

# Inground Post/Mount Installation

## STEP: 1

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

Refer to the General Installation  
guide footing size information and  
digging proper holes for the support  
posts/mounts.



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Created By: Gage Brown  
Date: 04/26/2018

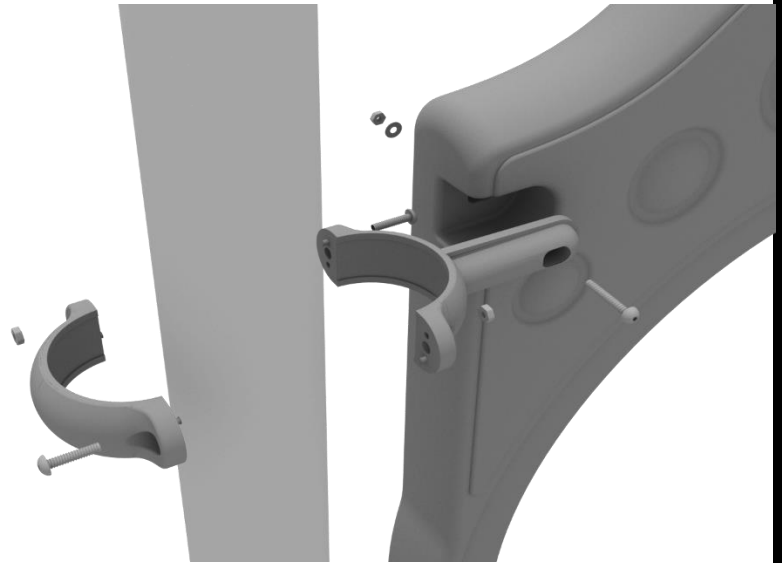
## 3.5-inch Clamp Installation Examples

The following three pages will include examples of how to install some of the most common types of Clamps that are present on our structures that use 3.5-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.

### 3.5-inch Flat Clamp Install Example

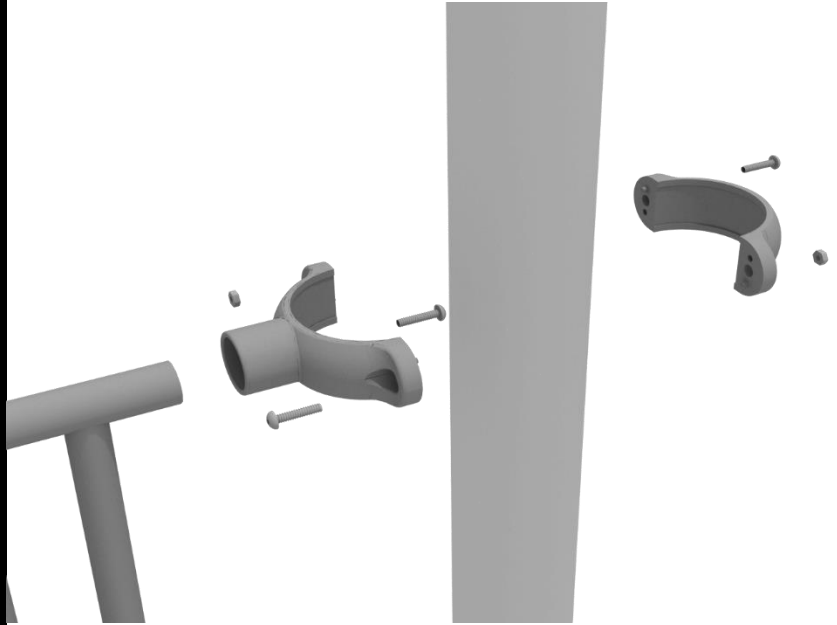
Connect half of the flat clamp to the component using one (1) M8\*40 bolt. Then, using the other half of the flat clamp and the hardware provided in the clamp hardware bag, attach the backside of the flat clamp around the post.



## 3.5-inch Clamp Installation Examples

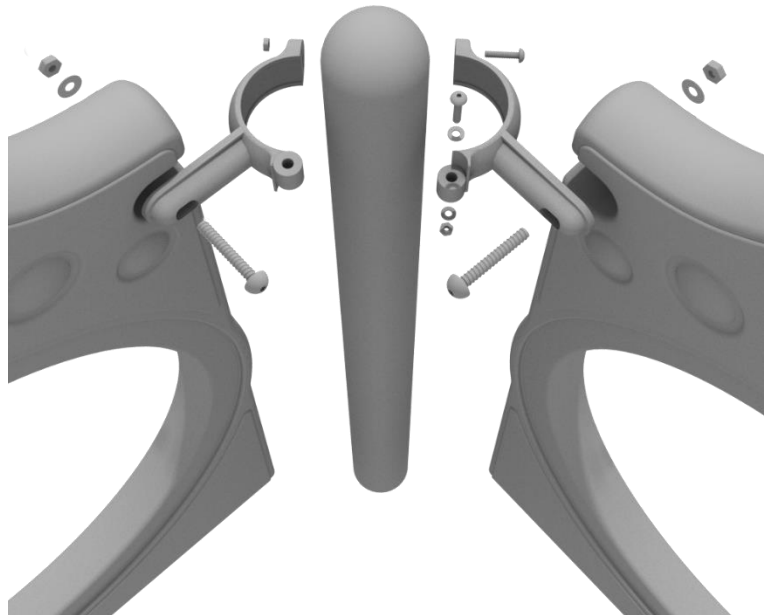
### 3.5-inch Tube Clamp Install Example

Connect half of the clamp to the component using one (1) M8\*30 bolt. 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.



### 3.5-inch 90-Degree Flat Clamp Install Example

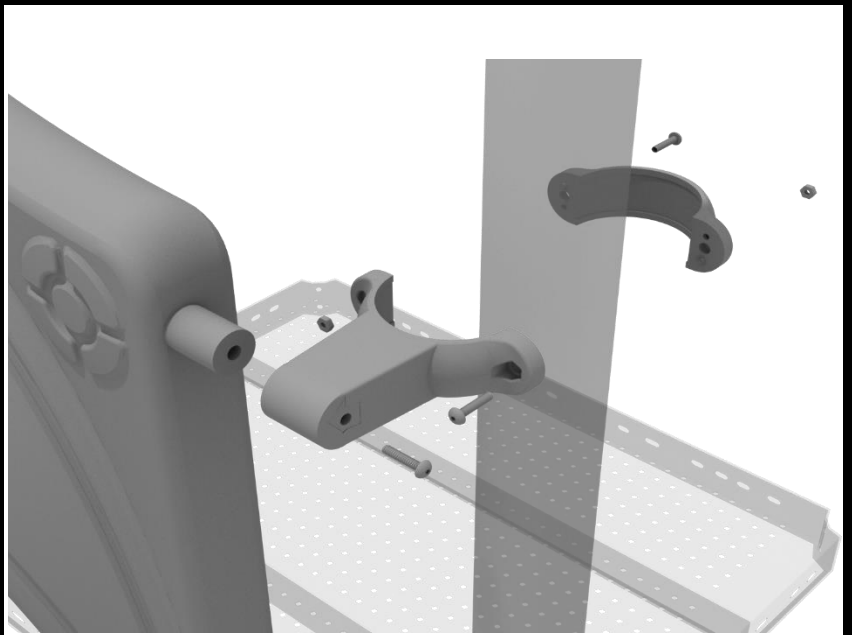
Connect half of the flat clamp to one panel using one (1) M8\*40 bolt. Then, using the other half of the flat clamp and the hardware provided in the clamp hardware bag, attach the other half of the tube clamp around the post. Then, attach the next panel to the other side of the clamp using the same process.



## 3.5-inch Clamp Installation Examples

### 3.5-inch Double Slide Clamp Install Example

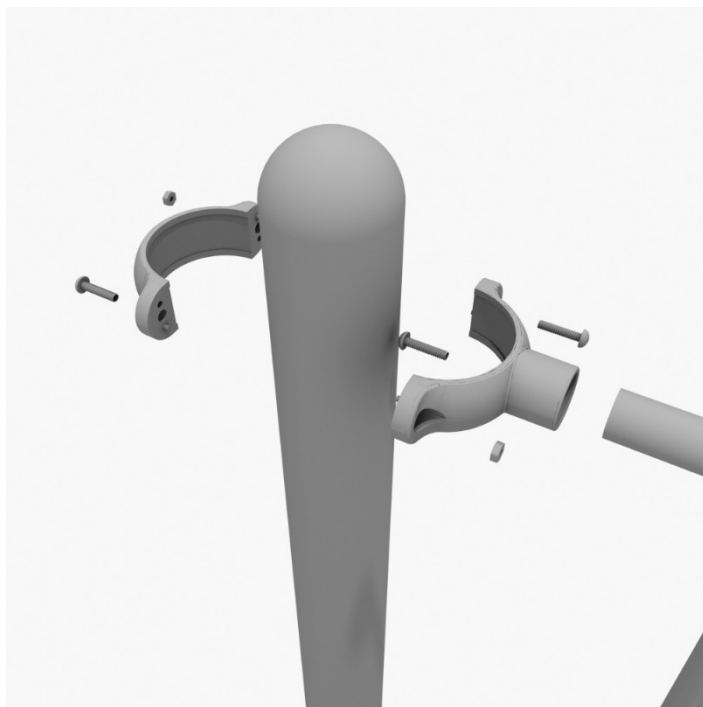
Connect half of the double slide clamp to the double slide hood using one (1) M8\*30 bolt. Then, using the other half of the clamp and the hardware provided in the clamp hardware bag, attach the backside of the double slide clamp around the post.



# 36" Transfer Station (for 3.5" post) Install

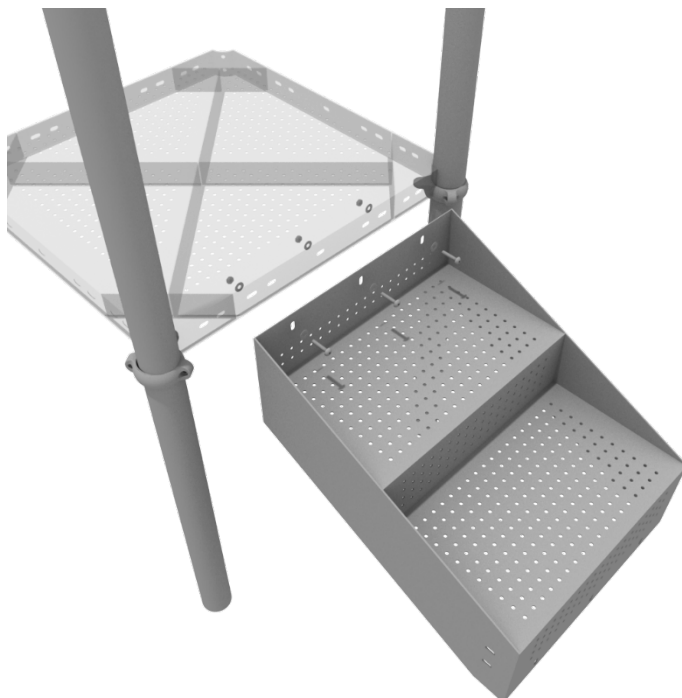
## STEP: 1

Connect half of the 3.5-inch tube clamp to the handrail using one (1) M8\*30 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.



## 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 square deck.



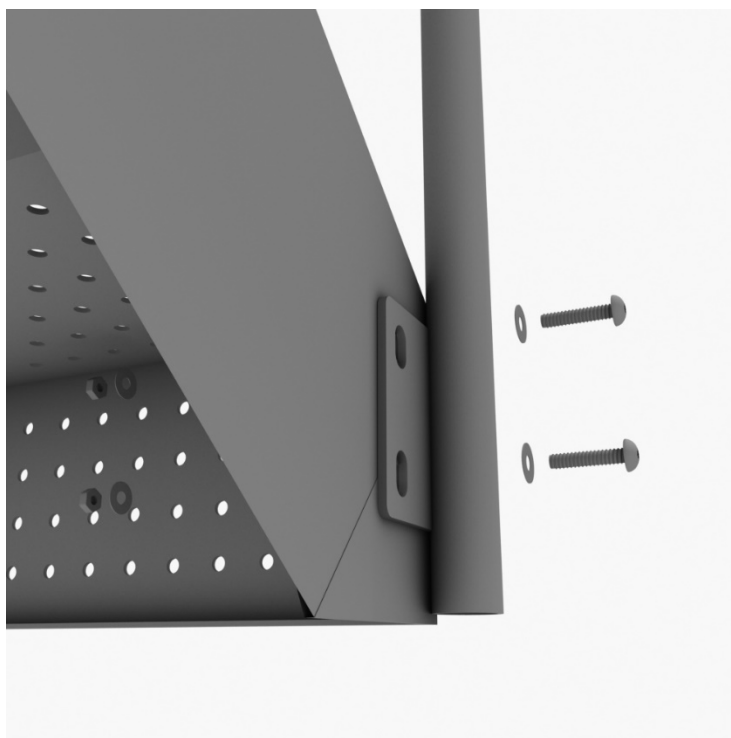
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Created By: Aaron Price  
Date Modified: 3/13/18

# 36" Transfer Station (for 3.5" post) Install

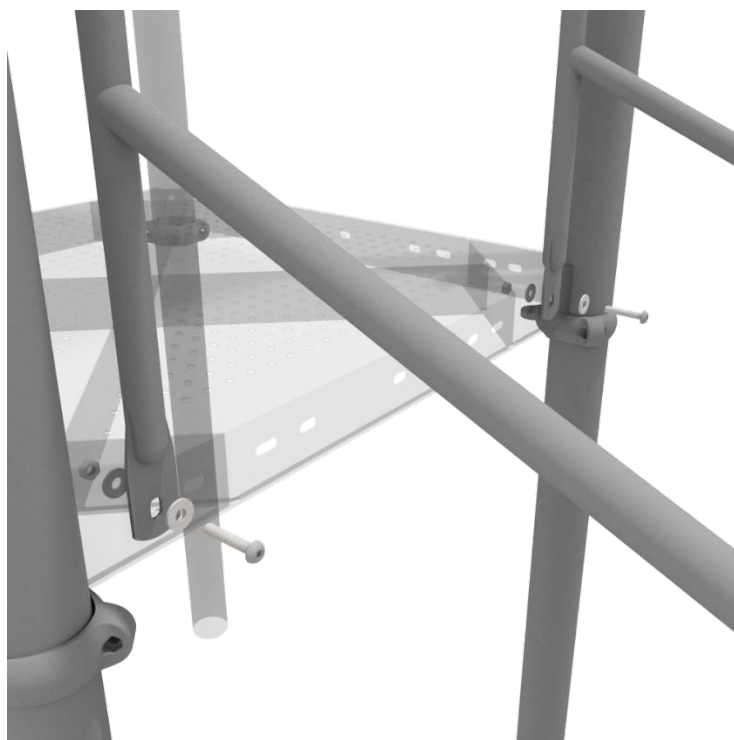
## STEP: 3

Using four (4) M10\*25 bolts, eight (8) M10 washers, and four (4) M10 lock nuts, connect the bottom of the handrails to the bottom of the 3-foot transfer stair.



## STEP: 4

Using two (2) M10\*25 bolts, four (4) M10 washers, two (2) lock nuts, attach the handrail to the square deck.



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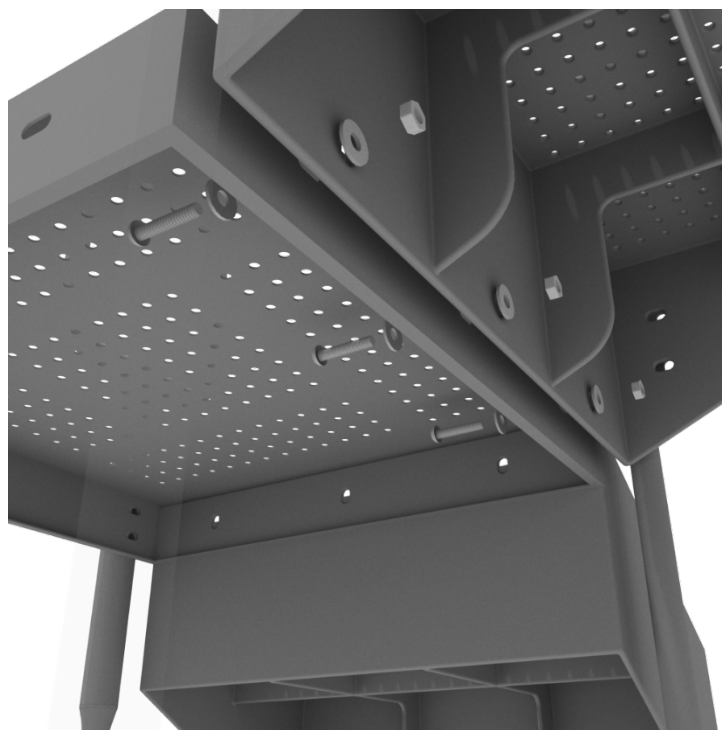
Created By: Aaron Price  
Date Modified: 3/13/18



# 36" Transfer Station (for 3.5" post) Install

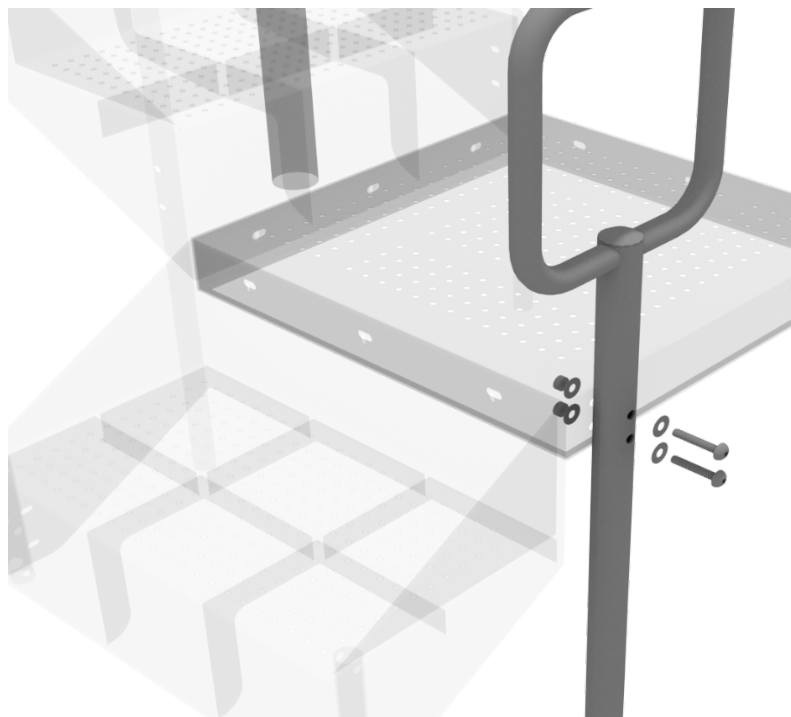
## STEP: 5

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 3-foot ADA transfer stair.



## STEP: 6

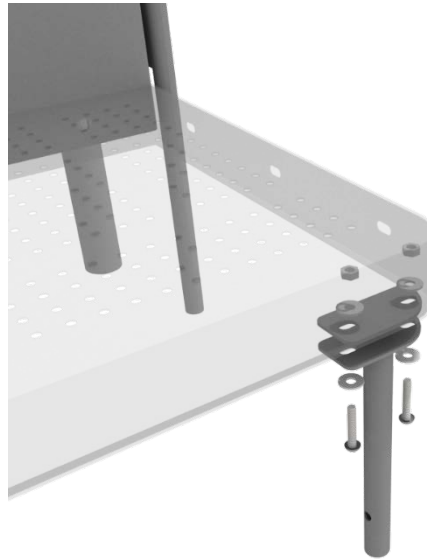
See general installation guide regarding footing information for the transfer deck handrail & mount. Using two (2) M10\*65 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the transfer handrail to the ADA transfer deck.



## 36" Transfer Station (for 3.5" post) Install

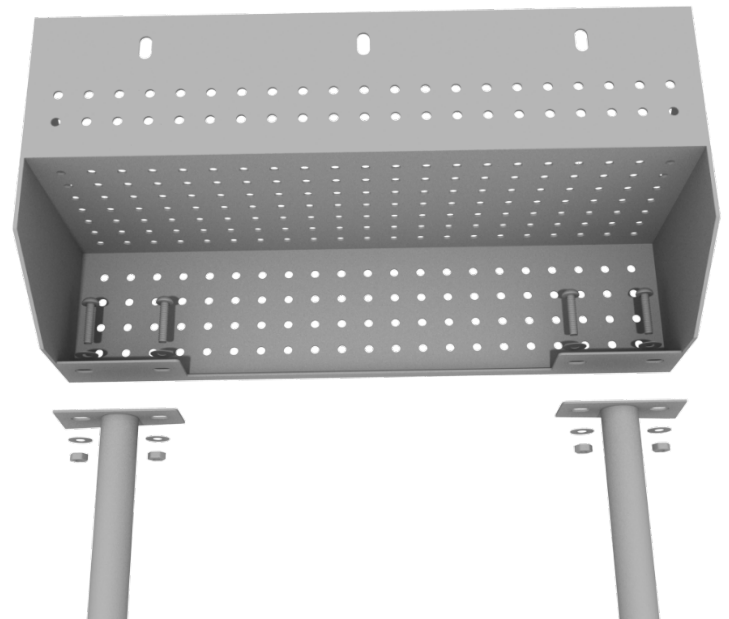
### STEP: 7

Using two (2) M10\*25 bolts, four (4) M10 washers, and two (2) lock nuts, attach the transfer deck mount to the ADA transfer deck.



### STEP: 8

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.

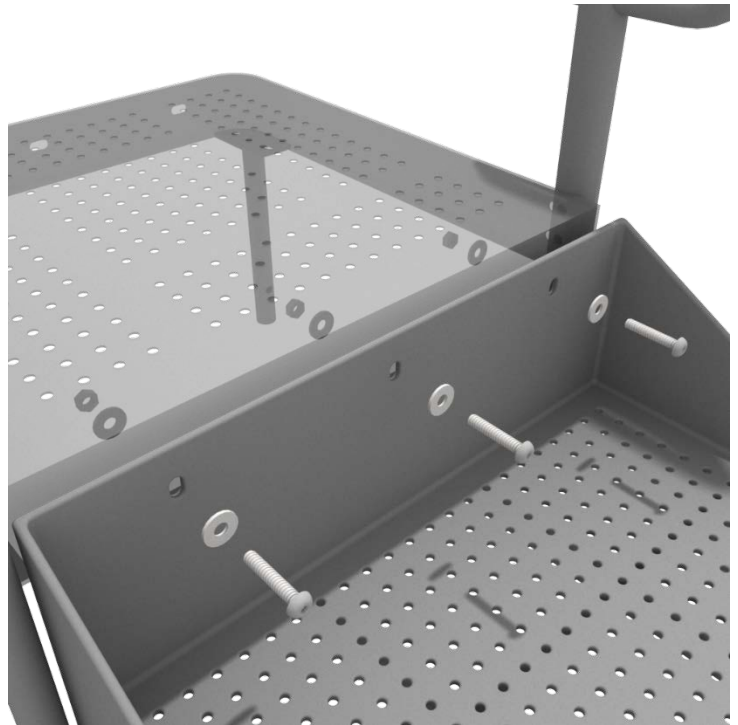




# 36" Transfer Station (for 3.5" post) Install

## STEP: 9

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.



# Half Hex Deck Installation

## STEP: 1

After the posts are in place, using five (5) M10\*35 bolts, ten (10) M10 washers, and five (5) M10 lock nuts, attach the deck to each pre-attached deck clamps as shown in the image.

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



# 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.

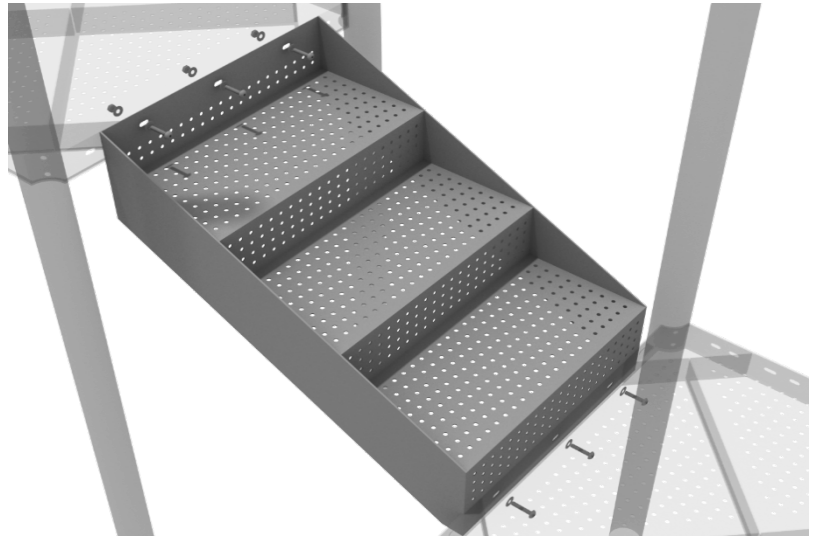
Deck clamps are pre-attached to the posts and should not be altered in any way.



## 3.5-Inch 2-foot Middle Stair Installation

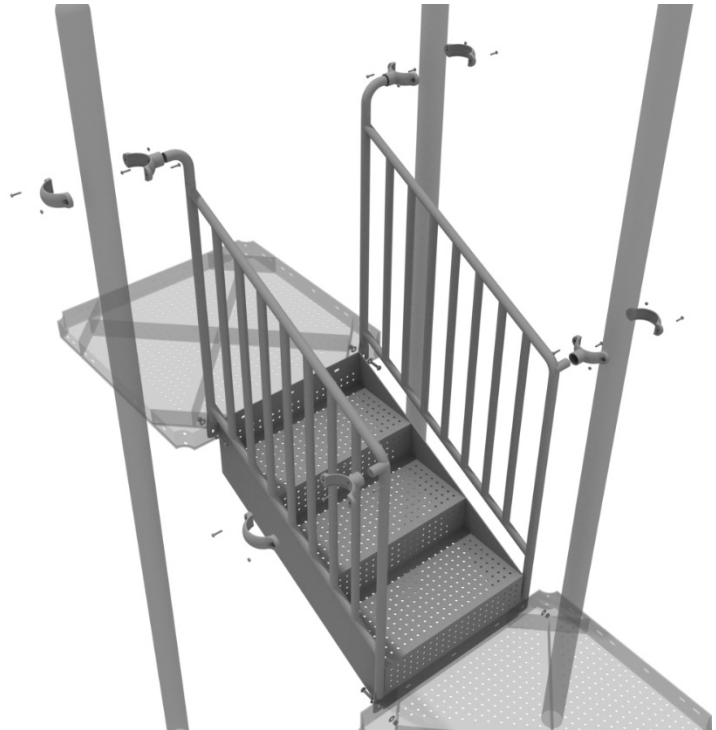
### STEP: 1

Using six (6) M10\*25 bolts, twelve (12) M10 washers, and six (6) M10 lock nuts, attach the 2-foot connection stair to the assigned decks.



### STEP: 2

Then, once the stair is in place, attach the 2-foot connection handrail to the posts using four (4) 3.5-inch 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.



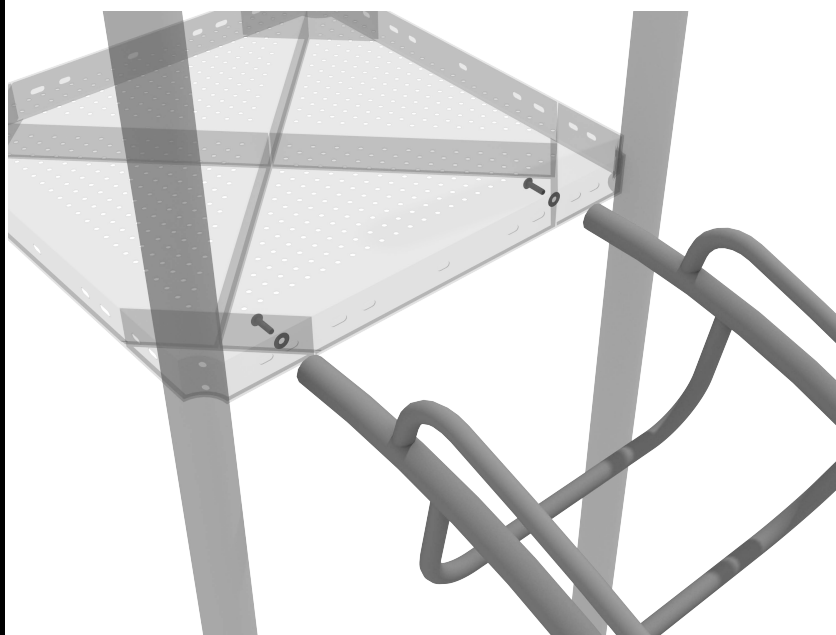
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# Inverted Arch Ladder Installation

## STEP: 1

The Inverted Arch Ladder is internally threaded on one end, use two (2) M10\*25 bolts, and two (2) M10 washers to affix to the deck. See general installation guide regarding footing information for climbers.



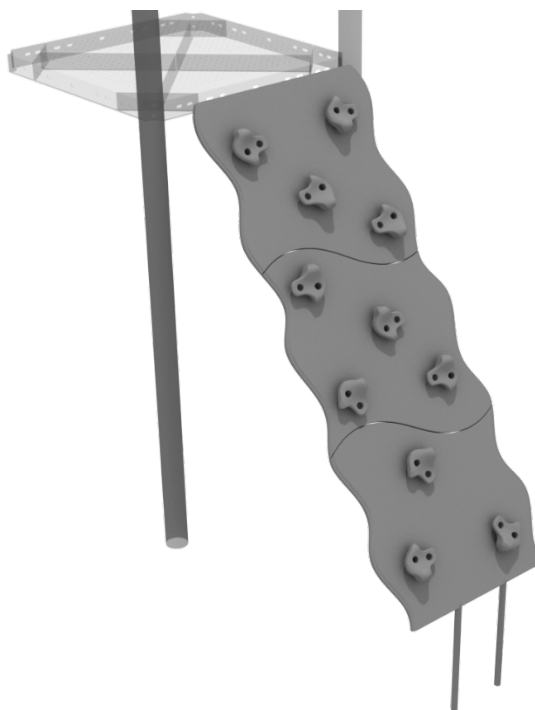
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Date: 04/19/2018

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# PE Wavy Rock Climber Installation

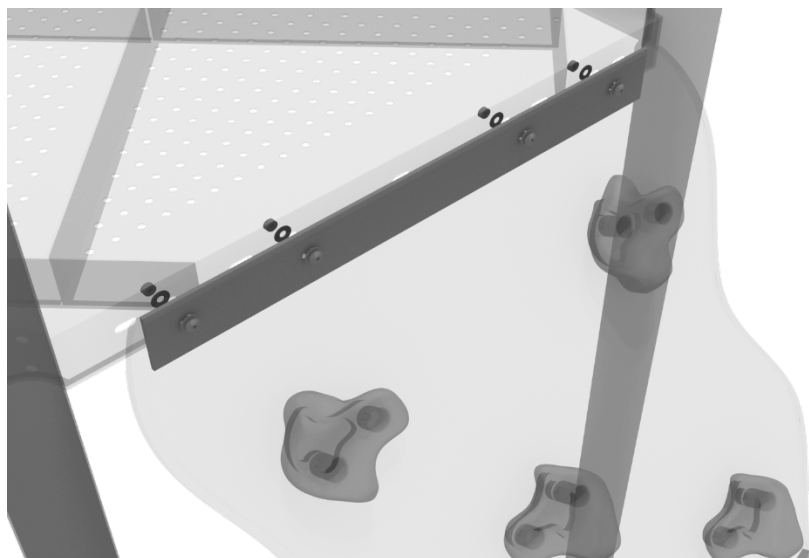
## STEP: 1

See general installation guide regarding footing information for the wavy PE rock climber.



## STEP: 2

Then, using four (4) M10\*55 bolts, eight (8) M10 washers, and four (4) M10 lock nuts, attach the climber to the deck.

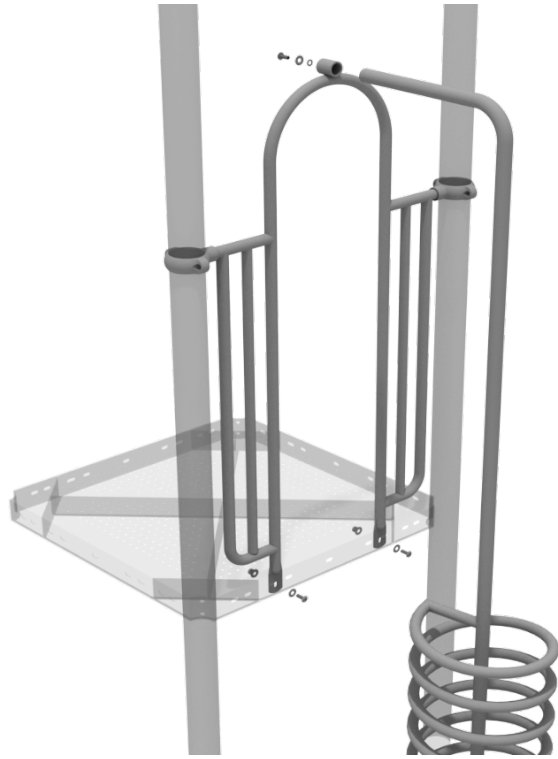




# Spiral Climber Installation

## STEP: 1

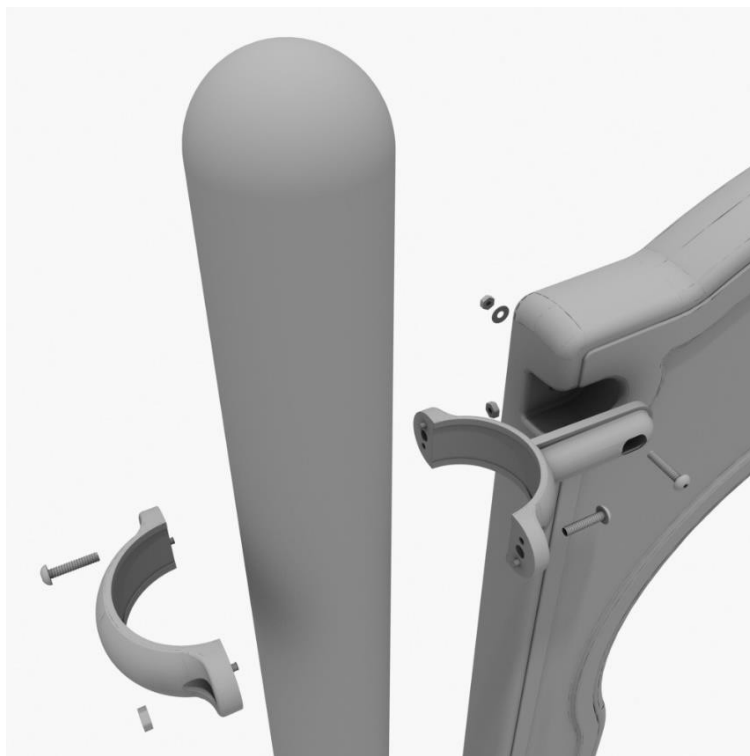
See general installation guide regarding footing information for the spiral climber. Attach the top of the climber to the designated arch rail top bracket using one (1) M10\*20 bolt, one (1) M10 spring washer, and one (1) M10 washer.



## 3-Foot Sectional Slide

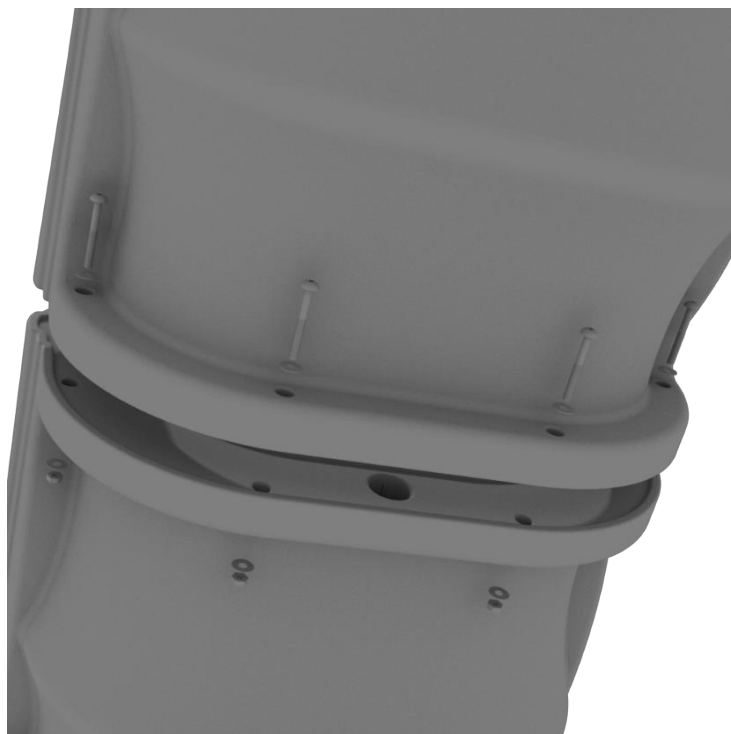
### Step 1

Take one (1) 3.5-inch flat clamp, and loosely attach it around a post using the bolts and nuts provided in the clamp hardware bag. Repeat this process on the other post. Then, use one (1) M8\*40 bolt, one (1) M8 washer, and one (1) M8 lock nut to attach each side of the slide hood to each clamp. Leave bolts loose until slide is in place.



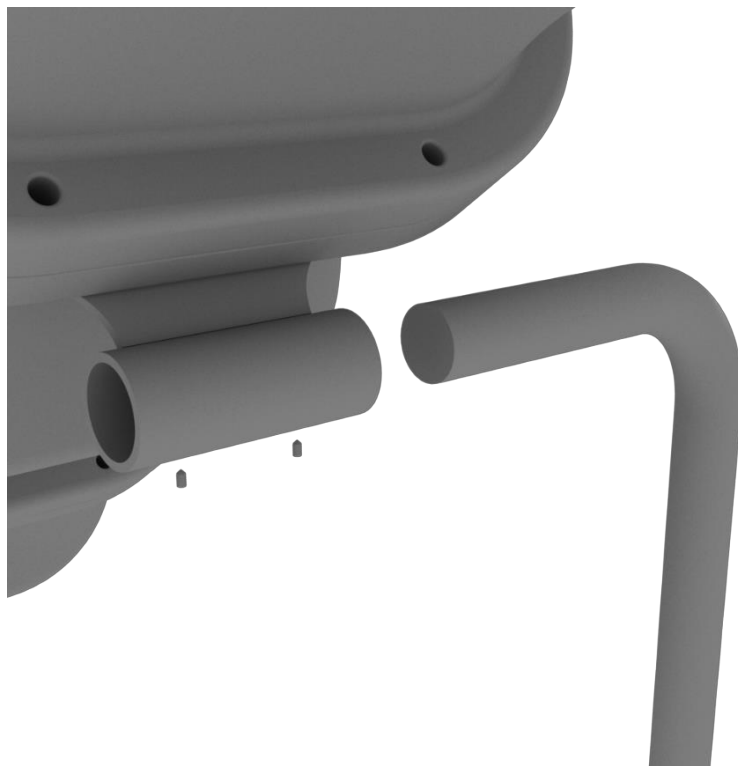
### Step 2

Using the hardware pre-attached to the slide, connect the two sections of the slide together.



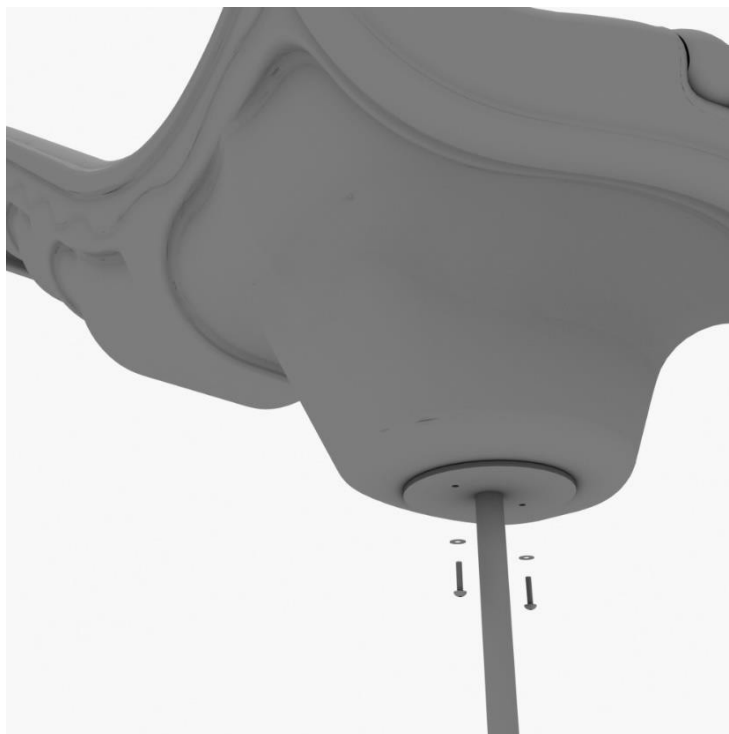
### Step 3

See general installation guide footing information regarding installation of the middle supports, and slide end mount. Insert the middle support into the designated slot under the slide, and tighten the set screws using the provided allen wrench. Repeat this process for the other slide support post.



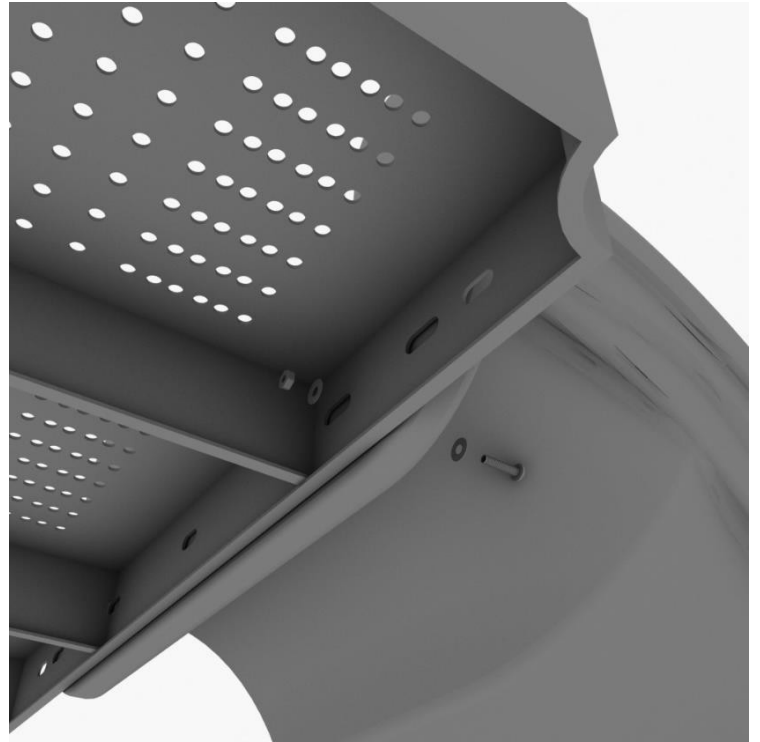
### Step 4

Using two (2) M8\*20, two (M8) spring gaskets, and two (2) M8 washers, attach the slide to the slide end mount.



## Step 5

Using one (1) M10\*45 bolt, two (2) M10 washers, and two (2) M10 lock nuts, attach one side of the slide to the deck. Repeat the process for the other side of the slide.



## Step 6

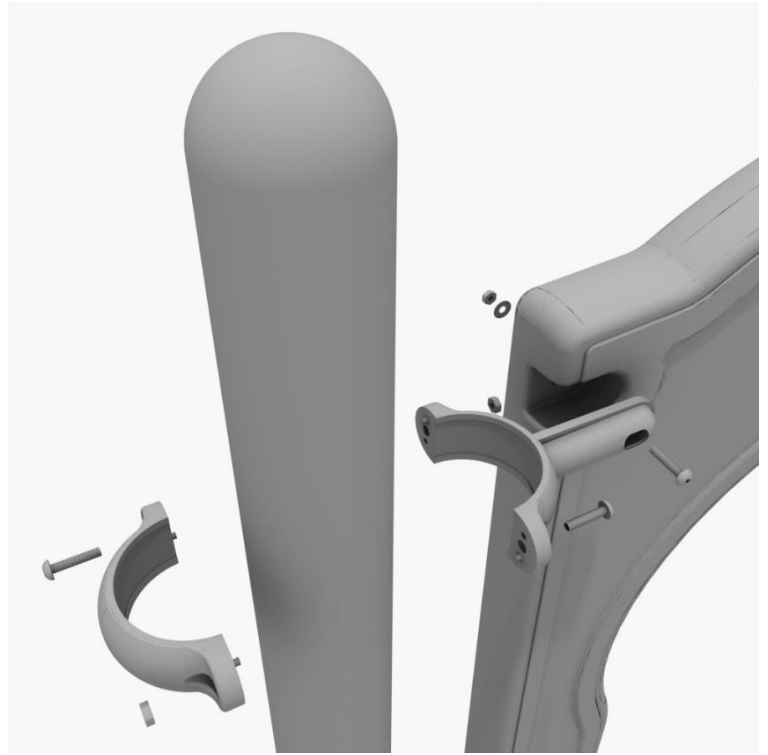
Using one (1) M8\*45 bolt, one (1) M8 washer, one (1) M12 washer, and one (1) M12 Inner hex spiral nut, attach the slide to one side of the slide hood. Repeat this process for the other side of the slide. Make sure all bolts are properly tightened.



## 5-Foot Sectional Slide

### Step 1

Take one (1) 3.5-inch flat clamp, and loosely attach it around a post using the bolts and nuts provided in the clamp hardware bag. Repeat this process on the other post. Then, use one (1) M8\*40 bolt, one (1) M8 washer, and one (1) M8 lock nut to attach each side of the slide hood to each clamp. Leave bolts loose until slide is in place.



### Step 2

Using the hardware pre-attached to the slide, connect the two sections of the slide together.



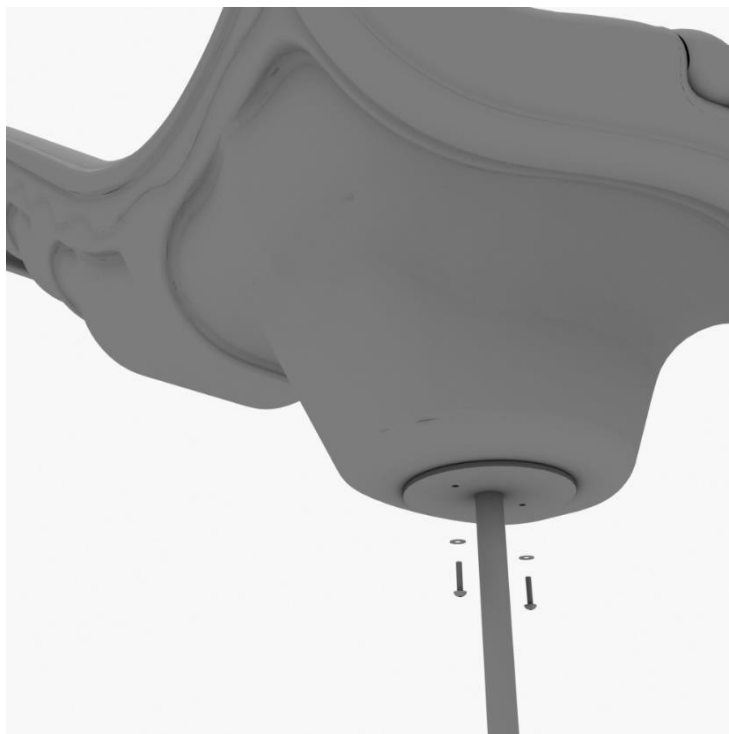
### Step 3

See general installation guide footing information regarding installation of the middle supports, and slide end mount. Insert the middle support into the designated slot under the slide, and tighten the set screws using the provided allen wrench. Repeat this process for the other slide support post.



### Step 4

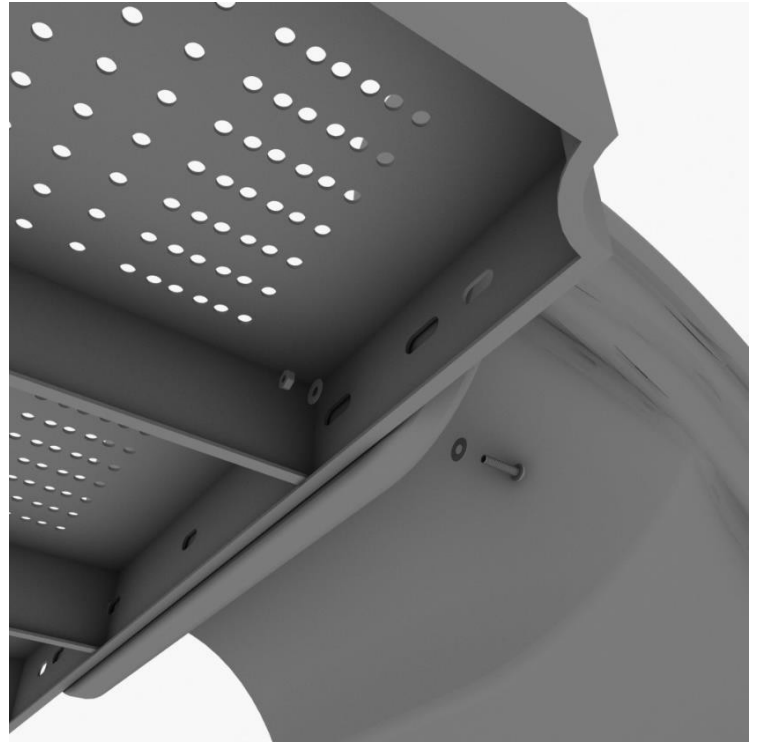
Using two (2) M8\*20, two (M8) spring gaskets, and two (2) M8 washers, attach the slide to the slide end mount.





## Step 5

Using one (1) M10\*45 bolt, two (2) M10 washers, and two (2) M10 lock nuts, attach one side of the slide to the deck. Repeat the process for the other side of the slide.



## Step 6

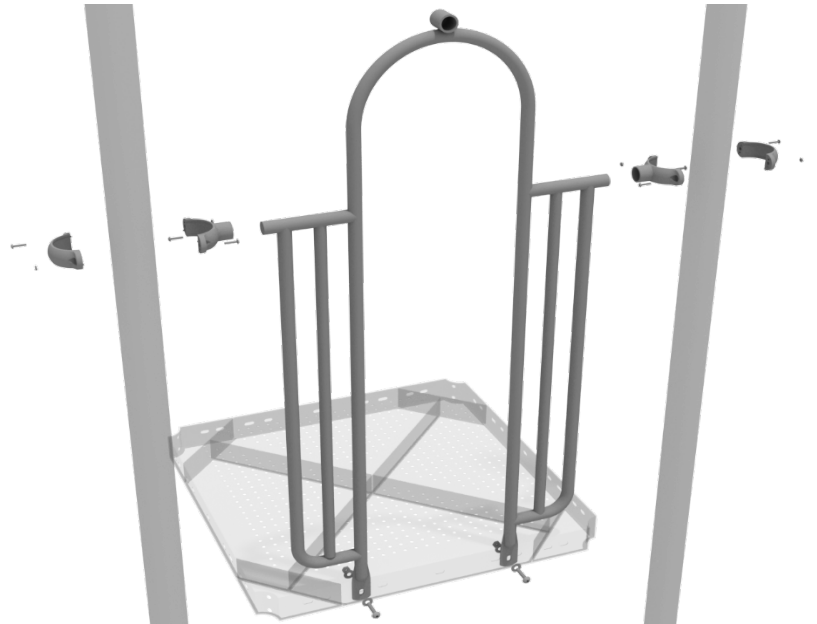
Using one (1) M8\*45 bolt, one (1) M8 washer, one (1) M12 washer, and one (1) M12 Inner hex spiral nut, attach the slide to one side of the slide hood. Repeat this process for the other side of the slide. Make sure all bolts are properly tightened.



## 3.5-inch 2-Clamp Arch Rail Installation

### STEP: 1

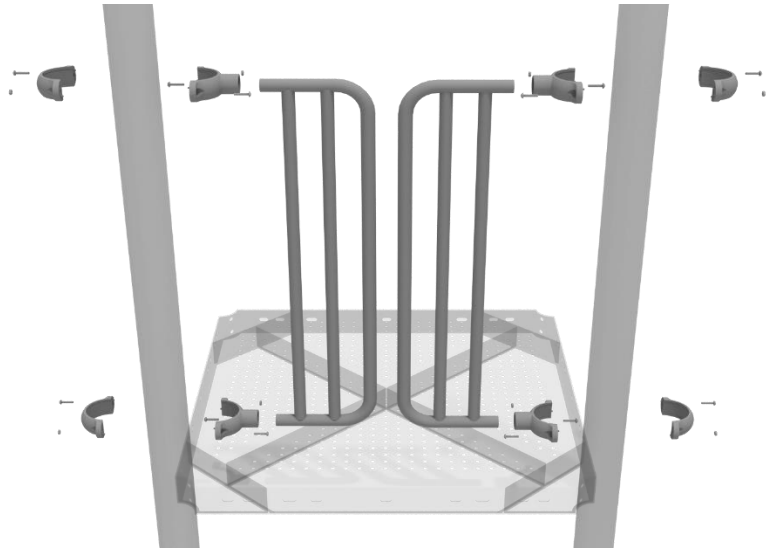
Attach the Arch Rail to the designated posts by connect half of the tube clamp to the arch rail using one (1) M8\*30 bolt. Repeat this process for each post attachment point. Then, attach the rail to the deck using two (2) M10\*25 bolts, four (4) M10 washers, and two (2) M10 lock nuts. Finally, attach the second half of the clamp around the post.



# D-Rail Installation

## STEP: 1

Take two (2) 3.5-inch tube clamps and connect half of the clamps both ends of the D-Rail using one (1) M8\*30 bolt. Then, using the other half of the tube clamp and the hardware provided in the clamp hardware bag, attach the other half of the tube clamp around the post to the D-Rail. Repeat this process for the other D-Rail.

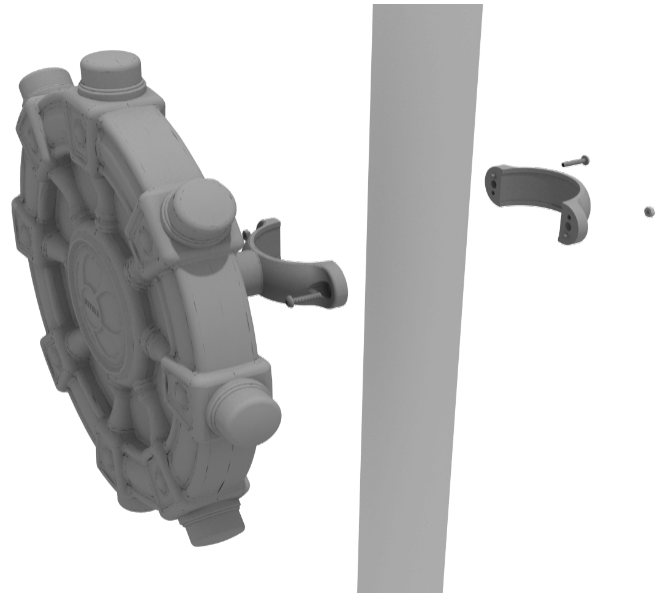


# Ships Wheel Installation

Detach half of the tube clamp connected to the Ships 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 Ship's wheel to clamp to prevent hardware from loosening over time.*

(Thread-locker not supplied)

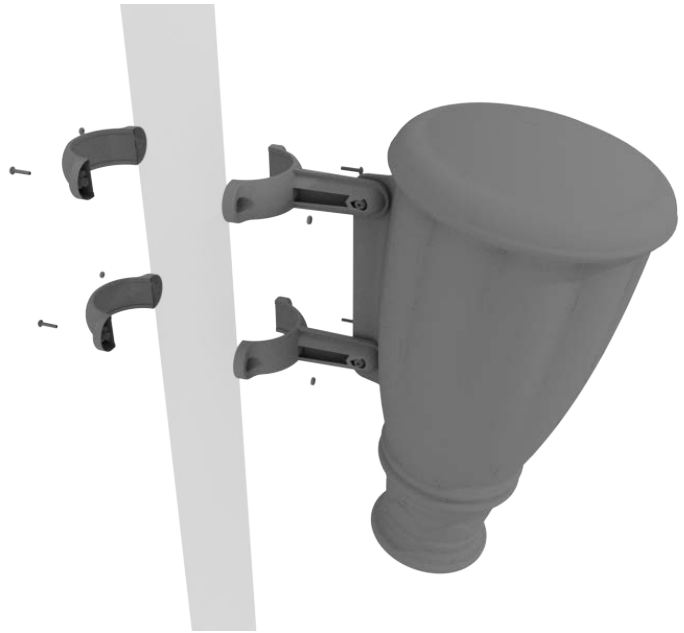


# Single Drum Installation

Detach half of the tube clamps connected to the Single Drum, and re-attach the clamps 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 Single Drum to clamp to prevent hardware from loosening over time.*

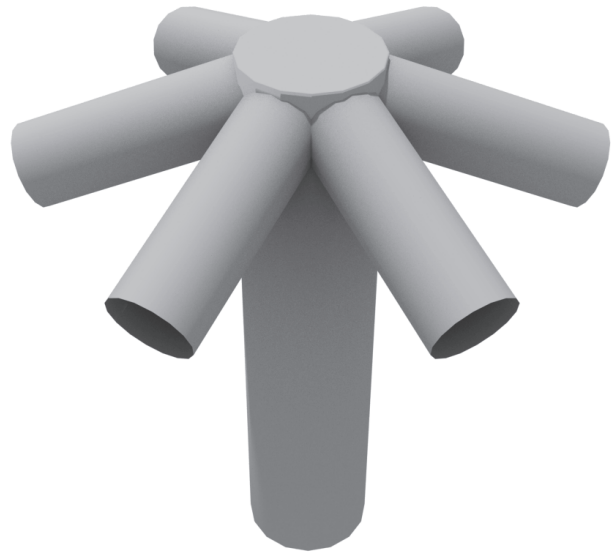
(Thread-locker not supplied)



# Hex Shade Install

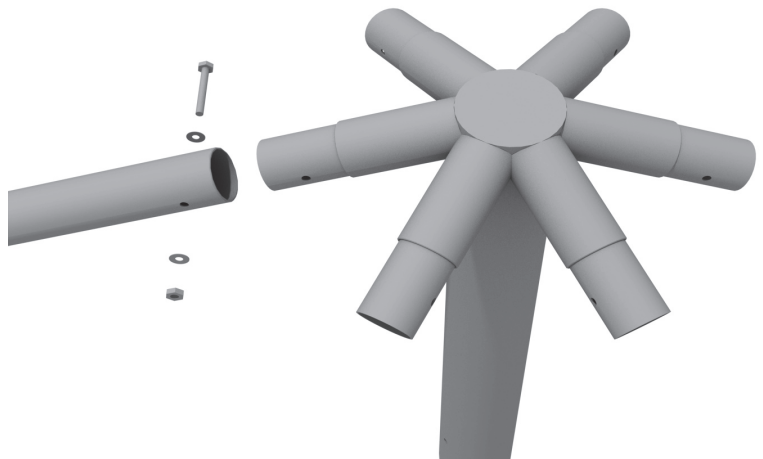
## STEP: 1

Secure Hex Shade Center Elbow to designated post on structure.  
Using two (2) M10\*150 Hex Bolts, four (4) M10 Washers, two (2) M10 Lock Nuts and four (4) Bolt covers with cap.



## STEP: 2

Connect and secure Shade Arm to Hex Shade Center Elbow using one (1) M10\*90 bolt, two (2) M10 Washers, one (1) M10 Lock Nut. Repeat step for remaining Shade Arms.

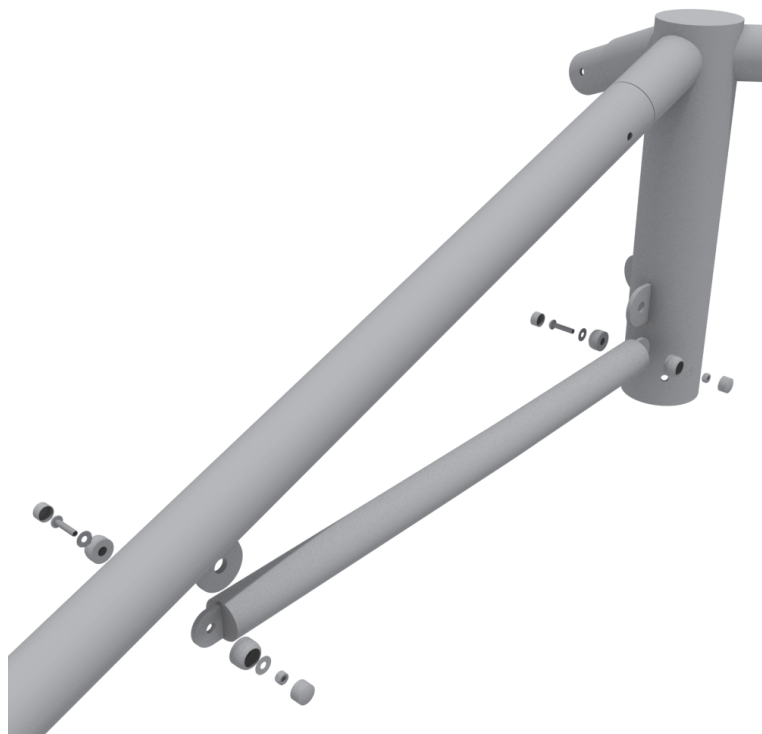




# Hex Shade Install

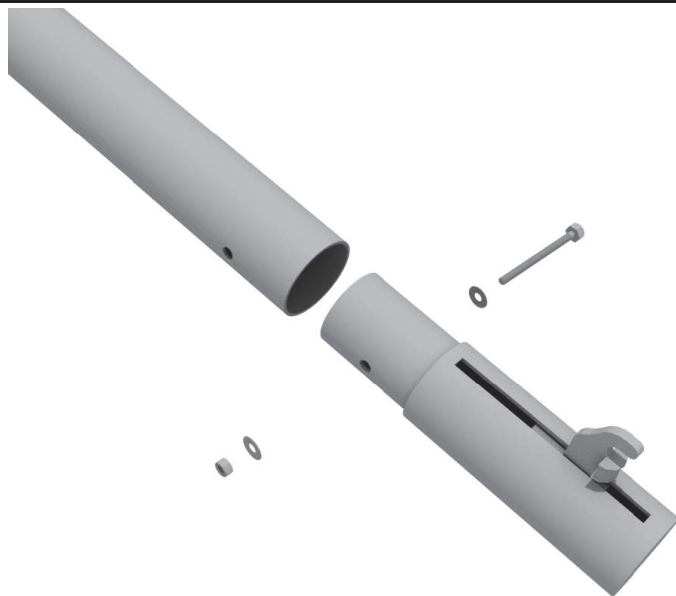
## STEP: 3

Connect Shade Arm support to Shade Arm and Hex Shade Center Elbow using two (2) M10\*35 bolts, four (4) M10 Washers, two (2) M10 Lock Nuts and four (4) bolt covers with cap.  
Repeat step for remaining Shade Arm Supports.



## STEP: 4

Connect Glide Elbow to Shade Arm using one (1) M10\*90 bolt, two (2) M10 Washers, one (1) M10 Lock Nut. Repeat step for remaining Glide Elbows.



# Hex Shade Install

## STEP: 5

Slide Shade fabric over Glide Elbow hook. To tighten, use drive head to stretch and tighten shade fabric.

