

# BASE FLOAT PACKAGE

## Assembly Guidance

Thank you for purchasing the Base Float Package. This guide provides general assembly guidance and recommended practices for integrating the included components into a custom-built floating platform or watercraft.

The following steps outline one commonly used frame configuration for integrating the pontoon floats. Final dimensions, materials, and layout may vary based on your specific design, materials, and intended use.

### For this example configuration:

**Step 1:** Cut all 2x4 boards to these lengths:  
**(2) @ 90" | (7) @ 43" | (2) @ 46"**

**Step 2:** Arrange the 90" and 46" boards to form a rectangular perimeter frame. In this configuration, the 46" boards are positioned at the ends of the 90" boards, resulting in an overall length of approximately 93".

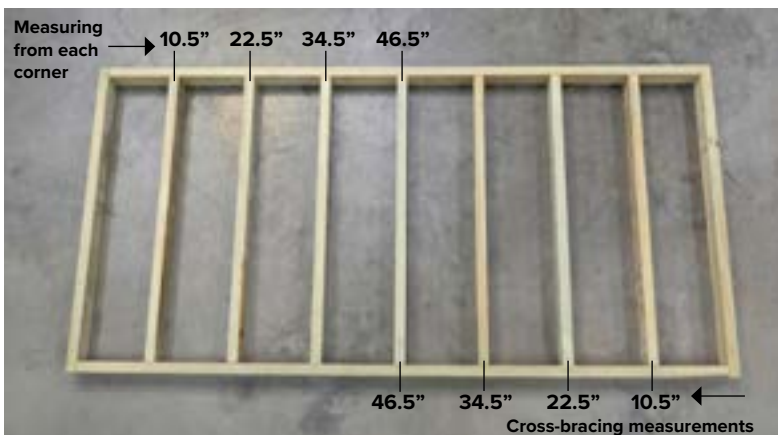
**Step 3:** Secure the perimeter at each corner using appropriate fasteners (such as wood screws), ensuring all joints are square and flush. See Figure 1 for a reference example.

**Step 4:** Mark the inside of the frame for placement of cross members. The following measurements represent one common spacing layout (measured from each end). Refer to Figure 3 for an example.

**10.5" | 22.5" | 34.5" | 46.5"**

**Step 5:** Position the (7) cross members (43") inside the frame, aligning them with your marks. Check both diagonals of the frame to confirm it is square, and adjust as needed.

**Step 6:** Ensure all boards are straight and flush. Pre-drill holes if needed or use self-tapping screws. Secure each cross member using appropriate fasteners at both ends.



**FIGURE 3:** Your finished frame, also showing the measurements needed to mark for your cross-bracing.

### What's Included:

- (4) 5' L x 14" Diameter Pontoons
- (8) 3/8" x 4" Galv. Bolts
- (8) 3/8" Flat Washers
- (8) 3/8" Lock Washers
- (8) 3/8" Nuts

### If you purchased the motor mount

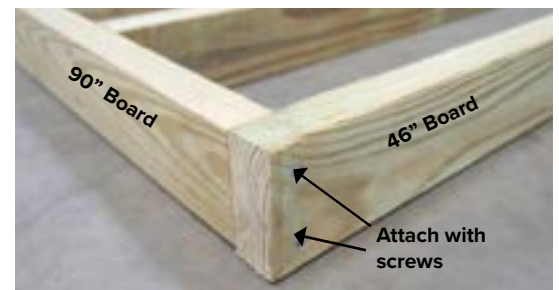
- (1) Transom & Spacer
- (2) 3/8" x 4-1/2" Galv. Bolts
- (4) 3/8" Flat Washers
- (2) 3/8" Lock Washers
- (2) 3/8" Nuts

### Recommended Materials:

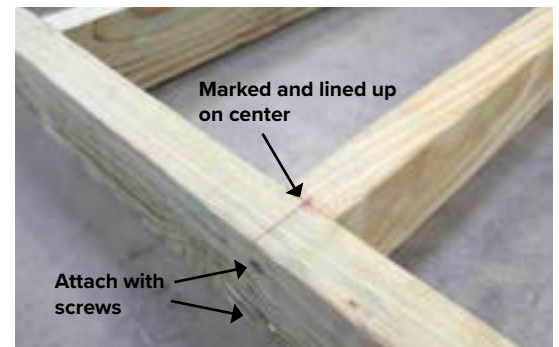
- (7) 8' Pressure Treated or Marine Grade 2" x 4"s
- (1) 4' x 8' x 1/2" sheet of pressure treated or marine-grade plywood
- (72) 2-1/2" Exterior Wood Screws  
(Spax recommended)

### Recommended Tools:

- Circular Saw
- Cordless Drill
- 3/8" Drill Bit
- Measuring Tape
- Chalk Line/Marker
- 9/16" Wrench and Socket
- Eye & Ear Protection



**FIGURE 1:** Perimeter Corner



**FIGURE 2:** Inner Bracing Marked, Lined Up & Attached

### Important Notice

This guide is provided for general reference only. This product is sold as individual components, not as a completed vessel. Final design, assembly, and configuration are determined by the builder. Compliance with all applicable laws, regulations, and safe operating practices is the responsibility of the end user.

## Deck Installation & Pontoon Integration (Example Configuration)

**Step 1:** Cut a sheet of 1/2" plywood to approximately 93" x 46" for this example configuration.

**Step 2:** Position the plywood on top of your completed frame, ensuring the edges are aligned and flush.

**Step 3:** Temporarily secure the plywood by fastening each of the four corners to prevent movement.

**Step 4:** To fully secure the deck surface, additional fasteners should be installed along the internal frame supports. Mark the plywood to indicate the location of the underlying bracing using a marker or chalk line. For this example layout, use the same spacing as your frame cross members along the longer sides:.

**10.5" | 22.5" | 34.5" | 46.5"**

Along the shorter sides, typical reference points may include:

**11.5" | 23"**

**Step 5:** Use a straight edge or chalk line to create guide lines across the plywood surface to indicate fastening locations (see Figure 4 for reference).

**Step 6:** Secure the plywood to the frame by installing fasteners at the intersections of your marked lines, ensuring even attachment across the surface (see Figure 5).

**Step 7:** Position the pontoon floats beneath the frame in your desired layout. One common configuration places the floats near the corners of the platform for balanced support.

Set the deck/frame assembly onto the pontoons, ensuring proper alignment with the mounting brackets and spacers (see Figure 6 for an example).

**Step 8:** Mark and pre-drill holes in the frame where the pontoon brackets will be attached, using the bracket hole locations as a guide..

**Step 9:** Attach the pontoons to the frame using the provided hardware (bolts, washers, and nuts), tightening securely with appropriate tools.

## Motor Mount Installation (Optional Component)

**Step 1:** Position the transom/motor mount at one end of your frame in your desired location. A common approach is to center the mount along the width of the frame, with the bottom aligned flush with the lower edge of the frame.

**Step 2:** Using a 3/8" drill bit, drill through the pre-drilled holes in the motor mount and into the frame material.

**Step 3:** Attach the motor mount to the frame using the included hardware: 3/8" x 4-1/2" hex-head bolts; 3/8" flat washers; 3/8" lock washers; 3/8" nuts. A spacer is included to help ensure proper alignment and a secure fit. Tighten all hardware using appropriate tools (such as a 9/16" socket and wrench).

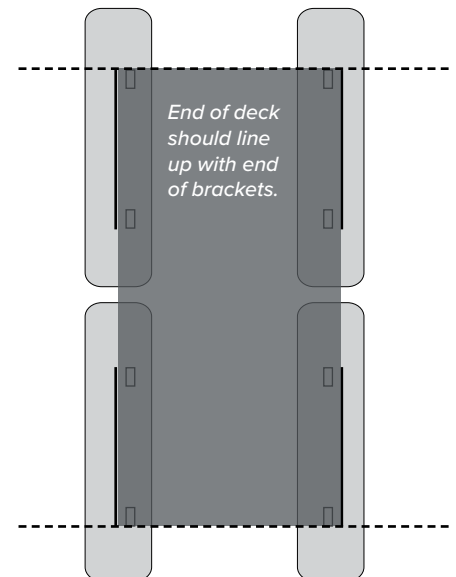
**NOTE:** Motor mount placement, reinforcement, and compatibility should be evaluated based on your specific configuration and intended use. The builder is responsible for ensuring proper installation and safe operation.



FIGURE 4: Making chalk lines



FIGURE 5: Attaching the plywood



*Drawing is not exactly to scale*

FIGURE 6: Attaching the pontoons

