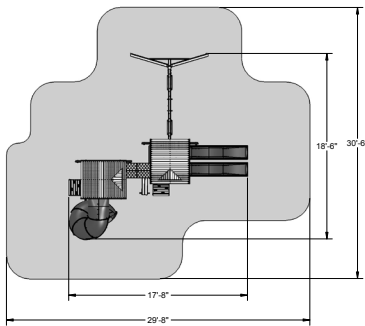


# KINGSBRIDGE – F25010

## INSTALLATION AND OPERATING INSTRUCTIONS



### WARNING

To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play set.

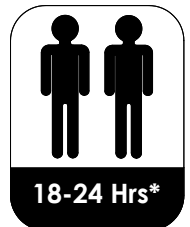
Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE -30' 6" x 29' 8" area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6' 7"

CAPACITY - 14 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

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



Two person assembly



*\*Actual assembly time may vary*



9405010

Rev 09/22/2016

### Cedar Summit

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

### General Inquiries:

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

Toll Free: 1-877-817-5682

Email: [support@cedarsummitplay.com](mailto:support@cedarsummitplay.com)

Web Form/Line Chat: [www.cedarsummitplay.com/contact-us](http://www.cedarsummitplay.com/contact-us)

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## Warnings and Safe Play Instructions



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



### WARNING

#### SERIOUS HEAD INJURY HAZARD

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

#### COLLISION HAZARD

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

#### CHOKING HAZARD/SHARP EDGES & POINTS

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

#### WARNING LABEL

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

#### STRANGULATION HAZARD

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

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

#### TIP OVER HAZARD

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

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



### WARNING – Safe Play Instructions

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

# ! Protective Surfacing - Reducing Risk of Serious Head Injury From Falls

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

## Loose-Fill Materials

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

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

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

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

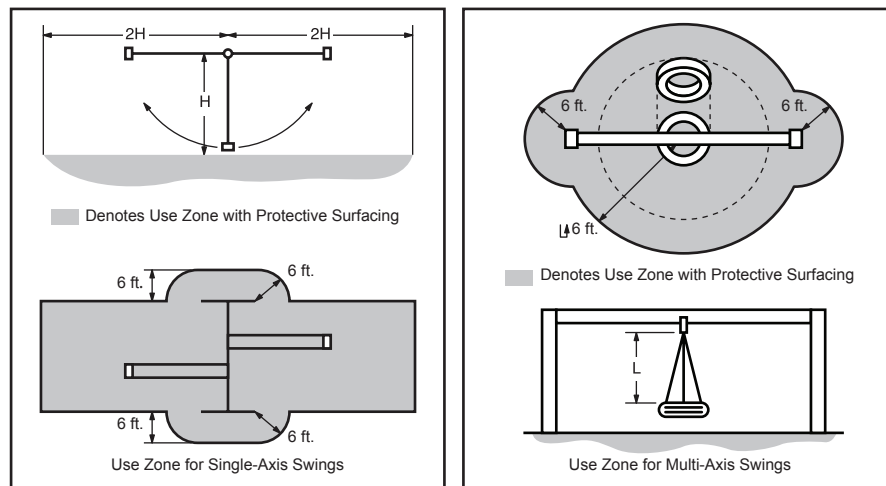
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

## Placement

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

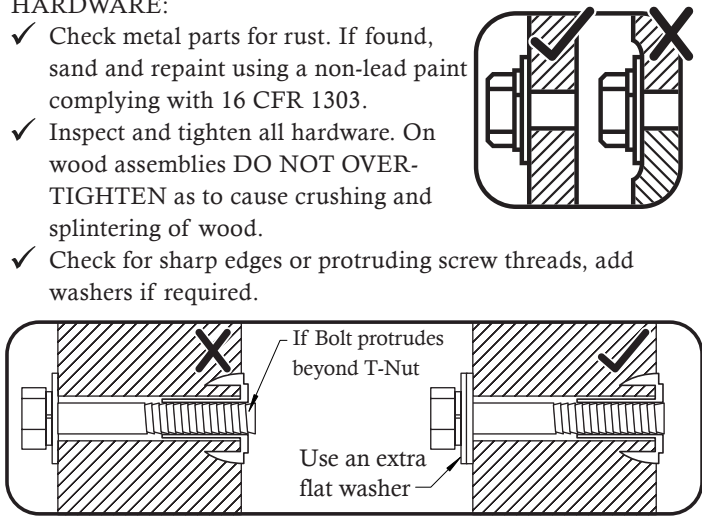
- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius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



# Instructions for Proper Maintenance

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

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

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.</li> <li>✓ Inspect and tighten all hardware. On wood assemblies <b>DO NOT OVER-TIGHTEN</b> as to cause crushing and splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads, add washers if required.</li> </ul>  <p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul>	<p><b>GROUND STAKES (ANCHORS):</b></p> <ul style="list-style-type: none"> <li>✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.</li> </ul> <p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul> <p><b>SWINGS, ROPES AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.</li> </ul> <p><b>WOOD PARTS:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.</li> </ul>
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## Check twice a month during play season:

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Inspect for tightness. Must be firmly against, but not crushing the wood. <b>DO NOT OVER-TIGHTEN.</b> This will cause splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads. Add washers if required.</li> </ul>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul>
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## Check once a month during play season:

<p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul>	<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.</li> </ul>
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## Check at the end of the play season:

<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> </ul>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul>
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**If you dispose of your play set:** Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.



# About Our Wood

Cedar Summit 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" x 4") will experience more checking than a board (1" x 4") 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, applying a water repellent or stain on a yearly basis is important maintenance. (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.

### 5 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.

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

Regular maintenance is required to assure the integrity of your Play System. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

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

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

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

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

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

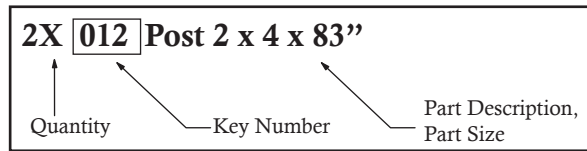
# Keys to Assembly Success

## Tools Required

<ul style="list-style-type: none"> <li>• Tape Measure</li> <li>• Carpenters Level</li> <li>• Carpenters Square</li> <li>• Claw Hammer</li> <li>• Standard or Cordless Drill</li> </ul>	<ul style="list-style-type: none"> <li>• #1, #3 Phillips or Robertson bit or Screwdriver</li> <li>• Ratchet(1/2", 7/16" &amp; 9/16" sockets)</li> </ul>	<ul style="list-style-type: none"> <li>• Open End Wrench (1/2", 7/16" &amp; 9/16")</li> <li>• Adjustable Wrench</li> <li>• 1/8" &amp; 3/16" Drill Bits</li> </ul>	<ul style="list-style-type: none"> <li>• 3/16" Hex Key</li> <li>• 8' Step Ladder</li> <li>• Safety Glasses</li> <li>• Adult Helpers</li> <li>• Pencil</li> </ul>
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## 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.



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

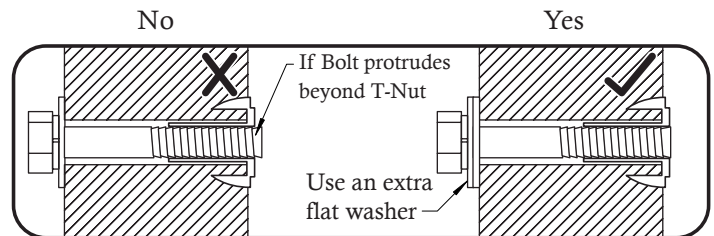
## Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>		<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p>
<p>Use Help</p>	<p>Use Help</p>	<p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>
<p>Measure Distance</p>	<p>Check that assembly is square before tightening bolts.</p>	<p>Square Assembly</p>
<p>Pre-drill 1/8" &amp; 3/16" Bit</p> <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p>		<p>Tighten Bolts</p> <p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>

## CAUTION – Protrusion Hazard

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

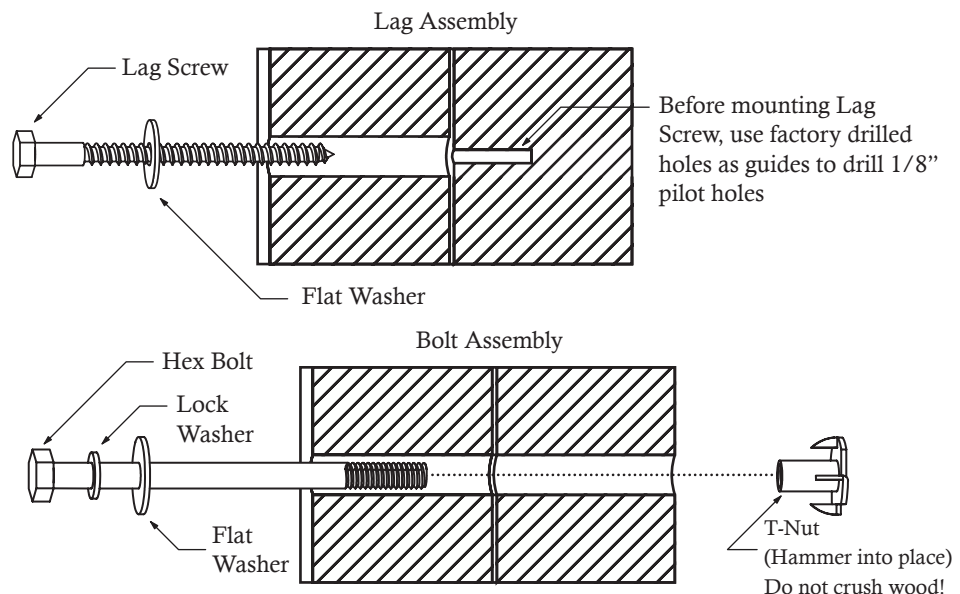


## Proper Hardware Assembly

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

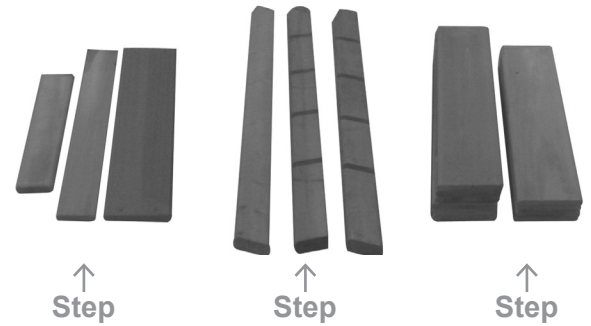
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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



# Your Key To Quick Assembly

**SORTING WOOD PARTS INTO  
EACH ASSEMBLY STEP WILL  
SAVE TIME!**



## **SAVE TIME - TIP #1:**

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

<b>2X</b>	<b>0124</b>	<b>Post</b>	<b>2 x 4 x 83"</b>
↑	↑	↑	↑
Part Quantity	Key Number	Part Description	Part Size

## **SAVE TIME - TIP #2:**

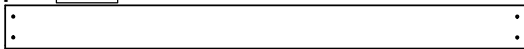
In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

## **HARDWARE:**

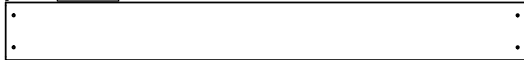
The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.

# Part Identification (Next Generation E)

1pc. - **[2648]** - 1 x 4 x 40-5/8" - Floor Board **3632648**



8pc. - **[2609]** - 1 x 5 x 40-5/8" - Floor Board **3632609**



2pc. - **[2780]** - 1 x 6 x 19" RK Board A **3632780**



2pc. - **[2779]** - 1 x 6 x 19" Access Board **3632779**



3pc. - **[2781]** - 1 x 6 x 19" RK Board B **3632781**



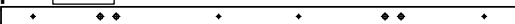
2pc. - **[2778]** - 5/4 x 4 x 14 1/4" SW Ground MOD **3632778**



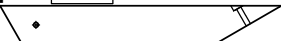
1pc. - **[2616]** - 5/4 x 4 x 46-1/2" SW Support **3632616**



2pc. - **[2777]** - 2 x 2 x 40-1/4" Side Joist MOD **3632777**



2pc. - **[2607]** - 1-1/4 x 3 x 22" Diagonal **3632607**



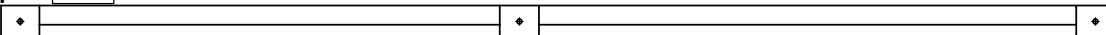
2pc. - **[2776]** - 1-1/4 x 2-1/2 x 51" Rock Rail **3632776**



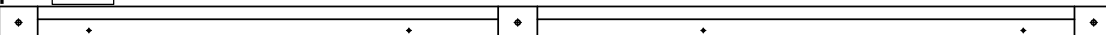
1pc. - **[2608]** - 1-1/4 x 3 x 40-3/4" - Floor Joist **3632608**



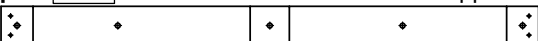
3pc. - **[2770]** - 1-1/4 x 2-1/2 x 87" End Post Left **3632770**



3pc. - **[2771]** - 1-1/4 x 2-1/2 x 87" End Post **3632771**



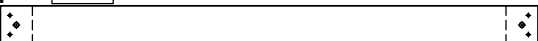
2pc. - **[2772]** - 1-1/4 x 3 x 42" Panel Floor Support **3632772**



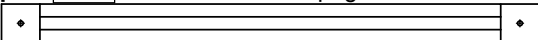
2pc. - **[2775]** - 1-1/4 x 3 x 42" Panel Cross Support **3632775**



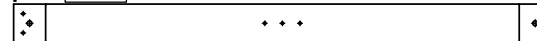
5pc. - **[2769]** - 1-1/4 x 3 x 42" Panel BT Frame **3632769**



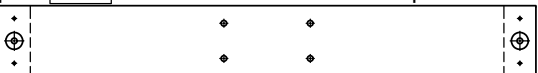
2pc. - **[2774]** - 1-1/4 x 3 x 42" Upright **3632774**



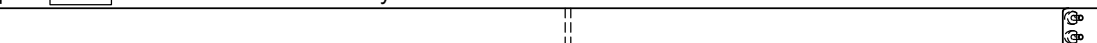
2pc. - **[2768]** - 1-1/4 x 3 x 42" Panel Floor **3632768**



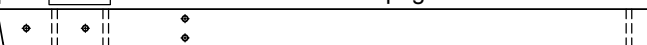
1pc. - **[2630]** - 1-1/4 x 5-1/2 x 42" SW Top **39632630**



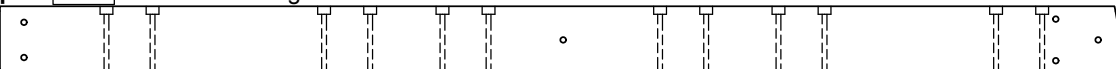
2pc. - **[2613]** - 2 x 3 x 86-11/16" Heavy SW Post **3632613**



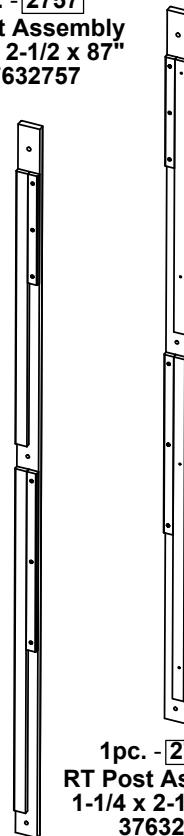
1pc. - **[2615]** - 4 x 4 x 50-15/16" SW Upright **3632615**



1pc. - **[2614]** - 4 x 6 x 88" Engineered Beam **3632614**



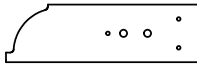
1pc. - **[2757]**  
LT Post Assembly  
1-1/4 x 2-1/2 x 87"  
**37632757**



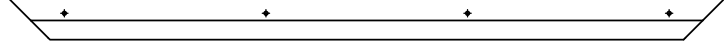
1pc. - **[2758]**  
RT Post Assembly  
1-1/4 x 2-1/2 x 87"  
**37632758**

# Add On "G" Part Identification (Quantities per box) (2 Boxes)

4pc. - [2759] Roof End 1-1/4 x 3 x 10" - 3632759



4pc. - [2760] - Roof Support 1 1/4 x 2 1/4 x 37 1/2" - 3632760



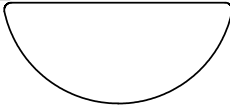
2pc. - [2761] - Roof Sleeper C 3/4 x 2 x 35" - 3632761



2pc. - [9080] MOD Sunburst A 1 x 4 x 11-1/2" 3639080



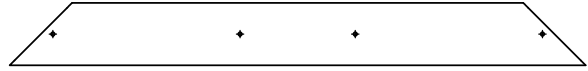
2pc. - [8305] Starburst Centre 5/4 x 6 x 12" - 3638305



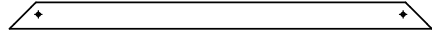
1pc. - [8069] Dormer Cleat 2 x 4 x 10" - 3638069



2pc. - [9082] MOD Sunburst Bottom 1 x 4 x 30" - 3639082



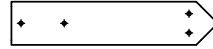
1pc. - [8073] Dormer Bottom 1 x 2 x 22" - 3638073



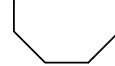
2pc. - [8070] Dormer Side 1 x 3 x 13-5/8" - 3638070



1pc. - [8071] Dormer Centre 1 x 3 x 10-3/4" - 3638071



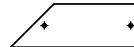
1pc. - [8074] Dormer Burst 1 x 4 x 5-1/2" - 3638074



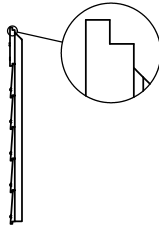
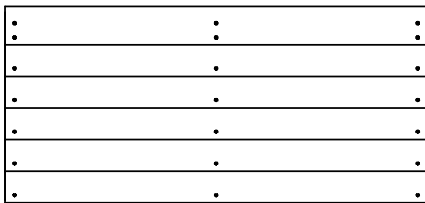
4pc. - [9081] MOD Sunburst B 1 x 4 x 7-1/4" - 3639081



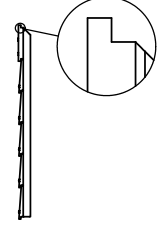
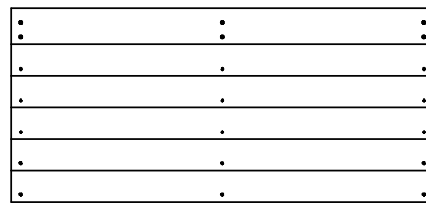
2pc. - [8072] Dormer Side Burst 1 x 3 x 6-3/4" - 3638072



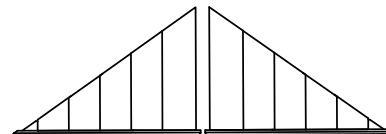
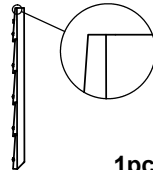
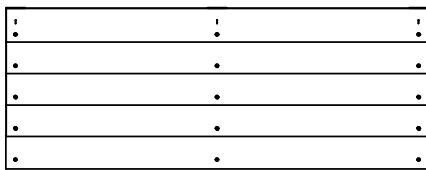
1pc. - [2752] - MOD Roof Front 1 1/4 x 20-7/16 x 44" 37632752



1pc. - [2753] - MOD Roof Back 1-1/4 x 20-3/16 x 44" 37632753

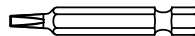


2pc. - [2751] - MOD Roof Bottom 1-3/16 x 16-13/16 x 44" 37632751



1pc. - [8068] - Dormer Roof Set (Right/Left Dormer) 3638068

1pc. (D4) - 2x2 Robertson Driver Bit (9200014)



2x - Narrow Angle Bracket Set (2 Pk) (3200632)



14pc. (S30) - Wood Screw #8 x 1-1/16" (52043517)



35pc. (S20) - Wood Screw #8 x 1-3/8" - (52043516)



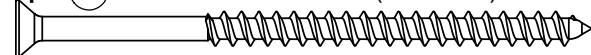
30pc. (S11) - Wood Screw #8 x 2" (52043520)



8pc. (S3) - Wood Screw #8 x 2-1/2" (52043522)



2pc. (S4) - Wood Screw #8 x 3" (52043530)



10pc. (S0) - Truss Screw #8 x 7/8" (52933505)



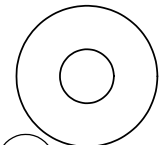
4pc. (LW1) - 1/4" Lock Washer (51303200)



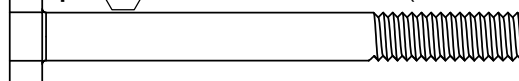
4pc. (TN1) - 1/4" T-Nut (54503200)



4pc. (FW1) - 1/4" Flat Washer (51103200)



4pc. (H3) - Hex Bolt 1/4 x 2-1/2" - (53703222)





# Add on "H" Part Identification (Reduced Part Size)

**1pc. - [2648]** - 1 x 4 x 40-5/8" - Floor Board - **3632648**

**8pc. - [2609]** - 1 x 5 x 40-5/8" - Floor Board - **3632609**

**2pc. - [2779]** - 1 x 6 x 19" - Access Board - **3632779**

**2pc. - [2780]** - 1 x 6 x 19" - RK Board A - **3632780**

**2pc. - [2777]** - 2 x 2 x 40-1/4" - Side Joist MOD - **3632777**

**1pc. - [2602]** - 1-1/4 x 3 x 35-15/16" - Upper Jamb - **3632602**

**2pc. - [2601]** - 1-1/4 x 3 x 41-15/16" - Lower Jamb - **3632601**

**1pc. - [2608]** - 1-1/4 x 3 x 40-3/4" - Floor Joist - **3632608**

**2pc. - [2768]** - 1-1/4 x 3 x 42" - Panel Floor - **3632768**

**2pc. - [2775]** - 1-1/4 x 3 x 42" - Panel Cross Support - **3632775**

**1pc. - [2685]** - 1 x 4 x 40-5/8" - Counter Top - **3632685**

**2pc. - [2772]** - 1-1/4 x 3 x 42" - Panel Floor Support - **3632772**

**1pc. - [2686]** - 5/8 x 2-3/4 x 40-5/8" - Counter Front - **3632686**

**1pc. - [2804]** - 5/4 x 3 x 39" - Wall Top - **3632804**

**5pc. - [2769]** - 1-1/4 x 3 x 42" - Panel BT Frame - **3632769**

**2pc. - [2774]** - 1-1/4 x 3 x 42" - Upright - **3632774**

**1pc. - [2687]** - 1 x 4 x 40-5/8" - Counter Back - **3632687**

**2pc. - [2776]** - 1-1/4 x 2-1/2 x 51" - Rock Rail - **3632776**

**3pc. - [2771]** - 1-1/4 x 2-1/2 x 87" - End Post - **3632771**

**3pc. - [2770]** - 1-1/4 x 2-1/2 x 87" - End Post Left - **3632770**

**1pc. - [2758]** - 1-1/4 x 2-1/2 x 87" - RT Post Assembly - **37632758**

**1pc. - [2757]** - 1-1/4 x 2-1/2 x 87" - LT Post Assembly - **37632757**

**2x - [2756]** - 1-1/4 x 19-15/16 x 39-3/16" Siding Assembly - (37632756)

**1x - [2665]** - 1.4 x 20-1/4 x 38.8" Half Wall Insert - (37632665)

**3pc. - [2781]** - 1 x 6 x 19" - RK Board B - **3632781**

**2pc. - [2607]** - 1-1/4 x 3 x 22" - Diagonal - **3632607**

**2pc. - [2778]** - 5/4 x 4 x 14-1/4" SW Ground MOD - **3632778**

**2pc. - [2716]** - 1 x 4 x 17-5/8" - Counter Mid Top - **3632716**

**1pc. - [2630]** - 1-1/4 x 5-1/2 x 42" - SW Top - **39632630**

**1pc. - [9083]** - 1-1/4 x 3 x 19-1/4" - Steering Wheel Block - **3639083**

**2pc. - [6136]** - 1 x 2 x 12-9/16" Counter Brace - 38046136

**2pc. - [5536]** - 5/8 x 2 x 6-3/4" Counter Side - **38045536**

**4pc. - [5736]** - 1 x 2 x 8-1/4" Counter Joist - **38045736**

**3x - Jamb Mount (2 Pk) (3206301)**

**1x - Rocks (5pk) (3320386)**

**1pc. - [2658]** - 2-13/32 x 6-3/4 x 34" Folding Bench - **37632658**

**2x - Rebar Ground Stake (9290318)**

**1x - [2655]** - 1.27 x 18.8 x 35.86" Upper Window Insert (37632655)

**4x - [2649]** - 1.27 x 18.8 x 41.91" Lower Window Insert (37632649)

Nominal Size	Actual Size
5/4 x 5	15/16 x 4-1/4
5/4 x 6	15/16 x 5-1/4
2 x 2	1-1/2 x 1-1/2
1 x 4	5/8 x 3-3/8
1 x 6	5/8 x 5-3/8
1-1/4 x 2-1/4	1-1/4 x 2-1/4
1-1/4 x 3	1-1/4 x 3
4 x 4	3 x 3
4 x 6	3 x 5-1/4

**1x - Corner Bracket Set (2 Pk) - (3206571)**

**1x - Deluxe Kitchen Set (3320969)**

**1x - Pot Pan Spatula (9320889)**

**1x - Faucet (9320881)**

**1x - Sink Knob (Red) (9320382)**

**1x - Sink Knob (Blue) (9320482)**

**1x - Deep Sink (9320969)**

**1x - Mod 3 Pane Transom - (9320138)**

**1x - Stove (3320784)**

**10x - #6 x 10mm Blunt Point Pan Screw (52402902)**

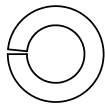
**8x - Mount Clips (9320088)**

**1x - Hand Grip (9320240)**

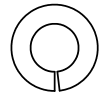
**1x - Steering Wheel (3320255)**

# Add on "H" Hardware Identification (Actual Size)

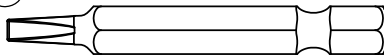
(2) **LW2** - 5/16" Lock Washer - (51303300)



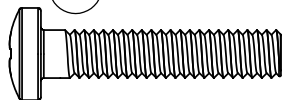
(41) **LW1** - 1/4" Lock Washer - (51303200)



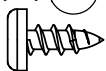
(1) **D4** - 2 x 2 Robertson Driver Bit - (9200014)



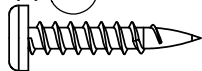
(5) **PB2** - Pan Bolt 1/4 x 1-1/4" - (53433212)



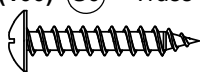
(10) **S13** - Pan Screw #6 x 5/8" - (52413908)



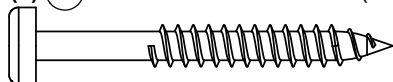
(5) **S10** - Pan Screw #8 x 1" - (52433510)



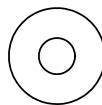
(100) **S0** - Truss Screw #8 x 7/8" - (52933505)



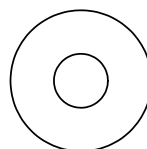
(4) **S7** - Pan Screw #12 x 2" - (52433620)



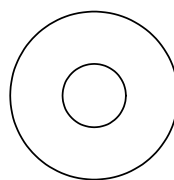
(5) **FW0** - 3/16" Flat Washer - (51103100)



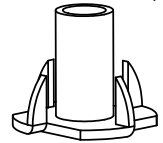
(44) **FW1** - 1/4" Flat Washer - (51103200)



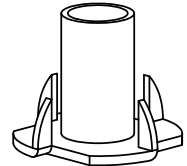
(6) **FW2** - 5/16" Flat Washer - (51103300)



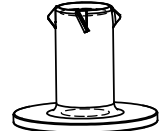
(36) **TN1** - 1/4" T - Nut - (54503200)



(2) **TN2** - 5/16" T - Nut - (54503300)



(5) **BN1** - 1/4" Barrel Nut - (54803200)



(22) **TS** - Trim Screw #6 x 30mm - (52953911)



(70) **S30** - Wood Screw #8 x 1-1/16" - (52043517)



(90) **S20** - Wood Screw #8 x 1-3/8" - (52043516)



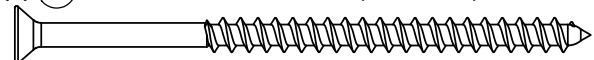
(10) **S11** - Wood Screw #8 x 2" - (52043520)



(16) **S3** - Wood Screw #8 x 2-1/2" - (52043522)

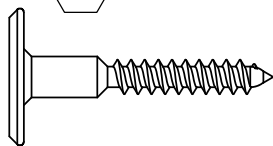


(6) **S4** - Wood Screw #8 x 3" - (52043530)

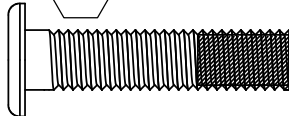


# Add on "H" Hardware Identification (Actual Size)

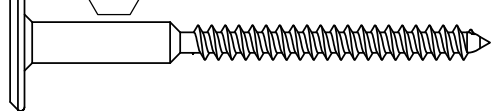
2pc. **WL3** - Wafer Lag 1/4 x 1-3/8" - (52613216)



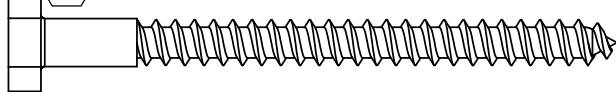
2pc. **WB1** - Wafer Bolt w/ Nylok 5/16 x 1" - (53613310)



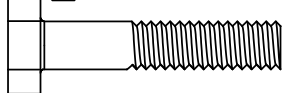
(17) **WL5** - Wafer Lag 1/4 x 2-1/2" - (52613222)



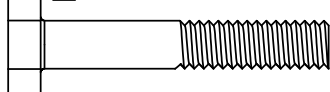
2pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



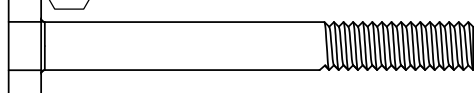
24pc. **H9** - Hex Bolt 1/4 x 1-1/4" - (53703211)



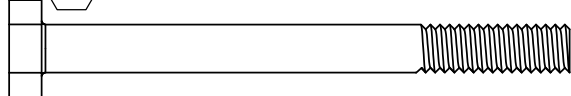
4pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



4pc. **H10** - Hex Bolt 1/4 x 2-1/4" - (53703221)

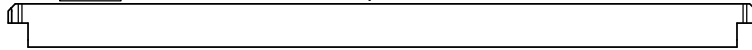


4pc. **H11** - Hex Bolt 1/4 x 2-3/4" - (53703223)

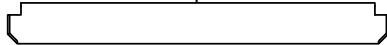


# Add on "J" Part Identification

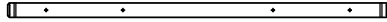
1pc. - [2804] - 5/4 x 3 x 39" Wall Top **3632804**



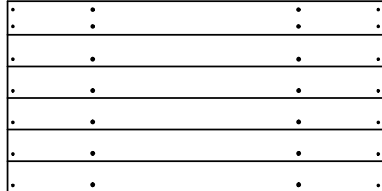
1pc. - [2611] - 5/4 x 5 x 39-5/8"  
Table Top **3632611**



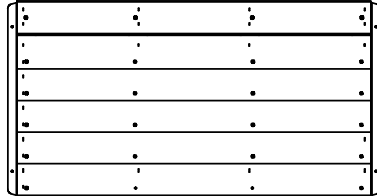
1pc. - [2612] - 2 x 2 x 39-5/8"  
Table Support **3632612**



2pc. - [2756] - 1-1/4 x 19-15/16 x 39-3/16"  
Siding Assembly **37632756**



1pc. - [2665] - 1.4 x 20-1/4 x 38.8"  
Half Wall Insert **37632665**

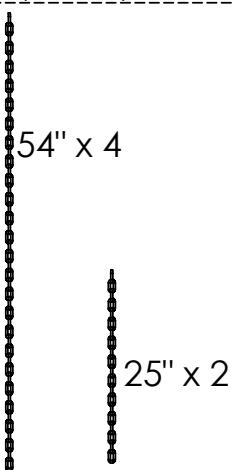


2x - Acro Handle  
(9200133)



1x - Quick Link  
(Threaded)(6pk)  
(3206020)

1x - Welded Chain Bag  
(3200170)



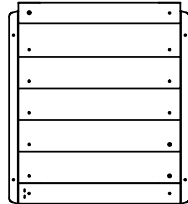
1pc. - [2715] - 5/4 x 3 x 10"  
Door Stop **3632715**



1pc. - [2717] - 3/4 x 1-3/4 x 9-3/4"  
Clock Block **3632717**



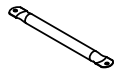
3pc. - [649A]  
1.27 x 18.8 x 20-15/16"  
Short Half Wall  
**37632649A**



1pc.  
MOD 3 Pane Transom  
(2Pk) 3320138



3pc. - MOD Arch  
(9333603)



1x - Steel Acro Bar  
(9200131)



1pc. - Corner Bracket  
Set (2 Pk)  
(3206571)



1pc. - Cedar Summit  
ID Plaque  
(9320357)

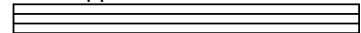


1pc. - Cedar Summit Plaque  
(9320358)

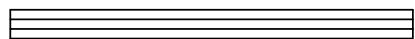
1x - Rocks (5pk)  
(3320386)



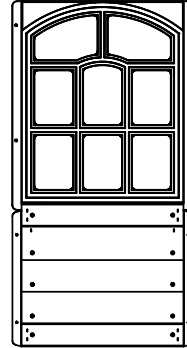
1pc. - [2602] - 1-1/4 x 3 x 35-15/16"  
Upper Jamb **3632602**



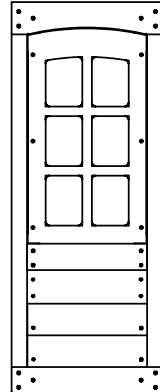
2pc. - [2601] - 1-1/4 x 3 x 41-15/16"  
Lower Jamb **3632601**



2pc. - [2655]  
1.27 x 18.8 x 35.86"  
Upper Window Insert  
**37632655**



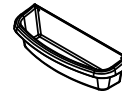
1pc. - [2709]  
1-1/4 x 15-3/4 x 40-3/4"  
Door Window Panel  
**37602709B**



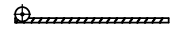
1x - L Beam Brkt.  
(3200145) (2pk)



3x - Jamb Mount (2 Pk)  
(3206301)



1pc. - Flower Box  
(9320401)



1x - Rebar Ground  
Stake (6 Pk)  
(3200318)



1pc. - Gable Clock Assembly  
(3320164)

2x - Swing Belt Seat  
(9320130)



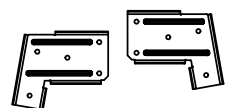
1x - Swing Hanger (6 Pk)  
(3206106)



1x - Hand Grip  
Yellow (9320240)

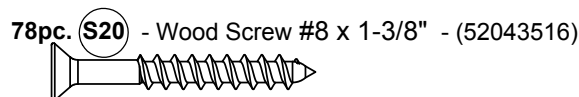
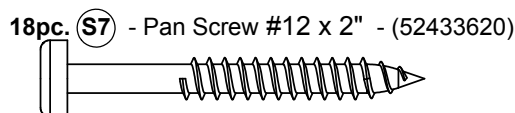
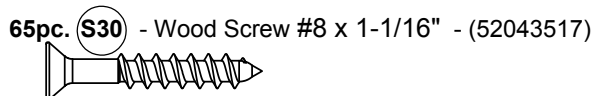
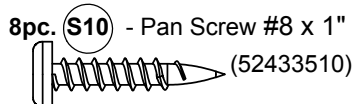
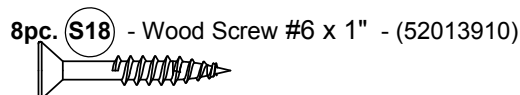
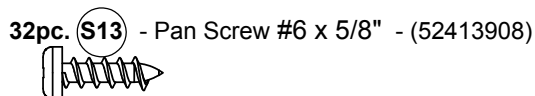
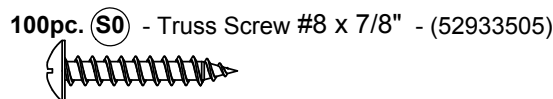
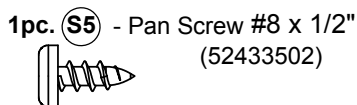
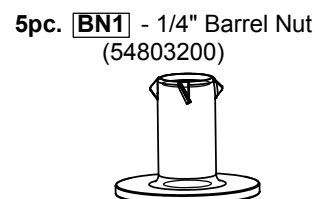
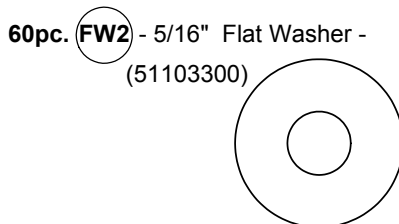
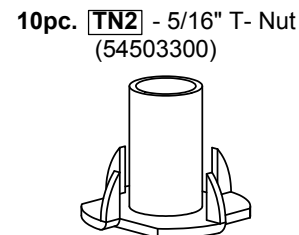
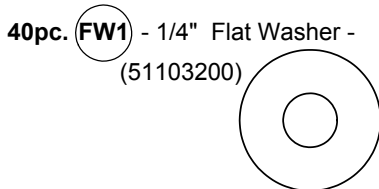
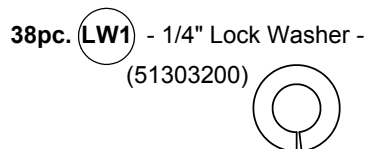
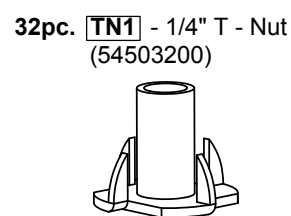
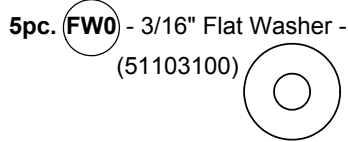
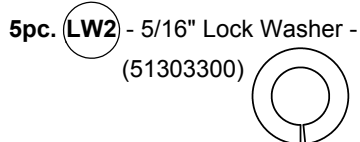


1pc. - Door Hardware  
**3201710**

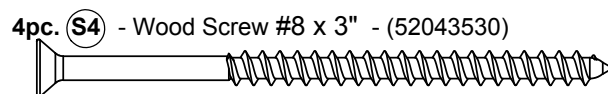
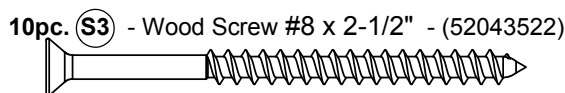
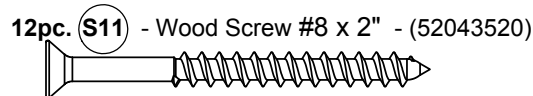


1x - Beam Brkt. Set  
(3200143) (2pk)

# Add on "J" Hardware (Actual Size)



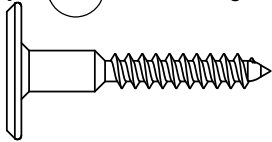
1pc. **D4**  
2 x 2 Robertson Driver Bit  
(9200014)



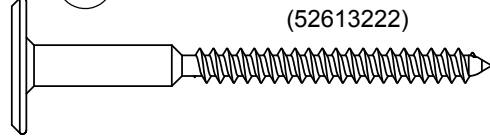


# Add on "J" Hardware (Actual Size)

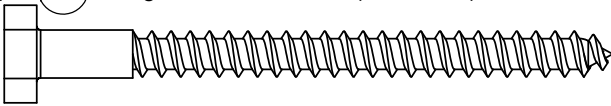
2pc. **WL3** - Wafer Lag 1/4 x 1-3/8" (52613216)



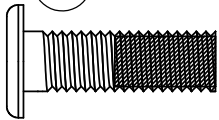
16pc. **WL5** - Wafer Lag 1/4 x 2-1/2" (52613222)



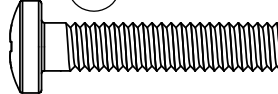
2pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



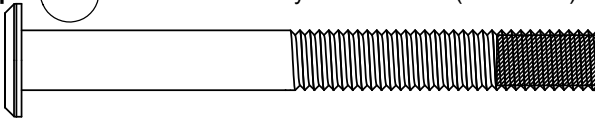
2pc. **WB1** - Wafer Bolt w/ Nylok 5/16 x 1" (53613310)



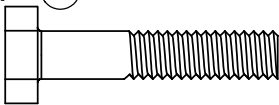
5pc. **PB2** - Pan Bolt 1/4 x 1-1/4" (53433212)



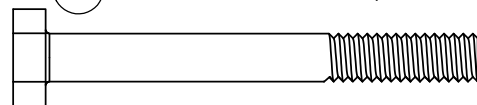
3pc. **WB7** - Wafer Bolt w/ Nylok 5/16 x 3" (53613330)



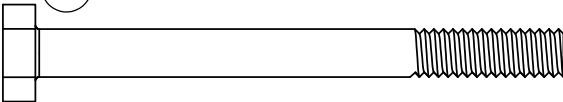
24pc. **H9** - Hex Bolt 1/4 x 1-1/4" (53703211)



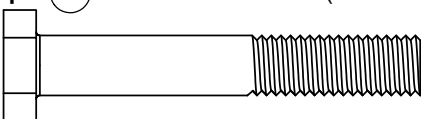
4pc. **H10** - Hex Bolt 1/4 x 2-1/4" (53703221)



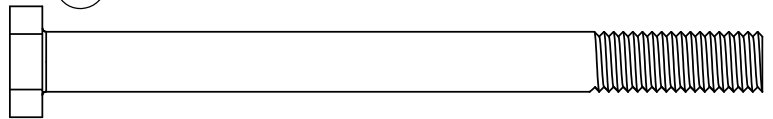
4pc. **H11** - Hex Bolt 1/4 x 2-3/4" (53703223)



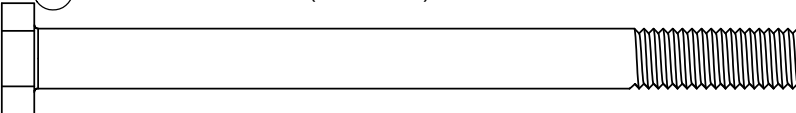
4pc. **G8** - Hex Bolt 5/16 x 2" (53703320)



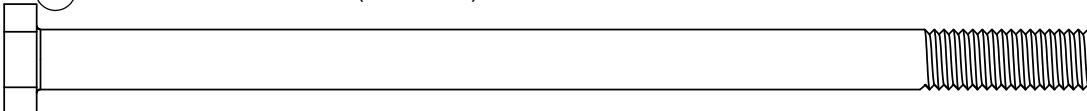
7pc. **G21** - Hex Bolt 5/16 x 3-3/4" (53703333)



3pc. **G4** - Hex Bolt 5/16 x 4" (53703340)



14pc. **G7** - Hex Bolt 5/16 x 5-1/2" (53703352)



# Part Identification (Add On "T")

2pc. - **[9088]** Tunnel Side Joist 1-1/4 x 3 x 36" - 3639088



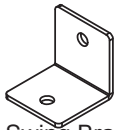
7pc. - **[9092]** Floor Board 1 x 5 x 16-7/8" - 3639092



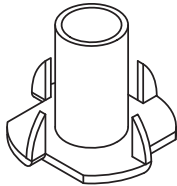
1pc. - **[9087]** Floor Board 1 x 4 x 16-7/8" - 3639087



2pc. - **[9086]** Tunnel Top 1-1/4 x 3 x 14-7/16" - 3639086



1pc. - **[9086]** Swing Bracket Set (4 Pk)  
(3201532)



4pc. **(TN2)** - 5/16" T-Nut - (54503300)

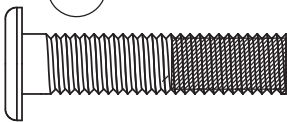
32pc. **(S20)** - Wood Screw #8 x 1-3/8" - (52043516)



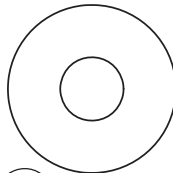
16pc. **(S4)** - Wood Screw #8 x 3" (52043530)



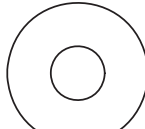
4pc. **(WB2)** - 5/16 x 1-3/8" Wafer Head Bolt w/ Nylok -(53613316)



4pc. **(FW2)** - 5/16" Flat Washer  
(51103300)



4pc. **(FW1)** - 1/4" Flat Washer  
(51103200)



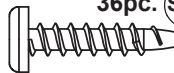
10pc. **(LN4)** - #12 Lock Nut - (54303600)



10pc. **(MB1)** - #12 x 1/2" Pan Bolt  
(53433602)



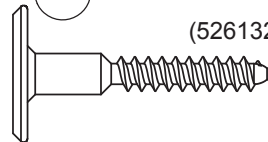
36pc. **(S10)** - #8 x 1 Pan Screw  
(52433510)



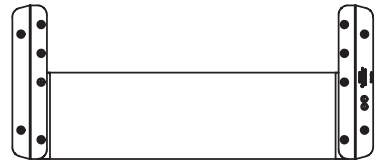
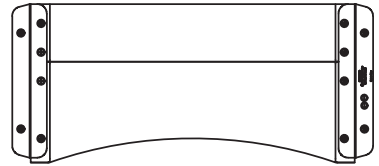
24pc. **(S0)** - Truss Screw #8 x 7/8"  
(52933505)



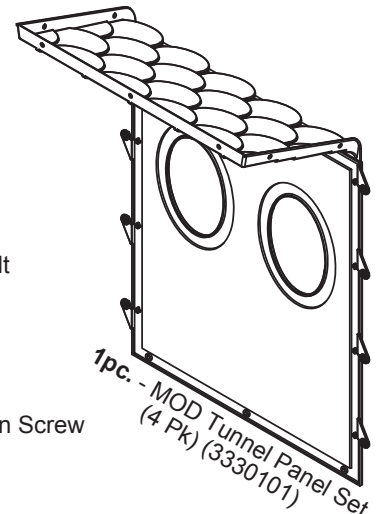
4pc. **(WL3)** - 1/4 x 1-3/8" Wafer Lag  
(52613216)



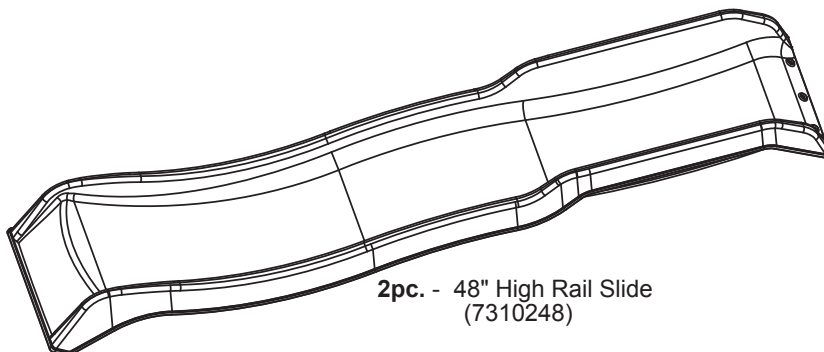
2pc. - **[9089]** Upper Tunnel Insert  
1.27 x 8-1/4 x 18-51/64" - 37639089



2pc. - **[9084]** Lower Tunnel Insert  
1.27 x 8 x 18.8" - 37639084

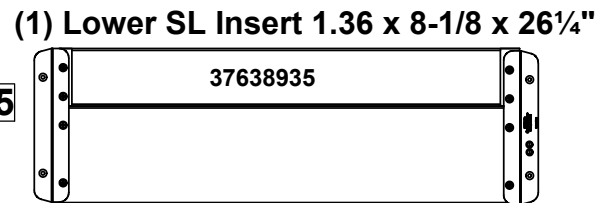
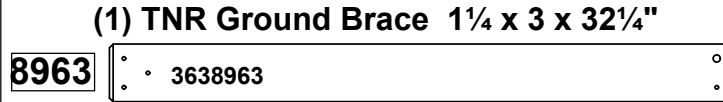
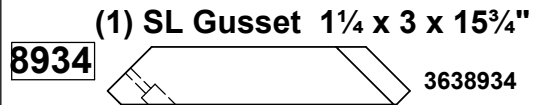


1pc. - MOD Tunnel Panel Set  
(4 Pk) (3330101)

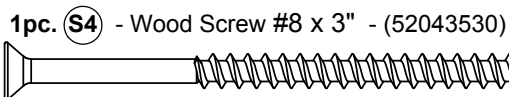
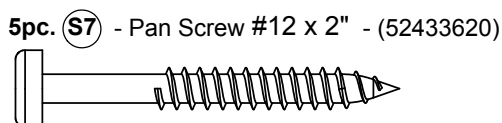
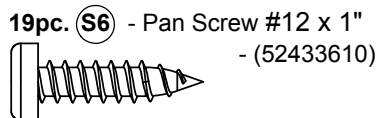
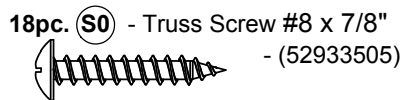
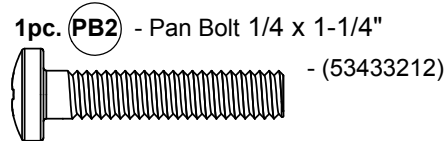
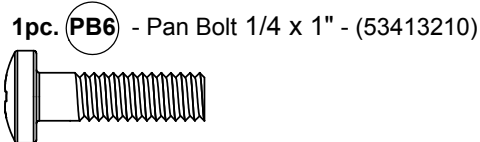
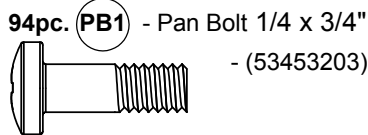


2pc. - 48" High Rail Slide  
(7310248)

## Part Identification (Reduced Part Size)

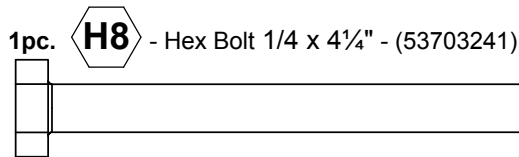


## Part Identification (Actual Part Size)

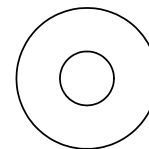


**(1) Wafer Lag Screw 1/4 x 2-1/2"**  
 (52613222)

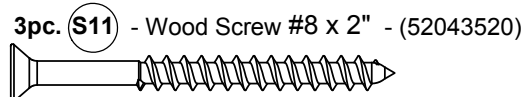
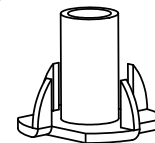
**1x (D1)** - Quadrex  
 Driver Bit (9200015)



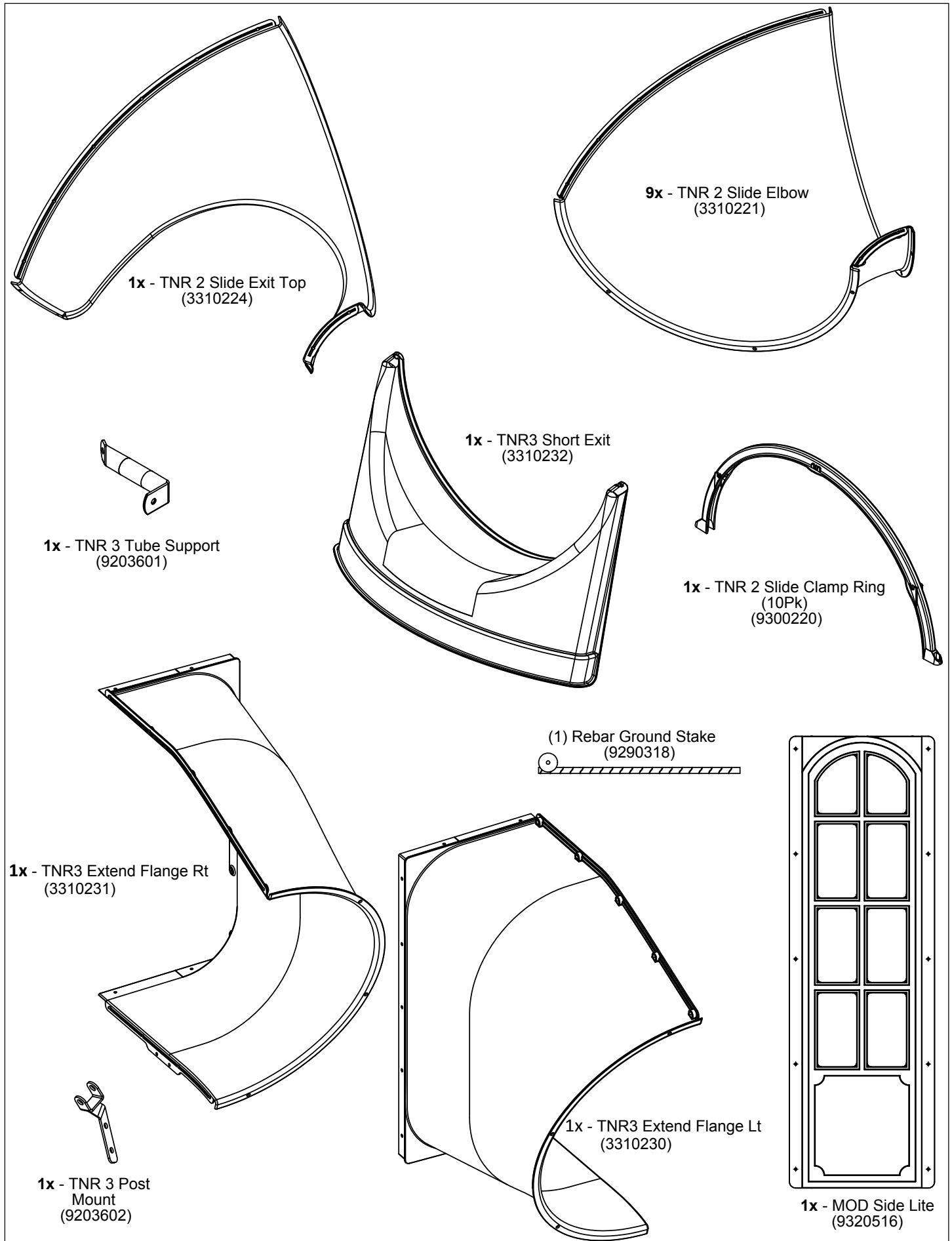
**4pc. (FW1)** - 1/4" Flat Washer - (51103200)



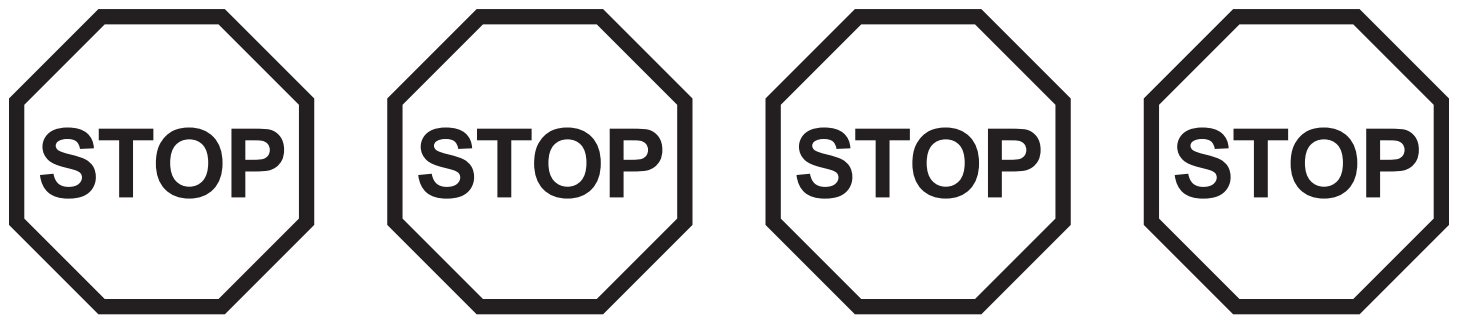
**1pc. (TN1)** - 1/4" T - Nut (54503200)



## Part Identification (Reduced Part Size)



# First Step: Inventory Parts - Read This Before Starting Assembly



- A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
- The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
  - Please refer to Page 6 for proper hardware assembly.
  - Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the Consumer Relations Department directly. Call us before going back to the store.

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

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

<b>MODEL NUMBER: F25010</b>	
CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 1)	CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 4)
CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 2)	CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 5)
CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 3)	CARTON I.D. STAMP:   __ __ __ __ 14459 __ (Box 6)
TRACKING NUMBER (from ID Plaque): _____	



# Step 1: Side Wall Prep Part 1



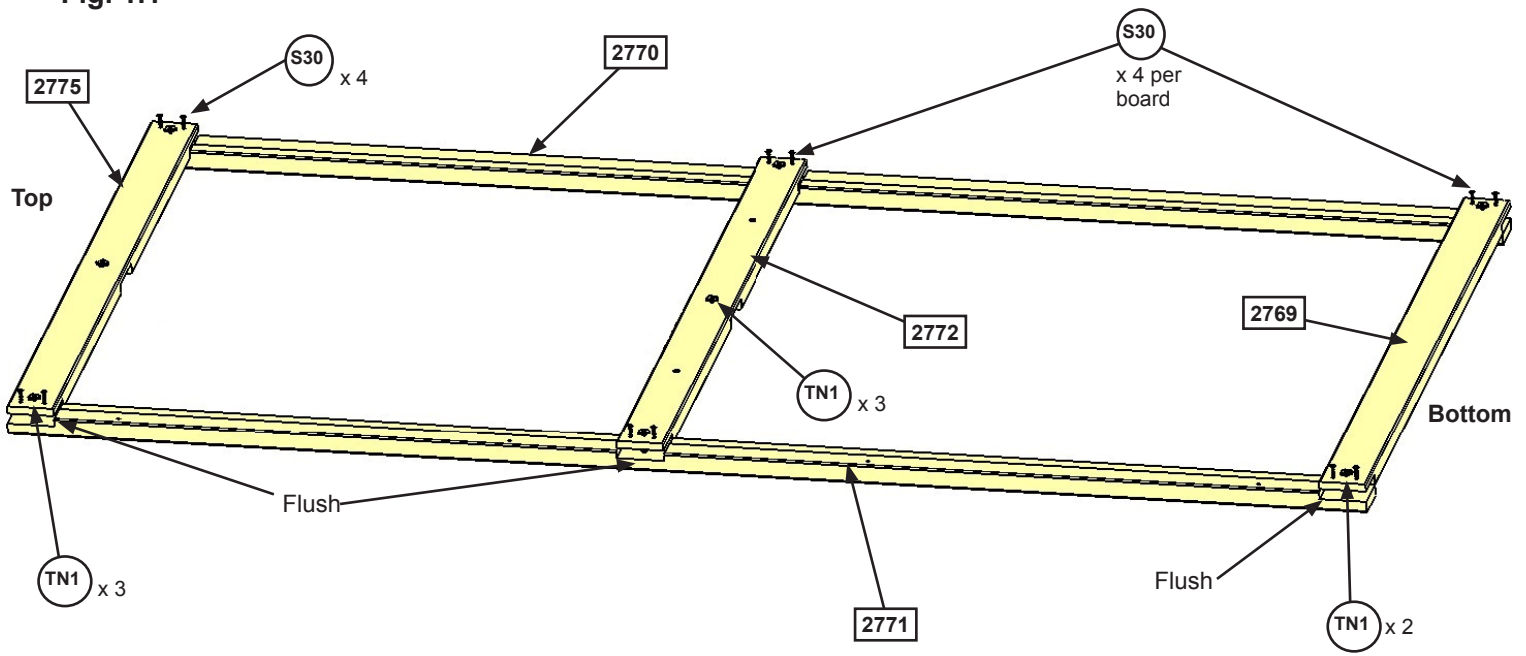
*It is important to assemble the frame on a flat, smooth surface.*

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

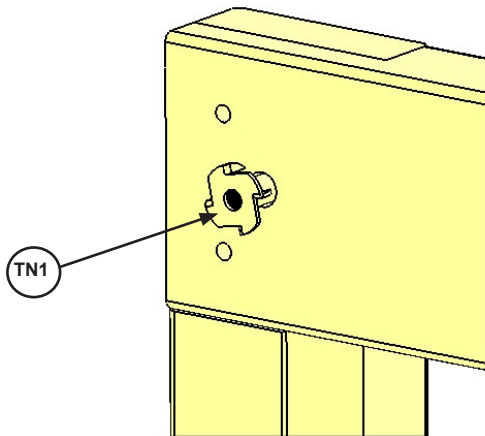
**B:** Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 1.1)

**C:** Tap 3 (TN1) 1/4" 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)

**Fig. 1.1**



**Fig. 1.2**



## Wood Parts

4 x	2771	End Post 1-1/4 x 2-1/2 x 87"
4 x	2770	End Post Left 1-1/4 x 2-1/2 x 87"
4 x	2775	Panel Cross Support 1-1/4 x 3 x 42"
4 x	2772	Panel Floor Support 1-1/4 x 3 x 42"
4 x	2769	Panel BT Frame 1-1/4 x 3 x 42"

## Hardware

48 x	S30	#8 x 1-1/16" Wood Screw
32 x	TN1	1/4" T-nut

# Step 1: Side 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 grooves of (2775) Panel Cross Support and (2772) Panel Floor Support then attach all boards with 8 (H9) 1/4 x 1-1/4" 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 to make 3 more Side Wall Assemblies.

Fig. 1.3

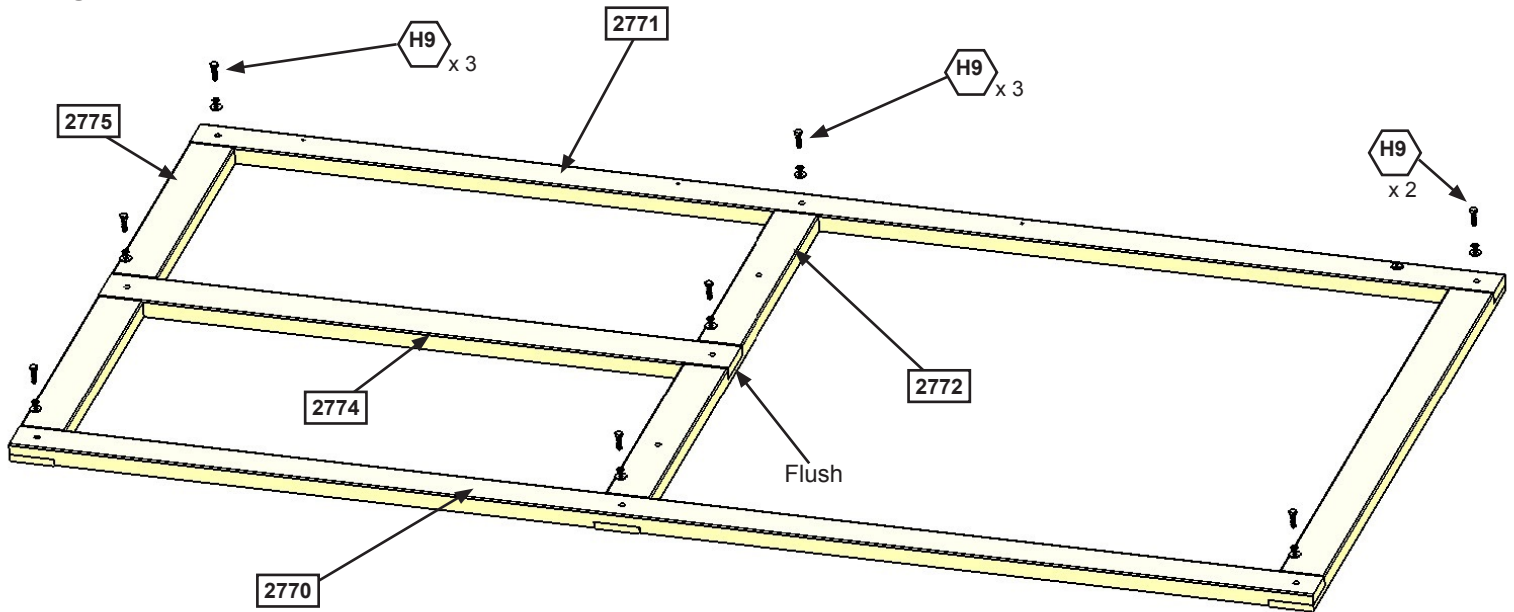
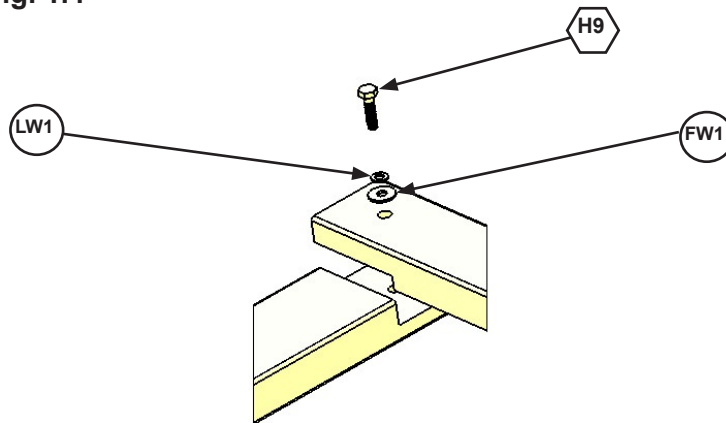


Fig. 1.4



## Wood Parts

4 x (2774) Upright 1-1/4 x 3 x 42"

## Hardware

32 x (H9) 1/4 x 1-1/4" Hex Bolt  
(1/4" lock washer & 1/4" flat washer)

## Step 2: Front Wall Prep Part 1

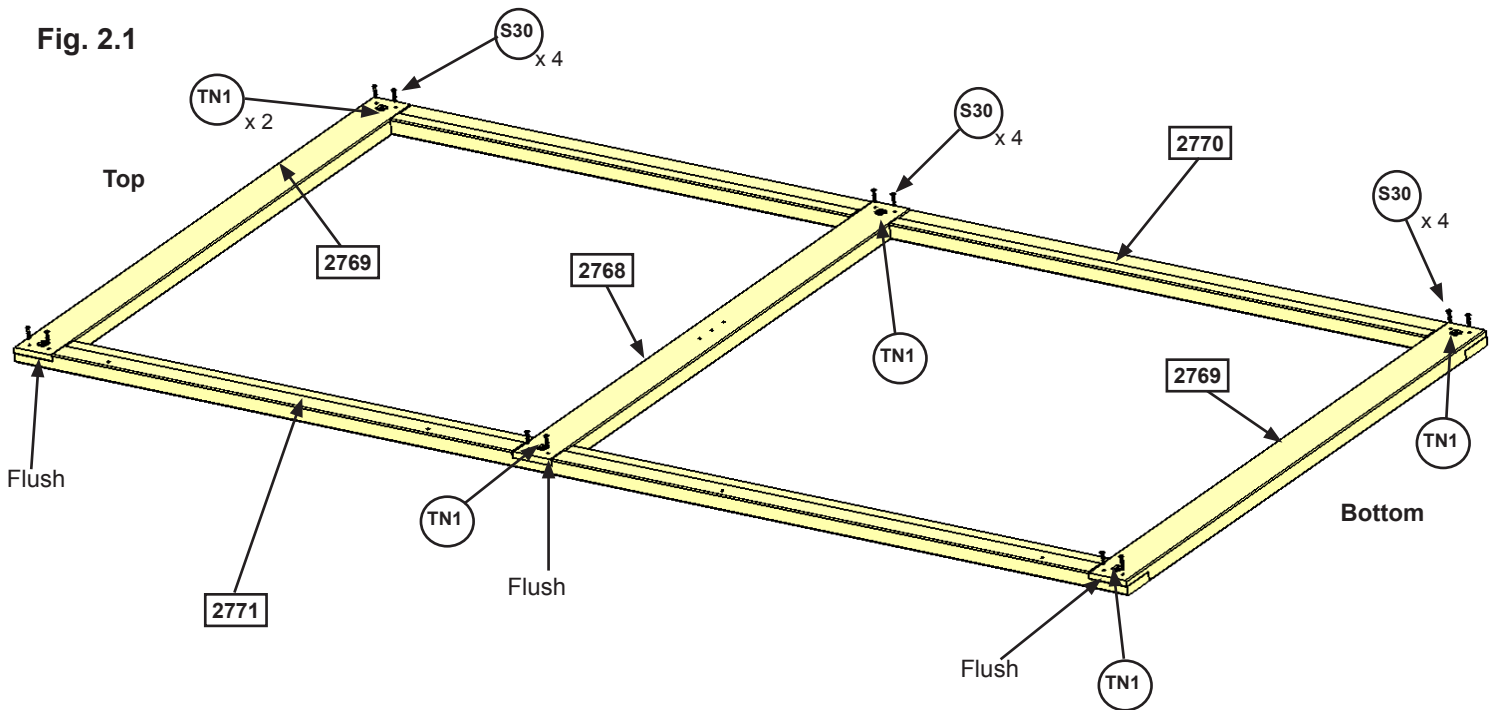


*It is important to assemble the frame on a flat, smooth surface.*

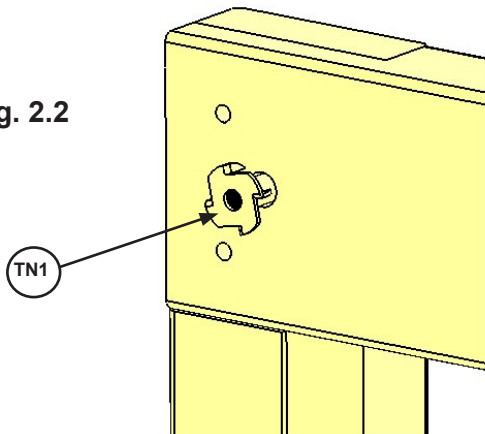
**A:** Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves and (2768) Panel Floor in the middle grooves. (fig. 2.1)

**B:** Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 2.1)

**C:** Tap in 2 (TN1) 1/4" T-nuts in (2768) Panel Floor and each (2769) Panel BT Frame. (fig. 2.1 and 2.2)



**Fig. 2.2**



### Wood Parts

2 x	(2768)	Panel Floor 1-1/4 x 3 x 42"
4 x	(2769)	Panel BT Frame 1-1/4 x 3 x 42"
2 x	(2771)	End Post 1-1/4 x 2-1/2 x 87"
2 x	(2770)	End Post Left 1-1/4 x 2-1/2 x 87"

### Hardware

24 x	(S30)	#8 x 1-1/16" Wood Screw
12 x	(TN1)	1/4" T-nut

## Step 2: Front 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) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

**E:** Repeat steps A-D to make a second Front Wall Assembly.

Fig. 2.3

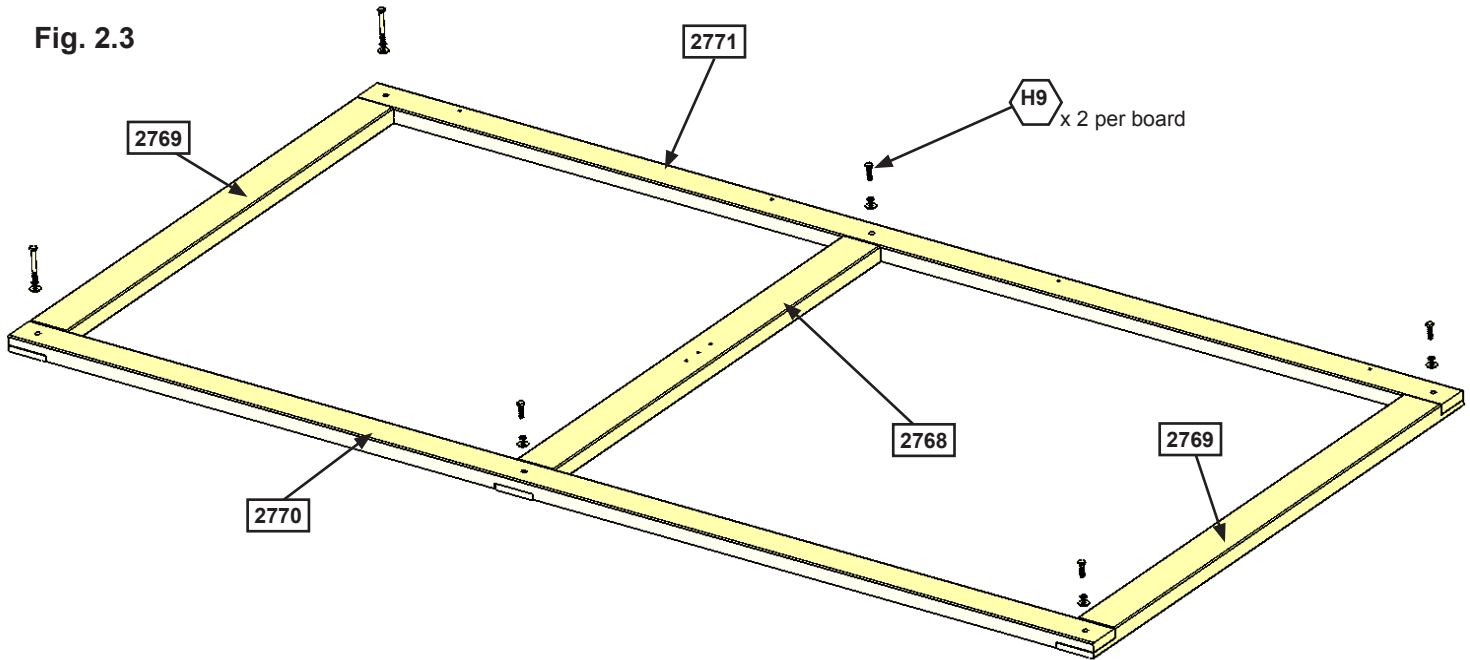
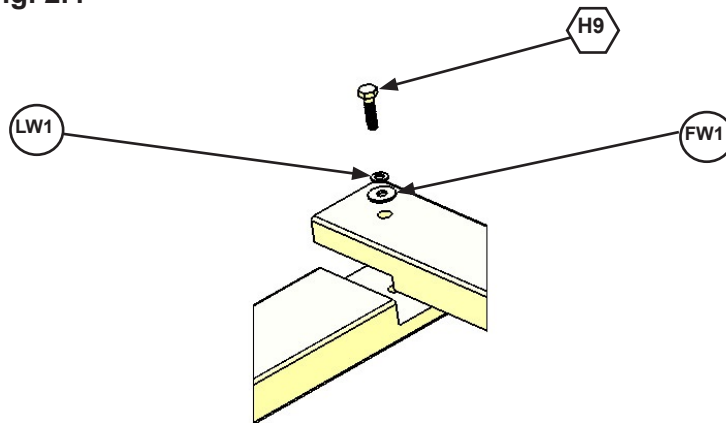


Fig. 2.4



### Hardware

12 x  1/4 x 1-1/4" Hex Bolt  
(1/4" lock washer & 1/4" flat washer)

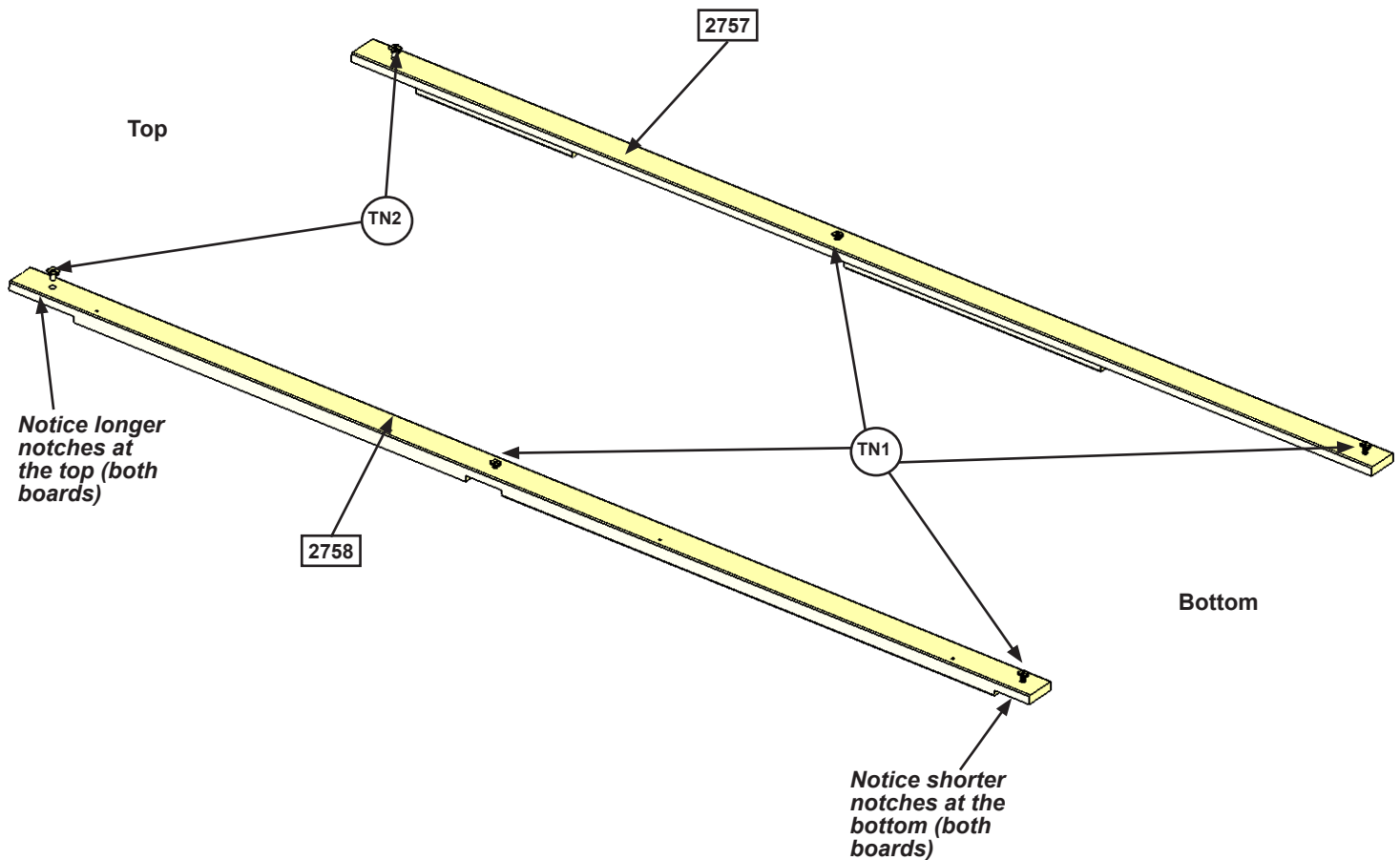
## Step 3: Swing Wall Prep Part 1

*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) 5/16" T-nut in the top holes and 1 (TN1) 1/4" T-nut in the middle and bottom holes. (fig. 3.1)

Fig. 3.1



### Wood Parts

- 2 x 2757 LT Post Assembly 1-1/4 x 2-1/2 x 87"
- 2 x 2758 RT Post Assembly 1-1/4 x 2-1/2 x 87"

### Hardware

- 4 x TN2 5/16" T-nut
- 8 x TN1 1/4" T-nut



## Step 3: Swing Wall Prep Part 2

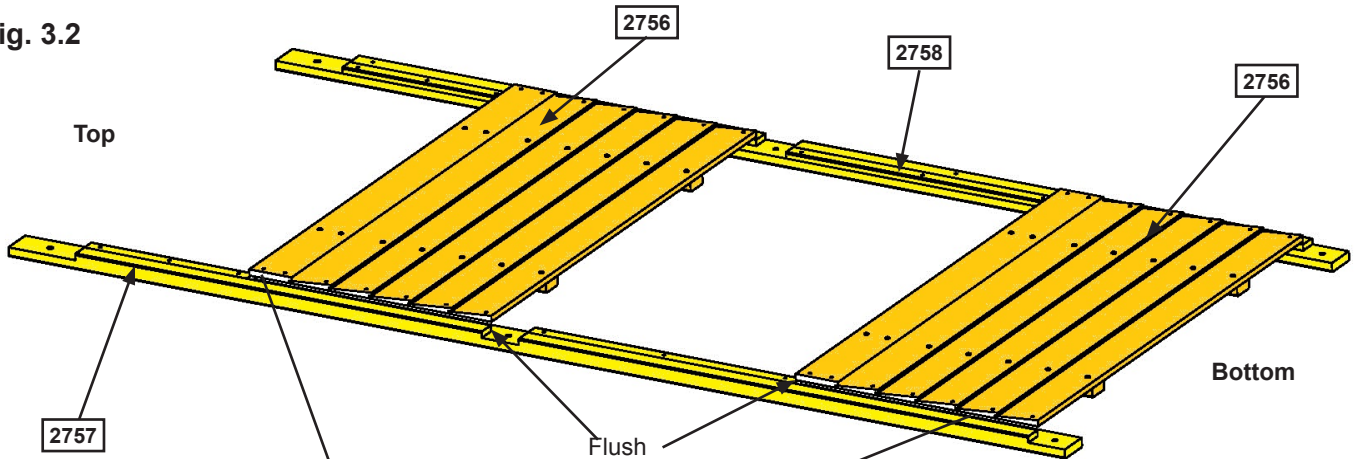


*It is important to assemble the frame on a flat, smooth surface.*

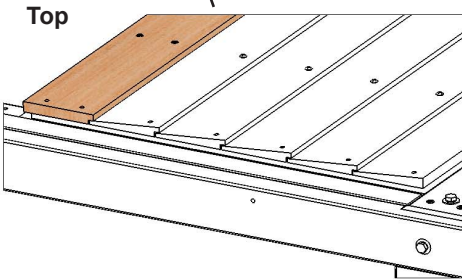
**C:** Turn the (2757) LT Post Assembly and (2758) RT Post Assembly over and place 2 (2756) Siding Assemblies on top so one sits flush with the top of the middle groove and the second fits flush with the top of the bottom groove. (fig. 3.2 and 3.3)

**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) #8 x 1-1/16" Wood Screws per board. (fig. 3.4)

**Fig. 3.2**

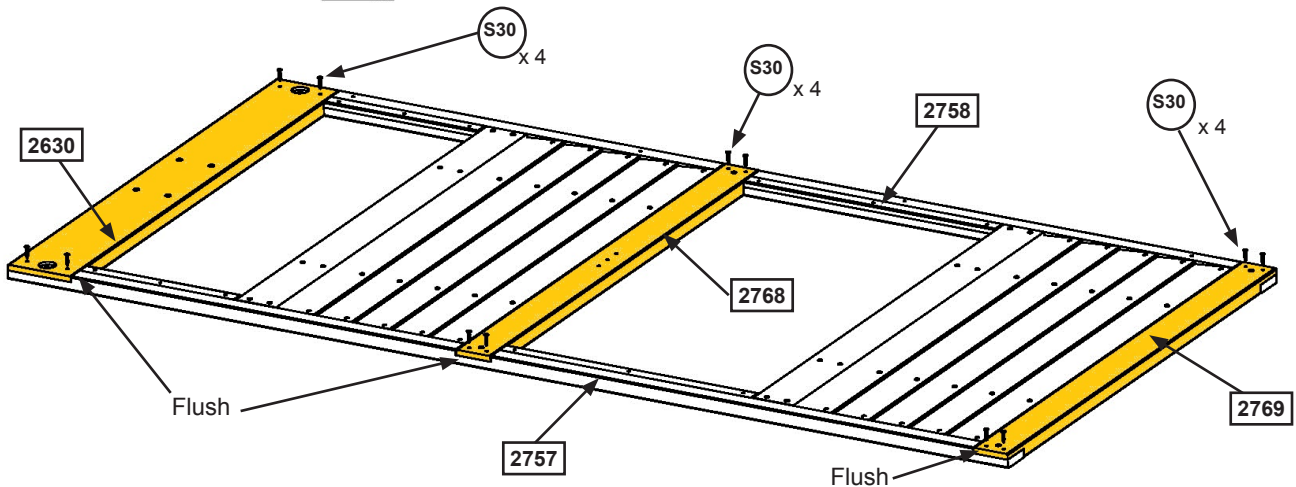


**Fig. 3.3**



*Notice Orientation of both (2756) Siding Assemblies.*

**Fig. 3.4**



### Wood Parts

- 4 x 2756 Siding Assembly 1-1/4 x 19-15/16 x 39-3/16"
- 2 x 2630 SW Top 1-1/4 x 5-1/2 x 42"
- 2 x 2768 Panel Floor 1-1/4 x 3 x 42"
- 2 x 2769 Panel BT Frame 1-1/4 x 3 x 42"

### Hardware

- 24 x S30 #8 x 1-1/16" Wood Screw

## Step 3: Swing Wall Prep Part 3



**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) 5/16 x 1" 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) 1/4 x 1-1/4" 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) 1/4 x 2-1/4" 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) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 3.5 and 3.7)

Fig. 3.5

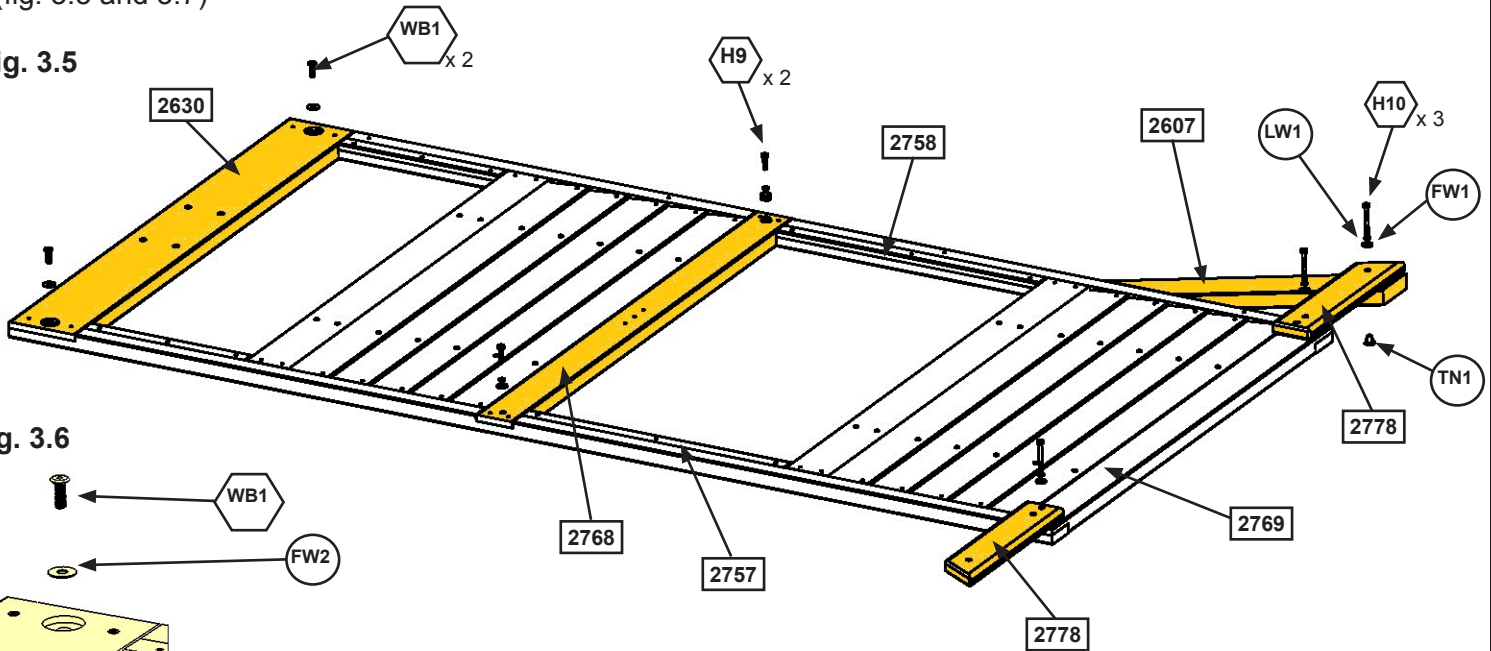


Fig. 3.6

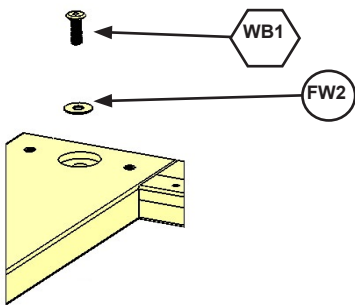
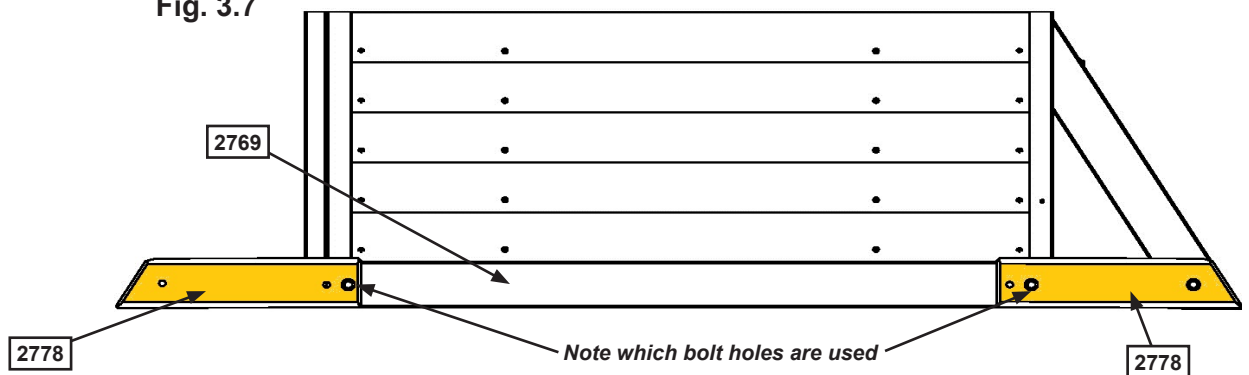


Fig. 3.7



### Wood Parts

- 4 x 2778 SW Ground MOD 5/4 x 4 x 14-1/4"
- 2 x 2607 Diagonal 1-1/4 x 3 x 22"

### Hardware

- 4 x WB1 5/16 x 1" Wafer Bolt (5/16" flat washer)
- 4 x H9 1/4 x 1-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer)
- 6 x H10 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer and 2 1/4" t-nut)

## Step 3: Swing Wall Prep Part 4

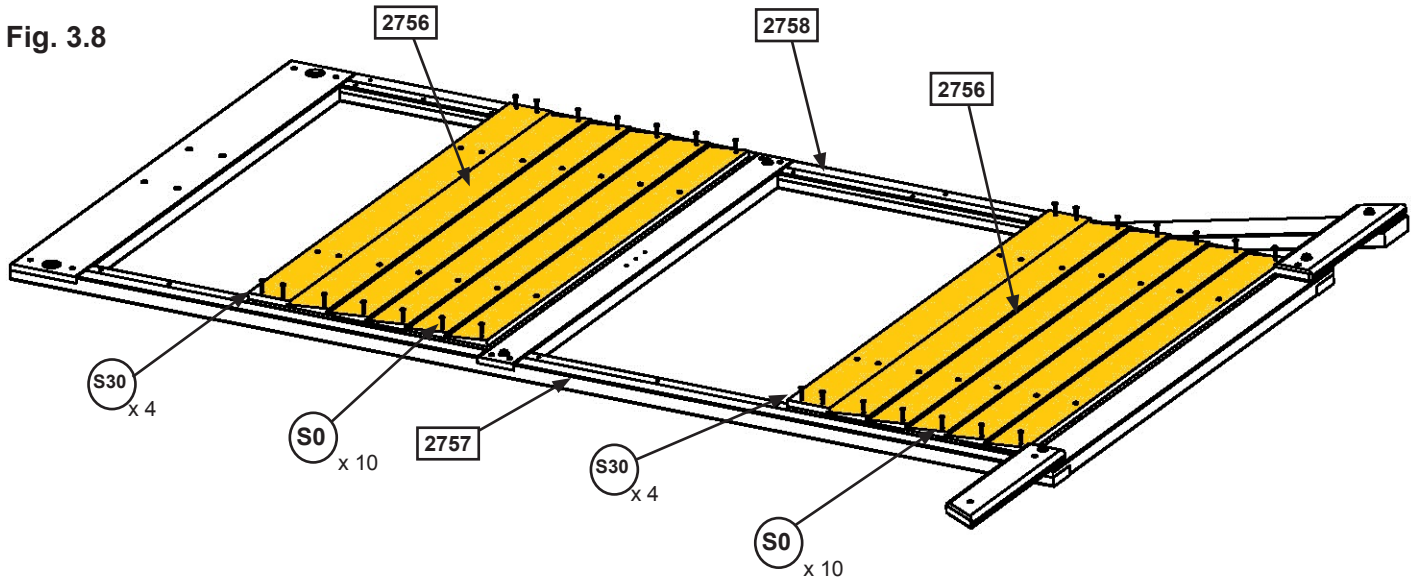
*It is important to assemble the frame on a flat, smooth surface.*

**I:** Attach the top board in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 3.8 and 3.9)

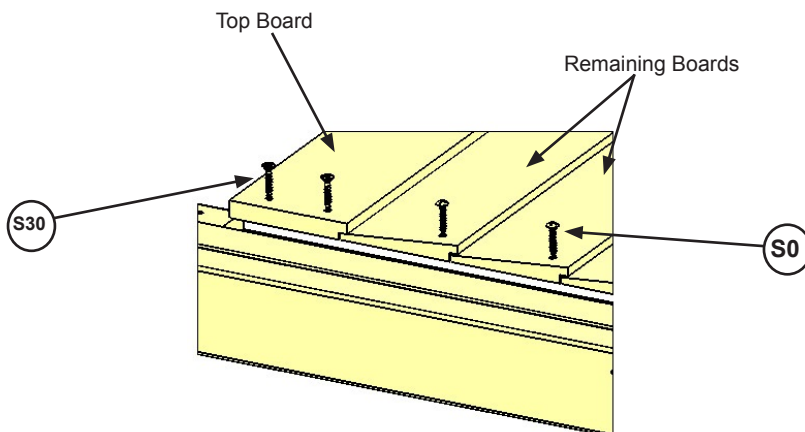
**J:** Attach the remaining boards in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 3.8 and 3.9)

**K:** Repeat steps A-J to make a second Swing Wall Assembly.

**Fig. 3.8**



**Fig. 3.9**



### Hardware

16 x (S30) #8 x 1-1/16" Wood Screw

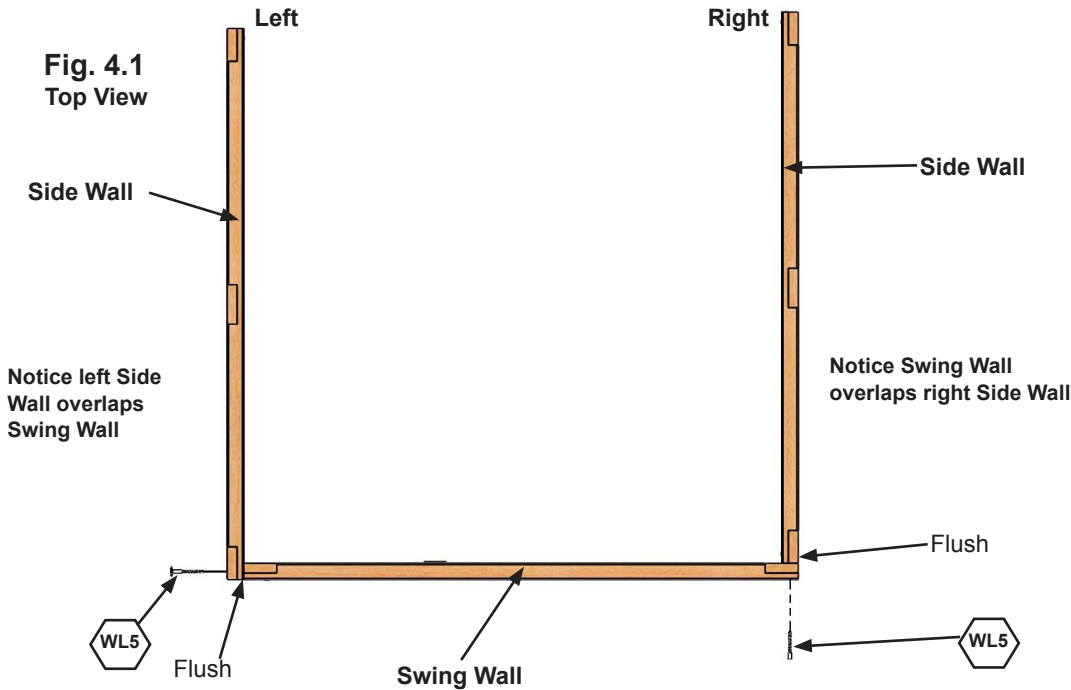
40 x (S0) #8 x 7/8" Truss Screw

## Step 4: Fort Assembly Part 1

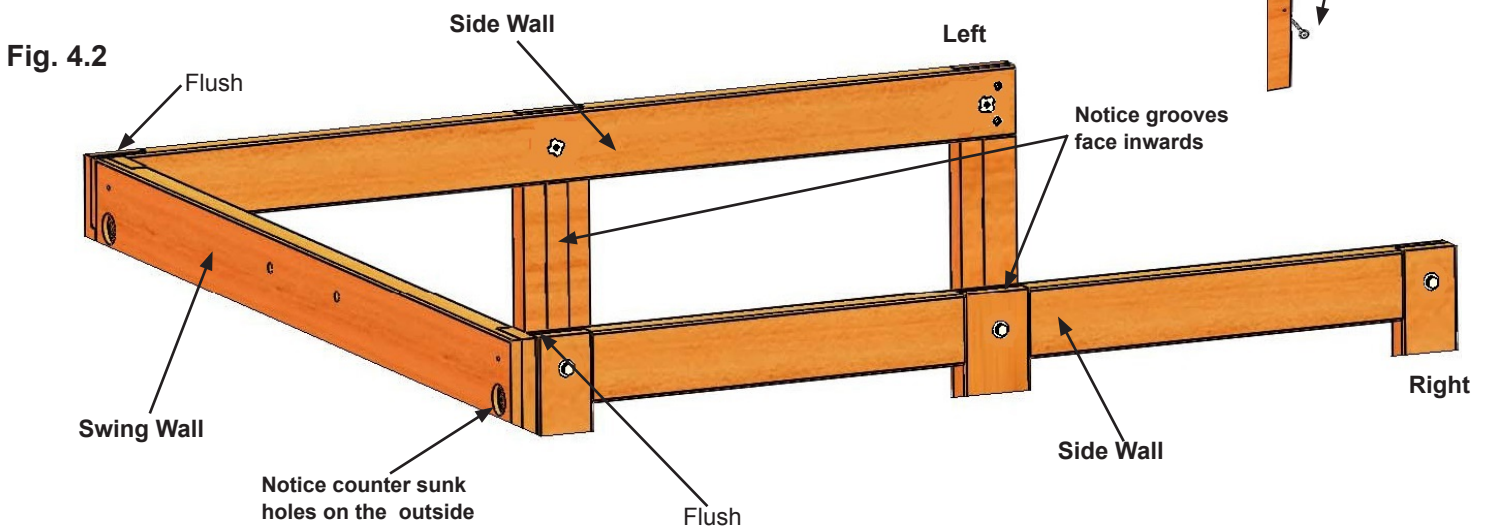
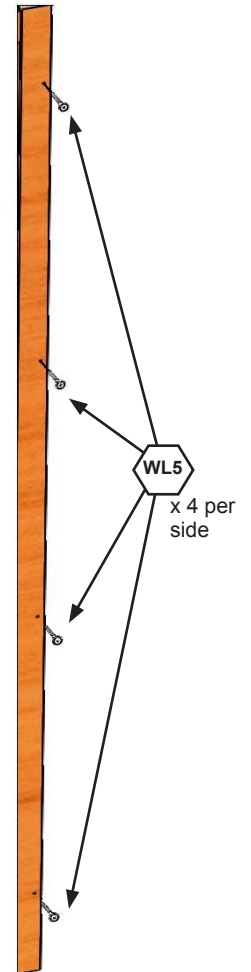


*It is important to assemble the Fort Assembly on a flat, smooth surface.*

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



**Fig. 4.3**



### Hardware

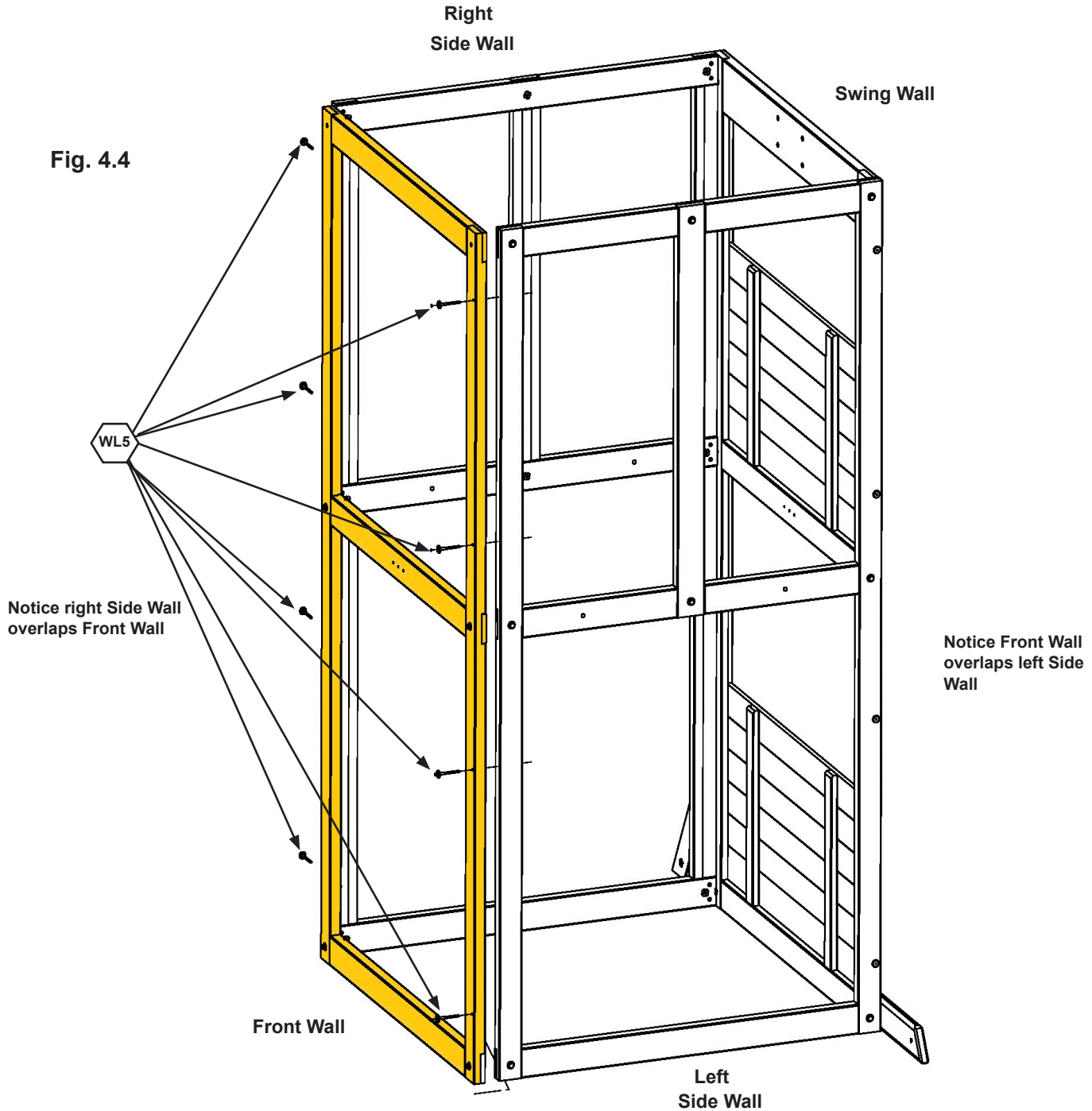
16 x WL5 1/4 x 2-1/2" Wafer Lag

## Step 4: Fort Assembly Part 2



**B:** Place Front Wall from Step 2 between the Side Walls noticing the wall orientation. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 3/16" drill bit and fasten the right Side Wall to the Front Wall and Front Wall to the left Side Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.4)

Fig. 4.4

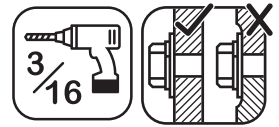


### Hardware

16 x WL5 1/4 x 2-1/2" Wafer Lag



## Step 4: Fort Assembly Part 3

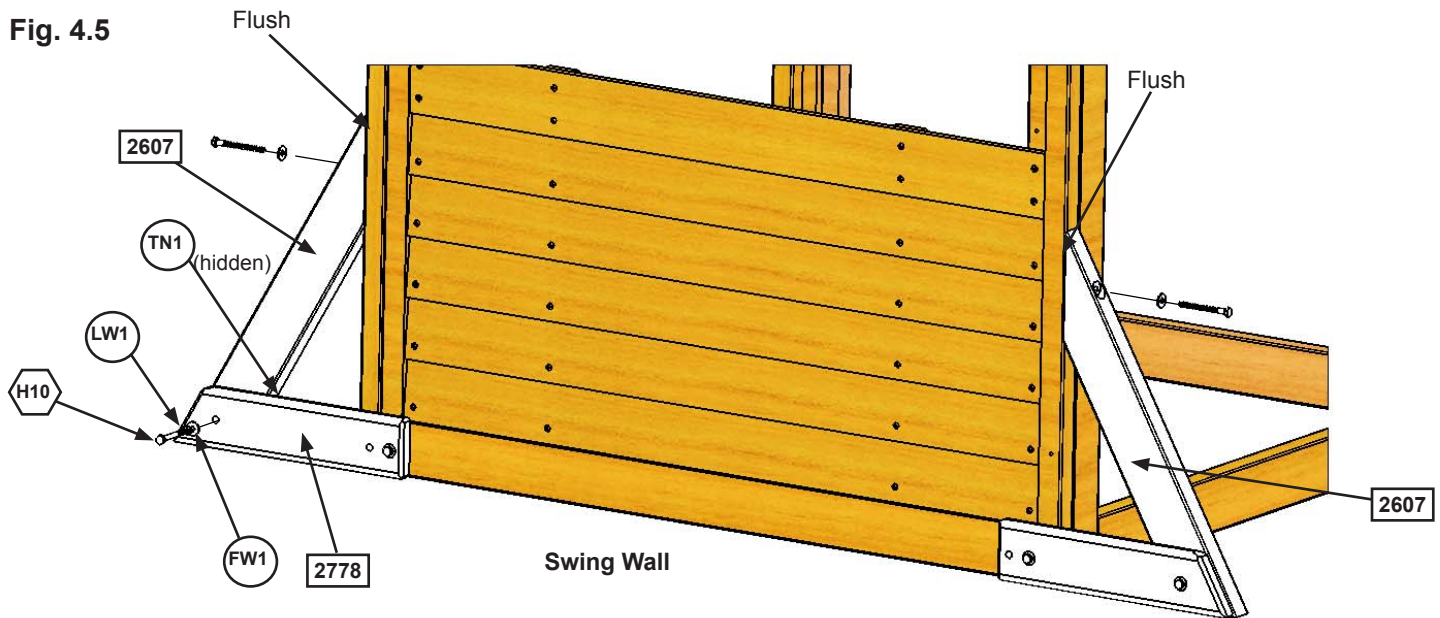


**C:** Loosely attach 1 (2607) Diagonal to left (2778) SW Ground MOD with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 4.5)

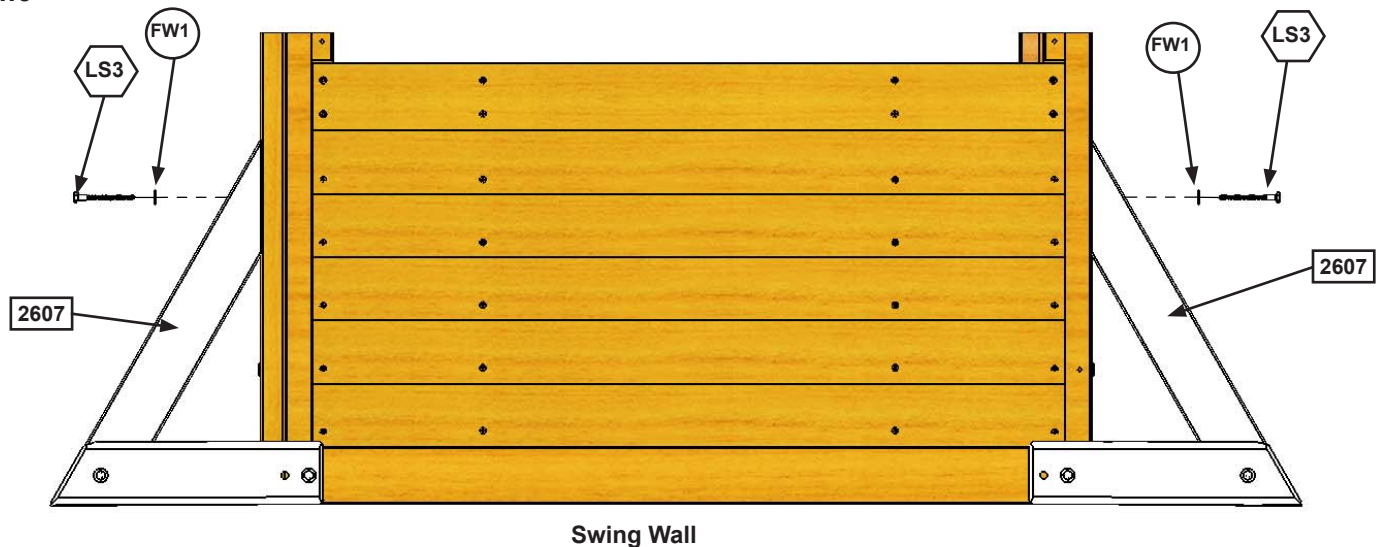
**D:** Place each (2607) Diagonal tight and flush to the front of the Swing Wall then pre-drill pilot holes with a 3/16" drill bit and attach each (2607) Diagonal to the Swing Wall with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per board, checking that they remain flush to outside edge. (fig. 4.5 and 4.6)

**E:** Repeat steps A-D to make a second Fort Assembly. Tighten all bolts in both assemblies.

**Fig. 4.5**



**Fig. 4.6**



### Wood Parts

2 x [2607] Diagonal 1/1/4 x 3 x 22"

### Hardware

2 x [H10] 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)  
4 x [LS3] 1/4 x 3" Lag Screw (1/4" flat washer)

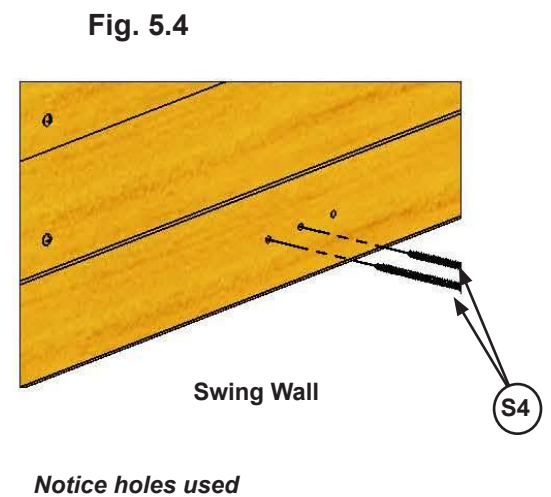
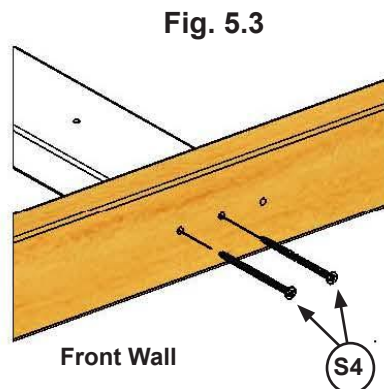
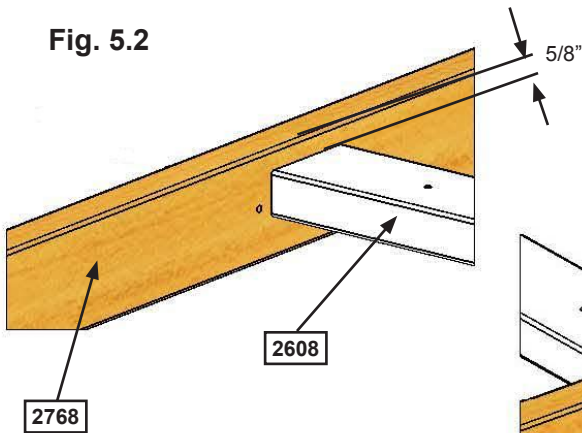
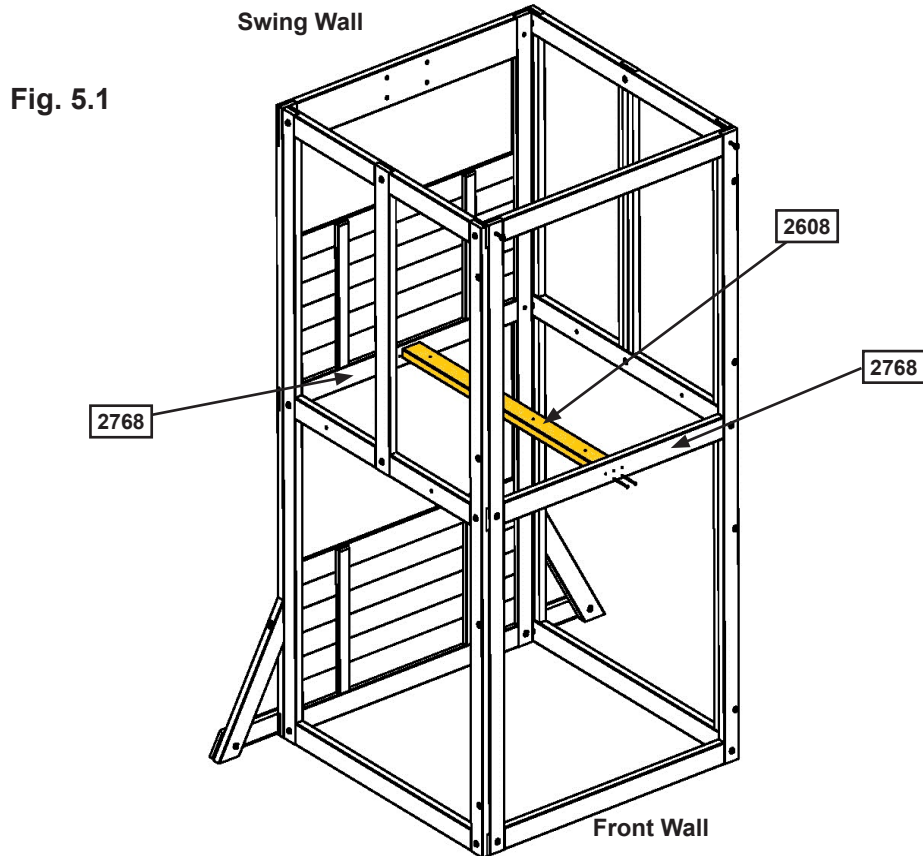


# Step 5: Floor Assembly Part 1



**Complete Step 5 for both Fort Assemblies.**

**A:** From inside of the assembly centre (2608) Floor Joist over the pilot holes in both (2768) Panel Floors in the Swing and Front Walls, measure 5/8" down from the top of boards then attach (2608) Floor Joist to each board using the left and centre holes with 2 (S4) #8 x 3" Wood Screws per board. (fig.5.1, 5.2, 5.3 and 5.4)



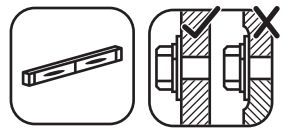
## Wood Parts

2 x 2608 Floor Joist 1-1/4 x 3 x 40-3/4"

## Hardware

8 x S4 #8 x 3" Wood Screw

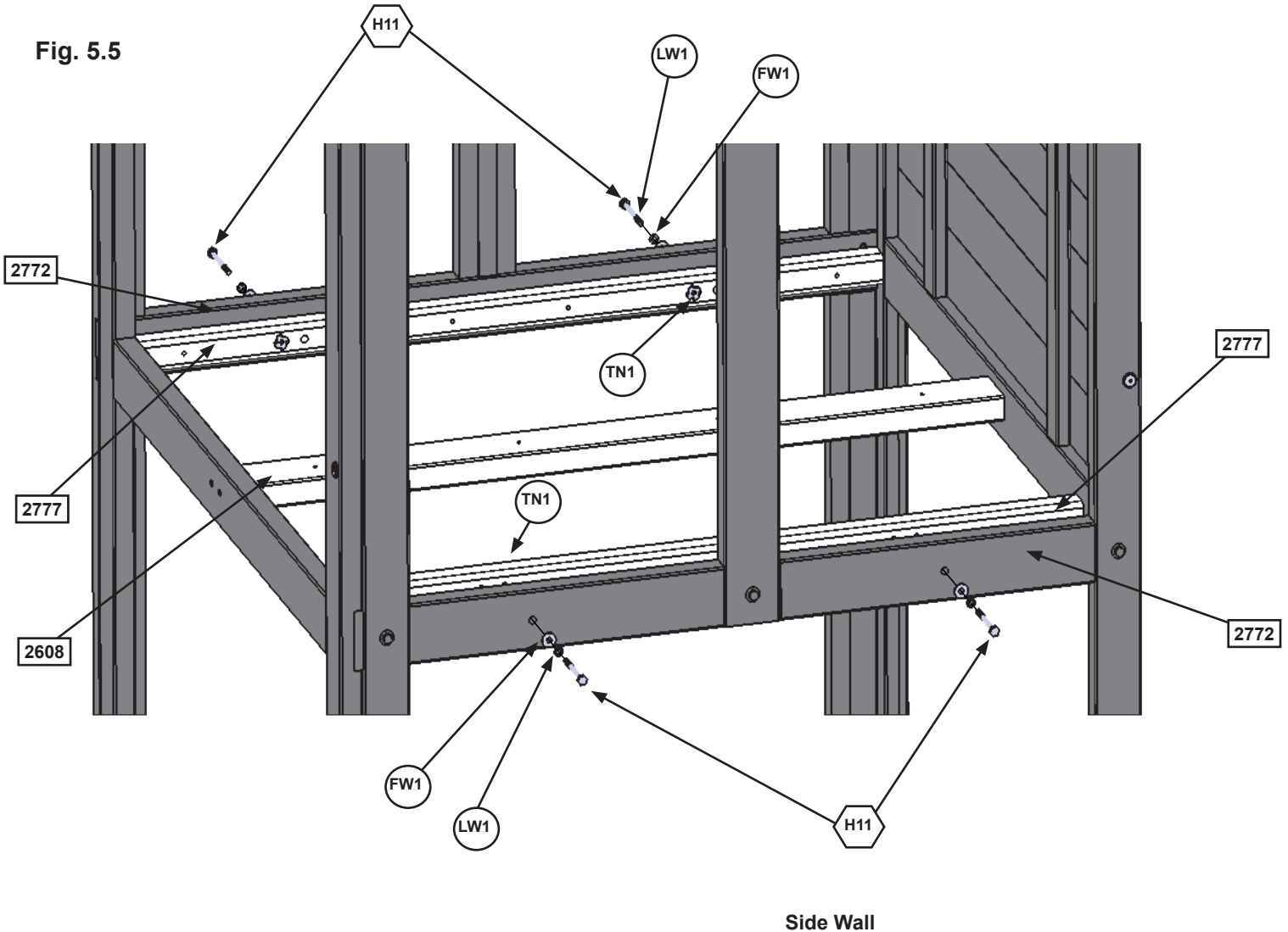
## Step 5: Floor Assembly Part 2



**B:** On the inside of both the Side Walls place 1 (2777) Side Joist MOD against each (2772) Panel Floor Support, line up bolt holes then loosely attach with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) per joist. Make sure both (2777) Side Joist MODs are level with (2608) Floor Joist. (fig. 5.5)

Side Wall

Fig. 5.5



Side Wall

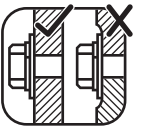
### Wood Parts

4 x Side Joist MOD 2 x 2 x 40-1/4"

### Hardware

8 x 1/4 x 2-3/4" Hex Bolt  
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

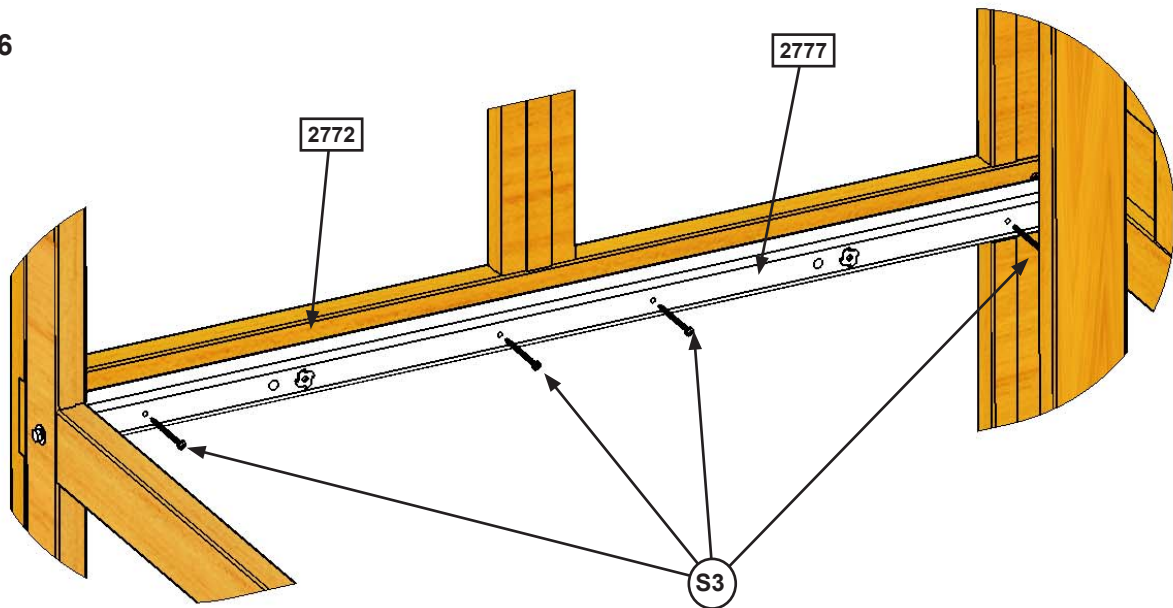
## Step 5: Floor Assembly Part 3




**C:** Fasten each (2777) Side Joist MOD to each (2772) Panel Floor Support with 4 (S3) #8 x 2-1/2" Wood Screws per board as shown in fig. 5.6.

**D:** Tighten all (H11) 1/4 x 2-3/4" Hex Bolts in both (2777) Side Joist MOD.

Fig. 5.6



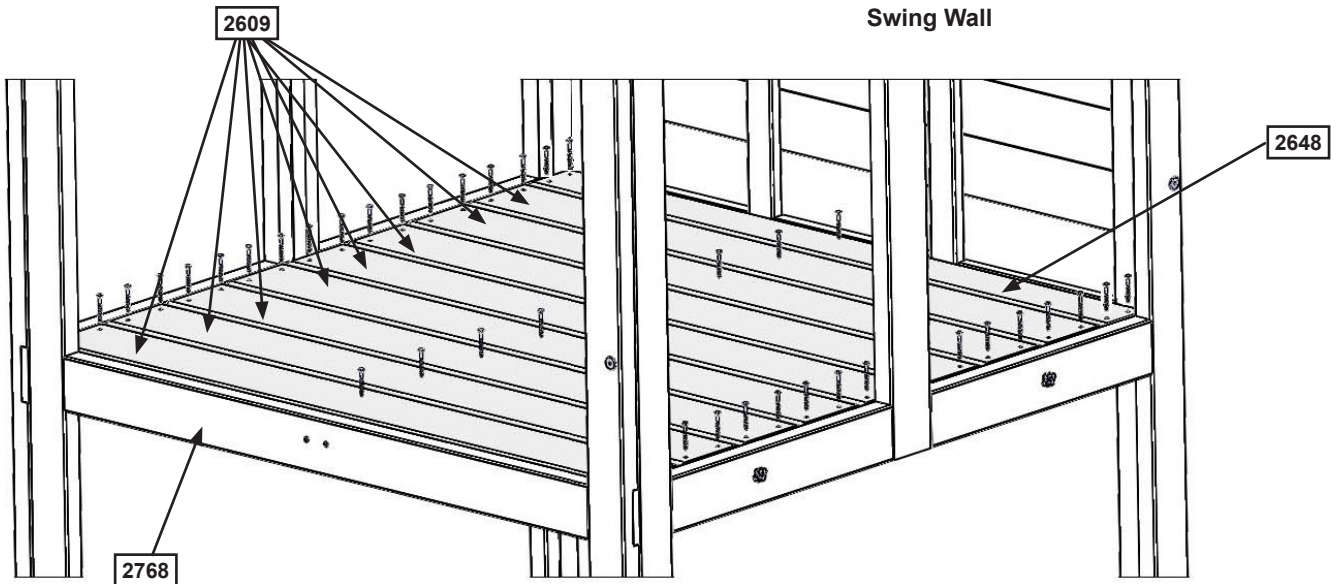
### Hardware

16 x  #8 x 2-1/2" Wood Screw

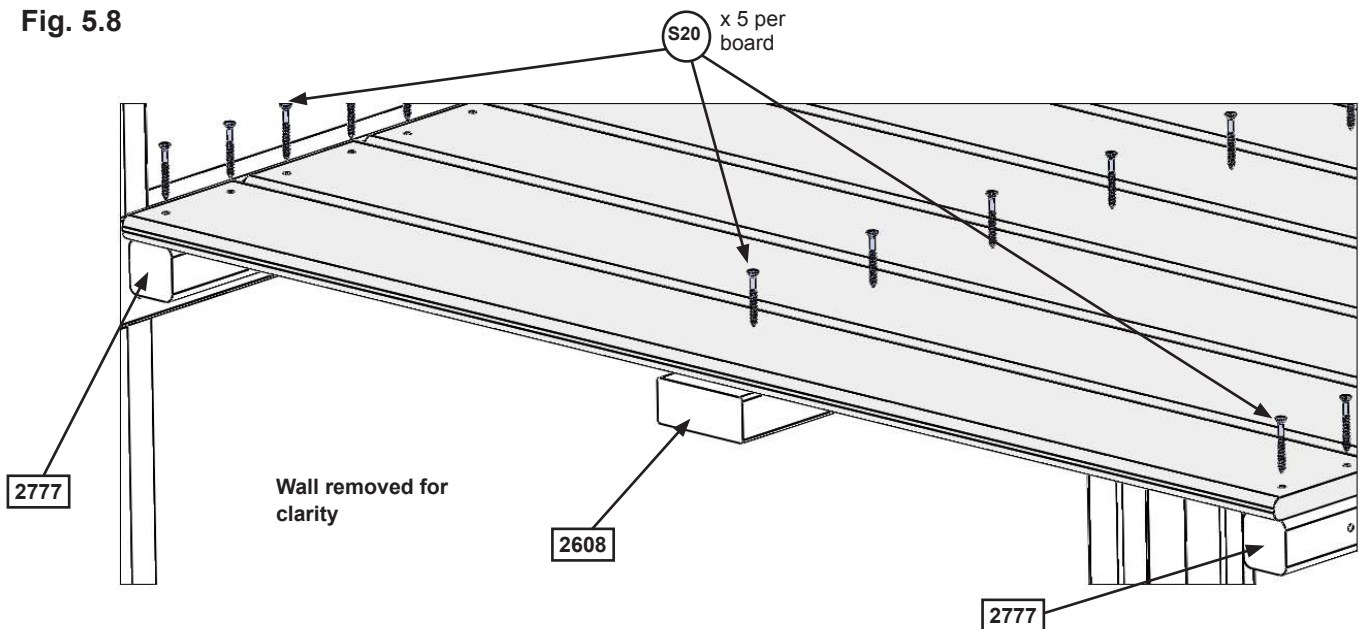
## Step 5: Floor Assembly Part 4

**E:** Starting at the Swing Wall place (2648) Floor Board followed by 8 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2608) Floor Joist and each (2777) Side Joist MOD with 5 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 5.7 and 5.8)

**Fig. 5.7**



**Fig. 5.8**



### Wood Parts

- 2 x 2648 Floor Board 1 x 4 x 40-5/8"  
16 x 2609 Floor Board 1 x 5 x 40-5/8"

### Hardware

- 90 x S20 #8 x 1-3/8" Wood Screw

## Step 6: Attach Tunnel Inserts Part 1



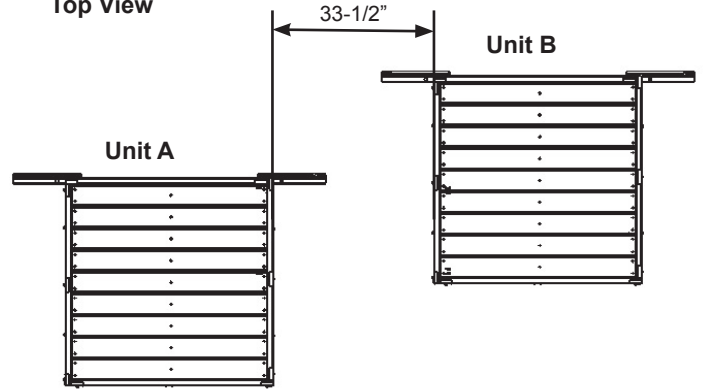
**MOVE FORT TO FINAL LOCATION PRIOR TO STAKING**  
**FINAL LOCATION MUST BE LEVEL GROUND**

**A:** The Fort Assembly on the left will be referred to as Unit A and the Fort Assembly on the right will be referred to as Unit B. The inner Side Walls will now be Tunnel Side Walls. (fig. 6.1 and 6.2)

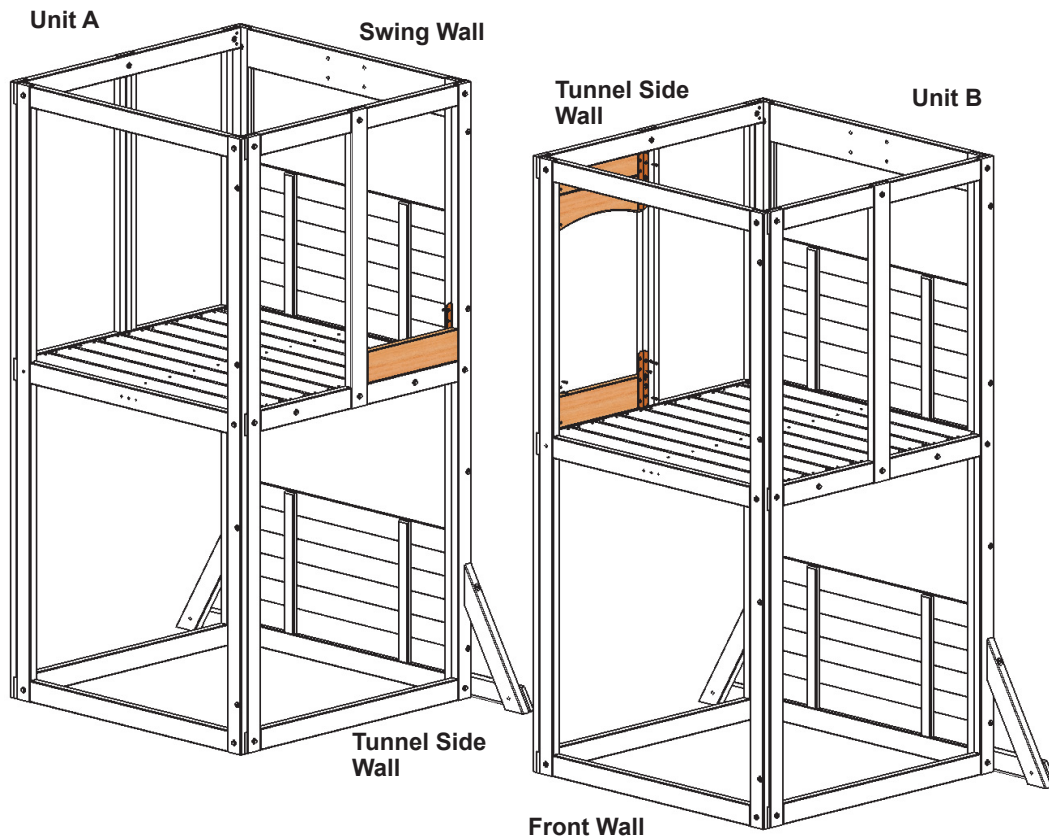
**B:** Place Unit A and Unit B side by side so the opening next to the Swing Wall in Unit A Tunnel Side Wall lines up with the opening next to the Front Wall in Unit B Tunnel Side Wall. (fig. 6.2)

**C:** The distance between Unit A and Unit B must be 33-1/2". Measure at the ground, floor and top to make sure distances are the same. (fig. 6.1)

**Fig. 6.1**  
Top View



**Fig. 6.2**

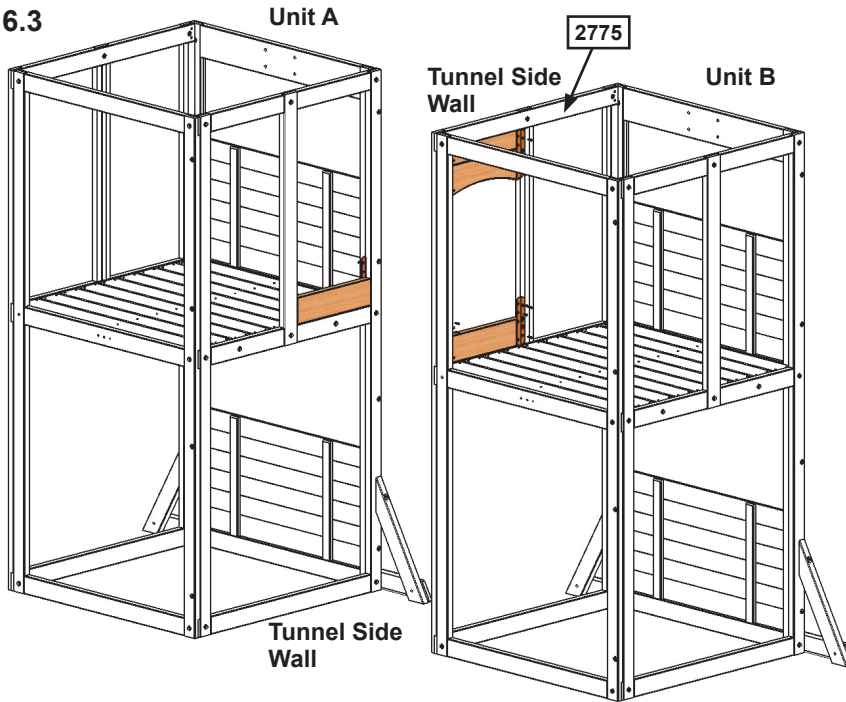


## Step 6: Attach Tunnel Inserts Part 2

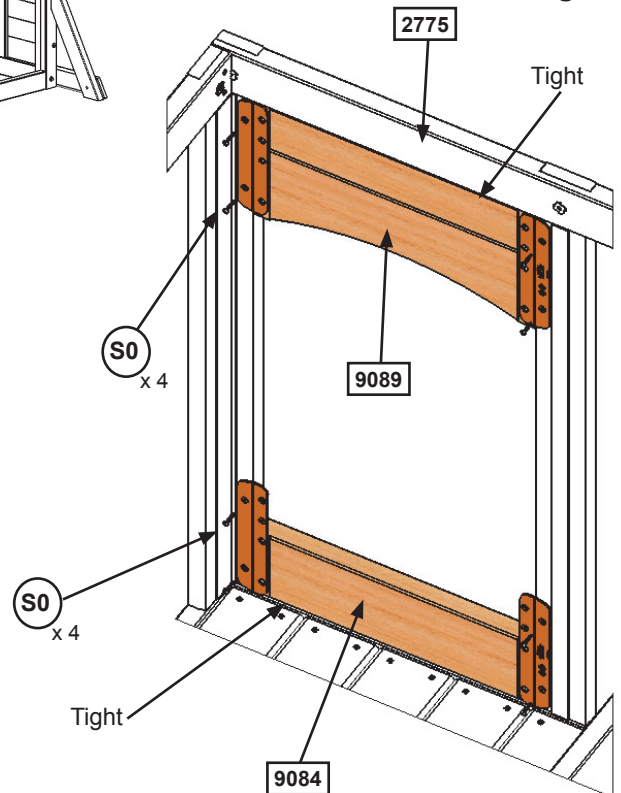
**D:** Place 1 (9084) Lower Tunnel Insert in each of the openings facing each other, tight to the floor boards and attach with 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 6.3 and 6.4)

**E:** In the opening in Unit B place 1 (9089) Upper Tunnel Insert tight to (2775) Panel Cross Support and attach with 4 (S0) #8 x 7/8" Truss Screws. (fig. 6.3 and 6.4)

**Fig. 6.3**



**Fig. 6.4**



### Wood Parts

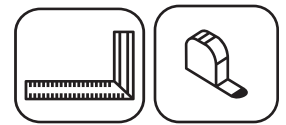
- 2 x 9084 Lower Tunnel Insert 1.27 x 8 x 18.8"
- 1 x 9089 Upper Window Insert 1.27 x 8.25 x 18.8"

### Hardware

- 12 x S0 #8 x 7/8" Truss Screw



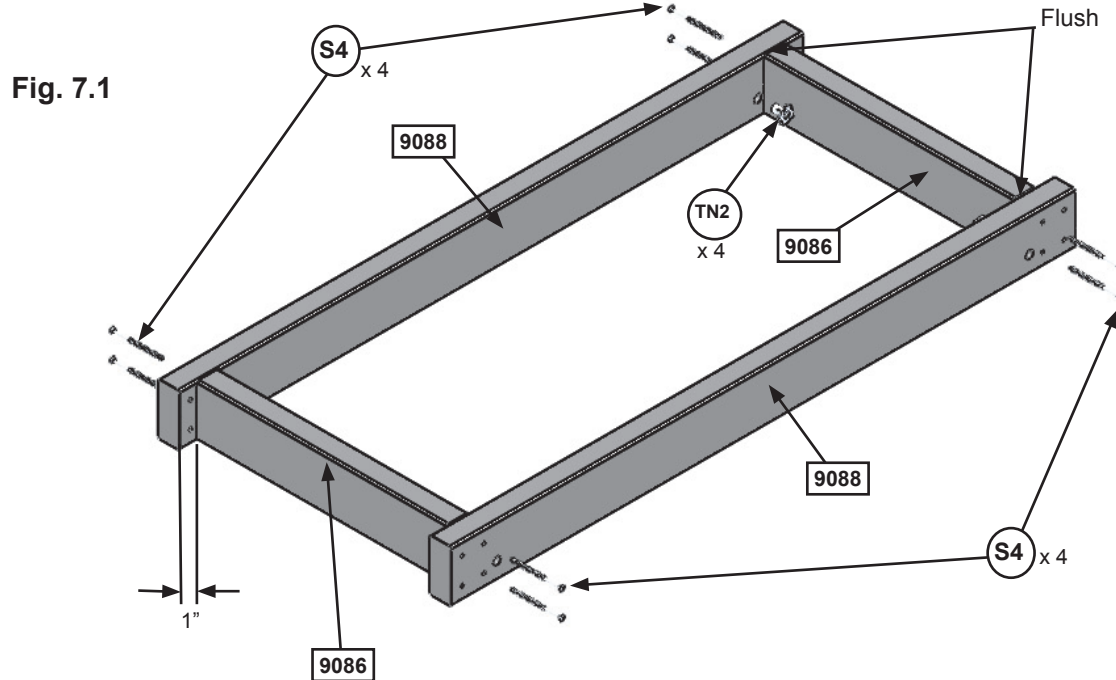
# Step 7: Tunnel Floor Assembly Part 1



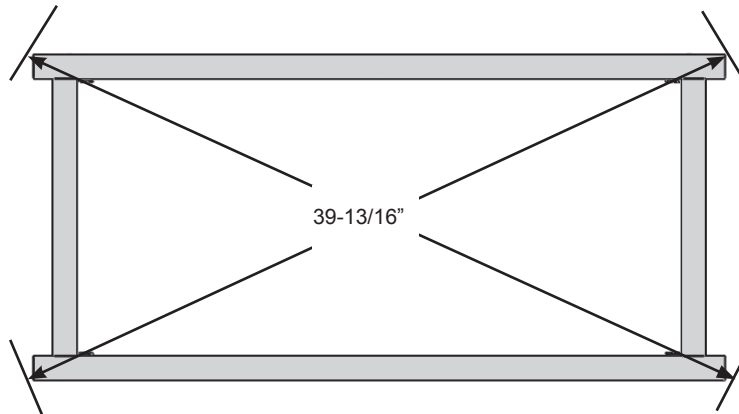
**A:** Tap in 2 (TN2) 5/16" T-nuts in each (9088) Tunnel Side Joist. (fig. 7.1)

**B:** With the (TN2) 5/16" T-nuts at the bottom measure 1" in from both ends of each (9088) Tunnel Side Joist then attach 1 (9086) Tunnel Top to each end with 4 (S4) #8 x 3" Wood Screws per board. Tops of boards to be flush. (fig. 7.1)

**C:** The distance diagonally from end of each (9088) Tunnel Side Joist must be 39-13/16". Tunnel Floor Frame must be square. (fig. 7.2)



**Fig. 7.2**  
Top View



## Wood Parts

- 2 x **9088** Tunnel Side Joist 1-1/4 x 3 x 36"
- 2 x **9086** Tunnel Top 1-1/4 x 3 x 14-7/16"

## Hardware

- 4 x **TN2** 5/16" T-nut
- 8 x **S4** #8 x 3" Wood Screw



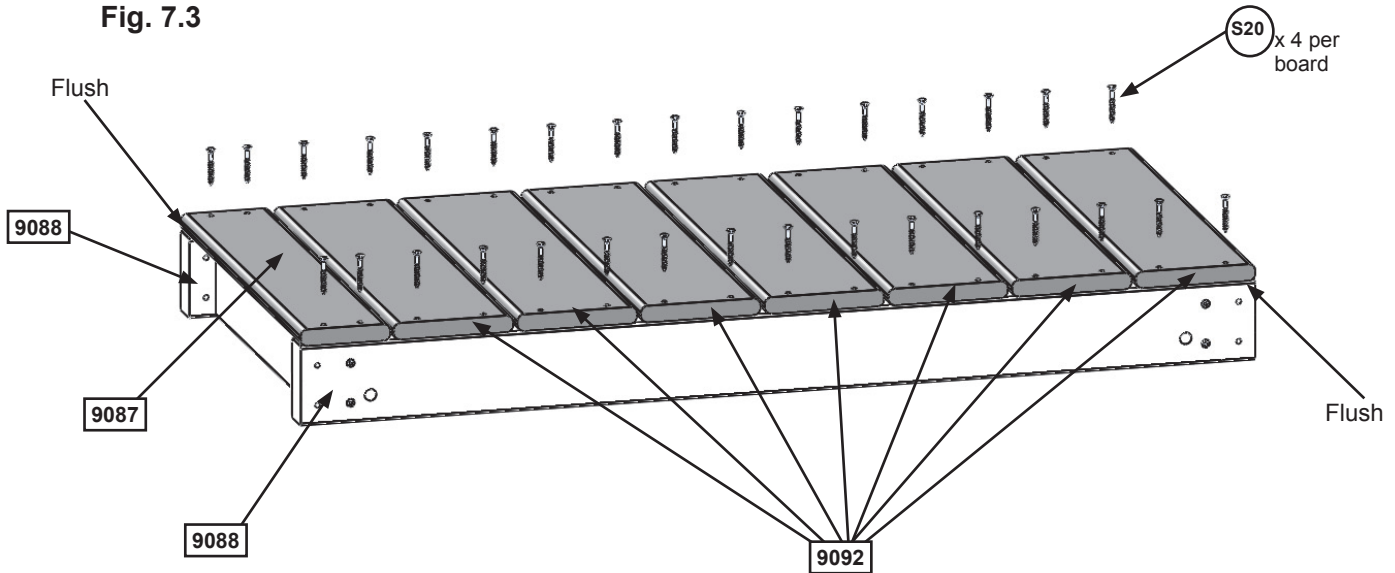
## Step 7: Tunnel Floor Assembly Part 2



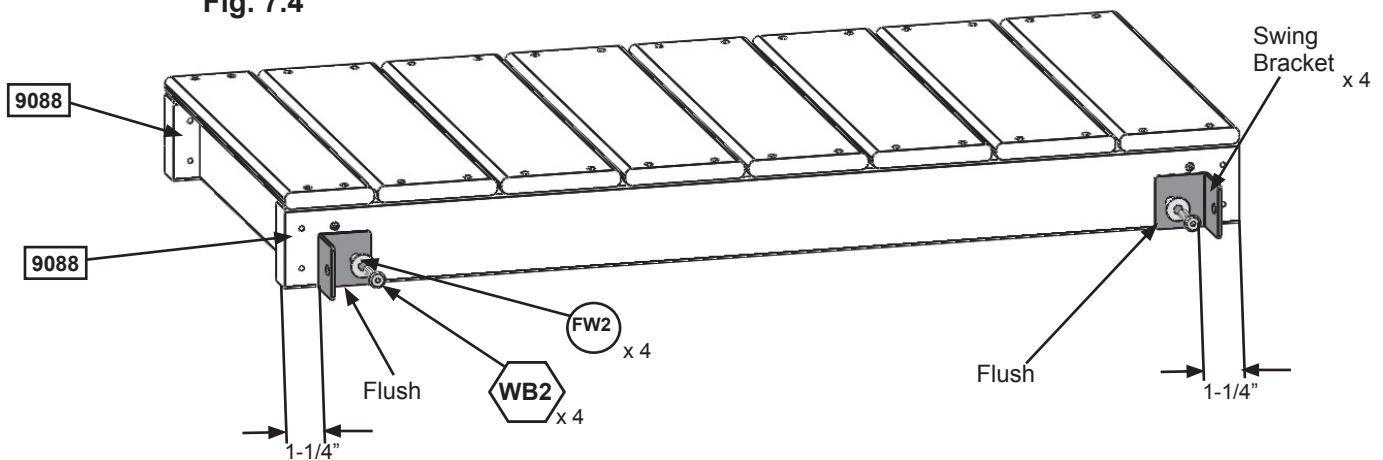
**D:** Flush to the ends and sides of both (9088) Tunnel Side Joist place 1 (9087) Floor Board followed by 7 (9092) Floor Boards. Make sure the last board is flush to the ends of each (9088) Tunnel Side Joist then attach all floor boards with 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 7.3)

**E:** Measure 1-1/4" in from both ends of each (9088) Tunnel Side Joist then attach 1 Swing Bracket to each end with 1 (WB2) 5/16 x 1-3/8" Wafer Bolt (with flat washer, connects to already installed t-nuts) per bracket. Brackets must be flush to the bottom of the boards. (fig. 7.4)

**Fig. 7.3**



**Fig. 7.4**



### Wood Parts

- 1 x 9087 Floor Board 1 x 4 x 16-7/8"
- 7 x 9092 Floor Board 1 x 5 x 16-7/8"

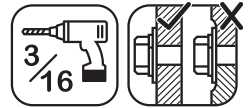
### Hardware

- 32 x S20 #8 x 1-3/8" Wood Screw
- 4 x WB2 5/16 x 1-3/8" Wafer Bolt (5/16" flat washer)

### Other Parts

- 4 x Swing Bracket

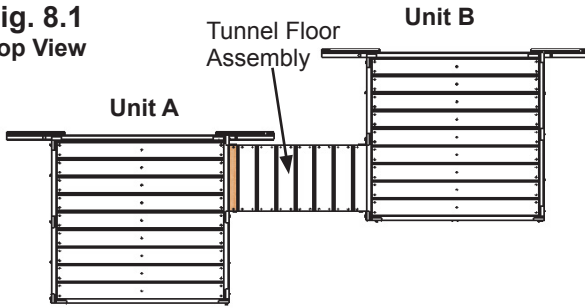
## Step 8: Attach Tunnel Floor Assembly to Fort



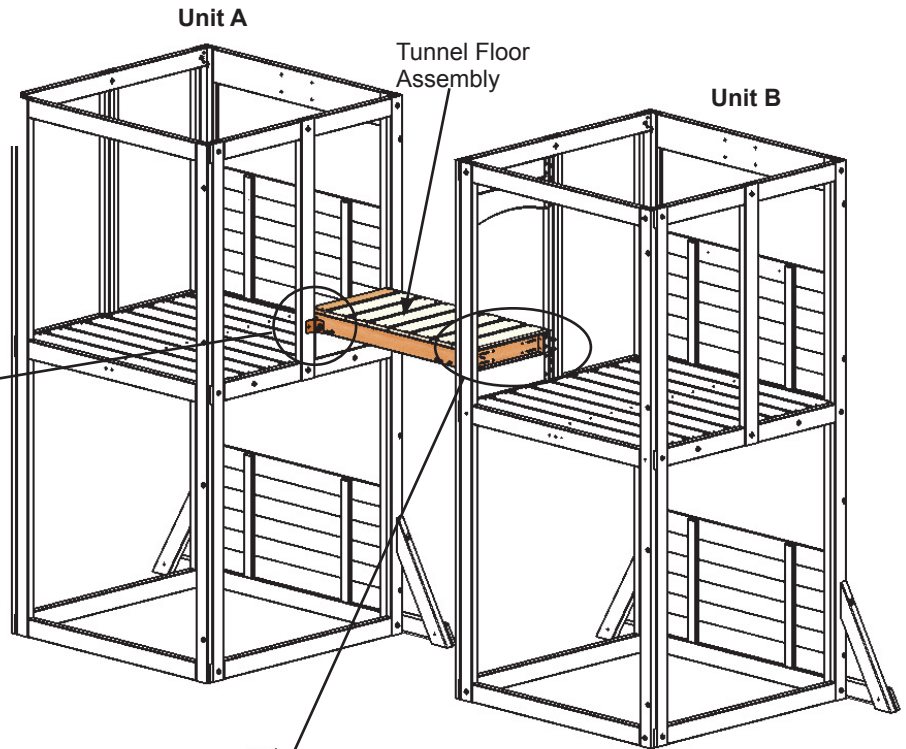
**A:** Place Tunnel Floor Assembly between Unit A and Unit B tight to each (9084) Lower Tunnel Insert then attach with 4 (S4) #8 x 3" Wood Screws from the inside and 4 (S0) #8 x 7/8" Truss Screws from the outside per end. (fig. 8.1, 8.2 and 8.3)

**B:** Pre-drill with a 3/16" drill bit then attach each Swing Bracket to the fort with 1 (WL3) 1/4 x 1-3/8" Wafer Lag (with flat washer) per bracket. (fig. 8.2 and 8.4)

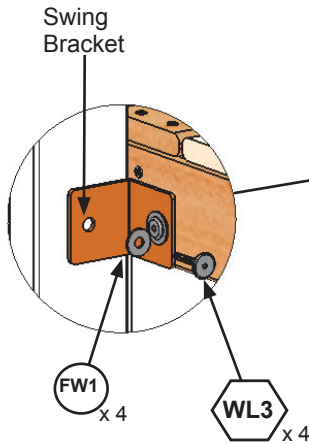
**Fig. 8.1**  
Top View



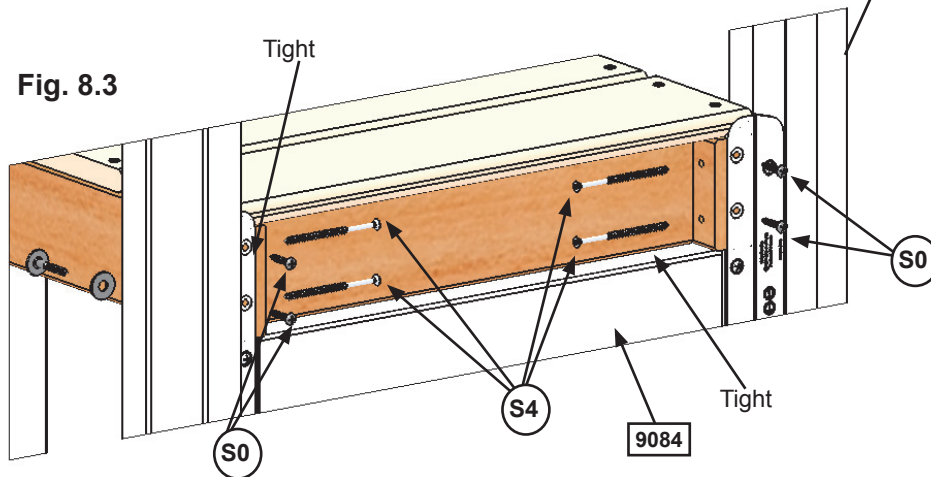
**Fig. 8.2**






**Fig. 8.4**



**Fig. 8.3**



### Hardware

- 4 x  1/4 x 1-3/8" Wafer Lag (1/4" flat washer)
- 8 x  #8 x 7/8" Truss Screw
- 8 x  #8 x 3" Wood Screw

## Step 9: Tunnel Assembly Part 1

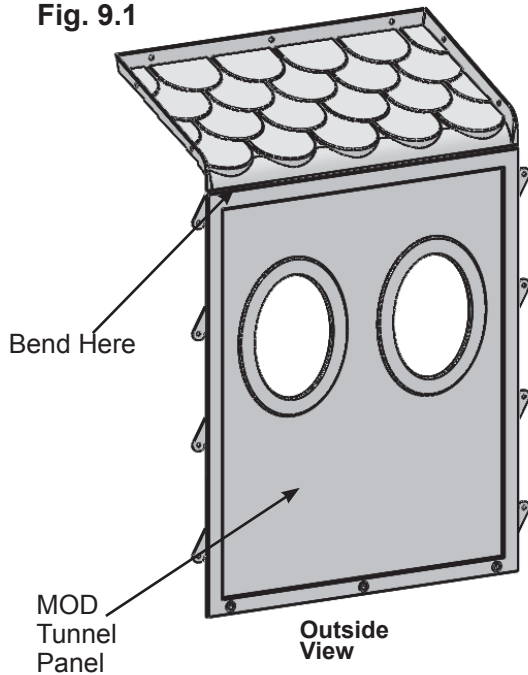
**A:** Bend all 4 MOD Tunnel Panels as shown in fig. 9.1.

**B:** Match 2 MOD Tunnel Panels together by making a slight “V” with the pieces so the peak of the “V” faces away from you. Make sure connector tabs are coupled then straighten the 2 panels. Push down on one panel and up on the other until you hear the connector tabs click together and the bottom edges are flush. You may have to knock panels on a hard surface to align properly. (fig. 9.2 and 9.3)

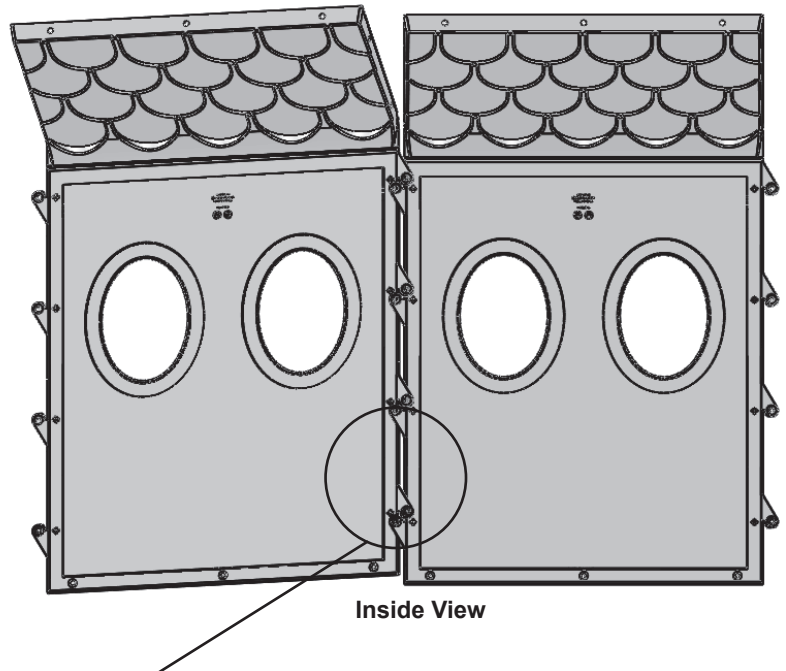
**C:** Press nodules through the connector tab holes to hold Tunnel panels in place. (fig. 9.3)

**D:** Repeat Steps B-C to create a second Tunnel Side.

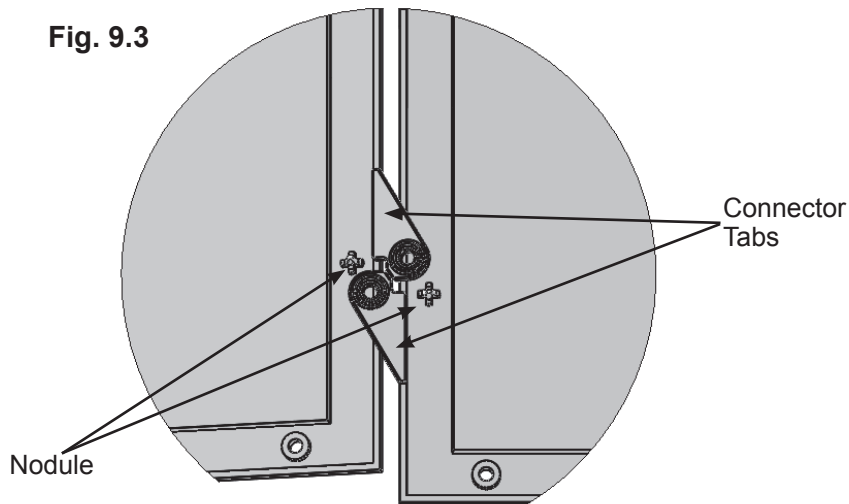
**Fig. 9.1**



**Fig. 9.2**



**Fig. 9.3**



### Other Parts

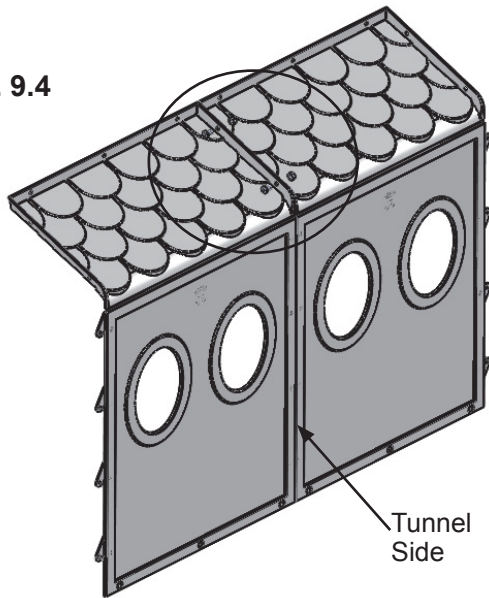
4 x MOD Tunnel Panels

## Step 9: Tunnel Assembly Part 2

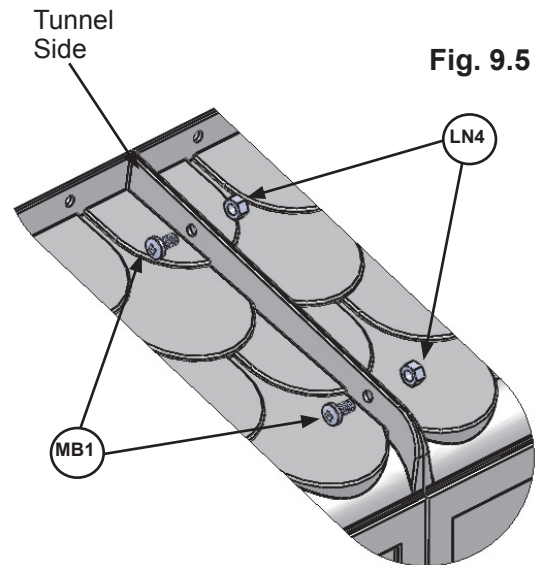
**E:** Attach the tops of each Tunnel Side together using 2 (MB1) #12 x 1/2" Pan Bolts (with #12 Lock Nut) per side. (fig. 9.4 and 9.5)

**F:** Join the 2 Tunnel Sides together so the tops are tight together and attach with 6 (MB1) #12 x 1/2" Pan Bolts (with #12 Lock Nut). (fig. 9.6 and 9.7)

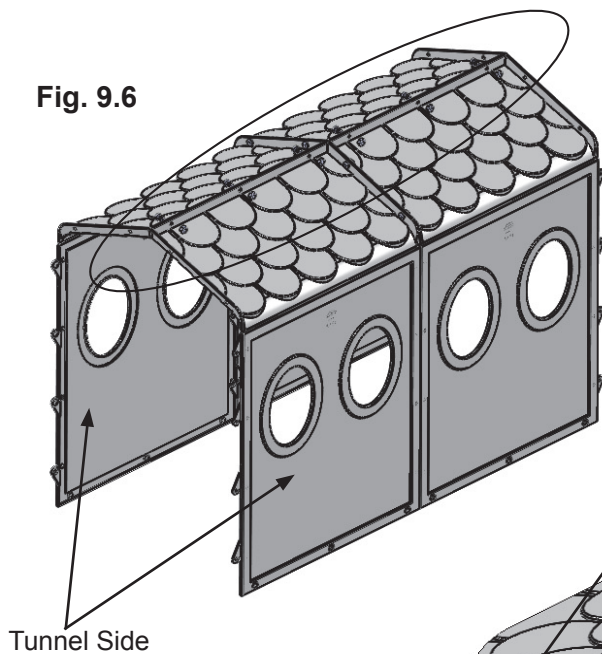
**Fig. 9.4**



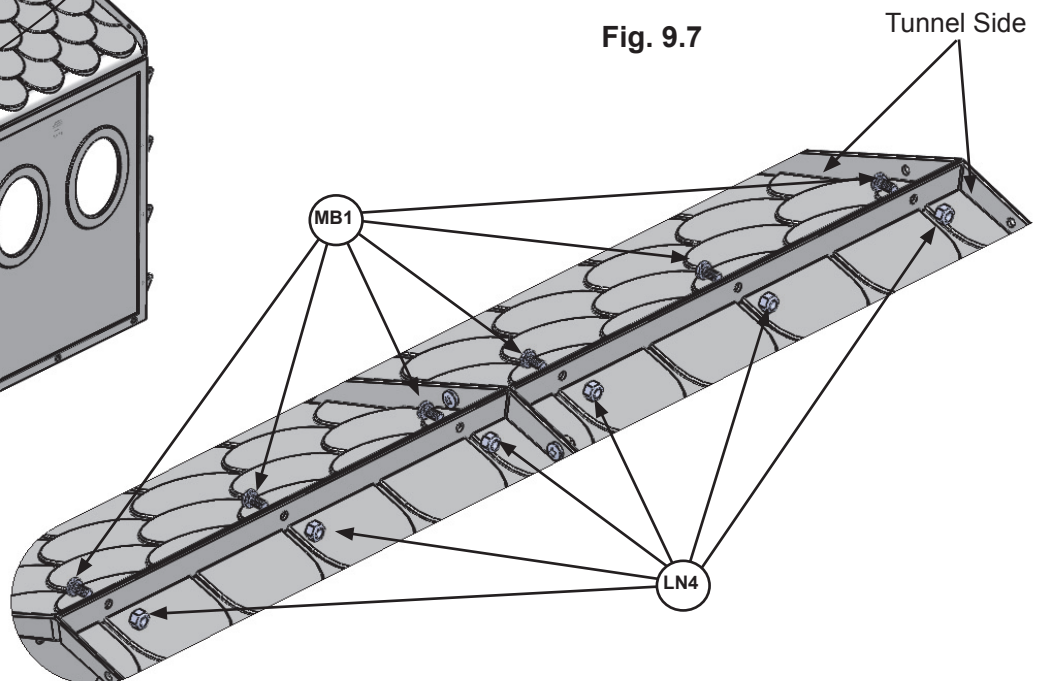
**Fig. 9.5**



**Fig. 9.6**



**Fig. 9.7**

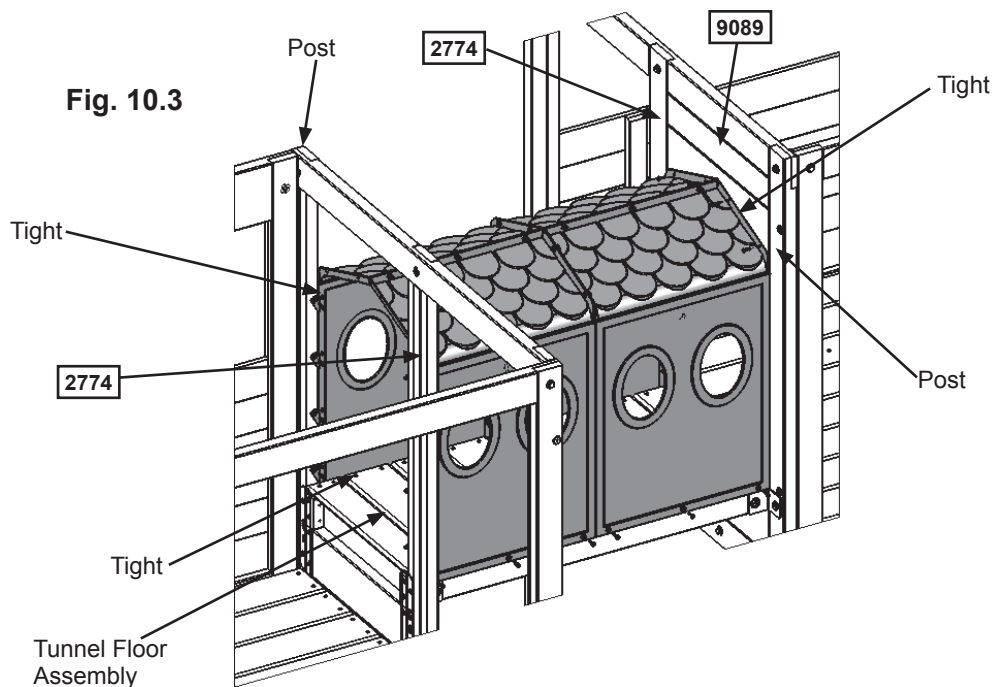
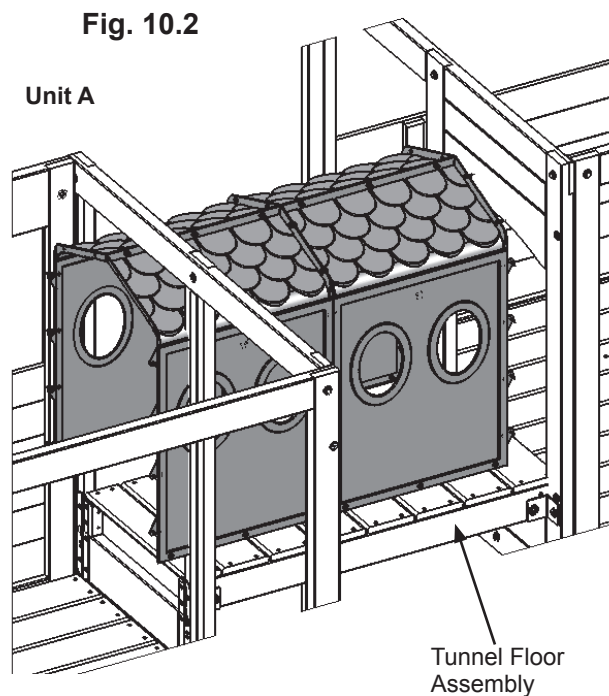
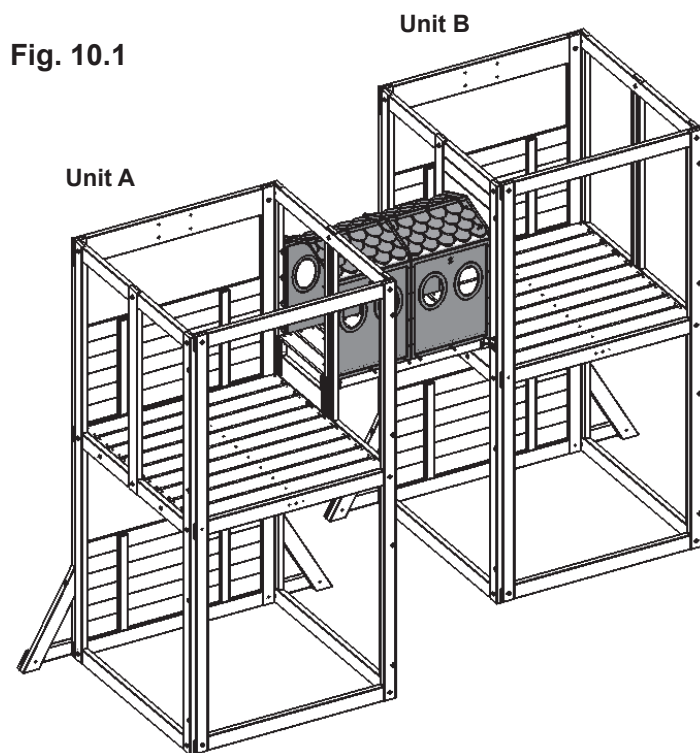


### Hardware

10 x (MB1) #12 x 1/2" Pan Bolt (#12 Lock Nut)

# Step 10: Attach Tunnel Assembly to Fort Part 1

**A:** From inside Unit A slide the Tunnel Assembly through the opening onto the Tunnel Floor Assembly so it sits tight to the (9089) Upper Tunnel Insert on Unit B, both posts and both (2774) Uprights and the tunnel floor boards. (fig. 10.1, 10.2 and 10.3)



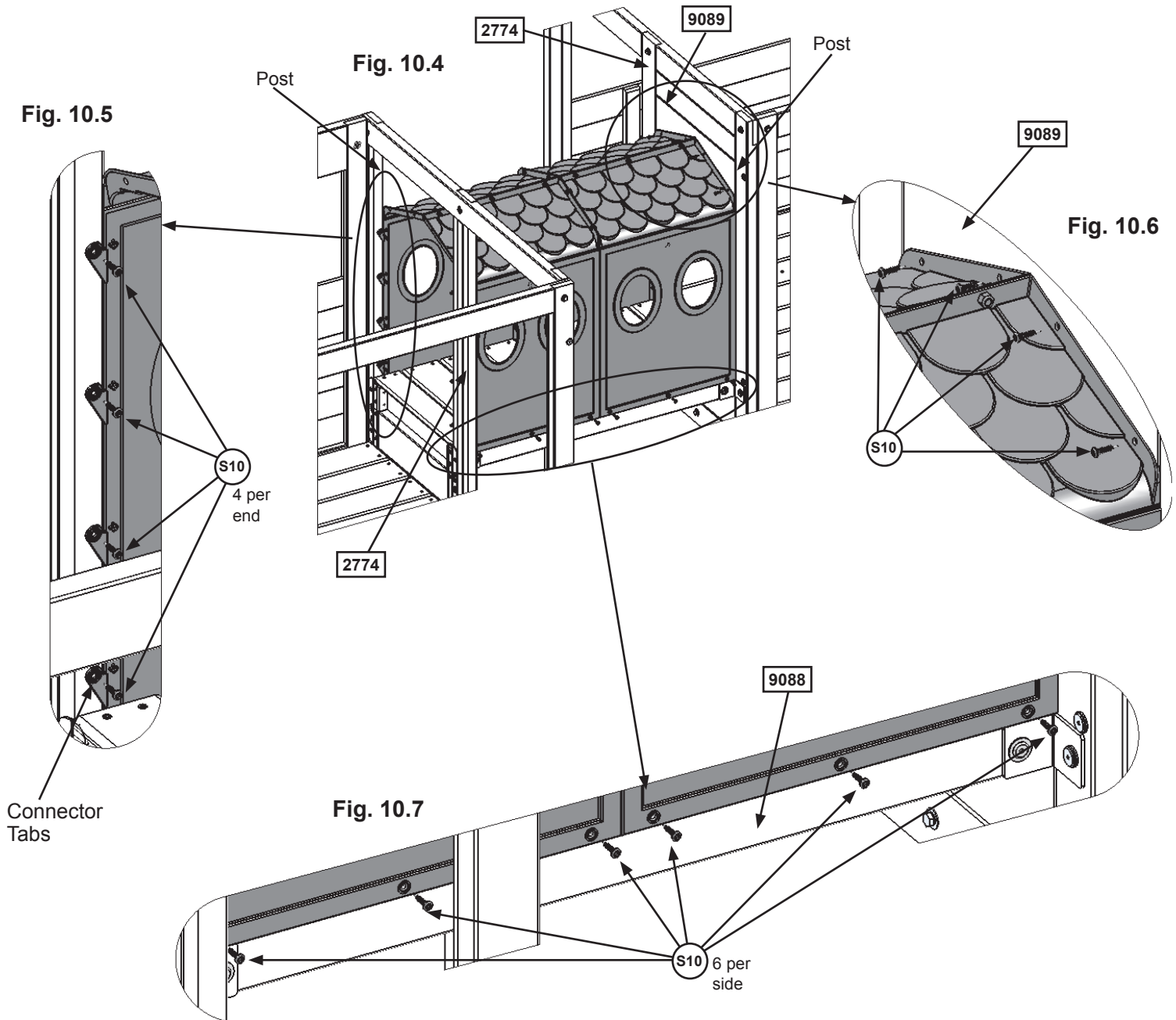


## Step 10: Attach Tunnel Assembly to Fort Part 2

**B:** Attach Tunnel Assembly to the posts and (2774) Uprights through the connector tab holes with 4 (S10) #8 x 1" Pan Screws per end. (fig. 10.4 and 10.5)

**C:** Attach Tunnel Assembly to (9089) Upper Tunnel Insert with 4 (S10) #8 x 1" Pan Screws. (fig. 10.4 and 10.6)

**D:** Attach Tunnel Assembly to each (9088) Tunnel Side Joist with 6 (S10) #8 x 1" Pan Screws per side. (fig. 10.4 and 10.7)



### Hardware

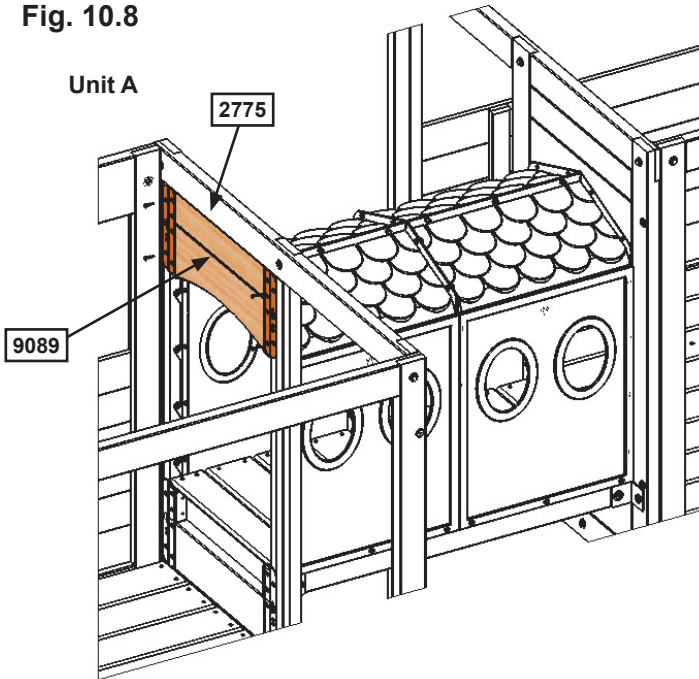
32 x (S10) #8 x 1" Pan Screw

## Step 10: Attach Tunnel Assembly to Fort Part 3

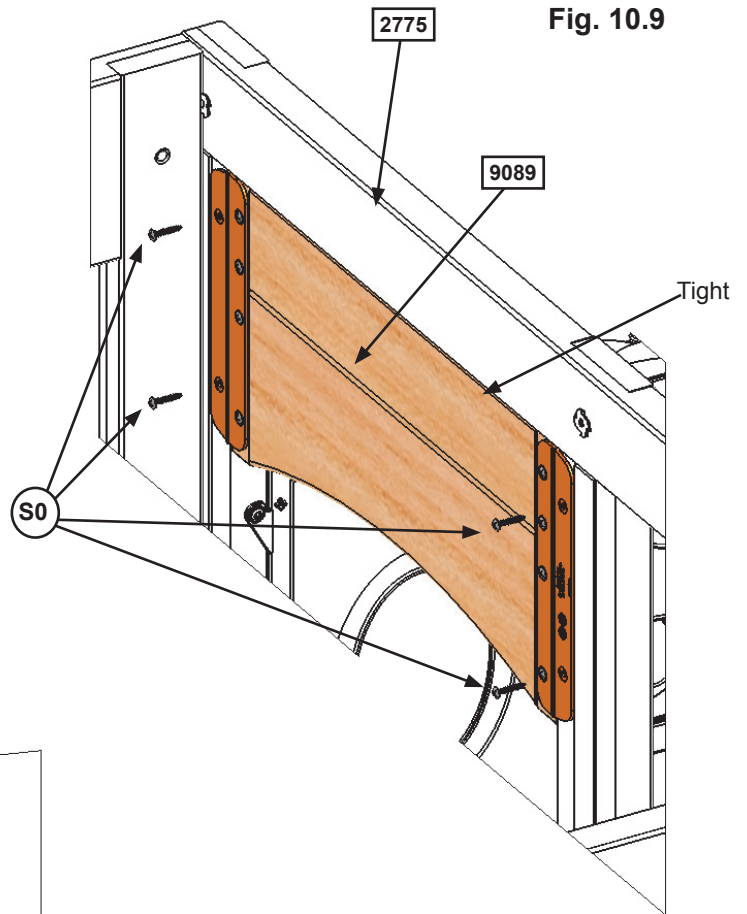
**E:** From inside Unit A place 1 (9089) Upper Tunnel Insert tight to (2775) Panel Cross Support and attach with 4 (S0) #8 x 7/8" Truss Screws. (fig. 10.8 and 10.9)

**F:** Attach Tunnel Assembly to (9089) Upper Tunnel Insert with 4 (S10) #8 x 1" Pan Screws. (fig. 10.8 and 10.10)

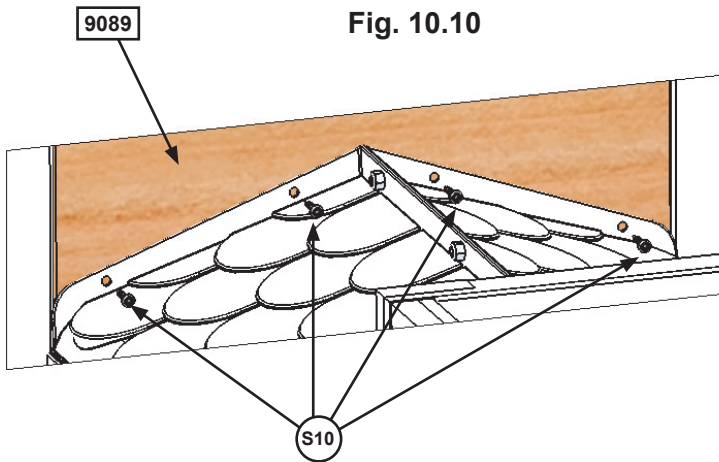
**Fig. 10.8**



**Fig. 10.9**



**Fig. 10.10**



### Wood Parts

1 x 9089 Upper Window Insert 1.27 x 8.25 x 18.8"

### Hardware

4 x S0 #8 x 7/8" Truss Screw

4 x S10 #8 x 1" Pan Screw



# Step 11: Swing Beam Assembly



**A:** Attach 6 Swing Hangers to the (2614) Engineered Beam using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger as shown in fig. 11.1.

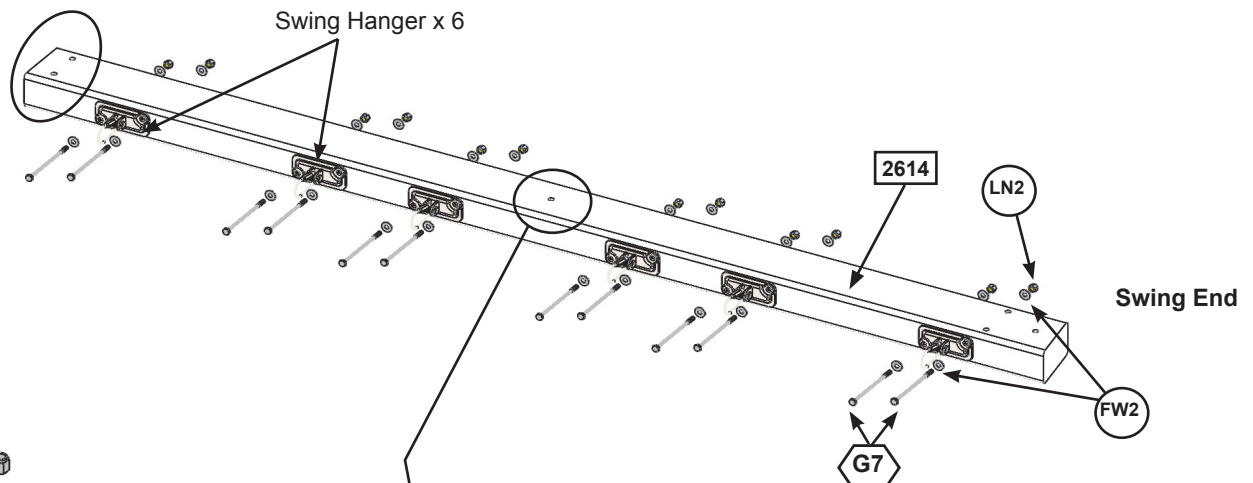
**B:** Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 11.1 and 11.2)

**C:** Install 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 11.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

**D:** Attach Cedar Summit Plaque to centre of (2614) Engineered Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 11.4)

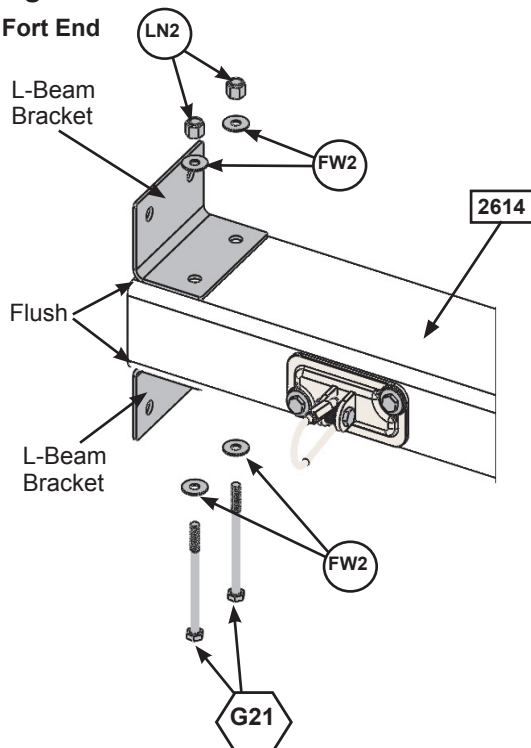
**Fig. 11.1**

Fort End

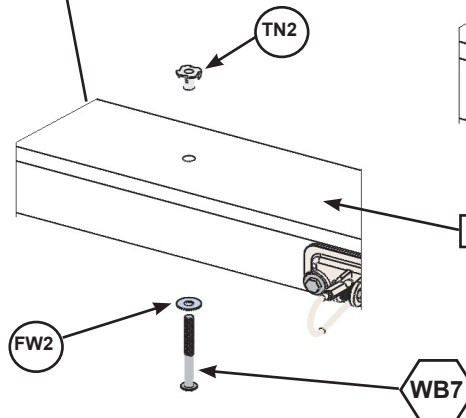


**Fig. 11.2**

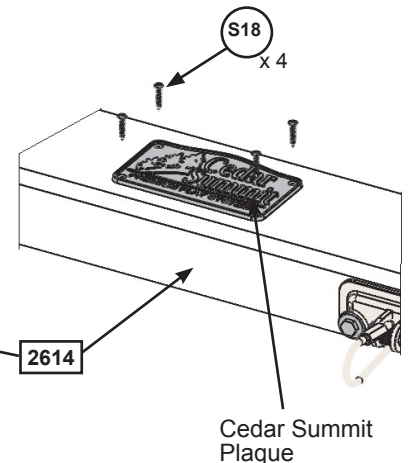
Fort End



**Fig. 11.3**



**Fig. 11.4**



## Wood Parts

1 x (2614) Engineered Beam 4 x 6 x 88"

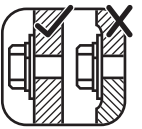
## Hardware

12 x (G7) 5/16 x 5-1/2" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)  
 2 x (G21) 5/16 x 3-3/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)  
 1 x (WB7) 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)  
 4 x (S18) #6 x 1" Wood Screw

## Other Parts

6 x Swing Hangers  
 2 x L-Beam Bracket  
 1 x Cedar Summit Plaque

## Step 12: Swing End Assembly

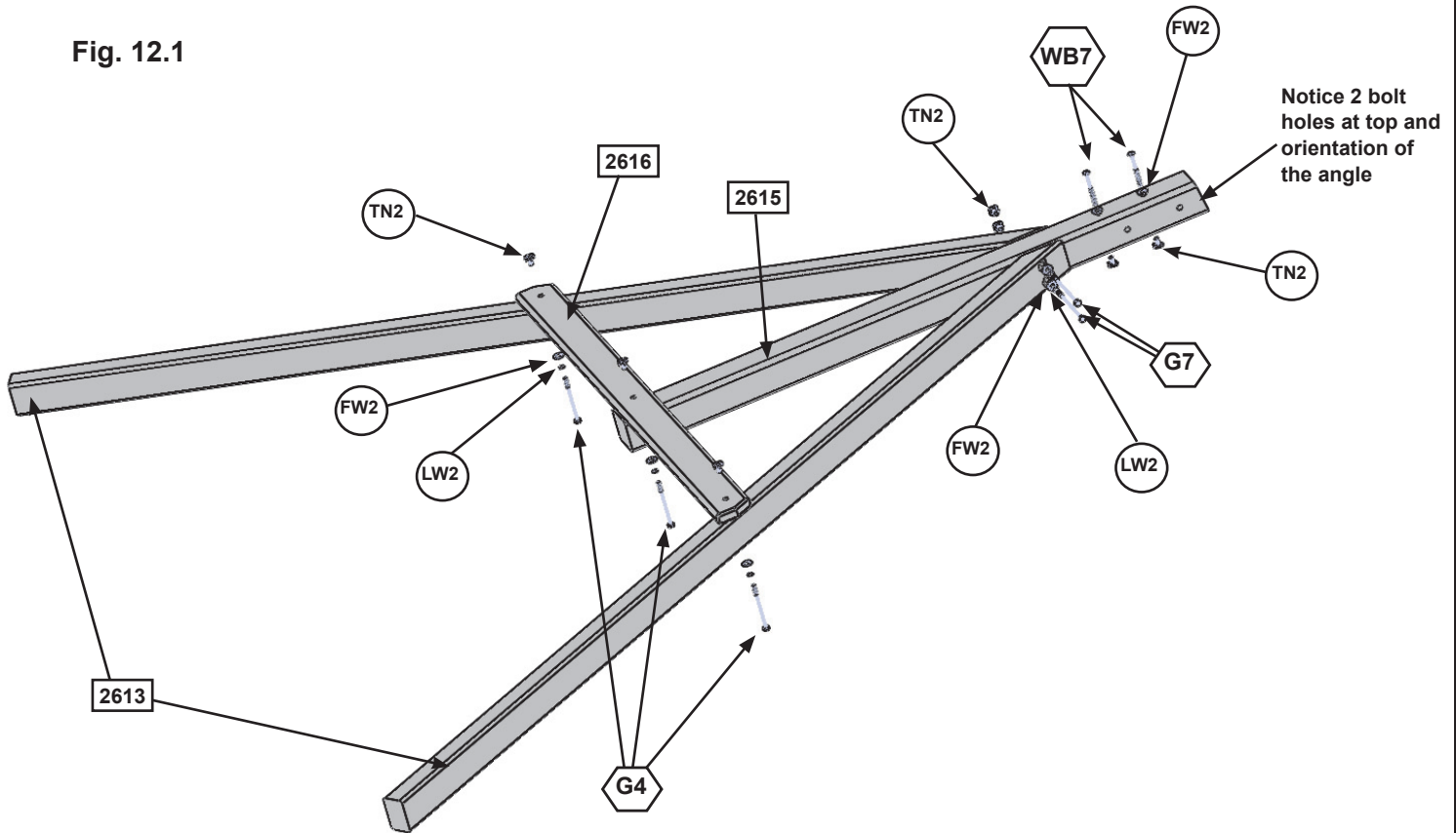


**A:** Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 12.1)

**B:** Attach (2616) SW Support to both (2613) Heavy SW Posts and (2615) SW Upright using 3 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts (fig. 12.1)

**C:** Install 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (2615) SW Upright as shown in fig. 12.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 12.1



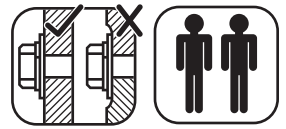
### Wood Parts

- 2 x 2613 Heavy SW Post 2 x 3 x 86-11/16"
- 1 x 2615 SW Upright 4 x 4 x 50-15/16"
- 1 x 2616 SW Support 5/4 x 4 x 46-1/2"

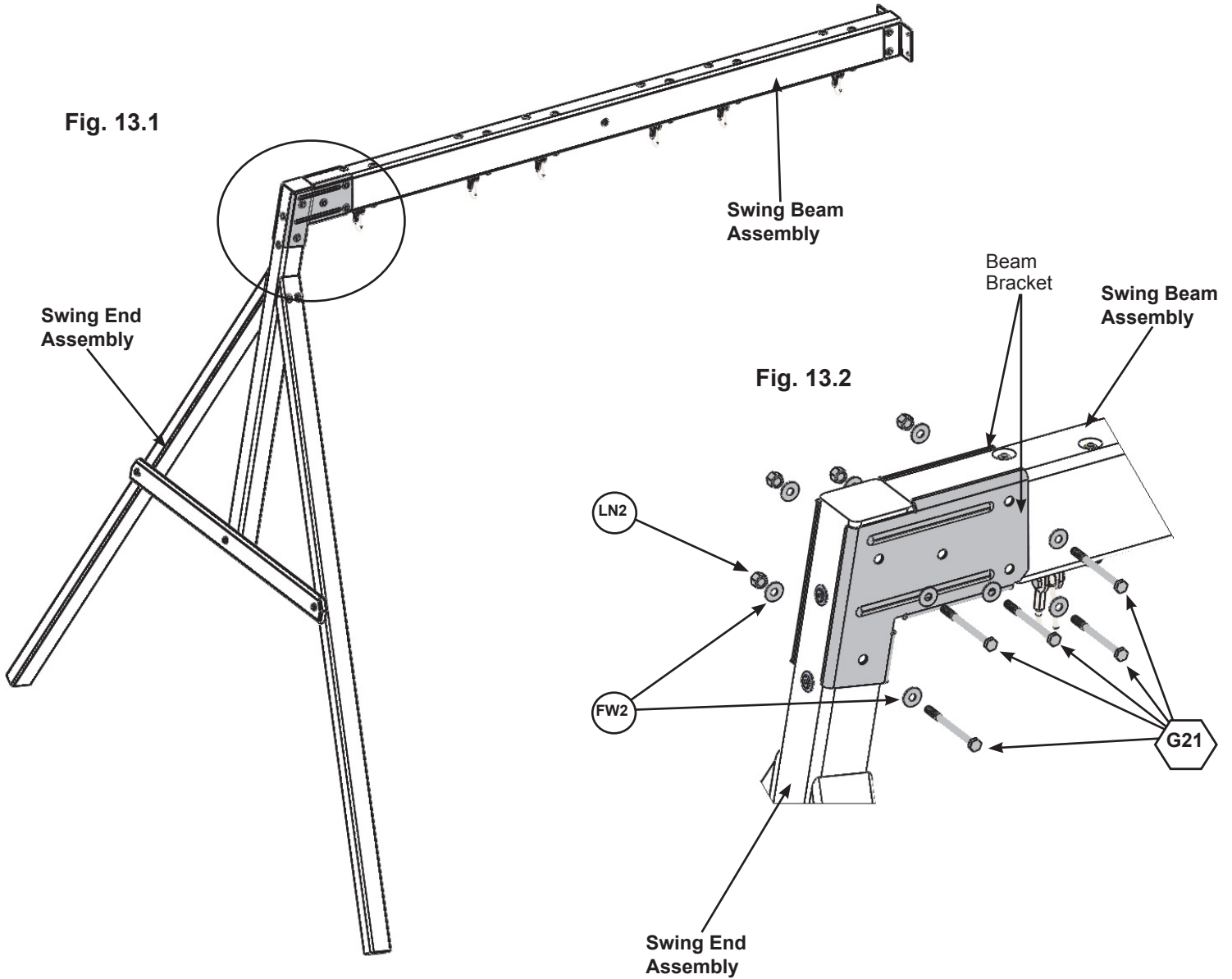
### Hardware

- 2 x G7 5/16 x 5-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 3 x G4 5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 2 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

## Step 13: 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) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 13.1 and 13.2)



### Hardware

5 x  5/16 x 3-3/4" Hex Bolt  
(5/16" flat washer x 2, 5/16" lock nut)

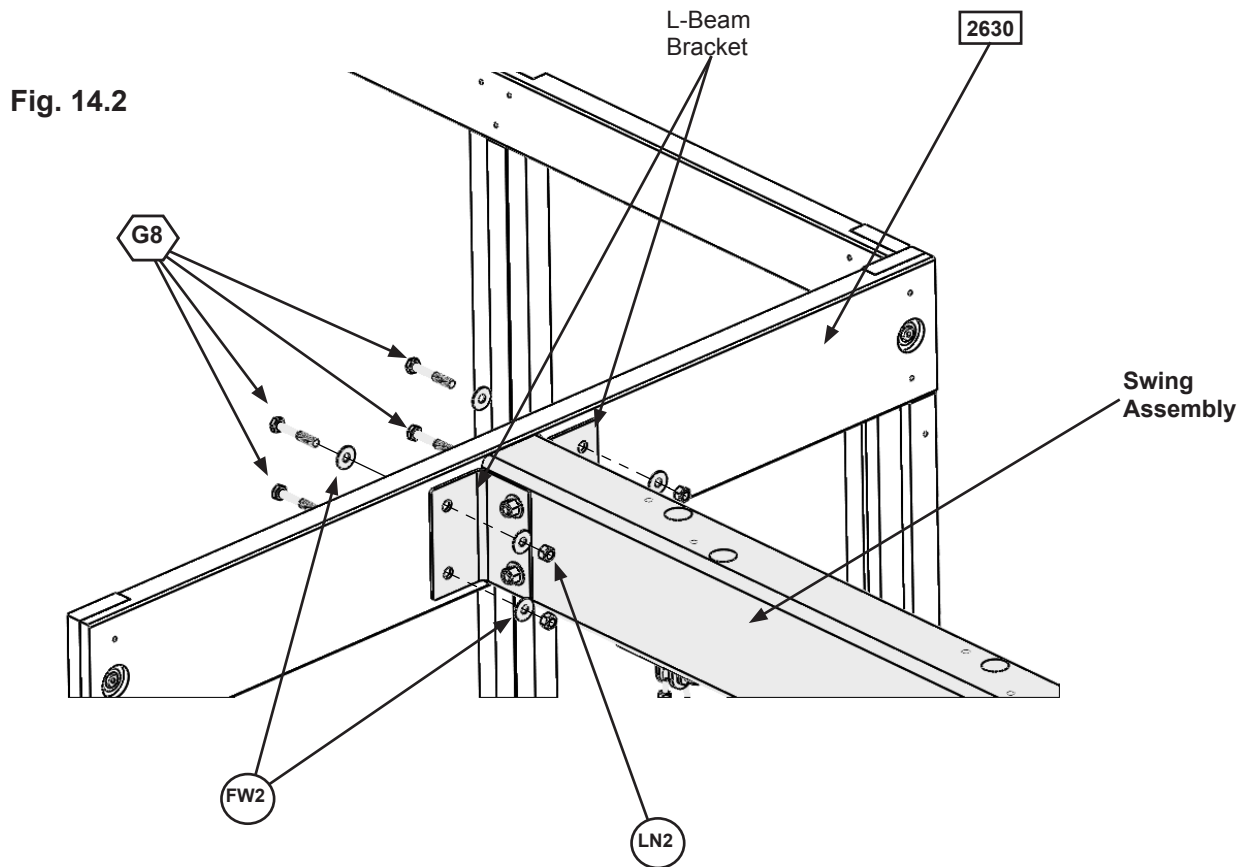
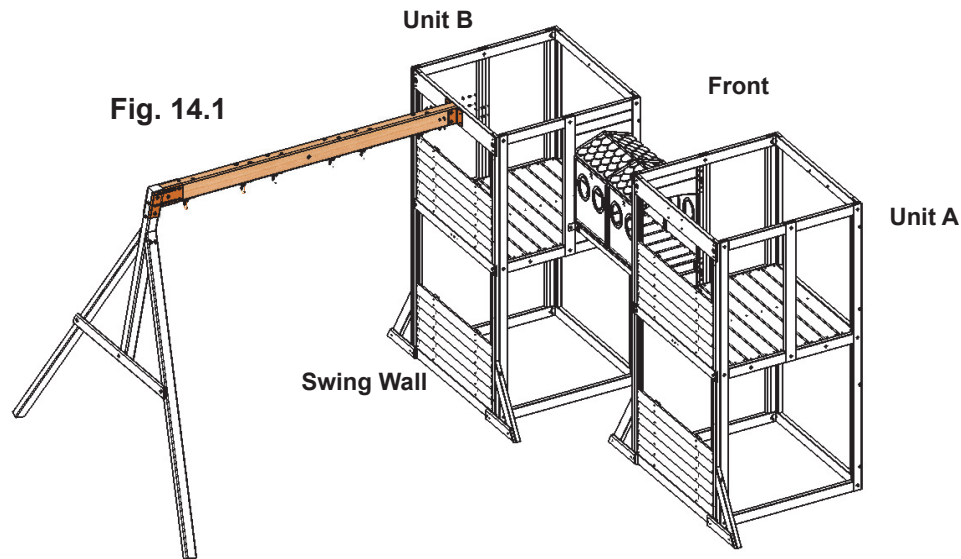
### Other Parts

2 x Beam Bracket (Left/Right)

## Step 14: Attach Swing Assembly To Fort



**A:** On Unit B 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) 5/16 x 2" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 14.1 and 14.2)



### Hardware

4 x  5/16 x 2" Hex Bolt  
(5/16" flat washer x 2, 5/16" lock nut)

## Step 15: Install Ground Stakes

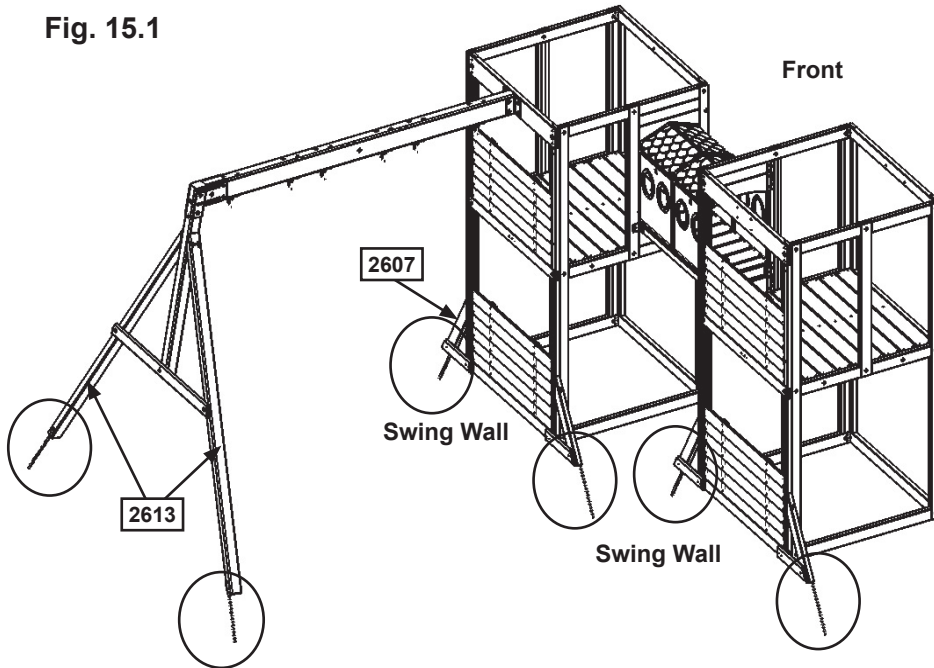
**A:** In the 6 places shown in fig. 15.1 drive the Rebar Ground Stakes 13" into the ground against all 4 (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

**B:** Attach ground stakes using 1 (S7) #12 x 2" Pan Screw per ground stake. (fig. 15.2)

**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.

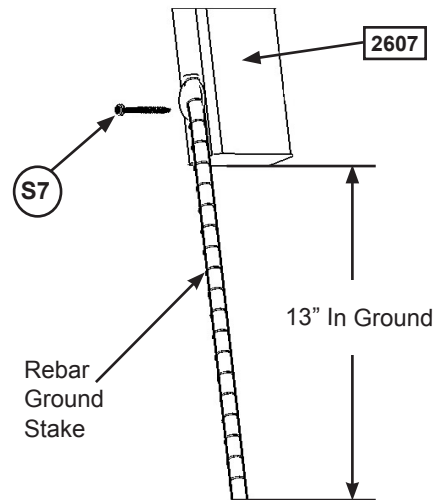
**⚠Warning!** To prevent tipping and avoid potential injury, stakes must be driven 13" into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 15.1



**SEE FRONT COVER  
FOR SAFETY CLEARANCE**

Fig. 15.2



### Hardware

6 x (S7) #12 x 2" Pan Screw

### Other Parts

6 x Rebar Ground Stake

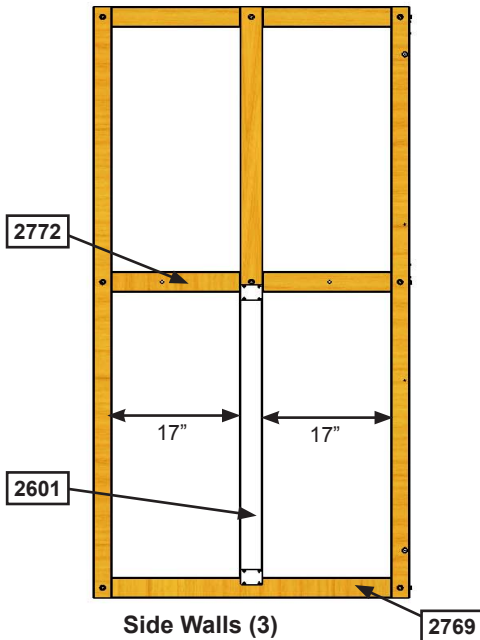
# Step 16: Install Upper and Lower Jambs

## Part 1

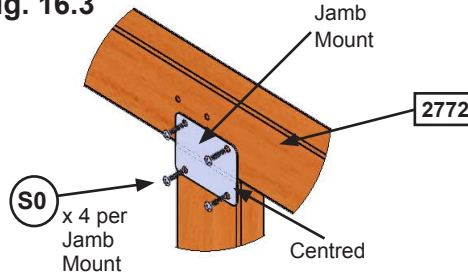


**A:** In the lower opening of each Unit A Side Wall and Tunnel Side Wall and the outer Side Wall in Unit B place 1 (2601) Lower Jamb so it measures 17" to the inside of each post then attach each (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 16.1, 16.2, 16.3, 16.4 and 16.5).

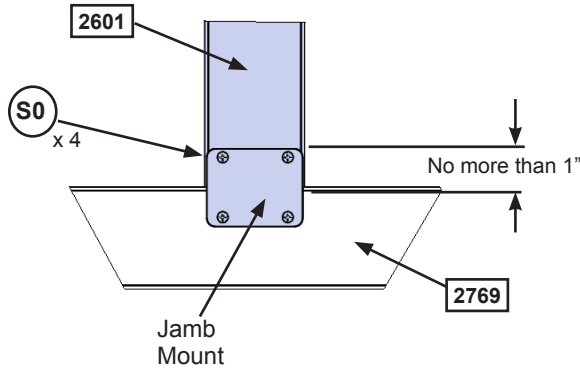
**Fig. 16.1**  
Outside View



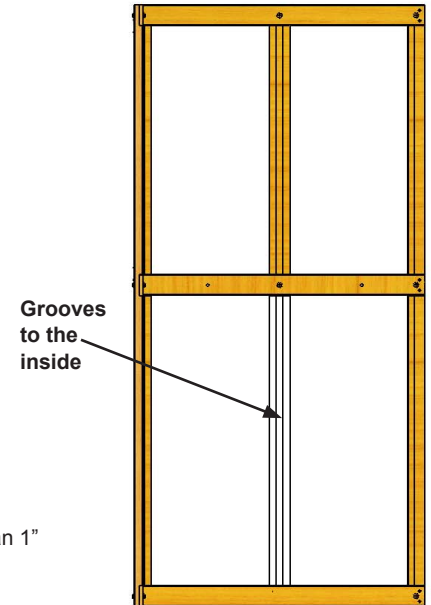
**Fig. 16.3**



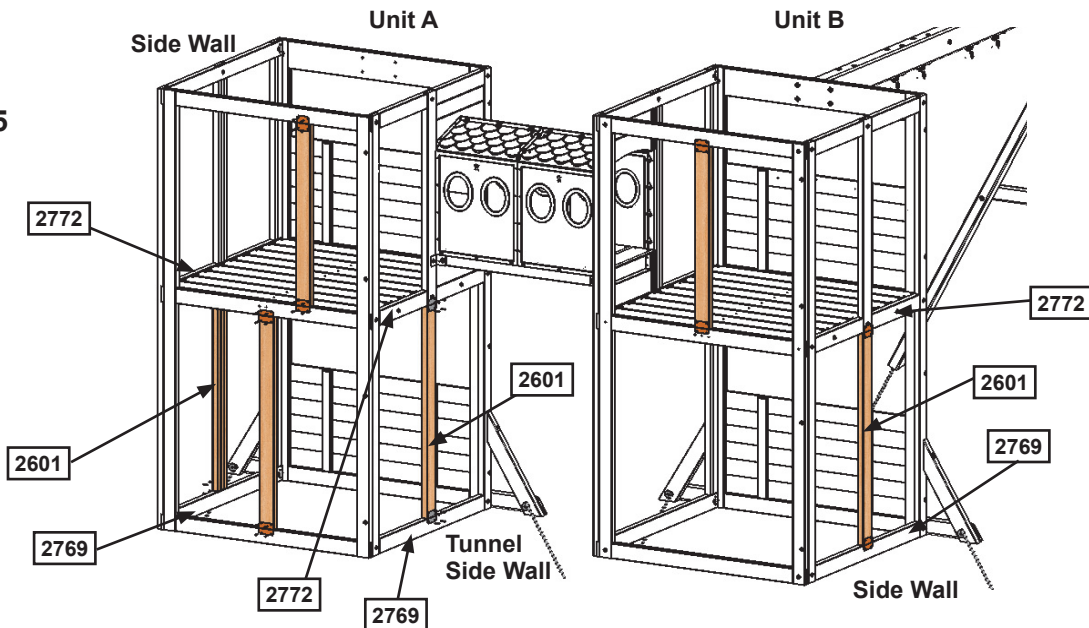
**Fig. 16.4**



**Fig. 16.2**  
Inside View



**Fig. 16.5**



### Wood Parts

3 x 2601 Lower Jamb 1-1/4 x 3 x 41-15/16"

### Hardware

24 x S0 #8 x 7/8" Truss Screw

### Other Parts

6 x Jamb Mount



# Step 16: Install Upper and Lower Jambs

## Part 2

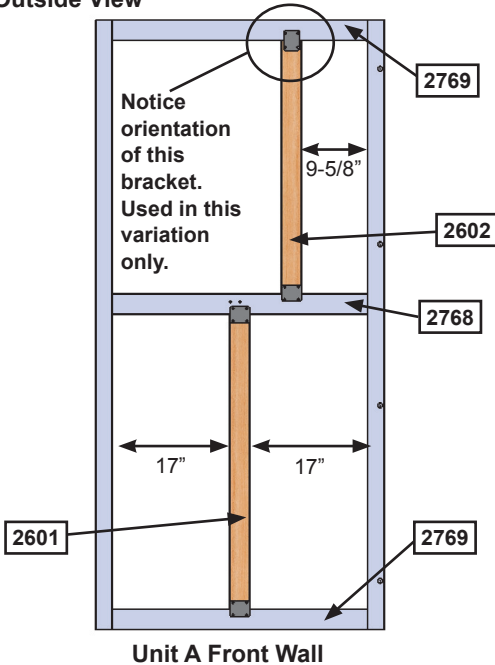


**B:** On the Front Wall in Unit A place 1 (2602) Upper Jamb in the upper opening so it measures 9-5/8" to the inside of the right post and 1 (2601) Lower Jamb in the lower opening so it measures 17" to the inside of each post then attach each board with 2 Jamb Mounts to (2769) Panel BT Frames and (2768) Panel Floor using 4 (S0) #8 x 7/8" Truss Screws per mount. The bottom Jamb Mount in each (2602) should not measure more than 1" down from top of board. (fig. 16.6, 16.8, 16.9 and 16.10)

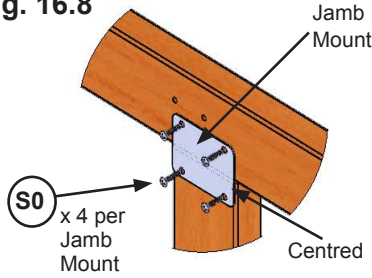
**C:** In the upper opening of Unit B Front Wall place 1 (2602) Upper Jamb so it measures 17" to the inside of each post then attach to (2769) Panel BT Frame and (2768) Panel Floor with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 16.7, 16.8, 16.9 and 16.10). Note 1" measurement as noted in B.

**Fig. 16.6**

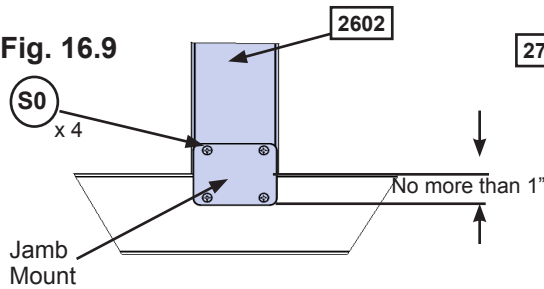
Outside View



**Fig. 16.8**

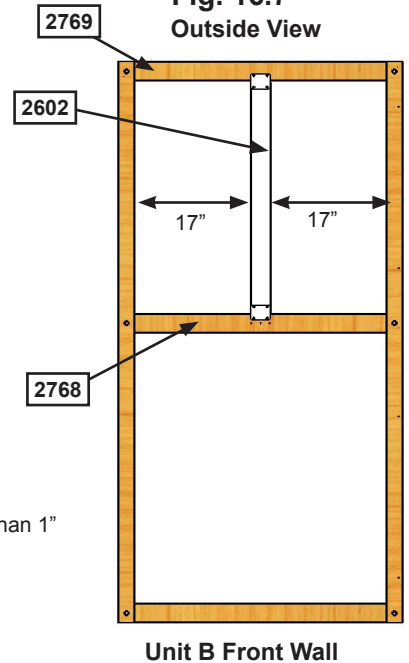


**Fig. 16.9**

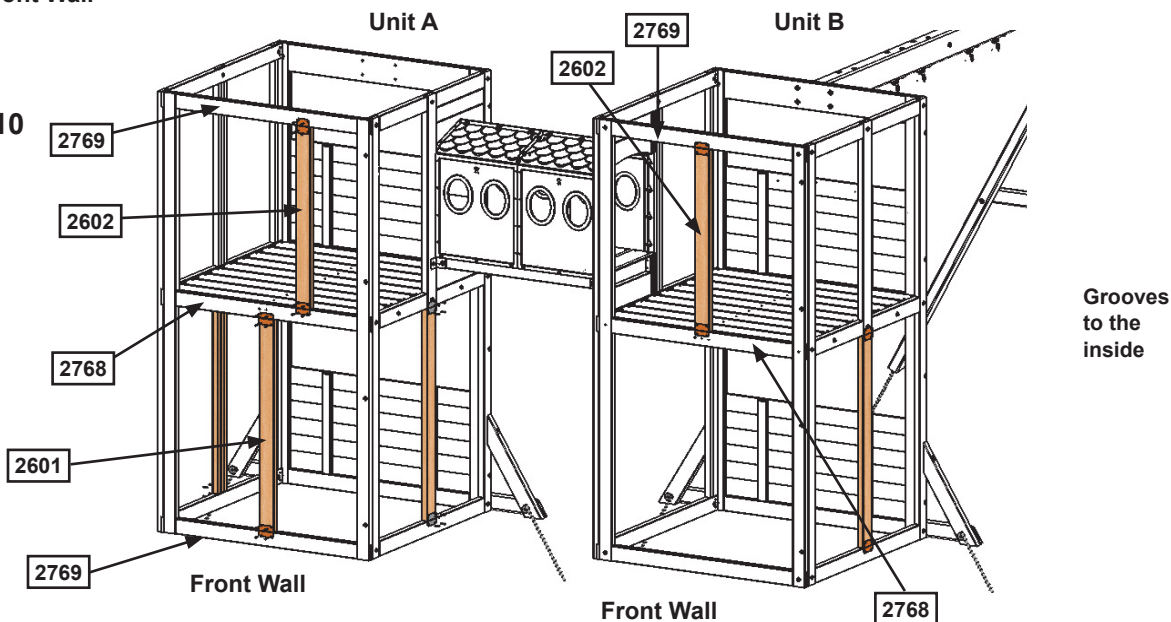


**Fig. 16.7**

Outside View



**Fig. 16.10**



### Wood Parts

- 2 x 2602 Upper Jamb 1-1/4 x 3 x 35-15/16"
- 1 x 2601 Lower Jamb 1-1/4 x 3 x 41-15/16"

### Hardware

- 24 x (S0) #8 x 7/8" Truss Screw

### Other Parts

- 6 x Jamb Mount



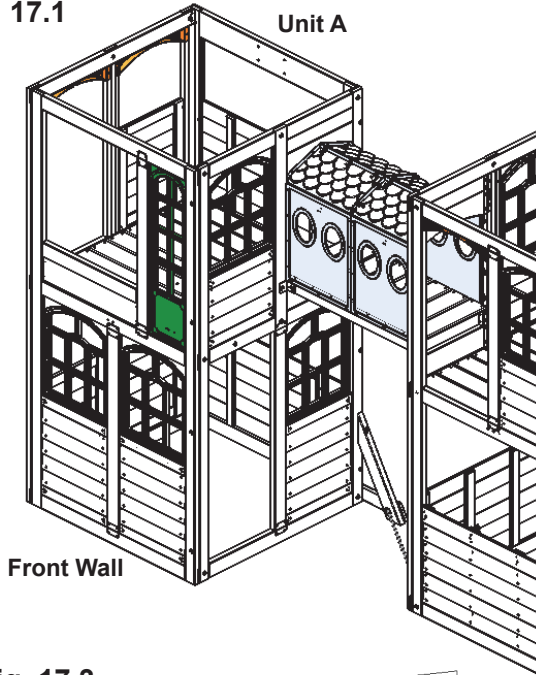
# Step 17: Install Window and Wall Inserts

## Part 1 - Unit A Front Wall

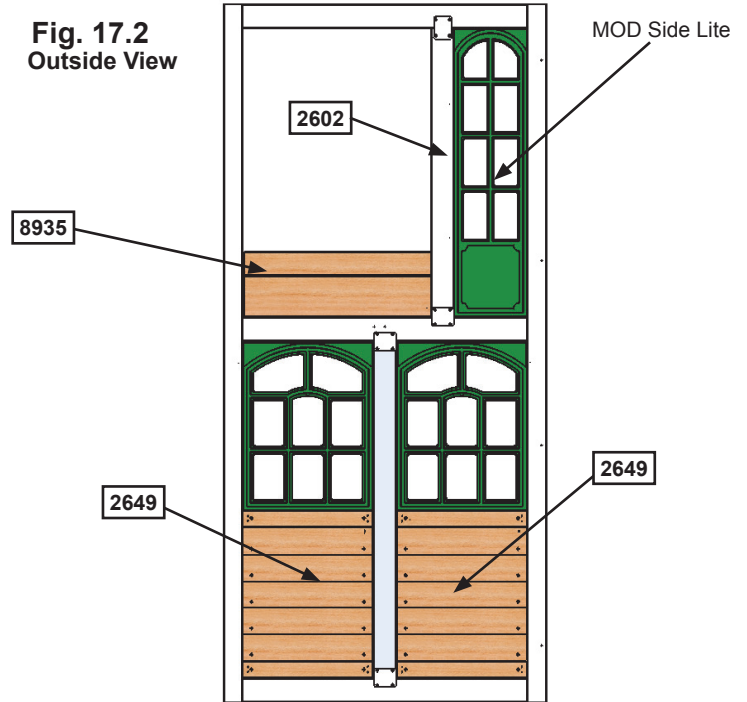
**A:** In the lower openings of Unit A Front Wall install 2 (2649) Lower Window Inserts using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 17.1, 17.2 and 17.3)

**B:** In the upper openings of Unit A Front Wall install 1 (8935) Lower SL Insert with 4 (S0) #8 x 7/8" Truss Screws and 1 MOD Side Lite with 14 (S0) #8 x 7/8" Truss Screws. (fig. 17.1, 17.2 and 17.4)

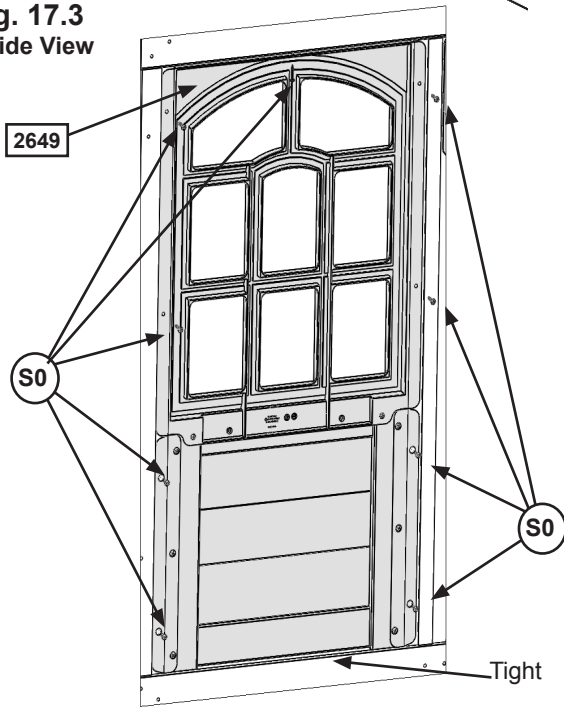
**Fig. 17.1**



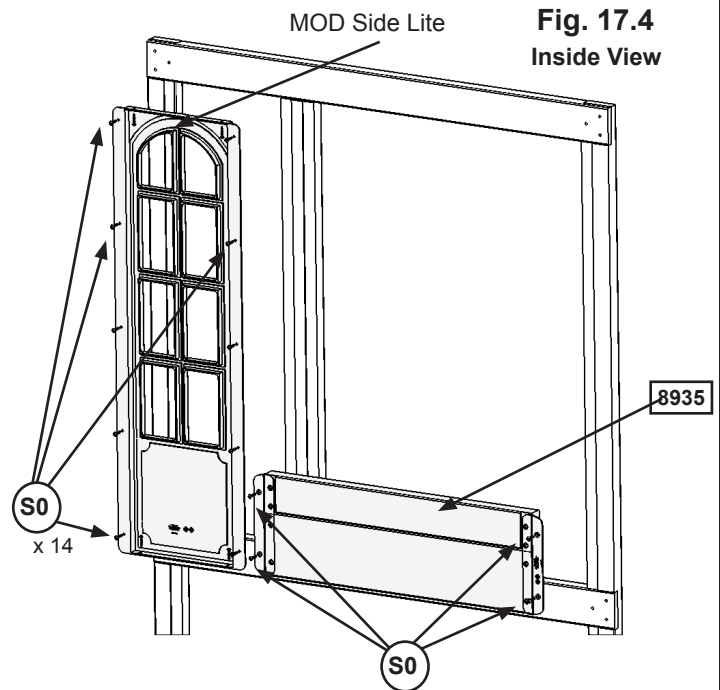
**Fig. 17.2**  
Outside View



**Fig. 17.3**  
Inside View



**Fig. 17.4**  
Inside View



### Wood Parts

- 2 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"
- 1 x 8935 Lower SL Insert 1.36 x 8-1/8 x 26-1/4"  
(from TNR III box)

### Hardware

- 36 x S0 #8 x 7/8" Truss Screw

### Other Parts

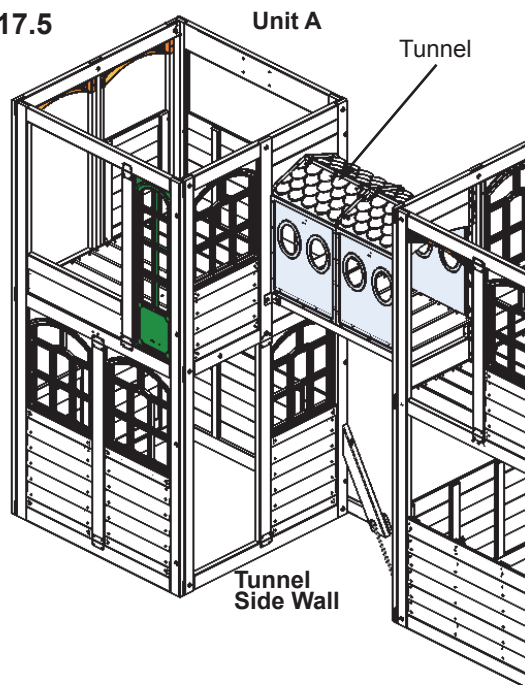
- 1 x MOD Side Lite  
(from TNR III box)

# Step 17: Install Window and Wall Inserts

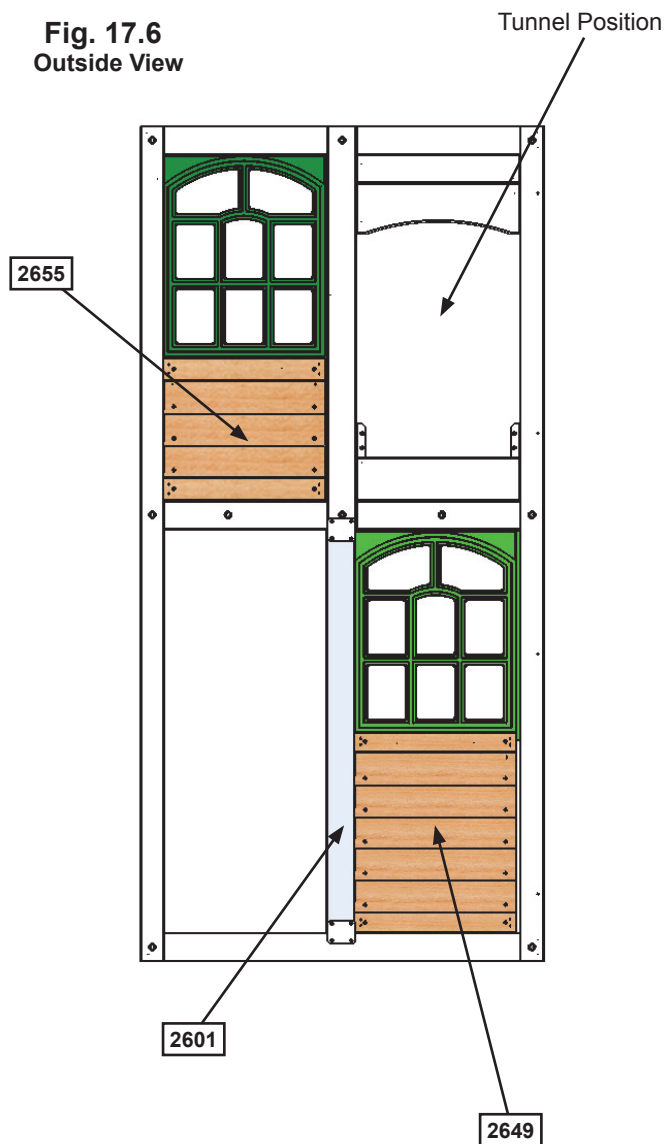
## Part 2 - Unit A Tunnel Side Wall

**C:** In the lower opening of Unit A Tunnel Side Wall under the tunnel install 1 (2649) Lower Window Insert and in the upper opening beside the tunnel install 1 (2655) Upper Window Inserts using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 17.5, 17.6 and 17.7)

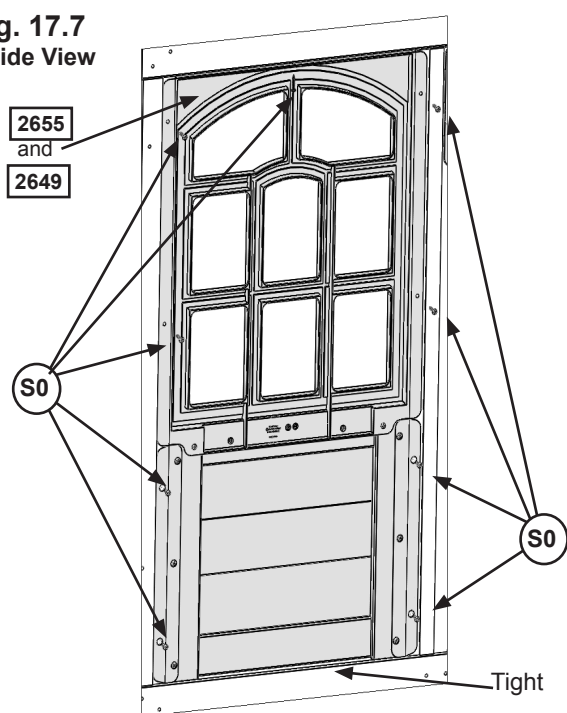
**Fig. 17.5**



**Fig. 17.6**  
Outside View



**Fig. 17.7**  
Inside View



### Wood Parts

- 1 x 2655 Upper Window Insert 1.27 x 18.8 x 35.86"
- 1 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"

### Hardware

- 18 x (S0) #8 x 7/8" Truss Screw

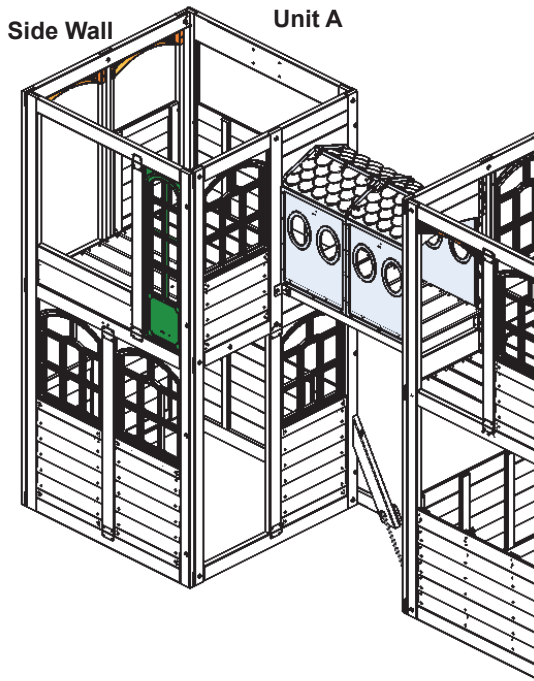
# Step 17: Install Window and Wall Inserts

## Part 3 - Unit A Side Wall

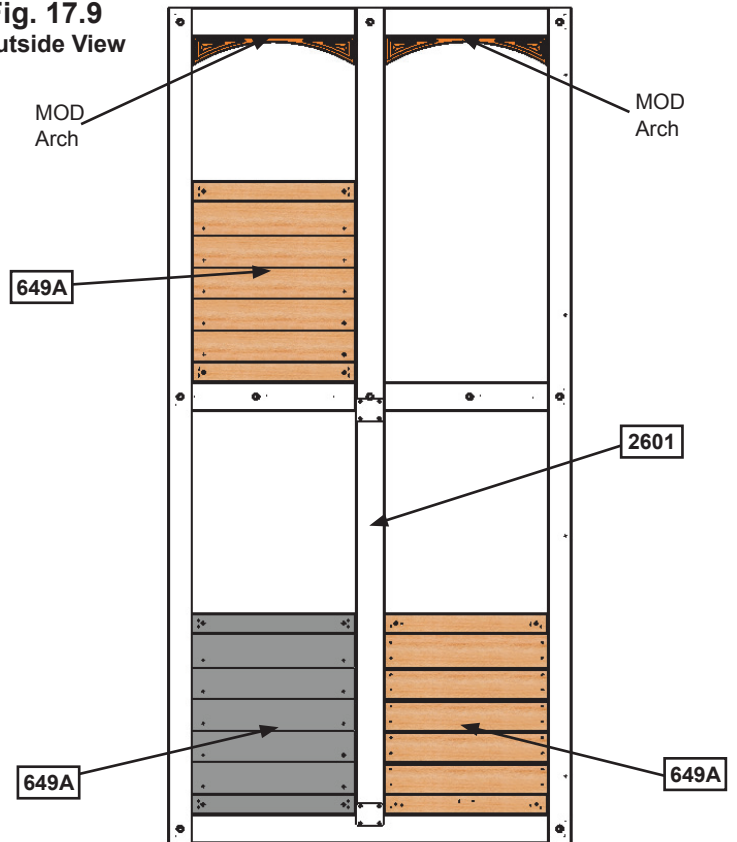
**D:** In the upper openings of Unit A Side Wall install 2 MOD Arches using 3 (S0) #8 x 7/8" Truss Screws per insert. (fig. 17.8, 17.9 and 17.10)

**E:** In the left hand upper opening and both lower openings install 3 (649A) Short Half Walls using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 17.8, 17.9 and 17.11)

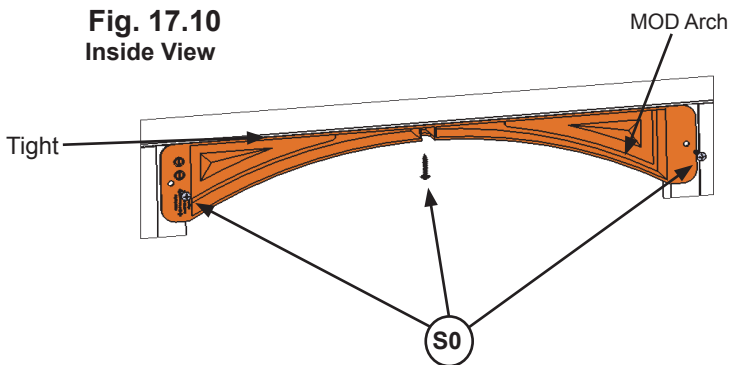
**Fig. 17.8**



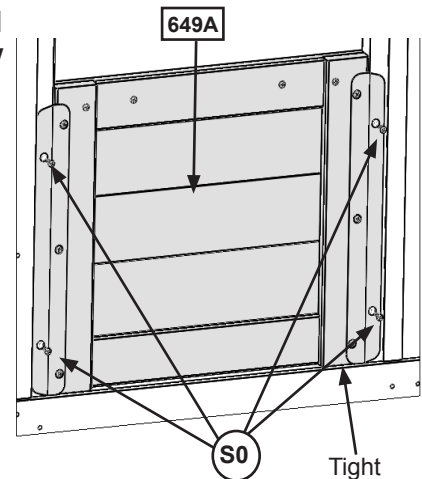
**Fig. 17.9**  
Outside View



**Fig. 17.10**  
Inside View



**Fig. 17.11**  
Inside View



### Wood Parts

3 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

### Hardware

18 x S0 #8 x 7/8" Truss Screw

### Other Parts

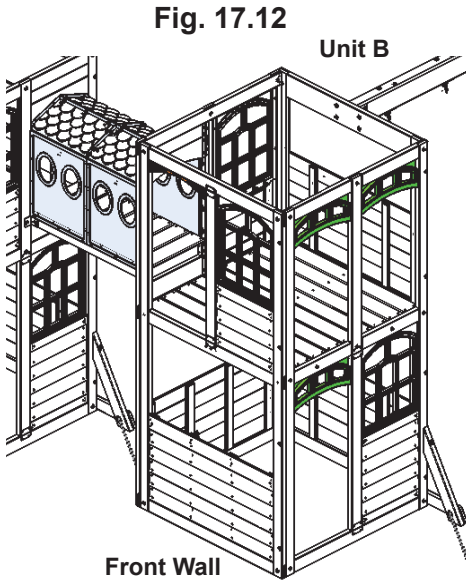
2 x MOD Arch

## Step 17: Install Window and Wall Inserts

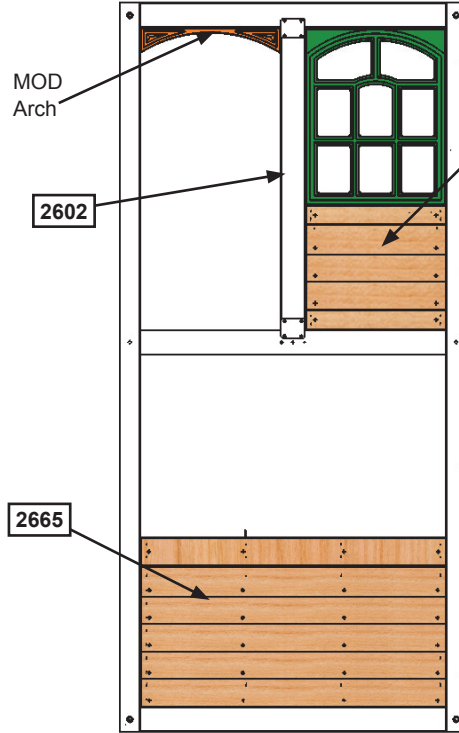
### Part 4 - Unit B Front Wall

**F:** In the lower opening of Unit B Front Wall install 1 (2665) Half Wall Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 17.12, 17.13 and 17.14)

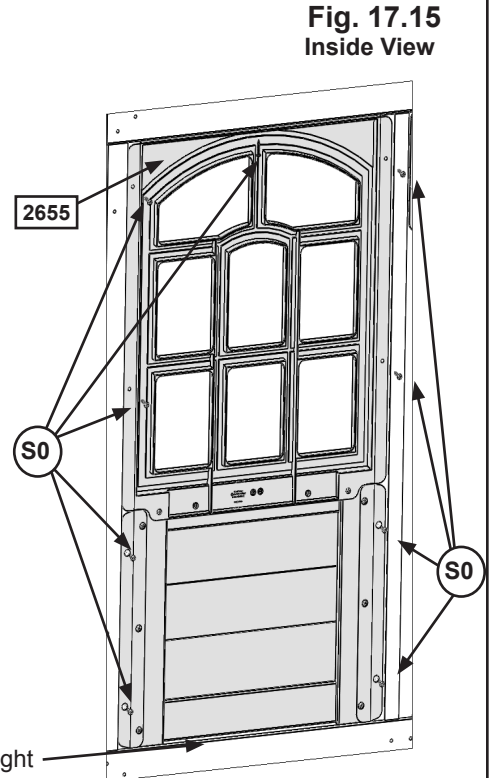
**G:** In the right hand upper opening of Unit B Front Wall install 1 (2655) Upper Window Insert using 9 (S0) #8 x 7/8" Truss Screws and in the upper opening on the left hand side install 1 MOD Arch using 3 (S0) #8 x 7/8" Truss Screws. (fig. 17.12, 17.13, 17.15 and 17.16)



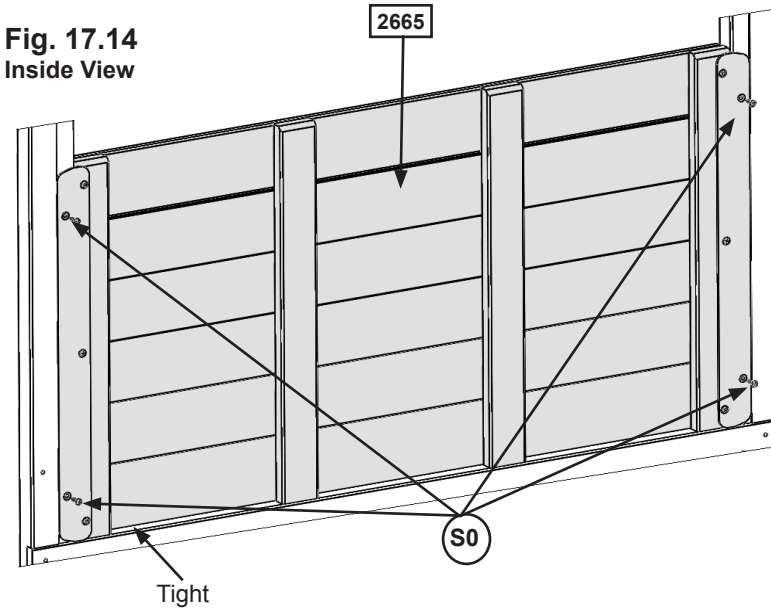
**Fig. 17.12**



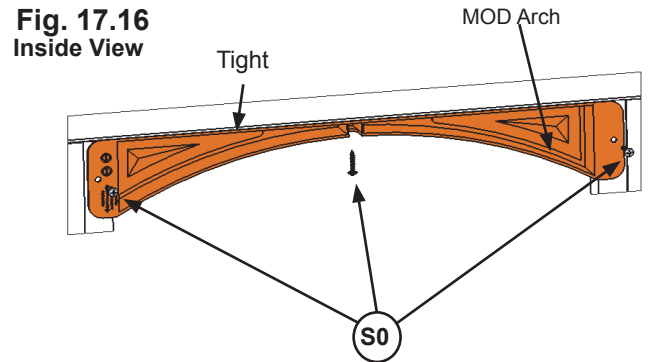
**Fig. 17.13**  
**Outside View**



**Fig. 17.15**  
**Inside View**



**Fig. 17.14**  
**Inside View**



**Fig. 17.16**  
**Inside View**

## Wood Parts

1 x **2665** Half Wall Insert 1.4 x 20-1/4 x 38.8"

1 x **2655** Upper Window Insert 1.27 x 18.8 x 35.86"

## Hardware

16 x (S0) #8 x 7/8" Truss Screw

## Other Parts

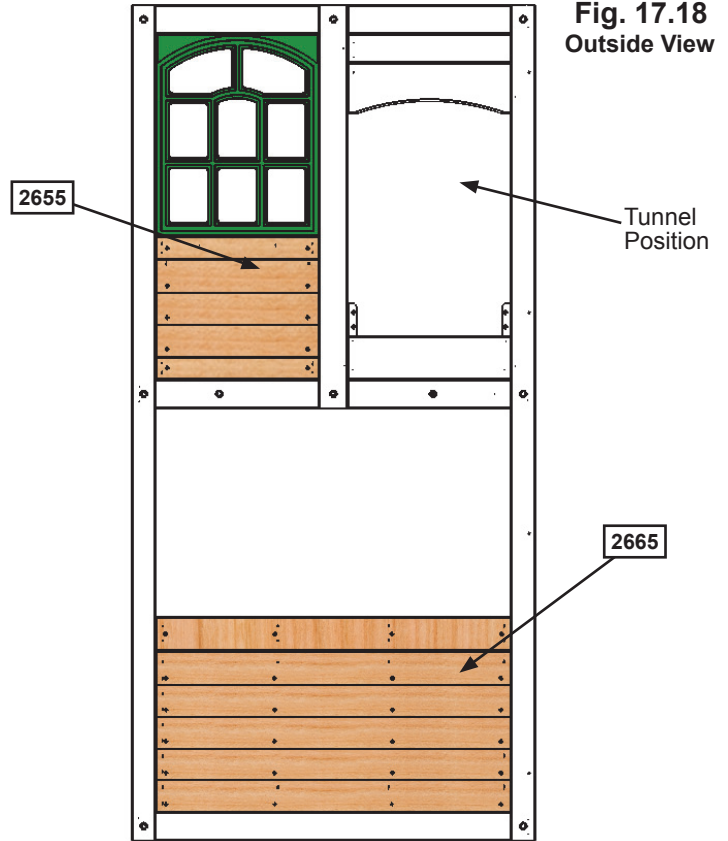
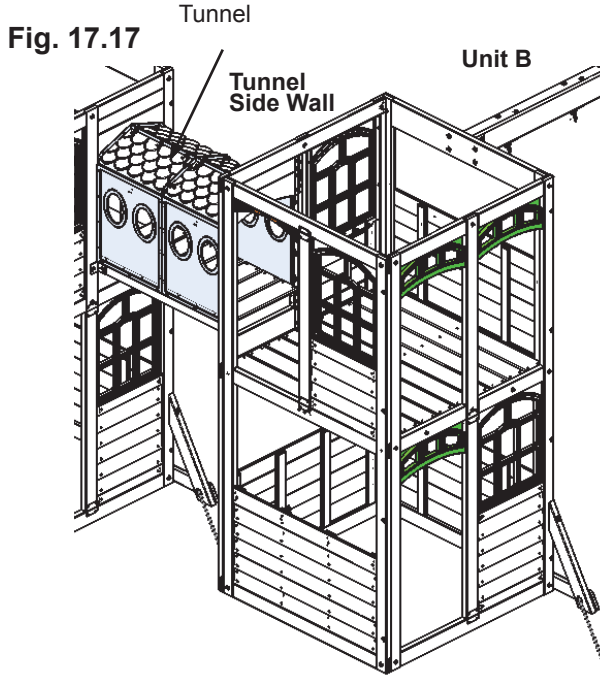
1 x MOD Arch

# Step 17: Install Window and Wall Inserts

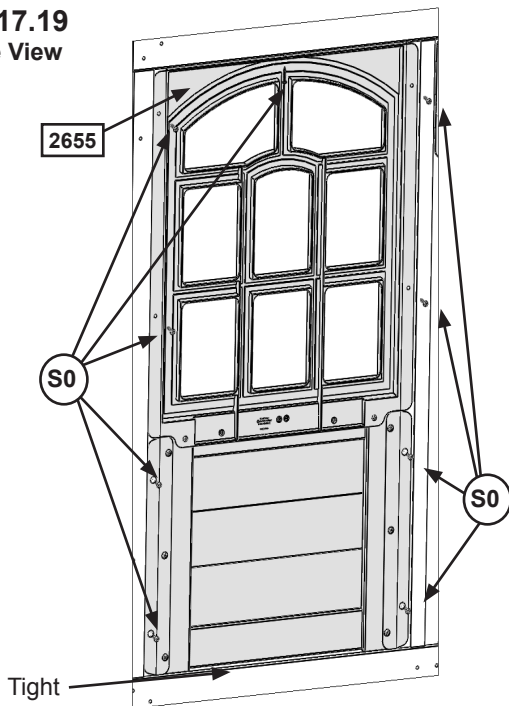
## Part 5 - Unit B Tunnel Side Wall

**H:** In the upper opening of Unit B Tunnel Side Wall beside the tunnel install 1 (2655) Upper Window Inserts using 9 (S0) #8 x 7/8" Truss Screws. (fig. 17.17, 17.18 and 17.19)

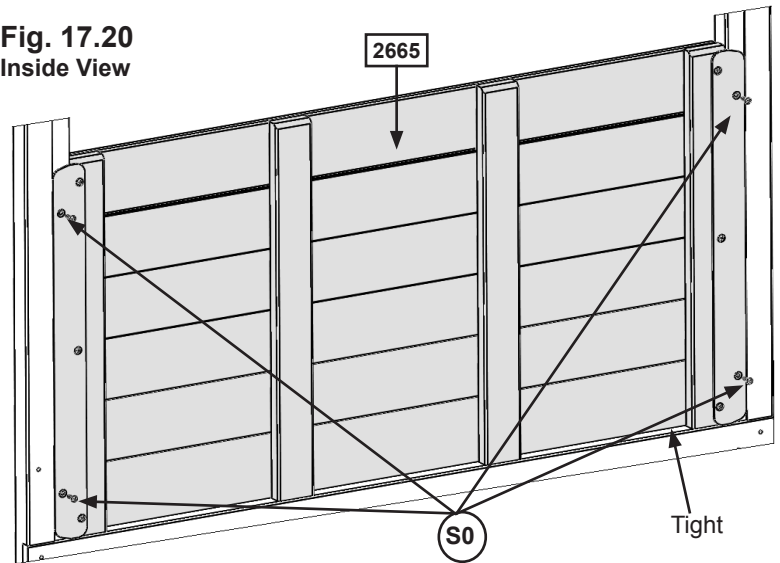
**I:** In the lower opening of Unit B Tunnel Side Wall install 1 (2665) Half Wall Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 17.17, 17.18 and 17.20)



**Fig. 17.19**  
Inside View



**Fig. 17.20**  
Inside View



### Wood Parts

- 1 x 2665 Half Wall Insert 1.4 x 20-1/4 x 38.8"
- 1 x 2655 Upper Window Insert 1.27 x 18.8 x 35.86"

### Hardware

- 13 x S0 #8 x 7/8" Truss Screw



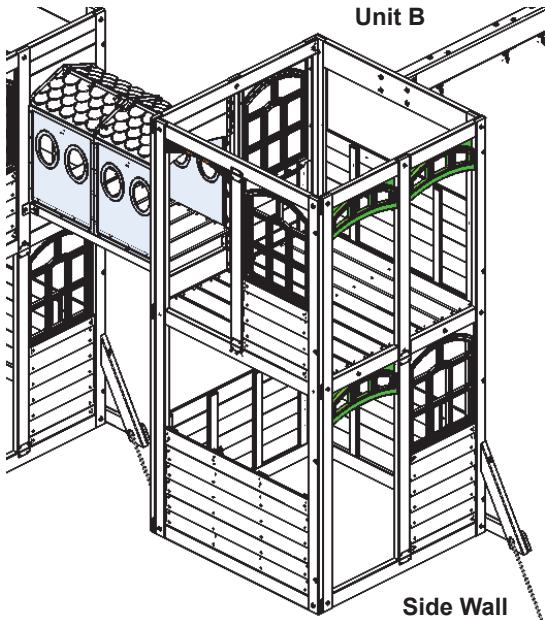
# Step 17: Install Window and Wall Inserts

## Part 6 - Unit B Side Wall

**J:** In the lower right hand opening of Unit B Side Wall install 1 (2649) Lower Window Insert using 9 (S0) #8 x 7/8" Truss Screws. (fig. 17.21, 17.22 and 17.23)

**K:** In the upper openings and left hand lower opening of Unit B Side Wall install 3 MOD 3-Pane Transoms with 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 17.21, 17.22 and 17.24)

**Fig. 17.21**



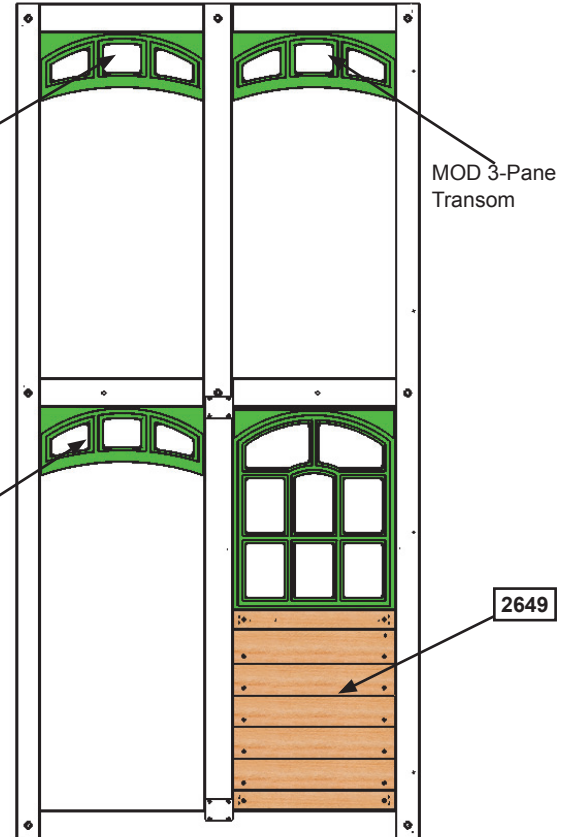
**Fig. 17.22**  
Outside View

MOD 3-Pane Transom

MOD 3-Pane Transom

MOD 3-Pane Transom

2649



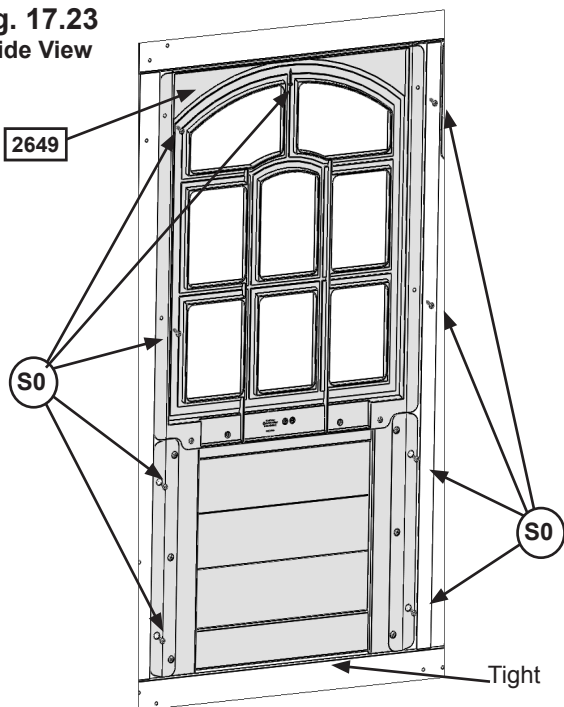
**Fig. 17.23**  
Inside View

2649

S0

S0

Tight

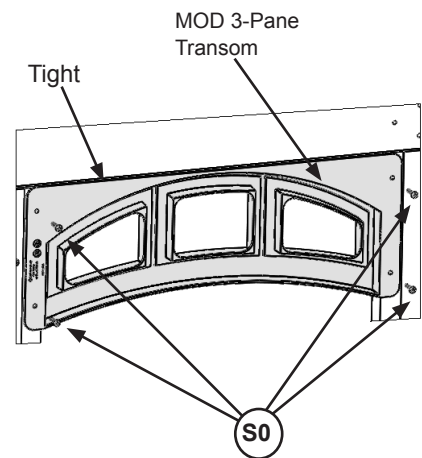


**Fig. 17.24**  
Inside View

MOD 3-Pane Transom

Tight

S0



### Wood Parts

1 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"

### Hardware

21 x S0 #8 x 7/8" Truss Screw

### Other Parts

3 x MOD 3-Pane Transom



## Step 18: Clock Assembly



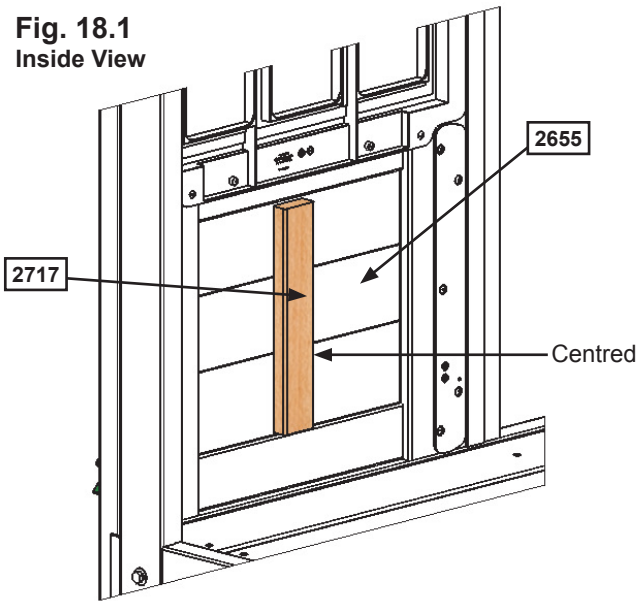
**A:** From inside the assembly place (2717) Clock Block centred on the panel of (2655) Upper Window Insert then attach with 1 (S13) #6 x 5/8" Pan Screw. (fig. 18.1 and 18.2)

**B:** On Unit B Front Wall place Gable Clock Assembly centred under window of (2655) Upper Window Insert then attach to (2602) Upper Jamb and (2771) End Post with 2 (S10) #8 x 1" Pan Screws. (fig. 18.3 and 18.4)

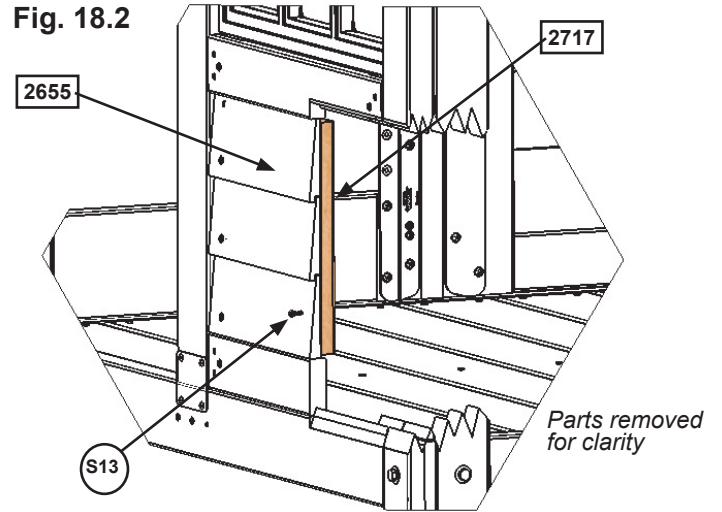
**C:** Attach peak of Gable Clock Assembly through insert into (2717) Clock Block with 1 (S10) #8 x 1" Pan Screw and bottom centre to insert with 1 (S5) #8 x 1/2" Pan Screw. (fig. 18.4)

**Do not overtighten screws.**

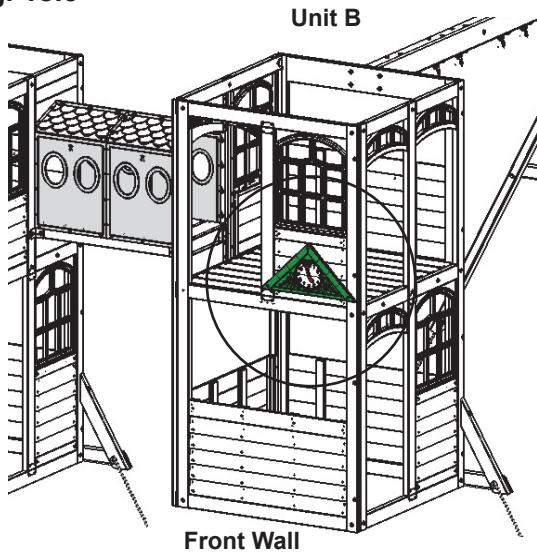
**Fig. 18.1**  
Inside View



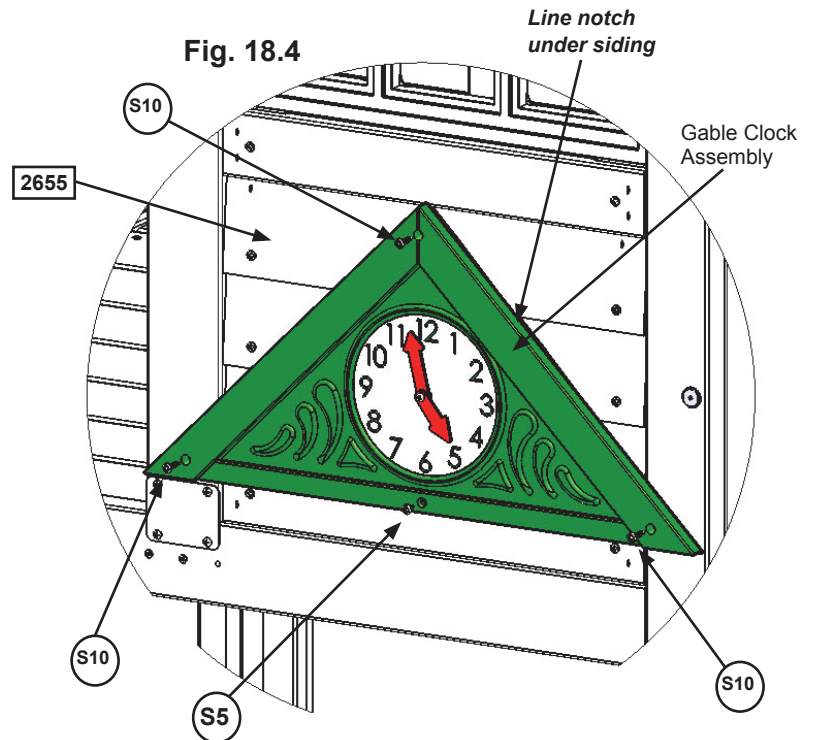
**Fig. 18.2**



**Fig. 18.3**



**Fig. 18.4**



### Wood Parts

1 x (2717) Clock Block 3/4 x 1-3/4 x 9-3/4"

### Hardware

3 x (S10) #8 x 1" Pan Screw  
1 x (S13) #6 x 5/8" Pan Screw  
1 x (S5) #8 x 1/2" Pan Screw

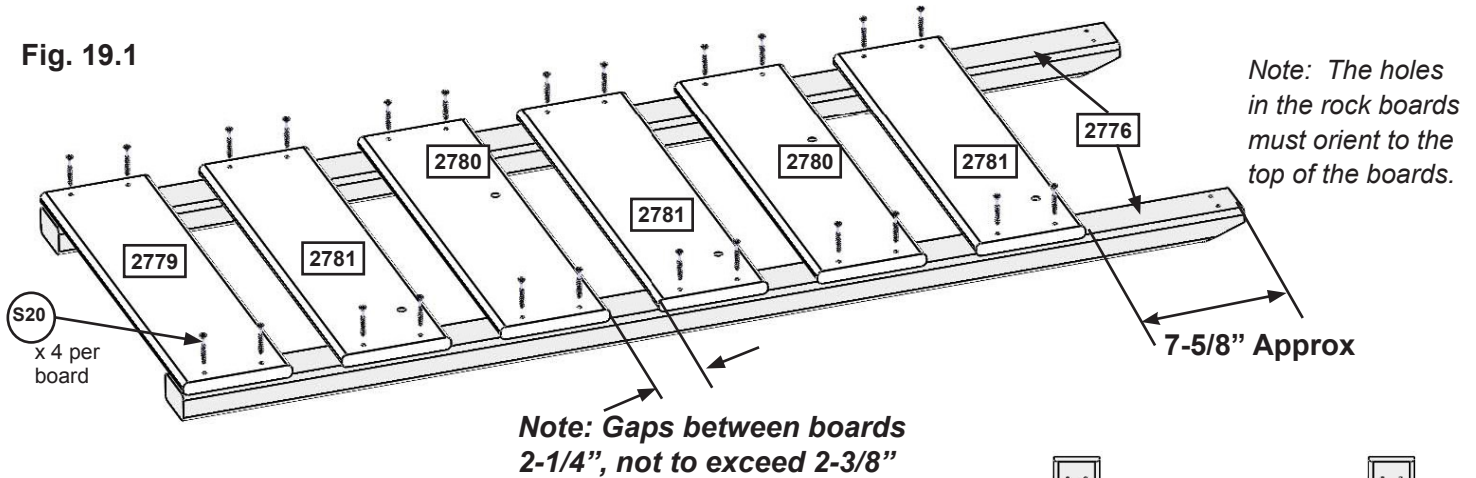
### Other Parts

1 x Gable Clock Assembly

# Step 19: Rock Wall Assembly



Fig. 19.1



**Complete Step 19, A-E twice to make 2 Rock Wall Assemblies.**

**A:** Lay 2 (2776) Rock Rails down, side by side with angled edges facing down. (fig. 19.1)

**B:** Place (2779) Access Board on the bottom of each (2776) Rock Rail as shown in fig. 19.1. Make sure (2779) Access Board is flush to the outside and bottom edges of each (2776). Attach using 4 (S20) #8 x 1-3/8" Wood Screws.

**C:** 7-5/8" 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 (S20) #8 x 1-3/8" Wood Screws. (fig. 19.1)

**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 (S20) #8 x 1-3/8" Wood Screws per board. Placing them as shown in fig. 19.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 19.2

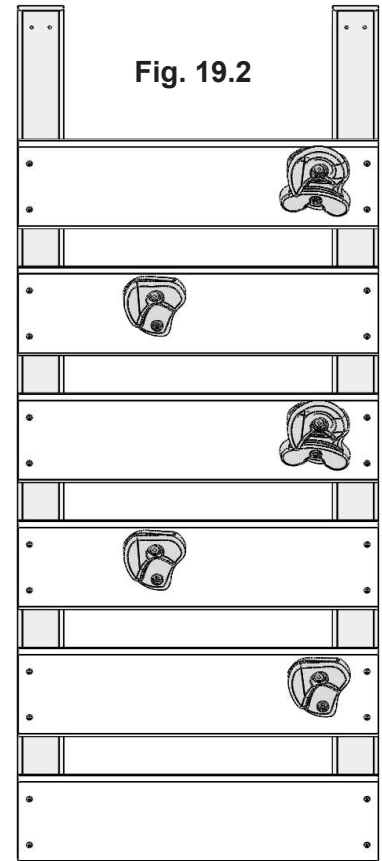
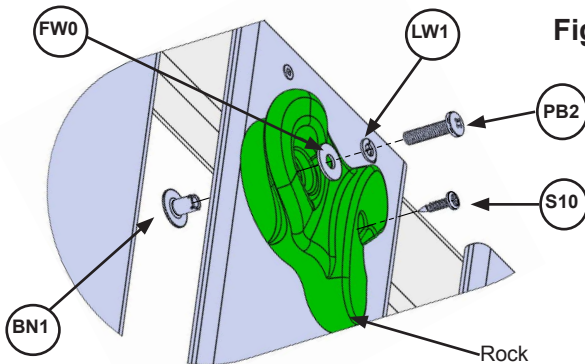


Fig. 19.3



**E:** Place 1 rock on each (2780) Rk Board A and (2781) Rk Board B (fig. 19.2) and attach using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 19.3)

## Wood Parts

- 2 x 2779 Access Board 1 x 6 x 19"
- 6 x 2781 Rk Board B 1 x 6 x 19"
- 4 x 2780 Rk Board A 1 x 6 x 19"
- 4 x 2776 Rock Rail 1-1/4 x 2-1/2 x 51"

## Hardware

- 48 x S20 #8 x 1-3/8" Wood Screw
- 10 x S10 #8 x 1" Pan Screw
- 10 x PB2 1/4 x 1-1/4" Pan Bolt (1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)

## Other Parts

- 10 x Rocks (6 green/4 yellow)

# Step 20: Attach Rock Wall Assembly to Fort

## Part 1

**A:** Place the Rock Wall Assemblies centred in openings of Unit A Side Wall and Unit B Front Wall flush as shown below. Attach (2776) Rock Rails using 2 (S11) #8 x 2" Wood Screws per rail. (fig. 20.1, 20.2 and 20.3)

**B:** Attach 1 (2779) Access Board to top of each Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 20.1 and 20.4)

**Note:** Make sure (2776) Rock Rails do not cover the bolt heads, move assembly over so it is tight to the bolt head. (fig. 20.3)

Fig. 20.1

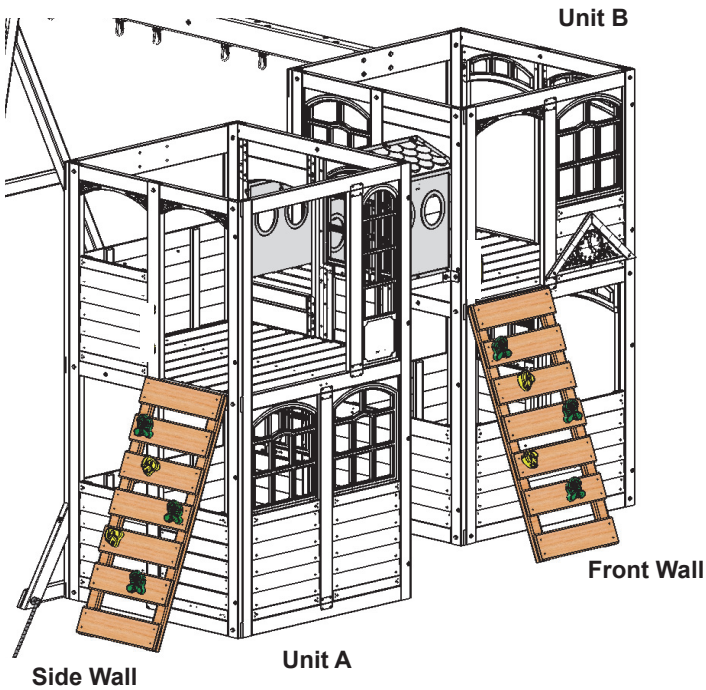


Fig. 20.2

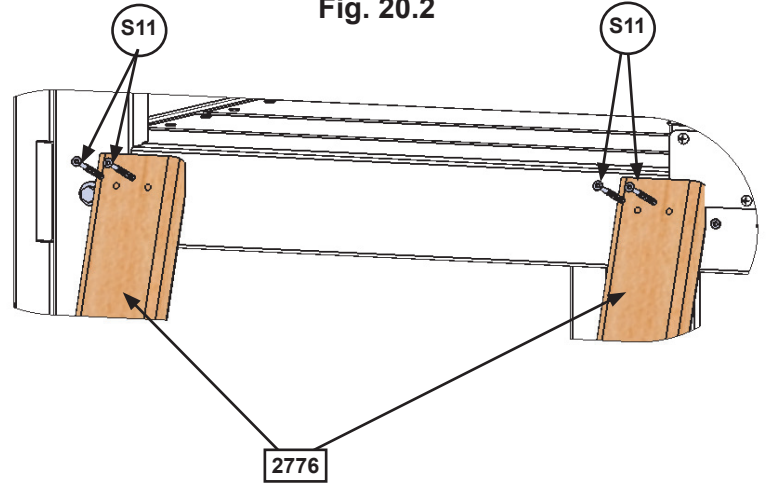


Fig. 20.4

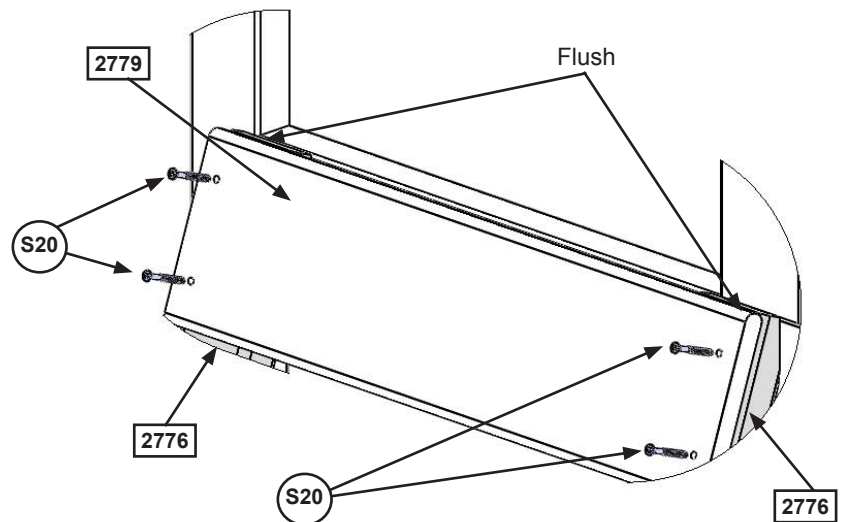
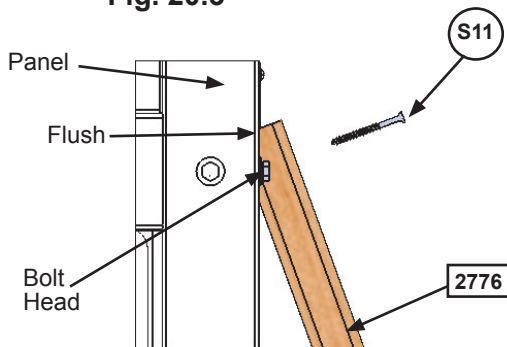


Fig. 20.3



### Wood Parts

2 x [2779] Access Board 1 x 6 x 19"

### Hardware

8 x (S20) #8 x 1-3/8" Wood Screw

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

## Step 20: Attach Rock Wall Assembly to Fort

### Part 2

**C:** Drive 1 Rebar Ground Stake 13" into the ground against 1 (2776) Rock Rail per assembly then attach with 1 (S7) #12 x 2" Pan Screw per ground stake. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 20.5 and 20.6)

**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.

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

Fig. 20.5

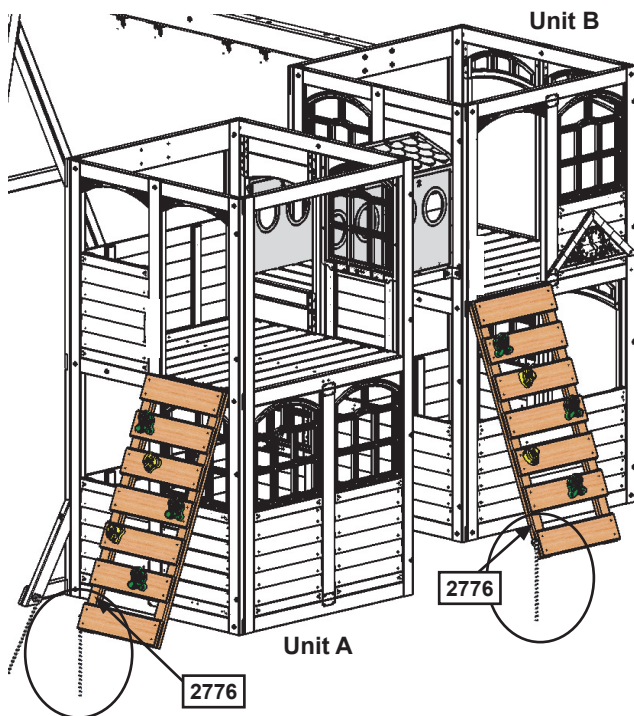
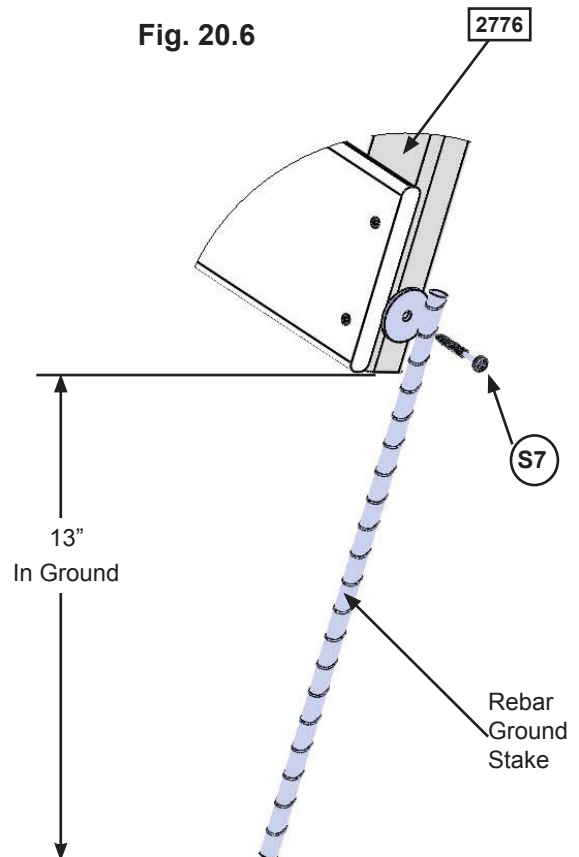


Fig. 20.6



#### Hardware

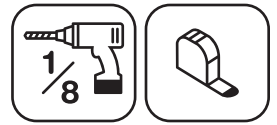
2 x (S7) #12 x 2" Pan Screw

#### Other Parts

2 x Rebar Ground Stake

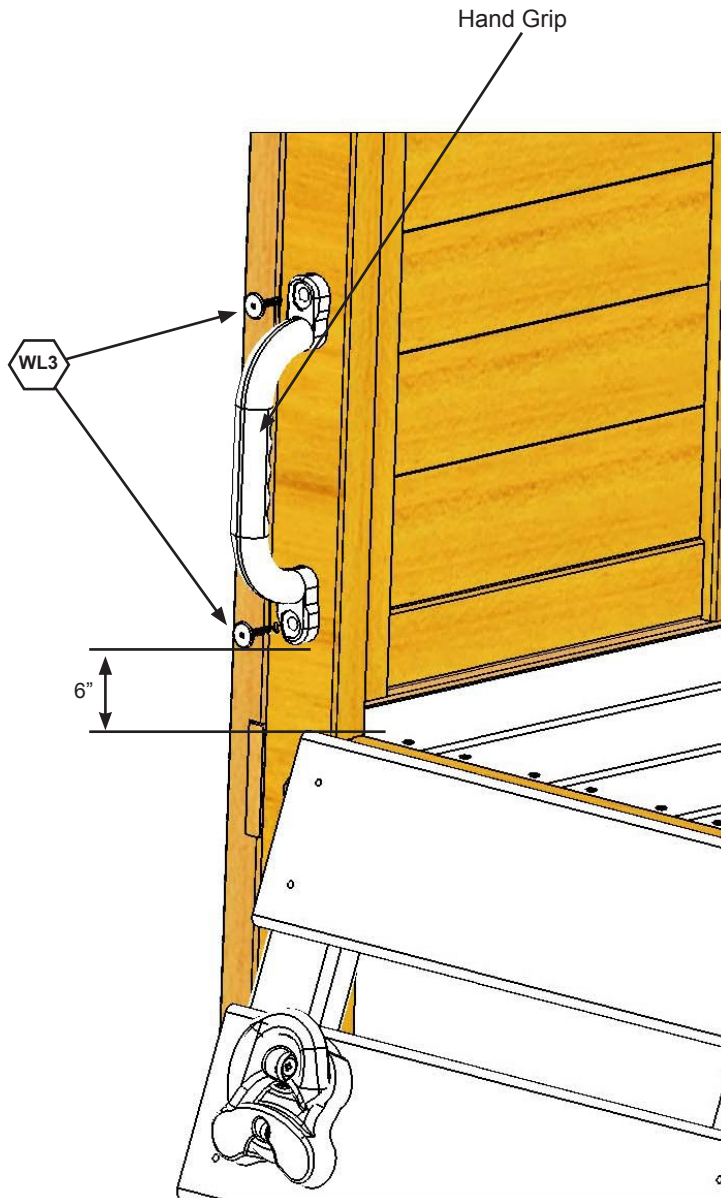


## Step 21: Attach Hand Grip to Fort




**A:** Measure 6" from the top of the floor boards on the left hand side of each Rock Board, pre-drill with a 1/8" drill bit then attach 1 Hand Grip per wall with 2 (WL3) 1/4 x 1-3/8" Wafer Lags per Hand Grip. (fig. 21.1)

Fig. 21.1



### Hardware

4 x  1/4 x 1-3/8" Wafer Lag

### Other Parts

2 x Hand Grip

## Step 22: Cafe Table Assembly

**A:** Place 1 (2612) Table Support flush to the notched out ends of 1 (2611) Table Top and attach with 4 (S7) #12 x 2" Pan Screws as shown in fig. 22.1.

**B:** Place Table Top Assembly tight in the opening of Unit B Tunnel Side Wall with the overhang on the outside of the assembly as shown in fig. 22.3 then attach (2612) Table Support to the End Wall posts with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 22.2 and 22.3)

Fig. 22.1

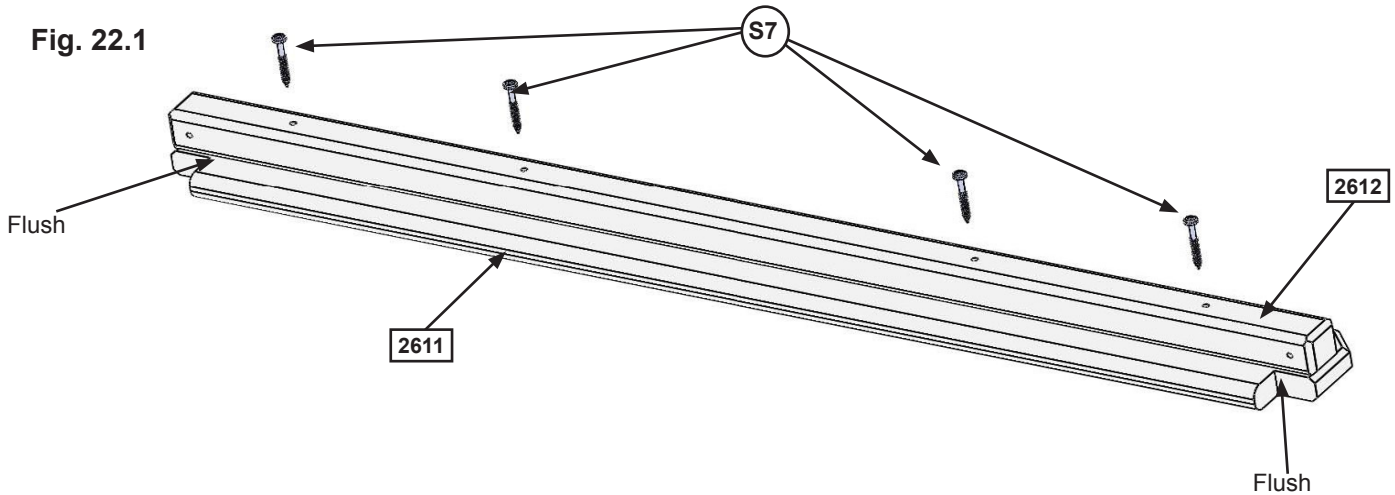


Fig. 22.2

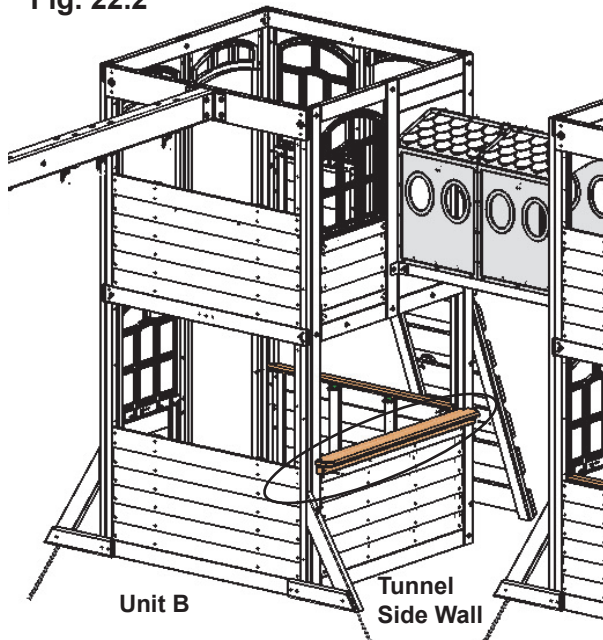
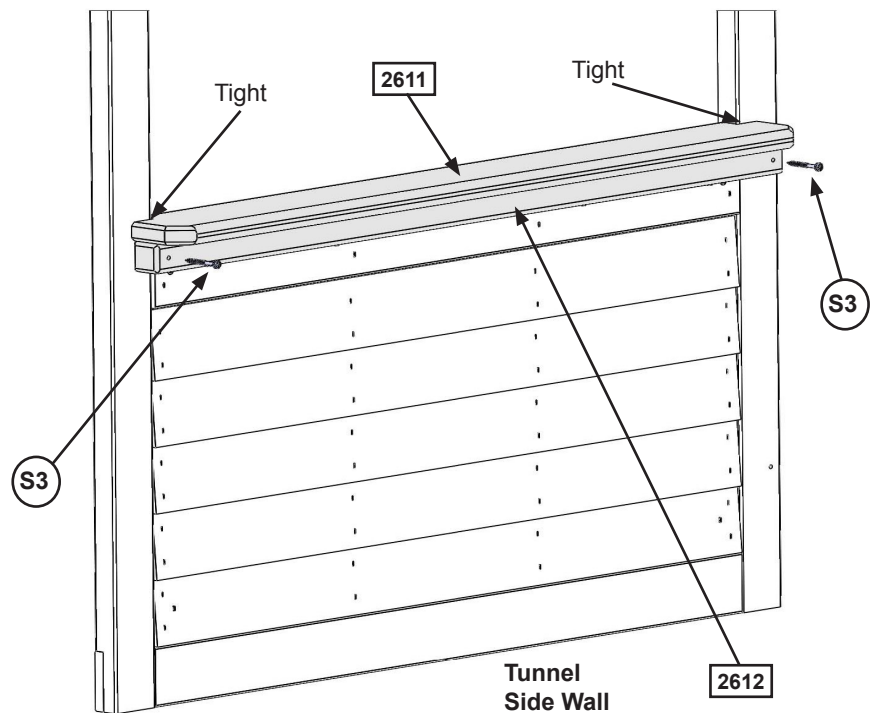


Fig. 22.3  
Outside View



### Wood Parts

- 1 x 2612 Table Support 2 x 2 x 39-5/8"
- 1 x 2611 Table Top 5/4 x 5 x 39-5/8"

### Hardware

- 4 x S7 #12 x 2" Pan Screw
- 2 x S3 #8 x 2-1/2" Wood Screw



## Step 23: Attach Wall Tops

**A:** From inside the assembly place 1 (2804) Wall Top tight to the posts and top of (2665) Half Wall Insert on Front Wall of Unit B and tight to the posts and top of (2756) Siding Assembly on Swing Wall of Unit B then attach to the posts with 2 (S11) #8 x 2" Wood Screws per (2804) Wall Top. (Fig. 23.1, 23.2 and 23.3)

**B:** Attach (2804) Wall Tops to (2756) Siding Assembly and (2665) Half Wall Insert with 2 Corner Brackets per panel using 3 (S13) #6 x 5/8" Pan Screws per bracket. Corner Brackets are attached to the inside slats of the panels. (fig. 23.4)

Fig. 23.1

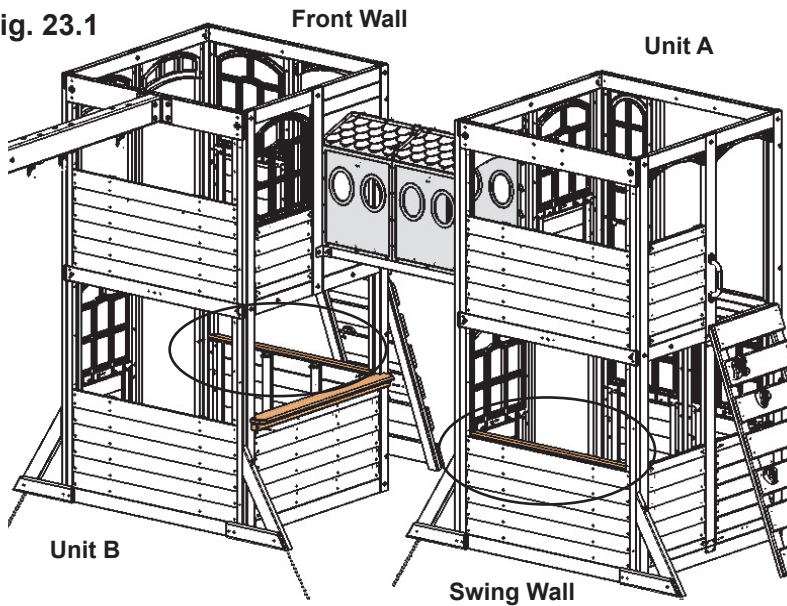


Fig. 23.2  
Inside View

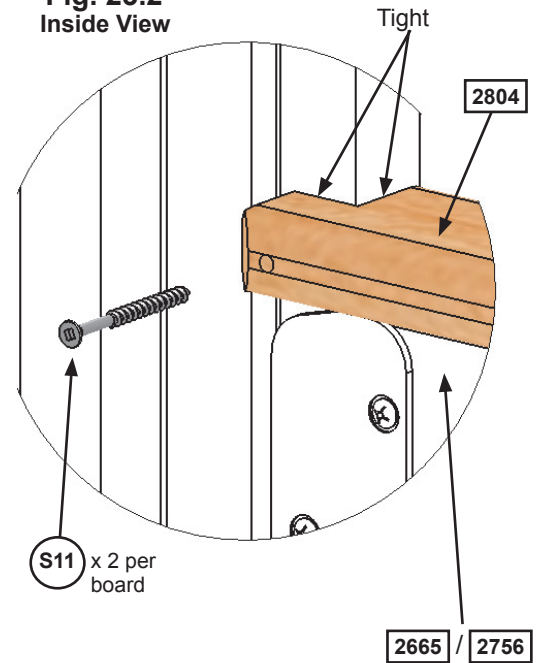


Fig. 23.3

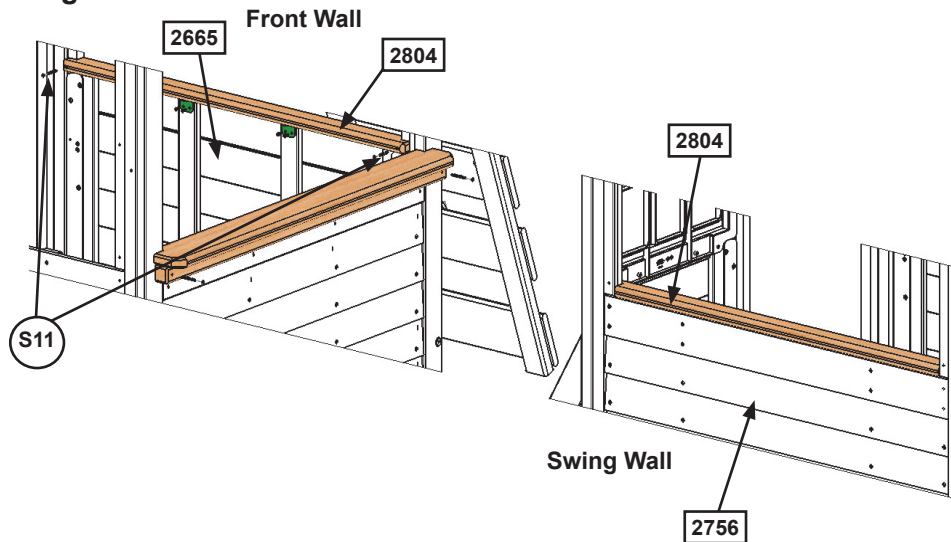
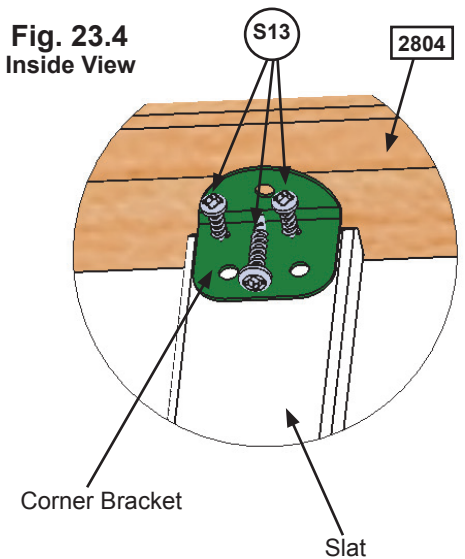


Fig. 23.4  
Inside View



### Wood Parts

2 x (2804) Wall Top 5/4 x 3 x 39"

### Hardware

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

12 x (S13) #6 x 5/8" Pan Screw

### Other Parts

2 x Corner Bracket Set (pkg of 2)

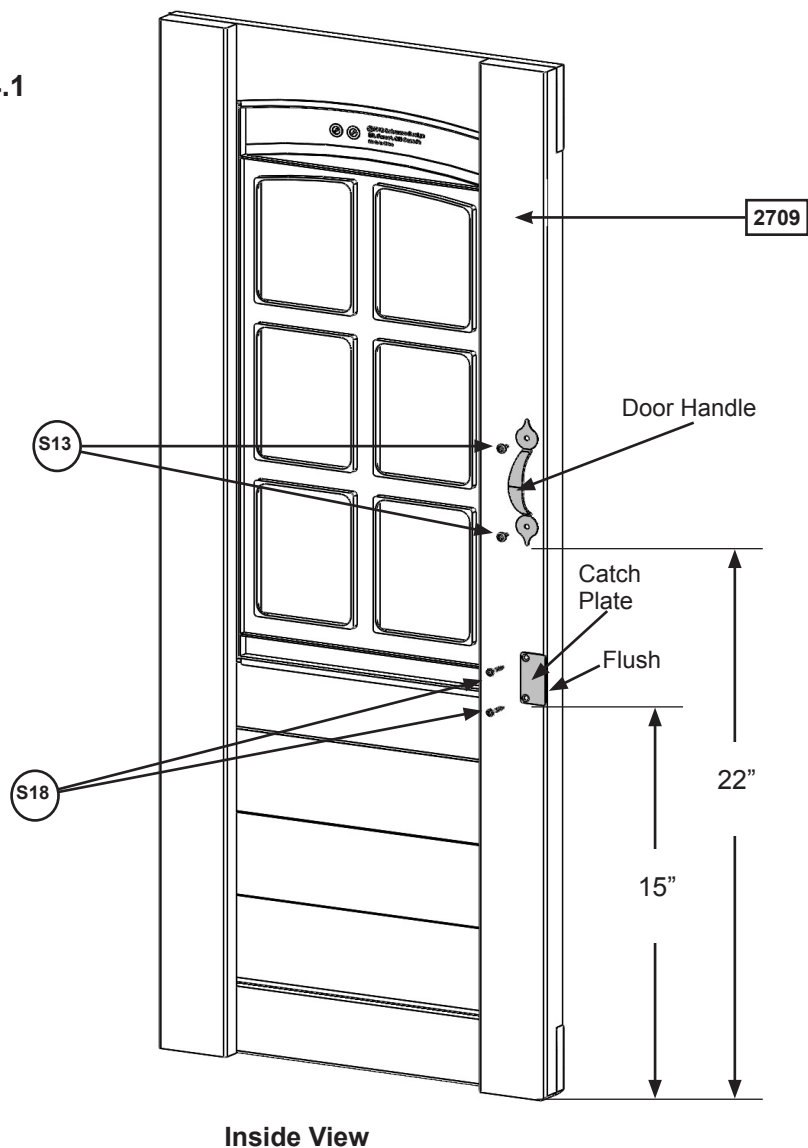
# Step 24: Attach Door Components

## Part 1



- A:** On the inside of (2709) Door Window Panel measure 15" up from the bottom and attach Catch Plate flush to the edge using 2 (S18) #6 x 1" Wood Screws. (fig. 24.1)
- B:** On the inside of (2709) Door Window Panel measure 22" up from the bottom and attach 1 Door Handle using 2 (S13) #6 x 5/8" Pan Screws. (fig. 24.1)

Fig. 24.1



### Wood Parts

1 x 2709 Door Window Panel 1-1/4 x 15-3/4 x 40-3/4"

### Hardware

2 x S18 #6 x 1" Wood Screw  
2 x S13 #6 x 5/8" Pan Screw

### Other Parts

1 x Door Handle  
1 x Catch Plate

## Step 24: Attach Door Components Part 2



**C:** On the outside of the (2709) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 24.2)

**D:** On the opposite side of the Door Handle measure 5/8" from the top and bottom of (2709) Door Window Panel attach 2 Door Hinges on the outside using 3 (S13) #6 x 5/8" Pan Screws per Hinge. (fig. 24.2 and 24.4)

**Note:** Hinge stops must be tight to (2709) Door Window Panel. (fig. 24.3)

Fig. 24.2

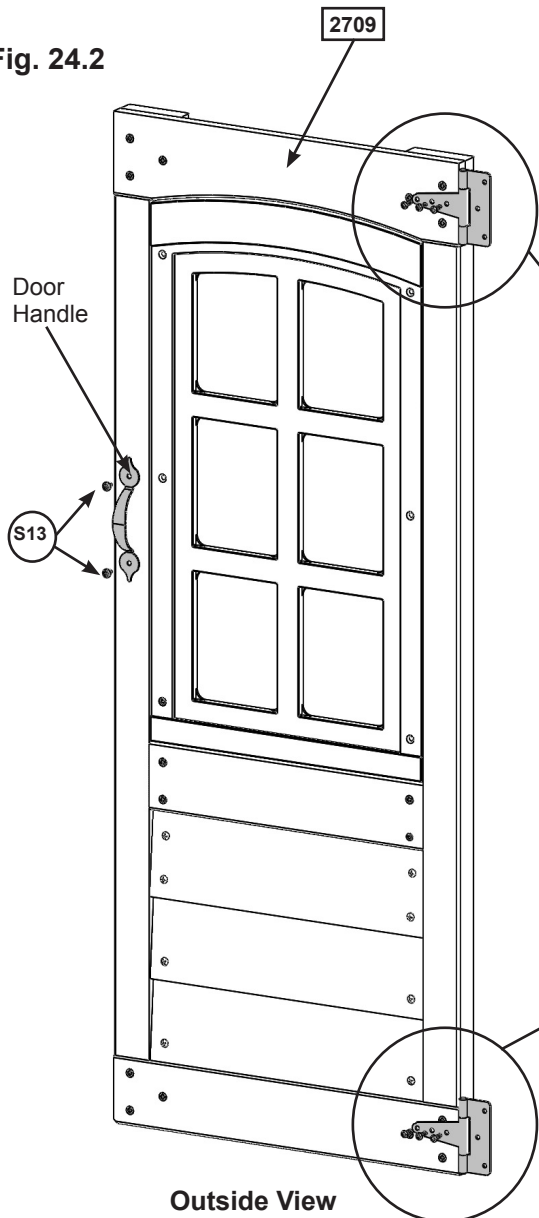


Fig. 24.3

Top View

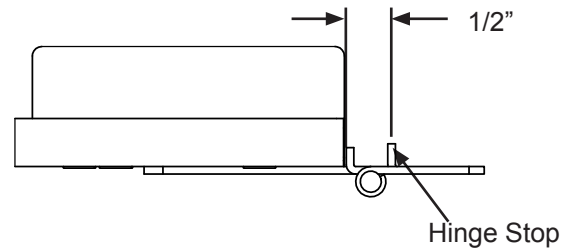
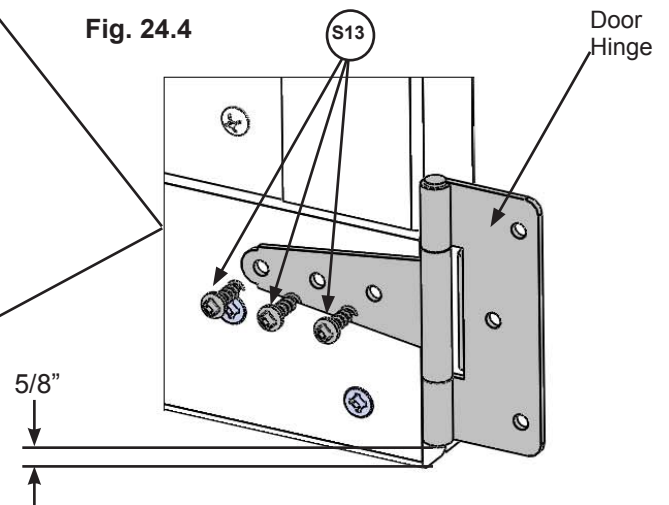


Fig. 24.4



### Hardware

8 x (S13) #6 x 5/8" Pan Screw

### Other Parts

1 x Door Handle  
2 x Door Hinge

## Step 25: Attach Door Assembly to Fort



**A:** On the Tunnel Side Wall of Unit A measure 5/8" up from the top of (2769) Panel BT Frame and a maximum 5/8" from the inside edge of (2601) Lower Jamb then attach the remaining side of the hinges to (2601) Lower Jamb using 3 (S13) #6 x 5/8" Pan Screws per hinge. (fig. 25.1, 25.2 and 25.3)

Fig. 25.1



Fig. 25.2  
Outside View

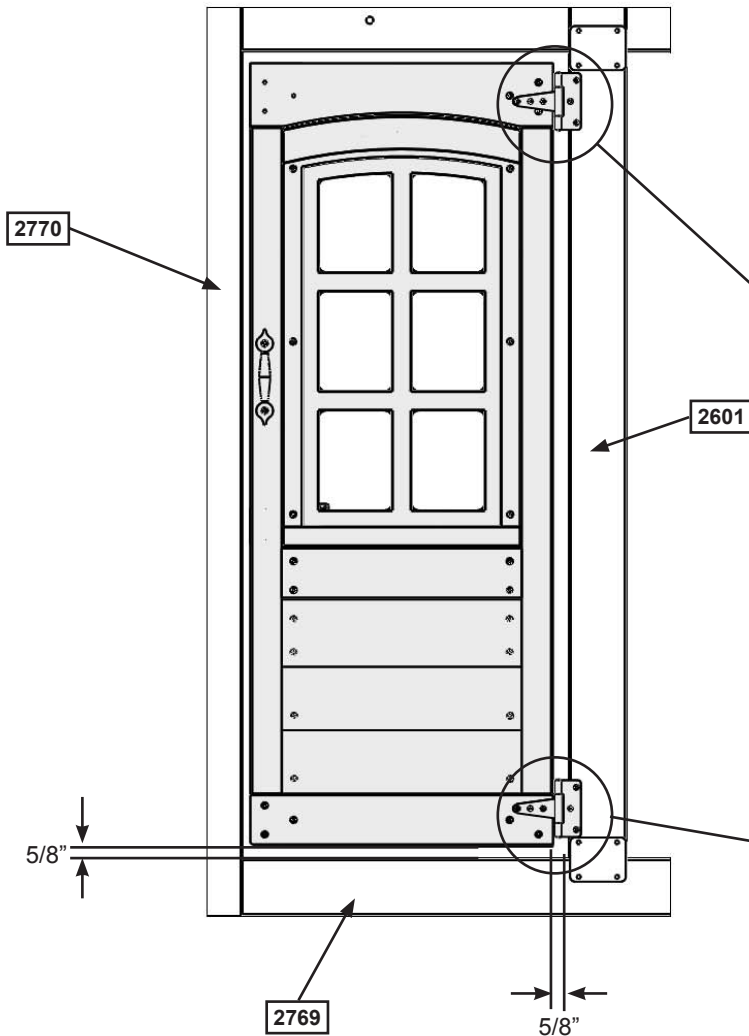
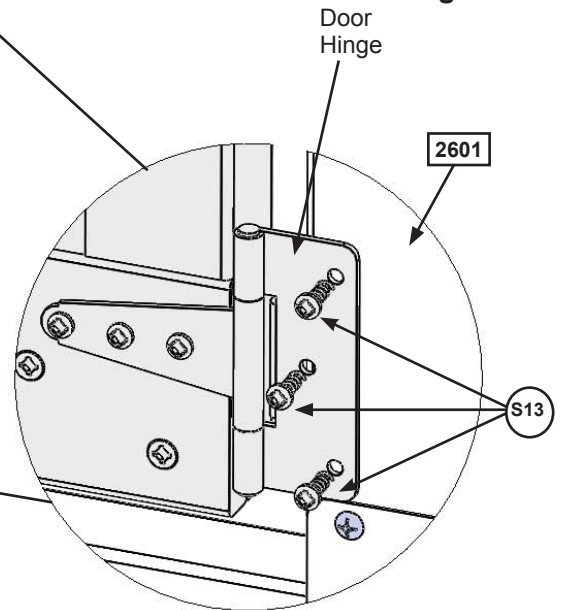


Fig. 25.3



### Hardware

6 x (S13) #6 x 5/8" Pan Screw

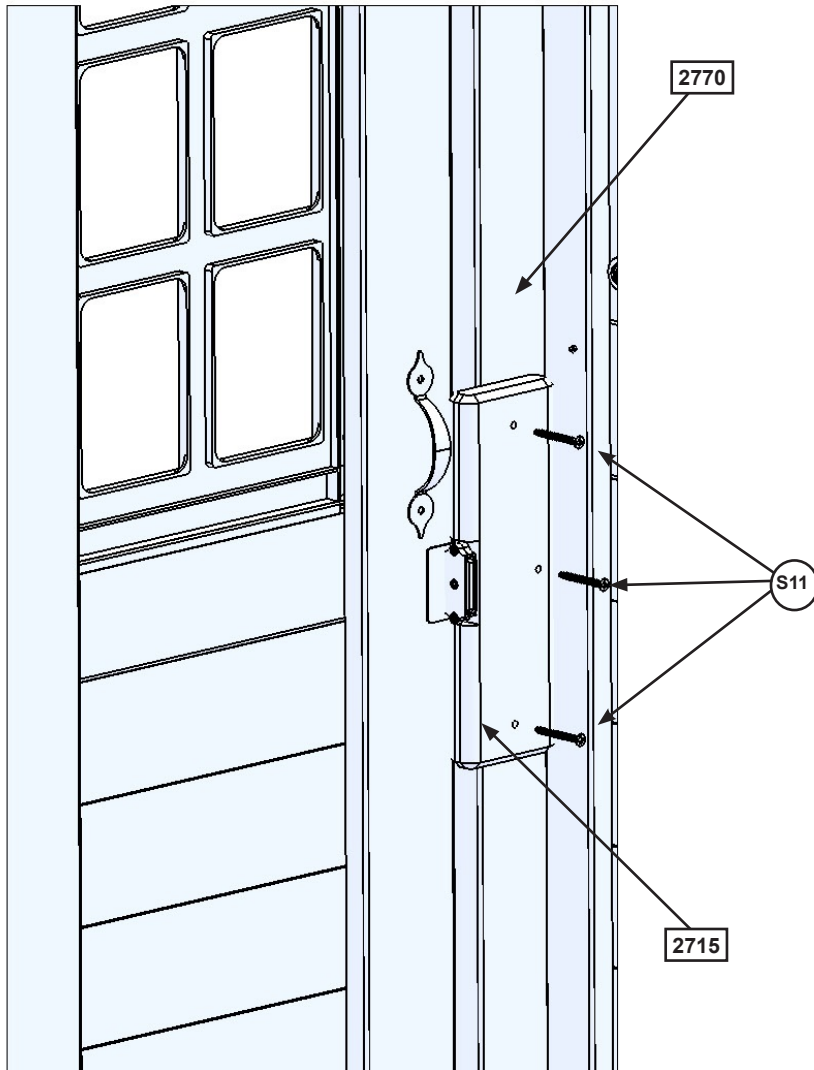
## Step 26: Attach Door Stop



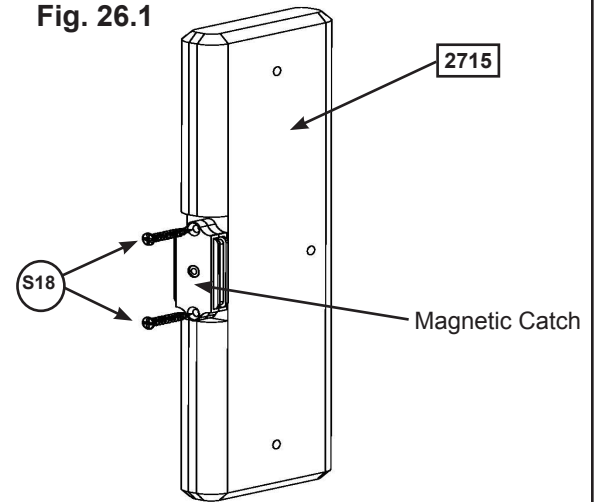
**A:** In the notched out opening of (2715) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 26.1) **Important:** Use a hand held screw driver and **DO NOT** over tighten.

**B:** On the inside of the assembly, attach (2715) Door Stop to (2770) End Post Left with 3 (S11) #8 x 2" Wood Screws, making sure (2715) Door Stop has an overhang of 1-1/4" and is in position to receive the Catch Plate. (fig. 26.2 and 26.3)

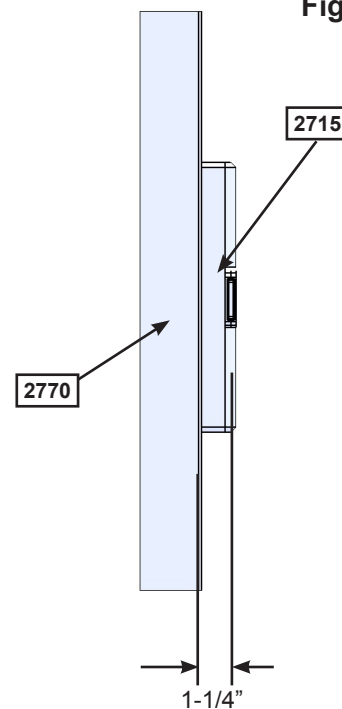
**Fig. 26.2**  
Inside View



**Fig. 26.1**



**Fig. 26.3**



### Wood Parts

1 x (2715) Door Stop 5/4 x 3 x 10"

### Hardware

2 x (S18) #6 x 1" Wood Screw

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

### Other Parts

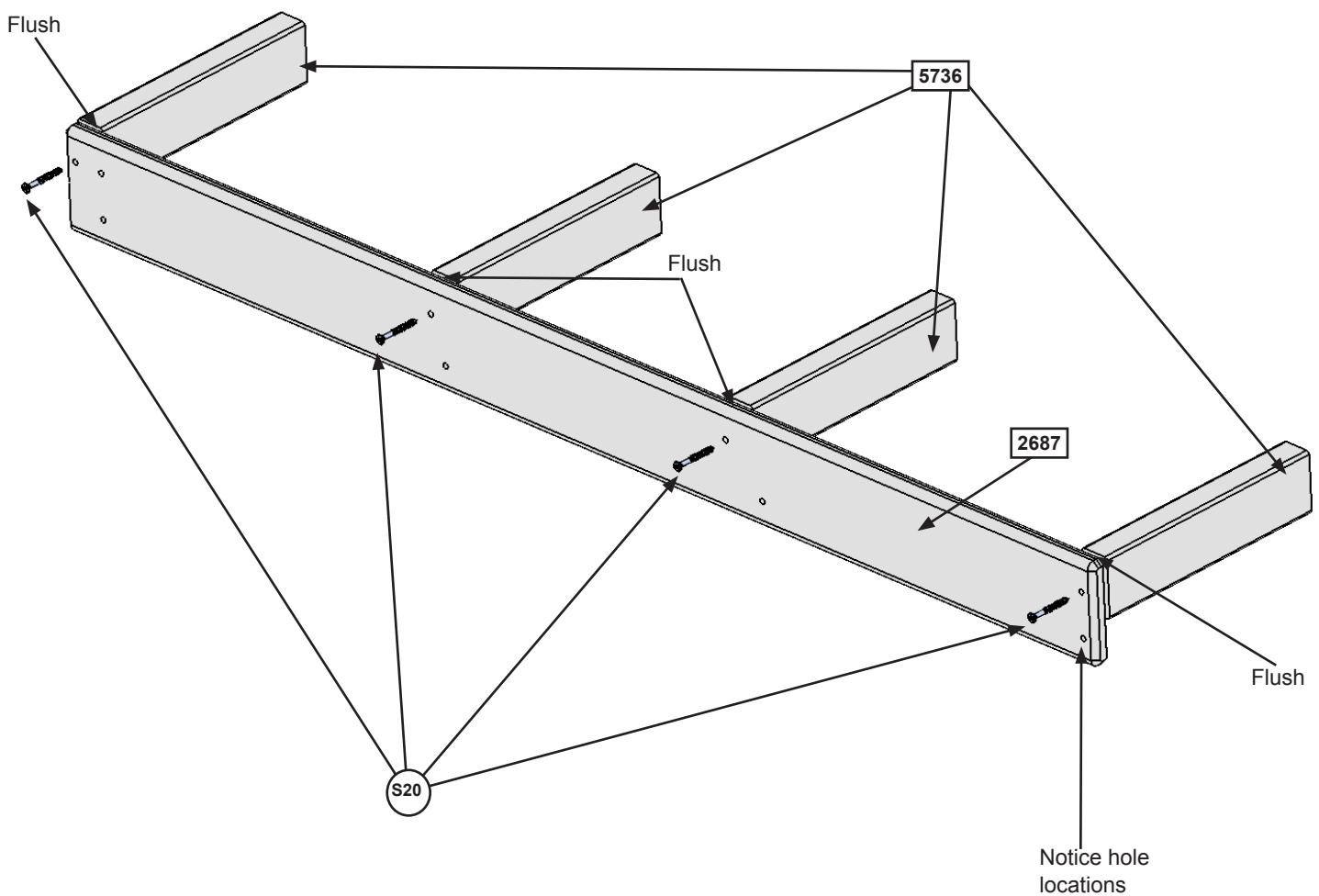
1 x Magnetic Catch

## Step 27: 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 (S20) #8 x 1-3/8" Wood Screw per joist. Notice the remaining holes at the bottom of (2687) Counter Back. (fig. 27.1)

**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 (S20) #8 x 1-3/8" Wood Screw per joist. (fig. 27.1)

Fig. 27.1



### Wood Parts

- 1 x (2687) Counter Back 1 x 4 x 40-5/8"
- 4 x (5736) Counter Joist 1 x 2 x 8-1/4"

### Hardware

- 4 x (S20) #8 x 1-3/8" Wood Screw



# Step 27: Counter Assembly

## Part 2

C: On the inside of the Swing Wall on Unit B place Counter Assembly so the top of (2687) Counter Back is flush to the top of (2756) Siding Assembly then attach with 5 (S20) #8 x 1-3/8" Wood Screws. (fig. 27.2 and 27.3)

Fig. 27.2  
Outside View

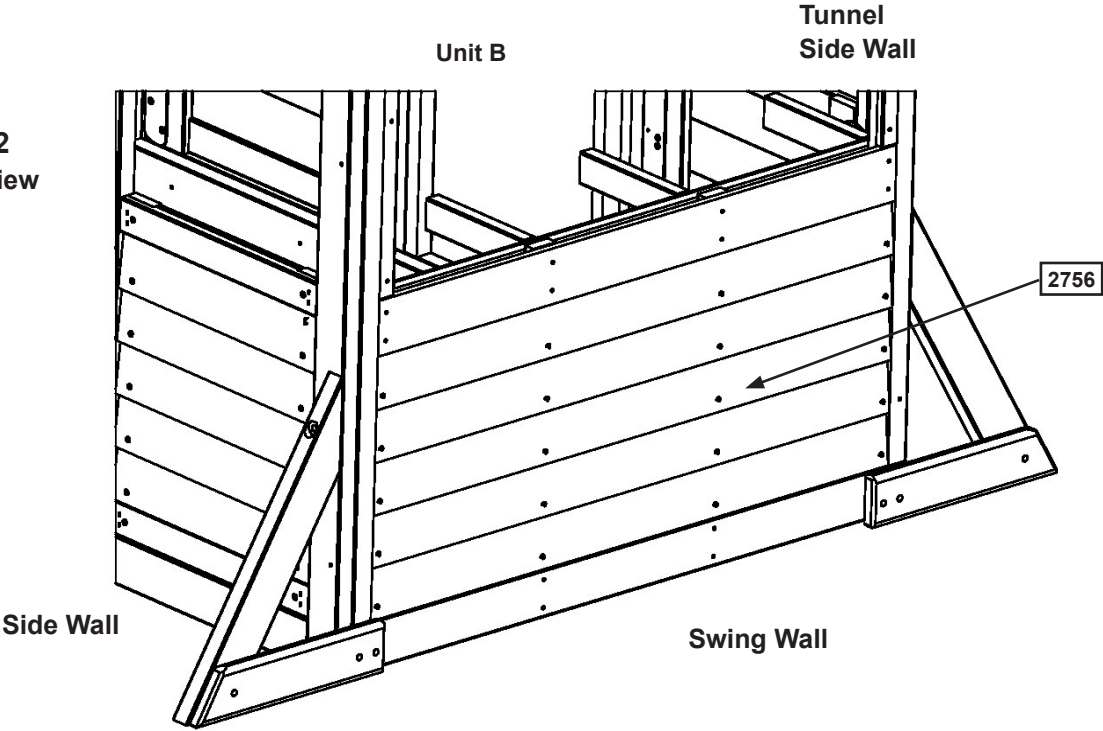
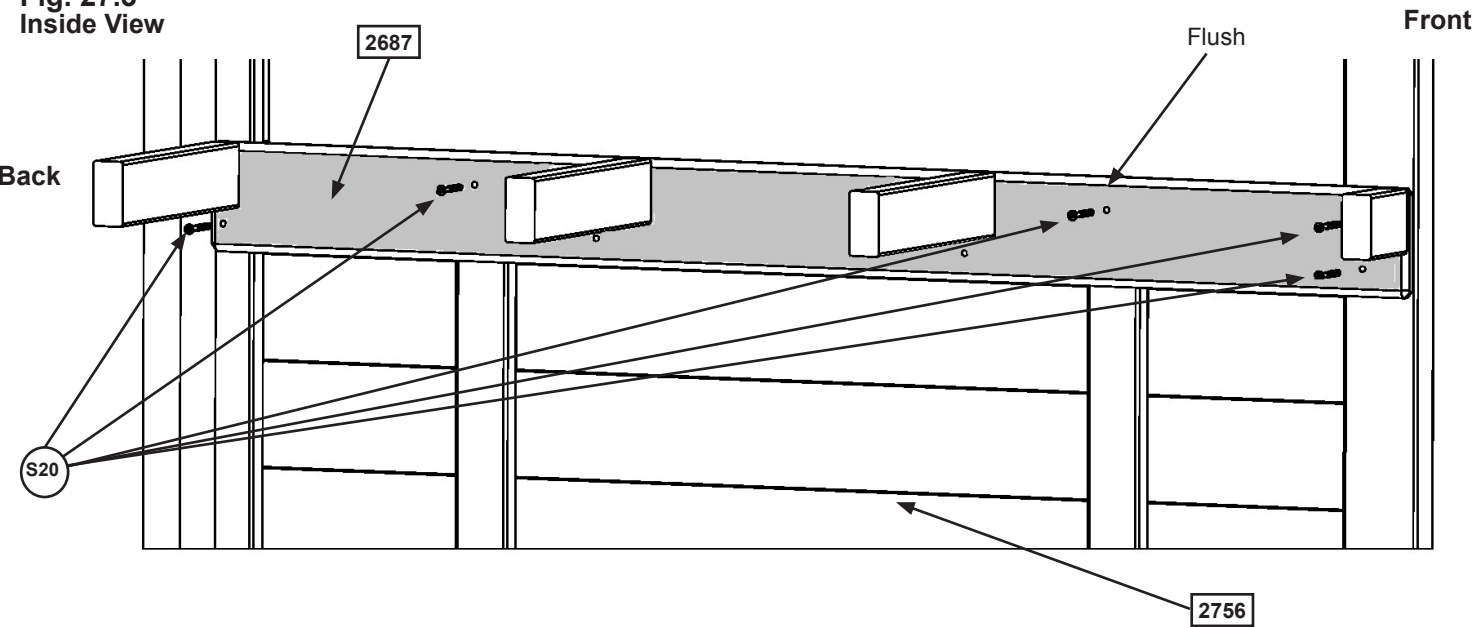


Fig. 27.3  
Inside View



### Hardware

5 x (S20) #8 x 1-3/8" Wood Screw

## Step 27: Counter Assembly Part 3

**D:** Place 1 (6136) Counter Brace flush to the front and outside edge of each outer (5736) Counter Joist and tight to Swing Wall then attach with 2 (S3) #8 x 2-1/2" Wood Screws per brace. (fig. 27.4 and 27.5)

Fig. 27.4

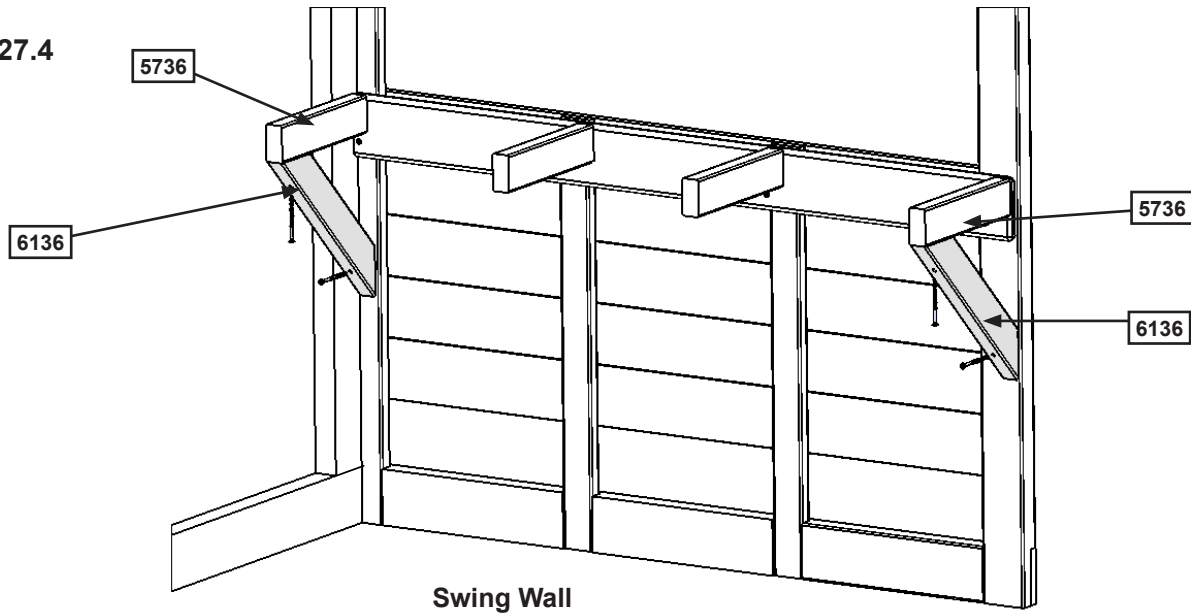
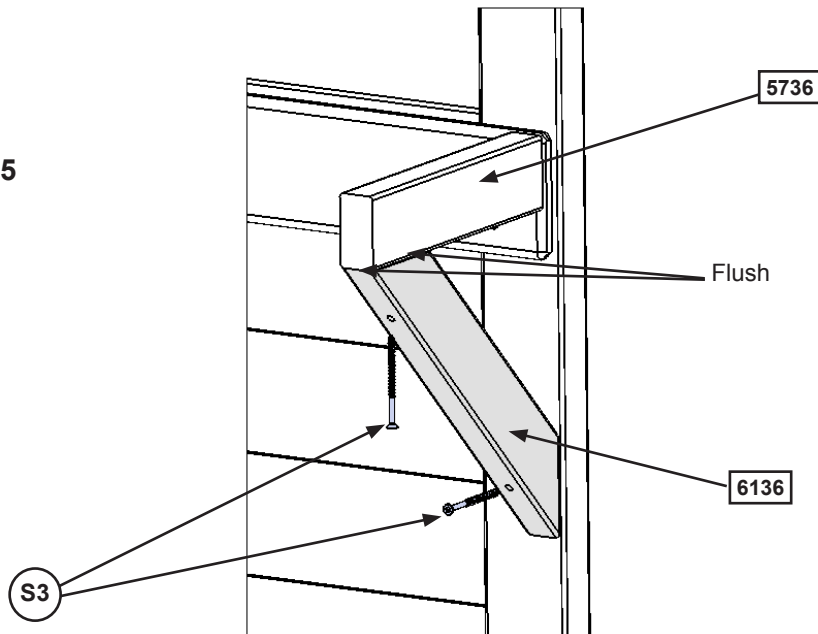


Fig. 27.5



### Wood Parts

2 x 6136 Counter Brace 1 x 2 x 12-9/16"

### Hardware

4 x S3 #8 x 2-1/2" Wood Screw

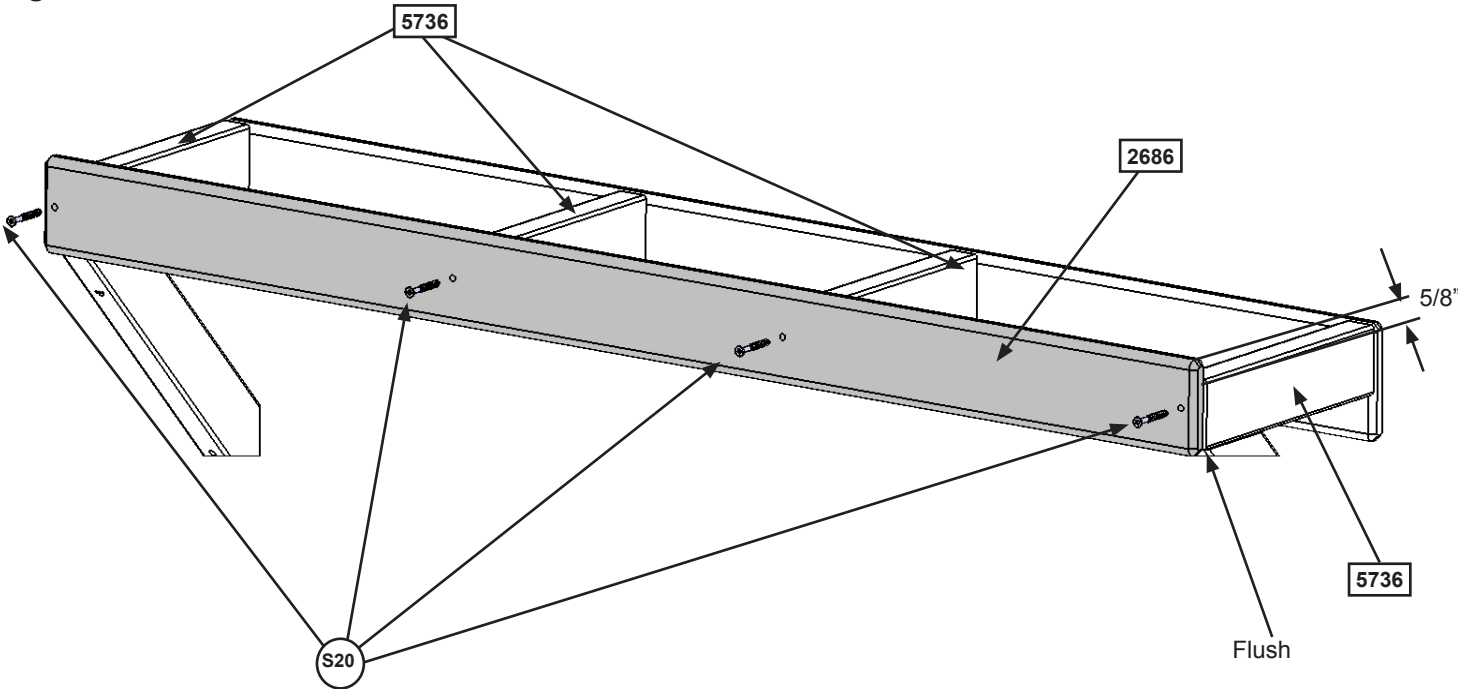
# Step 27: Counter Assembly

## Part 4



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" down from the top of (2686) Counter Front on both ends and attach to the (5736) Counter Joists with 4 (S20) #8 X 1-3/8" Wood Screws. (fig. 27.6)

Fig. 27.6



### Wood Parts

### Hardware

1 x **2686** Counter Front 5/8 x 2-3/4 x 40-5/8"

4 x **S20** #8 x 1-3/8" Wood Screw

## Step 27: Counter Assembly Part 5

**F:** Tight to (2687) Counter Back attach (2685) Counter Top to each (5736) Counter Joist with 4 (TS) #6 x 30 mm Trim Screws. (fig. 27.7)

**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) #6 x 30 mm Trim Screws per board. (fig. 27.7)

**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) #6 x 30 mm Trim Screws per board. (fig. 27.7)

**I:** Attach (2685) Counter Top to (2627) SW Wall Panel with 2 (TS) #6 x 30 mm Trim Screws per board. (fig. 27.8)

Fig. 27.7

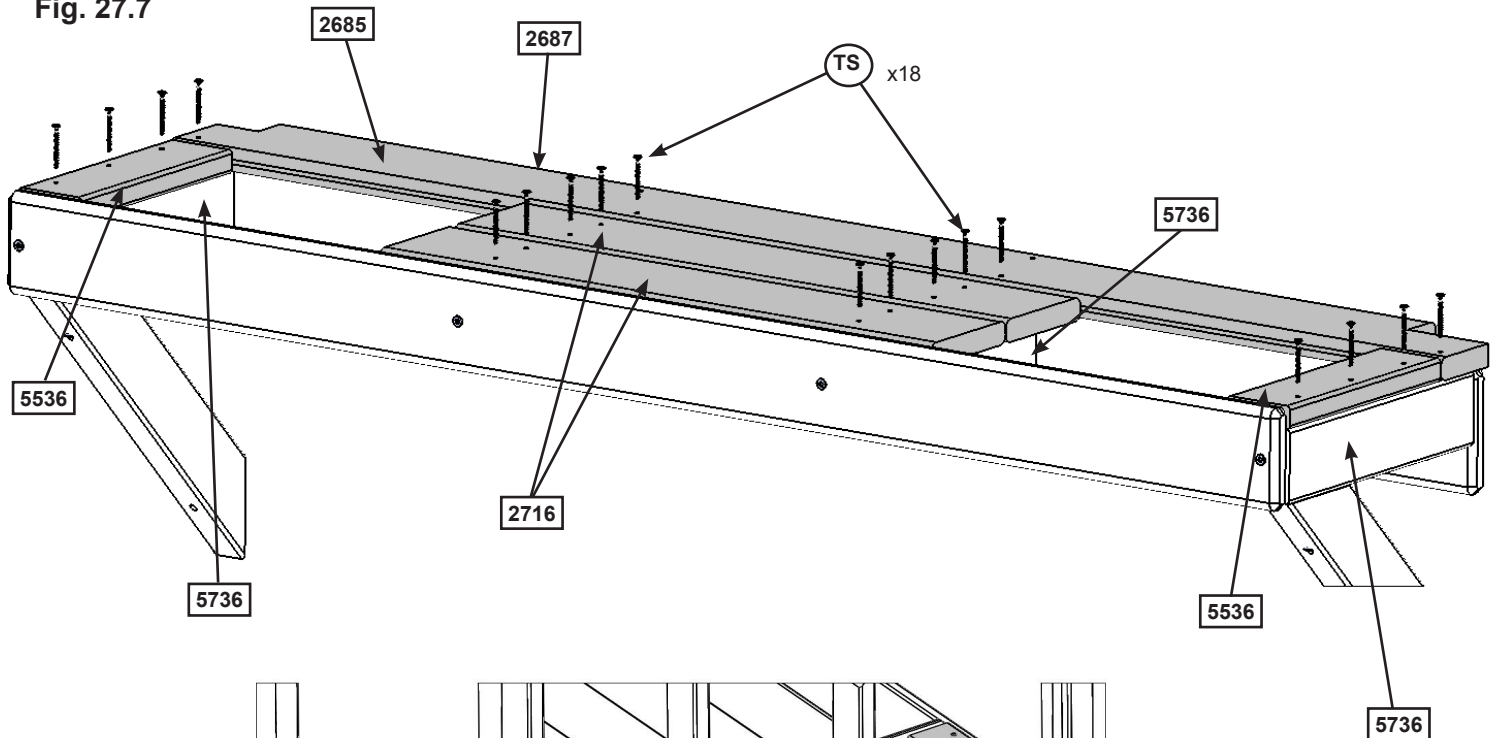
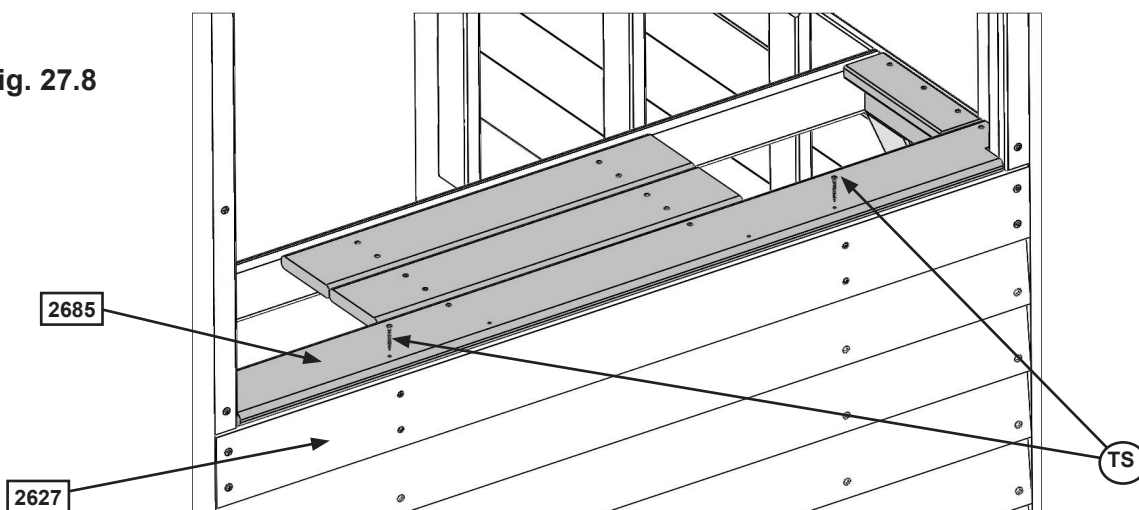


Fig. 27.8



### Wood Parts

- 2 x **2716** Counter Mid Top 1 x 4 x 17-5/8"
- 1 x **2685** Counter Top 1 x 4 x 40-5/8"
- 2 x **5536** Counter Side 5/8 x 2 x 6-3/4"

### Hardware

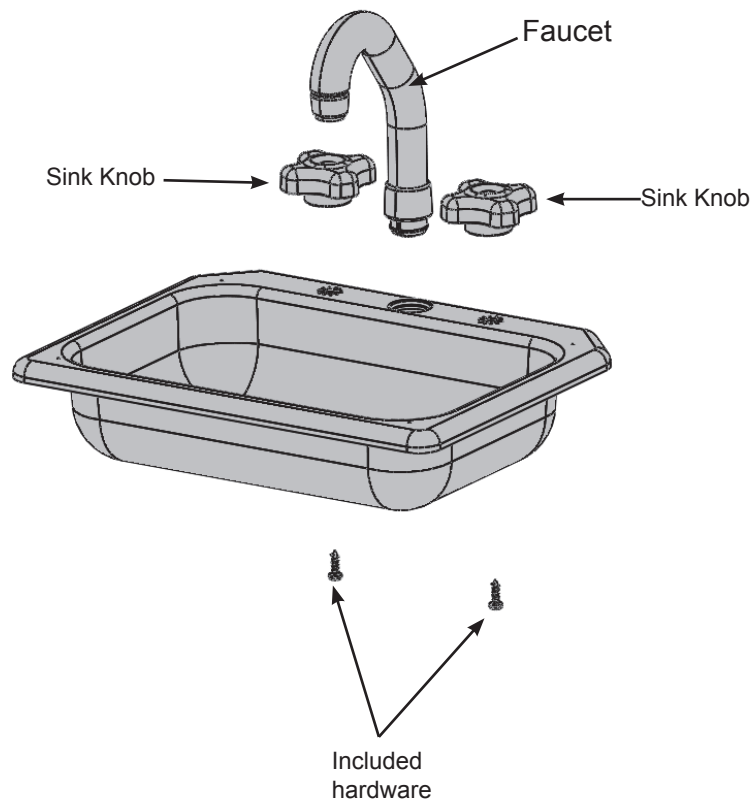
- 20 x **TS** #6 x 30 mm Trim Screw

## Step 27: Counter Assembly Part 6

**J:** Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 27.9)

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

**Fig. 27.9**



### **Other Parts**

1 x Sink  
2 x Sink Knobs  
1 x Faucet

## Step 27: Counter Assembly Part 7

**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. 27.10 and 27.11)

**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.

Fig. 27.10

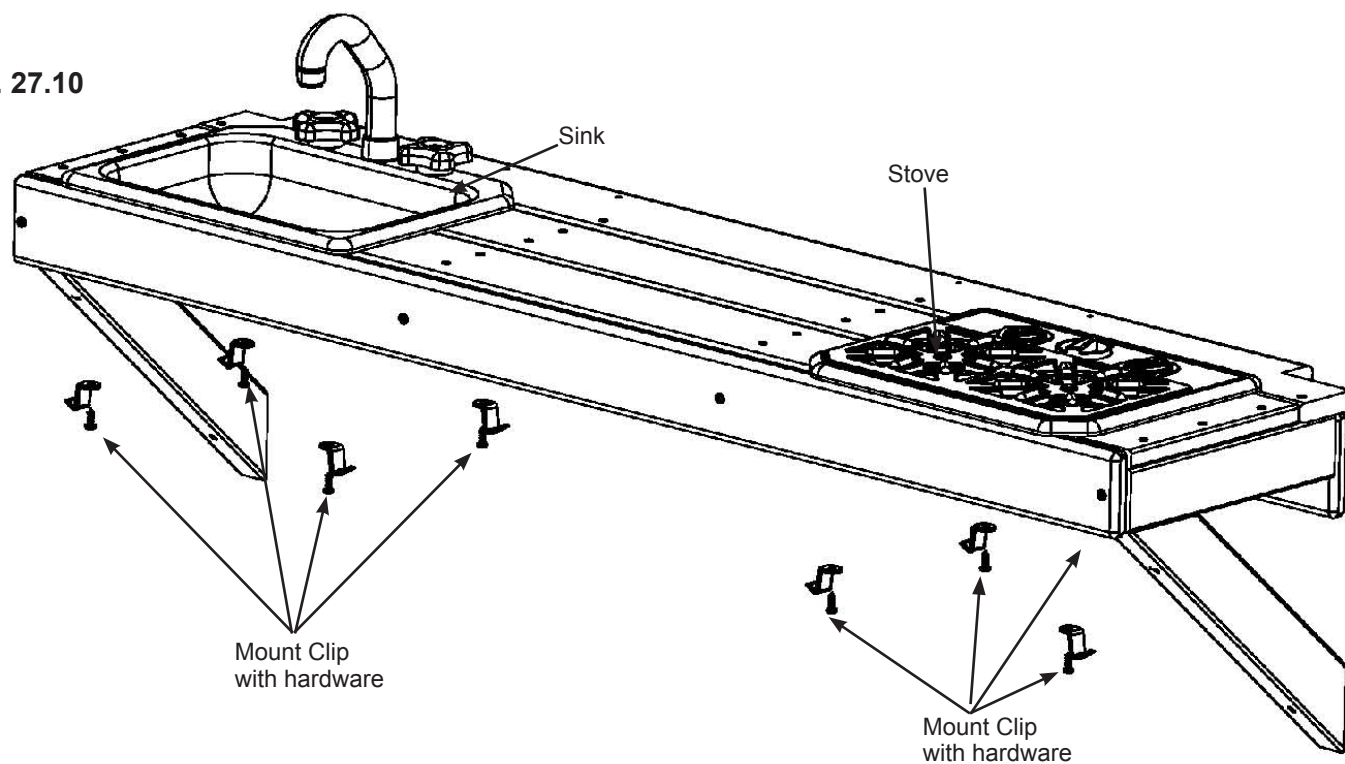
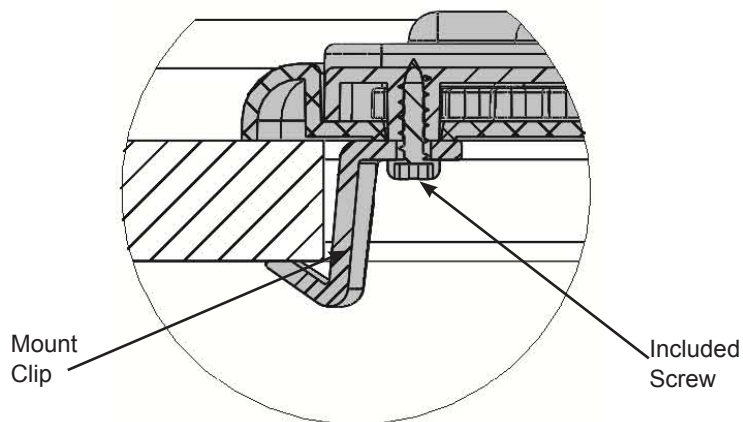


Fig. 27.11



### Other Parts

1 x Stove  
8 x Mount Clip



# Step 28: Attach Utensil Shelf

**A:** From inside the assembly, centred in the top of (2768) Panel Floor above the counter attach Utensil Shelf with 2 (S13) #6 x 5/8" Pan Screws as shown in fig. 28.1 and 28.2.

**B:** Attach Pot, Pan and Spatula to the Utensil Shelf. (fig. 28.2 and 28.3)

Fig. 28.1

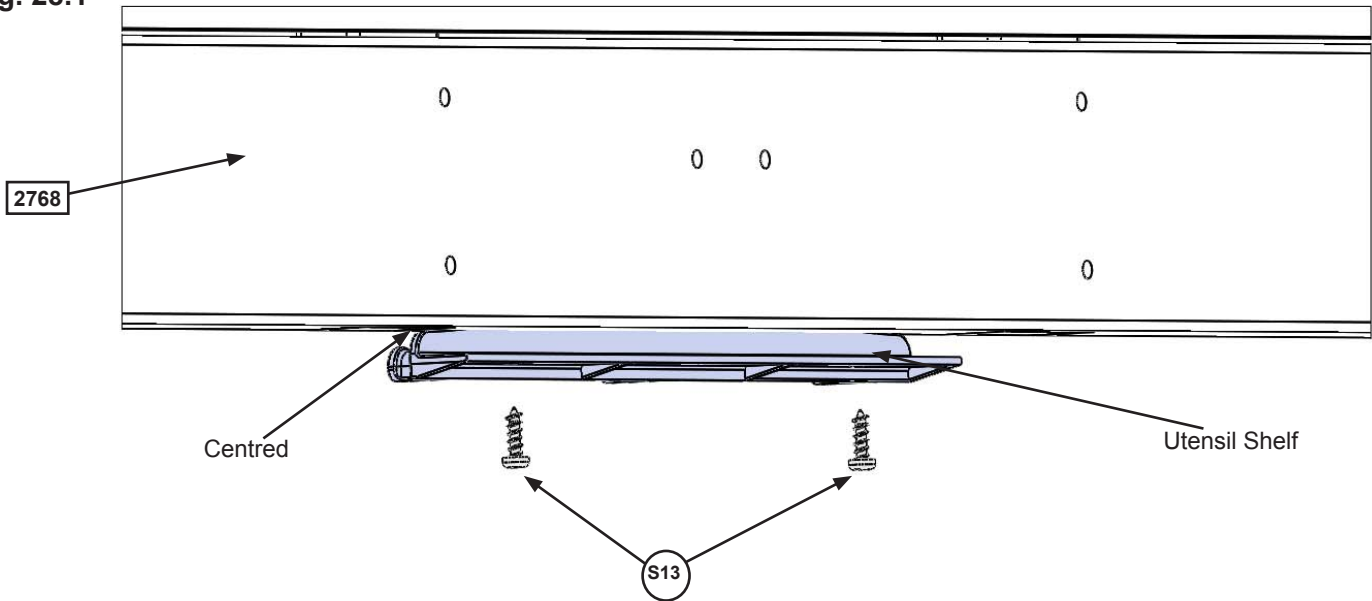


Fig. 28.2  
Outside View

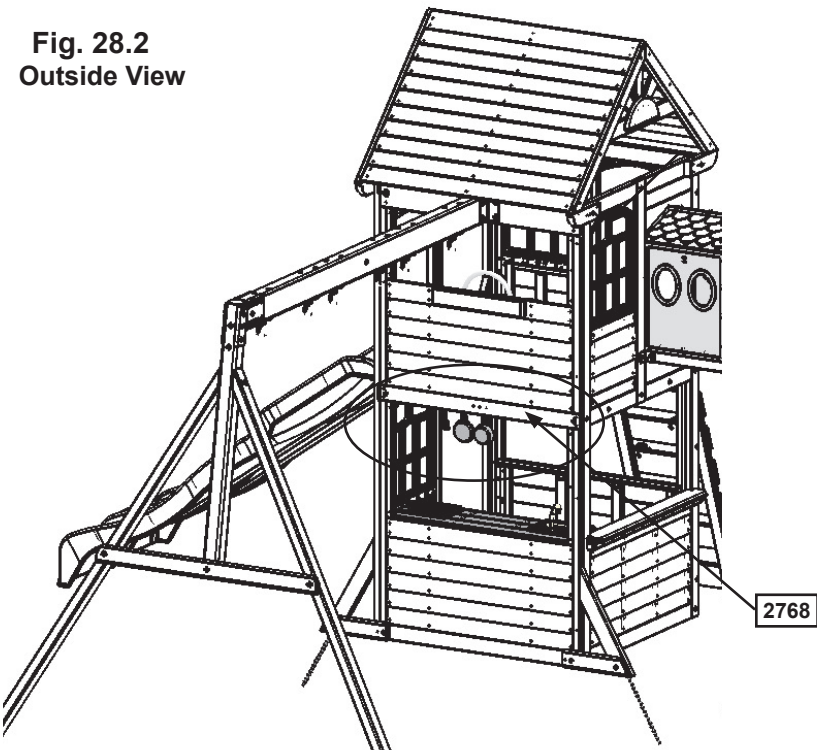
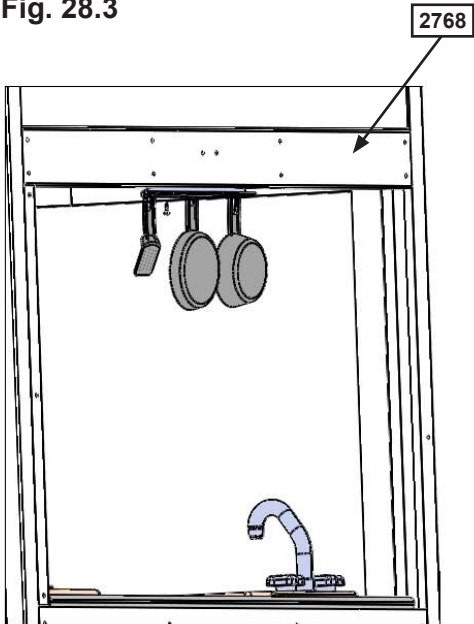


Fig. 28.3



**Hardware**

2 x (S13) #6 x 5/8" Pan Screw

**Other Parts**

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

# Step 29: Slide Section Assemblies Part 1



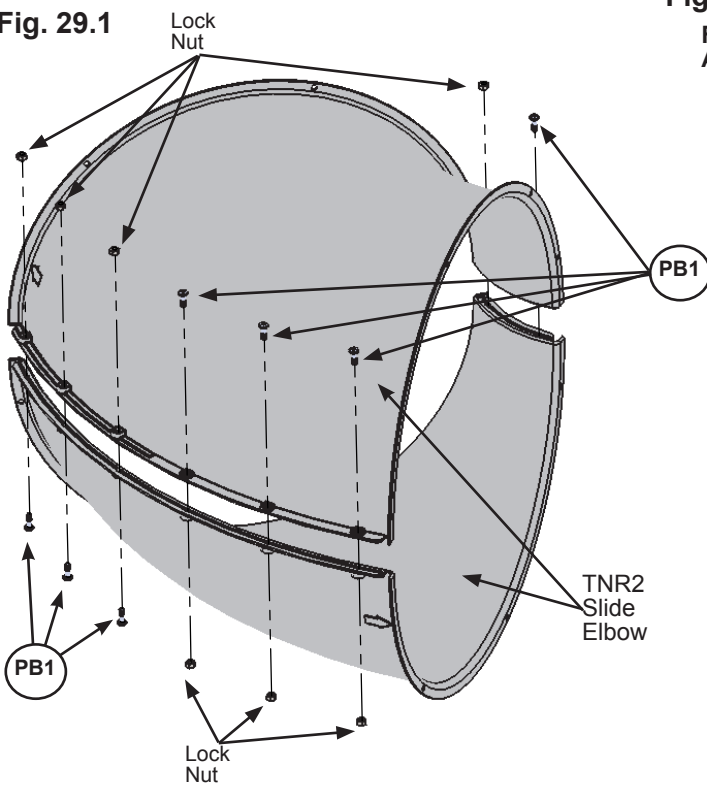
**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 29.3)

**A:** Fit 2 TNR2 Slide Elbows together and attach with 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 29.1. It is very important to attach bolts as indicated.

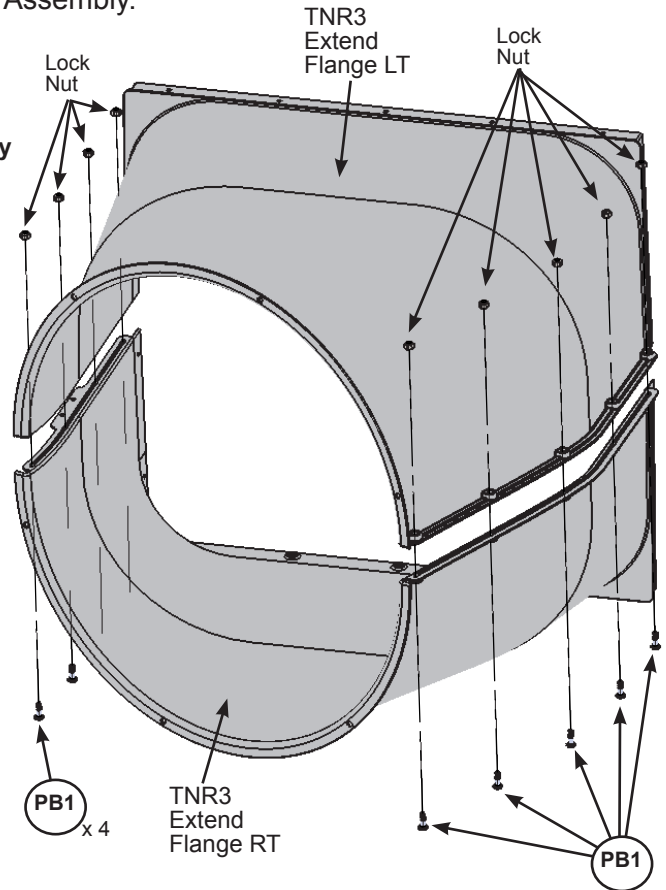
**B:** Repeat Step A 3 more times to create 4 Elbow Sections in total.

**C:** Attach TNR3 Extend Flange RT and TNR3 Extend Flange LT together using 9 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 29.2. This creates the Flange Assembly.

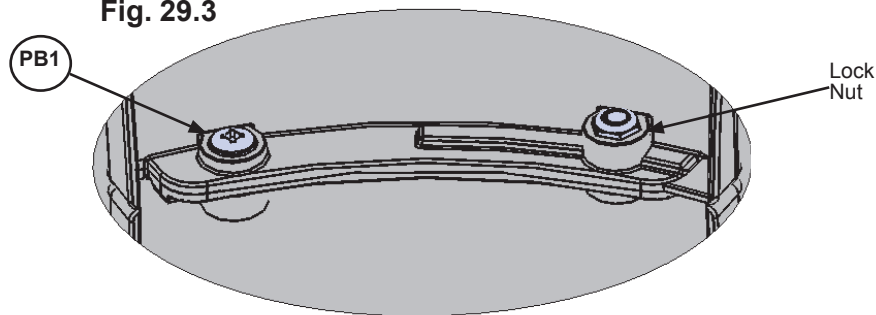
**Fig. 29.1**



**Fig. 29.2**  
**Flange Assembly**



**Fig. 29.3**



Use a 7/16" open end wrench for nuts

## Hardware

41 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

## Other Parts

1 x TNR3 Extend Flange RT  
1 x TNR3 Extend Flange LT  
8 x TNR2 Slide Elbow

# Step 29: Slide Section Assemblies

## Part 2

**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 29.3)

**D:** Attach TNR2 Slide Exit Top and the remaining TNR2 Slide Elbow together using 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 29.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 29.4

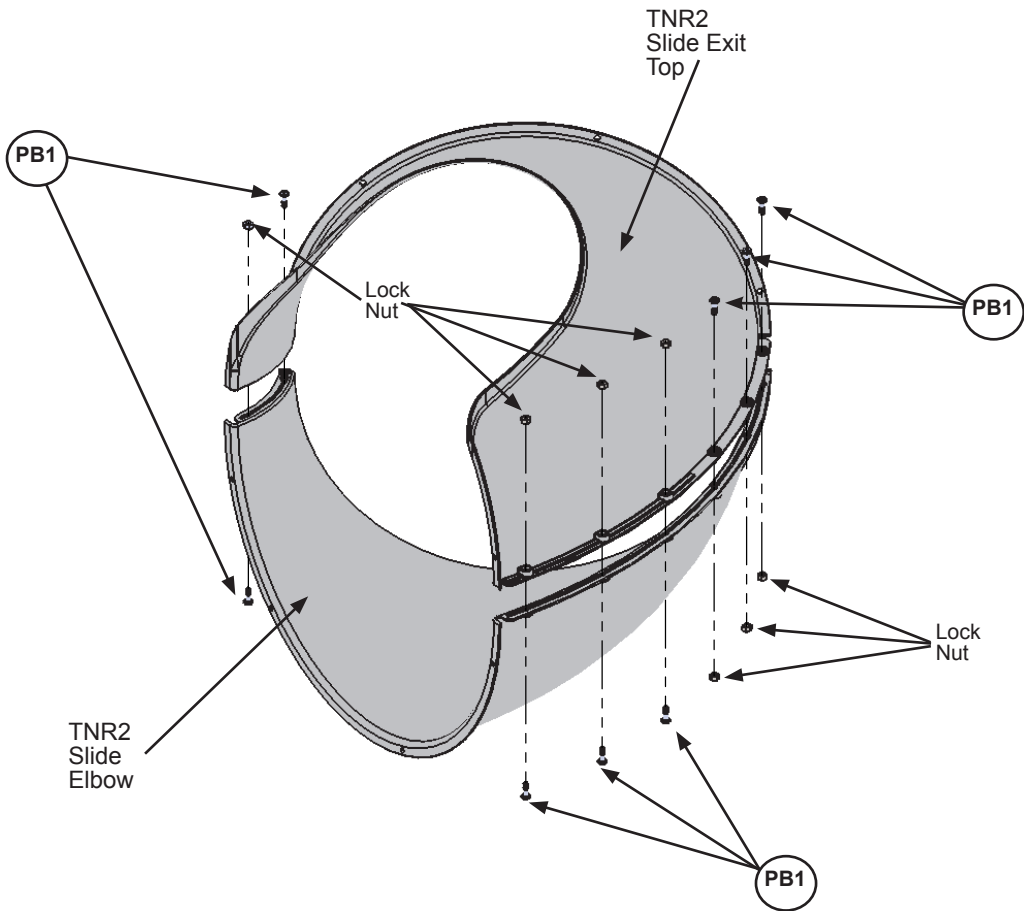
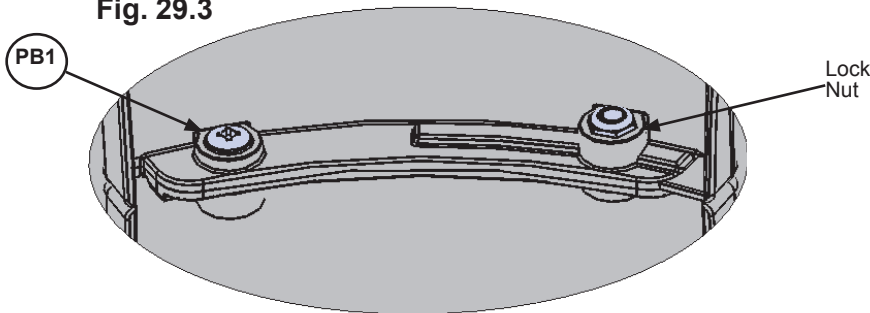


Fig. 29.3



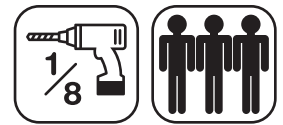
**Hardware**

8 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

**Other Parts**

1 x TNR2 Slide Exit Top  
1 x TNR2 Slide Elbow

# Step 30: Attach Flange Assembly to Fort Part 1

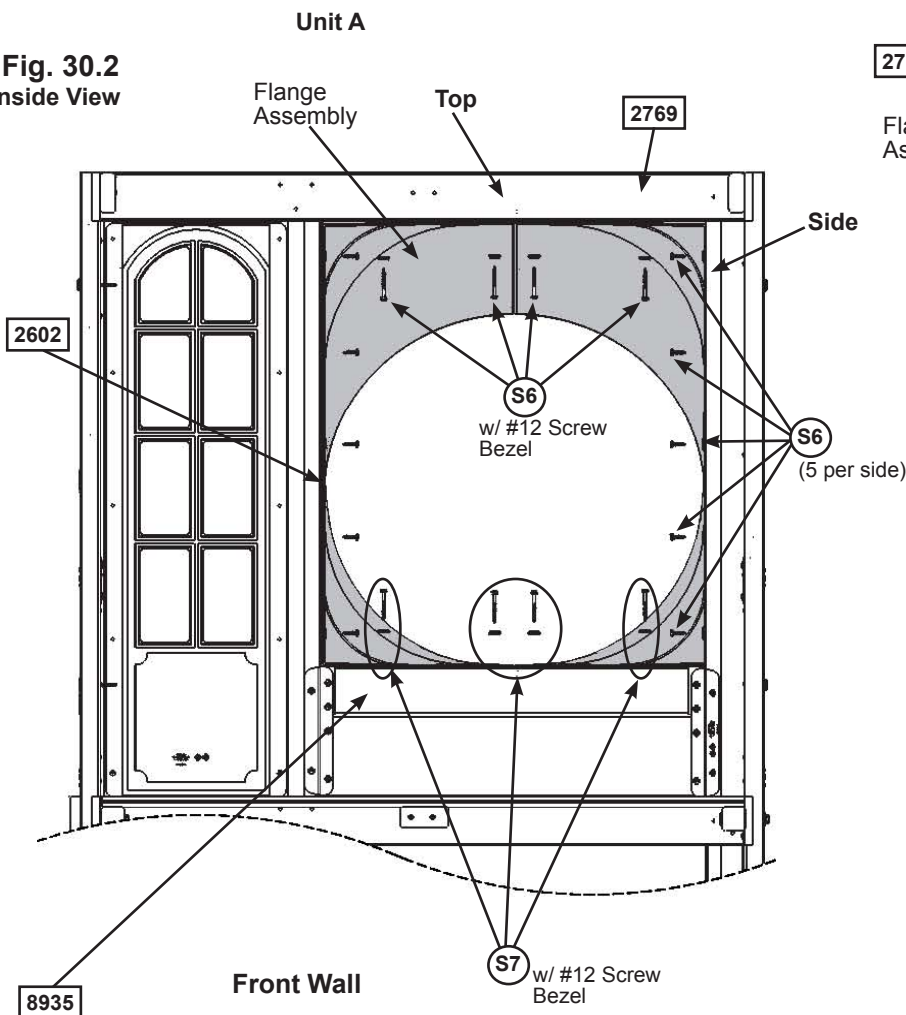


**A:** With a helper place the Flange Assembly flush to the top opening in the Front Wall on Unit A as shown in fig. 30.1, then pre-drill 1/8" pilot holes in (8935) Lower SL Insert for the 4 bottom mounting locations (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep. (fig. 30.2)

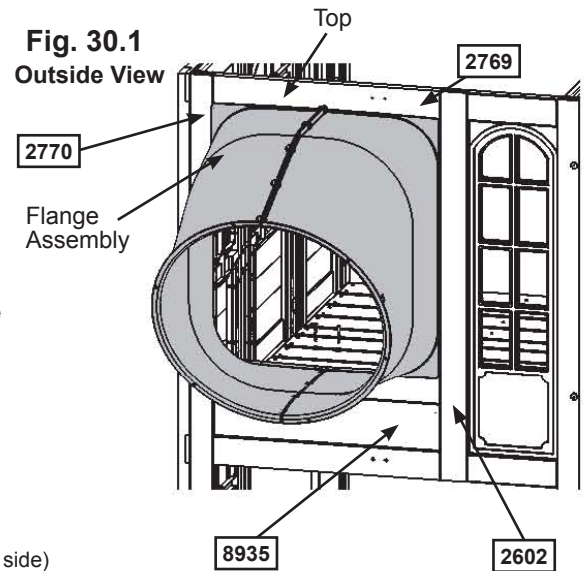
**B:** Attach Flange Assembly to (8935) Lower SL Insert using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 30.2) Make sure the flat surfaces of the Flange Assembly are flush to (2769) Panel BT Frame, (2770) End Post Left and (2602) Upper Jamb as shown in fig. 30.3.

**C:** Attach the Flange Assembly flush to top of (2769) Panel BT Frame using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) and to (2602) Upper Jamb and (2770) End Post Left using 5 (S6) #12 x 1" Pan Screws per side. (fig. 30.2)

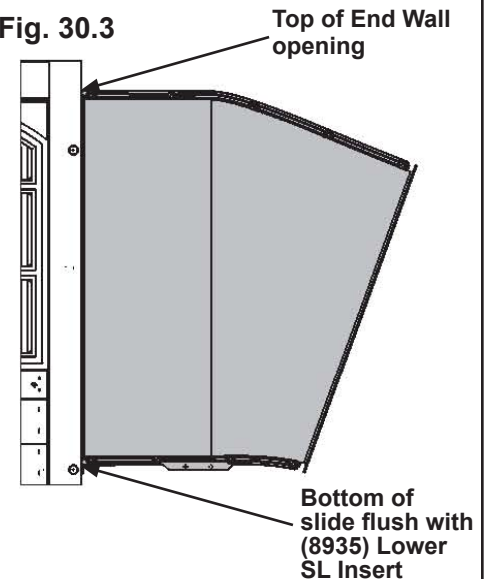
**Fig. 30.2**  
Inside View



**Fig. 30.1**  
Outside View



**Fig. 30.3**



## Hardware

- 14 x #12 x 1" Pan Screw
- 4 x #12 x 2" Pan Screw
- 8 x #12 Screw Bezel

## Step 30: Attach Flange Assembly to Fort Part 2



**D:** Place (8934) SL Gusset tight to (2768) Panel Floor, flush to the top of the bottom opening and attach to Flange Assembly with 2 (S6) #12 x 1" Pan Screws. (fig. 30.4 and 30.5)

**E:** Pre-drill pilot hole with a 3/16" drill bit then attach (8934) SL Gusset to (2768) Panel Floor with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer). (fig. 30.4 and 30.5)

Fig. 30.4

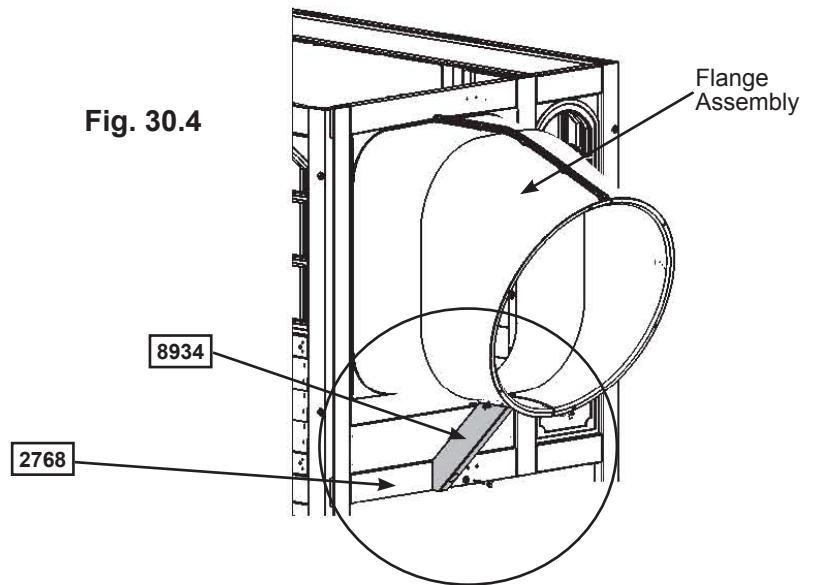
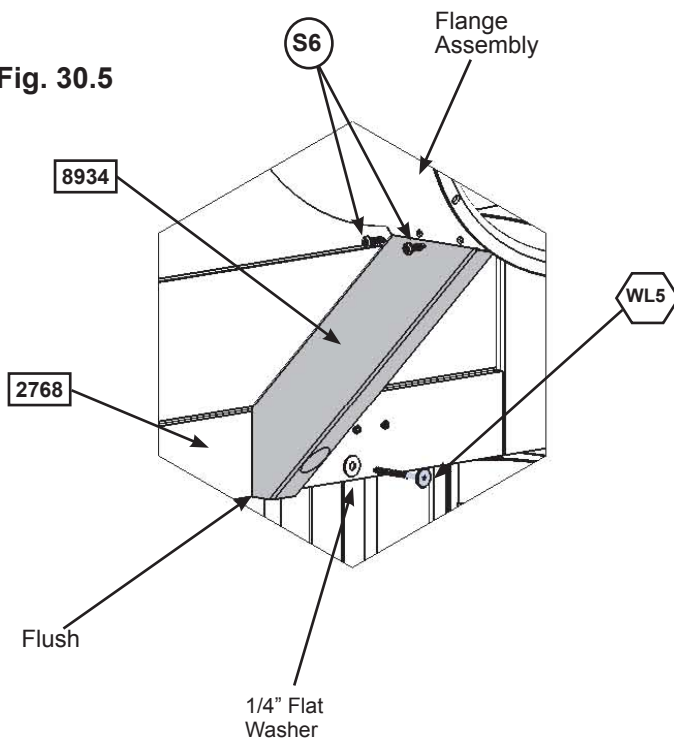


Fig. 30.5



### Wood Parts

1 x SL Gusset 1-1/4 x 3 x 15-3/4"

### Hardware

2 x #12 x 1" Pan Screw

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

# Step 31: Attach Elbow Assembly to Flange Assembly Part 1



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. (fig. 31.2 and 31.3)

**B:** Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 31.2 and 31.3.

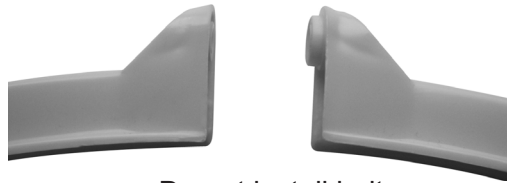
**Use Quadrex Driver as a guide pin for each hole before inserting bolt. (fig. 31.3)**

Quadrex Driver



Use special driver provided in locations where the curve of the elbow are difficult to reach with a standard driver.

Fig. 31.4



Do not install bolt in Clamp Ring ends until Step 31D

Fig. 31.1

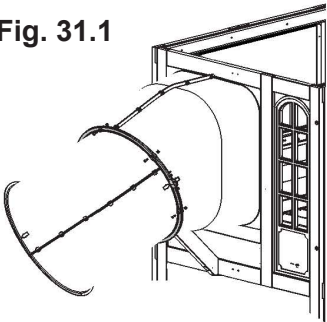
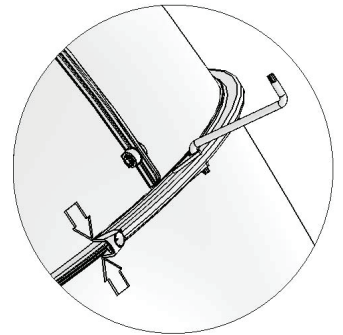
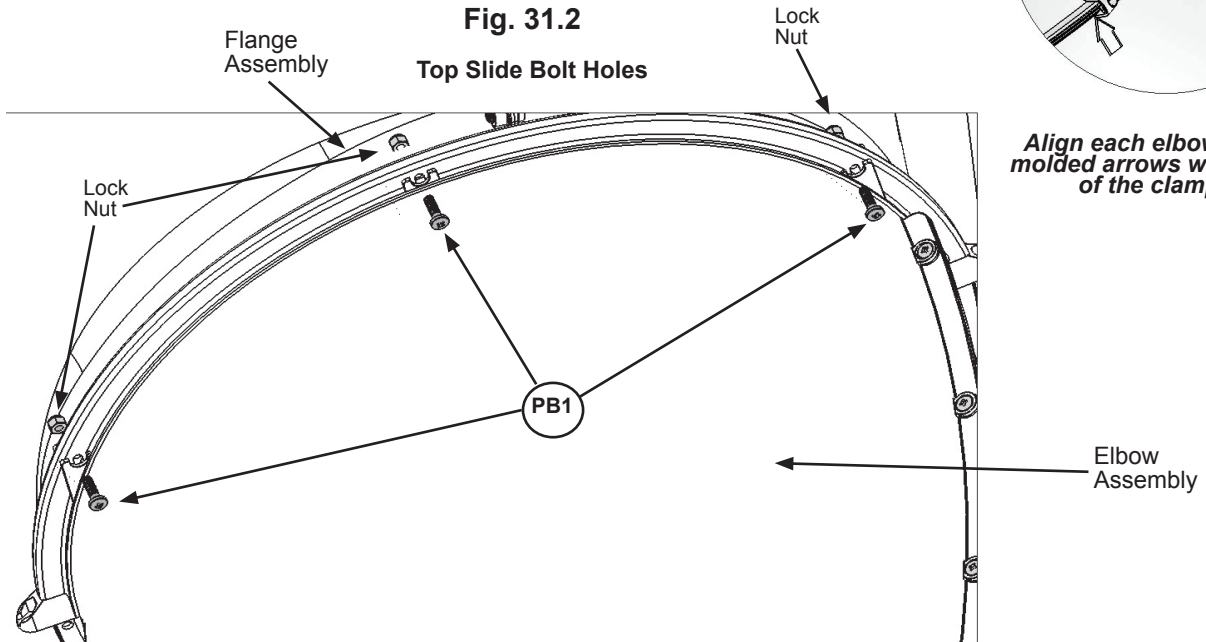


Fig. 31.3



Align each elbow using the molded arrows with the seam of the clamp ring.

Fig. 31.2



## Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

## Other Parts

1 x Quadrex Driver  
1 x TNR2 Slide Clamp Ring



# Step 31: Attach Elbow Assembly to Flange Assembly Part 2



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 2 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) on one side and 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) in the other side, making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 31.5, 31.6 and 31.7.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 31.8 and 31.9).

Fig. 31.5

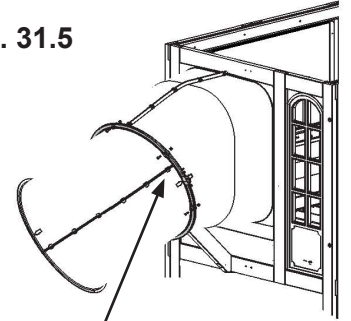


Fig. 31.6

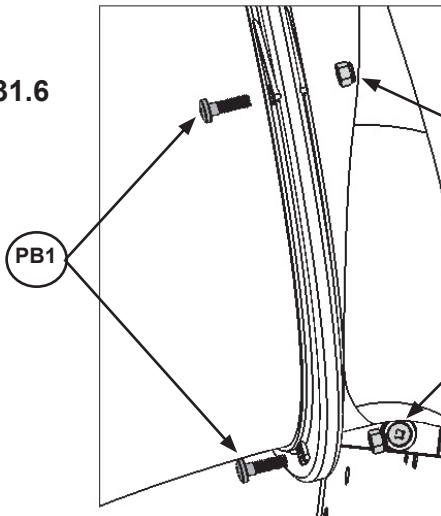


Fig. 31.7 (Side not shown)

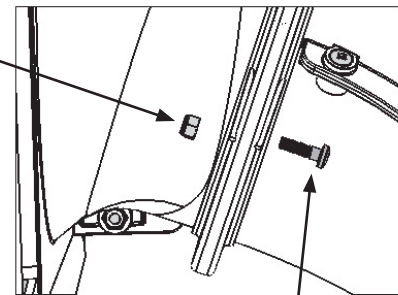


Fig. 31.8

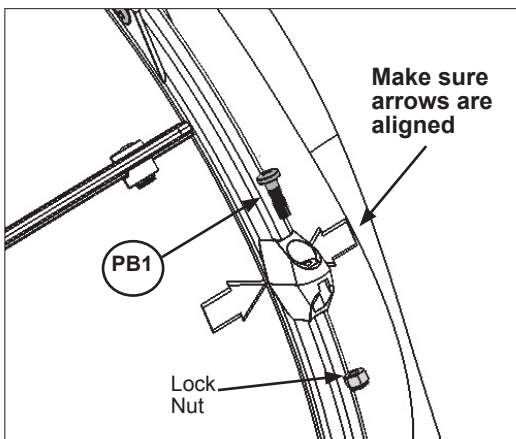
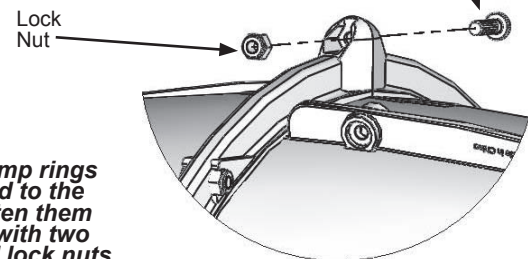


Fig. 31.9



After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts

## Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

## Other Parts

1 x TNR2 Slide Clamp Ring

# Step 32: Attach Elbow Assembly to Elbow Assembly Part 1



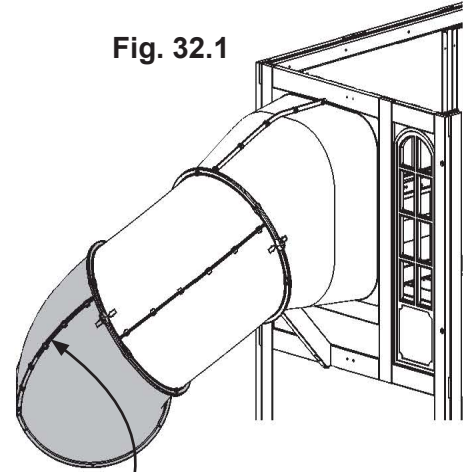
**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit a second Elbow Assembly to the first Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 32.1)

**B:** Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 32.2 and 32.3.

**Use Quadrex Driver as a guide pin for each hole before inserting bolt.**

Fig. 32.1



Notice elbow orientation

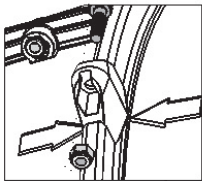


Do not install bolt in Clamp Ring ends until Step 32D

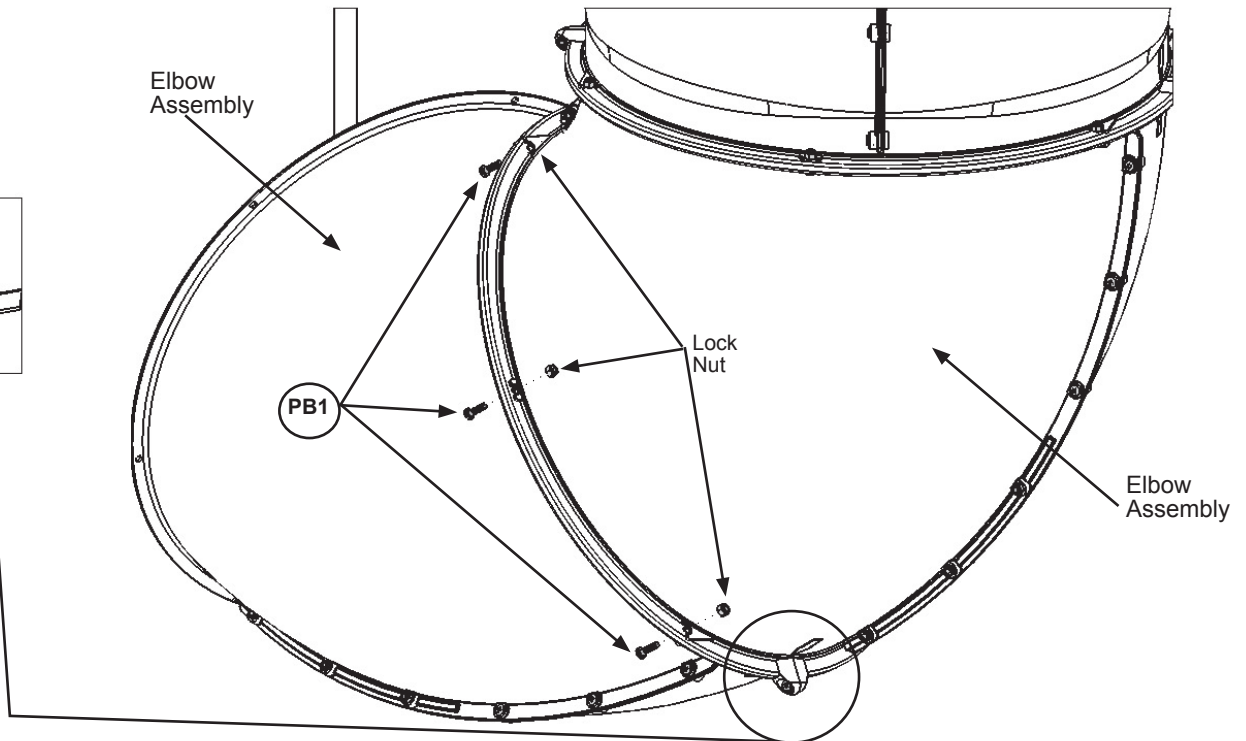
Fig. 32.2

Top Slide Bolt Holes

Fig. 32.3



Make sure arrows are aligned



## Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

## Other Parts

1 x TNR2 Slide Clamp Ring

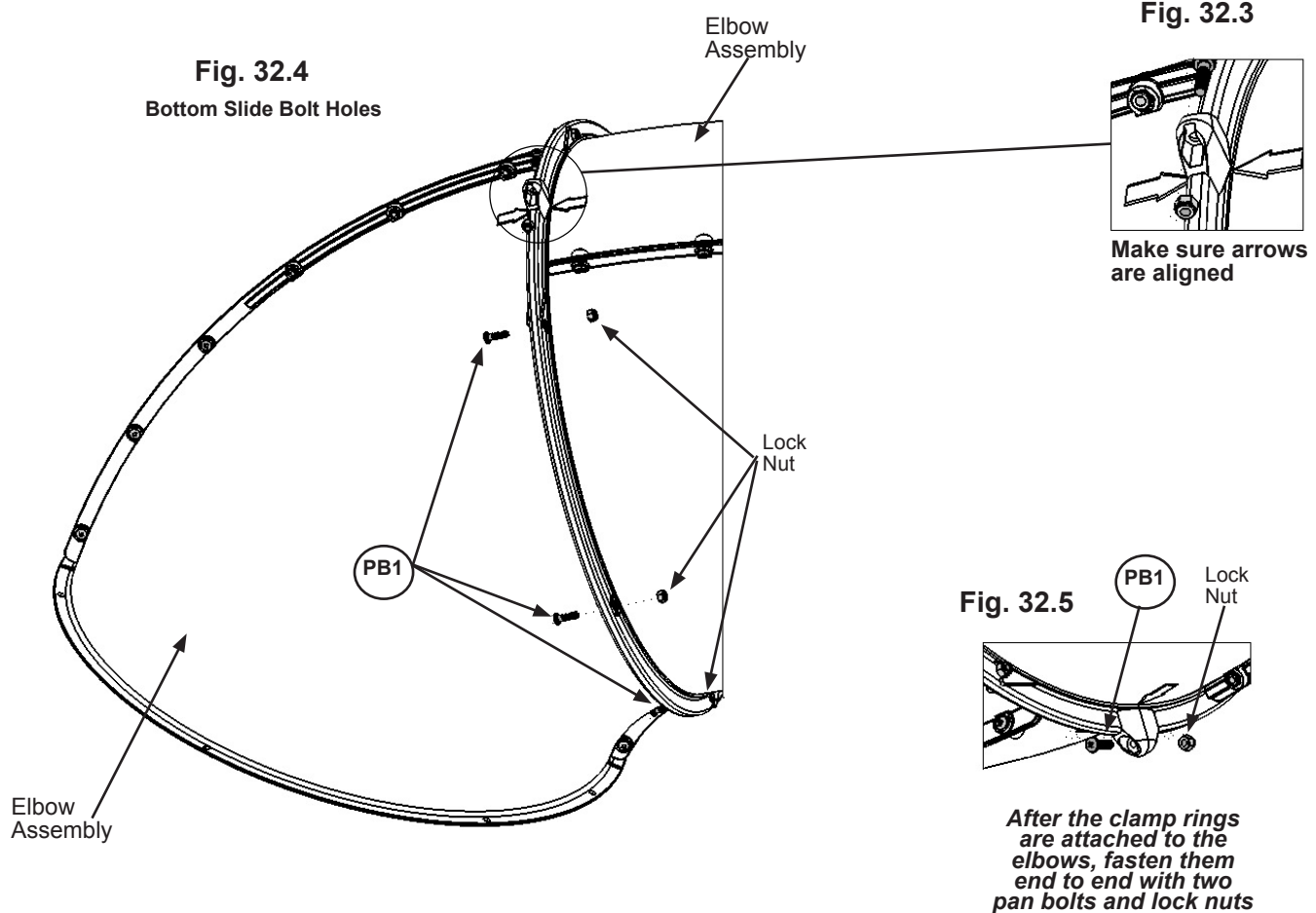
## Step 32: Attach Elbow Assembly to Elbow Assembly Part 2



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 32.3 and 32.4.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 32.3 and 32.5).



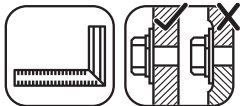
### Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

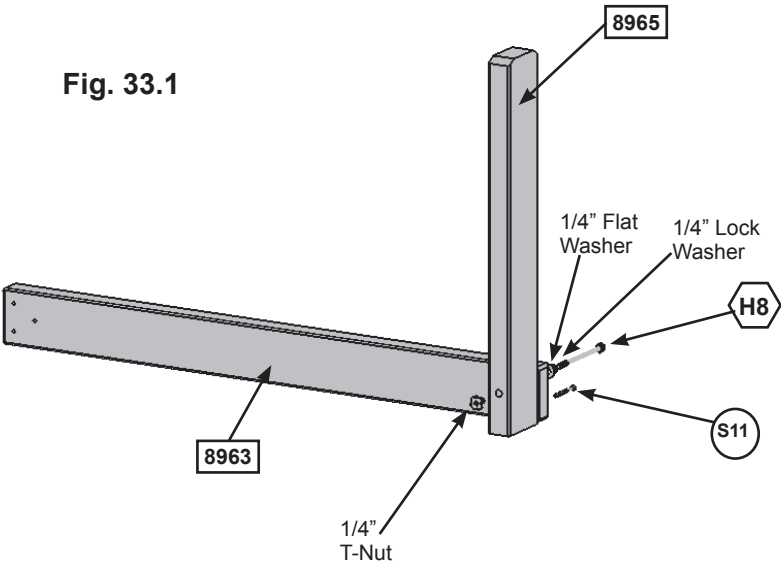
### Other Parts

1 x TNR2 Slide Clamp Ring

# Step 33: TNR Brace Assembly



**A:** Attach (8965) TNR Upright to (8963) TNR Ground Brace with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S11) #8 x 2" Wood Screw. (fig. 33.1)



## Wood Parts

- 1 x 8963 TNR Ground Brace 1-1/4 x 3 x 32-1/4"
- 1 x 8965 TNR Upright 1-1/4 x 3 x 20-1/4"

## Hardware

- 1 x S11 #8 x 2" Wood Screw
- 1 x H8 1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

# Step 34: Attach Elbow Assemblies and TNR2 Slide Support



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Attach the two remaining Elbow Assemblies as instructed in Steps 31 and 32.

**B:** Place TNR Brace Assembly against (2770) End Post Left so it sits under the slide. It is not attached yet. (fig. 34.1)

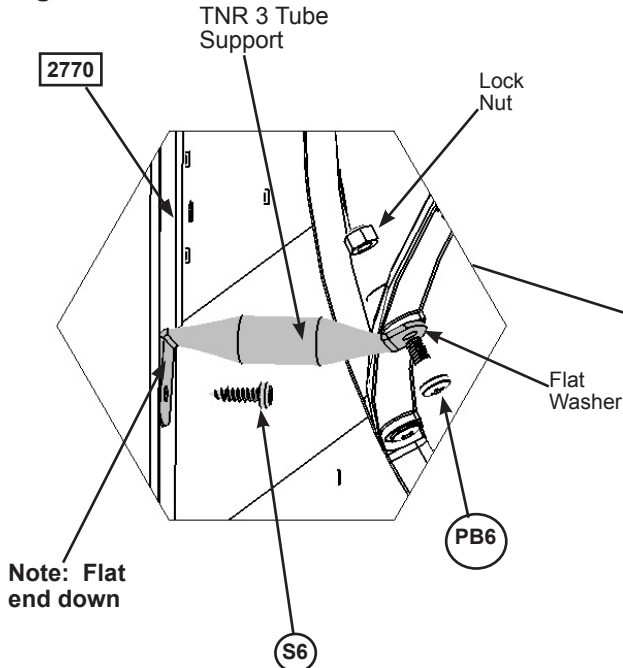
**C:** On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 29). (fig. 34.1) **The bolt will no longer be needed, but keep the lock nut.**

**D:** Loosely attach TNR3 Tube Support (at the slightly bent end) to the Clamp Ring using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 34.2)

**E:** Rotate TNR3 Tube Support and attach to (2770) End Post Left using 1 (S6) #12 x 1" Pan Screw as shown in fig. 34.2.

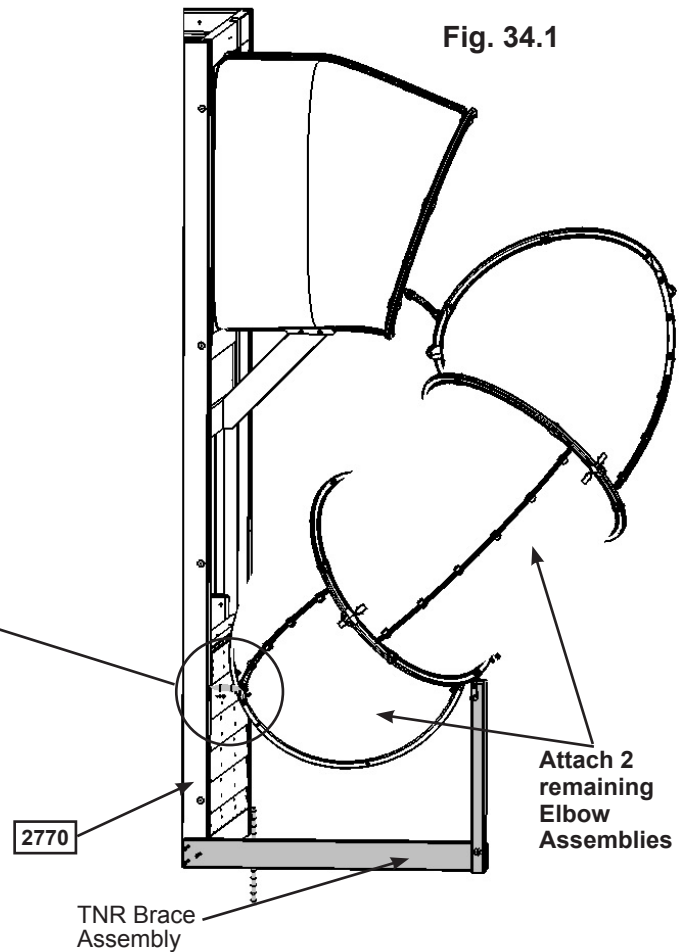
**F:** Fully tighten screw and bolt.

Fig. 34.2



Remove PB1 (1/4 x 3/4" Pan Bolt) first then install PB6 (1/4 x 1" Pan Bolt with flat washer)

Fig. 34.1



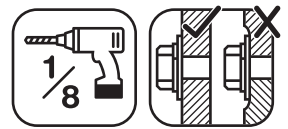
## Hardware

- 1 x (S6) #12 x 1" Pan Screw
- 1 x (PB6) 1/4 x 1" Pan Bolt (1/4" flat washer & 1/4" lock nut - previously removed)
- 16 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

## Other Parts

- 1 x TNR3 Tube Support
- 4 x TNR2 Slide Clamp Ring

## Step 35: Attach TNR Brace Assembly



**A:** Use (8965) TNR Upright as a guide to judge the proper bolt location, remove the bottom pan bolt and nut. **The bolt will no longer be needed, but keep the lock nut.** (fig. 35.1 and 35.2)

**B:** Attach the top of the TNR3 Post Mount to TNR2 Slide Clamp Ring using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with the previously removed lock nut and 1 flat washer). (fig. 35.2)

**C:** Insert TNR3 Post Mount on (8965) TNR Upright, pre-drill with a 1/8" drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 35.2)

**D:** Attach (8963) TNR Ground Brace flush to the bottom of (2770) End Panel Left with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 35.1 and 35.3)

Fig. 35.1

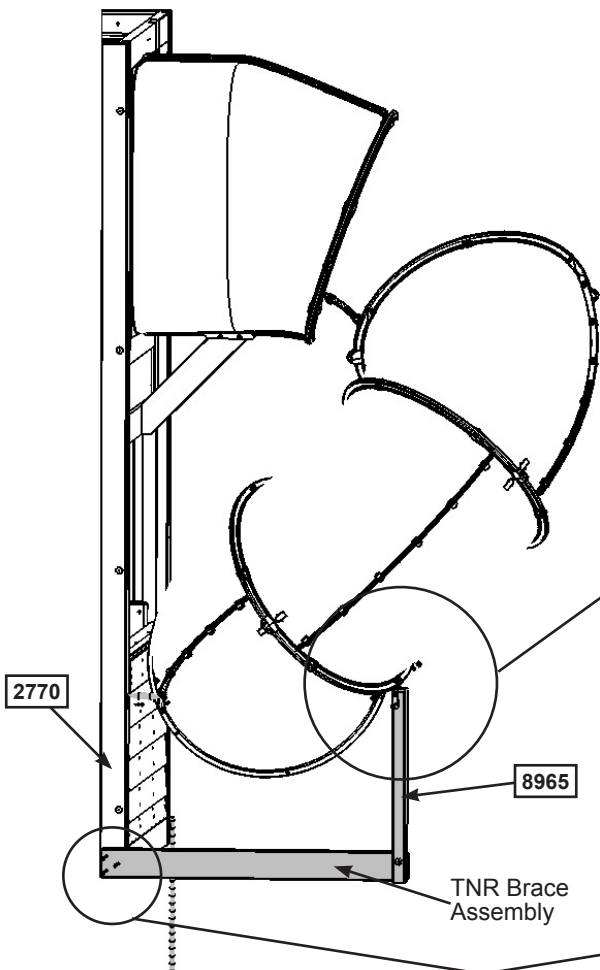


Fig. 35.2

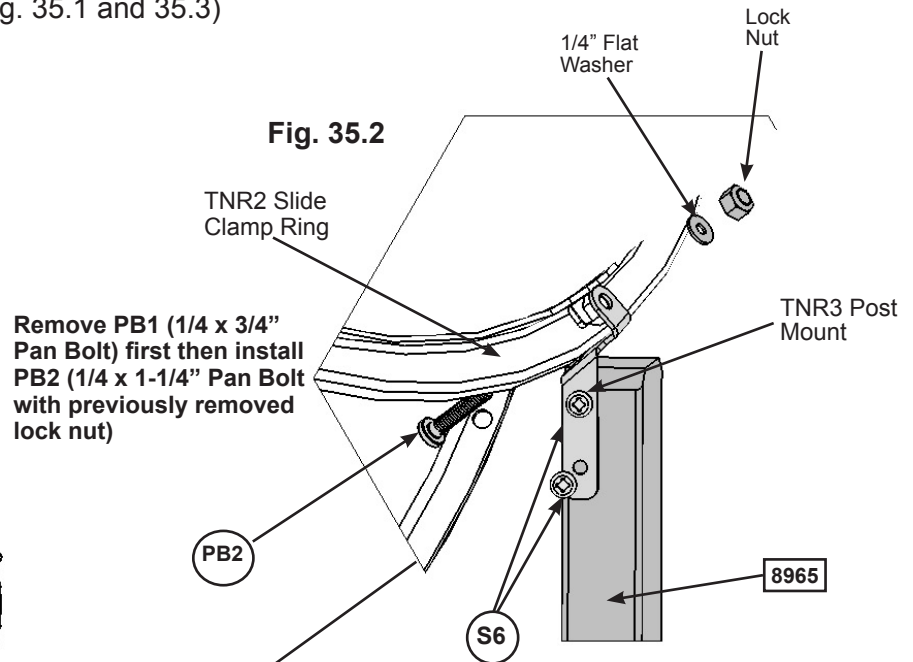
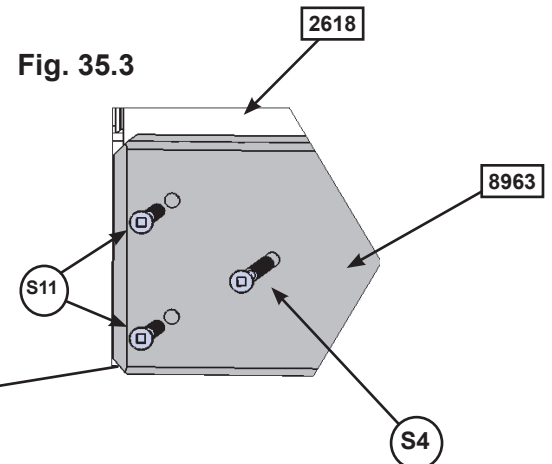


Fig. 35.3

Remove H9 (1/4 x 1-1/4" Hex Bolt) first then install TNR Brace Assembly with Wood Screws as noted in Fig. 35.3



### Hardware

- 1 x (PB2) 1/4 x 1-1/4" Pan Bolt  
1 - (1/4" flat washer, 1/4" lock nut - previously removed)
- 2 x (S6) #12 x 1" Pan Screw
- 1 x (S4) #8 x 3" Wood Screw
- 2 x (S11) #8 x 2" Wood Screw

### Other Parts

- 1 x TNR3 Post Mount



## Step 36: Attach TNR2 Slide Exit to Exit Elbow Assembly



**A:** Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR3 Short Exit. (fig. 36.1)

**B:** Rotate Slide Exit and use Quadrex Driver as a guide pin so the holes are aligned and attach with 5 (PB1) 1/4 x 3/4" Pan Bolts (with lock nuts) starting with the bottom middle hole and working up each side. (fig. 36.2 and 36.3)

**C:** At this point make sure all the slide bolts are tight. **Use a 7/16" open end wrench to hold nut and then tighten bolt with Quadrex Driver on Clamp Rings.**

Fig. 36.1

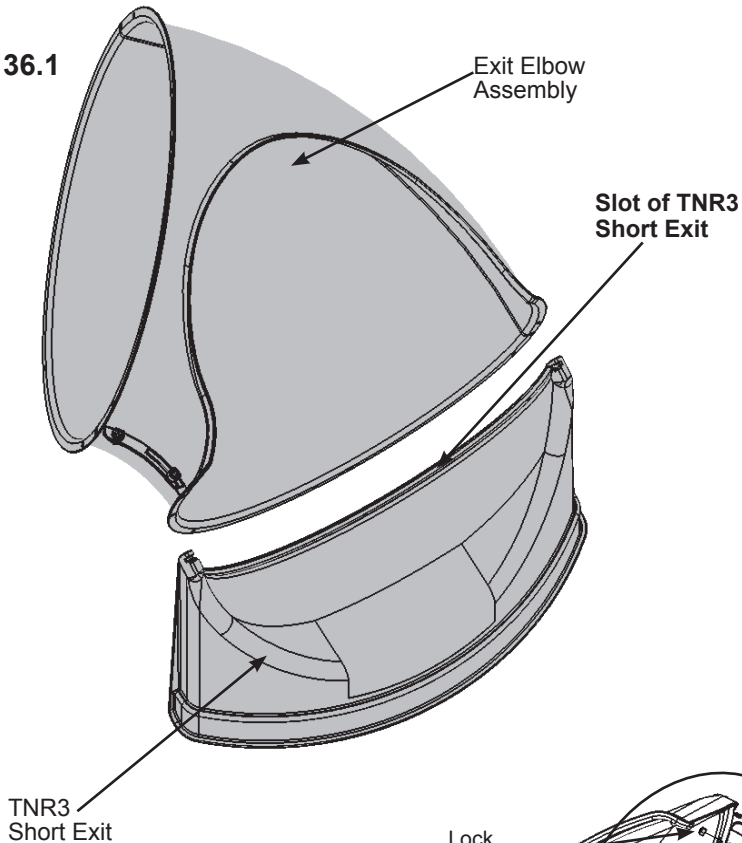


Fig. 36.3

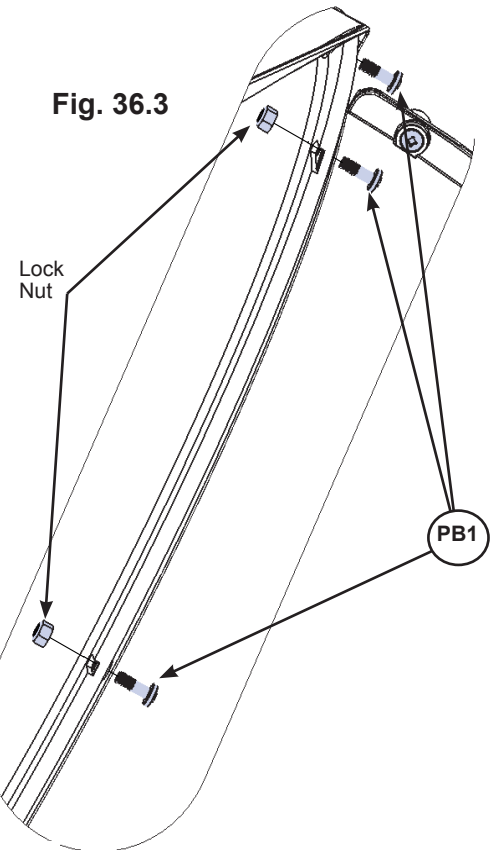
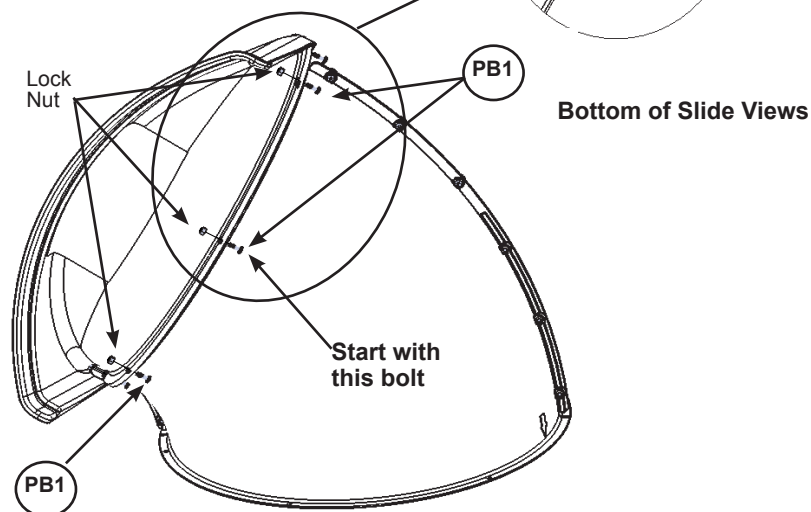


Fig. 36.2



### Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

1 x TNR3 Short Exit

## Step 37: Attach Exit End Assembly to Fort



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 37.1)

**B:** Place 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies, rotate counter clockwise 1 hole location then attach with 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 37.1.

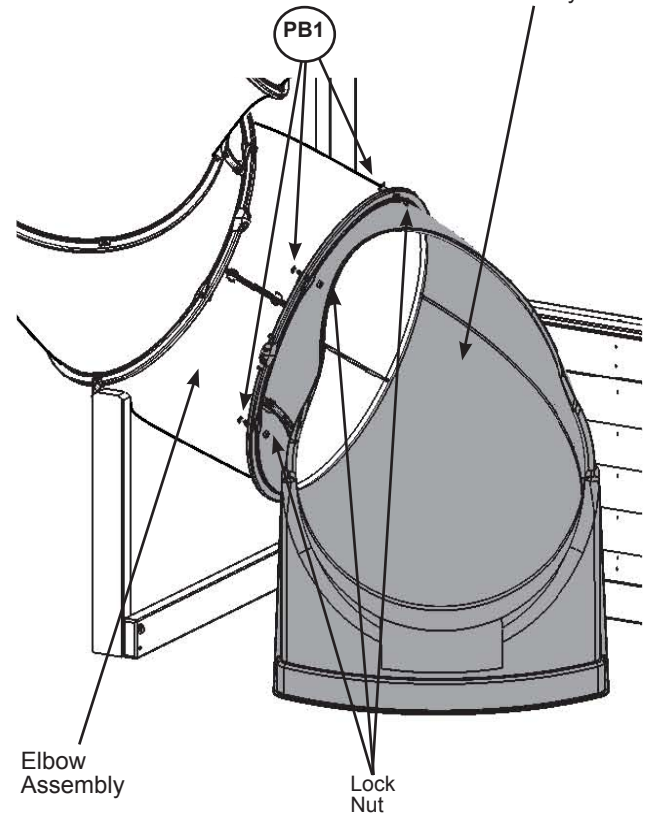
**Use Quadrex Driver as a guide pin for each hole before inserting bolt.**

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 37.2.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 37.3).

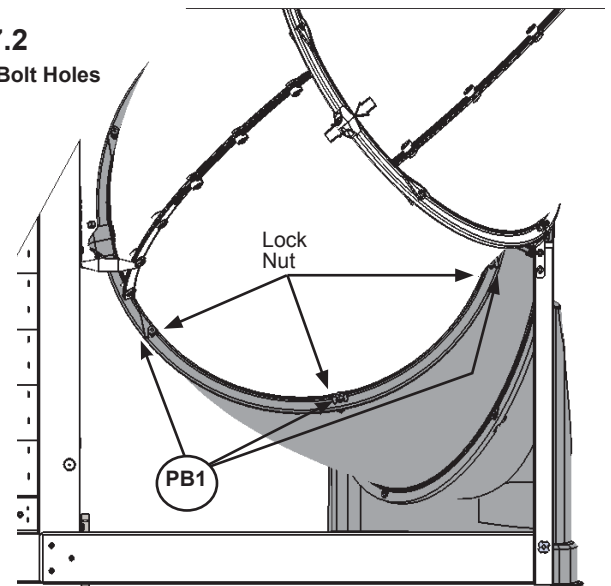
**Fig. 37.1**

Top Slide Bolt Holes



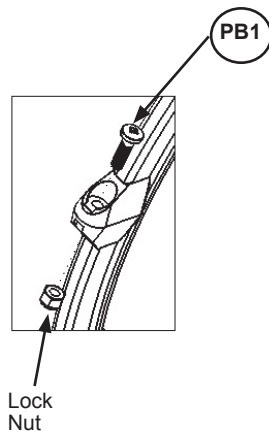
**Fig. 37.2**

Bottom Slide Bolt Holes



**Fig. 37.3**

After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts



### Hardware

8 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

2 x TNR2 Slide Clamp Ring

## Step 38: Attach Ground Stake to TNR Upright

**A:** In the spot shown in fig. 38.1 drive 1 Rebar Ground Stake 13" into the ground against the (8965) TNR Upright. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off.

**B:** Attach the ground stake to (8965) TNR Upright just below the t-nut using 1 (S7) #12 x 2" Pan Screw as shown in fig. 38.2.

**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" into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

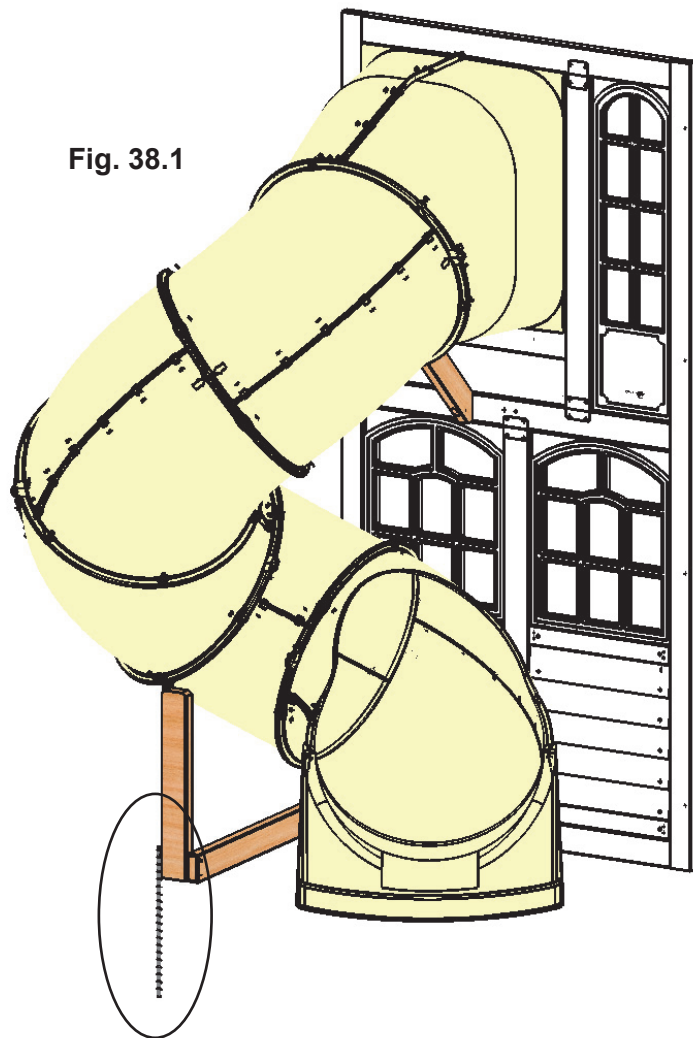


Fig. 38.1

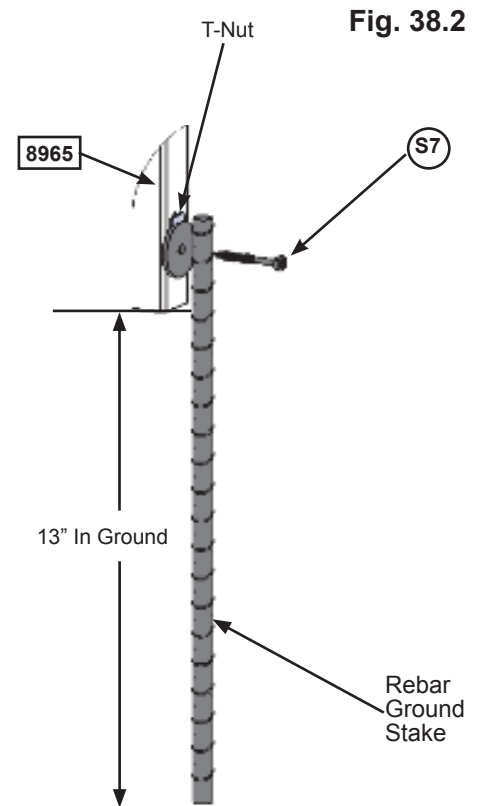


Fig. 38.2

### Hardware

1 x (S7) #12 x 2" Pan Screw

### Other Parts

1 x Rebar Ground Stake

## Step 39: Roof Support Assembly

**A:** Attach 1 (2760) Roof Support to a second (2760) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. Repeat this step so there are 4 Roof Support Assemblies. (fig. 39.1 and 39.2)

Fig. 39.1

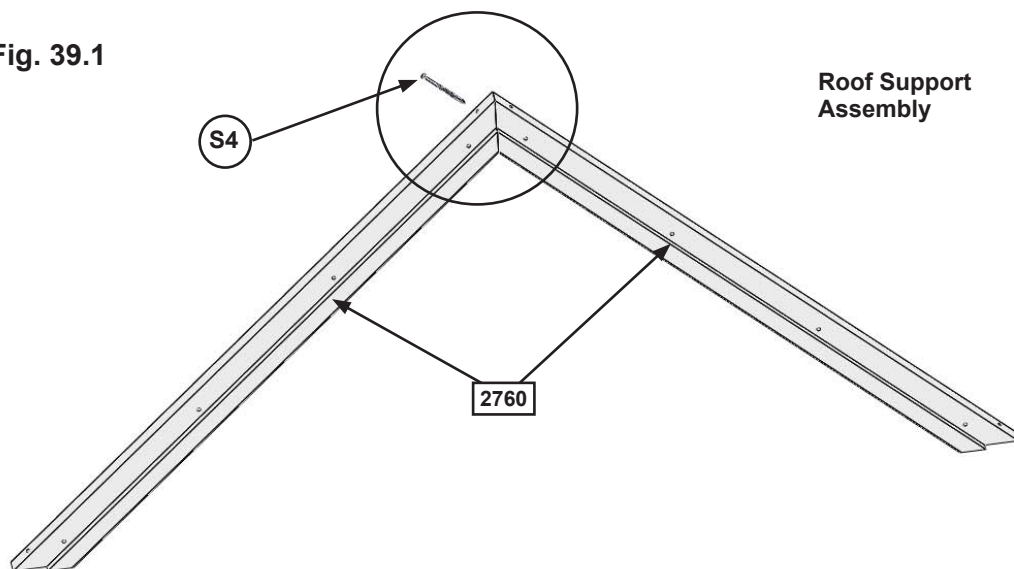
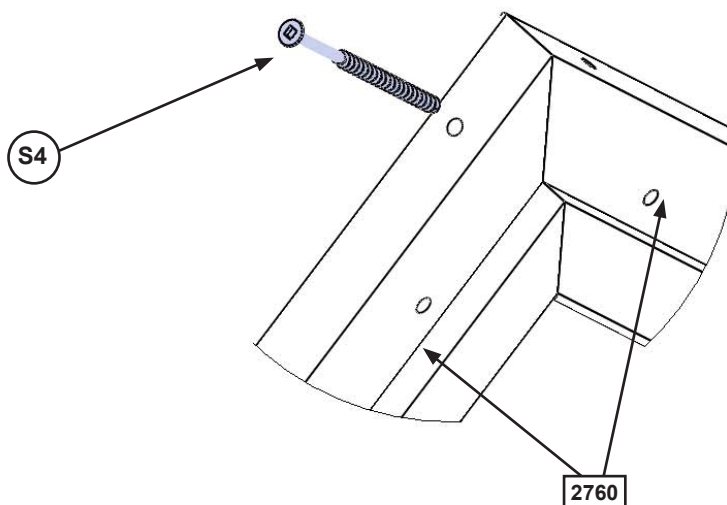


Fig. 39.2



### Wood Parts

8 x 2760 Roof Support 1-1/4 x 2-1/4 x 37-1/2"

### Hardware

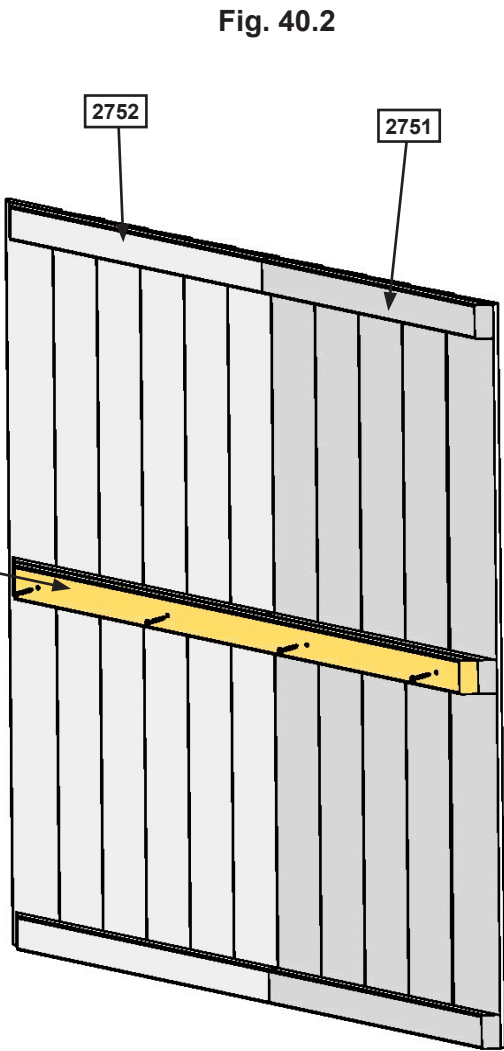
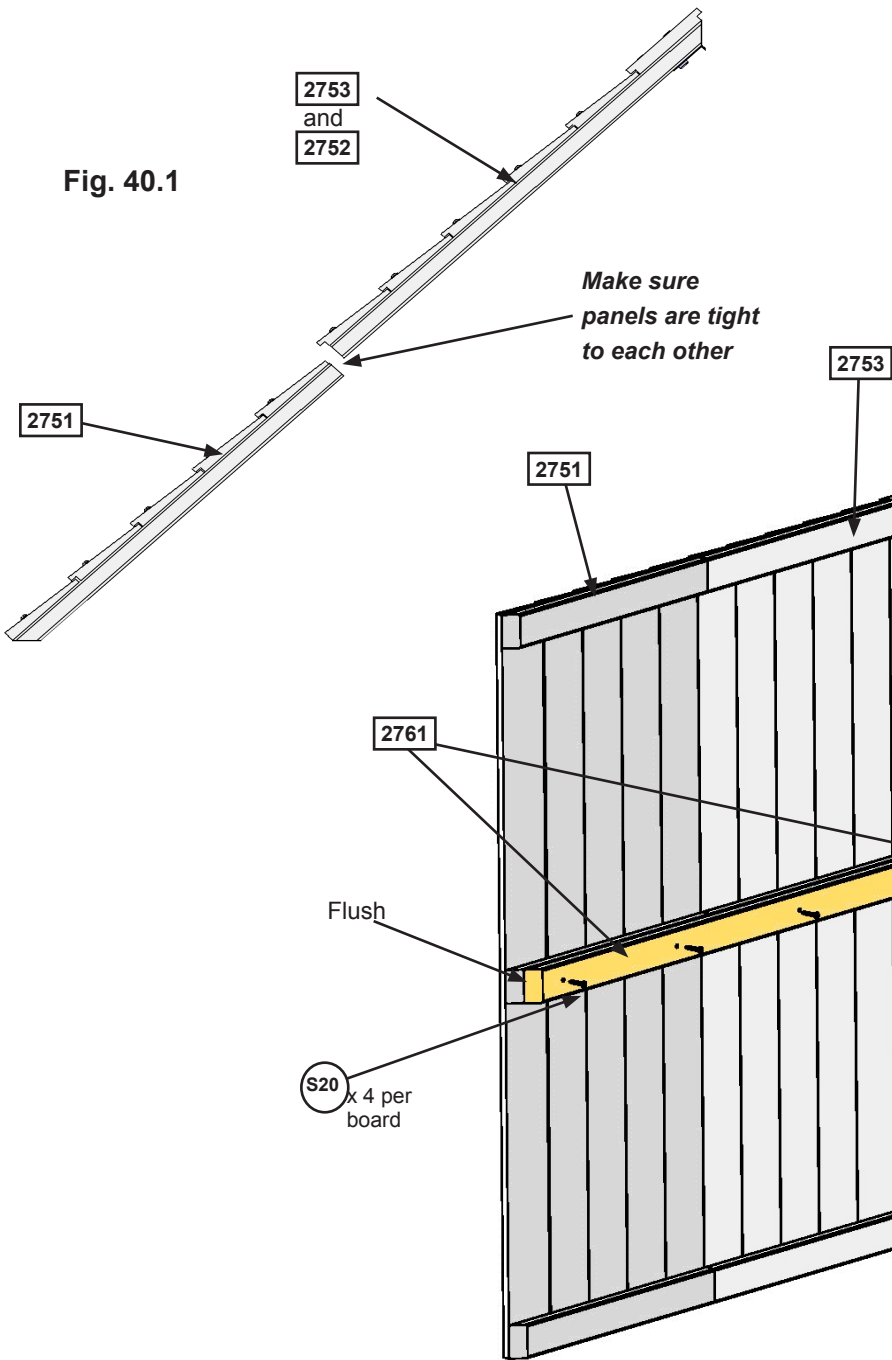
4 x S4 #8 x 3" Wood Screw

# Step 40: 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. 40.1)

**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) #8 x 1-3/8" Wood Screws per panel. (fig. 40.2)

**C:** Repeat A and B to create a second Roof Panel Assembly.



## Wood Parts

- 4 x (2751) MOD Roof Bottom 1-3/16 x 16-13/16 x 44"
- 2 x (2752) MOD Roof Front 1-1/4 x 20-7/16 x 44"
- 2 x (2753) MOD Roof Back 1-1/4 x 20-3/16 x 44"
- 4 x (2761) Roof Sleeper C 3/4 x 2 x 35"

## Hardware

- 16 x (S20) #8 x 1-3/8" Wood Screw

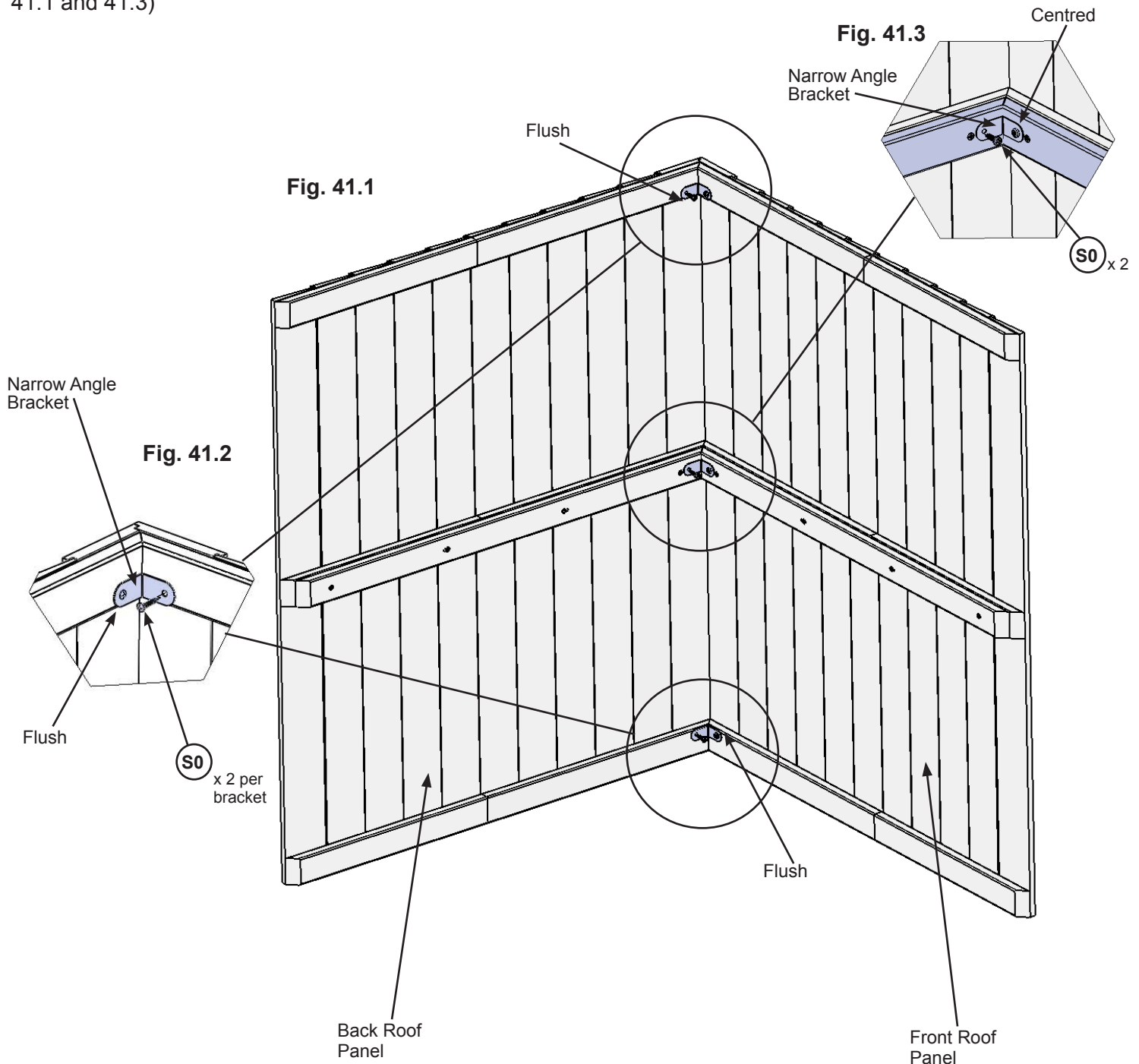
# Step 41: Roof Assembly Part 1



**Complete Step 41, A-D, twice so there are 2 Roof Assemblies**

**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) #8 x 7/8" Truss Screws per bracket. (fig. 41.1 and 41.2)

**B:** Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 41.1 and 41.3)



## Hardware

12 x (S0) #8 x 7/8" Truss Screw

## Other Parts

6 x Narrow Angle Bracket



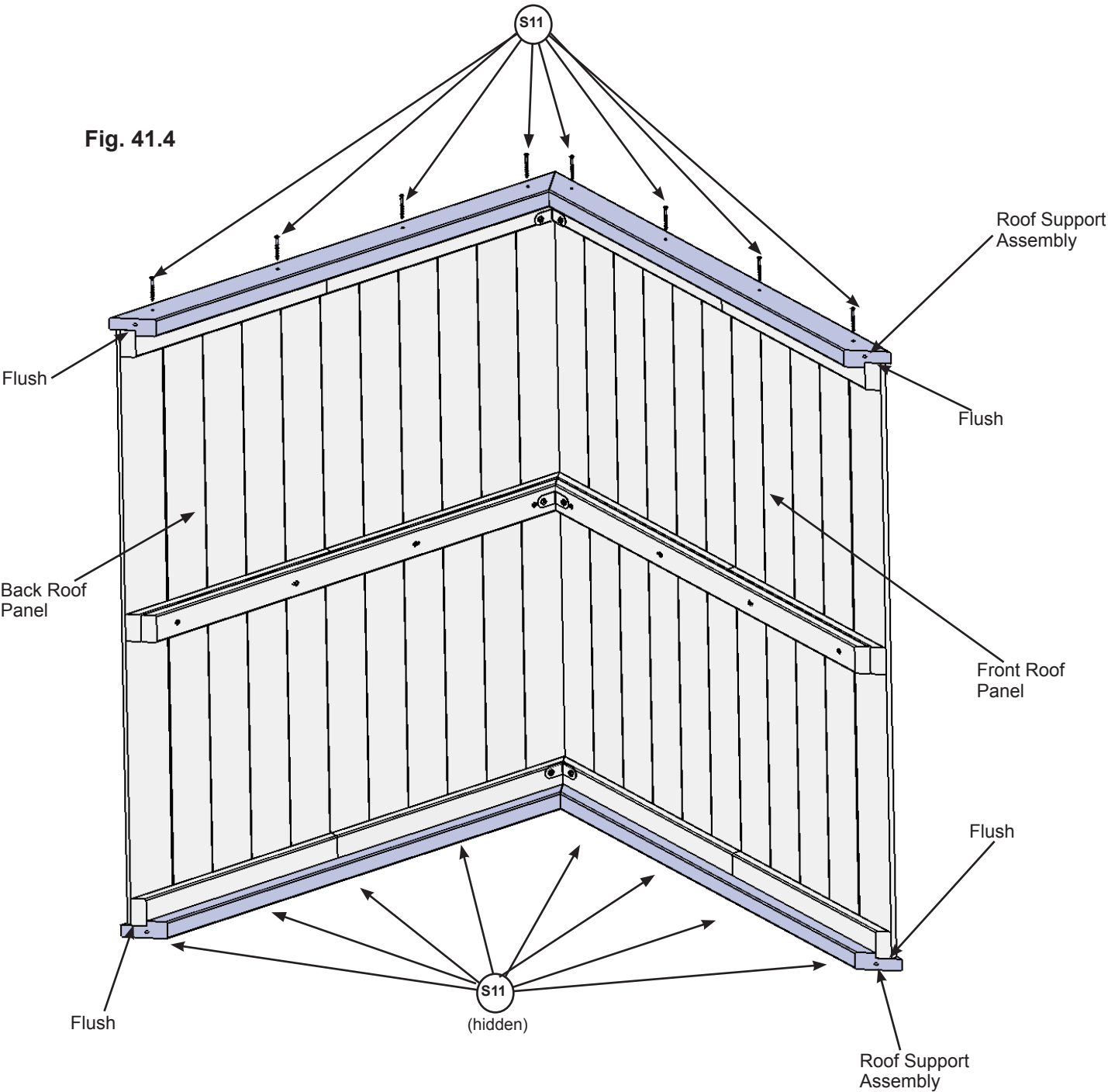
# Step 41: Roof Assembly

## 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) #8 x 2" Wood Screws. (fig. 41.4)

**D:** Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) #8 x 2" Wood Screws. (fig. 41.4)

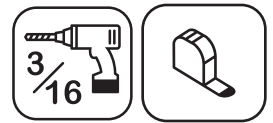
Fig. 41.4



### Hardware

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

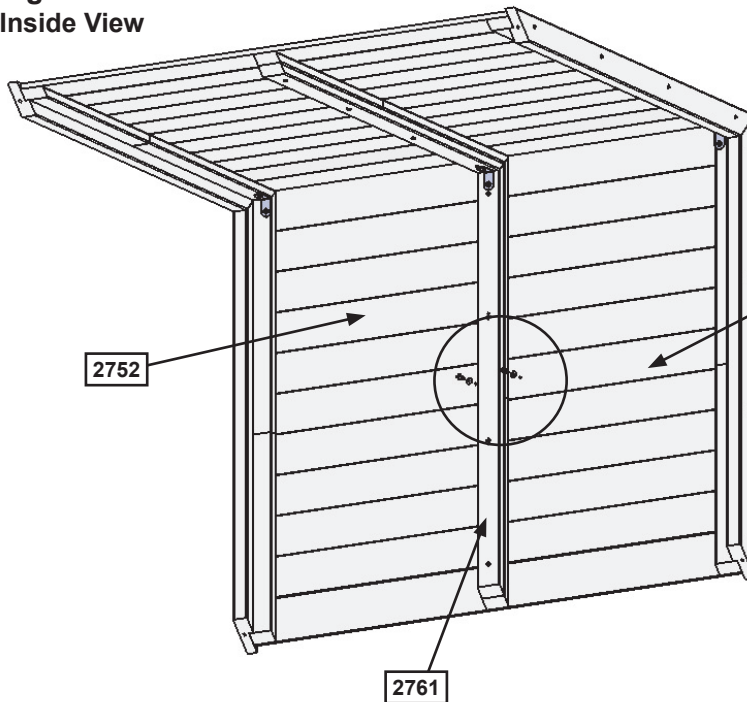
# Step 41: Roof Assembly Part 3



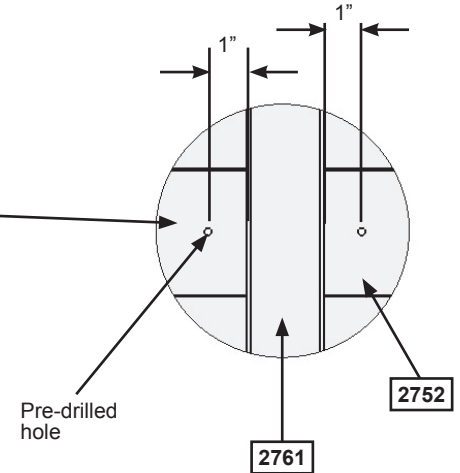
**E:** On the inside of each Roof Assembly on the bottom siding of the (2752) MOD Roof Fronts (6th siding down from top of Roof Assembly), measure 1" from each side of (2761) Roof Sleeper C and pre-drill 2 holes with a 3/16" drill bit as shown in fig. 41.5 and 41.6. This will now be referred to as the front of each Roof Assembly.

**F:** On the outside of each Roof Assembly place 1 (8069) Dormer Cleat over the pre-drilled holes and from inside the assembly attach with 2 (S20) #8 x 1-3/8" Wood Screws per Roof Assembly. (fig. 41.5, 41.7 and 41.8)

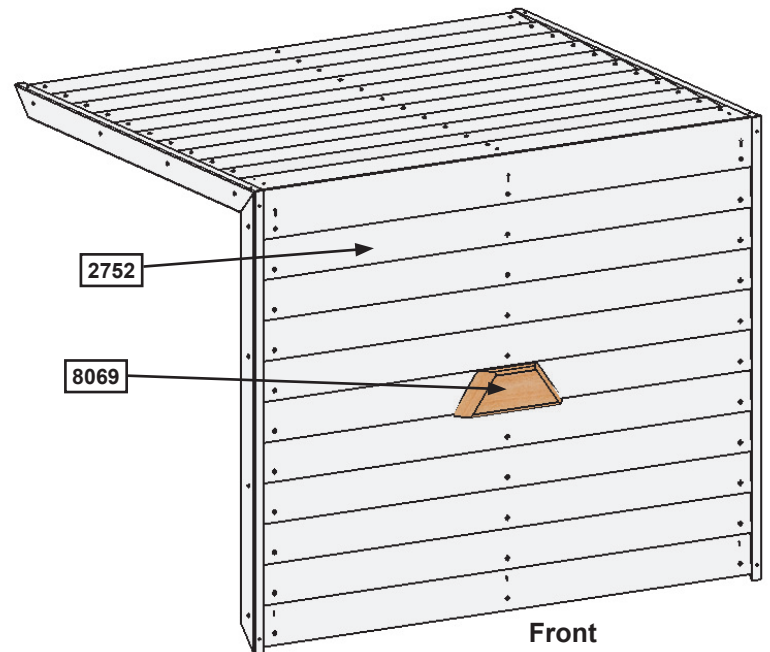
**Fig. 41.5**  
Inside View



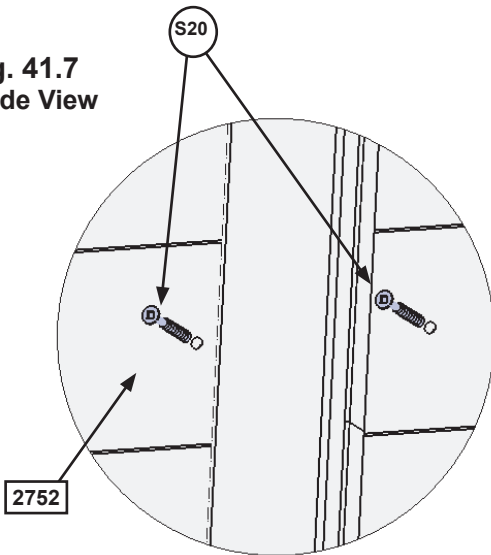
**Fig. 41.6**  
Inside View



**Fig. 41.8**  
Outside View



**Fig. 41.7**  
Inside View



## Wood Parts

2 x **8069** Dormer Cleat 2 x 4 x 10"

## Hardware

4 x **S20** #8 x 1-3/8" Wood Screw

## Step 42: Dormer Assembly Part 1

**Complete Step 42, A-H, twice to create 2 Dormer Assemblies.**

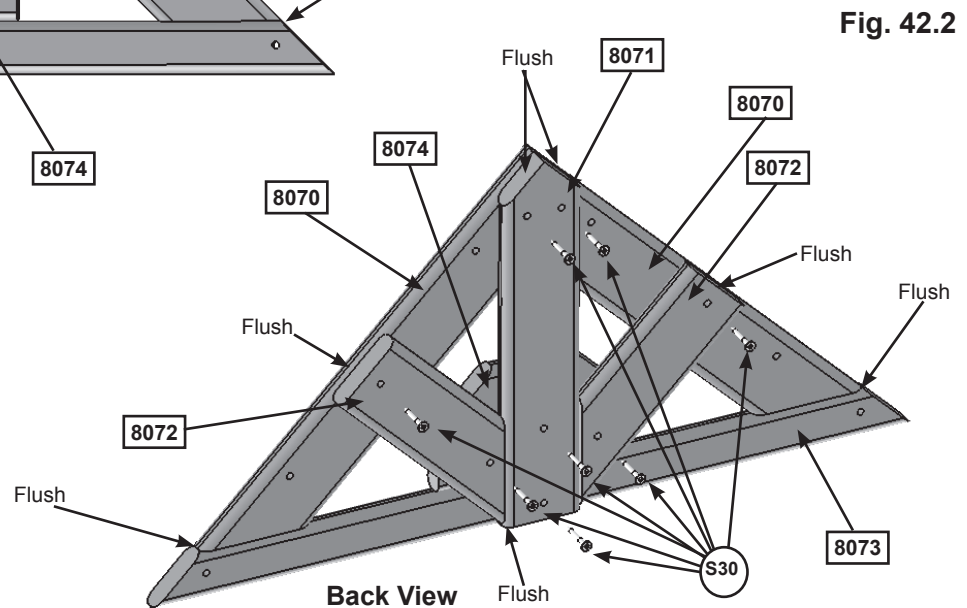
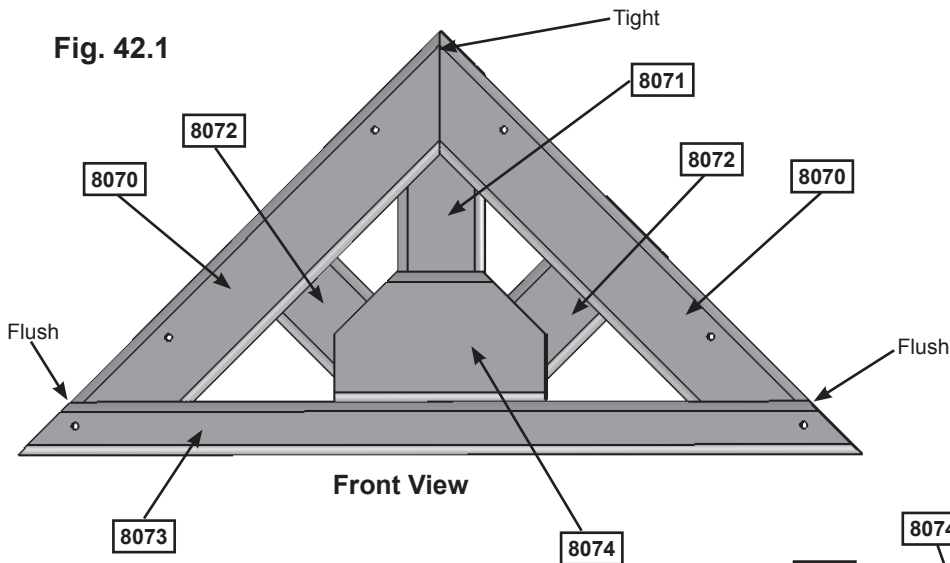
**A:** Lay 2 (8070) Dormer Sides flat on the ground so the tops are tight together and form a peak. The side facing up will be the back. (fig. 42.1 and 42.2)

**B:** Tight to the bottom of both (8070) Dormer Sides place (8073) Dormer Bottom so the outside edges are flush. (fig. 42.1 and 42.2)

**C:** On the front of the assembly, centred on top of (8073) Dormer Bottom, place (8074) Dormer Burst. (fig. 42.1 and 42.2)

**D:** Place (8071) Dormer Centre on the back side, flush to the bottom of (8073) Dormer Bottom so the tip is centred at the peak of the (8070) Dormer Sides then attach with 4 (S30) #8 x 1-1/6" Wood Screws. (fig. 42.2)

**E:** Place 1 (8072) Dormer Side Burst tight to each side of (8071) Dormer Centre so they are flush to the bottom of (8073) Dormer Bottom then attach with 2 (S30) #8 x 1-1/6" Wood Screws per board. (fig. 42.2)



### Wood Parts

4 x	8070	Dormer Side 1 x 3 x 13-5/8"
2 x	8073	Dormer Bottom 1 x 2 x 22"
2 x	8074	Dormer Burst 1 x 4 x 5-1/2"
2 x	8071	Dormer Centre 1 x 3 x 10-3/4"
4 x	8072	Dormer Side Burst 1 x 3 x 6-3/4"

### Hardware

16 x S30 #8 x 1-1/6" Wood Screw

## Step 42: Dormer Assembly Part 2

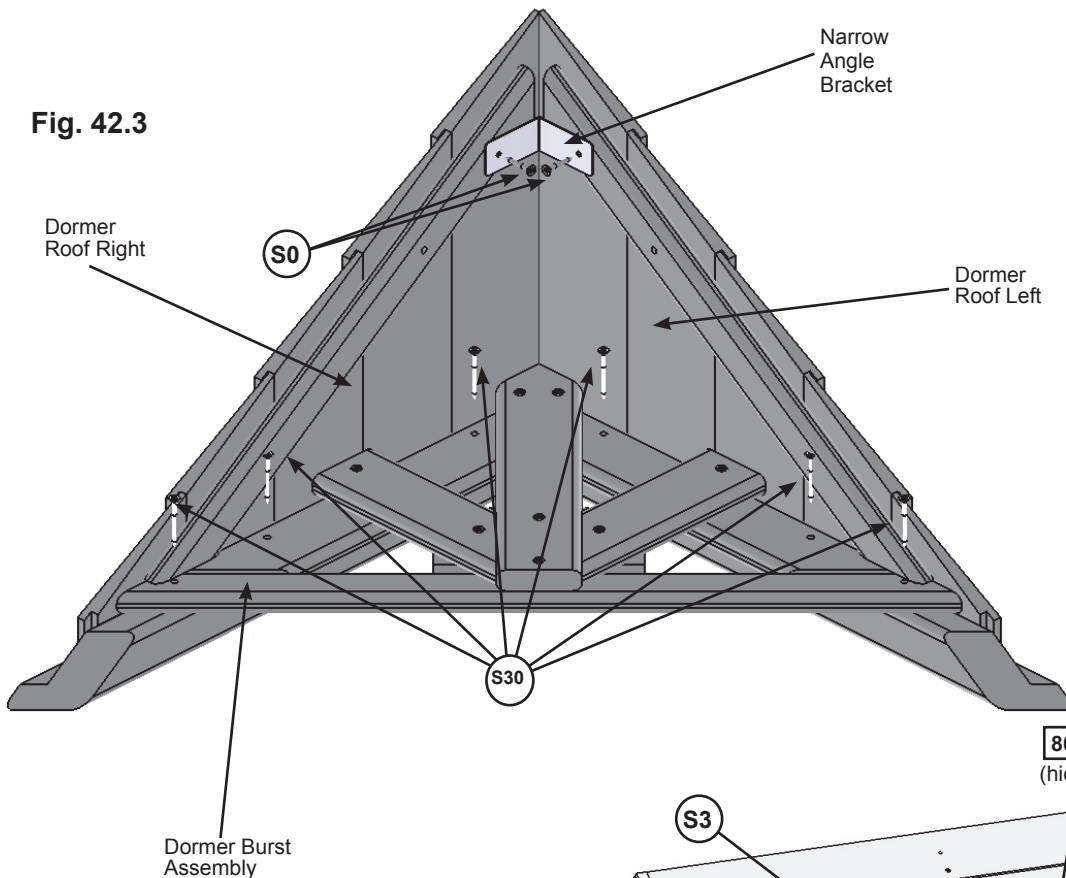


**F:** Pre-drill with a 1/8" drill bit then attach Dormer Roof Right to Dormer Roof Left, from (8068) Dormer Roof Set at the inside peak with 1 Narrow Angle Bracket using 2 (S5) #8 x 7/8" Truss Screws. (fig. 42.3)

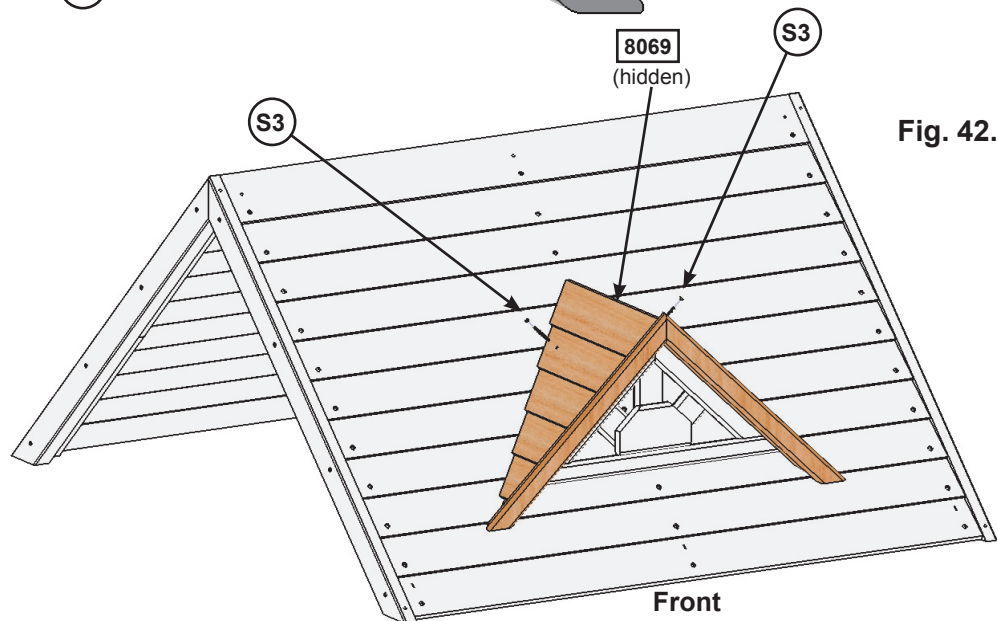
**G:** Place the Dormer Burst Assembly from Step 42, Part 1 on the inside edge of each Dormer Roof and attach with 6 (S30) #8 x 1-1/6" Wood Screws. (fig. 42.3)

**H:** Place 1 completed Dormer Assembly over each (8069) Dormer Cleat and attach with 2 (S3) #8 x 2-1/2" Wood Screws per Roof Assembly. (fig. 42.4)

**Fig. 42.3**



**Fig. 42.4**



### Wood Parts

2 x **8068** Dormer Roof Set  
Includes:  
1 x Dormer Roof Right  
1 x Dormer Roof Left

### Hardware

12 x **S30** #8 x 1-1/6" Wood Screw  
4 x **S0** #8 x 7/8" Truss Screw  
4 x **S3** #8 x 2-1/2" Wood Screw

### Other Parts

2 x Narrow Angle Bracket

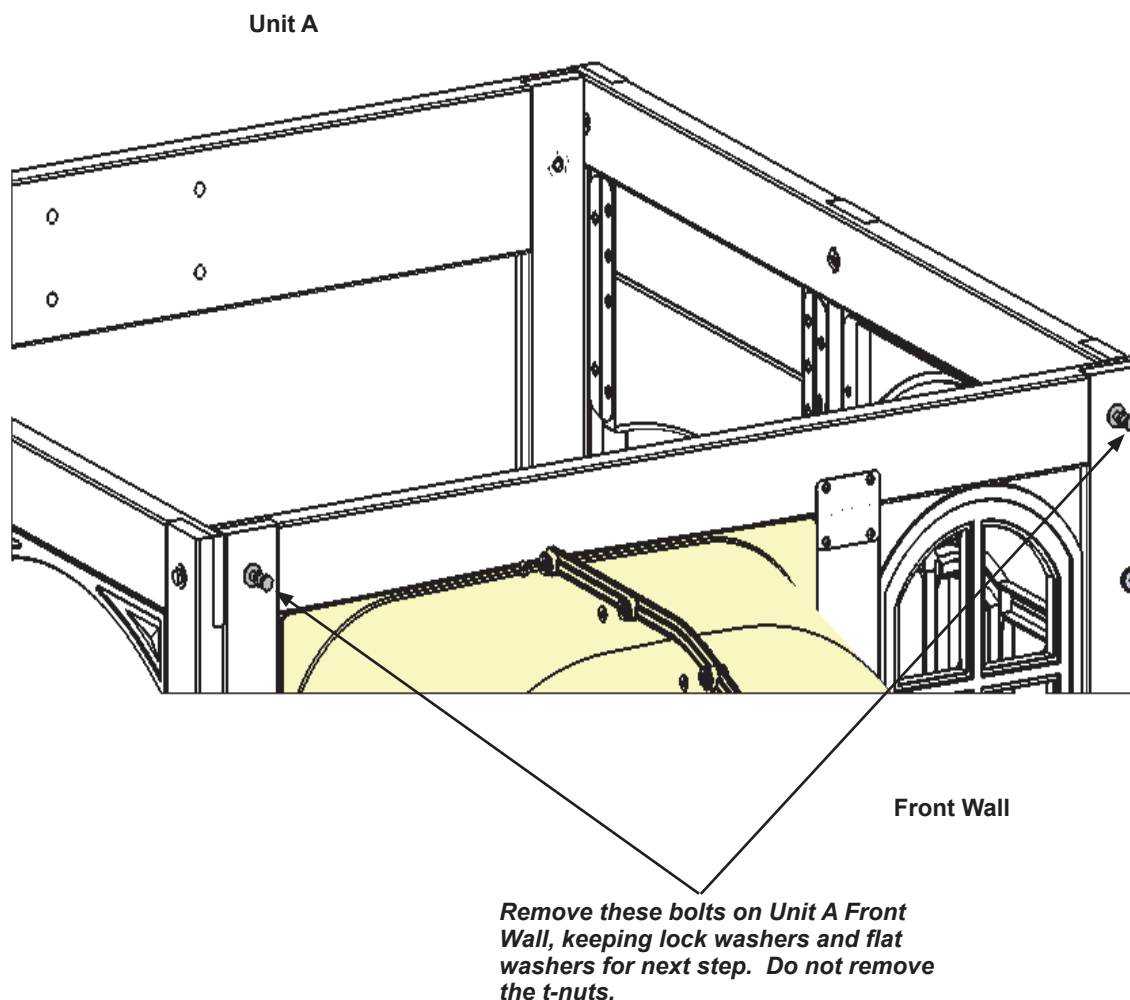
## Step 43: Attach Roof Ends

### Part 1 - Unit A Front Wall



**A:** On the Front Wall of Unit A remove the 2 outside (H9) 1/4 x 1-1/4" Hex Bolts attached at the top of the assembly from Step 2, Part 2. Leave the T-nuts in. The Flat Washers and Lock Washers will be used in Step B. (fig. 43.1)

**Fig. 43.1**



## Step 43: Attach Roof Ends Part 2 - Unit A Front Wall



**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) 1/4 x 2-1/2" 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. 43.2, 43.3 and 43.4)

Fig. 43.2

Unit A

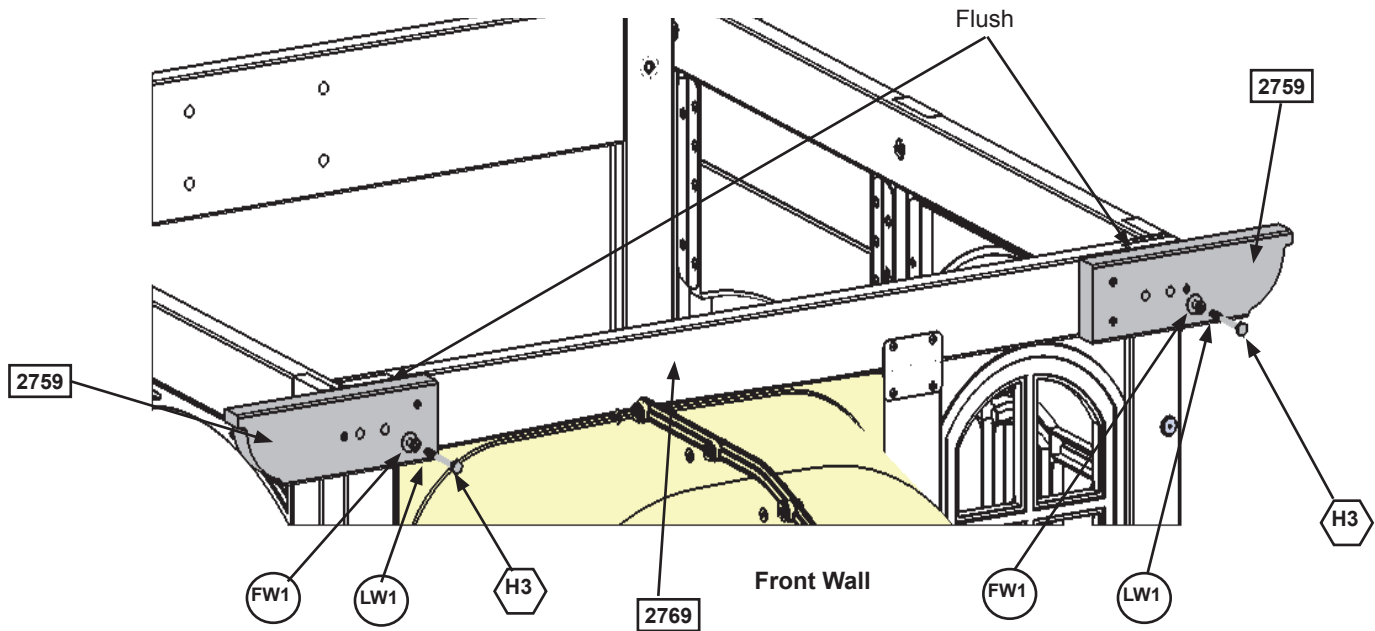


Fig. 43.3

Left Side

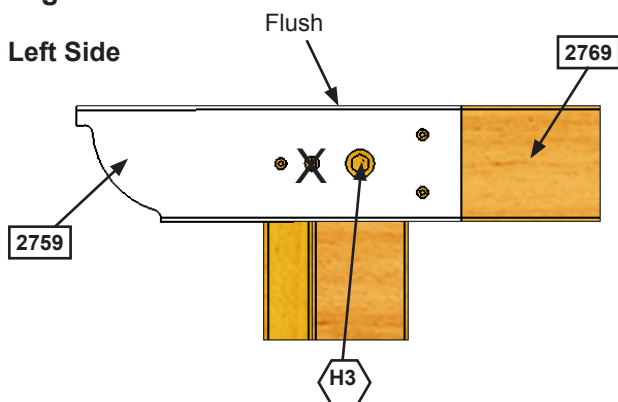
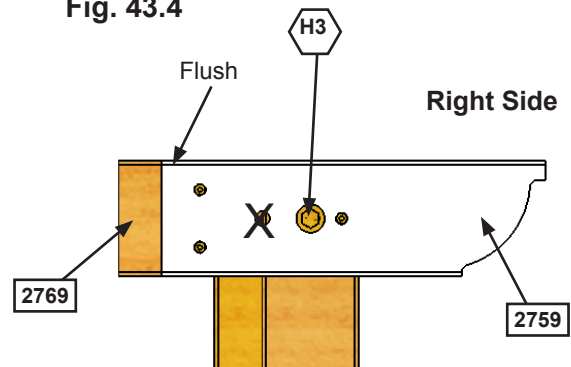


Fig. 43.4

Right Side



Keep bolts loose

### Wood Parts

2 x 2759 Roof End 1-1/4 x 3 x 10"

### Hardware

2 x H3 1/4 x 2-1/2" Hex Bolt



Step 43: Attach Roof Ends  
Part 3 - Unit A Front Wall



C: Measure overhang so it is 4-7/8" then attach (2759) Roof Ends with 2 (S11) #8 x 2" Wood Screws and 1 (S3) #8 x 2-1/2" Wood Screw per side. Tighten the bolts. (fig. 43.5, 43.6 and 43.7)

Fig. 43.5  
Top View

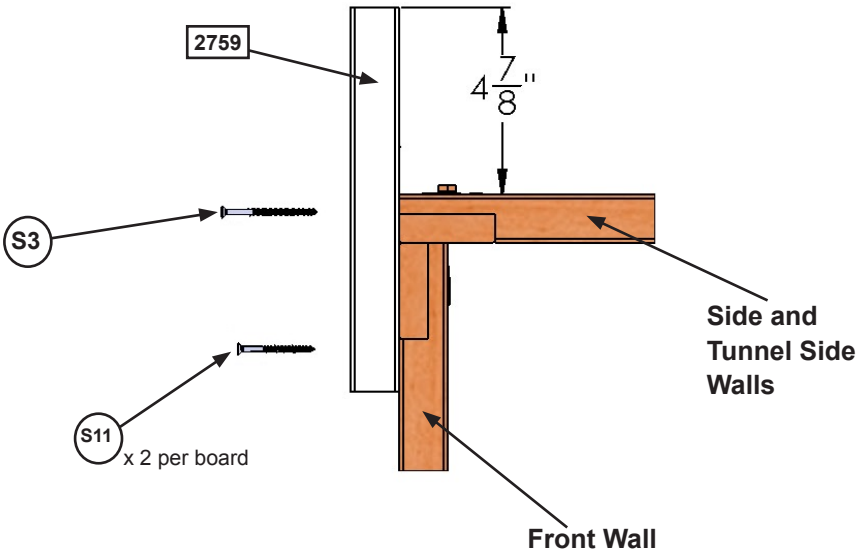


Fig. 43.6  
Left Side

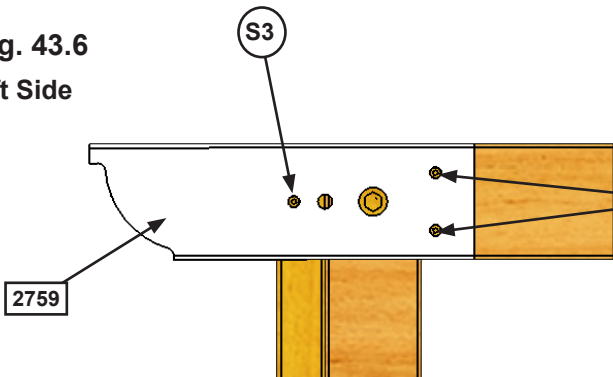
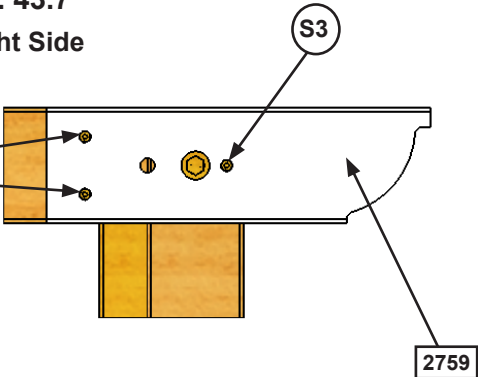


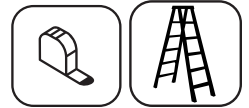
Fig. 43.7  
Right Side



Hardware

- 2 x (S3) #8 x 2-1/2" Wood Screw
- 4 x (S11) #8 x 2" Wood Screw

## Step 43: Attach Roof Ends Part 4 - Unit A Swing Wall



**D:** Attach 1 (2759) Roof End to each corner of the Swing Wall, flush to the top of (2630) SW Wall and overhanging 4-7/8" then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S3) #8 x 2-1/2" Wood Screw per (2759) Roof End. Notice which holes are to be used. (fig. 43.8, 43.9, and 43.10)

Fig. 43.8

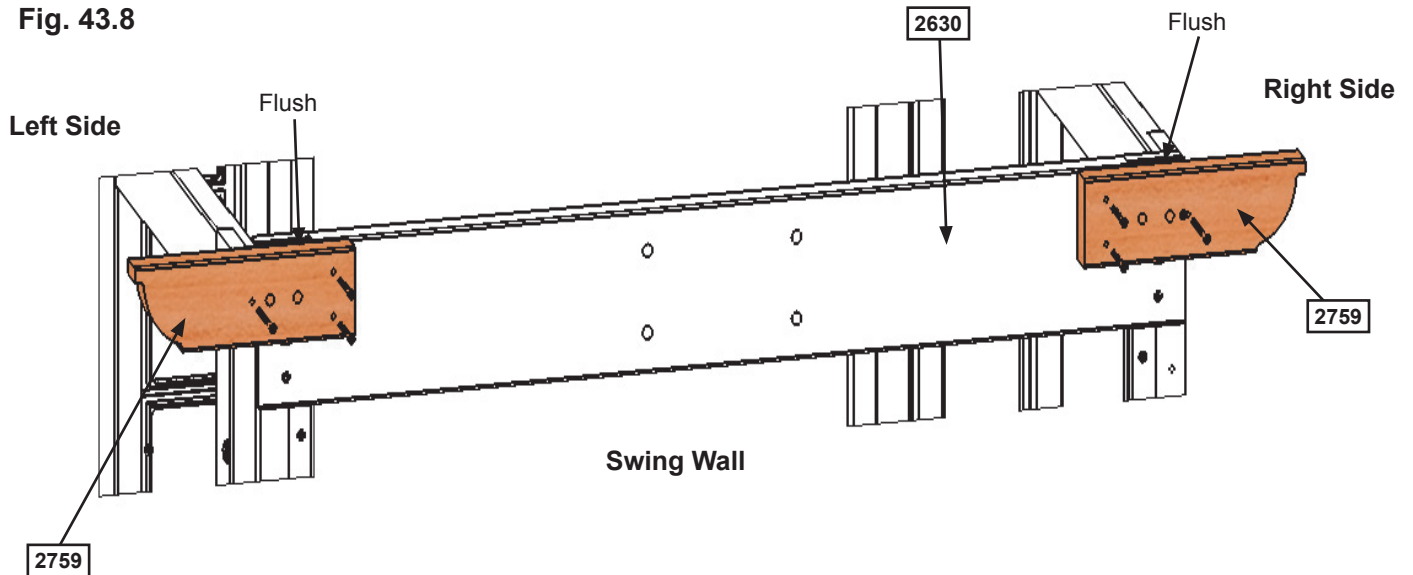


Fig. 23.9  
Left Side

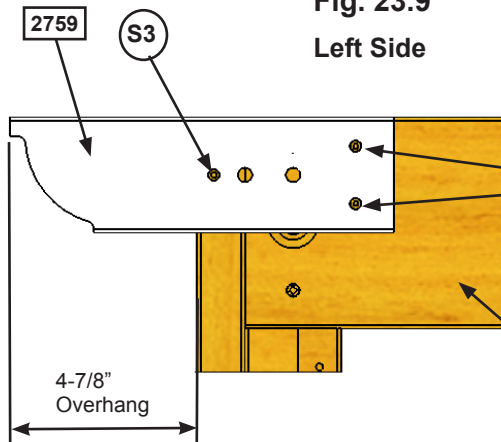
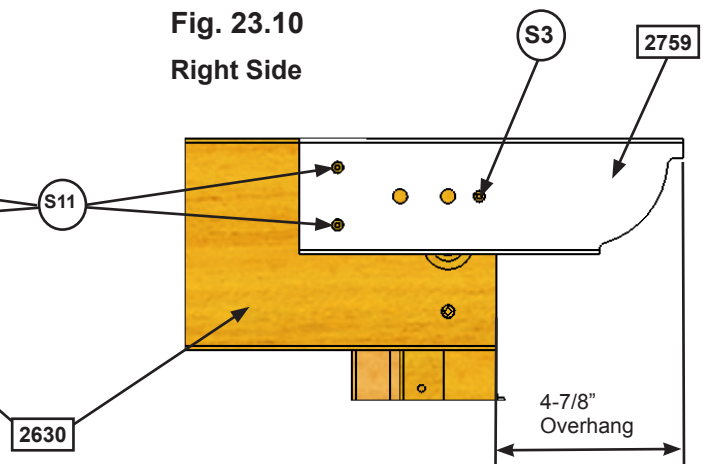


Fig. 23.10  
Right Side



### Wood Parts

2 x 2759 Roof End 1-1/4 x 3 x 10"

### Hardware

2 x S3 #8 x 2-1/2" Wood Screw

4 x S11 #8 x 2" Wood Screw

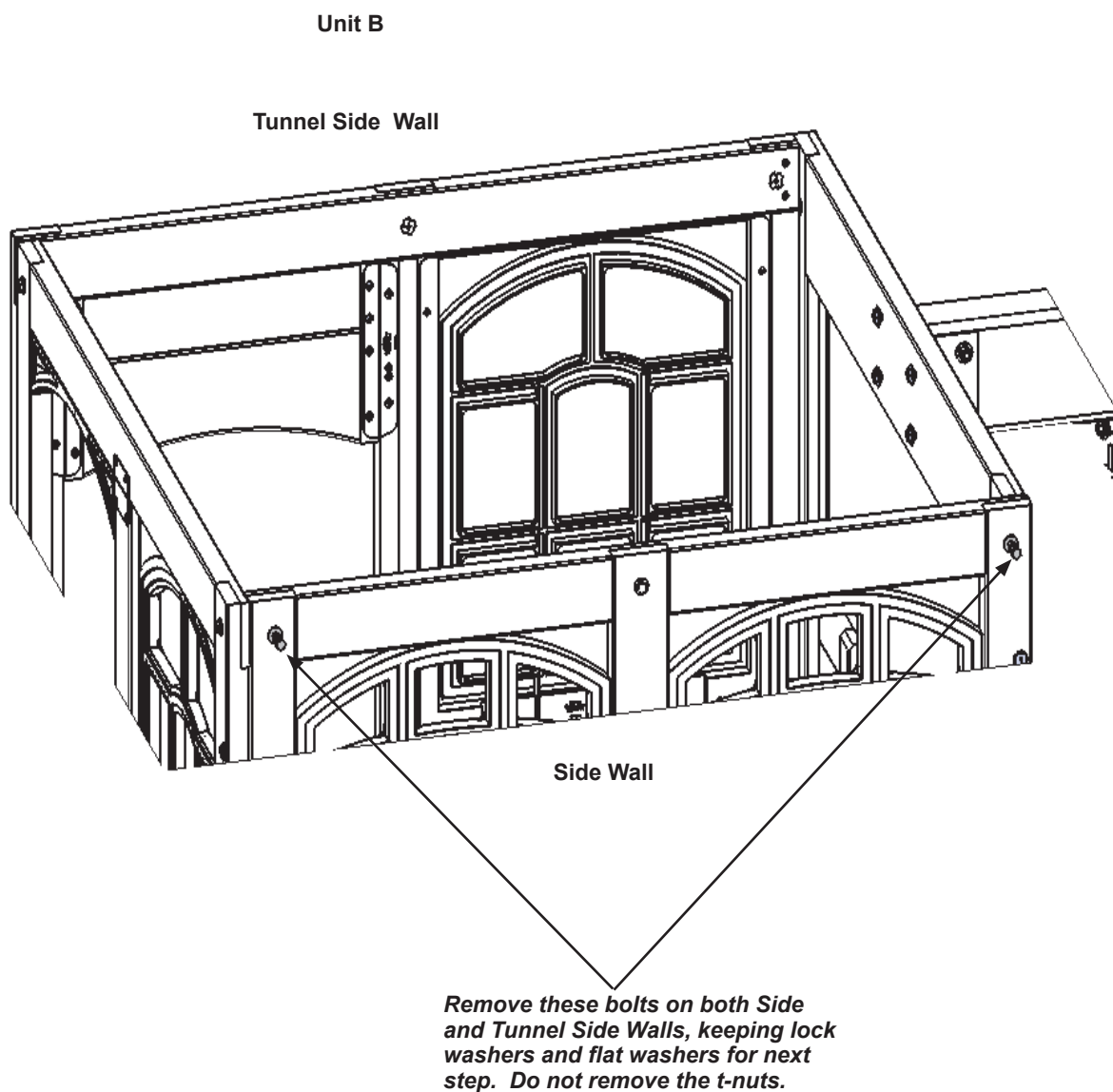
## Step 44: Attach Roof Ends

### Part 1 - Unit B Side and Tunnel Side Walls



**A:** On the Side and Tunnel Side Walls of Unit B remove the 4 outside (H9) 1/4 x 1-1/4" Hex Bolts attached at the top of the assembly from Step 1, Part 2. Leave the T-nuts in. The Flat Washers and Lock Washers will be used in Step B. (fig. 44.1)

Fig. 44.1



## Step 44: Attach Roof Ends

### Part 2 - Unit B Side and Tunnel Side Walls



**B:** Loosely attach 1 (2759) Roof End to each corner of the Side and Tunnel Side Walls, flush to the top of (2775) Panel Cross Supports, with 1 (H3) 1/4 x 2-1/2" Hex Bolt per board, using the Flat Washer and Lock Washer from Step A and connecting to the T-nut. Notice which bolt holes are to be used. (fig. 44.2, 44.3 and 44.4)

Fig. 44.2

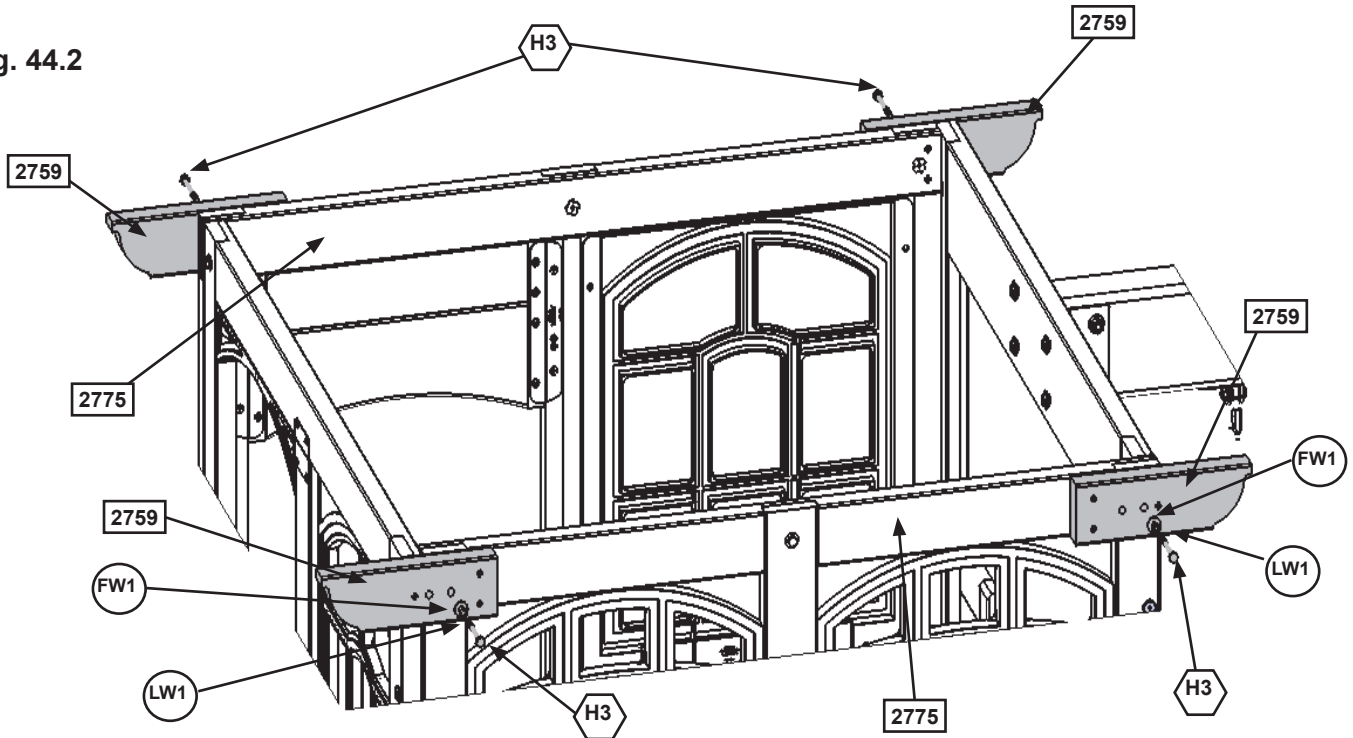


Fig. 44.3

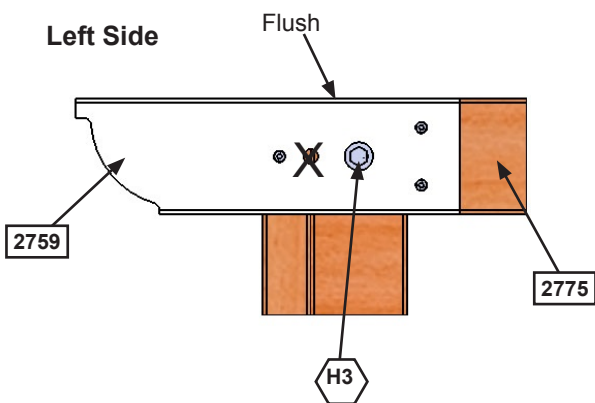
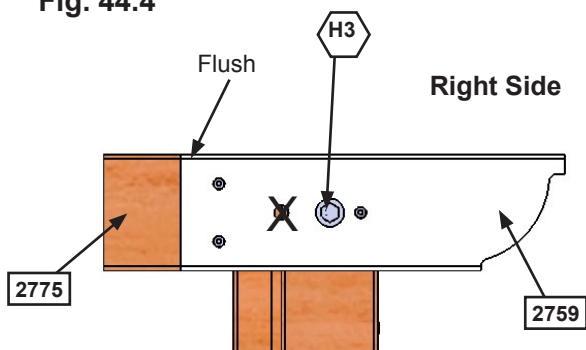


Fig. 44.4



*Keep bolts loose*

#### Wood Parts

4 x 2759 Roof End 1-1/4 x 3 x 10"

#### Hardware

4 x H3 1/4 x 2-1/2" Hex Bolt

Step 44: Attach Roof Ends  
Part 3 - Unit B Side and Tunnel Side Walls



C: Measure overhang so it is 4-7/8" then attach (2759) Roof Ends with 2 (S11) #8 x 2" Wood Screws and 1 (S3) #8 x 2-1/2" Wood Screw per corner. Tighten the bolts. (fig. 44.5, 44.6 and 44.7)

Fig. 44.5  
Top View

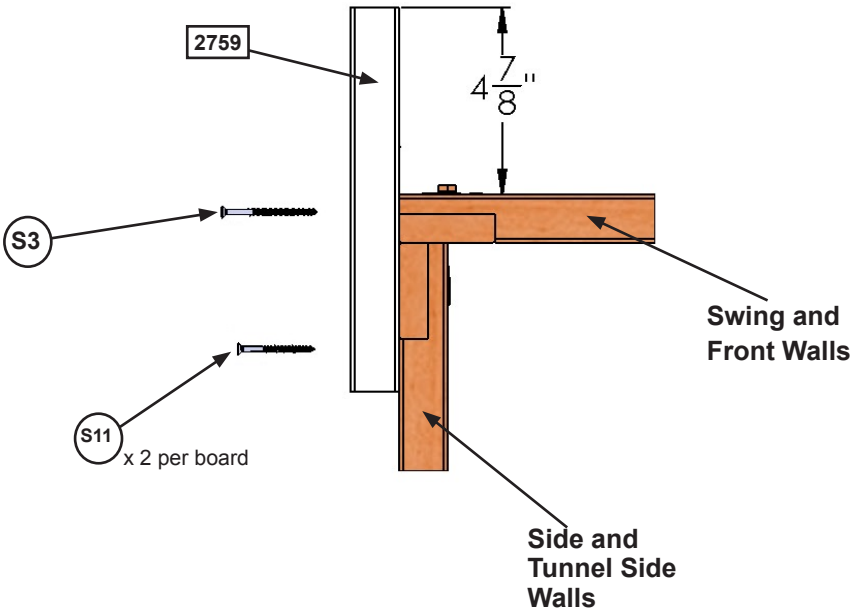


Fig. 44.6  
Left Side

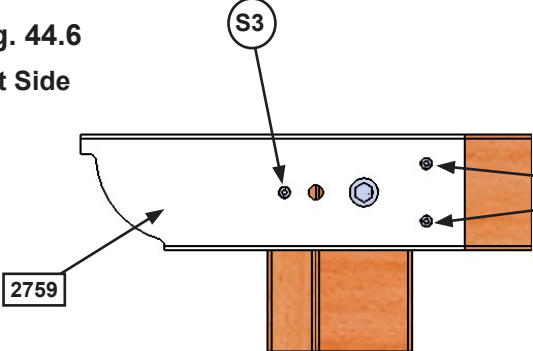
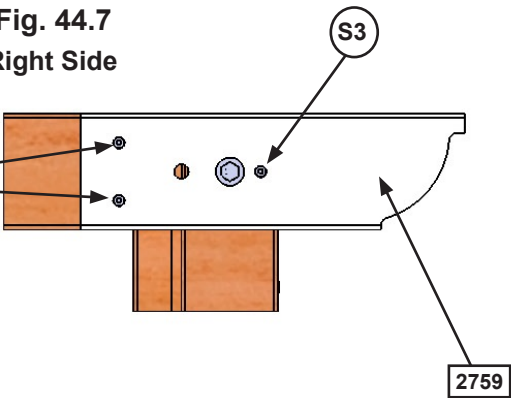


Fig. 44.7  
Right Side



Hardware

- 4 x S3 #8 x 2-1/2" Wood Screw
- 8 x S11 #8 x 2" Wood Screw

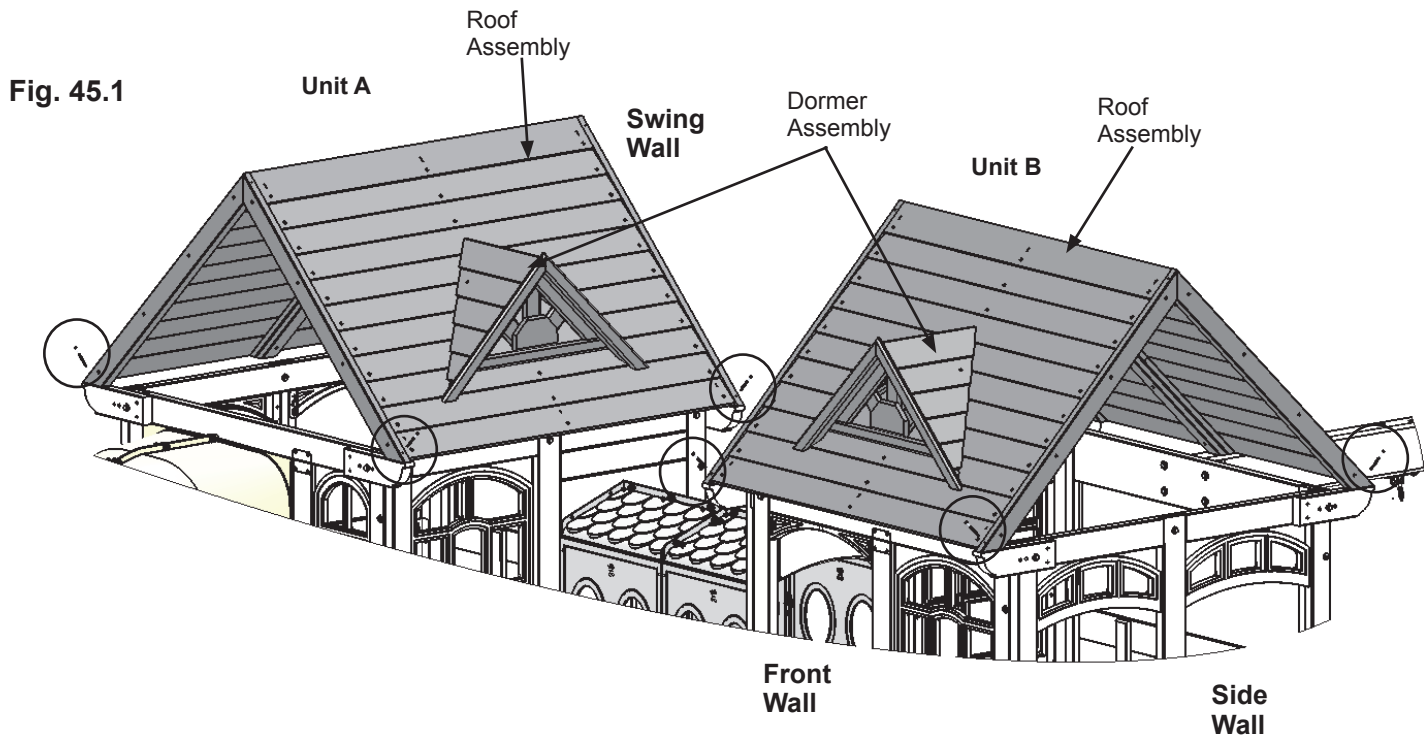
## Step 45: Attach Roof Assemblies to Fort



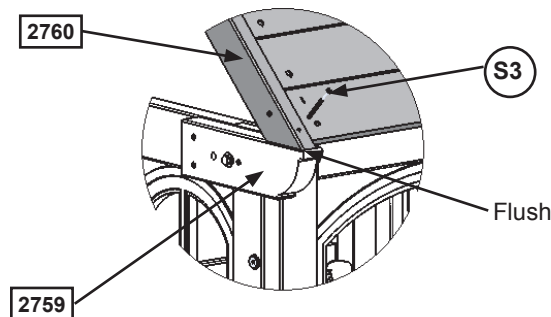
**A:** With 2 people on the ground and at least 1 person in Unit A, lift 1 Roof Assembly up and over the Swing Wall side of the fort. Guide the Roof Assembly onto the fort so all four (2760) Roof Supports sit flush to the front and outside edges of (2759) Roof Ends. Dormer Assembly faces Unit B. (fig. 45.1 and 45.2)

**B:** Attach (2760) Roof Supports to (2759) Roof Ends with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 45.1 and 45.2)

**C:** Repeat A and B for Unit B lifting it over the Side Wall so the Dormer Assembly faces the Front. (fig. 45.1 and 45.2)



**Fig. 45.2**



### Hardware

8 x **S3** #8 x 2-1/2" Wood Screw



## Step 46: Sunburst Assemblies



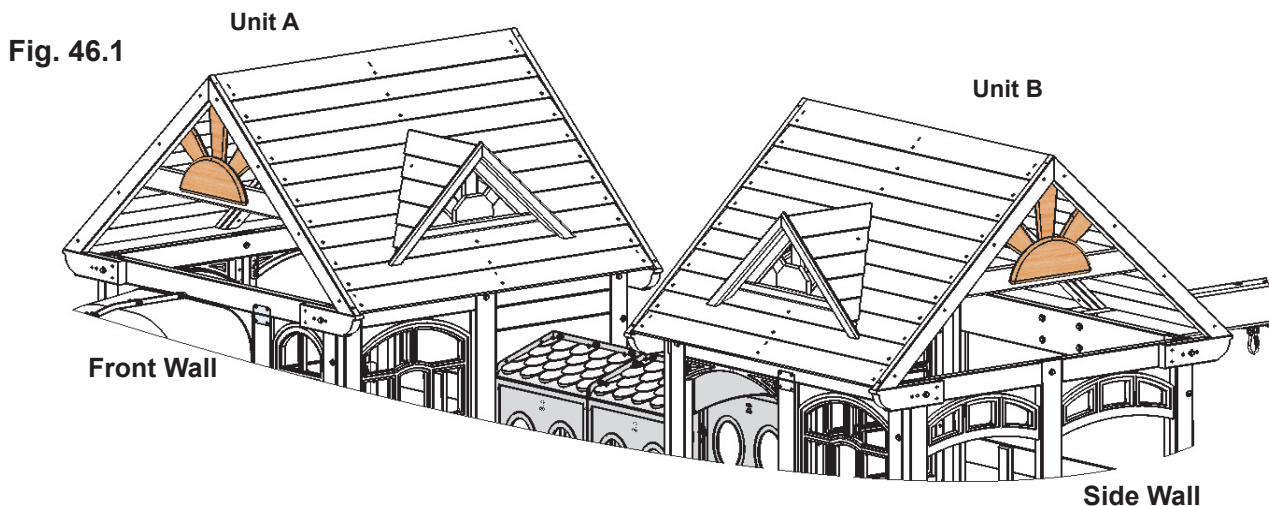
**A:** From inside Unit A place 1 (9082) MOD Sunburst Bottom against the (2760) Roof Supports on the Roof Assembly opening on the Front Wall. Make sure it sits tight to the Roof Assembly on each side then attach with 2 (S20) #8 x 1-3/8" Wood Screws. (fig. 46.1 and 46.2)

**B:** Centre (8305) Starburst Centre lengthway on the outside of (9082) MOD Sunburst Bottom then measure 1-1/4" up from the bottom of (9082) Sunburst Bottom and attach (8305) Starburst Centre with 2 (S20) #8 x 1-3/8" Wood Screws. (fig. 46.1 and 46.3)

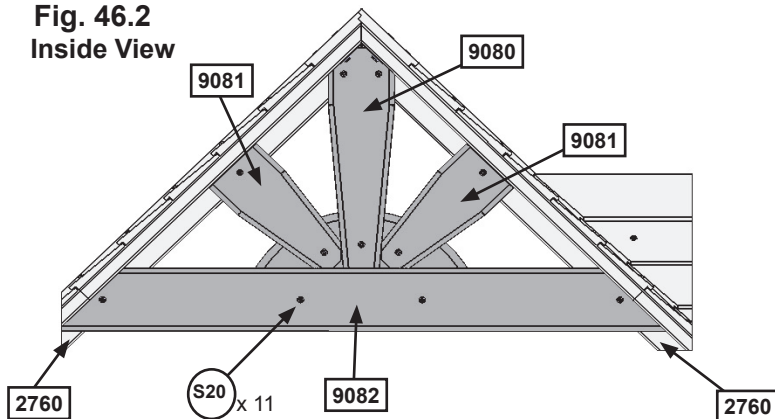
**C:** On the inside of the assembly place (9080) MOD Sunburst A tight to the top of (9082) MOD Sunburst Bottom so the tip is centred at the peak of the Roof Assembly then attach to each (2760) Roof Support and (8305) Starburst Centre with 3 (S20) #8 x 1-3/8" Wood Screws. (fig. 46.1 and 46.2)

**D:** Place 1 (9081) MOD Sunburst B tight to each side of (9080) MOD Sunburst A and tight to the top of (9082) MOD Sunburst Bottom then attach to each (2760) Roof Support and (8305) Starburst Centre with 2 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 46.1 and 46.2)

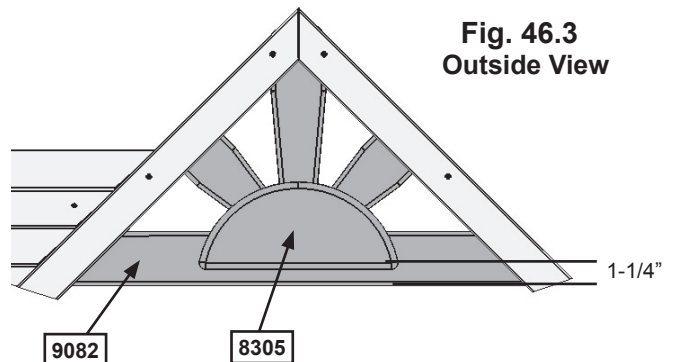
**E:** Repeat Steps A - D on Unit B Roof Assembly for the opening on the Side Wall.



**Fig. 46.2**  
Inside View



**Fig. 46.3**  
Outside View



### Wood Parts

4 x	9082	MOD Sunburst Bottom 1 x 4 x 30"
4 x	8305	Starburst Centre 5/4 x 6 x 12"
8 x	9081	MOD Sunburst B 1 x 4 x 7-1/4"
4 x	9080	MOD Sunburst A 1 x 4 x 11-1/2"

### Hardware

44 x	(S20)	#8 x 1-3/8" Wood Screw
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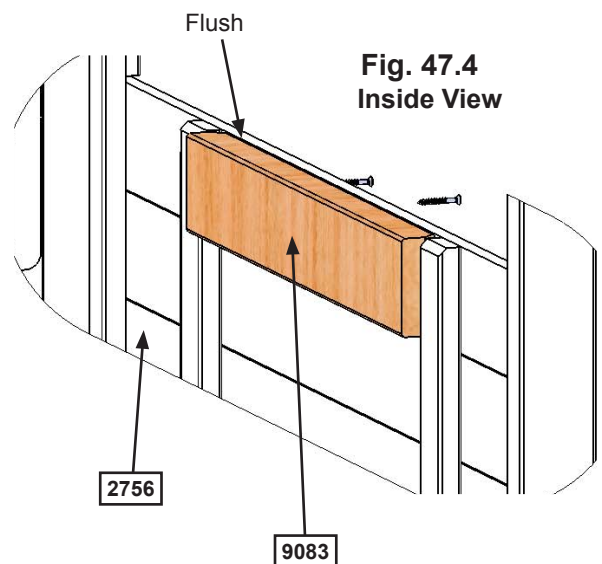
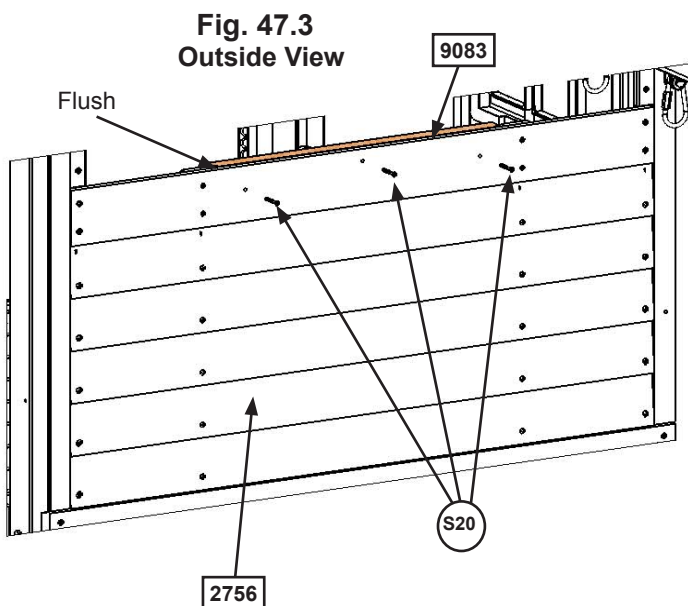
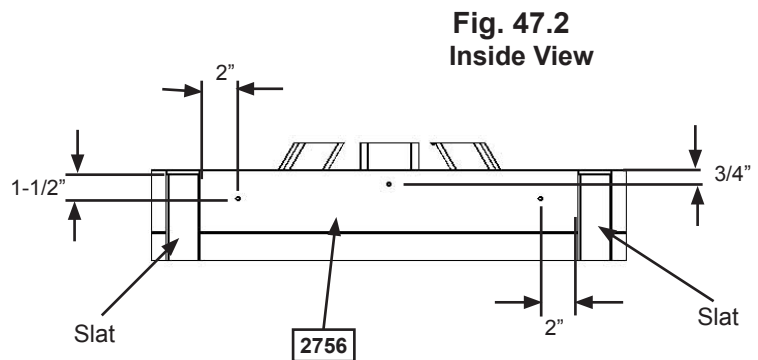
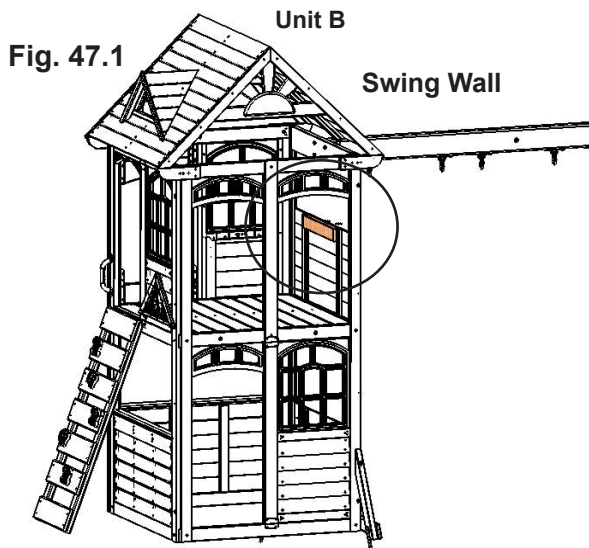
# Step 47: Attach Steering Wheel Part 1



**A:** On the Swing Wall of Unit B measure 2" in from each slat and 1-1/2" down from the top of (2756) Siding Assembly then pre-drill 2 holes with a 3/16" drill bit. (fig. 47.1, 47.2 and 47.3)

**B:** Centred between the first 2 pre-drilled holes measure 3/4" down and pre-drill a third hole. (fig. 47.1 and 47.2)

**C:** Place (9083) Steering Wheel Block on the inside and flush to the top of (2756) Siding Assembly and covering the pre-drilled holes then attach from the outside through the pre-drilled holes with 3 (S20) #8 x 1-3/8" Wood Screws. (fig. 47.3 and 47.4)



## Wood Parts

1 x 9083 Steering Wheel Block 1-1/4 x 3 x 19-1/4"

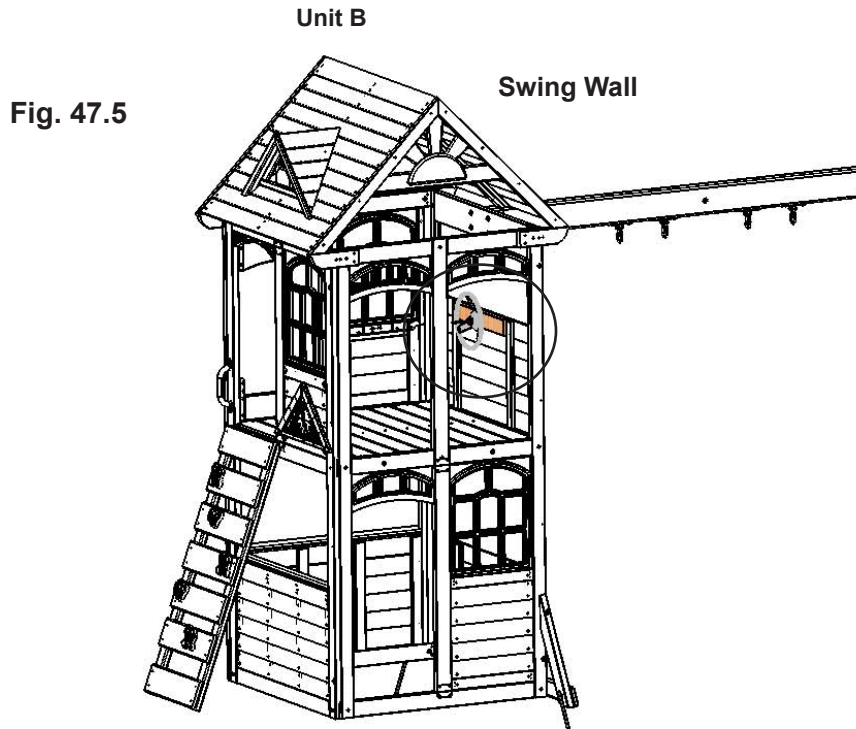
## Hardware

3 x S20 #8 x 1-3/8" Wood Screw

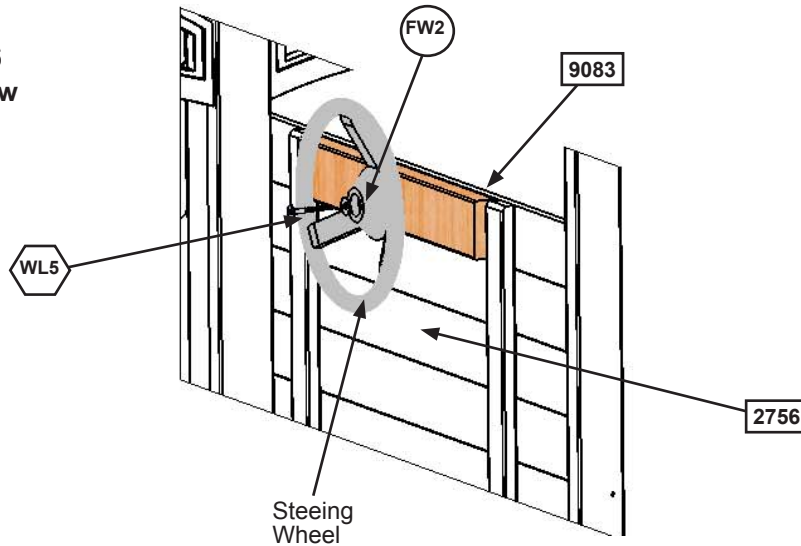
## Step 47: Attach Steering Wheel Part 2




**D:** Place Steering Wheel on the inside of (2756) Siding Assembly then pre-drill with a 1/8" drill bit. Attach Steering Wheel to (2756) Siding Assembly and (9083) Steering Wheel Block with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with 5/16" flat washer). (fig. 47.5 and 47.6)



**Fig. 47.6**  
Inside View



### Hardware

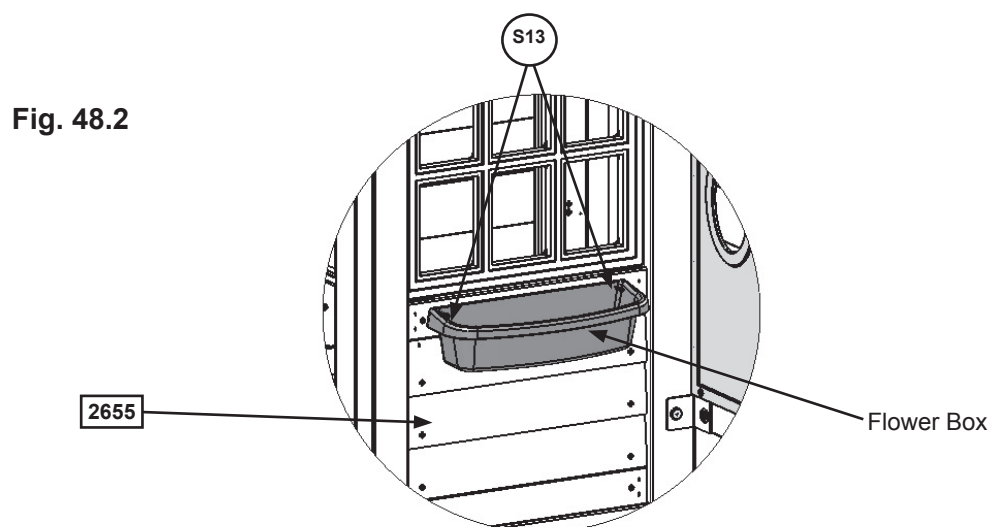
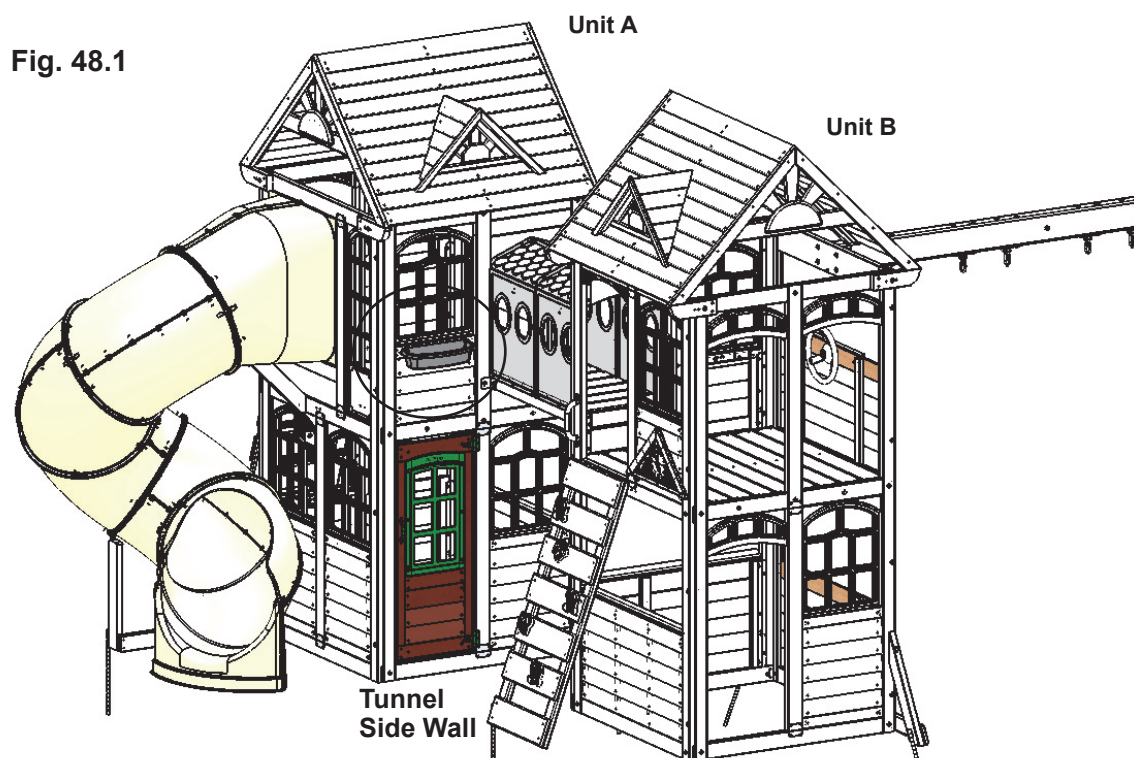
1 x  1/4 x 2-1/2" Wafer Lag  
(5/16" flat washer)

### Other Parts

1 x Steering Wheel

## Step 48: Attach Flower Box

**A:** On the Tunnel Side Wall on Unit A place 1 Flower Box on (2655) Upper Window Insert centred under the window then attach with 2 (S13) #6 x 5/8" Pan Screws. (fig. 48.1 and 48.2)



### Hardware

2 x (S13) #6 x 5/8" Pan Screw

### Other Parts

1 x Flower Box

## Step 49: Attach Slides to Fort



**A:** Place 1 Slide in the centre of each opening of the Side Wall on Unit B, pre-drill with a 1/8" drill bit then attach each slide to fort through the (2772) Panel Floor Support using 3 (S7) #12 x 2" Pan Screws per slide. (fig. 49.1, 49.2 and 49.3)

Fig. 49.1

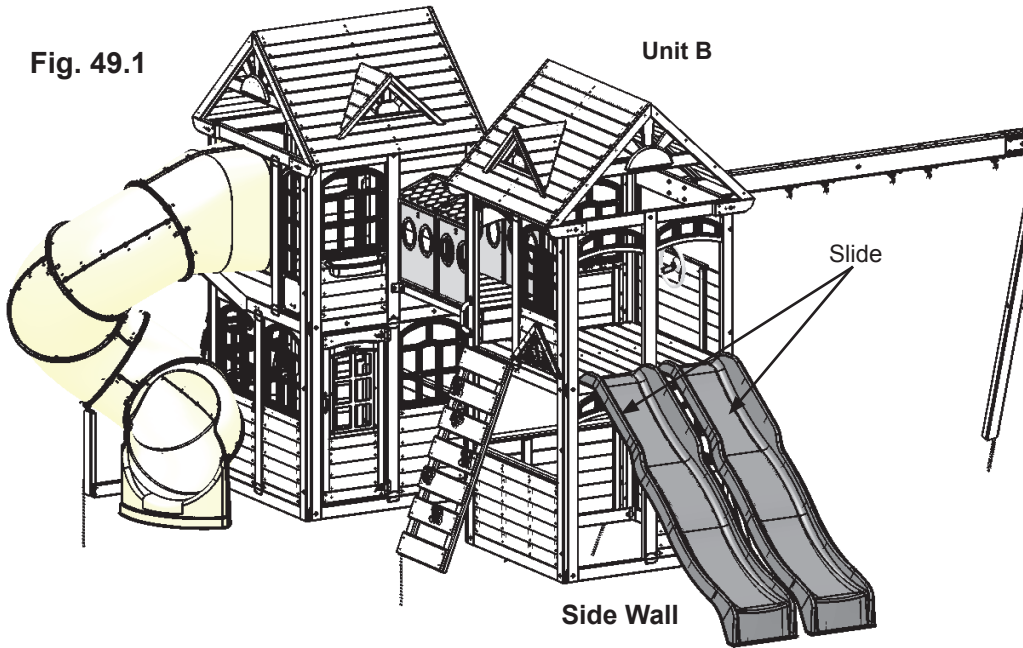


Fig. 49.2

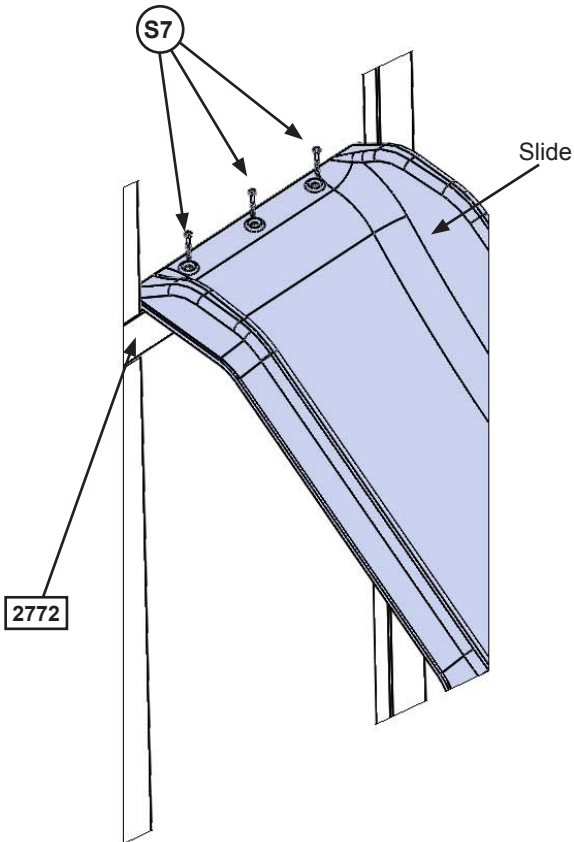
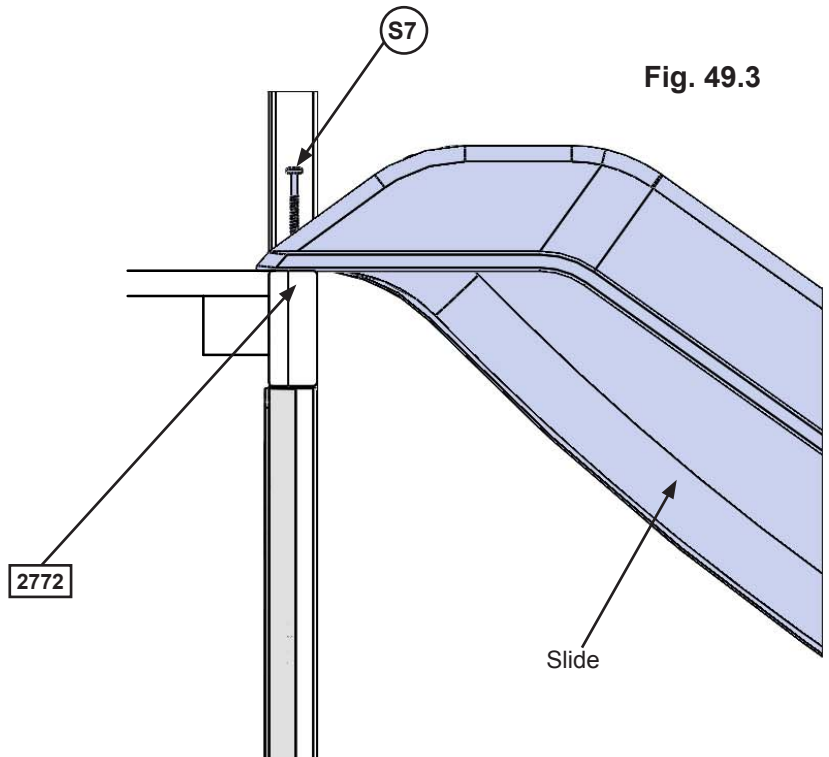


Fig. 49.3



### Hardware

6 x (S7) #12 x 2" Pan Screw

### Other Parts

2 x Slide



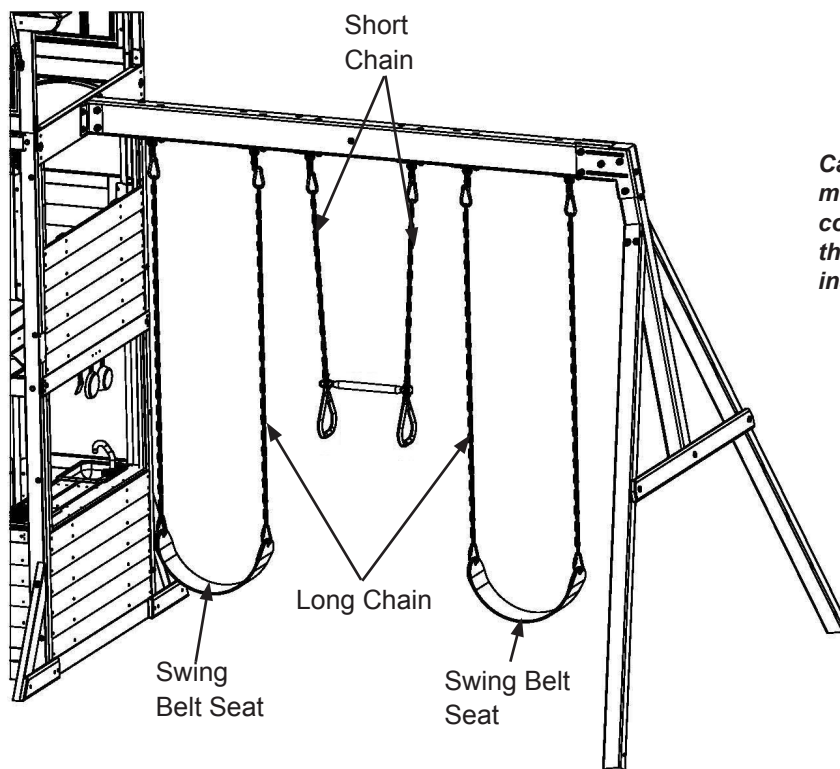
## Step 50: Attach Belt Swings and Acro Swing

**A:** Using 1 Threaded Quick Link per chain, join 1 Long Swing Chain to each side of the Swing Belt Seat. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (fig. 50.1 and 50.2).

**B:** Using 1 Threaded Clip per chain, join the Short Swing Chain to the Acro Bar and Acro Handle. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 50.2 and 50.3)

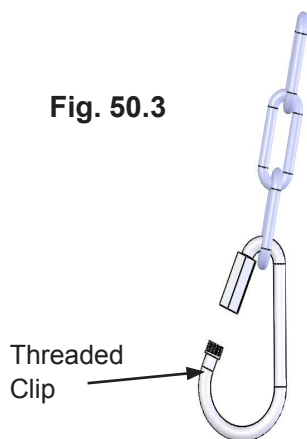
**C:** Attach the other end of the swing chains to the Spring Loaded Quick Links attached to the Heavy Duty Swing Hangers. (fig. 50.1)

Fig. 50.1



**Caution:** Threaded Quick Links must be installed with the gate completely down covering the threads and tighten as instructed. (fig. 50.2)

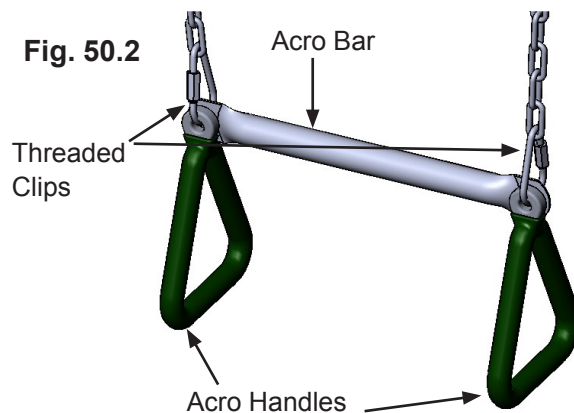
Fig. 50.3



Threaded Quick Links attach to seat and Acro bar.

Tighten Threaded Quick Link using adjustable wrench

Fig. 50.2

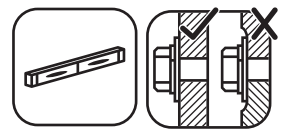


### Other Parts

- 1 x Acro Bar
- 2 x Acro Handle
- 2 x Swing Belt Seat
- 2 x Short Chain
- 4 x Long Chain
- 6 x Threaded Quick Link



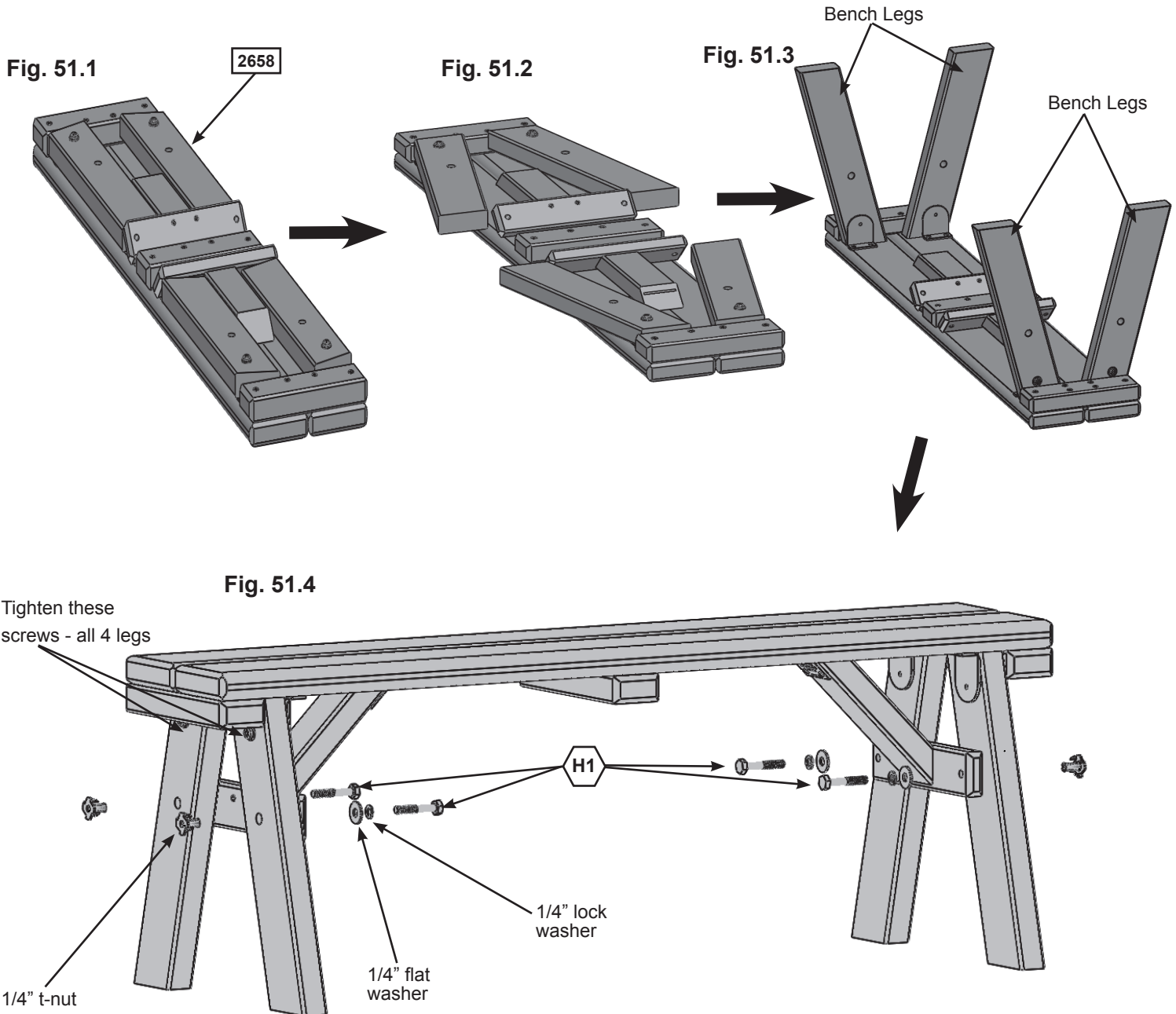
## Step 51: Bench Assembly



**A:** Open the (2658) Folding Bench Assembly. (fig. 51.1, 51.2 and 51.3)

**B:** Make sure assembly is level then secure with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 51.4)

**C:** Tighten the top screws in all 4 Bench Legs. (fig. 51.4)



### Wood Parts

1 x 2658 Folding Bench 2-13/32 x 6-3/4 x 34"

### Hardware

4 x H1 1/4 x 1-1/2" Hex Bolt  
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

# Final Step: Attach I.D. Plaque

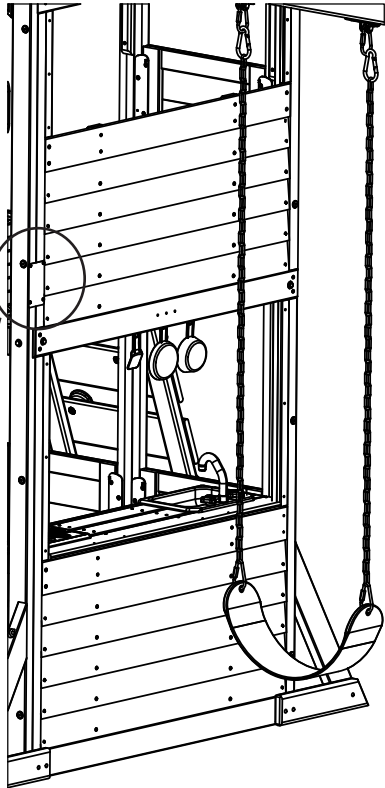
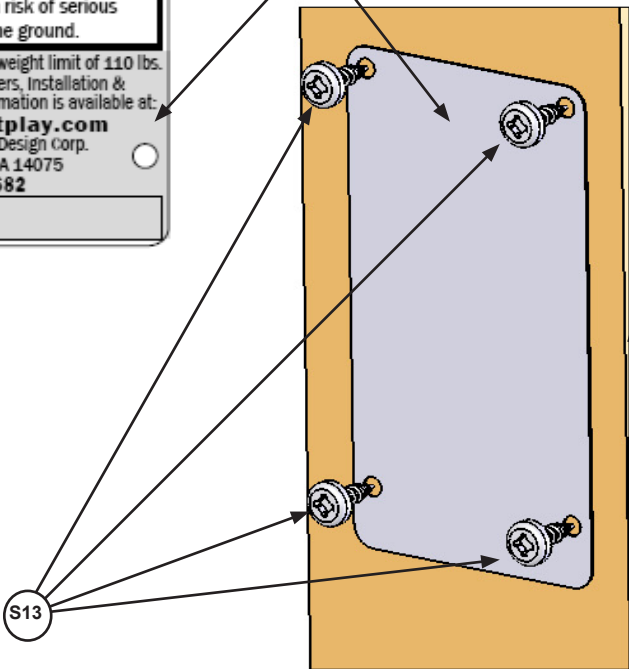
## ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

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 I.D. Plaque - Cedar Summit to a location on your set that is easily seen and read by a supervising adult using 4 (S13) #6 x 5/8" Pan Screws as shown below.

I.D. Plaque - Cedar Summit



### Hardware

4 x (S13) #6 x 5/8" Pan Screw

### Other Parts

1 x I.D. Plaque - Cedar Summit

[illegible]

[illegible]

**CEDAR SUMMIT**  
**Consumer Registration Card**

First Name

Initial

Last Name

--	--	--

Street

Apt. No.

--	--

City

State/Province    ZIP/Postal Code

--	--	--

Country

Telephone Number

--	--

E-Mail Address

--

Model Name

Model Number    (Box Labels)

--	--

Serial Number (on ID Plaque)

--

Date Purchase

Purchased From

--	--

MM / DD / YY

How would you rate this product for quality?

☐ Excellent      ☐ Very Good      ☐ Average      ☐ Below Average      ☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent      ☐ Very Good      ☐ Average      ☐ Below Average      ☐ Poor

How would you rate our instructions?

☐ Excellent      ☐ Very Good      ☐ Average      ☐ Below Average      ☐ Poor

How would you rate the quality of packaging?

☐ Excellent      ☐ Very Good      ☐ Average      ☐ Below Average      ☐ Poor

Would you recommend the purchase of our products to friends and family?

☐ Yes      ☐ No

Comments:

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**MAIL TO:**

Solowave Design™  
375 Sligo Road W.  
Mount Forest, Ontario, Canada  
N0G 2L0  
Attention: Customer Service



**Online Parts Replacement and Warranty Registration:**

[www.cedarsummitplay.com/parts-center-warranty-claim/](http://www.cedarsummitplay.com/parts-center-warranty-claim/)

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

