



# Grand Palace

ASSEMBLY MANUAL

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

## IMPORTANT – PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself 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.

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. Defects that develop because the product is exposed to extreme climate conditions are not covered by this warranty. Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

**Most cracks are not warrantable**, however if you believe that the integrity of your play set is compromised by this natural occurrence, please follow the warranty claim procedure found at [www.playnation.com](http://www.playnation.com). Click on the “Customer Care” tab on the left hand side of the page, then click on “Warranty Claim” and follow the instructions.

We appreciate your purchase and know that you will enjoy your play system for many years to come.

IF YOU HAVE MISSING OR DAMAGED PARTS OR NEED ASSISTANCE ASSEMBLING, PLEASE CALL PlayNation Play Systems, Inc. MANUFACTURING DIRECT.(800) 445-7529 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:**

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Check for revised instructions at [www.playnation.com/instructions.html](http://www.playnation.com/instructions.html)

## **Thank you for choosing PlayNation Play Systems, Inc.**

We've included everything you need, except tools, to build your very own professional looking play set. When complete, your new play set should far exceed the quality of play set 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 play set that doesn't compromise quality for simplicity. Yet you'll appreciate how quick and easy construction really is! Our play set kits are designed for children ages 3 to 11. PlayNation Play Systems, Inc. believes every child should have a play set and with our kits they can! You can rest assured your new play set 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 play set 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.



# Limited Manufacturers Warranty

PlayNation Play Systems, Inc. (“PlayNation”) warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions at its original installation, for 10 years for structural wood components and for one year for all other components (e.g., hardware, plastics, tarps, rope ladder, etc.)

Cosmetic defects or natural defects of wood (e.g., warping, seasonal checking or cracking, knots, or knot holes, etc.) that do not affect the structural integrity of the product are not covered by this warranty. Defects that develop because the product is exposed to extreme climate conditions, or that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading or discoloration of any part or accessory, 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 properly maintain the play set. Instructions for proper maintenance can be found on PlayNation’s website. Imperfections or defects that develop because of a failure to properly maintain the play set are not covered by this warranty.

PlayNation 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, which, at PlayNation’s discretion, may be accomplished by submitting photographs or by delivery of the defective part to PlayNation. Any warranty claim must include proof of purchase, including the 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 used for commercial, institutional or multi-family dwelling use. This warranty does not cover (a) products that have been damaged by acts of God, negligence, misuse, or accident, or that 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.

PLAYNATION 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. PLAYNATION WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is valid only in the United States of America, is nontransferable and does not extend to the owners of the product subsequent to the original purchaser, and only applies to the product as originally installed (in other words, installing the product and then later disassembling and reinstalling the product at the same or another location voids the warranty). 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 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. PlayNation 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 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.

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

## WEIGHT LIMITS FOR PlayNation Play Systems

- 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.

PlayNation 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.

## 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 525 pounds on the swing area, for a total unit capacity of 7 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 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.
- Teach children to never crawl on top of a fort roof.
- Verify that any suspended climbing ropes, chains, or cables are secured at both ends.
- Verify climbing ropes are tight enough that they cannot be wrapped 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.

**WARNING: Children must NOT use this play set until unit has been completely assembled and inspected by an adult to insure set has been properly installed.**

## 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 frequently 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.
- 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 PlayNation for warranted 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 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.
- Rake the playground surface periodically to prevent compaction and maintain appropriate depths.
- 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 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/cpscpub/pubs/325.pdf](http://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 such as the types and depths shown in the table.

## Fall Heights and Recommended 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.*

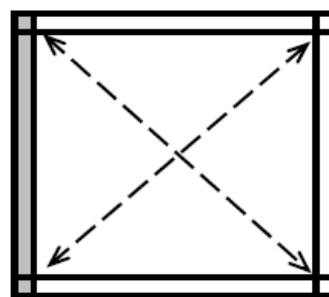
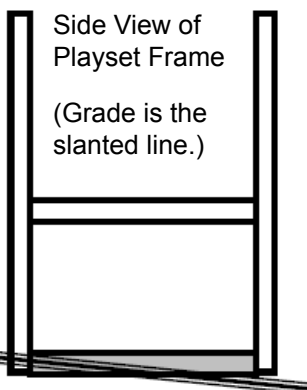
**2. Fall Zones** - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending 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 diagonally 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.**



Top View of Playset Frame showing diagonal measurements.

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 CHANNELLED FOR LEVELNESS



# General Info to Review Before Installation

- Depending on your experience, assembly of PlayNation 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 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 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 seasonally.
- 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.

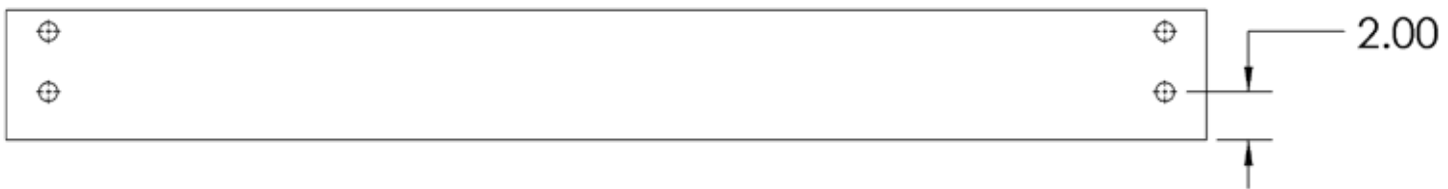
**This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.**

**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 to 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.

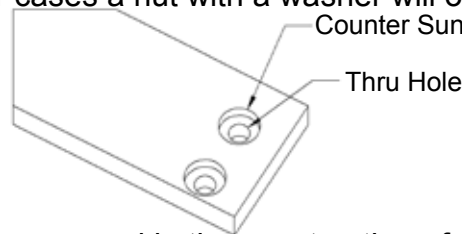
**EXAMPLE OF OFFSET HOLES DOWN**



**EXAMPLE OF OFFSET HOLES UP**



**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 itself. When using a counter-sunk hole the bolt will be inserted through the thru hole. In some cases the bolt head with a washer will occupy the counter-sunk hole. In other cases a nut with a washer will occupy the counter-sunk hole.

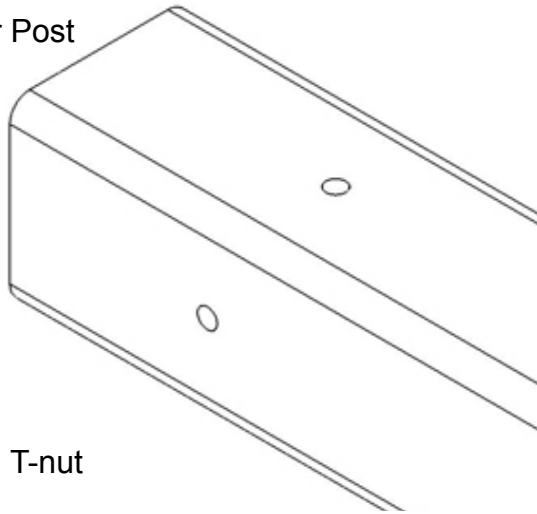


**Lag Screws-** Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be necessary to tap the head of the lag screw with a hammer. You should also be sure to tighten the lag screws 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.

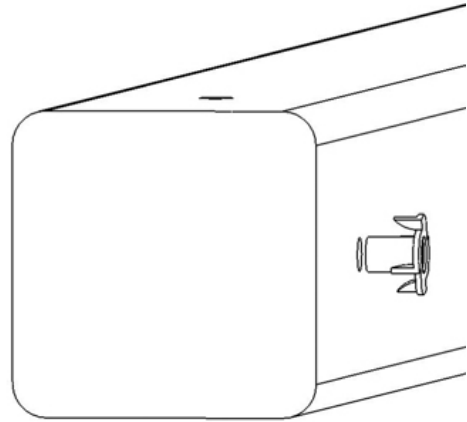
## Common Installation Practice Installing T-nuts

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

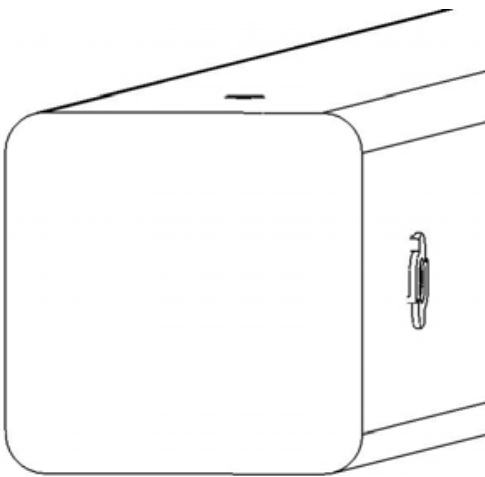
Corner Post



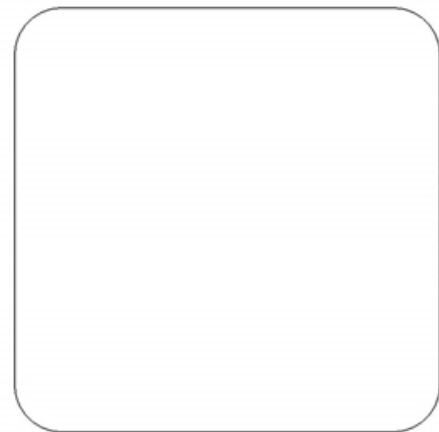
T-nut



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.

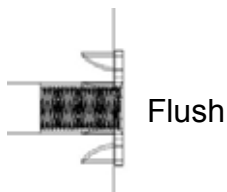


This picture shows the T-nut insert and installed flush to the wood.



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**

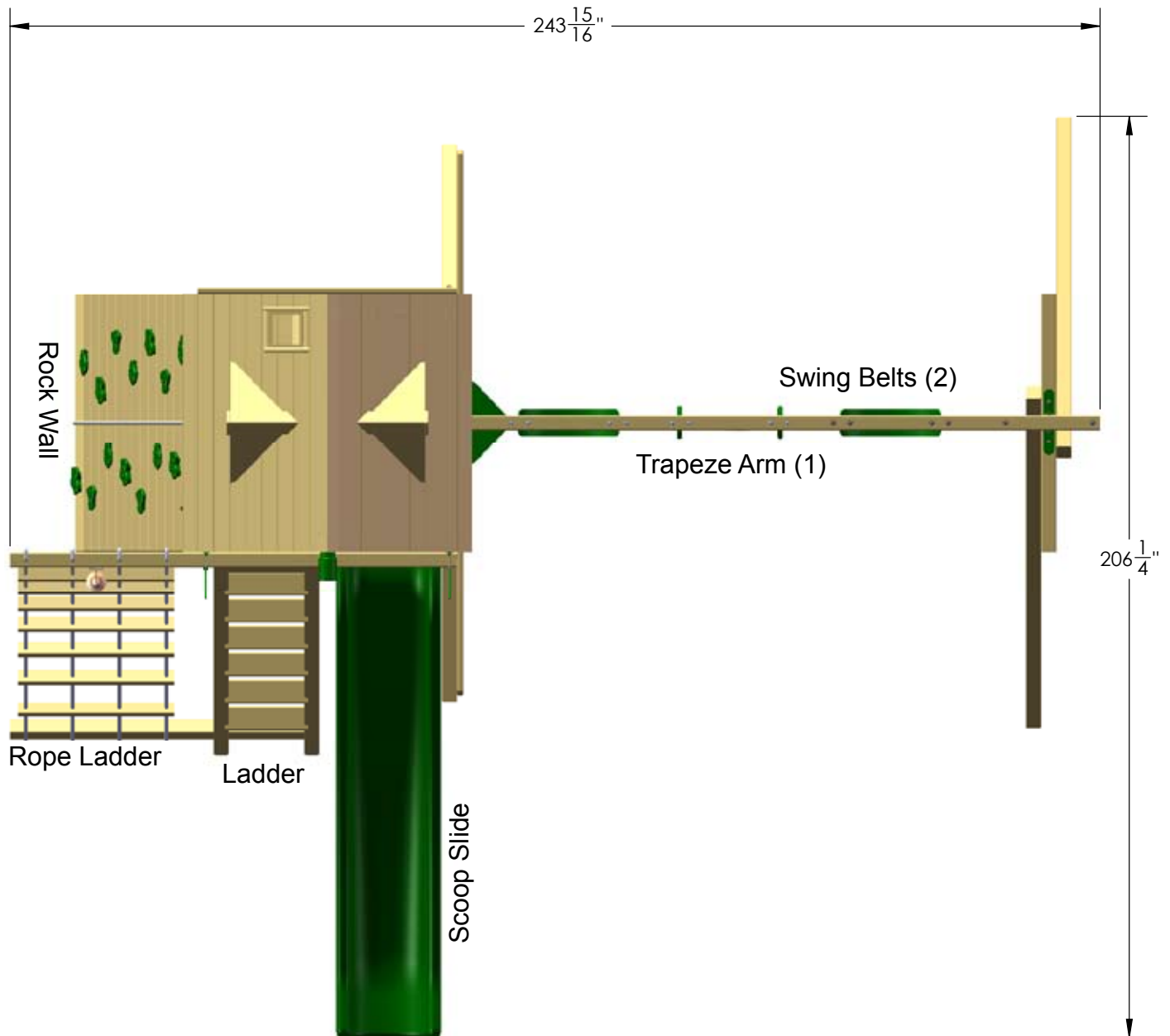


Flush

Cross Section end views, you are looking at an Xray 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.

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

## SITE PLAN:



Playset height: 13'

Approximate assembly time: 8 to 12 hours

**6 foot unobstructed safety perimeter around playset recommended**

## REQUIRED TOOL LIST:

- \_\_\_ Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
- \_\_\_ 1/8" Drill Bit
- \_\_\_ 1/4" Drill Bit
- \_\_\_ 3/8" Drill Bit
- \_\_\_ 1/2" Wrench and Socket
- \_\_\_ 1/2" 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:**

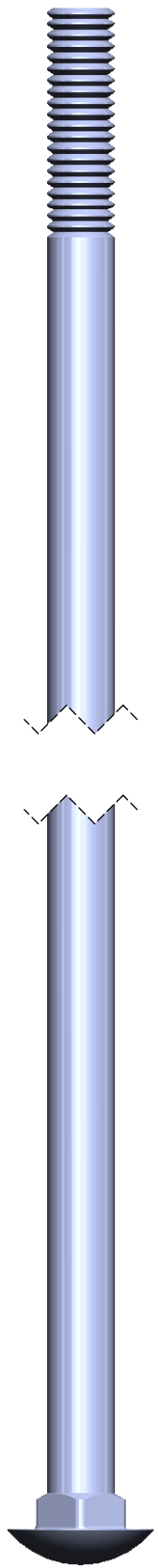
- \_\_\_ (Qty ) Description
- \_\_\_ (2) Swingbelts w/ Chains
- \_\_\_ (1) Super Scoop Slide
- \_\_\_ (1) Grand Palace Assembly Manual
- \_\_\_ (15) Rock Wall Grips (assorted colors)
- \_\_\_ (1) Trapeze Swing
- \_\_\_ (1) Telescope
- \_\_\_ (1) Dinner Bell
- \_\_\_ (1) Steering Wheel
- \_\_\_ (4) Safety Handles
- \_\_\_ (2) Flag Kit
- \_\_\_ (1) Deluxe Rope Ladder

### **Fort and Swing Beam Hardware:**

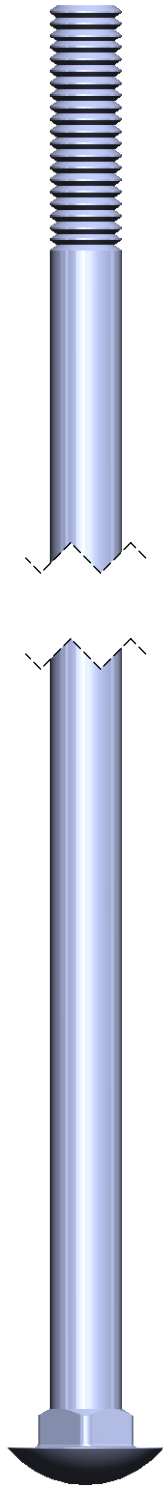
*see following pages*

### **Wood Components:**

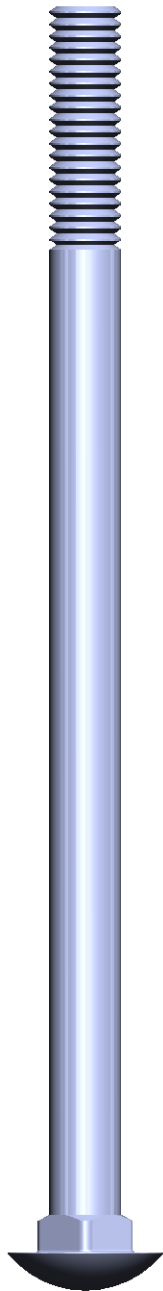
*see following pages*



3/8 x 12"  
CARRIAGE  
BOLT  
QTY: 1



3/8 x 11"  
CARRIAGE  
BOLT  
QTY: 1

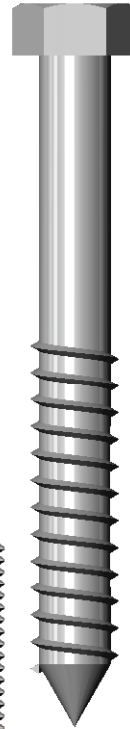


3/8 x 6-1/2"  
CARRIAGE BOLT  
QTY: 24

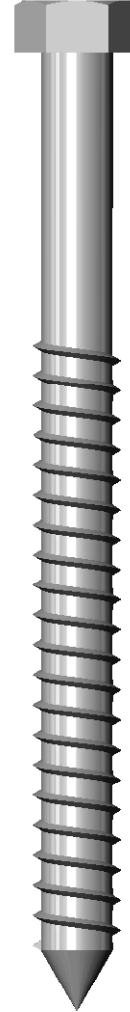


3/8 x 5-1/2"  
CARRIAGE BOLT  
QTY: 2

3/8 X 3-1/2"  
HEX LAG  
SCREW  
QTY: 79



3/8" X 5"  
HEX LAG  
SCREW QTY:  
35



#2 SQUARE  
DRIVE BIT  
QTY: 1

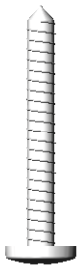


PLASTIC  
BOLT CAP  
QTY: 28

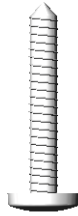
9  
8  
7  
6  
5  
4  
3  
2  
1

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.





#14 X 1-1/4"  
PAN HEAD SCREW  
QTY: 7

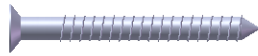


#14 x 1"  
PAN HEAD SCREW  
QTY: 4

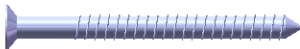


#8 x 1"  
PAN HEAD SCREW  
QTY: 8

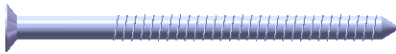
#8 X 1-1/4"  
WOOD SCREW  
QTY: 8



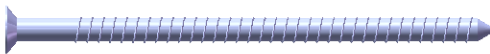
#8 X 1-1/2"  
WOOD SCREW  
QTY: 100



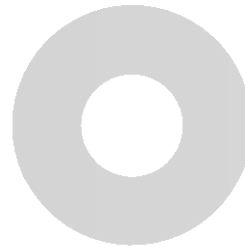
#8 X 2"  
WOOD SCREW  
QTY: 54



#8 X 2-1/2"  
WOOD SCREW  
QTY: 110



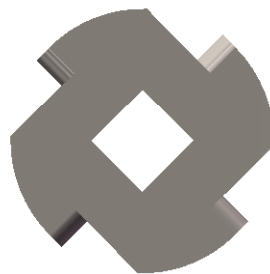
3/8" LOCK NUT  
QTY: 28



1/2" WASHER  
QTY: 3



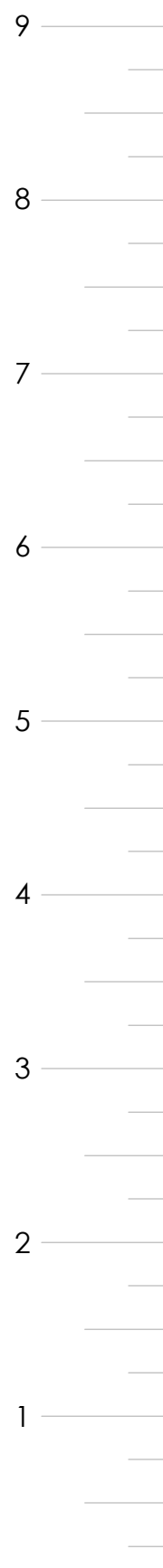
3/8" WASHER  
QTY: 142



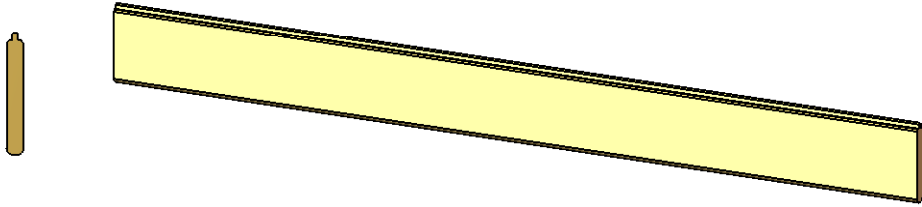
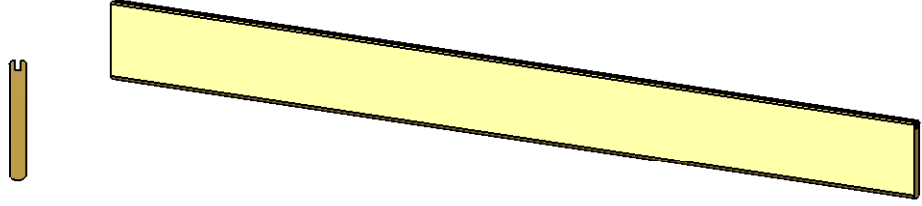
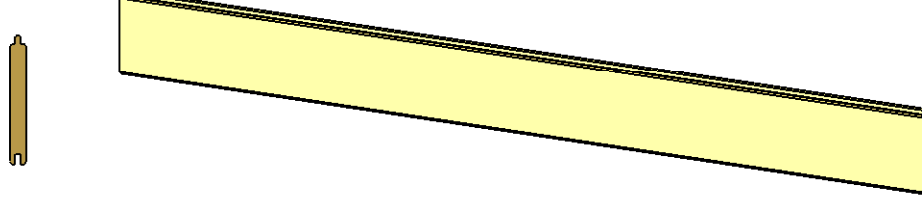
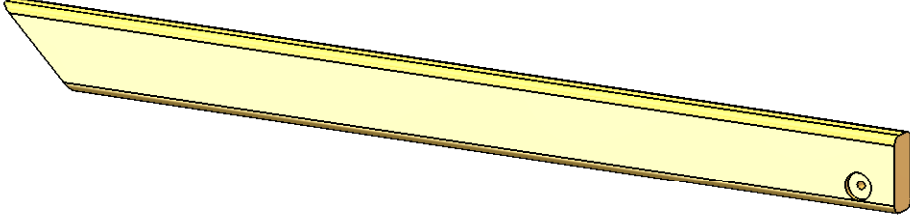
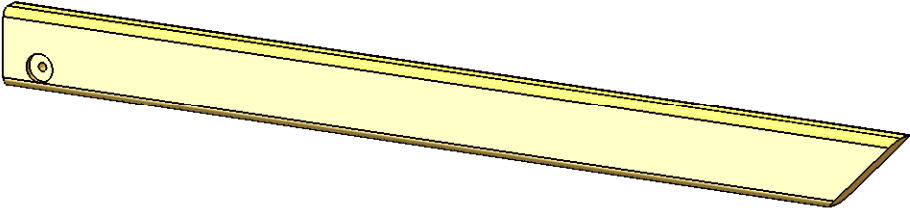
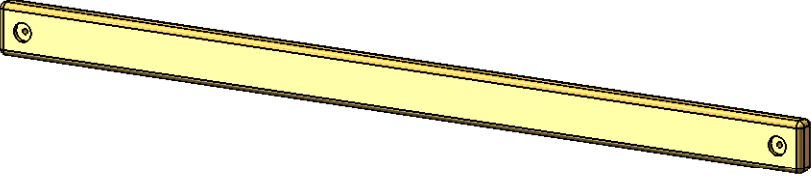
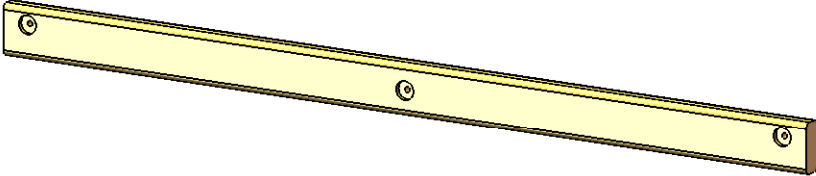
TORQUE WASHER  
QTY: 23



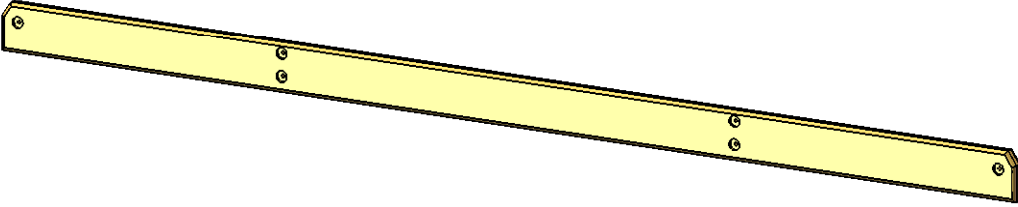
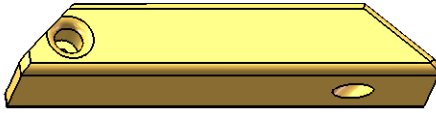



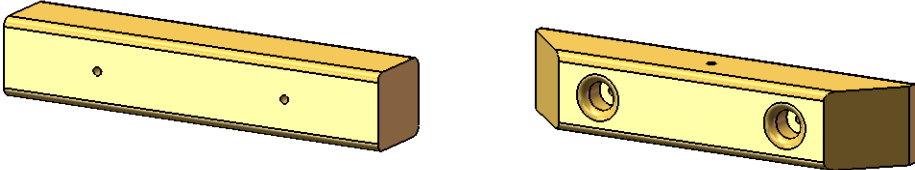
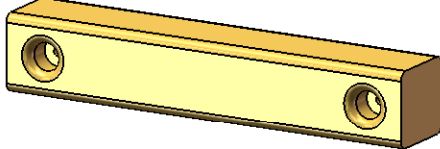
1/4"  
WASHER  
QTY: 8



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.
	<p>1 x 4-3/4 x 58" Roof Finisher (Tongue only) 90-1-5-5800-RF</p>	<p><b>2</b></p>
	<p>1 x 5 x 58" Roof Starter (Groove only) 90-1-5-5800-RS</p>	<p><b>2</b></p>
	<p>1 x 5-1/4 x 58" Roof Board (Tongue and Groove) 90-1-6-5800-RB</p>	<p><b>14</b></p>
	<p>2 x 4 x 43" Roof Support (Left) 90-2-4-4300-LRS</p>	<p><b>2</b></p>
	<p>2 x 4 x 43" Roof Support (Right) 90-2-4-4300-RRS</p>	<p><b>2</b></p>
	<p>2 x 4 x 58" Picnic Table/ Seat Support 90-2-4-5800-PTS</p>	<p><b>4</b></p>
	<p>2 x 4 x 58" Top Panel Board (End holes are offset up) 90-2-4-5800-TPB</p>	<p><b>1</b></p>

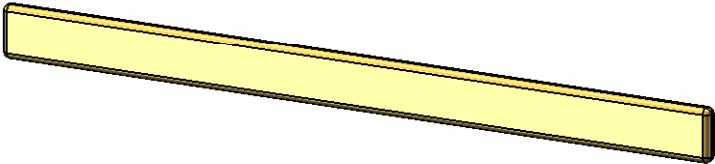
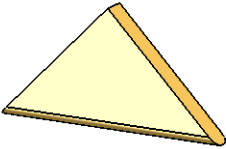
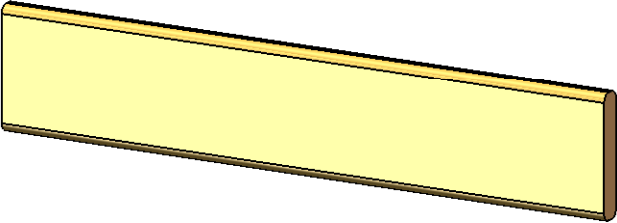
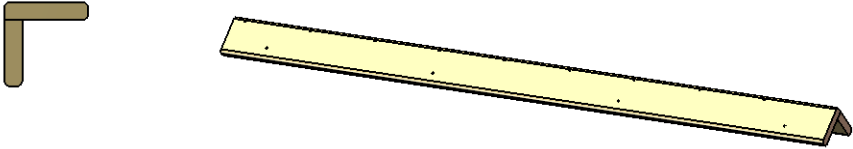
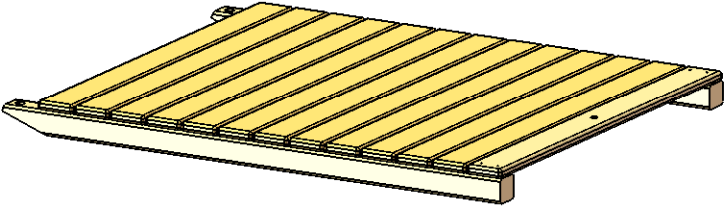
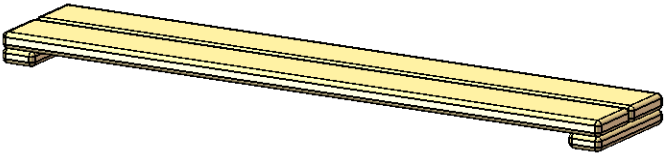
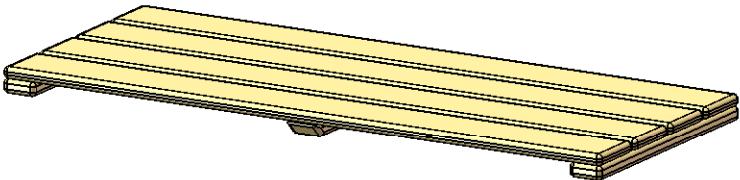
PICTURE	DESCRIPTION	QTY.
	<p>2 x 4 x 58" Top Rock Wall Board 90-2-4-5800-TB</p>	<p><b>1</b></p>
	<p>2 X 4 X 58" Center Deck Support 90-2-4-5800-CDS</p>	<p><b>2</b></p>
	<p>2 x 6 x 12-1/2" Bottom Panel Board - Left 90-2-6-1250-BPBL</p>	<p><b>1</b></p>
	<p>2 X 6 X 12-1/2" Bottom Panel Board - Right 90-2-6-1250-BPBR</p>	<p><b>1</b></p>
	<p>2 x 6 x 16" Sun 90-2-6-1600-S</p>	<p><b>2</b></p>
	<p>2 x 6 x 58" Rock Wall Board 90-2-6-5800-TB</p>	<p><b>1</b></p>
	<p>2 X 6 X 58" Sandbox Board 90-2-6-5800-SB</p>	<p><b>6</b></p>

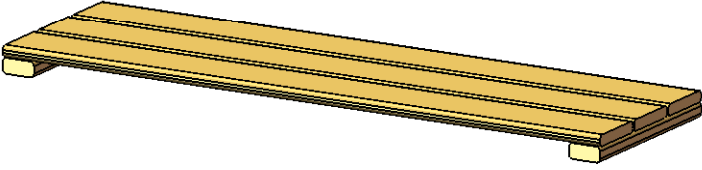
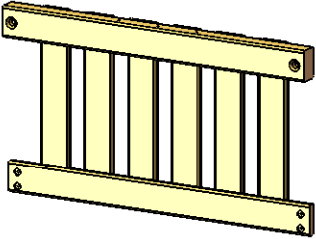
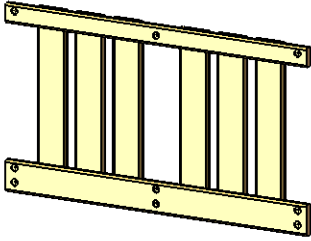
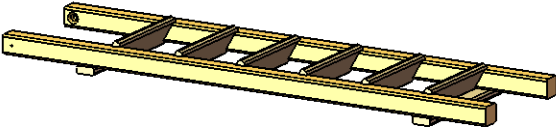
PICTURE	DESCRIPTION	QTY.
	<p>2 x 6 x 122" Sandbox Board 90-2-6-12200-SB</p>	<p><b>1</b></p>
	<p>4 x 4 x 18" Side Fort Support (Right) 90-4-4-1800-SRFS</p>	<p><b>2</b></p>
	<p>4 x 4 x 18" Side Fort Support (Left) 90-4-4-1800-SLFS</p>	<p><b>2</b></p>
	<p>4 x 4 x 18" Front/Rear Fort Support (Right) 90-4-4-1800-FRRFS</p>	<p><b>2</b></p>
	<p>4 x 4 x 18" Front/Rear Fort Support (Left) 90-4-4-1800-FRLFS</p>	<p><b>2</b></p>
	<p>4 x 4 x 18" Swing Block 90-4-4-1800-SB1</p> <p>4 x 4 x 18" Swing Block (Angled Ends) 90-4-4-1800-SB2</p>	<p><b>1</b></p> <p><b>1</b></p>
	<p>4 X 4 X 19" Block 90-4-4-1900BS</p>	<p><b>4</b></p>




PICTURE	DESCRIPTION	QTY.
	<p>4 x 4 x 43" Center Post 90-4-4-4300-CP</p>	<p><b>2</b></p>
	<p>4 x 4 x 58" Block Support 90-4-4-5800-BS</p>	<p><b>2</b></p>
	<p>4 x 4 x 58" Deck Support 90-4-4-5800-DS</p>	<p><b>2</b></p>
	<p>4 x 4 x 69" Deluxe Rope Ladder Runner 90-4-4-6900-RLR</p>	<p><b>1</b></p>
	<p>4 x 4 x 69-1/2" Angle Support 90-4-4-6950-1HAS</p>	<p><b>2</b></p>
	<p>4 x 4 x 70" Swing Leg Cross-Member 90-4-4-7000-CM</p>	<p><b>1</b></p>
	<p>4 x 4 x 120-1/2" Corner Post 90-4-4-12050-CP</p>	<p><b>4</b></p>

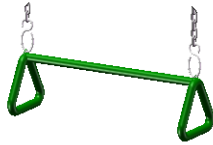
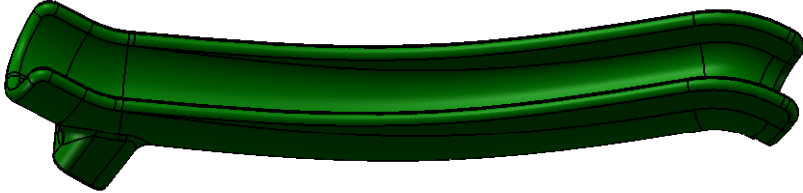
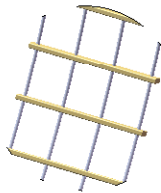


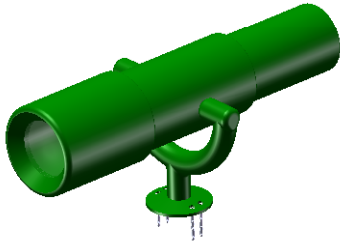

PICTURE	DESCRIPTION	QTY.
	<p>4 x 4 x 132" SwingBeam Leg 90-4-4-13200-SBL</p>	<p><b>2</b></p>
	<p>4 x 6 x 100" Rope Ladder Support 90-4-6-10000-RLS</p>	<p><b>1</b></p>
	<p>4 x 6 x 144" Swing Beam 3 Position 90-4-6-14400-SB30P</p>	<p><b>1</b></p>
	<p>5/4 x 4 x 23-3/4" Deck Spacer 90-125-4-2375-DS</p>	<p><b>4</b></p>
	<p>5/4 x 1-1/2" x 10" Small Ray 90-125-2-1000-SP</p>	<p><b>12</b></p>
	<p>5/4 x 1-1/2" x 16" Large Ray 90-125-2-1600-SP</p>	<p><b>2</b></p>
	<p>5/4 x 2-5/8" x 42" Sun Support 90-125-3-4200-SS</p>	<p><b>2</b></p>

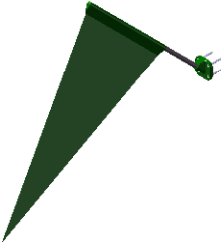



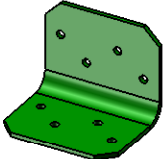


PICTURE	DESCRIPTION	QTY.
	<p>5/4 x 4 x 51" Roof End Cap 90-125-4-5100-EC</p>	<p><b>2</b></p>
	<p>5/4 x 6 x 10-1/2" Roof Peak Support 90-125-6-1000-T</p>	<p><b>2</b></p>
	<p>5/4 X 6 X 29" Panel Slat 90-125-6-2900-PS</p>	<p><b>2</b></p>
	<p>3-1/2" x 3-1/2" x 58" Roof Peak 90-1-5-5800-RP</p>	<p><b>1</b></p>
	<p>6" x 58" x 75" Rock Wall 90-5800-7500-RW</p>	<p><b>1</b></p>
	<p>2-5/8" x 10-3/4" x 57-1/2" Picnic Table Seat</p>	<p><b>2</b></p>
	<p>2-1/4" x 23-1/4" x 57-1/2" Picnic Table Top 90-1687-5750-PTB</p>	<p><b>1</b></p>

PICTURE	DESCRIPTION	QTY.
	<p>2-3/8 x 16-7/8 x 57-1/2" 3-Board Deck Panel 90-1687-5750-DB</p>	<p><b>3</b></p>
	<p>4-3/8 x 29 x 58" Swing Beam Panel 90-2900-5800-SBP</p>	<p><b>1</b></p>
	<p>2-3/8 X 29 X 58" Post Panel 90-2900-5800-PP</p>	<p><b>1</b></p>
	<p>5-3/4 x 23-3/4 x 93" Ladder 90-2375-9300-L</p>	<p><b>1</b></p>

PICTURE	DESCRIPTION	QTY.
	Climbing Rocks 07-0008	<b>15</b>
	11" x 18-3/4" Swing Beam Plate 11-5002	<b>1</b>
	2-7/16" x 5-5/8" x 5-5/8" 90° Angle Bracket 11-5012	<b>2</b>
	2-7/16" x 5-7/8" x 5-7/8" 45° Angle Bracket 11-5007	<b>2</b>
	Iron Ductile Swing Hangers 11-4012	<b>6</b>
	Spring Clip 11-4003	<b>6</b>
	Swing Belt w/Chains 04-0002 with 08-1005 chain extensions	<b>2</b>

PICTURE	DESCRIPTION	QTY.
	<p>Trapeze Bar w/Chains 04-0005 with 08-1005 chain extensions</p>	<p><b>1</b></p>
	<p>Super Scoop Slide 03-0006</p>	<p><b>1</b></p>
	<p>Rope Ladder 02-4009</p>	<p><b>1</b></p>
	<p>Dinner Bell 09-0001</p>	<p><b>1</b></p>
	<p>Steering Wheel 07-0004</p>	<p><b>1</b></p>
	<p>Telescope 07-0001</p>	<p><b>1</b></p>
	<p>Safety Handle 08-0001</p>	<p><b>4</b></p>

PICTURE	DESCRIPTION	QTY.
	<p>Flag Kit 09-1003</p>	<p><b>2</b></p>
<p>(NOT SHOWN)</p>	<p>Grand Palace Hardware Kit 11-1022</p>	<p><b>1</b></p>
<p>(NOT SHOWN)</p>	<p>Swing Beam Hardware Kit 11-2016</p>	<p><b>1</b></p>
	<p>PlayNation Logo Plate 11-4017</p>	<p><b>1</b></p>
	<p>3/4" Rope</p>	<p><b>14 ft</b></p>
	<p>Unassembled Dormers and Unassembled Chimney (In one box 01-3006)</p>	<p><b>2</b> <b>1</b></p>
	<p>2" x 2" x 2-3/4" Bracket 28-0001</p>	<p><b>2</b></p>

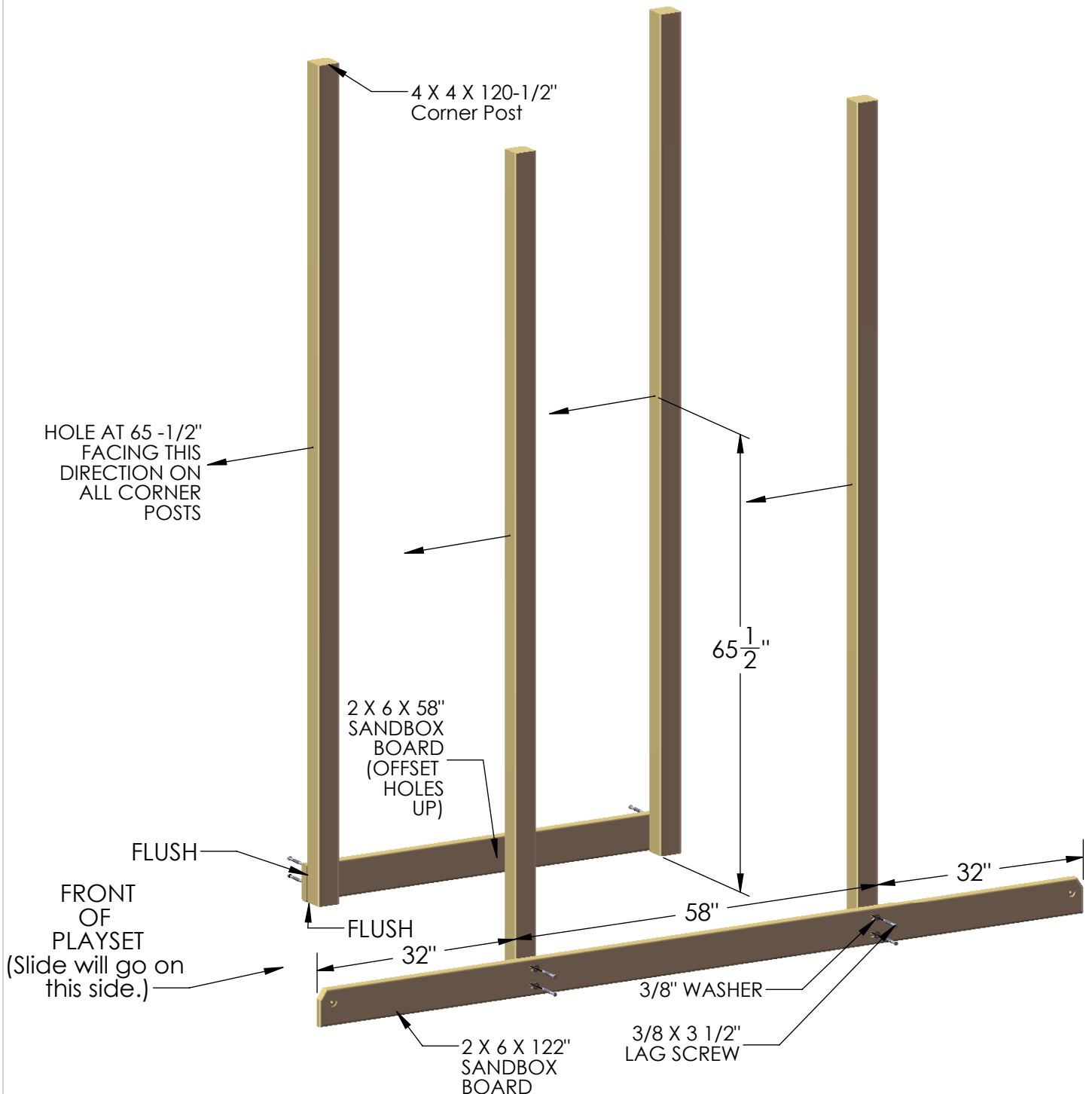
# STEP 1: CORNER POSTS

1: PLACE THE 2 X 6 X 58" SANDBOX BOARD (OFFSET HOLES UP) FLUSH WITH THE BOTTOM AND SIDE OF THE 4 X 4 X 120-1/2" CORNER POSTS. MEASURE THE CORNER POSTS AND MAKE SURE THAT THE HOLE IN THE CORNER POSTS ARE AT 65-1/2" FROM THE GROUND, AND THAT THEY ARE FACING THE RIGHT DIRECTION.

2: MAKE SURE THAT THE CORNER POSTS ARE SQUARE TO THE 58" SANDBOX BOARD AND ATTACH WITH 3/8 X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: PLACE THE 2 X 6 X 122" SANDBOX BOARD (OFFSET HOLES UP) FLUSH WITH THE BOTTOM OF THE 4 X 4 X 120-1/2" CORNER POSTS. THE CORNER POSTS SHOULD HAVE AN OUTSIDE DIMENSION OF 58". THE APPROXIMATELY 32" OVERHANG ON EACH SIDE SHOULD BE EQUAL.

4: MAKE SURE THAT THE CORNER POSTS ARE SQUARE TO THE 122" SANDBOX BOARD AND ATTACH WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

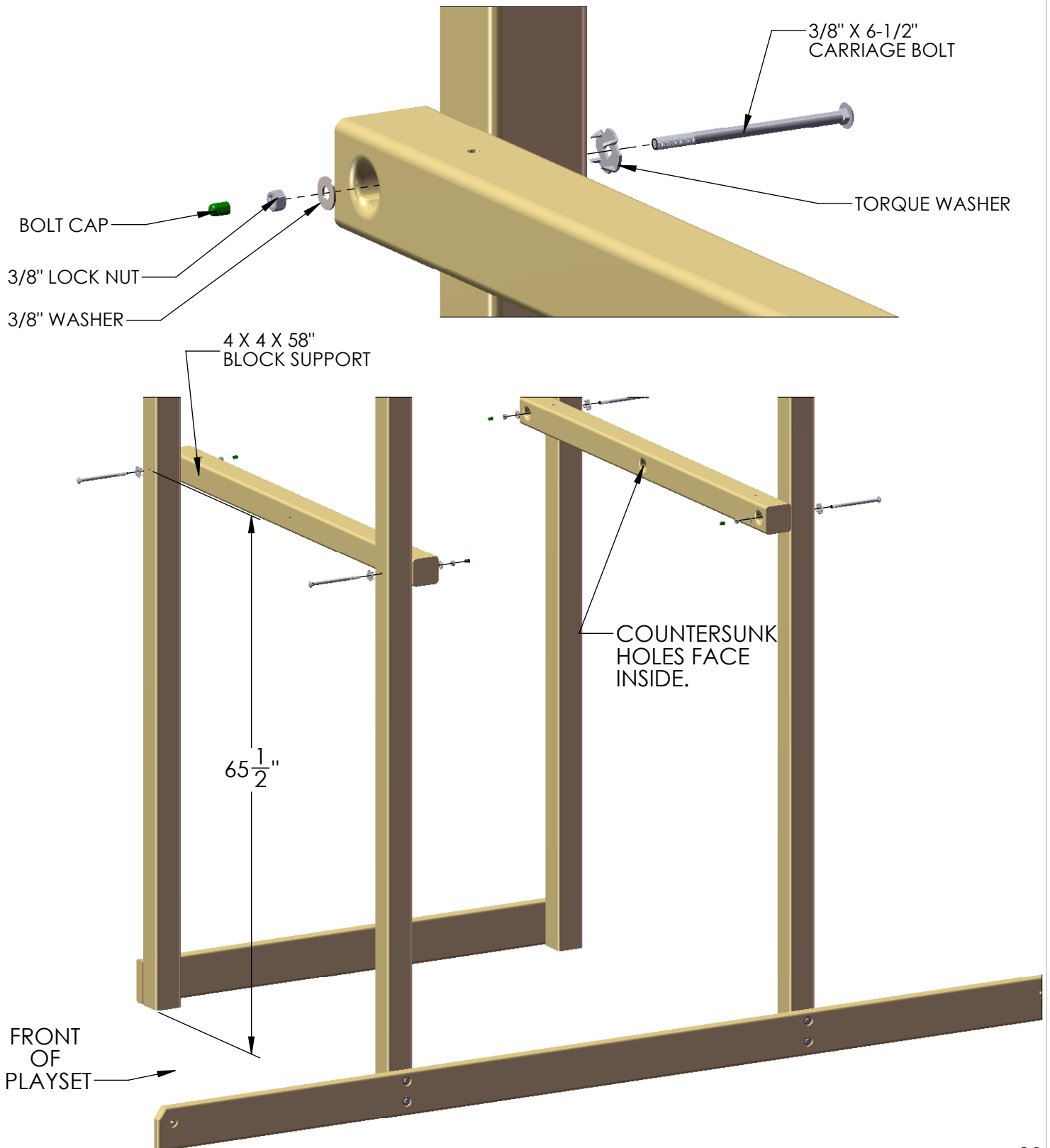




## STEP 2: BLOCK SUPPORTS

1: PLACE THE 4 X 4 X 58" BLOCK SUPPORTS FLUSH TO THE INSIDE OF THE CORNER POSTS, LINING UP THE PILOT HOLES AT  $65\frac{1}{2}$ " WITH THE COUNTER-SUNK HOLES ON THE ENDS OF THE BLOCK SUPPORT.

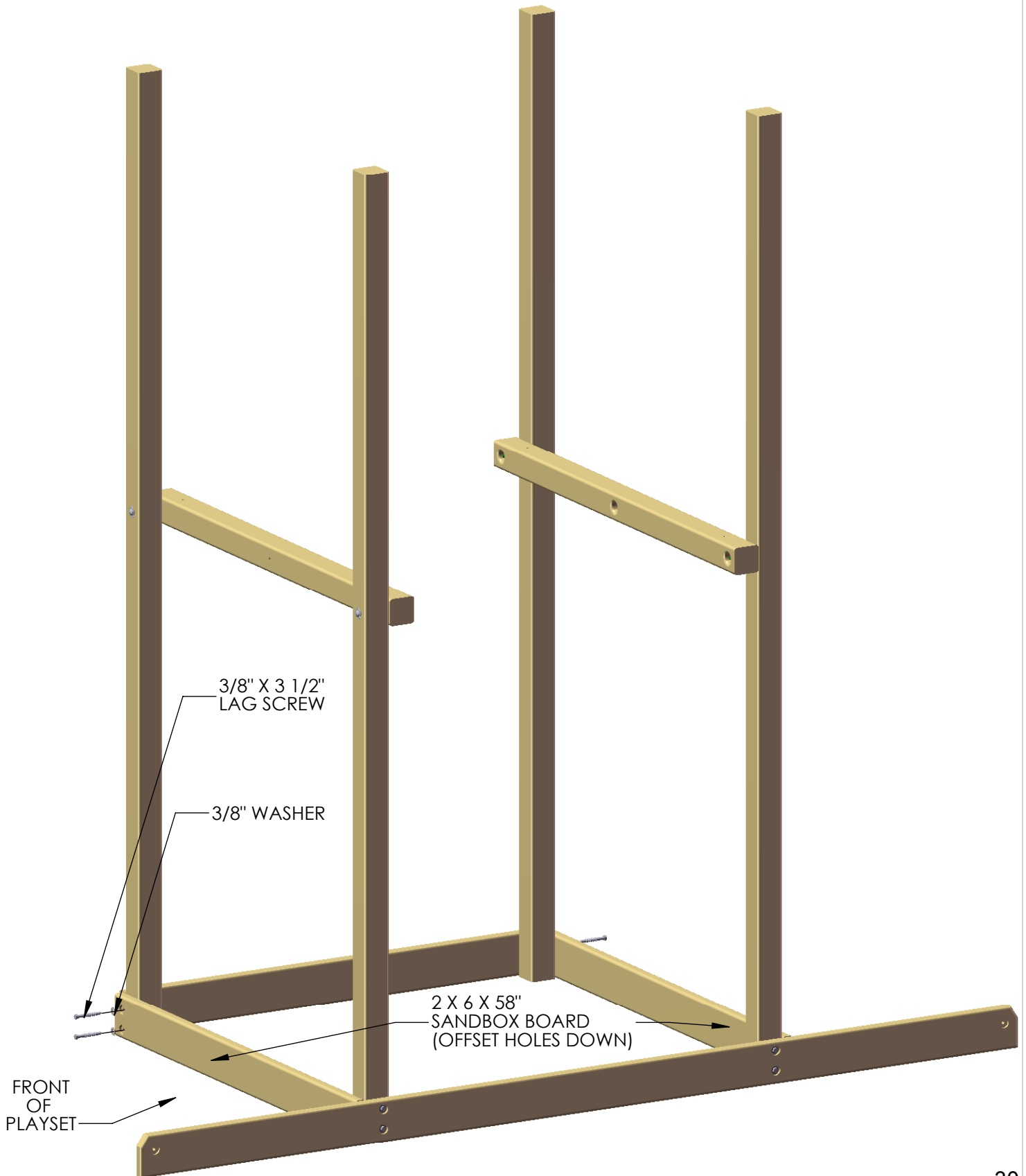
2: FASTEN THE BLOCK SUPPORTS TO THE CORNER POSTS USING  $\frac{3}{8}$ " X  $6\frac{1}{2}$ " CARRIAGE BOLTS WITH TORQUE WASHERS FROM THE OUTSIDE, AND  $\frac{3}{8}$ " LOCK NUTS WITH  $\frac{3}{8}$ " WASHERS ON THE INSIDE. USE GREEN BOLT CAPS TO COVER ANY EXPOSED THREADS. MAKE SURE THE COUNTER-SUNK HOLES ARE FACING TO THE INSIDE OF THE UNIT.



## STEP 3: SANDBOX BOARDS

1: PLACE THE REMAINING 2 X 6 X 58" SANDBOX BOARDS FLUSH WITH THE BOTTOM OF THE CORNER POSTS WITH OFFSET HOLES DOWN. MAKE SURE THE SANDBOX BOARDS ARE SQUARE TO THE CORNER POSTS.

2: FASTEN THE SANDBOX BOARDS TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

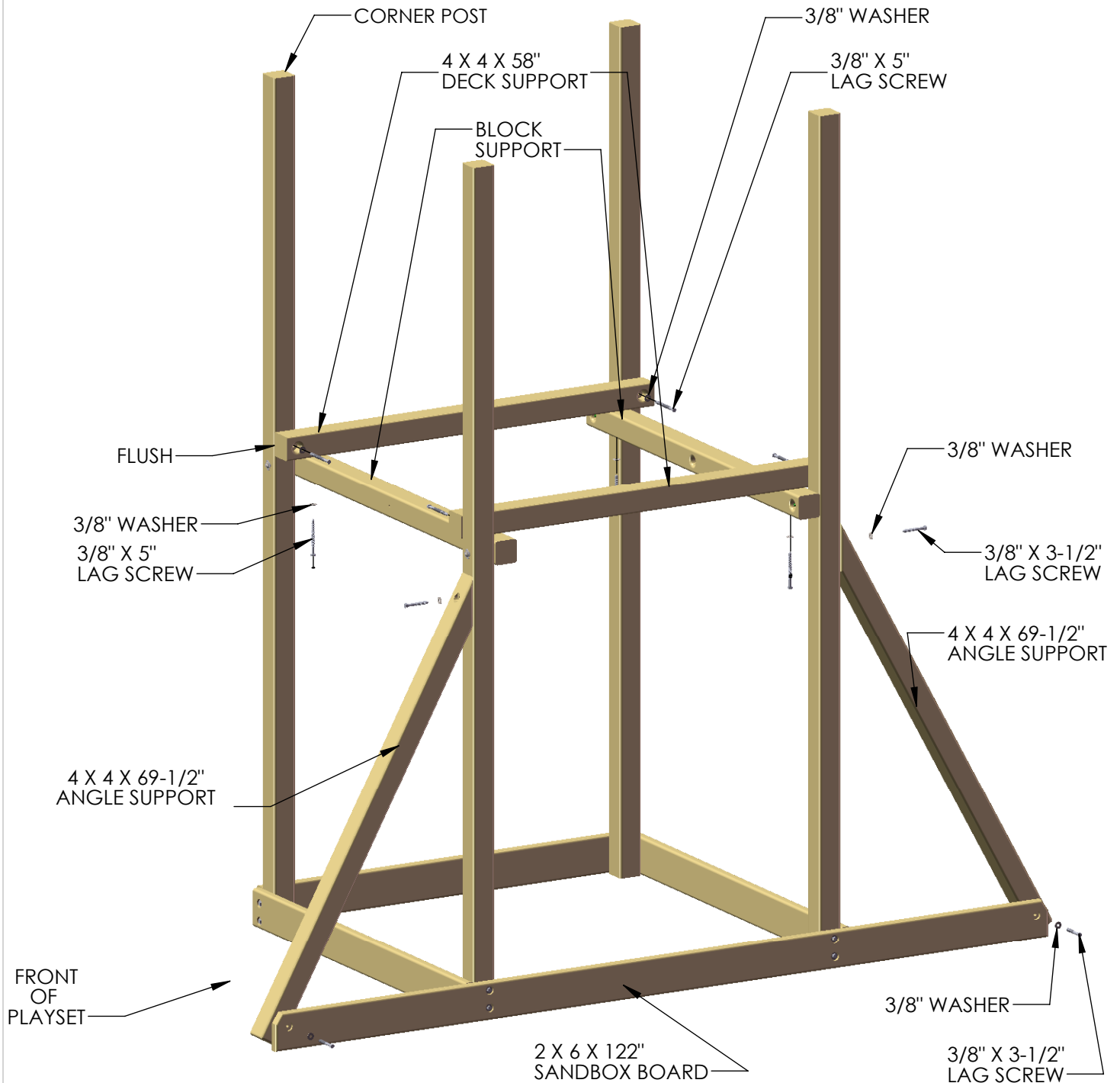


## STEP 4: DECK & ANGLE SUPPORTS

1: PLACE THE 4 X 4 X 58" DECK SUPPORTS ON TOP OF THE BLOCK SUPPORTS. MAKE THE END OF THE DECK SUPPORT FLUSH WITH THE SIDE OF THE CORNER POST.

2: FASTEN THE DECK SUPPORTS TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS FROM THE INSIDE. FASTEN DECK SUPPORTS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS FROM UNDERNEATH.

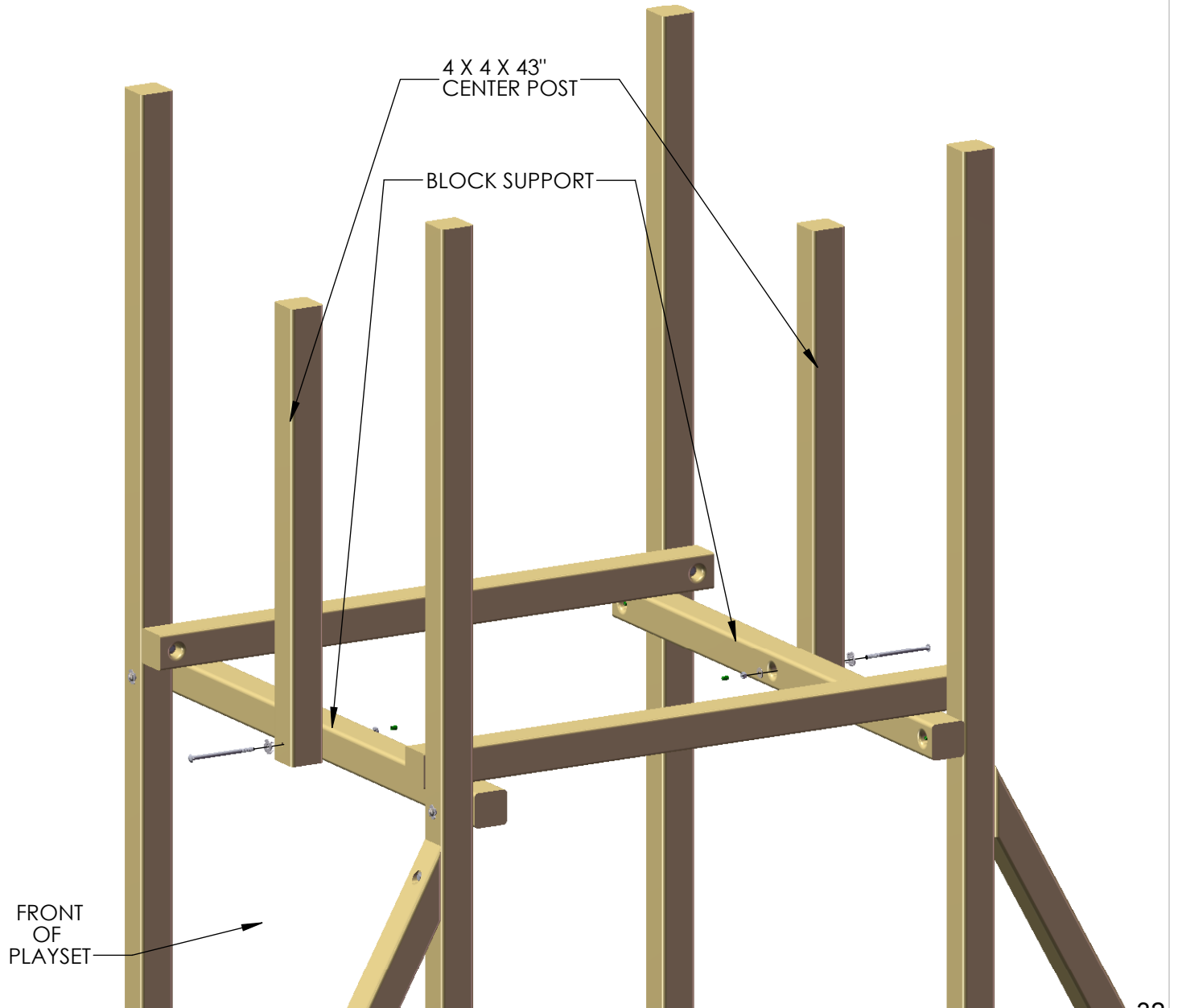
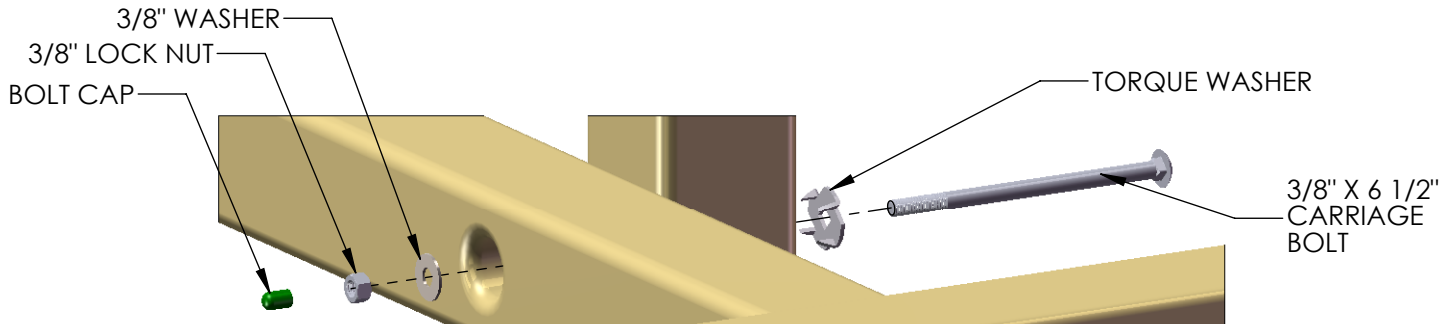
3: FASTEN THE 4 X 4 X 69-1/2" ANGLE SUPPORTS TO THE CORNER POSTS AND THE 2 X 6 X 122" SANDBOX BOARD WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 5: CENTER POSTS

1: PLACE THE END OF THE 4 X 4 X 43" CENTER POSTS FLUSH TO THE BOTTOM OF THE BLOCK SUPPORTS. LINE UP THE PILOT HOLES AT THE CENTER OF THE BLOCK SUPPORTS WITH THE PILOT HOLES IN THE END OF THE CENTER POSTS.

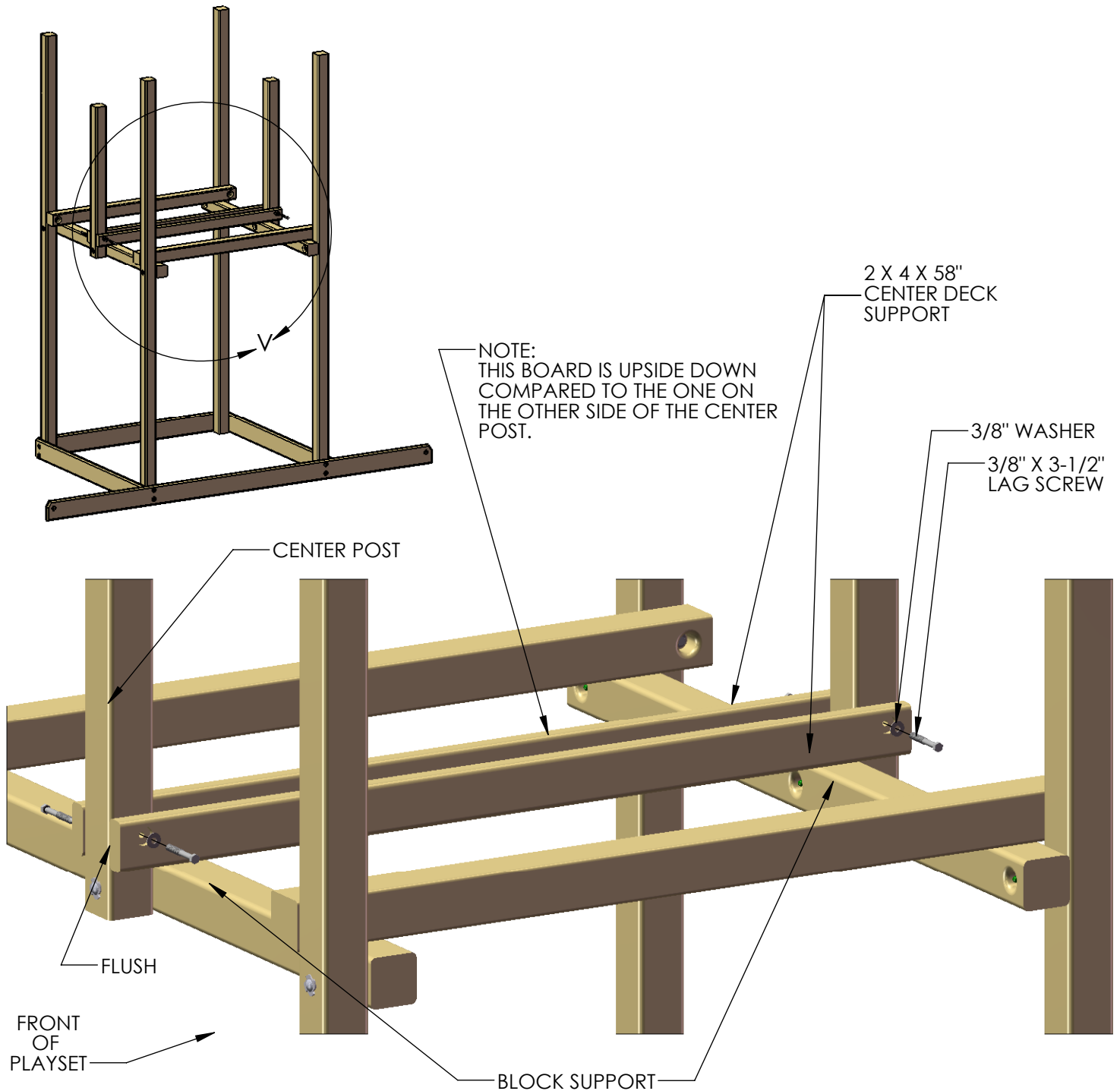
2: FASTEN THE CENTER POSTS TO THE BLOCK SUPPORTS USING 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS FROM THE OUTSIDE, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM THE INSIDE. PLACE GREEN BOLT CAPS OVER ANY EXPOSED THREADS.



## STEP 6: CENTER DECK SUPPORT

1: PLACE THE 2 X 4 X 58" CENTER DECK SUPPORTS AGAINST THE CENTER POSTS, ON TOP OF THE BLOCK SUPPORTS. TAKE NOTE THAT THE SUPPORTS HAVE OFFSET HOLES ON THE END. WHEN INSTALLING, MAKE SURE THAT ONE SUPPORT IS UPSIDE DOWN COMPARED TO THE SUPPORT ON THE OTHER SIDE OF THE CENTER POST. BASICALLY, IF YOU INSTALL THE FIRST BOARD WITH THE OUTSIDE HOLES OFFSET UP ON ONE SIDE, THEY SHOULD BE OFFSET DOWN ON THE OTHER.

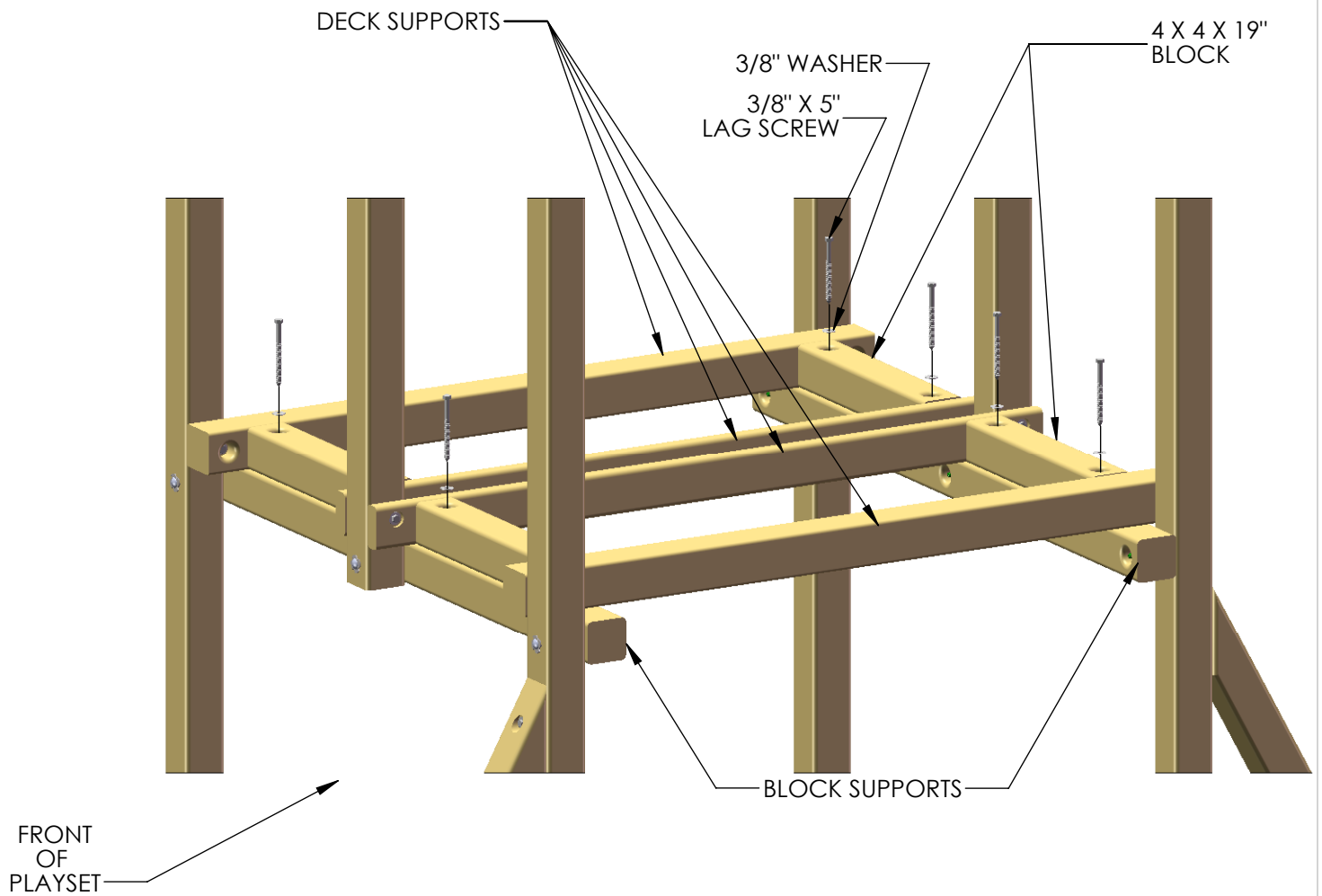
2: FASTEN THE CENTER DECK SUPPORTS TO THE CENTER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 7: BLOCKS

1: PLACE THE 4 X 4 X 19" BLOCKS ON TOP OF THE BLOCK SUPPORTS, BETWEEN THE DECK SUPPORTS.

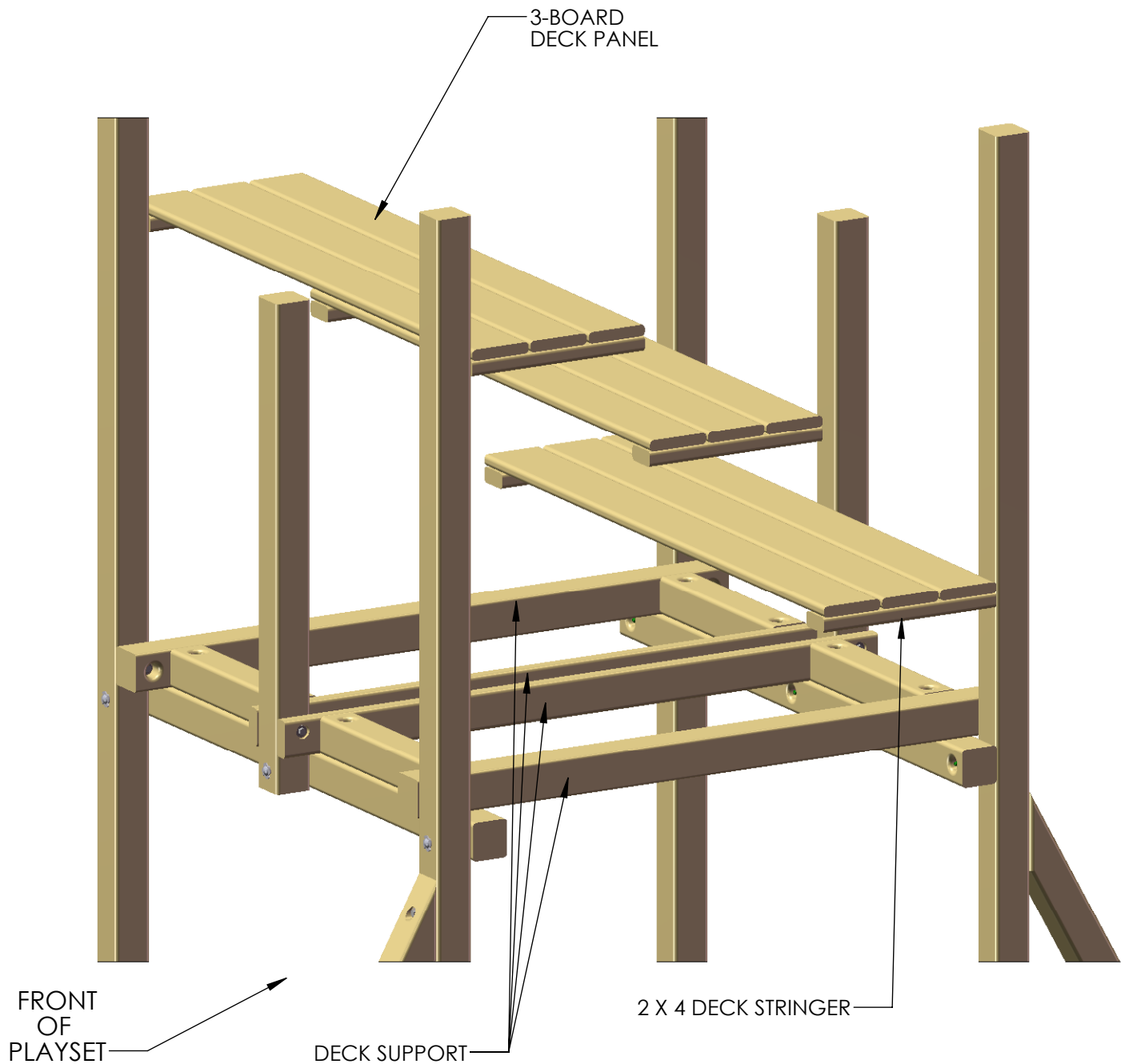
2: FASTEN THE BLOCKS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



## STEP 8: DECK PANELS

1: PLACE THE THREE 3-BOARD DECK PANELS ACROSS THE DECK SUPPORTS, ALLOWING THE 2 X 4 DECK STRINGERS TO OVERLAP THE DECK SUPPORTS.

2: ATTACH THE DECK PANEL TO EACH DECK SUPPORT. USE TWO 2-1/2" WOOD SCREWS TO ATTACH EACH DECK PANEL BOARD WHERE IT OVERLAPS A DECK SUPPORT. EACH 3-BOARD DECK PANEL WILL RECEIVE TWENTY FOUR WOOD SCREWS TO CONNECT IT TO THE DECK SUPPORTS.

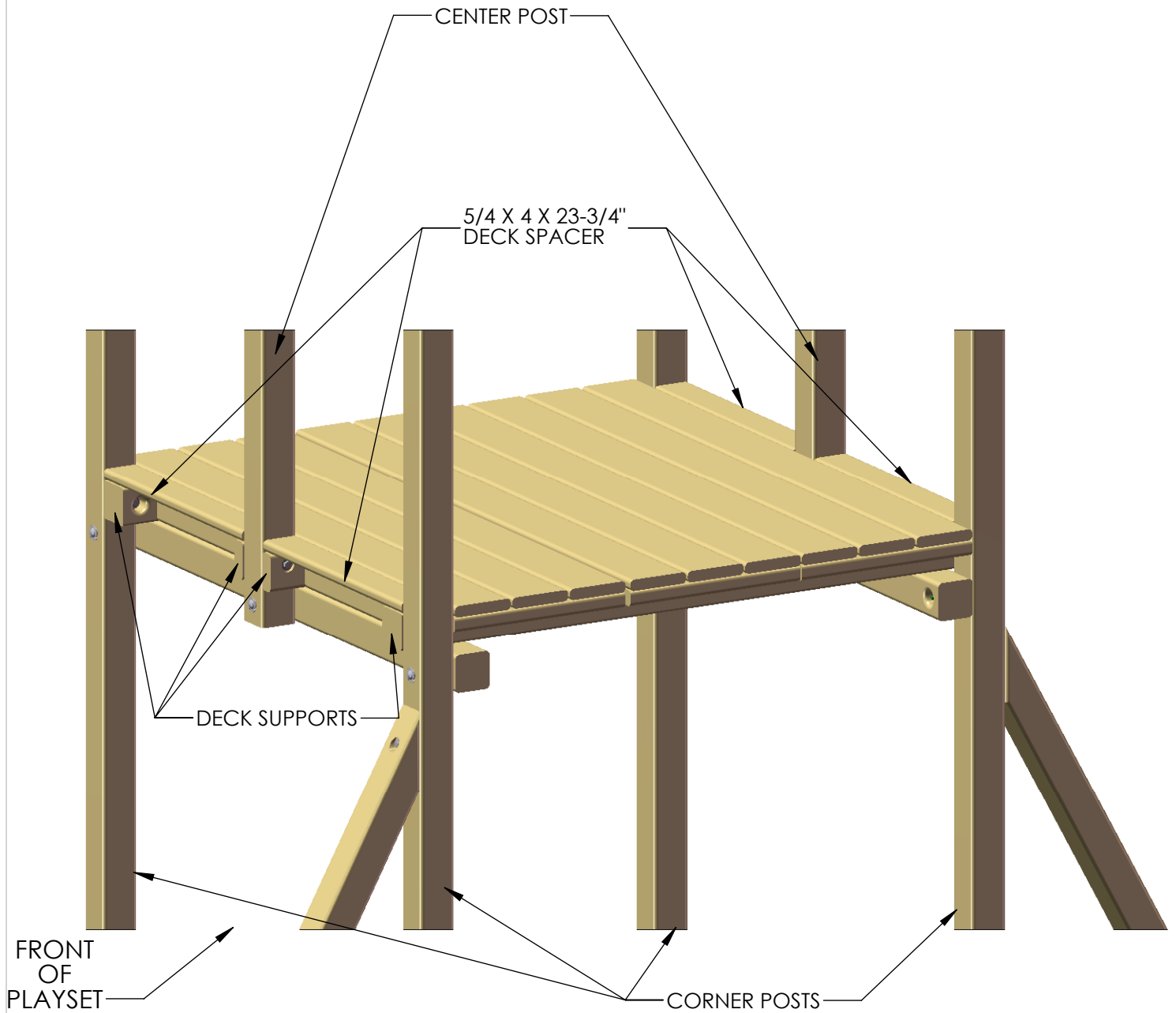




## STEP 9: DECK SPACERS

1: PLACE THE 5/4 X 4 X 23-3/4" DECK SPACERS ON TOP OF THE DECK SUPPORTS, BETWEEN THE CENTER AND CORNER POSTS.

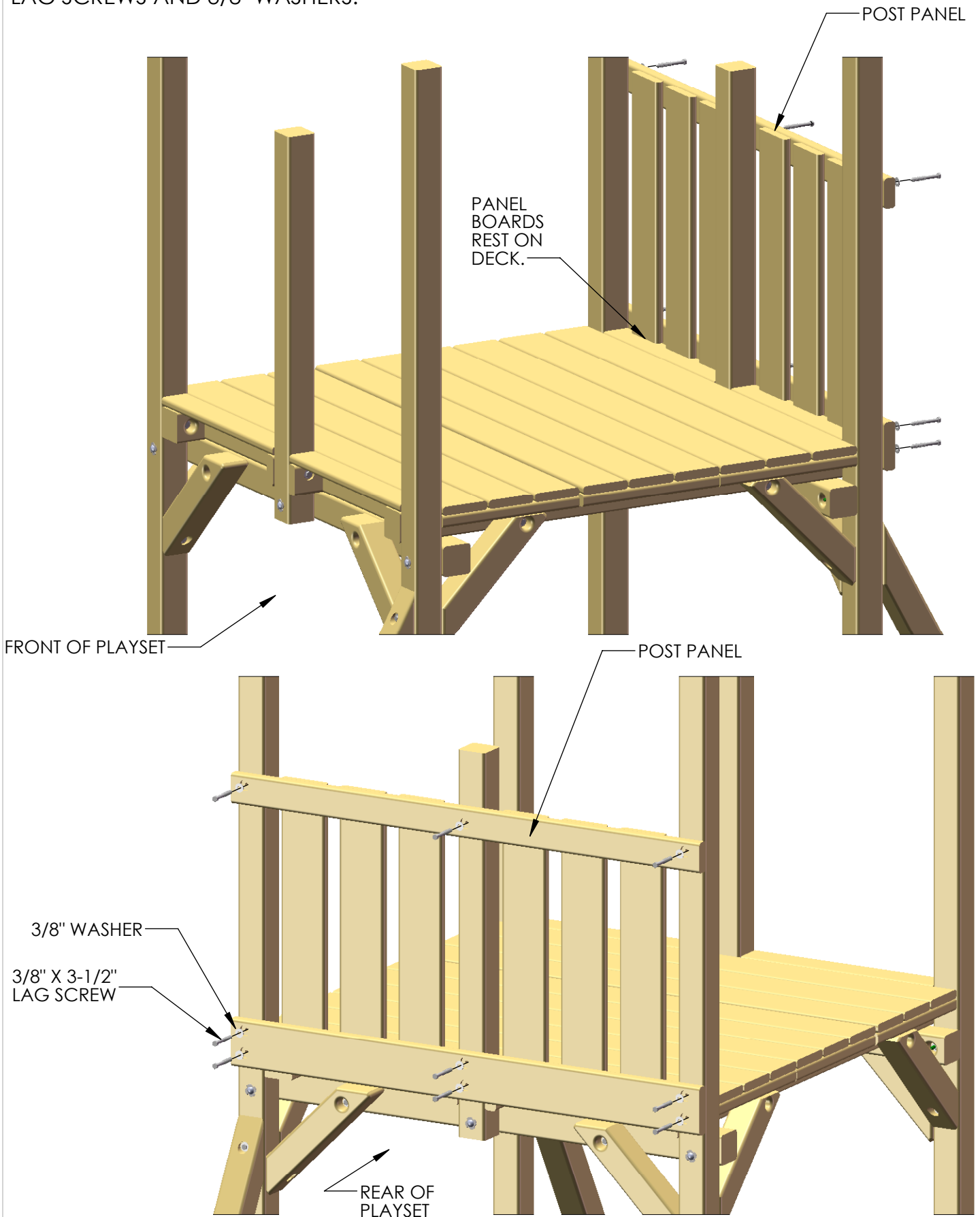
2: FASTEN THE DECK SPACERS TO THE DECK SUPPORTS WITH TWO 2-1/2" WOOD SCREWS PER SIDE.



## STEP 10: PANELS

1: PLACE THE 58" POST PANEL AGAINST THE CORNER POSTS AT THE REAR OF THE PLAYSET, ALLOWING THE PANEL BOARDS TO REST ON TOP OF THE DECK.

2: FASTEN THE POST PANEL TO THE CORNER POSTS AND THE CENTER POST USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



# STEP 11: FORT SUPPORTS

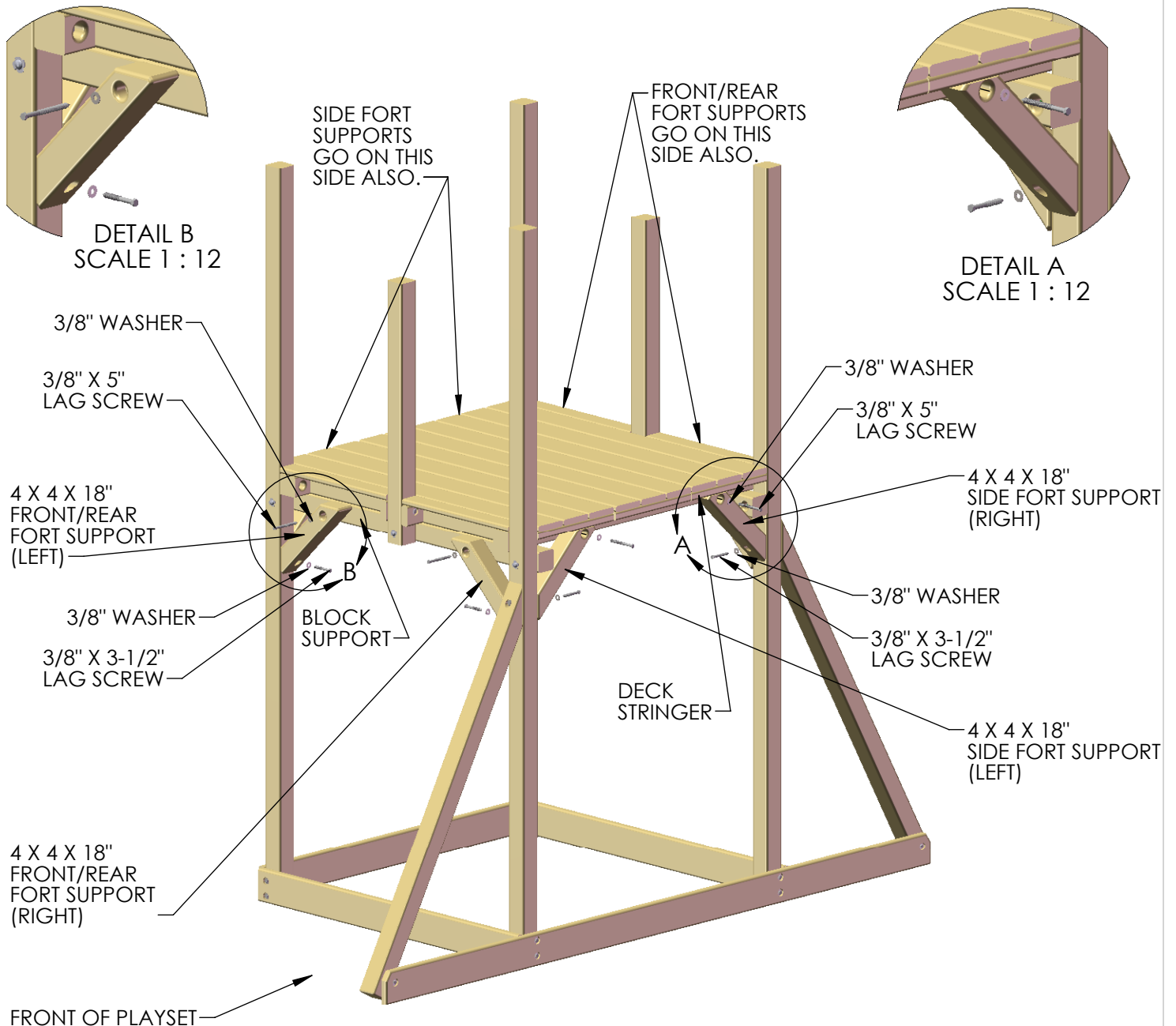
BEFORE PROCEEDING MAKE SURE YOUR FORT IS SQUARE AND LEVEL. CHECK THE DIAGONAL DIMENSIONS ACROSS THE CORNER POSTS TO MAKE SURE THEY ARE THE SAME. MAKE SURE THE CORNER POSTS ARE SQUARE TO THE DECK BOARDS. ALSO MAKE SURE THE DECK IS LEVEL.

1: LOCATE FOUR 4 X 4 X 18" SIDE FORT SUPPORTS (2 LEFT & 2 RIGHT).

2: PLACE THE TOP OF EACH SIDE FORT SUPPORT AGAINST THE UNDERSIDE OF THE DECK STRINGER AND FLUSH TO THE CORNER POST (SEE DETAIL A BELOW). ATTACH EACH FORT SUPPORT AT THE TOP USING A 3/8" X 5" HEX LAG SCREW AND A 3/8" WASHER. ATTACH THE BOTTOM OF THE FORT SUPPORT USING A 3/8" X 3-1/2" LAG SCREW AND A 3/8" WASHER.

3: LOCATE FOUR 4 X 4 X 18" FRONT/REAR FORT SUPPORTS (2 LEFT & 2 RIGHT).

4: MAKE THE TOP OF EACH FRONT/REAR FORT SUPPORT FLUSH WITH THE TOP SURFACE OF THE BLOCK SUPPORT (SEE DETAIL B BELOW). ATTACH EACH FORT SUPPORT AT THE TOP USING A 3/8" X 5" HEX LAG SCREW AND A 3/8" WASHER. ATTACH THE BOTTOM OF THE FORT SUPPORT USING A 3/8" X 3-1/2" LAG SCREW AND A 3/8" WASHER.



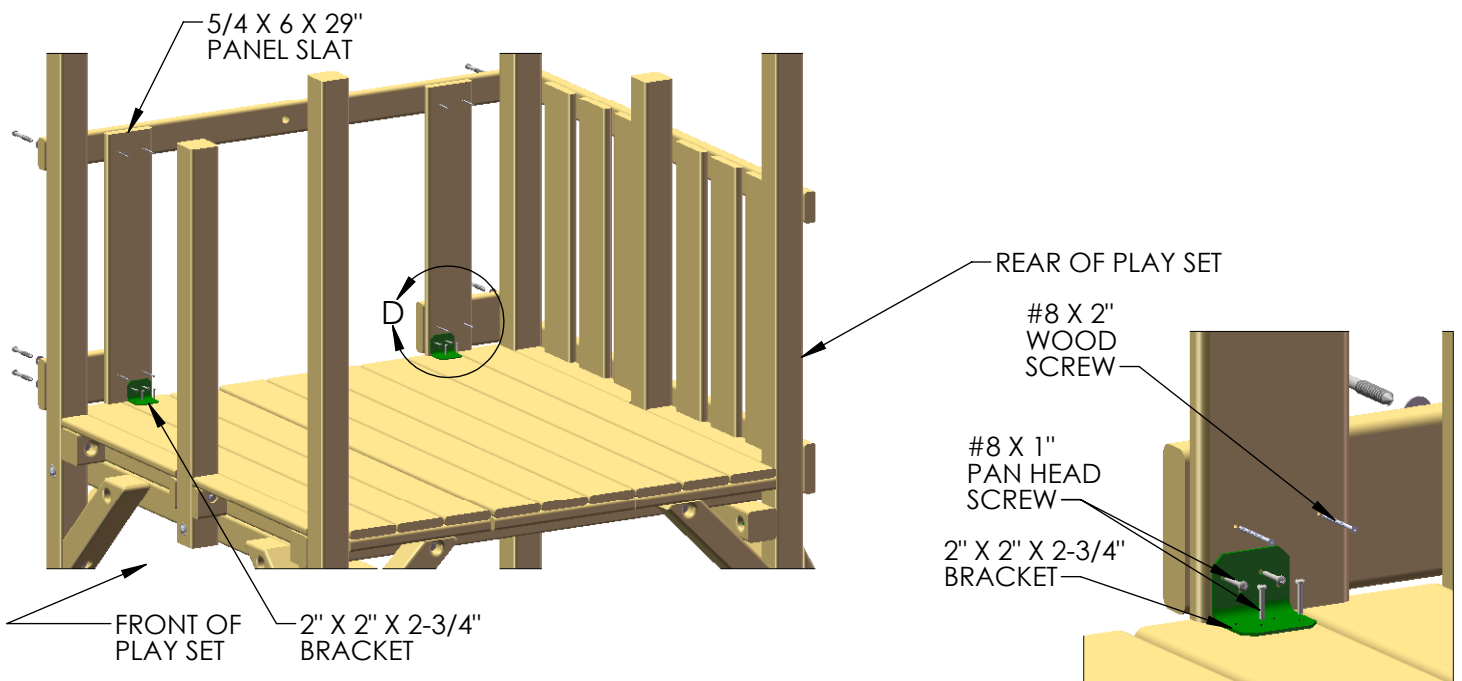
# STEP 12: ROCK WALL PANEL

1: GO TO THE LEFT SIDE OF THE PLAY SET. PLACE THE 2 X 6 X 12-1/2" BOTTOM PANEL BOARD (LEFT) WITH OFFSET HOLES UP AGAINST THE CORNER POST ON YOUR LEFT. MAKE THE BOTTOM OF THE BOARD FLUSH WITH THE TOP OF THE DECK. ATTACH THE BOTTOM PANEL BOARD WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. REPEAT THIS PROCESS FOR THE 2 X 6 X 12-1/2" BOTTOM PANEL BOARD (RIGHT).

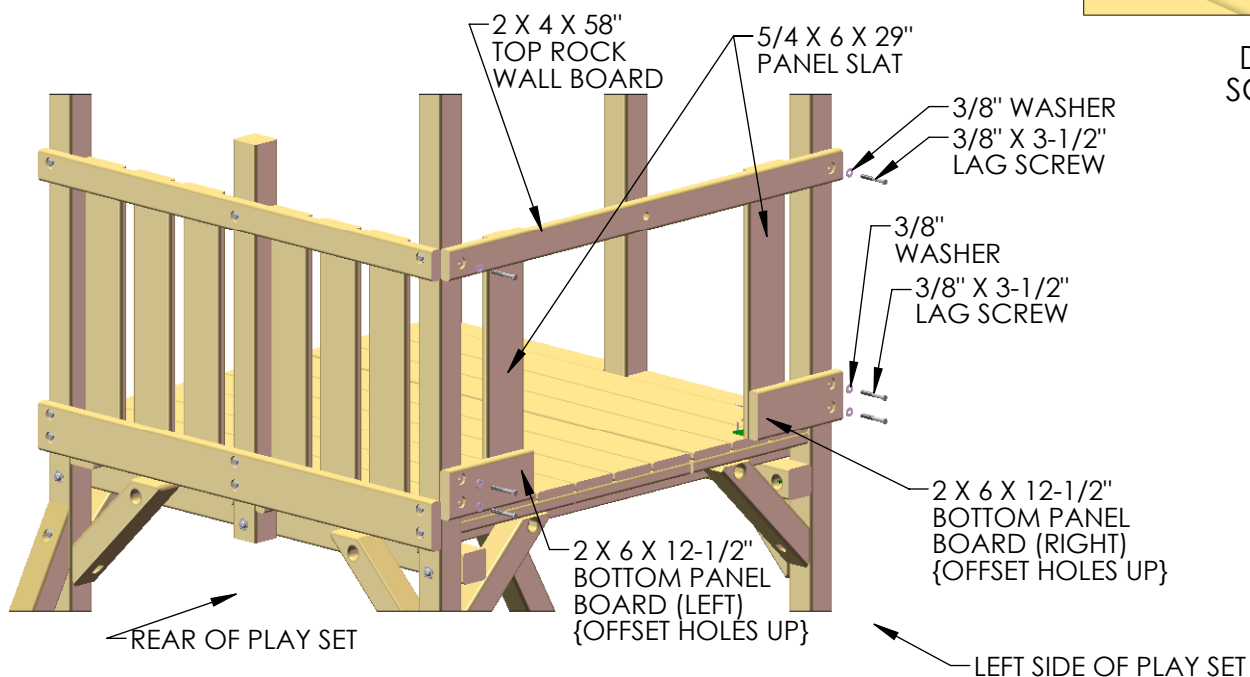
2: ATTACH THE 2 X 4 X 58" TOP ROCK WALL BOARD TO THE CORNER POSTS ON THE LEFT SIDE OF THE PLAYSET. THE TOP SURFACE OF THE ROCK WALL BOARD SHOULD BE APPROXIMATELY 29-3/16" ABOVE THE DECK. ATTACH THE ROCK WALL BOARD WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: ATTACH TWO 5/4 X 6 X 29" PANEL SLATS TO THE INSIDE SURFACE OF THE TOP ROCK WALL BOARD, FLUSH TO THE END OF THE BOTTOM PANEL BOARDS AND FLUSH TO THE DECK. USE FOUR #8 X 2" WOOD SCREWS TO ATTACH EACH PANEL SLAT.

4: ATTACH ONE 2" X 2" X 2-3/4" BRACKET TO THE DECK AND TO EACH PANEL SLAT WITH FOUR #8 X 1" PAN HEAD WOOD SCREWS. (SEE DETAIL D.)



DETAIL D  
SCALE 1 : 6

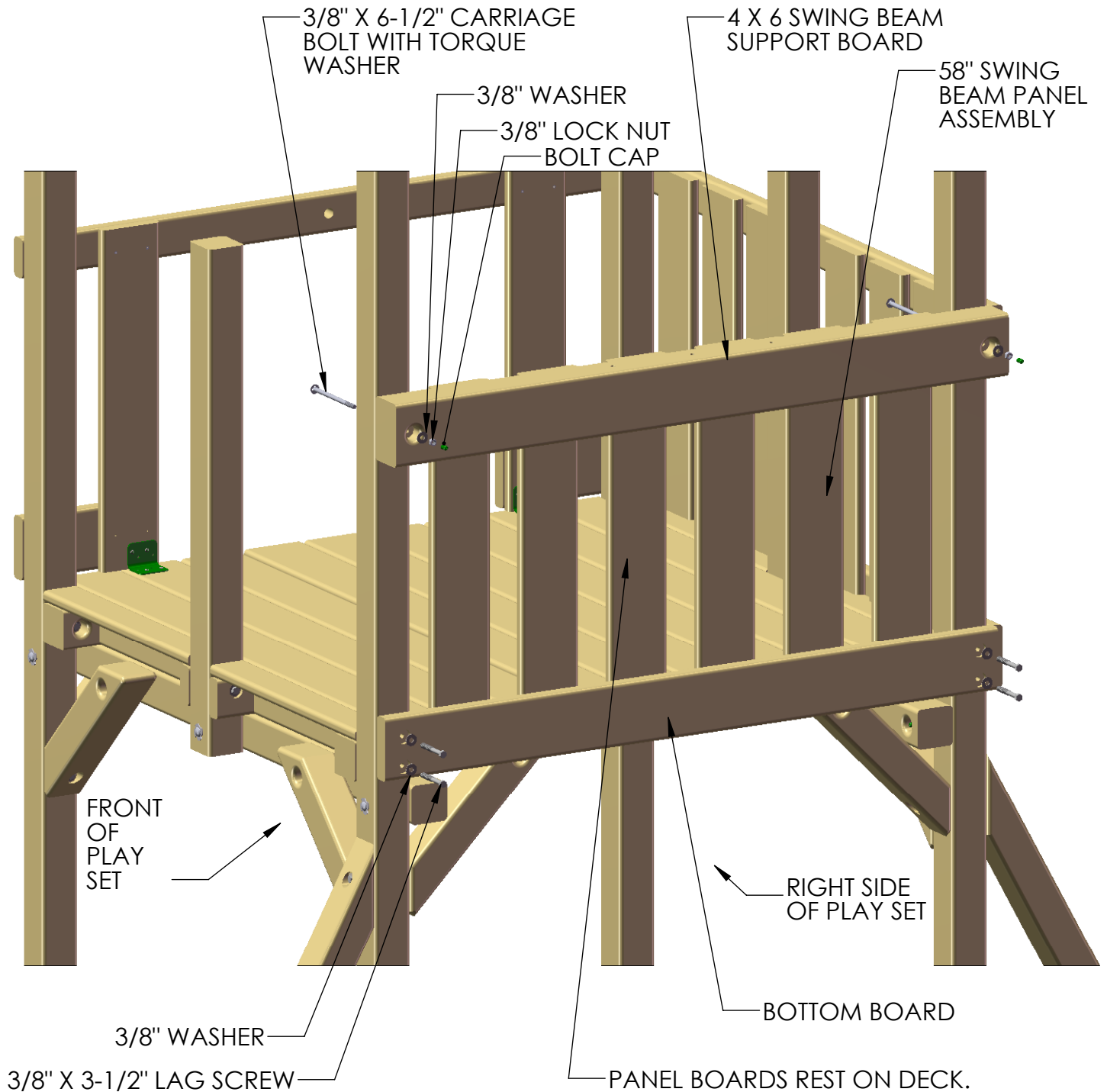


## STEP 13: SWINGBEAM PANEL

1: PLACE THE 58" SWING BEAM PANEL ON THE RIGHT SIDE OF THE PLAY SET AGAINST THE CORNER POSTS, ALLOWING THE PANEL BOARDS TO REST ON TOP OF THE DECK.

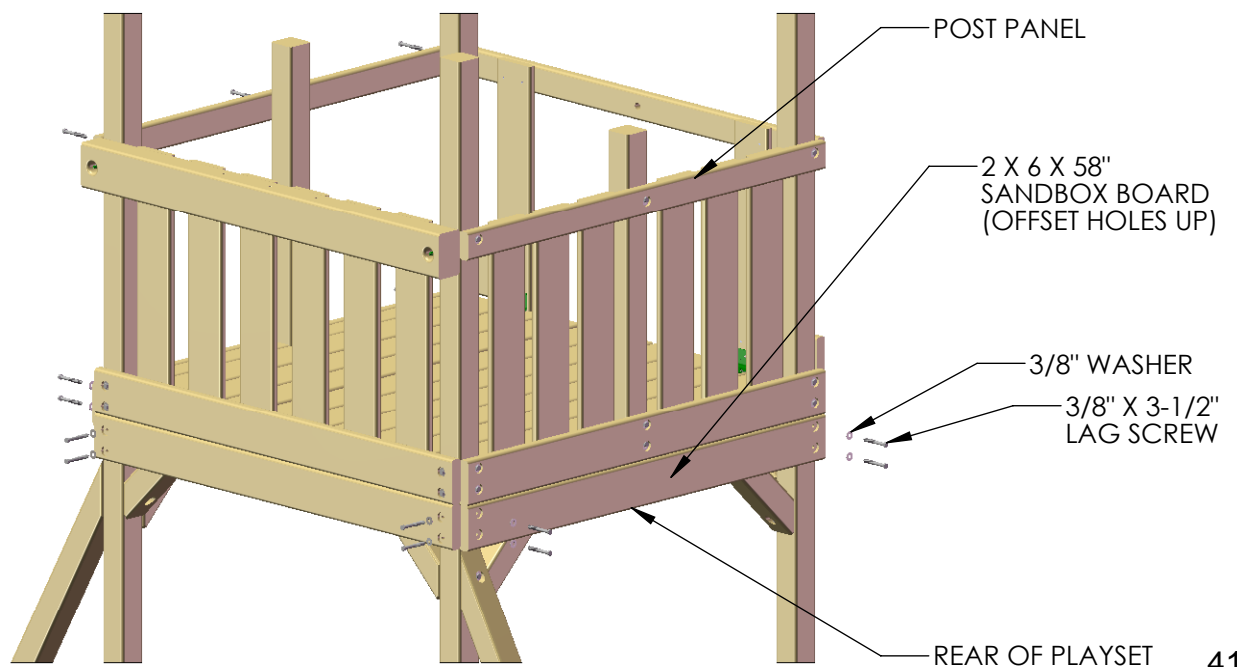
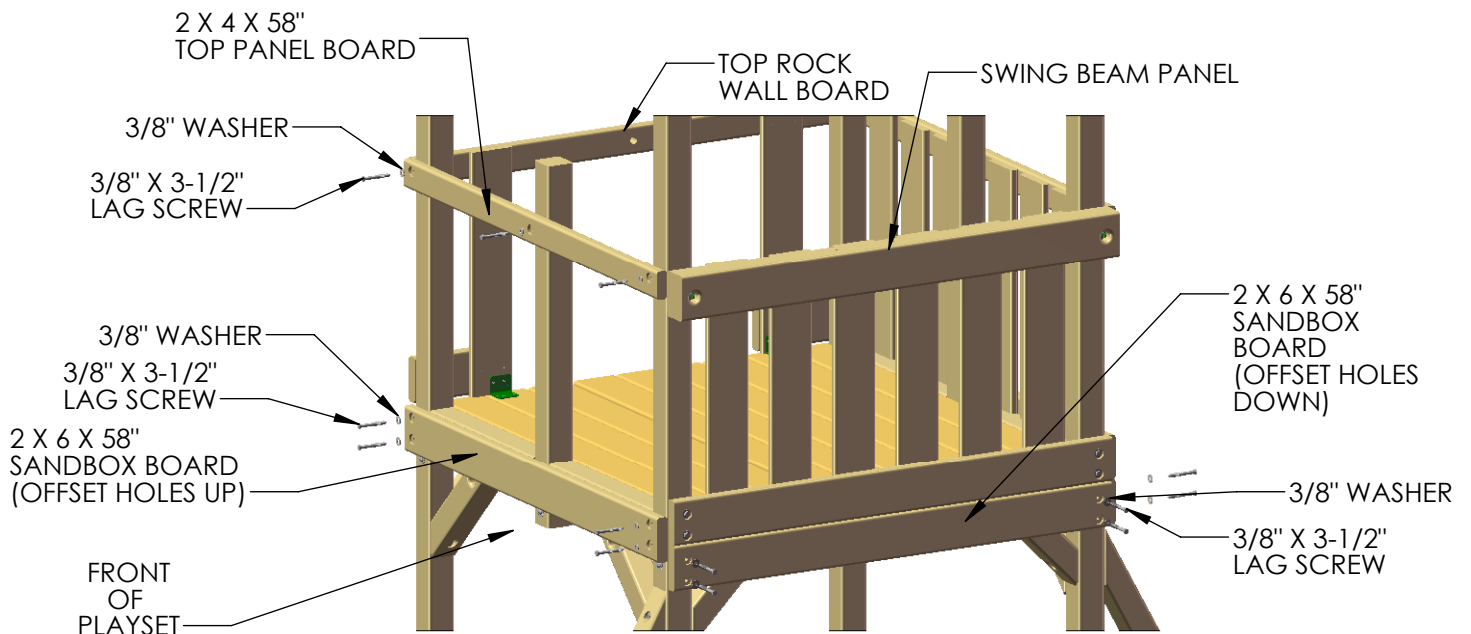
2: DRILL A 3/8" HOLE INTO EACH CORNER POST USING THE HOLES IN THE 4 X 6 SWING BEAM SUPPORT BOARD AS A GUIDE. FASTEN THE 4 X 6 SWING BEAM SUPPORT BOARD IN THE 58" SWING BEAM PANEL ASSEMBLY TO THE CORNER POSTS USING 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS FROM THE INSIDE, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM THE OUTSIDE. COVER ANY EXPOSED THREADS WITH BOLT CAPS.

3: FASTEN THE BOTTOM BOARD IN THE 58" SWING BEAM PANEL ASSEMBLY TO THE CORNER POSTS USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



# STEP 14: SAFETY AND COVER BOARDS

- 1: PLACE THE 2 X 4 X 58" TOP PANEL BOARD (OFFSET HOLES UP) AGAINST THE FRONT CORNER POSTS, FLUSH TO THE TOP OF THE TOP ROCK WALL BOARD AND SWING BEAM PANEL.
- 2: FASTEN THE TOP PANEL BOARD TO THE FRONT, CENTER, AND CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.
- 3: PLACE THE 2 X 6 X 58" SANDBOX BOARD (OFFSET HOLES DOWN) AGAINST THE CORNER POSTS UNDERNEATH THE SWING BEAM PANEL .
- 4: FASTEN THE SANDBOX BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.
- 5: PLACE ANOTHER 2 X 6 X 58" SANDBOX BOARD (OFFSET HOLES UP) AGAINST THE CORNER POSTS UNDERNEATH THE POST PANEL AT THE REAR OF THE PLAY SET.
- 6: FASTEN THE SANDBOX BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.
- 7: PLACE ANOTHER 2 X 6 X 58" SANDBOX BOARD (OFFSET HOLES UP) AGAINST THE CORNER POSTS ON THE FRONT OF THE PLAY SET. MAKE THE TOP SURFACE OF THE SANDBOX BOARD FLUSH WITH THE TOP SURFACE OF THE DECK SPACERS.
- 8: FASTEN THE SANDBOX BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 15: PICNIC TABLE SUPPORTS

1: LOCATE FOUR 2 X 4 X 58" PICNIC TABLE/SEAT SUPPORTS. TWO SUPPORTS WILL GO ON THE LEFT SIDE OF THE PLAYSET AND TWO SUPPORTS WILL GO ON THE RIGHT SIDE OF THE PLAYSET BELOW THE DECK. THE SUPPORTS WILL BE MOUNTED ON THE INSIDE OF THE CORNER POSTS AS SHOWN BELOW.

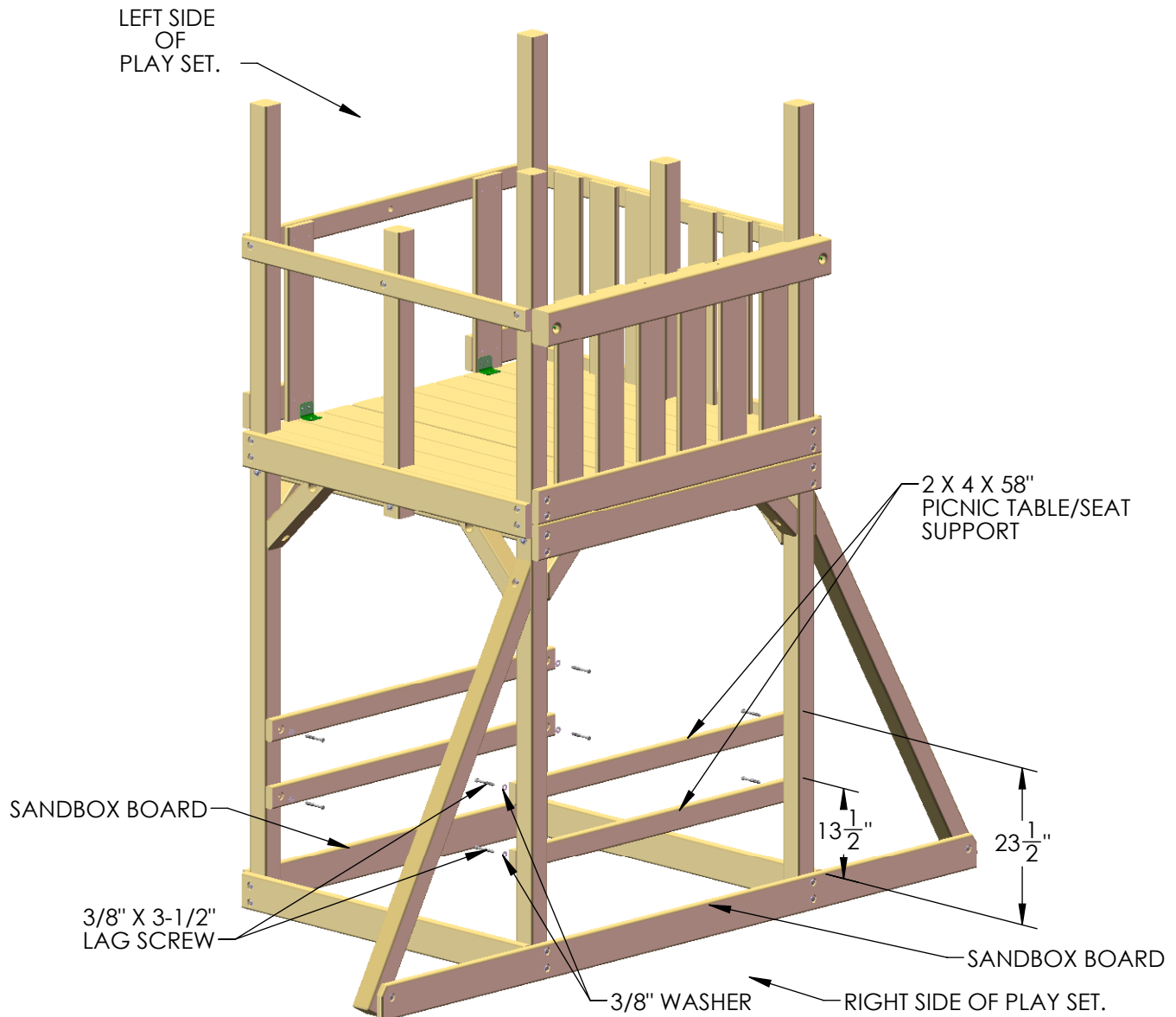
2: ON THE RIGHT SIDE OF THE PLAY SET MEASURE FROM THE TOP OF THE SANDBOX BOARD UP 13-1/2" AND MAKE A MARK ON THE INSIDE OF THE CORNER POSTS.

3: PLACE THE TOP SURFACE OF ONE OF THE 2 X 4 X 58" PICNIC TABLE/SEAT SUPPORTS ON THE MARKS AND SECURE THE SUPPORT WITH 3/8" X 3-1/2" LAG SCREWS WITH 3/8" WASHERS.

4: ON THE RIGHT SIDE OF THE PLAY SET MEASURE FROM THE TOP OF THE SANDBOX BOARD UP 23-1/2" AND MAKE A MARK ON THE INSIDE OF THE CORNER POSTS.

5: PLACE THE TOP SURFACE OF ONE OF THE 2 X 4 X 58" PICNIC TABLE/SEAT SUPPORTS ON THE MARKS AND SECURE THE SUPPORT WITH 3/8" X 3-1/2" LAG SCREWS WITH 3/8" WASHERS.

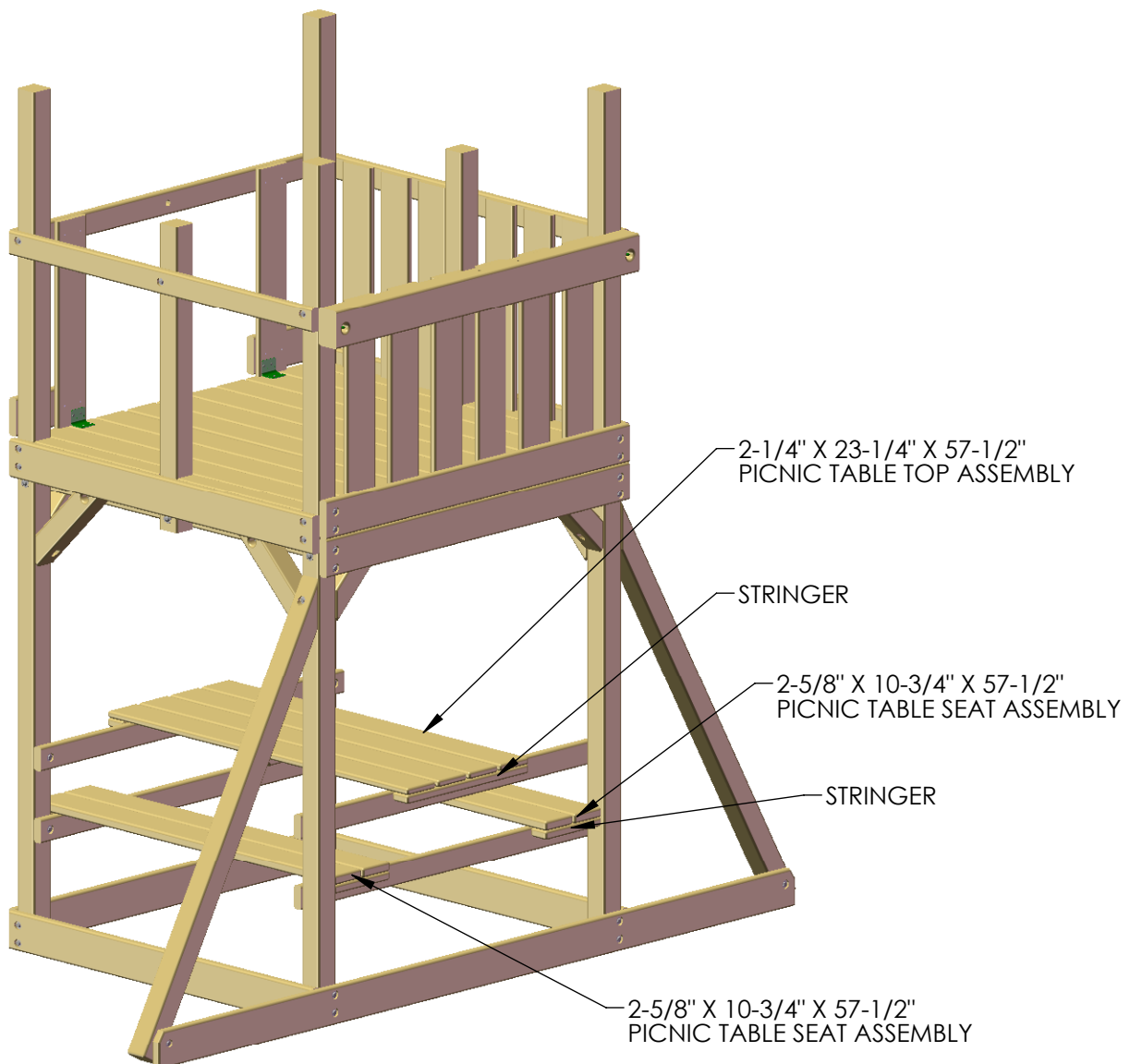
6: REPEAT STEPS 2 THROUGH 5 FOR THE REMAINING TWO PICNIC TABLE/SEAT SUPPORTS ON THE LEFT SIDE OF THE PLAY SET.





## STEP 16: PICNIC TABLE TOP AND SEATS

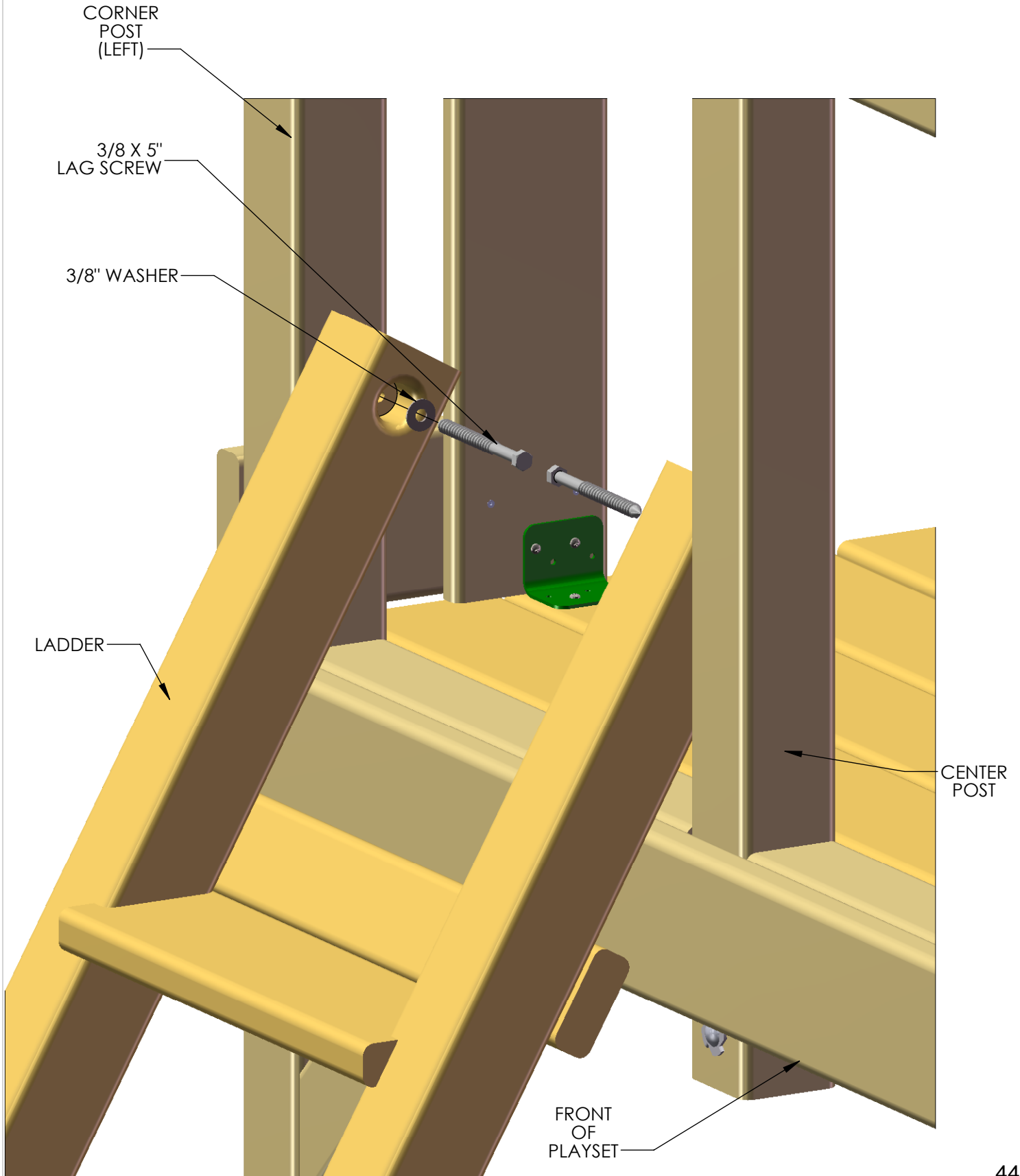
- 1: LOCATE ONE 2-1/4" X 23-1/4" X 57-1/2" TABLE TOP ASSEMBLY.
- 2: PLACE THE TABLE TOP ASSEMBLY ACROSS THE UPPER PICNIC TABLE/SEAT SUPPORTS. THE STRINGER WILL OVERHANG ON EACH END. CENTER THE TABLE TOP ON THE SUPPORTS.
- 3: ATTACH EACH TABLE SLAT IN THE TABLE TOP ASSEMBLY TO THE SUPPORTS WITH FOUR #8 X 2" WOOD SCREWS (2 SCREWS PER END).
- 4: LOCATE TWO 2-5/8" X 10-3/4" X 57-1/2" PICNIC TABLE SEAT ASSEMBLIES.
- 5: PLACE ONE SEAT ASSEMBLY ACROSS THE LOWER PICNIC TABLE/SEAT SUPPORTS. MAKE THE SEAT ASSEMBLY FLUSH AGAINST THE INSIDE OF THE CORNER POSTS. THE STRINGER WILL OVERHANG ON EACH END.
- 6: ATTACH EACH SEAT SLAT IN THE SEAT ASSEMBLY TO THE SUPPORTS WITH FOUR #8 X 2-1/2" WOOD SCREWS (2 SCREWS PER END).
- 7: REPEAT STEPS 5 AND 6 FOR THE OTHER SEAT ASSEMBLY.



## STEP 17: LADDER

1: PLACE THE LADDER IN THE OPENING BETWEEN THE CENTER AND CORNER POSTS. ADJUST THE LADDER SO THAT THE STEPS ARE LEVEL, AND THE COUNTER-SUNK HOLES IN THE TOP OF THE LADDER ARE CENTERED ON THE POSTS.

2: FASTEN THE LADDER TO THE CENTER AND CORNER POSTS USING TWO 3/8" X 5" LAG SCREWS AND TWO 3/8" WASHERS FROM THE INSIDE OF THE LADDER RAILS.



# STEP 18: MARKING/DRILLING CORNER POSTS

1: CLIMB UP ON TOP OF THE DECK OF THE PLAYSET AND FACE THE REAR OF THE PLAYSET. THE LADDER SHOULD BE BEHIND YOU. (SEE FIGURE 1)

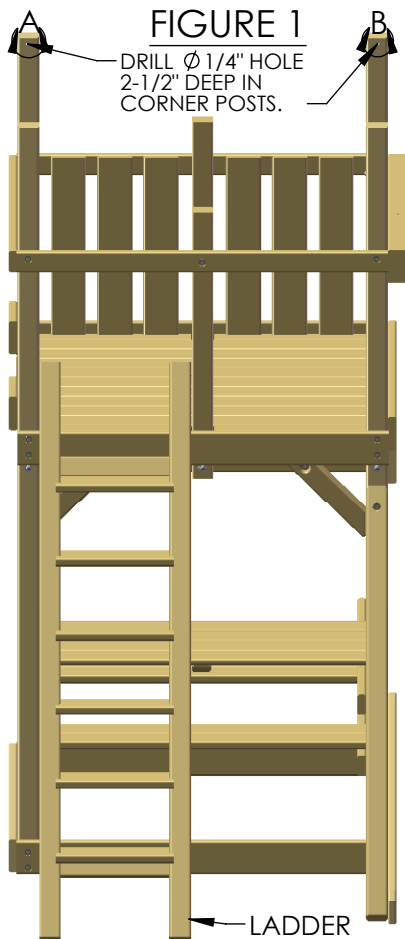
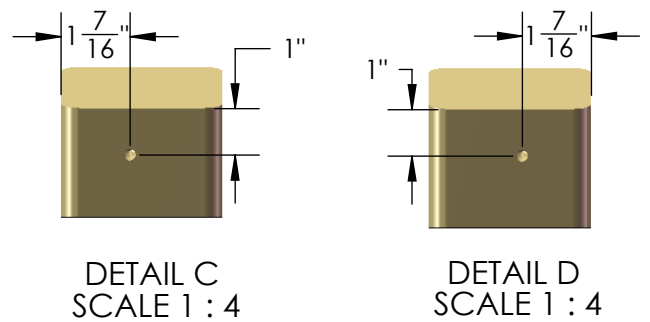
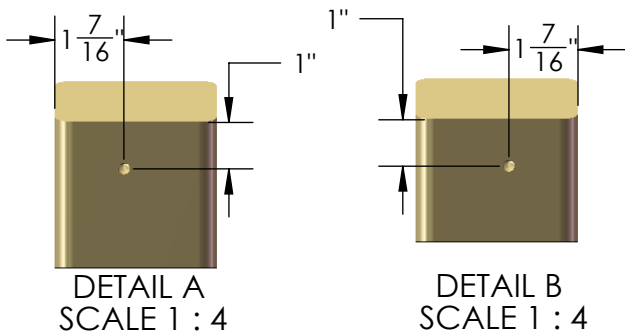
2: (SEE DETAIL A BELOW) MEASURE DOWN 1" FROM THE TOP OF THE REAR CORNER POST ON YOUR LEFT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE CORNER POST  $1\frac{7}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE  $2\frac{1}{2}$ " DEEP.

3: (SEE DETAIL B BELOW) MEASURE DOWN 1" FROM THE TOP OF THE REAR CORNER POST ON YOUR RIGHT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE CORNER POST  $1\frac{7}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE  $2\frac{1}{2}$ " DEEP.

4: TURN AROUND AND FACE THE FRONT OF THE PLAYSET. THE LADDER SHOULD BE IN FRONT OF YOU. (SEE FIGURE 2)

5: (SEE DETAIL C BELOW) MEASURE DOWN 1" FROM THE TOP OF THE FRONT CORNER POST ON YOUR LEFT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE CORNER POST  $1\frac{7}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE  $2\frac{1}{2}$ " DEEP.

6: (SEE DETAIL D BELOW) MEASURE DOWN 1" FROM THE TOP OF THE FRONT CORNER POST ON YOUR RIGHT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE CORNER POST  $1\frac{7}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE  $2\frac{1}{2}$ " DEEP.



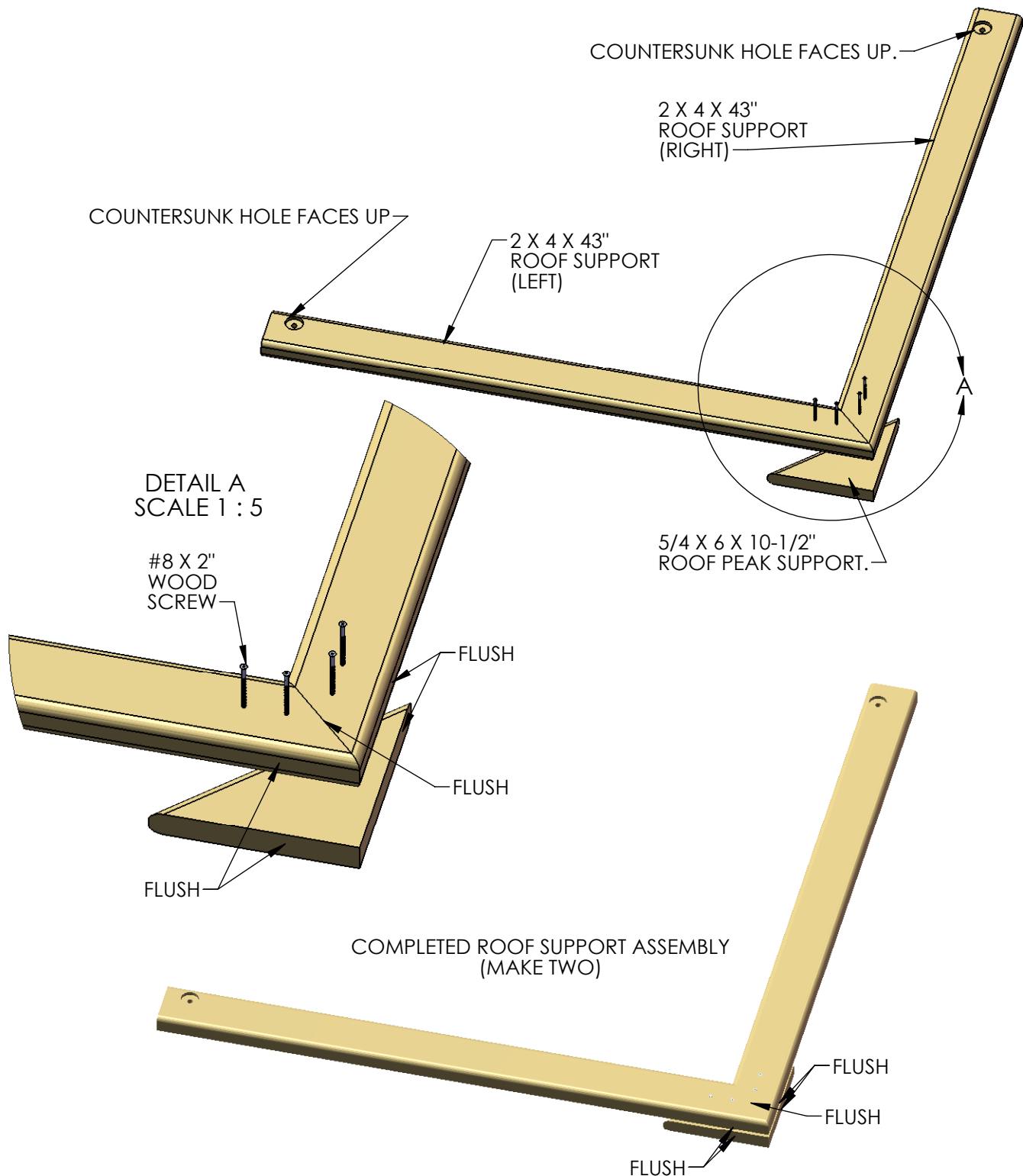
# STEP 19: ROOF SUPPORT ASSEMBLIES

1: LOCATE TWO 2 X 4 X 43" ROOF SUPPORT (LEFT), TWO 2 X 4 X 43" ROOF SUPPORT (RIGHT) AND TWO 5/4 X 6 X 10-1/2" ROOF PEAK SUPPORT PIECES.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE TRIANGLE SHAPED ROOF PEAK SUPPORT ON THE FLAT SURFACE. PLACE ONE ROOF SUPPORT (LEFT) AND ONE ROOF SUPPORT (RIGHT) ON TOP OF THE ROOF PEAK SUPPORT WITH THE COUNTERSUNK HOLES FACING UP. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF SUPPORTS TO THE ROOF PEAK SUPPORT AS SHOWN BELOW.

4: MAKE ONE MORE ROOF SUPPORT ASSEMBLY BY REPEATING 2 AND 3.

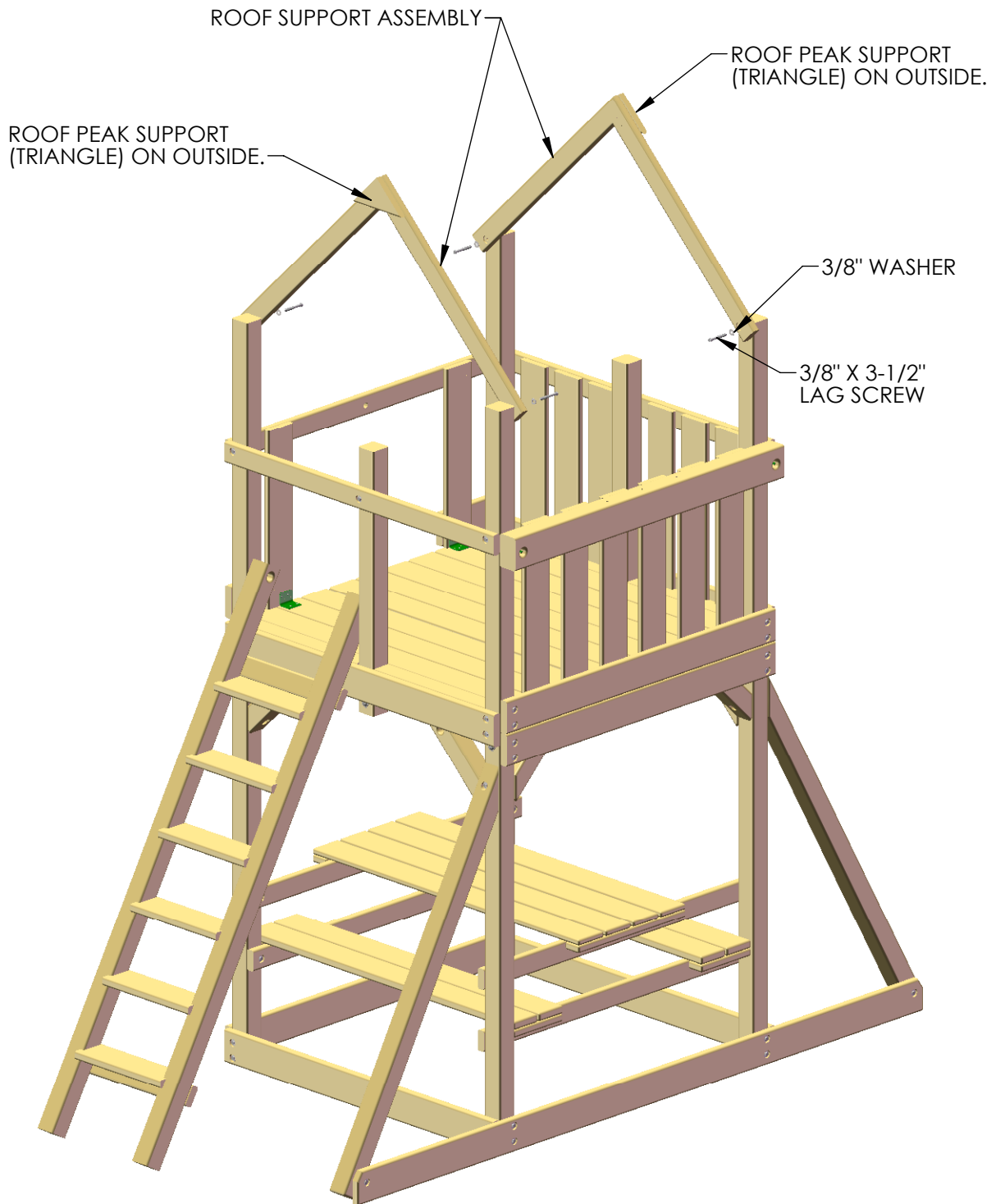


## STEP 20: ROOF SUPPORTS

1: PLACE THE TWO ROOF SUPPORT ASSEMBLIES ON THE DECK.

2: ATTACH ONE ROOF SUPPORT ASSEMBLY TO THE HOLES YOU PREVIOUSLY DRILLED IN THE REAR CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.

3: ATTACH THE OTHER ROOF SUPPORT ASSEMBLY TO THE HOLES YOUR PREVIOUSLY DRILLED IN THE FRONT CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.



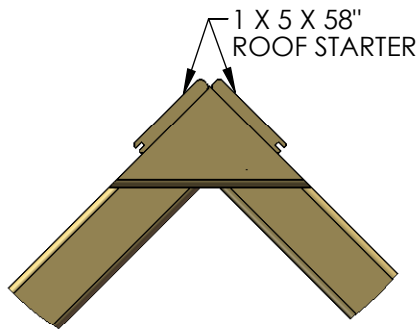
## STEP 21: ROOF

1: LOCATE TWO 1 X 5 X 58" ROOF STARTERS.

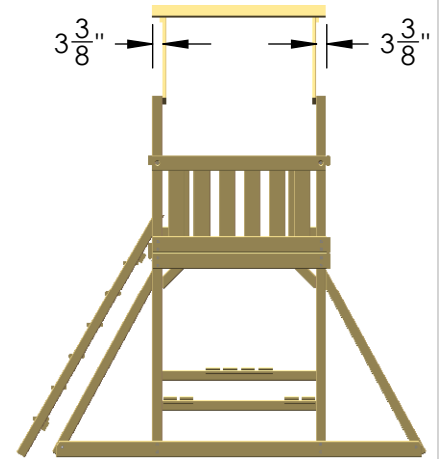
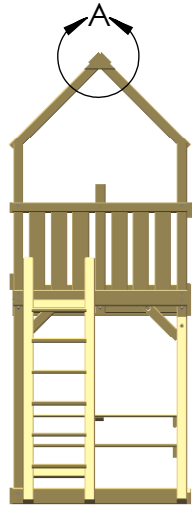
2: POSITION THE STARTERS AT THE ROOF PEAK SO THAT THE BOARDS ARE ALMOST TOUCHING. (SEE DETAIL A)

3: THE ROOF STARTER WILL OVERHANG THE ROOF SUPPORTS BY APPROXIMATELY 3-3/8" ON EACH SIDE. (SEE RIGHT SIDE VIEW BELOW)

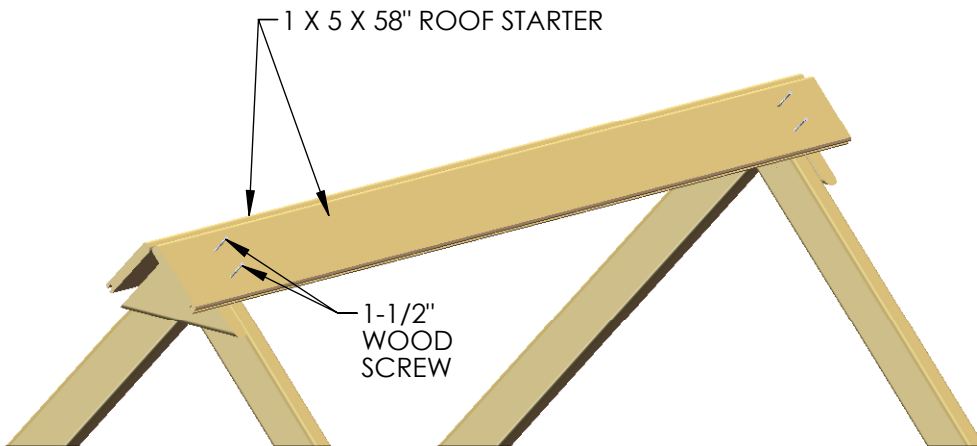
4: FASTEN THE ROOF STARTERS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS. (FOUR IN EACH BOARD) (SEE DETAIL B)



DETAIL A  
SCALE 1 : 10



RIGHT SIDE VIEW

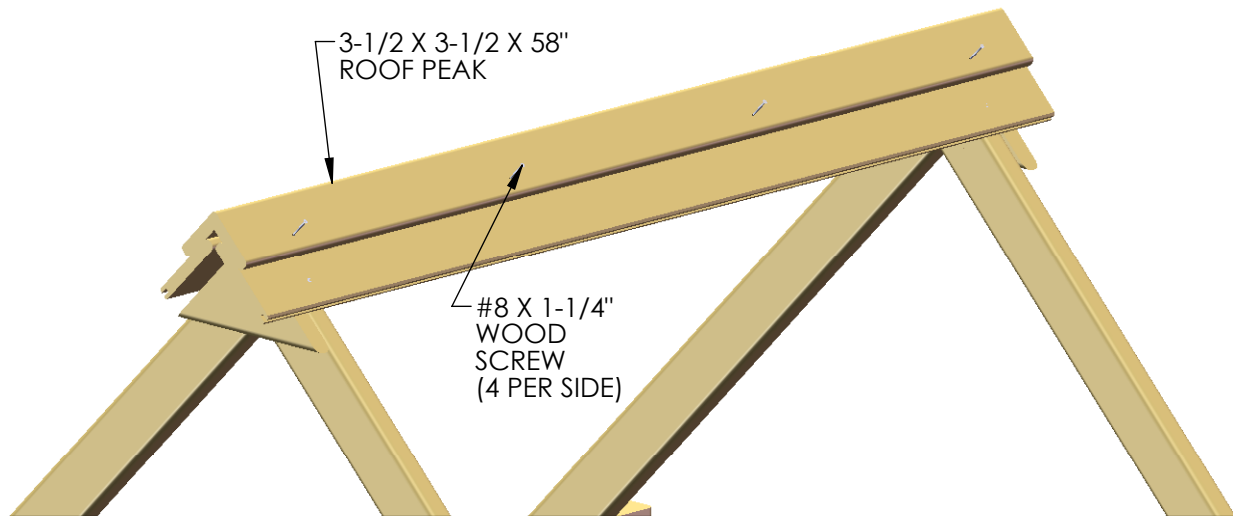


DETAIL B  
SCALE 1 : 12



## STEP 22: ROOF PEAK

- 1: PLACE THE 3-1/2 X 3-1/2 X 58" ROOF PEAK ASSEMBLY ON TOP OF THE ROOF STARTERS.
- 2: ALIGN THE END OF THE PEAK ASSEMBLY FLUSH TO THE END OF THE ROOF STARTERS.
- 3: ATTACH THE ROOF PEAK ASSEMBLY TO THE ROOF STARTERS WITH EIGHT 1-1/4" WOOD SCREWS. (FOUR SCREWS PER SIDE)



DETAIL A  
SCALE 1 : 10



## STEP 23: ROOF BOARDS

1: LOCATE FOURTEEN 1 X 5-1/4 X 58" ROOF BOARDS.

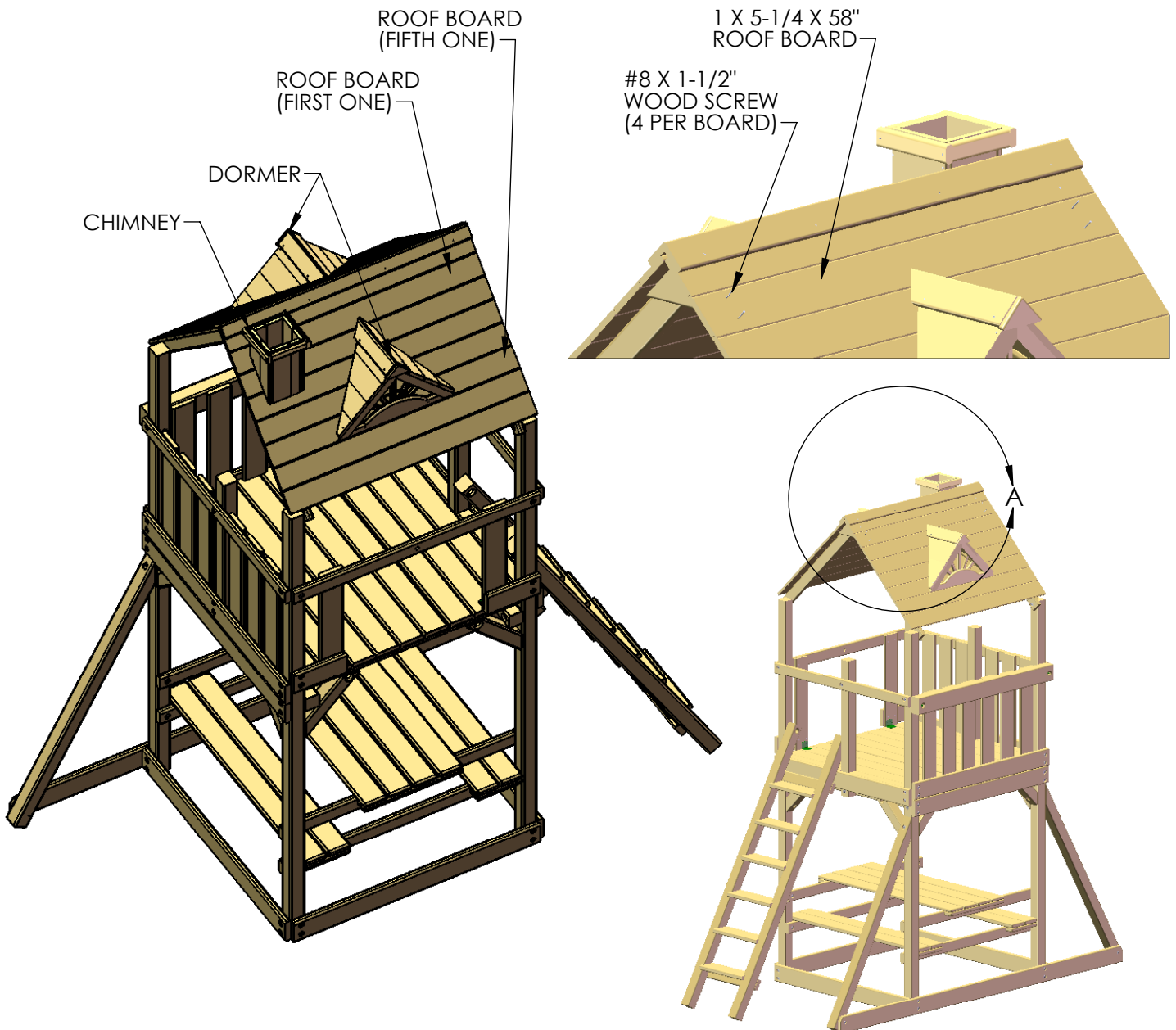
2: SLIDE THE TONGUE OF ONE ROOF BOARD INTO THE GROOVE IN THE ROOF STARTER AND ALIGN THE ENDS SO THEY ARE FLUSH. IF NECESSARY USE A SCRAP 2 X 4 BLOCK AND A RUBBER Mallet TO SEAT THE TONGUE INTO THE GROOVE OF THE PREVIOUS BOARD.

3: ATTACH THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.

4: SLIDE THE TONGUE OF ANOTHER ROOF BOARD INTO THE GROOVE OF THE PREVIOUS ROOF BOARD. ATTACH THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS. REPEAT THIS PROCESS FOR THE REMAINING ROOF BOARDS.

5: REPEAT SUBSTEPS 1-4 FOR THE OTHER SIDE OF THE ROOF.

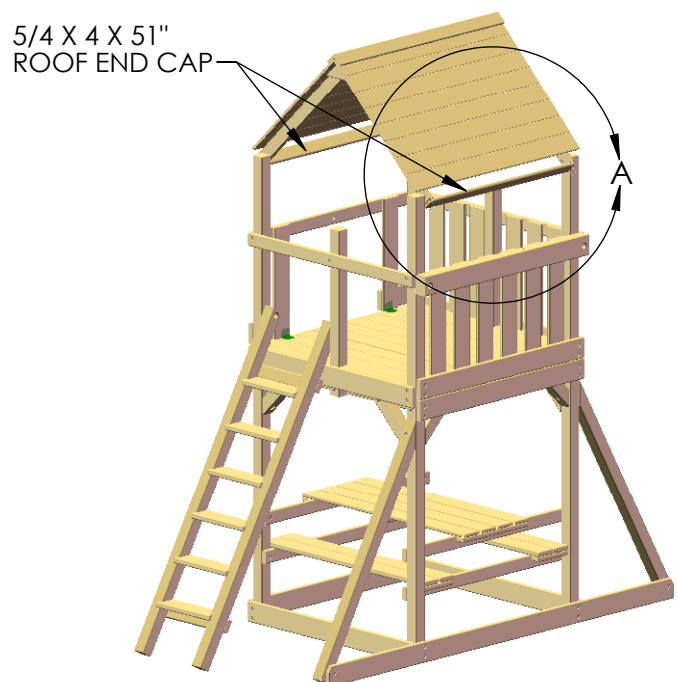
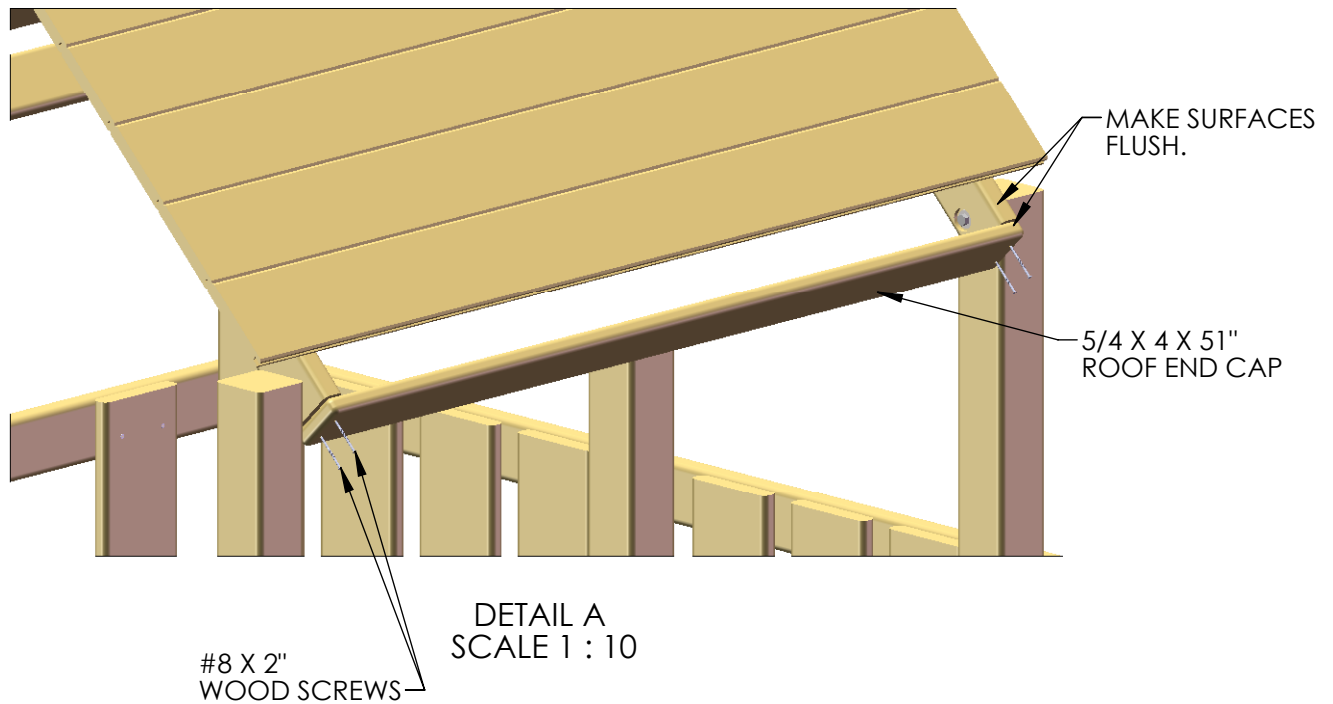
**TIP:** USE THE INSTRUCTIONS PROVIDED WITH THE CHIMNEY AND DORMERS TO BUILD THEM. INSTALL THREE ROOF BOARDS AND THEN INSTALL THE CHIMNEY ACCORDING TO THE CHIMNEY INSTRUCTIONS. AFTER INSTALLING THE FIFTH ROOF BOARD INSTALL THE DORMER ACCORDING TO THE DORMER INSTRUCTIONS. THEN FINISH INSTALLING THE REMAINING ROOF BOARDS. ALSO NOTE THERE IS ANOTHER DORMER ON THE OTHER SIDE OF THE ROOF.





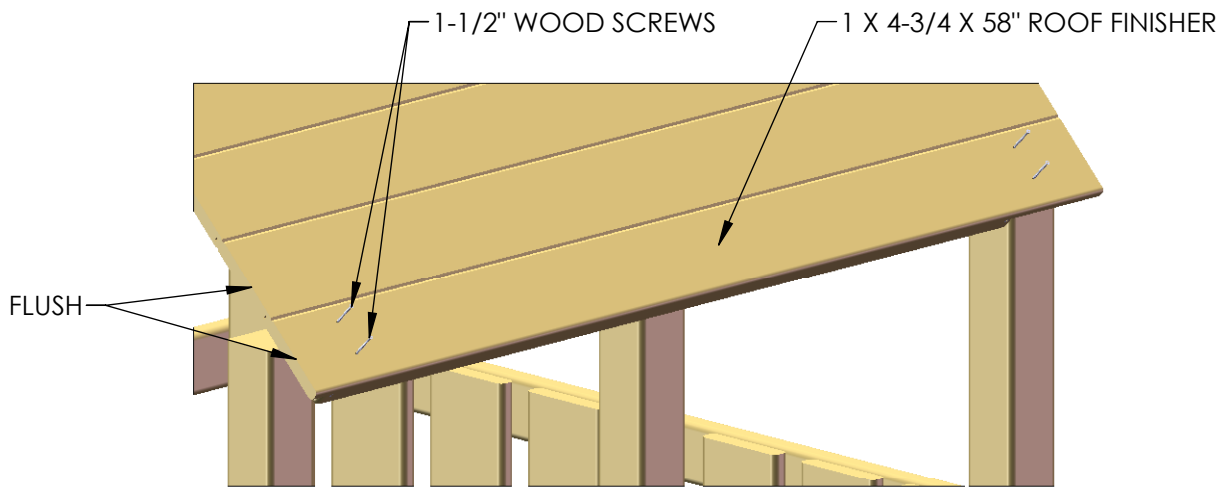
## STEP 24: ROOF END CAPS AND FINISHERS

- 1: LOCATE TWO 5/4 X 4 X 51" ROOF END CAPS.
- 2: PLACE THE ROOF END CAP AGAINST THE END OF THE ROOF SUPPORTS. MAKE SURE THE TOP OF THE ROOF END CAP AND THE TOP OF THE ROOF SUPPORTS ARE FLUSH.
- 3: ATTACH THE ROOF END CAP TO THE ROOF SUPPORTS WITH FOUR #8 X 2" WOOD SCREWS.
- 4: ATTACH THE OTHER ROOF END CAP ON THE OTHER SIDE OF THE ROOF.



## STEP 25: ROOF FINISHERS

- 1: LOCATE TWO 1 X 4-3/4 X 58" ROOF FINISHERS
- 2: PLACE THE TONGUE OF THE ROOF FINISHER INTO THE GROOVE OF THE LAST ROOF BOARD. MAKE SURE THE END OF THE ROOF FINISHER IS FLUSH WITH THE END OF THE ROOF BOARD.
- 3: ATTACH THE ROOF FINISHER TO THE ROOF SUPPORTS AND THE END CAP WITH FOUR #8 X 1-1/2" WOOD SCREWS.
- 4: ATTACH THE OTHER ROOF FINISHER ON THE OTHER SIDE OF THE ROOF.

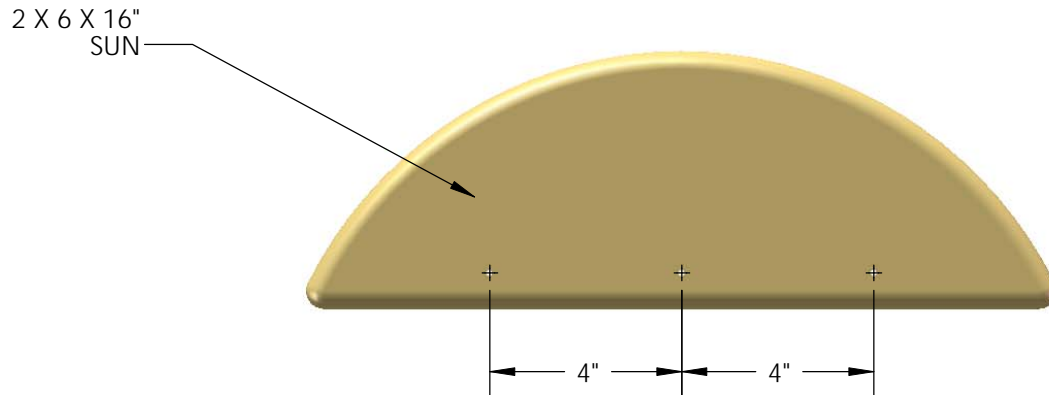


DETAIL A  
SCALE 1 : 10

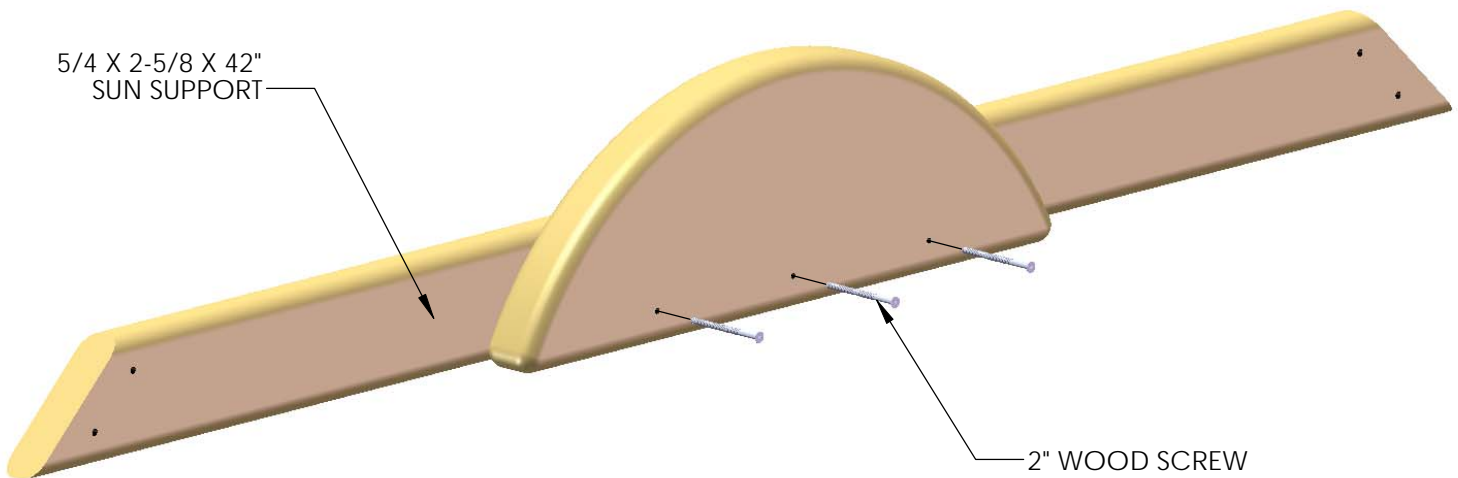


## STEP 26: SUNBURST

1: PRE-DRILL HOLES IN THE 2 X 6 X 16" SUN TO THE PATTERN SHOWN BELOW.

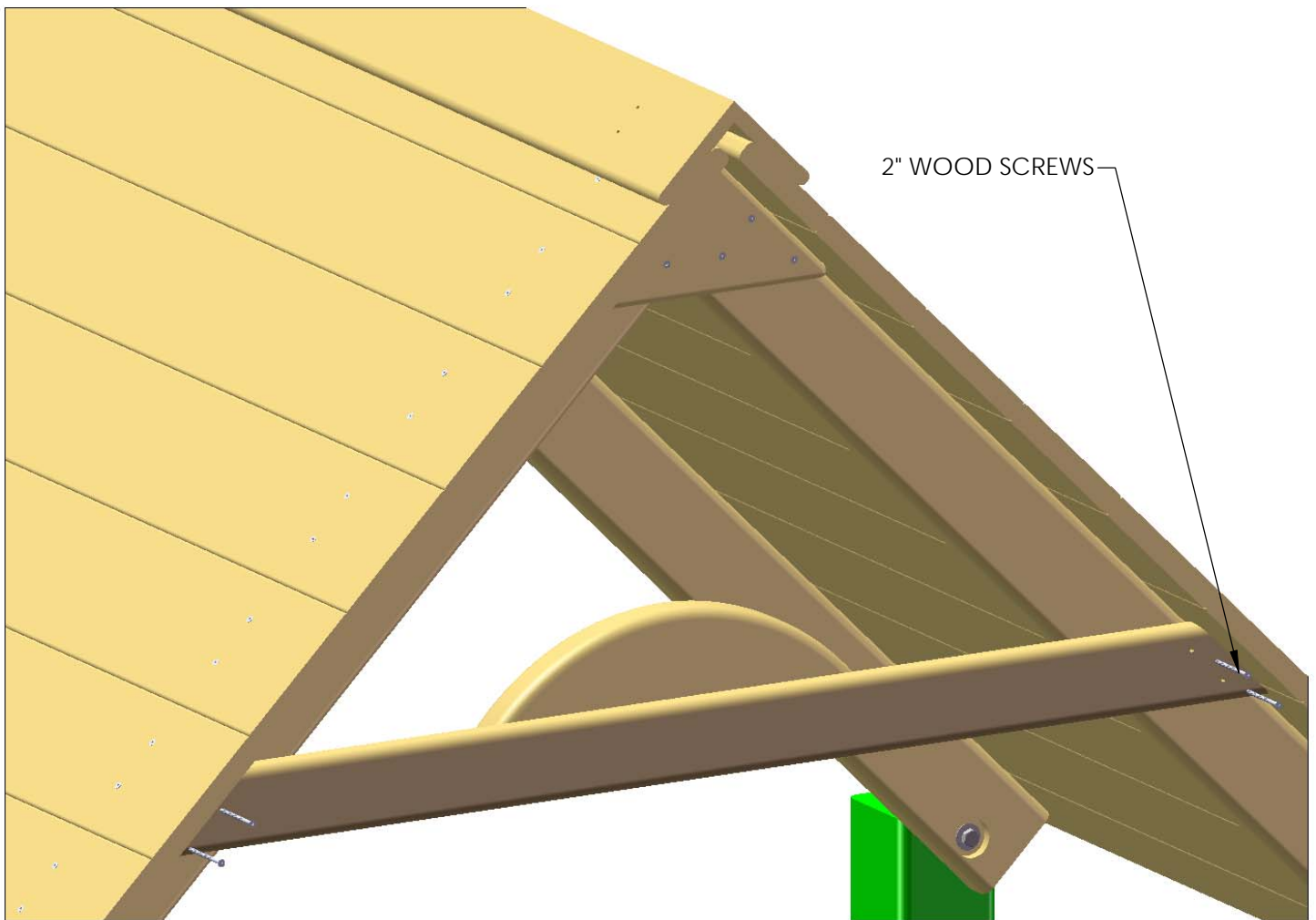


2: PLACE THE 2 X 6 X 16" SUN CENTERED AGAINST THE 5/4 X 2-5/8 X 42" SUN SUPPORT. FASTEN THE SUN TO THE SUN SUPPORT WITH 2" WOOD SCREWS. REPEAT THIS PROCESS FOR THE OTHER SIDE OF THE FORT.



## STEP 27: SUNBURST

- 1: PLACE THE ASSEMBLY MADE IN THE PREVIOUS STEP UNDERNEATH THE ROOF BOARDS, AND AGAINST THE ANGLED ROOF SUPPORTS. MAKE SURE THE ASSEMBLY IS LEVEL BEFORE PROCEEDING TO THE NEXT STEP.
- 2: FASTEN THE SUN ASSEMBLY TO THE FORT WITH 2" WOOD SCREWS FROM THE OUTSIDE INTO THE ROOF SUPPORTS.
- 3: REPEAT ON THE OPPOSITE SIDE OF THE FORT.



## STEP 28: SUNBURST

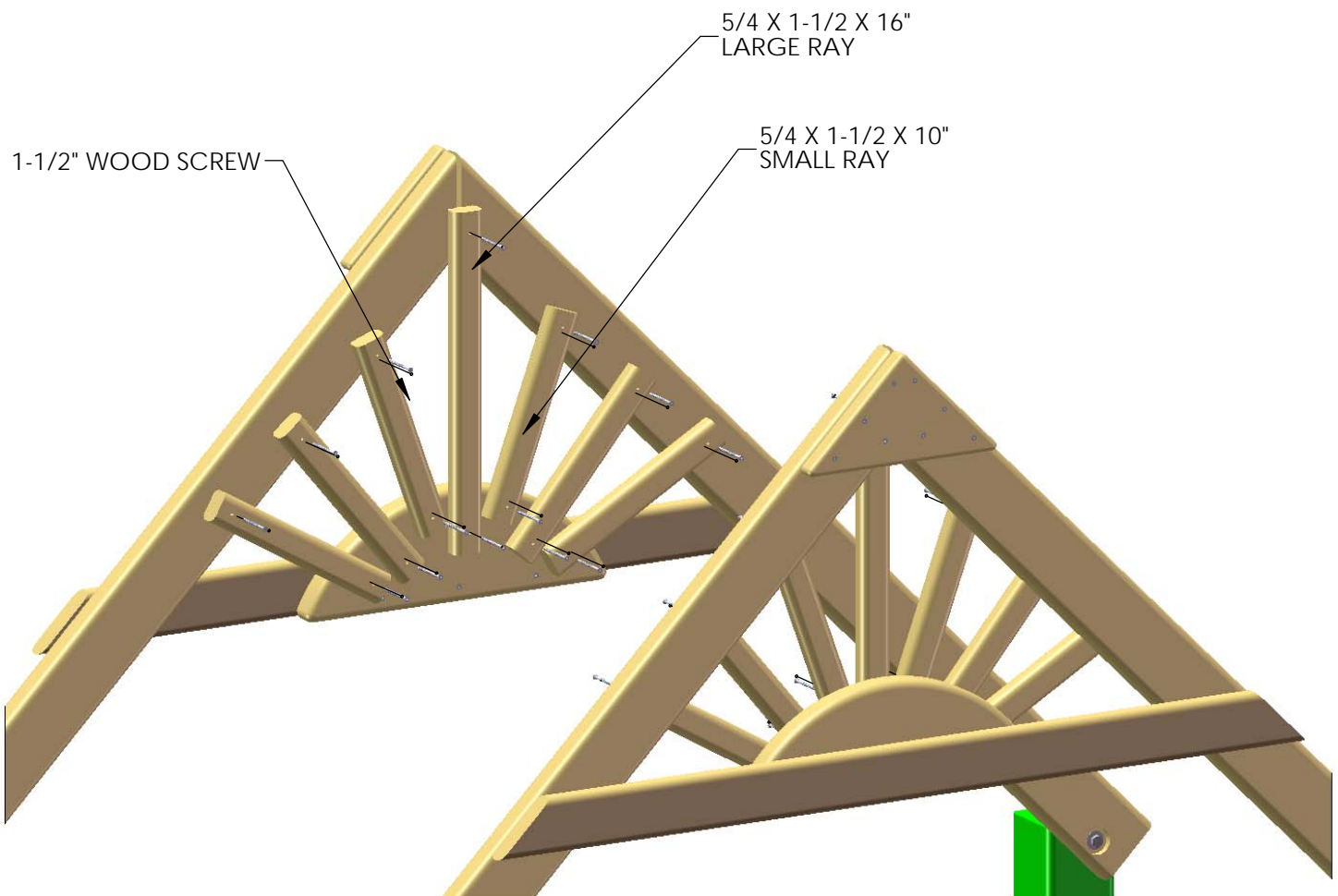
1: PREDRILL ALL SUNRAYS AT 3/4" ON CENTER FROM EACH END.

2: CENTER THE 5/4 X 1-1/2 X 16" LARGE RAY ONTO THE HALF SUN AND THE ROOF SUPPORT BOARDS AND FASTEN WITH TWO 1-1/2" SCREWS.

3: EQUALLY SPACE THE SMALL RAYS ABOUT THE HALF SUN (THREE ON EACH SIDE OF LARGE RAY) AND MARK THE POSITION OF THE SMALL SUNRAYS WITH A PENCIL.

4: SECURE THE SMALL SUNRAYS ONE AT A TIME TO THE HALF SUN AND THE ROOF SUPPORT BEAMS AND LINE THEM UP WITH THE MARK DRAWN. FASTEN THE SMALL SUNRAYS WITH TWO 1-1/2" WOOD SCREWS EACH. REPEAT ON OTHER SIDE OF FORT.

NOTE:  
ROOF BOARDS REMOVED FROM VIEW FOR CLARITY

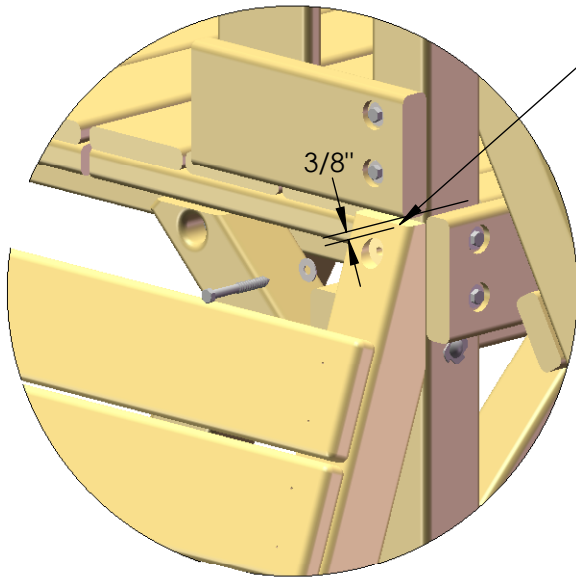


## STEP 29: ROCK WALL

1: PLACE THE 6 X 58 X 75" ROCK WALL AGAINST CORNER POSTS ON THE LEFT SIDE OF THE PLAY SET.

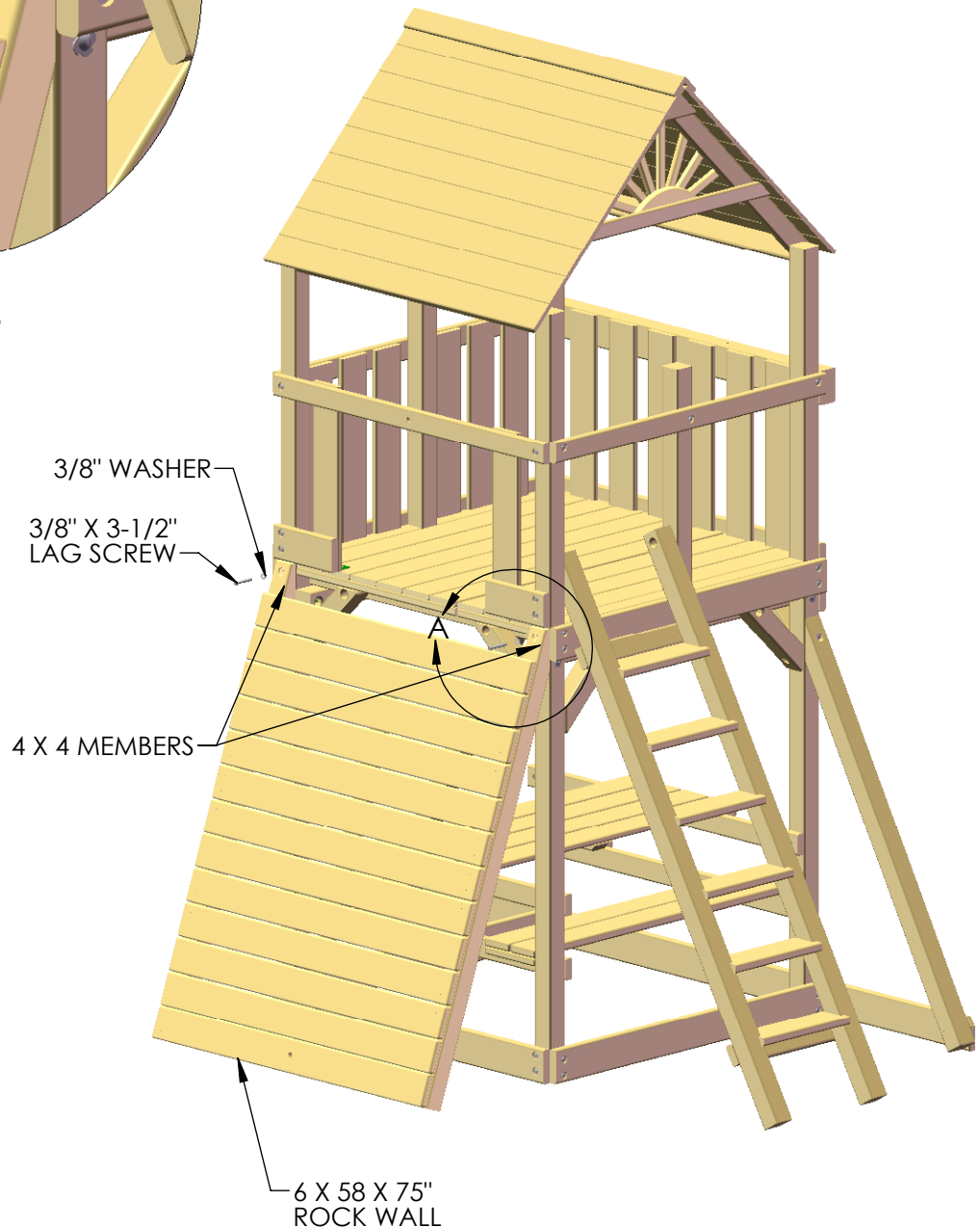
2: THE TOP SURFACE OF THE 4 X 4 MEMBERS OF THE ROCK WALL SHOULD BE 3/8" BELOW THE TOP SURFACE OF THE DECK BOARDS.

3: ATTACH THE 4 X 4 MEMBERS FROM THE ROCK WALL TO THE CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS.



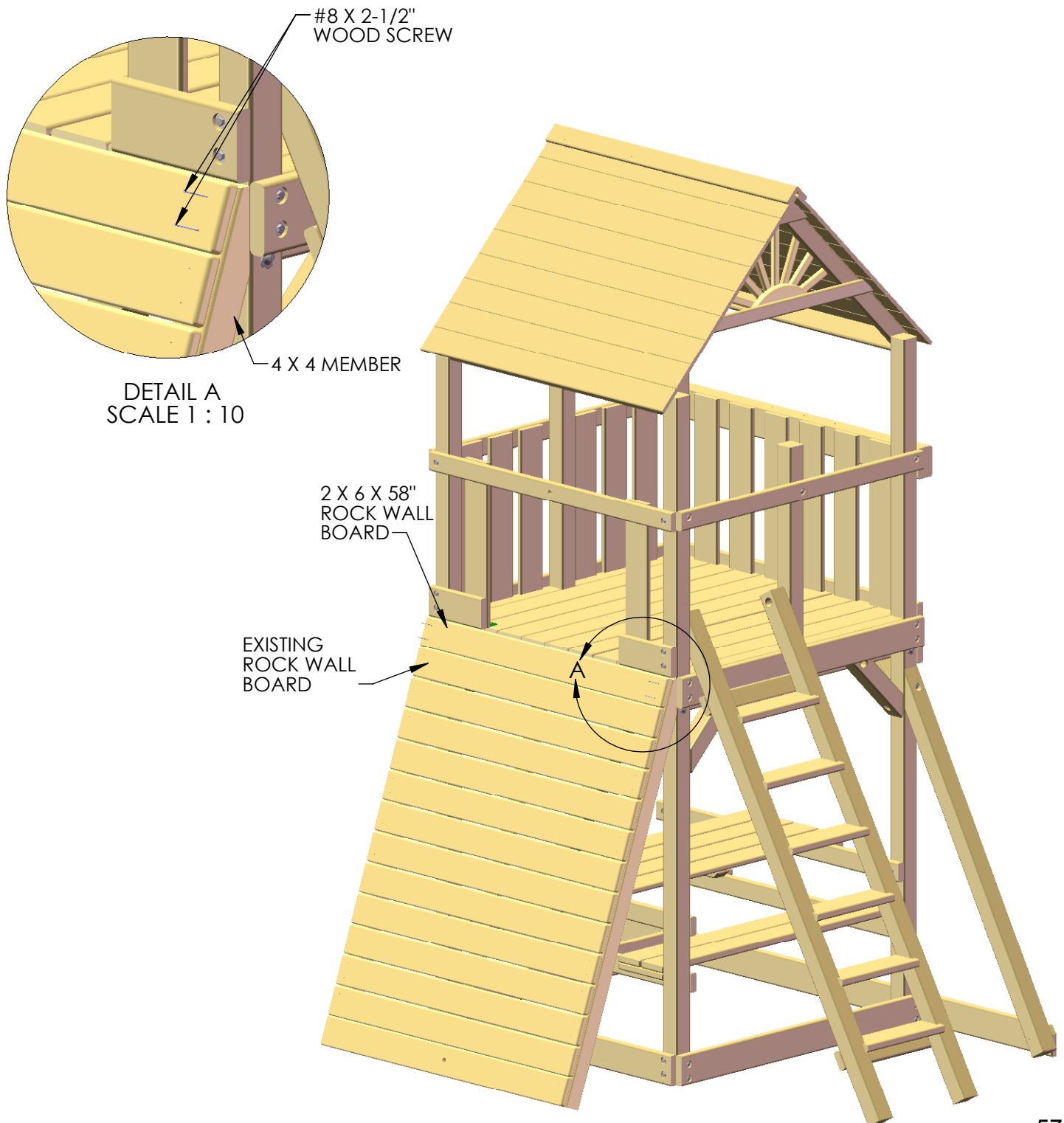
DETAIL A  
SCALE 1 : 8

PUT TOP SURFACE OF THE 4 X 4 MEMBER  
3/8" BELOW THE TOP SURFACE OF THE  
DECK BOARDS.



## STEP 30: ROCK WALL

- 1: LOCATE ONE 2 X 6 X 58" ROCK WALL BOARD.
- 2: PLACE THE ROCK WALL BOARD ON TOP OF THE EXISTING ROCK WALL BOARD.
- 3: MAKE THE ROCK WALL BOARD FLUSH WITH THE EXISTING ROCK WALL BOARD.
- 4: ATTACH THE ROCK WALL BOARD TO THE 4 X 4 MEMBER WITH FOUR #8 X 2-1/2" WOOD SCREWS CAREFULLY SO YOU AVOID HITTING THE LAG SCREWS AND WASHERS YOU INSTALLED IN THE PREVIOUS STEP.



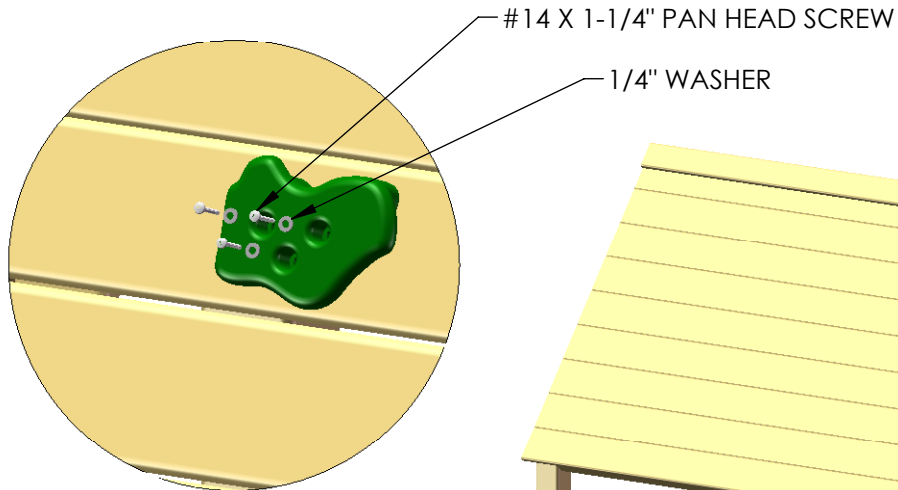


## STEP 31: ROCK WALL

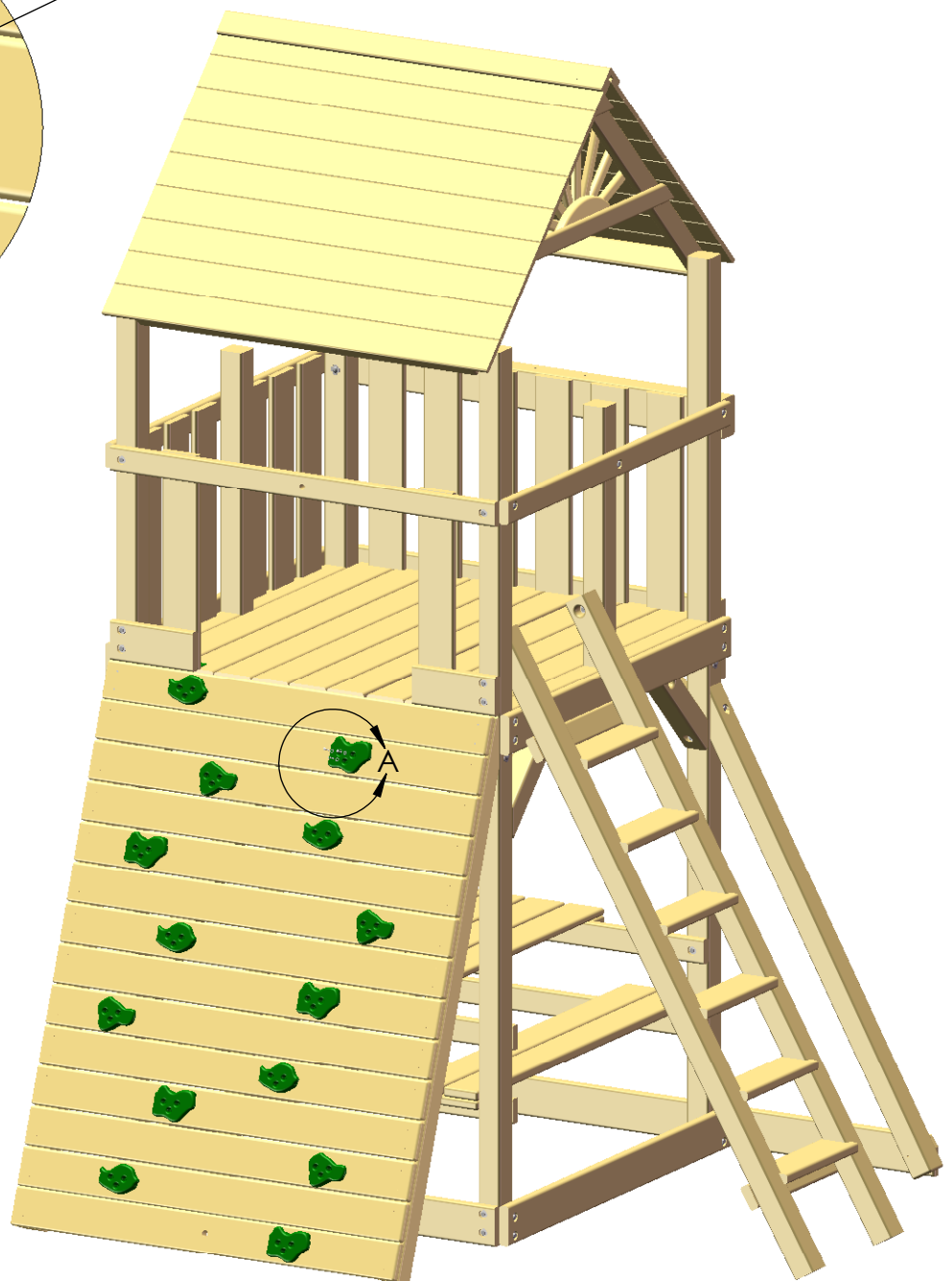
1: LOCATE 15 ROCKS WITH HARDWARE. HARDWARE IS INCLUDED IN THE BAG WITH THE ROCKS.

2: MOUNT THE ROCKS IN A STAGGERED PATTERN ON THE ROCK WALL BOARDS. THREE #14 X 1-1/4" PAN HEAD SCREWS AND THREE 1/4" FLAT WASHERS WILL SECURE EACH ROCK TO THE ROCK WALL.

3: NOTE: THE IMAGE SHOWN BELOW IS A GENERIC ARRANGEMENT OF ROCKS ON THE ROCK WALL. YOUR ACTUAL CONFIGURATION MAY BE DIFFERENT THAN WHAT YOU SEE BELOW. ROCKS CAN BE ARRANGED IN ANY PATTERN AS LONG AS THEY WILL ALLOW PROPER ACCESS TO THE PLAY SET. BE CREATIVE!



DETAIL A  
SCALE 1 : 6





## STEP 32: ROCK WALL

1: LOCATE THE 14 FOOT LONG ROPE.

2: TIE A KNOT IN ONE END OF THE ROPE. THREAD THE OTHER END OF THE ROPE THROUGH THE BACK SIDE OF THE BOTTOM ROCK WALL BOARD.

3: YOU MAY TIE UP TO THREE KNOTS SPACED APPROXIMATELY 18" APART IN THE ROPE TO AID IN CLIMBING.

4: THREAD THE END OF THE ROPE THROUGH THE HOLE IN FRONT SIDE OF THE 2 X 4 X 58" TOP ROCK WALL BOARD.

5: TIE A KNOT IN THE END OF THE ROPE.

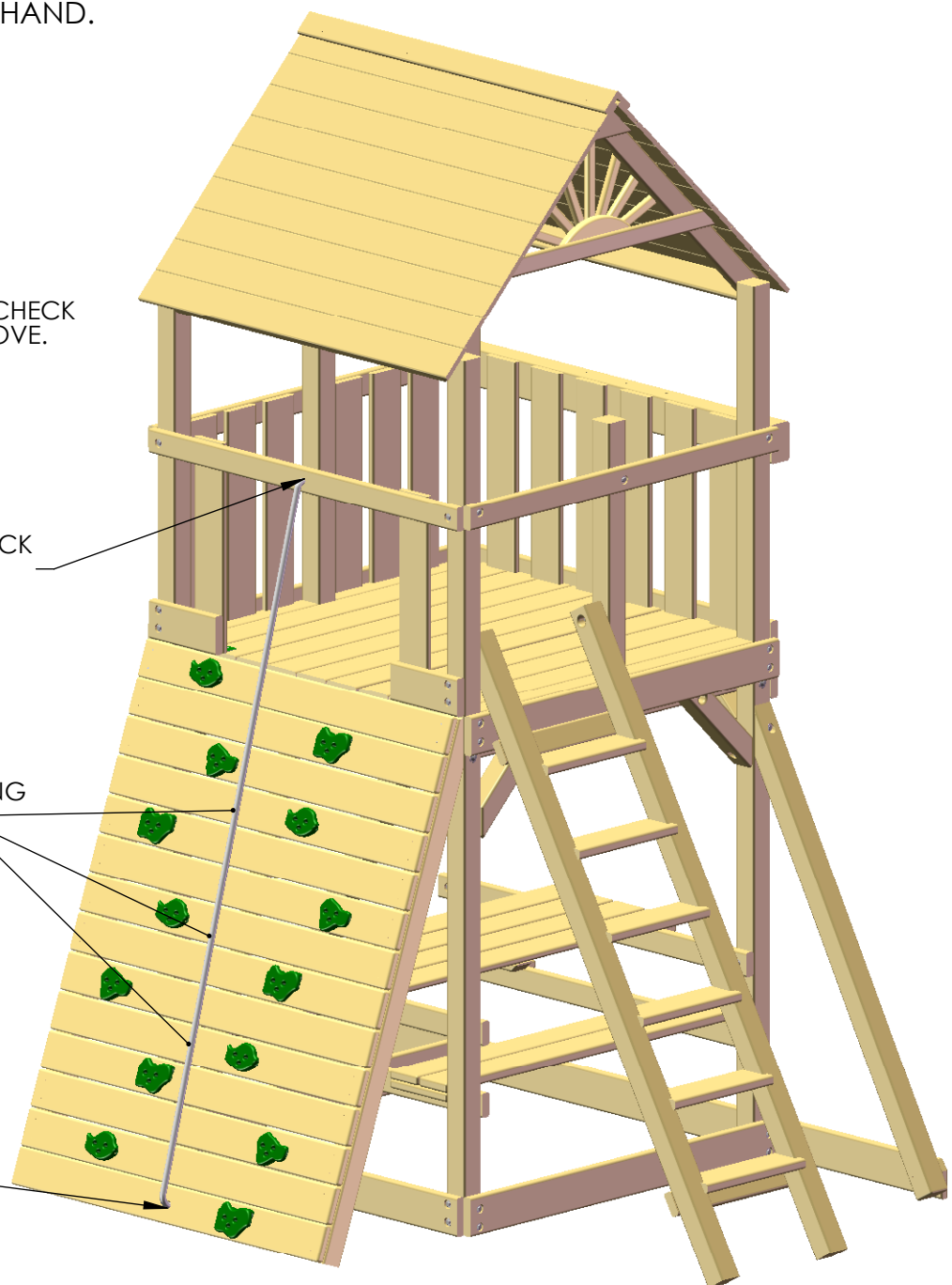
**SAFETY CHECK:** GO TO THE FRONT OF THE ROCK WALL. TAKE THE ROPE AND ATTEMPT TO WRAP IT AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. UNTIE THE KNOT BEHIND THE TOP ROCK WALL BOARD AND RETIE THE ROPE UNTIL IT NO LONGER WRAPS AROUND YOUR HAND.

FORTH:  
PERFORM SAFETY CHECK  
AS DESCRIBED ABOVE.

THIRD:  
TIE KNOT BEHIND  
2 X 4 X 58" TOP ROCK  
WALL BOARD.

SECOND:  
TIE UP TO THREE  
KNOTS SPACED  
ABOUT 18" APART  
TO AID IN CLIMBING  
IF YOU WISH.

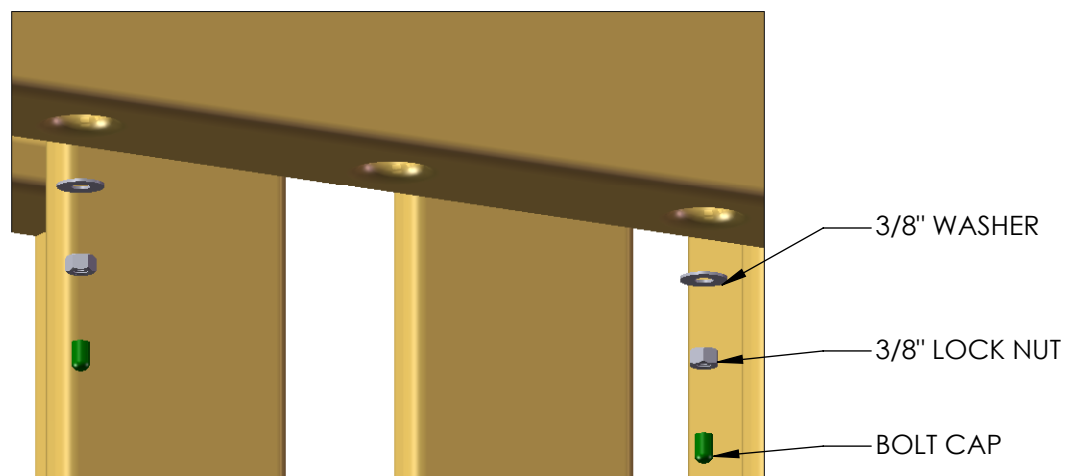
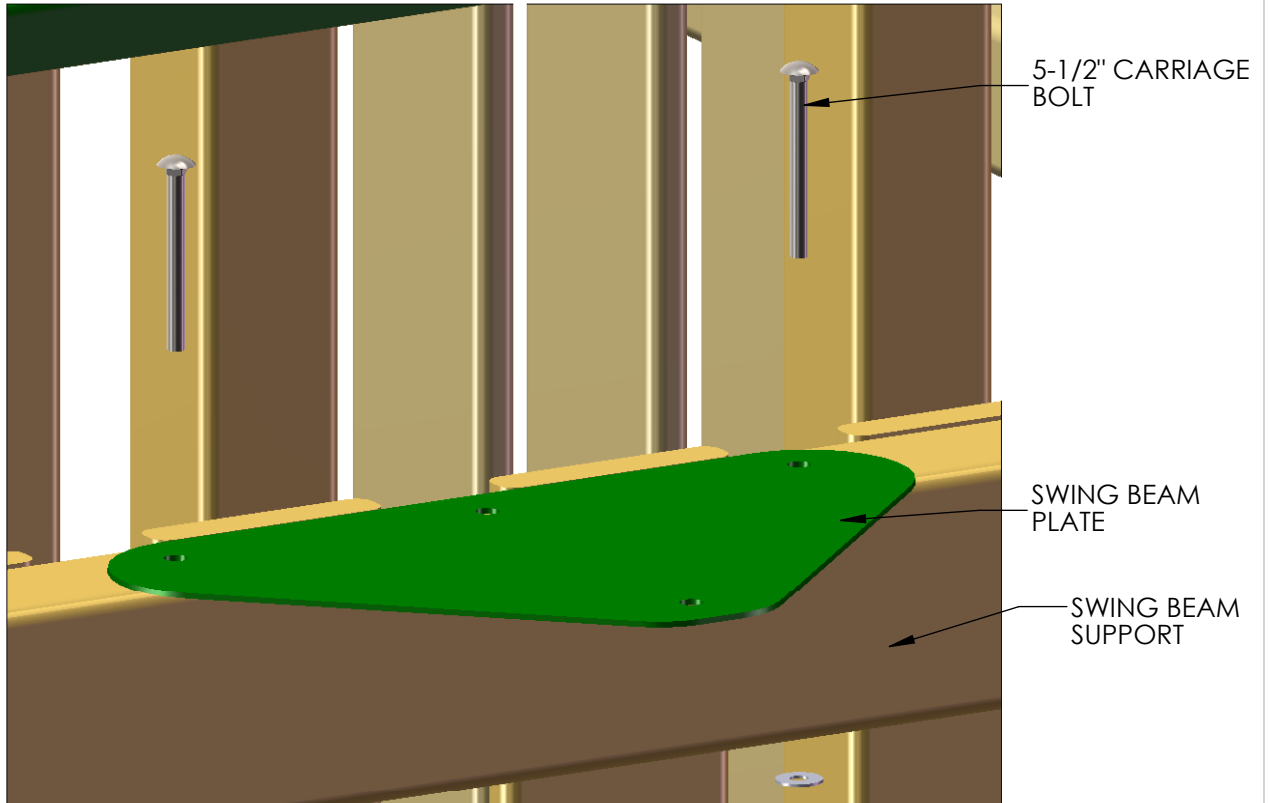
FIRST:  
TIE KNOT BEHIND  
BOTTOM ROCK  
WALL BOARD.



## STEP 33: SWING BEAM SUPPORT PLATE

1: PLACE THE SWING BEAM PLATE ON TOP OF THE SWING BEAM SUPPORT, LINING UP PILOT HOLES. THE SWING BEAM PLATE WILL HANG OVER THE SWING BEAM SUPPORT ON THE RIGHT SIDE OF THE PLAYSET.

2: FASTEN THE SWING BEAM PLATE TO THE SWING BEAM SUPPORT USING 5-1/2" CARRIAGE BOLTS FROM THE TOP, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH. LEAVE THE MIDDLE HOLE EMPTY, IT WILL BE USED LATER. USE GREEN BOLT CAPS TO COVER ANY EXPOSED THREADS.

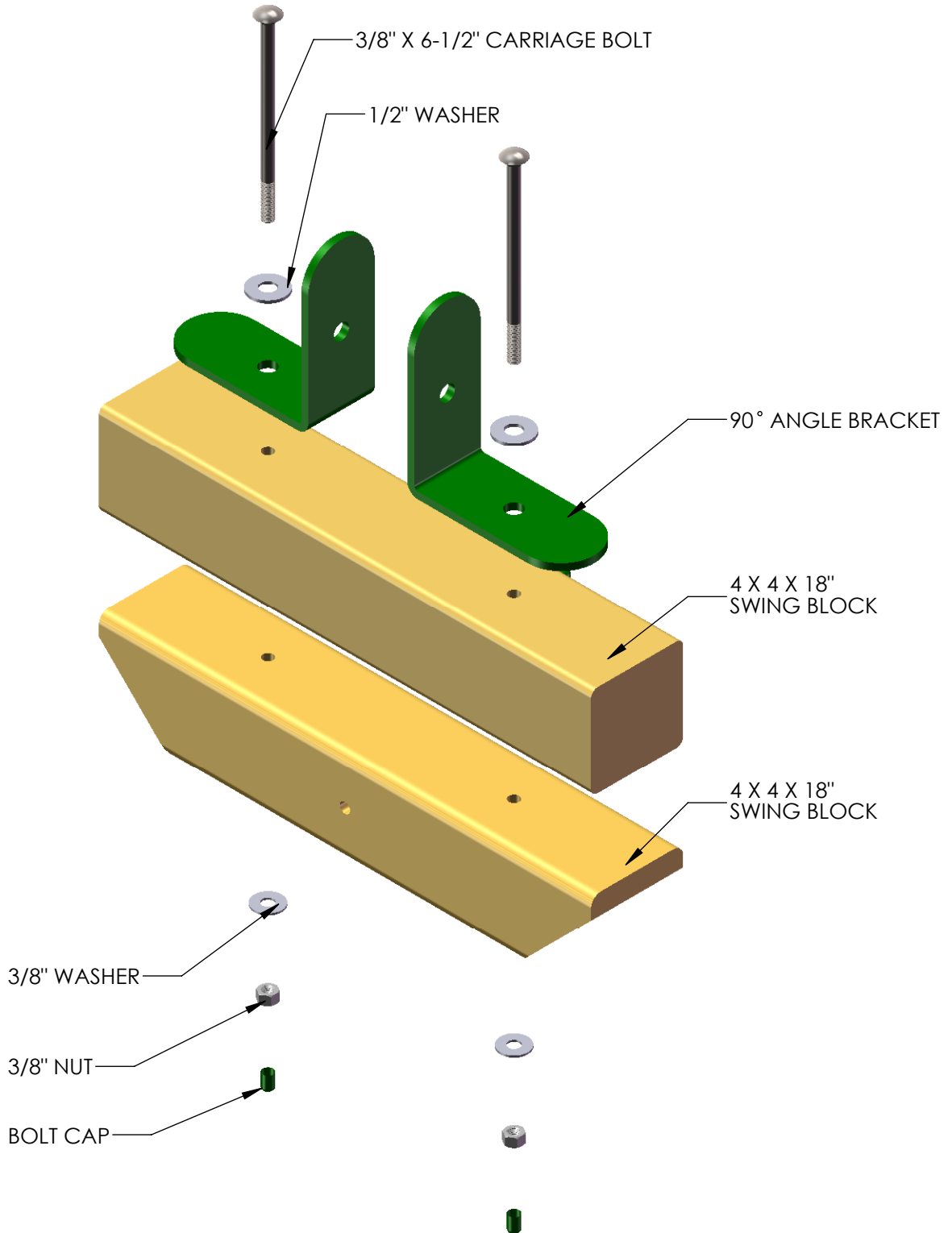


# STEP 34: SWING BEAM

1: BOLT SWING BLOCK SUPPORTS TOGETHER WITH 3/8" X 6-1/2" CARRIAGE BOLTS AND 1/2" WASHERS THROUGH THE 90° ANGLE BRACKETS.

2: USE 3/8" WASHERS AND 3/8" LOCK NUTS ON BOTTOM SIDE OF BLOCK. YOU MAY HAVE TO USE VISE GRIPS ON THE CARRIAGE BOLTS WHILE TIGHTENING THE LOCK NUTS.

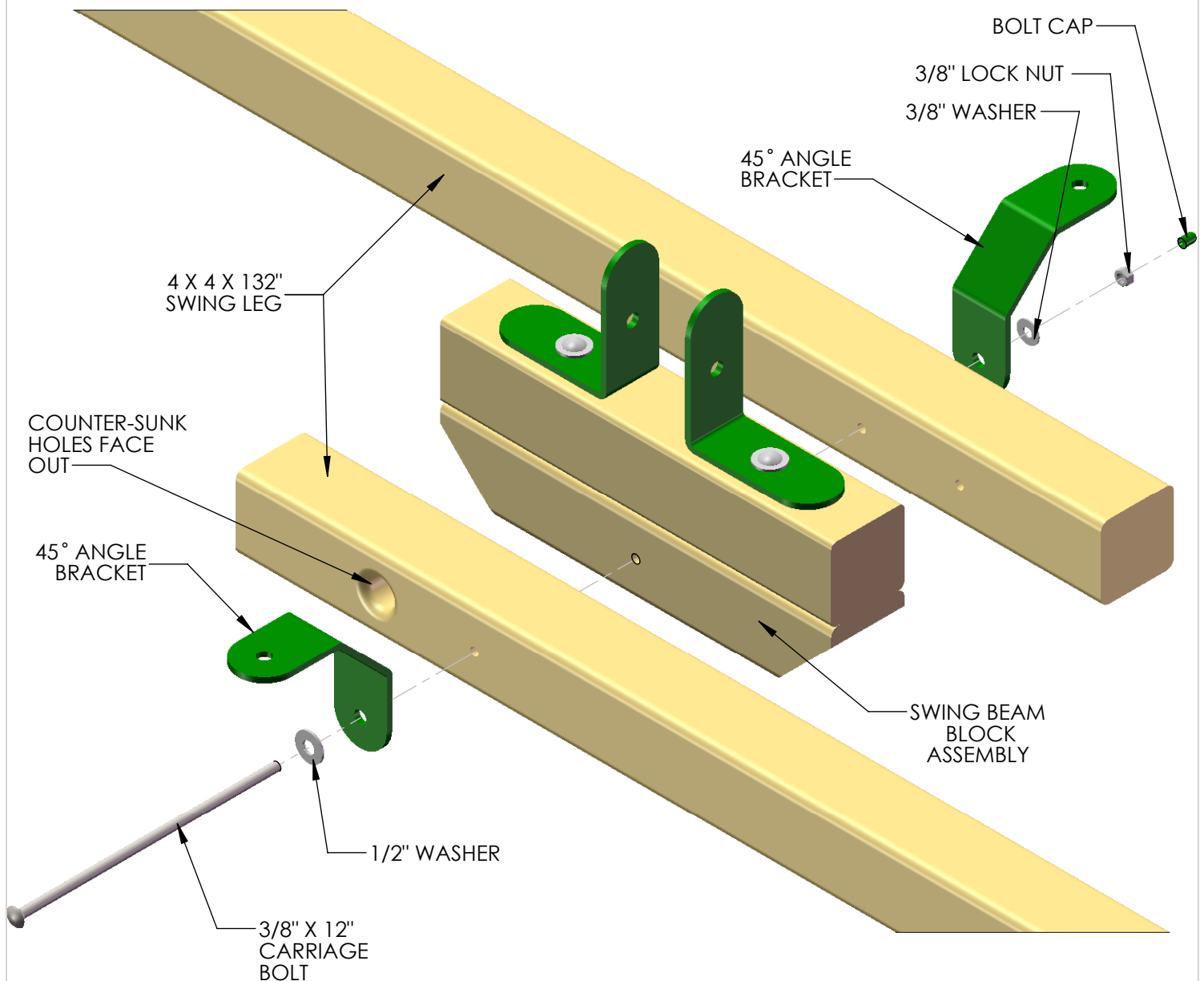
3: USE BOLT CAPS TO COVER ANY EXPOSED THREADS



## STEP 35: SWING BEAM

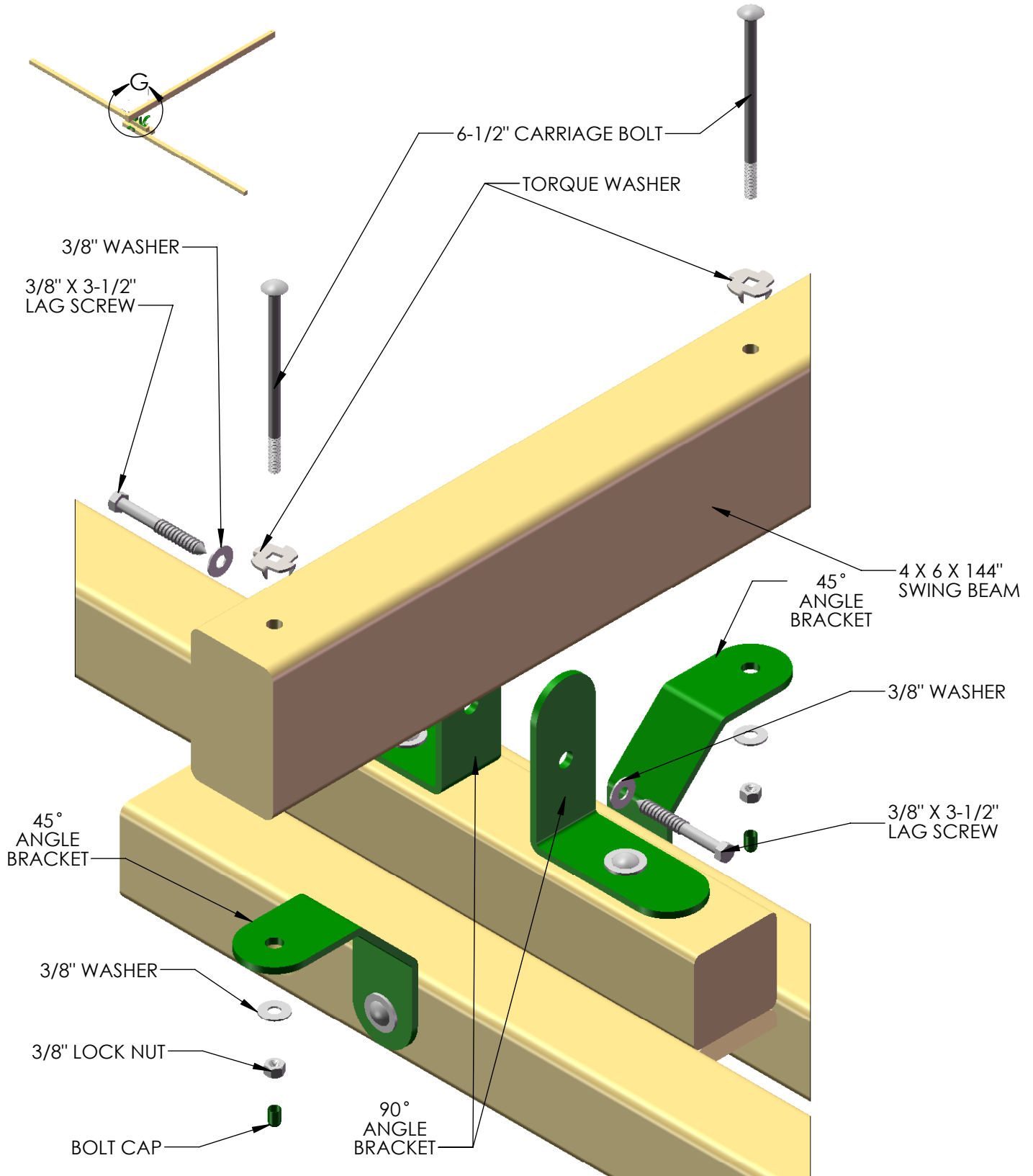
- 1: PLACE SWING BEAM BLOCK ASSEMBLY ON THE GROUND.
- 2: PLACE THE 4 X 4 X 132" SWING BEAM LEGS(COUNTER-SUNK HOLES FACE OUT) BESIDE THE SWING BEAM BLOCK.
- 3: HOLD IN PLACE AND SLIDE 12" CARRIAGE BOLT WITH 1/2" WASHER THROUGH THE 45° ANGLE BRACKET, 4 X 4 X 132" SWING LEG, SWING BEAM BLOCK ASSEMBLY, 4 X 4 X 132" SWING LEG, AND 45° ANGLE BRACKET.
- 4: USE A 3/8" LOCK NUT WITH A 3/8" WASHER ON THE OPPOSITE SIDE. USE A BOLT CAP TO COVER ANY EXPOSED THREADS. YOU MAY NEED TO USE A PAIR OF VISE GRIPS TO HOLD THE HEAD OF THE CARRIAGE BOLT WHILE YOU TIGHTEN THE LOCK NUT.

NOTE: DO NOT FULLY TIGHTEN THE LOCK NUT AT THIS TIME. THE LEGS WILL NEED TO BE ABLE TO BE ADJUSTED LATER.



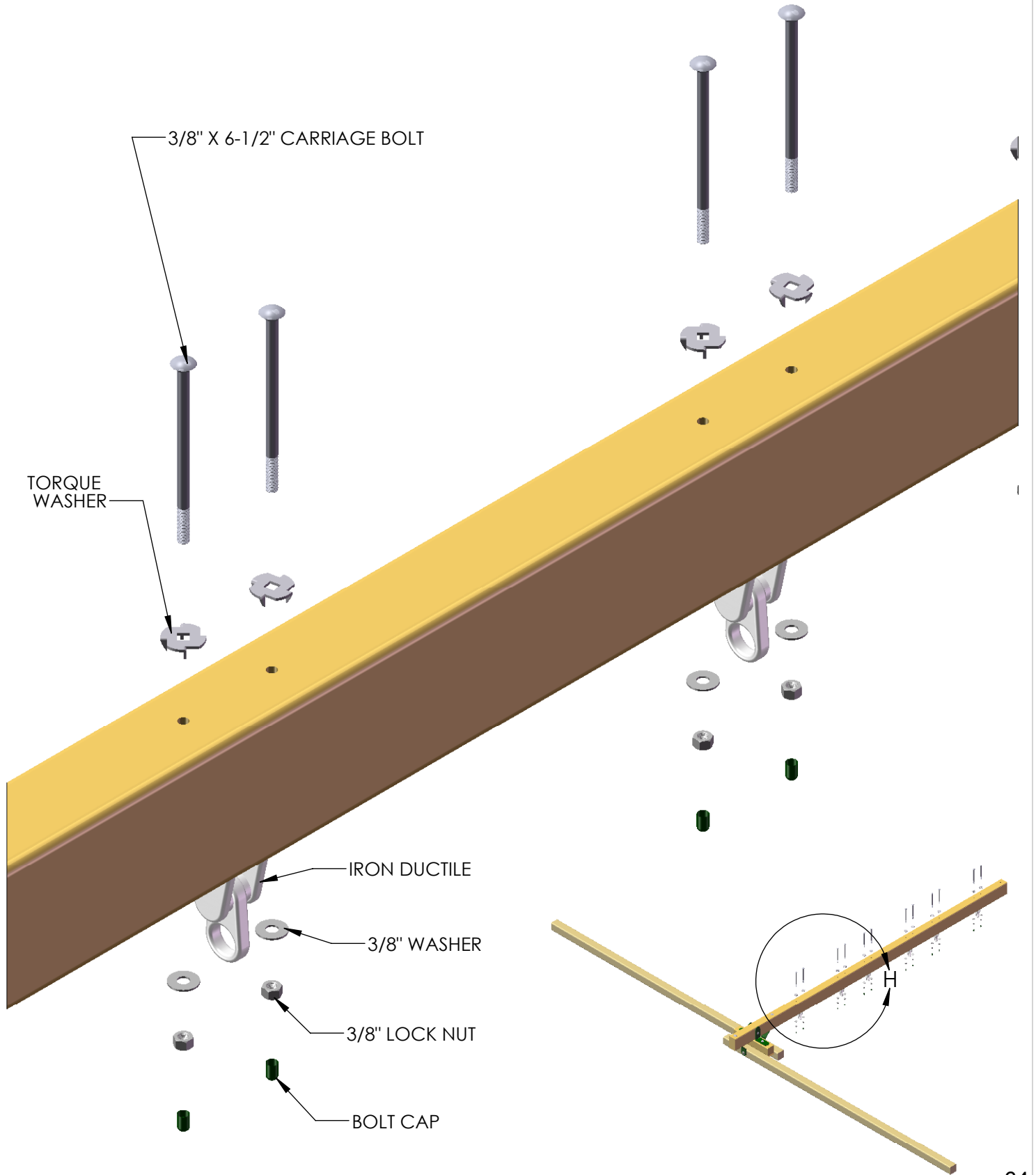
# STEP 36: SWING BEAM

- 1: PLACE 4 X 6 X 144" SWING BEAM BETWEEN THE 90° ANGLE BRACKETS.
- 2: FASTEN THE SWING BEAM TO THE 45° ANGLE BRACKETS USING 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS ON TOP. USE 3/8" WASHERS WITH 3/8" LOCK NUTS ON THE BOTTOM OF THE 45° ANGLE BRACKETS.
- 3: PLACE BOLT CAPS OVER ANY EXPOSED THREADS OF THE 3/8" X 6-1/2" CARRIAGE BOLTS.
- 4: USE 3/8" X 3-1/2" LAG SCREWS WITH 3/8" WASHERS TO ATTACH THE 90° ANGLE BRACKETS TO THE 4 X 6 X 144" SWING BEAM. ANGLE THE SCREWS UP OR DOWN SLIGHTLY ON EACH END TO PREVENT INTERFERENCE.



## STEP 37: SWING BEAM

- 1: LINE UP THE HOLES OF THE IRON DUCTILE SWING HANGERS WITH THE HOLES IN THE SWING BEAM..
- 2: FASTEN EACH IRON DUCTILE SWING HANGER TO THE SWING BEAM USING 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS, AND 3/8" WASHERS WITH 3/8" LOCK NUTS.
- 3: PLACE BOLT CAPS OVER EXPOSED THREADS.



## STEP 38: MOUNT SWING BEAM TO FORT

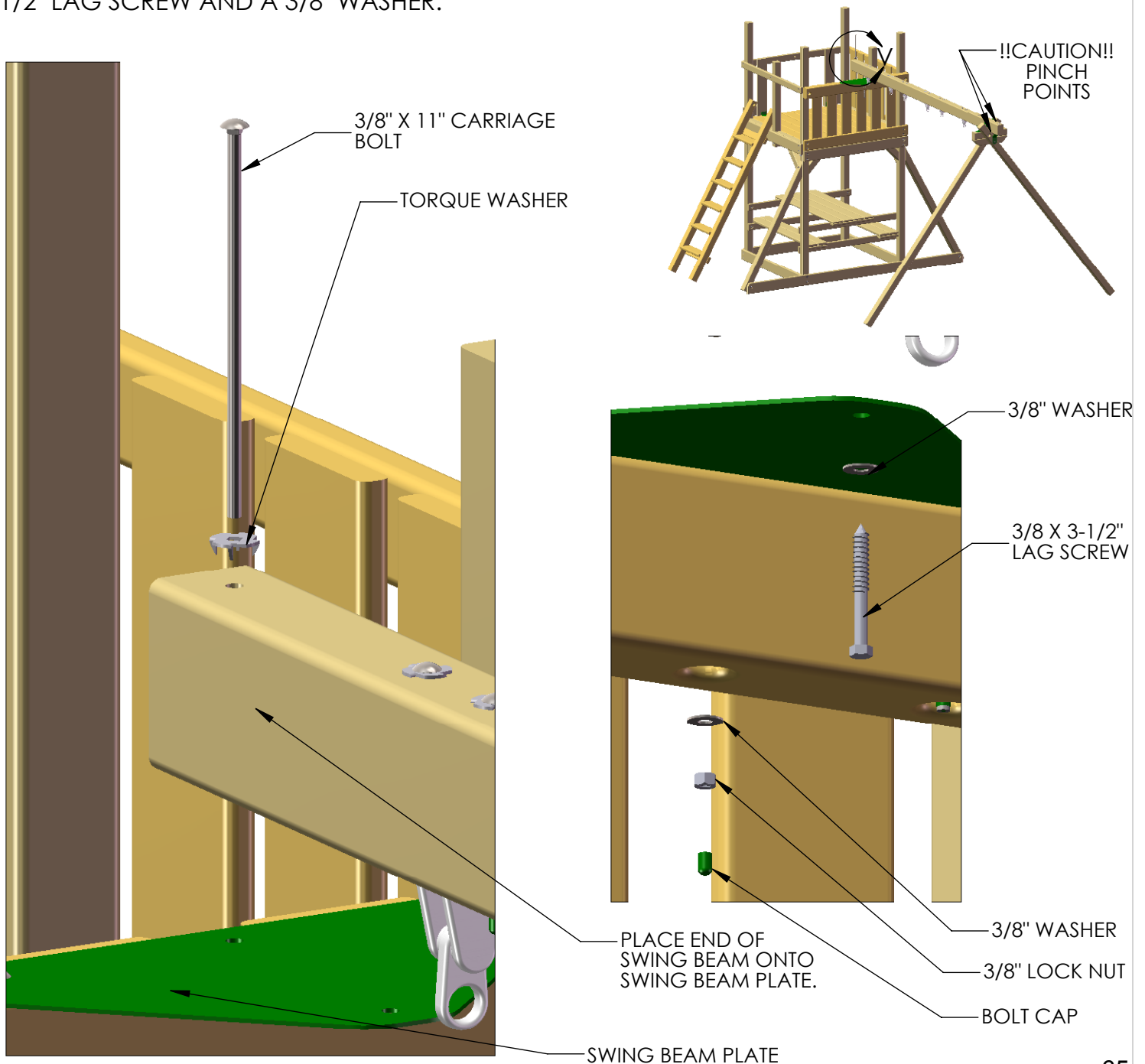
\*AN EXTRA PERSON IS REQUIRED FOR THIS STEP

1: PICK UP THE SWING BEAM AND LEG ASSEMBLY. AS YOU LIFT THE BEAM, THE LEGS WILL SCISSOR CLOSER TOGETHER. **KEEP CHILDREN AWAY DURING THIS STEP. AS THE LEGS CLOSE, THEY CREATE A PINCH POINT AND COULD CAUSE SERIOUS INJURY!** PLACE THE END OF THE SWING BEAM ON TOP OF THE SWING BEAM PLATE.

2: LINE UP THE PILOT HOLE ON THE END OF THE SWING BEAM WITH THE MIDDLE HOLE ON THE SWING BEAM PLATE.

3: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE AND SWING BEAM SIDE RAIL USING A 3/8" X 11" CARRIAGE BOLT WITH A TORQUE WASHER ON TOP AND A 3/8" LOCK NUT AND 3/8" WASHER ON THE BOTTOM. PLACE GREEN BOLT CAPS OVER EXPOSED THREADS AFTER SECURING.

4: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE FROM UNDERNEATH WITH A 3/8" X 3-1/2" LAG SCREW AND A 3/8" WASHER.

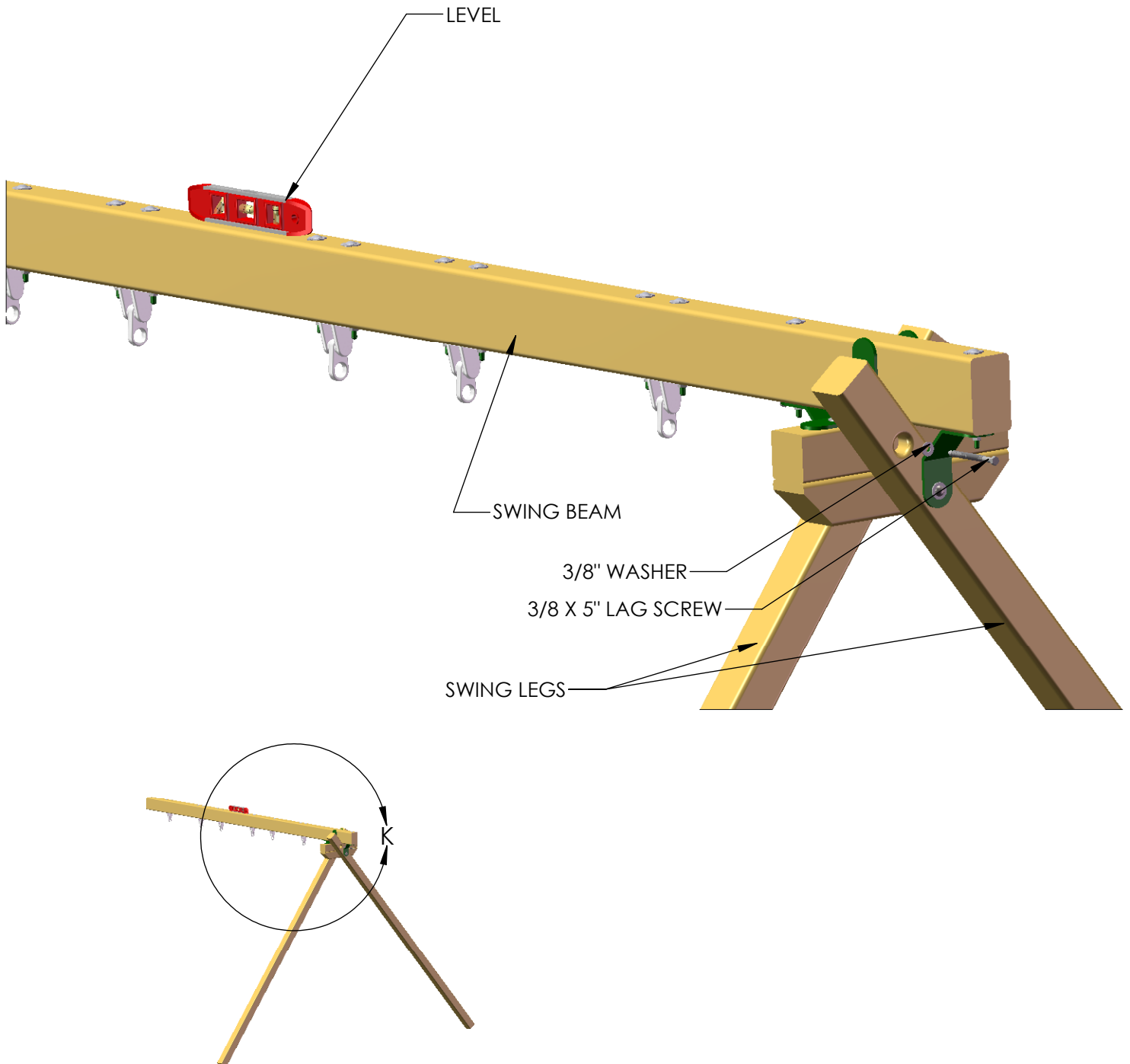


## STEP 39: SWING BEAM LEGS

1: USE THE SWING BEAM LEGS TO LEVEL THE SWING BEAM. MOVING THE SWING LEGS CLOSER TOGETHER WILL RAISE THE SWING BEAM UP. MOVING THE SWING LEGS FURTHER APART WILL LOWER THE SWING BEAM.

2: FASTEN THE SWING BEAM LEGS TO THE SWING BLOCK ASSEMBLY WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS IN EACH COUNTERSUNK HOLE.

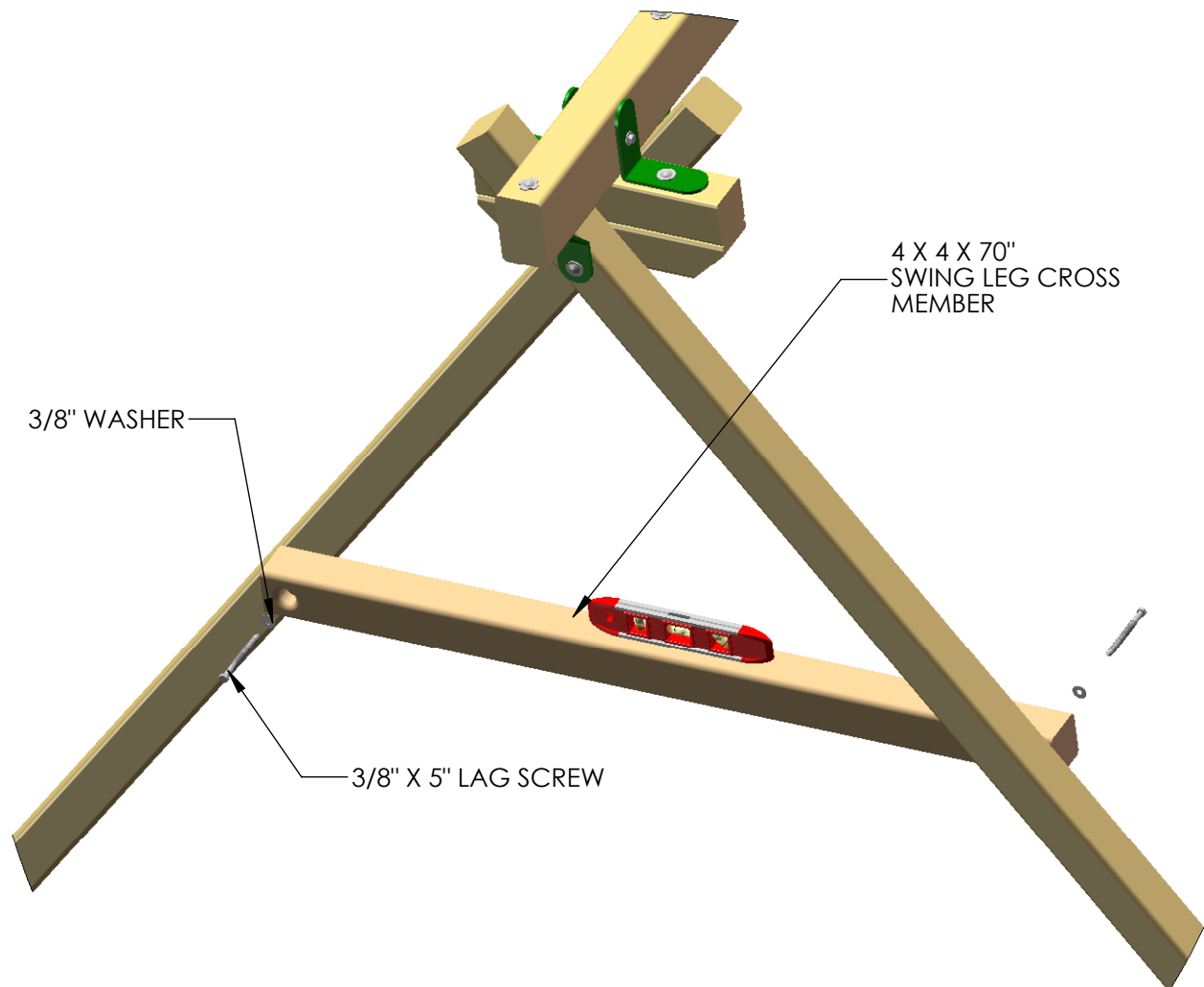
3: TIGHTEN THE 3/8" X 12" CARRIAGE BOLT THAT WAS INSTALLED EARLIER. YOU MAY NEED TO USE VISE GRIPS TO HOLD THE CARRIAGE BOLT HEAD WHEN TIGHTENING THE LOCK NUT.





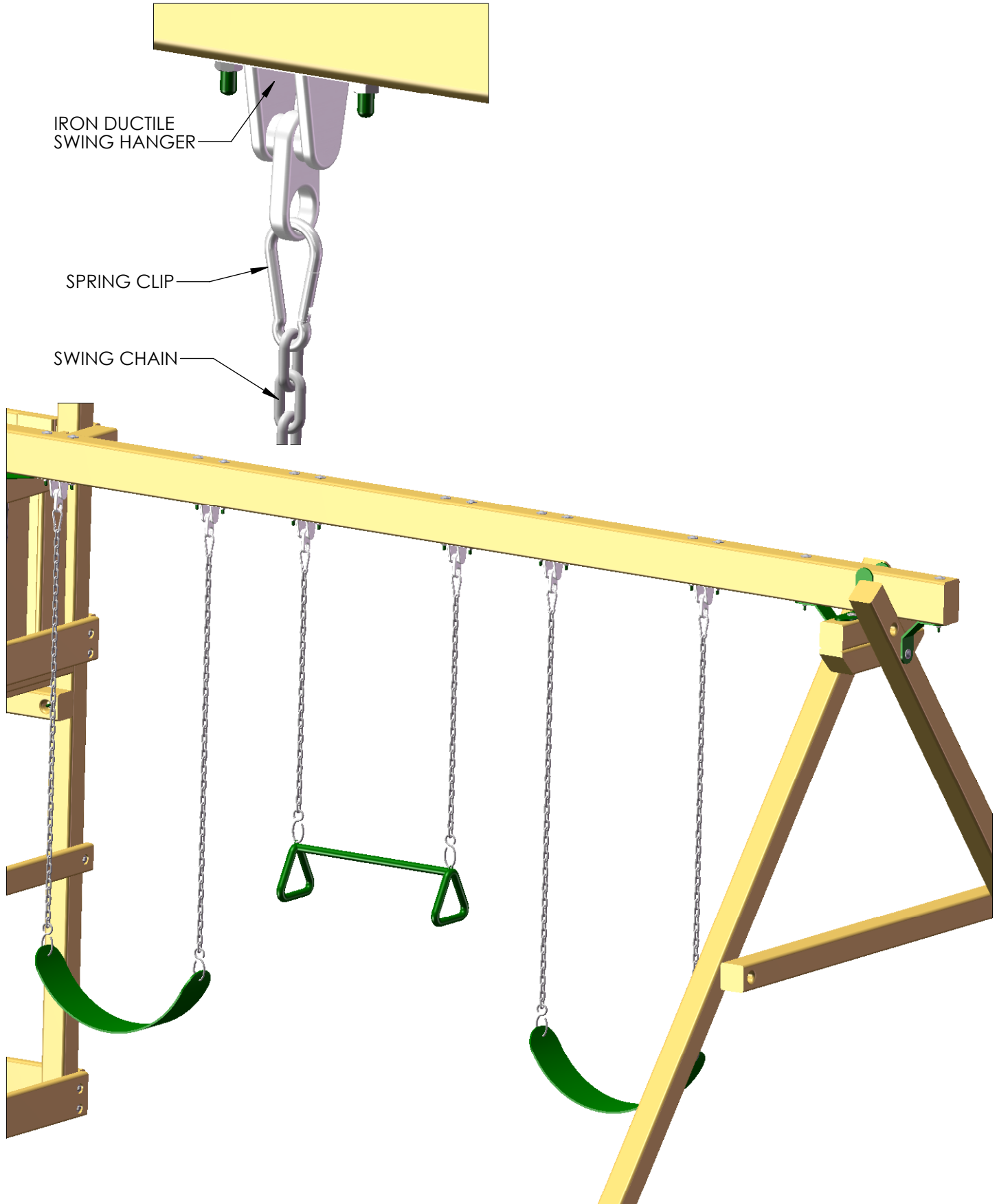
## STEP 40: SWING BEAM CROSS MEMBER

1: PLACE THE 4 X 4 X 70" SWING LEG CROSS MEMBER AGAINST THE SWING LEGS AND LEVEL. FASTEN 4 X 4 CROSS MEMBER TO 4 X 4 SWING LEGS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



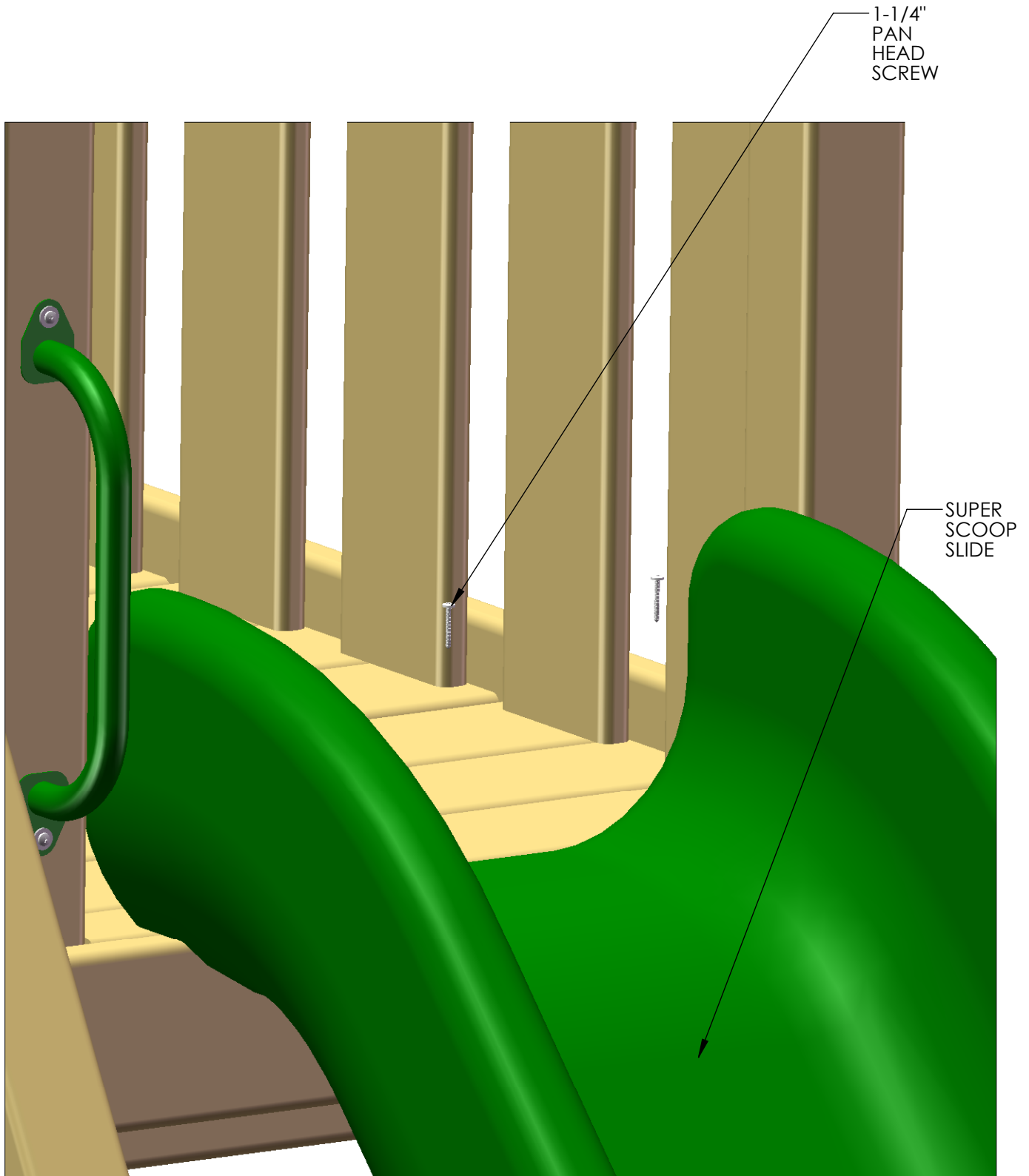
## STEP 41: SWINGS

1: HANG THE SWINGS FROM THE IRON DUCTILE SWING HANGERS USING THE SPRING CLIPS. ADJUST HEIGHT IF NECESSARY.



## STEP 42: SLIDE

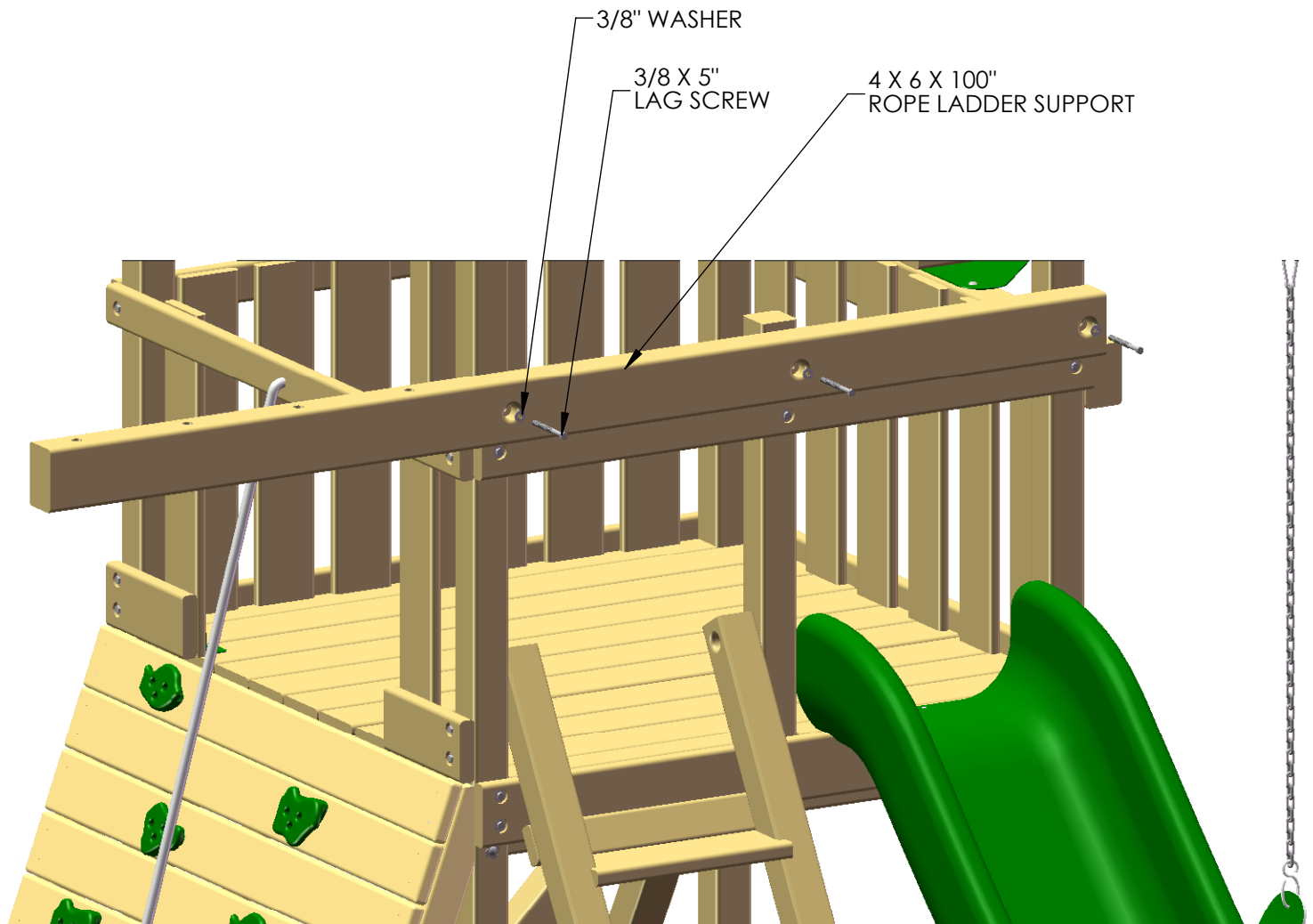
1: CENTER THE SUPER SCOOP SLIDE IN THE OPENING BESIDE THE LADDER AND SECURE IT TO THE DECK BOARD WITH THREE 1-1/4" PAN HEAD SCREWS.



## STEP 43: ROPE LADDER SUPPORT

1: PLACE THE 4 X 6 X 100" ROPE LADDER SUPPORT ON TOP OF THE SAFETY BOARD.

2: ATTACH THE ROPE LADDER SUPPORT TO THE CORNER AND CENTER POSTS USING 3/8 X 5" LAG SCREWS WITH 3/8" WASHERS.

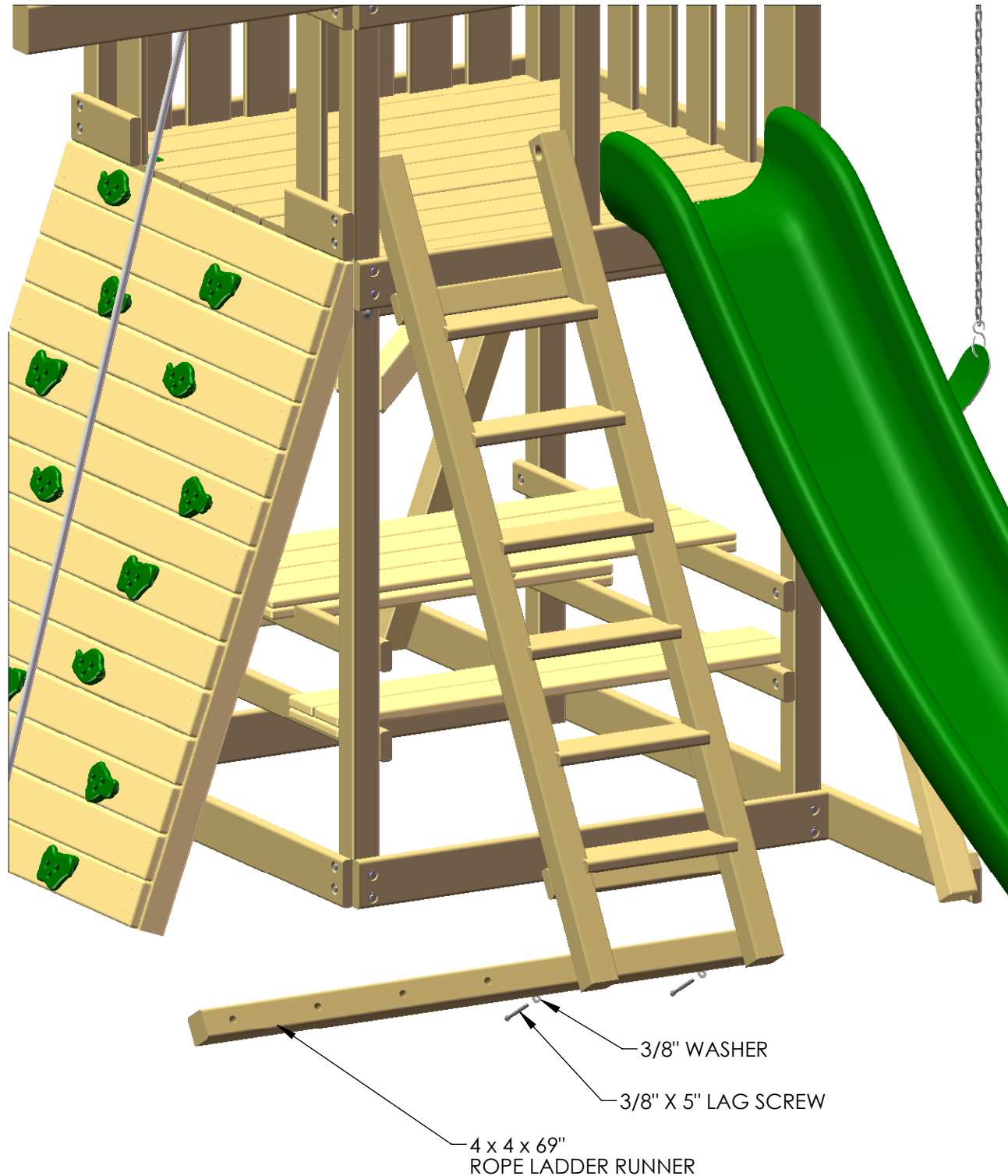


## STEP 44: ROPE LADDER RUNNER

1: SWING THE LADDER ASSEMBLY OUT FROM THE PLAYSET. IF THE LADDER ASSEMBLY IS TOO TIGHT, LOOSEN THE LAG SCREWS ENOUGH TO ALLOW THE LADDER TO SWING FREELY.

2: FIND THE 4 X 4 X 69" ROPE LADDER RUNNER. THE ROPE LADDER RUNNER WILL INSTALL APPROXIMATELY 1" FROM THE BOTTOM OF THE LADDER ASSEMBLY. THE COUNTERSUNK HOLES WHERE THE LAG SCREWS ATTACH WILL FACE AWAY FROM THE LADDER.

3: ATTACH THE ROPE LADDER RUNNER TO THE LADDER WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

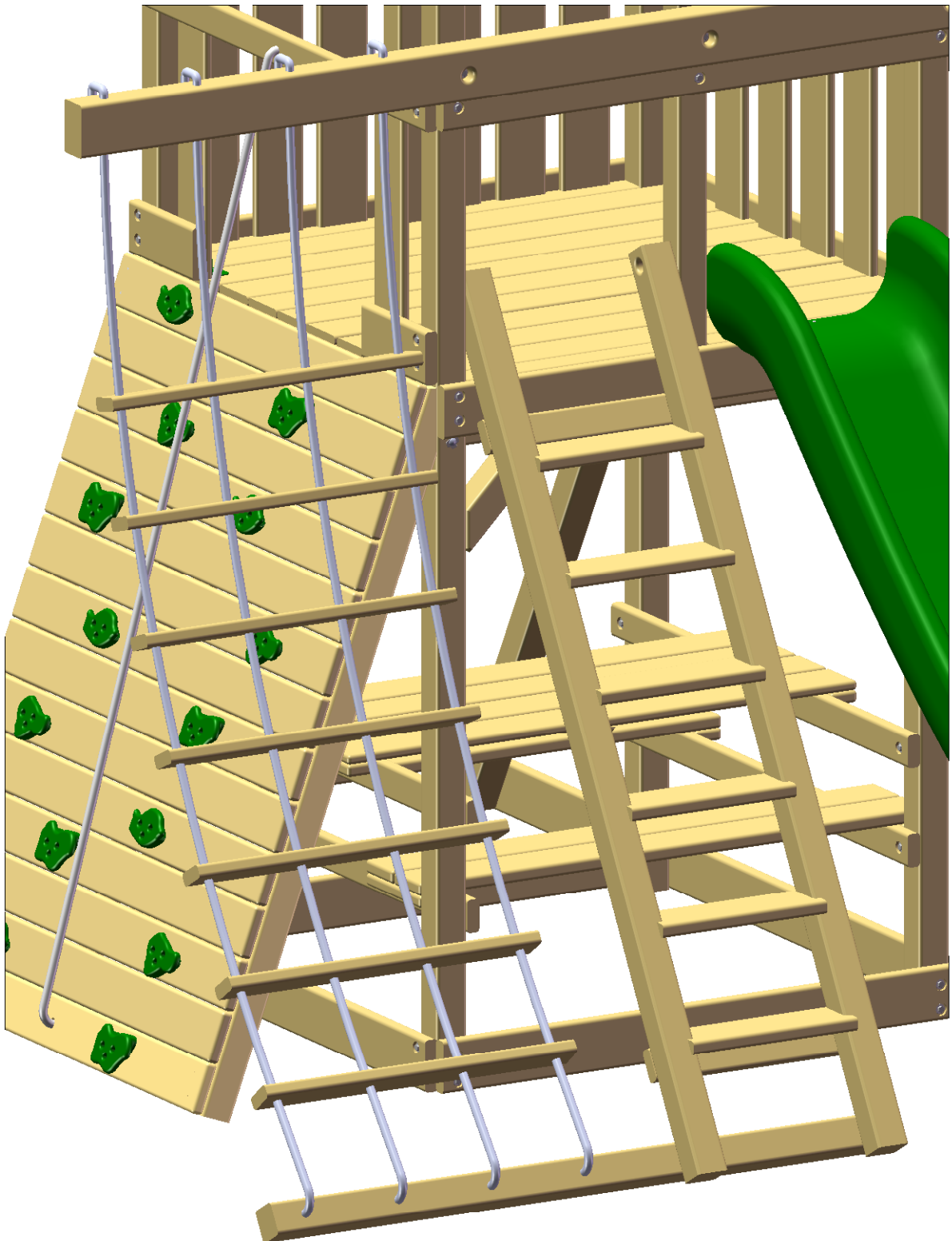


## STEP 45: ROPE LADDER

1: THREAD THE ROPE THROUGH THE HOLES IN THE ROPE LADDER SUPPORT FROM THE BOTTOM THROUGH THE TOP. FORM A SECURE KNOT AT THE TOP OF THE ROPE LADDER SUPPORT.

2: THREAD THE ROPE THROUGH THE HOLES IN THE ROPE LADDER RUNNER FROM THE FRONT SIDE OF THE ROPE LADDER RUNNER, THROUGH THE BACK SIDE. TIE A SECURE KNOT AT THE BACK SIDE OF THE ROPE LADDER RUNNER.

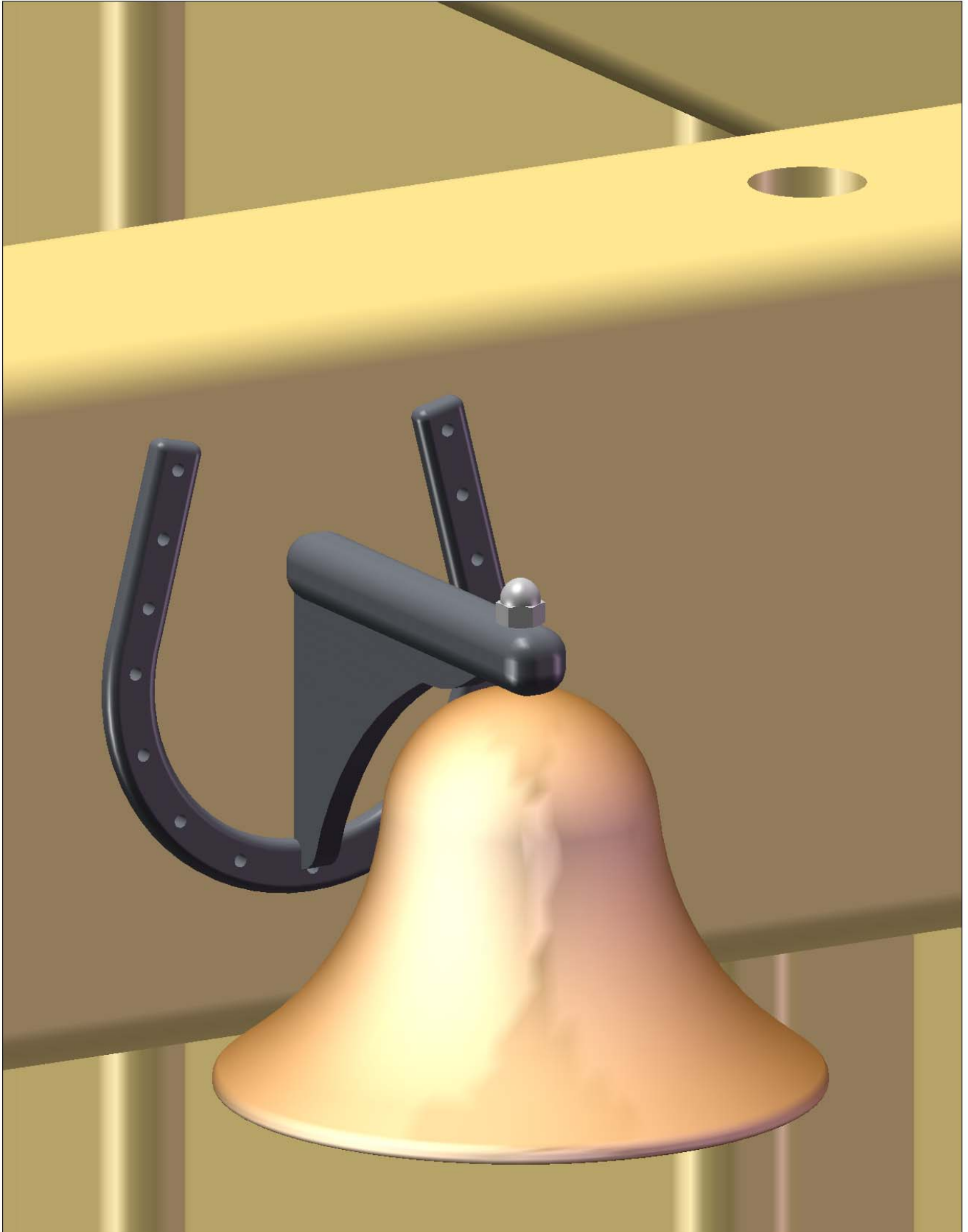
3: MAKE SURE THAT ALL THE RUNGS ARE LEVEL, AND THAT THE ROPES ARE TIED TIGHT. IDEAL TIGHTNESS IS WHEN YOU CAN NO LONGER WRAP THE ROPE AROUND YOUR HAND.



## STEP 46: DINNER BELL

1: CENTER THE BASE OF THE DINNER BELL ON THE ROPE LADDER SUPPORT AND ATTACH WITH PROVIDED SCREWS.

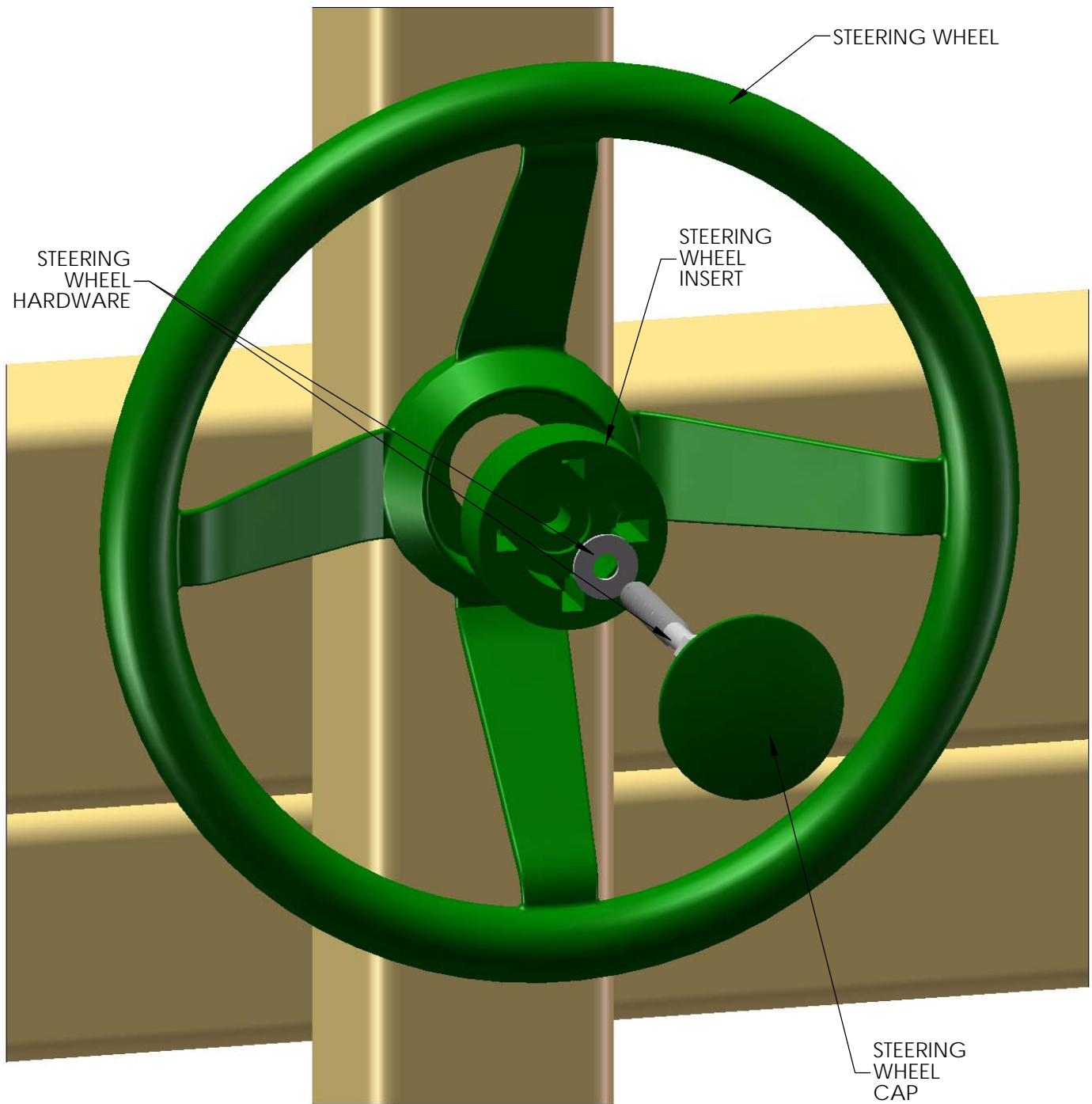
2: ASSEMBLE THE BELL AND TIGHTEN TO THE BASE WITH THE PROVIDED NUT.





## STEP 47: STEERING WHEEL

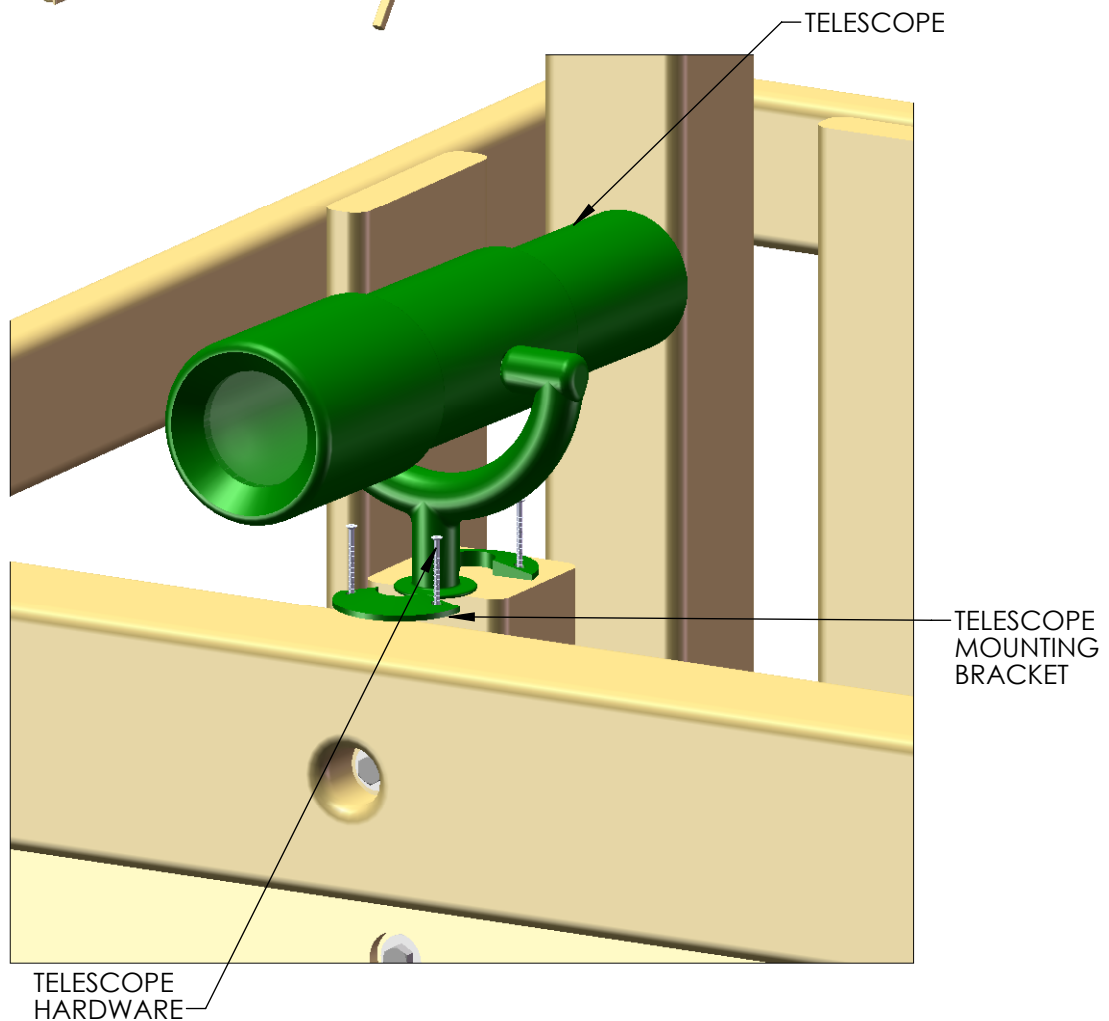
- 1: PLACE THE STEERING WHEEL INSERT INSIDE THE STEERING WHEEL.
- 2: USE THE HARDWARE INCLUDED WITH THE STEERING WHEEL TO MOUNT THE STEERING WHEEL TO THE 4 X 4 CENTER POST AT THE REAR OF THE PLAYSET. DO NOT OVER-TIGHTEN THE LAG SCREW INTO THE STEERING WHEEL, OR IT WILL NOT TURN.
- 3: PLACE THE STEERING WHEEL CAP OVER THE CENTER OF THE STEERING WHEEL.





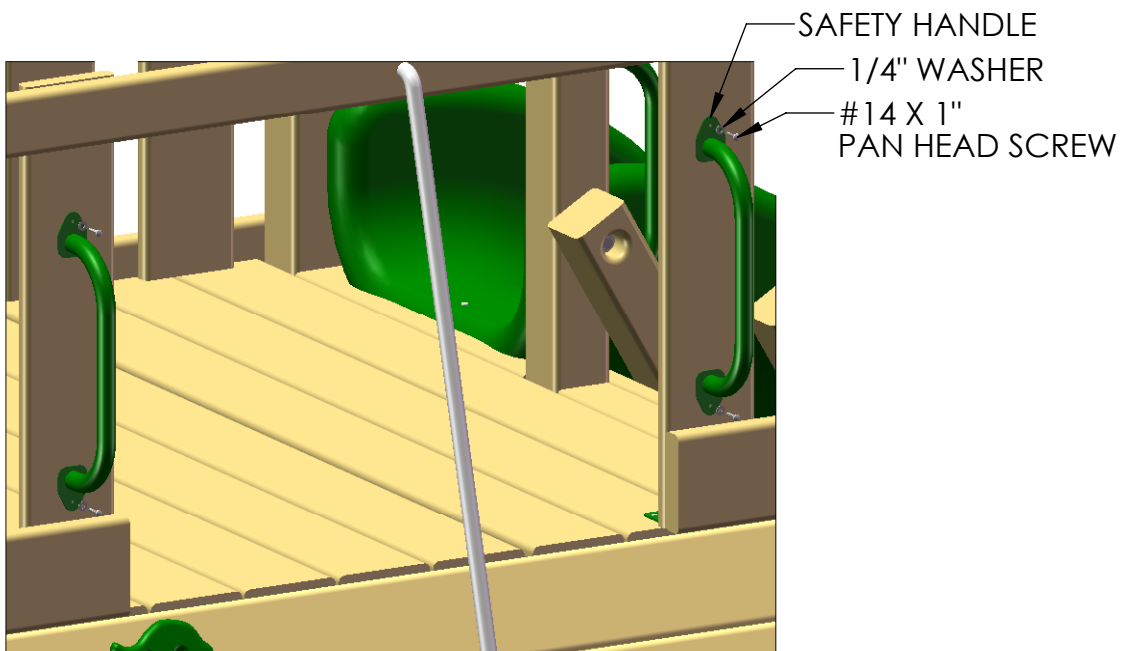
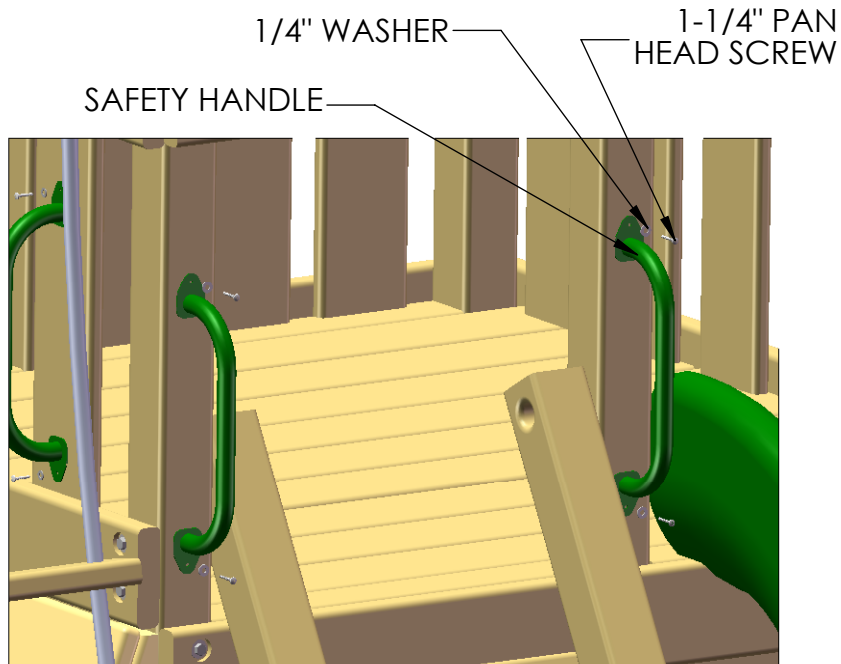
## STEP 48: TELESCOPE

- 1: WITH THE 1-1/4" WOOD SCREWS PROVIDED IN THE TELESCOPE BAG, FASTEN ONE OF THE HALF CIRCLE SHAPED TELESCOPE BRACKETS ONTO THE TOP OF THE FRONT CENTER POST.
- 2: PLACE THE TELESCOPE STAND AND TELESCOPE INTO THE SLOT OF THE TELESCOPE BRACKET.
- 3: FASTEN THE REMAINING HALF CIRCLE SHAPED TELESCOPE BRACKET TO THE OPPOSITE SIDE THAT THE FIRST TELESCOPE BRACKET WAS INSTALLED ON WITH 1-1/4" WOOD SCREWS.



## STEP 49: SAFETY HANDLES

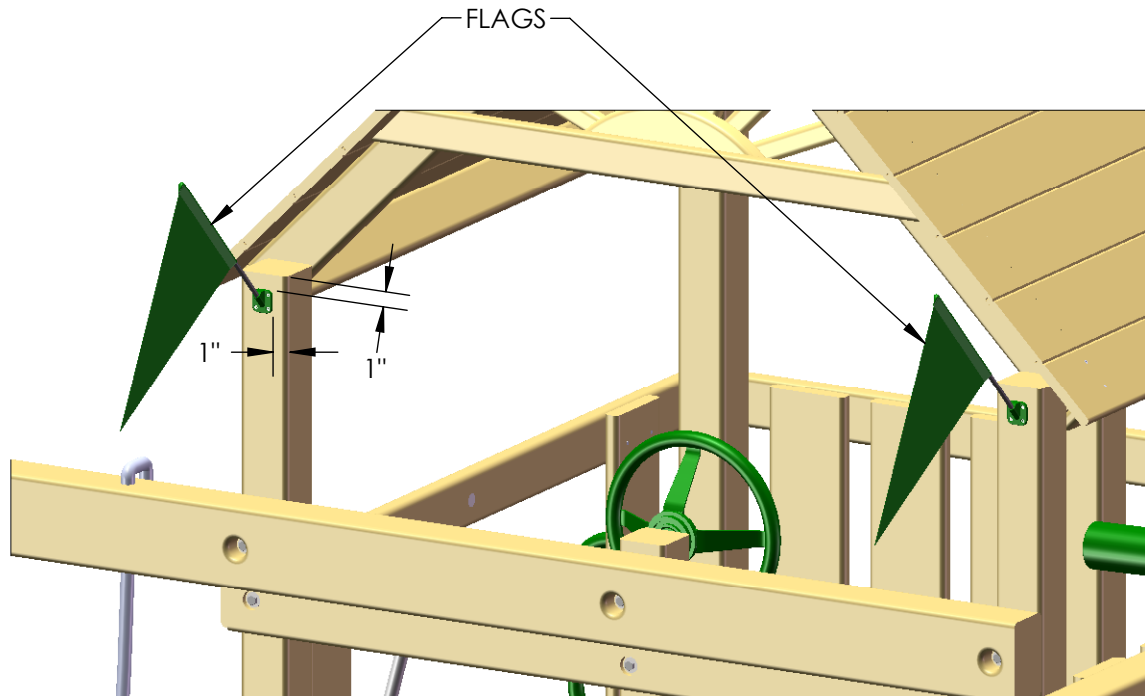
- 1: PLACE THE SAFETY HANDLES ABOVE THE BASE OF THE ENTRY, CENTERED ON THE CORNER POSTS AND THE CENTER POST.
- 2: ATTACH THE SAFETY HANDLES TO THE CORNER AND CENTER POSTS WITH #14 X 1-1/4" PAN HEAD SCREWS AND 1/4" WASHERS.
- 3: PLACE THE SAFETY HANDLES ABOVE THE ROCK WALL CENTERED ON THE PANEL SLATS.
- 4: ATTACH THE SAFETY HANDLES TO THE PANEL SLATS WITH #14 X 1" PAN HEAD SCREWS AND 1/4" WASHERS.



## STEP 50: FLAGS

1: THE FLAGS (TWO) WILL INSTALL ON THE FRONT OF THE PLAY SET AT THE TOP OF THE 4 X 4 CORNER POSTS.

2: PLACE EACH FLAG ABOUT 1" DOWN FROM THE TOP OF THE CORNER POST AND ABOUT 1" OVER FROM THE SIDE OF THE CORNER POST. ATTACH EACH FLAG WITH FOUR 1/2" PHILLIPS PAN HEAD SCREWS PROVIDED IN THE BAG WITH THE FLAG.



## STEP 51: NAMEPLATE

1: ATTACH THE PlayNation NAMEPLATE CENTERED ON THE FRONT OF YOUR SWING BEAM WITH TWO 2-1/2" WOOD SCREWS.

2: YOUR PLAYSET IS FINISHED! ENJOY YOUR PLAYSET!



# WARRANTY REGISTRATION CARD - Grand Palace

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Please, check the boxes below.

Your age?

- 18-25  26-30  31-35  36-40  41-45  46-50  51-55  56-60  
 61-65  66+

How old are your children?

- 2-3  4-5  6-7  8+

How would you rate the quality of our product?

- Excellent  Above average  Average  Below average  Poor

Would you recommend this product?

- Yes  No

Comments:

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