

NOTE: Wooden parts to assemble a roof, chimney and two dormers are included with this kit. All other wood components or accessories shown in the picture above are NOT included.

Ella's Castle - Wood Roof Add-On

ASSEMBLY MANUAL

Copyright © 2011 PlayNation Play Systems, Inc.

All Rights Reserved

www.PlayNation.com • 190 Etowah Industrial Court • Canton, GA 30114 • (800) 661-7295

Latest Revision: January 28, 2011

TABLE OF CONTENTS

Warranty and Safety Guidelines.....	3-7
General Information, Definitions and Site Plan.....	8-11
Tool List, Hardware, Lumber and Accessory Checklist.....	12-15
Boards to REMOVE from your playset.....	16
Removal of Tarp, Tarp Boards and Center Posts.....	Step 1
Attaching Center Posts.....	Step 2
Drill holes for Roof Supports.....	Step 3
Attaching Roof Supports.....	Step 4
Attaching Roof Peak Supports.....	Step 5
Attaching Roof Starters and Roof Peak.....	Step 6
Attaching Roof Boards / Chimney and Dormers.....	Step 7
Attaching Roof Finishers and End Caps.....	Step 8
Sun / Sun Support Assembly.....	Step 9
Sun / Sun Support Assembly Installation.....	Step 10
Sun Ray Installation.....	Step 11
Re-attaching Steering Wheel.....	Step 12
Warranty Card.....	Last Page

**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. 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:

PlayNation Play Systems, Inc.
190 Etowah Industrial Court
Canton, GA 30114
Tel. (770) 704-9300
Fax. (678) 880-3300
custsrv@playnation.com

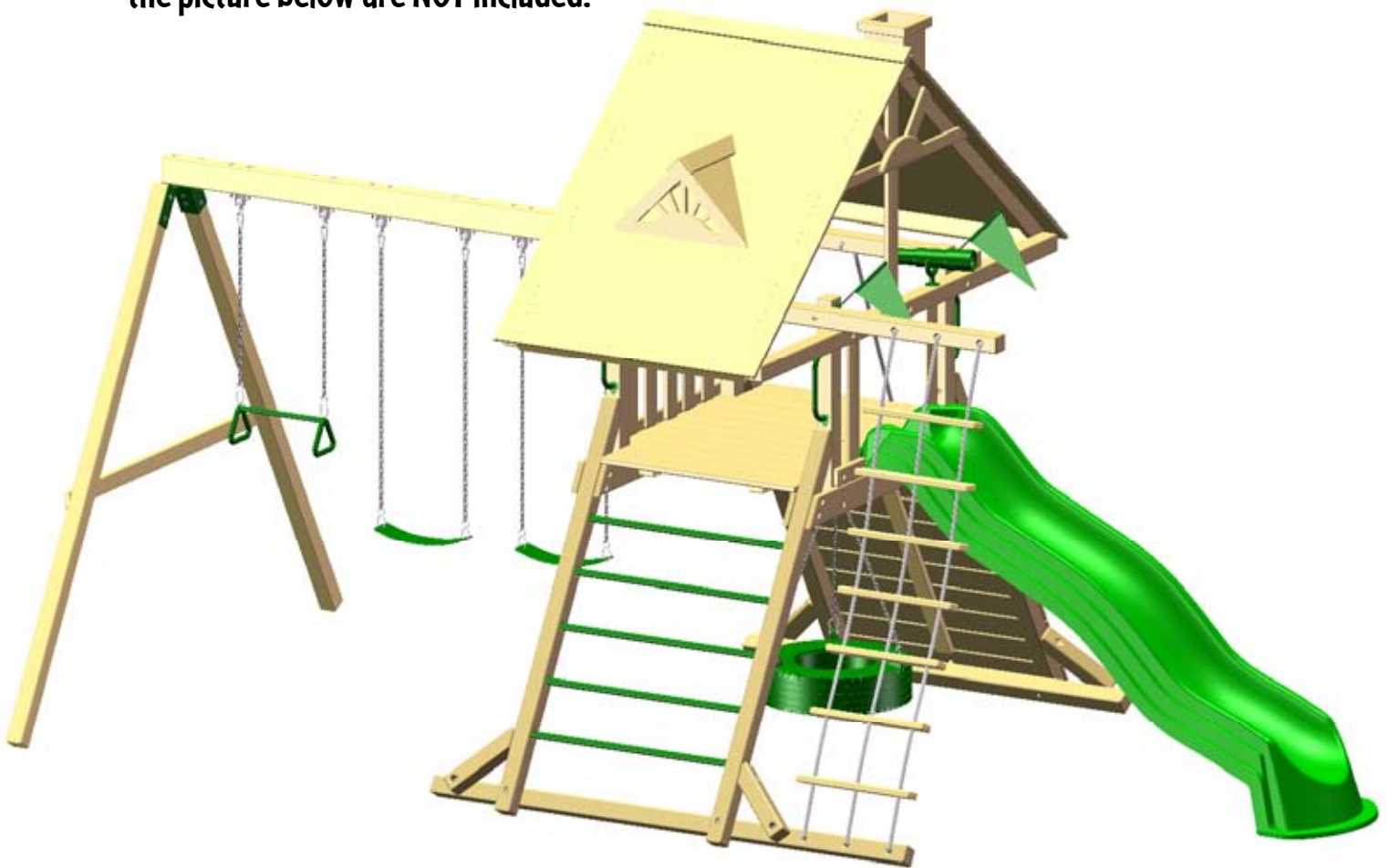
Check for revised instructions at www.playnation.com/instructions.html

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.

This set features our step-by-step 3D illustrated manual, plus all the required hardware and pre-milled lumber to construct a wooden roof with dormers and chimney.

NOTE: Wooden parts to assemble a roof, chimney and two dormers are included with this kit. All other wood components or accessories shown in the picture below are NOT included.



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.

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.

- On-site adult supervision is required.
- Teach children not to use the equipment in a manner other than intended.
- 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 to never crawl on top of a fort roof.
- 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.

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.

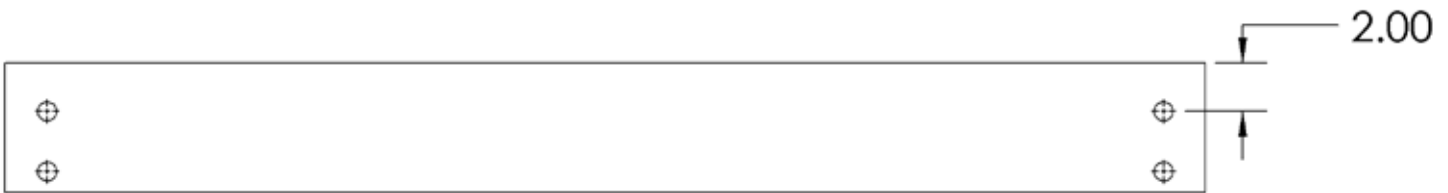
General Info to Review Before Installation

- 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 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 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.

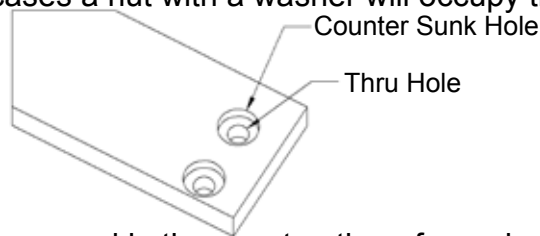
EXAMPLE OF OFFSET HOLES DOWN



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.

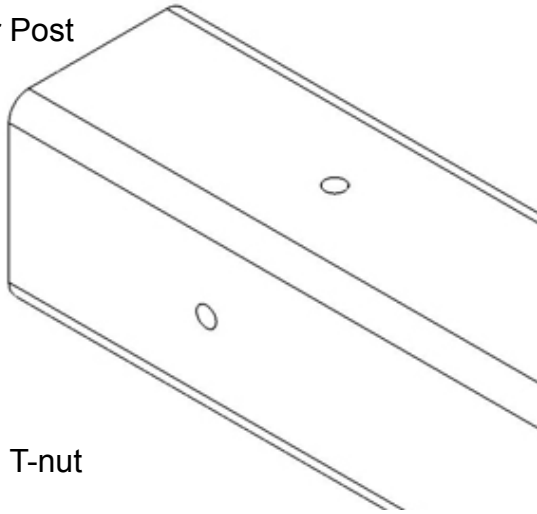


Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be necessary to tap the head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

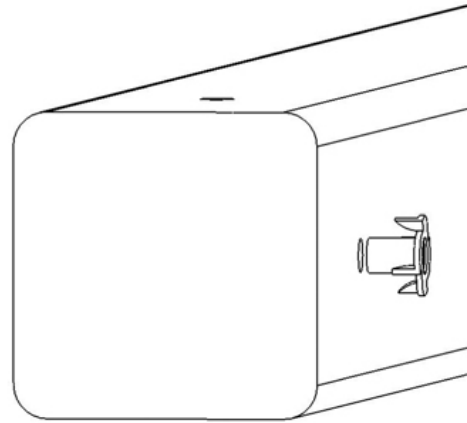
Common Installation Practice Installing T-nuts

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

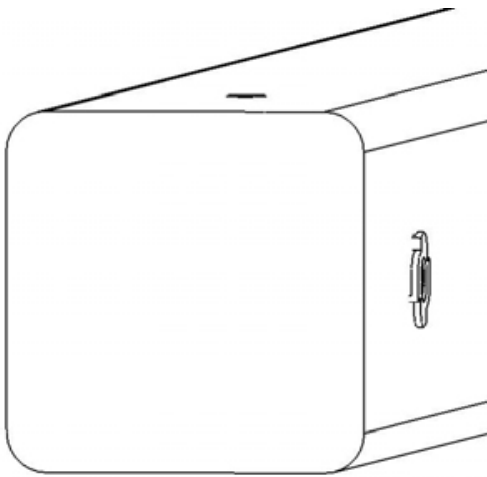
Corner Post



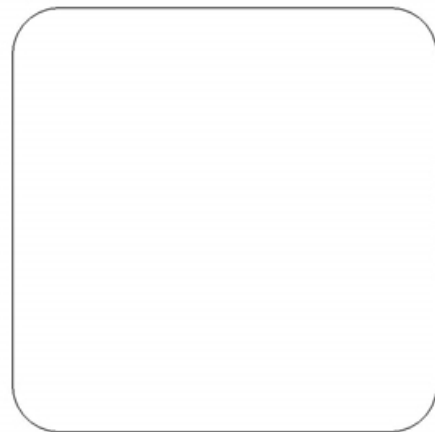
T-nut



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.

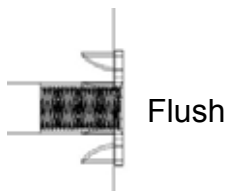


This picture shows the T-nut insert and installed flush to the wood.



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

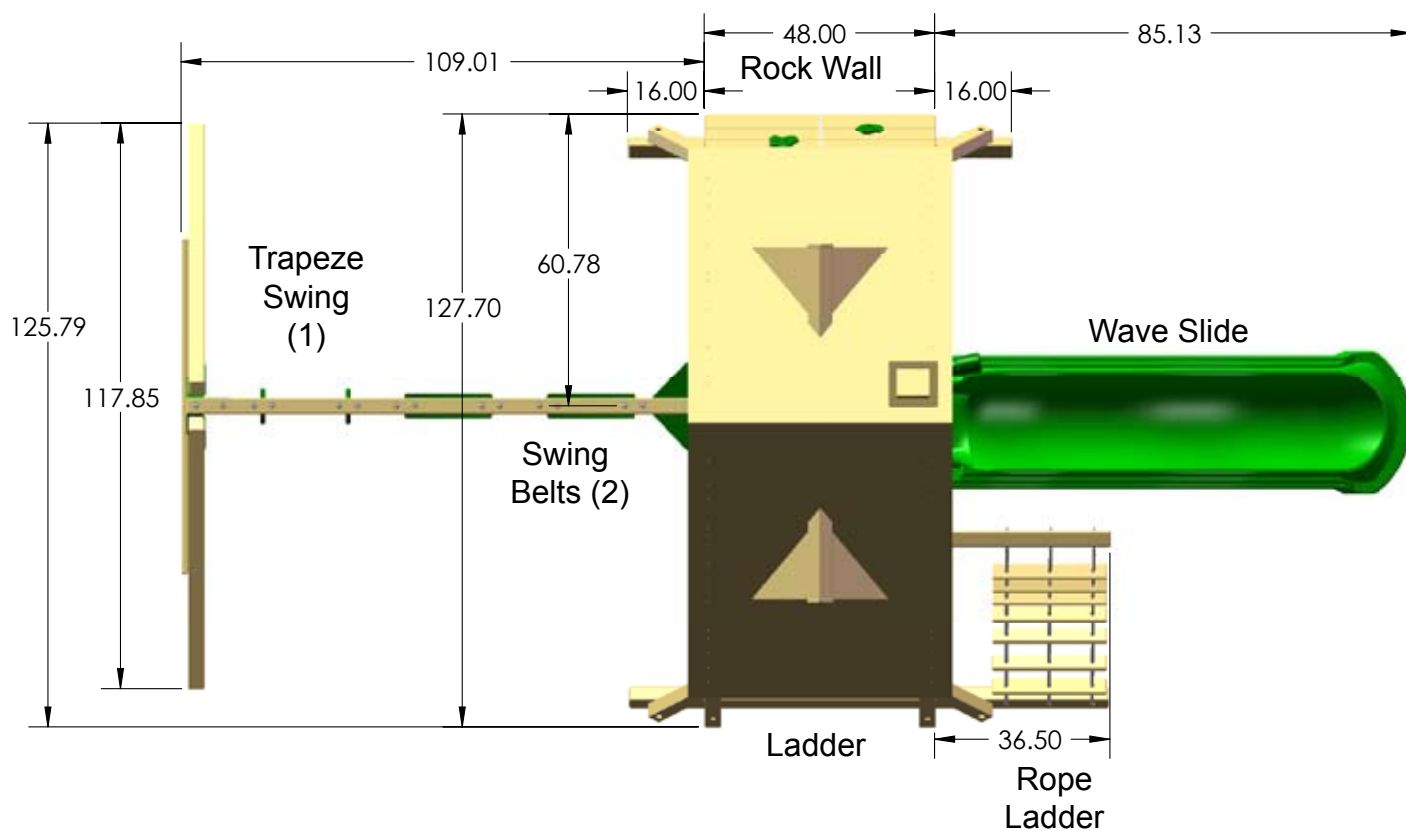
WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD



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: 11' - 6"

Approximate Wood Roof/Chimney/Dormers assembly time: 2-4 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
- ___ 3/16" Drill Bit
- ___ 1/2" Wrench, Socket, and Deep Well Socket
- ___ 9/16" Wrench, Socket, and Deep Well Socket
- ___ Level
- ___ Tape Measure
- ___ Extension Cord (if using standard drill)
- ___ Hammer
- ___ Pencil
- ___ Locking Pliers (Vise Grips)
- ___ Rubber Mallet
- ___ Small Flat Blade Screwdriver

KIT CONTENTS

- ___ (Qty) Description
- ___ (1) Ella's Castle Wood Roof Add-On Assembly Manual

Fort Hardware:

see following pages

Wood Components:

see following pages

Use the ruler to the right to measure your bolts and screws. Picture views shown below are 1:1 scale and can be used to match bolt and screw sizes.

#8 x 1-1/4"
Wood Screw
Qty: 8



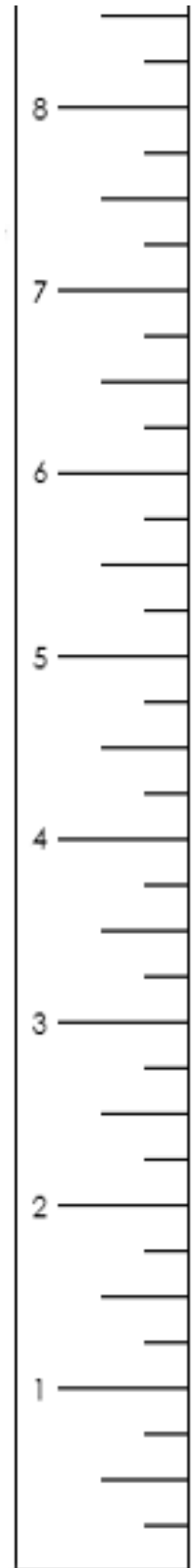
#8 x 1-1/2"
Wood Screw
Qty: 152



#8 x 2"
Wood Screw
Qty: 42



#8 x 2-1/2"
Wood Screw
Qty: 12



5/16" x 3-1/2"
Hex Lag
Screw
Qty: 4



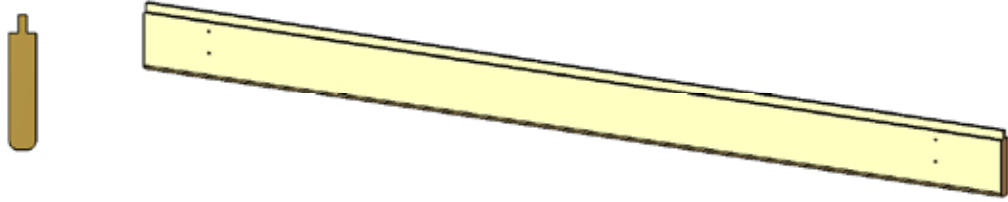
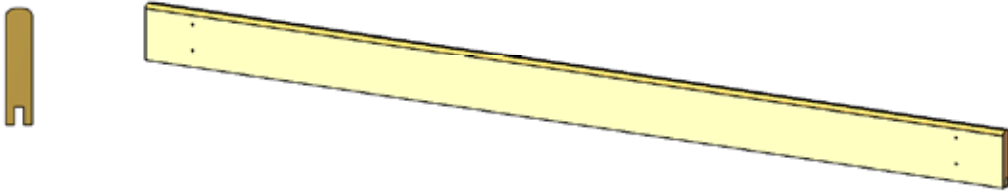
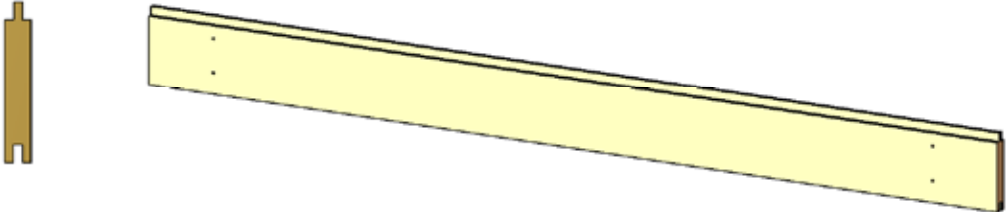
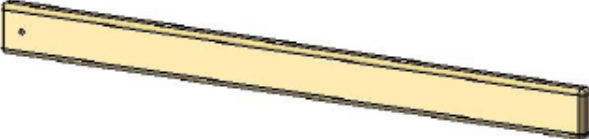
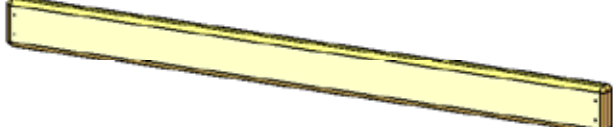
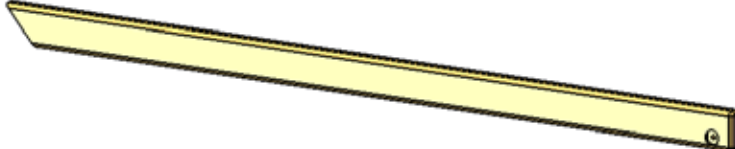
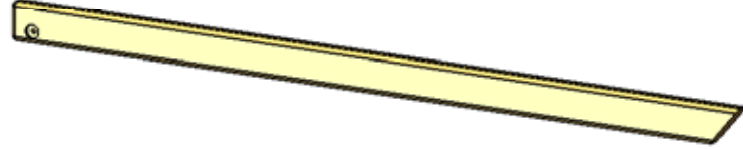
5/16" Washer
Qty: 4

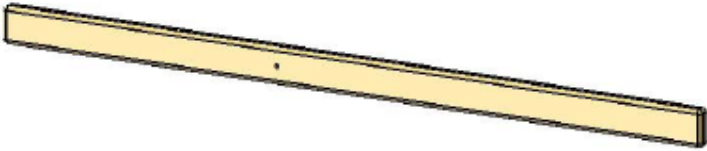
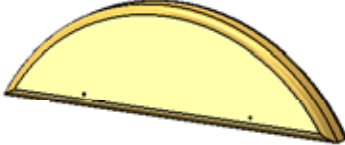
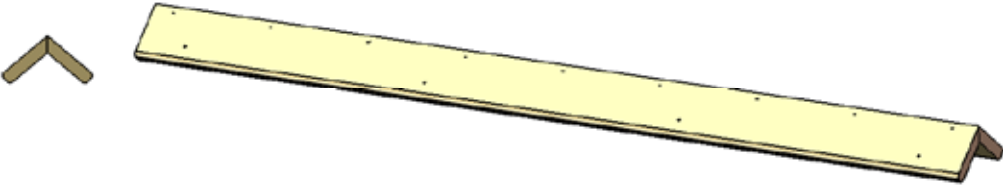
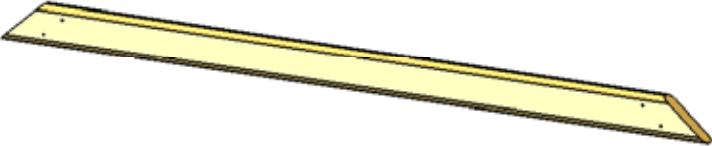


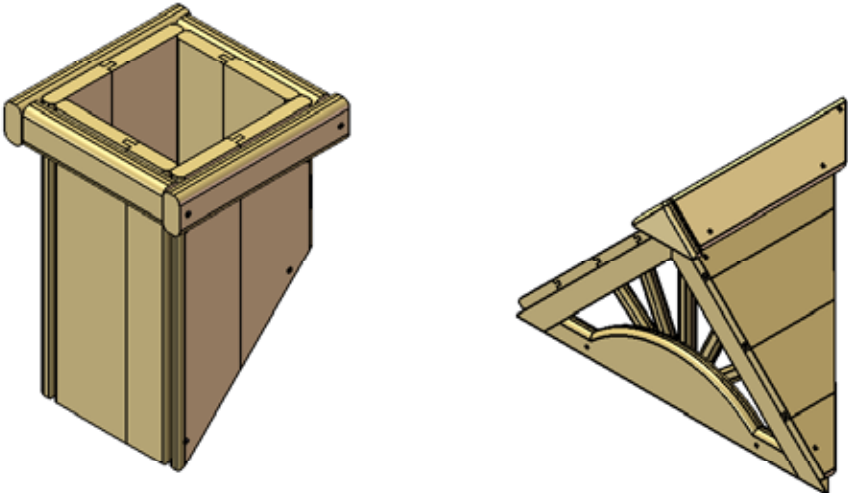


#2 Square
Drive Bit
Qty: 1

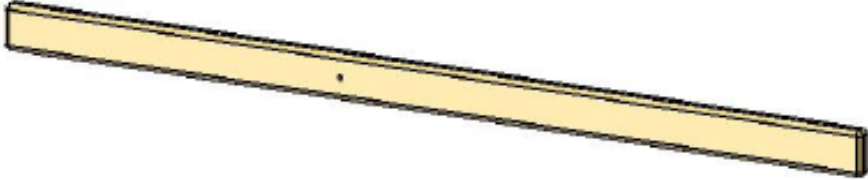
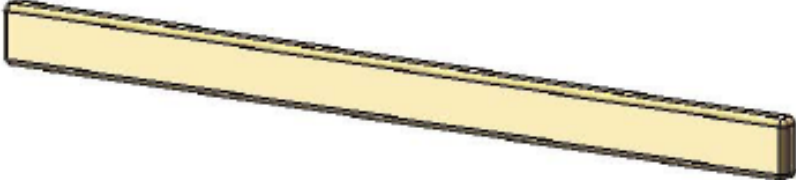
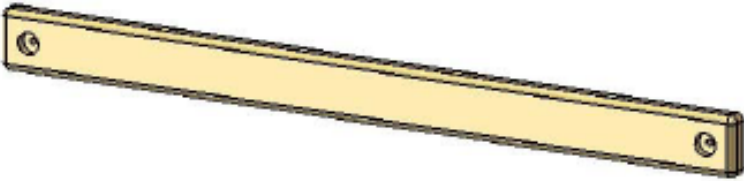
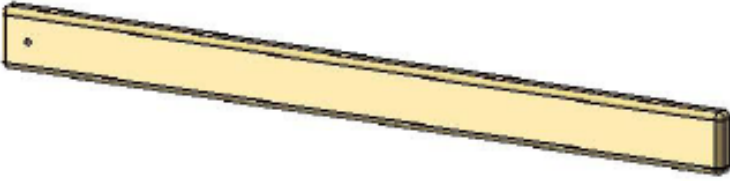


5/16" Tee Nut
Qty: 2

Picture	Description	Qty.
	1 X 4 X 55" Roof Finisher (Tongue Only)	2
	1 X 4 X 55" Roof Starter (Groove only)	2
	1 X 5 X 55" Roof Board (Tongue and Groove)	34
	2 X 4 X 48" Front Center Post	1
	2 X 4 X 48" Roof End Cap	2
	2 X 4 X 70" Roof Support (Left)	2
	2 X 4 X 70" Roof Support (Right)	2

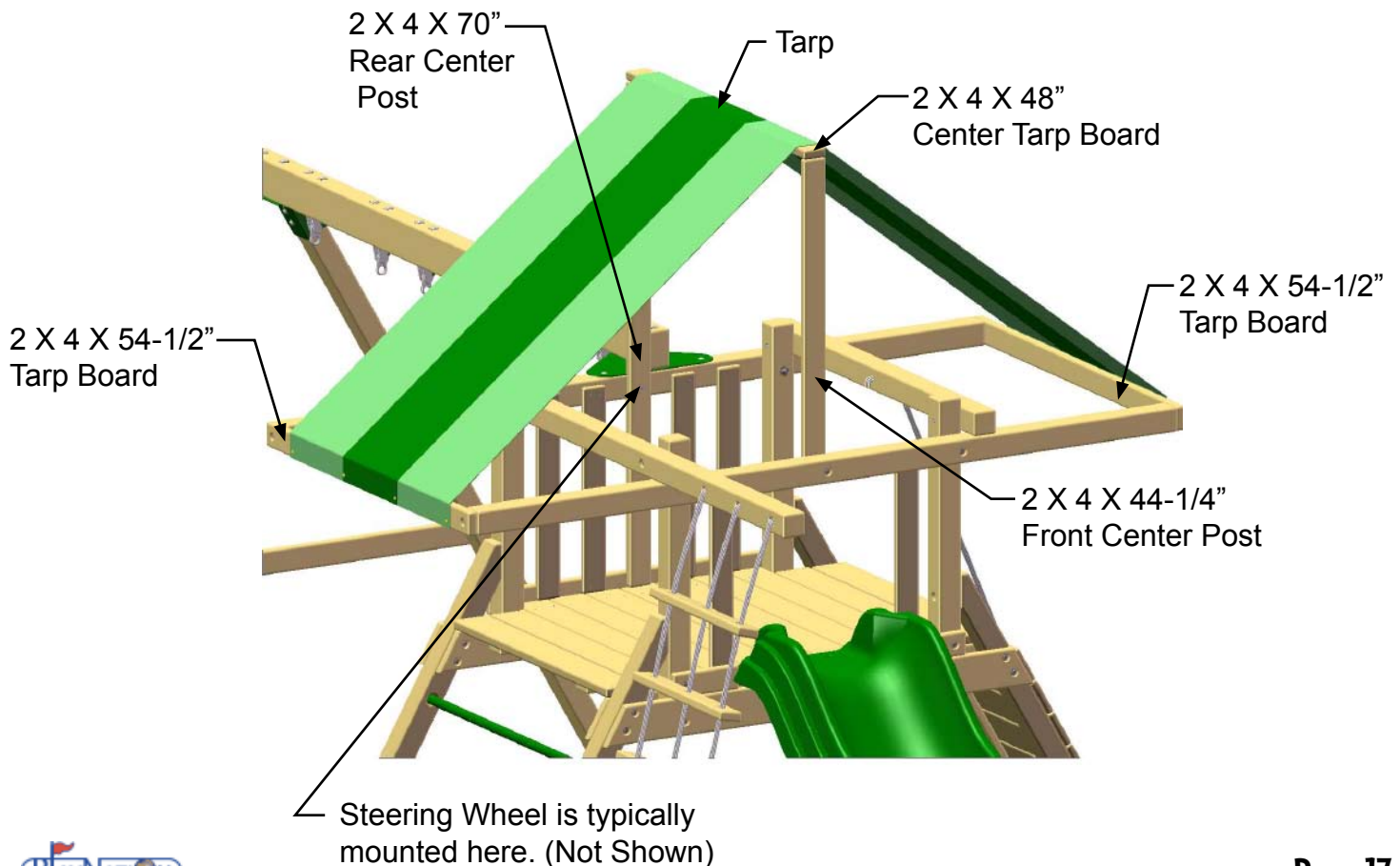
Picture	Description	Qty.
	2 X 4 X 73-3/4" Rear Center Post	1
	2 X 6 X 16" Sun	2
	3-1/2" X 3-1/2" X 55" Roof Peak Assembly	1
	5/4 x 3 x 51" Sun Support	2
	5/4 X 4 X 11-3/8" Ray	4
	5/4 X 6 X 13" Roof Peak Support	2
	Chimney Dormers	1 2

THE BOARDS ON THIS SHEET WILL BE REMOVED FROM YOUR PREVIOUSLY CONSTRUCTED ELLA'S CASTLE PLAYSET.

Picture	Description	Qty.
	2 X 4 X 70" Rear Center Post	1
	2 X 4 X 48" Center Tarp Board	1
	2 X 4 X 54-1/2" Tarp Board	2
	2 X 4 X 44-1/4" Front Center Post	1

Step 1: Removal of Tarp, Tarp Boards and Center Posts.

- 1: Remove the 1-1/4" screws which hold the Tarp to the Tarp Boards.
 - 2: Remove the Tarp from the playset and set aside.
 - 3: Remove the lag screws at the end of the 2 X 4 X 54-1/2" Tarp Boards and set the Tarp Boards aside.
 - 4: Remove the wood screws that secure the 2 X 4 X 48" Center Tarp Board and set the Center Tarp Board aside.
 - 5: Remove the wood screw and hex bolt that secure the 2 X 4 X 44-1/4" Front Center Post and set the Front Center Post aside. (Save the hex bolt and washer for Step 2.)
 - 6: Remove the Steering Wheel by using a flat blade screwdriver to pop off the cap at the center. (See Step 12 for an exploded view of the Steering wheel). Then remove the lag screw that attaches the Steering Wheel to the Rear Center Post.
- Place the Steering Wheel and the hardware that attaches it in a safe location since you will have to re-attach it later in Step 12.
- 7: Remove the wood screws and hex bolt that secure the 2 X 4 X 70" Rear Center Post and set the Rear Center Post aside. (Save the hex bolt and washer for Step 2.)
 - 8: Place the Tarp, removed fasteners and all the removed boards away from the work area.



Step 2: Center Posts

1: Take the 2 x 4 x 73-3/4" Rear Center Post, and line up the hole in the post with the through hole in the Swing Beam Side Rail. Take note that the hole in the Rear Center Post is not on center, and the shorter end of the post will face down.

2: When the Rear Center Post is lined up properly, install a 5/16" t-nut into the hole in the Rear Center Post.

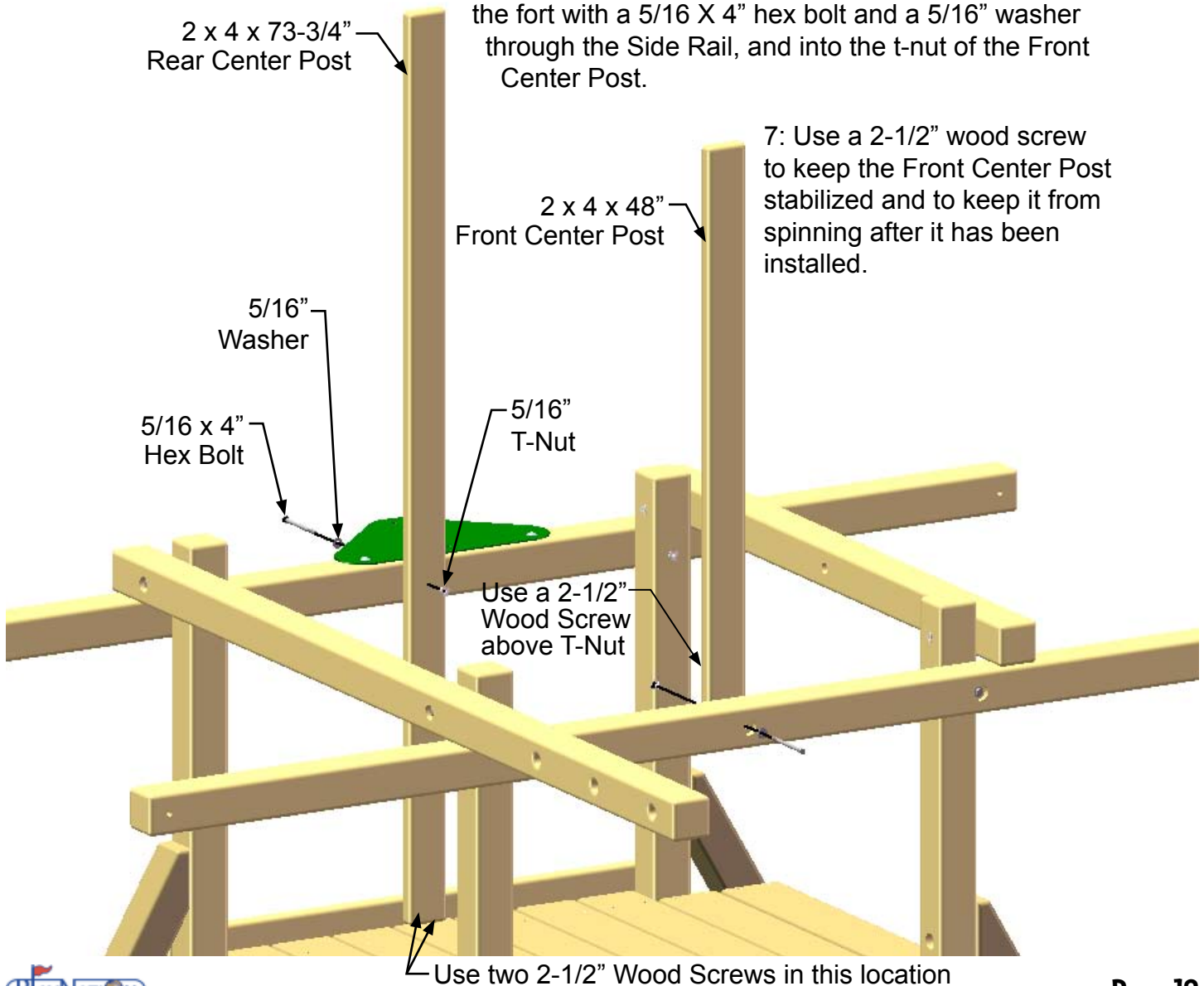
3: Fasten the Rear Center Post to the fort with 5/16 x 4" hex bolts and 5/16" washers through the Swing Beam Side Rail, and into the t-nuts of the rear center post.

4: Make sure that the Rear Center Post is square and level, and fasten with 2-1/2" wood screws through the bottom of the post.

5: Take the 2 x 4 x 48" Front Center Post, and install a 5/16" t-nut into the hole in the Front Center Post. Line up the hole in the post with the through hole in the Side Rail.

6: When the Front Center Post is lined up properly, fasten the Front Center Post to the fort with a 5/16 X 4" hex bolt and a 5/16" washer through the Side Rail, and into the t-nut of the Front Center Post.

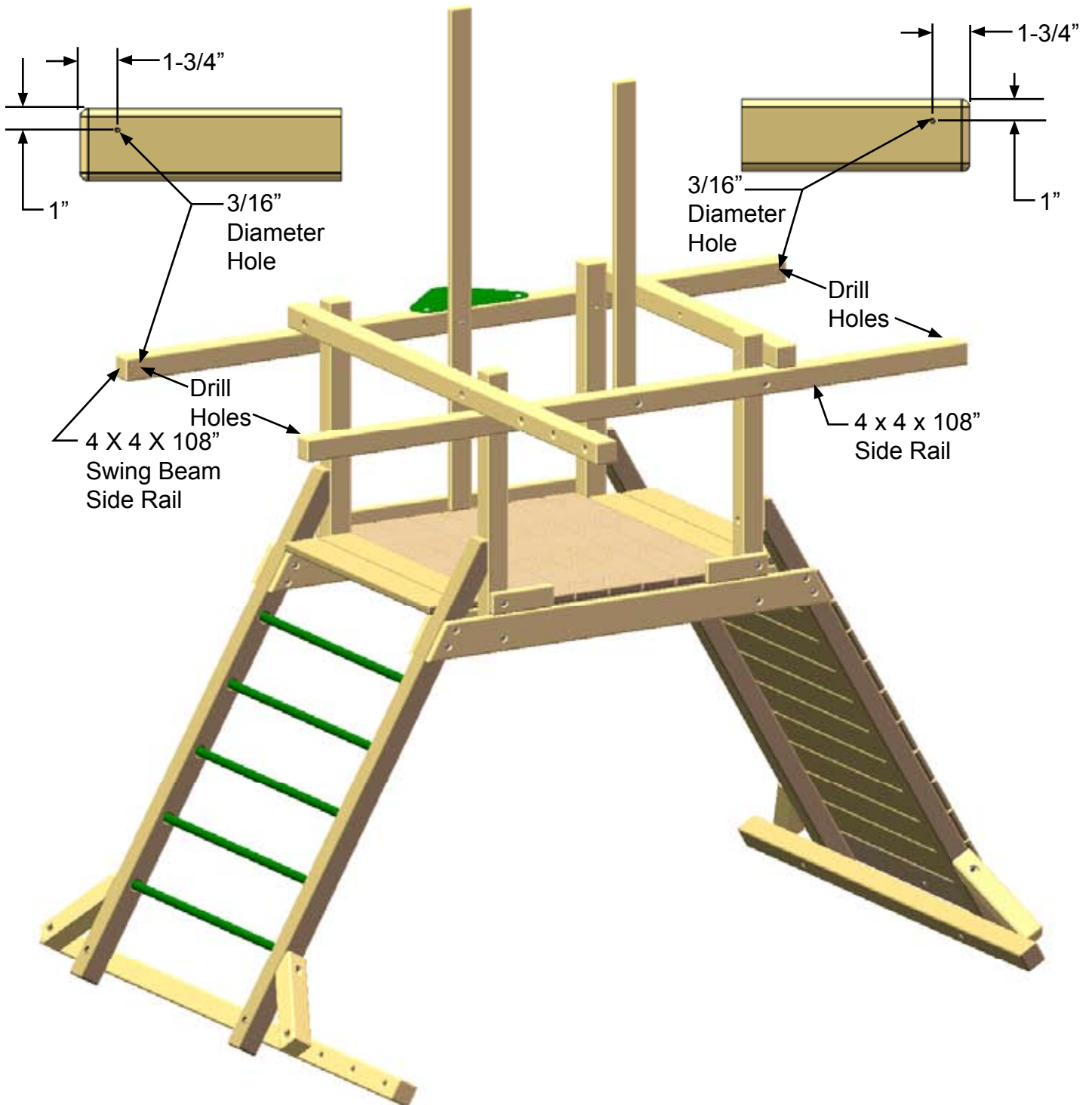
7: Use a 2-1/2" wood screw to keep the Front Center Post stabilized and to keep it from spinning after it has been installed.



Step 3: Drill holes for Roof Supports

1: On the end of the INSIDE surface of the 4 x 4 x 108" Swing Beam Side Rail and the 4 x 4 x 108" Side Rail you will need to drill two 3/16" diameter holes 2-1/2" deep. One hole per end.

2: Measure as shown below and drill a hole in each end of both rails on the INSIDE SURFACE.

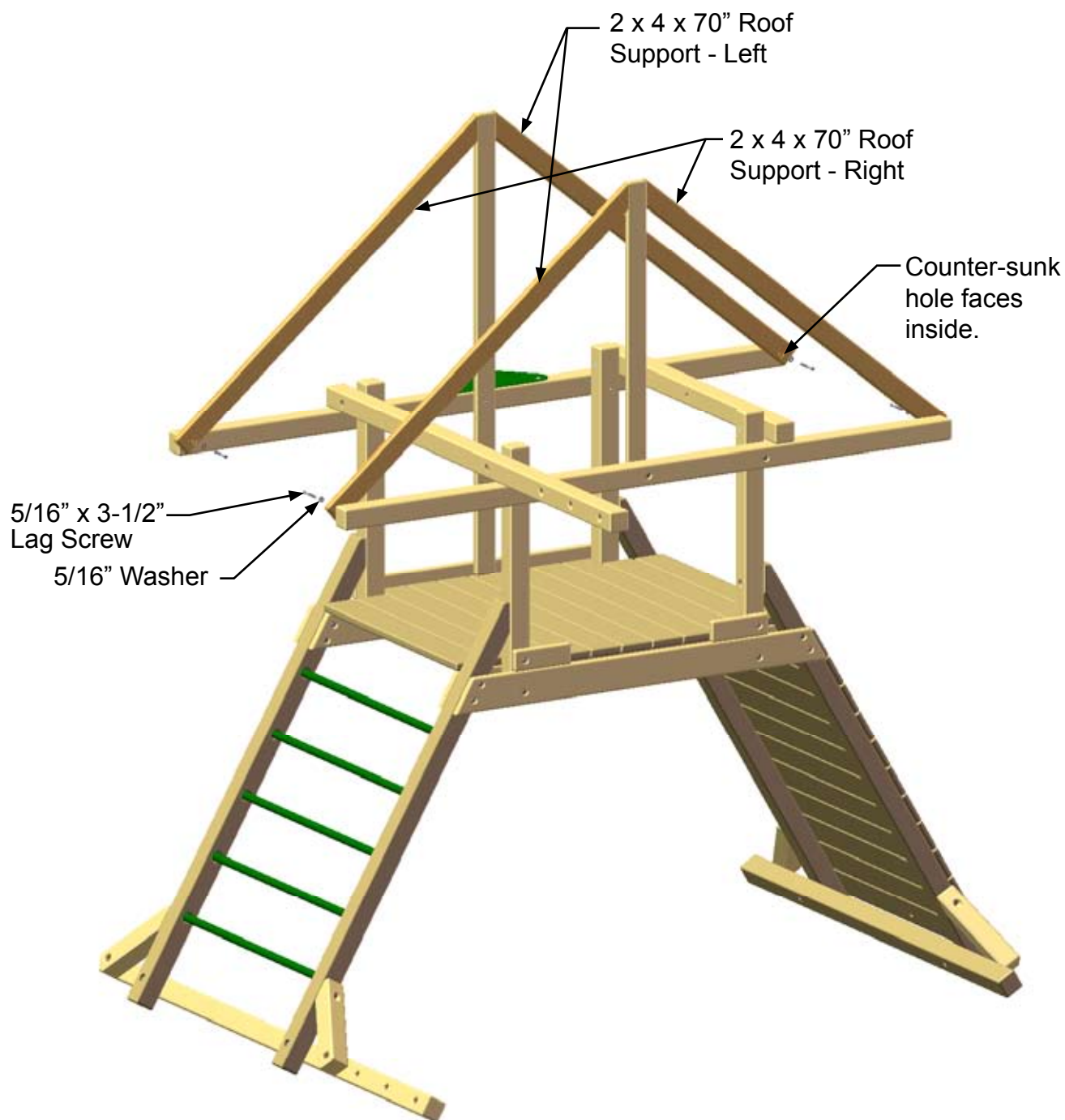


Step 4: Roof Supports

1: Find two 2 x 4 x 70" Roof Support - Left and two 2 x 4 x 70" Roof Support - Right.

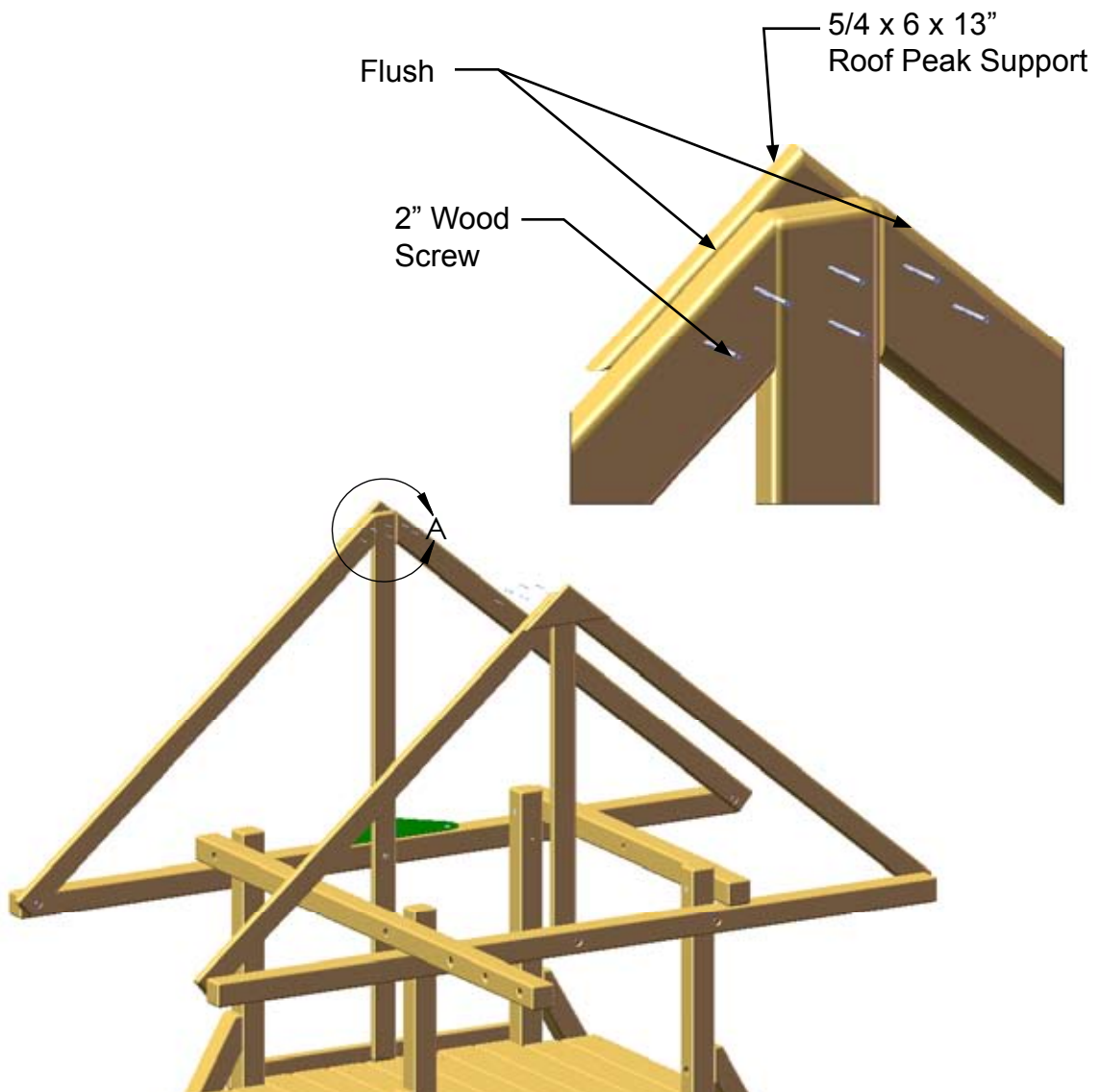
Lean the angled end of each roof support against the center posts. The other end of each roof support should have the counter-sunk hole facing the inside.

2: Fasten the counter-sunk end of each roof support to the inside of the rails with one 5/16" x 3-1/2" lag screw and one 5/16" washer.



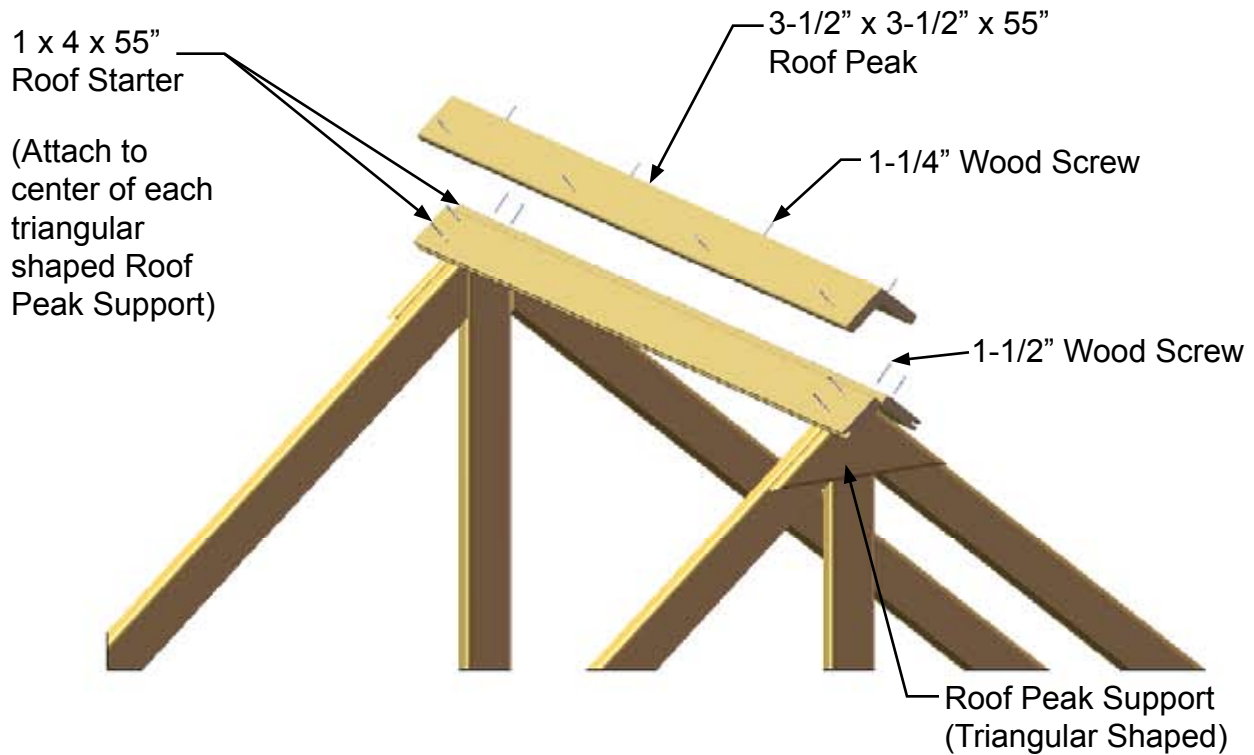
Step 5: Roof Peak Supports

- 1: Find two 5/4 x 6 x 13" Roof Peak Supports. Each Roof Peak Support will be attached on the outside of the roof supports and center post.
- 2: Make the top angled surfaces of the Roof Peak Supports flush with the top surfaces of the Roof Supports.
- 3: Attach each Roof Peak Support to the Roof Supports and center post with 2" wood screws as shown below.



Step 6: Roof Starters and Roof Peak

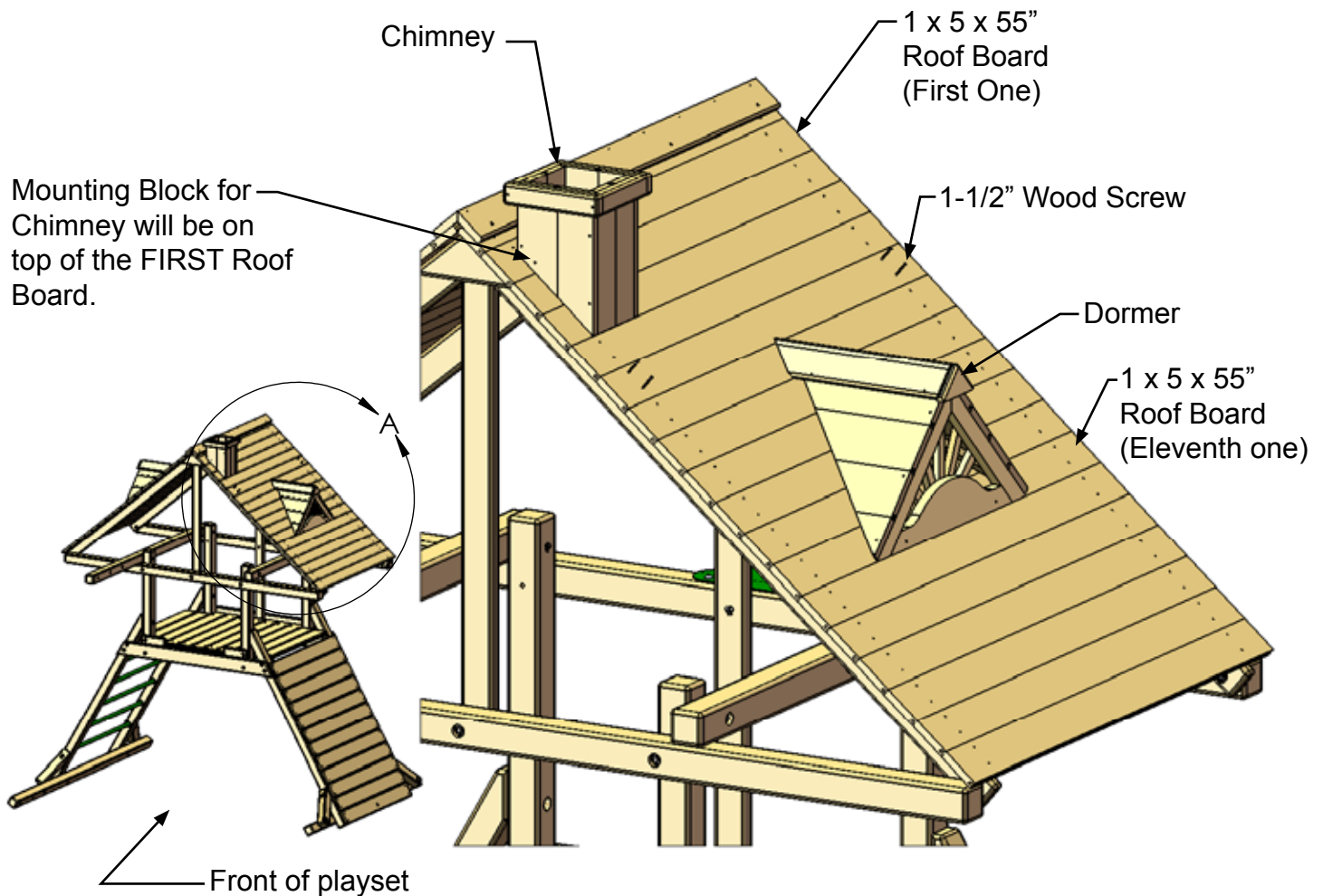
- 1: Find two 1 x 4 x 55" Roof Starters (groove only) and one 3-1/2" x 3-1/2" x 55" Roof Peak.
- 2: Place the 1 x 4 x 55" Roof Starters (groove only) at the peak of the roof. The holes in the Roof Starters should be centered over the top of the triangular shaped Roof Peak Supports. The flat side of the Roof Starters should be placed as close together as possible near the peak without the boards overlapping.
- 3: Fasten each Roof Starter to the center of each triangular shaped Roof Peak Supports with 1-1/2" wood screws.
- 4: Place the 3-1/2" x 3-1/2" x 55" Roof Peak on top of the Roof Starters and attach with 1-1/4" wood screws.



Step 7: Roof Boards/Chimney and Dormers

1: Place the 1 x 5 x 55" Roof Board on top of the Roof Supports, fitting the tongue into the groove of the Roof Starter. The holes in the Roof Boards should be centered over the Roof Supports. There are seventeen Roof Boards on each side of the roof. If necessary place a scrap 2 x 4 board against the Roof Board and hammer on it to seat the tongue into the groove for the Roof Boards. Fasten each Roof Board to the Roof Supports with four 1-1/2" wood screws.

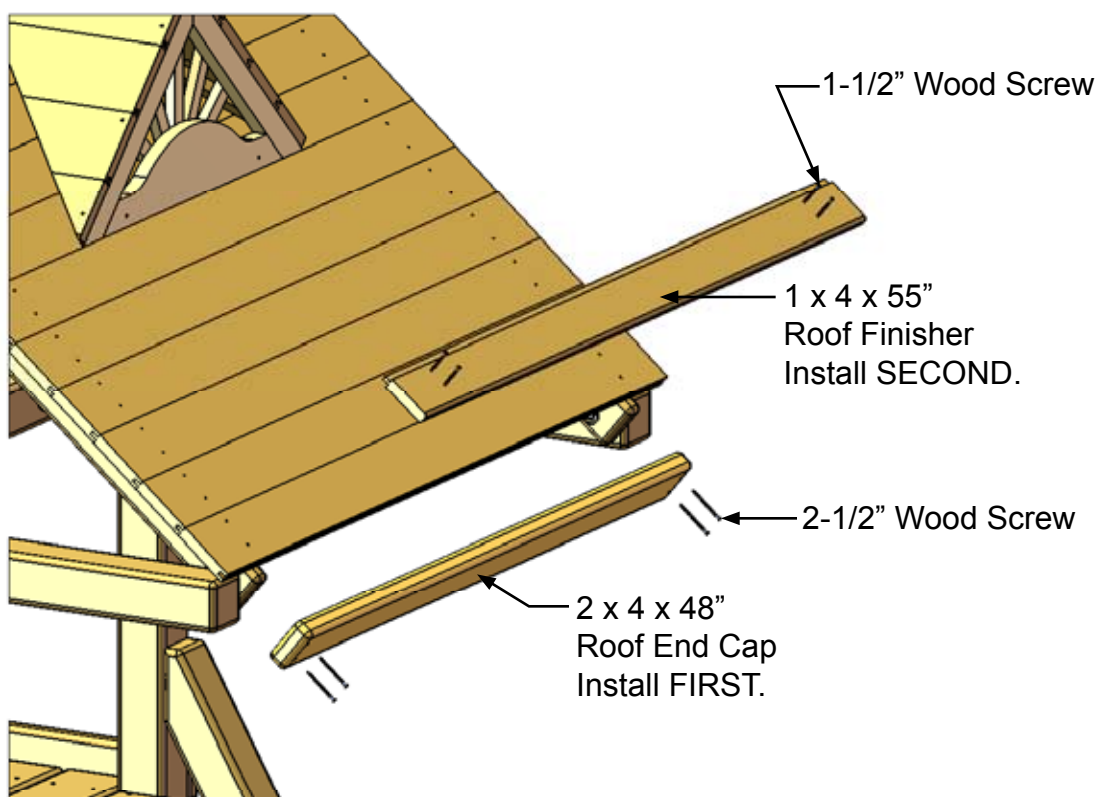
Tip: Use the instructions provided with the Chimney and Dormers to build them. After putting in three Roof Boards on the right roof STOP and then install the Chimney. Notice the mounting block for the Chimney will get installed on the first Roof Board. Once the 11th Roof Board is installed mount the Dormers as shown below centered on the roof.



Step 8: Roof Finishers & End Caps

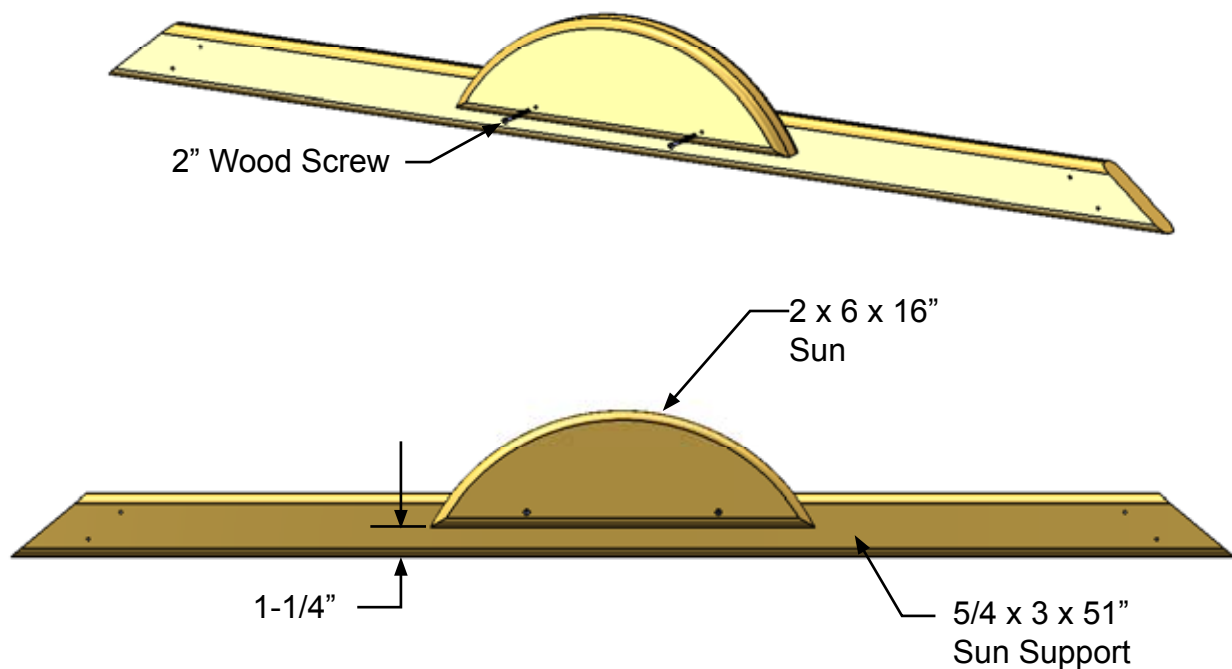
1: Place the 2 x 4 x 48" Roof End Cap on the ends of the Roof Supports. The top surface of the Roof End Cap should be flush with the top of the Roof Supports. Attach the Roof End Cap to the Roof Supports with 2-1/2" wood screws. Repeat for the other Roof End Cap on the other side of the roof.

2: Slide the tongue of the 1 x 4 x 55" Roof Finisher into the groove of the last Roof Board. Attach the Roof Finisher to the Roof Supports and the Roof End Cap with 1-1/2" wood screws. Repeat for the other Roof Finisher on the other side of the roof.



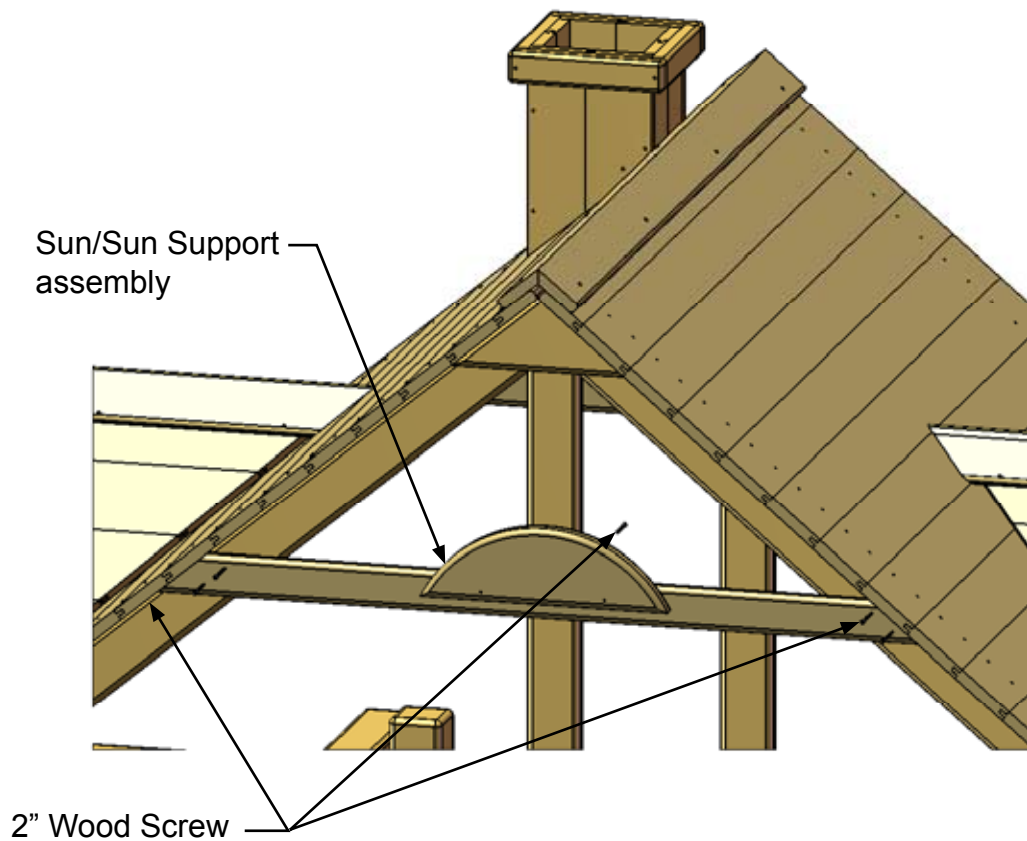
Step 9: Sun/Sun Support Assembly

- 1: Place the 2 x 6 x 16" Sun on top of the 5/4 x 3 x 51" Sun Support as shown in the bottom picture. There should be a 1-1/4" distance between the bottom of the Sun and the bottom of the Sun Support.
- 2: Attach the Sun to the Sun Support with 2" wood screws.
- 3: Repeat sub steps 1 & 2 to make another Sun/Sun Support assembly.



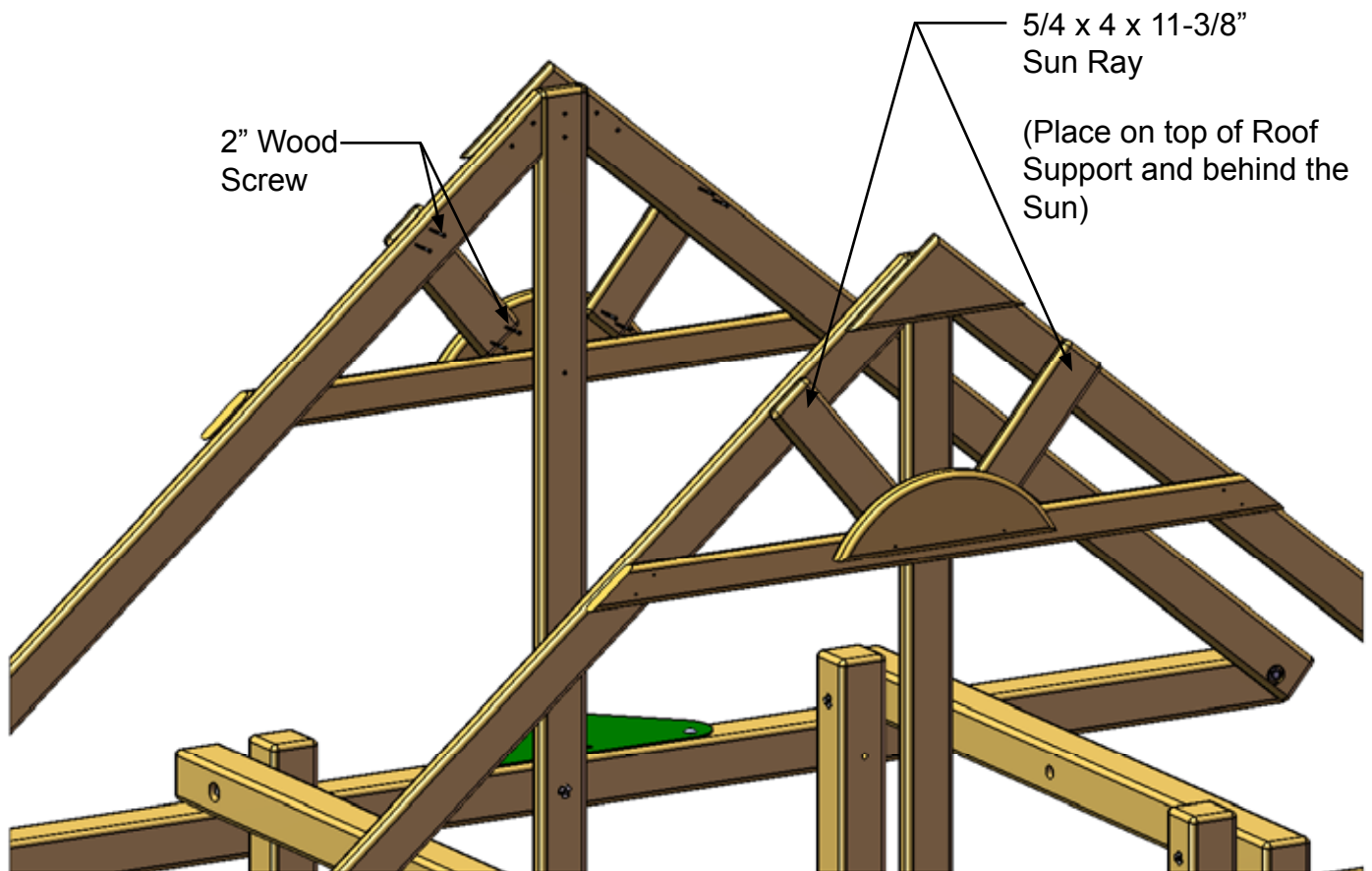
Step 10: Sun/Sun Support Assembly Installation

- 1: Place the Sun/Sun Support assembly on top of the Roof Supports as shown below. Level the Sun Support.
- 2: Attach the Sun Support to the Roof Supports with 2" wood screws.
- 3: Go underneath the roof to attach the Center Post to the Sun Support with one 2" wood screw.
- 4: Repeat sub steps 1 thru 3 to attach another Sun/Sun Support assembly on the other side of the roof.



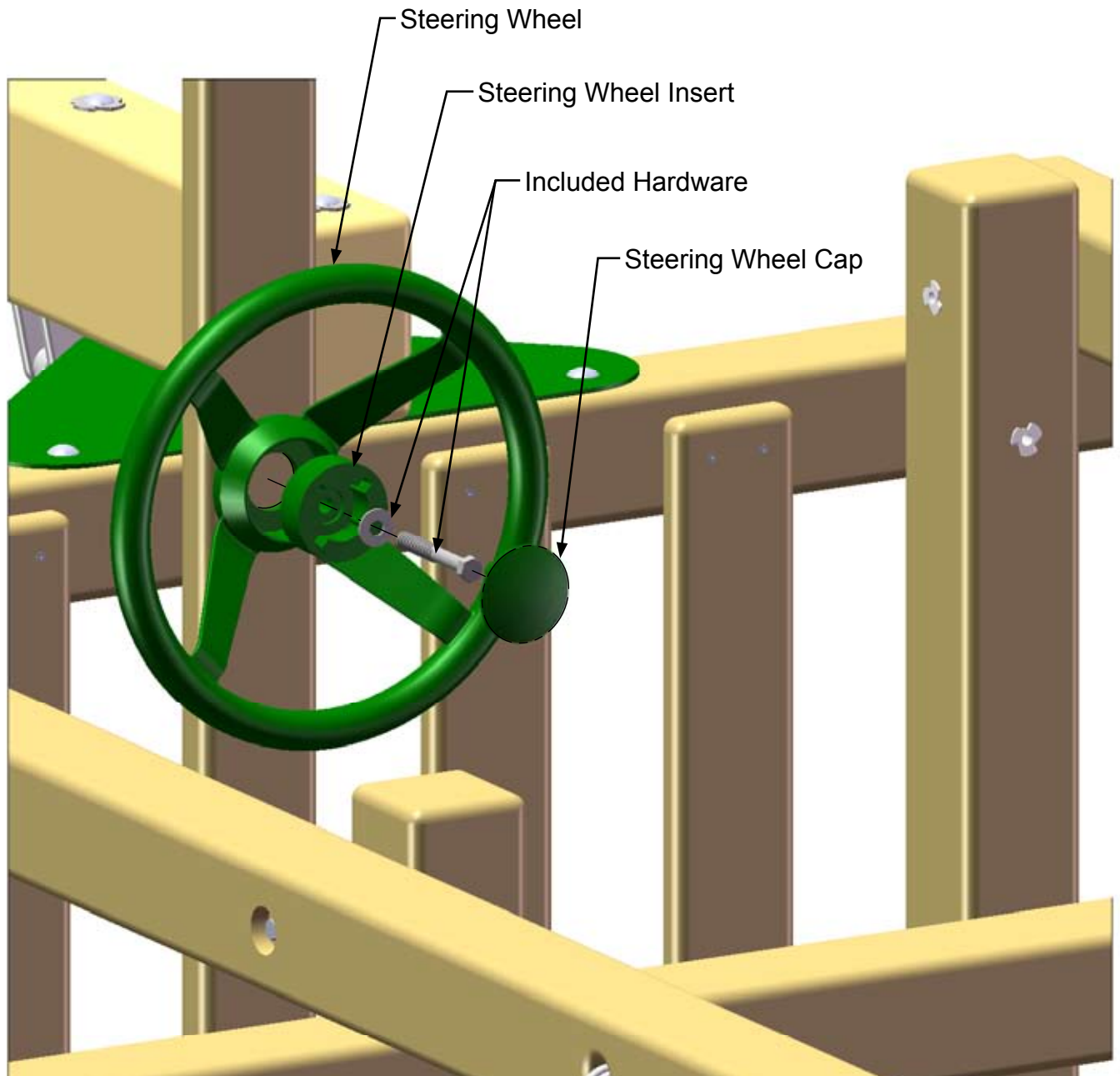
Step 11: Sun Ray Installation

- 1: Place each 5/4 x 4 x 11-3/8" Sun Ray on top of the Roof Support and behind the Sun piece as shown below.
- 2: From the inside of the roof attach each Sun Ray to the Roof Support and the Sun with four 2" wood screws.



Step 12: Steering Wheel

- 1: Place the Steering Wheel Insert inside the Steering Wheel.
- 2: Use the hardware included with the Steering Wheel to mount it to the Rear Center Post and Swing Beam Side Rail. Do not over-tighten the lag screw inside the Steering Wheel Insert, or it will not turn.
- 3: Place the Steering Wheel Cap over the center of the Steering Wheel and snap into place.



WARRANTY REGISTRATION CARD - Ella's Castle - Wood Roof Add-On

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:

Thank you for registering with PlayNation Play Systems Inc.™ The information you provided will be kept confidential and will ONLY be used to better serve our customers. Remove this page from the manual and mail to the address below. Thank you from everyone here at PlayNation™!

Mail to:

**PlayNation Play Systems Inc,
190 Etowah Industrial Court
Canton, GA 30114
or fax: (678) 880-3329**

