



OXBOW ASSEMBLY INSTRUCTIONS

Thank you for purchasing an Oxbow fishing craft, purpose-built for adventure anglers.

Scan this code to find video assembly instructions as well as added tips how-tos.



OXBOW 85

RAFT

- (1) Oxbow 85 Raft
- (1) NRS Super 2 HP Pump
- (1) Repair Kit
- (1) Owner's Manual

STANDARD FRAME

1. (2) Slot Rails
2. (1) Seat Frame Assembly
3. (2) Mini Oar Mounts
4. (1) Foot Brace w/ NRS Strap
5. (1) Stripping Apron w/ Breakaway D-rings
6. (1) Storage Base / Box Combo + hardware
7. (2) Mini Atomic Oarlocks + split rings
8. (2) LT Advantage 6' Oar Shafts
9. (2) Mini Oar Sleeves
10. (2) Mini Helix Blades
11. (2) Oar Rests
12. (4) 3' NRS Straps
13. (2) 4' NRS Straps



HARDWARE & TOOLS (INCLUDED)

- (4) 5/16-18 x 3/4" Hex Bolts
- (4) 5/16-18 x 5/8" Hex Bolts
- (8) T-Slot Nuts
- (8) Flat Washers
- (2) T-Bolts
- (1) NRS Frame Wrench

TOOLS REQUIRED

- NRS Frame Wrench (included)

Note: The NRS Frame Wrench includes a 1/2" socket on one end and a #3 Phillips screwdriver on the other.

- Thread Lock (included)
- Tape Measure

ASSEMBLY INSTRUCTIONS

NOTE: A tube of Thread Lock has been included for assembly purposes. Thread Lock can be applied to any bolt or screw to prevent unwanted loosening over time.

1. Inflate Raft

- Ensure all valves are in the closed position.
- Inflate the **Oxbow 85 Raft** using the provided **Super 2 HP Pump** or an electric pump.
 - Note: For optimal results, partially inflate all chambers before bringing any one chamber up to pressure (2 PSI).

2. Position Slot Rails

- Center the (2) **Slot Rails** on top of the straight tube sections on each side of the raft.
- Slide (4) **T-Slot Nuts** into the **Slot Rail — Left** from the bow end direction.
- Slide (1) **T-Slot Nut** into the **Slot Rail — Right** from the bow end direction, then (2) **T-Bolts** (for mounting the Storage Box), then the remaining (3) **T-Slot Nuts**.
 - Note: The single **T-Slot Nut** should be towards the stern of the watercraft.
 - Note: The **Slot Rail — Right** will have the mounting hardware for the Storage Box.

3. Attach Seat Frame Assembly

- Position the **Seat Frame Assembly** over the **Slot Rails**. Align (4) **5/16-18 x 3/4" Bolts** and (4) **Flat Washers** with the stern-most (2) **T-Slot Nuts** installed in step 2.
 - DO NOT completely tighten.**

4. Attach Mini Oar Mounts

- Position the **Mini Oar Mount — Right** on the **Slot Rail — Right**. Align **Mini Oar Mount** holes with the bow-most (2) **T-Slot Nuts** installed in step 2.
- Pair **5/16-18 x 5/8" Bolts** and (2) **Flat Washers** with the (2) **T-Slot Nuts**.
 - DO NOT completely tighten.**
- Repeat steps a. and b. with remaining **Mini Oar Mount** and **Slot Rail — Left**.

5. Attach Storage Base / Box Combo

- Place the **Storage Box Base** over the (2) **T-Bolts** on the **Slot Rail — Right** and attach using provided thumb screws. Tighten until snug.
- Snap **Storage Box** onto **Base** by pressing down firmly on box lid while box is shut.

6. Attach Foot Brace

- Determine desired location for the **Foot Brace**.
 - Note: There are 3 D-ring locations for the **Foot Brace** to accommodate different rower's heights.
- Center integrated **NRS Strap** buckle (provided) on the **Foot Brace**. Rotate **Foot Brace** so the buckle is positioned away from rower's seat, toward the open bow.
- Thread the **NRS Strap** through the slot on the **Foot Brace** end cap, around the D-ring on the inside of the tube, and through the **Foot Brace** tube.
 - Tip: Crease the strap lengthwise for ease when threading.
- Thread **NRS Strap** around the D-ring on the inside of the opposite tube, through the slot on the **Foot Brace** end cap, and back through the **NRS Strap** buckle.
- Pull down firmly on strap to tighten and tuck excess tail under buckle.

7. Tighten All Bolts on Slot Rail Components

- Use tape measure to fine tune component position.
- Secure all components attached to **Slot Rails** by completely tightening all assembly bolts.

8. Attach Frame Straps & Oar Rests

Use the (4) **3' NRS Straps** (provided) to secure the **Frame** to the **Raft** through the (4) **exterior D-rings**, two toward the bow and two toward the stern. Use the (2) **4' NRS Straps** to secure **Frame** and **Oar Rests** to Raft through the (2) **interior bow D-rings**.

- Follow instructions on **Oar Rests** and install at back left and right locations.
 - Pass a **3' NRS Strap** through the stern D-ring. Feed the tail through the **Oar Rest**, underneath the **Seat Frame cross bar**, back through the **Oar Rest**, and through the **NRS Strap** cam. Cinch to tighten. Repeat on opposite side.
- Pass a **3' NRS Strap** through the **exterior bow D-ring — Right**. Feed the tail through the slot on the front edge of the **Mini Oar Mount — Right**, back through the **NRS Strap** cam. Cinch to tighten.
 - Repeat step b. on the left.
- Pass a **4' NRS Strap** through the **interior D-ring — Right**. Feed the tail underneath the **Slot Rail — Right**, up through the center of the **Mini Oar Mount — Right**, and back through the **NRS Strap** cam. Pull down on strap to tighten.
 - Repeat step c. on the left.
- Pull down firmly to tighten all (6) **NRS Straps**. Tuck excess tail on all straps under the webbing to reduce fly line snag points.

Tip: Pass the **NRS Strap** through the D-ring, then through the slot above the cam and back through the D-ring, doubling the strap on itself before feeding remaining tail through the **Oar Rests** or **Oar Mounts**.

9. Attach Oarlocks

- a. Slip (1) **Mini Atomic Oarlock** into the hole at the top of the **Mini Oar Mount — Right**.
- b. Feed the split ring through the hole in the bottom of the oarlock shank.
- c. Repeat steps a. and b. with remaining **Mini Atomic Oarlock** and **Mini Oar Mount — Left**.

10. Attach Oar Sleeves

- a. Slide (1) **Mini Oar Sleeve** onto (1) **LT Advantage Oar Shaft** to the desired position, with the integrated oar stop toward oar handle.
 - i. Tip: The oar shafts should have a fist's width between the oar handles when oars are in the horizontal resting position.
- b. Tighten adjustment bolts with the screwdriver end of the **NRS Frame Wrench** until sleeve is firmly in place.
 - i. **DO NOT overtighten.**
- c. Repeat steps a. and b. with remaining **Mini Oar Sleeve** and **LT Advantage Oar Shaft**.

11. Attach Oar Blades

- a. Install (2) **Mini Helix Blades** into the (2) **LT Advantage Oar Shafts**.
 - i. Tip: Depress button on blade shaft. Slide Mini Helix Blade into LT Advantage Oar Shaft opening. Align button with hole on oar shaft to lock blade. Note: The Helix logo should be upright when assembled oars are placed in oarlocks.

12. Attach Stripping Apron

- a. Position **Stripping Apron** over seat, right-side up. Locate the (4) **Breakaway D-rings** and pinch buckles.
- b. Attach **Breakaway D-rings** to the (2) **Mini Oar Mounts** and seatback frame using the attached hook-and-loop material.
 - i. Thread hook-and-loop strap through the stern-most slot on the (2) **Mini Oar Mounts**.
 - ii. Wrap hook-and-loop straps around seatback frame.
- c. Note: **Breakaway D-rings** will release under pressure for angler safety. To enter and exit the **Stripping Apron**, use the (4) pinch buckles.

13. Top up raft to desired PSI with included **Super 2 HP Pump** before use.