gorilla playsets

Allegro

Model: 1900

(BOXES: 1900-1, 1900-2
& Slide Box)

190 Etowah Industrial Court
Canton, GA 30114
www.gorillaplaysets.com

Please inspect and inventory all parts immediately upon accepting delivery. Use the inventory pages in the manual to make sure you have received all necessary parts. The quickest method to get any parts that are missing or damaged is to use our “Quick Response Center” located at:

www.gorillaplaysets.com/support

DO NOT RETURN THIS PRODUCT TO THE RETAILER OR CONTACT THE RETAILER DIRECTLY. THE RETAILER DOES NOT STOCK COMPONENTS.

PLEASE RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. CHECK FOR REVISED INSTRUCTIONS AT:

www.gorillaplaysets.com/manuals

GORILLA PLAYSETS WARRANTY – 2015

Gorilla Playsets® ("Gorilla") warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions, for 10 years for above ground structural wood components and for one year for all other components (e.g., swings, hardware, plastics, tarps, rope ladder, etc.).

Gorilla warrants all remaining products, including but not limited to its , Free Standing Swing Set, Free Standing Tire Swing, See-Saw, Children's Picnic Table with Umbrella, Play-Zee-Bo™, Cedar Toy Chest and spring riders to be free from defects in workmanship and materials, under normal use and conditions, for a period of 1 year.

Cosmetic imperfections and natural tendencies of wood such as peeling, splintering, warping, seasonal checking or cracking, knots or knot holes, etc. are normal characteristics of all outdoor wooden play equipment and are not covered by this warranty. Checks or cracks in wood components that do not affect the intended function of the part, piece or overall swing set are not covered under this warranty.

Wood rot or decay that develops because the product was installed in an area with poor drainage is not covered under this warranty. Lumber that has been damaged by wood boring bees, or conditions that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading of stain, discoloration or mold on any wood part or accessory is not covered by this warranty. Cracks in plastic components, surface rust on hardware and chips on powder coated materials are not considered defects in material as long as they do not affect the functionality or structural integrity of the part or component.

It is the owner's responsibility to maintain the swing set. **This includes but is not limited to staining and sealing the lumber as needed and regular inspection to be sure all hardware is tight.** Instructions for proper maintenance can be found on Gorilla's website. Imperfections or conditions that develop because of a failure to properly maintain the swing set are not covered by this warranty.

Gorilla will, at its discretion, replace any above ground part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect, which, at Gorilla's discretion, may be accomplished by submitting photographs or by delivery of the defective part to Gorilla Playsets • 190 Etowah Industrial Ct. • Canton, GA 30114 • 1-800-882-0272 Monday to Friday 9AM-5PM EST. Any warranty claim must include proof of purchase, including the date of purchase. **In addition, within the first 30 days from the date of purchase, Gorilla will replace any parts discovered to be missing from or damaged in the original packaging.**

This warranty is valid only if the product is used for the purpose for which it was designed and installed at a residential, single-family dwelling. This warranty is void if the product is used in a commercial, institutional or multi-family setting. **This warranty does not cover normal wear and tear or (a) products that have been damaged by acts of God and/or nature, negligence, misuse or accident; (b) products that have been modified or repaired by unauthorized persons; (c) the cost of labor; or (d) the cost of shipping any replacement product or part.**

GORILLA DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. GORILLA WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. Some states do not allow limitations on implied warranties or exclusion of incidental or consequential damages, so these restrictions may not be applicable to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

IMPORTANT SAFETY GUIDELINES

This product is recommended for use by children ages 3-11. This product is intended for residential use only and not intended for use in any public setting. A safety surface such as mulch or recycled tire should be used under the play set to prevent injury from falls. Also a 6 foot safety zone should be used around the entire play set.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. Gorilla recommends you follow all tool manufacturers' safety guidelines. Always wear eye protection and safety gloves to prevent injury. In several phases of construction two people may be required for lifting and securing of lumber. While the play set is being constructed, please keep children off the equipment until the project is complete. Bolts and screw heads should be checked regularly for tightness. The ground ladder, rope ladder, slide, swings and other areas where children spend a majority of their playtime should be checked more frequently.

Gorilla shall not be liable for incidental, indirect or consequential damages or injuries that result from building and/or playing on our play sets. Adult supervision is recommended anytime a play set is being used.

WEIGHT LIMITS FOR GORILLA PLAYSETS

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELT: 225 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD. UP TO 140 LBS. TOTAL WEIGHT.
- TRAPEZE: 125 LBS.
- FULL BUCKET SWING/ HALF BUCKET SWING: 50 LBS.
- HEAVY DUTY TODDLER BUCKET SWING: 85 LBS.
- INFANT SWING: 35 LBS.
- TIRE SWING: 125 LBS. TOTAL WEIGHT
- ROPE LADDER: 75 LBS.
- ROCK WALL: 150 LBS.
- CLIMBING RAMP: 150 LBS.
- MONKEY BARS: 175 LBS.
- ALL SLIDES: 150 LBS.

Gorilla recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the play set and injury to the users.

WARRANTY REGISTRATION

- ALLEGRO -

Gorilla Playsets manufactures the finest quality products that are designed for outstanding strength and durability. We back our products with an unparalleled warranty. In the unlikely event that you will need to contact us about covered repairs, we must have a valid Warranty Registration on file.

3 EASY WAYS TO REGISTER		
OPTION 1	Fax this completed form to: **(678) 880-3329** **OR**	Mail this completed form to: **Gorilla Playsets 190 Etowah Industrial Court Canton, GA 30114**
OPTION 2	Complete the online registration form at: **http://www.gorillaplaysets.com/register**	
OPTION 3	Scan this QR Code with your smart phone to complete the form using your phone	

Where did you buy this product?:

_____

Date of Purchase Place of Purchase

Your registration information:

Name: _____ Email: _____

Address: _____

Street City State Zip

Please select your age? ☐ 18-30 ☐ 41-50 ☐ 31-40 ☐ 51+

How old are your children? ☐ 2-3 ☐ 6-7 ☐ 4-5 ☐ 8+

How would you rate the quality of this product?

☐ ★★★★★ Excellent
☐ ★★★★ Above Average
☐ ★★★ Average
☐ ★★ Below Average
☐ ★ Poor

Would you recommend this product to friends & family? ☐ Yes ☐ No

Comments: _____

_____

_____

_____

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IMPORTANT – PLEASE READ

Congratulations! You have just purchase one of the finest residential wooden swing sets available today. As with any wooden product that spends its entire life outside, in varying elements, it is important to know what to expect with your new swing set so that your family can enjoy it for many years.

As your swing set acclimates to its new environment, natural characteristics of the wood can show in the form of checks, or "cracks" in the lumber. In almost all cases this is normal and it will not affect the structural integrity of your play set and is not covered under warranty.

KEEPING YOUR PLAYSET LIKE NEW

MUST DO's

The following owner responsibilities are crucial to the safety, integrity and aesthetic appeal of your swing set and may affect the warranty if not adhered to.

WITHIN 60 DAYS

• Check and tighten Hex Bolts/T-nuts, Carriage Bolts/Lock-nuts, and Lag Screws within the first 60 days and then twice annually – once before each season and then once during the season.

WITHIN 90 DAYS

• Apply a **sealant** or **semi-transparent stain with sealant** within the first 90 days of owning the swing set. Our own Stain/sealant is available online here: http://www.gorillaplaysets.com/Playground-Sealant-p/10-0003.htm

Oil based stain or water based stain may be used. Should you choose to use other stain we suggest asking the product covering specialists at any number of specialty paint stores or home improvement centers for a product that would work best for your local environment. ** TIP – while the set is new, take a small board from to the store with you so they can color match the tint of the stain or sealant.

SEASONAL REMINDERS

• If your area experiences regular snowfall, remove your fabric tarp/canopy to avoid stretching, sagging or tearing of the material. Store it inside, folded up, and it will be as good as new when winter is over.
• If your area experiences extremely cold temperatures, remove swing belts and other pliable features to prolong the lifespan of these play activities.

OTHER TIPS

• Spray swing hangers with Pam, Mazola or olive oil to stop squeaking; do not use petroleum based products such as WD-40 or motor oil.
• To repel yellow jackets and wasps, use a cotton ball and dab interior wooden corners underneath the play set deck with a liquid dish soap. Avoid using insecticides.
• To speed up the slide wipe the center of slide with wax paper every 2 - 3 weeks.

For additional safety and maintenance guidelines, please visit our website.

IMPORTANT DOCUMENTS

CUSTOMER MUST READ AND RETAIN

Please go to the following links and read important SAFETY information prior to using your new play structure.

http://www.gorillaplaysets.com/Swing-Set-Safety-s/85.htm

https://www.gorillaplaysets.com/Maintenance-s/129.htm

http://www.gorillaplaysets.com/manuals.html (Click on your specific model)

http://www.gorillaplaysets.com/Warranty-s/82.htm

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious injury. Please review these safety rules regularly with your children.

WARNING:

Children must NOT use this play set until it has been completely assembled and inspected by an adult to ensure it has been properly installed.

Gorilla Playsets
190 Etowah Industrial Court
Canton, GA. 30114

Model: 1900

(BOXES: 1900-1, 1900-2,
& SLIDE BOX)

REV: 3.13.2014

TABLE OF CONTENTS

PLEASE READ OWNER'S MANUAL CAREFULLY BEFORE STARTING ASSEMBLY!

Safety and Maintenance Tips for Your New Play Set:

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

• This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor, 3 occupants who have a combined weight of 425 pounds on the swing area, for a total Unit capacity of 7 occupants who have a combined weight of 1225. (This weight does not include any picnic table area(s).)
• On-site adult supervision is required.
• Teach children not to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
• Teach children to sit in and never stand on swings
• Teach children not to twist the chains and ropes and not to loop them over the swing beam, since this may reduce the strength of the chain or rope.
• Teach children not to jump from swings or other playground equipment in motion.
• Teach children not to push empty seats. The seat may hit them and cause serious injury.
• Teach children to sit in the center of the swings with their full weight on the seats.
• Teach children not to use the equipment in a manner other than intended.
• Teach children to always go down slides feet first. Never slide headfirst.
• Teach children to look before they slide to make sure no one is at the bottom.
• Teach children to never run up a slide, as this increases their chances of falling.
• The parents should have the children dress appropriately with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
• Teach children not to climb when the equipment is wet.
• Teach children to never jump from a fort deck. They should always use the ladder, ramp or slide.
• Teach children to never crawl or walk across the top of monkey bars or swing beam.
• Teach children to never crawl on top of a fort roof or on the outside of a tube slide.
• Verify that any suspended climbing ropes, chains, or cables are secured at both ends and that they cannot be looped around an adult hand.
• Teach children not to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
• Teach children to never wrap their legs around swing chain.
• Teach children to never slide down the swing chain.
• Teach children to remove their bike or other sports helmet before playing on the playgound equipment.
• Teach children to NEVER look at the sun or other bright light through any accessory such as but not limited to a telescope, periscope or binoculars.

WARNING: Children must NOT use this play set until it has been completely assembled and inspected by an adult to insure it has been properly installed and the swing beam legs are anchored.

Safety and Maintenance Tips for Your New Play Set: (continued)

Playgrounds should be inspected on a regular basis. If any of the following conditions are noted, they should be removed, corrected, or repaired immediately to prevent injuries.

• Hardware that is loose, worn or that has protrusions or projections.
• Exposed equipment footings.
• Scattered debris, litter, rocks, or tree roots.
• Splinters, large cracks, and decayed wood components.
• Deterioration and corrosion on structural components, which connect to the ground.
• Missing or damaged equipment components, such as handholds, guardrails, swing seats.
• Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) We recommend you check the swing beam and hardware often due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
• Remove plastic swing seats and take indoors or do not use when the temperature drops below 32°F. Reinstall swings and other swing equipment at the beginning of the usage season.
• Oil all metallic moving parts monthly during the usage period.
• Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
• Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact us for warranted replacement parts.
• Swing chains, rings, ropes, etcetera should always be fastened to a rotating swing hanger. NEVER attach a chain, ring, rope, etcetera to a stationary hanger such as but not limited to an eye bolt. Severe wear could occur leading to an injury.
• For rusted areas on metallic members such as monkey bars, hand supports brackets, etc.; sand and repaint, using a non lead-based paint meeting the requirements of Title 16 C.F.R. Part 1303. These requirements are available at: http://www.cpsc.gov/
• Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your play set with stain regularly, it will help prevent severe checking/splitting and other weather damage.
• Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your set. Please note this is a requirement of your warranty.
• Creating and maintaining the play set on a level location is very important. As your children play, your play set will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.
• Twice a month during the usage season rake the playground protective surfacing materials to prevent compaction and maintain appropriate depths. Replace the protective surfacing materials as required.
• Disposal Instructions: When the play set is no longer desired, it should be disassembled and disposed of in such away that no unreasonable hazards will exist at the time the play set is discarded.

Play Set Surfacing Recommendations:

Below are some of the recommendations that the U.S. Consumer Product Safety Commission (CPSC) offers from its Handbook for Public Playground Safety. The guide can be downloaded in full at www.cpsc.gov/cpscpub/pubs/325.pdf

1. Protective Surfacing - Since almost 60% of all injuries are caused by falls to the ground, protective surfacing under and around all playground equipment is the most critical safety factor on playgrounds.

Certain manufactured synthetic surfaces also are acceptable; however, test data on shock absorbing performance should be requested from the manufacturer.

Asphalt and concrete are unacceptable. They do not have any shock absorbing properties. Similarly, grass and turf should not be used. Their ability to absorb shock during a fall can be reduced considerably through wear and environmental conditions.

Certain loose-fill surfacing materials are acceptable. Surfacing materials are acceptable, such as the types and depths shown in the table.

Fall Heights and Materials

Type Of Material	6 in. depth	9 in. depth	12 in. depth
Double-Shredded bark mulch	6’ Fall Height	10’ Fall Height	11’ Fall Height
Wood Chips	6’ Fall Height	7’ Fall Height	12’ Fall Height
Fine Sand	5’ Fall Height	5’ Fall Height	9’ Fall Height
Shredded Tires*	10-12’ Fall Height	N/A	N/A
Fine Gravel	6’ Fall Height	7’ Fall Height	10’ Fall Height

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

It should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

2. Fall Zones - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending a Minimum of 6' in all directions from the perimeter of the equipment.

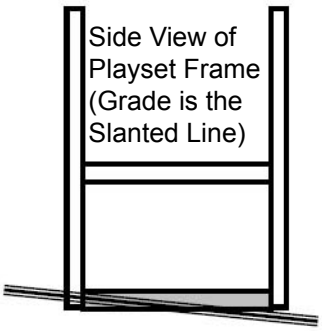
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

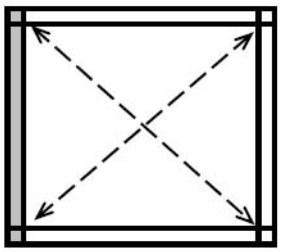
LEVELING YOUR FORT DURING ASSEMBLY

• Complete the steps which will be the basic frame of the fort. {i.e. four corner posts with base (sand box boards) and deck supports}
• Position in the most level area chosen for the play set, keeping in mind the location and size of the swing beam, ladder, slides, etc. that extend off the fort.
• Once the frame is in the final position, check for vertical and horizontal levelness to determine which side(s) will need to be dug into the ground to level the play set.
• With a shovel, score the ground around the outside edges of the sandbox boards on the 'high' side of the fort. This is the area that will be dug in. Make sure to score deep enough; the scored lines will be your digging template.
• Push the frame off and away from the scored area, far enough to dig and remove dirt to reach the appropriate depth.
• Dig a channel along the scored line(s) for the base of the fort (corner post and sandbox boards) to rest into. Dig the channel(s) to the same level depth. The bottom of the channel(s) should be level to each other so your frame doesn't teeter or rock because the channel(s) are uneven.
• Once you have removed enough grass and dirt, slide/push the frame into the channel(s). Place a level on the vertical and horizontal boards of the frame to determine if enough soil, or too much, was removed.
• Repeat this process until the basic frame is plumb and level and in its final position before completing the rest of the assembly.
• Measure to make sure fort is square.

Important: if you require a channel depth of more than 6", then we recommend you have your play set area professionally graded before completing assembly.

Example Play area:





The diagonal measurements should be the same from corner post to corner post. If not, adjust corner posts so that the distance is equal.

= Area to be scored and channeled for levelness

General Info to Review Before Installation

• Depending on your experience, assembly of the playset can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.

• Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.

• After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.

• Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.

• Important note: Wood has some natural defects such as knots, surface cracks, etc… We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.

• After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand the installation process, and help to eliminate unnecessary mistakes.

• Pay close attention to the diameter and length of each bolt and screw.

• Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.

• After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.

• After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.

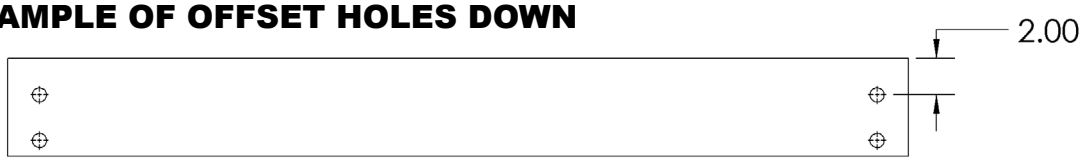
• Place the set on level ground, not less than 6 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.

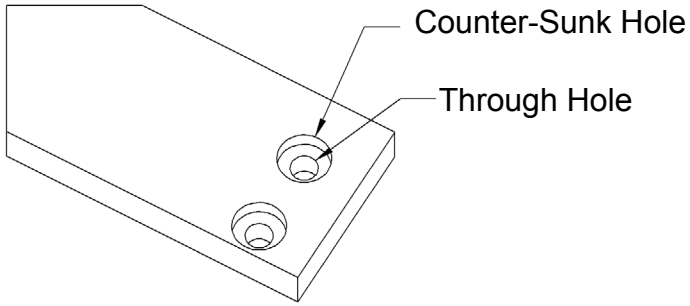
Offset Holes- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will be instructed to attach the boards with the holes offset up or with the holes offset down. This refers to which side of the board the hole/holes should be closer to. Offset holes up= hole/holes will be closer to the top of the board. Offset holes down= hole/holes will be closer to the bottom of the board. Note: some parts do not have offset holes, but instead the holes are on center. Therefore there will not be any reference on how to offset these parts.

EXAMPLE OF OFFSET HOLES UP

EXAMPLE OF OFFSET HOLES DOWN



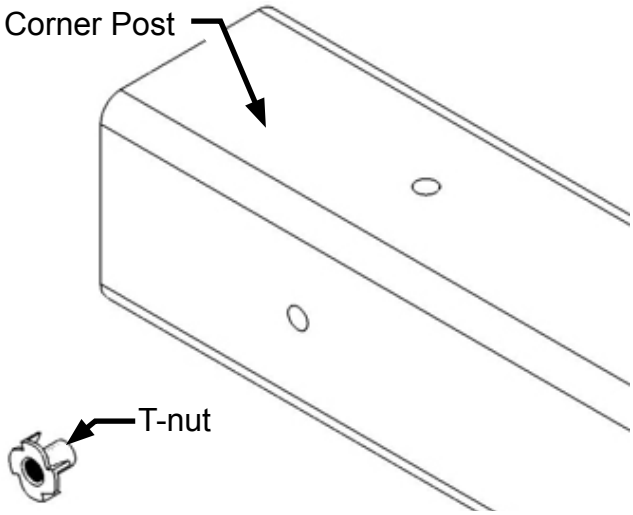
Counter-sunk holes - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head of the bolt and washer or nut and washer will occupy the counter sunk hole.

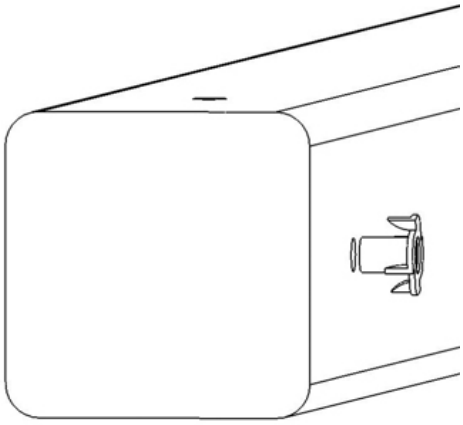


Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill a hole first. Instructions for this are provided on a separate page in the front of the manual. Be sure to tighten the lags completely when driving them in by hand. Power tools such as a heavy duty impact driver or large power drill should have enough torque to drive in the lag screws, but make sure not to over tighten as this can cause the threads to "strip out" in the post.

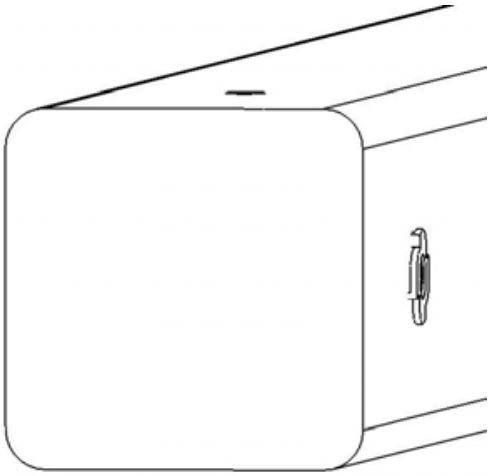
Common Installation Practice Installing T-nuts

When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood.

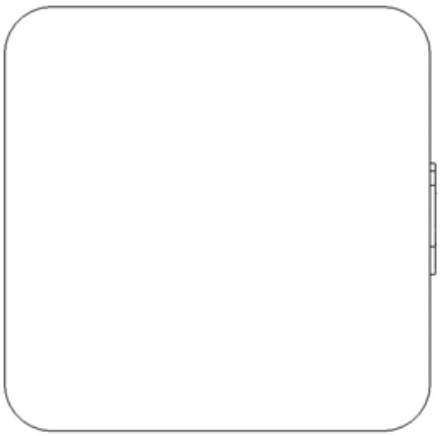




Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.

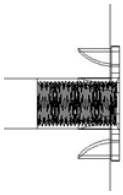


This picture shows the T-nut inserted and installed flush to the wood.



This picture shows an end view of the T-nut installed flush to the wood.

WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD



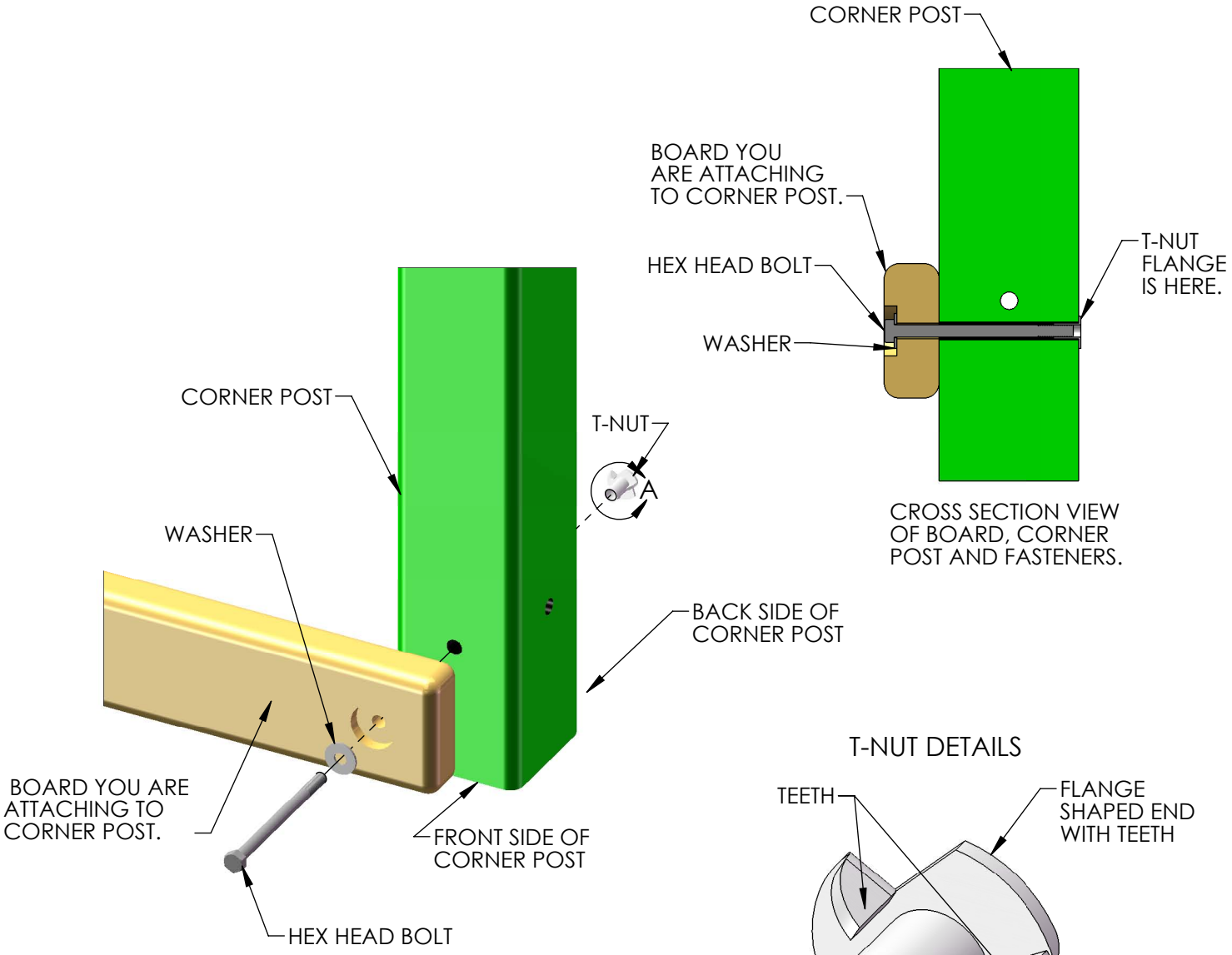
Cross Section end view, you are looking at an X-ray view of the post and T-nut. The barrel of the T-nut is in the corner post the line is the face of the wood.

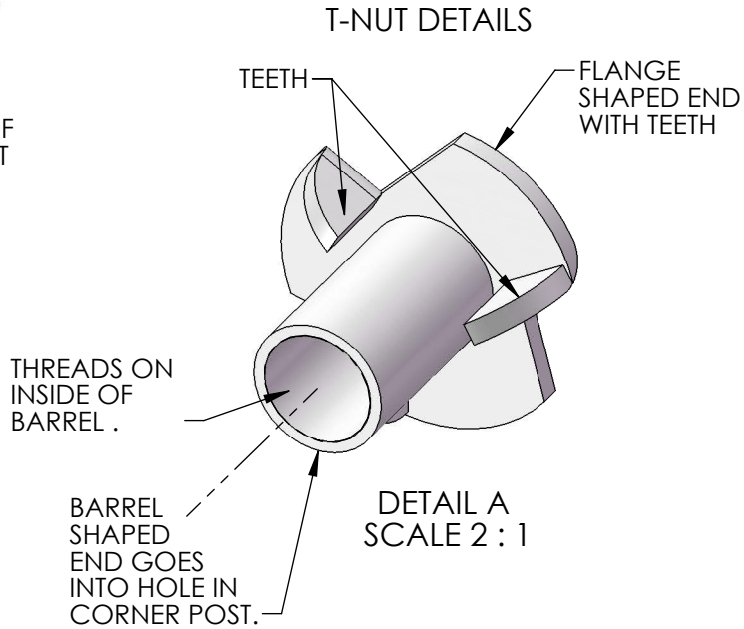
HOW A T-NUT WORKS

THE FIRST STEP IN OUR ASSEMBLY INSTRUCTIONS IS TO INSERT T-NUTS INTO THE CORNER POSTS. A T-NUT IS A FASTENER WHICH IS THREADED ON THE INSIDE AND IT FUNCTIONS JUST LIKE A STANDARD HEX NUT. YOU INSERT THE T-NUTS INTO THE PREDRILLED HOLES IN THE CORNER POSTS.

THE T-NUT HAS A BARREL SHAPED END WHICH GOES INTO THE HOLE IN THE CORNER POST. THE T-NUT ALSO HAS AN FLANGE SHAPED END WITH TEETH. THE TEETH PENETRATE INTO THE CORNER POST WOOD TO PREVENT THE T-NUT FROM SPINNING WHEN YOU TIGHTEN THE HEX HEAD BOLT.

SHOWN BELOW YOU WILL SEE THE T-NUT IS HAMMERED INTO THE CORNER POST ON THE BACK SIDE. THE BOARD IS BEING ATTACHED ON THE FRONT SIDE OF THE CORNER POST.





BOARD IDENTIFICATION

1. On the end of each board there should be a small white tag that is stapled into place.

2. This white identifcation tag displays the thickness, width, length and an abbreviated description of the part.

Example: a tag reads "2-4-3600-BPB"

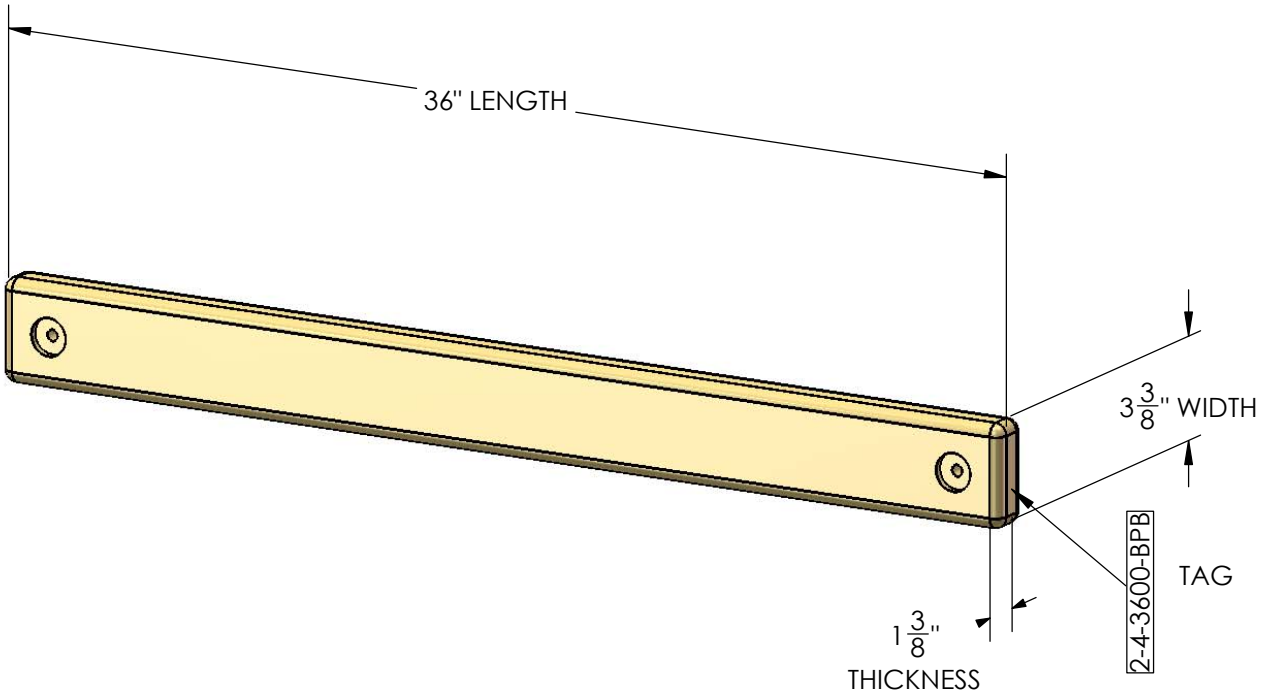
- The 2 is the thickness of the board. "Nominal Lumber" at a home center will measure 1-1/2" for the thickness. We "remill" that lumber to 1-3/8" thick.

- The 4 is the width of the board. "Nominal Lumber" at a home center will measure 3-1/2" for the width. We "remill" that lumber to 3-3/8" wide.
  Note: sometimes the width will be smaller than 3-3/8" because:
  A) We need the width of the part to fit into a certain area of the play set.
  B) We need the designation to be simple.

- The 3600 is the length of the board. It means the board is 36 inches long. If the code were 3625 then the board is 36-1/4" in length.

- The "BPB" abbreviation stands for "Bottom Panel Board". The wood part bill of materials in the instructions has a description which will match the abbreviation closely.

- In the event that there is no tag on a wood part measure the part then:
  A)Use the measurements and compare them to the wood list at the front of the instructions to identify it.
  B)Look at the holes on the wood part and compare them to the pictures in the wood list.
  C)Look to see if the holes are centered or if they are offset up or offset down.
  This should help you identify any parts that have missing tags. In the event that you cannot identify a board please email us for assistance.



PRE-DRILL LAG SCREW DIRECTIONS

Pre-drilling holes for lag screws will make it easier to drive the screws in by hand. "Jobber" length drill bits are available in sizes that are longer than standard drill bits and those are ideal for the job. When using the drill bit you will have to "spot" drill the post and then remove the board you are attaching to finish drilling the hole.

Pay attention to the DIAMETER of the lag screw you are installing. Your playset may come with two different diameter lag screws. Each diameter will require a different size drill bit. When installing lag screws **DO NOT OVERTIGHTEN.**

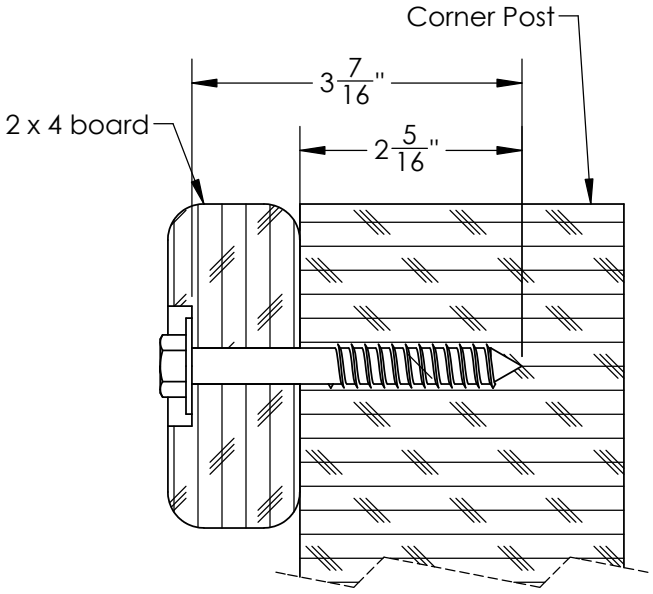
LAG SCREW DIAMETER	DRILL BIT SIZE
5/16" DIAMETER	9/64"
3/8" DIAMETER	11/64"

Example: 3/8" diameter x 3-1/2" lag screw

This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 11/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.

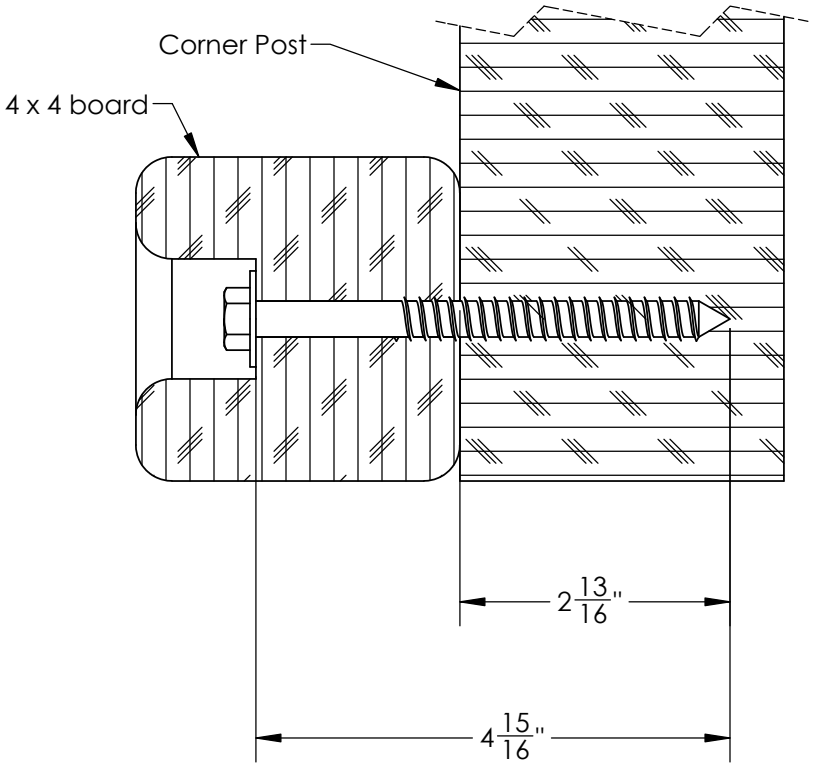
Example 5/16" diameter x 3-1/2" lag screw

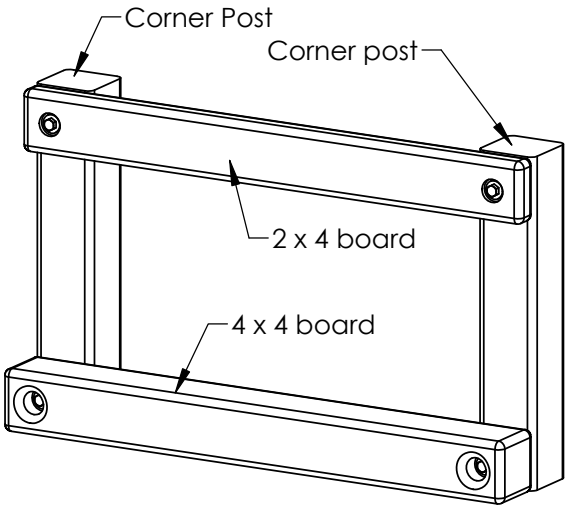
This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 9/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.



Example 3/8" diameter x 5" lag screw

This would be like the 4 x 4 board installation shown below. Place the board into position. Spot drill through the holes in the 4 x 4 board into the corner posts with an 11/64" drill bit. Remove the 4 x 4 board. Continue to drill the holes to a total depth of 2-13/16" as shown at the right. Install the 4 x 4 board.





SWING BEAM LOADING

Weight Limits for Accessories:

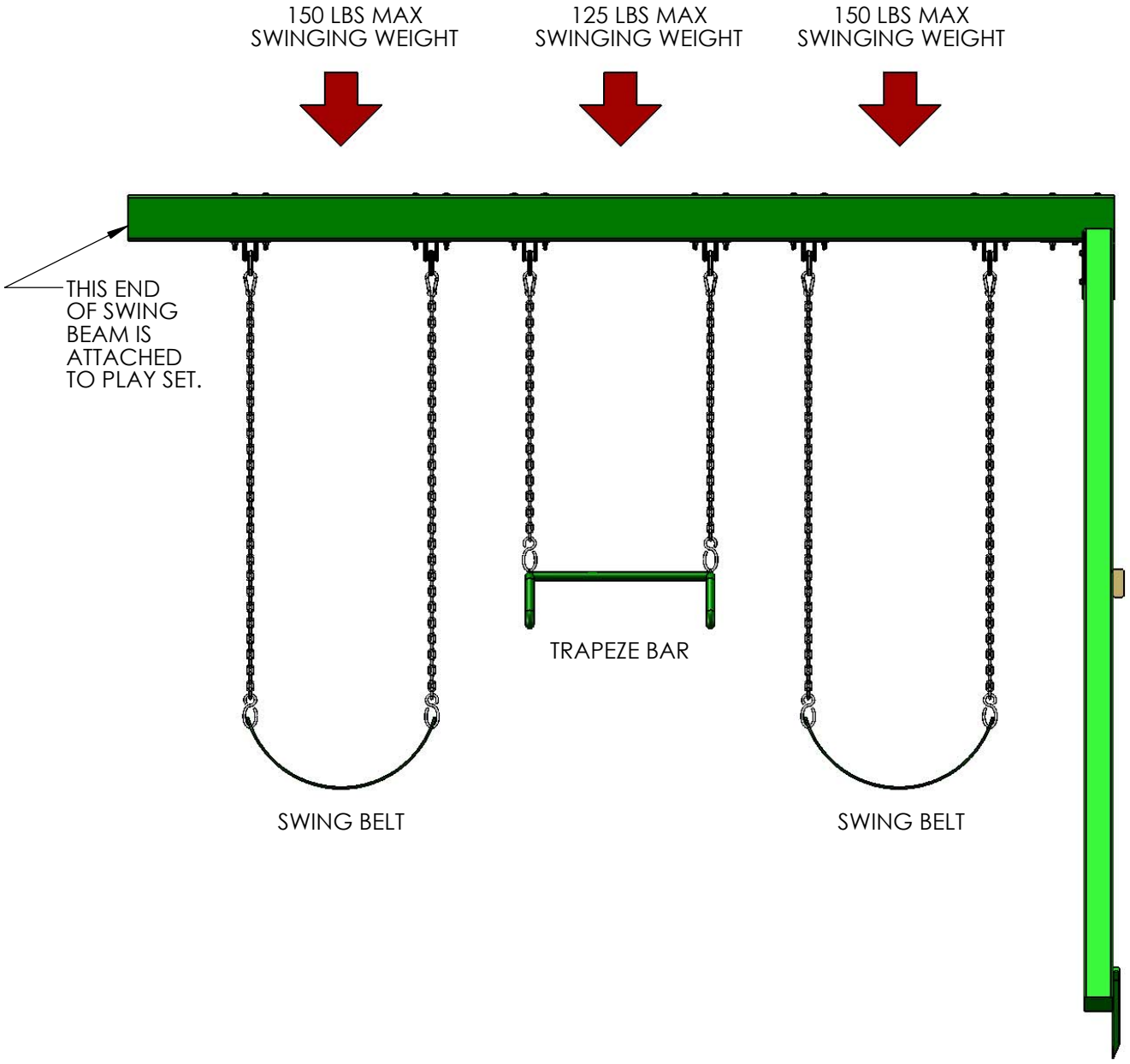
The weight limit for a Swing Belt is 225 lbs. (Although 150lbs is the maximum recommended swinging weight capacity for the swing position.)

The weight limit for a Trapeze Bar is 125 lbs.

Maximum Allowable swinging weight for a three position swing:

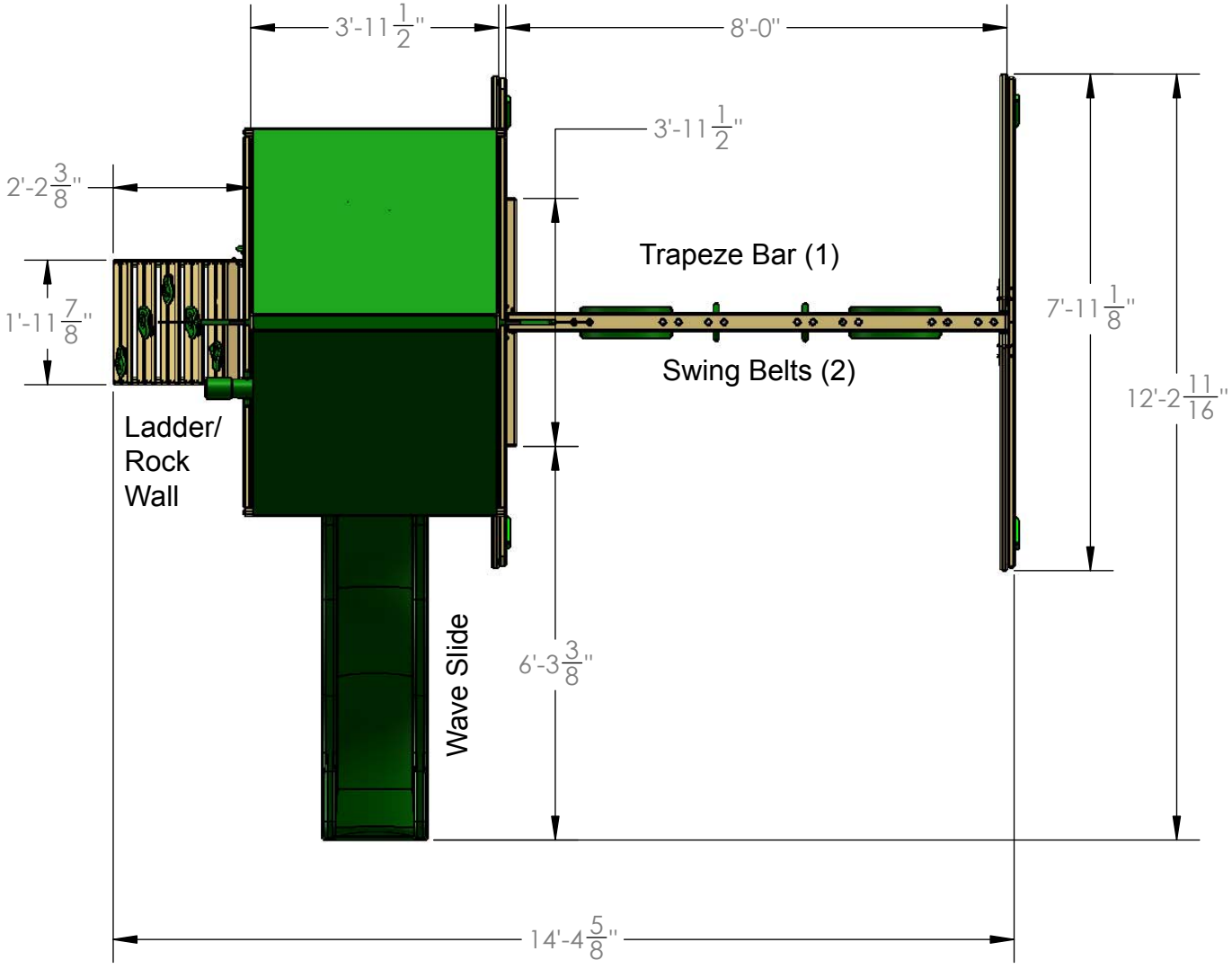
1) The maximum allowable swinging weight at each Swing Belt position is 150 lbs.
2) The maximum allowable swinging weight at the Trapeze position is 125 lbs.
3) The MAXIMUM SWING BEAM LOAD IS 425 lbs.

MAXIMUM SWING BEAM LOAD IS 425 LBS.



Please familiarize yourself with the manual, parts/components and general construction process of your new playset before getting started.

SITE PLAN:



Playset height:9 feet - 5 inches

Deck height: 4 feet

Swing Beam height: 6 feet - 6-3/4 inches to top

Approximate assembly time: 8 to 10 hours

(6) foot unobstructed safety perimeter around playset recommended

REQUIRED TOOL LIST:

___ Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
___ Drill Bits 1/8”, 3/8”, 9/64”, 11/64”
___ ½” Wrench and Socket
___ ½” Deep Well Socket
___ 9/16” Deep Well Socket
___ 9/16” Wrench and Socket
___ Level
___ Tape Measure
___ Extension Cord (if using standard drill)
___ Hammer
___ Pencil
___ Locking Pliers (Vise Grips)
___ Shovel

KIT CONTENTS

Swings, Slides, Accessories:

___ (Qty) Description
___ (1) 8ft. Wave Slide
___ (2) Swingbelt w/ Chains
___ (1) Trapeze Bar w/Chains
___ (1) Steering Wheel
___ (1) Telescope
___ (1) Tic Tac Toe
___ (5) Rock Wall Grips (Assorted Colors)
___ (2) Safety Handle
___ (2) Flag Kit
___ (1) Tarp 47” x 107”
___ (4) Ground Stake

Fort Hardware:

see following pages

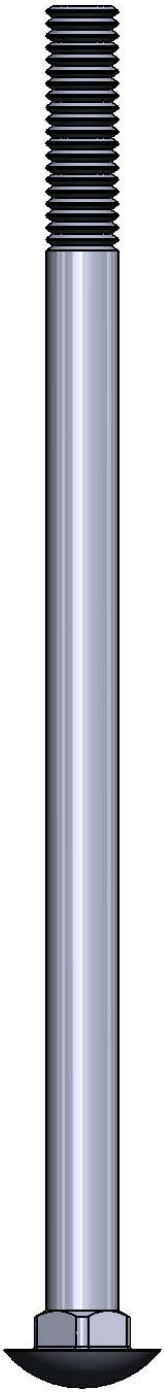
Swing Beam Hardware:

see following pages

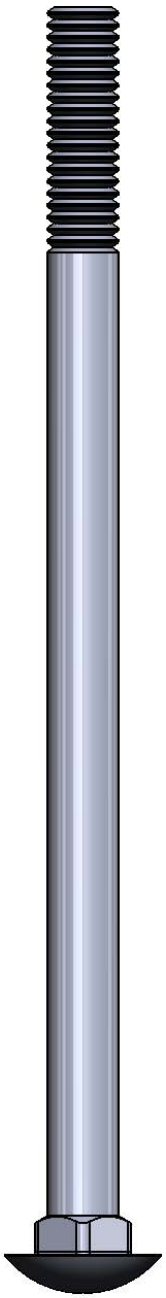
Wood Components:

see following pages

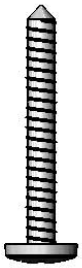
11-0059
1900 Hardware
REV: B 11/22/2013 JH



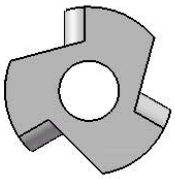
3/8 x 7"
CARRIAGE BOLT
QTY: 13



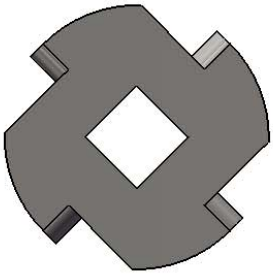
3/8 x 6-1/2"
CARRIAGE BOLT
QTY: 1



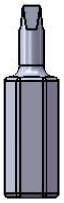
#14 X 1-1/4"
PAN HEAD SCREW
QTY: 10



5/16" ∅ X 5/8"L
TEE NUT
QTY: 66



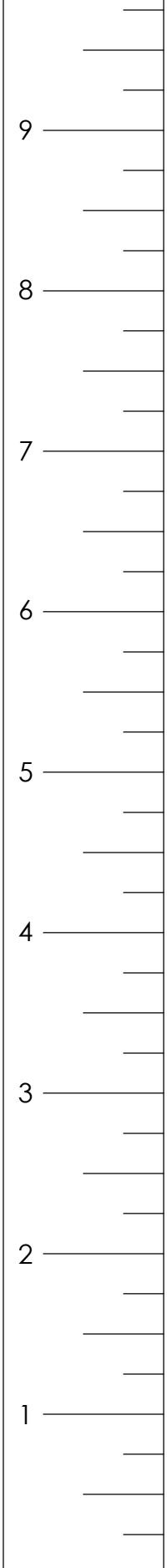
TORQUE WASHER
QTY: 14



#2 SQUARE
DRIVE BIT
QTY: 1

5/16" PLASTIC
BOLT CAP
QTY: 7

3/8" PLASTIC
BOLT CAP
QTY: 14



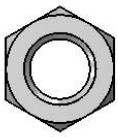
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

11-0059
1900 Hardware
REV: B 11/22/2013 JH

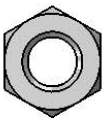

#8 X 1-1/4"
WOOD SCREW
QTY: 4


#8 X 1-3/4"
WOOD SCREW
QTY: 4

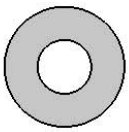

#8 X 2"
WOOD SCREW
QTY: 190

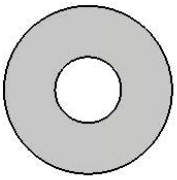

3/8" LOCK NUT
QTY: 14

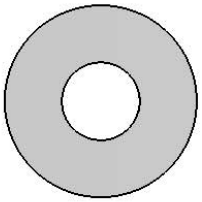

#8 X 2-1/2"
WOOD SCREW
QTY: 53


5/16" LOCK NUT
QTY: 7


#8 X 3"
WOOD SCREW
QTY: 14


1/4" WASHER
QTY: 10


5/16" WASHER
QTY: 82


3/8" WASHER
QTY: 14

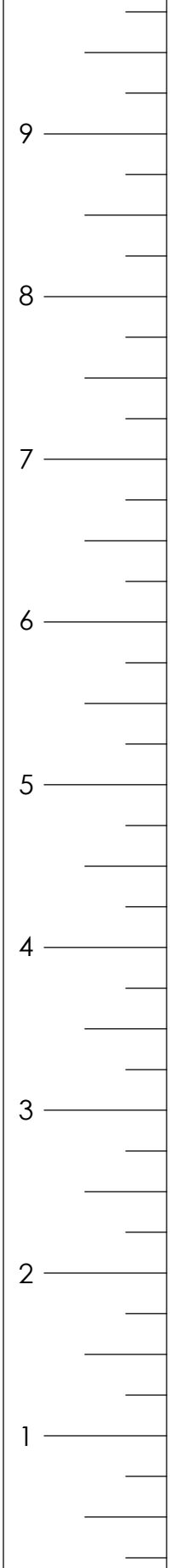

5/16 X 4-1/2"
HEX BOLT
QTY: 22


5/16" X 3-1/2"
HEX BOLT
QTY: 2

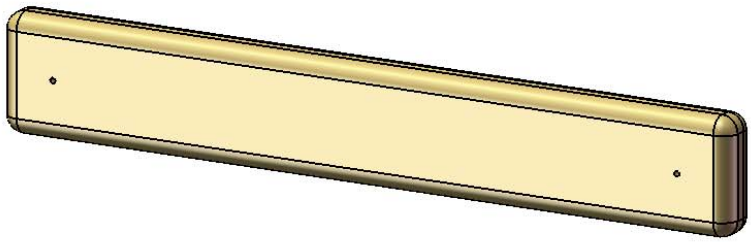
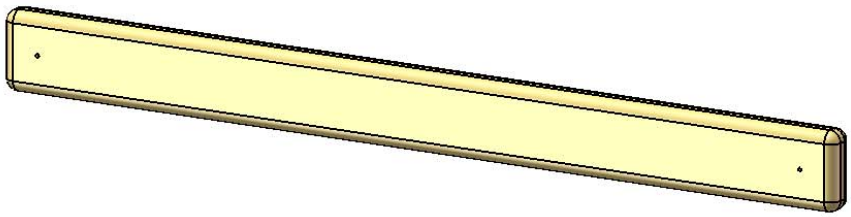
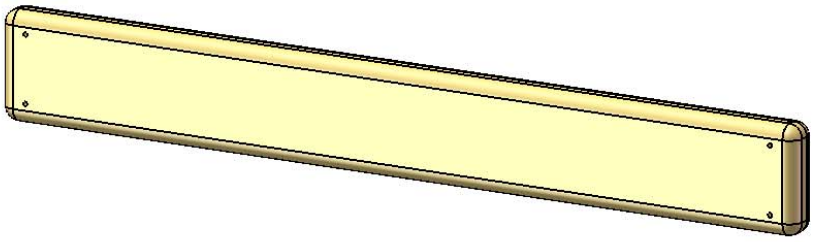
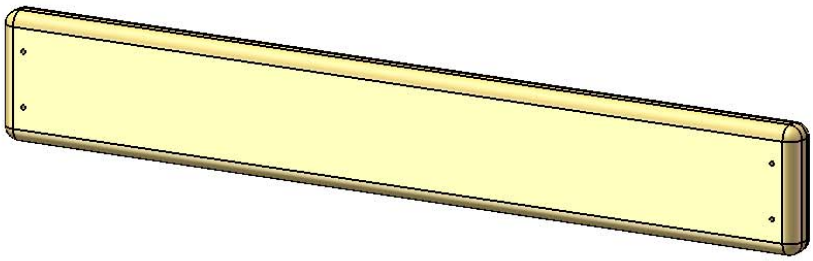
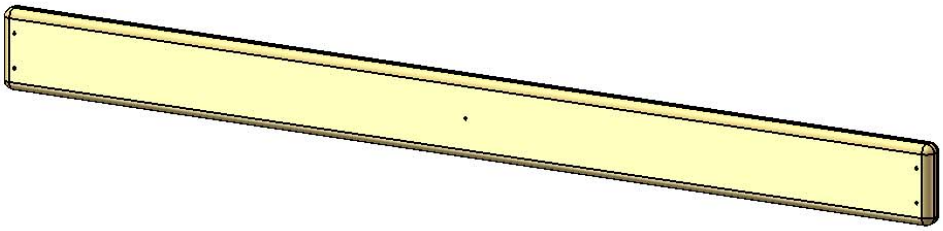
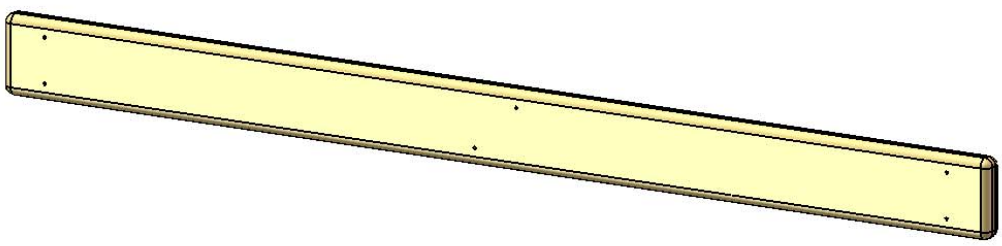
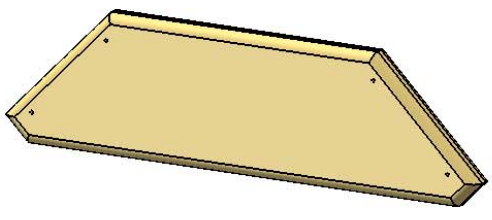

5/16" X 2-1/2"
HEX BOLT
QTY: 40

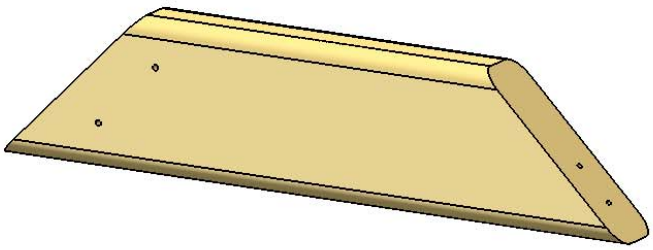
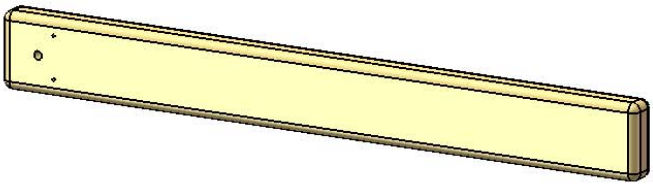
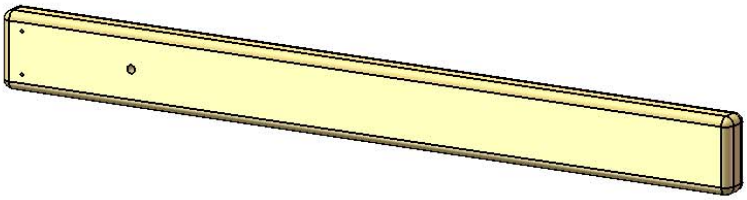
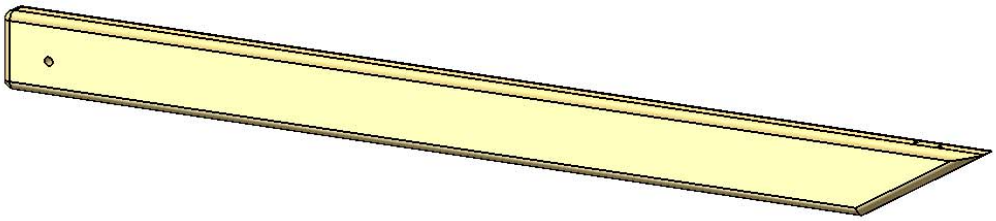
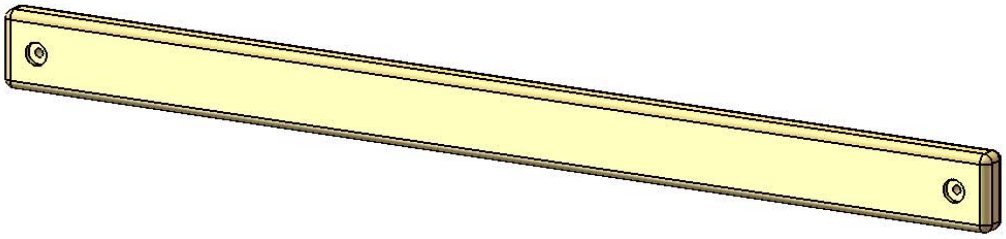
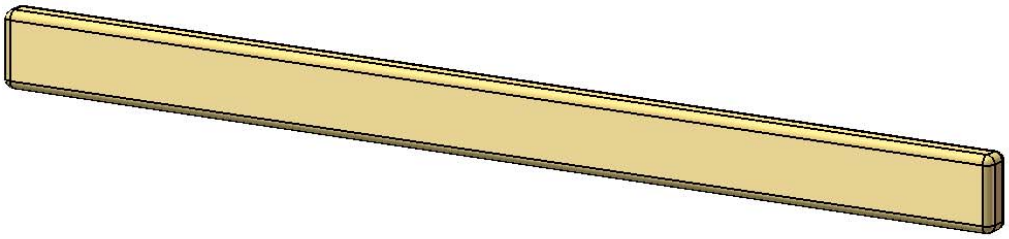
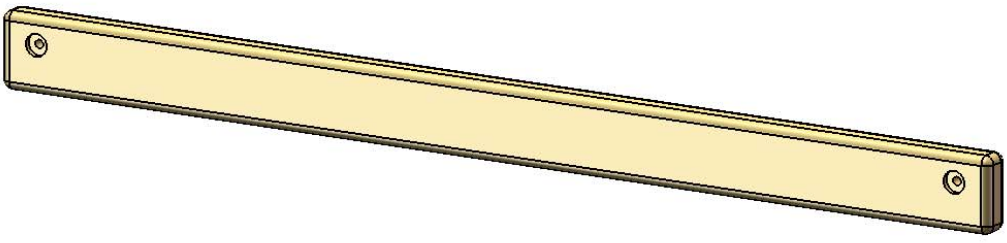

5/16 X 1-1/2"
HEX BOLT
QTY: 8

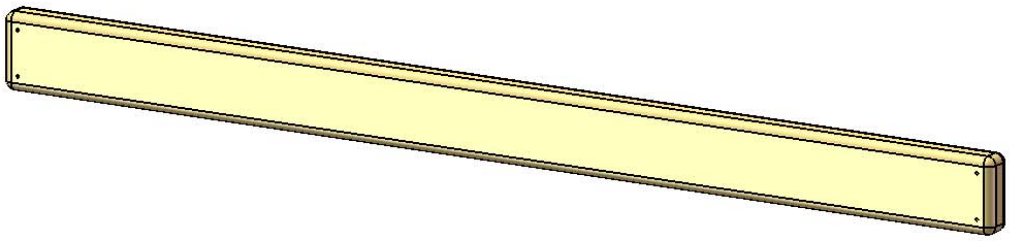
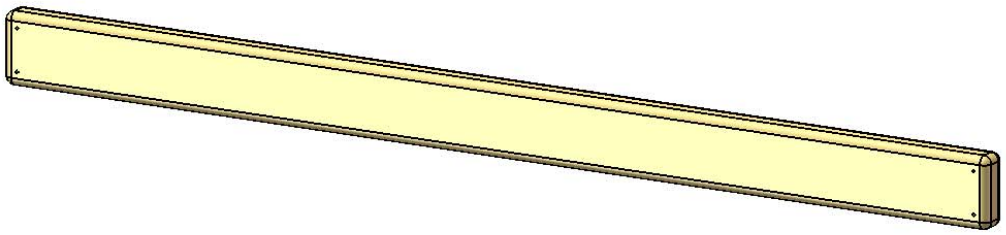
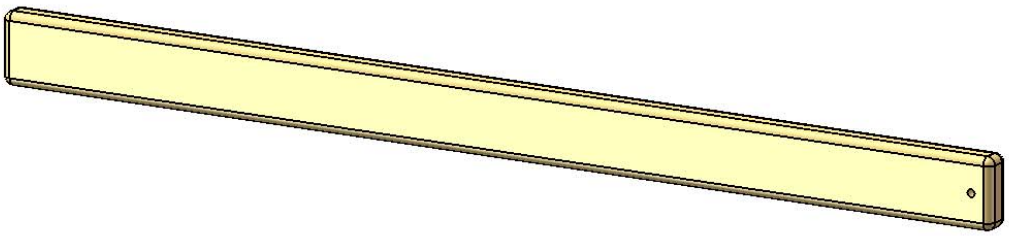
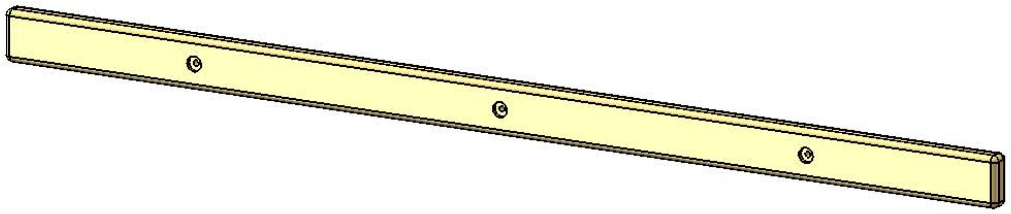
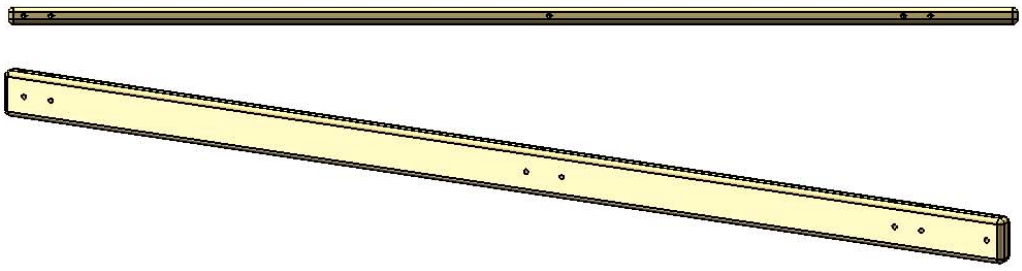
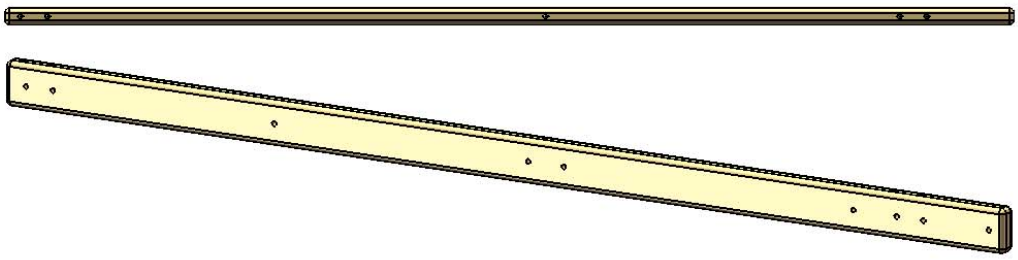
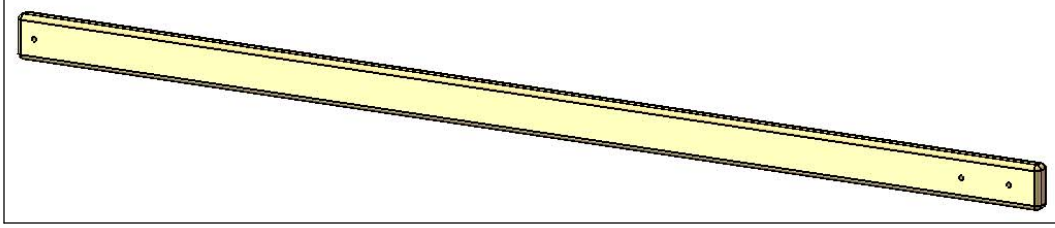

5/16" X 1"
HEX BOLT
QTY: 1

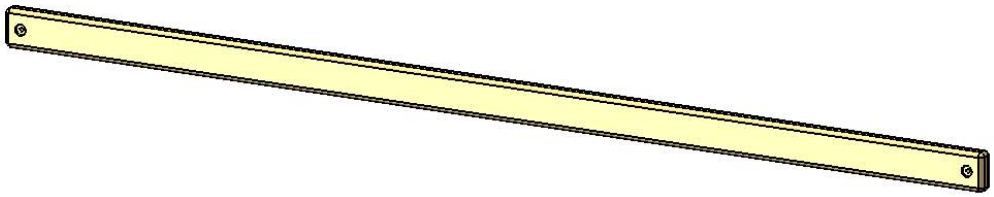
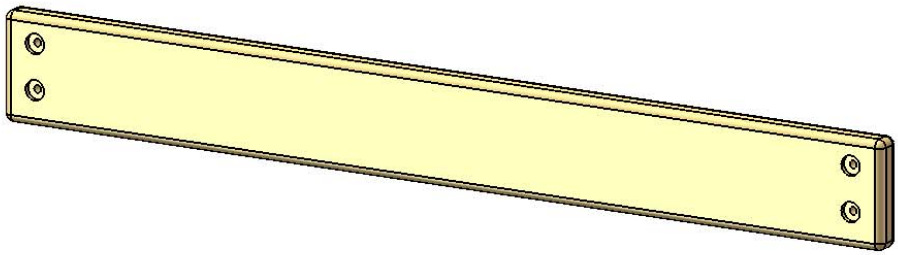
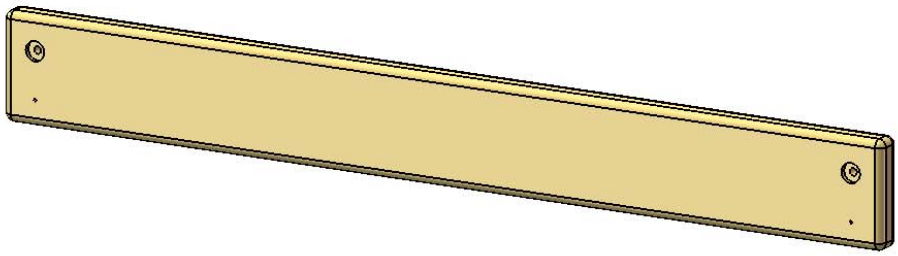
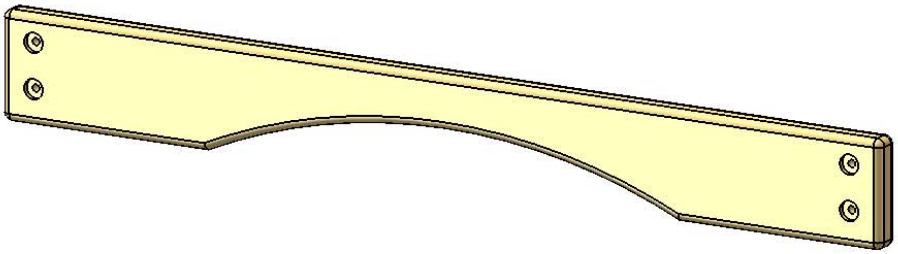
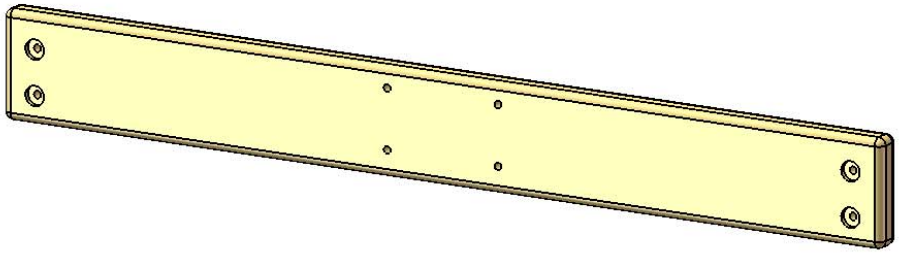
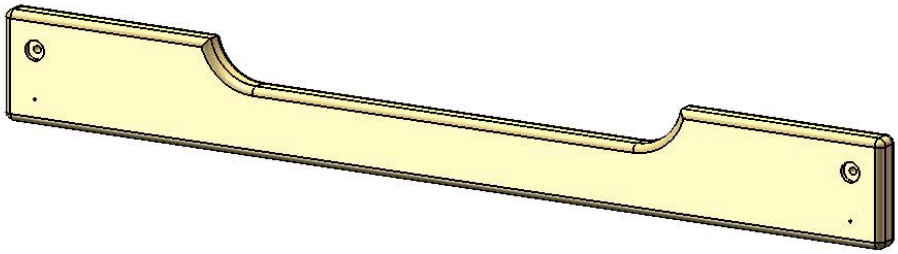
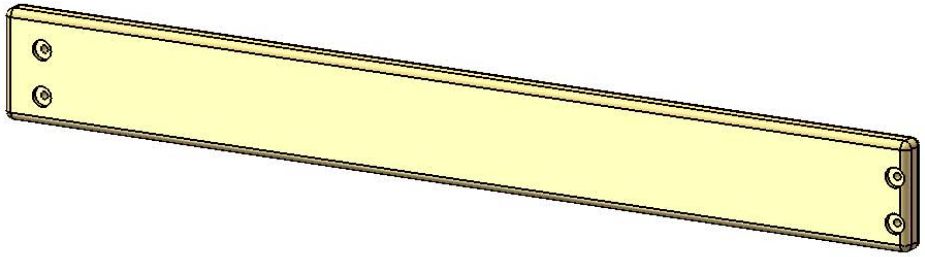


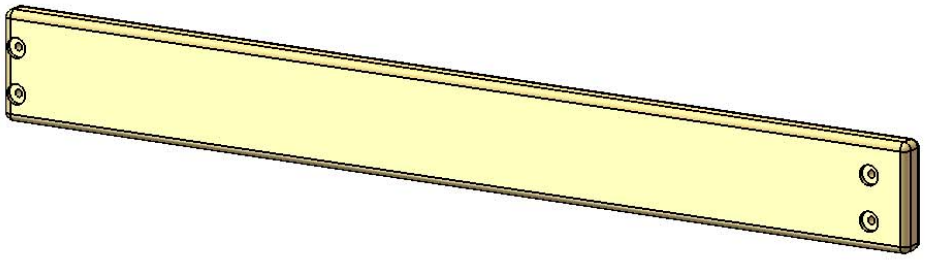
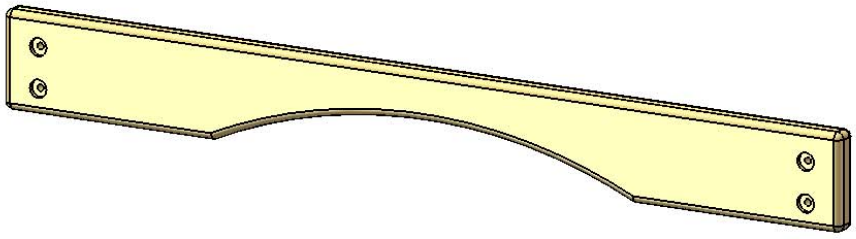
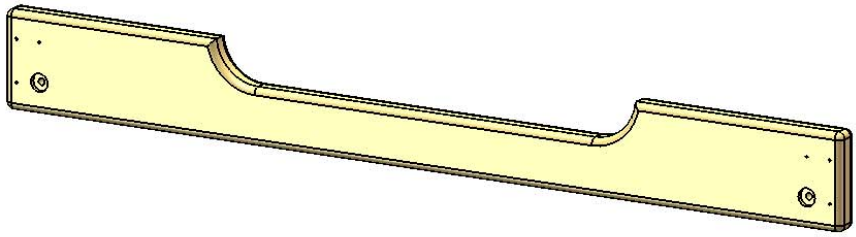
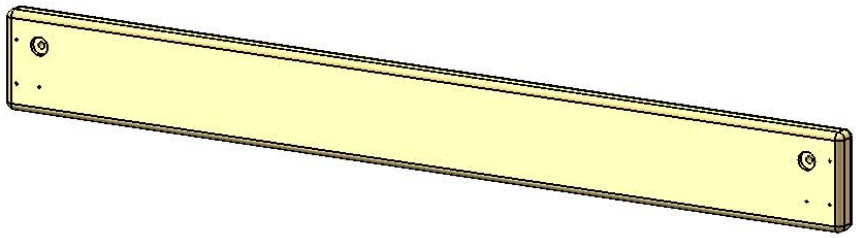
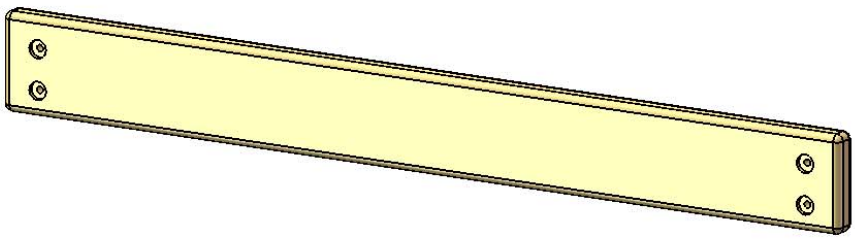
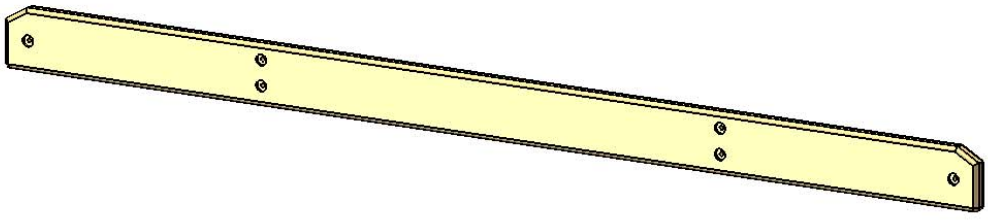
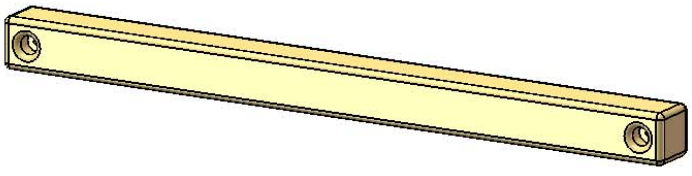
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

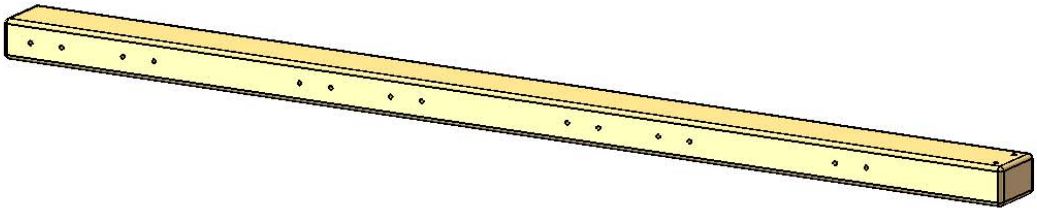
PICTURE	DESCRIPTION	QTY.
	5/4 X 3 X 17-1/2" TIC TAC TOE MOUNT **125-3-1750-TTTM**	**2**
	5/4 X 3 X 30" PANEL SLAT **125-3-3000-PS**	**21**
	5/4 X 3 X 23-7/8" ROCK WALL TOP CAP **125-3-2388-RWTC**	**1**
	5/4 X 3 X 23-7/8" ROCK WALL BOARD **125-3-2388-RWB**	**10**
	5/4 X 4 X 44-5/8" DECK SPACER **125-4-4463-DS**	**2**
	5/4 X 4 X 47-3/8" DECK BOARD **125-4-4738-DS**	**11**
	5/4 X 6 X 20" SANDBOX SEAT **125-6-2000-SS**	**2**

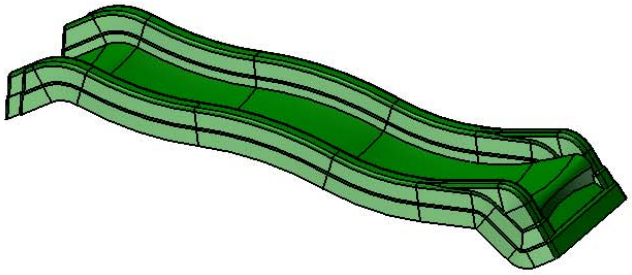
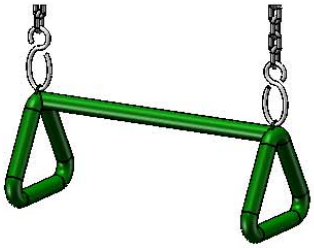
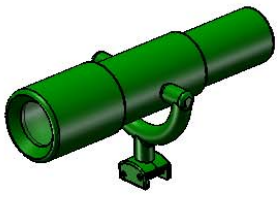
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 15" ANGLE SUPPORT **2-4-1500-AS**	**8**
	2 X 4 X 30-1/2" RIGHT VERTICAL TARP SUPPORT **2-4-3050-RVTS**	**1**
	2 X 4 X 35" LEFT VERTICAL TARP SUPPORT **2-4-3500-LVTS**	**1**
	2 X 4 X 47" SIDE SUPPORT **2-4-4700-SS**	**2**
	2 X 4 X 47-3/8" DECK SUPPORT **2-4-4738-DS**	**2**
	2 X 4 X 47-1/2" CENTER DECK SUPPORT **2-4-4750-CDS**	**1**
	2 X 4 X 47-1/2" SAFETY BOARD **2-4-4750-SB**	**1**

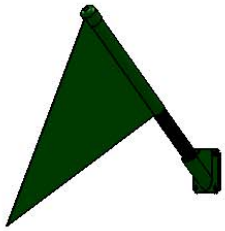
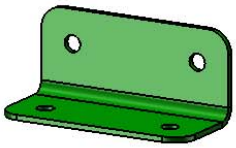
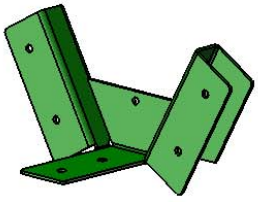
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 47-1/2" TOP TARP BOARD **2-4-4750-TTB**	**1**
	2 X 4 X 50-1/4" END TARP BOARD **2-4-5025-ETB**	**2**
	2 X 4 X 50-1/2" ROCK WALL SIDE **2-4-5050-RWS**	**2**
	2 X 4 X 71-1/2" SIDE TARP SUPPORT **2-4-7150-STS**	**2**
	2 X 4 X 84" CORNER POST LEFT **2-4-8400-CPL**	**2**
	2 X 4 X 84" CORNER POST RIGHT **2-4-8400-CPR**	**2**
	2 X 4 X 86" SWING LEG **2-4-8600-SL**	**2**

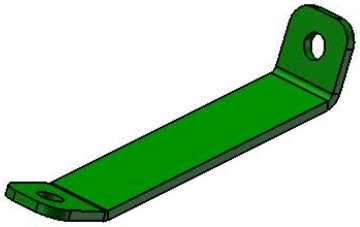
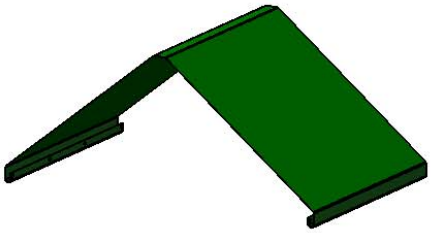
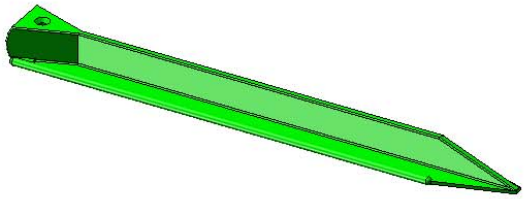
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 94" SWING LEG CROSS MEMBER **2-4-9400-SLCM**	**1**
	2 X 6 X 47-1/2" BOTTOM SANDBOX BOARD LEFT **2-6-4750-BSBL**	**1**
	2 X 6 X 47-1/2" DECK PANEL BOARD **2-6-4750-DPB**	**1**
	2 X 6 X 47-1/2" LEFT ARCHED TOP PANEL BOARD **2-6-4750-LATPB**	**1**
	2 X 6 X 47-1/2" RIGHT TOP PANEL BOARD **2-6-4750-RTPB**	**1**
	2 X 6 X 47-1/2" ROCK WALL PANEL BOARD **2-6-4750-RWPB**	**1**
	2 X 6 X 48-7/8" SANDBOX BOARD FRONT **2-6-4888-SBF**	**1**

PICTURE	DESCRIPTION	QTY.
	2 X 6 X 48-7/8" SANDBOX BOARD REAR **2-6-4888-SBR**	**1**
	2 X 6 X 50-1/4" FRONT ARCHED TOP PANEL BOARD **2-6-5025-FATPB**	**1**
	2 X 6 X 50-1/4" FRONT DECK PANEL BOARD **2-6-5025-FDPB**	**1**
	2 X 6 X 50-1/4" REAR DECK PANEL BOARD **2-6-5025-RDPB**	**1**
	2 X 6 X 50-1/4" REAR TOP PANEL BOARD **2-6-5025-RTPB**	**1**
	2 X 6 X 93-1/2" SANDBOX BOARD RIGHT **2-6-9350-SBR**	**1**
	4 X 4 X 47-1/2" SWING BEAM SUPPORT **4-4-4750-SBS**	**1**

PICTURE	DESCRIPTION	QTY.
	4 X 6 X 96" SWING BEAM **4-6-9600-SB**	**1**

PICTURE	DESCRIPTION	QTY.
	WAVE SLIDE **03-0010**	**1**
	SWING BELT W/CHAINS **04-0002**	**2**
	TRAPEZE BAR W/CHAINS **04-0005**	**1**
	STEERING WHEEL **07-0004**	**1**
	TELESCOPE **07-0001**	**1**
	TIC TAC TOE **07-0010**	**1**
	CLIMBING ROCK (5 ROCKS ARE IN ONE BAG) **07-0008**	**5** **ROCKS**

PICTURE	DESCRIPTION	QTY.
1900 HARDWARE KIT (NOT SHOWN)	1900 HARDWARE **11-0059**	**1**
	SAFETY HANDLE (PAIR) **07-0005**	**1pr**
	FLAG KIT (PAIR) **09-1014**	**1pr**
	MINI IRON DUCTILE SWING HANGER **11-4024**	**6**
	BRACKET **11-5011**	**2**
	90° BRACKET **11-5013**	**3**
	SWING LEG BRACKET **11-5015**	**1**

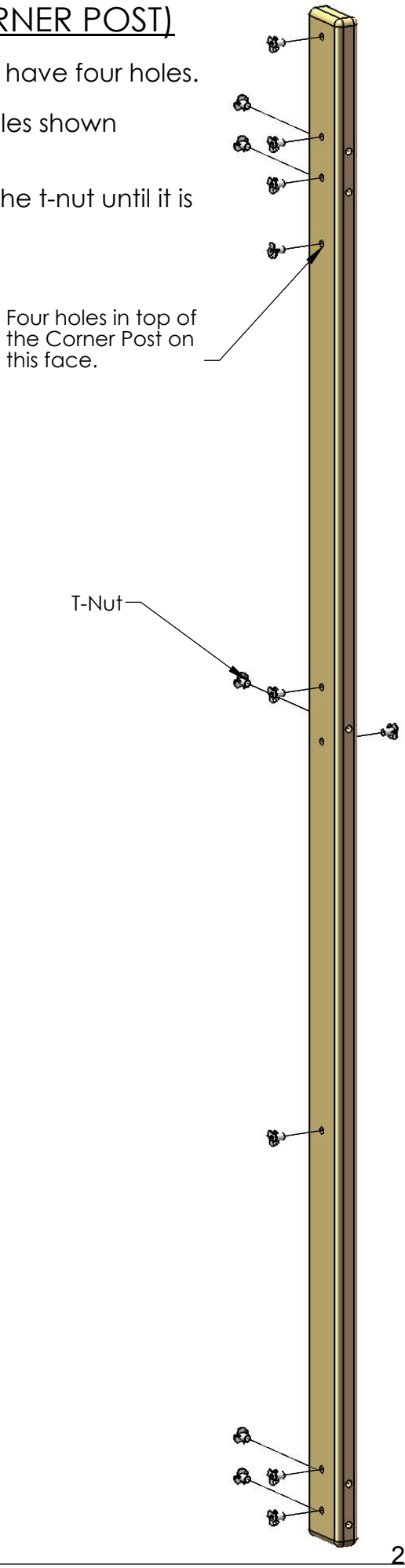
PICTURE	DESCRIPTION	QTY.
	SWING LEG ANGLE BRACKET **11-5016**	**1**
(NOT SHOWN)	MANUFACTURER NAME PLATE	**1**
	TARP 47" X 107" **05-0001**	**1**
	GROUND STAKES (PAIR) **07-0016**	**2pr**

STEP 1: INSTALLING T-NUTS (RIGHT FRONT CORNER POST)

1: Locate one 2 x 4 x 84" Corner Post (Right Side) The top will have four holes.

2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.

3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.

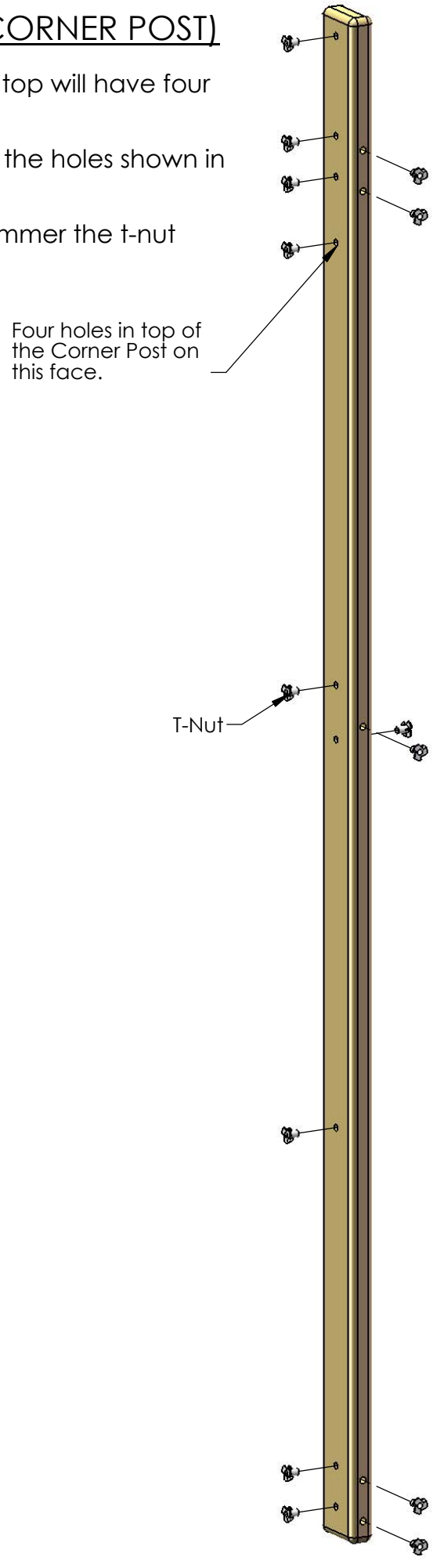


STEP 2: INSTALLING T-NUTS (RIGHT REAR CORNER POST)

1: Locate one 2 x 4 x 84" Corner Post (Right Side). The top will have four holes.

2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.

3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.

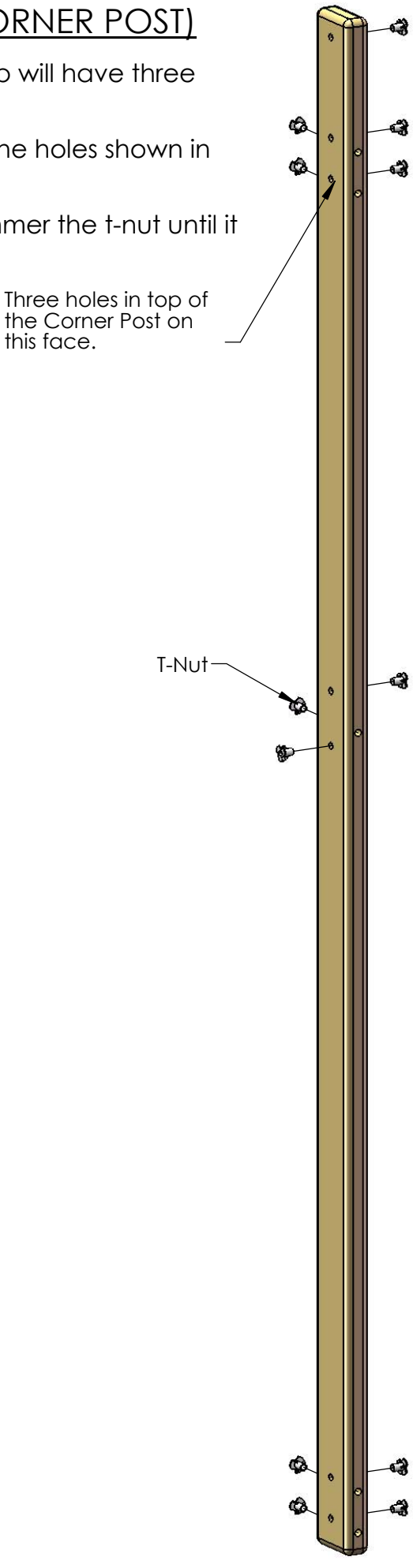


STEP 3: INSTALLING T-NUTS (LEFT FRONT CORNER POST)

1: Locate one 2 x 4 x 84" Corner Post (Left Side). The top will have three holes.

2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.

3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.

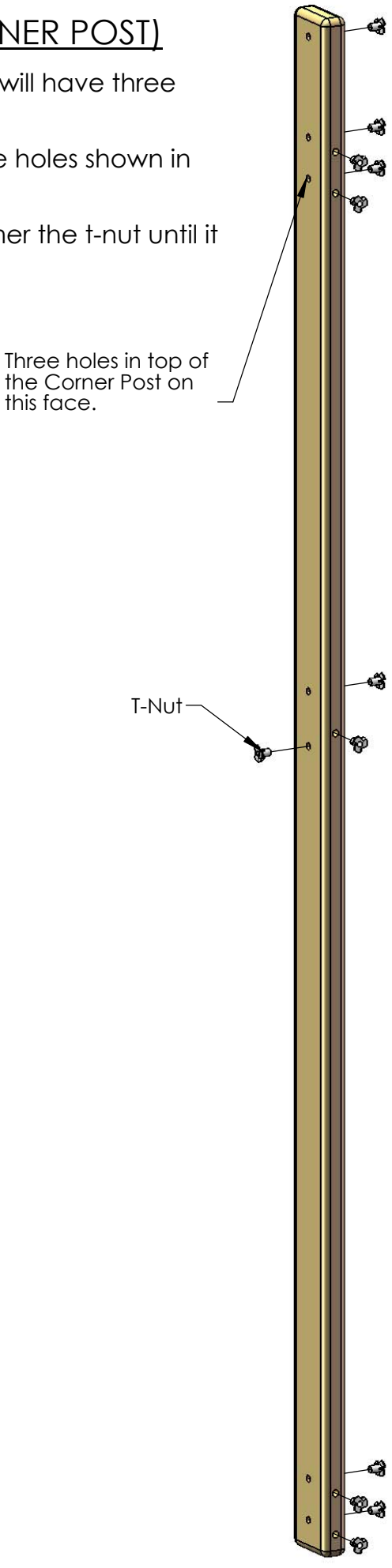


STEP 4: INSTALLING T-NUTS (LEFT REAR CORNER POST)

1: Locate one 2 x 4 x 84" Corner Post (Left Side). The top will have three holes.

2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.

3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.



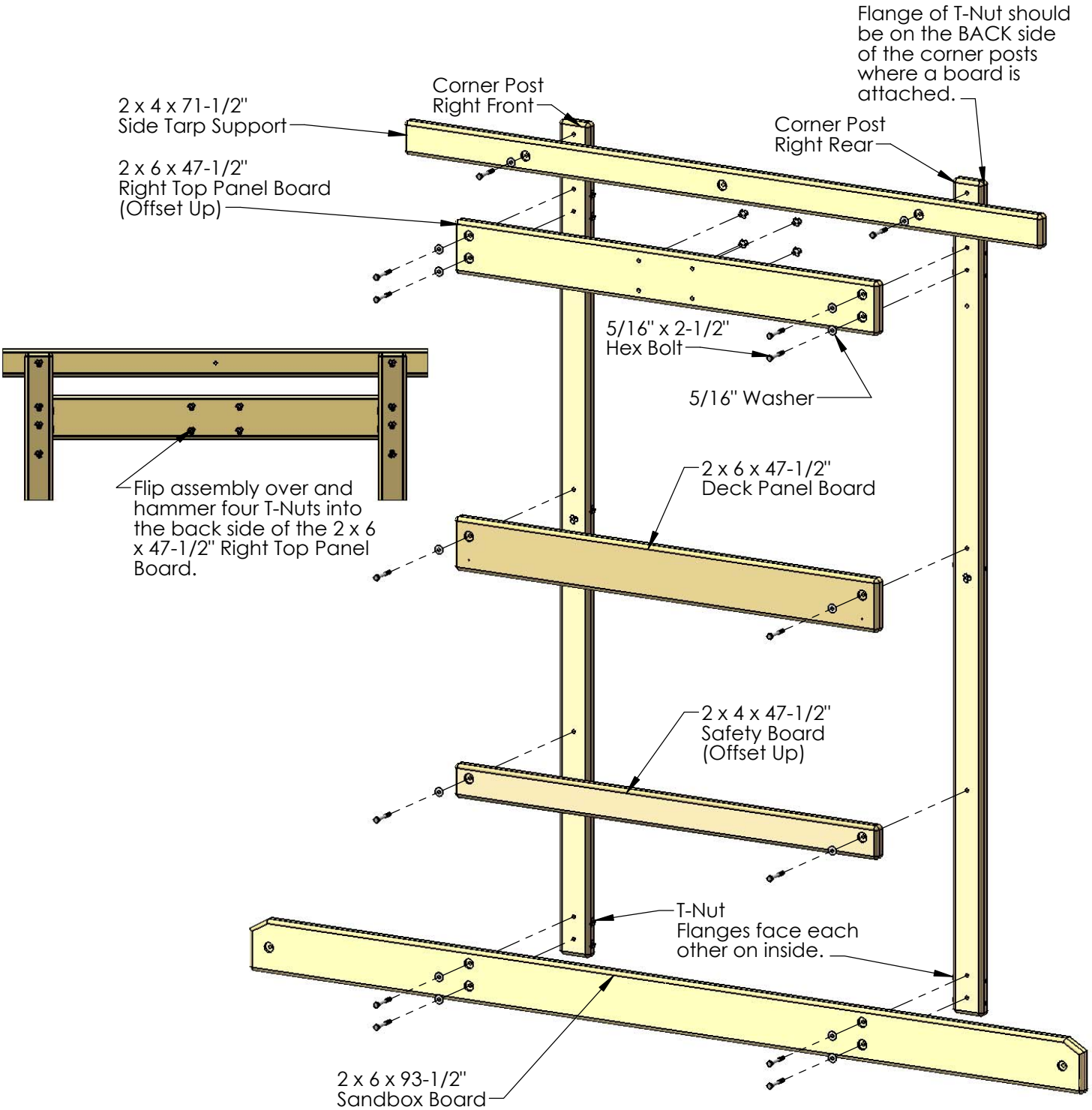
STEP 5: RIGHT SIDE FRAME ASSEMBLY (OUTSIDE FACE)

1: Place the Right Front and Right Rear corner posts as shown below. The flange of the T-nuts should be on the INSIDE of the corner posts facing each other at the top, middle and bottom.

2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.

3: Attach each board to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.

4: Turn the assembly over and hammer four T-Nuts into the back of the 2 x 6 x 47-1/2" Right Top Panel Board.



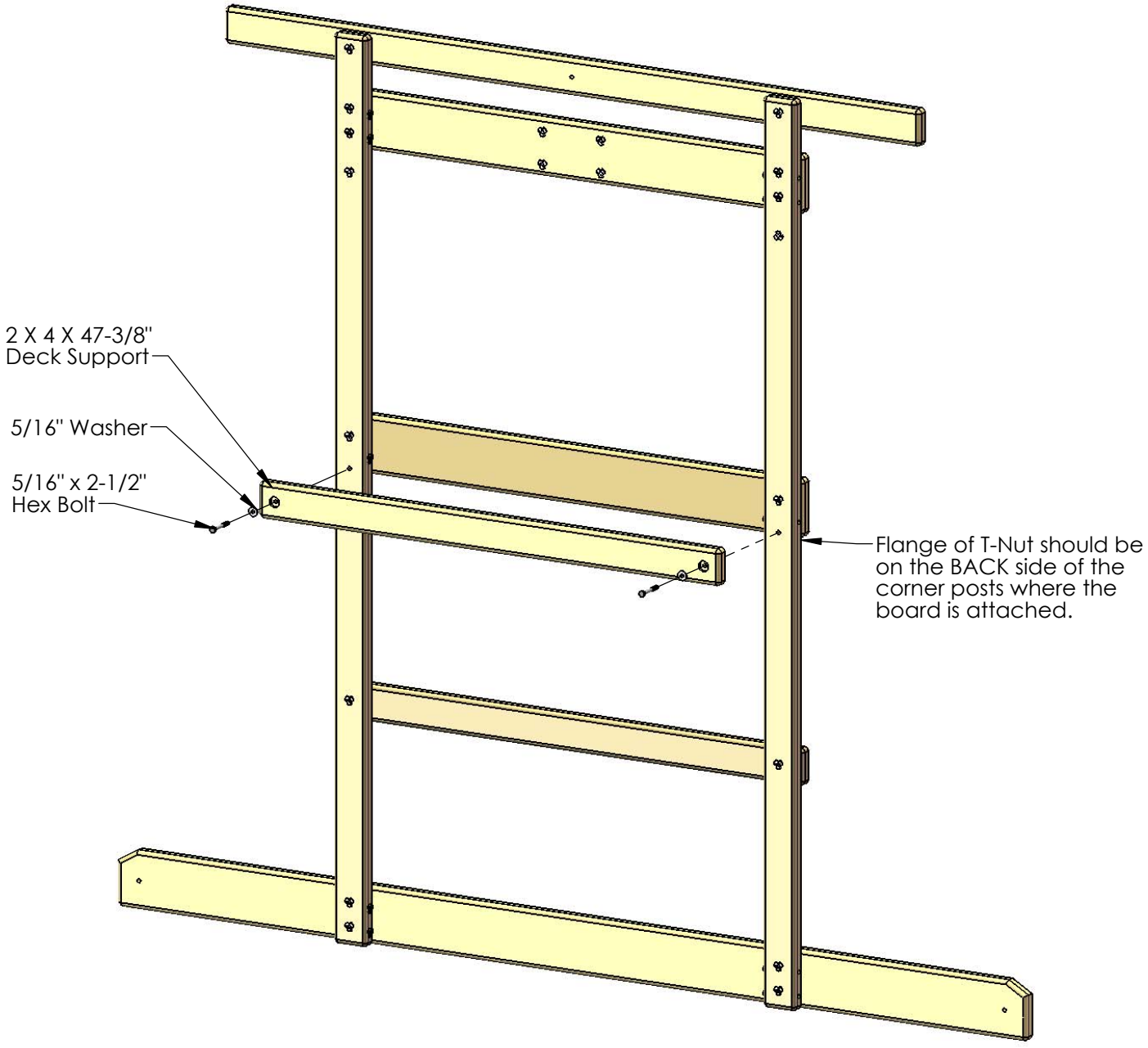
STEP 6: RIGHT SIDE FRAME ASSEMBLY (INSIDE FACE)

1: The Right Side Frame Assembly should still be turned over from putting in four T-Nuts in the previous step. If the frame is not turned over then turn it over now.

2: The flange of the T-nuts should be on the BACK side of the corner posts where the board is attached.

3: Attach the 2 x 4 x 47-3/8" Deck Support to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.

4: Set the completed Right Side Frame Assembly aside and proceed to the next step to build the Left Side Frame.

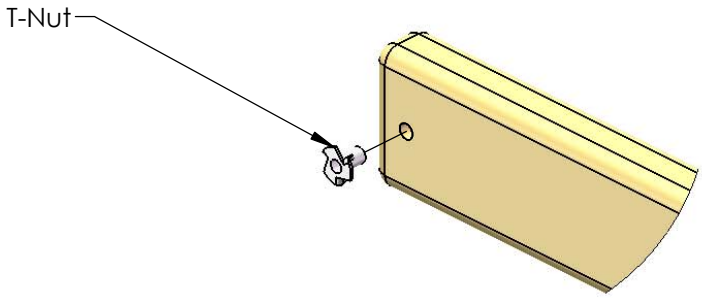


STEP 7: ROCK WALL

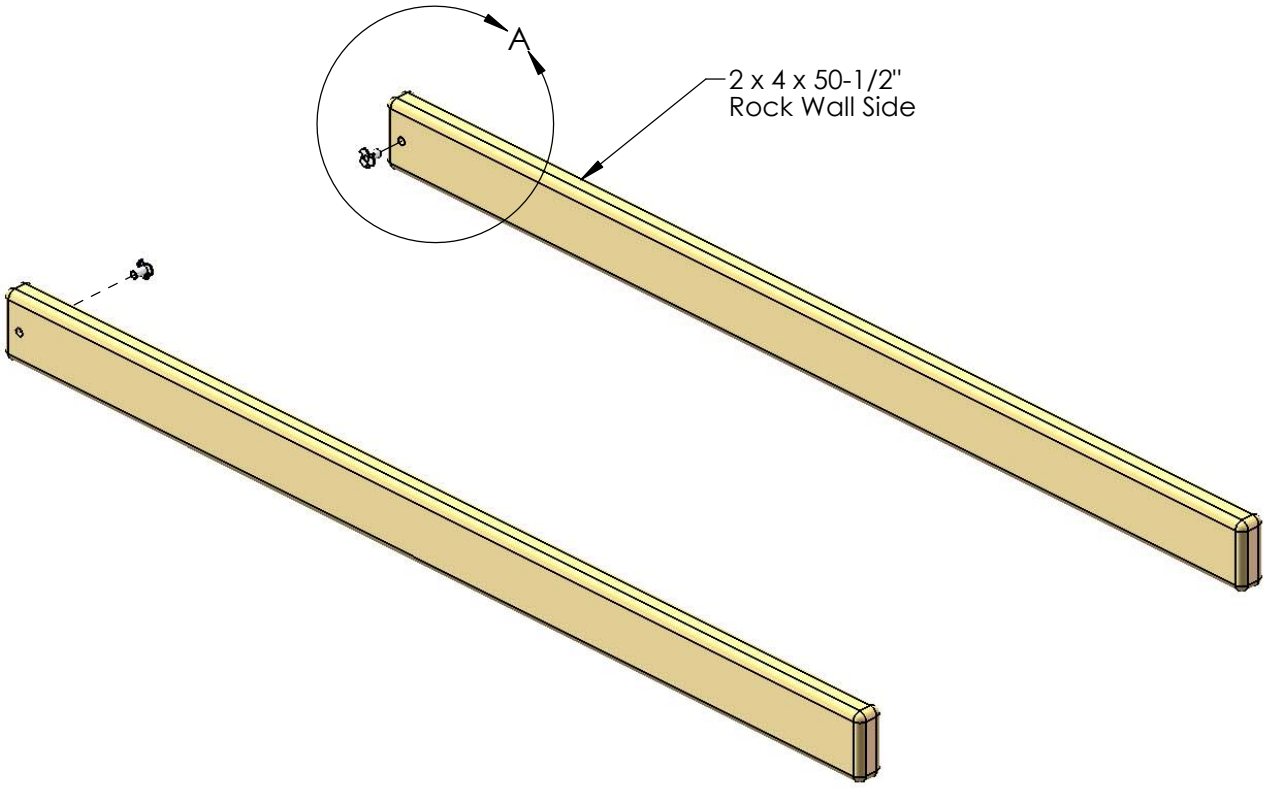
1: Find two 2 x 4 x 50-1/2" Rock Wall Sides.

2: Position the Rock Wall Sides so that the holes in the boards are facing the same way.

3: Insert T-Nuts into the INSIDE of the Rock Wall Sides and set with a hammer.



DETAIL A



STEP 8: ROCK WALL

1: Find ten 5/4 X 3 X 23-7/8" Rock Wall Boards

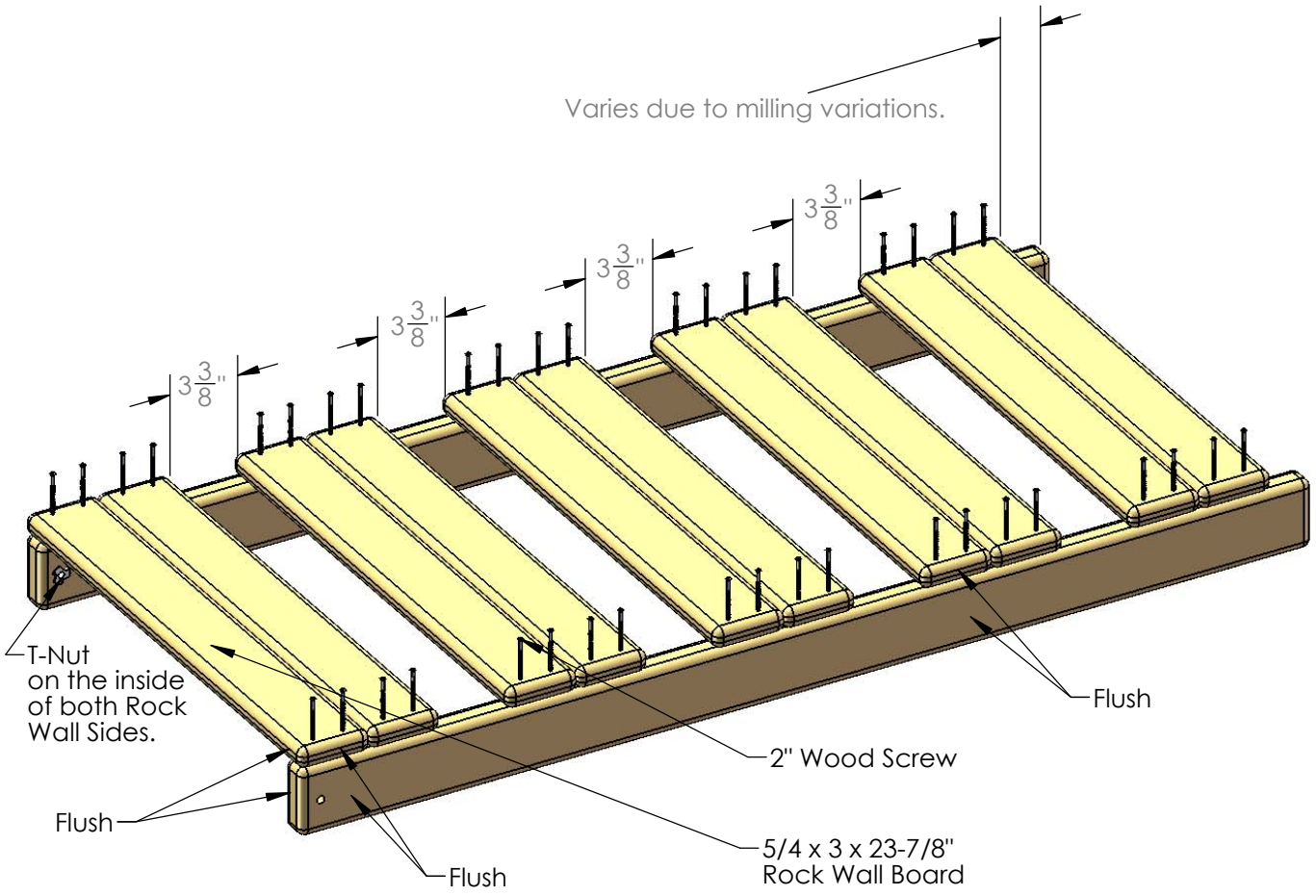
2: Starting from the top, place one Rock Wall Baord on top of the Rock Wall Sides, flush to the top and side. Attach it with two 2" wood screws in each side.

3: Fasten another Rock Wall Board directly under the first one.

4: Measure 3-3/8" down from the last board and make marks onto the Rock Wall Sides. Line up the top of another Rock Wall Board with the marks. Attach it with two 2" wood screws in each side. Fasten another Rock Wall Board directly under the the last board.

5: Repeat substep 4 going down the Rock Wall Sides. Keep the ends of each Rock Wall Board flush to the side of the Rock Wall Sides.

6: At the bottom there will be a small gap which will vary due to milling variations in the width of the Rock Wall Boards.

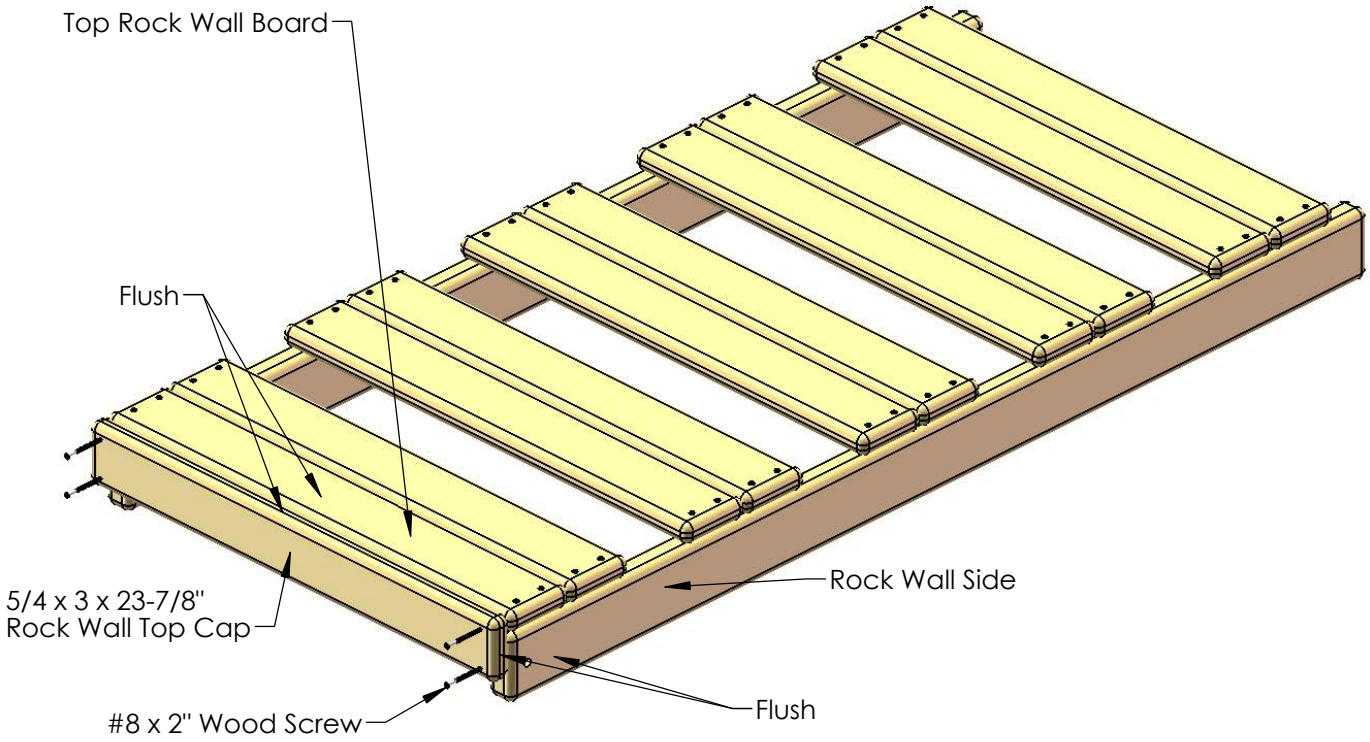


STEP 9: ROCK WALL

1: Place the 5/4 x 3 x23-7/8" Rock Wall Top Cap on top of the Rock Wall Sides overlapping the top Rock Wall Board.

2: Make sure the ends of the Rock Wall Top Cap are flush to the side of the Rock Wall Sides. The front face of the Rock Wall Top Cap should be flush to the front of the top Rock Wall Board.

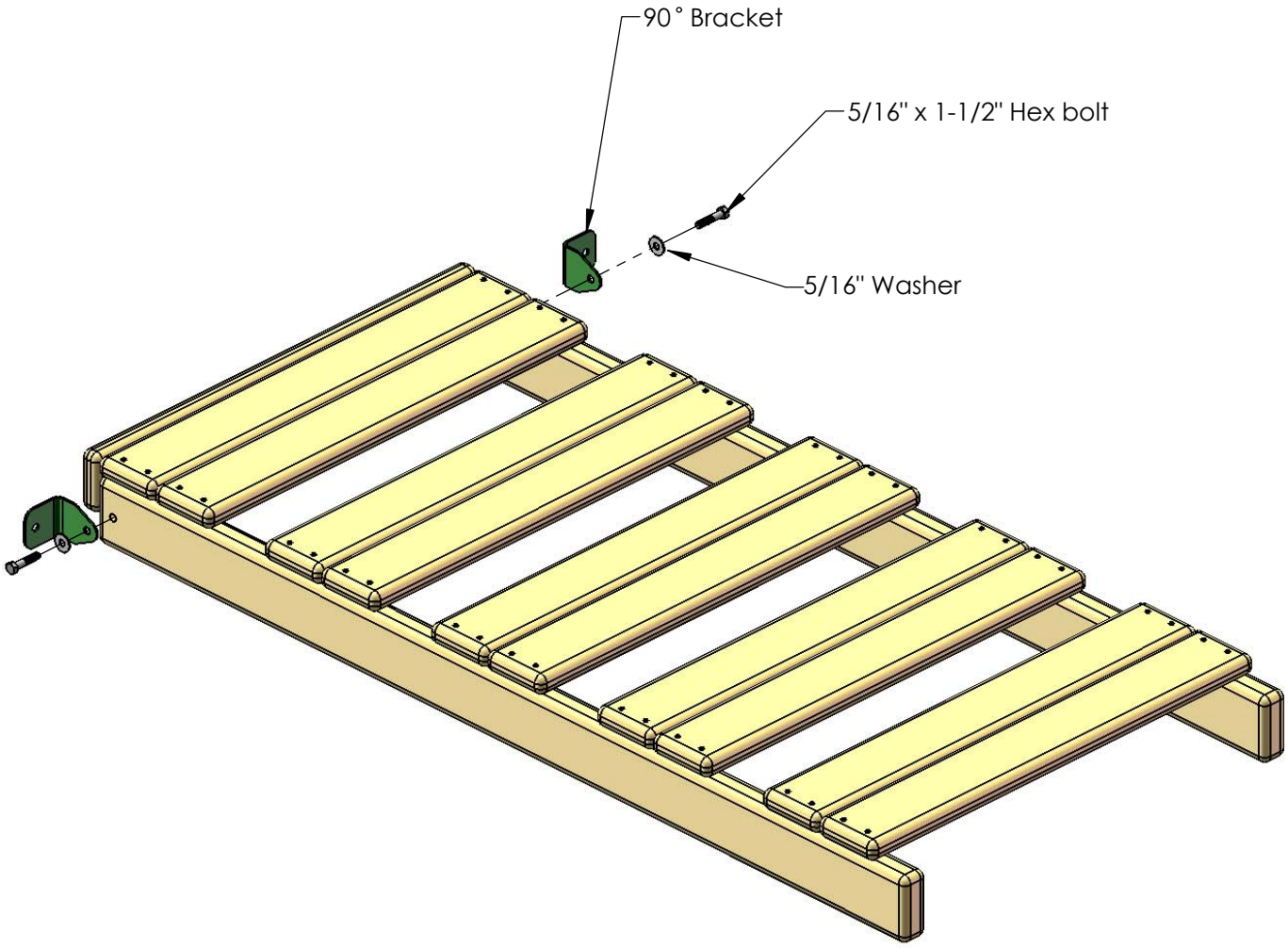
3: Attach the Rock Wall Top Cap with four #8 x 2" wood screws.



STEP 10: ROCK WALL

1: Fasten the 90˚ Green Bracket to the Rock Wall Sides with 5/16" X 1-1/2" hex bolts and 5/16" washers.

2: Tighten each bolt down so the bracket can still rotate.

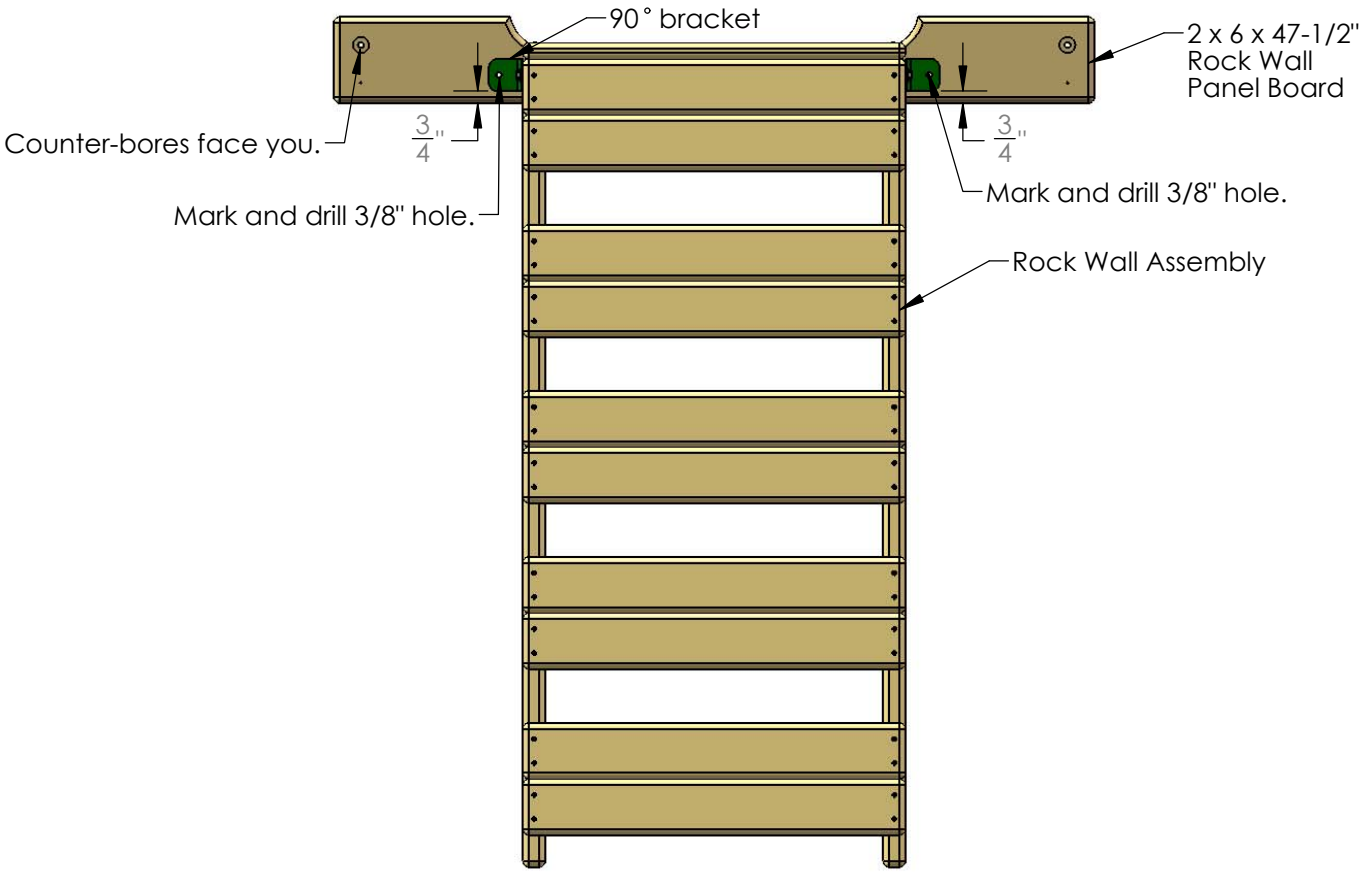


STEP 11: ROCK WALL PANEL BOARD

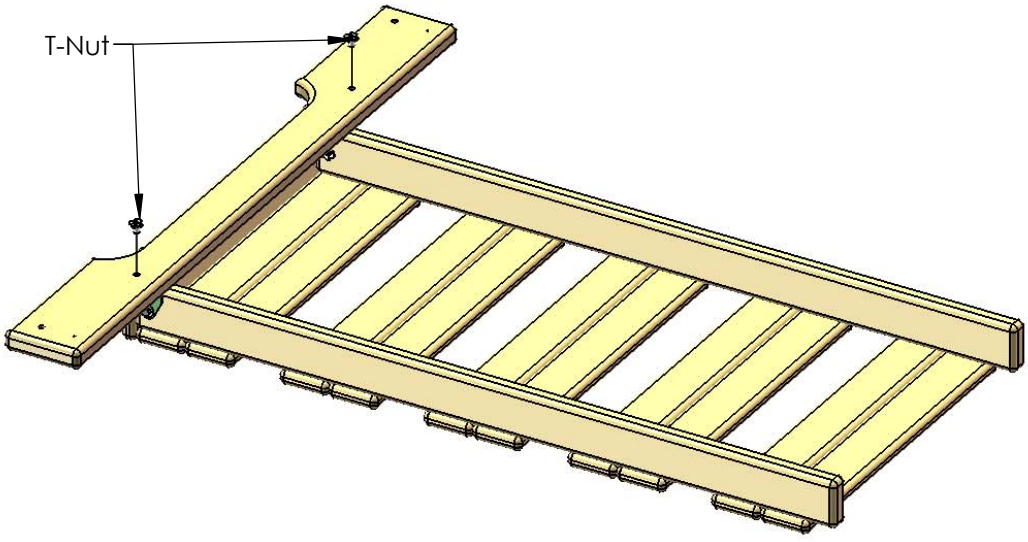
1: Place the Rock Wall on top of the 2 x 6 x 47-1/2" Rock Wall Panel Board. The counter-bores should face you. Center the parts and leave a 3/4" gap under 90˚ green bracket to the bottom of the Rock Wall Panel Board.

2: **Tip**: place a scrap piece of wood under the Rock Wall Panel Board at each mark where you will be drilling holes to prevent split out as the bit exits the back side of the board.

Mark through the hole in each 90˚ green bracket onto the Rock Wall Panel Board. Remove the Rock Wall and drill a 3/8" hole at each mark.



3: Now flip the Rock Wall Panel Board over and install a T-nut into each of the holes you just drilled. Place the Rock Wall Panel Board and the Rock wall aside for use in a later step.

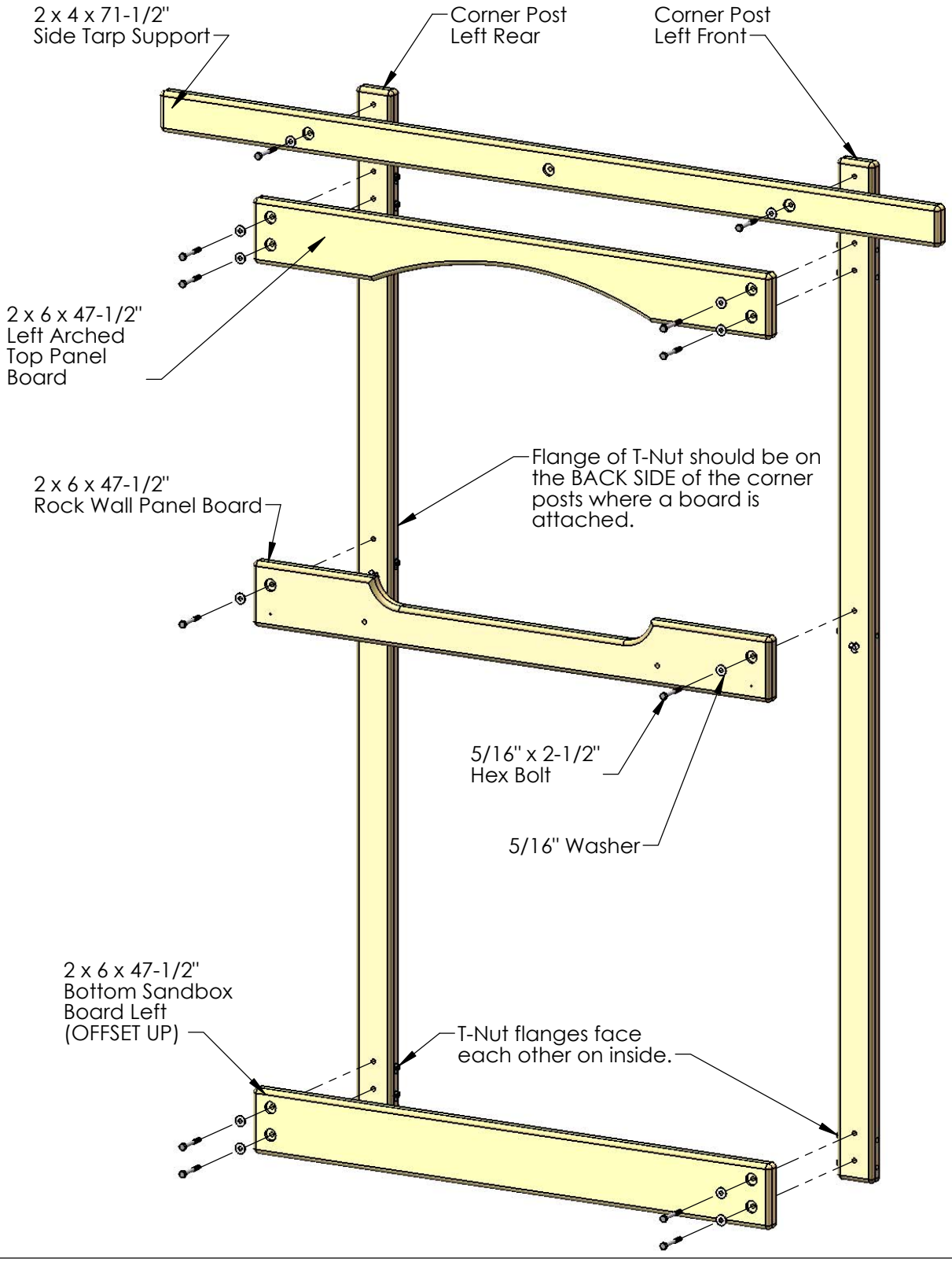


STEP 12: LEFT SIDE ASSEMBLY (OUTSIDE FACE)

1: Place the Left Front and Left Rear corner posts as shown below. The flange of the T-nuts should be on the INSIDE of the corner posts facing each other at the top, middle and bottom.

2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.

3: Attach each board to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.



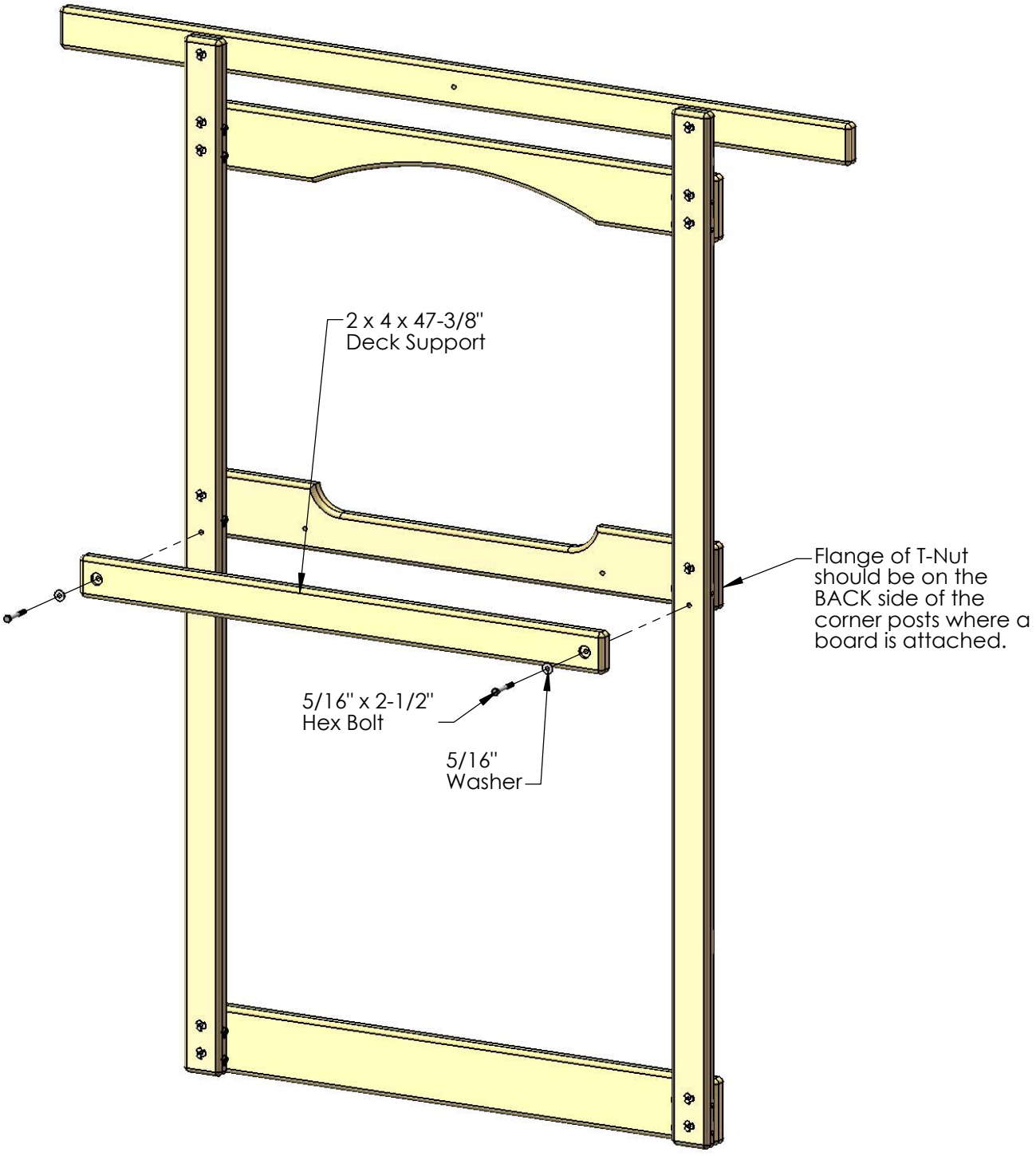
STEP 13: LEFT SIDE ASSEMBLY (INSIDE FACE)

1: Turn over the Left Side Frame Assembly

2: The flange of the T-nuts should be on the BACK side of the corner posts where the board is attached.

3: Attach the 2 x 4 x 47-3/8" Deck Support to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.

4: Set the completed Left Side Frame Assembly aside and proceed to the next step.



STEP 14: FRONT BOARDS

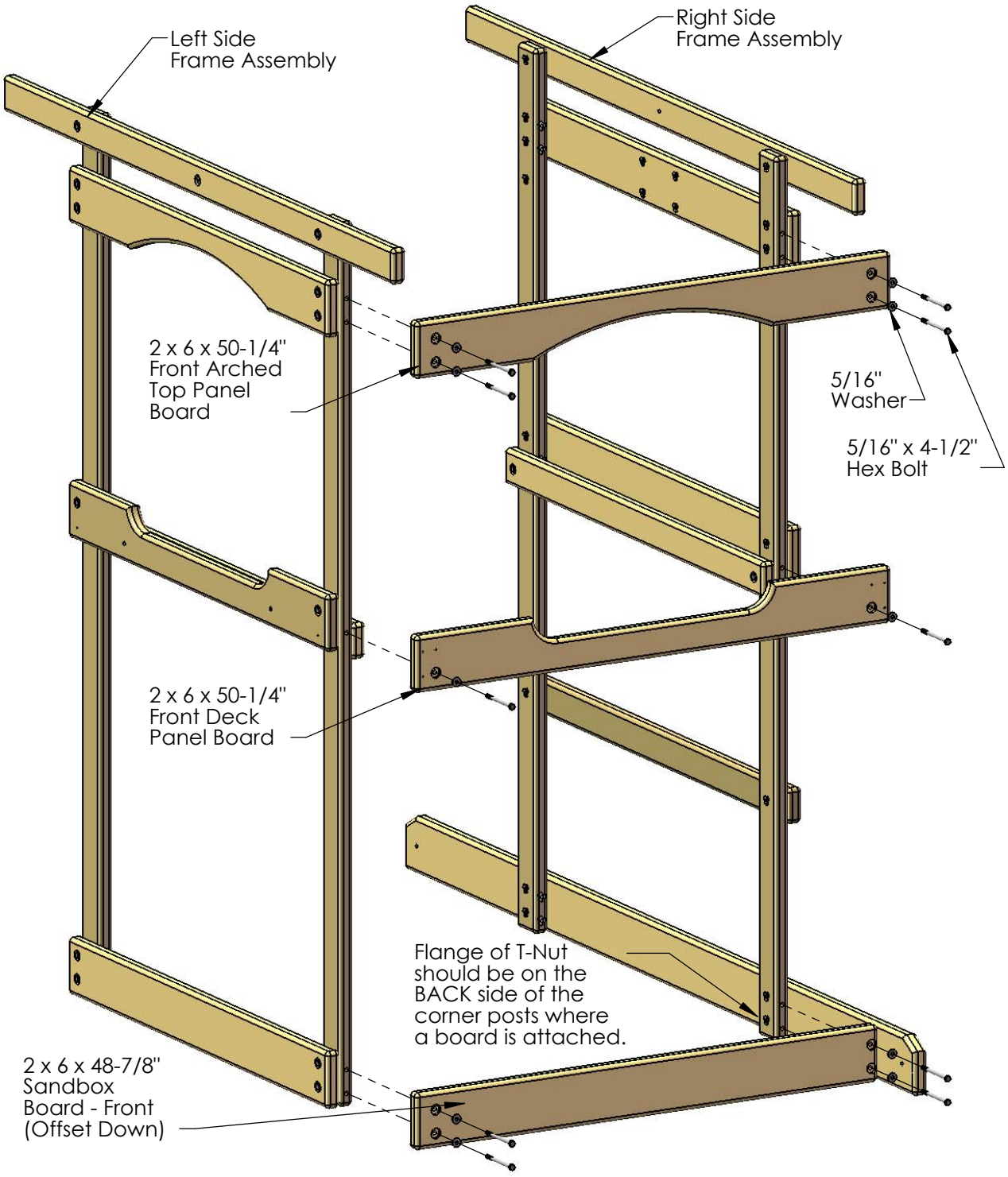
1: Have an assistant hold up the Right Side Frame and Left Side Frame assemblies.

2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.

3: Attach the 2 x 6 x 50-1/4" Front Arched Top Panel Board to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.

4: Attach the 2 x 6 x 50-1/4" Front Deck Panel Board to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.

5: Attach the 2 x 6 x 48-7/8" Sandbox Board - Front (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.



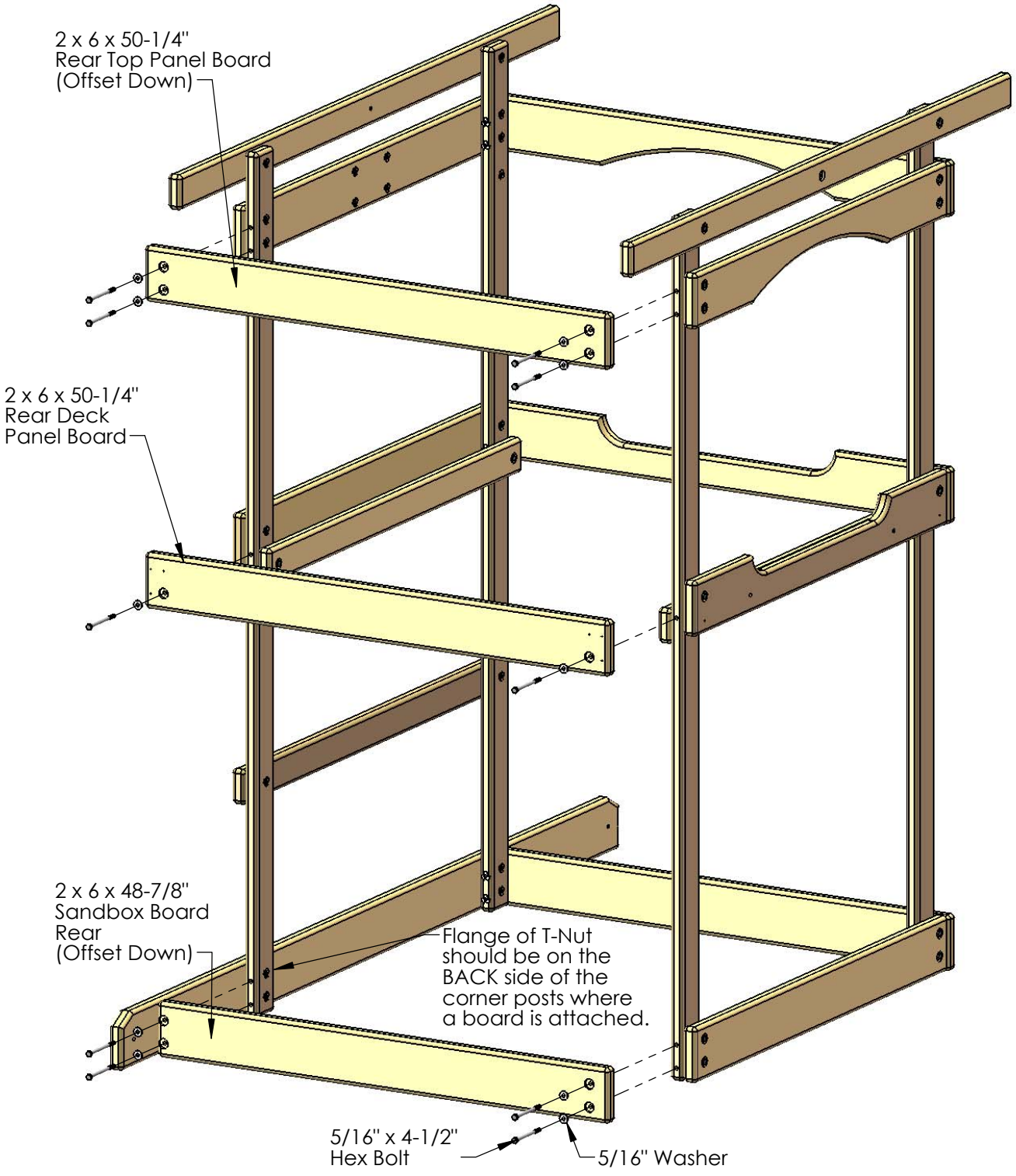
STEP 15: REAR BOARDS

1: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.

2: Attach the 2 x 6 x 50-1/4" Rear Top Panel Board (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.

3: Attach the 2 x 6 x 50-1/4" Rear Deck Panel Board to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.

4: Attach the 2 x 6 x 48-7/8" Sandbox Board - Rear (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.



STEP 16: SIDE SUPPORTS

1: Now is the time to level and square up your play set. Refer to the directions at the beginning of the manual for this process. Also see Step 33 for placement instructions.

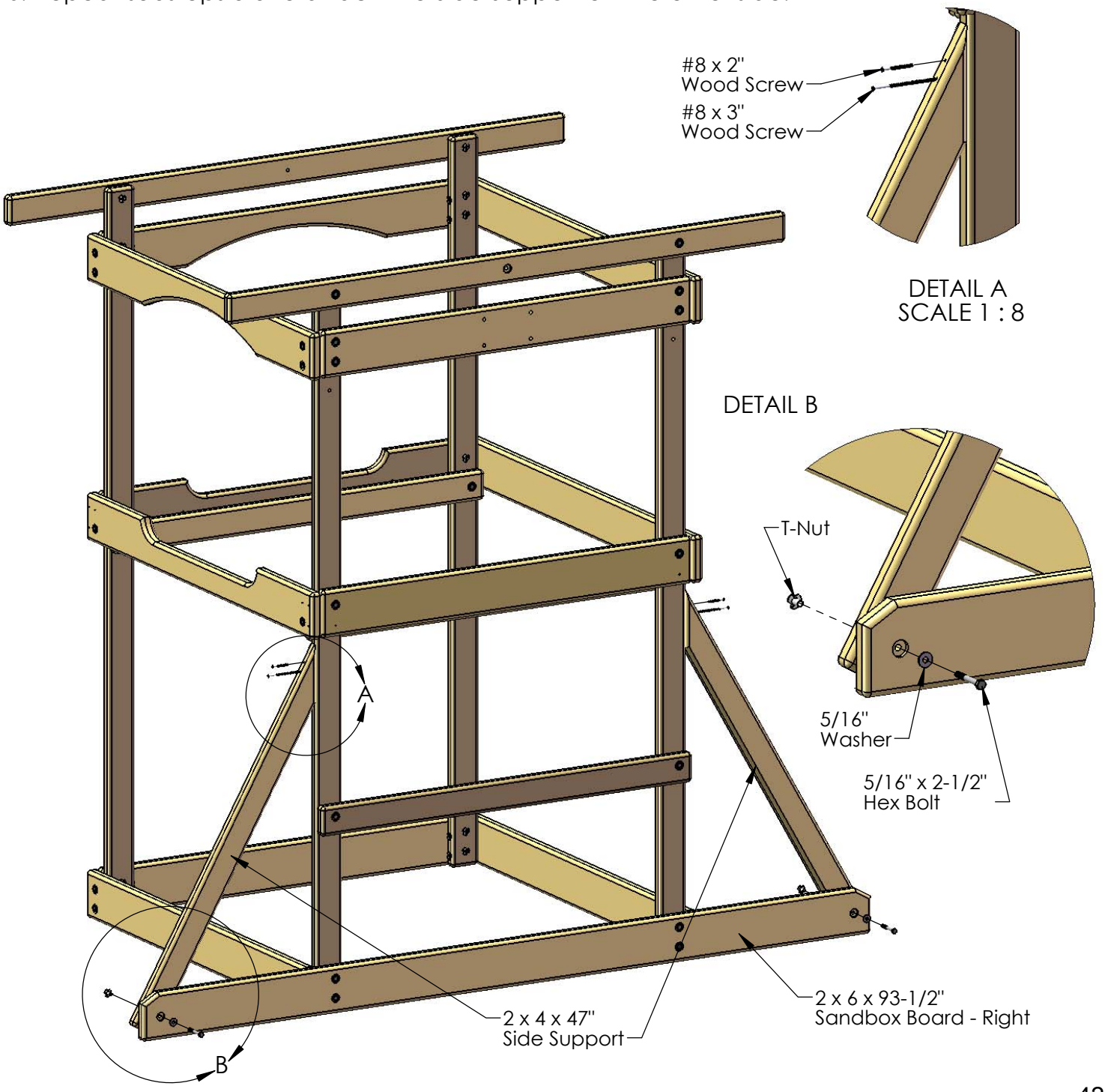
2: Once you have the play set level and square proceed to substep 3.

3: Insert a T-Nut in the back side of a 2 x 4 x 47" Side Support. (See Detail B)

4: Attach the 2 x 4 x 47" Side Support to the 2 x 6 x 93-1/2" Sandbox Board - Right with a 5/16" x 2-1/2" hex bolt and 5/16" washer. (See Detail B)

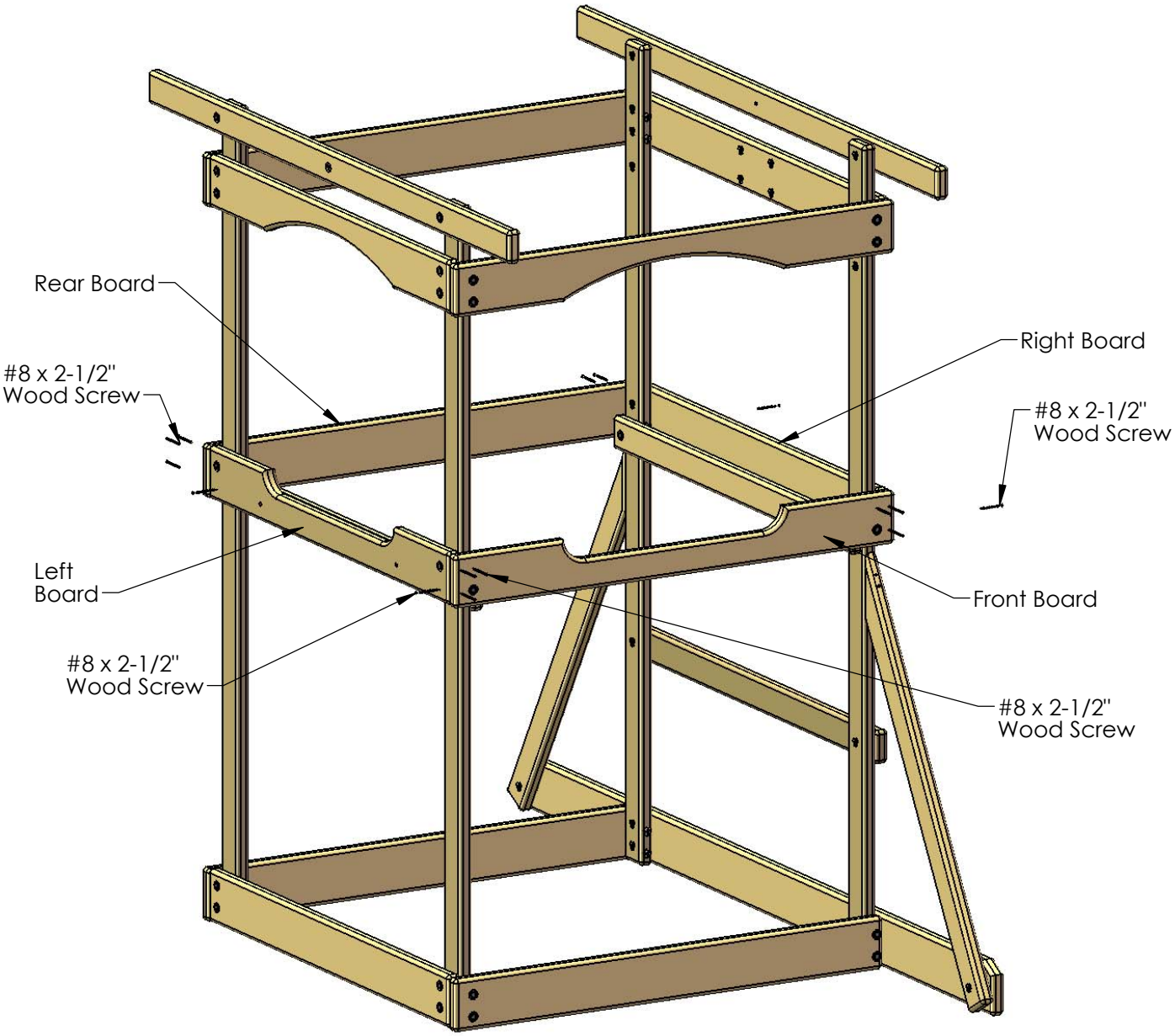
5: At the angled end of the Side Support attach it to the corner post with one #8 x 2" wood screw in the top hole and one #8 x 3" wood screw in the bottom hole. (See Detail A)

6: Repeat substeps 3-5 to attach the Side Support on the other side.



STEP 17: SCREWS IN DECK LEVEL 2 X 6'S

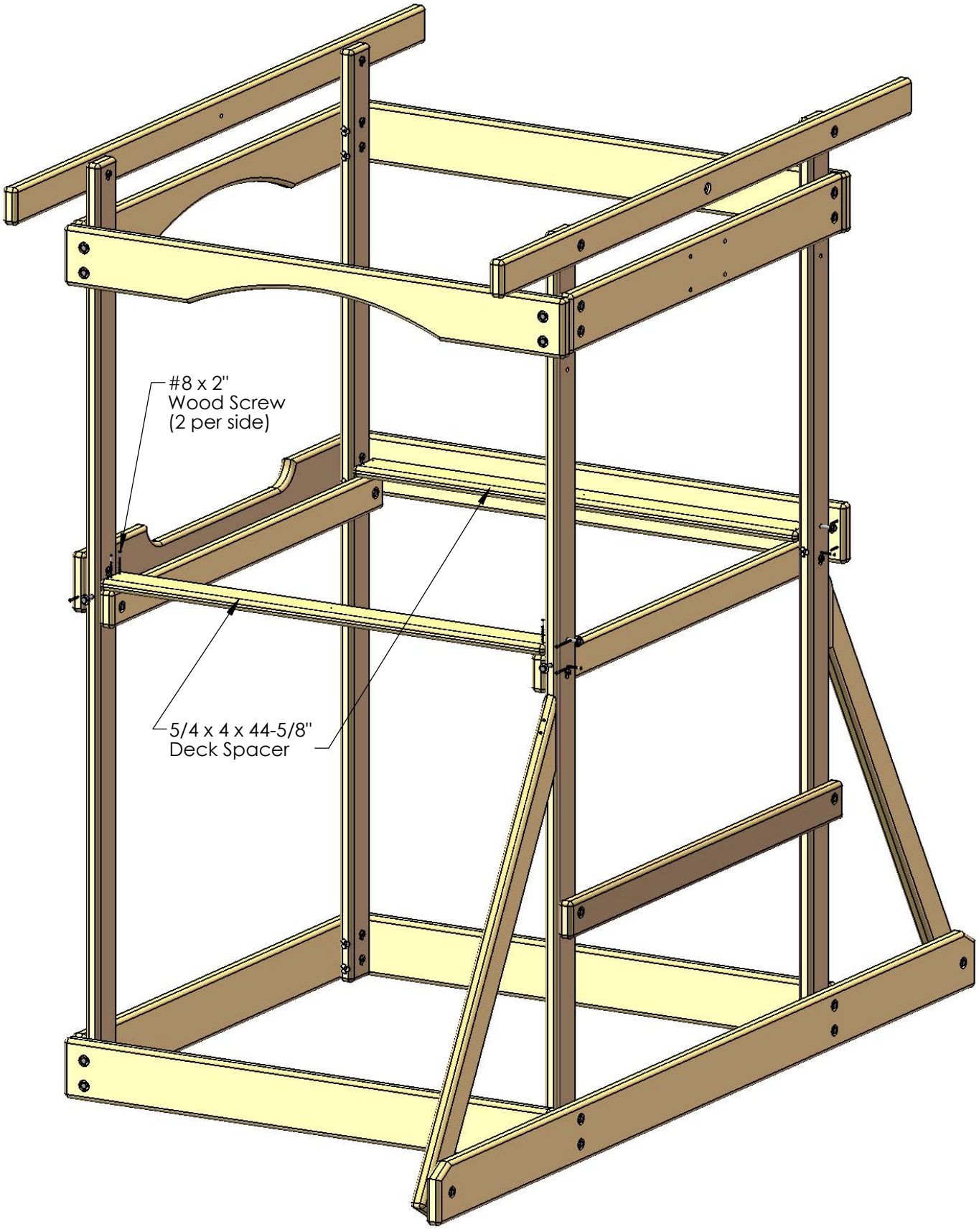
1: Drive #8 x 2-1/2" wood screws into the small predrilled holes in all the 2 x 6's at the deck level. The front and rear boards will receive 6 screws. The left and right boards will receive 2 screws.



STEP 18: DECK SPACERS

1: Place one 5/4 x 4 x 44-5/8" Deck Spacer between the front corner posts and place one 5/4 x 4 x 44-5/8" Deck Spacer between the rear corner posts as shown below.

2: Attach each Deck Spacer to the Deck Supports underneath them with four #8 x 2" wood screws.



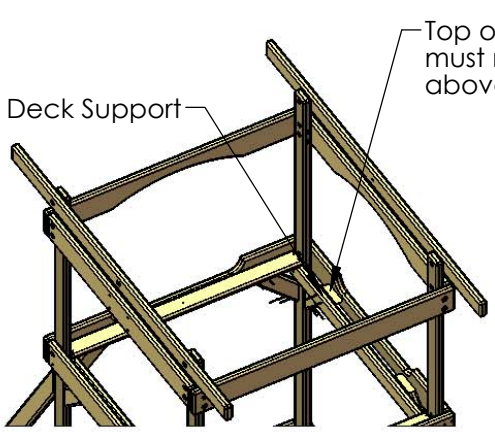
STEP 19: ANGLE SUPPORTS

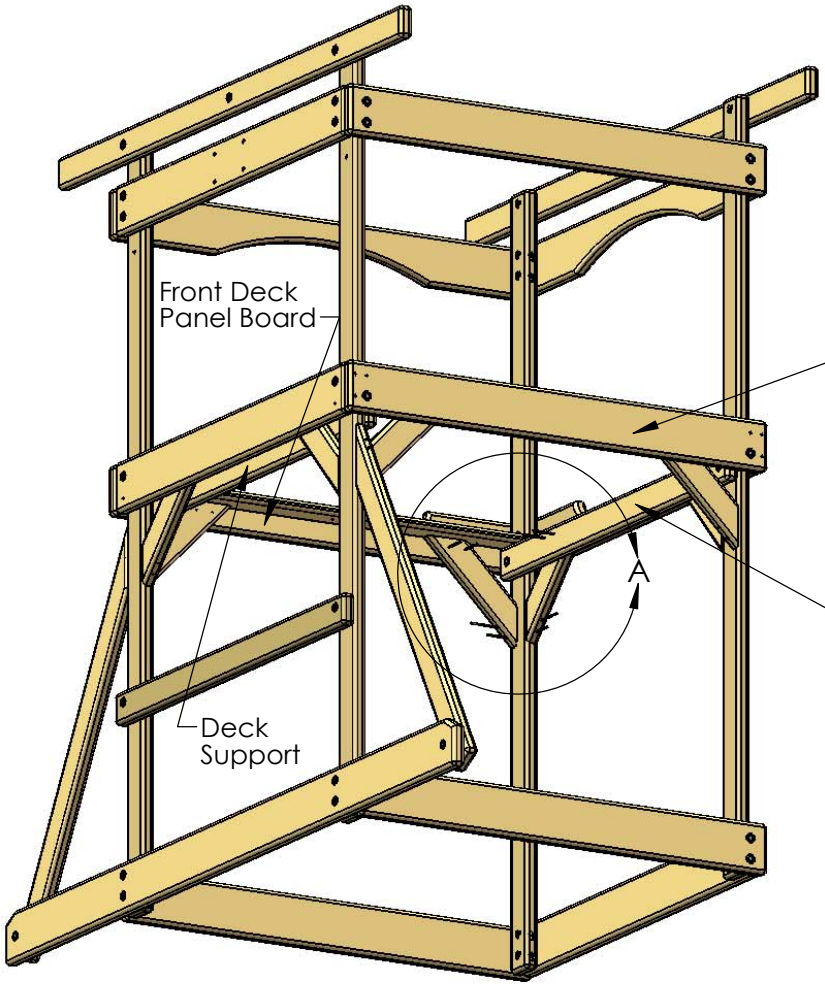
1: Place two 2 x 4 x 15" Angle Supports on the inside of the Front Deck Panel Board and the Rear Deck Panel Board.

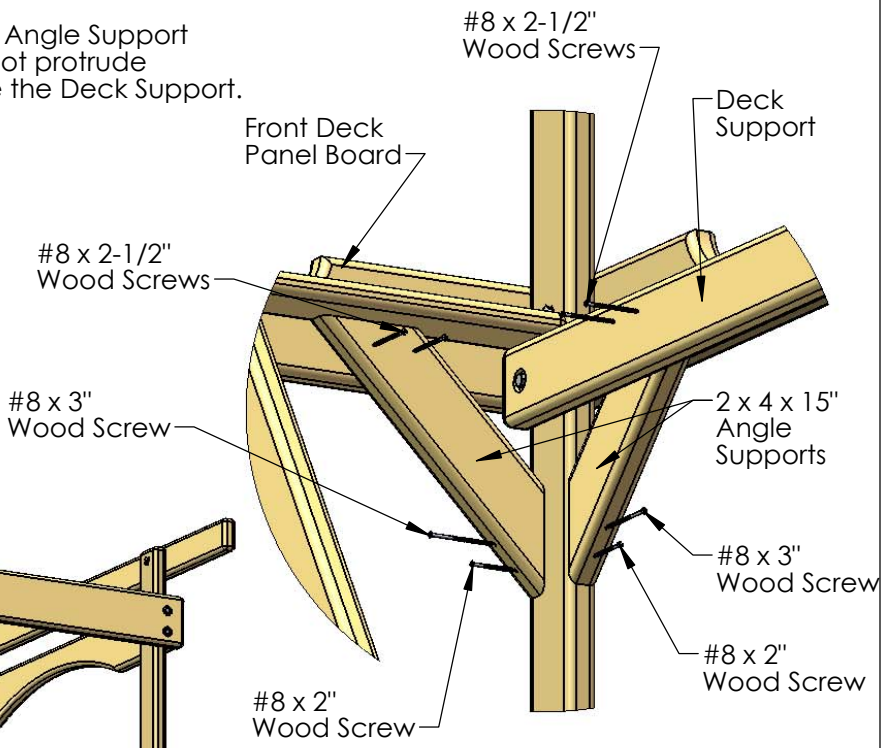
2: Check each area where you are installing an Angle Support for squareness. Then install the Angle Support with #8 x 2-1/2" wood screws at the top and a #8 x 2" wood screw at the bottom with a #8 x 3" wood screw above it.

3: Place two 2 x 4 x 15" Angle Supports on the outside of the Deck Supports. Make sure the top of the Angle Support does not protrude above the top of the Deck Support or it will interfere with the Deck Board installation later.

4: Check each area where you are installing an Angle Support for squareness. Then install the Angle Support with #8 x 2-1/2" wood screws at the top and a #8 x 2" wood screw at the bottom with a #8 x 3" wood screw above it.







DETAIL A
SCALE 1 : 8

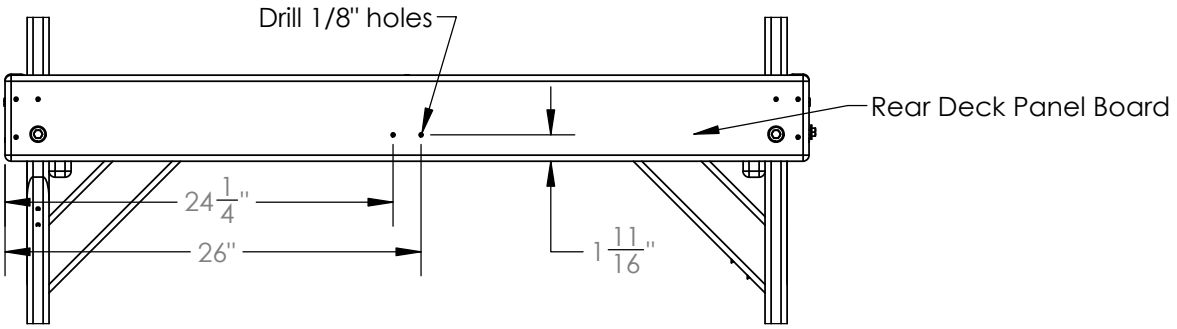
STEP 20: CENTER DECK SUPPORT

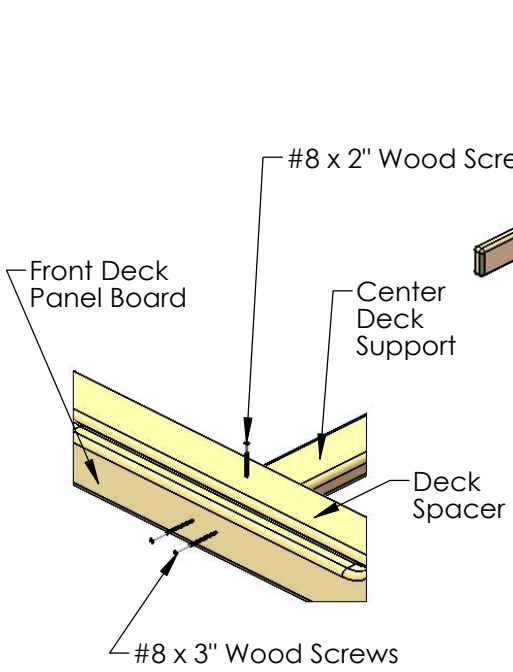
1: Place the 2 x 4 x 47-1/2" Center Deck Support underneath the Deck Spacers. Center it under the middle hole of each Deck Spacer.

2: Fasten the Center Deck Support to the Deck Spacers at the middle hole with #8 x 2" wood screws.

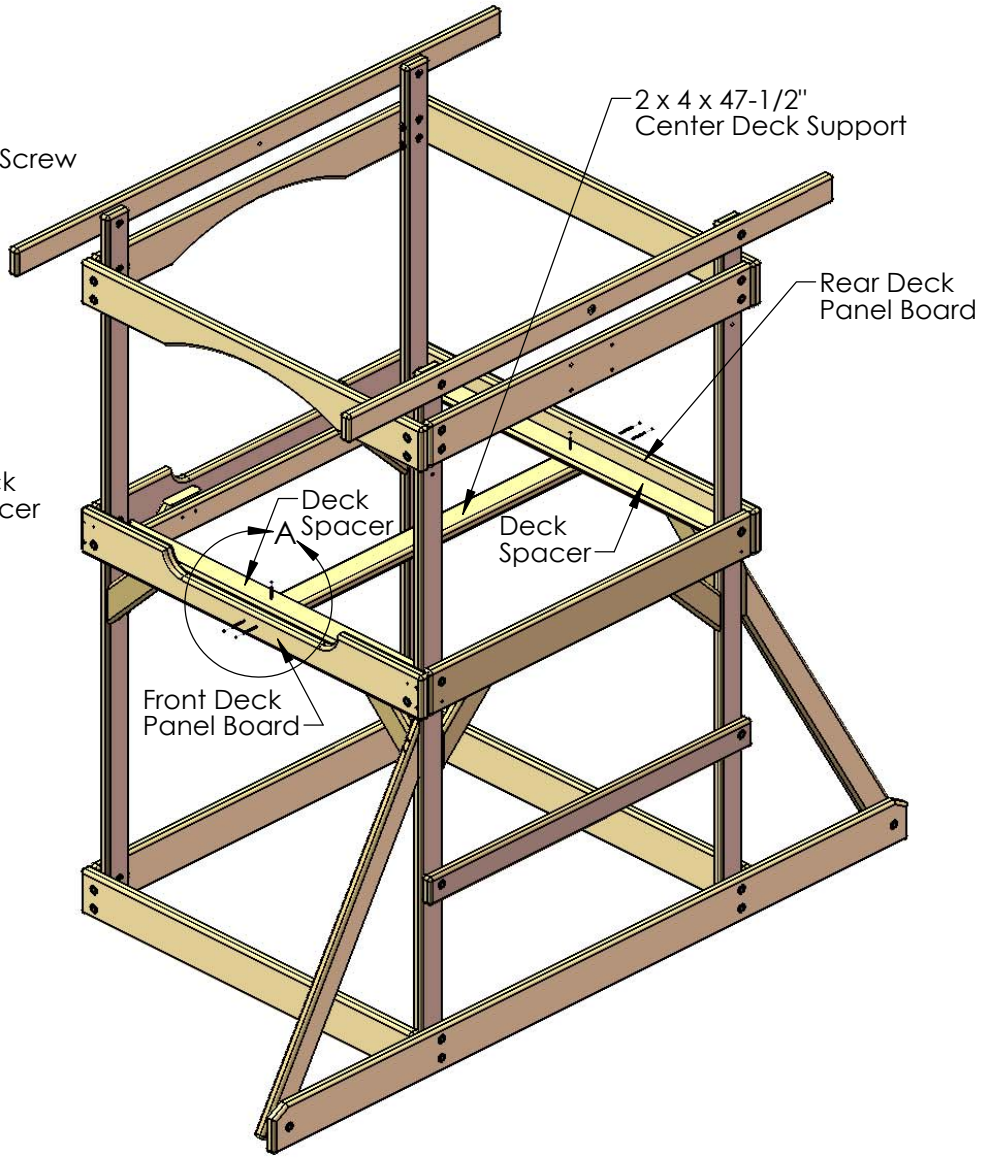
3: Measure at the Front Deck Panel Board and Rear Deck Panel Board as shown below and make two marks. Drill two 1/8" holes by 1-3/8" deep at the marks.

4: Fasten the Center Deck Support to the Front/Rear Deck Panel Boards with #8 x 3" wood screws.





DETAIL A
SCALE 1 : 10

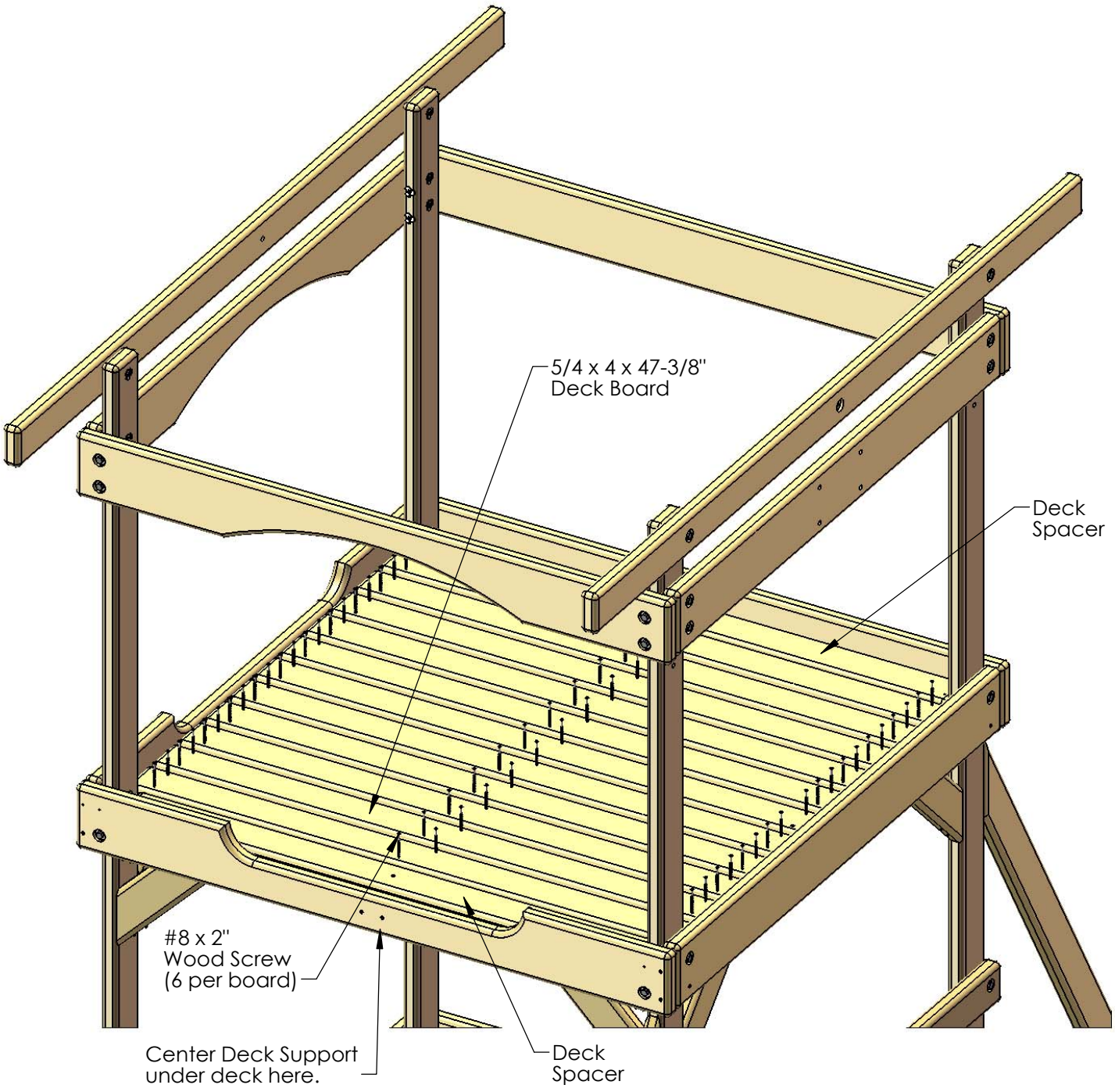


STEP 21: DECK BOARDS

1: Place eleven 5/4 x 4 x 47-3/8" Deck Boards on top of the Deck Supports between the Deck Spacers. The Deck Boards should have approximately 3/16" of space between them.

2: If any of the Deck Boards are bowed slightly then place them with the bow side up.

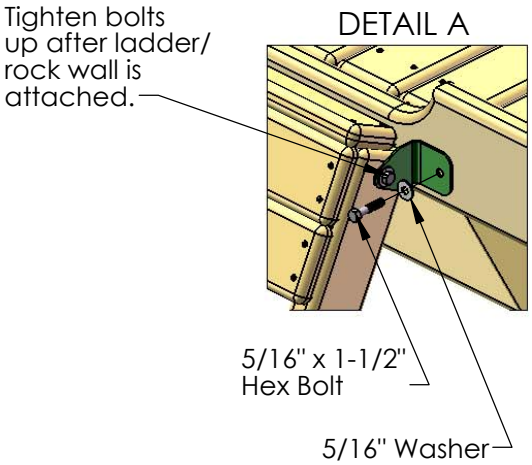
3: Fasten the ends of each Deck Board to the Deck Supports with #8 x 2" wood screws. If the Deck Board is bowed up in the middle then push it down against the Center Deck Support before driving in the 2" wood screws.

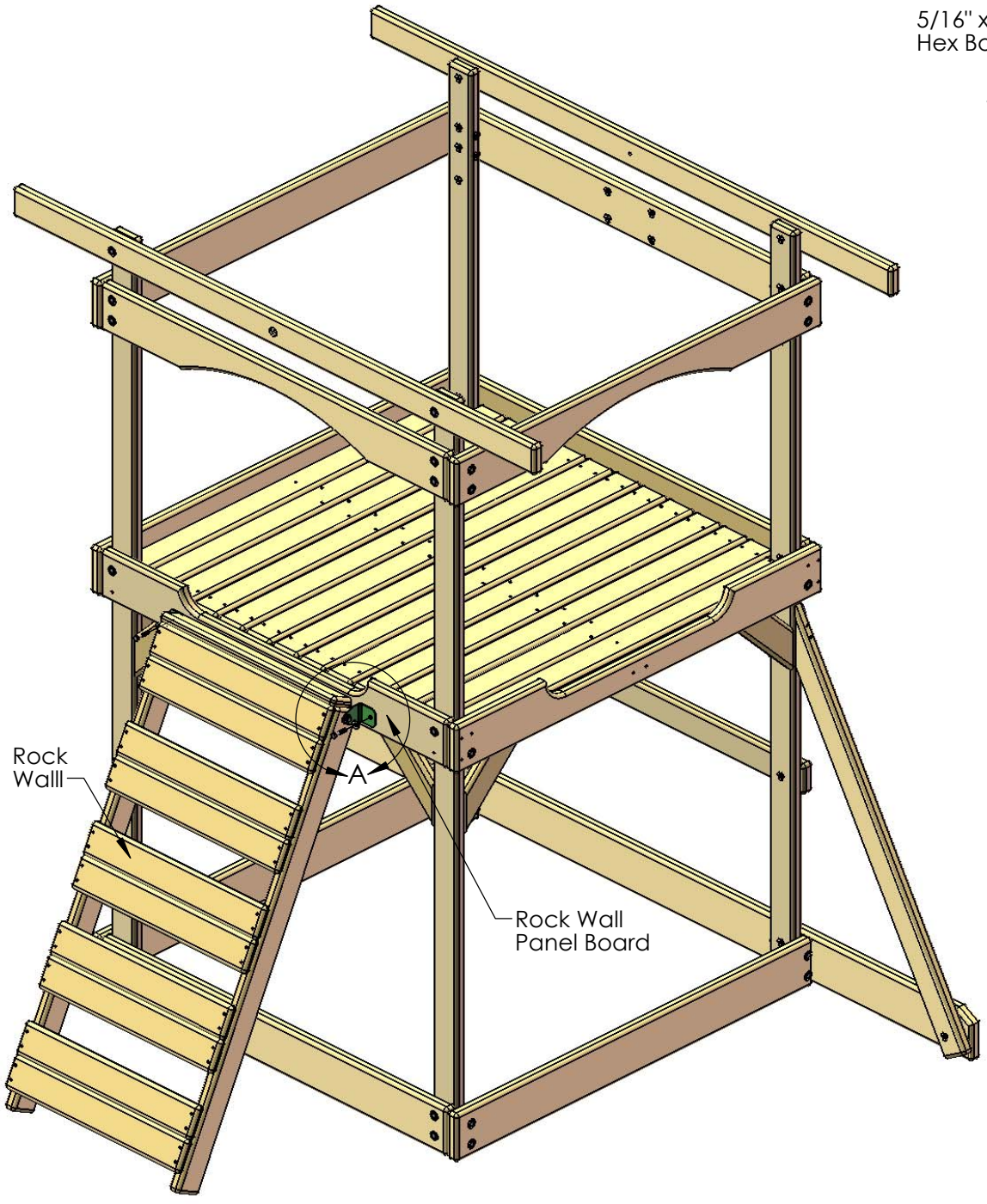


STEP 22: ROCK WALL

1: Attach the 90˚ green brackets to the Rock Wall Panel Board with a 5/16" x 1-1/2" hex bolt and a 5/16" washer.

2: Now tighten the bolts in the side of the Rock Wall Sides.



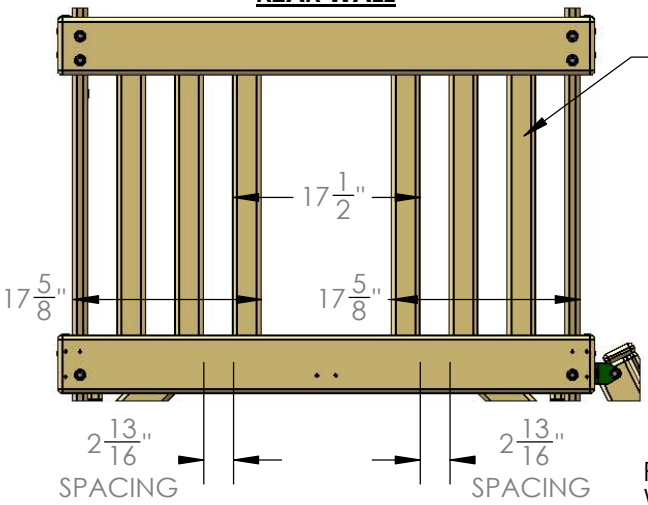


STEP 23: PANEL SLATS

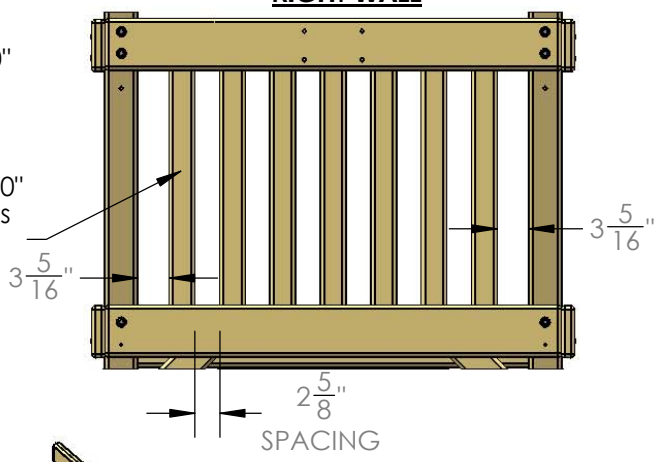
1: All the 5/4 x 3 x 30" Panel Slats will be installed on the inside of the 2 x 6 boards as shown below.

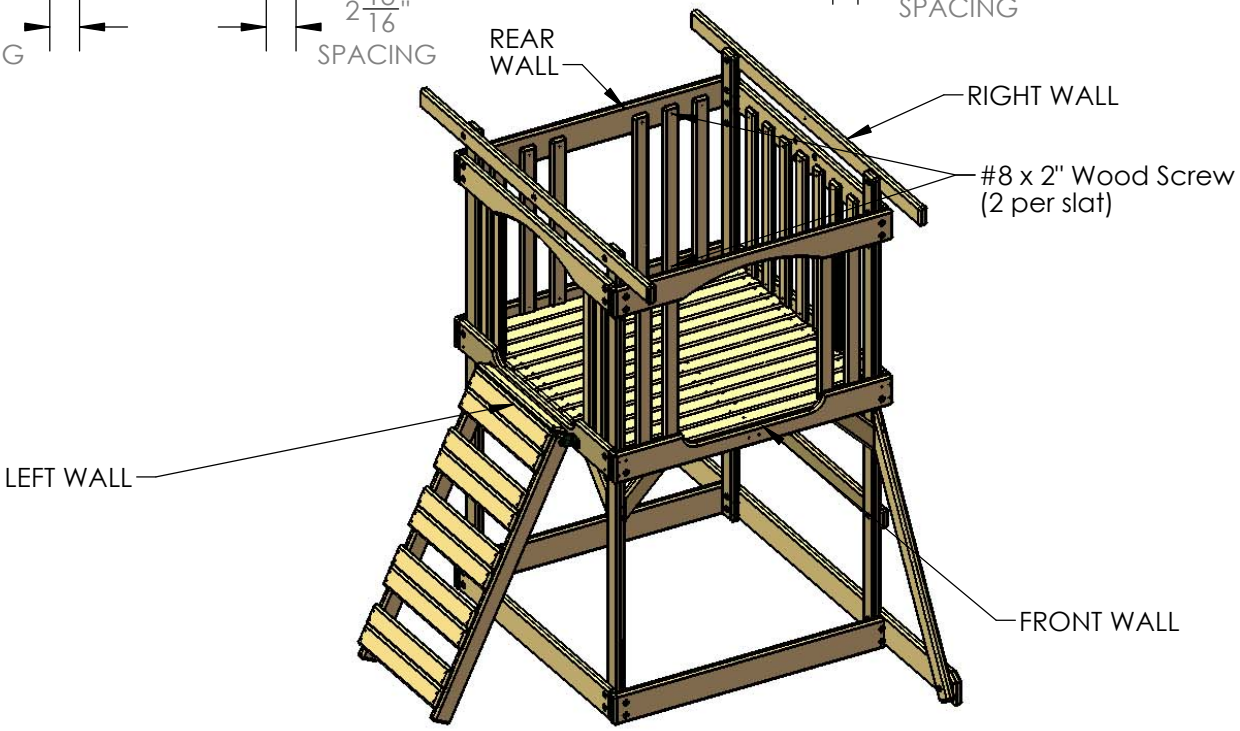
2: Place each Panel Slat into position as shown below and secure it with two #8 x 2" wood screws.

REAR WALL

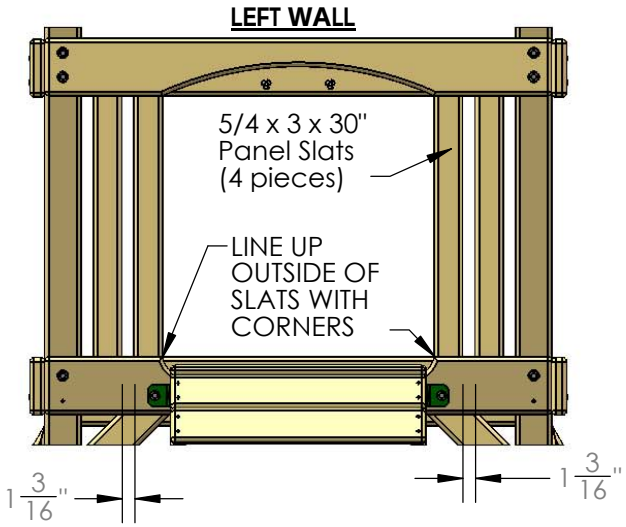


RIGHT WALL

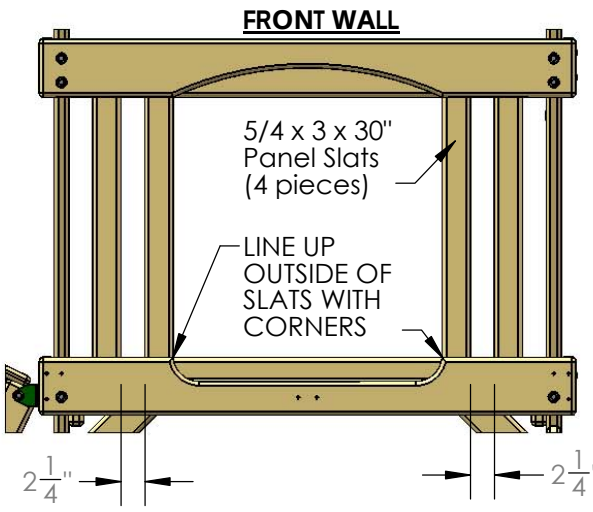




LEFT WALL



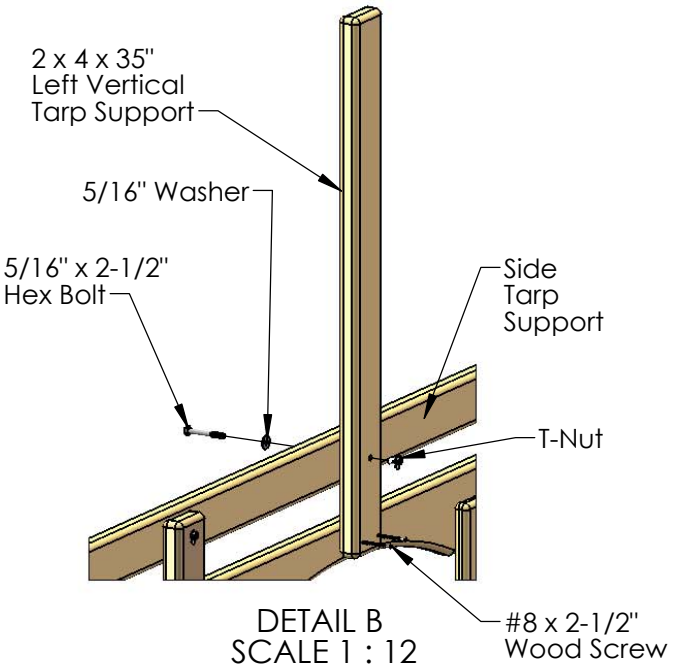
FRONT WALL



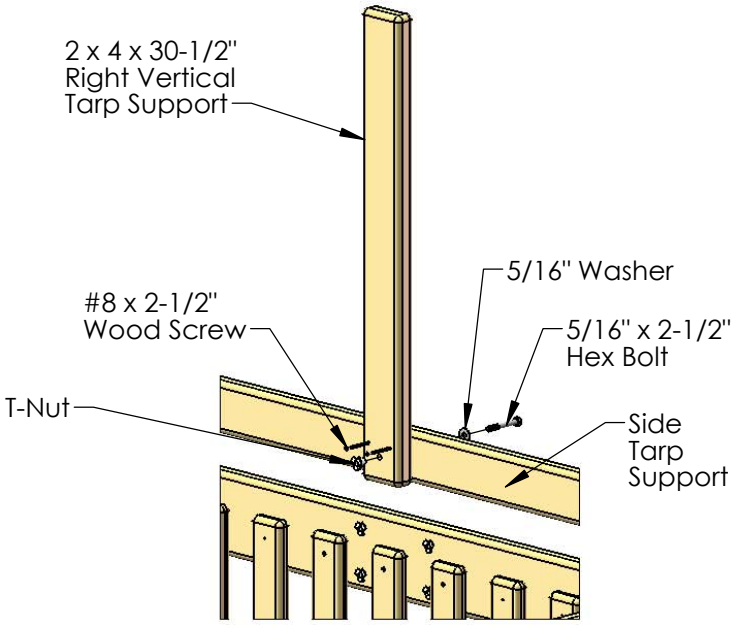
STEP 24: TARP SUPPORTS (VERTICAL)

1: Hammer a T-Nut into the 2 x 4 x 30-1/2" Right Vertical Tarp Support. (See Detail A) Attach the Right Vertical Tarp Support to the Side Tarp Support with a 5/16" x 2-1/2" hex bolt and a 5/16" washer. Square the Right Vertical Tarp Support to the Side Tarp Support and attach it with two #8 x 2-1/2" wood screws.

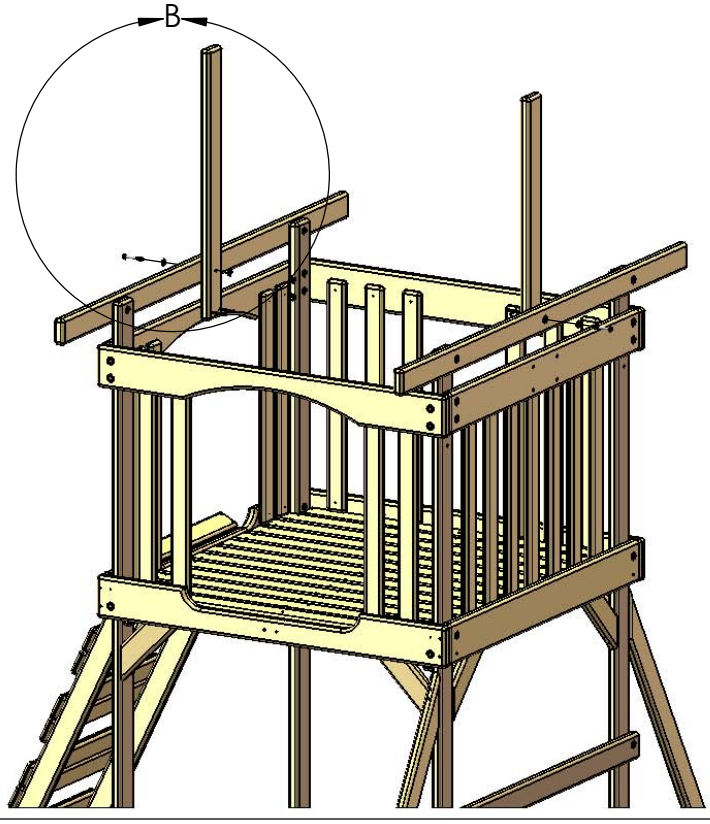
2: Hammer a T-Nut into the 2 x 4 x 35" Left Vertical Tarp Support. (See Detail B) Attach the Left Vertical Tarp Support to the Side Tarp Support with a 5/16" x 2-1/2" hex bolt and a 5/16" washer. Square the Left Vertical Tarp Support to the Side Tarp Support and attach it with two #8 x 2-1/2" wood screws.

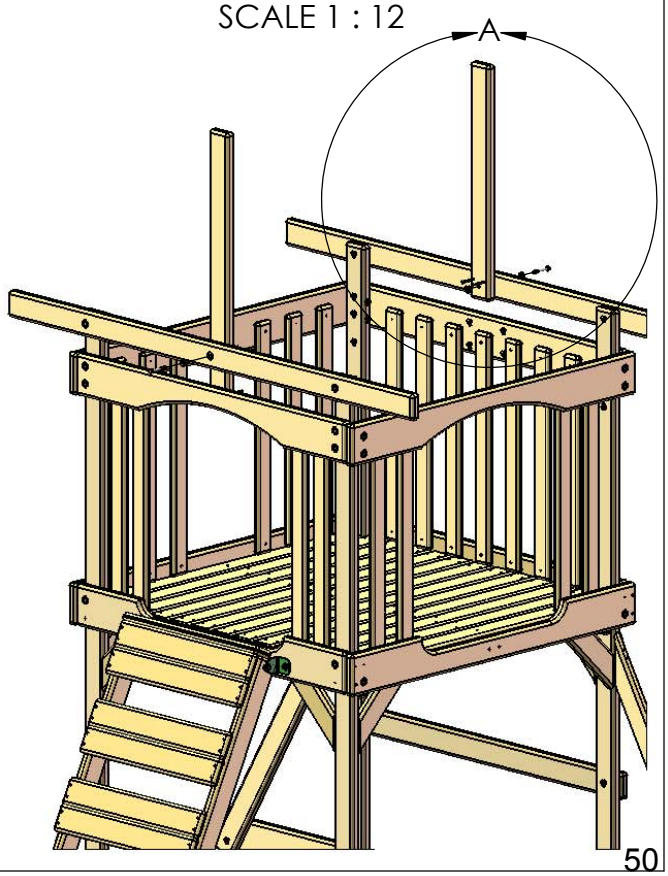


DETAIL B
SCALE 1 : 12



DETAIL A
SCALE 1 : 12

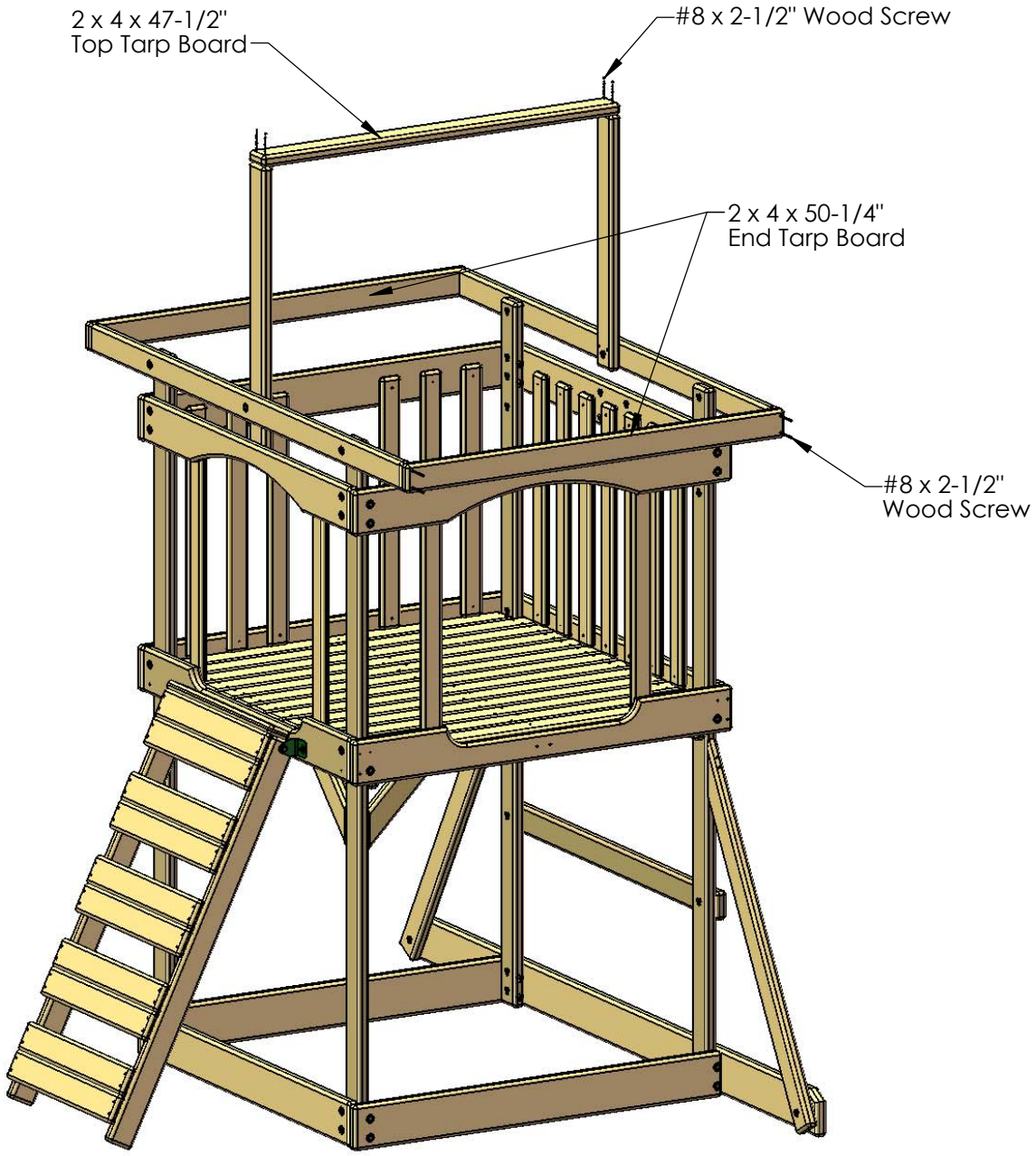




STEP 25: TOP TARP BOARD AND END TARP BOARDS

1: Place the 2 x 4 x 47-1/2" Top Tarp Board on top of the vertical tarp support boards that were just installed. Attach the Top Tarp Board to the vertical tarp supports with four #8 x 2-1/2" wood screws.

2: Place the 2 x 4 x 50-1/4" End Tarp Boards on the end of the Side Tarp Supports. Attach each End Tarp Board to the Side Tarp Supports with four #8 x 2-1/2" wood screws.

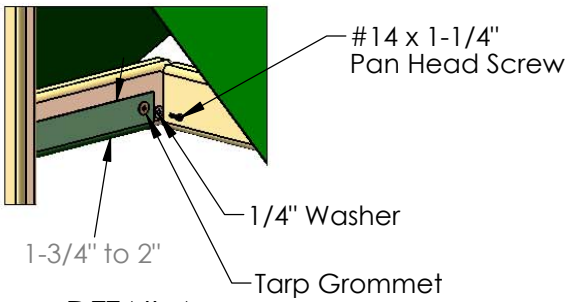


STEP 26: TARP

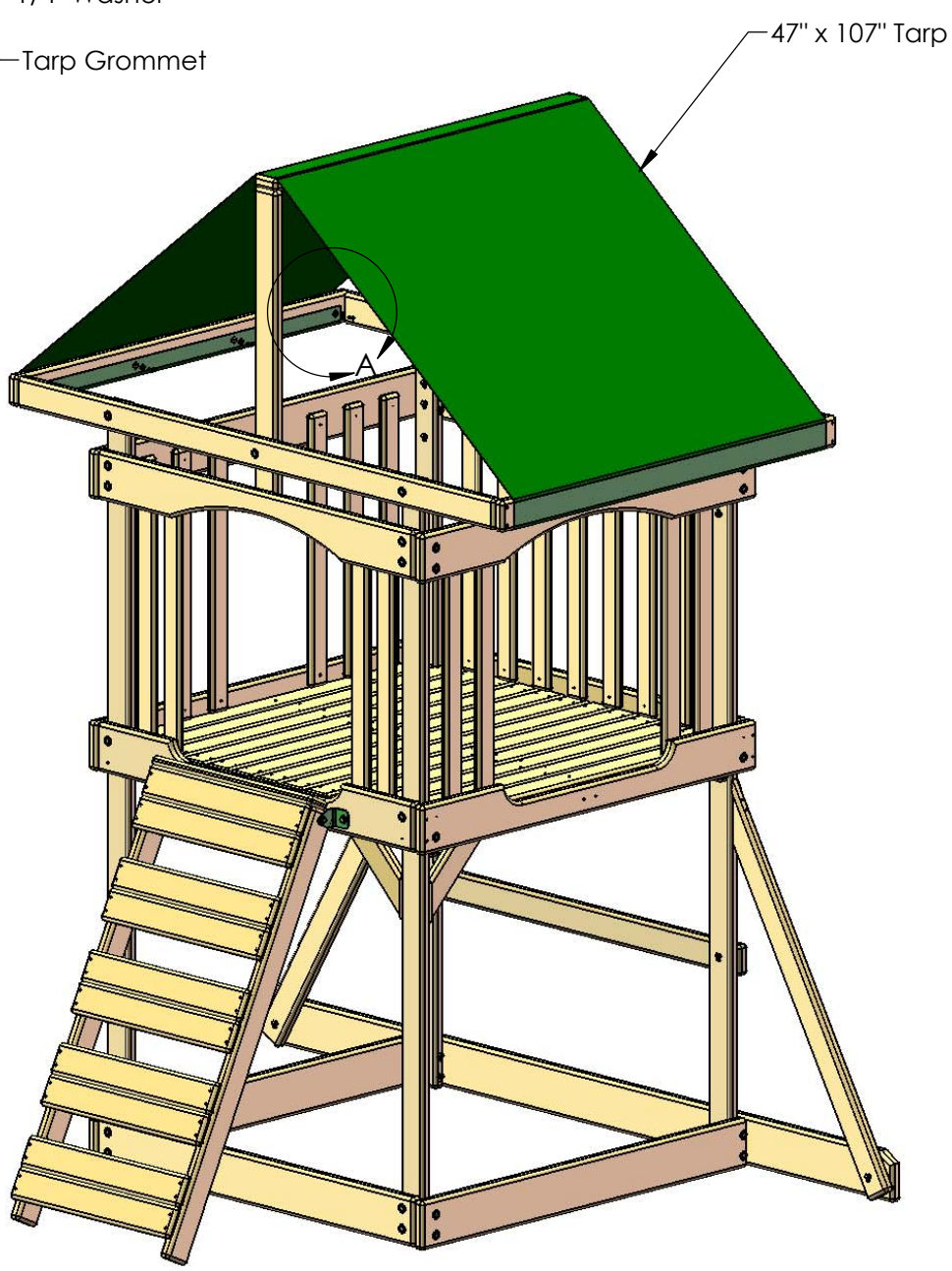
1: Place the 47" x 107" Tarp over the Top Tarp Board with the side hemmed edges facing the ground. The finished side with no hems will face the sky.

2: The ends of the Tarp will wrap around the End Tarp Boards approximately 1-3/4" to 2" on the inside.

3: Attach the Tarp to the End Tarp Boards through the grommets with eight #14 x 1-1/4" pan head screws and eight 1/4" flat washers.



DETAIL A
SCALE 1 : 10



STEP 27: ROCK WALL ROCKS

1: Place the Rock Wall Rocks onto the Rock Wall Boards in a staggered pattern as shown below. Keep the holes in the Rocks away from the outer edges of the boards to prevent splits.

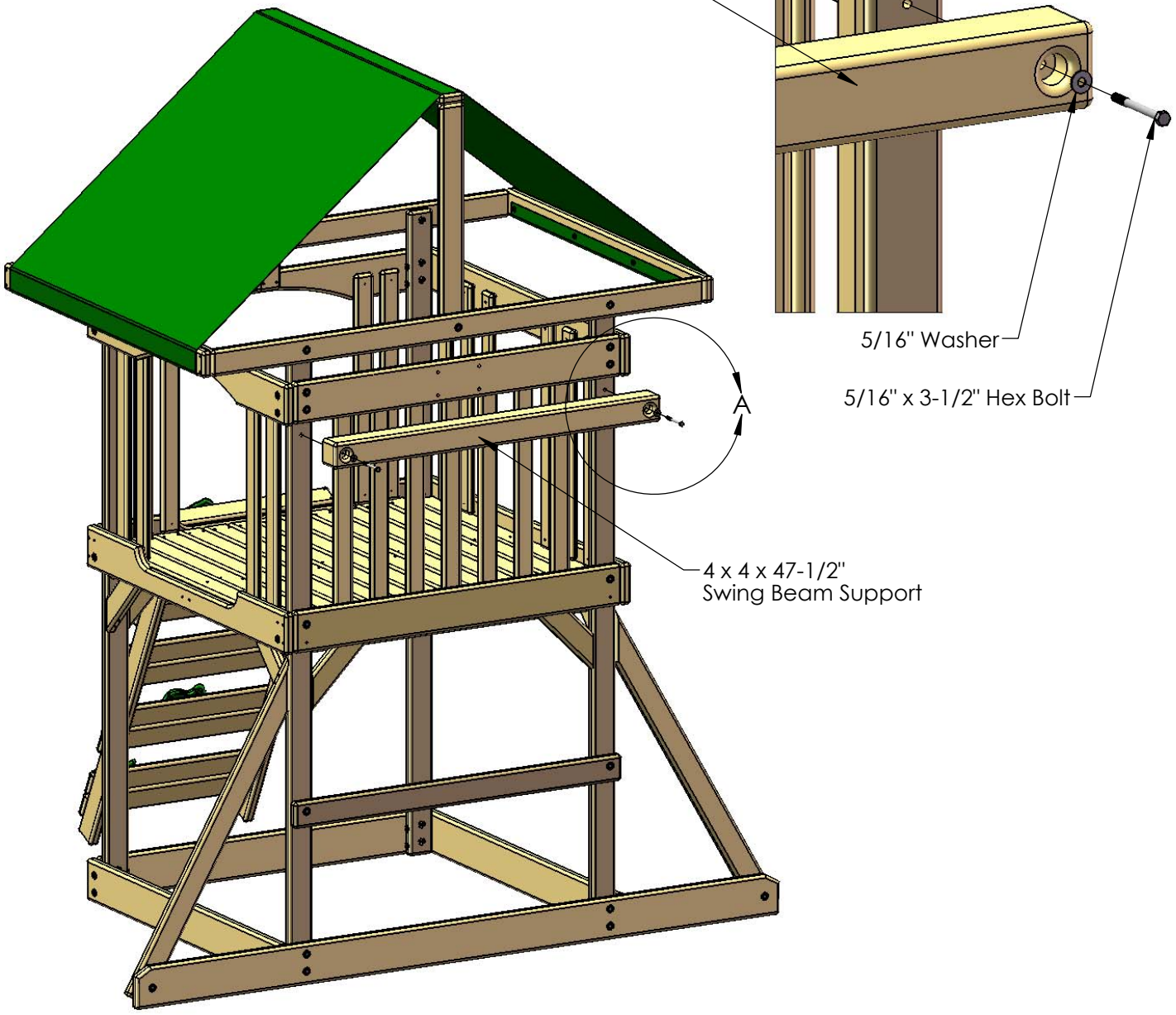
2: Attach each Rock Wall rock to the Rock Wall Board with the #14 x 1-1/4" pan head screws and 1/4" washers provided with the rocks.

STEP 28: SWING BEAM SUPPORT

1: Place the 4 x 4 x 47-1/2" Swing Beam Support against the outside of the right corner posts.

2: Attach the Swing Beam Support to the corner posts with 5/16" x 3-1/2" hex bolts and 5/16" washers into the t-nuts that were previously installed.

Note the flange of the T-nuts should be on the BACK side of the corner posts where the support is attached.

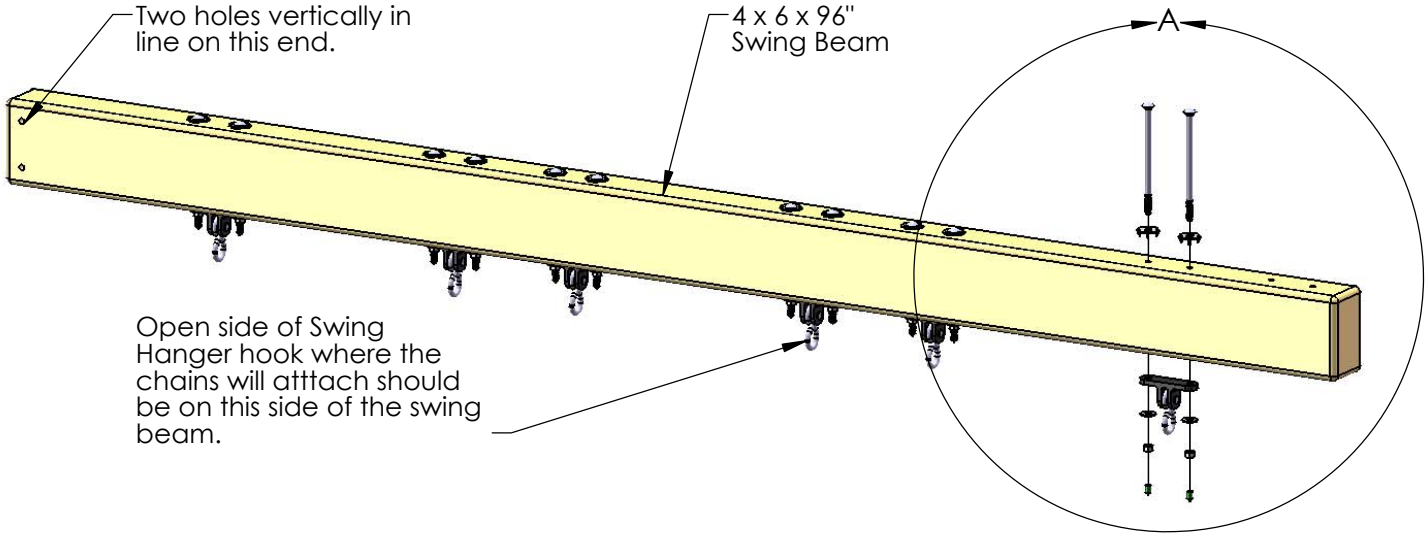


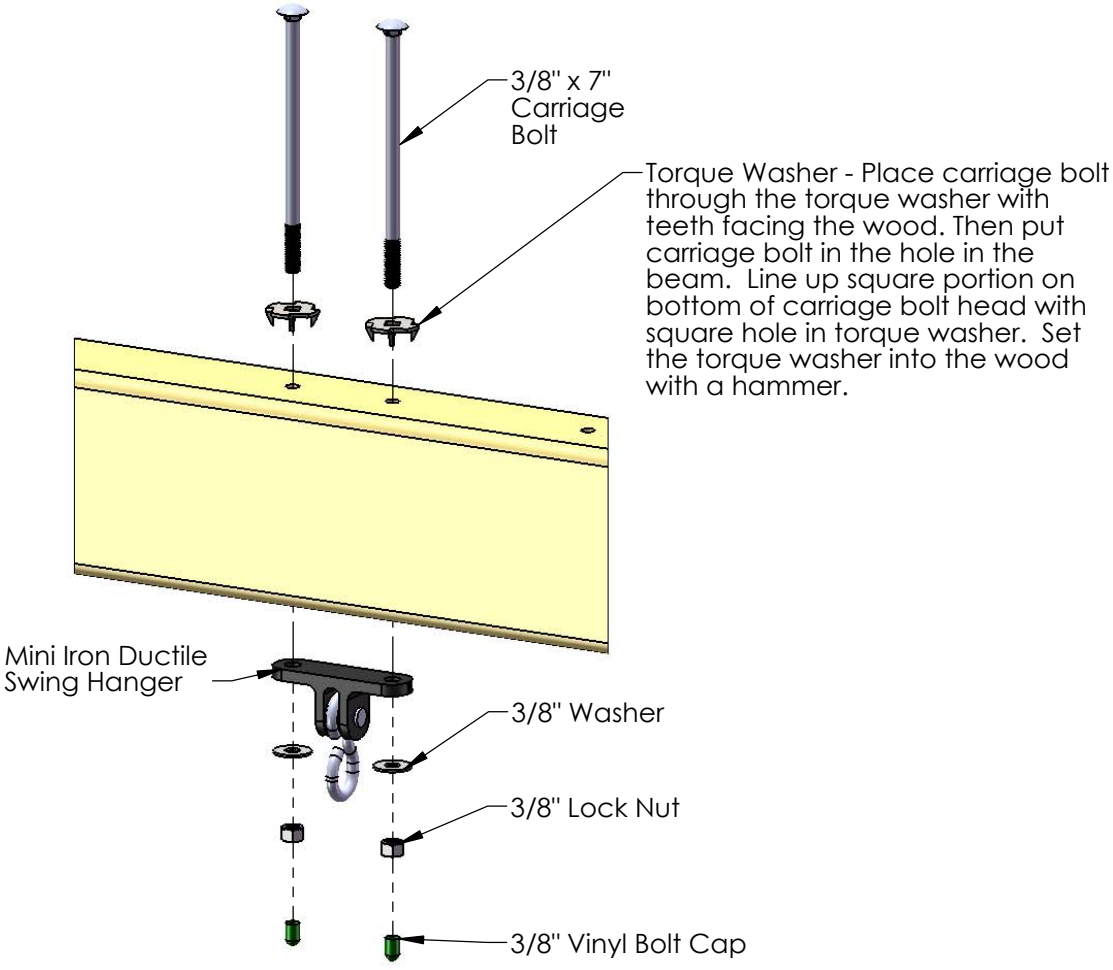
STEP 29: MINI IRON DUCTILE SWING HANGERS

1: Attach each Mini Iron Ductile Swing Hanger to the 4 x 6 x 96" Swing Beam with 3/8" x 7" carriage bolts and torque washers on top and 3/8" washers with 3/8" lock nuts on the bottom.

2: Cover the exposed threads on the end of the carriage bolts with the 3/8" vinyl bolt caps.

Note you will have two sizes of vinyl bolt caps in your hardware; the smaller diameter ones are for 5/16" bolts and the larger diameter ones are for 3/8" bolts.



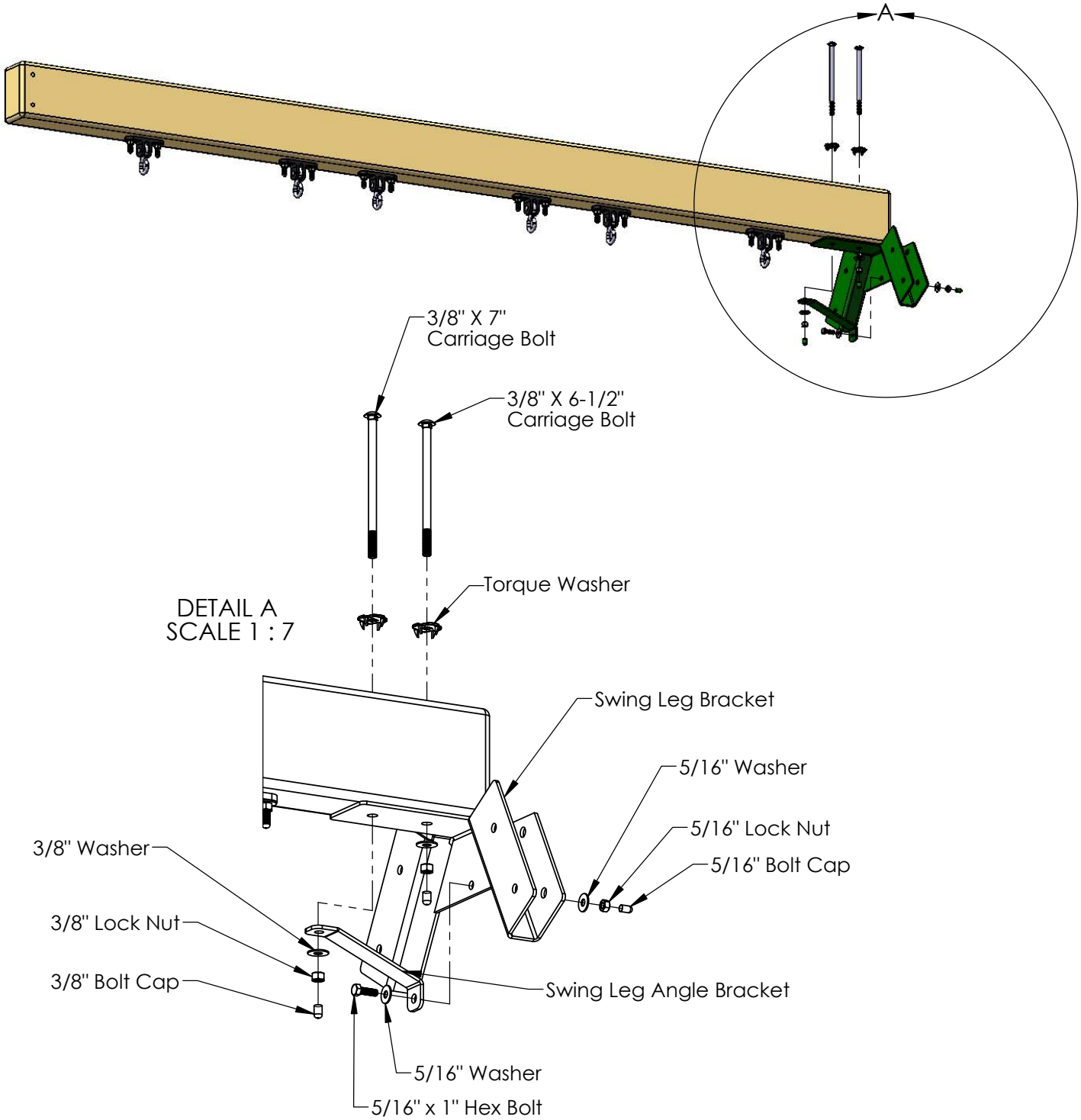


STEP 30: SWING LEG BRACKET AND SWING LEG ANGLE BRACKET

1: First, attach the Swing Leg Bracket to the swing beam with the 3/8" x 6-1/2" carriage bolt and torque washer on top and a 3/8" washer, 3/8" lock nut and 3/8" bolt cap on bottom.

2: Second, attach the Swing Leg Angle Bracket to the Swing Leg Bracket with a 3/8" x 7" carriage bolt and torque washer on top and a 3/8" washer, 3/8" lock nut and 3/8" bolt cap on bottom.

3: Third, attach the Swing Leg Angle Bracket to the Swing leg Bracket with a 5/16" x 1" hex bolt, two 5/16" washers, 5/16" lock nut and 5/16" bolt cap.

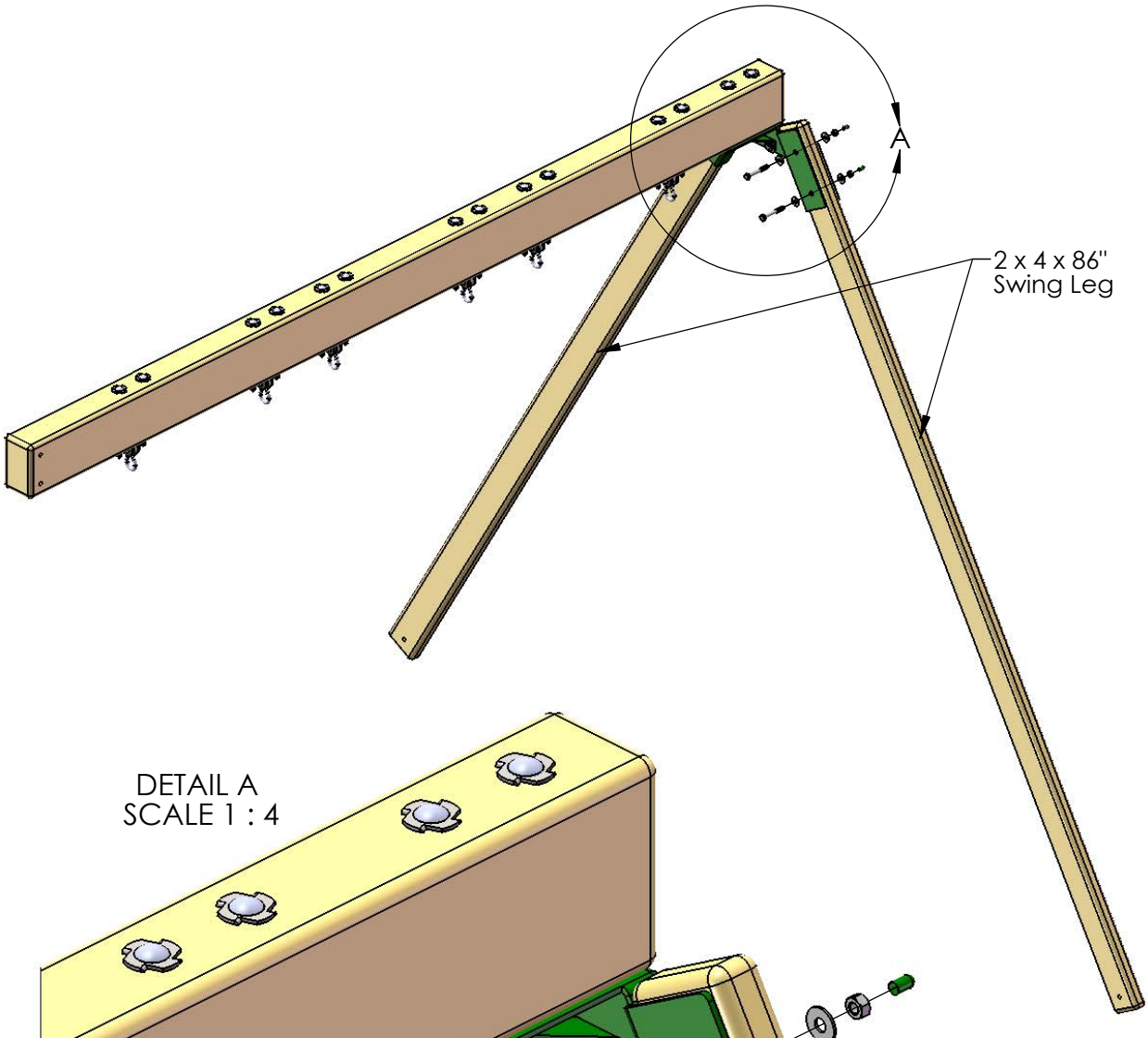


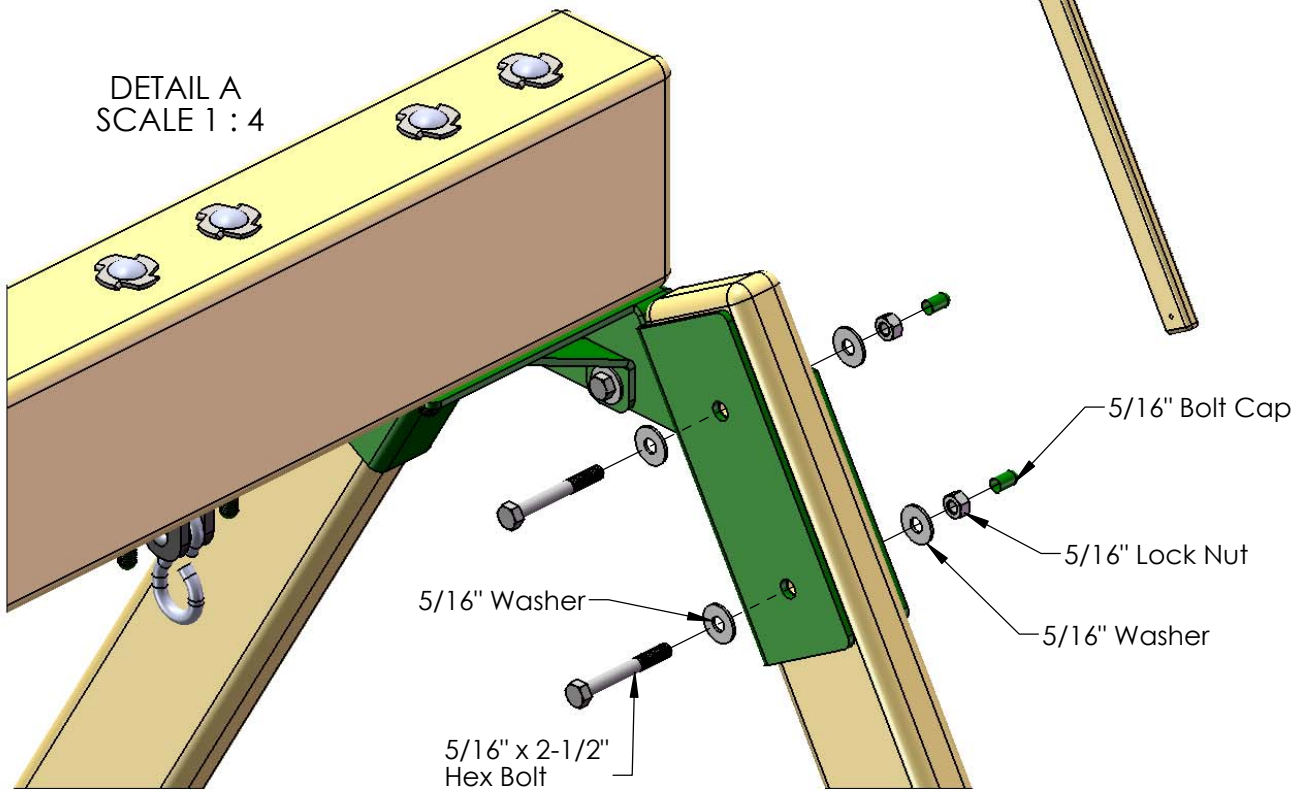
STEP 31: SWING LEGS

1: Place the end of the 2 x 4 x 86" Swing Leg with two holes in it inside the "u" shaped channel in the Swing Leg Bracket. Line up the holes in the leg with the holes in the bracket.

2: Attach the Swing Leg to the Swing Leg Bracket with two 5/16" x 2-1/2" hex bolts, four 5/16" washers, two 5/16" lock nuts and two 5/16" bolt caps. Leave the lock nuts a little loose until the next step.

3: Attach the other Swing Leg to the Swing Leg Bracket on the other side in the same manner. Leave the lock nuts a little loose until the next step.



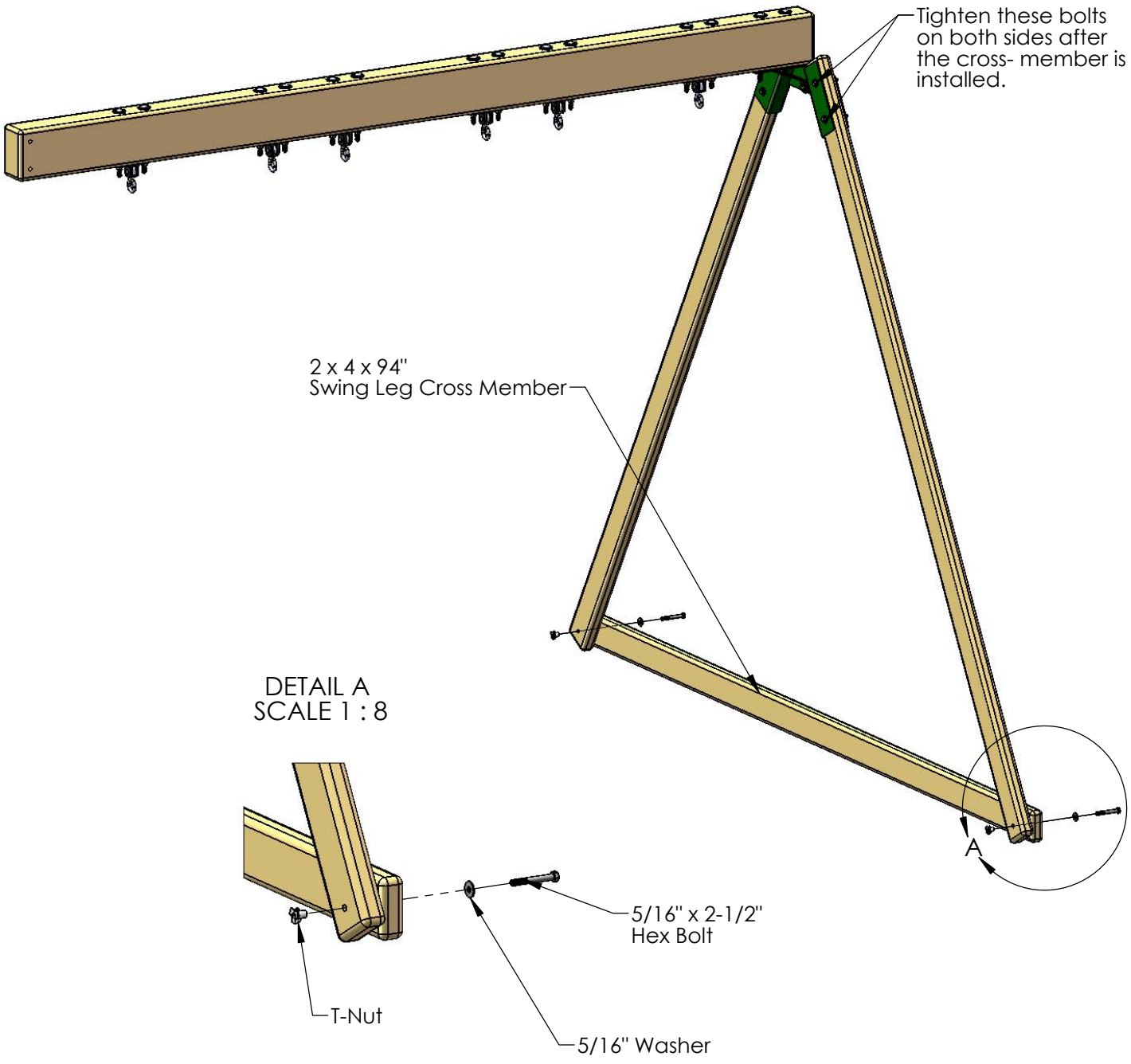


STEP 32: SWING LEG CROSSMEMBER

1: Hammer a t-nut into the bottom hole on the inside of each Swing Leg.

2: Attach the 2 x 4 x 94" Swing Leg Crossmember to the outside of the Swing Legs with 5/16" x 2-1/2" hex bolts and 5/16" washers.

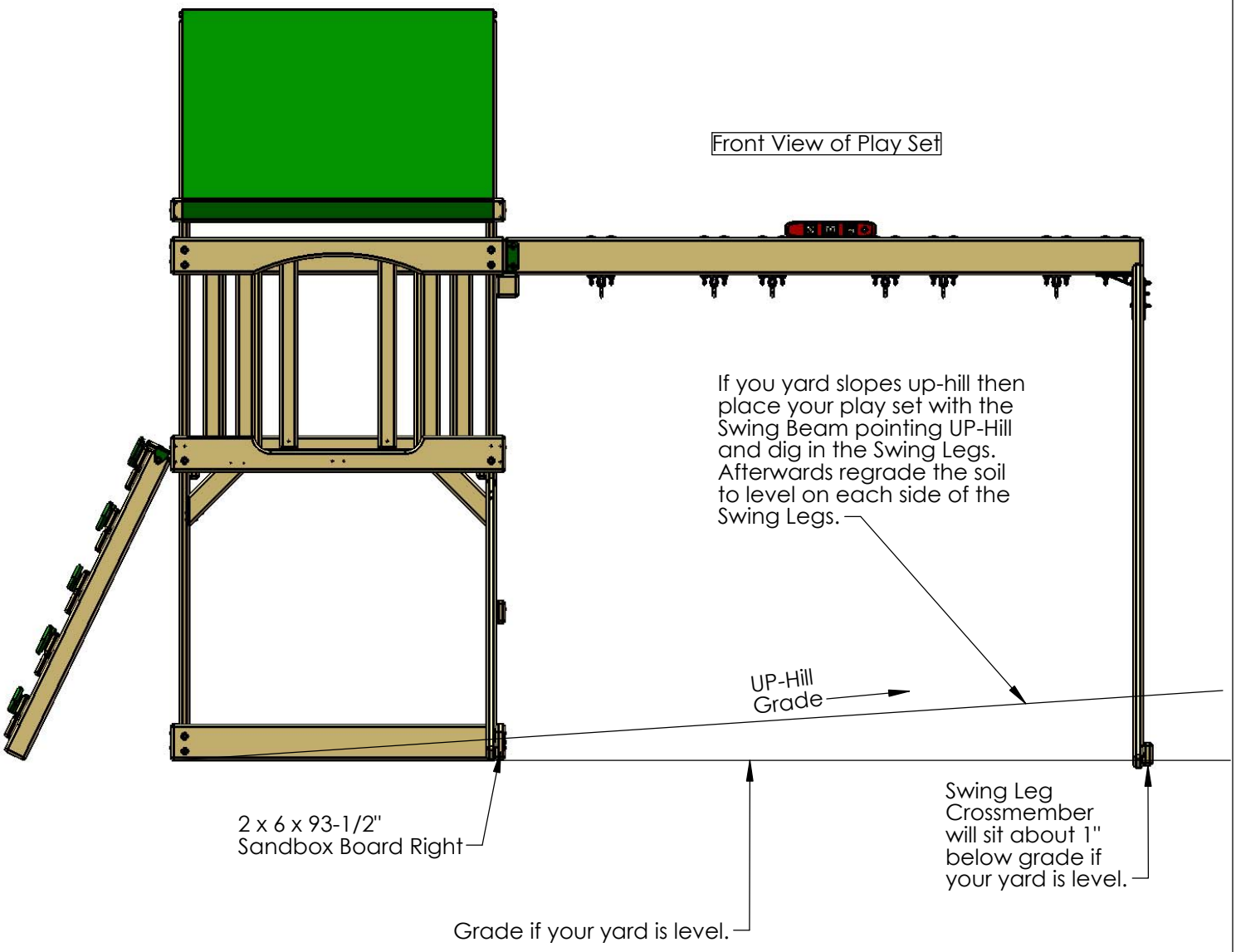
3: Now go back and tighten up the bolts at the top of the Swing Legs.



STEP 33: PLACEMENT OF YOUR PLAY SET

1: This play set is designed to be placed upon a relatively flat and level surface. If your yard is relatively flat and level where you are placing your play set then the Swing Leg Crossmember will sit about 1" below grade.

2: If your yard is "sloped" slightly then you should place your play set as shown below and "dig in" the Swing Legs. Afterwards go back and regrade the soil to level on both sides of the Swing Legs.



STEP 34: ATTACHING SWING BEAM TO PLAY SET

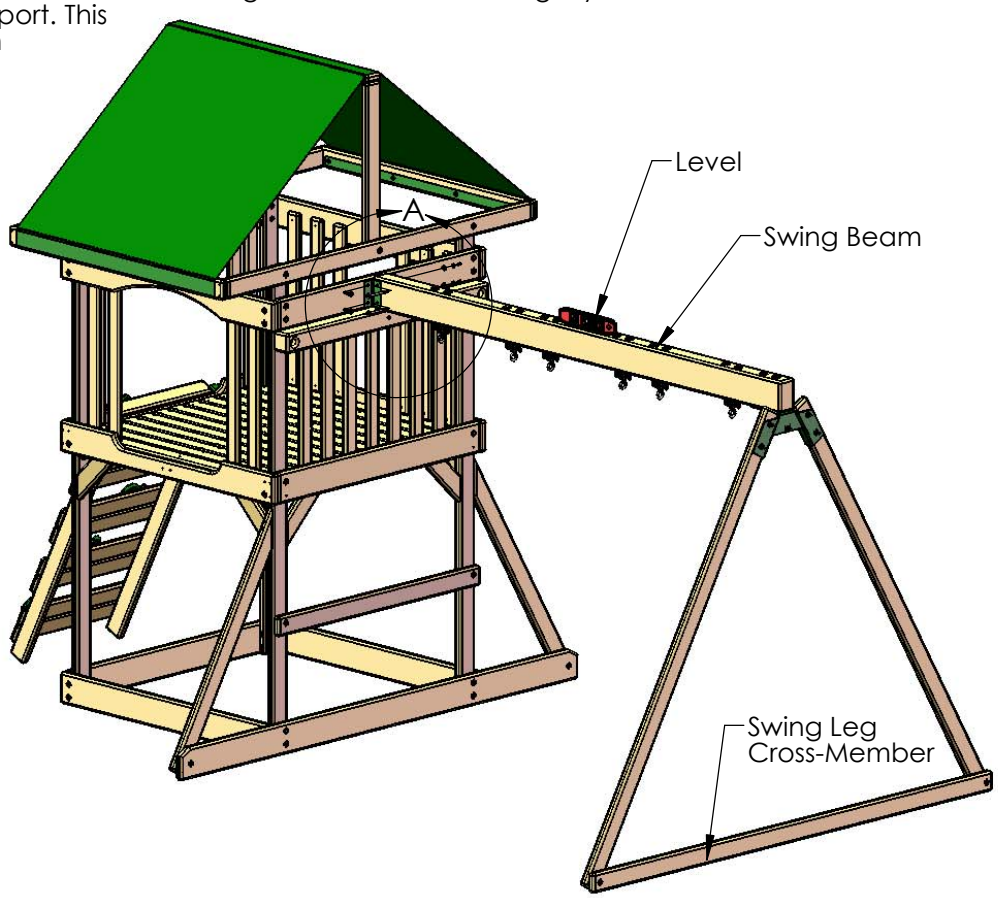
1: Place the Swing Beam on top of the 4 x 4 x 47-1/2" Swing Beam Support.

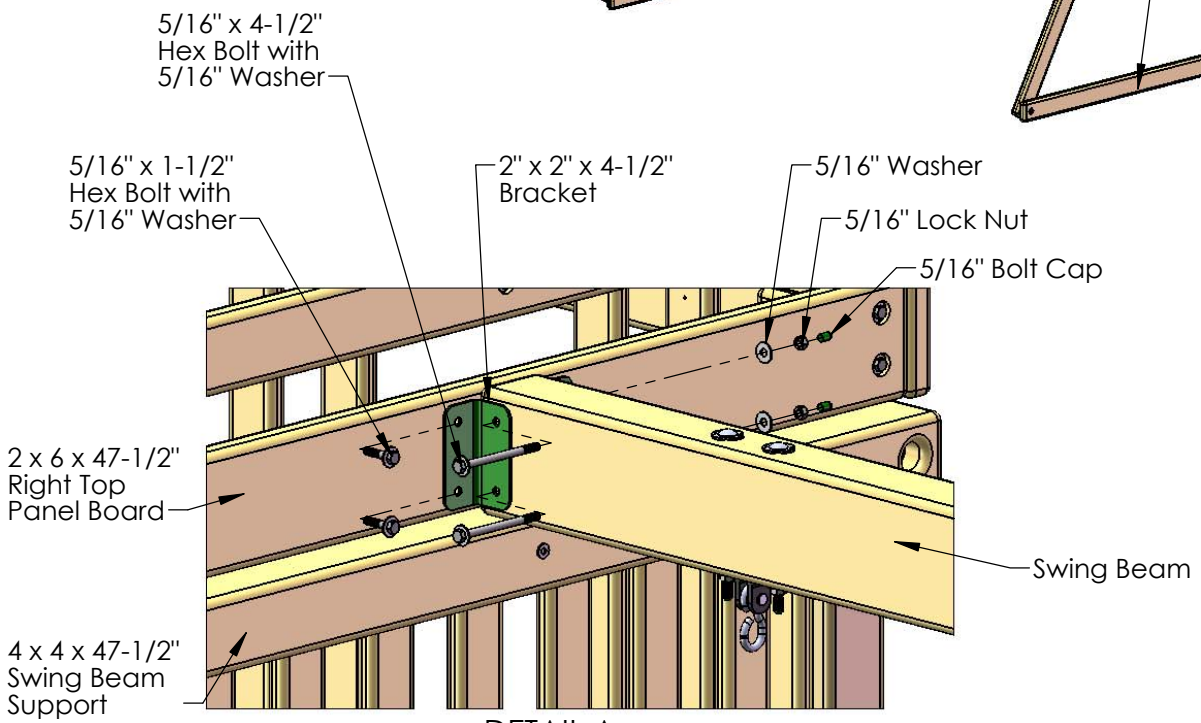
2: Check the Swing Beam for level. If the swing beam is level then proceed to substep 3. If the swing beam is not level then use a shovel to mark around the Swing Leg Crossmember. Remove the Swing Beam from the 4 x 4 x 47-1/2" Swing Beam Support so it does not fall on you. Dig out the area that you marked until a depth is reached that will make the swing beam level. Place the Swing Beam back onto the Swing Beam Support and verify it is level. If it is not level then remove the Swing Beam from the Swing Beam Support and add or remove dirt from the dug out area until level is achieved.

3: Place one 2" x 2" x 4-1/2" Bracket on each side of the Swing Beam. Loosely attach each bracket to the 2 x 6 x 47-1/2" Right Top Panel Board with 5/16" x 1-1/2" hex bolts and 5/16" washers.

4: Loosely attach the Brackets to the Swing Beam with 5/16" x 4-1/2" hex bolts, 5/16" washers, 5/16"lock nuts and 5/16" bolt caps. **TIP**: Should you have trouble attaching the Brackets then "slightly" loosen the bolts that attach the 4 x 4 x 47-1/2" Swing Beam Support. This will allow the support to drop down slightly so that the bolts will go through the Brackets easier.

5: Tighten all the bolts.



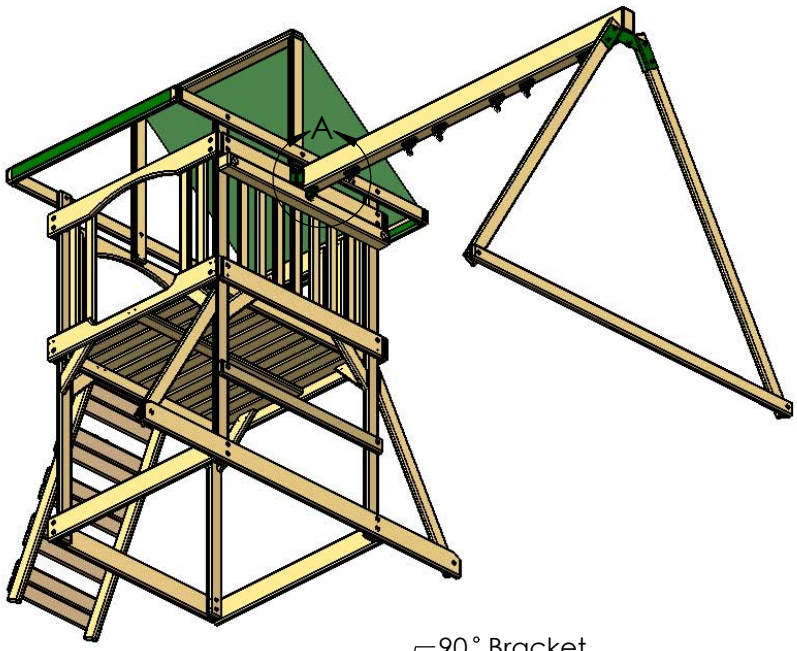


DETAIL A
SCALE 1 : 8

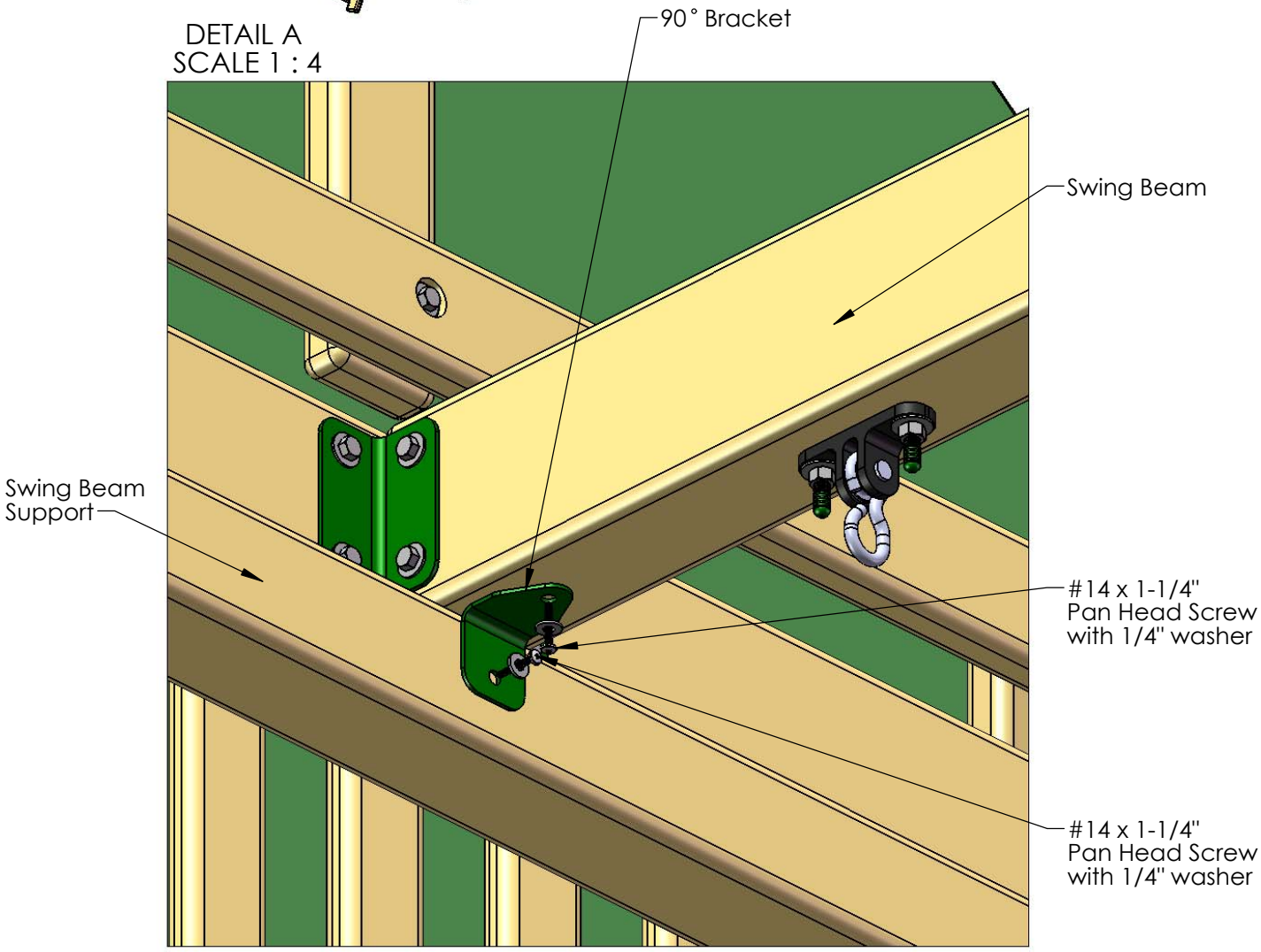
STEP 35: 90° GREEN BRACKET

1: Place a 90° Green Bracket centered underneath the Swing Beam and against the Swing Beam Support.

2: Attach the 90° Green Bracket to the Swing Beam and Swing Beam Support with #14 x 1-1/4" pan head screws and 1/4" washers.



DETAIL A
SCALE 1 : 4



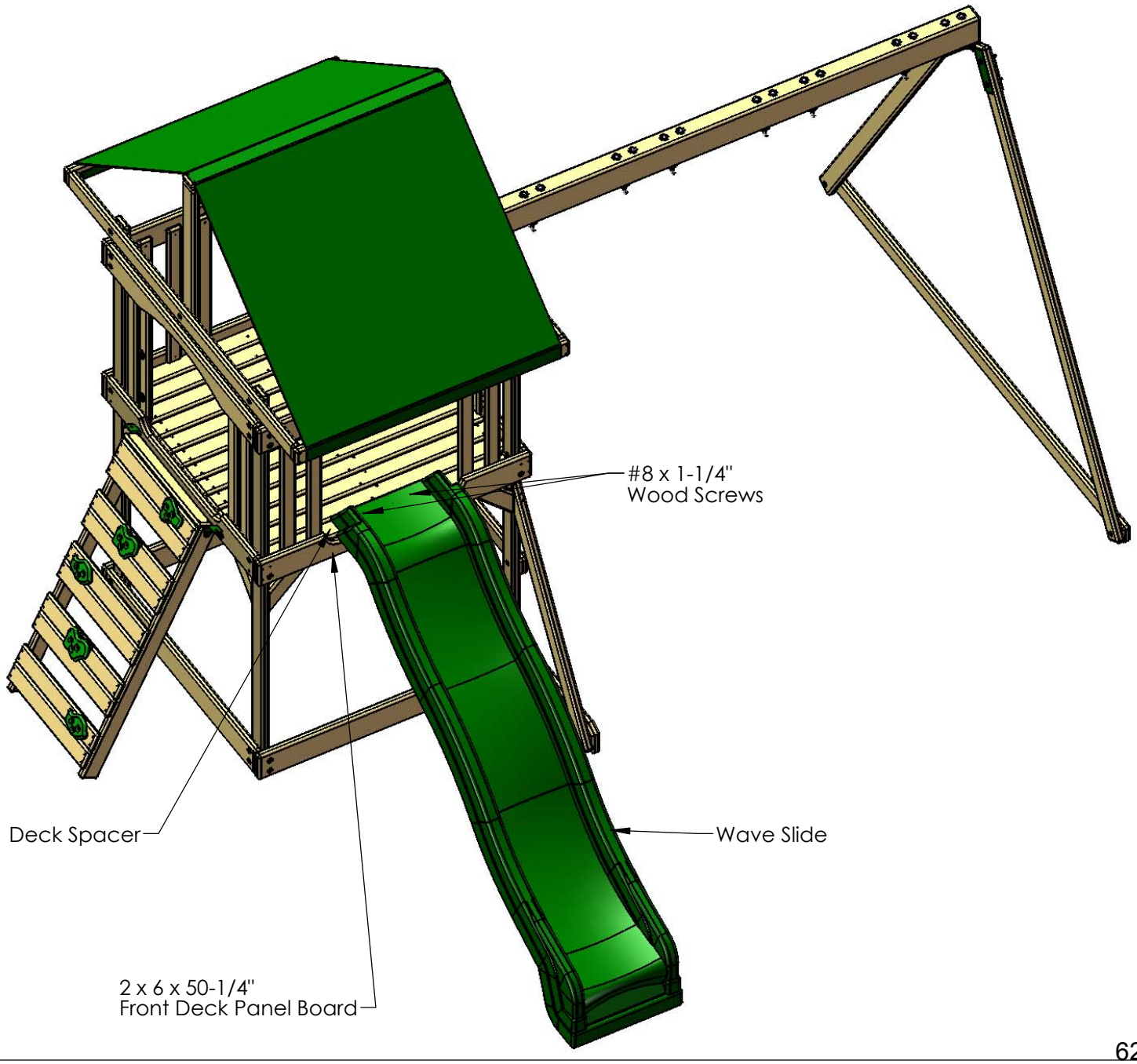
STEP 36: WAVE SLIDE

1: Place the Wave Slide in the opening at the front of the play set.

2: The lip of the Wave Slide should sit on top of the Deck Spacer and the 2 x 6 x 50-1/4" Front Deck Panel Board as shown.

3: Attach the Wave Slide to the deck with two #8 x 1-1/4" wood screws.
*** DO NOT OVER TIGHTEN ***

4: Once the slide is installed **DO NOT** lift the end of the slide. **DO NOT** bump the slide with a lawn mower. These actions and any other actions which crack the slide where the screws are fastened to the deck are not covered by your warranty.



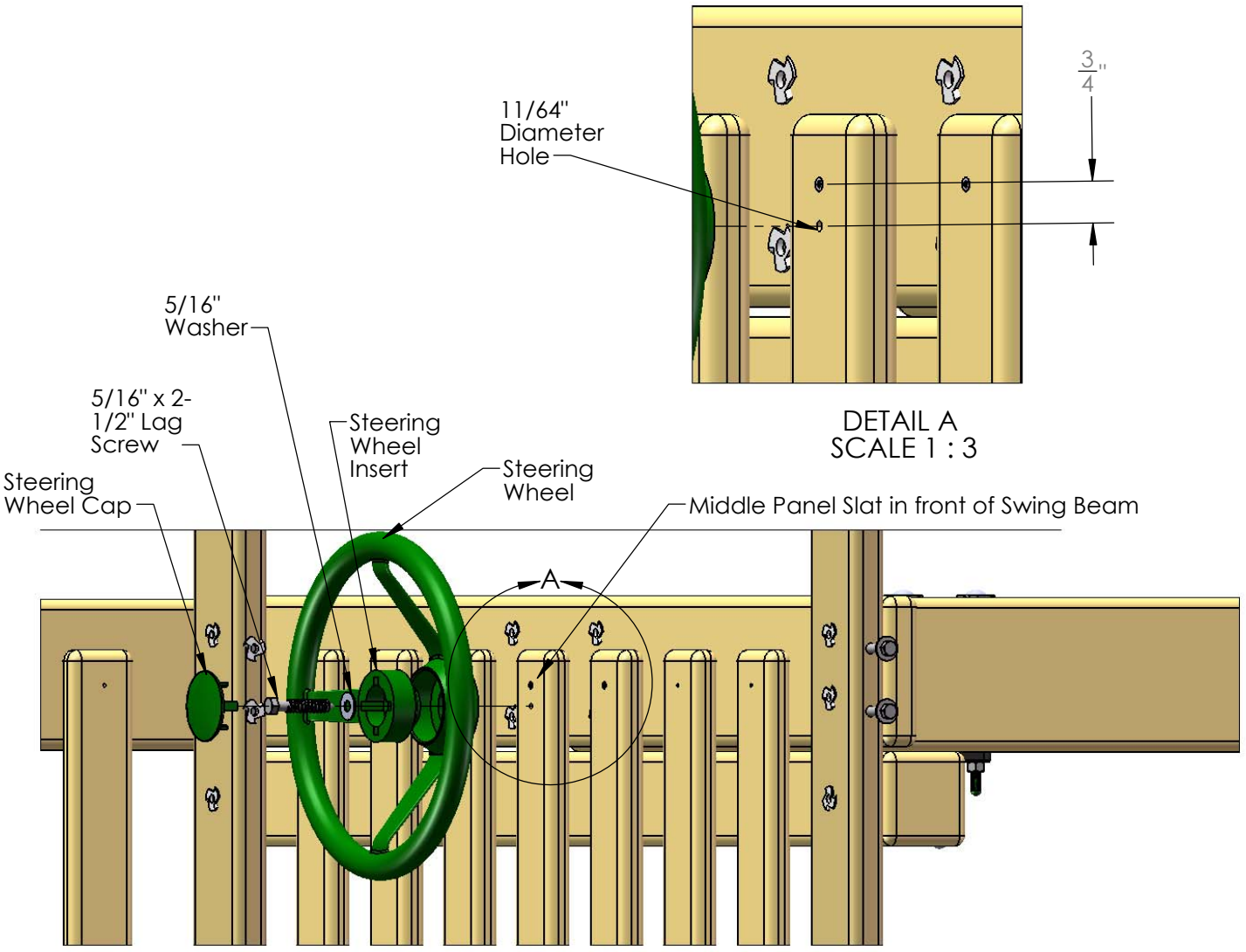
STEP 37: STEERING WHEEL

1: Drill a 11/64" diameter hole 1-3/4" deep 3/4" below the screw in the middle Panel Slat located in front of the swing beam.

2: Place the Steering Wheel Insert inside the Steering Wheel.

3: Attach Steering wheel to the Panel Slat with the 5/16" x 2-1/2" lag screw and 5/16" washer provided with the steering wheel. Do not over tighten the lag screw or the steering wheel will not turn.

4: Snap the Steering Wheel Cap inside the Steering Wheel Insert.

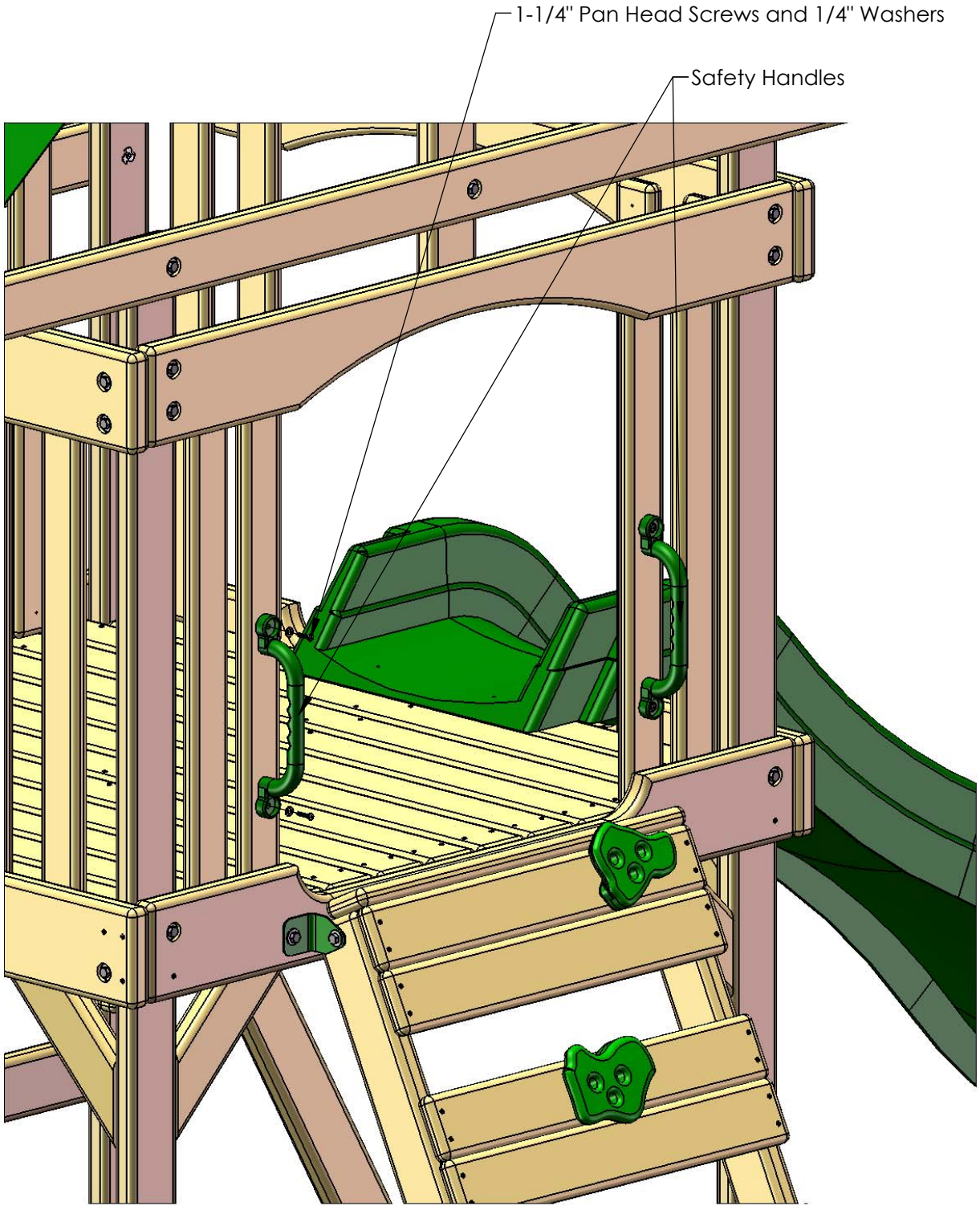


STEP 38: SAFETY HANDLES

1: Place the Safety Handles against the corner posts as shown above the Rock Wall/ Ladder combination.

2: Space the Safety Handles up or down to suit the needs of your child.

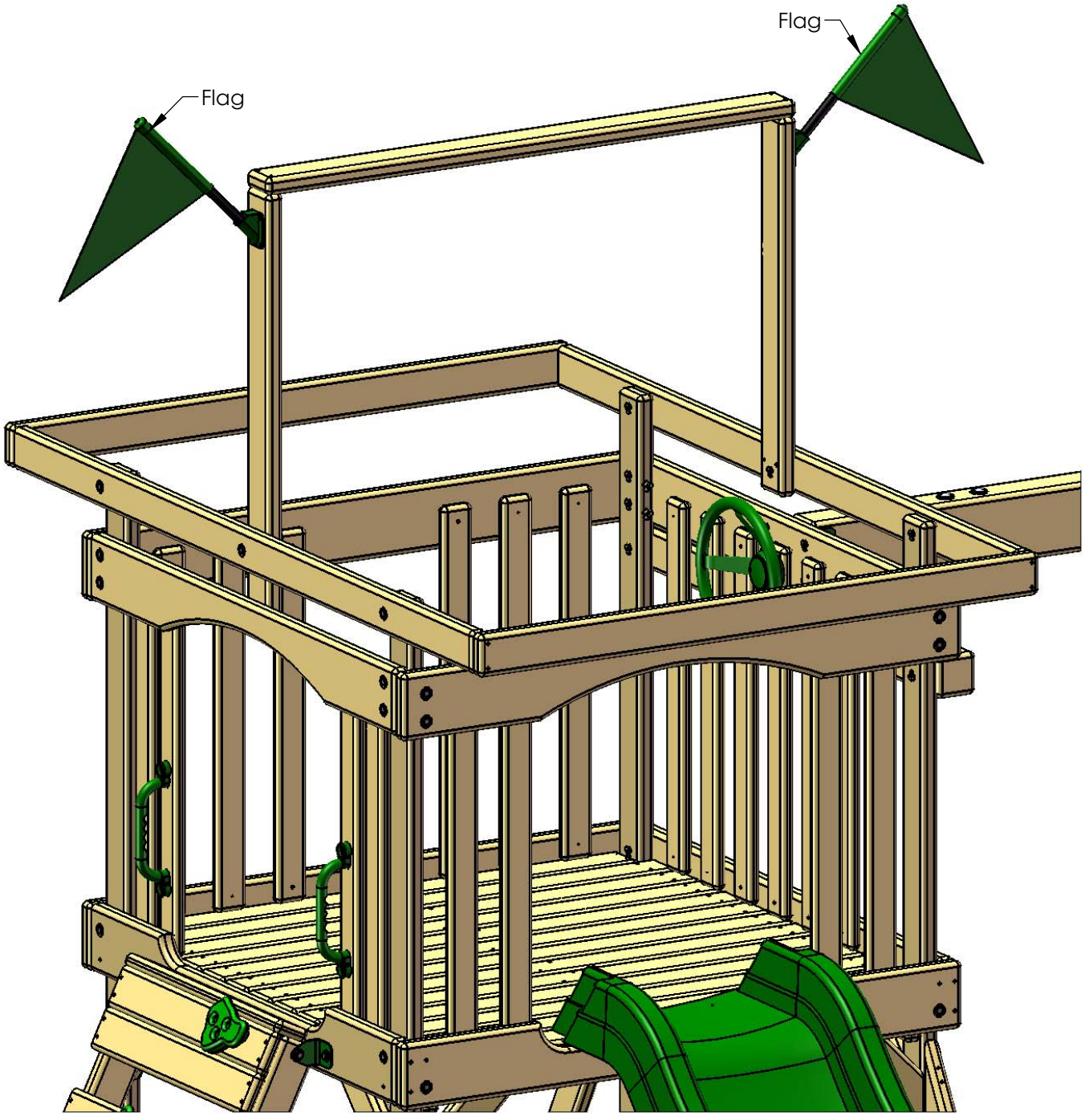
3: Attach each Safety Handle with two 1-1/4" phillips pan head screws and 1/4" washers provided with each Safety Handle.



STEP 39: FLAGS

1: Place the Flags on the left and right sides of the play set on the vertical tarp supports as shown below. Note Tarp has been removed for clarity.

2: Attach the plastic base of each Flag to the vertical tarp support with the 1/2" phillips head screws provided with the Flags.



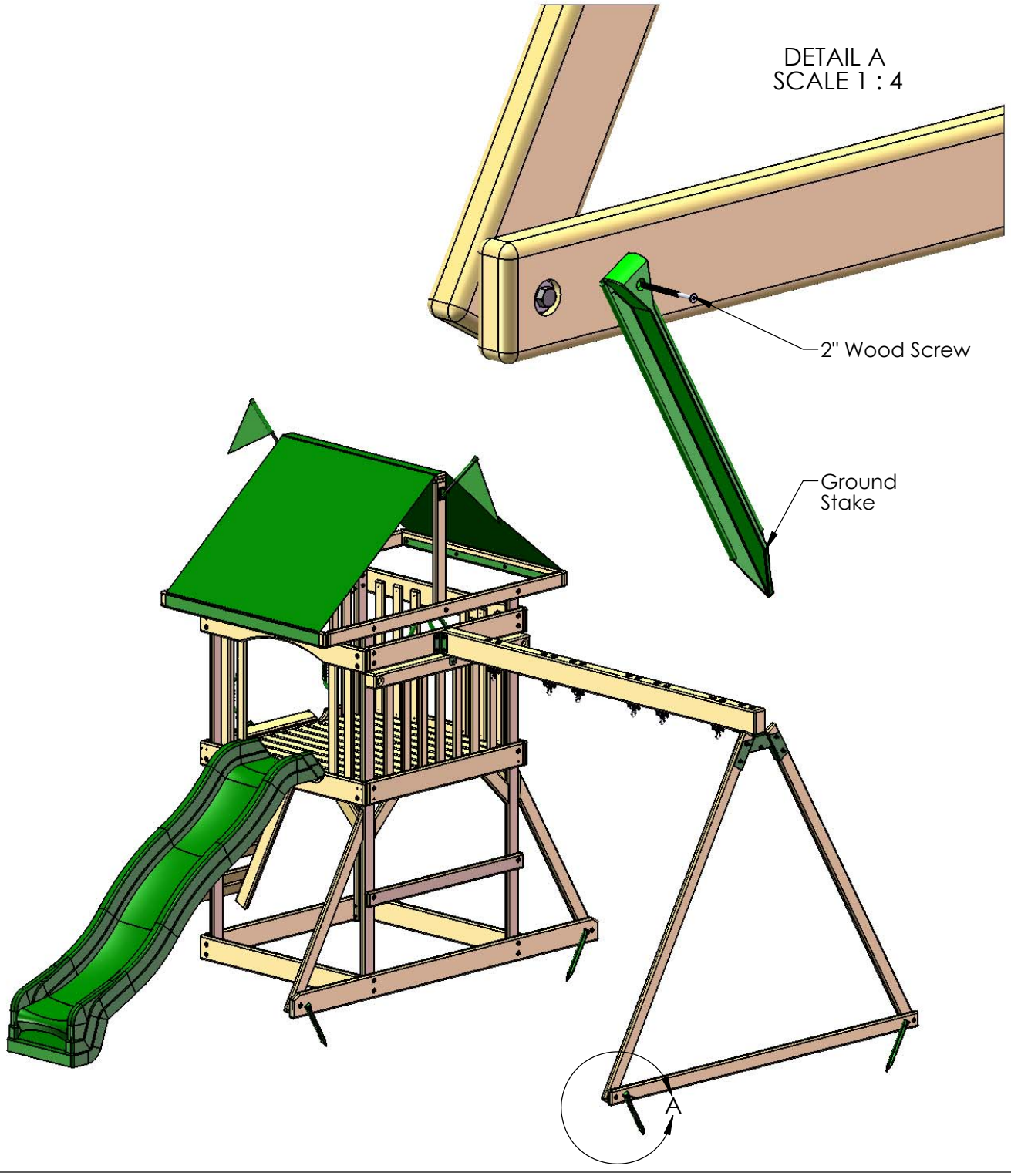
STEP 40: GROUND STAKES

1: Hammer each Ground Stake into the ground at an inward angle next to the 2 x 6 and 2 x 4 boards as shown below. Place a scrap piece of cardboard behind the Ground Stake to avoid hitting the board with your hammer.

2: Once the Ground Stake is hammered into the ground remove the scrap cardboard.

3: Attach the Ground Stake to the board with the 2" wood screw provided.

4: Repeat substeps 1-3 for the remaining Ground Stakes.

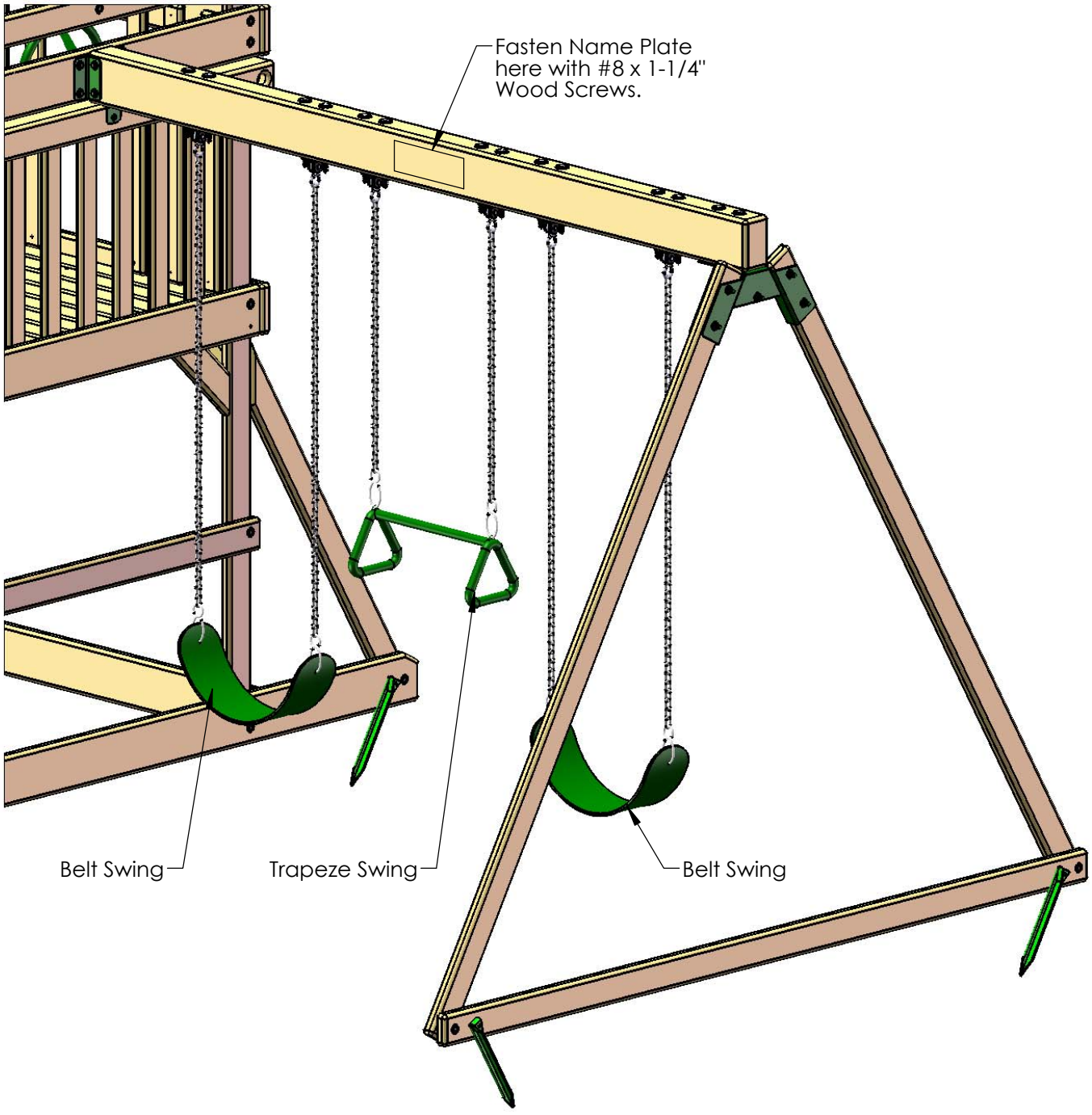


STEP 41: HANGING SWINGS AND NAME PLATE

1: Hang each swing to the Mini Iron Ductile Swing Hangers by placing a chain link over the hook end of the swing hanger.

2: Count equal numbers of chain links on each swing chain to move the swing up or down.

3: Fasten the name plate to the front of the swing beam with two #8 x 1-1/4" wood screws.



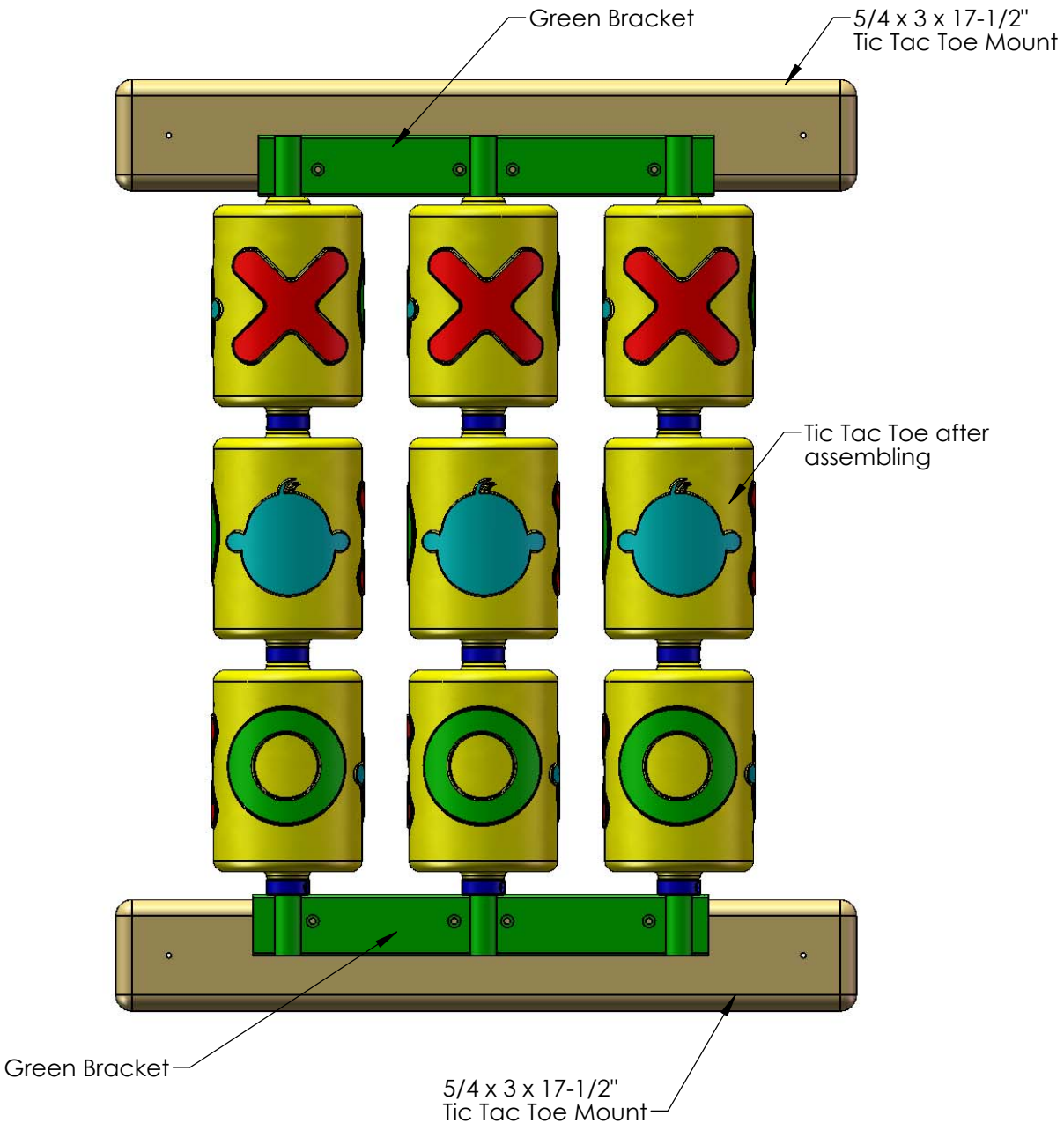
STEP 42: TIC TAC TOE

1: LOCATE THE TIC TAC TOE BOX.

2: LOCATE TWO 5/4 X 3 X 17-1/2" TIC TAC TOE MOUNTS.

3: USE THE SCREWS INCLUDED WITH THE TIC TAC TOE TO ATTACH THE GREEN BRACKETS TO THE TIC TAC TOE MOUNTS. EACH GREEN BRACKET SHOULD BE CENTERED OVER THE TIE TAC TOE MOUNT.

4: FOLLOW THE INSTRUCTIONS IN THE BOX TO ASSEMBLE THE TIC TAC TOE OMITTING STEPS 6 AND 7.

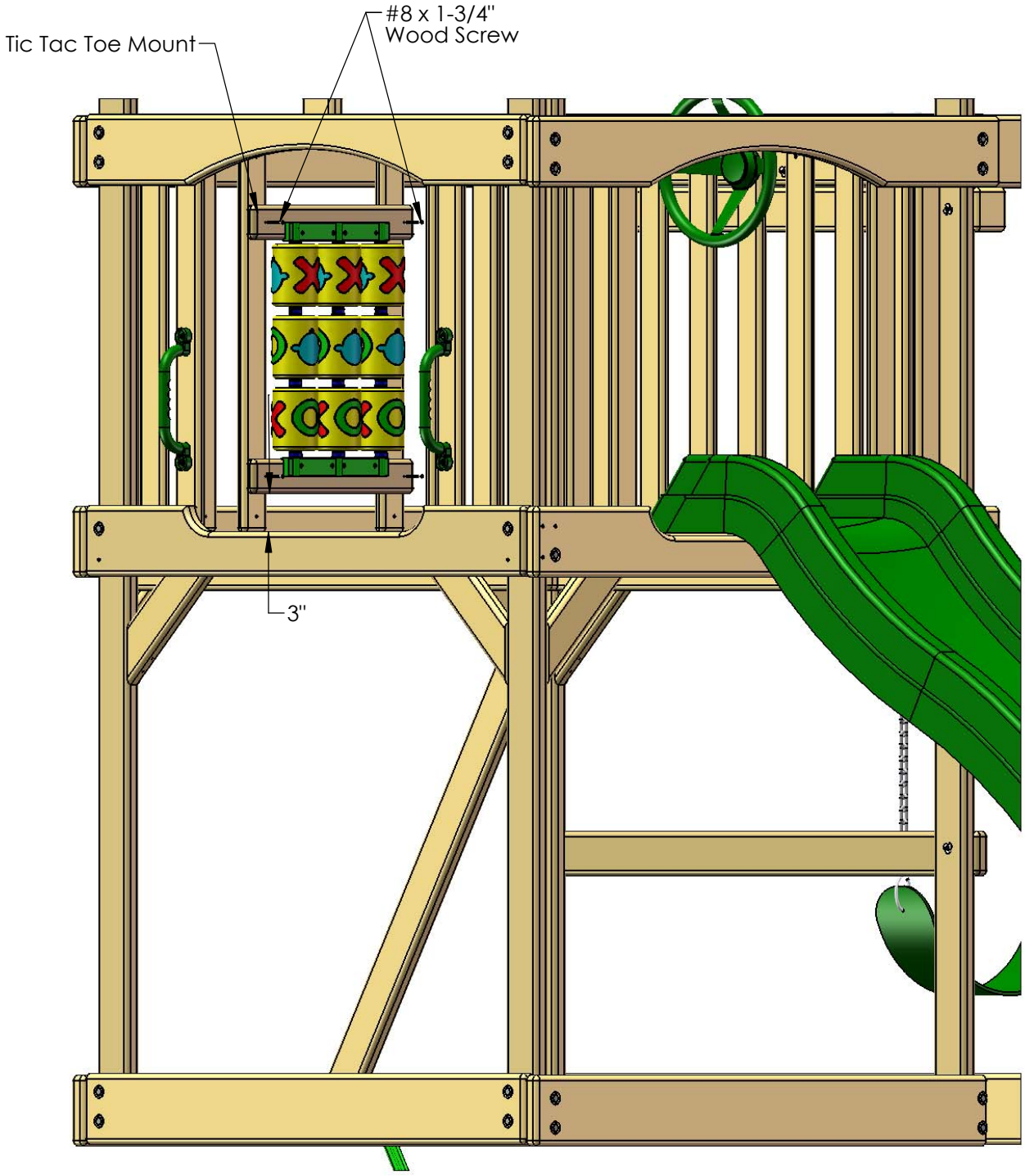


STEP 43: TIC TAC TOE

1: Go up onto the deck and place the Tic Tac Toe in the opening at the rear of the fort.

2: The bottom of the lower Tic Tac Toe Mount should be 3" above the deck.

3: Attach the Tic Tac Toe Mount boards to the Panel Slats with #8 x 1-3/4" wood screws.



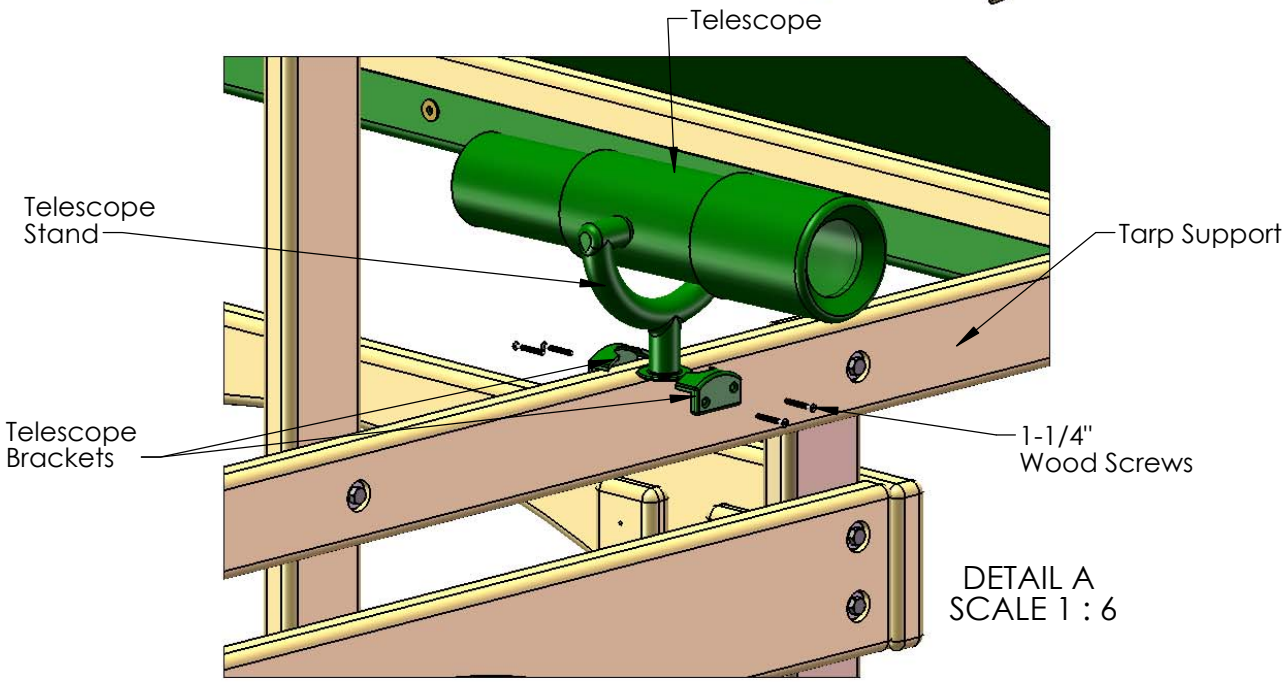
STEP 44: TELESCOPE

1: With the 1-1/4" wood screws provided in the telescope bag, fasten one of the Square Telescope Brackets to the Tarp Support above the Rock Wall

2: Place the Telescope Stand and Telescope into the slot of the Telescope Bracket.

3: Fasten the remaining Telescope Bracket to the opposite side that the first Telescope Bracket was installed on with the 1-1/4" wood screws provided with the Telescope.

4: The remaining "C" shaped brackets are for mounting the Telescope on top of a 4 x 4 board and will not be used. You may recycle these or retain them if you wish.



DETAIL A
SCALE 1 : 6

STEP 45: SANDBOX SEATS

1: Place the 5/4 x 6 x 20" Sandbox Seats on top of the Sandbox Boards near the Rock Wall.

2: Fasten the Sandbox Seats to the Sandbox Boards with #8 x 2" wood screws.