

INSTALLATION INSTRUCTIONS

Installation Manual

Product-Specific Installation Reference

MODEL NUMBER

PKP311N; PKP311P

GUIDE LEVEL

Model-Specific

DOCUMENT STATUS

Customer Reference Copy



Helpful Installation Note

This guide is provided for information and planning purposes. Product designs and installation requirements may change over time. Before beginning installation, please review the instructions included with your product and confirm that you are using the most current product-specific instructions. If there is any difference, follow the current instructions supplied with the product.

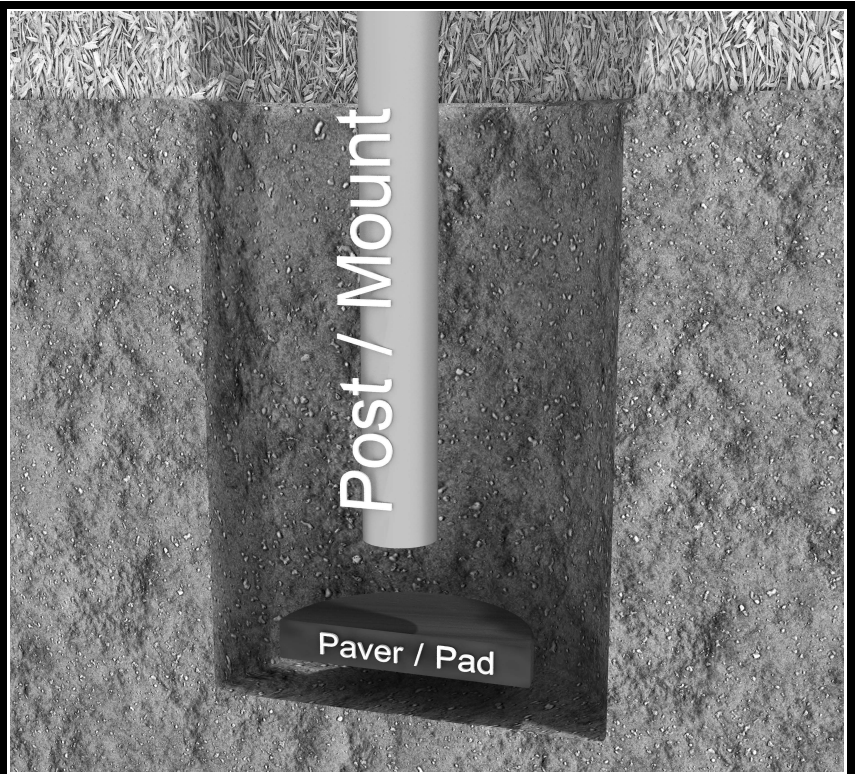
Need help confirming the correct guide? Contact Rubber Mulch Outlet.

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.



Date: 04/26/2018

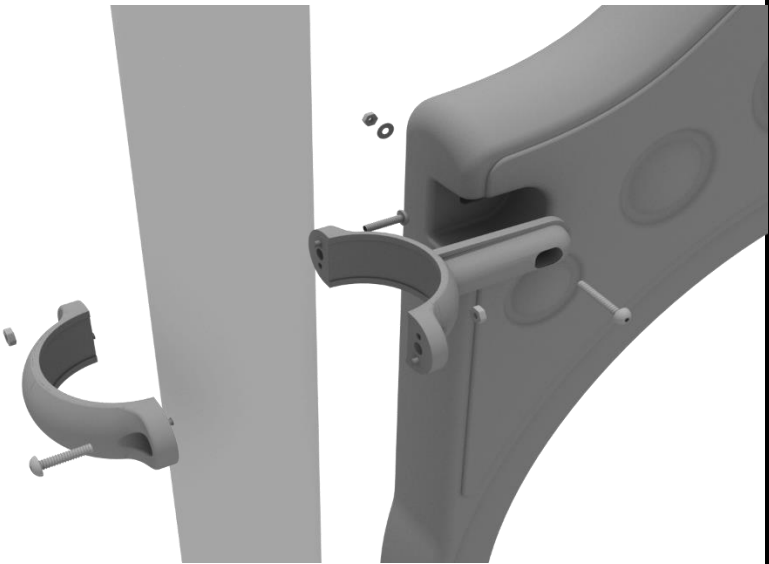
3.5-Inch Clamp Installation Examples

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.

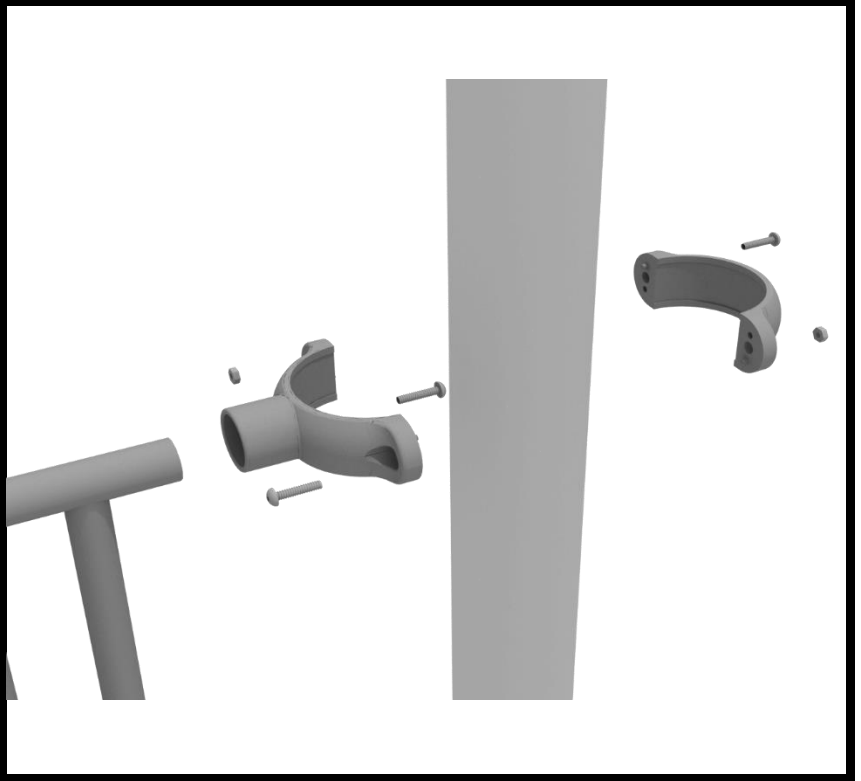


Date: 11/01/2018

3.5-Inch Clamp Installation Examples

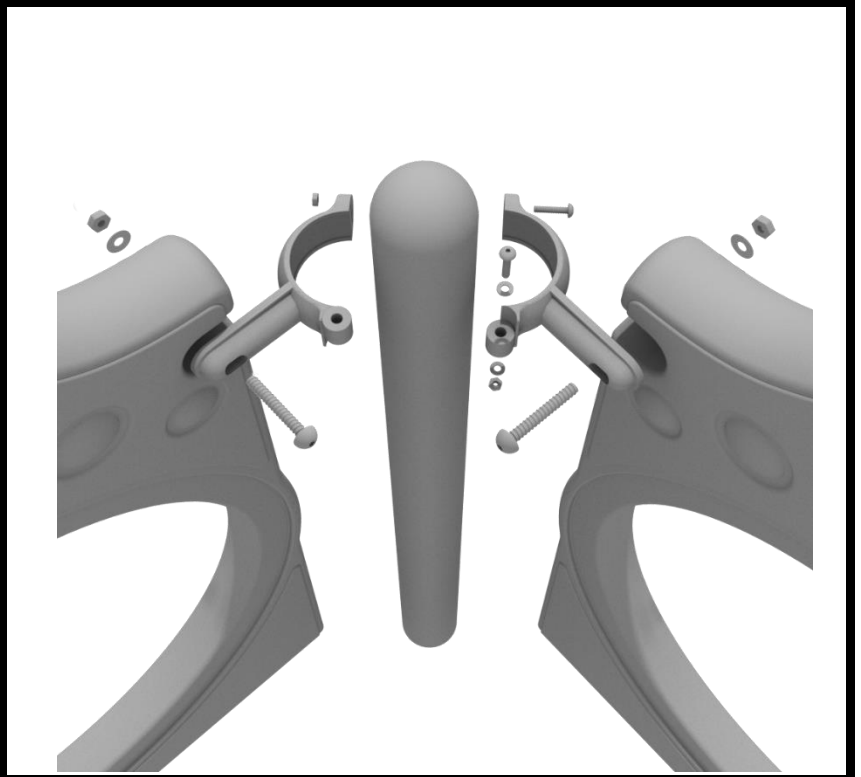
3.5-inch Tube Clamp Install Example

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.

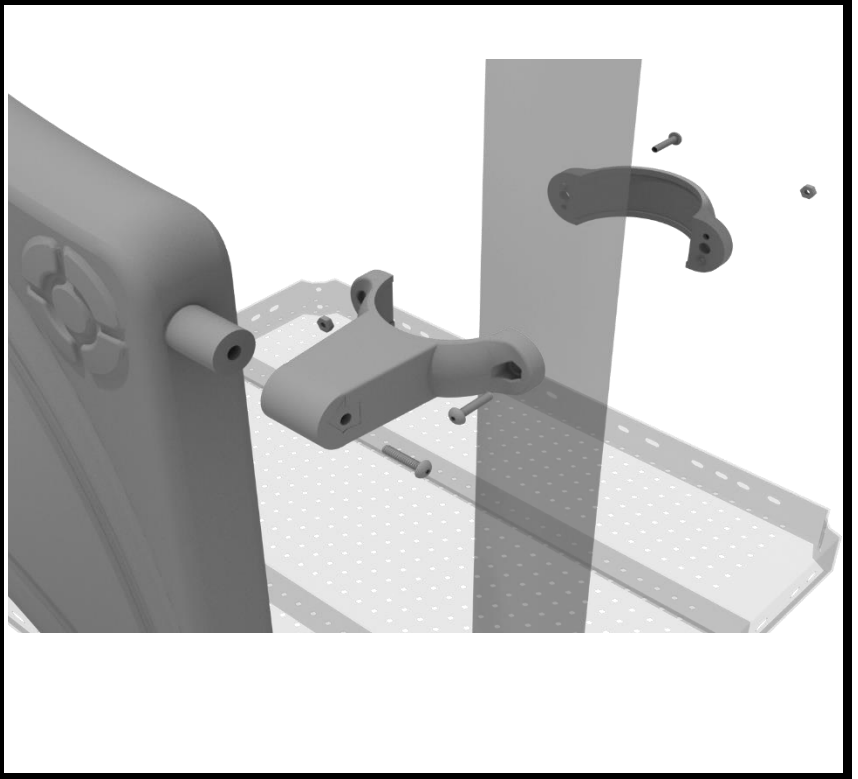


Date: 11/01/2018

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.

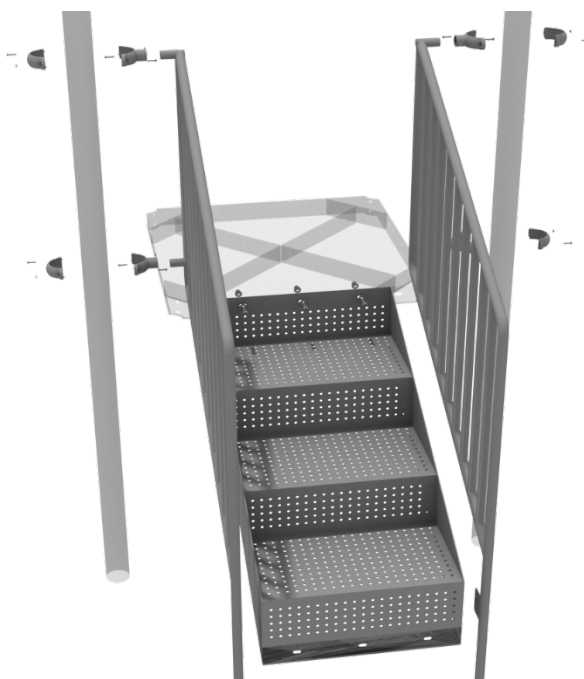


Date: 11/01/2018

48" Transfer Station (3.5" post) Installation

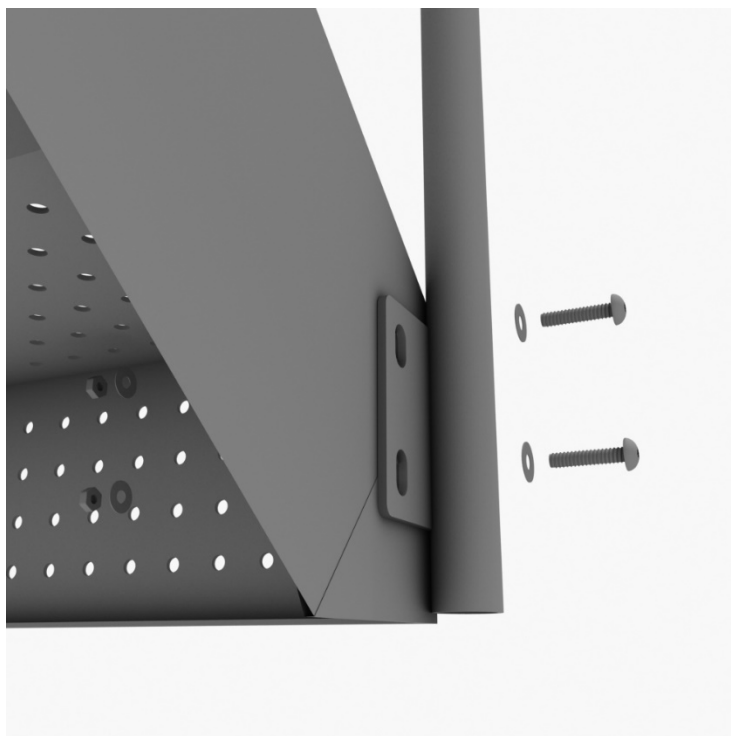
STEP: 1

Connect the 4-foot Transfer Handrails to the designated posts using four (4) tube clamps, and four (4) M8*30 bolts. Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the top of the stairs to the deck. See the general installation guide regarding footing information for the handrail and set them into the ground.



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 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.

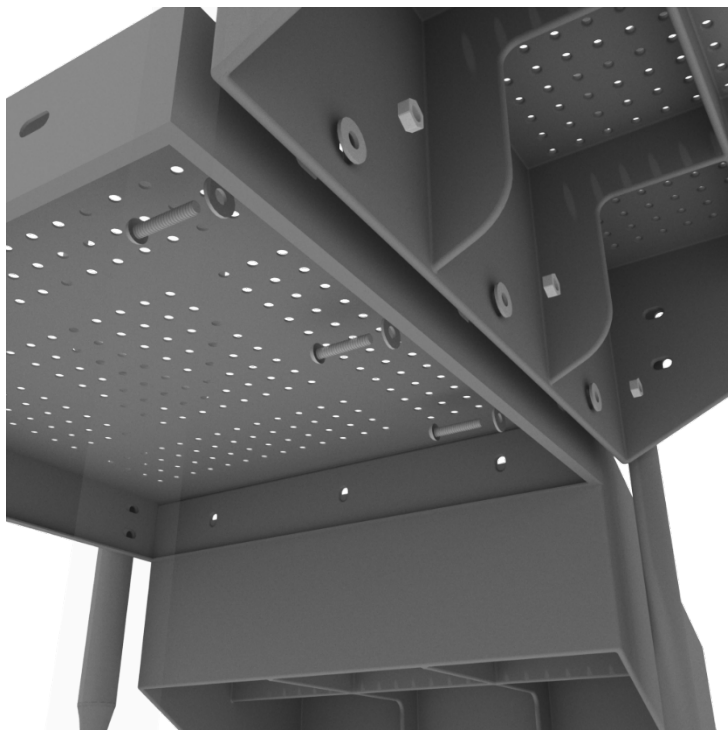


Date: 03/20/2018

4-foot Transfer Station Installation

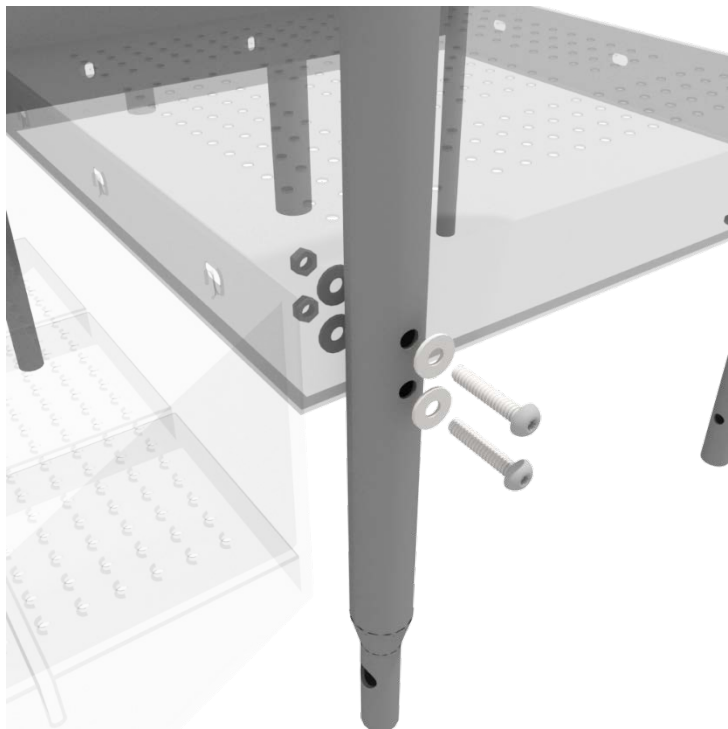
STEP: 3

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 & 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.

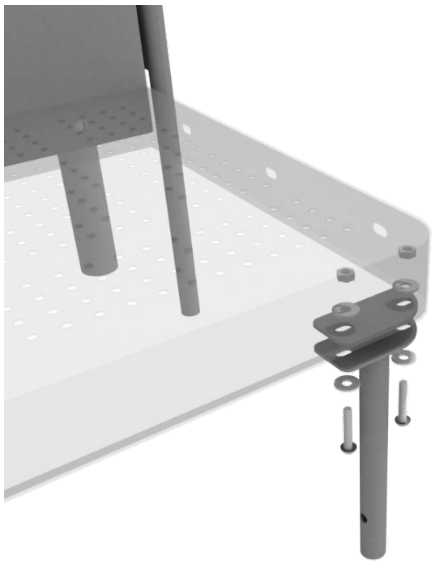


Date: 03/20/2018

4-foot Transfer Station Installation

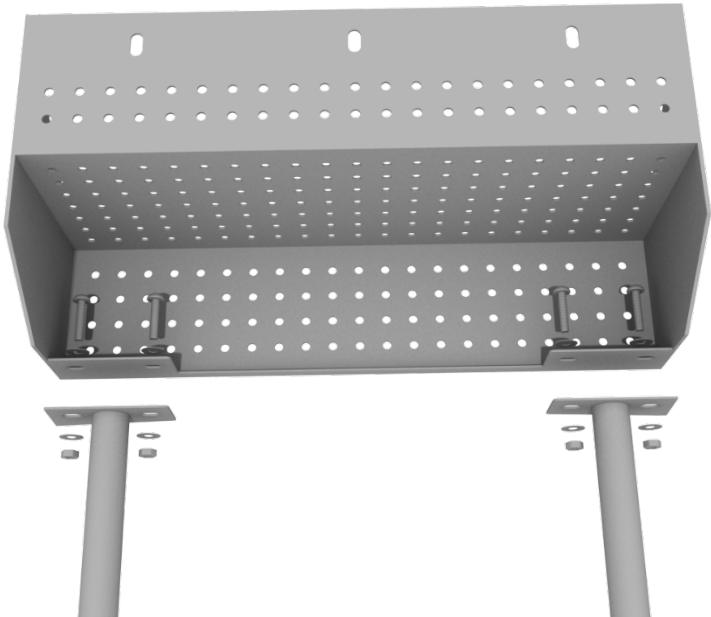
STEP: 5

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: 6

See general installation guide regarding footing information for the ADA transfer step mount. Using four (4) M10 bolts, eight (8) M10 washers, and four (4) M10 lock nuts, attach the transfer step to the ADA transfer step mount.

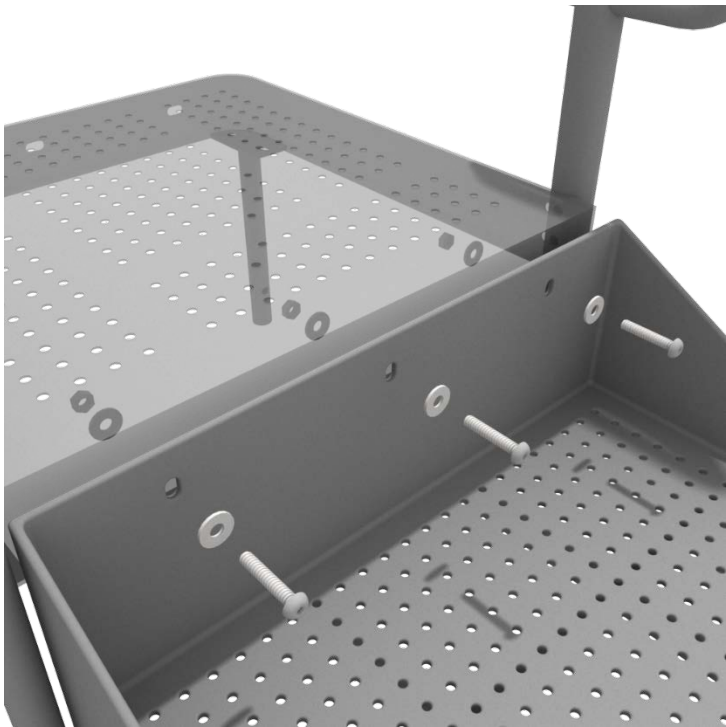


Date: 03/20/2018

4-foot Transfer Station Installation

STEP: 7

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.



Date: 03/20/2018

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.

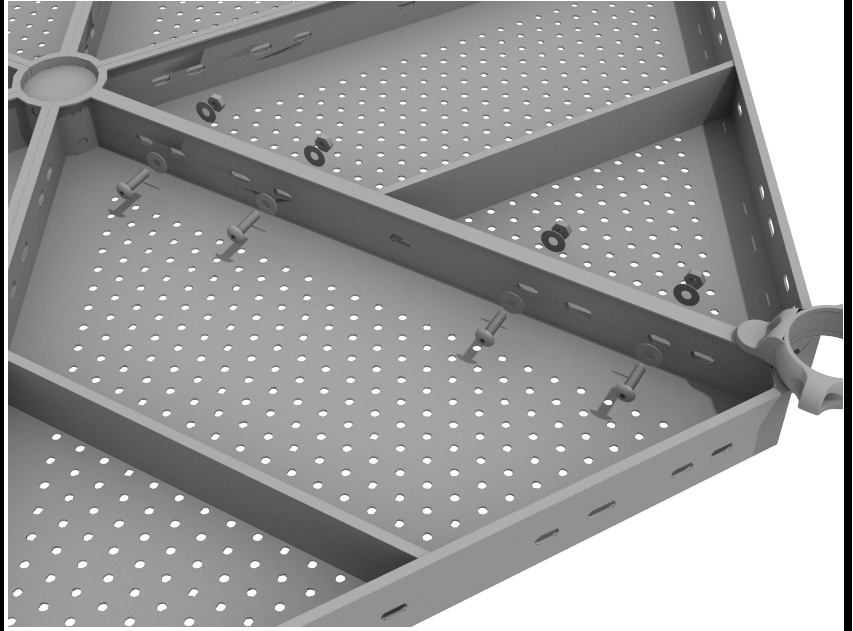


Date: 3/19/2018

Half Hex Deck Connect to Half Hex 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.



Date: 7/31/2018

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.

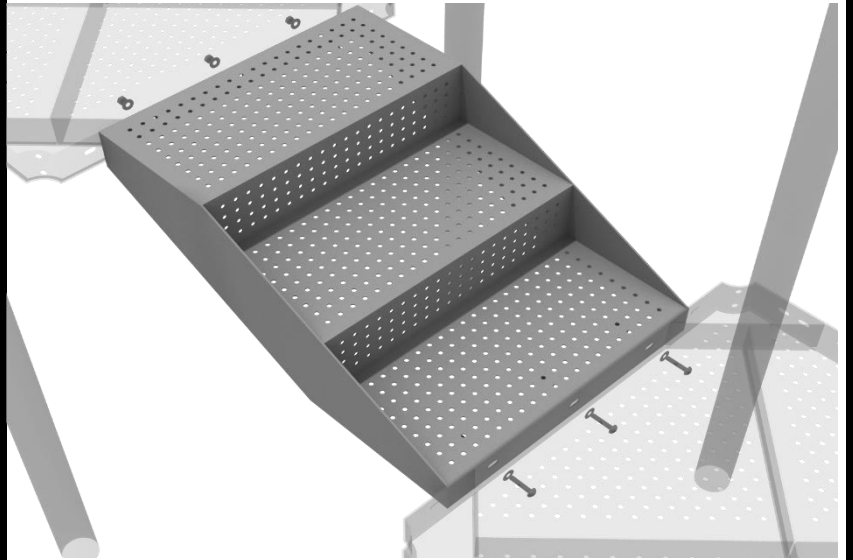


Date: 3/19/2018

1-Foot Middle Stair Installation

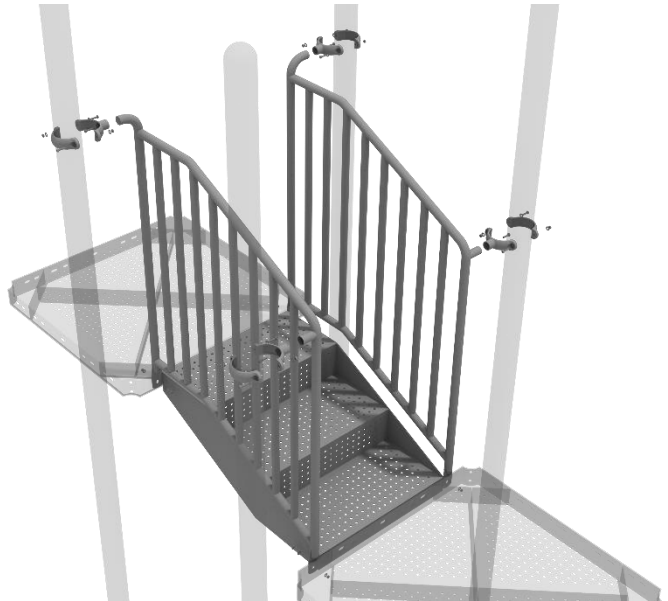
STEP: 1

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.

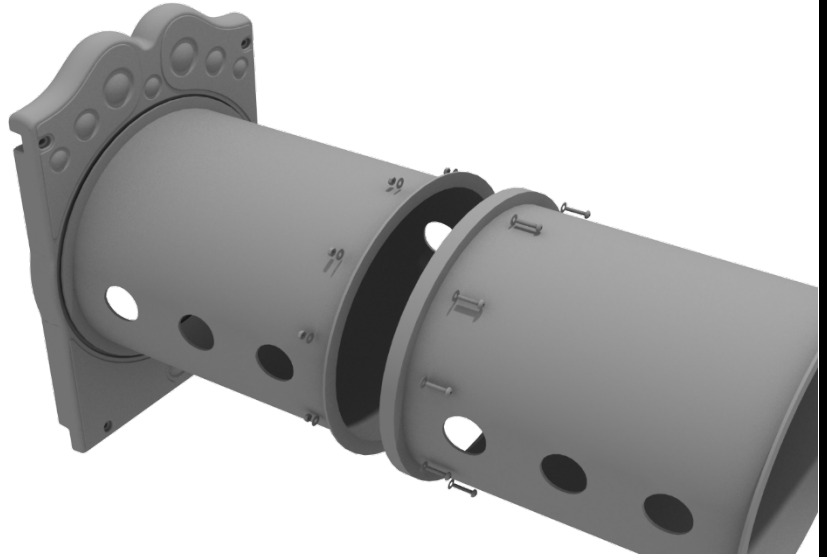


Date: 03/29/2018

2-Section Tube Bridge Installation

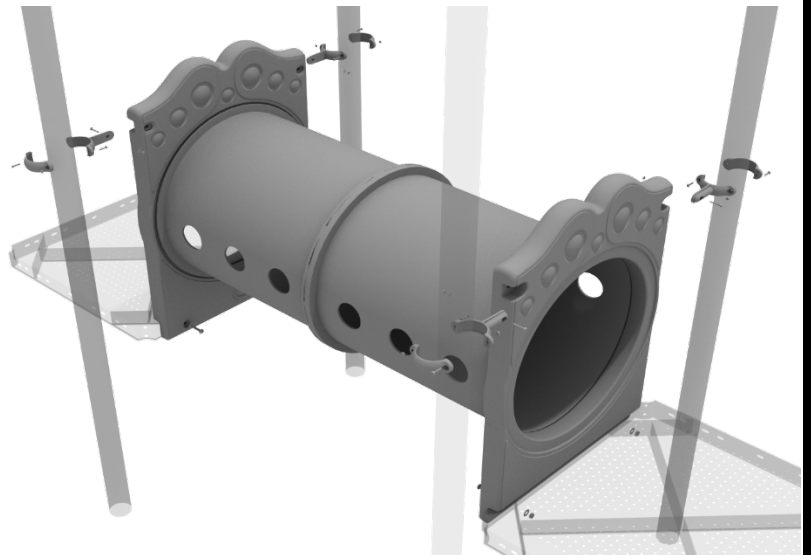
STEP: 1

Take both sections of the tube bridge and attach them together using ten (10) M8*30 bolts, twenty (20) M8 washers, and ten (10) M8 lock nuts.



STEP: 2

Attach each side of the tube bridge to the proper deck using two (2) M10*50 bolts, four (4) M10 washers, and two (2) M10 lock nuts. Then, attach the top of the tube bridge to the posts using one (1) flat clamp, one (1) M8*40 bolt, one (1) M8 washer, and one (1) M8 lock nut for each post attachment point.

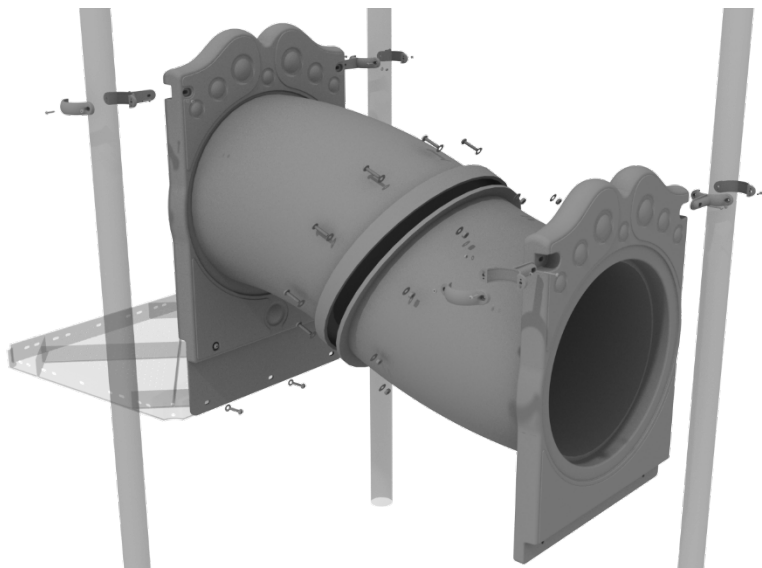


Date: 03/22/2018

2-Section Tube Bridge Installation

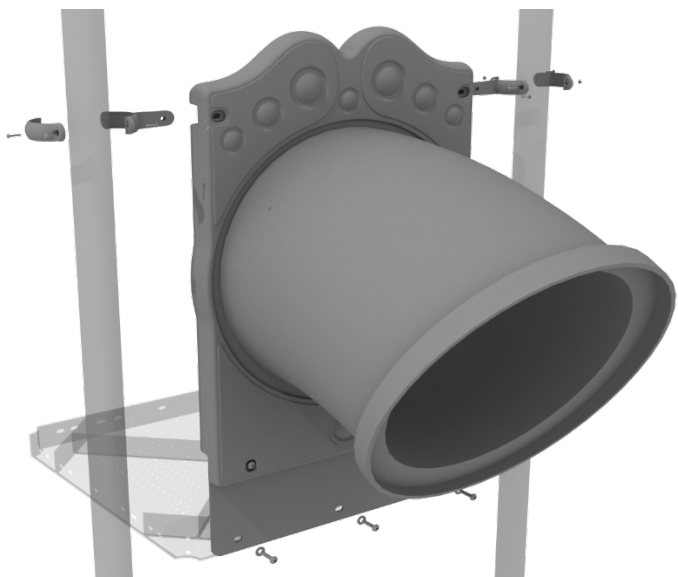
STEP: 1

Take both sections of the tube bridge and attach them together using ten (10) M8*30 bolts, twenty (20) M8 washers, and ten (10) M8 lock nuts.



STEP: 2

Attach each side of the tube bridge to the proper deck using two (2) M10*50 bolts, four (4) M10 washers, and two (2) M10 lock nuts. Then, attach the top of the tube bridge to the posts using one (1) flat clamp, one (1) M8*40 bolt, one (1) M8 washer, and one (1) M8 lock nut for each post attachment point.

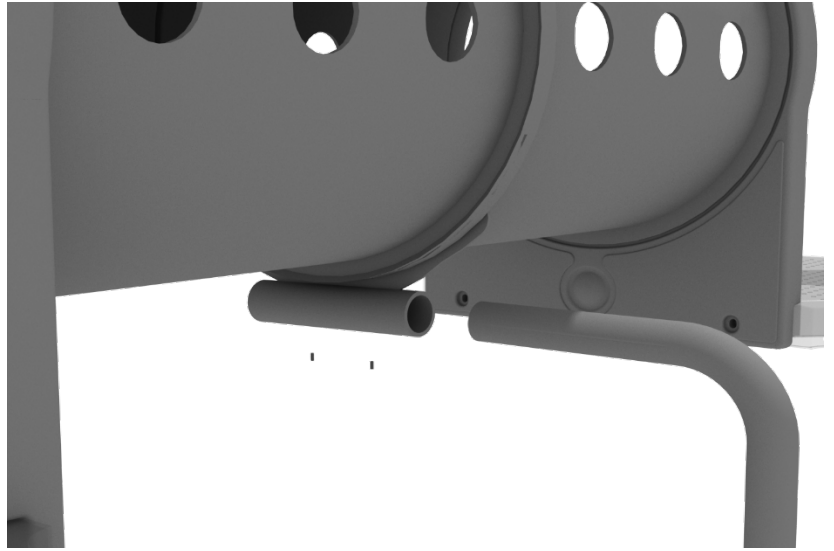


Date: 03/22/2018

2-Section Tube Bridge Installation

STEP: 3

See general installation guide regarding footing information for the tube bridge support. Loosen the set screw pre-attached to the tube support bracket and insert the L-shaped support. Then screw the set screws back into place.



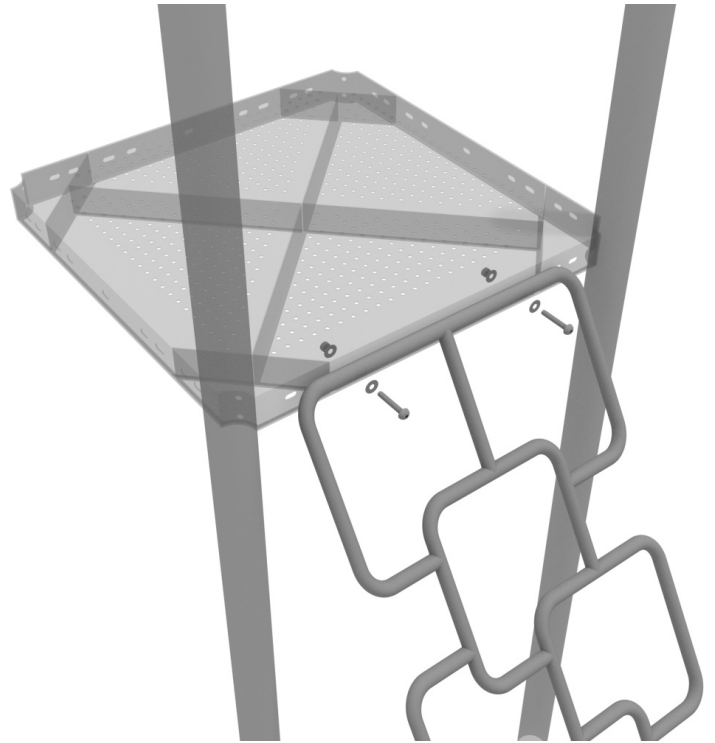
Date: 03/22/2018

3D 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 3D Climber to the deck.

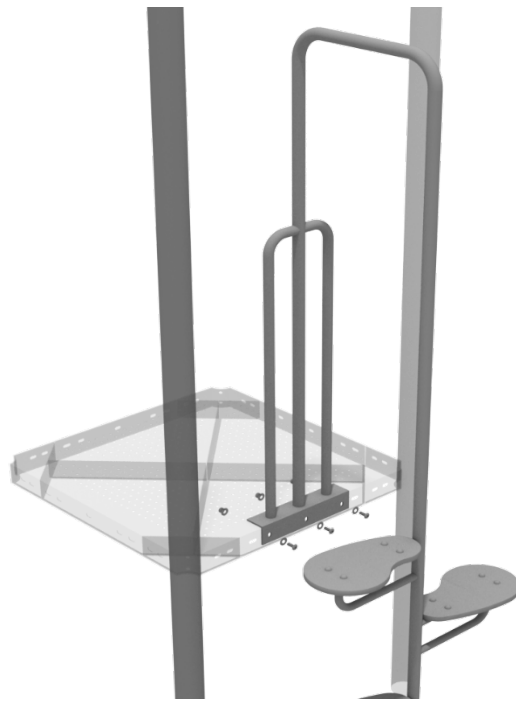


Date: 12/31/2020

Pea Pod Climber Installation

STEP: 1

See general installation guide regarding footing information for the Pea Pod climber. Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the snake climber to the square deck.



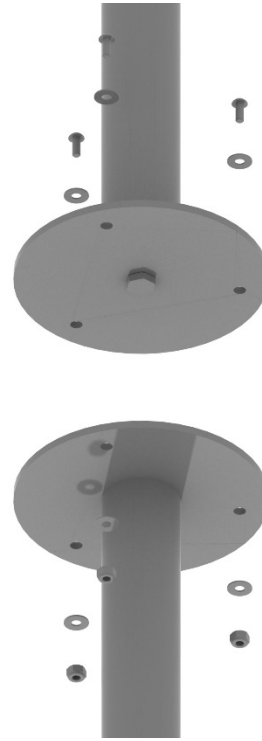
Date: 03/21/2018

Pod Climber Installation

STEP: 1

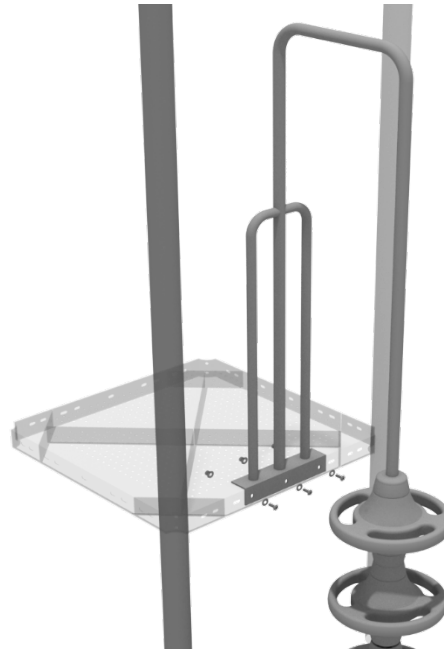
See general installation guide regarding footing information for the pod climber. Attach the circle end mount to the bottom of the climber using the pre-attached hardware.

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.

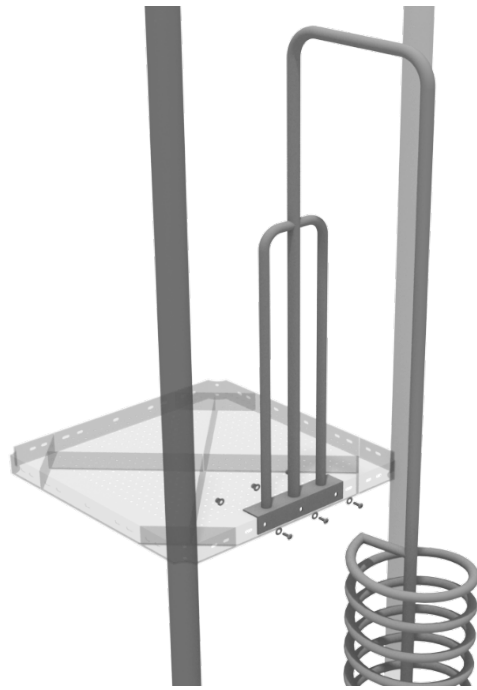


Date: 12/09/2022

Spiral Climber Installation

STEP: 1

See general installation guide regarding footing information for the Spiral climber. Using three (3) M10*25 bolts, six (6) M10 washers, and three (3) M10 lock nuts, attach the Spiral climber to the deck.

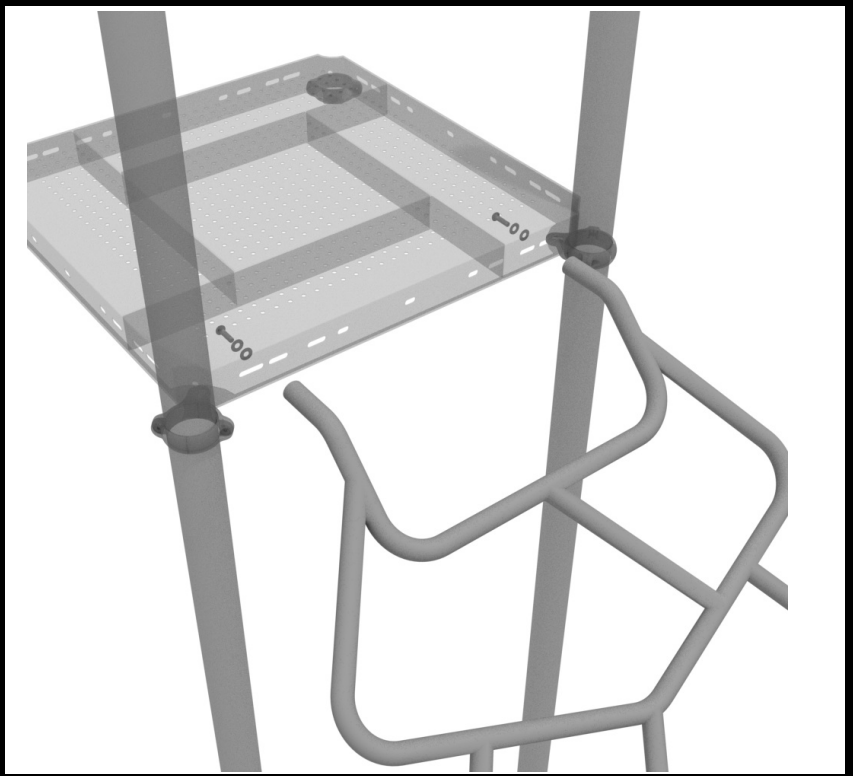


Date: 03/22/2018

Arch Loop Climber Installation

STEP: 1

See general installation guide regarding footing information for the Arch Loop climber. Attach the climber to the deck using two (2) M10*25 bolts, two (2) M10 spring washers and two (2) M10 washers.

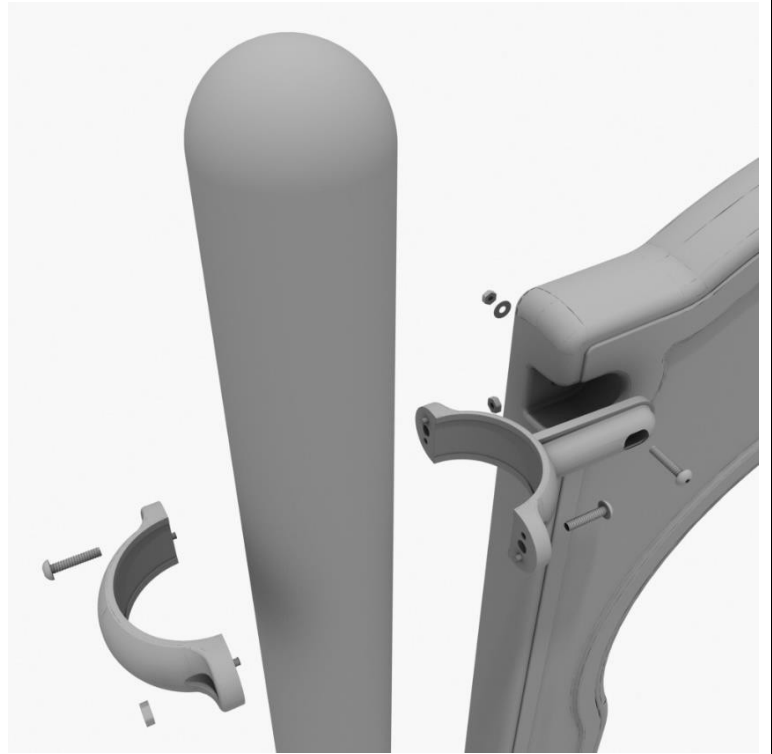


Date: 01/24/2025

4-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.



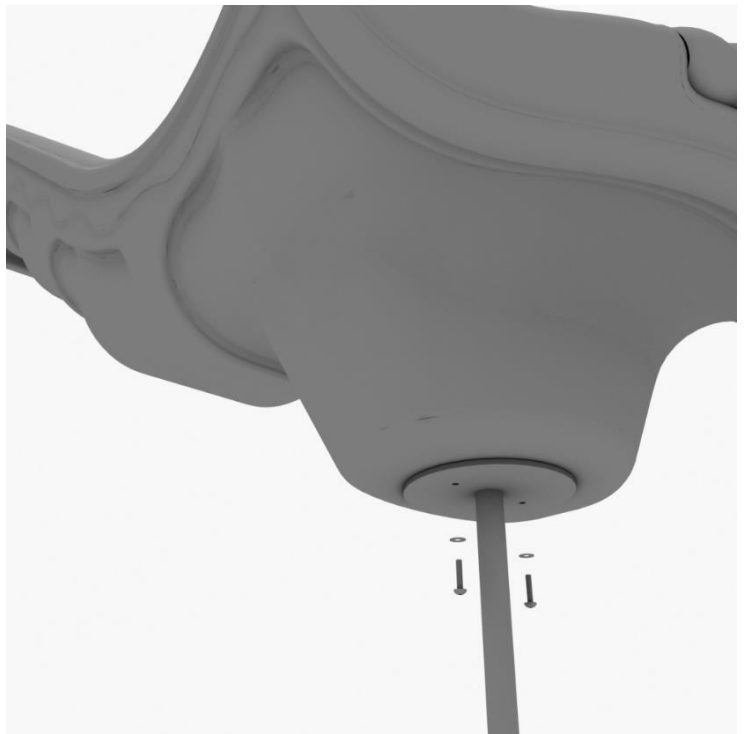
Step 3

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.



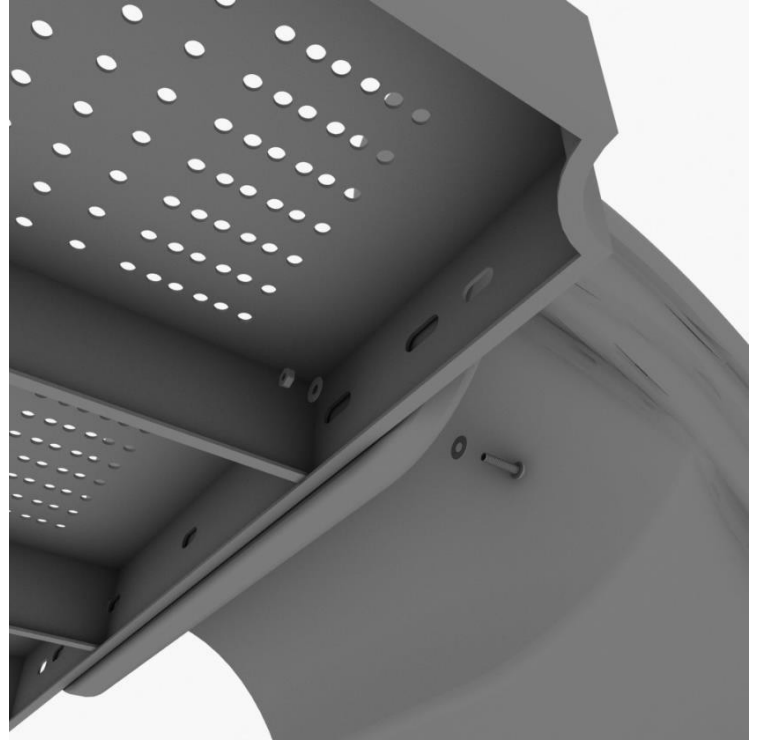
Step 4

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

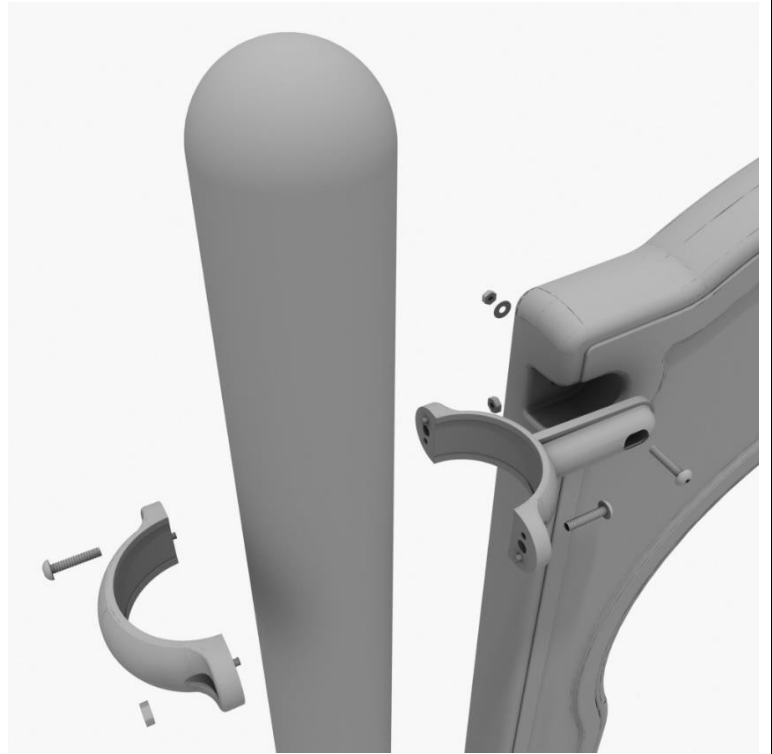
Using one (1) M8*45 bolt, one (1) M8 washer, one (1) M12 washer, and one (1) M12 Inner hex spiral nut, attach the slide to one side of the slide hood. Repeat this process for the other side of the slide. Make sure all bolts are properly tightened.



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.



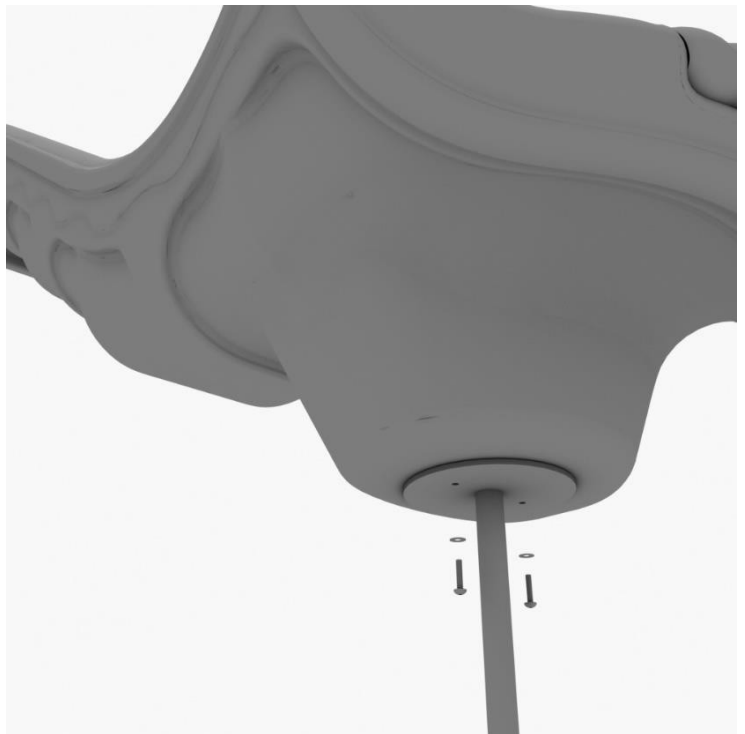
Step 3

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.



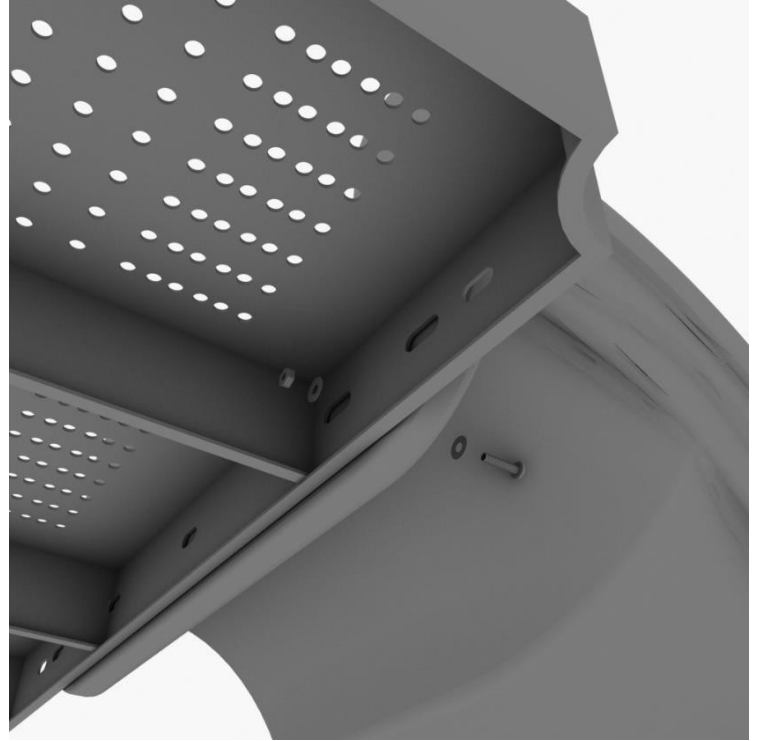
Step 4

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

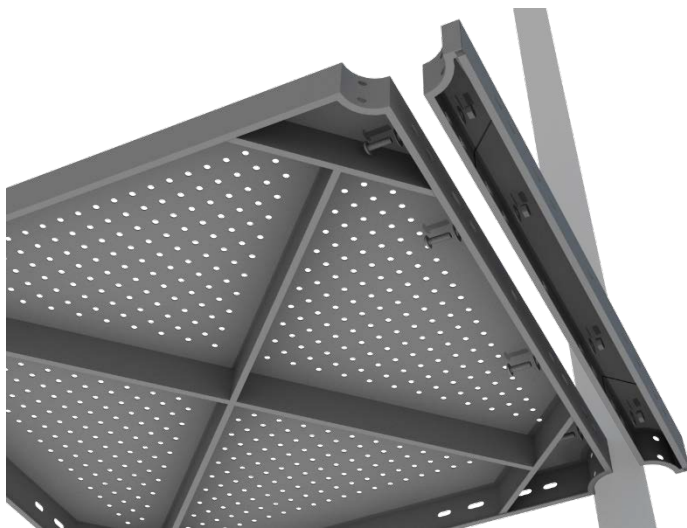
Using one (1) M8*45 bolt, one (1) M8 washer, one (1) M12 washer, and one (1) M12 Inner hex spiral nut, attach the slide to one side of the slide hood. Repeat this process for the other side of the slide. Make sure all bolts are properly tightened.



5-Foot Double Straight Slide Installation

STEP: 1

For the double slide, you will first need to attach the double slide deck extension. This will require six (6) M10*25 bolts, twelve (12) M10 washers, and six (6) M10 lock nuts.



STEP: 2

Then, See general installation guide regarding footing information for the double slide end mounts. Using two (2) M8*20 bolts, two (2) M8 spring gaskets, and two (2) M8 washers, attach the slide end mounts to the double slide.

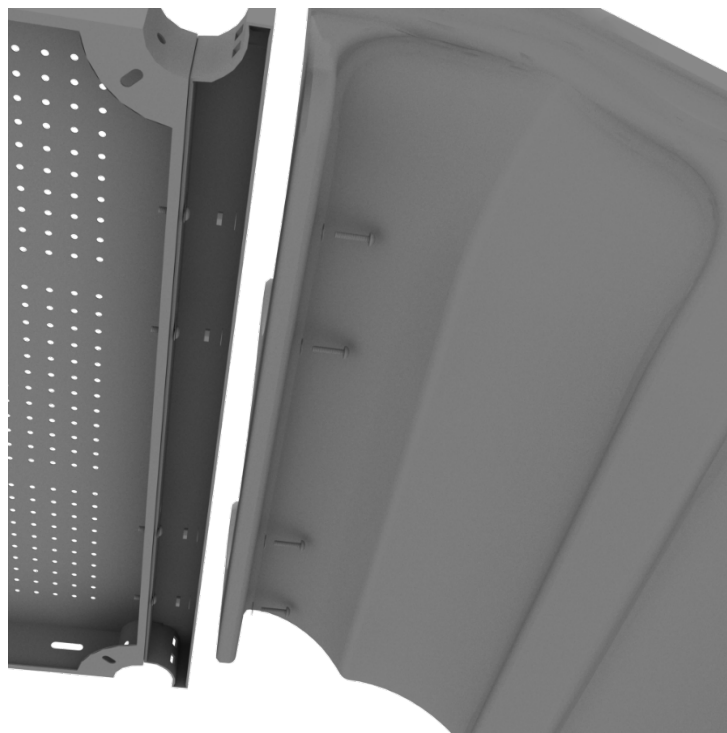


Date: 12/23/2020

5-Foot Double Straight Slide Installation

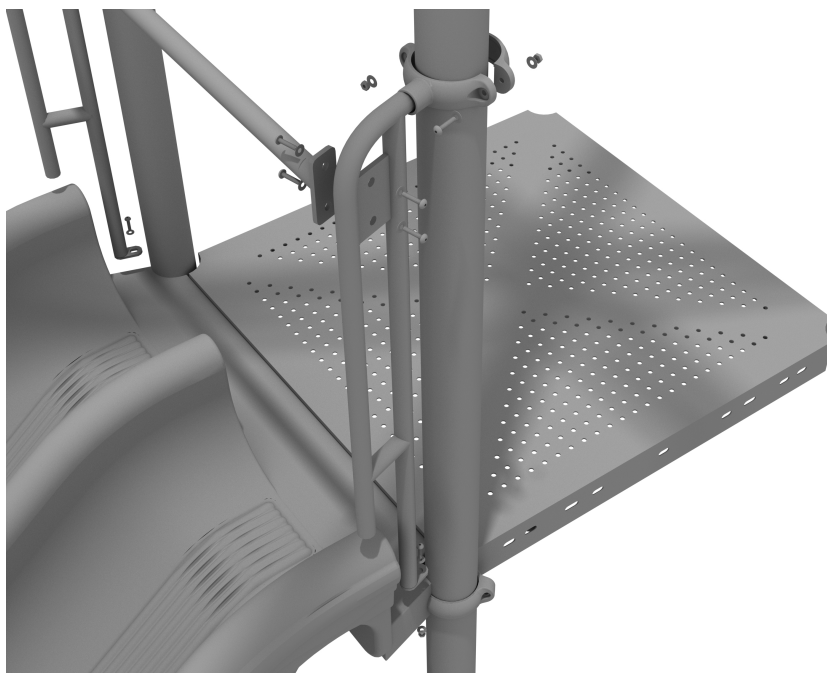
STEP: 3

Then, attach the slide to the deck extension using four (4) M10*45 bolts, eight (8) M10 washers, and four (4) M10 lock nuts.



STEP: 4

Once the slide is attached, connect double slide rail to post using two (2) tube clamps. Connect crossbar to rails using four (4) M10*25 bolts, eight (8) M10 washers and four (4) M10 lock nuts. Connect rail to deck using two (2) M10*25 bolts, four (4) M10 washers and two (2) M10 lock Nuts.

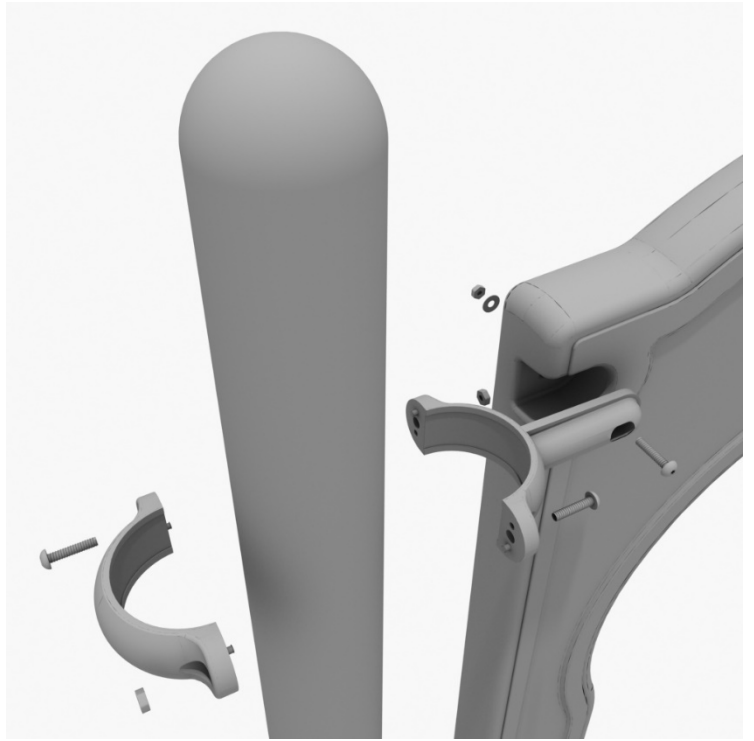


Date: 12/23/2020

6-foot Single Wave Slide Installation

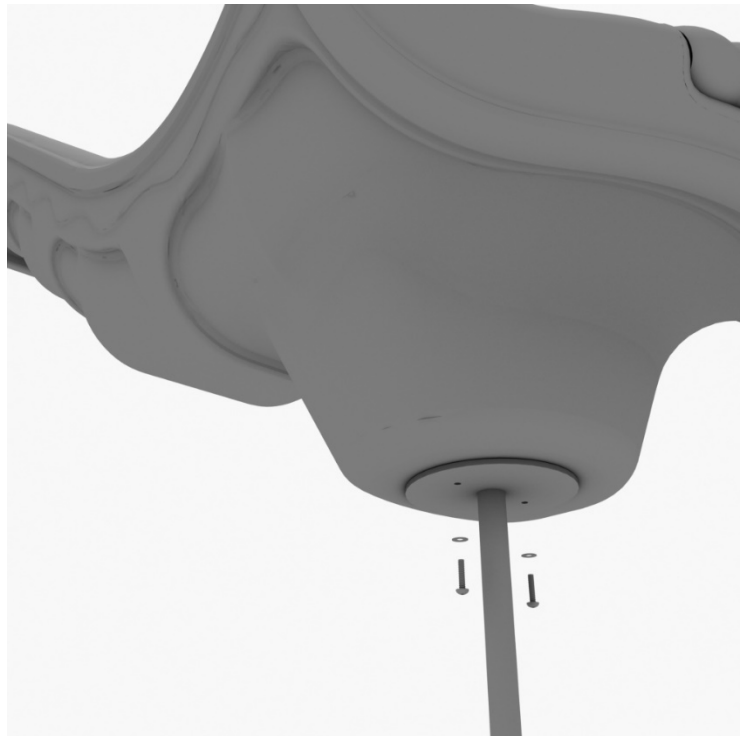
STEP: 1

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

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.

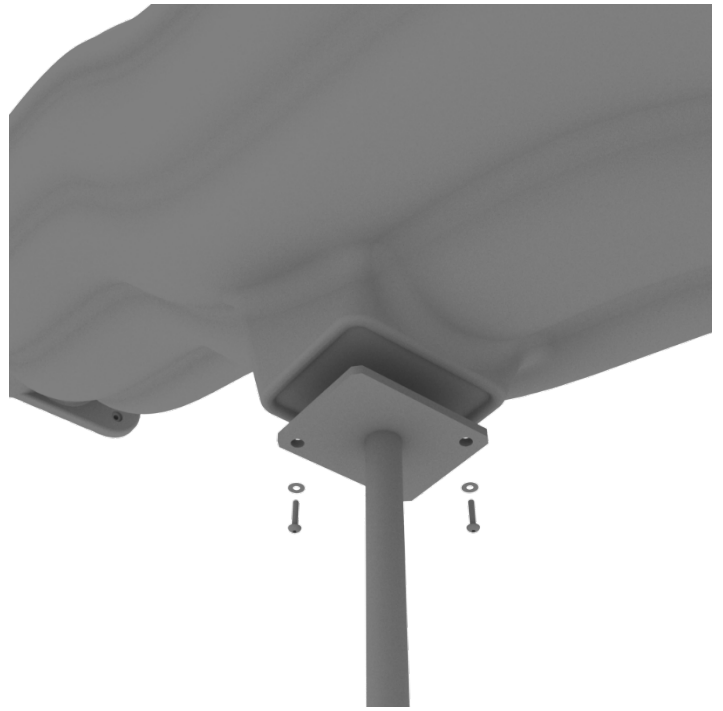


Date: 03/19/2018

6-foot Single Wave Slide Installation

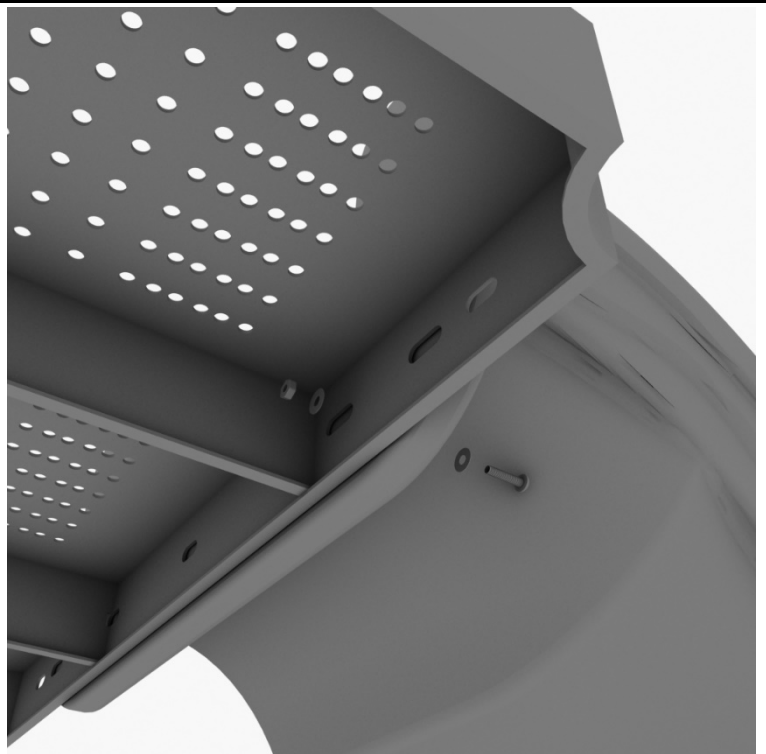
STEP: 3

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.



Date: 03/19/2018

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.

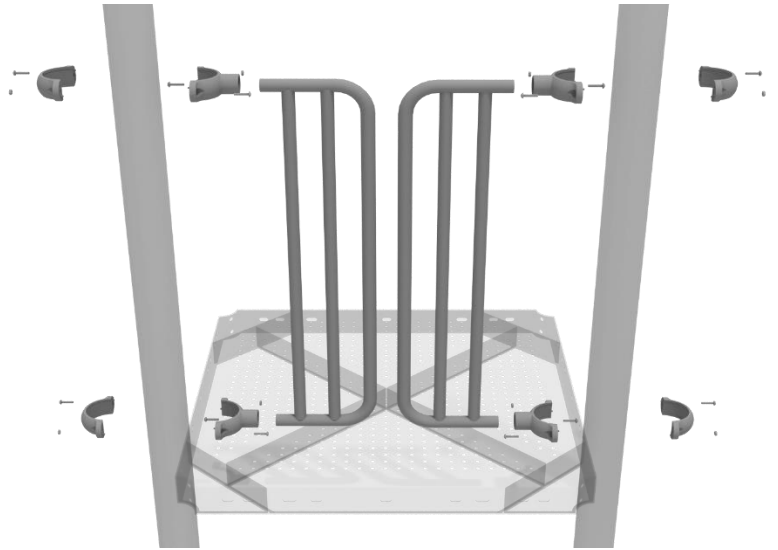


Date: 03/19/2018

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.

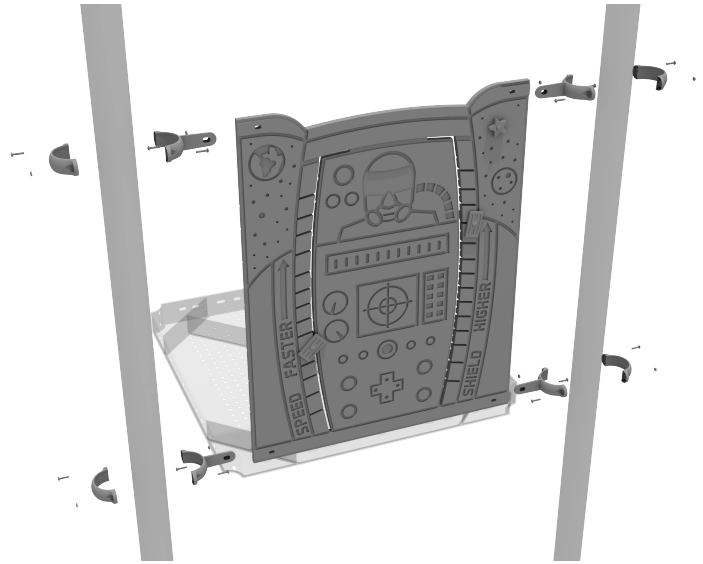


Date: 03/21/2018

3.5-Inch Space Planet Power Panel Installation

STEP: 1

Connect the bottom of the panel to the deck using two (4) M10*50 bolts, four (8) M10 washers, and two (4) M10 lock nuts. Then attach the top of the panel to the posts using two (4) flat clamps.

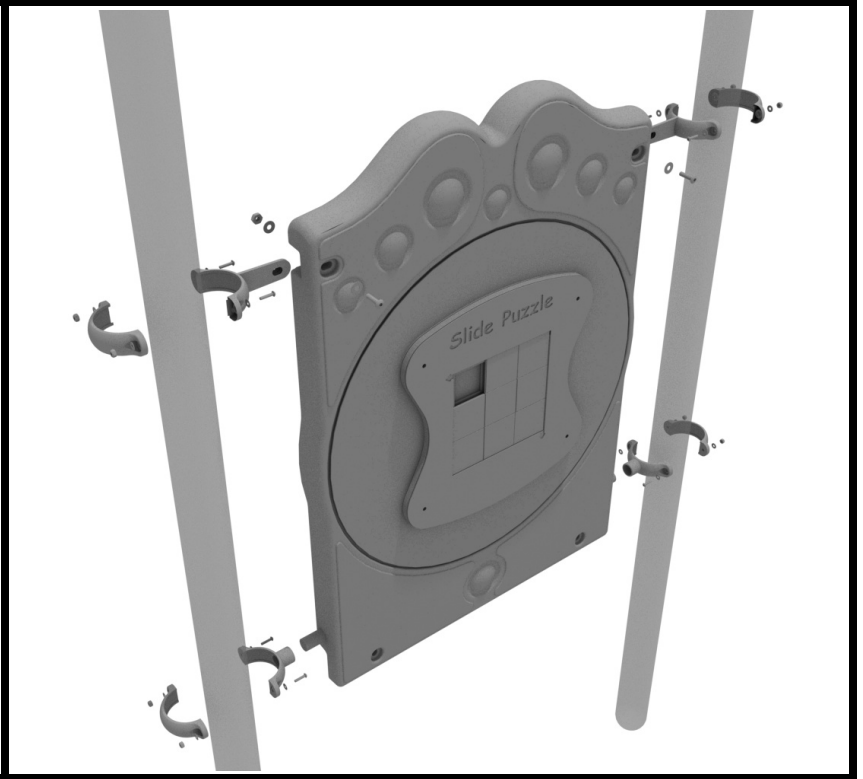


Date: 05/19/2022

3.5-inch Slide Puzzle Panel Installation

STEP: 1

Connect the bottom of the panel to the deck using two (4) M10*50 bolts, four (8) M10 washers, and two (4) M10 lock nuts. Then attach the top of the panel to the posts using two (4) flat clamps.

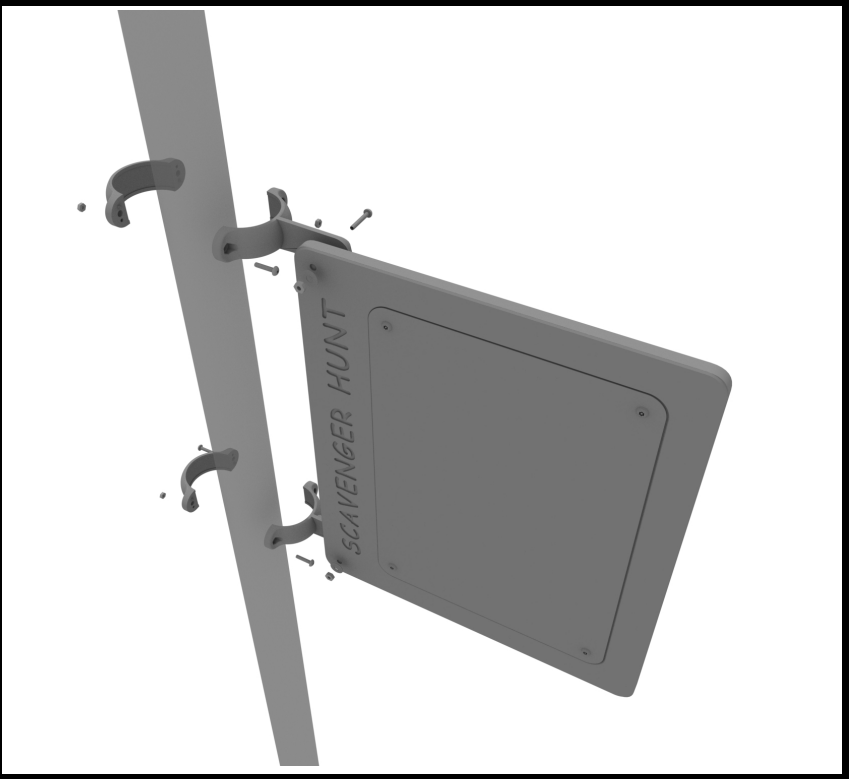


Date: 01/24/2025

3.5-Inch Scavenger Hunt Panel Installation

STEP: 1

Connect the Scavenger Hunt Panel to the designated post using two (2) 3.5-inch flat clamps.



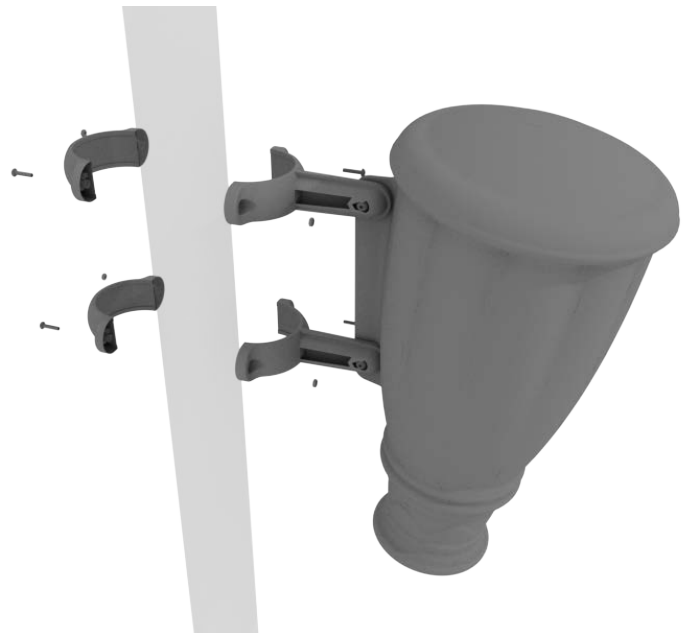
Date: 01/24/2025

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)

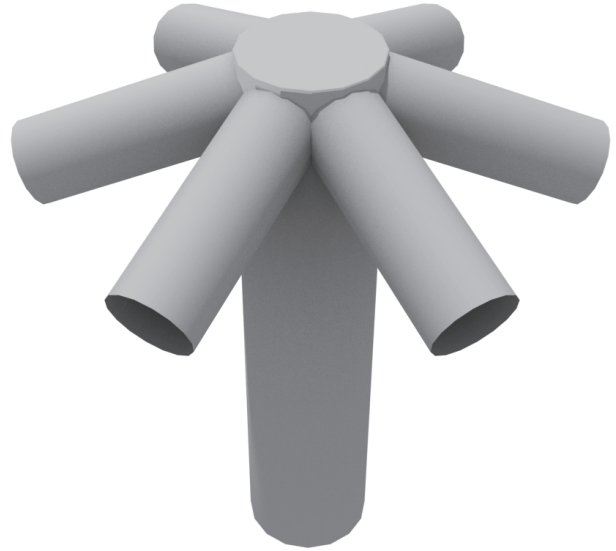


Date: 02/09/2022

Hex Shade Install

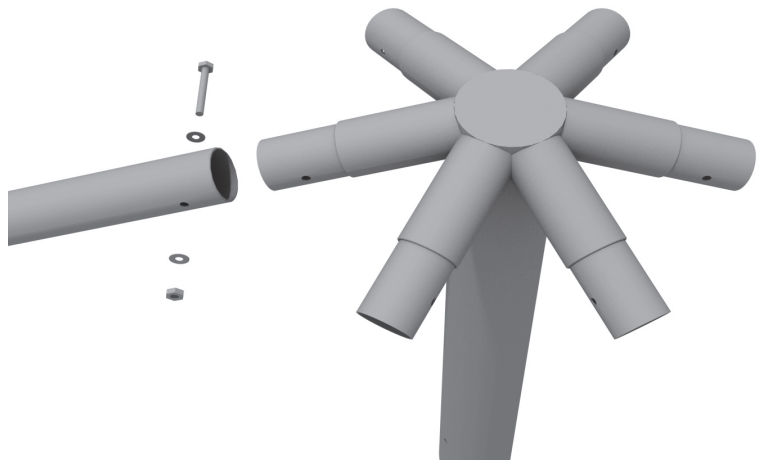
STEP: 1

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.

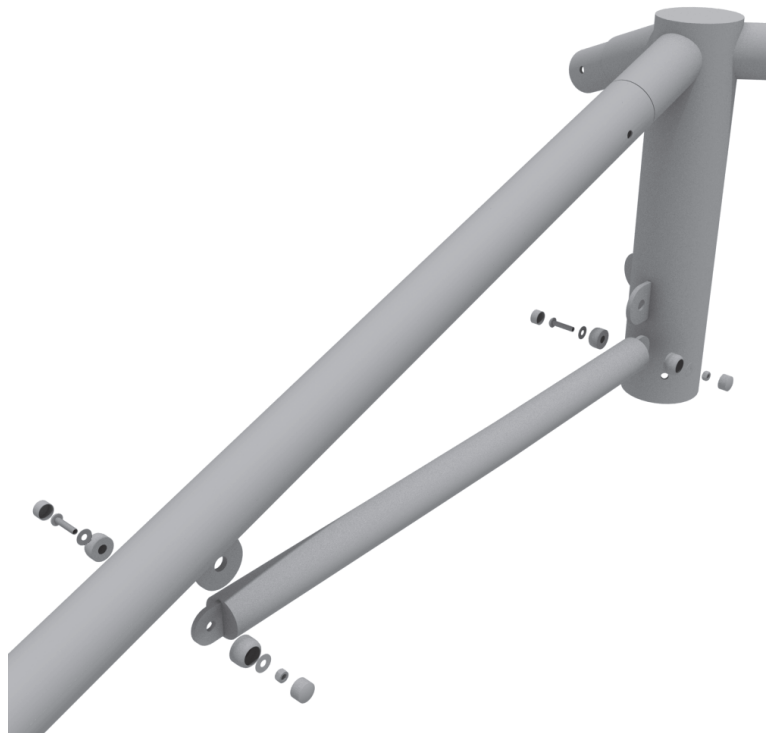


Date Modified: 03/01/19

Hex Shade Install

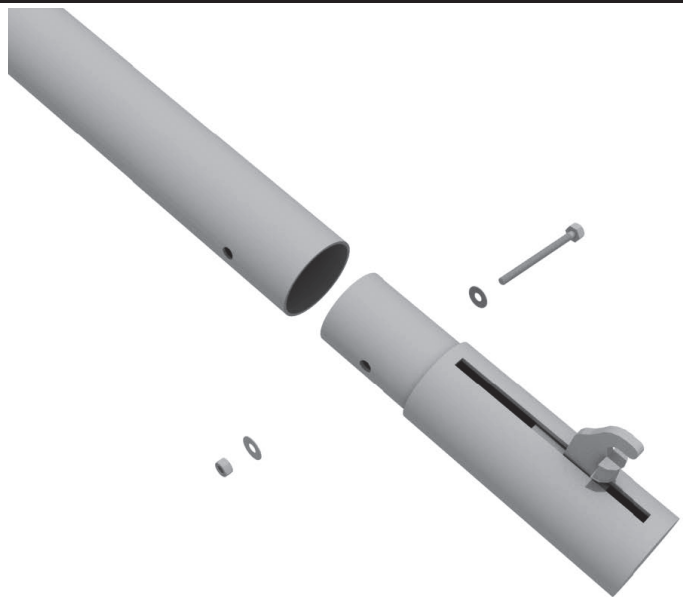
STEP: 3

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.

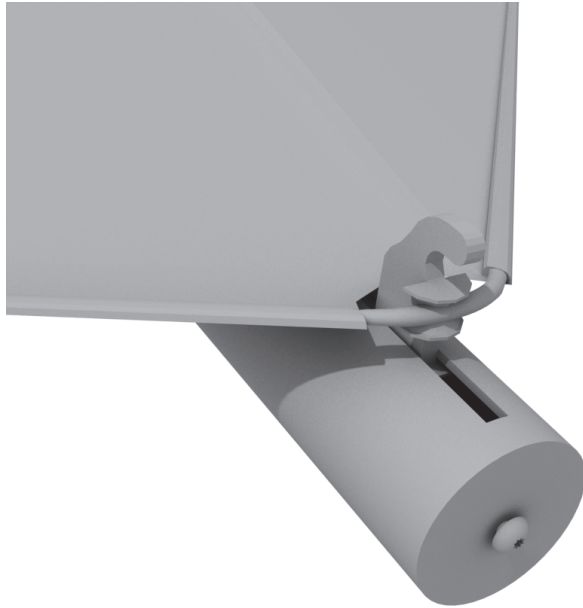


Date Modified: 03/01/19

Hex Shade Install

STEP: 5

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



Date Modified: 03/01/19