Wave Dock and Wave Port Instructions

Depending on the options you purchased, you may not have all the parts shown below. Before beginning assembly, be sure to familiarize yourself with the parts.

Part	Name
A	Dock Section
B	Corner Gusset
C	24” H-Beam
D	50” H-Beam
E	Post Attachment
F	Pipe Adapter
G	Vertical Bumper
H	Horizontal Bumper
I	Dock Ramp
J	Wave Port
K	Bow Stop
L	Tie-Down Cleat - Small
M	Flip up Cleat - Large
N	Entrance Slide
O	Port Front and Dock Hinge
P	Side Hinge
Q	Universal Hinge
R	Linkage Arm
S	6’ Entrance Deck
T	16” C-Clamp
U	24” C-Clamp
V	16” H-Beam
W	Post Attachment ,7” Port Side
X	Entrance Plug
Y	Entrance Slide
Z	Top Roller Plug
1	¼ x 1 ½ Flat Head Machine Screw
2	3/8 x 1 ½ Bolt
3	3/8 Washer
4	3/8 x ¾” Bolt
5	½” Shoulder Bolt
6	Fender Washer for Shoulder Bolt

Tools Needed

9/16” socket and ratchet with extension
Phillips screwdriver if installing bow stop on Wave Port
Dead Blow Mallet, or a maul and block of wood

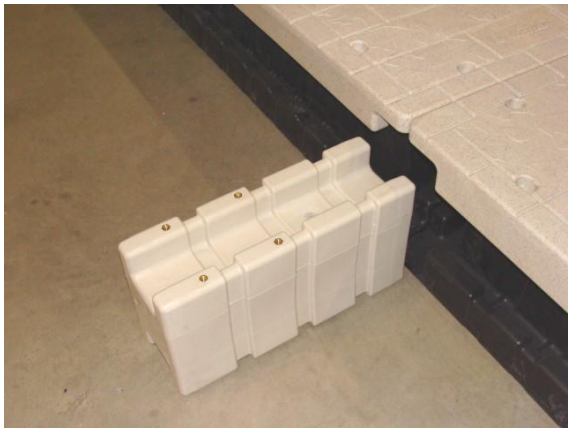
General Recommendations

1. Work with two or more people on calm water.
2. Unpack all the materials and familiarize yourself with the parts.
3. Begin working on the sections of the dock that eventually will be farthest from the shoreline first and slide them into the water as you add new sections.
4. The assembly options you follow below will depend on your specific dock layout plan. In general, assemble two dock sections together, add any accessories, and then add the next dock section(s).
5. Some configurations will require assembly of dock sections in a specific order, especially when working with corner gussets.

Assemble Dock Sections

Assemble Dock Sections End-to-End

1. Move two dock sections (Part A) into the water, short end to short end.
2. Holding the ends of the dock sections together, slide a 24" H-beam (Part C) into the channels of the two sections. Make sure the end of the H-beam with four threaded inserts is to the outside of the dock sections (see pictures).
3. Gently pound the H-beam into the dock section channels using a mallet or hammer and wood block until the outermost threaded inserts of the H-beam are lined up with the holes in the decking of the dock sections. Do not drive the H-Beam in too far or it will need to be pounded back out so the holes align.
4. Insert 2 bolts and washers (Parts 2 & 3) through the decking into the threaded inserts of the H-beam and tighten.
5. Repeat with another H-beam on the other side of the dock section, making sure the end of the H-beam with four threaded inserts is to the outside of the dock sections.



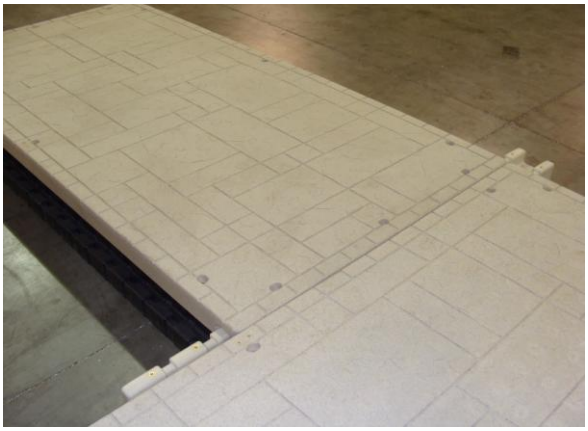
H-Beam ready to slide into Dock Section channels

H-Beam Sliding into Channels of Dock Sections

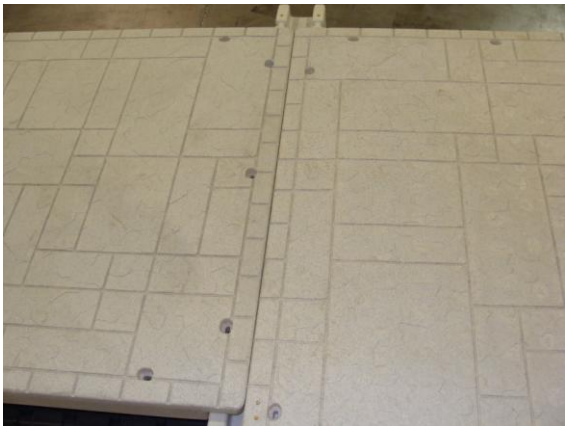
H-Beam Bolted into
Dock Sections

Assemble Dock Sections in an L-Shape

1. Move two dock sections (Part A) into the water, short end to long side (see diagram).
2. Slide a 24" H-beam (Part C) into the channel of the long-sided dock section from the end opposite the short-sided section. Make sure the end of the H-beam with four threaded inserts is to the far side of the dock section. Gently pound the H-beam into the channel using a mallet or hammer and wood block.
3. When the H-beam is close to the short-sided dock section, begin pounding into channels of both dock sections until the outermost threaded inserts of the H-beam are lined up with the hole in the decking of the short-sided dock section .
4. Note that this H-beam will be attached with only one bolt and washer. Insert 1 bolt and washer (Parts 2 & 3) through the decking of the short-sided dock section into the threaded inserts of the H-beam and tighten.
5. Slide another 24" H-beam (Part C) into the channels of the dock sections on the other side, making sure the end of the H-beam with four threaded inserts is to the outside of the dock sections.
6. Insert 2 bolts and washers (Parts 2 & 3) through the decking into the threaded inserts of the H-beam and tighten.



L-Shape with H-Beams sliding into position. H-Beams will not be visible when fully positioned



Top view showing alignment of holes and H-Beams sliding into position