



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: April 28, 2011

TABLE OF CONTENTS

Warranty and Safety Guidelines	Pages 3-10
Leveling the play set, General Information and Definitions	Pages 10-13
Site Plan, Tool List and Kit Contents	Pages 14-15
Hardware, Lumber and Accessory Checklist	Pages 16-25
Adding T-Nuts to Corner Posts	Steps 1-4
Framing Play Set	Steps 5-11
Mounting Deck Spacers and Deck Boards	Step 12
Attaching Panel Slats and Slat Boards	Step 13
Picnic Table Seats, Picnic Table Top and Small Slats	Steps 14-15
Attaching Tarp Boards and Tarp	Steps 16-18
Building and Attaching Rock Wall/Ladder Combination	Steps 19-23
Swing Beam Assembly and Play Set Placement! IMPORTANT!	Steps 24-31
Attaching Wave Slide	Step 32
Attaching Steering Wheel	Step 33
Attaching Safety Handles	Step 34
Attaching Flags	Step 35
Installing Ground Stakes	Step 36
Hanging Swings	Step 37
Attaching PlayNation Logo Plate	Step 38
Warranty Registration 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.

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 15 years for structural wood components and for 2 years 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, EXPRESSED, 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 PLATFORM: 250 LBS. TOTAL WEIGHT

• SWING BELTS: 275 LBS.

• GLIDER SWINGS: 70 LBS. PER CHILD

TRAPEZE: 125 LBS.

• FULL BUCKET SWING: 85 LBS.

TODDLER HALF BUCKET SWING: 85 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 2 occupants who have a combined weight not exceeding 250 pounds on the elevated floor and 3 occupants who have a combined weight of 400 pounds on the swing area for a total unit capacity of 5 occupants who have a combined weight of 650 pounds. (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 and anchored.



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

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

- Hardware that is loose, worn or that has protrusions or projections.
- Exposed equipment footings.
- Scattered debris, litter, rocks, or tree roots.
- Splinters, large cracks, and decayed wood components.
- Deterioration and corrosion on structural components, which connect to the ground.
- Missing or damaged equipment components, such as handholds, guardrails, swing seats.
- Check all nuts and bolts 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. 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

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	n/a	n/a
	Height		
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.



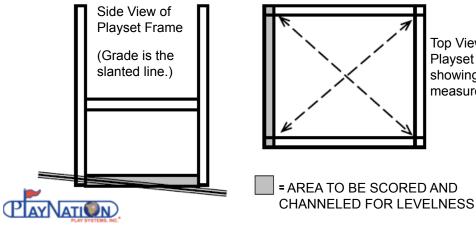
2. Fall Zones - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending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

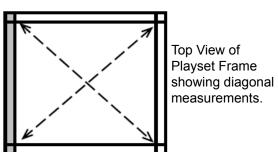
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

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. THE DIAGONAL





SHOULD BE THE SAME FROM CORNER POST TO CORNER POST. IF NOT, ADJUST FORT SO THAT THE DISTANCE IS EQUAL.

MEASUREMENTS

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



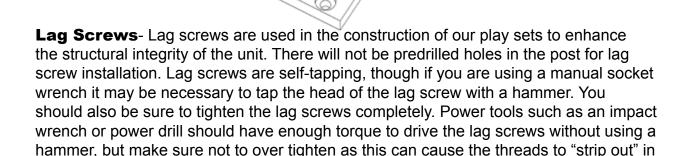
EXAMPLE OF OFFSET HOLES UP



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.

Counter Sunk Hole

Thru Hole

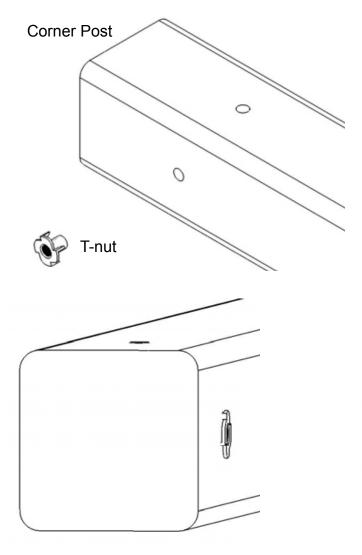


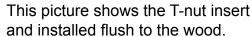
PAYNATION.

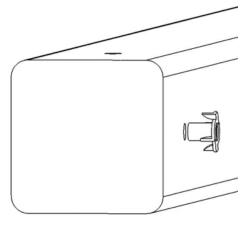
the post.

Common Installation Practice Installing T-nuts

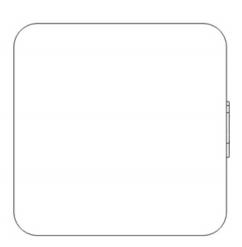
When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood





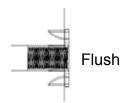


Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.



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

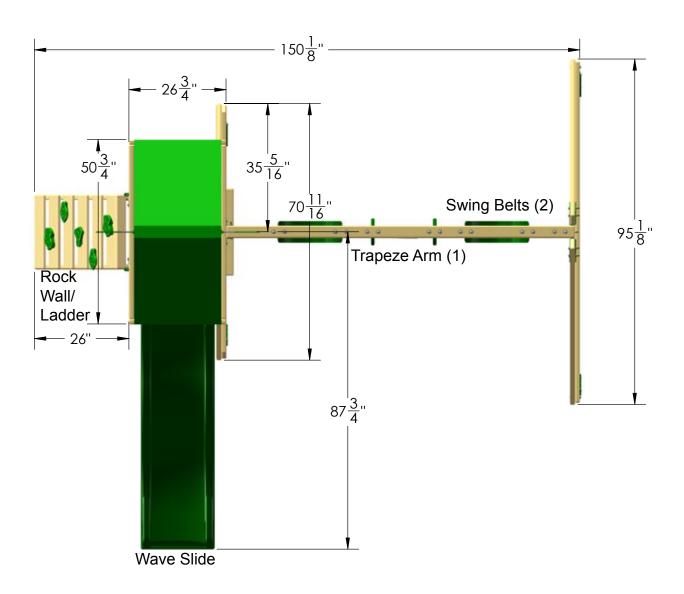
WARNING: DO NOT EMBED THE TOP
OF THE T-NUT INTO THE
FACE OF THE WOOD



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.



SITE PLAN:



Playset height: 8 feet - 9 inches

Swing Beam height: 78-3/4 inches

Approximate assembly time: 4 to 6 hours

6 foot unobstructed safety perimeter around playset recommended.



REQUIRED TOOL LIST:

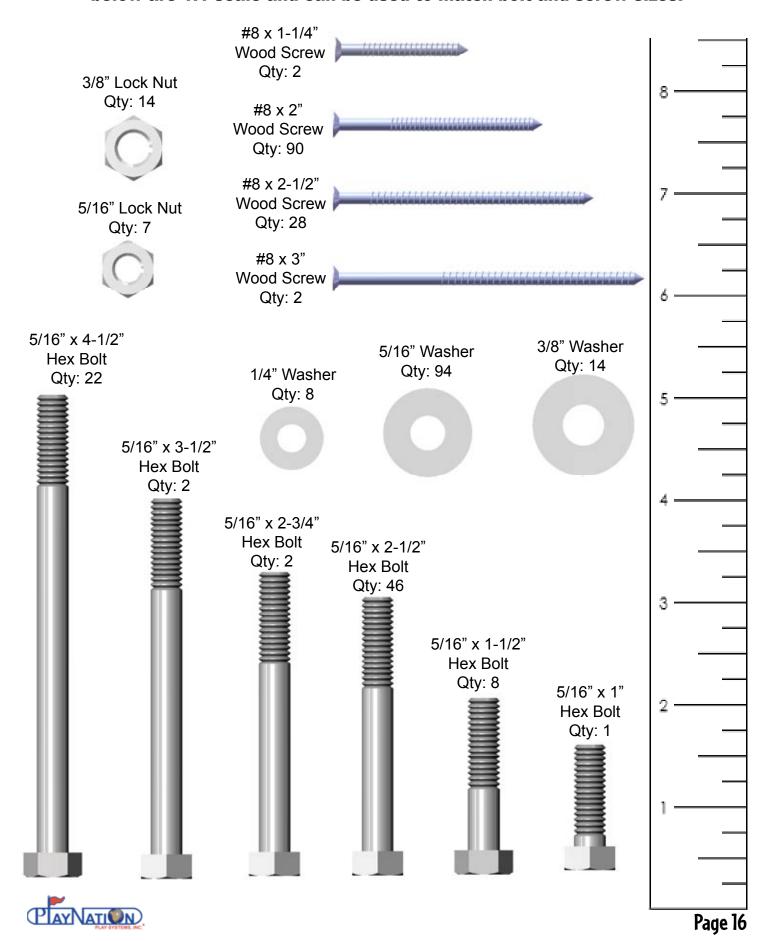
Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)1/8" Drill Bit
3/8" Drill Bit
1/2" Wrench and Socket
½" Deep Well Socket 9/16" Deep Well Socket
9/16" Wrench and Socket
Level
Tape Measure
Extension Cord (if using standard drill)
Hammer
Pencil
Locking Pliers (Vise Grips)
Shovel
KIT CONTENTS
Swings, Slides, Accessories: (Qty) Description
(2) Swingbelts w/ Chains
(1) 8ft. Wave Slide
(1) Bimini Assembly Manual
(5) Rock Wall Grips (assorted colors)
(1) Trapeze Swing
(1) Steering Wheel
(2) Plastic Safety Handles
(2) Flags
(4) Ground Stakes
Fort and Swing Beam Hardware: see following pages
Wood Components:



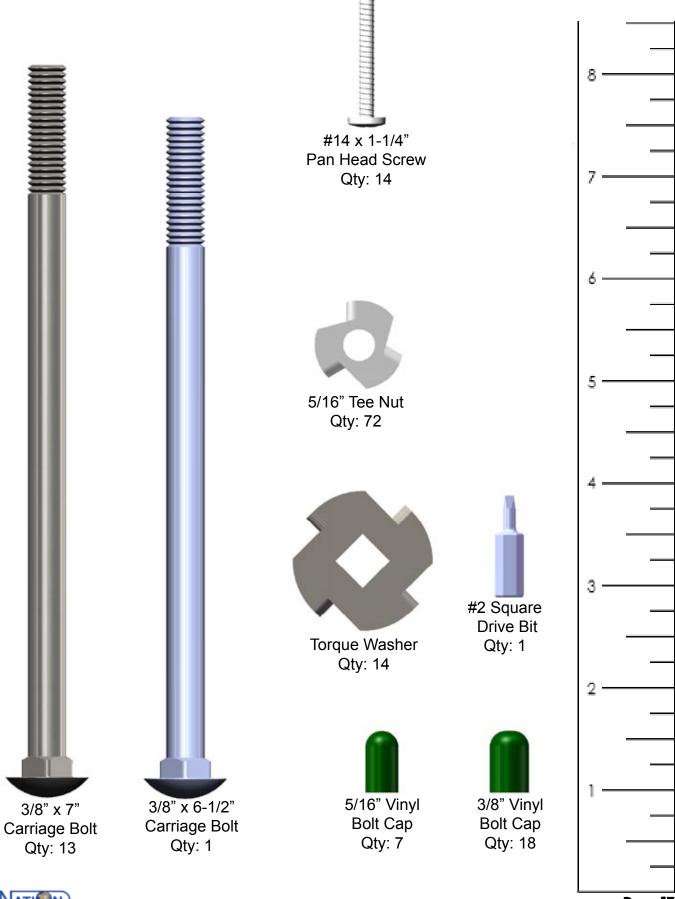
see following pages



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.



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.





Page 17

Picture		Description	Qty.
		2 x 4 x 22-1/2" Right Vertical Tarp Support	1
	©	2 x 4 x 23-7/8" Deck Support	2
	0	2 x 4 x 24" PT Support and Deck Panel Board	5
		2 x 4 x 24" Right Side Slat Board	1
		2 x 4 x 24" Rock Wall Panel Board	1
		2 x 4 x 24" Top Tarp Board	1



Picture	Description	Qty.
	2 x 4 x 25-3/8" Rear Slat Board	1
	2 x 4 x 26-3/4" End Tarp Board	2
	2 x 4 x 26-3/4" Front-Rear Deck Panel Board	2
	2 x 4 x 27" Left Vertical Tarp Support	1
	2 x 4 x 47" Side Support	2
	2 x 4 x 48" Side Tarp Support	2



Picture	Description	Qty.
•	2 x 4 x 50-1/2" Rock Wall Side	2
:	2 x 4 x 84" Corner Post (Left Side)	2
	2 x 4 x 84" Corner Post (Right Side)	2
· · · ·	2 x 4 x 86" Swing Leg	2
·	2 x 4 x 94" Swing Leg Cross-Member	1
	2 x 6 x 24" Bottom Sandbox Board - Left	1



Picture	Description	Qty.
	2 x 6 x 24" Left Arched Top Panel Board	1
	2 x 6 x 24" Right Top Panel Board	1
0	2 x 6 x 25-3/8" Sandbox Board - Front	1
9	2 x 6 x 25-3/8" Sandbox Board - Rear	1
0	2 x 6 x 26-3/4" Front Arched Top Panel Board	1
0	2 x 6 x 26-3/4" Rear Top Panel Board	1



Picture	Description	Qty.
e e e	2 x 6 x 70" Sandbox Board - Right	1
	4 x 4 x 24" Swing Beam Support	1
	4 x 6 x 96" Swing Beam	1
	5/4 x 2-5/8" x 11- 1/2" Panel Slat (Lower)	6
	5/4 x 2-5/8" x 30" Panel Slat (Upper)	6
	5/4 x 3 x 20-1/2" Rock Wall Top Cap	1



Picture	Description	Qty.
	5/4 x 3-1/4 x 21-1/4" Deck Spacer	2
	5/4 x 5 x 21-1/4" Picnic Table Top and Seat	4
	5/4 x 5-3/8" x 24" Deck Board	3
	5/4 x 5-1/2" x 20-1/2" Rock Wall Board	6
(Not Shown)	Hardware Box	1
	90° Green Bracket	3



Picture	Description	Qty.
	2" x 2" x 4-1/2" Bracket	2
	Swing Leg Bracket	1
	Swing Leg Angle Bracket	1
	Tarp 24" x 69-1/2"	1
	Flag Kit	2
	Steering Wheel	1



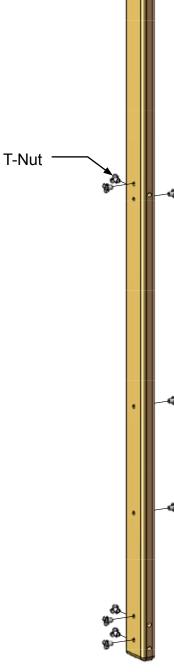
Picture	Description	Qty.
	Climbing Rocks	5
	8' Wave Slide	1
	Swing w/Chains	2
	Trapeze Bar w/Chains	1
	Safety Handle	2
	Ground Stake	4
PAYNATION.COM CHATCH DA 38079 WWW.PLAYNATION.COM	PlayNation Logo Plate	1



Step 1: Installing T-Nuts (Right Front Corner Post)

- 1: Locate one 2 x 4 x 84" Corner Post (Right Side) The top will have four holes.
- 2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.
- 3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.

Four holes in top of the Corner Post on this face.

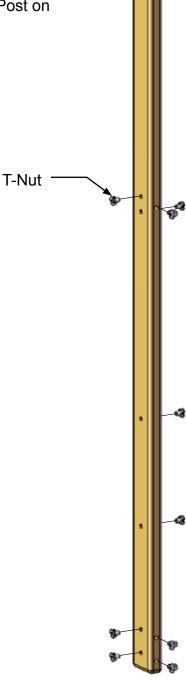




Step 2: Installing T-Nuts (Right Rear Corner Post)

- 1: Locate one 2 x 4 x 84" Corner Post (Right Side). The top will have four holes.
- 2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.
- 3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post.

Four holes in top of the Corner Post on this face.





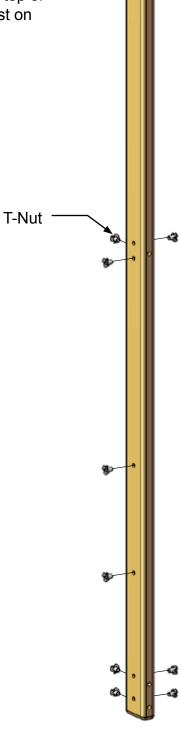
Step 3: Installing T-Nuts (Left Front Corner Post)

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

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

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

Three holes in top of the Corner Post on this face.





Step 4: Installing T-Nuts (Left Rear Corner Post)

- 1: Locate one 2 x 4 x 84" Corner Post (Left Side). The top will have three holes.
- 2: Use a hammer to set t-nuts after inserting them into the holes shown in the diagram.

this face.

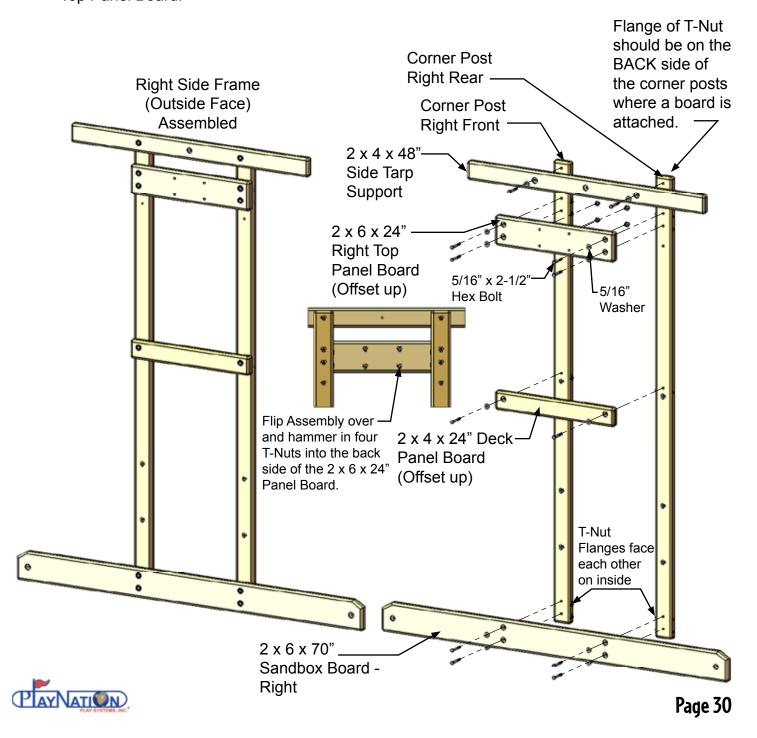
3: The barrel of the t-nut should go in the hole first. Hammer the t-nut until it is flush/almost flush to the corner post. Three holes in top of-

the Corner Post on T-Nut



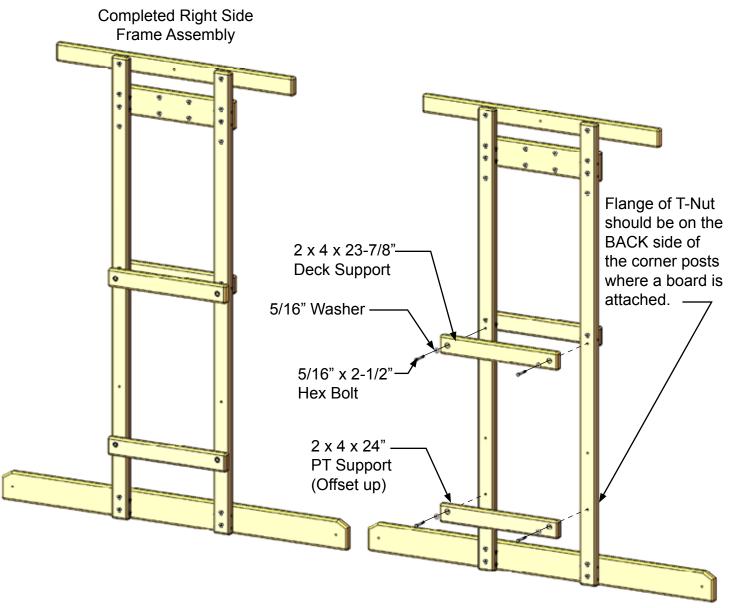
Step 5: Right Side Frame Assembly (Outside Face)

- 1: Place the Right Front and Right Rear corner posts as shown below. The flange of the T-nuts should be on the INSIDE of the corner posts facing each other at the top, middle and bottom.
- 2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 3: Attach each board to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers
- 4: Turn the assembly over and hammer four T-Nuts into the back of the $2 \times 6 \times 24$ " Right Top Panel Board.



Step 6: Right Side Frame Assembly (Inside Face)

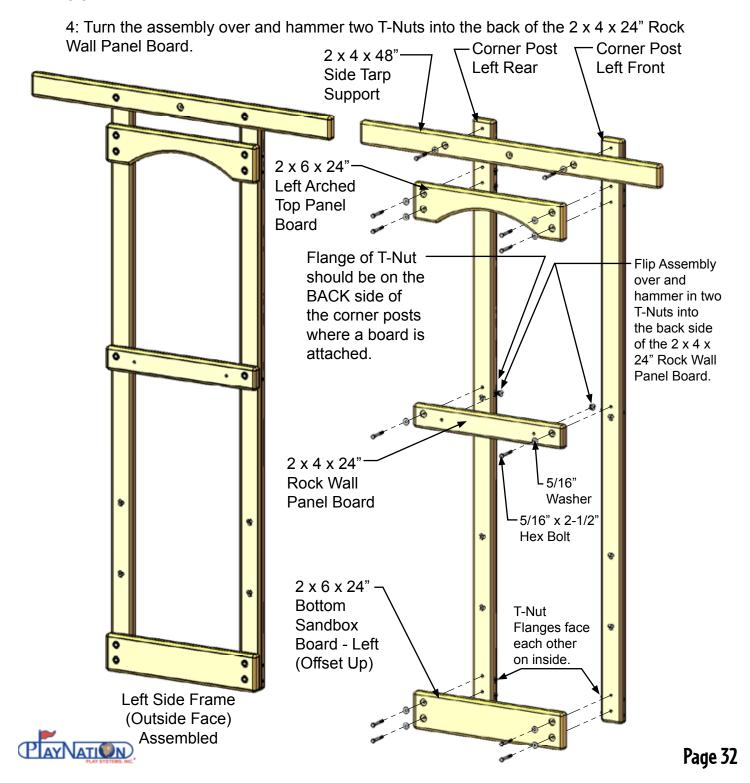
- 1: The Right Side Frame Assembly should still be turned over from putting in four T-Nuts in the previous step. If the frame is not turned over then turn it over now.
- 2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 3: Attach the 2 x 4 x 23-78" Deck Support to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.
- 4: Attach the 2 x 4 x 24" PT Support (Offset Up) to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.
- 5: Set the completed Right Side Frame Assembly aside and proceed to the next step to build the Left Side Frame.





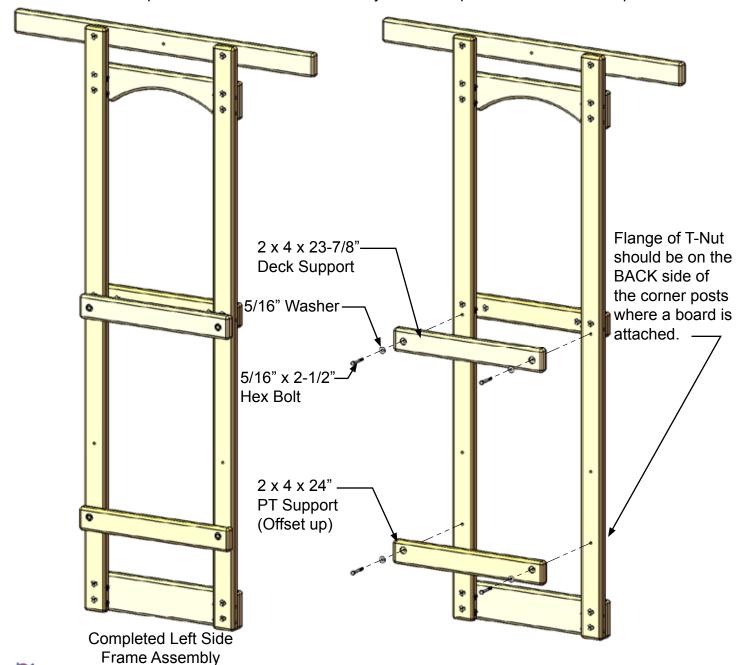
Step 7: Left Side Frame Assembly (Outside Face)

- 1: Place the Left Front and Left Rear corner posts as shown below. The flange of the T-nuts should be on the INSIDE of the corner posts facing each other at the top, middle and bottom.
- 2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 3: Attach each board to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.



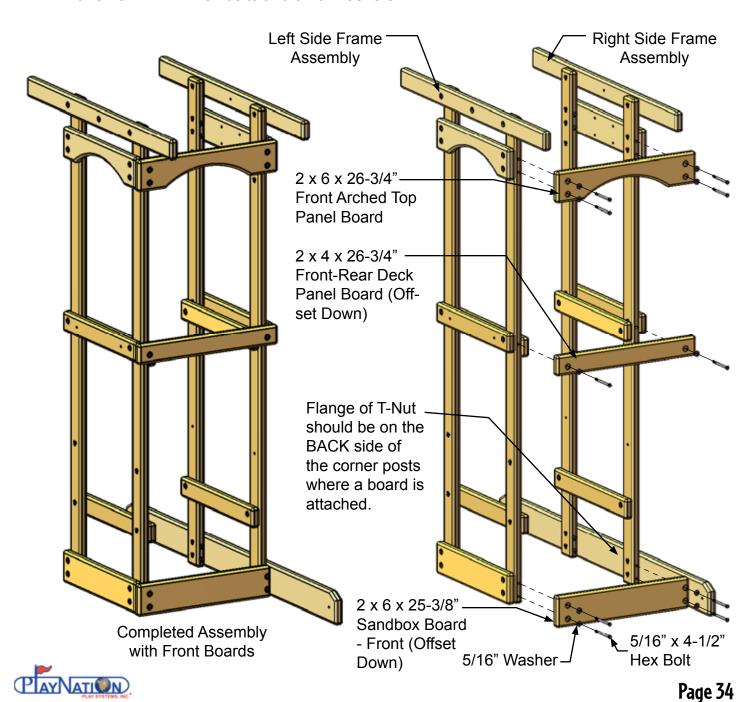
Step 8: Left Side Frame Assembly (Inside Face)

- 1: The Left Side Frame Assembly should still be turned over from putting in two T-Nuts in the previous step. If the frame is not turned over then turn it over now.
- 2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 3: Attach the 2 x 4 x 23-78" Deck Support to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.
- 4: Attach the 2 x 4 x 24" PT Support (Offset Up) to the corner posts with 5/16" x 2-1/2" hex bolts and 5/16" washers.
- 5: Set the completed Left Side Frame Assembly aside and proceed to the next step.



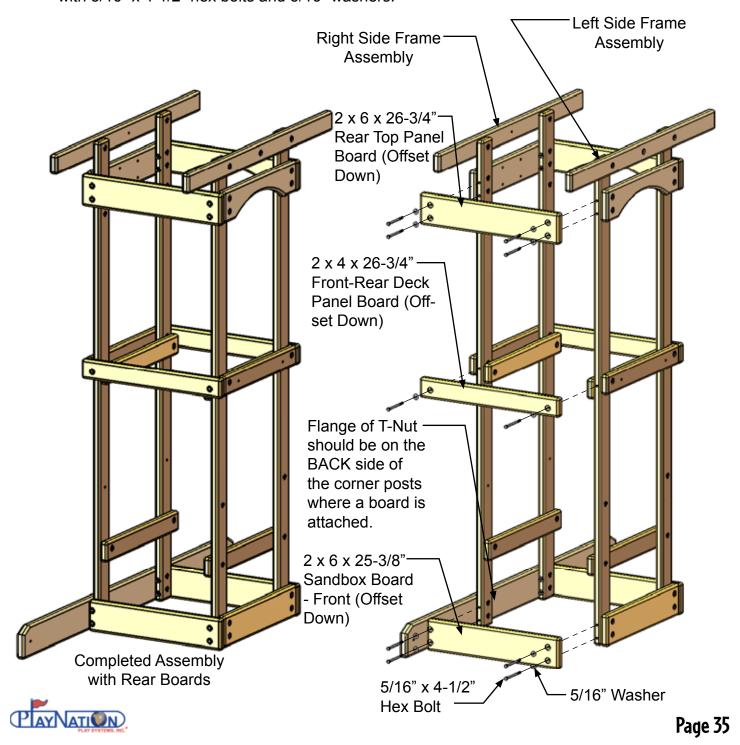
Step 9: Front Boards

- 1: Have an assistant hold up the Right Side Frame and Left Side Frame assemblies.
- 2: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 3: Attach the 2 x 6 x 26-3/4" Front Arched Top Panel Board to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.
- 4: Attach the 2 x 4 x 26-3/4" Front-Rear Deck Panel Board (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.
- 5: Attach the 2 x 6 x 25-3/8" Sandbox Board Front (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.



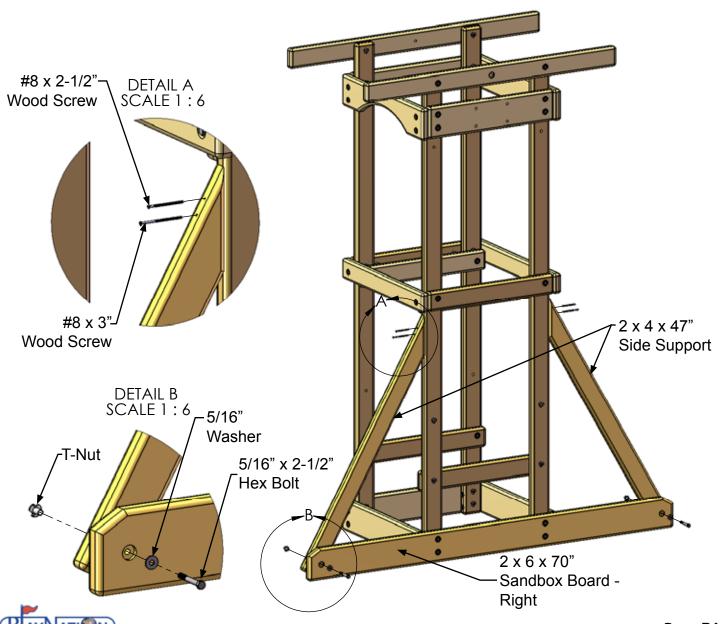
Step 10: Rear Boards

- 1: The flange of the T-nuts should be on the BACK side of the corner posts where a board is attached.
- 2: Attach the 2 x 6 x 26-3/4" Rear Top Panel Board (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.
- 3: Attach the 2 x 4 x 26-3/4" Front-Rear Deck Panel Board (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.
- 4: Attach the 2 x 6 x 25-3/8" Sandbox Board Rear (Offset Down) to the corner posts with 5/16" x 4-1/2" hex bolts and 5/16" washers.



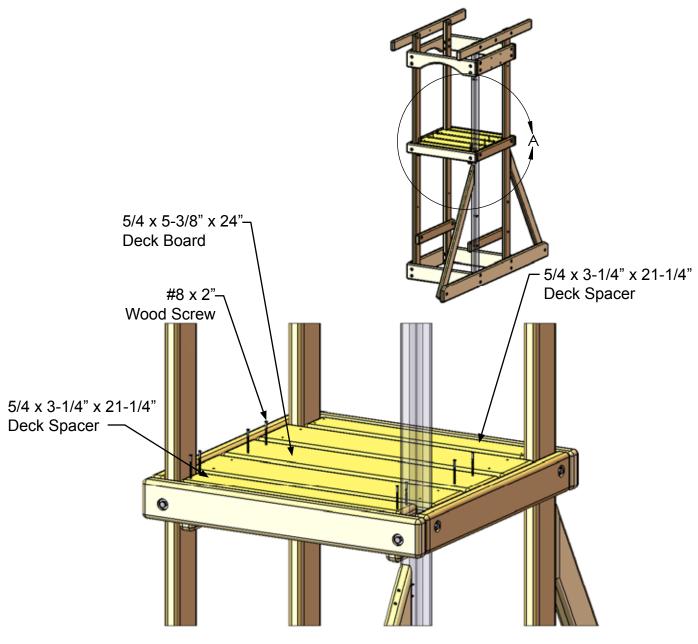
Step 11: Side Supports

- 1: Now is the time to level and square up your play set. Refer to the directions at the beginning of the manual for this process. Also see Step 29 for placement instructions.
- 2: Once you have the play set level and square proceed to substep 3.
- 3: Insert a T-Nut in the back side of a 2 x 4 x 47" Side Support. (See Detail B)
- 4: Attach the 2 x 4 x 47" Side Support to the 2 x 6 x 70" Sandbox Board Right with a 5/16" x 2-1/2" hex bolt and 5/16" washer. (See Detail B)
- 5: At the angled end of the Side Support attach it to the corner post with one #8 \times 2-1/2" wood screw in the top hole and one #8 \times 3" wood screw in the bottom hole. (See Detail A)
- 6: Repeat substeps 3-5 to attach the Side Support on the other side.



Step 12: Deck Spacers and Deck Boards

- 1: Place one $5/4 \times 3-1/4$ " x 21-1/4" Deck Spacer between the front corner posts and place one $5/4 \times 3-1/4$ " x 21-1/4" Deck Spacer between the rear corner posts as shown below.
- 2: Place three 5/4 x 5-3/8" x 24" Deck Boards between the Deck Spacers.
- 3: Make the gaps in between the Deck Boards and Deck Spacers equal.
- 4: Attach each Deck Spacer and Deck Board to the Deck Supports underneath them with four #8 x 2" wood screws.

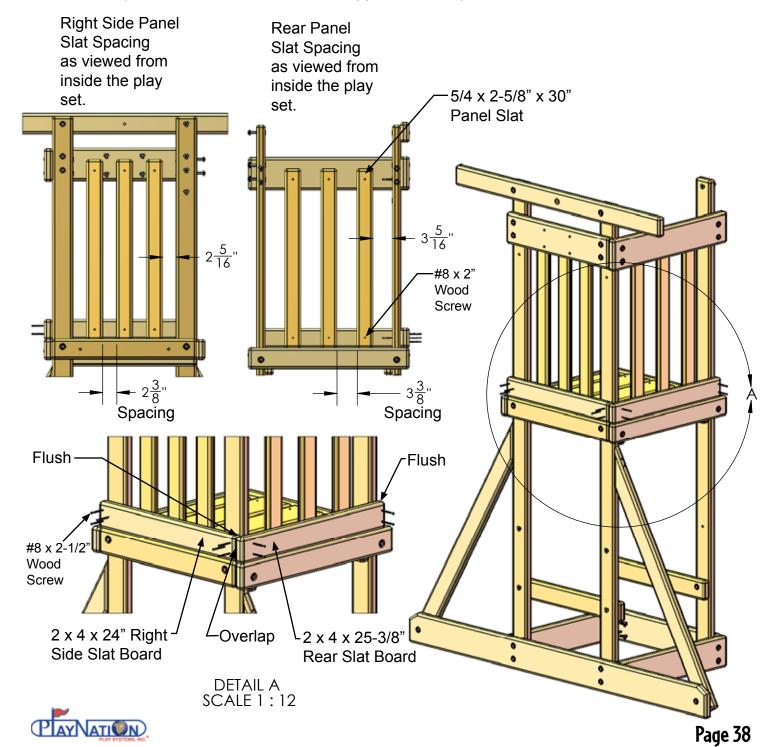






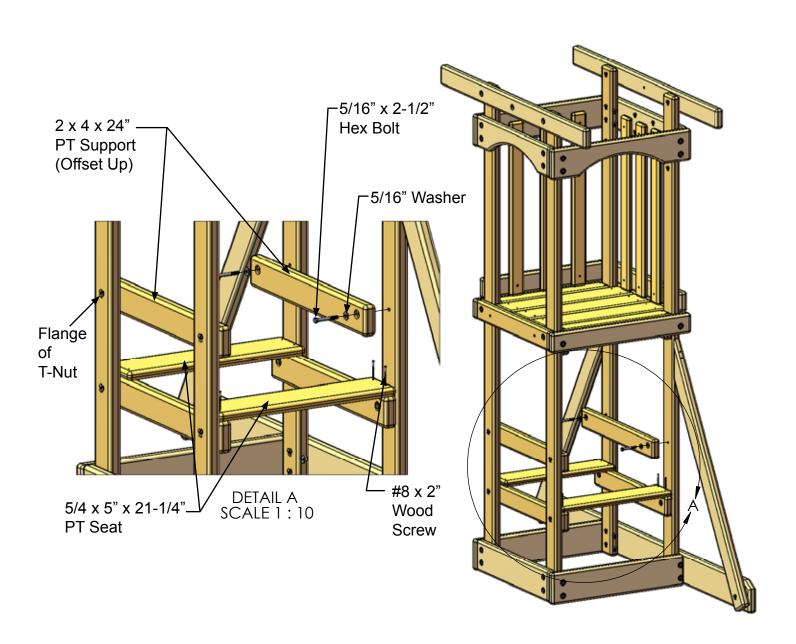
Step 13: Panel Slats and Slat Boards

- 1: Attach one 2 x 4 x 24" Right Side Slat Board to the Right Side Assembly with six #8 x 2-1/2" wood screws. It should be flush with the corner post. (See Detail A)
- 2: Attach one 2 x 4 x 25-3/8" Rear Slat Board to the corner posts at the rear of the play set with four #8 x 2-1/2" wood screws. Note how the Rear Slat Board overlaps the Right Side Slat Board in the Corner (See Detail A)
- 3: Attach the $5/4 \times 2-5/8$ " x 30" Panel Slats with two 2" wood screws each as shown below on the Right Side and Rear of the play set. The end of each slat rests on top of the deck. (See the two detail views at the upper left below).



Step 14: Picnic Table Seats and PT Supports

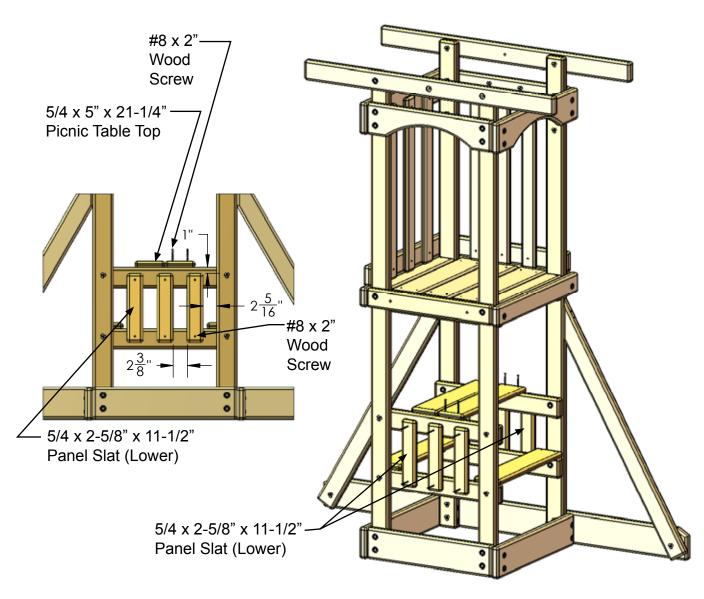
- 1: Place two $5/4 \times 5^{\circ} \times 21-1/4^{\circ}$ Picnic Table Seat boards on top of the existing PT Supports at the ends. Attach each Picnic Table Seat board to the existing PT Supports with four #8 x 2° wood screws.
- 2: Place a 2 x 4 x 24" PT Support (Offset Up) against the corner posts where shown. Attach each PT Support to the corner posts with 5/16" x 2-1/2" hex bolts with 5/16" washers. Make sure the flange of each T-Nut is on the back side of the corner post where you are attaching the PT Supports.





Step 15: Picnic Table Top and Small Slats

- 1: Place two $5/4 \times 5$ " x 21-1/4" Picnic Table Top boards on top of the PT Supports in the center. Attach each Picnic Table Top board to the PT Supports with four #8 x 2" wood screws.
- 2: Place three $5/4 \times 2-5/8" \times 11-1/2"$ Panel Slat (Lower) against the PT Supports on each side of the play set as shown in the view at the right below. Space the Panel Slats using the dimensions shown in the detail view at the left below. Attach each Panel Slat with two #8 x 2" wood screws.

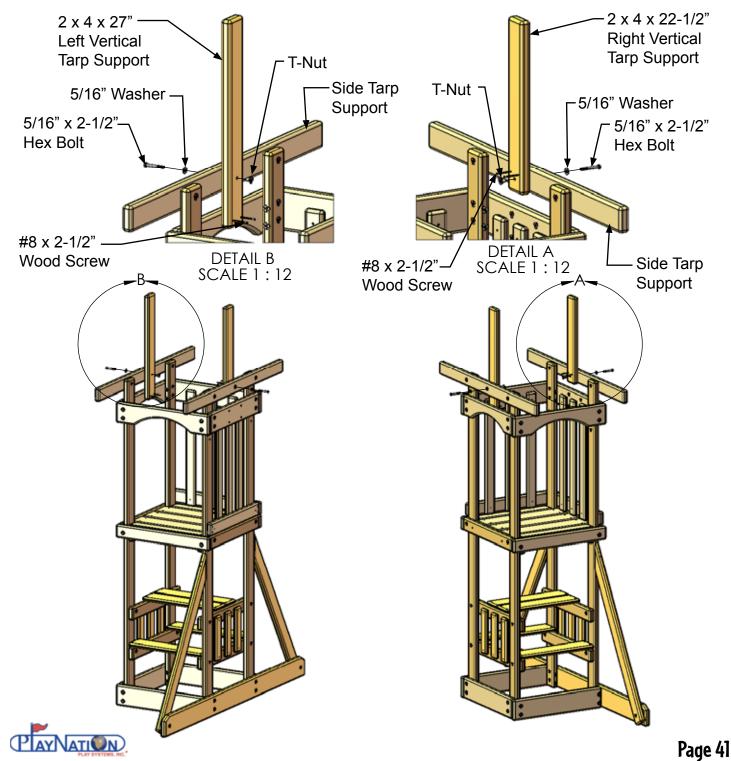




Step 16: Tarp Supports (Vertical)

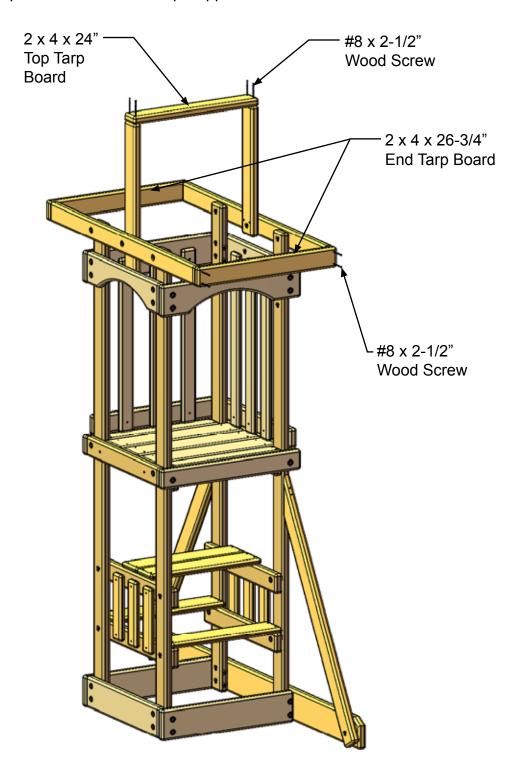
1: Hammer a T-Nut into the 2 x 4 x 22-1/2" Right Vertical Tarp Support. (See Detail A) Attach the Right Vertical Tarp Support to the Side Tarp Support with a 5/16" x 2-1/2" hex bolt and a 5/16" washer. Square the Right Vertical Tarp Support to the Side Tarp Support and attach it with two #8 x 2-1/2" wood screws.

2: Hammer a T-Nut into the 2 x 4 x 27" Left Vertical Tarp Support. (See Detail B) Attach the Left Vertical Tarp Support to the Side Tarp Support with a 5/16" x 2-1/2" hex bolt and a 5/16' washer. Square the Left Vertical Tarp Support to the Side Tarp Support and attach it with two #8 x 2-1/2" wood screws.



Step 17: Top Tarp Board and End Tarp Boards

- 1: Place the 2 x 4 x 24" Top Tarp Board on the top of the vertical tarp support boards that were just installed. Attach the Top Tarp Board to the vertical tarp supports with four $\#8 \times 2-1/2$ " wood screws.
- 2: Place the 2 x 4 x 26-3/4" End Tarp Boards on the end of the Side Tarp Supports. Attach each End Tarp Board to the Side Tarp Supports with four $\#8 \times 2-1/2$ " wood screws.





Step 18: Tarp

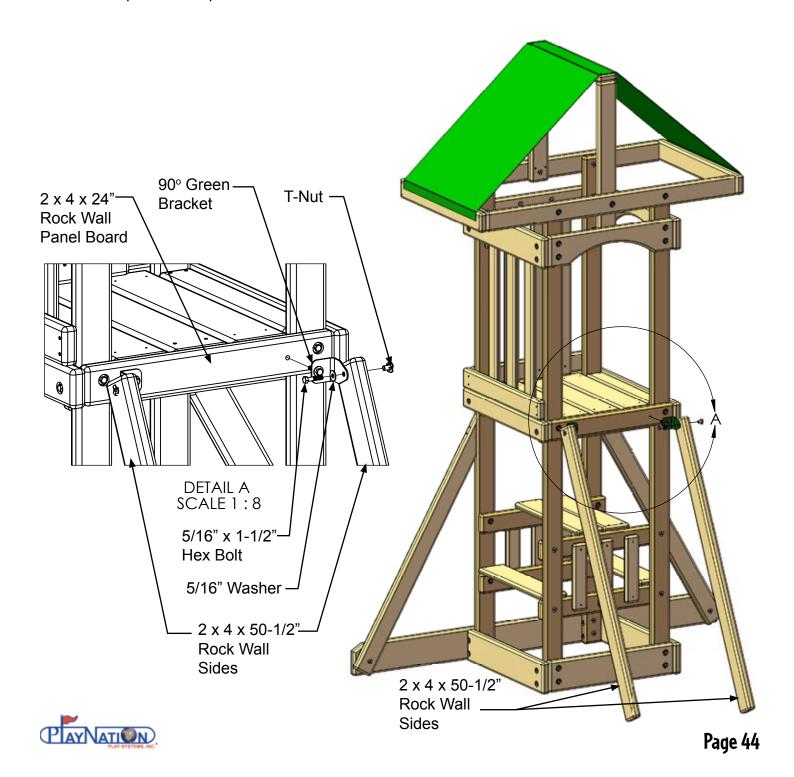
- 1: Place the 24" x 69-1/2" Tarp over the top of the Top Tarp Board.
- 2: The ends of the Tarp should overlap the End Tarp Boards equally on the front and rear.
- 3: Attach the Tarp to the End Tarp Boards through the grommets with six $\#14 \times 1-1/4$ " Pan Head Screws and six 1/4" flat washers.





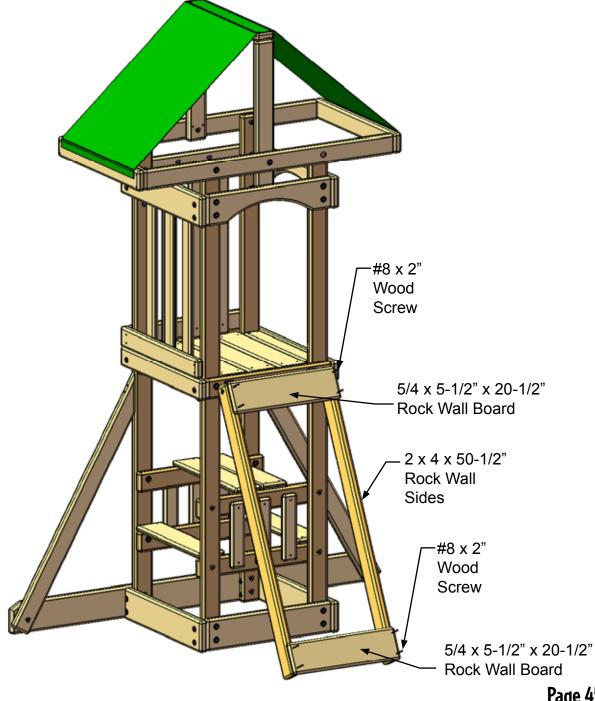
Step 19: Rock Wall-Ladder Combo Sides

- 1: Hammer a t-nut into the hole in each of the 2 x 4 x 50-1/2" Rock Wall Sides.
- 2: Attach the 90° Green Bracket to the 2 x 4 x 24" Rock Wall Panel Board with a 5/16" x 1-1/2" hex bolt and a 5/16" washer.
- 3: Attach the Rock Wall Side on the outside of the 90° Green Bracket with a 5/16" x 1-1/2" hex bolt and a 5/16" washer. Note the Rock Wall Side is attached to the tapered side of the 90° Green Bracket.
- 4: Repeat substeps 2-3 to attach the other Rock Wall Side.



Step 20: Rock Wall-Ladder Combo Top and Bottom Boards

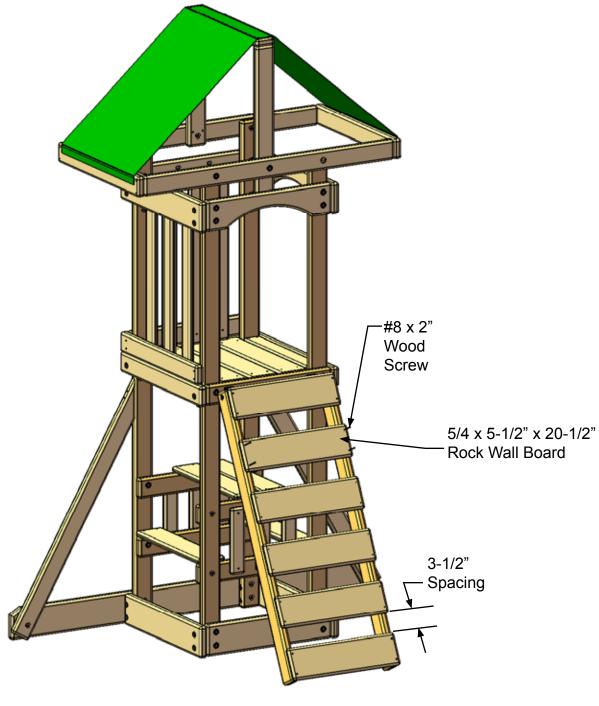
- 1: Place a 5/4 x 5-1/2" x 20-1/2" Rock Wall Board flush with the top/sides of the Rock Wall Sides. Attach the top two holes to the Rock Wall Sides with two #8 x 2" wood screws.
- 2: Place a 5/4 x 5-1/2" x 20-1/2" Rock Wall Board flush with the bottom/sides of the Rock Wall Sides. Attach the bottom two holes to the Rock Wall Sides with two #8 x 2" wood screws.
- 3: Square the Rock Wall Sides to the Rock Wall Boards. Finally install #8 x 2" wood screws in the remaining four empty holes in the Rock Wall Boards.





Step 21: Rock Wall-Ladder Combo Middle Boards

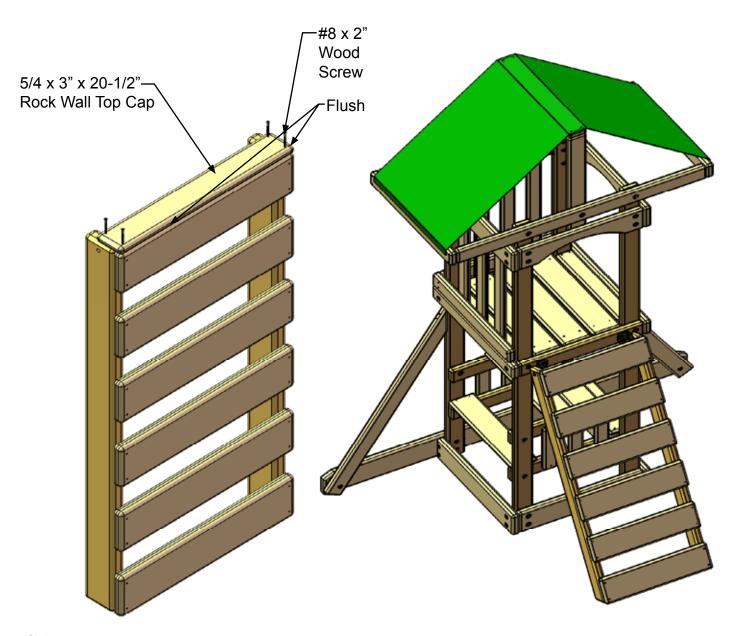
- 1: Place four $5/4 \times 5-1/2$ " x 20-1/2" Rock Wall Boards flush with the sides of the Rock Wall Sides. The Rock Wall Boards will have a 3-1/2" space between them.
- 2: Attach each Rock Wall Board to the Rock Wall Sides with four #8 x 2" wood screws.





Step 22: Rock Wall-Ladder Combo Top Cap

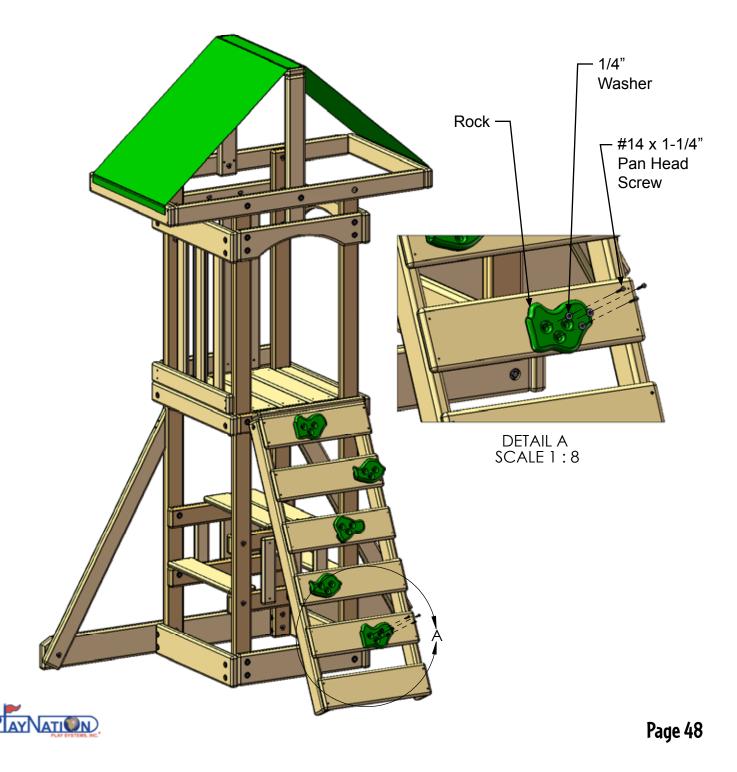
- 1: Remove the two screws and two washers that attach the Rock Wall Sides to the 90° Green Brackets. The 90° Green Brackets will stay attached to the play set.
- 2: Remove the Rock Wall from the play set.
- 3: Place the 5/4 x 3" x 20-1/2" Rock Wall Top Cap on top of the Rock Wall Sides and flush to the Rock Wall Board.
- 4: Attach the Rock Wall Top Cap to the Rock Wall Sides and Rock Wall Board with four #8 x 2" wood screws.
- 5: Re-attach the Rock Wall-Ladder Combo to the 90° Green Brackets with the screws and washers removed in substep 1.





Step 23: Rock Wall Rocks

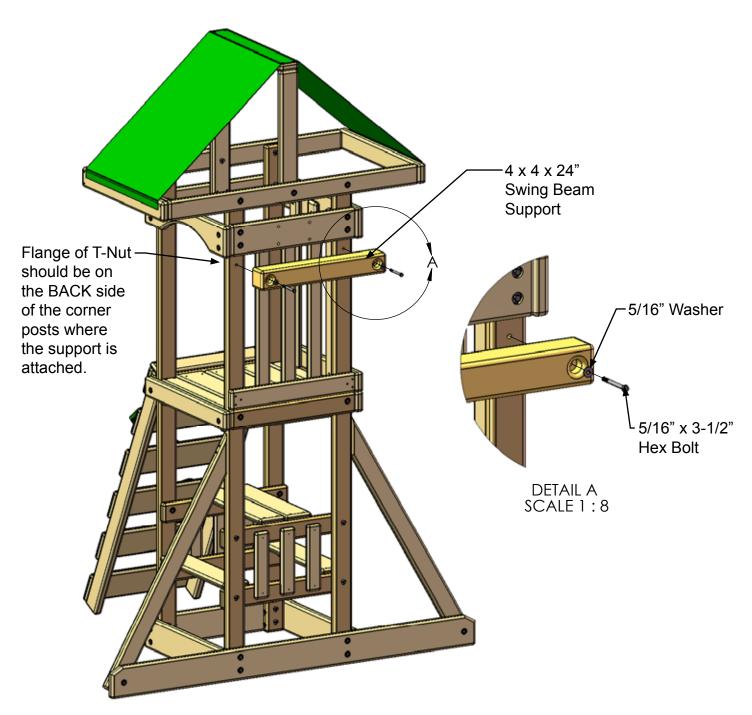
- 1: Place the Rock Wall Rocks onto the Rock Wall Boards in a staggered pattern as shown below.
- 2: Attach each Rock Wall Rock to the Rock Wall Board with the $#14 \times 1-1/4$ " pan head screws and 1/4" washers provided with the rocks.



Step 24: Swing Beam Support

- 1: Place the 4 x 4 x 24" Swing Beam Support against the outside of the right corner posts.
- 2: Attach the Swing Beam Support to the corner posts with 5/16" x 3-1/2" hex bolts and 5/16" washers into the t-nuts that were previously installed.

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

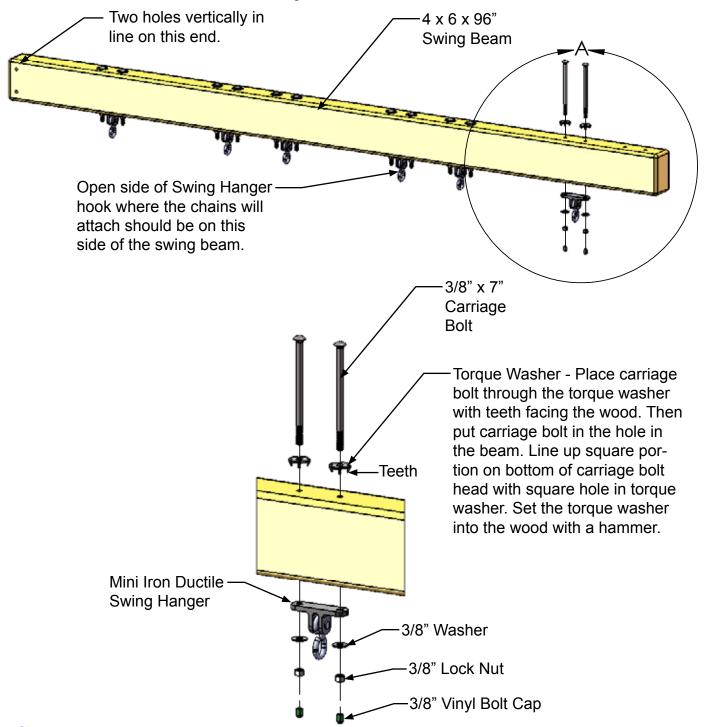




Step 25: Mini Iron Ductile Swing Hangers

- 1: Attach each Mini Iron Ductile Swing Hanger to the 4 x 6 x 96" Swing Beam with 3/8" x 7" carriage bolts and torque washers on top and 3/8" washers with 3/8" lock nuts on the bottom.
- 2: Cover the exposed threads on the end of the carriage bolts with the 3/8" vinyl bolt caps.

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





Step 26: Swing Leg Bracket and Swing Leg Angle Bracket

- 1: First, attach the Swing Leg Bracket to the swing beam with the 3/8" x 6-1/2" carriage bolt and torque washer on top and a 3/8" washer, 3/8" lock nut and 3/8" bolt cap on bottom.
- 2: Second, attach the Swing Leg Angle Bracket to the Swing Leg Bracket with a 3/8" x 7" carriage bolt and torque washer on top and a 3/8" washer, 3/8" lock nut and 3/8" bolt cap on bottom.

3: Third, attach the Swing Leg Angle Bracket to the Swing leg Bracket with a 5/16" x 1" hex bolt, two 5/16" washers, 5/16" lock nut and 5/16" bolt cap. 3/8" x 7" Carriage Bolt 3/8" x 6-1/2" Carriage Bolt Torque Washer **DETAIL A** SCALE 1:8 Swing Leg Bracket 3/8"-Washer 5/16" Bolt Cap 3/8" Lock -Nut 5/16" Lock 5/16" Nut Washer 3/8" Bolt -Cap Swing 5/16" x 1 5/16" Leg Angle

Bracket

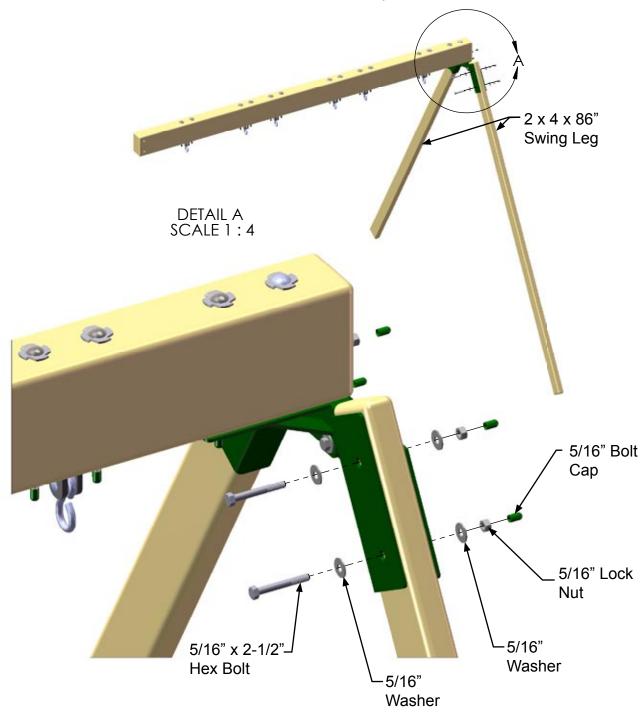


Hex Bolt

Washer

Step 27: Swing Legs

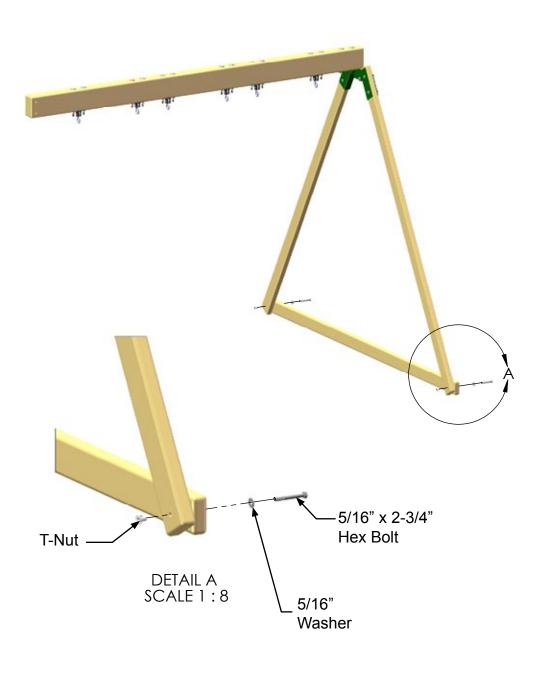
- 1: Place the end of the 2 x 4 x 86" Swing Leg with two holes in it inside the "u" shaped channel in the Swing Leg Bracket. Line up the holes in the leg with the holes in the bracket.
- 2: Attach the Swing Leg to the Swing Leg Bracket with two 5/16" x 2-1/2" hex bolts, four 5/16" washers, two 5/16" lock nuts and two 5/16" bolt caps. Leave the lock nuts a little loose until the next step.
- 3: Attach the other Swing Leg to the Swing Leg Bracket on the other side in the same manner. Leave the lock nuts a little loose until the next step.





Step 28: Swing Leg Crossmember

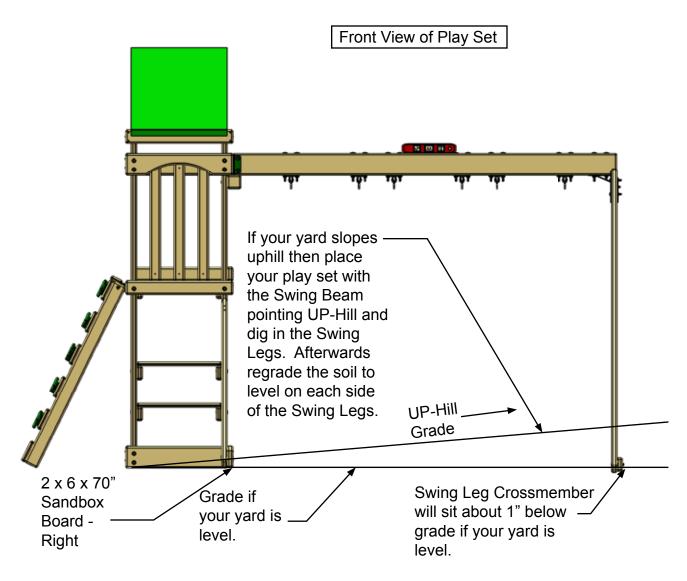
- 1: Hammer a t-nut into the bottom hole on the inside of each Swing Leg.
- 2: Attach the 2 x 4 x 94" Swing Leg Crossmember to the outside of the Swing Legs with 5/16" x 2-3/4" hex bolts and 5/16" washers.
- 3: Now go back and tighten up the bolts at the top of the Swing Legs.





Step 29: Placement of your Play Set

- 1: This play set is designed to be placed upon a relatively flat and level surface. If your yard is relatively flat and level where you are placing your play set then the Swing Leg Crossmember will sit about 1" below grade.
- 2: If your yard is "sloped" slightly then you should place your play set as shown below and "dig in" the Swing Legs. Afterwards go back and regrade the soil to level on both sides of the Swing Legs.





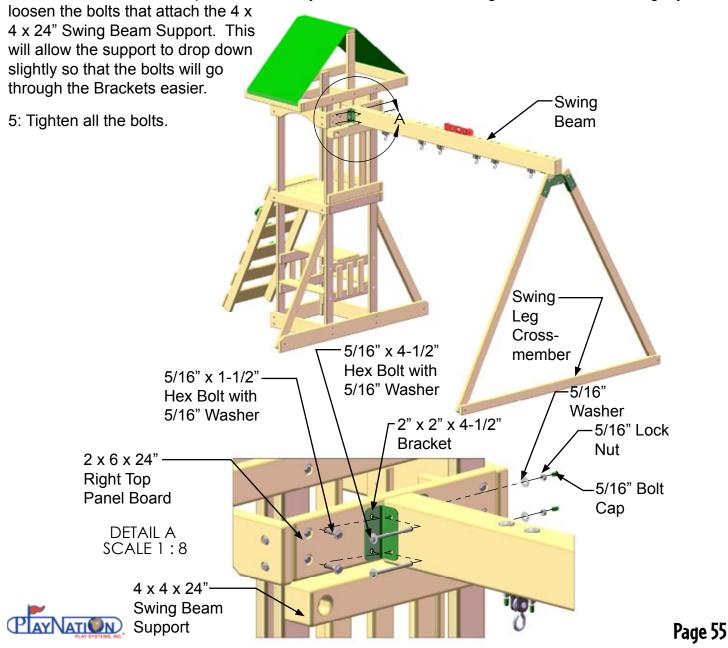
Step 30: Attaching Swing Beam to Play Set

- 1: Place the Swing Beam on top of the 4 x 4 x 24" Swing Beam Support.
- 2: Check the Swing Beam for level. If the swing beam is <u>level</u> then proceed to substep 3.

If the swing beam is <u>not level</u> then use a shovel to mark around the Swing Leg Crossmember. Remove the Swing Beam from the 4 x 4 x 24" Swing Beam Support so it does not fall on you. Dig out the area that you marked until a depth is reached that will make the swing beam level. Place the Swing Beam back onto the Swing Beam Support and verify it is level. If it is not level then remove the Swing Beam from the Swing Beam Support and add or subtract dirt from the dug out area until level is achieved.

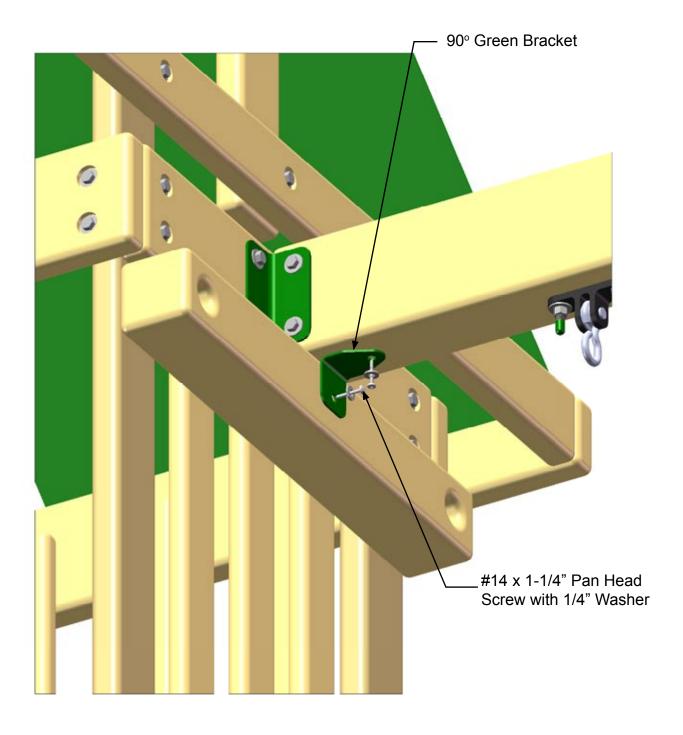
3: Place one 2" x 2" x 4-1/2" Bracket on each side of the Swing Beam. Loosely attach each bracket to the 2 x 6 x 24" Right Top Panel Board with 5/16" x 1-1/2" hex bolts and 5/16" washers.

4: Loosely attach the Brackets to the Swing Beam with 5/16" x 4-1/2" hex bolts, 5/16" washers, 5/16" lock nuts and 5/16" bolt caps. **TIP**: Should you have trouble attaching the Brackets then "slightly"



Step 31: 90° Green Bracket

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



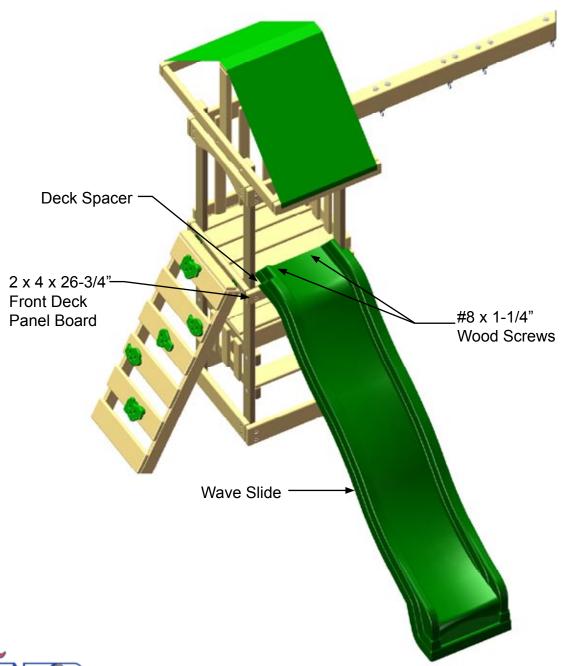


Step 32: Wave Slide

- 1: Place the Wave Slide in the opening at the front of the play set.
- 2: The lip of the Wave Slide should sit on top of the Deck Spacer and the 2 x 4 x 26-3/4" Front Deck Panel Board as shown.
- 3: Attach the Wave Slide to the deck with two #8 x 1-1/4" wood screws.

* DO NOT OVER TIGHTEN *

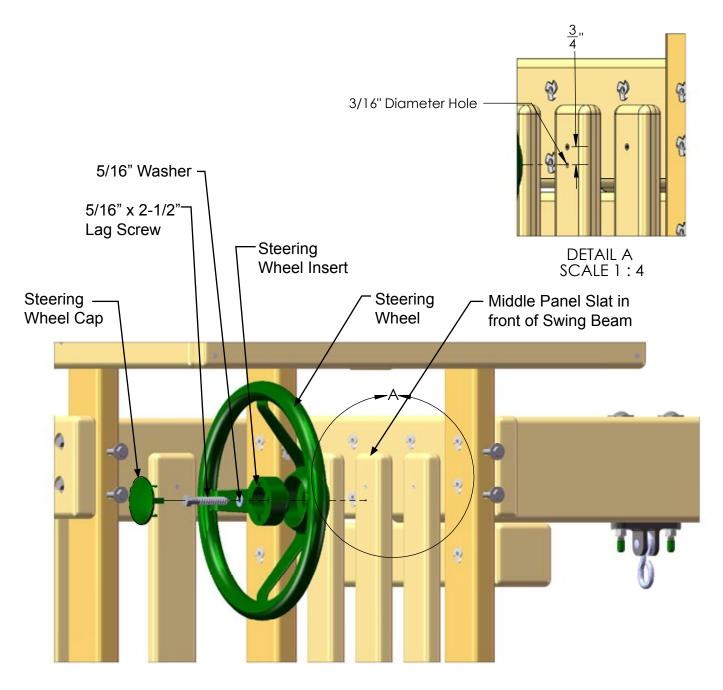
4: Once the slide is installed **DO NOT** lift the end of the slide. **DO NOT** bump the slide with a lawn mower. These actions and any other actions which crack the slide where the screws are fastened to the deck are not covered by your warranty.





Step 33: Steering Wheel

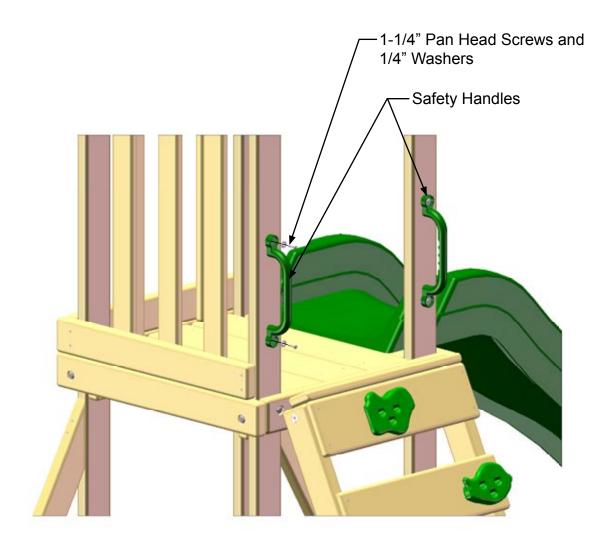
- 1: Drill a 3/16" diameter hole 1-3/4" deep 3/4" below the screw in the middle Panel Slat located in front of the swing beam.
- 2: Place the Steering Wheel Insert inside the Steering Wheel.
- 3: Attach Steering wheel to the Panel Slat with the 5/16" x 2-1/2" lag screw and 5/16" washer provided with the steering wheel. Do not over tighten the lag screw or the steering wheel will not turn.
- 4: Snap the Steering Wheel Cap inside the Steering Wheel Insert.





Step 34: Safety Handles

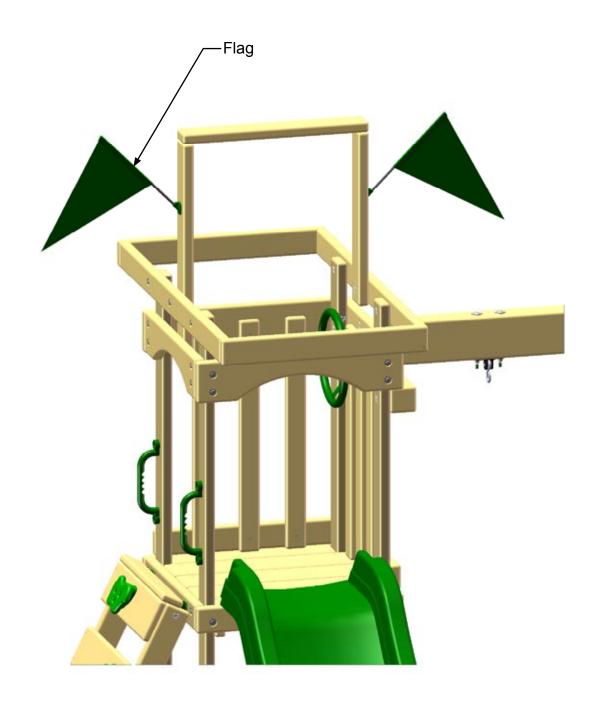
- 1: Place the Safety Handles against the corner posts as shown above the Rock Wall/Ladder combination.
- 2: Space the Safety Handles up or down to suit the needs of your child.
- 3: Attach each Safety Handle with two 1-1/4" phillips pan head screws and 1/4" washers provided with each Safety Handle.





Step 35: Flags

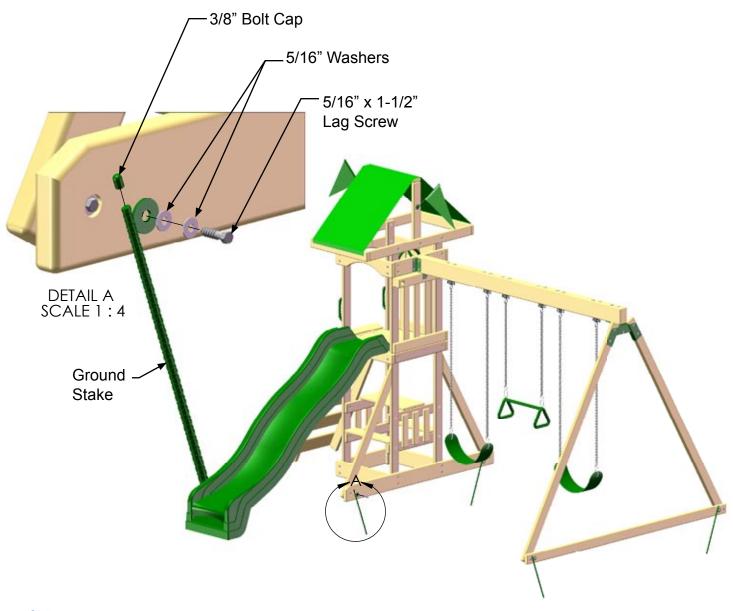
- 1: Place the Flags on the left and right sides of the play set on the vertical tarp supports as shown below. Note Tarp has been removed for clarity.
- 2: Attach the plastic base of each Flag to the vertical tarp support with the 1/2" phillips head screws provided with the Flags.





Step 36: Ground Stakes

- 1: Hammer each Ground Stake into the ground at an inward angle next to the 2 x 6 and 2 x 4 boards as shown below. Place a scrap piece of cardboard behind the Ground Stake to avoid hitting the board with your hammer.
- 2: Once the Ground Stake is hammered into the ground remove the scrap cardboard.
- 3: Attach the Ground Stake to the board with one 5/16" x 1-1/2" lag screw and TWO 5/16 washers
- 4: Place a 3/8" bolt cap over the end of the Ground Stake.
- 5: Repeat substeps 1-4 for the remaining Ground Stakes.





Step 37: Hanging Swings

- 1: Hang each swing to the Mini Iron Ductile Swing Hangers by placing a chain link over the hook end of the swing hanger.
- 2: Count equal numbers of chain links on each swing chain to move the swing up or down.





Step 38: PlayNation Name Plate

- 1: Attach the PlayNation Name Plate to the middle of the Swing Beam with two 2" wood screws.
- 2: Your play set is finished! Enjoy your play set!.





WARRANTY REGISTRATION CARD - Bimini

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:

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