

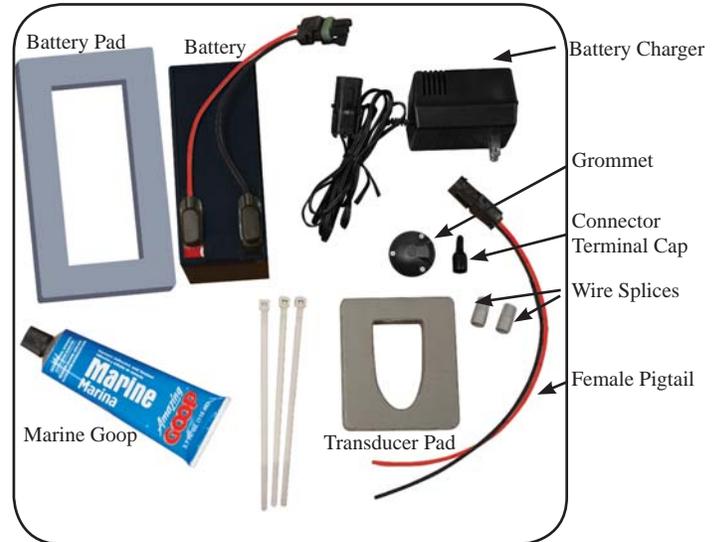
HOBIE FISH FINDER INSTALLATION KIT

Part # 72020039

FOR FULL SIZE FISH FINDERS

These instructions will guide you through the installation of the fish finder kit on your kayak. These are basic guidelines that will allow you to understand the kit, but keep in mind that all kayaks are slightly different and you can customize your installation many ways.

1. Review the contents of the kit and read the instructions before doing anything to your kayak. This way you will understand how the kit works and will be able to determine if there is anything you would like to change. The diagram shows all of the parts in this kit.



1. Locate a spot on the bottom of the kayak where you would like to mount the transducer for the fish finder. You will need to have a hatch near this area so that you can reach inside of the kayak to glue it in place. On MirageDrive® kayaks, we recommend that you put it between the mast base and mirage well as shown here.



2. Once you pick a spot, rough up the inside surface area of the kayak a little bit with some fine sandpaper so that the insulation pad will stick. Clean away any sand and debris from the designated spot for the insulation pad. Coat one side of the insulation pad with the marine goop in the kit and stick it to the surface that you scratched up. Put enough goop on the pad and press it down so that it squeezes out a little around the sides. You can also use 5 minute epoxy or superglue for a quicker drying time. Place some weight on the pad to hold it in position and allow it to dry 2-4 hours before moving onto the next step.



3. Fill the middle of the insulation pad with about 1/4"-1/2" of goop. Smooth out the goop with your finger (make sure to wear protective gloves) or a pop sickle stick to make sure that there aren't any voids or air bubbles. Air bubbles underneath the transducer can cause faulty readings.

4. Press the transducer from the fish finder package into the pool of goop that you squeezed into the middle of the insulation pad. Make sure that the transducer is pressed all the way in. Work the transducer into the goop by pressing side to side to get rid of any possible air bubbles. Clean up the excess goop that is squeezed out from inserting the transducer.



5. Allow the goop to dry as per the instructions on the glue packaging. Place some weight or tape on top of the transducer to keep it from shifting while drying. Let the goop dry as per the instructions on the tube.

6. With the transducer glued in place, now you should glue down the battery pad. This is an optional feature, but helps hold the battery in place inside the kayak. Find a location in the kayak that you would like the battery to sit. The surface should be as flat as possible. Rough up the surface with a little sandpaper and clean it thoroughly with some rubbing alcohol.

7. Place some GOOP on the bottom of the foam pad and press it to the floor of the kayak. If the floor has a lot of shape the foam piece may start to pop up. This is fine and should be allowed to dry in an undistorted state. Once the GOOP dries and is holding the block in place, place an additional bead of GOOP around the block and fill any voids. This will add more strength as the battery pad and battery have a tight fit. Use tape or weight to hold the pad in place while it dries.

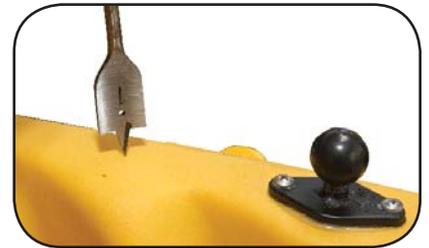
6. While the goop is drying, mount your fish finder display screen to the kayak in the location that you would like to have it. Follow the instructions and use the hardware that come with your fish finder mount kit. In this picture the RAM® full size Fish Finder mount (72023021) has been used so that the display is easily removed and can be adjusted. For the compact series of Fish Finders use the compact Fish Finder mount (72023007).

7. Locate a position that you would like the wires to come through the hull and drill a 1" hole. It should be close to where you have mounted the fish finder screen. In this picture we chose to drill the hole 1-1/2" forward of the RAM mount and fish finder screen.

8. Run the wiring up through the 1" hole you just drilled.

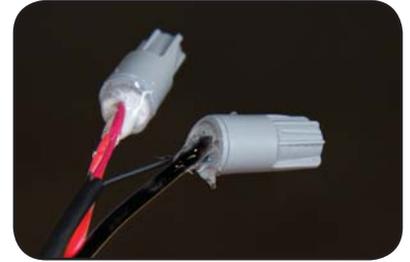
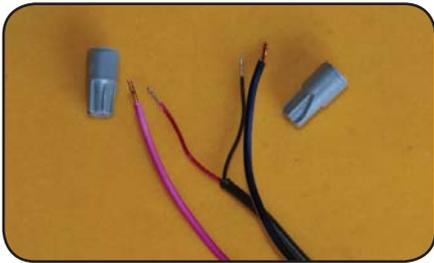
9. Place the cable waterproof fitting overtop of the wire coming out of the hull. With the rubber flap underneath the wire, screw down the plastic cover to the hull. Be careful not to overtighten the screws so that they strip out. They should just be snug.

10. This plastic fitting allows for a seal around the wire while still allowing the wire to be pulled and fed into the hull when not in use. If you want a more watertight and permanent mounting solution, place a small amount of marine GOOP around the wire before tightening down.



11. Locate the small red and black wires that are coming from the transducer power cable. You will need to connect these to the Pigtail wire assembly.

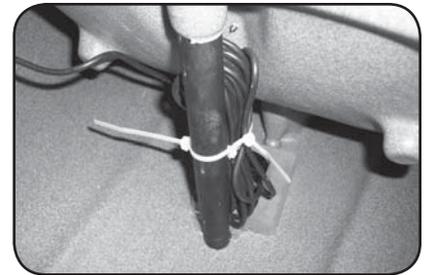
12. Take the end of the red wire coming from the transducer and place it next to the red wire coming from the Pigtail assembly. Put both wires into the wire nut and turn it clockwise to twist the wires together. Do this same procedure with the black wires coming from the transducer wire and Pigtail assembly.



13. Connect your transducer cable to the Fish Finder display screen. Connect the female pigtail to the male pigtail on the battery. Turn on the fishfinder and make sure everything is working. If everything is working ok, place some GOOP around where the wires enter the wire nut to make sure they are completely watertight.



14. Bundle up the extra transducer cable wire and lightly wrap a zip tie around it to keep it organized. DO NOT CUT THE EXCESS WIRES TO SHORTEN THEM! THIS WILL RUIN THE QUALITY OF THE SIGNAL TO THE TRANSDUCER. We also recommend that you zip tie the wire to something in the kayak to keep them from sliding around (like the mast base or scupper). If you have a large bundle, you can link the zip ties together to form a bigger loop. DO NOT PUT EXCESSIVE TENSION ON THE ZIP TIE. IT SHOULD ONLY HOLD ENOUGH PRESSURE TO HOLD THE WIRE IN PLACE.



15. Press the battery into the foam block to hold it in place.



16. After you are finished using your fish finder for the day, there is a rubber cap in this kit which goes over the end of the plug to keep it free of moisture and debris. It is also a good idea to coat your plugs with an anti-corrosive spray or gel after fishing in salt water.



A video of this install is available on YouTube, You can locate it by searching for our **HobieKayakTech** channel.

