



## Victoria Quick Start Guide



[www.landairsea.com](http://www.landairsea.com)

- *Quick Start Guide*
- *Victoria Software Instructions*
- *Contact Information*

**Release Date: 08/12/10**

## **IMPORTANT INFORMATION !!!**

This tracking device is considered water-resistant, NOT waterproof. If the intended use is outside the vehicle, we strongly recommend purchasing the optional waterproof, magnetically mountable enclosure. Water spray at high speeds can penetrate the device and cause failure. Water damage is not covered under the warranty and repairs require sending the device back to the manufacturer. Cost for time and materials will apply. In addition, we use a powerful magnet on the optional enclosure to provide secure mounting. However, mounting this device under a vehicle exposes the unit to road hazards. Because of this, lost units are not covered under the warranty. Warranty information can be viewed on our website at [www.landairsea.com](http://www.landairsea.com).



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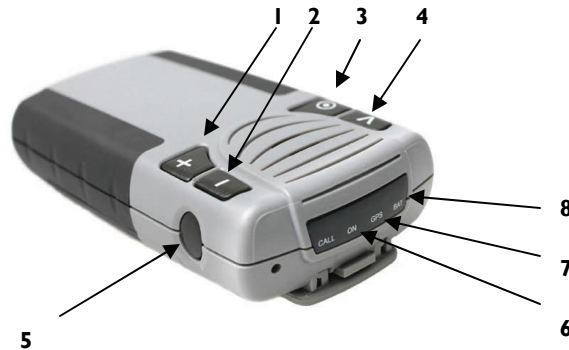
Thank you for purchasing the finest real-time GPS recording unit on the market. This unit incorporates an inclusive GPS and cellular module capable of transmitting position data as fast as once every 10 seconds. There are two data plans to choose from at the time of activation. These include 5 minute or 10 seconds. Please refer to the data plan section for more details. Tracking positions will be displayed using Google Earth®. Please refer to the Google Earth® section for installation instructions.

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Our tracking devices may not be used to violate the privacy rights of others, or in violation of local, county, state, or federal statutes. GPS tracking may be illegal in certain states. In no way, will LandAirSea, its subsidiaries or partners be held responsible for inappropriate use of these products.

**IT IS THE SOLE RESPONSIBILITY OF THE BUYER, OWNER, OR USER, TO CONSULT LEGAL COUNSEL FOR THE INTERPRETATION OF ANY LAWS APPLICABLE TO THE AREA OF INTENDED USE OF THESE PRODUCTS.**

The following images identifies the buttons and LED's that are either active or not active on the Victoria device.



#	Button / LED	Comments
1	N/A	Button Not In Use
2	N/A	Button Not In Use
3	N/A	Button Not In Use
4	N/A	Button Not In Use
5	N/A	Button Not In Use
6	ON	This LED will flash once every ten (10) seconds when Victoria is in an active (awake) status
7	GPS	GPS LED will flash once every two (2) seconds when locked onto GPS and when Victoria is in an active (awake) status.
8	Battery	LED will flash when charging and in low battery condition.

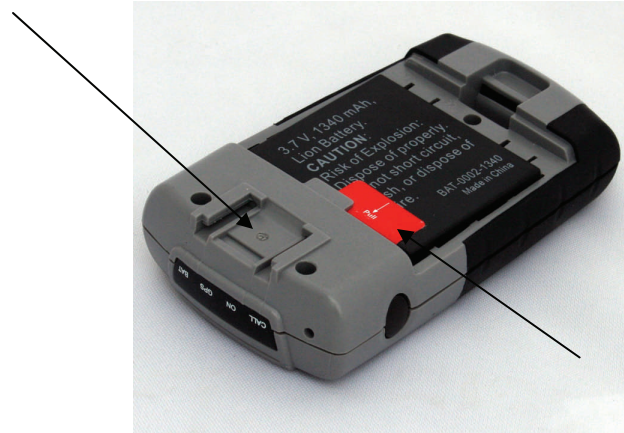
Note: There is no on/off switch on the Victoria. After 2 minutes, your device will go into a low power sleep mode. If not deployed, be sure the device is not disturbed to avoid unnecessary battery drainage.

For more information and resources for LandAirSea GPS Systems, please visit us online at [www.landairsea.com](http://www.landairsea.com). Should you have any additional questions, please email us at [support@landairsea.com](mailto:support@landairsea.com).



Note: The Victoria unit is shipped with a battery contact protection strip. You will need to remove this sticker to power the device. The belt clip will need to be removed to get to the battery compartment. Simply lift up the clip tab and slide the clip up at the same time.

Remove the battery from the compartment, peel off the sticker, and reinstall. Close the battery compartment and replace the belt clip. The device will be ready for use.



**If you choose to purchase the extended battery with waterproof case, you will follow the same instructions above. The lithium extended battery pack has a device connector that fits into the battery compartment to replace the existing lithium battery.**

## 1 - You must install Google's Earth Software

Note: You must check system requirements with Google's Earth prior to installation. May not be compatible with older less equipped computers or limited computer processors.

- Step 1 Go to [www.earth.google.com](http://www.earth.google.com). There will be an option on the home page to download the software. You DO NOT need to download the pro or enterprise version. Save the File to your desktop or run the application from the website.
- Step 2 Follow the on screen steps to begin the installation of Google Earth.

## 2 - Viewing tracking data in Google's Earth

Google Earth® opens automatically once the LandAirSea Victoria software is launched and your device(s) are activated.

Please refer to the Victoria software instructions chapter for more information on how these two programs work together. **IMPORTANT!** When closing Google Earth, be sure not to save tracking data to "My Places". If this data is saved, your path will remain the next time the session is opened. It can always be recreated in a report.

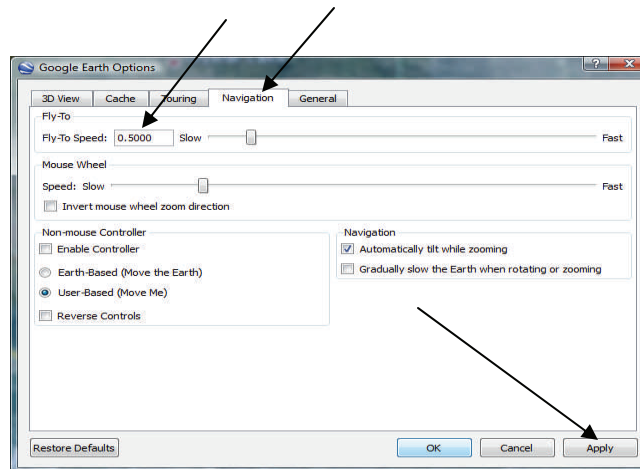
### Google Earth Screen Shot



## Settings

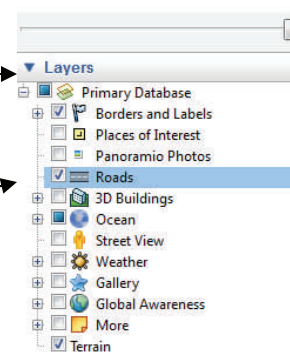
The following settings will optimize viewing and maximize functionality.

1, **Fly To Speed**—The default setting in Google Earth® is designed for a dramatic display as the program zooms into a given area. The following will allow you to zoom in faster. The setting of 0.5000 is just a recommendation and can be set to your own preference. To get to this setting, select “Tools” from the top of the Google Earth® screen, then “Options”. Once selected, you will see the window as shown below. From this window, select the “Navigation” tab and slide the Fly To Speed bar until you reach 0.5000 or something close to this. Simply click “Apply” and you can then close this window.



2. **Roads**—By default, road names may not appear when you first download the Google Earth® program. You will see a section on the lower left side of the screen called “Layers”. In this section, you will see “Roads”. Just check this box.

You can use other popular features such as Street View and 3D buildings to enhance your experience but this can slow your PC performance. If it does, you can simply check them when needed.





**In order to activate your Victoria, please go to [www.landairsea.com](http://www.landairsea.com) and click on the online activation link near the upper right of the home page. This online form needs to be completed in full. Incomplete or missing information may delay the activation process. Activation usually takes up to two hours once the form is submitted. Activations are processed during business hours only. These hours of operation are Monday through Friday 8:30am to 5:00pm Central. If the form is received late in the day or after hours, the activation is completed the next business day.**

Monthly service for the Victoria will be \$19.95 for the 5 minute plan or \$39.95 per month for the 10 second plan. Both plans are for domestic service only. A different service schedule may apply for international usage. The credit card on file will be billed automatically each month. Upon completing the activation form, you will be charged the \$ 29.95 activation fee and the pro-rated balance of the current monthly service. In addition, you will be charged for the full upcoming month of service. Your next bill will not be due until the next full month. There is no service contract required with the Victoria so you can discontinue service without penalty by contacting LandAirSea Systems directly. However, reactivation requires the \$ 29.95 to restart service.

In order to cancel your service, you must do so in writing. This can be done by email to:  
**[activtions@landairsea.com](mailto:activtions@landairsea.com).**

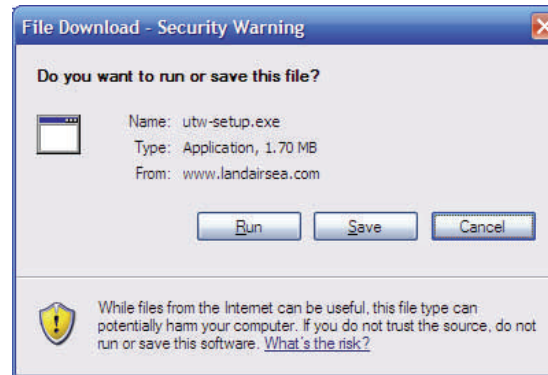
Cancelations must be received prior to the close of the last business day of the month to avoid the next billing cycle. LandAirSea is not open on weekends so be sure to submit your cancelation before the last business day of the month. If you have any questions, please do not hesitate to contact us at 847-462-8100.



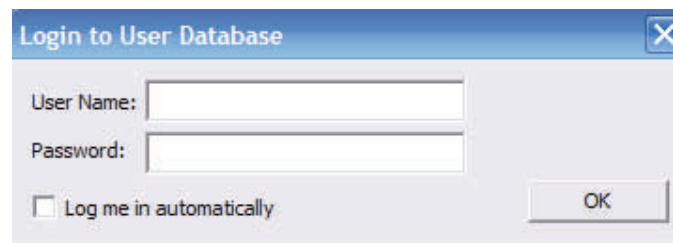
**The Victoria software DOES NOT ship with your device. Please go to [www.landairsea.com](http://www.landairsea.com) to download this software. The software will be located in the Support / Downloads section under Victoria Downloads.**



**Software Installation - Select "Run" once the download is selected. Once complete, the icon will be on the desktop.**



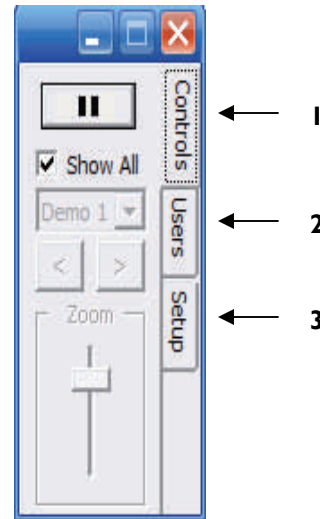
The login credential screen will appear once you have successfully downloaded the Victoria program to your computer. Provided that you have submitted the activation request, the user name and password you selected on the activation form will complete the installation. Google Earth® will then open automatically and the last known position will be displayed. Please note that the characters are case sensitive and will be required to be entered as provided in the activation form.



The LandAirSea Victoria software is an overlay-based, tab-driven program combining simplicity with fluent mapping using the popular Google Earth® program. Each tab provides key features without obstructing the map view.

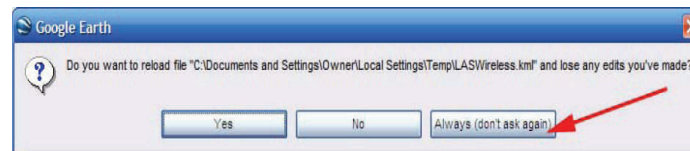
These tabs include:

- 1. Controls**—Allows the user to control the physical mapping controls such as a zoom level and toggling between vehicles. (as shown here)
- 2. Users**—Identifies vehicles independently including current status with continuous address updating, battery status, speed, and direction.
- 3. Setup**—This tab allows the user to make operational changes such as time format, device/group editor, etc

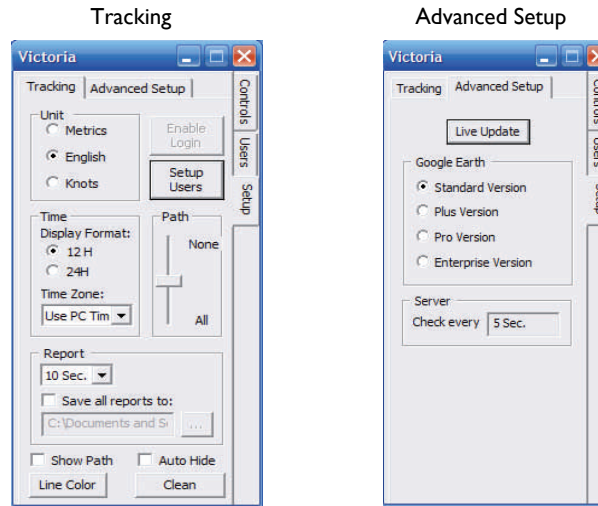


The Setup tab in Victoria contains two screens, Tracking and Advanced Setup. (See next page) While it is best to leave default settings in place, you can contact our Technical Support department at [www.landairsea.com](http://www.landairsea.com) for further information regarding setup. **You can run Live Update from the Advanced screen to assure that you have the latest version of Victoria . See the next page for the Advanced Setup screen.**

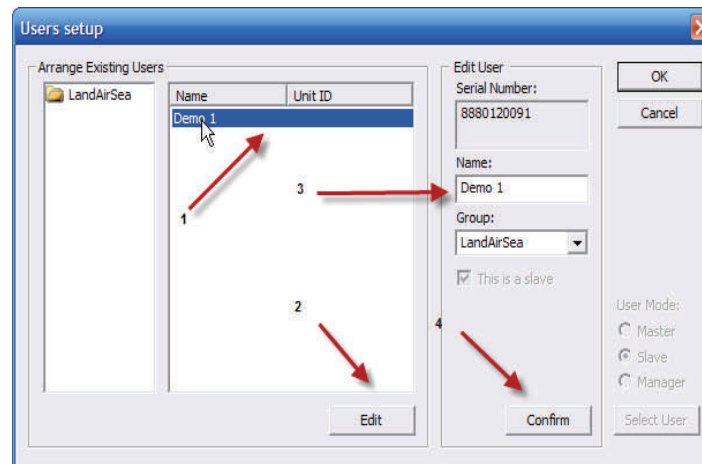
Google Earth will display the message below. Choose “Always (Don’t Ask Again)”



## Setup Screens

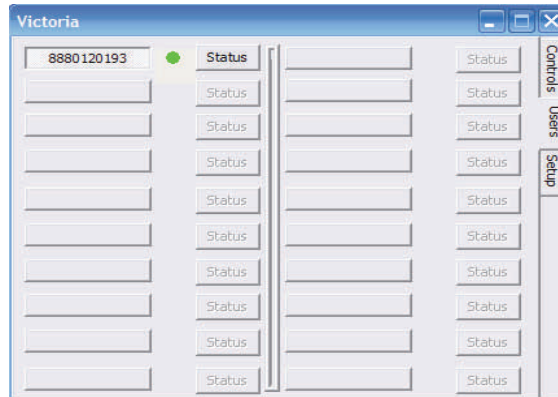


Your vehicle comes with a generic screen name setup in Victoria. To give your vehicle a specific screen name and icon name, click **Setup Users** in the **Tracking** tab. 1.) Click the name to select the vehicle. 2.) Click 'Edit'. 3.) Change the name in the Edit User section. 4.) Click 'Confirm'. Choose OK to close the Setup User screen. You will be asked to restart Victoria. Choose 'Ok'. After restarting Victoria, your new vehicle name will be visible in the Users tab.

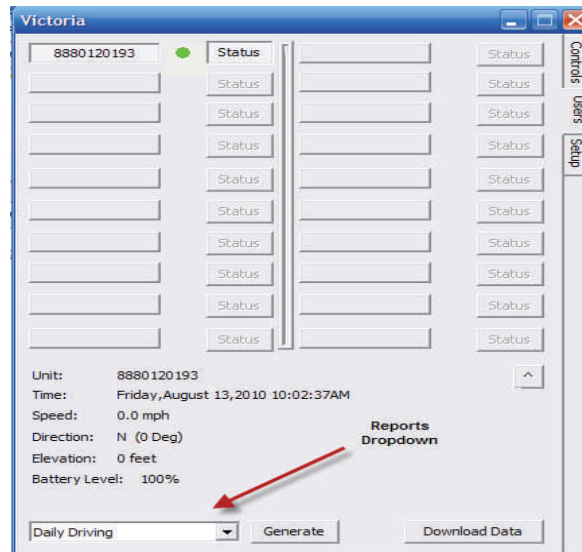


**Users Tab**

Opening Screen for Users Tab

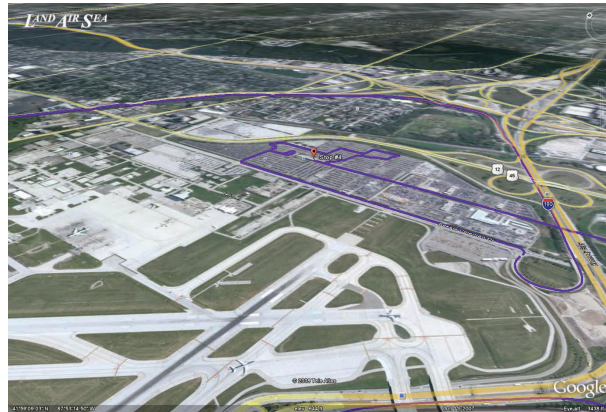


Clicking the Status button above will expand the Users Screen to display information such as Date, Time, Speed, Direction, Elevation, Battery Level and Current Address. Detailed reports are also available in the drop- down Status screen. (See the next page for more detailed information regarding reports)



Reports

Graphical overlay and text reports are available in the Victoria software providing path, user-defined incremental updates along the path, and stops.



Text reports provide an incremental position along a route that is user defined providing address, speed, direction, and time stamp. This HTML report can access a satellite image of each position by clicking on the address.

Travel Activity Report for Vehicle: Demo 1

Friday, August 13, 2010

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Time	Coordinates	Speed (mph)	Heading	Street Address
09:10:02am	<a href="#">42.304367 N</a> <a href="#">88.451617 W</a>	0.0	SE	<a href="#">1173 DEAN ST, WOODSTOCK, IL 60098</a>
09:10:28am	<a href="#">42.304367 N</a> <a href="#">88.451617 W</a>	0.0	Stopped	<a href="#">1173 DEAN ST, WOODSTOCK, IL 60098</a>
09:11:30am	<a href="#">42.301820 N</a> <a href="#">88.452693 W</a>	36.2	S	<a href="#">1339 DEAN ST, WOODSTOCK, IL 60098</a>
09:12:30am	<a href="#">42.299697 N</a> <a href="#">88.448483 W</a>	33.1	E	<a href="#">323 PRAIRIE RIDGE DR, WOODSTOCK, IL 60098</a>
09:13:30am	<a href="#">42.299717 N</a> <a href="#">88.444500 W</a>	0.0	S	<a href="#">1535 ACACIA LN, WOODSTOCK, IL 60098</a>
09:14:30am	<a href="#">42.300450 N</a> <a href="#">88.446283 W</a>	29.7	NW	<a href="#">1417 PORTAGE LN, WOODSTOCK, IL 60098</a>
09:15:30am	<a href="#">42.303383 N</a> <a href="#">88.442067 W</a>	0.0	E	<a href="#">UNNAMED ST, WOODSTOCK, IL 60098</a>
09:16:28am	<a href="#">42.303367 N</a> <a href="#">88.442093 W</a>	0.0	Stopped	<a href="#">UNNAMED ST, WOODSTOCK, IL 60098</a>
09:17:30am	<a href="#">42.301567 N</a> <a href="#">88.438267 W</a>	27.0	E	<a href="#">UNNAMED ST, WOODSTOCK, IL 60098</a>
09:18:30am	<a href="#">42.297733 N</a> <a href="#">88.433267 W</a>	42.2	S	<a href="#">1700 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:19:30am	<a href="#">42.295183 N</a> <a href="#">88.433300 W</a>	0.0	S	<a href="#">1988 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:19:48am	<a href="#">42.295183 N</a> <a href="#">88.433300 W</a>	0.0	Stopped	<a href="#">1988 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:20:48am	<a href="#">42.292687 N</a> <a href="#">88.434967 W</a>	0.0	NNE	<a href="#">12095 DAVIS RD, WOODSTOCK, IL 60098</a>
09:21:40am	<a href="#">42.292767 N</a> <a href="#">88.435067 W</a>	0.0	Stopped	<a href="#">12095 DAVIS RD, WOODSTOCK, IL 60098</a>
09:23:08am	<a href="#">42.292167 N</a> <a href="#">88.433167 W</a>	16.2	S	<a href="#">2057 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:24:08am	<a href="#">42.289850 N</a> <a href="#">88.432333 W</a>	0.0	E	<a href="#">2179 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:24:56am	<a href="#">42.289817 N</a> <a href="#">88.432300 W</a>	0.0	Stopped	<a href="#">2185 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:27:05am	<a href="#">42.289417 N</a> <a href="#">88.431717 W</a>	0.0	N	<a href="#">2263 S EASTWOOD DR, WOODSTOCK, IL 60098</a>
09:28:06am	<a href="#">42.287833 N</a> <a href="#">88.430533 W</a>	0.0	S	<a href="#">1301 COBBLESTONE WAY, WOODSTOCK, IL 60098</a>
09:28:52am	<a href="#">42.287783 N</a> <a href="#">88.430500 W</a>	0.0	Stopped	<a href="#">1299 COBBLESTONE WAY, WOODSTOCK, IL 60098</a>

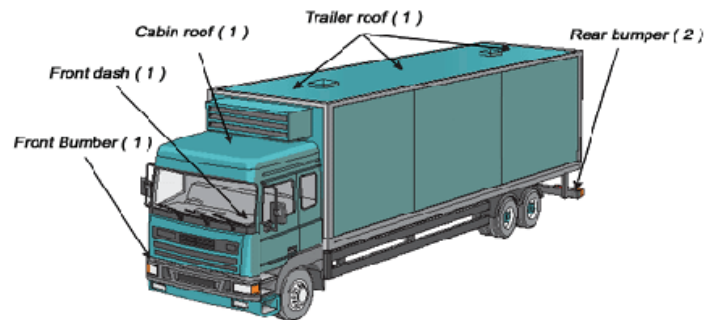
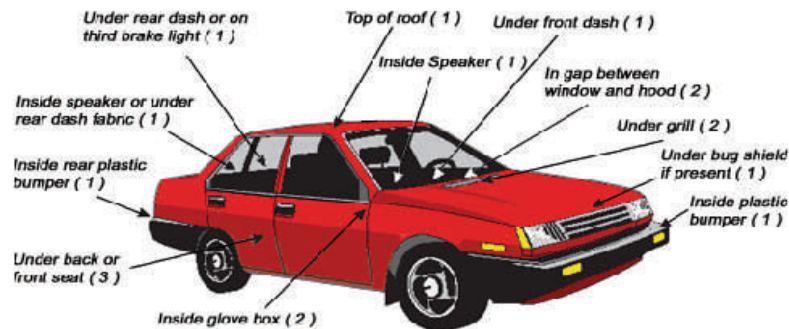
**KNOW HOW GPS WORKS.**

The Victoria uses GPS to find its location. In order to lock onto the location, the GPS unit must have a direct line of sight to 3 locations in the sky and these locations are changing constantly throughout the day. Make sure that there isn't any metal completely blocking this upward / outward line of sight. GPS signals will go through plastic, glass, rubber, fiberglass, cloth material, or anything else not made of metal. The more metal obstructions that are above and around the GPS sensor the longer it will take to lock onto the location. Make sure you choose a good location to place the unit or antenna for good results. An example of placement for the Tracking Key is the glove box but depending on the design of the vehicle, it may take longer to lock onto the location. If the glove box is very low inside the vehicle with a lot of obstructions, it may not be able to track. In this case you will have to find a better location to place the GPS unit.

**Unit Placement**

Location of the GPS Unit	Effectiveness	Comments
On the front or rear dash board	99%	Probably one of the best locations to keep your unit if you do not need to conceal the device. You can place the unit in a box of tissues or in something on the dash.
Under the front or rear dash board	95%	It is important to remember that the unit must be high enough up in the dash board to make an effective lock. Spotty data will indicate that your placement may need to be adjusted.
In the glove box	80-95%	This is good location to keep your unit. Effectiveness may vary from one vehicle to another, but if placed properly it should work in the glove box of almost any vehicle.
Under or on the seat or under vehicle	85%	Placement under the seat or vehicle will vary from vehicle to vehicle. If you must place the unit under the seat or the vehicle, make sure you test it for a day or two to make sure it will work in your vehicle in the location you have chosen.

GPS accuracy is dependent upon proper placement of the device. Optimum performance is achieved when the antenna has a view of the satellite without metal obstructions. The signal will be received through plastic, fiberglass, carpet, cardboard, or glass. Taking a few extra minutes to locate the best location for the antenna will reward you with the best possible tracking data.



### **GPS Antenna Placement Ratings Legend**

**(1)** We highly recommend these locations for GPS antenna placement. Best overall performance and superior signal reception for optimum accuracy.

**(2)** Signal reception may not be as accurate or favorable. This location may not provide the accuracy that location (1) will.

**(3)** Recommended only when other locations or options do not exist.



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