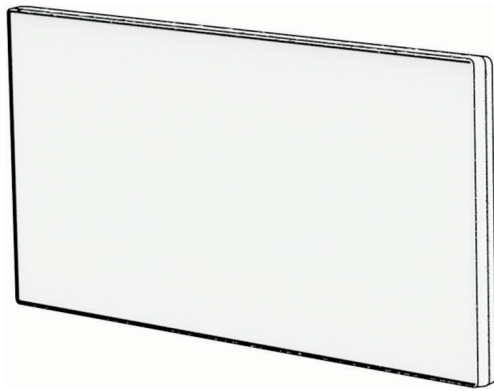


GARMIN®

GARMIN DRIVE™

GPS Navigator



**Owner's
Manual**

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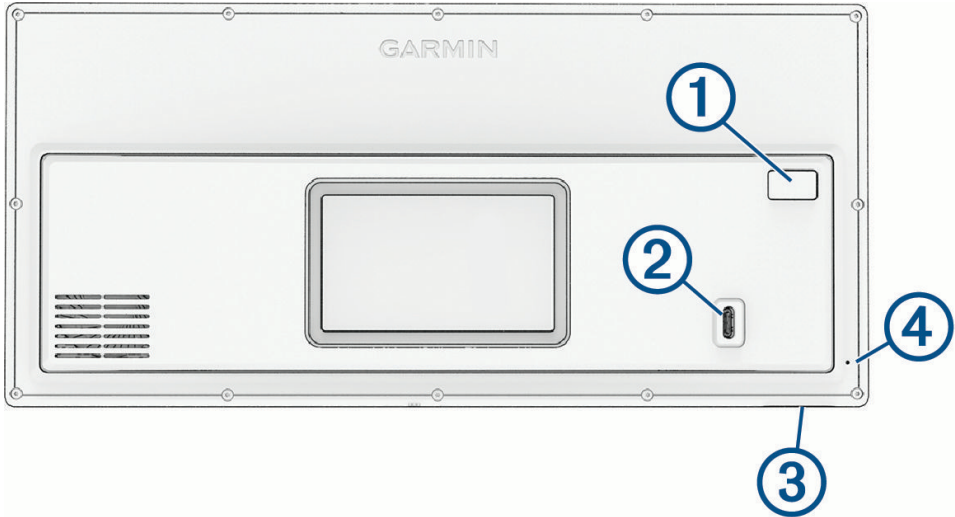
Getting Started

 WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

- Update the maps and software on your device ([Map and Software Updates](#), page 46).
- Mount the device in your vehicle and connect it to power ([Mounting Considerations](#), page 5).
- Acquire GPS signals ([Acquiring GPS Signals](#), page 8).
- Adjust the volume ([Adjusting the Volume](#), page 9) and display brightness ([Adjusting the Screen Brightness](#), page 9).
- Navigate to your destination ([Starting a Route](#), page 19).

Device Overview



①	Power button
②	USB-C® power and data port
③	Map and data memory card slot
④	Microphone for voice commands or hands-free calling

Mounting Considerations

- Do not mount the device in a location that obscures the driver's view of the road.

 WARNING

It is your responsibility to ensure the mounting location complies with all applicable laws and ordinances, and does not block your view of the road during the safe operation of your vehicle.

- Choose a location that allows you to route the power cable safely.

 WARNING

When installing the device in a vehicle, install the device and power cable securely so they do not interfere with the vehicle operating controls. Interference with the vehicle operating controls can result in a collision, which could result in injury or death.

- Choose a location that allows the device to clearly hear your voice.
You should avoid placing the device near a speaker or air vent, which can produce noise that interferes with the microphones.
- Choose a location that is within easy reach.
- Thoroughly clean the windshield before installing the mount.

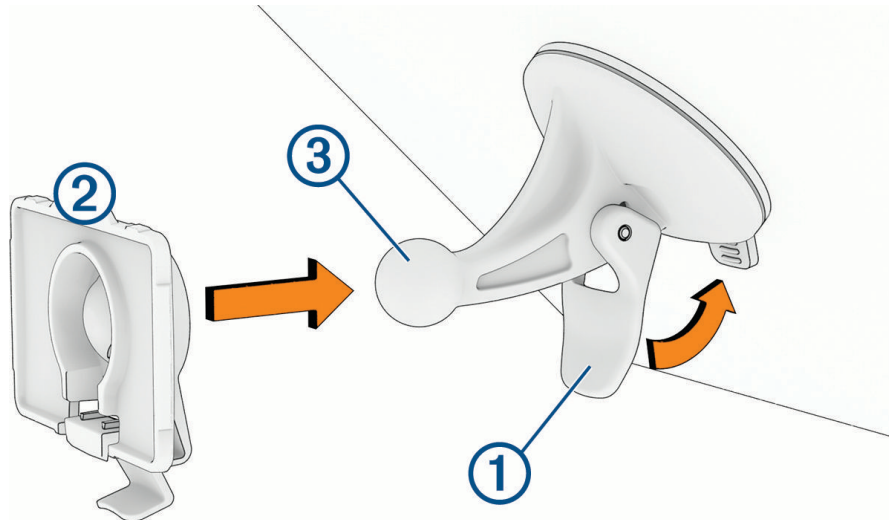
Mounting and Powering the Garmin Drive™ Device in Your Vehicle

WARNING

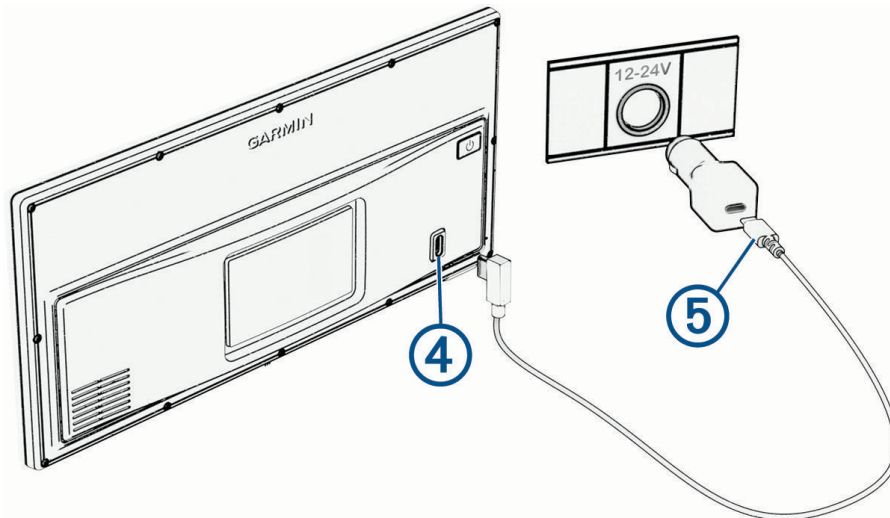
This product contains a lithium-ion battery. To prevent the possibility of personal injury, product damage, or other property damage caused by battery exposure to extreme heat, store the device out of direct sunlight.

Before you use your device on battery power, you should charge it.

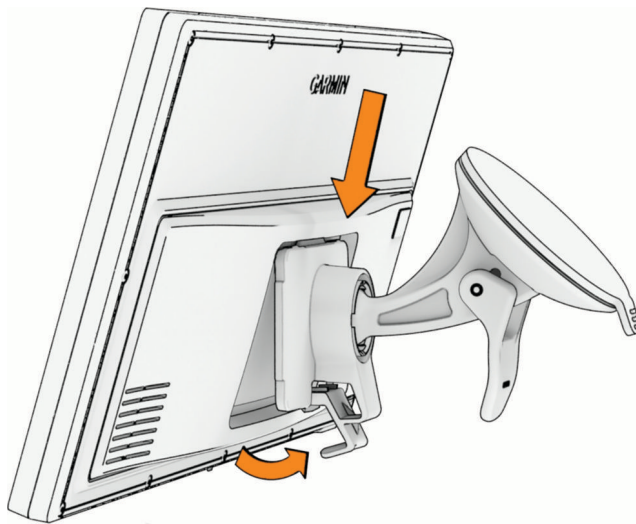
- 1 Press the suction cup to the windshield, and flip the lever ① back toward the windshield.



- 2 Press the mount ② onto the suction cup ball ③ until it snaps into place.
- 3 Plug the vehicle power cable into the USB port ④ on the device.



- 4 Plug the other end of the vehicle power cable ⑤ into a power outlet in your vehicle.
- 5 Fit the tab on the top of the mount into the slot on the back of the device, and press the bottom of the mount into the device until it clicks.



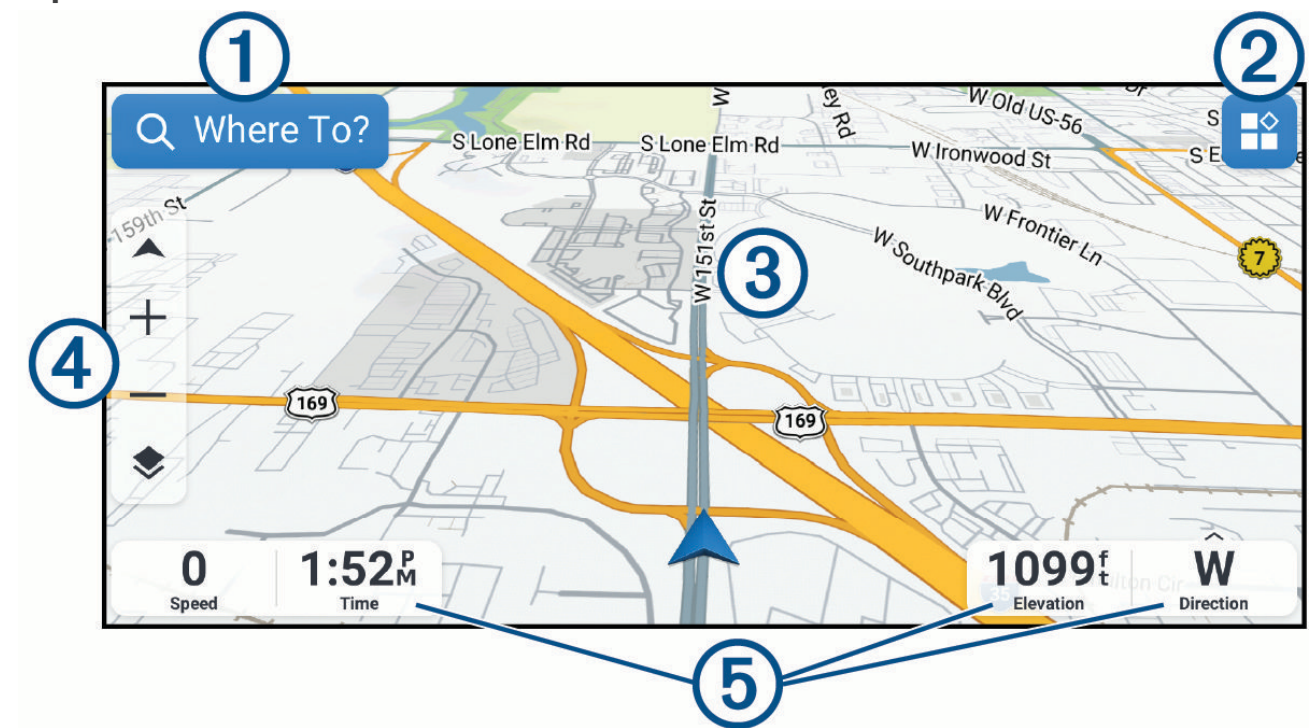
Turning the Device On or Off

- To turn the device on, press the power button ①, or connect the device to power.



- To put the device in power saving mode, press the power button while the device is on. While in power saving mode, the screen is off and the device uses very little power, but it can wake instantly for use.
TIP: You can charge your device faster by putting it in power saving mode while charging the battery.
- To turn off the device completely, hold the power button until a prompt appears on the screen, and select **Off**.
The prompt appears after five seconds. If you release the power button before the prompt appears, the device enters power saving mode.

Map Screen Overview



1	Where To?	Select to start a route or search for points of interest.
2		Select to open the main menu where you can access various device utilities, view the device status, and change device settings.
3	Map	Select the map to scroll it and view additional map options.
4	Map view controls	- To change the map perspective, select . - To zoom in or out, select or . - To enable or disable map layers, select .
5	Data fields	Select a data field to change the information displayed in that field.

Status Bar Icons

You can select to view the status bar at the top of the menu. The status bar icons display information about features on the device. You can select some icons to change settings or view additional information.

	Battery charge level.
	GPS signal status. Hold to view GPS accuracy and acquired satellite information (Viewing GPS Signal Status, page 50).
	Wi-Fi® signal strength. Select to change the Wi-Fi settings (Wi-Fi® Settings, page 38).
	Bluetooth® technology status. Select to view the Bluetooth settings (Phone Settings, page 38).
	Garmin Drive™ app connection status (Pairing with Your Smartphone, page 9).

Acquiring GPS Signals

When you turn on your navigation device, the GPS receiver must collect satellite data and establish the current location. The time required to acquire satellite signals varies based on several factors, including how far you are from the location where you last used your navigation device, whether you have a clear view of the sky, and how long it has been since you last used your navigation device. The first time you turn on your navigation device, it may take several minutes to acquire satellite signals.

- 1 Turn on the device.
- 2 Wait while the device locates satellites.
- 3 If necessary, go to an open area, away from tall buildings and trees.

 in the status bar indicates the satellite signal strength. When at least half the bars are filled, the device is ready for navigation.

Adjusting the Volume

- 1 Select  > .
- 2 Select an option:
 - Use the slider bar to adjust the volume.
 - Select  or  to mute or unmute the device volume.
 - If you have paired a phone with your device, touch the volume buttons under the phone name to increase or decrease the phone's volume.
 - Select **Mixer** to individually control volume for sounds such as navigation instructions and proximity alerts.
 - Select a check box to enable or disable additional sound options.

Using the Audio Mixer

You can use the audio mixer to set the relative volume levels for different audio sources, such as navigation prompts, voice-activated feature responses, or alerts. The level for each audio type is a percentage of the master volume.

- 1 Select  >  > **Mixer**.
- 2 Use the slider bars to adjust the relative volume for each audio source.

For example, when a slider bar is set to the far right position, that audio source plays at the master volume level. When a slider bar is set to the center position, it plays at half the master volume level.

Enabling or Disabling Sounds and Audio Sources

You can turn specific audio sources and system sounds on or off without affecting other audio sources.

- 1 Select  > .
- 2 Under **Sounds**, select an option:
 - To enable the device to speak navigation prompts and directions, select the **Spoken Navigation** check box.
 - To enable the device to speak traffic alerts and prompts, select the **Spoken Traffic Alerts** check box.
 - To enable the device to play a tone when a driver awareness alert is triggered, select the **Alerts and Tones** check box.
 - To enable the device to play a sound when you touch on-screen buttons, select the **Button Presses** check box.

Adjusting the Screen Brightness

- 1 Select  >  > **Display**.
- 2 Use the slider bar to adjust the brightness.

Changing the Keyboard

Before you can change the keyboard language or layout, you must enable a keyboard language or layout in the system settings ([System Settings, page 40](#)).

- From the keyboard, select  to switch to a different keyboard language or layout.

Pairing with Your Smartphone

You can pair your Garmin Drive™ navigator with your smartphone and the Garmin Drive app to enable additional features and access live information ([Live Services, Traffic, and Smartphone Features, page 28](#)).

- 1 From the app store on your smartphone, install the Garmin Drive app.
- 2 Turn on your Garmin Drive navigator, and place the navigator and your smartphone within 3 m (10 ft.) of each other.
- 3 On your phone, open the Garmin Drive app.
- 4 Follow the on-screen instructions to sign in to a Garmin® account and complete the pairing and setup process.

The main app dashboard appears. After the devices are paired, you can enable or disable smartphone features on your navigator ([Phone Settings, page 38](#)). The devices connect automatically when they are turned on and within range.

Voice-Activated Features

The Garmin Drive™ device uses natural language processing to understand the intent of your spoken requests. You can ask questions or speak commands in natural language, using complete sentences. Many example phrases are provided in the manual, but you can experiment with speaking to the device using the language most comfortable to you.

Garmin® voice-activated navigation allows you to search for locations and addresses, start routes with turn-by-turn directions, place hands-free phone calls, and more. You can launch Garmin voice-activated navigation by saying *OK, Garmin* followed by a request.

NOTE: This feature is not available for all product models or languages.

Voice Command Tips

- Speak in a normal voice directed at the device.
- Reduce background noise, such as voices, or the radio, to increase the accuracy of the voice recognition.
- Respond to prompts from the device as needed.

Launching Garmin® Voice-Activated Navigation

Garmin voice-activated navigation allows you to use plain language spoken requests to search for locations and addresses, start routes with turn-by-turn directions, place hands-free phone calls, and more.

- Say *OK, Garmin*, and make a spoken request.

For example, you can say phrases like these:

- *OK, Garmin, take me home.*
- *OK, Garmin, where's the library?*

Starting a Route

Going to a Saved Location Using Your Voice

It is useful to start a route on your Garmin Drive™ device each time you travel to a saved location, even though you may already know how to get there. Your device can help you avoid reported traffic delays and construction that may affect your route.

You can say phrases like these to start a route to your saved locations ([Saving Locations, page 18](#)).

- *OK, Garmin, take me home.*
- *OK, Garmin, take me to work.*
- *OK, Garmin, start a route to school.*

Going to an Address Using Your Voice

You can say phrases like these to start a route to a nearby address, or to an address in a specific city.

- *OK, Garmin, take me to One Garmin Way.*
- *OK, Garmin, start a route to twelve hundred East 151st Street in Olathe, Kansas.*

Going to a Business or Named Location Using Your Voice

You can say phrases like these to find and navigate to a business or location by name or category.

Nearby locations:

- *OK, Garmin, find a coffee shop.*
- *OK, Garmin, where's the library?*
- *OK, Garmin, take me to Starbucks.*

Locations near a different city:

- *OK, Garmin, find Mexican food near Denver, Colorado.*
- *OK, Garmin, find The Field Museum near Chicago, Illinois.*
- *OK, Garmin, find Casa Bonita near Denver, Colorado.*

Locations near an intersection:

- *OK, Garmin, find barbecue near 12th Street and Vine Street.*
- *OK, Garmin, find Arthur Bryant's Barbecue near 12th Street and Vine Street.*

Going to a City or Intersection Using Your Voice

You can say phrases like these to find and navigate to a city or intersection.

- *OK, Garmin, find Chandler, Arizona.*
- *OK, Garmin, find Michigan Avenue and Erie Street.*

Checking Your Arrival Time

While a route is active, you can say a phrase to check your estimated time of arrival at your destination.

Say *OK, Garmin, what time will we arrive?*

Stopping a Route Using Your Voice

You can say phrases like these to stop navigating a route.

- *OK, Garmin, stop the route.*
- *OK, Garmin, stop navigating.*

Placing a Phone Call Using Your Voice

You can use a voice command to call a contact from the phone book of your paired smartphone.

Say *OK, Garmin, call*, and say the contact name.

For example, you can say *OK, Garmin, call Mom*.

Changing Device Settings Using Your Voice

You can say phrases like these to set device settings to a value from 0 to 10.

- *OK, Garmin, increase the volume.*
- *OK, Garmin, set the volume to 0.*
- *OK, Garmin, set the volume to 9.*
- *OK, Garmin, decrease the brightness.*
- *OK, Garmin, set the brightness to 5.*

Driver Awareness Features and Alerts

⚠ CAUTION

The driver alerts and speed limit features are for information only and do not replace your responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin® is not responsible for any traffic fines or citations you receive for failing to follow all applicable traffic laws and signs.

Your device provides features that can help encourage safer driving and increase efficiency, even when you are driving in a familiar area. The device plays an audible tone or message and displays information for each alert. You can enable or disable the audible tone for some types of driver alerts. Not all alerts are available in all areas.

Schools: The device plays a tone and displays the speed limit (if available) for an upcoming school or school zone.

Speed limit exceeded: The device displays a red border on the speed limit icon when you exceed the posted speed limit for the current road.

Speed limit reduced: The device plays a tone and displays the upcoming speed limit so you can be prepared to adjust your speed.

Wrong way on a one-way street: The device plays a message and displays a full-screen warning if you travel the wrong way on a one-way street. The edges of the screen appear red and an alert remains at the top of the screen until you leave the one-way street or correct your direction of travel.

Railroad crossing: The device displays the distance to an upcoming railroad crossing.

Animal crossing: The device plays a tone to indicate an upcoming animal crossing area.

Country Border Alerts: The device alerts you when crossing international borders.

Curves: The device plays a tone to indicate a bend in the road.

Slower traffic: The device plays a tone to indicate slower traffic when you approach slower traffic at a higher speed. Your device must be receiving traffic information to use this feature ([Traffic](#), page 30).

Construction zone: The device plays a tone and displays a message when you approach a construction zone.

Lane closure: The device plays a tone and displays a message when you approach a lane closure.

Break planning: The device plays a tone and suggests upcoming rest stops after you have been driving for a long time.

Proximity Alerts: The device alerts you when you approach custom points of interest or red light cameras.

Enabling or Disabling Driver Alerts

You can enable or disable several types of driver alerts.

- 1 Select  >  > **Driver Assistance** > **Driver Alerts**.
- 2 Select or clear the check box next to each alert.
- 3 Select **OK**.

Red Light and Speed Cameras

NOTICE

Garmin® is not responsible for the accuracy of or the consequences of using a red light or speed camera database.

NOTE: This feature is not available for all regions or product models.

Information about red light and speed camera locations is available in some areas and for some product models with a paid subscription. The device alerts you when you approach a reported speed or red light camera. In some areas, your device can receive red light and speed camera data while connected to a smartphone running the Garmin Drive™ app.

Finding and Saving Locations

The maps loaded in your device contain locations, such as restaurants, hotels, auto services, and detailed street information. The Where To? menu helps you find your destination by providing several methods to browse, search, and save this information.

From the main menu, select **Where To?**.

- To quickly search all locations on your device, select **Q Where To?** (*Finding a Location Using the Search Bar, page 13*).
- To navigate to your home location, select **Home** (*Going Home or Going to Work, page 19*).
- To find an address, select **Address** (*Finding an Address, page 13*).
- To browse or search pre-loaded points of interest by category, select **Where To?**, and select a category (*Finding a Location by Category, page 15*).
- To search near a different city or area, select the current search area, and select a new search area (*Changing the Search Area, page 14*).
- To view and edit your saved locations, select **Saved** (*Saving Locations, page 18*).
- To view locations you have recently selected from the search results, select **Recents** (*Viewing Recently Found Locations, page 17*).
- To browse and search Tripadvisor® traveler ratings, select **Tripadvisor** (*Tripadvisor®, page 16*).
- To find national parks and explore park maps, select **National Parks** (*Finding National Parks, page 15*).
- To navigate to a specific street intersection, select **Intersections** (*Finding an Intersection, page 17*).
- To navigate to specific geographic coordinates, select **Coordinates** (*Finding a Location Using Coordinates, page 17*).

Finding a Location Using the Search Bar

You can use the search bar to search for locations by entering a category, brand name, address, or city name.

- 1 Select **Where To?**.
- 2 Select **Where To?** in the search bar.
- 3 Enter all or part of the search term.
Suggested search terms appear below the search bar.
- 4 Select an option:
 - To search for a type of business, enter a category name (for example, "movie theaters").
 - To search for a business name, enter all or part of the name.
 - To search for an address near you, enter the house number and street name.
 - To search for an address in another city, enter the house number, street name, city, and state.
 - To search for a city, enter the city and state.
 - To search for coordinates, enter latitude and longitude coordinates.
- 5 Select an option:
 - To search using a suggested search term, select the term.
 - To search using the text you entered, select **Q**.
- 6 If necessary, select a location.

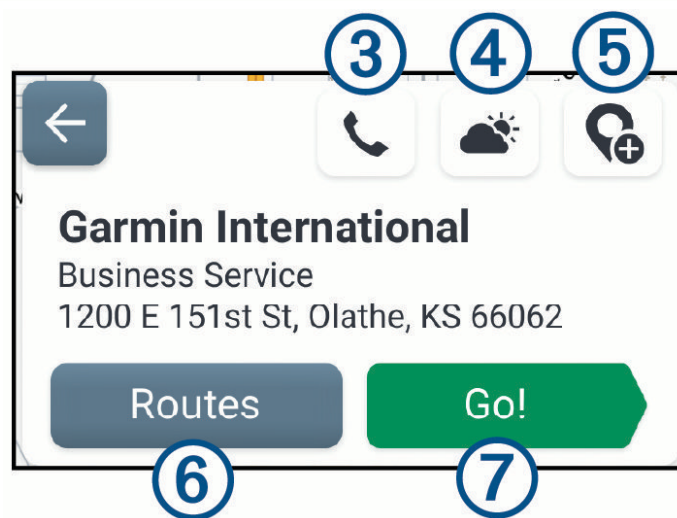
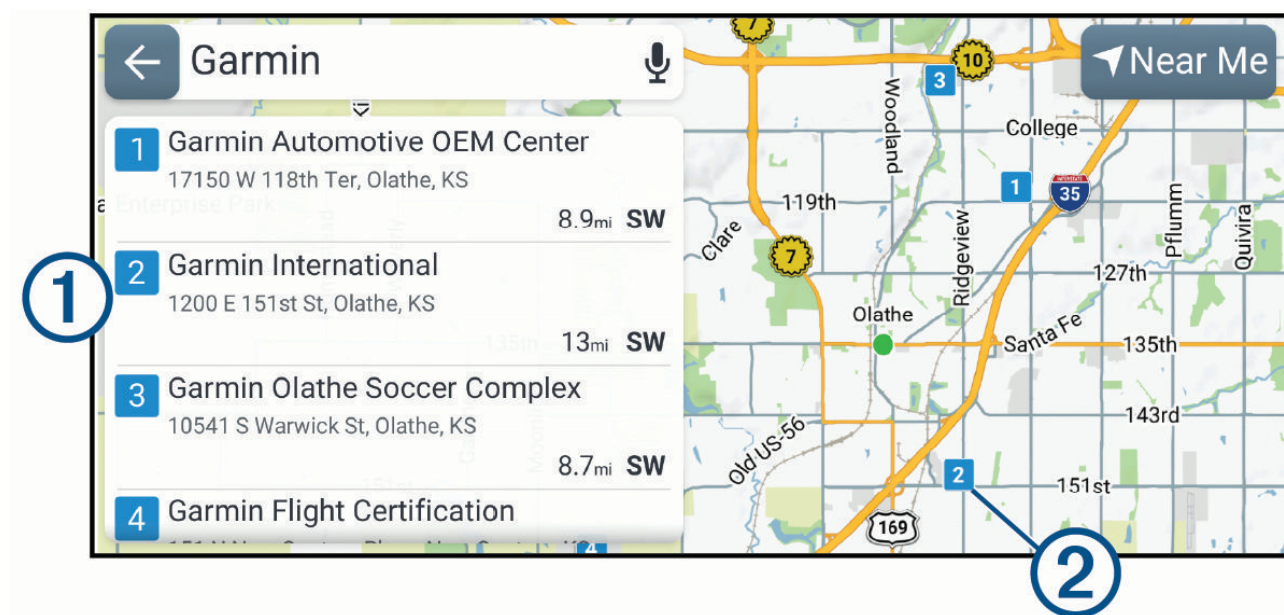
Finding an Address

NOTE: The order of the steps may change depending on the map data loaded on your device.

- 1 Select **Where To?**.
- 2 If necessary, select the current search area to search near a different city or area.
- 3 Select **Address**.
- 4 Follow the on-screen instructions to enter address information.
- 5 Select the address.

Location Search Results

The location search results appear in a list, with the nearest location at the top. Each numbered location ① also appears on the map ②. You can scroll down to view more results or select a location to view detailed information about that location.

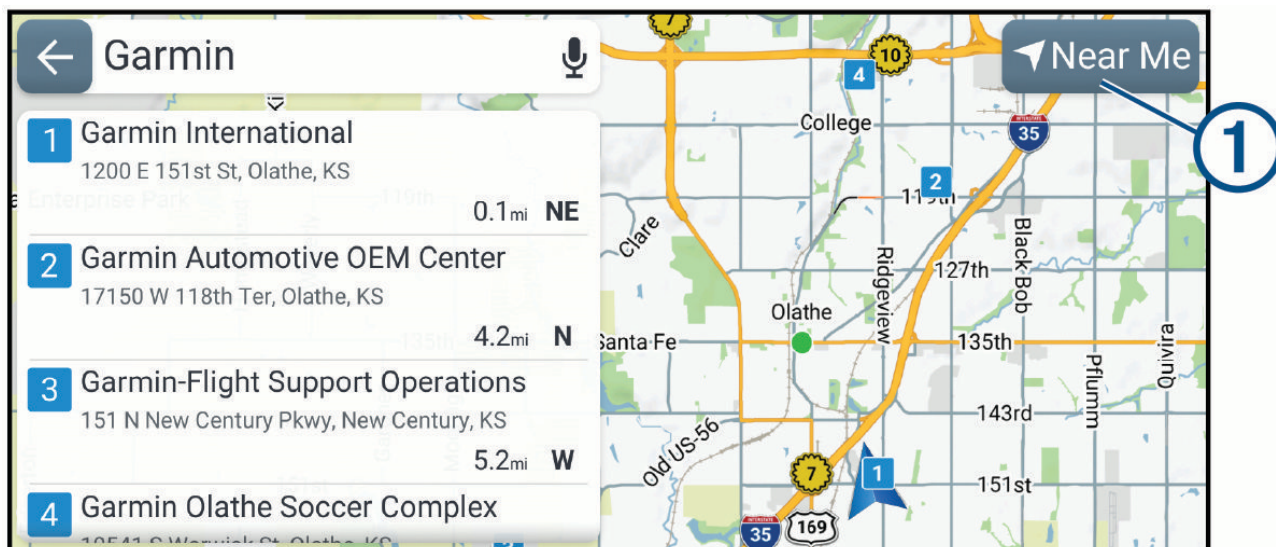


③	Select to call the location using your paired phone.
④	Select to view weather information at the selected location.
⑤	Select to save the selected location.
⑥ Routes	Select to view possible routes to the location.
⑦ Go!	Select to start navigating to the location using the default route calculation mode for the current vehicle profile.

Changing the Search Area

By default, the device searches for locations near your current location. You can also search other areas, such as near your destination, near another city, or along your active route.

- 1 Select **Where To?**.
- 2 Select the current search area ①.



3 Select a search area.

4 If necessary, follow the on-screen instructions to select a specific location.

The selected search area appears at the top of the screen. When you search for a location using any of the options in the Where To? menu, the device suggests locations near this area first.

Points of Interest

NOTICE

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with points of interest.

A point of interest is a place that you may find useful or interesting. Points of interest are organized by category and can include popular travel destinations such as gas stations, restaurants, hotels, and entertainment venues.

Finding a Location by Category

- 1 Select **Where To?**.
- 2 Select a category.
- 3 If necessary, select a subcategory.
- 4 Select a location.

Searching Within a Category

- 1 Select **Where To?**.
- 2 Select a category.
- 3 If necessary, select a subcategory.
- 4 Select the search bar, and enter all or part of the search term.

Finding National Parks

Device models that include maps for North America or the United States also include detailed information for national parks in the United States. You can navigate to a national park or to a location within a national park.

NOTICE

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with national parks.

- 1 Select **Where To? > National Parks**.
A list of national parks appears, with the nearest park at the top.
- 2 Select the search bar, and enter all or part of the park name to narrow the results (optional).
- 3 Select a national park.
A list of categories for locations of features and amenities within the park appears below the park name.
- 4 Select an option:
 - To start navigating to the park, select **Go!**.

- To quickly find a location within the park, select a category from the list below the park name, and select a location.

Exploring National Park Features and Amenities

On North American product models, you can explore detailed information about the features and amenities available inside a national park, and navigate to specific locations in the park. For example, you can find campgrounds, landmarks, visitor centers, and popular attractions.

- 1 From the location search results, select a national park.
A list of categories for park features and amenities appears.
- 2 Select a category.
- 3 Select a location, and select **Go!**.

Finding Fuel Stations and Prices

NOTICE

Garmin® is not responsible for the timeliness or accuracy of this feature.

Before you can find available fuel prices, your device must be connected to a supported phone running the Garmin Drive™ app ([Pairing with Your Smartphone, page 9](#)).

You can find nearby fuel stations and compare fuel prices.

- 1 Select **Where To? > Gas Stations**.
- 2 If necessary, select , select a fuel type, and select **Search**.
Fuel prices appear under each station in the search results, if available.
- 3 Select a fuel station.

Finding EV Charging Stations

NOTICE

Garmin® is not responsible for the timeliness or accuracy of this feature.

Before you can find available EV charging stations, your device must be connected to a supported phone running the Garmin Drive™ app ([Pairing with Your Smartphone, page 9](#)).

You can find nearby available EV charging stations.

- 1 Select **Where To? > EV Charging**.
- 2 If necessary, select , adjust the connector type or charge level, and select **Search**.
The number of charge spots appears under each station in the search results, if available.
- 3 Select an EV charging station.

Tripadvisor®

NOTICE

Garmin® is not responsible for the accuracy or timeliness of the Tripadvisor information.

You are responsible for understanding and complying with any applicable rules, laws, or regulations associated with points of interest.

Your device includes Tripadvisor traveler ratings. Tripadvisor ratings appear automatically in the search results list for restaurants, hotels, and attractions. You can also search for nearby Tripadvisor points of interest and sort by distance or popularity.

Finding Tripadvisor® Points of Interest

- 1 Select **Where To? > Tripadvisor**.
- 2 Select a category.
- 3 If necessary, select a subcategory.
A list of nearby Tripadvisor points of interest for the category appears.
- 4 Select  to filter the displayed points of interest by distance or popularity (optional).
- 5 Select the search bar, and enter a search term (optional).

Navigating to Points of Interest Within a Venue

NOTE: This feature is not available for all locations.

You can create a route to a point within a larger venue, such as a specific store in a shopping mall, a terminal at an airport, or nearby parking areas.

- 1 Select **Where To? > Where To?**.
- 2 Enter the name of the venue, and select **Q**.
- 3 Select the venue.

A list of categories for points of interest within the venue appears.

- 4 Select a category, select a location, and select **Go!**.

The device creates a route to the parking area or venue entrance closest to the selected point.

Finding Parking Near Your Current Location

NOTICE

This feature is for informational purposes only. You are responsible for ensuring that you are parking in accordance with posted signage and any applicable laws, regulations, or rules that may apply to your desired parking location.

- 1 Select **Where To? > Parking**.
- 2 Select a parking location.
- 3 Select **Go!**.

Finding Medical Care Locations

- 1 From the map, select **Where To? > Medical Care**.
- 2 Select a medical care subcategory.
A list of locations for the selected subcategory appears, with the nearest locations at the top.
- 3 Select a location.

Search Tools

Search tools allow you to search for specific types of locations by responding to on-screen prompts.

Finding an Intersection

You can search for an intersection or junction between two streets, highways, or other roads.

- 1 Select **Where To? > Intersections**.
- 2 Follow the on-screen instructions to enter street information.
- 3 Select the intersection.

Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates.

- 1 Select **Where To? > Coordinates**.
- 2 If necessary, select , and change the coordinate format or datum.
- 3 Select **Coordinates**.
- 4 Enter the latitude and longitude coordinates, and select **Done**.
- 5 Select an option:
 - To save the coordinates as a location, select **Save**.
 - To start a route to the coordinates, select **Go!**.

Viewing Recently Found Locations

Your device stores a history of the last 50 locations you have found.

Select **Where To? > Recents**.

Clearing the List of Recently Found Locations

Select **Where To? > Recents >  > Clear > Yes**.

Adding a Shortcut

You can add shortcuts to the Where To? menu. A shortcut can point to a location, a category, or a search tool. The Where To? menu can contain up to 36 shortcut icons.

- 1 Select **Where To? > Shortcuts**.
- 2 Follow the on-screen prompts to select a favorite search term, category, or saved place.

Removing a Shortcut

- 1 Select **Where To? > Shortcuts > Remove Shortcut(s)**.
- 2 Select a shortcut to remove.
- 3 Select **Remove**.

Saving Locations

Saving a Location

When you save a location to your navigator while it is connected to the Garmin Drive™ app, the location synchronizes with your Garmin® account automatically.

- 1 Search for a location (*Finding and Saving Locations, page 13*).
- 2 Select a location from the list of search results.
- 3 Select .
- 4 If necessary, select **Name** to edit the name of the location.
- 5 Select **Save**.

Saving Your Current Location

- 1 From the map, touch the location of your vehicle.
- 2 Select .
- 3 If necessary, select **Name** to edit the name of the location.
- 4 Select **Save**.

Editing a Saved Location

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category.
- 3 Select a location.
- 4 Select **Edit**.
- 5 Select an option:
 - Select **Name**.
 - Select **Map Symbol** to change the symbol used to mark the saved location on a map.
 - Select **Collections** to change the collection in which your location appears.
 - Select **Coordinates** to change the GPS coordinates of your location.
- 6 Edit the information.
- 7 Select **Done**.

Sorting Saved Locations

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category.
- 3 Select **:**.
- 4 Select an option:
 - To sort locations by name, select **Name**.
 - To sort locations by the distance from your current location, select **Distance**.
 - To sort locations by the order in which they were saved, select **Newest**.

Deleting a Saved Location

Deleted locations cannot be recovered.

- 1 Select **Where To? > Saved**.
- 2 Select a waypoint.
- 3 Select **Edit > Delete > Yes**.

Following a Route

Routes

A route is a path from your current location to one or more destinations.

- The device calculates a recommended route to your destination based on the preferences you set, including the route calculation mode ([Changing the Route Calculation Mode, page 22](#)) and avoidances ([Avoiding Delays, Tolls, and Areas, page 22](#)).
- You can start navigating to your destination quickly using the recommended route, or you can select an alternate route ([Starting a Route, page 19](#)).
- If there are specific roads you need to use or avoid, you can customize the route ([Shaping Your Route, page 22](#)).
- You can add multiple destinations to a route ([Adding a Stop to Your Route, page 21](#)).

Starting a Route

You can start a route by searching for a location.

- 1 Select **Where To?**, and search for a location ([Finding and Saving Locations, page 13](#)).
- 2 Select a location.
- 3 If necessary, select **Routes**, and select an alternate route.
- 4 Select **Go!**.

The device calculates a route to the location and guides you using voice prompts and information on the map ([Your Route on the Map, page 19](#)). A preview of the major roads in your route appears at the edge of the map for several seconds.

If you need to stop at additional destinations, you can add the locations to your route ([Adding a Stop to Your Route, page 21](#)).

Starting a Route to a Point on the Map

You can start a route by selecting a location from the map.

- 1 Drag and zoom the map to display the area.
- 2 Select a point on the map.
- 3 Select **Go!**.

The device calculates a route using the selected routing mode.

Going Home or Going to Work

The first time you start a route home or to work, the device prompts you to enter your home or work location.

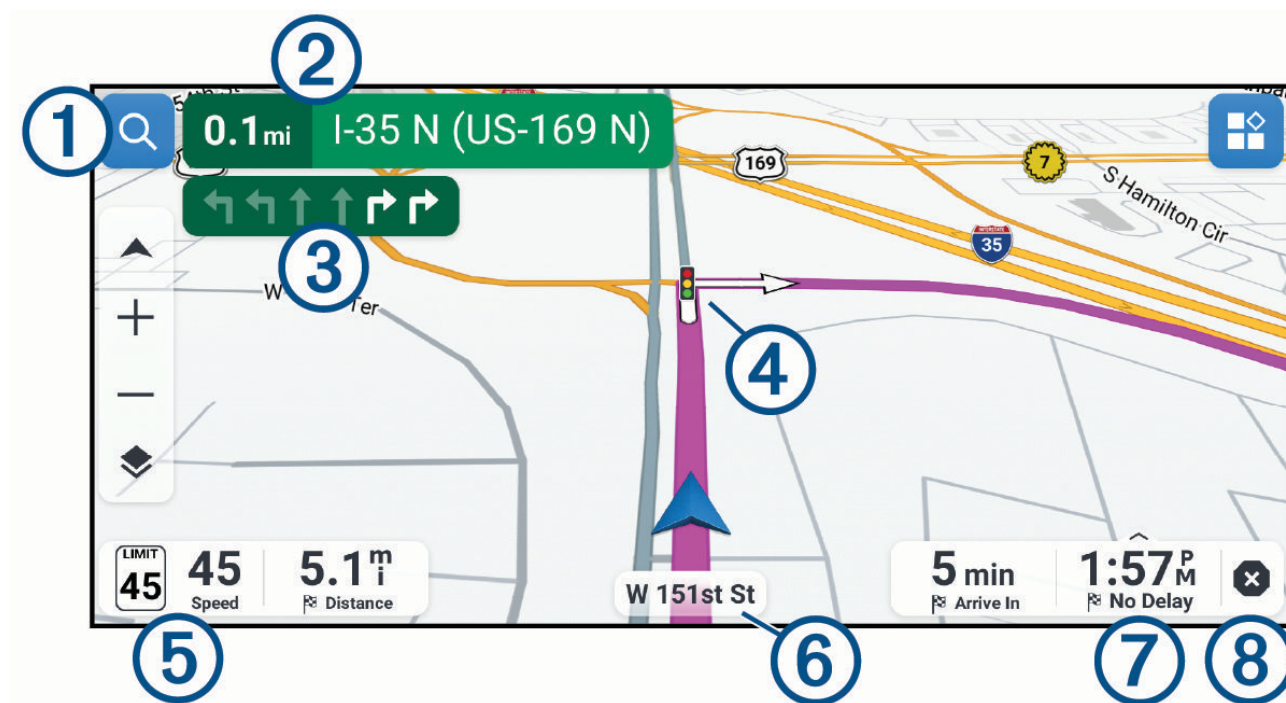
- 1 Select an option:
 - To navigate home, select **Where To? > Home**.
 - To navigate to work, select **Where To? > Work**.
- 2 If necessary, enter your home or work location.

Editing Your Home Location

- 1 Select **Where To?**.
- 2 Select an option:
 - To change your home location, hold **Home**.
 - To change your work location, hold **Work**.
- 3 Enter your new home or work location.

Your Route on the Map

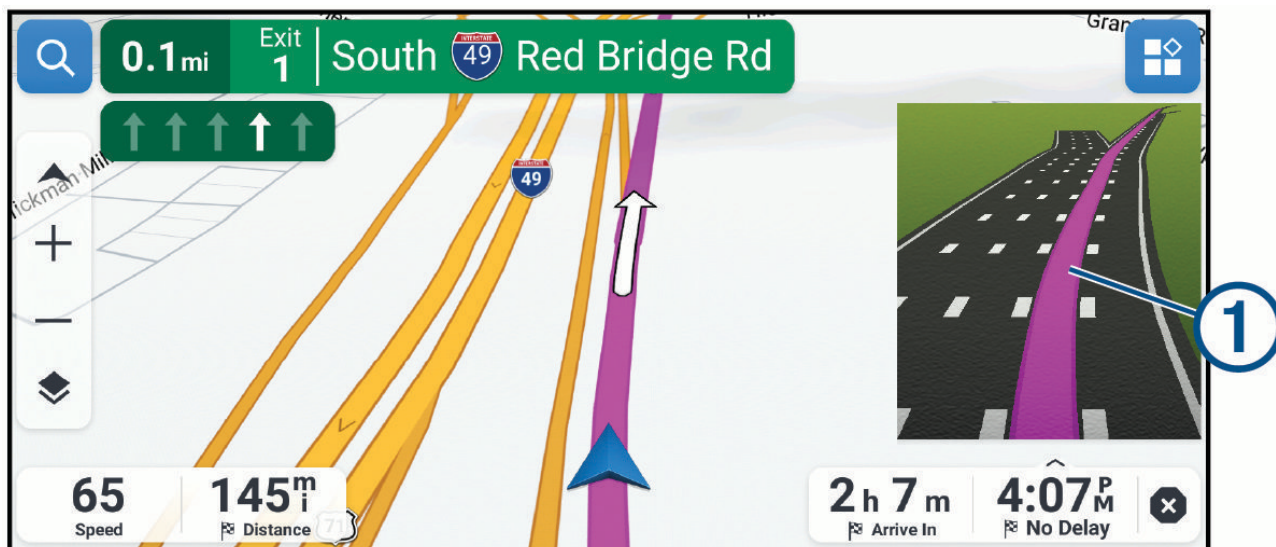
As you travel, the device guides you to your destination using voice prompts and information on the map. Instructions for your next turn or exit, or other actions appear across the top of the map.



①	Search. Select to start a new route or add a stop to your active route.
②	Distance to the next action and the name of the street or exit associated with the next action.
③	Next action in the route. Indicates the next turn, exit, or other action and the lane in which you should travel, if available.
④	Route highlighted on the map with an arrow indicating the next action in the route. Icons appear along your route to indicate traffic light and stop sign locations.
⑤	Vehicle speed and speed limit.
⑥	Name of the road on which you are traveling.
⑦	Select to see an overview of your current route.
⑧	Stops your current route.

Active Lane Guidance

As you approach some turns, exits, or interchanges in your route, a detailed simulation of the road appears beside the map, if available. A colored line ① indicates the proper lane for the turn.



Viewing Turns and Directions

While navigating a route, you can view upcoming turns, lane changes, or other directions for your route.

- 1 From the map, select the next action text bar at the top of the map.
- 2 Select a turn or direction (optional).
Detailed information appears. An image of the junction may appear for junctions on major roadways, if available.

Viewing the Entire Route on the Map

- 1 While navigating a route, select anywhere on the map.
- 2 Select > .

Arriving at Your Destination

When you approach your destination, the device provides information to help you complete your route.

- indicates the location of your destination on the map, and a voice prompt announces you are approaching your destination.
- When you stop at your destination, the device automatically ends the route. If the device does not detect your arrival automatically, you can select to end your route.

Parking Near Your Destination

NOTICE

This feature is for informational purposes only. You are responsible for ensuring that you are parking in accordance with posted signage and any applicable laws, regulations, or rules that may apply to your desired parking location.

Your device can help you find a parking spot near your destination. When you approach some destinations, the device automatically suggests parking areas.

- 1 Select an option:
 - When the device suggests parking, select **More** to see all of the suggested parking areas. When you select a suggested parking area, the device automatically updates your route.
 - If the device does not suggest parking locations, select **Where To? > Parking**, and select **Near Destination** for the search area.

- 2 Select a parking location, and select **Go!**.

The device guides you to the parking area.

Changing Your Active Route

Adding a Stop to Your Route

Before you can add a stop to your route, you must be navigating a route ([Starting a Route, page 19](#)).

You can add stops to the middle or end of your route. For example, you can add a fuel station as the next destination in your route.

TIP: To create complex routes with multiple destinations or scheduled stops, you can use the route planner to plan, schedule, and save a route ([Route Planner, page 32](#)).

- 1 From the map, select **Q**.
- 2 Search for a location ([Finding and Saving Locations, page 13](#)).
- 3 Select a location.
- 4 Select **Go!**.
- 5 Select an option:
 - To stop the current route and start a new route to the location, select **Start New Route**.
 - To add the location as the next destination in your route, select **Add As Next Stop**.
 - To add the location to the end of your route, select **Add As Last Stop**.
 - To add the location and edit the order of destinations in your route, select **Add to Active Route**.

Shaping Your Route

Before you can shape your route, you must start a route ([Starting a Route, page 19](#)).

You can manually shape your route to change its course without adding a stop.

- 1 Select a point on the map.
- 2 Select **Shape Route**.

The device recalculates the route to include the selected shaping point.
- 3 Select **Go!** to accept the new route.

Taking a Detour

You can take a detour for a specified distance along your route or detour around specific roads. This is useful if you encounter construction zones, closed roads, or poor road conditions.

- 1 From the map, select **View Route** > **:**.
- 2 Select an option:
 - To detour your route for a specific distance, select **Detour by Distance**.
 - To detour around a specific road on the route, select **Detour by Road**.

Changing the Route Calculation Mode

- 1 Select **☰** > **⚙** > **Navigation** > **Routing Mode**.
- 2 Select an option:
 - Select **Faster Time** to calculate routes that are faster to drive but can be longer in distance.
 - Select **Straight Line** to calculate point-to-point routes in a straight line.
 - Select **Shorter Distance** to calculate routes that are shorter in distance but can take more time to drive.

Stopping the Route

From the map, select **✕**.

Using Suggested Routes

Before you can use this feature, you must save at least one location and enable the travel history feature ([Device and Privacy Settings, page 40](#)).

Using the predicted destinations feature, your device predicts your destination based on your travel history, the day of the week, and the time of day. After you have driven to a saved location several times, the location may appear in the navigation bar on the map, along with the estimated time of travel and traffic information.

Select the navigation bar to view a suggested route to the location.

Avoiding Delays, Tolls, and Areas

NOTICE

Garmin® is not responsible for the accuracy or timeliness of information concerning traffic, toll areas, or other potential areas of avoidance.

Avoiding Traffic Delays on Your Route

Before you can avoid traffic delays, you must be receiving traffic information (*Receiving Traffic Data Using Your Phone*, page 30).

By default, the device optimizes your route to avoid traffic delays automatically. If you have disabled this option in the traffic settings (*Navigation Settings*, page 38), you can view and avoid traffic delays manually.

- 1 While navigating a route, select  > **Traffic**.
- 2 Select **Alternate Route**, if available.
- 3 Select **Go!**.

Avoiding Toll Roads

Your device can avoid routing you through areas that require tolls, such as toll roads, toll bridges, or congestion areas. The device may still include a toll area in your route if no other reasonable routes are available.

- 1 Select  >  > **Navigation > Avoidances > Avoid Tolls and Fees**.
- 2 Select **Save**.

Avoiding Road Features

- 1 Select  >  > **Navigation > Avoidances**.
- 2 Select the road features to avoid on your routes, and select **Save**.

Avoiding Environmental Zones

Your device can avoid areas with environmental or emissions restrictions that may apply to your vehicle.

- 1 Select  >  > **Navigation > Environmental Zones**.
- 2 Select an option:
 - To be asked each time before routing through an environmental zone, select **Always Ask**.
 - To always avoid environmental zones, select **Avoid**.
 - To always allow environmental zones, select **Allow**.
- 3 Select **Save**.

Custom Avoidances

Custom avoidances allow you to select specific areas or sections of road to avoid. When the device calculates a route, it avoids these areas and roads unless no other reasonable route is available.

Avoiding a Road

- 1 Select  >  > **Navigation > Custom Avoidances**.
- 2 If necessary, select **Add Avoidance**.
- 3 Select **Add Avoid Road**.
- 4 Select the starting point of the section of road to avoid, and select **Next**.
- 5 Select the ending point of the road section, and select **Next**.
- 6 Select **Done**.

Avoiding an Area

- 1 Select  >  > **Navigation > Custom Avoidances**.
- 2 If necessary, select **Add Avoidance**.
- 3 Select **Add Avoid Area**.
- 4 Select the upper-left corner of the area to avoid, and select **Next**.
- 5 Select the lower-right corner of the area to avoid, and select **Next**.
The selected area is shaded on the map.
- 6 Select **Done**.

Disabling a Custom Avoidance

You can disable a custom avoidance without deleting it.

- 1 Select  >  > **Navigation > Custom Avoidances**.
- 2 Select an avoidance.
- 3 Select  > **Disable**.

Deleting Custom Avoidances

- 1 Select  >  > **Navigation** > **Custom Avoidances** > .
- 2 Select an option:
 - To delete all custom avoidances, select **Select All** > **Delete**.
 - To delete one custom avoidance, select the avoidance, and select **Delete**.

Using the Map

You can use the map to navigate a route ([Your Route on the Map, page 19](#)) or to view a map of your surroundings when no route is active.

- 1 Touch anywhere on the map.
- 2 Select an option:
 - Drag the map to pan left, right, up, or down.
 - To add or remove map layers, select .
 - To zoom in or out, select **+** or **–**.
 - To switch between North Up, 2-D, and 3-D views, select .
 - To plan a route, drag the map to reveal additional icons, and select  ([Route Planner, page 32](#)).
 - To start a route, select a location on the map, and select **Go!** ([Starting a Route to a Point on the Map, page 19](#)).

Up Ahead

The Up Ahead tool provides information about upcoming locations along your route or the road on which you are traveling. You can view upcoming points of interest by category, such as restaurants, fuel stations, or rest areas.

You can customize the categories that show in the Up Ahead tool.

Viewing Upcoming Locations

- 1 From the map, select  > **Up Ahead**.
While you are traveling, the map tool shows the next location along your road or route.
- 2 Select an option:
 - If the map tool shows categories, select a category to view a list of nearby locations in that category.
 - If the map tool shows upcoming locations, select a location to view location details or start a route to the location.

Customizing the Up Ahead Categories

You can change the location categories that appear in the Up Ahead tool.

- 1 From the map, select  > **Up Ahead**.
- 2 Select .
- 3 Select an option:
 - To move a category up or down in the list, select and drag the arrow next to the category name.
 - To change a category, select the category.
 - To create a custom category, select a category, select **Custom Search**, and enter the name of a business or category.
- 4 Select **Save**.

Cities Ahead

While you are traveling on a highway or navigating a route that includes a highway, the Cities Ahead tool provides information about upcoming cities along the highway. For each city, the map tool shows the distance to the highway exit and the services available, similar to the information on highway road signs.

Viewing Upcoming Cities and Exit Services

- 1 From the map, select  > **Cities Ahead**.
While you are traveling along a highway or an active route, the map tool shows information about upcoming cities and exits.
- 2 Select a city.
The device shows a list of points of interest located at the selected city exit, such as fuel stations, lodging, or restaurants.
- 3 Select a location, and select **Go!** to start navigating.

Trip Information

Viewing Trip Data from the Map

From the map, select  > **Trip Data**.

Customizing the Trip Data Fields

- 1 From the map, select  > **Trip Data**.
- 2 Select a trip data field.
- 3 Select an option.

The new trip data field appears in the trip data map tool.

Viewing Your Travel History on the Map

When you enable the Travel History feature, your device keeps a record of the path you have traveled ([Device and Privacy Settings](#), page 40). You can turn on the Travel History map layer to see your previous routes on the map.

From the map, select  > **Layers** > **Travel History**.

Resetting Trip Information

- 1 From the map, select  > **Trip Data**.
- 2 Select .
- 3 Select an option:
 - When not navigating a route, select **Select All** to reset every data field except the speedometer, on the first page.
 - Select **Reset Overall Data** to reset Trip A and total data.
 - Select **Reset Trip B** to reset the odometer.
 - Select **Reset Max. Speed** to reset the maximum speed.
 - Select **Reset Max. Elevation** to reset the maximum elevation.
- 4 Select **Reset**.

Customizing the Map

Customizing the Map Layers

You can customize which data appears on the map, such as 3D terrain, 3D buildings, or traffic.

- 1 From the map, select  > **Layers**.
- 2 Select each layer you want to show on the map.

Viewing Your Collections on the Map

Before you can view the Collections map layer, you must pair your device with the Garmin Drive™ app to sync your device with your Garmin® account.

You can view the items from your Garmin account directly on the map.

NOTE: Items from your Garmin account that were not added to any collection appear in the Unorganized collection on your Garmin Drive device.

- 1 From the map, select  > **Collections**.
- 2 Select one or more collection categories from the list.

The tracks and waypoints from the selected collections appear as icons on the map.

Changing the Map Data Field

- 1 From the map, select a data field.

NOTE: You cannot customize Speed.
- 2 Select a type of data to display.

Changing the Map Perspective

- 1 Select  >  > **Map** > **Driving Map View**.
- 2 Select an option:
 - Select **Track Up** to display the map in two dimensions (2-D), with your direction of travel at the top.
 - Select **North Up** to display the map in 2-D with north at the top.
 - Select **3-D** to display the map in three dimensions.

Changing the Map Region

When the device is connected to a Wi-Fi® network, you can download new map regions directly onto the device.

1 Select  > **Map Manager**.

2 Select an option:

- To remove a map region, select the region, and select **Remove**.
- To install a new map region to the device's internal memory, select the region, and select **Install to Device**.
- To install a new map region to a memory card ([Installing a Memory Card for Maps and Data, page 50](#)), select the region, and select **Install to the Memory Card**.

As you add or remove new regions, a bar at the top of the page displays the available storage space on the device.

3 After you have finished adding and removing map regions, select **Apply**.

Reinstalling Maps

When the device is connected to a Wi-Fi® network, you can reinstall maps on the device. This can be useful if you need to install a previously removed map or if you need to install a map to a replacement memory card.

1 Select  > **Map Manager** >  > **Reinstall Maps**.

2 Select one or more maps, and select **Reinstall**.

Live Services, Traffic, and Smartphone Features

WARNING

Do not read or interact with notifications while driving, because doing so can cause distraction that could lead to an accident resulting in serious personal injury or death.

The Garmin Drive™ app allows your device to receive smart notifications and live information, such as live traffic data and weather information.

Live traffic data: Sends real-time traffic data to your device, such as traffic incidents and delays, construction zones, and road closings ([Traffic, page 30](#)).

Weather information: Sends real-time weather forecasts, road conditions, and weather radar to your device ([Viewing the Weather Forecast, page 31](#)).

Hands-Free calling: Allows you to place and receive phone calls using your device, and allows you to use the device as a hands-free speaker phone. If the selected language supports the voice command feature, you can place calls using voice commands.

Send locations to device: Allows you to send locations from your smartphone to your navigation device.

Showing or Hiding App Notifications

You can use the Garmin Drive™ app to customize which types of smartphone notifications appear on your Garmin Drive device.

- 1 On your phone, open the Garmin Drive app.
- 2 Select  > **Smart Notifications**.
A list of smartphone app categories appears.
- 3 Select a category to enable or disable notifications for that type of app.

Smart Notifications

While your device is connected to the Garmin Drive™ app, you can view notifications from your smartphone on your Garmin Drive device, such as text messages, incoming calls, and calendar appointments.

Receiving and Viewing Notifications

WARNING

Do not read or interact with notifications while driving, because doing so can cause distraction that could lead to an accident resulting in serious personal injury or death.

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

From most pages, a pop-up appears when the device receives a notification from your phone. If the device is moving, you must verify you are a passenger and not the driver before you can view notifications.

NOTE: If you are viewing the map, notifications appear at the top of the screen.

- To view active notifications, you can select the notification pop-up, or select  > **Smart Notifications**.
- To ignore a pop-up notification, wait for the notification to expire.
The pop-up closes, but the notification remains active in the Smart Notifications app and on your phone.
- To close the notification without dismissing it from your phone, select the notification, and select **Mark As Read**.
- To close the notification and dismiss it from your phone, select the notification, and select **Dismiss**.

Hands-Free Calling

NOTE: While most phones are supported and can be used, it cannot be guaranteed that a particular phone can be used. All features may not be available for your phone.

Using Bluetooth wireless technology, your device can connect to your mobile phone to become a hands-free device ([Live Services, Traffic, and Smartphone Features, page 28](#)). While connected, you can place or receive calls using your device.

Placing a Call

Dialing a Number

- 1 Select  > **Phone** > **Dial**.
- 2 Enter the number.

- 3 Select .

Calling a Contact in Your Phone Book

Your phone book is loaded from your phone to the device each time your phone and the device connect. It may take a few minutes for the phone book to be available. Some phones do not support this feature.

- 1 Select > **Phone** > **Contacts**.
- 2 Select a contact.
- 3 Select **Call**.

Calling a Location

- 1 Select **Where To?**, and search for a point of interest ([Finding and Saving Locations, page 13](#)).
- 2 Select a point of interest.
- 3 Select .

Receiving a Call

When you receive a call, select **Answer** or **Ignore**.

Viewing the Call History

Your call history is loaded from your phone to the device each time your phone and the device connect. It may take a few minutes for the call history to be available. Some phones do not support this feature.

Select > **Phone** > **Recents**.

A list of calls appears, with the most recent calls at the top. You can select a call to call the number in your history.

Using In-Call Options

In-call options are available when you answer a call. Some options may not be compatible with your phone.

TIP: If you close the in-call options page, you can open it again by selecting from any screen. You can also select the caller from the map.

- To transfer audio to your phone, select **Call in Progress on Navigator**.
TIP: You can use this feature if you want to disconnect the Bluetooth® connection and remain on the call, or if you need privacy.
- To set up a conference call, select the name of your contact, and select **Add Call**.
- To use the dial pad, select **Keypad**.
TIP: You can use this feature to use automated systems, such as voice mail.
- To mute the microphone, select **Mute**.
- To hang up, select **End**.

Sending Locations From Your Phone

You can send locations from the Garmin Drive™ app on your phone to your Garmin Drive navigator.

- 1 From the Garmin Drive app, select **Where To?**, and search for a location.
- 2 Select a location from the list of search results.
- 3 Select **Send to Device**.
- 4 On your Garmin Drive navigator, select **OK**.

Disconnecting a Paired Phone

You can temporarily disconnect a paired phone without deleting it from the paired devices list. The phone can connect to your Garmin Drive™ device automatically in the future.

- 1 Select > > **Phone**.
- 2 Select the phone to disconnect.
- 3 Select **Disconnect**.

Deleting a Paired Phone

You can delete a paired phone to prevent it from automatically connecting to your device in the future.

- 1 Select > > **Phone**.
- 2 Select the phone to delete.
- 3 Select **Forget Device**.

Traffic

NOTICE

Garmin® is not responsible for the accuracy or timeliness of the traffic information.

Your device can provide information about traffic on the road ahead or on your route. You can set your device to avoid traffic when calculating routes, and to find a new route to your destination if a large traffic delay occurs on your active route ([Navigation Settings, page 38](#)). The traffic map allows you to browse the map for traffic delays in your area.

To provide traffic information, your device must be receiving traffic data.

- All product models can receive subscription-free traffic data using the Garmin Drive™ app ([Receiving Traffic Data Using Your Phone, page 30](#)).

Traffic data is not available in all areas. For information about traffic coverage areas, go to garmin.com/traffic.

Receiving Traffic Data Using Your Phone

Your device can receive subscription-free traffic data while connected to a phone running the Garmin Drive™ app.

- 1 Connect your device to the Garmin Drive app ([Live Services, Traffic, and Smartphone Features, page 28](#)).
- 2 On your Garmin Drive device, select  >  > **Navigation**, and verify the **Traffic** option is selected.

Viewing Traffic on the Map

The traffic map shows color-coded traffic flow and delays on nearby roads.

From the map, select  > **Traffic** > **Overview**.

Using the Apps

Pinning Apps to the Sidebar

You can pin your favorite apps to the sidebar to access them quickly from the map.

- 1 Select  > .
- 2 Drag your favorite apps to the available positions on the sidebar.

Removing or Replacing Pinned Apps

- 1 Select  > .
- 2 Select an option:
 - To replace a pinned app, drag a new app over the app you want to replace.
 - To remove a pinned app, touch an app labeled with  in the sidebar.

Viewing the Weather Forecast

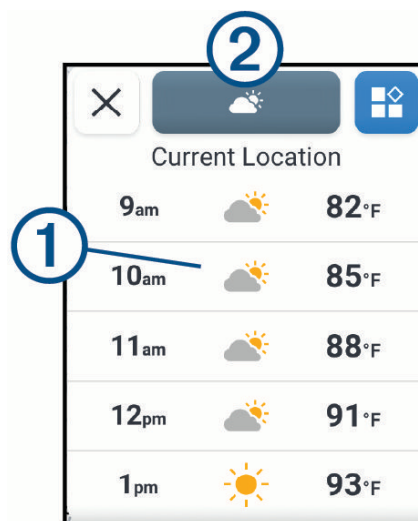
WARNING

This feature is for informational purposes only and is not intended to be a primary source for tracking weather forecasts or changes. It is your responsibility to review relevant weather reports and conditions, to remain aware of your surroundings, and to use safe judgment, especially during times of severe weather. Failure to do so could cause potential property damage, serious personal injury or death.

Before you can use this feature, your device must be receiving weather data. You can connect your device to the Garmin Drive™ app to receive weather data ([Live Services, Traffic, and Smartphone Features, page 28](#)).

NOTE: Weather forecasts are not available in all areas.

- 1 Select  > **Weather**.



The device shows the current weather conditions and a weather forecast.

- 2 Select an option:
 - To expand the weather app to full screen for more detailed information, touch the app ①.
 - To view additional weather information, such as radar, wind conditions, road conditions, and weather alerts, select the information button ②.

Viewing Weather Near a Different City

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

- 1 Select  > **Weather**.
- 2 Touch the weather app to view it in a full screen layout.
- 3 Select .
- 4 Select an option:
 - To add a favorite city, select , and enter a city name.

- To select a city from your favorite locations, select a city.
- To remove a city from your favorites, select .

Viewing the Weather Radar

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

- 1 Select  > **Weather**.
- 2 Select the information button, and select **Radar**.

Viewing the Wind Forecast

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

- 1 Select  > **Weather**.
- 2 Select the information button, and select **Wind**.
- 3 Select an option:
 - To view a map of the average wind speed forecast in your area, select .
 - To view a map of the strongest wind speeds forecast in your area, select .

Checking Road Conditions

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

You can view weather-related road conditions for the roads in your area, on your route, or in another city.

- 1 Select  > **Weather**.
- 2 Select the information button, and select **Road Conditions**.

Viewing Weather Alerts

NOTICE

Before you can use this feature, your device must be connected to a supported phone running the Garmin Drive™ app ([Live Services, Traffic, and Smartphone Features, page 28](#)).

NOTE: This feature is not available in all areas.

While you are traveling with your device, weather alerts may appear on the map. You can also view a map of weather alerts near your current location or near a selected city.

- 1 Select  > **Weather**.
- 2 Select the information button, and select **Weather Alerts**.

Route Planner

You can use the route planner to create and save a route, which you can navigate later. This can be useful for planning a delivery route, a vacation, or a road trip. You can edit a saved route to further customize it, including reordering locations, adding suggested attractions, and adding shaping points.

Planning a Route

A route can include many stops and shaping points, and it must include at least a starting location and one destination.

- 1 Select  > **Route Planner**.
- 2 Select an option:
 - To select a starting location from the map, touch the map, and select **Start Here**.
 - To search for a starting location, select , and select a location.
- 3 Add one or more additional stops along your route.

TIP: You can touch the map to add shaping points between stops on your route.
- 4 Select  to view details about your route.
- 5 Select an option:
 - To reorder locations in your route, drag the location to a new position in the route.

NOTE: The last stop you add is the route destination.
 - To change the routing option between two locations, select a routing mode, and select a different routing mode.

- To view information about a location on your route, select the location, and select **i**.
- To change a location on your route, select the location, and select **Change**.
- To rename a location on your route, select the location, and select **Rename**.
- To delete a location on your route, select the location, and select **Delete**.

6 After you have finished planning the route, select .

Navigating to a Saved Route

- 1 Select  > **Saved**.
 - 2 Select a saved route.
 - 3 Select .
 - 4 Select the first location to navigate to, and select .
- The device calculates a route from your current location to the selected location, and then it guides you to the remaining route destinations in order.

Editing and Saving Your Active Route

If a route is active, you can use the route planner to edit and save it.

- 1 Select  > **Route Planner**.
- 2 Edit your route using any of the route planner features.
The route recalculates each time you make a change.

Music Controls

You can control the media currently playing on your phone. You can open the media player at any time by selecting  > **Music Controls** from the map.

	Plays the music track currently selected on your phone.
	Pauses the music track currently selected on your phone.
	Skips to the next music track on your phone's playlist.
	Moves to the previous music track on your phone's playlist.

Wireless Cameras

NOTICE

Some jurisdictions regulate or prohibit the use of attached cameras or camera accessories. It is your responsibility to know and comply with applicable laws and rights to privacy in jurisdictions where you plan to use this device.

Your device can display the video feed from one or more connected wireless cameras (sold separately).

Pairing the Device with a Wireless Camera

You can pair a wireless camera with your Garmin Drive™ device.

- 1 Update your Garmin Drive device to the latest software version ([Map and Software Updates, page 46](#)).
Your device may not support the wireless camera without the latest software.
- 2 Select  > **Cameras**.
- 3 Select a compatible camera.
- 4 Follow the on-screen instructions to finish pairing and setting up the camera.

After you complete the pairing process with a camera for the first time, it connects automatically to the Garmin® navigation device when power is applied.

Viewing the Wireless Camera

⚠ WARNING

This device is intended to enhance situational awareness when used properly. If used improperly, you could become distracted by the display, which could lead to an accident causing serious personal injury or death. Always view the display at a glance when the vehicle is in motion to avoid becoming distracted.

From the home screen or the map, select .

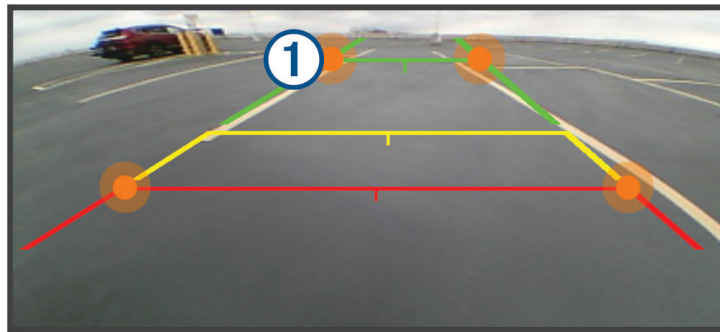
Aligning the Guidance Lines

For the best reference points, the guidance lines should be aligned to reflect the outside edges of the vehicle. You should align the guidance lines separately for each backup camera. On some models, adjustment is automatically available after pairing a camera.

⚠ WARNING

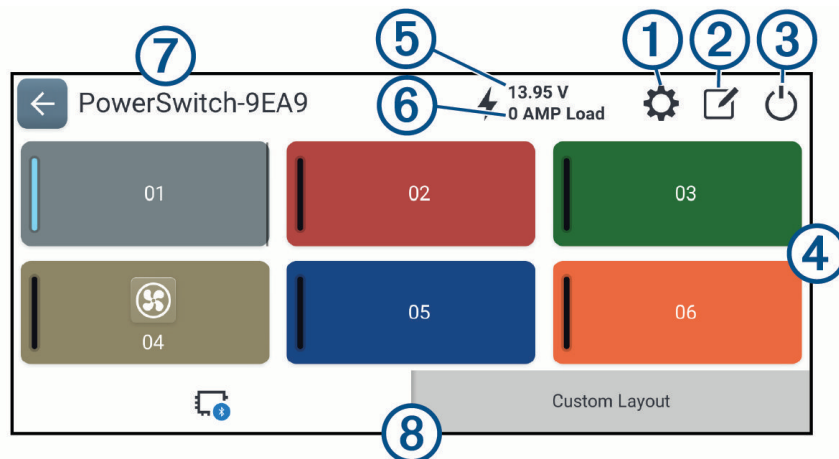
You must ensure that the guidance lines are properly aligned before using the device and after making any camera angle adjustments. Failure to properly align the guidance lines could result in an accident or collision, resulting in death, serious injury, or property damage.

- 1 Position the vehicle with one side closely aligned to a curb, driveway, or parking stall lines. You may want to position the vehicle in the center of a parking stall, and then pull forward into the next stall. This allows you to use the parking stall lines in the rear of the vehicle as reference points for alignment. The curb, driveway, or parking stall lines should be clearly visible on the device.
- 2 Select an option:
 - From the camera view, tap the screen, and select .
 - From the camera view, select  > **Adjust Video**.
- 3 Drag the circles on the corners of the guidance lines , or tap the arrows until they match the angle and position of the curb, driveway, or parking stall lines. The guidance lines should appear directly on top of your reference points. The red or orange section of the guidance lines should align with the rear of your vehicle.



- 4 If necessary, reposition the vehicle with the other side closely aligned to a curb, driveway, or parking stall lines, and repeat the alignment process. You should attempt to keep the guidance lines symmetrical, even if your vehicle is not in perfect alignment with the curb, driveway, or parking stall lines.
- 5 Select  after alignment is complete.

Garmin PowerSwitch™ App



① 	Opens the app settings menu
② 	Enters editing mode to customize the app layout and functions
③ 	Turns off all outputs
④ Power buttons	Activates each connected output
⑤	Displays input voltage
⑥	Displays the total amperage of the selected Garmin PowerSwitch device
⑦	Displays the device name
⑧	Displays Garmin PowerSwitch device tabs and custom layout tabs

Activating a Power Switch

Before you can use the Garmin PowerSwitch™ app to activate a switch, you must install your Garmin PowerSwitch device in your vehicle and pair it with the Garmin PowerSwitch app.

From the Garmin PowerSwitch app, select a power button to turn a switch on or off.

Turning Off All Switches

Select .

Customizing a Button

- 1 From the Garmin PowerSwitch™ app screen, select .
The app enters editing mode.
- 2 Select  on the button you want to customize.
- 3 When you have finished customizing the button, select .
- 4 Select .

Assigning a Switch to a Control Input

Before you can use control input functions, you must connect a control input to your Garmin PowerSwitch™ device.

You can assign one or more switches to turn on when the Garmin PowerSwitch device receives a signal from a control input.

- 1 Select .
- 2 Select your Garmin PowerSwitch device.
- 3 Select a control input.
- 4 Select one or more switches.

Adding a Custom Layout

You can add a custom layout tab to the Garmin PowerSwitch™ app. Buttons added to a custom layout can control multiple switches at the same time.

- 1 From the Garmin PowerSwitch app, select .
The device enters editing mode.
- 2 Select .

Adding a Button to a Custom Layout

- 1 From the Garmin PowerSwitch™ app, select a custom layout tab.
- 2 Select .
The app enters editing mode.
- 3 Select **Add Button**.
- 4 On the new button, select .
- 5 Select an option:
 - To change the name of the button, select the **Label** field, and enter a name.
 - To add an icon to the button, select the **Icon** field, and select an icon.
 - To change the button color, select a color.

- 6 Select **Add Action**.
- 7 If necessary, select a Garmin PowerSwitch device and a switch.
- 8 Select an action:
 - To set the button to turn the switch on or off with each press, select **Toggle**.
 - To set the button to turn on the switch, select **Turn On**.
 - To set the button to turn off the switch, select **Turn Off**.
- 9 Select a button mode:
 - To set the button to activate with one touch, select **Normal**.
 - To set the button to activate only while touching the button, select **Momentary**.
 - To set the button to turn on and off repeatedly, select **Strobe**, and select time intervals.
- 10 If applicable, use the slider to set the brightness of lights.
- 11 Select .
- 12 If necessary, select **Add Action** to add additional actions for the button.
You can add one action for every switch on the Garmin PowerSwitch device.

Arranging Buttons In a Custom Layout

- 1 From the Garmin PowerSwitch™ app, select a custom layout tab.
- 2 Select .
The app enters editing mode.
- 3 On the button you want to move, hold  and drag the button to a new location.

Deleting a Custom Layout or Button

- 1 From the Garmin PowerSwitch™ app, select a custom layout tab.
- 2 Select .
The app enters editing mode.
- 3 Select an option:
 - To delete a button, select  on the button you want to delete.
 - To delete a layout tab, select  on the layout tab.

Routines

Routines automate your Garmin PowerSwitch™ device. When you define a routine on your compatible Garmin® navigation device, it turns switches on or off automatically when the conditions of the routine are met. For example, you can set a routine to turn on a switch at a specific time each day or when your vehicle reaches a specific speed. Routines are available only when using a compatible Garmin navigation device.

Adding a Routine

- 1 From the Garmin PowerSwitch™ app, select  > **Routines**.
- 2 If necessary, select **Add Routine**.
- 3 Select **When**.
- 4 Select a trigger:
 - To set a switch to trigger when your vehicle reaches a specific speed, select **Speed** > **Next**, and follow the on-screen instructions to enter speed thresholds.
 - To set a switch to trigger at a specific time each day, select **Time** > **Next**, and enter a time.
 - To set a switch to trigger at sunrise, select **Sunrise**.
 - To set a switch to trigger at sunset, select **Sunset**.
- 5 Select **Add Action**.
- 6 Select a device, a switch, an action, and a button mode.
- 7 If necessary, use the slider to adjust the dimmer.
- 8 Select **Save**.

Editing a Routine

- 1 From the Garmin PowerSwitch™ app, select  > **Routines**.
- 2 Select  on the routine you want to edit.
- 3 Select an option:

- To change the trigger for the routine, select **When**, and select a trigger.
- To change an action, select  on the action you want to change, and update the action.
- To add an action to the routine, select **Add Action**, and enter information about the action.

4 Select **Save**.

Deleting a Routine

- 1 From the Garmin PowerSwitch™ app, select  > **Routines**.
- 2 Select  on the routine you want to delete.

Viewing Previous Routes and Destinations

Before you can use this feature, you must enable the travel history feature ([Device and Privacy Settings](#), page 40).

You can view your previous routes and places you have stopped on the map.

Select  > **Trip History**.

Settings

Phone Settings

Select  >  > **Phone**, and select your phone.

Disconnect: Disconnects the paired phone.

Rename: Select to change how the name of your phone appears on your navigation device.

Phone calls: Enables phone controls when receiving a phone call.

Garmin Drive: Displays the connection status with the Garmin Drive™ app on your phone.

Forget Device: Removes the connected device from the list of paired devices. This option is available only after a device is paired.

Wi-Fi® Settings

The wireless network settings allow you to manage Wi-Fi networks.

Select  >  > **Wi-Fi**.

Wi-Fi: Enables the Wi-Fi radio.

Saved Networks: Allows you to edit or remove saved networks.

Search for Networks: Searches for nearby Wi-Fi networks ([Connecting to a Wi-Fi® Network, page 46](#)).

Map Settings

Select  >  > **Map**.

Map Vehicle Icon: Sets the vehicle icon that represents your position on the map.

Map Vehicle Size: Sets the size of the vehicle icon on the map.

Driving Map View: Sets the perspective on the map.

Map Detail: Sets the level of detail on the map. More detail may cause the map to draw slower.

Saved Place Labels: Sets the size of waypoint labels on the map.

Saved Place Decluttering: Hides waypoint icons at high map zoom levels.

Large Navigation Text: Increases the navigation text size.

Auto Zoom: Automatically selects the zoom level for optimal use of your map. When disabled, you must zoom in or out manually.

Skip Next Stop Confirmation: Sets a confirmation message to appear when skipping a location on your route.

Map Manager: Enables you to manage maps installed on the device ([Changing the Map Region, page 27](#)).

Navigation Settings

Select  >  > **Navigation**.

Routing Mode: Sets preferences for how the route is created ([Routing Mode Settings, page 38](#)).

Avoidances: Sets road features to avoid on a route.

Custom Avoidances: Allows you to avoid specific roads or areas.

Traffic: Enables or disables traffic features.

Switch to Faster Route: Enables the device to automatically change to a faster route to save time when delays are detected.

Toll Stickers: Not available in every region. Sets options to avoid or allow roads that require toll stickers for each country ([Avoiding Toll Stickers, page 39](#)).

Environmental Zones: Sets the avoidance preferences for areas with environmental or emissions restrictions that may apply to your vehicle.

Restricted Mode: Disables all functions that require significant operator attention.

GPS Simulator: Stops the device from receiving a GPS signal, and saves battery power ([Setting a Simulated Location, page 39](#)).

Routing Mode Settings

Select  >  > **Navigation** > **Routing Mode**.

The route calculation is based on road speeds and vehicle acceleration data for a given route.

Faster Time: Calculates routes that are faster to drive but can be longer in distance.

Shorter Distance: Calculates routes that are shorter in distance but can take more time to drive.

Straight Line: Calculates a direct line from your location to your destination.

Avoiding Toll Stickers

If the map data on your device contains detailed toll sticker information, you can avoid or allow roads that require toll stickers for each country.

NOTE: This feature is not available in all areas.

- 1 Select  >  > **Navigation > Toll Stickers.**
- 2 Select a country.
- 3 Select an option:
 - To be asked each time before routing through an area that requires toll stickers, select **Always Ask.**
 - To always avoid roads that require toll stickers, select **Avoid.**
 - To always allow roads that require toll stickers, select **Allow.**

Setting a Simulated Location

If you are indoors or not receiving satellite signals, you can use the GPS simulator to plan routes from a simulated location.

- 1 Select  >  > **Navigation > GPS Simulator.**
- 2 While viewing the map, tap a location on the map.
The address or location description appears at the bottom of the screen.
- 3 Select the location description.
- 4 Select **Set Location.**

Driver Assistance Settings

Select  >  > **Driver Assistance.**

Driver Alerts: Allows you to enable or disable alerts for upcoming zones or road conditions (*Driver Awareness Features and Alerts, page 12*).

Speeding Alert: Alerts you when you are exceeding the speed limit.

Reduced Speed Tone: Alerts you when the speed limit decreases.

Country Border Alert: Displays a notification when crossing international borders.

Break Planning: Reminds you to take a break, and displays upcoming services after you drive for an extended time. You can enable or disable break reminders and upcoming service suggestions.

Proximity Alerts: Alerts you when you approach speed cameras or red light cameras.

Proximity Alerts Settings

NOTE: You must have custom points of interest (POIs) loaded for proximity point alerts to appear.

NOTE: This feature is not available in all areas.

Select  >  > **Driver Assistance > Proximity Alerts.**

Audio: Sets the style of alert that plays when you approach proximity points.

Alerts: Sets the type of proximity points for which alerts are played.

Camera Settings

The camera settings allow you to manage paired Garmin® backup cameras and camera settings. This menu appears on your navigation device only when the device is connected to a wireless camera receiver cable. See the owner's manual for your backup camera for detailed information about pairing cameras and camera settings. Go to garmin.com/backupcamera to purchase a Garmin backup camera.

Select  >  > **Cameras**, and select a paired camera.

Unpair: Removes the paired camera. You must pair the camera again before you can view it using this device and cable.

Rename: Allows you to rename the paired camera.

Guidance Lines: Shows or hides guidance lines and allows you to adjust the position of the guidance lines.

Display Settings

Select  >  > **Display.**

Brightness Slider: You can move the slider to adjust the display brightness.

Color Mode: Allows you to select day or night color mode. If you select the Auto option, the device automatically switches to day or night colors based on the time of day.

Display Timeout: Allows you to set the amount of idle time before your device enters sleep mode while using battery power.

Automatic Standby: Sets the device to go into sleep mode when idling and when the device is connected to external power.

Screenshot: Allows you to take a picture of the device screen. Screenshots are saved in the Screenshot folder of the device storage.

System Settings

Select  >  > **System**.

Text Language: Sets all on-screen text to the selected language.

NOTE: Changing the text language does not change the language of user-entered data or map data, such as street names.

Voice Language: Sets the language for voice prompts.

Keyboard Language: Enables keyboard languages.

Units: Sets the unit of measure used for distances.

Current Time: Sets the device time.

Time Format: Allows you to select a 12-hour, 24-hour, or UTC display time.

Position Format: Sets the coordinate format and datum used for geographical coordinates.

Changing the Language

1 Select  >  >  > .

2 Select your language.

Position Format Settings

NOTE: Do not change the position format or the map datum coordinate system unless you are using a map or chart that specifies a different position format.

Select  >  > **System** > **Position Format**.

Coordinate Format: Sets the position format for the location information.

Display Format: Sets the format in which coordinates will appear on the device.

Datum: Sets the coordinate system on which the map is structured.

Map Spheroid: Shows the coordinate system the device is using. The default coordinate system is WGS 84.

Reset: Resets the position format settings to factory default values.

Setting the Time

1 Select  >  > **System** > **Current Time**.

2 Select an option:

- To set the time automatically using GPS information, select **Automatic**.
- To set the time manually, drag the numbers up or down.

Device and Privacy Settings

Select  >  > **Device**.

About: Displays the software version number, the unit ID number, and information on several other software features.

Screen Lock: Sets options to require a Personal Identification Number (PIN) each time you turn on the navigator ([Enabling the Screen Lock, page 41](#)).

Regulatory: Displays regulatory markings and information.

EULAs: Displays the end-user license agreements.

NOTE: You need this information when you update the system software or purchase additional map data.

Software Licenses: Displays software licensing information.

Device Data Reporting: Shares anonymous data to improve the device.

Travel History: Allows the device to store a record of the places you go. This allows you to view the trip log, use the Travel History map layer, and use predicted destinations based on trends.

Reset: Allows you to clear your travel history, reset settings, or delete all user data.

Enabling the Screen Lock

To prevent unauthorized use of your device, you can enable the Screen Lock feature, which requires a Personal Identification Number (PIN). When enabled, you must enter the PIN to unlock the screen each time you turn on the device.

NOTICE

If you enable the Screen Lock feature, Garmin® Support cannot retrieve the PIN or access your device. It is your responsibility to provide the PIN to anyone authorized to use the navigator.

- 1 Select  >  > **Device > Screen Lock**.
- 2 Select an option:
 - To enable the screen lock and set a new PIN, select **Require PIN**, and enter a PIN number.
 - To change your PIN number, select **Change PIN**, and enter a PIN number.
 - To disable the screen lock, clear the **Require PIN** check box.

Resetting Data and Settings

The device offers several options for deleting your user data and resetting all settings to the factory default values.

- 1 Select  >  > **Device > Reset**.
- 2 Select an option:
 - To clear your travel history, select **Clear Travel History**.
This option deletes all records of the places you have traveled. It does not delete saved locations or installed maps.
 - To reset all settings to the factory default values, select **Reset Default Settings**.
This option does not delete any user data.
 - To delete all user data and reset all settings to the factory default values, select **Delete Data and Reset Settings**.
This option deletes all user data, including your saved locations, recently found locations, and travel history. Installed maps are not deleted.

Truck and Camper Pack™

NOTE: The Truck and Camper Pack feature package is not available in North America.

In select regions, you can purchase the Truck and Camper Pack to unlock truck and RV navigation features and points of interest for your Garmin Drive™ navigator.

Unlocking the Truck and Camper Pack™

NOTE: The Truck and Camper Pack features package is not available in North America.

- 1 From the map, select  > **Truck and Camper Pack™**.
- 2 Scan the QR code with your phone to learn more about the Truck and Camper Pack and purchase the premium features.

Vehicle Profiles

WARNING

Entering your vehicle profile characteristics does not guarantee that your vehicle's characteristics will be accounted for in all route suggestions or that you will receive the warning icons in all cases. Limitations may exist in the map data such that your device cannot account for these restrictions or road conditions in all cases. Always defer to all posted road signs and road conditions when making driving decisions.

By using different vehicle profiles, you can quickly change several device settings, such as which routing mode is used by default.

Routing and navigation are calculated differently based on your vehicle profile. The device avoids including restricted or impassable areas in routes based on the dimensions, weight, and other characteristics you entered for your vehicle.

The current active vehicle profile is indicated by an icon in the status bar. Some navigation and map settings on your device can be customized separately for each vehicle type.

Adding a Vehicle Profile

You can add a vehicle profile that includes the weight, dimensions, and other characteristics for your vehicle.

- 1 From the home screen, select  >  > **Vehicle Profile** > .
- 2 Select a vehicle type.
- 3 Follow the on-screen instructions to enter the vehicle characteristics.

After you add a vehicle profile, you can edit the profile to enter additional detailed information, such as the vehicle identification number or trailer number.

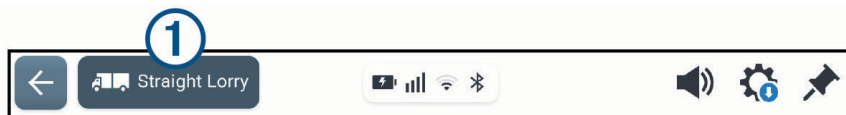
Car Profile

The car profile is a preloaded vehicle profile intended for use in an automobile without a trailer. While using the car profile, the device calculates standard automobile routes, and routing for large vehicles is not available. Some features and settings specific to large vehicles are not available while using the car profile.

Switching the Vehicle Profile

Before you can change the vehicle profile, you must add a vehicle profile ([Adding a Vehicle Profile, page 42](#)).

- 1 Select .
- 2 From the status bar, select the active vehicle profile .



- 3 Select a vehicle profile.
The vehicle profile information appears, including measurements and weight.
- 4 Select **Select Profile**.

Editing a Vehicle Profile

You can edit a vehicle profile to change vehicle information or to add detailed information to a new vehicle profile, such as the vehicle identification number, trailer number, or odometer reading. You can also rename or delete a vehicle profile.

- 1 From the home screen, select  >  > **Vehicle Profile**.

- 2 Select the vehicle profile to edit.
- 3 Select an option:
 - To edit the vehicle profile information, select , and select a field to edit.
 - To rename a vehicle profile, select  >  > **Rename Profile**.
 - To delete the vehicle profile, select  >  > **Delete**.

Vehicle and Driver Tools

Break Planning

When the break planning feature is enabled, the device notifies you one hour before suggested break times and drive hour limits and suggests break locations on your route. You can use this feature to keep track of your working hours, which may help you comply with safety regulations.

NOTE: Break planning features are not available when using the car vehicle profile.

Taking a Suggested Break

When it is time for a break, the device notifies you and displays suggested break location POIs along your route.

Select a POI from the list of suggested break locations.

The device adds the break location as the next destination on your route.

Starting the Break Timer

The break timer starts automatically when the vehicle is moving at least 8 kph (5 mph) for 30 seconds. You can start the timer manually at any time.

1 From the map, select  > **Break Planner**.

2 Select **Start Timer**.

Pausing and Resetting the Break Timer

The break timer pauses automatically when the vehicle stops for three minutes or longer. You can pause the timer manually for brief stops, such as parking or stopping at a truck stop. At the end of your drive, you can manually reset the timer.

1 Select **Stop Timer**.

2 Select an option:

- To pause the timer, select **Pause**.
- To stop and reset the timer, select **Reset**.

Adjusting Drive Hours

You can adjust your total hours driven to more closely match your hours of service records.

1 While using the break planner feature, select **Total Hours Driven**.

2 Enter the total hours driven.

3 Select **Save**.

Logging Service History

You can log the date and odometer reading when service or maintenance is performed on your vehicle. The device provides several service categories, and you can add custom categories ([Adding Service Categories, page 43](#)).

1 Select  > **Service History**.

2 Select a service category.

3 Select **Add Record**.

4 Enter the odometer reading, and select .

5 Enter a comment (optional).

6 Select .

Adding Service Categories

1 Select  > **Service History**.

2 Select  > **Add Category**.

3 Enter a category name, and select .

Deleting Service Categories

When you delete a service category, all service records in the category are also deleted.

- 1 Select  > **Service History**.
- 2 Select  > **Delete Categories**.
- 3 Select the service categories to delete.
- 4 Select **Delete**.

Deleting Service Records

- 1 Select  > **Service History**.
- 2 Select a service category.
- 3 Select  > **Delete Records**.
- 4 Select the service records to be deleted.
- 5 Select **Delete**.

Editing a Service Record

You can edit the comment, odometer reading, and date of a service record.

- 1 Select  > **Service History**.
- 2 Select a category.
- 3 Select a field.
- 4 Enter the new information, and select .

dēzl™ DualView

You can remotely control a compatible dēzl DualView side camera system and customize settings using your Garmin® navigator. Go to garmin.com for more information about the dēzl DualView side camera system.

Viewing Popular Truck Paths on the Map

You can enable the device to highlight popular truck paths on the map. This can be useful to help you choose roads that are more accessible for your vehicle.

From the map, select  > **Popular Truck Paths**.

Planning Your Arrival

Before you start a route, you can plan to arrive at a popular truck destination, such as a loading dock or truck parking, at the end of your route. You can also add your own destinations to the map.

- 1 Select **Where To?**, and search for a location (*Finding and Saving Locations, page 13*).
- 2 Select a location.
- 3 Select **Plan Arrival**.

A preview of your destination appears on the map. Popular truck destinations appear next to the map. If your Garmin Drive™ device is paired with the Garmin Drive app, it downloads satellite imagery automatically.

- 4 Select a destination, and select **Go!**.

Satellite Imagery

The Satellite Imagery app provides downloadable, high-resolution map imagery. You can download satellite imagery directly to your device while it is connected to a Wi-Fi® network.

Downloading Satellite Imagery

Before you can download satellite imagery directly to your device, you must connect your device to a wireless network (*Connecting to a Wi-Fi® Network, page 46*).

- 1 Select  > **Satellite Imagery** > **Download Satellite Imagery**.
- 2 If necessary, select **Location**, and search for a location.
- 3 Zoom and scroll the map to show the area where you want to view satellite imagery.
- 4 Select an option:
 - To change the imagery detail level, select **Detail**, and select a detail level.
 - To change the size of the map, select **Size**, and enter a size.
 - To change the storage location for your downloaded files, select **Save To**, and select a storage location.
- 5 Select **Download**.

Device Information

Viewing E-label Regulatory and Compliance Information

- 1 From the main menu, select .
- 2 Select **Device**.
- 3 Select **Regulatory**.

Specifications

Operating temperature range	From -20° to 55°C (from -4° to 131°F)
Charging temperature range	From 0° to 45°C (from 32° to 113°F)
Power input	Vehicle power using the included vehicle power cable. AC power using an optional accessory (for home and office use only).
Battery type	Rechargeable lithium-ion
Wireless frequencies	2400 – 2483,5 MHz < 20 dBm 5150 – 5250 MHz < 16 dBm 5250 – 5350 MHz < 20 dBm 5470 – 5725 MHz < 20 dBm 5725 – 5850 MHz < 14 dBm
EU SAR	A05126: 1,51 W/kg trunk, 1,51 W/kg limb AA5126: 1,89 W/kg trunk, 1,89 W/kg limb

Charging the Device

NOTE: This Class III product shall be powered by an LPS power supply.

You can charge the battery in the device using any of these methods.

- Connect the device to vehicle power.
- Connect the device to a compatible power adapter accessory, such as a wall power adapter.

Compatible power adapters must be capable of providing at least 7.5 W to charge the device. To charge the device at the maximum charging speed, the power adapter must be capable of providing at least 15 W. Higher wattage power adapters may be used.

You can purchase a compatible AC-DC adapter suitable for home or office use from a Garmin® dealer.

Device Maintenance

Garmin® Support Center

Go to support.garmin.com for help and information, such as product manuals, frequently asked questions, videos, and customer support.

Map and Software Updates

Before you can update maps and software, you must acquire satellite signals to set the system time ([Acquiring GPS Signals](#), page 8).

For the best navigation experience, you should keep the maps and software on your device up to date.

Map updates provide the newest available changes to roads and locations in the maps used by your device.

Keeping maps up to date helps your device find recently added locations and calculate more accurate routes.

Map updates are large and may take several hours to complete.

Software updates provide changes and improvements to the device features and operation.

You can update your device using two methods.

- You can connect the device to a Wi-Fi® network to update directly on the device (recommended). This option allows you to update your device conveniently without connecting it to a computer.
- You can connect the device to a computer and update it using the Garmin Express™ application (garmin.com/express).

Connecting to a Wi-Fi® Network

The first time you turn on the device, it prompts you to connect to a Wi-Fi network. You can also connect to a Wi-Fi network using the settings menu.

- 1 Select  >  > **Wi-Fi**.
- 2 If necessary, select **Wi-Fi** to enable Wi-Fi technology.
- 3 Select **Search for Networks**.
The device displays a list of nearby Wi-Fi networks.
- 4 Select a network.
- 5 If necessary, enter the password for the network, and select **Done**.

The device connects to the network, and the network is added to the list of saved networks. The device reconnects to this network automatically when it is within range.

Updating Maps and Software Using a Wi-Fi® Network

NOTICE

Map and software updates may require the device to download large files. Regular data limits or charges from your internet service provider apply. Contact your internet service provider for more information about data limits or charges.

You can update the maps and software by connecting your device to a Wi-Fi network that provides access to the internet. This allows you to keep your device up to date without connecting it to a computer.

- 1 Connect the device to a Wi-Fi network ([Connecting to a Wi-Fi® Network](#), page 46).
While connected to a Wi-Fi network, the device checks for available updates. When an update is available,  appears on the  icon in the menu.
- 2 Select  >  > **Updates**.
The device checks for available updates. When an update is available, **Update Available** appears below Map or Software.
- 3 Select an option:
 - To install all available updates, select **Install All**.
 - To install only map updates, select **Map > Install All**.
 - To install only software updates, select **Software > Install All**.
- 4 Read the license agreements, and select **Accept All** to accept the agreements.
NOTE: If you do not agree with the license terms, you can select **Reject**. This stops the update process. You cannot install updates until you accept the license agreements.
- 5 Using the included USB cable, connect the device to external power, and select **Continue** ([Charging the Device](#), page 45).

For the best results, a USB wall charger that provides at least 2 A power output is recommended. Many USB power adapters for smartphones, tablets, or portable media devices may be compatible.

- 6 Keep the device connected to external power and within range of the Wi-Fi network until the update process is complete.

TIP: If a map update is interrupted or canceled before it completes, your device may be missing map data. To repair missing map data, you must update the maps again using either Wi-Fi or Garmin Express™.

Updating Maps and Software with Garmin Express™

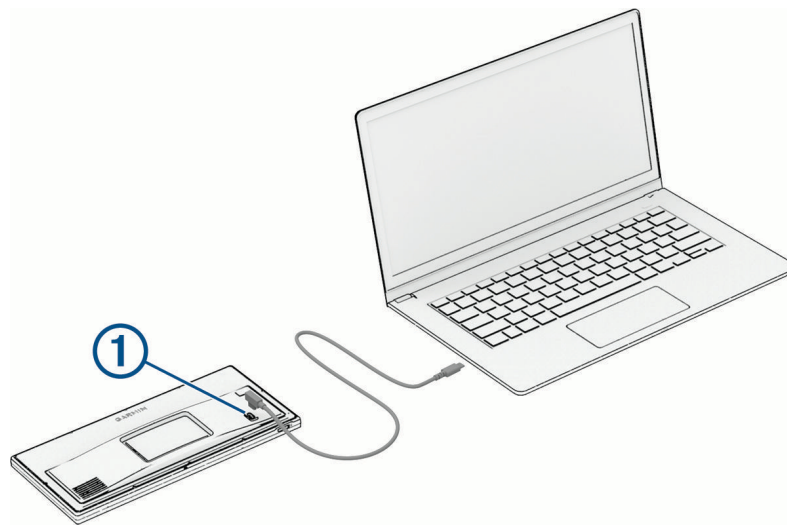
You can use the Garmin Express application to download and install the latest map and software updates for your device.

- 1 If you do not have the Garmin Express application installed on your computer, go to garmin.com/express and follow the on-screen instructions to install it (*Installing Garmin Express™*, page 48).

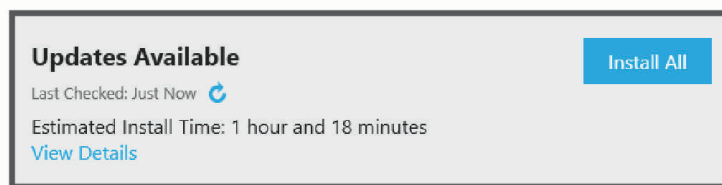
- 2 Open the  Garmin Express application.

- 3 Connect your device to your computer using a USB cable.

The small end of the cable connects to the USB port  on your Garmin Drive™ device, and the large end connects to an available USB port on your computer.



- 4 From your Garmin Drive device, select **Tap to Connect to Computer**.
- 5 In the Garmin Express application, click **Add a Device**.
The Garmin Express application searches for your device and displays the device name and serial number.
- 6 Click **Add Device**, and follow the on-screen instructions to add your device to the Garmin Express application.
When setup is complete, the Garmin Express application displays the updates available for your device.



- 7 Select an option:
 - To install all available updates, click **Install All**.
 - To install a specific update, click **View Details**, and click **Install** next to the update you want.

The Garmin Express application downloads and installs the updates onto your device. Map updates are very large, and this process may take a long time on slower internet connections.

NOTE: If a map update is too large for the internal storage of the device, the software may prompt you to install a microSD® card in your device to add storage space (*Installing a Memory Card for Maps and Data*, page 50).

- 8 Follow the on-screen instructions during the update process to finish installing updates.

For example, during the update process, the Garmin Express application may instruct you to disconnect and reconnect your device.

Installing Garmin Express™

The Garmin Express application is available for Windows® and Mac® computers.

- 1 On your computer, go to garmin.com/express.
- 2 Select an option:
 - To view the system requirements and verify the Garmin Express application is compatible with your computer, select **System Requirements**.
 - To install on a Windows computer, select **Download for Windows**.
 - To install on a Mac computer, select **Download for Mac**.
- 3 Open the downloaded file, and follow the on-screen instructions to complete the installation.

Device Care

NOTICE

Avoid dropping your device.

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Never use a hard or sharp object to operate the touchscreen, or damage may result.

Do not expose the device to water.

Cleaning the Outer Casing

NOTICE

Avoid chemical cleaners and solvents that can damage plastic components.

- 1 Clean the outer casing of the device (not the touchscreen) using a cloth dampened with a mild detergent solution.
- 2 Wipe the device dry.

Cleaning the Touchscreen

- 1 Use a soft, clean, lint-free cloth.
- 2 If necessary, lightly dampen the cloth with water.
- 3 If using a dampened cloth, turn off the device and disconnect the device from power.
- 4 Gently wipe the screen with the cloth.

Cleaning the USB Port

- 1 Turn off the device and disconnect the device from power.
- 2 Clean the USB port using a soft, clean, lint-free cloth or cotton swab.
NOTE: If necessary, you can lightly dampen the cloth or cotton swab with isopropyl alcohol.
- 3 Allow the device to dry completely before you connect it to power.

Restarting the Device

You can restart your device if it stops functioning.

Hold the power button for 12 seconds.

Removing the Device, Mount, and Suction Cup

Removing the Device from the Mount

- 1 Press the release tab or button on the mount.
- 2 Tilt the bottom of the device upward, and lift the device from the mount.

Removing the Mount from the Suction Cup

- 1 Turn the device mount to the right or left.
- 2 Apply pressure until the socket on the mount releases the ball on the suction cup.

Removing the Suction Cup from the Windshield

- 1 Flip the lever on the suction cup toward you.

-
- 2 Pull the tab on the suction cup toward you.

Appendix

Installing a Memory Card for Maps and Data

You can install a memory card to increase the storage space for maps and other data on your device. You can purchase memory cards from an electronics supplier. The device supports microSD® memory cards from 8 to 256 GB.

- 1 Locate the map and data memory card slot on your device ([Device Overview, page 5](#)).
- 2 Insert a memory card into the slot.
- 3 Press it in until it clicks.

Data Management

The device has a memory card slot for additional data storage.

NOTE: The device is compatible with Windows® 7 and newer, and Mac® OS 10.7 and newer.

About Memory Cards

You can purchase memory cards from an electronics supplier, or purchase pre-loaded Garmin mapping software (www.garmin.com). Memory cards can be used to store files such as maps and custom POIs.

Connecting the Device to Your Computer

You can connect the device to your computer using a USB-C® cable.

- 1 Plug the USB-C cable into the port on the device.
- 2 Plug the other end of the cable into a port on your computer.
- 3 From your Garmin Drive™ device, select **Tap to Connect to Computer**.

A picture of your device connected to a computer appears on the device screen.

Depending on your computer operating system, the device appears as either a portable device, a removable drive, or a removable volume.

NOTE: Mac® computers do not detect the device by default. You must use Garmin Express™ software to interact with files on your device.

Transferring Data From Your Computer

- 1 Connect the device to your computer ([Connecting the Device to Your Computer, page 50](#)).
Depending on your computer operating system, the device appears as either a portable device, a removable drive, or a removable volume.
- 2 On your computer, open the file browser.
- 3 Select a file.
- 4 Select **Edit > Copy**.
- 5 Browse to a folder on the device.
NOTE: For a removable drive or volume, you should not place files in the Garmin folder.
- 6 Select **Edit > Paste**.

Disconnecting the USB Cable

If your device is connected to your computer as a removable drive or volume, you must safely disconnect your device from your computer to avoid data loss. If your device is connected to your Windows® computer as a portable device, it is not necessary to safely disconnect the device.

- 1 Complete an action:
 - For Windows computers, select the **Safely Remove Hardware** icon in the system tray, and select your device.
 - For Apple® computers, select the device, and select **File > Eject**.
- 2 Disconnect the cable from your computer.

Viewing GPS Signal Status

Hold  for three seconds.

Purchasing Additional Maps

- 1 Go to your device product page at garmin.com.

- 2 Click the **Maps** tab.
- 3 If necessary, select a continent and a map type.
- 4 Select a map.
- 5 Follow the on-screen instructions.

Purchasing Accessories

- Optional accessories are available at garmin.com or from your Garmin® dealer.

European Emission Standards

The European Emission Standards are standards for exhaust emissions that limit the amount of air pollutants that are released from new vehicles sold in Europe.

You can find your vehicle's emission standards in your vehicle's owner's manual, your vehicle registration documents, or printed on your vehicle's door frame. If you are unable to locate the emission standard for your vehicle, you can contact your vehicle dealer or manufacturer for more information.

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