

# Post Installation

## STEP: 1

**DO NOT CEMENT POSTS INTO PLACE  
UNTIL THE ENTIRE STRUCTURE IS  
ASSEMBLED.**

Refer to the General Installation  
guide footing information and dig  
proper holes for the support posts.



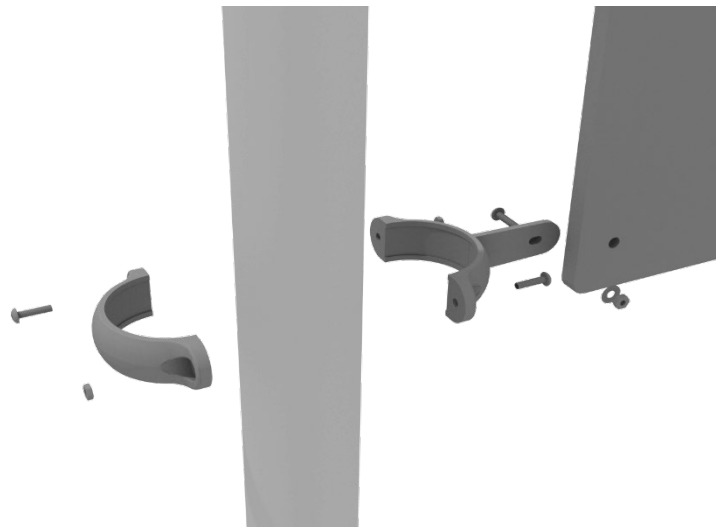
## 4.5-inch Clamp Installation Examples

The following two pages will include examples of how to install some of the most common types of Clamps that are present on our structures that use 4.5-inch outside diameter posts. The structure that you are assembling might not require all the types of clamps listed in these examples.

The Install Guides for specific components that come later in this document might call for a specific type of clamp (a tube clamp for example), those sections will not include detailed instructions for the clamps and should direct you back to this section for more detailed information.

### 4.5-inch Flat Clamp Installation Example

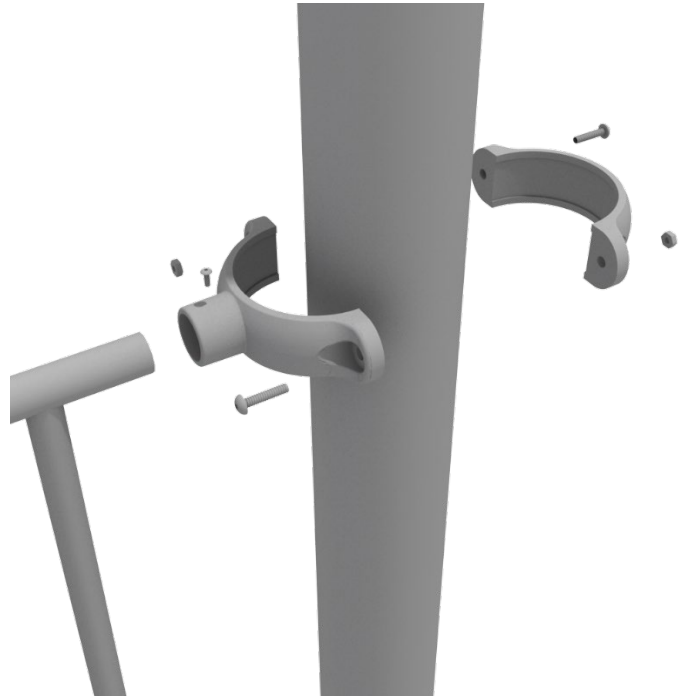
Connect half of the flat clamp to the component using one (1) M8\*30 bolt and Lock Nut. Then, using the other half of the flat clamp and the hardware provided in the clamp hardware bag, attach the backside of the flat clamp around the post.



## 4.5-inch Clamp Installation Examples

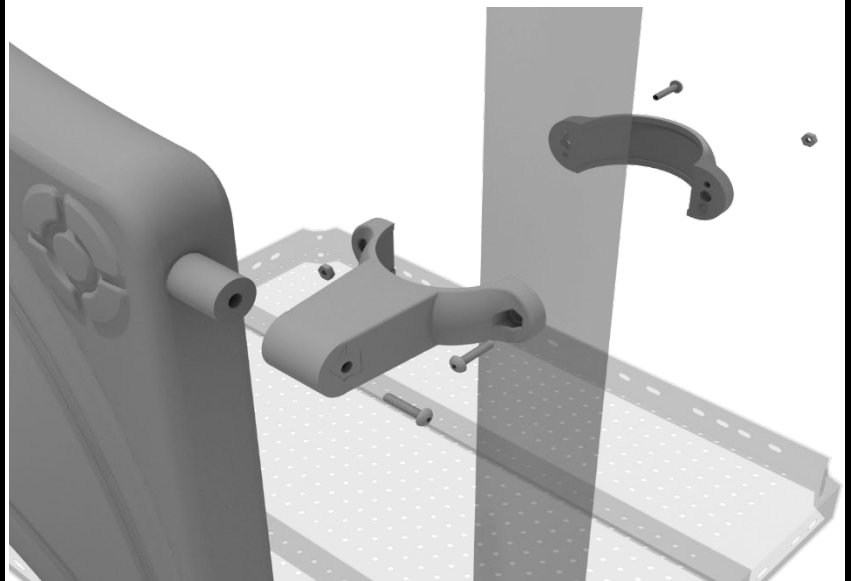
### 4.5-inch Tube Clamp Installation Example

Insert Bar on Component into one half of the Tube Clamp and attach with M4\*25 Set Screw. Then, using the other half of the tube clamp and the hardware provided in the clamp hardware bag, attach the backside of the tube clamp around the post.



### 4.5-inch Double Slide Clamp Installation Example

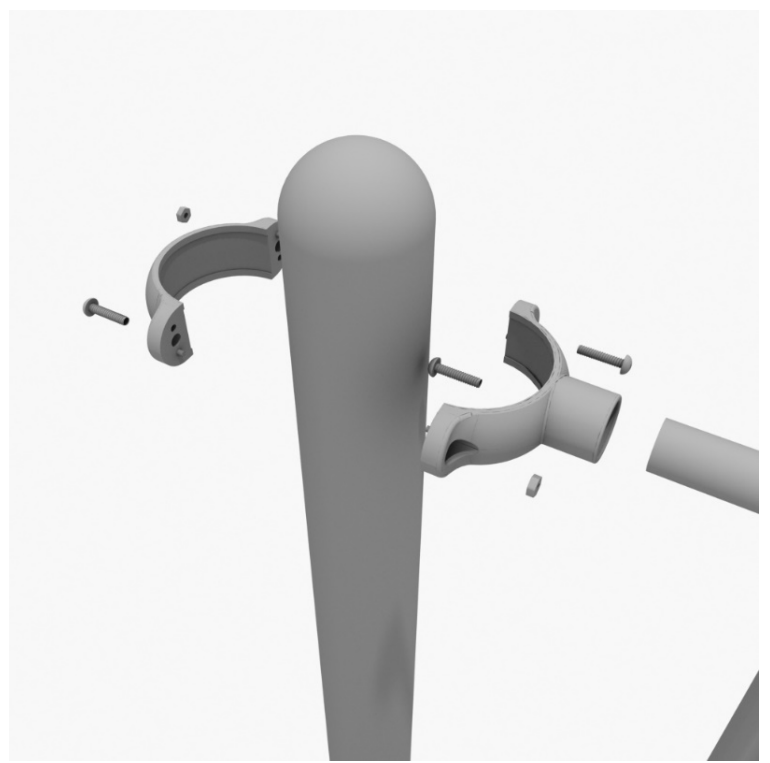
Connect half of the double slide clamp to the double slide hood using one (1) M8\*30 bolt. Then, using the other half of the clamp and the hardware provided in the clamp hardware bag, attach the backside of the double slide clamp around the post.



# 4.5-inch 4-foot Transfer Station Install

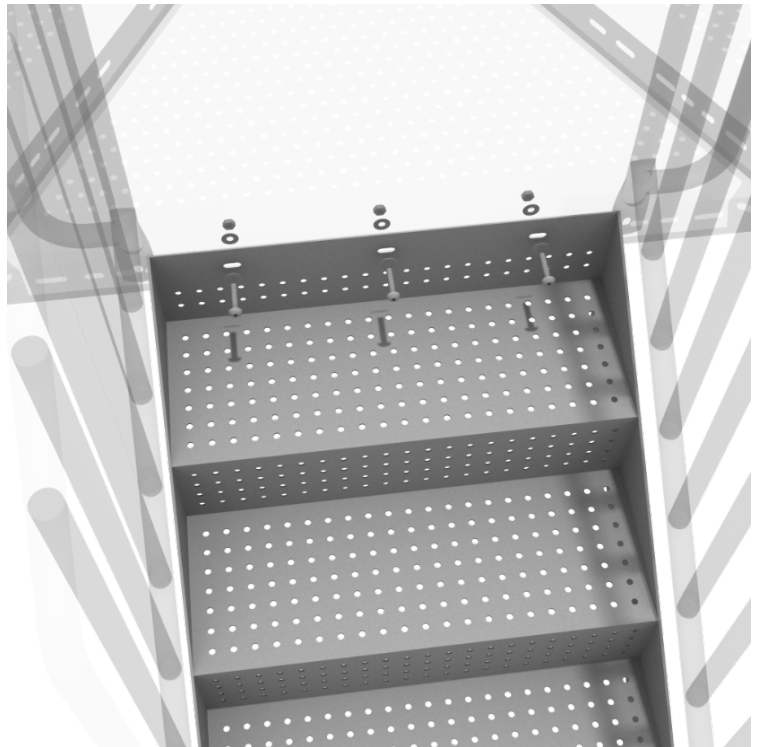
## STEP: 1

Connect half of a tube clamp to the ADA transfer handrail using one (1) M4\*25 self-tapping screw. Set the handrail into place, then attach the second half of the clamp using the hardware provided in the clamp bag. Repeat this process for the other handrail.



## STEP: 2

Using three (3) M10\*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the top of the stairs to the half hex deck. Then using four (4) M10\*30 bolts, eight (8) M10 washers, and four (4) M10 lock nuts, attach the handrail to the bottom of the stairs. Then, using two (2) M10\*25 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the handrails to the deck.



1 Playground Drive  
Greenfield, IN 46140  
1-800-667-0097

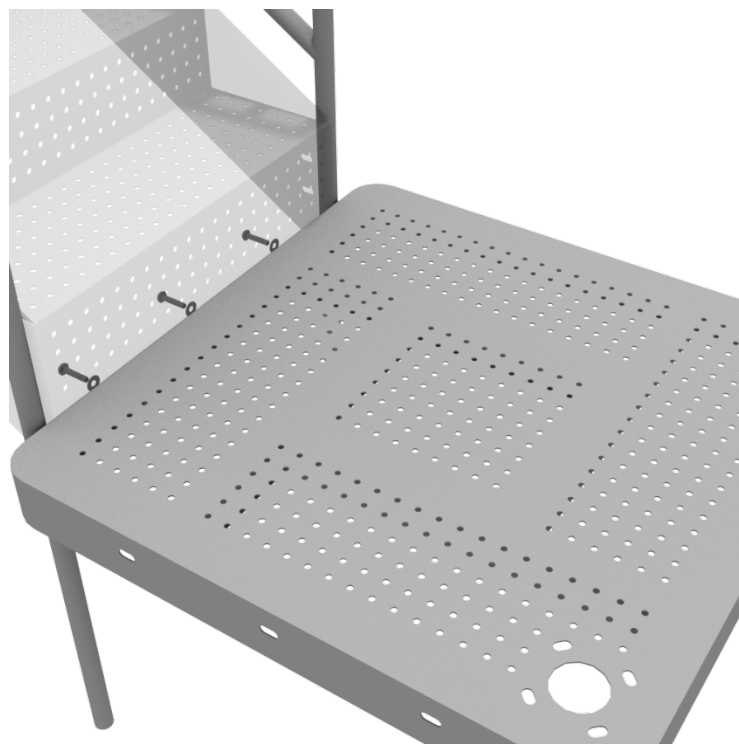
Created By: Derick H  
Date Modified: 07/27/18



## 4.5-inch 4-foot Transfer Station Install

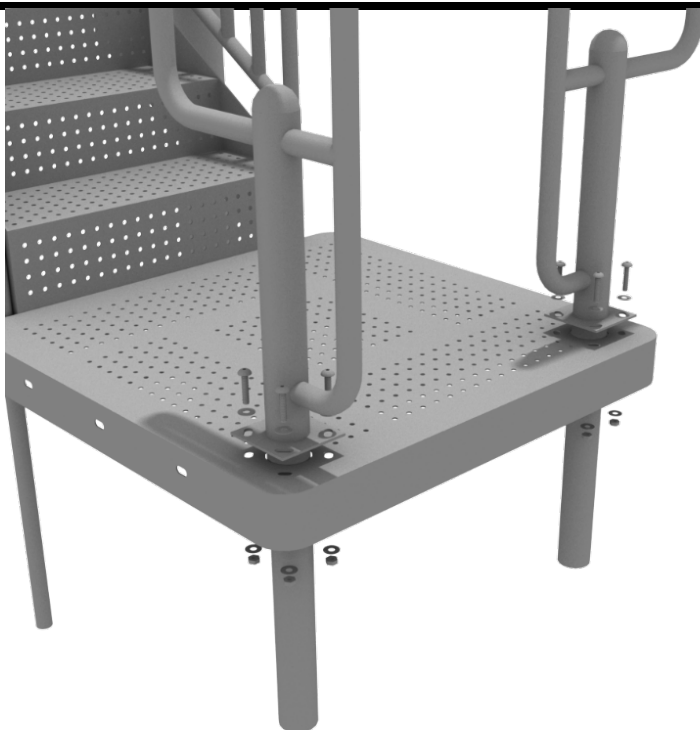
### STEP: 3

Using three (3) M10\*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the ADA transfer deck to the base of the 4-foot ADA transfer stair.



### STEP: 4

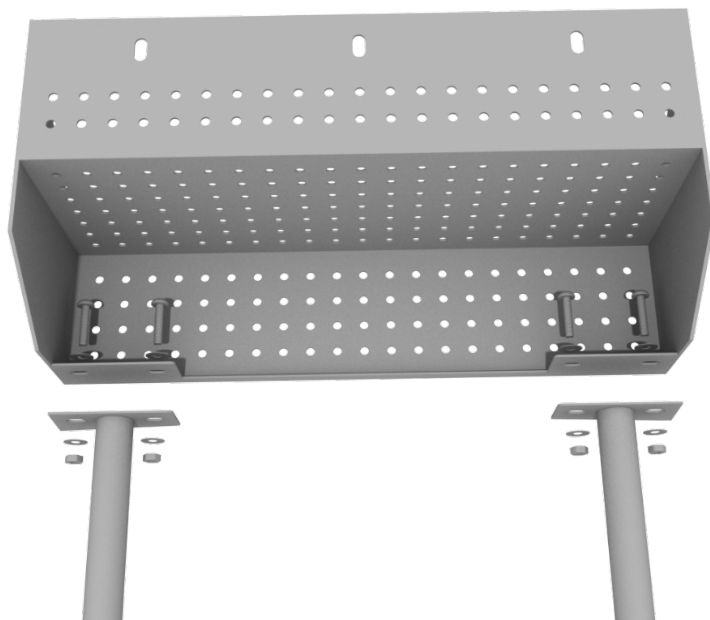
See general installation guide regarding footing information for the transfer deck handrail. Using four (4) M10\*25 bolts, eight (8) M10 washers, and four (4) M10 lock nuts, attach each transfer deck handrail to the ADA transfer deck.



## 4.5-inch 4-foot Transfer Station Install

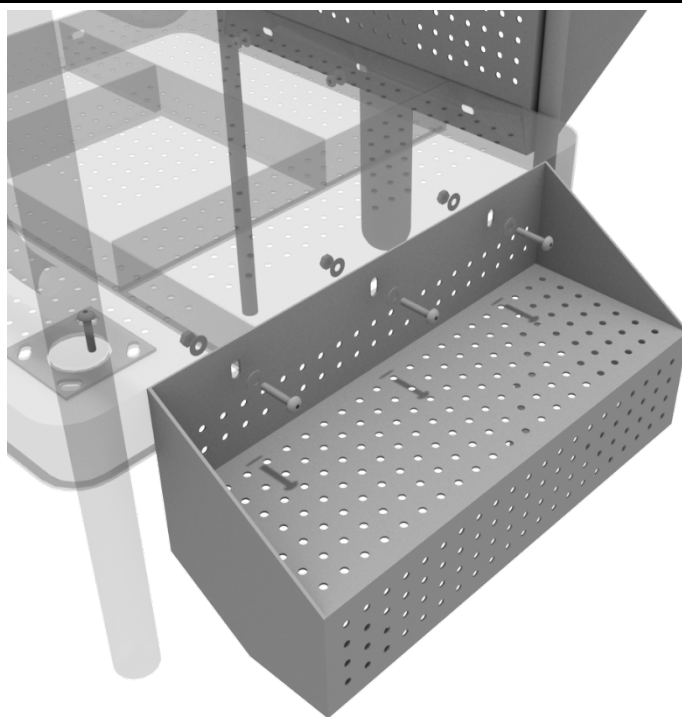
### STEP: 5

See general installation guide regarding footing information for the ADA transfer step mount. Using two (2) M10\*25 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the transfer step to each ADA transfer step mounts.



### STEP: 6

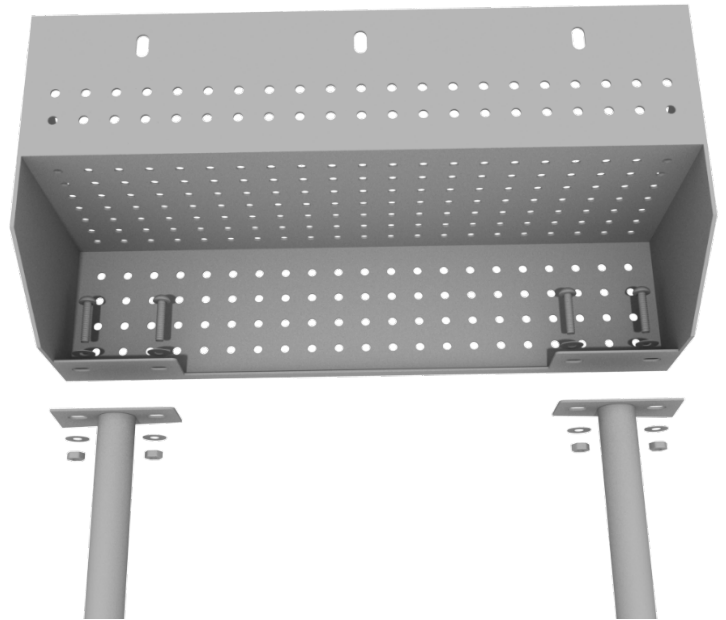
Using three (3) M10\*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the top of the ADA transfer step to the ADA transfer deck.



# ADA Step Install

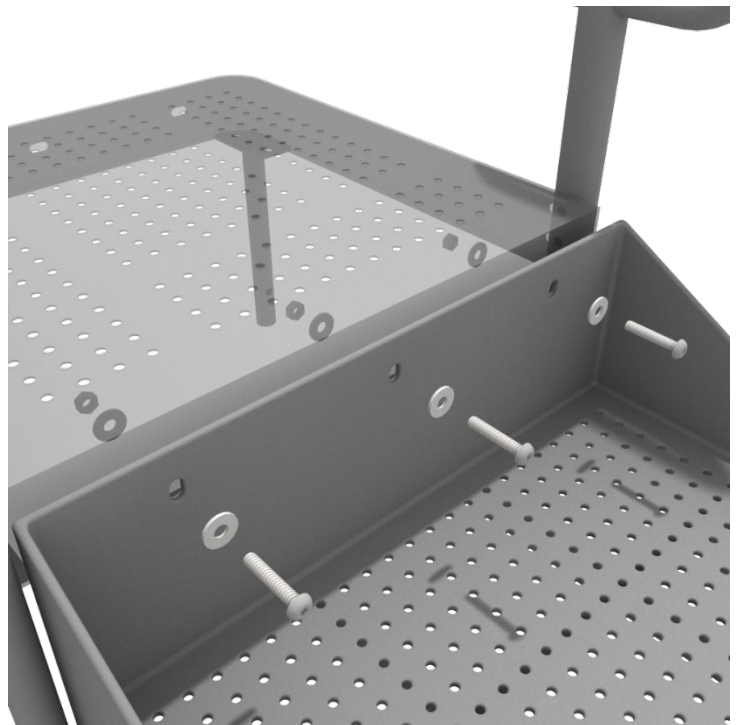
## STEP: 1

See general installation guide regarding footing information for the ADA transfer step mount. Using two (2) M10 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the transfer step to each ADA transfer step mount.



## STEP: 2

Using three (3) M10\*25 bolts, six (6) M10 washers, and three (3) M10 washers, attach the top of the ADA transfer step to the ADA transfer deck.



# Square Deck Installation

## STEP: 1

After the posts are in place, using four (4) M10\*35 Bolts, eight (8) M10 Washers, and four (4) M10 Lock Nuts, attach each square deck to each pre-attached deck clamp as shown in the image.

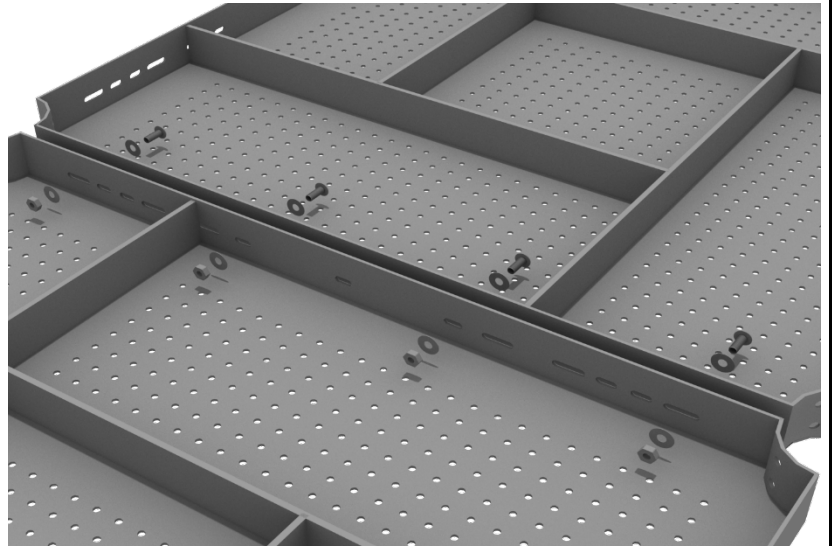
Deck clamps are pre-attached to the posts and should not be altered in any way.



# Square Deck Connect to Square Deck

## STEP: 1

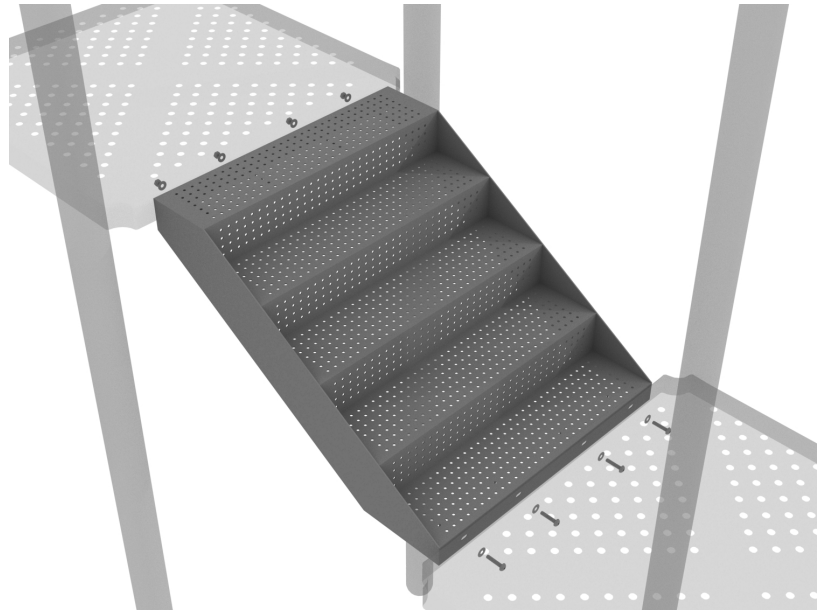
When installing decks that are adjacent to one another at the same height, they should be bolted together. On the underside of the deck, install using four (4) M10\*25 Bolts, eight (8) M10 Washers, and four (4) M10 Lock Nuts. Repeat this process for every set of adjacent decks.



## 4.5-inch 2-Foot Middle Stair Install

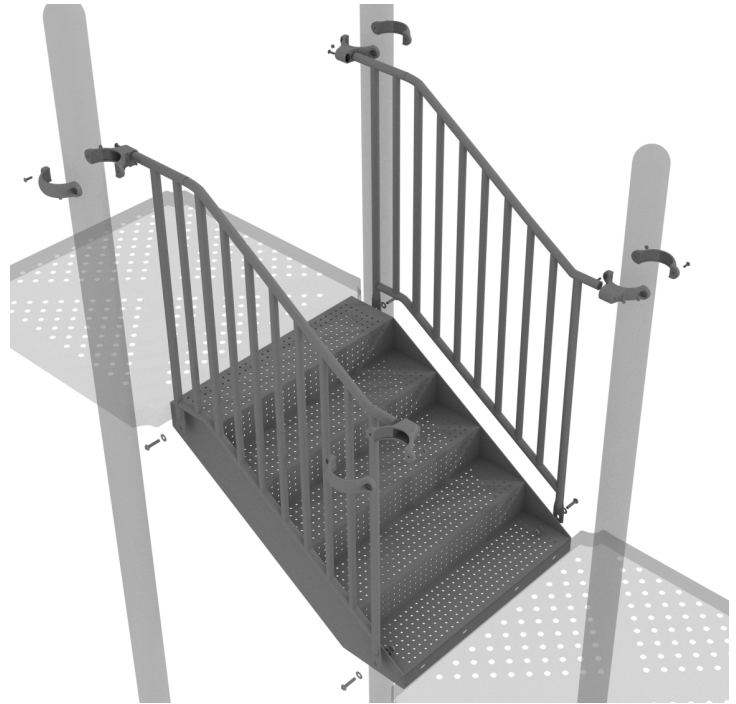
### STEP: 1

Using eight (8) M10\*25 Bolts, sixteen (16) M10 Washers, and eight (8) M10 Lock Nuts, connect the middle stair from one deck to the next.



### STEP: 2

Connect half of each 4.5-inch tube clamp to the middle handrail using one (1) M8\*35 Bolt. Set the handrail into place, then attach the second half of the clamp using the hardware provided in the clamp bag. Repeat this process for the other handrail. Then, using two (2) M10\*25 Bolts, four (4) M10 Washers, and two (2) M10 Lock Nuts, attach the bottom of the handrail to the side of the stair.

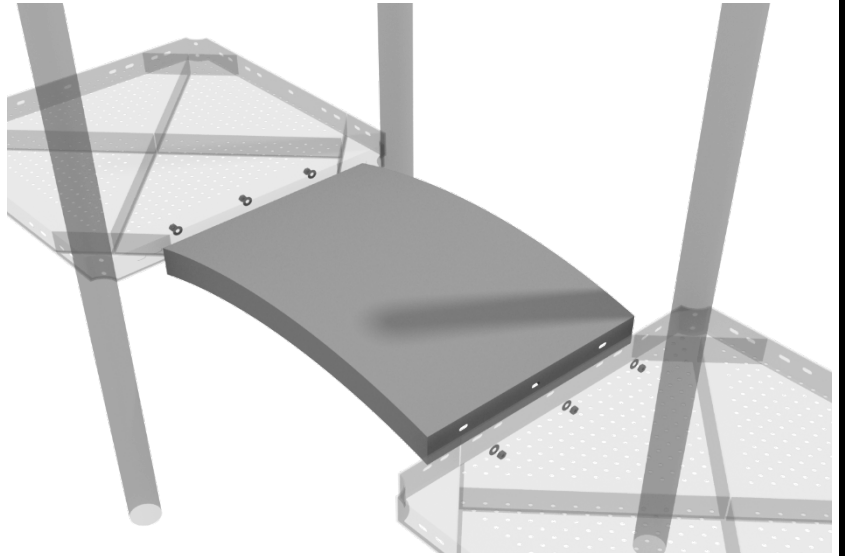




# Mini Arch Bridge Installation

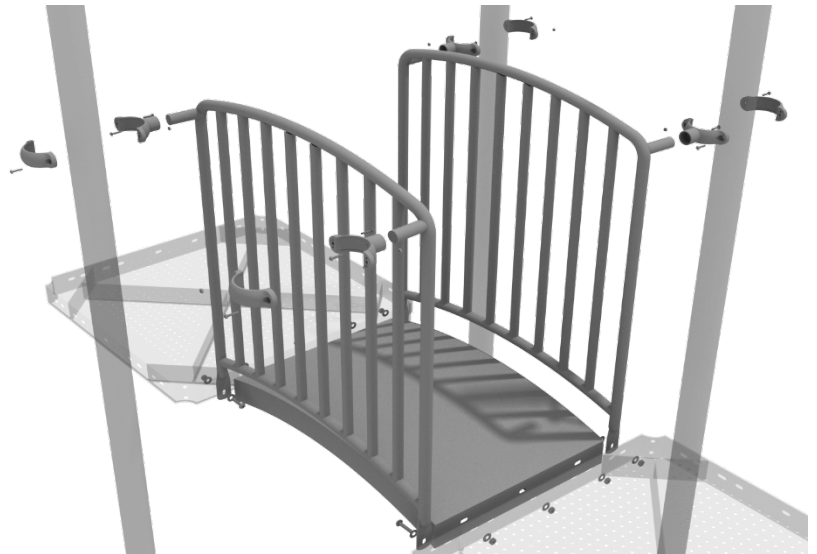
## STEP: 1

Attach the Mini Arch Bridge to the proper decks using three (3) M10\*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts for each deck.



## STEP: 2

Then, once the bridge is in place, attach the Arch Bridge handrails to the posts using four (4) tube clamps, and four (4) M8\*30 bolts. Then, attach the bottom of the handrails to the decks using one (1) M10\*25 bolt, two (2) M10 washers, and one (1) M10 lock nut for each attachment point.



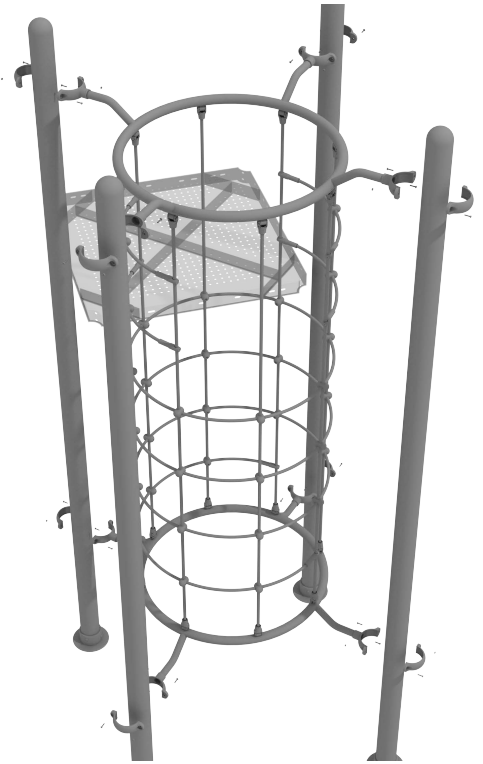


# Chimney Climb Across Climber Installation

## STEP: 1

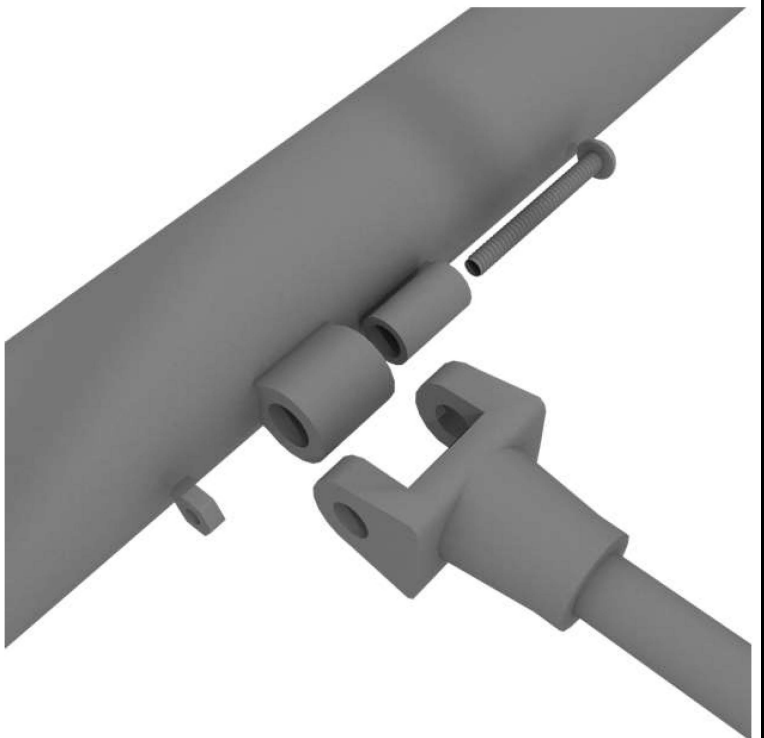
See the General Install Instructions document regarding footing information for climbers.

Attach the top and bottom of the Chimney Climb Across Climber to the posts using one (1) tube clamp, three (3) M8\*40 bolt, one (1) M8 washer, and two (2) M8 lock nut for each post attachment point.



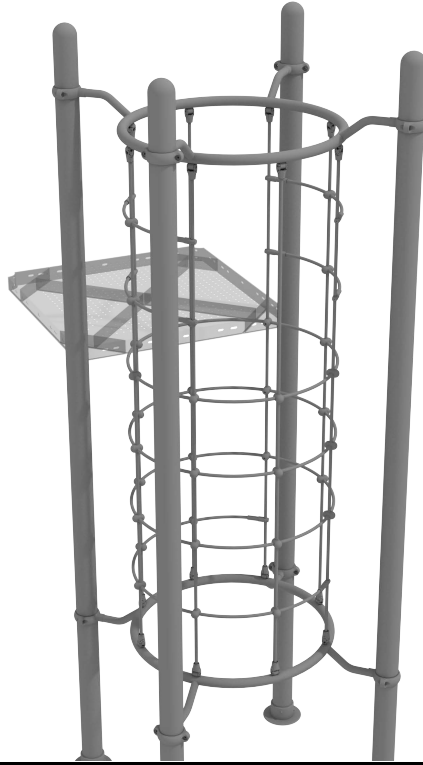
## STEP: 2

Connect the Net to the outer frame using one (1) M8\*50 bolt, two (2) plastic spacers, and one (1) M8 lock nut for each attachment point.



### STEP: 3

Ensure each connection point is secure.

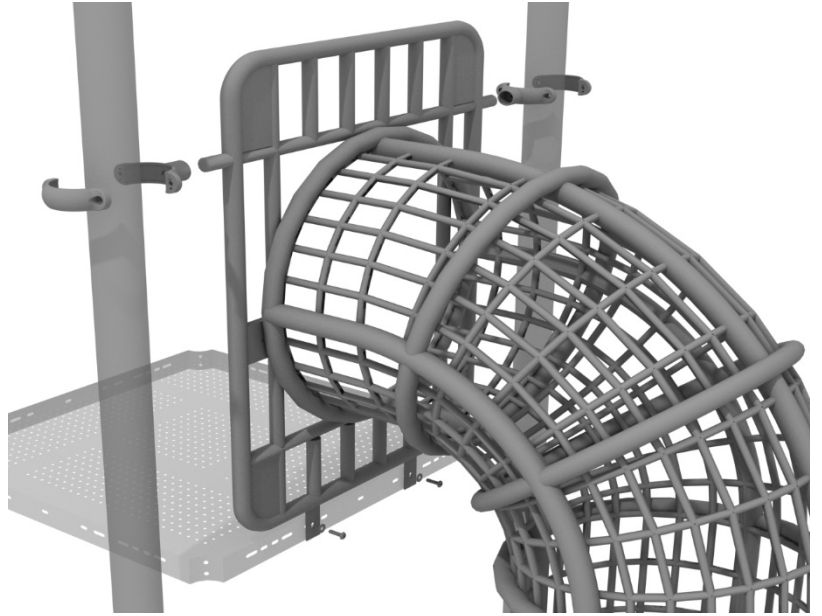


# Chimney Climber Install

## STEP: 1

Attach the Climber to the Posts and Deck using Two Tube Clamps, and two (2) two M10\*25 bolts, four (4) M10 washers, and two (2) M10 Locking Nuts.

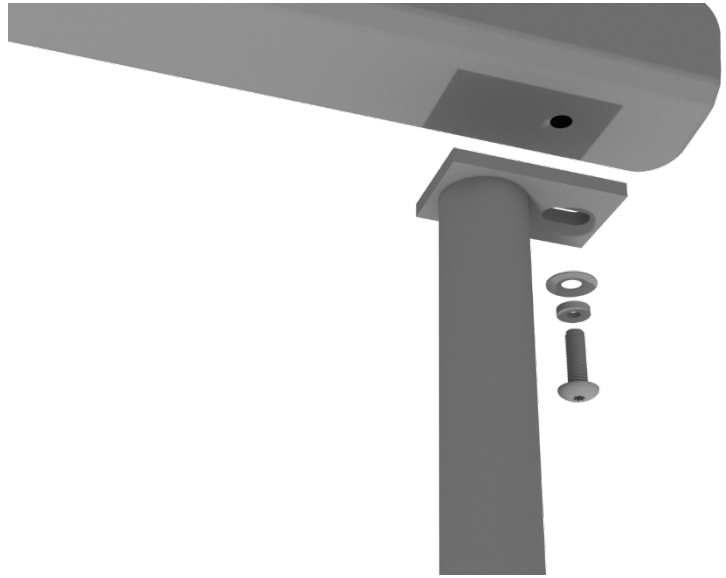
See the General Installation documentation for info on Climber Footing sizes.



# Sea Creature Climber Installation

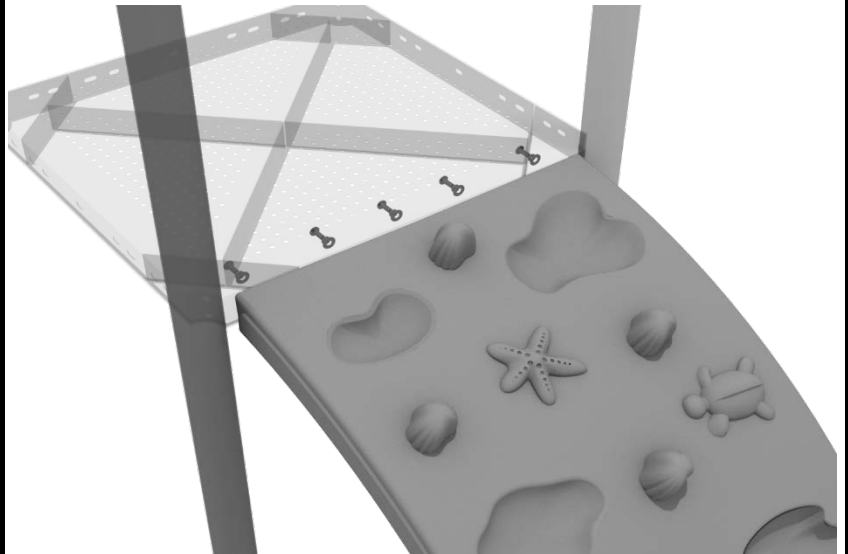
## STEP: 1

See general installation guide regarding footing information for the Sea Creature climber. Using two (2) M10\*20 bolts, two (2) M10 spring gaskets, and two (2) M10 washers, attach the bottom of the Sea Creature climber to the climber support posts.



## STEP: 2

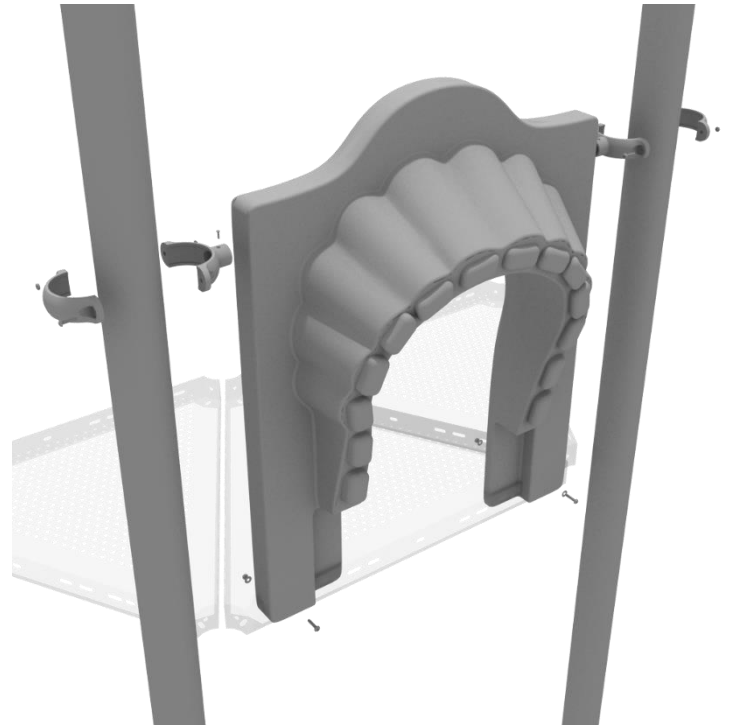
Then using five (5) M10\*20 bolts, five (5) M10 spring gaskets, and five (5) M10 washers, attach the top of the Sea Creature climber to the deck.



# 6-foot Single Wave Slide Installation

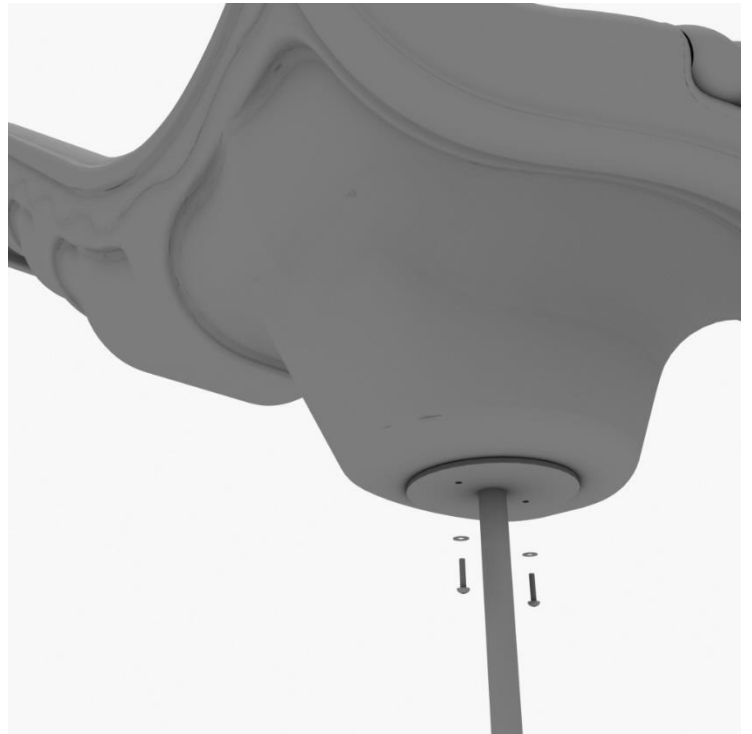
## STEP: 1

To attach the single slide hood to a deck, take two clamps and attach them to the posts using two (2) M4\*25 self-tapping screws. Then, attach the hood to the deck using two (2) M10\*50 bolts, four (4) M10 washers, and two (2) M10 lock nuts. Repeat this process for every single slide hood.



## STEP: 2

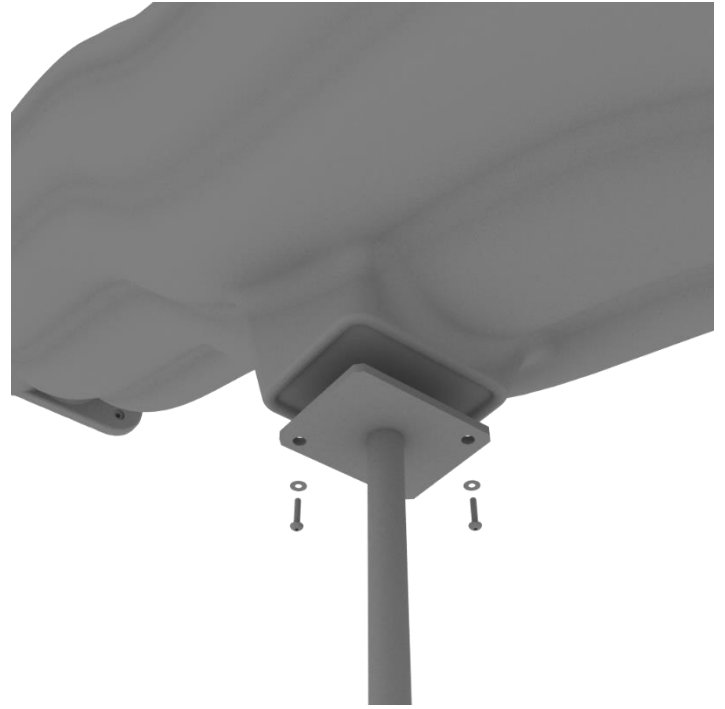
See general installation guide regarding footing information for the slide end mount. Using two (2) M8\*20, two (M8) spring washers. And two (2) M8 washers, attach the slide to the slide support post.



# 6-foot Single Wave Slide Installation

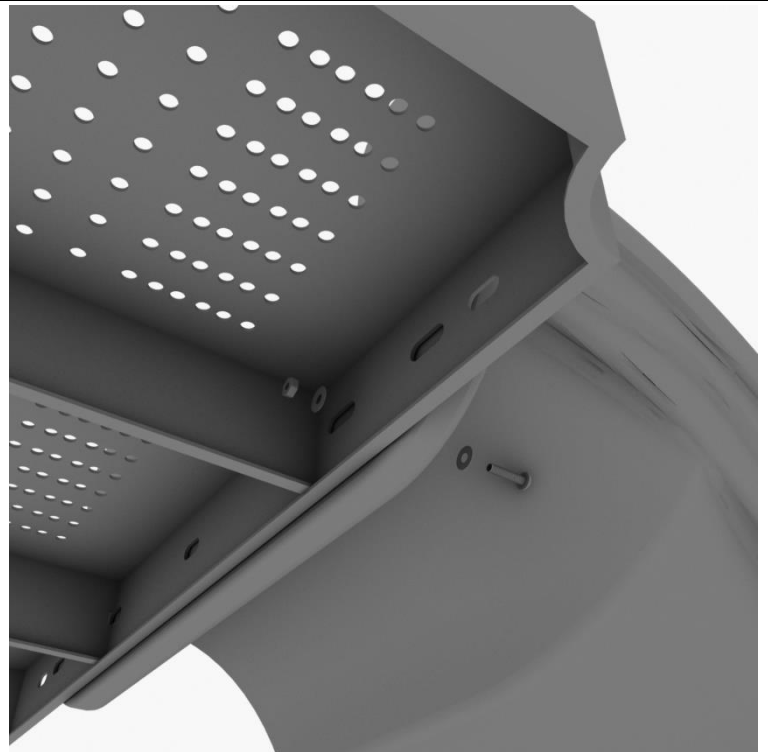
## STEP: 3

See general installation guide regarding footing information for the middle slide support. Using two (2) M8\*20 bolts, two (2) M8 spring washers, and two (2) M8 washers, attach the middle slide support post. Repeat the process for each middle slide mount.



## STEP: 4

To attach a single slide to a deck, use two (2) M10\*45 bolts, four (4) M10 washers, and two (2) M10 lock nuts. Repeat this process for the other side of the slide. Repeat this process for each single slide.



# 6-foot Single Wave Slide Installation

## STEP: 5

Using two (2) M8\*45 bolts, two (2) M8 washer, two (2) M12 washers, and one (1) M12 inner hex spiral nut, attach the slide to the slide hood. Repeat this process for the other side of the slide.

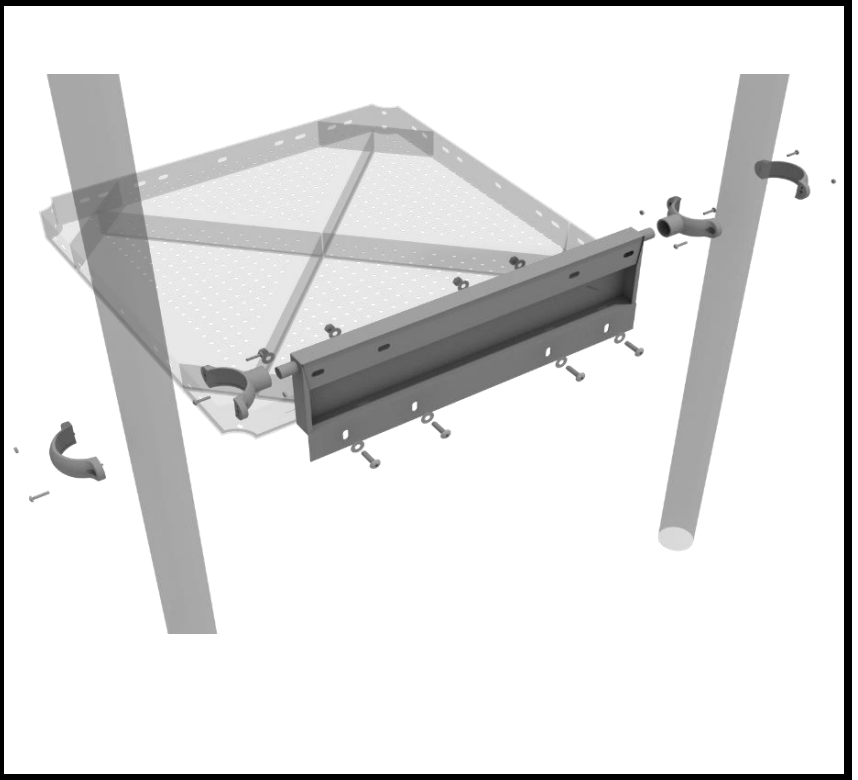




# Spiral Slide Installation

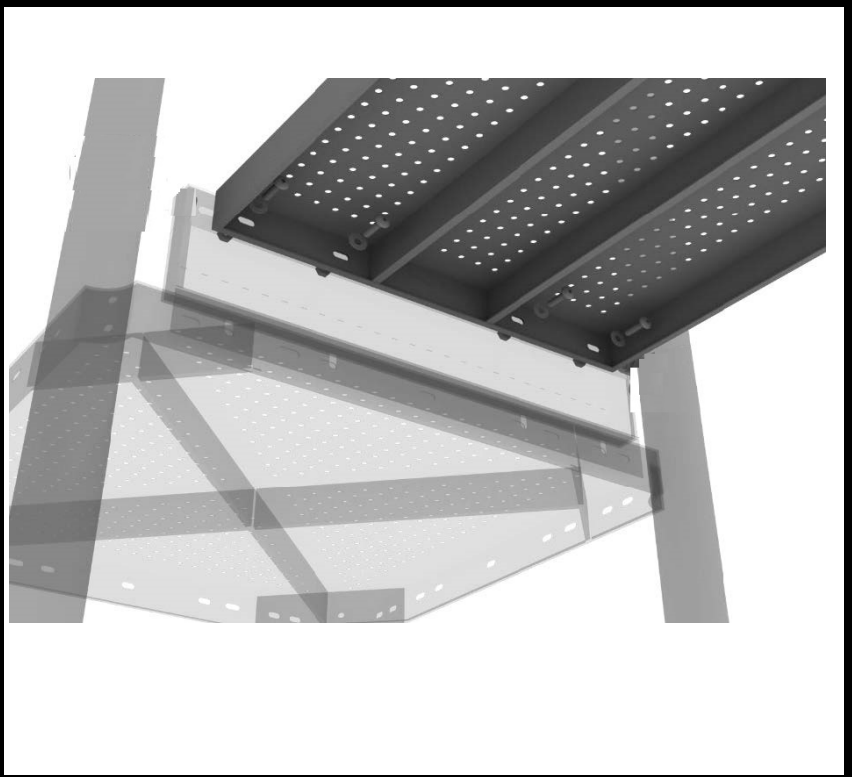
## STEP: 1

Attach the spiral slide kick plate to the proper square deck using four (4) M10\*25 bolts, eight (8) M10 washers, four (4) M10 lock nuts.



## STEP: 2

Attach the spiral slide deck to the top of the spiral slide kick plate using four (4) M10\*25 bolts, eight (8) M10 washers, and four (4) M10 lock nuts.



# Spiral Slide Installation

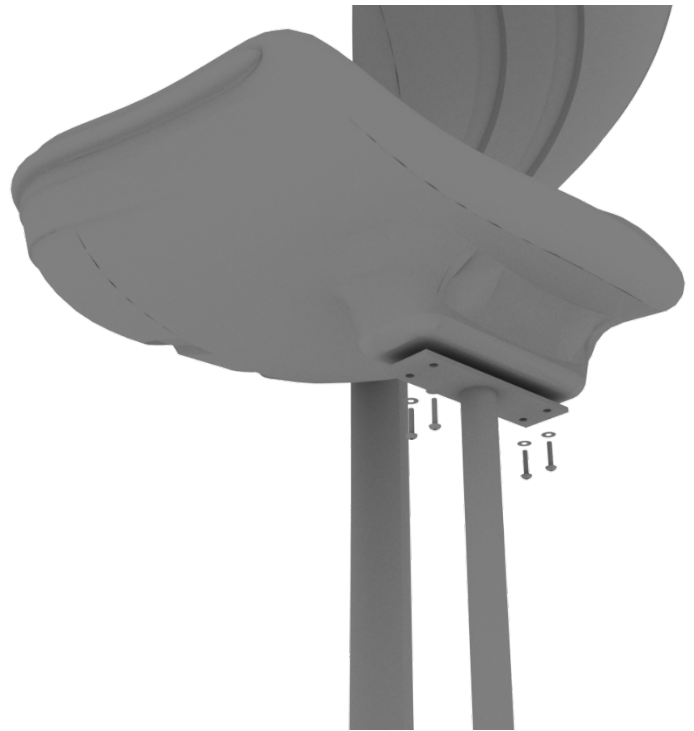
## STEP: 3

Attach the Spiral Slide Deck Support Post to the Spiral Slide Deck using two (2) M10\*25 Bolts, four (4) M10 Washers, and two (2) M10 Lock Nuts.



## STEP: 4

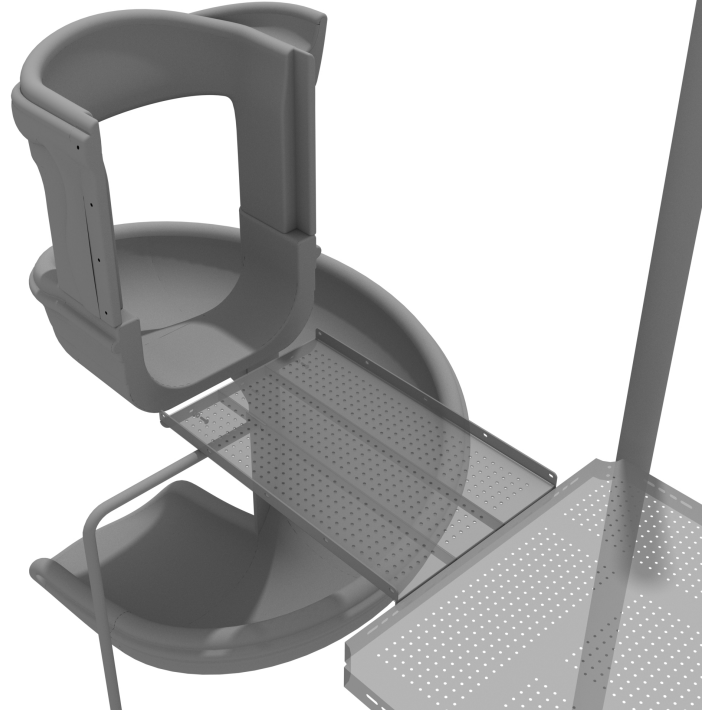
Connect the Spiral Slide Mount to the bottom of the Spiral Slide using four (4) M10\*20 Bolts, four (4) M10 Spring Gaskets, and four (4) M10 Washers. Refer to the General Installation Guide for information on slide footings.



# Spiral Slide Installation

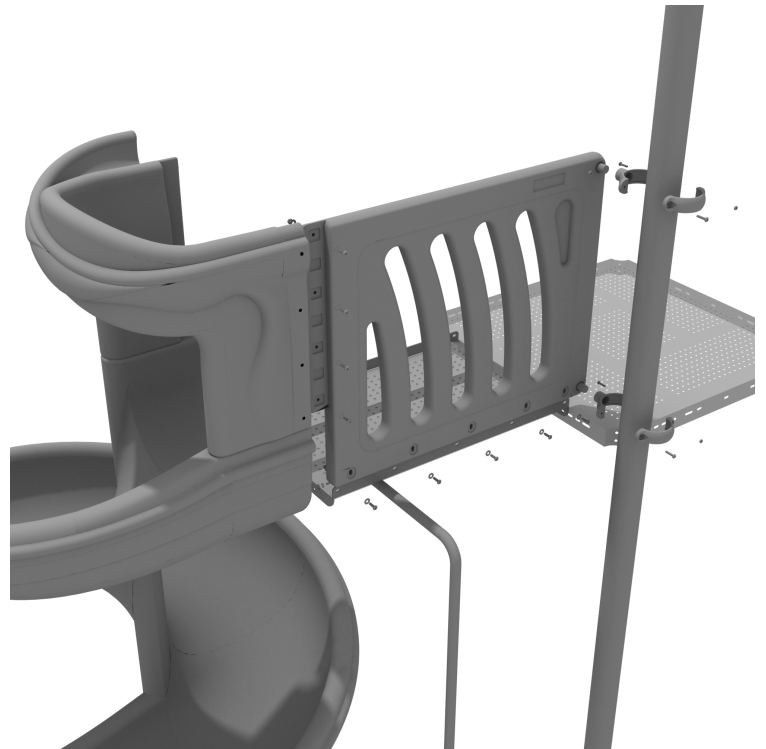
## STEP: 5

See general installation guide regarding footing information for slides and support posts. Connect the Spiral Slide to the Spiral Slide Deck using three (3) M10\*20 Bolts, three (3) M10 Spring Gaskets, and three (3) M10 Washers.



## STEP: 6

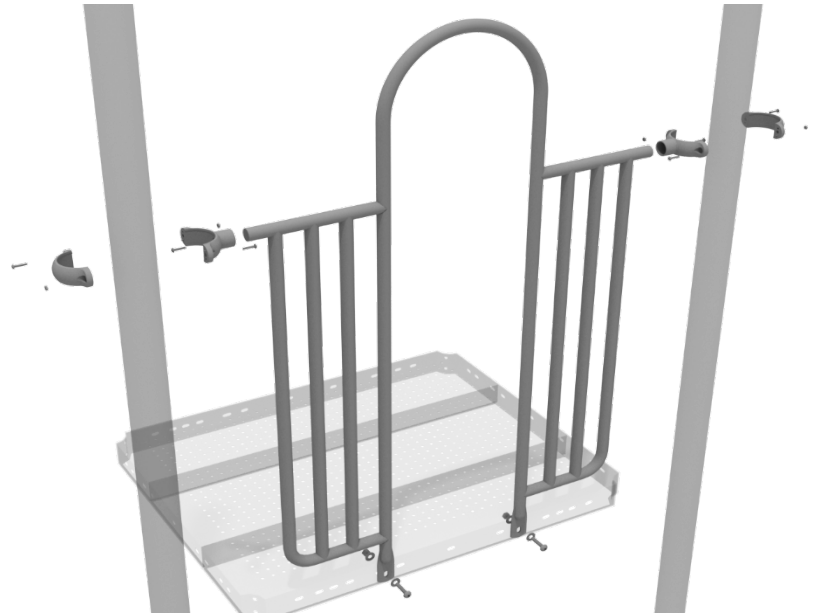
Attach the Spiral Slide Handrail to the Spiral Slide Deck using five (5) M8\*60 Bolts, five (5) M8 Washers, five (5) M12 Washers, and five (5) M12 Inner Hex Nuts. Connect spiral slide panels to slide using four (4) M10\*50 bolts, four (4) M10 washers, four (4) M10 lock nuts for each panel. Connect the handrails to the posts using two (2) tube clamps. Repeat this process for the other handrail.



## 4.5-inch 2-Clamp Arch Rail Installation

### STEP: 1

Attach each two-clamp arch rail to the designated deck by using two (2) tube clamps, and two (2) M4\*25 self-tapping screws to attach the top of the panel to the posts. Then use two (2) M10\*25 bolts, four (4) M10 washers, and two (2) M10 lock nuts to attach the panel to the deck.



## 4.5-inch 4-Clamp Arch Rail Installation

### STEP: 1

Attach the Arch Rail to the designated posts by connect half of the tube clamp to the arch rail using one (1) M8\*30 bolt. Repeat this process for each attachment point.

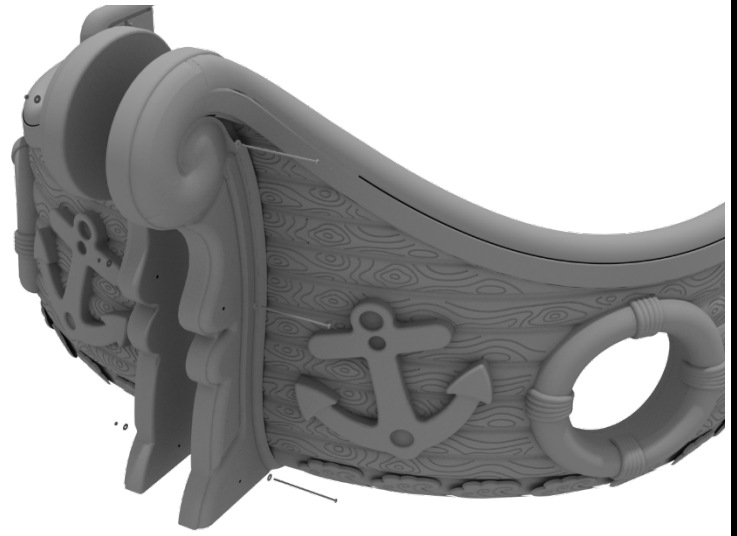
Set the arch rail into place, then attach the second half of the clamp around the post. The gap between the deck and the bottom of the rail should be no more than 3 inches.



## 4.5-inch Ship Bow Panel Installation

### STEP: 1

Attach Each Half of the Ship Bow Panel together using the provided M10 bolts, M10 Washers, and M10 Lock Nuts. The 3 bolts are unique and are required in specific locations. The topmost bolt is an M10\*260, the middle bolt is an M10\*240, and the bottommost bolt is an M10\*230.



### STEP: 1

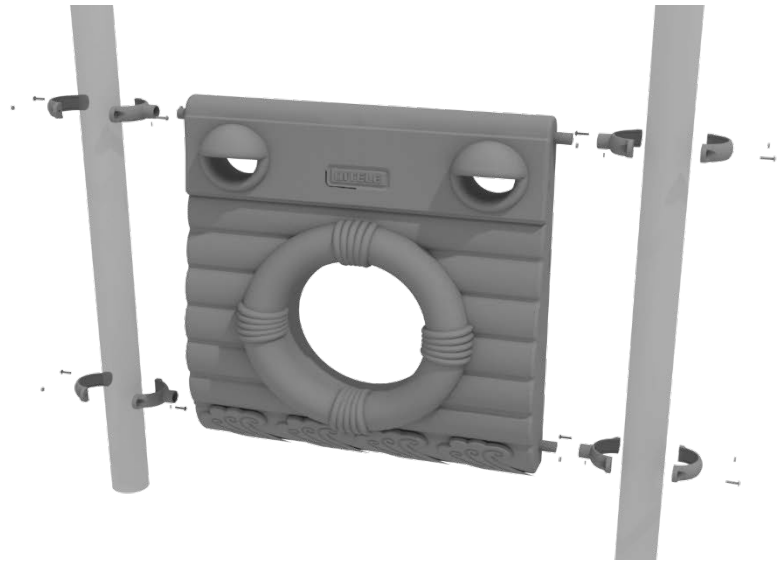
Each Half of the Ship Bow Panel attaches to the designated posts using two (2) tube clamps and two (2) M4\*25 Set Screws. Attach the Single Hole Mount to the Bottom of the Ship Bow Panel using two (2) M10\*20 bolts, two (2) M10 spring gaskets, and two (2) M10 washers. Refer to General Install Guide for information on Footings.



# 4.5-inch Ship Porthole Panel Installation

## STEP: 1

Attach the Ship Porthole Panel to the designated posts using four (4) tube clamps and four (4) M4\*25 Set Screws. Refer to Clamp installation section for more information about clamp installation.

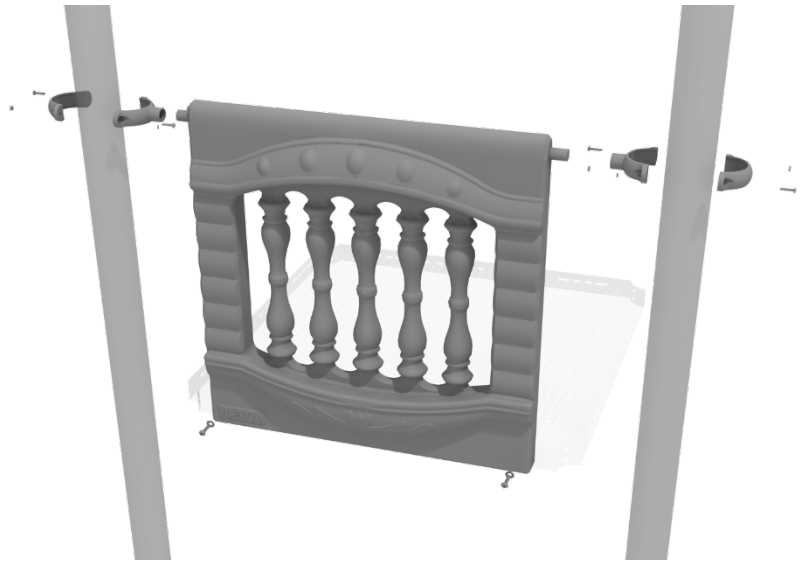




# 4.5-inch Ship Railing Panel Installation

## STEP: 1

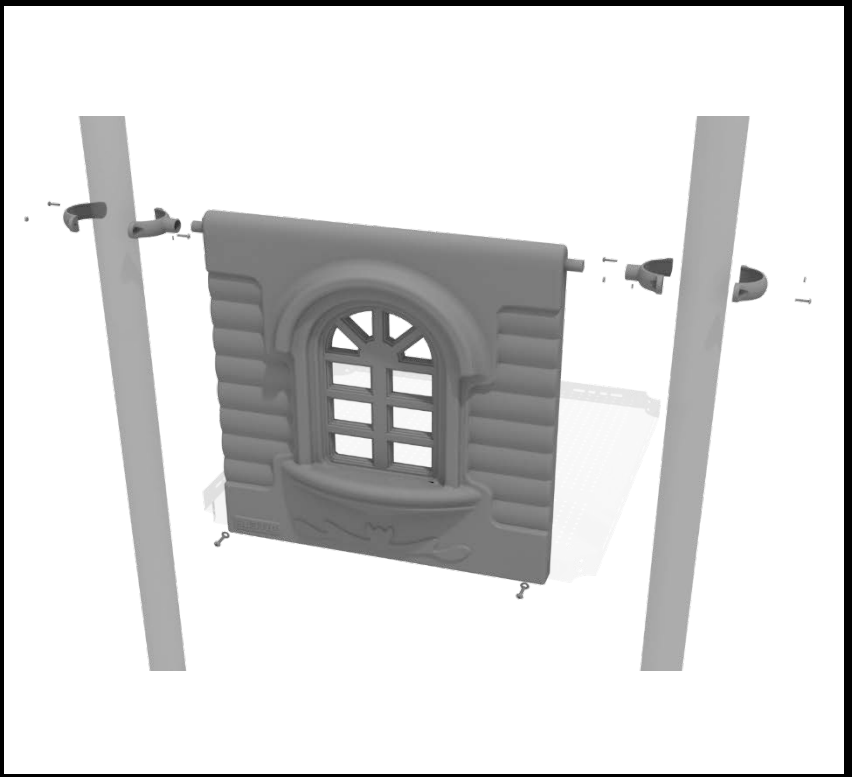
Attach the Ship Railing Panel to the designated posts using two (2) tube clamps two (2) M4\*25 Set Screws. Then, attach the bottom of the panel to the deck using two (2) M10\*50 bolts, four (4) M10 washers, and two (2) M10 lock nuts.



## 4.5-inch Ship Window Panel Installation

### STEP: 1

Attach the Ship Window Panel to the designated posts using two (2) tube clamps two (2) M4\*25 Set Screws. Then, attach the bottom of the panel to the deck using two (2) M10\*50 bolts, four (4) M10 washers, and two (2) M10 lock nuts.



# Net Climber Install Guide

## STEP: 1

See general installation guide regarding footing information for climbers.

Using two (2) M10\*60 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the Net Climber to the deck.

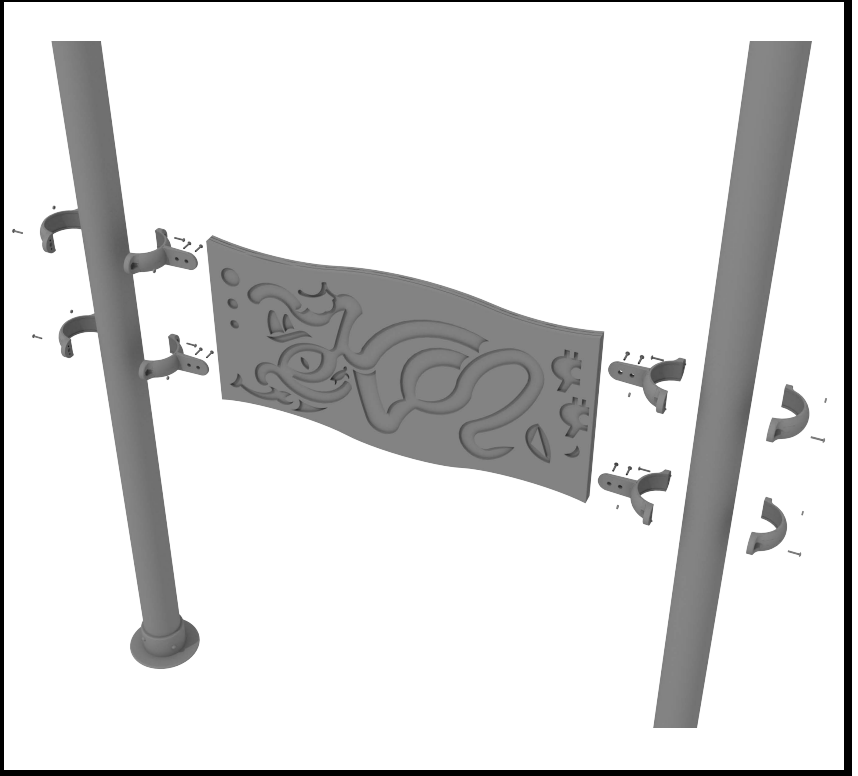


# Pirate Ship Themed PE Panel Install

## STEP: 1

Attach the pirate ship themed PE panel to the appropriate posts with 4.5-inch Flat clamps using four (4) M8\*37 Bolts, four (4) M8 Washers, and four

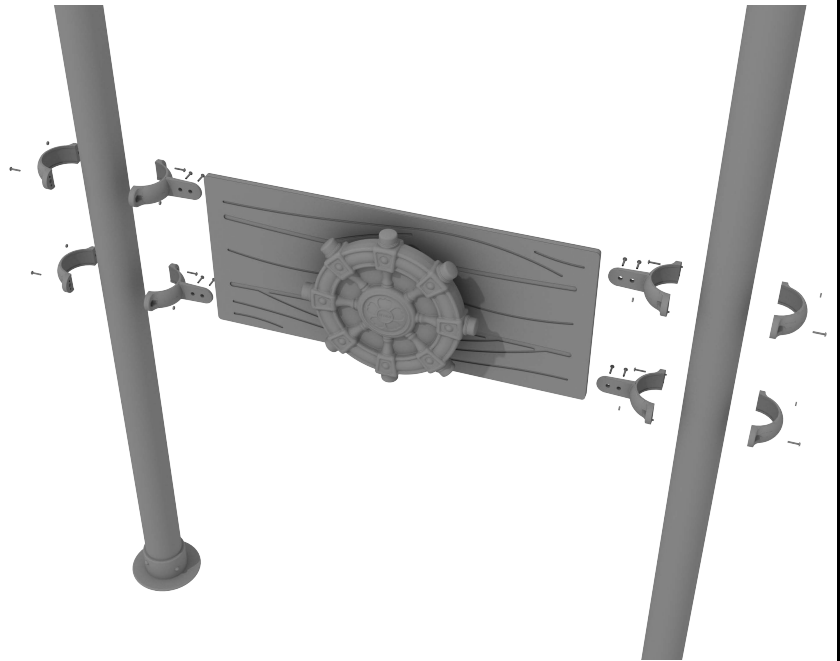
(4) M8 Lock Nuts. Use on site equipment to level, measure and drill appropriate holes for bolt hardware.



# Ship Themed PE Panel with Wheel Install

## STEP: 1

Attach the ship themed PE panel with wheel to the appropriate posts with 4.5-inch Flat clamps using four (4) M8\*37 Bolts, four (4) M8 Washers, and four (4) M8 Lock Nuts. Use on site equipment to level, measure and drill appropriate holes for bolt hardware.

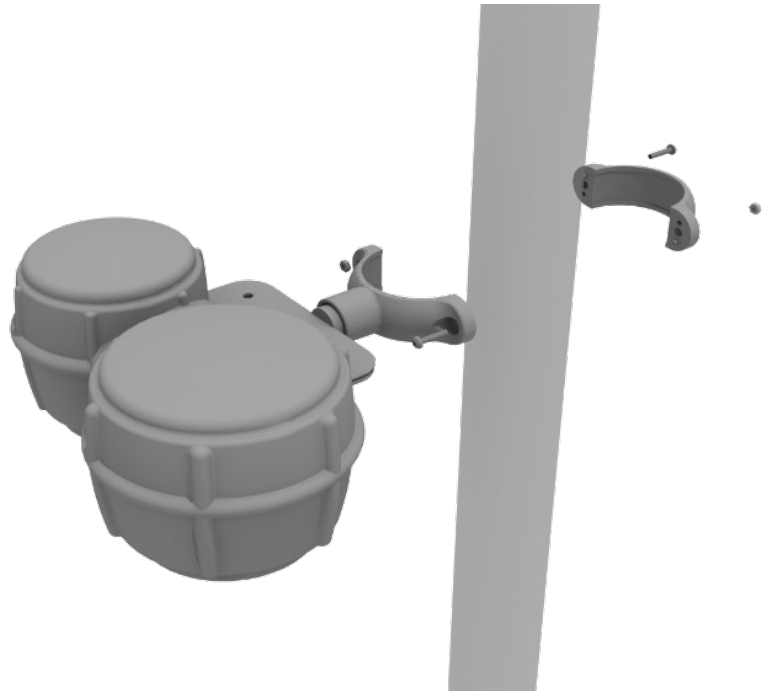


# Bongos Installation

Detach half of the tube clamp connected to the Bongos, and re-attach the clamp around the support post, as shown in the image. Recommended install height is 20 to 36 inches above surfacing depending on age range.

*We recommend using Thread-locking fluid on bolts connecting Bongos to clamp to prevent hardware from loosening over time.*

(Thread-locker not supplied)



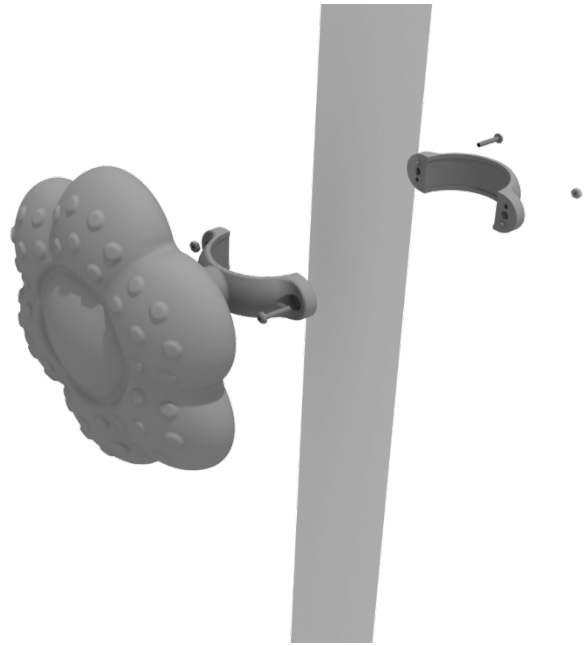
# Rain Wheel Installation

Detach half of the tube clamp connected to the Rain Wheel, and re-attach the clamp around the support post, as shown in the picture.

Recommended install height is 20 to 36 inches above surfacing depending on age range.

*We recommend using Thread-locking fluid on bolts connecting Rain wheel to clamp to prevent hardware from loosening over time.*

(Thread-locker not supplied)

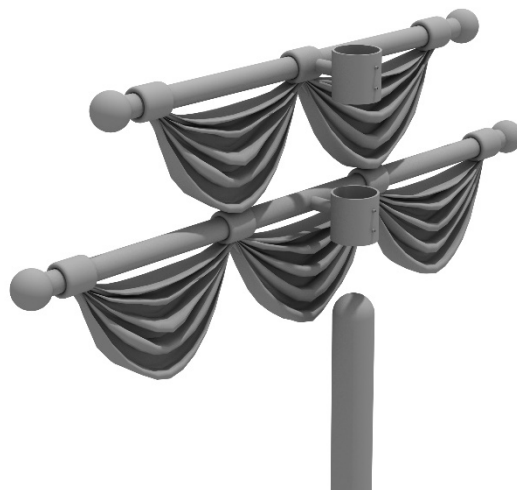




# Ship Sail Topper Installation

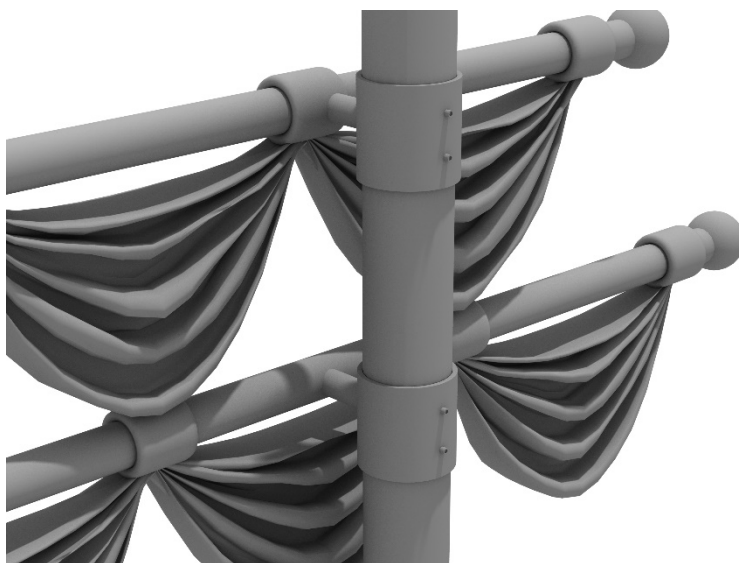
## STEP: 1

Place the Ship Sail Topper over the end of the corresponding post.



## STEP: 1

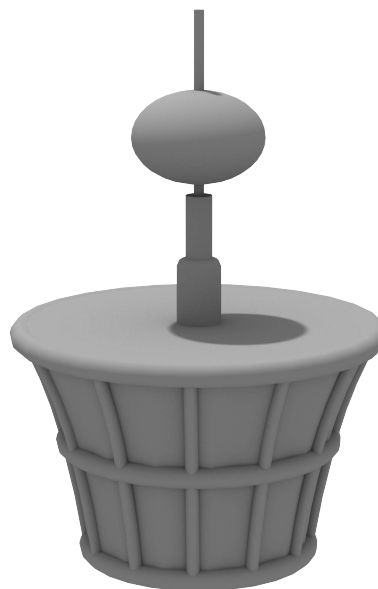
Once the Ship Sail Topper is in the desired position, tighten down the provided Set Screws to fix into place.



# Crow's Nest Topper Installation

## STEP: 1

Install the Crow's Nest Topper onto the top of the post by inserting the end through the post cap and inserting into the top of the post. Attach using provided set screws.



# Double Post Taper Sail Install

Loosen the set screw pre-attached to the pirate ship sail and insert in designated post. Secure and re-tighten set screw.

