



EZ Dock, Inc.  
878 Highway 60  
Monett, MO 65708  
800-654-8168 [www.ez-dock.com](http://www.ez-dock.com)

## Ez Dock Install Instructions

### Composite Coupler Sets

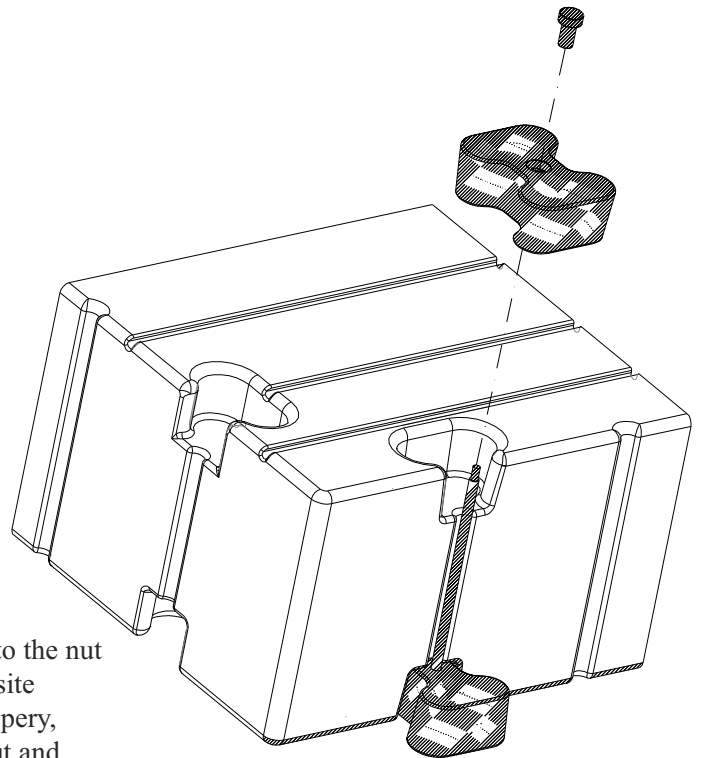


<b>301100</b> Coupler Set  2- Couplers 1- Bolt 1- Nut	<b>301200</b> 40" Coupler Set  4- Couplers 2- Bolts 2- Nuts 1- Installation Tool	<b>301300</b> 60" Coupler Set  6- Couplers 3- Bolts 3- Nuts 1- Installation Tool
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#### Coupler Installation:

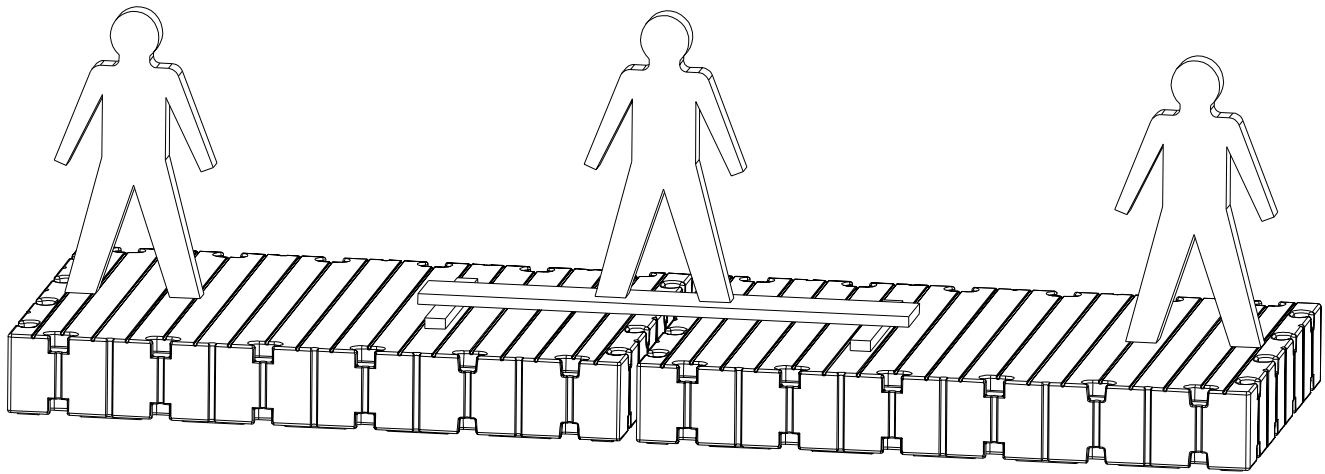
A coupler pair consists of 2 couplers (rubber dog bones), a coupler bolt, and a coupler nut.

Align dock sections so coupler pockets are adjacent to each other. Insert coupler bolt into coupler, align the index mark on the head of the bolt so that the splines line up into the notched pockets in the coupler. Using a hammer seat the bolt into the coupler. Next insert the coupler and bolt assembly into the bottom pocket with the bolt pointing upward. Then insert the top coupler into the opposing pocket. Finish the assembly by aligning the hole in the top coupler over the rod and push the coupler into the pocket. Using the coupler installation tool fully thread the nut onto the bolt. The installation tool is splined and to be inserted into the nut to allow a 15/16" socket to access it. When using the composite hardware it is very apparent when the bolts are tightened properly, the tops of the bolts will be visible through the hole in the nut and the bolt should be flush with the top on the nut and the surface of the dock. Touqe to 15 ftlbs. **DO NOT OVER TIGHTEN THE NUT!**



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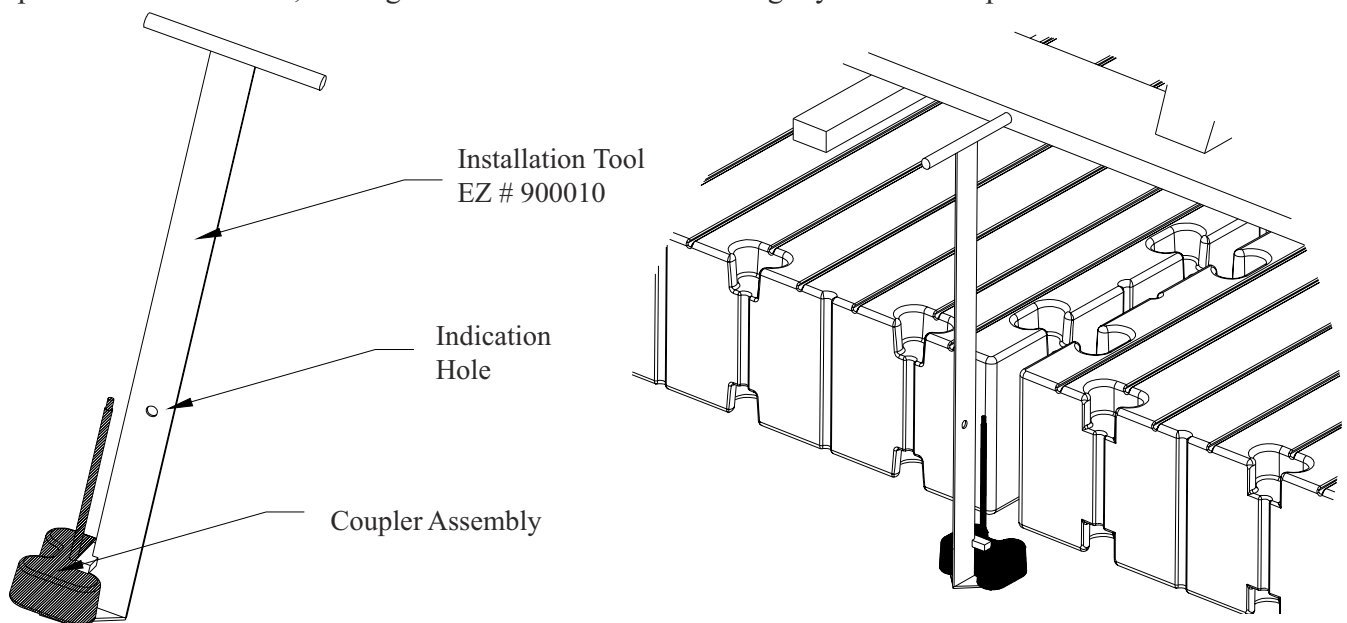
## Inwater Coupler Installation:



### Helpful Hints

When installing in-water it is sometimes helpful to ballast the opposing ends of the dock sections to keep the adjoining ends from dipping. This can be done by having someone stand on the opposite ends of each dock section, or by standing on an elevated beam or board, (as shown above), placed perpendicular with the dock section to span the seam being connected. When coupling sections together it is better to start at the center of the seam and work to the edges.

Align the adjoining ends of the dock sections together. Insert the bolt in a coupler and seat it firmly. Attach the bottom coupler and bolt assembly firmly into the installation tool (EZ-Dock #900010). Hold the handle and lower the tool and coupler into the water until the rod is completely below the bottom surface of the dock section (if you allow the tool or assembly to hit the dock the coupler may fall off the tool). While maintaining the proper depth, slide the tool between the dock sections until you reach the pocket to be connected. Lift the tool upward while aligning the rod to come up between the opening between the sections. Snugly seat the coupler into pocket until the indicator hole in the installation tool is above the top surface of the dock (for ease, a pin or screw driver can be inserted into this hole to temporarily hold it in place). Place top coupler into position, thread on coupler nut, and draw the connections together tightly. To release the installation tool, remove pin from hole and push down on the tool, sliding it between the section and begin your next coupler installation.





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## EZ Dock Install Instructions

### Corner Gusset



**300501**

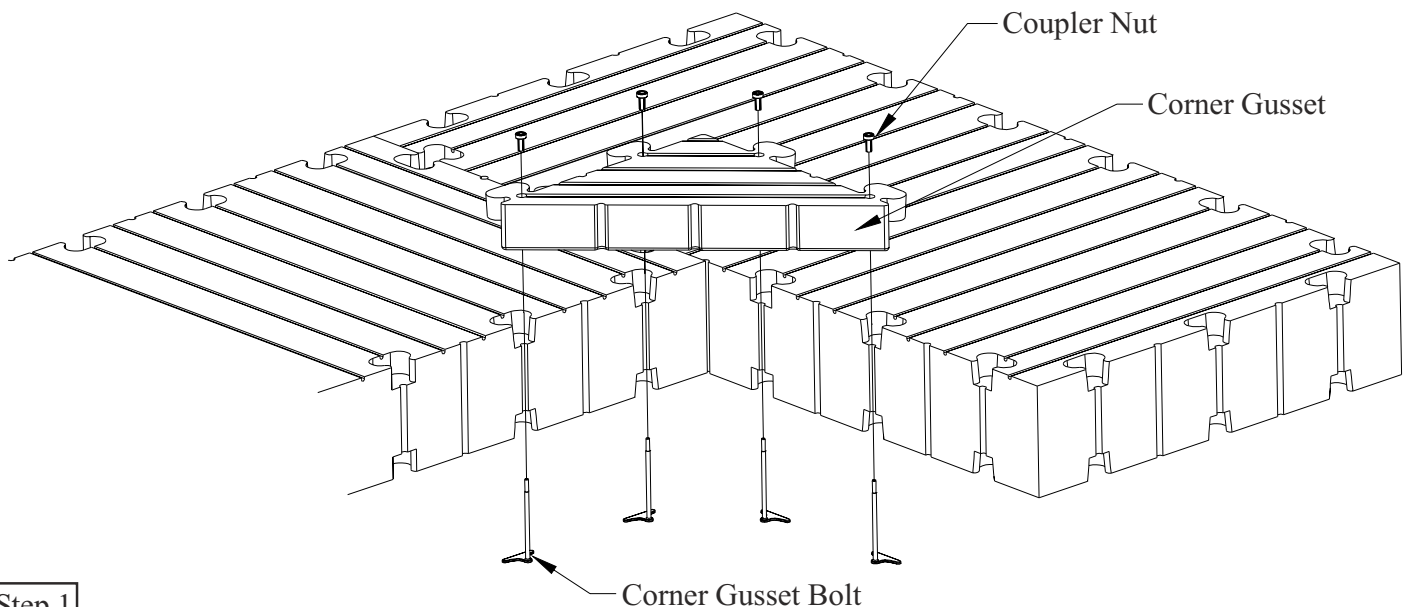
**300501**  
Corner Gusset

1- polyethylene corner gusset  
4- corner gusset bolts (composite)  
4- coupler nuts (composite)

#### tools required

hammer  
15/16" socket and ratchet  
EZ-Dock installation tool

The corner gusset is one EZ-Dock accessory used to add deck surface and to aid with additional stability. It can be used with an EZ-Dock application that creates a 90 degree angle.



#### Step 1

First insert the corner gusset into position by aligning the mold-on couplers into their corresponding pockets on the dock sections. Next reach under the dock section and insert the corner gusset bolt into position by aligning it up thru the hole in corner gusset and seating the head on the gusset bolt into the bottom pocket. Fully thread the coupler nut on to the gusset bolt. Caution should be taken not to over tighten the EZ-Dock hardware (15 ft.lbs.)

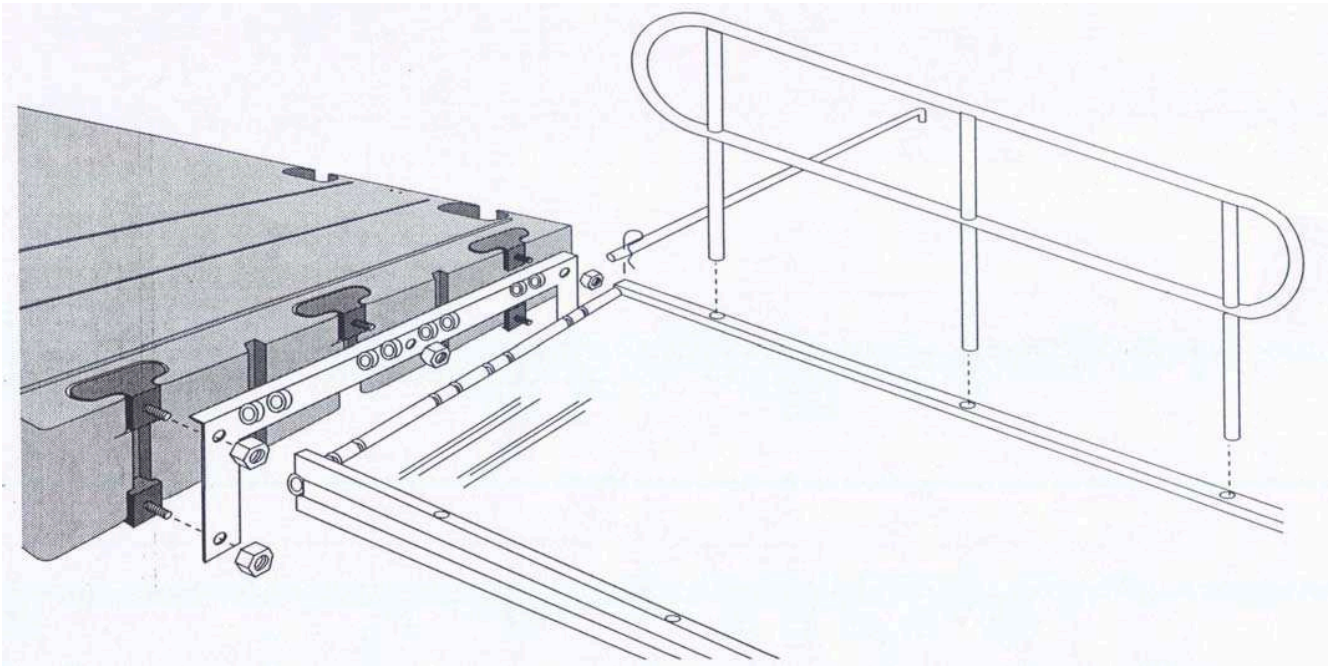


878 Highway 60  
 Monett, MO 65708  
 Phone 417-235-2223 Fax 417-235-2232  
 Toll Free 800-654-8168  
 www.ez-dock.com

## ***EZ Dock Aluminum Gangway Installation***

See reverse side for Gangplank Kit installation

### **Aluminum Gangway**



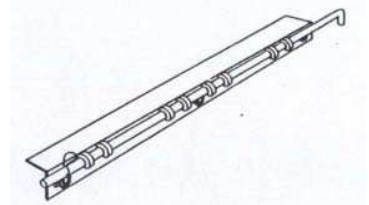
#### **Aluminum Gangway Installation**

The aluminum gangway has welded construction with slip-resistant walkway, side curb and rail. Lengths of the gangways are from 10' to 30' and they are 3' or 5' wide. As the weight of a gangway can cause the first dock section to list, it is important to select the right gangway for the application. Length and width requirements are important to have balanced with the dock configuration.

1. Attach the hinge-to-float bracket to the dock section by fully threading the 5/8" lock nuts onto the hardware connectors. Care should be taken to not over tighten the nuts.
2. Align the sleeves of the hinge-to-plank bracket (on gangway), and the hinge-to-float bracket (on dock) and slide the hinge pin through all the sleeves. Secure the hinge pin with the hitch pin clip.
3. Inset railing legs into corresponding holes in side rail of gangway. Make certain the legs bottom-out in the holes, then drill 3/16" holes through the railing legs using the guide holes. Attach with 3/16" stainless steel pop rivets.

#### **Shore Abutment Hinge Assembly**

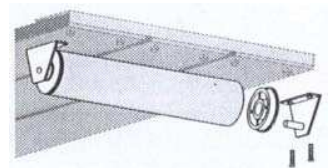
- This bracket attaches to the shoreline bulkhead with lag bolts when attaching to wood or concrete anchors when attaching to concrete
- Align the sleeves of the hinge with the gangway sleeves and slide the hinge pin through all the sleeves.
- Secure the hinge pin with the hinge pin clip



#### **Gangway Roller Attachment Installation**

The roller attachment allows the end of the gangway to adjust to with changing water levels. 3" schedule 80 PVC pipe is sold separately.

- Determine the location that will allow the gangway to roll and pivot without scraping on the dock surface.
- Roller should be cut to length that will position brackets centered on side channels of aluminum gangways. Secure with four stainless steel screws.





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## EZ Dock Install Instructions

### Piling Hoop

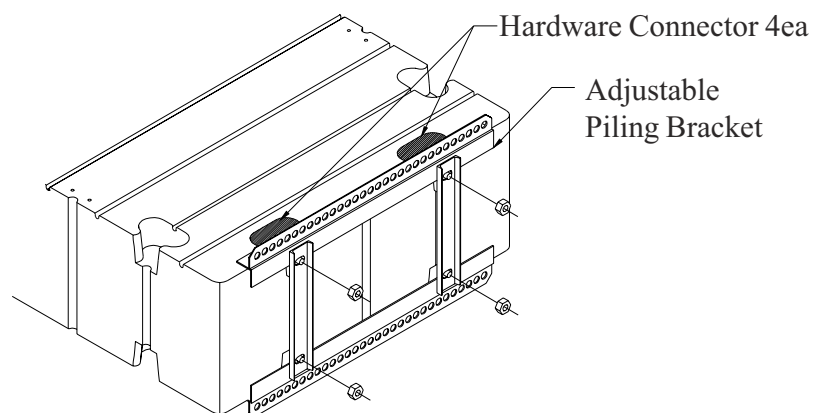


100800	100800SS	100800	100800SS	tools required
Piling HoopBracket			Piling Hoop Bracket	
1- ajustable piling bracket 4- hardware connectors 4- 5/8" lock nuts		1- ajustable piling bracket 4- hardware connectors 4- 5/8" lock nuts		hammer 15/16" socket and racket EZ-Dock installation tool #2 phillips screw driver
hoops and braces sold seperatly		hoops and braces sold seperatly		

The piling bracket is recommend for deep water levels or serve conditions such as heavy wave or wind action or when a large craft is to be moored to the dock system. The 100800 can be adjusted to accommodate existing piling plaement. Be certain there is sufficient clearance between the hoop and piling so the dock can move freely with water level changes.

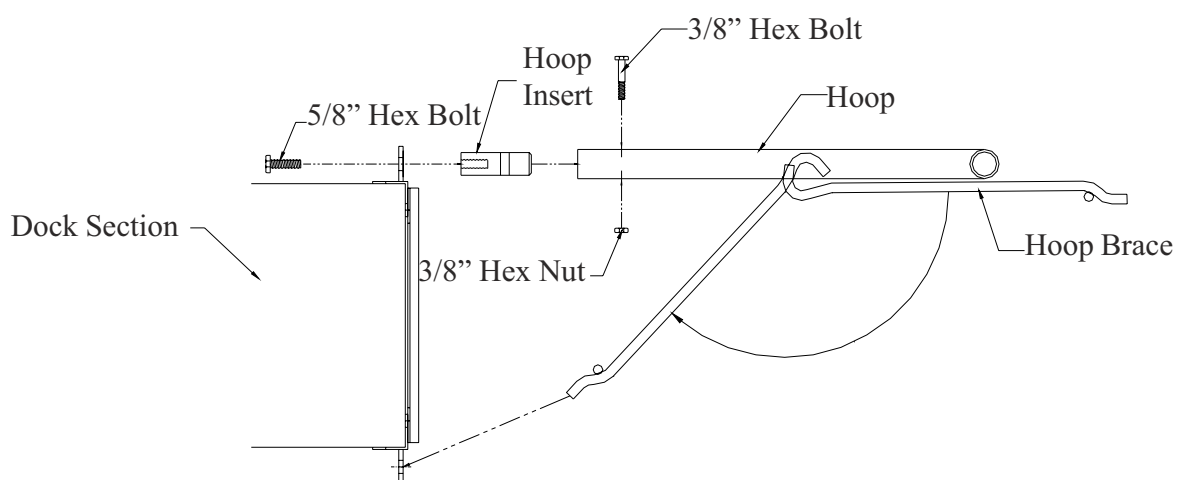
#### Step 1

Loosely attach two hardware connectors to the bottom of the adjustable piling bracket. Place two hardware connectors into the top pockets of the dock section where the piling bracket is to be installed. Next guide the bracket and previously install bottom hardware connectors (tapered side up) so that the bottom connector are brought fully seated into the bottom pockets. Move the bracket in towards the dock so that the top two hardware connectors align with the mount holes in the bracket. Secure the bracket to the dock by fully threading the enclosed 5/8" lock nuts. Install piling, if using existing piling make sure that the hoop can go around piling and mount into hoop mount holes on each side.





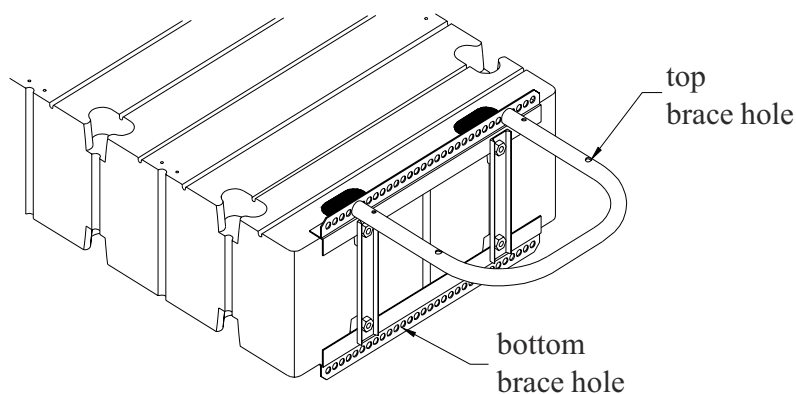
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**Step 2**

Place hoop insert into the hole at the end of the hoop. Next insert 3/8"x 2" hex bolt thru the top of the hoop bracket and hoop insert. Secure with 3/8" hex nut. Insert the hooked end of the hoop brace into the predrilled hole in the bottom of the hoop. Rotate the brace clockwise until it fits snugly inside the hoop.

**Step 3**

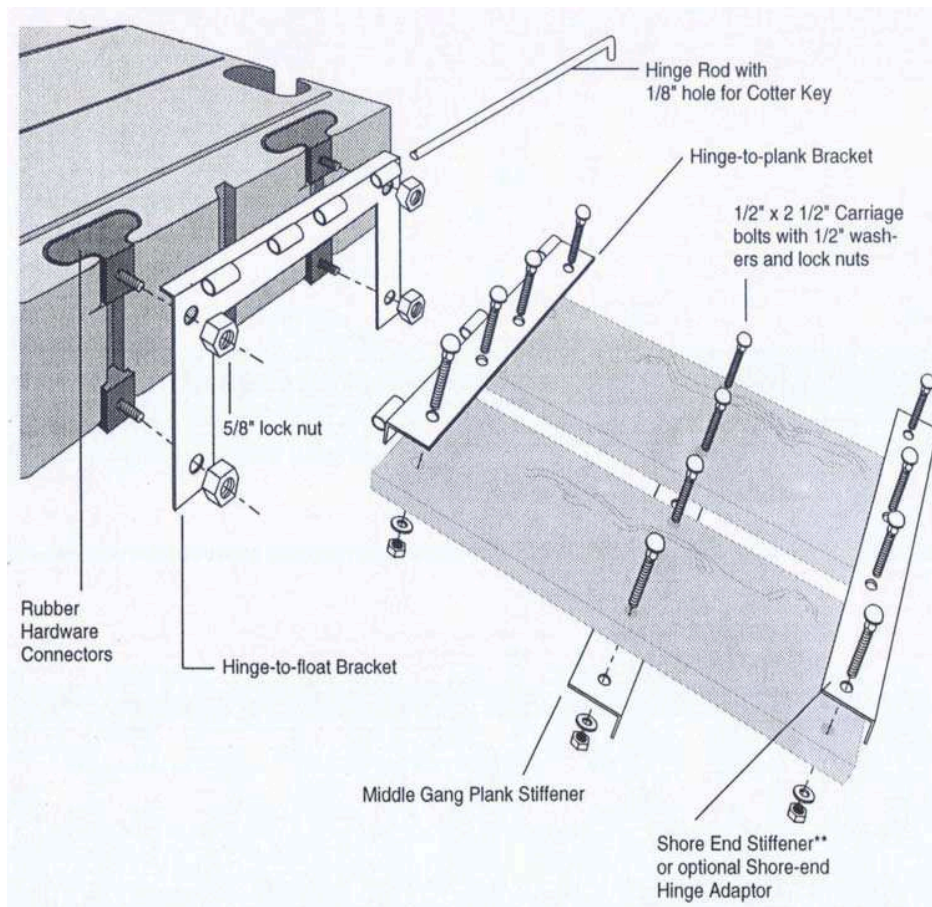
Center hoop assembly around the piling and insert the ends of the hoop braces into there corresponding holes on the bottom of the piling bracket. Apply pressure while pulling the hoop up towards the dock until the ends of the hoop are flush with the top of the bracket. Insert the 5/8" x 1" hex cap bolt through the top holes of the bracket and into the threaded end of the hoop inserts.



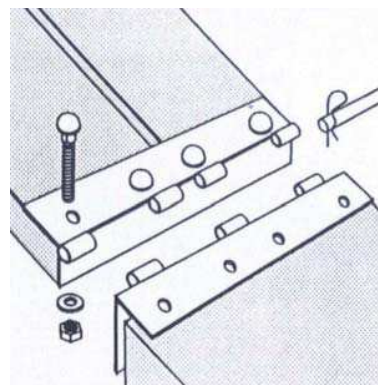
## Gangplank Installation

See reverse side for Aluminum Gangway installation

### Gangplank Kit



### Shore-end Hinge Adapter Kit Installation



This kit is an optional kit used to connect the gangplank to a shoreline bulkhead. Use stiffener with hinge sleeves in place of shore end stiffener.

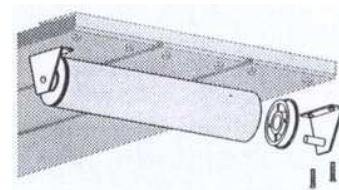
1. Attach bulkhead angle using lag screws if attaching to wood or concrete anchors if attaching to concrete.
2. Align sleeves and secure with hinge pin and clip

### Gangplank Assembly

A galvanized steel hinge bracket and the attaching hardware make up the Gangplank Kit. Lumber to be used for the gangplank is sold separately. Lengths of the gangplanks vary with the length of the lumber purchased. Gangplank kits accommodate widths of 2 planks, 3 planks, and 5 planks. Selection of the proper width is important and the weight of a gangplank that is too wide can cause the first dock section to list. Length and width requirements are important to have balanced with the dock configuration. A 2 plank gangplank may be up to 12' long, a 3 plank gangplank may be up to 8' long, and a 5 plank gangplank may be up to 6' long without any special provisions. Lengths are based on the gangplank being attached to a system containing at least three dock sections.

1. Cut all the planks to equal lengths.
2. Lay the planks side by side as they will be when assembled.
3. Place the hinge-to-plank bracket, shore-end stiffener, and middle stiffener on the planks and mark the holes for bolt locations.
4. Drill 1/2" holes through the planks at each of the locations marked in step 3.
5. Attach the stiffeners at the shore end and at the mid-point as shown using the carriage bolts, washers, and nuts provided.
6. Attach the hinge-to-float bracket to the dock section by fully threading the 5/8" lock nuts onto the hardware connectors. Care should be taken to not over-tighten the nuts.
7. Align the sleeves of the hinge-to-plank bracket on the gangplank and the hinge-to-float bracket on the dock side then slide the hinge pin through all the sleeves. Secure the hinge pin with the hinge pin clip.

### Gangplank Roller Kit Installation



The roller attachment allows the end of the gangway to adjust to with changing water levels. 3" schedule 80 PVC pipe is sold separately.

1. Determine the location that will allow the gangplank to roll and pivot without scraping on the dock surface.
2. The roller should be cut to length that will position brackets 2" from outside edge of wooden gangplanks. Secure with 4 each stainless steel screws.



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## EZ Dock Install Instructions

### Standard Duty Pipe Bracket



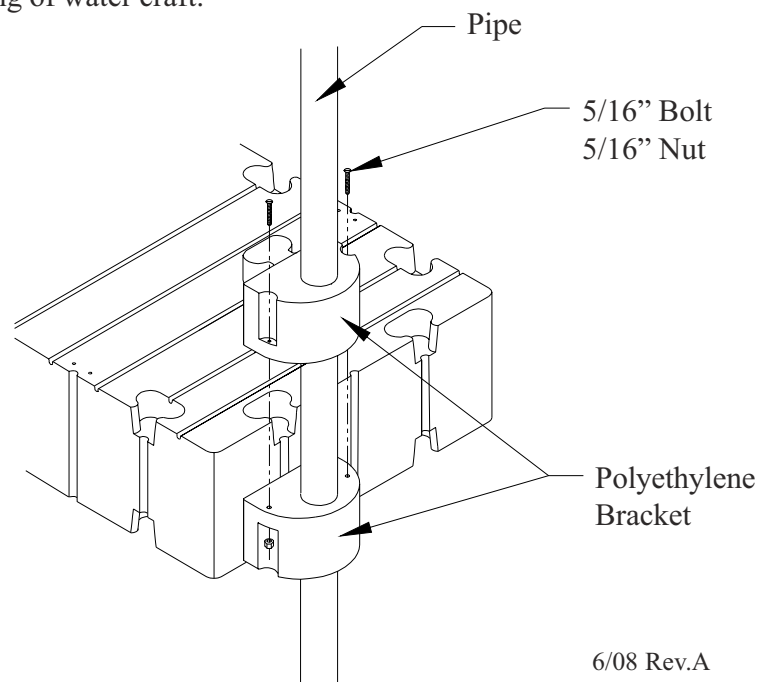
130250	1300350	130250	130350	tools required
Standard Pipe Bracket			Standard Pipe Bracket	
2- poly brackets 1- hardware bag		2- poly brackets 1- hardware bag		hammer level #2 phillips screw driver 9/16" open end wrench

This bracket is designed for residential use and to anchor EZ Port PWC lifts. For installation, wave action should not exceed two feet and water depths should not exceed 8 feet for 2" pipe or 12 feet for 3" pipe.

When anchoring with pipe the pipe must be sufficiently driven or augered into the lake, river, or ocean bottom. A minimum of 3 feet is required for all pipe installations and the pipe should always be vertical and stright. To aid in the installation of pipe an auger (EZ# 100255 and 100355) can be bolted into the end of the pipe and the pipe can be turned like a big screw into the lake, river, and ocean bottom. It is recommended to use the auger except in rocky conditions. When anchoring EZ Ports use the 3-1/2" pipe bracket (130350) with 2-1/2" pipe to allow the port to move sufficiently with loading and unloading of water craft.

#### Step 1

Slide the polyethylene bracket halves over the top of the pipe as shown. The two halves of the bracket are identical. Align the pipe next to the dock where it is to be attached. The pipe should be placed so that it is centered with a pocket. Install the bottom half of the bracket by inserting its molded on coupler into the bottom pocket of the dock or lift. Attach the top half of the bracket by inserting the molded on coupler into the top pocket of the dock or lift. Secure the two halves together using the supplied 5/16" bolts and nuts. Using a level plump the pipe and secure pipe by augering or by driving.







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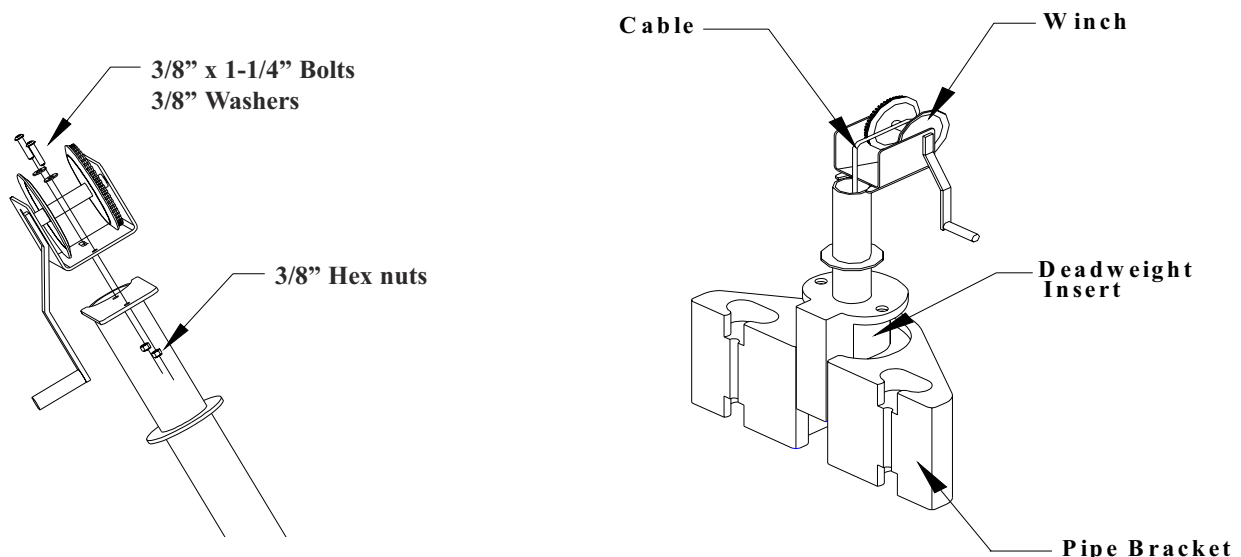
## EZ Dock Install Instructions

### Winch Insert



210350	100730	210350	100730	tools required
<b>HD Pipe Bracket</b> 1- poly main frame 1- 2-1/2" insert 4- couplers 2- coupler bolts 2- coupler nuts 1- hardware bag		1- winch 1- winch insert 1- hardware bag	<b>Winch Insert</b>	hammer 15/16" socket and ratchet EZ-Dock drive tool #2 phillips screw driver 9/16" open-end wrench

The dead weight winch insert is used to attach dead weights to anchor EZ Dock sections. The cable can be easily adjusted with the winch for varies water conditions. The dead weight insert comes ready to insert an EZ Dock heavy duty polyethylene pipe bracket. The pipe bracket, winch insert, and cable needed for the installation are sold separately.



After the installation of the heavy duty pipe bracket.

Using the enclosed hardware in the small parts bag, bolt and secure the winch to the top of the winch insert as shown. Insert the winch insert into the deadweight bracket. See EZ-Dock guidelines for deadweight anchoring.



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## EZ Dock Install Instructions

### Piling Bracket HD



#### 300800

#### 300800

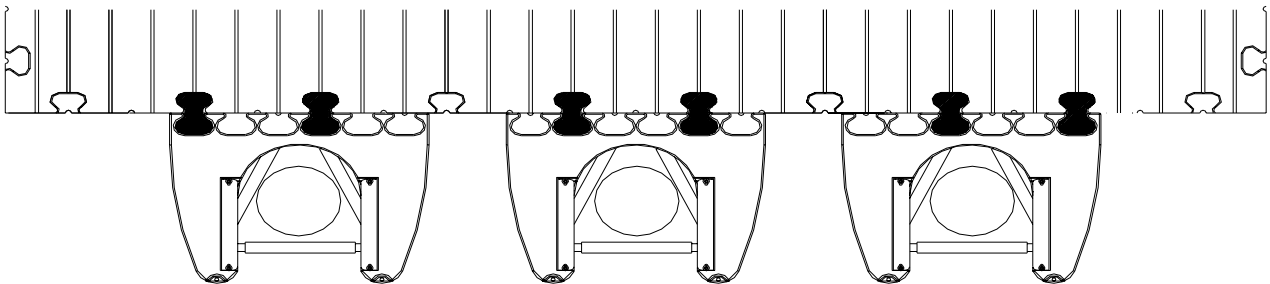
HD Piling Bracket

- 2- polyethylene piling brackets
- 3- roller assembly
- 2- coupler sets comp
- 2- top connection plates
- 1- hardware bags

#### tools required

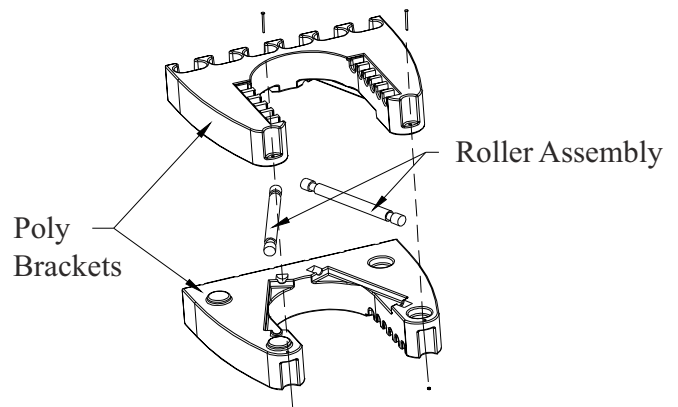
- hammer
- 15/16" socket and ratchet
- EZ-Dock installation tool
- #2 phillips screw driver
- 9/16" openend wrench

The heavy duty piling bracket is recommend for deep water levels or serve conditions such as heavy wave or wind action or when a large craft is to be moored to the dock system. The 200800 and 300800 can be coupled with any pocket configuration to allow for the piling to center in the piling bracket. When the piling is installed there should be approximantly 1-1.5" gap between the rollers and the piling.

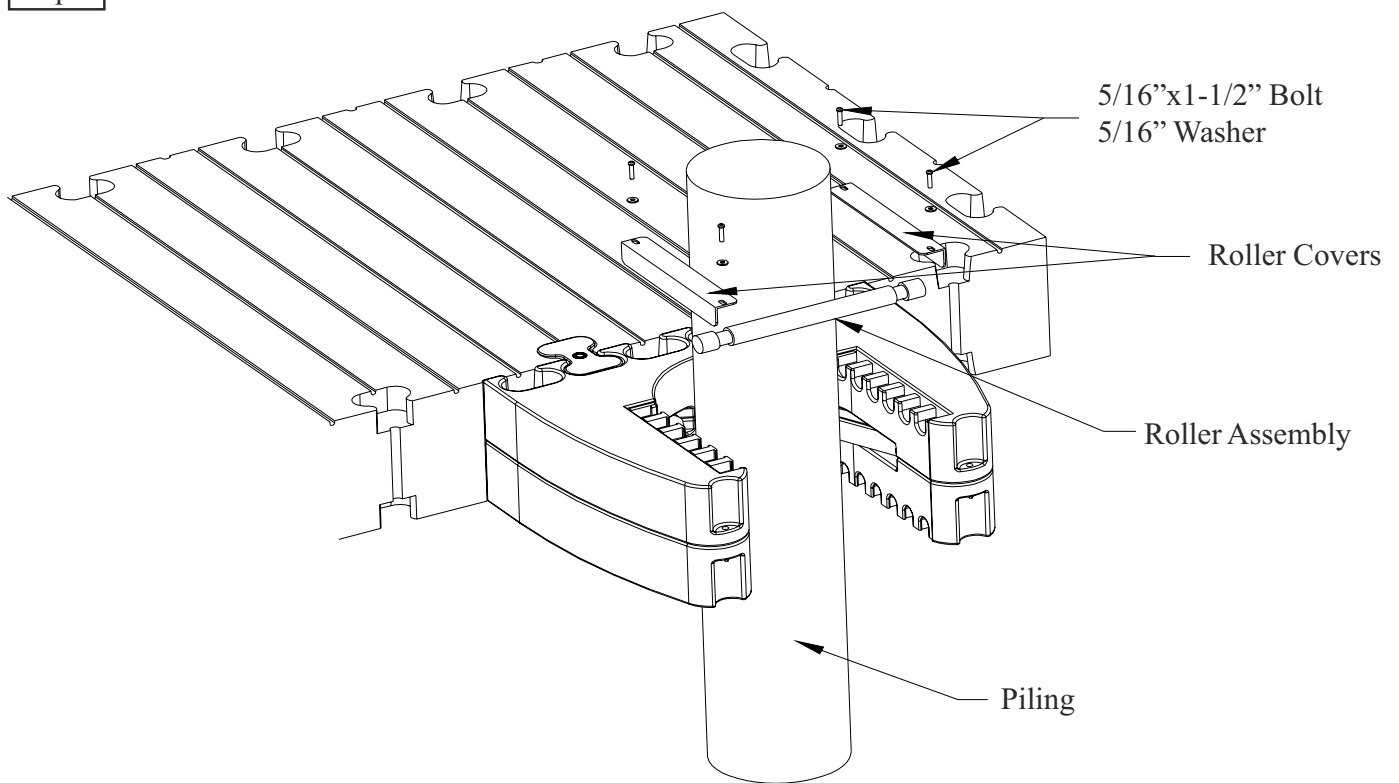


#### Step 1

Place the two bottom roller assemblies into the bottom in either the foward or backward position. For pilings up to 12" diameter or smaller use the foward position, for pilings larger than 12" use the rear roller position. Place the top half of the piling bracket on top of the lower half as shown and bolt them together using the 5/16"x3-1/2" bolts and nuts.



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**Step 2**

Attach the adjustable piling bracket to the dock in the desired pocket location and secure using two standard coupler sets. After you have the piling bracket around the piling and centered. Place the remaining roller assembly into one of the top roller cradles. It is important to leave 1" to 1.5" of clearance between the rollers and the piling so that the dock can move freely with water level changes. Place the roller covers over the roller cradles on the top bracket and secure using four 5/16"x1-1/2" truss head bolts.

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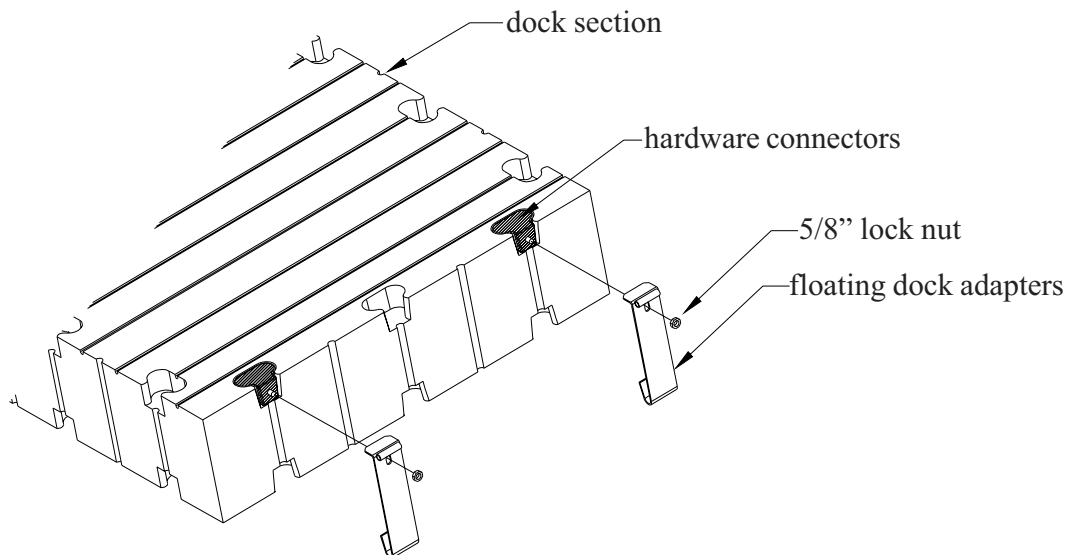
# EZ Dock Install Instructions

## Polyethylene Transition Kit



<b>100717</b> 15" transition kit 2- 15" transition brackets 2- hinge dock adapter plates 2- floating dock adapters 2- hardware connectors 1- polyethylene planks 2- 60" hinge rod 2- 3/4"x 31" pipe 1- hardware kit 12- abutment mounting bolts (sold sep.)	<b>100718</b> 30" transition kit 2- 30" transition brackets 2- hinge dock adapter plates 2- floating dock adapters 2- hardware connectors 2- polyethylene planks 2- 60" hinge rod 2- 3/4"x 31" pipe 1- hardware kit 12- abutment mounting bolts (sold sep.)	<b>100717</b> 15" transition kit 2- 15" transition brackets 2- hinge dock adapter plates 2- floating dock adapters 2- hardware connectors 1- polyethylene planks 2- 60" hinge rod 2- 3/4"x 31" pipe 1- hardware kit 12- abutment mounting bolts (sold sep.)	<b>100718</b> 30" transition kit 2- 30" transition brackets 2- hinge dock adapter plates 2- floating dock adapters 2- hardware connectors 2- polyethylene planks 2- 60" hinge rod 2- 3/4"x 31" pipe 1- hardware kit 12- abutment mounting bolts (sold sep.)	<b>tools required</b>  15/16" wrench or socket hammer #2 phillips screw driver drill and bit
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## Polyethylene Transition

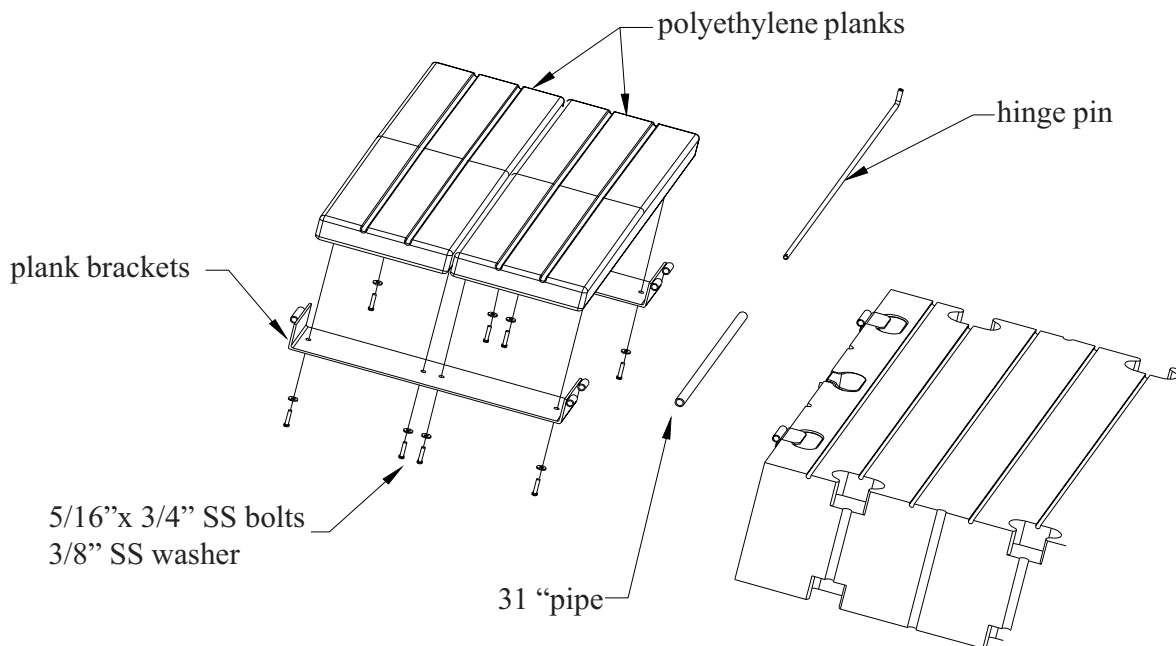


### Step 1

Insert the hardware connector into the dock pocket, leaving an empty pocket between them. Insert the floating dock adapters into place with the hooked portion inserted into the bottom pocket and the hinge portion on top. Secure the adapter to the hardware connector with the 5/8" lock nut. Fully thread the nut into place but do not over tighten.

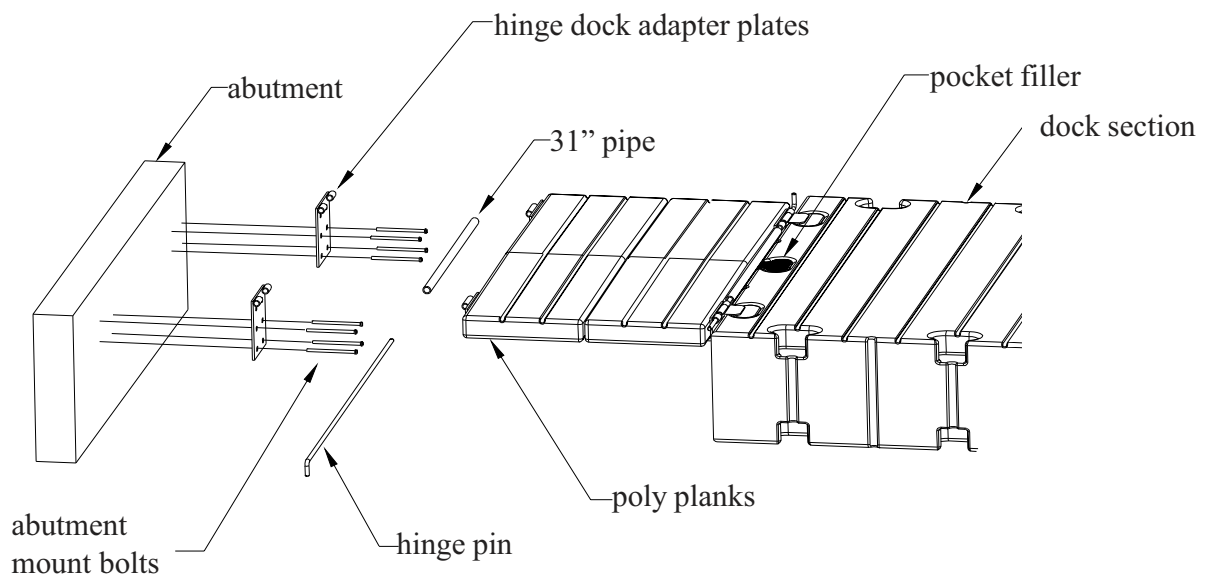


## Polyethylene Transition



### Step 2

(Note: The 30" transition is shown; the 15" is assembled the same, but with just one poly plank.) Insert the poly plank(s) into the plank brackets and secure them from the underneath side with 5/16"x 3/4" SS bolts and 3/8" SS washers. (The piece of pipe fits between the plank bracket hinges to space the gap between the transition and the dock.) Align the transition plank assembly hinges to the hinge sleeves on the dock section, hold the pipe in between the hinge sleeves and insert the hinge pin through all hinge sleeves. Secure the hinge pin with the hinge pin clip.



### Step 3

(Note: The bolts to mount the hinge dock adapter plates to the abutment are not included in kit.) Align the sleeves on the hinge dock adapter plates to the sleeves on the transition assembly, hold the pipe between the hinges, and insert the hinge pin through all the hinges. Secure the hinge pin with the hinge pin clip. Align the transition kit and dock assembly to the desired incline and placement. With the hinge dock adapter plates in place mark and drill holes. Fasten the transition to the abutment securely. Insert the pocket filler into the empty pocket between the transition assembly and the dock.



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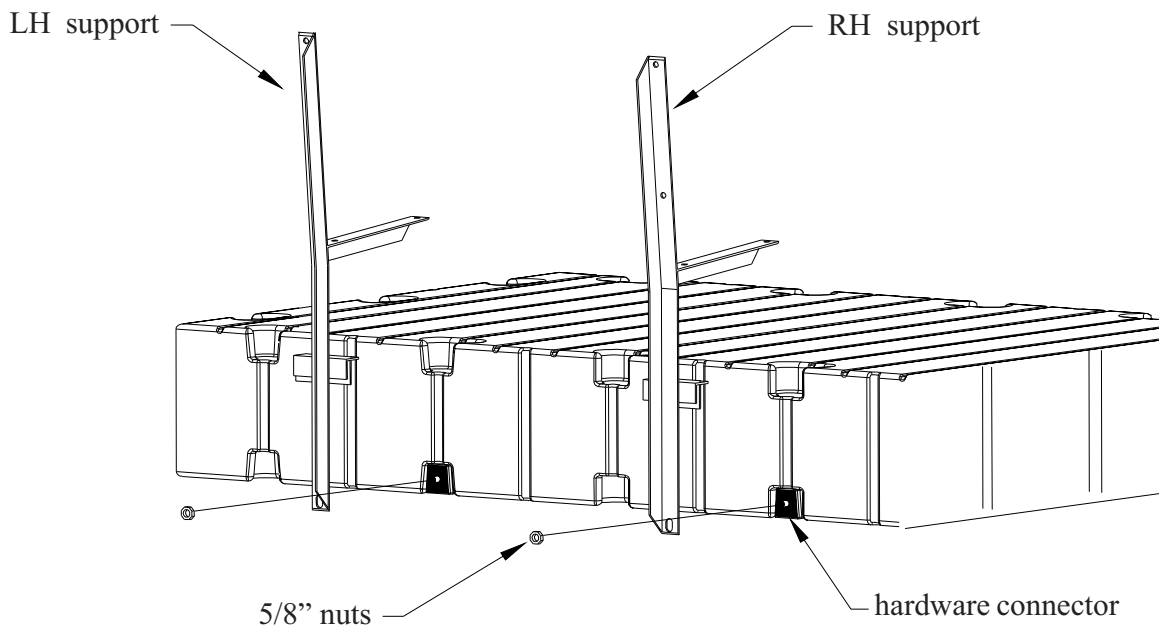
## EZ Dock Install Instructions

### Polyethylene Dock Bench



300970	300965	300970	300965 Bench Kit	tools required
<b>Bench Kit With Arms</b> 2- polyethylene bench planks 2- bench arms 1- LH support bracket 1- RH support bracket 2- hardware connectors 1- large parts bag 3- small parts bags		2- polyethylene bench planks 1- LH support bracket 1- RH support bracket 2- hardware connectors 1- large parts bag 2- small parts bags		<b>#2 phillips screw driver</b> <b>15/16" wrench or socket</b> <b>hammer</b>

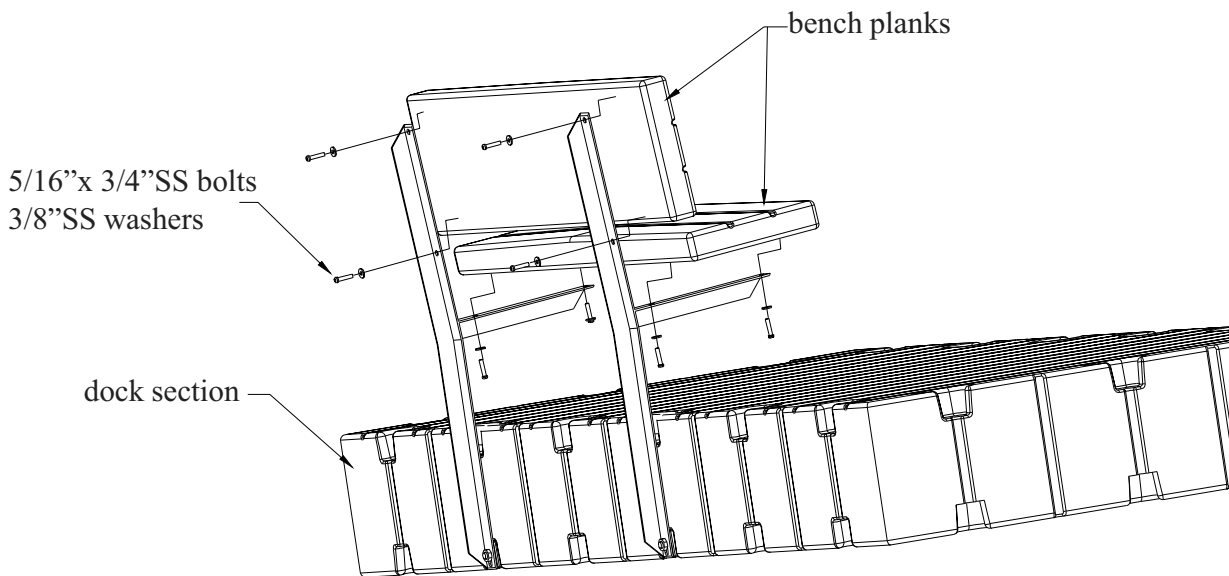
### Polyethylene Dock Bench



#### Step 1

Insert the hardware connectors into two of the bottom dock pockets as shown, leaving an empty dock pocket between them. Insert the RH and LH support brackets into the top dock pockets and secure with 5/8" lock nut to the hardware connector. Take care not to over tighten the lock nut.

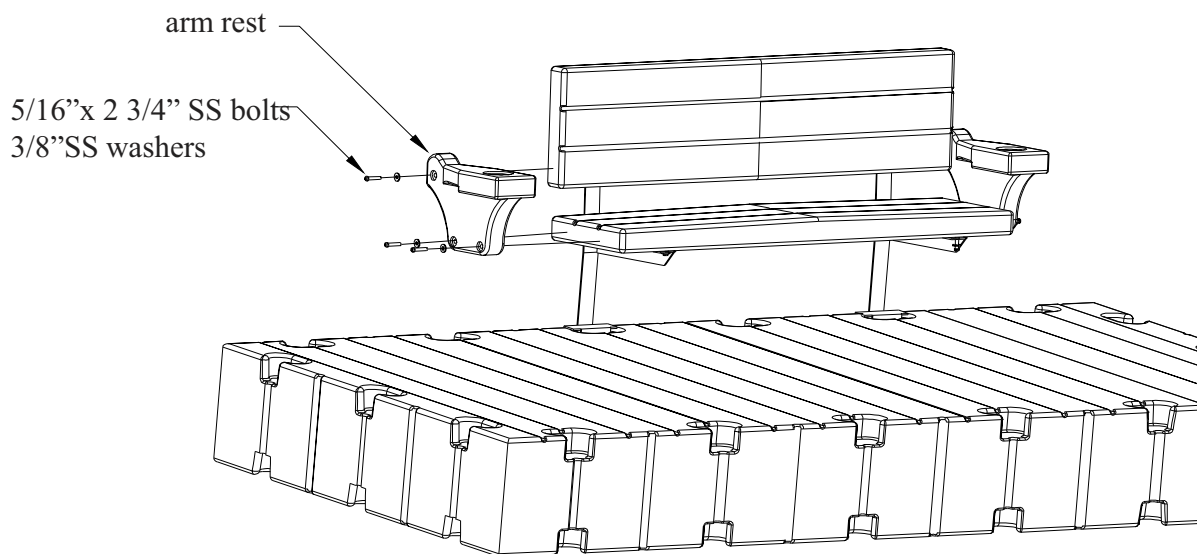
## Polyethylene Dock Bench



### Step 2

Both bench planks are identical and will fit on either side of the bench. Secure and fasten the poly bench planks to the bench support brackets using the hardware in the small parts bag. If installing the optional arm rests it will be necessary to leave these bolts finger tight to insure proper alignment of the arm rest.

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### optional

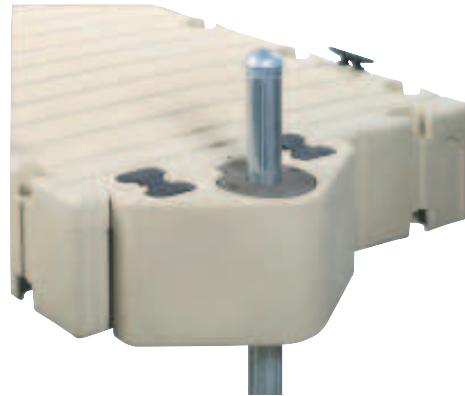
Mount arm rests to the end of the bench assembly. Both arm rests are identical and will fit either side of the bench. Secure and fasten with the hardware supplied with the small parts bag. Insure that the bench plank bolts are tightened after installation of the arms.



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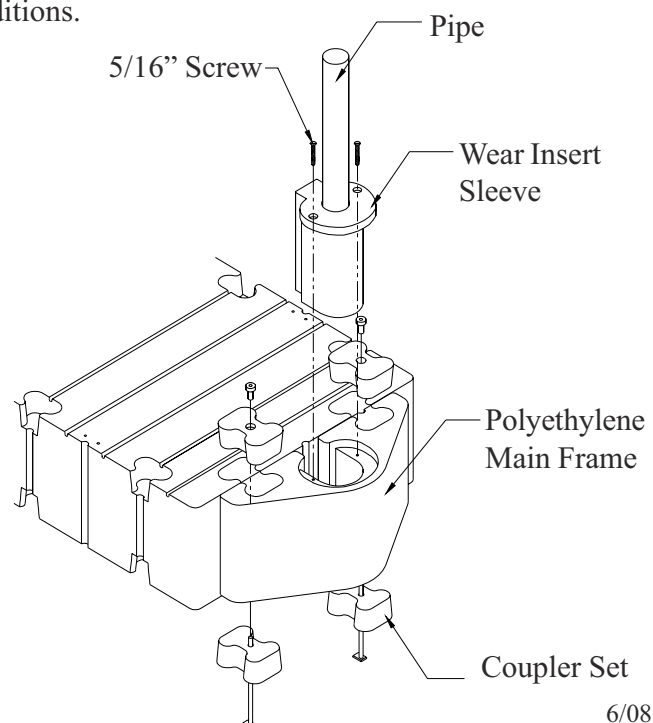
### Heavy Duty Pipe Bracket



210250	2100350	210250	210350	tools required
<b>HD Pipe Bracket</b> 1- poly main frame 1- 2-1/2" insert 4- couplers 2- coupler bolts 2- coupler nuts 1- hardware bag		<b>HD Pipe Bracket</b> 1- poly main frame 1- 3.0" insert 4- couplers 2- coupler bolts 2- coupler nuts 1- hardware bag	<b>HD Pipe Bracket</b>	hammer 15/16" socket and ratchet EZ-Dock installation tool #2 phillips screw driver

This bracket is designed for residential and light commercial applications which must allow docks to adjust to changing water levels. Wave action should not exceed three feet and water depths not exceed 12 feet for the 2-1/2" insert and 18 feet for the 3" insert. When anchoring with pipe, the pipe must be sufficiently driven or augered into the lake, river, or ocean bed. A minimum of 3 feet is required for all pipe installations and the pipe should always be vertical and straight. To aid in the installation of pipe an auger (EZ# 100255 and 100355) can be bolted into the end of the pipe and the pipe can be turned like a big screw into the lake, river, or ocean bottom. It is recommended to use the auger except in rocky conditions.

Slide the insert sleeve over the top of the pipe to be installed. Align the pipe next to the dock where it will be attached. It should be placed so that the sleeve is centered between two pockets. Auger or drive the pipe into the bottom until it will stand by itself but still can easily adjusted for proper positioning. Slide the inserts sleeve up the pipe far enough so that the main frame can be brought around the pipe and into position against the dock. Attach the polyethylene main frame to the dock using a standard coupler set. Slide the insert sleeve down the pipe and into the poly main frame, adjusting pipe location if necessary. Secure the insert sleeve with two 5/16" bolts provided. Finish augering or driving the pipe into the bottom so that it is solidly in place, the minimum depth of the pipe is three feet.







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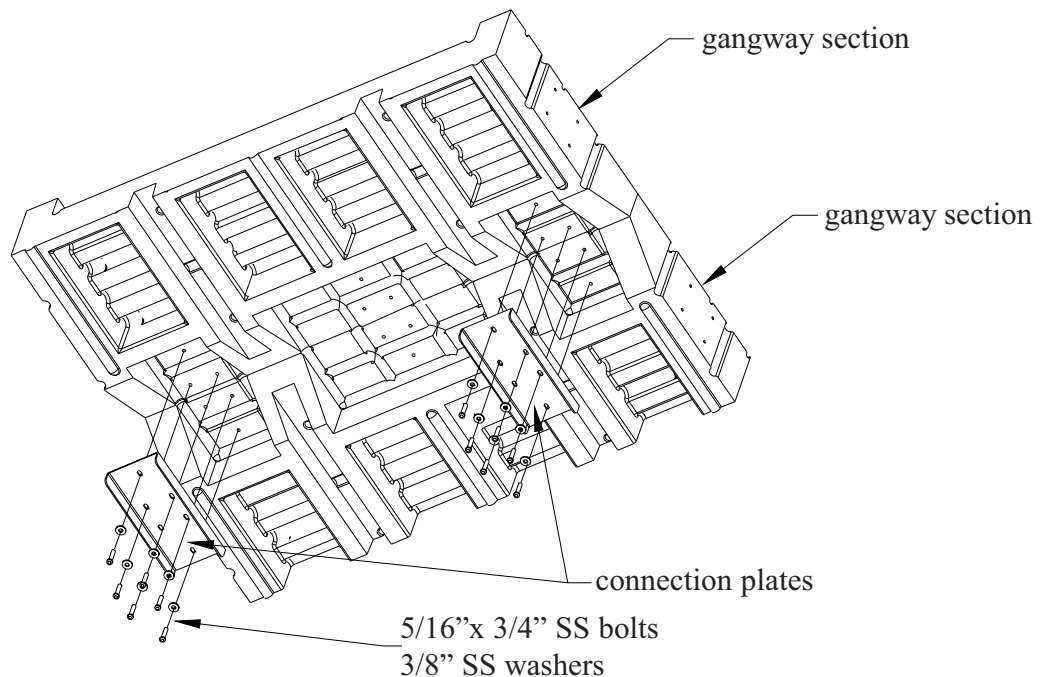
### Polyethylene Gangway



<p><b>401412</b> 12' Gangway Kit</p> <p>2- 2"x 3"x 12' aluminum trusses 2- SS connection plates 1- large hardware bag 2- small hardware bags</p> <p>2- 4'x 6' polyethylene sections (sold separately)</p>	<p><b>401418</b> 18' Gangway Kit</p> <p>2- 2"x 3"x 18' aluminum trusses 4- SS connection plates 1- large hardware bag 4- small hardware bags</p> <p>3- 4'x 6' polyethylene sections (sold separately)</p>	<p><b>tools required</b></p> <p>drill 3/8"x 7" drill bit #2 phillips screw driver 9/16" open end wrench or socket</p> <p>Note: Weight Capacity 12' gangway-1750 lbs. 18' gangway-1300 lbs.</p>
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#### Step 1

Lay out the polygangway sections with the walking surface down and bolt the gangway connection plates to the underside of gangway sections as shown. The small hardware bags will be used for this attachment. There are three mounting surfaces for the connector plate, only use the outer two leaving the center one empty.

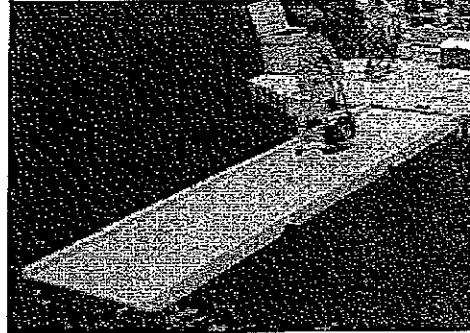




EZ Dock Europe  
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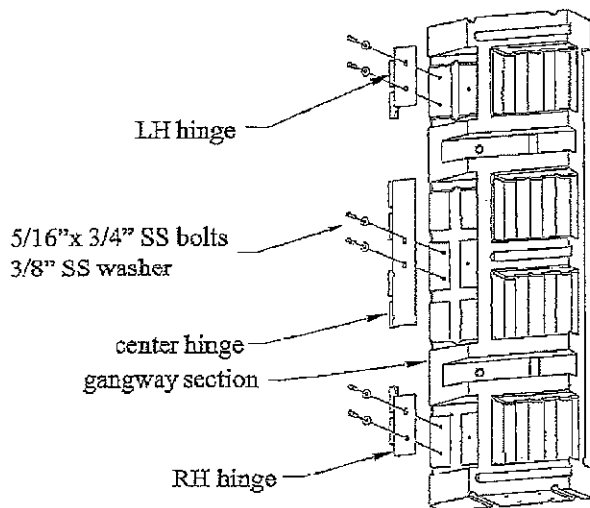
## EZ Dock Install Instructions

### PE Gangway to Float Kit

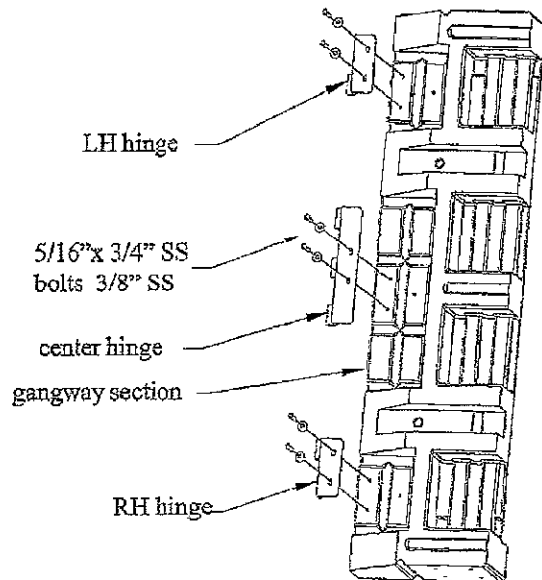


400460 and 400460 SS	400480	400480 and 400480 SS	tools required
1- RH hinge 1- center hinge 1- LH hinge 1- hinge to float bracket 1- hinge pin 5- hardware connectors 1- hinge pin clip 1- large parts bag 1- small parts bag	1- RH hinge 1- center hinge 1- LH hinge 1- hinge to float bracket 1- hinge pin 6- hardware connectors 1- hinge pin clip 1- large parts bag 1- small parts bag		15/16" wrench or socket #2 phillips screw driver hammer  Note: Weight Capacity 12' gangway-1750 lbs. 18' gangway-1300 lbs.

### Stainless Steel Gangway Hinge



### Galvanized Gangway Hinge



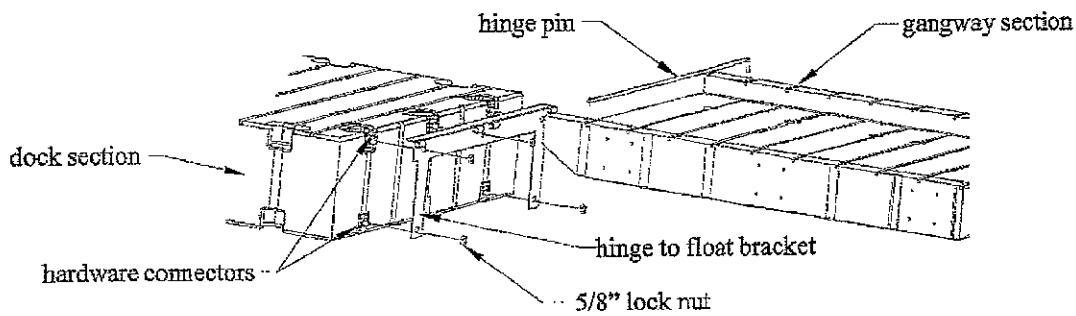
#### step1

Using the small parts bag bolt and secure the hinges to the polygangway. Depending on the application this may need to be done on both ends. (Note: The placement of the RH and LH hinge needs to be as shown. With the slugs facing inward towards the center.)

## Polyethylene Gangway Installation Instructions

### Step 2

#### Hinge to Float Assembly



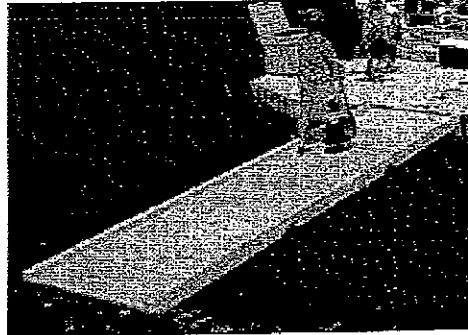
The hinge assembly attaches to a floating dock section to a gangway. The hinge assembly is constructed of stainless steel for saltwater applications and of galvanized steel for freshwater applications. Insert the hardware connectors into the pockets and attach the hinge to float bracket. Secure by fully threading the 5/8" lock nut onto the hardware connector. Align the hinge sleeves with the gangway hinge sleeves and insert the hinge pin through all the sleeves. Secure the hinge pin with hinge pin clip.



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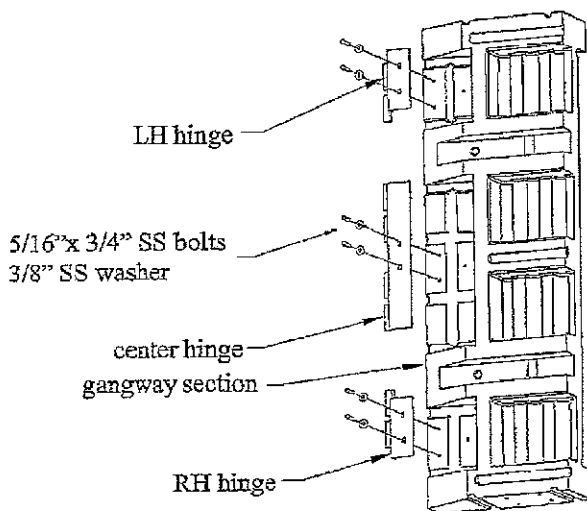
## Ez Dock Install Instructions

### PE Gangway to Abutment Kit

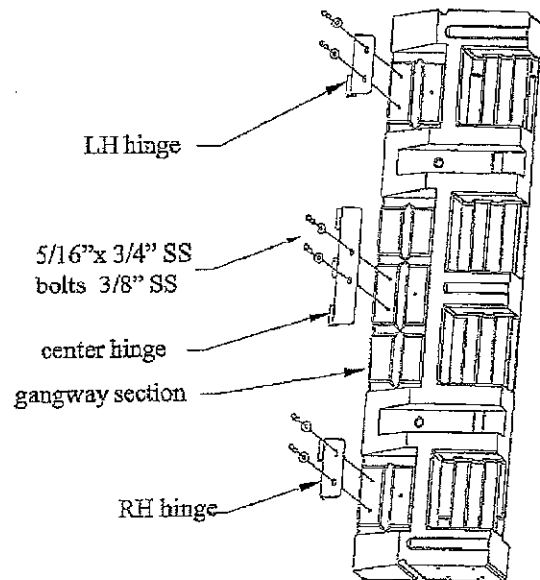


400450	400450 SS	400450 SS	tools required
1- center hinge 1- LH hinge 1- RH hinge 1- hinge to abutment bracket 1- hinge pin 1- hinge pin clip 1- small parts bag Note: Hinge to abutment mounting hardware sold separately.	1- center SS hinge 1- LH SS hinge 1- RH SS hinge 1- SS hinge to abutment bracket 1- SS hinge pin 1- hinge pin clip 1- small parts bag Note: Hinge to abutment mounting hardware sold separately.	1- center SS hinge 1- LH SS hinge 1- RH SS hinge 1- SS hinge to abutment bracket 1- SS hinge pin 1- hinge pin clip 1- small parts bag Note: Hinge to abutment mounting hardware sold separately.	concrete abutment: hammer drill masonry bit wrench wood abutment: drill drill bit wrench

### Stainless Steel Gangway Hinge



### Galvanized Gangway Hinge



#### step1

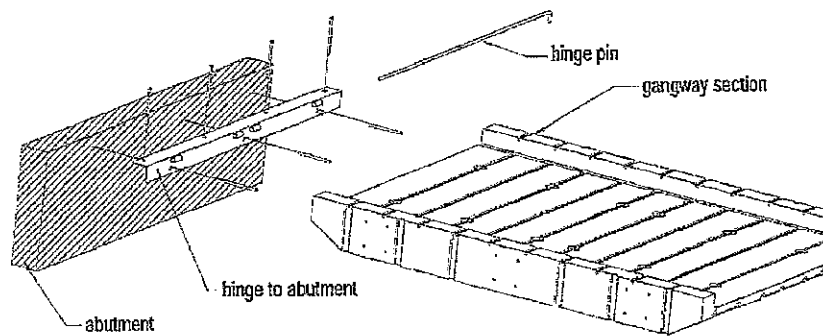
Using the small parts bag bolt and secure the hinges to the polygangway. Depending on the application this may need to be done on both ends. (Note: The placement of the RH and LH hinge needs to be as shown. With the slugs facing inward towards the center.)



## Polyethylene Gangway Installation Instructions

### Step 2

#### Shore Abutment Hinge Assembly



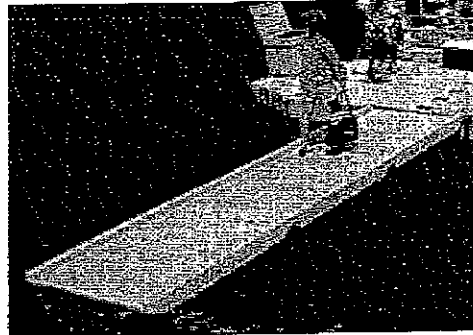
The hinge assembly attaches to the shoreline bulkhead with lag bolts when attaching to a wooden abutment and with concrete anchors when attaching to concrete. Align the abutment hinge sleeves with the gangway hinge sleeves and insert the hinge pin through all the sleeves. Secure the hinge pin with hinge pin clip. (Attachment hardware sold separately.)



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## EZ Dock Install Instructions

### PE Shore End Aluminum Transition Plate



**400401**

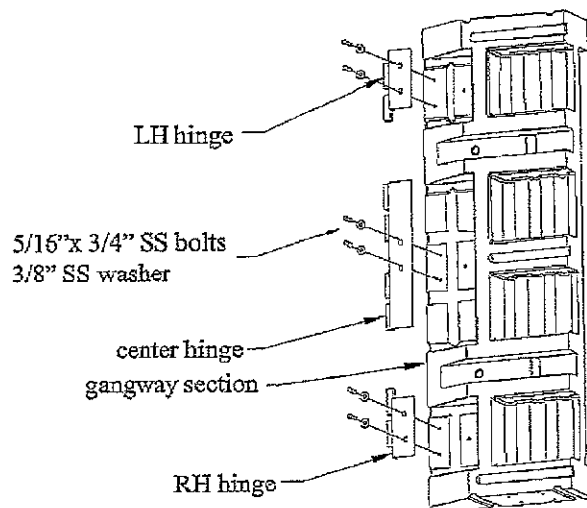
1- RH hinge  
1- center hinge  
1- LH hinge  
1- aluminum transition plate  
1- hinge pin  
1- hinge pin clip  
1- small parts bag

#### tools required

#2 phillips screw driver

Note: Weight Capacity  
12' gangway-1750 lbs.  
18' gangway-1300 lbs.

### Stainless Steel Gangway Hinge

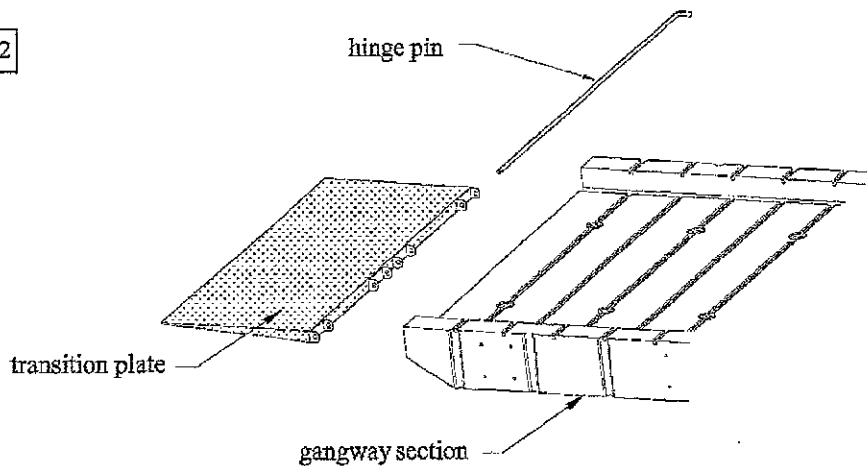


#### step 1

Using the small parts bag bolt and secure the hinges to the polygangway. Depending on the application this may need to be done on both ends. (Note: The placement of the RH and LH hinge needs to be as shown. With the slugs facing inward towards the center.)

## Polyethylene Gangway Installation Instructions

Step 2



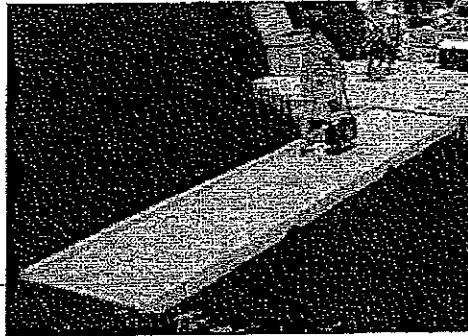
The transition plate attaches to the polygangway for a smooth, safe transition from shore to dock. The transition plate is constructed of diamond plate aluminum. Align the attachment sleeves with the hinges on the gangway and insert the hinge pin through all the sleeves. Secure the hinge pin with hinge pin clip.



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Avenue du Progrès, 19  
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## EZ Dock Install Instructions

### PE Gangway Roller Kit



**300300**

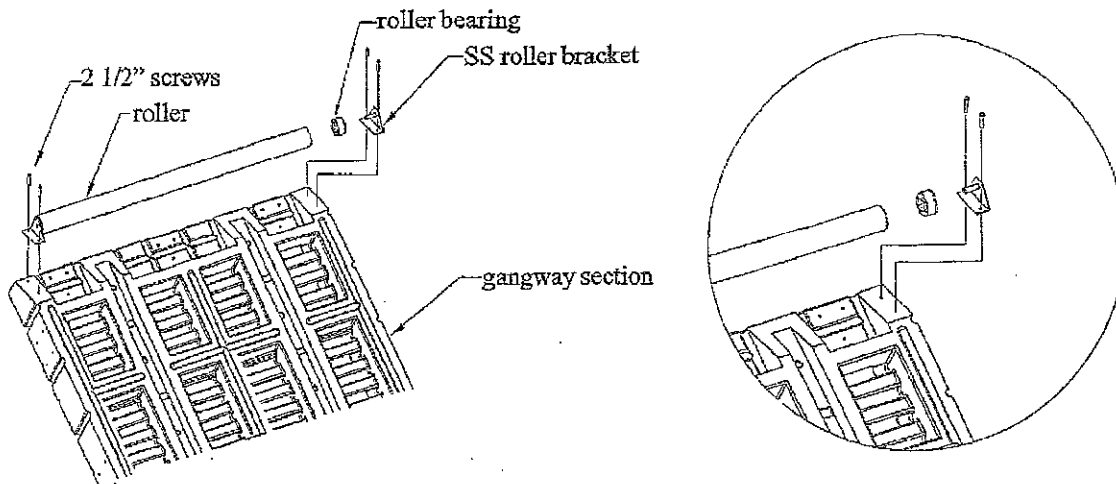
- 1- PVC roller
- 2- roller bearings
- 2- SS roller brackets
- 1- small parts bag

#### tools required

- drill
- 5/16" drive bit

Note: Weight Capacity  
12' gangway-1750 lbs.  
18' gangway-1300 lbs.

### Polyethylene Gangway Roller



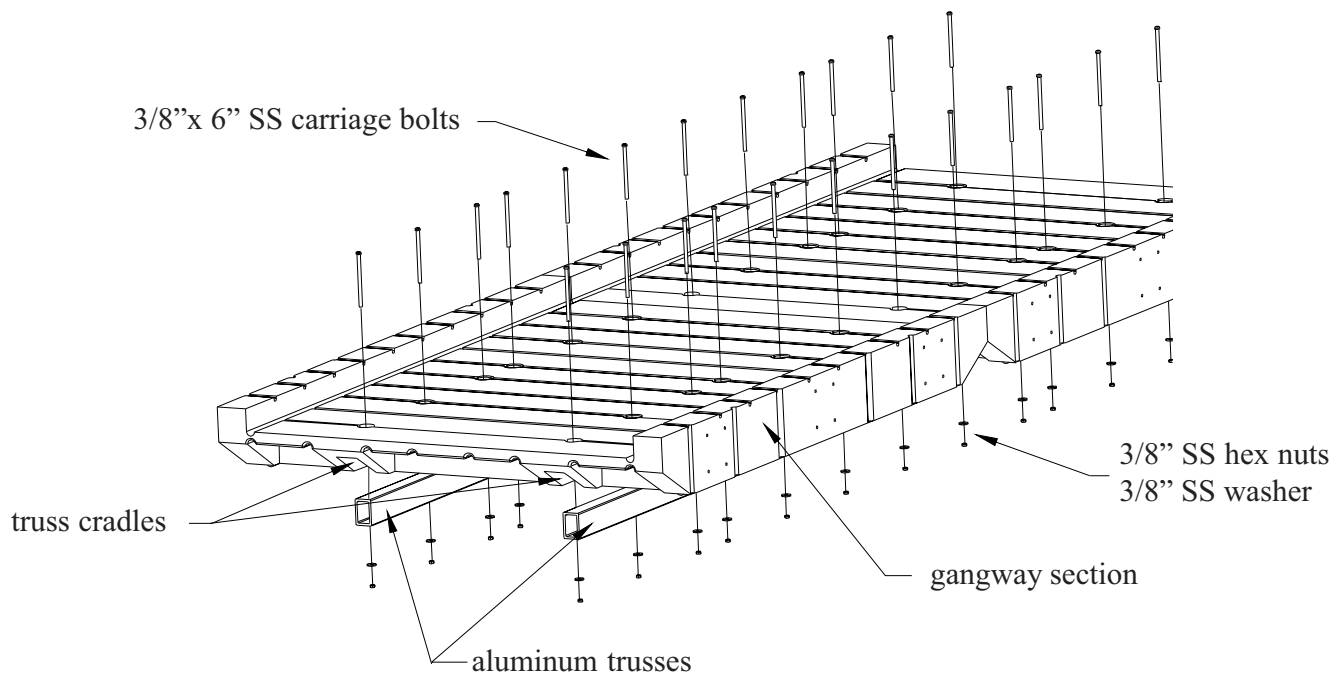
The roller kit is to protect the gangway by allowing it to roll due to vertical movement from the dock and gangway. Inset the roller bearings into both ends of the roller. Insert roller brackets into each end of the bearings. Hold in place and align onto gangway mounting surface. There is NOT predrilled holes on the mounting surface. Take great care in making sure of placement of this assembly. Mark mount holes to assure proper locations. Using a drill and self tapping screws secure the mounting brackets to gangway.



## Polyethylene Gangway Installation Instructions

### Step 2

Lay out two 4x4s (or any other comparable means of a sawhorse). Space them out approximately 10' apart. Lay the aluminum trusses perpendicular on the 4x4s spacing them 20" apart. Using the truss cradles in the bottom of the gangway, place gangway onto aluminum trusses. Insure that the ends of the aluminum trusses are 5 1/2" from the outer ends of the gangway. With everything in place drill 3/8" holes down though the aluminum trusses using the holes in the gangway sections as pilot holes. Insert the 3/8"x 6" SS carriage bolts into all holes and secure with washer and nut. (The gangway can be stood up on its side for easier reach of the bolts only after the ends of each gangway section has been securely fastened to the aluminum trusses.)





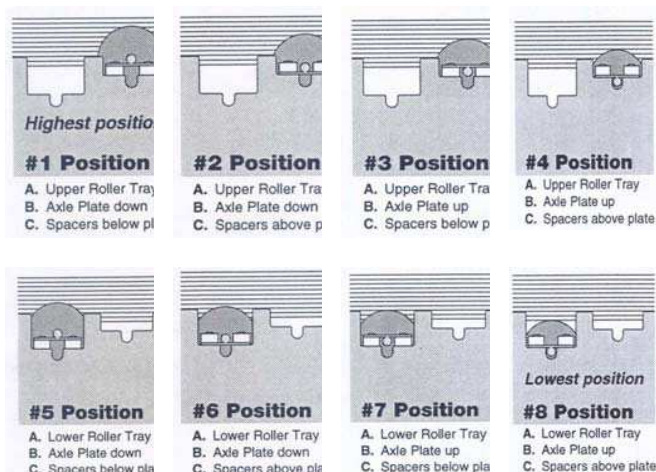
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Monett, MO 65708  
Phone 417-235-2223 Fax 417-235-2232  
Toll Free 800-654-8168  
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## EZ Port Boat Lift Installation

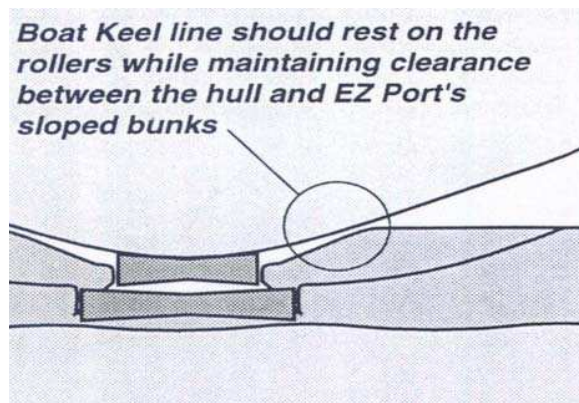
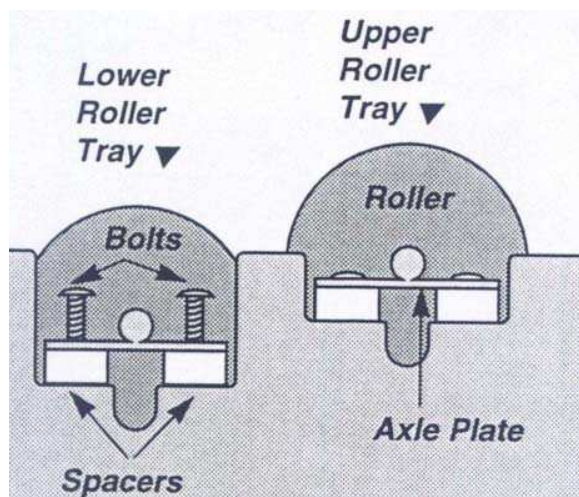
### Roller Assembly and Positioning Instructions

It is very important that your boat is supported entirely by the rollers with clearance between the hull and the boat lift sections. If the hull is resting on the dock, rather than the rollers, launching will be very difficult. Therefore...**Always Start Out With The Rollers In The Highest Position** – position 1 in illustration. If this position allows the hull to rock excessively, move to a lower position.

- Moving the roller from the upper tray to the lower tray reduces clearance by 1”.
- Placing the spacers above the axle plate reduces clearance by 1/2”.
- Position the roller with the axle plate facing up reduces clearance by 1/4”.

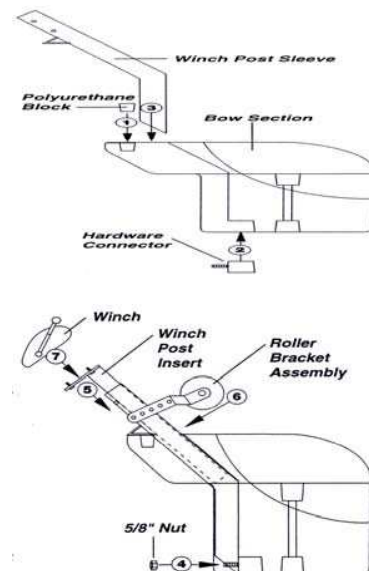


See reverse side for EZ Port Boat Lift installation and Dock assembly



### Winch Stand Installation

1. Insert the yellow polyurethane block in top, front pocket of Bow Section.
2. Place black rubber hardware connector in bottom, front pocket of Bow Section.
3. Slide the stainless steel winch post sleeve through opening behind top polyurethane block and align the hole at the base of the winch post sleeve over the threaded stud of the hardware connector.
4. Secure winch post sleeve to hardware connector with 5/8” nut.
5. Slide black winch post insert into winch post sleeve. Secure with one 3/8” bolt using either of the two holes in winch post sleeve.
6. Straddle roller bracket assembly over winch post sleeve and align with remaining winch post sleeve hole. Bolt the bracket to the post using any of the bracket hole positions.
7. Attach the winch to top plate of winch post inset with two 3/8” nuts. Refer to winch instructions for attachment and usage information.
8. Check all bolts for a snug fit. Exercise care not to over tighten any bolts.
9. Adjust roller and winch height as needed to fit the boat's bow.
10. Adjust roller forward and backwards by bolting through any of the five bracket holes.
11. Raise roller assembly by bolting assembly to top winch post sleeve hole and securing sleeve with bottom hole.
12. Raise/lower winch by loosening the sleeve bolt to slide the insert higher or lower then tightening bolt to secure.

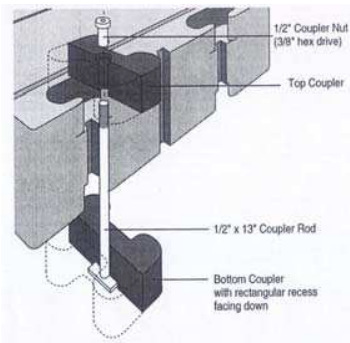




# ***EZ Port Boat Lift Installation***

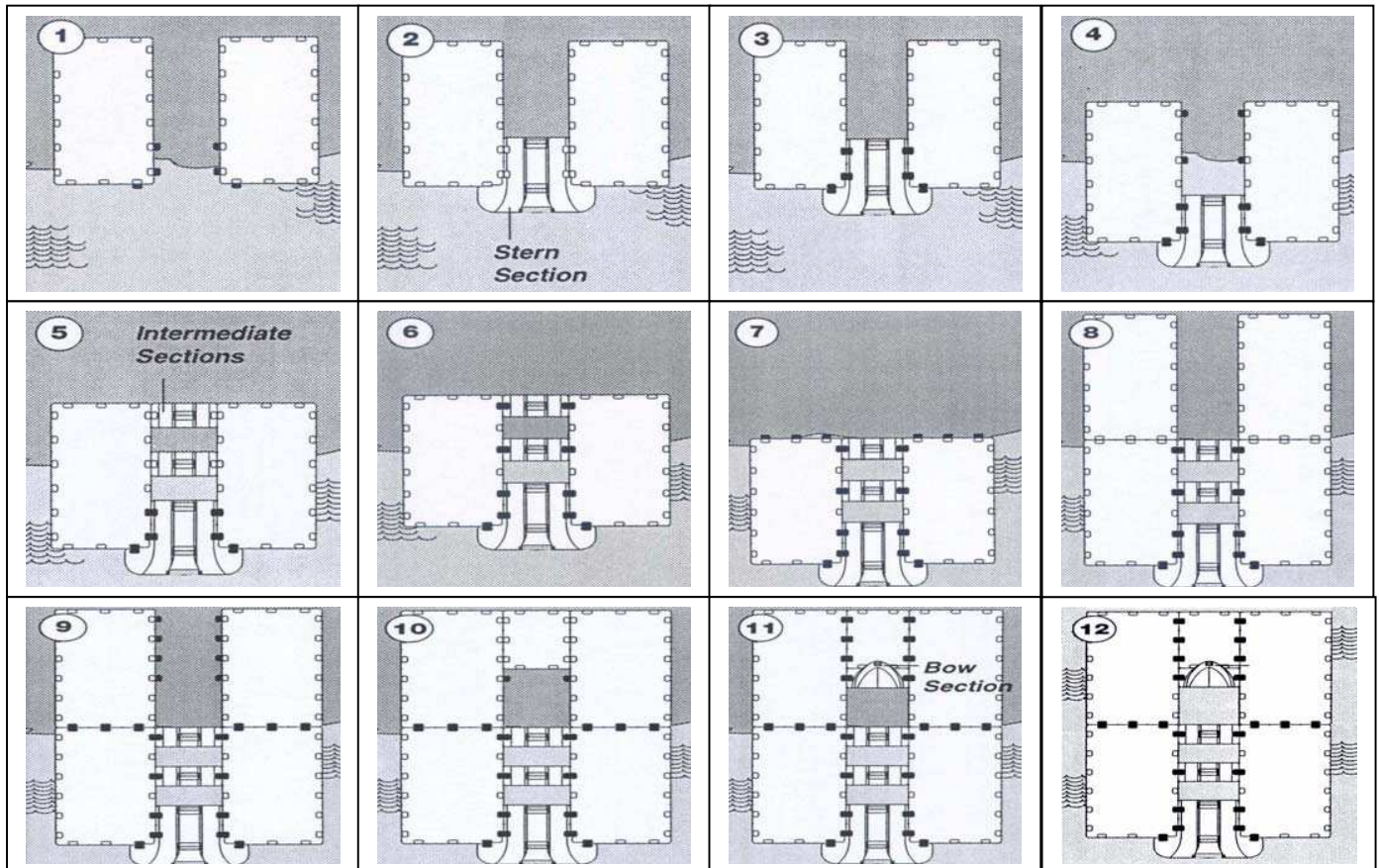
## **Usage**

- The EZ Port Boat Lift is designed for winch-on use only.
  - Before boarding for the first time make sure the rollers are in the highest position.
1. Idle up to the stern of the EZ Port.
  2. Hoop up the winch strap to the boat's bow eye hook.
  3. Winch up.



## **Lift and Dock Installation**

- It is easier to work on shore than in the water. Start assembly at the stern end and move forward. As components are attached, push the docks out into the water.
  - Because the back of the Stern Roller Section is 4" thicker than the dock sections it is necessary to elevate the dock sections to make this connection. Use standard 2 X 4 lumber or similar material.
  - Insert threaded rods through the bottom connectors before attaching to the sections.
  - It may be necessary to temporarily shim under the bottom connectors to hold them in position until the top connection can be made.
  - Install the winch stand onto the bow section before attaching the section to the dock.
1. Position and align the first two dock sections approximately 40" apart. Elevate sections approximately 4". Place bottom connectors, with rods installed, in bottom pockets.
  2. Place stern section over the two docks sections and align until bottom connectors are seated in the stern section pockets.
  3. Insert top connectors in the top pockets and thread the 1/2 coupler nut onto the coupler rod. With the 3/8" hex key draw the couplers together by turning the nut until it is flush with the top of the couplers. Caution should be exercised to not over tighten the nuts.
  4. Push the docks out into the water, keeping the location of the intermediate section(s) on shore. Place the bottom coupler assemblies in the lower dock pockets.
  5. Place the intermediate section(s) over bottom couplers.
  6. Add top couplers and coupler nuts, then tighten the connection.
  - 7, 8, 9, and 10. Continue on in this fashion as the dock is assembled and pushed into the water.
  11. Install the Bow/Winch Stop Section last. Make sure the winch post is installed on the section before attaching the bow section to the dock.
  12. After the lift is assembled, float the unit into position and secure with the appropriate anchoring device.





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## EZ-Dock Distributors and Dealers

### Anchoring with the Adapter Hinge Kit (100750 & 100750SS)



The EZ-Dock adapter hinge kit is a reversible hinge that is used to attach EZ-Dock or EZ-Port's to other types of floating dock systems.

- **Single dock sections or ports**  
When mounting a single dock or port section two adapter hinges should be used at both corners.
- **Multiply sections (up to 3)**  
When mounting up to 3 connected dock or port sections in fair or moderate environmental conditions it is recommended that two adapter hinges are used at both corners.
- **Multiply sections (4 or more)**  
When mounting 4 or more dock or port sections in fair or moderate condition it is recommended that an adapter hinge is used at each corner and every third section.

## **Floating Dock Adapter Hinge Kit**

The Floating Dock Adapter Hinge is sold in pairs and may be used in multiples to secure docks or EZ Ports to other floating structures.

### **Hinge Kits Installation Instructions**

1. Measure the freeboard of the fascia where the connection will be made.
2. Determine the best position for the hinge adapter plate. The plate can be above, perpendicular, or directly in front of the hinge adapter bracket.
3. When attaching to a wooden structure, use carriage bolts to attach the adapter plate. If attaching to a steel or aluminum structure, it may be necessary to first attach a 2' X 8' wooden fascia.
4. When the adapter hinge plate is securely in place, float the EZ Dock section into position and secure the hinge pin.

Once the information relative to the above issues, the next step is to configure an EZ Dock system that will be appropriate for each specific installation.

- A. Since no two installations are ever going to be exactly the same, each and every EZ Dock installation must be designed and configured for the individuals specific application. Every installation is going to be site specific.
- B. Never underestimate the importance of information gathering prior to the quotation and sale of EZ Dock products. Finding out as much information as possible is the number one priority. Finding out all  
The information before the dock is sold will eliminate many headaches in the future.

**Dustin Imel**  
EZ-Dock Inc.  
Product Engineer  
888-654-8168  
dimel@ez-dock.com  
www.ez-dock.com





EZ Dock, Inc.  
878 Highway 60  
Monett, MO 65708  
800-654-8168 [www.ez-dock.com](http://www.ez-dock.com)

## EZ-Dock Install Instructions Handrailing -Polyethylene Gangway



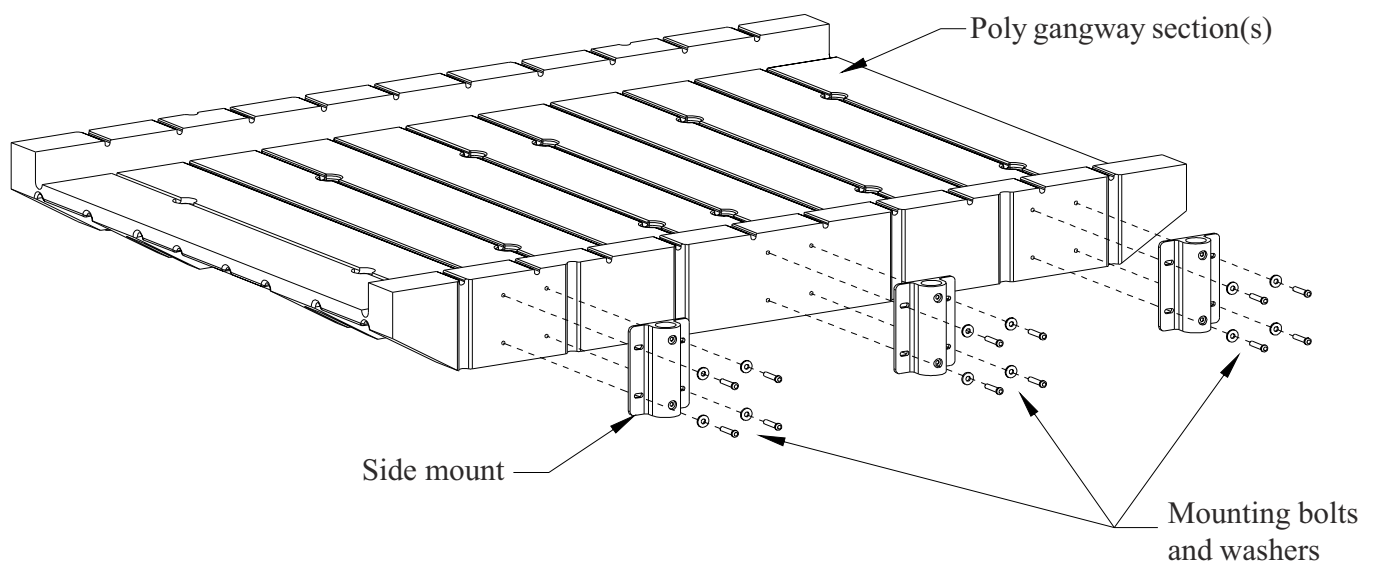
<b>400906</b> <b>6' Railing Kit</b> 1- Railing Double End Section 3- Mounting Brackets 12- 5/16"x3/4" Truss Bolts 12- 5/16" Washer 6- Self-drilling Screws  Loading Capacity: 45 ft/sq.ft	<b>400918</b> <b>12' Railing Kit</b> 2- Railing Single End Section 6- Mounting Brackets 2- Railing Connectors 24- 5/16"x3/4" Truss Bolts 24- 5/16" Washer 12- Self-drilling Screws  Loading Capacity: 37.5 ft/sq.ft	<b>400912</b> <b>18' Railing Kit</b> 2- Railing Single End Section 1- Railing Mid-Section 9- Mounting Brackets 4- Railing Connectors 36- 5/16"x3/4" Truss Bolts 36- 5/16" Washer 18- Self-drilling Screws  Loading Capacity: 20 ft/sq.ft
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### Note

Only insert the handrailing into the side mounts when the gangway is laying flat on the ground.

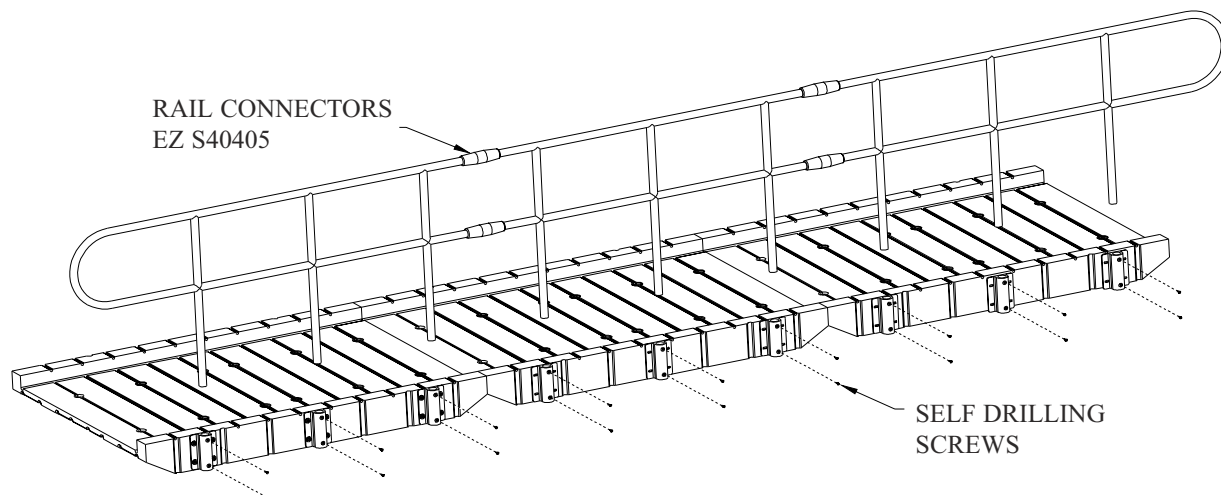
### Step 1

Mount all side mounting brackets (EZ# S40460) using the 5/16"x3/4" truss head bolts to the sides of the gangways where the handrailing is to be installed. These bolts need only be finger tight to allow for the handrail sections to be inserted into the mount brackets.

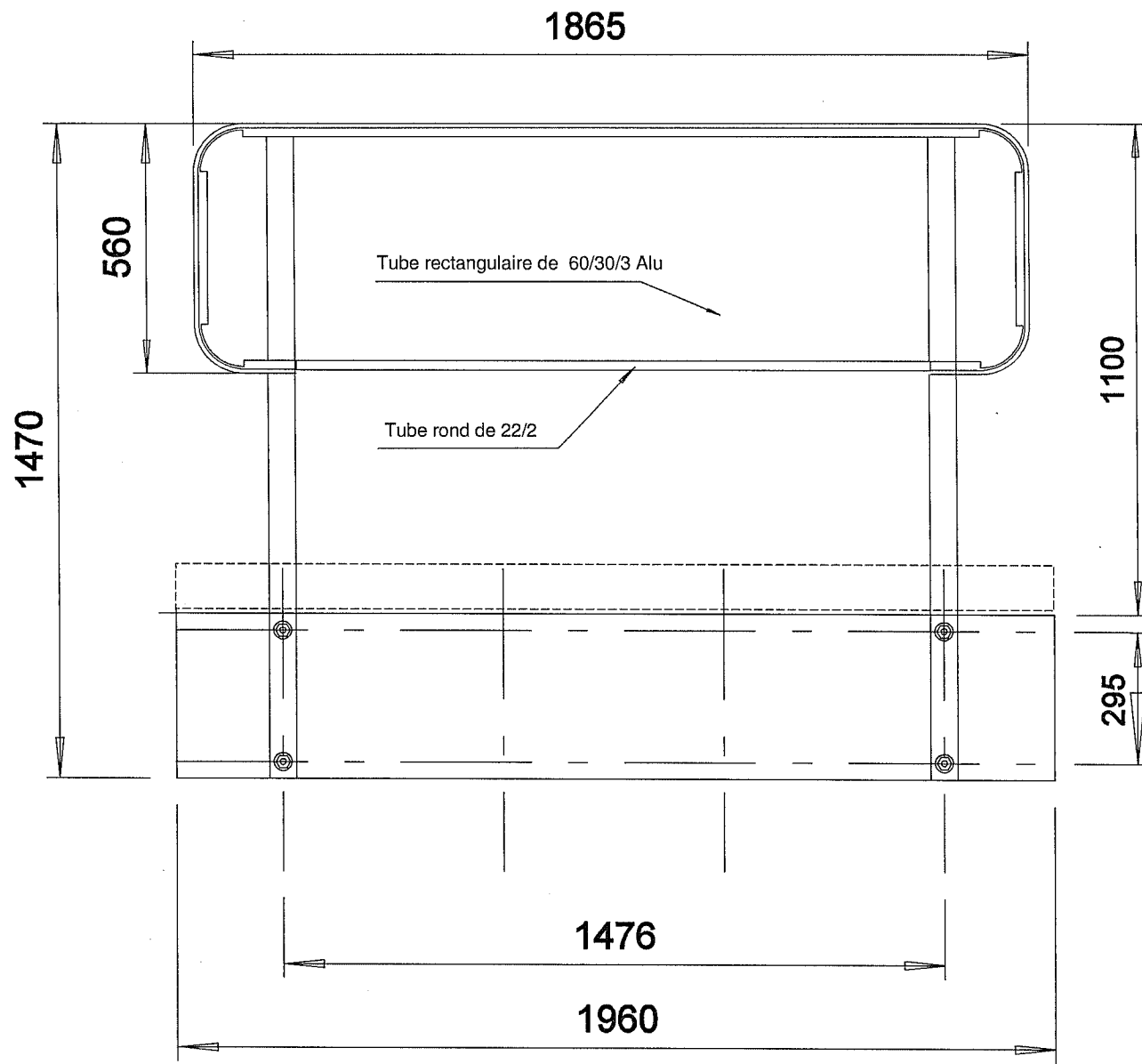


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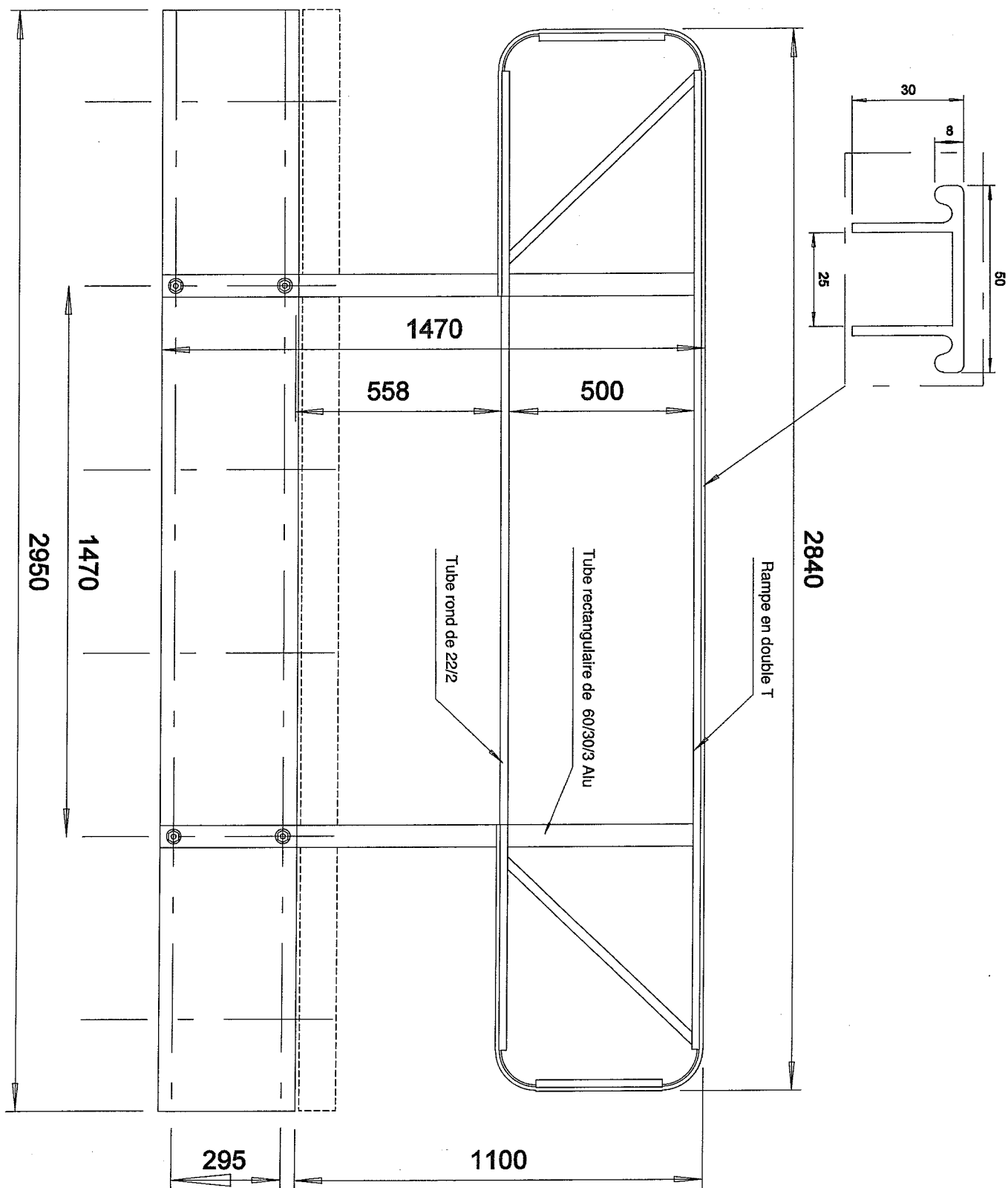
Lay out the sectioned handrail sections as they are to be installed and insert the conjoining sections into the handrailing connectors (EZ #S40405). This completed section assembly will need to be picked up as one piece and inserted downward into the previously mounted side brackets. It is very important that the gangway is to be flat and level with the ground to insure that the handrailing is set all the way into the mounts. Ensure that handrailing legs are firmly seated in the mounting bracket and tighten the side mount screw in all the mounts. Using a cordless drill insert the self-drilling screws in to predrilled hole into the mounts to secure the handrailing legs.





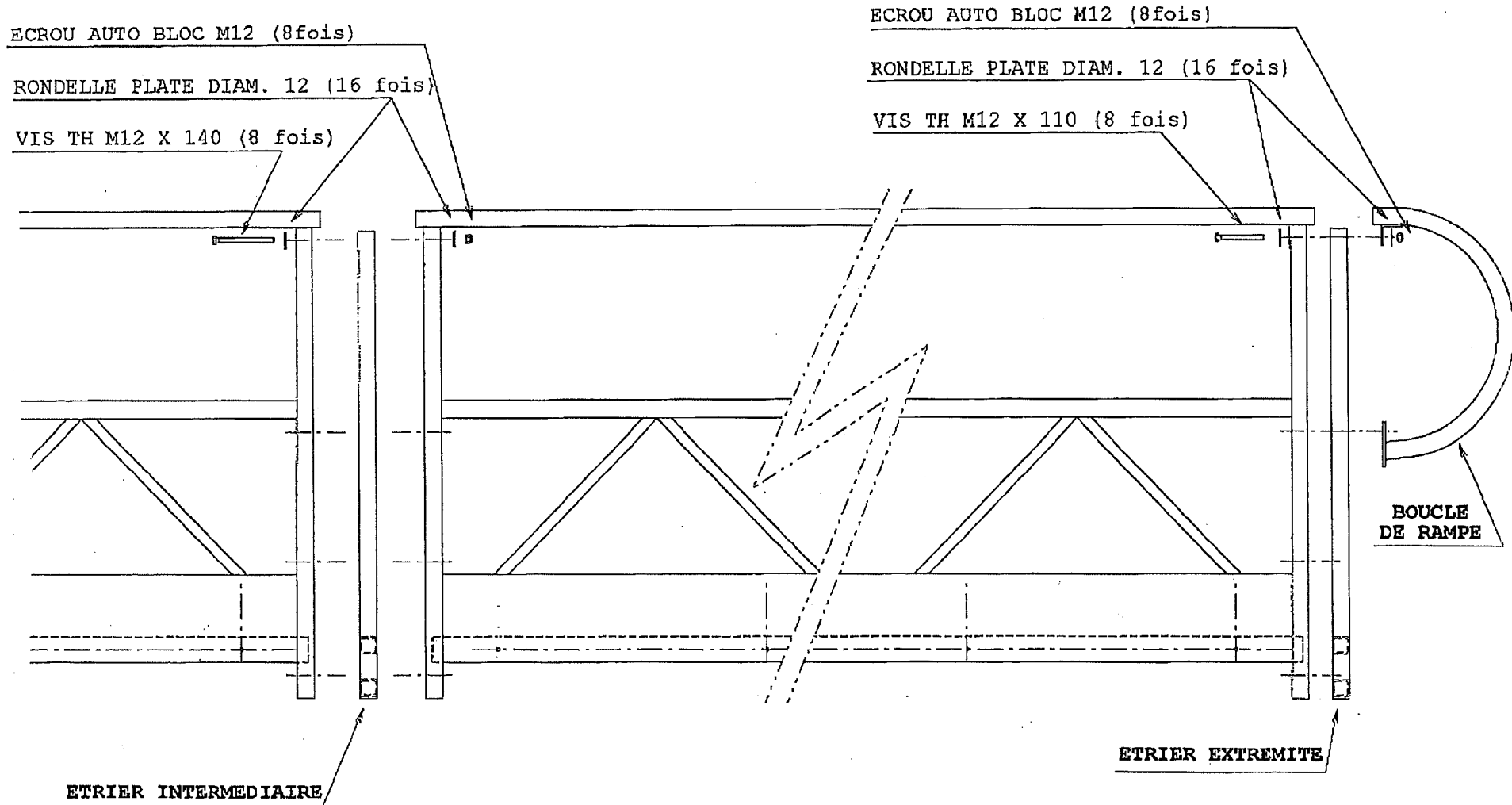


Désignation		Code	Matériau
Date : 20/09/05		Echelle :	
Plan N° :			
Ensb.N° :		Garde-corps 2m	

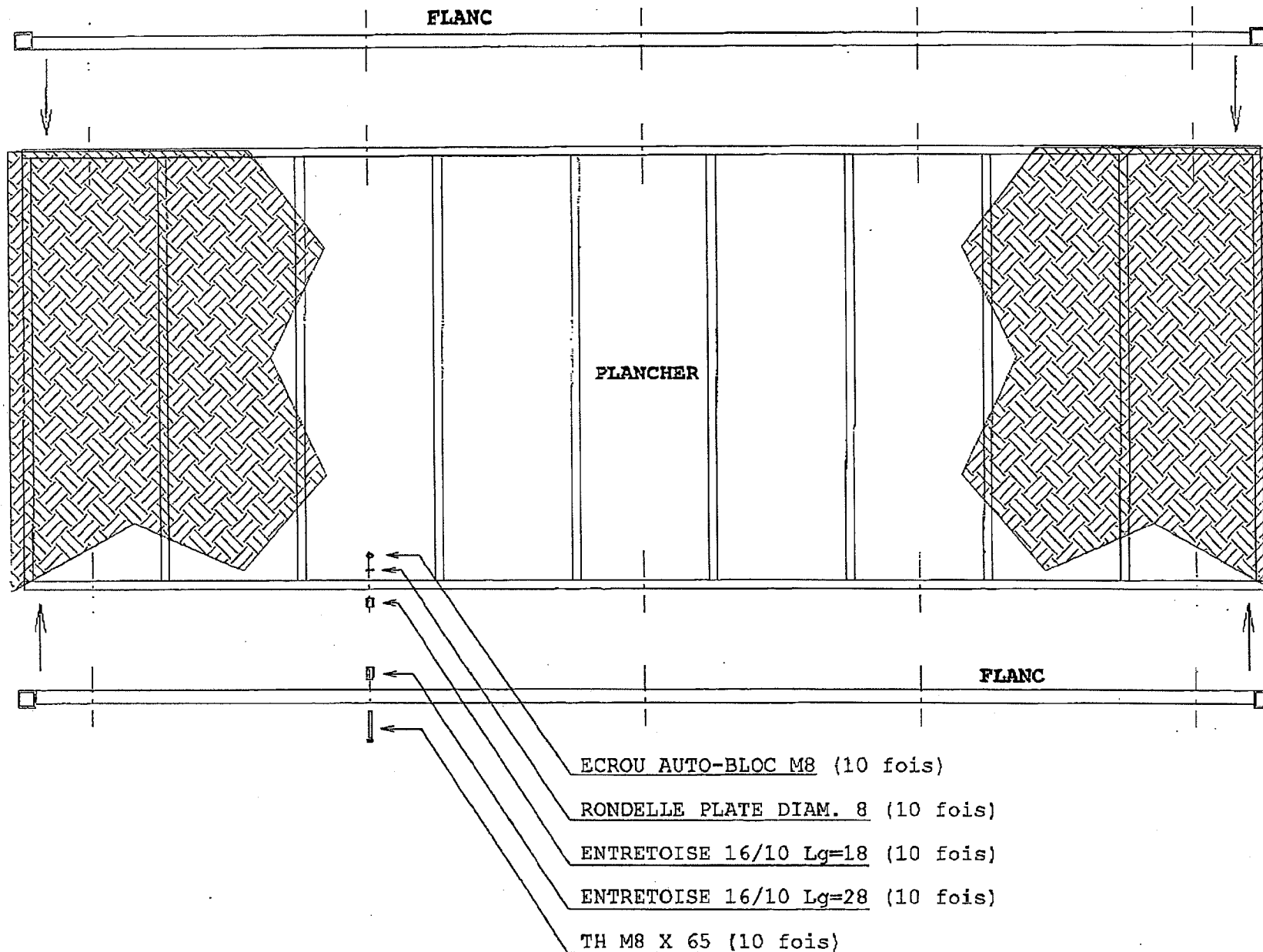


Nø	Désignation	Code	Matière
Date : 20/09/05		Echelle :	
Plan N° :			
Ensb.N° :		Garde-corps 3m	





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ASSEMBLAGE FLANCS / PLANCHER Lg. 3 METRES