

zūmo[®] 590

Owner's Manual

Models: 010-01232-01



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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.

Installing the Battery

- 1 Rotate the battery cover D-ring counter-clockwise and remove the battery cover.



- 2 Locate the lithium-ion battery in the product box.
- 3 If necessary, insert a microSD™ card ① into the device.



- 4 Insert the battery with its cable on top.
- 5 Insert the battery connector ② into the battery port ③.



- 6 Close the battery cover and secure the battery cover D-ring.

Mounting Your Device in a Motorcycle

About the Powered Mount Cables

WARNING

Garmin® strongly recommends having an experienced installer with the proper knowledge of electrical systems install the device. Incorrectly wiring the power cable can result in damage to the vehicle or the battery and can cause bodily injury.

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

The device must be mounted in a suitable and secure location on your motorcycle, based on available power sources and safe cable routing.



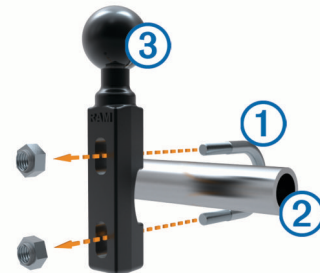
①	Motorcycle cradle
②	Bare wires with inline fuse for power connection (to motorcycle power)

Installing the Handlebar Base

The device includes parts for two handlebar installation solutions. Custom mounts can require additional hardware (<http://www.ram-mount.com>).

Installing the U-bolt and Handlebar Base

- 1 Place the U-bolt ① around the handlebar ②, and thread the ends through the handlebar base ③.

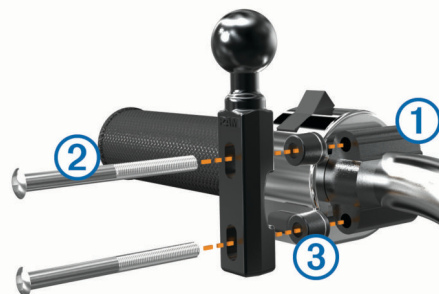


- 2 Tighten the nuts to secure the base.

NOTE: The recommended torque is 50 lbf-in (5.65 N-m). Do not exceed torque of 80 lbf-in (9.04 N-m).

Installing the Handlebar Base to the Clutch-Clamp or Brake-Clamp Brackets

- 1 Remove the two factory bolts on your clutch-clamp or brake-clamp bracket ①.



NOTE: Both 1/4 in. standard and M6 bolts are included. Match the size of the factory bolts on your clutch-clamp or brake-clamp bracket.

- 2 Thread the new bolts ② through the handlebar base, spacers ③, and clutch-clamp or brake-clamp bracket.
- 3 Tighten the bolts to secure the base.

Attaching the Base Plate to the Motorcycle Mount

NOTICE

Direct, sustained contact with the base plate, or any part of the motorcycle, may damage the mount over time. To prevent this kind of damage, you must place the mounting spacers between

the mount and base plate, and make sure that no part of the device or mount touches the motorcycle.

- 1 Thread the M4 x 20 mm panhead screws ① through the washers ②, cradle, spacers ③, and base plate ④.



- 2 Tighten the nuts to secure the base plate.

Attaching the Base Plate to the Handlebar Base

- 1 Align the ball of the handlebar base ① and the ball of the base plate ② with each end of the double-socket arm ③.



- 2 Insert each ball into the double-socket arm.
- 3 Tighten the knob slightly.
- 4 Adjust for optimal viewing and operation.
- 5 Tighten the knob to secure the mount.

Installing Your Device in the Motorcycle Mount

- 1 Fit the bottom of your device into the cradle.



- 2 Tilt the device back until it snaps into place.
- 3 If the latch on top of the mount stays up after you insert the device, press it down.

Mounting Your Device in an Automobile

NOTICE

Before mounting the device, check the local laws pertaining to windshield mounting.

WARNING

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

Do not use the suction cup mount on a motorcycle.

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

- 1 Plug the automotive power cable ① into the connector ② on the mount.



- 2 Remove the clear plastic from the suction cup.
- 3 Clean and dry your windshield and the suction cup with a lint-free cloth.
- 4 Press the suction cup ③ to the windshield, and flip the lever ④ back toward the windshield.
- 5 Snap the cradle ⑤ onto the suction cup arm.
- 6 Fit the bottom of your device into the cradle.
- 7 Tilt the device back until it snaps into place.
- 8 Plug the other end of the automotive power cable into a power outlet.

Removing Your Device from the Motorcycle Mount

- 1 Press the release button on the side of the mount.
- 2 Lift out the device.

Support and Updates

Garmin Express™ provides easy access to these services for Garmin devices. Some services may not be available for your device.

- Product registration
- Product manuals
- Software updates
- Map, chart, or course updates
- Vehicles, voices, and other extras

Setting Up Garmin Express

- 1 Connect the device to your computer using a USB cable.
- 2 Go to www.garmin.com/express.
- 3 Follow the on-screen instructions.

Updating Maps and Software with Garmin Express

You can use Garmin Express software to download and install the latest map and software updates for your device. Map updates provide the latest available mapping data to ensure your device continues to calculate accurate and efficient routes.

to your destinations. Garmin Express is available for Windows® and Mac® computers.

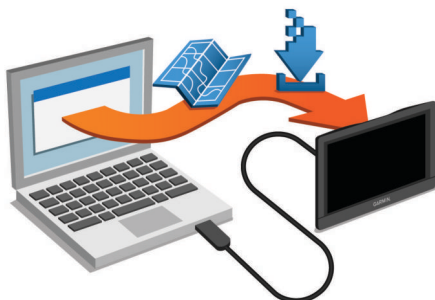
- 1 On your computer, go to www.garmin.com/express.



- 2 Select an option:
 - 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.
- 4 Start Garmin Express.
- 5 Connect your Garmin device to your computer using a USB cable.



- 6 Click **Add a Device**.
The Garmin Express software detects your device.
- 7 Click **Add Device**.
- 8 Follow the on-screen instructions to add your device to the Garmin Express software.
When setup is complete, the Garmin Express software searches for map and software updates for your device.
- 9 Select an option:
 - To install all available updates, click **Install All**.
 - To install a single update, click **View Details** and select an update.



The Garmin Express software 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.

Entering and Exiting Sleep Mode

You can use sleep mode to conserve battery power when your device is not in use. While in sleep mode, your device uses very little power and can wake instantly for use.

TIP: You can charge your device faster by putting it in sleep mode while charging the battery.

Press the power key ①.



Turning Off the Device

- 1 Hold the power key until a prompt appears on the screen.
The prompt appears after five seconds. If you release the power key before the prompt appears, the device enters sleep mode.
- 2 Select **Off**.

Resetting the Device

You can reset your device if it stops functioning.

Hold the power key for 12 seconds.

Adjusting the Screen Brightness

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

Adjusting the Volume

Before you can adjust the volume, you must connect your device to a powered mount or a headset using Bluetooth® wireless technology.

- 1 Select **Volume**.
- 2 Select an option:
 - Use the slider bar to adjust the volume.
 - Select to mute the device.
 - Select for additional options.

Status Bar Icons

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

	GPS signal status
	Bluetooth technology status (appears when Bluetooth is enabled)
	Transportation mode indicator
	Current time
	Battery status
	Connected to Smartphone Link
	Temperature
	Fuel status

Acquiring GPS Signals

To navigate with your device, you must acquire satellites. in the status bar indicates the satellite signal strength. Acquiring satellites can take several minutes.




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

Viewing GPS Signal Status

Hold  for three seconds.

Transportation Modes

Routing and navigation are calculated differently based on your transportation mode. The current transportation mode is indicated by an icon in the status bar.

	Automobile mode
	Motorcycle mode
	Off-road mode

Choosing a Transportation Mode

Select .

Battery Information








After the device is connected to power, it begins to charge.

 in the status bar indicates the status of the internal battery.

Setting the Time






- 1 From the main menu, select the 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.

Using the On-Screen Buttons

- Select  to return to the previous menu screen.
- Hold  to quickly return to the main menu.
- Select  or  to see more choices.
- Hold  or  to scroll faster.
- Select  to see a menu of options for the current screen.

Using the On-Screen Keyboard

See "Language and Keyboard Settings" to change the keyboard layout ([Language and Keyboard Settings](#), page 17).

- Select  to delete a search entry.
- Select  to delete a character.
- Select  to change the keyboard language mode.
- Select  to enter special characters, such as punctuation marks.
- Select  to change character capitalization.

About Shortcuts


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?** > **Add Shortcut**.
- 2 Select an item.

Removing a Shortcut

- 1 Select **Where To?** >  > **Remove Shortcut(s)**.
- 2 Select the shortcut to remove.
- 3 Select the shortcut again to confirm.

Finding Locations

Locations

The detailed maps loaded in your device contain locations, such as restaurants, hotels, auto services, and detailed street information. You can use categories to browse for nearby businesses and attractions. You can also search for addresses, coordinates, cities, and intersections.

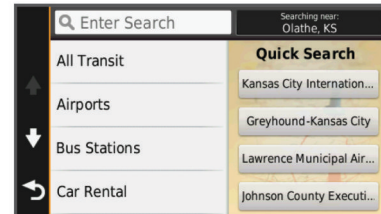
Finding a Location by Category

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

Searching Within a Category

After you have performed a search for a point of interest, certain categories may display a Quick Search list that shows the last four destinations you selected.

- 1 Select **Where To?**.
- 2 Select a category, or select **Categories**.
- 3 Select a category.
- 4 If applicable, select a destination from the Quick Search list.



- 5 If necessary, select the appropriate destination.

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 **Enter Search** 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.

Changing the Search Area

- 1 From the main menu, select **Where To?**.
- 2 Select **Searching Near**.
- 3 Select an option.

Search Tools

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

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 **Searching Near** to change the search area ([Changing the Search Area, page 4](#)).
- 3 Select **Address**.
- 4 Follow the on-screen instructions to enter address information.
- 5 Select the address.

Finding an Intersection

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


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

Finding a City

- 1 Select **Where To? > Categories > Cities**.
- 2 Select **Enter Search**.
- 3 Enter a city name, and select **Q**.
- 4 Select a city.


Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates. This can be helpful when geocaching.

- 1 Select **Where To? > Categories > Coordinates**.
- 2 If necessary, select , and change the coordinate format or datum.
- 3 Enter the latitude and longitude coordinates.
- 4 Select **View on Map**.


Starting a Route by Using the Map

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

- 1 Select **View Map**.
- 2 Drag and zoom the map to display the area to search.
- 3 If necessary, select **Q** to filter the displayed points of interest by category.
Location markers () or a blue dot) appear on the map.
- 4 Select an option:
 - Select a location marker.
 - Select a point, such as a street, intersection, or address location.
- 5 Select **Go!**.

Saving a Home Location

You can set your home location for the location you return to most often.



- 1 Select **Where To? >  > Set Home Location**.
- 2 Select **Enter My Address, Use Current Location, or Recently Found**.

The location is saved as "Home" in the Saved menu.

Going Home

Select **Where To? > Go Home**.

Editing Your Home Location Information

- 1 Select **Where To? > Saved > Home**.
- 2 Select .
- 3 Select  > **Edit**.
- 4 Enter your changes.
- 5 Select **Done**.

Finding Recently Found Destinations

Your device stores the last 50 destinations you have found.

- 1 Select **Where To? > Recent**.

- 2 Select a location.

Clearing the List of Recently Found Locations

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

Finding Parking

- 1 Select **Where To? > Categories > Parking**.
- 2 Select a parking location.


Setting a Simulated Location

If you are indoors or not receiving satellite signals, you can use the GPS to set a simulated location.

- 1 Select **Settings > Navigation > GPS Simulator**.
- 2 From the main menu, select **View Map**.
- 3 Tap the map twice to select an area.
The address of the location appears at the bottom of the screen.
- 4 Select the location description.
- 5 Select **Set Location**.

Saving Locations

Saving a Location

- 1 Search for a location ([Finding a Location by Category, page 4](#)).
- 2 From the search results, select a location.
- 3 Select .
- 4 Select **Save**.
- 5 If necessary, enter a name, and select **Done**.



Saving Your Current Location

- 1 From the map, select the vehicle icon.
- 2 Select **Save**.
- 3 Enter a name, and select **Done**.
- 4 Select **OK**.

Starting a Route to a Saved Location

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category, or select **All Saved Places**.
- 3 Select a location.
- 4 Select **Go!**.

Editing a Saved Location

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category.
- 3 Select a location.
- 4 Select .
- 5 Select  > **Edit**.
- 6 Select an option:
 - Select **Name**.
 - Select **Phone Number**.
 - Select **Categories** to assign categories to the saved location.
 - Select **Change Map Symbol** to change the symbol used to mark the saved location on a map.
- 7 Edit the information.
- 8 Select **Done**.

Assigning Categories to a Saved Location

You can add custom categories to organize your saved locations.

NOTE: Categories appear in the saved locations menu after you have saved at least 12 locations.

- 1 Select **Where To? > Saved**.
- 2 Select a location.
- 3 Select **i**.
- 4 Select **≡ > Edit > Categories**.
- 5 Enter one or more category names, separated by commas.
- 6 If necessary, select a suggested category.
- 7 Select **Done**.

Sharing a Saved Location

After you save a location, you can share it with other compatible Garmin devices using Bluetooth wireless technology or a memory card.

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category.
- 3 Select a location.
- 4 Select **i**.
- 5 Select **≡ > Share**.
- 6 Follow the on-screen instructions to share location information.

Deleting a Saved Location

NOTE: Deleted locations cannot be recovered.

- 1 Select **Where To? > Saved**.
- 2 Select **≡ > Delete Saved Places**.
- 3 Select the box next to the saved locations to delete, and select **Delete**.

Navigation

Starting a Route

- 1 Search for a location ([Locations, page 4](#)).
- 2 Select a location.
- 3 Select **Go!**.

Changing the Route Calculation Mode

The route calculation is based on road speeds and vehicle acceleration data for a given route. The calculation mode affects only automobile routes.

- 1 Select **Settings > Navigation > Calculation Mode**.
- 2 Select an option:
 - Select **Faster Time** to calculate routes that are faster to drive but can be longer in distance.
 - Select **Curvy Roads** to calculate routes that avoid highways and use curvy roads.
 - Select **Off Road** to calculate point-to-point routes (without roads).
 - Select **Shorter Distance** to calculate routes that are shorter in distance but can take more time to drive.

Previewing Multiple Routes

- 1 Search for a location ([Finding a Location by Category, page 4](#)).
- 2 From the search results, select a location.
- 3 Select **Routes**.
- 4 Select a route.

Starting a Route to a Saved Location

- 1 Select **Where To? > Saved**.
- 2 If necessary, select a category, or select **All Saved Places**.
- 3 Select a location.
- 4 Select **Go!**.

Taking a Route Using Curvy Roads

Your device can calculate routes that prefer curvy roads. This feature can provide a more enjoyable ride, but it may increase the time or distance to your destination.

NOTE: This feature is not available on all device models. This feature is dependent on your map region.

- 1 Select **Settings > Navigation > Calculation Mode > Curvy Roads > Save**.
- 2 Start a route.

Your Route on the Map

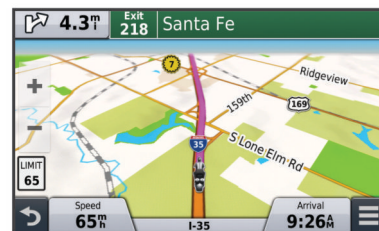
NOTICE

The speed limit feature is for information only and does not replace your responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin will not be responsible for any traffic fines or citations you receive for failing to follow all applicable traffic laws and signs.

The route is marked with a magenta line. A checkered flag marks your destination.

As you travel, the device guides you to the destination with voice prompts, arrows on the map, and directions at the top of the map. If you depart from the original route, the device recalculates the route and provides new directions.

A data field displaying the current speed limit may appear as you travel on major roadways.



Using the Map

- 1 Select **View Map**.
- 2 Select anywhere on the map.
- 3 Select an option:
 - To zoom in or out, select **+** or **-**.
 - To switch between North Up and 3-D views, select **▲**.
 - To view specific categories, select **Q**.

Adding a Point to a Route

Before you can add a point, you must be navigating a route.

- 1 From the map, select **➔ > Where To?**.
- 2 Search for a location.
- 3 Select a location.
- 4 Select **Go!**.
- 5 Select **Add to Active Route**.

Skipping a Point in Your Route

Before you can skip a point in your route, you must be navigating a route and you must add the skip tool to the map tools menu ([Customizing the Map Tools, page 16](#)).


If you decide not to go to the next point in your route, you can skip the point. This prevents the device from attempting to route you back to the missed point. This feature is not available when the next point is your final destination.

From the map, select **≡ > Skip**.


Taking a Detour

Before you can take a detour, you must be navigating a route and you must add the change route tool to the map tools menu ([Customizing the Map Tools](#), page 16).

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  > **Change 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**.

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 17).







Using the myTrends™ 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.


About Up Ahead

You can view upcoming businesses and services along your route or the road on which you are traveling.

Services are listed under tabs by category.

	Gas
	Food
	Lodging
	Restrooms
	Parking
	Banks and ATMs

Finding Upcoming Points of Interest

- 1 From the map, select  > **Up Ahead**.
- 2 Select a tab.
- 3 Select a point of interest.

Avoiding Road Features

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

About Custom Avoidances

Custom avoidances allow you to avoid specific areas and sections of road. You can enable and disable custom avoidances as needed.

Avoiding an Area

- 1 Select **Settings > 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**.

Avoiding a Road



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

Disabling a Custom Avoidance

You can disable a custom avoidance without deleting it.

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

Deleting Custom Avoidances

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


Navigating Off Road

If you are not following roadways as you navigate, you can use Off Road mode.

- 1 Select **Settings > Navigation**.
- 2 Select **Calculation Mode > Off Road > Save**.

The next route will be calculated as a straight line to the location.

Fuel Tracking

You can set your device to estimate your fuel usage, warn you when you approach the maximum estimated fuel distance, and suggest fuel stops based on your estimated fuel range. When fuel tracking is enabled,  indicates the current fuel status.

White: Fuel tracking is disabled, or the device is not connected to the motorcycle mount.

Green: The estimated fuel range is above the fuel tank warning level.

Orange: The estimated fuel range is below the fuel tank warning level.

Red: The estimated distance remaining on the tank is 0.

Enabling Fuel Tracking

Before you can enable fuel tracking, the device must be in motorcycle mode or off road mode and placed in the motorcycle mount.

When you enable fuel tracking, a fuel gauge appears on the trip computer ([Viewing the Trip Information Page](#), page 8).

- 1 Fill your fuel tank.
- 2 Select **Apps > Fuel Settings > Fuel Tracking**.
- 3 Select **Distance Per Tank**.
- 4 Enter the distance the vehicle travels on a tank of gas and select **Done**.

Setting a Low Fuel Warning

You can set the device to warn you when the tank is low on fuel.

NOTE: The device must be connected to the motorcycle mount to give low fuel warnings.

- 1 Enable fuel tracking ([Enabling Fuel Tracking](#), page 7).
- 2 Select **Fuel Tank Warning**.

3 Enter a distance, and select **Done**.

When you have only enough fuel left to travel the distance you entered, a low fuel warning appears on the map page.

Resetting the Fuel Tank Mileage

When you refill your fuel tank, you should reset the fuel tank mileage on your device to more accurately track your remaining fuel.

Select **Apps > Fuel Settings > Reset Fuel Tank**.

Enabling Dynamic Fuel Stops

Before you can enable dynamic fuel stops, the device must be in motorcycle mode, placed in the motorcycle mount, and fuel tracking must be enabled.

You can set the device to suggest fuel stops based on your estimated fuel range.

Select **Apps > Fuel Settings > Dynamic Fuel Stops**.

Map Pages

Customizing the Map

Customizing the Map Layers

You can customize which data appear on the map, such as icons for points of interest and road conditions.

1 Select **Settings > Map & Vehicle > Map Layers**.

2 Select the layers to include on the map, and select **Save**.

Viewing the Trip Log

Your device keeps a trip log, which is a record of the path you have traveled.

1 Select **Settings > Map & Vehicle > Map Layers**.

2 Select the **Trip Log** check box.

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.

3 Select **Save**.

Changing the Map Perspective

1 Select **Settings > Map & Vehicle > 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.

Viewing Route Activity

Viewing a List of Turns

While navigating a route, you can view all of the turns and maneuvers for your entire route and the distance between turns.

1 While navigating a route, select the text bar on the top of the map.

2 Select a turn.

The details for the turn appear. If available, an image of the junction appears for junctions on major roadways.

Viewing the Entire Route on the Map

1 While navigating a route, select the navigation bar at the top of the map.

2 Select **≡ > Map**.

Viewing the Next Turn

While navigating a route, a preview of the next turn, lane change, or other maneuver appears in the upper-left corner of the map.

The preview includes the distance to the turn or maneuver and the lane in which you should be traveling, if available.

From the map, select **0.5m** to view the next turn on the map.

Viewing Junctions

While navigating a route, you can view the junctions on major roadways. When you approach a junction in a route, the image of that junction appears briefly, if available.

From the map, select **0.5m** to view the junction, if available.

Viewing Traffic Alerts

While navigating a route, a traffic alert may appear in the navigation bar.

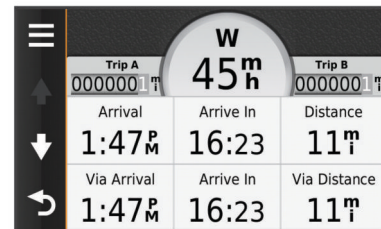
Select the alert to view more information.

Viewing the Trip Information Page

The trip information page displays your present speed and provides statistics about your trip.

NOTE: If you make frequent stops, leave the device turned on, so it can accurately measure elapsed time during the trip.

From the map, select **Speed**.



W 45m		
Trip A 000000 1m		Trip B 000000 1m
Arrival 1:47M	Arrive In 16:23	Distance 11m
Via Arrival 1:47M	Arrive In 16:23	Via Distance 11m

Resetting Trip Information

1 From the map, select **Speed**.

2 Select **≡ > Reset Field(s)**.

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 Trip Data** to reset the information on the trip computer.
- Select **Reset Max. Speed** to reset the maximum speed.
- Select **Reset Trip B** to reset the odometer.

Viewing Current Location Information

You can use the Where Am I? page to view information about your current location. This feature is helpful if you need to tell emergency personnel your location.

From the map, select the vehicle.

Finding Nearby Services

You can use the Where Am I? page to find nearby services, such as fuel, hospitals or police stations.

1 From the map, select the vehicle.

2 Select a category.

Getting Directions to Your Current Location

If you need to tell another person how to get to your current location, your device can give you a list of directions.

1 From the map, select the vehicle.

2 Select **≡ > Directions to Me**.

3 Select a starting location.

4 Select **Select**.

Hands-Free Features

You can connect your device to a wireless headset and listen to navigation voice prompts through the headset. While connected to a headset, you can connect to a mobile phone to make and receive calls using the device and your headset.

Enabling Bluetooth Wireless Technology

- 1 Select **Settings > Bluetooth**.
- 2 Select **Bluetooth**.

About Wireless Headsets

Using wireless technology, your device can send audio navigation prompts to a wireless headset. For more information, go to <http://www.garmin.com/bluetooth>.

Pairing a Wireless Headset

NOTE: Only one headset can receive navigation prompts and phone calls at a time. Up to two headsets can be used for multimedia audio.

- 1 Place your headset and your Bluetooth device within 33 ft. (10 m) of each other.
- 2 On your device, enable Bluetooth wireless technology.
- 3 On your headset, enable Bluetooth wireless technology and make it visible to other Bluetooth devices.
- 4 On your device, select **Settings > Bluetooth**.
- 5 Follow the on-screen instructions.

After the pairing process is complete, you can enable or disable features for your paired wireless headset ([Enabling or Disabling Headset Features](#), page 9).

Enabling or Disabling Headset Features

You can enable or disable features for your paired Bluetooth headset.

- 1 Select **Settings > Bluetooth**.
- 2 Select your paired Bluetooth headset.
- 3 Select one or more options:
 - To hear phone and navigation prompts through your headset, select **Phone, Navigation**.
 - To hear media playback through your headset, select **Media**.

About Hands-Free Calling

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

Using Bluetooth wireless technology, your device can connect to your mobile phone and wireless headset or helmet to become a hands-free device. To determine whether your device with Bluetooth technology is compatible with your device, go to www.garmin.com/bluetooth.

Pairing Your Phone

- 1 Place your phone and your zūmo device within 33 ft. (10 m) of each other.
- 2 On your phone, enable Bluetooth wireless technology, and set the phone to be discoverable.
- 3 On your zūmo device, select **Settings > Bluetooth**.
- 4 Follow the on-screen instructions on your phone and your zūmo device.

After the pairing process is complete, you can enable or disable features for your paired smartphone ([Enabling or Disabling Smartphone Features](#), page 9).

Enabling or Disabling Smartphone Features

You can enable or disable features for your paired smartphone.

- 1 Select **Settings > Bluetooth**.
- 2 Select your paired smartphone.
- 3 Select one or more options:
 - To place or receive phone calls through your zūmo device, select **Phone calls**.
 - To connect to the Smartphone Link app on your smartphone, select **Smartphone Link** ([Smartphone Link](#), page 10).
 - To control media playback on your smartphone using your zūmo device, select **Media** ([Media Player](#), page 11).
 - To control Pandora® Internet radio playback on your smartphone using your zūmo device, select **Pandora®** ([Pandora Service](#), page 11).

Placing a Call

Dialing a Number

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

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 **Apps > Phone > Phone Book**.
- 2 Select a contact.
- 3 Select **Call**.

Calling a Location

- 1 Select **Apps > Phone > Browse Categories**.
- 2 Select a point of interest.
- 3 Select **Call**.

Receiving a Call

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


Using 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.

- 1 Select **Apps > Phone > Call History**.
- 2 Select a category.

A list of calls appears, with the most recent calls at the top.
- 3 Select a call.


Using In-Call Options

- 1 From the map, while on a call, select .
- 2 Select an option.
 - To transfer audio to your phone, select **Handset**.

TIP: You can use this feature if you want to turn off your device and remain on the call, or if you need privacy.
 - To mute the microphone, select **Mute**.
 - To hang up, select **End Call**.

Saving a Home Phone Number

TIP: After you save a home number, you can edit the home number by editing "Home" in your list of saved locations ([Editing a Saved Location](#), page 5).

- 1 Select **Apps > Phone >  > Set Home Number**.

- 2 Enter your phone number.
- 3 Select **Done**.

Calling Home

Before you can call home, you must enter a phone number for your home location.

Select **Apps > Phone > Call Home**.

Pairing Additional Bluetooth Devices

- 1 Place your headset or phone and your Bluetooth device within 33 ft. (10 m) of each other.
- 2 On your device, enable Bluetooth wireless technology.
- 3 On your headset or phone, enable Bluetooth wireless technology and make it visible to other Bluetooth devices.
- 4 On your device, select **Settings > Bluetooth > Search for Devices**.
A list of nearby Bluetooth devices appears.
- 5 Select your headset or phone from the list.
- 6 Select **OK**.

Deleting a Paired Bluetooth Device

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

- 1 Select **Settings > Bluetooth**.
- 2 Select the device to delete.
- 3 Select **Unpair device**.

Using the Apps

Using Help

Select **Apps > Help** to view information about using the device.

Searching Help Topics

Select **Apps > Help > Q**.

Smartphone Link

Smartphone Link is a phone application that allows you to synchronize location data with your phone and access live information using your phone data connection. Your device transfers data from Smartphone Link using Bluetooth wireless technology. Live information is available through free and subscription-based plans from Garmin Live Services ([Garmin Live Services](#), page 10).

Saved locations and recently found locations are synchronized with your phone each time your device connects to Smartphone Link.

Downloading Smartphone Link

Smartphone Link is available for some smartphones. Go to www.garmin.com/smartphonelink or see the application store for your phone for compatibility and availability information.

Download Smartphone Link from the application store on your supported phone.

See your phone owner's manual for information on downloading and installing applications.

Connecting to Smartphone Link

Before you can connect to Smartphone Link, you must download and install the Smartphone Link application on your phone.

- 1 Start Smartphone Link on your phone.
- 2 From your device, select **Settings > Bluetooth**.
- 3 Select the **Bluetooth** check box.

- 4 From your phone, enable Bluetooth wireless technology, and scan for nearby Bluetooth devices.
See your phone owner's manual for more information.
- 5 From your phone, select your device from the list of nearby devices.
- 6 Follow the on-screen instructions on your phone and on your device to confirm the pairing request.
⌘ appears in the status bar on your device when Smartphone Link is connected.

Garmin Live Services

Before you can use Garmin Live Services, your device must be connected to a supported phone running Smartphone Link ([Connecting to Smartphone Link](#), page 10).

Connecting to Smartphone Link provides access to Garmin Live Services. Garmin Live Services provides free and subscription-based plans to view live data on your device, such as traffic conditions and weather.

Some services, like weather, are available as separate apps on your device. Other services, like traffic, enhance the existing navigation features on your device. Features that require access to Garmin Live Services display the Smartphone Link symbol and appear only when the device is connected to Smartphone Link.

Subscribing to Garmin Live Services

Before you can subscribe to Garmin Live Services, you must install the Smartphone Link app on your phone.

- 1 Start the Smartphone Link app on your phone ([Connecting to Smartphone Link](#), page 10).
- 2 Select **My Account**.
A list of services and subscription prices appears.
- 3 Select a service.
- 4 Select the price.
- 5 Select **Subscribe**.
- 6 Follow the on-screen instructions.

Planning a Trip

You can use the trip planner to create and save a trip with multiple destinations.

- 1 Select **Apps > Trip Planner**.
- 2 Select **New Trip**.
- 3 Select **Select Start Location**.
- 4 Search for a location ([Finding a Location by Category](#), page 4).
- 5 Select **Select**.
- 6 To add additional locations, select **+**.
- 7 Select **Next**.
- 8 Select **Save**.
- 9 Enter a name, and select **Done**.

Scheduling a Trip


You can use the trip planner to create and save a trip with multiple destinations.

- 1 Select **Apps > Trip Planner**.
- 2 Select a trip.
- 3 Select a location.
- 4 Select an option:
 - Select **Departure Time**.
 - Select **Arrival Time**.
- 5 Select a date and time, and select **Save**.
- 6 Select **Duration**.

- 7 Select the amount of time you will spend at the location, and select **Save**.
- 8 If necessary, repeat steps 3–7 for each location.

Changing Transportation Modes in a Trip


You can change the transportation modes used to travel in a saved trip.

- 1 Select **Apps > Trip Planner**.
- 2 Select a trip.
- 3 Select  > **Transportation Mode**.
- 4 Select a transportation mode.
- 5 Select **Save**.

Navigating to a Saved Trip


- 1 Select **Apps > Trip Planner**.
- 2 Select a saved trip.
- 3 Select **Go!**.
- 4 Select your next destination, and select **Start**.

Editing a Saved Trip

- 1 Select **Apps > Trip Planner**.
- 2 Select a saved trip.
- 3 Select .
- 4 Select an option:
 - Select **Rename Trip**.
 - Select **Edit Destinations** to add and delete a location, or to change the order of locations.
 - Select **Delete Trip**.
 - Select **Optimize Order** to arrange the stops on your trip in the most-efficient order.

Sharing Trips

You can share trips with compatible Garmin devices using Bluetooth wireless technology.

- 1 Place your device within 33 ft. (10 m) of a compatible Garmin device.
- 2 Select **Apps > Trip Planner >  > Share > Bluetooth**.
- 3 Select a trip and select **Done**.
- 4 Select a device from the list and select **OK**.









Creating a Round-Trip Route

The device can create a round-trip route using a specified starting location and a distance, duration, or destination.

- 1 From the home screen, select **Apps > Round Trip**.
- 2 Select **Start Location**.
- 3 Select a location, and select **Select**.
- 4 Select **Trip Attributes**.
- 5 Select an option:
 - Select **Choose a Distance** to plan your route by distance.
 - Select **Choose a Duration** to plan your route based on time.
 - Select **Choose a Destination** to plan your route based on a specified location.
- 6 Enter a distance, duration, or destination.
- 7 Select an option:
 - If you entered a distance or duration, select **Done > Calculate**.
 - If you selected a destination, select **Select**.
- 8 Select a route, and select **Go!**.


Media Player

The media player can be used only when music can be played in good stereo quality. When a non-A2DP headset is used, the media player cannot be started.

	Select to play the current track.
	Select to adjust the volume.
	Select once to play the current song from the beginning. Select twice to play the previous song in the playlist. Hold to rewind the current track.
	Select to skip to the next track. Hold to fast forward through the current track.
	Select to pause the current track.
	Select to repeat the playlist.
	Select to shuffle the playlist.
	Select to change the media source.

Changing the Media Source

You can change the source from which media is played on your device.

- 1 Select **Apps > Media Player > **.
- 2 Select a media source.

Pandora Service

Pandora is free personalized radio that offers effortless and endless music enjoyment and discovery. Pandora integration requires a compatible mobile device with the Pandora application installed. For more information on compatible mobile devices visit www.pandora.com/everwhere/mobile.

NOTE: Pandora is currently available in the United States, Australia, and New Zealand.

Downloading the Pandora Application






Before you can use the Pandora service on your device, you must download and install the Pandora app to your smartphone.

- 1 On your compatible smartphone, open the application store and search for Pandora.
- 2 Install the Pandora app.


See the owner's manual for your smartphone or mobile media device for more information.

Using Pandora

Before you can use the Pandora service, you must pair your compatible smartphone with your device ([Pairing Your Phone](#), page 9).

- 1 On your device, select **Apps > Pandora®**.
- 2 Connect your compatible smartphone to your device.
- 3 Launch the Pandora application on your smartphone.
- 4 On your zūmo device, select an option:
 - To play a song, select .
 - To pause a song, select .
 - To skip a song, select .
 - If you like a song, select  to hear more songs like it.
 - If you dislike a song, select  to prevent it from being played in the future.


Changing Stations

- 1 Select **Apps > Pandora®**.
- 2 Select .
- 3 Select a station.

Tracks

A track is a recording of your path. The track log contains information about the recorded path, including time, location, and elevation information.

Viewing Track Information

- 1 Select **Apps > Tracks > Active**.
- 2 Select a track.
The track is displayed on the map.
- 3 Select .
- 4 Select an option:
 - To save the track, select **Save Track**.
 - To save the track as a trip, select **Save as Trip**.
 - To view an elevation plot of the track, select **Elevation Profile**.

TracBack®


Following Your Recent Track

The TracBack feature records a track of your recent movement. You can retrace your recent track back to where you started.

- 1 Select **Apps > TracBack**.
Your recent track appears on the map.
- 2 Select **Go!**.

Saving Your Recent Track as a Trip

You can save your recent track as a trip, which you can navigate later using the trip planner (*Navigating to a Saved Trip*, page 11).

- 1 Select **TracBack**.
Your recent track appears on the map.
- 2 Select  > **Save as Trip**.
- 3 Enter a name, and select **Done**.

Tire Pressure

WARNING

Use of the Tire Pressure Monitor System is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger the low tire pressure alert. Failure to maintain proper tire pressure can result in loss of control of the vehicle, which may lead to serious personal injury or death.

The Garmin Tire Pressure Monitor System is available as a separate accessory. The tire pressure feature is not compatible with all zūmo models. Go to www.garmin.com/zumo for accessory and compatibility information.

Setting Up the Tire Pressure Sensors

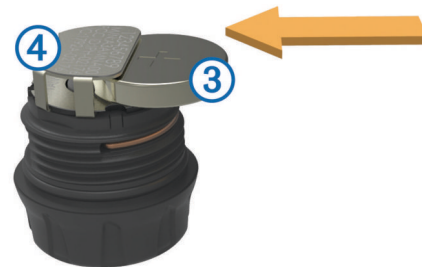
Before you can set up the tire pressure sensors, you must have the battery and the numerical stickers included with each sensor. You also must have a compatible zūmo device.

The sensors communicate wirelessly with your compatible zūmo device. You can monitor tire pressure and receive low-pressure alerts on your zūmo device.

- 1 Remove the cap ① from the sensor ② by rotating the cap counter-clockwise.



- 2 If you have already installed the battery in the sensor, remove the battery.
- 3 On your zūmo device, select **Apps > Tire Pressure**.
- 4 Select a vehicle profile that matches the tire configuration of your vehicle.
- 5 Bring the sensor close to the zūmo device.
- 6 On your zūmo device, select the number next to the tire to which the sensor will be paired.
- 7 Within 30 seconds, on the sensor, insert the battery ③ into the battery holder ④ with the positive side facing up.



The zūmo device searches for the sensor and displays a confirmation message when the sensor pairs successfully.

TIP: If the sensor does not pair successfully, you should remove the sensor battery, and repeat steps 6 and 7.

- 8 Enter the recommended pressure for the tire.
- 9 Enter the minimum pressure for the tire.
The zūmo device triggers a low-pressure alert when the sensor reports a tire pressure reading lower than this value.
- 10 Replace and fully tighten the cap on the sensor.
- 11 On the sensor, affix the numerical sticker that corresponds to the tire number you selected in step 6.
- 12 Repeat this procedure for each remaining sensor.

Installing the Sensors on Your Tires

WARNING

The Tire Pressure Monitor System is for use with metal tire valve stems only. Installation of the Tire Pressure Sensors on non-metal tire valve stems may cause tire and/or tire valve stem damage which could result in serious personal injury or death.

NOTICE

To prevent possible damage to the sensors or vehicle, ensure each installed sensor does not interfere with the vehicle brakes, suspension components, or other installed equipment. If an installed sensor interferes with any installed equipment on the vehicle, do not operate the vehicle with the sensor installed.

To prevent possible tire vibration or uneven tire wear on some vehicles, it may be necessary to balance the vehicle tires after installing the sensor.




Before you install the sensors on your tires, you should set up the sensors with your zūmo device.

- 1 Remove the existing valve stem caps from your vehicle tires.
- 2 On your zūmo device, select **Apps > Tire Pressure** to view the vehicle profile diagram.
- 3 Install the sensors onto the tire valve stems by tightening them clockwise.
NOTE: You must install each sensor onto the correct tire based on the vehicle profile diagram and the numerical stickers affixed to the sensors during the setup process.
- 4 Rotate the wheels by hand to verify the sensors have adequate clearance and do not interfere with vehicle equipment.

Tire Pressure Alerts

The device alerts you using pop-up messages, icons on the map, and symbols in the tire pressure app.

When an alert exists for a sensor, the number next to the corresponding tire appears red in the tire pressure app. The symbols below the number appear red to indicate the active alerts for that sensor.

	Low tire pressure
	Low sensor battery
	Sensor not connected

Tire Pressure Sensor Sleep Mode

When you park your vehicle and turn off your zūmo device, the tire pressure sensor enters a power-saving sleep mode after several minutes. The sensor does not transmit information to the zūmo device while in sleep mode. This can cause your zūmo device to report the sensor is disconnected.

The next time your vehicle moves, the sensor exits sleep mode and automatically reconnects to the zūmo device. It may take up to 30 seconds to reconnect.

Using the Compass

NOTE: You must be moving for the compass to determine your direction.

You can navigate using a GPS compass.

Select **Apps > Compass**.

VIRB Remote

The VIRB® remote function allows you to control your VIRB action camera from a distance. Go to www.garmin.com/VIRB to purchase a VIRB action camera.

Controlling a VIRB Action Camera

Before you can use the VIRB remote function, you must enable the remote setting on your VIRB camera. See the *VIRB Series Owner's Manual* for more information.

- 1 Turn on your VIRB camera.
- 2 On your zūmo device, select **Apps > VIRB Remote > Connect**.
- 3 Wait while the device connects to your VIRB camera.
- 4 Select an option:
 - Select **Start Recording** to record video.
 - Select **Stop Recording** to stop recording video.
 - Select **Snapshot** to take a photograph.

Finding Your Last Parking Spot

When you disconnect the device from vehicle power while the device is on, your current location is saved as a parking spot.

Select **Apps > Last Spot**.

Viewing Previous Routes and Destinations

Before you can use this feature, you must enable the travel history feature ([Device and Privacy Settings, page 17](#)).

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


Select **Apps > Where I've Been**.

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 13](#)).


- 1 Select **Apps > Service History**.
- 2 Select a service category.
- 3 Select **Add Record**.
- 4 Enter the odometer reading, and select **Next**.
- 5 Enter a comment (optional).
- 6 Select **Done**.

Adding Service Categories


- 1 Select **Apps > Service History**.
- 2 Select  **> Add Category**.
- 3 Enter a category name, and select **Done**.

Deleting Service Categories


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

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

Renaming Service Categories

- 1 Select **Apps > Service History**.
- 2 Select the category to be renamed.
- 3 Select  **> Rename Category**.
- 4 Enter a name, and select **Done**.

Deleting Service Records

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

Viewing the Weather Forecast

Before you can use this feature, your device must be connected to a supported phone running Smartphone Link ([Connecting to Smartphone Link, page 10](#)). This feature is not available in all areas.

1 Select **Apps > Weather**.

2 Select a day.

The detailed forecast for that day appears.

Viewing Weather Near a Different City

1 Select **Apps > Weather > Current Location**.

2 Select an option:

- To view weather for a favorite city, select a city in the list.
- To add a favorite city, select **Add City**, and enter a city name.

Viewing the Weather Radar

Before you can use this feature, you must purchase Advanced Weather service using Smartphone Link.

You can view an animated, color-coded radar map of current weather conditions, as well as a weather icon on the map. The weather icon changes to show weather in the vicinity, such as rain, snow, and thunderstorms.

1 Select **Apps > Weather**.

2 If necessary, select a city.

3 Select  > **Weather Radar**.

Viewing Weather Alerts

Before you can use this feature, you must purchase Advanced Weather service using Smartphone Link.

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 **Apps > Weather**.

2 If necessary, select a city.

3 Select  > **Weather Alerts**.

Checking Road Conditions

Before you can use this feature, you must purchase Advanced Weather service using Smartphone Link.

1 Select **Apps > Weather**.

2 If necessary, select a city.

3 Select  > **Road Conditions**.

Viewing myGarmin Messages

Before you can use this feature, your device must be connected to a supported phone running Smartphone Link ([Connecting to Smartphone Link](#), page 10). This feature is not available in all areas.

You can view messages from myGarmin, such as notifications for software and map updates.

1 Select **Apps > myGarmin**.

If you have unread messages, the number of unread messages appears on the myGarmin icon.

2 Select a message subject.

The full message appears.

Traffic

NOTICE

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

Traffic information may not be available in all areas or countries. For information about traffic and coverage areas, go to www.garmin.com/traffic.

- Traffic alerts appear on the map when there are traffic incidents along your route or in your area.

- The device must be connected to Smartphone Link with an active traffic subscription to receive traffic information.

Traffic on Your Route

When a traffic delay occurs on your route, an alert appears on the map, and the device calculates an alternate route to avoid the delay. You can choose whether to use alternate routes automatically, or upon request. See Traffic Settings for more information ([Traffic Settings](#), page 16). Your device may route you through a traffic delay if a better alternative route does not exist. The delay time is added into your estimated time of arrival automatically.

Viewing Upcoming Traffic

You can view traffic incidents coming up along your route or along the road on which you are traveling.

1 While navigating a route, select  > **Traffic**.

The nearest upcoming traffic incident appears in a panel on the right side of the map.

2 Select the traffic incident to view additional details.

Avoiding Traffic Delays on Your Route

Before you can avoid traffic delays, you must be receiving traffic information.

By default, the device optimizes your route to avoid traffic delays automatically. If you have disabled this option in the traffic settings ([Traffic Settings](#), page 16), you can view and avoid traffic delays manually.

1 While navigating a route, select  > **Traffic**.


2 Select **Alternate Route**, if available.

3 Select **Go!**.

Viewing Traffic on the Map

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

1 From the main menu, select **Apps > Traffic**.

2 If necessary, select  > **Legend** to view the legend for the traffic map.

Traffic in Your Area

Searching for Traffic Incidents

1 From the main menu, select **Apps > Traffic**.

2 Select  > **Incidents**.

3 Select an item in the list.

4 If there is more than one incident, use the arrows to view additional incidents.


Viewing a Traffic Incident on the Map

1 From the traffic map, select .

2 Select an incident.

Understanding Traffic Data

The traffic legend explains the icons and colors used on the traffic map.

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

2 Select **Legend**.

About Traffic Cameras

Traffic cameras provide live images of traffic conditions on major roadways and intersections. You can save cameras that you want to view regularly.

Saving a Traffic Camera

Before you can use this feature, you must subscribe to the photoLive service, and your device must be connected to a

supported phone running Smartphone Link ([Smartphone Link](#), page 10).

This feature is not available in all areas.

- 1 Select **Apps** > **photoLive**.
- 2 Select **Touch to Add**.
- 3 Select a road.
- 4 Select an intersection.
- 5 Select **Save**.

Viewing a Traffic Camera

Before you can view a traffic camera, you must save a traffic camera ([Saving a Traffic Camera](#), page 14).

- 1 Select **Apps** > **photoLive**.
- 2 Select a camera.

trafficTrends™

When the trafficTrends feature is enabled, your device uses historic traffic data to calculate more-efficient routes.

NOTE: Different routes may be calculated based on traffic trends for the day of the week or the time of day.

Disabling trafficTrends

To prevent your device from recording or sharing traffic data, you must disable trafficTrends.

Select **Settings** > **Traffic** > **trafficTrends**.

Enabling Traffic

You can enable or disable traffic data. When traffic data is disabled, the device does not receive traffic data, but it still avoids potentially congested areas in routes using the trafficTrends feature, if enabled ([trafficTrends™](#), page 15).

- 1 Select **Settings** > **Traffic**.
- 2 Select the **Traffic** check box.

Data Management

Data Management

You can store files on your device. The device has a memory card slot for additional data storage.

NOTE: The device is not compatible with Windows 95, 98, Me, Windows NT®, and Mac OS 10.3 and earlier.

File Types

The device supports these file types.

- Maps and GPX waypoint files from myGarmin™ mapping software, including MapSource® and BaseCamp™ ([Custom Points of Interest](#), page 18).
- GPI custom POI files from Garmin POI Loader ([Installing POI Loader](#), page 18).
- MP3 audio files.

About Memory Cards

You can purchase memory cards from an electronics supplier, or purchase pre-loaded Garmin mapping software (www.garmin.com). In addition to map and data storage, the memory card can be used to store files such as maps, images, geocaches, routes, waypoints, and custom POIs.

Installing a Memory Card

NOTE: The device supports microSD, microSDHC, and microSDXC memory cards. It does not support exFAT. Memory cards must be formatted as FAT32.

- 1 Remove the back cover and the battery from the device.
- 2 Insert a memory card into the slot on the device.

- 3 Press it in until it clicks.

Connecting the Device to Your Computer

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

- 1 Plug the small end of the USB cable into the port on the device.
- 2 Plug the larger end of the USB cable into a port on your 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.

Transferring Data From Your Computer

- 1 Connect the device to your computer ([Connecting the Device to Your Computer](#), page 15).

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.

- 1 Complete an action:
 - For Windows computers, select the **Safely Remove Hardware** icon in the system tray, and select your device.
 - For Mac computers, drag the volume icon to the trash.
- 2 Disconnect the cable from your computer.

Deleting Files

NOTICE

If you do not know the purpose of a file, do not delete it. Your device memory contains important system files that should not be deleted.

- 1 Open the **Garmin** drive or volume.
- 2 If necessary, open a folder or volume.
- 3 Select a file.
- 4 Press the **Delete** key on your keyboard.

Customizing the Device

Map and Vehicle Settings

To open the Map and Vehicle settings, from the main menu, select **Settings** > **Map & Vehicle**.

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

Go to www.garmin.com for more icons.

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.

Map Theme: Changes the color of the map data.

Map Tools: Sets the shortcuts that appear in the map tools menu.

Map Layers: Sets the data that appears on the map page (*Customizing the Map Layers*, page 8).

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

Audible Speed Alerts: Alerts you when your vehicle is exceeding the speed limit.

NOTE: This feature is not available in all areas.

myMaps: Sets which installed maps the device uses.

Enabling Maps

You can enable map products installed on your device.

TIP: To purchase additional map products, go to <http://buy.garmin.com>.

- 1 Select **Settings > Map & Vehicle > myMaps**.
- 2 Select a map.

Customizing the Map Tools

You can select the shortcuts that appear in the map tools menu.

- 1 Select **Settings > Map & Vehicle > Map Tools**.
- 2 Select the map tools to include in the menu.
- 3 Select **Save**.

Navigation Settings

To open the Navigation settings page, from the main menu, select **Settings > Navigation**.

Calculation Mode: Sets the route calculation method.

Off-Route Recalculation: Sets recalculation preferences when navigating away from an active route.

Avoidances: Sets road features to avoid on a route.

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

Toll Roads: Sets preferences for avoiding toll roads.

Tolls and Fees: Sets preferences for avoiding toll roads and toll stickers.

NOTE: This feature is not available in all areas.

Restricted Mode: Disables all functions that require significant operator attention and could become a distraction while driving.

GPS Simulator: Stops the device from receiving a GPS signal, and saves battery power.

Calculation Mode Settings

Select **Settings > Navigation > Calculation 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.

Off Road: Calculates a direct line from your location to your destination.

Curvy Roads: Calculates routes that prefer curvy roads.

NOTE: This feature is not available in all areas.

Avoiding Toll Roads

- 1 Select **Settings > Navigation**.
- 2 Select an option:

NOTE: The menu changes based on your area and the map data on your device.

- Select **Toll Roads**.

- Select **Tolls and Fees > Toll Roads**.

- 3 Select **Always Ask, Avoid**, or **Allow**, and select **Save**.

Avoiding Toll Stickers

NOTE: This feature is not available in all areas.

The map data on your device may contain detailed toll sticker information for some countries. You can avoid or allow toll stickers for each country.

- 1 Select **Settings > Navigation > Tolls and Fees > Toll Stickers**.
- 2 Select a country.
- 3 Select **Always Ask, Avoid**, or **Allow**, and select **Save**.

Display Settings

To open the Display settings page, from the main menu, select **Settings > Display**.

Orientation: Sets the display to portrait (vertical) or landscape (horizontal).

Color Mode: Sets the device to display day or night colors. You can select Auto to allow the device to automatically set day or night colors based on the time of day.

Brightness: Adjusts the display brightness.

Display Timeout: Sets the amount of idle time before your device enters sleep mode.

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

Bluetooth Settings

Select **Settings > Bluetooth**.

Bluetooth: Enables Bluetooth wireless technology.

Search for Devices: Searches for nearby Bluetooth devices.

Friendly Name: Allows you to enter a friendly name that identifies your device on other devices with Bluetooth wireless technology.

Disabling Bluetooth

- 1 Select **Settings > Bluetooth**.
- 2 Select **Bluetooth**.

Traffic Settings

From the main menu, select **Settings > Traffic**.

Traffic: Enables traffic.

Optimize Route: Enables the device to use optimized alternate routes automatically or upon request (*Traffic on Your Route*, page 14).

Traffic Alerts: Sets the traffic delay severity for which the device displays a traffic alert.

trafficTrends: Enables the trafficTrends feature (*trafficTrends™*, page 15).

Units and Time Settings

To open the Units and Time settings page, from the main menu, select **Settings > Units & Time**.

Current Time: Sets the device time.

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

Units: Sets the unit of measure used for distances.

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

Language and Keyboard Settings

To open the Language and Keyboard settings, from the main menu, select **Settings > Language & Keyboard**.

Voice Language: Sets the language for voice prompts.

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.

Keyboard Language: Enables keyboard languages.

Device and Privacy Settings

To open the device settings, select **Settings > Device**.

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

EULAs: Displays the end-user license agreements.

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

Position Reporting: Shares your position information with Garmin to improve content.

Travel History: Allows the device to record information for the myTrends, Where I've Been, and Trip Log features.

Clear Travel History: Clears your travel history for the myTrends, Where I've Been, and Trip Log features.

Proximity Alerts Settings

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


Select **Settings > 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.

Restoring Settings

You can restore a category of settings or all settings to the factory default values.

- 1 Select **Settings**.
- 2 If necessary, select a settings category.
- 3 Select  > **Restore**.

Appendix

Power Cables

Your device can be powered various ways.

- Vehicle power cable
- USB cable
- AC adapter (optional accessory)

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 the vehicle power cable.
- Connect the device to a computer using a USB cable.

The device may charge slowly when connected to a computer. Some portable computers may not charge the device.

- Connect the device to an optional power adapter accessory, such as a wall power adapter.

You can purchase an approved Garmin AC-DC adapter suitable for home or office use from a Garmin dealer or www.garmin.com.

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.

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.

Avoiding Theft

- Remove the device and mount from sight when not in use.
- Remove the residue left on the windshield by the suction cup.
- Do not keep your unit in the glove compartment.
- Register your device at <http://my.garmin.com>.

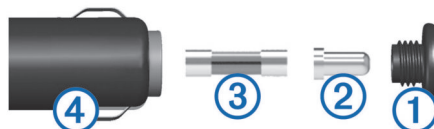
Changing the Fuse in the Vehicle Power Cable




NOTICE

When replacing the fuse, do not lose any of the small pieces and make sure they are put back in the proper position. The vehicle power cable does not work unless it is assembled correctly.

If your device does not charge in your vehicle, you may need to replace the fuse located at the tip of the vehicle adapter.

- 1 Unscrew the end piece .



- 2 Remove the end piece, the silver tip , and the fuse .
- 3 Insert a new 3 A fast-blow fuse.
- 4 Place the silver tip in the end piece.
- 5 Screw the end piece back into the vehicle power cable .

Mounting on Your Dashboard

NOTICE

The permanent mounting adhesive is extremely difficult to remove after it is installed.

You can use an optional mounting disk to mount your device to the dashboard and comply with certain state regulations. See www.garmin.com for more information.

- 1 Clean and dry the dashboard where you are placing the disk.
- 2 Remove the backing from the adhesive on the bottom of the disk.
- 3 Place the disk on the dashboard.
- 4 Remove the clear plastic cover from the top of the disk.
- 5 Place the suction cup mount on top of the disk.
- 6 Flip the lever down (toward the disk).

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 device forward.

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.

Purchasing Additional Maps

- 1 Go to your device product page at (www.garmin.com).
- 2 Click the **Maps** tab.
- 3 Follow the on-screen instructions.

Safety Cameras

NOTICE

Garmin is not responsible for the accuracy of or the consequences of using a custom point of interest or a safety camera database.

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

Information about safety camera locations and speed limits is available in some areas for some product models. Go to www.garmin.com/safetycameras to check availability and compatibility, or to purchase a subscription or one-time update. You can purchase a new region or extend an existing subscription at any time.

You can update safety cameras for an existing safety camera subscription by going to <http://my.garmin.com>. You should update your device frequently to receive the most up-to-date safety camera information.

For some devices and regions, basic safety camera data may be included with your device. Included data does not include updates or a subscription.

Custom Points of Interest

Custom POIs are customized points on the map. They can contain alerts that let you know if you are near a designated point or if you are traveling faster than a specified speed.

Installing POI Loader

You can create or download custom POI lists on your computer and install them on your device using POI Loader software.

- 1 Go to www.garmin.com/poiloader.
- 2 Follow the on-screen instructions.

Using the POI Loader Help Files

For more information on the POI loader, refer to the Help file.

With the POI loader open, click **Help**.

Finding Custom POIs

Before you can find custom POIs, you must load custom POIs on your device using the POI Loader software (*Installing POI Loader*, page 18).

- 1 Select **Where To? > Categories**.
- 2 Scroll to the Other Categories section, and select a category.

Purchasing Accessories

Go to <http://buy.garmin.com>.

Device Information

Specifications

Water resistance	IEC 60529 IPX7
Operating temperature range	-4° to 131°F (-20° to 55°C)
Charging temperature range	32° to 113°F (0° to 45°C)
Power input (CLA, motorcycle, or external power)	8–28 Vdc
Power input (USB)	5 V ±0.25 V
Battery life	Up to 4 hours, depending on usage and settings
Battery type	User-replaceable lithium-ion battery
Battery voltage range	3.5 V–4.1 V
Radio frequency protocol	2.4 GHz ANT+® wireless communications protocol (for VIRB Remote) 2.4 GHz ANT® (for Tire Pressure Monitor System)

Troubleshooting

My device is not acquiring satellite signals

- Verify the GPS simulator is turned off (*Navigation Settings*, page 16).
- Take your device out of parking garages and away from tall buildings and trees.
- Remain stationary for several minutes.

The device does not charge in my vehicle

- Check the fuse in the vehicle power cable (*Changing the Fuse in the Vehicle Power Cable*, page 17).
- Verify the vehicle is turned on and is supplying power to the power outlet.
- Verify the interior temperature of the vehicle is between 32° and 113°F (between 0° and 45°C).
- Verify that the fuse is not broken in the vehicle power outlet.

My battery does not stay charged for very long

- Decrease the screen brightness (*Display Settings*, page 16).
- Shorten the display timeout (*Display Settings*, page 16).
- Decrease the volume (*Adjusting the Volume*, page 3).
- Disable Bluetooth wireless technology (*Disabling Bluetooth*, page 16).
- Put the device in sleep mode when not in use (*Entering and Exiting Sleep Mode*, page 3).

- Keep your device away from extreme temperatures.
- Do not leave your device in direct sunlight.

The battery gauge does not seem accurate

- 1 Allow the device to fully discharge.
- 2 Fully charge the device without interrupting the charge cycle.

My device does not appear as a removable drive on my computer

On most Windows computers, the device connects using Media Transfer Protocol (MTP). In MTP mode, the device appears as a portable device and not as a removable drive. MTP mode is supported by Windows 7, Windows Vista®, and Windows XP Service Pack 3 with Windows Media Player 10.

My device does not appear as a portable device on my computer

On Mac computers and some Windows computers, the device connects using USB mass storage mode. In USB mass storage mode, the device appears as a removable drive or volume, and not as a portable device. Windows versions prior to Windows XP Service Pack 3 use USB mass storage mode.

My device does not appear as either a portable device or a removable drive or volume on my computer

- 1 Disconnect the USB cable from your computer.
- 2 Turn off the device.
- 3 Plug the USB cable into a USB port on your computer and into your device.

TIP: Your device should be connected directly to a USB port on your computer and not to a USB hub.

The device automatically turns on and goes into MTP mode or USB mass storage mode. A picture of the device connected to a computer appears on the device screen.

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