



## **Mounting Instructions For Automotive GPS Receivers**

This instruction sheet describes how to assemble and use the quick-release R-A-M<sup>®</sup> suction cup mount for Lowrance<sup>®</sup> automotive GPS receivers. The RAM suction cup mount is useful for mounting on glass or other smooth surfaces. Your package also includes a motorcycle mount. If you have the RV package, your box includes a flexible weighted base mount. (If you have the standard auto version, the weighted mount is an optional purchase.) It has a moldable base that lets you place the unit on a variety of flat or uneven surfaces, such as a dash or console.

These mounts allow you to make non-mar installations without drilling, screws or permanent adhesives. And, since each mount is portable, it's easy to take your GPS with you in a rental vehicle or a friend's car.

### **WARNING!**

**When a GPS receiver is used in an automobile, the driver is solely responsible for operating the vehicle in a safe manner. Drivers must maintain full surveillance of all pertinent driving conditions at all times.**

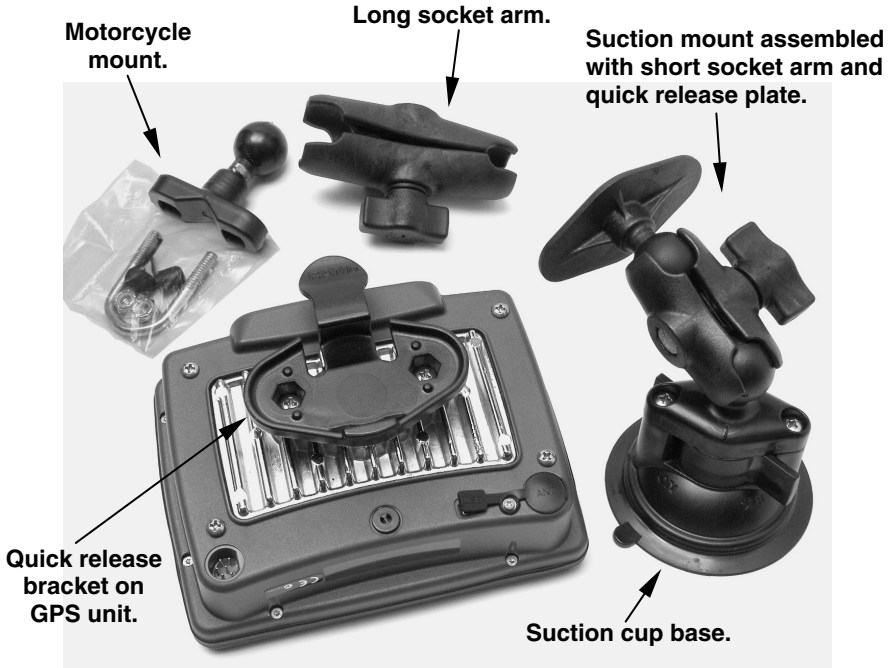
**An accident or collision resulting in damage to property, personal injury or death could occur if the operator of a GPS-equipped vehicle fails to pay full attention to travel conditions and vehicle operation while the vehicle is in motion.**

**Do not attempt to configure, adjust or enter information into your GPS unit while driving.**

**When mounting a GPS unit in an automobile, you must avoid any installation that obscures important instruments and controls or restricts the driver's view through the vehicle's windows. Avoid placing the GPS where it could be propelled by an activated airbag. Some states restrict mounting any electronic device in any location on an automobile dash. Be sure to check your local laws before using these mounts.**

**Be sure to check the suction mount for adequate adhesion each time you use the unit, and reinstall it if necessary. This is a portable mounting device, and the normal heating and cooling cycle of a car's interior will eventually loosen the seal. A loose suction cup could allow the unit to fall or come loose during a turn.**

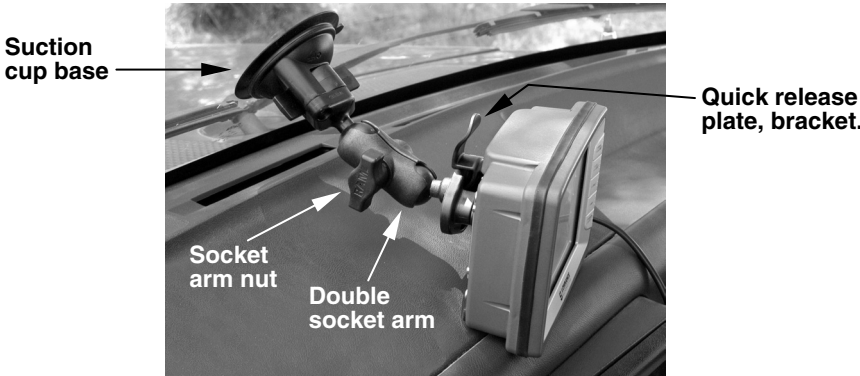
The package includes two double-socket arms. The bases and arms are interchangeable, so use the configuration that best fits your car.



Mounting accessories packed with an iWAY™ 500c GPS receiver.

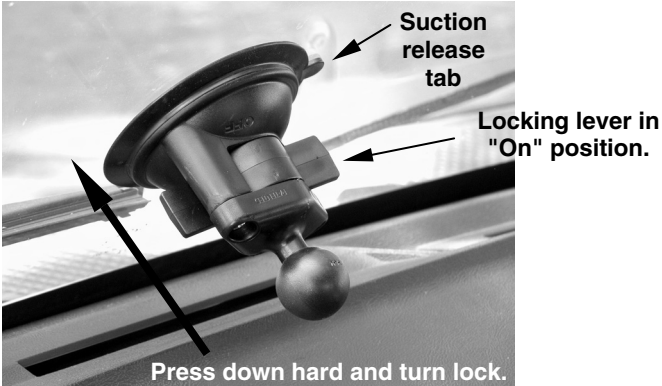
### Installing the RAM Suction Mount

The suction cup mount is designed to secure the GPS as it or the socket arm rests on another surface. It is *not* designed to hold the unit suspended by the suction cup alone. The photo below shows how a GPS unit should be supported by the suction mount *and* another surface, which in this example is a dashboard.



iWAY™ 500C mounted on dash with suction cup mount.

The mounting surface should be free of dirt and oil. Remove the socket arm from the base and make sure the base locking lever is in the off position. Use both hands and press down hard on the mounting surface. While maintaining pressure, turn the lock lever to "on" (this will require some force.)



**RAM suction cup base on windshield.**

Attach the socket arm and quick release plate to the base. Loosen the socket arm nut so you can position the arm and plate to accept the GPS receiver, then tighten the nut to hold the arm steady.



**Suction mount ready to accept GPS unit.**

Mount the unit by snapping the quick release bracket onto the plate. It is easiest if you engage the bottom of the plate first. (See following photo.) After the GPS is attached, slightly loosen the socket arm nut and position the unit for optimum viewing, then tighten it snugly.

**3. ...push unit up and back so it snaps into position.**



**Steps for attaching unit to mount.**

To dismantle the unit, pull the quick release tab toward the front of the unit. To remove the suction base, pull on the suction release tab to break the vacuum seal.



**Pull release tab to dismantle unit.**

If the suction cup mount has problems staying on, clean the mounting surface and the suction cup with alcohol, then reinstall. Moistening the suction cup may help adhesion in some cases.

## Storage Issues

### CAUTION:

*Do not leave this unit unattended on an automobile dashboard. When your car is parked and the GPS is not in use, protect it from theft and heat by storing it in an unobtrusive location, away from direct sunlight. In warm seasons, the temperature on a car's unventilated or non air-conditioned dash can become hot enough to prevent the GPS unit from operating.*

## Long Term Storage

When the GPS is not in use for an extended period of time, we recommend bringing it indoors and storing it at room temperature or in some location with a temperature range of 60° to 90° F.



**iWAY 500c centered on a dashboard. This photo was taken at passenger eye level. Notice how the unit was placed so that it does not obstruct the view of the road ahead through the windshield.**

Hundreds of other RAM mounting systems are available for your unit. There are permanent mounts and temporary mounts suitable for virtually any vehicle.



**iWAY 500C mounted on dash with weighted base mount.**

See your Lowrance dealer or visit the LEI web site, **[www.lei-extras.com](http://www.lei-extras.com)**, for the latest options stocked by LEI, the accessory source for Lowrance and Lowrance Automotive. For a complete look at the many mounting options, visit the RAM web site at **[www.ram-mount.com](http://www.ram-mount.com)**, or call their purchasing support department at 206-763-8361. Or write to RAM: National Products Inc., 1017 S Elmgrove St, Seattle, WA 98108, USA.

If you have questions, contact us at the following phone numbers: In the U.S., call LEI Extras toll-free at 800-324-0045, 8 a.m. to 4 p.m. Central Standard Time, M-F. In Canada, call toll-free 800-661-3983, 8 a.m. to 5 p.m. Eastern Standard Time, M-F. If you live outside the U.S. and Canada, you should contact the dealer in the country where you purchased your unit. To locate a dealer near you, visit the Lowrance web site, **[www.lowrance.com](http://www.lowrance.com)**, and look for the Dealer Locator.