

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

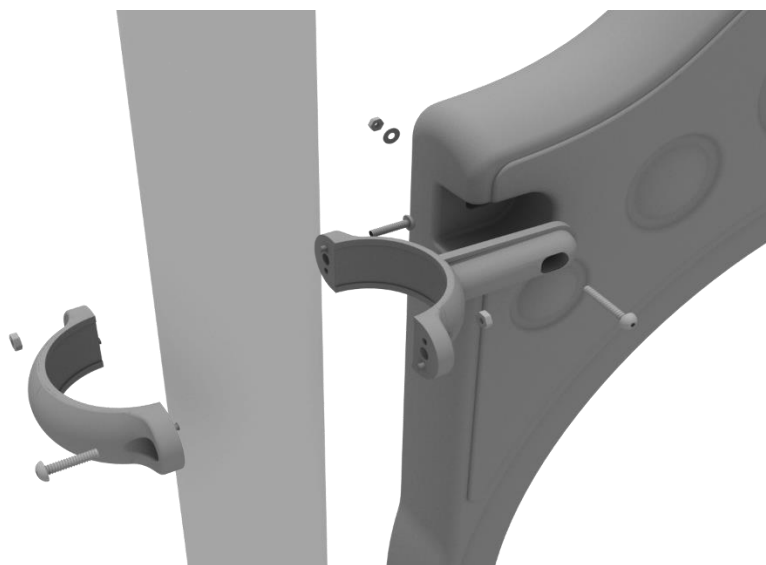
3.5-Inch Clamp Installation Examples

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.



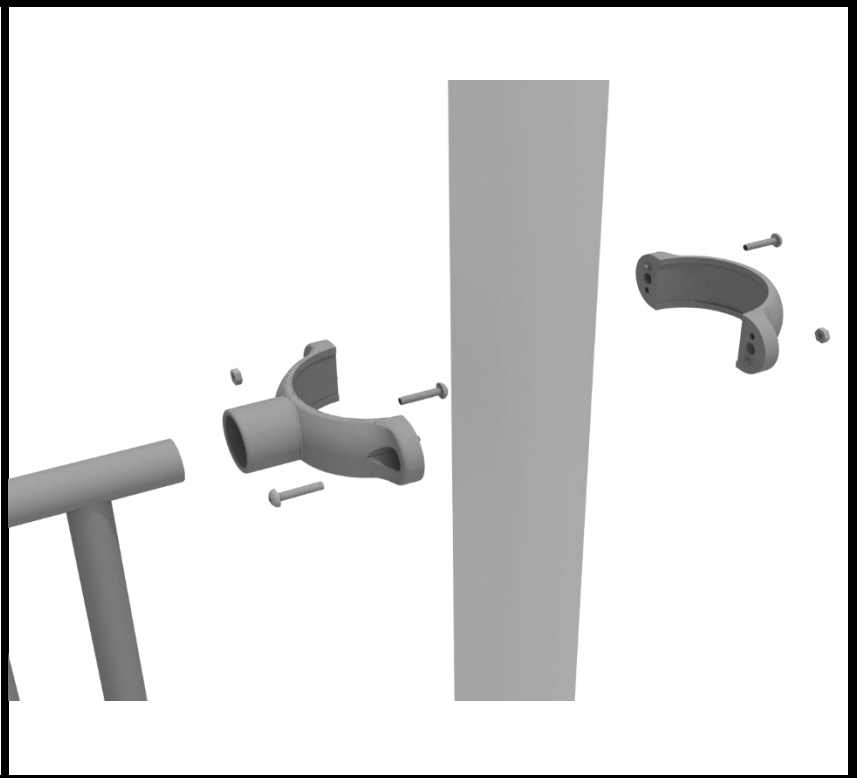
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Created By: Derick H
Date: 11/01/2018

3.5-Inch Clamp Installation Examples

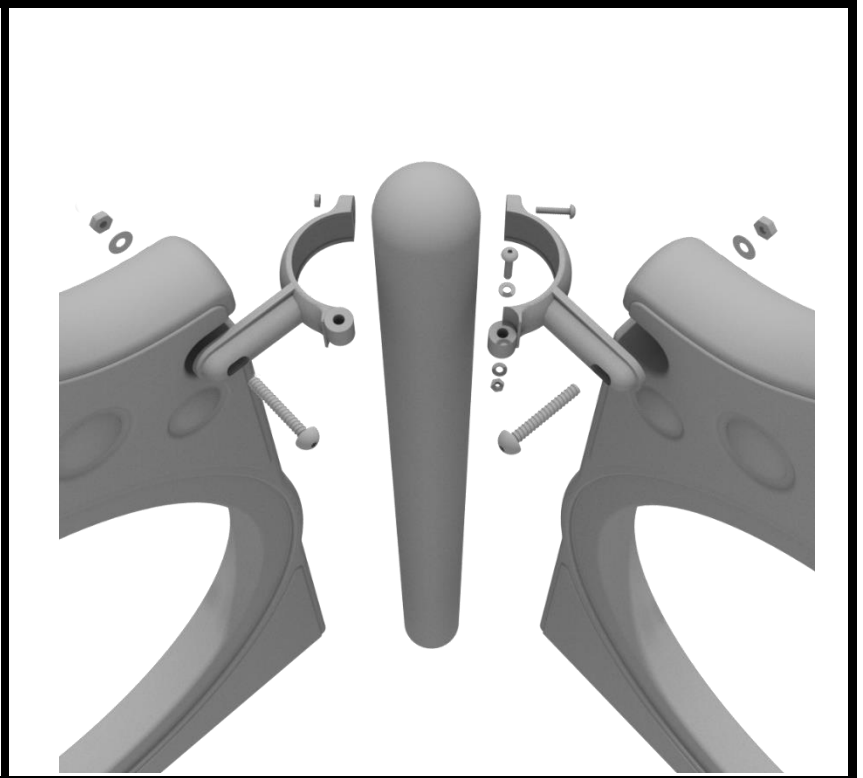
3.5-inch Tube Clamp Install Example

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

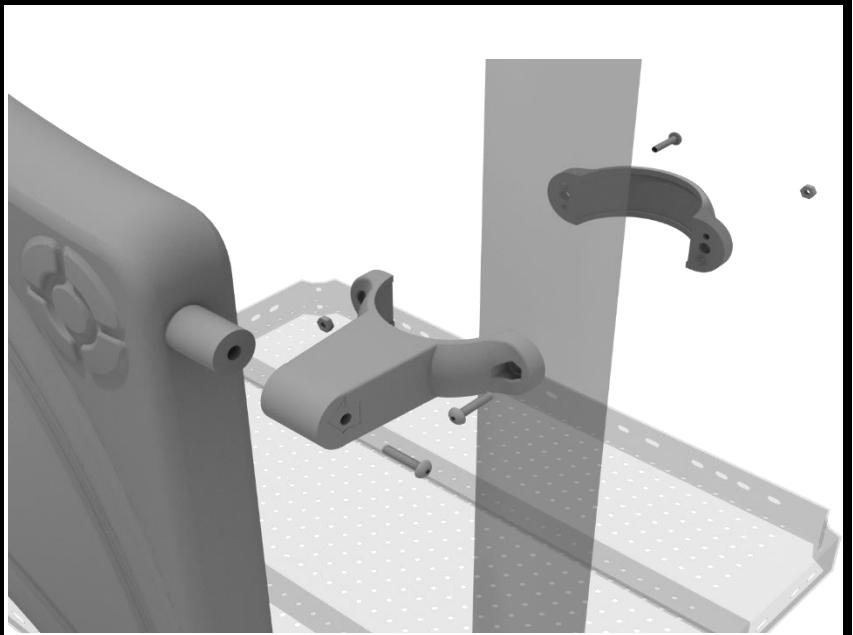
Connect half of the flat clamp to one panel using one (1) M8*40 bolt. Then, using the other half of the flat clamp and the hardware provided in the clamp hardware bag, attach the other half of the tube clamp around the post. Then, attach the next panel to the other side of the clamp using the same process.



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.



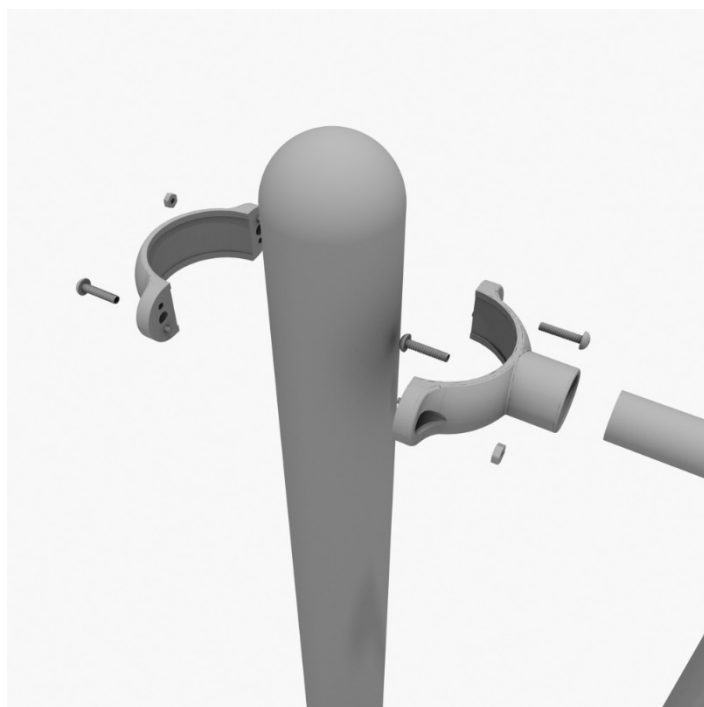
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Created By: Derick H
Date: 11/01/2018

36" Transfer Station (for 3.5" post) Install

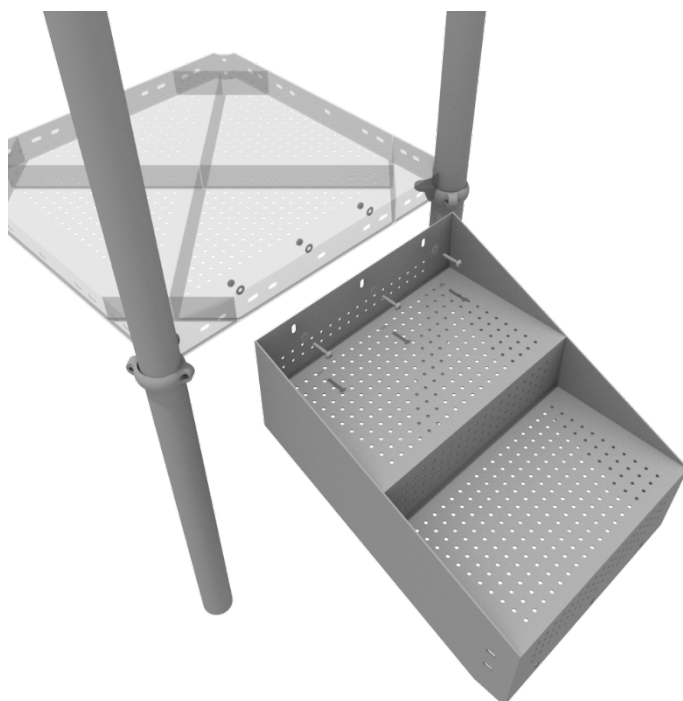
STEP: 1

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

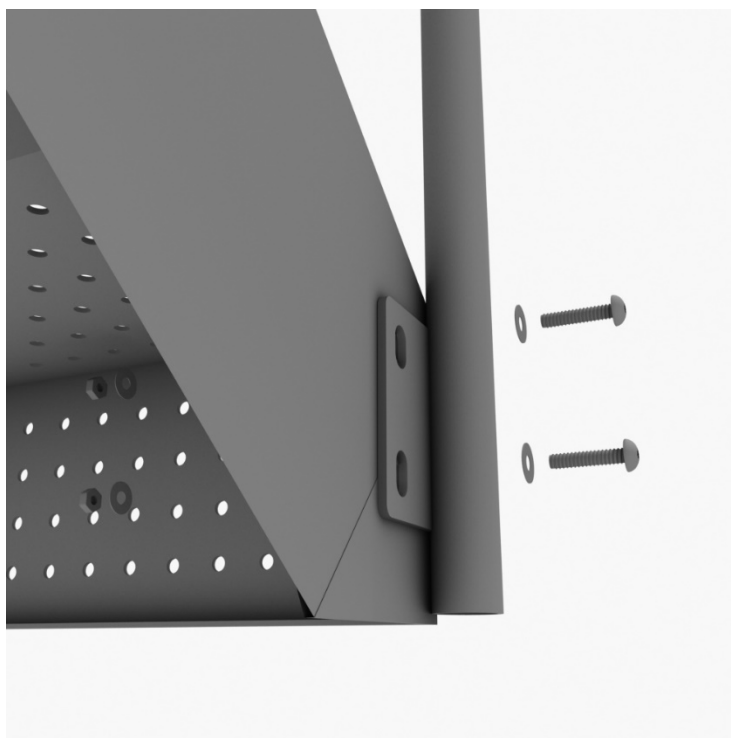
Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the top of the stairs to the square deck.



36" Transfer Station (for 3.5" post) Install

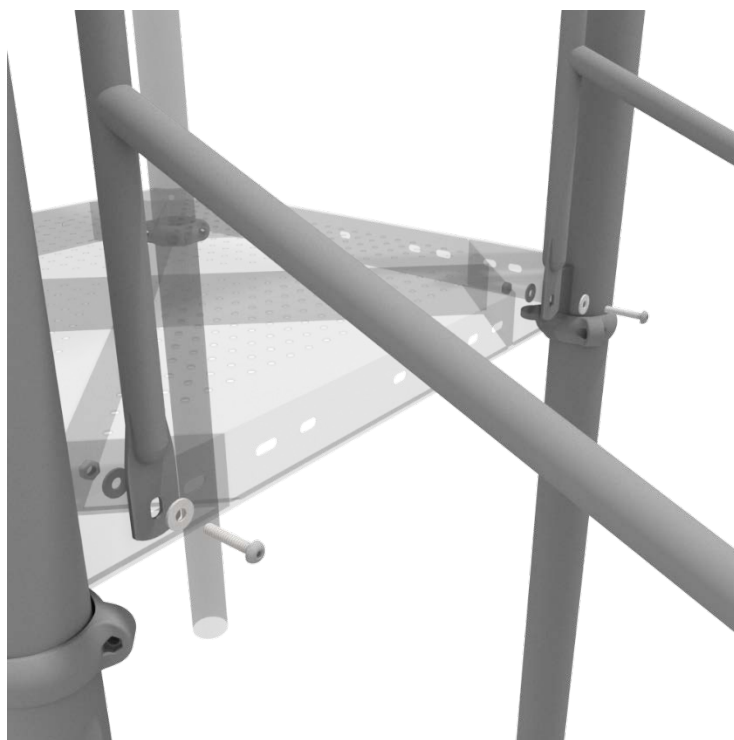
STEP: 3

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

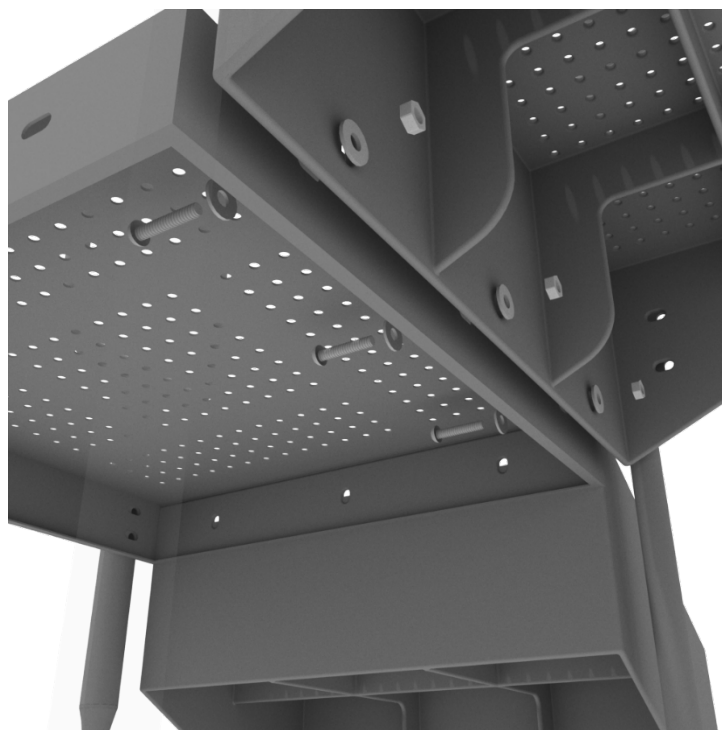
Using two (2) M10*25 bolts, four (4) M10 washers, two (2) lock nuts, attach the handrail to the square deck.



36" Transfer Station (for 3.5" post) Install

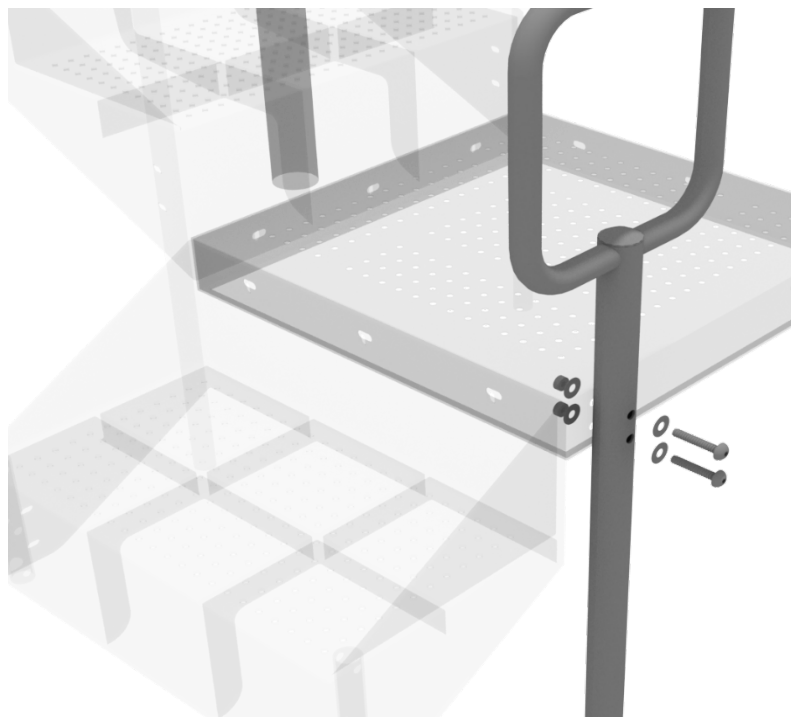
STEP: 5

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

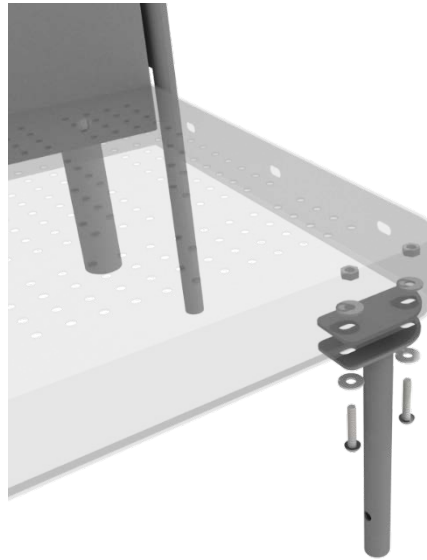
See general installation guide regarding footing information for the transfer deck handrail & mount. Using two (2) M10*65 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the transfer handrail to the ADA transfer deck.



36" Transfer Station (for 3.5" post) Install

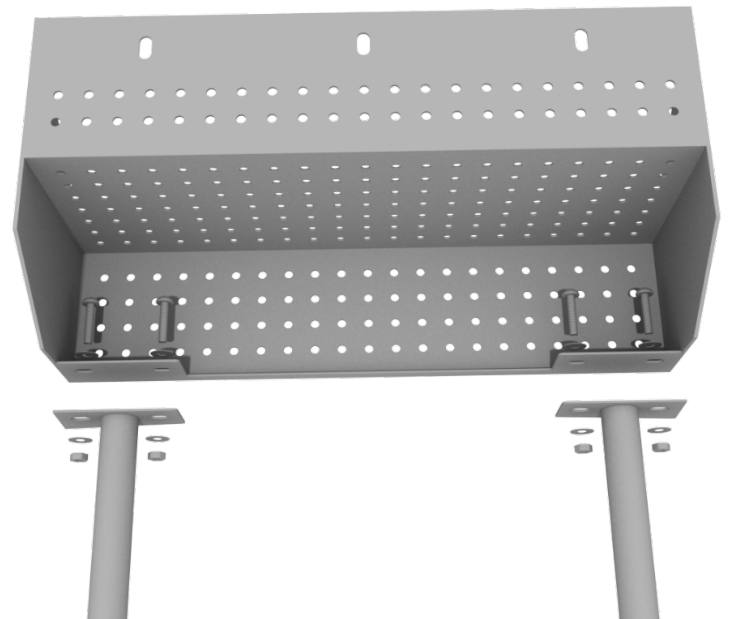
STEP: 7

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

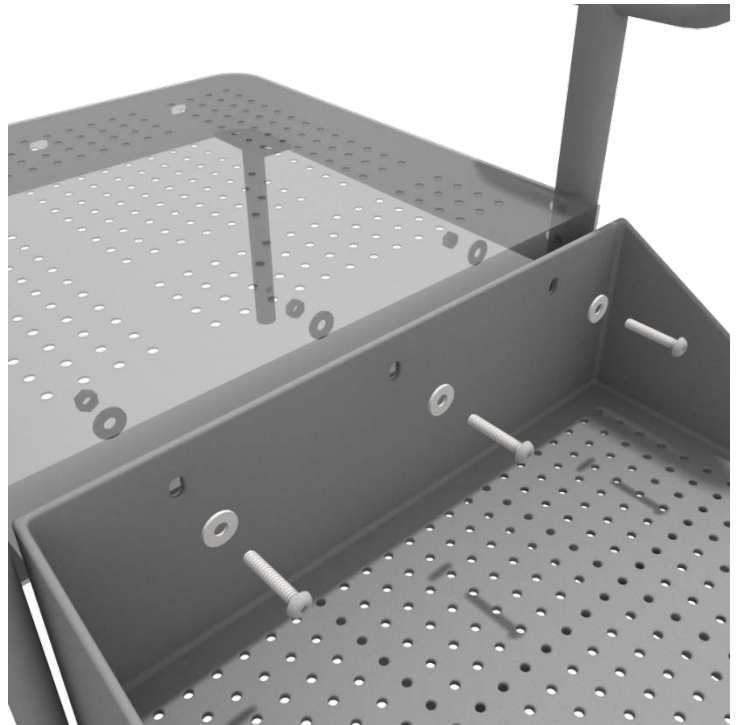
See general installation guide regarding footing information for the ADA transfer step mount. Using two (2) M10 bolts, four (4) M10 washers, and two (2) M10 lock nuts, attach the transfer step to each ADA transfer step mount.



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.



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.



Triangle Deck Installation

STEP: 1

After the posts are in place, using three (3) M10*35 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the triangle deck to each pre-attached deck clamp as shown in the image.

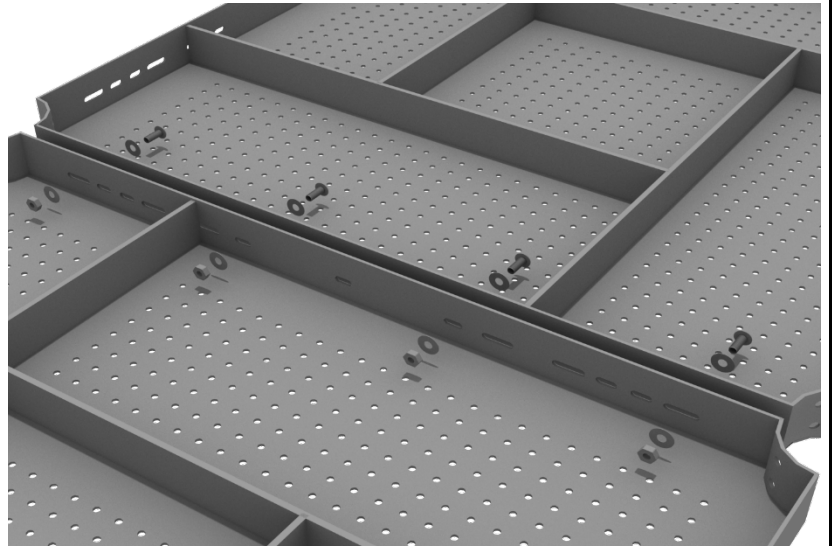
Deck clamps are pre-attached to the posts and should not be altered in any way.



Square Deck Connect to Square Deck

STEP: 1

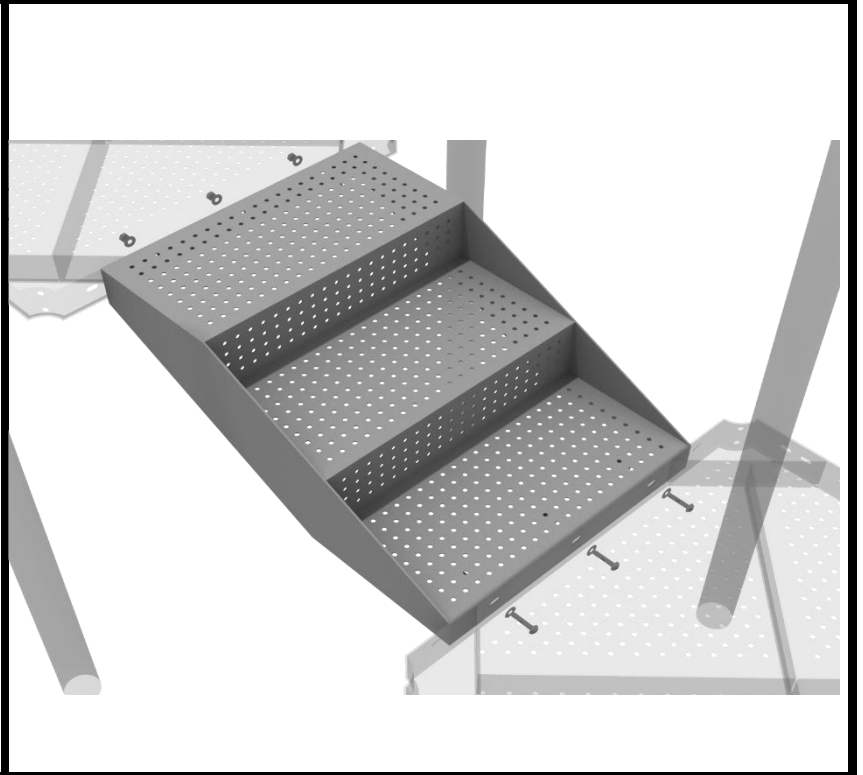
When installing decks that are adjacent to one another at the same height, they should be bolted together. On the underside of the deck, install using four (4) M10*25 Bolts, eight (8) M10 Washers, and four (4) M10 Lock Nuts. Repeat this process for every set of adjacent decks.



1-Foot Middle Stair Installation

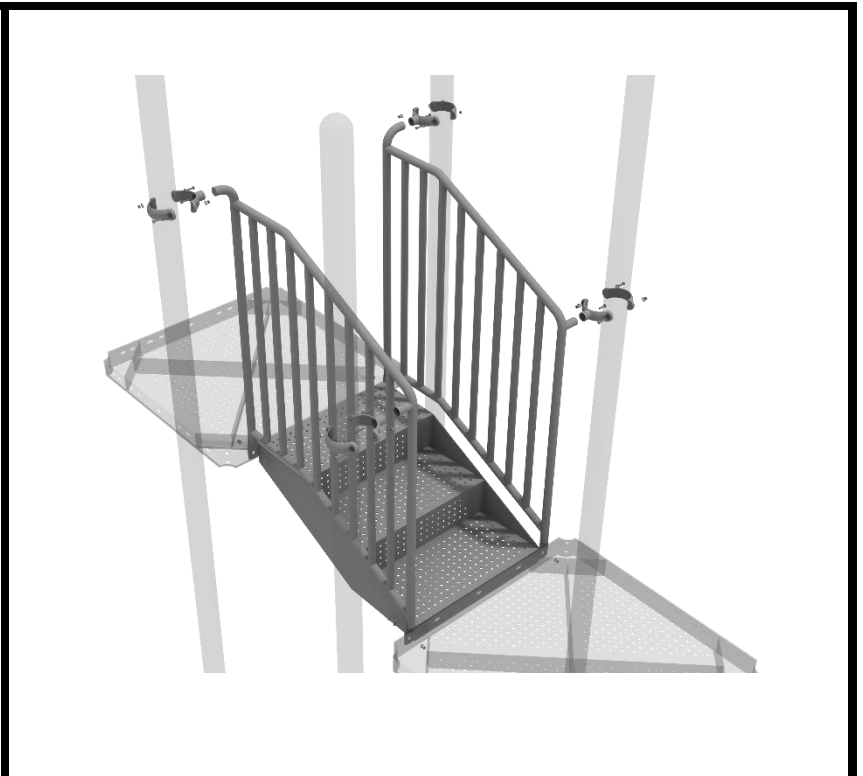
STEP: 1

Using eight (6) M10*25 bolts, twelve (12) M10 washers, and six (6) M10 lock nuts, attach the 12-inch middle stair to the assigned decks.



STEP: 2

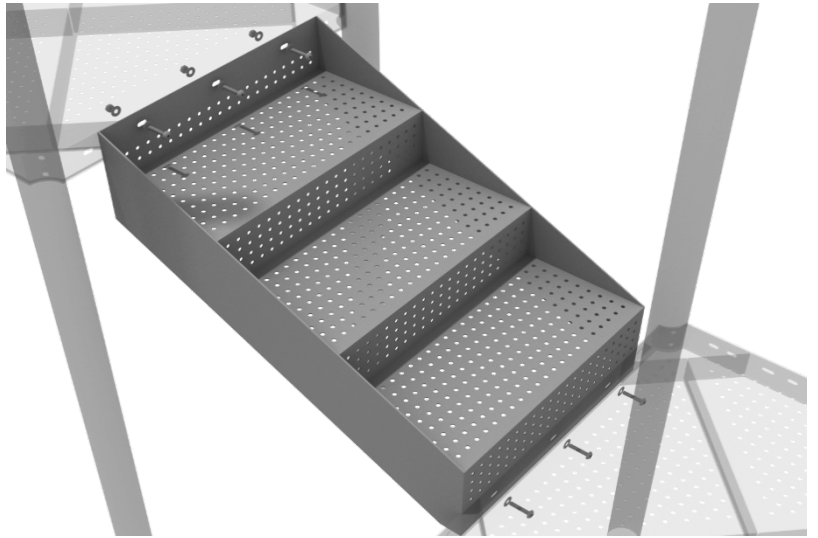
Then, once the stair is in place, attach the 12-inch connection handrail to the posts using four (4) 3.5-inch tube clamps, and four (4) M8*30 bolts. Then, attach the bottom of the handrails to the decks using one (1) M10*25 bolt, two (2) M10 washers, and one (1) M10 lock nut for each attachment point.



3.5-Inch 2-foot Middle Stair Installation

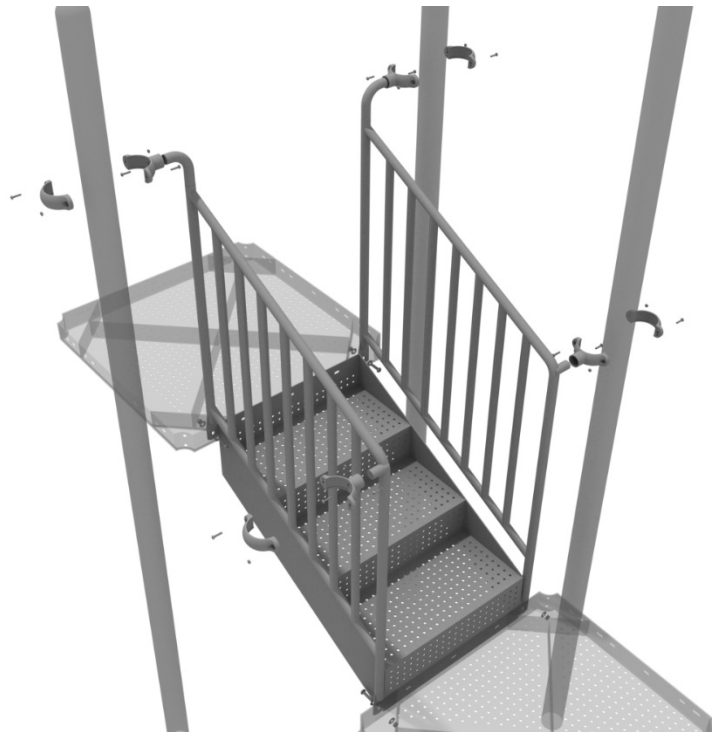
STEP: 1

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.



Created By: Derick H
Date: 10/26/2020

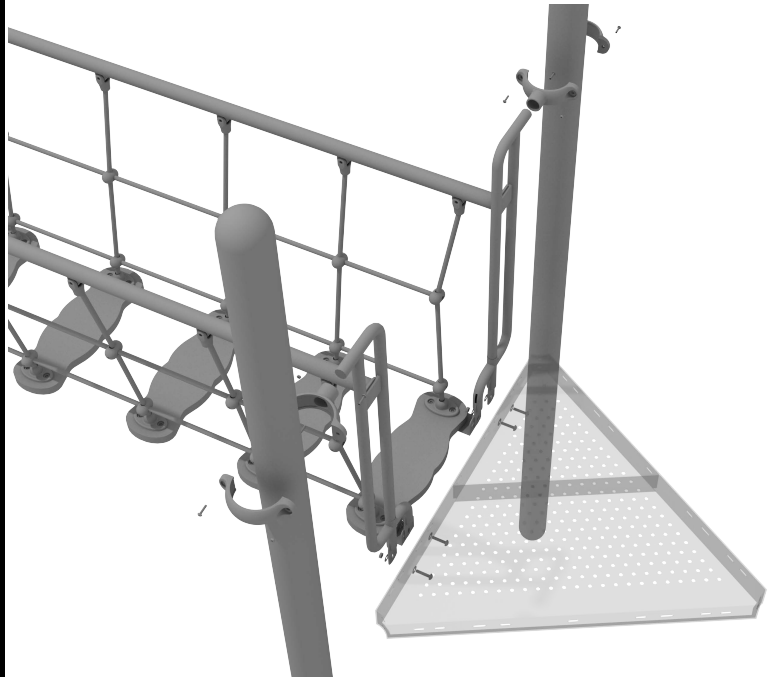
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Wiggle Bridge Installation

STEP: 1

Attach each rail of the wiggle bridge to the designated posts using one (1) tube clamp and one (1) M8*30 Bolt.

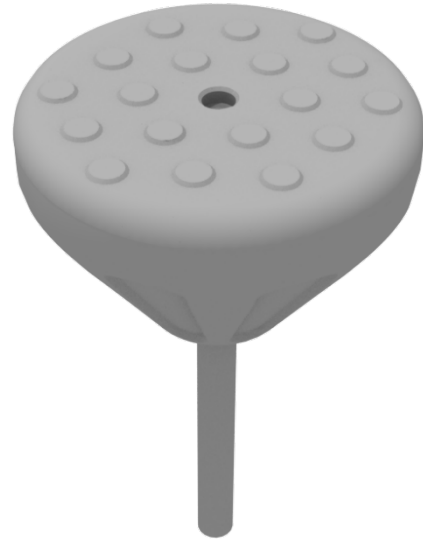
Then, attach the bottom of the wiggle bridge rail to the deck using two (2) M10*25 Bolt, four (4) M10 Washers, and two (2) M10 Lock Nut.



Pebble Climber Installation

STEP: 1

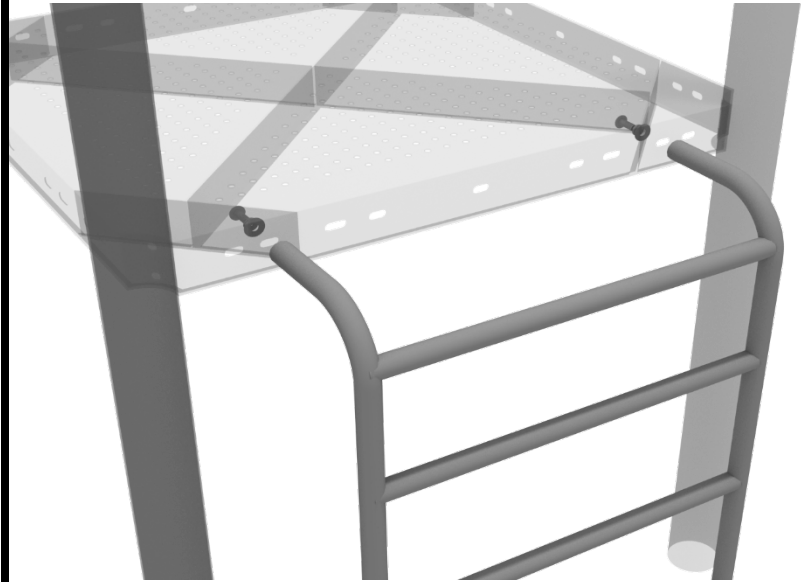
See general installation guide
regarding footing information.
Pebble climber requires a 12" x 18"
footing.



4-foot Vertical Ladder Installation

STEP: 1

See general installation guide regarding footing information for the 3-foot Vertical Ladder. Attach the ladder to the deck using two (2) M10*25 bolts, two (2) M10 spring washers, and two (2) M10 washers.



Fireman's Pole Installation

STEP: 1

See general installation guide regarding footing information climbers. Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the fireman's pole to the square deck.

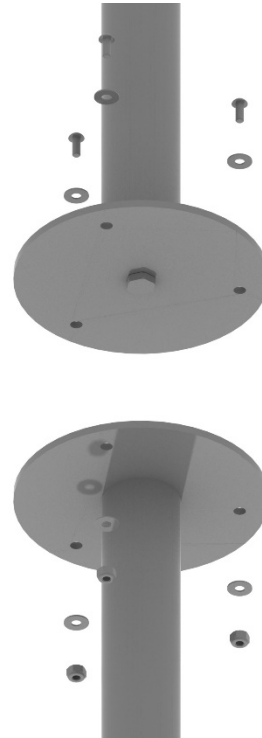


Pod Climber Installation

STEP: 1

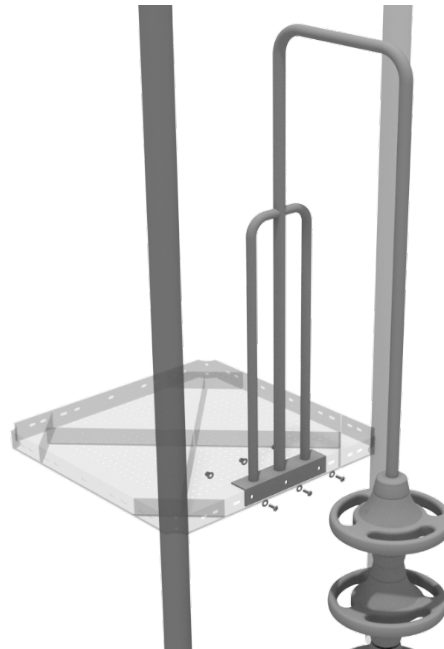
See general installation guide regarding footing information for the pod climber. Attach the circle end mount to the bottom of the climber using the pre-attached hardware.

Each attachment uses three (3) M10*25 bolts, three (3) M10 spring gaskets, and one (3) M10 large gaskets.



STEP: 2

Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the pod climber to the deck.



Created By: D. Hancock

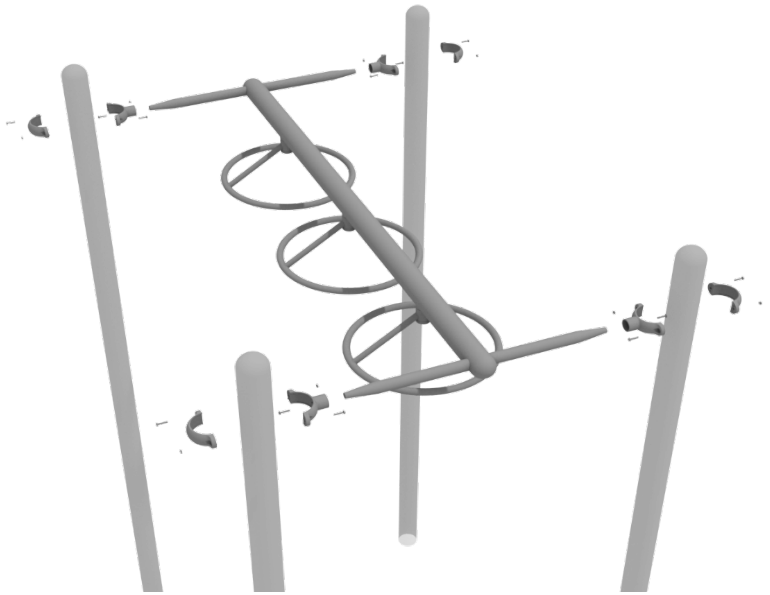
Date: 12/09/2022

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Three Wheel Overhead Ladder Installation

STEP: 1

Attach the Overhead Ladder to the designated posts by connect half of the tube clamp to the ladder using one (1) M8*30 bolt. Repeat this process for each attachment point. Set the ladder into place, then attach the second half of the clamp around the post.

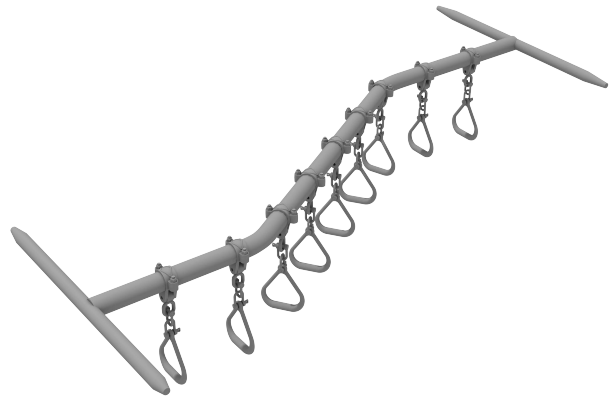


Created By: Aaron Price
Date: 06/02/2018

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Overhead Zig Zag Swinging Ring Ladder Installation

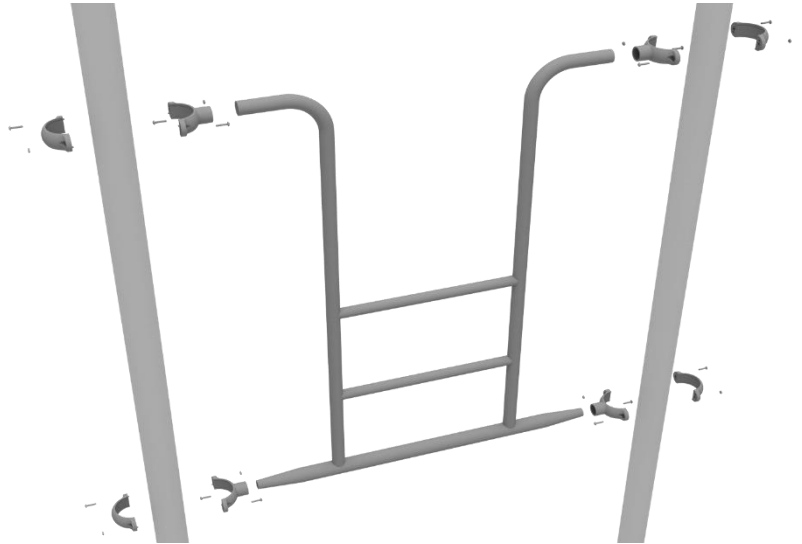
Attach the Overhead Zig Zag Swinging Ring Ladder to the designated posts by connect half of the tube clamp to the ladder using one (1) M8*30 bolt. Repeat this process for each attachment point. Set the climber into place, then attach the second half of the clamp around the post.



Overhead Access Ladder Installation

STEP: 1

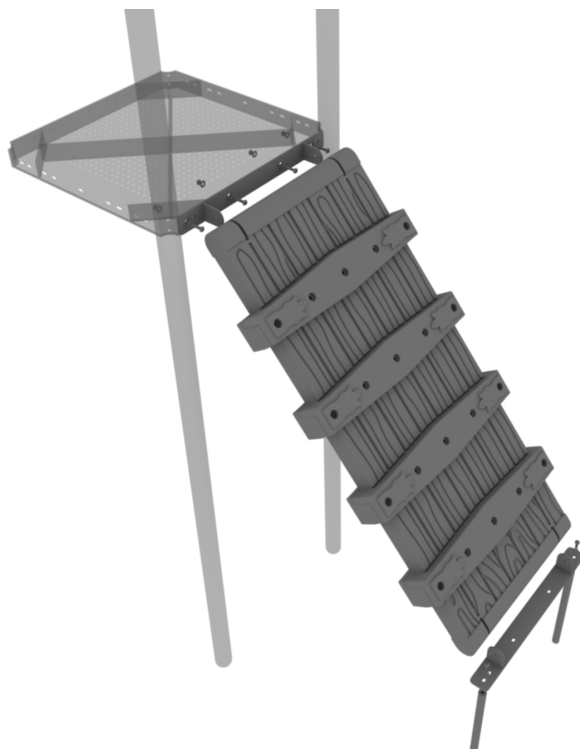
Attach the Overhead Access Ladder to the designated posts by connect half of the tube clamp to the ladder using one (1) M8*30 bolt. Repeat this process for each attachment point. Set the ladder into place, then attach the second half of the clamp around the post.



3.5-Inch Draw Bridge Climber Installation

STEP: 1

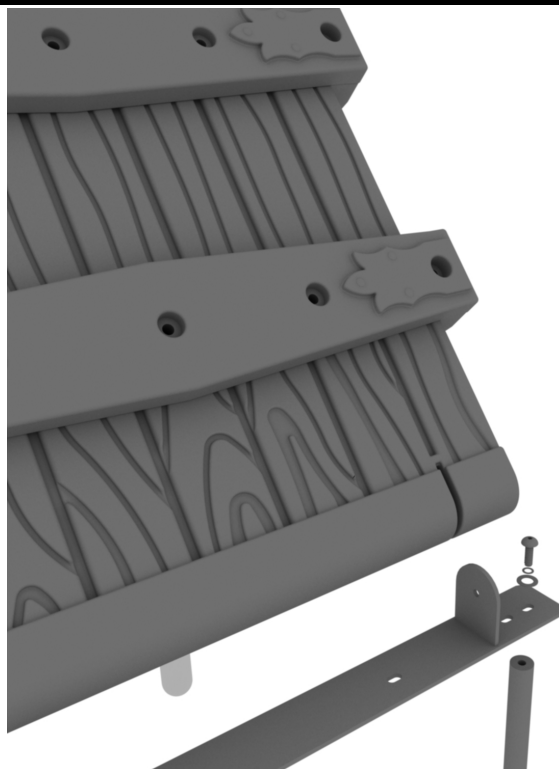
Detach both of the brackets and the provided hardware on each end of the climber.



STEP: 2

Attach the provided support mounts to the top and bottom of the climber using the provided hardware.

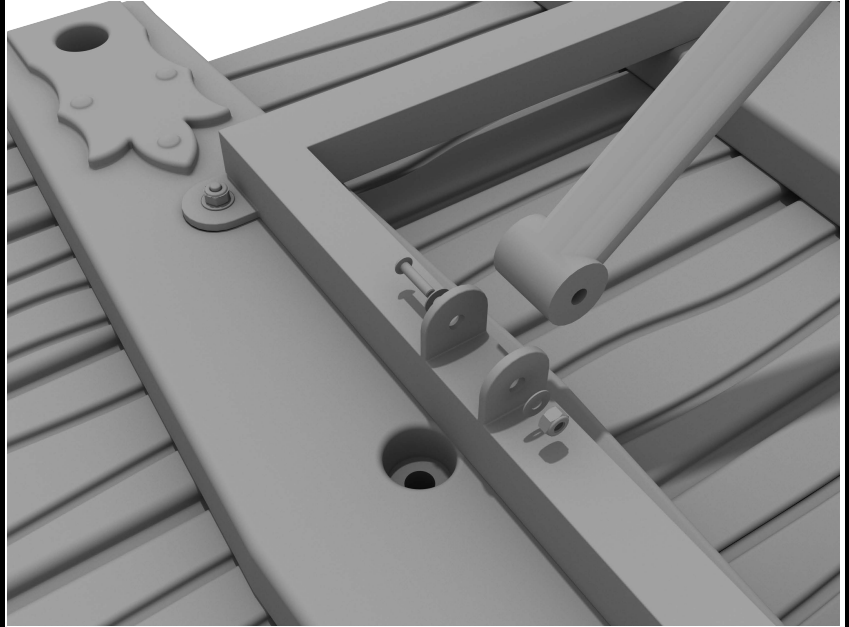
Reference the general installation guide regarding footing information.



3.5-Inch Draw Bridge Climber Installation

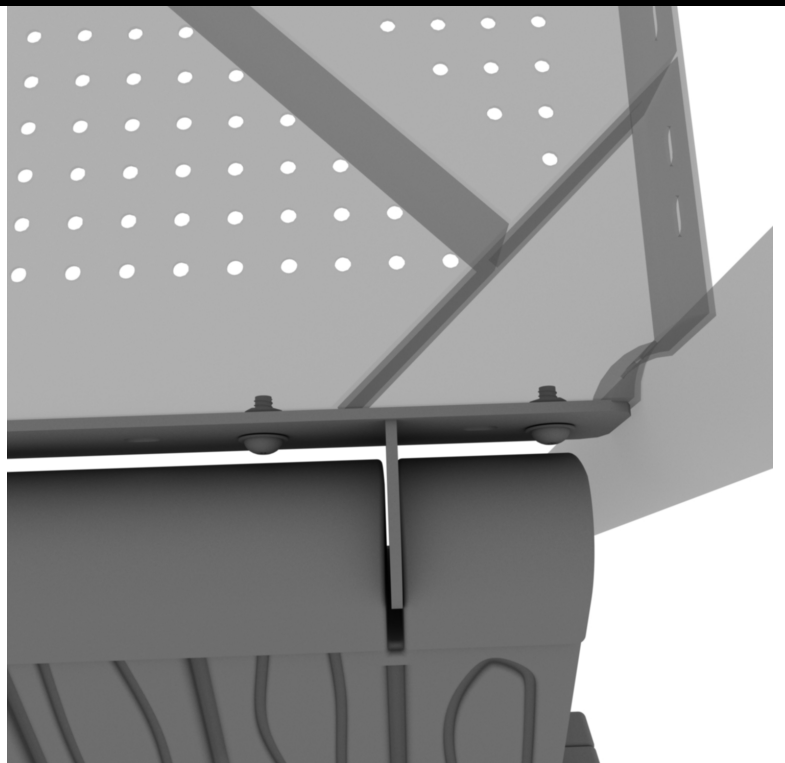
STEP: 3

Mount the Support Leg to the underside of the climber's frame with the provided hardware. Repeat this step for all supplied Support Legs.



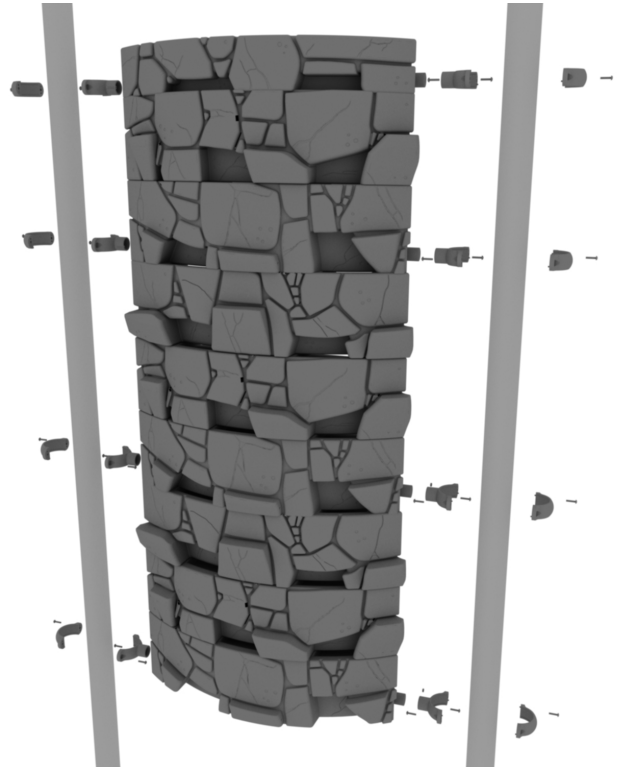
STEP: 4

Attach the climbers mounted bracket to the deck with the provided hardware.



Castle Rock Wall Climber Panel Installation

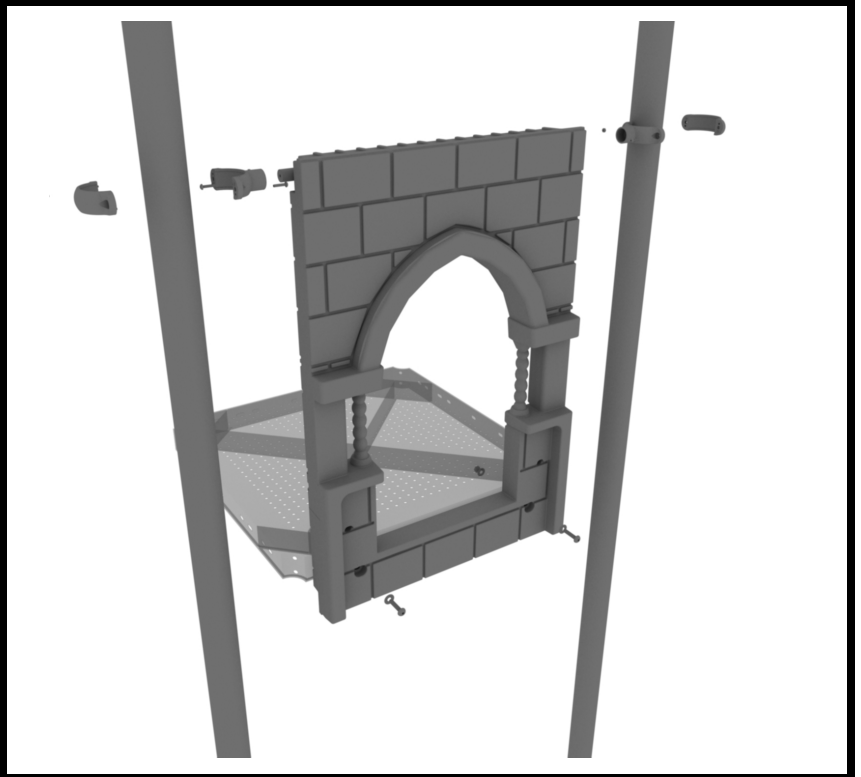
Attach the Castle Rock Wall Climbing Panel to the appropriate posts with 3.5-Inch tube clamps using the provided hardware.



3.5-Inch 3-Foot Single Straight Slide Installation

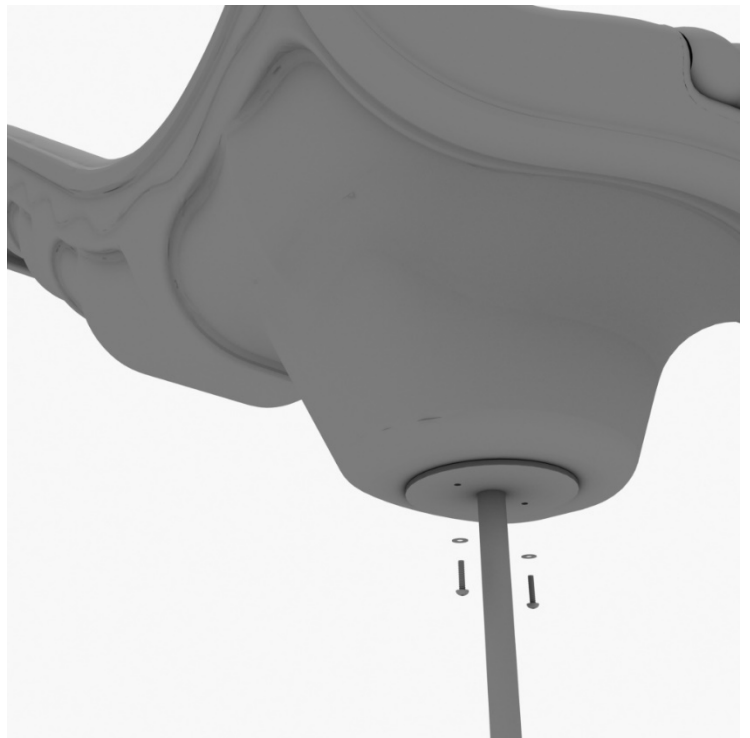
STEP: 1

Take one (1) 3.5-Inch tube 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 for each connection point. Leave bolts loose until slide is in place.



STEP: 2

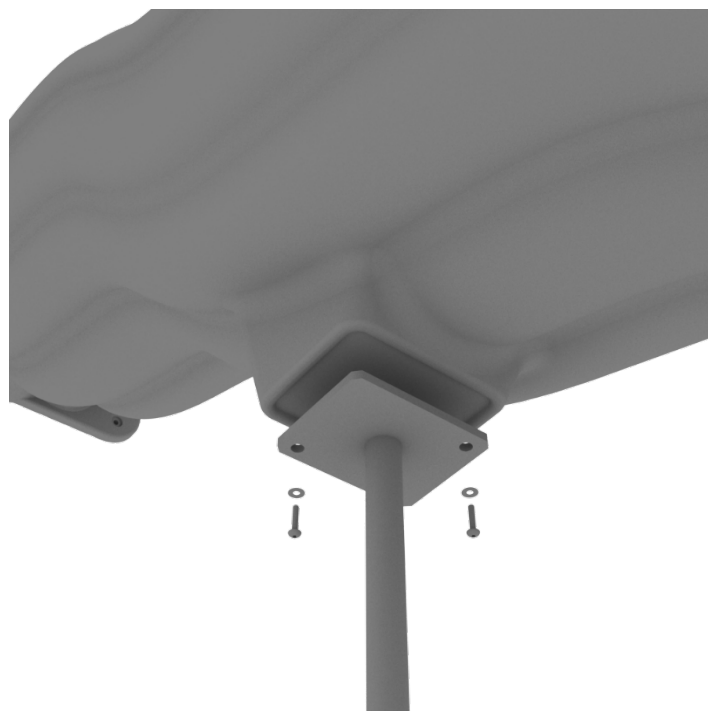
See general installation guide regarding footing information for the slide end mount. Using two (2) M8*20, two (M8) spring washers. And two (2) M8 washers, attach the slide to the slide support post.



3.5-Inch 3-Foot Single Straight Slide Installation

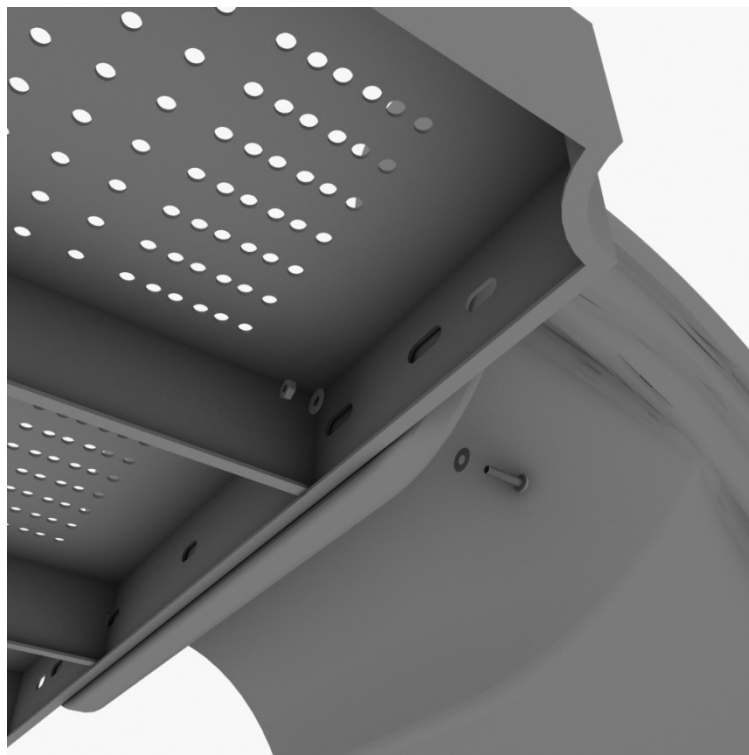
STEP: 3

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.



3.5-Inch 3-Foot Single Straight Slide Installation



STEP: 5

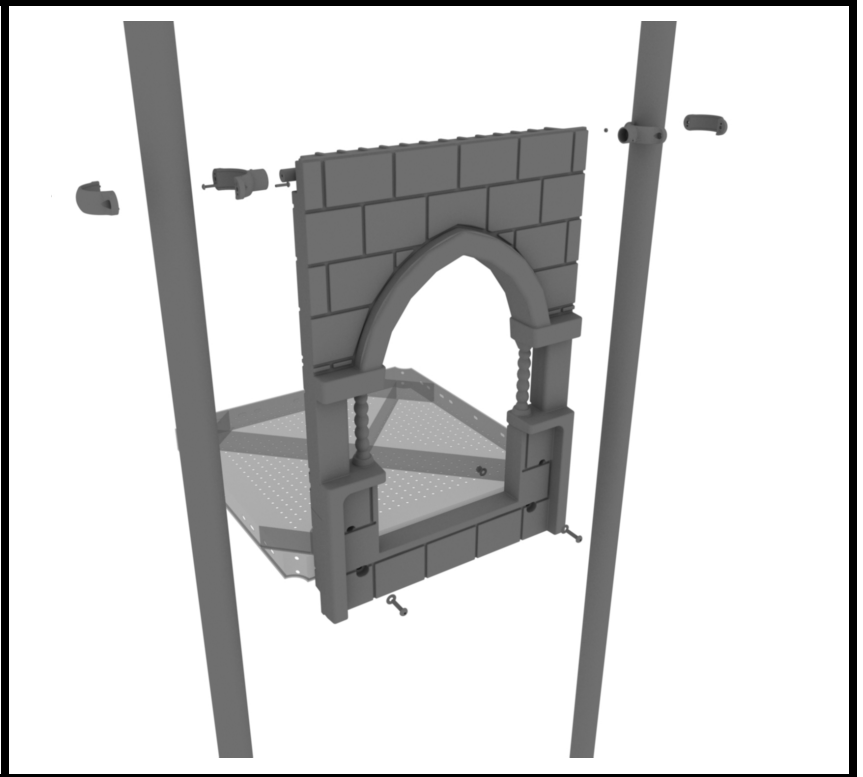
Using two (2) M8*45 bolts, two (2) M8 washer, two (2) M12 washers, and one (1) M12 inner hex spiral nut, attach the slide to the slide hood. Repeat this process for the other side of the slide.



3.5-Inch 4-Foot Single Wave Slide Installation

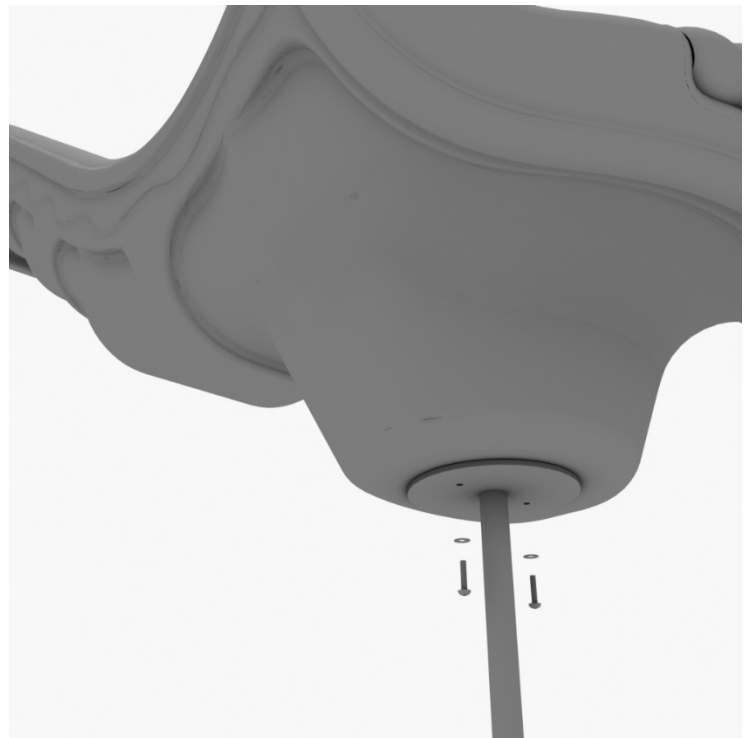
STEP: 1

Take one (1) 3.5-Inch tube 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 for each connection point. Leave bolts loose until slide is in place.



STEP: 2

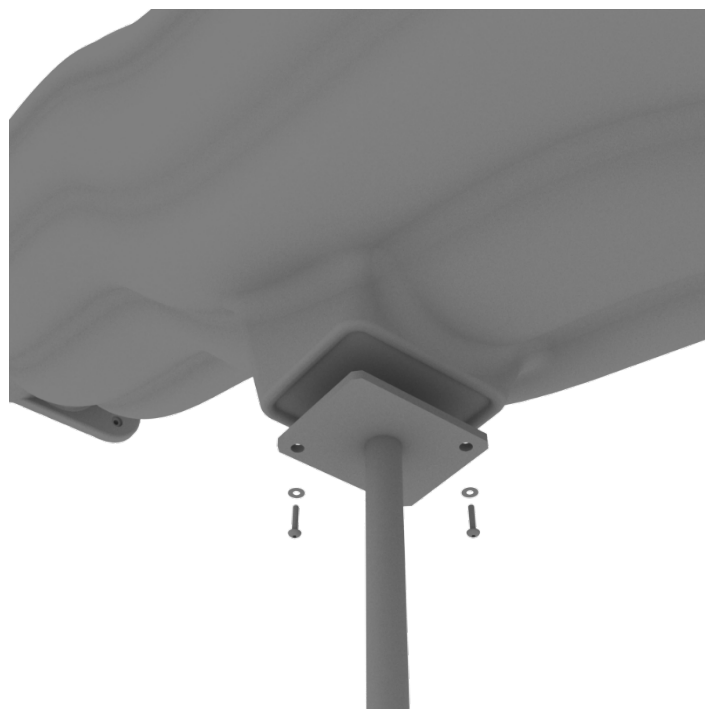
See general installation guide regarding footing information for the slide end mount. Using two (2) M8*20, two (M8) spring washers. And two (2) M8 washers, attach the slide to the slide support post.



3.5-Inch 5-foot Single Wave Slide Installation

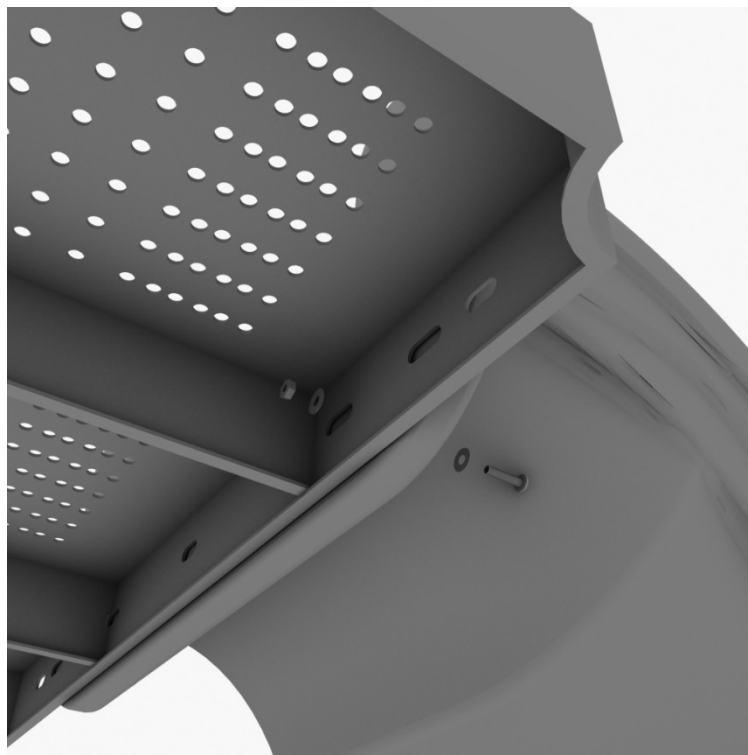
STEP: 3

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.



3.5-Inch 4-foot Single Wave Slide Installation

STEP: 5

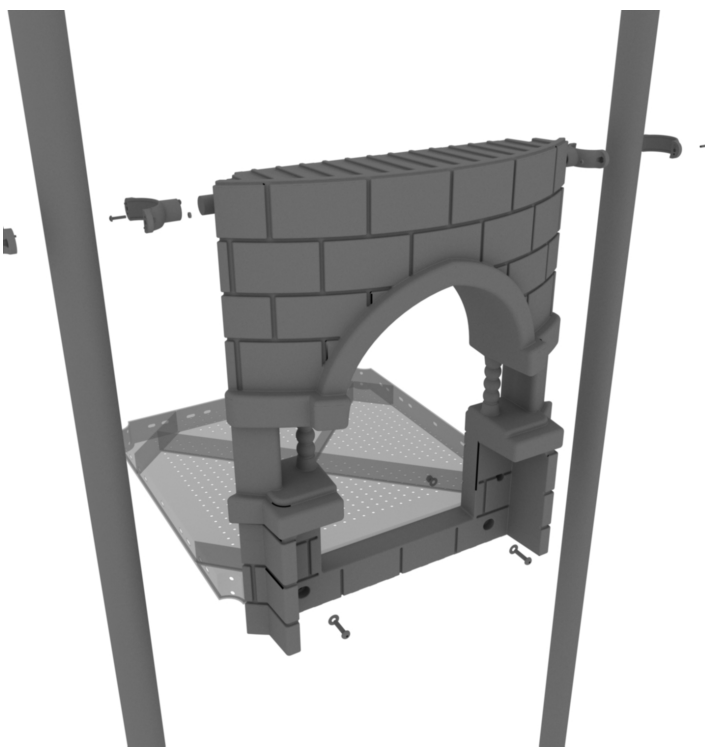
Using two (2) M8*45 bolts, two (2) M8 washer, two (2) M12 washers, and one (1) M12 inner hex spiral nut, attach the slide to the slide hood. Repeat this process for the other side of the slide.



3.5-Inch 6-Foot Sectional Left Turn Slide Installation

STEP: 1

Take one (1) 3.5-Inch tube 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 for each connection point. 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.



3.5-Inch 6-Foot Sectional Left Turn Slide Installation

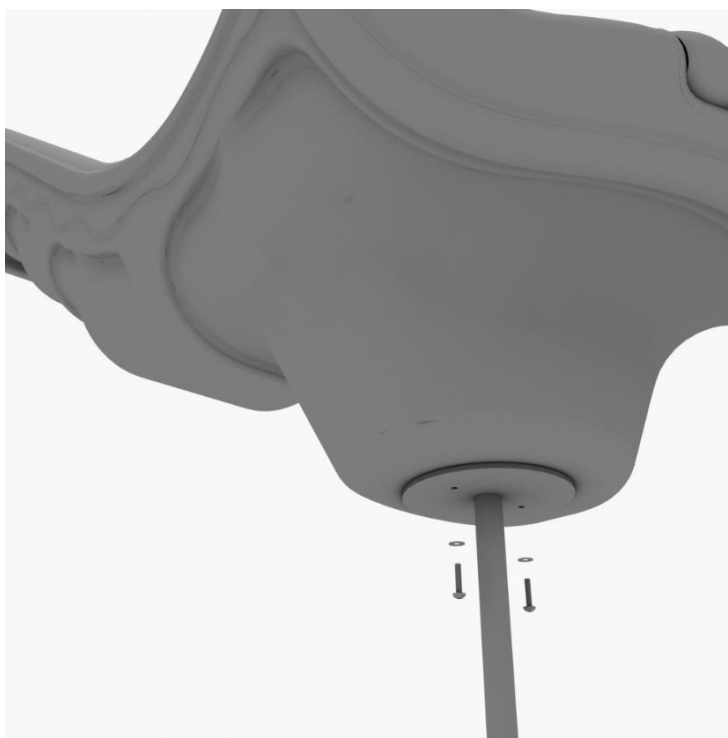
STEP: 3

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.



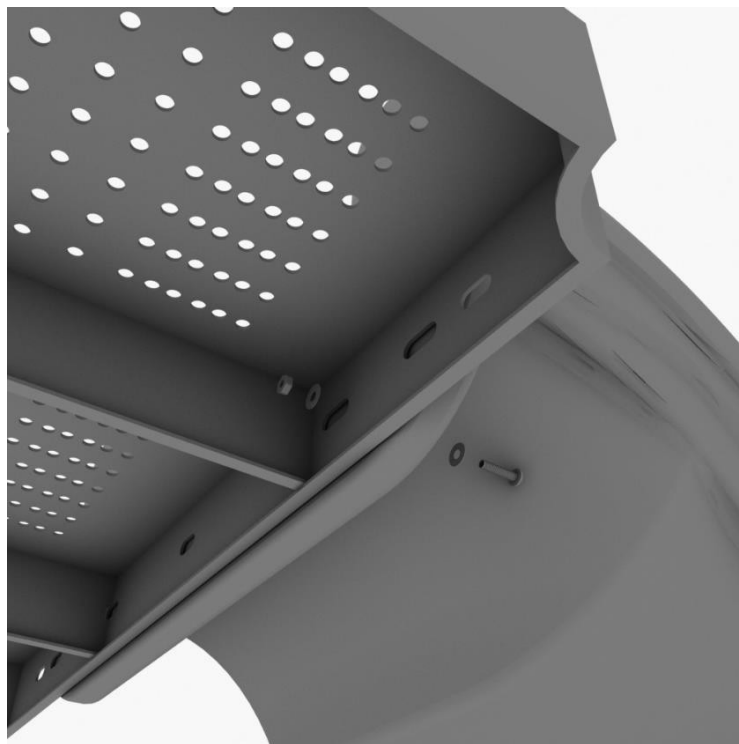
3.5-Inch 6-Foot Sectional Left Turn Slide

Installation

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.

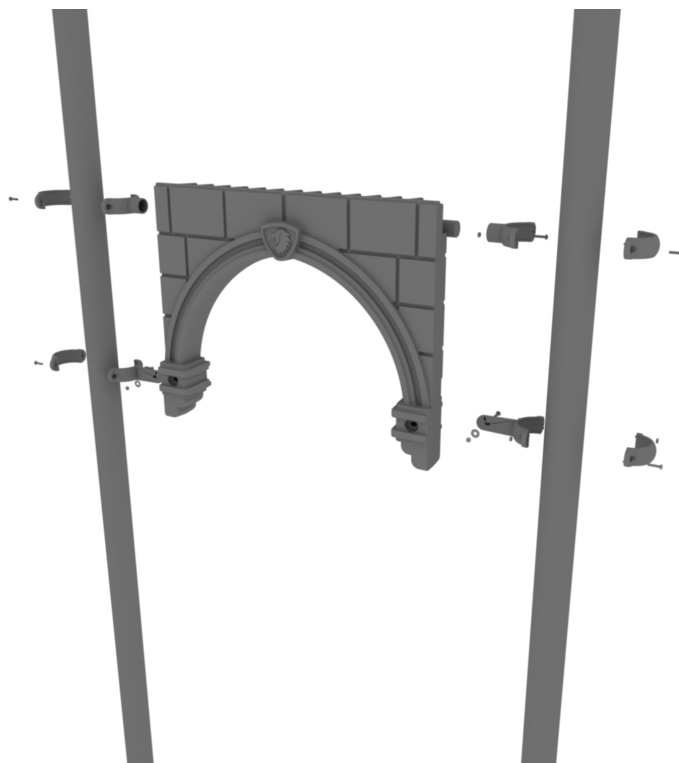


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Created By: Matt N
Date: 07/18/2022

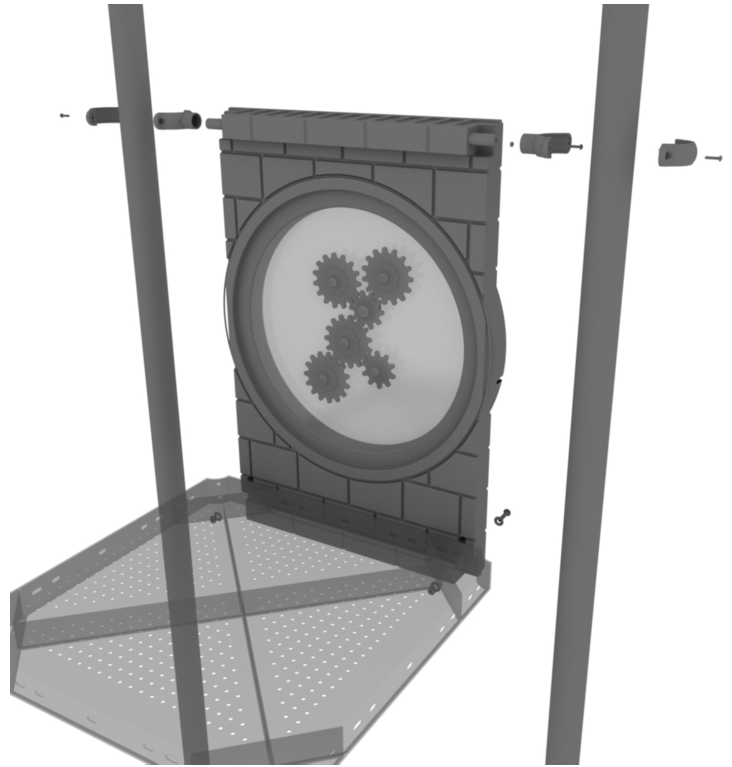
3.5-Inch Castle Arch Panel Installation

Attach the Roof Topper to the designated posts using two (2) tube clamps, two (2) flat clamps, and four (4) M4*25 Set Screws.



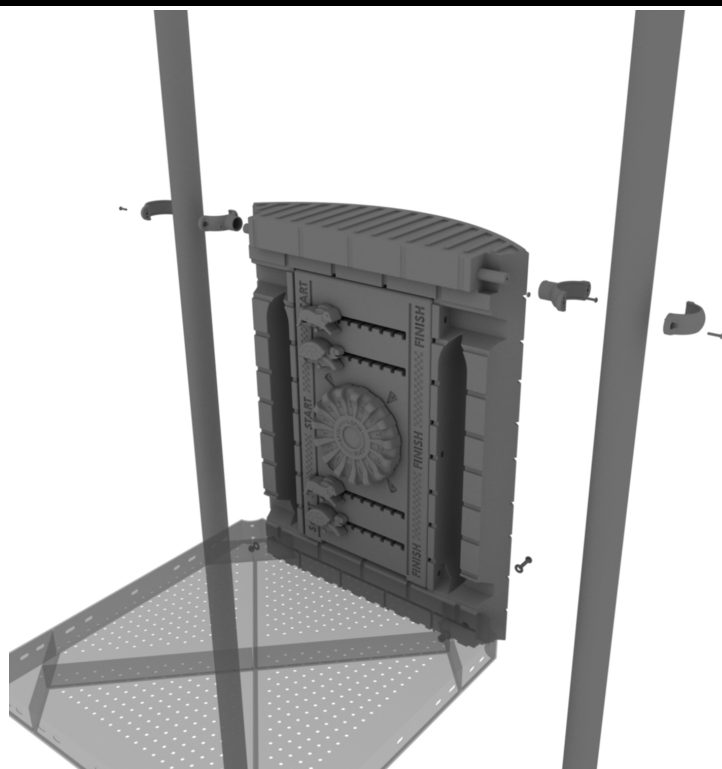
3.5-Inch Castle Gear Panel Installation

Attach the Plinko 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.



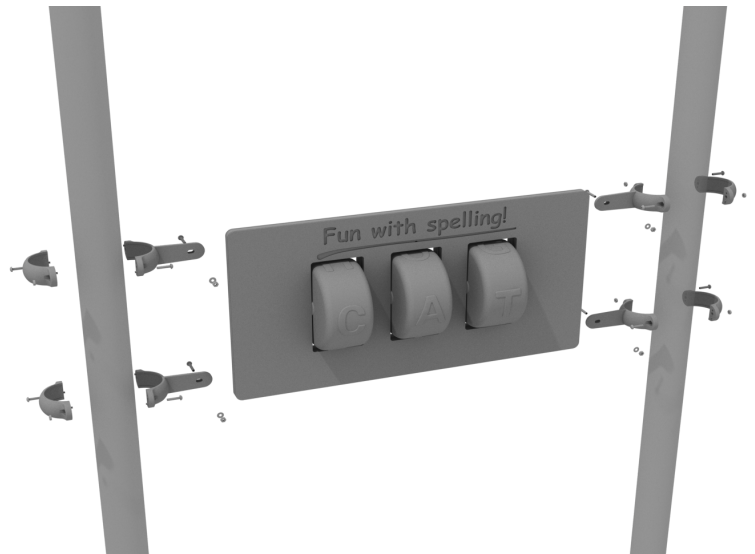
3.5-Inch Castle Hare and Tortoise Race Panel Installation

Attach the Hare and Tortoise Race 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.



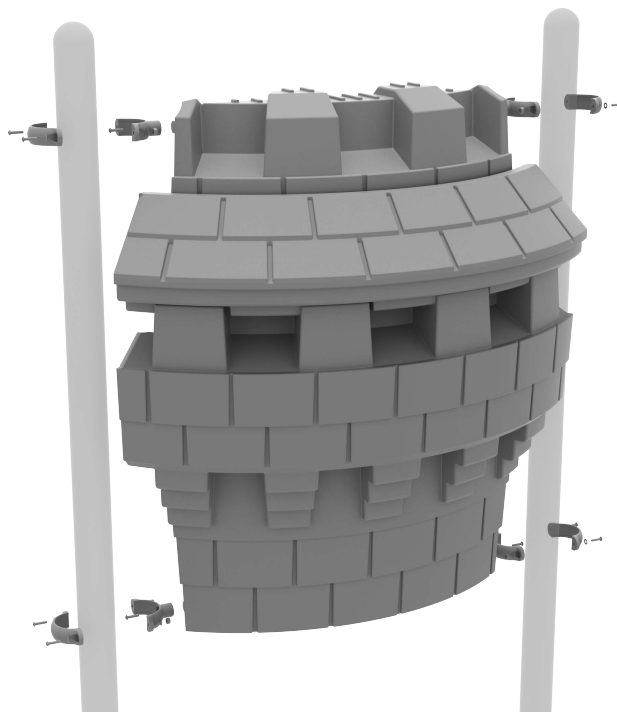
3.5 Half Spelling Panel Install

Using on-site tools, level and drill holes on the Half Spelling Panel to attach to designated post via four (4) flat clamps.



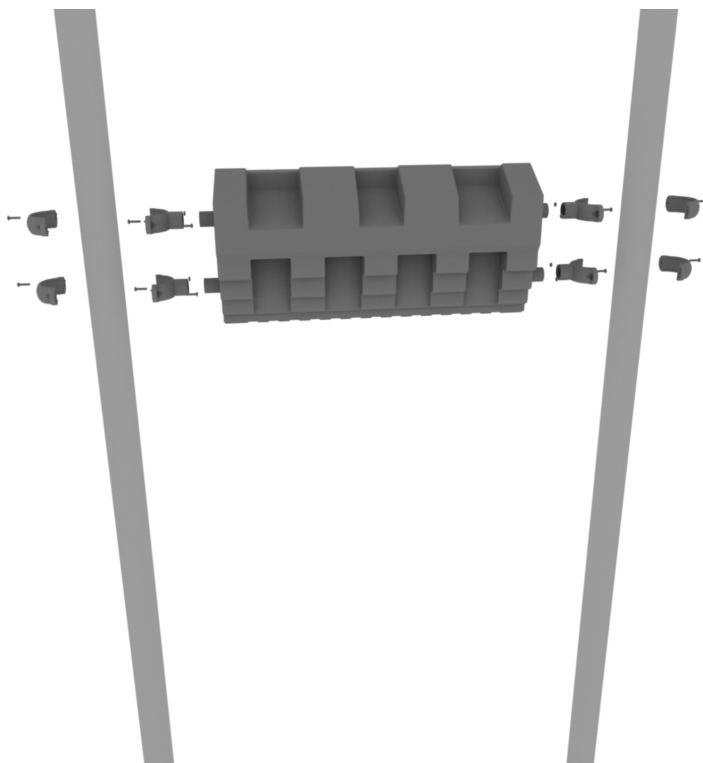
3.5-Inch Curved Castle Rampart Panel Installation

Connect the Curved Rampart Panel to the designated post using four (4) 3.5-inch tube clamps.



3.5-Inch Flat Castle Rampart Roof Panel Installation

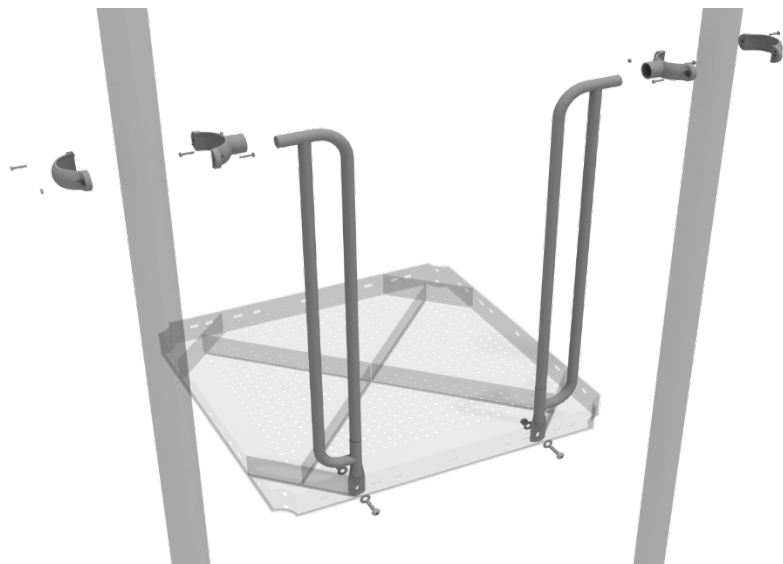
Attach the Roof Topper to the designated posts using four (4) tube clamps four (4) M4*25 Set Screws.



7-Rail Installation

STEP: 1

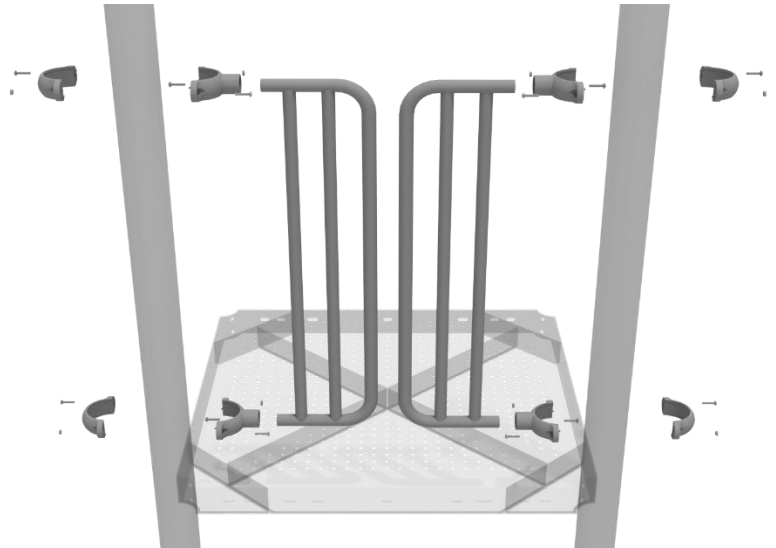
Attach each 7-Rail to the designated posts using one (1) tube clamp and one (1) M8*30 Bolt. Then, attach the bottom of the 7-Rail to the deck using one (1) M10*25 Bolt, two (2) M10 Washers, and one (1) M10 Lock Nut.



D-Rail Installation

STEP: 1

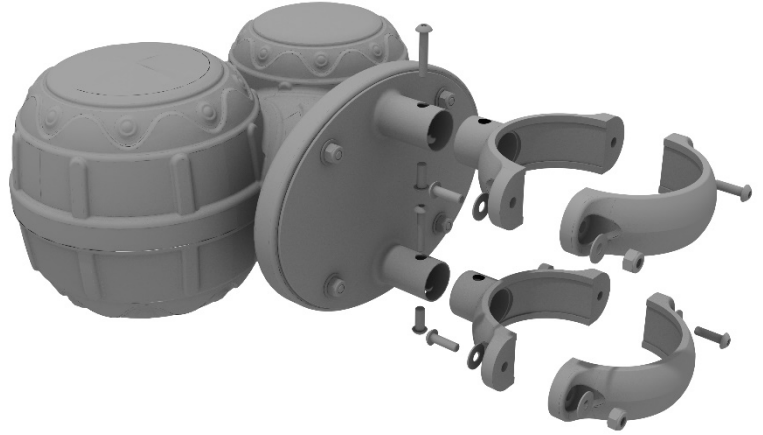
Take two (2) 3.5-inch tube clamps and connect half of the clamps both ends of the D-Rail using one (1) M8*30 bolt. Then, using the other half of the tube clamp and the hardware provided in the clamp hardware bag, attach the other half of the tube clamp around the post to the D-Rail. Repeat this process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



Bongos Installation

STEP: 1

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



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)

