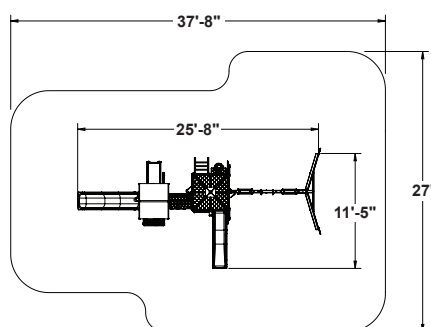


# Cliff View Swing Set and Activity Center – F24846

## INSTALLATION AND OPERATING INSTRUCTIONS



### WARNING

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

any future owner of this play system. Manufacturer contact information provided below.

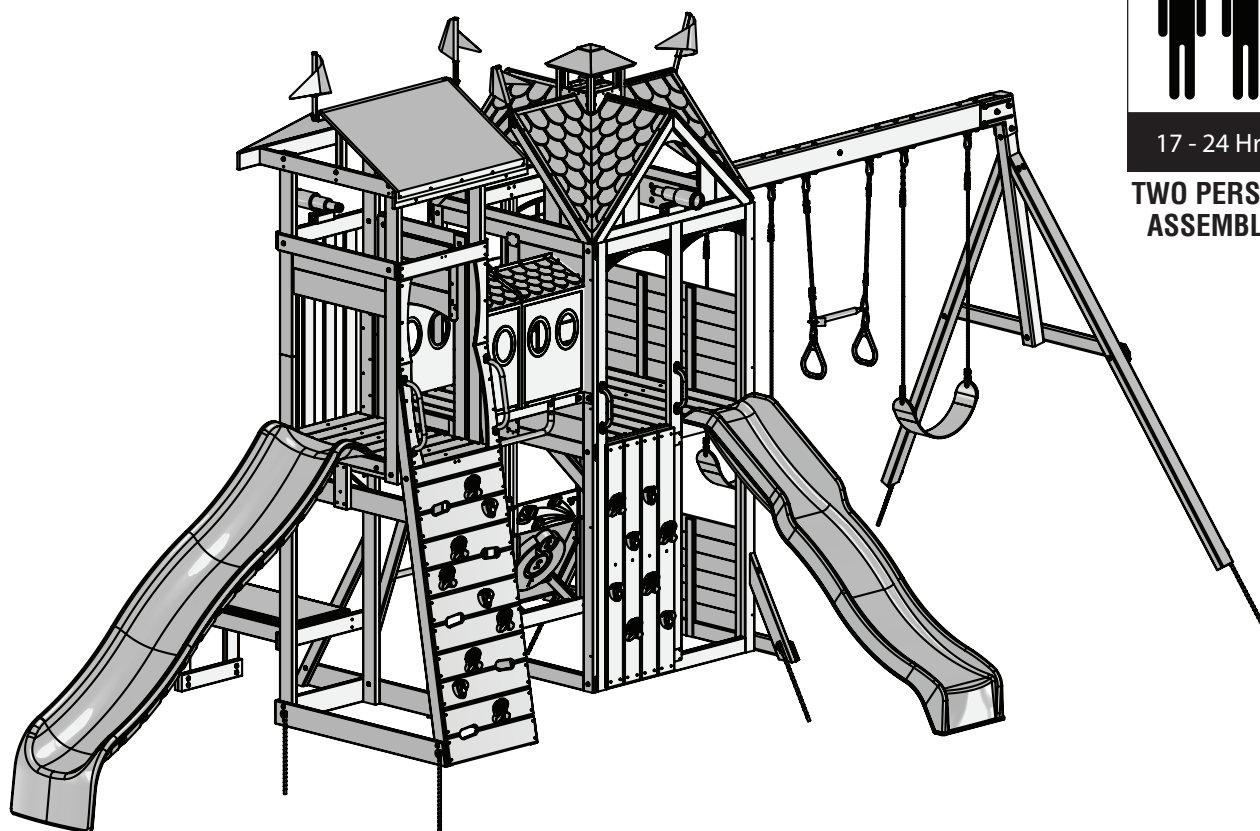
OBSTACLE FREE SAFETY ZONE - 37'8" x 27' area requires Protective Surfacing. See page 3.

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

CAPACITY - 15 Users Maximum. Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

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

Warning. Only for domestic use.



KidKraft, Inc.  
4630 Olin Road  
Dallas, Texas 75244 USA  
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1.800.933.0771  
972.385.0100  
For online parts replacement visit  
<https://parts.kidkraft.com/>

KidKraft Netherlands BV  
Olympisch Stadion 29  
1076DE Amsterdam  
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europecustomerservice@kidkraft.com  
+31 20 305 8620 M-F from 09:00 to 17:30  
(GMT+1)  
For online parts replacement visit  
<https://parts.kidkraft.eu/>

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Step-By-Step Instructions.....	pg. 22-126
Installation of I.D./Warning Plaque .....	Final Step

## Warnings and Safe Play Instructions



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



### WARNING

#### SERIOUS HEAD INJURY HAZARD

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

#### COLLISION HAZARD

Place play-set on level ground at least 2m from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

#### CHOKING HAZARD/SHARP EDGES & POINTS

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

#### WARNING LABEL

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

#### STRANGULATION HAZARD

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

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

#### TIP OVER HAZARD

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

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

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



## WARNING – Safe Play Instructions

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



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

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

## Loose-Fill Materials

- Maintain a minimum depth of 9 inches 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

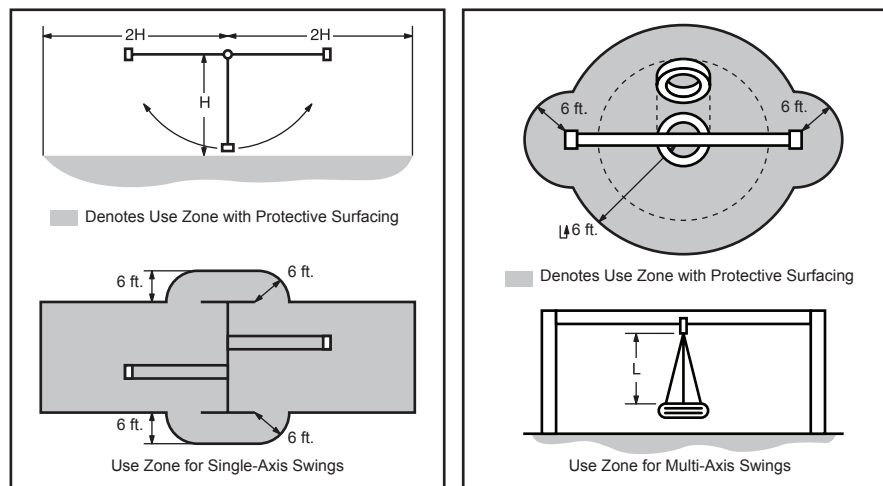
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- 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;

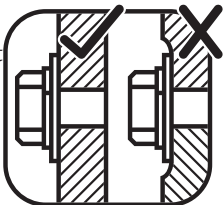
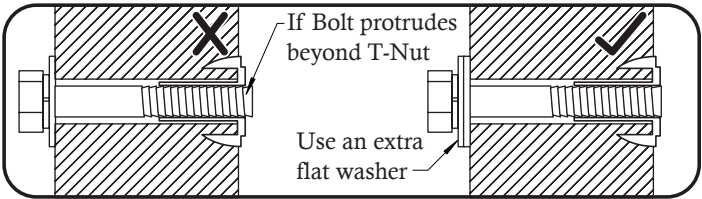
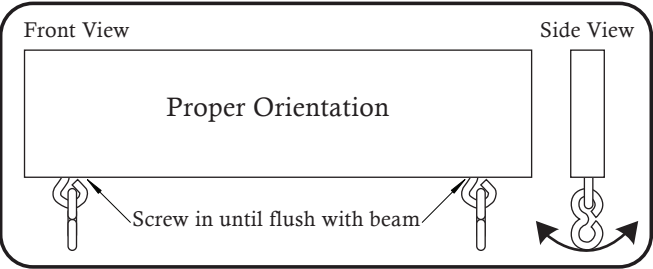
- Extend surfacing at least 2m from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.



# Instructions for Proper Maintenance

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

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

<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>If Bolt protrudes beyond T-Nut</p> <p>Use an extra flat washer</p> <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 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>Front View</p> <p>Side View</p> <p>Proper Orientation</p> <p>Screw in until flush with beam</p> <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

KidKraft Premium Play Systems uses 100% FSC wood. 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, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product).

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

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

## 5 Year Limited Warranty

KidKraft 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. 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.

KidKraft 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.

Kidkraft 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 KidKraft 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.

KidKraft 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.

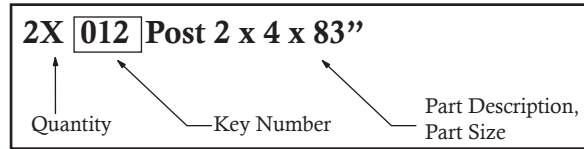
# Keys to Assembly Success

## Tools Required

<ul style="list-style-type: none"> <li>• Tape Measure</li> <li>• Carpenter's Level</li> <li>• Carpenter's 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" &amp; 7/16" sockets)</li> </ul>	<ul style="list-style-type: none"> <li>• Open End Wrench (1/2" &amp; 7/16")</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>• Tape</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.

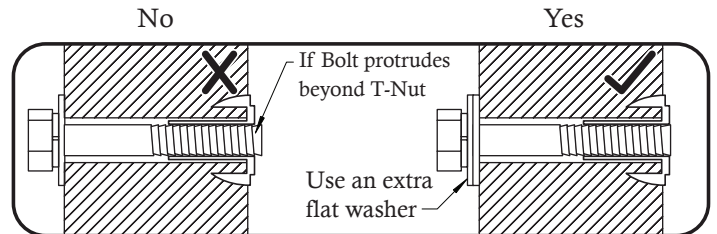
## Symbols

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>Use a measuring tape to assure proper location.</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.

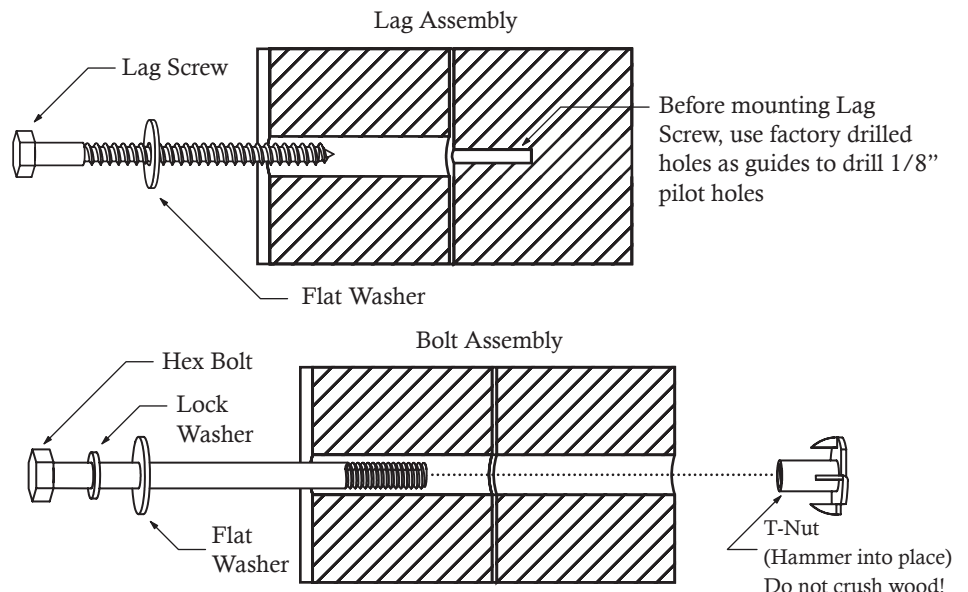


## Proper Hardware Assembly

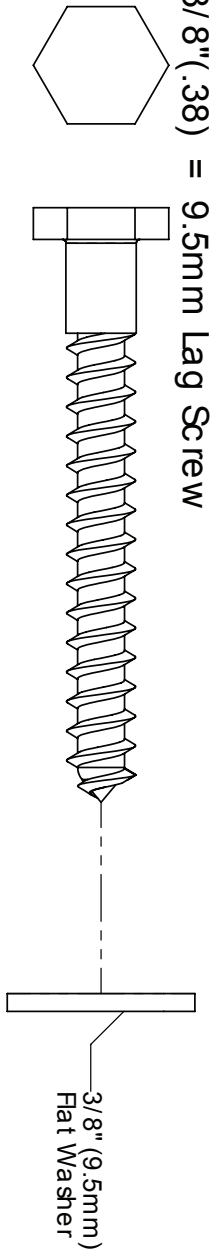
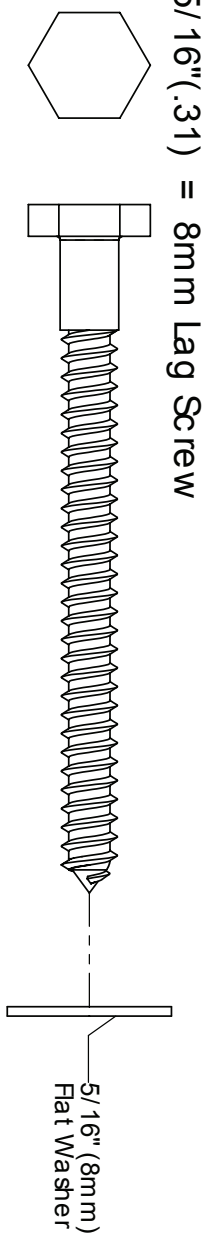
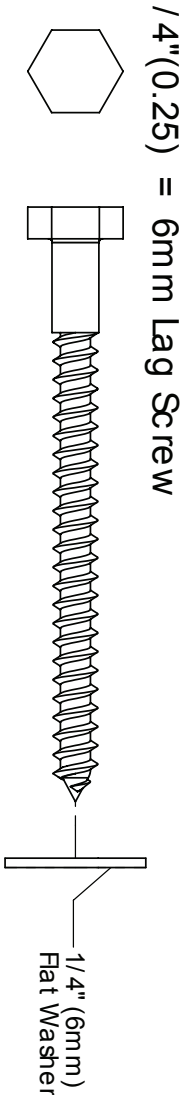
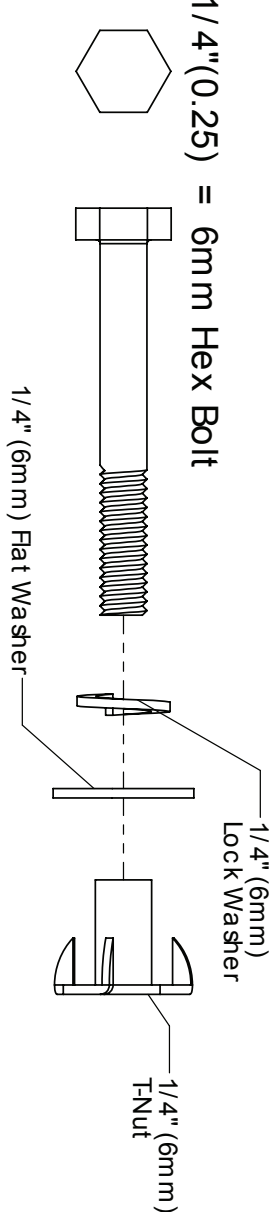
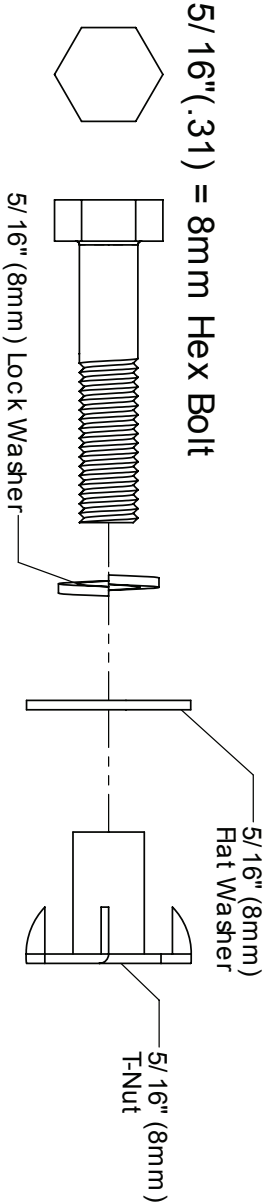
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

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.



# KIDKRAFT HARDWARE



HARDWARE LENGTH CHART		
inches	vs	millimetres
6		152
5½		140
5		127
4½		114
4		102
3½		89
3		76
2½		64
2		51
1½		38
1¼		32
1-1/8		29
1		25.4
7/8		22
3/4		19
1/2		12.7

## DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

## LENGTH CONVERSION

1 inch = 25.4mm

For example:


BOLT LENGTH 4½ (4.5) inches long


4.5 inches x 25.4mm = 114mm long





# Lookout Tower and Swing

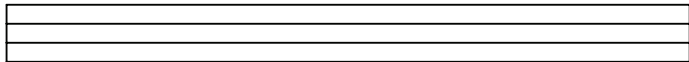
## Part Identification (Reduced Part Size)

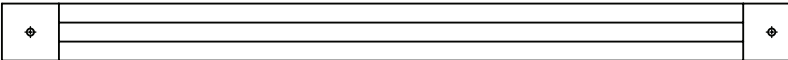
3pc. - **[1578]** - 28.6 x 403.2mm - Dowel -Tennon  
 - Box 1 - 3681578


2pc. - **[2606]** - 23.8 x 82.6 x 362 mm - SW Ground  
 - Box 1 - 3632606


1pc. - **[2847]** - 25.4 x 63.5 x 419.1mm - Rock Support  
 - Box 1 - 3632847


2pc. - **[2607]** - 31.8 x 76.2 x 558.8mm - Diagonal - Box 1 - 3632607  


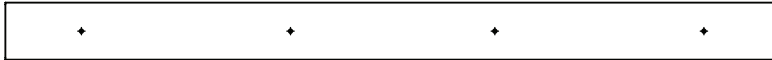
1pc. - **[2602]** - 31.8 x 76.2 x 912.8 mm - Upper Jamb - Box 1 - 3632602  


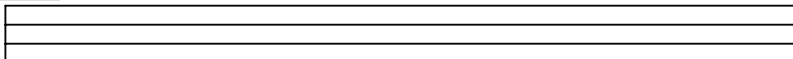
2pc. - **[2774]** - 31.8 x 76.2 x 1066.8mm - Upright - Box 1 - 3632774  


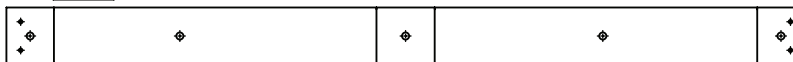
2pc. - **[2610]** - 38.1 x 38.1 x 1022.4mm - Side Joist - Box 1 - 3632610  



1pc. - **[2648]** - 15.9 x 85.7 x 1031.9 mm - Floor Board - Box 1 - 3632648  


8pc. - **[2609]** - 15.9 x 114.3 x 1031.9mm - Floor Board - Box 1 - 3632609  


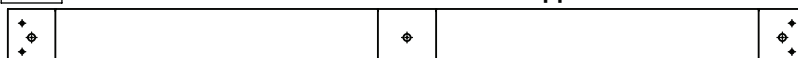
1pc. - **[2608]** - 31.8 x 76.2 x 1035.1mm - Floor Joist - Box 1 - 3632608  



2pc. - **[2601]** - 31.8 x 76.2 x 1065.2 mm - Lower Jamb - Box 1 - 3632601  



2pc. - **[2772]** - 31.8 x 76.2 x 1066.8mm - Panel Floor Support - Box 1 -  


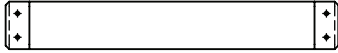
4pc. - **[2769]** - 31.8 x 76.2 x 1066.8mm - Panel BT Frame - Box 1 - 3632769  


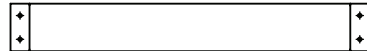
1pc. - **[2768]** - 31.8 x 76.2 x 1066.8mm - Panel Floor - Box 1 - 3632768  


2pc. - **[2775]** - 31.8 x 76.2 x 1066.8mm - Panel Cross Support - Box 1 - 3632775  


4pc. - **[2850]** - 31.8 x 76.2 x 304.8mm - Tower Gusset  
 - Box 1 - 3632850

1pc. - **[9195]** - 31.8 x 76.2 x 482.6mm - Ladder Brace  
 - Box 1 - 3639195

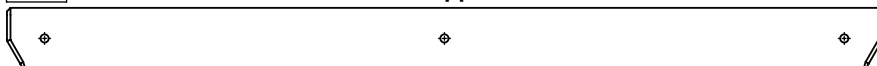
6pc. - **[2840]** - 19.1 x 63.5 x 444.5mm - Balluster - Box 1 - 3632840  


4pc. - **[2844]** - 31.8 x 63.5 x 479.4mm - Horizontal - Box 1 - 3632844  


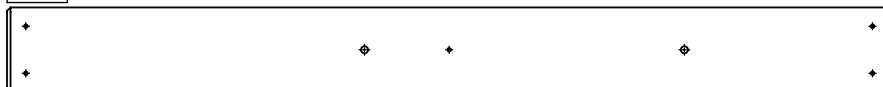
# Lookout Tower and Swing

## Part Identification (Reduced Part Size)

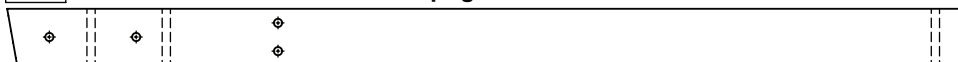
1pc. - **2616** - 23.8 x 82.6 x 1181.1mm - SW Support - Box 1 - 3632616



4pc. - **2851** - 15.9 x 114.3 x 1193.8mm - Vertical Rock Board - Box 1 - 3632851



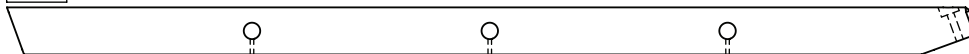
1pc. - **2615** - 76.2 x 76.2 x 1294.3mm - SW Upright - Box 1 - 3632615



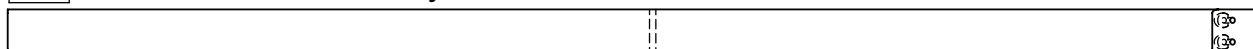
1pc. - **2846** - 34.9 x 63.5 x 1310.5mm - Ladder Rail Right - Box 1 - 3632846



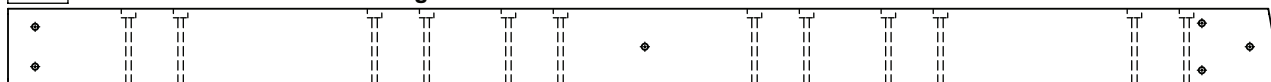
1pc. - **2845** - 34.9 x 63.5 x 1310.5mm - Ladder Rail Left - Box 1 - 3632845



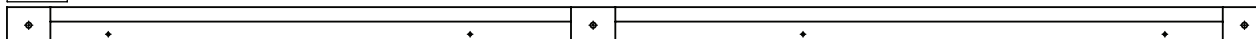
2pc. - **2613** - 50.8 x 76.2 x 2201.9mm - Heavy SW Post - Box 1 - 3632613



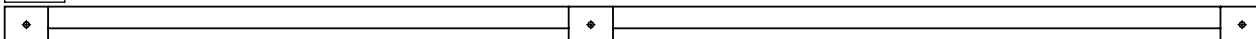
1pc. - **2614** - 76.2 x 133.4 x 2235.2mm - Engineered Beam - Box 1 - 3632614



3pc. - **2771** - 31.8 x 63.5 x 2209.8 mm - End Post - Box 1 - 3632771



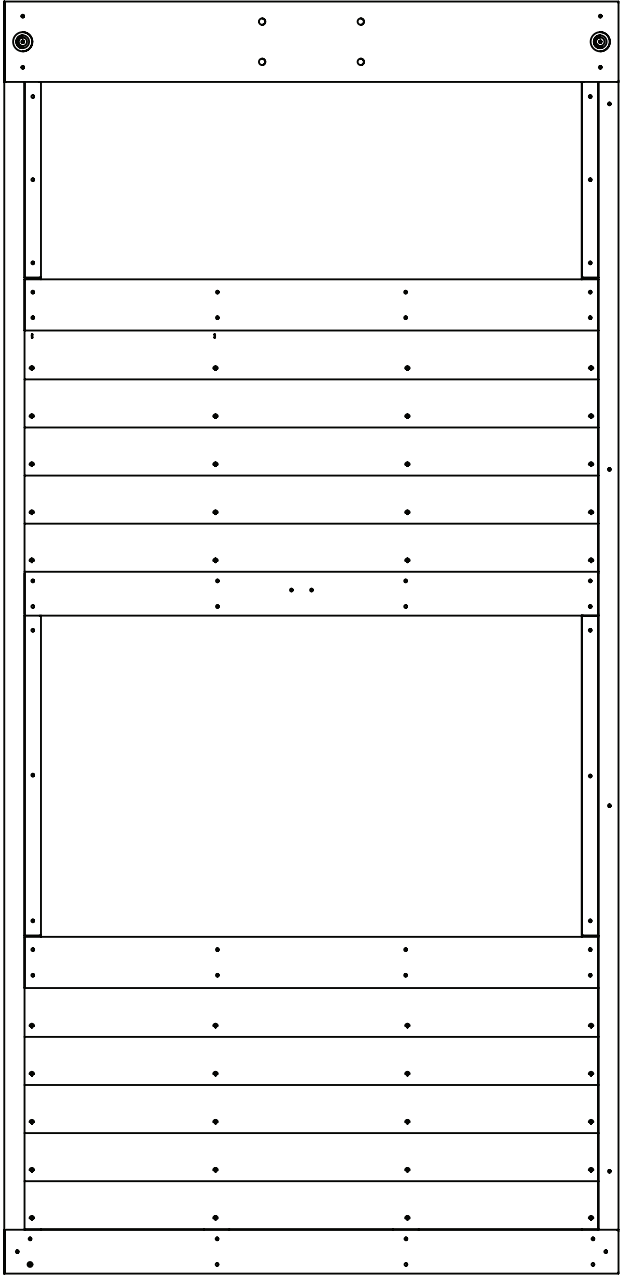
3pc. - **2770** - 31.8 x 63.5 x 2209.8 mm - End Post Left - Box 1 - 3632770



# Lookout Tower and Swing

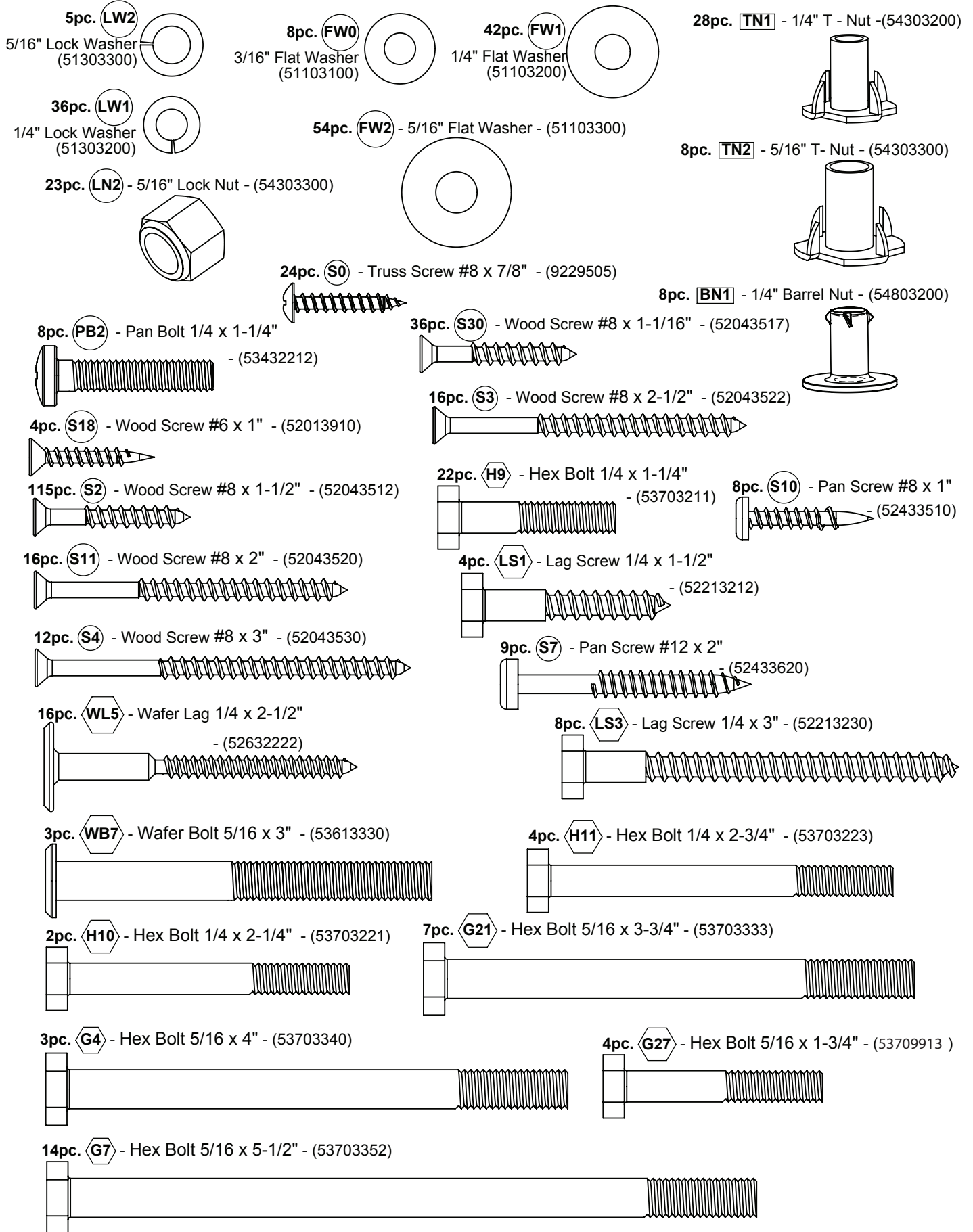
## Part Identification (Reduced Part Size)

1pc. - **2627** - 31.8 x 1066.8 x 2209.8 mm - SW Wall Panel - Box 1 - 37632627



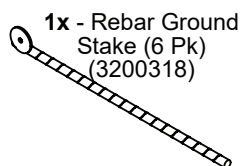
# Lookout Tower and Swing

## Hardware Identification (Actual Size)



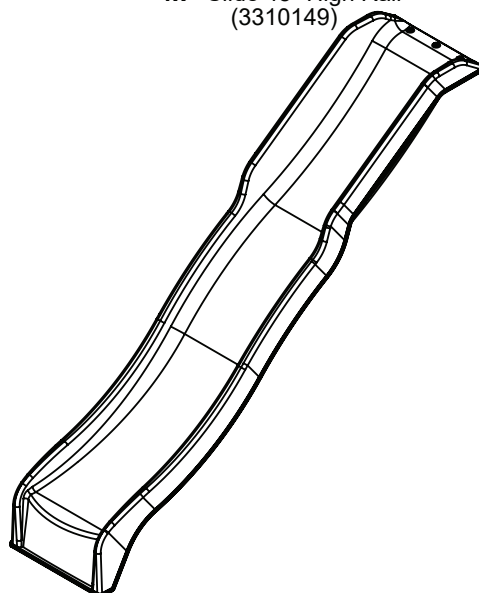
# Lookout Tower and Swing

## Part Identification (Reduced Part Size)



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

1x - Slide 48" High Rail  
(3310149)

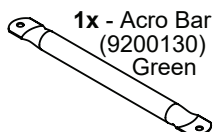


1x - Kidkraft ID Plaque  
(9320374)



2x - Acro Handle  
(9320131) Green

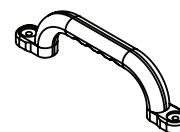
2x - Rocks (4 Pk)  
(3320184) -Green



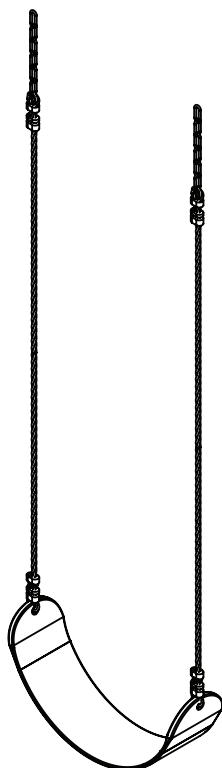
1x - Acro Bar  
(9200130)  
Green



1x - Jamb Mount (6Pk)  
(3206306)



2x - Hand Grip  
(9320240)



2x - Long Belt Swing  
w/ Welded Chain  
(3724939) Yellow

1x - Acro Rope & Chain (2Pk)  
(3502025)



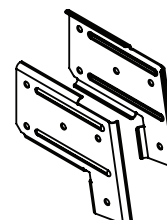
1x - Quick Link with Thread (4 Pk)  
(3200020)



1x - DX Swing Hangers (6 Pk)  
(3206106)



1x - Beam L Bracket (2 Pk)  
(3200145)



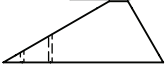
1x - Beam Bracket Set  
(3200143)



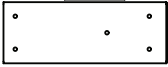
# Adventure Tower

## Part Identification (Reduced Part Size)

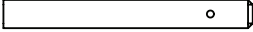
2pc. - **[8834]** - 23.8 x 82.6 x 216mm - Box Gusset FSC - Box 1 - 3638834



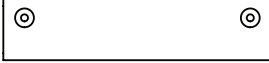
1pc. - **[6005]** - 31.8 x 82.6 x 222.3mm TNR Slide Block - Box 1 - 3636005



2pc. - **[6008]** - 38.1 x 38.1 x 336.6mm Tarp Uprght - Box 1 - 3636008



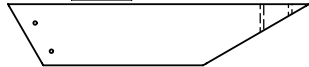
1pc. - **[8832]** - 23.8 x 82.6 x 362mm - Box End - Box 1 - 3638832



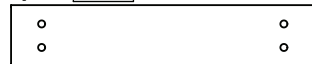
2pc. - **[6006]** - 31.8 x 82.6 x 396.9mm Back Gusset - Box 1 - 3636006



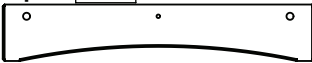
2pc. - **[6001]** - 31.8 x 82.6 x 406.4mm Gusset - Box 1 - 3636001



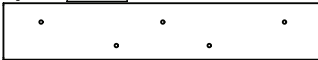
1pc. - **[6004]** - 23.8 x 82.6 x 409.6mm Box Bottom - Box 1 - 3636004



2pc. - **[0602]** - 15.9 x 76.2 x 420mm Short Trim - Box 1 - 3620602



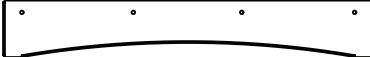
1pc. - **[6014]** - 31.8 x 76.2 x 430.2mm Tunnel Spacer - Box 1 - 3636014



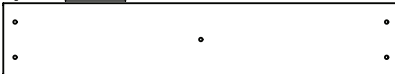
2pc. - **[6015]** - 23.8 x 82.6 x 444.5mm Box Leg - Box 1 - 3636015



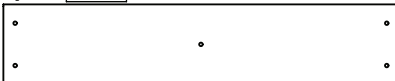
2pc. - **[0601]** - 15.9 x 76.2 x 500mm Side Trim - Box 1 - 3620601



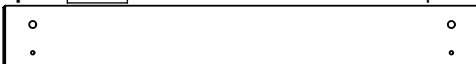
1pc. - **[6042]** - 15.9 x 98 x 533.4mm Narrow Floor Board - Box 1 - 3636042



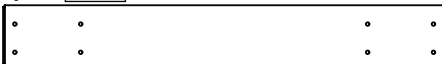
7pc. - **[6013]** - 15.9 x 108 x 533.4mm Floor Board - Box 1 - 3636013



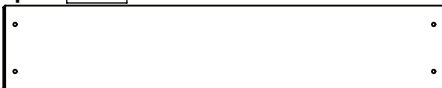
1pc. - **[6028]** - 23.8 x 82.6 x 644.5mm Top Back - Box 1 - 3636028



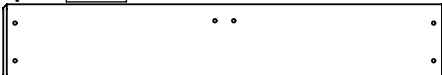
1pc. - **[6027]** - 23.8 x 82.6 x 596.9mm Sand Water Support - Box 1 - 3636027



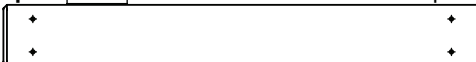
1pc. - **[6021]** - 15.9 x 114.3 x 596.9mm Back Ground - Box 1 - 3636021



1pc. - **[0600]** - 15.9 X 101.6 X 596.9mm Bottom Trim - Box 1 - 3620600



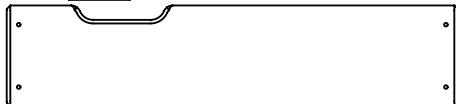
1pc. - **[0603]** - 15.9 X 82.6 X 644.5mm Top Trim - Box 1 - 3620603



# Adventure Tower

## Part Identification (Reduced Part Size)

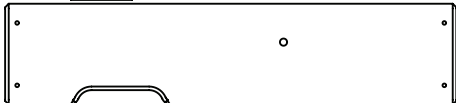
**1pc. - [6019]** - 15.9 x 133.4 x 596.9mm Rock Bottom -  
Box 1 - 3636019



**4pc. - [6010]** - 15.9 x 133.4 x 596.9mm Rock Board A -  
Box 1 - 3636010



**5pc. - [6009]** - 15.9 x 133.4 x 596.9mm Rock Board B -  
Box 1 - 3636009



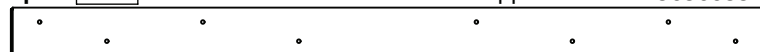
**1pc. - [6034]** - 23.8 x 139.7 x 596.9mm Floor Back -  
Box 1 - 3636034



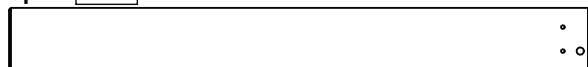
**1pc. - [6022]** - 31.8 x 63.5 x 616mm SL Brace - Box 1 - 3636022



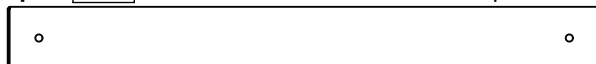
**2pc. - [6033]** - 15.9 x 63.5 x 996.9mm Post Support - Box 1 - 3636033



**2pc. - [6011]** - 23.8 x 82.6 x 768.4mm Box Side - Box 1 - 3636011



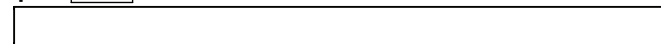
**1pc. - [6029]** - 23.8 x 82.6 x 784.2mm Side Top - Box 1 - 3636029



**1pc. - [6030]** - 23.8 x 82.6 x 784.2mm Tunnel Side Top - Box 1 - 3636030



**1pc. - [6003]** - 23.8 x 50.8 x 862.2mm Floor Joist - Box 1 - 3636003



**2pc. - [6017]** - 31.8 x 82.6 x 875.3mm Floor Support - Box 1 - 3636017



**1pc. - [6032]** - 31.8 x 108 x 874mm TNR Wall - Box 1 - 3636032



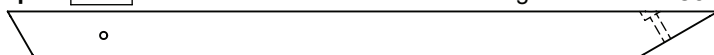
**1pc. - [6025]** - 38.1 x 38.1 x 901.7mm Tarp Support - Box 1 - 3636025



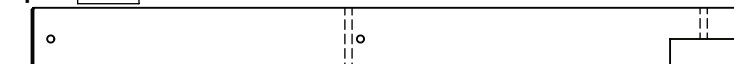
**2pc. - [6024]** - 15.9 x 82.6 x 901.7mm Tarp End - Box 1 - 3636024



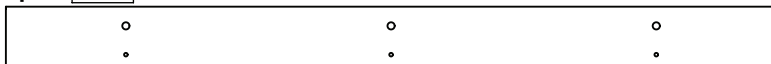
**1pc. - [0369]** - 34.9 x 63.5 x 939.8mm Lower Diagonal - Box 1 - 3640369



**2pc. - [6012]** - 31.8 x 82.6 x 933.6mm Short Post - Box 1 - 3636012



**2pc. - [6023]** - 15.9 x 82.6 x 1019.2mm Roof Side - Box 1 - 3636023



# Adventure Tower

## Part Identification (Reduced Part Size)

4pc. - [6031] - 15.9 x 72.6 x 996.9mm Window Brace - Box 1 - 3636031



2pc. - [6007] - 31.8 x 76.2 x 1095.4mm Wall Support - Box 1 - 3636007



1pc. - [6020] - 15.9 x 114.3 x 1122mm Short Ground - Box 1 - 3636020



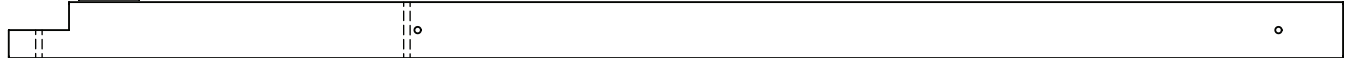
2pc. - [6000] - 31.8 x 82.6 x 1495.4mm Upper Post - Box 1 - 3636000



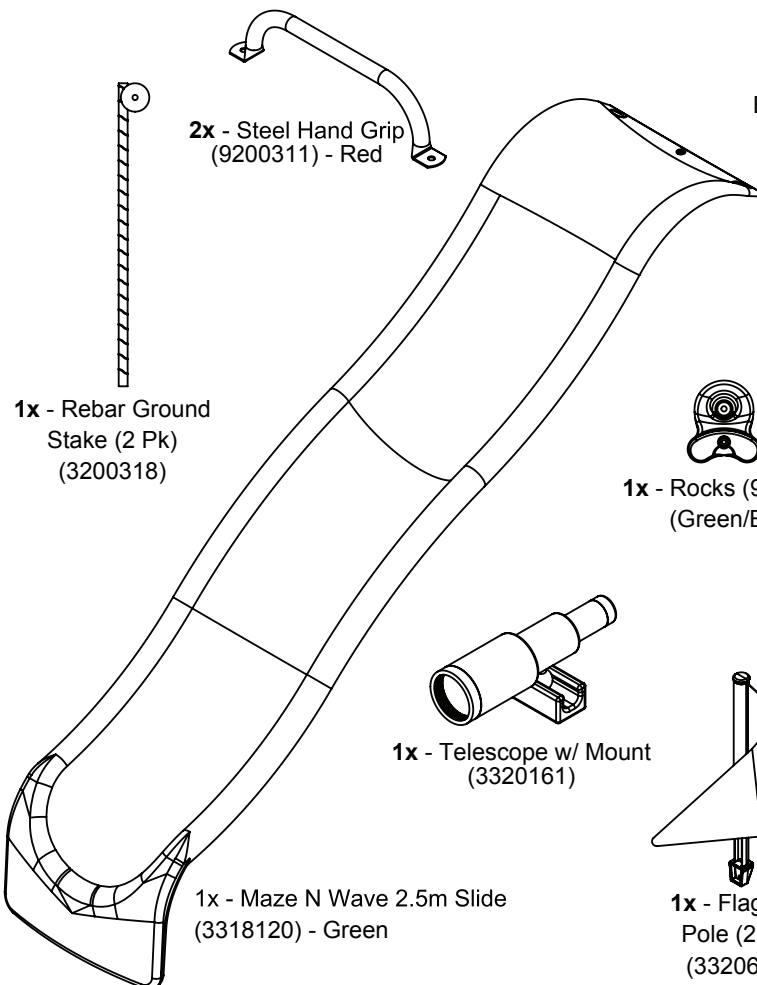
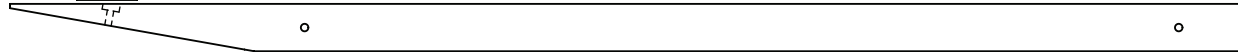
1pc. - [6018] - 15.9 x 114.3 x 1576.1mm Long Ground - Box 1 - 3636018



2pc. - [6002] - 31.8 x 82.6 x 1968.5mm Long Post - Box 1 - 3636002



2pc. - [6026] - 31.8 x 69.9 x 1827mm Rock Rail - Box 1 - 3636026



2x - Steel Hand Grip  
(9200311) - Red

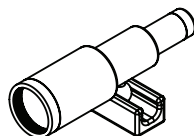
1x - Rebar Ground  
Stake (2 Pk)  
(3200318)



1x - Corner  
Brace (4 Pk)  
(3200164)



1x - Rocks (9pk) (3320100)  
(Green/Burgundy)

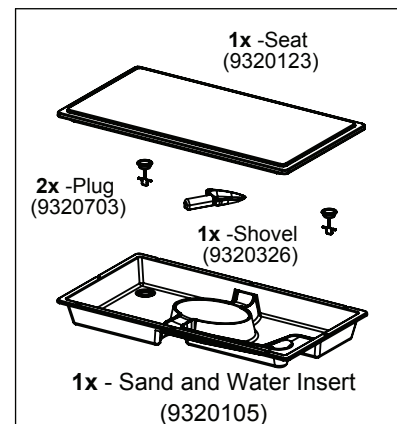


1x - Telescope w/ Mount  
(3320161)



1x - Flag and  
Pole (2 Pk)  
(3320632)

1x - 3 in 1 Bench Set (3320123)

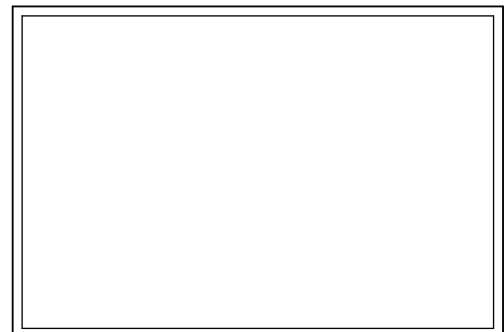


1x -Seat  
(9320123)

2x -Plug  
(9320703)

1x -Shovel  
(9320326)

1x - Sand and Water Insert  
(9320105)

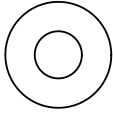


1x - Tower Canopy (3754810)

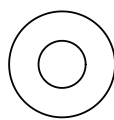
# Adventure Tower

## Hardware Identification (Actual Size)

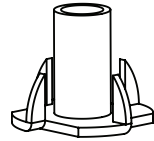
12pc. **FW3** - #8 Flat Washer - (51003500)



13pc. **FW0** - 3/16" Flat Washer - (51103100)



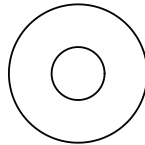
39pc. **TN1** - 1/4" T - Nut -(54503200)



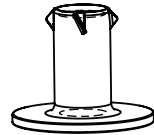
48pc. **LW1** - 1/4" Lock Washer - (51303200)



52pc. **FW1** - 1/4" Flat Washer - (51103200)



9pc. **BN1** - 1/4" Barrel Nut - (54803200)



154pc. **S20** - Wood Screw #8 x 1-3/8" - (52043516)



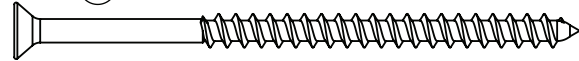
36pc. **S15** - Wood Screw #8 x 1-3/4" - (52043513)



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



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

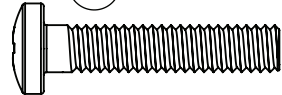


42pc. **S37** - Pan Screw #7 x 5/8" - (52433009)



9pc. **PB2** - Pan Bolt 1/4 x 1-1/4"

- (53433212)



13pc. **S10** - Pan Screw #8 x 1"

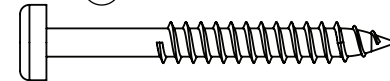
- (52433510)



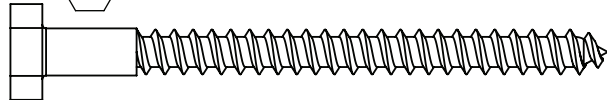
5pc. **LS2** - Lag Screw 1/4 x 2-1/2" - (52213222)



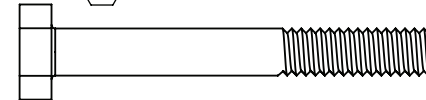
17pc. **S7** - Pan Screw #12 x 2" - (52433620)



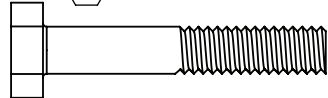
3pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



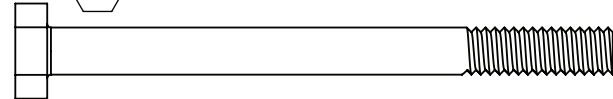
21pc. **H2** - Hex Bolt 1/4 x 2" - (53703220)



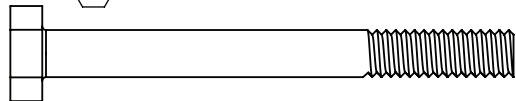
2pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



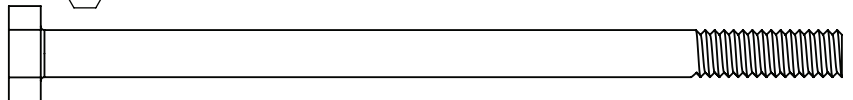
4pc. **H12** - Hex Bolt 1/4 x 3" - (53703230)



10pc. **H3** - Hex Bolt 1/4 x 2-1/2" - (53703222)



4pc. **H8** - Hex Bolt 1/4 x 4-1/4" - (53703241)



# 3' Tunnel and Chin Bar

## Part Identification (Reduced Part Size)

2pc. - **[9086]** - 31.8 x 76.2 x 366.7mm - Tunnel Top - Box 1 - 3639086



1pc. - **[9087]** - 15.9 x 85.7 x 428.6mm - Floor Board - Box 1 - 3639087



7pc. - **[9092]** - 15.9 x 114.3 x 428.6mm - Floor Board - Box 1 - 3639092



1pc. - **[6037]** - 29.8 x 120.7 x 428.6mm - Tunnel Top - Box 1 - 3636037



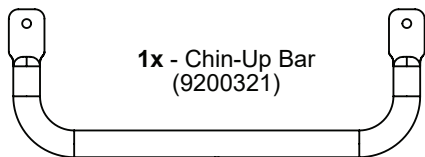
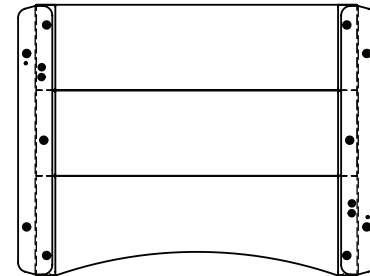
2pc. - **[9089]** - 31.8 x 76.2 x 914.4mm - Short Tunnel Side Joist - Box 1 - 3639089



1pc. - **[6039]** - 32.3 x 203.2 x 477.5mm - Lower Tunnel Insert - Box 1 - 37636039



1pc. - **[6038]** - 32.3 x 362 x 477.4mm - Upper Tunnel Insert - Box 1 - 37636038

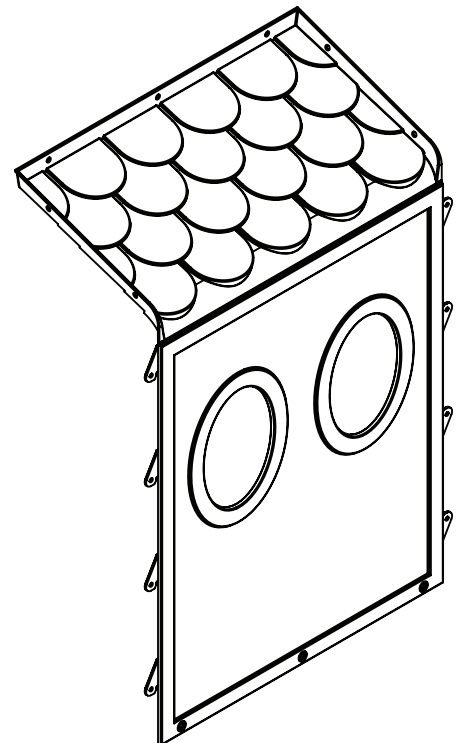


1x - Chin-Up Bar  
(9200321)

1x - Swing Brkt Set (4 Pk)  
(3201532)



1x - Flat Panel Brkt (2 Pk)  
(3200363)

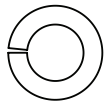


1x - MOD Tunnel Set  
(4Pk) (3330101)



# 3' Tunnel and Chin Bar Hardware Identification (Actual Size)

4pc. **LW2** - 5/16" Lock Washer - (51303300)



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



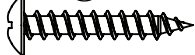
4pc. **LW1** - 1/4" Lock Washer - (51303200)



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



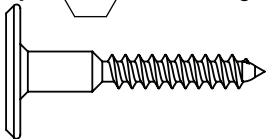
24pc. **S0** - Truss Screw #8 x 7/8" - (52933505)



28pc. **S10** - Pan Screw #8 x 1" - (52433510)



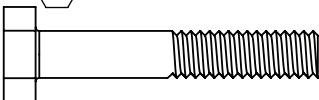
4pc. **WL3** - Wafer Lag 1/4 x 1-3/8" - (52613216)



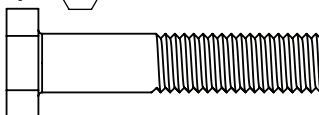
32pc. **S2** - Wood Screw #8 x 1-1/2" - (52043512)



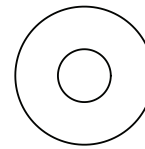
2pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



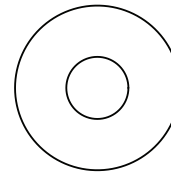
4pc. **G1** - Hex Bolt 5/16 x 1-1/2" - (53703312)



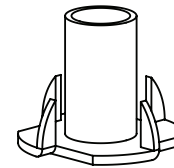
6pc. **FW1** - 1/4" Flat Washer - (51103200)



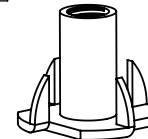
4pc. **FW2** - 5/16" Flat Washer - (51103300)



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



2pc. **TN1** - 1/4" T- Nut - (54503200)



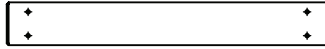
16pc. **S4** - Wood Screw #8 x 3" - (52043530)



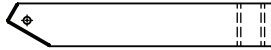
# Activity & Roof Add On

## Part Identification (Reduced Part Size)

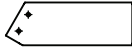
1pc. - **2839** - 12.7 x 57.2 x 428.6mm - Bottom - Box 1 - 3632839



2pc. - **2837** - 25.4 x 57.2 x 355.6mm - Diagonal - Box 1 - 3632837



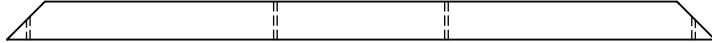
2pc. - **2838** - 25.4 x 57.2 x 164.8mm - Leg - Box 1 - 3632838



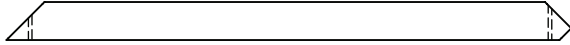
1pc. - **2844** - 31.8 x 63.5 x 479.4mm - Horizontal - Box 1 - 3632844



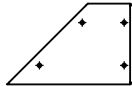
4pc. - **2853** - 25.4 x 50.8 x 946.2mm - Roof Support - Box 1 - 3632853



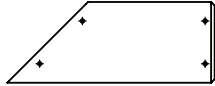
8pc. - **2852** - 25.4 x 50.8 x 754.7mm - Roof End - Box 1 - 3632852



8pc. - **2841** - 15.9 x 108 x 169.3mm - Gable Board A - Box 1 - 3632841



8pc. - **2842** - 15.9 x 108 x 277.2mm - Gable Board B - Box 1 - 3632842



4pc. - **2843** - 15.9 x 108 x 304.8mm - Gable Board C - Box 1 - 3632843



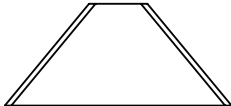
2pc. - **2939** - 25 x 45 x 194.8mm - Cupola Mount - Box 1 - 3632939



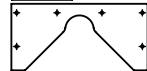
2pc. - **2936** - 15 x 25 x 182mm - Cupola Front Top - Box 1 - 3632936



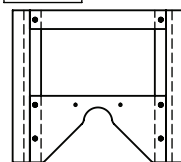
4pc. - **2940** - 15 x 136 x 303mm - Cupola Roof - Box 1 - 3602940



2pc. - **2938** - 15 x 88.9 x 182mm - Cupola Side Base - Box 1 - 3632938

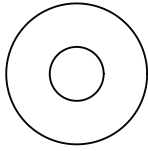


2pc. - **2936A** - 38 x 203.2 x 228mm - Bell Cupola Side - Box 1 - 7602936



# Activity & Roof Add On

## Hardware Identification (Actual Size)

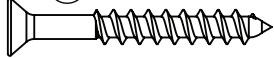


2pc. **(FW1)**  
1/4" Flat Washer  
(51103200)

8pc. **(S33)** - Wood Screw #8 x 1" - (52043510)



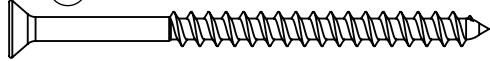
104pc. **(S2)** - Wood Screw #8 x 1-1/2" - (52043512)



28pc. **(S11)** - Wood Screw #8 x 2" - (52043522)



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



28pc. **(S4)** - Wood Screw #8 x 3" - (52043530)



16pc. **(TS)** - Trim Screw #6 x 30mm - (52953911)



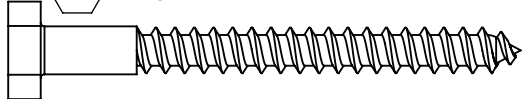
18pc. **(S37)** - Pan Screw #7 x 5/8"  
- (52433009)



20pc. **(S10)** - Pan Screw #8 x 1"  
- (52433510)



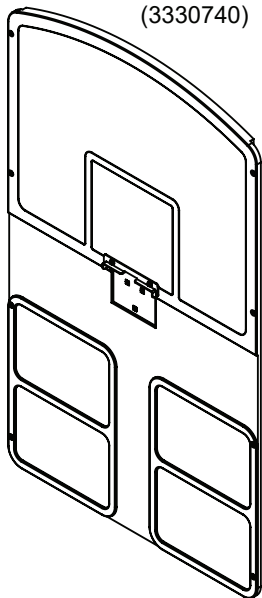
2pc. **(LS2)** - Lag Screw 1/4 x 2-1/2" - (52213222)



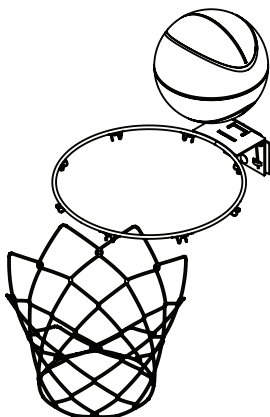
# Activity & Roof Add On

## Part Identification (Reduced Part Size)

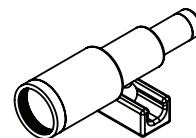
**1x - Basketball Backboard with Pinch Guard**  
(3330740)



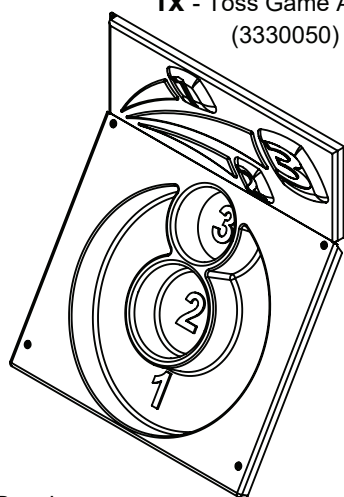
**1x - Hoop Net and Ball**  
(3330052)



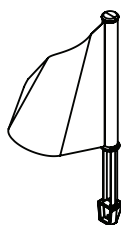
**1x - Telescope w Mount**  
(3320161)



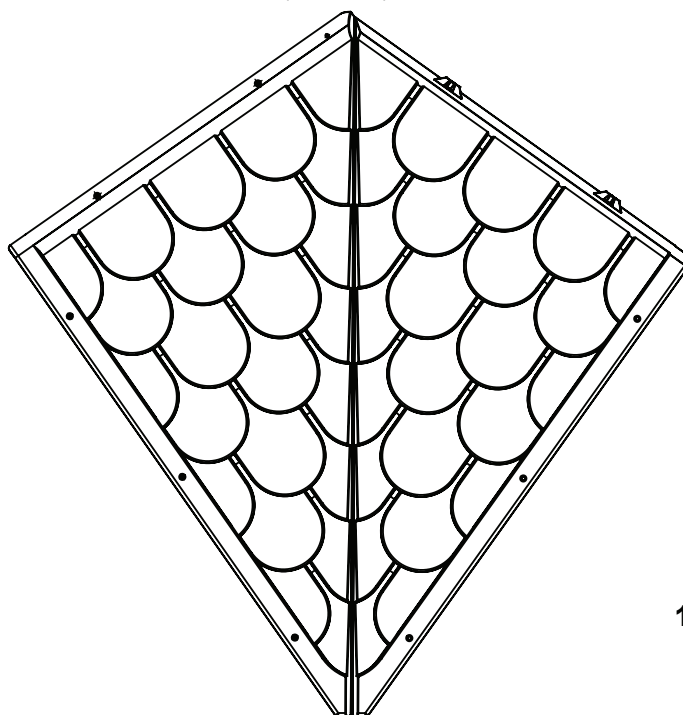
**1x - Toss Game Add-On**  
(3330050)



**1x - Flag and Pole (2pk)**  
(3320632)



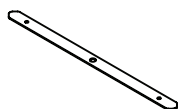
**4x - Four Gable Roof Panel**  
(9320199)



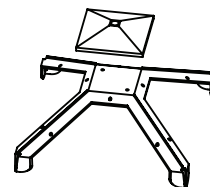
**1x - Bell Set**  
(3200308)



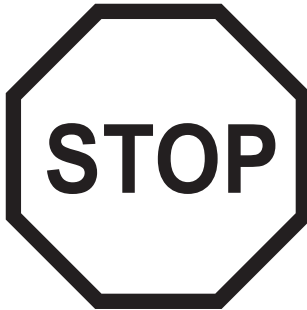
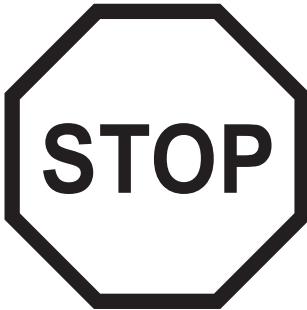
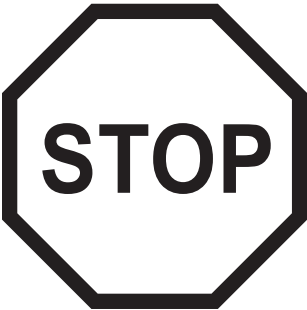
**1x - Steel Cupola Mount**  
(9200709)



**1x - Base Roof Mount Set**  
(3327434)



# Step 1: 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.
- 1.800.933.0771 or 972.385.0100**  
**customerservice@kidkraft.com**  
**canadacustomerservice@kidkraft.com**  
For online parts replacement visit  
<https://parts.kidkraft.com/>

**+31 20 305 8620**  
**europecustomerservice@KidKraft.com**  
For online parts replacement visit  
<https://parts.kidkraft.eu/>
- C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information.
- 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 KidKraft ID Plaque (9320374).
  - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

## MODEL NUMBER: F24846

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): \_\_\_\_\_



# Lookout Tower & Swing

## Step 2: Front and Back Wall Prep

### Part 1



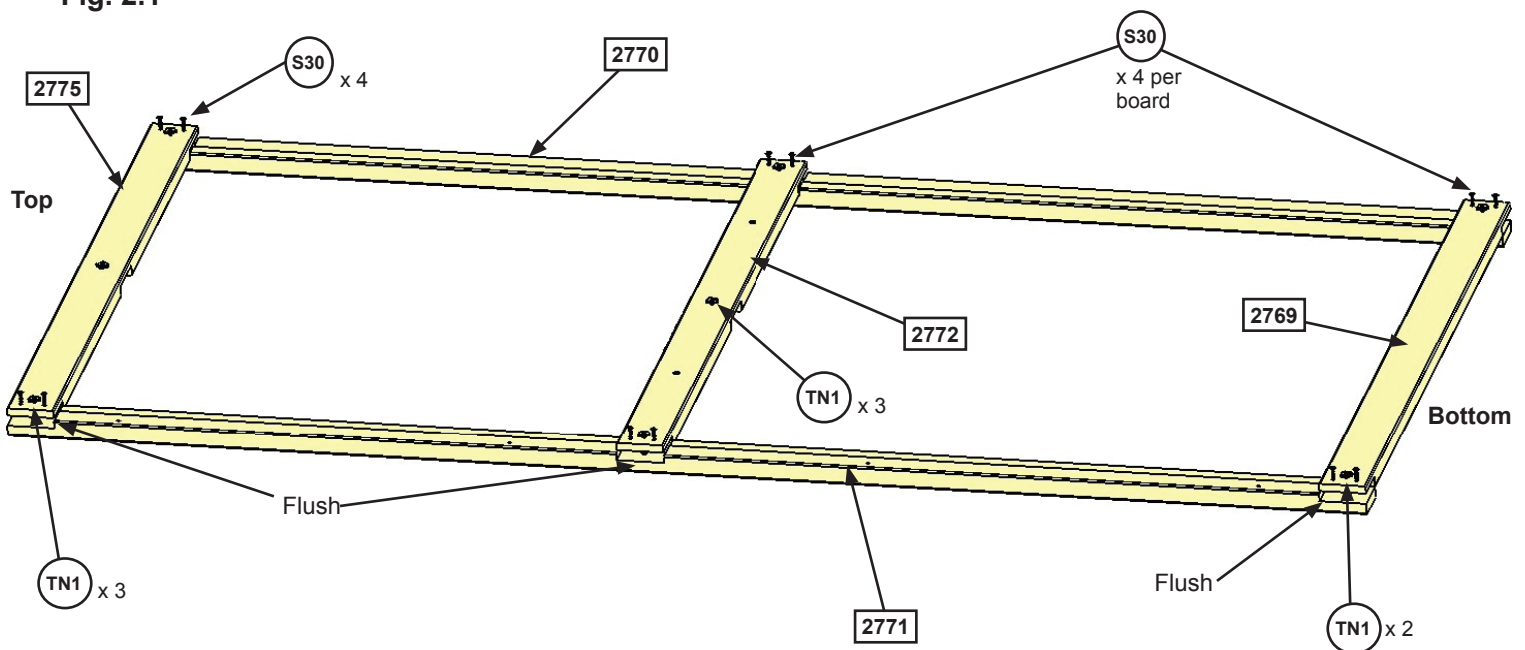
*It is important to assemble the frame on a flat, smooth surface.*

**A:** Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. Put (2770) End Post Left on the right hand side. Place (2775) Panel Cross Support in the top grooves, (2772) Panel Floor Support in the middle grooves and (2769) Panel BT Frame in the bottom grooves. (fig. 2.1).

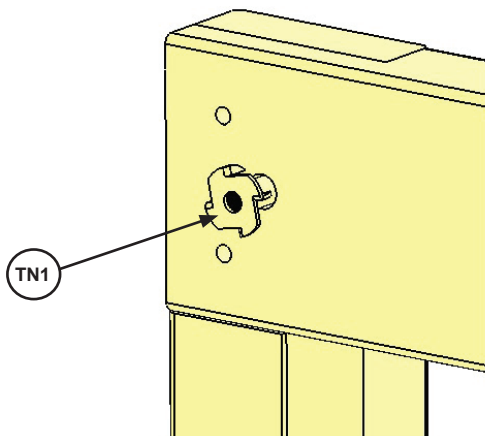
**B:** Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 2.1)

**C:** Tap 3 (TN1) 1/4" T-nuts in (2775) Panel Cross Support and (2772) Panel Floor Support and 2 in (2769) Panel BT Frame. (fig. 2.1 and 2.2)

**Fig. 2.1**



**Fig. 2.2**



#### Wood Parts

2 x	2771	End Post 31.8 x 63.5 x 2209.8 mm
2 x	2770	End Post Left 31.8 x 63.5 x 2209.8 mm
2 x	2775	Panel Cross Support 31.8 x 76.2 x 1066.8mm
2 x	2772	Panel Floor Support 31.8 x 76.2 x 1066.8mm
2 x	2769	Panel BT Frame 31.8 x 76.2 x 1066.8mm

#### Hardware

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

## Step 2: Front and Back Wall Prep Part 2



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

**D:** Turn the assembly over, place (2774) Upright in the middle grooves of (2775) Panel Cross Support and (2772) Panel Floor Support then attach all boards with 8 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

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

Fig. 2.3

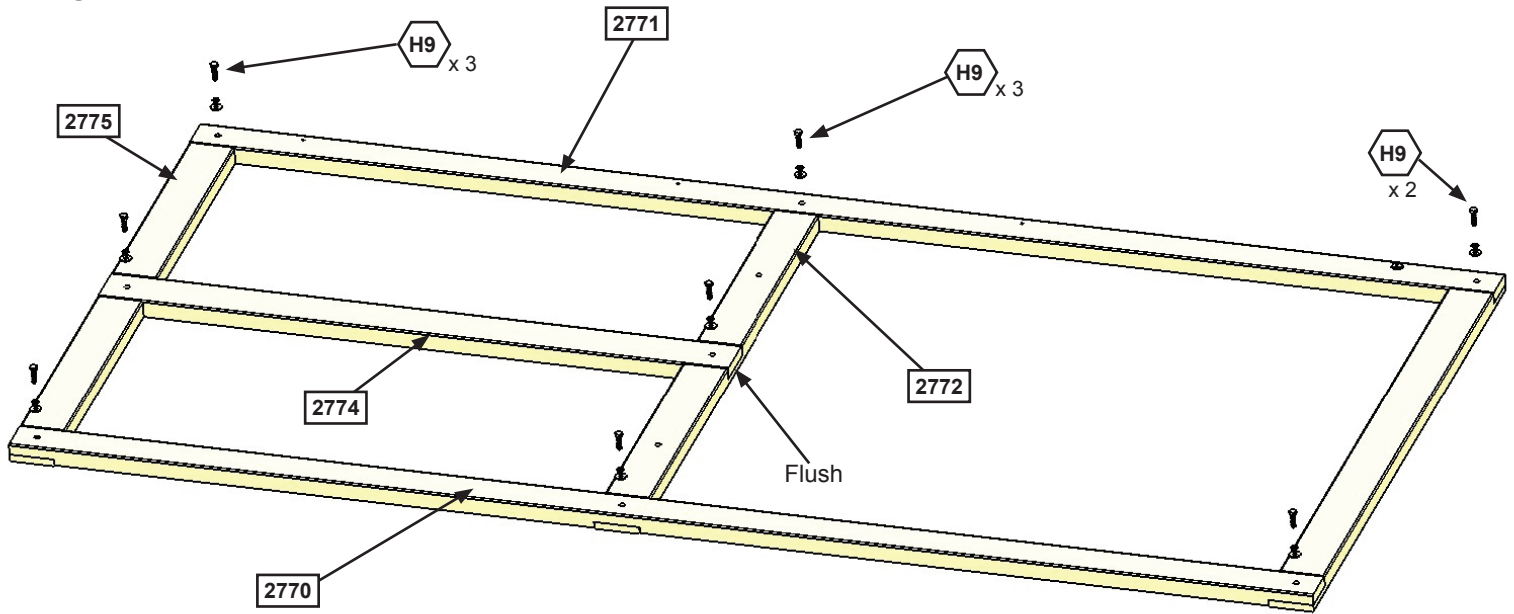
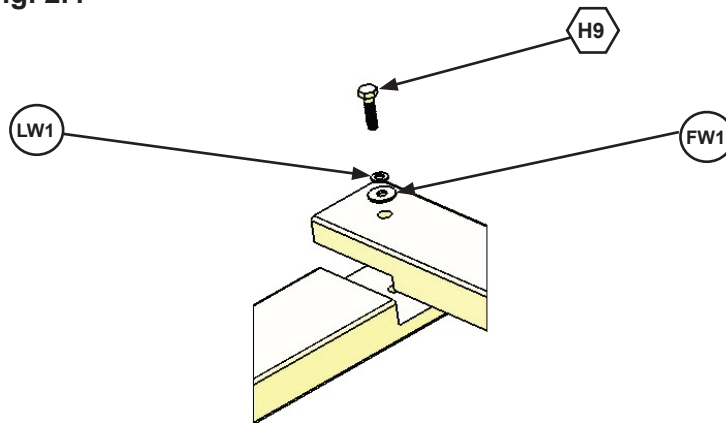


Fig. 2.4



### Wood Parts

2 x 2774 Upright 31.8 x 76.2 x 1066.8mm

### Hardware

16 x H9 Hex Bolt  
(lock washer & flat washer)

# Step 3: End Wall Prep Part 1



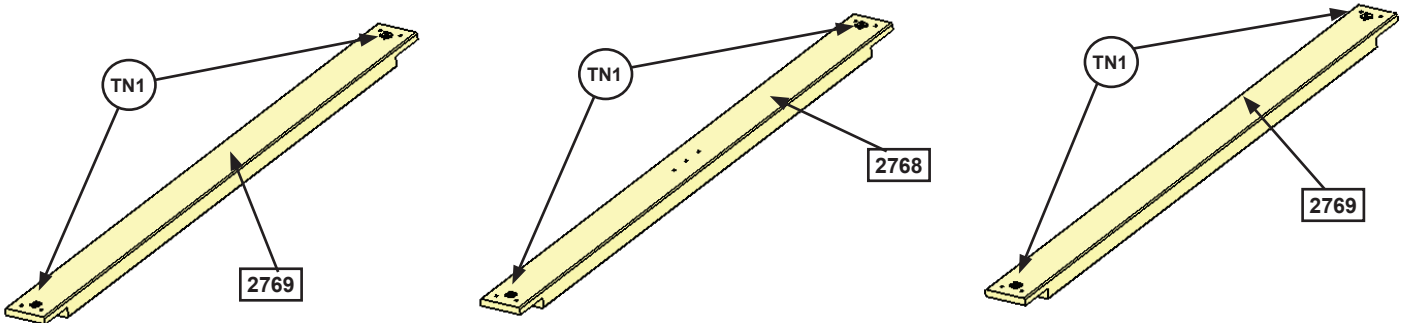
*It is important to assemble the frame on a flat, smooth surface.*

**A:** Place (2768) Panel Floor and 2 (2769) Panel BT Frames on a hard, flat surface with the long side up. Tap in 2 (TN1) T-nuts per board. (fig. 3.1)

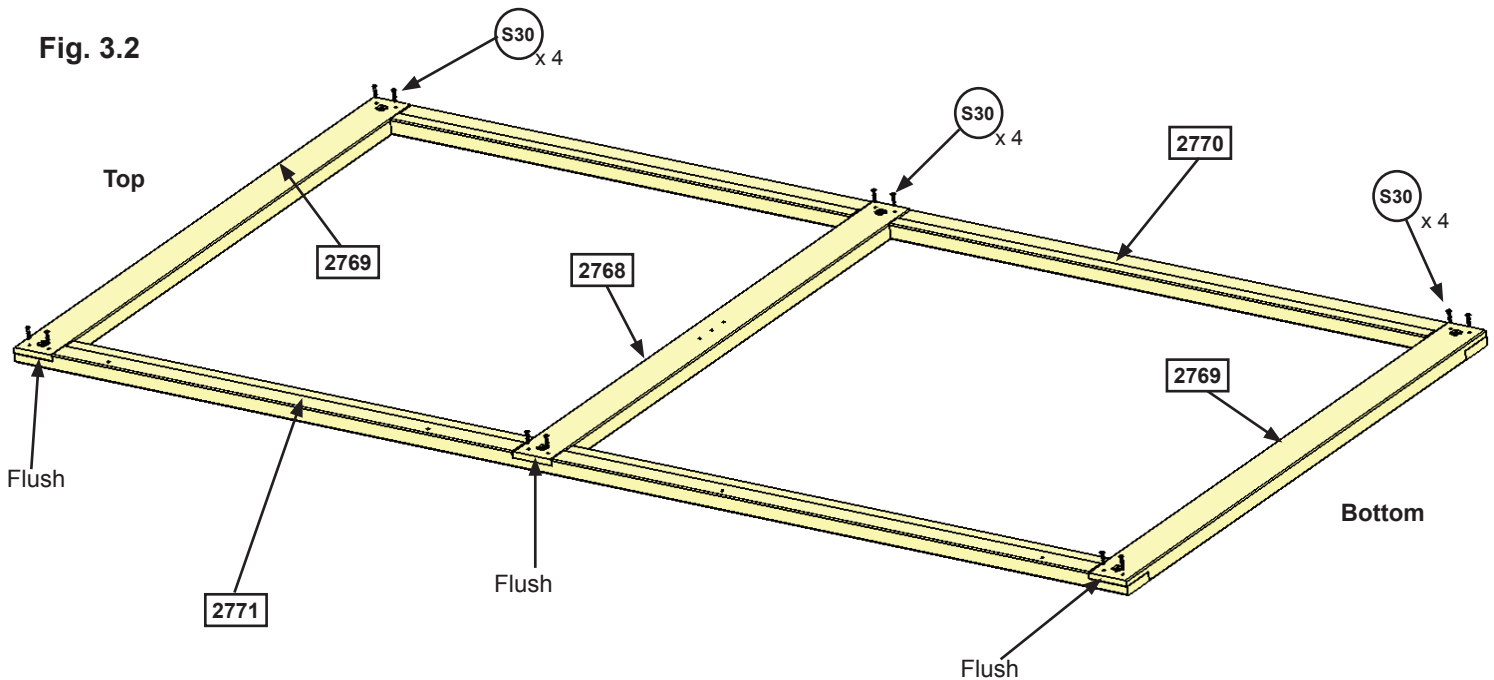
**B:** Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves and (2768) Panel Floor in the middle grooves. (fig. 3.2).

**C:** Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 3.2)

**Fig. 3.1**



**Fig. 3.2**



## Wood Parts

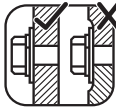
1 x	2768	Panel Floor 31.8 x 76.2 x 1066.8mm
2 x	2769	Panel BT Frame 31.8 x 76.2 x 1066.8mm
1 x	2771	End Post 31.8 x 63.5 x 2209.8 mm
1 x	2770	End Post Left 31.8 x 63.5 x 2209.8 mm

## Hardware

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

# Step 3: End Wall Prep

## Part 2



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

**D:** Turn the assembly over then attach all boards with 6 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 3.3 and 3.4)

Fig. 3.3

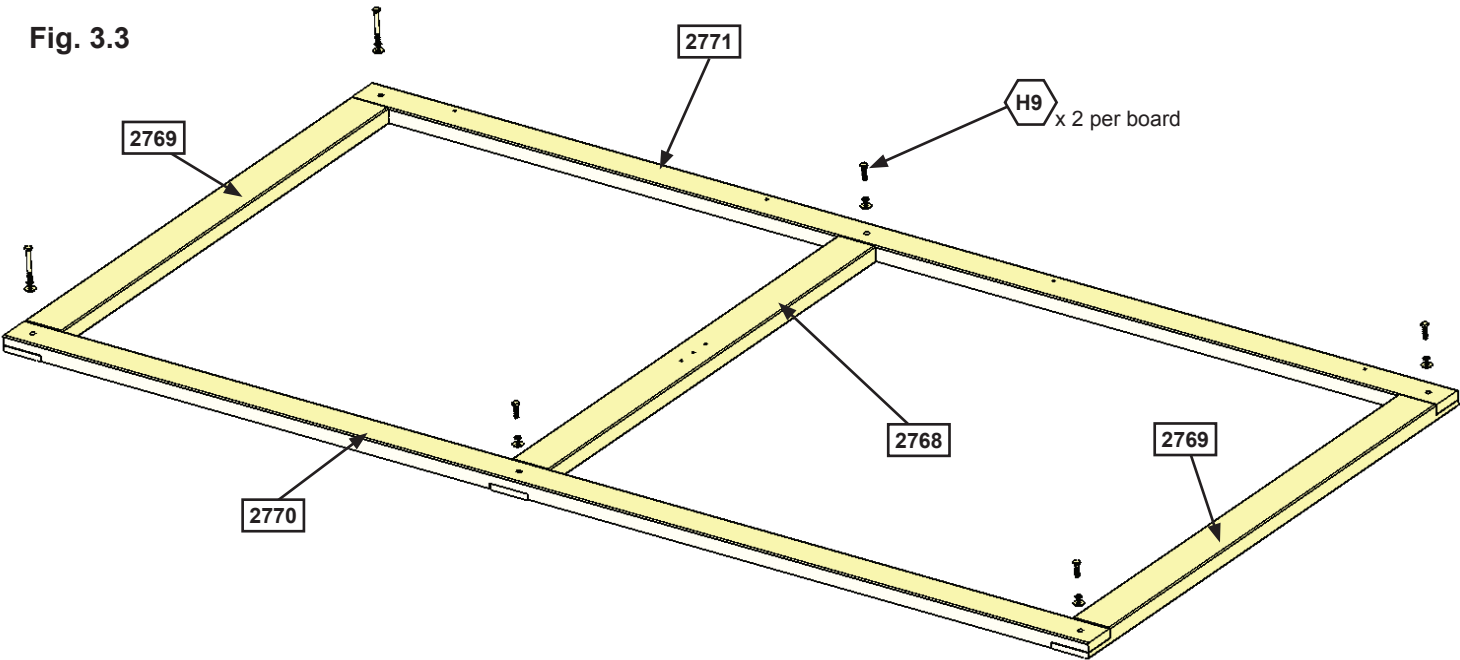
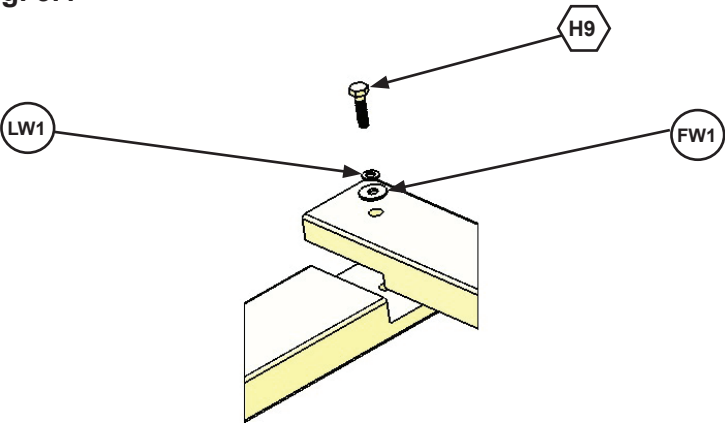



Fig. 3.4



**Hardware**

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

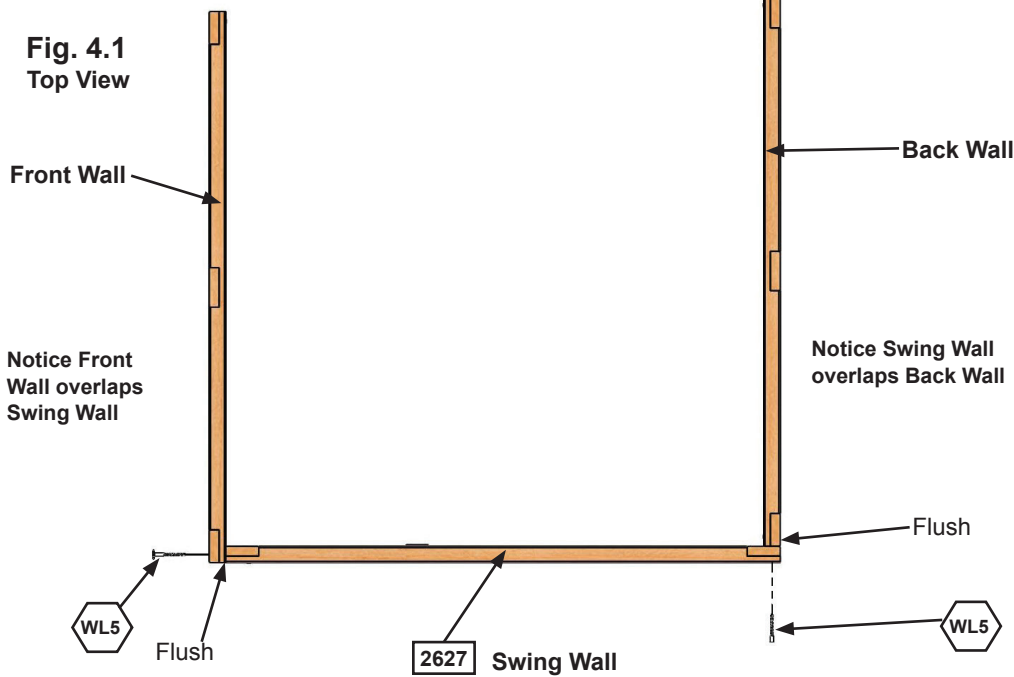
# Step 4: Frame Assembly Part 1



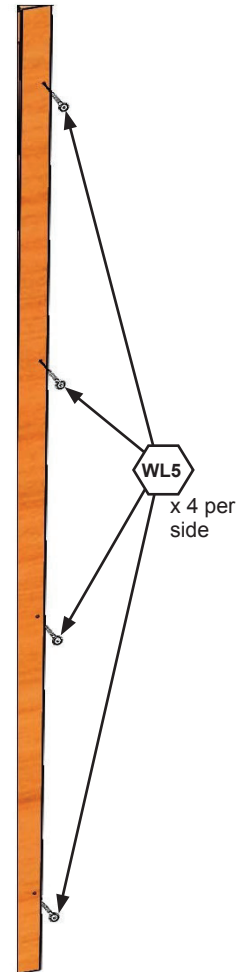
*It is important to assemble the frame on a flat, smooth surface.*

**A:** Place (2627) SW Wall Panel between 2 Front and Back Walls from Step 2, noticing the wall orientations. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 3/16" (4.8 mm) drill bit and fasten the Front Wall to the Swing Wall and Swing Wall to the Back Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.1, 4.2 and 4.3)

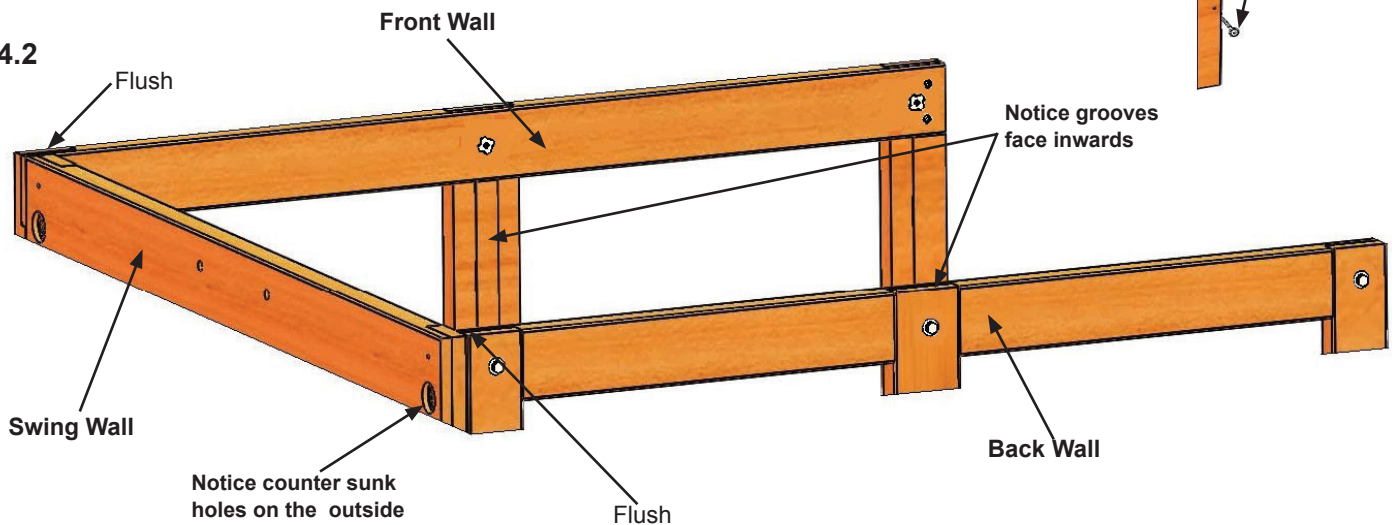
**Fig. 4.1**  
Top View



**Fig. 4.3**



**Fig. 4.2**



## Wood Parts

1 x 2627 SW Wall Panel 31.8 x 1066.8 x 2209.8 mm

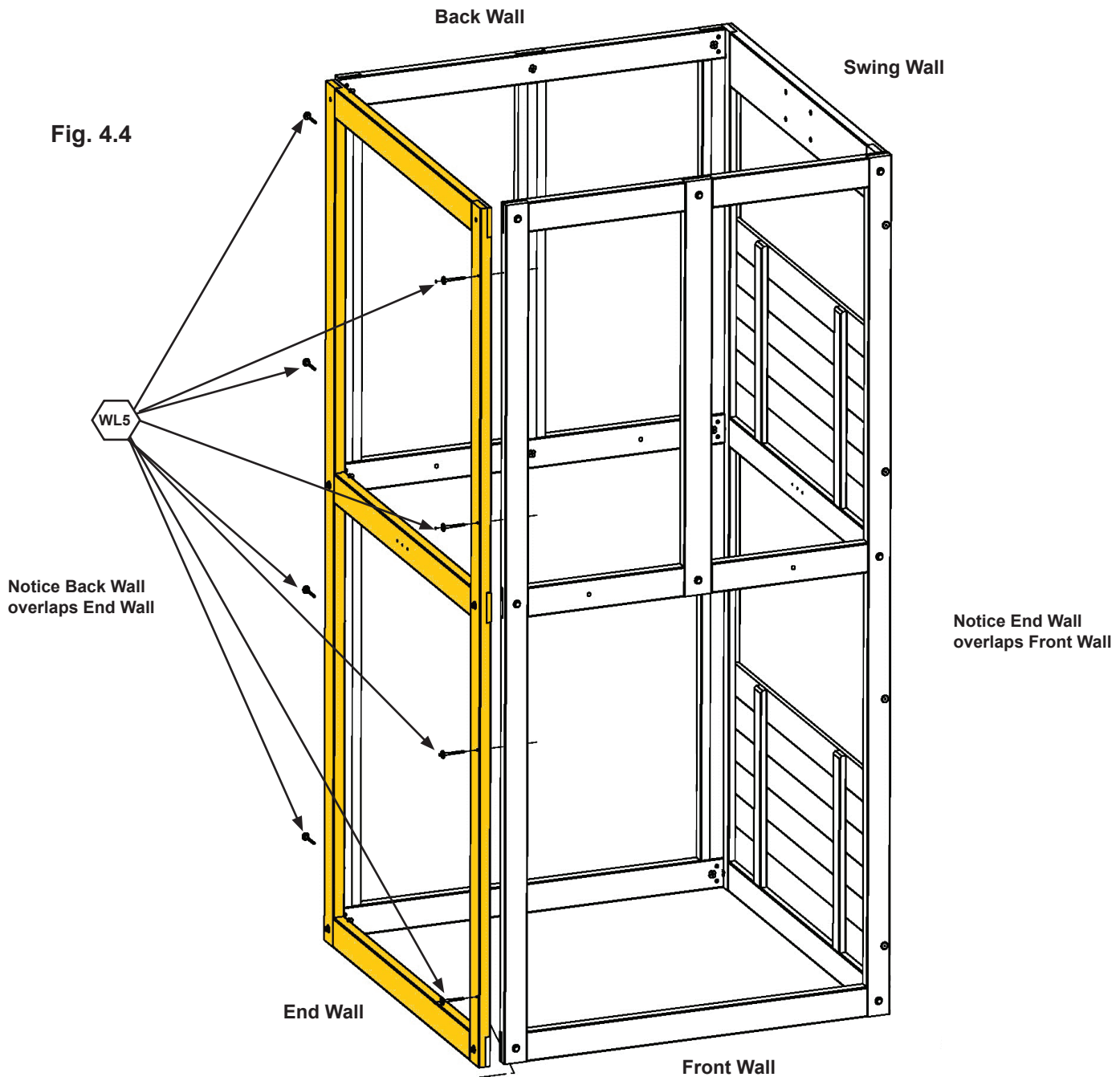
## Hardware

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


## Step 4: Frame Assembly Part 2



**B:** Place End Wall from Step 3 between the Front Wall and Back Wall noticing the wall orientation. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide predrill with a 3/16" (4.8 mm) drill bit and fasten the Back Wall to the End Wall and End Wall to the Front Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.4)

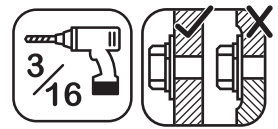


### Hardware

8 x  1/4 x 2-1/2" Wafer Lag



## Step 4: Frame Assembly Part 3



**C:** Loosely attach 1 (2607) Diagonal to (2606) SW Ground with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig.4.6)

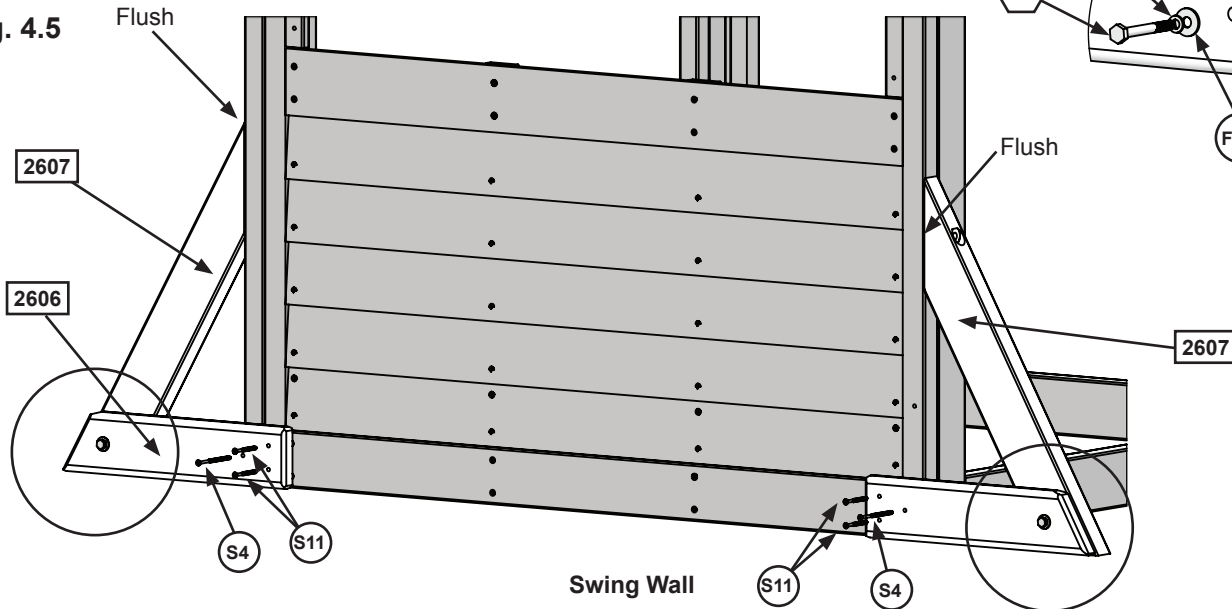
**D:** Place (2606) SW Ground against the front right side of the (2627) SW Wall Panel making sure that the (2607) Diagonal lines up with the edge of the panel as shown in fig. 4.5 and attach (2606) SW Ground to fort using 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 4.5)

**E:** Make sure that the (2607) Diagonal is tight to the edge of the (2627) SW Wall Panel then pre-drill pilot holes with a 3/16" (4.8 mm) drill bit. Attach (2607) Diagonal to the (2627) SW Wall Panel with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) checking that it remains flush to outside edge. (fig. 4.5 and 4.7)

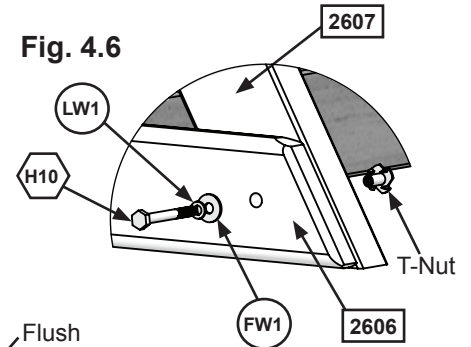
**F:** Tighten Hex Bolt installed in step C:.

**G:** Repeat steps C: through F: to install an opposite assembly on the left side.

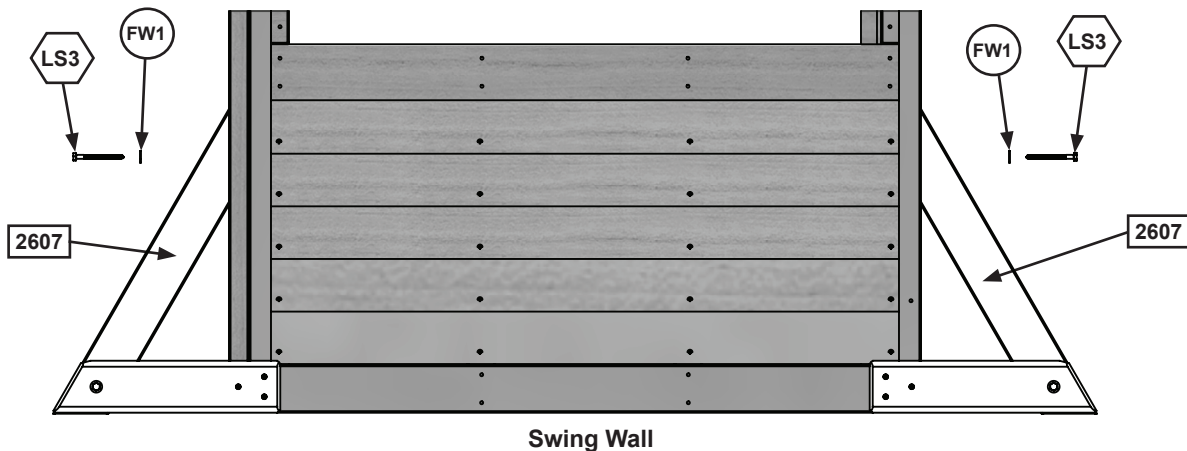
**Fig. 4.5**



**Fig. 4.6**



**Fig. 4.7**



### Wood Parts

- 2 x [2607] Diagonal 31.8 x 76.2 x 558.8mm
- 2 x [2606] SW Ground 23.8 x 82.6 x 362 mm

### Hardware

- 2 x [H10] 1/4 x 2-1/4" Hex Bolt (lock washer, flat washer, t-nut)
- 2 x [LS3] 1/4 x 3" Lag Screw (flat washer)
- 4 x [S11] #8 x 2" Wood Screw
- 2 x [S4] #8 x 3" Wood Screw

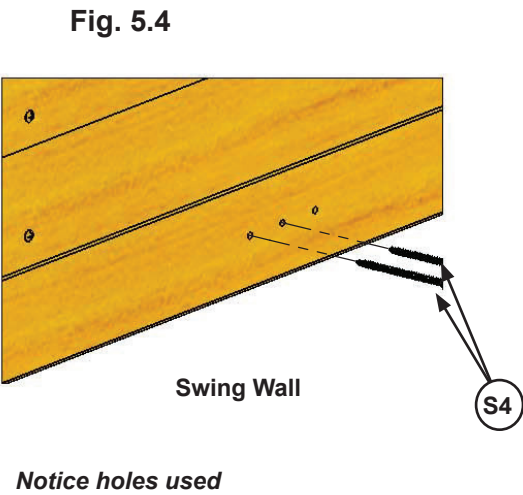
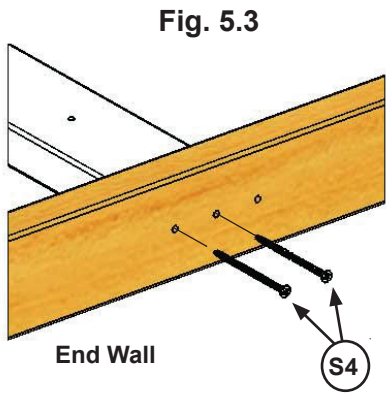
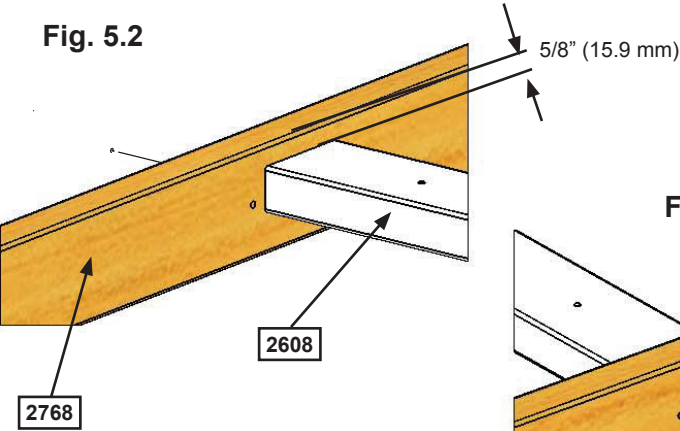
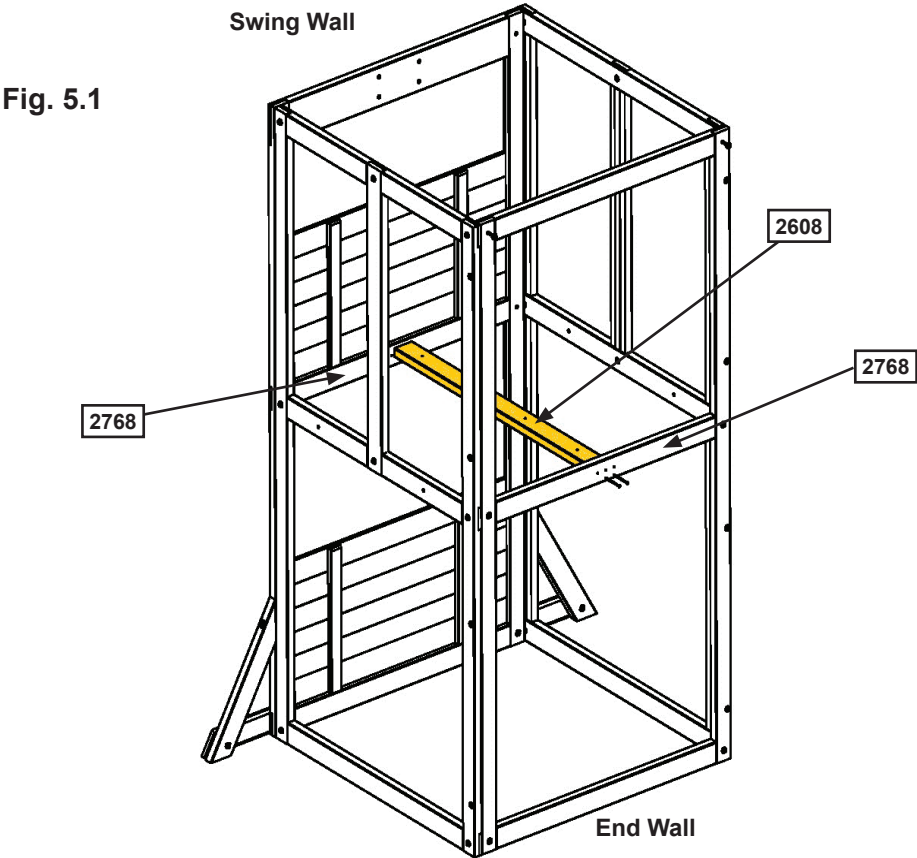


# Step 5: Floor Assembly

## Part 1



**A:** From inside of the assembly centre (2608) Floor Joist over the pilot holes in both (2768) Panel Floors in the Swing and End Walls, measure 5/8" (15.9 mm) down from the top of boards then attach (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)



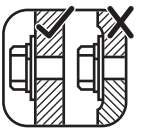
### Wood Parts

1 x 2608 Floor Joist 31.8 x 76.2 x 1035.1mm

### Hardware

4 x S4 #8 x 3" Wood Screw

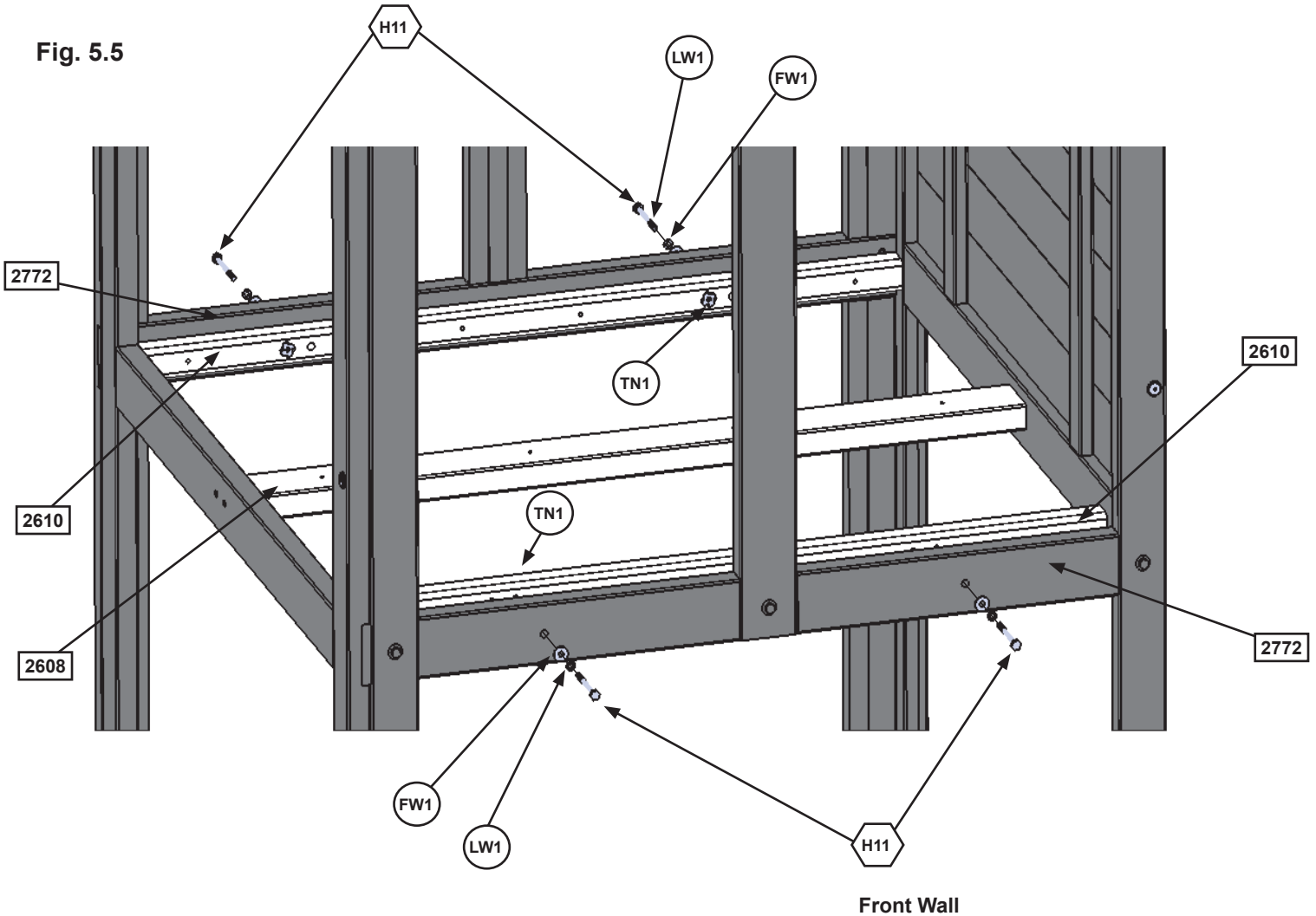
## Step 5: Floor Assembly Part 2



**B:** On the inside of both the Front and Back Walls loosely attach 1 (2610) Side Joist to each (2772) Panel Floor Support with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 5.5. Make sure both (2610) Side Joist are level with (2608) Floor Joist.

Back Wall

Fig. 5.5




Front Wall

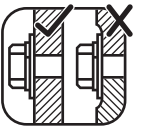
### Wood Parts

2 x  Side Joist 38.1 x 38.1 x 1022.4mm

### Hardware

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

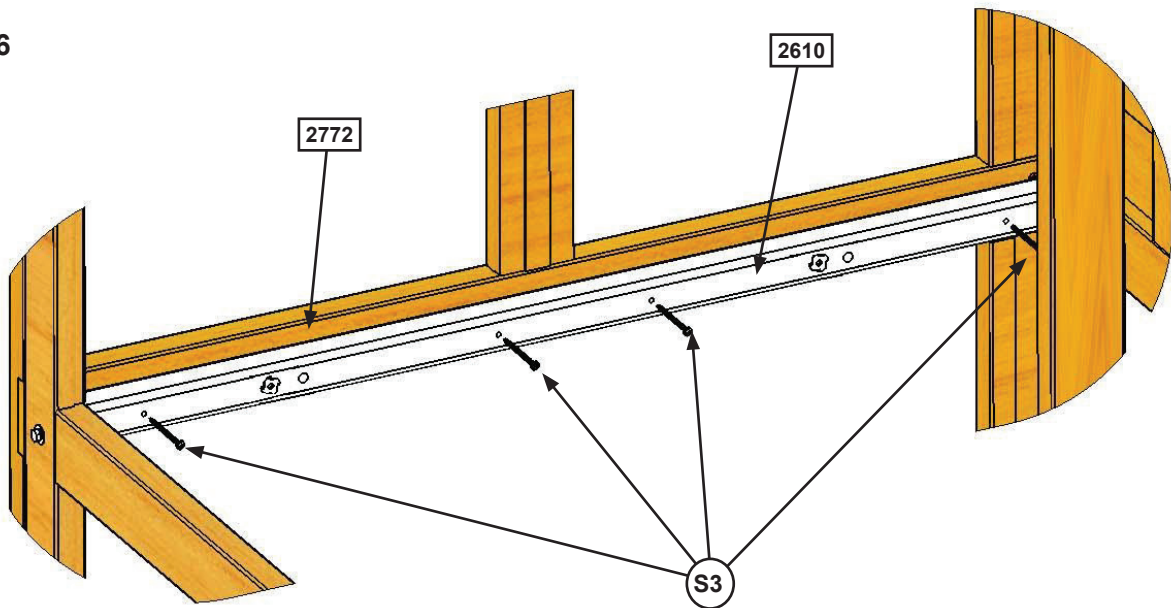
## Step 5: Floor Assembly Part 3



**C:** Fasten each (2610) Side Joist 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 (2610) Side Joist.

Fig. 5.6



### Hardware

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

# Step 5: Floor Assembly Part 4

E: Starting at (2627) SW Wall Panel 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 (2610) Side Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 5.7 and 5.8)

Fig. 5.7

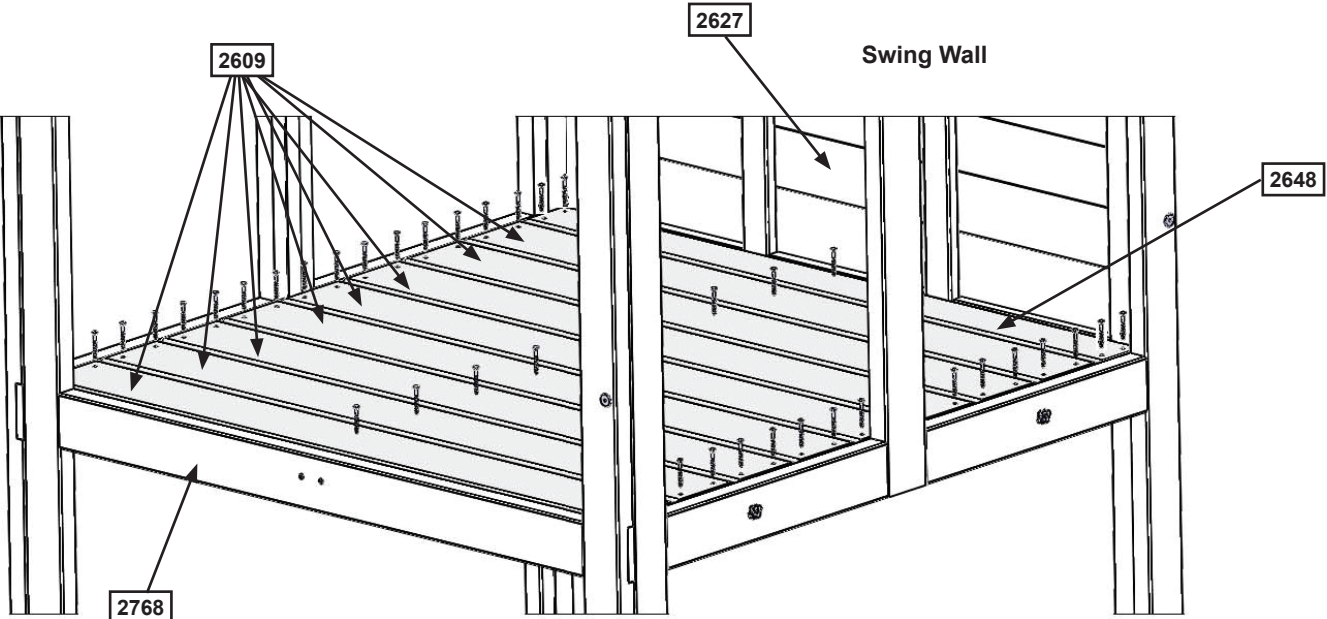
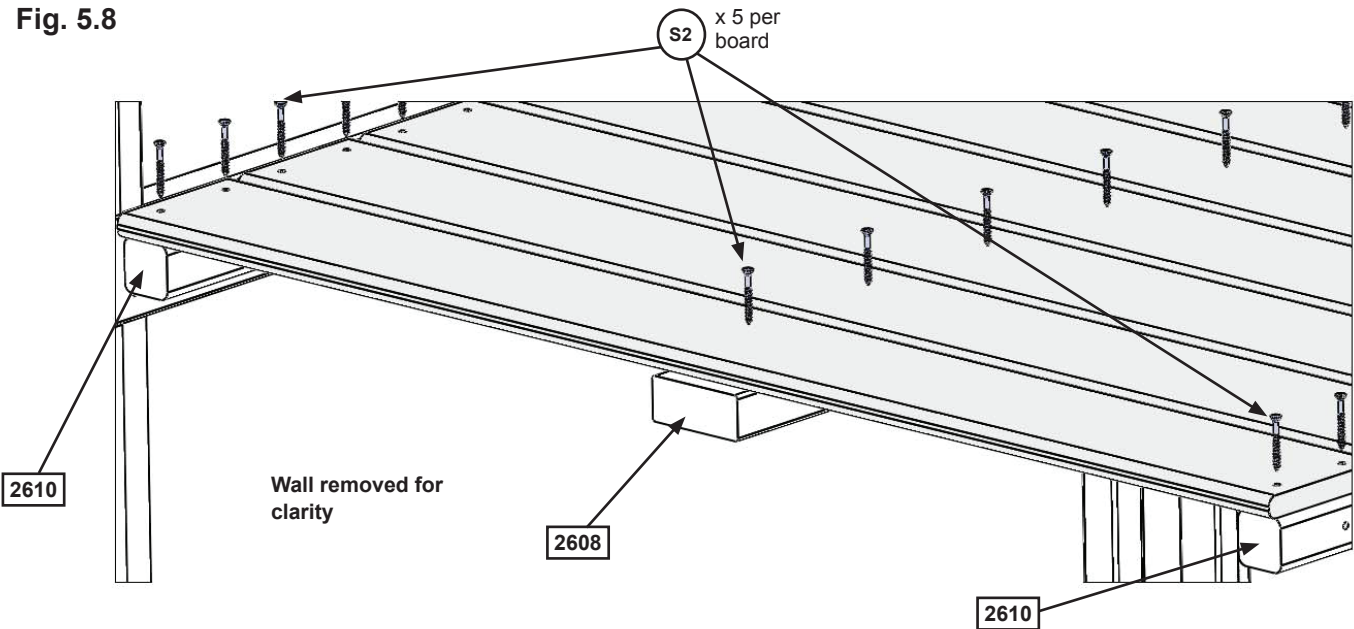


Fig. 5.8



## Wood Parts

- 1 x 2648 Floor Board 15.9 x 85.7 x 1031.9 mm
- 8 x 2609 Floor Board 15.9 x 114.3 x 1031.9mm

## Hardware

- 45 x S2 #8 x 1-1/2" Wood Screw

## Step 6: Swing Beam Assembly

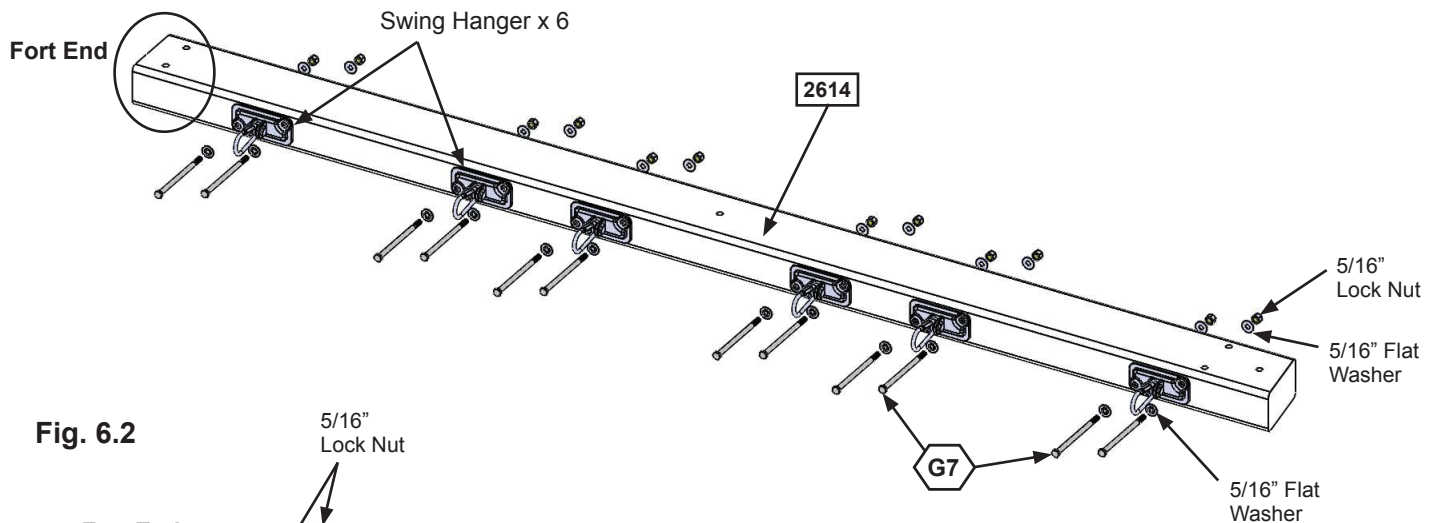


**A:** Attach 6 Swing Hangers to the (2614) Engineered Beam using 2 (G7) Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger as shown in fig. 6.1.

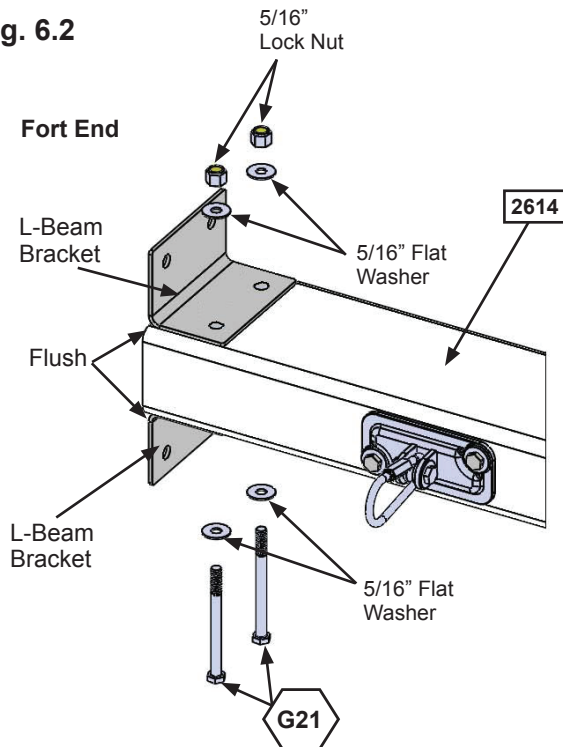
**B:** Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 6.2)

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

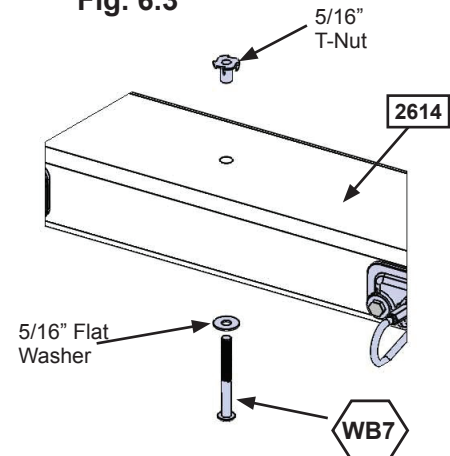
**Fig. 6.1**



**Fig. 6.2**



**Fig. 6.3**



### Wood Parts

1 x (2614) Engineered Beam 76.2 x 133.4 x 2235.2mm

### Hardware

12 x (G7) Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)

2 x (G21) Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)

1 x (WB7) Wafer Bolt (5/16" flat washer & 5/16" t-nut)

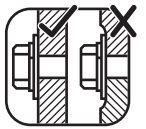
### Other Parts

6 x Swing Hangers

2 x L-Beam Bracket



## Step 7: Swing End Assembly

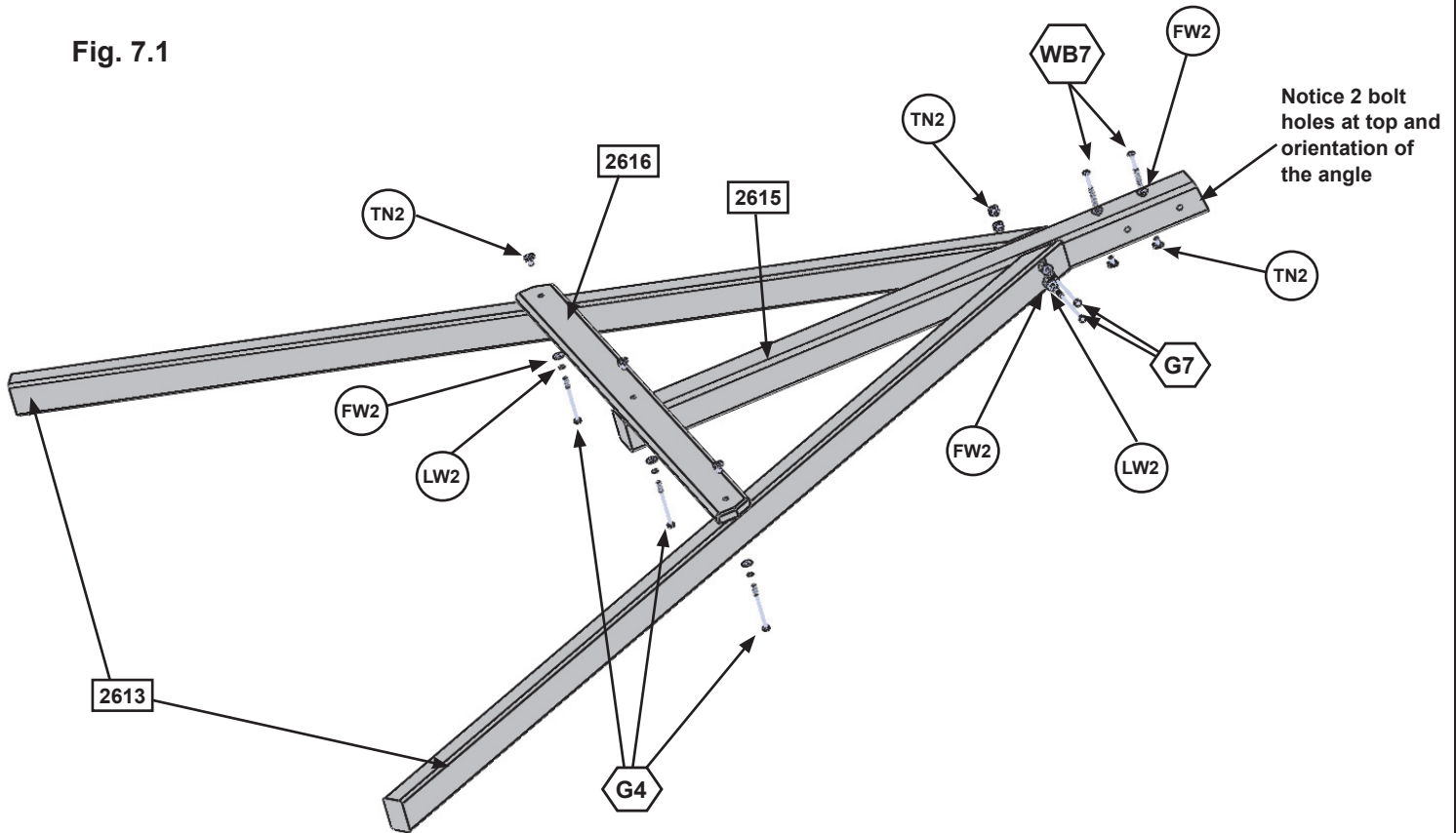


**A:** Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

**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. 7.1)

**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. 6.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 7.1



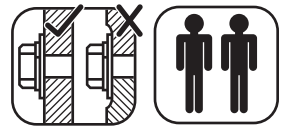
### Wood Parts

- 2 x 2613 Heavy SW Post 50.8 x 76.2 x 2201.9mm
- 1 x 2615 SW Upright 76.2 x 76.2 x 1294.3mm
- 1 x 2616 SW Support 23.8 x 82.6 x 1181.1mm

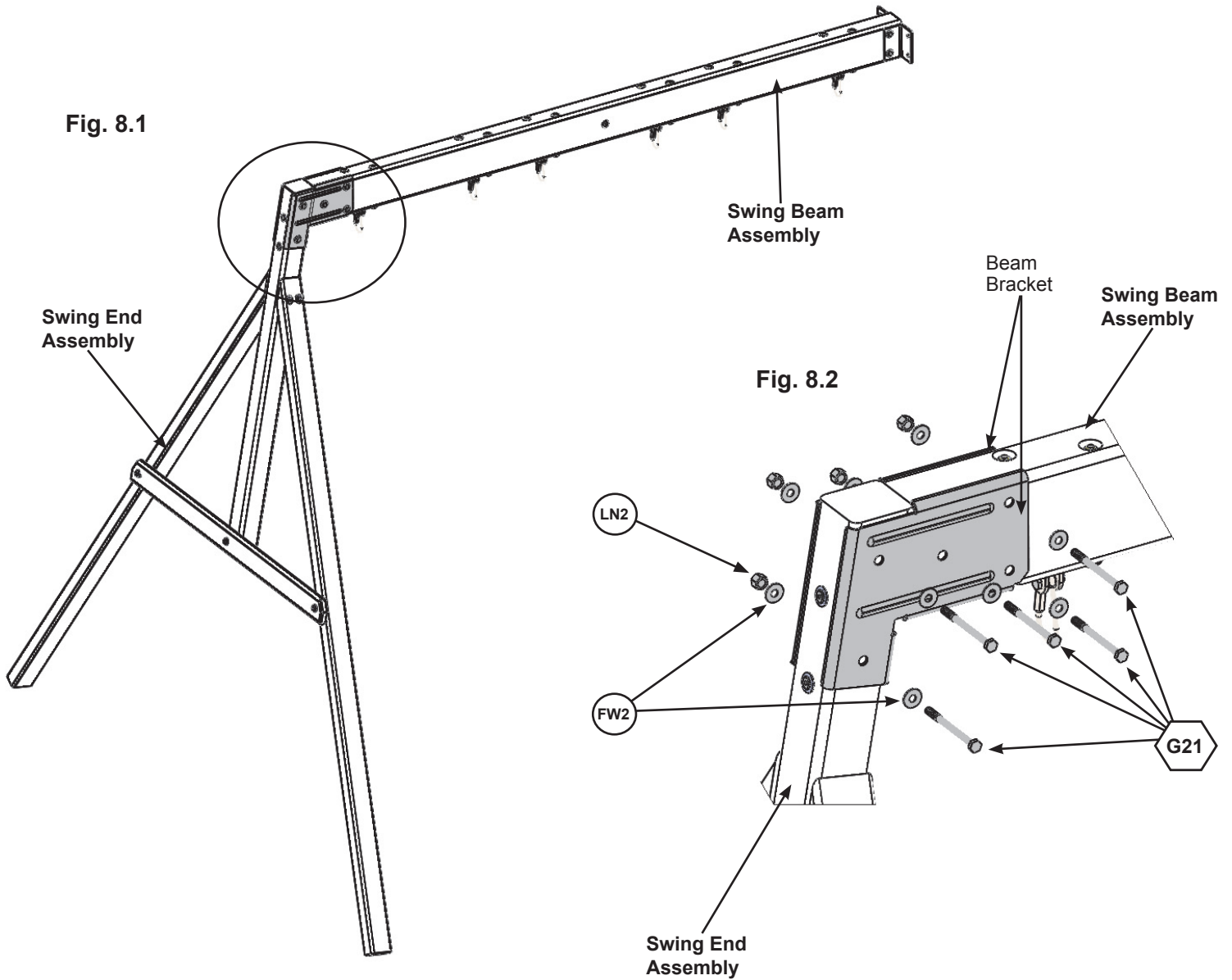
### Hardware

- 2 x G7 Hex Bolt (lock washer, flat washer, t-nut)
- 3 x G4 Hex Bolt (lock washer, flat washer, t-nut)
- 2 x WB7 Wafer Bolt (flat washer & t-nut)

## Step 8: Attach Swing End to Swing Beam



**A:** Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 8.1 and 8.2)



### Hardware

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

### Other Parts

2 x Beam Bracket (Left/Right)

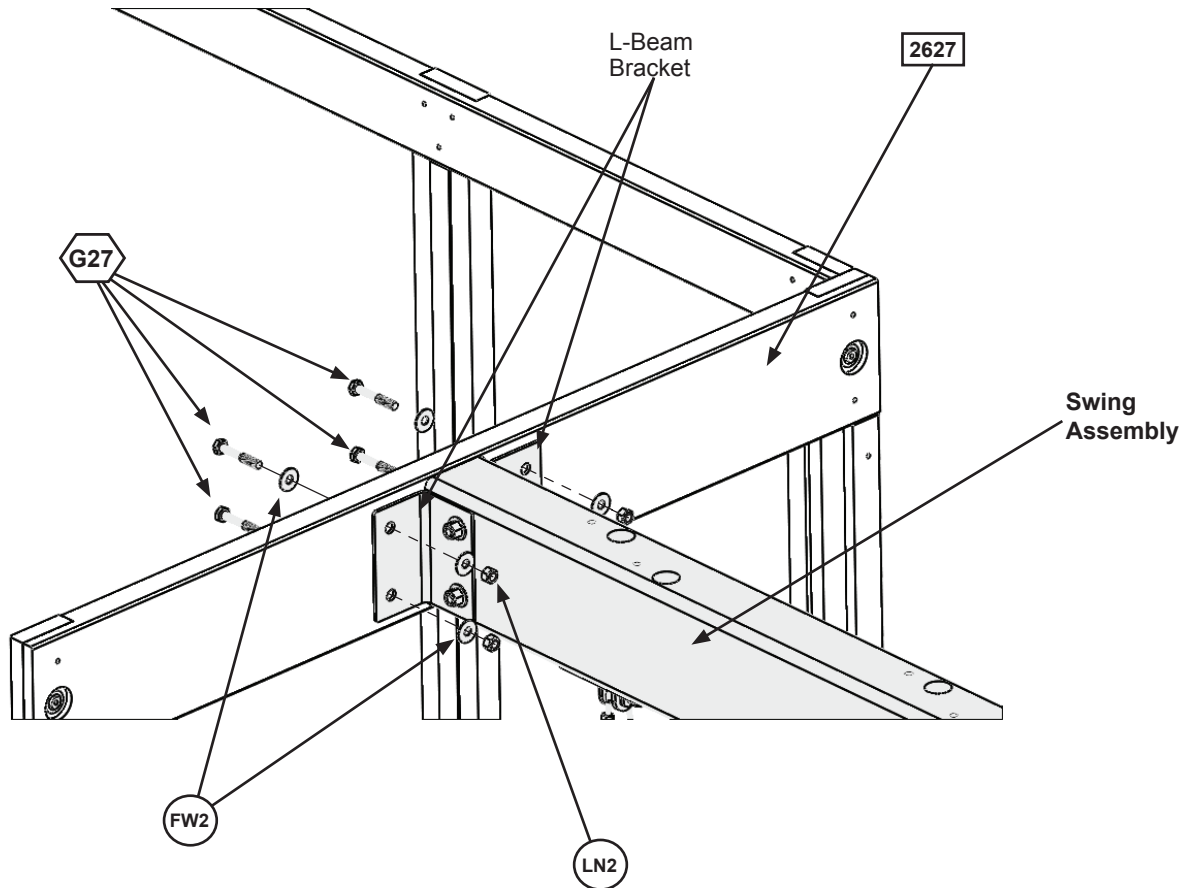


## Step 9: Attach Swing Assembly To Fort




**A:** Place Swing Assembly against top of (2627) SW Wall Panel, make sure assembly is level then attach from inside the fort assembly into each L-Beam Bracket with 4 (G27) 5/16 x 1 3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 9.1)

Fig. 9.1



### Hardware

4 x  5/16 x 1-3/4" Hex Bolt  
(flat washer x 2, lock nut)

## Step 10: Install Ground Stakes

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

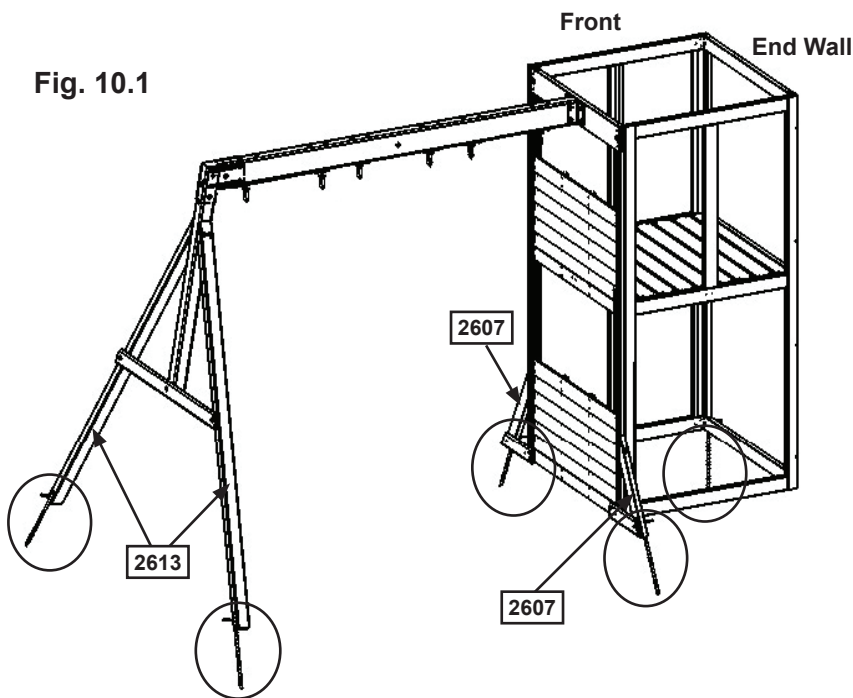
**A:** In the 5 places shown in (fig.10.1) drive the Rebar Ground Stakes 13" (330mm) into the ground against outside front corner of End Wall Assembly, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause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

**B:** Attach ground stakes using 1 (S7) #12 x 2" Pan Screw per ground stake (fig. 10.2 and 10.3).

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

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

Fig. 10.1



**SEE FRONT COVER  
FOR SAFETY CLEARANCE**

Fig. 10.2

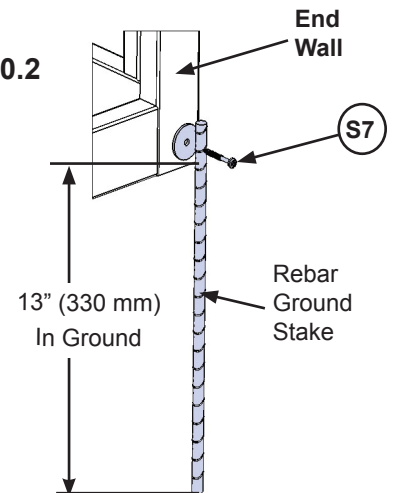
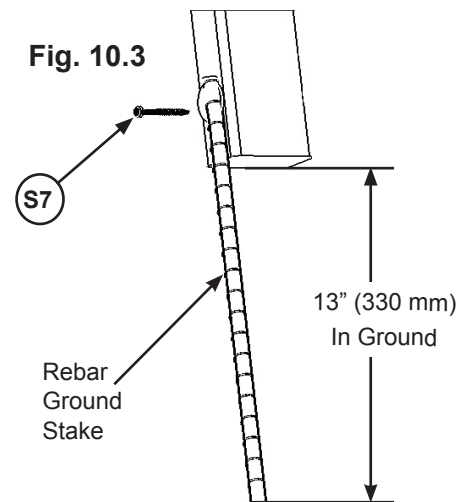


Fig. 10.3



#### Hardware

5 x (S7) Pan Screw

#### Other Parts

5 x Rebar Ground Stake

## Step 11: Install Upper and Lower Jambs



**A:** In the upper opening of End Wall Assembly place 1 (2602) Upper Jamb so it measures 17" (432mm) to the inside of each post then attach with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.1 & 11.2 & 11.3)

**B:** In the lower opening of the Front Panel place 1 (2601) Lower Jamb so it measures 17" (432mm) to the inside of each post then attach (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.1, 11.2 and 11.3)

Fig. 11.1

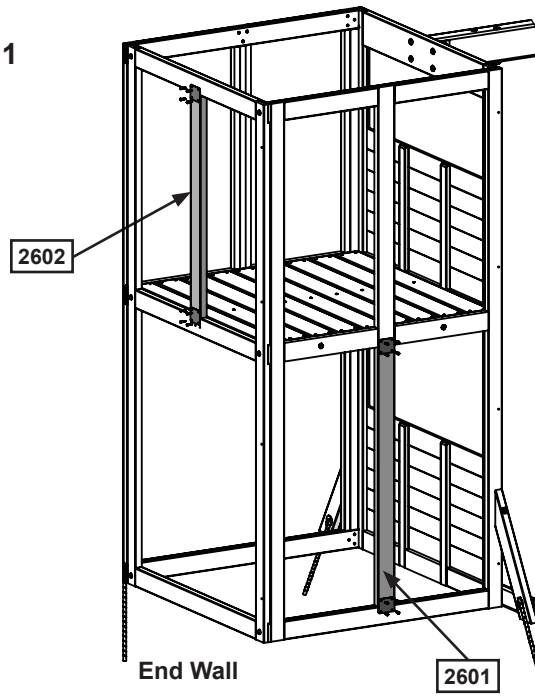


Fig. 11.2

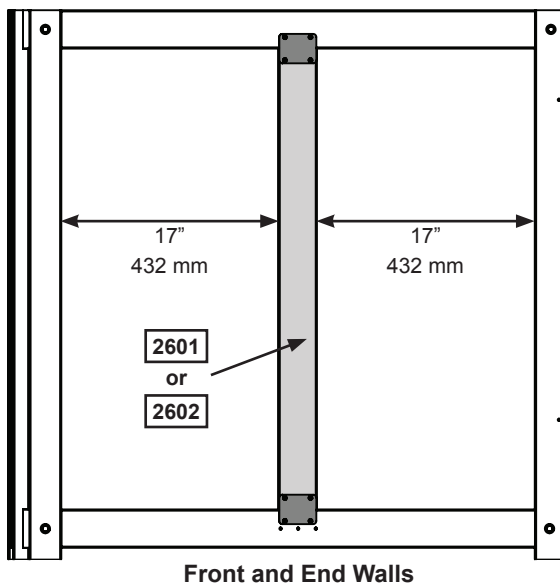
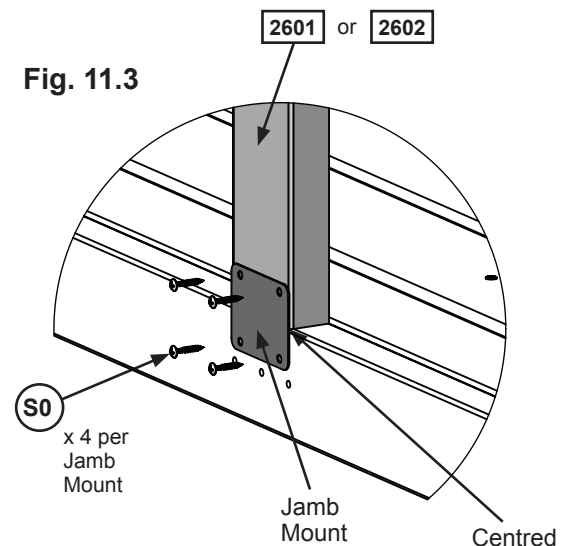


Fig. 11.3



### Wood Parts

- 1 x 2601 Lower Jamb 31.8 x 76.2 x 1065.2 mm
- 1 x 2602 Upper Jamb 31.8 x 76.2 x 912.8 mm

### Hardware

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

### Other Parts

- 4 x Jamb Mount

## Step 12: Install Tower Gussets



**A:** On the Back Wall, place 2 (2850) Tower Gussets so they are flat against the (2772) Panel Floor Support and to the insides of the (2771) End Post and (2770) End Post Left. Attach using 1 (S11) #8 x 2" Wood Screw and 1 (S4) #8 x 3" Wood Screw in the upper holes and 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) in the lower holes per Tower Gusset. (fig. 12.1 and 12.2) .

**B:** On the End Wall, place 2 (2850) Tower Gussets so they are flat against the (2768) Panel Floor and to the insides of the (2771) End Post and (2770) End Post Left. Attach using 1 (S11) #8 x 2" Wood Screw and 1 (S4) #8 x 3" Wood Screw in the upper holes and 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) in the lower holes per Tower Gusset. (fig. 12.1 and 12.2)

**Note:** Pre-drill with a 1/8"(3.2mm) drill bit before installing Lag Screw.

Fig. 12.1

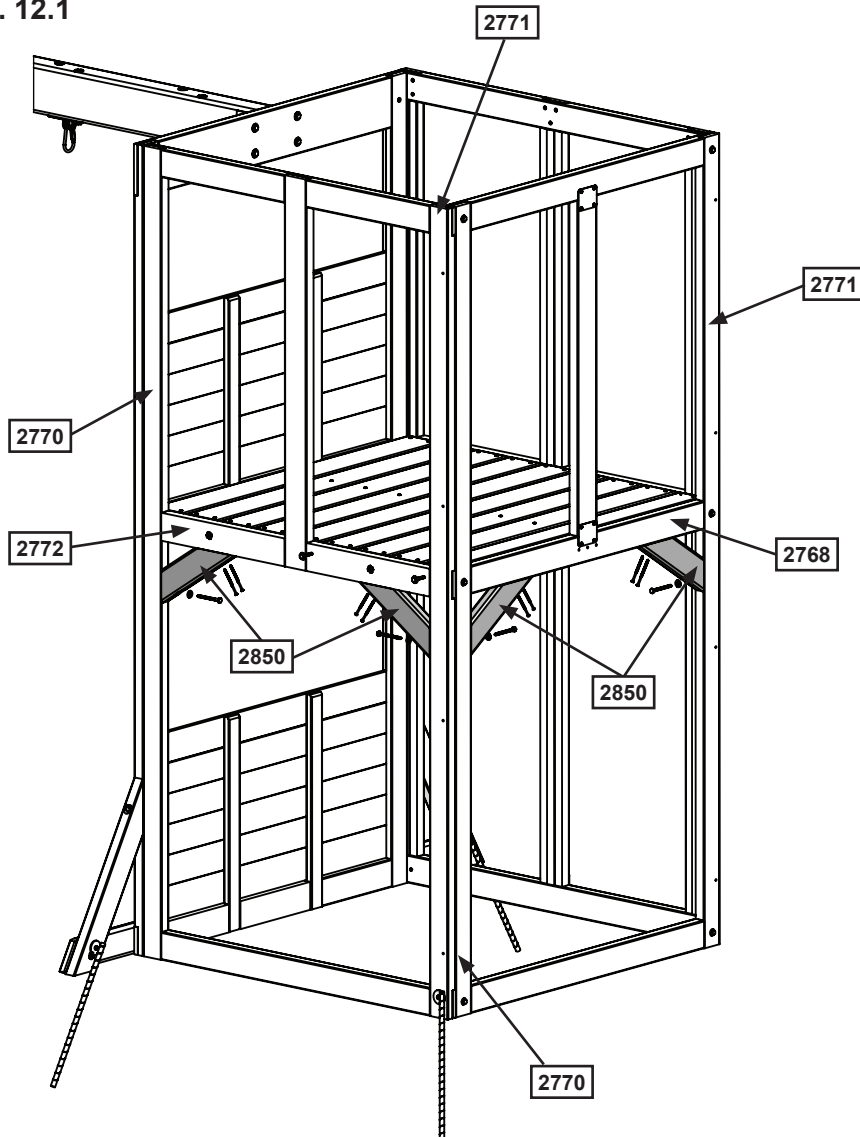
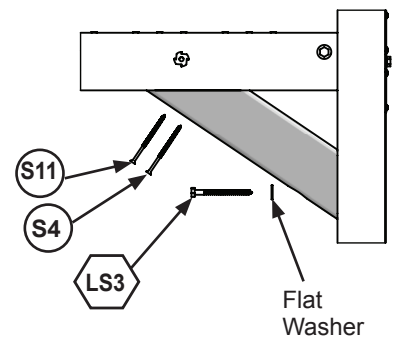


Fig. 12.2  
Side View



### Wood Parts

4 x Tower Gussets 31.8 x 76.2 x 304.8mm

### Hardware

4 x #8 x 3" Wood Screw  
 4 x #8 x 2" Wood Screw  
 4 x 1/4 x 3" Lag Screw (with flat washer)

# Step 13: Access Ladder Assembly Part 1



## ATTENTION: IMPORTANT INFORMATION ABOUT YOUR ASSEMBLY

All holes for the dowel assemblies **MUST** be pre-drilled using a 1/8" drill bit. Failure to pre-drill can result in splitting and/or cracking of the wood pieces.

A 1/8" drill bit has been included here, please refer to images below for instruction on how to correctly pre-drill and install the dowels.

**A:** Insert 3 (1578) Dowels into (2846) Ladder Rail Right and (2845) Ladder Rail Left, as shown in fig. 13.1. Making sure that the holes in both rails are at the top, facing outwards.

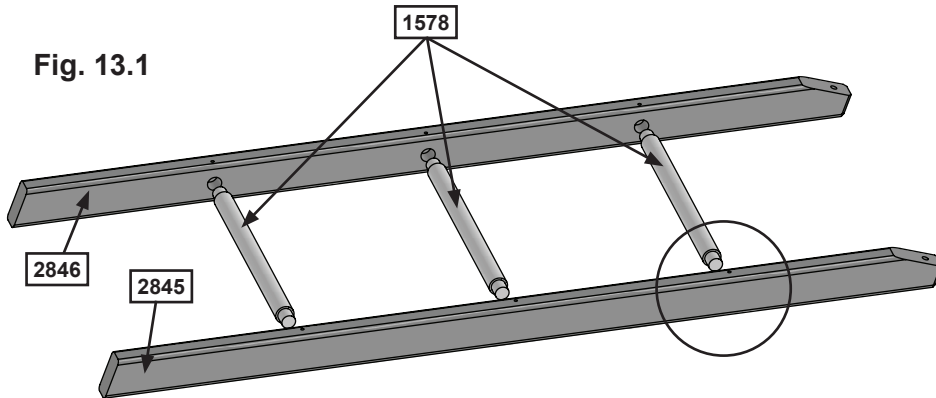


Fig. 13.1

Pre-drill 1/8" (3.2mm) pilot holes through Dowels to prevent splitting.  
Then fasten the screws to secure the Dowels.  
Check that screw has properly secured the dowel.

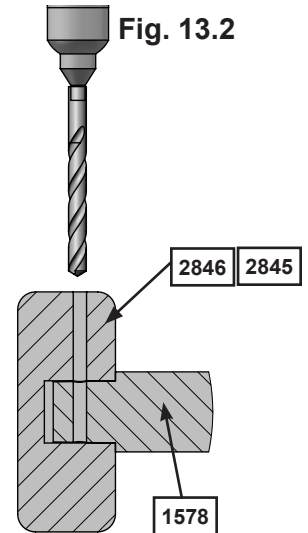


Fig. 13.2

Warning Make sure shoulder is against Post before drilling pilot holes.

**B:** Make sure shoulder of dowel is against each rail before pre-drilling pilot holes. Drill 1/8"(3.2mm) pilot holes through the rails and into the dowels to prevent splitting. (fig. 13.2)

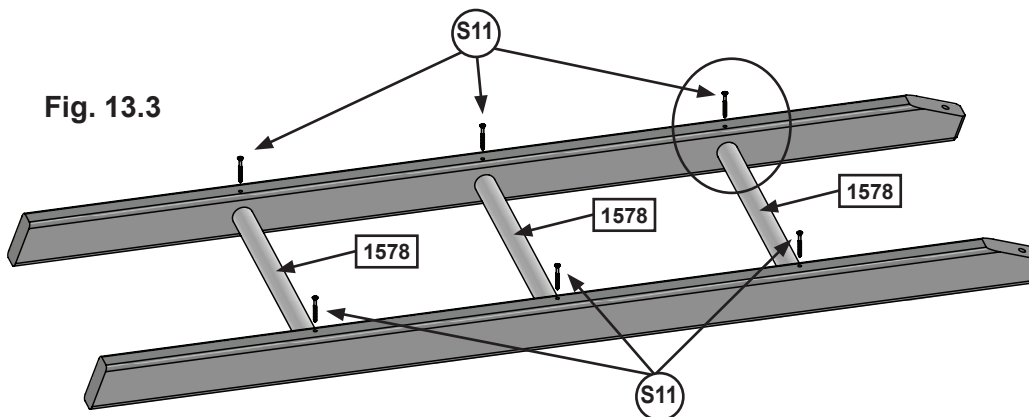
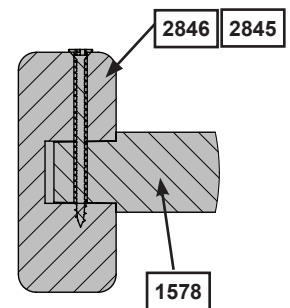


Fig. 13.3

Fig. 13.4



**C:** Attach (1578) Dowels to both rails with 2 (S11) #8 x 2" Wood Screws per dowel. (fig. 13.3 and 13.4)

### Wood Parts

- 3 x 1578 Dowel 28.6 x 403.2mm
- 1 x 2845 Ladder Rail Left 34.9 x 63.5 x 1310.5mm
- 1 x 2846 Ladder Rail Right 34.9 x 63.5 x 1310.5mm

### Hardware

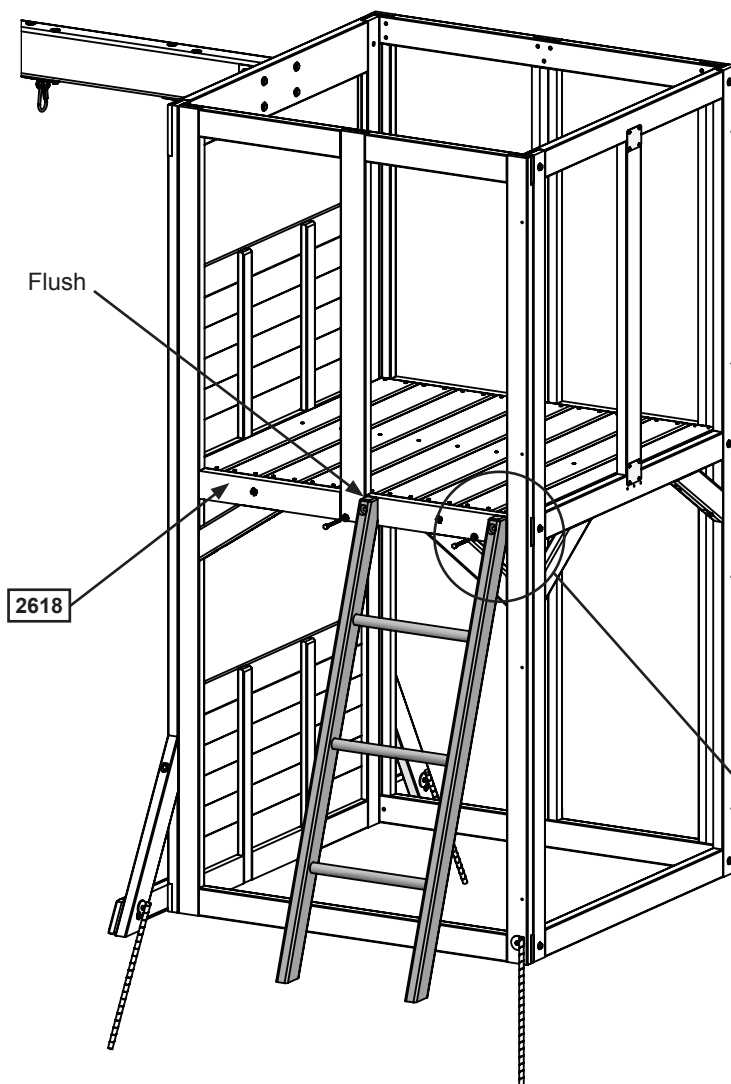
- 6 x S11 #8 x 2" Wood Screw

## Step 13: Access Ladder Assembly Part 2

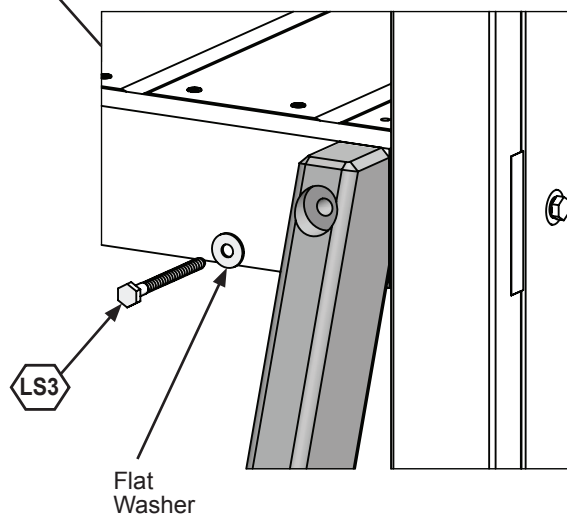


**D:** On the Back Wall of the assembly and to the right, place Ladder Assembly against (2618) as shown in fig. 13.5 making sure that it is flush. Pre-drill holes with a 1/8"(3.2mm) drill bit then attach using 2 (LS3) 1/4 x 3" Lag Bolt (with flat washer). (fig. 13.6)

**Fig. 13.5**



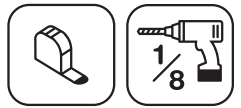
**Fig. 13.6**



### Hardware

2 x  1/4 x 3" Lag Bolt (with flat washer)

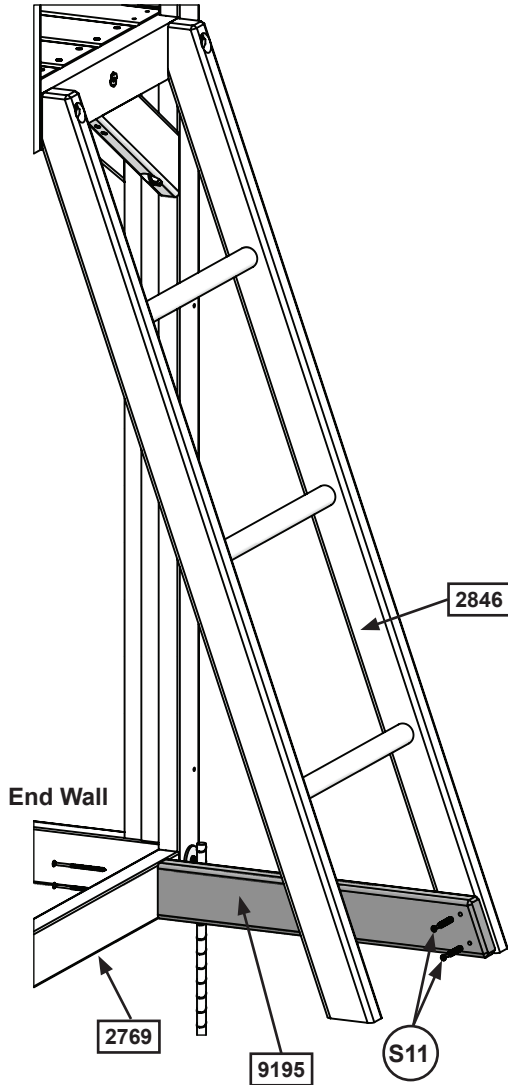
## Step 13: Access Ladder Assembly Part 3



**E:** On the inside bottom of (2846) Ladder Rail Right attach 1 (9195) Ladder Brace using 2 (S11) #8 x 2" Wood Screws keeping it flush to (2769) Panel BT Frame. (fig. 13.7 and 13.8)

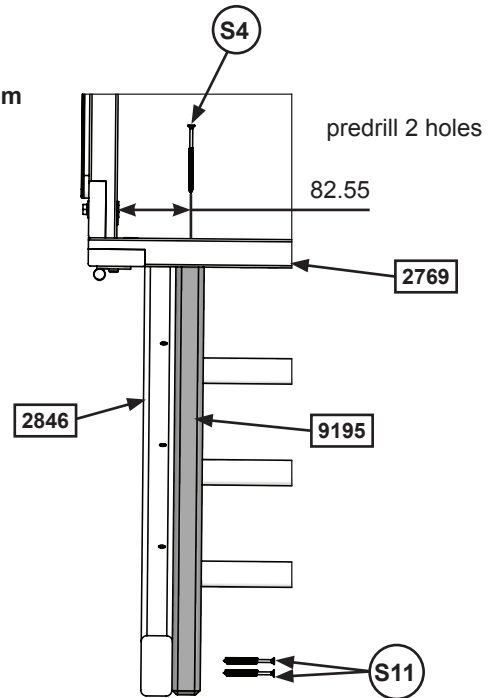
**F:** From inside the Fort measure approximately 3" (82.5mm) from the bottom of the End Wall. Pre-drill 2 holes using a 1/8" (3.2mm) drill bit. Install 2 (S4) #8 x 3" Wood Screws through the (2769) Panel BT Frame and into the (9195) Ladder Brace as shown in (fig. 13.8).

**Fig. 13.7**



**Fig. 13.8**

View From Bottom



### Wood Parts

1 x [9195] Ladder Brace 31.8 x 76.2 x 482.6mm

### Hardware

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

2 x (S4) #8 x 3" Wood Screw



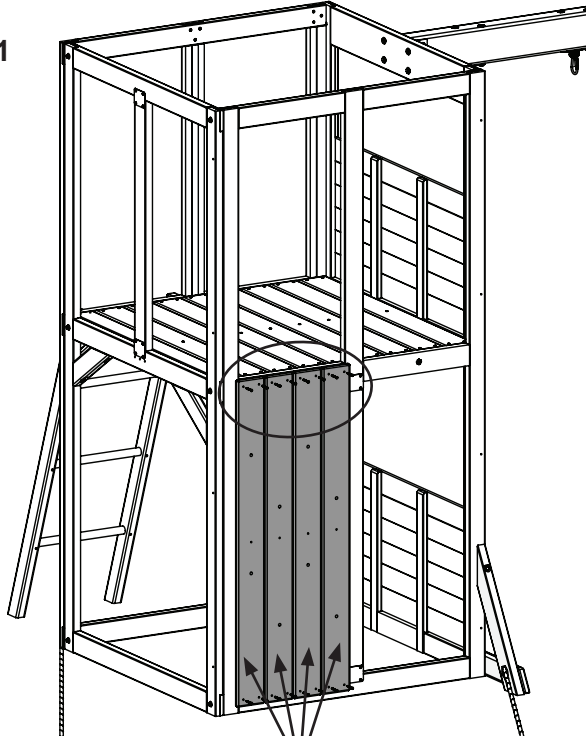
# Step 14: Vertical Wall Assembly Part 1



**A:** On the lower left hand side of the Front Wall place 4 (2851) Vertical Rock Boards tight together making sure that they are centered in the opening and flush to the top. **It is important to note hole orientation, every other board needs to be flipped.** Attach using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 14.1 and 14.2)

**B:** From inside the fort have a helper hold the (2847) Rock Support horizontally so that it lines up with the pre-drilled holes along the center of the Vertical Rock Boards. Attach from the outside using 1 (S2) #8 x 1-1/2" Wood Screw per board. (fig. 14.3, 14.4 and 14.5)

Fig. 14.1



Note orientation, every other board is flipped

Fig. 14.2

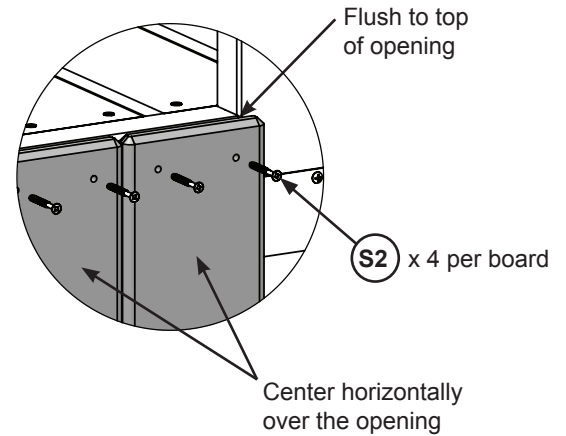


Fig. 14.3  
Inside View

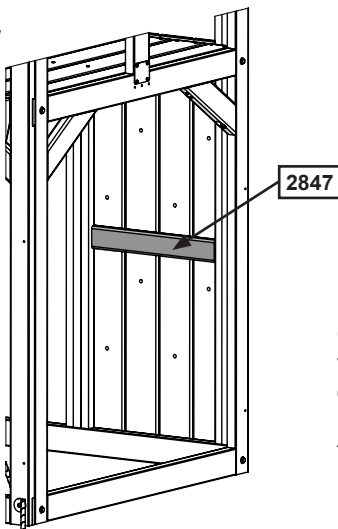
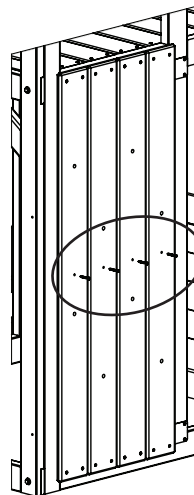
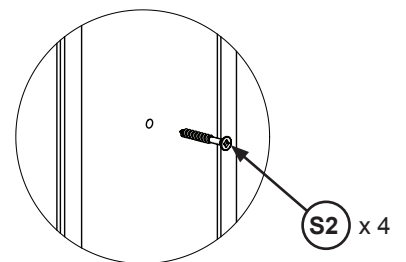


Fig. 14.4  
Outside View



One person holds the Rock Support on the inside while it gets screwed from the outside

Fig. 14.5



## Wood Parts

- 4 x 2851 Vertical Rock Board 15.9 x 114.3 x 1193.8mm
- 1 x 2847 Rock Support 25.4 x 63.5 x 419.1mm

## Hardware

- 20 x S2 #8 x 1-1/2" Wood Screw

## Step 14: Vertical Wall Assembly Part 2

**C:** Alternating shapes, attach 2 rocks to each (2851) Vertical Rock Board using 1 (PB2)  $\frac{1}{4}$  x 1- $\frac{1}{4}$ " Pan Bolt (with  $\frac{1}{4}$ " lock washer,  $\frac{3}{16}$ " flat washer and  $\frac{1}{4}$ " barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 14.6 and 14.7)

**Make sure all hardware is used to secure each rock properly.**

Fig. 14.6

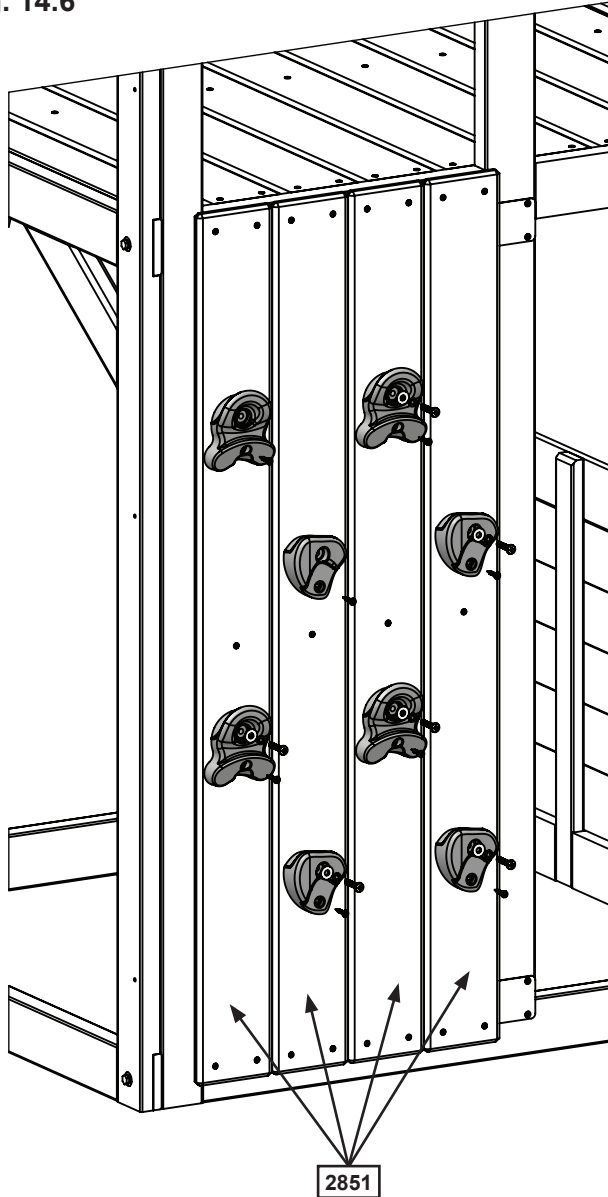
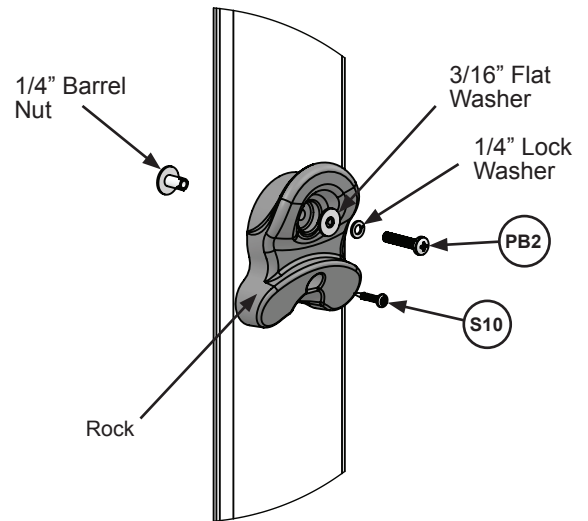




Fig. 14.7



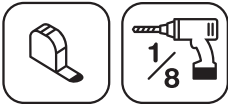
### Hardware

- 8 x  #8 x 1" Pan Screw
- 8 x   $\frac{1}{4}$  x 1- $\frac{1}{4}$ " Pan Bolt  
(lock washer, flat washer & barrel nut)

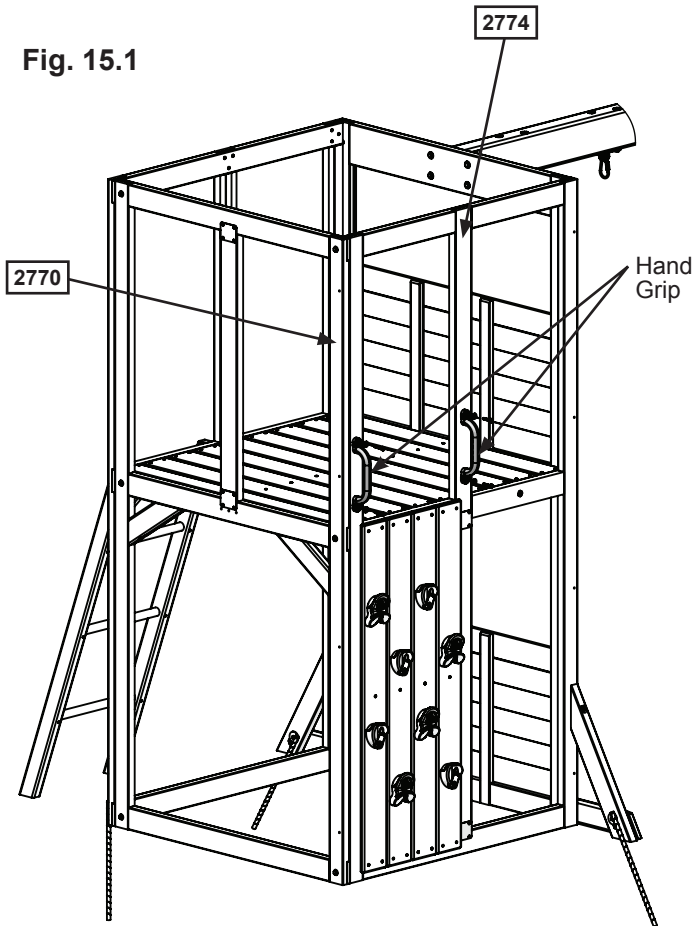
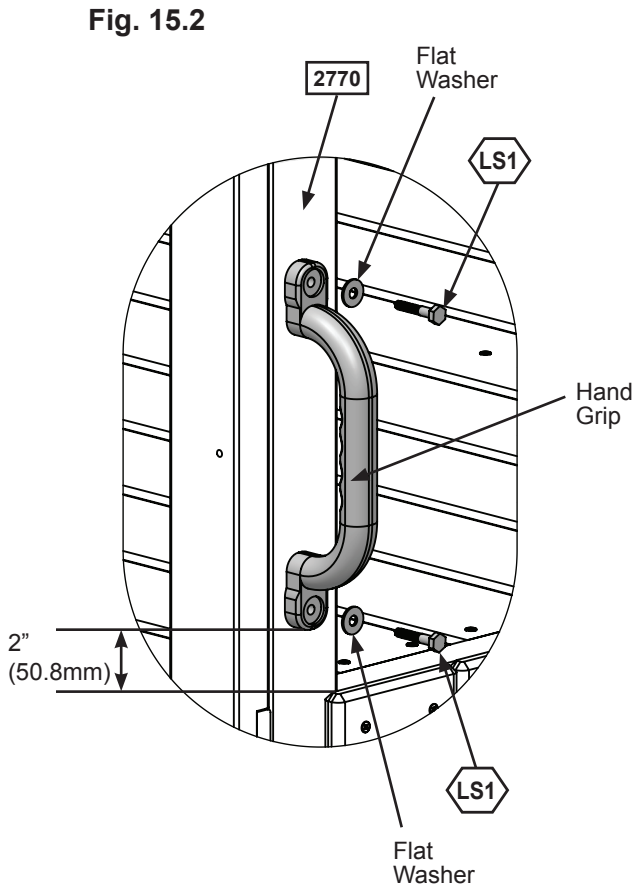
### Other Parts


- 2 x 4pk Rocks

# Step 15: Attach Hand Grips



- A:** On the (2770) End Post Left measure 2”(50.8mm) up from the top of the Vertical Rock Boards and center 1 Hand Grip on the post. Pre-drill with a 1/8”(3.2mm) drill bit and attach using 2 (LS1) 1/4 x 1-1/2” Lag Screw (with flat washers). (fig. 15.1 and 15.2)
- B:** Repeat step A to attach second hand grip to the (2774) Upright.



**Hardware**  
4 x  1/4 x 1-1/2” Lag Screw  
(with flat washer)

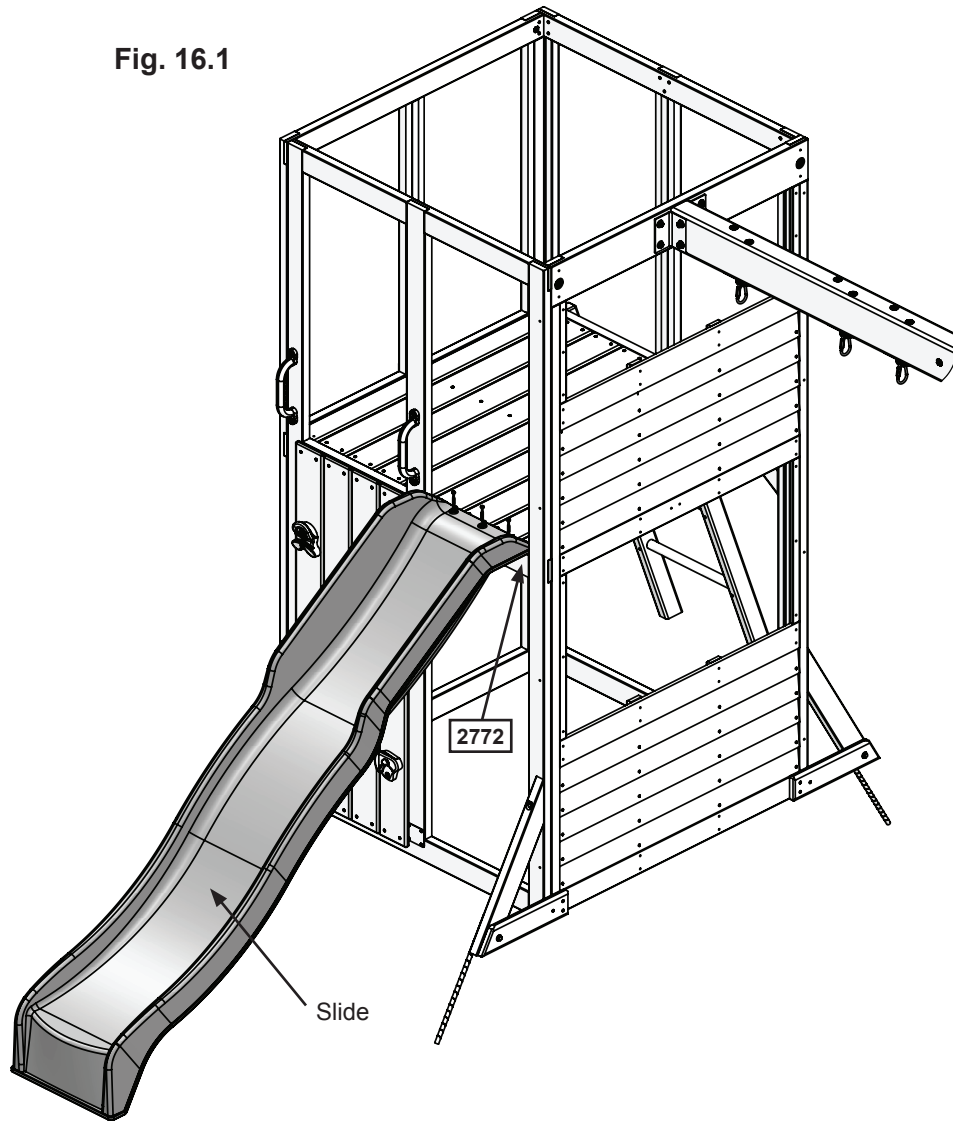
**Other Parts**  
2 x Hand Grip

## Step 16: Attach Slide to Fort

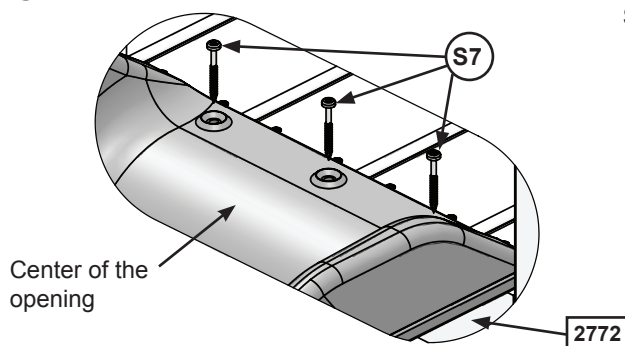


**A:** Place Slide in the center of the opening on the front right of the fort as shown in fig. 16.1, pre-drill with a 1/8" (3.2 mm) drill bit then attach slide to fort through the (2772) Panel Floor Support using 3 (S7) #12 x 2" Pan Screws. (fig. 16.2 and 16.3)

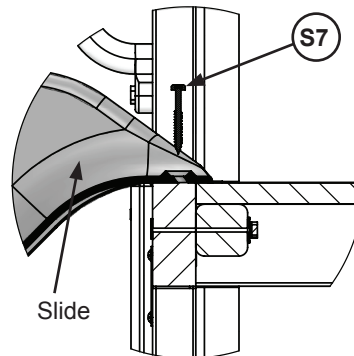
**Fig. 16.1**



**Fig. 16.2**



**Fig. 16.3**  
Side View



### Hardware

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

### Other Parts

1 x Slide

# Step 17: Lower Jamb Assembly



**A:** In the lower opening of the Back Panel place 1 (2601) Lower Jamb so it measures 17" (432mm) to the inside of each post then attach (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 17.1, 17.2)

Fig. 17.1

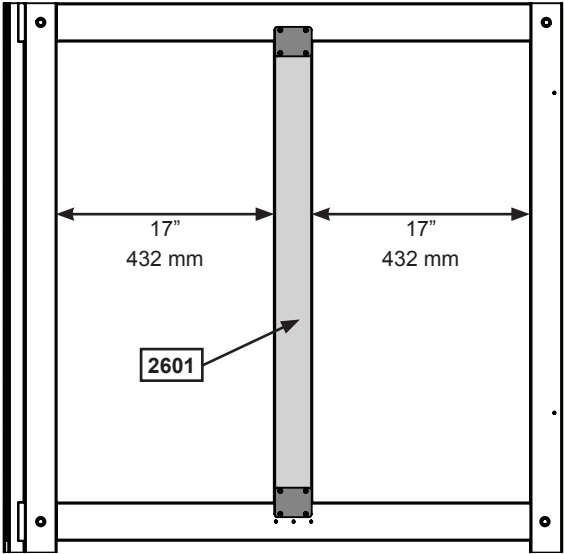
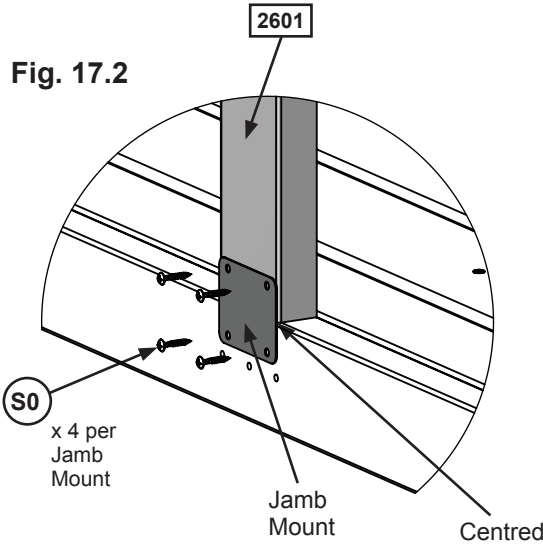


Fig. 17.2



**Wood Parts**

1 x 2601 Lower Jamb 31.8 x 76.2 x 1065.2 mm

**Hardware**

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

**Other Parts**

2 x Jamb Mount

## Step 18: Banister Assembly



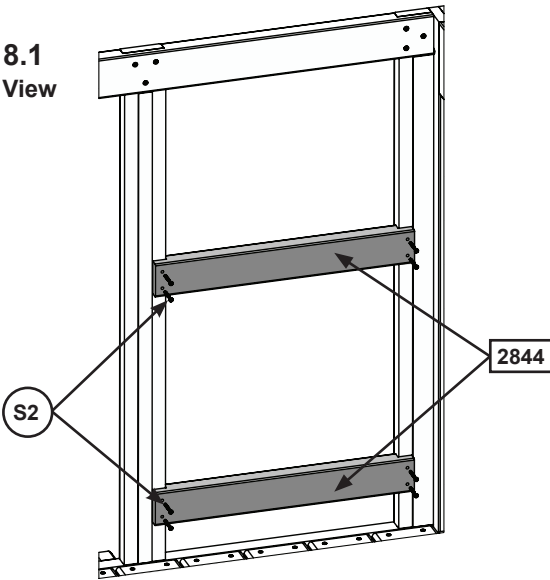
**A:** From inside the fort on the top right hand side of the End Wall measure 3" (76.2mm) up from the top of the floor boards. Attach 1 (2844) Horizontal using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1 and 18.2)

**B:** Measure 15" (381mm) up from the top of the (2844) Horizontal installed in Step A and install a second (2844) Horizontal using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1 and 18.2)

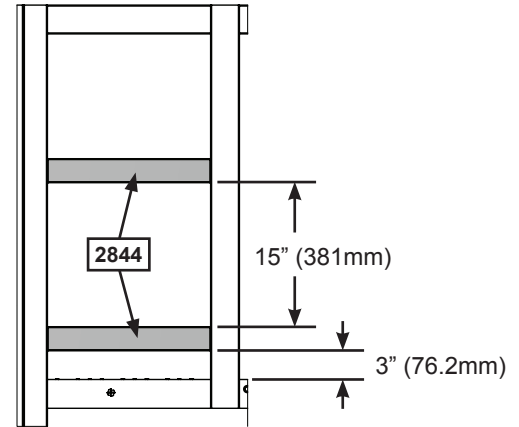
**C:** From inside the assembly evenly space 3 (2840) Ballusters as shown in fig. 9.4 and attach using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 18.4)

**D:** Repeat to install banister in lower left side of Back wall.

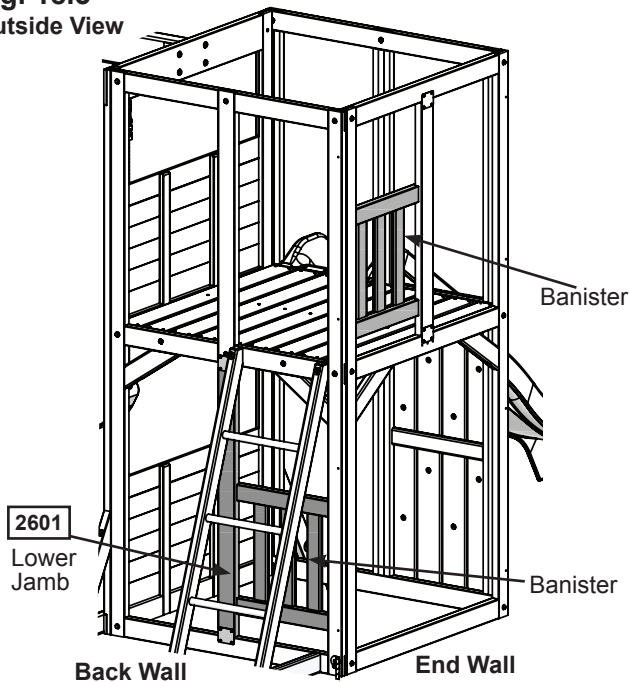
**Fig. 18.1**  
Inside View



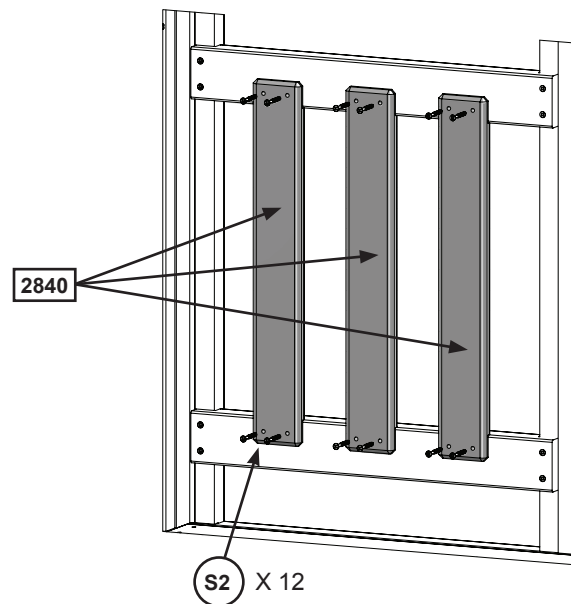
**Fig. 18.2**  
Front View



**Fig. 18.3**  
Outside View



**Fig. 18.4**  
Inside View



### Wood Parts

- 4 x 2844 Horizontal 31.8 x 63.5 x 479.4mm
- 6 x 2840 Ballusters 19.1 x 63.5 x 444.5mm

### Hardware

- 40 x S2 #8 x 1-1/2" Wood Screw

Activity & Roof Add On

Step 19: Gable End Assembly

Part 1

- A:** Attach one (2852) Roof End to a second (2852) Roof End at peak using 1 (S3) #8 x 2-1/2" Wood Screw. (Fig. 19.1)
- B:** Place 1 (2853) Roof Support between the Roof Ends so the bottom of the Roof Support is flush with the bottoms of each Roof End. Attach using 2 (S4) #8 x 3" Wood Screws (Fig. 19.1 and 19.2)
- C:** Repeat step to make 4 assemblies.

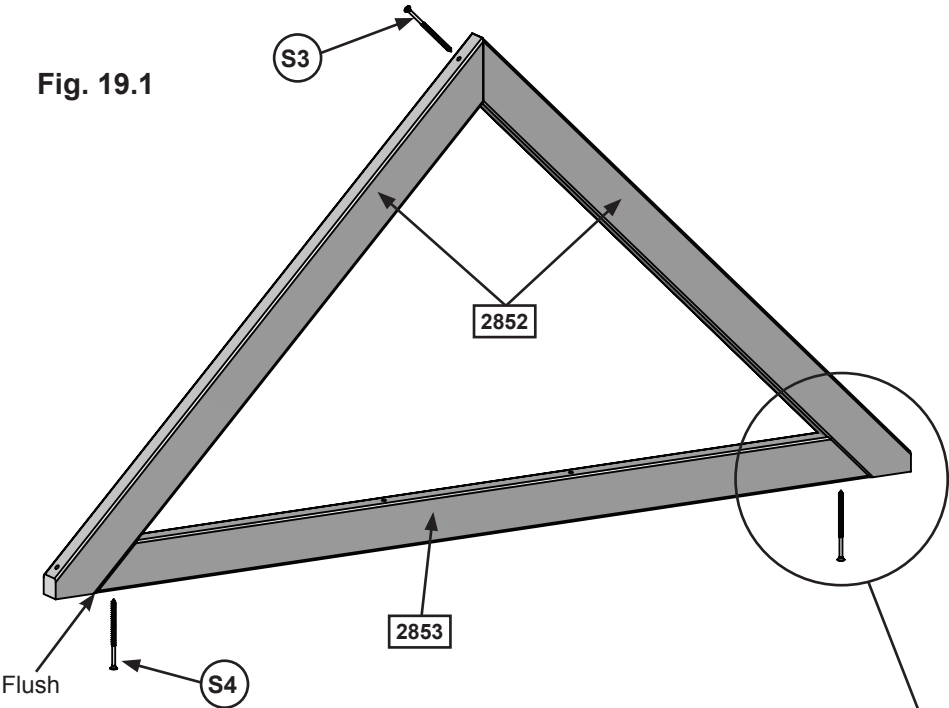
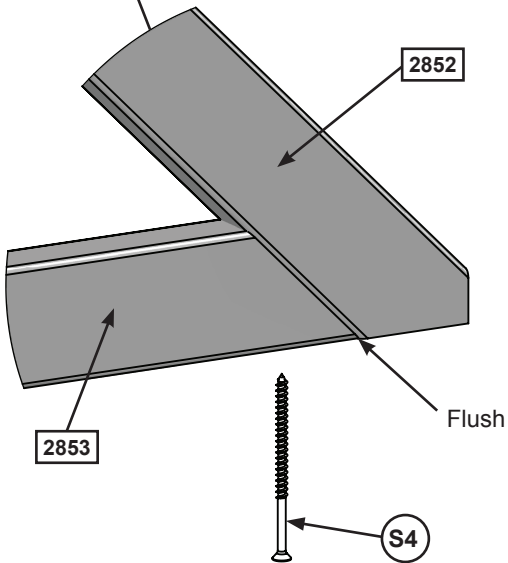


Fig. 19.2



Wood Parts

- 8 x 2852 Roof End 25.4 x 50.8 x 754.7mm
- 4 x 2853 Roof Support 25.4 x 50.8 x 946.2mm

Hardware

- 4 x S3 #8 x 2-1/2" Wood Screw
- 8 x S4 #8 x 3" Wood Screw

## Step 19: Gable End Assembly Part 2



**D:** From the peak of the gable assembly measure approximately 3" (80.37mm) down and attach 1 (2843) Gable Board C using 4 (S2) #8 x 1-1/2" Wood Screws as shown in (fig. 52.3 and 52.4). There should be maintaining a 1" (25.40mm) space between the sides of Gable Board C and the edge of the Gable Assembly. (fig. 19.3 and 19.4)

**E:** Place (2841 and 2842) Gable Boards A and B on each side of the Gable assembly as shown in (fig. 19.3), again making sure that there is a space of 1" (25.40mm) between the boards and the edge of the gable and attach using 4 (S2) #8 x 1-1/2" per board. (fig. 19.3 and 19.4)

Fig. 19.3

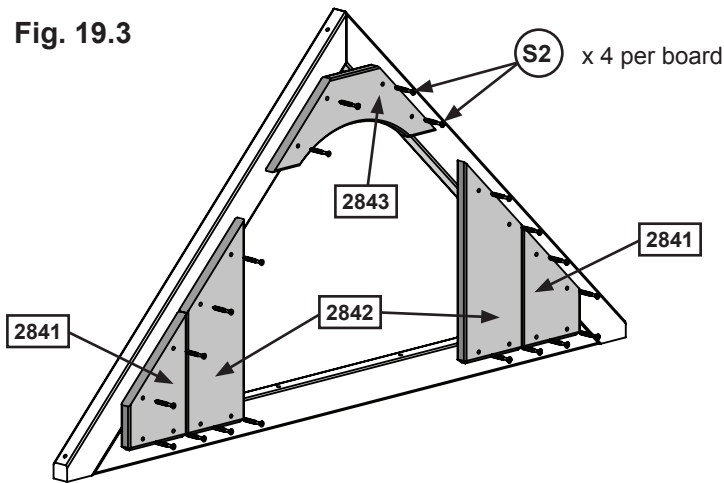
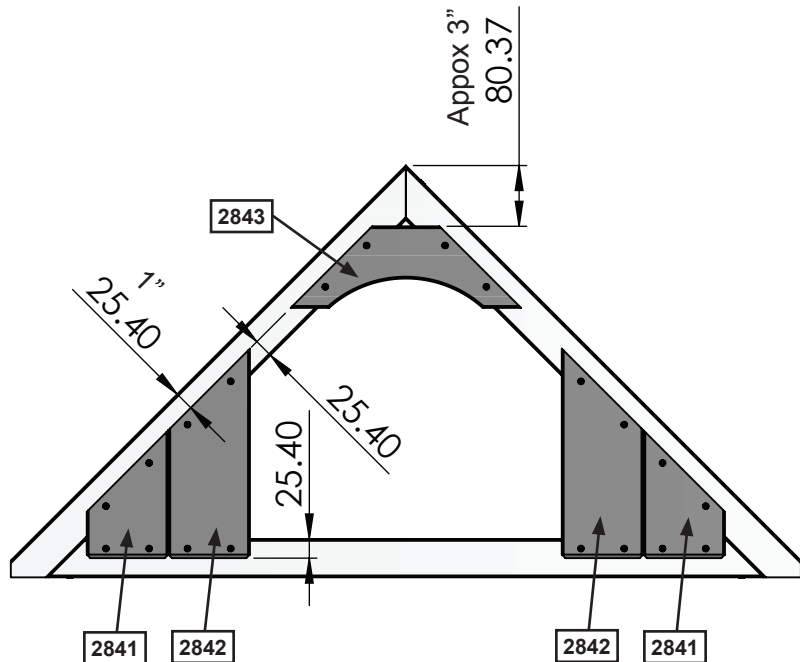


Fig. 19.4



### Wood Parts

- 8 x 2841 Gable Board A 15.9 x 108 x 169.3mm
- 8 x 2842 Gable Board B 15.9 x 108 x 277.2mm
- 4 x 2843 Gable Board C 15.9 x 108 x 304.8mm

### Hardware

- 80 x S2 #8 x 1-1/2" Wood Screw

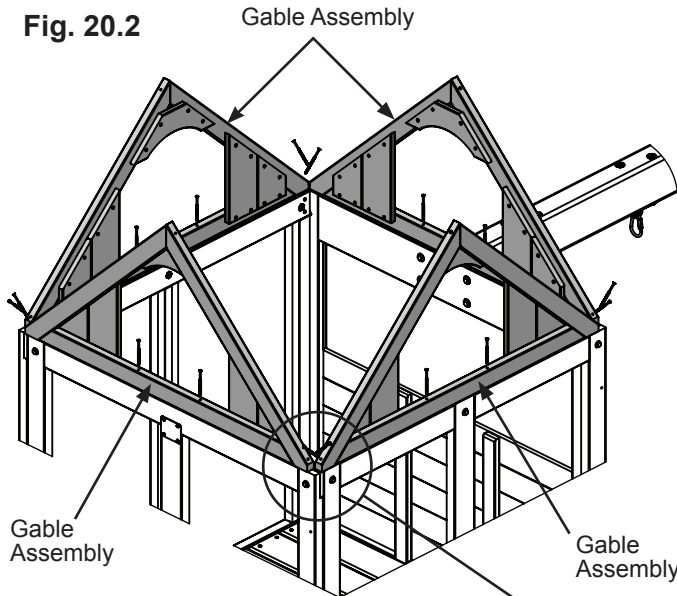


## Step 20: Attach Gables to Fort

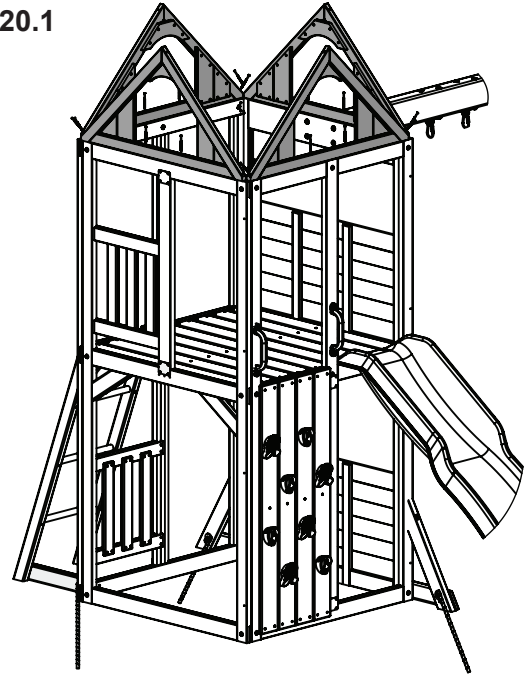


**A:** Center 1 Gable Assembly on the top of each wall panel as shown in fig. 20.2 making sure that the assemblies are flush with the front of the wall panels. Attach each Gable Assembly to the panel using 4 (S4) #8 x 3" Wood Screws per assembly making sure that the end screws are going in on an angle. (Fig. 20.2, 20.3, 20.4, 20.5 and 20.6)

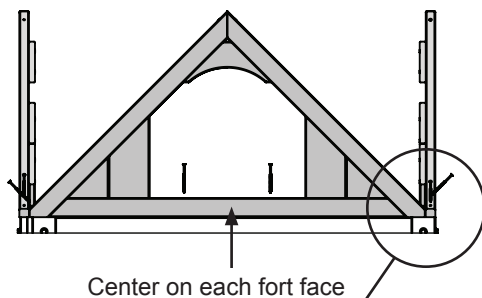
**Fig. 20.2**



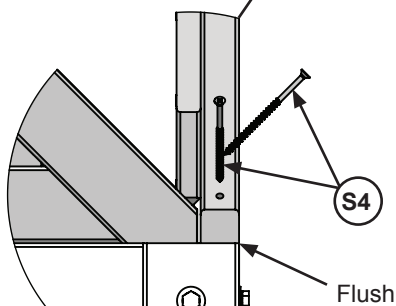
**Fig. 20.1**



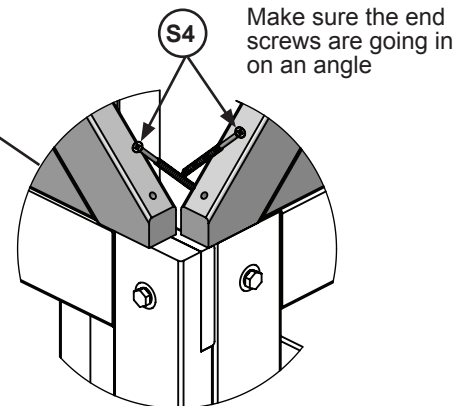
**Fig. 20.3**



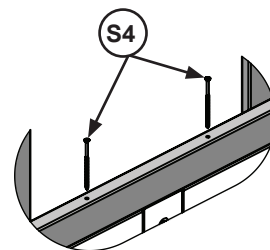
**Fig. 20.4**



**Fig. 20.5**



**Fig. 20.6**



### Hardware

16 x (S4) #8 x 3" Wood Screw

# Step 21: Attach Roof Panels Part 1



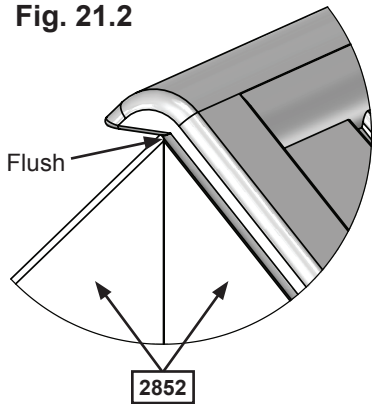
**Note:** It is important to ensure that there is a 5mm square opening in the top, center of the roof. This will be used in a later step.

**A:** Bend roof panel along the fold to allow the panel to fit between the gables. (Fig. 21.1)

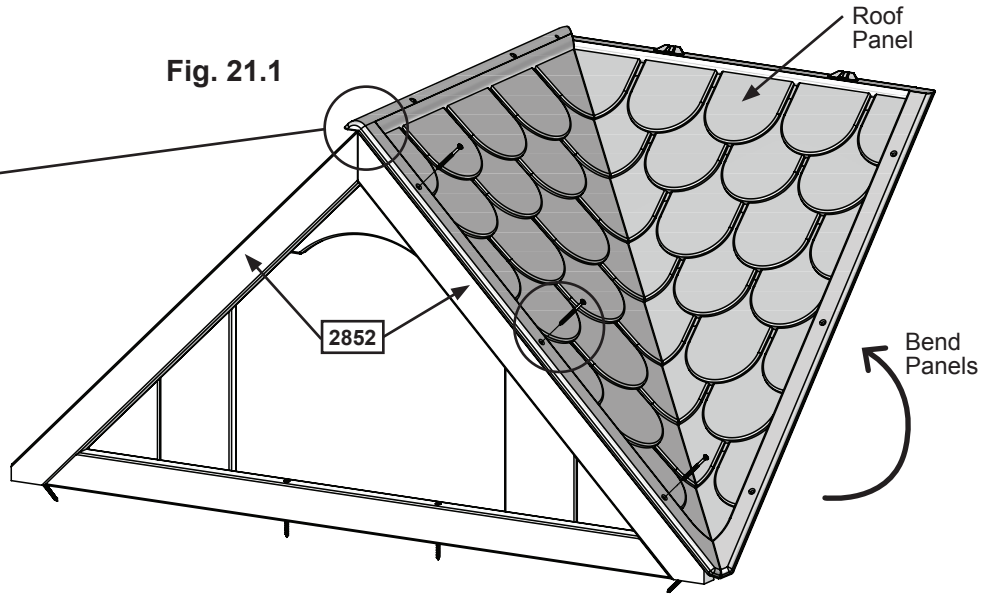
**B:** Place panel onto the gable as shown in fig. 4.1, making sure that it's flush to the end and side edge of the (2852) Roof End. (fig. 21.2 and 21.3)

**C:** Attach the roof panel to (2852) Roof End using 3 (S11) #8 x 2" Wood Screws per side. (fig. 21.1 and 21.4)

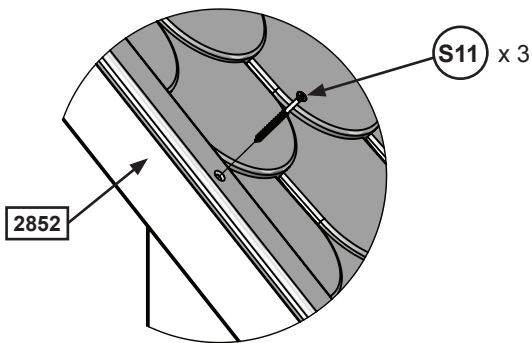
**Fig. 21.2**



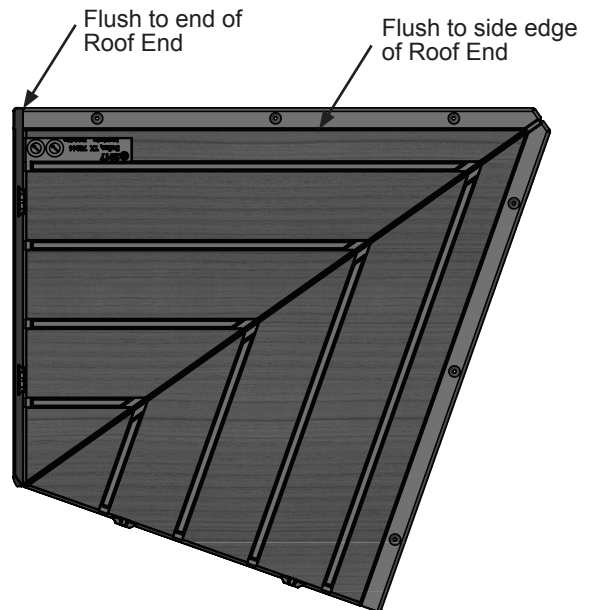
**Fig. 21.1**



**Fig. 21.4**



**Fig. 21.3**



## Hardware

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

## Other Parts

4 x Roof

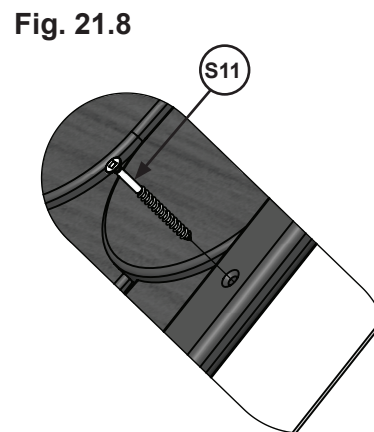
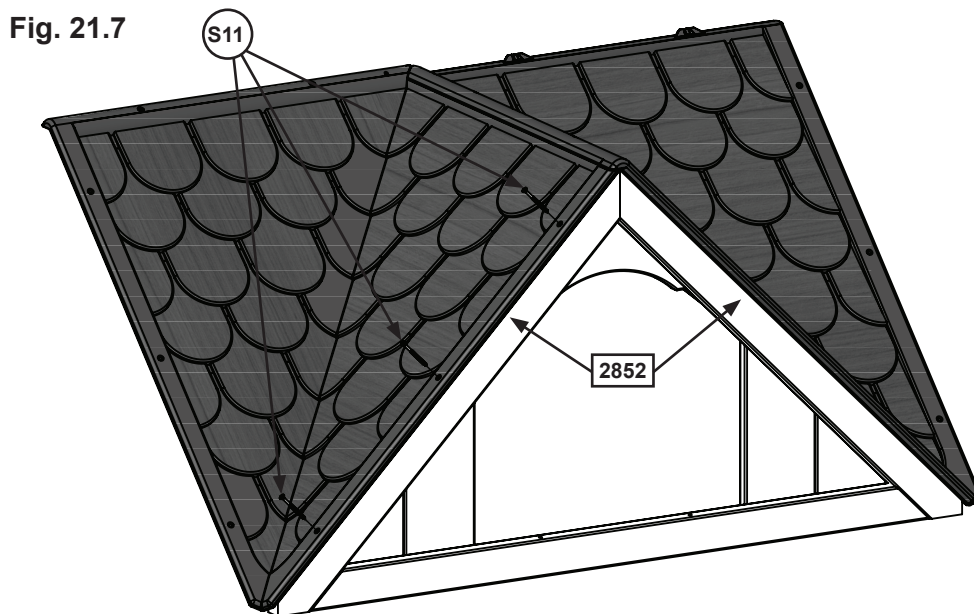
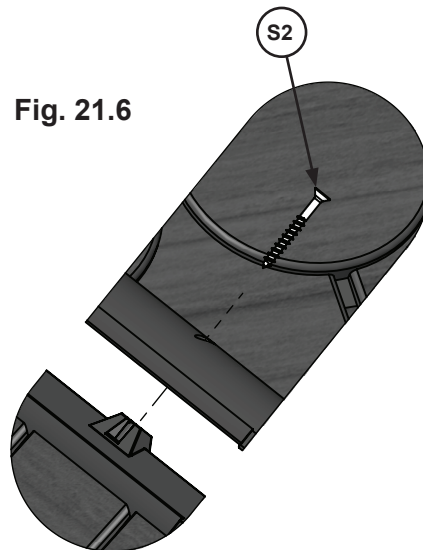
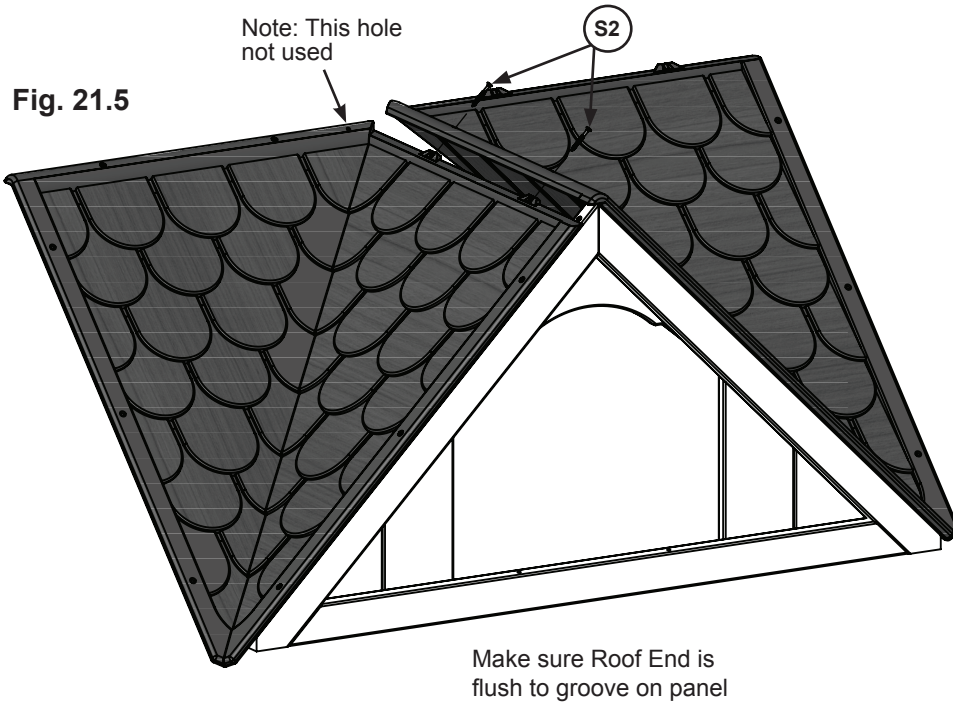
## Step 21: Attach Roof Panels Part 2



**D:** Take a second roof panel and fit the connector tabs so they are coupled with the panel that was previously installed. Snap them into place and attach panels together using 2 (S2) #8 x 1-1/2" Wood Screws and then attach panels to (2852) Roof End using 3 (S11) #8 x 2" Wood Screws. (fig. 21.5, 21.6, 21.7 and 21.8)

\* Other gables hidden for clarity

Begin with two gable assemblies and assemble as shown



### Hardware

6 x S11 #8 x 2" Wood Screw

2 x S2 #8 x 1-1/2" Wood Screw

# Step 21: Attach Roof Panels

## Part 3



E: Repeat all steps to complete the roof assembly, making sure that a 5mm square opening is left in the center of the roof assembly. (fig. 21.9, 21.10 and 21.11)

Fig. 21.9

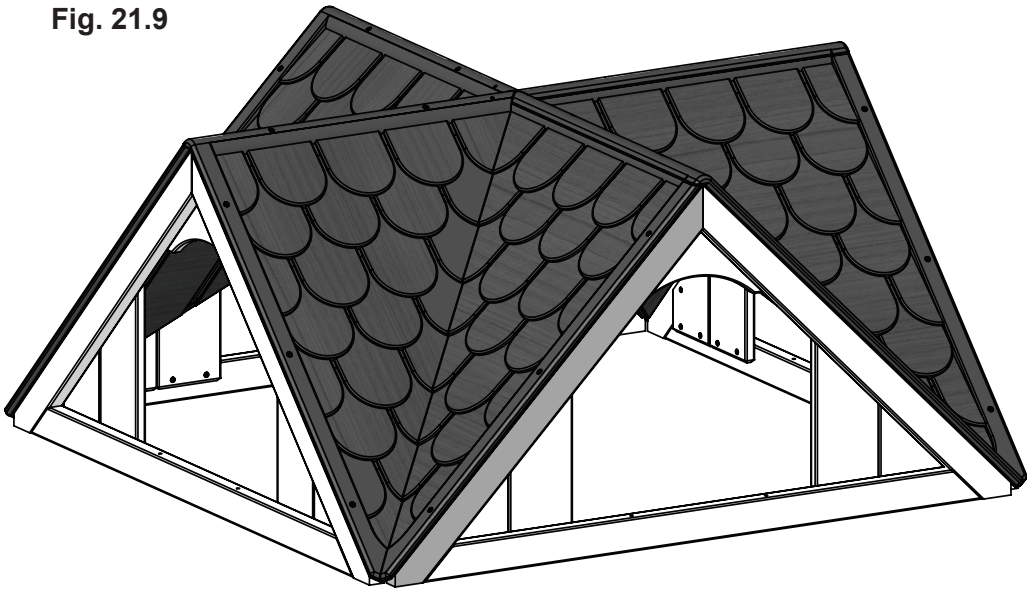
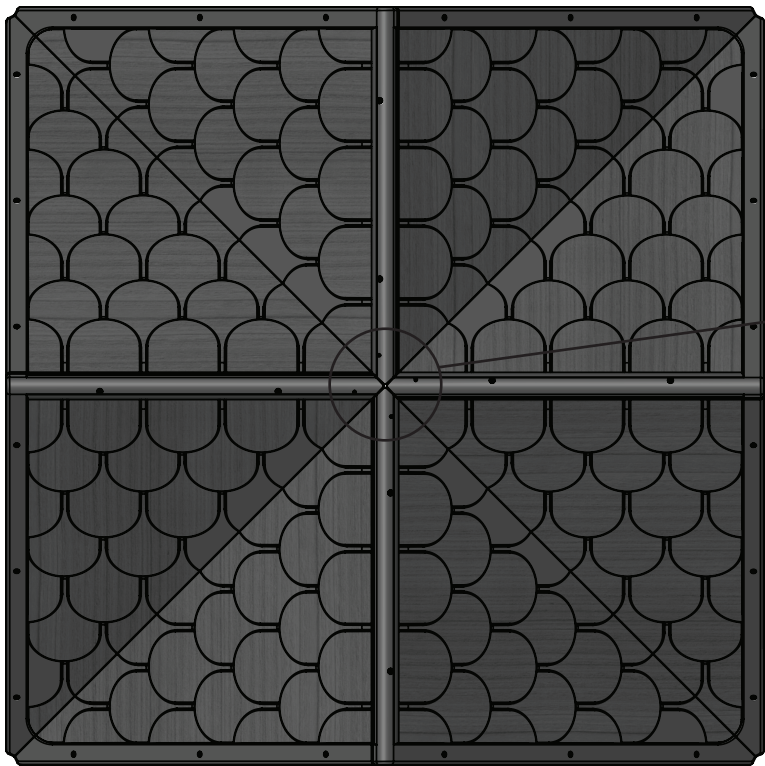
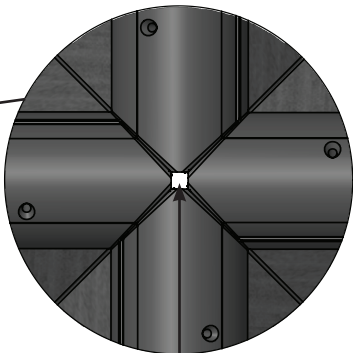


Fig. 21.10





Continue with the other 3 assemblies leaving a 5mm square opening in the centre

Fig. 21.11



5mm square

### Hardware

- 12 x  #8 x 2" Wood Screw
- 6 x  #8 x 1-1/2" Wood Screw



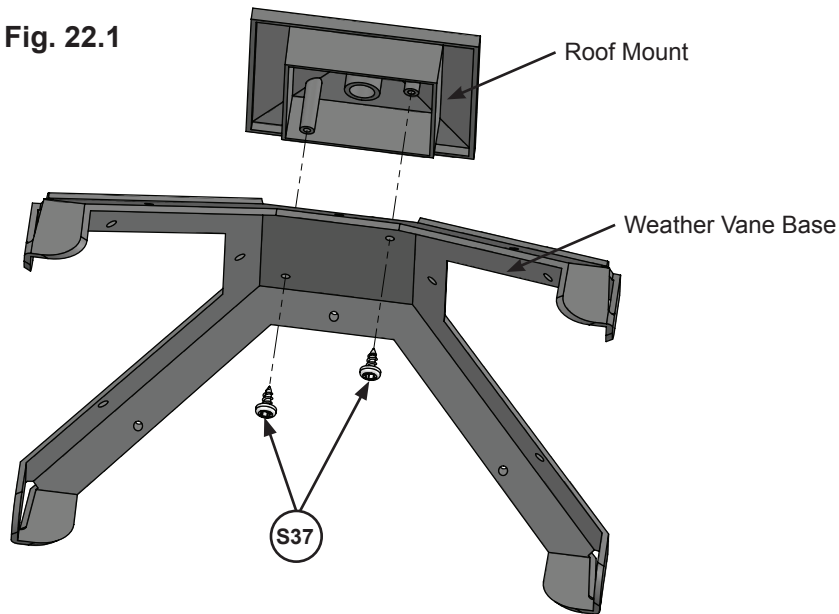
## Step 22: Cupola Assembly Part 1

**A:** Place Weather Vane Base onto Roof Mount so that the holes line up as shown in fig. 22.1. Attach using 2 (S37) #7 x 5/8" Pan Screw.

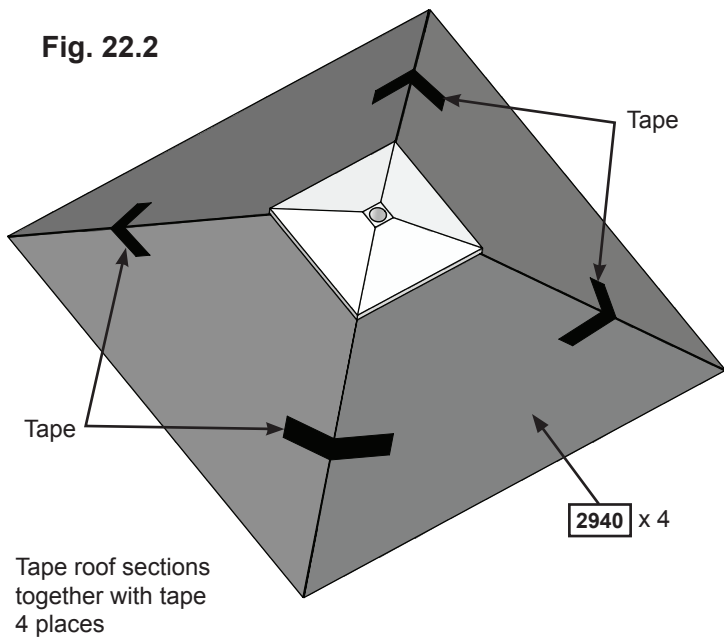
**B:** Slide each (2940) Cupola Roof section between Base and Roof Mount. Tape sections together in 4 places as shown in fig. 22.2.

**C:** From underneath the Cupola Roof assembly install 12 (S37) #7 x 5/8" Pan Screw as shown in fig. 22.3.

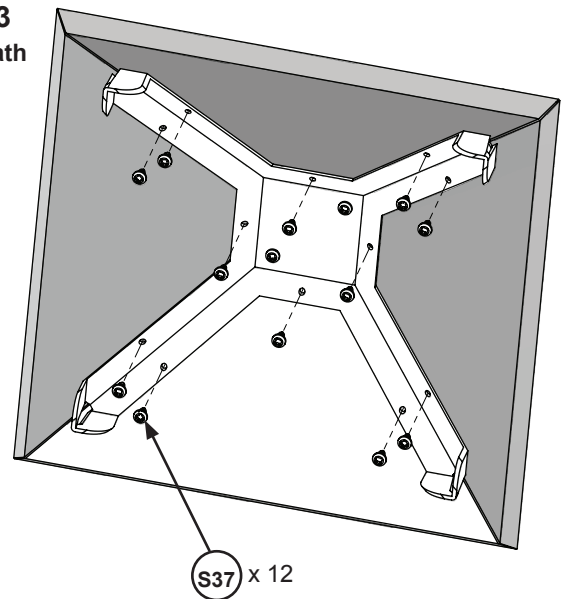
**Fig. 22.1**



**Fig. 22.2**



**Fig. 22.3  
Underneath View**



### Wood Parts

4 x 2940 Cupola Roof 15 x 136 x 303mm

### Hardware

14 x S37 #7 x 5/8" Pan Screw

### Other Parts

1 x Roof Mount  
1 x Weather Vane Base

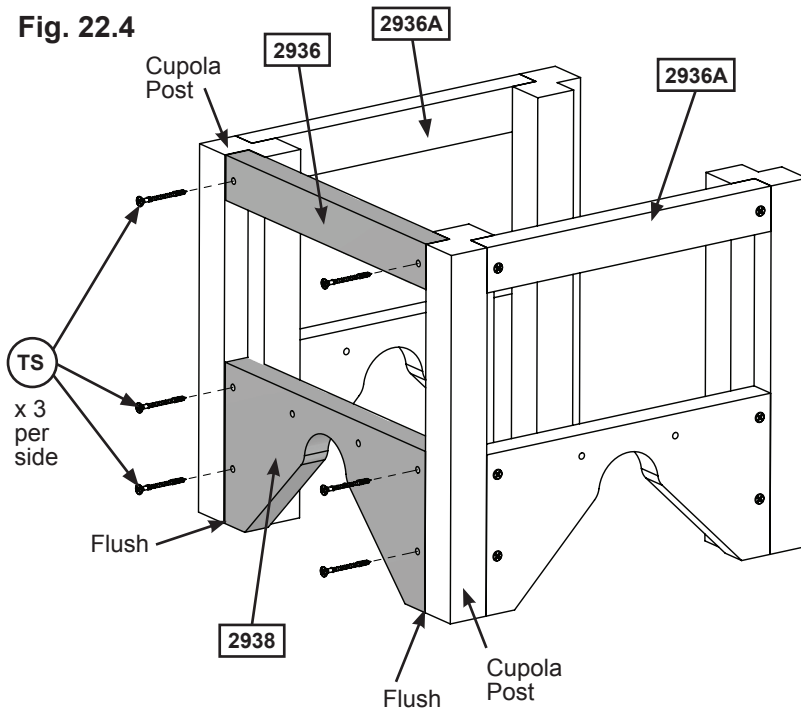
## Step 22: Cupola Assembly Part 2

**D:** Place 1 (2936A) Bell Cupola Side on each side of 1 (2938) Cupola Side Base with the open side of the Cupola Side Base facing the bottom. Make sure that the Cupola Posts and Cupola Side Base are flush at the bottom and attach using 4 (TS) #6 x 30mm Trim Screws. (fig. 22.4)

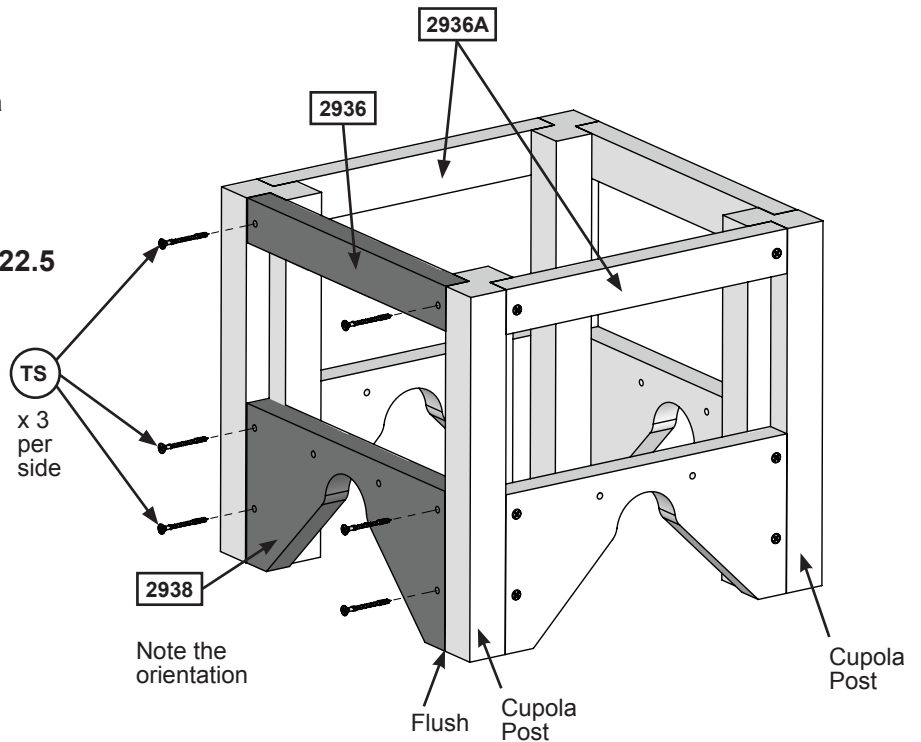
**E:** Using the pre-drilled holes at the top of the Cupola Posts attach 1 (2936) Cupola Front Top using 2 (TS) #6 x 30mm Trim Screws. (fig. 22.4)

**F:** Repeat Steps D and E attaching 4 sides together to form the Cupola. (fig 22.4 and 22.5)

**Fig. 22.4**



**Fig. 22.5**



### Wood Parts

- 2 x 2936A Bell Cupola Side 38 x 203.2 x 228mm
- 2 x 2936 Cupola Front Top 15 x 25 x 182mm
- 2 x 2938 Cupola Side Base 15 x 88.9 x 182mm

### Hardware

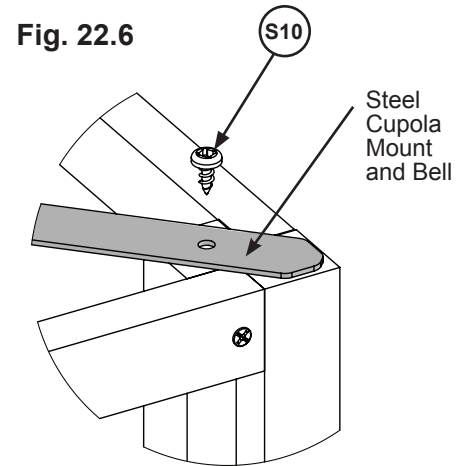
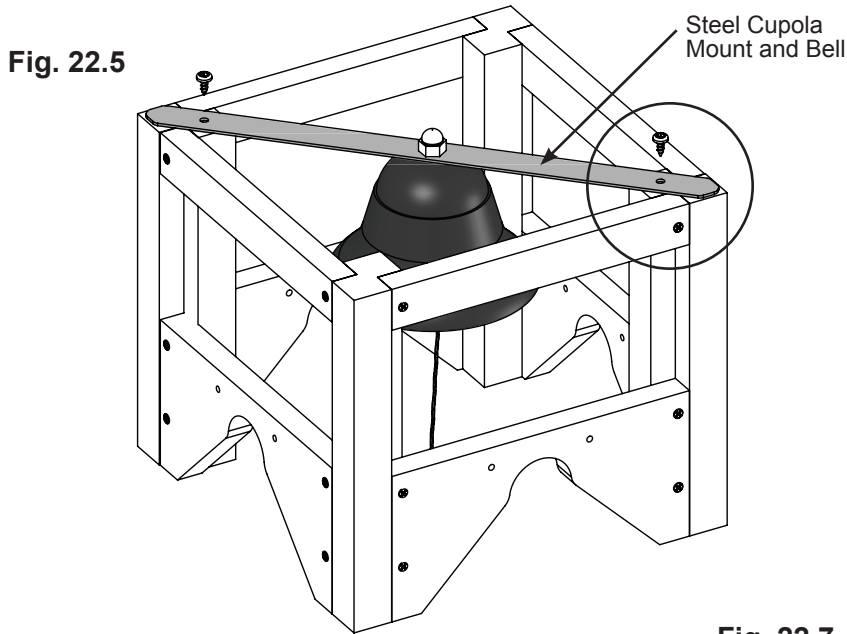
- 12 x TS #6 x 30mm Trim Screw

## Step 22: Cupola Assembly Part 3

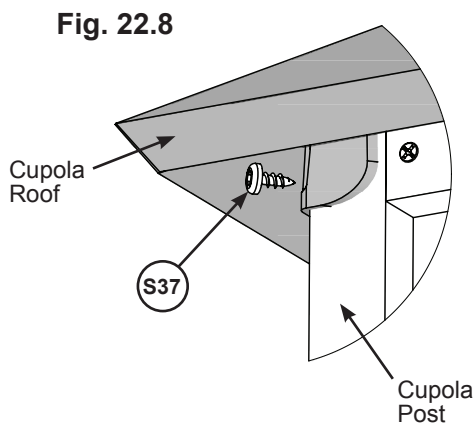
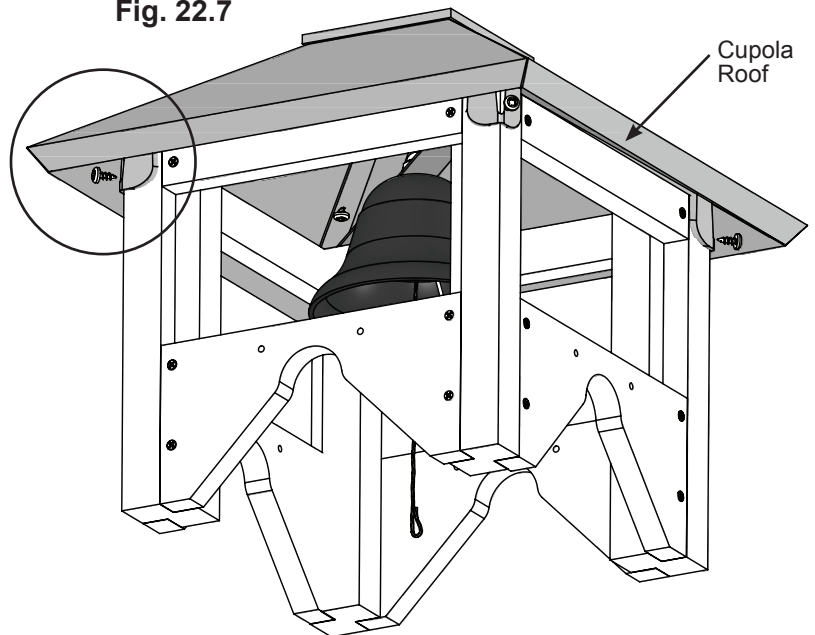
**A:** Place Steel Cupola Mount over the Bell. From inside the Bell push the Bell Clapper with screw upwards so that it is going through the Bell and the center hole on the Cupola Mount. Install the Bell Nut to secure into place. (fig. 22.5)

**B:** Place Steel Cupola Mount and Bell diagonally across the top of the Cupola assembly so that each end is resting on a Cupola Post. Attach using 1 (S10) #8 x 1" Pan Screw per side. (fig. 22.6)

**C:** Place Cupola Roof onto the Cupola Assembly and attach to each Cupola Post using 4 (S37) #7 x 5/8" Pan Screw as shown in fig. 22.7 and 22.8.



**Fig. 22.7**



### Hardware

4 x S37 #7 x 5/8" Pan Screw  
2 x S10 #8 x 1" Pan Screw

### Other Parts

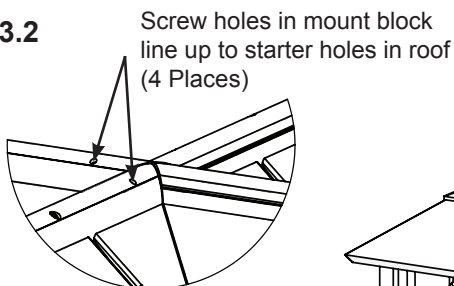
1 x Cupola Mount  
1 x Bell

## Step 23: Attach Cupola Part 1

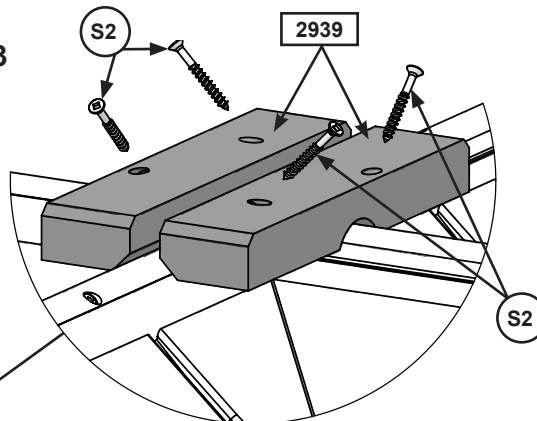


**A:** Place 2 (2939) Mount Blocks (fig. 23.3 and 23.4) over the top of the roof so that the holes line up with the starter holes in the panel. Attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 23.1, 23.2, 23.3 and 23.4)

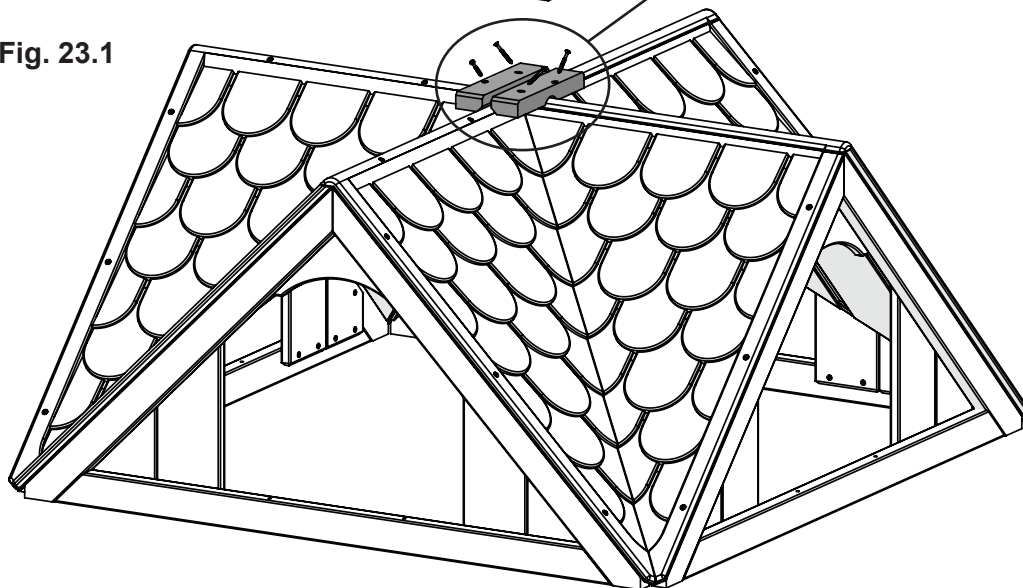
**Fig. 23.2**



**Fig. 23.3**



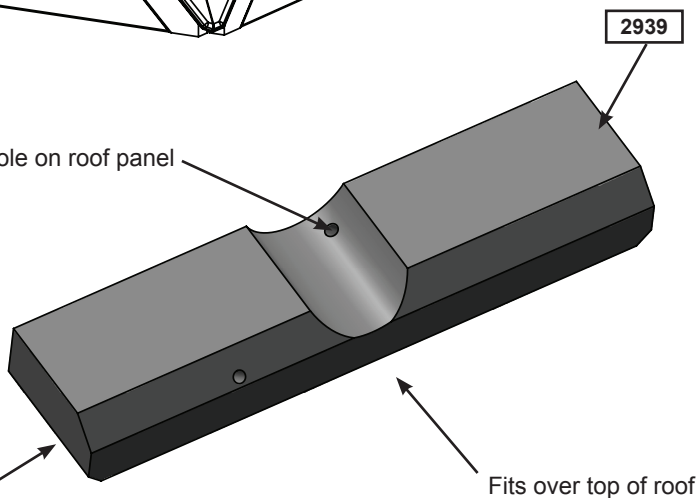
**Fig. 23.1**



Line up to starter hole on roof panel

**Fig. 23.4**

Flat edge to be tangent to the perpendicular roof panel



### Wood Parts

2 x 2939 Cupola Mount 25 x 45 x 194.8mm

### Hardware

4 x S2 #8 x 1-1/2" Wood Screw



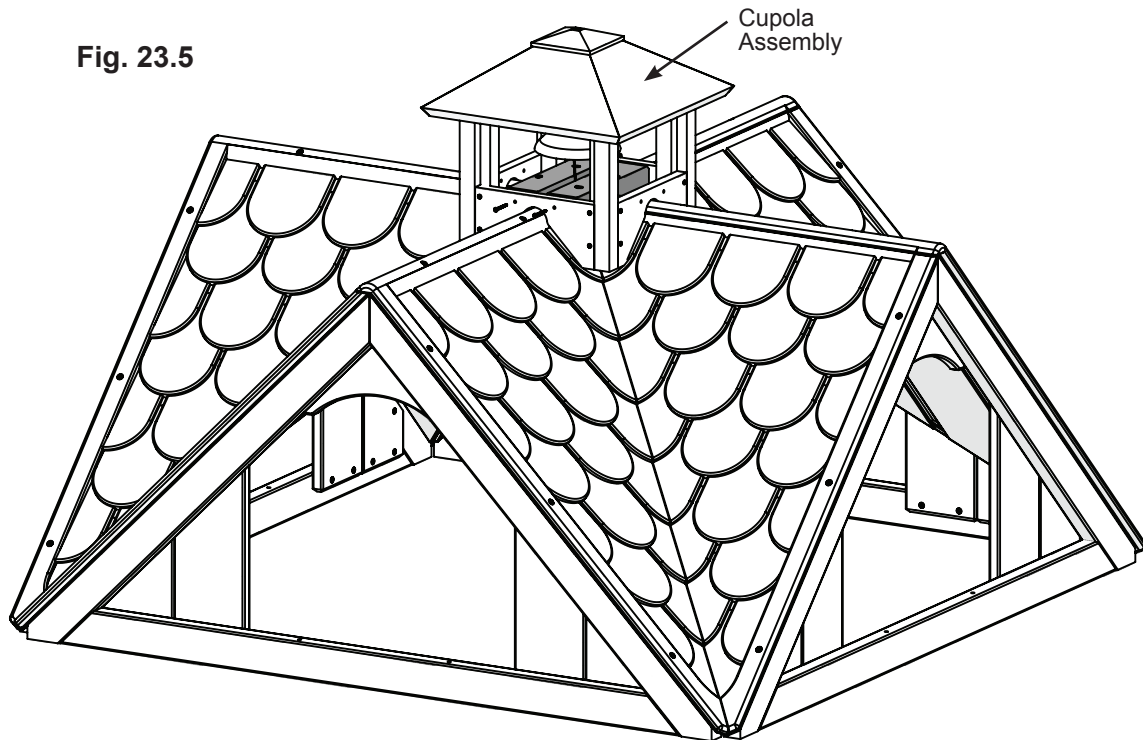
## Step 23: Attach Cupola Part 2



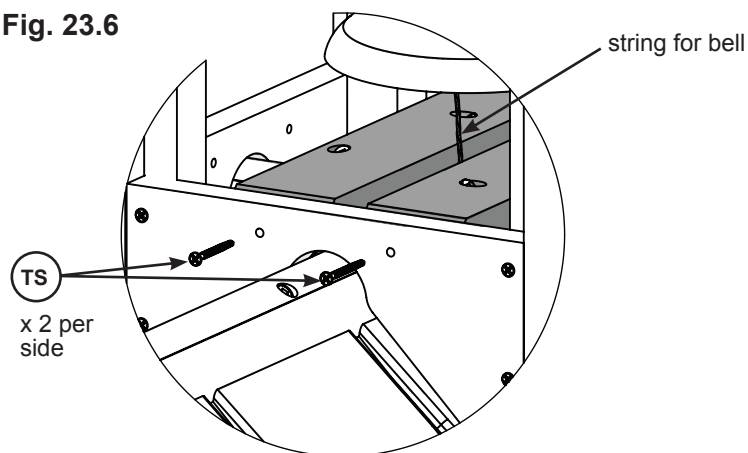
**B:** Place Cupola Assembly over both Mount Blocks and attach as shown in fig. 23.5 using 4 (TS) #6 x 30mm Trim Screws.

**C:** Pull string for bell through the square hole in the roof assembly. (fig. 23.6)

**Fig. 23.5**



**Fig. 23.6**



### Hardware

4 x  #6 x 30mm Trim Screw

# Step 24: Attach Telescope

**A:** On the front panel center the telescope on the (2853) Roof Support and attach using 2 (S2) #8 x 1-1/2" Wood Screws. (Fig. 24.1 and fig. 24.2)

Fig. 24.1

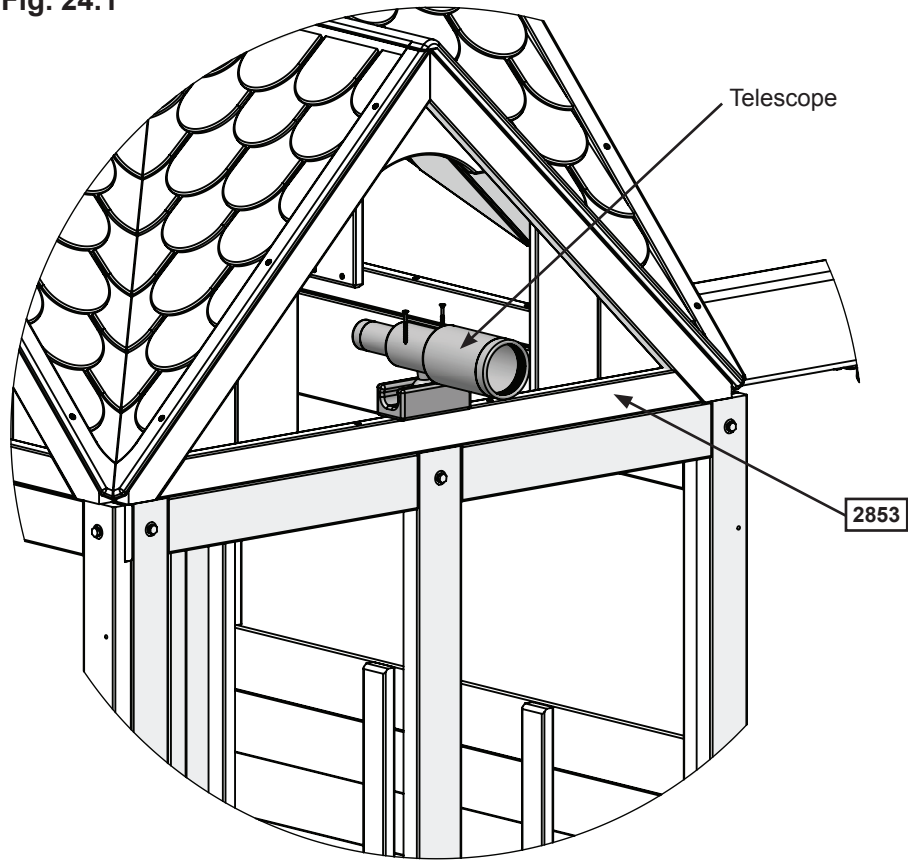
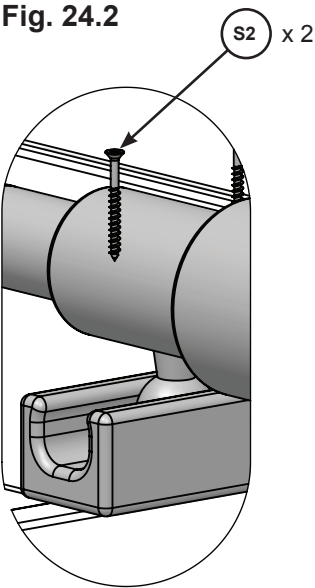



Fig. 24.2



**Hardware**

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

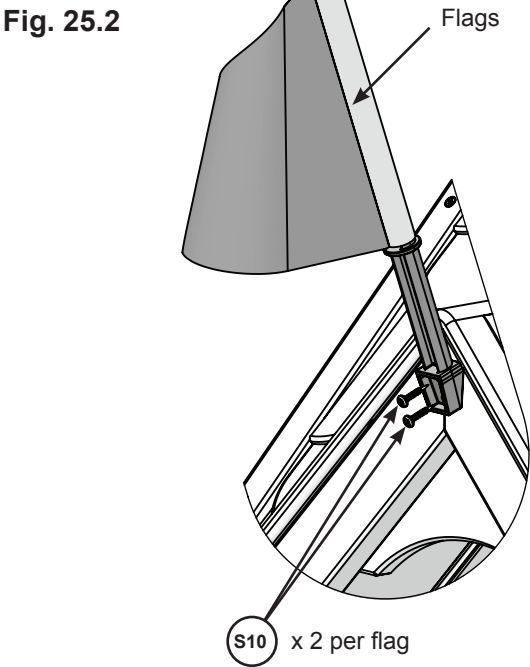
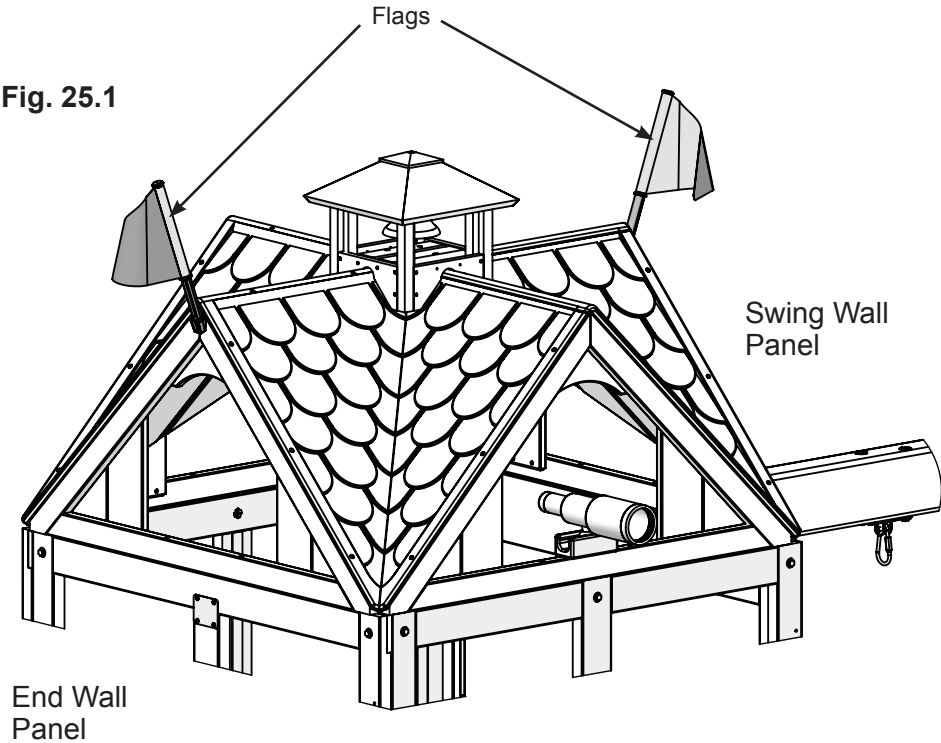
**Other Parts**

1 x Telescope

# Step 25: Attach Flags



**A:** On the Swing Wall panel and the End Wall Panel attach 1 Flag per side at the top corners of the Gable Assembly using 2 (S10) #8 x 1" Pan Screws per flag. (Fig. 25.2)



**Hardware**  
4 x S10 #8 x 1" Pan Screw

**Other Parts**  
2 x Flag

# Step 26: Install Basketball Net

## Part 1

**A:** Hold Hoop against the front of the Backboard and place the Backplate behind as shown in fig. 26.1. Insert the supplied 3 Carriage Bolts and Lock Nuts through the Hoop, Backboard and Backplate and attach. (fig. 26.1 and 26.3)

**B:** Loop the Net around Hoop clips. (fig. 26.2)

Fig. 26.2

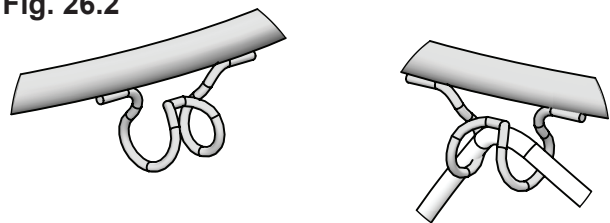
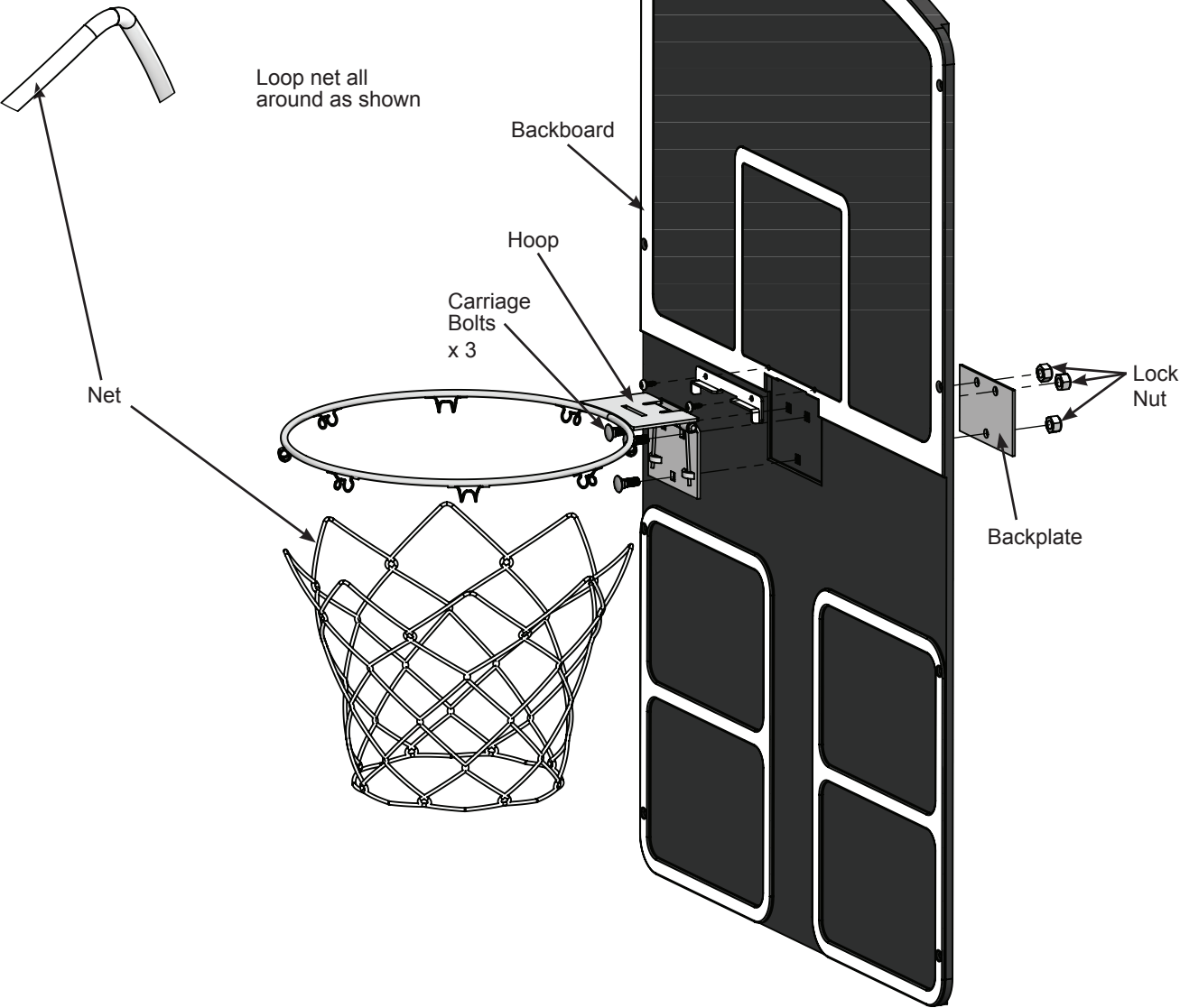
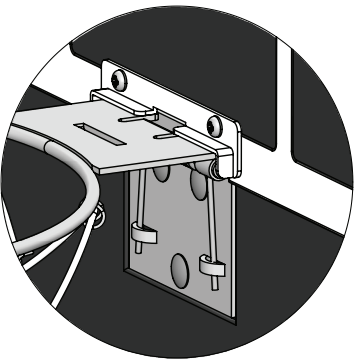


Fig. 26.1



**Hardware**

3 x Carriage Bolt (with Lock Nut)

**Other Parts**

1 x - Hoop and Toss Game Add-On

# Step 26: Install Basketball Net

## Part 2



**C:** In the location shown in (Fig.26.4), measure 3.25" (82.6mm) up from the floor and install Backboard to Fort using 8 (S33) #8 x 1" Wood Screws. (Fig. 26.3, 26.4 and 26.5)

Fig. 26.3

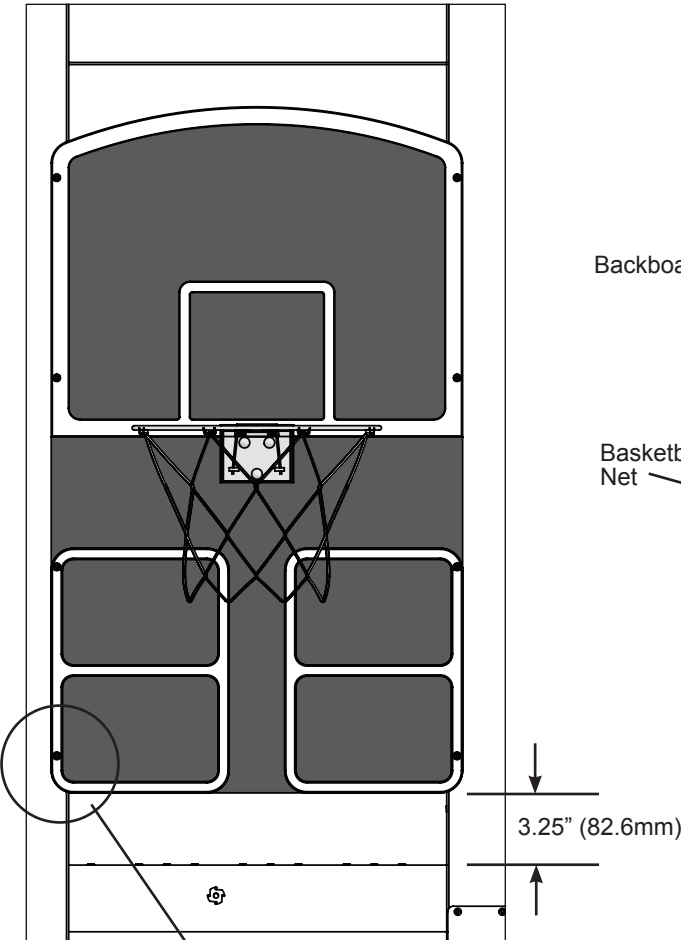


Fig. 26.4

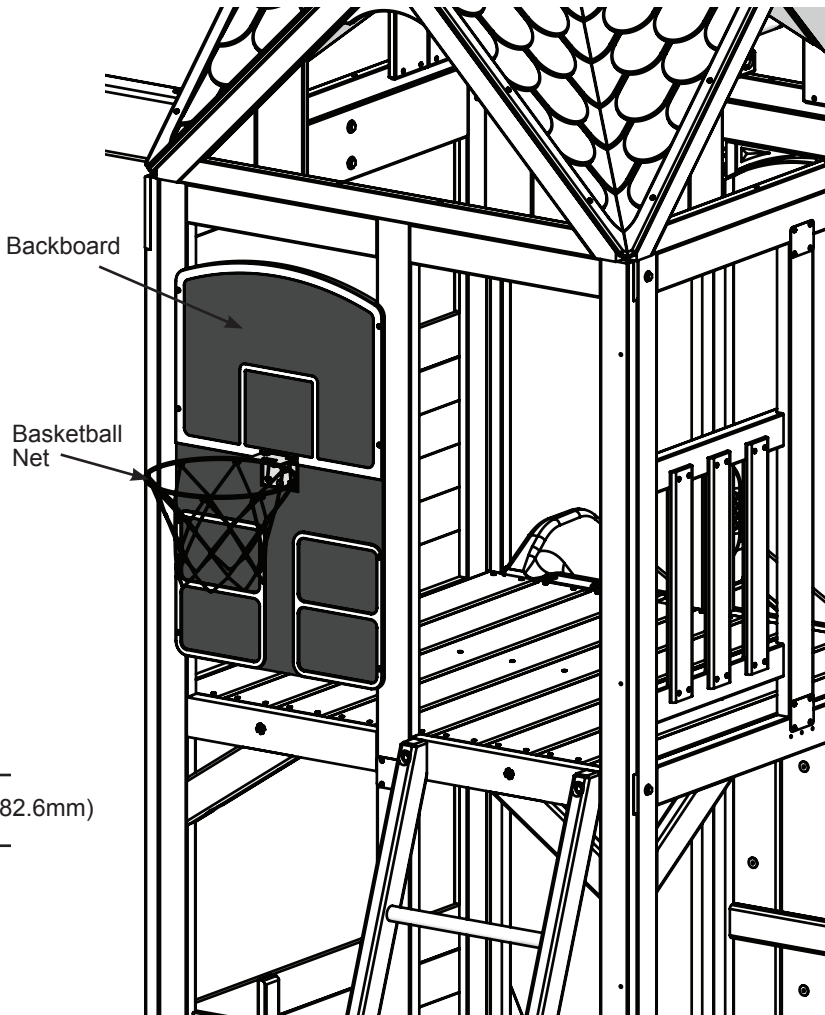
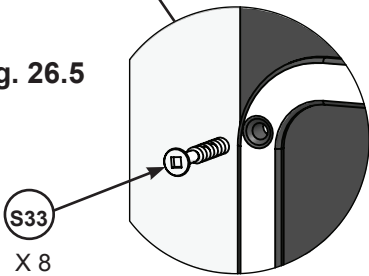



Fig. 26.5



### Hardware

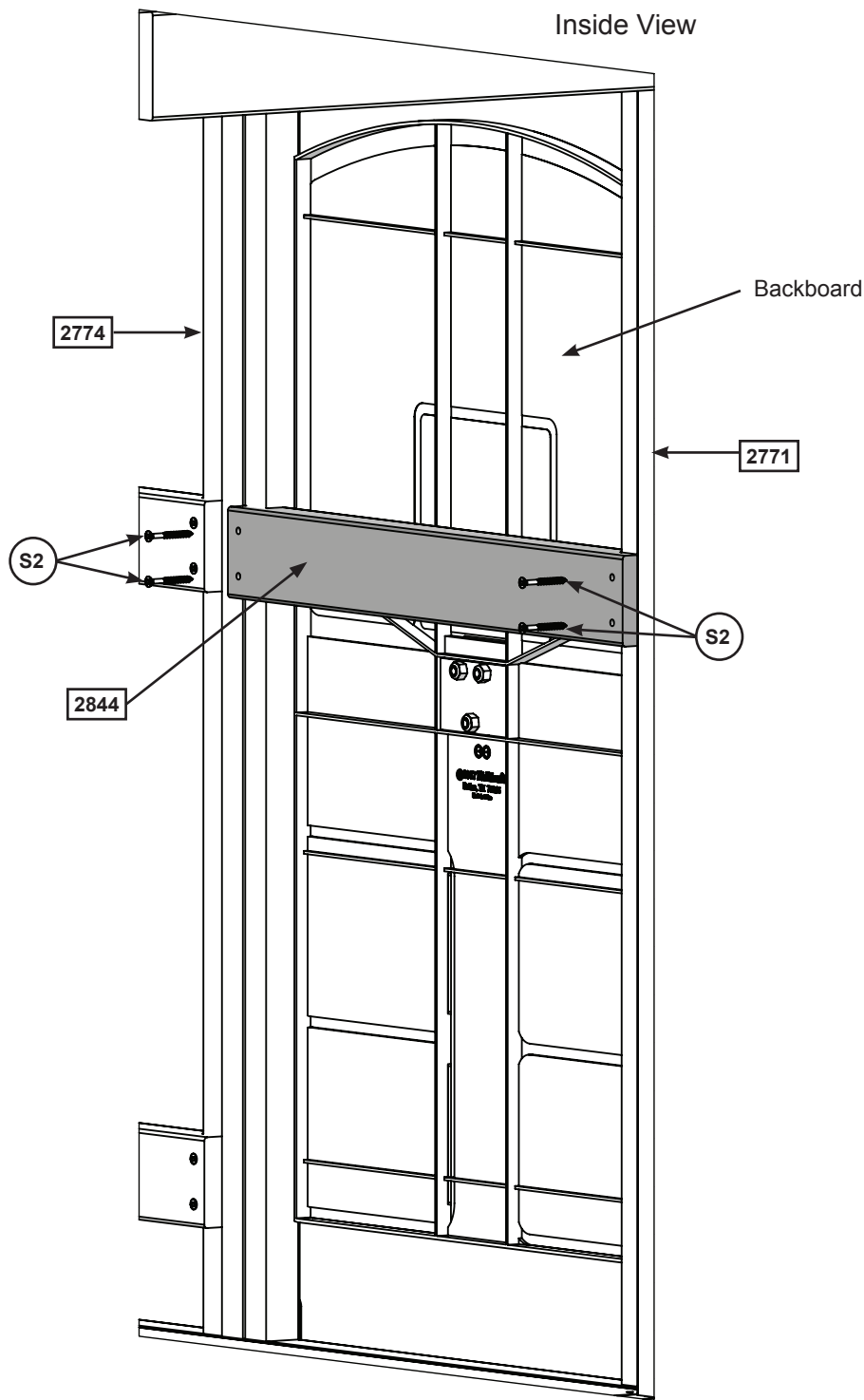
8 x  #8 x 1" Wood Screw

# Step 26: Install Basketball Net

## Part 3

D: From inside the fort place 1 (2844) Horizontal behind the Backboard as shown in fig. 26.6 and attach to (2771) Post and (2774) Upright using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 26.6)

Fig. 26.6



**Wood Parts**

1 x 2844 Horizontal 31.8 x 63.5 x 479.4mm

**Hardware**

4 x S2 #8 x 1-1/2" Wood Screw

# Step 27: Assemble Bean Bag Toss Part 1



**A:** Place 1 (2838) Leg flush to 1 (2837) Diagonal as shown, note the board orientation. Pre-drill holes in (2838) Leg using a 1/8" (3.2mm) drill bit and attach (2837) Diagonal using 2 (S4) #8 x 3" Wood Screws. Repeat step to make a second assembly. (fig. 27.1)

**B:** In the location shown in (fig 27.3), place leg assemblies so that they sit on top of the bottom frame and to the inside of the Post and Jamb making sure that all edges are flush. Attach (2837) Diagonals using 1 Hex Bolt (with flat washer) per side and attach each (2838) Leg using 2 (S11) #8 x 2" Wood Screws per side. (fig. 27.2 & 27.3)

Fig. 27.1

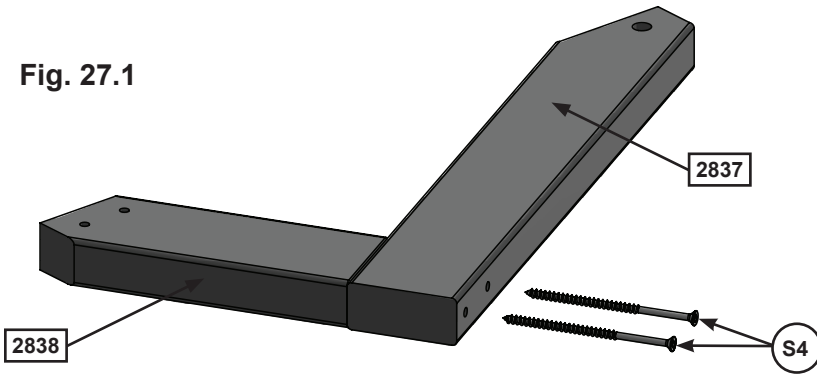


Fig. 27.2

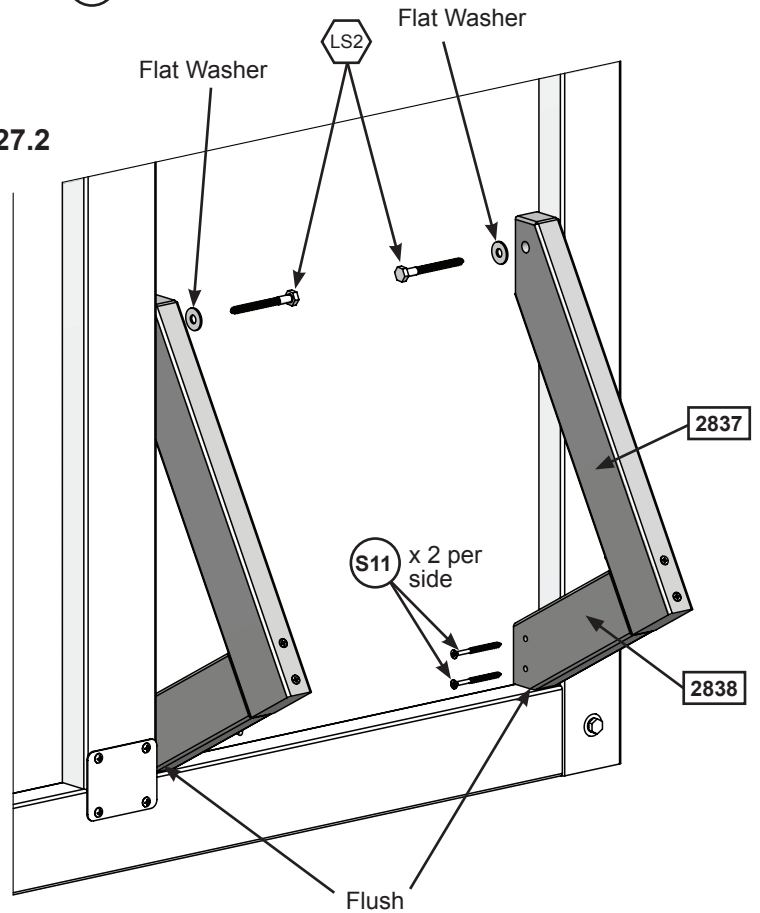
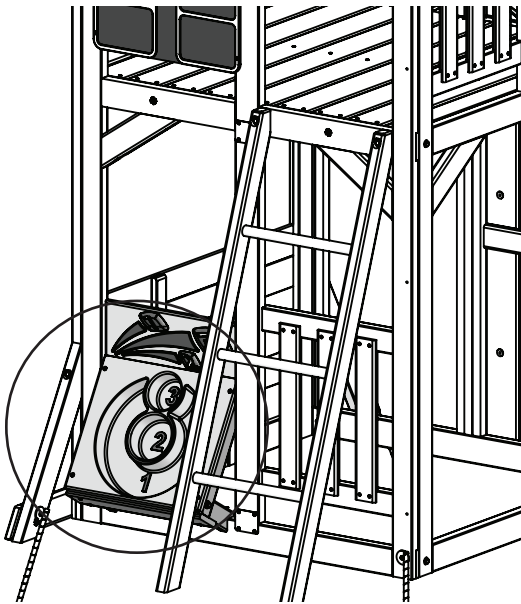


Fig. 27.3



## Wood Parts

- 2 x 2837 Diagonal 25.4 x 57.2 x 355.6mm
- 2 x 2838 Leg 25.4 x 57.2 x 164.8mm

## Hardware

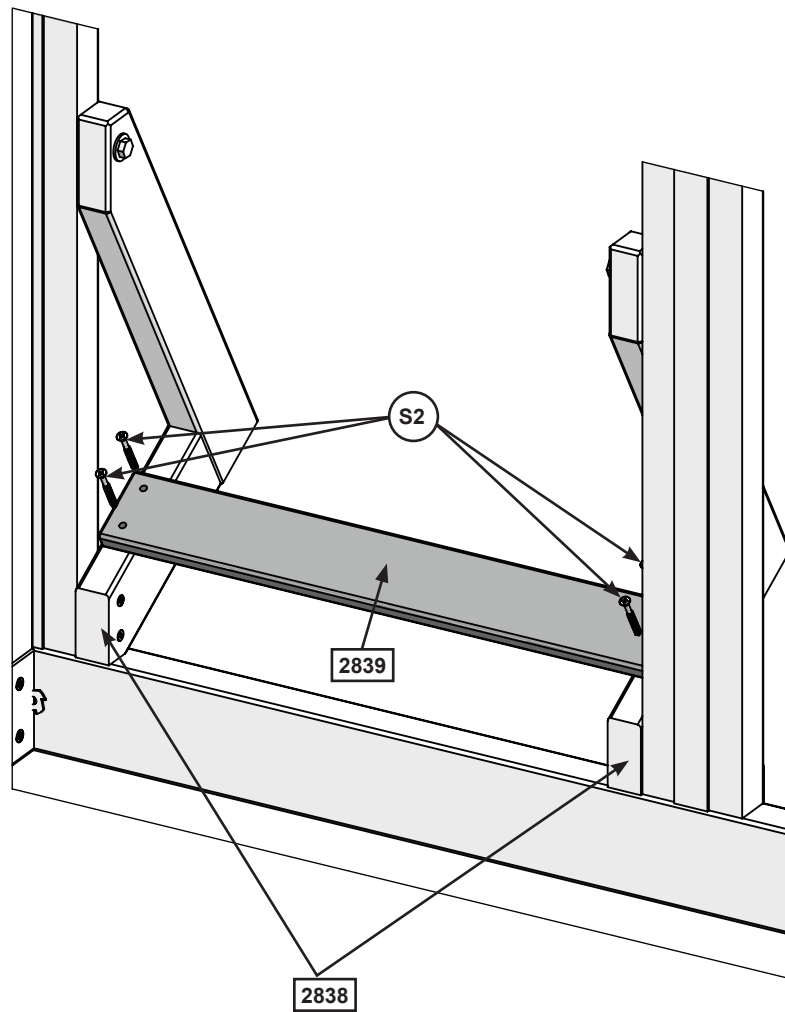
- 2 x LS2 Lag Screw 1/4 x 2-1/2" (with flat washer)
- 4 x S11 #8 x 2" Wood Screw
- 4 x S4 #8 x 3" Wood Screw



## Step 27: Assemble Bean Bag Toss Part 2

**C:** Place 1 (2839) Bottom so that it's centered across the inside of the (2838) Legs. Attach using 2 (S2) #8 x 1-1/2" Wood Screws per side.

**Fig. 27.3**



### Wood Parts

1 x 2839 Bottom 12.7 x 57.2 x 428.6mm

### Hardware

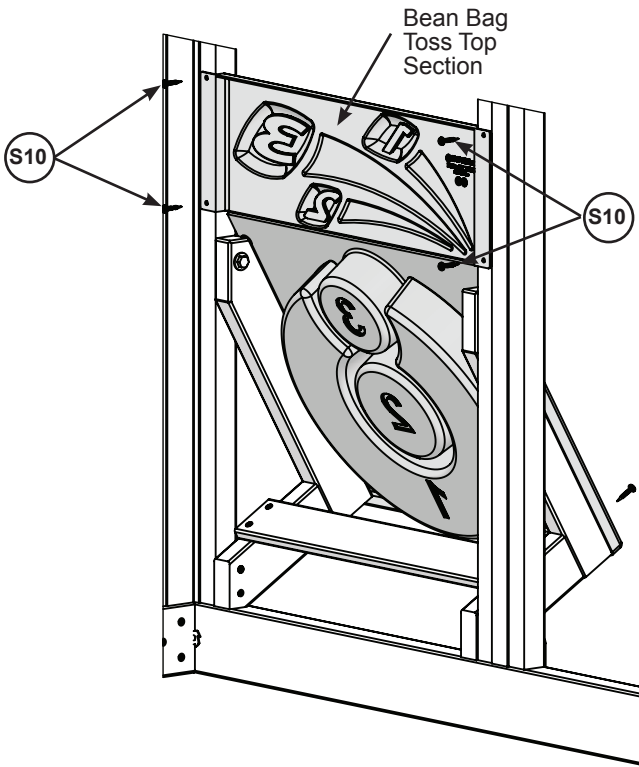
4 x S2 #8 x 1-1/2" Wood Screw

## Step 27: Assemble Bean Bag Toss

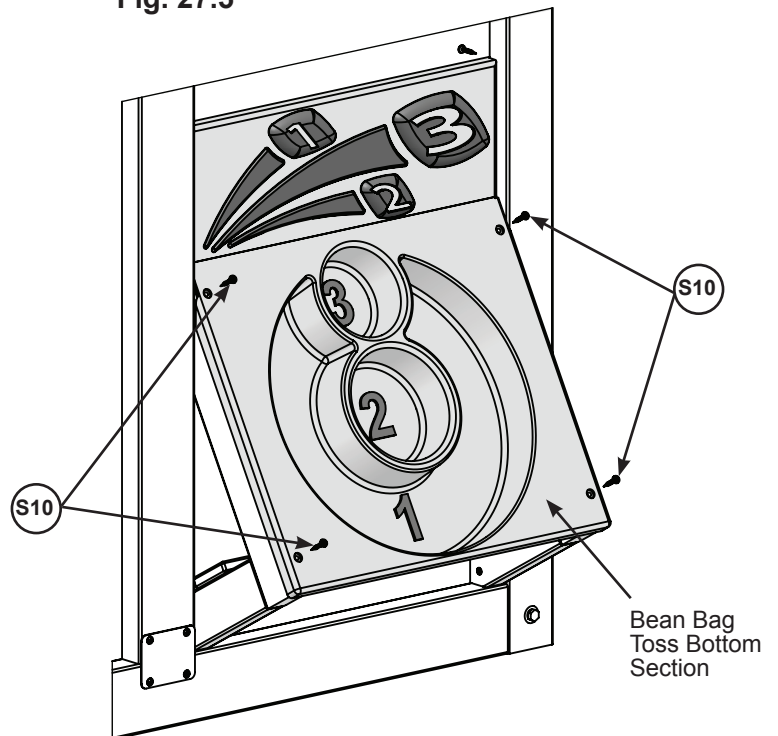
### Part 3

**D:** Place Bean Bag Toss so that the top section will attach from inside the Fort and the bottom section fits over the leg assemblies. Attach top section from the inside using 4 (S10) #8 x 1" Pan Screws and bottom section from the outside using 4 (S10) #8 x 1" Pan Screws. (fig. 27.4 and 27.5)

**Fig. 27.4**  
Inside View



**Fig. 27.5**



#### Hardware

8 x (S10) #8 x 1 Pan Screw

#### Wood Parts

1 x Bean Bag Toss

# Adventure Tower Assembly

## Step 28: Upper Frame Assembly

**A:** Place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the left side making sure that the notched out end is at the bottom and facing the outside. Place (6023) Roof Side at the top of the posts so that it's flush and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 28.1)

**B:** Place (6029) Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 28.1)

**C:** To make a second partial upper frame assembly place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the right side, notched side facing out and the (6000) Upper Post on the left side. Place (6023) Roof Side at the top of the posts making sure it's flush and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 28.2)

**D:** Place (6030) Tunnel Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 28.2)

**Set the upper assemblies aside, they will not be used until a later step.**

Fig. 28.1

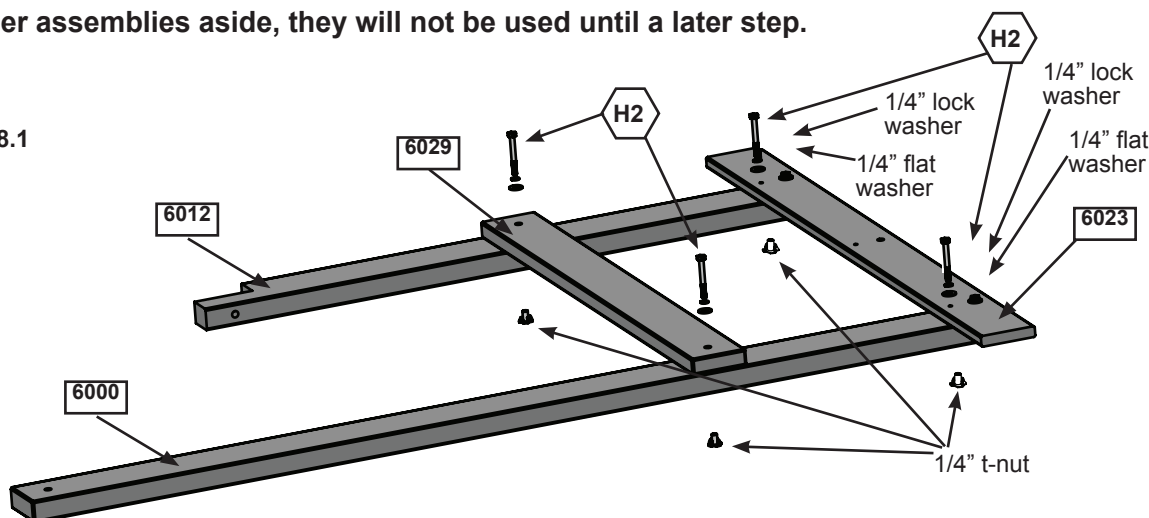
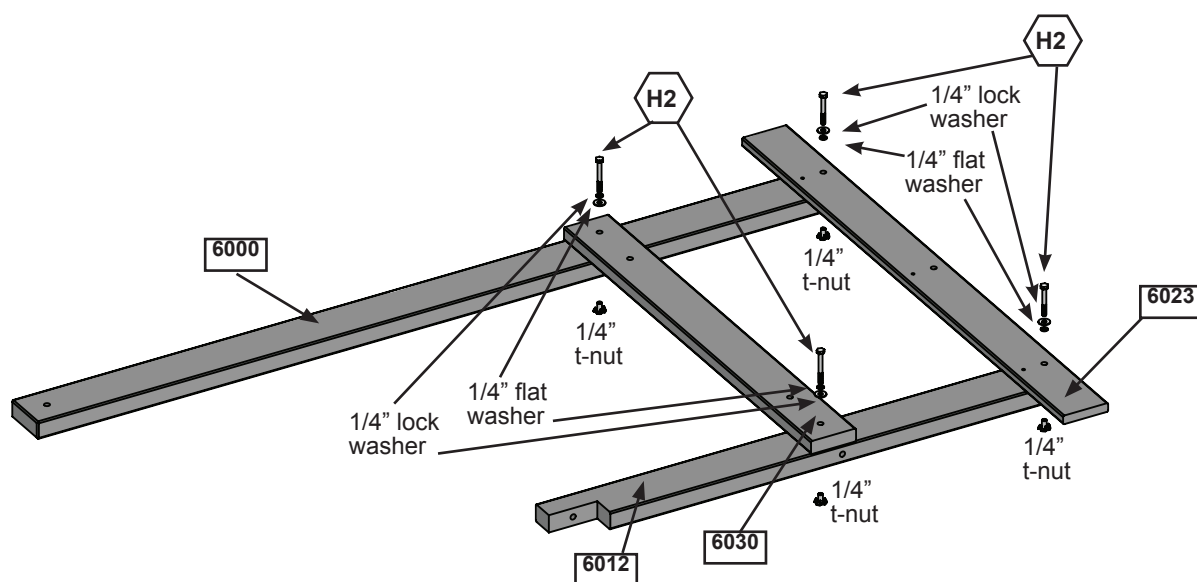


Fig. 28.2



### Wood Parts

- 2 x 6000 Upper Post 31.8 x 82.6 x 1495.4mm
- 2 x 6012 Short Post 31.8 x 82.6 x 933.6mm
- 2 x 6023 Roof Side 15.9 x 82.6 x 1019.2mm
- 1 x 6029 Side Top 15.9 x 82.6 x 784.2mm
- 1 x 6030 Tunnel Side Top 15.9 x 82.6 x 784.2mm

### Hardware

- 8 x H2 1/4 x 2" Hex Bolt (with 1/4" lock washer, 1/4" flat washer and 1/4" t-nut)

## Step 29: Lower Frame Assembly Part 1

**A:** Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the left side making sure that the notched out end is at the top and on the inside. It is important to ensure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. Place 1 (6020) Short Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 29.2)

**B:** From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 29.2). Attach using 2 (H3) ¼ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 29.1 & Fig. 29.2)

Fig. 29.1

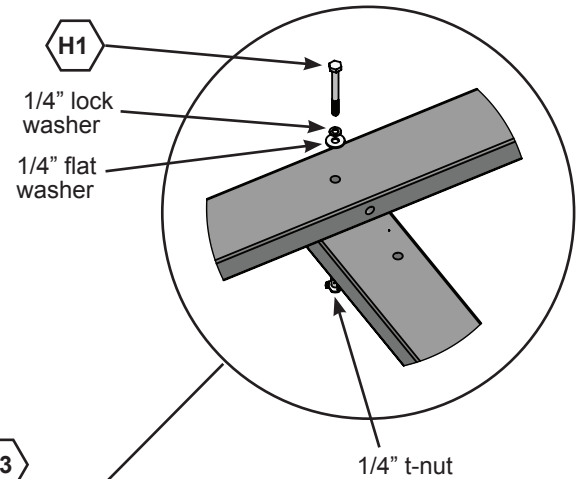
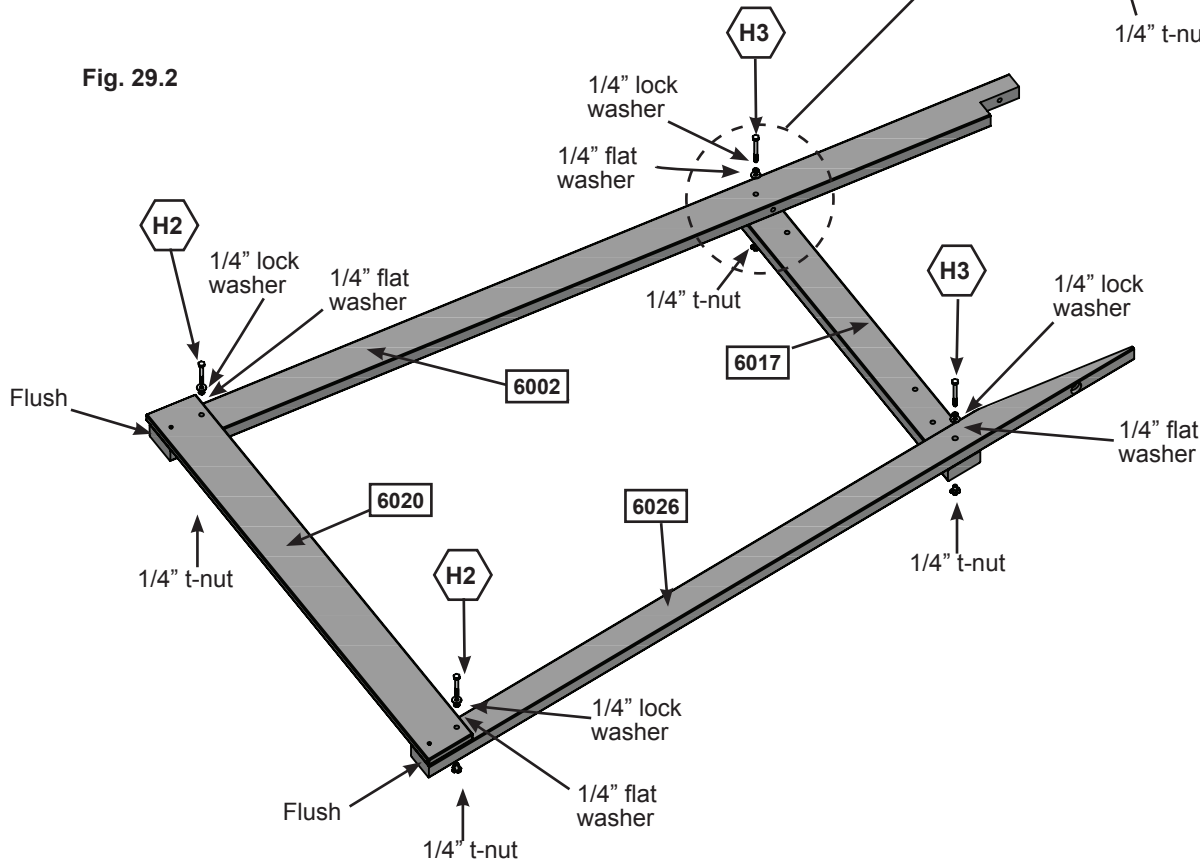


Fig. 29.2



### Wood Parts

- 1 x [6002] Long Post 31.8 x 82.6 x 1968.5mm
- 1 x [6017] Floor Support 31.8 x 82.6 x 875.3mm
- 1 x [6020] Short Ground 15.9 x 114.3 x 1122mm
- 1 x [6026] Rock Rail 31.8 x 69.9 x 1827mm

### Hardware

- 2 x [H2] 1/4 x 2" Hex Bolt (with 1/4" lock washer, 1/4" flat washer and 1/4" t-nut)
- 2 x [H3] 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts).

# Step 29: Lower Frame Assembly Part 2



**C:** Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the right side, notched end at the top and facing the inside and the (6026) Rock Rail on the left. Make sure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. (Fig. 29.3 & 29.5)

**D:** From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 29.3). Attach using 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 29.3 & 29.4)

**E:** Place 1 (6018) Long Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach (6018) Long Ground using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 29.3 )

**F:** On the underside of the (6018) Long Ground place 1 (0369) Lower Diagonal tight and flush to the (6002) Long Post and the (6018) Long Ground. Attach through (6018) Long Ground with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). Pre-drill upper hole of (0369) Lower Diagonal with a 1/8" (3.2mm) drill bit and install 1 (LS3) 1/4 x 3" Lag Screw (with flat washer). (fig. 29.3)

Fig. 29.3  
left view

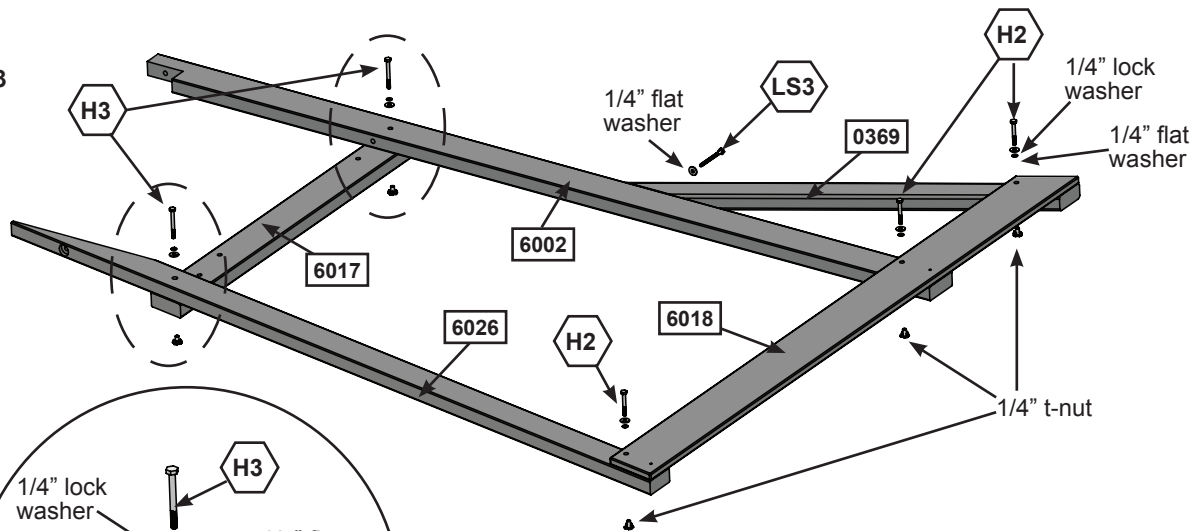


Fig. 29.4

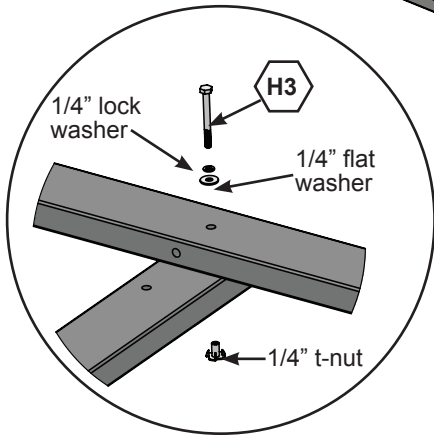
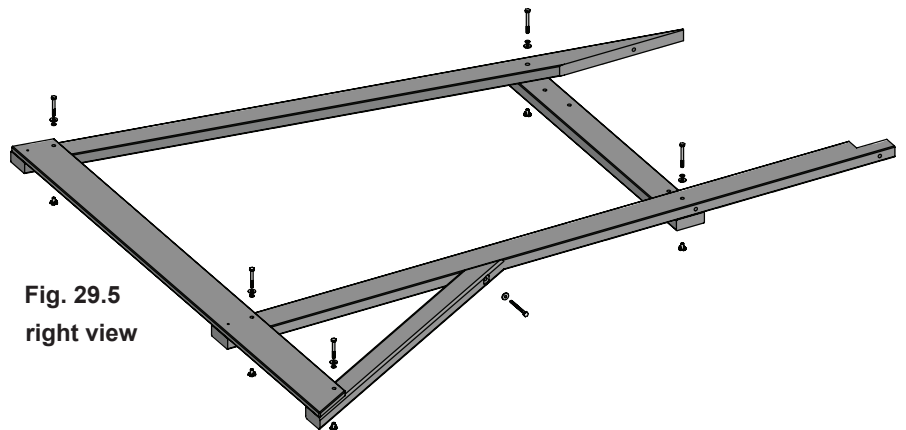


Fig. 29.5  
right view



## Wood Parts

- 1 x [6002] Long Post 31.8 x 82.6 x 1968.5mm
- 1 x [6017] Floor Support 31.8 x 82.6 x 875.3mm
- 1 x [6018] Long Ground 15.9 x 114.3 x 1576.1mm
- 1 x [6026] Rock Rail 31.8 x 69.9 x 1827mm
- 1 x [0369] Lower Diagonal 34.9 x 63.5 x 939.8mm

## Hardware

- 3 x [H2] 1/4 x 2" Hex Bolt (with 1/4" lock washer, 1/4" flat washer and 1/4" t-nut)
- 2 x [H3] 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts)
- 1 x [LS3] 1/4 x 3" Lag Screw (with flat washer)

# Step 30: Frame Assembly



- A:** Make sure that lower frame assemblies are square then attach 1 (6021) Back Ground to the outside of the (6002) Long Posts using 4 (S11) #8 x 2" Screws (with 3/16" flat washer) making sure that it is flush to the bottom. (Fig. 30.3 & 30.4 )
- B:** Making sure that it's flush to the bottom of the (6020) Short Ground and (6018) Long Ground, attach 1 (6019) Rock Bottom to the Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws. Make sure that the notch is at the top, left hand side.(Fig. 30.1 )
- C:** Place 1 (6042) Narrow Floor Board on the front end of the (6017) Floor Supports and 1 (6013) Floor Board on far end other as shown in (fig. 30.1) making sure they are flush with the (6002) Long Posts and (6026) Rock Rails. **Do not attach these boards until Step 31.**
- D:** Using the (6042) Narrow Floor Board as a guide, place (0600) Bottom trim flush to the top of the front (6042) Narrow Floor Board and attach to the Rock Rails using 2 (S7) #12 x 2" Pan Screws (with 3/16 flat washer) and 2 (S20) #8 x 1-3/8" Wood Screws.(Fig. 30.1 )
- E:** On the back side attach 1 (6034) Floor Back to the (6002) Long Posts using 1 (S7) #12 x 2' Pan Screw and 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) per side. (Fig. 30.2 & 30.3)

Fig. 30.2

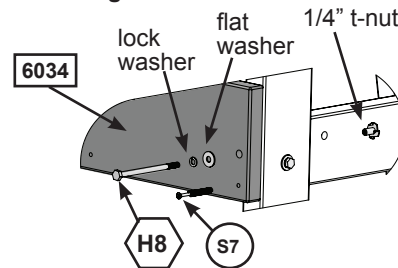


Fig. 30.3

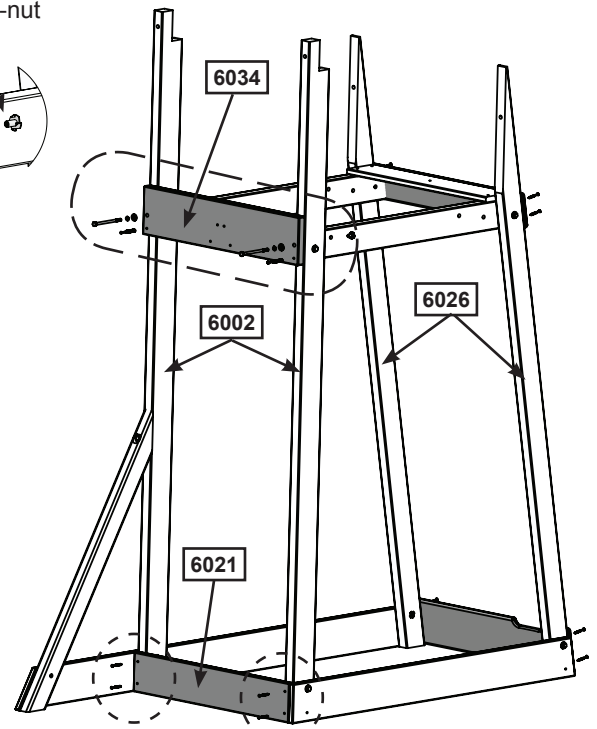


Fig. 30.1

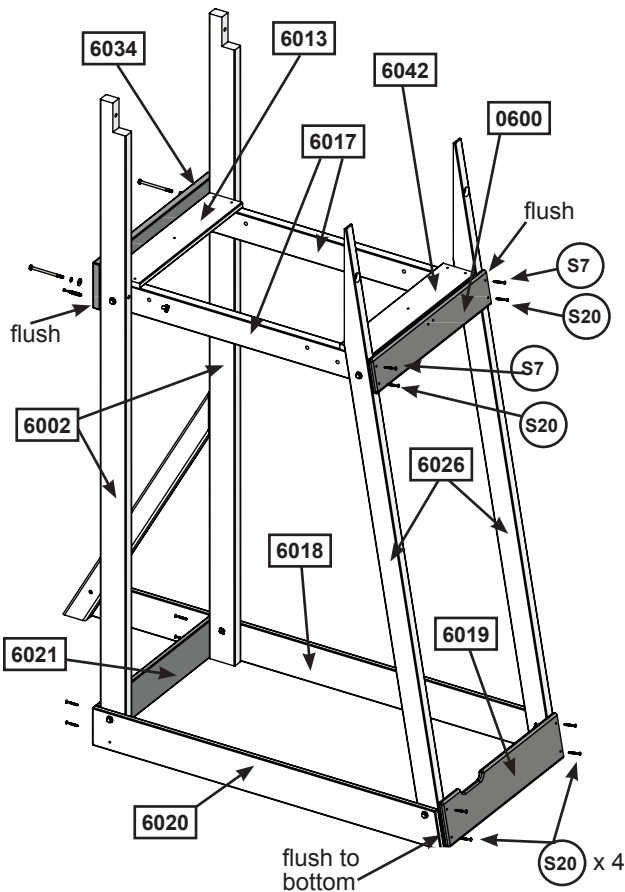
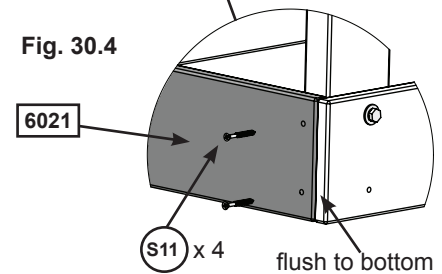


Fig. 30.4



## Wood Parts

1 x	6021	Back Ground 15.9 x 114.3 x 596.9mm
1 x	6019	Rock Bottom 15.9 x 133.4 x 596.9mm
1 x	6013	Floor Board 15.9 x 108 x 533.4mm
1 x	0600	Bottom Trim 15.9 X 101.6 X 596.9mm
1 x	6034	Floor Back 23.8 x 139.7 x 596.9mm
1 x	6042	Narrow Floor Back 15.9 x 98 x 533.4mm

## Hardware

4 x	S11	#8 x 2" Screws
6 x	S20	#8 x 1-3/8" Wood Screws
2 x	H8	1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut)
4 x	S7	#12 x 2' Pan Screw

## Step 31: Floor Assembly

**A:** Place (6003) Floor Joist flush to the underside of the (6013) Floor Board and centred over the pilot holes in the (6034) Floor Back and (0600) Bottom Trim. The angle cut should be flush with the (0600) Bottom trim (Fig. 31.1 and 31.2 and 31.3). Attach using 2 (S11) #8 x 2" Wood Screws per side. (Fig. 31.1 and 31.2 and 31.3)

**B:** Evenly Space the remaining (6013) floor boards and attach each board using 5 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 31.4 and 31.5)

Fig. 31.1

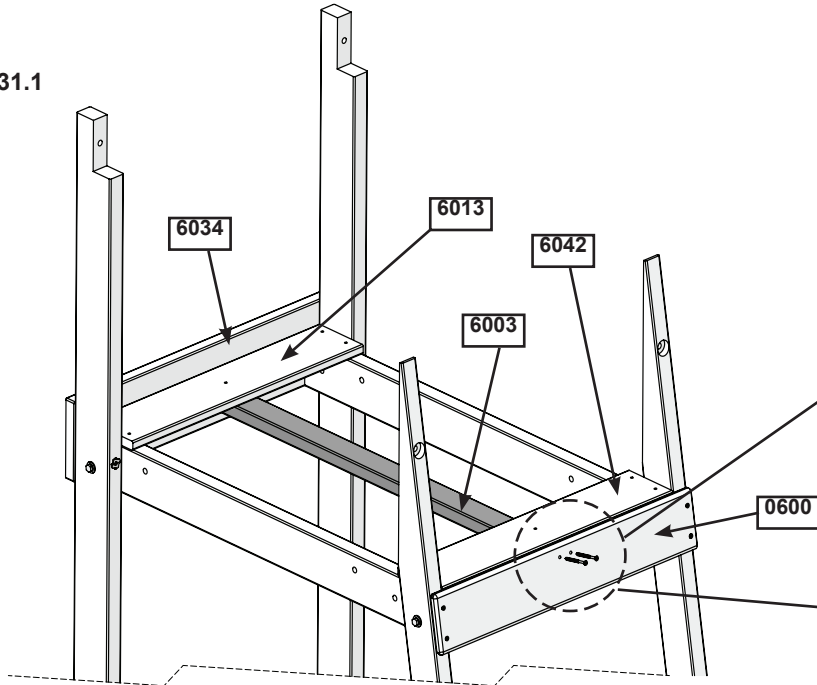


Fig. 31.2

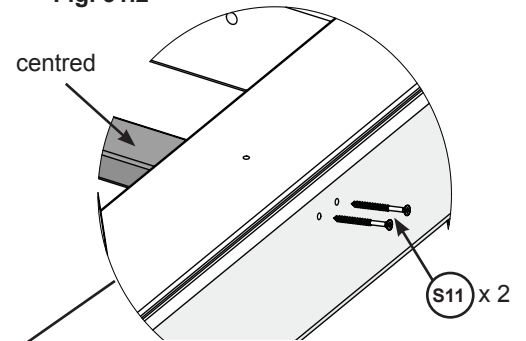


Fig. 31.3

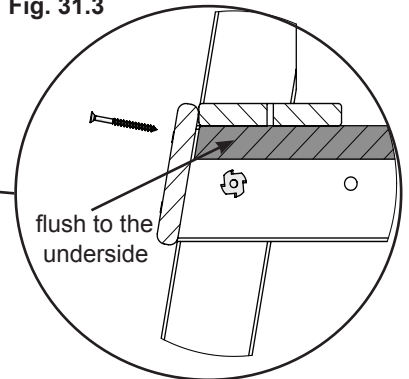


Fig. 31.4

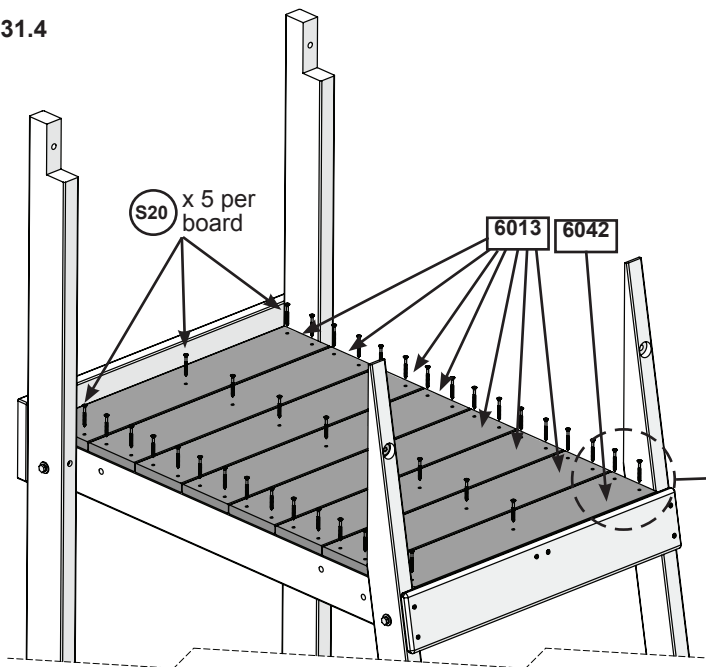
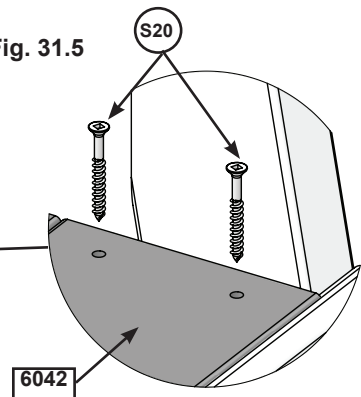


Fig. 31.5



### Wood Parts

- 1 x (6003) Floor Joist 23.8 x 50.8 x 862.2mm
- 6 x (6013) Floor Board 15.9 x 98 x 533.4mm

### Hardware

- 4 x (S11) #8 x 2" Wood Screws
- 40 x (S20) #8 x 1-3/8" Wood Screws



## Step 32: Climbing Wall Assembly

**A:** Starting with a (6009) Rock Board B at both the top and bottom of the Climbing Wall, alternate between (6010) Rock Boards A and (6009) Rock Boards B making sure that the boards are evenly spaced as shown in (fig. 32.1). Attach using 4 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 32.1 & 32.2)

**Note:** Board orientation must be followed closely.

Fig. 32.1

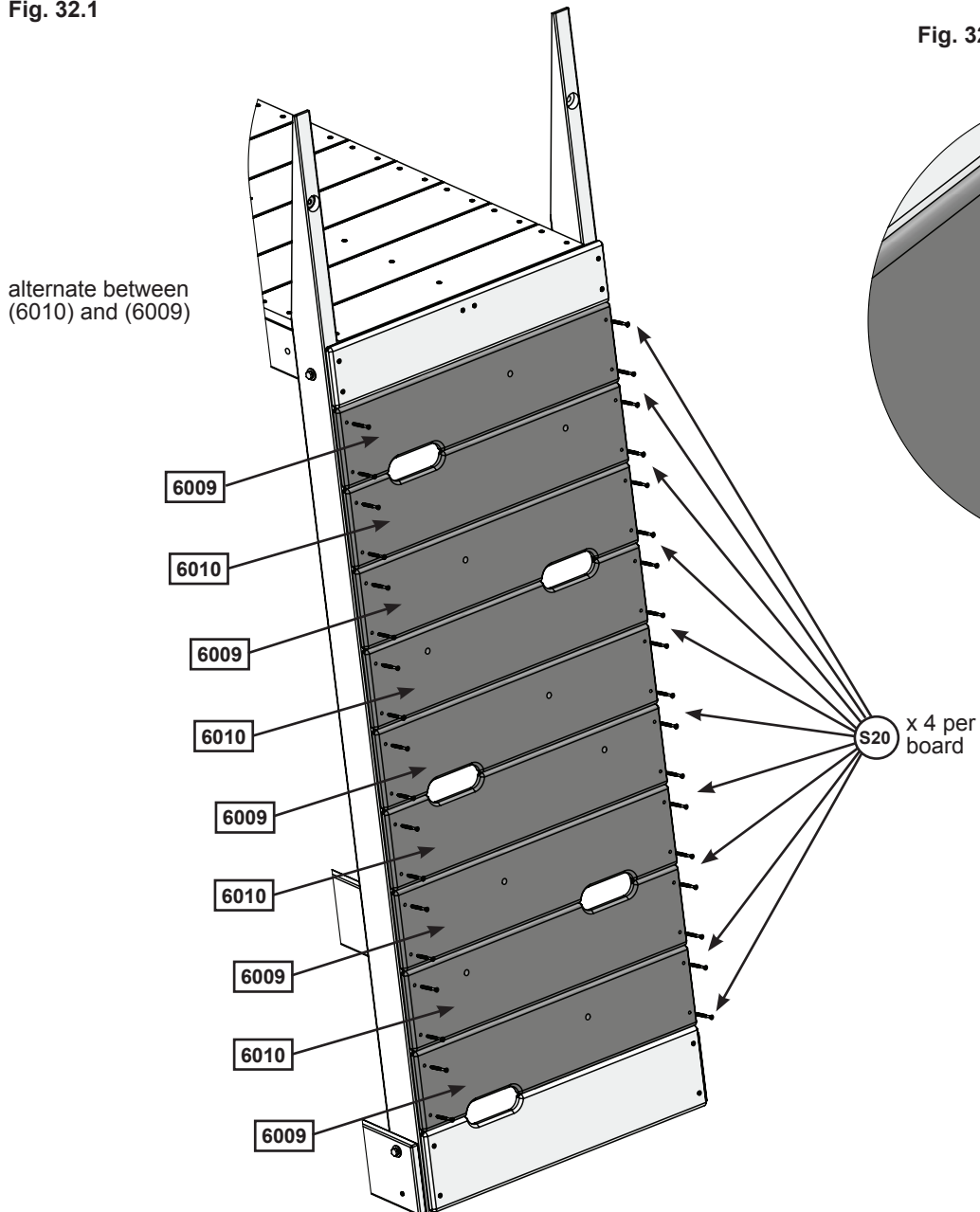
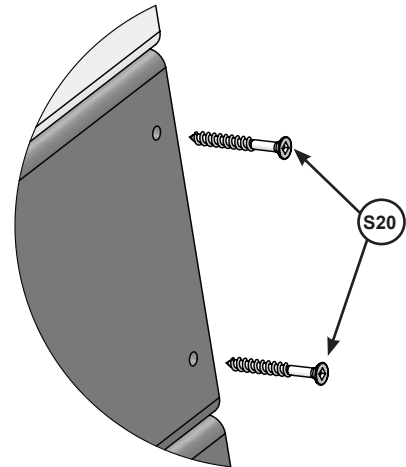


Fig. 32.2



### Wood Parts

- 5 x 6009 Rock Board B 15.9 x 133.4 x 596.9mm
- 4 x 6010 Rock Board A 15.9 x 133.4 x 596.9mm

### Hardware

- 36 x S20 #8 x 1-3/8" Wood Screws

# Step 33: Wall Top Assembly Part 1



**A:** Making sure that assemblies are square, position the Left Wall Assembly onto the lower left assembly as shown in (fig. 33.1 & 33.2). Attach (6002) Long Post to (6012) Short Post using 1 (H12) 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut). In the upper hole of (6026) Rock Rail, pre-drill with a 1/8" (3.2mm) drill bit and install 1 (LS3) 1/4 x 3" Lag Bolt (with flat washer). Install 1 (H3) 1/4 x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut) in the (6000) Upper Post. (fig. 33.1 & 33.2)

Fig. 33.1

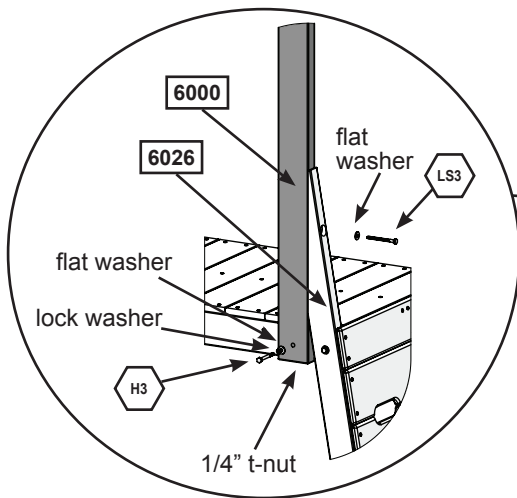
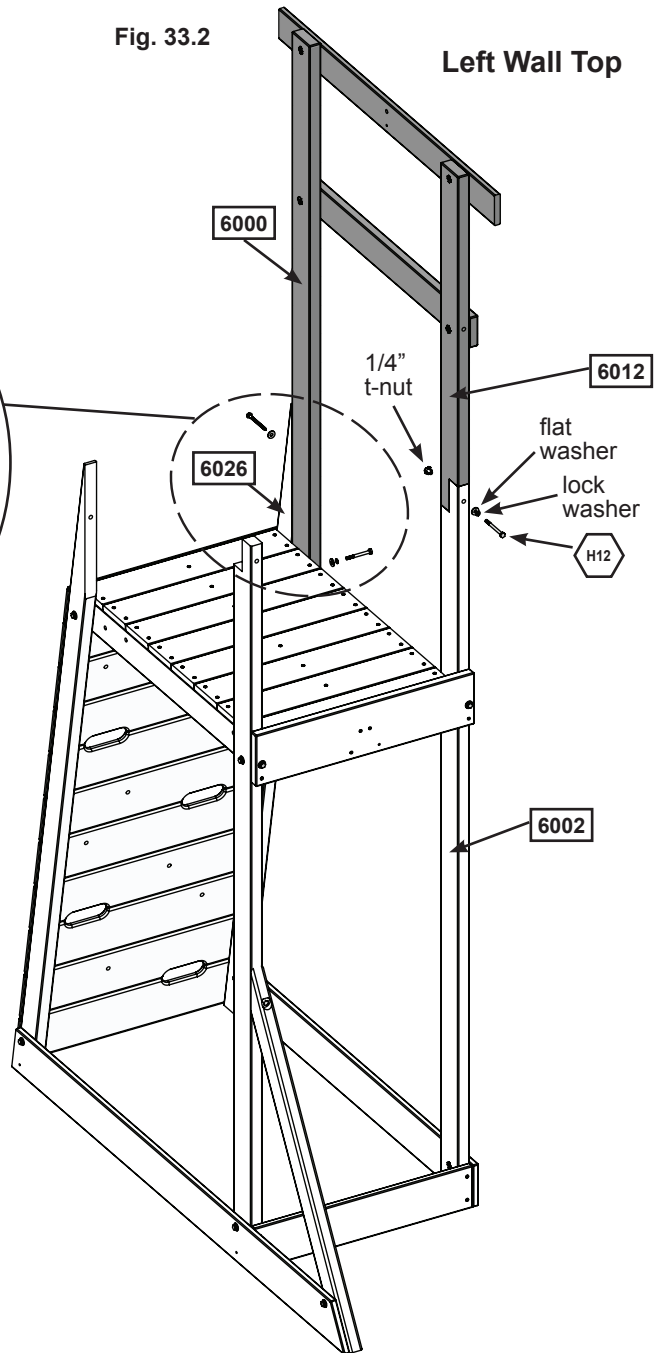


Fig. 33.2



## Hardware

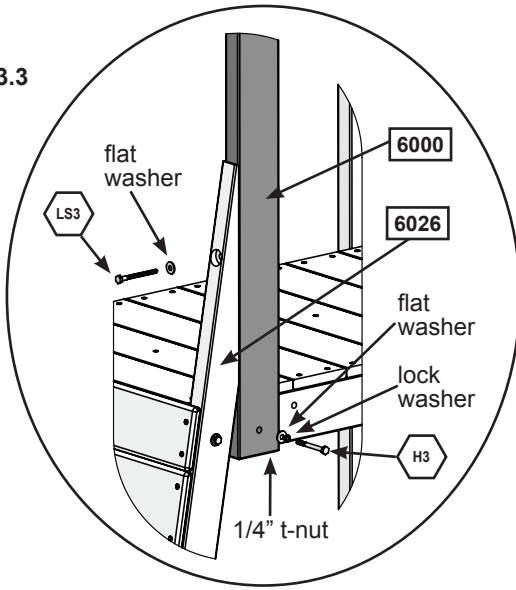
- 1 x 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut)
- 1 x 1/4 x 3" Lag Bolt (with flat washer)
- 1 x 1/4 x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)

# Step 33: Wall Top Assembly Part 2



**B:** Repeat step A to install the Right Wall Assembly. (fig. 33.3 & 33.4)

Fig. 33.3



Right Wall Top

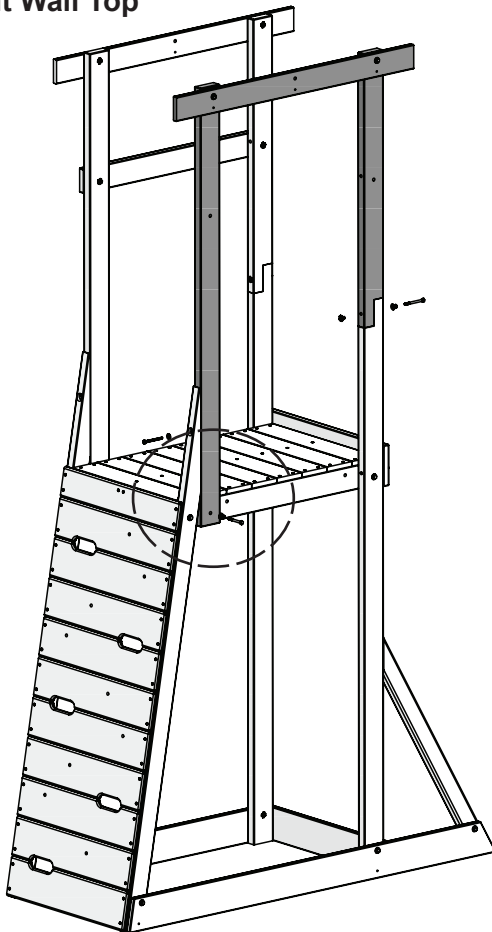
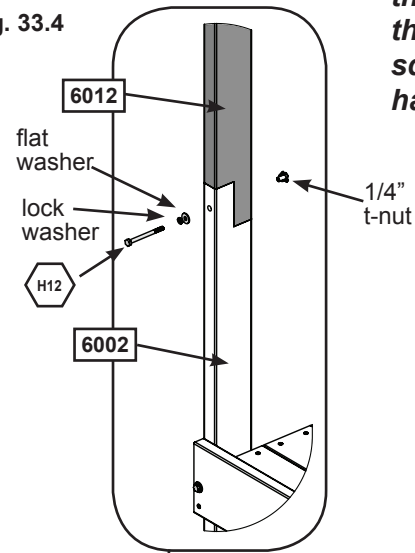
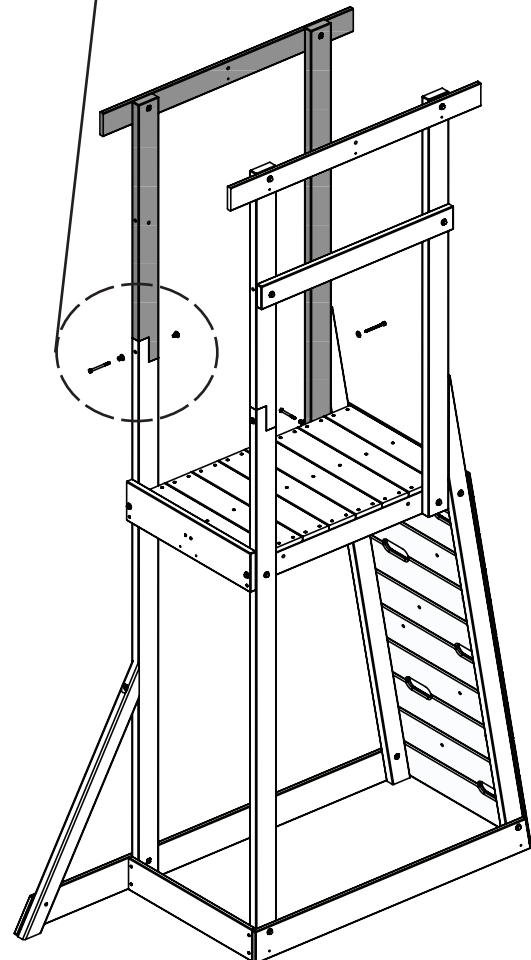


Fig. 33.4



Right Wall Top



*Before proceeding to the next step ensure that unit is completely square and all hardware is tightened.*

## Hardware

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

## Step 34: Install Top Back

**A:** On the back side of the assembly install (6028) Top Back using 2 (H8)  $\frac{1}{4}$  x 4-1/4" Hex Bolt (with flat washer, lock washer and t-nut) in the upper hole and 2 (S7) #12 x 2" Pan Screws in the bottom holes. (fig 34.1 & 34.3)

**B:** On the left and right Roof Sides install 2 (S20) #8 x 1-3/8" Wood Screws into the bottom holes. (fig 34.1 & 34.2)

**C:** Install 1 (S20) #8 x 1-3/8" Wood Screw into each pre-drilled hole on the bottom of the (6020) Short Ground and (6018) Long Ground as shown in (fig. 34.1 & 34.4).

Fig. 34.2

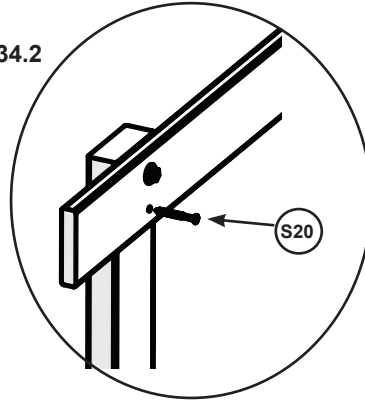


Fig. 34.1

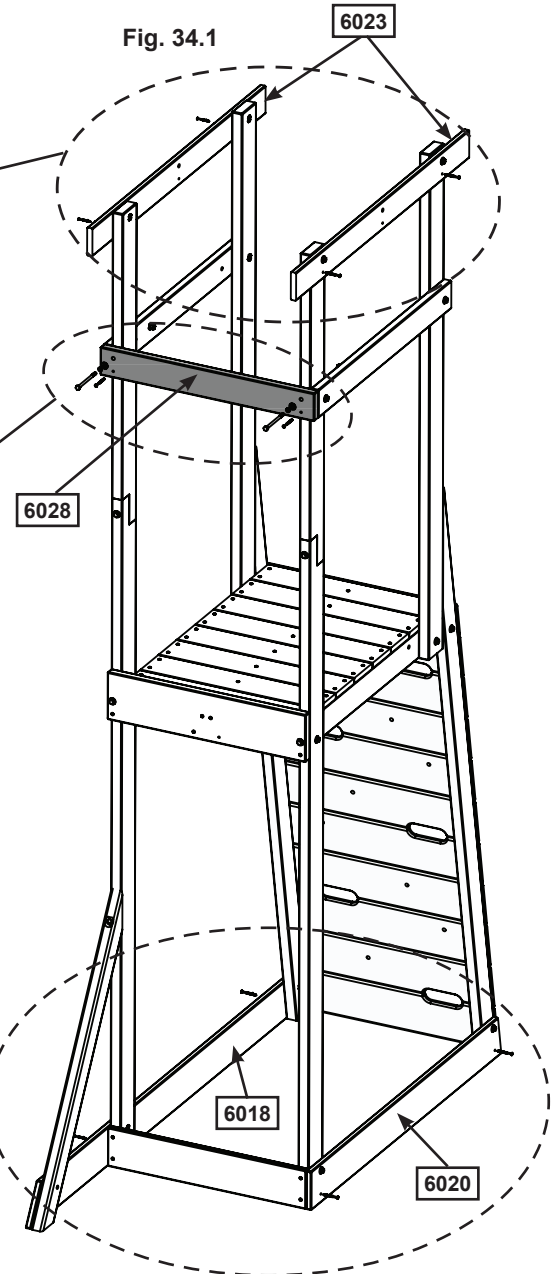


Fig. 34.3

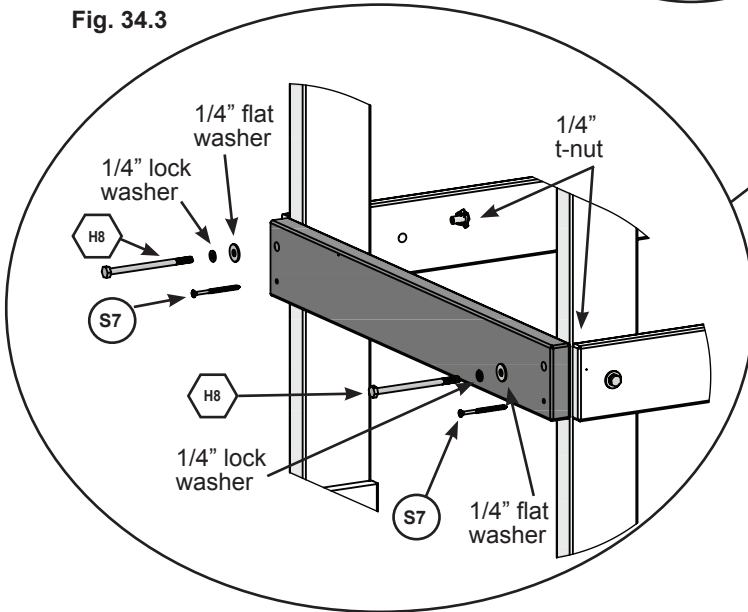
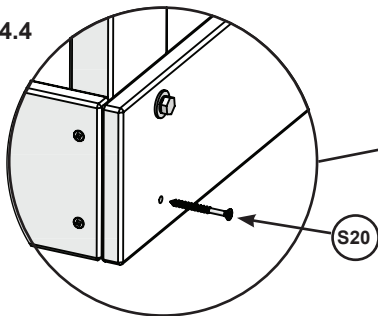


Fig. 34.4



### Wood Parts

1 x 6028 Top Back 23.8 x 82.6 x 644.5mm

### Hardware

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

2 x S7 #12 x 2" Pan Screws

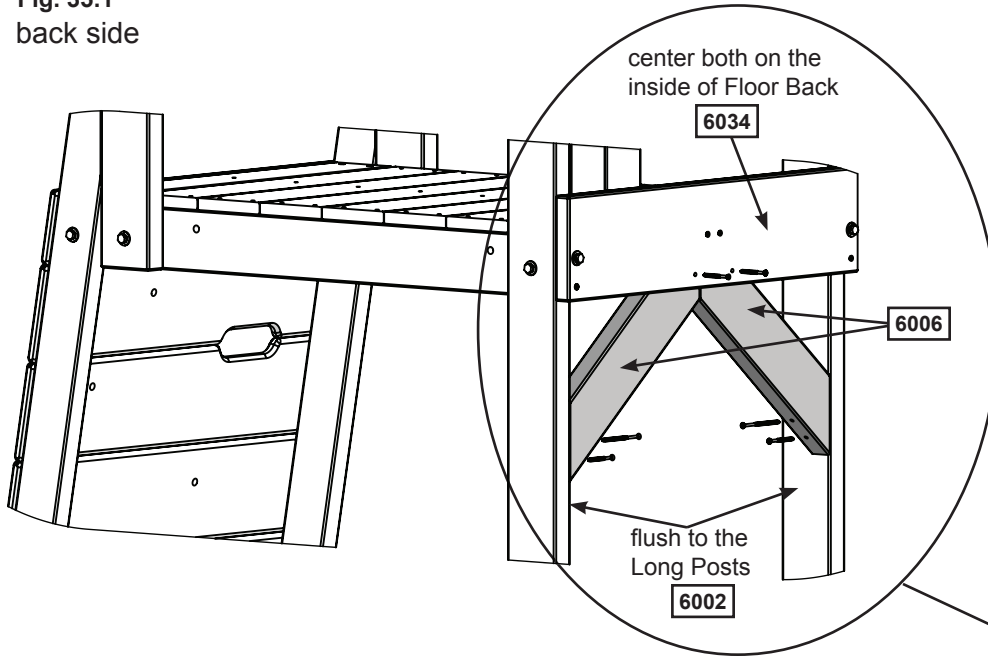
2 x H8  $\frac{1}{4}$  x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut)

# Step 35: Install Gussets Part 1

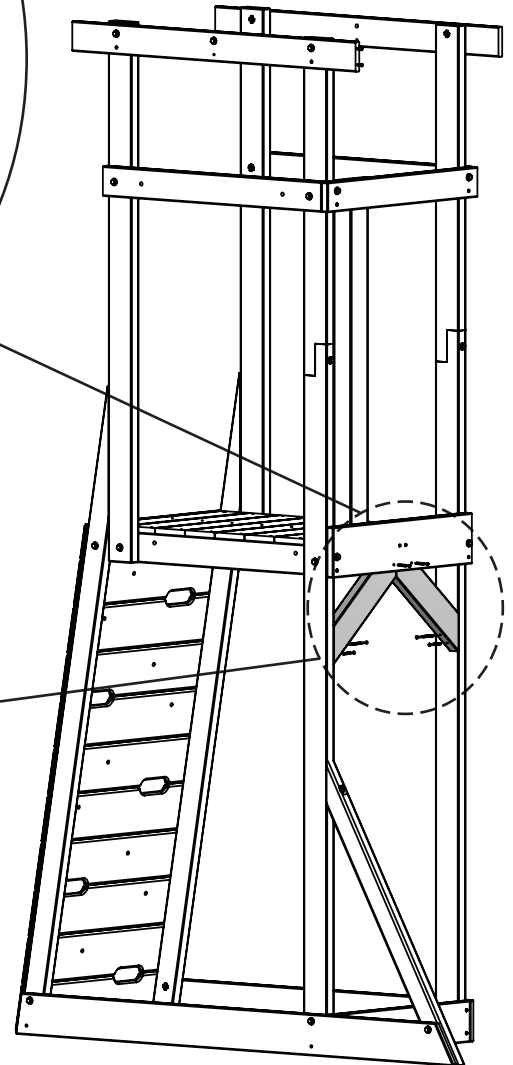
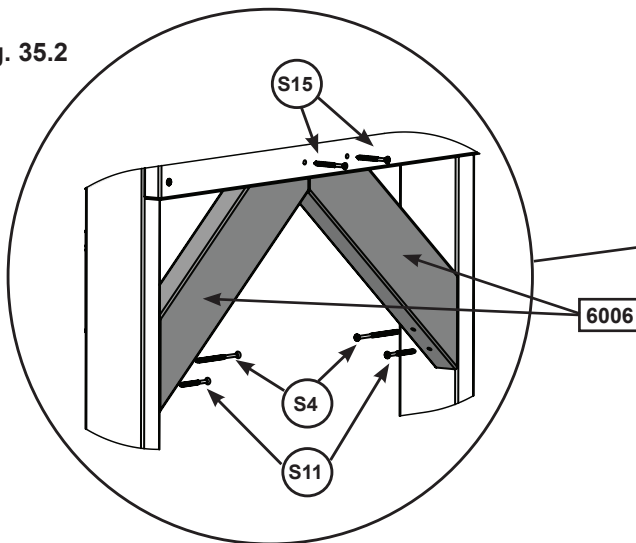
**A:** On the back side of the assembly place 2 (6006) Back Gussets so they meet tightly together to form a point. Center the (6006) Back Gussets on the inside of the (6034) Floor Back making sure the other ends are flush to the Long Posts. (Fig.35.1)

**B:** From the outside, attach the (6006) Back Gussets at the top using 2 (S15) #8 x 1-3/4" Wood Screws. Attach the (6006) Back Gussets to the (6002) Long Posts using 1 (S4) #8 x 3" Wood Screw per side in the upper hole and 1 (S11) #8 x 2" Wood Screw per side in the bottom holes. (Fig.35.2)

**Fig. 35.1**  
back side



**Fig. 35.2**



## Wood Parts

2 x 6006 Back Gusset 31.8 x 82.6 x 396.9mm

## Hardware

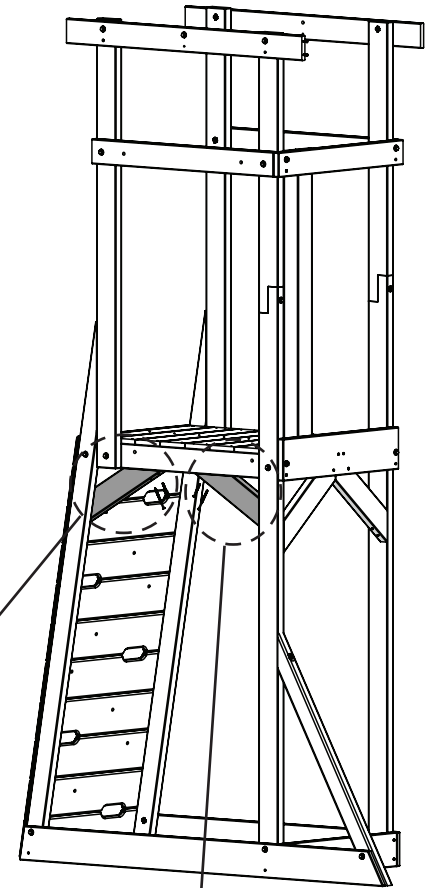
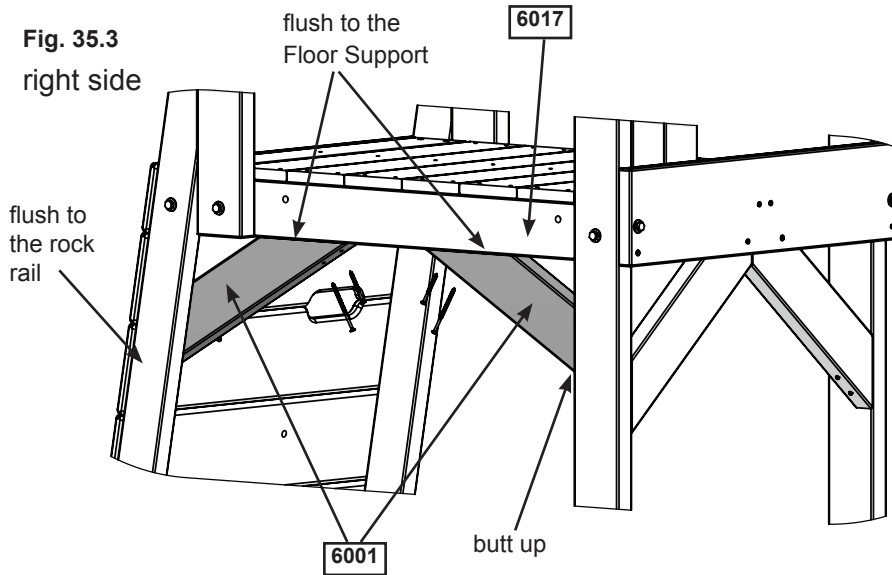
2 x S4 #8 x 3" Wood Screw

2 x S11 #8 x 2" Wood Screw

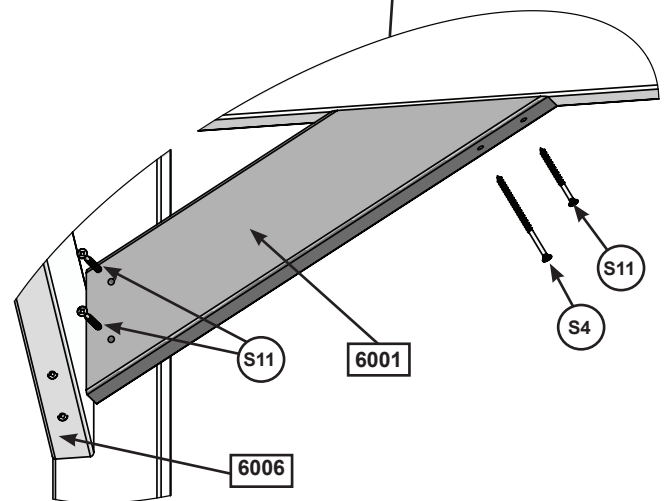
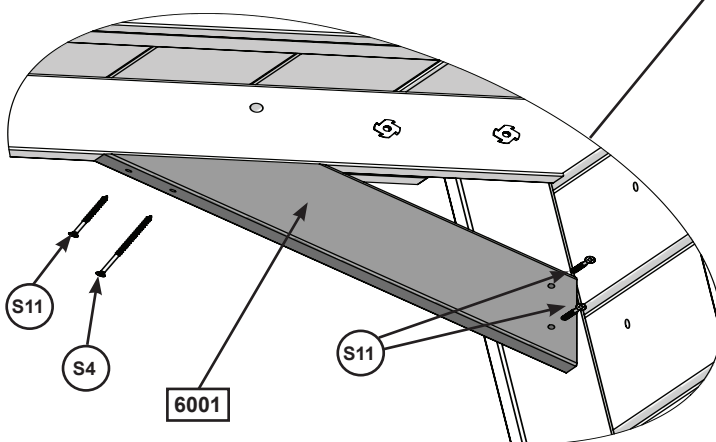
2 x S15 #8 x 1-3/4" Wood Screws

## Step 35: Install Gussets Part 2

**C:** On the right side of the assembly place 2 (6001) Gussets so that they are flush to the (6017) Floor Support. The upper corner of the front (6001) Gusset should be flush to back of the wall boards while the other (6001) Gusset should butt up against the (6006) Back Gusset previously installed. Install (6001) Gussets using 6 (S11) #8 x 2" Wood Screws and 2 (S4) #8 x 3" Wood Screws. (Fig.35.3 & 35.4 )



**Fig. 35.4** view from underneath



### Wood Parts

2 x **6001** Gusset 31.8 x 82.6 x 406.4mm

### Hardware

2 x **S4** #8 x 3" Wood Screw

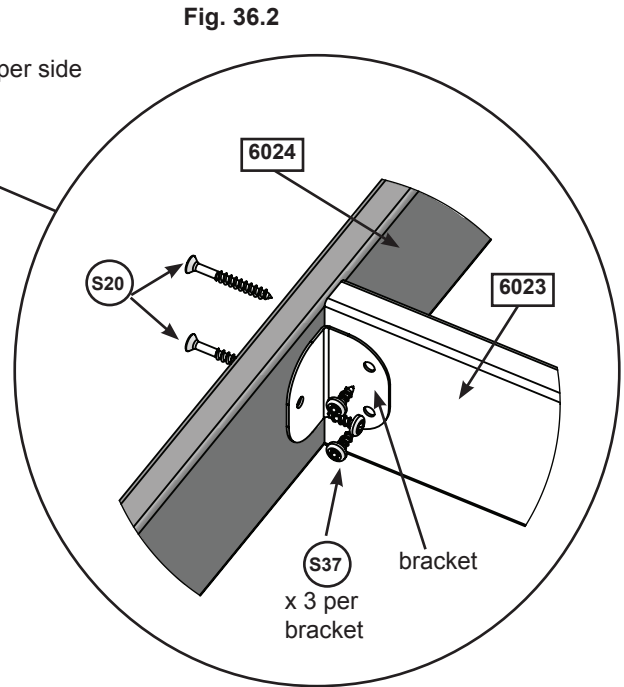
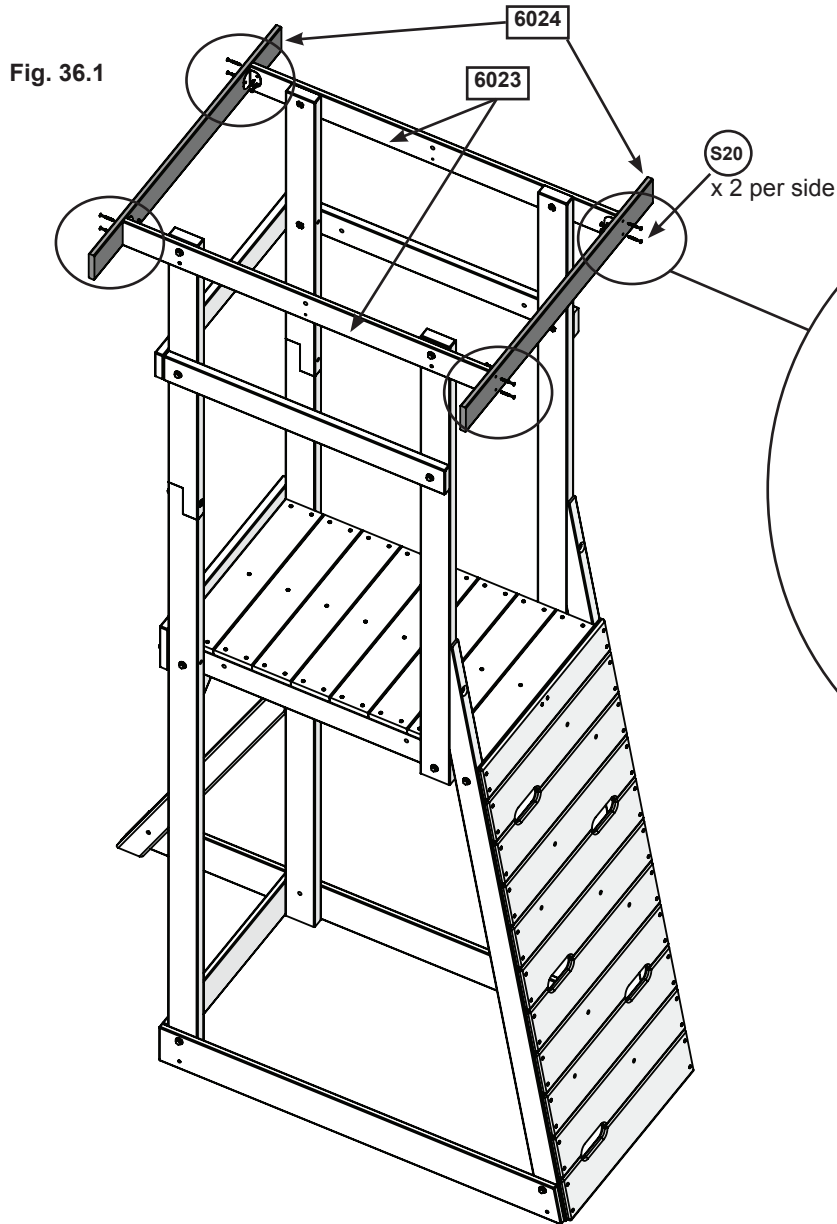
6 x **S11** #8 x 2" Wood Screw

## Step 36: Attach Tarp Frame Part 1



**A:** Place 1 (6024) Tarp End on either side of the (6023) Roof Sides as shown in (Fig. 36.1 & 36.2). Pre-drill with a 1/8" (3.2mm) drill bit and attach from the outside using 4 (S20) #8 x 1-3/8" Wood Screws per side.

**B:** On each inside corner attach a Corner Bracket to the (6024) Tarp Ends and (6023) Roof Sides using 3 (S37) #7 x 5/8" Pan Screws per bracket. (Fig. 36.1 & 36.2)



### Wood Parts

2 x 6024 Tarp End 15.9 x 82.6 x 901.7mm

### Hardware

12 x S37 #7 x 5/8" Pan Screws

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

### Other Parts

4 x Corner bracket



## Step 36: Attach Tarp Frame Part 2

**C:** From inside the assembly using the center holes on the (6023) Roof Sides attach 1 (6008) Tarp Upright per side with 1 (H2)  $\frac{1}{4}$  x 2" Hex Bolt (with flat washer, lock washer and t-nut) per side in the upper holes and 1 (S15) #8 x 1-3/4" Wood Screw per side in the bottom holes. (Fig. 36.3 & 36.4)

**D:** On the top of the (6008) Tarp Uprights install 1 (6025) Tarp Support with 2 (S4) #8 x 3" Wood Screws. (Fig. 36.3 & 36.4)

Fig. 36.3

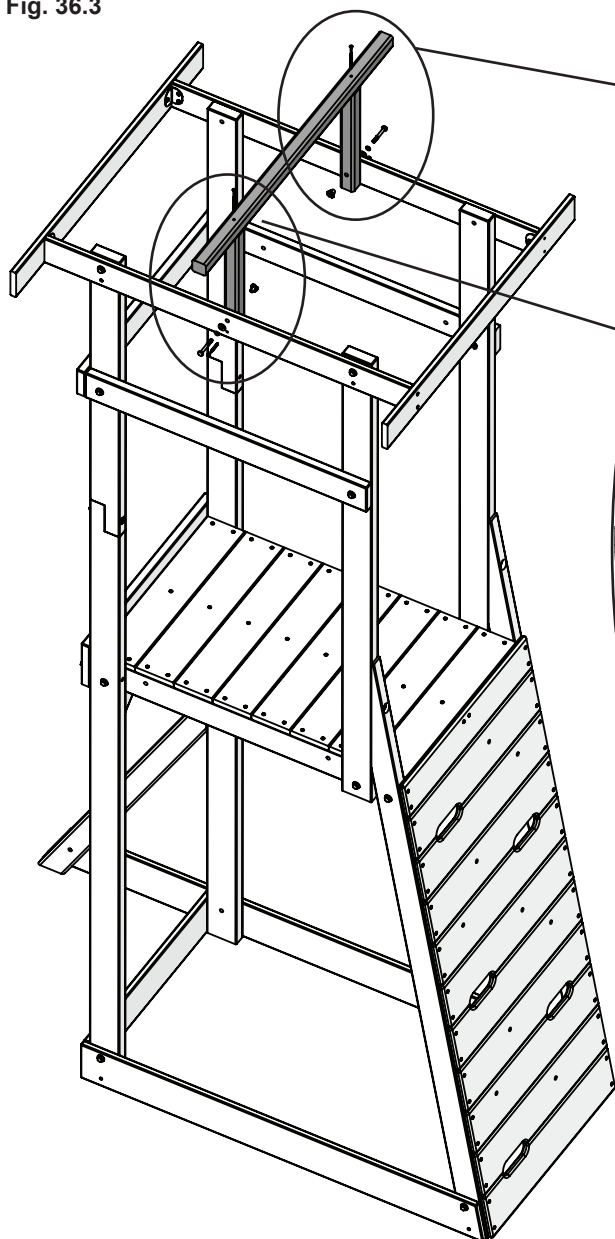
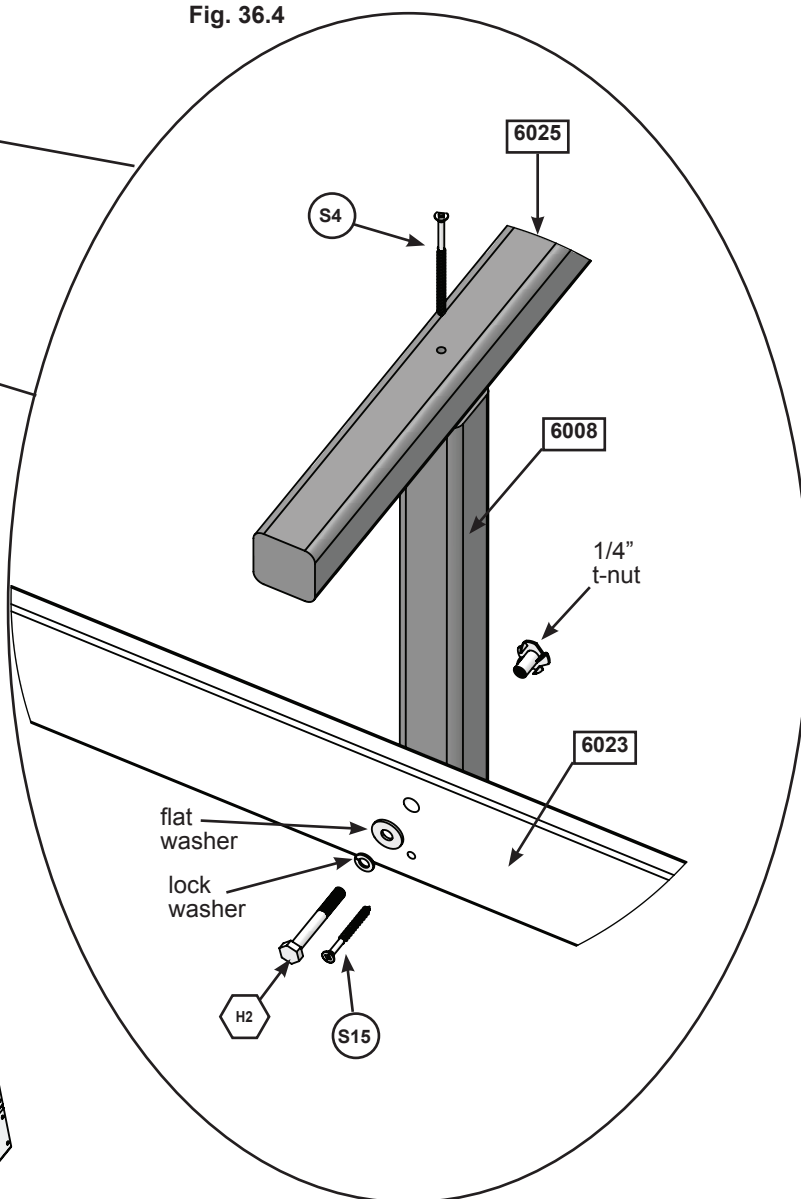


Fig. 36.4



### Wood Parts

- 1 x 6025 Tarp Support 38.1 x 38.1 x 901.7mm
- 2 x 6008 Tarp Upright 38.1 x 38.1 x 336.6mm

### Hardware

- 2 x H2  $\frac{1}{4}$  x 2" Hex Bolt (with flat washer, lock washer and t-nut)
- 2 x S15 #8 x 1-3/4" Wood Screw
- 2 x S4 #8 x 3" Wood Screw

## Step 37: Attach Tower Canopy

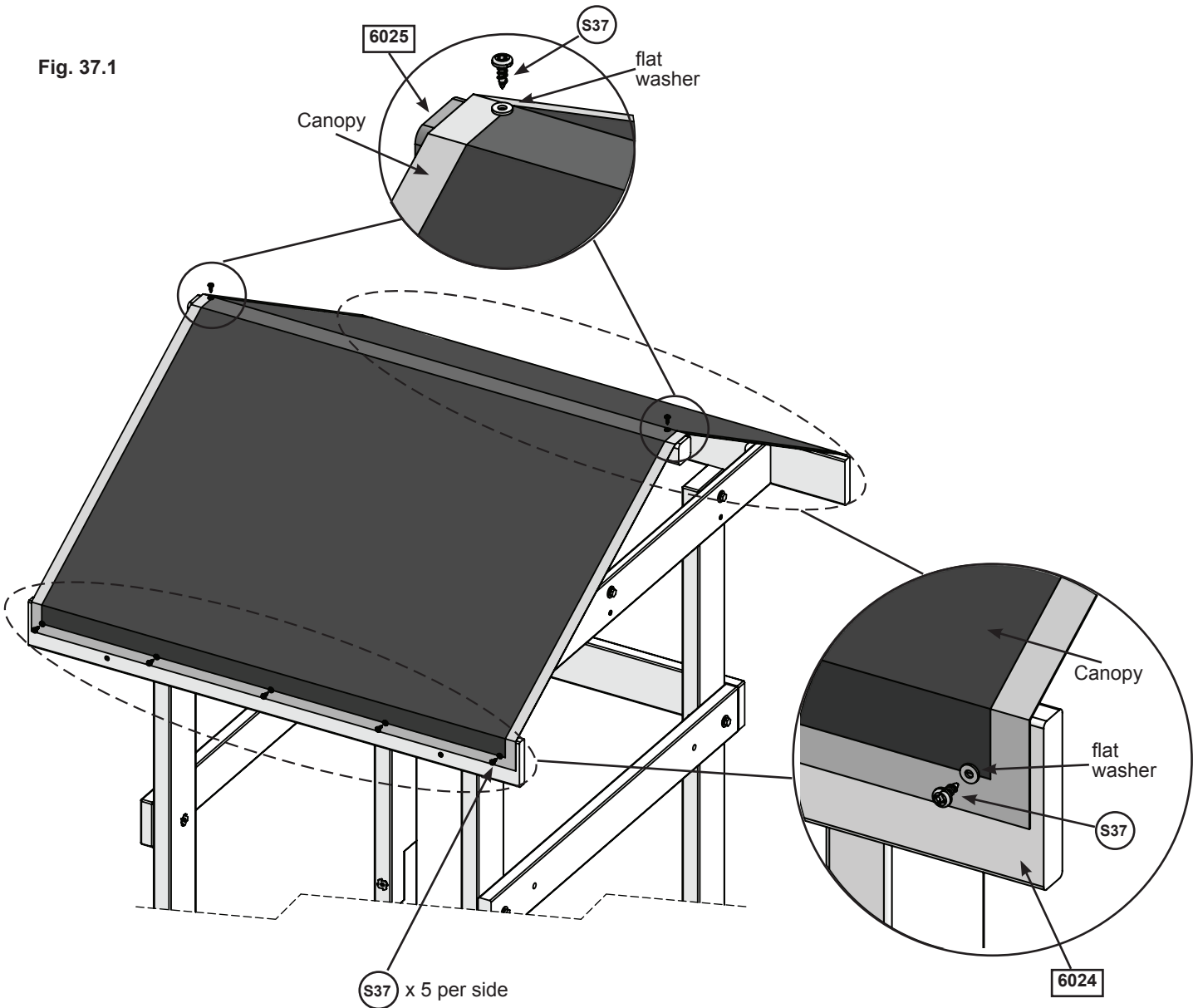
**A:** Place Tower Canopy over (6025) Tarp Support making sure bottom edges of Tower Canopy are even on both sides of assembly.(Fig. 37.1)

**B:** Secure one side by attaching Tower Canopy to 1 (6024) Tarp End using 5 (S37) #7 x 5/8" Pan Screws (with #8 flat washer). (Fig. 37.1)

**C:** Make sure the Tower Canopy is smooth and tight and then secure to the remaining (6024) Tarp End using 5 (S37) #7 x 5/8" Pan Screws (with #8 flat washer). (Fig. 37.1)

**D:** Attach Tower Canopy to each end of the (6025) Tarp Support using 2 (S37) #7 x 5/8" Pan Screws (with #8 flat washer).(Fig. 37.1)

Fig. 37.1



### Hardware

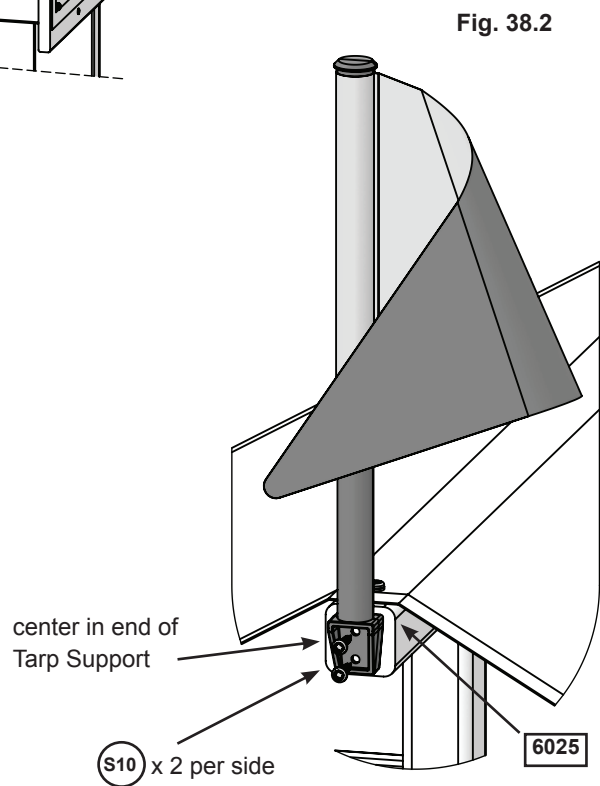
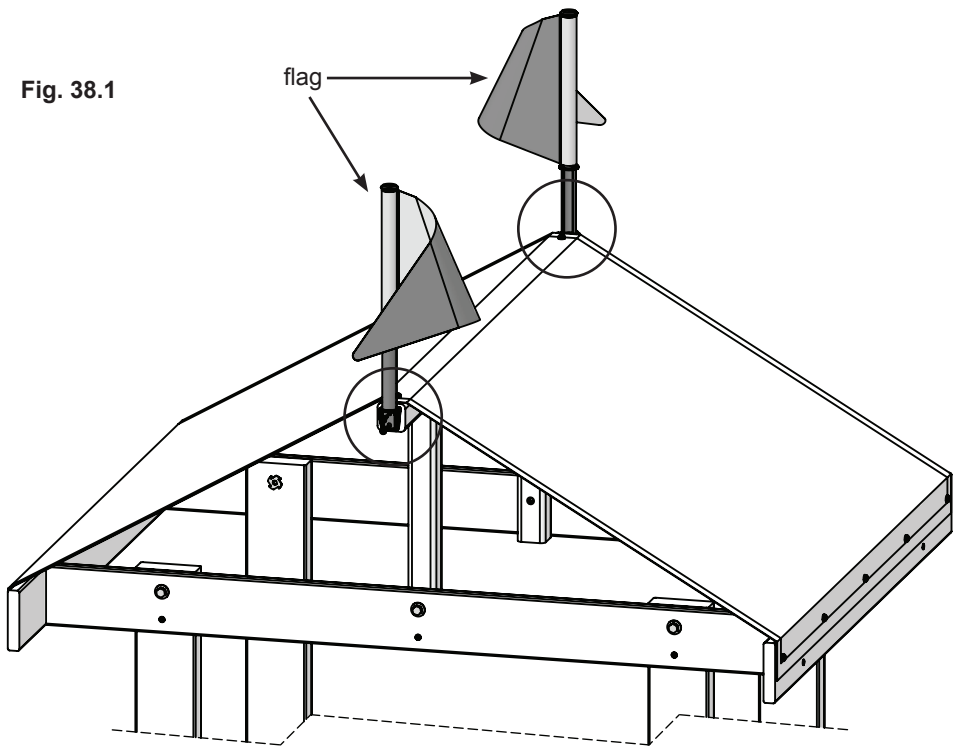
12 x (S37) #7 x 5/8" Pan Screws (with #8 flat washer)

### Other Parts

1 x Tower Canopy

# Step 38: Install Flags

**A:** On each end of the (6025) Tarp Support center 1 Flag and attach using 2 (S10) #8 x 1" Pan Screws per side. (Fig. 38.1 &38. 2)



**Hardware**

4 x (S10) #8 x 1" Pan Screws

**Other Parts**

2 x Flag and Pole

## Step 39: Attach Trim

**A:** Flush to the (0600) Bottom Trim and to the outside edge of the (6026) Rock Rail attach 1 (0602) Short Trim on each side of the (6026) Rock Rails with 1 (S20) #8 x 1-3/8" Wood Screw per side in the center hole. (Fig. 39.1 & 39.2)

**B:** Flush to the top of both (0602) Short Trims attach 1 (0601) Side Trim with 4 (S20) #8 x 1-3/8" Wood Screws per side. (Fig. 39.1 & 39.2)

**C:** Making sure that it's flush with the top of (6030) Tunnel Side Top and both (0601) Side Trims attach 1 (0603)

Fig. 39.1

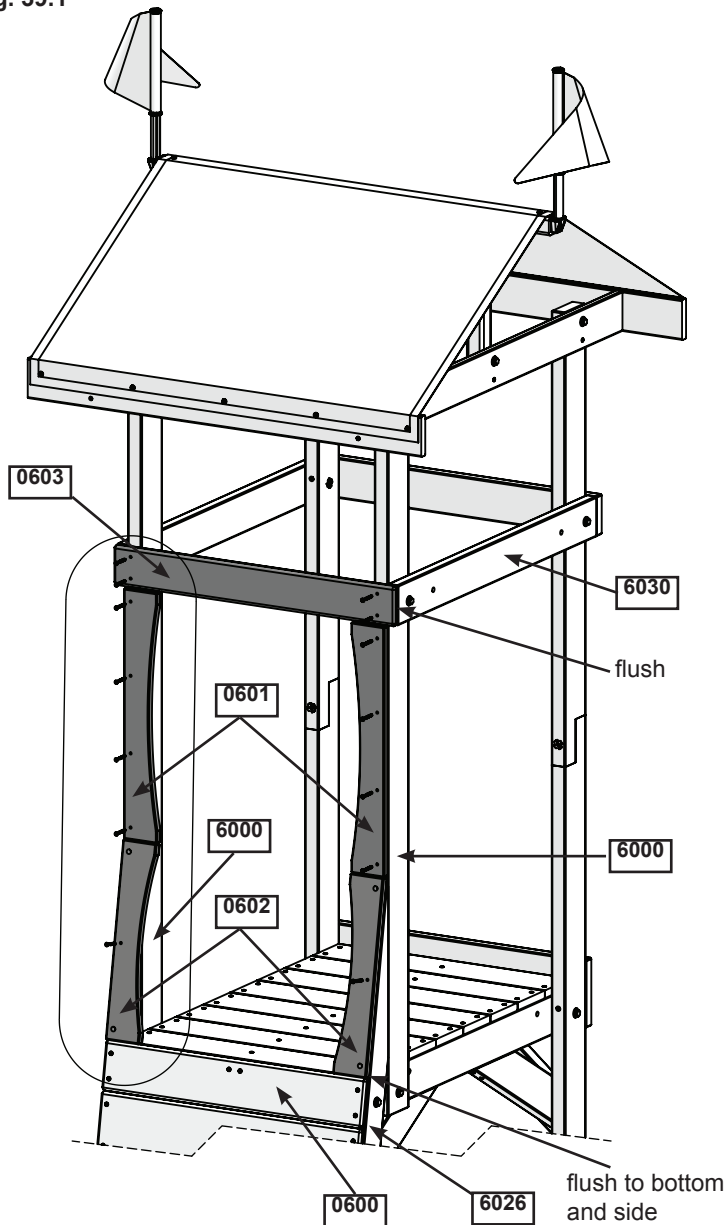
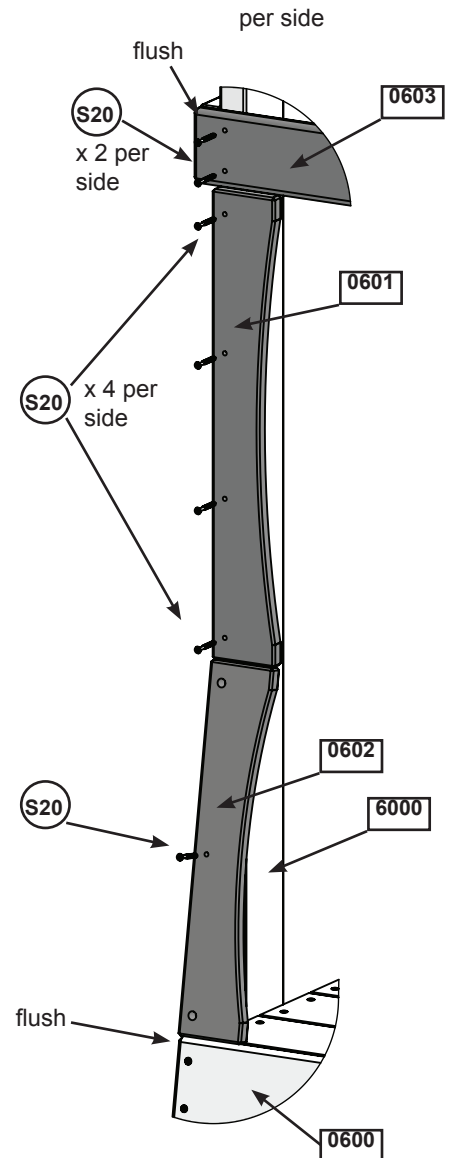


Fig. 39.2



### Wood Parts

- 1 x 0603 Top Trim 15.9 X 101.6 X 596.9mm
- 2 x 0601 Side Trim 15.9 x 76.2 x 500mm
- 2 x 0602 Short Trim 15.9 x 76.2 x 420mm

### Hardware

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

## Step 40: Attach Hand Grips



**A:** Place 1 Hand Grip over the existing holes in (0602) Short Side Trim, making sure that it's centered and flush to the edges. Pre-drill with a 1/8: (3.2mm) drill bit and attach Hand Grip with 2 (LS2) 1/4 x 2-1/2" Lag Screws (with flat washers). (fig. 40.1 and 40.2)

**B:** Repeat step to install a second Hand Grip on the other side.

Fig. 40.1

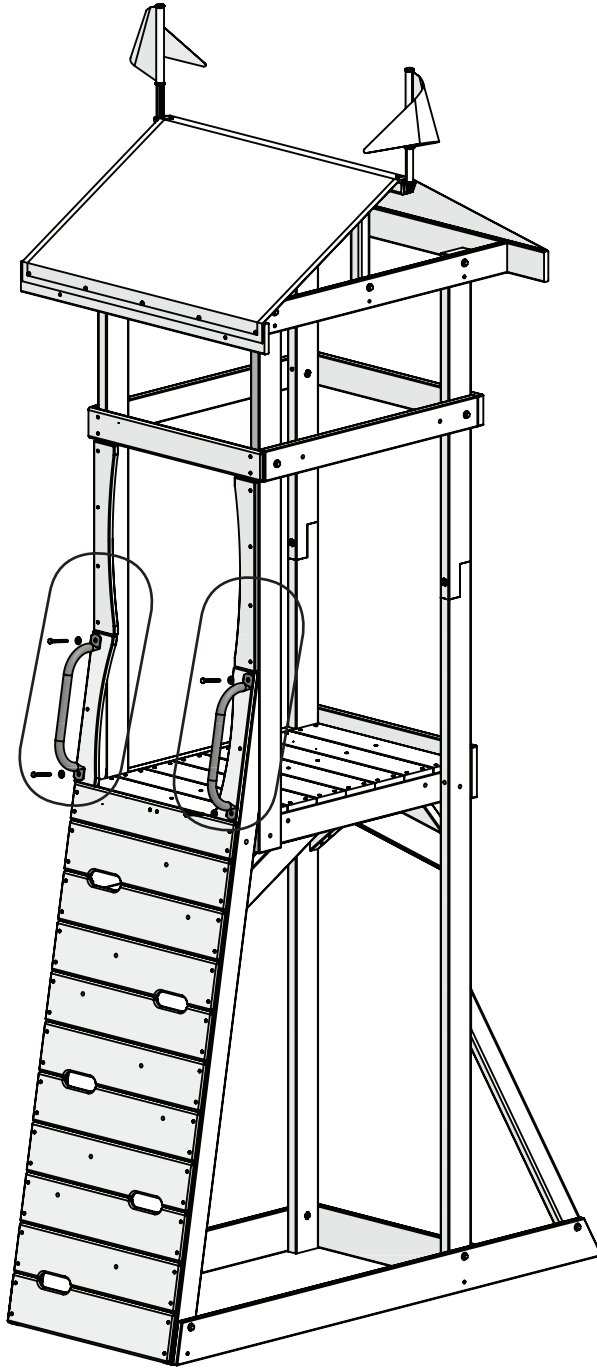
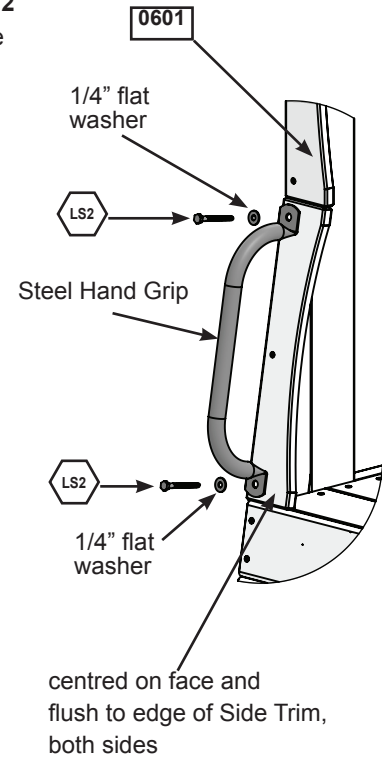



Fig. 40.2  
per side



### Hardware

4 x  1/4 x 2-1/2" Lag Screws (with flat washers)

### Other Parts

2 x Steel Hand Grip

# Step 41: Attach SL Brace

**A:** On the left side wall, place 1 (6022) SL Brace against the (6017) Floor Support making sure that it's flush with the top of the floorboards. Attach using 2 (H3)  $\frac{1}{4}$  x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut). (Fig. 41.1 & 41.2 & 41.3)

**B:** Center the (6005) Slide Block vertically in the slide opening ensuring that it's flush to the bottom of (6022) SL Brace and attach to the (6017) Floor Support using 2 (S11) #8 x 2" Wood Screws. (Fig. 41.1 & 41.2 & 41.3)

**C:** From inside the assembly place 1 (6032) TNR Wall so it's pressed against the inside of the (6005) Slide Block, (6026) Rock Rail and (6002) Long Post. Ensure that the bottom of the (6032) TNR Wall is flush with the bottom of the (6005) Slide Block and attach with 7 (S11) #8 x 2" Wood Screws. (Fig. 41.1 & 41.2 & 41.3).

Fig. 41.1  
left side wall

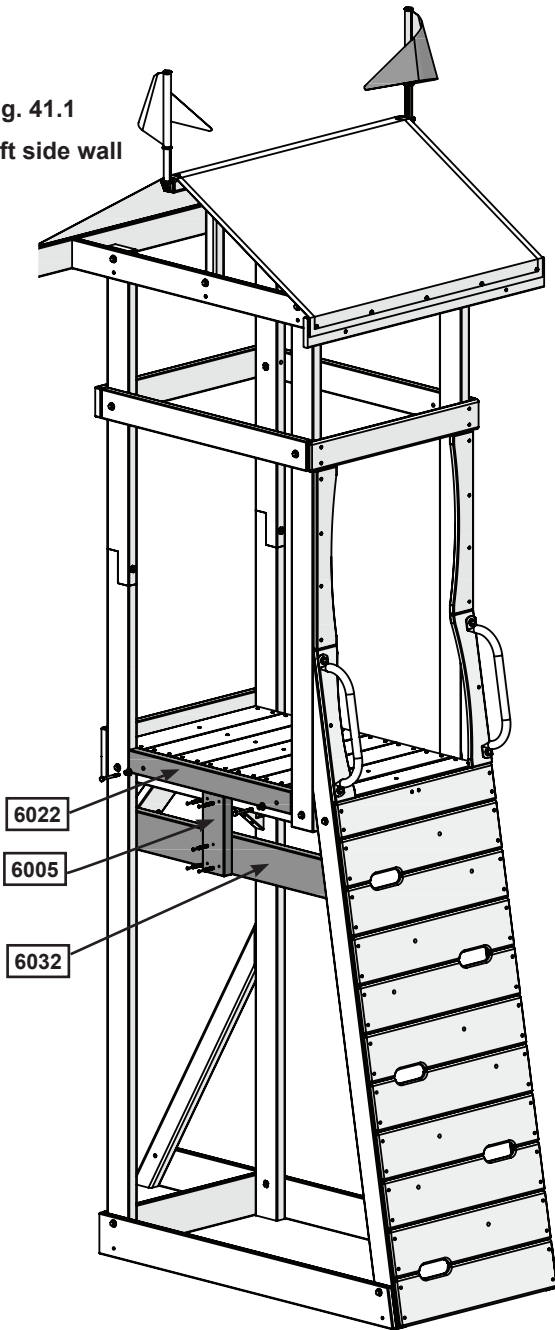


Fig. 41.2  
inside

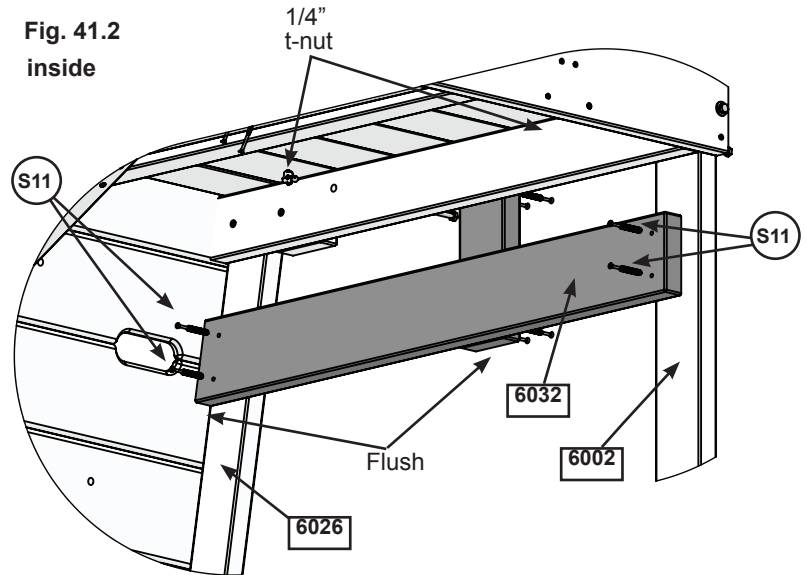
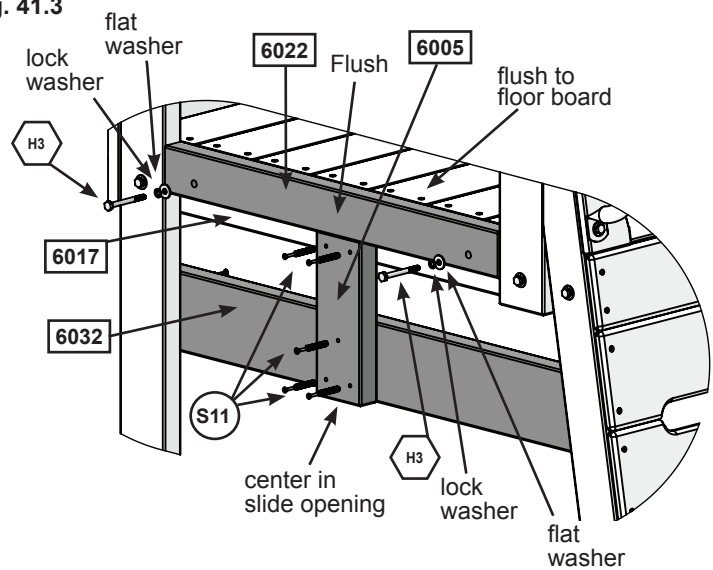


Fig. 41.3



## Wood Parts

- 1 x 6022 SL Brace 31.8 x 63.5 x 616mm
- 1 x 6005 TNR Slide Block 31.8 x 82.6 x 222.3mm
- 1 x 6032 TNR Wall 31.8 x 108 x 874mm

## Hardware

- 9 x S11 #8 x 2" Wood Screws
- 2 x H3  $\frac{1}{4}$  x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)

## Step 42: Attach Tunnel Wall Assembly



**A:** On the left side of the tunnel wall place 1 (6007) Wall Support beside the (6000) Upper Post. The top of the (6007) Wall Support should be behind the (6030) Tunnel Side Top and the bottom end should be on the outside of the (6017) Floor Support. Attach using 1 (H2)  $\frac{1}{4}$  x 2" Hex Bolts (with flat washer, lock washer and t-nut) in tunnel side and 1 (H3)  $\frac{1}{4}$  x 2-1/2" Hex Bolt in Floor Support. (Fig. 42.1 & 42.2)

**B:** Repeat step A to install a second (6007) Wall Support on the right side of the tunnel wall. (Fig. 42.1 & 42.2)

**C:** Measure to ensure that there is a 17" (432mm) space between the 2 (6007) Wall Supports and attach 1 (6014) Tunnel Spacer flush to the top of the floor boards with 5 (S11) #8 x 2" Wood Screws. (Fig. 42.1 & 42.2)

Fig. 42.1

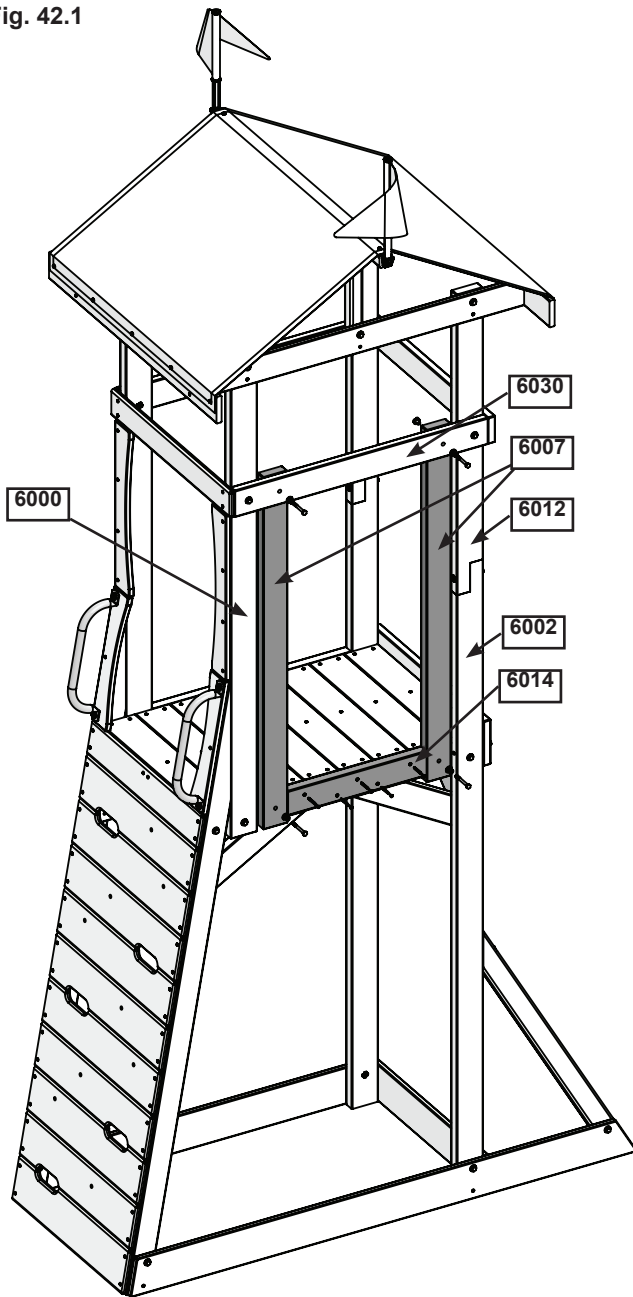
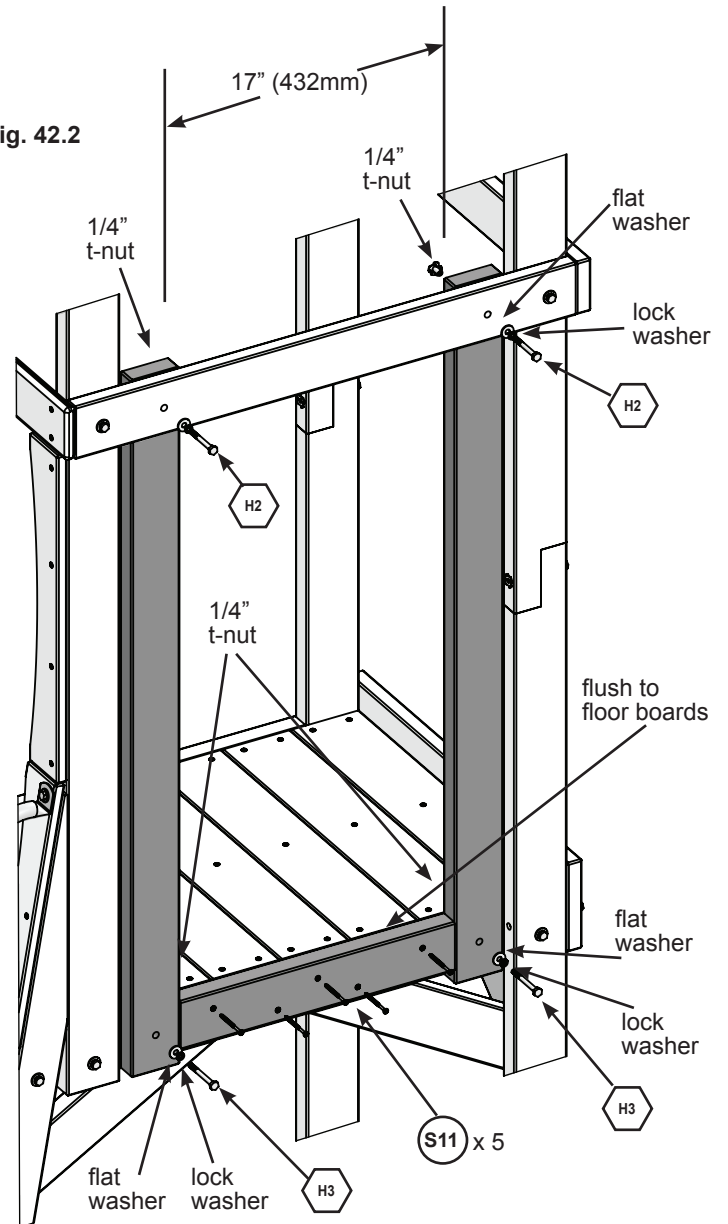


Fig. 42.2



### Wood Parts

- 2 x 6007 Wall Support 31.8 x 76.2 x 1095.4mm
- 1 x 6014 Tunnel Spacer 31.8 x 76.2 x 430.2mm

### Hardware

- 5 x S11 #8 x 2" Wood Screws
- 2 x H3  $\frac{1}{4}$  x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)
- 2 x H2  $\frac{1}{4}$  x 2" Hex Bolts Hex Bolt (with flat washer, lock washer and t-nut)



# Step 43: Attach Rocks to Climbing Wall

**A:** Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) ¼ x 1-1/4" Pan Bolt (with ¼" lock washer, 3/16" flat washer and ¼" barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. (Fig. 43.1 & 43.2 & 43.3)

The Pan Screw is placed in the hole beneath the Pan Bolt.

Fig. 43.1

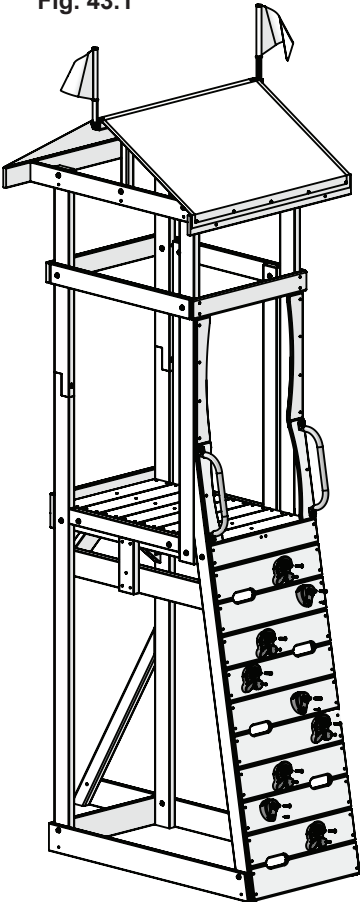


Fig. 43.2

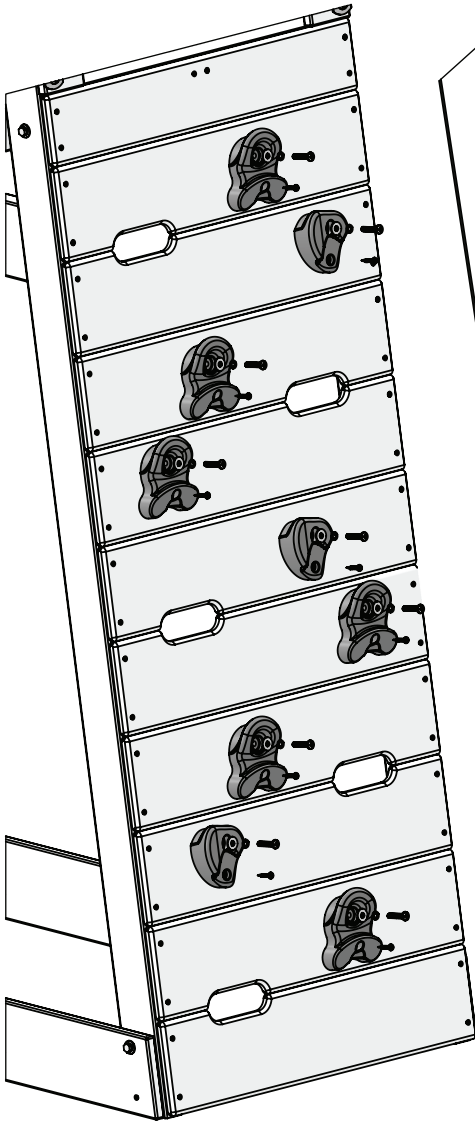
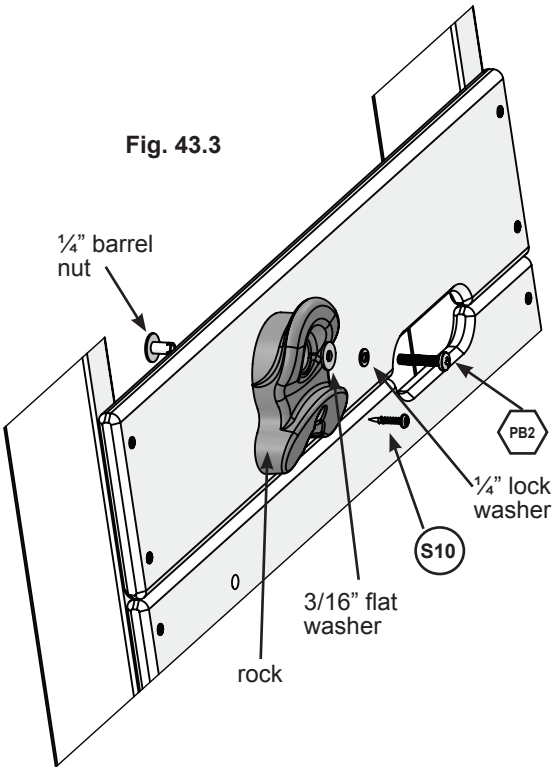


Fig. 43.3



**Hardware**

- 9 x (S10) #8 x 1" Pan Screw
- 9 x (PB2) ¼ x 1-1/4" Pan Bolt (with ¼" lock washer, 3/16" flat washer and ¼" barrel nut)

**Other Parts**

- 9 x Rocks

# Step 44: Attach Telescope

**A:** On the Back Wall, center the Telescope and attach to (6028) Top Back with 2 (S20) #8 x 1-3/8" Wood Screws. (fig. 44.1 &44.2)

**Move Assembly to final location.(fig. 44.3)**

Fig. 44.1

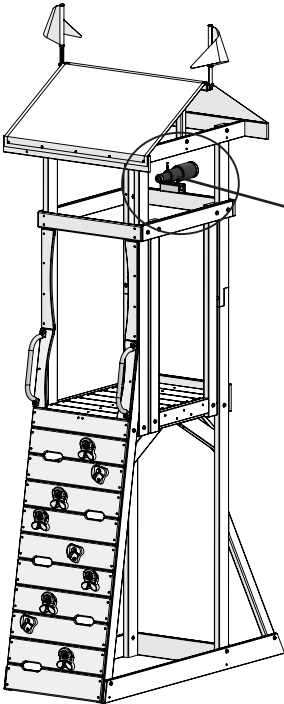


Fig. 44.2

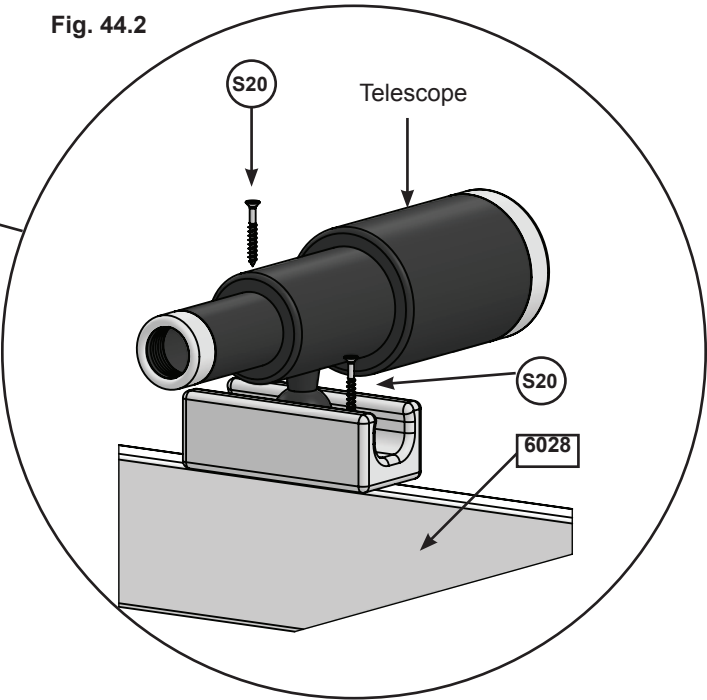
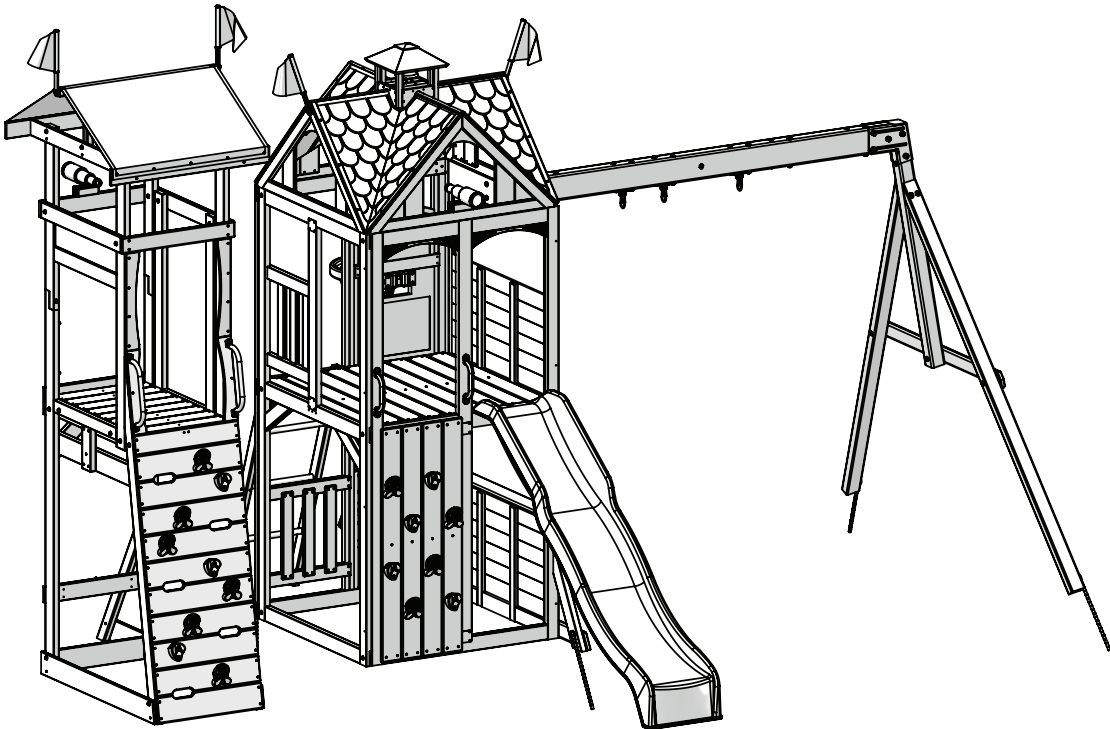


Fig. 44.3



approximately 33-1/2" or 850cm apart with the Adventure Tower opening and Fort opening lining up.

## Hardware

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

## Other Parts

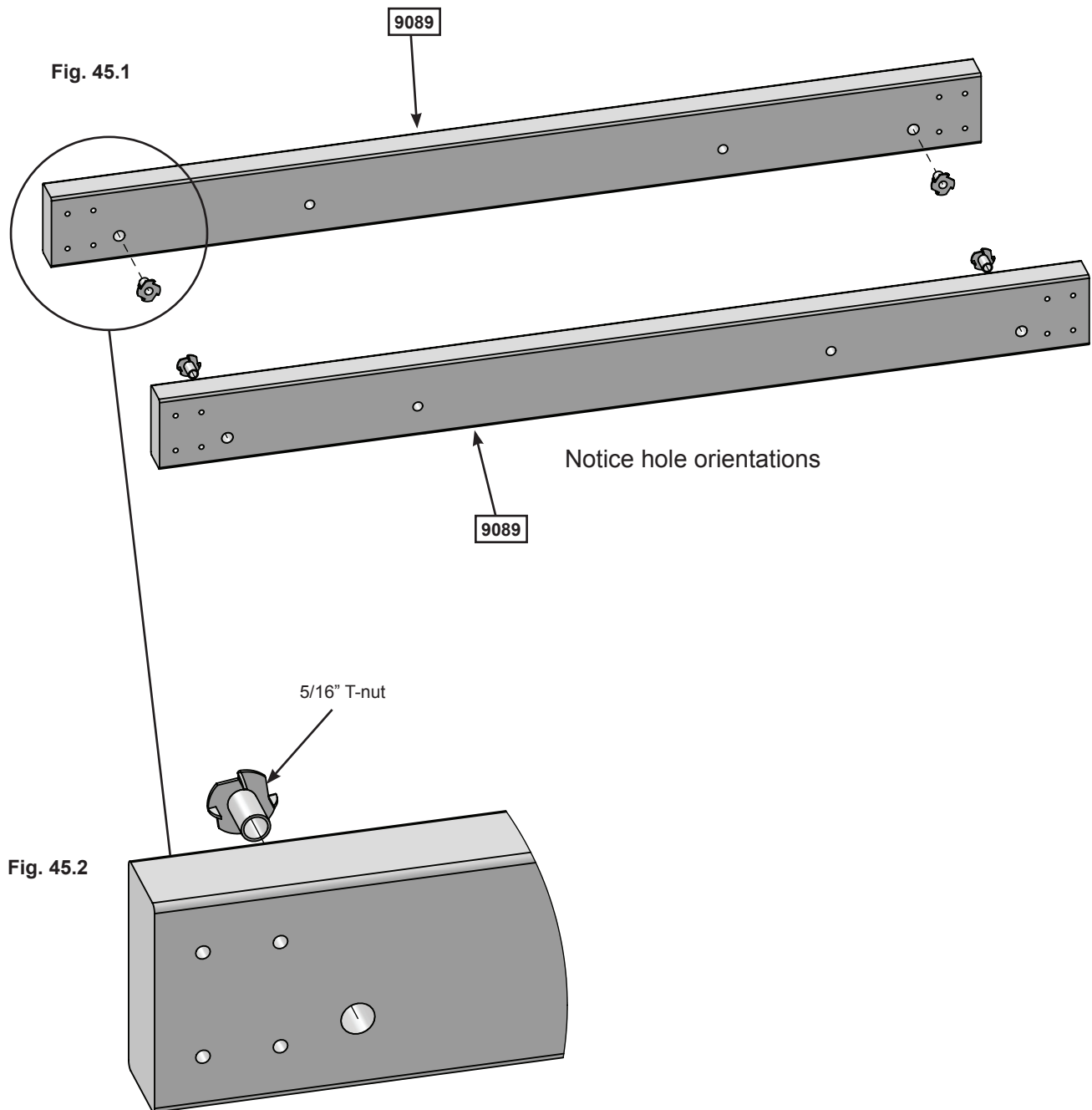
1 x Telescope w/ Mount

### 3' Tunnel & Chin Bar Assembly

#### Step 45: Tunnel Frame Assembly

#### Part 1

**A:** Place 2 (9089) Short Tunnel Side Joists side by side making sure that the pre-drilled holes for the t-nuts are at the bottom. Install 1 t-nut on the inside of all 4 ends. (fig. 45.1 and 45.2)



#### Wood Parts

2 x 9089 Short Tunnel Side Joist 31.8 x 76.2 x 914.4mm

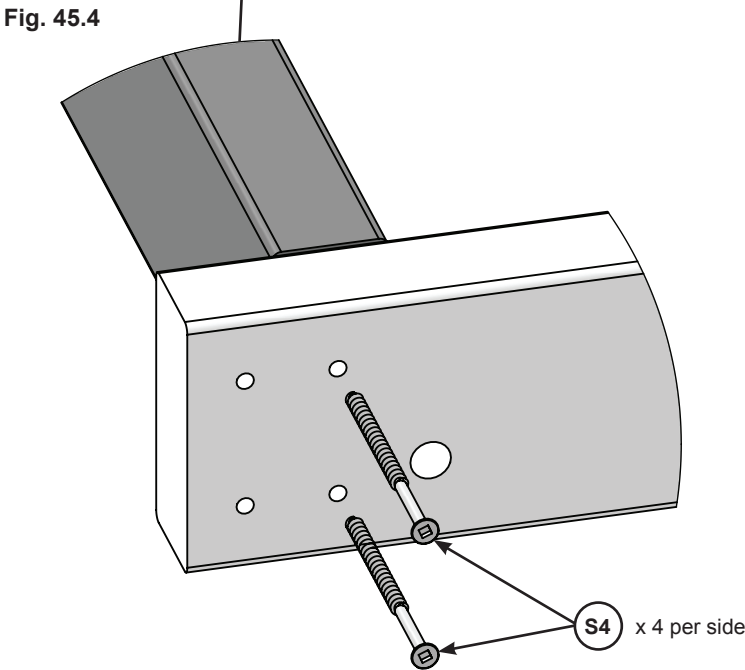
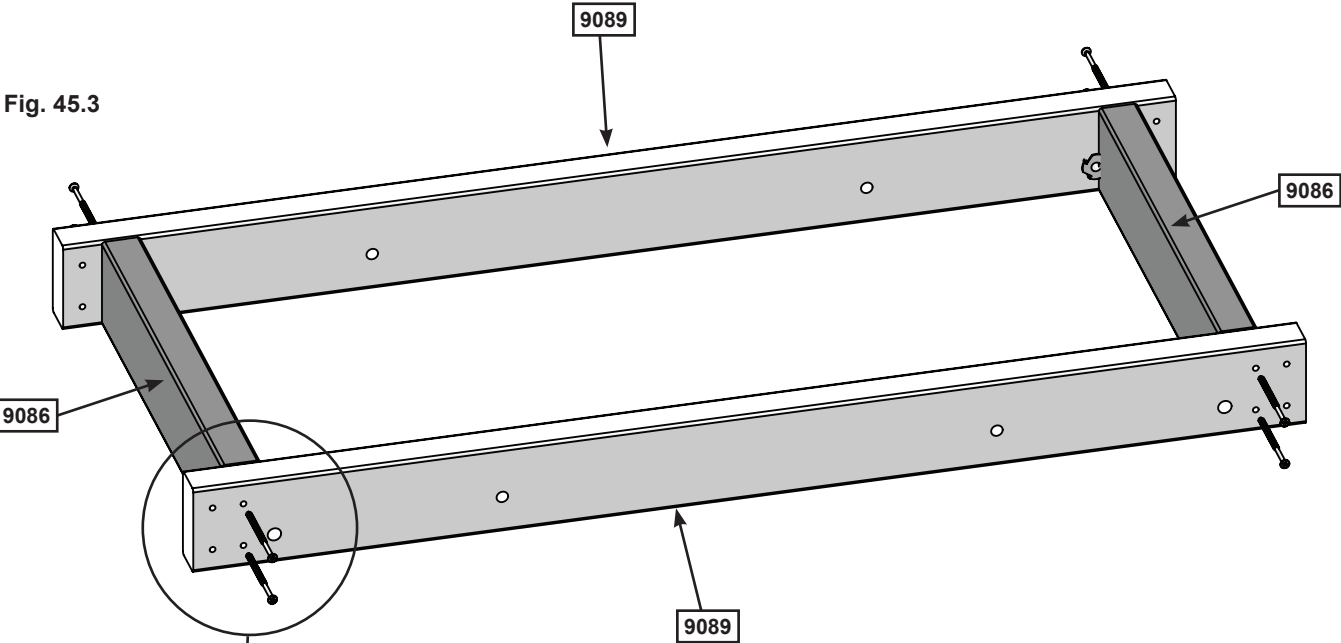
#### Hardware

4 x 5/16" T-nut

# Step 45: Tunnel Frame Assembly

## Part 2

**B:** Place 1 (9086) Tunnel Top at each end of the joists so that they line up with the inside set of pre-drilled holes on the (9089) Short Tunnel Side Joists. Attach using 8 (S4) #8 x 3" Wood Screws. (Fig. 45.3 and 45.4)



**Wood Parts**

2 x 9086 Tunnel Top 31.8 x 76.2 x 366.7mm

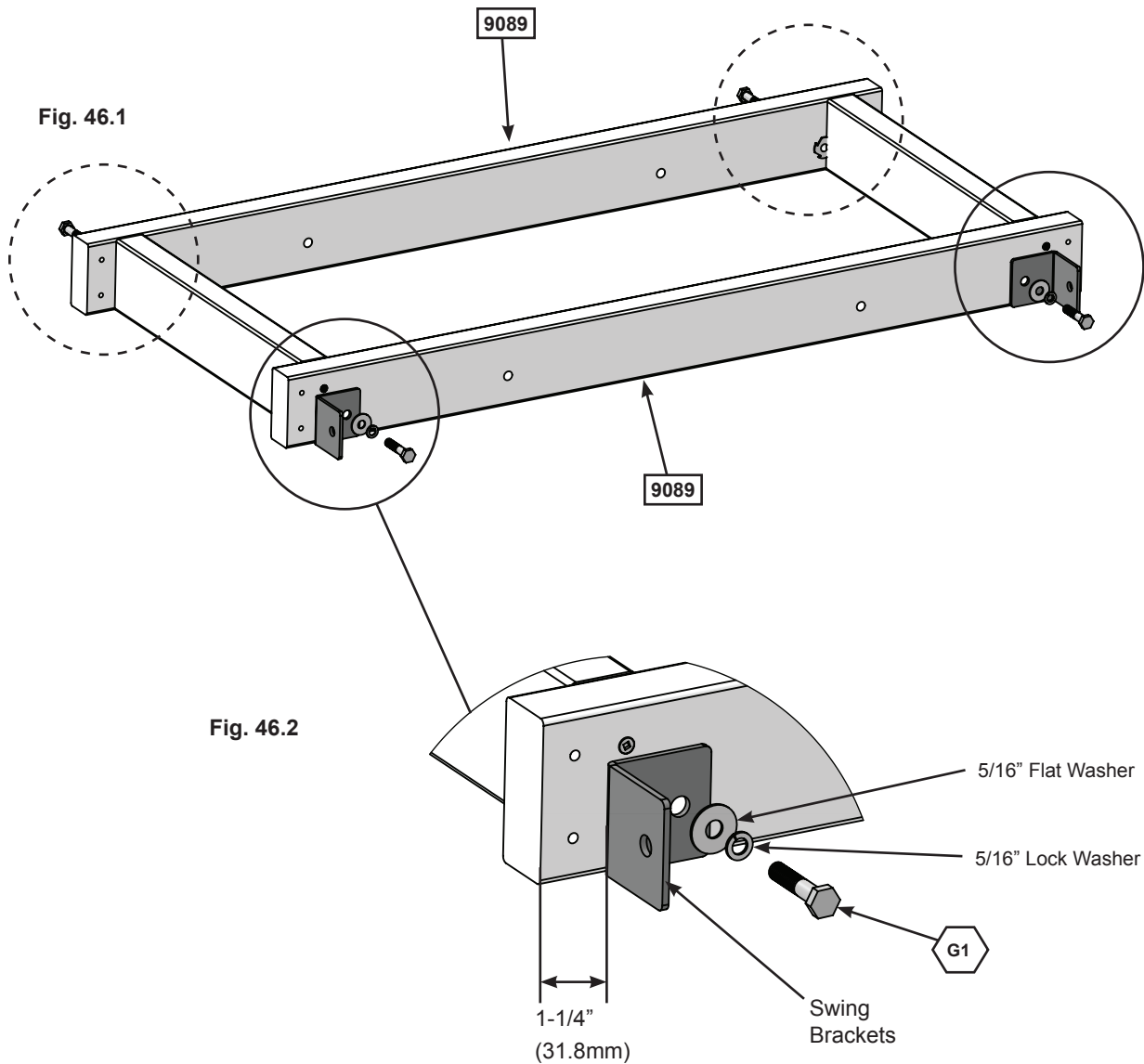
**Hardware**


8 x S4 #8 x 3" Wood Screw

# Step 46: Install Swing Brackets



**A:** From outside the frame assembly, measure 1-1/4" (31.8mm) in from each end of the (9089) Short Tunnel Side Joists and attach 4 Swing Brackets using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with flat washer and lock washer) per bracket. (fig. 46.1 and 46.2)



**Hardware**  
4 x  5/16 x 1-1/2" Hex Bolt  
(5/16" lock washer, 5/16" flat washer)

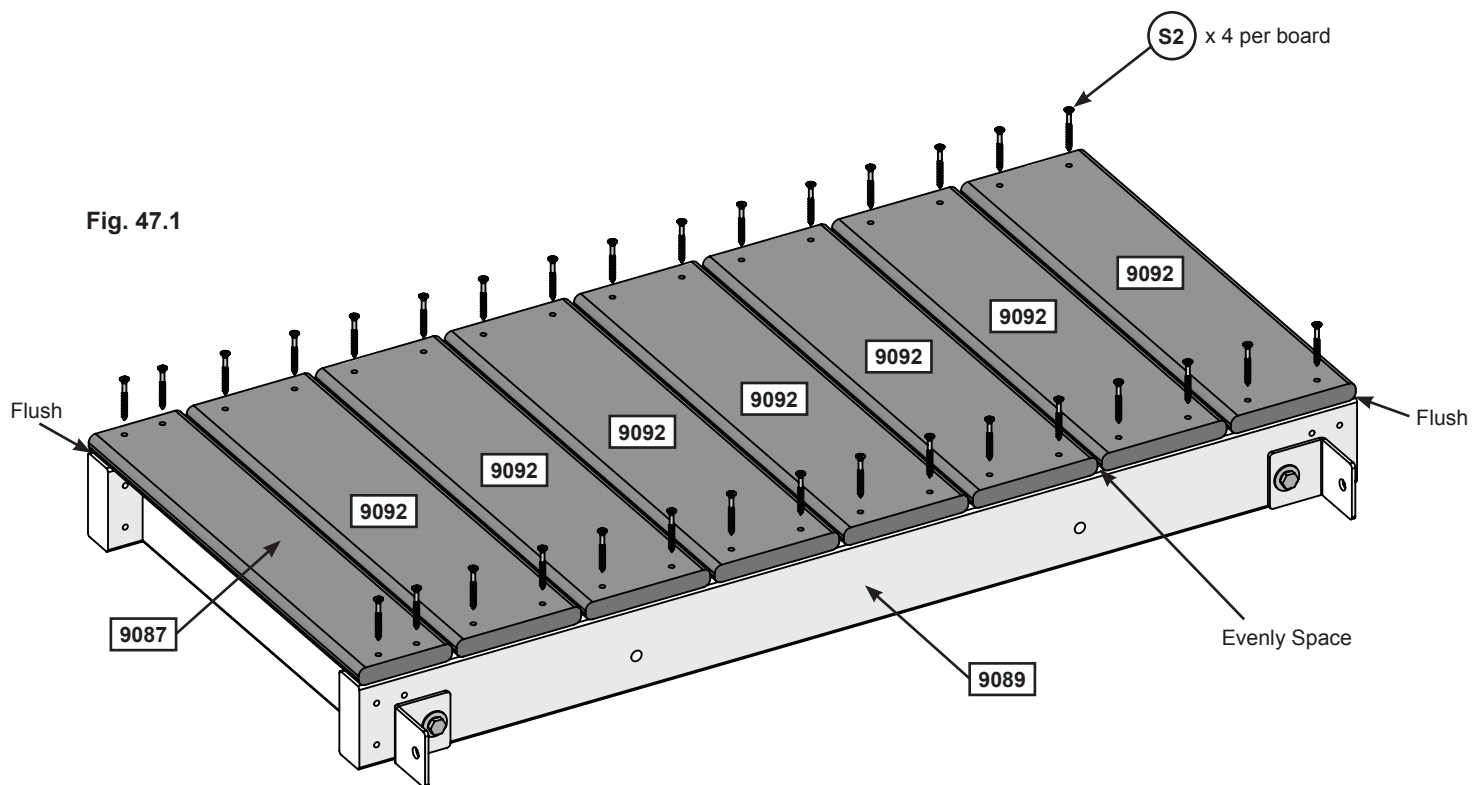
**Other Parts**  
4 x Swing Bracket

## Step 47: Attach Floor Boards

**A:** Place 1 (9087) Floor Board at the end of the tunnel frame so it's flush with the ends and the sides of the (9089) Short Tunnel Side Joists and attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 47.1)

**B:** Place 1 (9092) Floor Board at the other end of the tunnel frame ensuring that it's flush with the ends and the sides of the (9089) Short Tunnel Side Joists and attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 47.1)

**C:** Evenly space the remaining 6 (9092) Floor Boards and attach all boards using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 47.1)



*Place the small floor board flush to one end and one of the wide floor boards flush to the other end, space remaining 6 boards equally.*

### Wood Parts

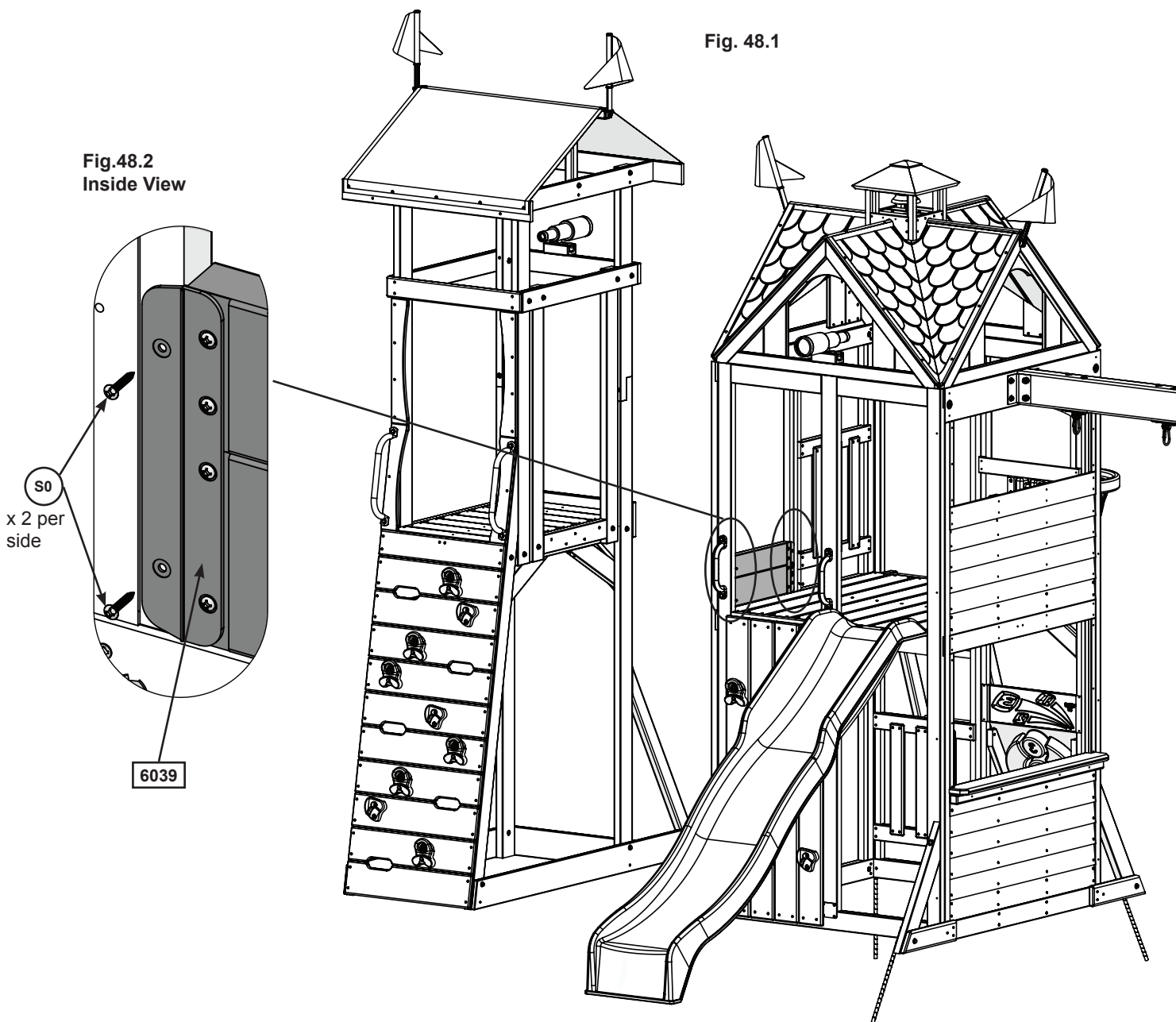
- 1 x 9087 Floor Board 15.9 x 85.7 x 428.6mm
- 7 x 9092 Floor Board 15.9 x 114.3 x 428.6mm

### Hardware

- 32 x S2 #8 x 1-1/2" Wood Screw

## Step 48: Install Lower Tunnel Insert

**A:** From inside the fort place the (6039) Lower Tunnel Insert into the bottom of the opening in the tunnel entrance as shown in (fig. 48.1 and 48.2). Attach to the Wall Supports using 4 (S0) #8 x 7/8" Truss Screws. (fig. 48.2)



### Wood Parts

1 x 6039 Lower Tunnel Insert 32.3 x 203.2 x 477.5mm

### Hardware

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



## Step 49: Install Upper Tunnel Insert



**A:** From inside the Adventure Tower measure 1-5/8" (41.3mm) down from the top of the top of the Wall Support as shown in fig. 49.2 and place the (6038) Upper Tunnel Insert into the opening. Attach to the Wall Supports using 4 (S0) #8 x 7/8" Truss Screws. (fig. 49.1 and 49.2)

Fig. 49.1

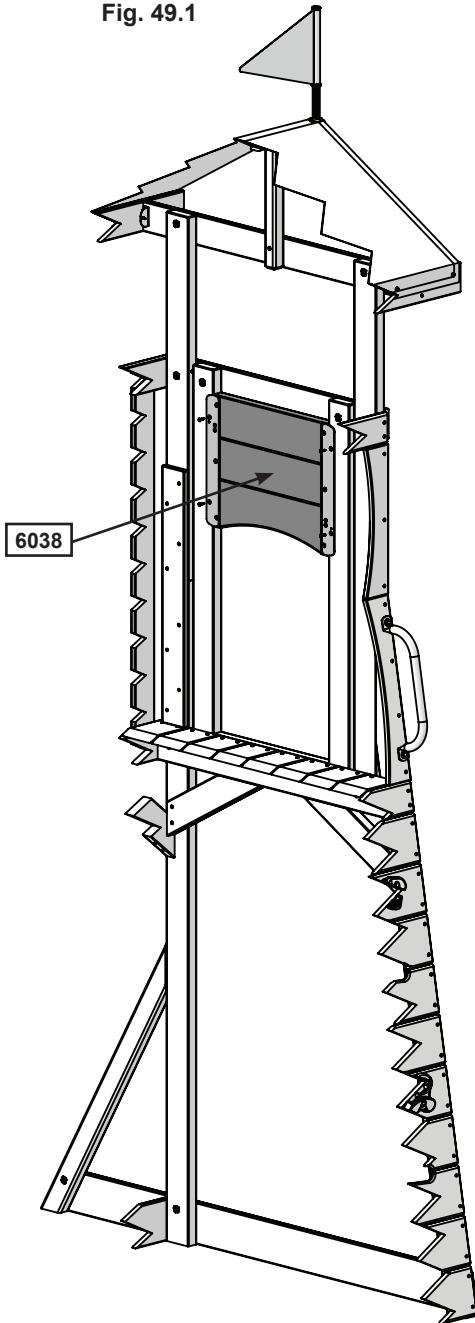
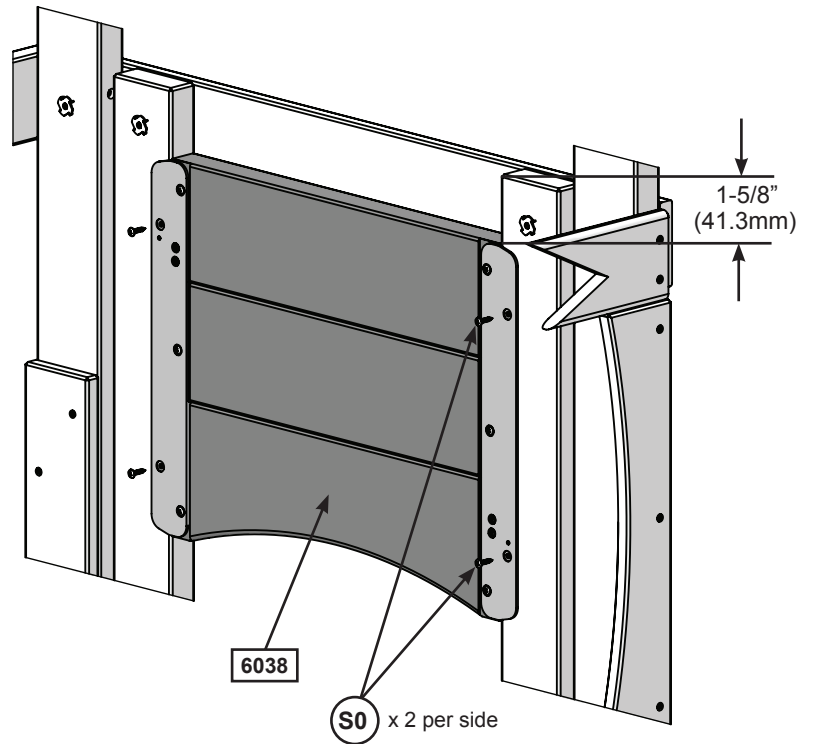


Fig. 49.2



### Wood Parts

1 x 6038 Upper Tunnel Insert 32.3 x 362 x 477.4mm

### Hardware

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

## Step 50: Attach Tunnel Assembly Frame to Fort

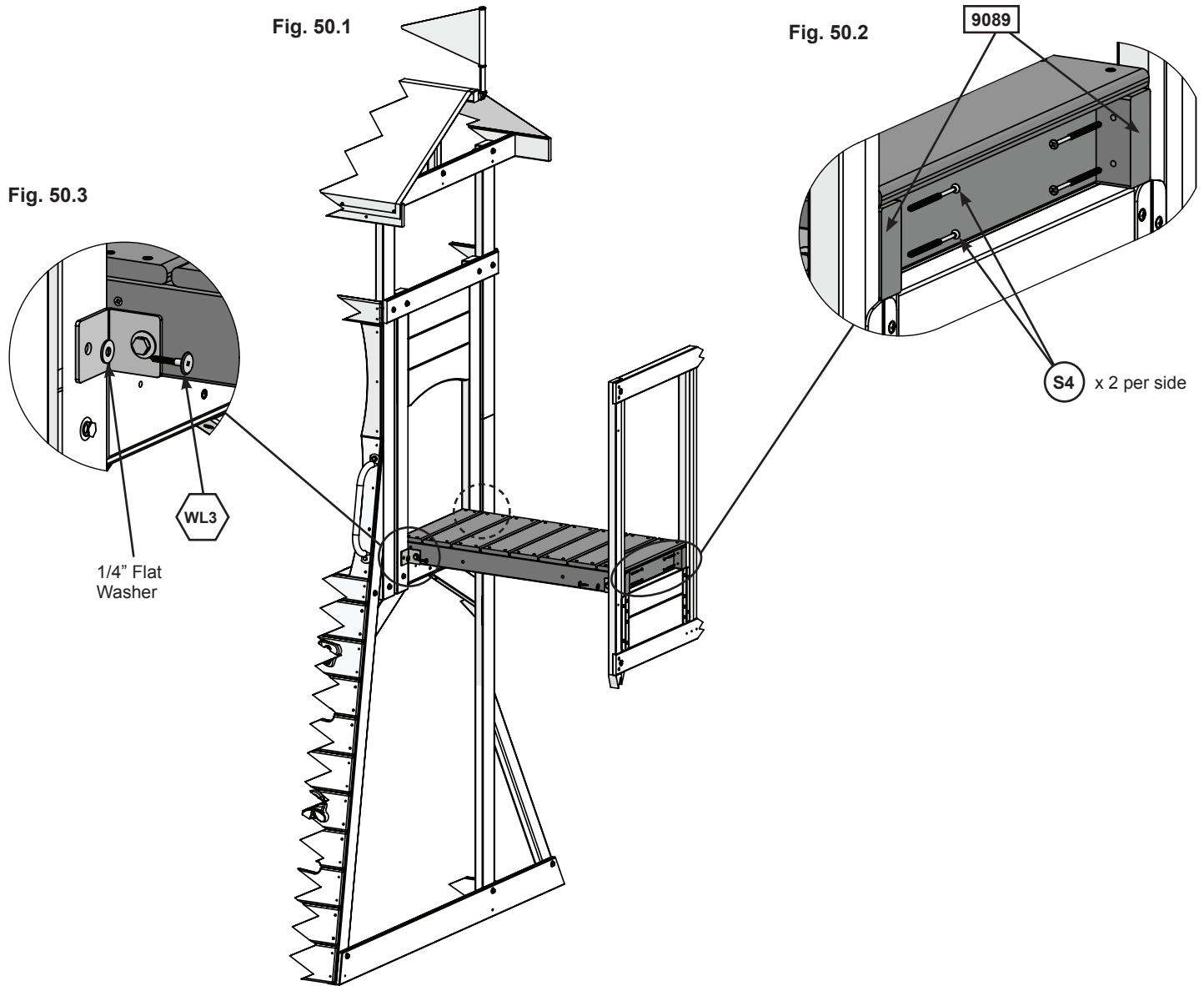


**A:** With a helper, lift the tunnel assembly frame so that it fits between the Adventure Tower and the Fort as shown in fig. 50.1.

**B:** From inside the Fort attach the (9089) Short Tunnel Side Joists to the Wall Supports using 4 (S4) #8 x 3" Wood Screws. (fig. 50.1 and 50.2)

**C:** Repeat Step B for the Adventure Tower side.

**D:** From outside the assembly pre drill 1/8" (3.2mm) holes and attach the Swing Brackets to the Tower and Fort frames using 1 (WL3) 1/4 x 1-3/8" Wafer Lag (with flat washer) per bracket. (fig. 50.1 and 50.3)



### Hardware

8 x 8 x 3" Wood Screw

4 x 1/4 x 1-3/8" Wafer Lag (1/4" flat washer)

# Step 51: Build Tunnel Assembly Part 1

**A:** Bend all 4 MOD Tunnel Panels as shown in fig. 51.1.

**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. Do this so there are 2 MOD Tunnel Panels attached together. (fig. 51.2)

**C:** Press nodules through the connector tab holes to hold Tunnel Panels in place. (fig. 51.2 and 51.3)

**D:** Repeat Steps B-C to create two Tunnel Sides.

Fig. 51.1

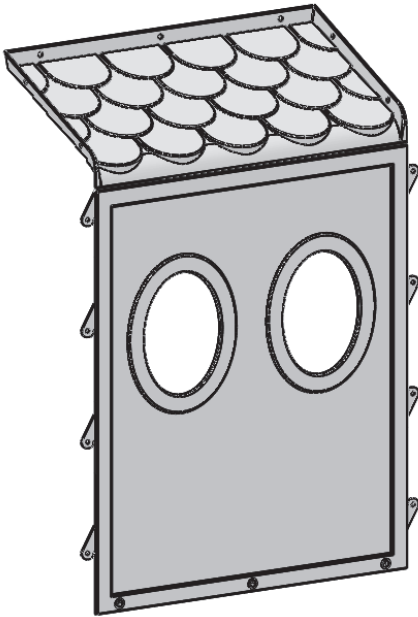


Fig. 51.2

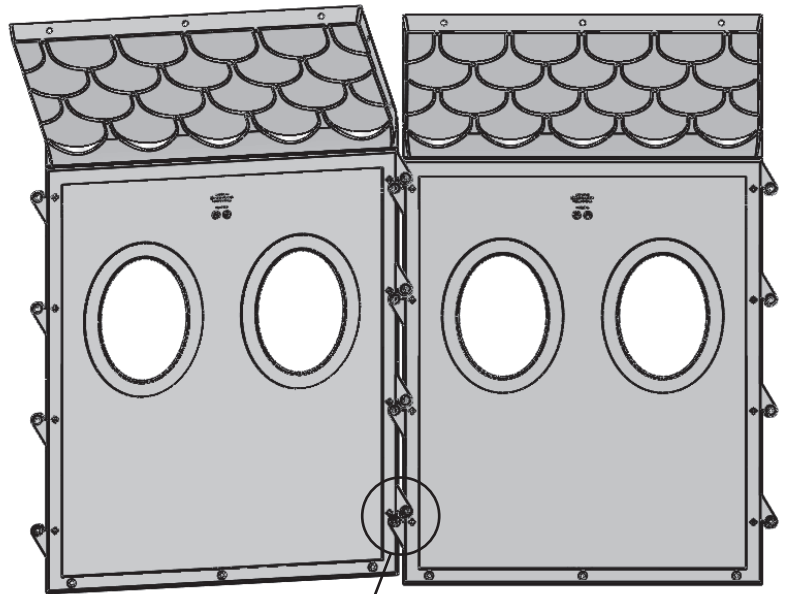
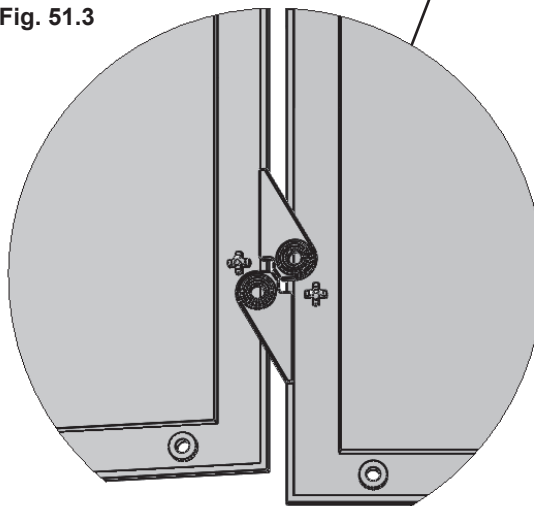


Fig. 51.3



## Other Parts

4 x MOD Tunnel Panel

## Step 51: Build 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. 51.4 and 51.5)

Fig. 51.4

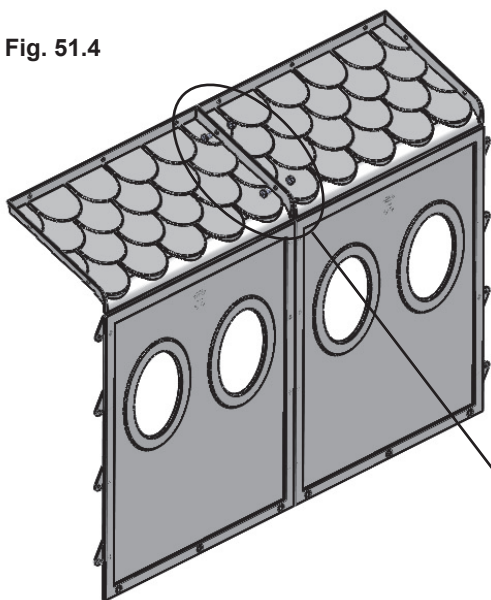
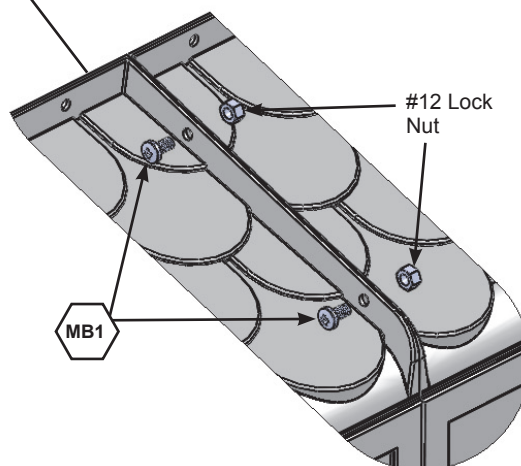


Fig. 51.5



**Hardware**  
4 x  #12 x 1/2" Pan Bolt (with #12 lock nut)

## Step 51: Build Tunnel Assembly Part 3



**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. 51.6 and 51.7)

Fig. 51.6

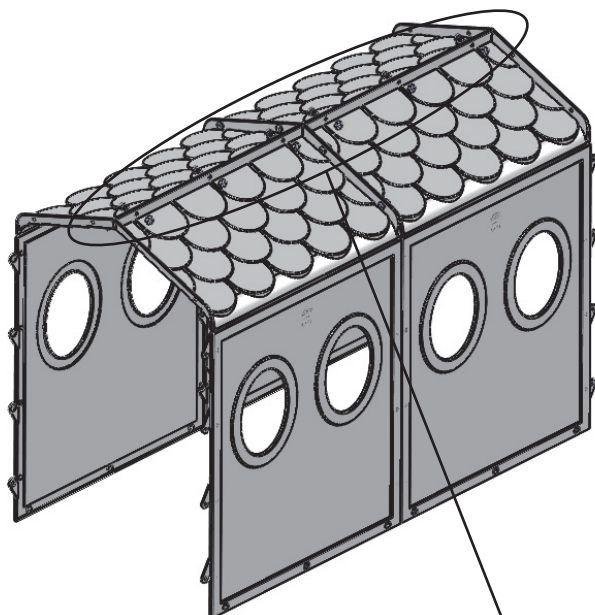
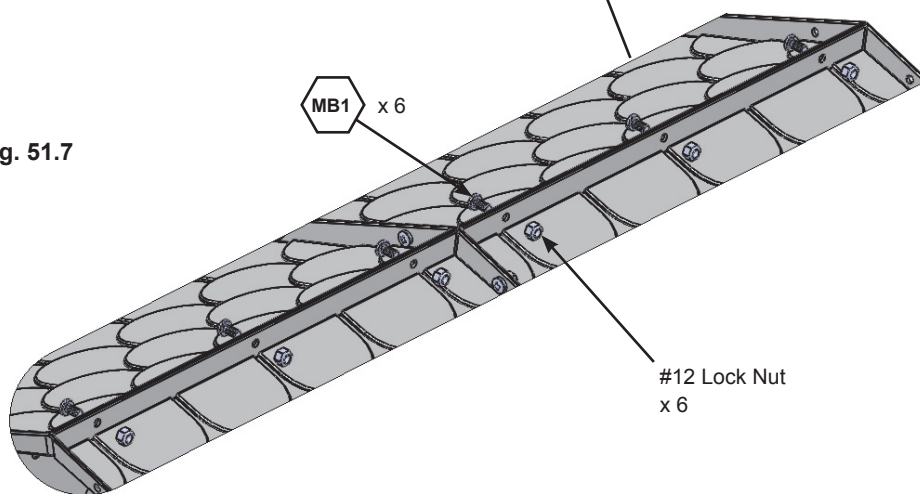


Fig. 51.7



### Hardware

6 x  #12 x 1/2" Pan Bolt (with #12 lock nut)

## Step 52: Attach MOD Tunnel Part 1



**A:** With a helper, place the MOD Tunnel Assembly into place so that the bottom edge rests on the swing brackets and attach to the (9089) Short Tunnel Side Joists using 12 (S10) #8 x 1" Pan Screws.(fig. 52.1 & 52.2 & 52.3)

Fig. 52.1

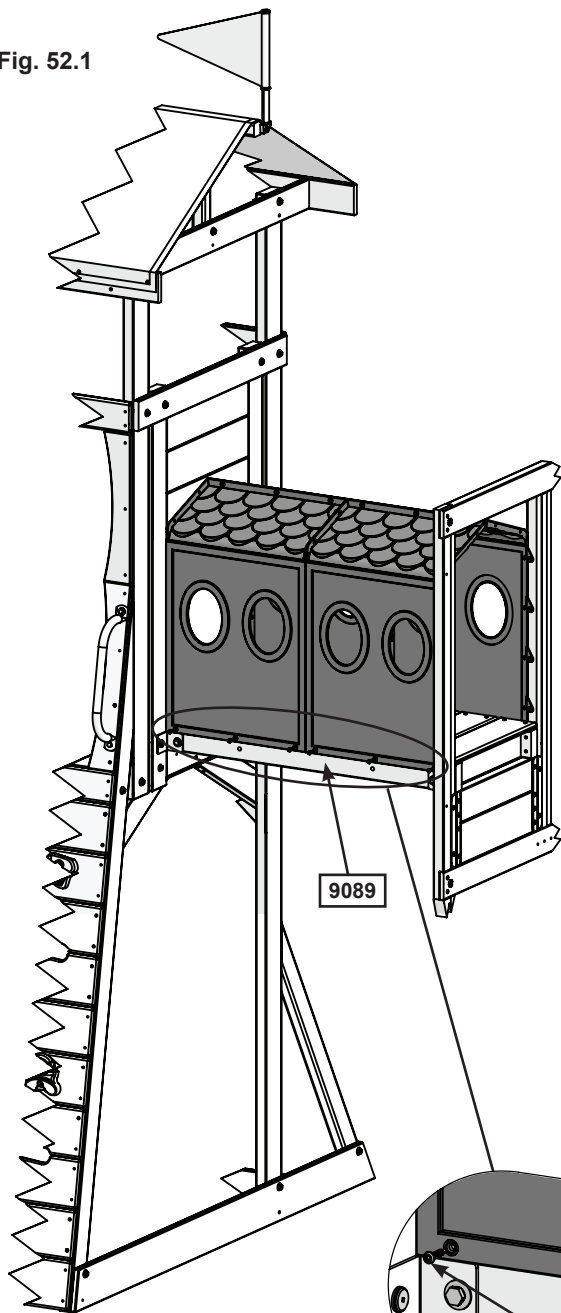


Fig. 52.2  
Side View

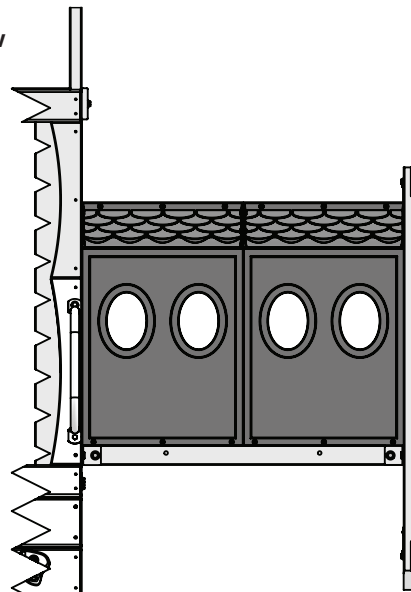
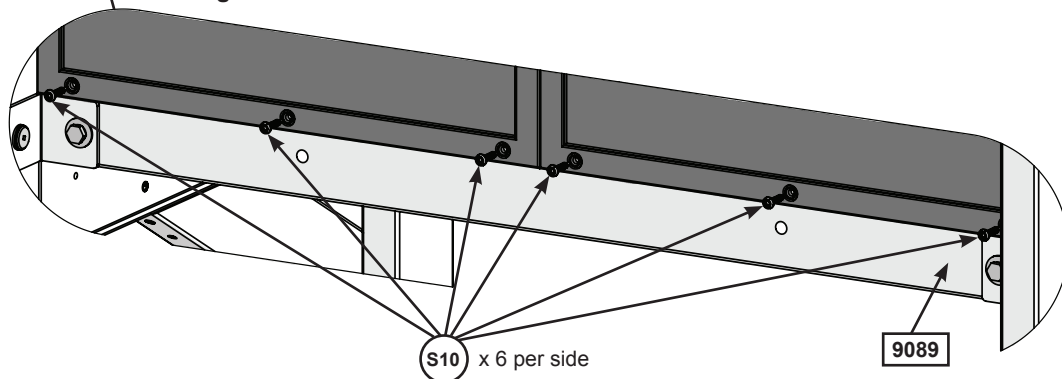



Fig. 52.3



### Hardware

12 x  #8 x 1" Pan Screw

## Step 52: Attach MOD Tunnel Part 2

**B:** From inside the fort attach 1 (6037) Tunnel Top to the Wall Support using 2 Flat Panel Brackets and 8 (S0) #8 x 7/8" Truss Screws. (Fig. 52.4 and 52.5)

Fig. 52.4

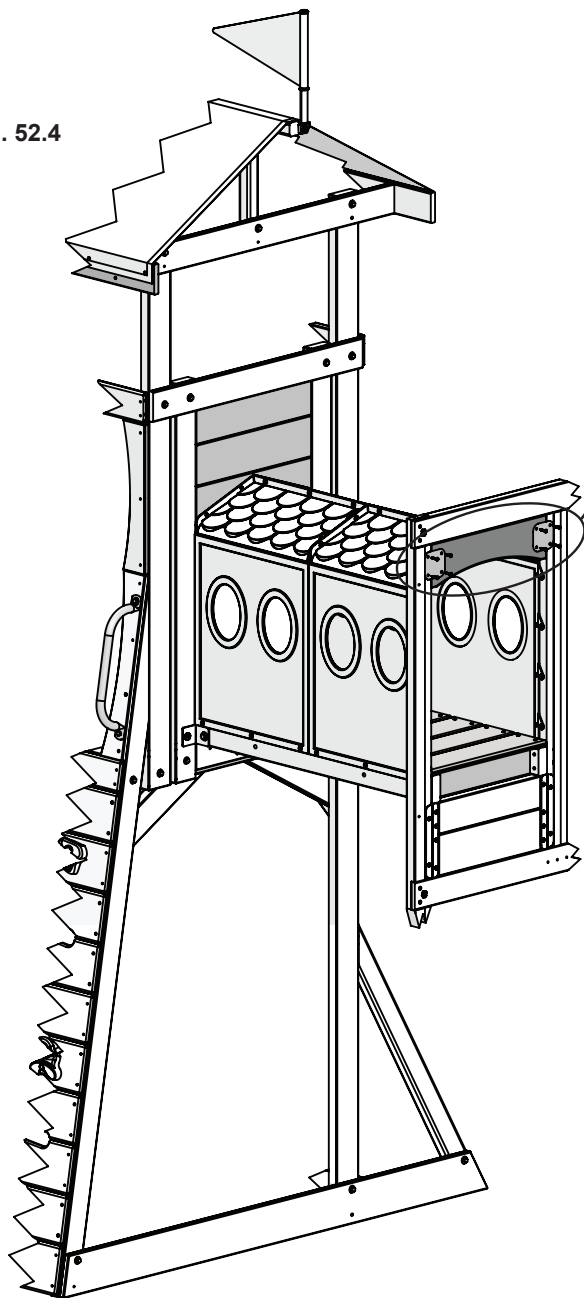
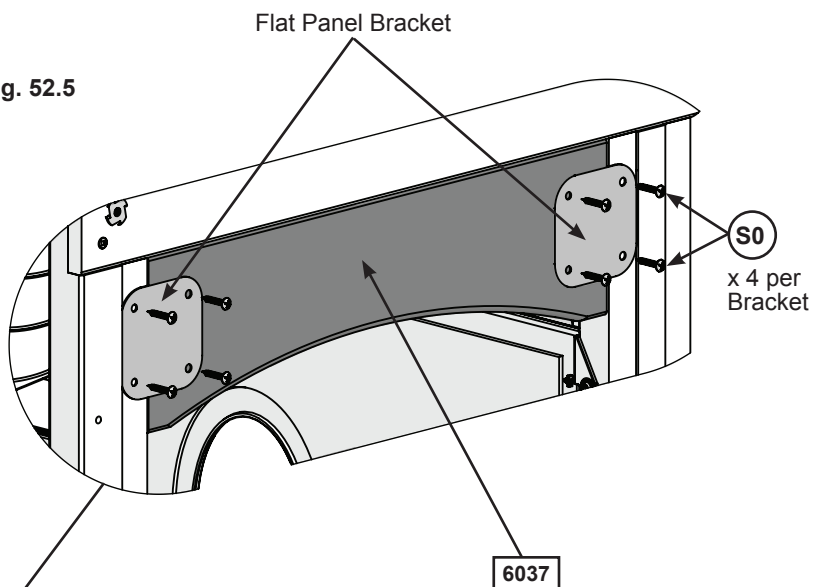


Fig. 52.5



### Wood Parts

1 x 6037 Tunnel Top 29.8 x 120.7 x 428.6mm

### Hardware

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

### Other Parts

2 x Flat Panel Bracket



## Step 53: Secure Tunnel to Entrances

**A:** Make sure tunnel is tight to both entrances. From inside the tower entrance and the fort entrance attach the tunnel with 8 (S10) #8 x 1" Pan Screws per side. (fig. 53.1 and 53.3)

**B:** From outside the assembly on the fort side attach the Tunnel to the (6037) Tunnel Top using 4 (S0) #8 x 7/8" Truss Screws. On tower side attach Tunnel to the (6038) Upper Tunnel Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 53.1 and 53.2)

Fig. 53.2

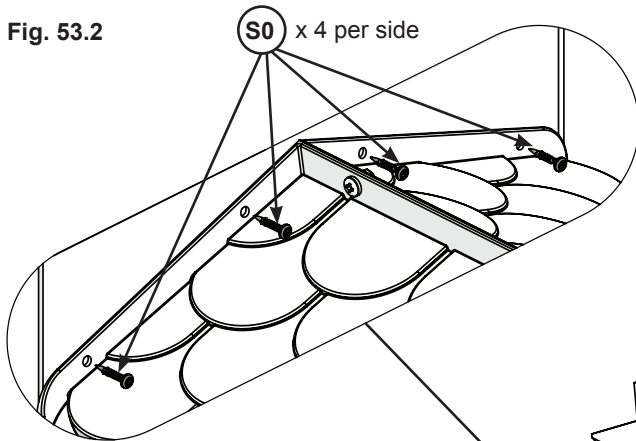


Fig. 53.1

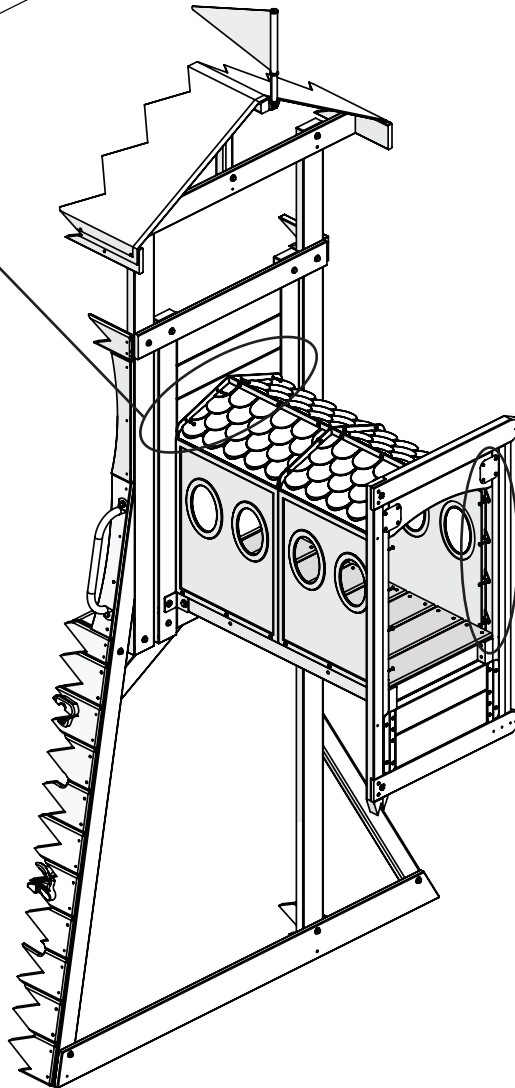
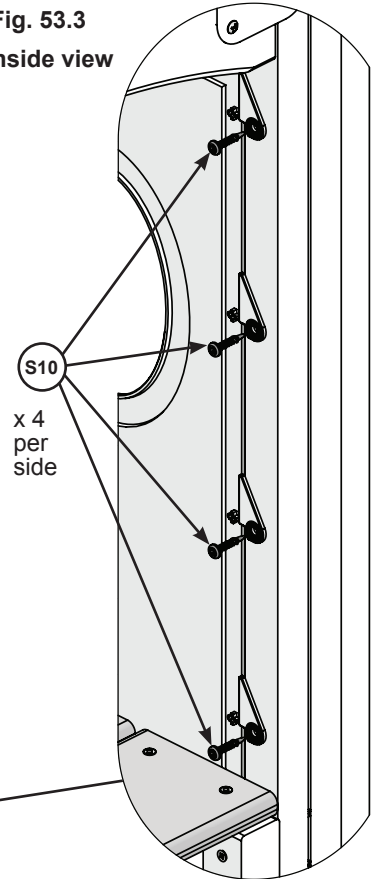


Fig. 53.3  
inside view



### Hardware

- 16 x (S10) #8 x 1" Pan Screw
- 8 x (S0) #8 x 7/8" Truss Screw

## Step 54: Attach Chin-Up Bar

**A:** Center the Chin-Up Bar on the outside of either one of the (9089) Short Tunnel Side Joists and attach with 2 (H1)  $\frac{1}{4}$  x 1  $\frac{1}{2}$ " Hex Bolts (with Lock Washer, Flat Washer and T-Nut). (fig. 54.1 and 54.2)

Fig. 54.1

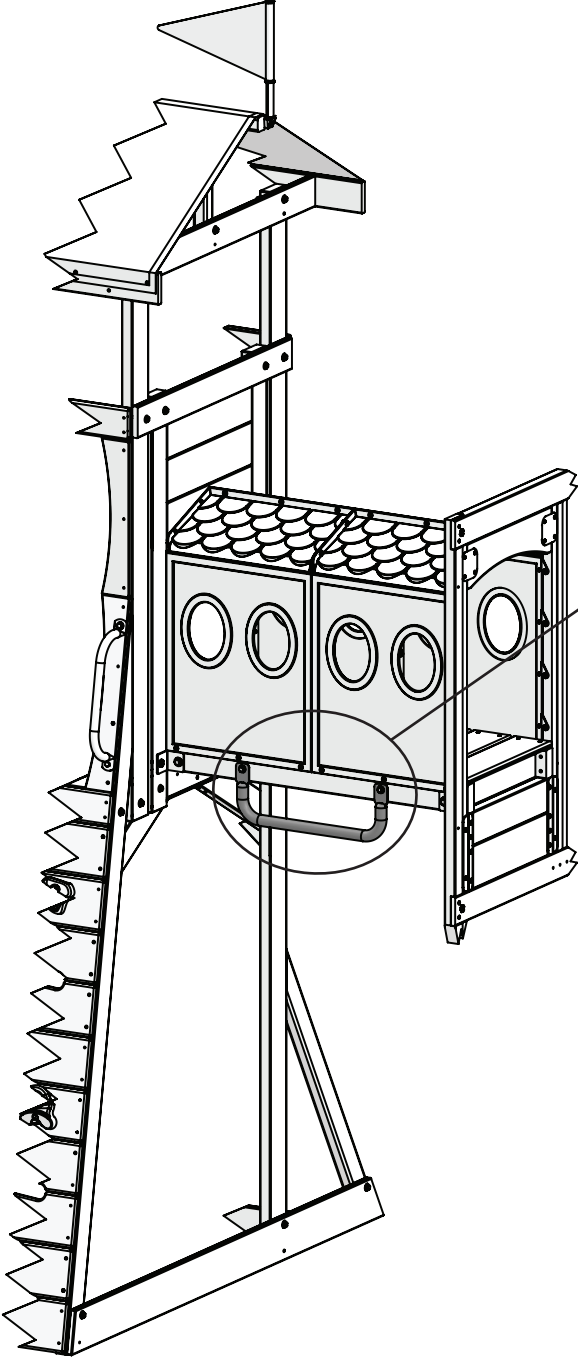
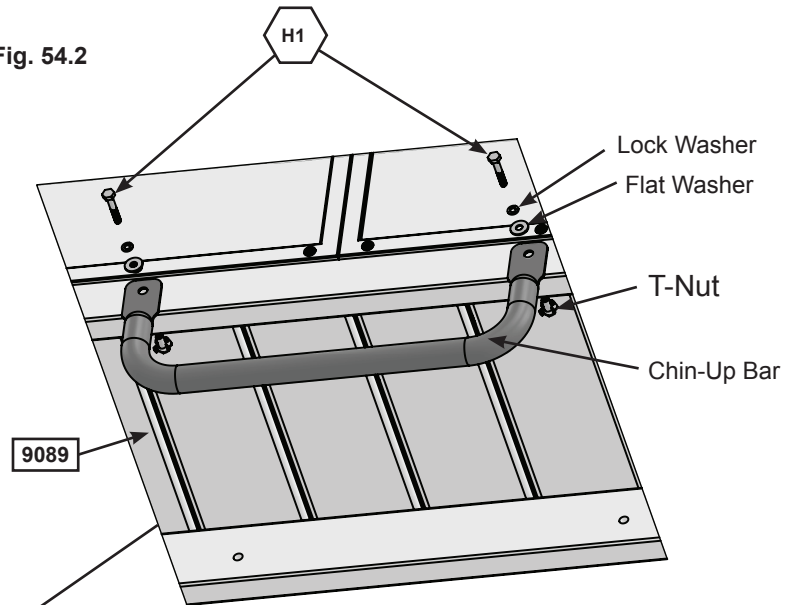



Fig. 54.2



### Hardware

2 x  #1/4 x 1 1/2" Hex Bolt  
(with Lock Washer, Flat Washer and T-Nut)

### Other Parts

1 x Chin-Up Bar

## Step 55: Install Ground Stakes



**A:** In the 4 places shown in (fig. 55.2) drive the Rebar Ground Stakes 13" (330mm) into the ground against the boards. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

**B:** Attach 1 ground stake to each (6026) Rock Rail, the (6002) Long Post and to (0369) Lower Diagonal using 1 (S7) #12 x 2" Pan Screw per ground stake as shown in (fig. 55.1 & 55.2)

**C:** After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any

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

Fig. 55.1

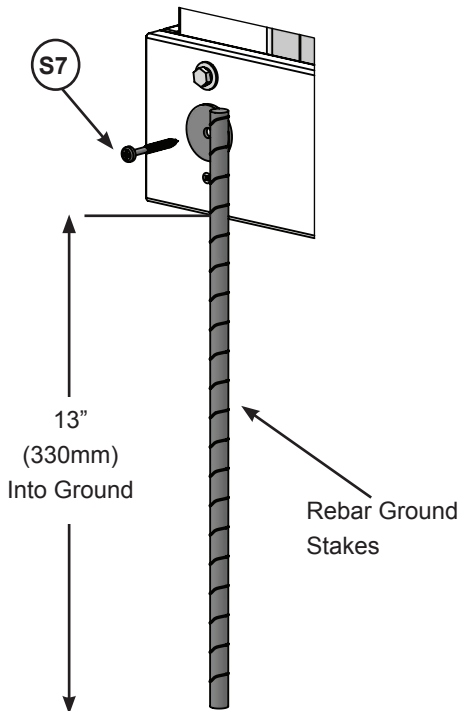
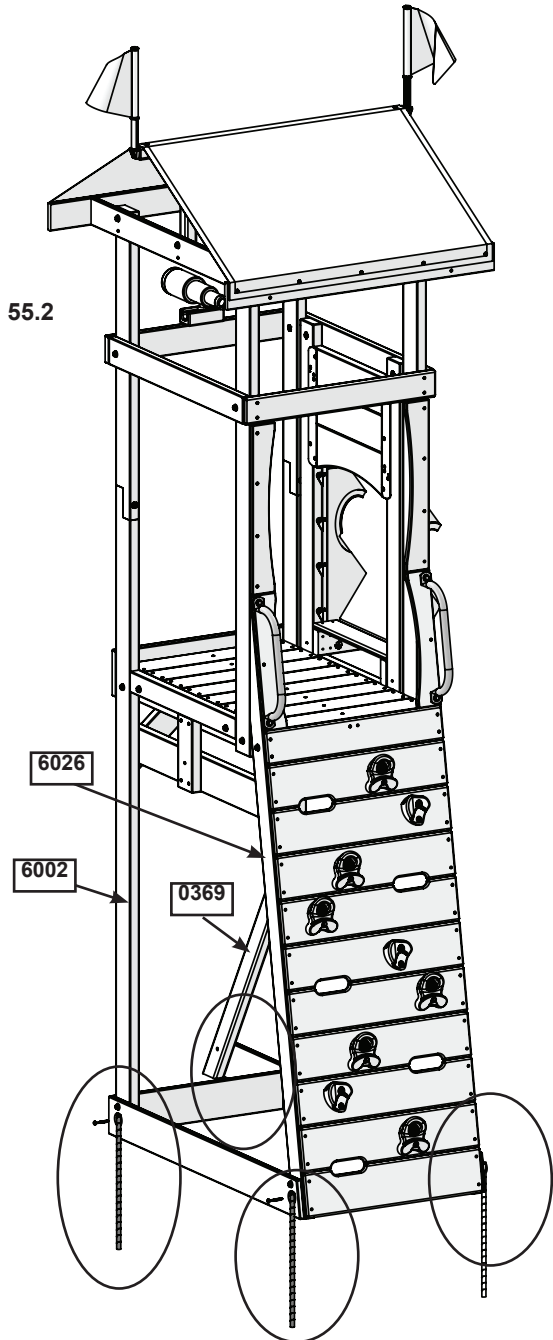


Fig. 55.2



### Hardware

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

### Other Parts

4 x Rebar Ground Stake

# Adventure Tower Assembly

## Step 56: Sand and Water Table Assembly

### Part 1

**A:** Place 2 (6015) Box Legs so that the cut outs are on the outside and at the bottom. Place 1 (6004) Box Bottom across the top of the boards making sure that all top holes line up. Attach with 4 (H2) ¼ x 2” Hex Bolts (with flat washer, lock washer and t-nut) making sure that the t-nuts are installed into the Box Bottom. (Fig.56.1 & 56.2)

**B:** Fit 1 (6011) Box Side into the cut outs on each (6015) Box Leg and attach with 1 (H12) ¼ x 3” Hex Bolt (with flat washer, lock washer and t-nut) per side. (Fig.56.1 & 56.2).

**C:** From inside the frame place 1 (8832) Box End so that it’s pressed up flush to both (6015) Box Legs with the pre-sunk holes at the bottom and towards the outside (Fig.56.3). Attach with 2 (H1) ¼ x 1-1/2” Hex Bolts (with flat washer, lock washer and t-nut), 2 (S15) #8 x 1-3/4” Wood Screws and 2 (S4) #8 x 3” Wood Screws as shown in (Fig.56.1 & 56.2).

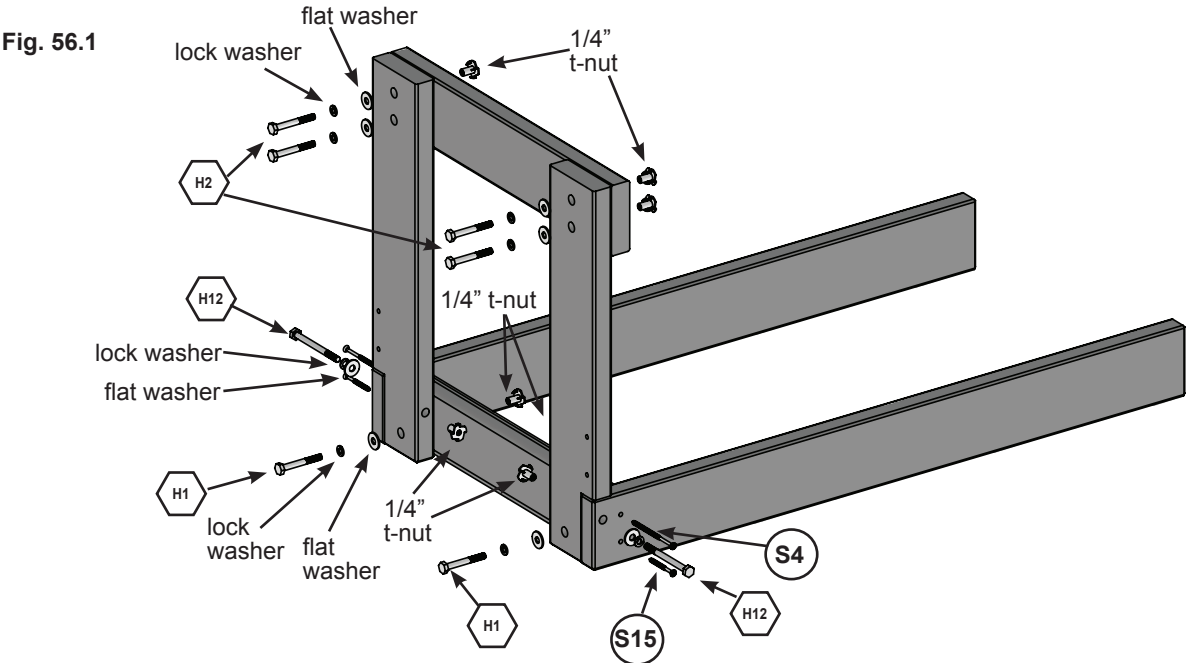
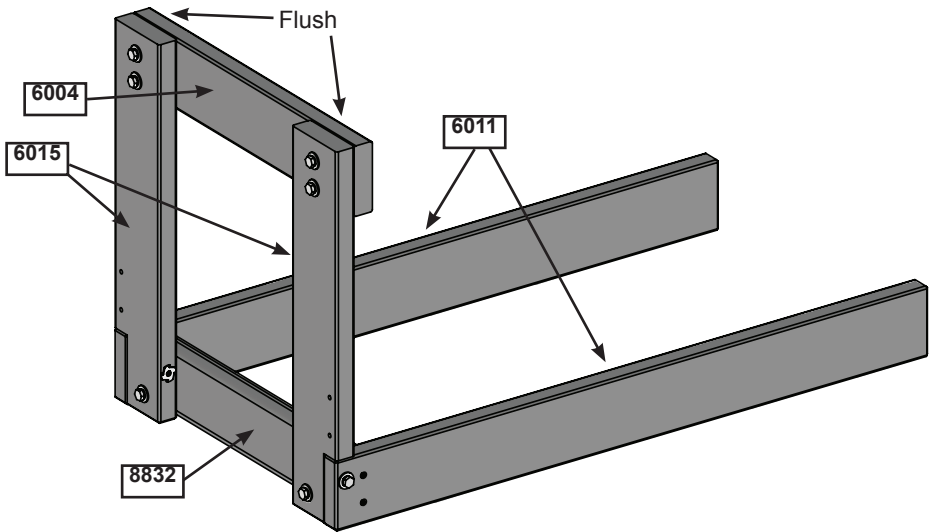


Fig. 56.2



#### Wood Parts

- 1 x 6004 Box Bottom 23.8 x 82.6 x 409.6mm
- 2 x 6015 Box Leg 23.8 x 82.6 x 444.5mm
- 2 x 6011 Box Side 23.8 x 82.6 x 768.4mm
- 1 x 8832 Box End 23.8 x 82.6 x 362mm

#### Hardware

- 2 x S4 #8 x 3” Wood Screw
- 2 x S15 #8 x 1-3/4” Wood Screw
- 2 x H12 ¼ x 3” Hex Bolt (with flat washer, lock washer and t-nut)
- 2 x H1 ¼ x 1-1/2” Hex Bolts (with flat washer, lock washer and t-nut)
- 4 x H2 ¼ x 2” Hex Bolts (with flat washer, lock washer and t-nut)

## Step 56: Sand and Water Table Assembly Part 2

**D:** Place 1 (6027) Sand Water Support against the opposite ends of the (6011) Box Sides so that the inside pre-drilled holes line up. Attach using 4 (S4) #8 x 3" Wood Screws. (Fig.56.3 & 56.4)

**E:** Install 1 (6001) Gusset per side so that the short angle is flush to the (6015) Box Legs and the long angles are flush to the (6011) Box Sides. Attach using 1 (S15) #8 x 1-3/4" Wood Screw and 1 (S4) 8 x 3" Wood Screw per side. (Fig.56.3 & 56.4)

Fig. 56.3

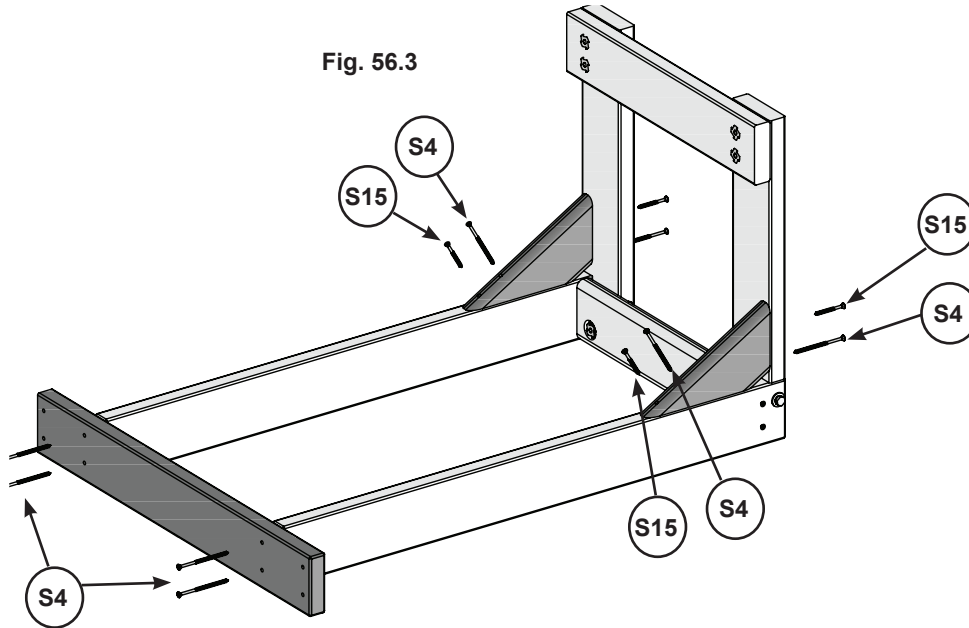
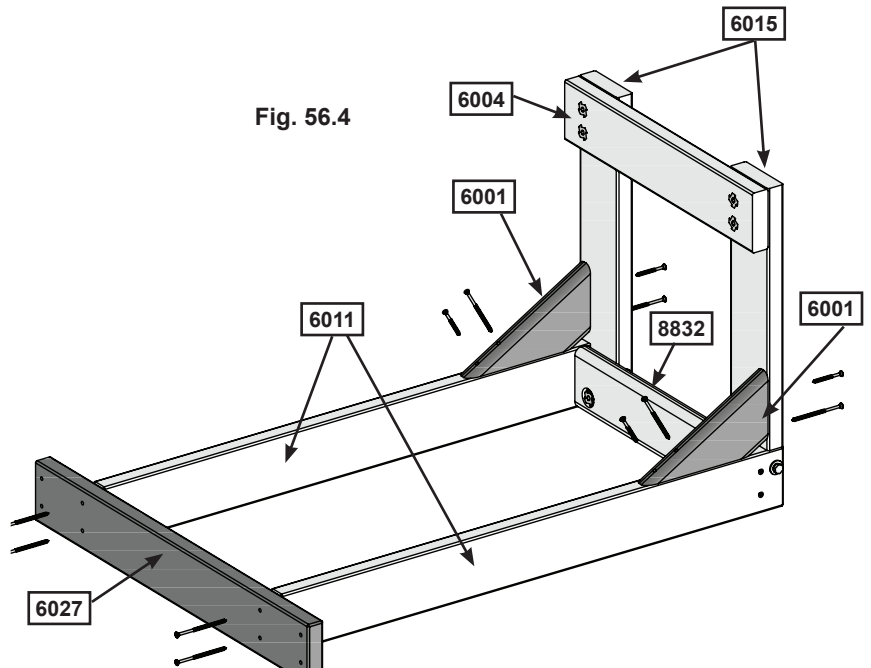


Fig. 56.4



### Wood Parts

- 1 x 6027 Sand Water Support 23.8 x 82.6 x 596.9mm
- 2 x 6001 Gusset 31.8 x 82.6 x 406.4mm

### Hardware

- 8 x S4 #8 x 3" Wood Screw
- 4 x S15 #8 x 1-3/4" Wood Screw

## Step 56: Sand and Water Table Assembly Part 3



**F:** Turn the table assembly right side up.

**G:** On the (6002) Long Posts measure 14-1/4" (362mm) up from the ground and attach the (6027) Sand and Water Supports to the (6002) Long Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" washers). (Fig.56.5 & 56.6 & 56.7).

Fig. 56.5

right side view

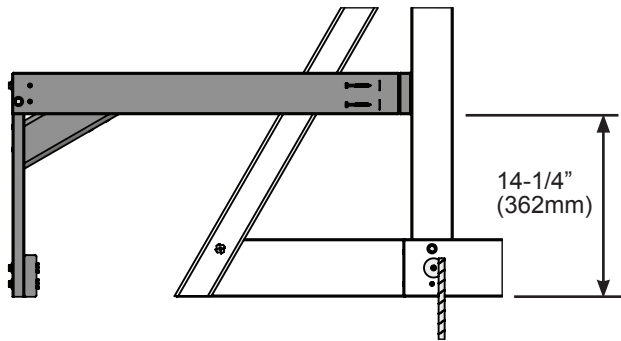


Fig. 56.6

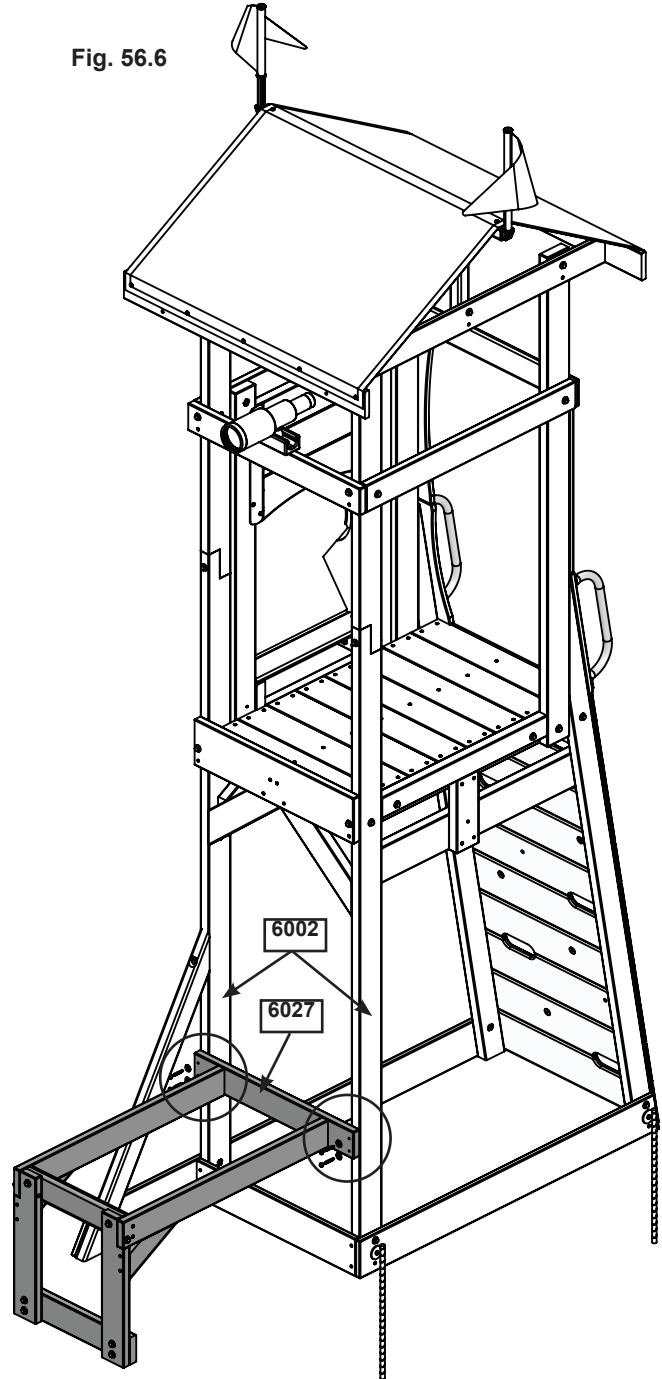
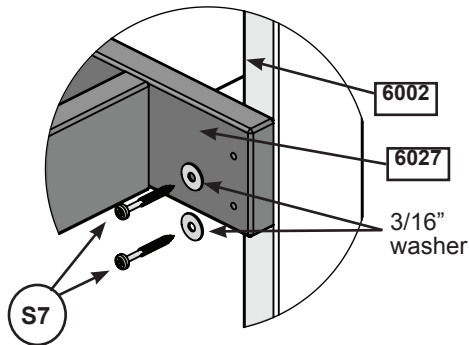


Fig. 56.7



### Hardware

4 x (S7) #12 x 2" Pan Screws (with 3/16" washers)

# Step 56: Sand and Water Table Assembly Part 4

**H:** Place the Sand and Water Insert into the opening of the assembly then tighten all the bolts.

**I:** Secure the Sand and Water Insert to the assembly using 8 (S37) #7 x 5/8" Pan Screws as shown in. (Fig.56.8 & 56.9 & 56.10)

**J:** Insert plugs into the drain holes and put the shovel into the Sand and water Insert. Place the seat over the Sand and Water Insert. (fig. 56.10)

Fig. 56.8

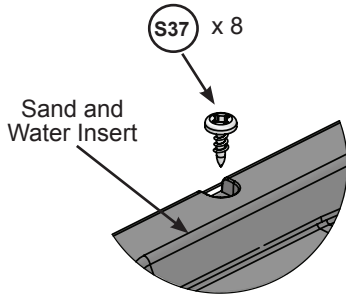


Fig. 56.9

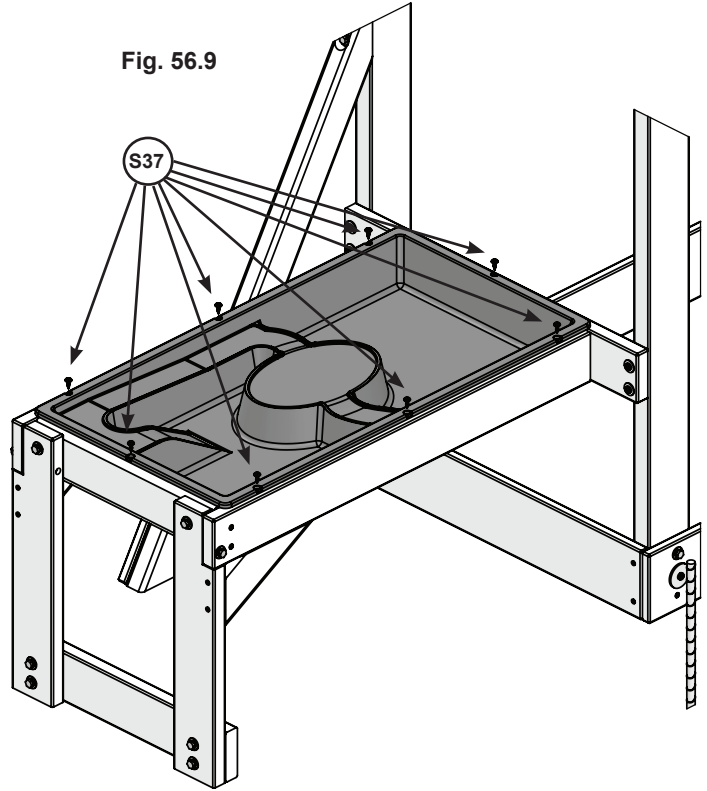
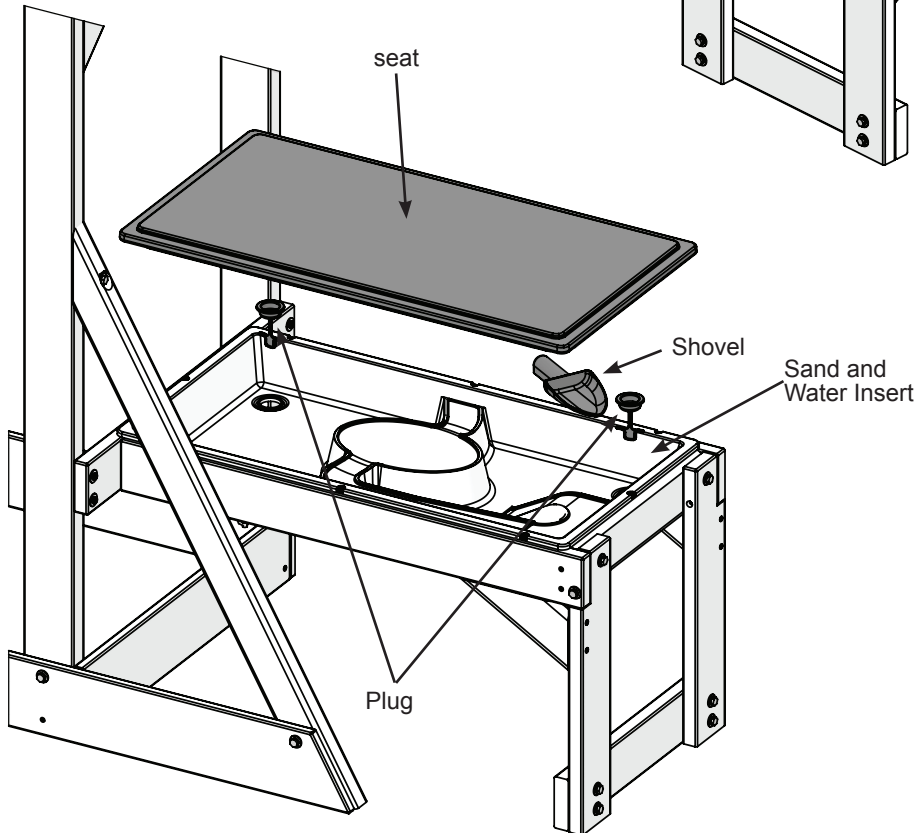


Fig. 56.10



## Hardware

8 x (S37) #7 x 5/8" Pan Screws

## Other Parts

1 x 3 in 1 Bench set ( 1 x Shovel  
2 x Plug 1 x Seat  
1 x Sand and Water Insert )



## Step 57: Install Window Braces

**A:** From inside the tower place 4 (6031) Window Braces along the back wall making sure that they are evenly spaced. Attach to (6034) Floor Back and (6028) Top Back using 4 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 57.1 & 57.2)

Fig. 57.1  
Back Wall

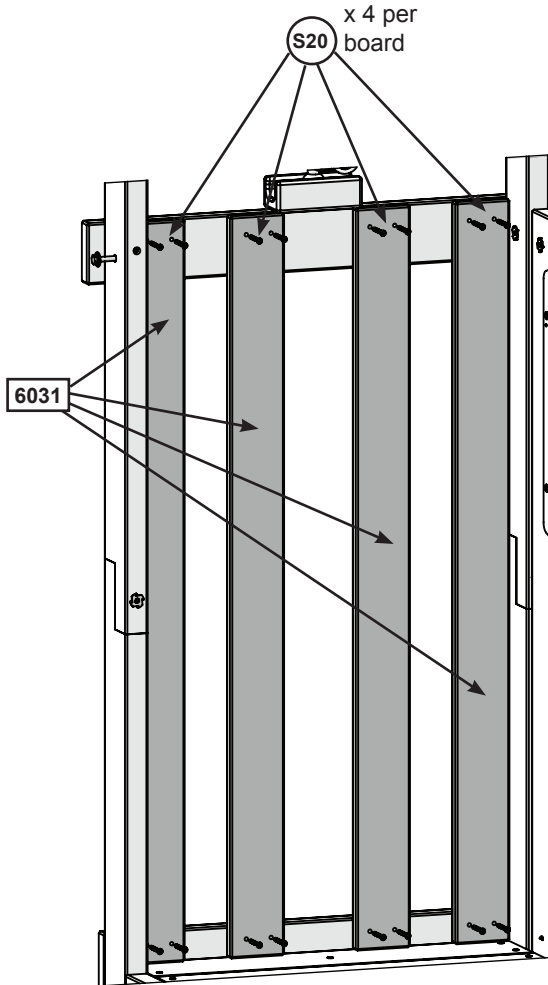
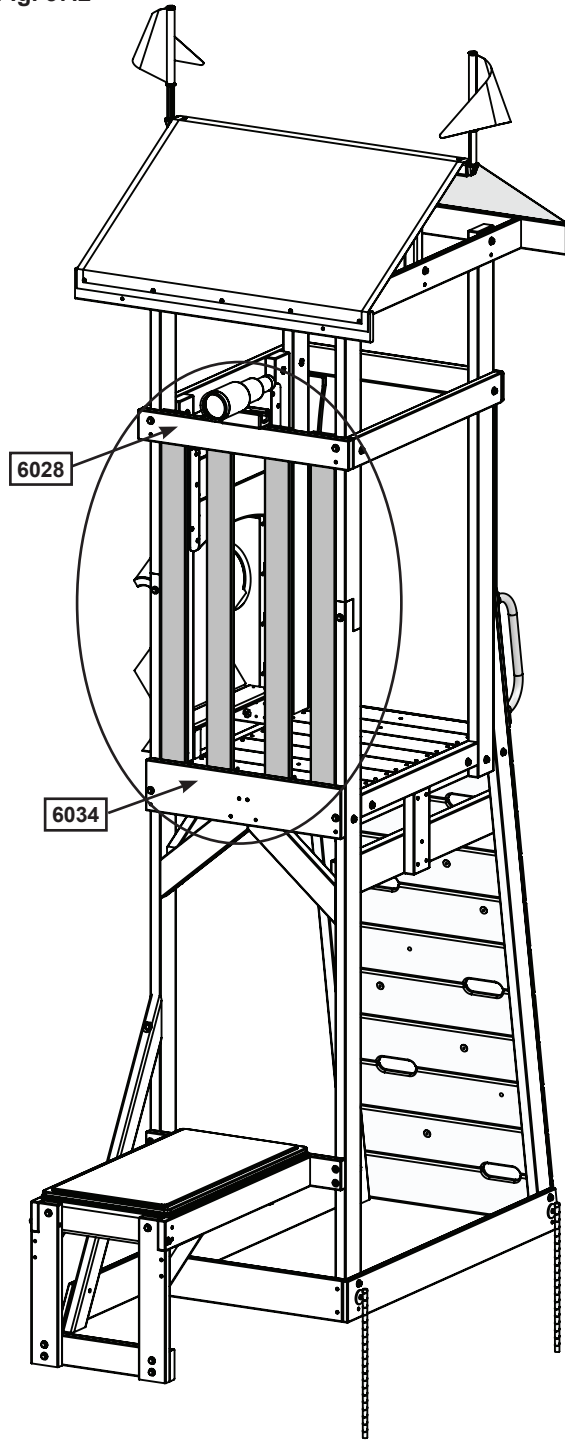


Fig. 57.2



### Wood Parts

4 x 6031 Window Brace 15.9 x 72.6 x 996.9mm

### Hardware

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

## Step 58: Install Post Supports

**A:** From inside the tower place 1 (6033) Post Support against the far side of the left and right walls and flush to the (6031) Window Brace as shown in (Fig. 58.1.) Attach (6033) Post Supports to (6012) Short Posts and (6002) Long Posts using 8 (S15) #8 x 1-3/4" Wood Screws. (Fig. 58.1 & 58.2)

Fig. 58.1

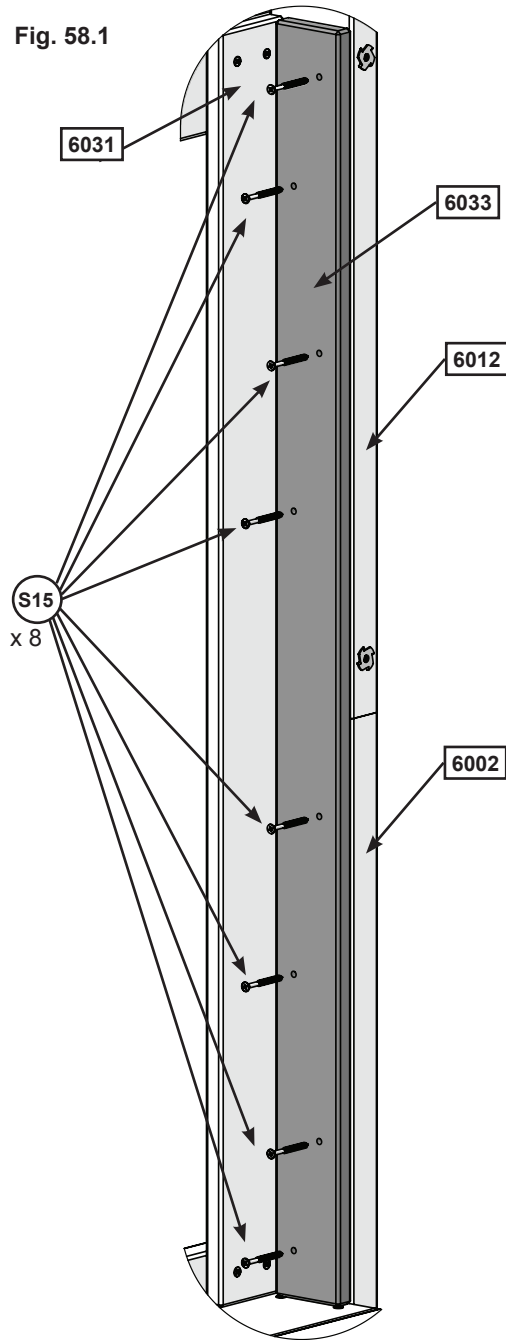
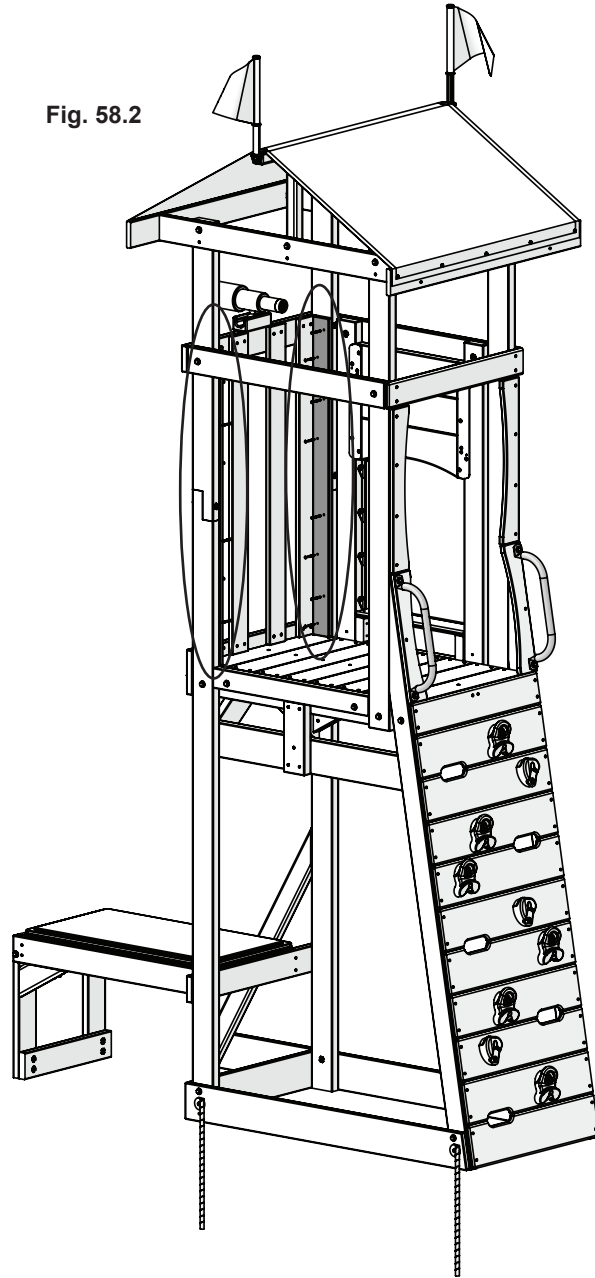


Fig. 58.2



### Wood Parts

2 x 6033 Post Support 15.9 x 63.5 x 996.9mm

### Hardware

16 x S15 #8 x 1-3/4" Wood Screws

## Step 59: Attach Slide

**A:** Place Slide centred in the Slide Wall opening.

**B:** Attach slide to (6022) SL Brace using 3 (S7) #12 x 2" Pan Screws. (Fig. 59.1 & 59.2)

Fig. 59.1

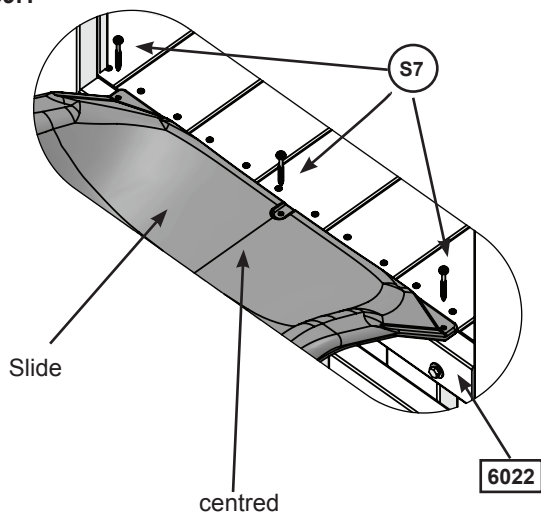
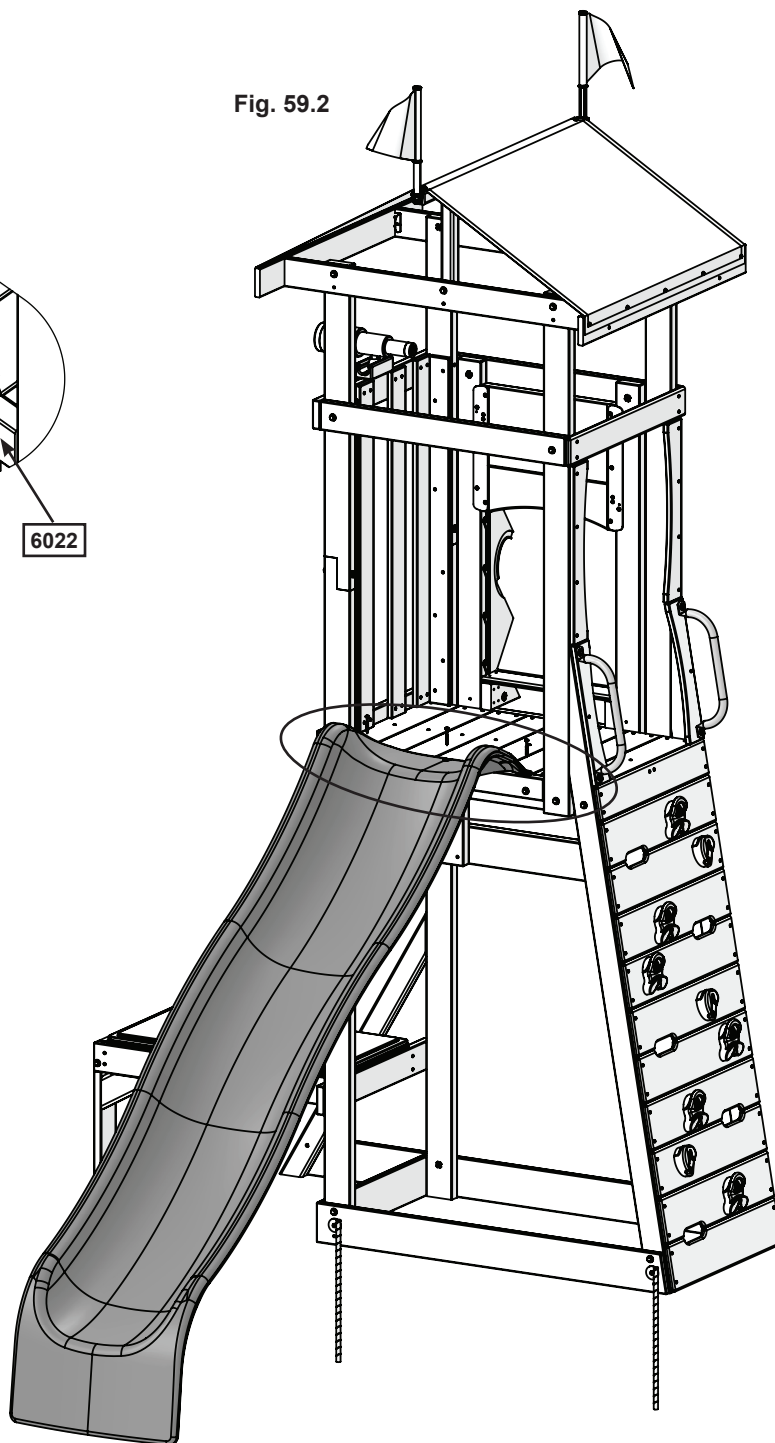



Fig. 59.2



### Hardware

3 x  #12 x 2" Pan Screw

### Other Parts

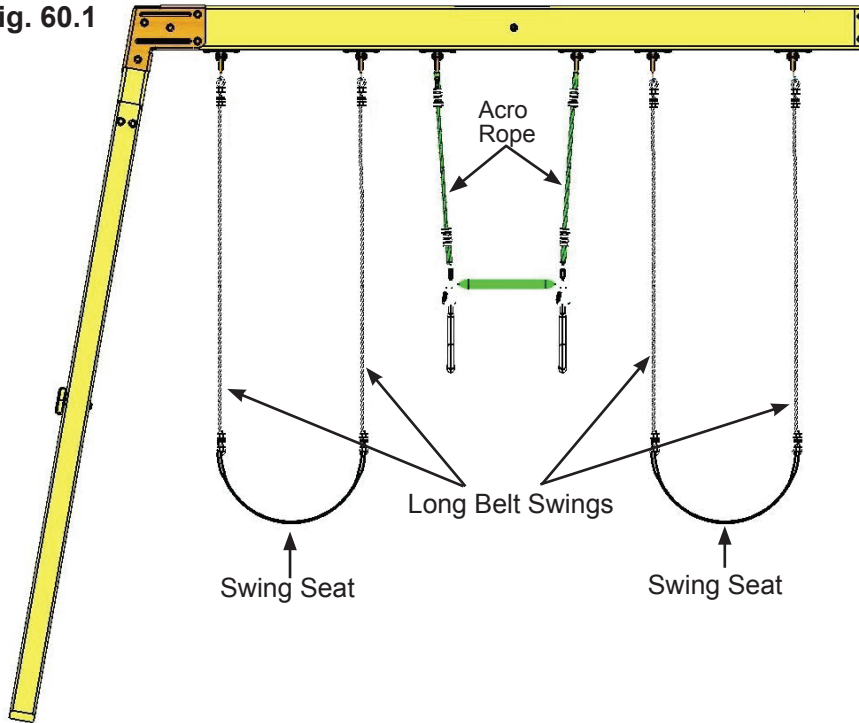
1 x Maze N Wave 2.5m Slide

## Step 60: Attach Swings

**A:** Using 1 Threaded Quick Link per rope, join the Acro Rope & Chain to the Acro Bar. Using another Threaded Quick Link, attach the Acro Handle to the Acro Bar. Make sure to close the Threaded Quick Links tightly using an adjustable wrench.(Fig. 60.3 & 60.4)

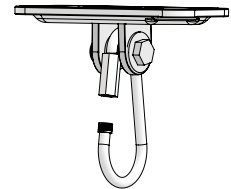
**B:** Attach 2 Long Belt Swings and Acro Swing to the Swing Hangers.(Fig. 60.1 & 60.2)

**Fig. 60.1**



**Fig. 60.2**

Note: Attach swing and acro chains to Threaded Quick Links, tighten with an adjustable wrench.

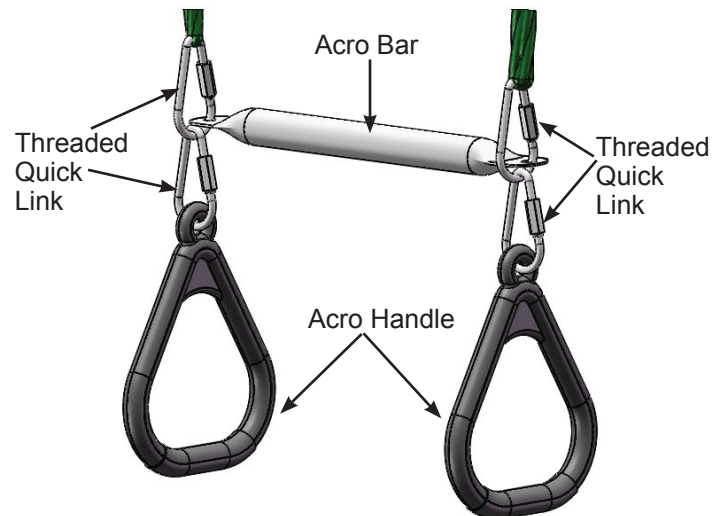


**Fig. 60.3**



Tighten  
Threaded Link  
using adjustable  
wrench

**Fig. 60.4**



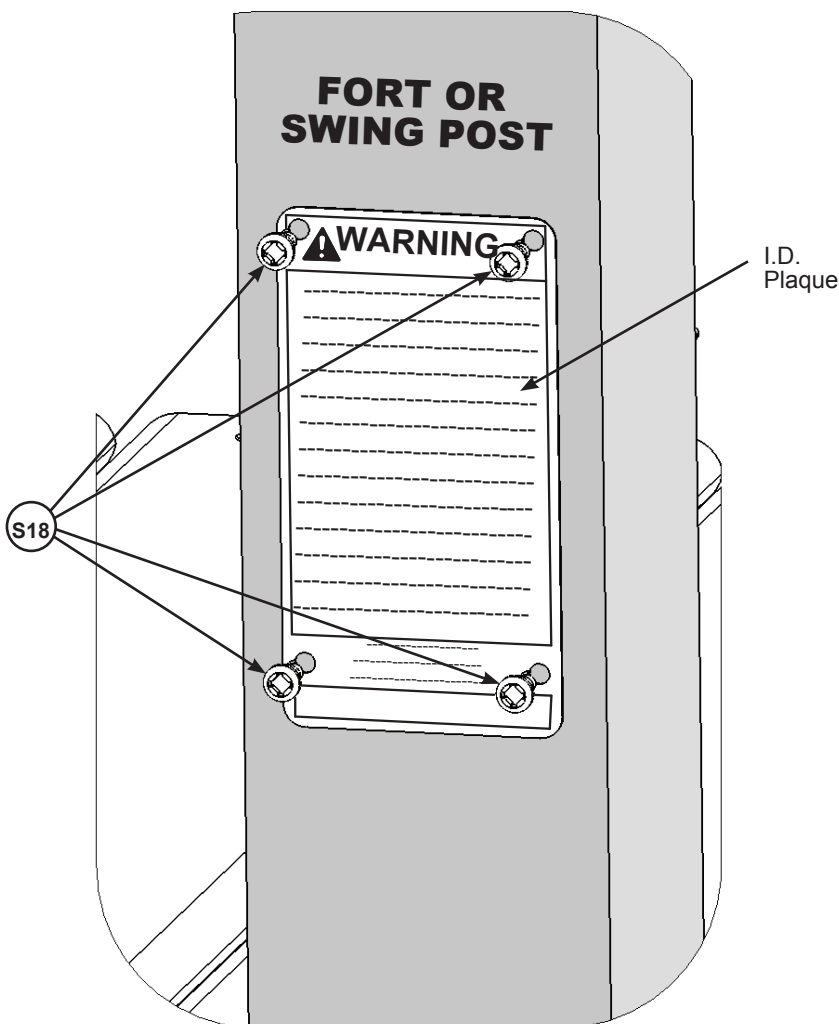
### Other Parts

- 1 x Acro Bar
- 2 x Acro Handle
- 2 x Long Belt Swing (w/welded chain)
- 1 x Acro Rope & Chain (2 pk)
- 1 x Quick Link with Thread (4pk)

## Final Step: Attach I.D. Plaque

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

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



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



#### Hardware

4 x **S18** #6 x 1" Wood Screw

#### Other Parts

1 x I.D. Plaque

## NOTES

[illegible]

## NOTES

[illegible]



## NOTES

[illegible]

## NOTES

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## KIDKRAFT

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CLIT ALONG LINE

