

# F29655

## OVERLAND HEIGHTS SWING SET

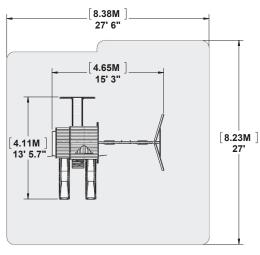
CALLY US OR GO ONLY

OBSTACLE FREE SAFETY ZONE - 27' 6" x 27' (8.38m x 8.2m) area requires Protective Surfacing. See page 4. MAXIMUM VERTICAL FALL HEIGHT - 6' 9" (2.06m).

CAPACITY - 12 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (50 kg) per child.

RESIDENTAL HOME USE ONLY. Not intended for public areas such as multi-unit residences, schools, churches, nurseries, day cares or parks.





## **INSTALLATION AND OPERATING INSTRUCTIONS**

### FOR 24/7 ONLINE PARTS REPLACEMENT

### parts.kidkraft.com

KidKraft, Inc. 4630 Olin Road Dallas, Texas 75244 USA

customerservice@kidkraft.com

1.800.933.0771 972.385.0100

### parts.kidkraft.eu

KidKraft Netherlands BV Olympisch Stadion 8 1076 DE Amsterdam The Netherlands

europe customer service @kidkraft.com

+31 20 305 8620

M-F from 09:00 to 17:30 (GMT+1)

9409655

Rev 11/24/2023







### **AWARNING**

To reduce the risk of serious injury or death, please read and follow these instructions. Keep and refer to instructions as needed and pass along to any future owners of this item.

## Congratulations on purchasing a KidKraft product!

Our items are made of high-quality, durable Cunninghamia Lanceolata wood from the cypress family.

Lumber from these trees are known for their light weight and excellent strength. The porosity of this wood allows the moisture to absorb and evaporate in the fibers, resisting rot and bugs.

Engineered for great play, our products also go through extensive testing for safety.

Plus, our team has developed a series of proprietary methods for a simpler, more organized assembly. Less build time and more play time is our motto!

However, during assembly if you have any questions or concerns, please reach out. Our Customer Service can help with missing parts, instructions or maintenance.



### **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 4 of these instructions.

#### **COLLISION HAZARD**

Place play-set on level ground at least 2m 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.

Never add extra length to chain or rope. The chains or ropes provided are the maximum length designed for the swinging element(s).



## **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.
- ✓ Orientate slide such that it gets the least amount of exposure to the sun.

- ➤ 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 (23 cm) of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet (2.45 m) high; and 9 inches (23 cm) of sand or pea gravel for equipment up to 5 feet (1.5 m) high. NOTE: An initial fill level of 12 inches (31 cm) will compress to about a 9-inch (23 cm) 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 (23 cm) depth.
- Use a minimum of 6 inches (16 cm) of protective surfacing for play equipment less than 4 feet (1.22 m) in height. If maintained properly, this should be adequate. (At depths less than 6 inches (16 cm), 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

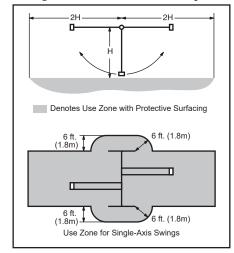
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

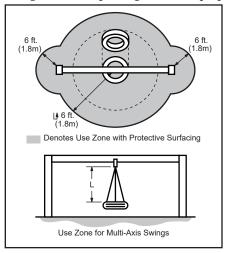
- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM 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 (1.8 m) 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 (1.8 m) 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 KidKraft 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.

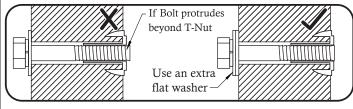
#### Check the following at the beginning of the play season:

#### 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 4)

#### **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 bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.
- ✓ 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.
- ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.

#### 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 4)

#### 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 4)

**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**

KidKraft Premium Play Systems uses only premium playset lumber, ensuring the safest product for your children's use. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

#### What causes weathering? Does it affect the strength of my Play System?

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 climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post  $4" \times 4"$  (101mm x 101mm) will experience more checking than a board  $1" \times 4"$  (25mm x 101mm) because the surface and interior moisture content will vary more widely than in

thinner wood.

- 2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
- 3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

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

At the factory we have coated the wood with a water repellent or stain. This coating decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product).

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.

### **KidKraft Limited Warranty**

#### **MISSING OR DAMAGED PARTS:**

KidKraft will replace any parts within 90 days from date of purchase found to be missing from or damaged in the original packaging. See Fig.1

Fig. 1 Product Age (All Parts) Consumer Pays

> 0-90 Days from date of purchase \$0 for Part + Free Shipping

#### **DEFECTS IN MATERIAL AND WORKMANSHIP:**

KidKraft warrants that this product is free from defects in materials and workmanship for a period of one (1) year from the original date of purchase (dated sales receipt and/or product registration is required). This one (1) year warranty covers all parts including wood, hardware, and all accessories (Such as swings, rides, and slides). See Fig. 2

Product Age (All Parts) Fig. 2 Consumer Pays

> 91 Days to 1 Year \$0 for Part + Free Shipping

#### WOOD ROT, DECAY, AND INSECT DAMAGE:

All wood carries a five (5) year warranty against rot, decay, and insect damage (dated sales receipt and/or product registration is required). Refer to the schedule below for charges associated with replacement of wood parts under this **Limited Warranty**. See Fig. 3

Fig. 3 Product Age (Wood Parts) Consumer Pays

> \$0 for Part + Free Shipping 0 Days to 1 Year After 1 Year to 5 Year \$0 for Part + Shipping & Handling

Over 5 Years 100% for Part (if available) + Shipping & Handling

This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to ensure the integrity of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty.

This Limited Warranty does NOT cover:

- Any inspection cost
- Labor and/or costs for replacement of any defective item(s), including but not limited to, professional installer costs
- Incidental or consequential damages, including but not limited to, as a result of set relocation, move and/or reinstall
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use or installation, or acts of nature, including but not limited to, high winds, fire, and flood
- Minor twisting, warping, checking, or any natural occurring properties of wood that do not affect performance or integrity.
- Any KidKraft product purchased, including but not limited to, a non-approved retailer, auction houses, second-hand, and as-is clearance items.

KidKraft products have been designed for safety and quality. Modifications made to the original product may damage the structural integrity of the unit leading to failure and possible injury. KidKraft cannot assume any responsibility for the modified products. Furthermore, modifications void all warranties.

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a KidKraft product be used in public settings such as schools, churches, playgrounds, parks, home and professional day cares and the like. Such use may lead to product failure and potential injury. Public use will void this warranty. KidKraft disclaims all other representations and warranties of any kind, express or implied.

### **Keys to Assembly Success**

#### **Tools Required**

- Tape Measure
- Carpenters Level
- Carpenters Square
- · Claw Hammer
- · Standard or Cordless Drill
- Rubber Mallet
- #1 Phillips, #2 Robertson and Screwdriver
- · Ratchet with extension 1/2" (13mm) & 7/16"(11 mm) sockets

Where this is shown, 2 or 3 people

are required to safely complete the

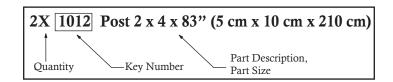
step. To avoid injury or damage

to the assembly make sure to get

- Open End Wrench 1/2" (13mm) & 7/16"(11 mm)
- Adjustable Wrench
- 1/8"(3mm) & 3/16"(5mm) Drill Bits
- 3/16"(5mm) Hex Key
- 8' (2.4m) Step Ladder
- Safety Glasses
- Adult Helpers
- Pencil

#### 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.



3mm

#### **Symbols**

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

This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.

Use

Help



Check that set or assembly is properly level before proceeding.

Use Level

Pre-drill 1/8"(3mm) & 3/16"(5mm) Bit



Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.



Measure

Use

Help

Distance



Check that assembly is square before tightening bolts.

help!

Use a measuring tape to assure proper location.



Square

This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.



Tighten



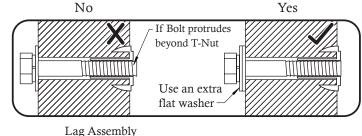
### **CAUTION – Protrusion Hazard**

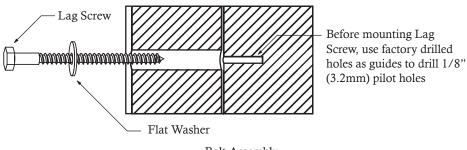
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

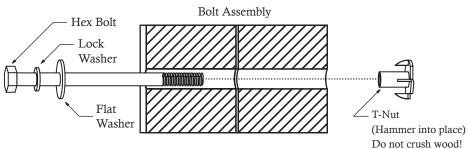
Proper Hardware Assembly Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

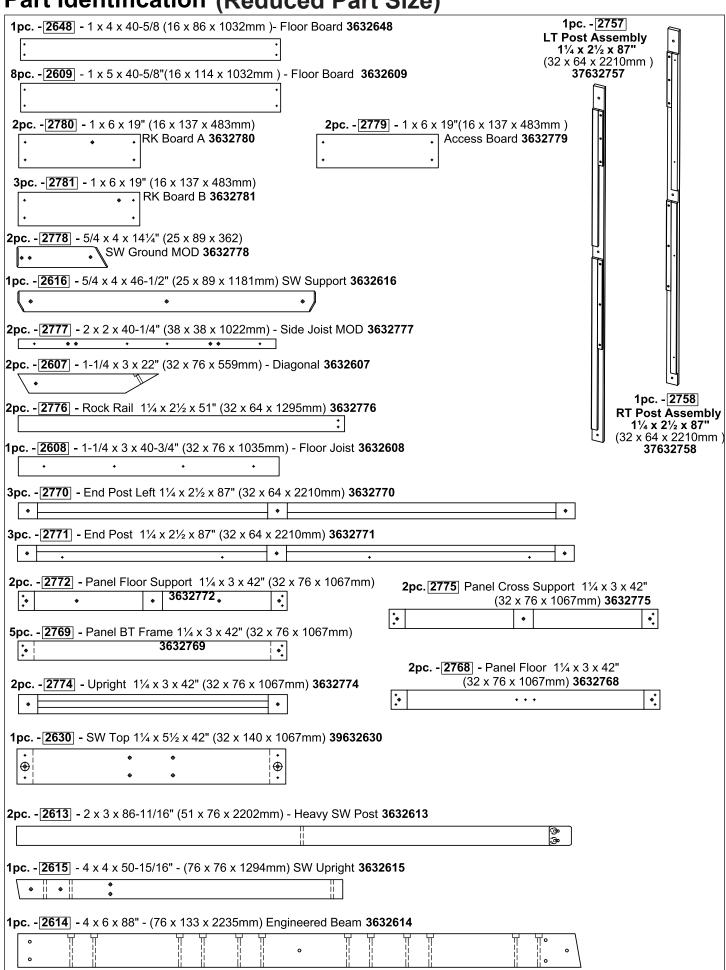
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" (8mm) is slightly larger than 1/4" (6.4mm).

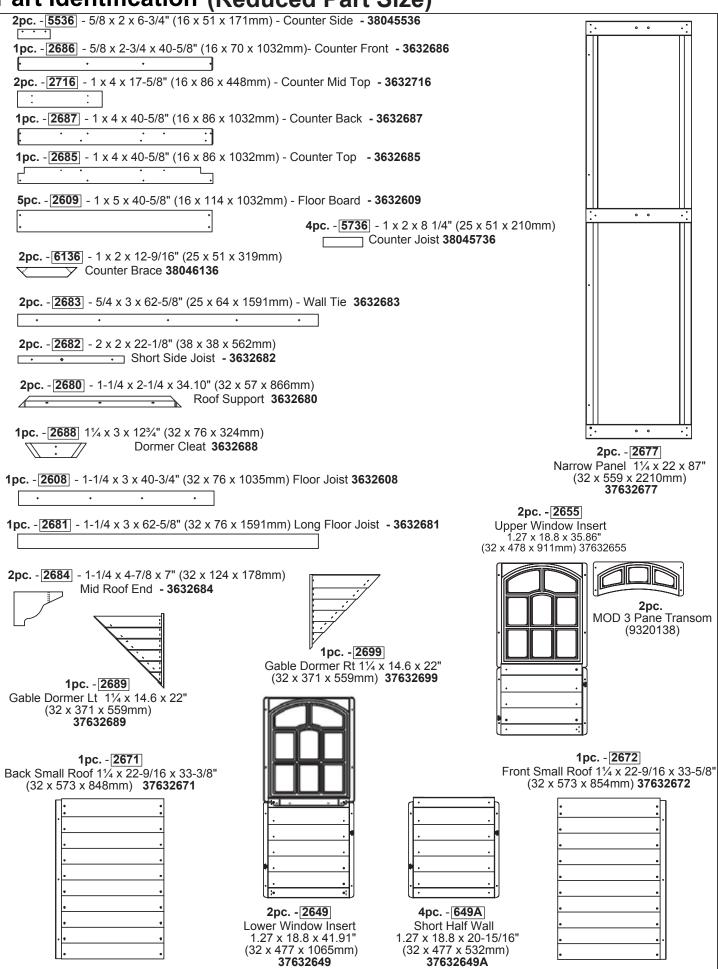
Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.

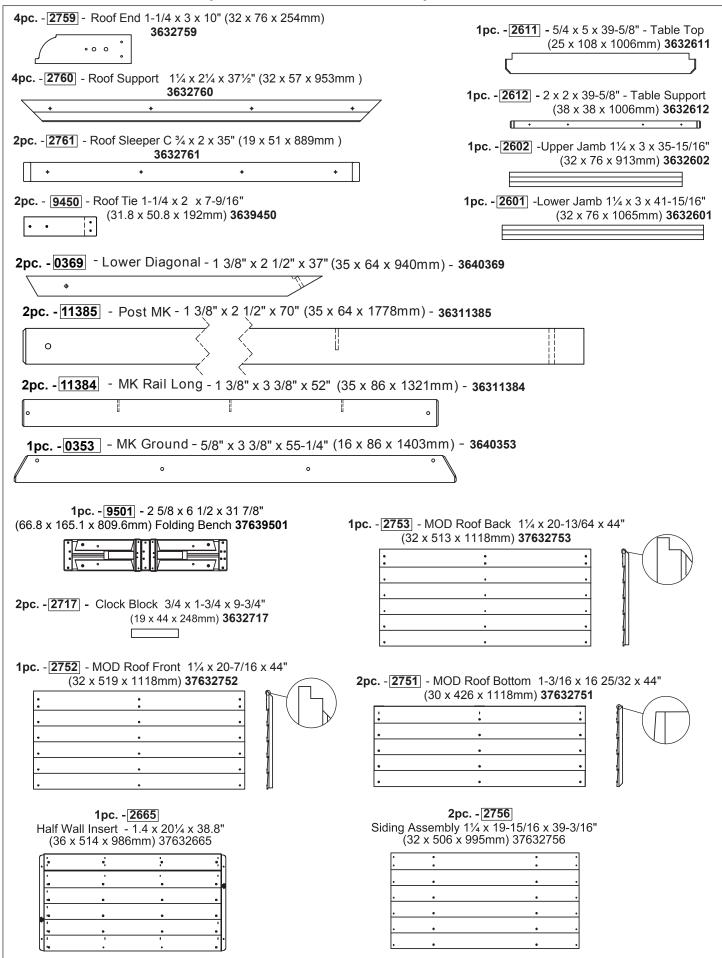


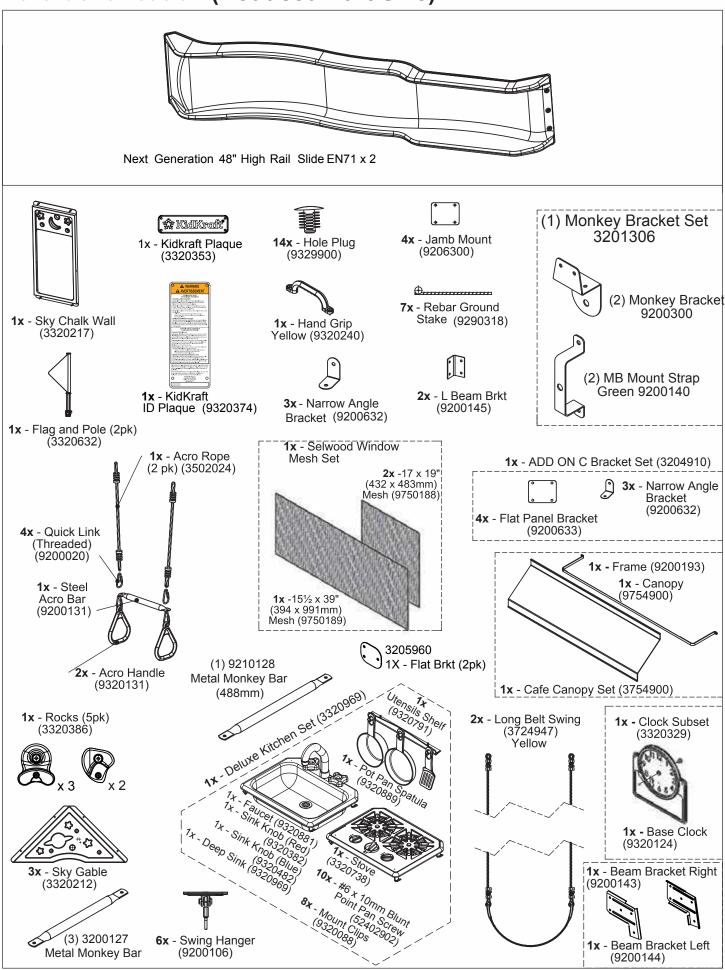




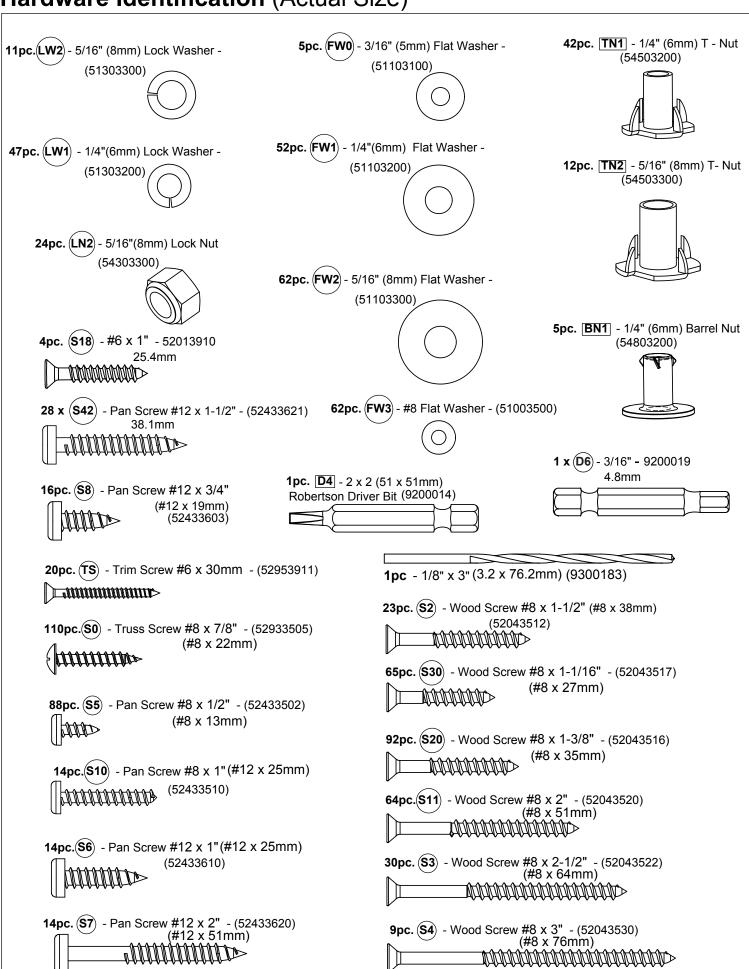




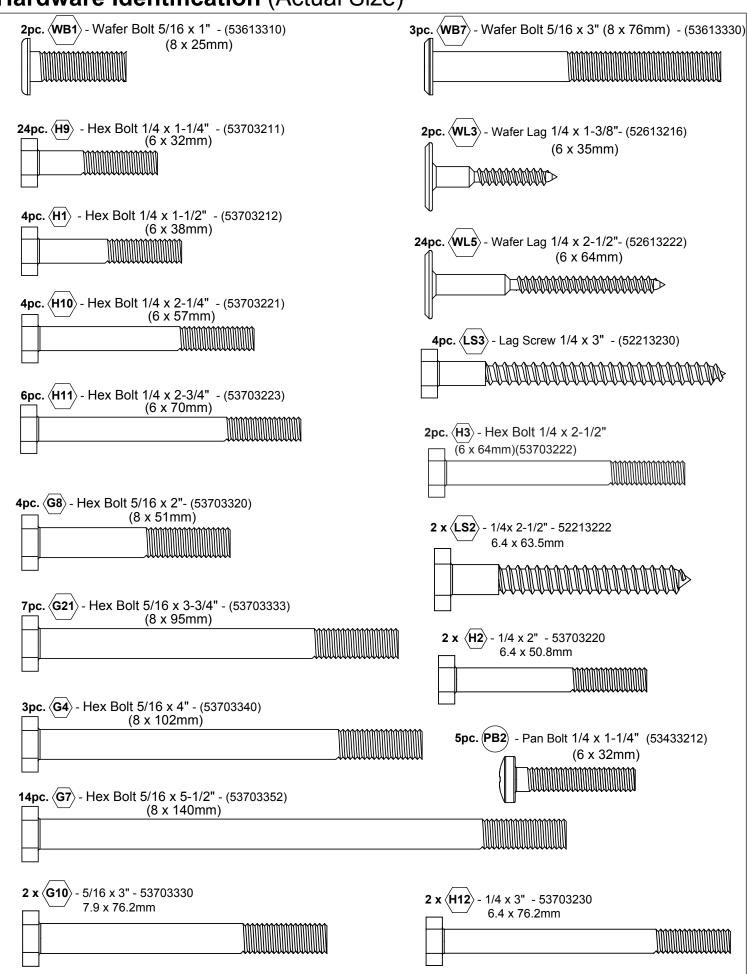




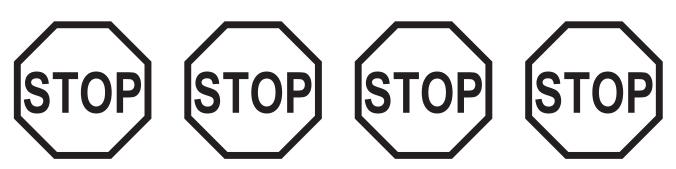
### Hardware Identification (Actual Size)



Hardware Identification (Actual Size)

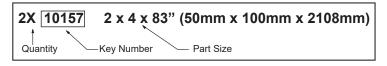


### **Inventory Parts - Read This Before Starting Assembly**



Inventory should be completed before starting installation. KidKraft will not cover costs of any additional installation trip due to missing or damaged pieces.

- **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.



**B.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 8.

If there are missing or damaged pieces, please contact the KidKraft Consumer Engagement team before going back to the retailer.

## **Order Replacement Parts 24/7**

You can order replacement parts for this product 24 hours a day / 7 days a week:

Outdoor Swingsets and Playhouse Parts Ordering <a href="https://parts.kidkraft.com/partsorderemail">https://parts.kidkraft.com/partsorderemail</a>

If you have assembly or product questions, please refer to the front cover for direct contact information for our Consumer Engagement team OR you can also use this QR code with your smartphone for common questions and contact information.

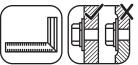


KidKraft Help Center https://kidkraft.zendesk.com/hc/en-us/

## **Step 1: Front and Back Wall Prep Part 1**





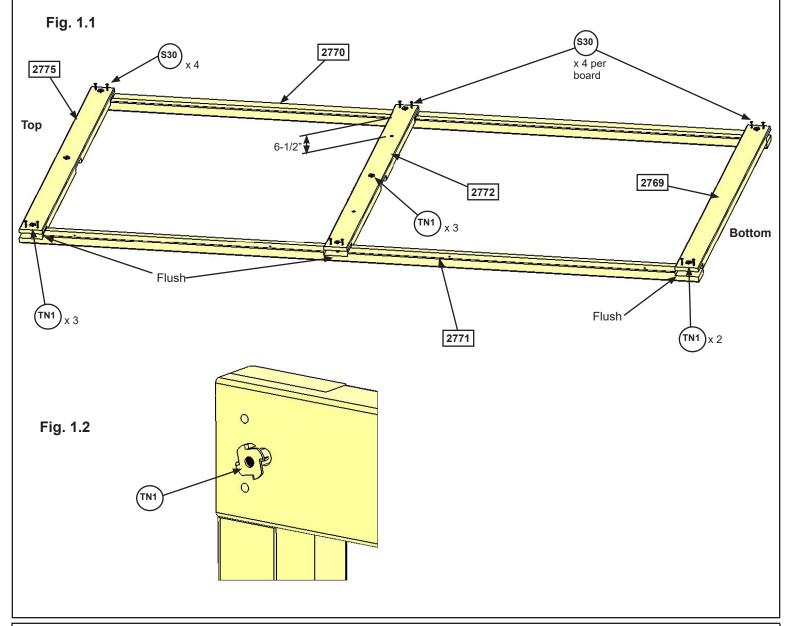


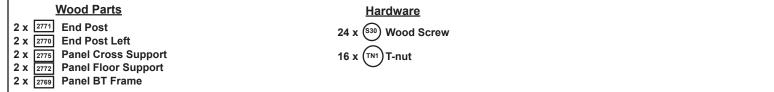
It is important to assemble the frame on a flat, smooth surface.

**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 so the pilot hole closest to (2770) End Post Left is 6-1/2" from inside the post and (2769) Panel BT Frame in the bottom grooves. (fig. 1.1).

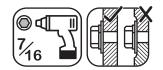
B: Make sure assembly is square then attach with 4 (S30) Wood Screws per board. (fig. 1.1)

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**



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

**D:** Turn the assembly over, place (2774) Upright in the middle groves 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)

**E:** Repeat steps A-D for a second assembly.

Fig. 1.3

2771

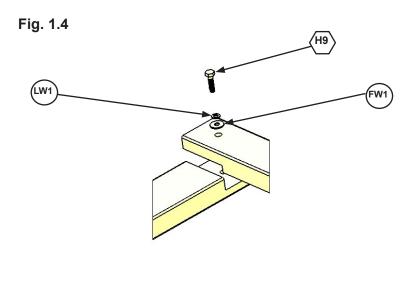
H9

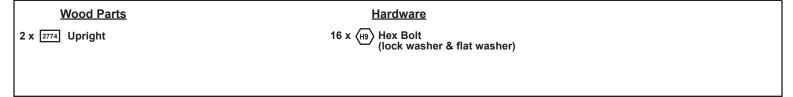
x 3

2772

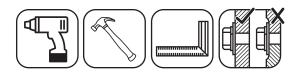
2770

Flush





### Step 2: End Wall Prep Part 1



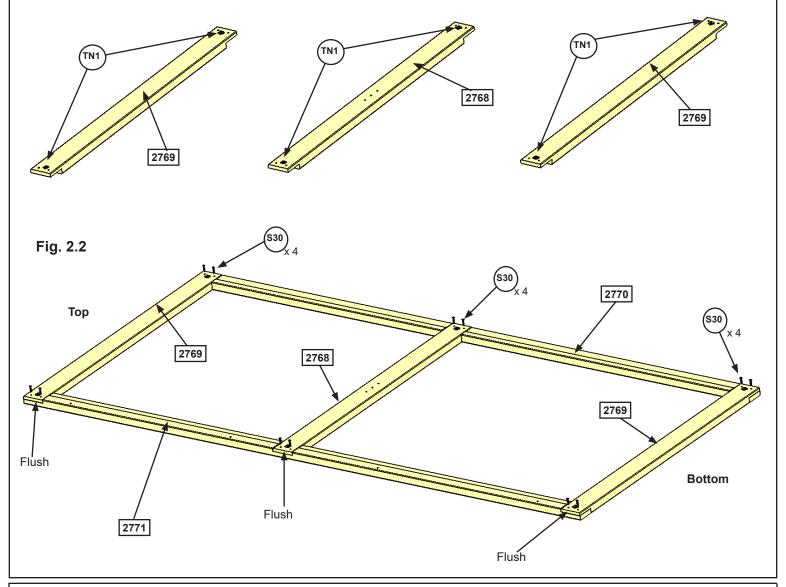
It is important to assemble the frame on a flat, smooth surface.

**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



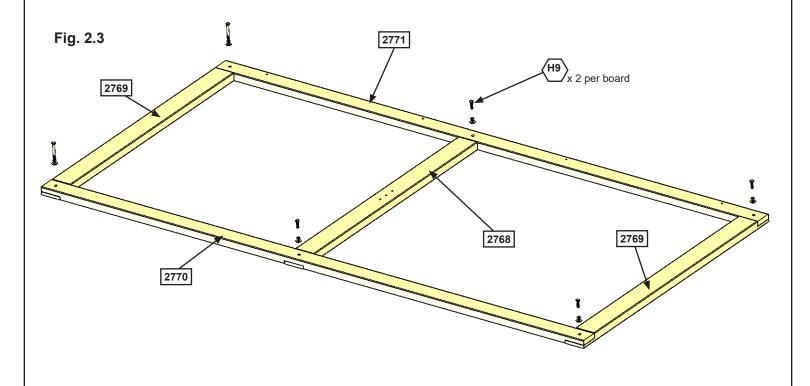


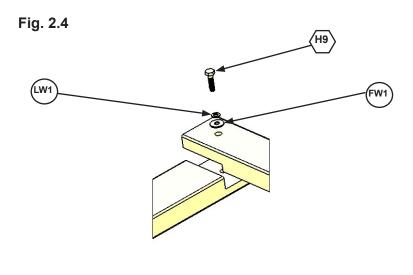
## Step 2: End Wall Prep Part 2



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)





#### **Hardware**

6 х (нэ) H

Hex Bolt (lock washer & flat washer)

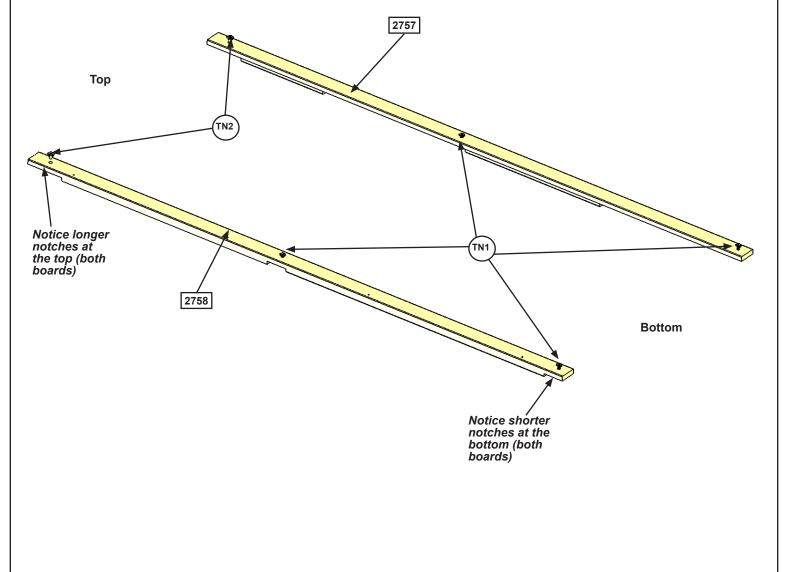


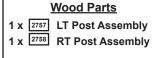
It is important to assemble the frame on a flat, smooth surface.

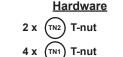
**A:** Place (2757) LT Post Assembly and (2758) RT Post Assembly on a hard, flat surface with the notches facing down. The top of the post assemblies have the longer notches. (fig. 3.1)

**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







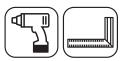
2 x 2756 Siding Assembly

**SW Top** 

Panel Floor Panel BT Frame

1 x 2630 1 x 2768

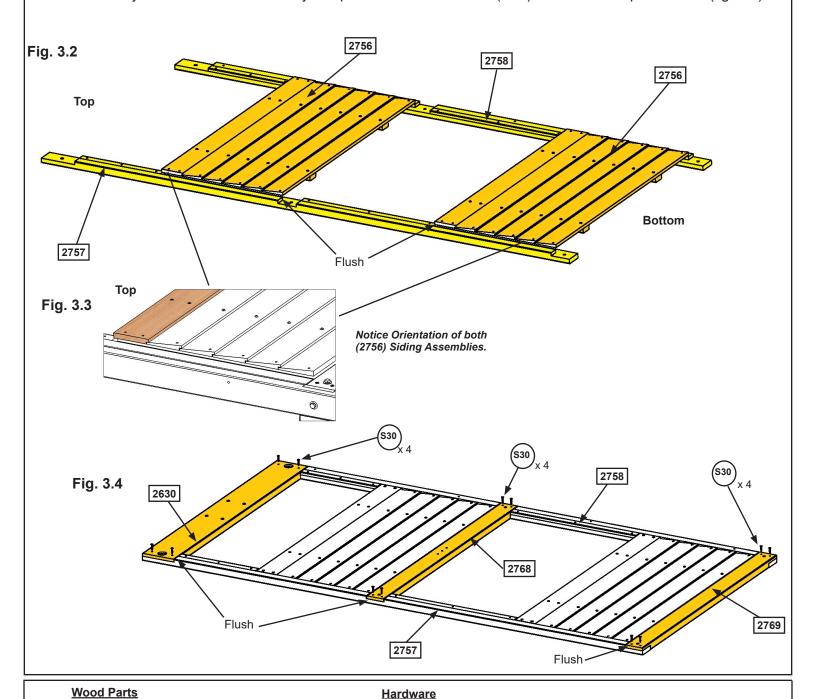
1 x 2769



#### 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).



12 x (S30) Wood Screw



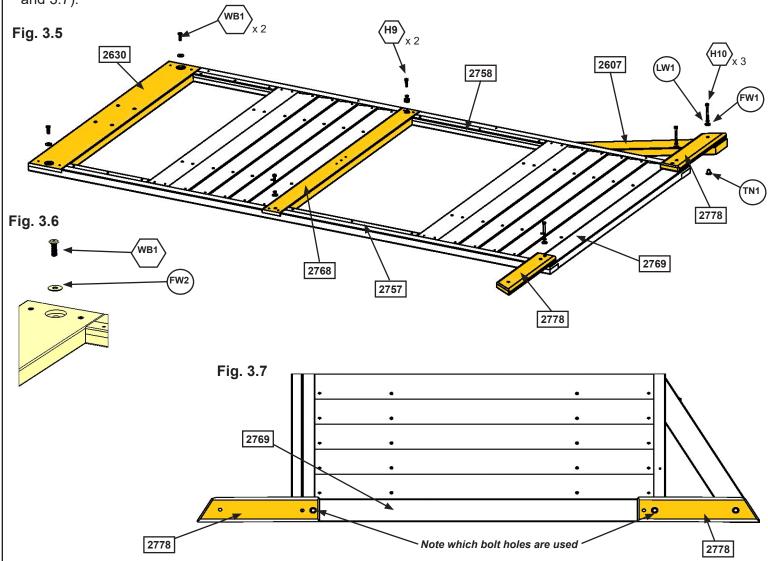
It is important to assemble the frame on a flat, smooth surface.

**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).

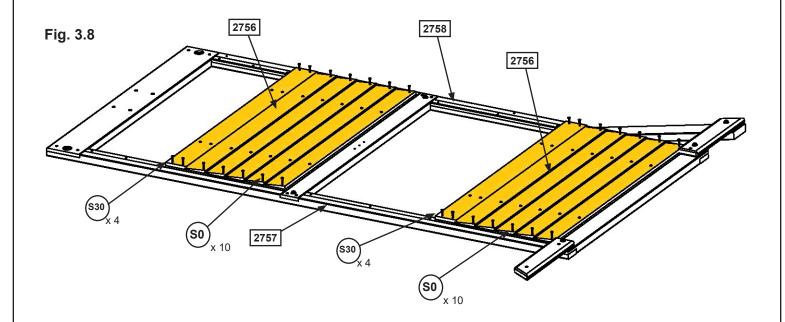
**H:** Place 1 (2607) Diagonal under (2778) SW Ground MOD on the right hand side so the top sits against (2758) RT Post Assembly and loosely attach with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 3.5 and 3.7).

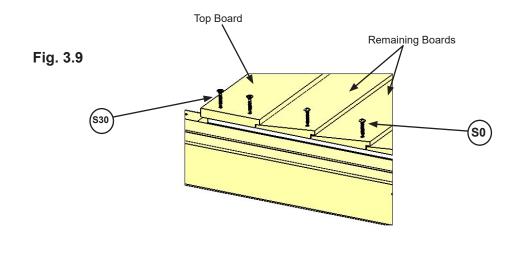




#### It is important to assemble the frame on a flat, smooth surface.

- **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 an 3.9)

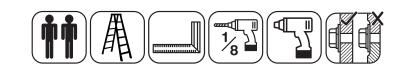




#### **Hardware**

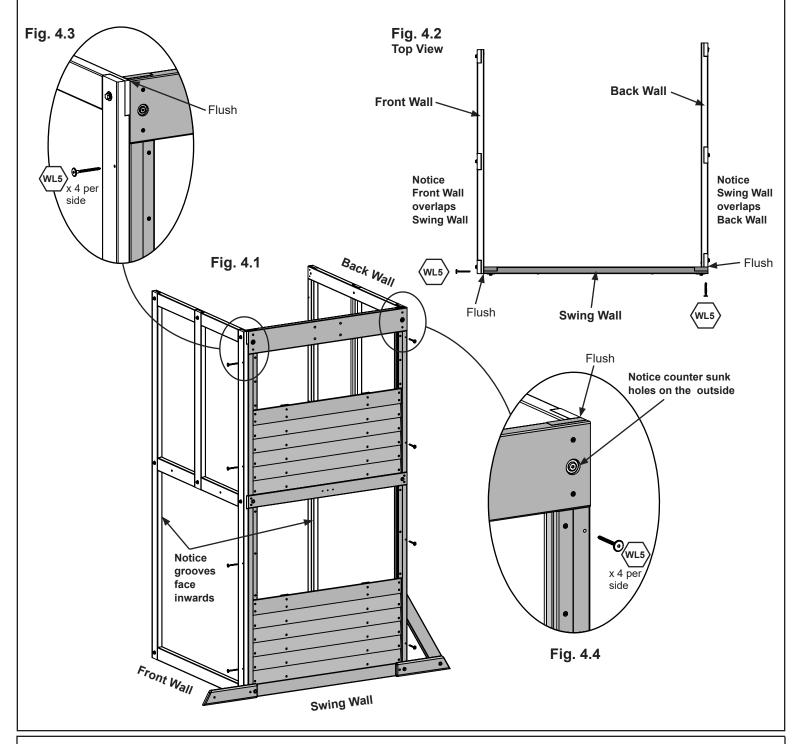
8 x (S30) Wood Screw

20 x (so) Truss Screw

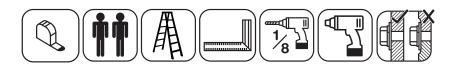


#### It is important to assemble the frame on a flat, smooth surface.

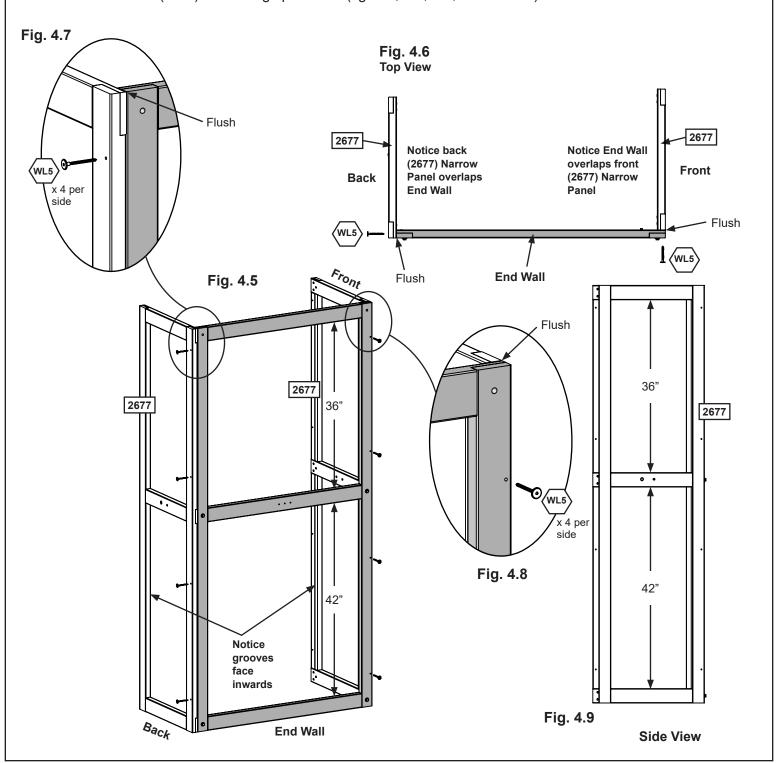
**A:** Place Swing Wall from Step 3 between 2 Front and Back Walls from Step 1, noticing the wall orientations. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 1/8" (3.2 mm) drill bit and fasten the Front Wall to the Swing Wall and Swing Wall to the Back Wall with 4 (WL5) Wafer Lags per side. (fig. 4.1, 4.2, 4.3 and 4.4)

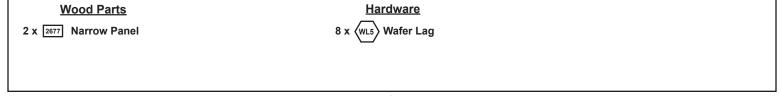


Hardware
8 x WL5 Wafer Lag

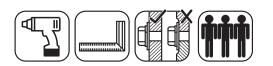


**B:** Place End Wall between 2 (2677) Narrow Panels noticing the panel orientations. The tops and bottoms of the panels should be flush. Make sure the panels are square then using the pilot holes as a guide pre-drill with a 1/8" (3.2 mm) drill bit and fasten the back (2677) Narrow Panel to End Wall and End Wall to the front (2677) Narrow Panel with 4 (WL5) Wafer Lags per side. (fig. 4.5, 4.6, 4.7, 4.8 and 4.9)



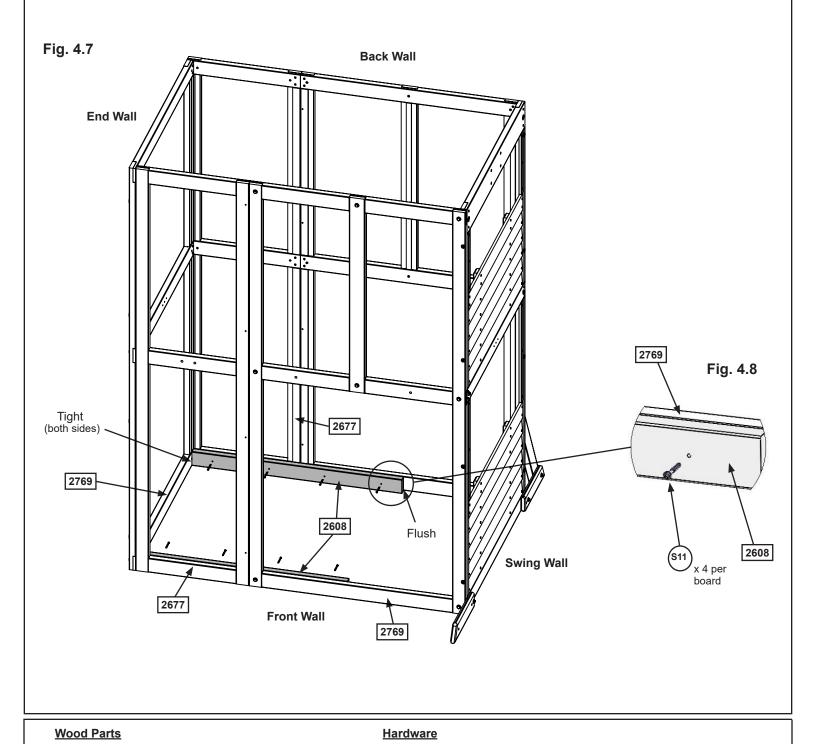


2 x 2608 Floor Joist



**C:** With at least two helpers lift the two wall assemblies so the Front and Back Walls meet and are tight to the (2677) Narrow Panels as shown in fig. 4.7.

**D:** Make sure the assembly is square then on the inside of the assembly, tight to (2769) Panel BT Frame on the End Wall and flush to the bottom attach 1 (2608) Floor Joist to (2677) Narrow Panel and (2769) Panel BT Frame on the front and back walls with 4 (S11) Wood Screws per board. (fig. 4.7 and 4.8)



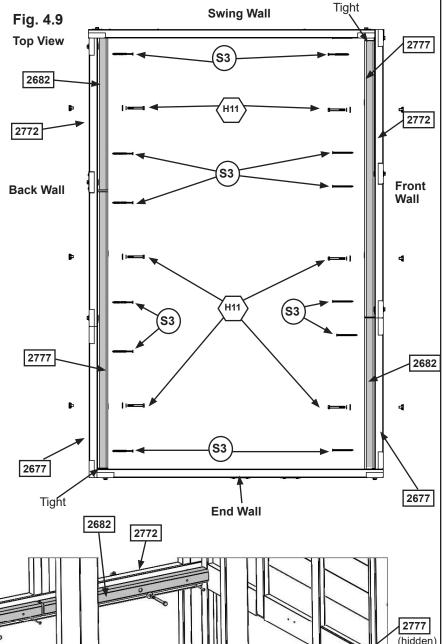
8 x (S11) Wood Screw

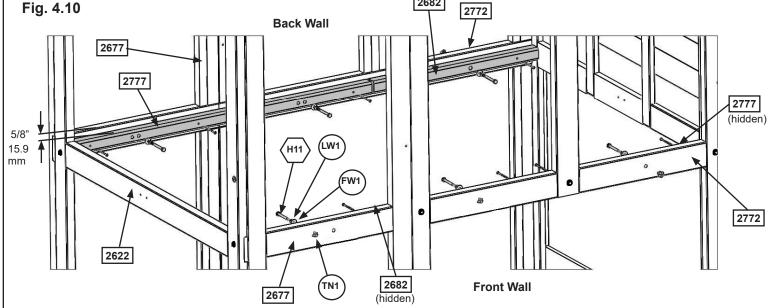


E: On the Back Wall, from inside the assembly, tight to the End Wall, halfway up the assembly, 5/8" (15.9 mm) down from the top of the panel board attach 1 (2777) Side Joist MOD to (2677) Narrow Panel and (2772) Panel Floor Support with 2 (H11) Hex Bolts (with lock washer, flat washer and t-nut). Bolts are installed from inside the assembly. Make sure (2777) Side Joist MOD is level then attach with 4 (S3) Wood Screws. (fig. 4.9 and 4.10)

F: Tight to (2777) Side Joist MOD, 5/8" (15.9 mm) down from the top of the panel board attach (2682) Short Side Joist to (2772) Panel Floor Support with 1 (H11) Hex Bolt (with lock washer, flat washer and t-nut). Bolt is installed from inside the assembly. Make sure (2682) Short Side Joist is level and flush to the top of (2777) Side Joist MOD then attach with 2 (S3) Wood Screws. (fig. 4.9 and 4.10)

**G:** Repeat E and F for the Front Wall, except (2777) Side Joist MOD is tight to the Swing Wall and (2682) Short Side Joist is attached to (2677) Narrow Panel. (fig. 4.9 and 4.10)





# Wood Parts 2 x 2777 Side Joist MOD 12 x S3 Wood Screw 2 x 2662 Short Side Joist 6 x H11 Hex Bolt (lock washer, flat washer, t-nut)





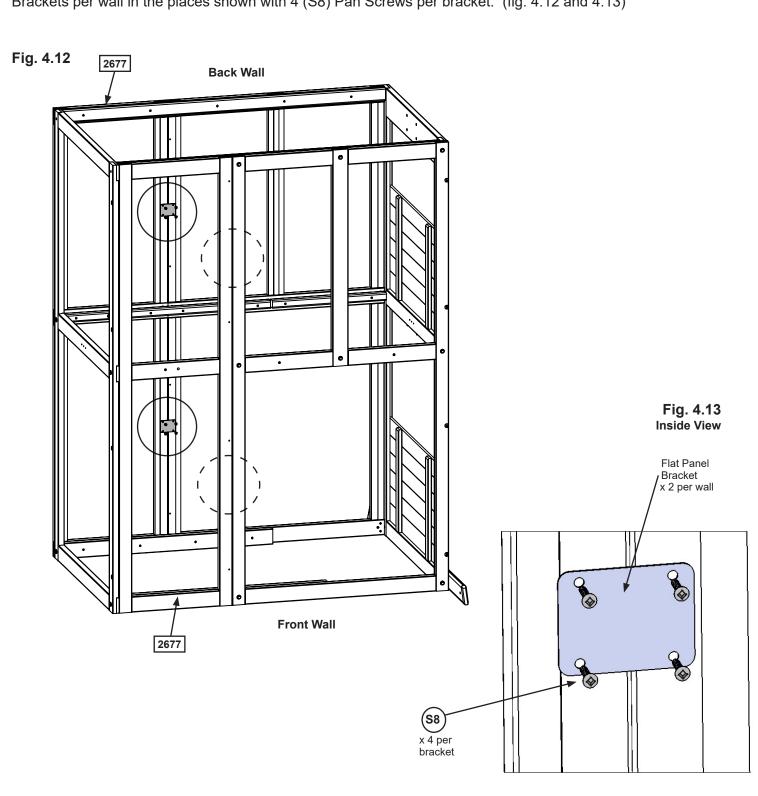
**H:** From inside the assembly, flush to the top of the assembly attach 1 (2683) Wall Tie to (2677) Narrow Panel and (2775) Panel Cross Support on both the front and back walls with 5 (S11) Wood Screws per board. (fig. 4.11)







**I:** On the inside of the assembly attach (2677) Narrow Panel to the Front and Back Walls using 2 Flat Panel Brackets per wall in the places shown with 4 (S8) Pan Screws per bracket. (fig. 4.12 and 4.13)

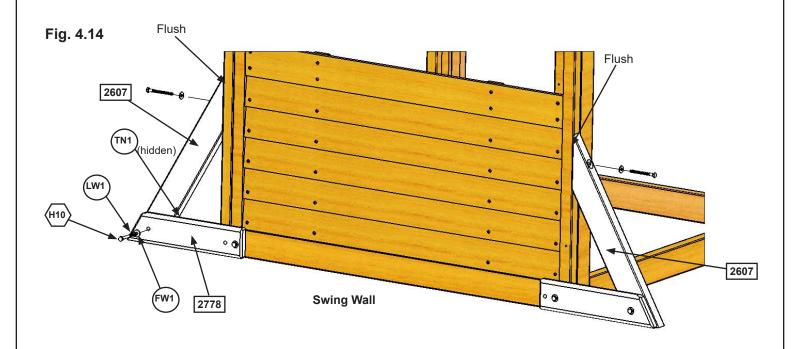


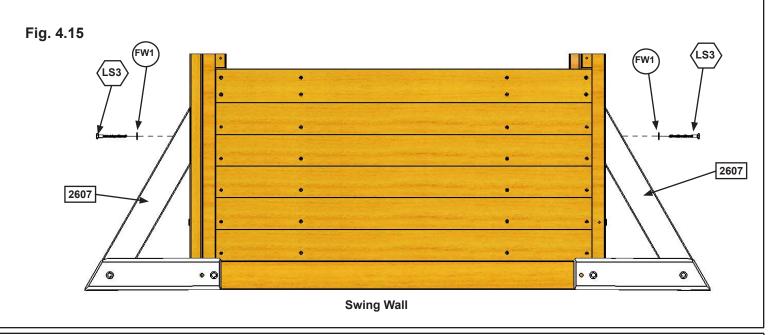




**J:** Loosely attach 1 (2607) Diagonal to left (2778) SW Ground MOD with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 4.14)

**K:** Place each (2607) Diagonal tight and flush to the front of the Swing Wall then pre-drill pilot holes with a 1/8" (3.2 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. 4.14 and 4.15)





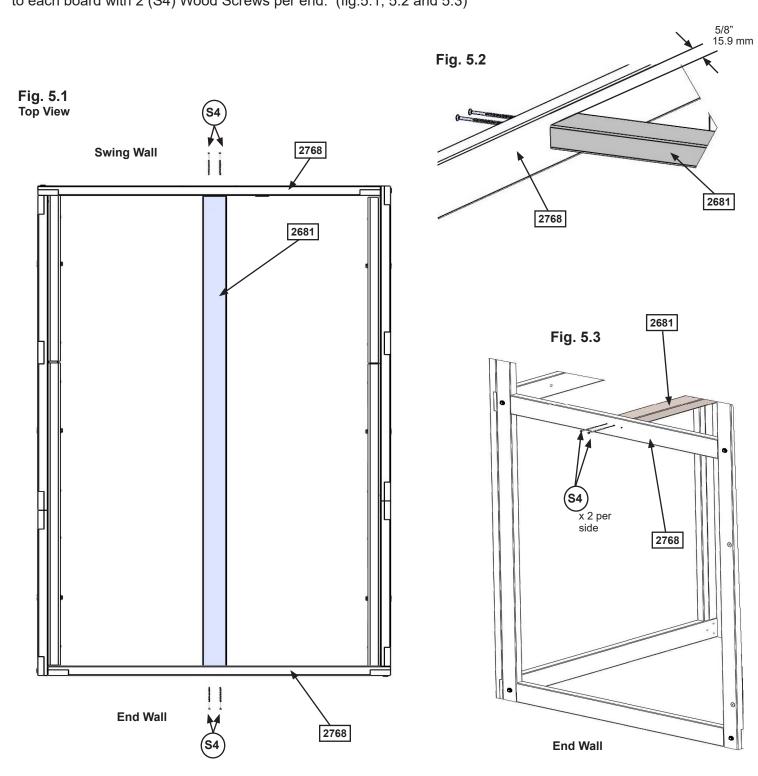


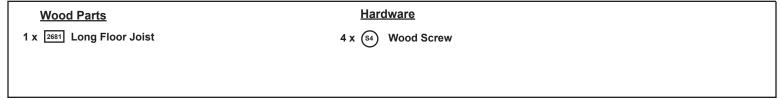
## **Step 5: Floor Assembly Part 1**





**A:** From inside of the assembly centre (2681) Long Floor Joist over pilot holes in both (2768) Panel Floors in the Swing and End Walls, measure 5/8" (15.9 mm) down from the top of boards then attach (2681) Long Floor Joist to each board with 2 (S4) Wood Screws per end. (fig.5.1, 5.2 and 5.3)

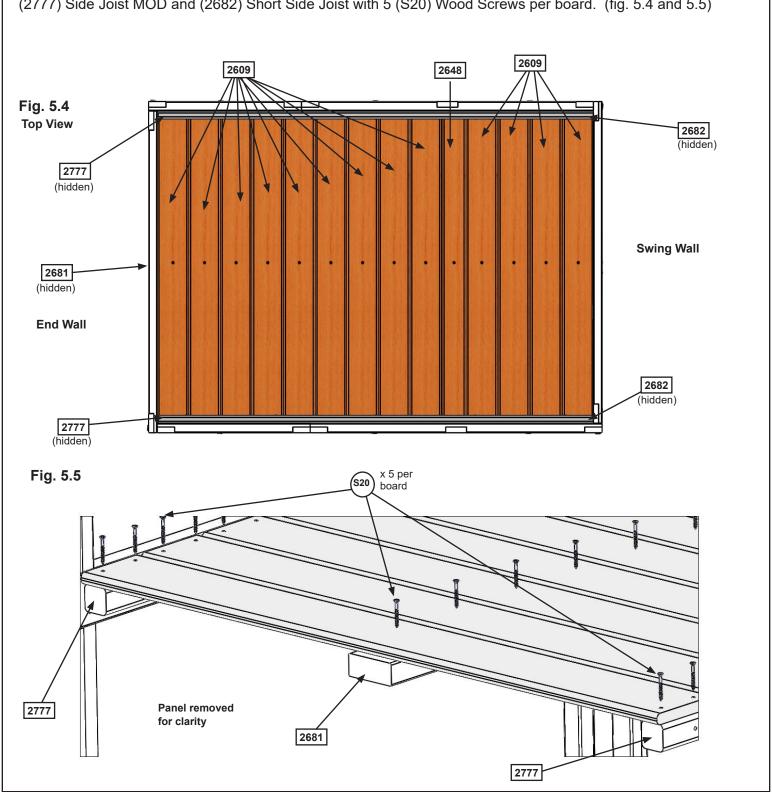


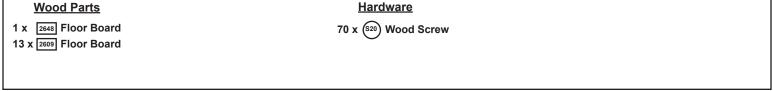


## **Step 5: Floor Assembly Part 2**



**B:** Starting at the Swing Wall place 4 (2609) Floor Boards followed by 1 (2648) Floor Board then the remaining 9 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2681) Long Floor Joist and each (2777) Side Joist MOD and (2682) Short Side Joist with 5 (S20) Wood Screws per board. (fig. 5.4 and 5.5)





### **Step 6: Swing Beam Assembly**

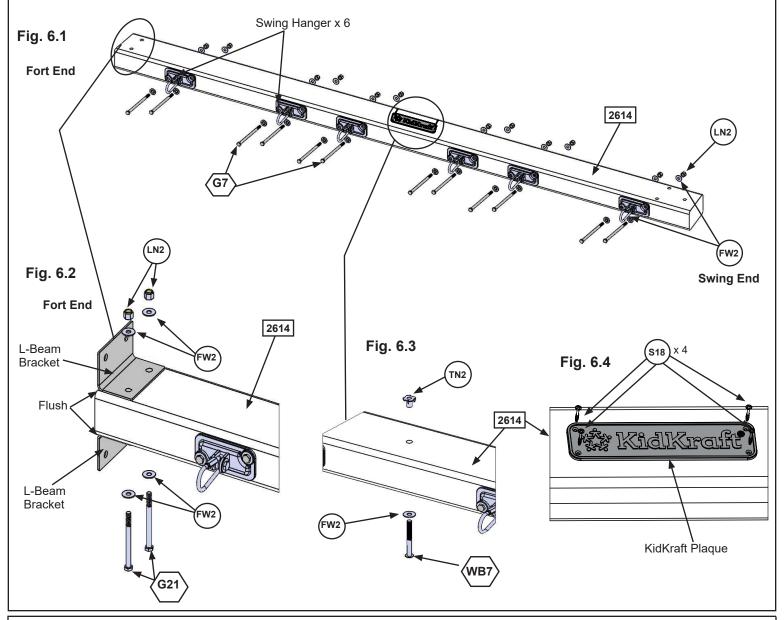


**A:** Attach 6 Swing Hangers to the (2614) Engineered Beam using 2 (G7) Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger as shown in fig. 6.1.

**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)

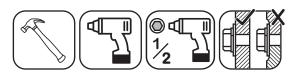
**C:** Install 1 (WB7) Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 6.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.** 

**D:** Attach KidKraft Plaque to centre of (2614) Engineered Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 6.4)



Wood Parts	<u>Hardware</u>	Other Parts
1 x 2614 Engineered Beam	12 x $\langle G^7 \rangle$ Hex Bolt (flat washer x 2, lock nut) 2 x $\langle G^{21} \rangle$ Hex Bolt (flat washer x 2, lock nut)	6 x Swing Hangers 2 x L-Beam Bracket
	1 x West Waster Bolt (flat washer & t-nut)	1 x KidKraft Logo Plaque
	4 x (S18) Wood Screw	

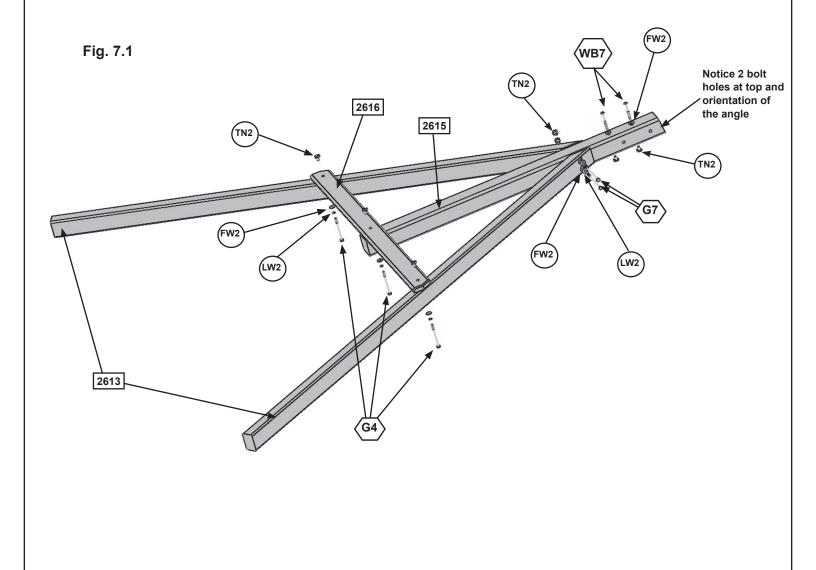
### **Step 7: Swing End Assembly**



**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.



#### **Wood Parts**

2 x 2613 Heavy SW Post

1 x 2615 SW Upright

1 x 2616 SW Support

#### **Hardware**

2 x (G7) Hex Bolt (lock washer, flat washer, t-nut)

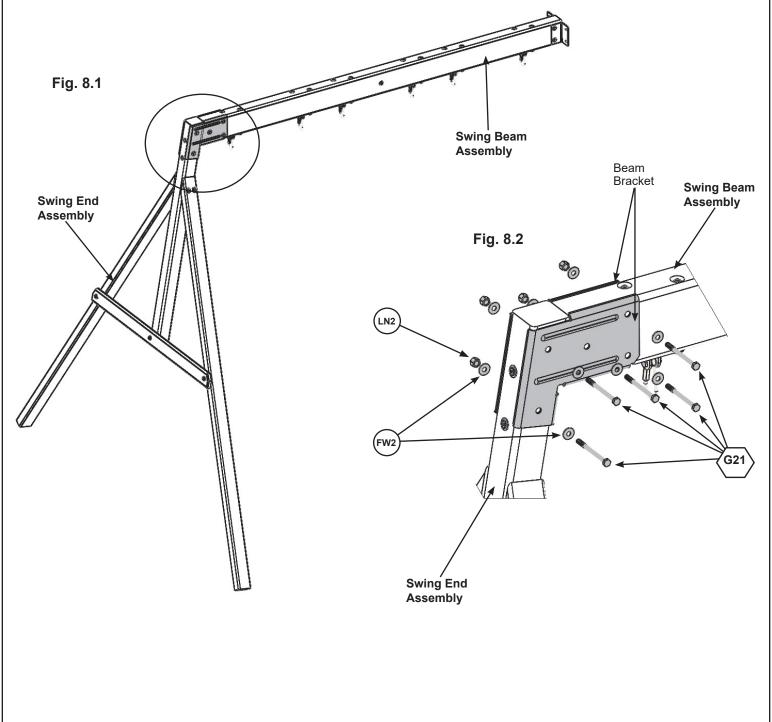
 $3 \times \left\langle G_4 \right\rangle$  Hex Bolt (lock washer, flat washer, t-nut)

2 x  $\langle ^{\text{WB7}} \rangle$  Wafer Bolt (flat washer & t-nut)

### **Step 8: Attach Swing End to Swing Beam**



**A:** Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 8.1 and 8.2)



Hardware

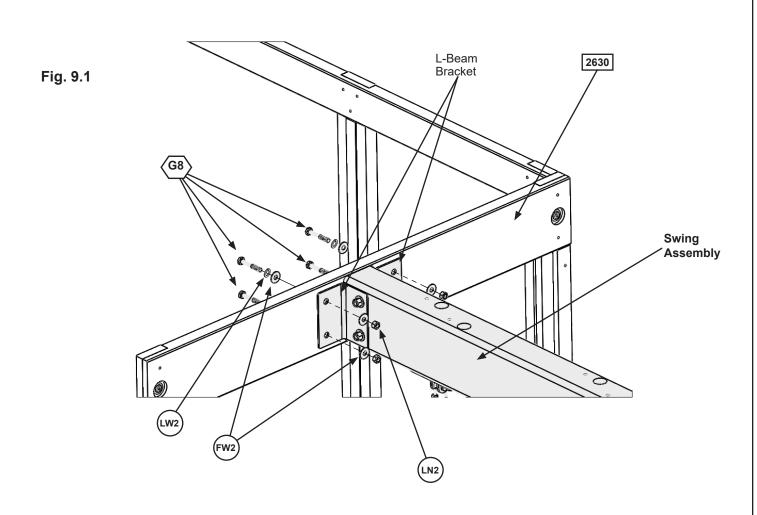
5 x (G21) Hex Bolt (flat washer x 2, lock nut)

Other Parts
2 x Beam Bracket (Left/Right)

### **Step 9: Attach Swing Assembly To Fort**



**A:** Place Swing Assembly against top of (2630) SW Top, make sure assembly is level then attach from inside the fort assembly into each L-Beam Bracket with 4 (G8) Hex Bolts (with 2 flat washers, 1 lock washer and 1 lock nut). (fig. 9.1)



#### <u>Hardware</u>

4 x (G8) Hex Bolt (lock washer, flat washer x 2, lock nut)

### **Step 10: Install Ground Stakes**







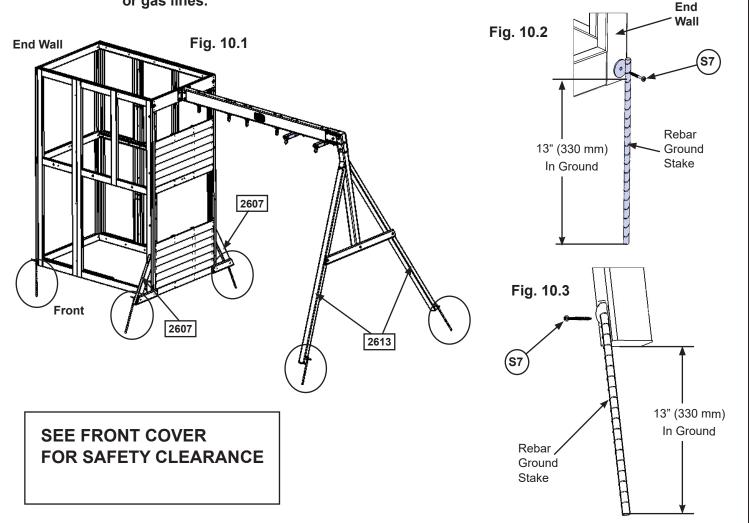
## MOVE FORT TO FINAL LOCATION PRIOR TO STAKING FINAL LOCATION MUST BE LEVEL GROUND

**A:** In the 5 places shown in fig. 10.1 drive the Rebar Ground Stakes 13" (330 mm) into the ground against outside front 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.

Warning! 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.



Hardware

5 x (S7) Pan Screw

Other Parts
5 x Rebar Ground Stake

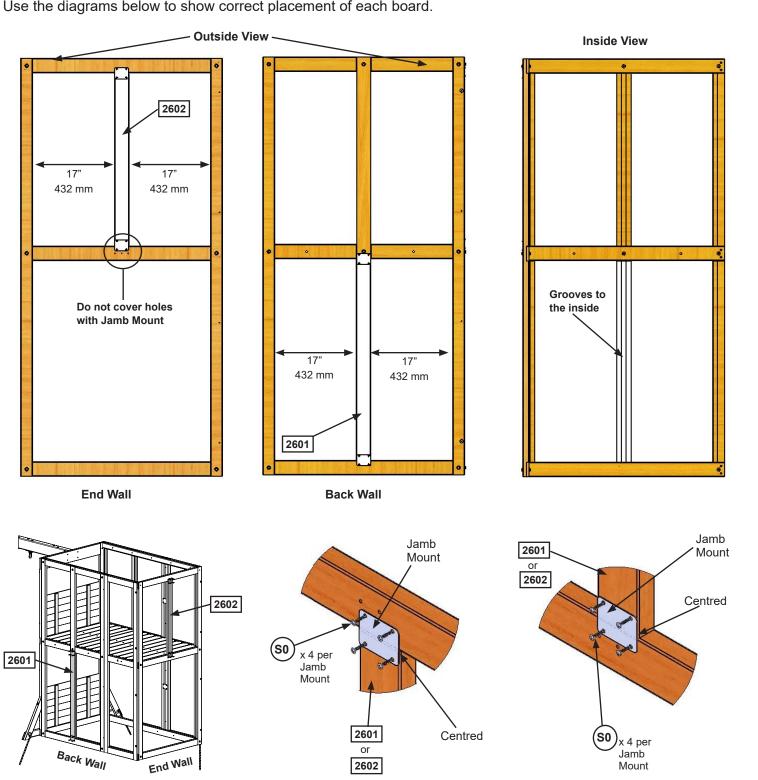
### **Step 11: Install Upper and Lower Jambs**





There is 1 (2601) Lower Jamb and 1 (2602) Upper Jamb provided. Install the (2601) Lower Jamb on the Back 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.



**Hardware Wood Parts Other Parts** 1 x 2601 Lower Jamb 16 x (SO) Truss Screw 4 x Jamb Mount 1 x 2602 Upper Jamb

## Step 12: Install Window and Wall Inserts Part 1

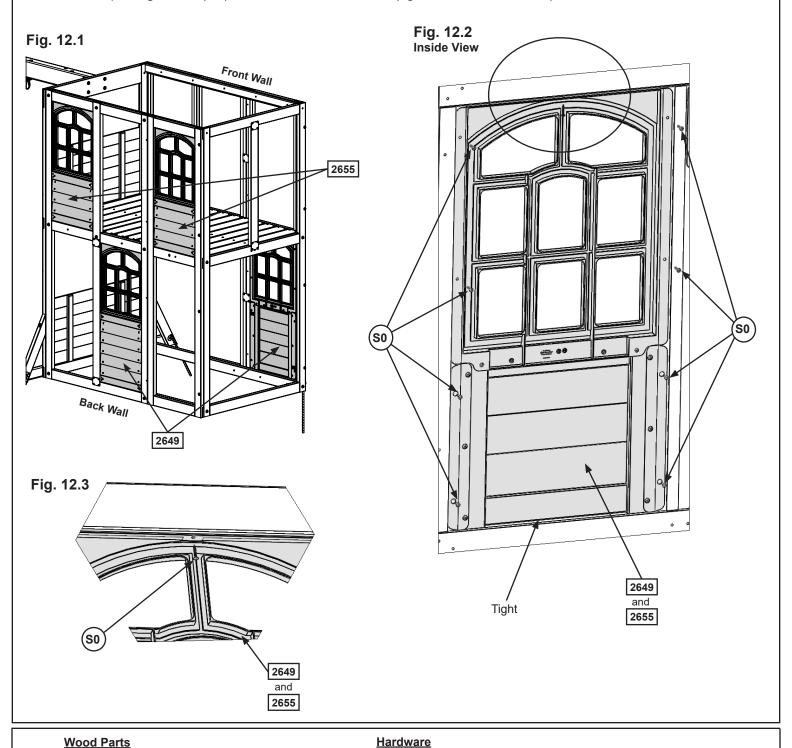






**A:** On the Back Wall Assembly, install 1 (2649) Lower Window Insert in the lower opening and 2 (2655) Upper Window Inserts in the upper opening on the Back Side using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.1, 12.2 and 12.3)

**B:** On the Front of the assembly, in the openings of the (2677) Narrow Panel install 1 (2649) Lower Window Insert in the lower opening with 9 (S0) #8 x 7/8" Truss Screws. (fig. 12.1, 12.2 and 12.3)



36 x (so) Truss Screw

39

2 x 2655 Upper Window Insert

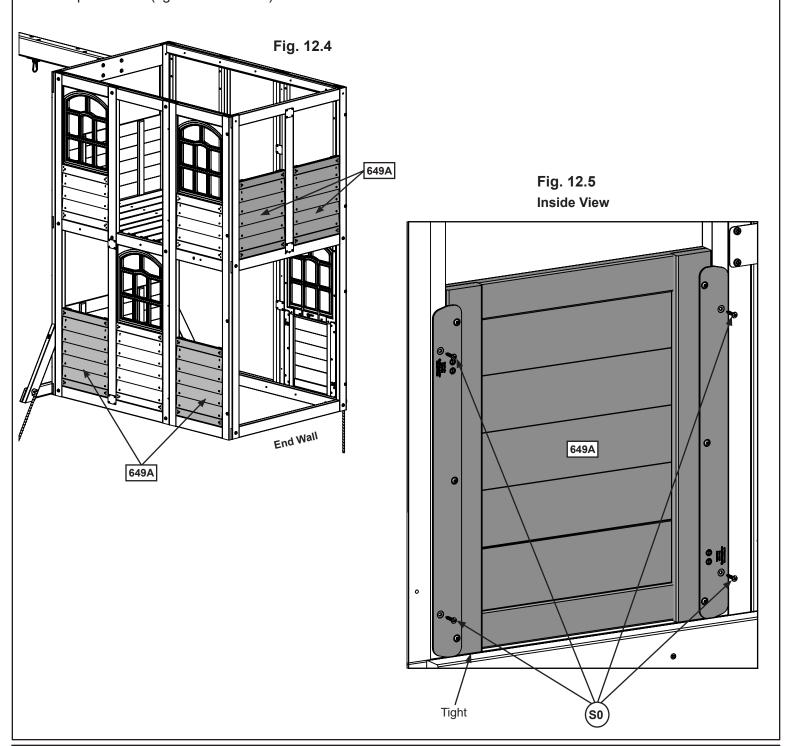
2 x 2649 Lower Window Insert

## **Step 12: Install Window and Wall Inserts Part 2**





**D:** On the End Wall Assembly, install 2 (649A) Short Half Walls in the upper openings using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.4 and 12.5)



Wood Parts
4 x 649A Short Half Wall

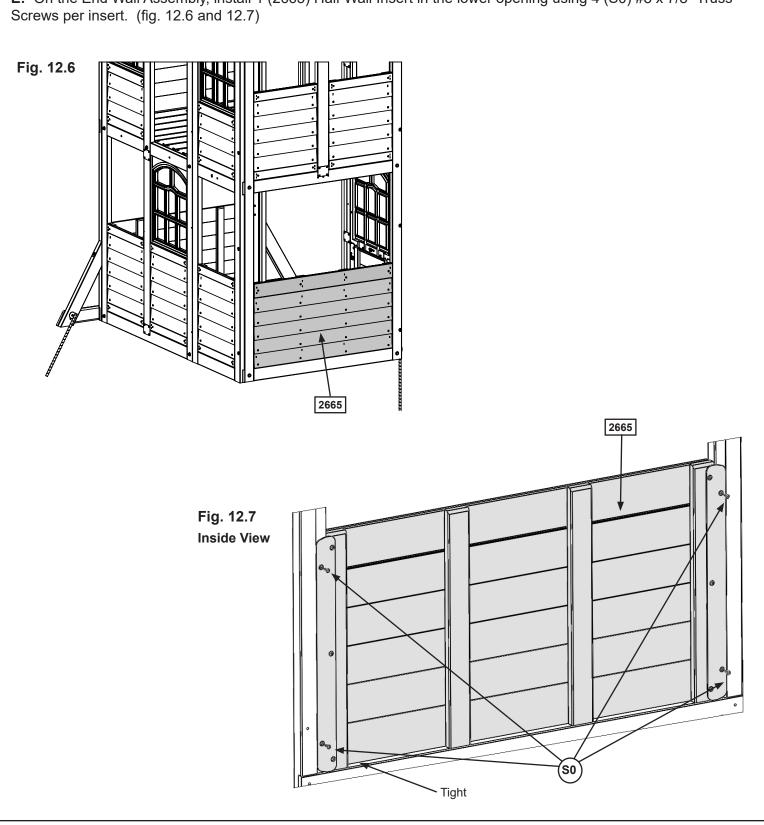
Hardware

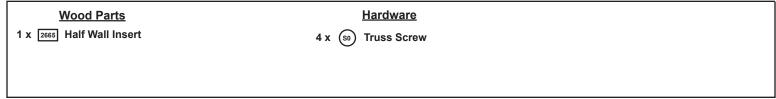
16 x (S0) Truss Screw

### **Step 12: Install Window and Wall Inserts** Part 3



E: On the End Wall Assembly, install 1 (2665) Half Wall Insert in the lower opening using 4 (S0) #8 x 7/8" Truss



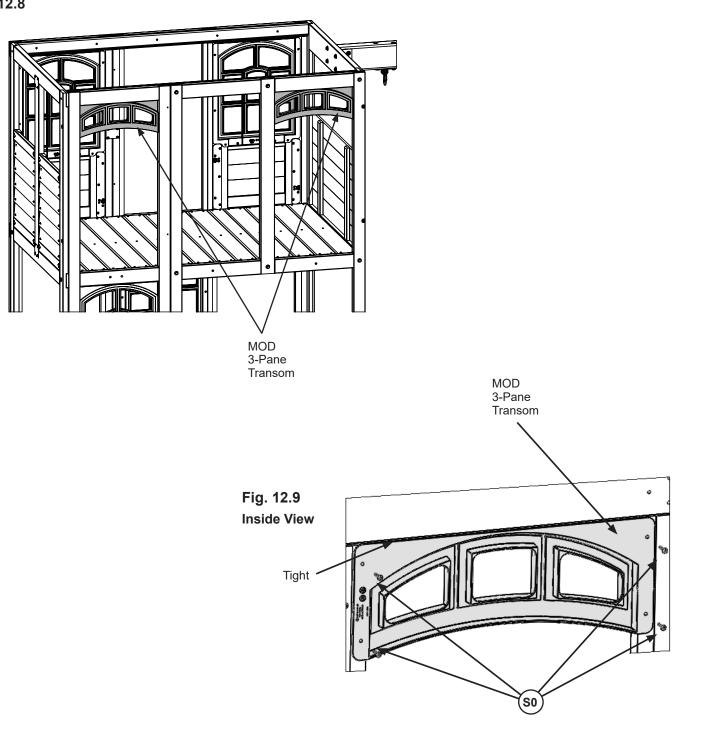


# **Step 12: Install Window and Wall Inserts Part 4**



**F:** On the Front of the assembly install 2 MOD 3-Pane Transoms in the upper openings with 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.8 and 12.9)

Fig. 12.8



Hardware
8 x (S0) Truss Screw

Other Parts
2 x MOD 3-Pane Transom

### Step 13: How to Install Inserts - Clock Assembly







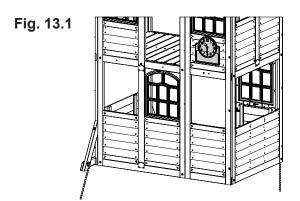
There is 1 Clock Set provided to be installed on the Back Wall. See Fig 13.1, 13.2 and 13.3 for correct location. See below for how to assemble and attach the Clock Set.

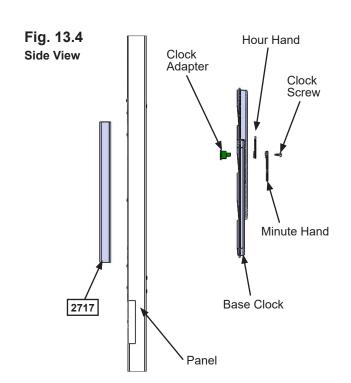
When installing you will need the following:

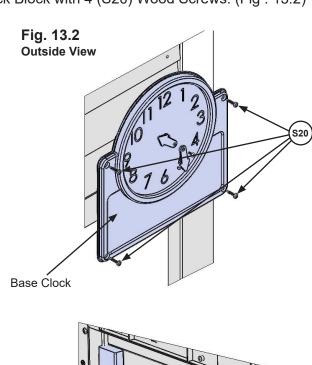
Base Clock, Clock Subset (includes minute and hour hands, clock adapter and clock screw), 2 (2717) Clock Blocks and 4 x (S20) Wood Screws.

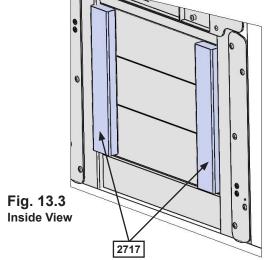
To assemble Clock insert the Clock Adapter from the back of the Base Clock, place the Hour Hand over the Clock Adapter making sure they are lined up properly. Press the Minute Hand over the Hour Hand and connect with Clock Screw.

Attach assembled Clock through panel and into each (2717) Clock Block with 4 (S20) Wood Screws. (Fig. 13.2)









Do not over tighten screws.

Wood Parts
2 x 2717 Clock Block 3/4 x 1-3/4 x 9-3/4"

<u>Hardware</u>

4 x (\$20) #8 x 1-3/8" Wood Screw

**Other Parts** 

1 x Base Clock

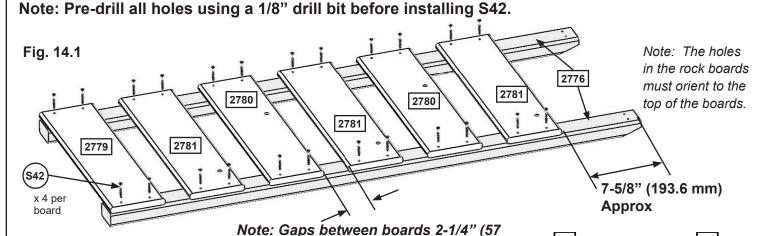
1 x Clock Subset 1 x Clock Adapter 1 x Hour Hand 1 x Minute Hand

### **Step 14: Rock Wall Assembly**









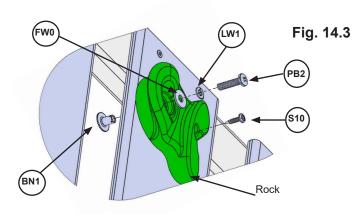
mm), not to exceed 2-3/8" (60.3 mm)

**A:** Lay 2 (2776) Rock Rails down, side by side with angled edges facing down. (fig. 14.1)

**B:** Place (2779) Access Board on the bottom of each (2776) Rock Rail as shown in fig. 14.1. Make sure (2779) Access Board is flush to the outside and bottom edges of each (2776). Attach using 4 (S42) Wood Screws.

**C:** 7-5/8" (193.6 mm) down from the top of both (2776) Rock Rails place 1 (2781) Rk Board B, making sure the sides are flush to the outside edges of each (2776) Rock Rail. Attach using 4 (S42) Wood Screws. (fig. 14.1)

**D:** In between the (2779) Access Board and (2781) Rk Board B stagger 2 (2781) Rk Board Bs and 2 (2780) Rk Board As using 4 (S42) Wood Screws per board. Placing them as shown in fig. 14.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" (60.3 mm) between boards.



E: Place 1 rock on each (2780) Rk Board A and (2781) Rk Board B (fig. 14.2) and attach using 1 (PB2) Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 14.3)

 Wood Parts
 Hardware
 Other Parts

 1 x [2779] Access Board
 24 x [642] Pan Screw
 5 x Rocks (3 green/2 yellow)

3 x 2781 Rk Board B

2 x 2780 Rk Board A 2 x 2776 Rock Rail 5 x (S10) Pan Screw
5 x (S20) Pan Bolt

(lock washer, flat washer & barrel nut)

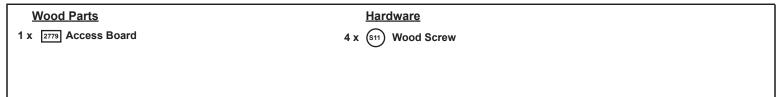
### Step 15: Attach Rock Wall Assembly to Fort Part 1



A: Place Rock Wall Assembly centred in opening of the Front Wall and flush as shown below. Attach (2776) Rock Rails to the Front Wall using 4 (S11) Wood Screws. (fig. 15.1, 15.2 and 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) Fig. 15.1 Fig. 15.2 Fig. 15.3 Panel . Flush-Bolt Head 2776 2776



# **Step 15: Attach Rock Wall Assembly to Fort Part 2**

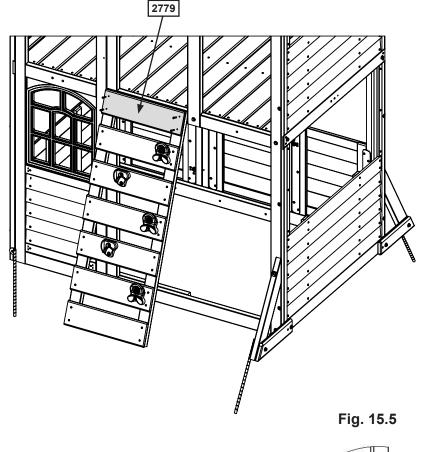


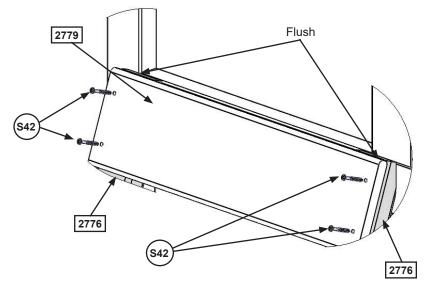


Note: Pre-drill all holes using a 1/8" drill bit before installing S42.

**B:** Attach 1 (2779) Access Board to top of Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S42) Wood Screws. (fig. 15.4 and 15.5)

Fig. 15.4





**Wood Parts** 

1 x 2779 Access Board

**Hardware** 

4 x (S42) Pan Screw

# Step 15: Attach Rock Wall Assembly to Fort Part 3



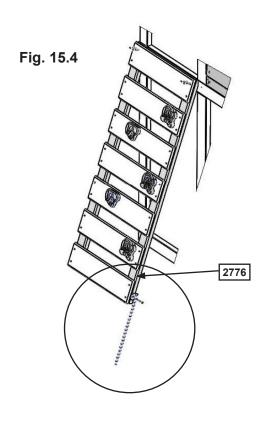


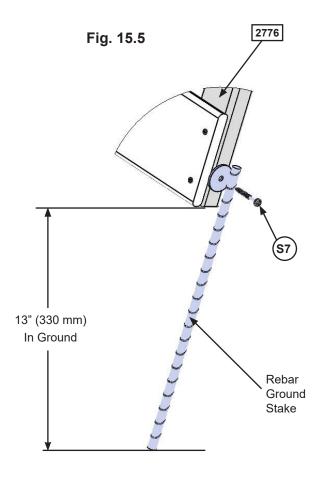


**C:** Drive 1 Rebar Ground Stake 13" (330 mm) into the ground against outside (2776) Rock Rail then attach with 1 (S7) Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 15.4 and 15.5)

**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.





<u>Hardware</u>

1 x (S7) Pan Screw

Other Parts

1 x Rebar Ground Stake

### Step 16: Attach Hand Grip to Fort

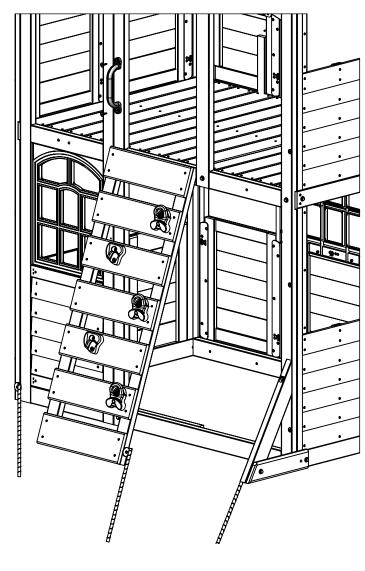


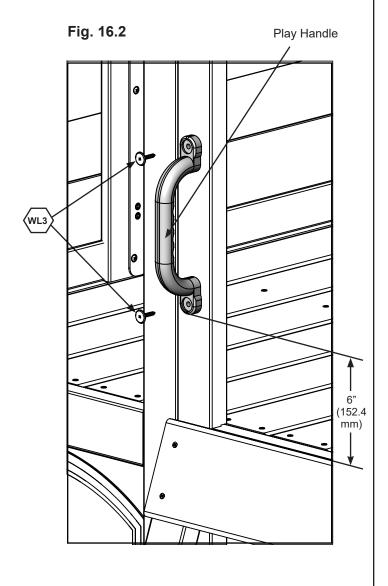




**A:** Measure 6" (152.4 mm) from the top of the floor boards on the left hand side of the Rock Board, pre-drill with a 1/8" (3.2 mm) drill bit then attach 1 Play Handle with 2 (WL3) Wafer Lags to the Front Wall. (fig. 16.1 and 16.2)

Fig. 16.1





Hardware



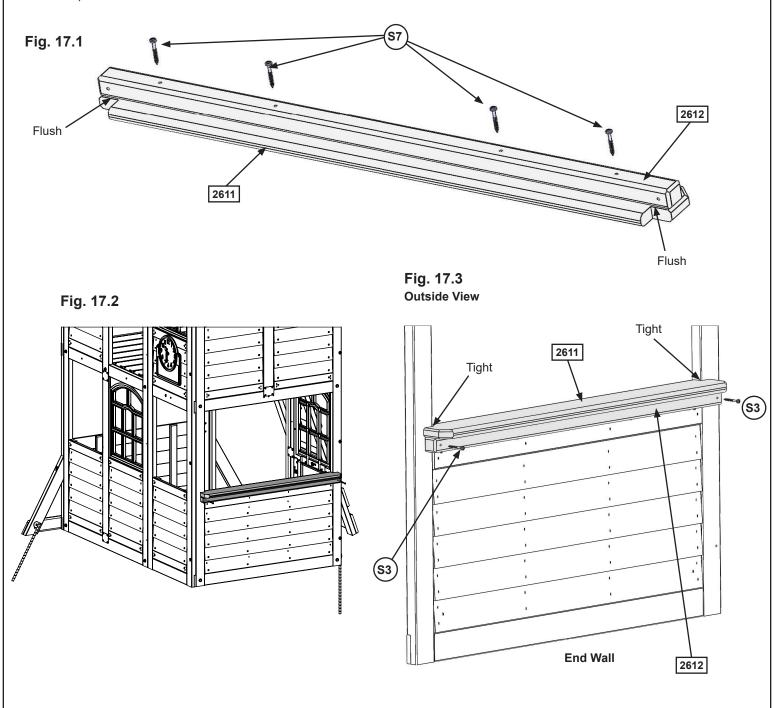
Other Parts
1 x Play Handle

# Step 17: Cafe Table Assembly Part 1



**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 then attach (2612) Table Support to the Back Wall posts with 2 (S3) Wood Screws. (fig. 17.1 and 17.2)



#### **Wood Parts**

1 x 2612 Table Support

1 x 2611 Table Top

#### **Hardware**

4 x (S7) Pan Screw

2 x (S3) Wood Screw

# **Step 17: Cafe Table Assembly Part 2**



**C:** From the inside of the End Wall Assembly attach (2611) Table Top to slats in (2665) Half Wall Insert with 2 Flat Brackets using 3 (S37) #7 x 5/8" Pan Screws per bracket. (fig. 16.4, 14.5)

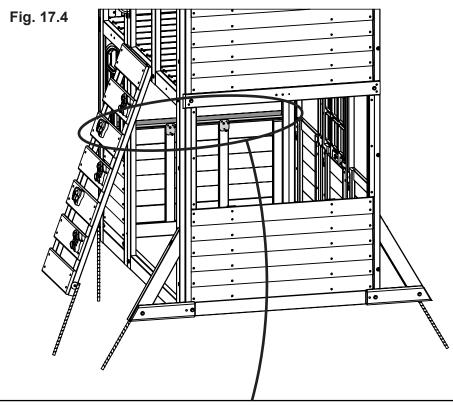
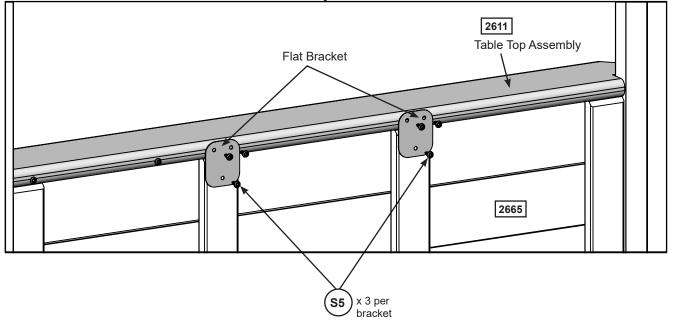


Fig. 17.5 Inside View



Hardware

6 x (S5) Pan Screw

Other Parts
2 x Flat Bracket

### **Step 18: Attach Cafe Canopy to Fort**



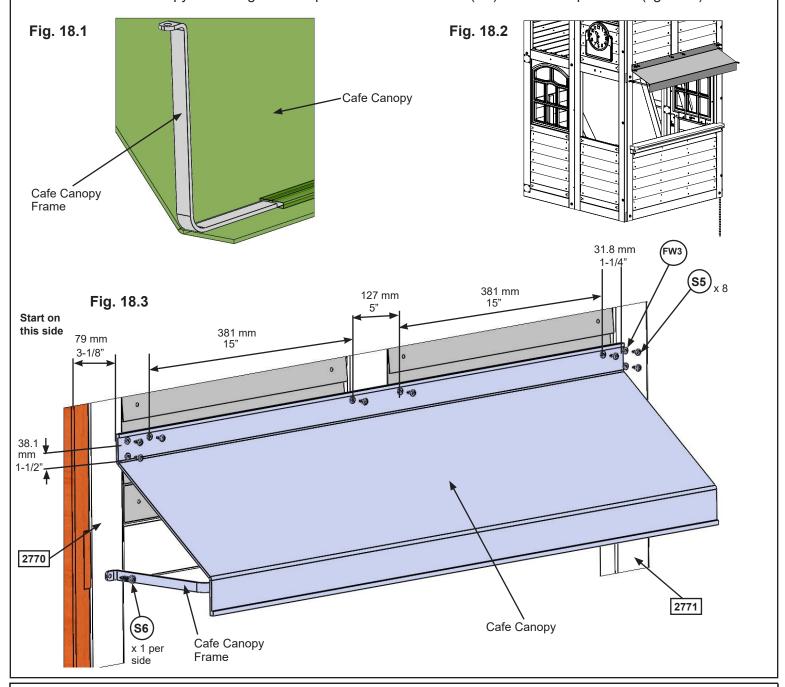




A: Feed Cafe Canopy Frame through the pocket of the Cafe Canopy. (fig. 18.1)

**B:** With a helper hold the Canopy against the fort, on the End Wall as shown in fig 18.2, measure 3-1/8" (79 mm) in from the outside edge of the (2770) End Post Left, making sure the Cafe Canopy is smooth and tight then attach to the post with 2 (S5) Pan Screws (with #8 flat washer), measure 1-1/2" (38.1mm) down from the first screw then attach a third screw and washer. Follow measurements as shown in fig. 18.3 for remaining screws and washers. Measurements must be exact.

C: Hold the Cafe Canopy Frame against the panel and attach with 1 (S6) Pan Screw per side. (fig. 18.3)



8 x (ss) Pan Screw (#8 flat washer) 2 x (ss) Pan Screw

**Hardware** 

Other Parts
1 x Cafe Canopy Frame
1 x Cafe Canopy

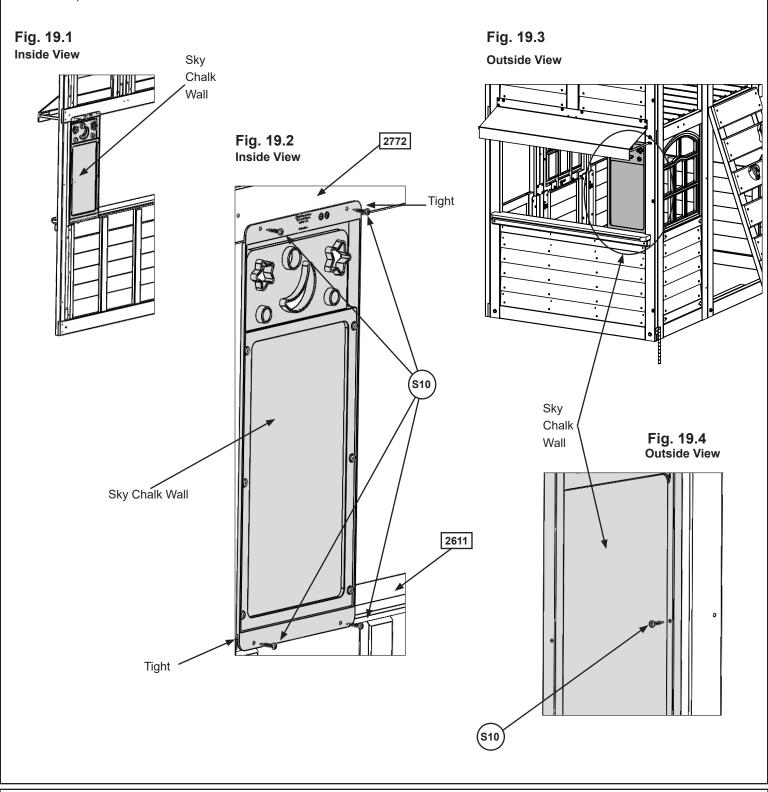
### Step 19: Attach Sky Chalk Wall to Fort



**Other Parts** 

1 x Sky Chalk Wall

**A:** From inside the assembly place Sky Chalk Wall tight to (2611) Table Top and (2772) Panel Floor Support then attach with 4 (S10) Pan Screws from the inside and 1 (S10) Pan Screw from the outside. (fig. 19.1, 19.2, 19.3 and 19.4)



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**Hardware** 

5 x (S10) Pan Screw

### **Step 20: Roof Support Assembly**



**A:** Attach 1 (2760) Roof Support to a second (2760) Roof Support at peak using 1 (S4) Wood Screw. Repeat this step so there are 2 Roof Support Assemblies. (fig. 20.1 and 20.2)

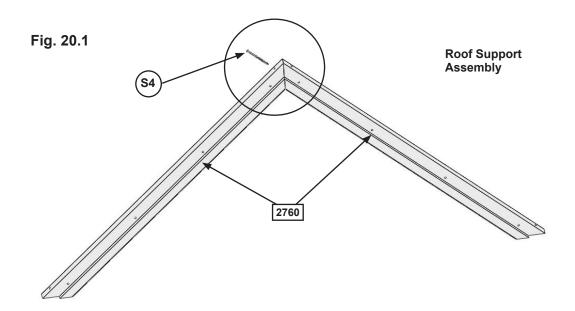
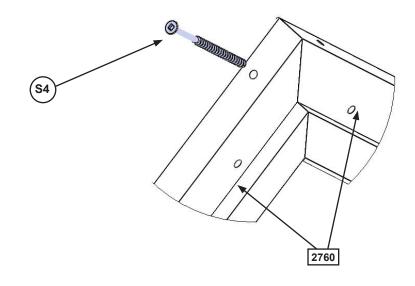


Fig. 20.2



**Wood Parts** 

4 x 2760 Roof Support

**Hardware** 

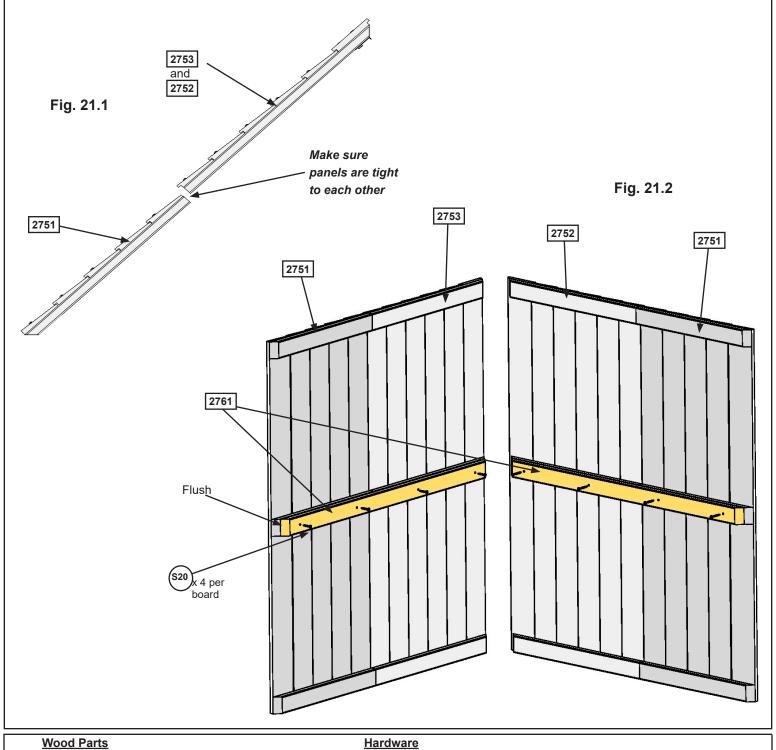
2 x (S4) Wood Screw

### **Step 21: 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. 21.1)

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. 21.2)



**Wood Parts** 

2 x 2751 MOD Roof Bottom

1 x 2752 MOD Roof Front

2753 MOD Roof Back

2 x 2761 Roof Sleeper C

8 x (S20) Wood Screw

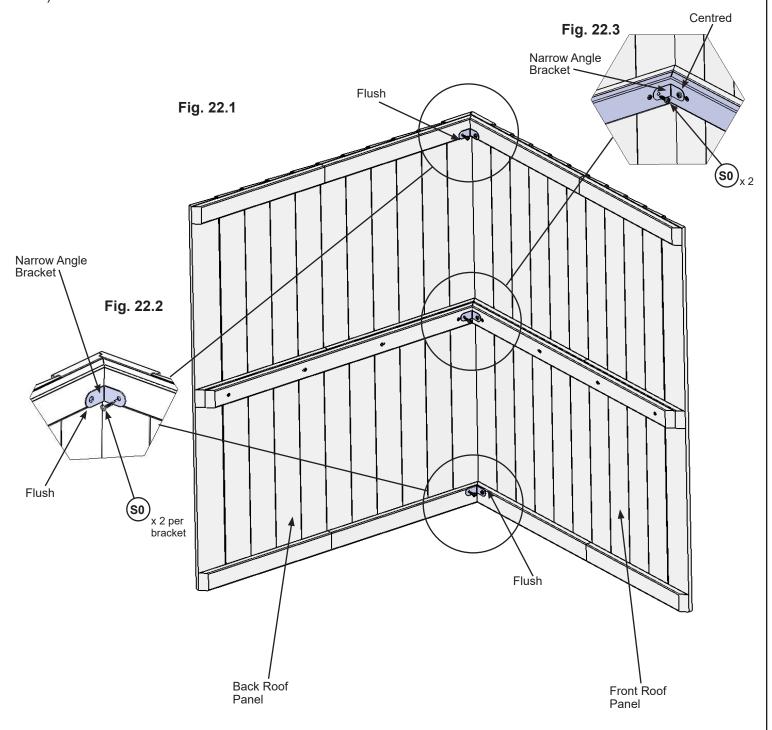
## Step 22: Roof Assembly Part 1





**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. 22.1 and 22.2)

**B:** Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) Truss Screws. (fig. 22.1 and 22.3)



Hardware

6 x (so) Truss Screw

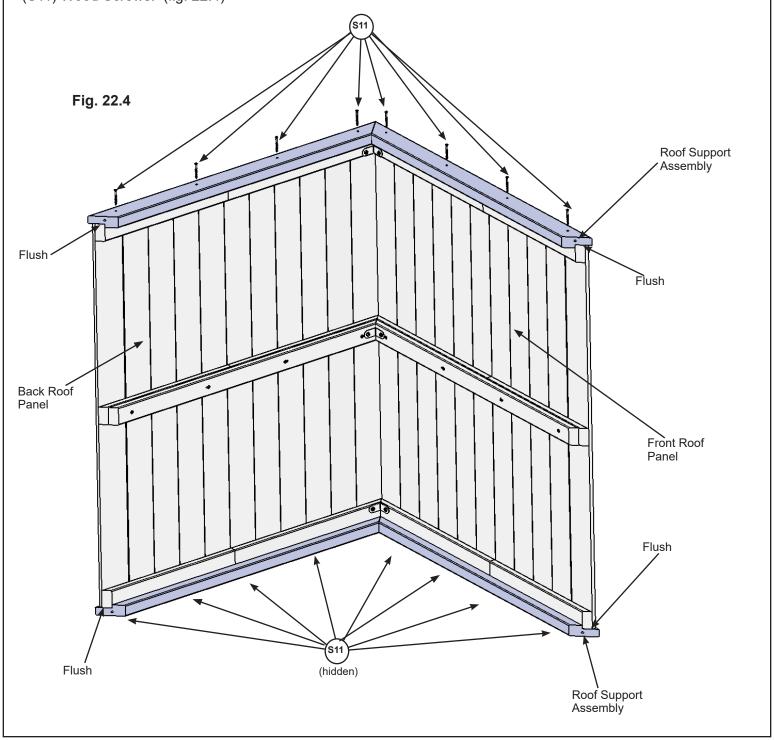
Other Parts
3 x Narrow Angle Bracket

## Step 22: 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. 22.4)

**D:** Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) Wood Screws. (fig. 22.4)



Hardware

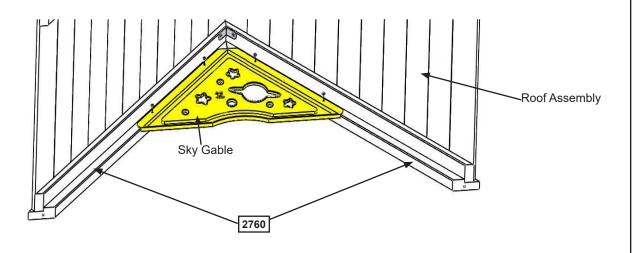
16 x (S11) Wood Screw

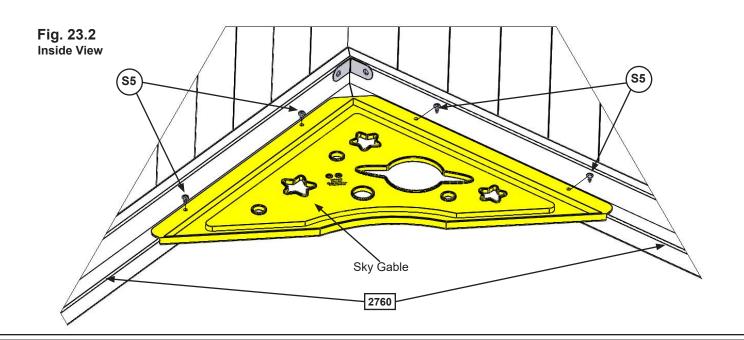
## Step 23: Attach Sky Gable



**A:** Attach 1 Sky Gable to the inside of the (2760) Roof Supports on one side of the Roof Assembly with 4 (S5) Pan Screws. (fig. 23.1 and 23.2)

Fig. 23.1





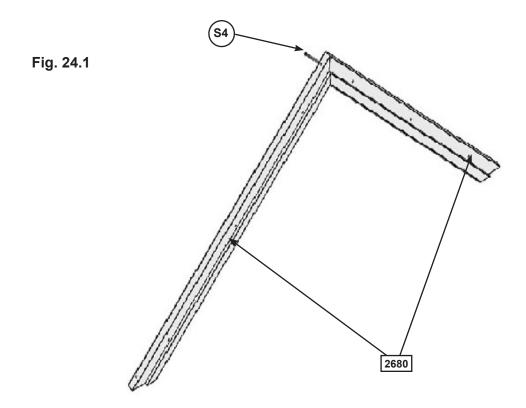
Hardware
4 x S5 Pan Screw

Other Parts
1 x Sky Gable

# Step 24: Small Roof Assembly Part 1



A: Attach 1 (2680) Roof Support to a second (2680) Roof Support at peak using 1 (S4) Wood Screw. (fig. 24.1)



Wood Parts Hardware

2 x 2680 Roof Support

1 x (S4) Wood Screw

### Step 24: Small Roof Assembly Part 2

1 x 2672 Front Small Roof

1 x 2671 Back Small Roof



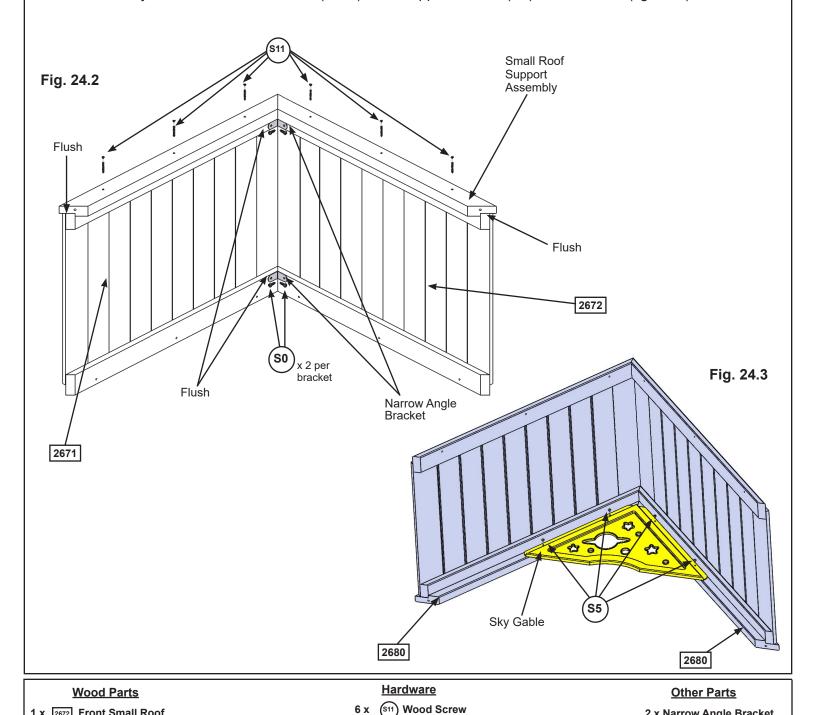
2 x Narrow Angle Bracket

1 x Sky Gable

B: Place (2672) Front Small Roof against (2671) Back Small Roof 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. 24.2)

C: Place Small 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 6 (S11) Wood Screws. (fig. 24.2)

D: Attach 1 Sky Gable to the inside of the (2680) Roof Supports with 4 (S5) Pan Screws. (fig. 24.3)



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**Truss Screw** 

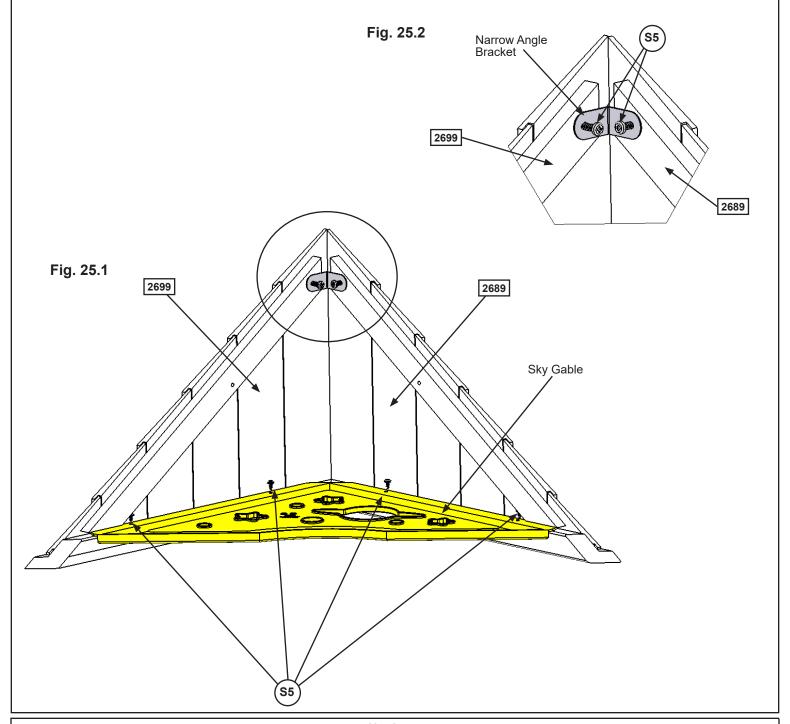
Pan Screw

### **Step 25: Gable Dormer Assembly**



A: Place (2699) Gable Dormer RT tight to (2689) Gable Dormer LT then place Sky Gable tight against the dormers and attach with 4 (S5) Pan Screws. (fig. 25.1)

**B:** Attach (2699) Gable Dormer RT and (2689) Gable Dormer LT with 1 Narrow Angle Bracket using 2 (S5) Pan Screws. (fig. 25.1 and 25.2)



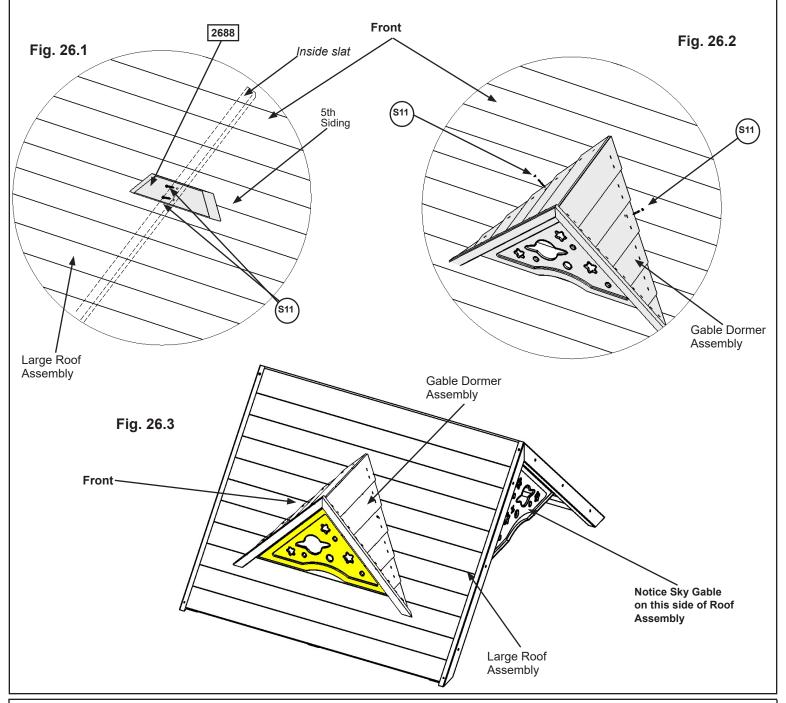


### **Step 26: Attach Gable Dormer to Roof**



**A:** On the outside of the Large Roof Assembly on front of the Roof, on the 5th siding down, place (2688) Dormer Cleat centred on the panel (over the middle inside slat) then attach with 2 (S11) Wood Screws. Make sure the screws go into the siding and the slats. (fig. 26.1)

**B:** Place completed Gable Dormer Assembly over (2688) Dormer Cleat and attach with 2 (S11) Wood Screws (fig. 26.2 and 26.3)





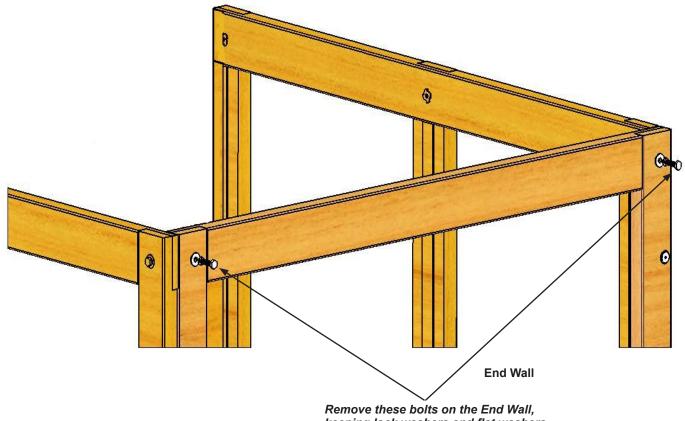
## **Step 27: Attach Roof Ends Part 1**





**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. 27.1)

Fig. 27.1



Remove these bolts on the End Wall, keeping lock washers and flat washers for next step. Do not remove the t-nuts.

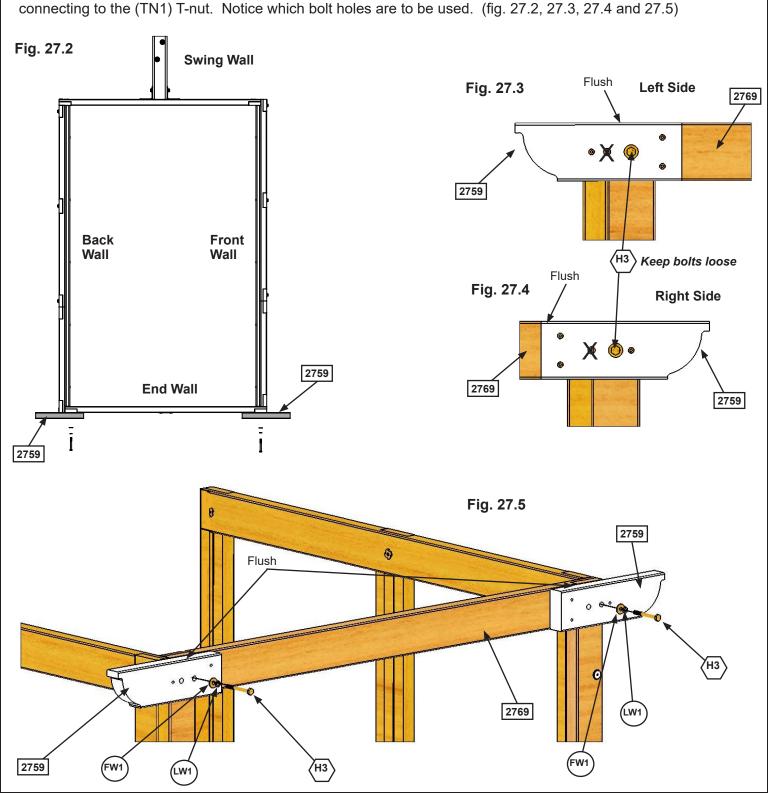
## Step 27: Attach Roof Ends Part 2







**B:** Loosely attach 1 (2759) Roof End to each corner of the End Wall, 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. 27.2, 27.3, 27.4 and 27.5)



Wood Parts

2 x 2759 Roof End

2 x H3 Hex Bolt

# **Step 27: 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. 27.6 and 27.7)

Fig. 27.6 Top View

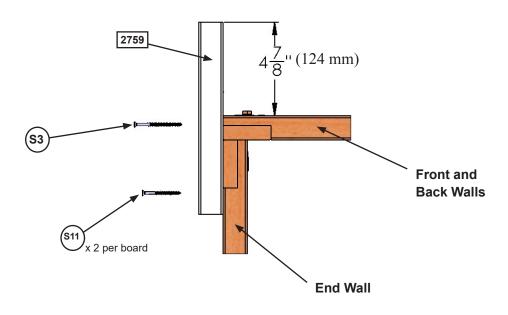
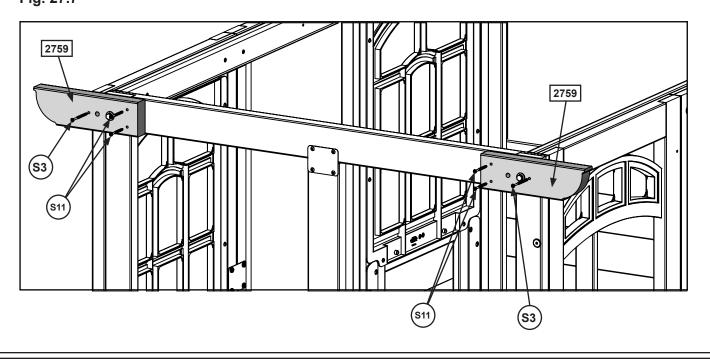


Fig. 27.7



#### **Hardware**

- 2 x (S3) Wood Screw
- 4 x (S11) Wood Screw

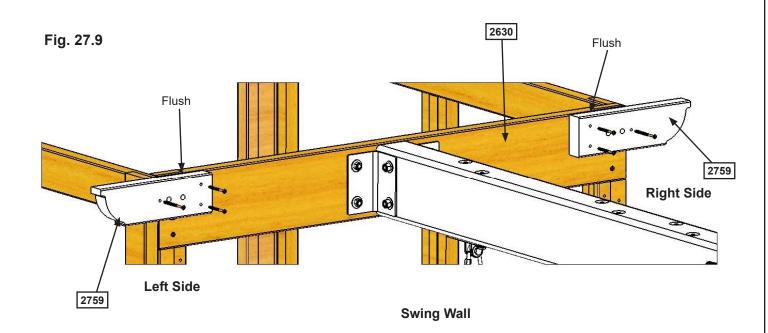
## Step 27: Attach Roof Ends Part 4

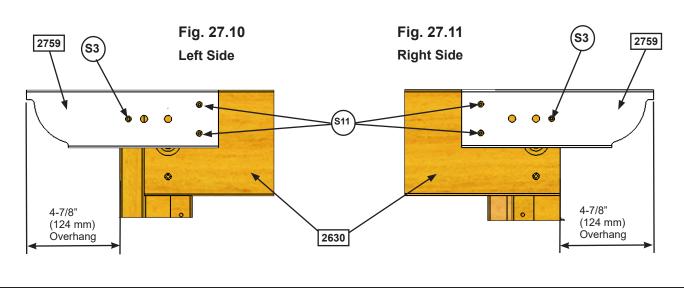


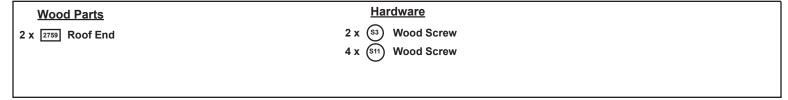




**D:** Attach 1 (2759) Roof End to each corner of the Swing Wall, flush to the top of (2630) SW Top and overhanging 4-7/8" (124 mm) then attach with 2 (S11) Wood Screws and 1 (S3) Wood Screw per (2759) Roof End. Notice which holes are to be used. (fig. 27.9, 27.10, and 27.11)







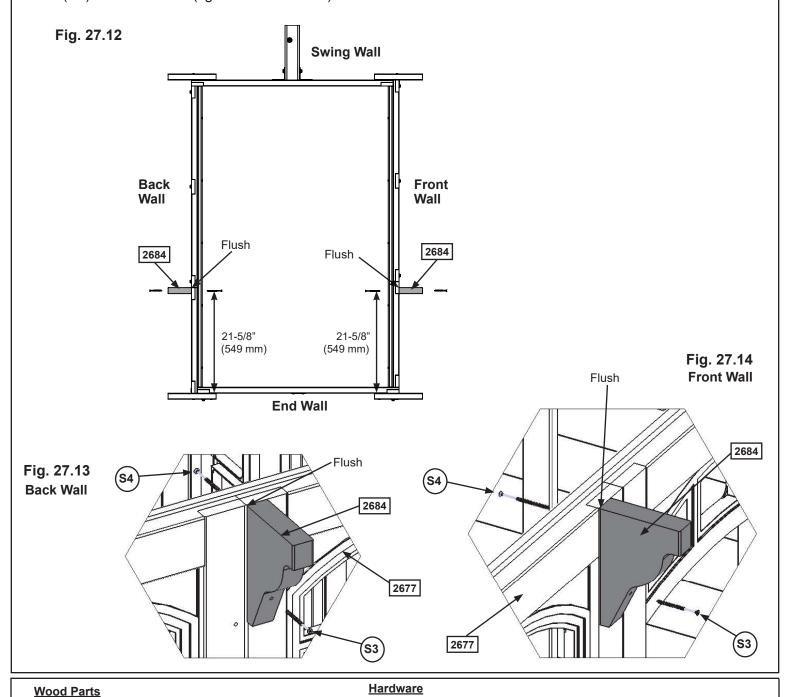
## Step 27: Attach Roof Ends Part 5

2 x 2684 Mid Roof End



**E:** On the Back of the fort measure 21-5/8" (549 mm) from (2759) Roof End and 1-1/4" (32 mm) down from the top of (2677) Narrow Panel, pre-drill with a 1/8" (3.2 mm) drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of (2677) Narrow Panel attach from the inside with 1 (S4) Wood Screw and from the outside with 1 (S3) Wood Screws. (fig. 27.12 and 27.13)

**F:** On the Front of the fort measure 21-5/8" (549 mm) from (2759) Roof End and 1-1/4" (32 mm) down from the top of the panel, pre-drill with a 1/8" (3.2 mm) drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of the (2677) Narrow Panel and attach from the inside with 1 (S4) Wood Screw and from the outside with 1 (S3) Wood Screws. (fig. 27.12 and 27.14)



2 x (S3)

**Wood Screw** 

**Wood Screw** 

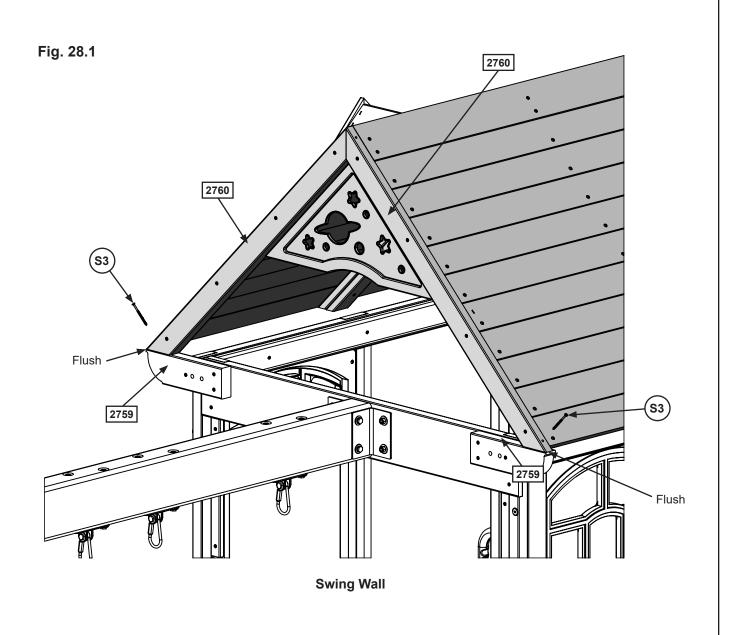






**A:** With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so all four (2760) Roof Supports sit flush to the front and outside edges of (2759) Roof End and (2684) Mid Roof End. (fig. 28.1)

B: Attach (2760) Roof Supports to (2759) Roof Ends with 1 (S3) Wood Screw per support. (fig. 28.1)



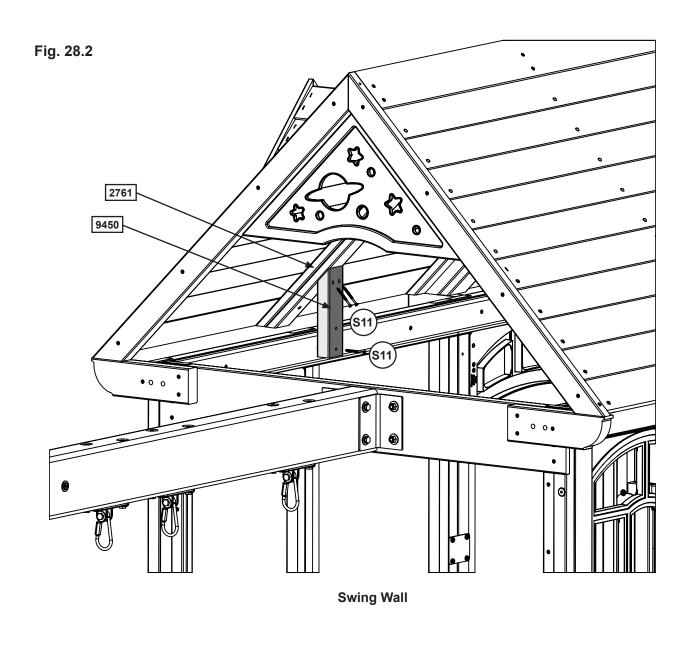
#### **Hardware**

2 x (S3) Wood Screw



**C:** Place (9450) Roof Tie so that the angled end is flush against (2761) Roof Sleeper C and the other end is flat against (2683) Wall Tie, centered between the Hex Bolts. Attach using 3 (S11) #8 x 2" Wood Screws, making sure that the top 2 screws are installed on an angle as shown in fig. 28.2.

**D:** Repeat Step C to install a (9450) Roof Tie to (2761) Roof Sleeper C and (2683) Wall Tie on the opposite side of the roof.





2 x 9450 Roof Tie 1-1/4 x 2 x 7-9/16"

#### **Hardware**

6 x (S11) #8 x 2" Wood Screw

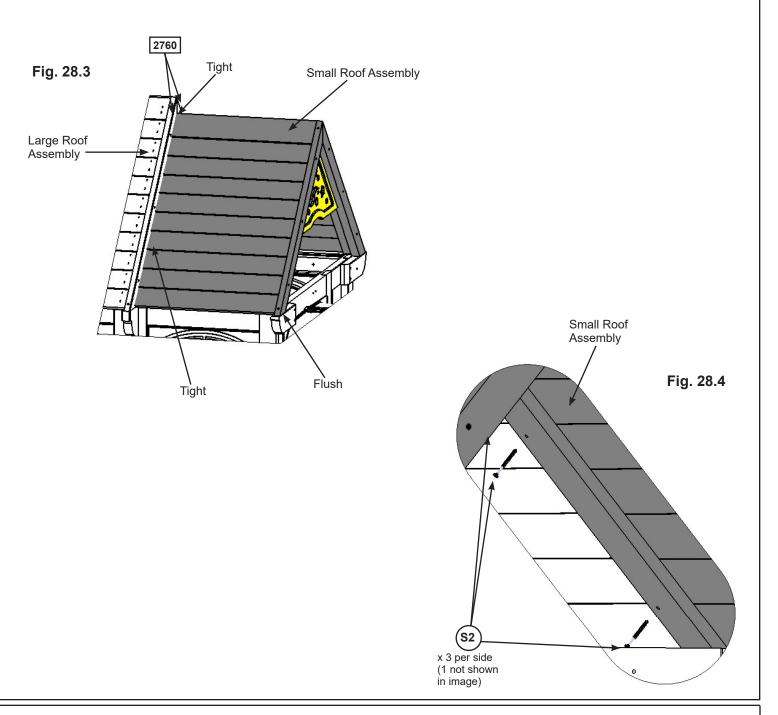






**E:** With 2 people on the ground and at least 1 person in the fort, lift the Small Roof Assembly up and over the Back side of the fort. Guide the Small Roof Assembly onto the fort so it slides under the Large Roof Assembly and the (2760) Roof Supports sit tight to the siding on the Small Roof Assembly. (fig. 28.3)

**F:** Attach Small Roof Assembly to Large Roof Assembly from inside with 3 (S2) Wood Screws per side. Screws to go into (2760) Roof Supports. (fig. 28.4)



### **Hardware**

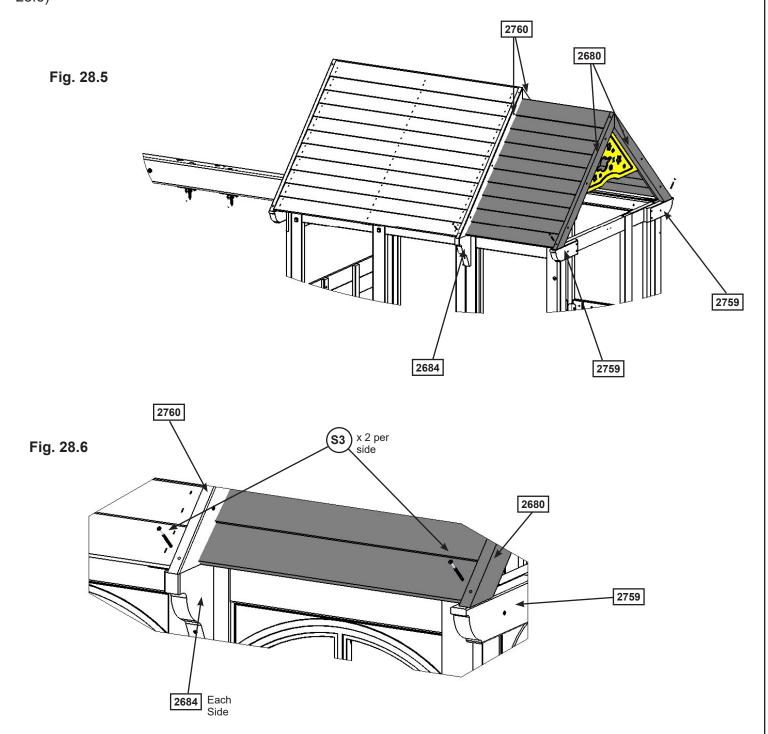
6 x (S2) Wood Screw





**G:** Attach (2760) Roof Supports to both (2684) Mid Roof Ends with 1 (S3) Wood Screw per support. (fig. 28.5 and 28.6)

**H:** Attach (2680) Roof Supports to both (2759) Roof Ends with 1 (S3) Wood Screw per support. (fig. 28.5 and 28.6)



#### **Hardware**

4 x (S3) Wood Screw

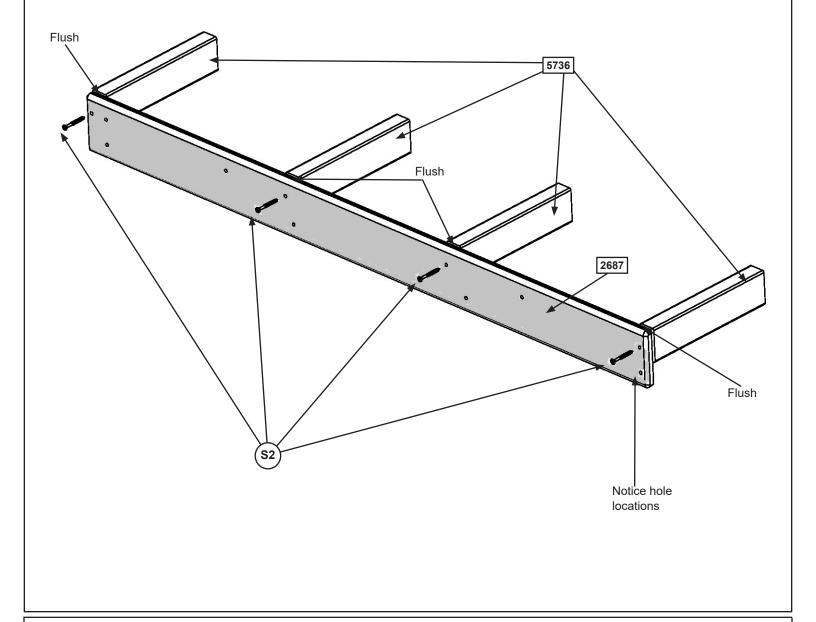
## Step 29: Counter Assembly Part 1



**A:** Flush to each end and to the top of (2687) Counter Back attach 1 (5736) Counter Joist per end with 1 (S2) Wood Screw per joist. Notice the remaining holes at the bottom of (2687) Counter Back. (fig. 29.1)

**B:** Place the remaining 2 (5736) Counter Joists centred over the pilot holes in the middle of (2687) Counter Back and flush to the top of the board, then attach, in the top holes, with 1 (S2) Wood Screw per joist. (fig. 29.1)

Fig. 29.1





1 x 2687 Counter Back 4 x 5736 Counter Joist

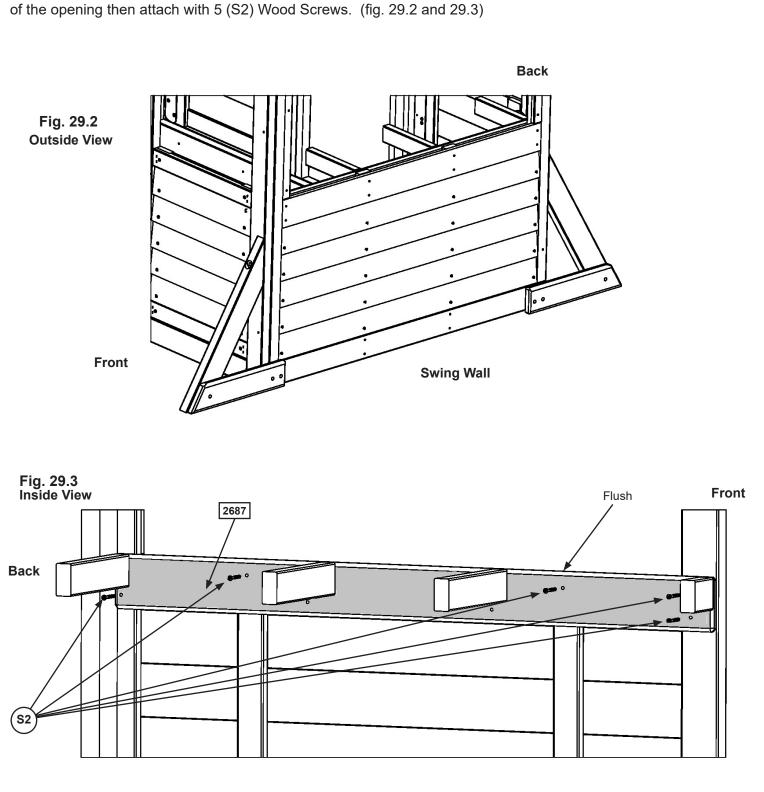
**Hardware** 

4 x (S2) Wood Screw

## **Step 29: Counter Assembly Part 2**



**C:** On the inside of the Swing Wall place Counter Assembly so the top of (2687) Counter Back is flush to the top of the opening then attach with 5 (S2) Wood Screws. (fig. 29.2 and 29.3)





5 x (S2) Wood Screw



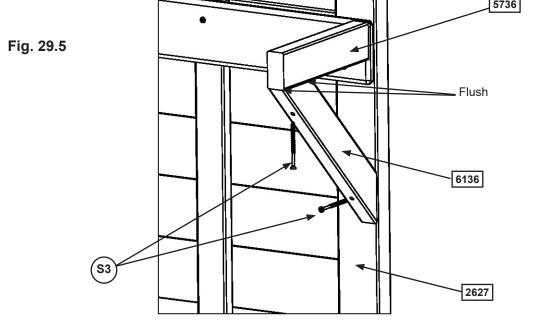
**D:** Place 1 (6136) Counter Brace flush to the front and outside edge of each outer (5736) Counter Joist and tight to the Swing Wall then attach with 2 (S3) Wood Screws per brace. (fig. 29.4 and 29.5)

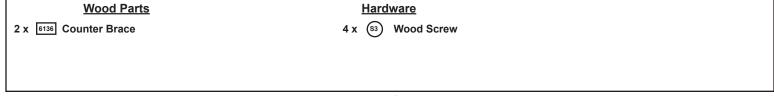
Fig. 29.4

5736

Swing Wall

5736



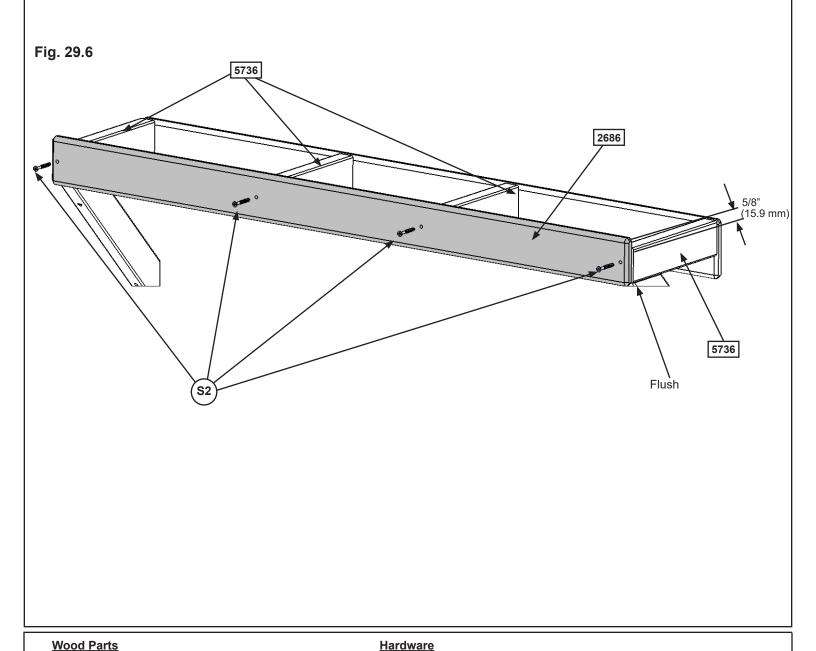


1 x 2686 Counter Front





**E:** Place (2686) Counter Front against (5736) Counter Joists so the ends are flush and the centre (5736) Counter Joists are centred over the pilot holes. Measure 5/8" (15.9 mm) down from the top of (2686) Counter Front on both ends and attach to the (5736) Counter Joists with 4 (S2) Wood Screws. (fig. 29.6)



4 x (S2) Wood Screw

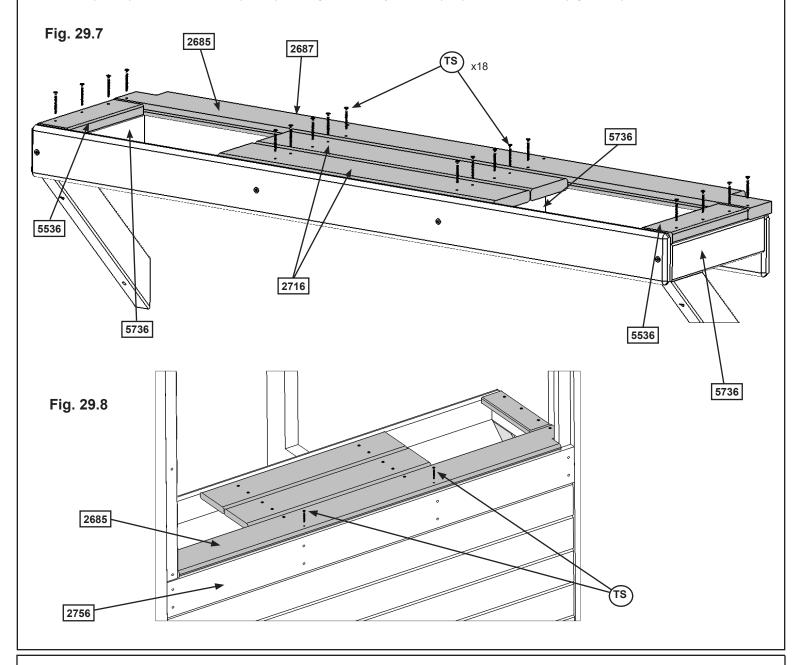


**F:** Tight to (2687) Counter Back attach (2685) Counter Top to each (5736) Counter Joist with 4 (TS) Trim Screws. (fig. 29.7)

**G:** Tight to (2685) Counter Top and flush to the outside edges of the outer (5736) Counter Joists attach 1 (5536) Counter Side per joist with 3 (TS) Trim Screws per board. (fig. 29.7)

**H:** Tight to (2685) Counter Top and centred over the middle 2 (5736) Counter Joists with ends flush to the outside edges attach 2 (2716) Counter Mid Tops with 4 (TS) Trim Screws per board. (fig. 29.7)

I: Attach (2685) Counter Top to (2756) Siding Assembly with 2 (TS) Trim Screws. (fig. 29.8)





2 x 2716 Counter Mid Top

1 x 2685 Counter Top

2 x 5536 Counter Side

#### **Hardware**

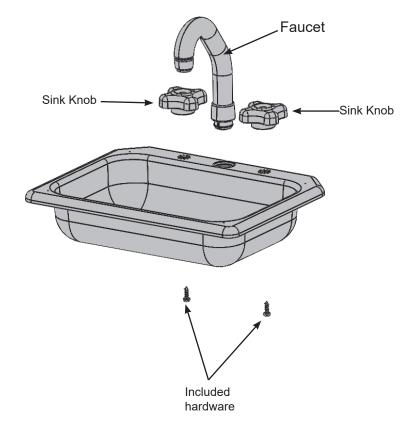
20 x (TS) Trim Screw



J: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 29.9)

Important: Use a hand held screw driver and DO NOT over tighten.

Fig. 29.9



### **Other Parts**

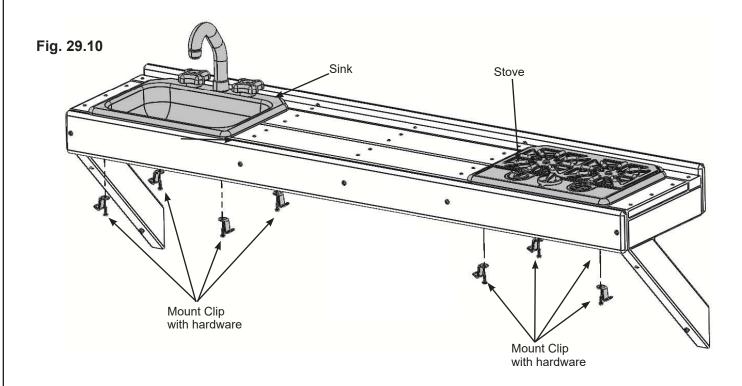
- 1 x Sink
- 2 x Sink Knobs
- 1 x Faucet

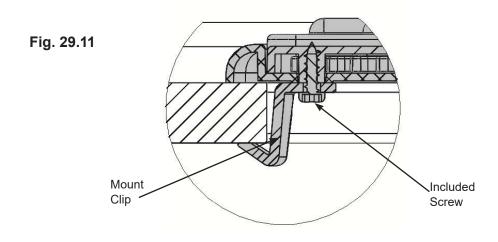


**K:** Place Sink and Stove in the openings of the Counter Assembly then attach 4 Mount Clips with included hardware to the bottom of the Sink and Stove to secure in place. (fig. 29.10 and 29.11)

Important: Use a hand held screw driver and DO NOT over tighten.

Note: To remove the Sink or Stove loosen screw 1/4 turn then twist Mount Clips.





#### **Other Parts**

1 x Stove

8 x Mount Clip

### Step 30: Attach Utensil Shelf



**A:** From inside the assembly, centred in the top of the opening of the Swing Wall above the counter attach Utensil Shelf with 2 (S5) Pan Screws as shown in fig. 30.1 and 30.2.

**B:** Attach Pot, Pan and Spatula to the Utensil Shelf. (fig. 30.1)

Fig. 30.1

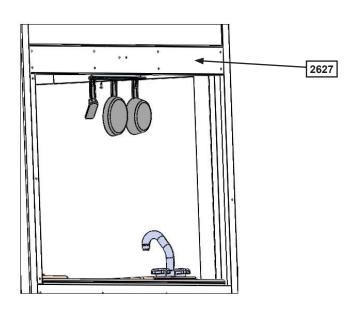
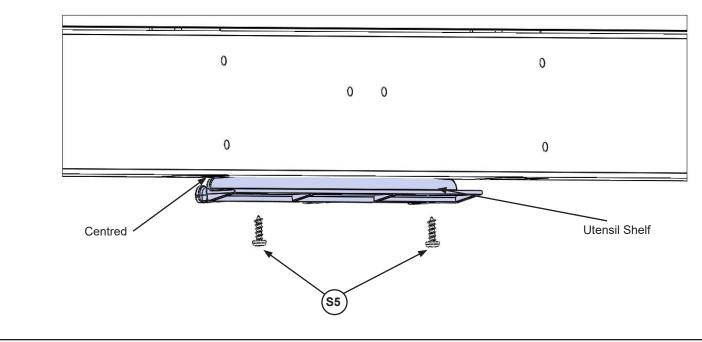


Fig. 30.2



#### **Hardware**

2 x (S5) Pan Screw

### Other Parts

- 1 x Utensil Shelf
- 1 x Pot
- 1 x Pan
- 1 x Spatula

### Step 31: Attach Slides to Fort





A: Place 1 Slide in the centre of each opening at the front of the fort as shown in fig. 31.1, pre-drill with a 1/8" (3.2 mm) drill bit then attach each slide to fort through the (2772) Panel Floor Support using 3 (S7) Pan Screws

per slide. (fig. 31.1, 31.2 and 31.3) Fig. 31.1 Fig. 31.2 Slide 2772 Fig. 31.3 **Front** Wall 2772 Slide

**Hardware** 6 x (S7) Pan Screw **Other Parts** 2 x Slide

### Step 32: Attach Flags

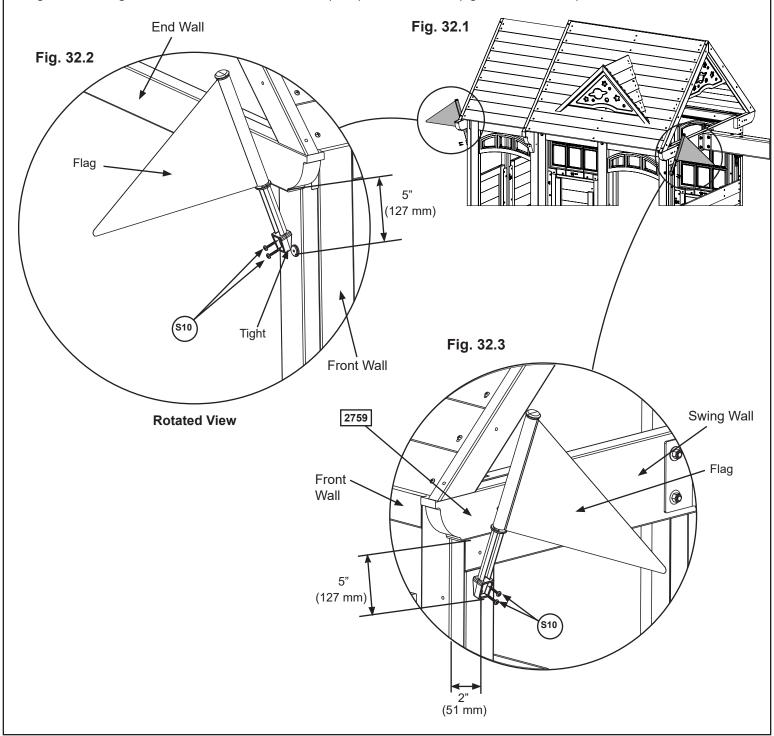






**A:** On the front side of the Swing Wall measure 5" down from the bottom of (2759) Roof End and 2" in from the Front Wall then attach 1 Flag with 2 (S10) Pan Screws per flag. (fig. 32.1 and 32.3)

**B:** On the front side of the End Wall measure 5" down from the bottom of (2759) Roof End then place 1 Flag tight to the Lag Screw head and attach with 2 (S10) Pan Screws. (fig. 32.1 and 32.2)



Hardware
4 x (\$10) Pan Screw

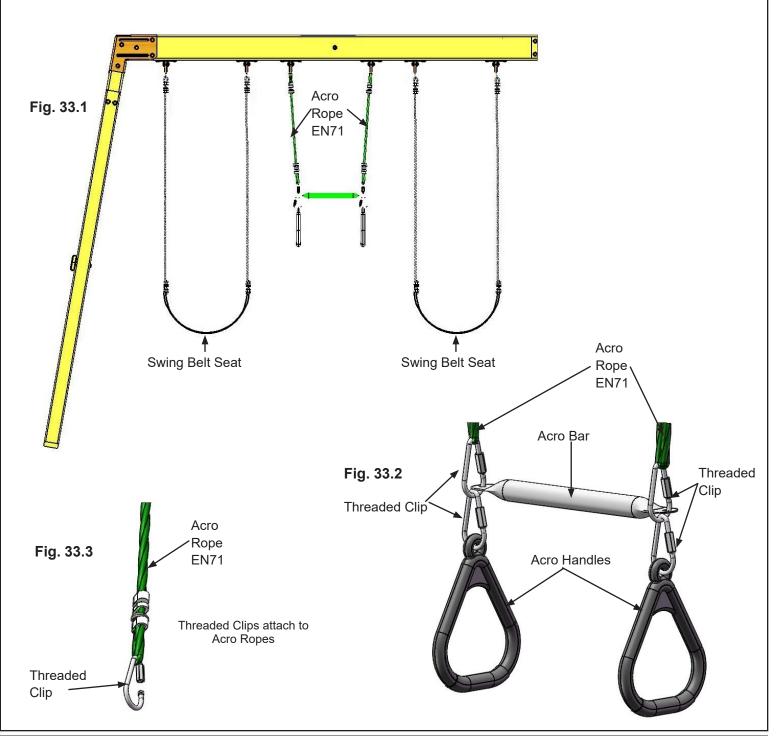
Other Parts 2 x Flag

### Step 33: Attach Belt Swings and Glider



**A:** Attach 1 Threaded Clip to each Acro Rope EN71 and the Acro Bar. Attach another Threaded Clip to each Acro Handle and join with first Threaded Clip. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 33.2 and 33.3)

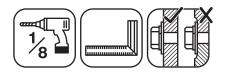
**B:** Attach the end of the swing and acro ropes to the Threaded Clips attached to the swing hangers. (fig. 33.1)



#### **Other Parts**

- 2 x Belt Swings
- 1 x Acro Bar
- 2 x Acro Handle
- 2 x Acro Rope EN71
- 4 x Threaded Clips

### **Step 34: Monkey Ladder Assembly**

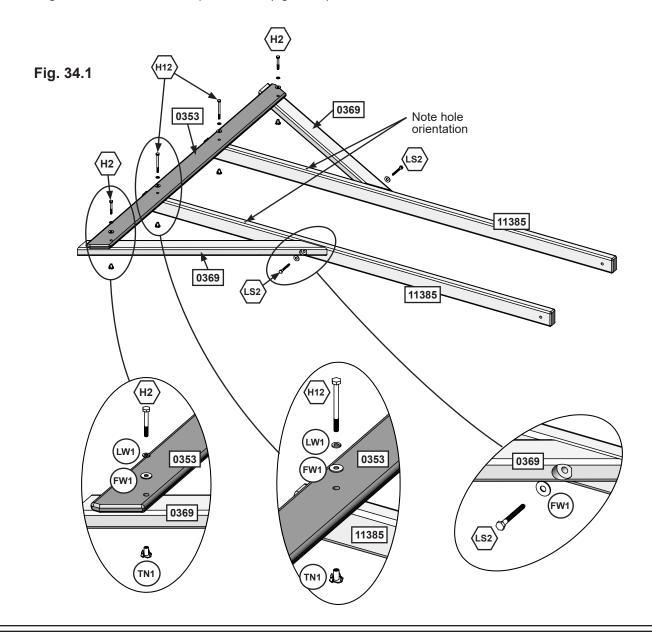


Note: Pre-drill all holes using a 1/8" drill bit before installing the Lag Screws.

A: Place 2 (11385) Post MK's side by side taking note of the hole orientation.

**B:** At bottom of (11385) MK Posts attach (0353) MK Ground with 2 (H12) Hex Bolts (with lock washer, flat washer and t-nut). **Be sure to keep the bolts loose.** (fig. 34.1)

**C:** 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 (11385) Post MK with 1 (LS2) Lag Screw (with flat washer) per diagonal. Once lag screws are installed tighten all bolts from Steps B & C. (fig. 34.1)





<u>Hardware</u>

2 x (H12) Hex Bolt (lock washer, flat washer, t-nut)

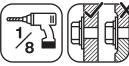
2 x (H2) Hex Bolt (lock washer, flat washer, t-nut)

2 x \(\( \text{LS2} \)\) Lag Screw (flat washer)

### **Step 35: Connect Monkey Bar Assemblies**



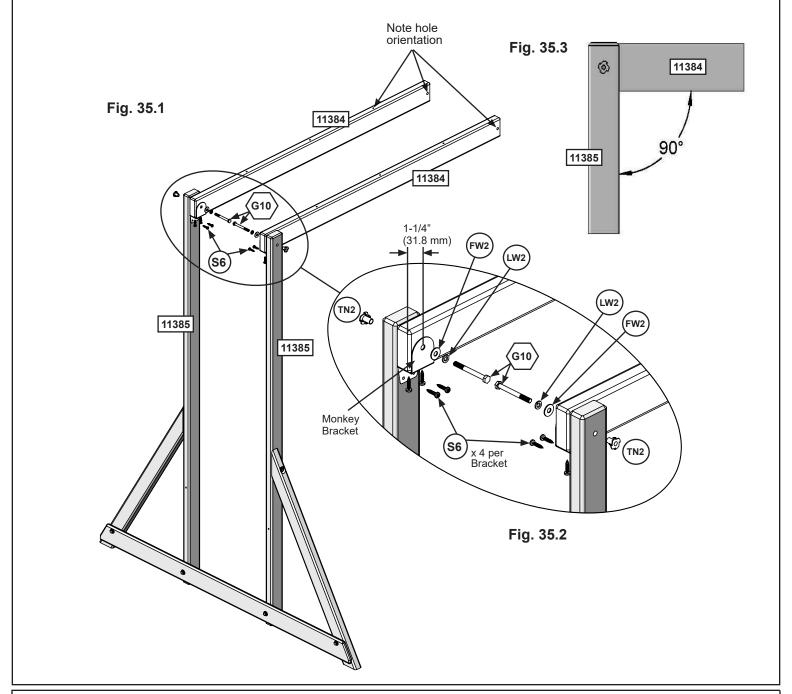




Note: Pre-drill all holes using a 1/8" drill bit before installing the Pan Screws.

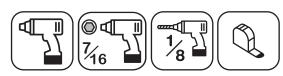
**A:** Using a Monkey Bracket connect both (11384) MK Rail Longs to each (11385) MK Post with 1 (G10) Hex Bolt (with lock washer, flat washer and t-nut) and Monkey Bracket to the rails using 2 (S6) Pan Screws per rail as shown in fig. 35.1 and 35.2. Be sure to attach the correct end, using the 1-1/4" measurement shown in fig. 35.2 as your guide. Note hole orientation.

**B:** Attach Monkey Bracket to both (11385) MK Posts with 2 (S6) #12 x 1" Pan Screws per bracket. (fig. 35.2)





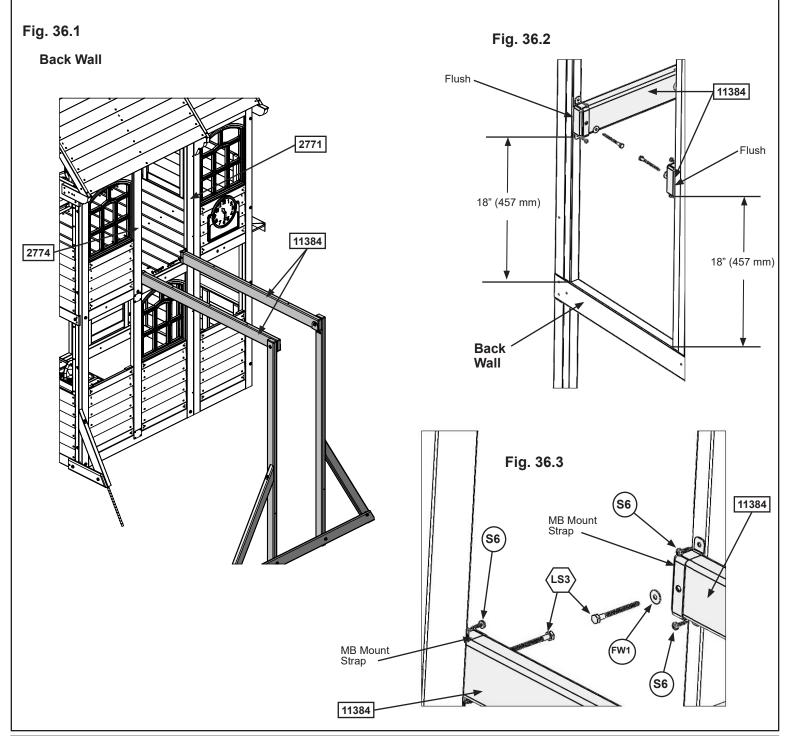
## **Step 36: Connect Monkey Bar Assembly to Fort**



Other Parts
2 x MB Mount Strap

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

**A:** In the opening of the Back Wall measure 18" (457 mm) from the bottom of the opening on both sides then with a MB Mount Strap attach both (11384) MK Rail Longs to (2771) End Post and (2774) Upright 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. 36.1, 36.2 and 36.3.



2 x (LS3) Lag Screw (flat washer)

Pan Screw

**Hardware** 

## Step 37: Monkey Bar Assemblies - Part 1



A: Attach Metal Monkey Bar (488mm) to the MK Post using 2 (WL5) Wafer Lags (with flat washer).(fig.37.1). Fig. 37.1 Metal Monkey Bar **Other Parts** 

Hardware
2 x (WL5) Wafer Lag (1/4" flat washer)

1 x Metal Monkey Bar (488mm)

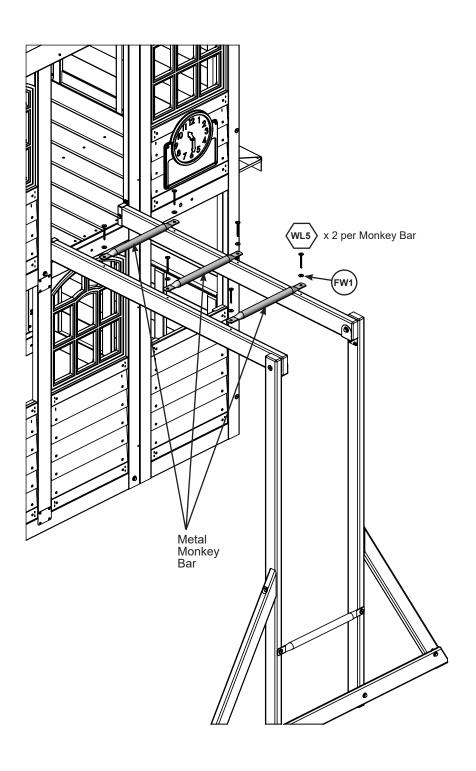
### **Step 37: Monkey Bar Assemblies - Part 2**





B: Attach 3 Metal Monkey Bars to the rails using 2 (WL5) Wafer Lags (with flat washer) per bar. (fig.37.2).

Fig. 37.2



Hardware
6 x WL5 Wafer Lag (1/4" flat washer)

Other Parts
3 x Metal Monkey Bar

### **Step 38: Attach Monkey Ladder Ground Stake**



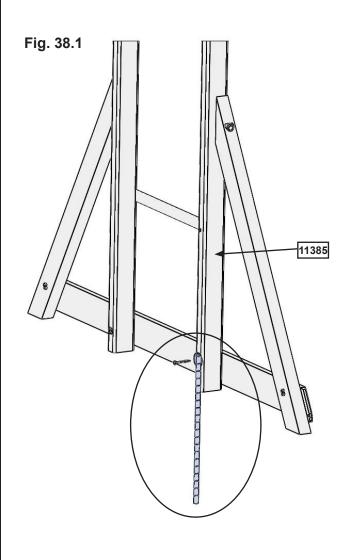


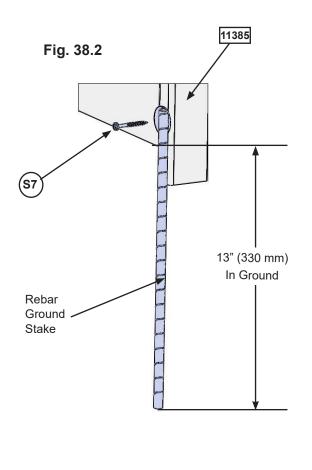


A: Drive 1 Rebar Ground Stake 13" (330 mm) into the ground against (11385) Post MK then attach with 1 (S7) Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 38.1 and 38.2)

**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.





**Hardware** 1 x (S7) Pan Screw

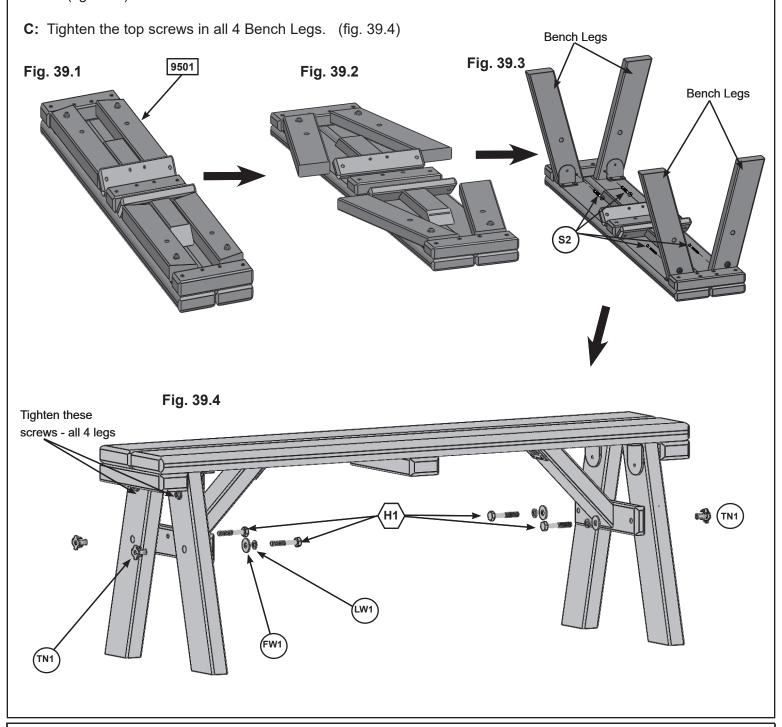
Other Parts 1 x Rebar Ground Stake

### Step 39: Bench Assembly



**A:** Open the (9501) Folding Bench Assembly. Secure with 2 (S2) #8 x 1-1/2" Wood Screw per side. (fig. 39.1, 39.2 and 39.3)

**B:** Make sure assembly is level then secure with 2 (H1) Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 39.4)



### **Wood Parts**

1 x 9501 Folding Bench

#### **Hardware**

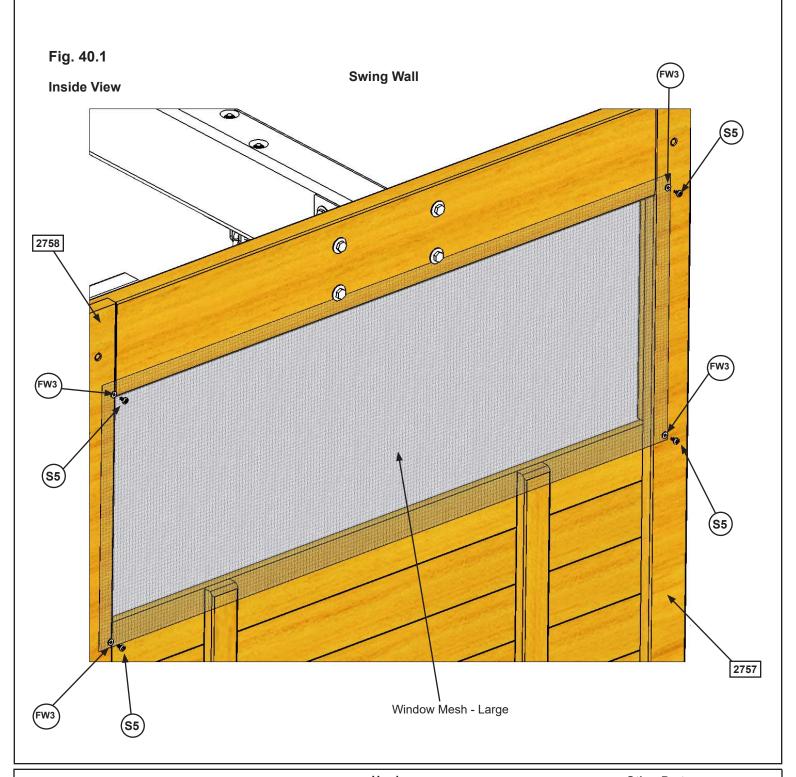
- 4 x H1 Hex Bolt (lock washer, flat washer, t-nut)
- 4 x (S2) Wood Screw

# Step 40: Attach Window Mesh - Large Part 1





**A:** From inside the assembly place the Window Mesh - Large over the upper opening in the Swing Wall, make sure the mesh is smooth and tight then attach all four corners to (2757) LT Post Assembly and (2758) RT Post Assembly with 4 (S5) Pan Screws (with #8 flat washers). (fig. 40.1)



Hardware
4 x (ss) Pan Screw (#8 flat washer)

Other Parts
1 x Window Mesh - Large

# Step 40: Attach Window Mesh - Large Part 2

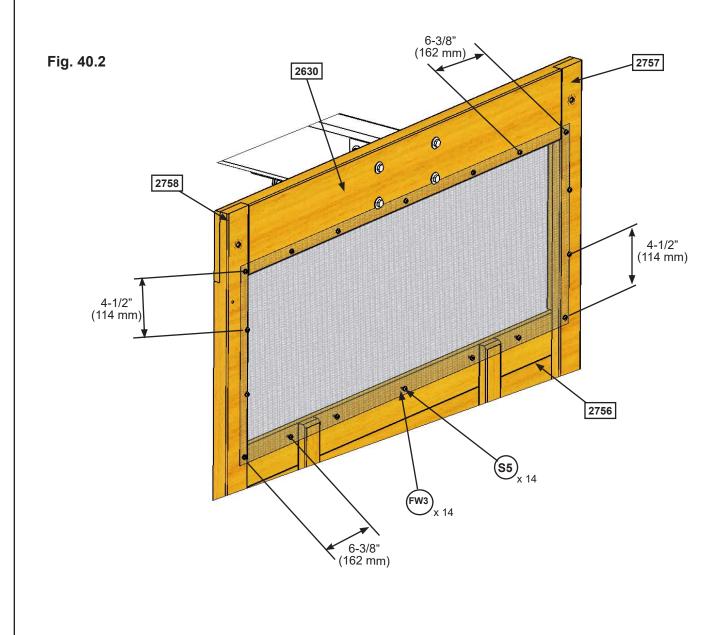






**B:** Along each side measure 4-1/2" (114 mm) down from the top screws and the same dimension up from the bottom screws then attach 2 (S5) Pan Screws (with #8 flat washer) per side to (2757) LT Post Assembly and (2758) RT Post Assembly. (fig. 40.2)

**C:** Along the top and bottom measure 6-3/8" (162 mm) in from the corner screws on one side then attach 5 (S5) Pan Screws (with #8 flat washer) to (2630) SW Top and (2756) Siding Assembly. Each screw to be the same dimension apart. (fig. 40.2)



<u>Hardware</u>

14 x (S5) Pan Screw (#8 flat washer)

### Step 41: Attach Window Mesh - Small



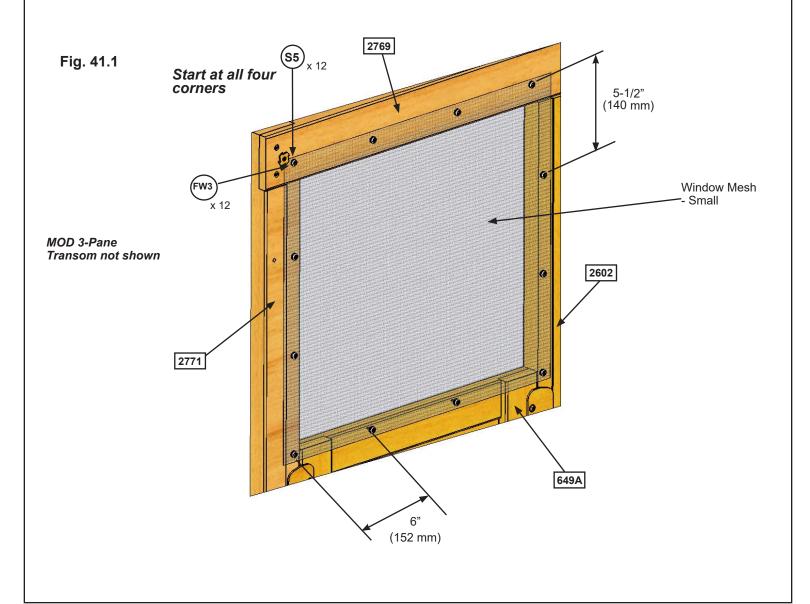




A: From inside the assembly place one Window Mesh - Small over both upper openings in the End Wall, make sure the mesh is smooth and tight then attach all four corners with 4 (S5) Pan Screws (with #8 flat washers) per mesh. (fig. 41.1)

**B:** Along each side measure 5-1/2" (140 mm) down from the top screws and the same dimension up from the bottom screws then attach 2 (S5) Pan Screws (with #8 flat washer) per side per mesh. (fig. 41.1)

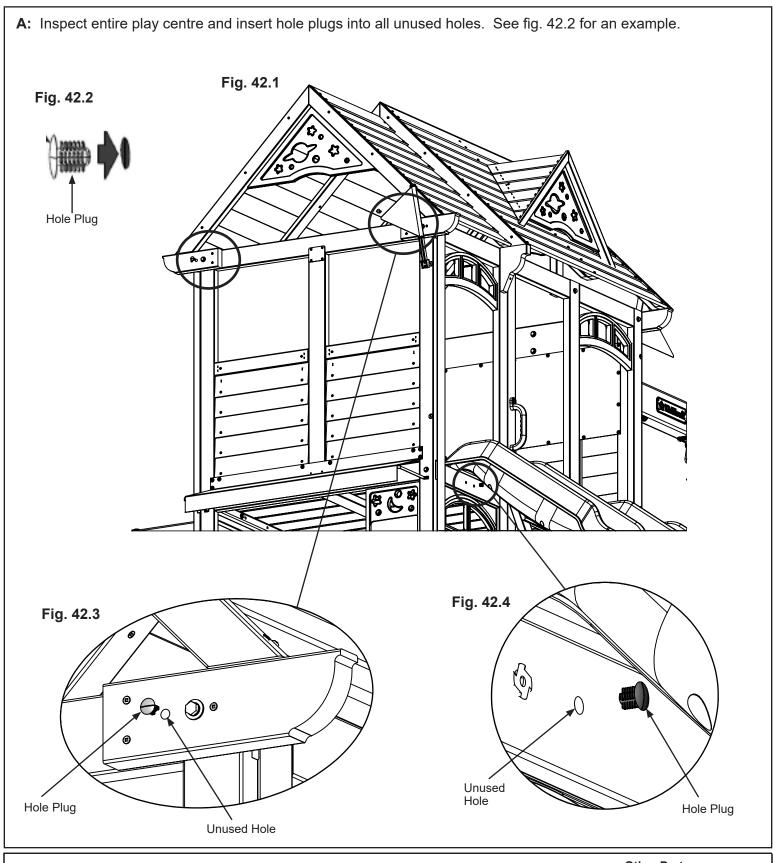
**C:** Along the top and bottom measure 6" (152 mm) in from the corner screws on one side then attach 2 (S5) Pan Screws (with #8 flat washer) per mesh. Each screw to be the same dimension apart. (fig. 41.1)



Hardware
24 x (S5) Pan Screw (#8 flat washer)

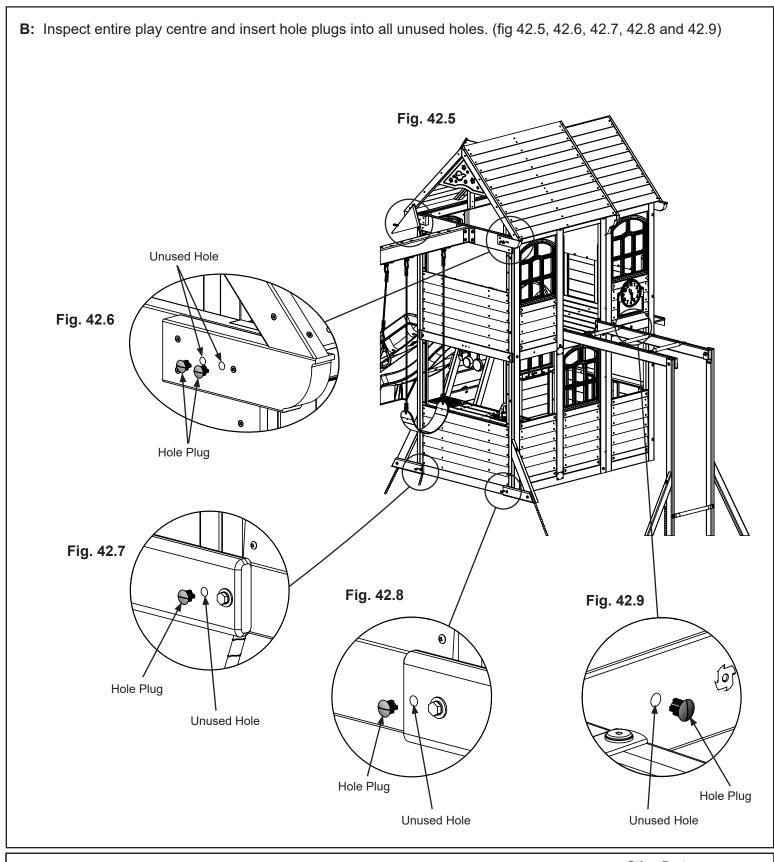
Other Parts
2 x Window Mesh - Small

Step 42: Insert Hole Plugs - Part 1



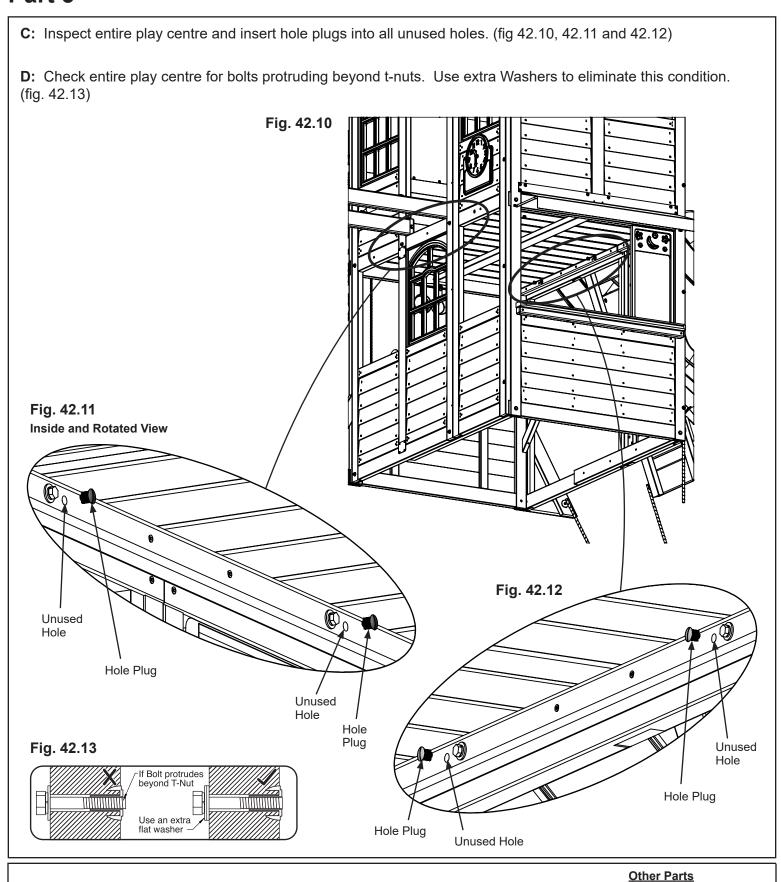
Other Parts
3 x Hole Plugs

Step 42: Insert Hole Plugs - Part 2



Other Parts 7 x Hole Plugs

# Step 42: Insert Hole Plugs - Part 3



94

4 x Hole Plugs

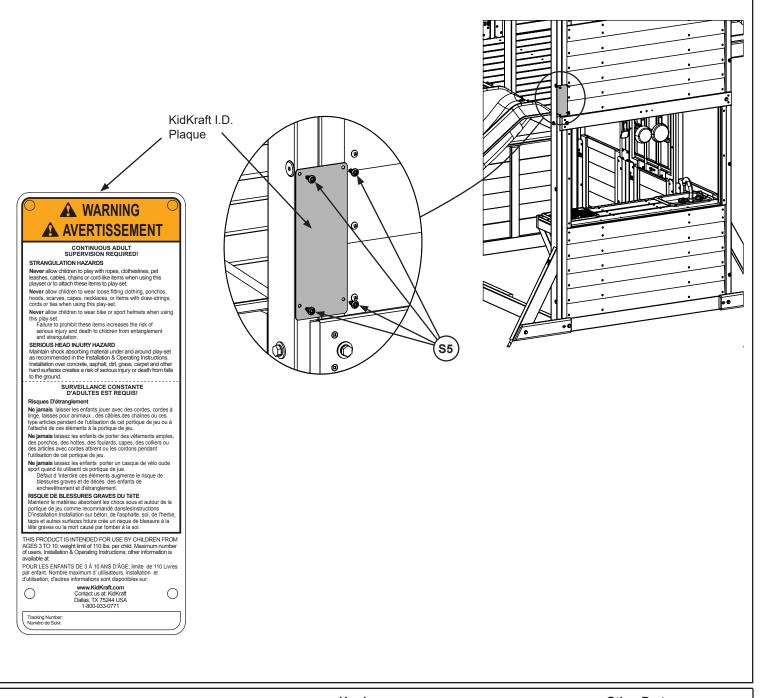
### Final Step: Attach I.D. Plaque



## 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.

A: Attach KidKraft I.D. Plaque 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.



<u>Hardware</u>

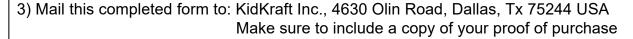
4 x (S5) #8 x 1/2" Pan Screw

Other Parts

1 x KidKraft I.D. Plaque

## 3 EASY WAYS TO REGISTER YOUR PRODUCT 24/7

- 1) Scan this QR Code with your smart phone to complete your product registration directly from your phone:
- 2) Complete the registration online at: <a href="https://www.kidkraft.com/us\_en/warranty/">https://www.kidkraft.com/us\_en/warranty/</a>





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For common questions or for information on ordering replacement parts:



Help Center: <a href="https://kidkraft.zendesk.com/hc/en-us/">https://kidkraft.zendesk.com/hc/en-us/</a>