

THANK YOU

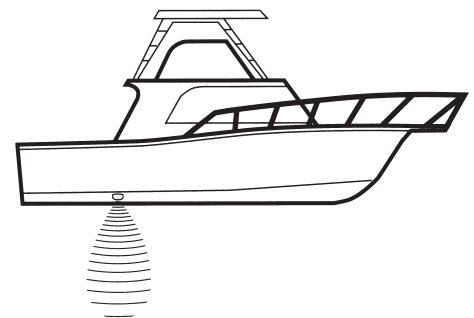
Thank you for choosing Humminbird, America's #1 name in depthsounders. Humminbird has built its reputation by manufacturing top-quality, thoroughly reliable marine equipment. Genuine Humminbird accessories offer the opportunity to upgrade and expand the capabilities of your Humminbird product.

ABOUT THE THRU-HULL INSTALLATION

Following are instructions for the installation of the 3 in 1 Thru Hull Transducer. We encourage you to read these instructions thoroughly to fully benefit from your Humminbird accessory. This accessory requires drilling holes in the hull of the boat and installation should be referred to a qualified marine technician.

Before installation please test the 3 in 1 Thru Hull Transducer to ensure that no damage occurred during shipping. Determine the best mounting location for the transducer. Outside the boat, the best location will be aft midship, as close to the centerline of the boat as possible. The transducer should be mounted forward of the props on inboard boats with adequate separation from other transducers, strakes, rivet lines, or other protrusions. Inside the boat, there must be adequate access to the mounting location for installation, and routing of the cables. Notice that the speed/temp. gauge is removable from the threaded housing, and adequate overhead space must be available to fully remove this insert.

Additionally, if the selected mounting location has a hull deadrise angle of 10 degrees or greater, a fairing block should be used to level the transducer housing and direct the sonar signal straight down.



Thru the Hull Installation

BEFORE YOU START

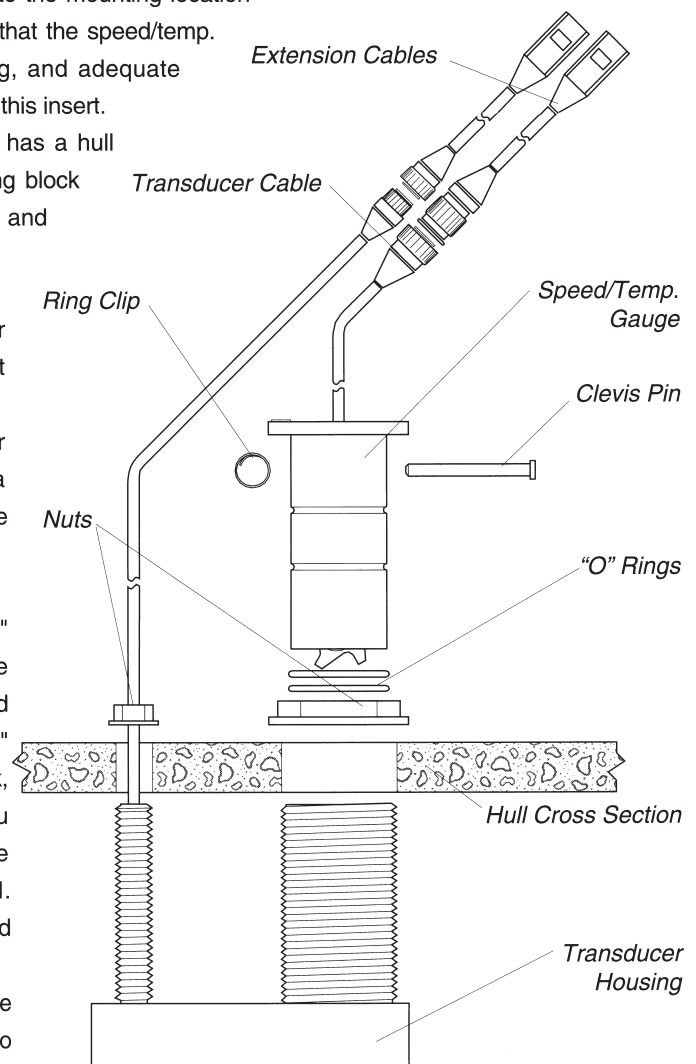
If you find that any items are missing from your installation kit, call our toll free Customer Support Hotline.

In addition to the hardware supplied with your transducer, you will need a drill, a 9/16" drill bit, a 2" hole saw, an adjustable wrench and marine sealant.

ATTACHING THE TRANSDUCER

At the selected location, mark 2 holes 3-7/8" (9.84 cm) apart, parallel with the centerline of the boat, on the outside of the hull. Drill the forward hole with a 9/16" drill bit, and the aft hole with a 2" diameter hole saw. If you are using a fairing block, drill the holes perpendicular to the water line. If you are mounting the transducer body directly to the hull, drill the holes perpendicular to the hull. Thoroughly clean and deburr the drilled holes and clean the outside of the hull.

If you are using a fairing block, the block should be cut to match the angle of the deadrise of the hull. Two



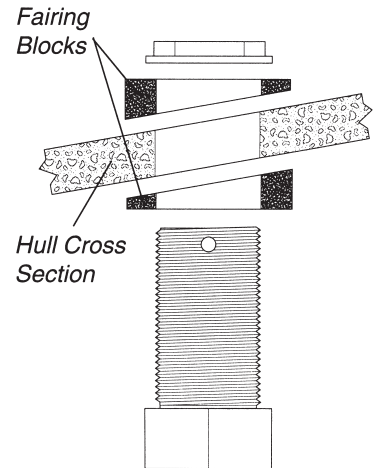
pieces will be required; one which is shaped to match the profile of the transducer body and mounts outside the hull. The second piece mounts inside the hull and provides a level surface for the fasteners.

Temporarily install the transducer to check the fit, then apply a generous amount of marine sealant or slow curing epoxy inside the drilled holes, and along the mating surfaces of the transducer housing. If you are using a fairing block, seal the mating edges of the block as well.

Insert the transducer into the drilled holes and from inside the boat, install the nuts onto the threaded stems. If you are using a fairing block outside the hull, you must use a similar block inside the hull to provide a level bearing surface. Tighten the nuts to 10ft/lbs. or use moderate pressure on an adjustable wrench. Do not over-tighten the nuts. If the hull or fairing block is wood, it will swell when wet.

Slide two of the O-rings over the temp/speed gauge and seat them one to each groove. Lubricate the O-rings and the inside of the temp/speed sleeve. Orient the gauge so that the arrow on the flange points forward and slide the gauge fully into the threaded housing.

Insert the clevis pin through the holes in the transducer housing and gauge. Insert the ring clip through the hole on the clevis pin.



Fairing Block Assembly to Hull

ROUTING THE CABLE

Connect the extension cables to the transducer housing and route the cable to your depthsounder. ***Route and secure the cable to avoid areas where it may be damaged or interfere with normal boating operations.***

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

Refer to your owner's manual for the correct procedure for installing the cable connectors to the Humminbird unit.

Your depthsounder is now ready for operation.

Store the Plug and O-rings for use when the gauge is removed.

CUSTOMER SUPPORT

Your Humminbird accessory is designed for trouble-free operation and is backed by the same one-year warranty as our depthsounders, VHF Marine-band radios, and GPS Navigation equipment. Refer to your Humminbird product Operations Manual for the specific details of this warranty. If you have any questions, call our toll free Humminbird Customer Support Hotline:

1-800-633-1468

Throughout the U.S. and Canada, hours are Monday-Friday, 8:00 a.m. to 5:00 p.m. Central time.

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