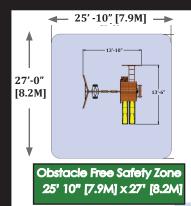
RYERSON - **F25045**

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 - 25'10" (7.9m) x 27' (8.2m) area requires Protective Surfacing. See Owner's Manual.

MAXIMUM VERTICAL FALL HEIGHT - 6'9"(2.06m)

CAPACITY - 12 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.

10-14 Hrs **TWO PERSON** ASSEMBLY





PREMIUM PLAY SETS™

Cedar Summit

c/o © Solowave Design 375 Sligo Rd. West, PO Box 10 Mount Forest, ON Canada N0G 2L0

General Inquiries: Regular Hours: 8:00am - 5:00pm EST Peak Season (April - August): 8:00am - 7:00pm EST (Mon - Fri) 8:00am - 4:00pm EST (Sat & Sun)

9405045

Rev 09-23-2016

Toll Free: 1-877-817-5682 Email: support@cedarsummitplay.com Web Form/Line Chat: www.cedarsummitplay.com/contact-us

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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/SHARP EDGES & POINTS

Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

WARNING LABEL

Owners shall be responsible for maintaining the legibility of the warning labels.

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

Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing materials washing away during heavy rains.

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.

A 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

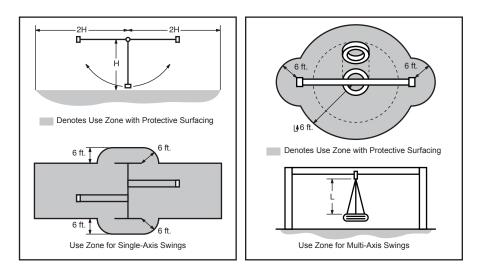
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- 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/manufacturer 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.

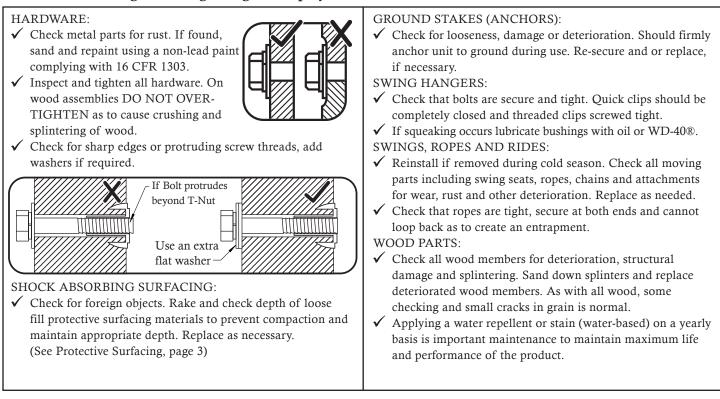


From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

Instructions for Proper Maintenance

Your Cedar Summit 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:



Check twice a month during play season:

HARDWARE:	SHOCK ABSORBING SURFACING:
 ✓ 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. 	 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:	SWINGS AND RIDES:
\checkmark Check that they are secure and orientated correctly. Hook	\checkmark Check swing seats, all ropes, chains and attachments for
should rotate freely and perpendicular to support beam.	fraying, wear, excessive corrosion or damage.
\checkmark If squeaking occurs lubricate bushings with oil or WD-40.	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)
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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 be cause 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, applying a water repellent or stain on a yearly basis is important maintenance. (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.

5 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 5 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. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. 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.

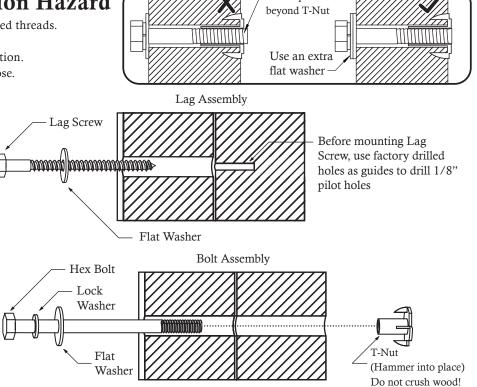
Keys to Assembly Success

Tools Required	Keys to Asse	mbly Success
 Tape Measure Carpenters Level Carpenters Square Claw Hammer Standard or Cordless Drill 	 #1, #3 Phillips or Robertson bit or Screwdriver Ratchet(1/2", 7/16" & 9/16" sockets) 	• Open End Wrench (1/2", 7/16" & 9/16")• 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil
Part Identification Key On each page, you will find the p and quantities required to comple assembly step illustrated on that p Here is a sample. Symbols Throughout these instructions	ete the page. Quantity Key	4 x 83" Number Part Description, Part Size Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step is used in. rtant reminders for proper and safe assembly.
Help Help ar st to help Help ar st to help before tightenin	ould lead to an unsafeWhere this is shown, 2 or 3 peoplere required to safely complete theep. To avoid injury or damagethe assembly make sure to getelp!embly is squareand bolts.sq tape to assure	Check that set or assembly is properly level Use before proceeding. Pre-drill 1/8" & 3/16" Bit Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood. This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.
Once the assembly is tightened, w If a thread protrudes from the T- the bolt and add washers to elimi Extra washers have been provide	Nut, remove inate this condition.	Use an extra flat washer
Proper Hardware Assembly		Lag 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".

Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.



Your Key To Quick Assembly

SORTING WOOD PARTS INTO EACH ASSEMBLY STEP WILL SAVE TIME!

SAVE TIME - TIP #1:

Open each box with wood parts and look for the <u>Key Number</u> stamped on the end of the wood part (see chart below). Sort each wood part into the different assembly steps.

个 Step

Step



SAVE TIME - TIP #2:

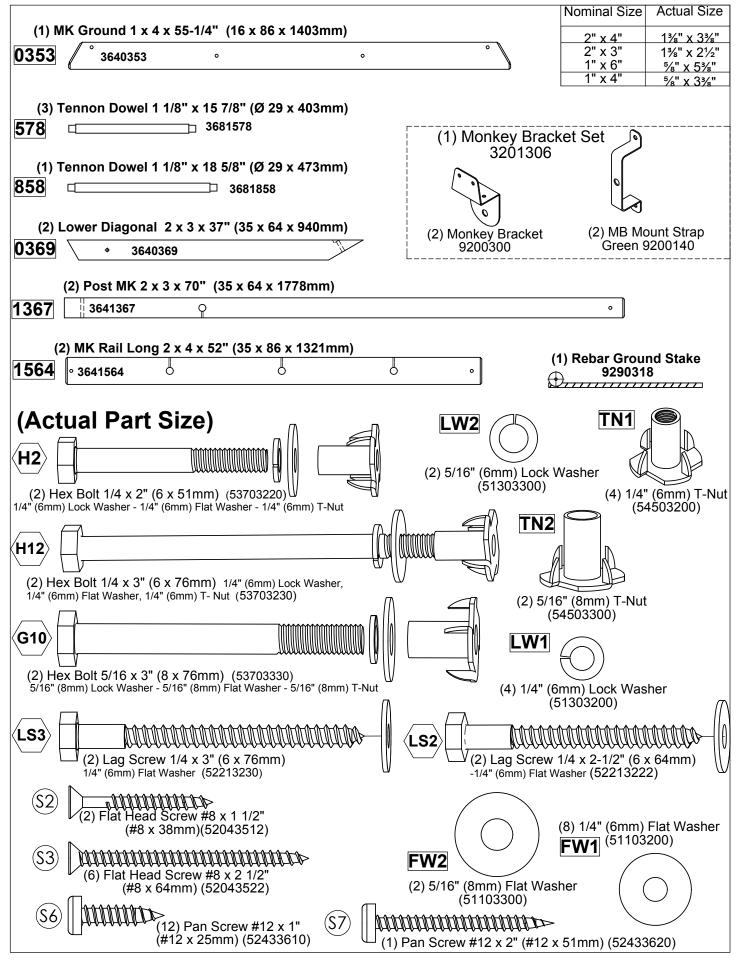
In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual.

HARDWARE:

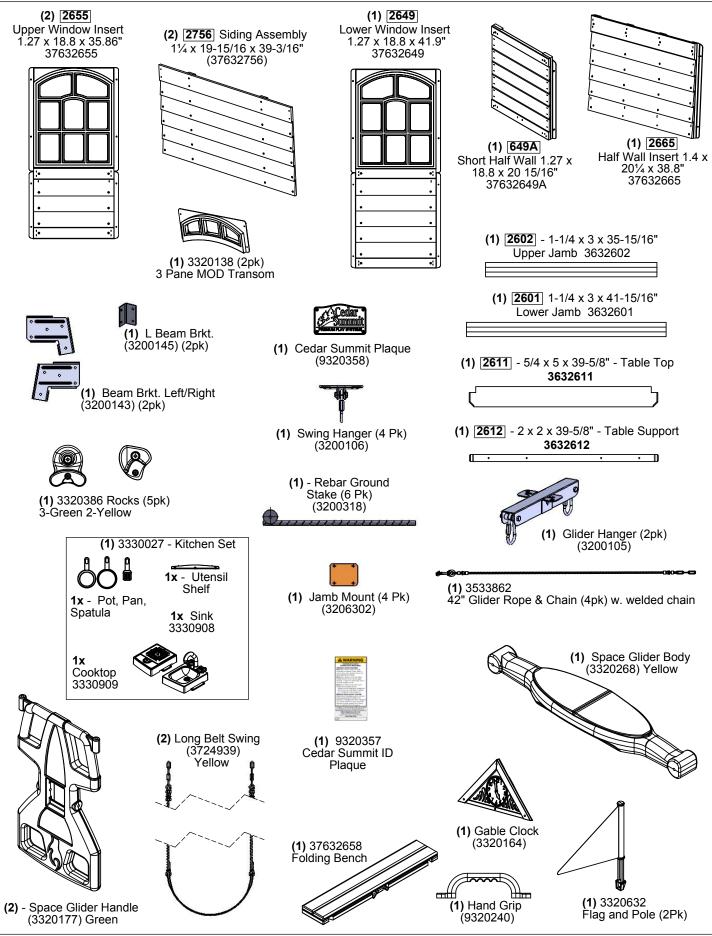
The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.

↑ Step

Part Identification (ADD on A)

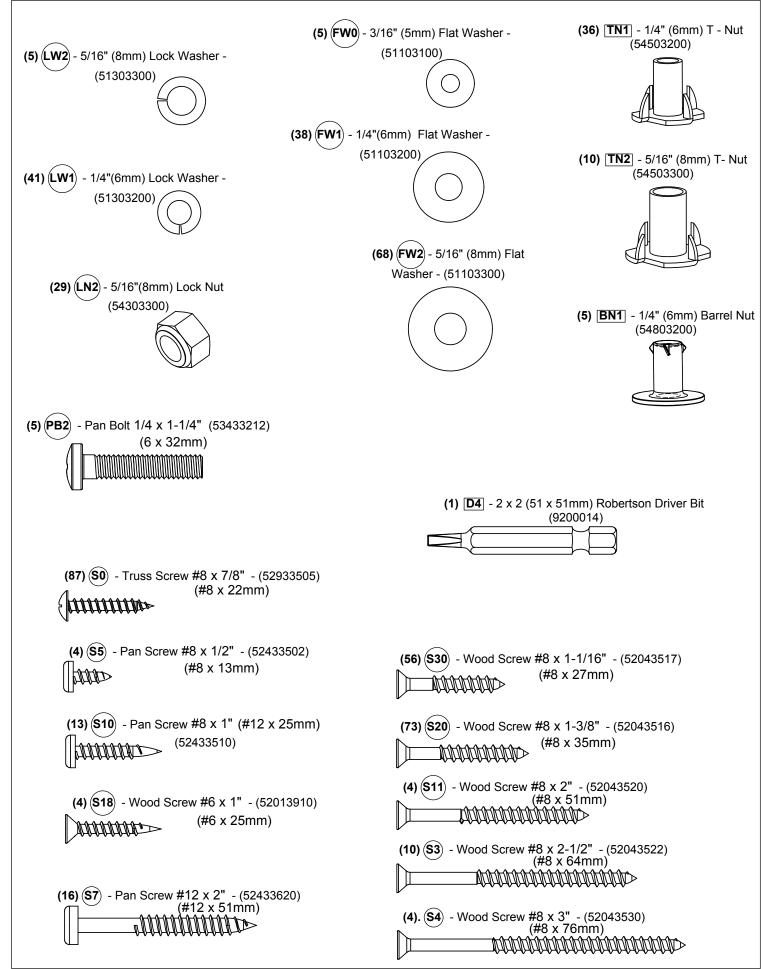


Part Identification (ADD on N)



Hardware ADD on N (Actual Size) (2) (WB1) - Wafer Bolt 5/16 x 1" - (53613310) (3) (WB7) - Wafer Bolt 5/16 x 3" (8 x 76mm) - (53613330) (8 x 25mm) (24) (H9) - Hex Bolt 1/4 x 1-1/4" - (53703211) (6 x 32mm) (2) (WL3) - Wafer Lag 1/4 x 1-3/8"- (52613216) (6 x 35mm) (4) (H1) - Hex Bolt 1/4 x 1-1/2" - (53703212) (6 x 38mm) (16) (WL5) - Wafer Lag 1/4 x 2-1/2"- (52613222) (6 x 64mm) (4) (H10) - Hex Bolt 1/4 x 2-1/4" - (53703221) (6 x 57mm) (2) (LS3) - Lag Screw 1/4 x 3" - (52213230) (6 x 76mm) - Hex Bolt 1/4 x 2-3/4" - (53703223) (6 x 70mm) (4) (H11) (4) (G8) - Hex Bolt 5/16 x 2"- (53703320) (8 x 51mm) (7) (G21) - Hex Bolt 5/16 x 3-3/4" - (53703333) (8 x 95mm) (3) (G4) - Hex Bolt 5/16 x 4" - (53703340) (8 x 102mm) (14) $\langle G7 \rangle$ - Hex Bolt 5/16 x 5-1/2" - (53703352) (8 x 140mm) (2) (G25) - Hex Bolt 5/16 x 7-1/4" - (53703371) (8 x 184mm)

Hardware ADD on N (Actual Size)



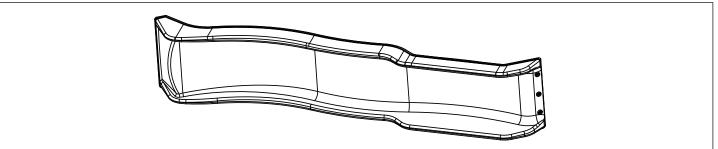
Part Identification (ADD on E)

1pc. - [2648] - 1 x 4 x 40-5/8 (16 x 86 x 1032mm)- Floor Board 3632648 1pc. - [2757]
LT Post Assembly
1¼ x 2½ x 87" (32 x 64 x 2210mm)
8pc 2609 - 1 x 5 x 40-5/8"(16 x 114 x 1032mm) - Floor Board 3632609 37632757
2pc. - [2780] - 1 x 6 x 19" (16 x 137 x 483mm) 2pc. - [2779] - 1 x 6 x 19"(16 x 137 x 483mm)
RK Board A 3632780 . Access Board 3632779
3pc. - [2781] - 1 x 6 x 19" (16 x 137 x 483mm)
2pc. - 2778 - 5/4 x 4 x 14 ¹ / ₄ " (25 x 89 x 362)
SW Ground MOD 3632778
1 no [7646] 5/4 x 4 x 46 1/3" (25 x 90 x 1191mm) SW Sunnart 2622646
1pc 2616 - 5/4 x 4 x 46-1/2" (25 x 89 x 1181mm) SW Support 3632616
2pc. - [2777] - 2 x 2 x 40-1/4" (38 x 38 x 1022mm) - Side Joist MOD 3632777
2pc. - <u>2777</u> - 2 x 2 x 40-1/4 (38 x 38 x 102211111) - Side Joist MOD 3632 777
2pc. - [2607] - 1-1/4 x 3 x 22" (32 x 76 x 559mm) - Diagonal 3632607
2pc 2776 - Rock Rail 1¼ x 2½ x 51" (32 x 64 x 1295mm) 3632776 1pc 2758 RT Post Assemination RT Post Assemination 1pc 2758
L L 1¼ x 2½ x 87
Ipc[2608] - 1-1/4 x 3 x 40-3/4" (32 x 76 x 1035mm) - Floor Joist 3632608 37632758
3pc. - 2770 - End Post Left 1¼ x 2½ x 87" (32 x 64 x 2210mm) 3632770
•
2pc. - 2772 - Panel Floor Support 1 ¹ / ₄ x 3 x 42" (32 x 76 x 1067mm) 2pc. 2775 Panel Cross Support 1 ¹ / ₄ x 3 x 42"
· · · · · · · · · · · · · · · · · · ·
5pc. - 2769 - Panel BT Frame 1¼ x 3 x 42" (32 x 76 x 1067mm)
3632769
2pc. - 2768 - Panel Floor 1¼ x 3 x 42"
2pc. - 2774 - Upright 1¼ x 3 x 42" (32 x 76 x 1067mm) 3632774 (32 x 76 x 1067mm) 3632768
1pc. - 2630 - SW Top 1¼ x 5½ x 42" (32 x 140 x 1067mm) 39632630
2pc. -[2613] - 2 x 3 x 86-11/16" (51 x 76 x 2202mm) - Heavy SW Post 3632613
1pc. - 2615 - 4 x 4 x 50-15/16" - (76 x 76 x 1294mm) SW Upright 3632615
1pc. - 2614 - 4 x 6 x 88" - (76 x 133 x 2235mm) Engineered Beam 3632614

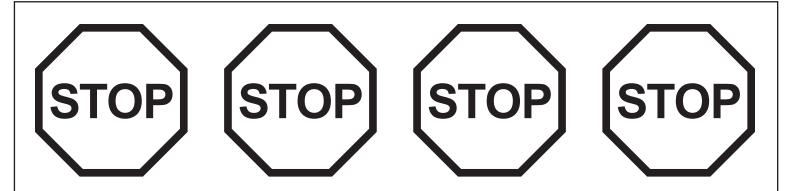
Part Identification (ADD on F)

4pc 2759 Roof End 1-1/4 x 3 x 10" ($32 \times 76 \times 254$ mm) 3632759 4pc 2760 - Roof Support $1\frac{1}{4} \times 2\frac{1}{4} \times 37\frac{1}{2}$ " ($32 \times 57 \times 953$ mm) 3632760 + + + + + + + + + + + + + + + + + + +	2x - Sky Gable (3320212)
1pc 2752] - MOD Roof Front 1¼ x 20-7/16 x 44" 1pc (32 x 519 x 1118mm) 37632752 • • • • • • • • • • • • • • • • • • • • • • • • • • •	-2753] - MOD Roof Back 11/4 x 20-13/64 x 44" (32 x 513 x 1118mm) 37632753
2pc. - 2751 - MOD Roof Bottom 1-3/16 x 16 25/32 x 44" (30 x 426 x 1118mm) 37632751	4pc. (H3) - Hex Bolt 1/4 x 2-1/2" (6 x 64mm)(53703222) 8pc. (S20) - Wood Screw #8 x 1-3/8" - (52043516) (#8 x 35mm)
6pc. <u>60</u> - Truss Screw #8 x 7/8" (#8 x 22mm) (52933505) (24pc. (S11) - Wood Screw #8 x 2" (52043520) (#8 x 51mm) ALALALALALA 8pc. (S3) - Wood Screw #8 x 2-1/2" (52043522) (#8 x 64mm) 2pc. (S4) - Wood Screw #8 x 3" (52043530) (#8 x 76mm)

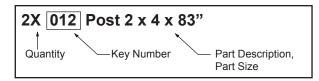
2X Next Generation 48" High Rail Slide EN71



Inventory Parts - Read This Before Starting Assembly



- **A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
 - The wood pieces will have the key number stamped on the ends of the boards. Organize the wood pieces by step, as per the key numbering system below.



Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- **B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. <u>Call us before going back to the store.</u>

1-877-817-5682 support@cedarsummitplay.com

- **C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 6.
- **D.** Before you discard your cartons fill out the form below.
 - The carton I.D. stamp is located on the end of each carton. The tracking number is located on the Cedar Summit ID Plaque (9320357).
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F25045			
CARTON I.D. STAMP:	14459 (Box 1)	CARTON I.D. STAMP:	14459 (Box 4)
CARTON I.D. STAMP:	14459 (Box 2)	CARTON I.D. STAMP:	14459 (Box 5)
CARTON I.D. STAMP:	14459 (Box 3)	CARTON I.D. STAMP:	14459 (Box 6)
TRACKING NUMBER (from ID Plaque):			

Step 1: Front and Back Wall Prep Part 1

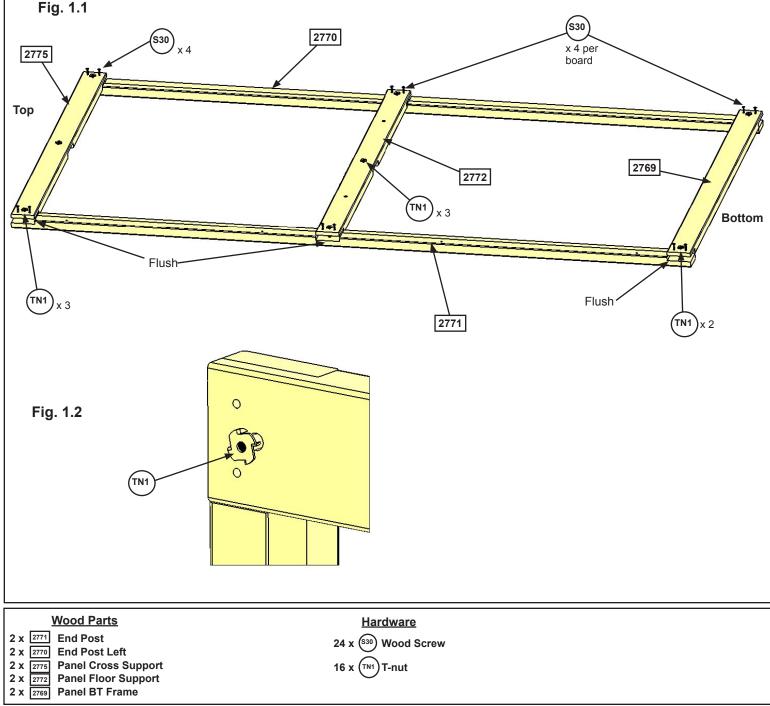


It is important to assemble the frame on a flat, smooth surface.

A: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. Put (2770) End Post Left on the right hand side. Place (2775) Panel Cross Support in the top grooves, (2772) Panel Floor Support in the middle grooves and (2769) Panel BT Frame in the bottom grooves. (fig. 1.1).

B: Make sure assembly is square then attach with 4 (S30) Wood Screws per board. (fig. 1.1)

C: Tap 3 (TN1) T-nuts in (2775) Panel Cross Support and (2772) Panel Floor Support and 2 in (2769) Panel BT Frame. (fig. 1.1 and 1.2)



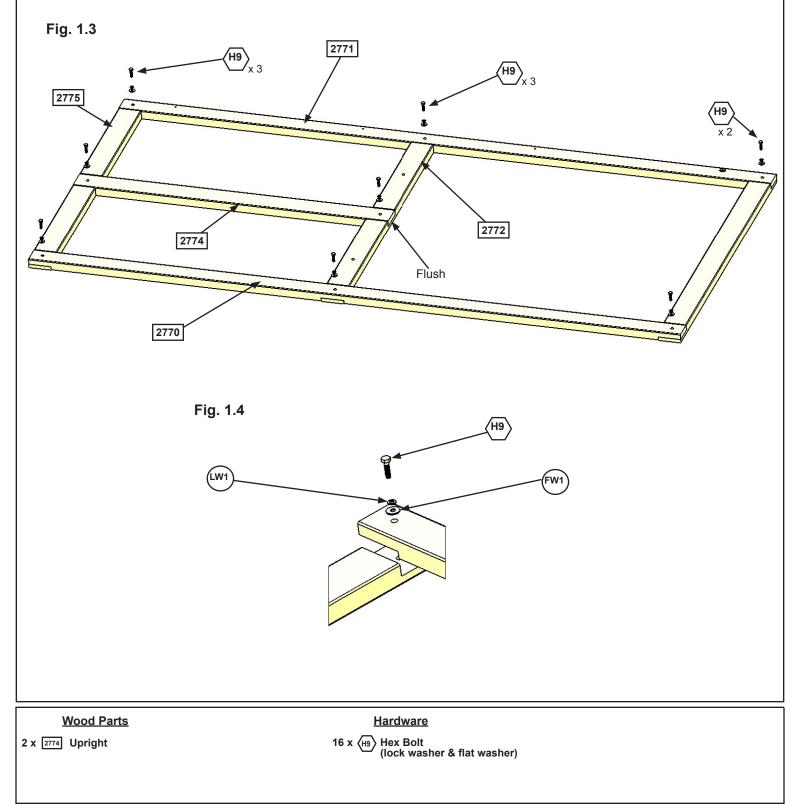
Step 1: Front and Back Wall Prep Part 2





D: Turn the assembly over, place (2774) Upright in the middle grooves of (2775) Panel Cross Support and (2772) Panel Floor Support then attach all boards with 8 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 1.3 and 1.4)





Step 2: End Wall Prep Part 1



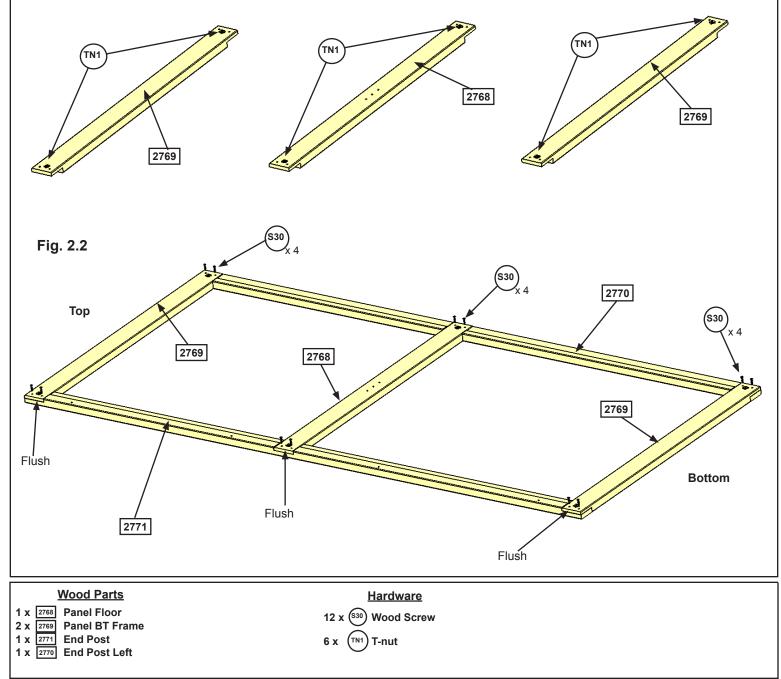
It is important to assemble the frame on a flat, smooth surface.

A: Place (2768) Panel Floor and 2 (2769) Panel BT Frames on a hard, flat surface with the long side up. Tap in 2 (TN1) T-nuts per board. (fig. 2.1)

B: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves (2768) Panel Floor in the middle grooves. (fig. 2.2).

C: Make sure assembly is square then attach with 4 (S30) Wood Screws per board. (fig. 2.2)

Fig. 2.1

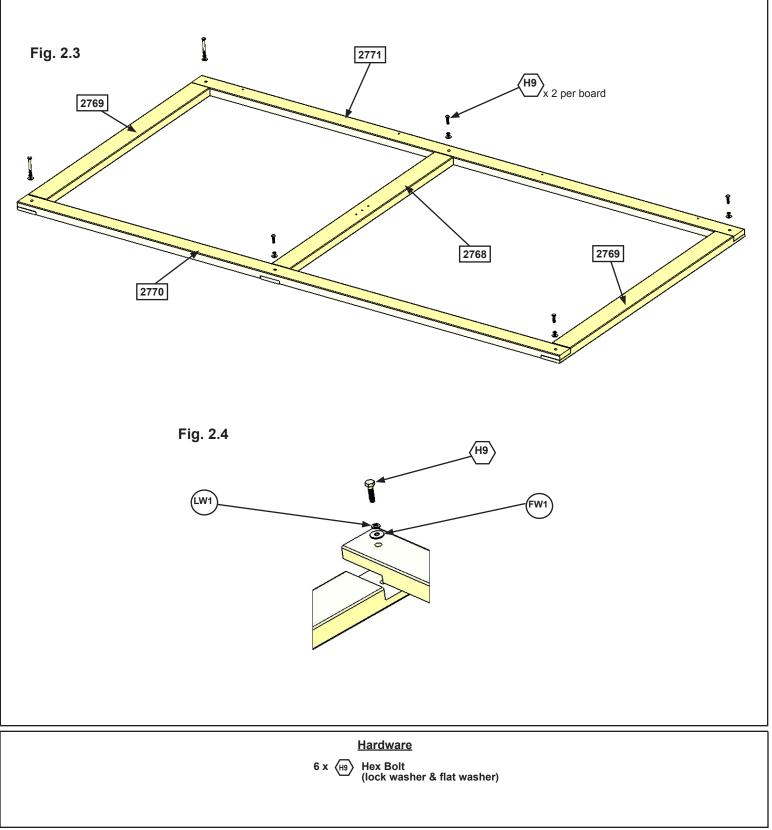


Step 2: End Wall Prep Part 2



It is important to assemble the frame on a flat, smooth surface.

D: Turn the assembly over then attach all boards with 6 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

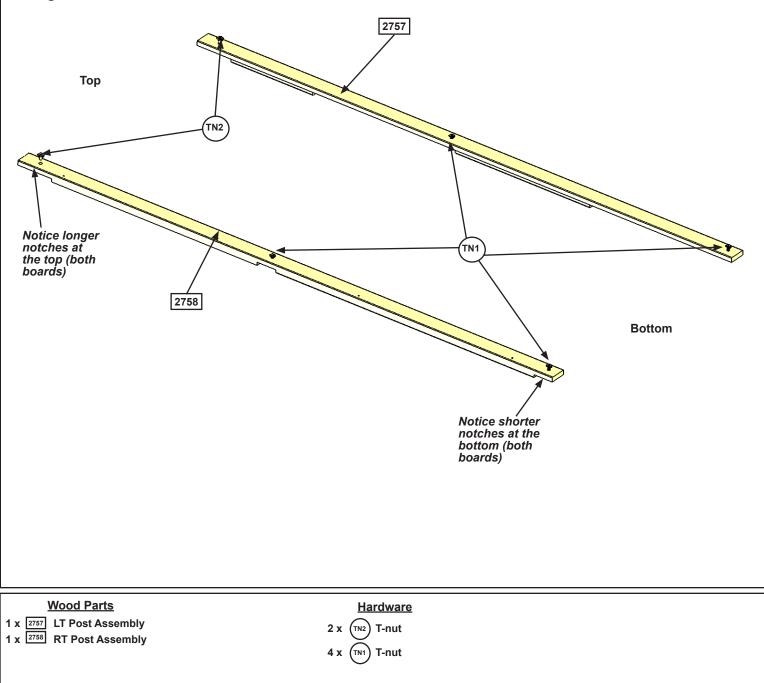


It is important to assemble the frame on a flat, smooth surface.

A: Place (2757) LT Post Assembly and (2758) RT Post Assembly on a hard, flat surface with the notches facing down. The top of the post assemblies have the longer notches. (fig. 3.1)

B: Tap 1 (TN2) T-nut in the top holes and 1 (TN1) T-nut in the middle and bottom holes. (fig. 3.1).

Fig. 3.1

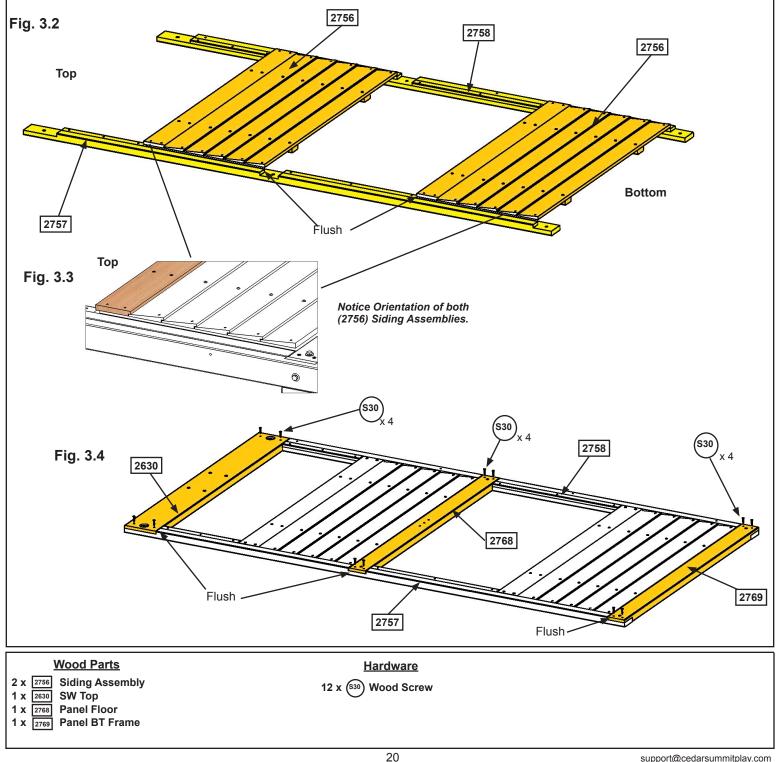




It is important to assemble the frame on a flat, smooth surface.

C: Turn the (2757) LT Post Assembly and (2758) RT Post Assembly over and place 2 (2756) Siding Assemblies on top so one sits flush with the top of the middle groove and the second fits flush with the top of the bottom groove. (fig. 3.2 and 3.3)

D: Place (2630) SW Top in the top grooves, (2768) Panel Floor in the middle grooves and (2769) Panel BT Frame in the bottom grooves so they sit flush to the outside edges of (2757) LT Post Assembly and (2758) RT Post Assembly. Make sure the assembly is square then attach with 4 (S30) Wood Screws per board. (fig. 3.4).





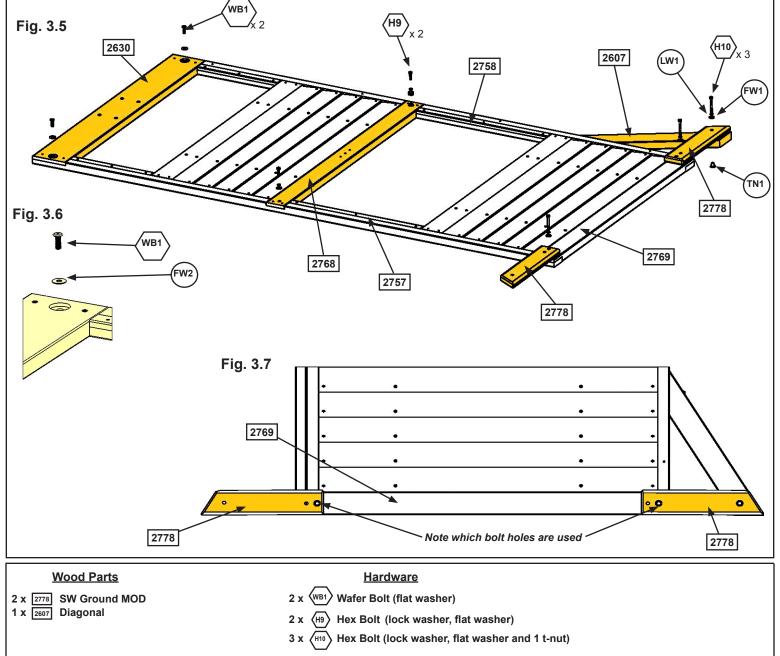
It is important to assemble the frame on a flat, smooth surface.

E: Attach (2630) SW Top to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (WB1) Wafer Bolts (with flat washer) connecting to previously installed t-nuts. (fig. 3.5 and 3.6)

F: Attach (2768) Panel Floor to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (H9) Hex Bolts (with lock washer and flat washer) connecting to previously installed t-nuts. (fig. 3.5).

G: Place 1 (2778) SW Ground MOD to each side of (2769) Panel BT Frame, notice the hole locations and attach with 1 (H10) Hex Bolt (with lock washer and flat washer) per board connecting to previously installed t-nuts. (fig. 3.5 and 3.7).

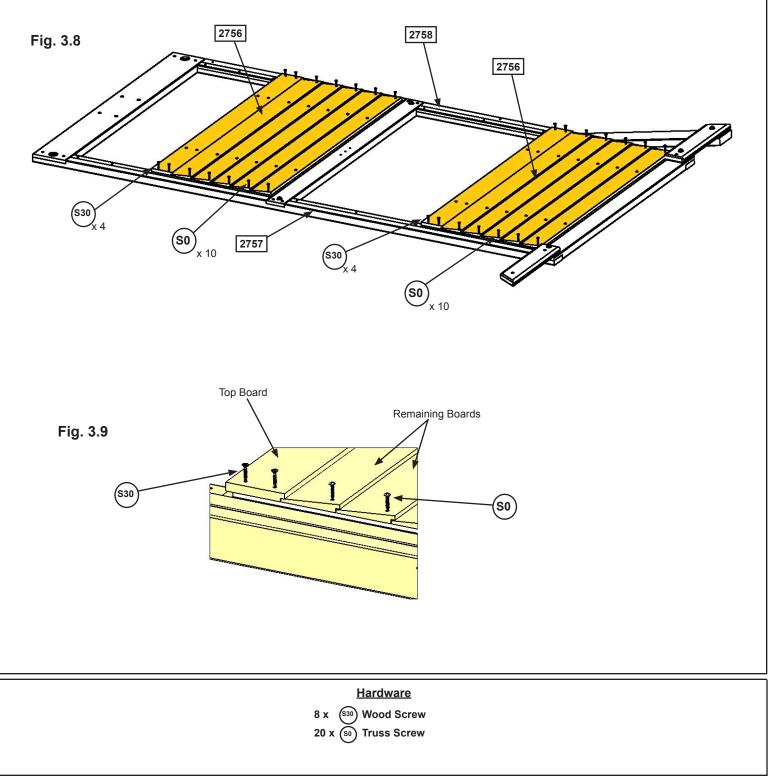
H: Place 1 (2607) Diagonal under (2778) SW Ground MOD on the right hand side so the top sits against (2758) RT Post Assembly and loosely attach with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 3.5 and 3.7).



It is important to assemble the frame on a flat, smooth surface.

I: Attach the top board in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 4 (S30) Wood Screws per board. (fig. 3.8 and 3.9)

J: Attach the remaining boards in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (S0) Truss Screws per board. (fig. 3.8 and 3.9)

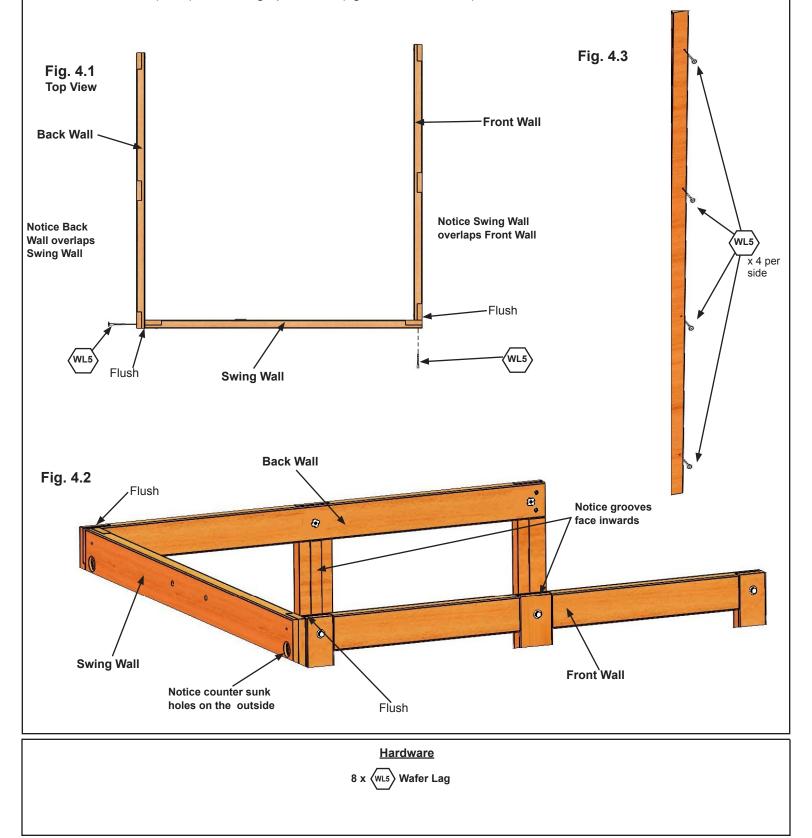


Step 4: Frame Assembly Part 1



It is important to assemble the frame on a flat, smooth surface.

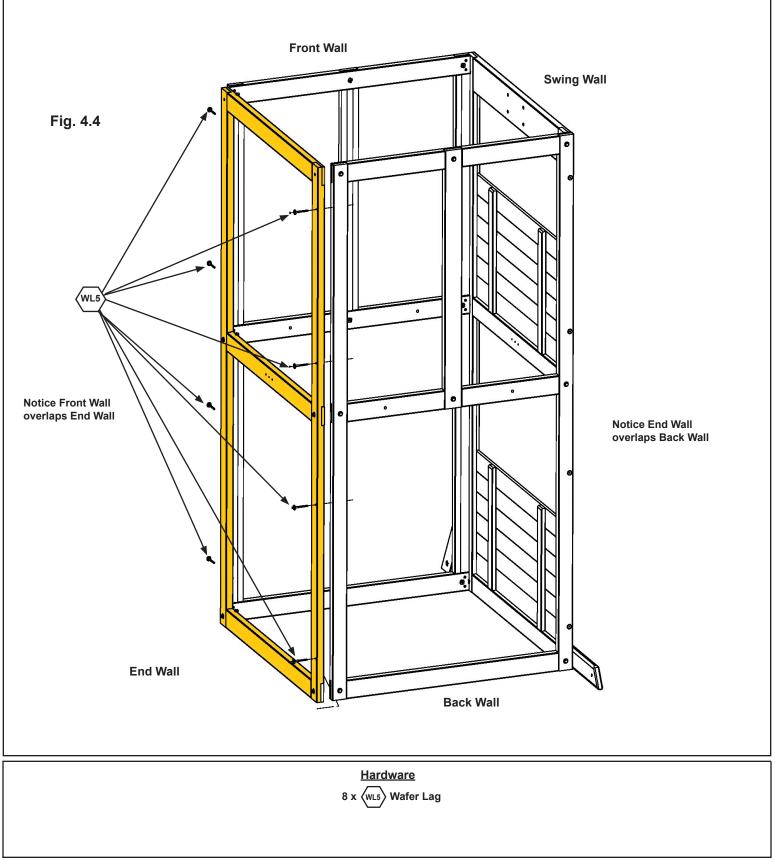
A: Place Swing Wall from Step 3 between 2 Front and Back Walls from Step 1, noticing the wall orientations. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 3/16" (4.8 mm) drill bit and fasten the Back Wall to the Swing Wall and Swing Wall to the Front Wall with 4 (WL5) Wafer Lags per side. (fig. 4.1, 4.2 and 4.3)



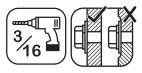
Step 4: Frame Assembly Part 2



B: Place End Wall from Step 2 between the Front Wall and Back Wall noticing the wall orientation. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide predrill with a 3/16" (4.8 mm) drill bit and fasten the Front Wall to the End Wall and End Wall to the Back Wall with 4 (WL5) Wafer Lags per side. (fig. 4.4)

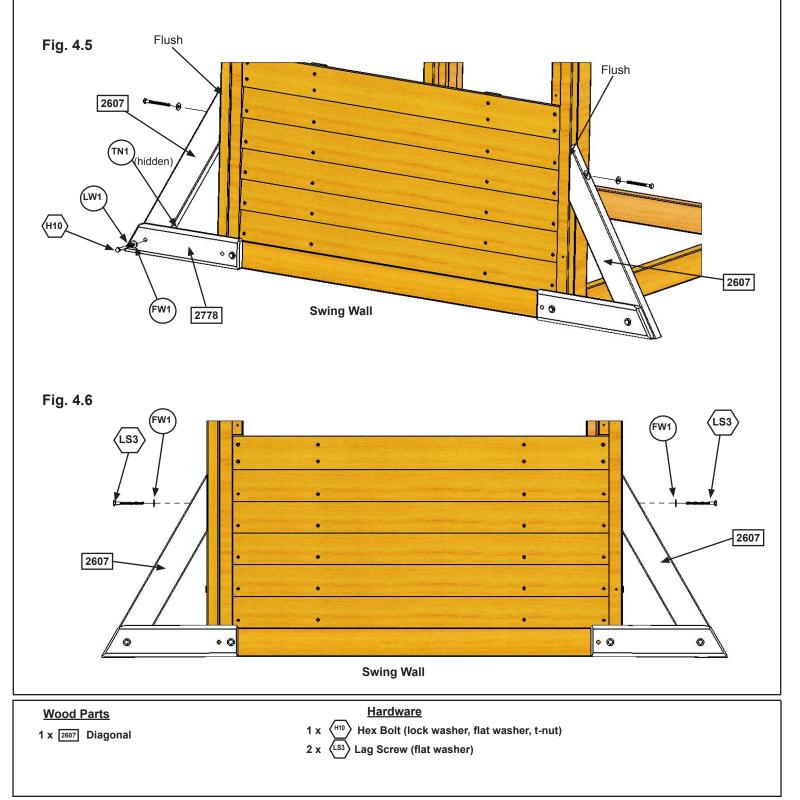


Step 4: Frame Assembly Part 3



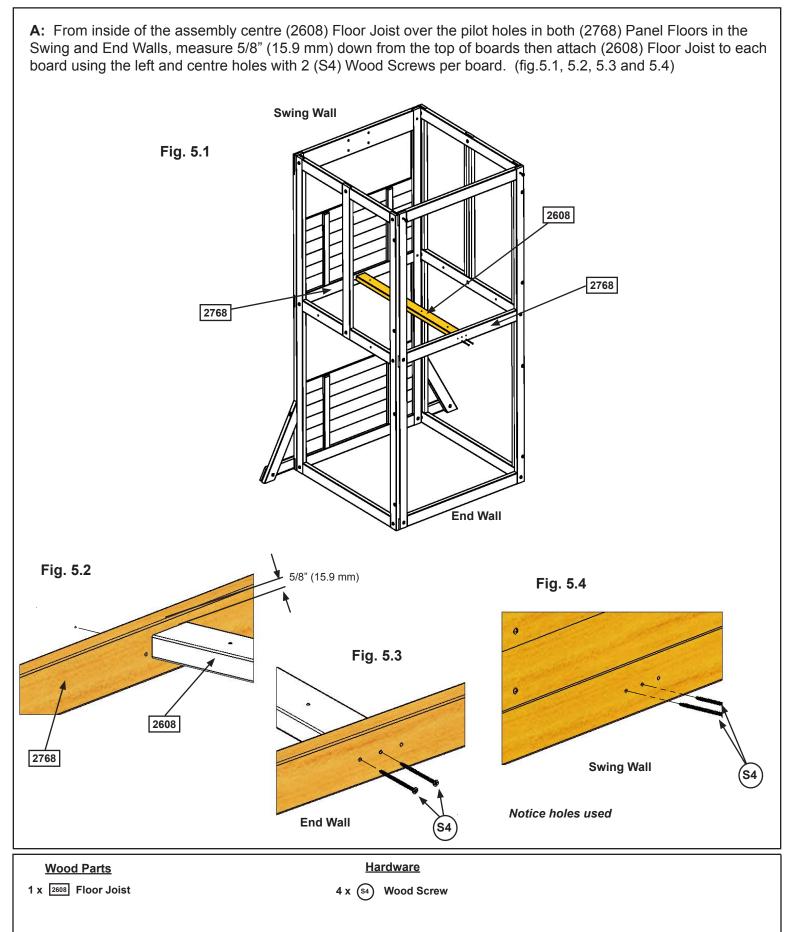
C: Loosely attach 1 (2607) Diagonal to left (2778) SW Ground MOD with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 4.5)

D: Place each (2607) Diagonal tight and flush to the front of the Swing Wall then pre-drill pilot holes with a 3/16" (4.8 mm) drill bit and attach each (2607) Diagonal to the Swing Wall with 1 (LS3) Lag Screw (with flat washer) per board, checking that they remain flush to outside edge. (fig. 4.5 and 4.6)



Step 5: Floor Assembly Part 1





Step 5: Floor Assembly Part 2



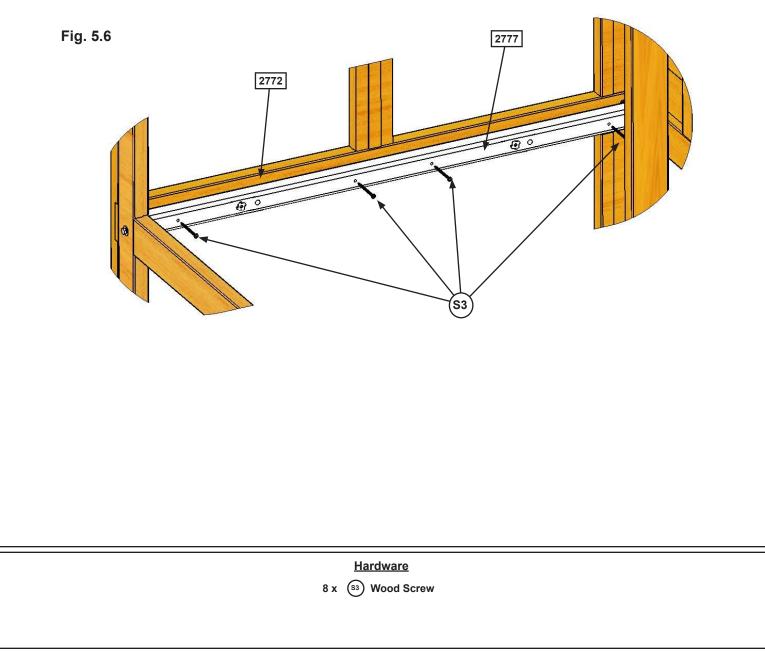
B: On the inside of both the Front and Back Walls loosely attach 1 (2777) Side Joist MOD to each (2772) Panel Floor Support with 2 (H11) Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 5.5. Make sure both (2777) Side Joist MODs are level with (2608) Floor Joist. **Front Wall** ́н11 Fig. 5.5 FW1 2772 Ð 2777 ΤN C TN1 2777 Ø 0 2772 0 2608 (FW1 (LW1 **Back Wall** Wood Parts **Hardware** 2 x 2777 Side Joist MOD 4 x (H11) Hex Bolt (lock washer, flat washer, t-nut)

Step 5: Floor Assembly Part 3



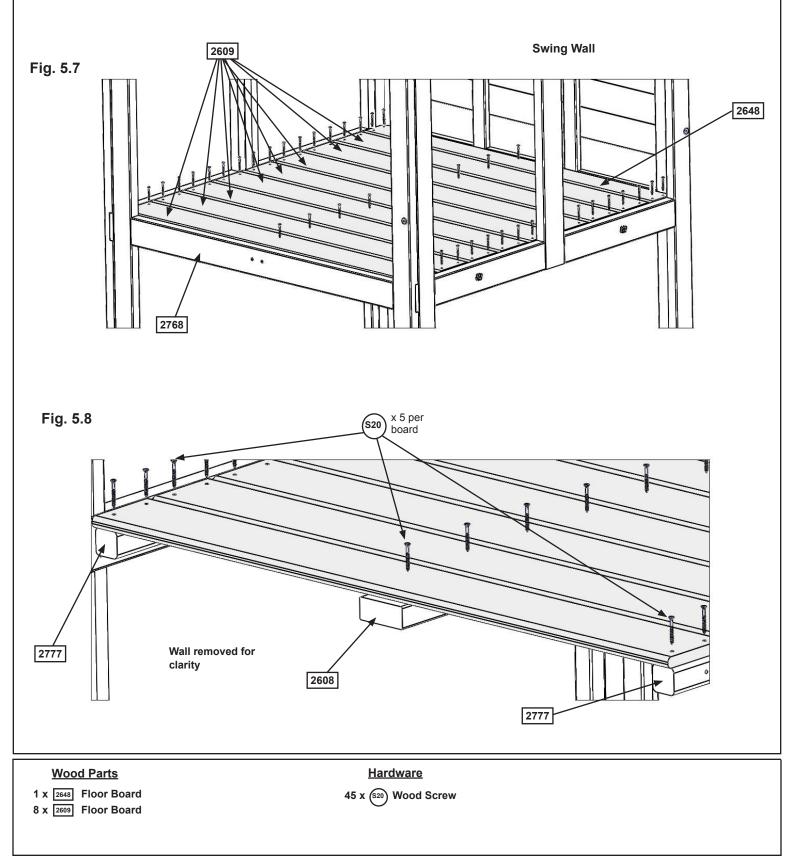
C: Fasten each (2777) Side Joist MOD to each (2772) Panel Floor Support with 4 (S3) Wood Screws per board as shown in fig. 5.6.

D: Tighten all (H11) Hex Bolts in both (2777) Side Joist MOD.



Step 5: Floor Assembly Part 4

E: Starting at the Swing Wall place (2648) Floor Board followed by 8 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2608) Floor Joist and each (2777) Side Joist MOD with 5 (S20) Wood Screws per board. (fig. 5.7 and 5.8)



Step 6: Swing Beam Assembly

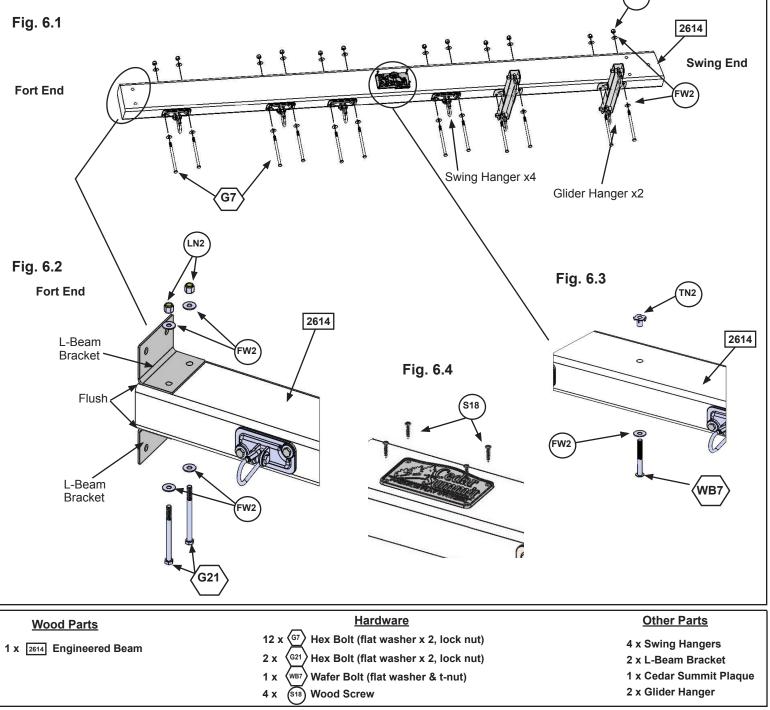


A: Attach 4 Swing Hangers and 2 Glider Hangers to the (2614) Engineered Beam using 2 (G7) Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger as shown in fig. 6.1.

B: Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 6.1 and 6.2)

C: Install 1 (WB7) Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 6.3. IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.

D: Attach the Cedar Summit plaque over top of TN2 (T-Nut) in fig. 6.3 using 4 (S18) Wood Screws. (fig. 6.4)

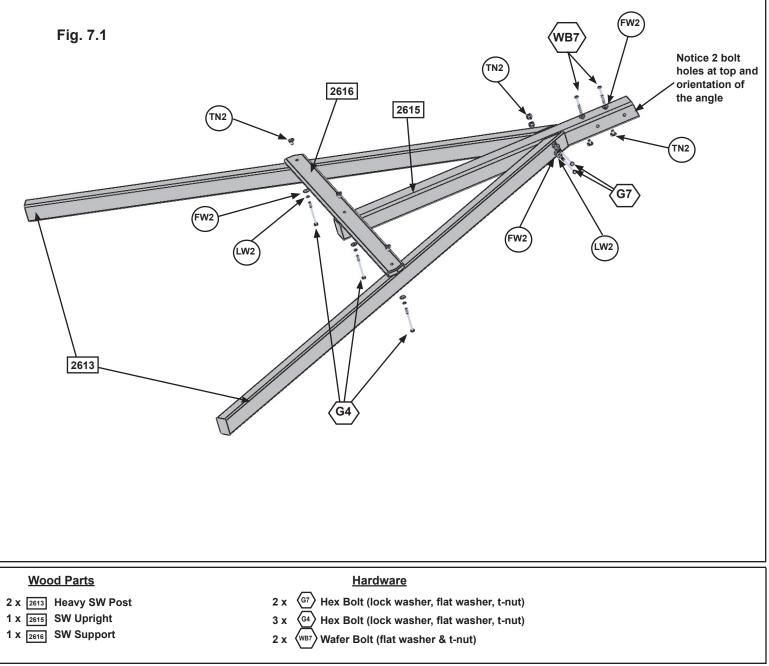




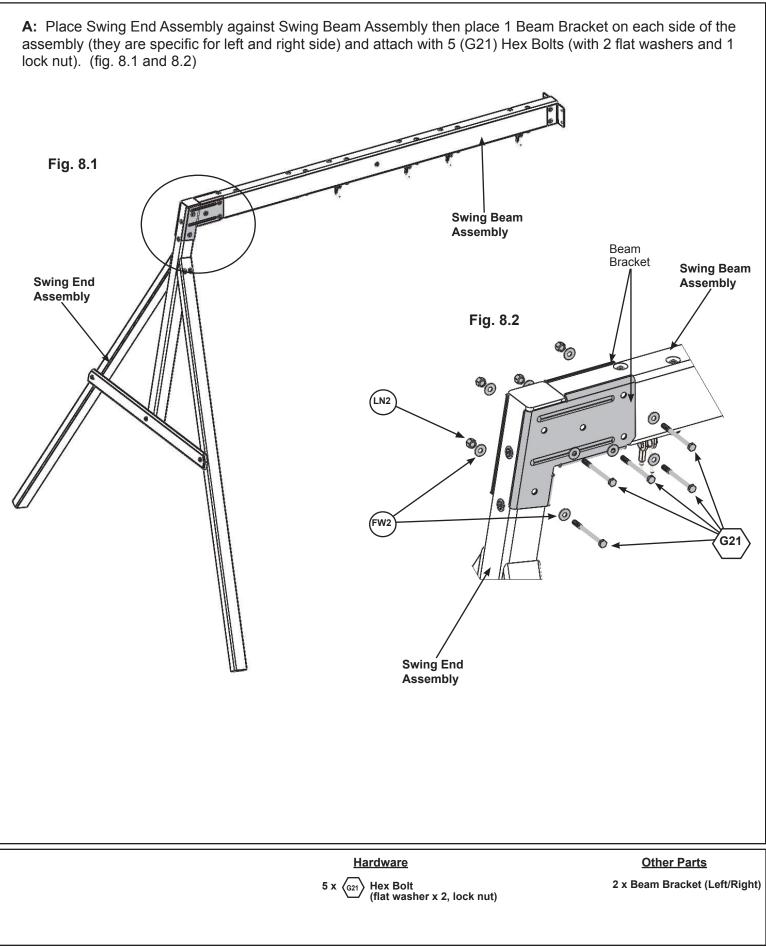
A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

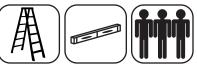
B: Attach (2616) SW Support to both (2613) Heavy SW Posts and (2615) SW Upright using 3 (G4) Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts (fig. 7.1)

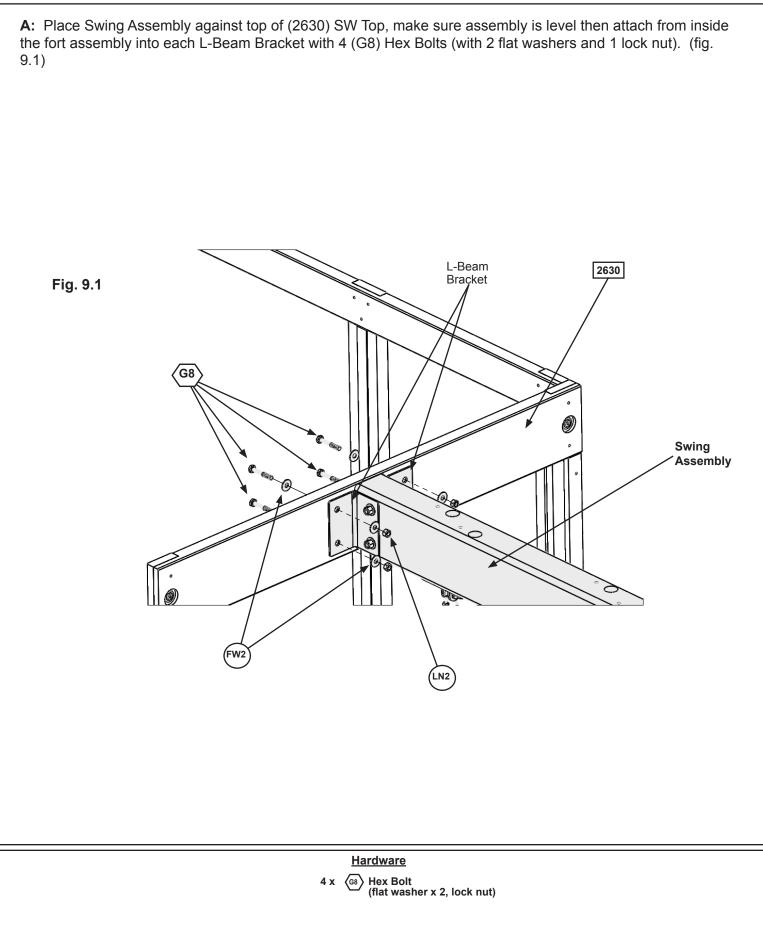
C: Install 2 (WB7) Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (2615) SW Upright as shown in fig. 7.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**









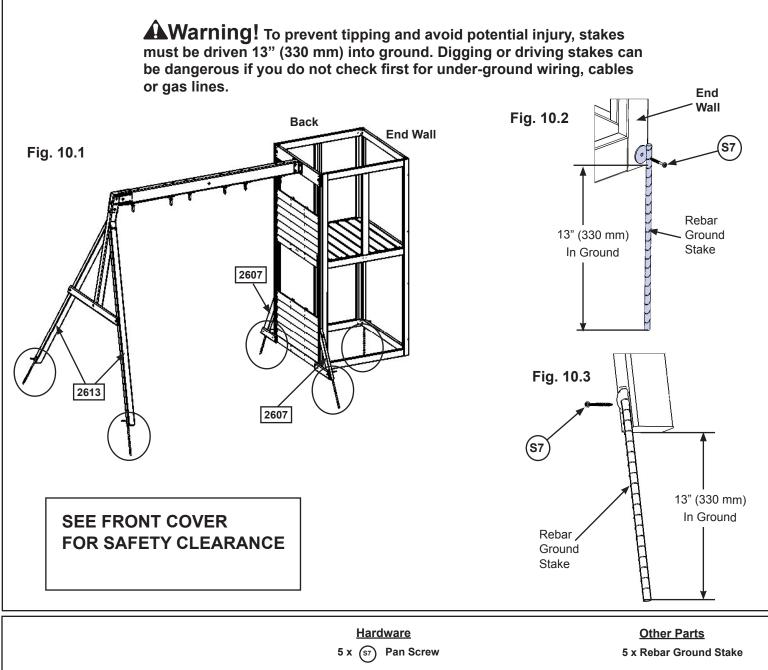


MOVE FORT TO FINAL LOCATION PRIOR TO STAKING FINAL LOCATION MUST BE LEVEL GROUND

A: In the 5 places shown in fig. 10.1 drive the Rebar Ground Stakes 13" (330 mm) into the ground against outside back corner of the End Wall, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes using 1 (S7) Pan Screw per ground stake (fig. 10.2 and 10.3).

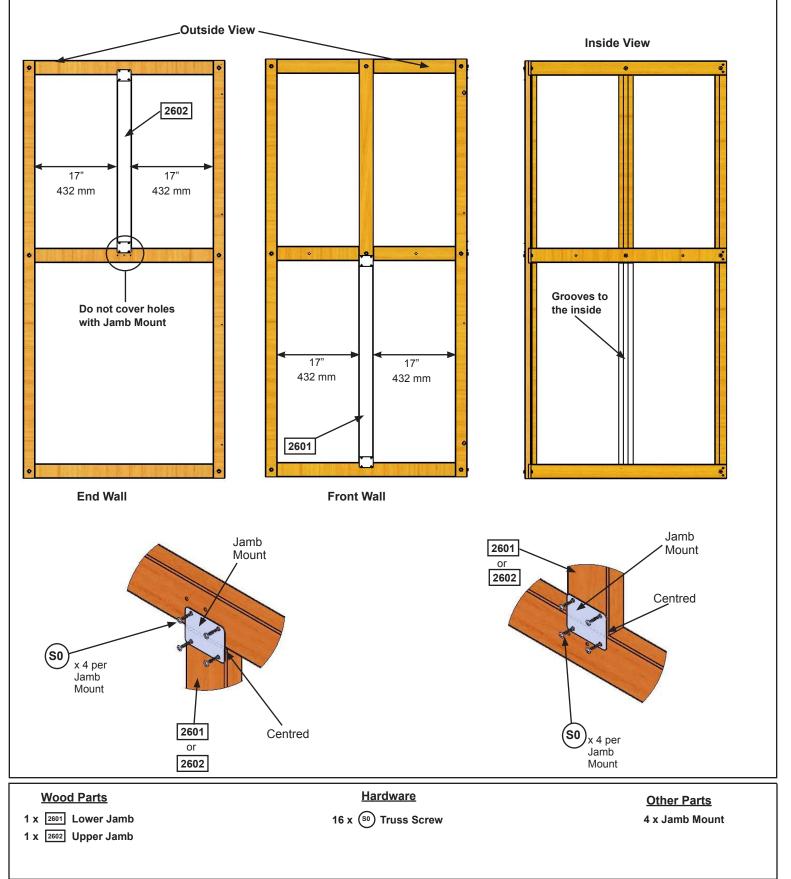
C: After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.



Step 11: How to Install Inserts - Upper and Lower Jambs

There is 1 (2601) Lower Jamb and 1 (2602) Upper Jamb provided. Install the (2601) Lower Jamb on the Front Wall and the (2602) Upper Jamb on the End Wall using 2 Jamb Mounts and 8 (S0) Truss Screws per board.

Use the diagrams below to show correct placement of each board.



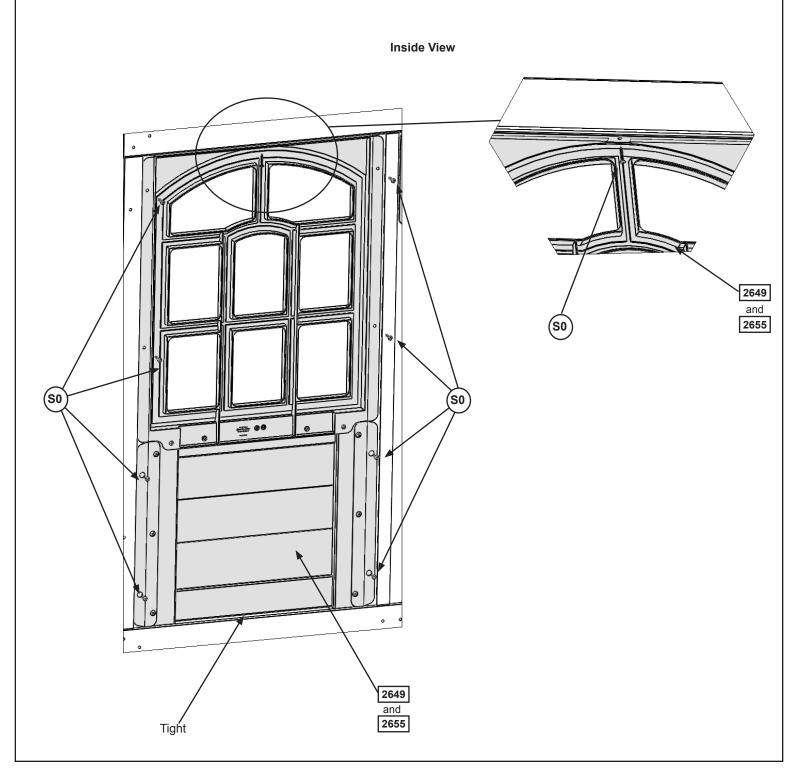
Step 12: How to Install Inserts - Window and Wall Inserts Part 1

There is 1 (2649) Lower Window Insert, 2 (2655) Upper Window Inserts, 1 (2665) Half Wall Insert, 1 (649A) Short Half Wall and 2 MOD 3-Pane Transoms provided. Use the Fort Guide to see where each insert is installed.

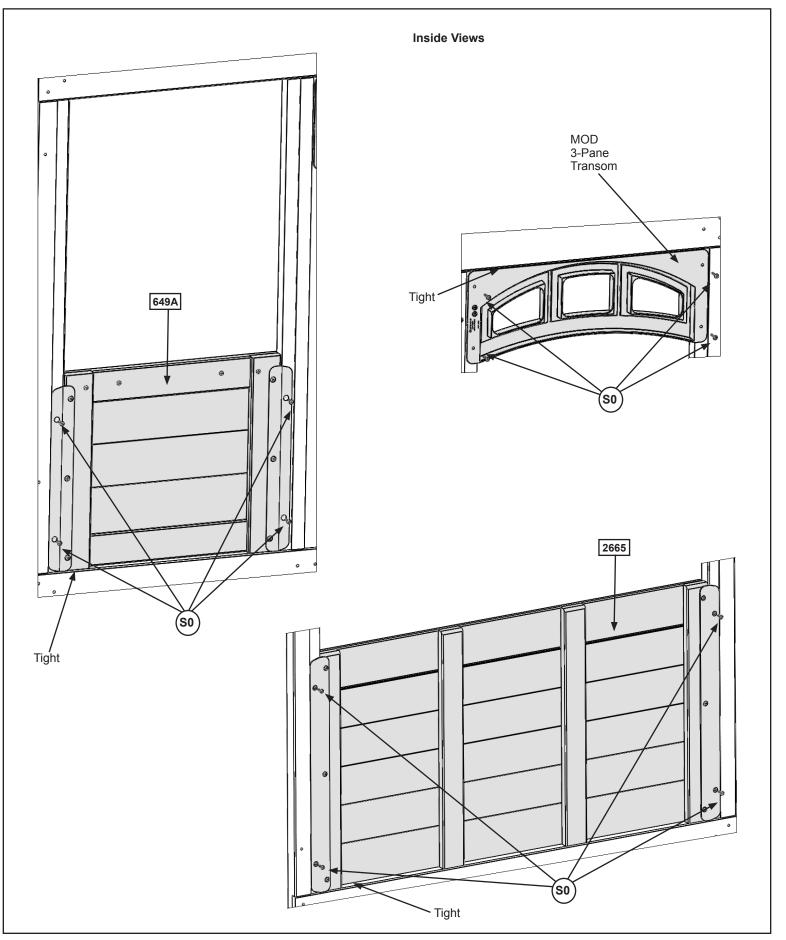
When installing you will need the following:

For (2649) Lower Window Insert and (2655) Upper Window Insert - 9 x (S0) Truss Screws per insert.

For (2665) Half Wall Insert, (649A) Short Half Wall and MOD 3-Pane Transom - 4 x (S0) Truss Screws per insert.

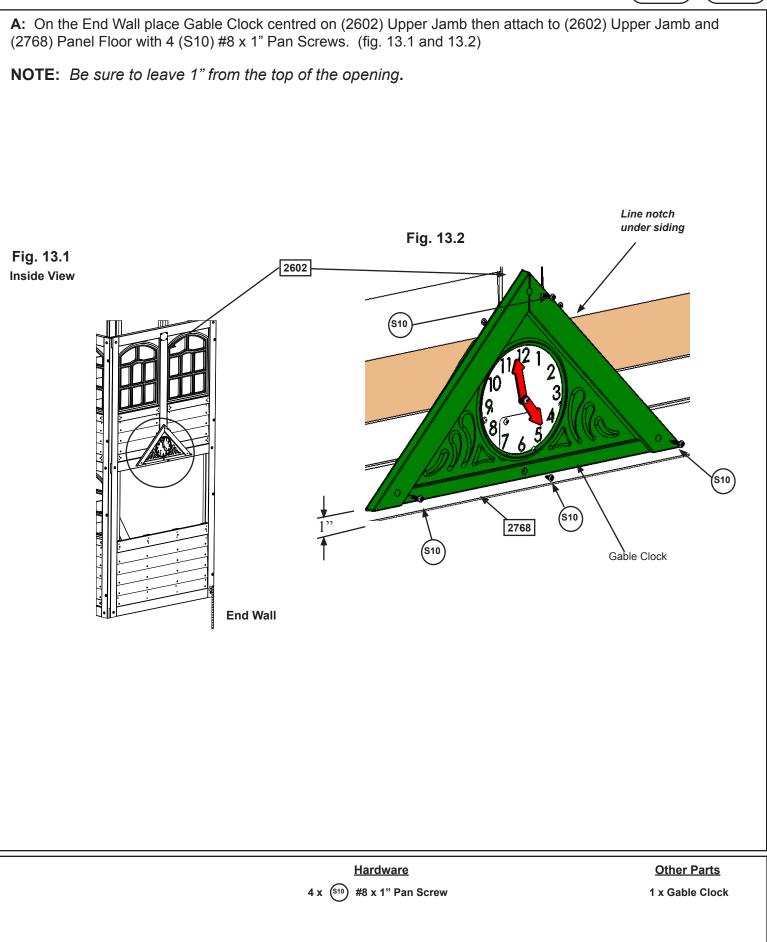


Step 12: How to Install Inserts - Window and Wall Inserts Part 2



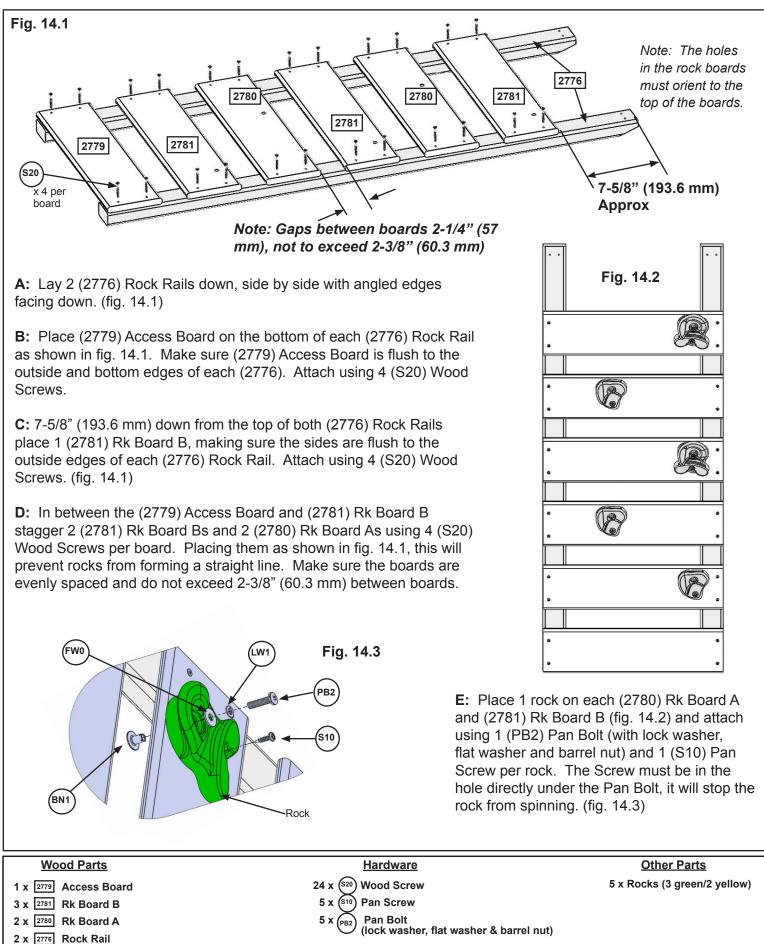
Step 13: Clock Assembly





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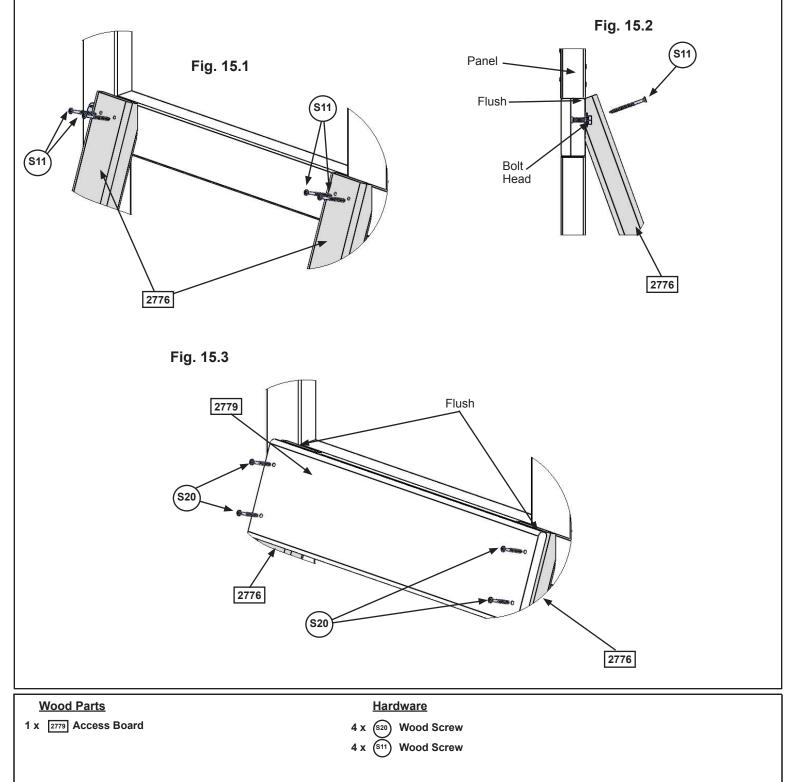


Step 15: Attach Rock Wall Assembly to Fort Part 1

A: Place Rock Wall Assembly centred in opening of the Back Wall as shown in the Fort Guide and flush as shown below. Attach (2776) Rock Rails to the Back Wall using 4 (S11) Wood Screws. (fig. 15.1 and 15.2)

B: Attach 1 (2779) Access Board to top of Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S20) Wood Screws. (fig. 15.3)

Note: Make sure (2776) Rock Rails do not cover the bolt head, move assembly over so it is tight to the bolt head. (fig. 15.1 and 15.2)

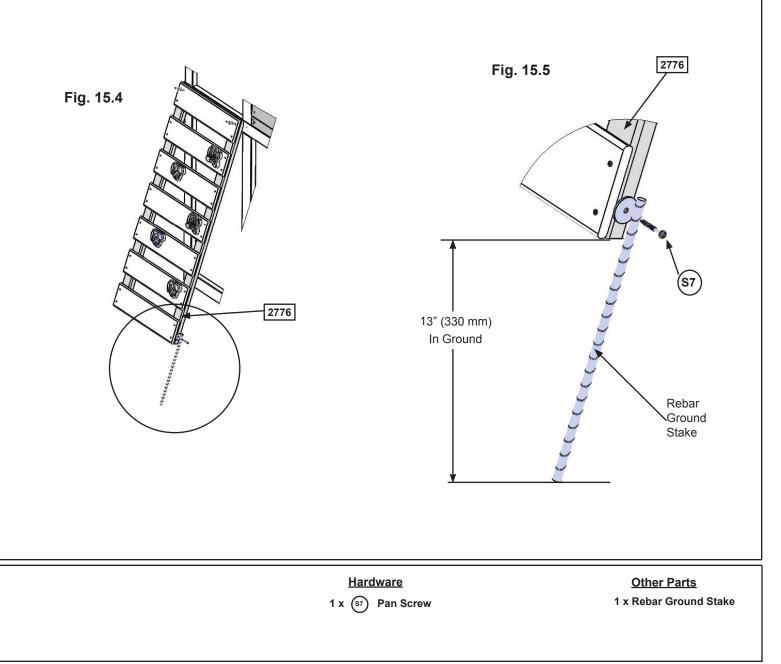


Step 15: Attach Rock Wall Assembly to Fort Part 2

C: Drive 1 Rebar Ground Stake 13" (330 mm) into the ground against outside (2776) Rock Rail then attach with 1 (S7) Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 15.4 and 15.5)

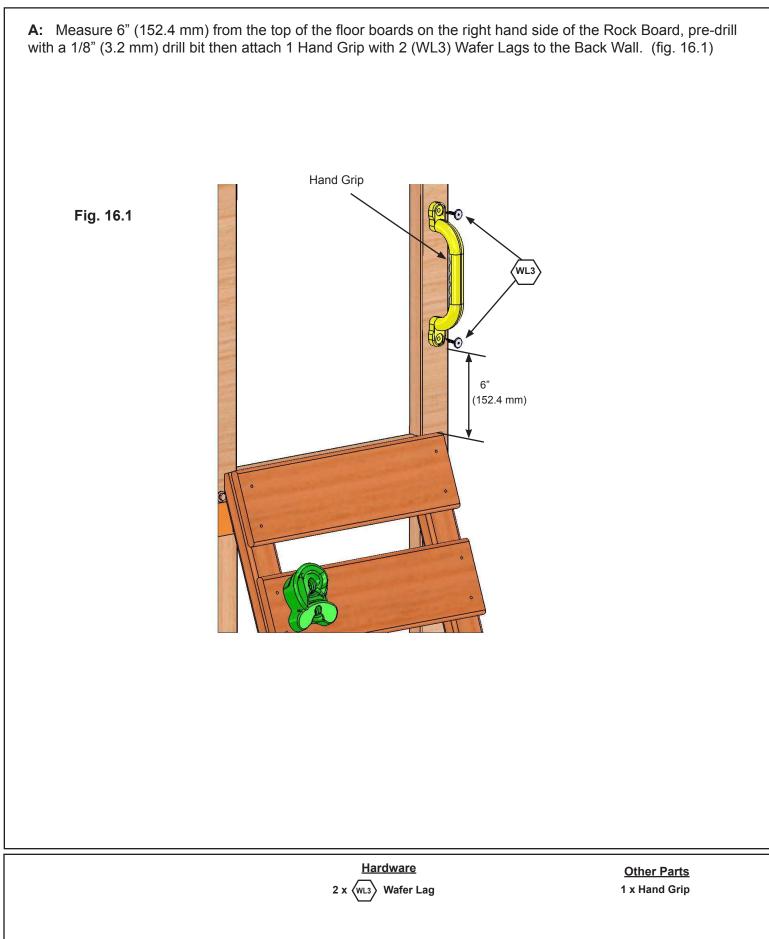
D: After driving stake into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.

AWarning! To prevent tipping and avoid potential injury, stakes must be driven 13" (330 mm) into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.



Step 16: Attach Hand Grip to Fort

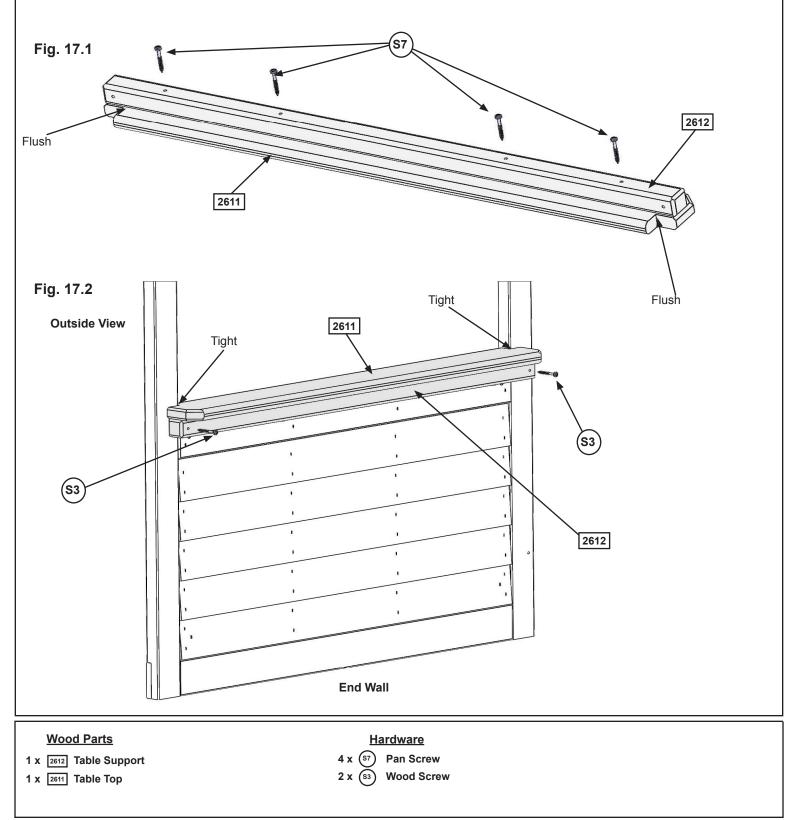




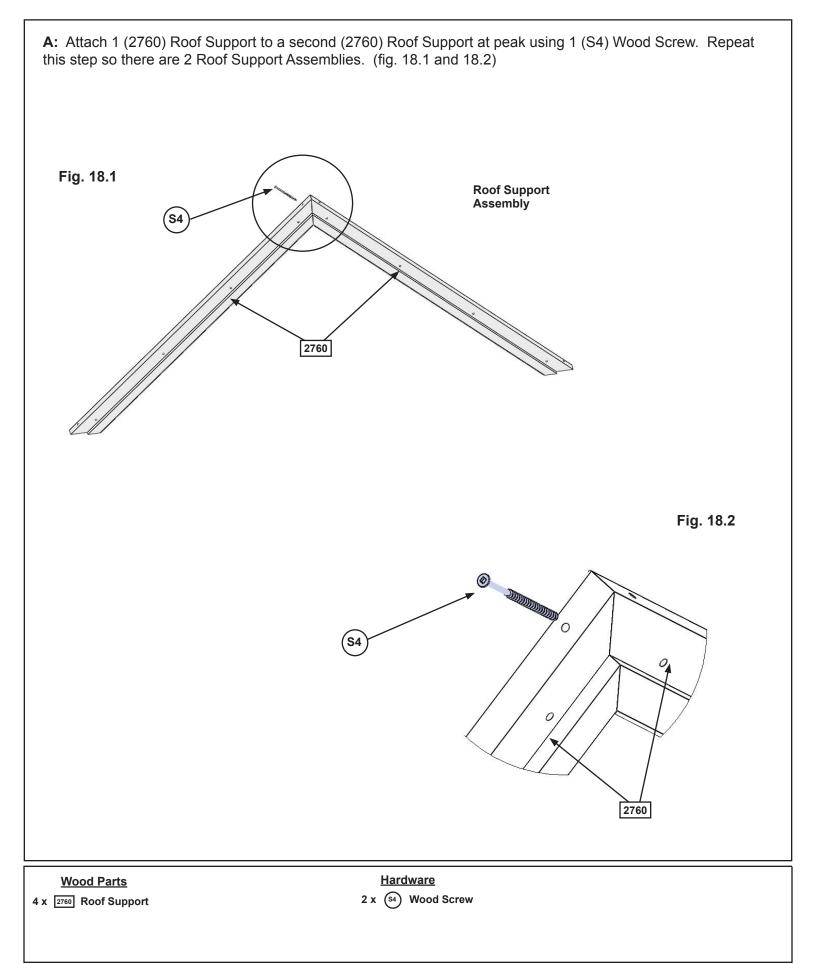
Step 17: Cafe Table Assembly

A: Place (2612) Table Support flush to the notched out ends of (2611) Table Top and attach with 4 (S7) Pan Screws as shown in fig. 17.1.

B: Place Table Top Assembly tight in the opening of End Wall with the overhang on the outside of the assembly as shown in fig. 17.2 and in the Fort Guide then attach (2612) Table Support to the End Wall posts with 2 (S3) Wood Screws.



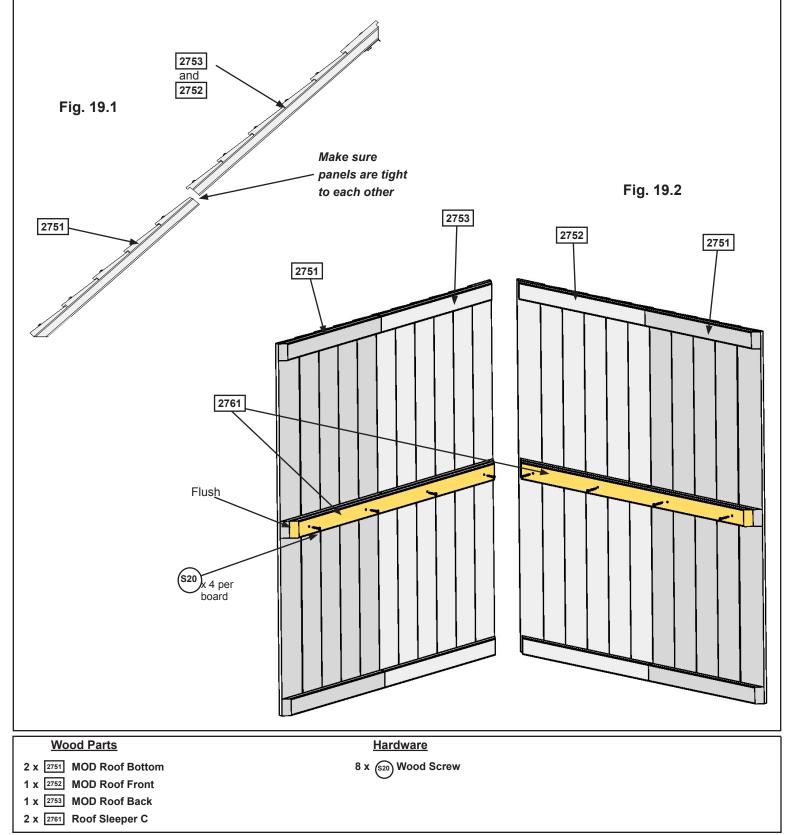
Step 18: Roof Support Assembly



Step 19: Roof Panel Assembly

A: Place 1 (2751) MOD Roof Bottom tight to the bottom of (2752) MOD Roof Front and (2753) MOD Roof Back. (fig. 19.1)

B: Place a (2761) Roof Sleeper C on the middle strip of each Roof Panel Assembly so the ends are flush and attach with 4 (S20) Wood Screws per panel. (fig. 19.2)

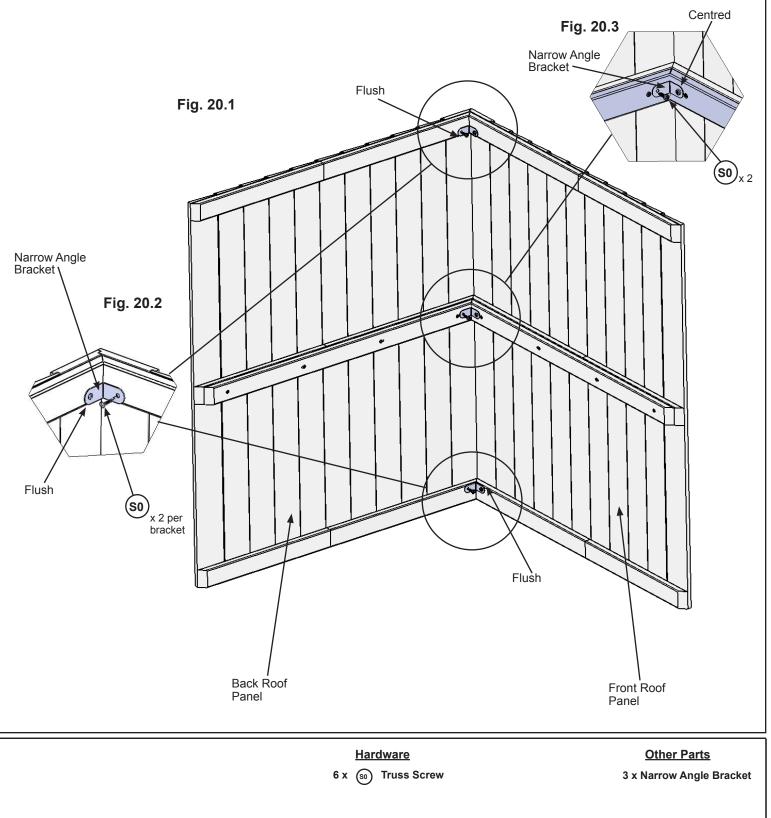


Step 20: Roof Assembly Part 1



A: Place Front Roof Panel against Back Roof Panel so the tops form a peak then tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S0) Truss Screws per bracket. (fig. 20.1 and 20.2)

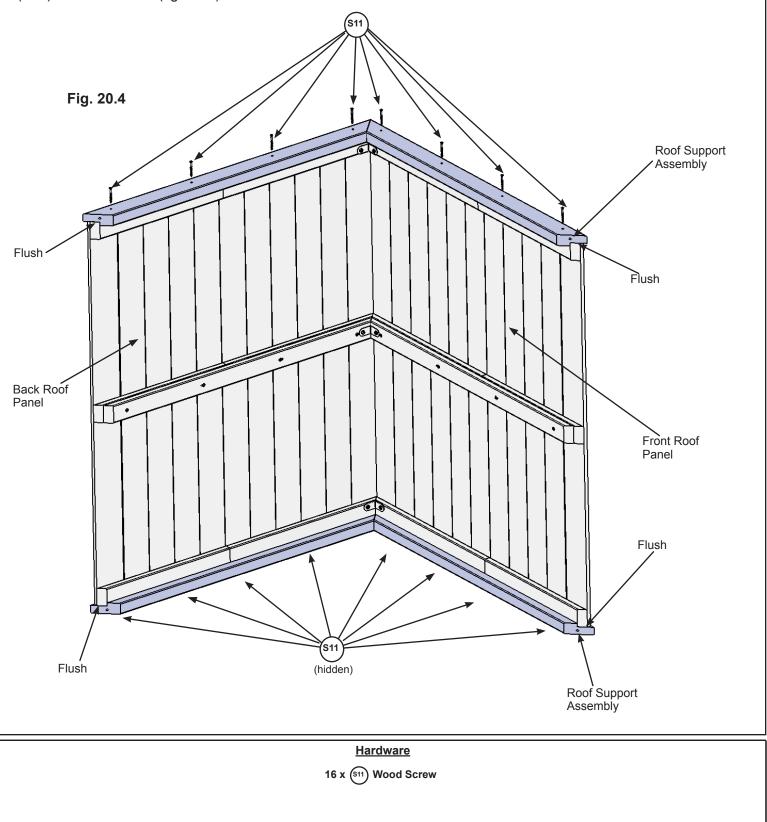
B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) Truss Screws. (fig. 20.1 and 20.3)



Step 20: Roof Assembly Part 2

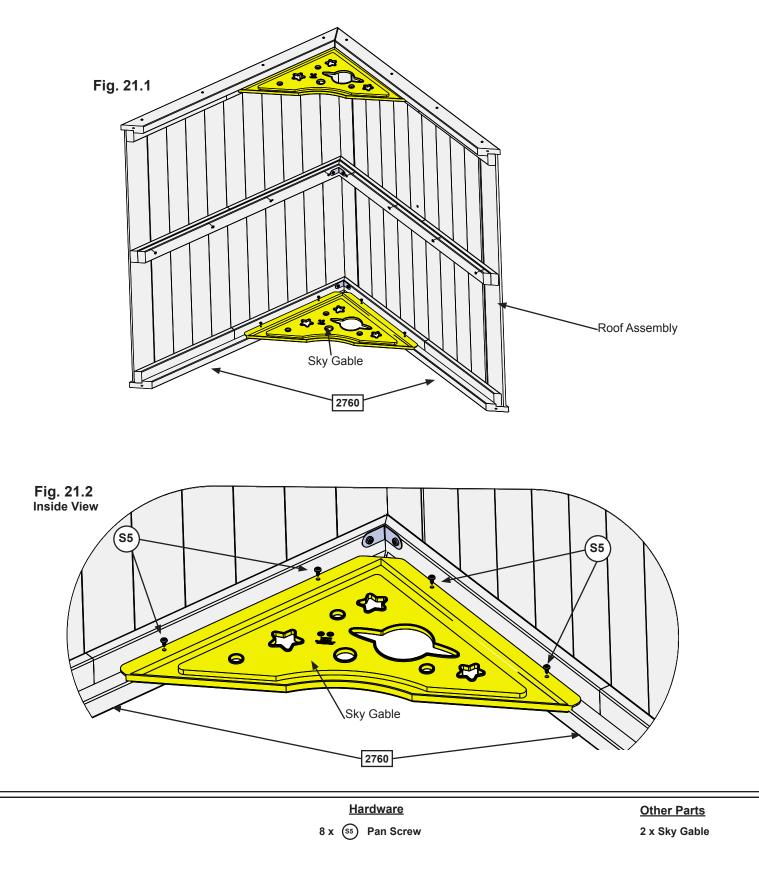
C: Place 1 Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 8 (S11) Wood Screws. (fig. 20.4)

D: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) Wood Screws. (fig. 20.4)



Step 21: Attach Sky Gable

A: Attach 1 Sky Gable to the inside of the (2760) Roof Supports on each side of the Roof Assembly with 4 (S5) Pan Screws per Sky Gable. (fig. 21.1 and 21.2)

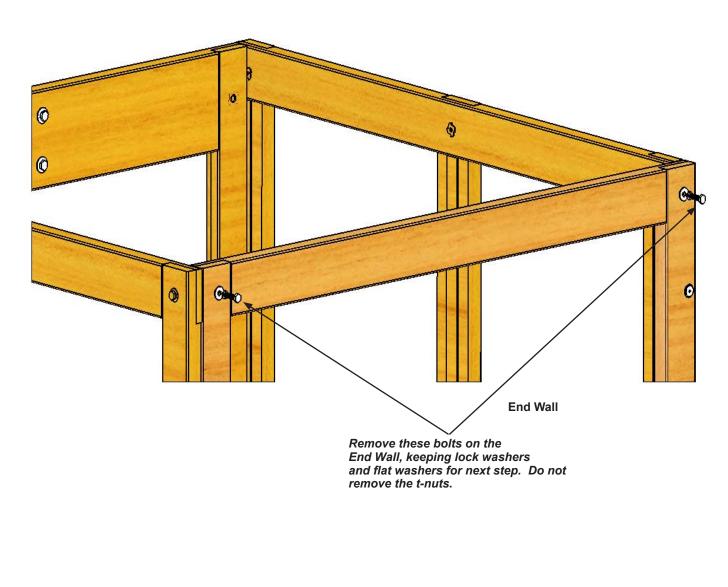


Step 22: Attach Roof Ends Part 1



A: On the End Wall remove the 2 outside (H9) Hex Bolts attached at the top of the assembly from Step 2, Part 2. Leave the (TN1) T-nuts in. The (FW1) Flat Washers and (LW1) Lock Washers will be used in Step B. (fig. 22.1)

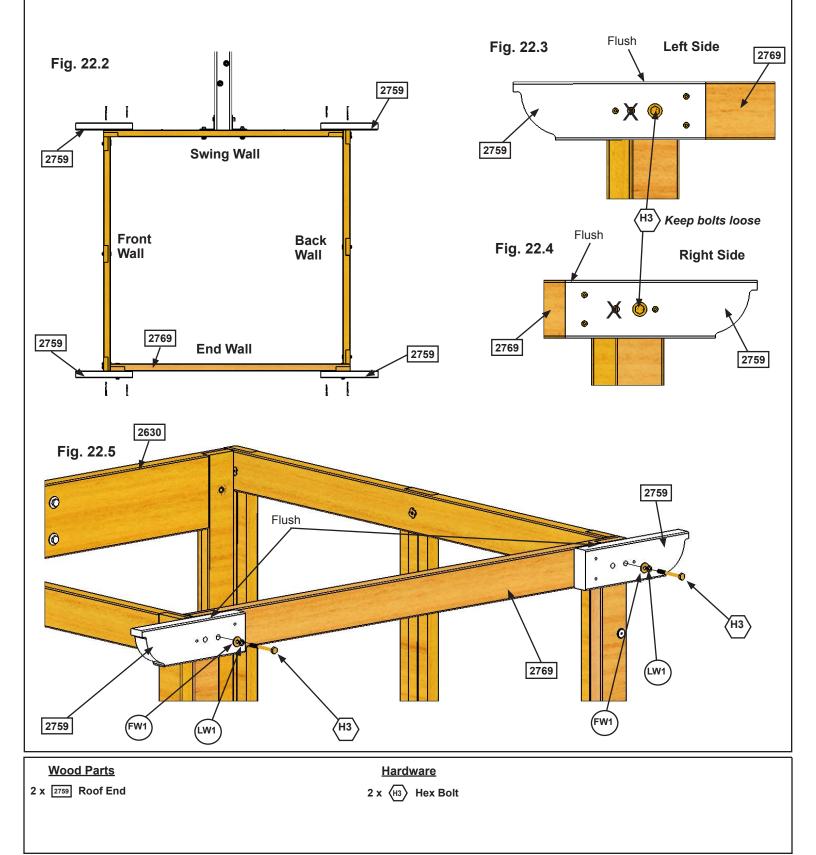
Fig. 22.1



Step 22: Attach Roof Ends Part 2



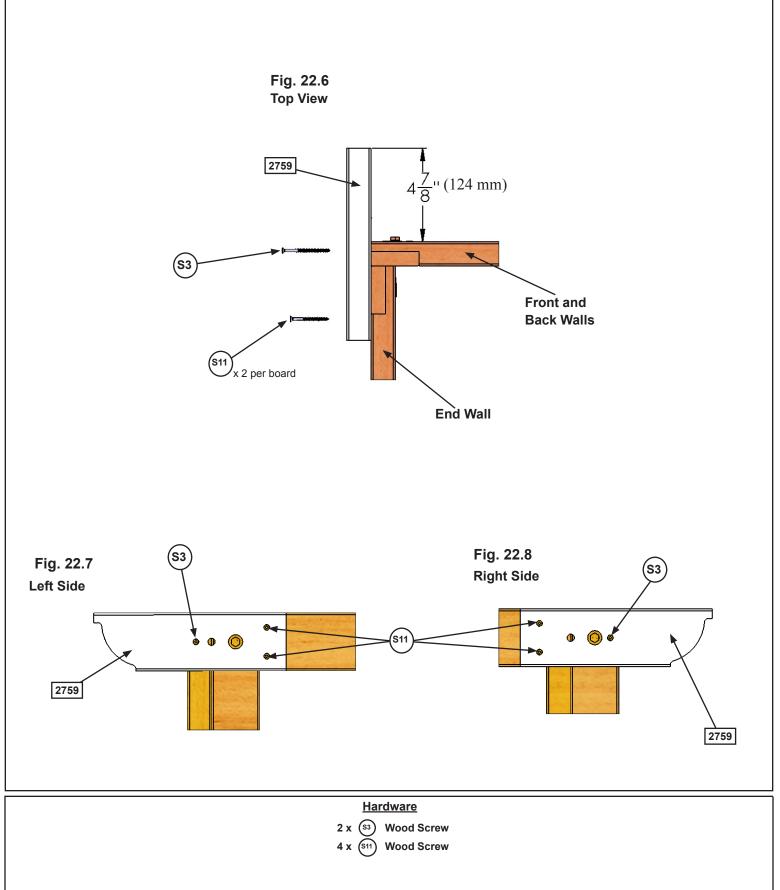
B: Loosely attach 1 (2759) Roof End to each corner, flush to the top of (2769) Panel BT Frame, with 1 (H3) Hex Bolt per board, using the (FW1) Flat Washer and (LW1) Lock Washer from Step A and connecting to the (TN1) T-nut. Notice which bolt holes are to be used. (fig. 22.2, 22.3, 22.4 and 22.5)



Step 22: Attach Roof Ends Part 3

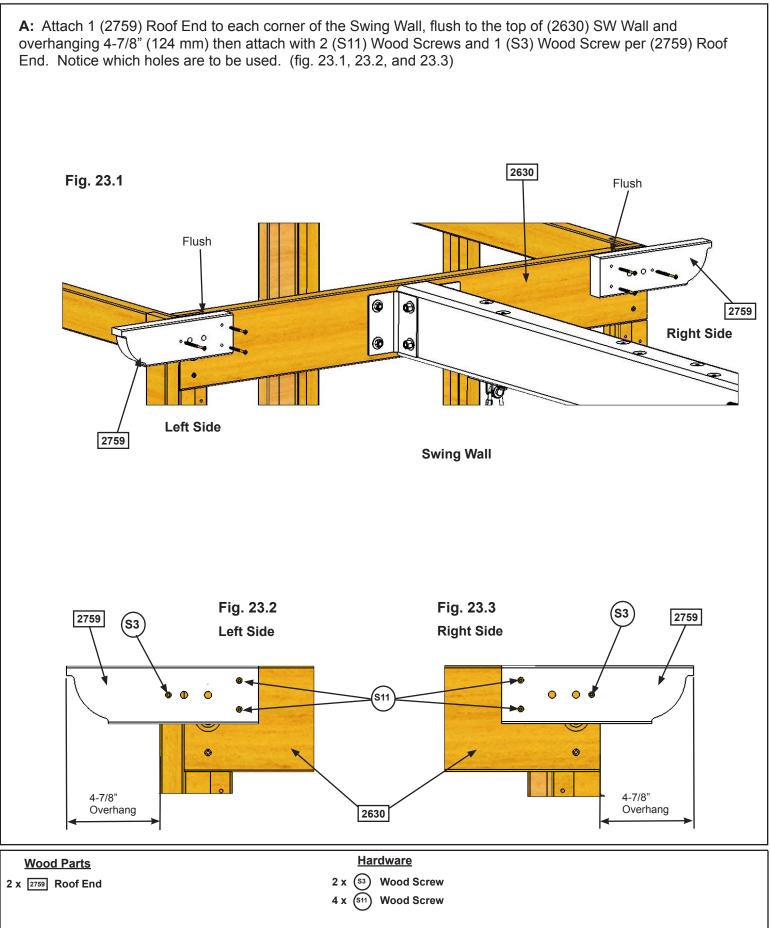


C: Measure overhang so it is 4-7/8" (124 mm) then attach with 2 (S11) Wood Screws and 1 (S3) Wood Screw per (2759) Roof End. Tighten the bolts. (fig. 22.6, 22.7 and 22.8)



Step 23: Attach Roof Ends to Swing Wall



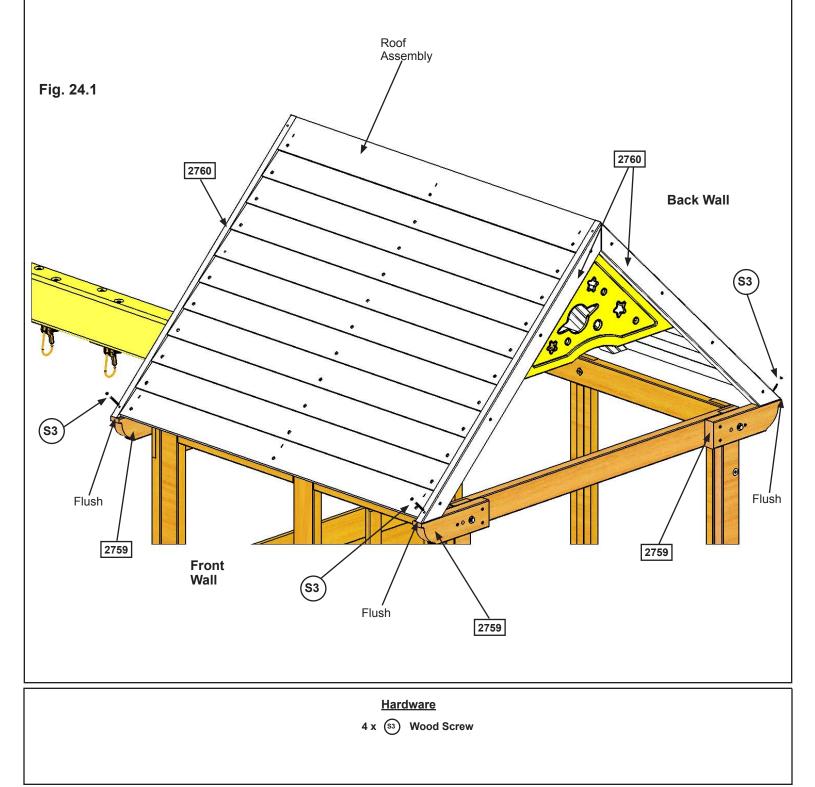


Step 24: Attach Roof Assembly to Fort

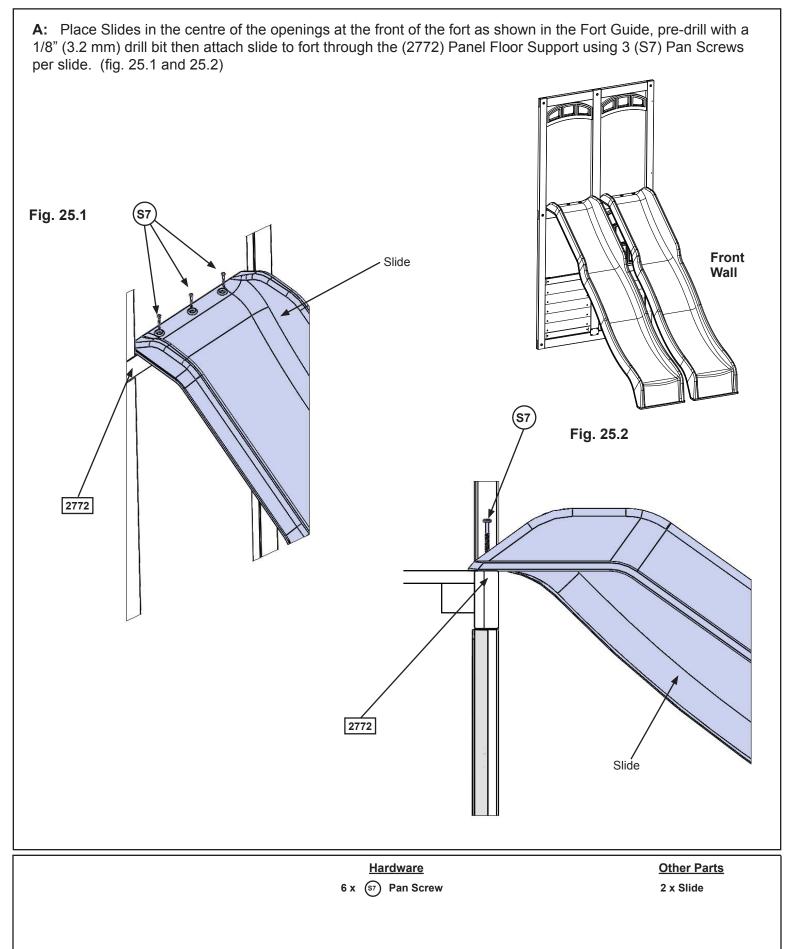


A: With 2 people on the ground and at least 1 person in the fort, lift the Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so all four (2760) Roof Supports sit flush to the front and outside edges of (2759) Roof Ends. (fig. 24.1)

B: Attach (2760) Roof Supports to (2759) Roof Ends with 1 (S3) Wood Screw per support. (fig. 24.1)



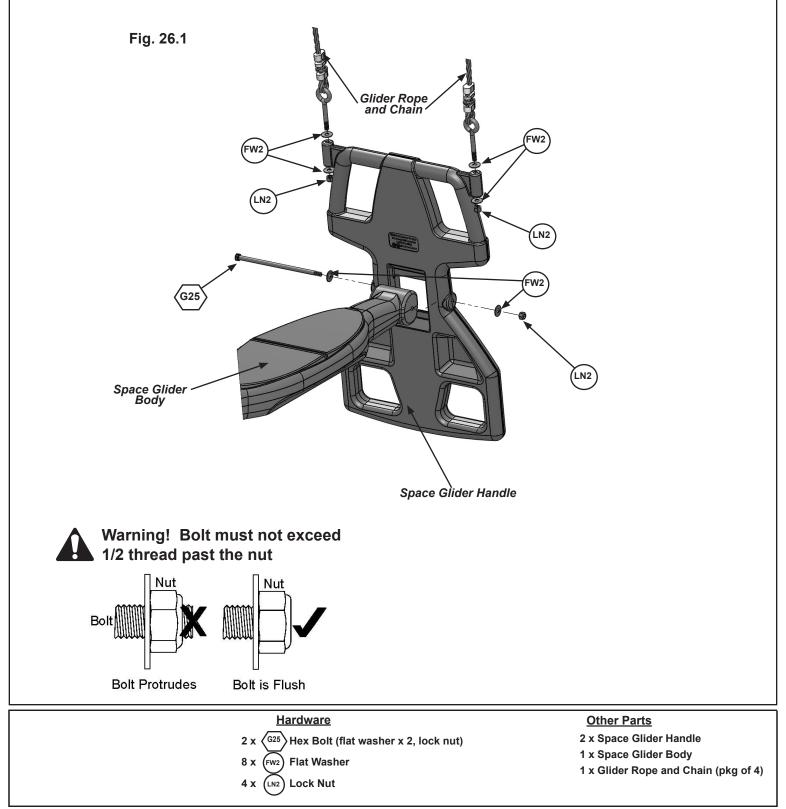




Step 26: Glider Assembly

A: Attach 1 Space Glider Handle to the Space Glider Body using 1 (G25) Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Space Glider Handle. (fig. 26.1)

B: Install 2 Glider Rope with Chains into each Space Glider Handle using 2 (FW2) Flat Washers and 1 (LN2) Lock Nut per rope. (fig. 26.1)

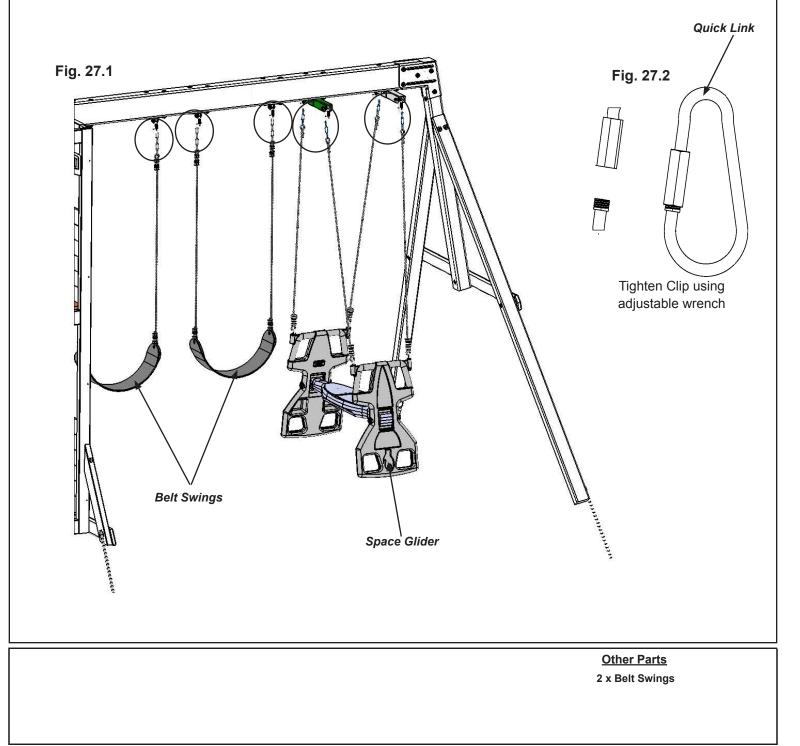


Step 27: Attach Belt Swings and Glider

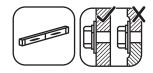
AWarning! Check entire play centre for bolts protruding beyond t-nuts. Use extra washers to eliminate this condition.

Use an extra flat washer

A: Attach 2 Belt Swings and assembled Space Glider to the hangers then tighten all Quick Links with an adjustable wrench. (fig. 27.1 and 27.2)



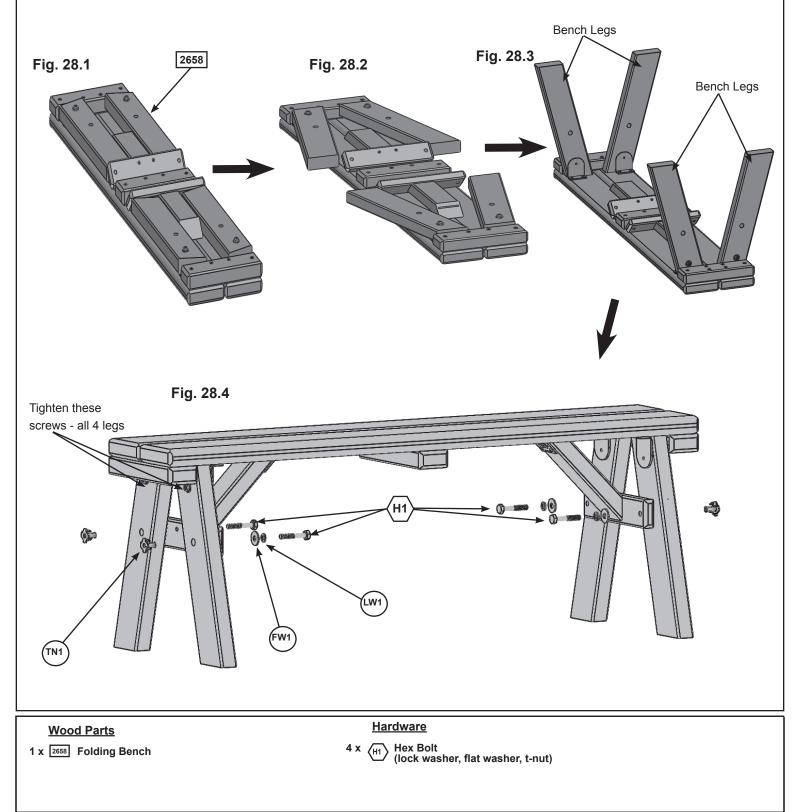
Step 28: Bench Assembly



A: Open the (2658) Folding Bench Assembly. (fig. 28.1, 28.2 and 28.3)

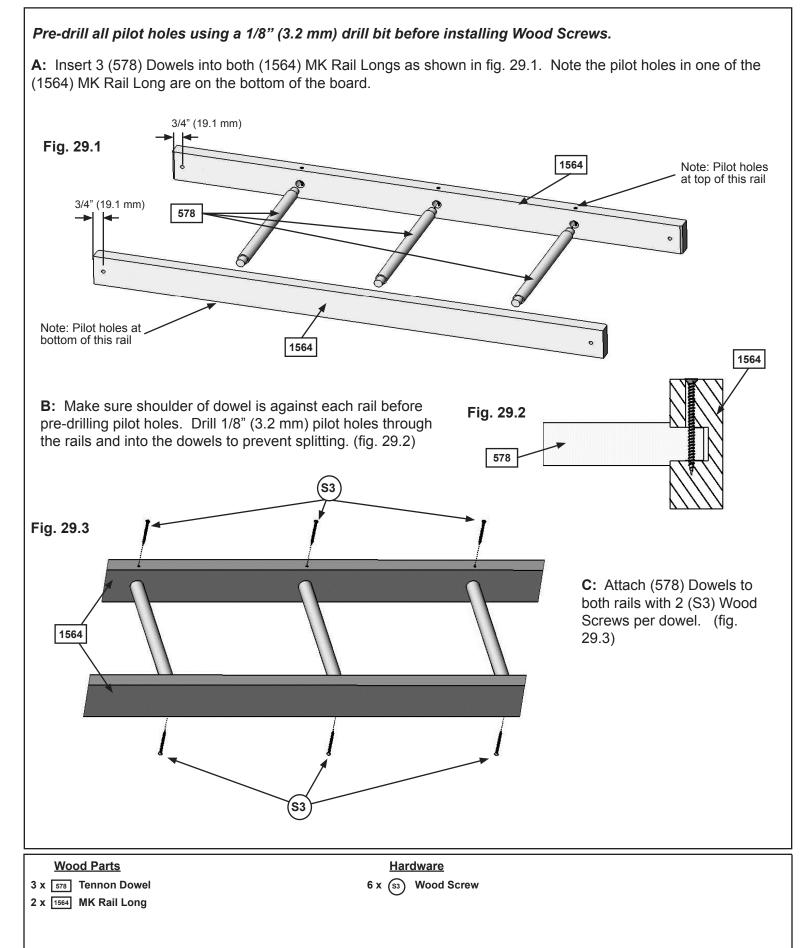
B: Make sure assembly is level then secure with 2 (H1) Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 28.4)

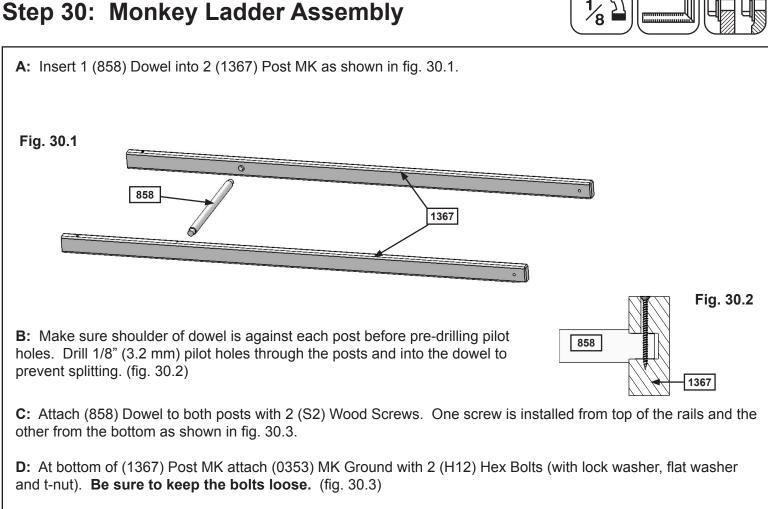
C: Tighten the top screws in all 4 Bench Legs. (fig. 28.4)



Step 29: Monkey Rail Assembly

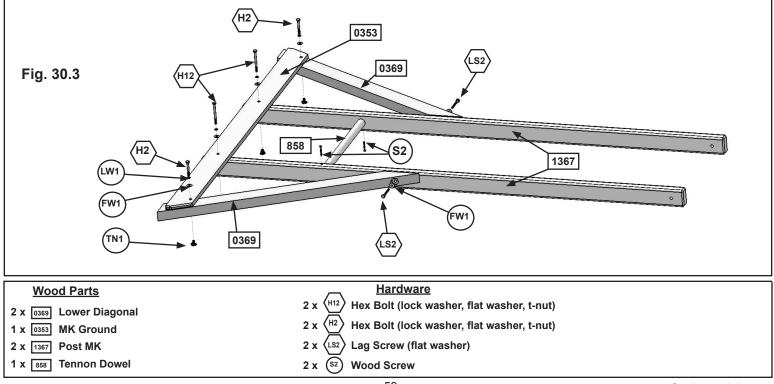






Note: Pre-drill all holes using a 1/8" (3.2 mm) drill bit before installing the lag screws.

E: Make sure the assembly is square and then attach 1 (0369) Lower Diagonal to each end of (0353) MK Ground with 1 (H2) Hex Bolt (with lock washer, flat washer and t-nut) per diagonal, keeping the bolts loose, and to each (1367) Post MK with 1 (LS2) Lag Screw (with flat washer) per diagonal. Once lag screws are installed tighten all bolts from Steps D & E. (fig. 30.3)



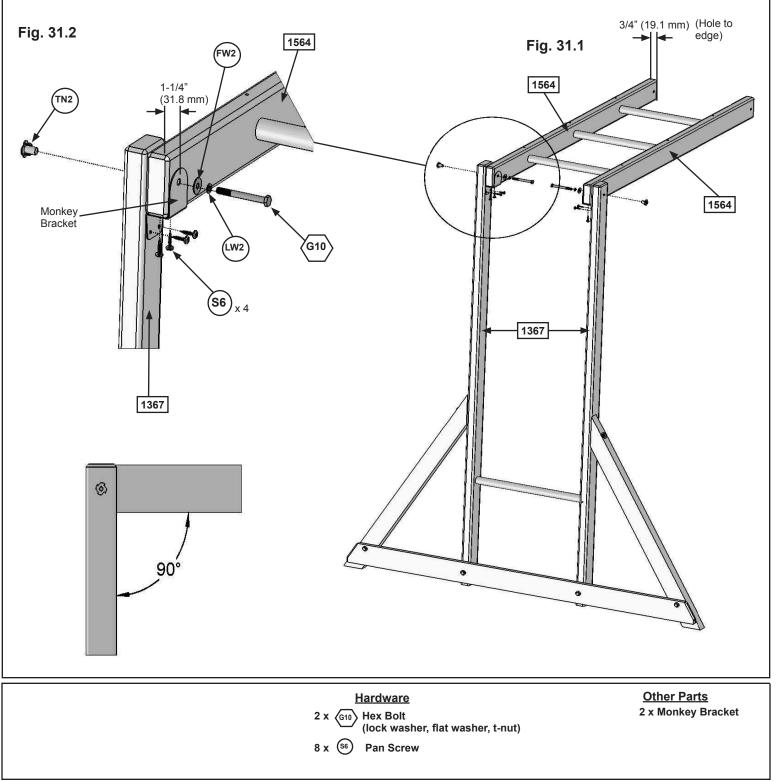
Step 31: Connect Monkey Bar Assemblies



Note: Pre-drill all holes using a 1/8" (3.2 mm) drill bit before installing the pan screws.

A: Using a Monkey Bracket connect (1564) MK Rail Longs to each (1367) Post MK with 1 (G10) Hex Bolt (with lock washer, flat washer and t-nut) per bracket and Monkey Bracket to the rails using 2 (S6) Pan Screws per rail as shown in fig. 31.1 and 31.2.

B: Attach Monkey Bracket to both (1367) Post MKs with 2 (S6) Pan Screws per bracket. (fig. 31.2)

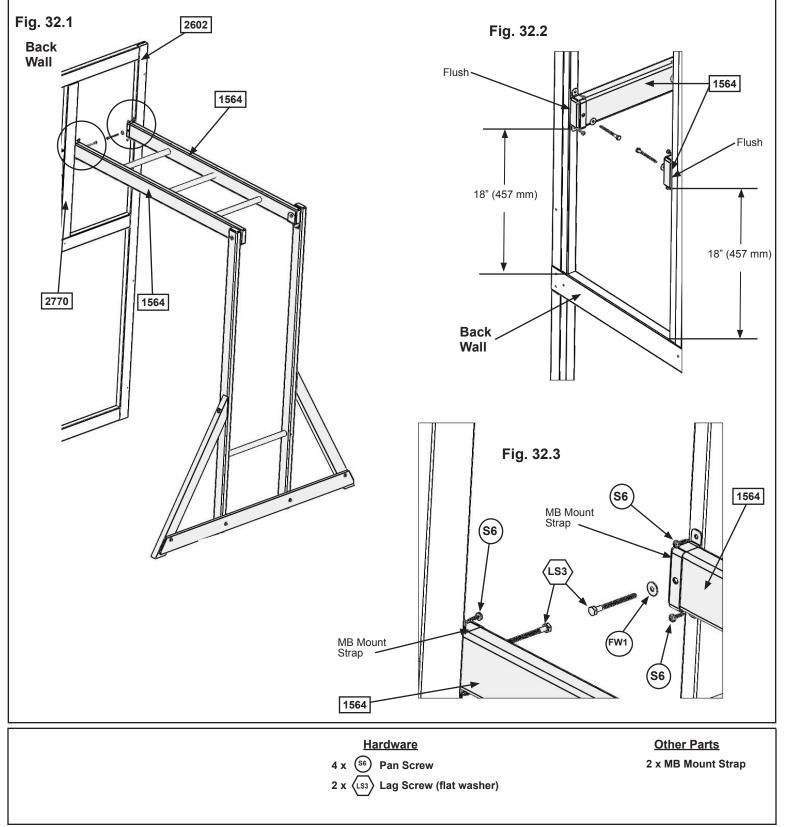


Step 32: Connect Monkey Bar Assembly to Fort



Pre-drill all pilot holes using a 1/8" (3.2 mm) drill bit before installing the lag screws.

A: In the opening in the Back Wall measure 18" (457 mm) from the bottom of the opening on both sides then with a MB Mount Strap attach both (1564) MK Rail Longs to (2770) End Post and (2602) Upper Jamb using 1 (LS3) Lag Screw (with flat washer) in the centre hole and 2 (S6) Pan Screws in the 2 end holes per bracket as shown in fig. 32.1, 32.2 and 32.3.

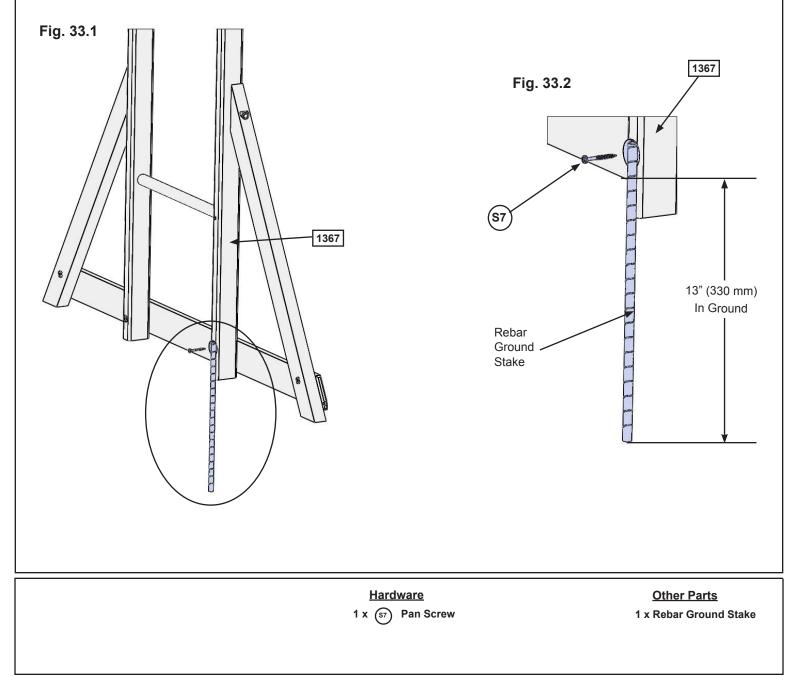


Step 33: Attach Monkey Ladder Ground Stake

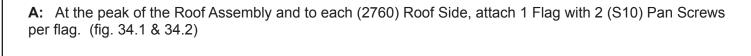
A: Drive 1 Rebar Ground Stake 13" (330 mm) into the ground against (1367) Post MK then attach with 1 (S7) Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 33.1 and 33.2)

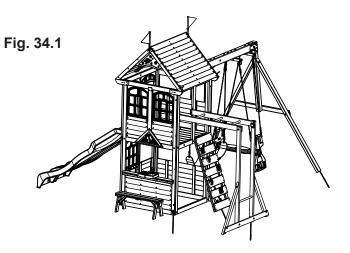
B: After driving stake into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.

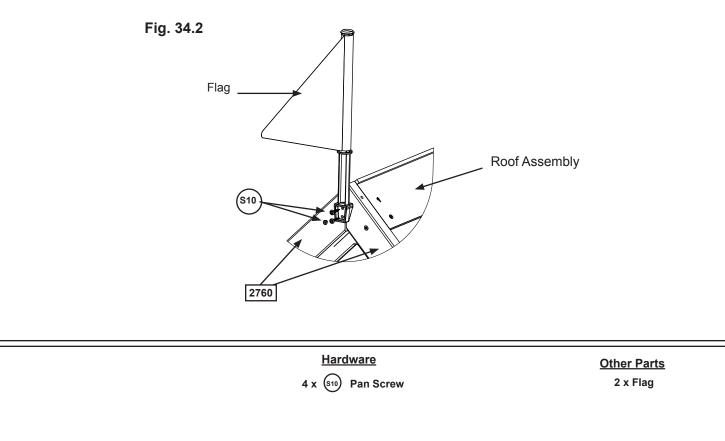
AWarning! To prevent tipping and avoid potential injury, stakes must be driven 13" (330 mm) into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.









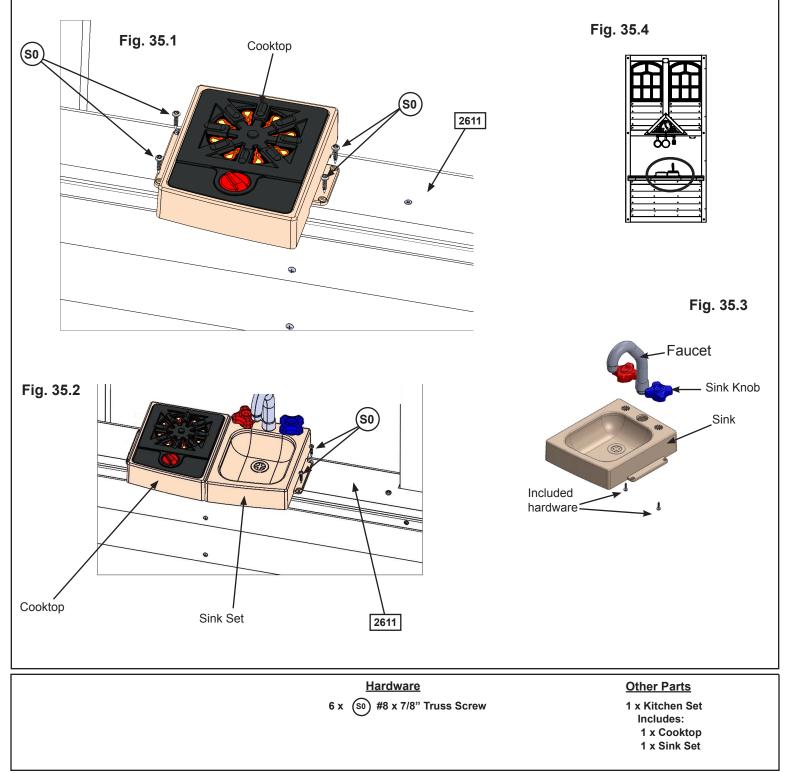


Step 35: Attach Kitchen Set and Utensil Shelf Part 1

A: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 35.3) **Important: Use a hand held screw driver and DO NOT over tighten.**

B: On the End Wall place Cooktop on (2611) Table Top then attach with 4 (S0) #8 x 7/8" Truss Screws. (fig. 35.1 and 35.4)

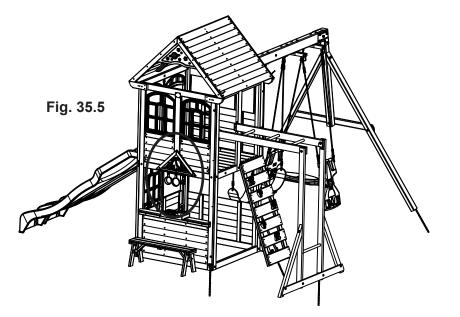
C: Tight to Cooktop place Sink Set on (2611) Table Top then attach Sink Set with 2 (S0) #8 x 7/8" Truss Screws. (fig. 35.2)

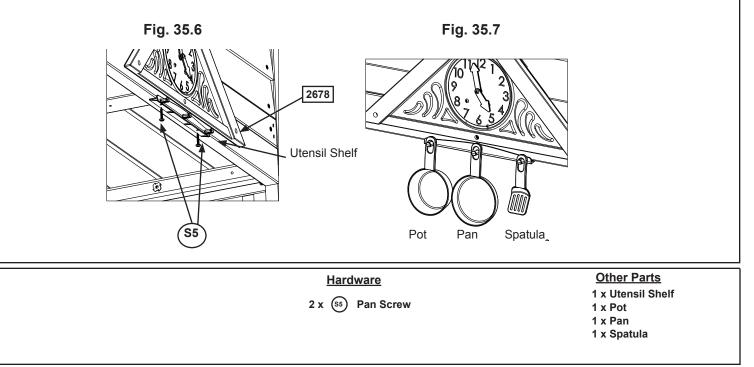


Step 35: Attach Kitchen Set and Utensil Shelf Part 2

D: Centred in the top of the opening of the End Wall above the Kitchen Set, attach Utensil Shelf with 2 (S5) Pan Screws as shown in fig. 35.5 and 35.6.

E: Attach Pot, Pan and Spatula to the Utensil Shelf. (fig. 35.7)





ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY **EQUIPMENT!**

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.



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.

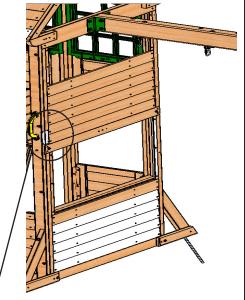
For children 3 to 10 years of age; weight limit of 110 lbs. per child. Maximum number of users, Installation & Operating Instructions; other information is available at www.cedarsummitplay.com

Contact us at: Solowave Design Corp. Buffalo, New York USA 14075 1-877-817-5682 Tracking

Number

A: Attach I.D. Plaque - Cedar Summit to a location on your set that is easily seen and read by a supervising adult using 4 (S5) #8 x 1/2" Pan Screws as shown below.

I.D. Plaque -Cedar Summit



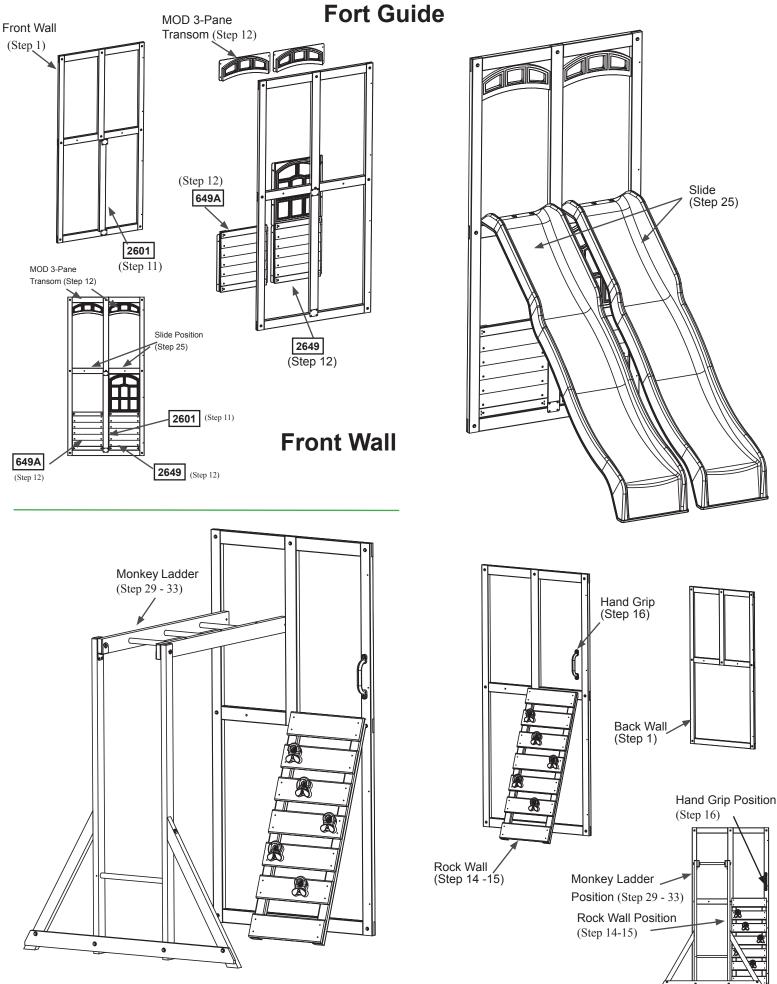
Hardware

0

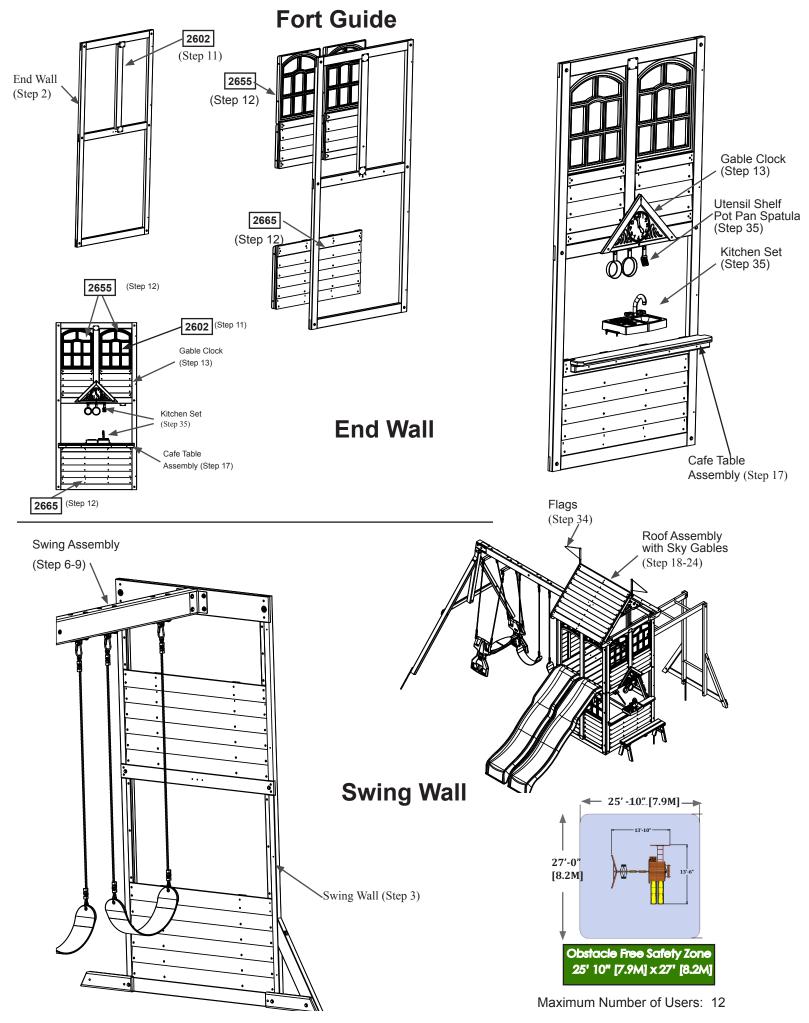
Other Parts

4 x (S5) #8 x 1/2" Pan Screw 1 x I.D. Plaque - Cedar Summit

(A))



Back Wall



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CEDAR SUMMIT Consumer Registration Card

First Name	Init	itial Last Name			
Street			Apt. No).	
City			State/Province	ZIP/Postal Code	
Country Telephone Number					
E-Mail Address					
Model Name			Model Number	(Box Labels)	
Serial Number (on ID Plaque)					
Date Purchase	Purchased From				
MM/DD/YY	ust for quality?				
How would you rate this produ		🗆 Average	Below Average	Poor	
How would you rate this product for ease of assembly?					
		Average	Below Average	Poor	
How would you rate our instru	ictions?				
Excellent	⊃Very Good	🗆 Average	Below Average	Poor	
How would you rate the quality					
Excellent	□ Very Good	Average	Below Average	Poor	
Would you recommend the put	Irchase of our products ↑ ⊃No	to friends and family	ı?		
Comments:					

MAIL TO: Solowave Design[™] 375 Sligo Road W. Mount Forest, Ontario, Canada NOG 2LO Attention: Customer Service REVISION: 11/28/12



Online Parts Replacement and Warranty Registration: www.cedarsummitplay.com/parts-center-warranty-claim/

Cedar Summit would like to say Thank You for your time and feedback.