND TRAFFIC INFORMATION - RTI

Volvo's navigation system is a traffic information and road navigation system developed by Volvo. The system guides you to a destination and gives information along the route. It informs of situations that can affect the drive, such as accidents, road works and shows alternative routes.

It is possible to create an itinerary, search for points of interest (POI) along the route, store special places etc. The system displays the car's exact position and in event of a wrong turning always corrects to guide you to the destination.

You will see just how intuitive it is to use. Try it out. In order to get along with the system we recommend that you familiarise yourself with the information in this manual.

By facilitating accessibility and shortening driving distances, Volvo's navigation system contributes to a better environment.

License agreement NAVTEQ DATABASE

For information for the end user - see page 68.

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	systen	n			

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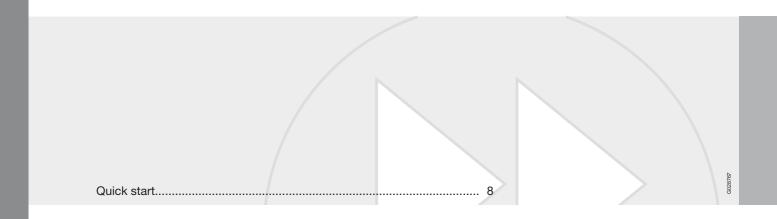


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QUICK GUIDE





Quick start

Activating the system

The car's electrical system must first be activated:

- Press the remote control key into the ignition switch and activate key position I (see the owner's manual for the car).
- If the navigation system does not start within a few seconds - press the centre console's NAV button.

Disclaimer

When the navigation system is started the display screen shows a text which must be confirmed:

Press the **OK** button.

For more information, see page 13.

Controls

Volvo's GPS navigator can be operated in several ways:

- With the steering wheel's right-hand keypad
- With the controls in the centre console
- With a remote control
- With voice recognition.

For a functional description, see page 17.

Main commands

The following instructions for specifying an itinerary apply when using the steering wheel keypad.

If the centre console keypad is used, the following applies:

Keypad in the steering wheel	Centre console
Scroll/select with the Thumbwheel	Turn TUNE
Press the Thumb- wheel	Press OK/MENU
Press EXIT	Press EXIT

Guidance to street address

- Scroll/select in the menus with the **Thumb-wheel**.
- Activate selections made by pressing the Thumbwheel.
- Go back in menus and/or undo using EXIT.

Menu	Action
Set destination	Press EXIT to access the Main menu. Scroll to Set destination and press the Thumbwheel .
Select point on map	Scroll to Select point on map + Thumbwheel.
Scroll	Move the crosshair with the centre console's numerical keys to the desired destination (6 moves to the right, 8 moves downward, etc.) + Thumbwheel.
Scroll menu	Press the Thumbwheel - a menu appears.
Add to itin- erary	Select Add to itinerary + Thumbwheel.
Start guid- ance	Go back to the main menu with EXIT, select Route details + Thumbwheel, then Itinerary + Thumbwheel and finish with Start guidance + Thumbwheel.

The navigation system now calculates the route, travel time and distance to the selected

Quick start

destination. The system provides guidance and instructions on junctions etc.

If there is a deviation from the planned route outline during the journey then the system automatically calculates a new route outline.

Guidance to facility

Menu	Action
Set destination	Press EXIT to access the Main menu. Scroll to Set destination and press the Thumbwheel .
Point of interest (POI)	Scroll to Point of interest (POI) + Thumbwheel.
By name	Select By name + Thumb- wheel.
Area:	Scroll to Area: + Thumb- wheel. Select the desired letters + press the Thumb- wheel to enter the country for the destination.
City:	Repeat the same for City:.

Menu	Action
Name:	Scroll to Name: + Thumb- wheel. Enter the facility's name, e.g. "Peppes Bod- ega" + Thumbwheel.
List shown	Select "Peppes Bodega" from the list of options that appears and press Thumb-wheel .
Add to itin- erary	Scroll to Add to itinerary + Thumbwheel.
Start guid- ance	Go back to the main menu with EXIT, select Route details + Thumbwheel, then Itinerary + Thumbwheel and finish with Start guidance + Thumbwheel.

The navigation system now calculates the route, travel time and distance to the selected facility.

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GET TO KNOW YOUR NAVIGATION SYSTEM





02

Manual

General information on the manual

There is a quick quide for the user who wants to get started right away - see page 8.

For a more in-depth description of the operation and options as well as the selection of settings to the destination, the recommendation is to read the manual in combination with practical use.

Menu options/Search paths

All options that can be selected on the display are marked in the manual with slightly larger and grey-shaded text, e.g. Set destination.

Search paths in the menu tree are stated as e.g.:

Set destination → Address → City

English text

All text in the manual's illustrations are in English.

In order that the user can understand illustrations, menu options and search paths linked to the manual's text, the illustration's English words - such as (english word) - are stated in brackets immediately following the synonym text/phrase/word in the manual's actual lanquage.

Special text



NOTE

Texts marked with NOTE give advice or tips that facilitate use of features and functions for example.

Footnote

There is information in the manual that is added as a footnote at the bottom of the page or in direct association with a table. This information is a supplement to the text to which it refers via the footnote number.

Options

All types of options/accessories are marked with an asterisk (*).

In addition to standard equipment, this manual also describes options (factory fitted equipment) and certain accessories (retrofitted extra equipment).

The equipment described in this owner's manual is not available in all cars - they have different equipment depending on adaptations for the needs of different markets and national or local laws and regulations.

In the event of uncertainty over what is standard or an option/accessory - contact a Volvo dealer.

Changes in the manual

The specifications, design features and illustrations in this owner's manual are not binding.

We reserve the right to make modifications without prior notice.

© Volvo Car Corporation



Before starting

General

Volvo navigation system is based on Navstar Global Positioning System, commonly known as GPS.

The GPS system uses reference system WGS84, which gives longitude and latitude positions.

The car's navigation system can be used without a destination being selected.

Map mode

Upon start-up, the navigation system shows an on-screen text message, which must be confirmed by pressing the **OK/MENU** button. The text is as follows:

 This system provides route information to help you reach your destination. Due to road conditions, some recommendations may not be accurate. Obey all traffic laws and drive based on your own good judgement. Always concentrate on your driving by keeping your eyes and mind on the road.

Then a map of the current geographic area is shown where the car is symbolised by a blue triangle in the centre of the map.

Settings

The system is supplied with default settings, but starts with the settings last used.

There is a function that resets all settings to default settings simultaneously, see page 49.

On/Off

On

- Push the remote control key into the ignition switch.
- 2. The screen activates automatically in the key position I (see the car's manual).
- Press the centre console's button NAV if the navigation system does not start automatically.
- Reply **OK** when the **Start up** text appears on-screen, see previous section **Map** mode.

The system may need a few seconds in order to detect the position and movement of the car.

Off

The system is shut down when the remote control key is removed from the ignition switch.

The navigation system cannot be switched off manually, but always works in the background

after the **Start up** sequence. If the system is not to be switched on:

 Reply EXIT at the Start up sequence, see section map mode.



NOTE

The Navigation system is also available when the engine is switched off. When the battery level gets too low the system switches off.

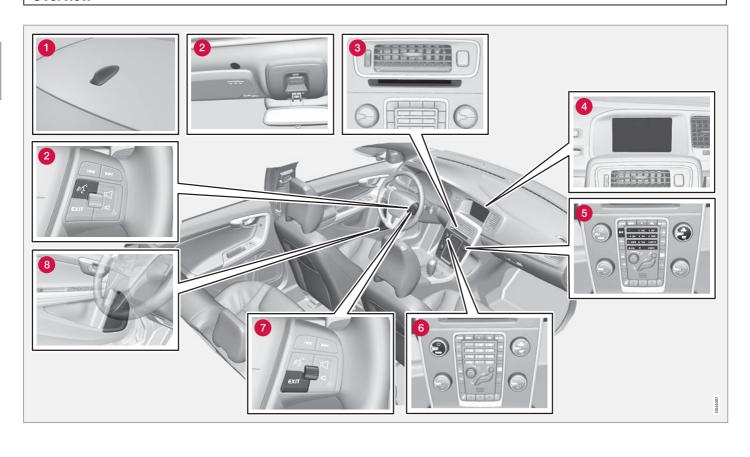
Demo (simulated guidance)

To see how the system works, guidance to an indicated destination can be simulated onscreen - see page 51.



Overview

02



Overview

1 Antenna for GPS

The antenna is integrated into the roof antenna.

2 Voice recognition

Some procedures in the Navigation system can also be voice controlled. The microphone is in the ceiling and the activation button is located in the right-hand keypad on the steering wheel. For more information, see page 19.

3 Main unit

The main unit is fitted in and behind the centre console and includes the following functions:

- · Calculating the position of the car
- Calculating the route to the specified destination
- Handling traffic information
- Voice guidance
- DVD player

The GPS receiver and the receiver for traffic information (TMC) are integrated into the main unit.

Positioning

The car's speed sensor and a gyro calculate the current position and the direction of travel of the car using signals from the GPS satellite system.

The advantage of this concept is that the Navigation system registers and calculates the route outline even if the GPS signal is temporarily lost, e.g. when driving through a tunnel.

Traffic information

TMC (Traffic Message Channel) is a standardised coding system for traffic information. The receiver automatically searches for the correct frequency. Reception takes place via the FM antenna.



NOTE

TMC is not available in all areas/countries. The system's coverage area is under constant construction and updating may sometimes be necessary.

For information about updating map data and software, see page 25.

4 Screen

The screen displays maps and provides detailed information on route type, distance, menus etc. For information screen care, see page 25.

5Keypad, centre console

As an alternative to the steering wheel keypad, the centre console's numerical keypad can be used in combination with buttons **OK/MENU**, **TUNE** and **EXIT** to scroll between different menu options, confirm options or go back in menus, see page 17.

6 Volume control and IR receiver

Use the audio unit's volume control during ongoing voice messages to adjust the volume, see page 27. The volume can also be adjusted in the menu system.

Point the remote control towards the centre console during use - its IR receiver is located there.



Overview

02

Reypad, steering wheel

A keypad is located on the right-hand side of the steering wheel. Use it to scroll between different menu options, to confirm selections or to move back in menus, see page 17.

8 Speakers

Navigation system audio uses the front loudspeakers.

Controls

General information about controls

The navigation system is operated by controls on the centre console, the steering wheel keypad or using a remote control*. The three different control unit keypads have common functions but differ in appearance and operation. The design may also vary depending on market.

The system can also be controlled by voice recognition using specific commands.

Centre console



Centre console keypad.

NAV activates the GPS navigator on the display screen. The button also switches between On/Off to display e.g. climate system status on the top and bottom section of the display screen.

- Numerical keys enter information for address and name search, and scroll on the map, see pages 23 and 28.
- Press OK/MENU once to confirm or activate a selection. Described in this manual with the OK button or "+ OK".
- Turn TUNE to scroll between different menu options. Described in this manual with the TUNE knob.
- Press EXIT once to go back in the menu structure or undo a selection.

Steering wheel

The steering wheel's keypad is available in several versions depending on market and selection of audio system.



Steering wheel right-hand keypad.

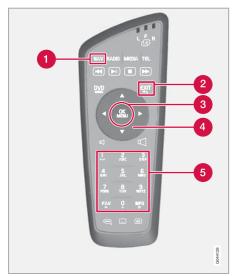
- Turn the thumbwheel to scroll between different menu options.
- Press the thumbwheel to confirm/activate a selection.
- EXIT goes back in the menu structure or undoes a selection.

Remote control

The remote control can be used to control/ operate several different functions in the car only the related navigation system is described here.

Point the remote control at the centre console during use.

Controls



Remote control keypad for GPS navigation.

- NAV activates the GPS navigator on the display screen. The button also switches between On/Off to display e.g. climate system status on the top and bottom section of the display screen.
- **2 EXIT** goes back in the menu structure or undoes a selection.

- OK/MENU confirms or activates a selection. Described in this manual with the OK button or "+ OK".
- 4 Arrow keys move the menu cursor.
- **Solution Numerical keys** enter data for address and name search, and scroll on the map.



If the remote control does not work try replacing the batteries - it uses AAA-/R03 batteries.

WARNING

Store the remote control and other similar objects in one of the storage compartments - in event of hard braking and/or collision such objects can cause personal injury or other damage.

Voice recognition

See the next section.

Additional information





Sometimes there is more information available than can fit on the menu bar - the line then ends with the character: #

To read the rest of the information:

Press the INFO button.

Voice control

General about Voice control

Voice control means that certain functions in the navigation system can be activated by the spoken word.

The Voice commands offer comfort and help the driver to avoid distraction - instead the driver can concentrate on driving and focus attention on the road and traffic situation.

Λ

WARNING

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

The Voice control uses the common microphone of the hands-free system - the driver receives responses to the Voice control through the vehicle's loud speakers.

The microphone is positioned in the ceiling in front of the driver for optimal take-up of the driver's speech - it can however be disturbed by/pick up loud voices from passengers.

Handling



Keypad in steering wheel.



Button for voice control

Activate the system

 One short press on the steering wheel button (1) activates the system - it is then ready to accept a command.

Think of the following when using the Voice control system:

- For commands Speak after the tone with a normal voice at a normal tempo
- The car's doors, windows and sunroof must be closed
- Avoid background noise in the passenger compartment.

i NOTE

If unsure of which command to use the driver can say "Help" - the system then responds with several different commands that can be used in the relevant situation.

The voice command can be interrupted by:

- not speaking
- saying "Cancel"
- holding the steering wheel button for voice control for a couple of seconds
- press EXIT
- press one of the centre console buttons NAV, RADIO, MEDIA, MY CAR or CAM.

Use the voice command

Entering information in the navigation system using the voice command is very simple because the screen lists the frequently occurring commands to be used in the relevant situation.

Start

A voice command is started as follows:

Voice control

- Press the steering wheel button for Voice control - the display lists examples of possible commands.
- Select "Navigation" for example and state the word clearly and in normal conversational tone.
- The screen shifts to the option "Repeat instruction/Navigation go to address/ Itinerary" - Select and say "Itinerary".
- 4. Etc....

Note that greyed out text and text in brackets is **not** included in the spoken command.



NOTE

For various reasons, it is not possible to select all menus and options that are visible on the screen:

- Selectable menu lines/options are clear and white.
- Not selectable menu lines/options are matt and grey.

The command can be given in several ways

The command "Navigation go to address" can be stated as:

"Navigation > Go to... > Address" Say "Navigation", wait for the system response in the form of suitable on-screen

options. Continue by saying, for example, "Go to..." and conclude with "Address".

or

Say the whole command in one sequence
 "Navigation go to address".

Tips

Some good advice:

- Give a command by first pressing the voice button and then speaking naturally after the tone.
- To respond to the Voice control system speak after the tone at the end of the question.
- To interrupt a voice session hold the voice button in.
- The driver can obtain help during a dialogue by saying "Help" after a listening tone.
- The dialogue with the system can be speeded up Interrupt the system's speech with a short press on the button's voice button, wait for a tone and then start talking.
- If the driver is concentrating on driving, there is no need to make an immediate response to the question.

- The system asks for an action a maximum of three times - if the driver does not respond the dialogue is ended.
- Avoid speaking while the system is responding - the system is not disturbed by this but the driver may miss information stated by the system

Example

Here are some normal commands:

- Navigation go to address
- Navigation go to POI
- Navigation delete next waypoint
- Navigation cancel guidance.



NOTE

A complete list of quick commands is in MY CAR-menu - Go to Settings → Voice settings → Voice command list → Navigation commands.

Voice control

Help functions and settings

In the menu system MY CAR there are programs where the driver can practice the different functions in the Voice control system. To describe the menu system MY CAR - see the car's normal instruction manual.

The better the driver knows the Voice control system, the more comfortable the driver will be using the functions. Practicing using the integrated practice programs is therefore recommended.



NOTE

The practice programs are only accessible when the car is stationary with the hand-brake applied.

Introduction to voice control

The program Voice tutorial gives the driver step by step instructions in the use of the Voice control system and is a simple way of becoming familiar with the methods of giving the commands.

The program can be started in two ways:

 Press the steering wheel button for voice control and say "Voice tutorial".

or

 Activate the program in MY CAR - Go to Settings > Voice settings > Voice tutorial.

Voice training

The program Voice training teaches the Voice control system to recognise the driver's voice and speech pattern. It is also possible to create a second user profile - an advantage if more than one person is likely to use the car/system regularly.

The voice training is started in MY CAR Go to Settings → Voice settings → Voice
training → User 1 or User 2.



NOTE

The menu option **Default setting** can be changed to **User 1** first after a lesson in **Voice training** has been completed.

More settings in MY CAR

- User profile 2 x different user profiles can be set. Go to Settings → Voice settings → Voice user setting. Tick one of the options Default setting, User 1 or User 2.
- Voice volume Go to Settings

 Voice settings

 Voice output volume and select the desired level.

The system's voice volume can also be adjusted using the centre console **TUNE** knob when the system is speaking.

Language

The voice control system is under constant development and at time of printing the following languages were available:

- English (UK)
- English (US)
- French (CAN)
- French (FRA)
- Dutch
- Italian
- Spanish (EU)
- Spanish (US)
- Swedish
- German

To change the language - Go to Settings → System options → Language and select.



The languages that are included in the Voice control system have this icon in the language list.

Language dependent user profile
The voice control system only understands the
language set in System options.



Voice control

Say that user profile **User 1** is stored by a Swedish speaking driver with the system set in Swedish. If the driver changes the car language to English the user profile **User 1** will no longer be selectable because the system now only understands, and expects English speech - instead the option **Default setting** becomes active.

To improve the system's understanding of the driver's English speech the solution is to teach and store the driver's English speech in **User 2** with the system set to English (to have both variants available) or to replace the Swedish language profile in **User 1** with an English profile.

02

Keyboard

Entering and selecting options



Screen view with text field or optional text.

This navigation system uses a "daisy wheel" to enter specific information, e.g. type of POI, place/town, area/country, address, street or post code.

Activate an option

After marking a desired function/menu bar using the **thumb wheel** or the **TUNE** knob, press the **thumb wheel/OK** to see the next level of functions/options.

Enter as follows



The daisy wheel.

- 1. Mark a text field.
- 2. Press **OK** to call up the "daisy wheel":
- Select the characters using the thumb wheelTUNE knob and enter them by pressing thumb wheelOK.

Numerical keyboard

Another way of entering characters is using the centre console's buttons **0-9**. * and #.

When **9** is pressed, a bar appears with all characters under the buttons: **W**, **x**, **y**, **z** and **9**. Quick press the move/"loop" cursor through these characters.

- Stop using the cursor on the desired character to select it the character is shown on the enter line.
- If the same character is wanted again, Press thumb wheel/OK.

Delete/change using EXIT.

More options



NOTE

Muted characters cannot be selected in combination with the relevant entered characters.

In the daisy wheel's inset menu there are further options that have more characters and digits.

- More (More) + **OK** alternative characters appear in the wheel.
- 123 + OK digits appear in the wheel.
- => + OK the cursor moves to the list to the right of the screen where selections using OK can be made.
- Last 5 (Last 5) + OK lists the last selected destinations. Mark one of them + OK.

Keyboard

List of options



List that matches entered characters.

The digit 5 in the screen's top right-hand corner indicates that the list contains 5 possible options that match the entered lettersBEZ.

No list

An empty list and the characters *** in the upper right-hand corner's digit window, mean that the possible options with current entered characters are more than 1000 - when the amount is less, the current options are shown automatically.

To reduce the number of options in the list:

Enter more characters on the text line.

02

DVD disc, screen

DVD contents

DVDs with updated map data and related enhanced information are being developed continually. Contact a Volvo dealer for information on the latest issue.



NOTE

Map data does not have 100 percent coverage in all areas/countries.

The system's coverage area is under constant construction and updating may sometimes be necessary.

See also www.volvocars.com/navi for further information on maps etc.

Map areas

The car's map system varies depending on market. The following main maps are available:

- Australia & New Zealand (Pacific)
- Europe
- Middle East
- North America
- South Africa
- South America
- Southeast Asia
- Russia.

Updating the map data

The DVD with the update must be transferred over to the car's navigation system. This is done with the car's normal DVD player.

- 1. Start the engine.
- Insert the DVD with the update in the DVD player. An update may be distributed over several discs - in which case, eject the discs in the logical/numerical order.
- The display screen shows what the update consists of and the approximate time the process takes - Answer Yes or No to the question of whether updating should be carried out.
- After having selected Yes + OK Follow the instructions on the display screen.



NOTE

Updating of map data can in some cases also introduce new functions to the system, which are not described in this manual.

Interrupted update

If the update is not finished when the engine is switched off then the process continues the next time the engine is started, from where it was interrupted.



NOTE

The navigation system can be used while updating - although with certain functions reduced or shut off.

Care of DVD discs

Handle DVD discs with care.

When they are not in use they must be stored in their packaging. Avoid storing them in damp, high temperature, direct sunlight or dusty surroundings.

Screen care

Clean the screen with a soft, lint-free rag, lightly moistened with a mild window cleaning agent.



IMPORTANT

Do not place any objects in front of the GPS navigator's display screen - the surface could then be scratched. Mobile phones can also interfere with the display screen's function.

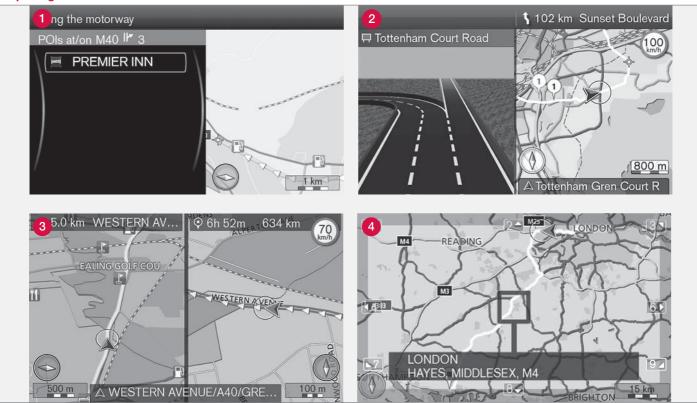


02

02 Get to know your navigation system

Maps, road types and compass

Map image





Maps, road types and compass

Map image of current position

The appearance of the screen image depends on geographic position and the settings made, e.g. map scale, POIs selected for display etc.

Explanations for the text, signs and symbols that may appear on the display are available on the front of the cover.

- 1 POIs along the motorway see page 36.
- 2 Detailed junction map. The left-hand section of the display enlarges the navigation at the next junction. The situation is always supplemented with a voice message, see next section.
- Two maps can be selected as display mode. The screen shows the same map image but in two different scales. 2D or 3D display can also be selected - see page 46.
- Scroll mode see page 28.

Voice guidance

After a destination has been entered and the car approaches a junction or exit, a voice message sounds stating distance and type of the next manoeuvre. At the same time a detailed map of the junction is displayed. The voice guidance message is repeated closer to the junction.

The volume can be adjusted with the audio unit's volume button (during ongoing voice message).

To repeat a message:

Press twice on the OK button.

Also see Settings → Guidance options → Voice guidance - see page 48.



NOTE

In certain cases (for example if using a Bluetooth connected mobile phone) the voice message is replaced by a ping noise.

To select male or female voice and language:

 Go to the menu system in MY CAR - see the car's manual. The voice volume can also be adjusted there.

Compass



The red tip of the compass needle points north and the white end points south.

Go to Settings → Map options → Compass to select whether the compass is to be displayed or not - see page 47.

Menus

Menu system

All menus and options are presented in the relevant section of the manual.

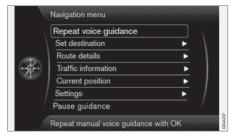


NOTE

For various reasons, it is not possible to select all menus and options that are visible on the screen:

- Selectable menu lines/options are clear and white.
- Not selectable menu lines/options are matt and grey.

Main menu



The main menu is at the top of the menu tree and is the first menu to greet the user after the start-up disclaimer and map mode.

To access the main menu from map mode:

• Press the **OK** button.

To access the main menu from another menu:

Press EXIT repeatedly until it is shown.

Back to the Main menu

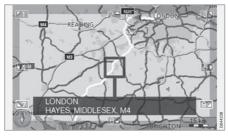
Regardless of where the user is in the menu structure, the Main menu can always be accessed by pressing once or more on the **EXIT** button.

Back to the map

There is an easy way to quickly bring up the map on the screen again, no matter how deep into the menu system the user is:

Hold in EXIT for a few seconds.

Scroll menu



In Scroll mode a crosshair is moved over the map image with the centre console's numerical keys.

To activate Scroll mode in normal map mode:

Press one of the numerical keys 0-9.

To scroll:

Press one of the numerical digit keys
 1-2-3-4-6-7-8-9 - a directional arrow is shown in the margins combined with the number that will be used to scroll the map in the desired direction.

To zoom out/in:

• Turn the **TUNE** knob.

To exit from Scroll mode:

Press EXIT.

Crosshair

Press **OK** once to show a menu for the location on the map, the centre of the crosshair points to:

- Add to itinerary Adds the location to the itinerary.
- POIs nearby Shows facilities available around the location.
- Read traffic message Lists traffic messages available.
- Information Shows information available about the location.
- Store Opens the menu Set destination
 → Stored location → Edit, see page 37.

02

Menu tree in three levels

Shown here are three of the menu tree's levels. Several of the menus at level three have further sub menus - these are described in more detail in respective sections.

Repeat voice guidance	page 27
Set destination	page 34
Address Area: City: Street: Number: Junction: Add to itinerary Information	page 34

→ Point of interest (POI) By name Near the car Along the route Around point on map Along the street Along the motorway	page 35
→ Stored location Add to itinerary Information Edit Sort by Delete	page 36
Previous destination Add to itinerary Information Store Delete Delete all	page 37

Return trip Start guidance Add to itinerary Edit itinerary	page 38
→ Select point on map	page 38
→ Latitude & longitude	page 38
→ Postcode	page 39
Route details	page 40
Start guidance Add to itinerary Edit itinerary	page 40
→ Avoid	page 41
→ Next destination	page 41



Menu tree in three levels

02

→ Route instructions	page 42
→ Map of entire route	page 42
→ Map of remaining route	page 42
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→ Avoided traffic events	page 58
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Route options Route type Route proposals Customise route Route learning Reset route learning	page 44

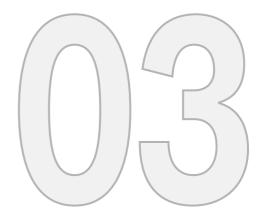
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Pause guidance or Resume guidance	page 50

A Not available in all areas/countries.

02



PLANNING YOUR TRIP





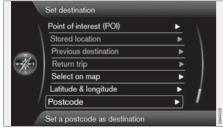
03 Planning your trip

Specify a destination

Address

(Address)





There are several different ways to program a destination.

It is sufficient to simply specify a city/district/community and start the journey - it leads to the centre of the community/district/city.

If a destination's latitude and longitude are known then these can be entered.

See page 23 for information on how characters are written/entered into the system's various text fields.



NOTE

The definition of city or area can vary from country to country, and also within the same country. In some cases a metropolitan area is indicated - in others an individual suburb.

City or street



The cursor first rests on Street (Street).

Set destination → Address

(Set destination → Address)

How to search and locate a destination:

- With the previous image view on the display screen - Press OK to activate the preset text box.
- Enter the street's name Street: (Street) with the "daisy wheel" and then select a "suitable" City: (City).
- 3. Or select City: (City) + OK and start by entering it.

The following search criteria can be used:

- Area: (Area) Enter a country.
- City: (City) Enter the city/community/district.
- Postcode: Under City: the search can also be made using a post code.
- Street: (Street) Enter the street address.
- Number: (Number) Select one of the street's house numbers.
- Junction: (Junction) Select a destination based on where the two streets/roads intersect.
- Add to itinerary (Add to itinerary) Select
 + OK to add the address to the itinerary.
- Information (Information) Select + OK to view information about the selected destination.

03



Specify a destination

More about Information

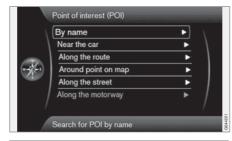


Select an address/street + **OK** - then the following can be selected:

- Map (Map) Shows where on the map the location can be found - sometimes with additional information.
- Call (Call) Calls the facility if a telephone number is given.
- Related POI (Related POI) Lists the facilities associated with the selected location.
- Parking nearby (Parking nearby) Lists parking where appropriate with the distance to the facility.

Facilities

(Point of interest (POI))



Set destination → Point of interest (POI)

(Set destination → Point of interest (POI))

The system contains a large number of searchable facilities which can be specified as destinations. The list of desired facilities can be shortened by specifying which facility/facilities the current search relates to:

 Select Type: (Type) and specify which facilities should be covered by the search (it is the same approach as described on page 47).

To select which facilities should be permanently visible on the map, go to the menu Settings → POI on map - see page 47.

All searches are made in the manner described in the previous section **City or street**:

- Specify Area: (Area)/City: (City)/Type: (Type)/Name: (Name).
- Then select Add to itinerary (Add to itinerary) or Information (Information) + OK.

With name

(By name)



In addition to searching with main group, such as Restaurant, the company name of the facility can also be used, e.g. "Peppes Bodega". The procedure is the same as when searching with Address, see page 34.

When searching with Name: with e.g. "London Airport", all combinations with "London" will be shown when "Lo" is entered. The more letters you input the more specific the reply.

03

03 Planning your trip

Specify a destination

A search with "Lo" also produces reply alternatives such as "Restaurant Lou Trivalou" for example, as alternatives containing several words separated by spaces are also included in the search.



(i) NOTE

There are subcategories for restaurants in order to simplify the search.

Around the car

(Near the car)

Search of facility refers to the area around the car's current position.

Along the route

(Along the route)



Search of facility refers to the area along the set itinerary.

Around point on map

(Around point on map)

Search of facility is made with the Scroll function crosshair - see page 28.

• The scroll map is shown - place the crosshair at the desired location + OK

Along the street

(Along the street)



Search of facility refers to the area along a specific street/road.

Along the motorway

(Along the motorway)



Search of facility refers to the area along a specific motorway.

Stored location

(Stored location)



Set destination → Stored location

(Set destination → Stored location)



Specify a destination

The driver can store a large number of his/her own locations in the system. They can then be used to quickly draw up/supplement an itinerary.

Store a location

To store a chosen location:

- Use the Scroll function (see page 28) and select the location to be stored.
- 2. Press **OK** to display the "crosshair" menu.
- Select Store location + OK now the location is stored and is included in the list Stored location

Mark a stored location in the list + **OK** and choose between the following options:

Add to itinerary (Add to itinerary)

This option opens the same window as for Set destination → Address → Add to itinerary - see page 40.

Information (Information)

This option opens the same window as for Set destination → Address → Add to itinerary → Information - see page 35.

Edit (Edit)



Opens marked **Stored location** and gives option to change/update the following:

- Name (Name) Enter a name for the location
- Icon (Icon) Select a symbol that represents the location on the map
- Address (Address) Enter an address
- Phone: (Phone) Enter a telephone number
- Edit voice tag (Edit voice tag) Record your own sound (only in combination with audio unit High Performance or Premium).
 Follow the on-screen instructions.
- Show name on map (Show name on map) - Untick if the location name is not to be displayed on the map.
- Store (Store) Save changes with OK.

Sort by (Sort by)

Select whether stored locations are to be sorted by:

- Name
- lcon
- Distance
- Chronological

Clear (Delete)

Delete a marked stored location.

Previous destinations

(Previous destination)



Previously used destinations are stored here. Mark one of them and then select between:

- Add to itinerary (Add to itinerary)
- Information (Information)

03 Planning your trip

Specify a destination

- Store (Store) see more about this option after the next image.
- Delete (Delete)
- Delete all (Delete all).



The option**Store** shows this Edit menu.

The optionStore (Store) leads to the same Edit menu as for Stored location → Edit.

For more information - see page 36.

 To add/change information for the destination - Mark Store + OK.

Return trip

(Return trip)

Goes back to the itinerary starting point. Can be selected anywhere/anytime in the itinerary.

Choose between:

- Start guidance
- Add to itinerary
- Edit itinerary Choose between Clear itinerary and Route options.

Search via point on map

(Select on map)



Set destination → Select point on map

(Set destination → Select on map)

Shows maps with current location pointed out by a cursor. Also see the Scroll function on page 28.

- Turn **TUNE** to change the scale.
- Move the crosshairs using the centre console's numerical buttons (6 moves to the right, 8 moves down etc).
- When the desired location has been found press **OK**
- 2. Then select **Add to itinerary** or one of the other displayed options.

Search via Latitude/Longitude

(Latitude & longitude)



Set destination → Latitude & longitude

(Set destination → Latitude & Longitude)

03



Specify a destination

Select destination with GPS coordinates:

- Place the cursor on the character to be changed and press OK - the character window becomes "active".
- Enter a digit using the centre console's numerical buttons (or turn TUNE) - finish with OK or place the cursor on the next character - previous character window is "deactivated".
- Move the cursor to the next character location to be changed and repeat.
- With the cursor in both windows to the far right, (or turn TUNE) the letters for the cardinal points - N = 6, S = 7, W = 9 and E = 3 are entered.
- When both coordinates are entered mark Add to itinerary + OK to add the location to the itinerary.

Add to itinerary

(Add to itinerary)

Add the location of the selected coordinates on the map to the itinerary.

Information

(Information)

Shows information available about the location.

Post code

(Postcode)





Search destination by post code:

- Mark Postcode: + OK to view the "daisy wheel".
- Select the characters using the **TUNE** knob and enter them by pressing **OK**.
- Or use the centre console's numerical buttons.



Presentations of post codes may differ between different markets/areas.

Itinerary

Menu overview



Route details

(Route details)

The system handles one itinerary (Itinerary) at a time with a maximum of 8 intermediate destinations.

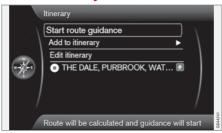
The first specified destination is the journey's Final destination - subsequent input destinations are Intermediate destinations.

i NOTE

The most recently added destination is always Way point-1 - previous Way points are increased a step: "Old" Waypoint-1 becomes Waypoint-2, etc.

If a new order is required - Go to Route details → Itinerary, Mark a way point and → Move in list.

Enter an itinerary



Route details → Itinerary

(Route details → Itinerary)

Draw up an itinerary with several stops to avoid entering destination after destination during your trip.

One final destination with up to 8 intermediate destinations can be specified.

Start guidance

(Start route guidance)

Cursor on **Start guidance** + **OK** activates current itinerary.



Results with "Route proposal 3" ticked.

If the display of 3 alternative itineraries is preset then the driver can select one of them, see the menu Settings → Route options → Route proposals, page 45.

Add to itinerary

(Add to itinerary)

Adds an intermediate destination. Gives the same menu as in "Set destination" - see page 34.



Itinerary

Edit itinerary

(Edit itinerary)

Gives the options:

- Clear itinerary deletes the current itinerary.
- Route options opens a shortcut to Settings → Route options - see page 44.

Intermediate destinations in the itinerary



By selecting intermediate destination + **OK** each intermediate destination in the itinerary can be updated.

Information (Information) - Full name and address, and Latitude and Longitude. In addition, a facility can be Called up and any Facilities around the location and Car parking in the vicinity can be seen.

- Delete (Delete) deletes the intermediate destination.
- Move in list (Move in list) changes the order in the itinerary.
- Adjust on map (Adjust on map) shows the location on the map with a crosshair.
 Another location there be scrolled forward and selected with OK, see more about the Scroll function on page 28.
- Store (Store) opens the menu Set destination → Stored location → Edit, see page 37.

Avoid

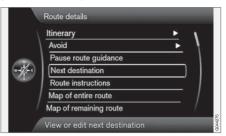
(Avoid)



A distance in the itinerary can be deselected here. The alternative distances are calculated from the car's current position. The system then selects another route. Select the desired option + OK.

Next destination

(Next destination)





Shows the next intermediate destination's position on the map, name, address, estimated time of arrival and distance there. Also gives the options:

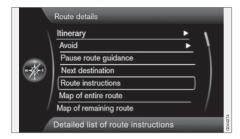
03 Planning your trip

Itinerary

- Delete (Delete) deletes the current intermediate destination and shows the next one.
- Map (Map) shows the position on the map in the Scroll menu, see page 28.
- >> scrolls to the next intermediate destination in the itinerary, in a loop.
- Call (Call) calls up the facility if possible.

Route instructions

(Route instructions)





The itinerary's waypoints are listed here.

Map of entire route

(Map of entire route)



The whole itinerary is shown here - scaled down to fit on the display screen.

Otherwise, the same functions as in the Scroll menu, see page 28.

Map of the remaining route

(Map of remaining route)

Shows screen image similar to the one in the previous section, but here only with the itinerary's remaining distance from the car's current position.

Otherwise, the same functions as in the Scroll menu, see page 28.

03



Current position

Where am I?



Current position

(Current position)

Displays a map with the car's current position and information on the location, such as name and coordinates.

Traffic information



Settings → Traffic information

(Settings → Traffic information)

Settings that affect traffic information can be made other than those described here - see page 57.

Traffic station

(Traffic station)



The traffic information's radio transmitter can be selected here.

- Auto (Auto) the system automatically searches for the most suitable/strongest transmitter.
- Manual the driver sets the radio station frequency.

Traffic message

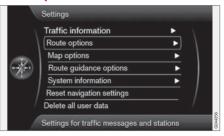
(Traffic message)



Certain traffic message sorting can be done here:

- All (All) all reported traffic disruptions appear.
- Major indicates, for example, closed roads due to accidents or other large/longterm disruption.
- None indication of traffic problem off.

Route options



Settings → Route options

(Settings → Route options)

Route type

(Route type)





Different types of itinerary can be selected here:

- Fast (Fast) shortest possible travel time prioritised
- Short shortest possible route prioritised
- Easy minimum number of junctions and similar traffic systems prioritised.

Route proposals

(Route proposals)



At the command **Start guidance** there may be several similar suitable options. Select this if the driver should be asked in case there are several options to choose from:

- Select 1 if the navigation system is to select the most suitable option.
- Select 3 if the driver is to be able to select between the maximum 3 given suggestions.

See more information on page 40.

Customise route

(Customise route)



Here you can deselect certain traffic suggestions. Tick to avoid the following along the entire route:

- Avoid motorways (Avoid motorways)
- Avoid toll roads (Avoid toll roads)
- Avoid ferries (Avoid ferries)

- Avoid congestion charging zones (Avoid congestion charging zones)
- Avoid tunnels (Avoid tunnels)
- Avoid time-restricted roads (Avoid timerestricted roads)
- Avoid season-restricted roads (Avoid season-restricted roads)
- Avoid car trains



- If an itinerary is entered when these selections are made, there may be a certain delay after an alternative has been ticked/unticked because the travel plan must be recalculated.
- If tunnels, toll roads and motorways are deselected these are avoided to the greatest possible degree and only used if there are no other suitable alternative is available.

Route learning

(Route learning)

The basic condition is a stored itinerary. If the driver deviates from the itinerary and take a different route to the final destination than the system recommends, the system memorizes the driver's choice.

03 Planning your trip

Settings

If the same itinerary is used again 2 times and the driver repeats the route choice, the system will instead show the path that the driver selected.

Ticked window means that a route that is driven 3 times is stored as itinerary instead of the original itinerary.

Reset route learning

(Reset route learning)

Erase driving history.

Map options





Settings → Map options

(Settings → Map options)

Map colours

(Map colors)

Choose between:

- Automatic
- Day (Day in previous image)
- Night

Single map settings

(Single map settings)

 Map orientation - Select Heading or North.

North - the map always shows North at the top of the screen. The car symbol moves in the relevant direction on the screen.

Heading - the car symbol is in the centre and always points up on the screen. The map image rotates under the car symbol in relation to how the road bends.

- Map view Select 2D or 3D.
- **2D** car symbol and map image seen at right angles straight from above.

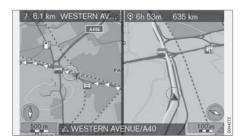
3D - car symbol and map image seen obliquely from the side/above.

Show dual map mode

(Show dual map mode)







The screen can display the map of the entire image area or the same map view in 2 different scales on each left and right half.

Select by ticking in the box by **Show dual map** mode (Show dual map mode) + **OK** and **EXIT**.

Left map settings

(Left map settings)

- Map orientation Select Heading or North.
- Map view Select 2D or 3D.

Right map settings

(Right map settings)

Same as for left map - see previous section.

Adjust the map scale in dual map mode

To view both maps with different map scales, they can be adjusted individually as follows:

- Start from map view mode. Turn the TUNE knob to the left and right - one screen half is surrounded by a colour frame.
- Press **OK** marked screen half is now active.
- 3. Turn the **TUNE** knob to adjust the scale.
- Press **OK** again done, the screen half is deactivated.

POI on map

(POI on map)



Tick the desired option for how many POIs are to appear on the map:

- All (All) all POIs appear.
- None no POIs appear.
- Selected A menu with all POIs appears:
 Tick the POIs that you want to appear on the map.

Possible POIs are listed on page 62.

Compass

(Compass)

Select the type of compass you want to appear on the map image:

- Graphic (Graphic)
- Text
- None.

See more information about the compass on page 27.

Show current road name

(Show current road name)

Ticked option shows the name at the bottom of the the screen of the street/road the car is on.

Show speed limits

(Show speed limits)

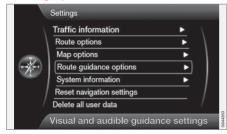
Tick the option to see a traffic sign with current maximum permitted speeds, in the upper right-hand corner of the screen.

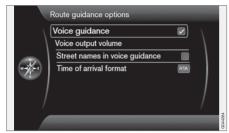
Show information fields

(Show information fields)

Tick the option to see information in the text field at the top and bottom of the screen.

Guiding options





Settings → Guidance options

(Settings → Route guiding options)

Voice guidance (Voice guidance)

If you want voice guidance - tick option Voice guidance (Voice guidance). See more information on page 27.

Voice output volume

(Voice output volume)

The option shows a volume control on the screen that can be used to adjust the Voice guidance volume.

Adjust using the **TUNE** knob + **OK**.
 See more information on page 15.

Street names in voice guidance

(Street names in voice guidance)

Besides the voice guidance information about distance and direction, the function can also pronounce names of streets and roads. To activate the function:

 Tick the box after Street names in voice guidance.

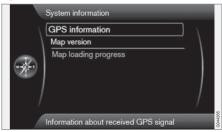
Time of arrival format

(Time of arrival format)

Select the time to appear on the screen:

- ETA (Estimated Time of Arrival) shows the estimated arrival time
- RTA (Remaining Time of Arrival) shows the remaining time until arrival.

System information



Settings → System information

(Settings → System information)

GPS information

(GPS information)



The screen shows:



- Number of received satellites: (Number of received satellites)
- Received position (Received position)
- Map-matched position (Map matched position)
- Altitude: (Altitude)
- The geographic name of the current position.

Map version

(Map version)



The screen shows:

- Software version: (Software version)
- Map version: (Map version)
- Map market: (Map market)

Map loading progress

(Map loading progress)

When updating the map database, the progress of the update is shown here. See more information on page 25.

Reset navigation settings



Settings → Reset navigation settings

(Settings → Reset navigation settings)

This function resets the system to default settings.

The menu option Settings → Reset navigation settings+ OK gives a screen image with the question Reset all navigation settings? (Reset all navigation settings?), Press OK to continue. Press Exit to cancel. (Continue with OK – Cancel with EXIT) - press OK to reset the settings to default settings or change with EXIT.

Erase all user information



Settings → Delete all user data

(Settings → Delete all user data)

The menu option Settings → Delete all user data+ OK gives a screen image with the question Do you want to delete all navigation user data? (Do you want to delete all navigation user data?), Press OK to continue. Press Exit to cancel. (Confirm with OK – Cancel with EXIT) - press OK to delete or change with EXIT.

The following settings are deleted with **OK**:

- all stored locations
- history for Last 5
- previous destinations

03 Planning your trip

Settings

- route learning
- changed default settings.

Pause guidance



Pause guidance

(Pause guidance)

With the cursor on Pause guidance (Pause guidance) + **OK** the guidance can be switched off temporarily after which neither visual nor acoustic guidance is given - at the same time the menu-bar changes to **Resume guidance**. However, the system's car symbol continues to show the car's actual position on the map.

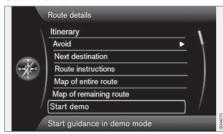
To resume guidance:

Mark Resume guidance + OK.

03

Simulation

Start demo



Route details → Start demo

(Route details → Start demo)

The journey specified in the itinerary is simulated here.

The system shows how the journey to the itinerary's specified destination will be carried out.

To exit the demo run:

• The previous menu option Start demo has switched to Stop demo - Select + OK.



A destination must be specified for the demonstration to work.

General 54
Reading information 56

TRAFFIC INFORMATION





General

Display and reception

Transmitted traffic information is always received and presented - even if no destinations are given.

How traffic information should be presented can be set and changed in Settings, see page 44.

The presentation of traffic information also depends on how it is transmitted.



04

NOTE

Traffic information is not available in all areas/countries.

The transmission range for traffic information is being increased continuously.

Traffic symbols on the map



Symbol for traffic message/problems.

When there is at least one traffic message along the itinerary's path, a TMC symbol (Traffic Message Channel) appears in the map's upper left-hand corner.

The scroll function (see page 28) can be used to scroll through the traffic problem to see its precise position and nature.

Point on map

Traffic problems are marked with arrows, lines and frames:

^	Traffic with disruption
‡ Û	Traffic with disruptions in both directions
	Extent

Marking's colour

Colour of arrows, lines and frames indicates the degree of the disruption:

Black	Closed road
Red	Stationary traffic
Orange	Slow traffic
Yellow	General information

Type of traffic disruption

The following symbols can mark different traffic disruptions on the map:



General



Other hazard



Closed road

the larger the map area shown on the screen, the more information can be displayed.

Select the size of the area that is to be monitored by turning the TUNE knob to the desired scale in the map view mode.

Extent



Certain traffic messages also contain information on the extent of the traffic obstruction.

On all scales up to 5 km - except the traffic message symbol, a line the same colour as the direction arrow is shown along the affected route. The length of the line is corresponds to the extent (distance) of the traffic problem.

Size of area for traffic information

The scale of the map determines how great a quantity of traffic information can be shown -

04

Reading information

Message



Examples of, with arrows, selected traffic problems and their extent.



When the crosshairs are placed over a traffic problem (indicated by an arrow along the road) you'll see a flashing

frame with a traffic disruption symbol (e.g. slippery road) on the map.

To take advantage of the symbol's traffic information:

 Press OK and select Traffic information + OK.

Traffic information



Main menu.

Traffic information

(Traffic information)

Read traffic message

(Read traffic information)



With the cursor on **Read traffic message** (Read traffic message) + **OK** the following view is shown:



- Scroll the crosshair to the traffic incident (coloured line/arrow parallel to the affected road section) about which information is required - a road sign with frame starts to flash out on the map.
- Press **OK** Following which, information like this is shown:





Reading information

Detailed information on the traffic problem is linked to the symbol, and to the extent that information is available the following is also displayed:

- duration
- restrictions on speed, vehicle width and height
- roads affected.

If there are several traffic problems in the crosshair frame, then the problem closest to the centre of the crosshair is shown first after a pressing **OK** once.

The upper section of the display screen can show e.g. "2/5" which means that the current information is number 2 of a total of 5 messages in the crosshair - the remaining messages can be scrolled to using short presses on **OK**.

Return to map display with EXIT.

To avoid traffic problems

Traffic problems ahead (Traffic events ahead)



Menu bar 2 without itinerary added.

Press **OK** on **Traffic events ahead** (Traffic events ahead) to list the current traffic problems.

Traffic problems along the route (Traffic events along route)



Menu bar 2 with itinerary added.

This is the same menu bar as in the previous section, but **with** an activated itinerary - the

menu bar now instead reads **Traffic events** along route (Traffic events along route). Here the system can be made to guide past the traffic disruption using a different route.

Press **OK** on the selected menu bar to list the traffic problems along the route:



List with 1 disruption on the itinerary's route.

The driver can avoid traffic problems by allowing the system to determine a different route. Proceed as follows:

- Select/highlight the traffic obstacle to be avoided + OK - the option is ticked.
- If several obstacles need to be avoided tick these too. A maximum of 15 can be selected.
- Then select Calculate new route (Calculate new route) + OK.

The system then calculates a route that leads past the ticked traffic disruptions.

To obtain detailed information about a listed traffic problem:

Select/highlight an option + # INFO - information about the option is shown.

Avoided traffic problems (Avoided traffic events)



Ticked options from the previous section are listed here.



List with 1 editable option.

The following can be performed:

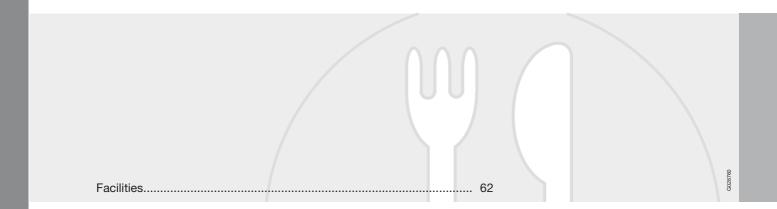
- Clear all (Clear all) unticks all options.
- Select/highlight one of the options + OK the option is unticked.
- Select/highlight one of the options + # INFO - detailed information with map image is shown on the display screen:



Detailed information - return to the menu using EXIT.

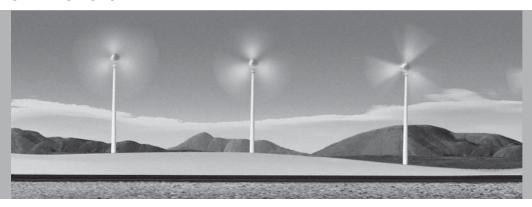
Return to map display with **EXIT** or select Calculate new route (Calculate new route) + OK - the itinerary is adjusted with regard to the changes made.

04





SYMBOLS ON THE MAP





05 Symbols on the map

Facilities

Specify which POIs are to be shown on the map or select **All** or**None** are to be shown - see page 47.



Ticked POIs are shown on the map.

Settings → Map options → POI on map
→ Selected

(Settings → Map options → POI on map → Selected)

Proceed as follows:

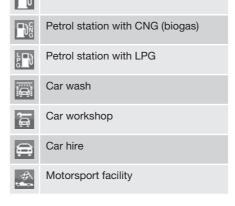
 Select/mark POI with the TUNEknob, tick/ untick using OK.

i NOTE

- The symbol for a POI and the number of POIs can vary between different countries.
- New symbols may appear and others disappear in conjunction with updating the map data - one can scroll through all the POI symbols for the relevant map system under Settings in the menu system.

Examples of symbols for different POIs that can be shown on the map are given here:

Petrol station



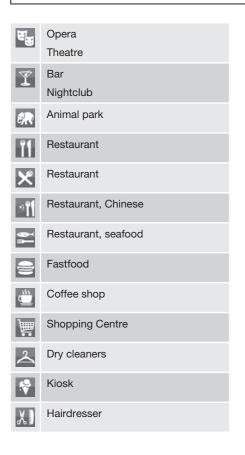


05

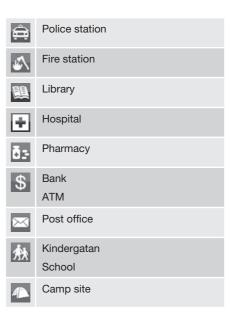
05 Symbols on the map

05

Facilities



	Rest area
 	Hotel
Pre	Conference facility
	Exhibition grounds
욮	Train station
,	Commuter railway station
}	Airport
	Bus station
#	Ferry
lack	Marina
<u></u>	Marina
命	Civic building
	Authority
2	University
	University
(City centre
	City centre







QUESTIONS AND ANSWERS







Frequently asked questions

The position of the car on the map is wrong

The Navigation system shows the position of the car to an accuracy of about 20 metres.

There is a greater chance of error when driving on roads lying parallel to another road, on winding roads, on roads on several levels and after driving a long distance without making any distinctive turns.

High mountains, buildings, tunnels, viaducts, over/underpasses etc. also have a negative affect on the reception of GPS signals, which means that accuracy in calculating the position of the car may decrease.

The system does not always calculate the fastest/shortest route

When calculating a route outline, distance, width of road, type of road, number of right or left turns, roundabouts etc. are all taken into account in order to produce the best theoretical route. A more efficient selection of route may be possible based on experience and knowledge of the area.

The system uses toll roads, motorways and ferries even though I chose to avoid them

For technical reasons, the system can only use major roads when calculating a route outline extending over a long distance.

If you selected to avoid toll roads and motorways, then they are avoided to the greatest possible extent and are only used if there is no other reasonable alternative available.

The position of the car on the map is incorrect after transportation

If the car is transported, for example by ferry or train, or in such a way as to impede the reception of GPS signals, it can take up to 5 minutes before the position of the car is correctly calculated.

The position of the car on the map is incorrect after the car battery has been disconnected

If power has been cut from the GPS antenna, it can take more than 5 minutes for the GPS signals to be received correctly and the position of the car to be calculated.

The car symbol on screen behaves erratically after a tyre change

In addition to the GPS receiver, the car's speed sensor and a gyro assist in calculating the current position and direction of travel of the car. After fitting the spare wheel or changing between summer and winter tyres the system needs to "learn" the size of the new wheels.

In order for the system to work optimally it is recommended to turn the steering wheel to full

lock a few times while driving, in a suitable location.

The map image does not correspond with the real situation

Factors such as the constant expansion and rebuilding of the road network, new traffic regulations constantly being introduced etc. mean that the map database is not always complete.

Continuous development and updating of map data is underway - a Volvo dealer can provide more information.

See also www.volvocars.com/navi for further information on maps etc.

The scale of the map sometimes changes

There is no detailed map information in certain areas. The system then automatically changes the degree of magnification.

The expected menu option is missing

Check the settings that have been made. Select **Reset navigation settings** to restore the original settings.

If this does not help, select Delete all user data.

Frequently asked questions

The car symbol on screen jumps forwards or spins

The system may need a few seconds to sense the position and movement of the car before driving off.

Switch off both the system and the engine. Start again, but remain stationary for a while before starting to drive.

I shall go on a long trip but do not want specify a particular route outline to the cities I plan to travel through - How do I most simply create an itinerary?

Specify the destination directly on the map using the hairline cross. The system automatically guides you to the final destination even though you are driving beside the intermediate destinations.

My map information is not up-to-date

Contact your nearest Volvo Dealer regarding the updating of map data.

See also www.volvocars.com/navi

How can I easily check which map version is used?

See Settings → System information → Map version: for information on version and geographic area covered.

06

06



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06

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Denso

Hereby, DENSO CORPORATION declares that this DN-NS-020 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/FC.

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Volvo. for life

