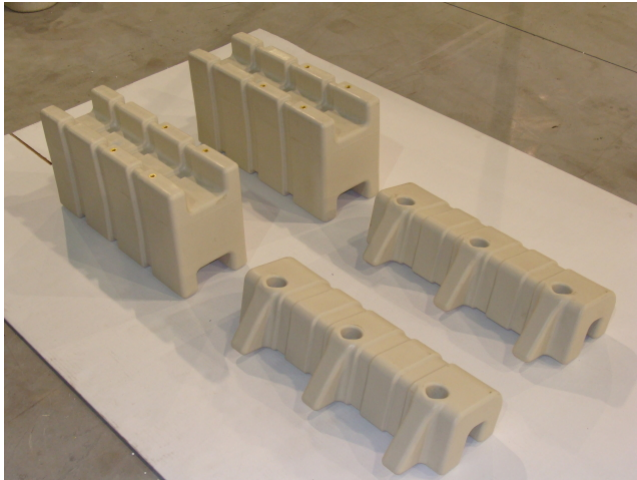




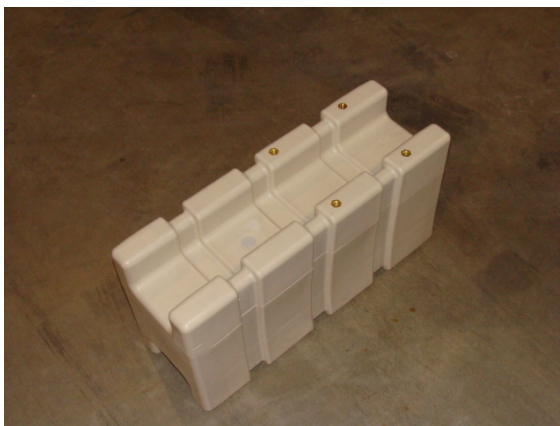
411 West Congress St., Maple Lake, MN 55358 Toll Free 877-466-8837 [www.wavearmor.net](http://www.wavearmor.net)

### Wave Port (Part 21904) Front to Wave Dock - Assembly Instructions



Wave Port Attached Directly to Dock Section

1. Depending on your dock layout and where the Wave Port will be placed, determine where two 24" H-beams (Part C) should be located on the dock section. You will insert the H-beam closest to the center of the dock section first. The ends of the H-beams with four holes should be to the outsides of the assembly. See diagram example.
2. On land, slide the first 24" H-beam (Part C) in the channel of a dock section (Part A). Gently pound the H-beam into the dock section channels using a mallet or hammer and wood block. Align the threaded inserts of the H-beam with a hole in the decking of the dock section.



24" H-Beam, Inserts should be to the outside so the holes align



H-Beam in place

3. When the H-beam is aligned with a decking hole, insert a bolt and washer (Parts 2 & 3) through the decking into the threaded inserts of the H-beam and tighten.
4. Repeat Steps 2 and 3 with the second H-beam, making sure the end of the H-beam with four threaded inserts is to the outside.
5. Move the dock section and Wave Port into the water.
6. Slide the Wave Port onto the installed H-beams, making sure one of the threaded inserts of each of the H-beams aligns with the outermost holes in the port decking.
7. Insert 2 bolts and washers (Parts 2 & 3) through the decking into the threaded inserts of the H-beams and tighten.
8. Slide a 24" C-clamp (Part U) over one of the assembled H-beams and against the bottom of the port, lining up the holes in the C-clamp with the threaded inserts in the bottom of the port (see diagram). You will need to reach under the water to do this. It is easier if it can be done in shallow water before pushing it out deeper.
9. Attach the C-clamp with 3 bolts and washers (Parts 2 & 3).

Repeat Steps 8 and 9 with a second C-clamp on the other H-beam.

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.

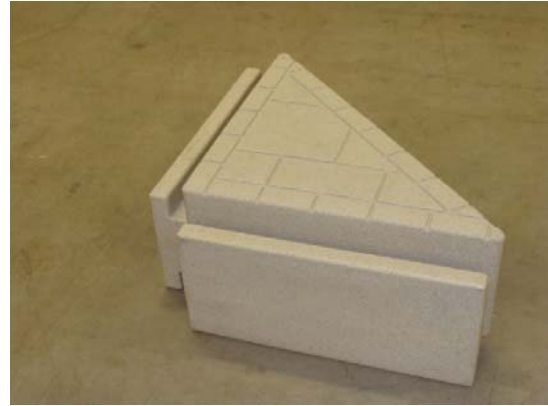
Part	Name
A	Dock Section
B	Corner Gusset
C	24" H-Beam
D	50" H-Beam
E	Post Attachment
F	Pipe Adapter
G	Vertical Bumper
H	Horizontal Bumper
I	Dock Ramp
J	Wave Port
K	Bow Stop
L	Tie-Down Cleat - Small
M	Flip up Cleat - Large
N	Entrance Slide
O	Port Front and Dock Hinge
P	Side Hinge
Q	Universal Hinge
R	Linkage 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

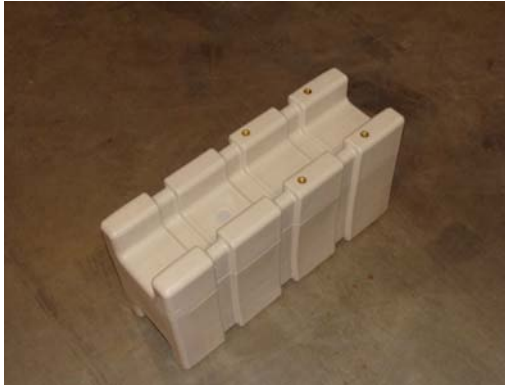
9/16" socket and ratchet with extension  
 Phillips screwdriver if installing bow stop on Wave Port  
 Dead Blow Mallet, or a maul and block of wood



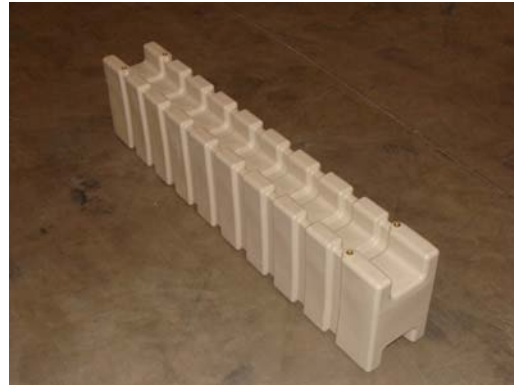
A – Dock Section



B - Corner Gusset



C – 24” H Beam



D – 50” H Beam



E - Post Attachment Port  
Front & Wave Dock



F - Post Attachment  
Insert/Adapter



G - Vertical Bumper



H - Horizontal Bumper 24"



J - Wave Port - 6 Foot



K- Bow Stop



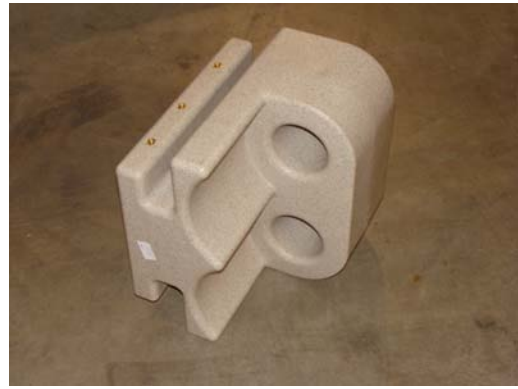
L - Fixed Cleat - Small



M - Flip-Up Cleat



N - Entrance Slide



O - Port Front and Dock Hinge



P - Side Hinge- Port



Q - Universal Dock Hinge



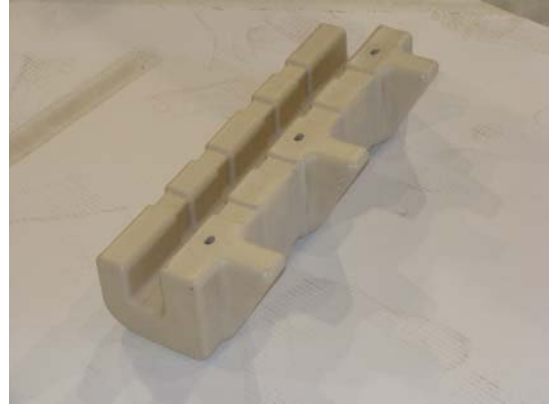
R - Linkage Arm 24"



S - 6 Ft Linkage/Entrance Deck



T – 16” C Clamp



U – 24” C Clamp



V – 16” H Beam



W - Side Post Attachment – Port Only



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  
3 – 3/8” washer



5 – ½” Shoulder Bolt  
6 – ½” Fender washer