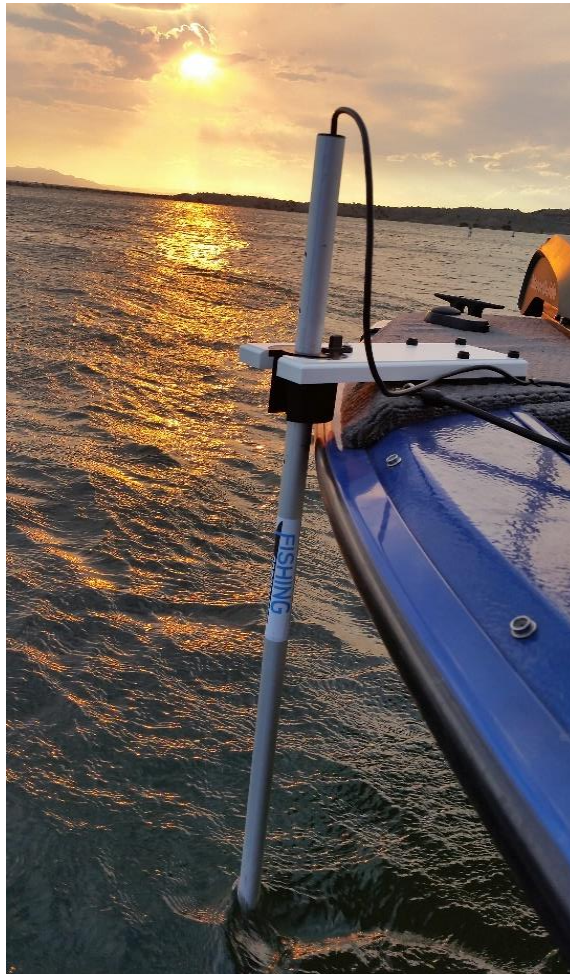




Bowducer Installation Instructions Humminbird 360



THANK YOU for ordering our Bowducer assembly!
If you need assistance or clarification during assembly, please give us a call at
719-640-4948

Typical parts in a Bowducer kit include:



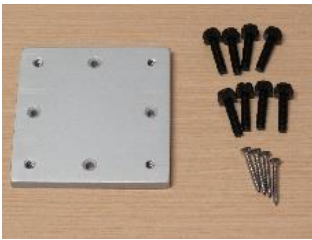
Baseplate Assembly



Index Piece



Mounting Hardware



Subplate



Pedestal



or Rail Mount system

Downrod with cone and coupler assembly:
Solid downrod for 360 Systems

Installation of Baseplate:

When selecting the baseplate location there are several things to consider:

1. Ensure that the downrod will be over the edge of the boat. Do not place it directly behind the trolling motor propwash as this may interfere with the sonar return.
2. After selecting your location outline it with tape or some other temporary marking. Check to be sure that the baseplate assembly will not cause interference with stowage of trolling motor or other items. Holding the baseplate to the boat, place the downrod in the cup and place it into position to be sure that the downrod clears the edge of the boat.
3. Use the baseplate or sub plate as a mounting hole location guide. Predrill 1/8 inch holes and secure with the stainless steel screws.



Tether Kit

Baseplates with removable sub plates, track and rail mounts, and pedestal mounts are supplied with a tether. The nylon thumbscrews will tend to snap when an obstacle is accidentally hit. Baseplates will flip into the water. The tether will hold it to the boat and prevent you fishing the baseplate from deep or murky water. One end of the tether cable is uncrimped so you can decide what length may be best for your boat. To crimp the ferrule simply slide it on and crimp use your fishing pliers or flatten the ferrule with a hammer!

Installation of Rail mount (Tracker/Lund) and Pedestals:

Rail mounted Bowducer assemblies use appropriate hardware/plates to secure to the rail of your particular boats. Two sets of nuts are supplied (locknuts for permanent installation or wing nuts for a removable installation).

Lund Boats utilize ExtremeMax plates (see instructions in the package for these plates. As these mounting systems utilize the ¼-20 Nylon Thumbscrew to hold the baseplate to the angle, we strongly recommend using the included tether to hold the baseplate to the boat.



Special note: 15 inch Marine Board baseplates are also supplied with small rubber standoffs as there will likely be some flex in the baseplate assembly. The rubber standoffs are to protect the boat gunwale.

Installation of the Transducer onto the Downrod:

**WHEN ASSEMBLING DOWNROD PARTS, ALWAYS REMOVE ALL SCREWS
SO YOU CAN EASILY LOCATE SCREW HOLES**

General 360 Mount Instructions:

1. Place all items (cones, strain relief, handles, etc.) onto the downrod – do not secure them. This includes the transducer mounting end, the cone, handles, and spare cone if ordered and the heat shrink strain relief
2. Remove the retaining screw for the downrod cone so it will not interfere with the cable connector.
3. Remove the trolling motor clamp system (if equipped) from the Humminbird downrod on the 360 unit
4. Pry the rubber strain relief from the top of the 360 pole
5. Run the cables through the 360 downrod assembly being sure that the collar as well as downrod cone and red strain relief are in position on the tube.
6. Place the Fishing Specialties downrod onto the Humminbird downrod and predrill for the screw (1/8 drill bit).
7. **This step may not be needed and it depends on the tightness of the collar to 360 shaft. Try to prefit the collar on the 360 shaft, if loose, continue with this step.** Mix epoxy. Epoxy is used to prevent movement at the joint. Only a little is needed, add to inside of collar for aluminum downrod and Humminbird downrod. The epoxy is not meant to hold the assembly. It is only to fill voids due to manufacturing tolerances on the tube, coupler, and 360 shaft.
8. Mount the two downrods into the coupler and secure the screws.
9. Press the strain relief ring into the top of the aluminum tube.

Index Piece:

The index piece is the cutout portion of the cup (the slot). If you mount it on the cone (on the downrod), then the downrod can only go into the cup in one way - thus providing a means of indexing the downrod. The 360 transducer will always be aligned to the boat - no matter how the base is mounted to the boat.



SPECIAL ACCESSORIES

Strain Relief ring:

To protect the cable exiting from the downrod, we supply a ring that is secured into the end of the downrod.

Pole Clips

Depending on your downrod, you may receive 1 inch pole clips or 1.25 inch pole clips. Before mounting, note that most transducers have more width than the height of the pole clip. It may be necessary to mount the clips to a standoff to give sufficient clearance to hold the downrod.

Extra Downrod Cone

IMPORTANT: Place cone on the downrod prior to running cables through the downrod

The Extra Downrod cone is generally mounted near the bottom of the downrod. Due to different weights of transducers, we leave it to the user to determine a proper location. Install the cone so that the downrod is bottom heavy or balanced. Remove the screw, locate the cone, drill 1/8 in hole thru the downrod, reinstall the screw.

Warranty

This Limited Warranty covers any defects in material or workmanship under normal use during the Warranty Period.

During the Warranty Period, Fishing Specialties will repair or replace, at no charge, products or parts of our product that prove defective under normal use due to bad material or workmanship.

What will we do to correct problems?

Fishing Specialties will either repair or replace the Product(s) at no charge.

How long does the coverage last?

The Warranty Period for products purchased from Fishing Specialties is 30 days from the date of purchase.

What does this limited warranty not cover?

This Limited Warranty does not cover any problem that is caused by impact, improper mounting, or other damage due to external forces.