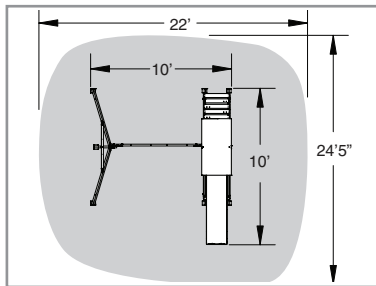


SUNVIEW II PLAY SYSTEM – F24061

INSTALLATION AND OPERATING INSTRUCTIONS



! WARNING To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play system. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE - 22' x 24'5" (6.7 x 7.4 m) area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6'6" (2.3 m)

CAPACITY - 4 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks



Two person
assembly



Solowave Design

375 Sligo Rd. West, PO Box 10
Mount Forest, ON Canada N0G 2L1

General Inquiries:

8:00am - 4:30pm EST
Toll Free: **1-877-966-3738**
support@solowavedesign.com

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Installation of I.D./Warning Plaque	Final Step

Warnings and Safe Play Instructions



CONTINUOUS ADULT SUPERVISION REQUIRED. Most serious injuries and deaths on playground equipment have occurred while children were unsupervised! Our products are designed to meet mandatory and voluntary safety standards. Complying with all warnings and recommendations in these instructions will reduce the risk of serious or fatal injury to children using this play system. Go over the warnings and safe play instructions regularly with your children and make certain that they understand and follow them. Remember on-site adult supervision is required for children of all ages.

WARNING

SERIOUS HEAD INJURY HAZARD

Installation over concrete, asphalt, dirt, grass, carpet and other hard surface creates a risk of serious injury or death from falls to the ground. Install and maintain shock absorbing material under and around play-set as recommended on page 3 of these instructions.

COLLISION HAZARD

Place play-set on level ground at least 6 feet from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

CHOKING HAZARD

Prior to assembly, this product contains small parts. DO NOT allow children less than 5 years of age near or around loose nuts, screws, washers, plastic bags and other small parts.

STRANGULATION HAZARD

- NEVER allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this play-set or to attach these items to play-set.
- NEVER allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, items with draw-strings, cords or ties when using this play-set.
- NEVER allow children to wear bike or sport helmets when using this play-set.

Failure to prohibit these items, even helmets with chin straps, increases the risk of serious injury and death to children from entanglement and strangulation.

TIP OVER HAZARD

DO NOT allow children to play on the play-set until the assembly is complete and the unit is properly anchored.

WARNING – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- ✓ Dress children with well fitting and full foot enclosing footwear.
- ✓ Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- ✓ Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- ✓ Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- ✗ Do not allow children to wear open toe or heel footwear like sandals, flip-flops or clogs.
- ✗ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✗ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✗ Do not let children get off rides while they are in motion.
- ✗ Do not permit climbing on equipment when it is wet.
- ✗ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✗ Do not allow children to swing empty rides or seats.
- ✗ Do not allow children to go down slide head first or run up slide.

Protective Surfacing - Reducing Risk of Serious Head Injury From Falls.

One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM F1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

Loose-Fill Materials

- Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically raked and refilled to maintain at least a 9-inch depth.
- Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.)

NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are not adequate protective surfacing. Ground level equipment -- such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface -- does not need any protective surfacing.

- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.
- Periodically rake, check and maintain the depth of the loose-fill surfacing material. Marking the correct depth on the play equipment support posts will help you to see when the material has settled and needs to be raked and or replenished. Be sure to rake and evenly redistribute the surfacing in heavily used areas.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.

Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles

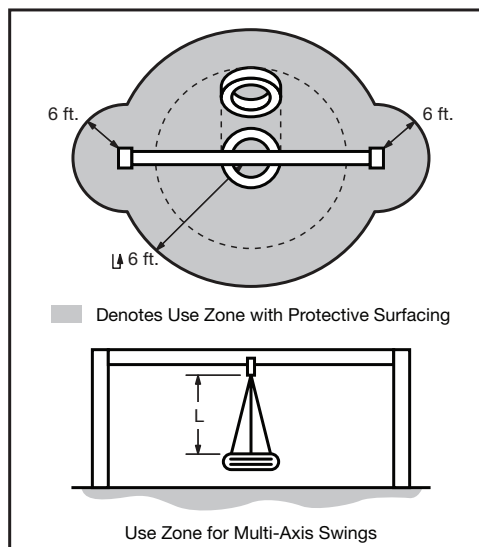
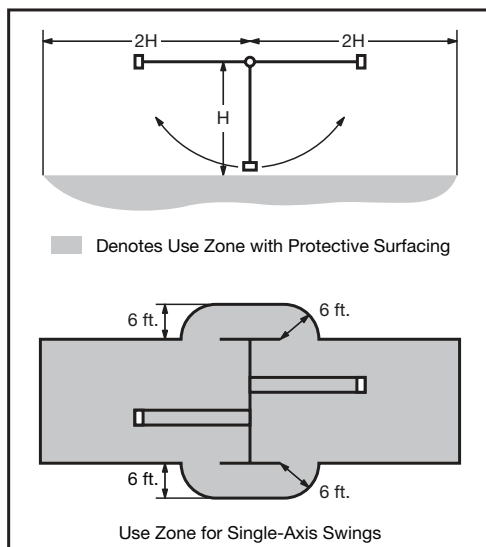
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- Installations of these surfaces generally require a professional and are not “do-it yourself” projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacture for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment*. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height - vertical distance between a designated play surface (*elevated surface for standing, sitting, or climbing*) and the protective surfacing below - of your play equipment.
- Check the protective surfacing frequently for wear.

Placement

Proper placement and maintenance of protective surfacing is essential. Refer to diagram on front cover. Be sure to;

- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.



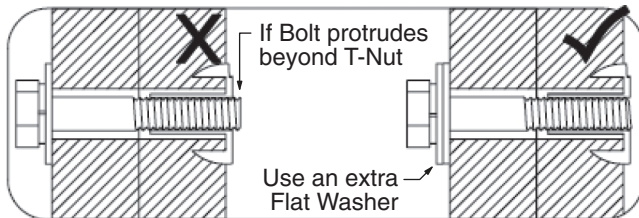
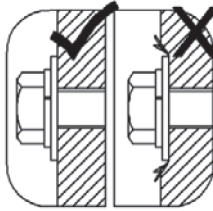
Instructions for Proper Maintenance

Your Big Backyard Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

Check the following at the beginning of the play season:

HARDWARE:

- ✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- ✓ Inspect and tighten all hardware. On wood assemblies **DO NOT OVER-TIGHTEN** as to cause crushing and splintering of wood.
- ✓ Check for sharp edges or protruding screw threads, add washers if required.



SHOCK ABSORBING SURFACING:

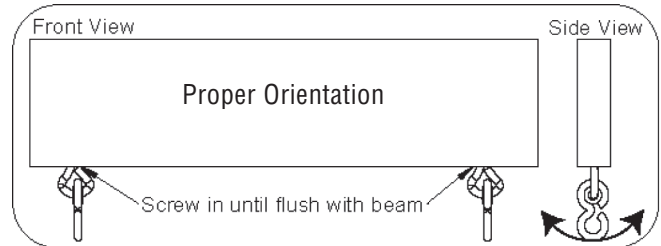
- ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

GROUND STAKES (ANCHORS):

- ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.

SWING HANGERS:

- ✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.



SWINGS, ROPES AND RIDES:

- ✓ Reinstall if removed during cold season. Check all moving parts including swing seats, ropes, chains and attachments for wear, rust and other deterioration. Replace as needed.
- ✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ Unprotected, they will appear weathered over time. Periodic application of an exterior water repellent or stain (water-based) will help improve appearance and life.

Check twice a month during play season:

HARDWARE:

- ✓ Inspect for tightness. Must be firmly against, but not crushing the wood. **DO NOT OVER-TIGHTEN.** This will cause splintering of wood.
- ✓ Check for sharp edges or protruding screw threads. Add washers if required.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

Check once a month during play season:

SWING HANGERS:

- ✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS AND RIDES:

- ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.

Check at the end of the play season:

SWINGS AND RIDES:

- ✓ To prolong their life, remove swings and store inside when outside temperature is below 32°F/0°C. Below freezing, plastic parts may become more brittle.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

If you dispose of your play set: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

About Our Wood

Solowave Design™ uses only premium playset lumber, ensuring the safest product for your children's use. Although great care has been taken in selecting the best quality lumber available, wood is a product of nature and susceptible to weathering (changes in the aesthetics of the wood). A light sanding may be required to remove minor splinters. For your information, we have described some changes that may occur as a result of weathering:

1. **Checking** Checks are surface cracks in the wood along the grain. 4" x 4" material will experience more checking than 2", 1-1/4" or 1" material because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** Warping refers to any distortion (twisting, cupping) from the true plane that may take place during weathering.
3. **Fading** Wood exposed to sunlight, will over time, turn a grey color.

Note: The above changes will not affect the strength of the product.

What causes weathering?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the moisture moves in or out of the wood (result of climate changes), the different moisture content causes tension in the wood, which can result in checking and or warping.

How can I reduce the amount of weathering to my Play System?

At the factory we have added water repellent to the stain. This water repellent decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the water repellent, so we recommend applying a water repellent on a yearly basis (see your local stain and paint supplier for a recommended product). Also if storing the product before installation, make sure you store out of direct sunlight in a cool dry place.

Will weathering affect the strength of my Play System?

Most weathering is just the normal result of nature and will not affect safe play and enjoyment for your child. However if you are concerned that a part has experienced a severe weathering problem please call our consumer relations department for further assistance.

Complete and mail registration card to receive important product notifications and assure prompt warranty service.

10 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 10 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.

This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

- Labor for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature;
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity.

Solowave Design products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Solowave Design Inc. cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

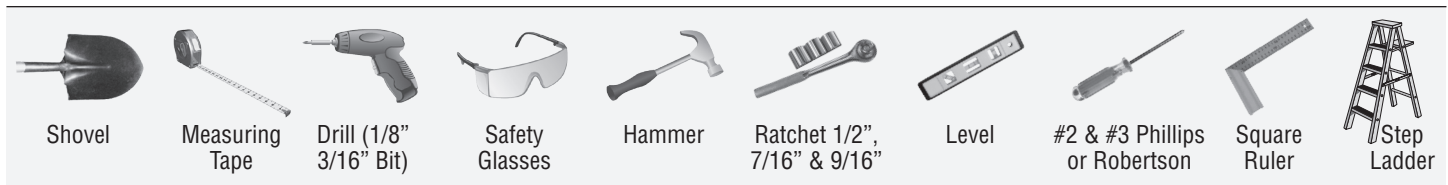
This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a Solowave Design Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.

Solowave Design disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.

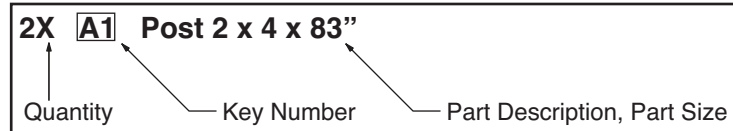
Keys to Assembly Success

Tools Required



Part Identification Key

On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.



Symbols

Throughout these instructions symbols are provided as important reminders for proper and safe assembly.

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>		<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p>
<p>Use Help</p>	<p>Use Help</p>	<p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>
<p>Measure Distance</p>	<p>Check that assembly is square before tightening bolts.</p>	<p>Tighten Bolts</p>
<p>Use a measuring tape to assure proper location.</p>	<p>Square Assembly</p>	<p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>

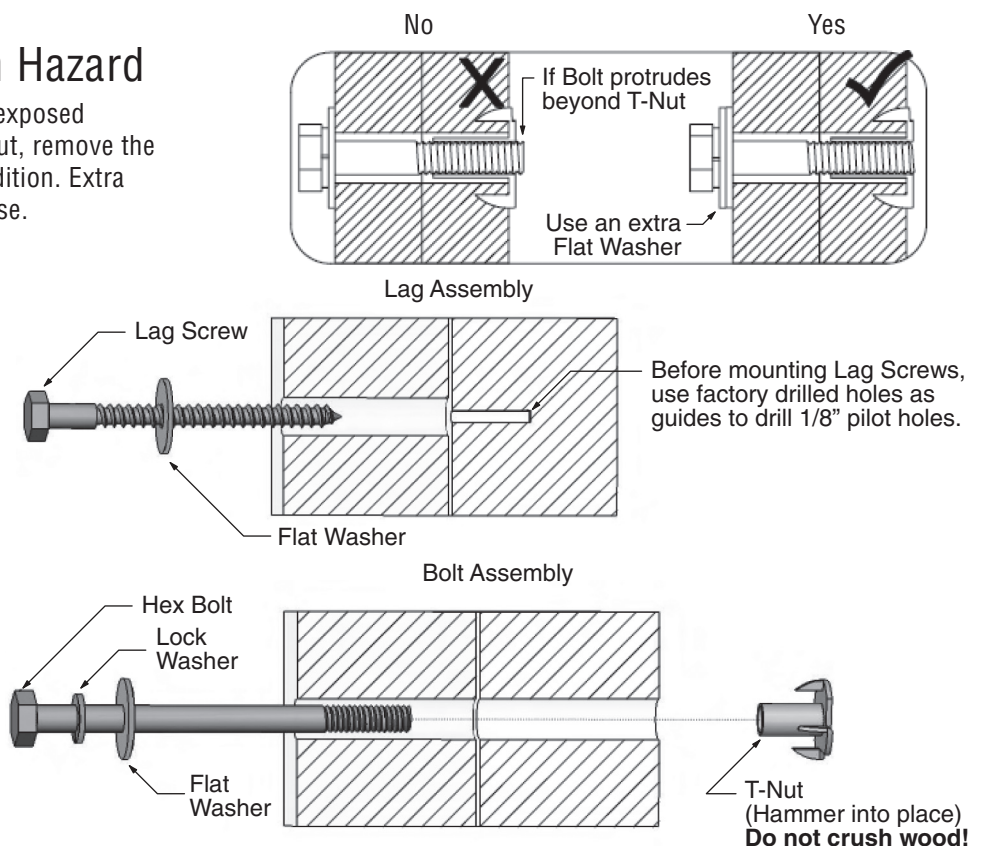
⚠️ CAUTION – Protrusion Hazard

Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

Proper Hardware Assembly

Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".



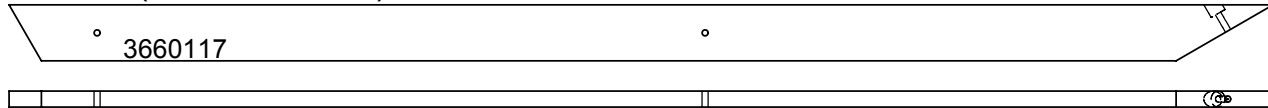
Wood Parts Identification (Reduced size)

2 - Tarp Upright (2" x 3" x 47 3/4")

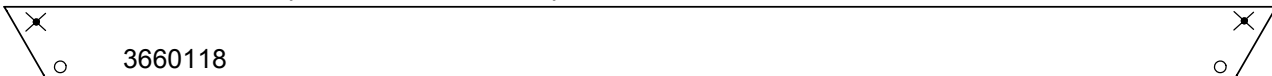


Nominal Size	Actual Size	Nominal Size	Actual Size
1" x 6"	5/8" x 5 3/8"	5/4" x 4"	1" x 3 1/2"
2" x 6"	1 3/8" x 5 3/8"	2" x 3"	1 3/8" x 2 1/2"
2" x 4"	1 3/8" x 3 3/8"	2" x 2"	1 1/2" x 1 1/2"
1" x 5"	5/8" x 4-1/2"		

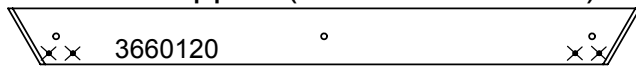
4 - Post (5/4" x 4" x 79")



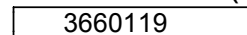
2 - Ground Side (1" x 5" x 78 3/4")



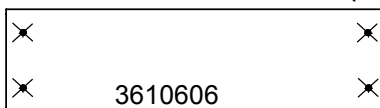
3 - Floor Support (5/4" x 4" x 39 1/2")



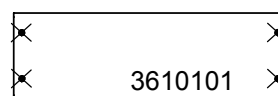
1 - SL Brace (2" x 3" x 15")



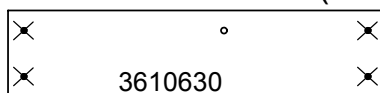
3 - CE Access Board (1" x 6" x 19 3/4")



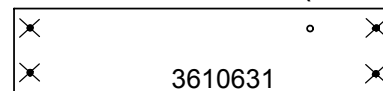
6 - CE Floor Board (1" x 6" x 17")



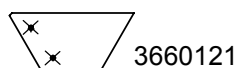
2 - CE Rock Board (1" x 6" x 19 3/4")



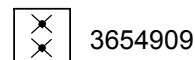
2 - CE Rock Board (1" x 6" x 19 3/4")



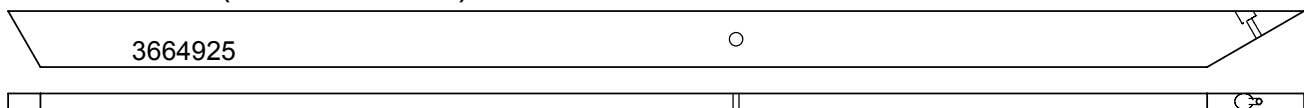
4 - Floor Gusset (5/4" x 4" x 7 7/8")



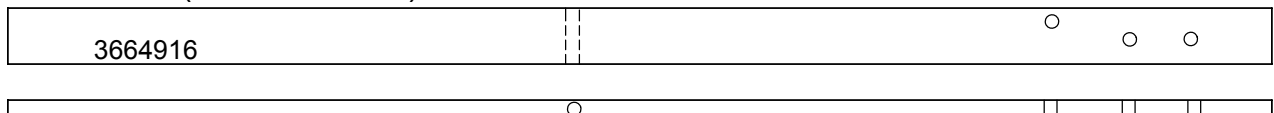
1 - SW Block (5/4" x 4" x 3 1/2")



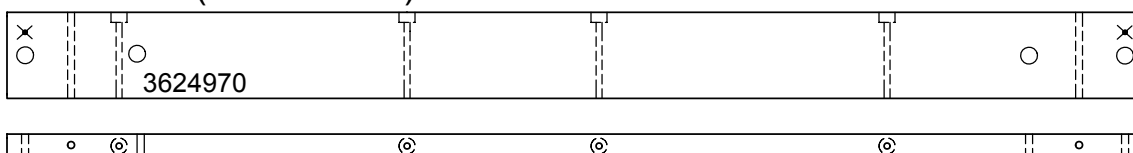
2 - Post SW (5/4" x 4" x 81")



1 - SW Post (2" x 4" x 80 1/2")




1 - SW Rail (2" x 6" x 71")

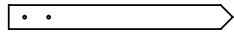


Wood Parts Identification (Reduced size)

1 - Roof Ridge (2" x 2" x 22-3/8")

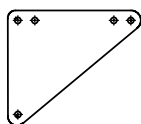
 3660106

4 - Ground Stake (2" x 2" x 14")

 3650318

Nominal Size	Actual Size	Nominal Size	Actual Size
1" x 6"	5/8" x 5 3/8"	5/4" x 4"	1" x 3 1/2"
2" x 6"	1 3/8" x 5 3/8"	2" x 3"	1 3/8" x 2 1/2"
2" x 4"	1 3/8" x 3 3/8"	2" x 2"	1 1/2" x 1 1/2"
1" x 5"	5/8" x 4-1/2"		

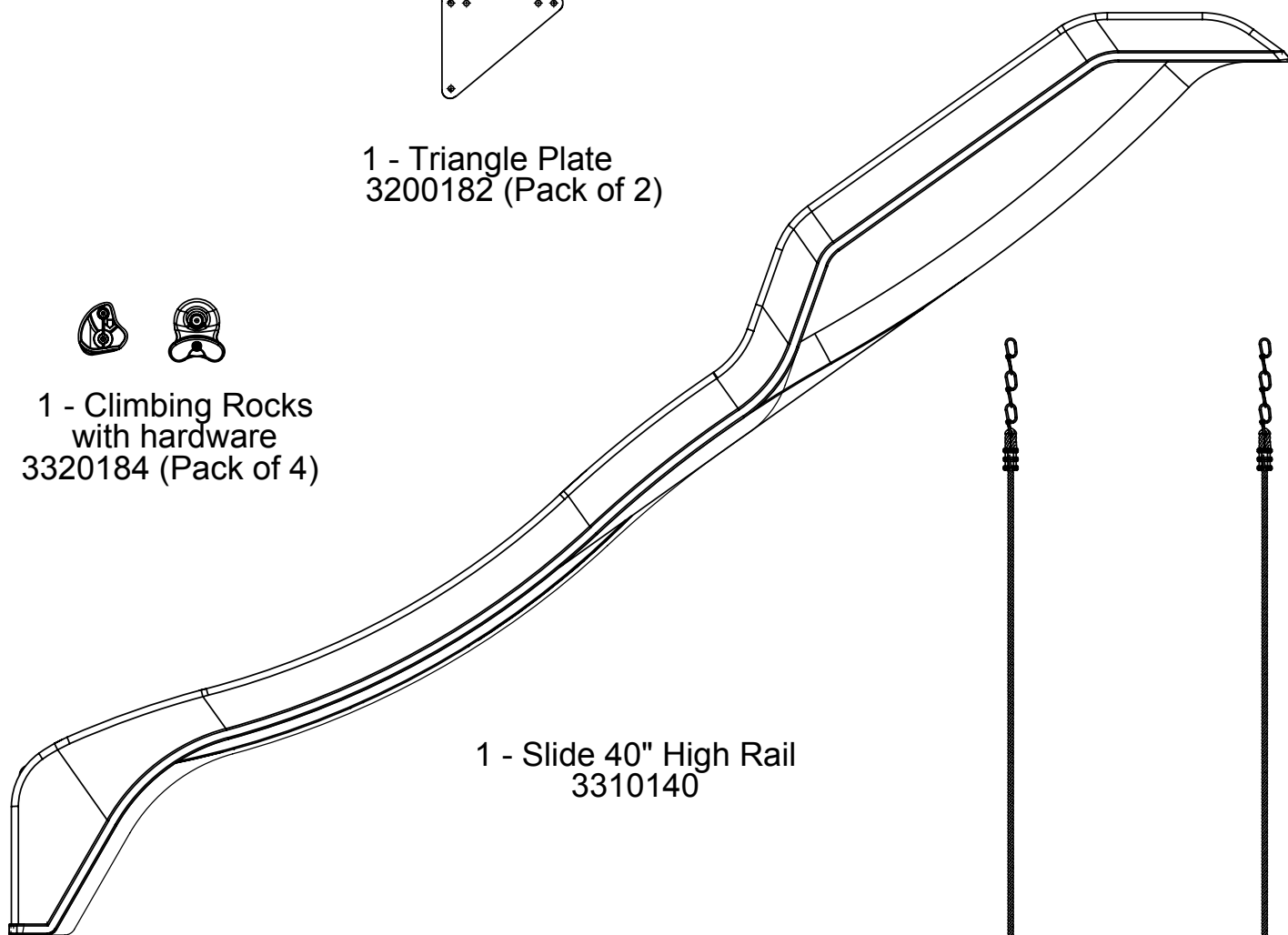
Accessory Parts Identification (Reduced Size)



1 - Triangle Plate
3200182 (Pack of 2)



1 - Climbing Rocks
with hardware
3320184 (Pack of 4)

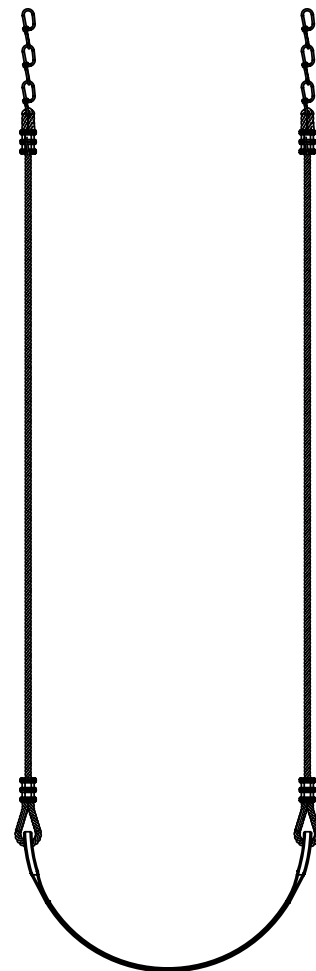


1 - Slide 40" High Rail
3310140

1 - Sandy Summit Tarp
and Frame 3750681



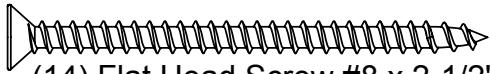
2 - Belt Swings with
Soft Touch Rope
3724933



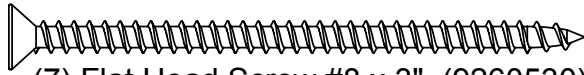
Hardware Parts Identification (Actual Size)



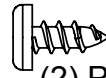
(64) Flat Head Screw #8 x 1-1/2" (9260512)



(14) Flat Head Screw #8 x 2-1/2" (9260522)



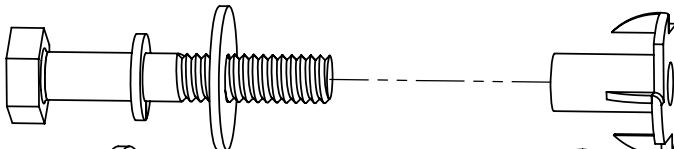
(7) Flat Head Screw #8 x 3" (9260530)



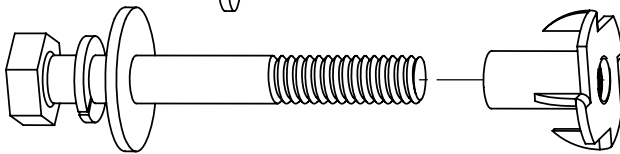
(2) Pan Screw #8 x 1/2" (9264502)



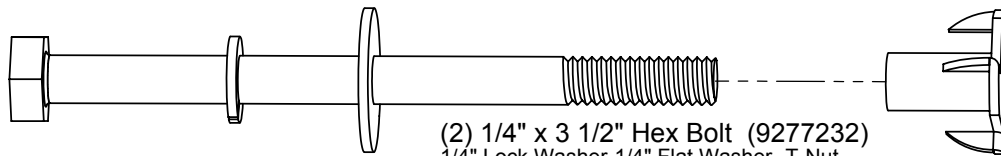
(2) Pan Screw #12 x 2" (9264620)



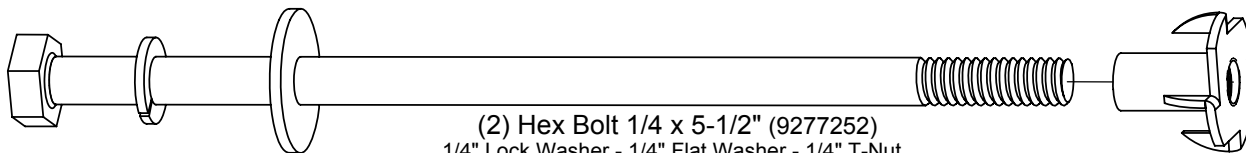
(4) Hex Bolt 1/4 x 1-1/2" (9277212)
1/4" Lock Washer - 1/4" Flat Washer - 1/4" T-Nut



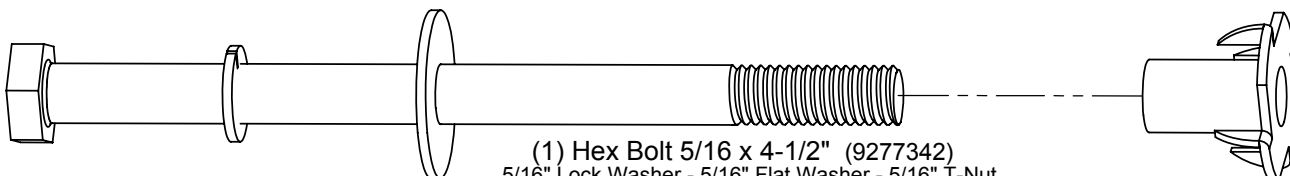
(6) Hex Bolt 1/4 x 2" (9277220)
1/4" Lock Washer - 1/4" Flat Washer - 1/4" T-Nut



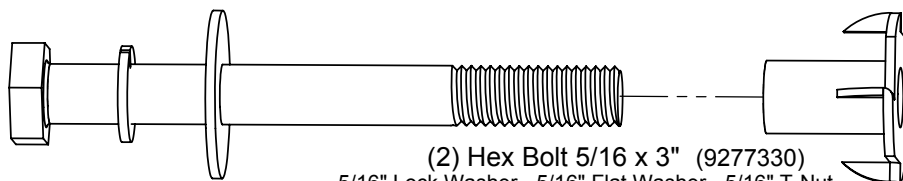
(2) 1/4" x 3 1/2" Hex Bolt (9277232)
1/4" Lock Washer - 1/4" Flat Washer - T-Nut



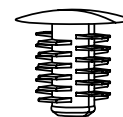
(2) Hex Bolt 1/4 x 5-1/2" (9277252)
1/4" Lock Washer - 1/4" Flat Washer - 1/4" T-Nut



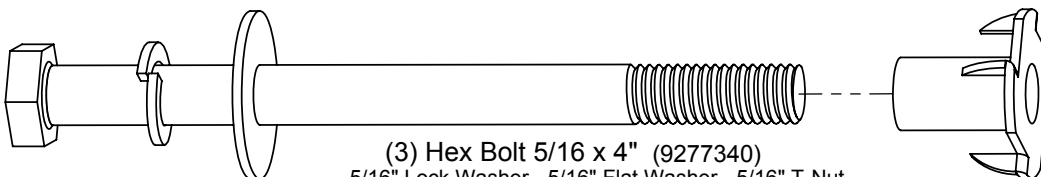
(1) Hex Bolt 5/16 x 4-1/2" (9277342)
5/16" Lock Washer - 5/16" Flat Washer - 5/16" T-Nut



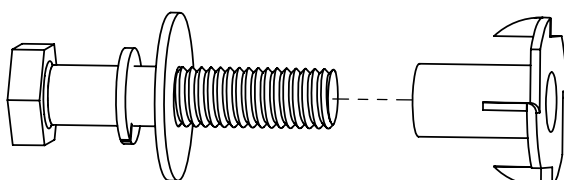
(2) Hex Bolt 5/16 x 3" (9277330)
5/16" Lock Washer - 5/16" Flat Washer - 5/16" T-Nut



(4) Hole Plugs (9329900)

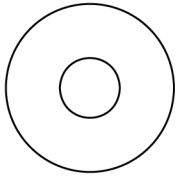


(3) Hex Bolt 5/16 x 4" (9277340)
5/16" Lock Washer - 5/16" Flat Washer - 5/16" T-Nut

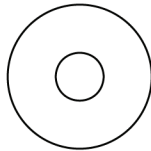


(4) Hex Bolt 5/16 x 1-1/2" (9277312)
5/16" Lock Washer - 5/16" Flat Washer - 5/16" T-Nut

Hardware Parts Identification (Actual Size)



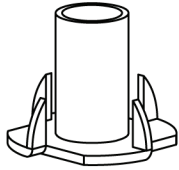
(10) 5/16" Flat Washer
(9251300)



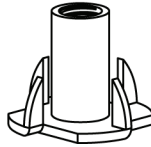
(14) 1/4" Flat Washer
(9251200)



(10) 5/16" Lock Washer
(9253300)



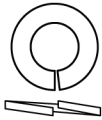
(10) 5/16" T-Nut
(9285300)



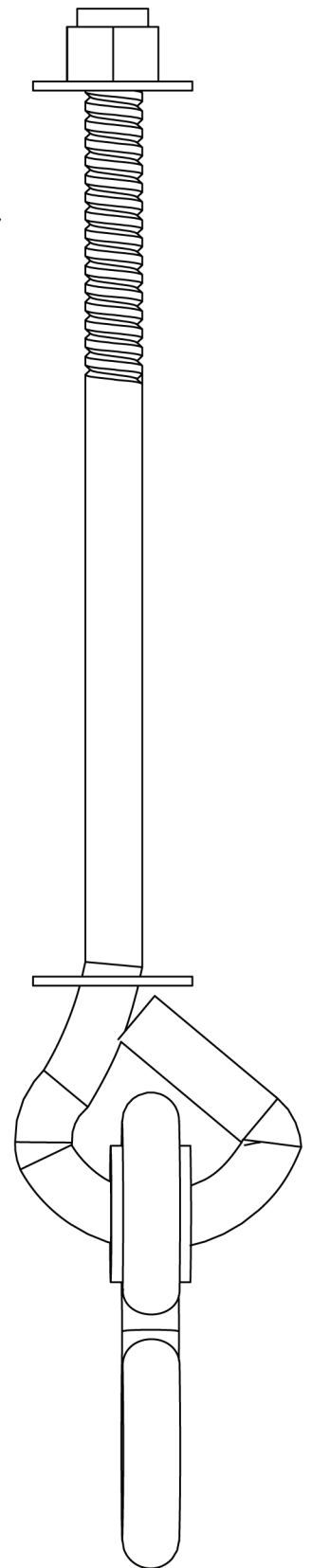
(14) 1/4" T-Nut
(9285200)



(2) #8 Flat Washer
(9251500)



(14) 1/4" Lock Washer
(9253200)



(4) 5 1/4" Bolt Hangers
(3202000)

1. Warning I.D. Plaque c/w hardware (3320356)



- PRODUCT NUMBER: **F24061**

THIS IS THE TIME FOR YOU TO SORT, IDENTIFY, AND COUNT ALL YOUR HARDWARE, WOOD
PIECES AND ACCESSORIES. THIS WILL ASSIST YOU IN YOUR ASSEMBLY.

WHEN THE PARTS IDENTIFICATION IS COMPLETED, YOU ARE READY TO START ASSEMBLY.

IF YOU NEED ASSISTANCE CONTACT THE CONSUMER RELATIONS DEPARTMENT AT

11

Step 1 Assemble Two Walls

Using 1 Hex Bolt 5/16" x 4" (5/16" T-Nut, Washer and Lockwasher), attach ***loosely leaving a gap between*** the Tarp Upright (2" x 3" x 47 3/4") and 2 Posts (5/4" x 4" x 79").

Remember to use the proper assembly procedure for the Hex Bolt.

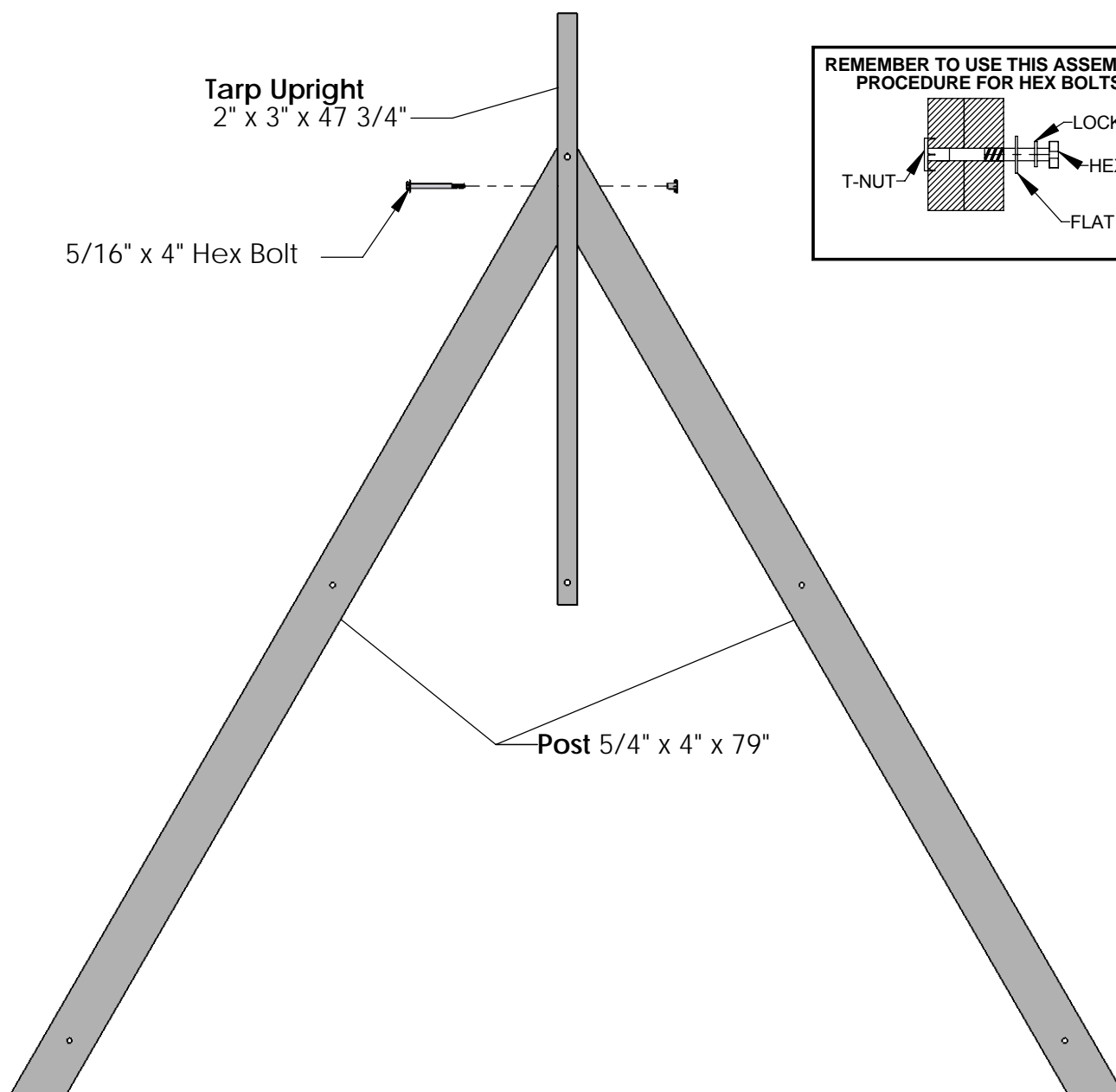
Note: Do not tighten the Hex Bolt
Repeat Step 1 for other side.

HARDWARE LIST

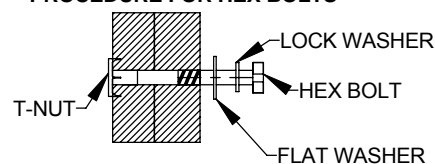
2 pcs 5/16x4" Hex Bolt
2 pcs 5/16" T-Nut
2 pcs 5/16" Flat Washer
2 pcs 5/16" Lock Washer

WOOD PARTS LIST

2 pcs 2x3x47-3/4" Tarp Upright
4 pcs 5/4 x4x 79" Post



REMEMBER TO USE THIS ASSEMBLY PROCEDURE FOR HEX BOLTS



Step 2 Assemble Floor Supports

Attach 4 T-Nuts 1/4" to the backs of the Floor Supports (5/4" x 4" x 39 1/2").

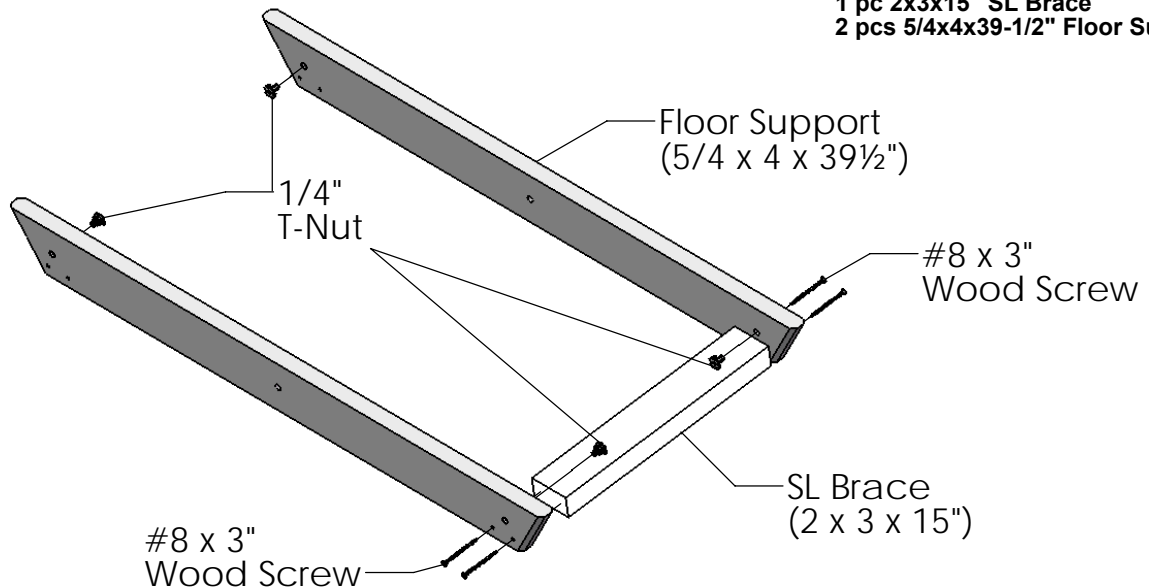
Using 2 Wood Screws (#8 x 3") per side attach the SL Braces (2 x 3 x 15") to the Floor Supports (5/4" x 4" x 39 1/2").

HARDWARE LIST

4 pcs 1/4" T-Nut
4 pcs #8x3" Wood Screw

WOOD PARTS LIST

1 pc 2x3x15" SL Brace
2 pcs 5/4x4x39-1/2" Floor Support



Step 3 Attach Ground Side to Walls

Using 2 Hex Bolts 1/4 x 1 1/2" (1/4" T-Nut, Flat Washer, Lock Washer) and 2 Wood Screws (#8 x 1-1/2") attach the Ground Side (1 x 5 x 78-3/4") to both Posts.

REPEAT THIS STEP FOR OTHER WALL
DO NOT OVER-TIGHTEN HEX BOLTS.

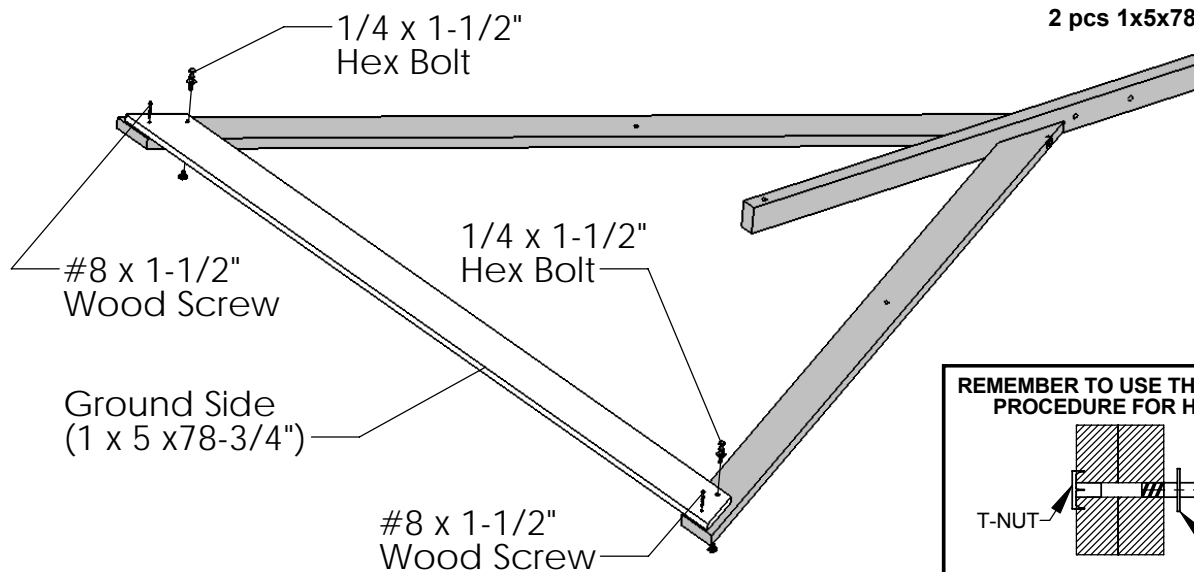
HARDWARE LIST

4 pcs 1/4x1-1/2" Hex Bolt
4 pcs 1/4" Lock Washer
4 pcs 1/4" Flat Washer
4 pcs 1/4" T-Nut

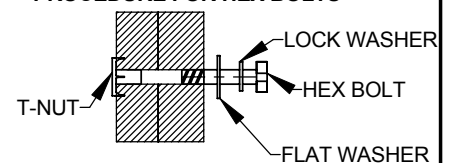
4 pcs #8x1-1/2" Wood Screw

WOOD PARTS LIST

2 pcs 1x5x78-3/4" Ground Side



**REMEMBER TO USE THIS ASSEMBLY
PROCEDURE FOR HEX BOLTS**



Step 4 Attach Fort Walls and Tarp Upright

Take previously assembled Floor Supports and attach to both Uprights of the previously assembled Walls using 2 Hex Bolts 1/4" x 3 1/2" (1/4" T-Nut, Flat Washer, and Lock Washer).

Using 4 Hex Bolts 1/4" x 2" (1/4" Flat Washer, Lock Washer) attach the Floor Support (5/4" x 4" x 39 1/2") to the 4 Posts. 4 T-Nuts have been previously installed in Step 2.

Using 2 Wood Screws (#8 x 3") attach the Roof Ridge (2" x 2" x 23-3/8") to the Tarp Uprights.

TIGHTEN BOLTS FROM ALL PREVIOUS STEPS

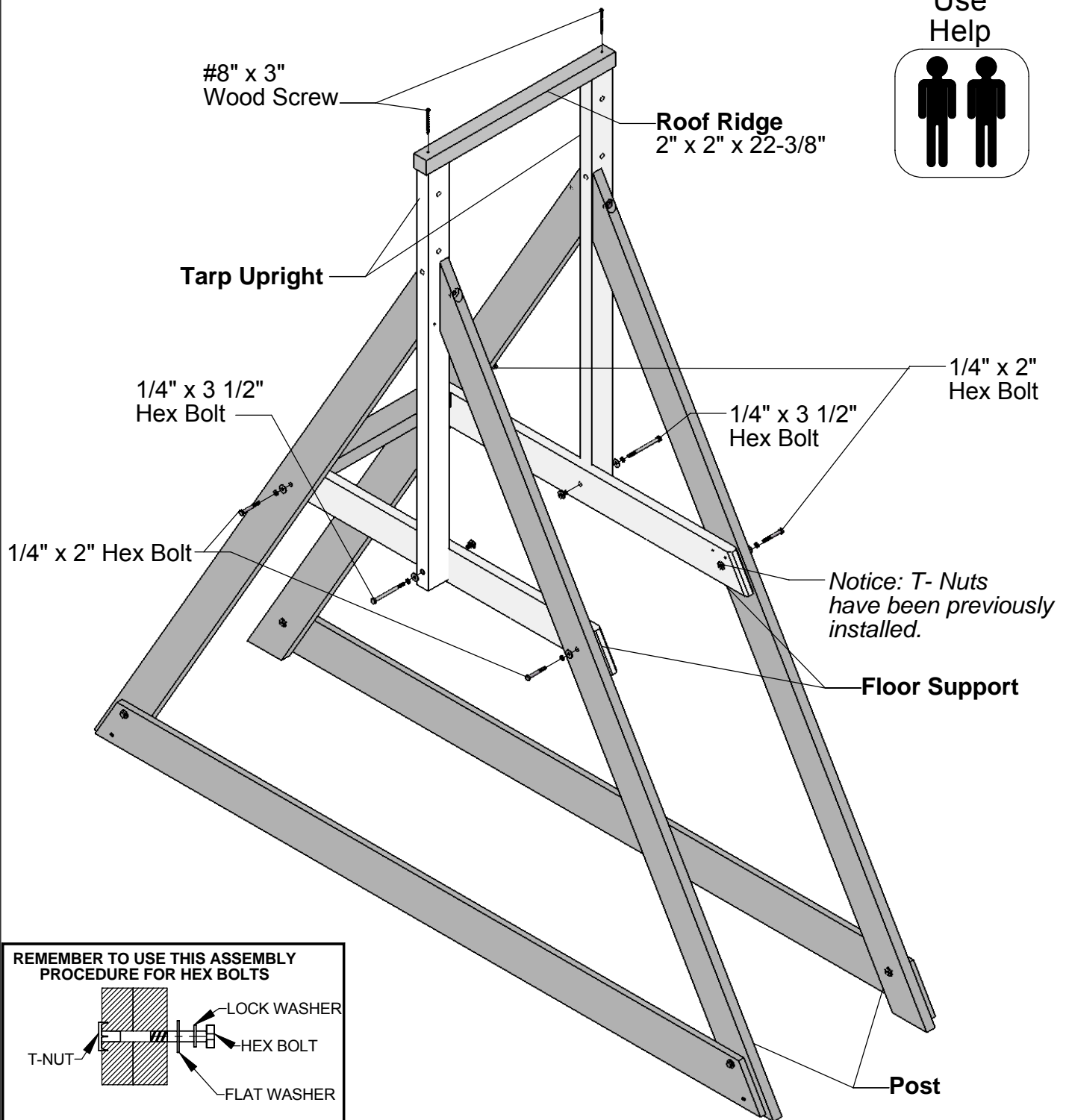
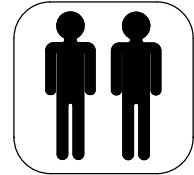
HARDWARE LIST

2 pcs 1/4x3-1/2" Hex Bolt
4 pcs 1/4x2" Hex Bolt
2 pcs 1/4" T-Nut
6 pcs 1/4" Flat Washer
6 pcs 1/4" Lock Washer
2 pcs #8x3" Wood Screw

WOOD PARTS LIST

1 pc 2x2x23-3/8" Roof Ridge

Use
Help



Step 5 Attach CE Access Boards, Floor Gussets

Hold the CE Access Boards against the 2 Posts so that the lower CE Access Boards are flush with the bottom of the Ground Sides, and the upper CE Access Board is flush with top of the Floor Support. Proceed to pre-drill with 1/8" drill bit, using the holes in the boards as a guide.

Using 4 Wood Screws (#8 x 1 1/2") per CE Access Board, attach 3 CE Access Boards (1" x 6" x 19 3/4") to the Posts.

Using 2 Wood Screws (#8 x 1 1/2") per Floor Gusset (5/4" x 4" x 7-7/8"), attach 4 Floor Gussets to the Floor Supports.

Using 2 Wood Screws (#8 x 3"), attach 2 Floor Gussets to the Posts.

Using 2 Wood Screws (#8 x 2 1/2"), attach 2 Floor Gussets to both Uprights.

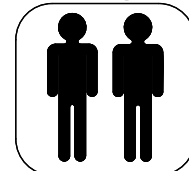
HARDWARE LIST

20 pcs #8x1-1/2" Wood Screw
2 pcs #8x2-1/2" Wood Screw
2 pcs #8x3" Wood Screw

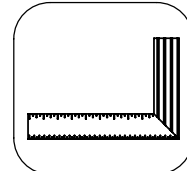
WOOD PARTS LIST

3 pcs 1x6x19-3/4" CE Access Board
4 pcs 5/4x4x7-7/8" Floor Gusset

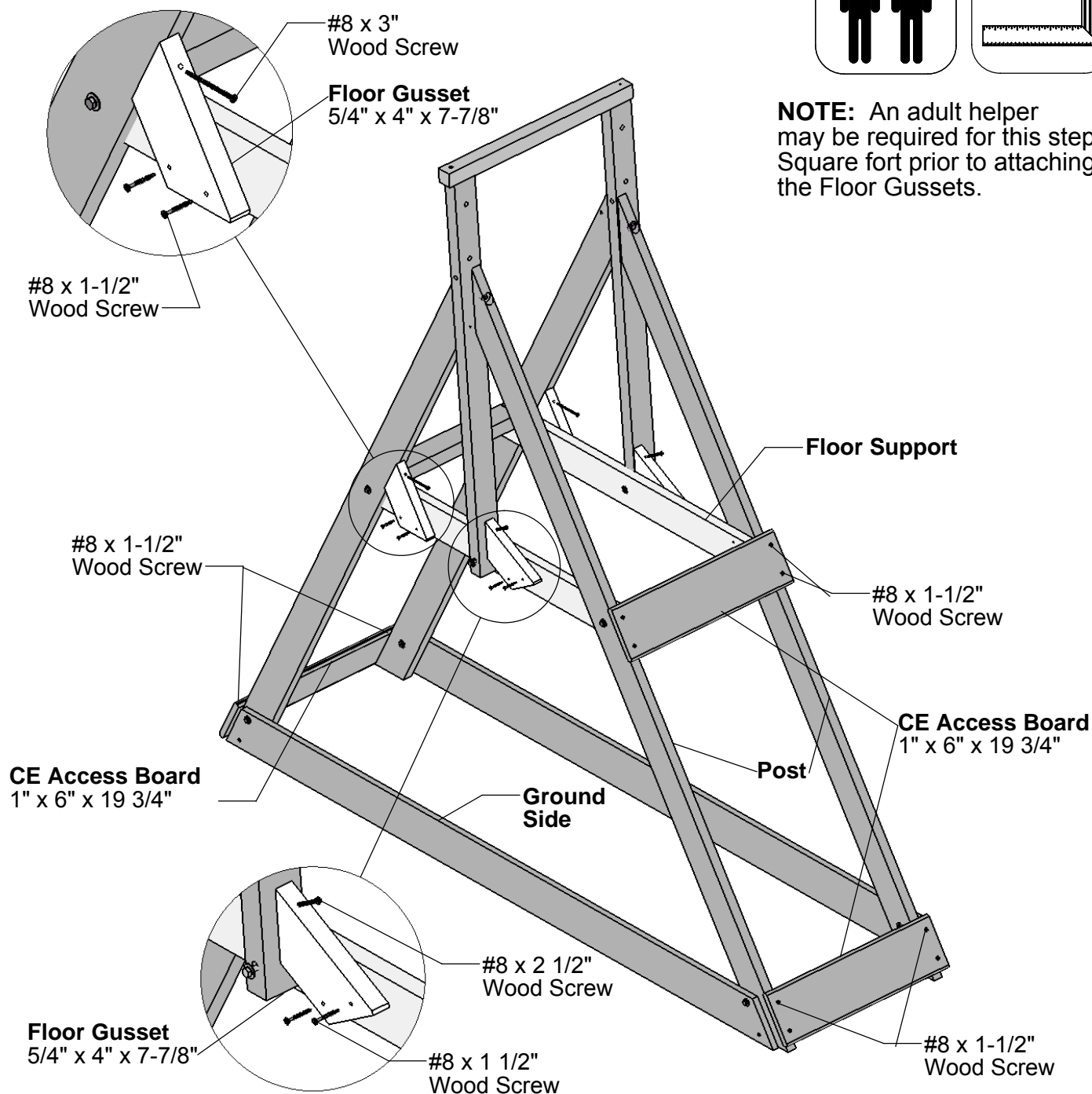
Use
Help



Square
Assembly



NOTE: An adult helper may be required for this step. Square fort prior to attaching the Floor Gussets.



Step 6 Assemble CE Floor and CE Rock Boards

Hold the CE Rock Board against the 2 Posts.

Make sure the CE Rock Boards are evenly spaced between the CE Access Boards, before proceeding to drill. Pre-drill with 1/8" drill bit using the holes in the boards as a guide. Follow the same procedure for the CE Floor Boards, making sure the CE Floor Boards are evenly spaced on the Floor Supports.

Using 4 Wood Screws (#8 x 1 1/2") per board evenly space and attach 6 CE Floor Boards (1" x 6" x 17") to the Floor Supports.

Using 4 Wood Screws (#8 x 1 1/2") per board, attach 4 CE Rock Boards (1" x 6" x 19 3/4") to the 2 Posts, alternating holes in rock boards.

HARDWARE LIST

40 pcs #8x1-1/2" Wood Screw

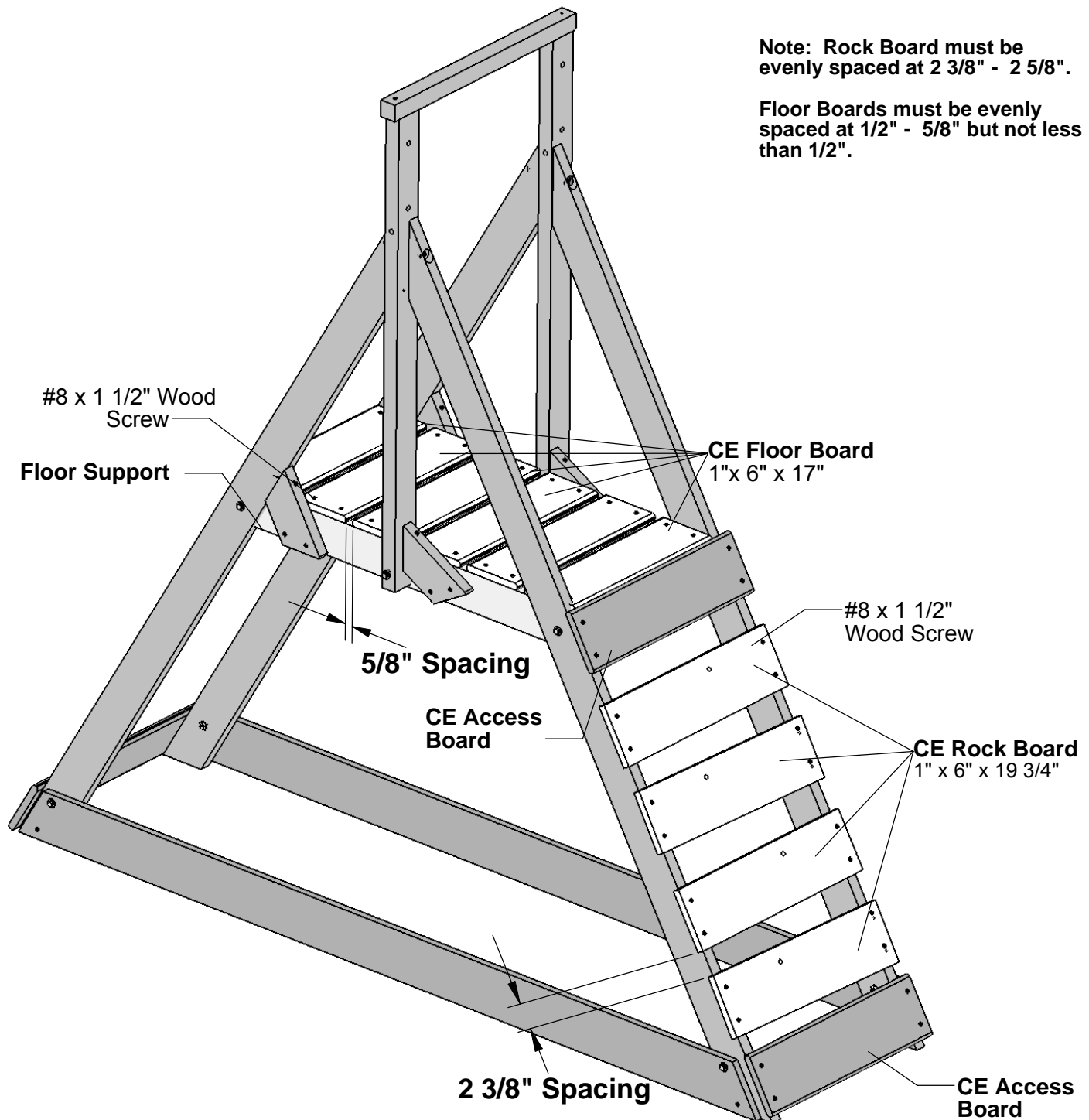
WOOD PARTS LIST

6 pcs 1x6x17" CE Floor Boards

4 pcs 1x6x19-3/4" CE Rock Boards

Note: Rock Board must be evenly spaced at 2 3/8" - 2 5/8".

Floor Boards must be evenly spaced at 1/2" - 5/8" but not less than 1/2".



Step 7 Assemble Roof

Using 2 Pan Bolts #8 x 3/8" and 2 #8 Lock Washers, connect 2 L-Frame Brackets (1/2" x 12 1/4" x 22 3/4") together.

Make sure that the bolts go in from opposite directions, as shown in the diagram below. **Repeat for the other side.**

Take one end of the Tarp and feed the L-Frame Bracket through the Tarp pocket. **Repeat for the other side.**

With both L-Frame Brackets through the Tarp pockets, connect using 2 PanBolts #8 x 3/8" and 2 #8 Lock Washers for each side.

Make sure that the bolts go in from opposite directions, as shown in the diagram below. Leave middle hole open.

Centre Tarp Roof on top of Tarp Upright, making sure it fits snug.

Using 2 Pan Screws #8 x 1", fasten Tarp Roof to the Tarp Upright using the remaining centre holes.

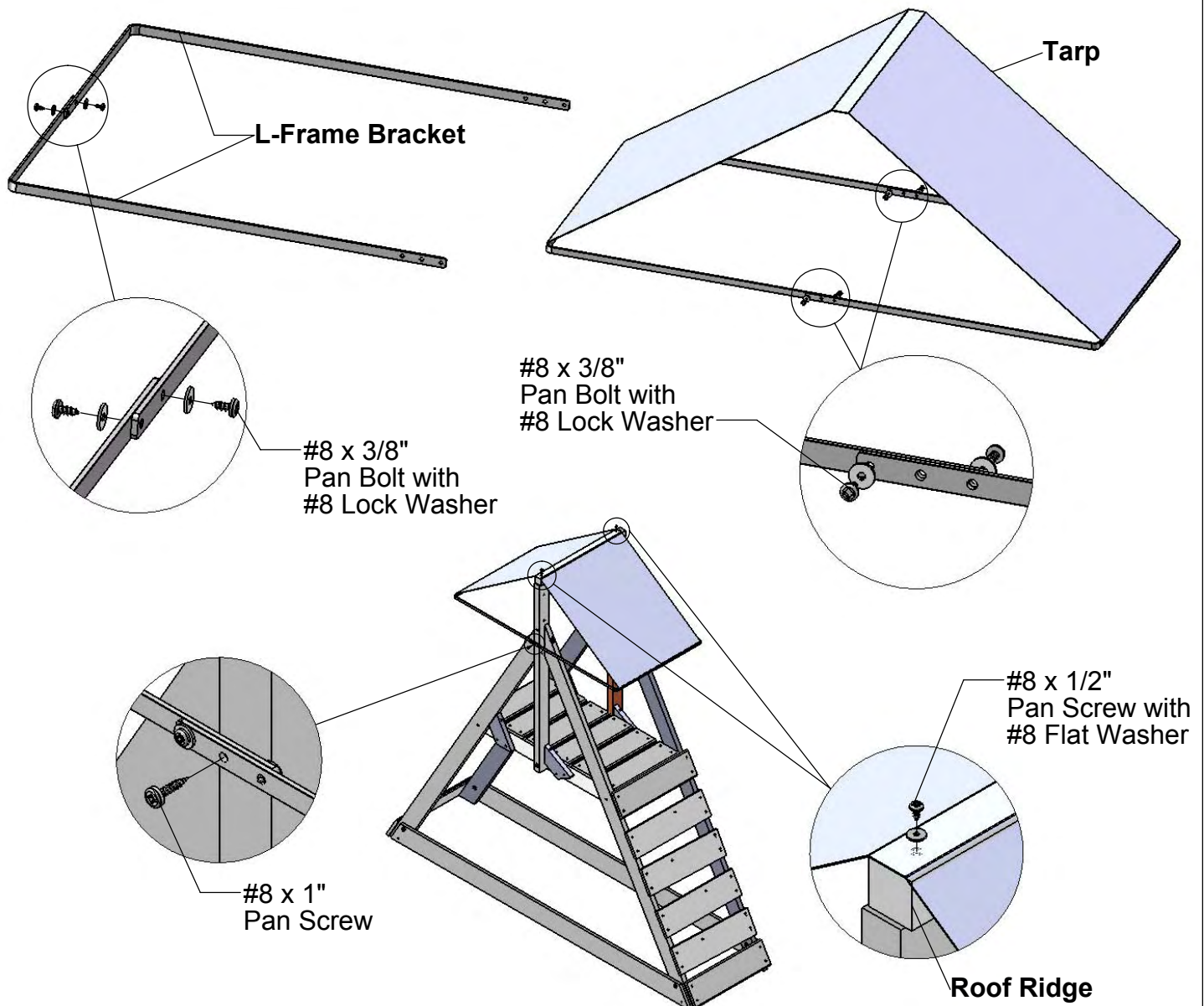
Using 2 Pan Screws (#8 x 1/2") and 2 Washers (#8), Level Tarp and attach Tarp to Roof Ridge through hems in Tarp.

HARDWARE LIST

2 pcs #8x1/2" Pan Screw
2 pcs #8 Flat Washer

ACCESSORY LIST

4 pcs L-Frame Brackets
with hardware
1 Tarp (Roof)



Step 8 Assemble Swing End

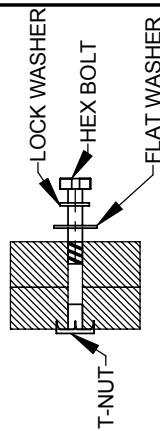
Using 1 Hex Bolt 5/16" x 4" (5/16" T-Nut, Washer, and Lock Washer), attach loosely leaving a gap between the Post SW (5/4" x 4" x 81") and the SW Post (2" x 4" x 80-1/2") as shown in the diagram below.

Using 1 Hex Bolt 5/16" x 4 1/2" (1/4" T-Nut, Washer, and Lock Washer), attach the Floor Support (5/4" x 4" x 39 1/2") to the SW Post (2" x 4" x 80-1/2"), as shown in the diagram.

Using 2 Hex Bolts 1/4" x 2" (1/4" T-Nut, Washer, and Lock Washer), attach the Floor Support (5/4" x 4" x 39 1/2") to the Post SW (5/4" x 4" x 81").

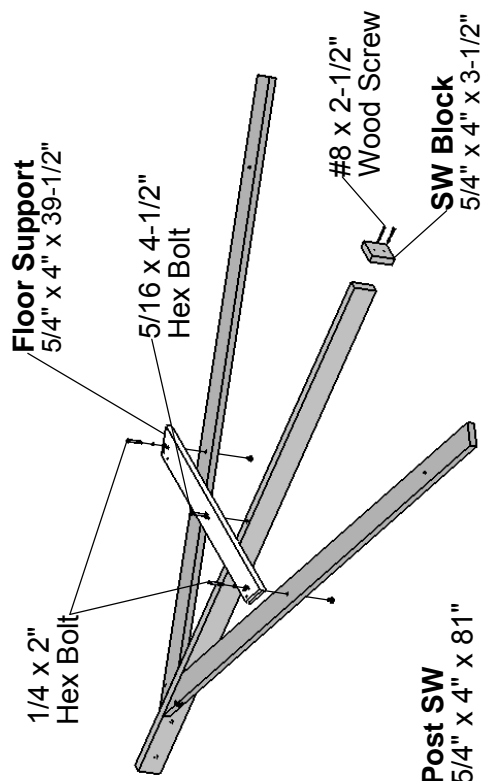
Using 2 Wood Screws (#8 x 2-1/2") attach 1 SW Block (5/4" x 4" x 3 1/2") to bottom of the SW Post. Refer to the diagram below.

REMEMBER TO USE THIS ASSEMBLY PROCEDURE FOR HEX BOLTS



5/16 x 4"
Hex Bolt

NOTE! Do not tighten the Hex Bolt until after the Floor Support is attached



Floor Support
5/4" x 4" x 39-1/2"

5/16 x 4-1/2"
Hex Bolt

#8 x 2-1/2"
Wood Screw

Post SW
5/4" x 4" x 81"

Post SW
5/4" x 4" x 81"

SW Post
2" x 4" x 80-1/2"

SW Block
5/4" x 4" x 3-1/2"

HARDWARE LIST

- 2 pcs 1/4x2" Hex Bolt
- 2 pcs 1/4" T-Nut
- 2 pcs 1/4" Flat Washer
- 2 pcs 1/4" Lock Washer
- 1 pc 5/16x4-1/2" Hex Bolt
- 1 pc 5/16x4" Hex Bolt
- 2 pc 5/16" T-Nut
- 2 pc 5/16" Flat Washer
- 2 pc 5/16" Lock Washer
- 2 pcs #8x2-1/2" Wood Screw

WOOD PARTS LIST

- 1 pc 5/4x4x39-1/2" Floor Support
- 2 pcs 5/4x4x81" Post SW
- 1 pc 2x4x80-1/2" SW Post
- 1 pc 5/4x4x3-1/2" SW Block

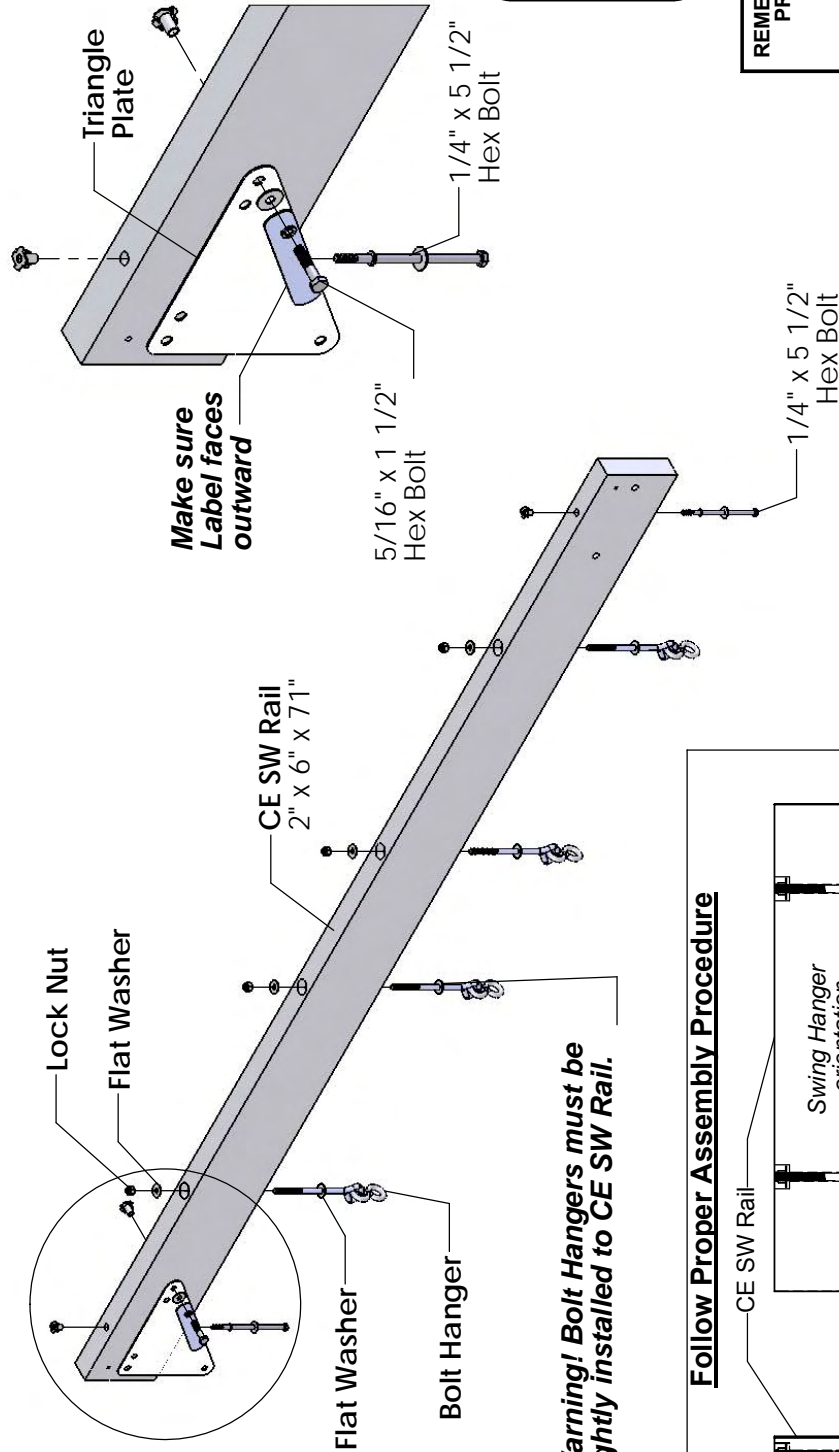
Step 9 Assemble Swing Hangers and Triangle Plate

Insert 4 Bolt Hangers with flat washers into the CE SW Rail (2" x 6" x 71") holes from the bottom edge of the beam, making sure that the Bolt Hangers are **flush** with the bottom of the CE SW Rail. Add flat washer and lock nut from the top of the CE SW Rail. Tighten the bolt hangers to the CE SW Rail.

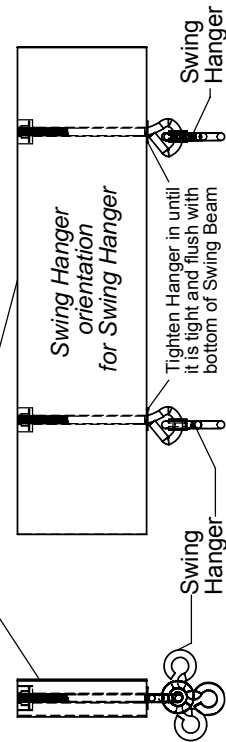
Using 2 Hex Bolts 1/4" x 5 1/2" (1/4" T-Nut, Flat Washer, and Lock Washer), attach one bolt to each end of CE SW Rail (2" x 6" x 71").

Note: These bolts do not attach to anything, rather, they serve to provide additional strength to the SW Beam. THIS STEP IS MANDATORY.

Using 1 Hex Bolt 5/16" x 1 1/2" (5/16" T-Nut, Flat Washer, and Lock Washer), attach 1 Triangle Plate to the CE SW Rail (2" x 6" x 71"). **Make sure** to use the correct hole in the Triangle Plate. Refer to the diagram below.



Follow Proper Assembly Procedure



Warning! Bolt Hangers must be tightly installed to CE SW Rail.

HARDWARE LIST

- 2 pcs 1/4x5-1/2" Hex Bolt
- 2 pcs 1/4" T-Nut
- 2 pcs 1/4" Flat Washer
- 2 pcs 1/4" Lock Washer
- 1 pc 5/16x1-1/2" Hex Bolt
- 1 pc 5/16" T-Nut
- 1 pc 5/16" Flat Washer
- 1 pc 5/16" Lock Washer

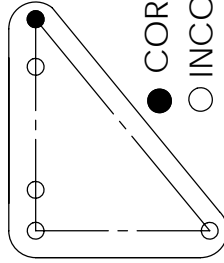
- 4 pcs Bolt Hanger with hardware

WOOD PARTS LIST

- 1 pc 2x6x71" CE SW Rail

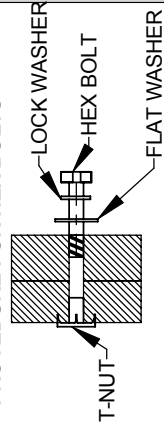
ACCESSORY LIST

- 1 pc Triangle Plate



- CORRECT
- INCORRECT

REMEMBER TO USE THIS ASSEMBLY PROCEDURE FOR HEX BOLTS



Step 10 Attach CE SW Rail to Swing End

NOTE: For the next steps an adult helper **may** be needed.

Using 1 Hex Bolt 5/16" x 1 1/2" (5/16" T-Nut, Washer, and Lock Washer) and 1 Hex Bolt 5/16" x 3" (5/16" T-Nut, Washer, and Lock Washer), attach the CE SW Rail to the SW Post of the Swing End from Step 7.

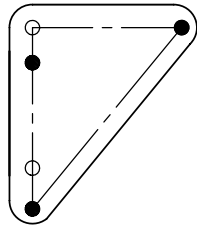
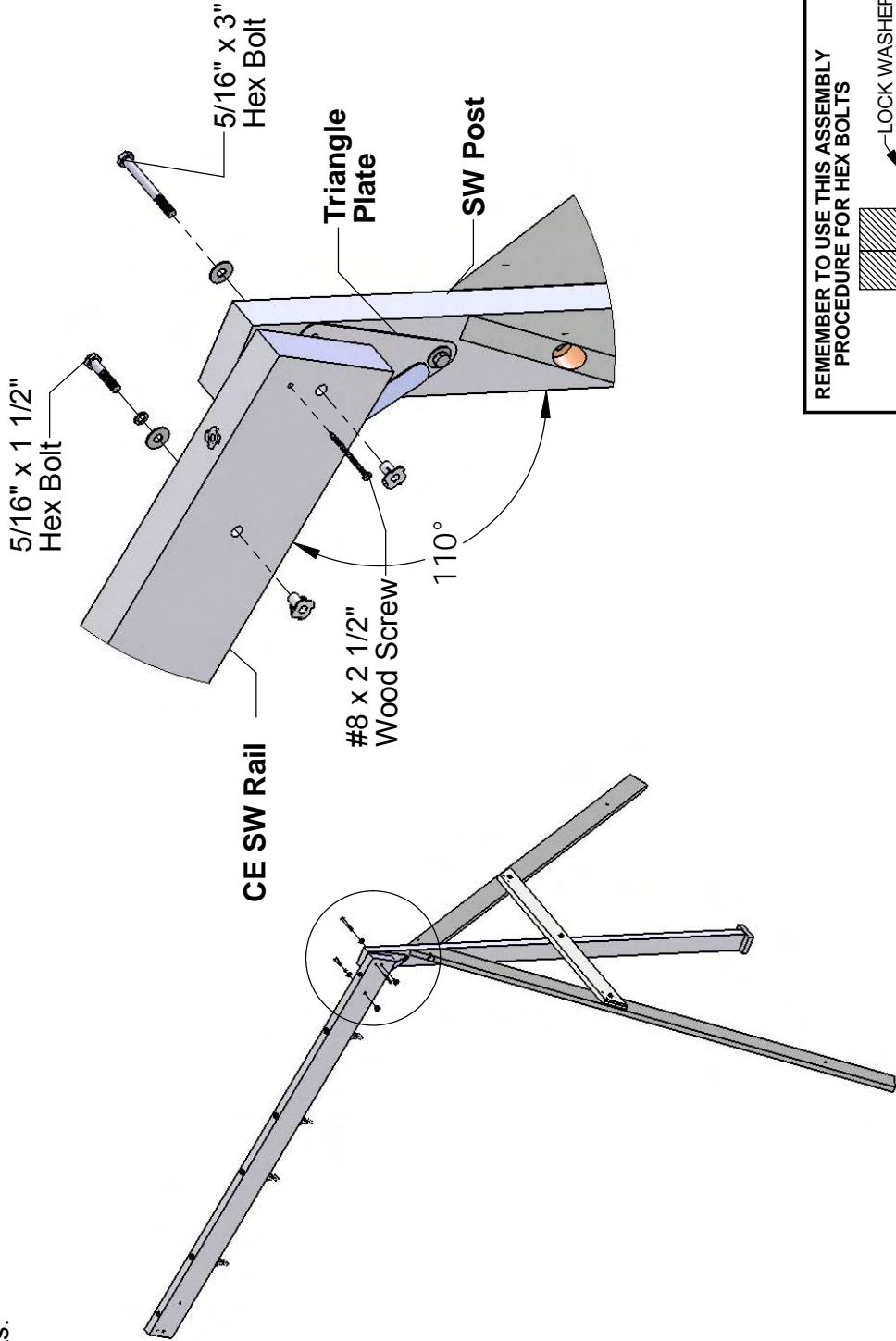
Using 1 #8 x 2-1/2" Wood Screw, attach the CE SW Rail to the SW Post.

Make sure to use the correct holes in the Triangle Plate. Refer to the diagram below.

NOTE: Remember to use the proper assembly procedure for the Hex Bolts.
Do not over-tighten Hex Bolts.

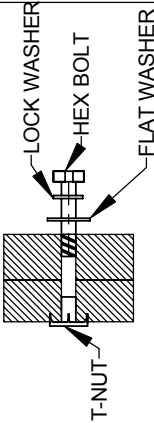
HARDWARE LIST

- 1 pc 5/16x3" Hex Bolt
- 1 pc 5/16x1-1/2" Hex Bolt
- 2 pcs 5/16" T-Nut
- 2 pcs 5/16" Flat Washer
- 2 pcs 5/16" Lock Washer
- 1 pc #8x2-1/2" Wood Screw



- Correct
- Incorrect

REMEMBER TO USE THIS ASSEMBLY
PROCEDURE FOR HEX BOLTS



Step 11 Attach Swing End to Fort

MOVE THE FORT TO FINAL LOCATION AND MAKE SURE GROUND AND FORT ARE LEVEL.

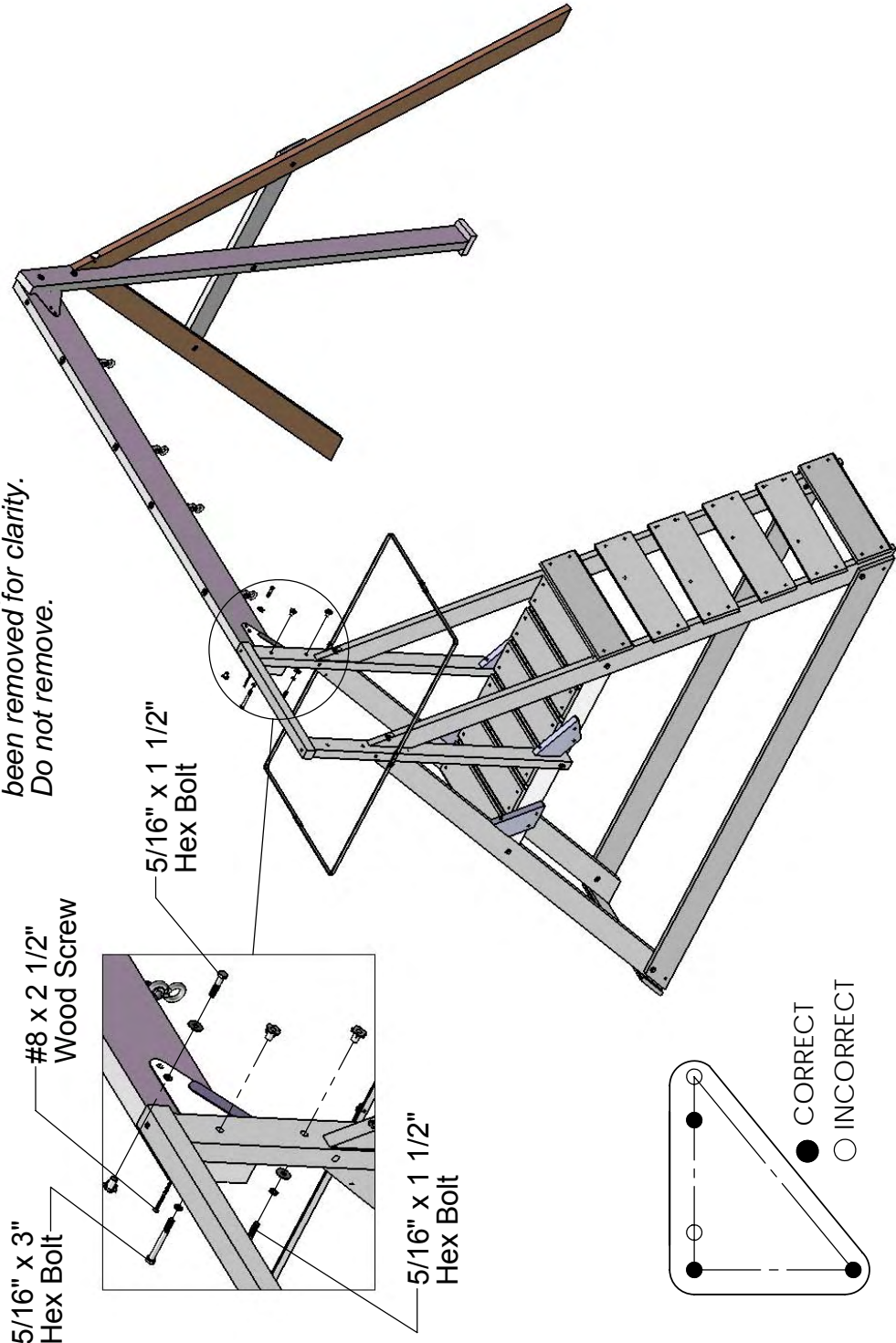
Using 2 Hex Bolts 5/16" x 1 1/2" (5/16" T-Nut, Flat Washer, and Lock Washer) and 1 Hex Bolt 5/16" x 3" (5/16" T-Nut, Flat Washer, and Lock Washer), and 1 Triangle Plate attach the Fort to the Swing End. Using 1 Wood Screw #8 x 2 1/2", attach the CE SW Rail to the SW Post.

Make sure to use correct holes in the Triangle Plate as illustrated below. Remember to use the proper assembly procedure for the Hex Bolts.

Note: Tighten all Hex Bolts from previous steps.

A 6 foot safety clearance must remain around the fort prior to use.

Notice: Canopy has been removed for clarity. Do not remove.



HARDWARE LIST

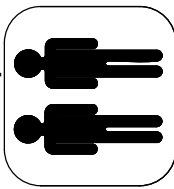
- 1 pc 5/16x3" Hex Bolt
- 2 pcs 5/16x1-1/2" Hex Bolt
- 3 pcs 5/16" T-Nut
- 3 pcs 5/16" Flat Washer
- 3 pcs 5/16" Lock Washer

- 1 pc #8x2½" Wood Screw

ACCESSORY LIST

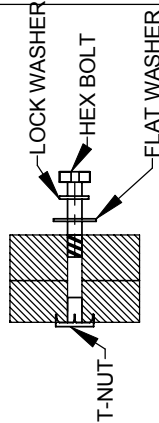
- 1 pc Triangle Plate

Use Help



NOTE: An adult helper may be required for this step.

REMEMBER TO USE THIS ASSEMBLY PROCEDURE FOR HEX BOLTS



Step 12 Attach Ground Stakes and Slide

WARNING! DIGGING CAN BE DANGEROUS. CHECK FIRST FOR UNDERGROUND WIRING, CABLES, OR GAS LINES ETC.

- Use a scrap wood piece in between the top of the Ground Stake and the Sledge Hammer to protect the stake from damage.
- Stakes are to be secure to the posts and the ground.
- Firmly anchor unit to ground before use.
- Check for looseness, re-secure and replace if necessary.
- **DO NOT USE CONCRETE OR OTHER MATERIALS FOR ANCHORING STAKES!**

Using 2 Pan Screws (#12 x 2"), attach Slide making sure that screws go through the Floor Board and into the SL Brace .
Note: The SW Post hole will be dug out 6" wide x 6" long x 2" deep into the ground.
 Using 2 Wood Screws (#8 x 2-1/2") per Ground Stake, attach Ground Stake (2 x 2 x 14") to each post as illustrated below.

MAKE SURE GROUND AND FORT ARE LEVEL PRIOR TO DIGGING AND STAKE DRIVING.

HARDWARE LIST

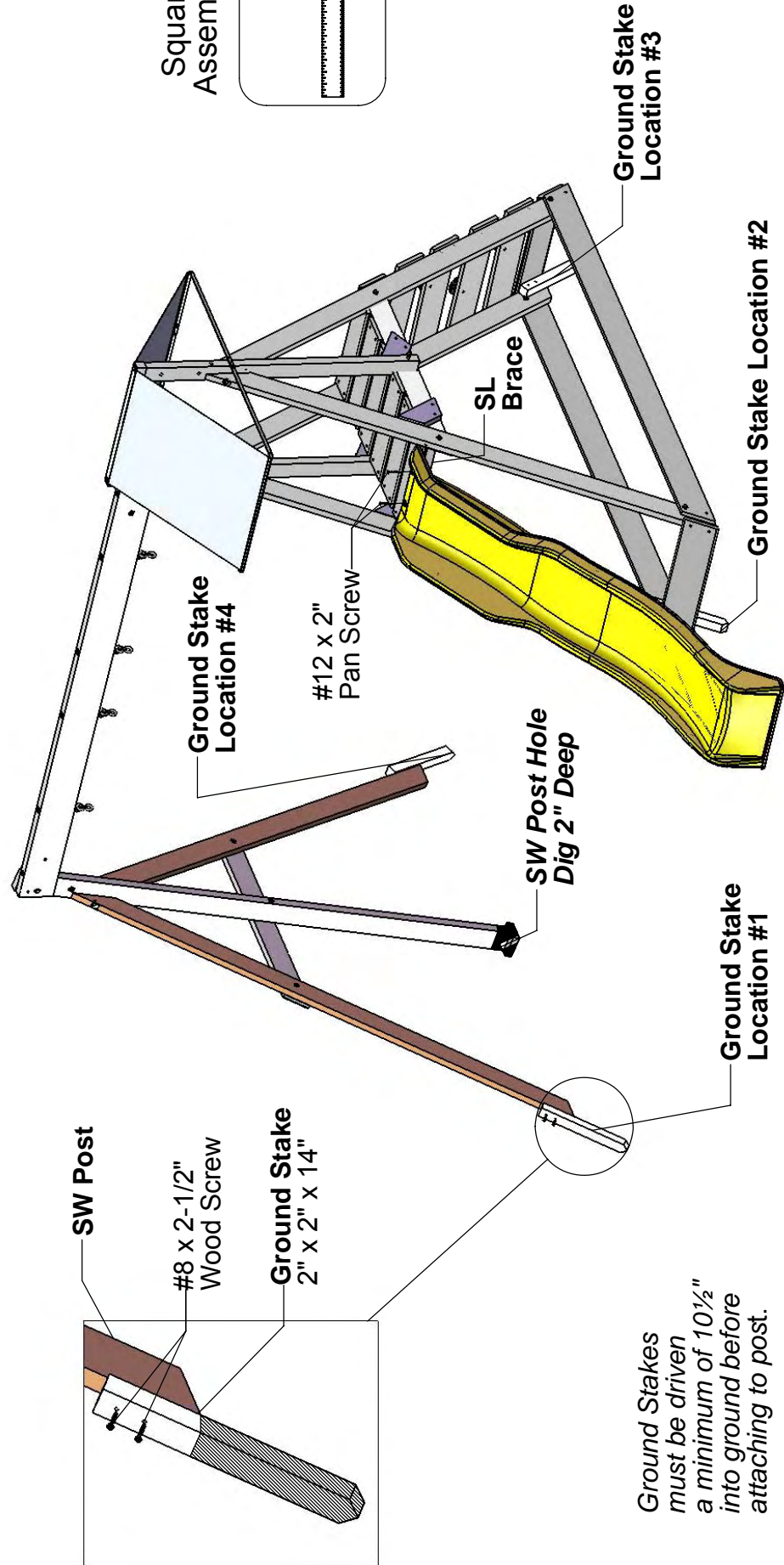
2 pcs #12 x 2" Pan Screw
 8 pcs #8 x 2-1/2" Wood Screw

WOOD PARTS LIST

4 pcs 2x2x14" Ground Stake

ACCESSORY LIST

1 Slide



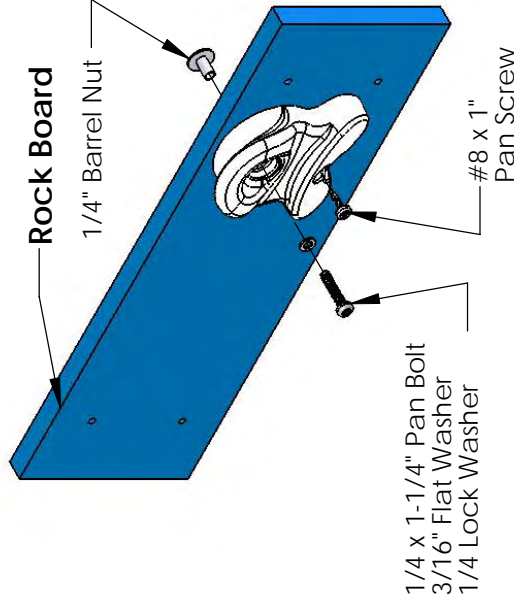
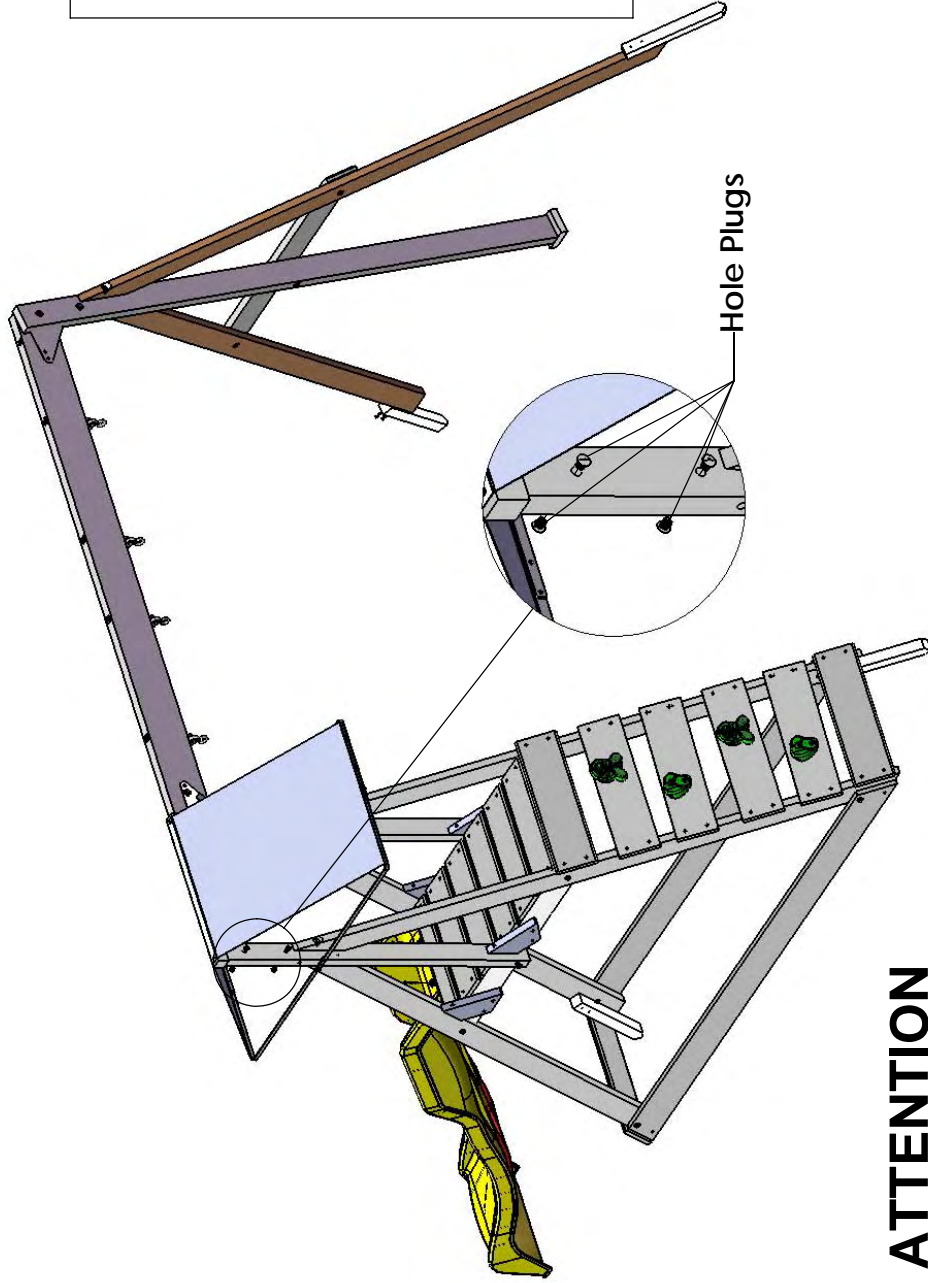
Step 13 Attach Swings, Rocks, Hole Plugs

Using 4 Pan Bolts 1/4" x 1 1/4", (3/16" Flat Washer, 1/4" Lock Washer, and 1/4" Barrel Nut), attach 4 Rocks to the 4 Rock Boards. Make sure to use the correct holes in rocks.

Note: The holes should be vertically aligned with the Pan Bolt on top and the Pan Screw on the bottom.

Using 4 Pan Screws (#8 x 1"), screw into remaining hole on the Rocks.
Attach 2 Swings to the 4 Swing Hangers.

Note: Place a Hole Plug where there is a visible hole and on both sides, to completely cover hole.



ACCESSORY LIST

4 pcs Rocks with hardware
2 pcs Swings
4 pcs Hole Plugs

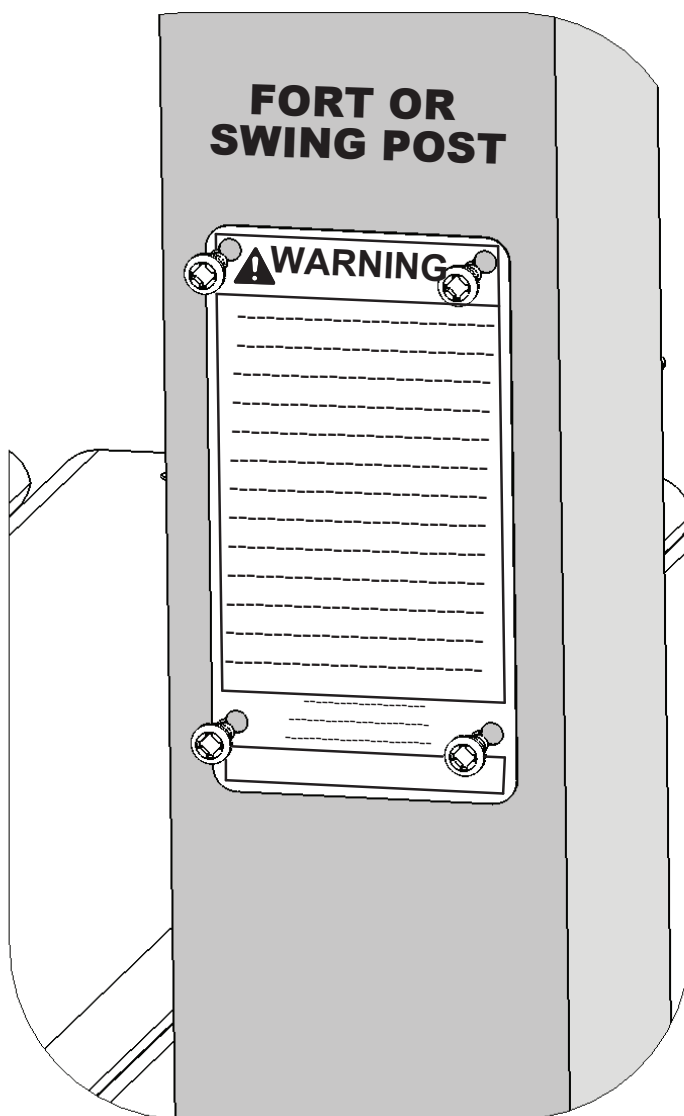
ATTENTION

- * PERIODICALLY CHECK AND RE-TIGHTEN ALL HEX BOLTS, LAG SCREWS, AND WOOD SCREWS TO ENSURE SAFETY. DO NOT OVER TIGHTEN TO AVOID CRUSHING WOOD.
- * THOROUGHLY READ INSTRUCTIONS AND THE OWNERS MANUAL BEFORE USING PLAY CENTRE.
- * KEEP ASSEMBLY INSTRUCTIONS FOR FUTURE REFERENCE.

Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO A PROMINENT LOCATION ON YOUR PLAY EQUIPMENT! (Fort or Swing Post)

This provides warnings concerning safety and important contact information. A Tracking Number is provided to allow you to get critical information or order replacement parts for this specific model.



Attach with screws provided to a location on your set that is easily seen and read by a supervising adult.

 WARNING	
CONTINUOUS ADULT SUPERVISION REQUIRED!	
STRANGULATION HAZARDS Never allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this play-set or to attach these items to play-set. Never allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, or items with draw-strings, cords or ties when using this play-set. Never allow children to wear bike or sport helmets when using this play-set. Failure to prohibit these items increases the risk of serious injury and death to children from entanglement and strangulation.	
SERIOUS HEAD INJURY HAZARD Maintain shock absorbing material under and around play-set as recommended in the Installation & Operating Instructions. Installation over concrete, asphalt, dirt, grass, carpet and other hard surfaces creates a risk of serious injury or death from falls to the ground.	
For children 3 to 10 years of age; weight limit of 110 lbs. per child. Maximum number of users, Installation & Operating Instructions; other information is available at: www.bigbackyard.com Contact us at: Solowave Design Inc. Mount Forest, Ontario, Canada N0G 2L1 1-877-966-3738	
Tracking Number: <input type="text"/>	

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