

gorilla

playsets

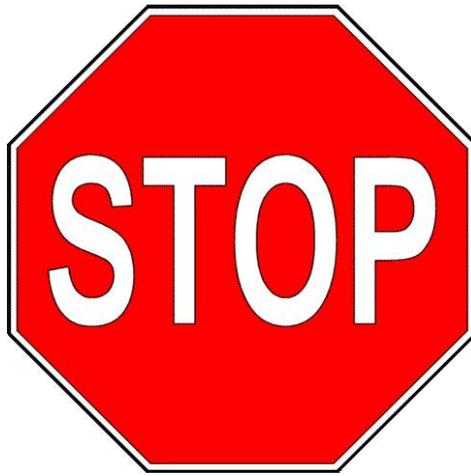


Blue Ridge Space Saver ASSEMBLY MANUAL

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Gorilla Playsets • 190 Etowah Industrial Court • Canton, GA 30114 • (800) 882-0272

20/JUNE/2008



STOP...PLEASE READ!!

IF YOU HAVE MISSING OR DAMAGED PARTS OR NEED ASSISTANCE ASSEMBLING, PLEASE CALL gorilla playsets™ MANUFACTURING DIRECT.

(800) 882-0272

FACTORY HOURS – MON.–FRI., 8AM-5PM EST

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

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED.

CONTACT INFO:

Gorilla Playsets
190 Etowah Industrial Court
Canton, GA 30114
Tel. (678) 880-3328
Fax. (678) 880-3329
custsrv@gorillaplaysets.com

Check for revised instructions at www.gorillaplaysets.com/support



Blue Ridge Space Saver

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**PLEASE READ OWNER'S MANUAL CAREFULLY BEFORE
STARTING ASSEMBLY!**

Thank you for choosing **gorilla playsets®** for your new backyard playground!

We've included everything you need, except tools, to build your very own professional looking playset. When complete, your new playset should far exceed the quality of playset kits from other build-your-own companies. Our engineers and design team have over 30 years of playground experience. What we've developed is a playset that doesn't compromise quality for simplicity. Yet you'll appreciate how quick and easy construction really is! Our playset kits are designed for children ages 3 to 11. **gorilla playsets®** believes every child should have a playset and with our kits they can! You can rest assured your new playset is safe, durable and designed to hold up to the elements. As parents ourselves, we know how important the security and well-being of our children is, and this shows in all of our products.

Each playset features our step-by-step 3D illustrated manual, patented powder coated swing beam bracket, heavy-duty swing belts with chains, slide(s), accessories, plus all the required hardware and pre-milled lumber.

Quality Lumber

At Gorilla Playsets, we use only the finest, hand selected lumber available. Whether you choose a playset made from our Premium Preserved Pine, our Beautiful California Redwood, or our Western Red Cedar, you can be assured that our lumber is strong, durable, and conforms to the national standards for use in children's play equipment. It's this quality that allows us to offer a 10 year warranty on the lumber used in our play sets.

Premium Preserved Pine

Our Premium Preserved Pine is double kiln dried. We utilize this process to minimize shrinkage, warping, and cupping. Because our pine has been "pre-shrunk", the hardware used to assemble your playset will hold tight. Our preserved pine is clean, odorless, non-staining, and non-irritating to humans, animals, or plants. Gorilla's Preserved Pine uses one of the only exterior wood preservation systems that is EPA approved. Our pine lumber is preserved with a preservative system containing copper and quaternary compounds to protect against termite attack and fungal decay. Our Premium Preserved Pine can withstand harsh weather conditions and is effective for decades; making Gorilla Playsets the best choice in pine lumber built swing sets.

California Redwood and Western Red Cedar*

Our Beautiful California Redwood and Western Red Cedar playsets are a natural alternative to preserved lumber. California Redwood naturally resists decay caused by the environment or by insect infestation while Western Red Cedar is a preferred wood for purposes where an attractive appearance and resistance to weather is important. All California Redwood and Western Red Cedar Gorilla Playsets receive a factory stain and sealant process. To maintain this aesthetic appeal, it is recommended that you seal your redwood and cedar play set once per year.

Asian Cedar

Our durable Asian Cedar playsets are low-maintenance, and maintain their beauty for many years. Asian Cedar has been harvested in Southeast Asia for more than 800 years, and is prized because it naturally repels pests, fungus, and rot. Asian Cedar is used indoors and out where durability is critical.

*Gorilla Playsets reserves the right to substitute Western Red Cedar with other species of similar characteristics due to market availability.

Limited Manufacturers Warranty

gorilla playsets® warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of 10 years for structural wood components and one year for all other components (i.e., hardware, plastics, tarps, rope ladder, etc.). Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty.

gorilla playsets® will repair, or, at its discretion, replace any part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect upon delivery of the defective part to **gorilla playsets®** at 190 Etowah Industrial Court, Canton, Georgia 30114. Any part(s) returned to **gorilla playsets®** must include proof and date of purchase.

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 put to commercial or institutional use. This warranty does not cover (a) products which have been damaged by negligence, natural disasters, or accident by improper use, or which have been modified or repaired by unauthorized persons, (b) the cost of labor, or (c) the cost of shipping the product, any part, or any replacement product or part.

This warranty is valid only in the United States of America, is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. **gorilla playsets®** disclaims all other representations and warranties of any kind, express, implied, statutory or otherwise, including the implied warranties of merchantability and fitness for a particular purpose. **gorilla playsets®** will not be liable for any incidental or consequential damages. 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 that vary from state to state.

IMPORTANT SAFETY GUIDELINES

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 playset.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. **gorilla playsets®** 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 playset 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 playsets® shall not be liable for incidental, indirect or consequential damages or injuries that result from the building and/or playing on our playsets. Adult supervision is recommended anytime a playset is being used.

WEIGHT LIMITS FOR GORILLA PLAYSETS

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELTS: 175 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD
- TRAPEZE: 125 LBS.
- FULL BUCKET SWING: 50 LBS.
- TODDLER BUCKET SWING: 50 LBS.
- INFANT SWING: 35 LBS.
- TIRE SWING: 125 LBS. TOTAL WEIGHT
- ROPE LADDER: 75 LBS.
- ROCK WALL: 150 LBS.
- ALL SLIDES: 125 LBS.

Gorilla Playsets 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 playset and injury to the users.

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 playset 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 525 pounds on the swing area, for a total Unit capacity of 5 occupants who have a combined weight of 1325. (this weight is not including the picnic table area)
- 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 to **not push** empty seats. The seat may hit them and cause serious injury.
- Teach and 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.
- Teach children to **never** crawl on top of a fort roof.
- Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.
- 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** use Monkey Bar when swings or glider are in use.
- Teach children to **never** wrap their legs around swing chain.
- Teach children to **never** slide down the swing chain.

WARNING: Children must NOT use this playset until unit has been completely assembled and inspected by an adult to insure set has been properly installed and 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 every two weeks 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.
- 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 or has exposed metal in the edges of the swing seat. If there are already exposed metal inserts on the edge of the seat, immediately remove the seats and chains to prevent serious injury. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact Gorilla Playsets for replacement parts.
- 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 CRF Part 1303.
- 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 playset 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 playset on a level location is very important. As your children play, your playset 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.
- Rake the surface periodically to prevent compaction and maintain appropriate depths.

Disposal Instructions: When the playset use is no longer desired, it should be disassembled and disposed of in such away that no unreasonable hazards will exist at the time the unit 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/cpsc/pub/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.

Material	Uncompressed Depth			Compressed Depth to 9" (228mm)
	6" (152mm)	9" (228mm)	12" (304mm)	
Wood Chips	7' (2.13m)	10' (3.05m)	11' (3.35m)	10' (3.05m)
Double-Shredded bark mulch	6' (1.83m)	10' (3.05m)	11' (3.35m)	7' (2.13m)
Engineered Wood Fibers	6' (1.83m)	7' (2.13m)	>12' (3.66m)	6' (1.83m)
Fine Sand	5' (1.52m)	5' (1.52m)	9' (2.74m)	5' (1.52m)
Coarse Sand	5' (1.52m)	5' (1.52m)	6' (1.83m)	4' (1.22m)
Fine Gravel	5' (1.52m)	7' (2.13m)	10' (3.05m)	6' (1.83m)
Medium Gravel	5' (1.52m)	5' (1.52m)	6' (1.83m)	5' (1.52m)
Shredded Tires*	10-12' (3.0-3.6m)	N/A	N/A	N/A

*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.

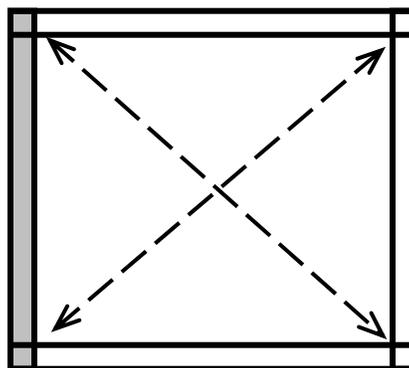
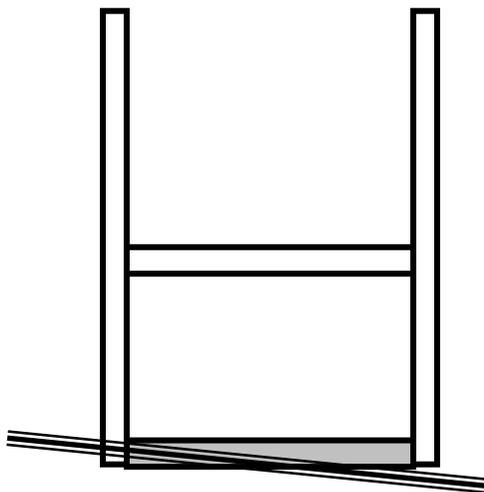
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

LEVELING YOUR FORT DURING ASSEMBLY

- Complete the steps which will be the basic frame of the fort {i.e. four center posts with base (sand box boards) and deck supports}
- Position in the most level area chosen for the playset, 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 FORT SO THAT THE DISTANCE IS EQUAL.

 = AREA TO BE SCORED AND CHanneled FOR LEVELNESS

Blue Ridge Space Saver

KIT CONTENTS

COMPONENTS

Description	Qty	Check List
<i>(Swings, Slides, Accessories)</i>		
Swingbelts w/ Chains	1	_____
10ft. Wave Slide	1	_____
The Space Saver Assembly Manual	1	_____
Trapeze Swing	1	_____

Description
(Fort Hardware) ***see following pages***

Description
(Swing Beam Hardware) ***see following pages***

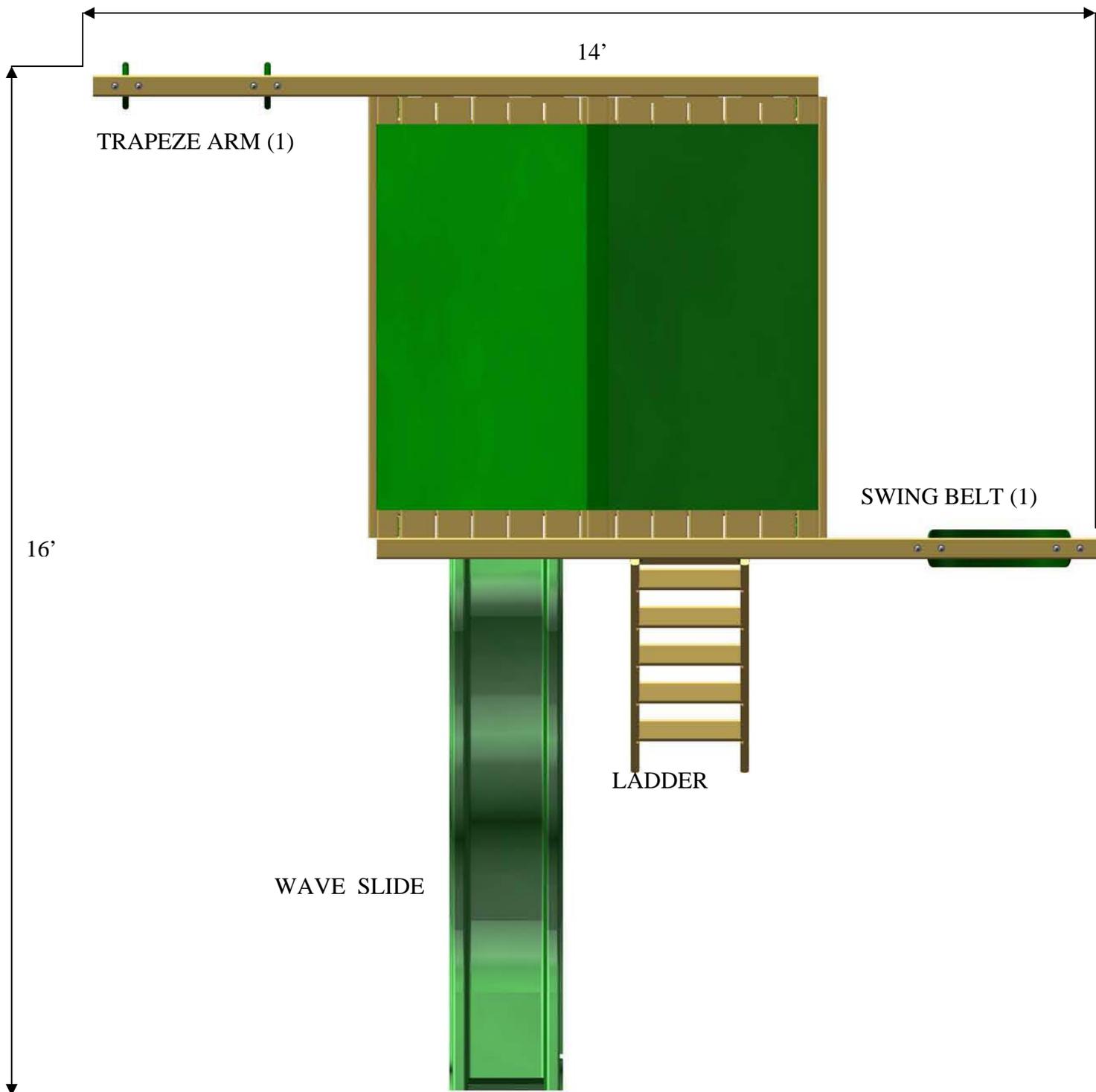
Description
(Wood Components) ***see following pages***

REQUIRED TOOL LIST

- Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
- 1/8" Drill Bit
- 3/8 X 9" Drill Bit
- 1/2" Wrench or Socket
- 9/16" Wrench or Socket
- Level
- Tape Measure
- Extension Cord (if using standard drill)
- Hammer
- Pencil
- Vice Grips
- Shovel

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

SITE PLAN:



Playset height: 11'

Approximate assembly time:

8-10 Hours

{ 6 foot unobstructed safety perimeter around playset recommended }

Helpful Installation Hints

- Depending on your experience, assembly of Gorilla playsets 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 playset. 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 the way through the instructions completely. Reading instructions after you have studied the parts will help you understand more clearly 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. Check all bolt connections and swing hangers every two weeks.
- Place the set on level ground, not less than 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

READ! VERY IMPORTANT!

If you are missing parts or have questions regarding the installation of our quality product PLEASE call us directly at the factory **(1-800-882-0272)**. Our trained staff will be happy to assist you.

Customer service hours:

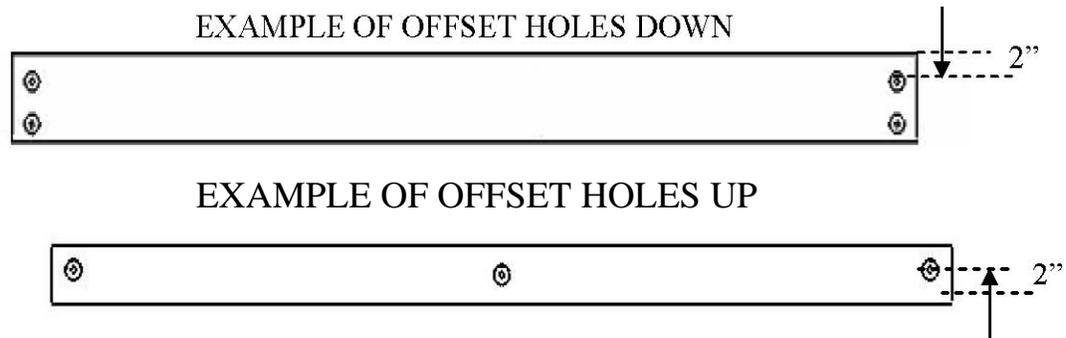
Monday thru Friday 8AM – 5PM EST

E-mail: custsrv@gorillaplaysets.com

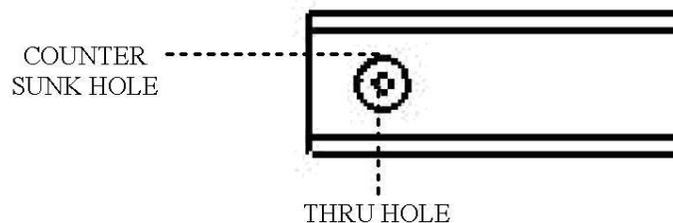
General Info To Review Before Installation

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

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 to how to offset these parts.



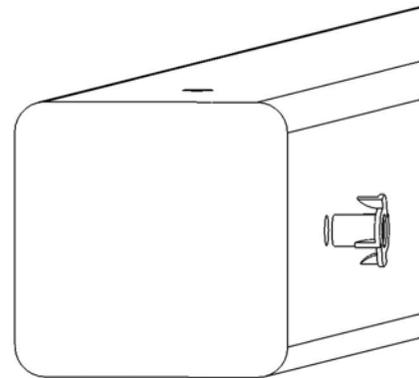
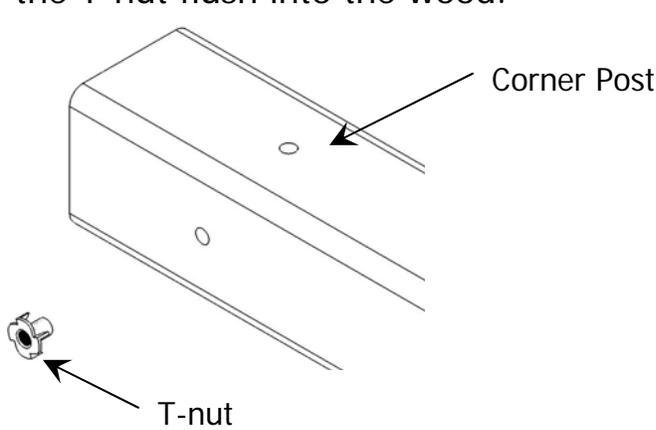
Counter-sunk holes- Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a thru hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the thru hole and either the head of the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



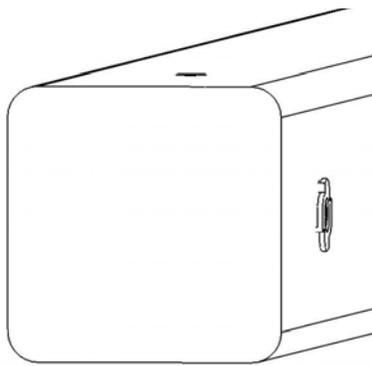
Lag Screws- Lag screws are used in the construction of our playsets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be necessary to tap the head of the lag screw with a hammer. You should also be sure to tighten the lags completely. Power tools such as an impact wrench or power drill should have enough torque to drive the lag screws without using a hammer, 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

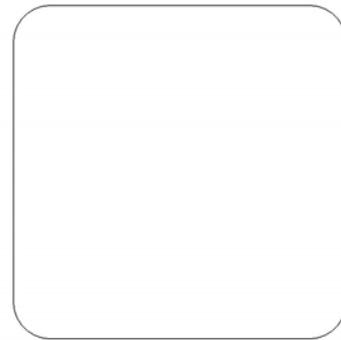
When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood.



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.

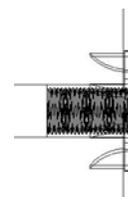


This picture shows the T-nut insert and installed flush to the wood.



This picture shows an end view of the T-nut insert and installed flush to the wood.
WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD

Cross Section end views, 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.



Flush
Correct

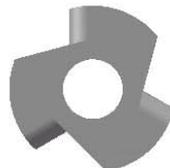
#8 X 1-1/4"
WOOD SCREW
QTY: 2



#8 X 2"
WOOD SCREW
QTY: 208



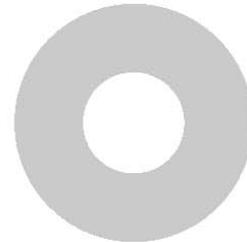
#8 X 2-1/2"
WOOD SCREW
QTY: 92



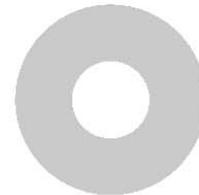
5/16" TEE NUT
QTY: 32



3/8" LOCK NUT
QTY: 12



1/2" WASHER
QTY: 12



3/8" WASHER
QTY: 24



5/16" WASHER
QTY: 54

9

8

7

6

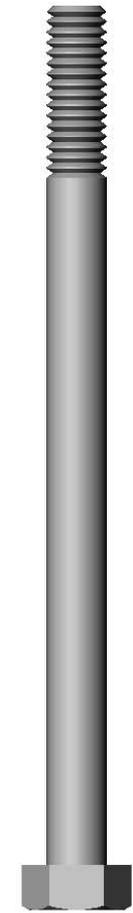
5

4

3

2

1



5/16 X 4-1/2"
HEX BOLT
QTY: 28

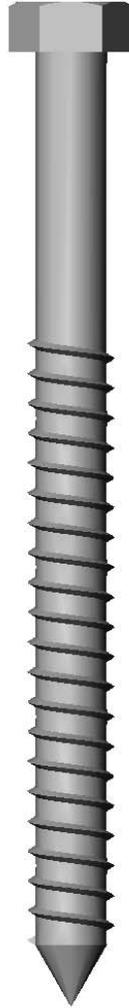


5/16 X 1-1/2"
HEX BOLT
QTY: 4

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.

5/16 X 3-1/2"
HEX LAG SCREW
QTY: 26

3/8 X 5"
HEX LAG SCREW
QTY: 8



9

8

7

6

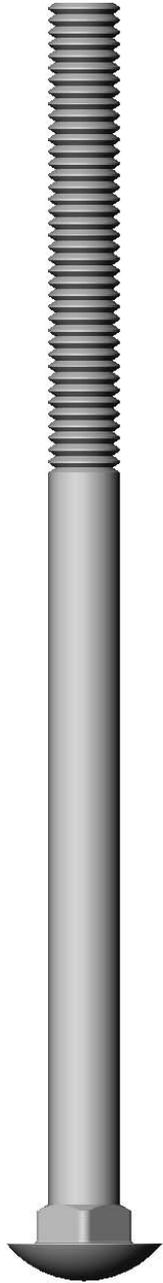
5

4

3

2

1



3/8 x 6-1/2"
CARIAGE BOLT
QTY: 12

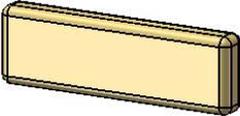
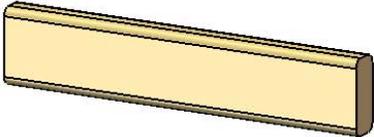
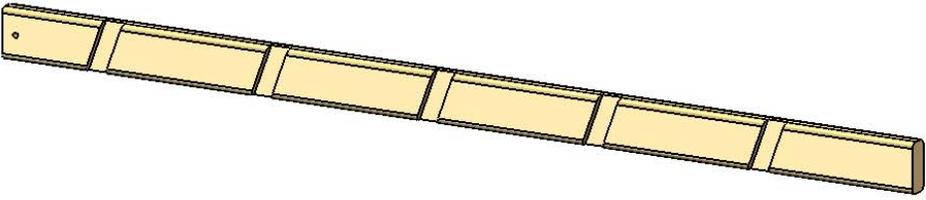
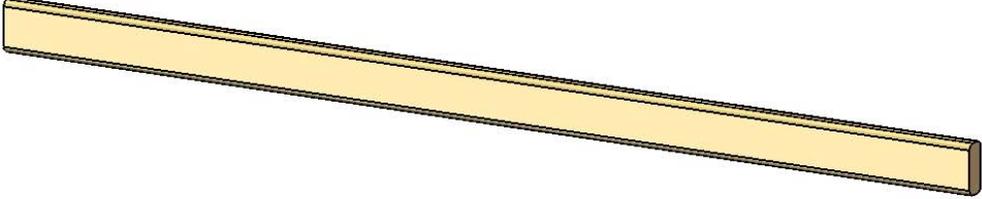
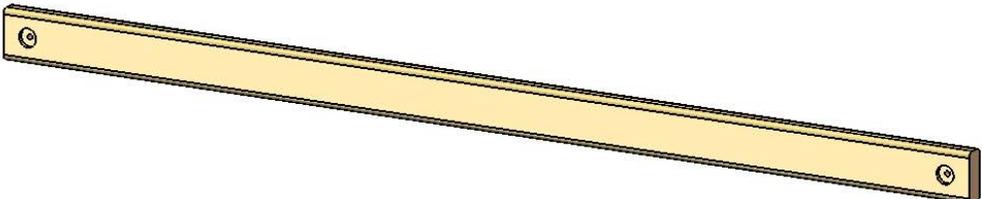
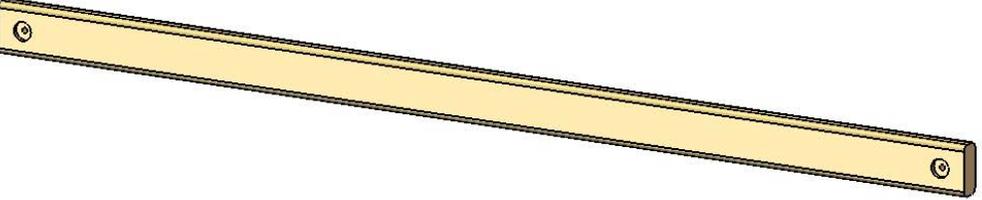
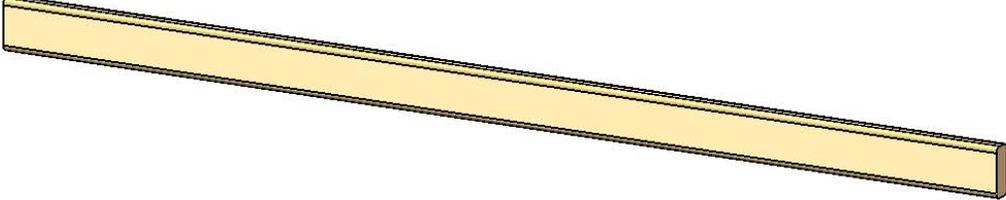


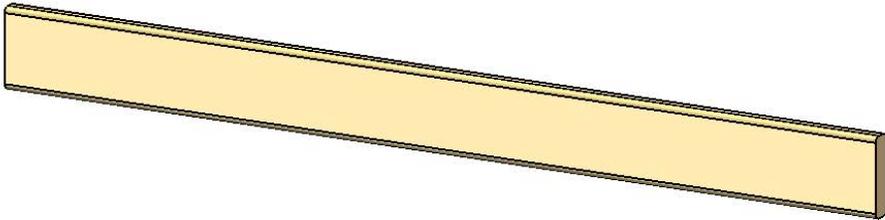
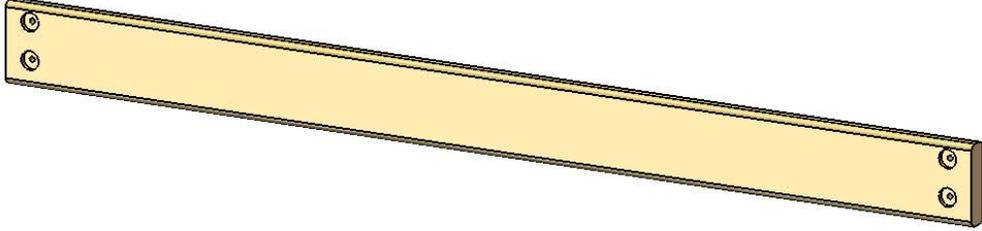
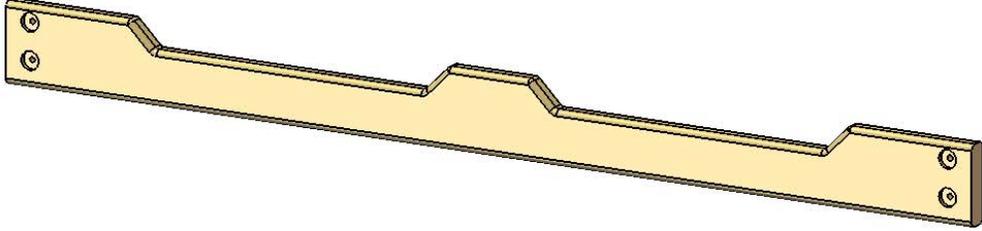
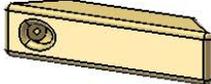
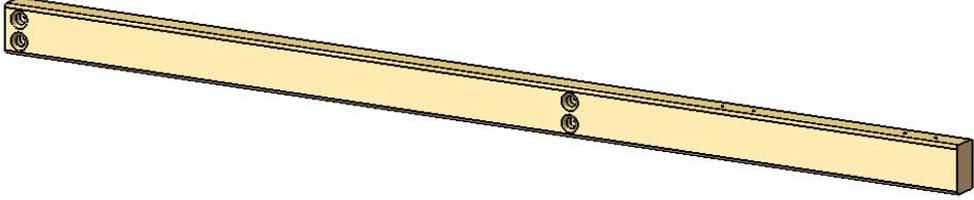
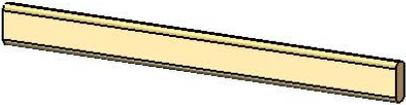
#8 SQUARE
DRILL BIT
QTY: 1

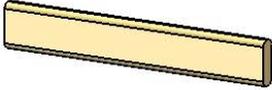
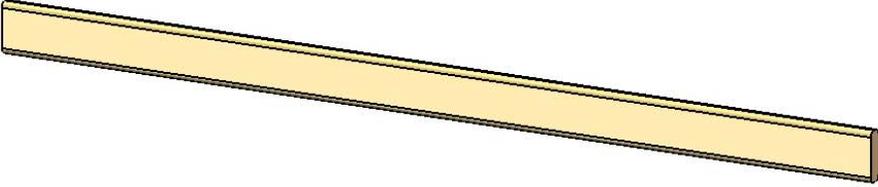
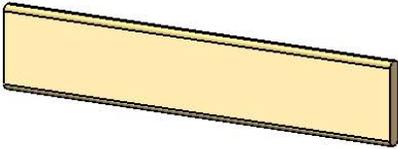
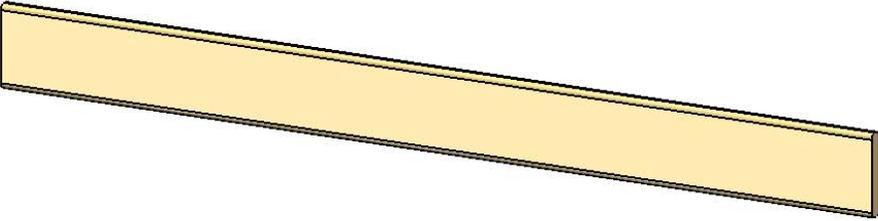
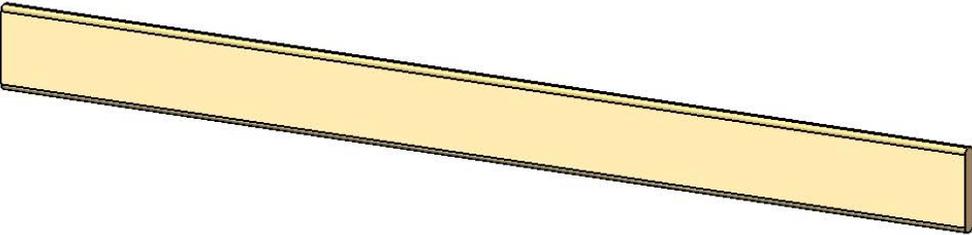
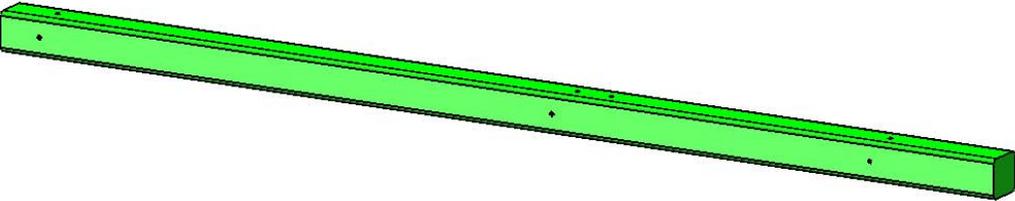


GREEN PLASTIC
BOLT CAP
QTY: 12

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.
	2 X 4 X 10" PICNIC TABLE SEAT STRINGER	2
	2 X 4 X 17" LADDER STEPS 2 X 4 X 15" PICNIC TABLE STRINGER	5 3
	2 X 4 X 66" LADDER SIDE (LEFT AND RIGHT SIDE)	2
	2 X 4 X 70" TARP BOARD, CENTER DECK SUPPORT, AND PICNIC TABLE SUPPORT	10
	2 X 4 X 70" DECK SUPPORT	2
	2 X 4 X 70" FRONT TOP PANEL BOARD AND BOTTOM PANEL BOARD	3
	2 X 4 X 64 $\frac{1}{2}$ " CENTER POST	2

PICTURE	DESCRIPTION	QTY.
	2 X 6 X 62 ³ / ₄ " PICNIC TABLE SEAT	4
	2 X 6 X 70" SANDBOX BOARD, BOTTOM PANEL, AND TOP PANEL BOARD	10
	2 X 6 X 70" FRONT FACE BOARD	1
	4 X 4 X 16" ANGLE SUPPORT	4
	2 X 2 X 24" GROUND STAKE	4
	4 X 6 X 112" SWING BEAM	2
	5 4 X 3 X 28" PANEL SLAT	2

PICTURE	DESCRIPTION	QTY.
	$\frac{5}{4}$ X 3 X 18 $\frac{3}{4}$ " LADDER BACK	1
	$\frac{5}{4}$ X 4 X 62 $\frac{3}{4}$ " DECK SPACER	2
	$\frac{5}{4}$ X 6 X 28" PANEL SLAT	20
	$\frac{5}{4}$ X 6 X 62 $\frac{3}{4}$ " PICNIC TABLE TOP	3
	$\frac{5}{4}$ X 6 X 69 $\frac{7}{8}$ " DECK BOARD	11
	4 X 4 X 96" PLASTIC COATED CORNER POST	4

PICTURE

DESCRIPTION

QTY.



10' WAVE
SLIDE

1



IRON
DUCTILE

4



SWINGS
W/CHAINS

1



TRAPEZE
BAR
W/CHAINS

1

PICTURE

DESCRIPTION

QTY.



$1\frac{1}{2}$ " X $1\frac{1}{2}$ "
GREEN
BRACKET

2



SPRING
CLAMP

4

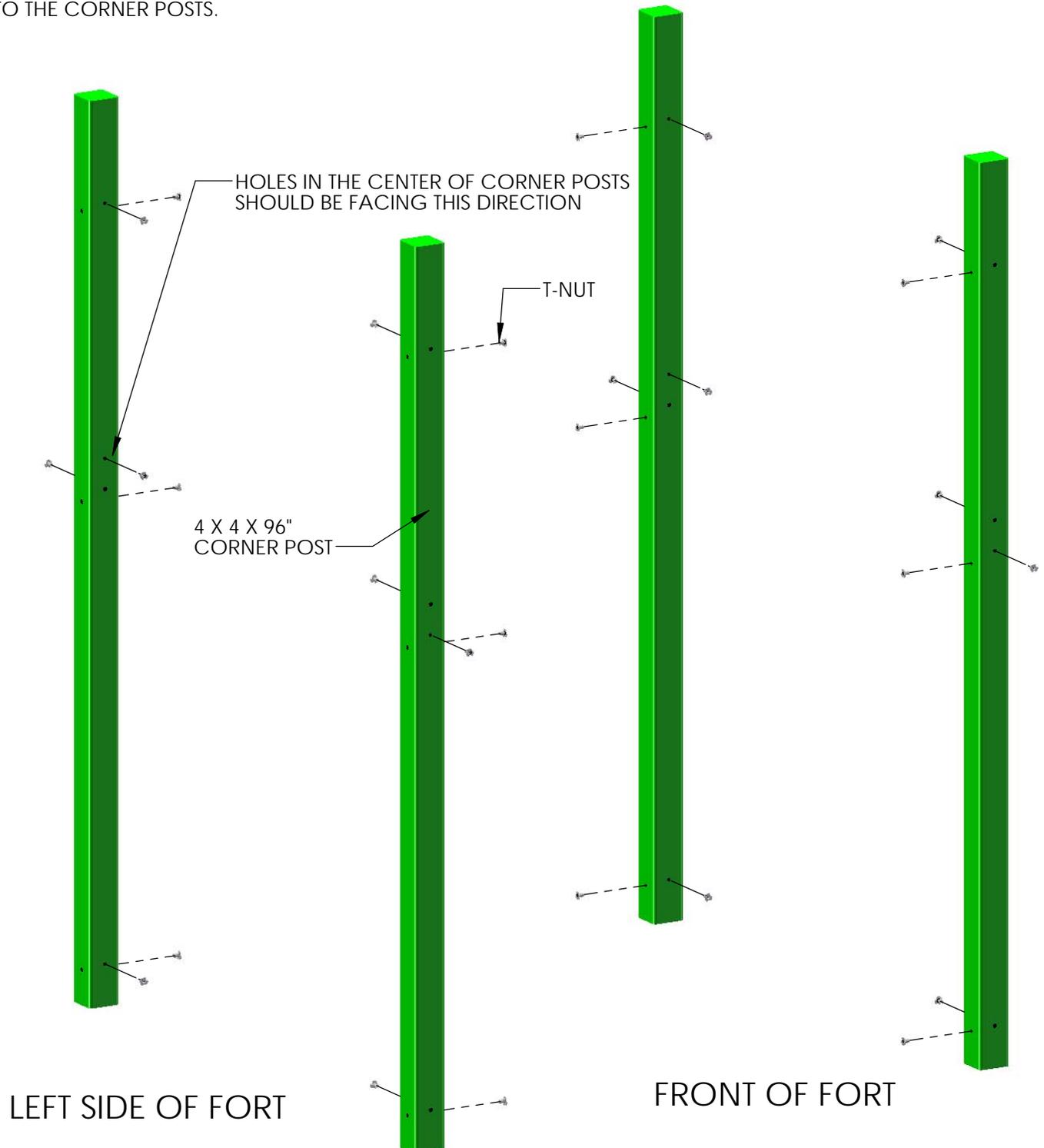


TARP

1

STEP 1: ATTACHING T-NUTS TO THE CORNER POSTS

- 1: THIS STEP IS CRITICAL TO BUILDING THE FORT PROPERLY. IF ANY MISTAKES ARE MADE HERE, YOU WILL NEED TO DIS-ASSEMBLE AND THEN RE-ASSEMBLE TO MAKE YOUR CORRECTIONS.
- 2: MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.
- 3: LAY OUT EACH OF THE 4 X 4 X 96" CORNER POSTS IN THE AREA YOU INTEND ON BUILDING THE FORT SIDE OF THE PLAYSET.
- 4: USE THE DIAGRAM BELOW TO CORRECTLY IDENTIFY AND ORIENT THE NECESSARY DIRECTION THE POSTS SHOULD FACE.
- 5: USE A HAMMER TO SEAT THE T-NUTS AFTER INSERTING THEM INTO THE HOLES SHOWN IN THE DIAGRAM BELOW.
- 6: 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 POSTS.



STEP 2: ASSEMBLING THE RIGHT SIDE FRAME

1: LAY THE 2 X 6 X 70" SANDBOX BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE DOWNWARD.

2: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

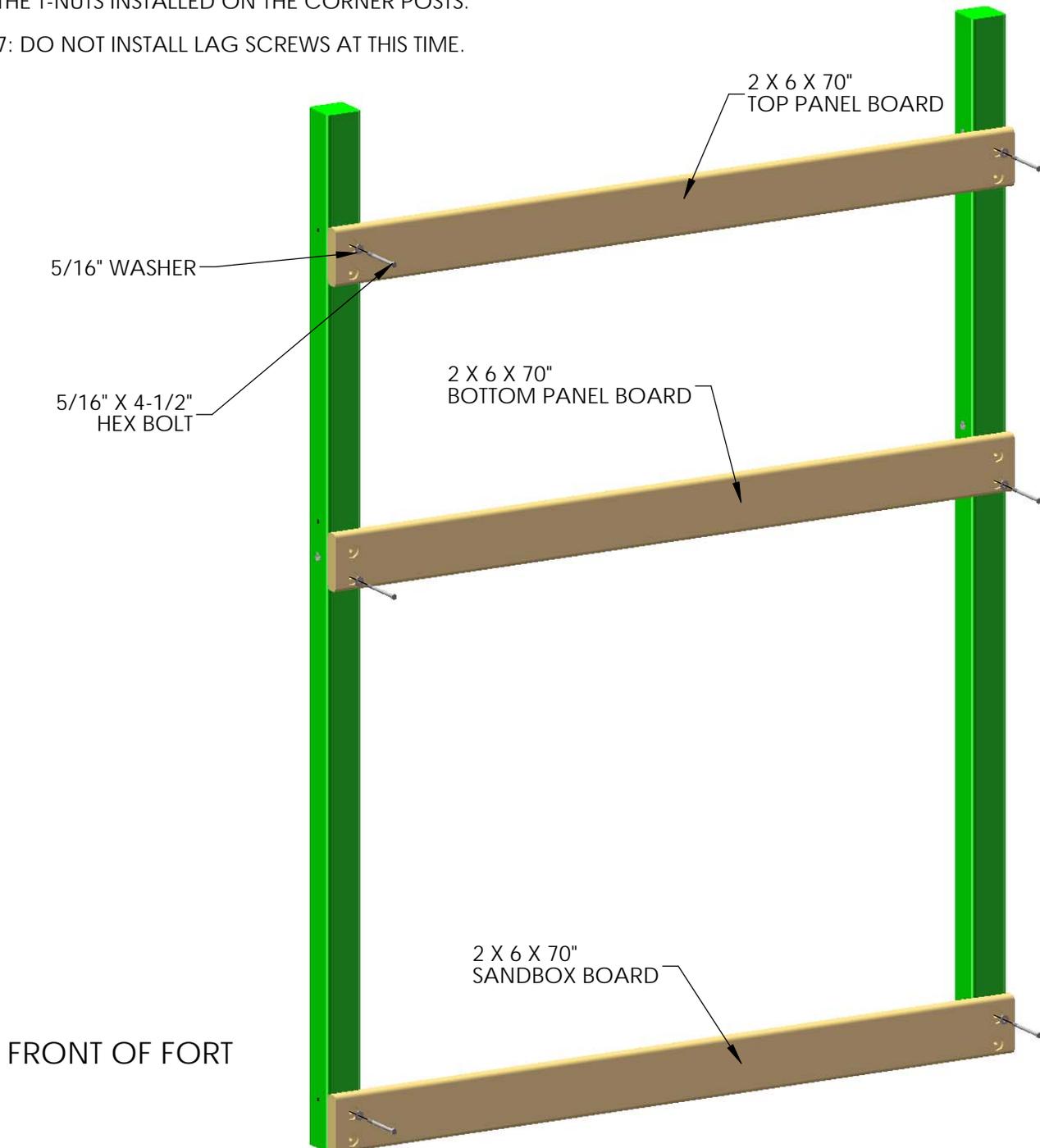
3: LAY THE 2 X 6 X 70" BOTTOM PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE DOWNWARD.

4: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.

5: LAY THE 2 X 6 X 70" TOP PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS. THE OFFSET HOLES IN THE TOP PANEL BOARD MUST FACE DOWNWARD.

6: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

7: DO NOT INSTALL LAG SCREWS AT THIS TIME.



STEP 3: ASSEMBLING THE LEFT SIDE FRAME

1: LAY THE 2 X 6 X 70" SANDBOX BOARD ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE DOWNWARD.

2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

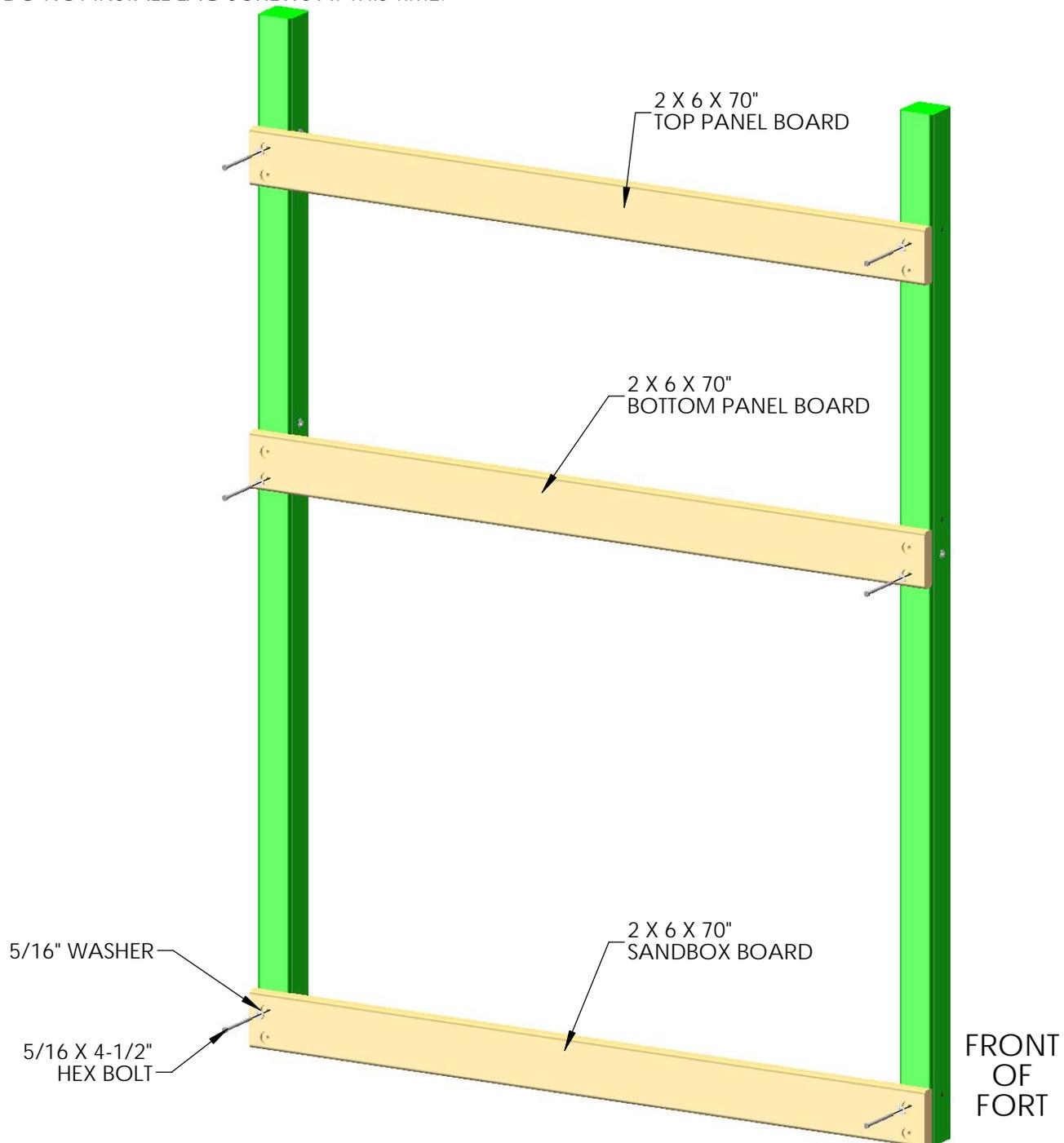
3: LAY THE 2 X 6 X 70" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE DOWNWARD.

4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.

5: LAY THE 2 X 6 X 70" TOP PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS. THE OFFSET HOLES IN THE TOP PANEL BOARD MUST FACE DOWNWARD.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

7: DO NOT INSTALL LAG SCREWS AT THIS TIME.

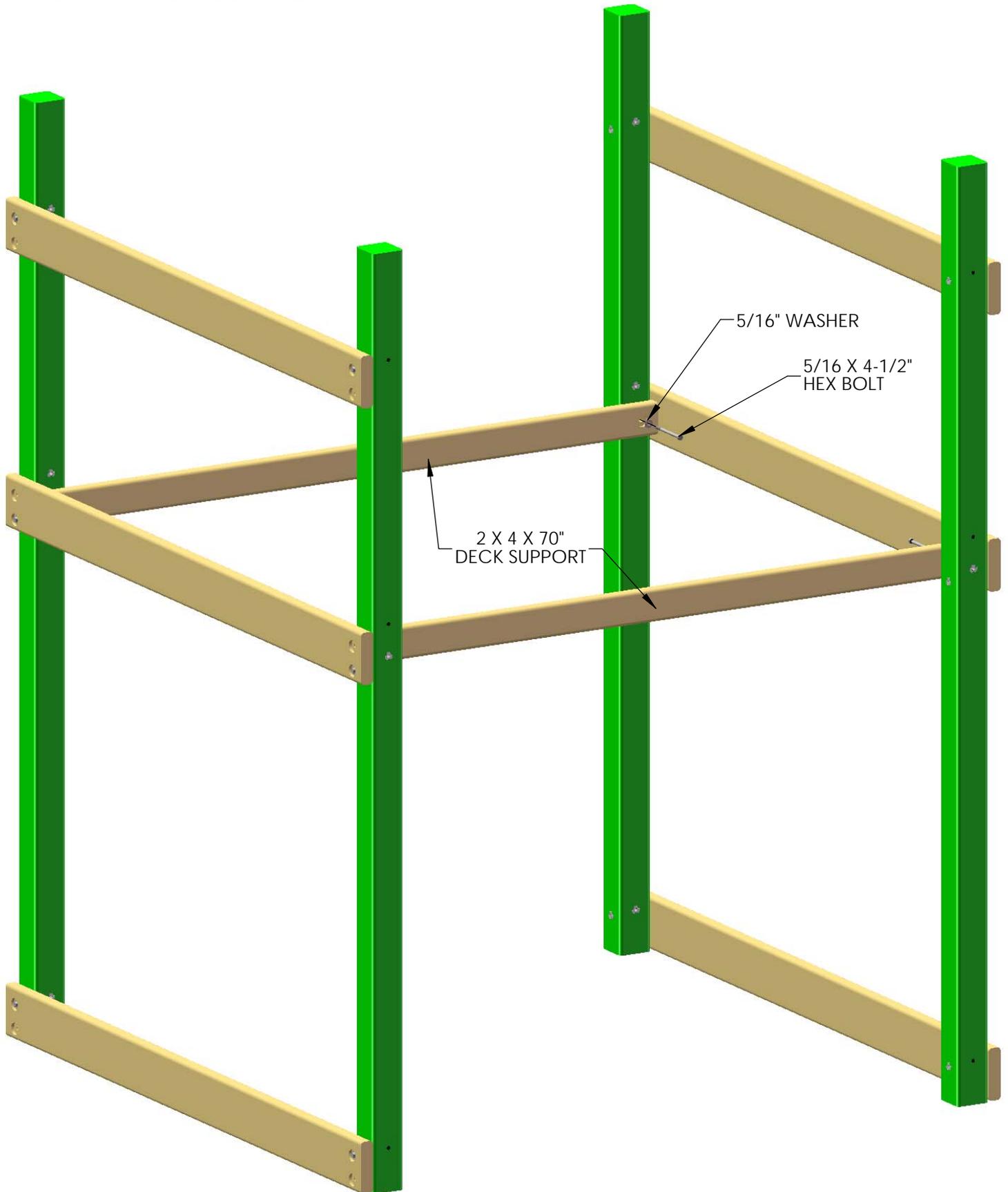


STEP 4: DECK SUPPORTS

YOU WILL NEED AN EXTRA PERSON FOR THIS STEP.

1: WITH HELP, STAND UP THE LEFT AND RIGHT SIDE ASSEMBLIES.

2: FASTEN THE 2 X 4 X 70" DECK SUPPORTS TO THE HOLES AT 54-3/4" WITH 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS FROM THE INSIDE OF THE FORT



STEP 5: FRONT FRAME ASSEMBLY

1: LAY THE 2 X 6 X 70" SANDBOX BOARD ON TOP OF THE FRONT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE UPWARD.

2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

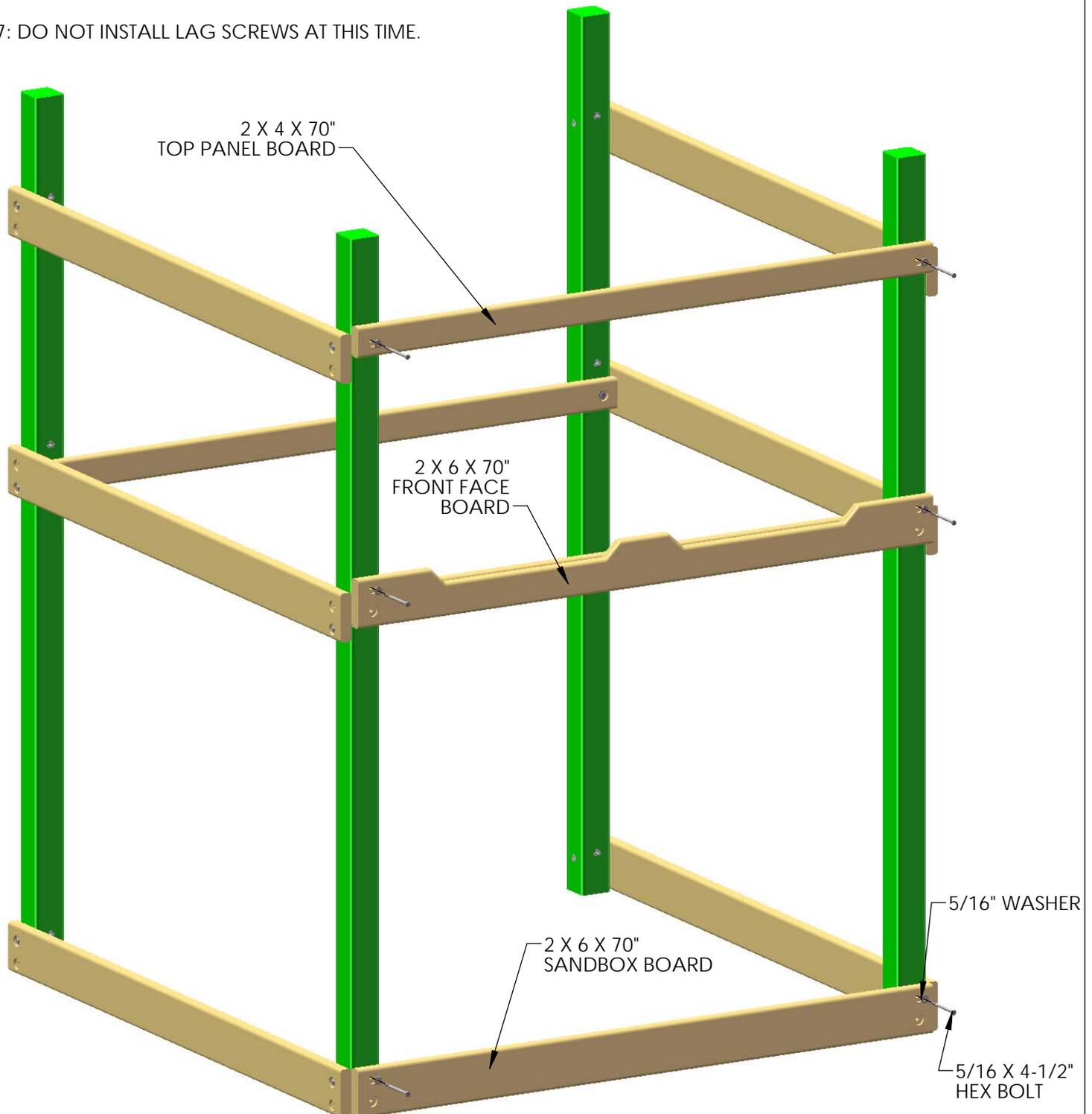
3: LAY THE 2 X 6 X 70" FRONT FACE BOARD ON TOP OF THE FRONT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE UPWARD.

4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.

5: LAY THE 2 X 4 X 70" TOP PANEL BOARD ON TOP OF THE FRONT SIDE CORNER POSTS.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

7: DO NOT INSTALL LAG SCREWS AT THIS TIME.



STEP 6: REAR FRAME ASSEMBLY

1: PLACE THE 2 X 6 X 70" SANDBOX BOARD ON THE REAR OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE UP.

2: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

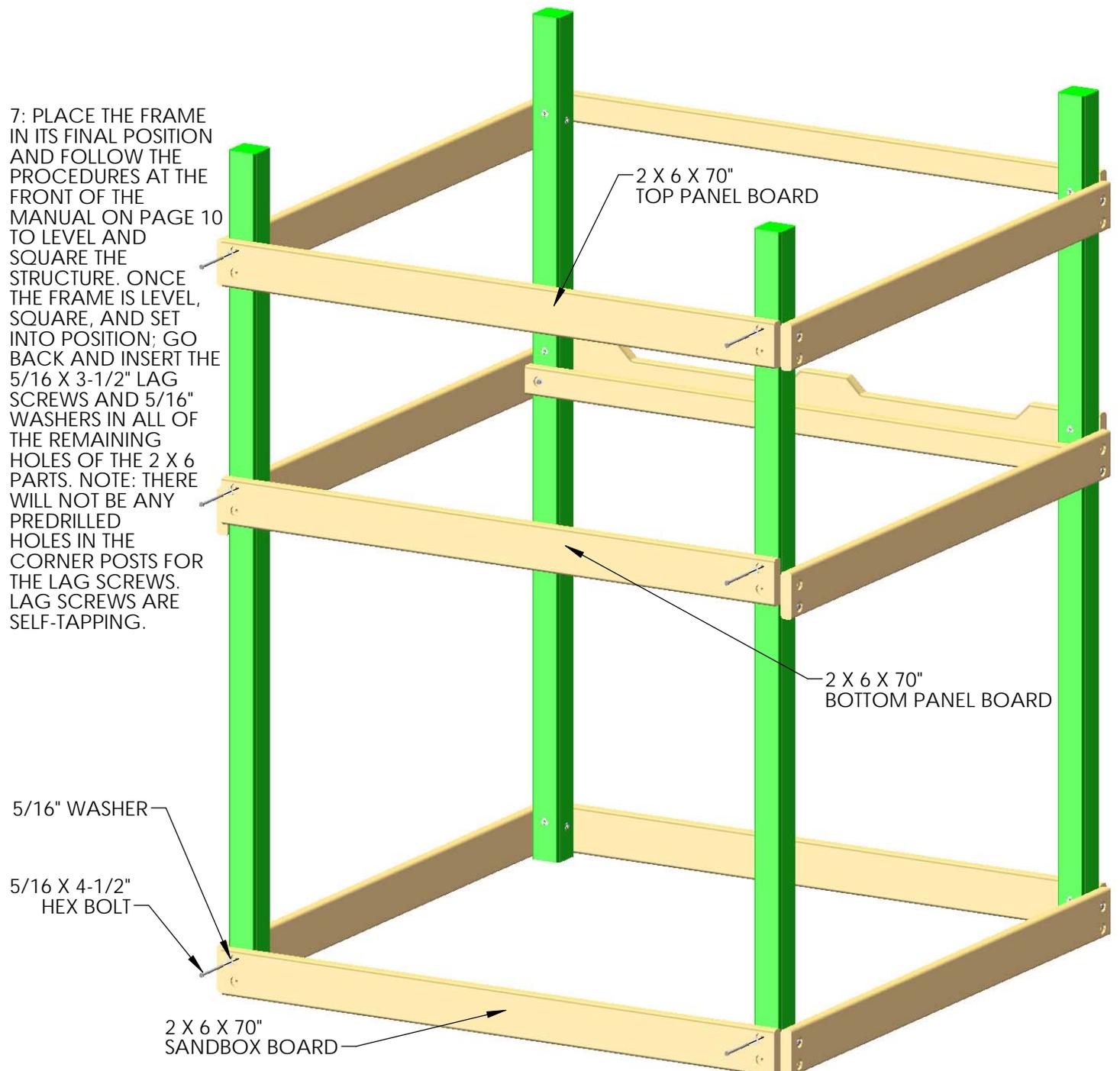
3: PLACE THE 2 X 6 X 70" BOTTOM PANEL BOARD ON THE REAR OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE UP.

4: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

5: PLACE THE 2 X 6 X 70" TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS. THE OFFSET HOLES IN THE TOP PANEL BOARD MUST FACE UP.

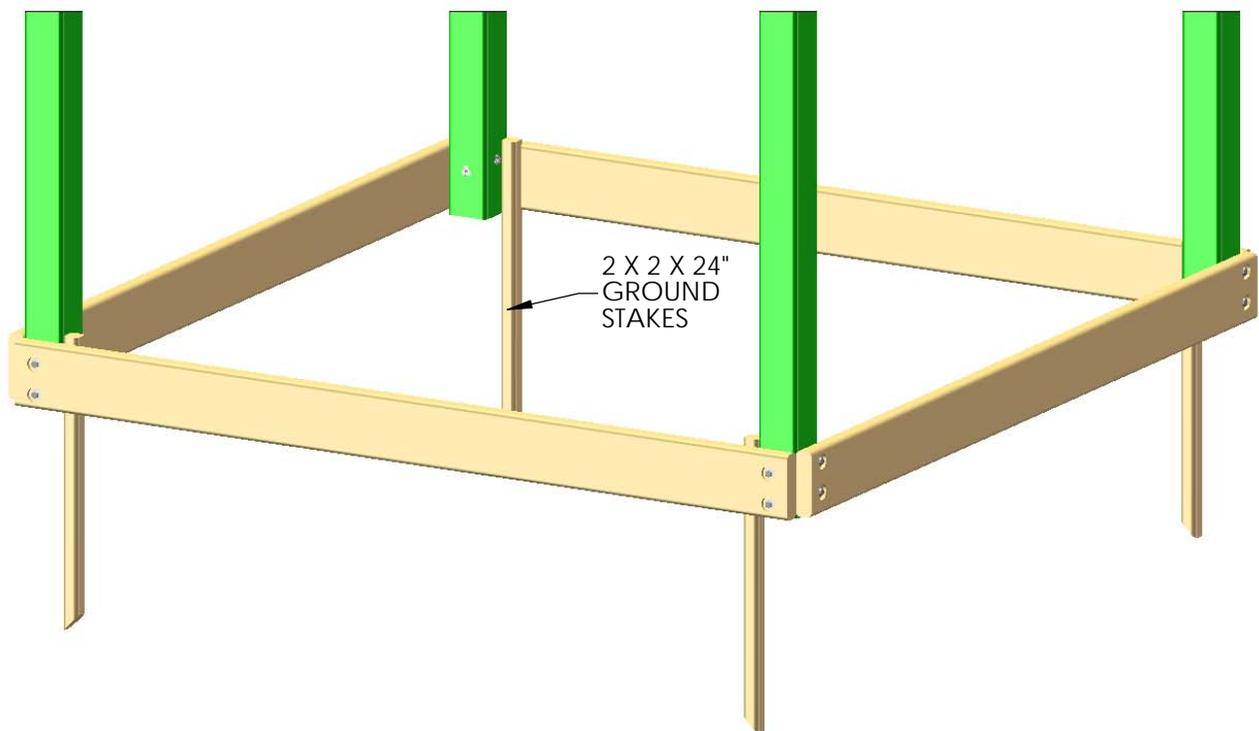
6: USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

7: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL ON PAGE 10 TO LEVEL AND SQUARE THE STRUCTURE. ONCE THE FRAME IS LEVEL, SQUARE, AND SET INTO POSITION; GO BACK AND INSERT THE 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN ALL OF THE REMAINING HOLES OF THE 2 X 6 PARTS. NOTE: THERE WILL NOT BE ANY PREDRILLED HOLES IN THE CORNER POSTS FOR THE LAG SCREWS. LAG SCREWS ARE SELF-TAPPING.



STEP 7: GROUND SUPPORTS

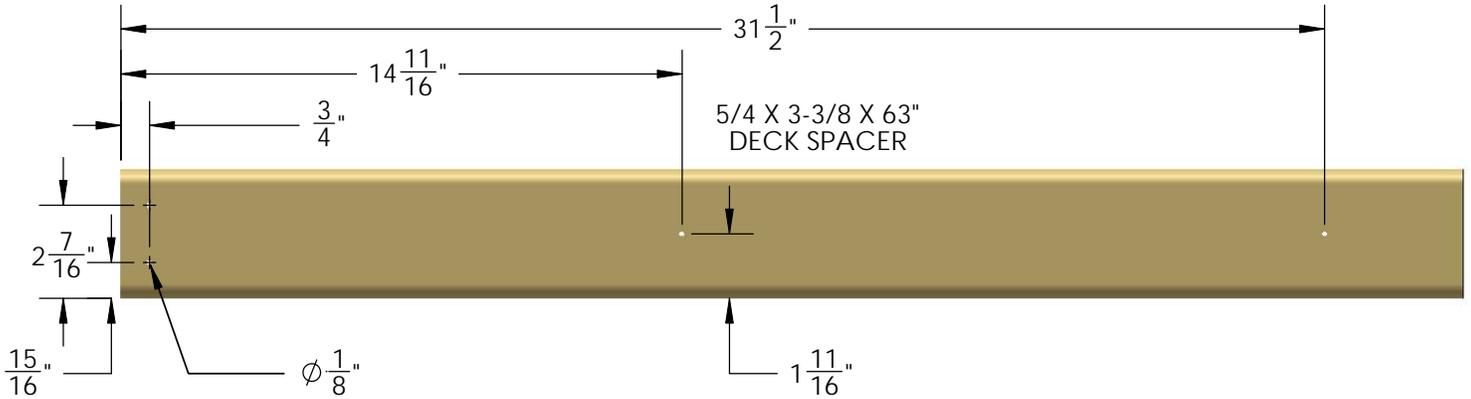
- 1: PLACE THE FORT IN ITS FINAL POSITION. ON THE INSIDE OF ALL CORNER POSTS, MARK A SPOT ON THE GROUND WHERE THE GROUND STAKES WILL BE INSTALLED.
- 2: DRIVE THE GROUND STAKES INTO THE GROUND WITH A HAMMER UNTIL THEY ARE APPROXIMATELY 6" ABOVE THE GROUND SURFACE.
- 3: FASTEN THE GROUND STAKES TO THE CORNER POSTS WITH TWO 2-1/2" WOOD SCREWS PER STAKE.



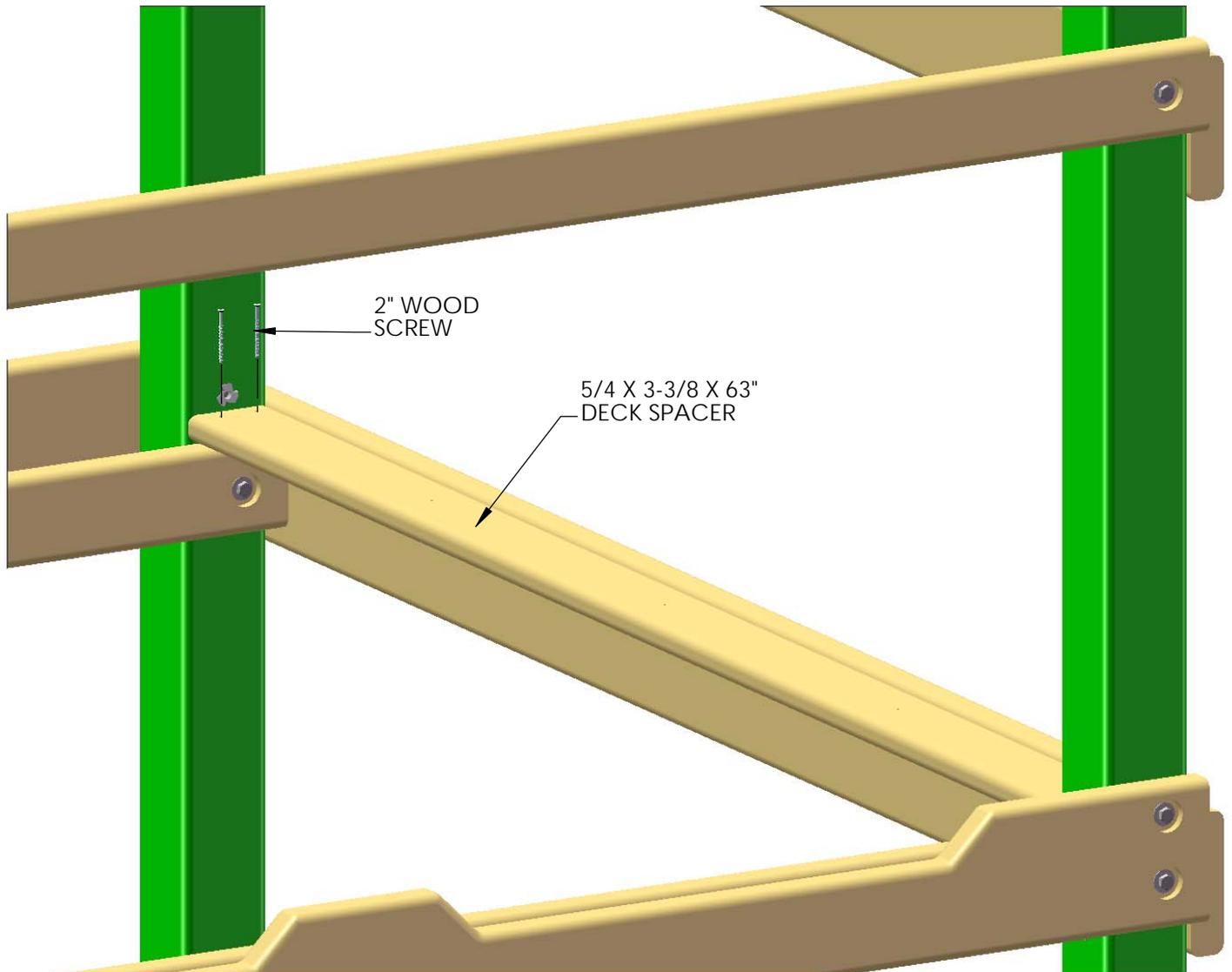
STEP 8: DECK SPACERS

THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD

1: PRE-DRILL THE ENDS OF THE DECK SPACERS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A $\frac{1}{8}$ " DRILL BIT AT THE DIMENSIONS SHOWN BELOW. THE HOLE AT $31\text{-}\frac{1}{2}$ " ONLY NEEDS TO BE DRILLED ONCE. IT IS THE CENTER OF THE BOARD.



2: START WITH THE 5/4 X 3-3/8 X 63" DECK SPACER AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE CORNER POSTS AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILED HOLES AND INTO THE DECK SUPPORT BELOW. NOTE: THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK SPACER.



STEP 9: CENTER DECK SUPPORT

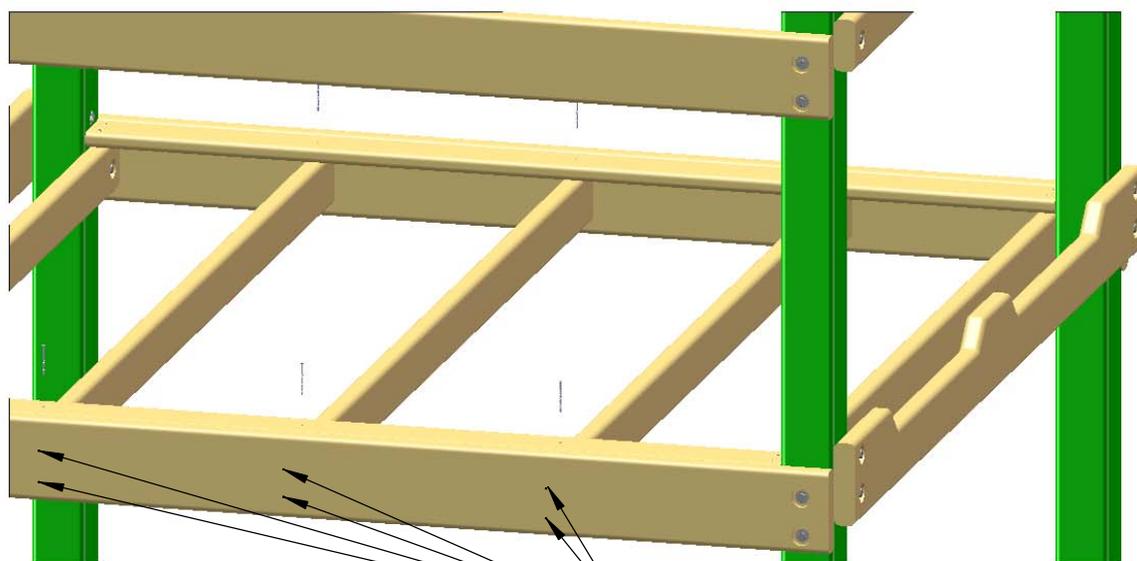
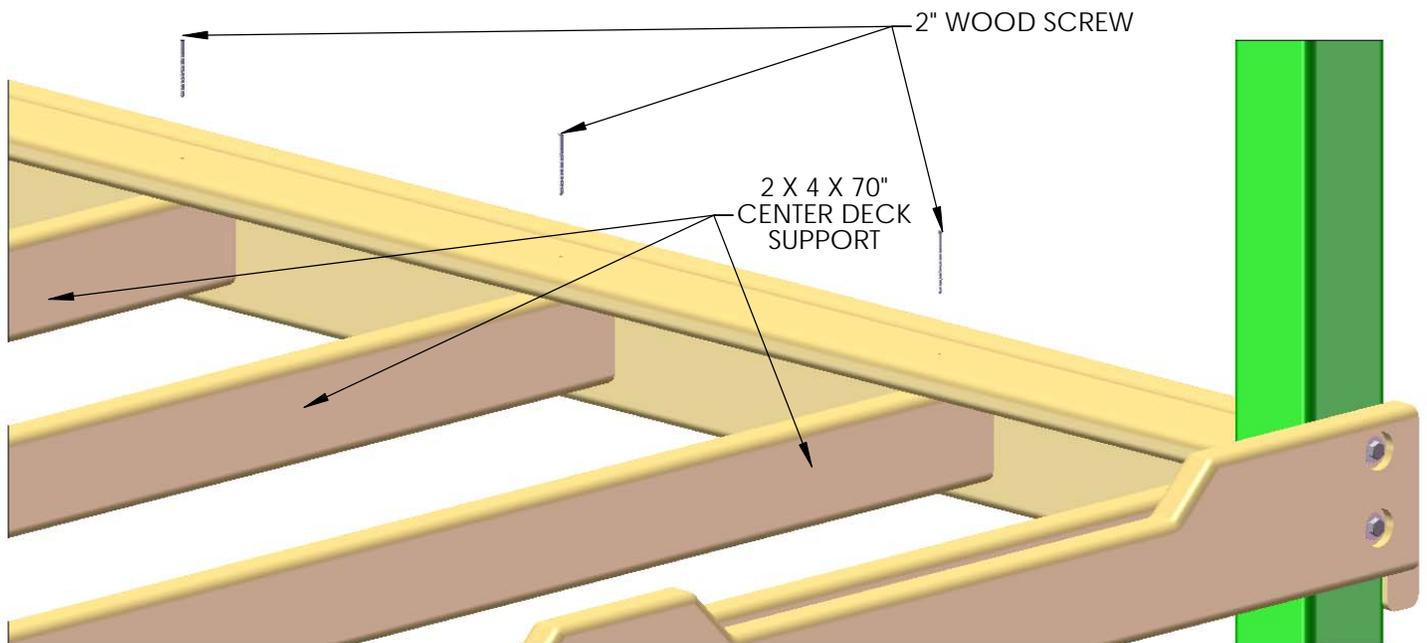
1: FIND THREE 2 X 4 X 70" CENTER DECK SUPPORTS WITHOUT HOLES.

2: FROM THE UNDERSIDE OF THE DECK SPACERS THAT WERE PREVIOUSLY INSTALLED, PLACE THE CENTER DECK SUPPORTS AT THE CENTER OF THE HOLES THAT WERE DRILLED IN THE LAST STEP, AND MAKE A MARK ON THE OUTSIDE OF THE FORT TO REPRESENT A CENTER LINE.

3: CENTER THE 2 X 4 X 70" CENTER DECK SUPPORT ON THESE MARKS AND PUSH THE CENTER DECK SUPPORT FLUSH TO THE BOTTOM SIDE OF THE DECK SPACERS.

4: USE 2" WOOD SCREWS TO ATTACH THE DECK SPACERS TO THE CENTER DECK SUPPORT.

5: USING TWO 2-1/2" WOOD SCREWS, INSTALL THE 2 X 4 X 70" CENTER DECK SUPPORT THROUGH THE OUTSIDE OF THE 2 X 6, AND INTO THE END OF THE CENTER DECK SUPPORT. REPEAT THIS STEP ON THE OPPOSITE END OF THE FORT.

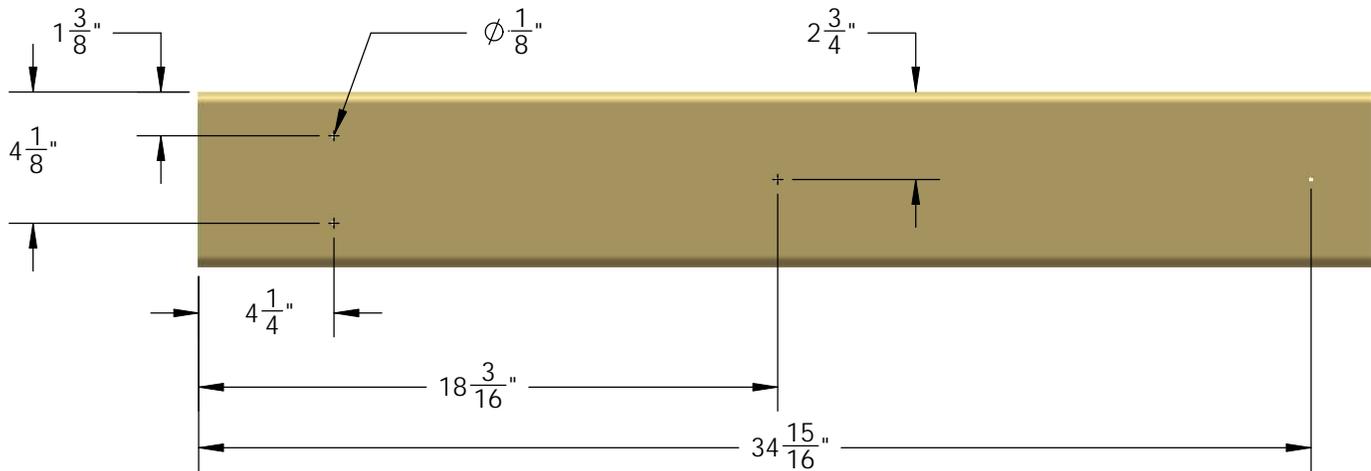


USE 2-1/2" WOOD SCREWS IN THESE LOCATIONS

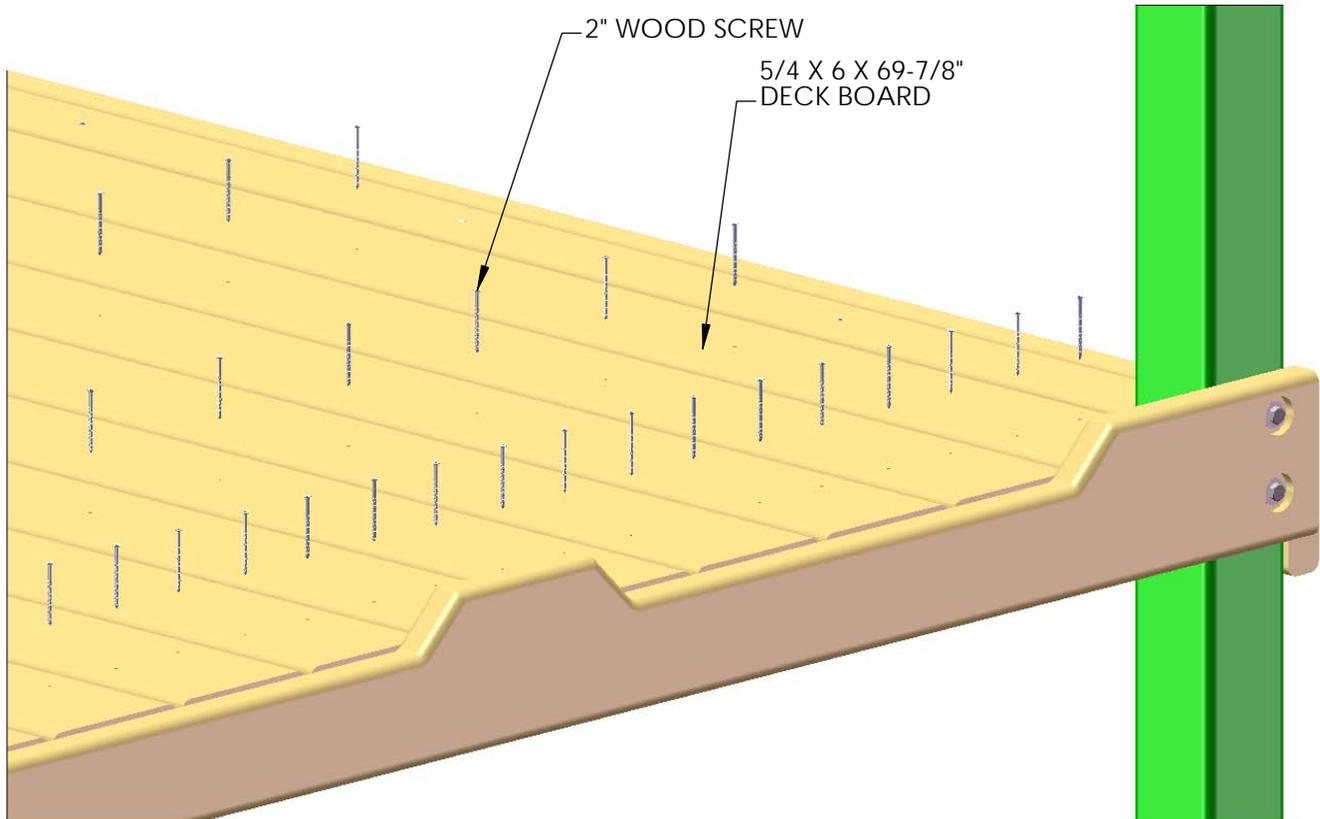
STEP 10: DECK BOARDS

THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD

1: PRE-DRILL THE ENDS OF THE DECK BOARDS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOWN BELOW. THE HOLE AT 34-15/16" IS THE CENTER OF THE BOARD AND ONLY NEEDS TO BE DRILLED ONCE.

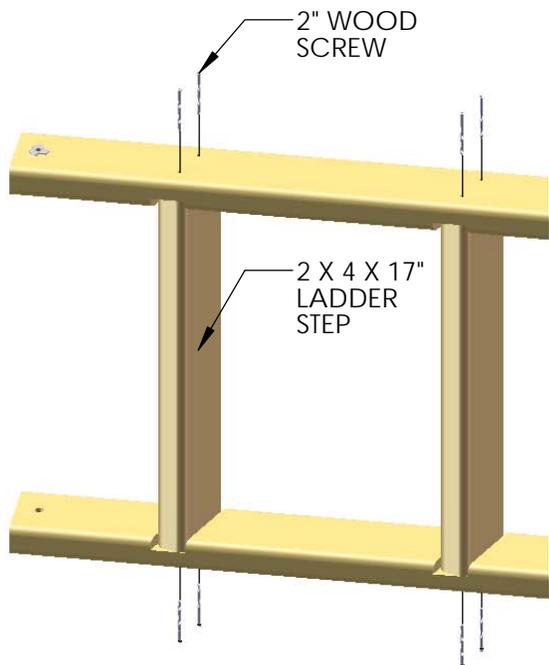
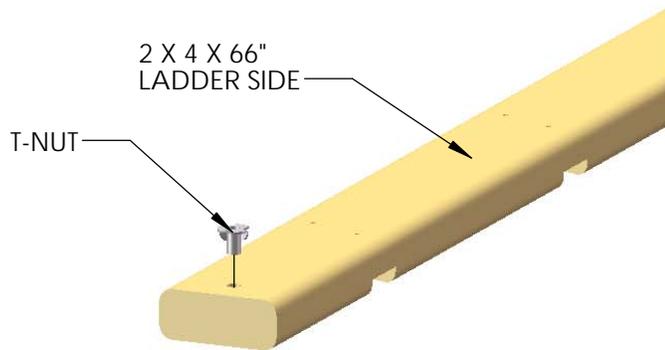


2: START WITH A 5/4 X 6 X 69-7/8" DECK BOARD AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE FRONT FACE BOARD AND THE REAR BOTTOM PANEL BOARD AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILLED HOLES AND INTO THE DECK SUPPORT BELOW. LEAVE A UNIFORM (APPROX. 1/4") SPACE BETWEEN THE DECK BOARDS. NOTE: THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK BOARDS.

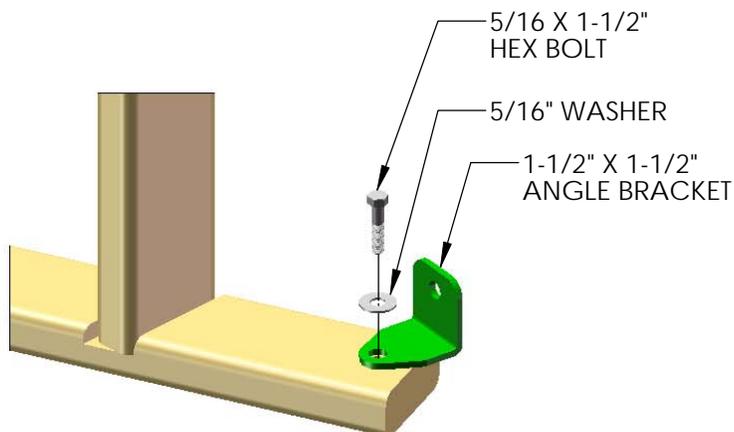


STEP 11: LADDER

- 1: FIND TWO 2 X 4 X 66" LADDER SIDES.
- 2: POSITION THE LADDER SIDES SO THAT THE SLOTS IN THE BOARDS ARE FACING EACH OTHER AND ARE PARALLEL.
- 3: INSERT T-NUTS INTO THE OUTSIDE OF THE LADDER SIDES AND SET WITH A HAMMER.

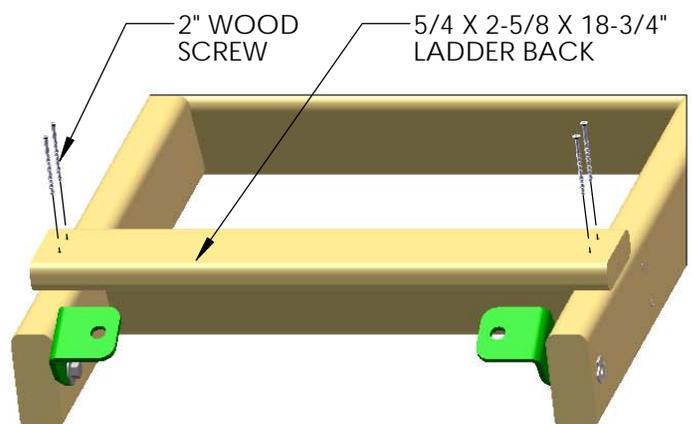


- 4: FIND FIVE 2 X 4 X 17" LADDER STEPS.
- 5: PLACE THE STEPS INTO THE SLOTS ON THE LADDER SIDES, AND FASTEN WITH 2" WOOD SCREWS.
- 6: CAREFULLY TURN THE LADDER OVER AND PUT THE SCREWS INTO THE OTHER SIDE.



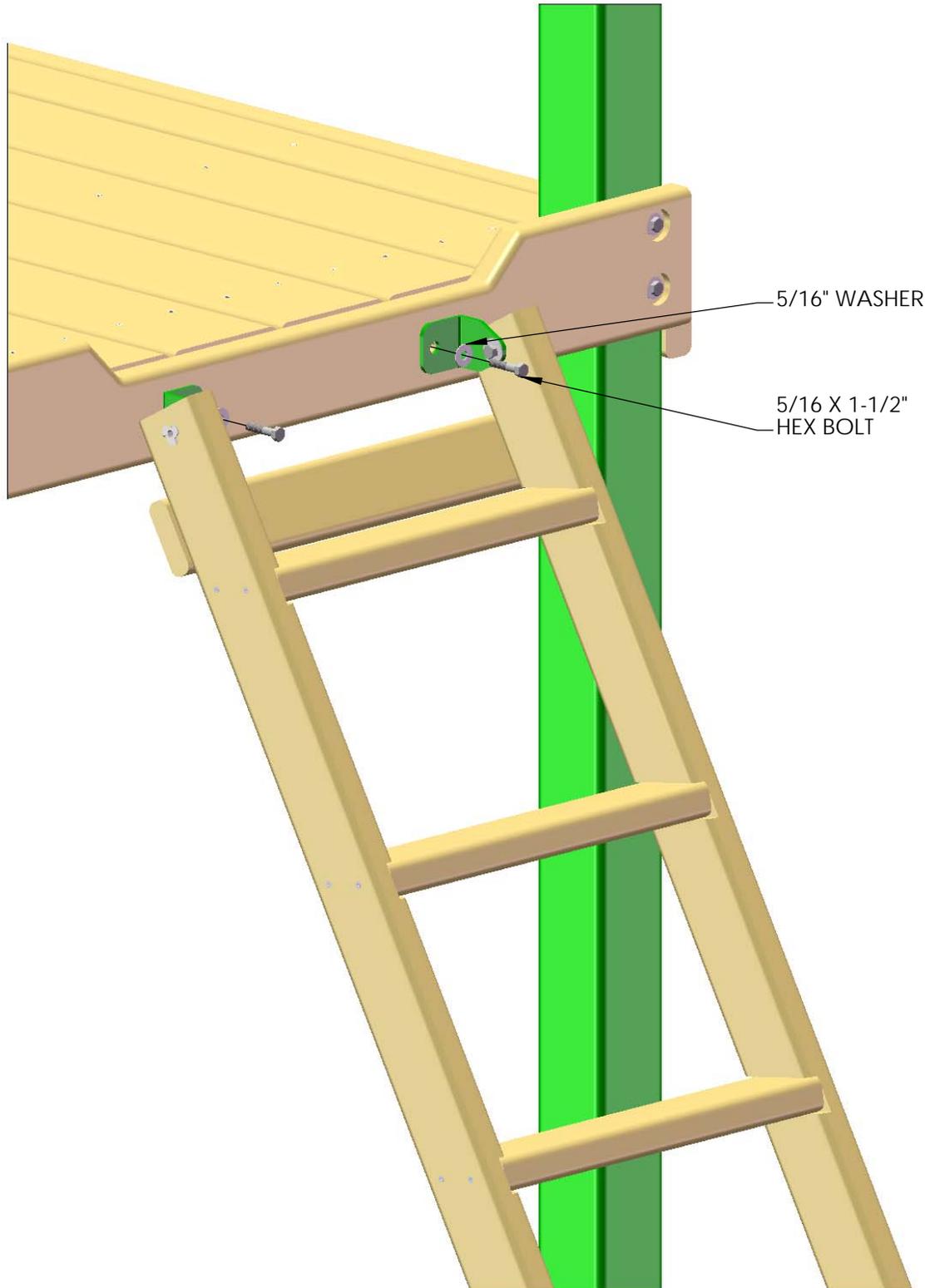
- 7: INSTALL THE 1-1/2" X 1-1/2" ANGLE BRACKETS TO THE INSIDE OF THE LADDER RAILS WITH 5/16 X 1-1/2" BOLTS, 5/16 WASHERS, INTO THE 5/16" T-NUTS.

- 8: INSTALL THE 5/4 X 2-5/8 X 18-3/4" LADDER BACK 2" ABOVE THE TOP STEP OF THE LADDER WITH TWO 2" WOOD SCREWS PER SIDE.



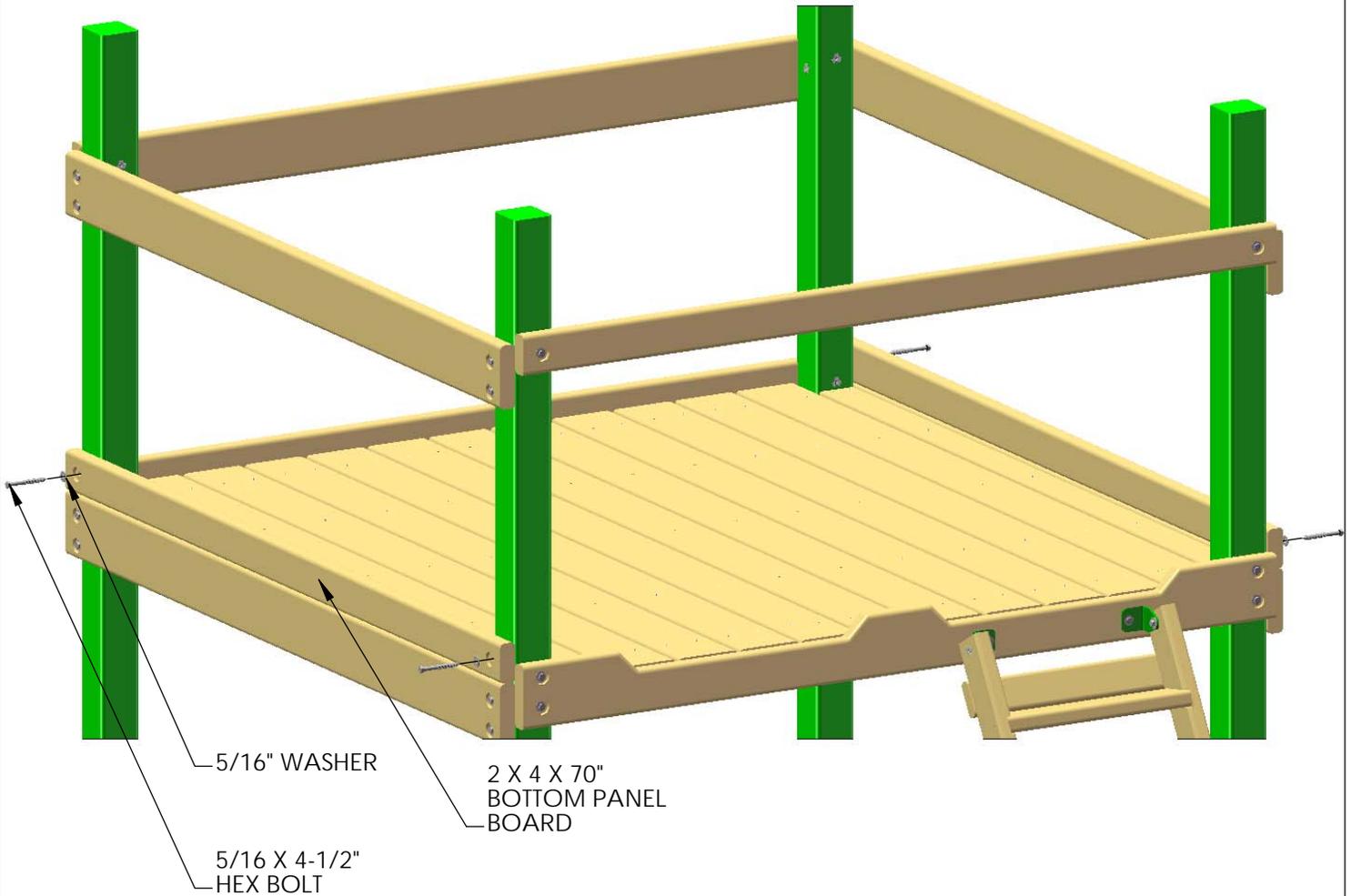
STEP 12: ATTACH LADDER TO FORT

- 1: PLACE THE LADDER INTO POSITION ON THE FORT AS SHOWN BELOW. USING THE LADDER BRACKETS AS A TEMPLATE DRILL A 3/8" HOLE THROUGH THE FRONT FACE BOARD.
- 2: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACKSIDE OF THE 3/8" HOLES ON THE FRONT FACE BOARD.
- 3: ATTACH THE LADDER WITH 5/16 X 1-1/2" BOLTS AND 5/16" WASHERS.
- 4: WHEN THE BRACKETS ARE SECURE, AND THE LADDER IS IN ITS FINAL POSITION; TIGHTEN THE 5/16 X 1-1/2" BOLTS ON THE LADDER SIDES.



STEP 13: BOTTOM PANEL BOARDS

- 1: FIND TWO 2 X 4 X 70" BOTTOM PANEL BOARDS.
- 2: PLACE THE BOARDS ON TOP OF THE 2 X 6 BOTTOM PANEL BOARDS.
- 3: INSTALL THE BOTTOM PANEL SLATS USING 5/16 X 4-1/2" HEX BOLTS WITH 5/16" WASHERS.



STEP 14: SWING BEAMS

1: PLACE THE 4 X 6 X 112" SWING BEAM ON TOP OF THE TOP PANEL BOARDS ON THE FRONT AND REAR OF THE FORT. MAKE SURE THAT THE COUNTER-SUNK HOLES ARE FACING OUT, AND THAT THE ENDS OF THE SWING BEAM ARE ON OPPOSING CORNERS.

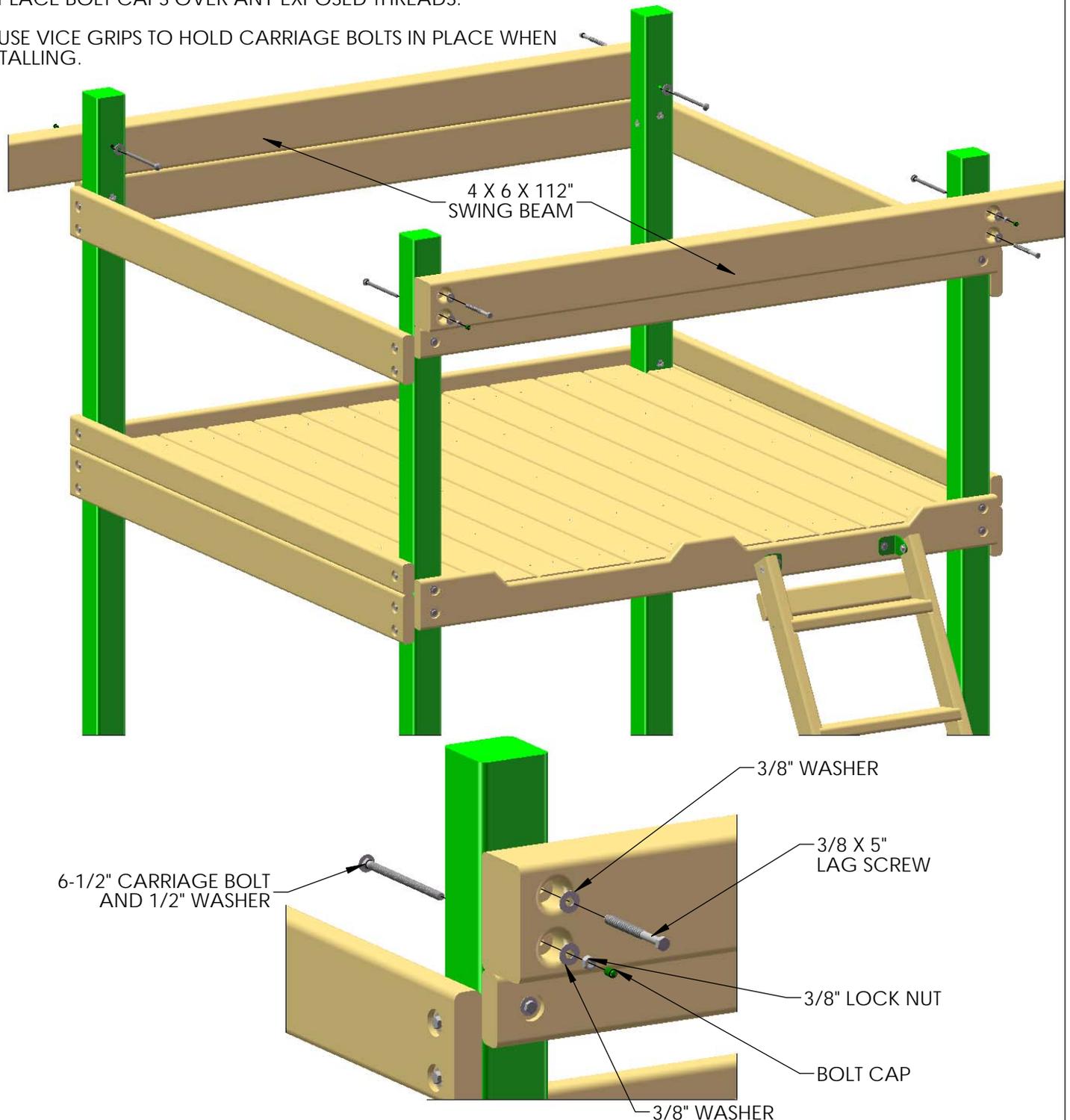
2: AFTER PLACING BEAM ON TOP OF TOP PANEL BOARD, MOUNT WITH TWO 3/8 X 5" LAG SCREWS AND 3/8" WASHERS IN A STAGGERED PATTERN (EXAMPLE: IF YOU PLACE A LAG SCREW INTO THE TOP HOLE ON ONE CORNER POST, PLACE IT IN THE BOTTOM ON THE OTHER).

3: AFTER SECURING WITH LAG SCREWS, USE A 3/8 X 9" DRILL BIT AND DRILL THROUGH THE REMAINING HOLES ON THE SWING BEAM THROUGH THE CORNER POSTS.

4: SECURE THE SWING BEAM TO THE FORT USING 6-1/2" CARRIAGE BOLTS WITH 1/2" WASHERS FROM THE INSIDE OF THE FORT, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM THE OUTSIDE OF THE FORT.

5: PLACE BOLT CAPS OVER ANY EXPOSED THREADS.

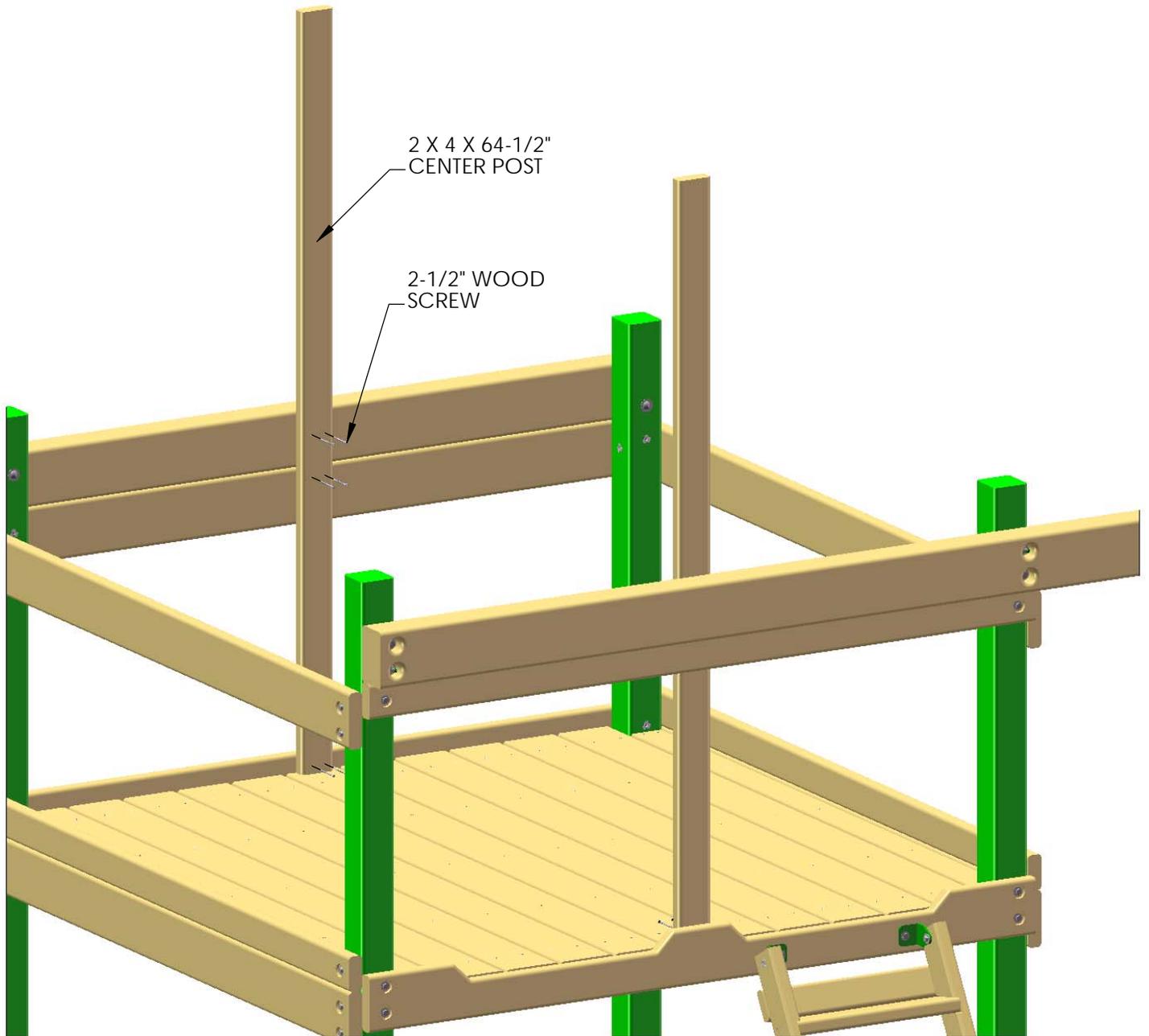
6: USE VICE GRIPS TO HOLD CARRIAGE BOLTS IN PLACE WHEN INSTALLING.



STEP 15: CENTER POSTS

1: FIND TWO 2 X 4 X 64-1/2" CENTER POSTS.

2: PLACE THE CENTER POSTS IN THE CENTER OF THE FORT AND ATTACH THE CENTER POSTS TO THE BOTTOM PANEL BOARD (FRONT FACE BOARD ON THE FRONT SIDE OF THE FORT), THE TOP PANEL BOARD, AND THE SWING BEAM WITH TWO 2-1/2" WOOD SCREWS PER BOARD.

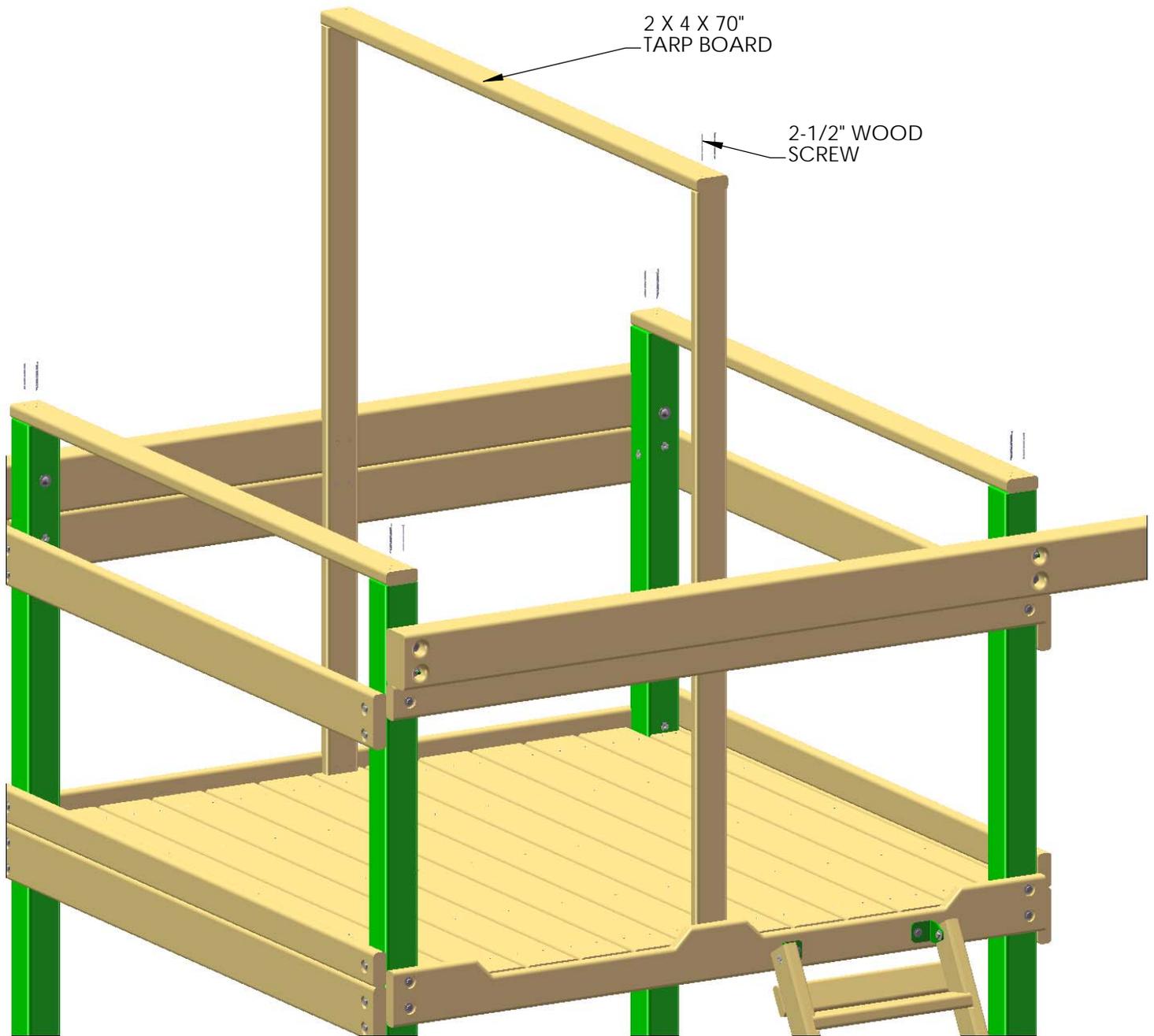


STEP 16: TARP BOARDS

1: FIND THREE 2 X 4 X 70" TARP BOARDS.

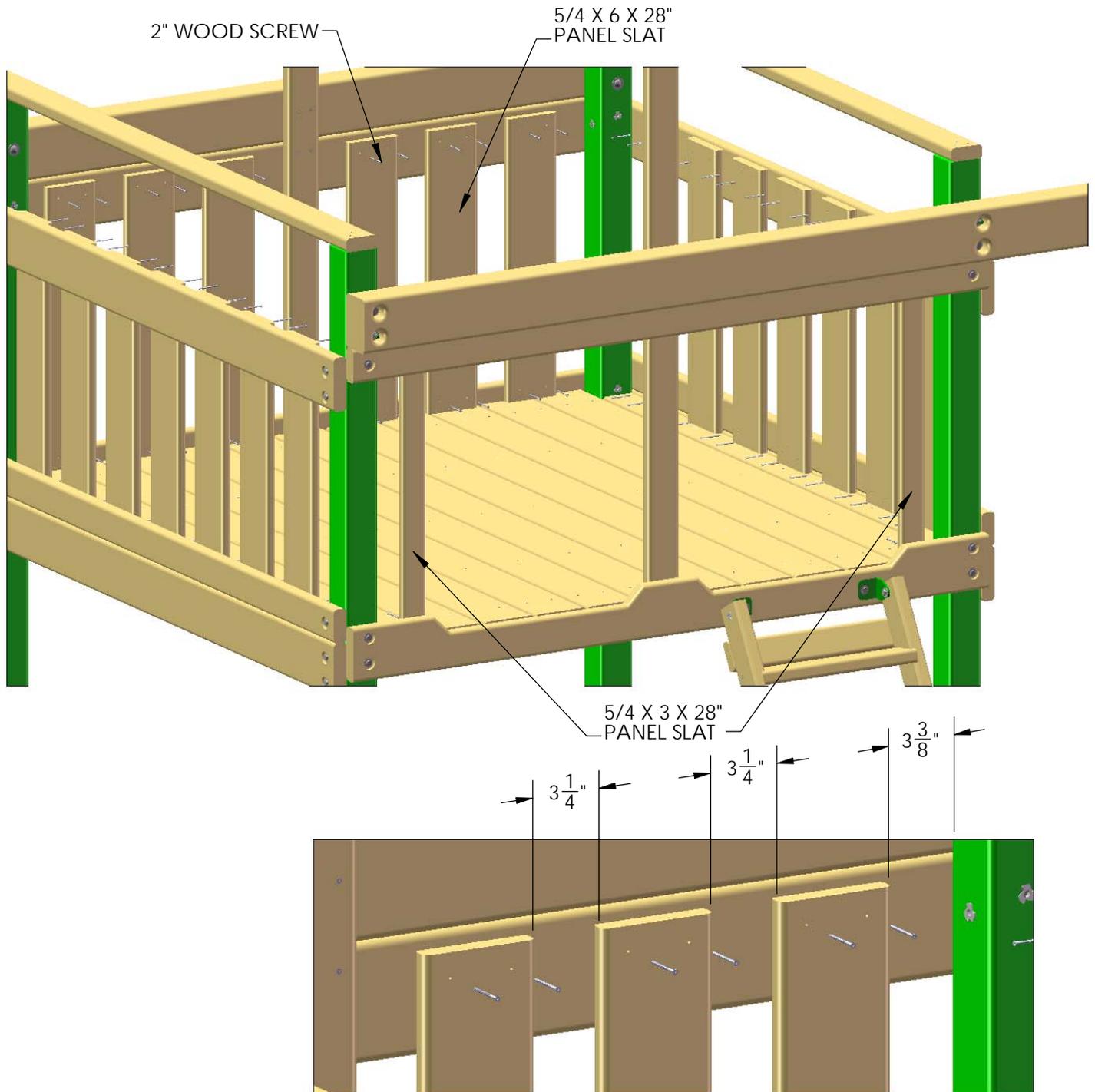
2: PLACE ONE TARP BOARD ON TOP OF THE CENTER POSTS, AND ATTACH TO THE CENTER POSTS WITH TWO 2-1/2" WOOD SCREWS PER END.

3: PLACE THE REMAINING TARP BOARDS ON TOP OF THE CORNER POSTS AND ATTACH WITH THREE 2-1/2" WOOD SCREWS PER END.



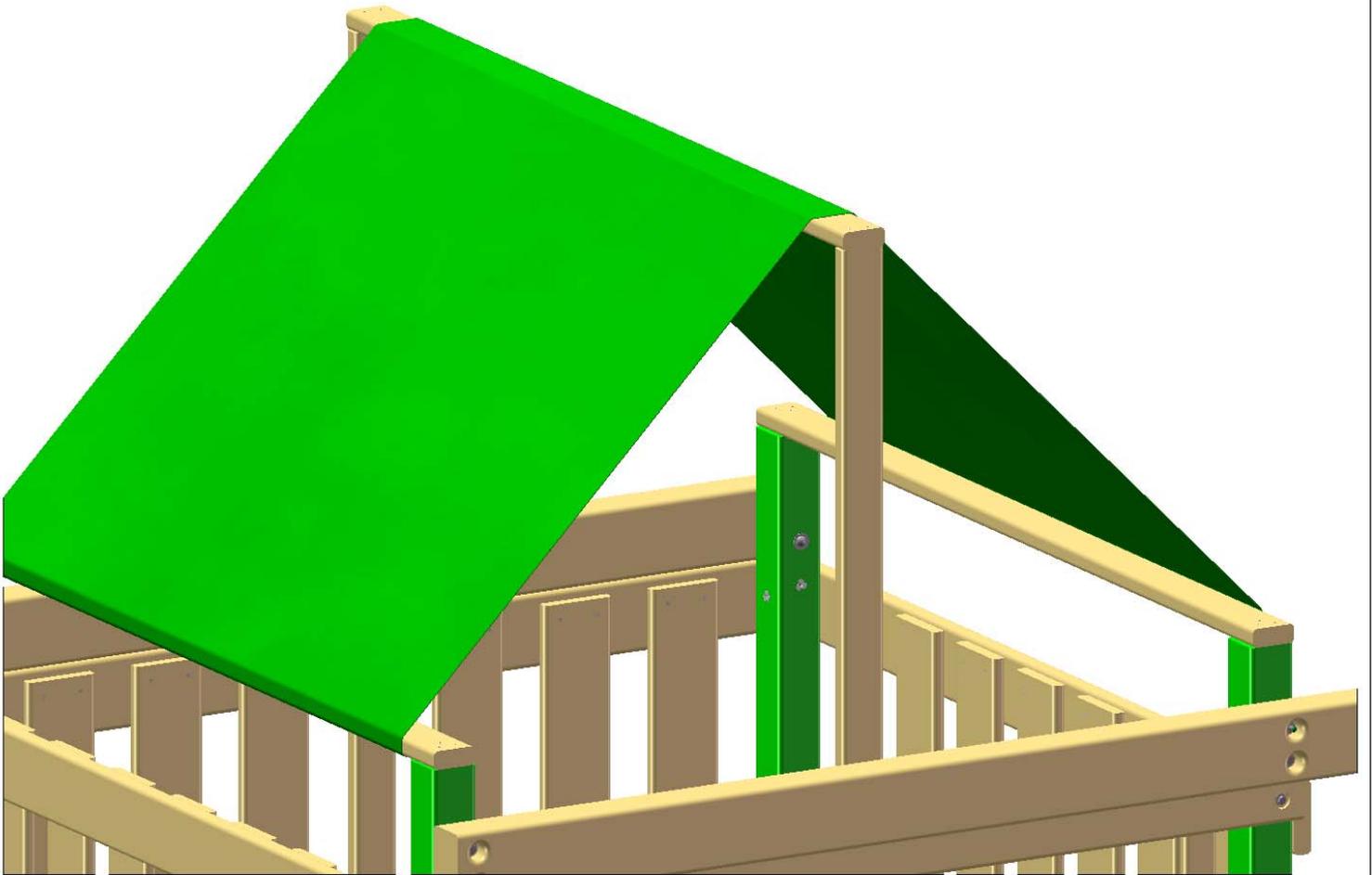
STEP 17: PANEL SLATS

- 1: FIND TWENTY 5/4 X 6 X 28" PANEL SLATS.
- 2: PRE-DRILL THE SLATS 1" FROM EACH END AND 1" FROM EACH SIDE WITH A 1/8" DRILL BIT. (4 HOLES TOTAL)
- 3: INSTALL THE PANEL SLATS AT EQUAL LENGTHS. SEE DETAIL BELOW FOR REAR PANEL SLAT MEASUREMENTS.
- 4: ATTACH THE PANEL SLATS TO THE FORT WITH 2" WOOD SCREWS IN THE PRE-DRILLED HOLES.
- 5: FIND TWO 5/4 X 3 X 28" PANEL SLATS.
- 6: PRE-DRILL THE SLATS 1" FROM EACH END ON CENTER WITH A 1/8" DRILL BIT.
- 7: ATTACH THE PANEL SLATS TO THE FRONT OF THE FORT WITH 2" WOOD SCREWS IN THE PRE-DRILLED HOLES.



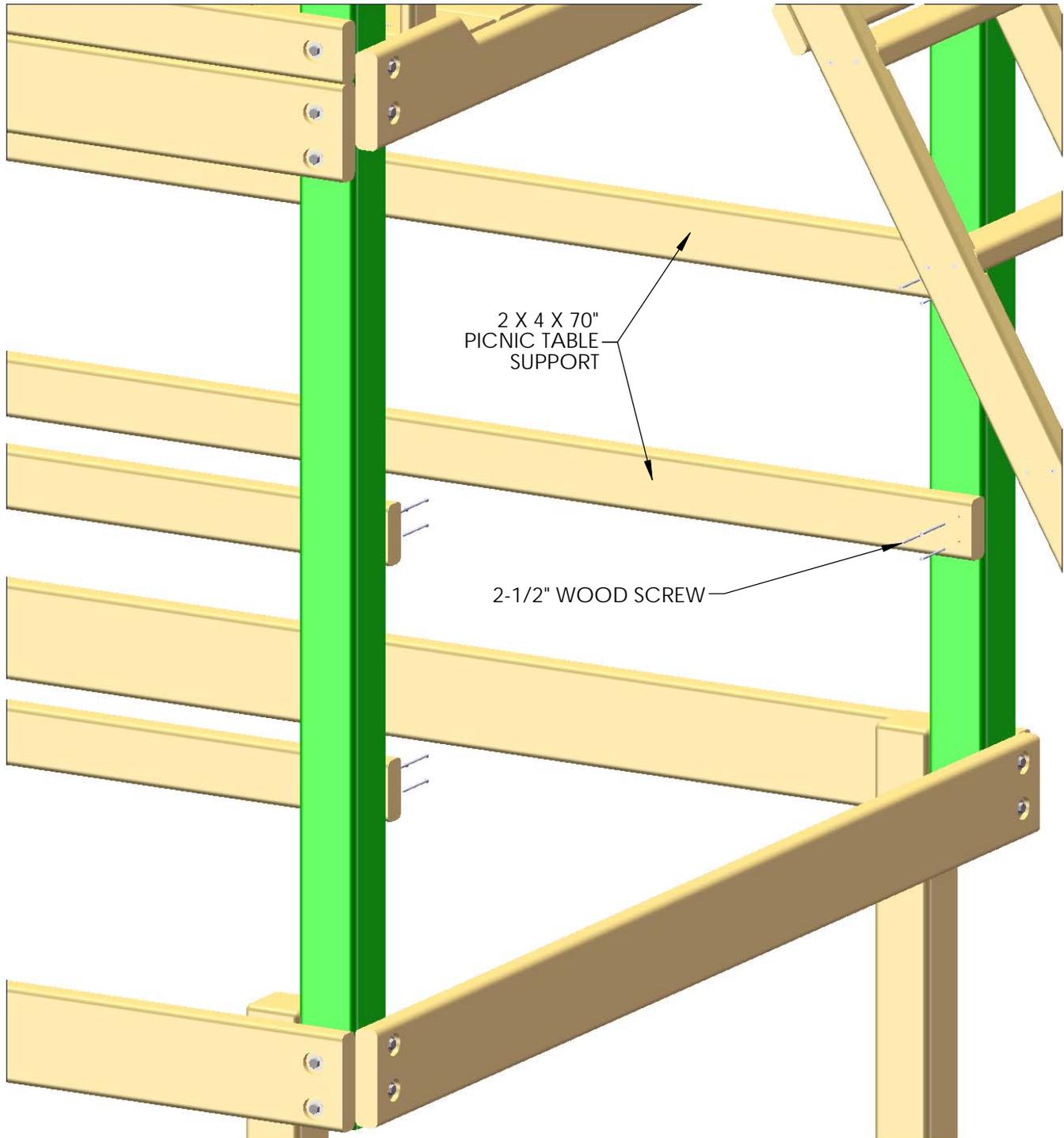
STEP 18: TARP

- 1: LAY TARP CENTERED ACROSS TARP BOARDS MAKING SURE THE HEM SIDE IS DOWN.
- 2: BEGINNING WITH THE FRONT RIGHT SIDE CORNER, ATTACH THROUGH GROMMET WITH ONE 1-1/4" PAN HEAD SCREW.
- 3: PULL THE TARP TIGHT AND SCREW IN THE LEFT FRONT SIDE CORNER.
- 4: ALTERNATE SIDE TO SIDE, KEEPING THE TARP TIGHT AND WRINKLE-FREE WHILE ATTACHING TARP THROUGH THE REST OF THE GROMMETS.



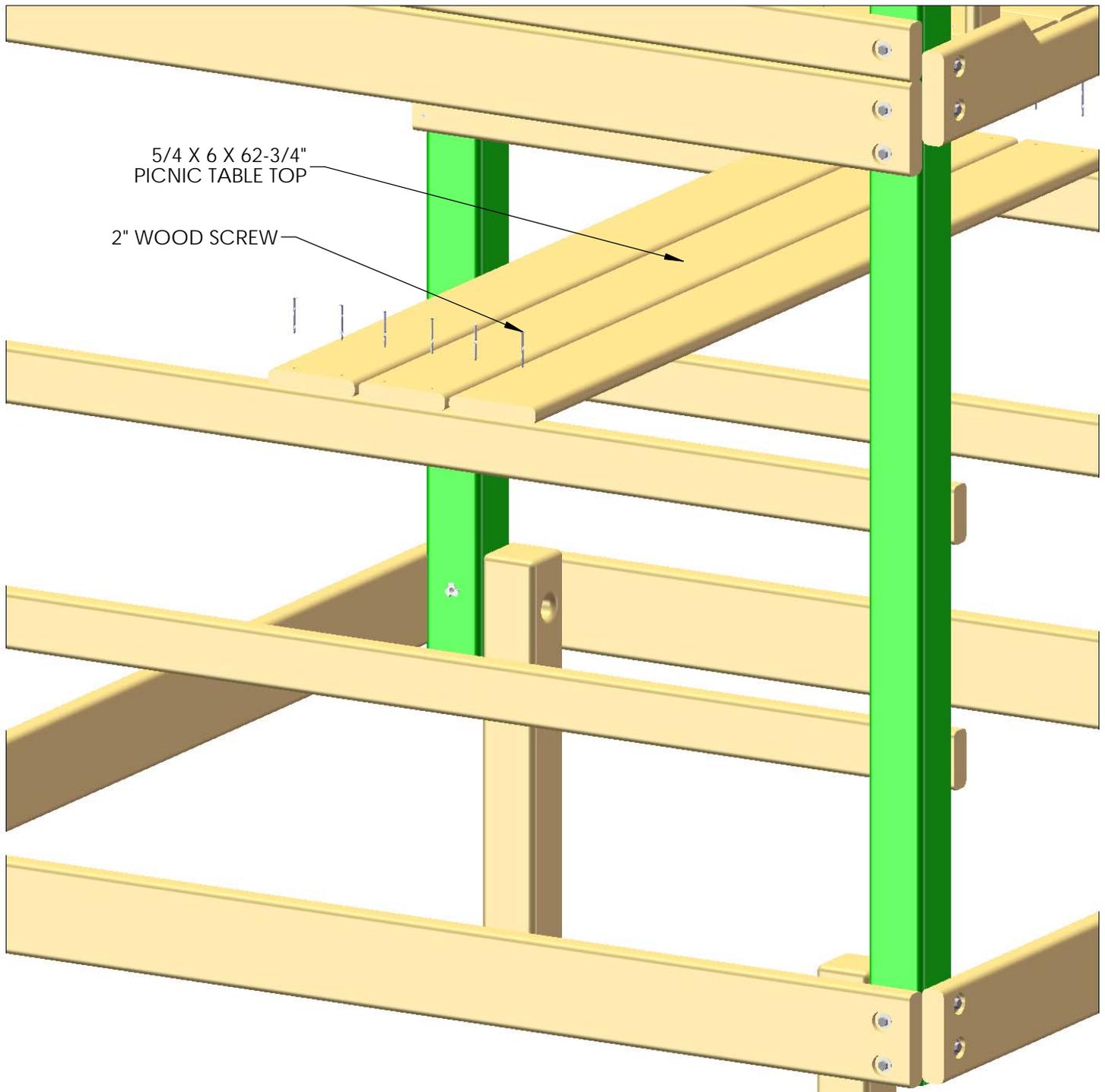
STEP 19: PICNIC TABLE

- 1: MEASURE 18" FROM THE GROUND UP AND MARK THIS POINT ON THE CORNERPOST.
- 2: ATTACH THE PICNIC TABLE SUPPORT TO THE INSIDE OF THE CORNER POST SO THAT THE TOP IS AT 18" FROM THE GROUND. ATTACH IT WITH THREE 2-1/2" WOOD SCREWS IN EACH END.
- 1: MEASURE 30" FROM THE GROUND UP AND MARK THIS POINT ON THE CORNERPOST.
- 2: ATTACH THE PICNIC TABLE SUPPORT TO THE INSIDE OF THE CORNER POST SO THAT THE TOP IS AT 30" FROM THE GROUND. ATTACH IT WITH THREE 2-1/2" WOOD SCREWS IN EACH END.
- 3: REPEAT THESE STEPS FOR THE OPPOSITE SIDE OF THE PLAYSET.



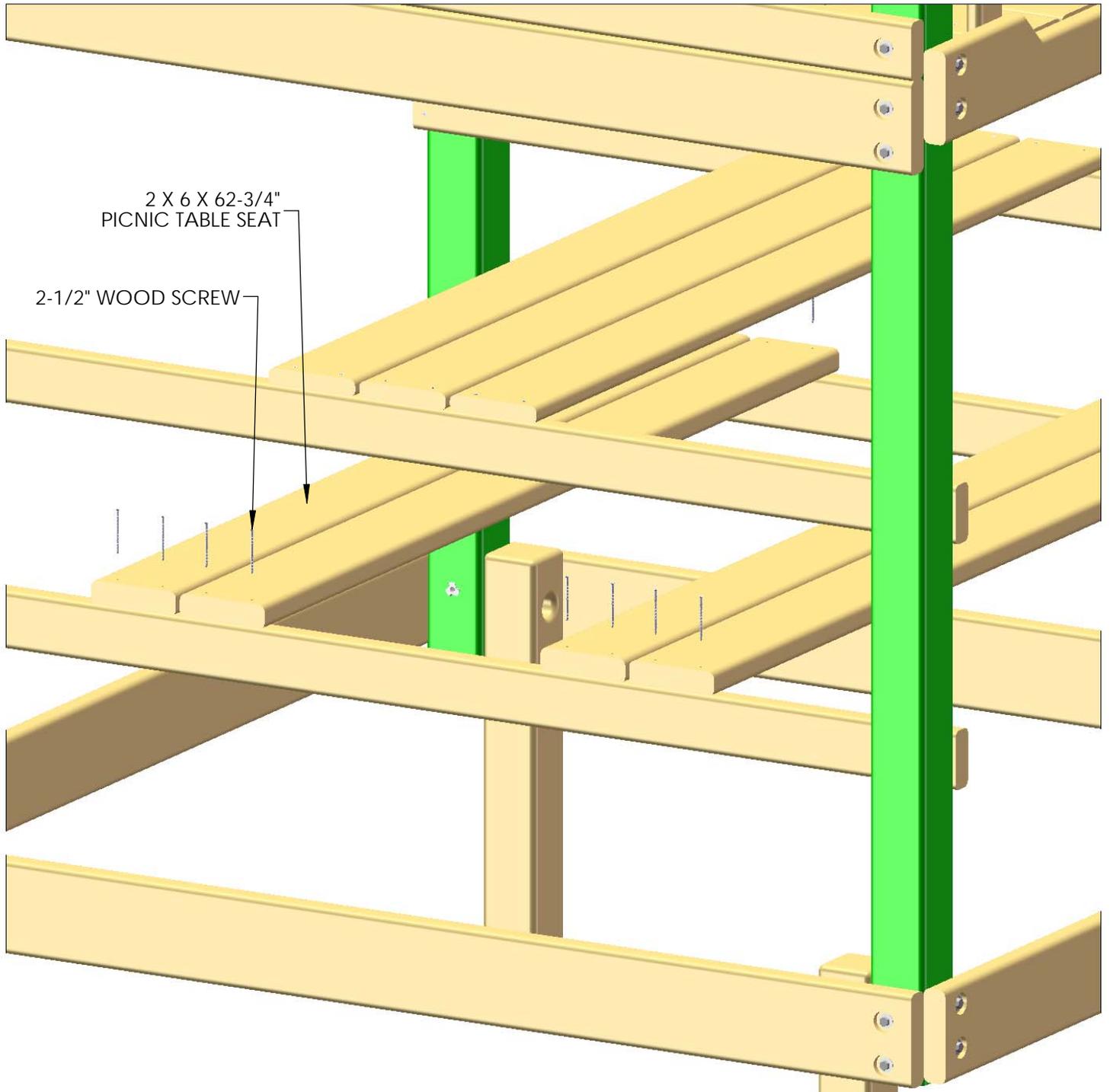
STEP 20: PICNIC TABLE

- 1: PLACE ONE 5/4 X 6 X 62-3/4" PICNIC TABLE TOP ON THE CENTER OF THE TOP PICNIC SUPPORT BOARDS.
- 2: FASTEN WITH TWO 2" WOOD SCREWS PER END.
- 3: PLACE ONE 5/4 X 6 X 62-3/4" PICNIC TABLE TOP ON EACH SIDE OF THE CENTERED PICNIC TABLE TOP. LEAVE APPROXIMATELY 1/4" BETWEEN THE BOARDS.
- 4: FASTEN WITH TWO 2" WOOD SCREWS PER END.



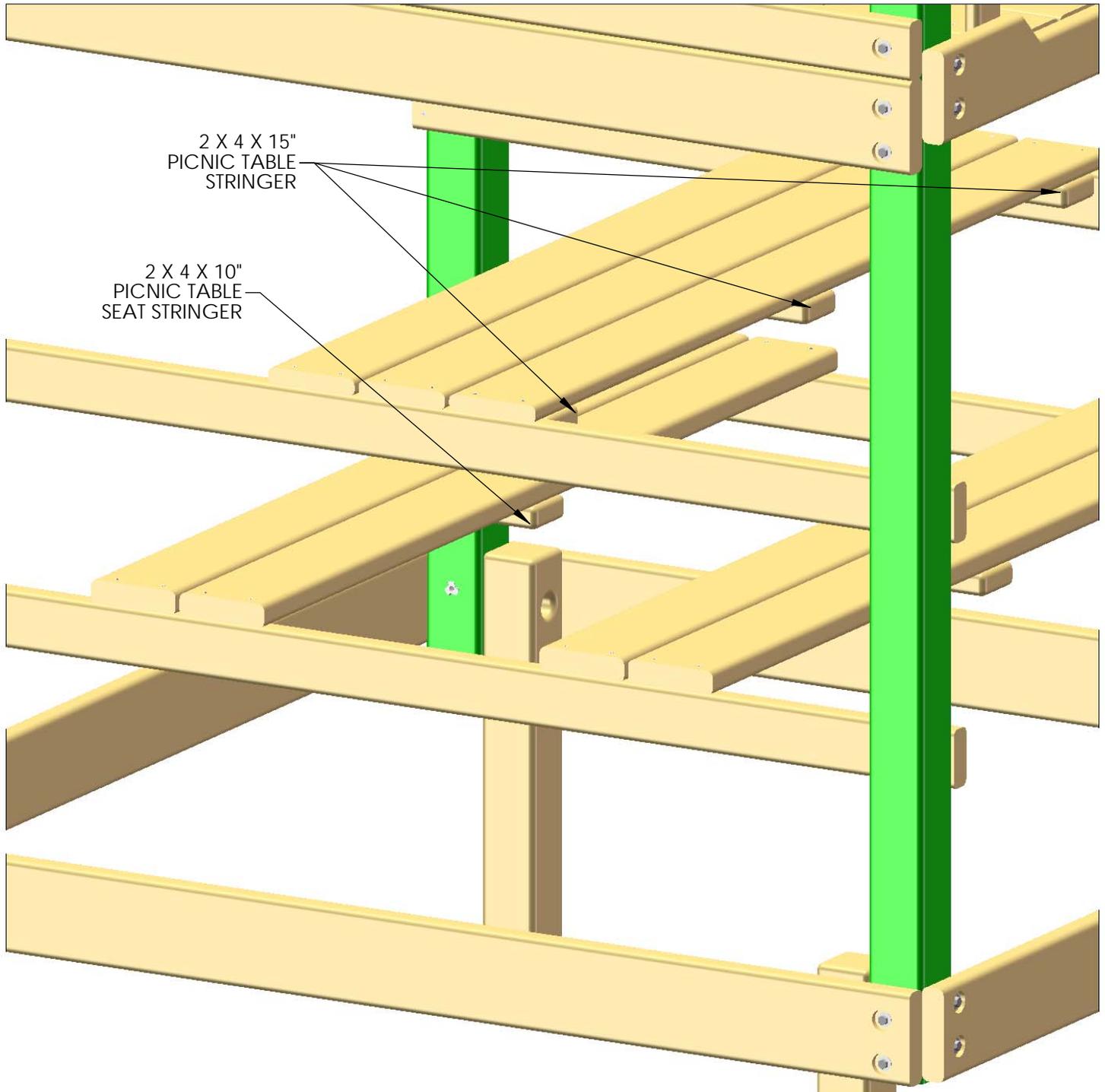
STEP 21: PICNIC TABLE

- 1: PLACE ONE 2 X 6 X 62-3/4" PICNIC TABLE SEAT ON THE BOTTOM PICNIC TABLE SUPPORT BOARDS, APPROXIMATELY 1/4" FROM THE LAST PICNIC TABLE TOP BOARD.
- 2: FASTEN WITH TWO 2-1/2" WOOD SCREWS PER END.
- 3: PLACE ONE 2 X 6 X 62-3/4" PICNIC TABLE SEAT BESIDE THE PREVIOUSLY INSTALLED PICNIC TABLE SEAT. LEAVE APPROXIMATELY 1/4" BETWEEN THE BOARDS.
- 4: FASTEN WITH TWO 2-1/2" WOOD SCREWS PER END.
- 5: REPEAT FOR OTHER SIDE OF FORT.



STEP 22: PICNIC TABLE

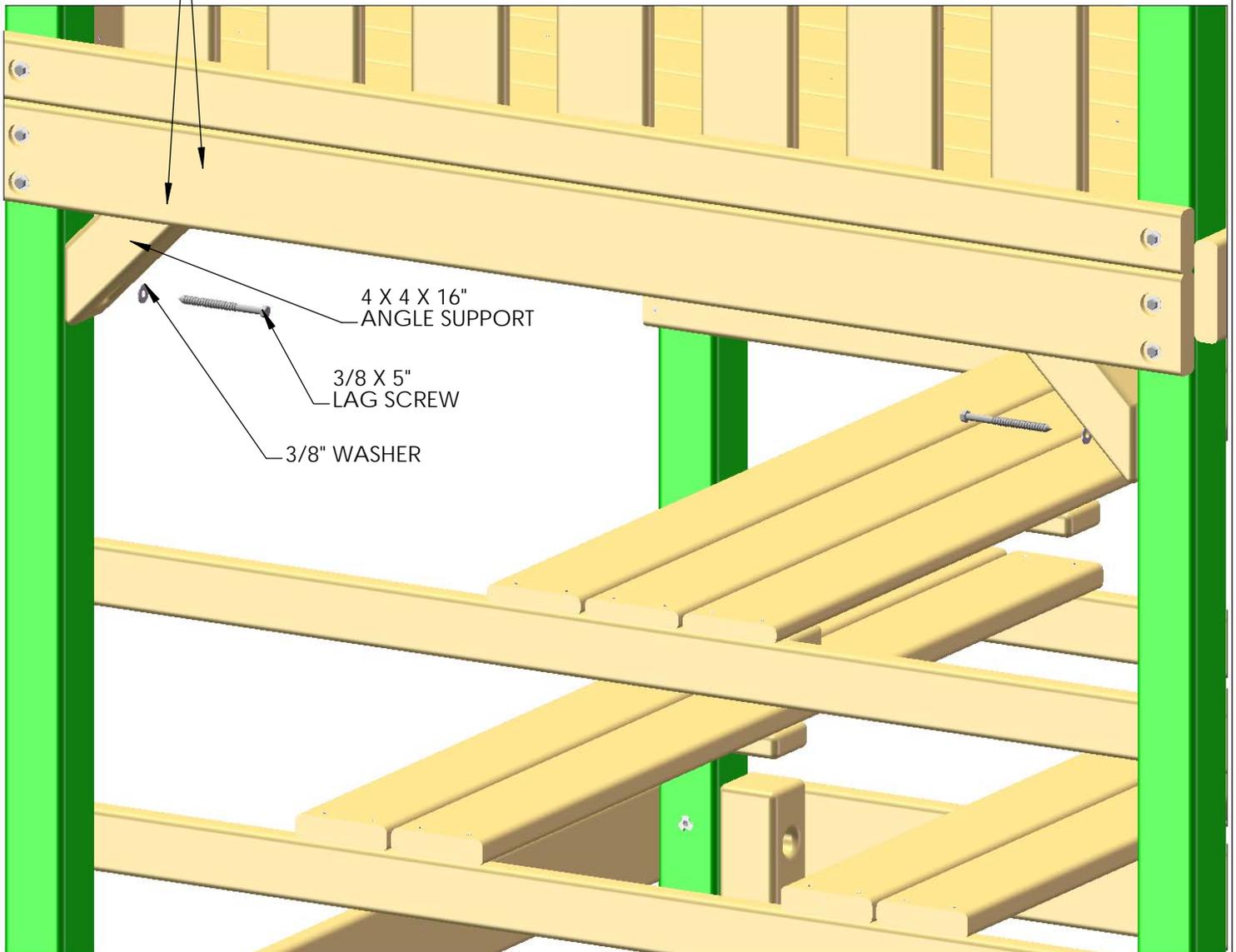
- 1: PLACE THE 2 X 4 X 10" PICNIC TABLE SEAT STRINGER UNDERNEATH THE PICNIC TABLE SEATS ON CENTER.
- 2: ATTACH WITH 2" WOOD SCREWS FROM UNDERNEATH.
- 3: PLACE THE 2 X 4 X 15" PICNIC TABLE STRINGER UNDERNEATH THE CENTER OF THE PICNIC TABLE TOP ON CENTER.
- 4: ATTACH WITH 2" WOOD SCREWS FROM UNDERNEATH.
- 5: PLACE THE 2 X 4 X 15" PICNIC TABLE STRINGER UNDERNEATH THE PICNIC TABLE TOP AND AGAINST THE PICNIC TABLE SUPPORT ON BOTH SIDES.
- 6: ATTACH WITH 2" WOOD SCREWS FROM UNDERNEATH.



STEP 23: ANGLE SUPPORTS

- 1: PLACE THE 4 X 4 X 16" ANGLE SUPPORTS UNDERNEATH THE DECK AND AGAINST THE CORNER POST.
- 2: FASTEN THE ANGLE SUPPORT TO THE FORT WITH 3/8 X 5" LAG SCREWS AND 3/8" WASHERS INTO THE COUNTER-SUNK HOLES; AND TWO 2-1/2" WOOD SCREWS INTO THE 2 X 6 FROM THE OUTSIDE.
- 3: REPEAT THIS PROCESS ON ALL FOUR CORNER POSTS.

PLACE 2-1/2" WOOD SCREWS INTO THE 2 X 6 IN THESE LOCATIONS ON ALL ANGLE SUPPORTS TO SECURE TO THE FORT.



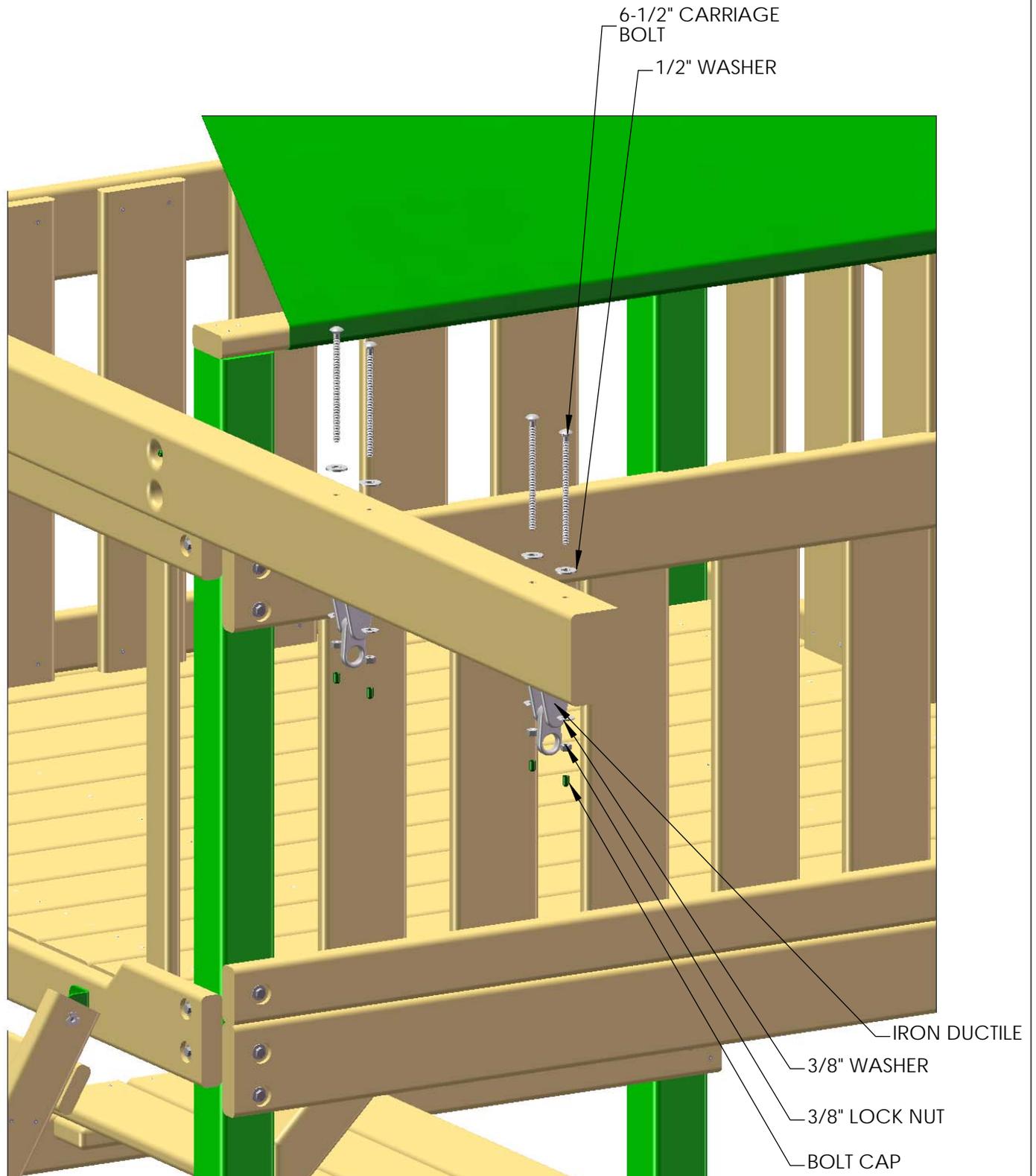
STEP 24: IRON DUCTILES

1: LINE UP THE HOLES OF THE IRON DUCTILES WITH THE HOLES IN THE SWINGBEAM.

2: FASTEN THE SWING HANGER TO THE SWING BEAM USING 6-1/2" CARRIAGE BOLTS WITH 1/2" WASHERS, AND 3/8" WASHERS WITH 3/8" LOCK NUTS.

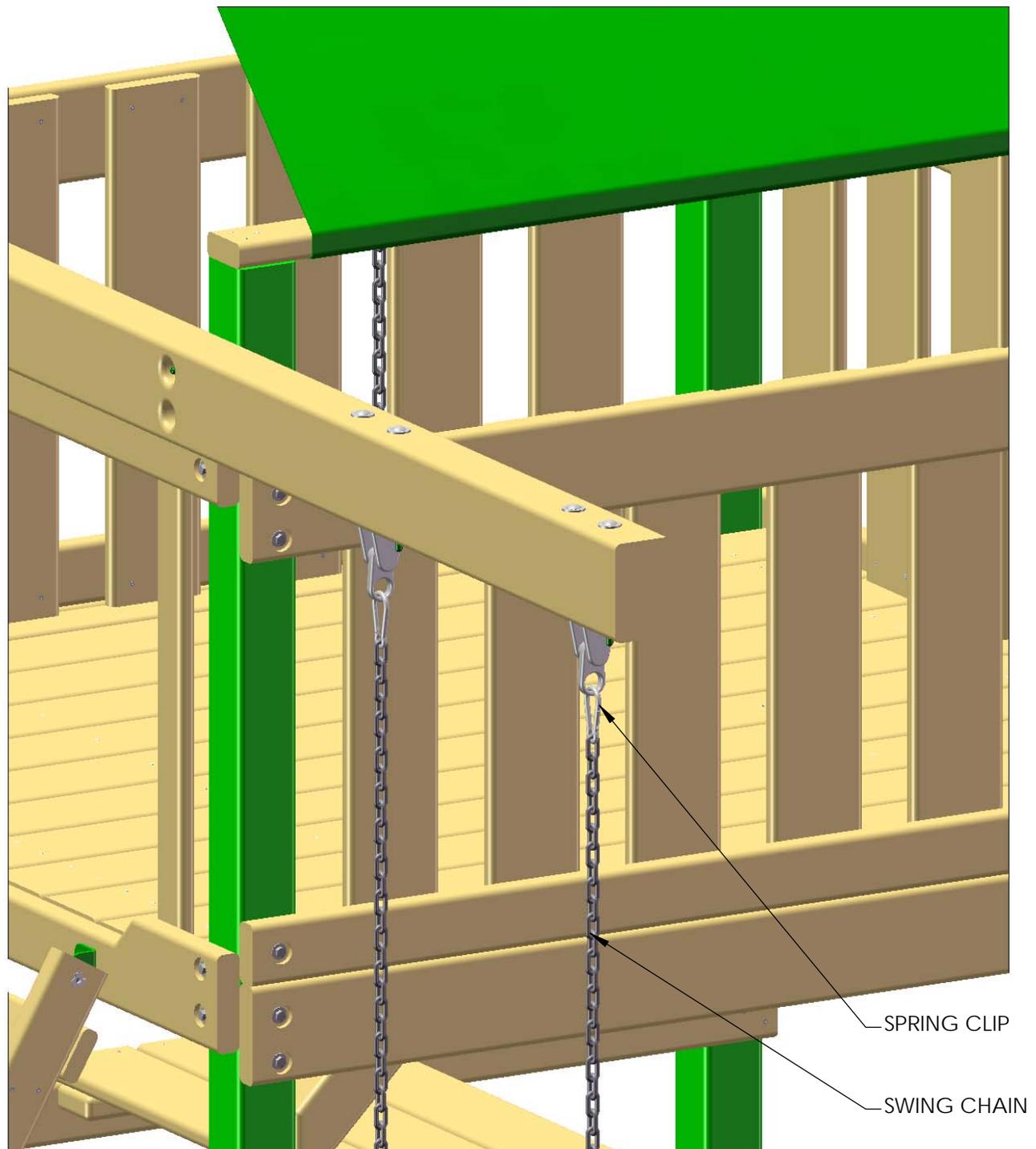
3: PLACE BOLT CAPS OVER EXPOSED THREADS.

4: USE VICE GRIPS TO HOLD CARRIAGE BOLTS IN PLACE WHEN INSTALLING



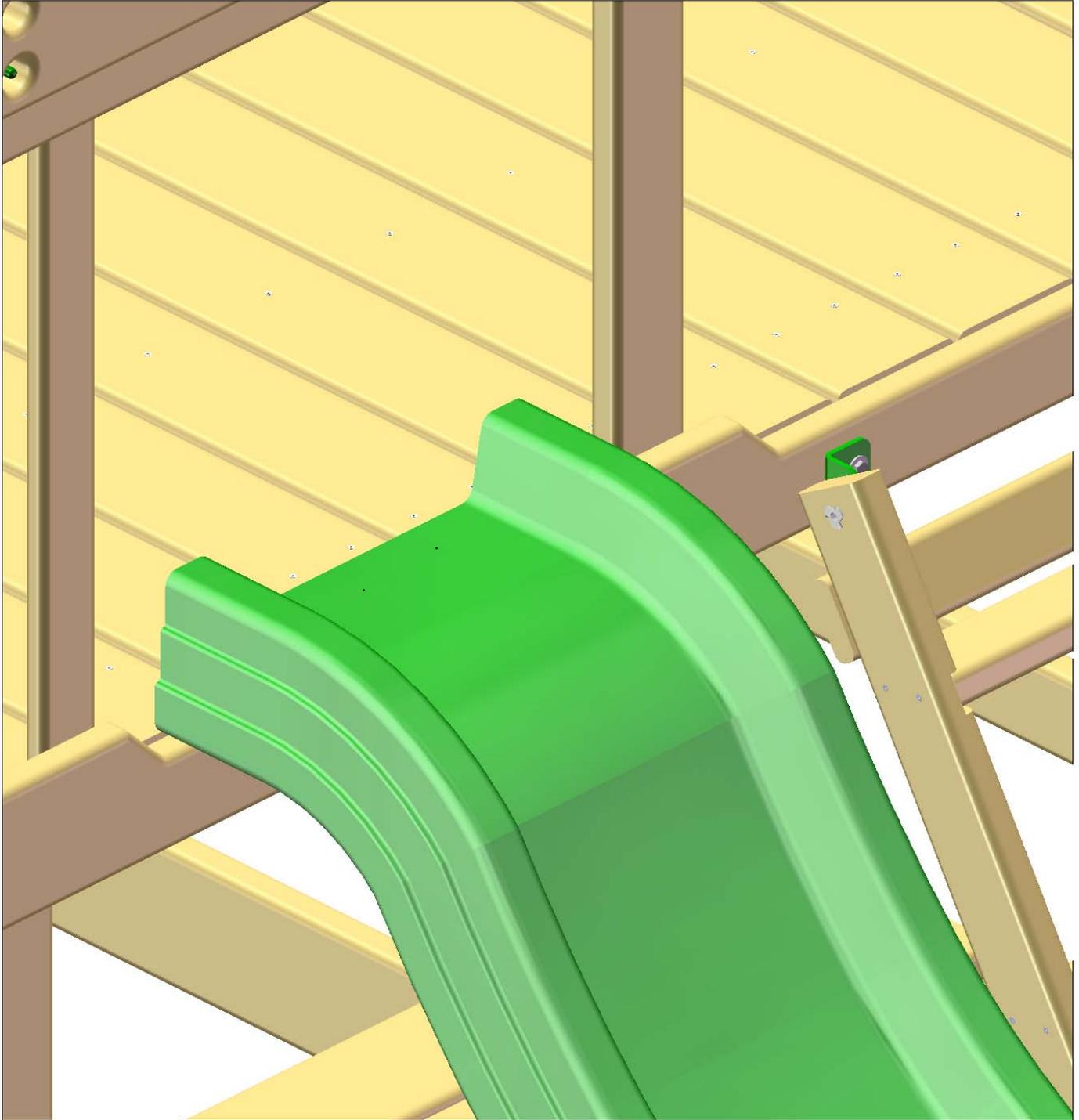
STEP 25: HANGING THE SWINGS

- 1: START BY ATTACHING ONE SPRING CLIP TO EACH IRON DUCTILE ON THE SWING BEAM.
- 2: ATTACH ONE CHAIN PER ACCESSORY TO EACH SPRING CLIP.
- 3: ADJUST HEIGHT AS NEEDED



STEP 26: MOUNTING THE SLIDE

- 1: POSITION THE SLIDE SO THAT IT RESTS FLUSH ON THE DECK BOARDS IN THE FRONT OPENING.
- 2: FASTEN TO THE FORT WITH 1-1/4" WOOD SCREWS



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