



APPROACH ASSEMBLY INSTRUCTIONS

Thank you for purchasing an Approach raft, purpose-built for adventure anglers.

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



APPROACH 138

RAFT

- (1) Approach 138 Raft
 - (1) Approach 138 Dropstitch Floor
 - (2) Floor Straps
- (1) NRS Super 2 HP Pump
- (1) Repair Kit
- (1) Owner's Manual

STANDARD FRAME

- (2) Slot Rail
- (1) 34" Approach Foot Bar (2) T-Slot Nuts + (2) 3/4" Bolts + (2) Washers
 - 2.1 Intermediate Pulley
- (2) Dry Box + (8) 5/8" Bolts + (8) T-Slot Nuts + (8) 1-1/4" Washers (large)
- (2) Folding Seat + (12) Bolts (included on seats)
- (2) Straight Rod Tube
- (2) Bow Rod Tube Bracket (2) 3/4" Bolts + (2) T-Slot Nuts + (2) Washers + (2) 1/2" Screws
- (4) Stern Rod Tube Combo Bracket (4) 3/4" Bolts + (4) T-Slot Nuts + (8) Washers + (8) 1/2" Screws
- (7) Frame Coupler
- (1) Bow Rod Tube - Left
- (1) Bow Rod Tube- Right
- (2) Stern Rod Tube
- (1) Anchor Tube - Right + (1) U-Bolt + (2) Nuts + (2) Washers
 - 12.1 (1) Pulley Bracket
- (1) Anchor Tube - Left + (1) U-Bolt + (2) Nuts + (2) Washers
 - 13.1 (1) Anchor Eye Bolt
- (1) Motor Mount + (2) Mounting Plate + (1) Connector Plate + (2) 1-1/2" Screws
- (1) Molded Thigh Hook + (4) Bail Pins
 - 15.1 (2) Front Hook Support + (2) U-Bolt + (4) Nuts + (4) Washers
 - 15.2 (2) Rear Hook Support + (2) U-Bolts + (4) Nuts + (4) Washers
- (1) Oar Mount w/ SpinLock + (2) 5/8" Bolts + (2) T-Slot Nuts + (2) Washers
- (1) Oar Mount + (2) 5/8" Bolts + (2) T-Slot Nuts + (2) Washers
- (2) NRS Atomic Oar Locks + Springs + Washers + Split Rings
- (1) Stern Cross Bar
- (1) Stern Seat Bar
 - 20.1 (1) Universal Seat Mount w/ Swivel + (4) 1/4" Bolts + (8) Washers + (4) Nuts
- (40') 3/8" Anchor Rope
- (4) 1" NRS Straps - 3' Length
- (2) 1" NRS Straps - 4' Length

TOOLS REQUIRED

- Socket Wrench
- 7/16" Socket
- 3/8" Socket
- 1/2" Socket (included on provided NRS Frame Wrench)
- 7/16" Open-End Wrench
- #3 Phillips Screwdriver (included on provided NRS Frame Wrench)
- Tape Measure
- Thread Lock (provided)
- Aquaseal (provided)



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 **Approach 138 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

- Place (2) **Slot Rails** centered on top of the straight tube section on each side of the raft.

3. Attach 43" Approach Foot Bar

- Slide a **T-Slot Nut** into each of the **Slot Rails** approximately 17-19" from the front.
- Place **Foot Bar** on top of the **Slot Rails** with the fitting thru holes and **T-Slot Nuts** aligning, and the bent part of the bar dipping toward the raft floor.
 - The rectangular boss on the Slot Pro fittings should fit into the slot on the **Slot Rails**.
- Attach **Foot Bar** to the **Slot Rails** with (2) 3/4" Bolts and (2) Washers and tighten with 1/2" socket wrench.
 - COMPLETELY tighten bolts.
 - Note: **The Foot Bar** should be located the same distance from the front of each **Slot Rail**.

4. Attach Folding Seats

- Attach (2) **Folding Seats** to the top of (2) **Dry Boxes** with bolts (taped to the underside of the seat), finger-tighten to align all four holes and bolts.
 - The front of the angler's seat should face the side of the dry box that opens (latch side).
 - The front of the rower's seat should face the side of the dry box that does **not** open (hinge side).
 - Apply **Aquaseal** to (4) holes in the bottom of the seat before inserting bolts.
 - COMPLETELY tighten bolts with 3/8" socket wrench.

5. Attach Bow Rod Tube Brackets

- Slide (1) **T-Slot Nut** into each **Slot Rail** approximately 15-17" from the front.
- Place (1) **Bow Rod Tube Bracket** at the front of each **Slot Rail**.
- Align **T-Slot Nuts** in each **Slot Rail** with the **Rod Tube Bracket** thru holes.
- Attach **Rod Tube Brackets** to the **Slot Rails** with (2) 3/4" Bolts and (2) Washers.

DO NOT completely tighten.

6. Attach Angler's Dry Box

- Slide (2) **T-Slot Nuts** into each **Slot Rail** from the front (4 total, 2 in each side).
- Place (1) **Dry Box** on top of each **Slot Rail** towards the front

(2 total).

- Align **T-Slot Nuts** in each **Slot Rail** with the **Dry Box** thru holes.
- Attach **Dry Box** to the **Slot Rails** with (4) 5/8" Bolts and (4) Washers (large) using a 1/2" socket wrench.
- Repeat steps b. through d. with second **Dry Box**.

DO NOT completely tighten.

7. Attach Oar Mount w/ SpinLock

- Slide (2) **T-Slot Nuts** into the **Slot Rail** — Right, from the back.
- Place **Oar Mount** w/ SpinLock just forward of center of the **Slot Rail** — Right.
- Align **T-Slot Nuts** in the **Slot Rail** — Right with the **Oar Mount w/ SpinLock** thru holes.
- Attach **Oar Mount** to the **Slot Rail** — Right with (2) 5/8" Bolts and (2) Washers.

DO NOT completely tighten.

8. Attach Oar Mount

- Slide (2) **T-Slot Nuts** into the **Slot Rail** — Left, from the back.
- Place **Oar Mount** just forward of center of the **Slot Rail** — Left, straight across from the **Oar Mount w/ SpinLock**.
- Align **T-Slot Nuts** in the **Slot Rail** — Left with the **Oar Mount** thru holes.
- Attach **Oar Mount** to the **Slot Rail** — Left with (2) 5/8" Bolts and (2) Washers.

DO NOT completely tighten.

9. Attach Rower's Dry Box

- Slide (2) **T-Slot Nuts** into each **Slot Rail** from the back (4 total, 2 in each side).
- Place **Dry Box** on top of the **Slot Rails** 2-1/2" from the back of the rails.
- Align **T-Slot Nuts** in each **Slot Rail** with the **Dry Box** thru holes.
- Attach **Dry Box** to the **Slot Rails** with (4) 5/8" Bolts and (4) Washers (large) using a 1/2" socket wrench.

DO NOT completely tighten.

10. Attach Stern Rod Tube Combo Brackets

- Slide (2) **T-Slot Nuts** into each **Slot Rail** from the back.
- Position **Stern Rod Tube Combo Brackets** 17" forward from the back of the rails.
- Align **T-Slot Nuts** in each **Slot Rail** with the **Stern Rod Tube Combo Bracket** thru holes.
- Attach **Stern Rod Tube Combo Brackets** to the **Slot Rails** with (4) 3/4" Bolts and (4) Washers.

DO NOT completely tighten.

11. Attach Straight Rod Tubes

- Place **Straight Rod Tubes** on top of each **Slot Rail**. There are 5 holes in each rod tube. The group of 3 holes goes towards the stern. There are two countersunk holes with a 1/4" drain hole between.
- Align **Straight Rod Tube** countersunk holes with the threaded holes in the **Rod Tube Brackets**.
- Attach the **Straight Rod Tubes** to the **Rod Tube Brackets** with (6)

1/2" screws and a #3 Phillips screwdriver.

- i. **COMPLETELY** tighten screws.

12. Tighten all bolts on Slot Rail components

- a. Ensure **Dry Boxes, Seats, Oar Mounts** and **Approach Foot Bar** are in their desired positions.
- b. Firmly secure all components attached to the **Slot Rails** by completely tightening all assembly bolts.

13. Attach Bow Rod Tubes

- a. Slip (1) **Frame Coupler** over the front of each **Straight Rod Tube** (2 total—1 each side).
- b. Attach (2) **Bow Rod Tubes** by slipping the **Frame Coupler** halfway onto each tube.
 - i. Use **Frame Coupler** window to make sure each **Bow Rod Tube** and **Straight Rod Tube** connect at the center of the **Frame Coupler**. **DO NOT** completely tighten.
- c. Slip (1) **Frame Coupler** over the front end of a **Bow Rod Tube**.
- d. Connect the (2) **Bow Rod Tube** ends by slipping the **Frame Coupler** halfway onto each tube.
 - i. Use **Frame Coupler** window to make sure the **Bow Rod Tubes** are centered in the **Frame Coupler**. **DO NOT** completely tighten.

14. Connect Molded Thigh Hook and Front Hook Supports

- a. Slide (2) **Front Hook Supports** into the **Molded Thigh Hook** posts on its underside.
- b. Attach **Molded Thigh Hook** to the (2) **Front Hook Supports** by installing and clipping the (2) **Bail Pins**.

15. Attach Bow Molded Thigh Hook

- a. Attach (2) **Front Hook Supports** to the front of the **Bow Rod Tubes**.
 - i. Assemble with (2) U-Bolts from the underside of the tube with threads running through the (2) LoPro holes.
 - ii. Place washers on threaded ends of the U-Bolts, tighten nuts onto the LoPros. **DO NOT** completely tighten.
 - iii. Center **Molded Thigh Hook** at the front of the frame and adjust so that the top is horizontally level. **COMPLETELY** tighten U-Bolt nuts.

16. Attach Anchor Tube — Right

- a. Insert **Anchor Rope** through the pulley end of the **Anchor Tube — Right** and run completely through the tube.
- b. Attach **Anchor Tube — Right** to the **Stern Rod Tube Combo Brackets**.
 - i. Assemble with (2) U-Bolts from the underside of the **Anchor Tube**, with threads running through the **Rod Tube Combo Brackets**.
 - ii. Place washers on threaded ends of the U-Bolts and tighten nuts. **DO NOT** completely tighten.

17. Attach Anchor Tube — Left

- a. Attach **Anchor Tube — Left** to the **Stern Rod Tube Combo Brackets**.
 - i. Assemble with (2) U-Bolts from the underside of the **Anchor Tube** with threads running through the **Rod Tube Combo Brackets**.
 - ii. Place washers on threaded ends of the U-Bolt and tighten nuts

using a 1/2" socket wrench. **DO NOT** completely tighten.

18. Connect Anchor Tubes

- a. Slip (1) **Frame Coupler** over the back end of an **Anchor Tube**.
- b. Connect the (2) **Anchor Tube** ends by slipping the **Frame Coupler** halfway onto each tube.
 - i. Use **Frame Coupler** window to make sure the **Anchor Tubes** are centered in the **Frame Coupler**. **DO NOT** completely tighten.

19. Attach Stern Rod Tubes

- a. Slip (1) **Frame Coupler** over the back of each **Straight Rod Tube** (2 total — 1 each side).
- b. Attach (2) **Stern Rod Tubes** by slipping the **Frame Coupler** halfway onto the tube.
 - i. Use **Frame Coupler** window to make sure the **Stern Rod Tube** and **Straight Rod Tube** connect at the center of the **Frame Coupler**. **DO NOT** completely tighten.
- c. Slip (1) **Frame Coupler** over the back end of a **Stern Rod Tube**.
- d. Connect (2) **Stern Rod Tube** ends by slipping the **Frame Coupler** halfway onto each tube.
 - i. Use **Frame Coupler** window to make sure the **Stern Rod Tubes** are centered in the **Frame Coupler**. **DO NOT** completely tighten.

20. Attach Connector Plate

- a. Remove all (4) Bolts on the (2) **Frame Couplers** at the stern.
- b. Connect (2) **Frame Couplers** to the **Connector Plate** using all (4) Bolts. **COMPLETELY** tighten all (4) Bolts.

21. Attach Motor Mount

- a. Assemble (2) **Mounting Plates** over the center of the **Anchor Tubes** and **Stern Rod Tubes**.
 - i. Attach **Mounting Plates** with (2) 1-1/2" screws using a #3 Phillips screwdriver. The screw heads should be outside of the stern frame. **COMPLETELY** tighten Screws.

22. Tighten Frame Couplers

- a. **COMPLETELY** tighten the remaining (5) **Frame Couplers** on the raft frame with a 1/2" socket wrench.

23. Attach 32" Stern Cross Bar

- a. Attach 32" **Stern Cross Bar** by spanning across the left and right **Anchor Tubes**.
 - i. Assemble with (2) U-Bolts on the underside of the tube with threads running through the (2) LoPro holes.
 - ii. Place washers on threaded ends of the U-Bolts and tighten nuts onto the LoPros.

24. Connect Molded Thigh Hook and Rear Hook Supports

- a. Slide (2) **Rear Hook Supports** into the **Molded Thigh Hook** posts on its underside.
- b. Attach **Molded Thigh Hook** to the (2) **Rear Hook Supports** by installing and clipping the (2) Bail Pins.

25. Attach Stern Molded Thigh Hook

- a. Attach (2) **Rear Hook Supports** to the **Stern Cross Bar**.
 - i. Assemble with (2) U-Bolts on the underside of the tube with threads running through the (2) LoPro holes.
 - ii. Place washers on threaded ends of the U-Bolts, finger-tighten

- nuts onto the LoPros. **DO NOT** completely tighten.
- iii. Center **Molded Thigh Hook** on the **Stern Cross Bar** and adjust so that the top is level. **COMPLETELY** tighten U-Bolt nuts.

26. Attach Stern Seat Bar

- a. Attach **Stern Seat Bar** by spanning across the left and right **Stern Rod Tubes**.
 - i. Assemble with (2) U-Bolts on the underside of the tube with threads running through the (2) LoPro holes.
 - ii. Place washers on threaded ends of the U-Bolts, finger-tighten nuts onto the (2) LoPros.
- b. Place **Universal Seat Mount** onto center of **Stern Seat Bar**.
 - i. Assemble with (2) U-Bolts on the underside of the tube with threads running through the (2) LoPro holes.

27. Attach Swivel Seat

- a. Attach **Swivel** to remaining **Folding Seat** with bolts (taped to the underside of seat).
 - i. **COMPLETELY** tighten bolts with 3/8" socket wrench.
- b. Attach **Swivel Seat** to **Universal Seat Mount** with (4) 1/4" Bolts, (8) Washers, and (4) Nuts.
 - i. Place a Washer on each Bolt, feed Bolt from the top down, through the Swivel and down through the **Universal Seat Mount**. Add another Washer and Nut on the underside to secure the bolt. **DO NOT** completely tighten.
 - ii. Repeat above process on remaining 3 corners.
 - iii. Tip: Use a 7/16" open-end wrench to hold the Bolt head. Tighten Nut with 7/16" socket wrench.

28. Attach Straps — Side Tubes

Use (4) **3' NRS Straps** to secure the Approach frame to the raft through the (4) side D-rings.

- a. Feed the end of the **NRS Strap** underneath the **Slot Rail**, around the Bracket, and back through the D-ring on the side of the raft tube.
- b. Run the strap end through the locking cam of the strap. Pull strap to tighten.
 - i. Repeat steps a. and b. until the frame is secured through all four D-rings.
- c. Firmly pull down on each **NRS Strap** to secure the frame to the raft. The frame should be centered on top of the tubes.

29. Attach Straps — Front Frame

Use (1) **4' NRS Strap** to secure the Approach frame to the raft through the front D-ring.

- a. Feed the end of the **NRS Strap** underneath the **Slot Rail** on one side of the **Frame Coupler**, down through the D-ring on the bow raft tube, and back underneath the **Slot Rail** on the other side of the **Frame Coupler**.
- b. Run the strap end through the locking cam of the strap. Pull strap to tighten.
- c. Firmly pull down on the **NRS Strap** to secure the frame to the raft.

30. Attach Straps — Back Frame

Use (1) **4' NRS Strap** to secure the Approach frame to the raft through the back D-ring.

- a. Feed the end of the **NRS Strap** over an **Anchor Tube** on one side of the stern, down through the D-ring on the stern raft tube, and back over the other **Anchor Tube**.
- b. Run the strap end through the locking cam of the strap. Pull strap to tighten.
- c. Firmly pull down on the **NRS Strap** to secure the frame to the raft.

31. Install Anchor Rope

- a. Secure the tail end of the **3/8" Anchor Rope** to the eyebolt on the frame's stern using a bowline knot.
- b. Attach **Anchor Rope Guide** to the stern D-ring and run **Anchor Rope** through the **Anchor Rope Guide** ring.
- c. Thread the **Anchor Rope** from the **Anchor Tube — Right**, inside the raft, under the **Rower's Dry Box**, through the **SpinLock Anchor Cam Lock** and around the **Intermediate Pulley**.
- d. Pull the free end of the **Anchor Rope**, passing rope through pulley until the remaining rope is inside on the floor of the raft.

32. Attach Rod Tube Loops

- a. Run the bungee loop down through one of the holes on the **Straight Rod Tube**, back up through the other hole on the **Straight Rod Tube**, and back through the middle of the two bungee cords at the pull tab.
- b. Pull on the **Bungee Rope** tab to secure the **Rod Tube Loop**.
- c. Repeat for all four **Rod Tube Loops**.

33. Attach Rod Tube Trim

- a. Attach **Rod Tube Trim** around the curved edges at both end of the **Straight Rod Tube** slots.
- b. Secure the trim by firmly pressing into place.

34. Check that all bolts are fully tightened.

35. Fully inflate raft (2 PSI) before use.