

## Thank You

Thank you for choosing Humminbird®, America's #1 name in fishfinders. Humminbird® has built its reputation by designing and manufacturing top-quality, thoroughly reliable marine equipment. Genuine Humminbird® accessories offer the opportunity to upgrade and expand the capabilities of your Humminbird® product.

**NOTE:** Your transducer may not look exactly like the transducer shown in the illustrations, but it will mount in exactly the same way.

Your Humminbird® is designed for trouble-free use in even the harshest marine environment. In the unlikely event that your Humminbird® does require repairs, we offer an exclusive Service Policy - free of charge during the first year after purchase, and available at a reasonable rate after the one-year period. For complete details, see the Warranty section included in this manual.

Contact our Customer Resource Center at either **1-800-633-1468** or visit our website at **www.humminbird.com**.

## Installation Overview

Following are instructions for the installation of this accessory. Before you start installation, we encourage you to read these instructions carefully in order to get the full benefit from your Humminbird® accessory.

If you find that any items are missing from your installation kit, call our Customer Resource Center at **1-800-633-1468** or visit our website at **www.humminbird.com**.

In addition to the hardware supplied with your transducer, you will need various hand tools.

## Installation

Perform the procedures in the following sections to install the transducer on your boat.

**NOTE:** The suction cup mount is designed for quick, easy installation and removal, NOT for high speed operation. If you intend to operate your boat at any speed faster than trolling speeds, remove the suction cup transducer from the water.

**NOTE:** Humminbird® portable transducers use either a metal or plastic bracket. The type of transducer that came with your Humminbird® unit will determine which bracket to use. Refer to the illustration that corresponds with your transducer and bracket type.

It is important that the mounting position allows the transducer to rest beneath the surface of the water, pointing straight down. You can mount the transducer anywhere on the side of the boat if your boat remains stationary. If you are trolling, it is best to mount the transducer on the transom of the boat.

### 1. Testing the Transducer Prior to Installation

Prior to installation, test the transducer to make sure that no damage occurred during shipping.

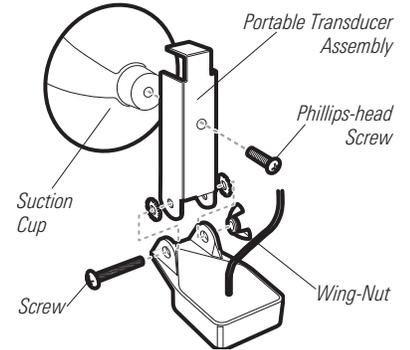
1. After connecting the transducer to the control head, hold the transducer in the water over the side of the boat to confirm proper operation. If the transducer is working properly, you should be able to see the bottom on the control head display.

### 2. Assembling the Mounting Bracket

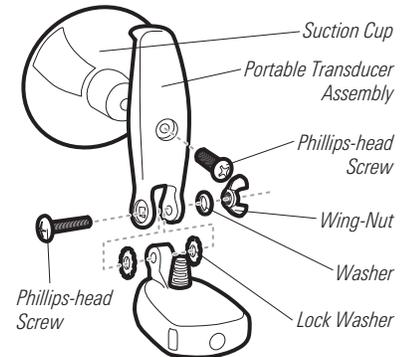
**NOTE:** Please be aware that the transducer design has changed. If you are replacing or adding mounting hardware to your current transducer, make sure that you have selected the appropriate hardware. If you are replacing a transducer, you will need to replace the mounting bracket and hardware as well. Contact our Customer Resource Center at either **1-800-633-1468** or visit our website at **www.humminbird.com** for more information.

1. Assemble your transducer mounting bracket using the hardware provided and refer to the illustration that matches your transducer mounting bracket type.

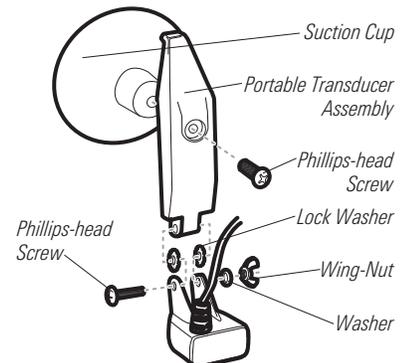
#### Assembling the Metal Bracket



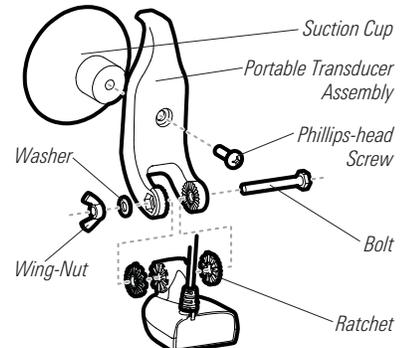
#### Assembling the Plastic Bracket



#### Assembling the Plastic Bracket



#### Assembling the Plastic Bracket



### 3. Mounting the Transducer

Your portable transducer is designed to be installed and adjusted without the use of tools. Mounting the transducer to the boat is a simple, yet important operation. A poor mounting location will affect the overall performance of the Humminbird unit, so follow the mounting instructions carefully.

It is important that the mounting position allows the transducer to rest beneath the surface of the water, pointing straight down.

You can mount the transducer anywhere on the side of the boat if your boat remains stationary.

If you are trolling, it is best to mount the transducer on the transom of the boat.

1. Mount the transducer so that it points straight down, and so that the transducer itself is submerged in the water.
2. Adjust the running angle so that the transducer is parallel to and below the surface of the water.
3. Hand-tighten the wing nut so that the transducer will not rotate.
4. Secure the transducer cable in case of accidental release when the boat is moving, since a loose transducer can cause damage to itself, your boat, or become tangled in the propeller. Attach the tie-down strap to the transducer cable around an immovable object such as a rail or fitting, as shown in the illustration.
5. When you have finished using the transducer, pivot the transducer body flat against the bracket and coil the cable around the assembly.

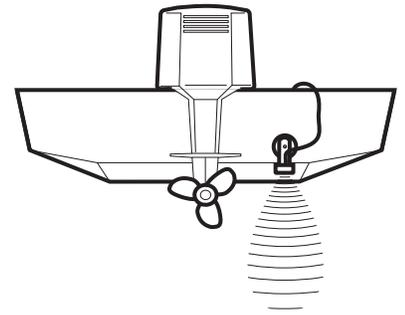
### 4. Connecting the Cable

Insert the transducer cable into the appropriate terminal slot. The cable connectors are labeled, and there are corresponding labels on the cable holder on the rear of the control head. The slots are keyed to prevent reversed installation, so be careful not to force the connector into the holder.

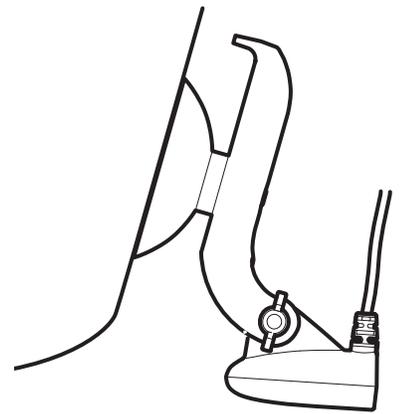
Refer to your manual and/or control head installation guide for the correct procedure for installing the cable connectors to the control head.

1. Plug the other end of the transducer cable back into the control head connection holder.

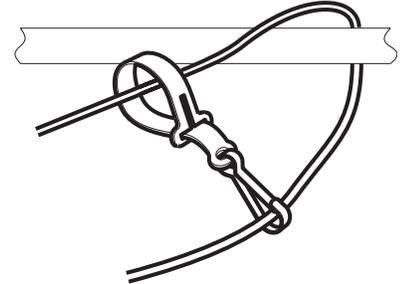
Portable Transducer Mount



Transducer Running Angle



Transducer Tie-Down Strap



## Maintenance

If your boat remains in the water for long periods of time, algae and other marine growth can reduce the effectiveness of the transducer. Periodically clean the face of the transducer with hot water. Pivoting the transducer up in the bracket may allow better access for inspection or cleaning.

If your boat remains out of the water for a long period of time, it may take some time to wet the transducer after it is returned to the water. Small air bubbles can cling to the surface of the transducer and interfere with proper operation. These bubbles will dissipate with time, or you may wipe the face of the transducer with your fingers after the transducer is in the water.

## 1-Year limited Warranty

We warrant the original retail purchaser that products made by Humminbird® have been manufactured free from defects in materials and workmanship. This warranty is effective for one year from the date of original retail purchase. Humminbird® products found to be defective and covered by this warranty will be replaced or repaired free of charge at Humminbird® option and returned to the customer freight prepaid. Humminbird® sole responsibility under this warranty is limited to the repair or replacement of a product that has been deemed defective by Humminbird®. Humminbird® is not responsible for charges connected with the removal of such product or reinstallation of replaced or repaired parts.

This warranty does not apply to a product that has been:

- Improperly installed;
- Used in an installation other than that recommended in the product installation and operation instructions;
- Damaged or has failed because of an accident or abnormal operation;
- Repaired or modified by entities other than Humminbird®.

Please retain your original receipt as a proof of the purchase date. This will be required for in-warranty service.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, OBLIGATIONS OR LIABILITIES ON THE PART OF HUMMINBIRD® AND WILL BE THE CUSTOMER'S EXCLUSIVE REMEDY, EXCEPT FOR ANY APPLICABLE IMPLIED WARRANTIES UNDER STATE LAW WHICH ARE HEREBY LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. IN NO EVENT WILL HUMMINBIRD® BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY RELATING TO THE PRODUCTS.

Some states do not allow limitations on an implied warranty, or the exclusion of incidental or consequential damages, so the above exclusions may not apply to you. You may also have other rights, which vary from state to state.

## Humminbird® Service Policy

Even though you'll probably never need to take advantage of our incredible service policy, it's good to know that we back our products this confidently. We do it because you deserve the best. We will make every effort to repair your unit within three business days from the receipt of your unit at our factory. This does not include shipping time to and from our factory. Units received on Friday are typically shipped by the following Wednesday, units received Monday are typically shipped by Thursday, etc.

All repair work is performed by factory-trained technicians to meet exacting factory specifications. Factory-serviced units go through the same rigorous testing and quality control inspections as new production units.

After the original warranty period, a standard flat rate service charge will be assessed for each repair (physical damage and missing parts are not included). Any repairs made after the original warranty will be warranted for an additional 90 days after service has been performed by our factory technicians. You can contact our Customer Resource Center or visit our website to verify the flat rate repair fee for your product (visit the Product Support section):

<http://www.humminbird.com>

We reserve the right to deem any product unserviceable when replacement parts are no longer available or impossible to obtain. This Service Policy is valid in the United States only. This applies only to Humminbird® products returned to our factory in Eufaula, Alabama. This Service Policy is subject to change without notice.

## Returning Your Unit for Service

Before sending your unit in for repair, please contact the factory, either by phone or by email, to obtain a Repair Authorization Number for your unit. Please have your product model name and serial number available before calling the factory. If you contact the factory by e-mail, please include your product model name and serial number in the e-mail, and use Request for Repair Authorization Number for your e-mail subject header. You should include your Repair Authorization Number in all subsequent communications about your unit.

### For IN-WARRANTY service, complete the following steps:

- Obtain a Repair Authorization Number from the Humminbird® Customer Resource Center.
- Tag product with your name, street address, phone number and your assigned Repair Authorization Number.
- Include a brief written description of the problem.
- Include a copy of your receipt (to show proof and date of purchase).
- Return product freight prepaid to Humminbird®, using an insured carrier with delivery confirmation.

### For OUT-OF-WARRANTY service, complete the following steps:

- Obtain a Repair Authorization Number from the Humminbird® Customer Resource Center.
- Include payment in the form of credit card number and expiration date, money order or personal check. Please do not send cash.
- Tag product with your name, street address, phone number and your assigned Repair Authorization Number.
- Include a brief written description of the problem.
- Return product freight prepaid to Humminbird®, using an insured carrier with delivery confirmation.

**Contact Humminbird<sup>®</sup>**

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Contact the Humminbird<sup>®</sup> Customer Resource Center  
in any of the following ways:

**By Telephone**

(Monday - Friday 8:00 a.m. to 4:30 p.m. Central Standard Time):

1-800-633-1468

**By e-mail**

(typically we respond to your e-mail within three business days):

[custserv@johnsonoutdoors.com](mailto:custserv@johnsonoutdoors.com)

For direct shipping, our address is:

**Humminbird  
Service Department  
678 Humminbird Lane  
Eufaula, AL 36027 USA**

**WARNING!** Do not touch an active transducer during operation, as this may cause physical discomfort and may result in personal injury in the form of tissue damage. Handle the transducer only when the power to the control head is off.

**WARNING!** This device should not be used as a navigational aid to prevent collision, grounding, boat damage, or personal injury. When the boat is moving, water depth may change too quickly to allow time for you to react. Always operate the boat at very slow speeds if you suspect shallow water or submerged objects.

**WARNING!** Disassembly and repair of this electronic unit should only be performed by authorized service personnel. Any modification of the serial number or attempt to repair the original equipment or accessories by unauthorized individuals will void the warranty. Handling and/or opening this unit may result in exposure to lead, in the form of solder.

**WARNING!** This product contains lead, a chemical known to the state of California to cause cancer, birth defects and other reproductive harm.