

# Stand-N-Fish

## FULL DETAIL INSTALLATION INSTRUCTIONS

Thank you for purchasing the incredible new Stand-N-Fish Kayak Fishing System. Once installed on your kayak the Stand-N-Fish will take your kayak fishing enjoyment to a whole new level. We recommend that you carefully read through the entire installation instructions ***BEFORE*** you begin the installation process. If you encounter any problems during the process please stop and immediately contact us by e-mail ([standnfish@comcast.net](mailto:standnfish@comcast.net)) or phone (941-915-8159).

### IMPORTANT NOTES:

**PLEASE ACCESS OUR ONLINE VIDEO INSTALLATION GUIDE AT YOUTUBE. SIMPLY TYPE "STAND N FISH INSTALLATION" IN THE SEARCH LINE TO VIEW OUR 3-PART VIDEO SHOWING A FULL INSTALLATION**

**NOTE:** If you do **not** consider yourself fairly "handy" with projects such as this installation it would be beneficial to employ the help of a "handy" person to aid in the process.

**NOTE:** The rivets supplied are made to be used with kayaks. They expand to approximately ½" in diameter as they are installed. Keep this in mind when locating them. They should be installed in an area that allows enough room for them to expand. Use optional fasters (screws or bolts) if enough space is not available.

**NOTE:** Before beginning the installation process spread out and identify all of the parts on a table or the floor (use the towel or sheet to prevent scratching). A second person is needed for certain steps during the installation. The installation consists of 2 parts. **VERY IMPORTANT:** **First** you will install the leaning post system and **secondly** the pontoon system. Let's get started on the leaning post.

### Leaning Post installation:

1. The front edge (padded edge) of the leaning post should be located approximately even with the seat back on the kayak (see photo below).



2. The further back the more you will “lean” when in the standing position. To determine your preference spread the angled supports out (similar to how they will be when installed) and have someone hold the leaning post in place while you sit **AND** stand in the kayak. **NOTE: It is important to hold the front supports fairly vertical (or plumb) so you will get a true representation of the finished product.**
3. At the same time you are performing step #1 above you must locate the best orientation of the front mounting brackets that will attach to the kayak (these are the “U”-shaped brackets located at the base of the leaning posts supports that will be permanently riveted (or screwed ) to the kayak. (2) sets of holes are supplied at the base of the front supports that allow the brackets to be rotated 90 degrees if needed. Review your kayak at the location where the forward supports & brackets will be installed and determine which orientation will work best. **NOTE:** the U-brackets are designed in such a way that they will conform in a pivoting manner to unlevel surfaces.
4. After determining the desired location of the front supports hold the leaning post in place and mark the locations on the kayak where the fasteners will be installed (screws or rivets).
5. The “U” brackets may be riveted or screwed to the kayak. **If using rivets-** Make sure there is  $\frac{1}{2}$ ” of space for the rivets to expand then drill (4)  $\frac{13}{64}$ ” holes where you marked on the kayak. Remove the U-brackets from the front supports and rivet them into place using (4) of the  $\frac{3}{16}$ ” rivets supplied (these are the larger size). **If using screws-** drill (4)  $\frac{9}{64}$ ” holes and secure the “U” brackets using #12 x  $\frac{3}{4}$ ” screws. Now secure the front supports to the U-brackets using the stainless steel push pins that are attached to the supports.
6. Now it is time to install the rear (angled) supports. **IMPORTANT NOTE: when locating the “U” brackets for the rear supports make sure the front supports are fairly vertical.** You will note that the lower end of the angled supports have a short (2”) piece of tubing that can rotate which in effect creates a universal joint (much like your shoulder) in that the brackets can be rotated in both directions allowing them to conform to any surface angle. **NOTE:** the 2” pieces of tubing are shipped with a small amount of glue to hold them in place during installation. Simply grasp the “U” bracket and rotate it to “loosen” the glue. Locate the best place to rivet or screw the “U” brackets to the kayak. The most preferable place is on the outer edge as shown in the far left figure below.



However, the U-brackets can be mounted more to the inside (either on the vertical surface or flat in the rear deck). **NOTE: the wider the angled supports are spread out the better. Also NOTE: make sure the bottom of the “U” brackets are rotated back and forth a little until you find where they are “seated” best to the kayak before marking and installing them.**

7. Make sure the distance from the front (vertical supports) to the rear angled supports is the same on both sides of the kayak, then, mark the holes in the U-brackets, attach the “U” brackets as prescribed in the previous step. Now install the stainless steel push pins.
8. Securing the universal joint- measure down  $\frac{1}{2}$ ” from the joint between the angled support and the 2” piece of tubing at the lower end of the angled supports (see photo below). Mark and drill  $\frac{1-9}{64}$ ” hole and install 1 of the #8 x  $\frac{5}{8}$ ” pan head screws in each hole. These will act as “set screws” that lock the universal joints into a permanent position.



9. **NOTE:** If the push pins are difficult to push in you can run the 17/64" drill bit through the "U" brackets and the supports (just as you would the push pins) which will open up the hole slightly making it easier to install the push pins. Be careful not to open up the holes too much. Just 1 quick in and out of the drill bit will do the job.
10. Install rod holders- the rod holders are shipped with the rod holder, bolt, nut & mounting bracket all attached loosely together. Mount the 2 rod holders on the **INSIDE** of the angled supports as shown in the figures below. **NOTE:** there is a left and right version.



11. Install "X" bracing- first fasten the "X" bracing to the top of the angled supports using the pre-drilled holes and #8 x 5/8" pan head screws. **NOTE:** the "X" braces must be placed on the inside of the rod holders so as to form the letter "X". Now stand at the front of the kayak and visually "center" the leaning post by pushing the top of the leaning post to the left or right as needed. Hold the leaning post in place, swing the lower end of the "X" bracing so the hole is centered on the angled support and mark the holes. Drill 9/64" holes and install #8 x 5/8" pan head screws.
12. Install the tackle box bracket- drill a 9/64" hole at the intersection of the "X" braces (this is the center of the "X"). Install the tackle box bracket through the pre-drilled hole in the bracket and the hole that you just drilled using (1)- 1/2" x #6 bolt and (1) #6 lock nut at the intersection of the "X" braces.
13. Visually "level" the bracket. Now mark 2 locations just below (approximately 1-1/2") the bolt you just installed and over the "X" bracing (this will form a triangle pattern) and drill (2)-9/64" holes through the tackle box bracket **and** the "X" bracing at the same time, install (2) #6 x 5/8" bolts and #6 lock nuts.



14. Install the paddle keeper- The paddle keeper can be installed on either the left or right front (vertical) support using the pre-drilled hole in the support. **NOTE:** the paddle keeper is designed to pivot using friction to hold it in desired position. Tighten bolt and nut to achieve desired results.
15. Install drink holder- install drink holder on opposite support from the paddle keeper.

16. Finally, remove the leaning post from the kayak and turn it upside down. You will note that (1) #12 screw is missing from each of the (2) "U" brackets for the rear (or angled) supports. To install these, carefully **(not to drill all the way through the seat)** drill a pilot hole for the screws to a depth of ½" using the 5/32" drill bit. Then install a #12 pan head screw at each of the 2 locations.

**Pontoon system installation:**

**NOTE:** The installation package includes 3 options for attaching the lift channel to the kayak. #1)- 3/16" rivets; #2)- #10 bolts, lock nuts and washers; #3)- #14 x 1" screws. All 3 of these have been field tested and work fine. **NOTE:** You will need access to the inside of your kayak to use the bolts.

1. With the pencil lightly mark the center of the lift channel.
2. Lay the channel on the kayak- 1" (or more) behind the "U"-brackets for the angled supports. **NOTE:** The lift channel can be located farther behind the leaning post which is sometimes necessary when considering space for a milk crate or bait well system. However, the distance between the lift channel and the "U" brackets must be the same on each side. Center the lift channel by measuring from the center mark (you made on the channel) to each side of the kayak. Mark the inside of the channel where the fasteners (rivets, bolts or screws) will be installed to the kayak. Also, mark on the kayak (with pencil) where the lift channel is sitting. **NOTE:** The fastener holes should be ¼" from the bottom edge of the channel so that the rivet or screw heads will clear the vertical edges of the channel when installed.
3. Remove the channel from the kayak and set it on a piece of wood. Or the channel can be left on the kayak and shifted so the holes can be drilled **without** drilling into the kayak. If using rivets or bolts drill (4) 13/64" holes (2 on each side) at the locations marked. If using #14 x 1" screws use the 17/64" drill bit for these holes.
4. Replace the channel to the centered position on the kayak (1", or more, behind the "U" brackets) then mark the holes on the kayak and (if using rivets or bolts) drill (4)-13/64" holes into the kayak. **NOTE:** if using #14 x 1" screws drill 3/32" pilot holes.



5. Rivet, bolt or screw the main channel to the kayak using the selected fastener.
6. Now locate the following items needed to install the Pulley/Rope system: (2)-pulleys, (2)-8 ft. pieces of 3/16" black nylon cord with pulleys attached, (2)-black jamb cleats, (4)- #8 x ½" pan head screws, (2)-stainless steel pad eyes, (4)-1/8" rivets (these are the smaller of the supplied rivets)
7. Install the (2)-black jamb cleats. They should be located approximately even with your hip when in the seated position. **NOTE:** If you use a paddle strap to hold your paddle on the sides of the kayak the jamb cleats should be located just below the paddle when it is strapped to the side of the kayak so they do not interfere with each other. Mark the holes and drill 3/32" pilot holes then screw them into position. **BE CAREFUL** not to over-tighten these screws. **NOTE:** there is a front and back

position for the jamb cleats. They should be installed so when the cord is threaded from the rear and then pulled from the rear it is grabbed by the cleat and will not move.

8. Use the (4)-1/8" rivets to install the (2) pad eyes with the pulley several inches behind the jamb cleats and slightly lower as shown in the figure below. Hold the pad eye in place then mark the location, drill 5/32" holes followed by riveting the pad eyes with pulley into place. **NOTE**: the location is not terribly critical. We just do not want the ropes to interfere with one another. **VERY IMPORTANT- make sure you place a pulley on the pad eye before riveting it to the kayak.**



9. Locate the (2)-1" x 2" pontoon lift arms and install the pontoons onto them using the (2)-5/16" washers and (2) -5/16" wing nuts. **NOTE**: There is a left and right pontoon. The front of the pontoon is the raised end. **NOTE**: install the 1" x 2" lift arms to the pontoons with the "PATENT PENDING" stickers facing up.
10. Now install the lift arms (with the pontoons installed on them) into the lift channel. **NOTE**: you will find it easiest to perform this task by holding the lift arm next to the pontoon with one hand then sliding the end of the lift arm onto the lift channel at angle as shown below (under the lift brackets).



11. Rigging the lift cords- The (2)-8 ft. long lift cords are shipped with a loop tied in one end and a pulley installed on the loop. Place the loop that contains the pulley on the black, nylon hook (that is on the 1" x 2" pontoon arm) then pass the other end of the cord through the pulley that you attached to the kayak in the previous step, then through the other pulley (that is attached to the loop), and

finally through the rear of the jamb cleat. Now place the lift cords (with them still attached to the black hooks) into the lift brackets then pull the end of each lift cord (this is the end that is threaded through the jamb cleat) forward and lift the pontoons to the raised position and lock them into the jamb cleats (see photo below). Then lower the pontoons back down by lifting the cords out of the jamb cleats and loosening the cords so the pontoon will go down.



12. Installing the pull balls- Make sure the pontoons are in the down position. Now locate the (2)-black, nylon pull balls. To perform this you will work on one side (and one cord) of the kayak at a time. Pull the lift cord just to a snug position (you should **NOT** be moving the spring-loaded latch on the pontoon lift arm at all- if you are, loosen the cord slightly). Hold the cord with your thumb and forefinger right where it comes out of the jamb cleat and with your other hand lift the cord out of the lift bracket to provide enough slack in the line to remove the loop from the black nylon hook (all the time holding the cord in your thumb and forefinger). **NOTE:** a 2<sup>nd</sup> person may be needed to help with this. Slip a black nylon pull ball on the end of the cord and tie a knot where you have been holding the cord with your thumb and forefinger. Perform the same operation on the other cord (on the other side of the kayak).
13. Now, again, lift both pontoons up by pulling the lift balls. This will tighten all of the knots at the pull ball locations. If there appears to be too much slack when the pontoons are in the down position, take the lift cords out of the lift brackets and re-tie the knots (at the pull balls) to reduce the slack. Now trim the tag ends and melt with a lighter (or matches). A little slack is fine. **NOTE:** after the cords get wet during the first use or two the cords may need to be retied by simply loosening and moving the knots.

**Anchor system (optional):**

The Stand-N-Fish works well with either a stake out pole or an anchor and rope. In most cases the stake out pole can be secured to the leaning post (at the upper part of the angled support on the leaning post) using a

piece of small diameter (1/4") bungee cord and lifted up and down through the holes in the rear of the kayak (behind the seat). Obviously, if your kayak does not have drain holes in the rear area this is not an option.

As for the anchor system, the installation hardware package includes a pulley, pad eye with (2) 1/8" rivets, jamb cleat and (2) #8 x 1/2" pan head screws to install an anchor system. If you plan on utilizing this system you will need to separately purchase 3/16" anchor line of desired length and an additional fairlead (small plastic type) for the location where the anchor exits the kayak.

**NOTE:** the jamb cleat should be located on the angled support right next to the rod holder and on the side opposite the paddle keeper so the anchor line (and anchor) will not interfere with the paddle. We have found that a small, 3 pound, plow type anchor works best for this set up. Keep an eye on our website as we have plans to offer stake-out poles, anchors and other accessories in the coming months.

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