# **MEGA CLIMBER 55**

# MC 55RTGO

**Assembly Manual** 



Recommended People: 3 Assembly Time: 4-5 hours



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#### TOOLS INCLUDED FOR ASSEMBLY

- #2 Square Drive Bit
- Slat Spacer

#### TOOLS REQUIRED FOR ASSEMBLY

- Impact Drill
- Socket Attachment
- 1/2" Socket
- 9/16" Socket
- Step Ladder
- Tape Measure
- Safety Glasses
- Level (Recommended)
- 9/16" Wrench
- Hammer
- Knife or Box Cutter

# **ABOUT US**

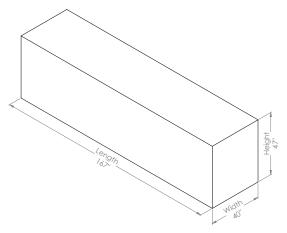
For loads of fun and family time, count on Swing Kingdom. A family operated manufacturer of premier vinyl playsets, we strive to design and build fine quality, affordable playsets perfect for children of all ages.

From the 500 square foot building where we started our business in 2000, to our current 43,000 square foot facility, Swing Kingdom has expanded to meet the growing demand for high quality, virtually maintenance-free playsets. We were the first manufacturer to combine vinyl PVC and structural wood, along with stainless steel hardware for superior strength. Today, we continue to use only the finest quality materials to ensure safe, durable playsets built to offer years of enjoyment.

Our playsets are loaded with activities that will spark every child's imagination and encourage daily physical activity and never-ending fun!

# SUPPORT

Support@SwingKingdom.com 717-656-4449



Skid Dimensions: Package: 167" Length x 40" Width x 47" Height

Package Weight: 2,010 lbs

Version: **1.1** Last Updated: April 15, 2025

# **INTRODUCTION**

Swing Kingdom's playsets are engineered from a safety first perspective. Our slip resistant vinylclad construction materials are always splinter free and no wood means no harsh chemical treatments. Stainless steel hardware brings added stability, while preventing rust and corrosion.

Our premium vinyl playsets are five times stronger than traditional wooden playsets. Each playset is manufactured with a high standard of durability and quality along with a 5-year warranty to stand behind our product.

We hope that the information on these pages will help you with assembling your Swing Kingdom playset. If you are unable to find the answers to your questions here when building, please contact your local authorized Swing Kingdom dealer, or call us direct at 717-656-4449.

# WARRANTY

Subject to ordinary residential use and proper installation.

Swing Kingdom warrants to the original purchaser at the original installation address, that the structural components of the playset, such as the PVC vinyl and wood components are covered by a 5-year warranty. In addition, all canopies, slides, metal components, swings and accessories are warranted for 5 years from date of original purchase.

Swing Kingdom's products are not warranted as being suitable for a particular purpose. The suitability of the product is for the purchaser to determine. This warranty does not cover normal wear and tear, failure to properly maintain the product, or damage resulting from misuse or abuse of the product, additionally any acts of nature such as lightning, storms, hurricanes, tornadoes, earthquakes or any extreme weather conditions. Also any alteration, additions or relocation of the product will void this warranty.

Swing Kingdom reserves the right to examine photographs and/or physical evidence of the product claimed to be defective, and to recover product prior to any warranty claims. All products returned for inspection must be sent freight prepaid. In the event of a defect covered by these warranties, Swing Kingdom will remedy the defect within a reasonable time. The remedy will consist of repair or replacement of the defective piece unless it is not practical. Then Swing Kingdom will reimburse the original purchaser for the value of the defective piece.

All freight cost of replacement parts are not covered under warranty and will be the purchaser's responsibility to cover.

Adult supervision is recommended while enjoying your play system.



# WARNING

- This instruction manual contains important information necessary for the proper assembly and safe use of the playset.
- Read and follow all warnings and instructions before assembling.
- Follow <u>all</u> warnings and instructions.
- Keep this manual for future reference.

# **SAFETY WARNING**

Failure to follow these instructions could result in faulty equipment, which could cause property damage, personal injury or death! *Remember: Think Safety and Use Common Sense!* 

#### **Prevent Serious Injury or Death and Equipment Damage When Installing**

- Work on dry sunny days to minimize the risk of slipping.
- Move items close to your body and use your legs when lifting an item from a low location.
- Avoid twisting, especially when bending forward while lifting. Turn by moving the feet rather than twisting the torso.
- Keep your elbows close to your body and keep the load as close to your body as possible.
- Limit weight you lift to no more than 50 pounds. When lifting product heavier than 50 pounds, use two or more people to lift the product up.
- Use personal protective equipment and clothing such as safety helmets, gloves, safety goggles, ear protection, and safety footwear.

#### **Maintenance**

It is of particular importance that these guidelines be followed at the beginning of each season as well as at regular intervals during the usage season:

- Check all nuts and bolts for tightness and tighten when required.
- Check all coverings for bolts and sharp edges and replace when required.
- Check swing seats, chains, ropes and other means of attachments for evidence of deterioration.
- Replace defective parts in accordance with the manufacturer's instructions.

#### **General Safety Precautions**

Users who use hand and power tools and who are exposed to the hazards of falling, flying, abrasive and splashing objects, or exposed to harmful dusts, fumes, mists, vapors, or gases must be provided with the particular personal equipment necessary to protect them from the hazard.

All hazards involved in the use of power tools can be prevented by following five basic safety rules:

- Keep all tools in good condition with regular maintenance.
- Use the right tool for the job.
- Examine each tool for damage before use.
- Operate according to the manufacturer's instructions.
- Provide and use the proper protective equipment.

#### **Fasteners**

When using power tools to apply fasteners, there are some precautions to consider:

- Fasteners must not be fired into material that would let them pass through to the other side.
- The fastener must not be driven into materials like brick or concrete any closer than 3 inches to an edge or corner.
- In steel, the fastener must not come any closer than one-half inch from a corner or edge.
- Fasteners must not be driven into very hard or brittle materials which might chip, splatter, or make the fastener ricochet.

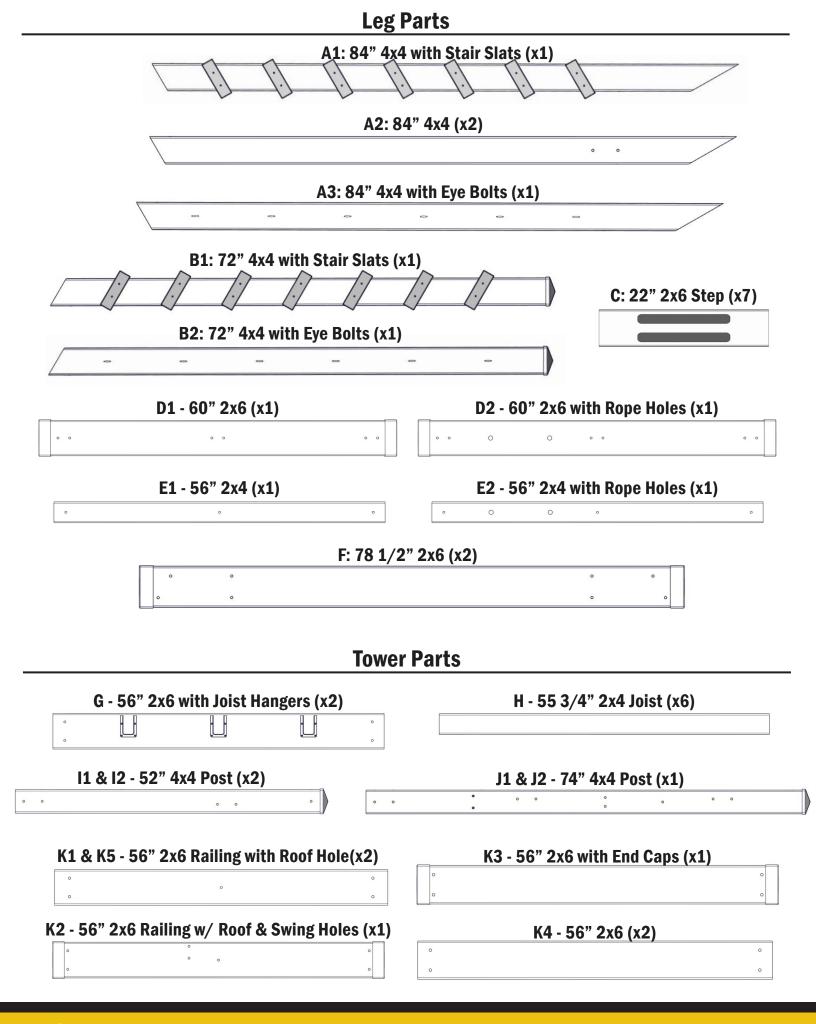
1	044	Devite			
	Qty	Parts			
	4	84" 4x4			
	2	72" 4x4			
	7	22" 2x6 Steps			
	2	60" 2x6			
	2	56" 2x4			
	2	78½" 2x6			
	8	56" 2x6			
	8	55 <sup>3</sup> ⁄4" 2x4			
	2	52" 4x4 Post			
	2	74" 4x4 Post			
_	2	3 <sup>3</sup> /8" x 59 <sup>1</sup> /2" Floorboard			
Tower	16	51/2" x 591/2" Floorboard			
	2	51/2" x 48" Floorboard			
	2	5 <sup>1</sup> / <sub>2</sub> " x 53 <sup>3</sup> / <sub>4</sub> " Floorboard			
	10	28 <sup>1</sup> / <sub>2</sub> " Poly			
	1	281/2" Poly w/ Angle Cut			
	1	22" Poly			
	2	127" 4x4 Post			
	4	64" 2x6			
	2	28" 2x4 Brace			
	2	19" 2x4 Brace			
	25	<sup>3</sup> / <sub>4</sub> " x 2 <sup>5</sup> / <sub>8</sub> " x 33 <sup>3</sup> / <sub>8</sub> " Poly Slat			
	4	<sup>3</sup> / <sub>4</sub> " x 2 <sup>5</sup> / <sub>8</sub> " x 24" Poly Slat			
	1	Poly Slat Assembly			
	2	Poly Slat Template			
	1	168" Swing Beam			
ne		92" Swing 4x4			
an	1	106" 2x4 Ground Board			
Fr	1	89" 2x4 Swing Brace			
ງຊ	1	Poly Brace			
vii	2	Swing Beam Post Plate			
Swing Fram	1				
		Swing Beam Bracket			
	2	120" 2x4			
	1	61 <sup>5</sup> /8" 2x4			
Roof	3	35 <sup>3</sup> / <sub>4</sub> " 2x4			
	1	24" 2x4 Brace			
	4	Roof 2x4 Vertical			
	2	59 <sup>1</sup> / <sub>2</sub> " Roof Horizontal 2x4			
_					
	2	(1) Canvas w/ (2) 62½" 2x4s			
	2 4 2	(1) Canvas w/ (2) 62½" 2x4s Roof Flags 26¼" 2x6 w/ poly attached			

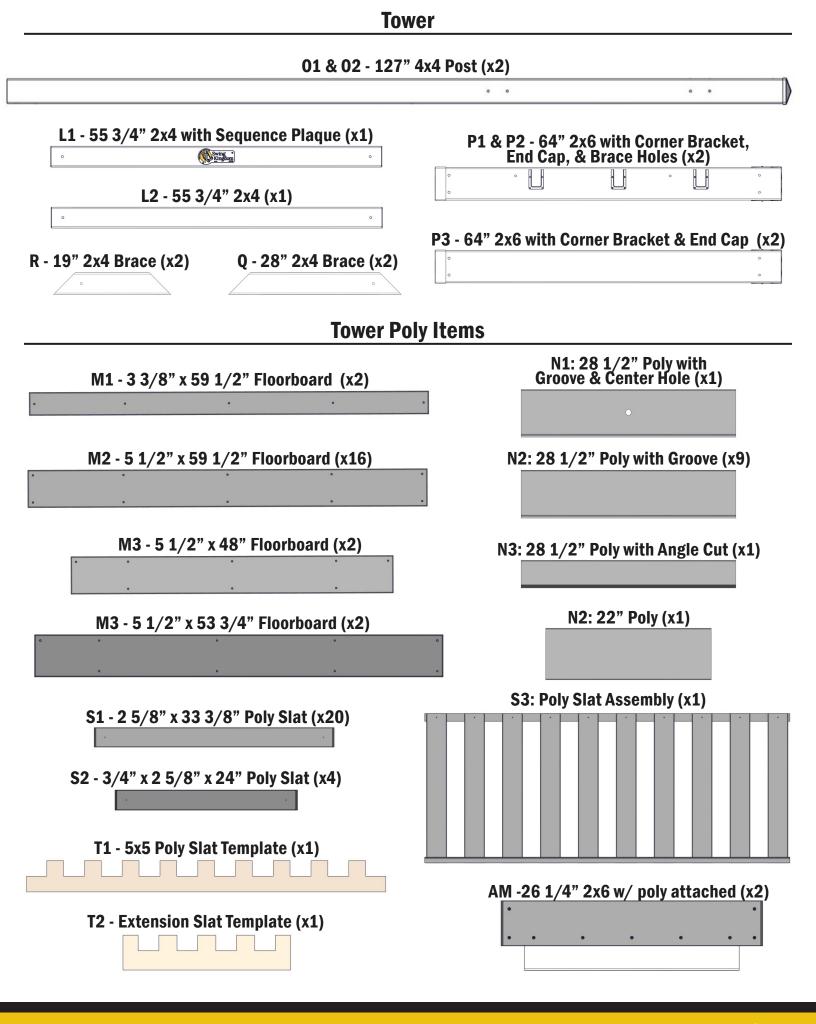
# **Accessory Parts**

1	Climber Handrail			
1	10' Avalanche Slide			
1	14' Avalanche Slide			
2	5⁄8" Diameter Rope			
1	1" Diameter Rope			
2	Belt Swing			
1	Trapeze			
1	Web Swing			
1	Tire Swing			
1	Hammock Swing			
1	Tic-Tac-Toe Board			
1	Bubble Panel			

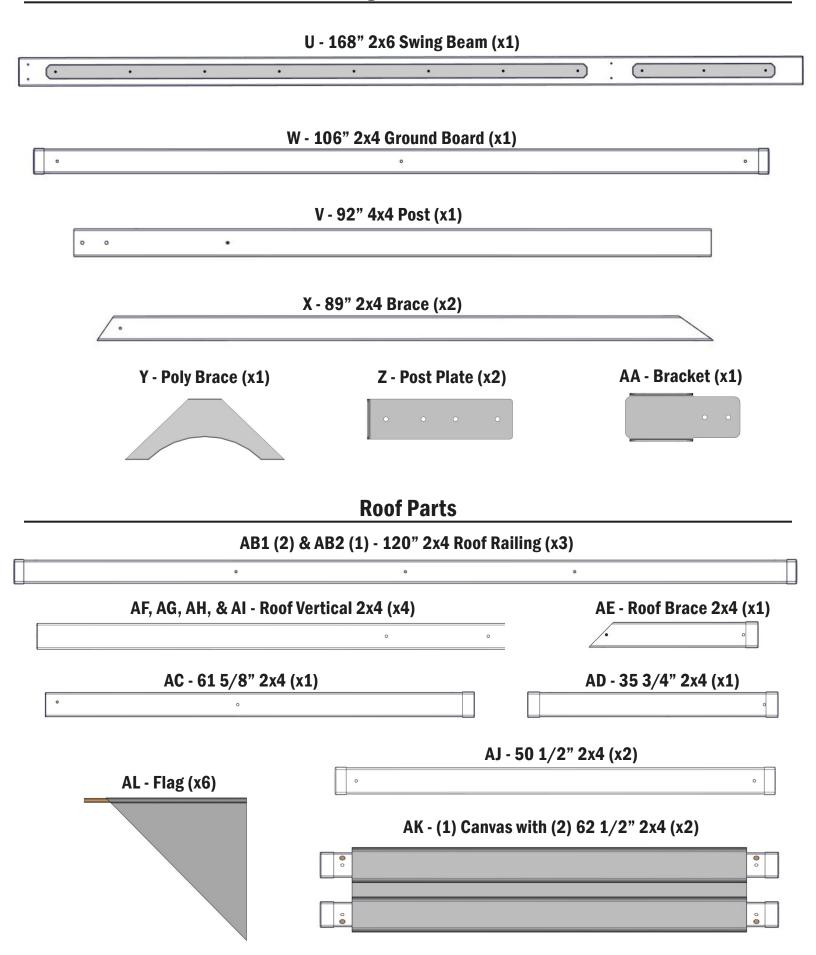
# **Hardware Packs**

	94	<sup>9</sup> ⁄16" x 4" Lag
Tower	4	%16" х 3" Lag
	98	<sup>3</sup> ⁄8" Washer
Floor	202	2" Polybuster Screw
Poly Slats	89	1 <sup>3</sup> / <sub>4</sub> " Washer Head Screw
	6	%16" х 5" Bolt
	2	%16" x 2.75" Bolt
Swing	8	%া6" Locking Nut
Frame	3	%16" x 4" Lag
	2	%16" x 3" Lag
	21	<sup>3</sup> ⁄8" Washer
	8	Swing Hook
Swing	1	Tire Swivel
Hook	18	%16" x 4" Lag
	18	<sup>3</sup> ⁄8" Washer
	22	%16" x 4" Lag
Roof	8	%16" x 3" Lag
	30	<sup>3</sup> ⁄8" Washer
Climber	4	1⁄2" x 11⁄2" Lag
Handrail	4	5/16" Washer
	41	2" Polybuster Screw
Accession	10	1 <sup>3</sup> / <sub>4</sub> " Washer Head Screw
Accessories	26	1/4" x 11/4" Pan Head Screw
	26	5/16" Washer
	2	Stake
Stake	2	1⁄2" x 11⁄2" Lag
	2	<sup>3</sup> /8" Washer
•		

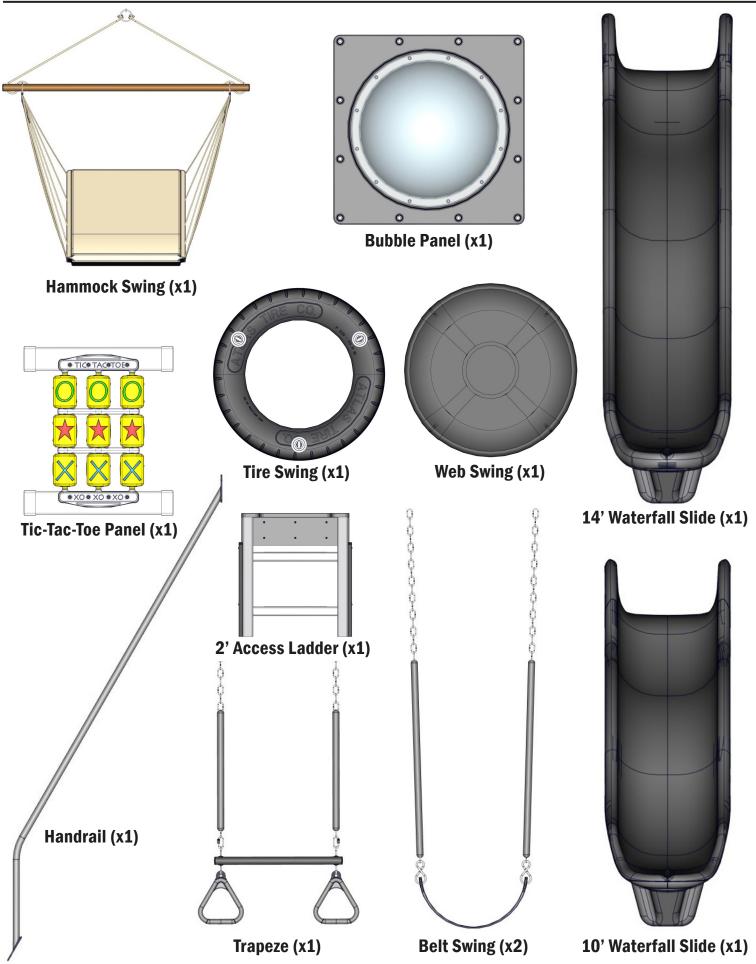




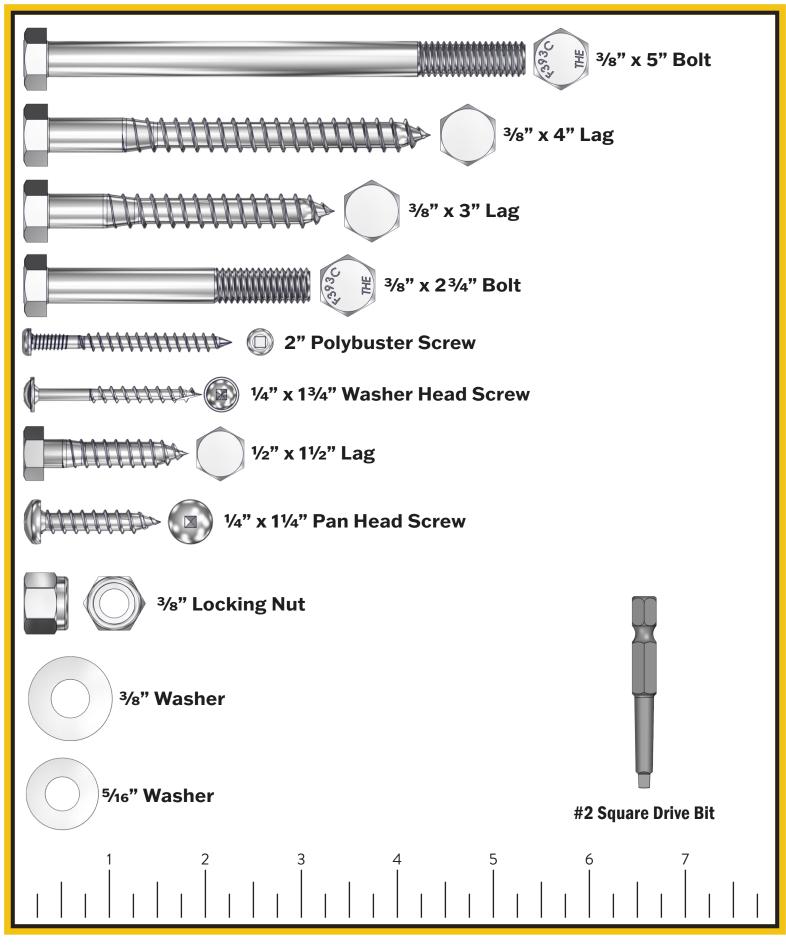
## **Swing Frame Parts**

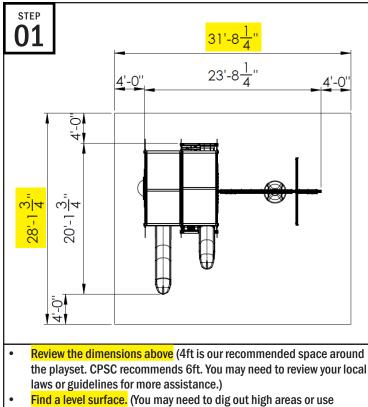


# Accessories

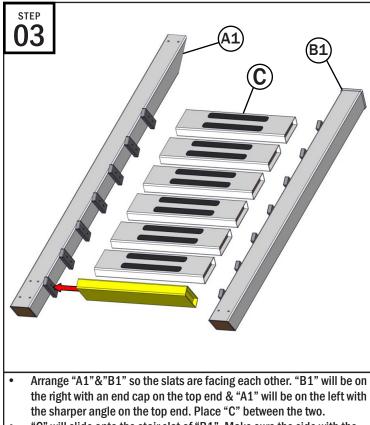


## HARDWARE

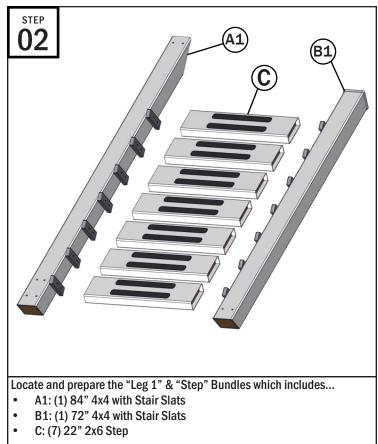




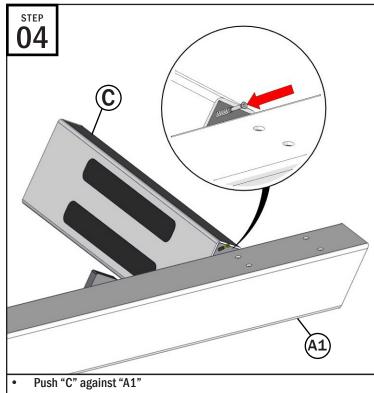
- Find a level surface. (You may need to dig out high areas or use treated lumber to block up low areas to make your surface level.)
- Determine where you want the front & back of the playset.
- Lay out each bundle. (Don't unwrap the bundles until you reach the appropriate step. Only cut in the creases to avoid damaging items.)



• "C" will slide onto the stair slat of "B1". Make sure the side with the black grips are facing the top end.

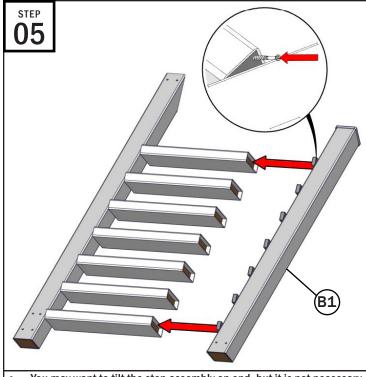


Also locate the "Tower" & "Accessory" (for the steps) Hardware bags.

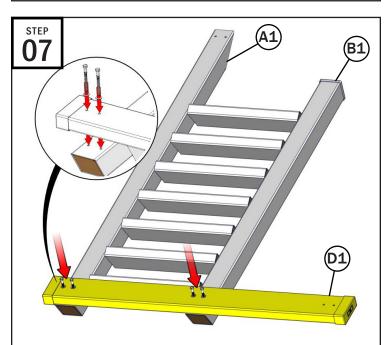


• Using (1) 2" Polybuster Screw, tilt the screw at a 45 degree angle and drill it into the corner of the stair slat. This will fasten the "C" to "A1".

• Repeat on the rest of the steps.

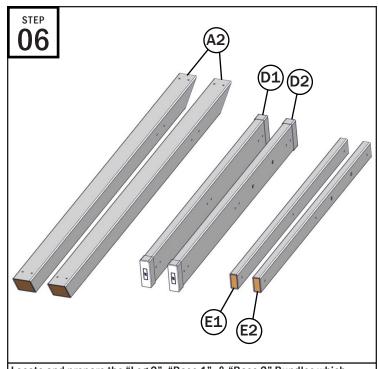


- You may want to tilt the step assembly on end, but it is not necessary.
   Place the stair slats from "B1" onto the other end of the steps. This will take some adjusting to get all steps on the slat.
- Using (7) 2" Polybuster Screw, tilt the screw at a 45 degree angle and drill it into the corner of the stair slat.



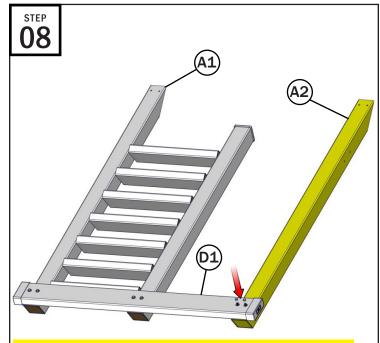
Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

- Place "D1" on top of the stair assembly with the left and center holes of "D1" aligning with the bottom holes of "A1"&"B1".
- Using (4) 9/16" x 4" Lags & 3/8" Washers, drill into the holes of "D1" so that the tip of the lags are showing on the other side.
- Use the tip of the lags to find the holes on "A1"&"B1".
- Fasten the Lags into the "A1" & "B1".



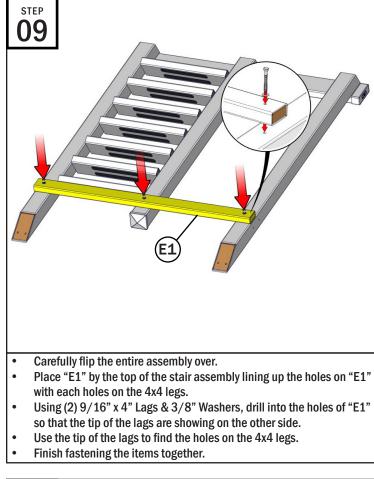
Locate and prepare the "Leg 2", "Base 1", & "Base 2" Bundles which include...

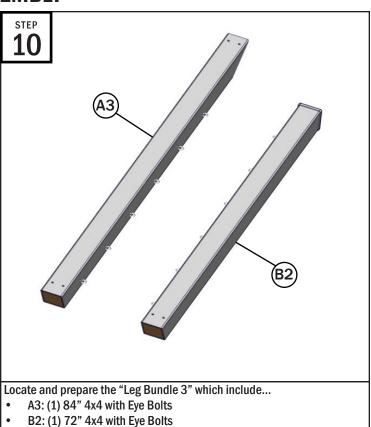
- A2: (2) 84" 4x4
- D1: (1) 60" 2x6
- D2: (1) 60" 2x6 with Rope Holes
- D3: (1) 56" 2x4
- D4: (1) 56" 2x4 with Rope Holes



Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

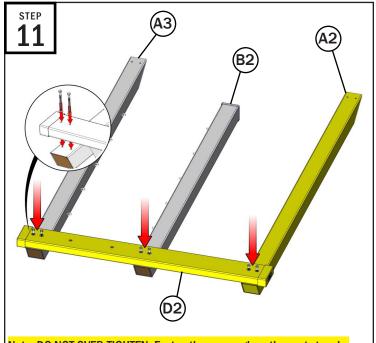
- Place "A2" underneath the open end of "D1" with the sharper angled end at the top matching "A1". Line up the holes on "A2"&"D1".
- Using (2) 9/16" x 4" Lags & 3/8" Washers, drill into the holes of "D1" so that the tip of the lags are showing on the other side.
- Use the tip of the lags to find the holes on "A2".
- Finish fastening the items together.





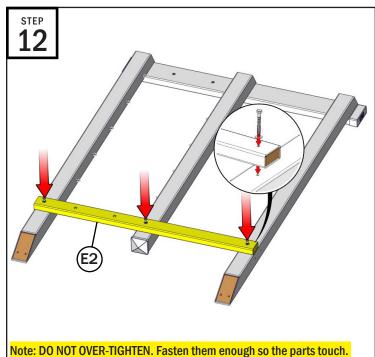
• B2. (1) 72 4x4 with Eye Boits

Just like the stairs, place "A3"&"B2" with the eye bolts facing each other. You will need the items opened previously ("A2", "D2", & "E2)



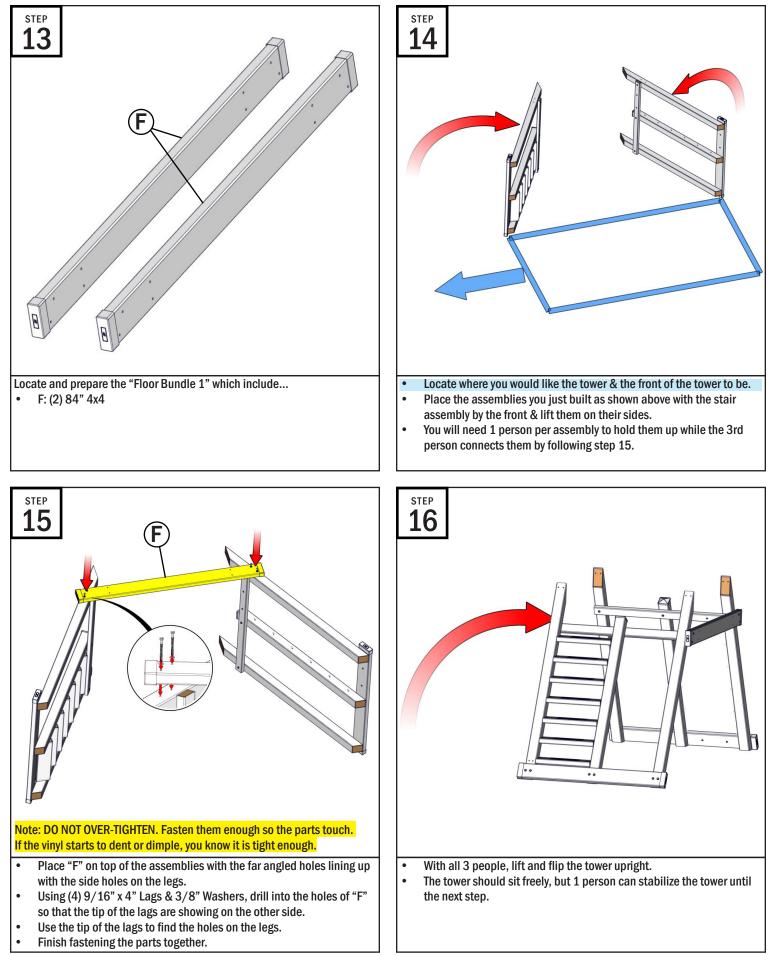
Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

- Just like the stair assembly, you will place "D2" on top of "A3"& "B2", then put "A2" on the right side of "D2". Make sure the rope holes on "D2" are between the eye bolts.
- Using (6) 9/16" x 4" Lags & 3/8" Washers, drill into "D1" and use the lag tips as a guide to line up the bottom holes on "A3", "B2", & "A2".
- Fasten everything together.

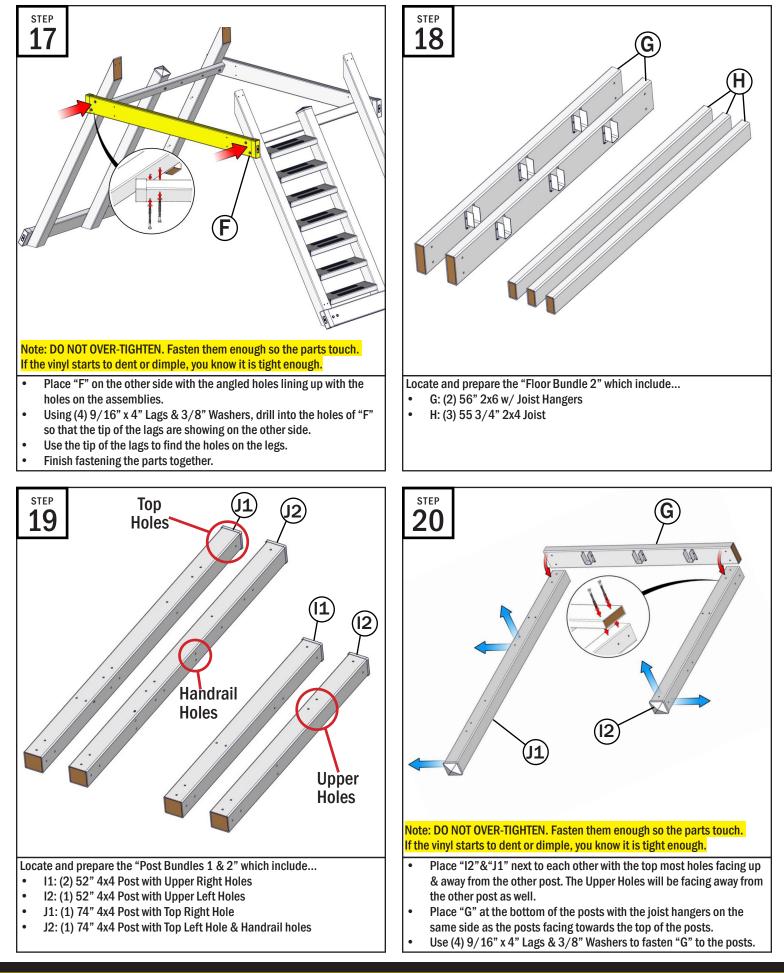


If the vinyl starts to dent or dimple, you know it is tight enough.

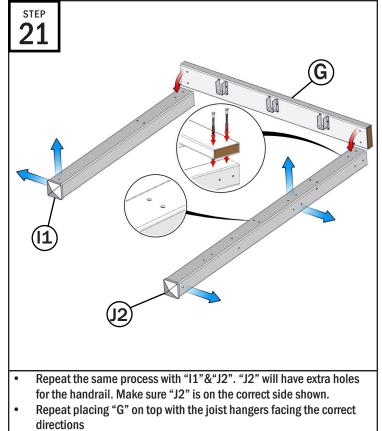
- Flip the assembly over and place "E2" on the back side towards the top of the assembly. Make sure the rope holes are between the eye bolts.
- Using (3) 9/16" x 4" Lags & 3/8" Washers, drill into "D1" and use the lag tips as a guide to line up the bottom holes on "A3", "B2", & "A2".
- Fasten everything together.



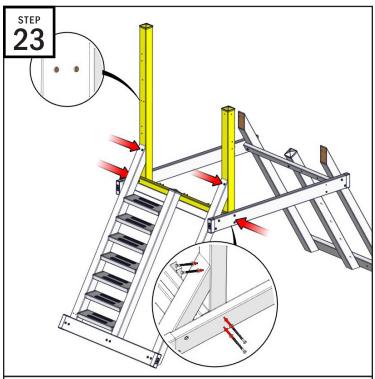
#### **TOWER ASSEMBLY**



#### **TOWER ASSEMBLY**

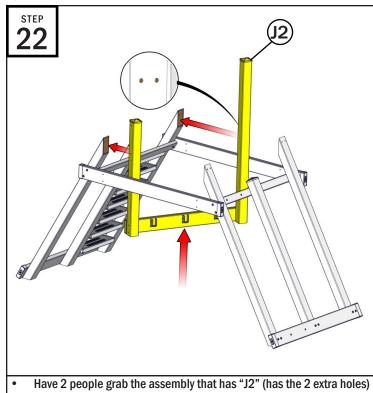


• Use (4) 9/16" x 4" Lags & 3/8" Washers to fasten "G" to the posts.

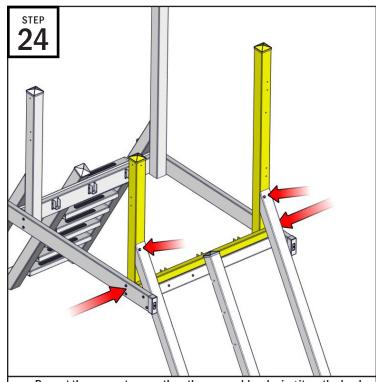


• The 3rd person will use (8) 9/16" x 4" Lags & 3/8" Washers to fasten the assembly to the tower.

Note: The 2 people holding the assembly will have to adjust this a bit to get the Lags into the holes.

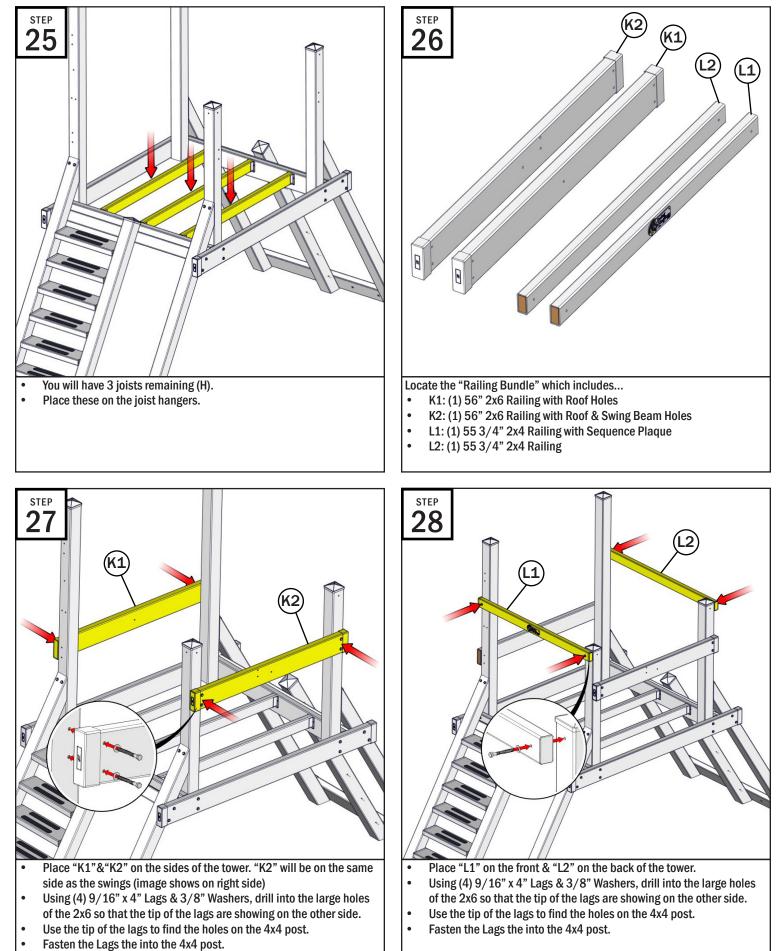


- & carefully angle the assembly so it fits easily in the tower.
- Make sure the joist hangers are facing the inside of the tower and the posts are facing upwards.
- You will need to wedge the assembly to the front (side with the stairs) of the tower so that the posts are against the 4x4 legs.

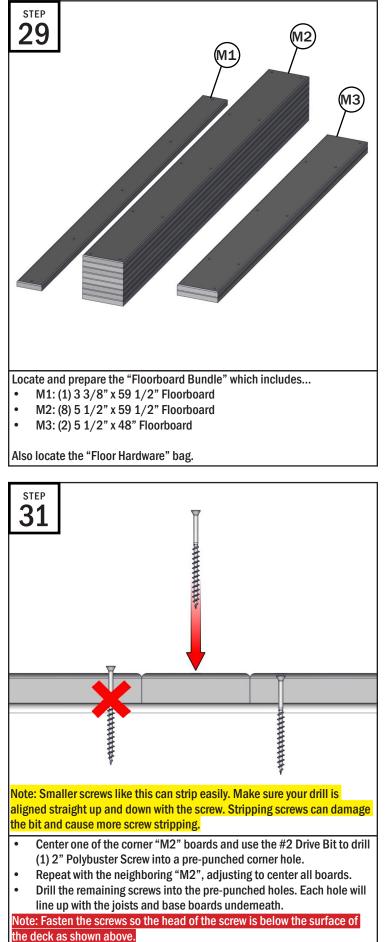


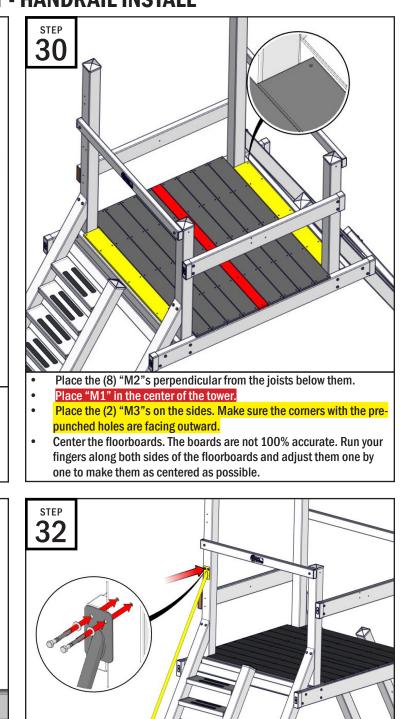
- Repeat the same steps on the other assembly, placing it on the back side of the tower.
- Make sure the joist hangers are facing the inside of the tower.

#### **TOWER ASSEMBLY**



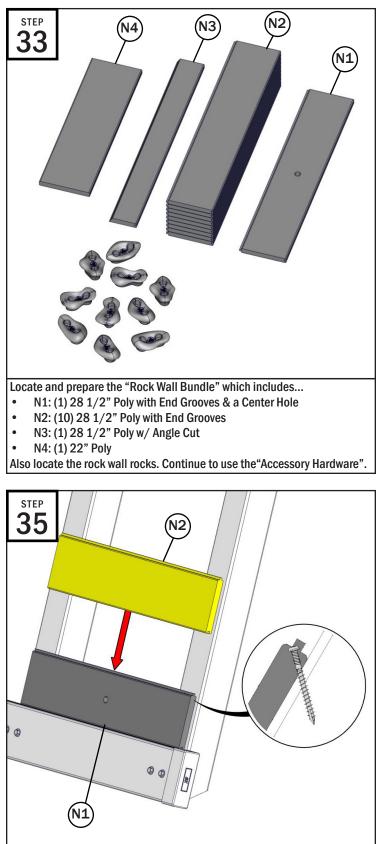
## **FLOOR ASSEMBLY - HANDRAIL INSTALL**



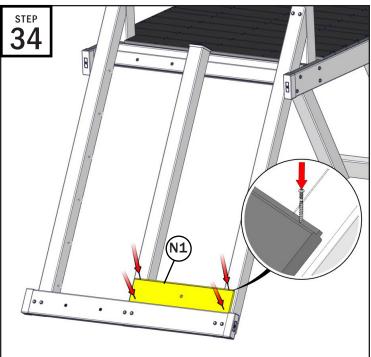


- Locate the Climber Handrail. The hardware for this will be wrapped up
  - with the handrail.
    Place the Handrail next to the stairs with the bent end of the handrail
  - Place the Handrail next to the stairs with the bent end of the handrail at the bottom. Align the holes with the 4x4 post and leg.
  - Use (4) 1/2" x 1 1/2" Lags & 5/16" Washers to fasten the handrail to the tower.

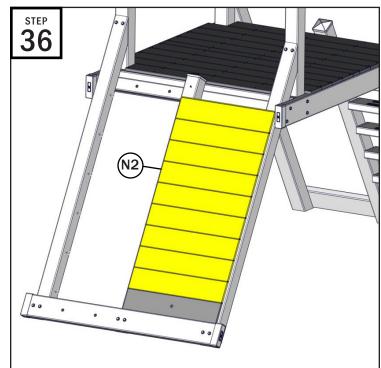
# **ROCK WALL ASSEMBLY**



- To give enough space for the next slat, you need to drill the screw far enough so that the screw head is underneath the poly surface.
- Place "N2" on top of "N1" so that the female groove of "N2" fits over the male groove of "N1".
- Repeat the same fastening method by using (2) 2" Polybuster Screws to fasten "N2" down.

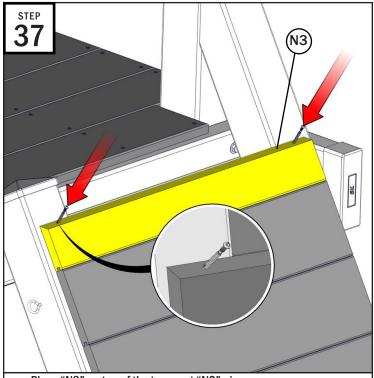


- On the back right side of the tower legs, place "N1" which has the center hole down with the male groove facing up.
- Center "N1" on the two 4x4 legs.
- Use (2) 2" Polybuster Screws at the bottom of "N1" to fasten to the 4x4 leg posts.
- To minimize the amount of visible hardware, drill (2) 2" Polybuster Screws into the top groove of "N1" at an angle.

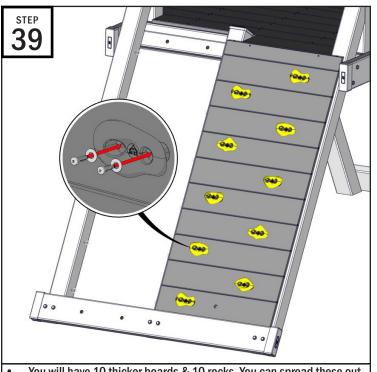


• Repeat the same process for the other (8) "N2" parts fastening them 1 by 1 as you go.

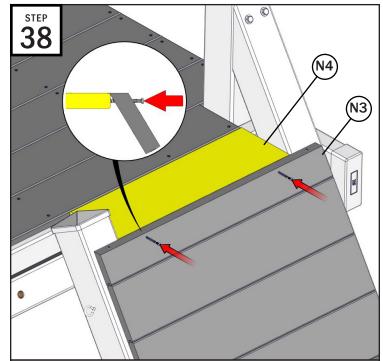
# **ROCK WALL ASSEMBLY**



 Place "N3" on top of the top most "N2" piece.
 "N3" will have a flat end on top. You will need to angle (2) 2" Polybuster Screws to fasten "N3" to the 4x4 legs. The screw heads might be over the surface of the poly slightly.

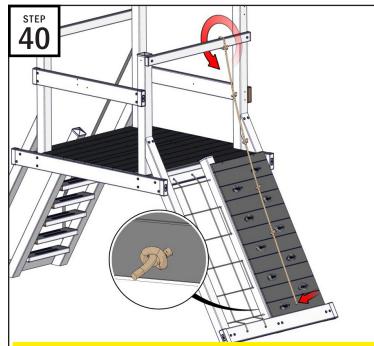


- You will have 10 thicker boards & 10 rocks. You can spread these out evenly as shown above or you can place them wherever you would like.
- One at a time, place a rock, use (1) 1/4" x 1 1/4" Pan Head Screw & 5/16" Washer, but don't fasten tightly.
- Orientate the rock to your liking (horizontal in image) & use another screw to fasten the rock the rest of the way.
- Don't forget to tighten the other side.



- Place "N4" between the "N3" and the floorboard decking.
- 1 person will have to fasten this board down while a 2nd will hold the board in place.
- Use (2) 2" Polybuster Screws to fasten through the front of "N3". Make sure the screws are horizontal to hit "N4" correctly.

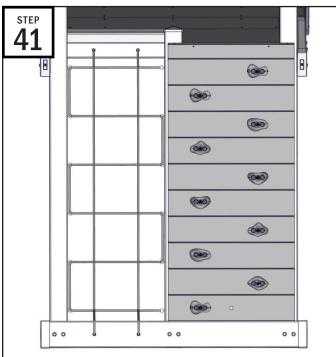
Note: You may want to use a 3rd screw in the center for extra durability.



Note: Locate the 3 ropes. 2 ropes will have a 5/8" diameter when the other has 1" diameter. For this step, you will need the thicker 1" rope.

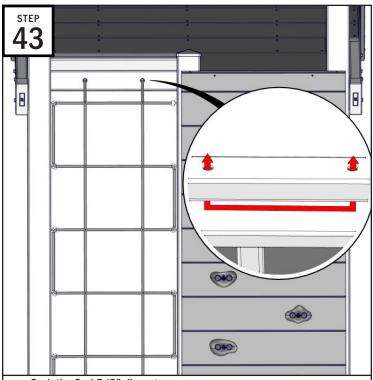
- Loop one end of the rope around the tower 2x6 railing above the rock wall and tie it to itself to fasten the rope to the tower.
- Add a few knots in the middle of the rope spaced evenly apart.
- There is a hole at by the bottom of the rock wall. Place the other end of the rope through there, leave some slack, and tie the rope in a knot on the underside of the rock wall.

# **CARGO NET ASSEMBLY**

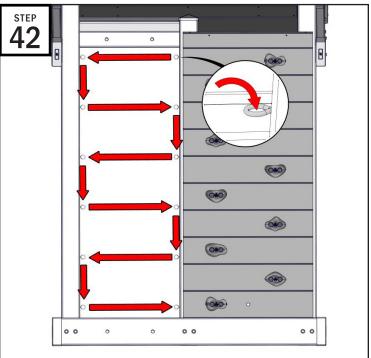


For the Cargo Net, you will utilize both of the thinner ropes (5/8) diameter).

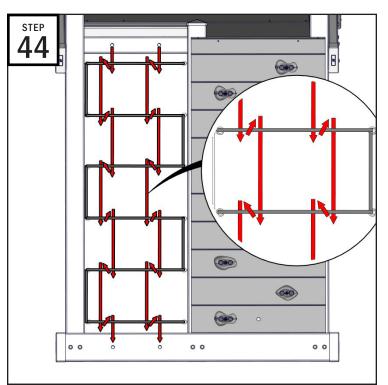
- For the next few steps, you will need to carefully follow the steps.
- We want to have the cargo net as tight as possible, so you will want to pull the rope tight for every loop you make in the following steps.



- Grab the 2nd 5/8" diameter rope.
- Go under the tower and loop the rope through the holes so that the ends of the rope will be facing away from the playset.
- Pull both ends of the rope evenly. The center of the rope will be hidden behind that top 2x4.
- Let the rope ends hang behind the eye bolt rope.

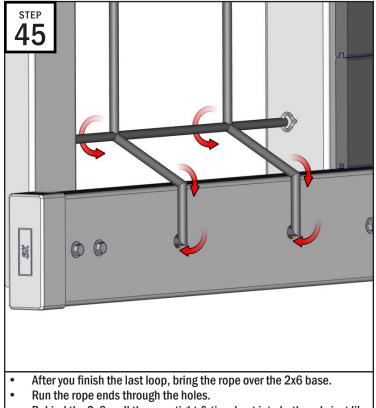


- Start at the top right eye bolt. Loop one rope through the bolt.
- Tie the end of the rope in a knot so it won't slip through the bolt.
- Following the above pattern, looping the rope through each bolt. (Go across, down, across, down, and continue until you reach the bottom.)
- The last eye bolt will be on the same side you started on. Loop the end
- of the rope through the bolt and knot the end of the rope pulling tight.
- Tuck any excess rope under the leg so it's out of the way.

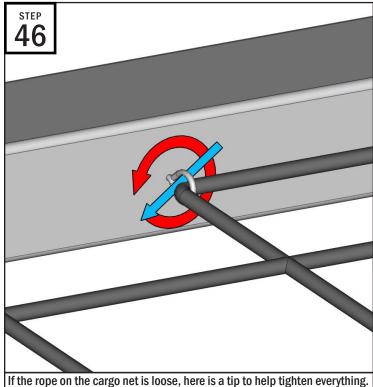


- Loop the rope around the horizontal rope. All loops will go under the horizontal rope. Alternate left and right sides for each loop.
- Both rope ends/sides will go to the same direction (right-right or left-left).
- Continue the patter, pulling tight as you go.

# **CARGO NET ASSEMBLY**

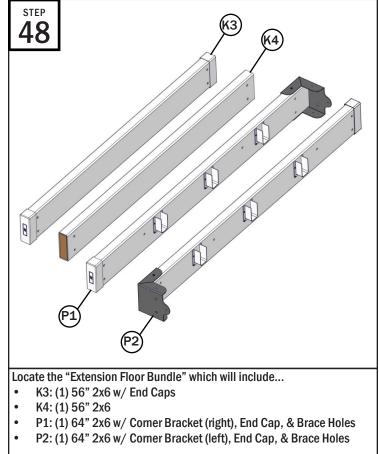


- Behind the 2x6, pull the rope tight & tie a knot into both ends just like the rock wall rope.
- Tuck any excess rope under the leg so it's out of the way.

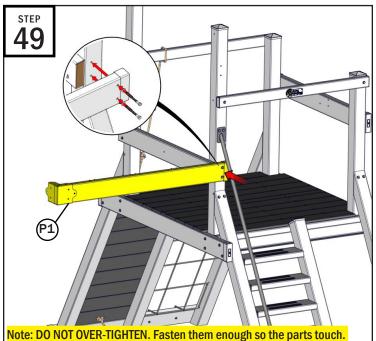


- Insert a screwdriver end through the eye bolt.
- Twist the eye bolt (It is not recommended to rotate more than 1 1/2 rotations). This will twist the rope around the eye bolts making the cargo netting tighter.
- Continue on the other eye bolts as needed.



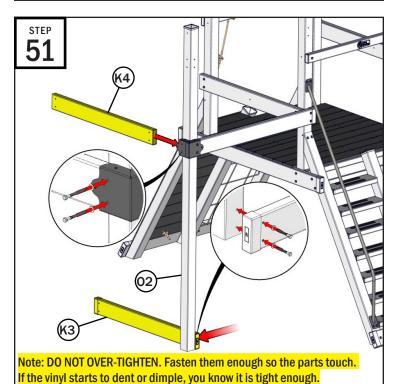


# **EXTENSION TOWER ASSEMBLY**

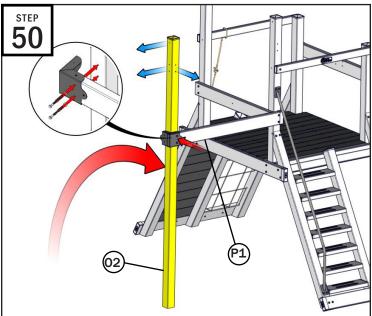


Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

- Place "P1" on the front of the tower under the handrail with the corner bracket side facing away from the tower & the joist hangers are on the inside with the openings facing upwards.
- Use (2) 9/16" x 4" Lags & 3/8" Washers to help align & fasten "P1" to the 4x4 post on the existing tower.
- You can start fastening the other side to help find the holes for the next step if you wish.



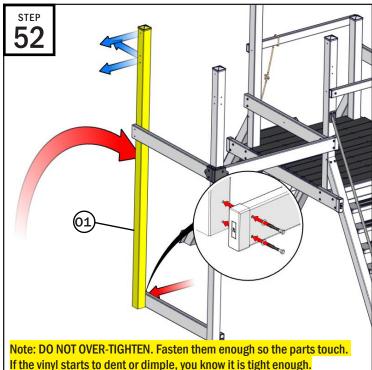
- Place "K3" at the base of "02".
- Place "K4" inside the corner bracket opening.
- Line up the holes on each & fasten them together using (4) 9/16" x 4" Lags & 3/8" Washers.



Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

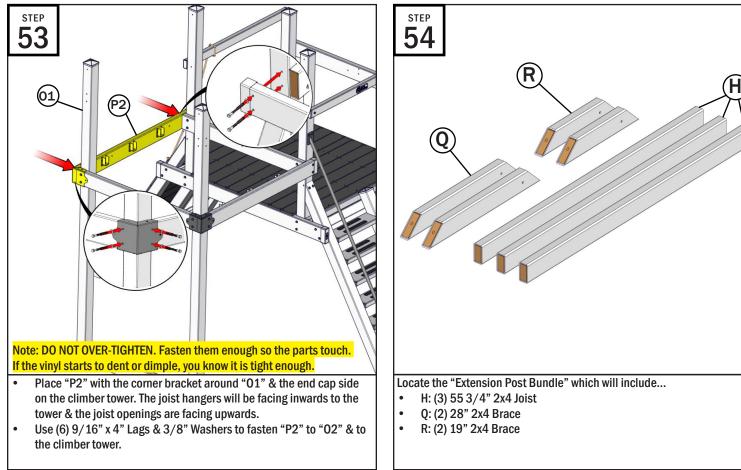
- Place "02" on the ground and flip it up to the corner bracket side of the free hanging "P1".
- Make sure the top hole is facing away from the climber tower and there are 4 holes that line up with both sides of the corner bracket.
- Use (2) 9/16" x 4" Lags & 3/8" Washers to help align & fasten "02" to "P1"

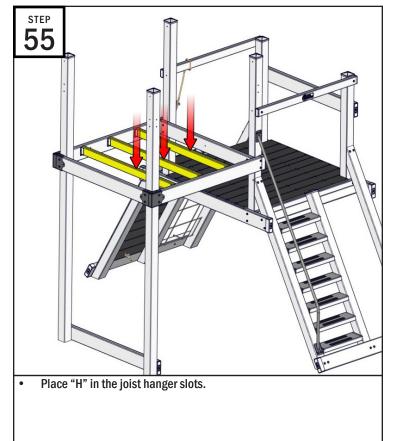
Note: Do not fasten the corner bracket side that doesn't have a 2x6 post in.

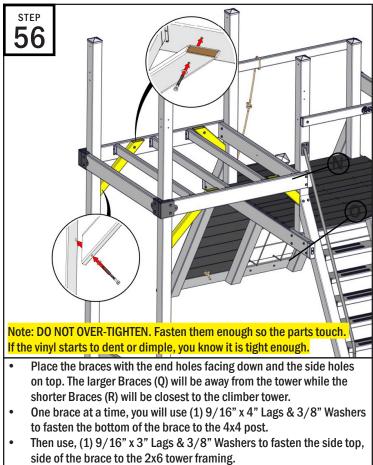


- Place the base of "01" outside the other end of the 2x6 base.
- Flip "01" up with the top hole facing away from the tower & the side holes are facing away from the tower & backwards.
- There will be 2 bottom holes that line up with the 2x6 base.
- Use (2) 9/16" x 4" Lags & 3/8" Washers to fasten the base.

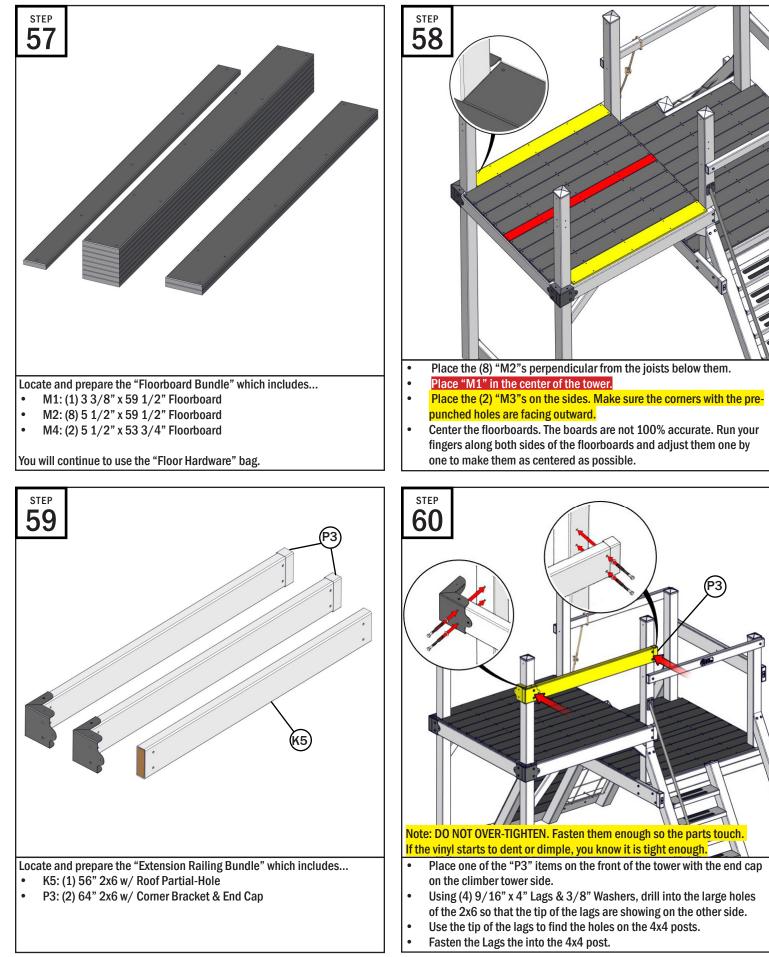
# **EXTENSION TOWER ASSEMBLY**



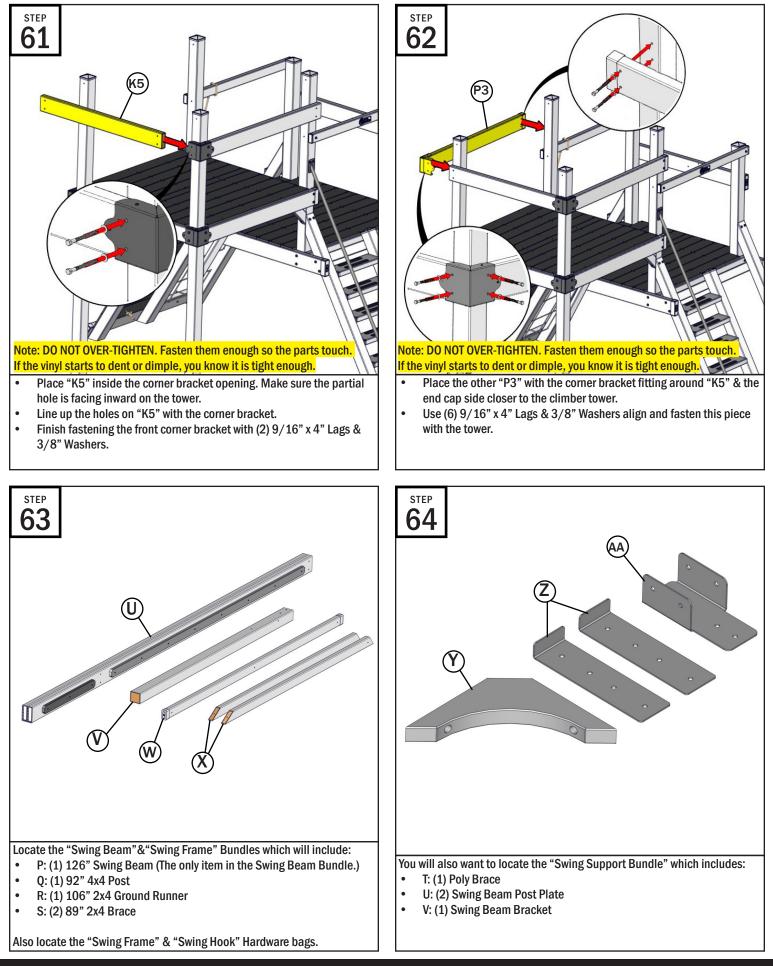




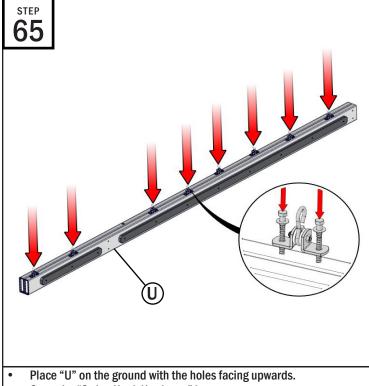
# **EXTENSION TOWER ASSEMBLY**



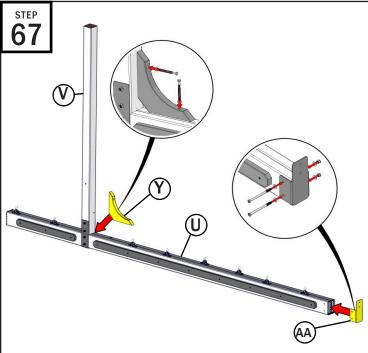
# **EXTENSION TOWER ASSEMBLY - SWING FRAME ASSEMBLY**



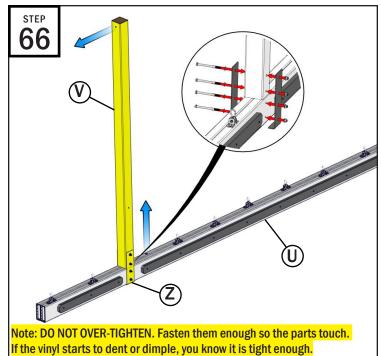
# SWING FRAME ASSEMBLY



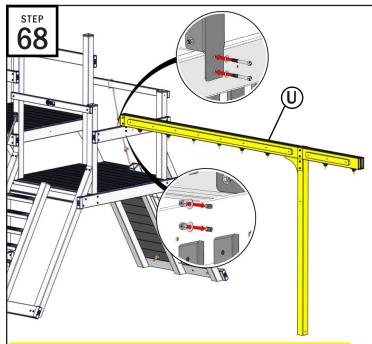
- Open the "Swing Hook Hardware" bag.
- Place the swing bearings aligning them with the pre-drilled double holes. Ignore the single hole towards one of the ends for now.
- Fasten the bearings using (12) 9/16" x 4" Lag (2 per bearing).



- Place "Y" in the corner between "V" & "U" aligning the holes of "Y" with the single holes on "V" & "U".
- Fasten "Y" using (2) 9/16" x 4" Lags & 3/8" Washers.
- Slide "AA" on the other side of "U" aligning the side holes on both. Make sure the straight section on "AA" faces upwards.
- Fasten "AA" to "U" using (2) 9/16" x 5" Bolts, (4) 3/8" Washers and (2) 9/16" Locking Nuts.



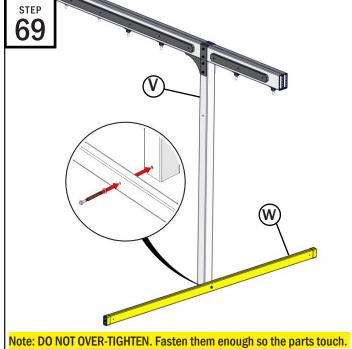
- Place "V" on top of "U" on the side of the single hole. "V" has a hole on one end that is centered. Make sure that hole is on the opposite and is facing away from "U"
- Place both "Z"s on each side of "U"&"V" aligning the holes as shown with the short end of "Z" going underneath "U".
- Fasten them together using (4) 9/16" x 5" Bolts, (8) 3/8" Washers and (4) 9/16" Locking Nuts.



#### Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

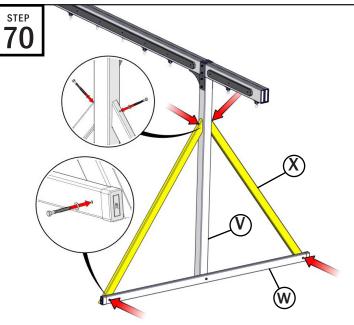
- Flip the Swing Frame upright and rest the unsupported end of "U" on the railing of the tower with the bracket on the inside of the tower.
- Align the holes on the bracket with the holes on the 2x6 Railing.
  Fasten them together using (2) 9/16" x 2 3/4" Bolts, (4) 3/8" Washers and (2) 9/16" Locking Nuts.

# SWING FRAME ASSEMBLY - ROOF ASSEMBLY (1)



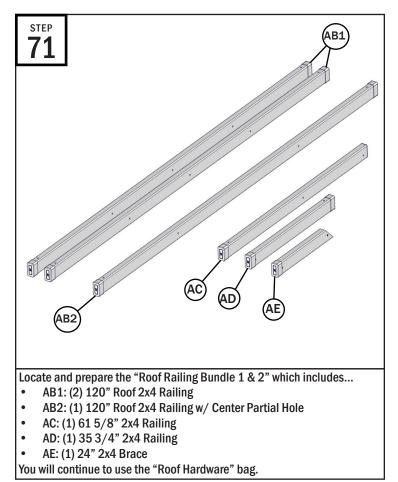
If the vinyl starts to dent or dimple, you know it is tight enough.

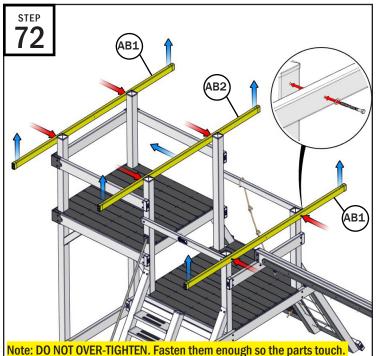
- Place "W" on the ground on the outside of "V".
- Align the center hole on "W" with the hole at the bottom of the "V".
- Fasten together using (1) 9/16" x 4" Lags & 3/8" Washers.



Note: DO NOT OVER-TIGHTEN. Fasten them enough so the parts touch. If the vinyl starts to dent or dimple, you know it is tight enough.

- Place the (2) "X" braces on both side of the "V". Align the pre-drilled holes. You may need to flip the ends if the holes don't line up.
- Fasten the top of "X" to the 4x4 Post using (2) 9/16" x 4" Lags & 3/8" Washers.
- Fasten the bottom of "X" ends to the "W" 2x4 using (2) 9/16" x 3" Lags & 3/8" Washers.

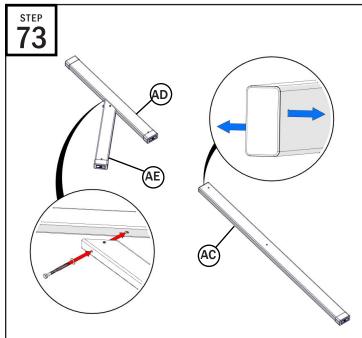




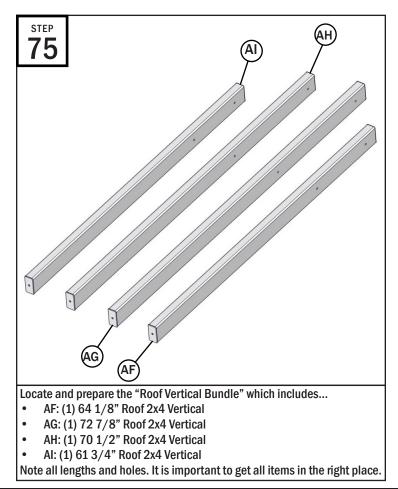
If the vinyl starts to dent or dimple, you know it is tight enough.

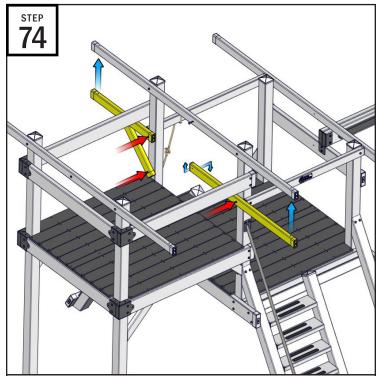
- One at a time, place both the roof railings at the top of the 4x4 posts with the end holes facing upwards. Both "AB1"s will be on the outside of the tower. "AB2" will be in the center with the center hole facing the extension tower.
- Fasten each item using (2) 9/16" x 4" Lags & 3/8" Washers.

# **ROOF ASSEMBLY (1)**

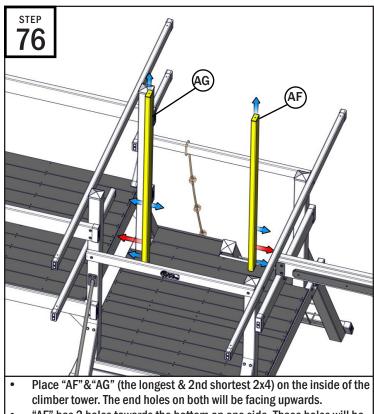


- "AC" will have an end cap on one end with 2 different holes on the sides. The upper hole will be on the extended tower side when the lower hole will be on the climber tower side.
- "AE" will get fastened to "AD" with (1) 9/16" x 4" Lags & 3/8" Washers. Make sure "AE" is on the same side as "AD" that has the through hole on the side of it. "AD" will have a hole on the top of it. That will be on the opposite end facing away from "AE".



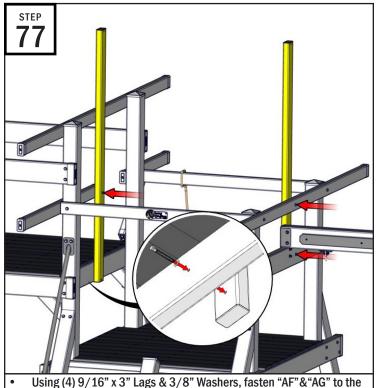


- As oriented in the previous step, you will place them on the extension tower the same way. Make sure the end holes are facing upwards and will be on the outside of the towers.
- Using (3) 9/16" x 4" Lags & 3/8" Washers, fasten the items to the tower.

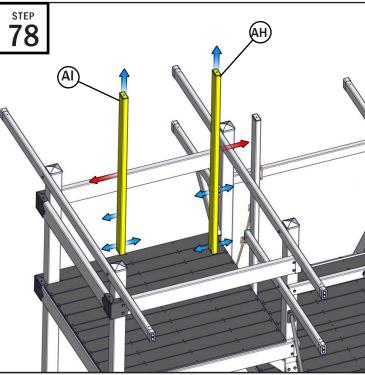


"AF" has 2 holes towards the bottom on one side. Those holes will be facing outwards and "AF" will go on the right side of the climber tower.
"AG" has 2 holes towards the bottom. The bottom most hole is on one side. That side will go against the railings.

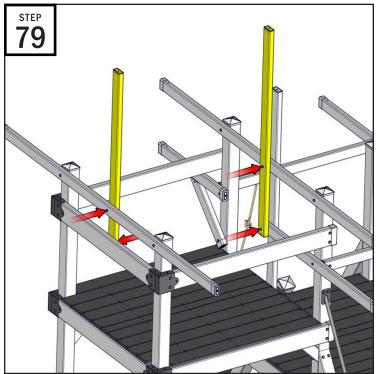
# **ROOF ASSEMBLY (1) - POLY SLAT ASSEMBLY**



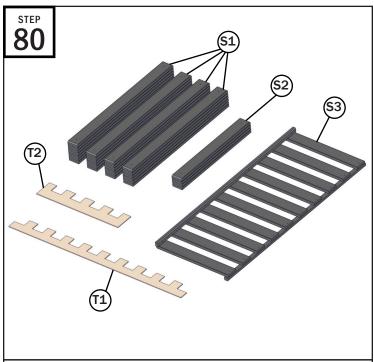
- Using (4) 9/16" x 3" Lags & 3/8" Washers, fasten "AF" & "AG" to the tower.
- All screws will go in through the right side of the tower except bottom left, which will go through the left side (under the extension tower)



- Place "AH" & "AI" (2nd longest & the shortest 2x4) on the inside of the extended tower. The end holes on both will be facing upwards.
- "AH" will go on the right side towards the climber tower. The holes on this are through holes, so the orientation does not matter.
- "Al" has 2 holes towards the bottom. The upper hole is only on one side, which will go against the railings on the left side of the tower.



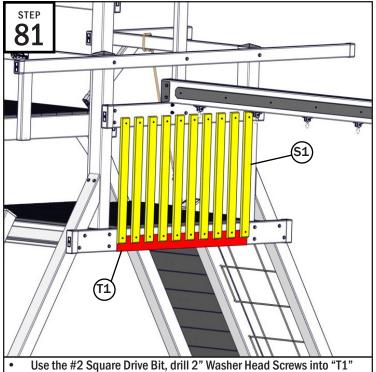
- Using (4) 9/16" x 3" Lags & 3/8" Washers, fasten "AH" & "AI" to the tower.
- All screws will go in through the left side of the tower except bottom left, which will go through the right side.



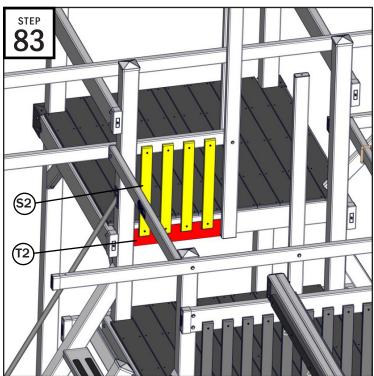
Locate the "Poly Slat Bundle" & the Slat Templates which will include...

- S1: (25) 3/4" x 2 5/8" x 33 3/8" Poly Slats
- S2: (4) 3/4" x 2 5/8" x 24" Poly Slat
- S3: (1) Poly Slat Assembly
- T1: (1) 5x5 Poly Slat Template
- T2: (1) Extension Poly Slat Template
- Also locate the "Poly Slat Hardware" bag.

# **POLY SLAT ASSEMBLY**

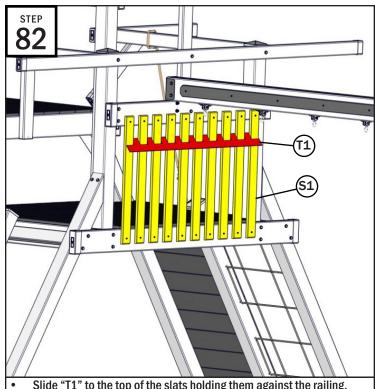


- just enough so it is not or barely protruding through the other side.
  On the right side of the tower, place "T1", aligning the bottom flush with the bottom of the 2x6 and center on the tower. Have a 2nd person or use a clamp to hold "T1" securely.
- One at a time, place "S1" in the groove of "T1" and fasten the bottom screw into the 2x6.



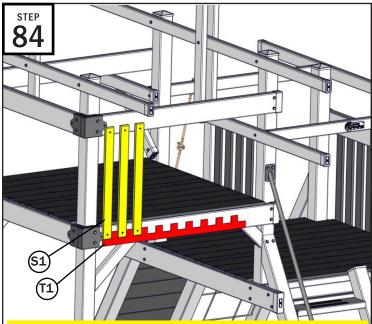
- Grab the smaller slats (S2) & template (T2).
- Repeat the same process between the two towers on the left side.
   "T2" will fit between the posts & the (4) "S2" will fit in the grooves of "T2".

Note: This area will use all 4 Small slats. You are done using "T2".



- Slide "T1" to the top of the slats holding them against the railing.
  Use a level on the first slat to get it aligned correctly. "T1" will help align the rest of the slats.
- Fasten the top slats with the same hardware in the previous step.

Note: This side of the tower will use 10 slats to cover the entire side.

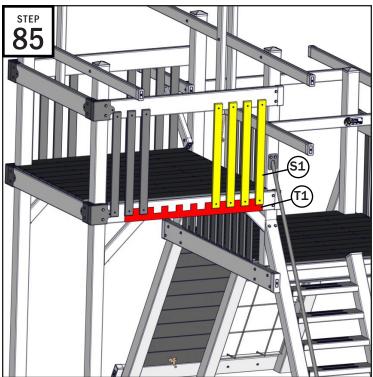


Note: The slats on the end will go over the corner bracket slightly. To center "I", you can measure to center or align the sides of "I" with the screws on the corner brackets.

- Grab 3 more "S1" slats & "T1".
- Repeat the same process on the front of the extended tower. The edge of "T1" will align around the smaller screw on the corner bracket.

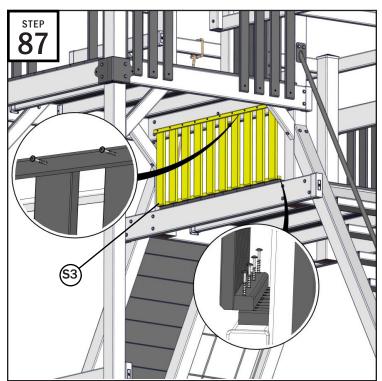
Note: This area will use all 3 slats on this side of the front

# POLY SLAT ASSEMBLY - ROOF ASSEMBLY (2)



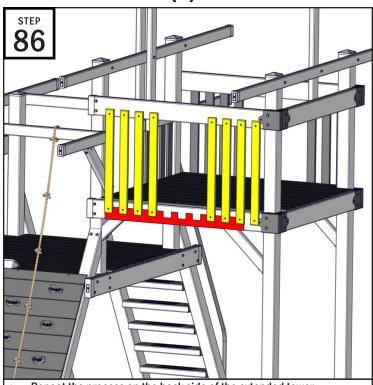
 On the same side, move "T1" down 1 "S1" so that "T1" is further to the right of the tower. This way you can reach far enough to mount the rest of "S1" for this side of the tower.

Note: The entire front side will have 7 poly slats (3 on the left & 4 on the right) & will leave an opening for the slide.



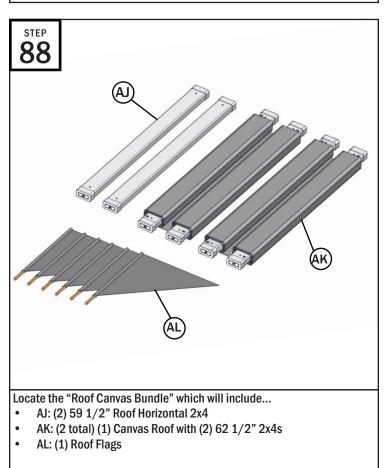
• "S3" will fit between the 2 towers, underneath the deck of the extended tower. The flat slim section with a flat base will sit right on the edge of the climber tower while the top section will sit against the 2x6 floor on the extended tower.

Fasten these using 2" Washer Head Screws.



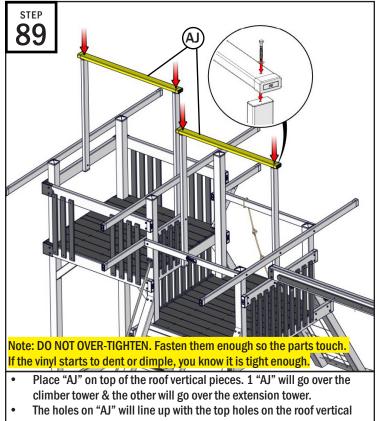
Repeat the process on the back side of the extended tower.

Note: The entire back side will have 8 poly slats (4 on each side) & will leave an opening for the tic-tac-toe board.



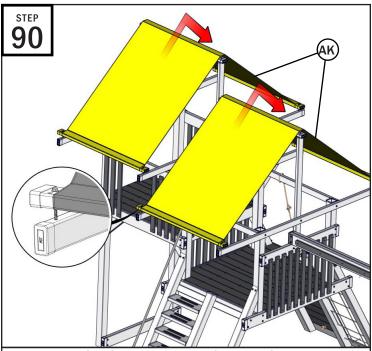
Also locate the "Roof Hardware" bag again.

# **ROOF ASSEMBLY (2)**

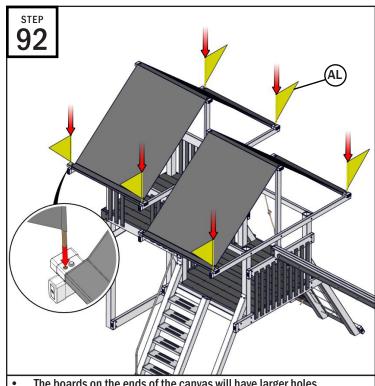


- pieces.
  Fasten "AJ" to the vertical pieces using (4) 9/16" x 4" Lags & 3/8" Washers.
- - Align the holes on the other side of the roof.
  - Fasten using (2) 9/16" x 4" Lags & 3/8" Washers.
- Finish fastening the 2 Lags used to hold the original "Z" board from the previous step.

Note: This step will help tighten the canvas, so keep an eye on the canvas during this step.

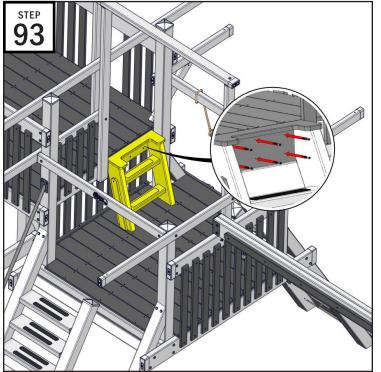


- Place one of the "AK" boards on one of the ends of the long railings. Make sure larger holes on "Z" are facing upwards.
- Using (2) 9/16" x 4" Lags & 3/8" Washers, drill into the smaller "AK" holes and drill into the railing end holes enough so that "AK" stays in place like the detail view above.
- Drape the "AK" Canvas over "AJ".
- Place the other "AK" board on the other end of the long railings.
- Repeat for the other canvas roof.



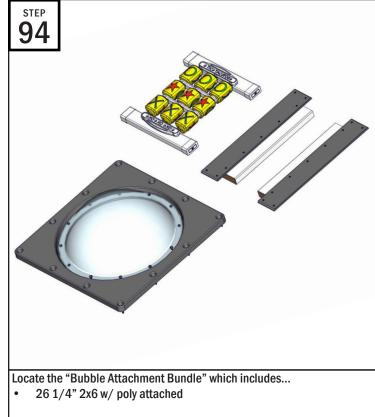
The boards on the ends of the canvas will have larger holes.
Place the (6) "AL" Flags in each of them. (The climber tower has 2 that won't be used since the roof railing above it will be in the way.)

# **ACCESSORY INSTALL**

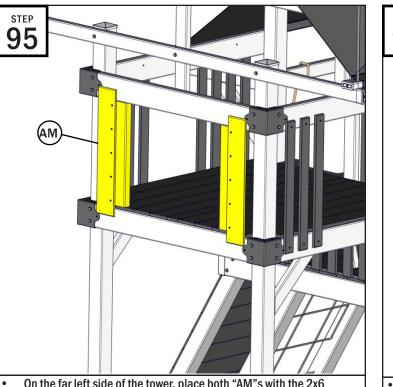


Locate the Ladder & the "Accessory Hardware" bag.

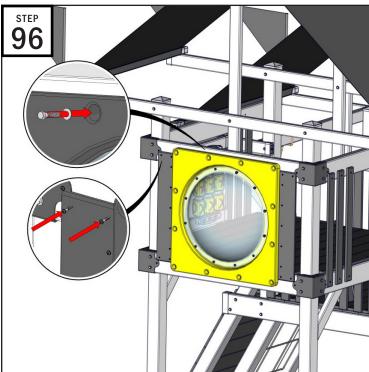
- Place in on the climber tower leading up to the extended tower in the opening.
- Using the 2 Square Drive Bit, drill (6) 2" Washer Head Screws through the back poly on the ladder into the tower 2x6.



Locate the Bubble Panel & the Tic-Tac-Toe Panel.

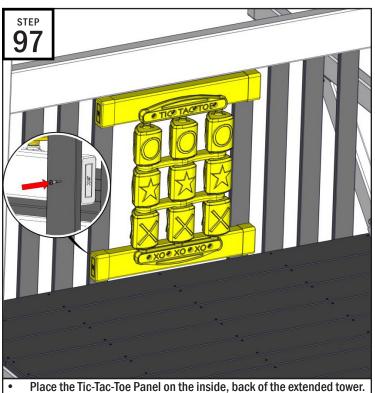


• On the far left side of the tower, place both "AM"s with the 2x6 between the decking & the railing. The Poly pieces will face away from each other.

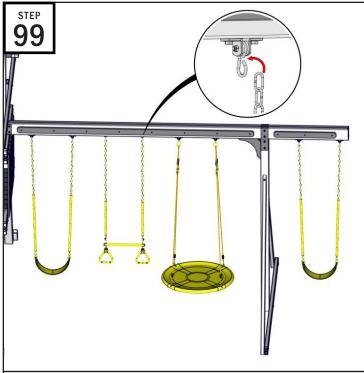


- Place the Dome on the Plate by lining up the holes and use the bolts provided with the bubble panel.
- Place the Bubble Panel between both "AM"s.
- Fasten the "AM"s using (8) 2" Washer Head Screws.
- Center the panel & Fasten to the tower using the lags provided.

# **ACCESSORY INSTALL**

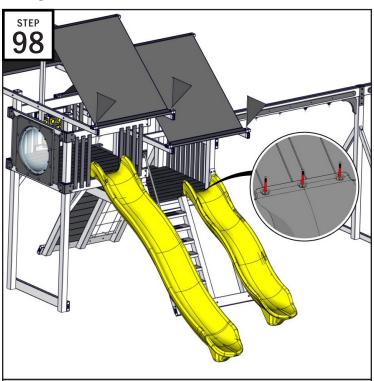


- Center the panel
- On the outside of the tower, fasten the panel to the poly slats using (4) 2" Washer Head Screws.

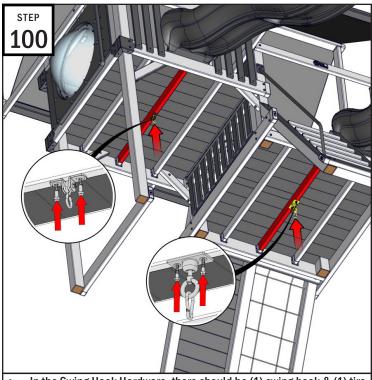


Locate the (2) Belt Swings, Trapeze, & the Web Swing.

- Hang all items from the Swing Hooks on the Swing Beam.
- There will be excess chain to adjust the height of the swing to the appropriate height.

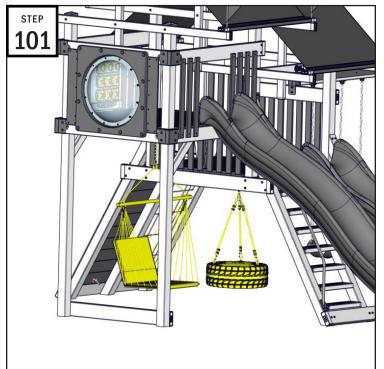


- Locate the 2 Avalanche slides. There will be a 10' & a 14'.
- Place the 10' on the climber tower next to the steps.
- Using (3) 1/4" x 1 1/4" Pan Head Screws & 5/16" Washers to fasten the slide to the tower decking.
- Place the 14' slide on the front of the extended tower & repeat the same fastening process.



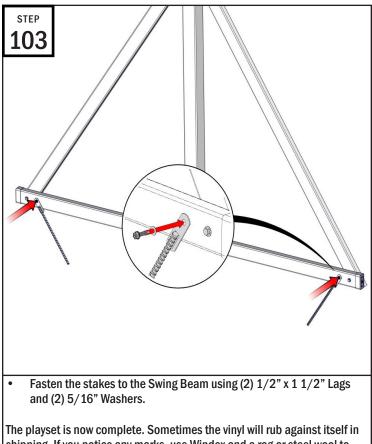
- In the Swing Hook Hardware, there should be (1) swing hook & (1) tire swivel attachment. The tire swivel will go under the climber tower & the swing hook will go under the extension tower.
- Like on the Swing Beam, mount these using (4) 9/16" x 3" Lags & 3/8" Washers. They will go on the center-most point on the center joists.

# **ACCESSORY INSTALL - STAKE INSTALL**

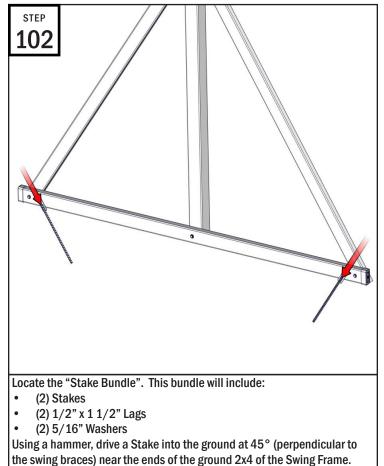


Locate the Hammock Swing & the Tire Swing.

- Hang the Hammock Swing onto the swing hook under the extension tower.
- Hang all 3 chains from the tire swing onto the swivel hook underneath the climber tower.



shipping. If you notice any marks, use Windex and a rag or steel wool to clean. Do not overuse steel wool as it can permanently scratch the playset.



# **COMPLETED PLAYSETS**

Mega Climber 55 shown in Almond & Green



Mega Climber 55 shown in White & Gray





Technical Issues? Contact us at:

Support@swingkingdom.com 717-656-4449