



motoalliance

Aluminum Marine Dock Frame

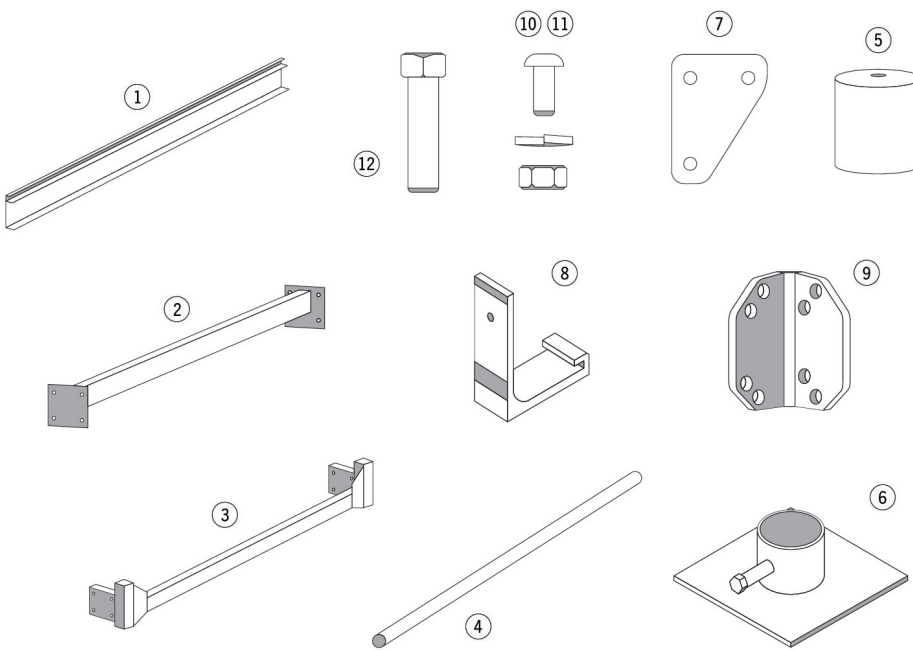
Dock_8x4

INSTALLATION INSTRUCTIONS



- Check and tighten all bolts before use.
- Ensure the dock is well seated in the lakebed before use. Additional mooring may be required in high wind areas.
- Limit use to 4 people or 800 lbs.
- It is recommended to wear a personal flotation device while on the dock.
- Children should not be allowed to use the dock unsupervised.

INCLUDED IN THIS KIT



Please verify that all hardware and parts are included in your package.

| Part# | Qty | Item Description |
|-------|-----|---------------------------|
| 1 | 2 | Dock Sides |
| 2 | 1 | Center Brace |
| 3 | 2 | End Pieces |
| 4 | 2 | Galvanized Posts |
| 5 | 2 | Post Covers |
| 6 | 2 | Base Plates |
| 7 | 2 | Triangular Joining Plates |
| 8 | 1 | L Bracket |
| 9 | 1 | Right-angle Adapter |
| 10 | 8 | ¼" x ⅝" Bolt Kits |
| 11 | 16 | ¼" x 1¼" Bolt Kits |
| 12 | 8 | ½" x 1" Bolts |

REQUIRED MATERIALS

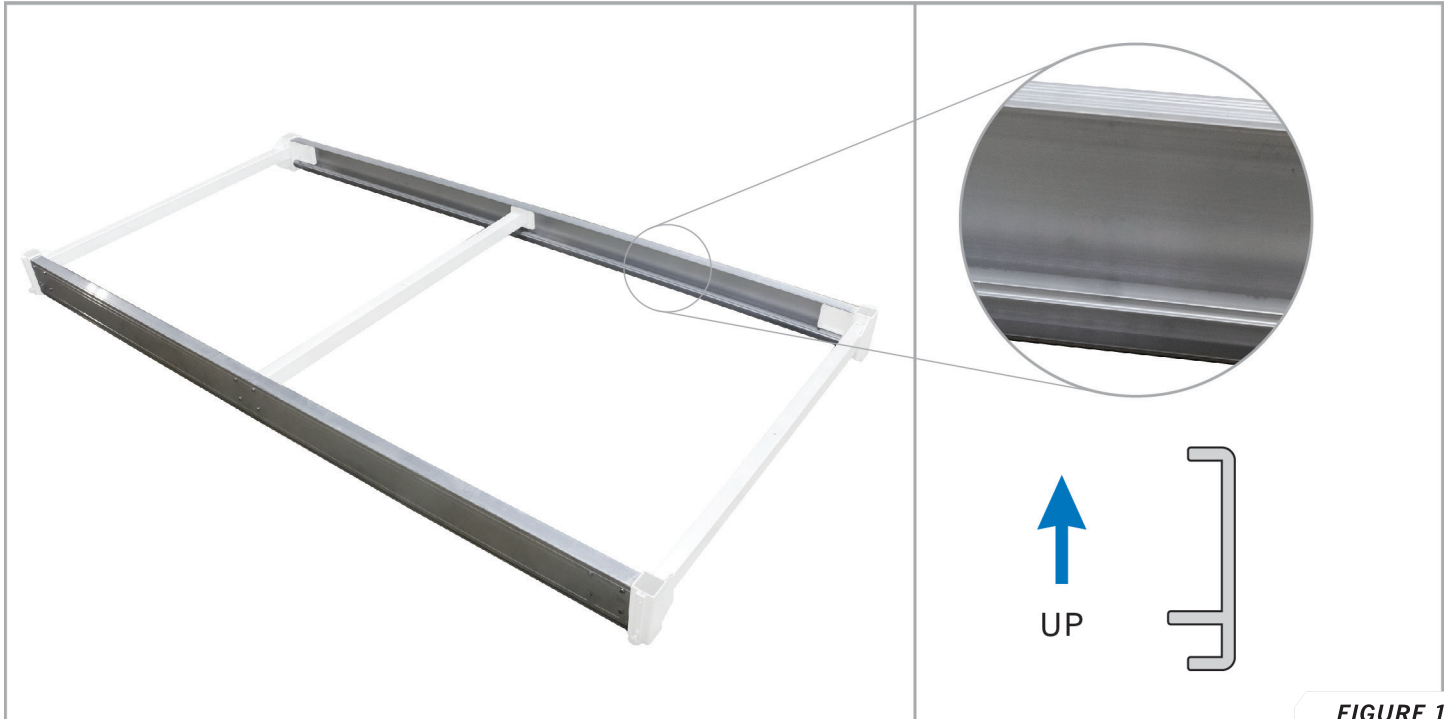
This dock can accommodate any wood, composite, or metal decking suitable for your requirements.

The decking thickness should be within 19mm and 25mm. We recommend ⅝" x 6" x 16' Cedar Planks for their natural rot resistance. You will need ten 8' planks to fully cover the dock surface.

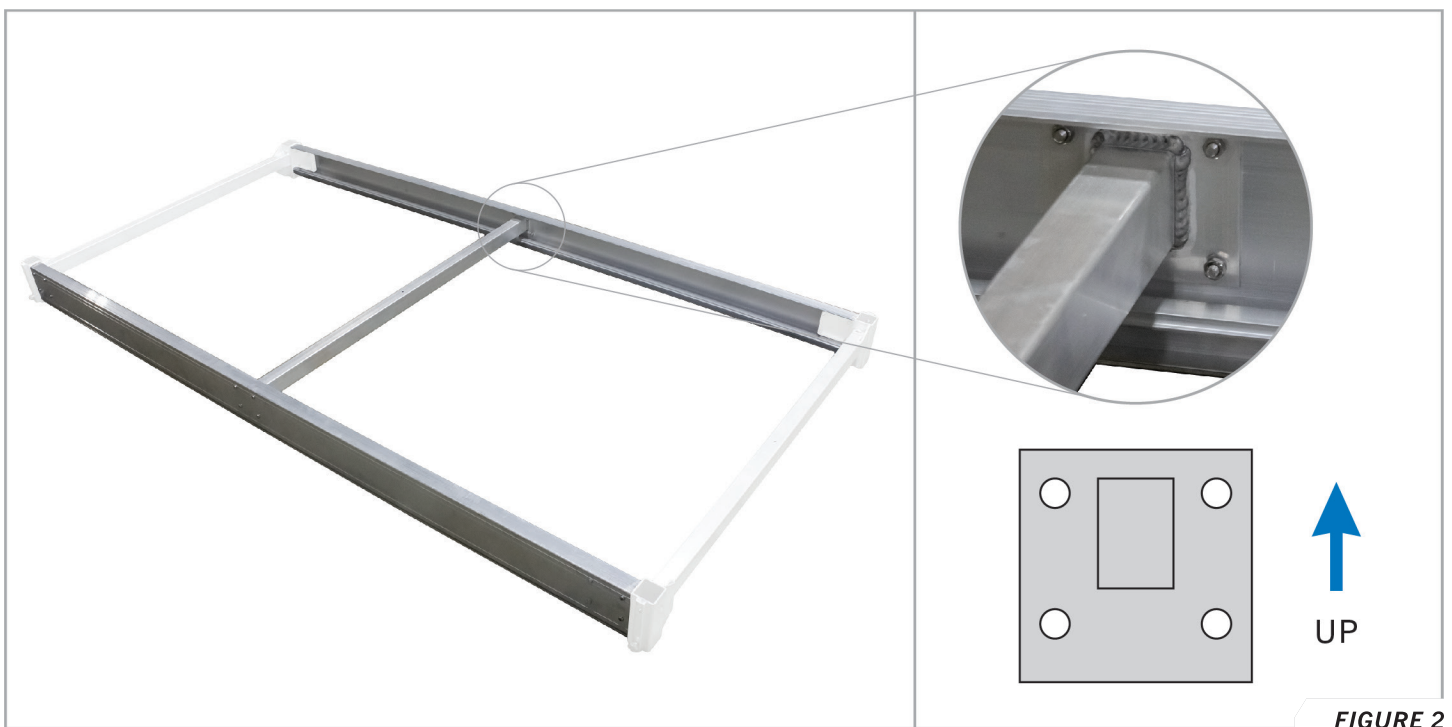
Fasteners should be used to secure the decking to the dock frame. These should be stainless steel or coated fasteners to prevent corrosion. We recommend 1¾" wood screws. You will need 70 to complete the recommended fastening.

FRAME ASSEMBLY

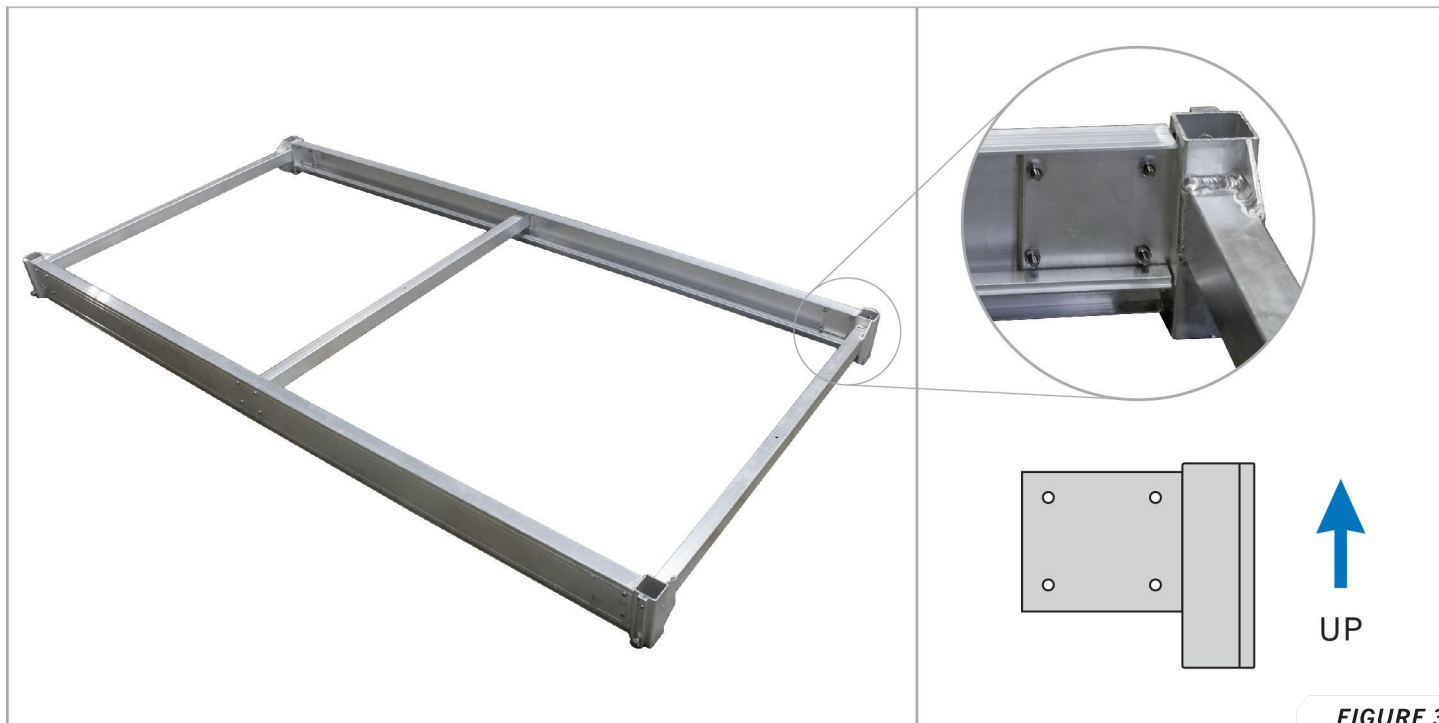
1. Place the 2 sides of the dock on a flat surface. Verify the orientation of the frame matches **FIGURE 1**.



2. Slot in the center brace. Verify the orientation of the brace matches **FIGURE 2**.
3. Secure using the $\frac{1}{4}$ "x $\frac{5}{8}$ " bolts and finger tighten.



4. Insert an end piece on each side of the dock. Verify the orientation of the pieces match **FIGURE 3**.
5. Secure one of the sections with $\frac{1}{4}$ "x $1\frac{1}{4}$ " bolts and finger tighten.



6. Check the dock frame for squareness and tighten hardware. Beware of overtightening the fasteners.
7. Remove the end section that is not secured for decking assembly.

 **DO NOT USE IMPACT DRIVERS OR OTHER POWERTOOLS TO TIGHTEN.**

DECK ASSEMBLY

8. If following suggested decking procedure, cut 8 of the cedar planks into 16 sections of 47" each.
9. Cut 1.5"x1.5" reliefs in the corners of 2 boards. These will slot in at the ends to fit around the posts.

FIGURE 4

10. Slide decking into the frame.
11. Slide in the two remaining 8' sections perpendicular to the decking. Space them 1' from either side of the dock. **FIGURE 4**
12. Space the decking evenly along the frame.
13. Slide in the end section and secure with 1/4" x 1 1/4" bolts and finger tighten.

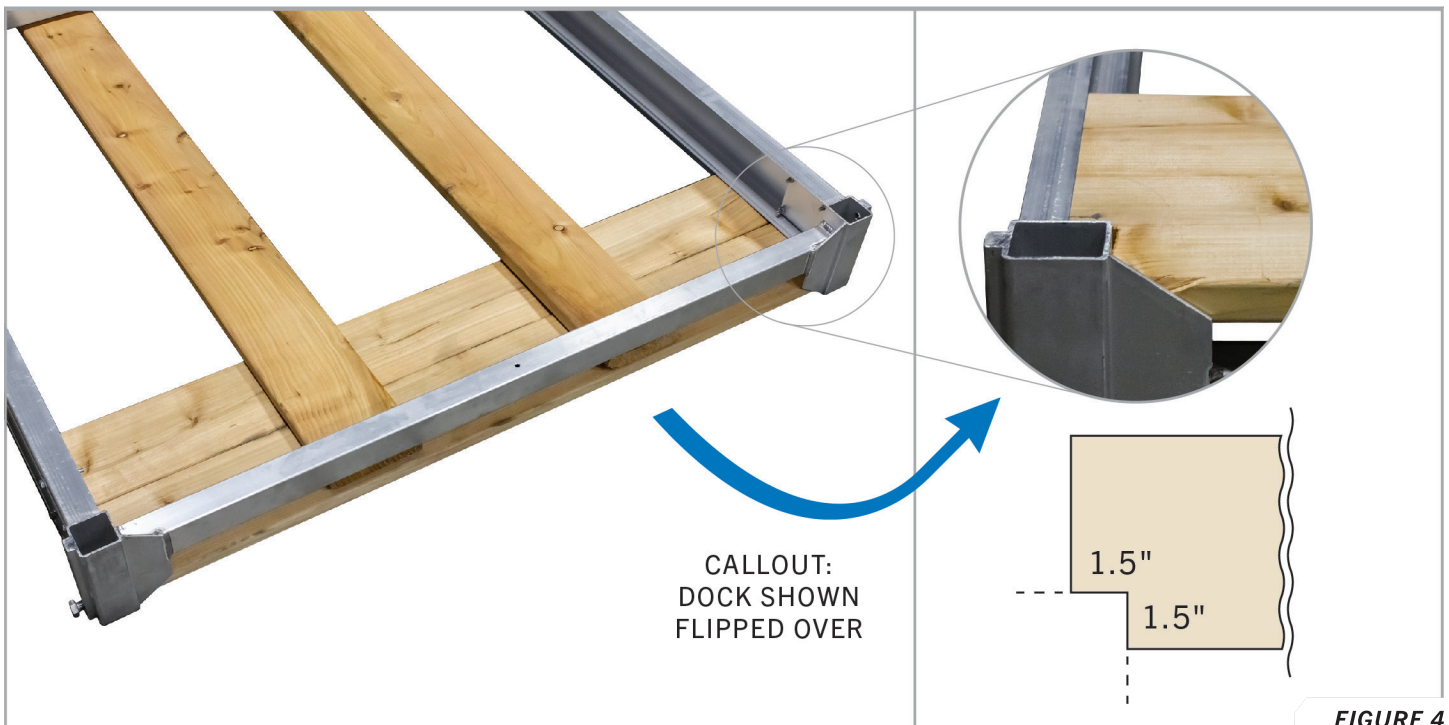


FIGURE 4

14. Drill pilot holes through your bracing and decking. Secure each deck plank to both cross braces.

FIGURE 5

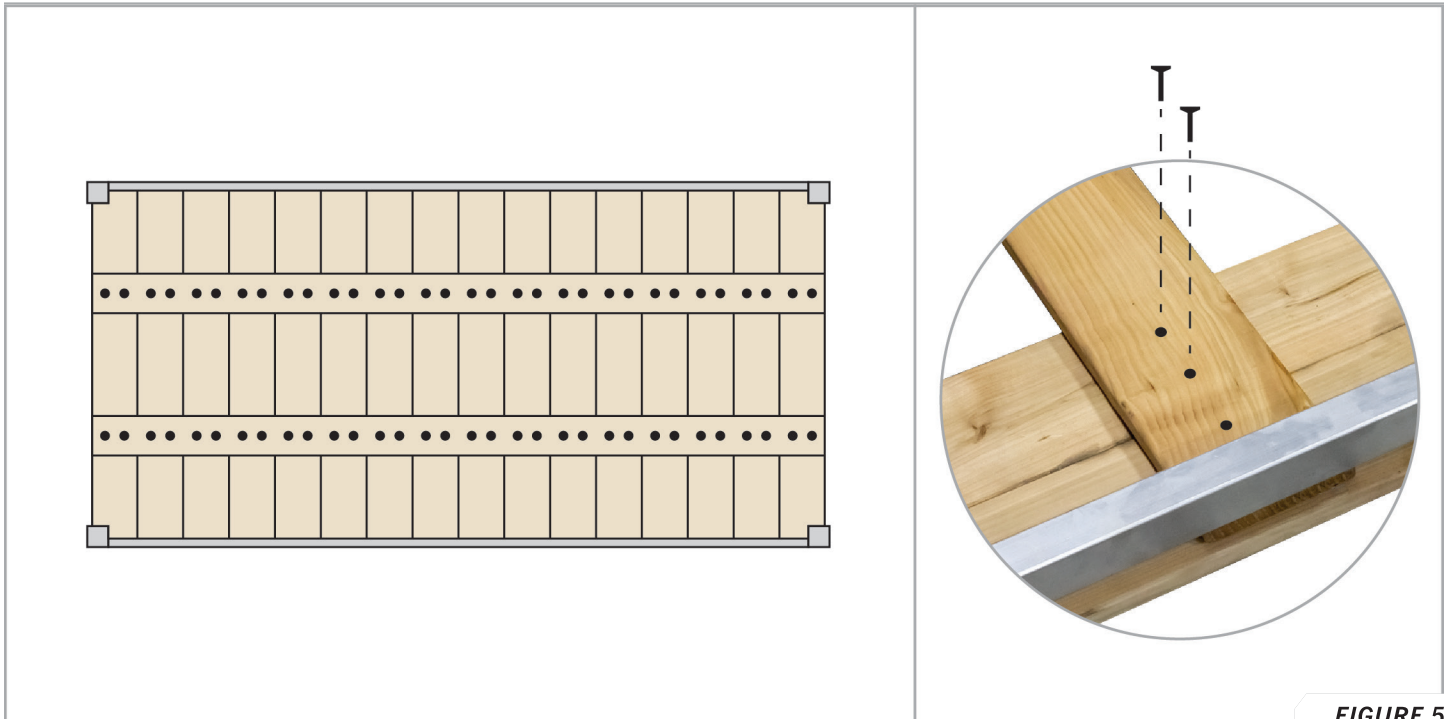


FIGURE 5

15. Flip the dock section over.
16. Drill 6 pilot holes through decking and frame. One in each corner and one in each long side near the center brace. **FIGURE 6**

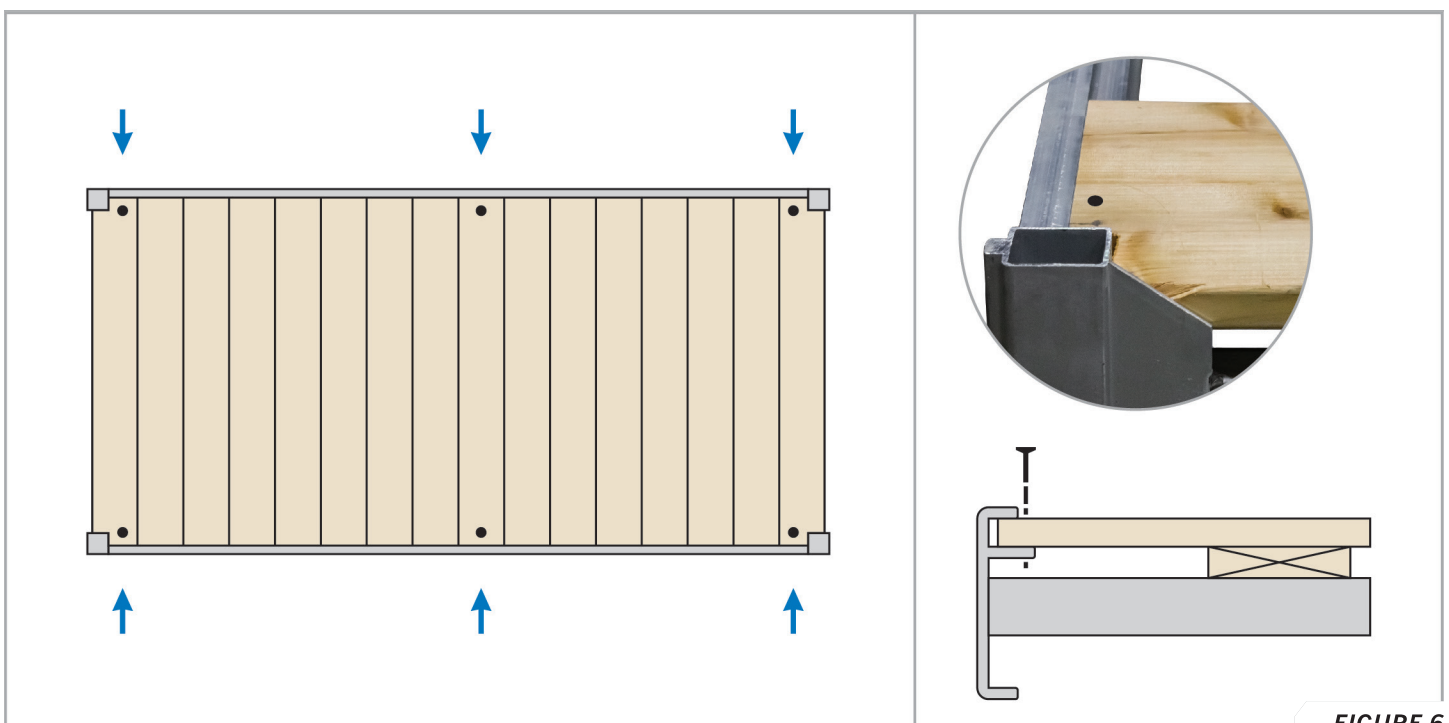


FIGURE 6

INSTALLATION

17. Install base plates on the galvanized posts. Leave approximately 6" protruding below the plate to sink into the lake bed. More may be required for softer lake beds, or less may be necessary for harder lake beds.
18. Slot the galvanized posts into one end of the dock. This end of the dock will be the deep end.
19. Place the first dock section with one side on land. Drive the galvanized posts into the lakebed.
20. Level the dock and set height with the provided $\frac{1}{2}$ "x1" hardware. Tighten both bolts to secure.

FIGURE 7

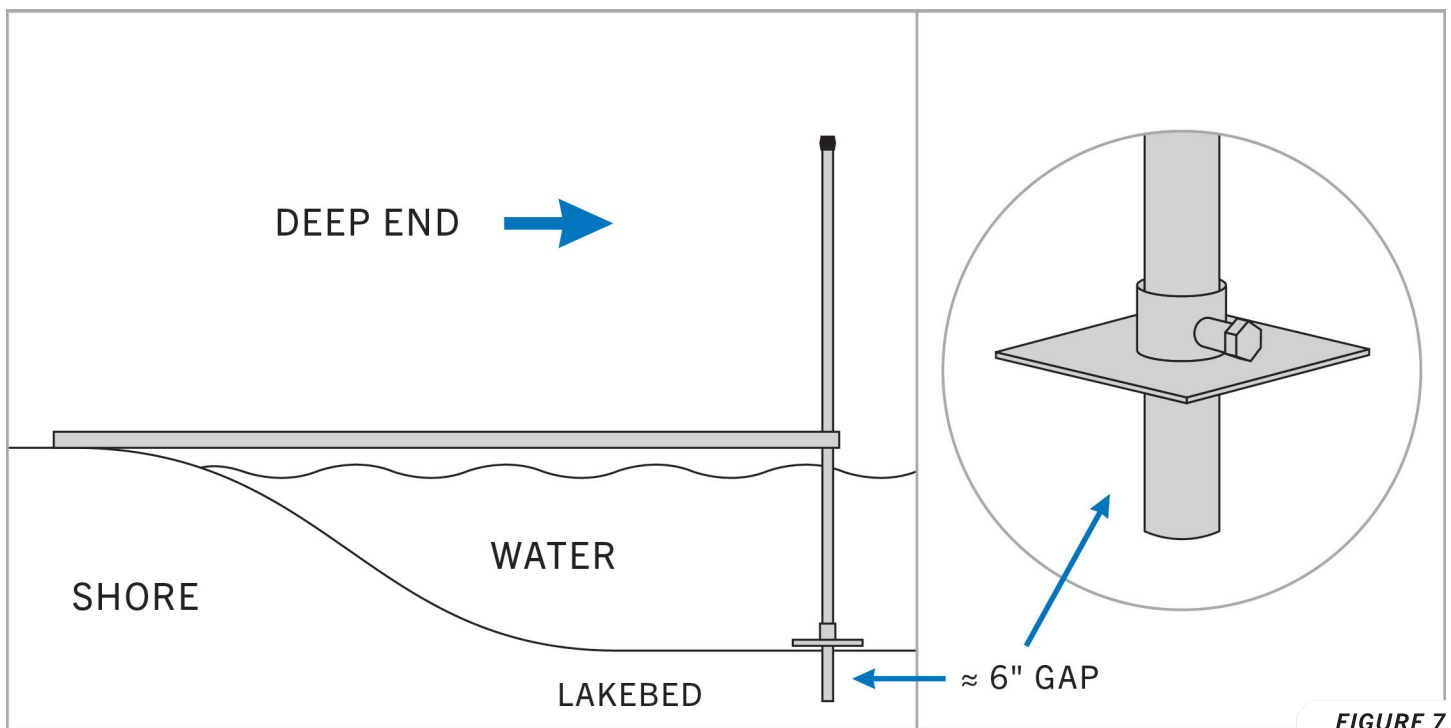


FIGURE 7

Subsequent dock sections will be attached in one of three ways:

STRAIGHT

21. Loosely install galvanized posts in the deep end of the dock. Attach triangular joining plates to the shoreside of the dock as shown. **FIGURE 8**
22. Place dock section after the previous dock section, attach the joining plate to the standing dock section, then adjust the galvanized posts. **FIGURE 8**

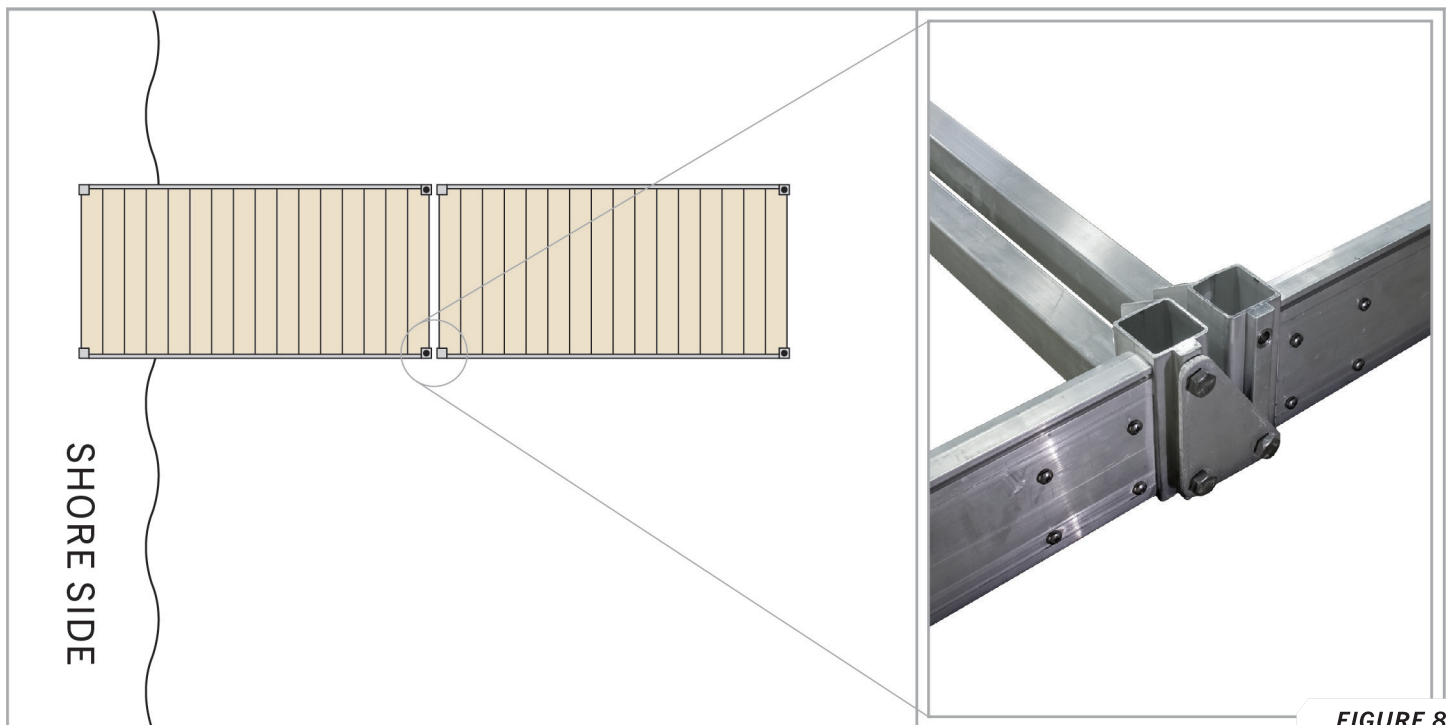
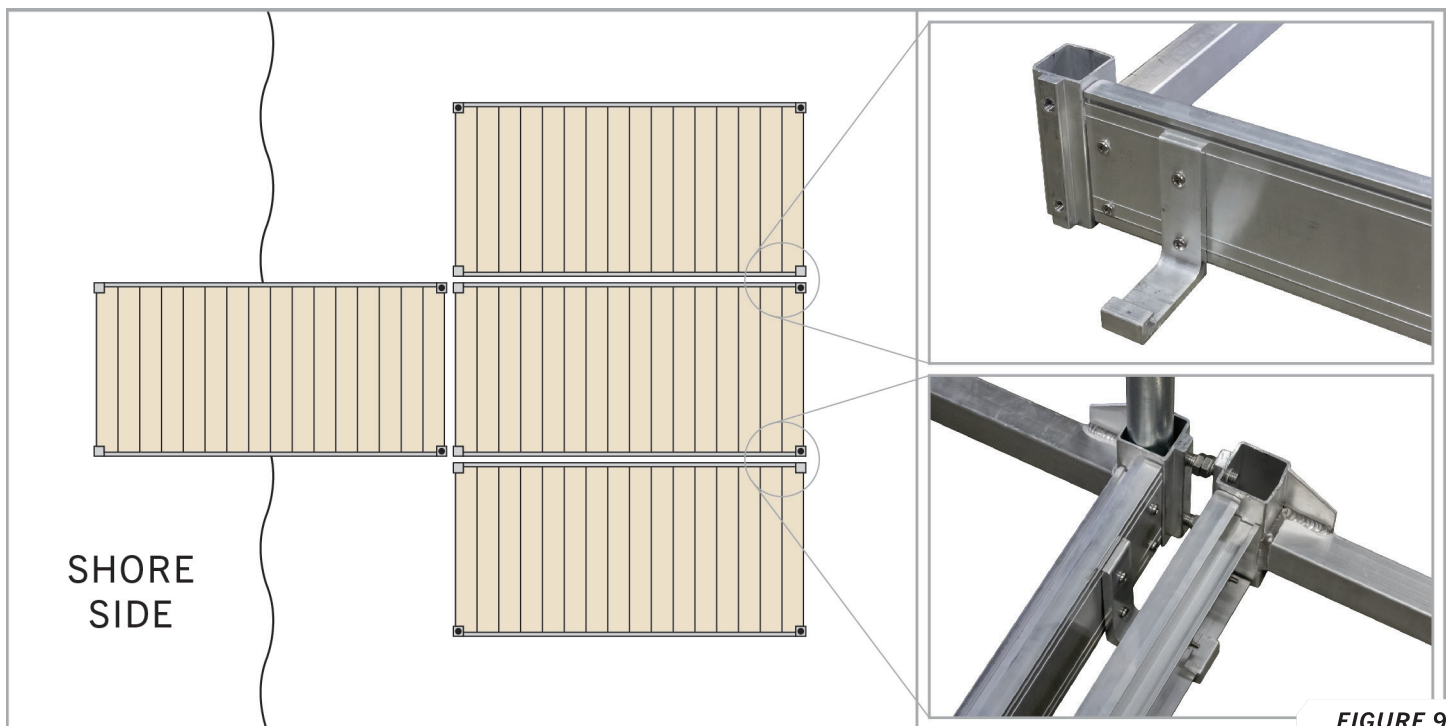


FIGURE 8

PARALLEL

23. For a parallel dock section, remove two of the ¼" bolts securing the end pieces of the dock frame. Use the provided 2" bolts to secure L brackets to the frame of a standing dock section. **FIGURE 9**
24. Place the next dock section on the L brackets and adjust the height of the galvanized posts to level the dock. Then, unscrew the bolts from the corners without galvanized posts to provide counter pressure and lock the dock section into place. **FIGURE 9**



RIGHT ANGLE

25. For a right-angle dock configuration, you will need to expand the holes to the center cross brace with a $\frac{1}{2}$ " drill bit.
26. Secure the outside corner with the provided right-angle adapter using the provided $\frac{1}{2}$ " hardware as shown. **FIGURE 10**
27. Using the newly drilled holes in the dock side. Secure the inside corner with the provided right-angle adapter using the provided $\frac{1}{2}$ " hardware as shown. **FIGURE 10**

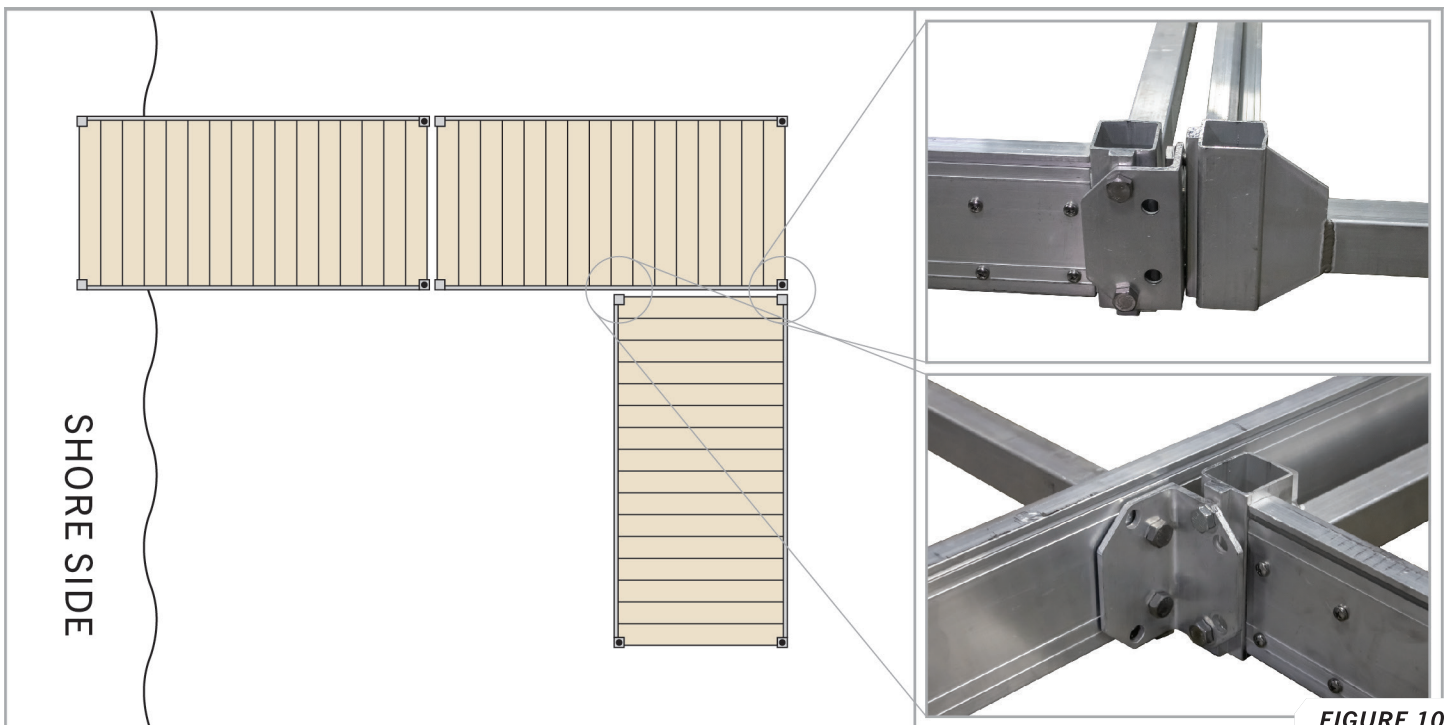


FIGURE 10

WARRANTY

MotoAlliance offers a limited one (1) year warranty for each new Aluminum Marine Dock Frame against manufacturing defects in workmanship and materials. Exterior parts are warranted against defects in original workmanship and materials. The entire warranty is void if the dock is modified in any way, e.g., welding, drilling outside the recommended locations, or other modifications. For this warranty to be valid, the customer must provide proof of purchase in the form of the original purchase receipt.

The obligation under this warranty, statutory or otherwise, is limited to the replacement of such part as shall appear to MotoAlliance, upon inspection of such part, to have been defective in material or workmanship. If MotoAlliance elects to replace the defective product or part, MotoAlliance reserves the right to provide another product or part of the same model or a model of at least comparable quality and features in MotoAlliance's sole determination. A reimbursement cannot exceed the amount paid by the customer and is limited to the replacement of the defective product. This warranty is not transferrable. This warranty does not obligate MotoAlliance to bear the cost of shipping charges in connection with the replacement or repair of defective parts, nor shall it apply in cases of misuse, neglect, improper installation, acts of God, or to a product upon which repairs or alterations have been made, unless authorized by MotoAlliance.

MAINTENANCE

Dock sections should be removed in the winter as ice can damage the docks. It is recommended to store your dock sections on their side or with the top side down to prevent fading from the sun.

Enjoy your new dock!

FURTHER ASSISTANCE

Scan the QR code to get more tech help, watch troubleshooting videos, or submit a help form on [motoalliance.com](https://www.motoalliance.com)

