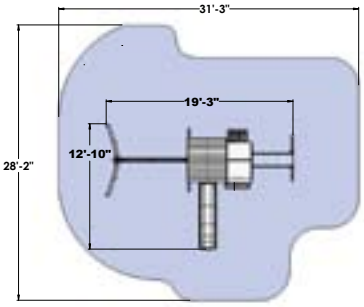
BARRINGTON PLAY SYSTEM – F23315

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 - **28'2" x 31'3" (8.58m x 9.52 m)** area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - **6' (1.9 m)**

CAPACITY - **11** 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.

Cedar Summit
c/o ©Solowave Design L.P.
Mount Forest, ON Canada
N0G 2L0

www.cedarsummitplay.com
support@cedarsummitplay.com
Customer Service
1-877-817-5682 (toll free)
1-519-323-2258

Table of Contents

Warnings and Safe Play Instructions

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

WARNING

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

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

CHOKING HAZARD/SHARP EDGES & POINTS
Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

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

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

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

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

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

WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

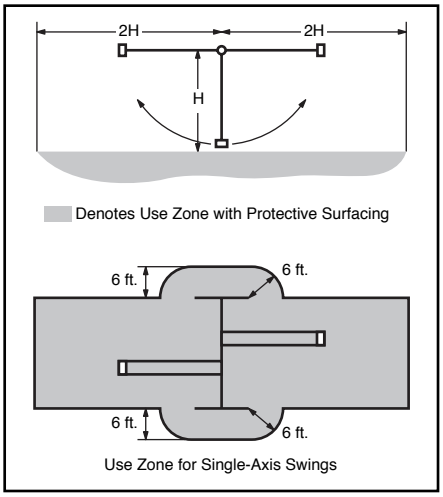
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

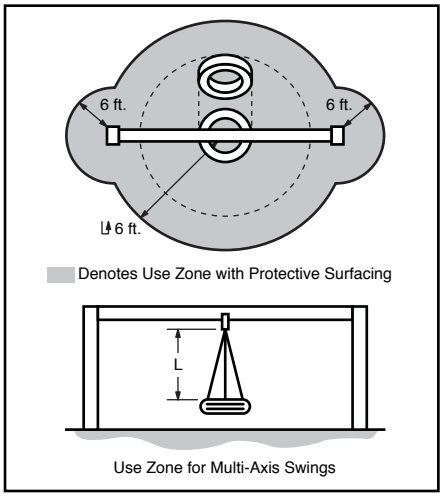
Placement

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

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



Use Zone for Single-Axis Swings



Use Zone for Multi-Axis Swings

From the CPSC Outdoor Home Playground Safety Handbook. At www.cpsc.gov/CPSCPUB/PUBS/324.pdf

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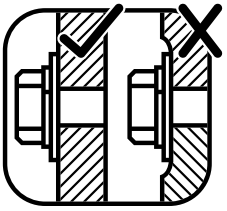
Instructions for Proper Maintenance

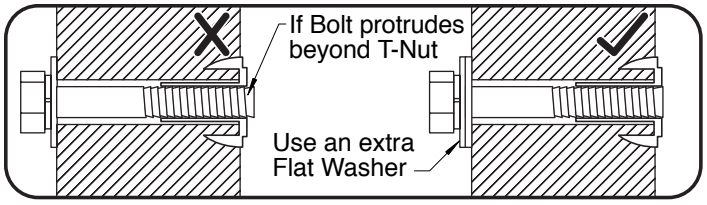
Your Cedar Summit Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain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

Check the following at the beginning of the play season:

HARDWARE:



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



SHOCK ABSORBING SURFACING:

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

GROUND STAKES (ANCHORS):

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

SWING HANGERS:

- ✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS, ROPES AND RIDES:

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

WOOD PARTS:

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

Check twice a month during play season:

HARDWARE:

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

SHOCK ABSORBING SURFACING:

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

Check once a month during play season:

SWING HANGERS:

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

SWINGS AND RIDES:

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

Check at the end of the play season:

SWINGS AND RIDES:

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

SHOCK ABSORBING SURFACING:

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

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

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About Our Wood

Cedar Summit 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.

10 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 10 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.
This warranty applies to the original owner and registrant and is non-transferable.
Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

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

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

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

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

Keys to Assembly Success

Tools Required


Shovel


Measuring Tape


Drill (1/8" 3/16" Bit)


Safety Glasses


Hammer


Ratchet 1/2", 7/16" & 9/16"

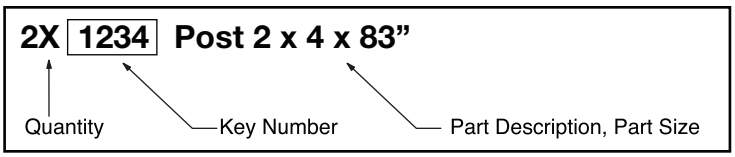

Level


#2 & #3 Phillips or Robertson


Square Ruler


Step Ladder

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



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

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

Use Help

Use Help

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!

Measure Distance

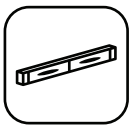
Check that assembly is square before tightening bolts.

Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

Use Level

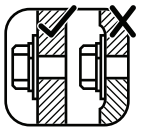


Pre-drill 1/8" Bit

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

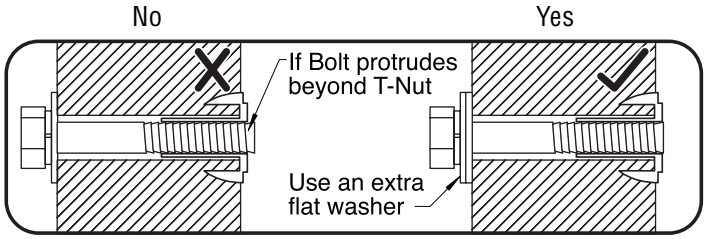
This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

Tighten Bolts



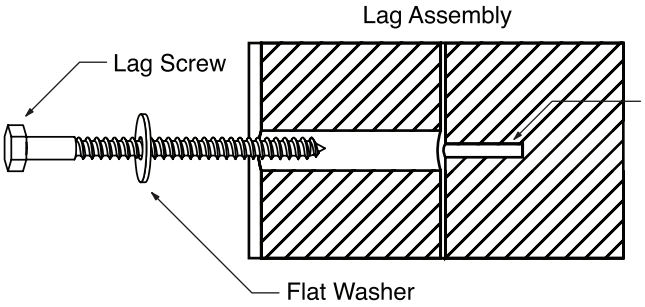
⚠CAUTION – Protrusion Hazard

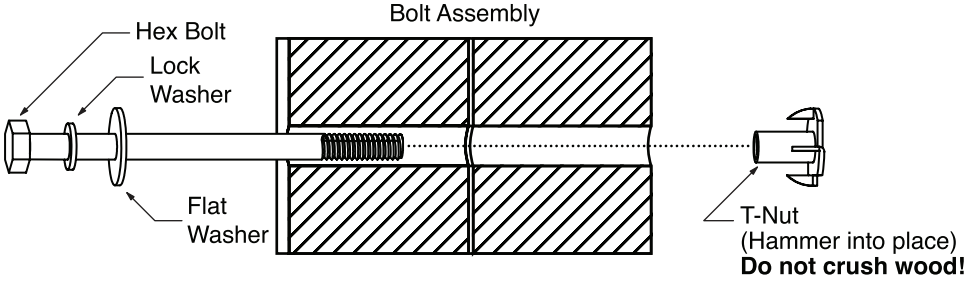
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



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".





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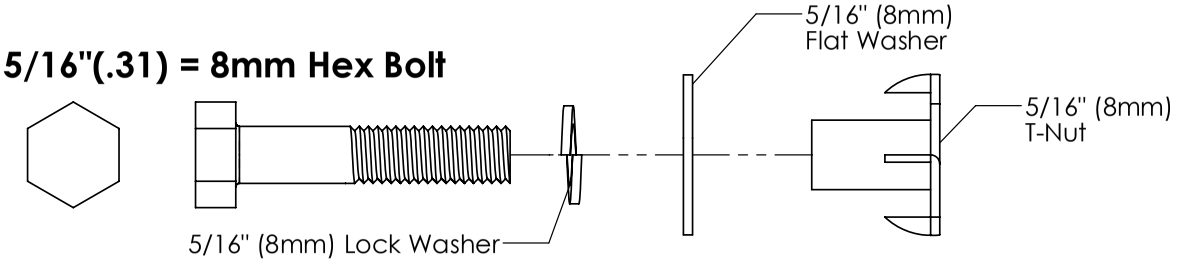
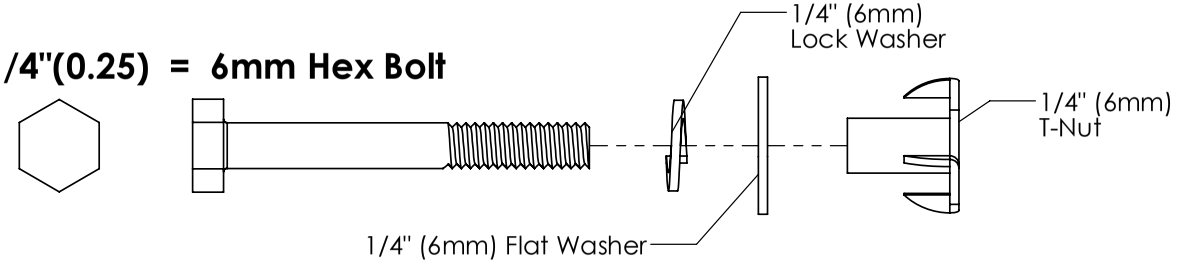
SOLO)WAVE DESIGN HARDWARE

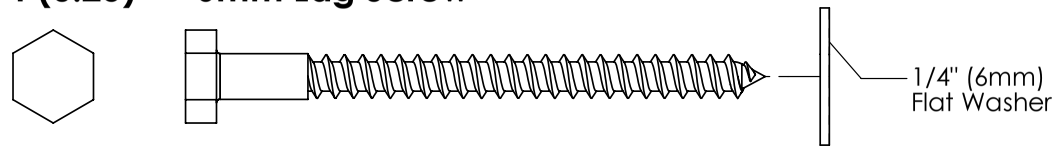
5/16"(.31) = 8mm Hex Bolt



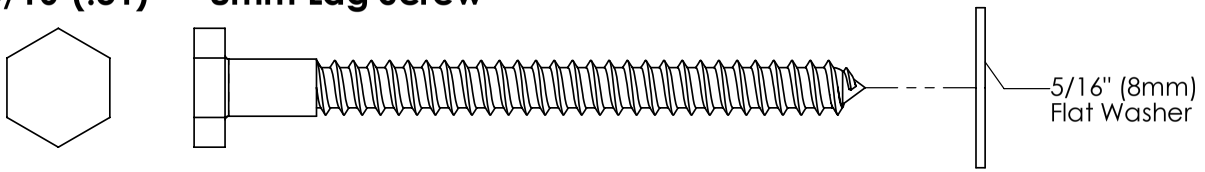
1/4"(0.25) = 6mm Hex Bolt



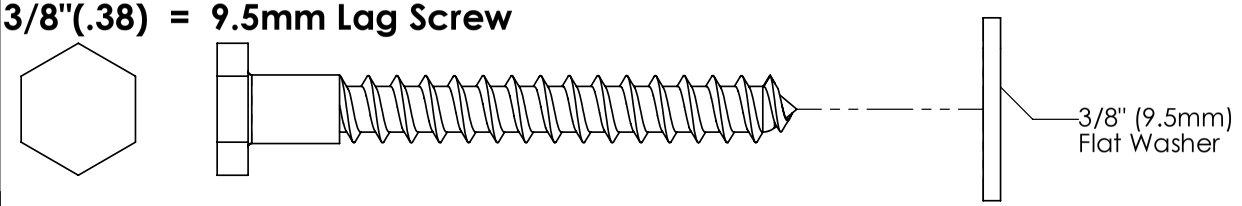
1/4"(0.25) = 6mm Lag Screw



5/16"(.31) = 8mm Lag Screw



3/8"(.38) = 9.5mm Lag Screw



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

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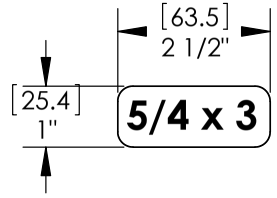
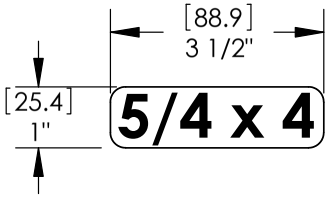
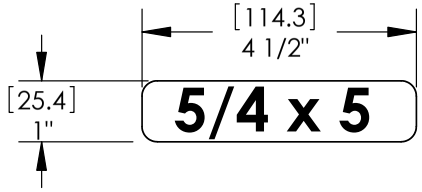
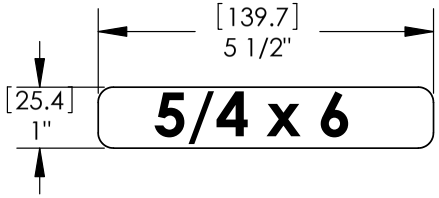
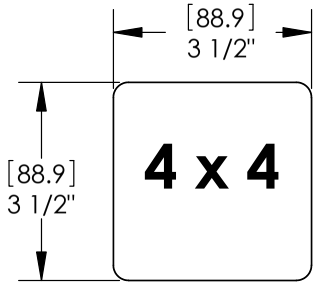
SOLO)WAVE DESIGN WOOD PROFILES

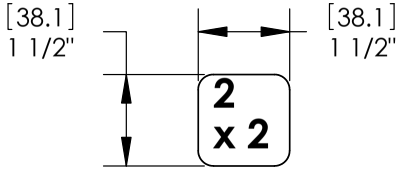


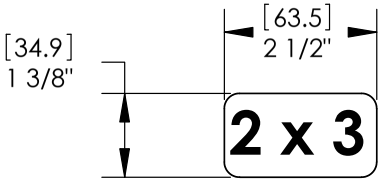


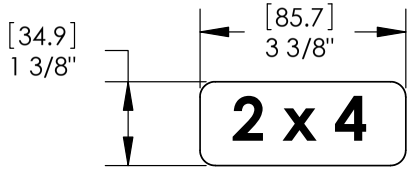


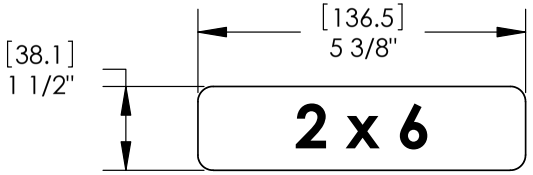




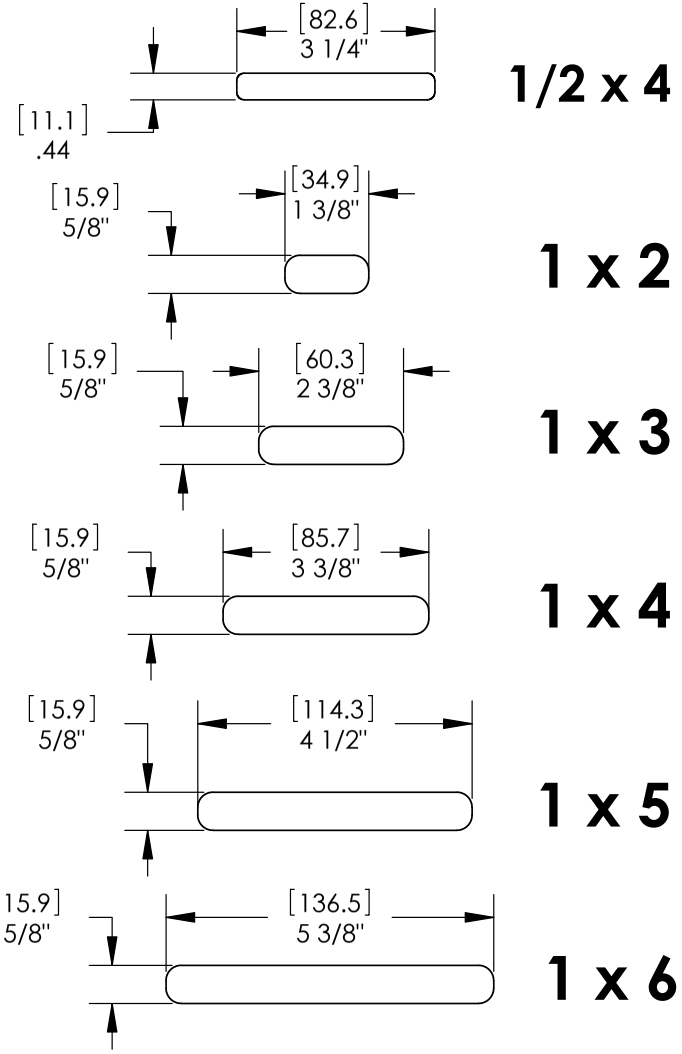








Dimensions in brackets [mm] represent millimetres.



LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOARD LENGTH 59¼ (59.25) inches

59.25 inches x 25.4mm = 1505mm

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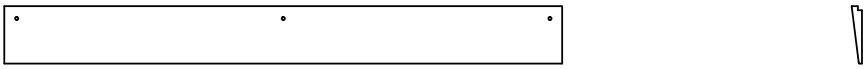
Part Identification (Reduced Size)

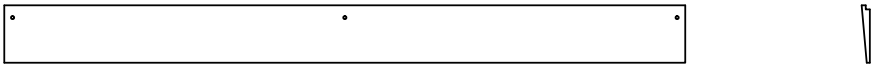
Nominal Size	Actual Size
1" x 4" 1" x 2" 1" x 2½"	⅝" x 3⅜" ⅝" x 1⅜" ⅝" x 2"

6 pc. - **2569** **-** Siding 3/8 x 3-1/2 x 24-1/4" - Box 2 - 3632569

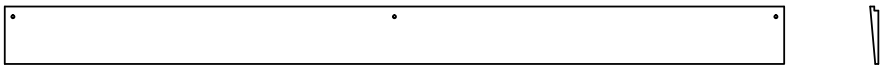
6 pc. - **2568** **-** Cedar Siding 3/8 x 3 1/2 x 34" - Box 2 - 3632568



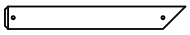
6 pc. - **1930** **-** Siding 3/8 x 3 1/2 x 41-1/2" - Box 2 - 3631930



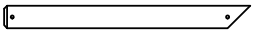
22 pc. - **5155** **-** Cedar Roofing 3/8 x 3 1/2 x 47-1/2" - Box 3 - 3635155



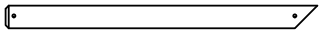
2 pc. - **0937** **-** Roof Picket 11" 1 x 2 x 11" - Box 3 - 3630937



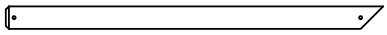
2 pc. - **0935** **-** Roof Picket 15" 1 x 2 x 15" - Box 3 - 3630935



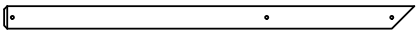
2 pc. - **0936** **-** Roof Picket 19" 1 x 2 x 19" - Box 3 - 3630936



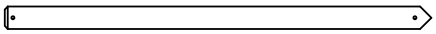
2 pc. - **0931** **-** Roof Picket 23" 1 x 2 x 23" - Box 2 - 3630931



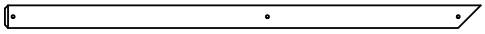
2 pc. - **0933** **-** Roof Picket 25" 1 x 2 x 25" - Box 3 - 3630933



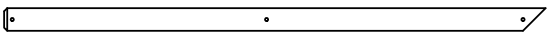
1 pc. - **0934** **-** Roof Picket 26" 1 x 2 x 26" - Box 4 - 3630934



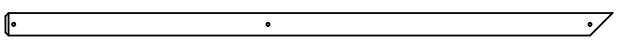
2 pc. - **0930** **-** Roof Picket 29" 1 x 2 x 29" - Box 3 - 3630930



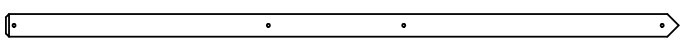
2 pc. - **0929** **-** Roof Picket 33" 1 x 2 x 33" - Box 4 - 3630929



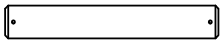
2 pc. - **0932** **-** Roof Picket 37" 1 x 2 x 37" - Box 3 - 3630932



1 pc. - **0938** **-** Roof Picket 41" 1 x 2 x 41" - Box 3 - 3630938



4 pc. - **0954** **-** Window Gap 1 x 2-1/2 x 13" - Box 4 - 3630954



2 pc. - **0941** **-** Rock Wall Block 1 x 4 x 5" - Box 4 - 3630941

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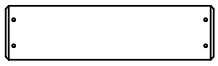
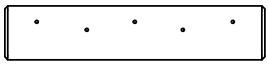
Part Identification (Reduced Size)

Nominal Size	Actual Size
1" x 5" 1" x 4"	⅝" x 4½" ⅝" x 3⅜"

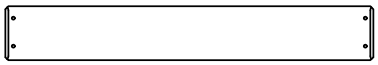
2 pc. - **0303** **-** CE Wall Board 1 x 4 x 13" - Box 3 - 3630303



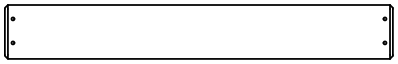
2 pc. - **2572** **-** Window Side 1 x 4 x 16-1/4" - Box 4 - 3632572



1 pc. - **2582** **-** Cedar Wall 1 x 4 x 23" - Box 4 - 3632582

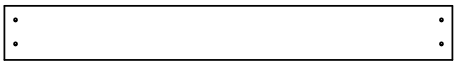


3 pc. - **1858** **-** Short Wall Support 1 x 4 x 24-1/4" - Box 4 - 3641858

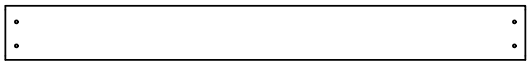


2 pc. - **8039** **-** Wall Board 1 x 4 x 26-1/2" - Box 4 - 3638039

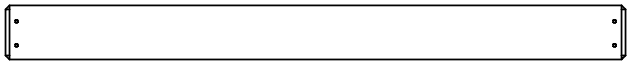
2 pc. - **5265** **-** Cedar Wall 1 x 4 x 28" - Box 2 - 3635265



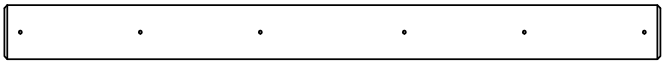
1 pc. - **0304** **-** CE Floor Board 1 x 4 x 32-1/2" - Box 4 - 3630304



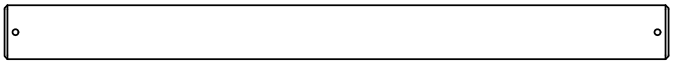
21 pc. - **0839** **-** CE Gap Board 1 x 4 x 38-3/4" - Box 2 - 3630839



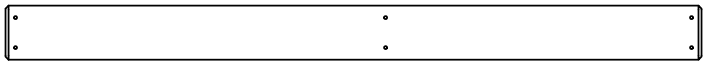
4 pc. - **0957** **-** Post Support 1 x 4 x 41" - Box 2 - 3630957



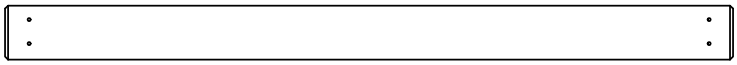
1 pc. - **0968** **-** Middle Top 1 x 4 x 41-1/2" - Box 4 - 3630968



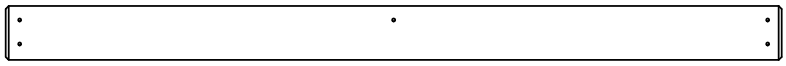
1 pc. - **2576** **-** Front Top 1 x 4 x 43-1/2" - Box 4 - 3632576



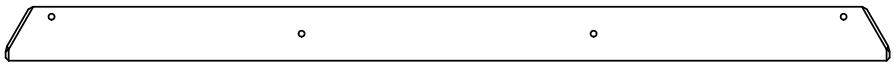
2 pc. - **0971** **-** Lower Chalk Wall 1 x 4 x 45-1/2" - Box 4 - 3630971



2 pc. - **0942** **-** Roof Facia 1 x 4 x 48-1/2" - Box 2 - 3630942

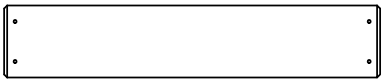


1 pc. - **0353** **-** MK Ground 1 x 4 x 55-1/4" - Box 4 - 3640353



1 pc. - **0305** **-** CE Wall Board 1 x 5 x 13" - Box 3 - 3630305

2 pc. - **5254** **-** CE Wall Board 1 x 5 x 23-1/2" - Box 4 - 3635254



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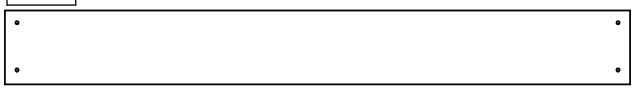
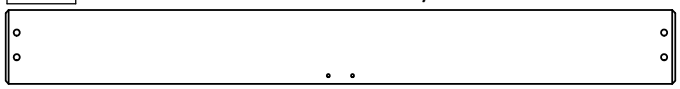
Part Identification (Reduced Size)

Nominal Size	Actual Size
1" x 6" 1" x 5"	⅝" x 5⅜" ⅝" x 4½"

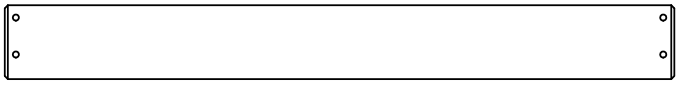
1 pc. - **1851** **-** Cedar Floor Board 1 x 5 x 38-3/4" - Box 3 - 3631851



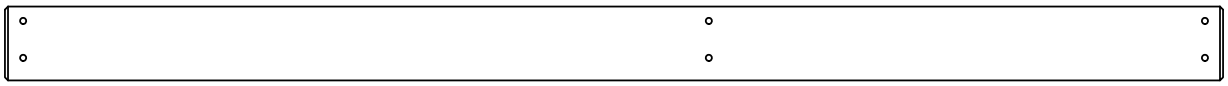
1 pc. - **0969** **-** Middle Floor 1 x 5 x 41-1/2" - Box 3 - 3630969



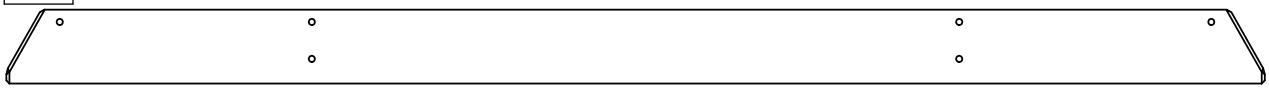
1 pc. - **0946** **-** SL Ground 1 x 5 x 41-1/2" - Box 3 - 3630946



2 pc. - **0939** **-** Ground Front/Back 1 x 5 x 75-1/2" - Box 3 - 3630939



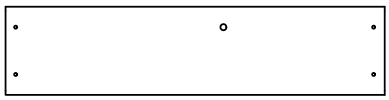
1 pc. - **0948** **-** SW Ground 1 x 5 x 78" - Box 3 - 3630948



6 pc. - **0702** **-** CE Wall Boards 1 x 6 x 23-1/2" - Box 4 - 3630702

3 pc. - **2330** **-** Rock Board A 1 x 6 x 23-1/2" - Box 4 - 3632330

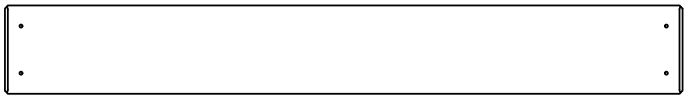
2 pc. - **2257** **-** Rock Board B 1 x 6 x 23-1/2" - Box 4 - 3632257



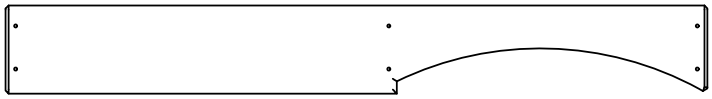
2 pc. - **0301** **-** Cedar Wall Board 1 x 6 x 34-1/4" - Box 4 - 3630301

1 pc. - **0840** **-** CE Gap Board 1 x 6 x 38-3/4" - Box 2 - 3630840

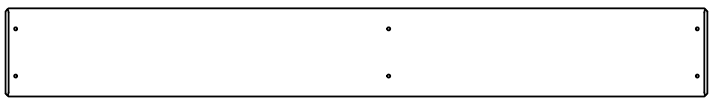
2 pc. - **2565** **-** CE Wall Board 1 x 6 x 42" - Box 4 - 3632565



1 pc. - **2574** **-** Door Top 1 x 6 x 43-1/2" - Box 4 - 3632574



1 pc. - **2573** **-** Front Board 1 x 6 x 43-1/2" - Box 4 - 3632573



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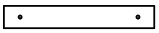
Part Identification (Reduced Size)

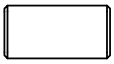
1 pc. - **0960** **-** Wall Back 1 x 6 x 76" - Box 3 - 3630960

6 pc. - **0950** **-** Window Brace 5/4 x 2 x 9-1/4" - Box 3 - 3630950

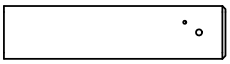


1 pc. - **3193** **-** Door Latch Block 5/4 x 3 x 5" - Box 4 - 38031936

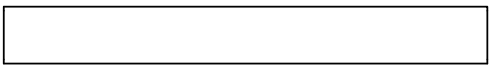
1 pc. - **3983** **-** Bench Brace Top 5/4 x 4 x 6-1/2" - Box 4 - 38039836



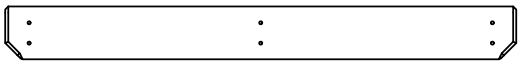
2 pc. - **2495** **-** Bench Support 5/4 x 4 x 13-5/8" - Box 2 - 3632495



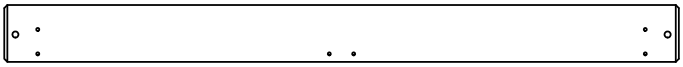
1 pc. - **2564** **-** Centre Floor Joist 5/4 x 4 x 29-3/4" - Box 4 - 3632564



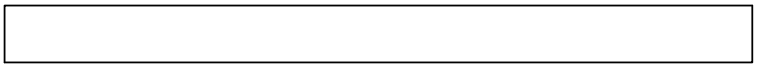
2 pc. - **3483** **-** Bench Top Cafe 5/4 x 4 x 31-7/16" - Box 2 - 38034836



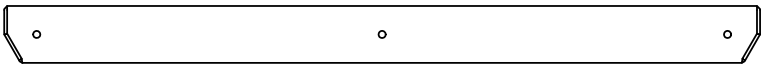
1 pc. - **0973** **-** Inner Floor 5/4 x 4 x 41-1/2" - Box 4 - 3630973



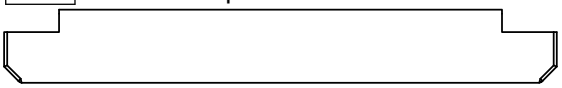
1 pc. - **0975** **-** Floor Joist 5/4 x 4 x 46" - Box 4 - 3630975



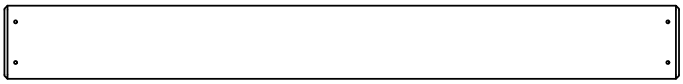
1 pc. - **1862** **-** SW Support 5/4 x 4 x 46-1/2" - Box 4 - 3641862



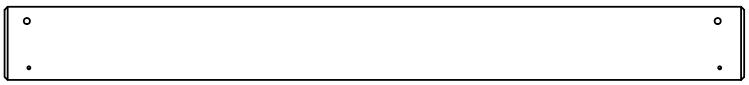
1 pc. - **2570** **-** Table Top 5/4 x 5 x 34" - Box 2 - 3632570



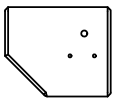
1 pc. - **2567** **-** MK Wall 5/4 x 5 x 41-1/2" - Box 3 - 3632567



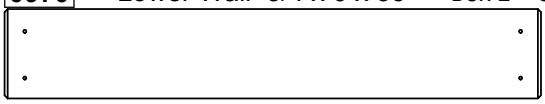
1 pc. - **0961** **-** Top Front 5/4 x 5 x 45-1/2" - Box 2 - 3630961



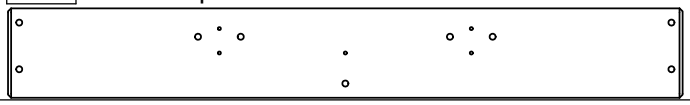
2 pc. - **2578** **-** Seat End 5/4 x 6 x 6-1/2" - Box 2 - 3632578



1 pc. - **0970** **-** Lower Wall 5/4 x 6 x 33" - Box 2 - 3630970



1 pc. - **2566** **-** MK Top 5/4 x 6 x 41-1/2" - Box 3 - 3632566



Nominal Size	Actual Size
5/4 x 2"	1" x 2¼"
5/4" x 4"	1" x 3½"
5/4" x 5"	1" x 4½"
5/4" x 6"	1" x 5½"
1" x 6"	⅝" x 5⅜"

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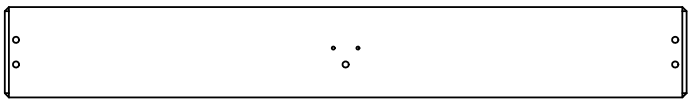
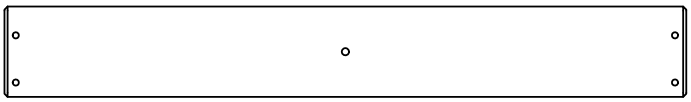
Part Identification (Reduced Size)

Nominal Size	Actual Size
5/4" x 6" 2" x 2" 2" x 3"	1" x 5½" 1½" x 1½" 1½" x 2½""

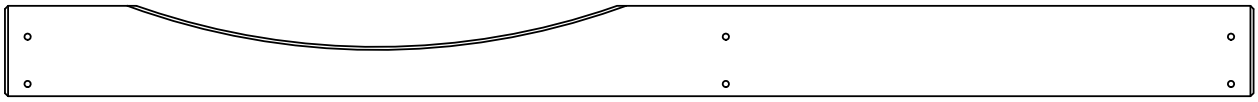
1 pc. - **0437** **-** SW Floor 5/4 x 6 x 41-1/2" - Box 3 - 3630437



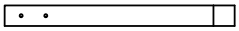
1 pc. - **0436** **-** SW Top 5/4 x 6 x 41-1/2" - Box 3 - 3630436



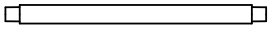
1 pc. - **0958** **-** Wall Front 5/4 x 6 x 76" - Box 2 - 3630958



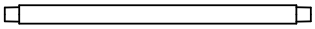
6 pc. - **0318** **-** Ground Stake 1-1/4 x 1-1/2 x 14" - Box 1 - 3650318



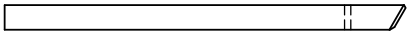
3 pc. - **578** **-** Tennon Dowel Ø1-1/8 x 15-7/8" - Box 1 - 3681578



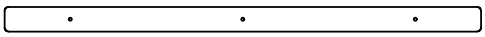
2 pc. - **858** **-** Tennon Dowel Ø1-1/8 x 18-5/8" - Box 1 - 3681858



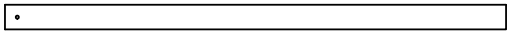
1 pc. - **0962** **-** Tarp Upright 2 x 2 x 24-1/2" - Box 4 - 3630962



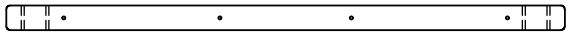
1 pc. - **2577** **-** Spacer 2 x 2 x 29" - Box 4 - 3632577



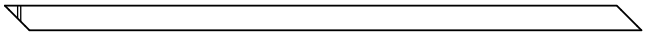
1 pc. - **0963** **-** Tarp Ridge 2 x 2 x 30-1/2" - Box 3 - 3630963



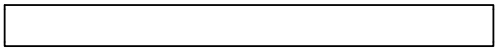
1 pc. - **2571** **-** Table Support 2 x 2 x 34" - Box 4 - 3632571



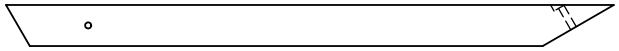
2 pc. - **0943** **-** Roof Joist 2 x 2 x 38-3/4" - Box 4 - 3630943



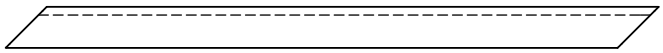
2 pc. - **2563** **-** Joist 2 x 3 x 29-3/4" - Box 3 - 3632563



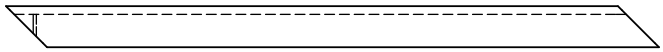
4 pc. - **0369** **-** Lower Diagonal 2 x 3 x 37" - Box 2 - 3630369



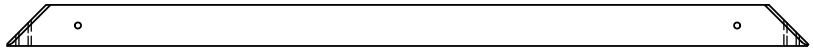
2 pc. - **0972** **-** Left Roof Support 2 x 3 x 39-3/4" - Box 3 - 3630972



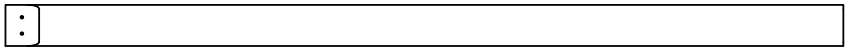
2 pc. - **0967** **-** Right Roof Support 2 x 3 x 39-3/4" - Box 3 - 3630967



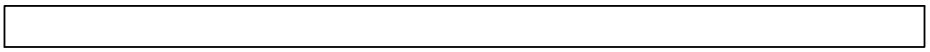
2 pc. - **0944** **-** Roof Side 2 x 3 x 49" - Box 2 - 3630944



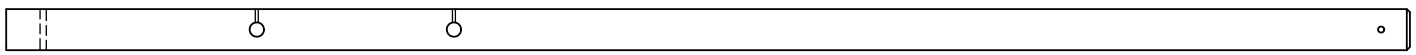
2 pc. - **0349** **-** Rock Rail 2 x 3 x 51" - Box 2 - 3640349



4 pc. - **0956** **-** Lower Post 2 x 3 x 56" - Box 2 - 3630956



2 pc. - **2580** **-** Post MK 2 x 3 x 85-7/16" - Box 3 - 3632580

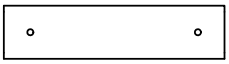


Part Identification (Reduced Size)

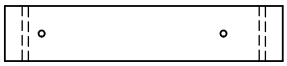
Nominal Size	Actual Size
2" x 4"	1⅜" x 3⅜"
2" x 6"	1½" x 5⅜"

1 pc. - **4919** **-** SW Rail Block 2 x 4 x 5-3/8" - Box 2 - 3644919

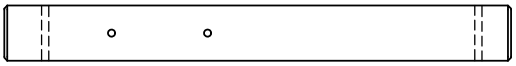
2 pc. - **2484** **-** Bench Leg 2 x 4 x 13-1/2" - Box 2 - 3632484



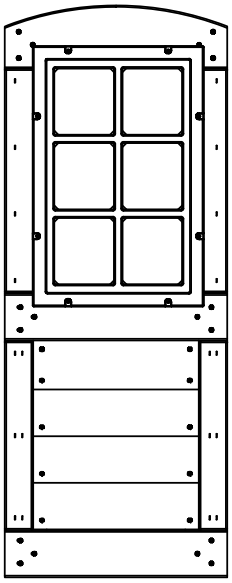
4 pc. - **0966** **-** Roof Block 2 x 4 x 17" - Box 2 - 3630966



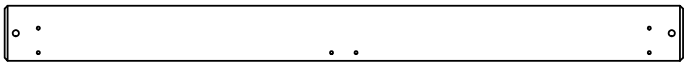
1 pc. - **2581** **-** Wall Mount 2 x 4 x 31" - Box 4 - 3632581



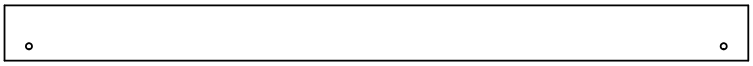
1 pc. - **2579** **-** Door Panel Green 1¼ x 15⅞ x 40¾"
Box 2 - 3602579G



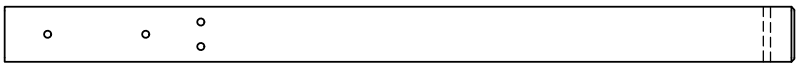
1 pc. - **0965** **-** SL Floor 2 x 4 x 41-1/2" - Box 4 - 3630965



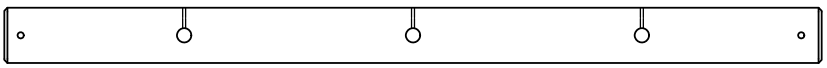
2 pc. - **0976** **-** Floor Front Back 2 x 4 x 45-1/2" - Box 4 - 3630976



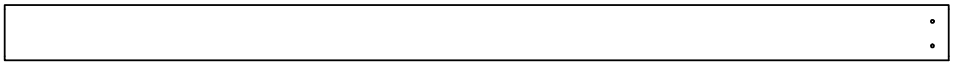
1 pc. - **1856** **-** SW Upright 2 x 4 x 48-5/16" - Box 4 - 3641856



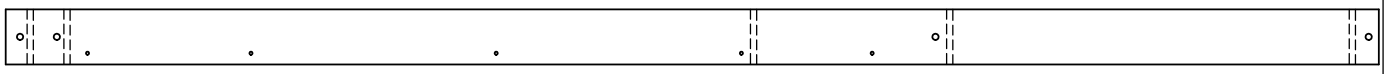
2 pc. - **1565** **-** MK Rail Short 2 x 4 x 50" - Box 4 - 3641565



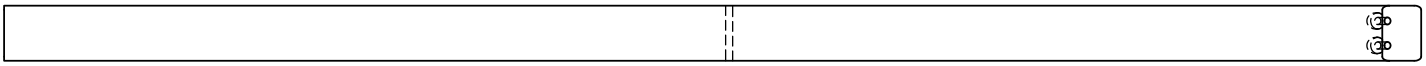
1 pc. - **2575** **-** Door Post 2 x 4 x 57-3/4" - Box 3 - 3632575



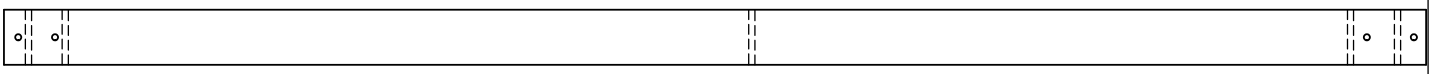
4 pc. - **0945** **-** Short Post 2 x 4 x 84" - Box 2 - 3630945



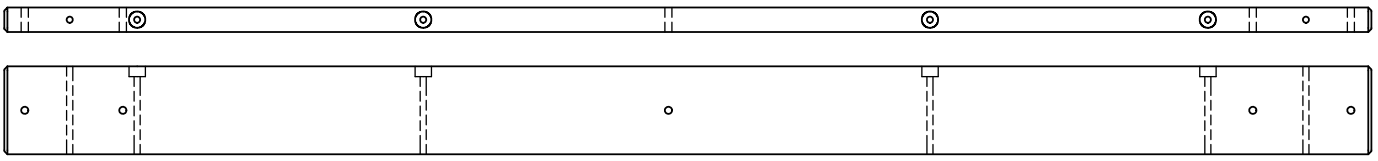
2 pc. - **1863** **-** SW Post 2 x 4 x 86-11/16" - Box 4 - 3641863



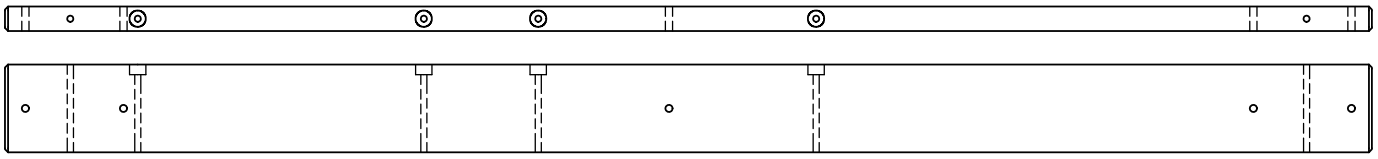
2 pc. - **0955** **-** Long Post 2 x 4 x 87" - Box 3 - 3630955



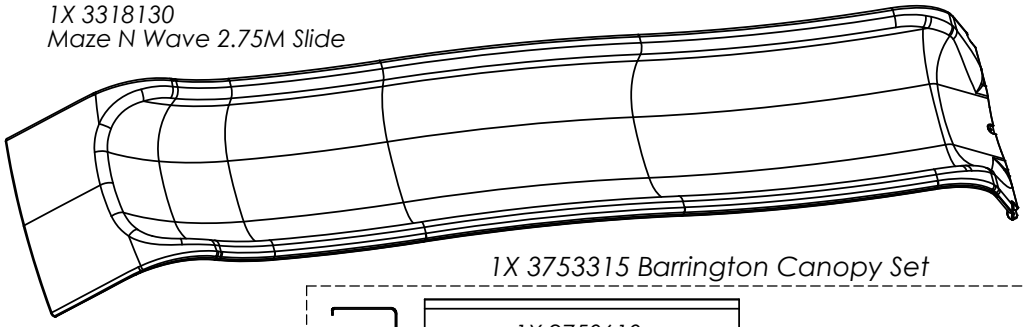
1 pc. - **1826** **-** Front Beam 2 x 6 x 83-5/8" - Box 3 - 3631826



1 pc. - **1825** **-** Back Beam 2 x 6 x 83-5/8" - Box 3 - 3631825



Part Identification (Reduced Part Size)

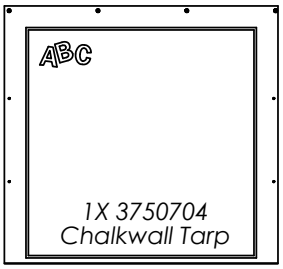


1X 3318130
Maze N Wave 2.75M Slide

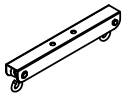
1X 3753315 Barrington Canopy Set

1X 9200840
Greenbrook
Cafe Frame

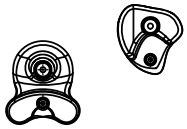
1X 9750610
Cafe Canopy



1X 3750704
Chalkwall Tarp



1X 3200202
Glider Hanger (2pk)



1X 3320386 Rocks (5pk)
3-Green 2-Yellow

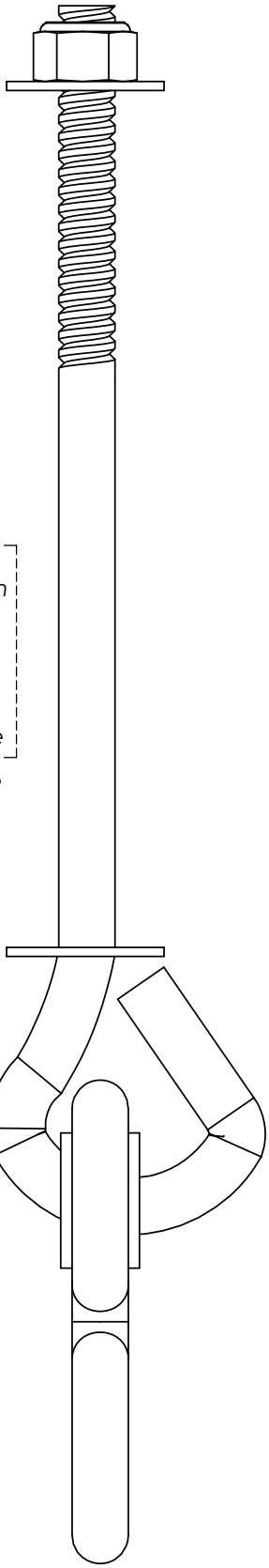
1X 9750640
Barrington
Roof Canopy

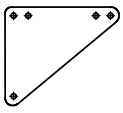
2X 9207713
Magnetic Door Catch

2X 9201712
Door Hinge

2X 9201711
Door Handle

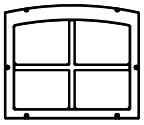
1X 3201710 Door Hardware



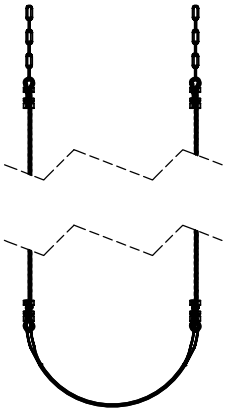


1X 3200184
Triangle Plate (4pk)
Green

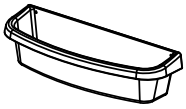
2X 9320240
Hand Grip -Yellow



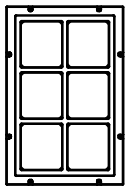
1X 3320175
Arch Top Window (3pk)



2X 3724943
42" Belt Swing Yellow
w.welded chain



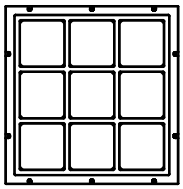
1X 9320401
Flower Box Green



1X 9320146
Small Window Green

2X 9200141
MB Hanger Bracket
Green

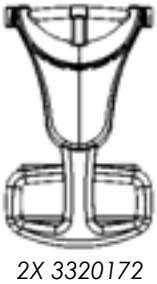
1X 9320357
Cedar Summit I.DPlaque



1X 9320149
Bay Window 9 Pane (Green)

2X 9200300
Monkey Bracket

1X 3320273
2 person Glider Seat - Yellow



2X 3320172
2 person Glider
End -Green

1X 3200164 (4pk)
Corner Brace Set

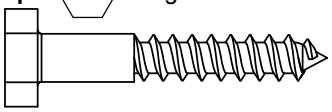
1X 3533860 (4pk)
39" Glider Rope & Chain (welded chain)

1X 3202000
Swing Hanger Bolt
Thru. (4 pk)

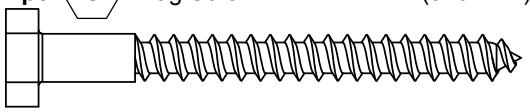
support@cedarsummitplay.com

Hardware Identification (Actual Size)

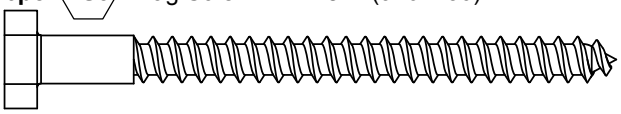
4pc. ⟨**LS1**⟩ - Lag Screw 1/4 x 1-1/2" - (9262212)



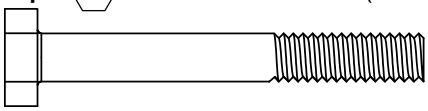
2pc. ⟨**LS2**⟩ - Lag Screw 1/4 x 2-1/2" - (9262222)



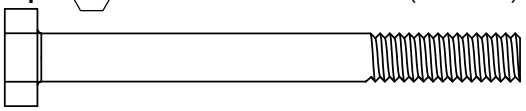
6pc. ⟨**LS3**⟩ - Lag Screw 1/4 x 3" - (9262230)



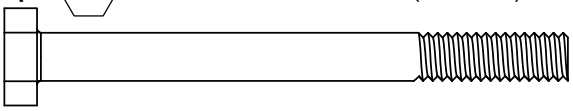
22pc. ⟨**H2**⟩ - Hex Bolt 1/4 x 2" - (9277220)



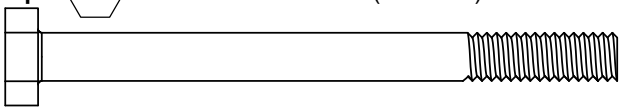
13pc. ⟨**H3**⟩ - Hex Bolt 1/4 x 2-1/2" - (9277222)



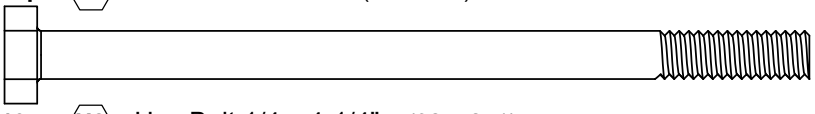
4pc. ⟨**H11**⟩ - Hex Bolt 1/4 x 2-3/4" - (9277223)



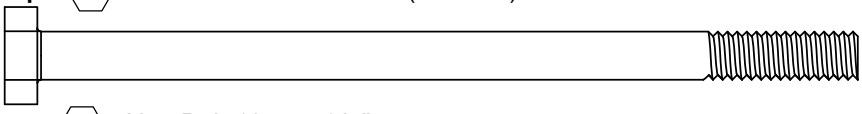
2pc. ⟨**H12**⟩ - Hex Bolt 1/4 x 3" - (9277230)



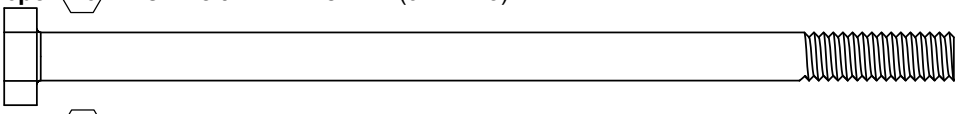
12pc. ⟨**H4**⟩ - Hex Bolt 1/4 x 4" - (9277240)



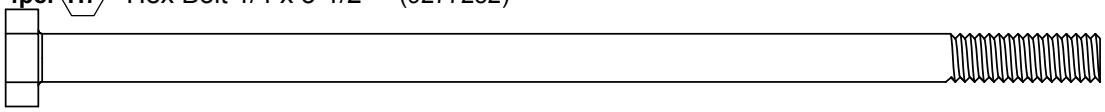
13pc. ⟨**H8**⟩ - Hex Bolt 1/4 x 4-1/4" - (9277241)



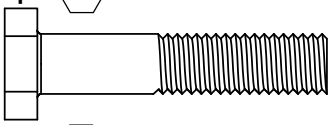
6pc. ⟨**H6**⟩ - Hex Bolt 1/4 x 4-3/4" - (9277243)



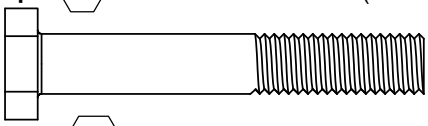
4pc. ⟨**H7**⟩ - Hex Bolt 1/4 x 5-1/2" - (9277252)



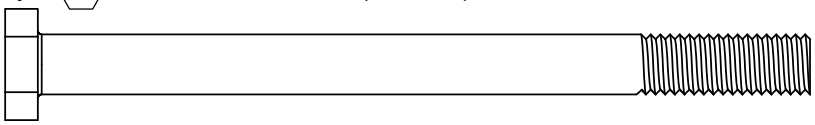
4pc. ⟨**G1**⟩ - Hex Bolt 5/16 x 1-1/2" - (9277312)



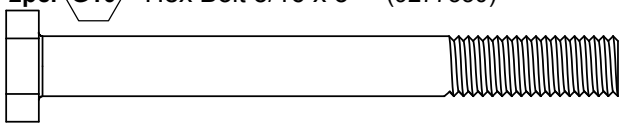
2pc. ⟨**G8**⟩ - Hex Bolt 5/16 x 2" - (9277320)



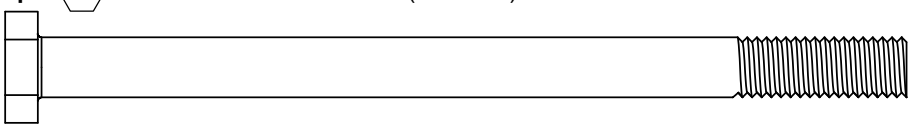
2pc. ⟨**G4**⟩ - Hex Bolt 5/16 x 4" - (9277340)



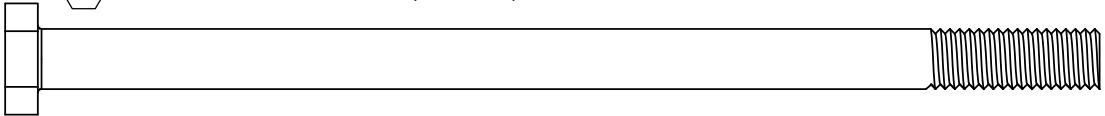
2pc. ⟨**G10**⟩ - Hex Bolt 5/16 x 3" - (9277330)



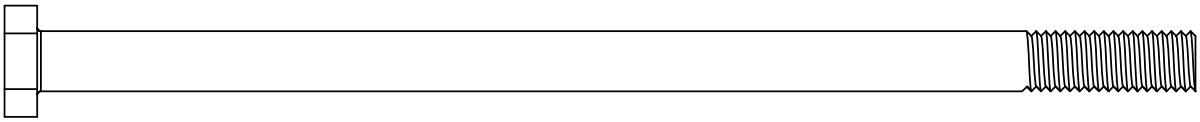
7pc. ⟨**G5**⟩ **-** Hex Bolt 5/16 x 4-1/2" - (9277342)



4pc. ⟨**G7**⟩ - Hex Bolt 5/16 x 5-1/2" - (9277352)



2pc. ⟨**Z**⟩ - Hex Bolt 5/16 x 6" - (9277360)



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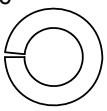
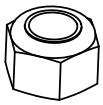
Hardware Identification (Actual Size)

15pc. (LW2) - 5/16" Lock Washer - (9253300)

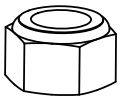


85pc. (LW1) -1/4" Lock Washer - (9253200)

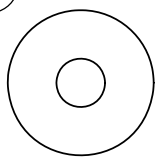
2pc. (LN1) - 1/4" Lock Nut - (9283200)



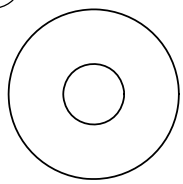
12pc. (LN2) - 5/16" Lock Nut - (9283300)



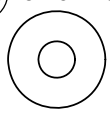
96pc. (FW1) -1/4" Flat Washer - (9251200)



39pc. (FW2) - 5/16" Flat Washer - (9251300)

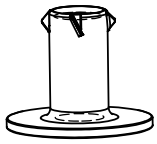


5pc. (FW0) -3/16" Flat Washer - (9251100)

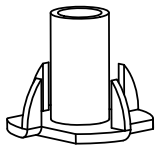


31pc. (FW3) -#8 Flat Washer - (9251500)

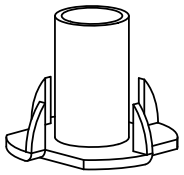
5pc. [BN1] -1/4" Barrel Nut - (9248200)



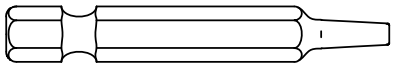
80pc. [TN1] - 1/4" T - Nut -(9285200)



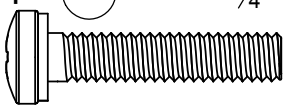
16pc. [TN2] - 5/16" T- Nut - (9285300)



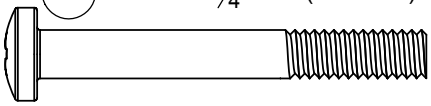
1pc. [D4] -#2 Robertson Driver Bit - (9200014)



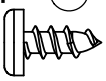
9pc. (PB2) -Pan Bolt 1/4 x 1 1/4 - (9274211)



2pc. (PB5) -Pan Bolt 1/4 x 2 - (9274220)

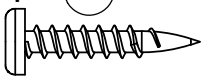


31pc. (S5) -Pan Screw #8 x 1/2" - (9260910)

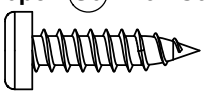


72pc. (S13) -Pan Screw #6 x 5/8" - (9264990)

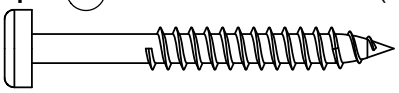
5pc. (S10) -Pan Screw #8 x 1" - (9264510)



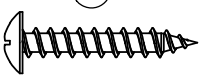
10pc. (S6) -Pan Screw #12 x 1" - (9264610)



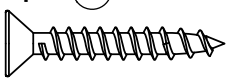
15pc. (S7) -Pan Screw #12 x 2" - (9264620)



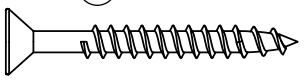
120pc. (S0) -Truss Screw #8 x 7/8" - (52933505)



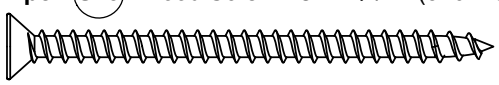
39pc. (S1) -Wood Screw #8 x 1 1/8" - (52042514)



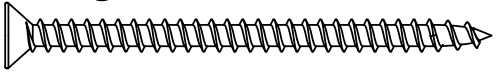
333pc. (S2) -Wood Screw #8 x 1½" - (52042512)



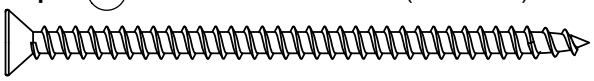
22pc. (S15) -Wood Screw #8 x 1¾" - (52042513)



29pc. (S3) -Wood Screw #8 x 2½" - (52042522)



55pc. (S4) -Wood Screw #8 x 3" - (52042530)



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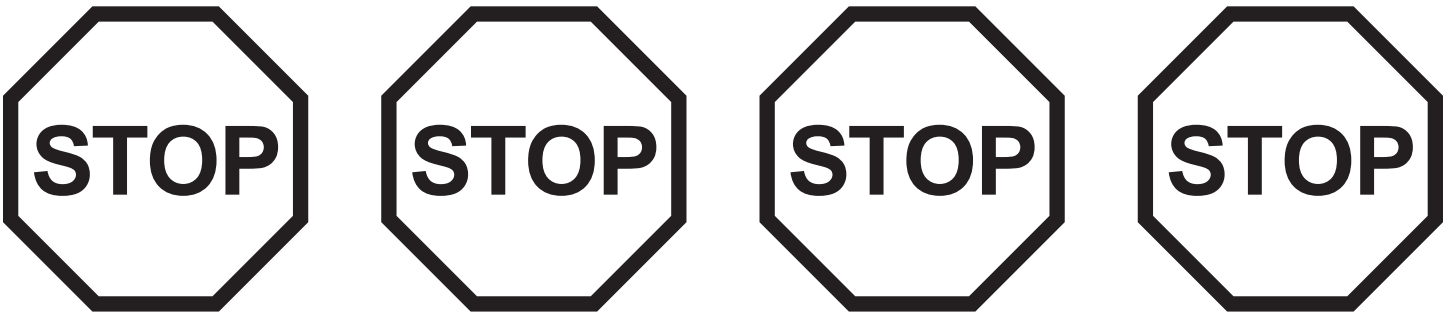
Step 1: Inventory Parts - Read This Before Starting Assembly



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.

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C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 6.

D. Before you discard your cartons fill out the form below.

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the ID Plaque.
- Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: **F23315**

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 1)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 2)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 3)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 4)

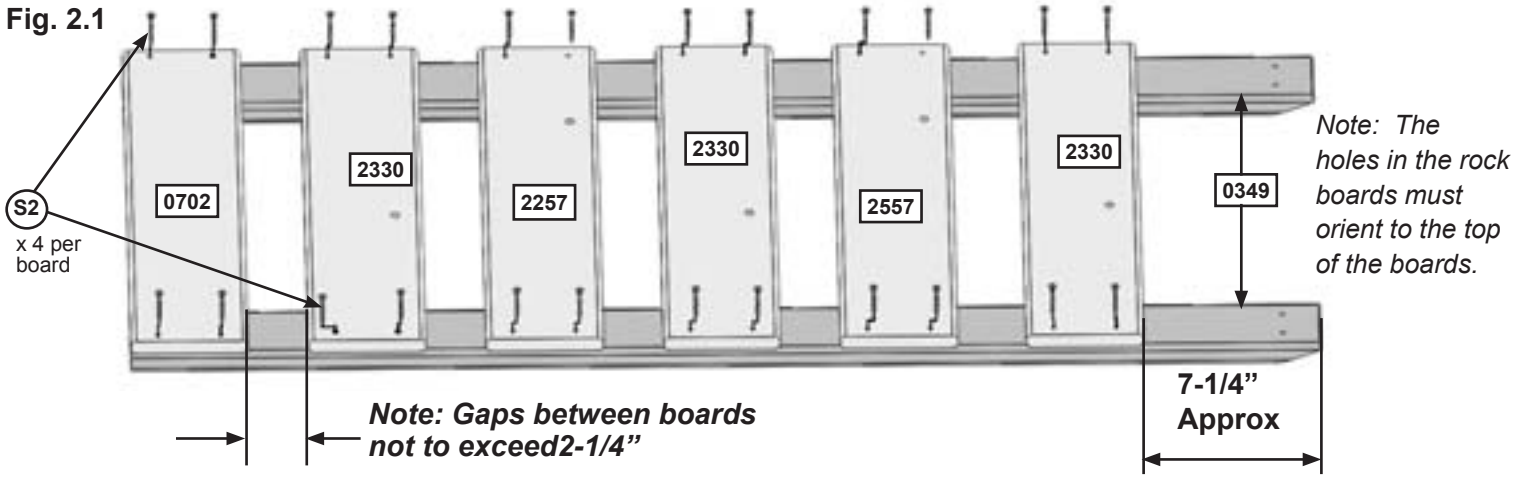
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 2: Rock Wall Assembly

Fig. 2.1



A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 2.1)

B: Place (0702) CE Wall Board on the bottom of each (0349) Rock Rail as shown in fig. 2.1. Make sure (0702) CE Wall Board is flush to the outside and bottom edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2” Wood Screws.

C: 7-1/4” down from the top of both (0349) Rock Rails place 1 (2330) Rock Board A, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 2.1)

D: In between the (0702) CE Wall Board and (2330) Rock Board A stagger 2 more (2330) Rock Board A’s and 2 (2257) Rock Boards B’s using 4 (S2) #8 x 1-1/2” Wood Screws per board. Placing them as shown in fig. 2.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-1/4” between boards.

Fig. 2.2

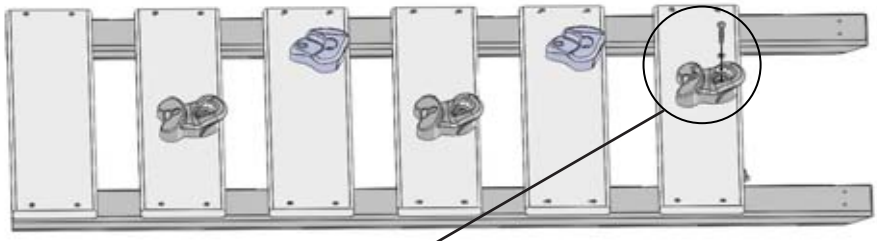
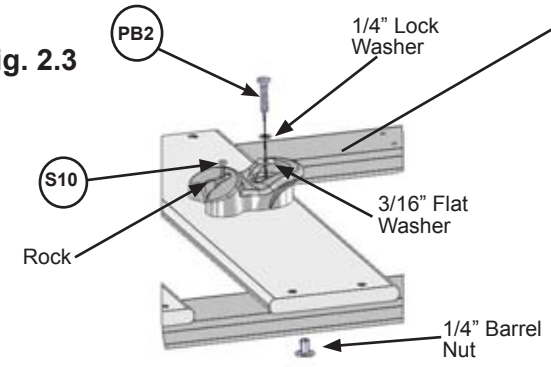


Fig. 2.3



E: Place 1 rock on each rock board (fig. 2.2) and attach using 1 (PB2) 1/4 x 1-1/4” Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1” Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 2.3)

Wood Parts

- 1 x 0702 CE Wall Board 1 x 6 x 23-1/2”
- 2 x 2257 Rock Board B 1 x 6 x 23-1/2”
- 3 x 2330 Rock Board A 1 x 6 x 23-1/2”
- 2 x 0349 Rock Rail 2 x 3 x 51”

Hardware

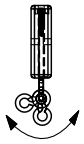
- 24 x S2 #8 x 1-1/2” Wood Screw
- 5 x S10 #8 x 1” Pan Screw
- 5 x PB2 1/4 x 1-1/4 Pan Bolt (1/4” lock washer, 3/16” flat washer & 1/4” barrel nut)

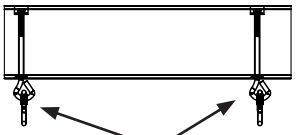
Other Parts

- 5 x Rocks (3 green/2 yellow)

Step 3: Swing Beam Assembly

Fig. 3.4



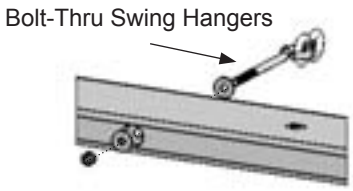


Make sure triangle is tight against beam

⚠WARNING: For your child's safety, orientate the swing hangers as shown to ensure your swing will have proper swing motion when installed. Failure to do so could result in premature failure of the swing hanger or swing chain.

A: In the middle holes of (1825) Back Beam install 2 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.

B: In the end holes of (1826) Front Beam install 2 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.



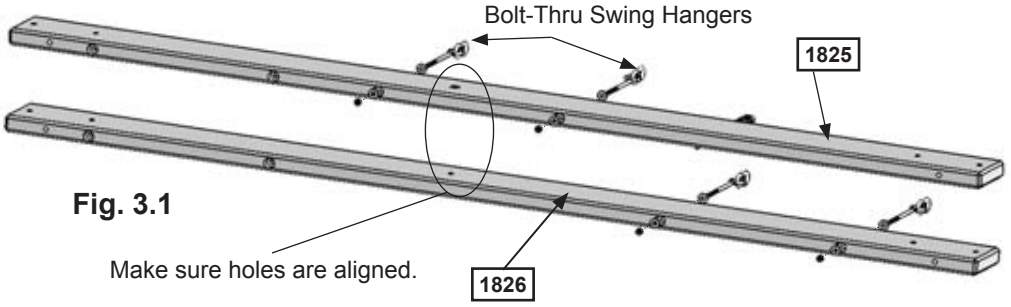


Fig. 3.1

C: Attach 1 Triangle Plate to the ends of each (1826) Front Beam and (1825) Back Beam using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per triangle plate in the hole indicated in fig. 3.2 and 3.3. **Correct hole usage is very important.**

Fig. 3.2

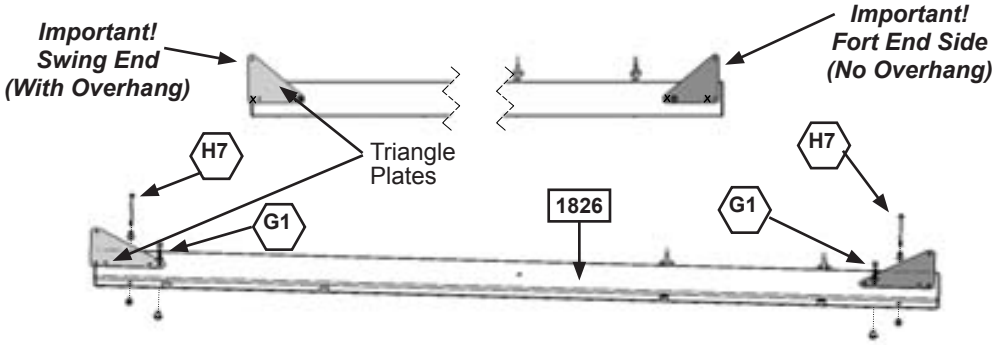
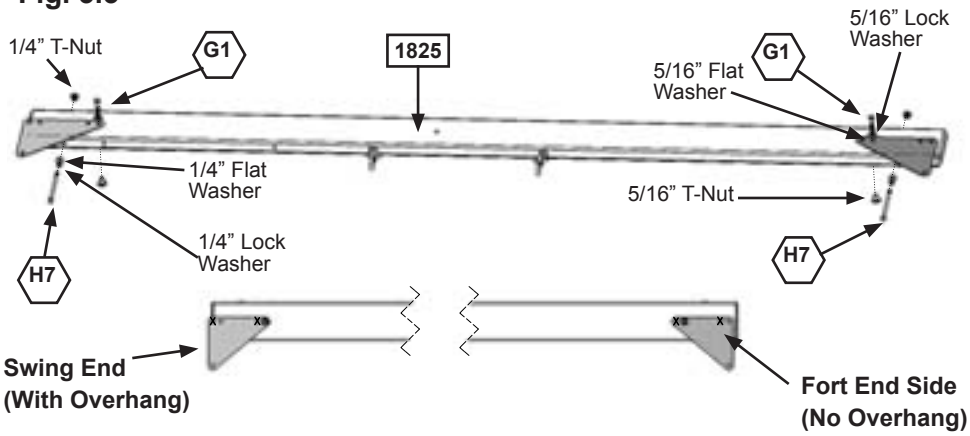


Fig. 3.3



D: Attach 1 (H7) 1/4 x 5-1/2" Hex Bolt (with lock washer, flat washer and t-nut) to the ends of each (1826) Front Beam and (1825) Back Beam. The bolts do not attach to anything, but **MUST** be installed to the beams to prevent splitting and checking of wood. (fig. 3.2 and 3.3)

Wood Parts

- 1 x 1826 **Front Beam 2 x 6 x 83-5/8"**
- 1 x 1825 **Back Beam 2 x 6 x 83-5/8"**

Hardware

- 4 x H7 **1/4 x 5-1/2" Hex Bolt (1/4" flat washer, 1/4" lock washer, 1/4" t-nut)**
- 4 x G1 **5/16 x 1-1/2" Hex Bolt (5/16" flat washer, 5/16" lock washer, 5/16" t-nut)**

Other Parts

- 1 x **Bolt-Thru Swing Hanger (pkg of 4)**
- 1 x **Triangle Plate (pkg of 4)**

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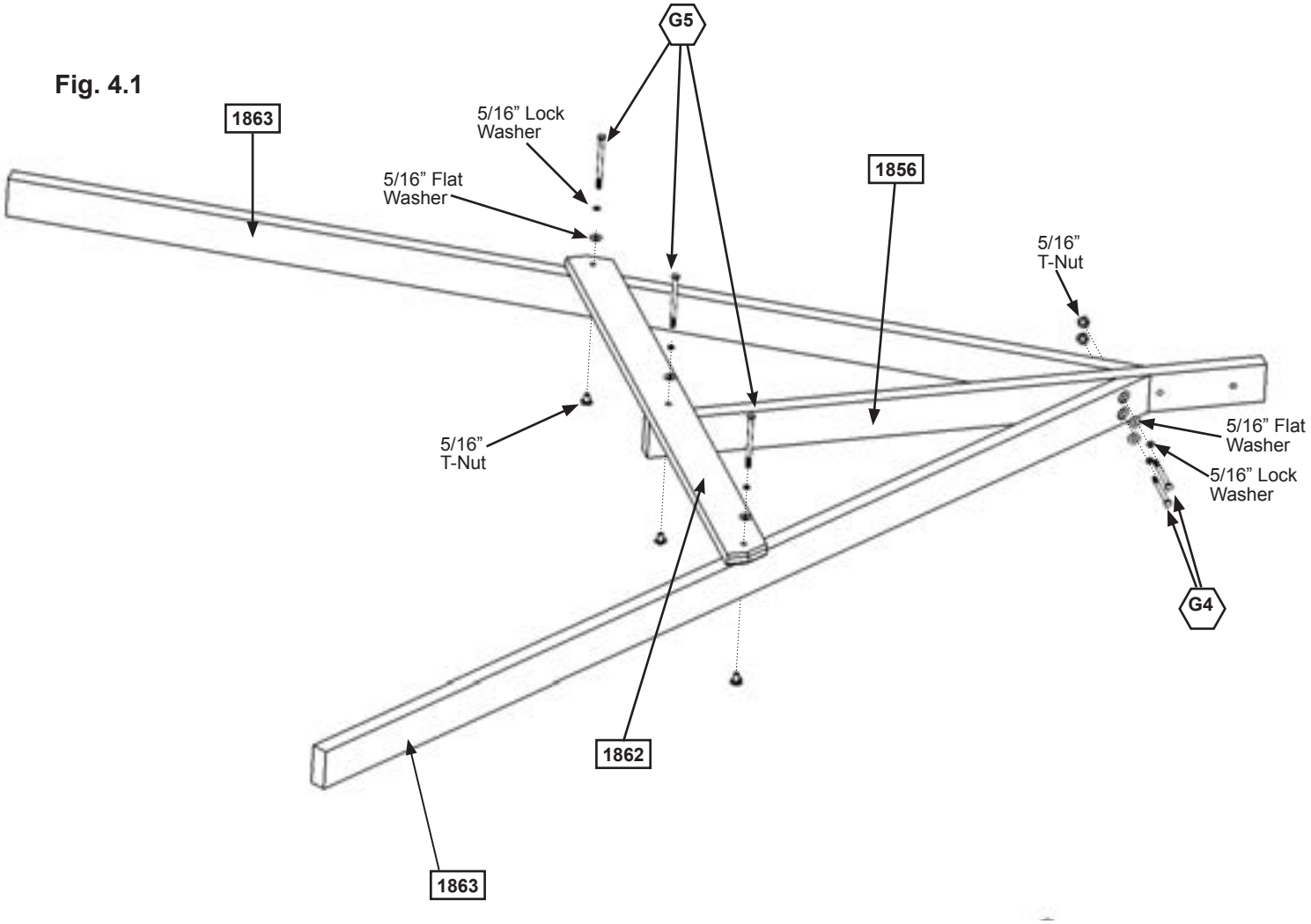
Step 4: Swing End Assembly

A: Attach 2 (1863) SW Posts to (1856) SW Upright using 2 (G4) 5/16 x 4” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

Fig. 4.1



B: Attach (1862) SW Support to both (1863) SW Posts and (1856) SW Upright using 3 (G5) 5/16 x 4-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

Wood Parts	Hardware
2 x 1863 **SW Post 2 x 4 x 86-11/16”**	2 x G4 **5/16 x 4” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**
1 x 1862 **SW Support 5/4 x 4 x 46-1/2”**	
1 x 1856 **SW Upright 2 x 4 x 48-5/16”**	3 x G5 **5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

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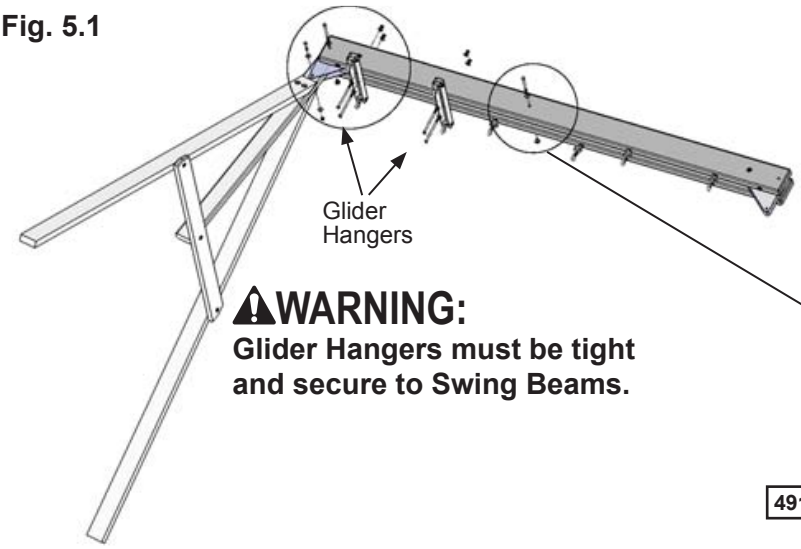
Step 5: Attach Swing End to Swing Beam

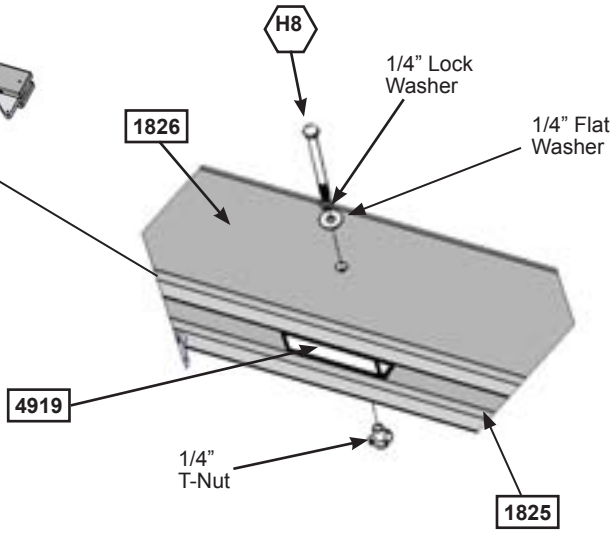
A: Place (4919) SW Rail Block in the centre between (1826) Front Beam and (1825) Back Beam and attach with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 5.1 and 5.2)

Fig. 5.1



⚠WARNING:
Glider Hangers must be tight and secure to Swing Beams.

Fig. 5.2



B: Attach Swing End Assembly to the side of the Swing Beam Assembly with the overhang (fig. 5.3 and 5.4) using 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole of Triangle Plate and 1 (G8) 5/16 x 2" Hex Bolt (with 2 flat washers and lock nut) in the bottom hole of Triangle Plate. (fig. 5.3) Make sure Swing End Assembly flares out at an angle. (fig. 5.4)

C: Attach 2 Glider Hangers to the Swing Beam Assembly using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and lock nut) per Glider Hanger. (fig. 5.1 and 5.3)

Fig. 5.4

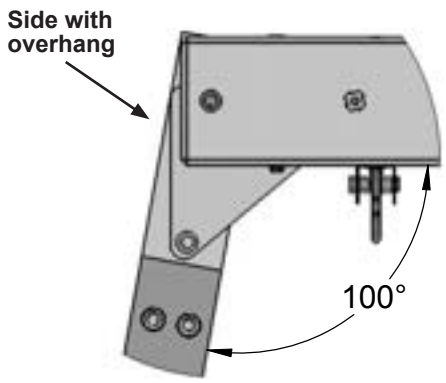
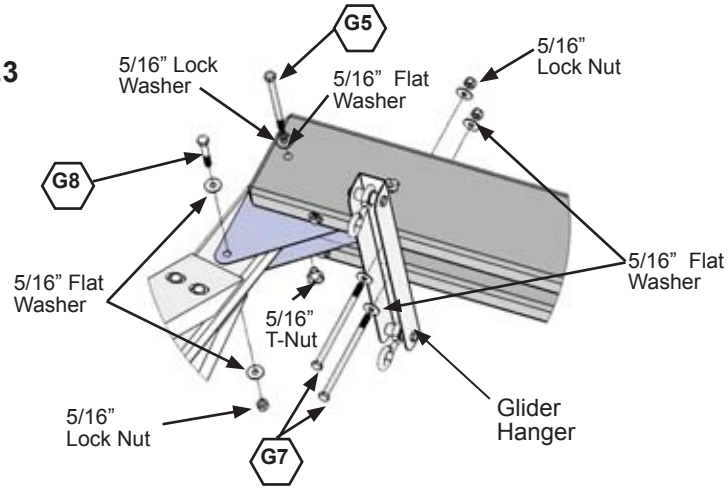


Fig. 5.3



Wood Parts

1 x 4919 **SW Rail Block 2 x 4 x 5-3/8"**

Hardware

1 x H8 **1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
1 x G5 **5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
4 x G7 **5/16 x 5-1/2" Hex Bolt (5/16" flat washer x2, 5/16" lock nut)**
1 x G8 **5/16 x 2" Hex Bolt (5/16" flat washer x2, 5/16" lock nut)**

Other Parts

2 x Glider Hanger

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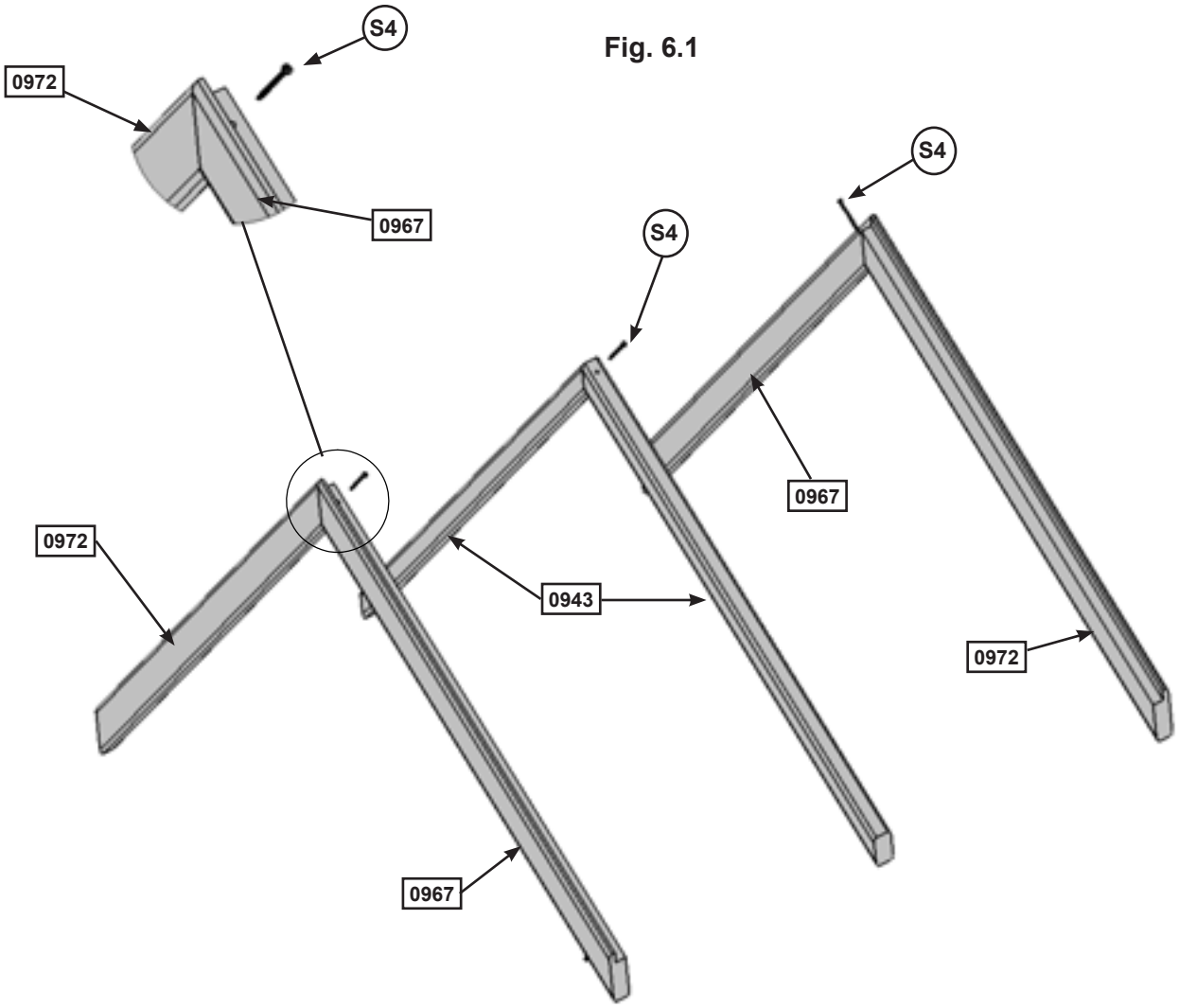
Step 6: Roof Assembly
Part 1

A: Attach 1 (0967) Right Roof Support to 1 (0972) Left Roof Support at the peak using 1 (S4) #8 x 3” Wood Screw. Do this twice so you have 2 Roof Support Assemblies. (fig. 6.1)

B: Attach 1 (0943) Roof Joist to another at the peak using 1 (S4) #8 x 3” Wood Screw. (fig. 6.1)

Fig. 6.1



Wood Parts

- 2 x 0967 Right Roof Support 2 x 3 x 39-3/4”
- 2 x 0972 Left Roof Support 2 x 3 x 39-3/4”
- 2 x 0943 Roof Joist 2 x 2 x 38-3/4”

Hardware

- 3 x S4 #8 x 3” Wood Screw

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Step 6: Roof Assembly
Part 2

C: Starting at the top of the Roof Support Assembly attach 1 (5155) Cedar Roofing on each side of the Roof Support Assemblies with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 6.2) Be sure to overlap the top of the boards so there are no gaps. (fig. 6.2 and 6.3)

D: Attach 1 (5155) Cedar Roofing at the bottom of the Roof Support Assembly on each side, making sure they are flush to each (0972) Left Roof Support and (0967) Right Roof Support with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 6.2)

E: On one side of the assembly evenly space and attach 9 (5155) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 11 (5155) Cedar Roofing on this side. (fig. 6.2)

F: On the other side of the assembly evenly space and attach 9 (5155) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 6.2)

Fig. 6.2

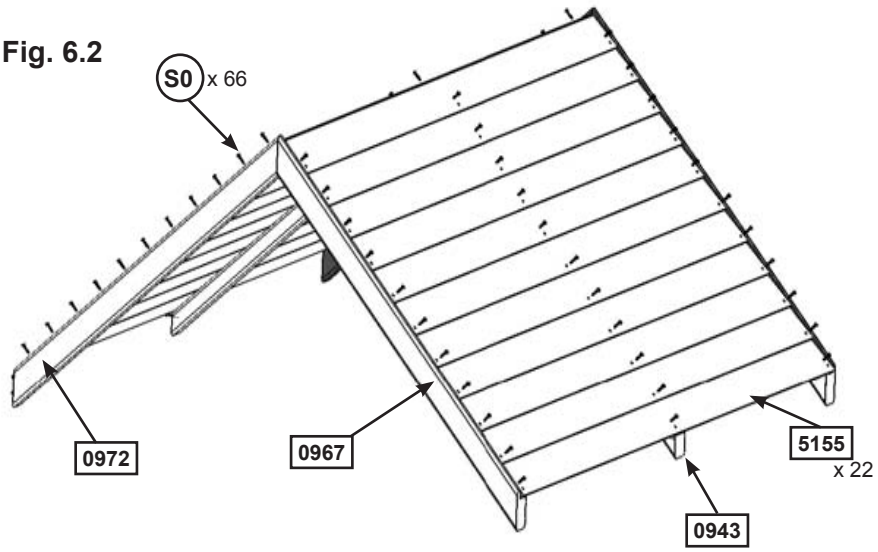
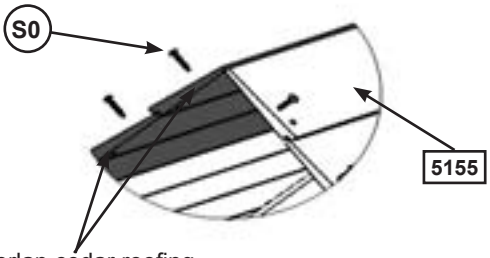


Fig. 6.3



Roof Supports removed for clarity

Wood Parts

22 x 5155 Cedar Roofing 3/8 x 3-1/2 x 47-1/2"

Hardware

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

Step 6: Roof Assembly
Part 3

G: Attach 1 (0944) Roof Side tight to each (0972) Left Roof Support and (0967) Right Roof Support with 2 (S3) #8 x 2-1/2" Wood Screws in the outer holes and 2 (S4) #8 x 3" Wood Screws in the inner holes. (fig 6.4)

H: Flush to the edge of each (0967) Right Roof Support and (0972) Left Roof Support and tight to the bottom of the last (5155) Cedar Roofing attach 1 (0942) Roof Fascia with 5 (S2) #8 x 1-1/2" Wood Screws per side. (fig 6.5)

Fig. 6.4

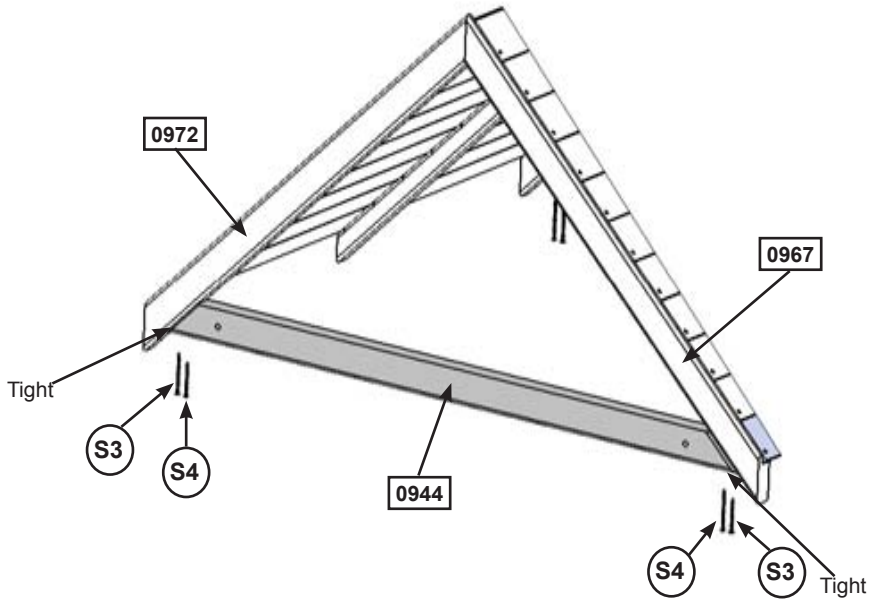
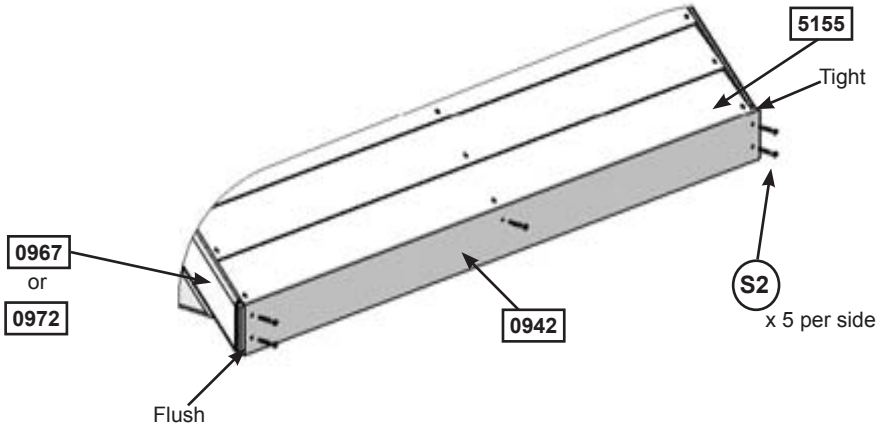


Fig. 6.5



Wood Parts

2 x 0944 Roof Side 2 x 3 x 49"
2 x 0942 Roof Fascia 1 x 4 x 48-1/2"

Hardware

10 x S2 #8 x 1-1/2" Wood Screw
4 x S3 #8 x 2-1/2" Wood Screw
4 x S4 #8 x 3" Wood Screw

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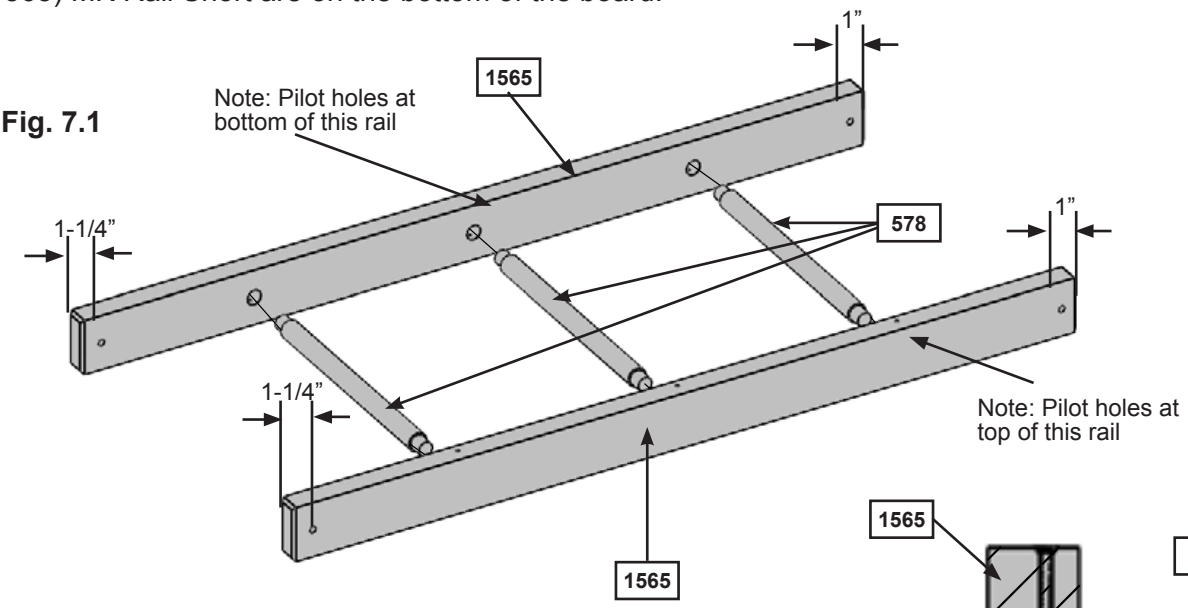
Step 7: Monkey Rail Assembly

Pre-drill all pilot holes using a 1/8" drill bit before installing Wood Screws.

A: Insert 3 (578) 1-1/8 x 15-7/8" Dowels into both (1565) MK Rail Shorts as shown in fig. 7.1. Note the pilot holes in one of the (1565) MK Rail Short are on the bottom of the board.

Fig. 7.1



B: Make sure shoulder of dowel is against each rail before pre-drilling pilot holes. Drill 1/8" pilot holes through the rails and into the dowels to prevent splitting. (fig. 7.2)

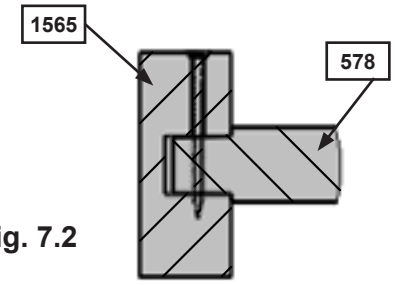
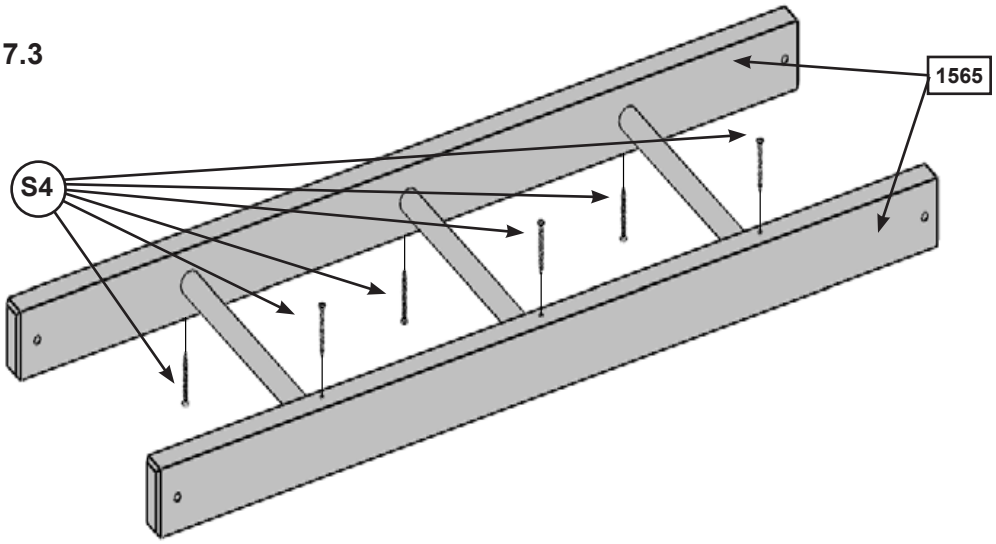


Fig. 7.2

Fig. 7.3



C: Attach (578) 1-1/8 x 15-7/8" Dowels to both rails with 2 (S4) #8 x 3" Wood Screws per dowel. (fig. 7.3)

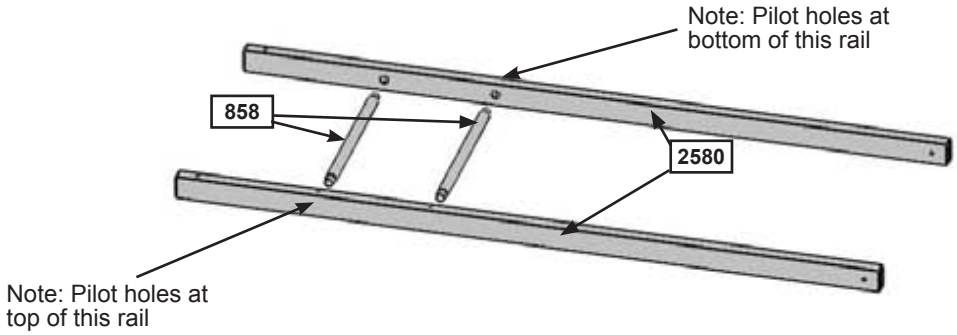
Wood Parts	Hardware
3 x [578] Tennon Dowel 1-1/8 x 15-7/8"	6 x (S4) #8 x 3" Wood Screw
2 x [1565] MK Rail Short 2 x 4 x 50"	

Step 8: Monkey Ladder Assembly

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

A: Insert 2 (858) 1-1/8 x 18-5/8" Dowels into 2 (2580) Post MK as shown in fig. 8.1.

Fig. 8.1



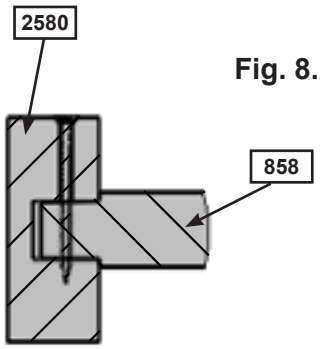


Fig. 8.2

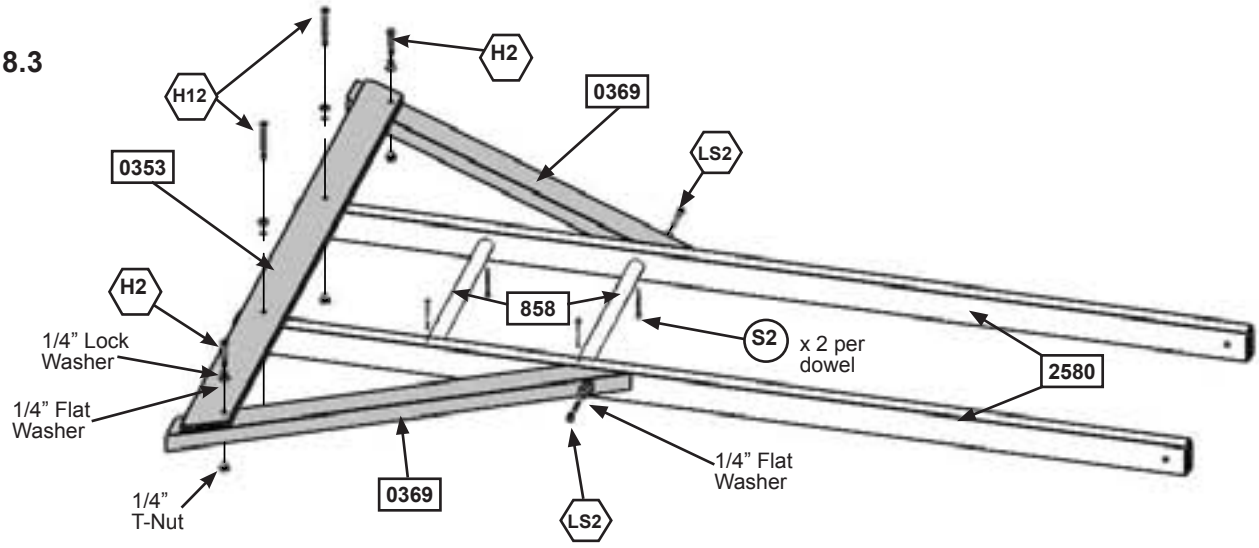
B: Make sure shoulder of dowel is against each post before pre-drilling pilot holes. Drill 1/8" pilot holes through the posts and into the dowel to prevent splitting. (fig. 8.2 and 8.3)

C: Attach (858) 1-1/8 x 18-5/8" Dowel to both posts with 2 (S2) #8 x 1-1/2" Wood Screws. Two screws are installed from top of the rails and the others from the bottom as shown in fig. 8.3.

D: At bottom of (2580) Post MKs attach (0353) MK Ground with 2 (H12) 1/4 x 3" Hex Bolts (with lock washer, flat washer and t-nut). **Be sure to keep the bolts loose.** (fig. 8.3)

E: Make sure the assembly is square and then attach 1 (0369) Lower Diagonal to each end of (0353) MK Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut), keeping the bolts loose, and to each (2580) MK Post with 1 (LS2) 1/4 x 2-1/2" Lag Screw (with flat washer). Once lag screws are installed tighten all bolts from Steps D & E. (fig. 8.3)

Fig. 8.3



Wood Parts

2 x	0369	Lower Diagonal 2 x 3 x 37"
1 x	0353	MK Ground 1 x 4 x 55-1/4"
2 x	2580	Post MK 2 x 3 x 85-7/16"
2 x	858	Tennon Dowel 1-1/8 x 18-5/8"

Hardware

2 x	H12	1/4 x 3" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
2 x	H2	1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
2 x	LS2	1/4 x 2-1/2" Lag Screw (1/4" flat washer)
4 x	S2	#8 x 1-1/2" Wood Screw

Step 9: Connect Monkey Bar Assemblies

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

A: Using a Monkey Bracket connect both (1565) MK Rail Shorts to each (2580) Post MK with 1 (G10) 5/16 x 3" Hex Bolt (with lock washer, flat washer and t-nut) and Monkey Bracket to the rails using 2 (S6) #12 x 1" Pan Screws per rail as shown in fig. 9.1 and 9.2. Be sure to attach the correct end, using the 1-1/4" measurement shown in fig. 9.2 as your guide.

B: Attach Monkey Bracket to both (2580) Post MKs with 2 (S6) #12 x 1" Pan Screws per bracket. (fig. 9.2)

Fig. 9.1

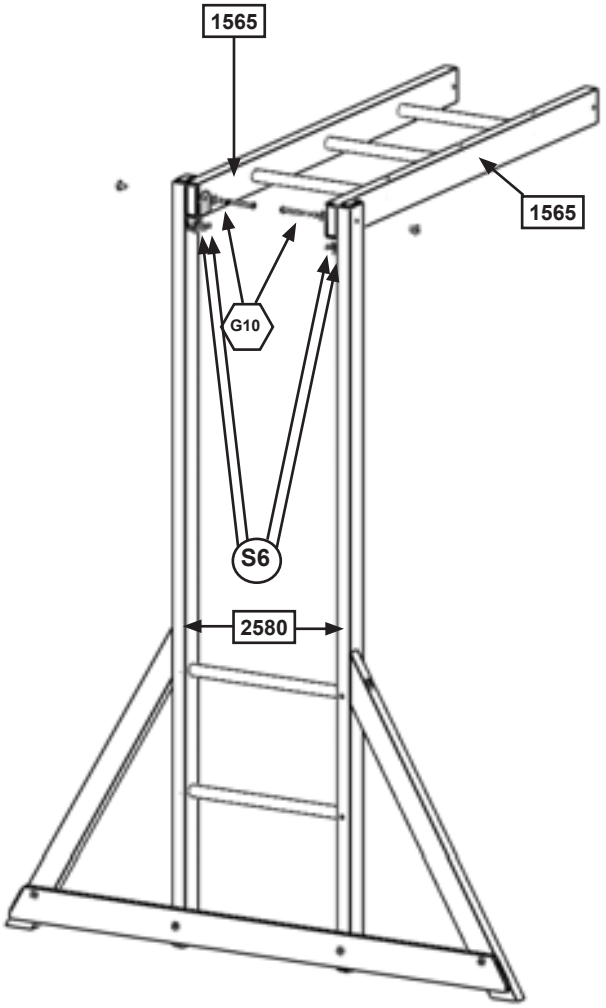
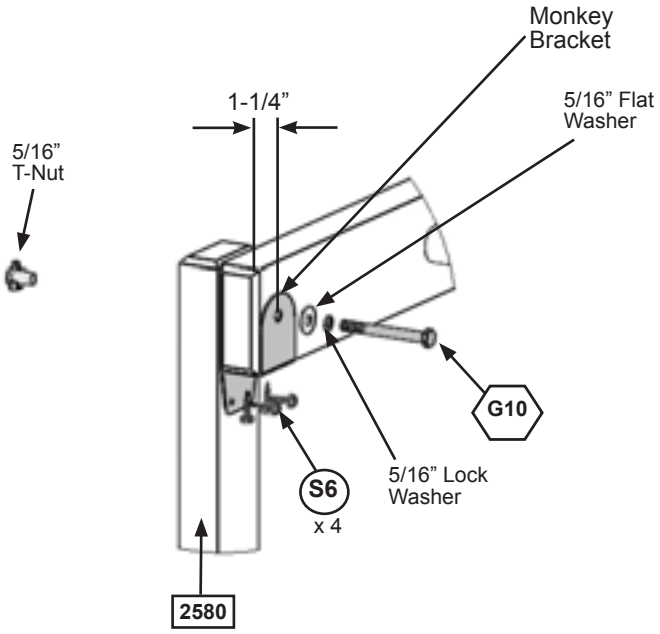


Fig. 9.2



Hardware

2 x G10 **5/16 x 3" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

8 x S6 **#12 x 1" Pan Screw**

Other Parts

2 x Monkey Bracket

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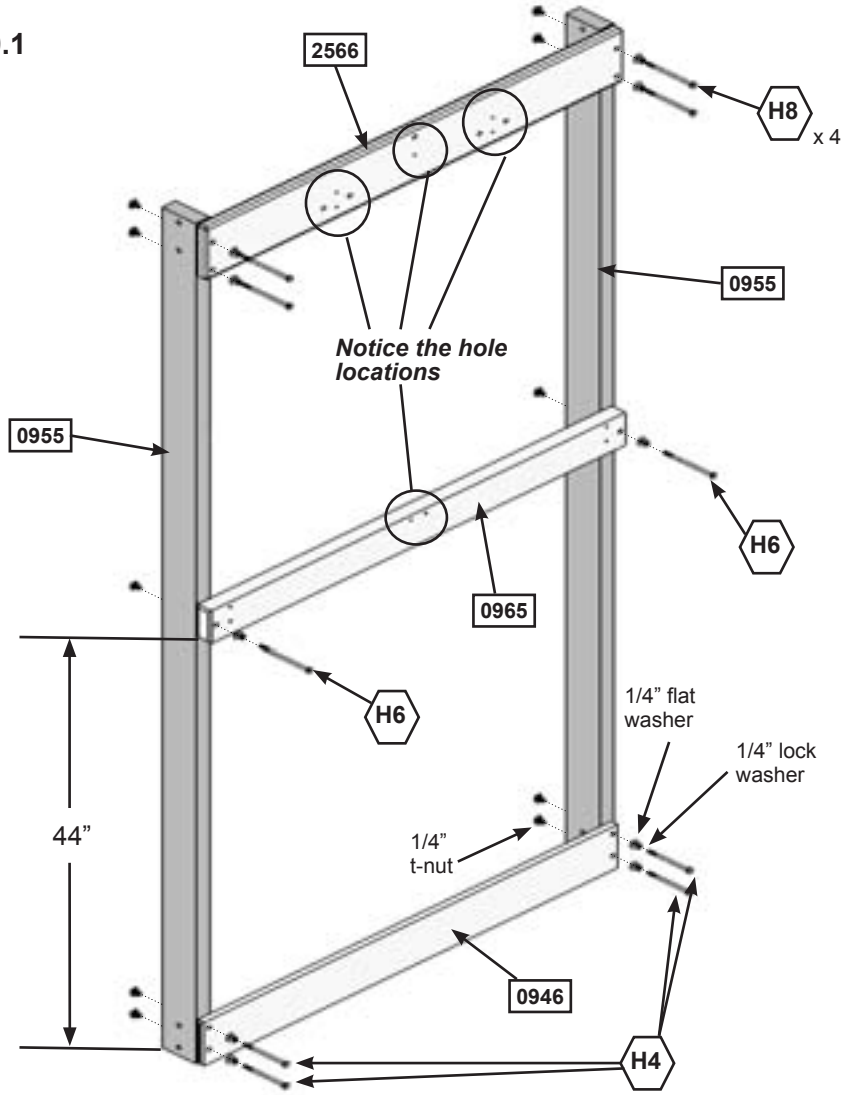
Step 10: Monkey Wall Assembly

A: On the ground lay 2 (0955) Long Posts on edge then loosely attach (0946) SL Ground with 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut); and (0965) SL Floor with 2 (H6) 1/4 x 4-3/4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 10.1. Maintain 44" from the bottom of (0955) Long Posts and the bottom of (0965) SL Floor. **Keep bolts loose.**

B: Make sure assembly is square and then fasten (2566) MK Top to (0955) Long Posts with 4 (H8) 1/4 x 4-1/4" Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts. (fig. 10.1)

Fig. 10.1



Wood Parts

- 2 x 0955 Long Post 2 x 4 x 87"
- 1 x 0946 SL Ground 1 x 5 x 41-1/2"
- 1 x 0965 SL Floor 2 x 4 x 41-1/2"
- 1 x 2566 MK Top 5/4 x 6 x 41-1/2"

Hardware

- 4 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H6 1/4 x 4-3/4" Hex Bolt (1/4" lock washer 1/4" flat washer, 1/4" t-nut)
- 4 x H8 1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

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Step 11: Middle Wall Assembly

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

A: On the ground lay on edge 2 (0945) Short Posts then loosely attach (0973) Inner Floor with 2 (H8) 1/4 x 4-1/4” Hex Bolts (with lock washer, flat washer and t-nut) and (0969) Middle Floor in the top holes with 2 (H4) 1/4 x 4” Hex Bolts (with lock washer, flat washer and t-nut) per board, as shown in fig. 11.1. **Keep bolts loose.**

B: Make sure assembly is square and then fasten (0969) Middle Floor to (0945) Short Posts with 2 (LS3) 1/4 x 3” Lag Screws (with flat washer). (fig. 11.2)

C: Tighten all bolts.

Fig. 11.1

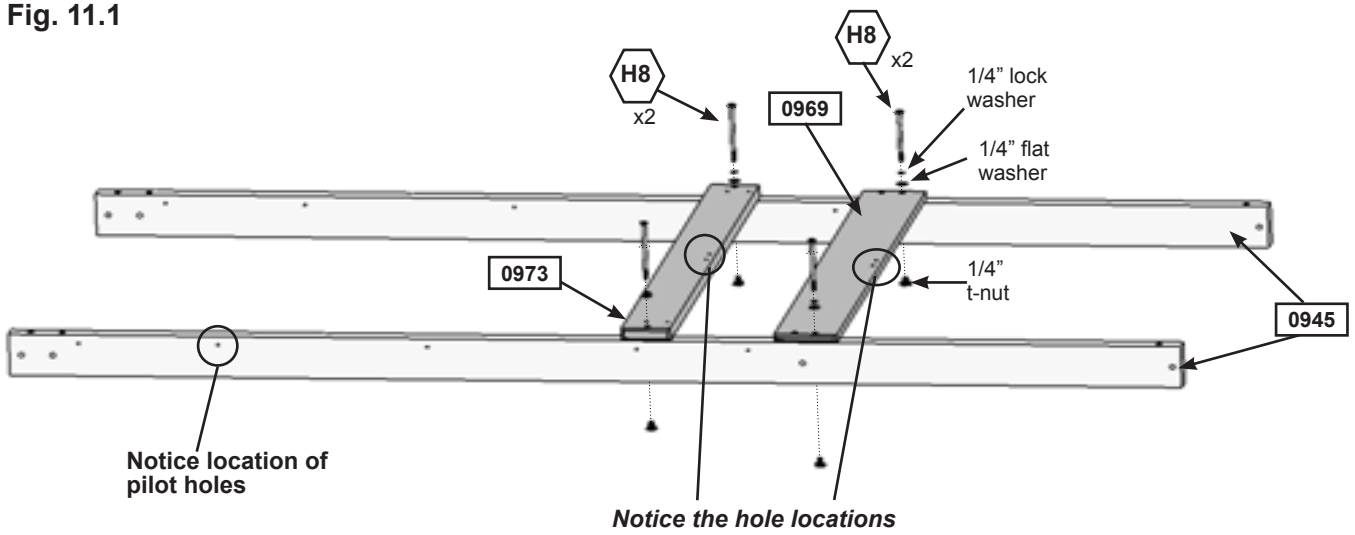
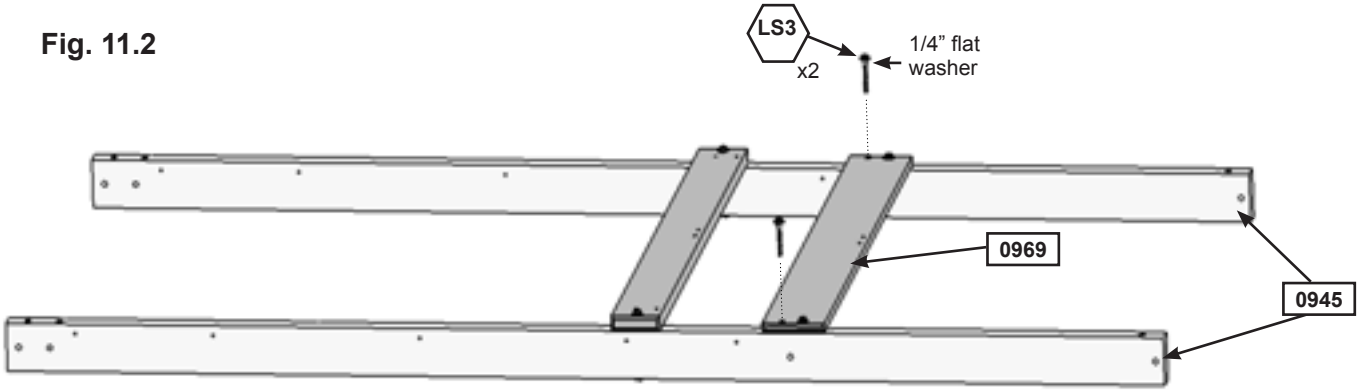


Fig. 11.2



Wood Parts

- 2 x 0945 Short Post 2 x 4 x 84”
- 1 x 0973 Inner Floor 5/4 x 4 x 41-1/2”
- 1 x 0969 Middle Floor 1 x 5 x 41-1/2”

Hardware

- 2 x H4 1/4 x 4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 2 x H8 1/4 x 4-1/4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 2 x LS3 1/4 x 3” Lag Screw (1/4” flat washer)

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Step 12: Swing Wall Assembly

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

A: On the ground lay on edge 2 (0945) Short Posts then loosely attach (0948) SW Ground with 4 (H4) 1/4 x 4” Hex Bolts (with lock washer, flat washer and t-nut) and (0437) SW Floor (in the bottom holes) with 2 (H8) 1/4 x 4-1/4” Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 12.1. Attach 1 5/16” T-nut to the centre hole in (0437) SW Floor. **Keep bolts loose.**

B: Attach 1 (0956) Lower Post flush to the bottom edge of each (0945) Short Post with 5 (S4) #8 x 3” Wood Screws per board as shown in fig 12.2. Attach each (0369) Lower Diagonal to (0948) SW Ground using 1 (H2) 1/4 x 2” Hex Bolt. Square the assembly then attach (0369) Lower Diagonal to each (0945) Short Post with 1 (LS3) 1/4 x 3” Lag Screw (with flat washer) per board. (fig 12.2)

C: Make sure assembly is square and then fasten (0437) Floor End to (0945) Short Posts with 2 (LS3) 1/4 x 3” Lag Screws (with flat washer). (fig. 12.2)

D: Tighten all bolts.

Fig. 12.1

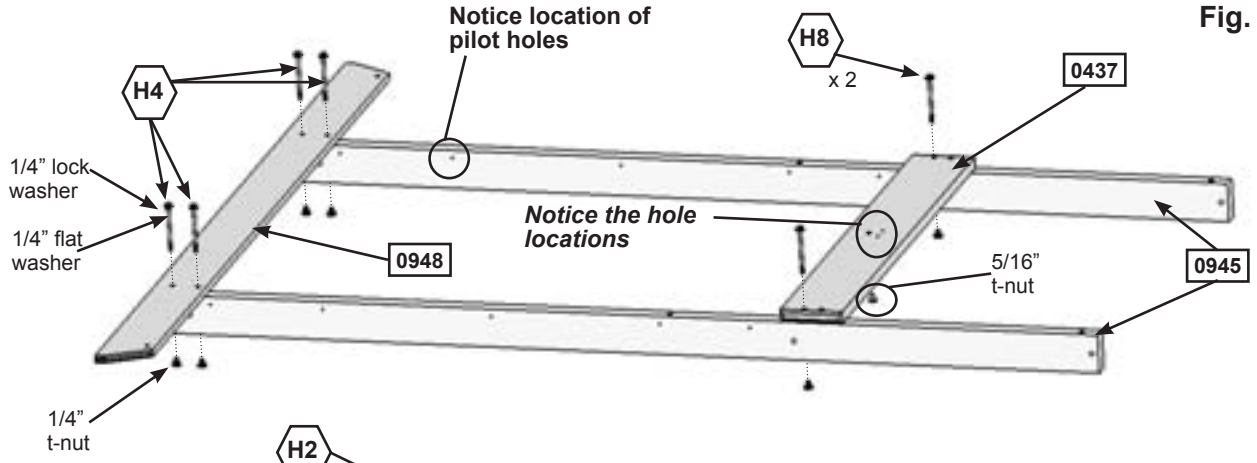
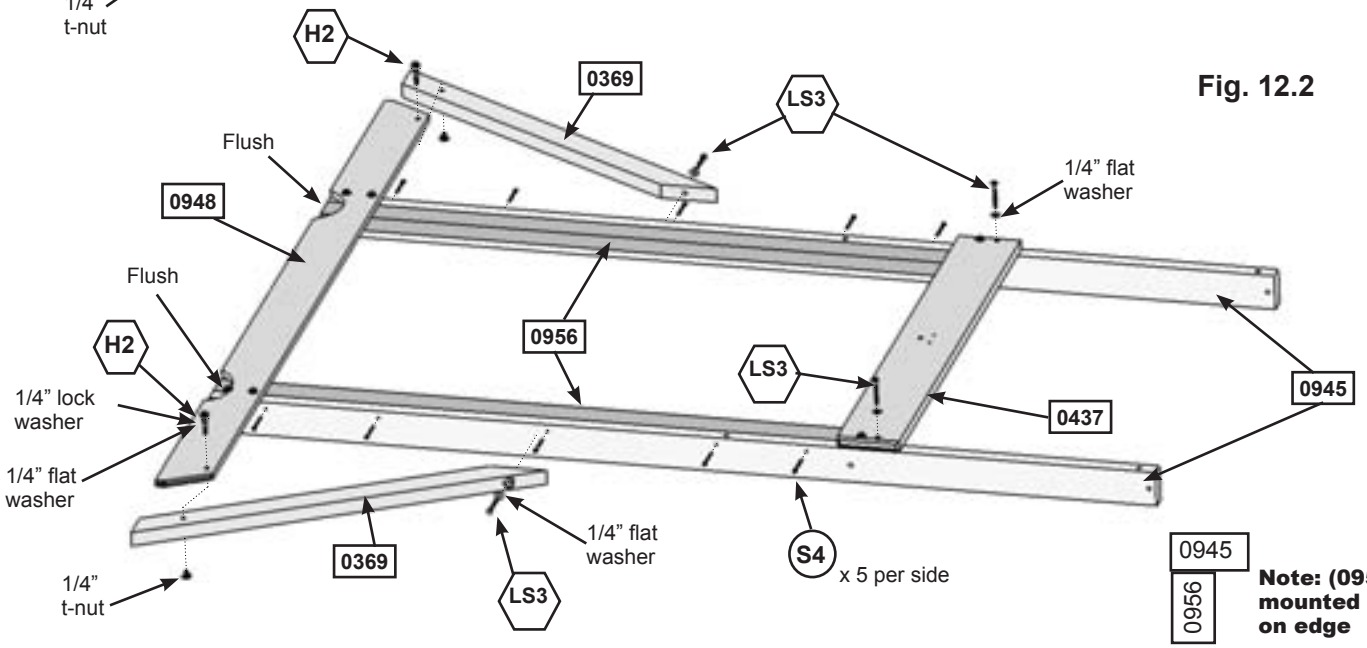


Fig. 12.2



Wood Parts

- 2 x 0945 Short Post 2 x 4 x 84”
- 1 x 0948 SW Ground 1 x 5 x 78”
- 1 x 0437 SW Floor 5/4 x 6 x 41-1/2”
- 2 x 0956 Lower Post 2 x 3 x 56”
- 2 x 0369 Lower Diagonal 2 x 3 x 37”

Hardware

- 2 x H8 1/4 x 4-1/4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 4 x H4 1/4 x 4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 2 x H2 1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 4 x LS3 1/4 x 3” Lag Screw (1/4” flat washer)
- 10 x S4 #8 x 3” Wood Screw
- 1 x 5/16” t-nut

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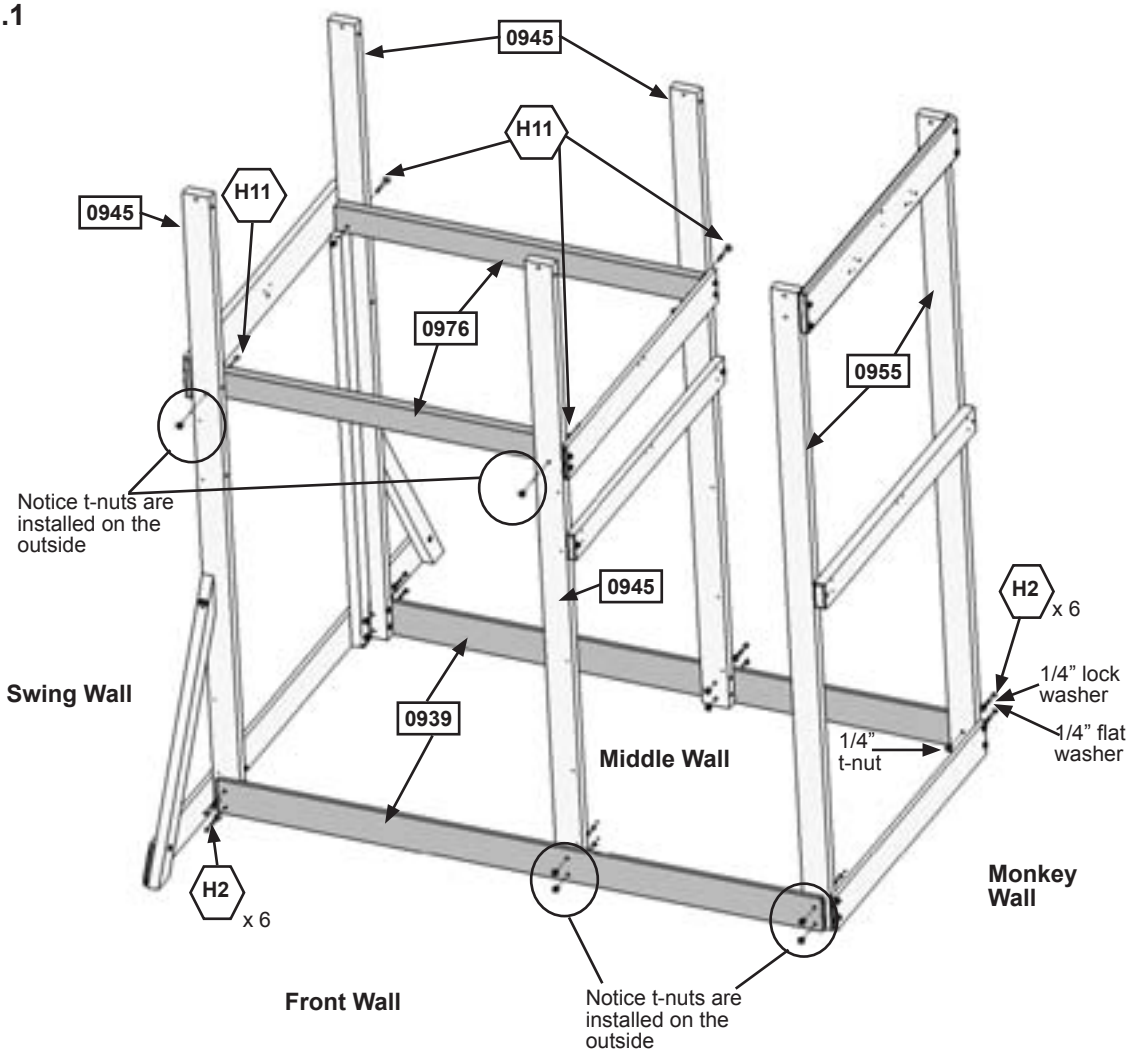
Step 13: Connect Wall Assemblies

A: With both the Swing Wall and Middle Walls facing each other loosely attach 1 (0976) Floor Front Back to the inside of both (0945) Short Posts from outside the assembly on the Back Wall and from inside the assembly on the Front Wall with 2 (H11) 1/4 x 2 3/4" Hex Bolts (with lock washer, flat washer and t-nut) per board.

B: Attach 1 (0939) Ground Front Back to the outside of each (0945) Short Post with 4 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per board, as shown in fig. 13.1. **Notice the bolts attaching the front (0939) Ground Front Back on the Middle Wall are attached from inside the assembly.**

C: With the Middle Wall and Monkey Wall facing each other loosely attach 1 (0939) Ground Front Back to the outside of each (0955) Long Post with 2 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per board as shown in fig. 13.1. **Notice the bolts attaching the (0939) to the (0955) Long Post on the Front Wall side are attached from inside the assembly.**

Fig. 13.1



Wood Parts

- 2 x 0939 **Ground Front Back 1 x 5 x 75-1/2"**
- 2 x 0976 **Floor Front Back 2 x 4 x 45-1/2"**

Hardware

- 12 x H2 **1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 4 x H11 **1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

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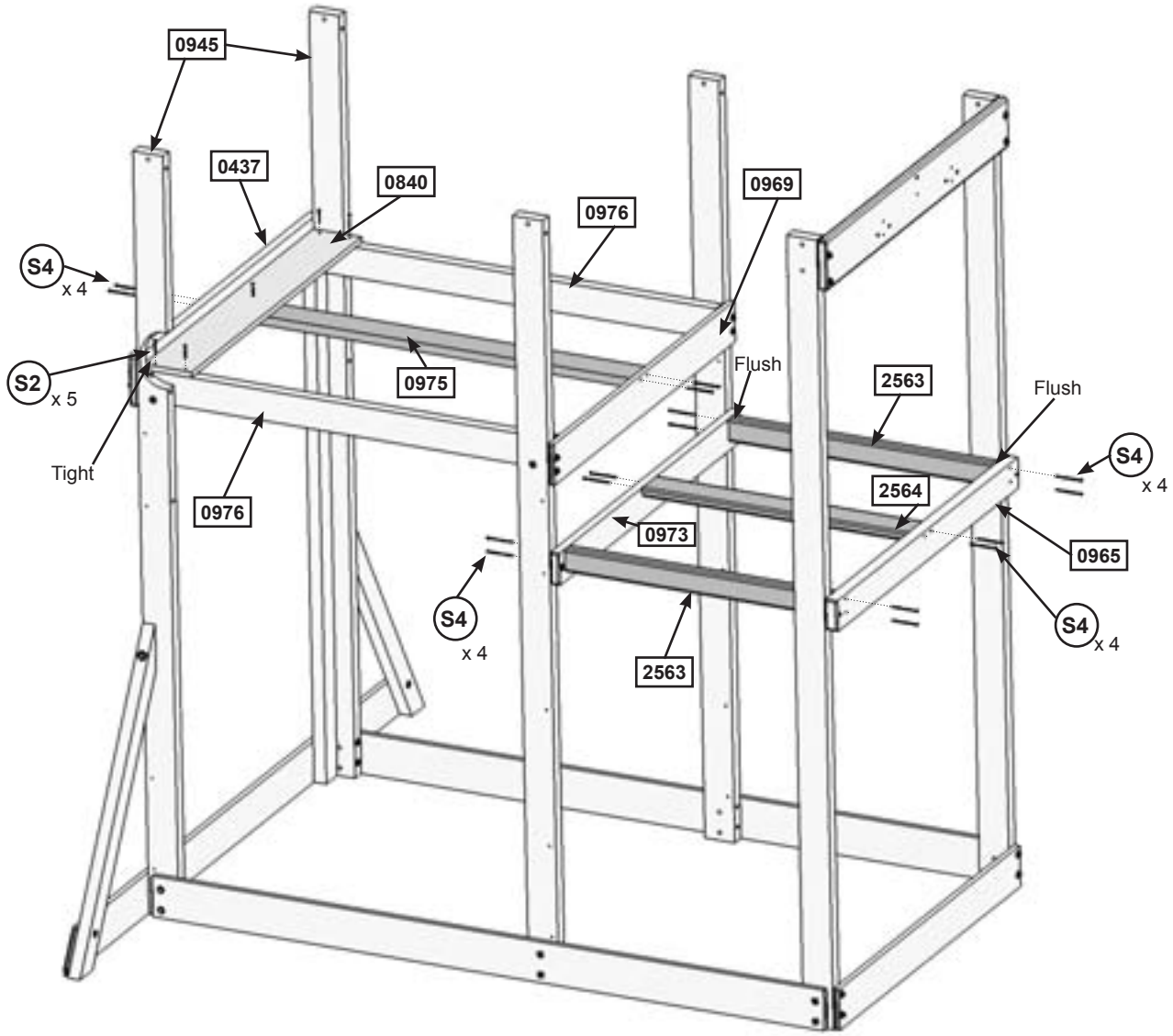
Step 14: Attach Floor Joists

A: Place 1 (0840) CE Gap Board on each (0976) Floor Front Back and tight to the inside of (0437) SW Floor and each (0945) Short Post then attach with 4 (S2) #8 x 1-1/2" Wood Screws as shown in fig 14.1.

B: Make sure the assembly is square then with an adult helper position (0975) Floor Joist flush with the bottom of (0840) CE Gap Board and attach to (0437) SW Floor and (0969) Middle Floor using 4 (S4) #8 x 3" Wood Screws as shown in fig.14.1. Attach (0840) CE Gap Board to (0975) Floor Joist with 1 (S2) #8 x 1-1/2" Wood Screw. (fig. 14.1)

C: With an adult helper attach 1 (2564) Center Floor Joist and 2 (2563) Joists flush to the tops of (0965) SL Floor and (0973) Inner Floor with 4 (S4) #8 x 3" Wood Screws per board. (fig. 14.1)

Fig. 14.1



Wood Parts

1 x 0840 CE Gap Board 1 x 6 x 38-34"
1 x 0975 Floor Joist 5/4 x 4 x 46"
1 x 2564 Center Floor Joist 5/4 x 4 x 29-34"
2 x 2563 Joist 2 x 3 x 29-3/4"

Hardware

5 x (S2) #8 x 1-1/2" Wood Screw
16 x (S4) #8 x 3" Wood Screw

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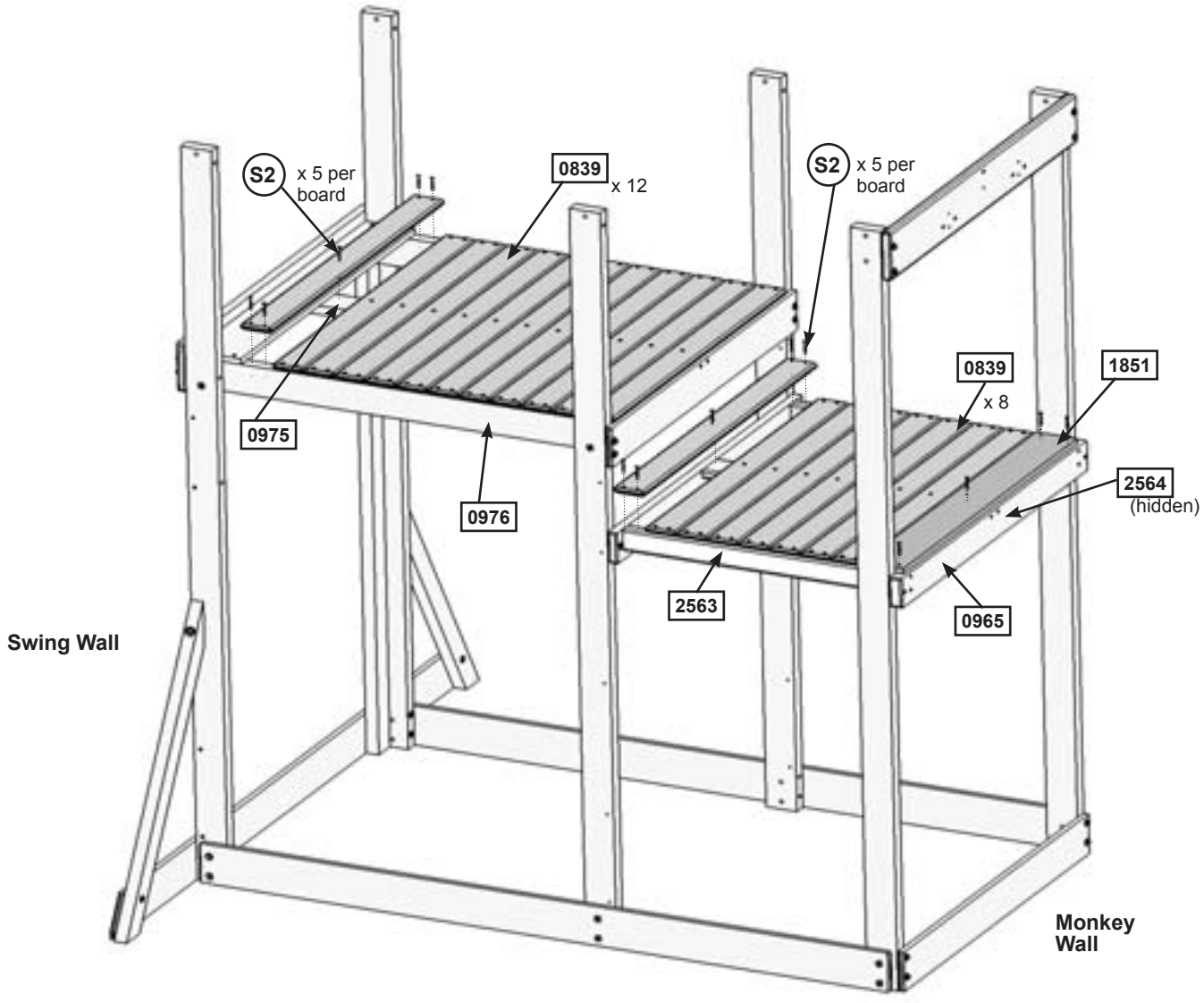
Step 15: Attach Floor Boards

A: On the upper deck starting on the Swing Wall side place 12 (0839) CE Gap Boards on (0975) Floor Joist and both (0976) Floor Front Backs. Ensure all boards are evenly spaced and attach with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig 15.1)

B: On the lower deck starting on the Monkey Wall side place 1 (1851) Cedar Floor Board flush to the outside edge of (0965) SL Floor followed by 8 (0839) CE Gap Boards as shown in fig 15.1. Ensure boards are evenly spaced and attach to each (2563) Joist and (2564) Centre Floor Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 15.1)

Fig. 15.1



Wood Parts

1 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"
20 x 0839 CE Gap Boards 1 x 4 x 38-3/4"

Hardware

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

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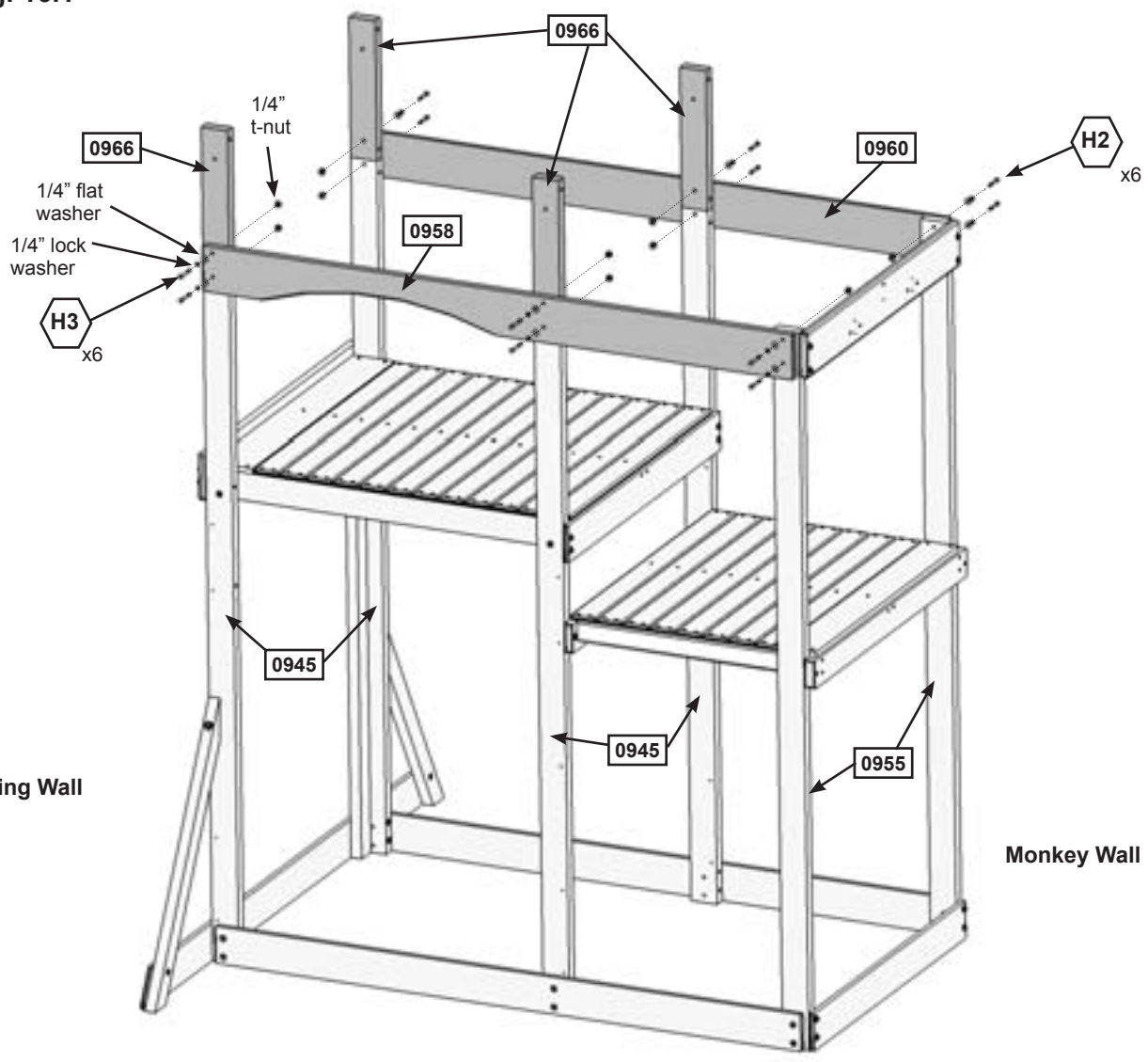
Step 16: Attach Roof Blocks

A: Attach (0958) Wall Front using 3 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes to (0955) Long Post and both (0945) Short Posts. Place 1 (0966) Roof Block on each (0945) Short Post and attach (0958) Wall Front to each (0966) Roof Block and (0955) Long Post with 3 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut) in the top holes. (fig. 16.1)

B: Attach (0960) Wall Back using 3 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes to (0955) Long Post and both (0945) Short Posts. Place 1 (0966) Roof Block on each (0945) Short Post and attach (0960) Wall Back to each (0966) Roof Block and (0955) Long Post using 3 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the top holes. (fig.16.1)

Fig. 16.1



Wood Parts

- 4 x 0966 **Roof Block 2 x 4 x 17”**
- 1 x 0958 **Wall Front 5/4 x 6 x 76”**
- 1 x 0960 **Wall Back 1 x 6 x 76”**

Hardware

- 6 x H3 **1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**
- 6 x H2 **1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**

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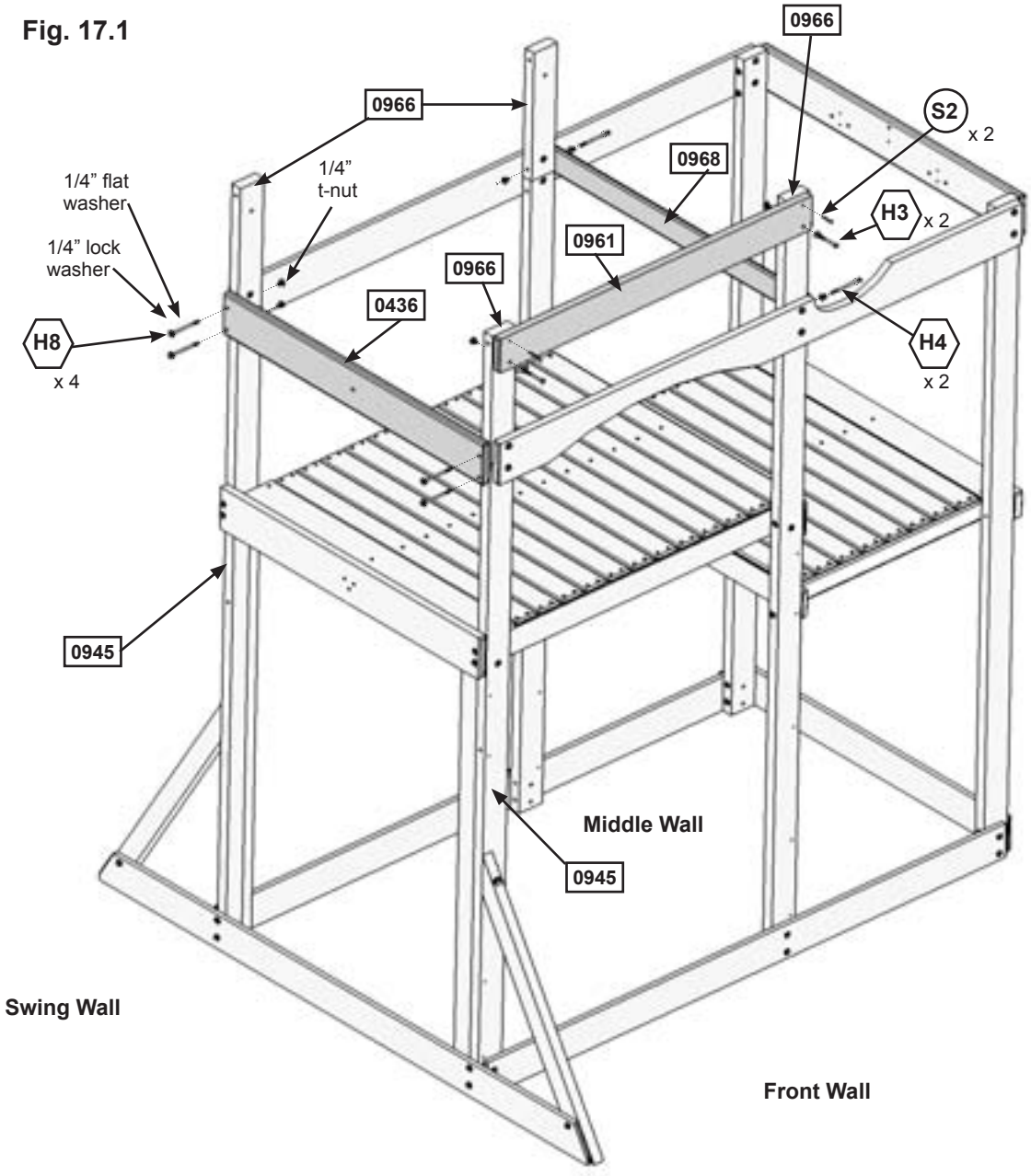
Step 17: Attach Top Boards

A: On the Swing Wall attach (0436) SW Top to the outside of (0945) Short Post and (0966) Roof Block using 4 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) as shown in fig. 17.1.

B: Attach (0968) Middle Top to the outside of each (0966) Roof Block on the Middle Wall with 2 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut). (fig 17.1)

C: On the Front Wall Side attach (0961) Top Front to the outside of (0966) Roof Blocks using 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nut) and 2 (S2) #8 x 1-1/2" Wood Screws. (fig 17.1)

Fig. 17.1



Wood Parts

- 1 x 0436 SW Top 5/4 x 6 x 41-1/2"
- 1 x 0968 Middle Top 1 x 4 x 41-1/2"
- 1 x 0961 Top Front 5/4 x 5 x 45-1/2"

Hardware

- 2 x H3 1/4 x 2-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x H8 1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x S2 #8 x 1-1/2" Wood Screw

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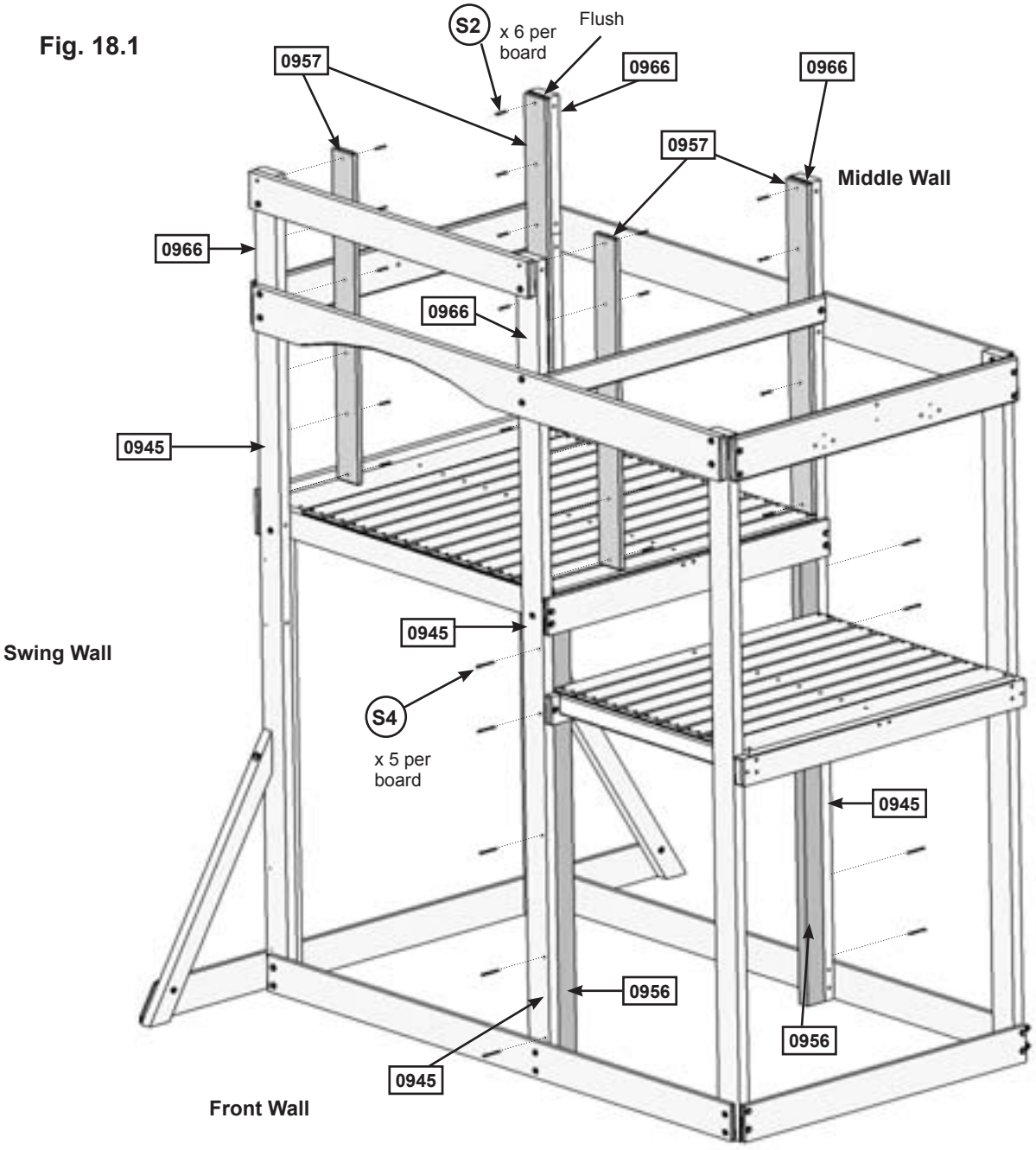
Step 18: Attach Post Supports

A: Attach 1 (0956) Lower Post to the inside of each (0945) Short Post of the Middle Wall with 5 (S4) #8 x 3" Wood Screws per board. (fig.18.1)

B: Attach 1 (0957) Post Support to the inside and flush to the top of each (0945) Short Post and (0966) Roof Block using 6 (S2) #8 x 1-1/2" Wood Screws per board as shown in fig. 18.1.

Fig. 18.1



Wood Parts

4 x 0957 Post Support 1 x 4 x 41"
2 x 0956 Lower Post 2 x 3 x 56"

Hardware

24 x S2 #8 x 1-1/2" Wood Screw
10 x S4 #8 x 3" Wood Screw

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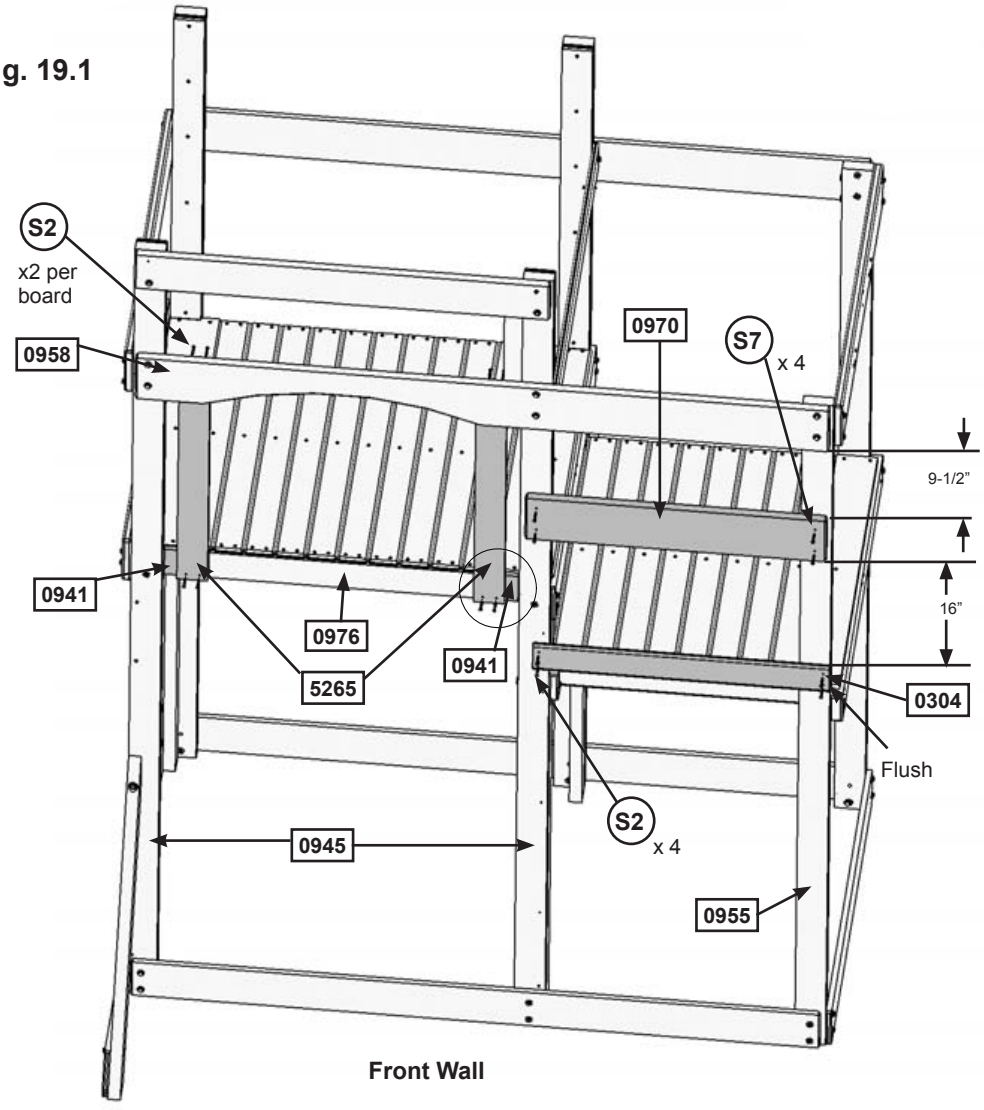
Step 19: Front Wall Assembly
Part 1

A: Measure 9-1/2” down from the bottom of (0958) Wall Front and attach (0970) Lower Wall to (0955) Long Post and (0945) Short Post with 4 (S7) #12 x 2” Pan Screws. Make sure (0970) Lower Wall is centred in the opening as shown in fig 19.1.

B: 16” down from the bottom edge of (0970) Lower Wall and flush to the outside edge of (0955) Long Post attach (0304) CE Floor Board to (0945) Short Post and (0955) Long Post with 4 (S2) #8 x 1-1/2” Wood Screws. (fig 19.1)

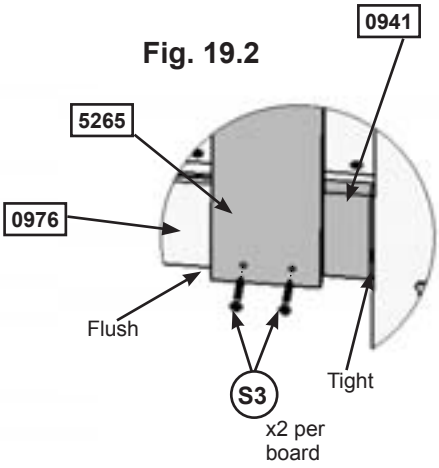
C: Place 1 (0941) Rock Wall Block flush to the bottom of (0976) Floor Front Back and tight to the inside edge of each (0945) Short Post as shown in fig. 19.1 & 19.2. Place 1 (5265) Cedar Wall flush to the outside edge of each (0941) Rock Wall Block and attach to (0941) Rock Wall Block and (0976) Floor Front Back using 2 (S3) #8 x 2 1/2” Wood Screws per board and to the inner face of (0958) Wall Front with 2 (S2) #8 x 1-1/2” Wood Screws per board. (fig 19.1 and 19.2).

Fig. 19.1



Front Wall

Fig. 19.2



Wood Parts

- 2 x 5265 Cedar Wall 1 x 4 x 28”
- 1 x 0970 Lower Wall 5/4 x 6 x 33”
- 2 x 0941 Rock Wall Block 1 x 4 x 5”
- 1 x 0304 CE Floor Board 1 x 4 x 32 1/2”

Hardware

- 8 x S2 #8 x 1-1/2” Wood Screw
- 4 x S3 #8 x 2-1/2” Wood Screw
- 4 x S7 #12 x 2” Pan Screw

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Step 19: Front Wall Assembly
Part 2

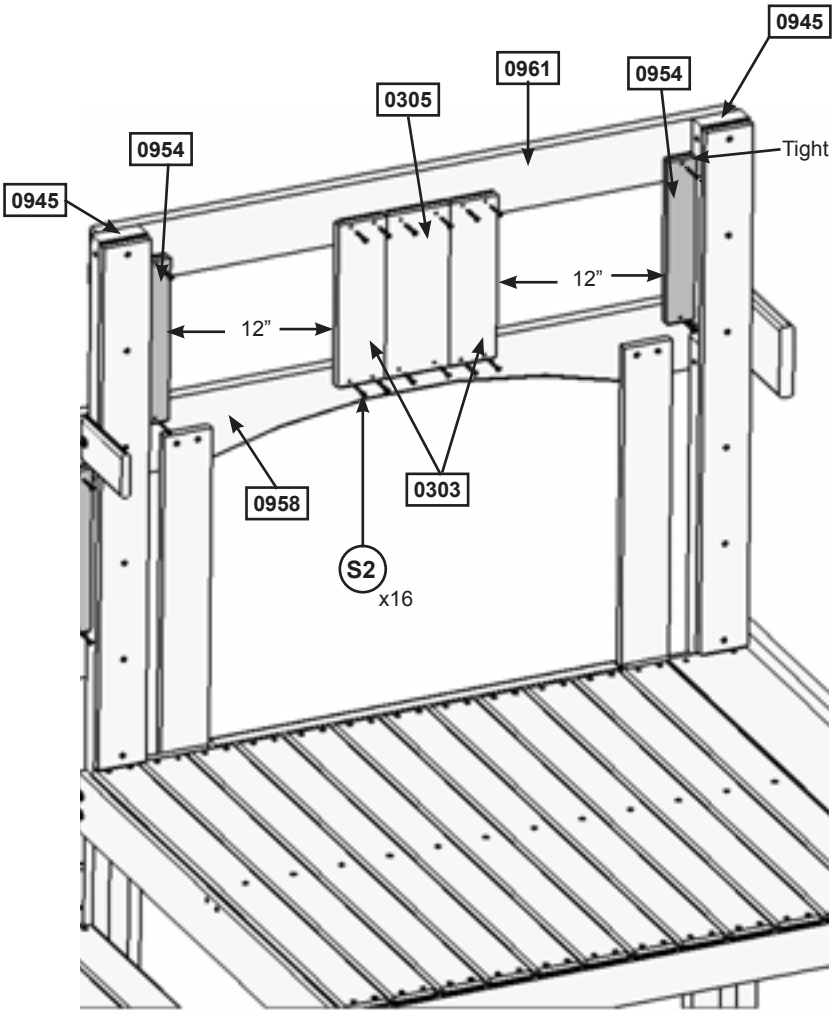
D: Centred between (0961) Top Front and (0958) Wall Front and tight to the inside edge of each (0945) Short Post attach 1 (0954) Window Gap with 2 (S2) #8 x 1-1/2” Wood Screws per board. (fig 19.3)

E: Measure 12” from the outside edge of each (0954) Window Gap and attach 1 (0303) CE Wall Board with the beveled edge towards the top and centred in the opening using 4 (S2) #8 x 1-1/2” Wood Screws per board. (fig. 19.3)

F: In between both (0303) CE Wall Boards attach (0305) CE Wall Board with the beveled edge towards the top using 4 (S2) #8 x 1-1/2” Wood Screws as shown in fig. 19.3.

Fig. 19.3

Inside View



Wood Parts		Hardware
2 x 0954 Window Gap 1 x 2-1/2 x 13”		16 x S2 #8 x 1-1/2” Wood Screw
2 x 0303 CE Wall Board 1 x 4 x 13”		
1 x 0305 CE Wall Board 1 x 5 x 13”		

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Step 19: Front Wall Assembly
Part 3

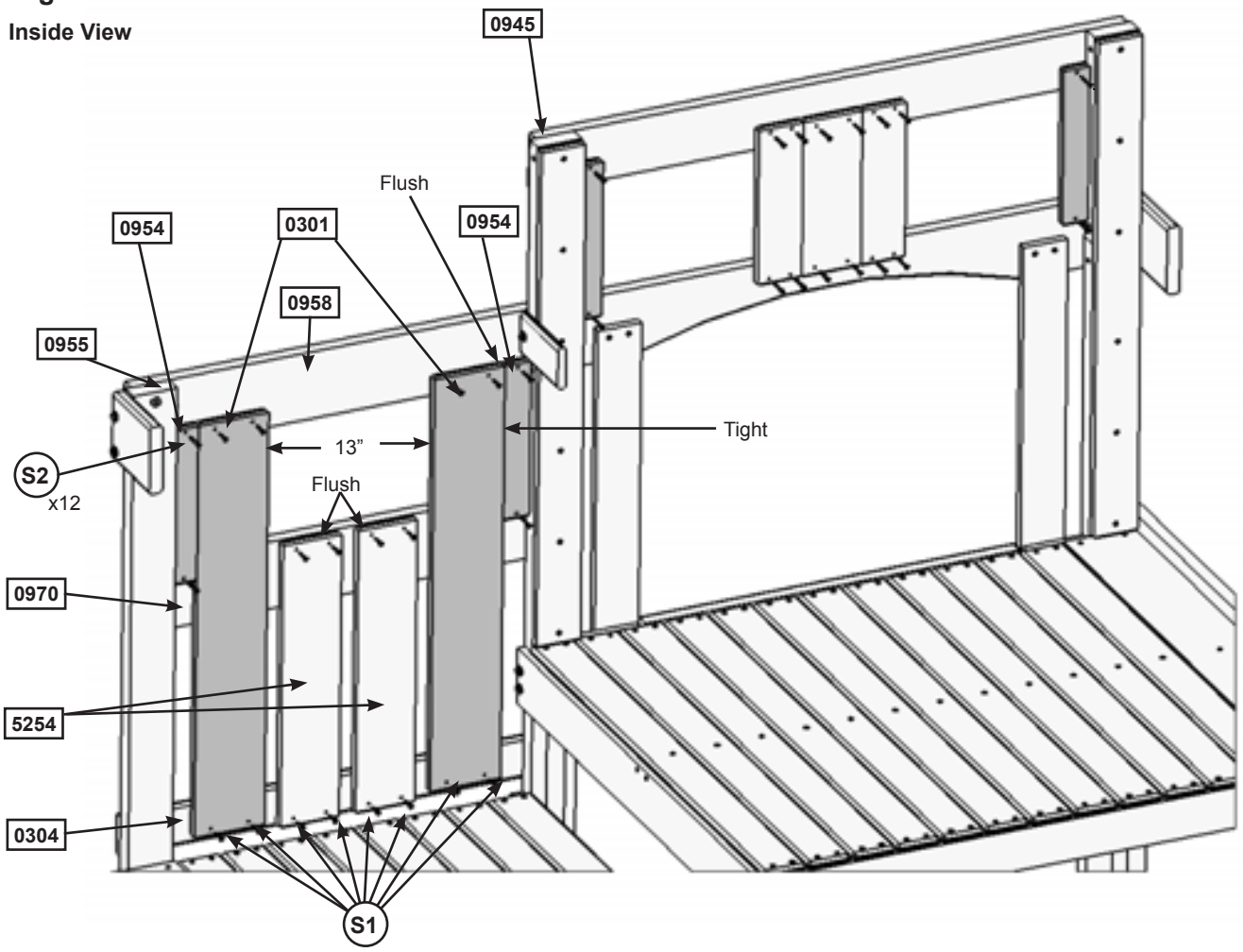
G: Centred between (0958) Wall Front and (0970) Lower Wall and tight to the inside edge of (0945) Short Post and (0955) Long Post attach 1 (0954) Window Gap with 2 (S2) #8 x 1-1/2” Wood Screws per board. (fig 19.4)

H: Tight to the outside edge and flush to the top of each (0954) Window Gap attach 1 (0301) Cedar Wall Board with beveled edge towards the top to (0958) Wall Front with 2 (S2) #8 x 1-1/2” Wood Screws and (0304) CE Floor Board with 2 (S1) #8 x 1-1/8” Wood Screws per board. Ensure the distance between both (0301) Cedar Wall boards is 13” as shown in fig. 19.4.

I: Evenly spaced between each (0301) Cedar Wall Board and flush to the top of (0970) Lower Wall attach 2 (5254) CE Wall Boards with beveled edge towards the top to (0970) Lower Wall with 2 (S2) #8 x 1-1/2” Wood Screws and (0304) CE Floor Board with 2 (S1) #8 x 1-1/8” Wood Screws. (fig 19.4)

Fig. 19.4

Inside View



Wood Parts

- 2 x 0954 Window Gap 1 x 2-1/2 x 13”
- 2 x 0301 Cedar Wall Board 1 x 6 x 34-1/4”
- 2 x 5254 CE Wall Board 1 x 5 x 23-1/2”

Hardware

- 12 x S2 #8 x 1-1/2” Wood Screw
- 8 x S1 #8 x 1-1/8” Wood Screw

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Step 19: Front Wall Assembly
Part 4

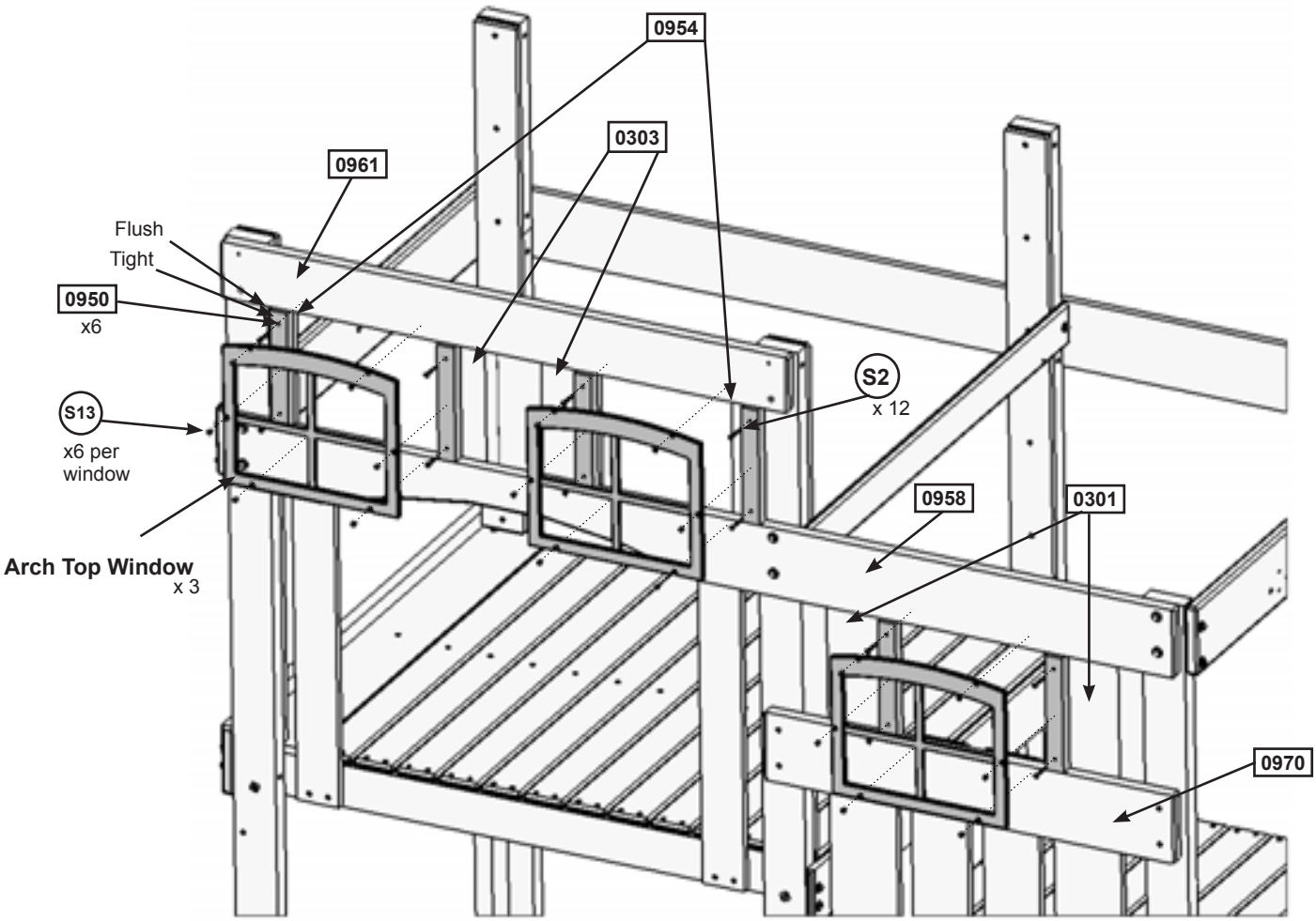
J: Attach 1 (0950) Window Brace to the inside edge of each (0954) Window Gap, (0303) CE Wall Board and (0301) Cedar Wall Board using 2 (S2) # 8 x 1-1/2" Wood Screws per board as shown in fig. 19.5.

K: Place 2 Arch Top Windows in the outside window gaps between (0961) Top Front and (0958) Wall Front and attach to (0950) Window Braces, (0961) Top Front and (0958) Wall Front with 6 (S13) # 6 x 5/8" Pan Screws per window. (fig. 19.5)

L: Place 1 Arch Top Window in the outside window gaps between (0958) Wall Front and (0970) Lower Wall and attach to (0950) Window Braces, (0958) Wall Front and (0970) Lower Wall with 6 (S13) #6 x 5/8" Pan Screws. (fig 19.5)

Fig. 19.5

Outside View



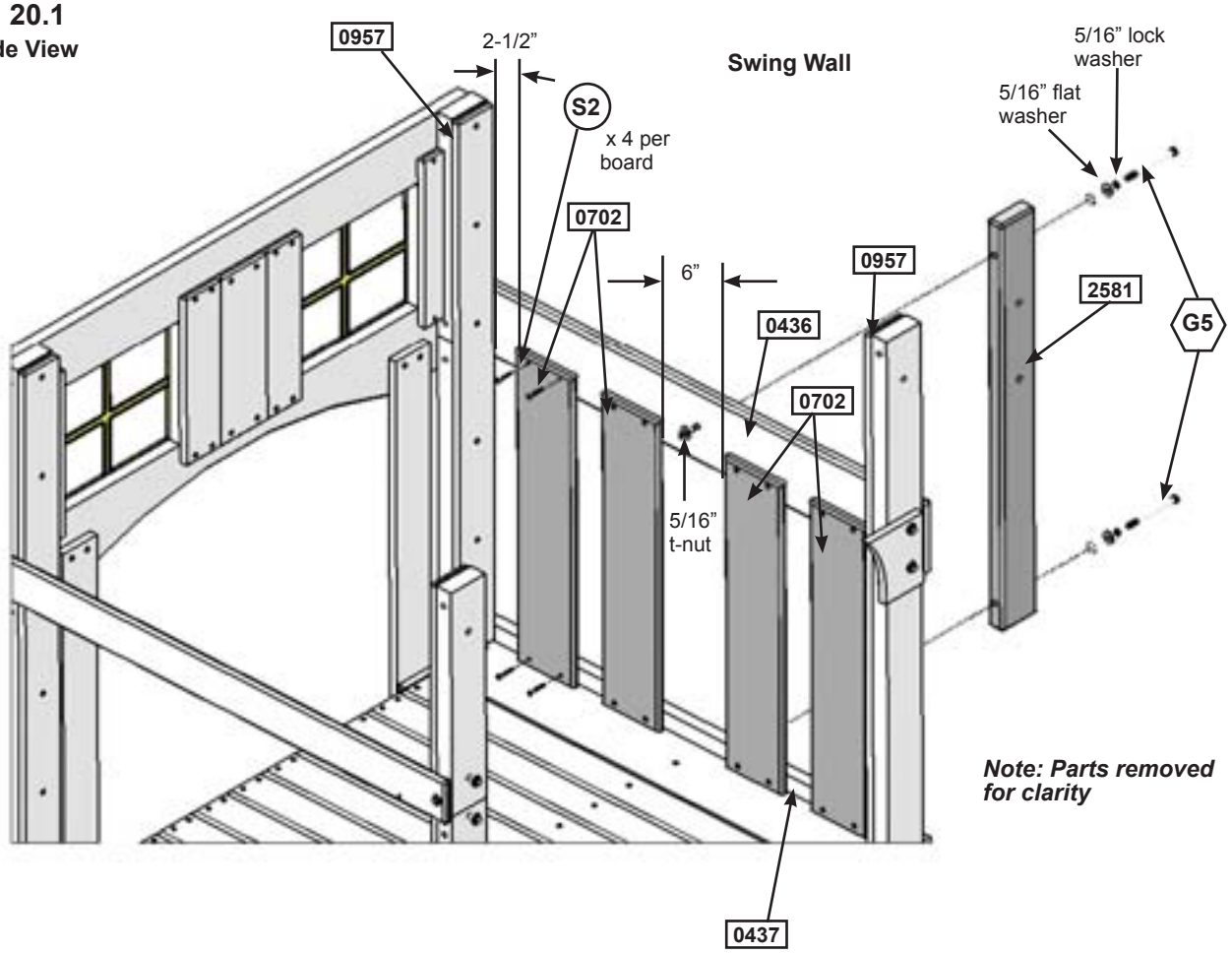
Wood Parts	Hardware	Other Parts
6 x 0950 Window Brace 5/4 x 2 x 9-1/4"	12 x S2 #8 x 1-1/2" Wood Screw	3 x Arch Top Window
	18 x S13 #6 x 5/8" Pan Screw	

Step 20: Swing and Back Wall Assembly
Part 1

A: On the Swing Wall attach (2581) Wall Mount to (0436) SW Top and (0437) SW Floor using 2 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and 1 t-nut, other t-nut is previously installed) as shown in fig. 20.1.

B: Measure 2-1/2" from the inside edge of each (0957) Post Support and place 1 (0702) CE Wall Board. Measure 2-1/2" from the outter edge of each (0702) Wall Board and place 2 (0702) Wall Boards. Make sure the distance between the middle 2 (0702) Wall Boards is 6" and the spacing between other wall boards does not exceed 2-1/2". Attach all (0702) Wall Boards to (0436) SW Top and (0437) SW Floor with 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 20.1)

Fig. 20.1
Inside View



Wood Parts

1 x 2581 **Wall Mount 2 x 4 x 31"**
4 x 0702 **CE Wall Boards 1 x 6 x 23 1/2"**

Hardware

2 x G5 **5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
16 x S2 **#8 x 1-1/2" Wood Screw**

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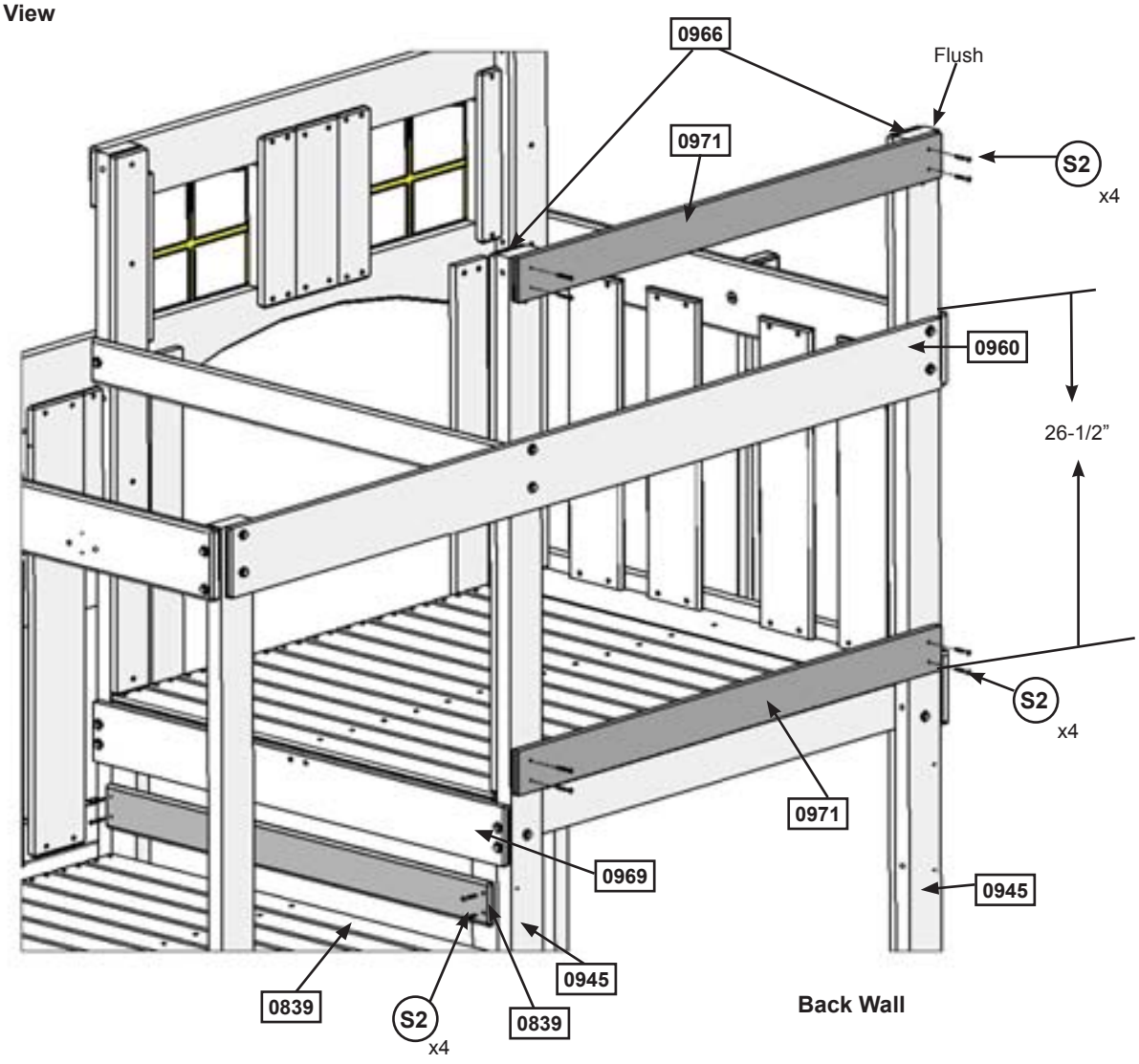
Step 20: Swing and Back Wall Assembly Part 2

C: Flush to the top of both (0966) Roof Blocks attach 1 (0971) Lower Chalkwall with 4 (S2) #8 x 1-1/2” Wood Screws as shown in fig. 20.2. 26-1/2” down from the top of (0960) Wall Back place the bottom of 1 (0971) Lower Chalkwall and attach to both (0945) Short Posts with 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 20.2)

D: Centered between (0969) Middle Floor and the top of (0839) CE Gap Board attach 1 (0839) CE Gap Board using 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 20.2)

Fig. 20.2
Outside View



Wood Parts

2 x 0971 Lower Chalkwall 1 x 4 x 45-1/2”
1 x 0839 CE Gap Board 1 x 4 x 38-3/4”

Hardware

12 x S2 #8 x 1-1/2” Wood Screw

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Step 21: Chalk Wall Assembly

A: Center the Chalk Wall between both (0945) Short Posts and attach to (0960) Wall Back with 4 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 21.1. Measure 3" from the inside of each (0945) Short Post and attach 1 (8039) Wall Board with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig 21.1)

B: Wrap the bottom of the Chalk Wall around the back of (0971) Lower Chalkwall and attach to (0960) Wall Back and each (8039) Wall Board with 8 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 21.2.

Fig. 21.1
Inside View

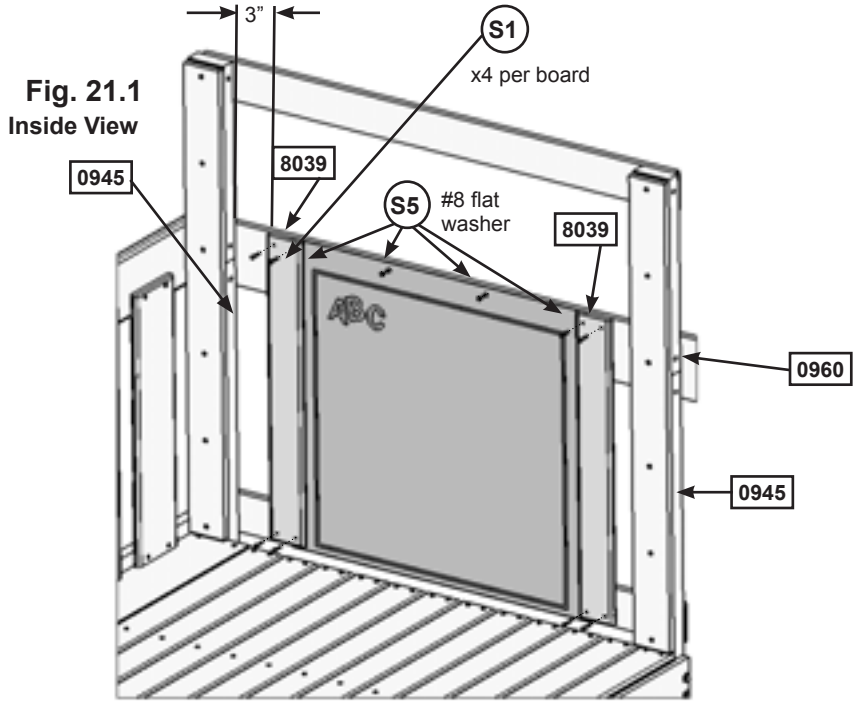
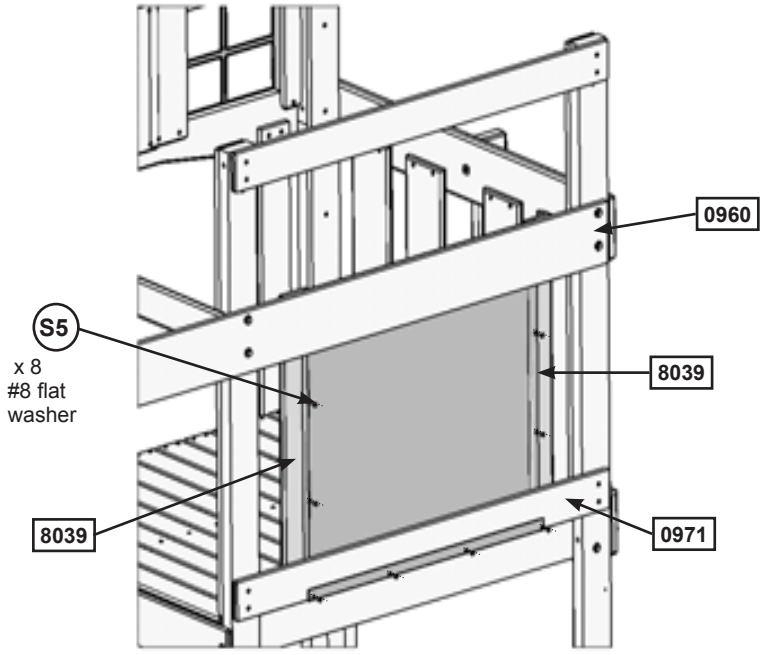


Fig. 21.2
Outside View



Wood Parts

2 x 8039 Wall Board 1 x 4 x 26-1/2"

Hardware

8 x S1 #8 x 1-1/8" Wood Screw

12 x S5 #8 x 1/2" Pan Screw (#8 flat washer)

Other Parts

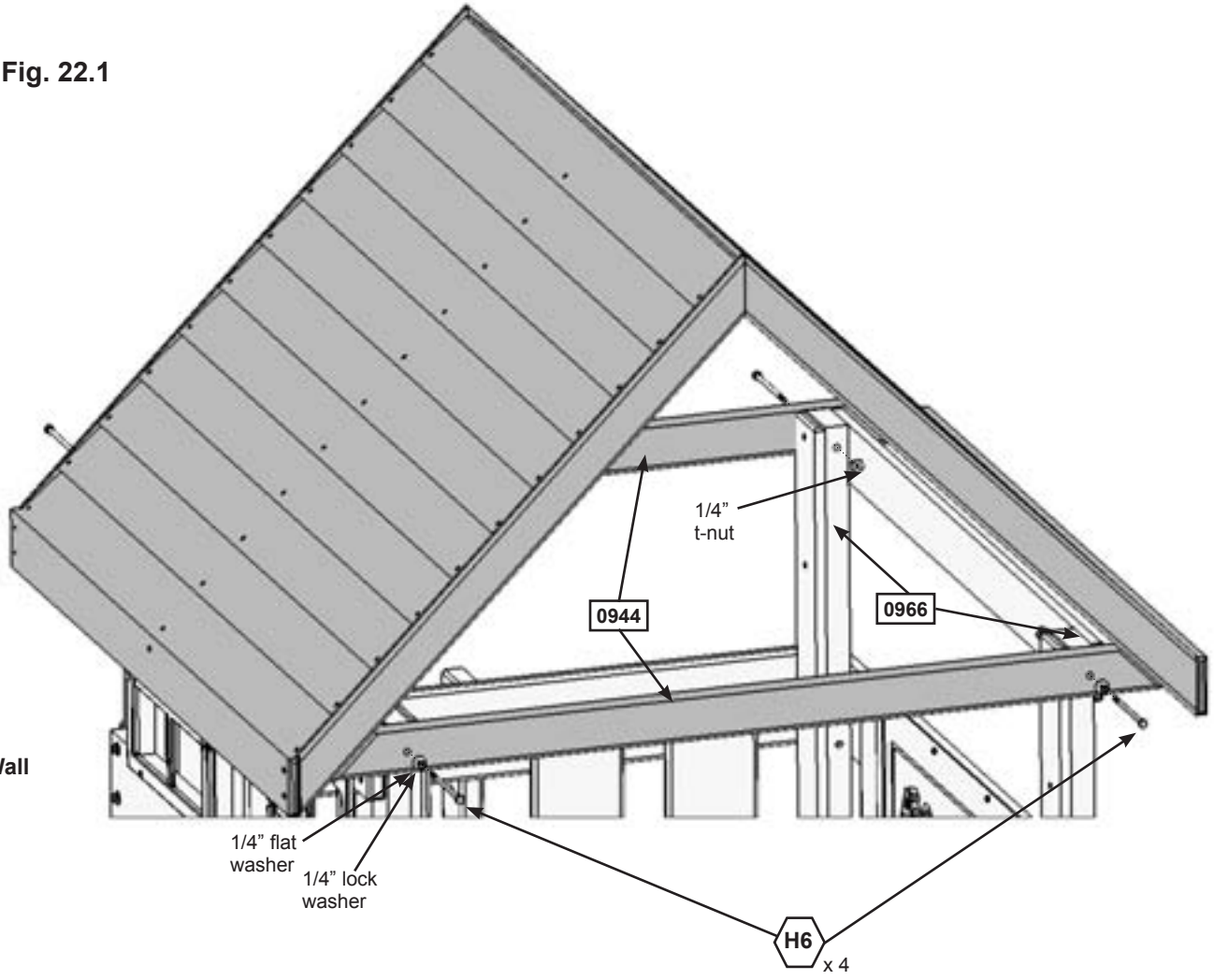
1 x Chalk Wall

Step 22: Attach Roof
Part 1

A: With at least 1 adult helper place the Roof Assembly from Step 6 at each (0966) Roof Block as shown in fig. 22.1.

B: Attach (0944) Roof Side to each (0966) Roof Block with 1 (H6) 1/4 x 4-3/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 22.1)

Fig. 22.1



Hardware

4 x (H6) 1/4 x 4-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

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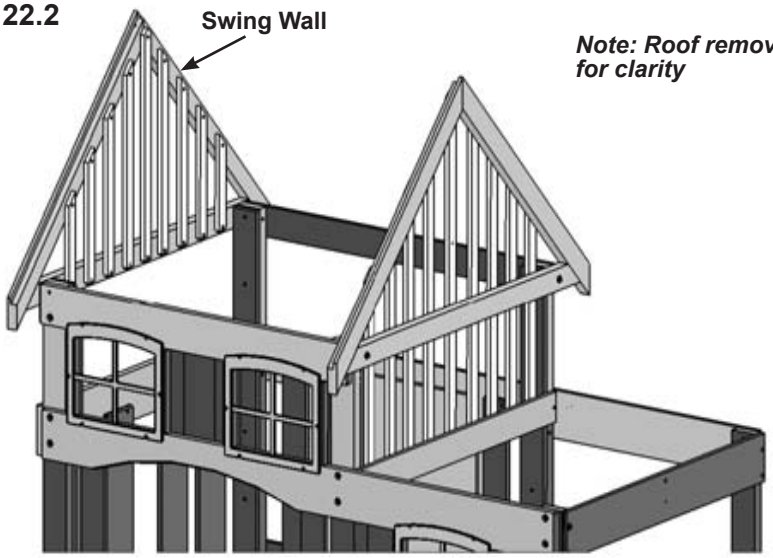
Step 22: Attach Roof
Part 2

C: On the Swing Wall side, attach 1 (0934) Roof Picket 26” centred on (0944) Roof Side and centred to the peak of the Roof Joist Assembly with 2 (S2) #8 x 1-1/2” Wood Screws. (fig. 22.3)

D: Starting on the right side of (0934) Roof Picket 26”, measure 2-5/8” and attach 1 (0931) Roof Picket 23”, 1 (0936) Roof Picket 19”, 1 (0935) Roof Picket 15” and 1 (0937) Roof Picket 11” to (0967) Right Roof Support and to (0944) Roof Side with 2 (S2) # 8 x 1-1/2” Wood Screws per board as shown in fig. 22.3. **Ensure spacing between each picket does not exceed 2-3/4”.**

E: Repeat Part D for the left side of (0934) Roof Picket 26”. (fig. 22.2 & 22.3)

Fig. 22.2



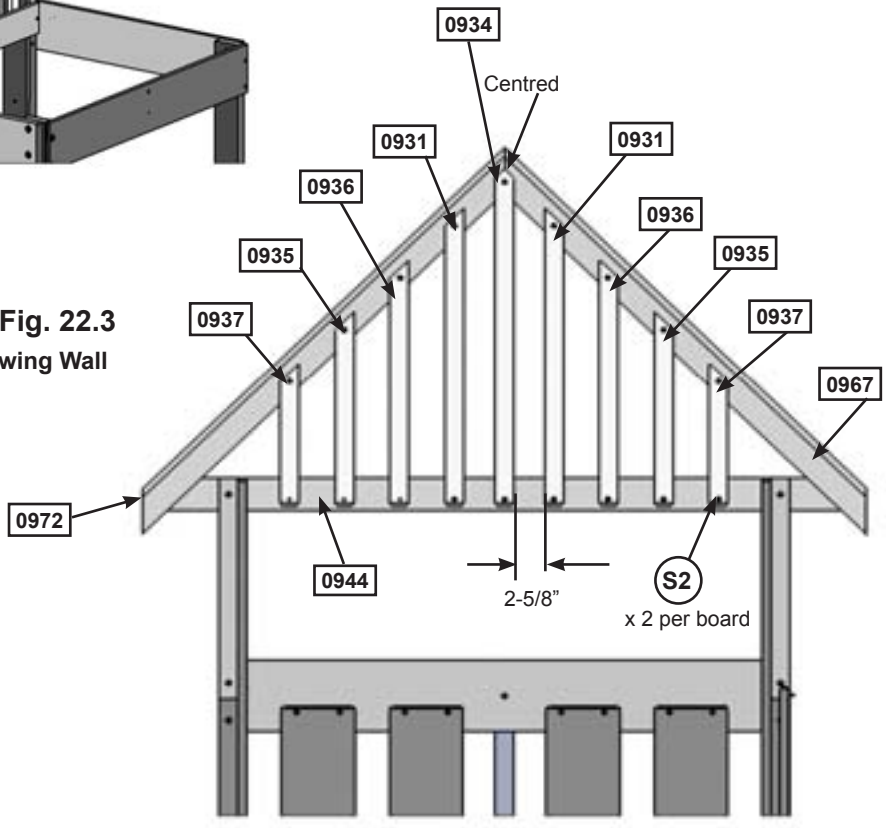


Fig. 22.3
Swing Wall

Wood Parts

2 x	0937	Roof Picket 11” 1 x 2 x 11”
2 x	0935	Roof Picket 15” 1 x 2 x 15”
2 x	0936	Roof Picket 19” 1 x 2 x 19”
2 x	0931	Roof Picket 23” 1 x 2 x 23”
1 x	0934	Roof Picket 26” 1 x 2 x 26”

Hardware

18 x (S2) #8 x 1-1/2” Wood Screw

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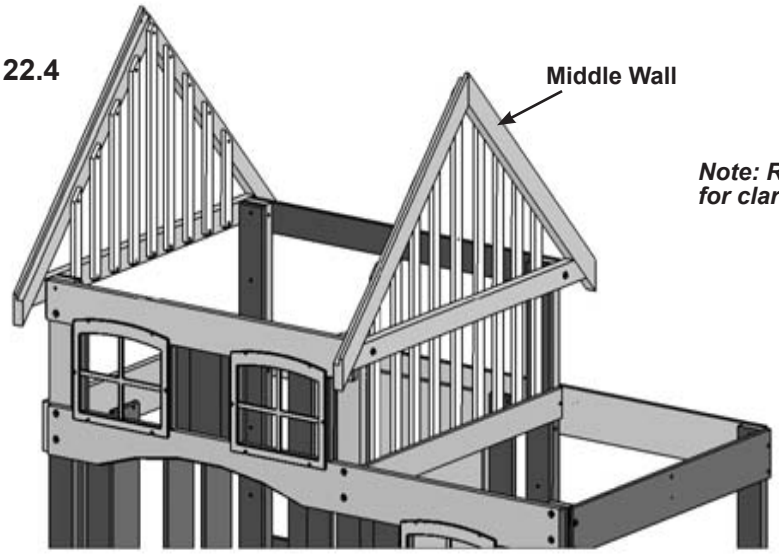
Step 22: Attach Roof
Part 3

F: On the Middle Wall, attach 1 (0938) Roof Picket 41” centred to the peak of Roof Joist Assembly to the bottom of (0968) Middle Top with 1 (S1) #8 x 1-1/8” Wood Screw as shown in fig. 22.5. Attach (0938) Roof Picket 41” to (0944) Roof Side and the Roof Joist Assembly with 2 (S2) #8 x 1-1/2” Wood Screws. (fig 22.5)

G: Starting on the right side of (0938) Roof Picket 41”, measure 2-5/8” and attach 1 (0932) Roof Picket 37”, 1 (0929) Roof Picket 33”, 1 (0930) Roof Picket 29” and 1 (0933) Roof Picket 25” to (0967) Right Roof Support, (0944) Roof Side with 2 (S2) #8 x 1-1/2” Wood Screws per board. Flush to the bottom of (0968) Middle Top attach each picket with 1 (S1) # 8 x 1-1/8” Wood Screw as shown in fig. 22.5. **Ensure spacing between each picket does not exceed 2-3/4”.**

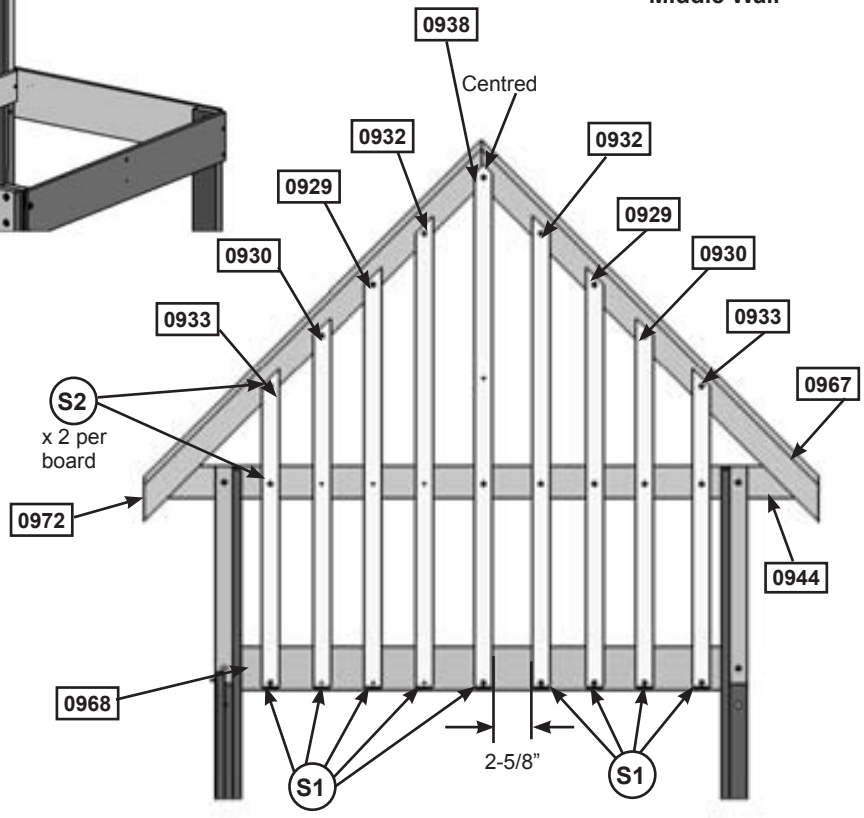
H: Repeat Part G for the left side of (0938) Roof Picket 41”. (fig. 22.4 & 22.5)

Fig. 22.4



Note: Roof removed for clarity

Fig. 22.5
Middle Wall



Wood Parts

- 2 x 0933 Roof Picket 25” 1 x 2 x 25”
- 2 x 0930 Roof Picket 29” 1 x 2 x 29”
- 2 x 0929 Roof Picket 33” 1 x 2 x 33”
- 2 x 0932 Roof Picket 37” 1 x 2 x 37”
- 1 x 0938 Roof Picket 41” 1 x 2 x 41”

Hardware

- 18 x S2 #8 x 1-1/2” Wood Screw
- 9 x S1 #8 x 1-1/8” Wood Screw

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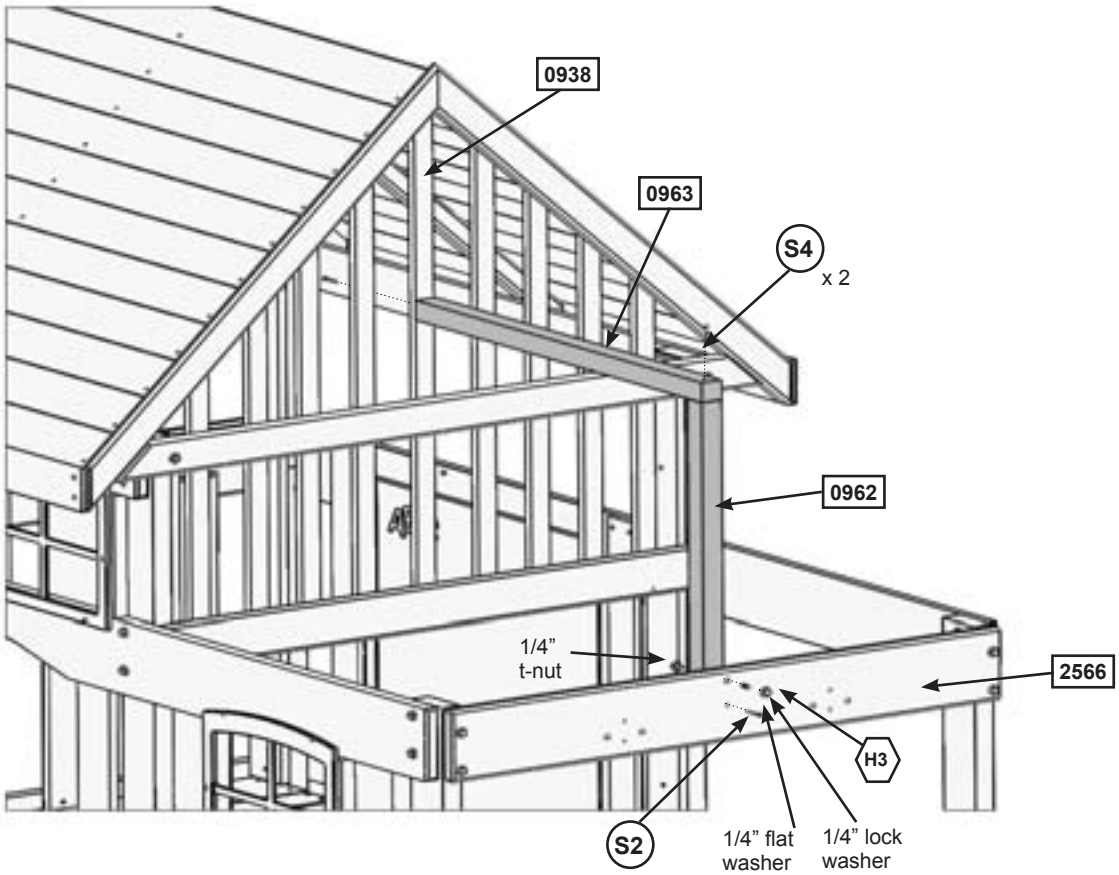
Step 23: Attach Canopies
Part 1

A: Attach 1 (0962) Tarp Upright to (2566) MK Top with 1 (H3) 1/4 x 2-1/2” Hex Bolt (with lock washer, flat washer and t-nut) and 1 (S2) #8 x 1-1/2” Wood Screw. (fig. 23.1)

B: Attach 1 (0963) Tarp Ridge to both (0962) Tarp Upright and (0938) Roof Picket 41” with 2 (S4) #8 x 3” Wood Screws as shown in fig. 23.1

Fig. 23.1



Wood Parts

1 x 0962 **Tarp Upright 2 x 2 x 24-1/2”**
1 x 0963 **Tarp Ridge 2 x 2 x 30-1/2”**

Hardware

1 x H3 **1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**
2 x S4 **#8 x 3” Wood Screw**
1 x S2 **#8 x 1-1/2” Wood Screw**

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Step 23: Attach Canopies Part 2

C: Place Barrington Canopy over (0963) Tarp Ridge making sure the bottom edges of tarp are even on both sides. (fig. 23.2)

D: Secure one side of the Barrington Canopy by attaching to (0958) Wall Front with 4 (S5) # 8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 23.2. Make sure the canopy is smooth and tight then secure to (0960) Wall Back with 4 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) and to (0963) Tarp Ridge with 2 (S5) # 8 x 1/2" Pan Screws (with #8 flat washer). (fig. 23.2)

E: From inside the assembly, attach the Barrington Canopy to (0944) Roof Side with 2 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 23.2 & 23.3.

F: Feed Cafe Frame through the pocket of the Cafe Canopy and place top of Cafe Canopy flush to the top of (0304) CE Floor Board and 5/8" in from the outside edge on the Monkey Wall side and attach with 5 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Measure 1-1/2" down from the top of (0304) CE Floor Board and attach 2 (S5) #8 x 1/2" Pan Screws as shown in fig. 23.2 & 23.4.

G: Pull Cafe Canopy tight and attach Cafe Frame to (0955) Long Post and (0945) Short Post with 2 (S6) #12 x 1" Pan Screws. (fig. 23.2)

Fig. 23.2

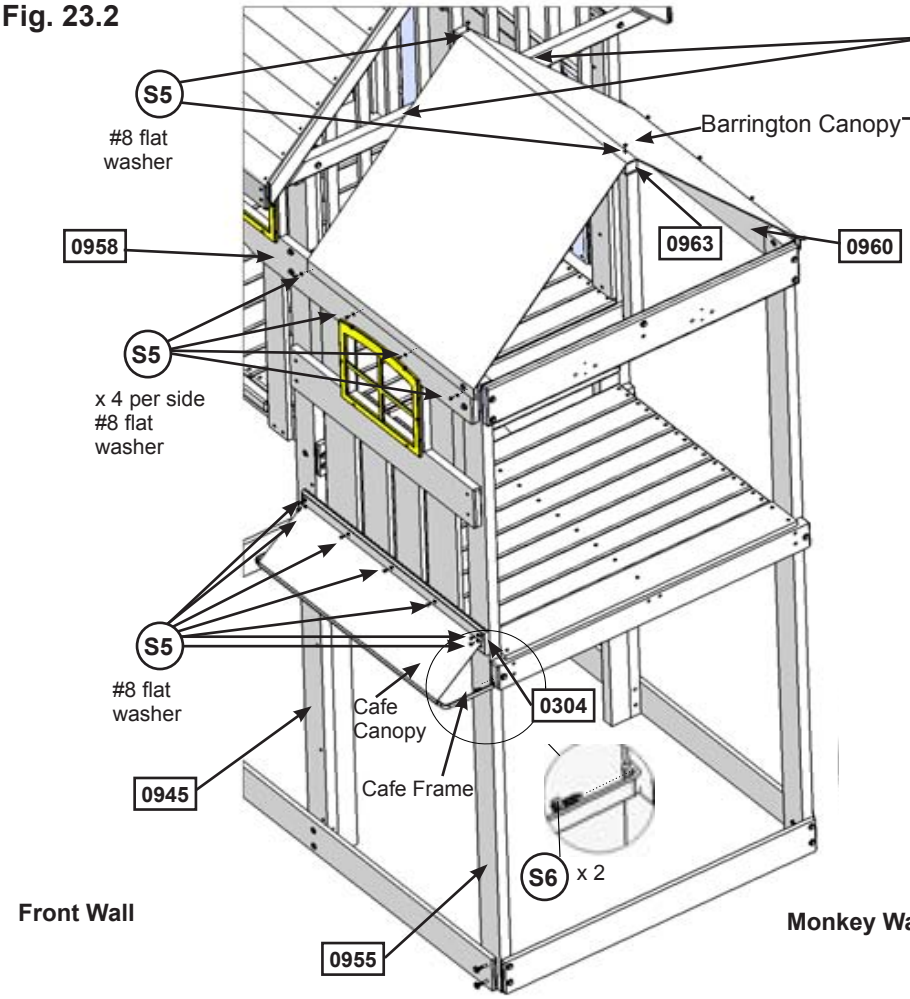


Fig. 23.3
Inside View

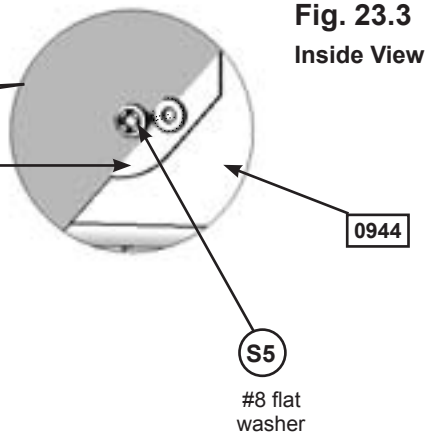
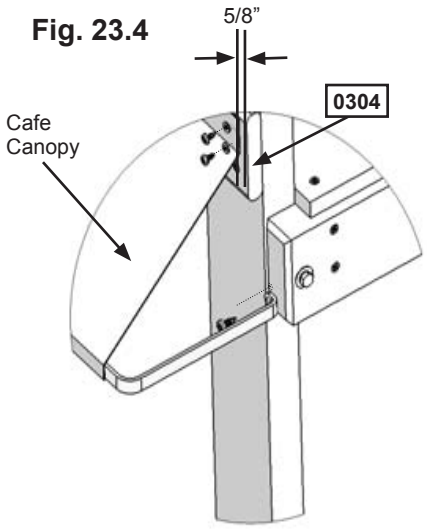


Fig. 23.4



Hardware

19 x (S5) #8 x 1/2" Pan Screw (#8 flat washer)

2 x (S6) #12 x 1" Pan Screw

Other Parts

1 x Barrington Canopy

1 x Cafe Canopy

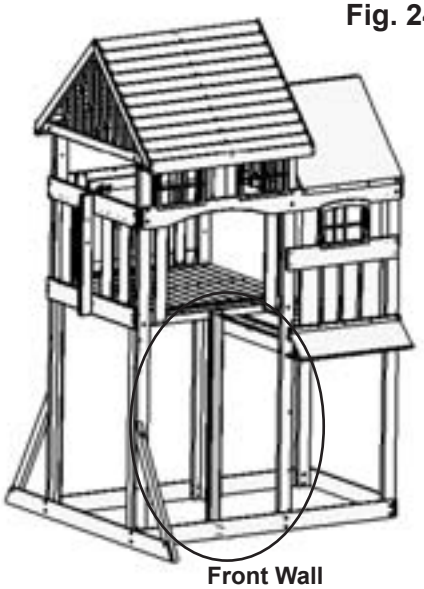
1 x Cafe Frame

Step 24: Lower Wall Assembly
Part 1

A: On the Front Wall measure 17-1/8” from the inside edge of (0945) Short Post and attach (2575) Door Post tight to the bottom of (0939) Ground Front Back with 2 (S2) #8 x 1-1/2” Wood Screws and to (0976) Floor Front Back with 2 (S3) #8 x 2-1/2” Wood Screws. (fig 24.1 & 24.2)

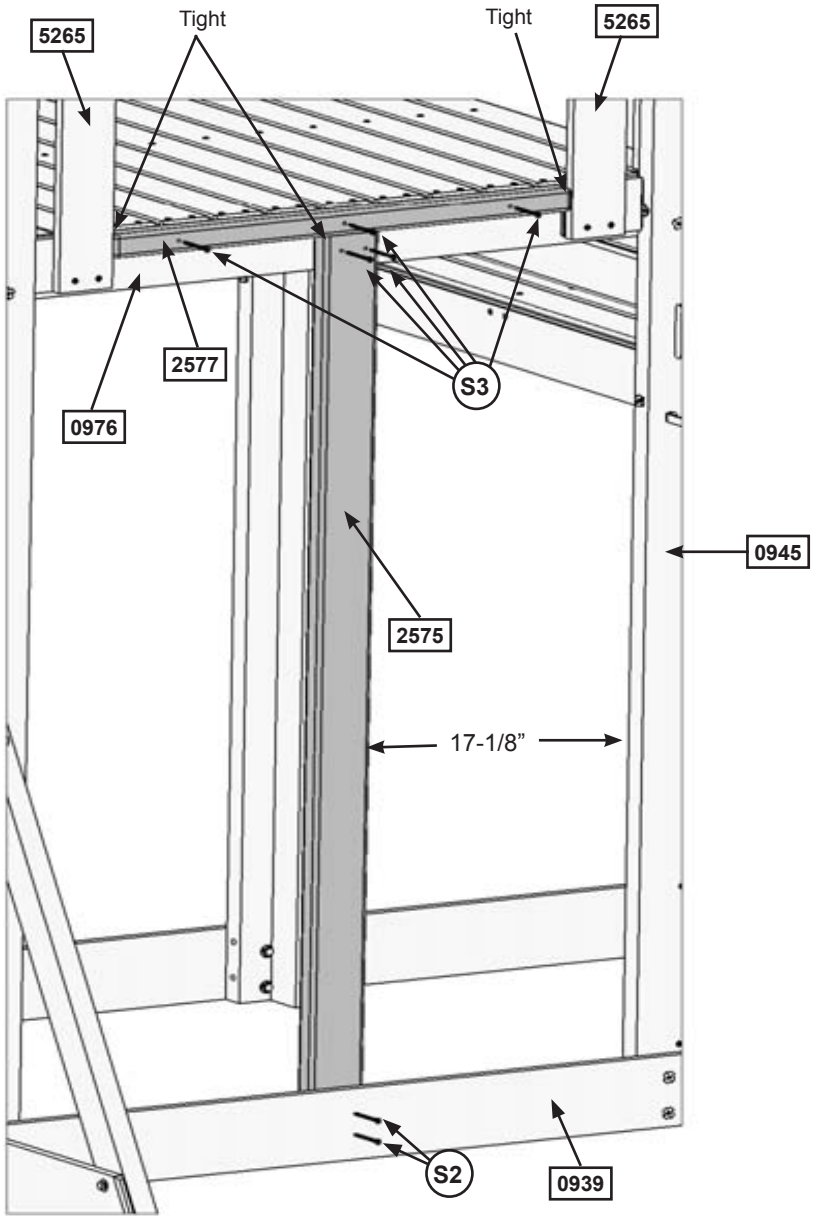
B: Tight to the top of the (2575) Door Post and tight to the inside edge of each (5265) Cedar Wall attach (2577) Spacer to (0976) Floor Front with 3 (S3) #8 x 2-1/2” Wood Screws (fig. 24.1 & 24.2)

Fig. 24.1



Front Wall

Fig. 24.2



Wood Parts

1 x 2575 **Door Post 2 x 4 x 57-3/4”**
1 x 2577 **Spacer 2 x 2 x 29”**

Hardware

5 x S3 **#8 x 2-1/2” Wood Screw**
2 x S2 **#8 x 1-1/2” Wood Screw**

Step 24: Lower Wall Assembly Part 2

C: 28” up from the bottom of (0939) Ground Front Back and tight to the inside of (0369) Lower Diagonal attach (2582) Cedar Wall to (0945) Short Post and (2575) Door Post with 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 24.4)

D: Tight to the top of (0939) Ground Front Back and flush to the outside edge of (0945) Short Post attach 6 (2569) Siding to (0945) Short Post and (2575) Door Post with 2 (S0) #8 x 7/8” Truss Screws per board, as shown in fig. 24.3 & 24.4. **Make sure all boards are evenly spaced.**

E: From inside the fort attach 1 (1858) Short Wall Support centred over the pilot holes to (0939) Ground Front Back and flush to the top of (2582) Cedar Wall using 4 (S1) #8 x 1-1/8” Wood Screws as shown in fig. 24.5.

F: From outside the fort attach each (2569) Siding to (1858) Short Wall Support with 1 (S0) #8 x 7/8” Truss Screw per siding. (fig 24.6)

Fig. 24.3

Fig. 24.4

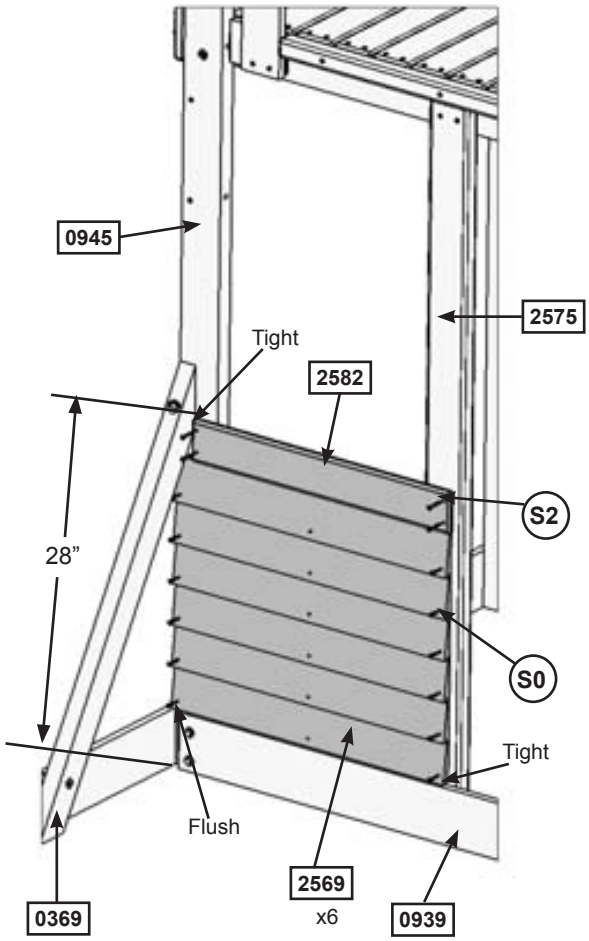


Fig. 24.5
Inside View

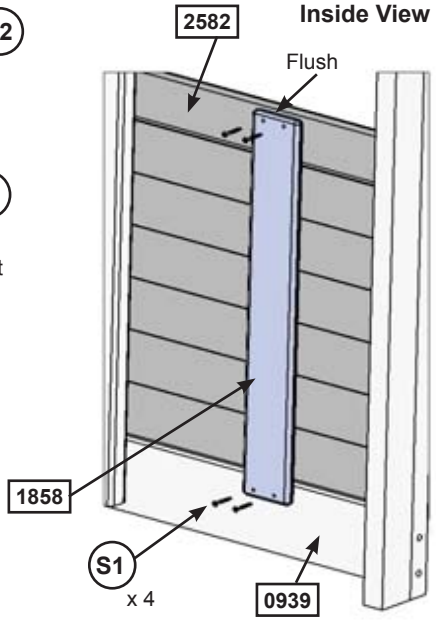
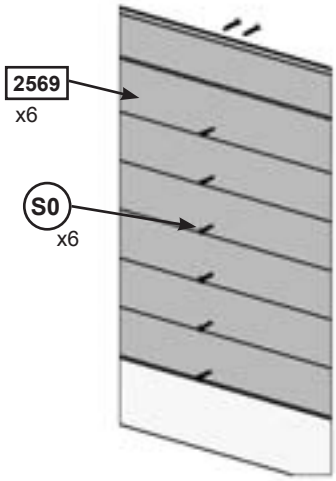


Fig. 24.6
Outside View



Wood Parts

- 1 x 2582 Cedar Wall 1 x 4 x 23”
- 6 x 2569 Siding 3/8 x 3-1/2 x 24-1/4”
- 1 x 1858 Short Wall Support 1 x 4 x 24-1/4”

Hardware

- 18 x S0 #8 x 7/8” Truss Screw
- 4 x S1 #8 x 1-1/8” Wood Screw
- 4 x S2 #8 x 1-1/2” Wood Screw

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Step 24: Lower Wall Assembly Part 3

G: Place 1 (2572) Window Side tight to the inside of (0369) Lower Diagonal and tight to the top of (2582) Cedar Wall and another tight to the top of (2582) Cedar Wall and against (2575) Door Post as shown in fig. 24.8. **Do not screw these boards down yet**.

H: Place (2574) Door Top flush to the outside edge of (0945) Short Post and tight against the top of each (2575) Window Side as shown in fig. 24.8. Align the outter edge of 1 (2572) Window Side flush to the notch in (2574) Door Top then attach each (2572) Window Side to (0945) Short Post and (2575) Door Post with 5 (S2) #8 x 1-1/2" Wood Screws per board and (2574) Door Top to both (0945) Short Posts and (2575) Door Post with 6 (S2) #8 x 1-1/2" Wood Screws. (fig. 24.7 & 24.8)

I: Flush to the outside edge of (0945) Short Post and tight to the top of (2574) Door Top attach (2573) Front Board to both (0945) Short Posts and (2575) Door Post with 6 (S2) #8 x 1-1/2" Wood Screws. (fig. 24.7 & 24.8)

J: Flush to the outside edge of (0945) Short Post and tight to the top of (2573) Front Board attach (2576) Front Top to both (0945) Short Posts and (2575) Door Post with 6 (S2) #8 x 1-1/2" Wood Screws. (fig 24.7 & 24.8)

Fig. 24.8

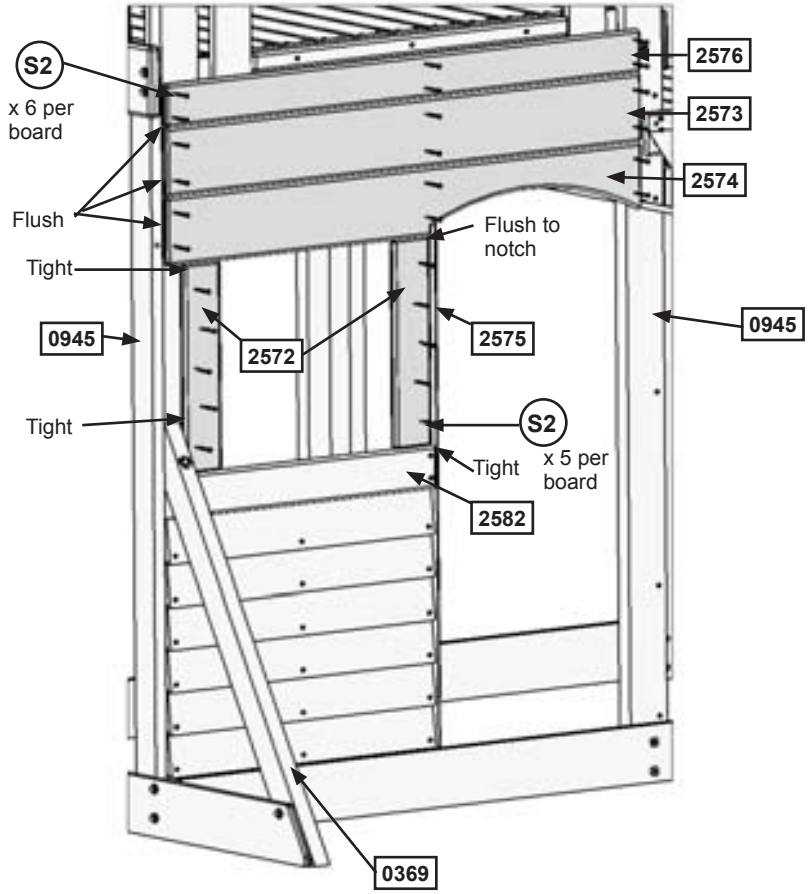
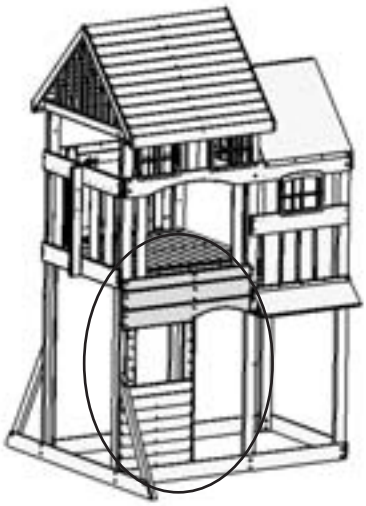


Fig. 24.7



Front Wall

Wood Parts

- **2 x** 2572 **Window Side 1 x 4 x 16-1/4"**
- **1 x** 2576 **Front Top 1 x 4 x 43-1/2"**
- **1 x** 2573 **Front Board 1 x 6 x 43-1/2"**
- **1 x** 2574 **Door Top 1 x 6 x 43-1/2"**

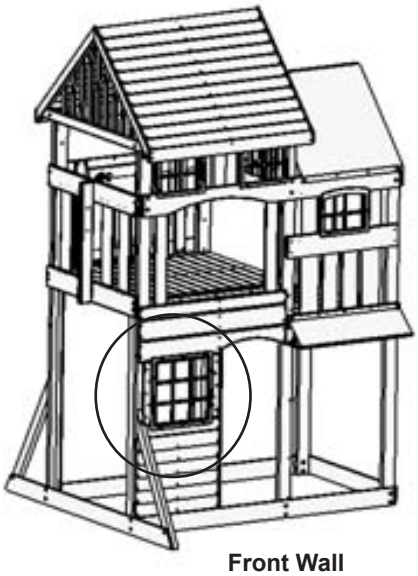
Hardware

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

Step 24: Lower Wall Assembly Part 4

K: Attach Bay Window to (2574) Door Top, both (2572) Window Sides and (2582) Cedar Wall with 10 (S13) #6 x 5/8" Pan Screws as shown in fig. 24.9 & 24.10.

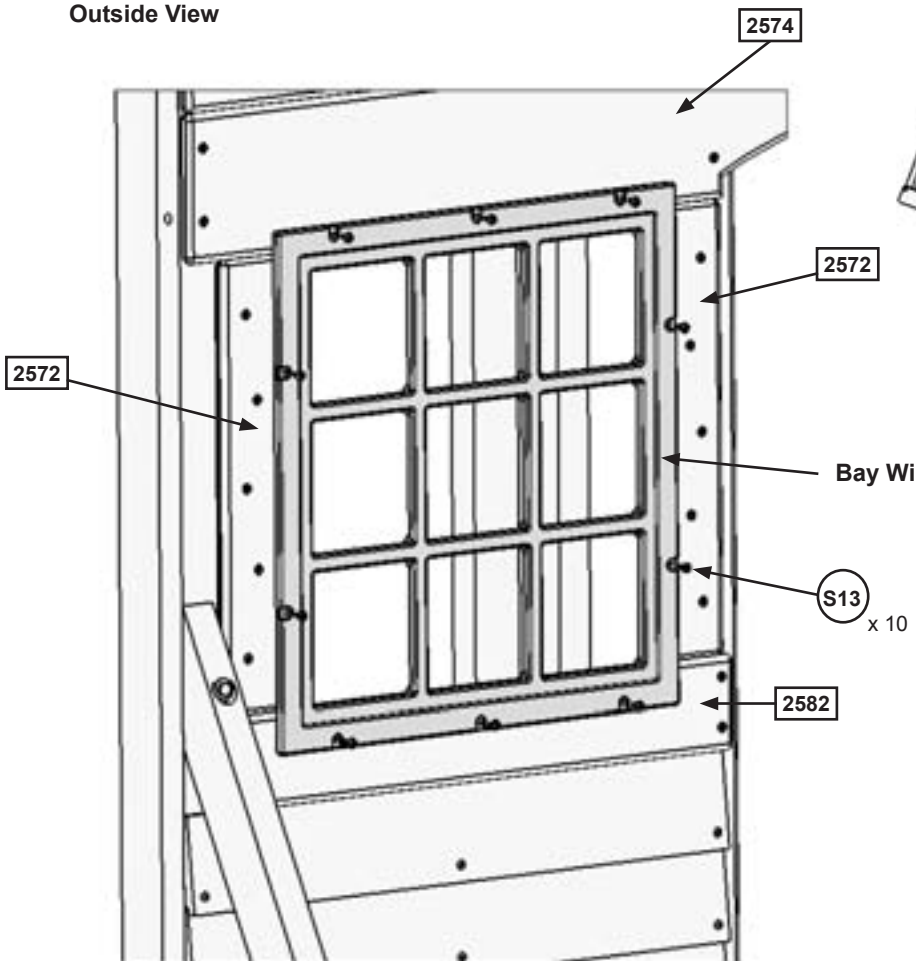
Fig. 24.9



Front Wall

Fig. 24.10

Outside View



Hardware	Other Parts
10 x (S13) #6 x 5/8" Pan Screw	1 x Bay Window

Step 25: Door Panel Assembly Part 1

A: On the inside of (2579) Door Panel Green measure 20” up from the bottom then attach Catch Plate flush to the edge using 2 (S13) #6 x 5/8” Wood Screws. (fig. 25.1 and 25.2)

B: On the inside of (2579) Door Panel just above the Catch Plate attach 1 Door Handle using 2 (S13) #6 x 5/8” Pan Screws. (fig. 25.1 and 25.2)

Fig. 25.1
Inside View

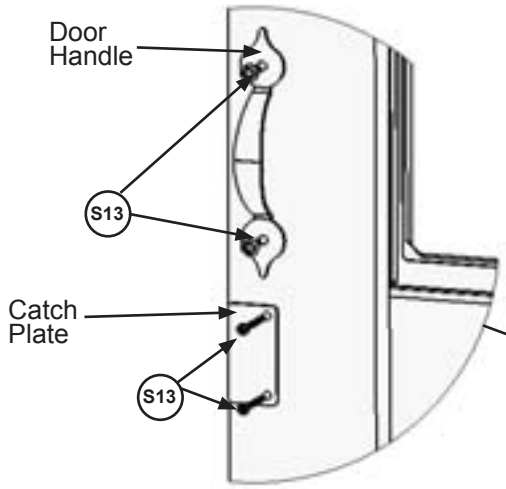
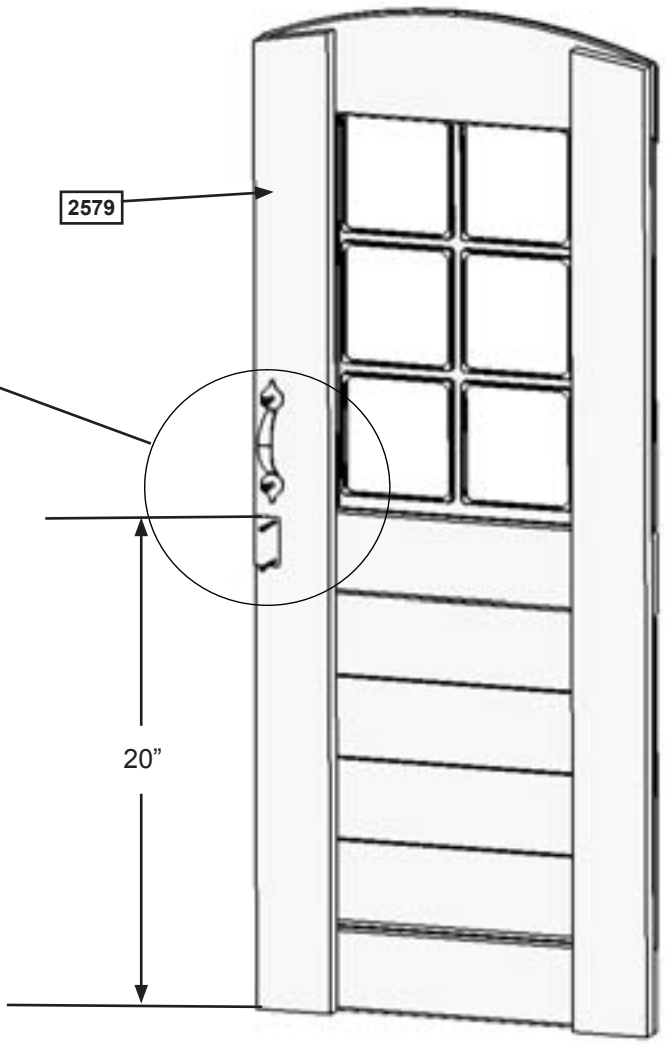


Fig. 25.2
Inside View



Wood Parts

1 x 2579 **Door Panel Green 1-1/4 x 15-7/8 x 40-3/4”**

Hardware

4 x S13 **#6 x 5/8” Pan Screw**

Other Parts

1 x Door Handle

1 x Catch Plate

Step 25: Door Panel Assembly Part 2

C: On the outside of (2579) Door Panel Green attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 25.3)

D: In the window opening of (2579) Door Panel Green insert 1 Small Window from the outside and attach with 8 (S13) #6 x 5/8" Pan Screws (fig. 25.3 & 25.4)

E: Attach 2 Door Hinges on the outside of the (2579) Door Panel Green on the opposite side from the Door Handle. Judge spacing based on fig. 25.3. Use 3 (S13) #6 x 5/8" Pan Screws per Hinge. (fig 25.3 & 25.4)

Fig. 25.4
Outside View

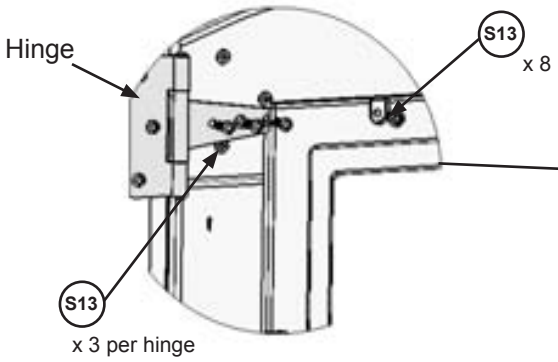
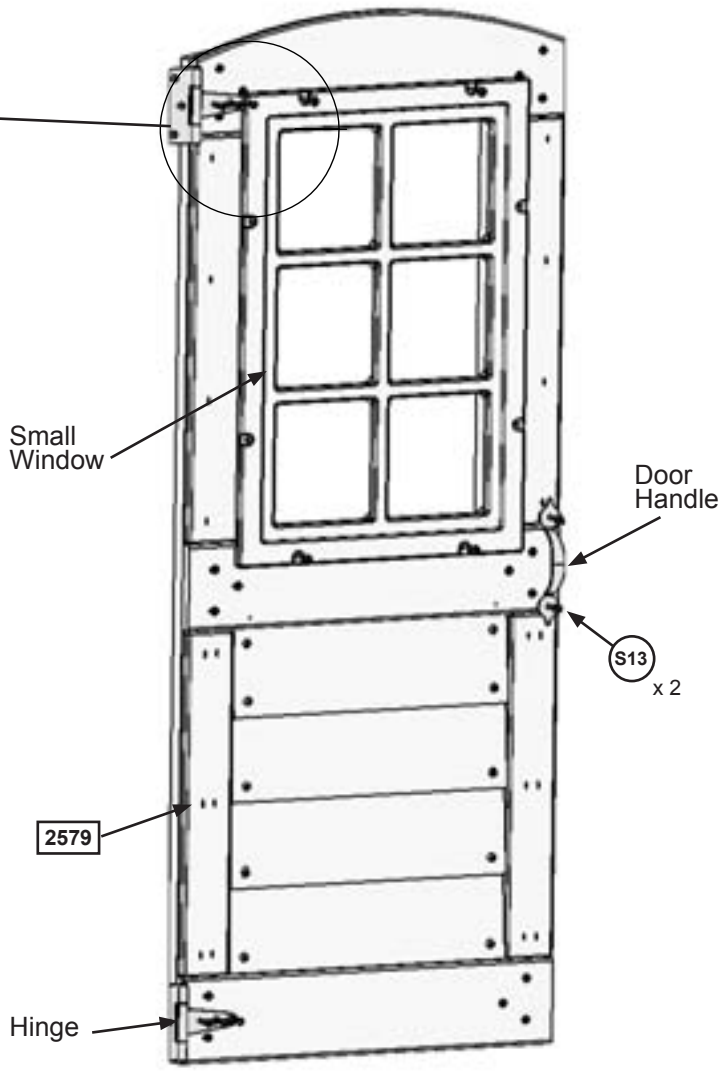


Fig. 25.3
Outside View



Hardware

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

Other Parts

1 x Door Handle
1 x Small Window
2 x Door Hinge

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Step 25: Door Panel Assembly
Part 3

F: In the opening for the door between (0945) Short Post and (2575) Door Post, measure 5/8” up from the top of (0939) Ground Front Back and from the inside edge of (2575) Door Post then attach the Door Hinges on the (2579) Door Panel to (2575) Door Post with 3 (S13) #6 x 5/8” Pan Screws per hinge. (fig. 25.5 & 25.6)

G: In the notched out opening of (3193) Door Latch Block attach the Magnetic Catch using 2 (S1) #8 x 1-1/8” Wood Screws. (fig. 25.7) **Important: Use a hand held screw driver and DO NOT overtighten.**

H: From inside the fort place (3193) Door Latch Block against (0945) Short Post so there is a 1” overhang and the notched out opening is lined up with the Catch Plate then attach with 2 (S15) #8 x 1-3/4” Wood Screws as shown in fig. 25.8.

Fig. 25.5
Outside View

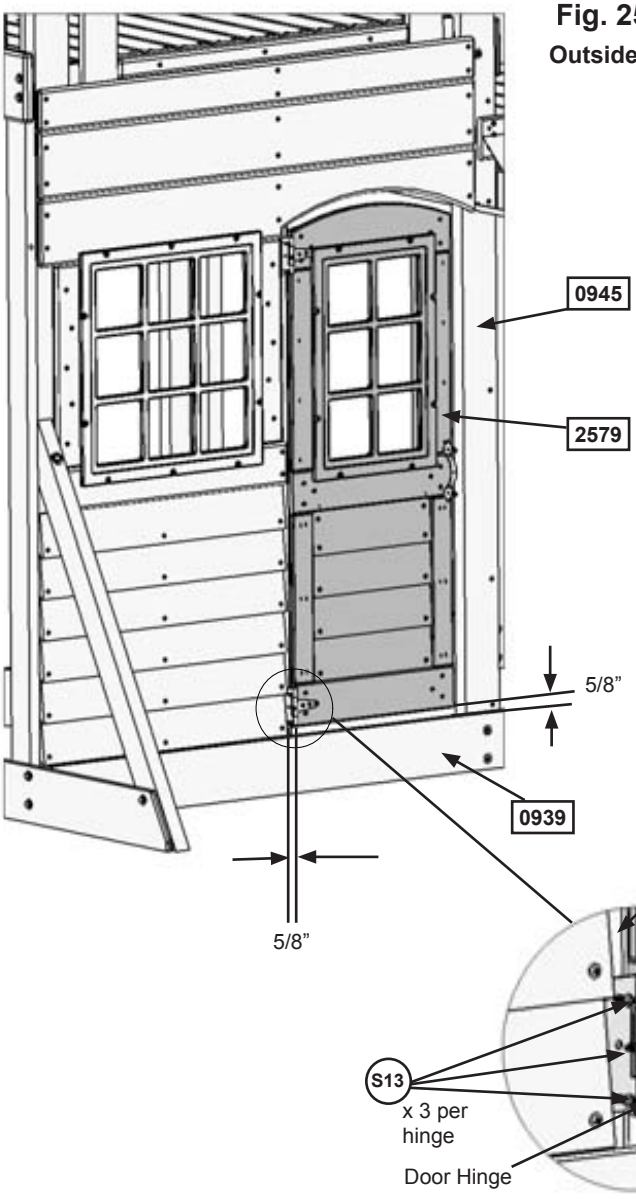


Fig. 25.6

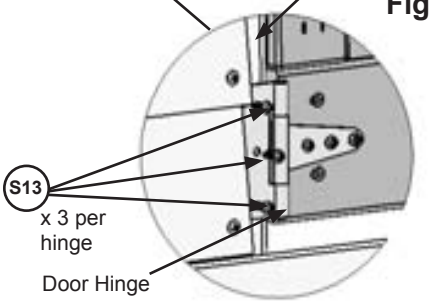


Fig. 25.7

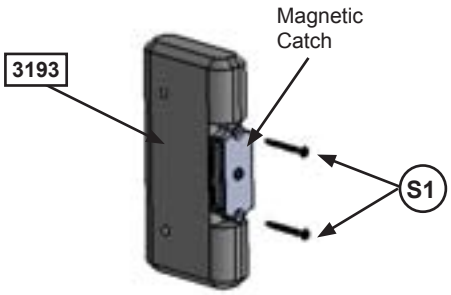
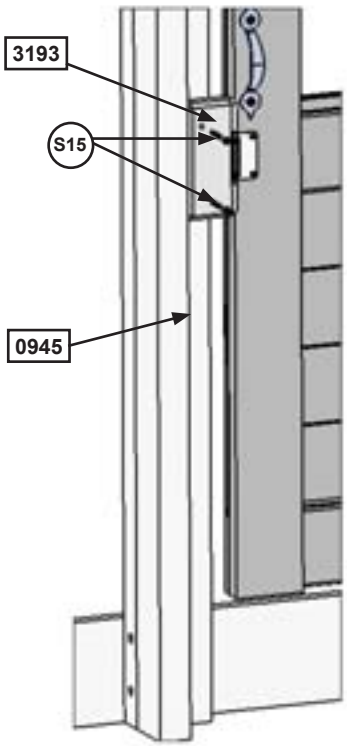


Fig. 25.8
Inside View



Wood Parts

1 x 3193 **Door Latch Block**

Hardware

6 x S13 **#6 x 5/8” Pan Screw**

2 x S15 **#8 x 1-3/4” Wood Screw**

2 x S1 **#8 x 1-1/8” Wood Screw**

Other Parts

1 x Magnetic Catch

Step 26: Cafe Wall Assembly
Part 1

A: Flush to the outside edge of (0955) Long Post and tight to the top of (0939) Ground Front Back attach 6 (2568) Cedar Siding to (0945) Short Post and (0955) Long Post using 2 (S0) #8 x 7/8" Truss Screws per board. Make sure there are no gaps between boards. (fig. 26.1 & 26.2)

B: Place (2571) Table Support flush to the notched edge and both ends of (2570) Table Top as shown in fig. 26.3 and attach using 4 (S7) #12 x 2" Pan Screws.

Fig. 26.1

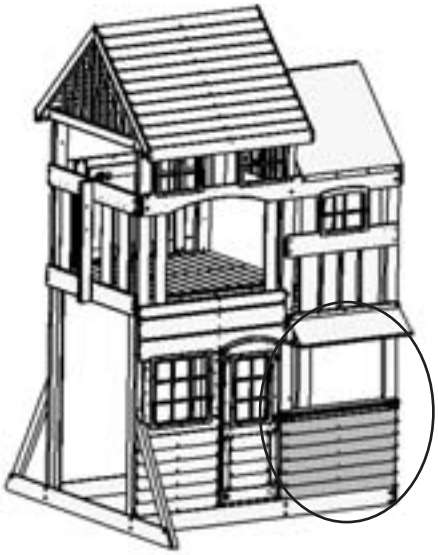


Fig. 26.2

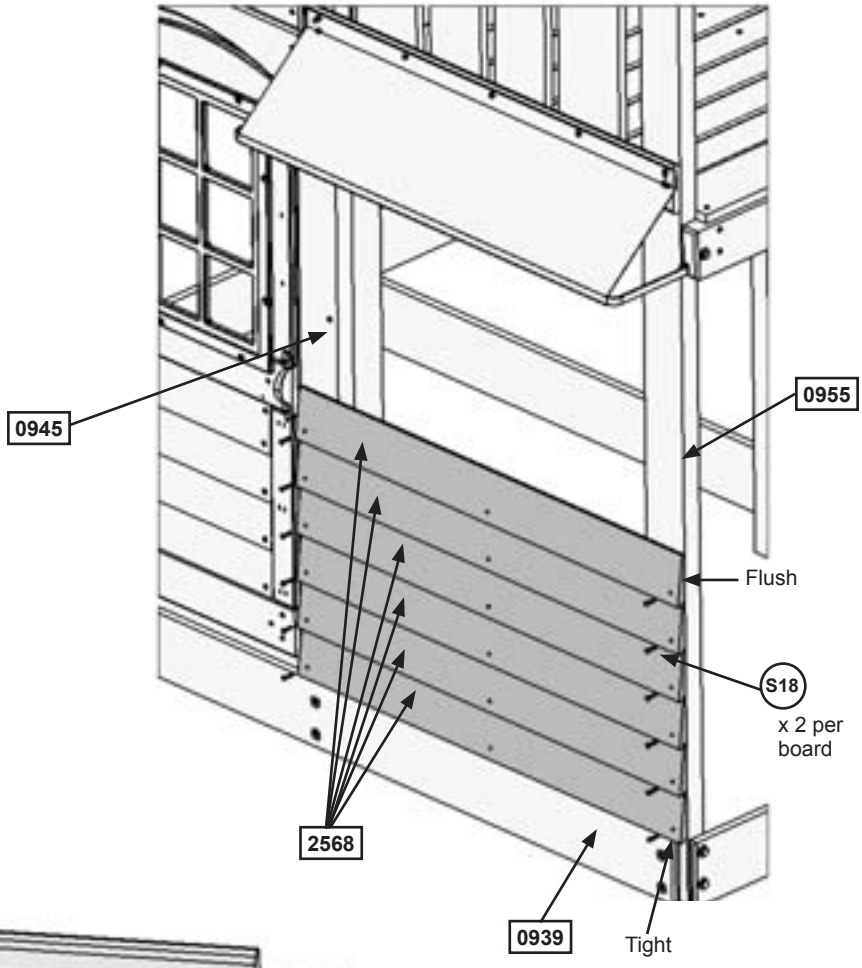
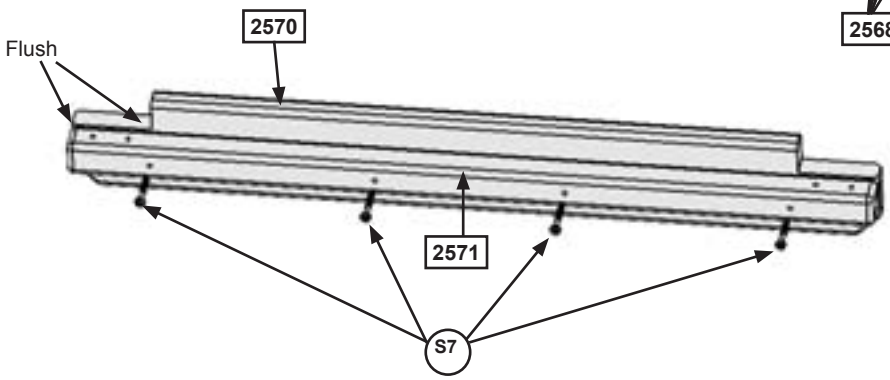


Fig. 26.3



Wood Parts

- 6 x 2568 Cedar Siding 3/8 x 3-1/2 x 34"
- 1 x 2570 Table Top 5/4 x 5 x 34"
- 1 x 2571 Table Support 2 x 2 x 34"

Hardware

- 12 x S0 #8 x 7/8" Truss Screw
- 4 x S7 #12 x 2" Pan Screw

Step 26: Cafe Wall Assembly
Part 2

C: Place Table Top Assembly tight to the top of (2568) Cedar Siding, ensuring the notches are tight around (0945) Short Post and (0955) Long Post as shown in fig. 26.4. Make sure (2571) Table Support is flush to the outside edges of (0945) Short Post and (0955) Long Post then attach to each post with 2 (S3) #8 x 2-1/2" Wood Screws per post. (fig. 26.4)

D: From inside the assembly tight to the bottom of (2570) Table Top place 1 (1858) Short Wall Support centred over the pilot holes of the (2568) Cedar Siding then attach to (2571) Table Support and (0939) Ground Front Back with 4 (S1) #8 x 1-1/8" Wood Screws. (fig 26.5)

E: From outside the assembly attach (1858) Short Wall Support to each (2568) Cedar Siding with 1 (S0) #8 x 7/8" Truss Screw per siding. (fig. 26.4)

Fig. 26.4
Outside View

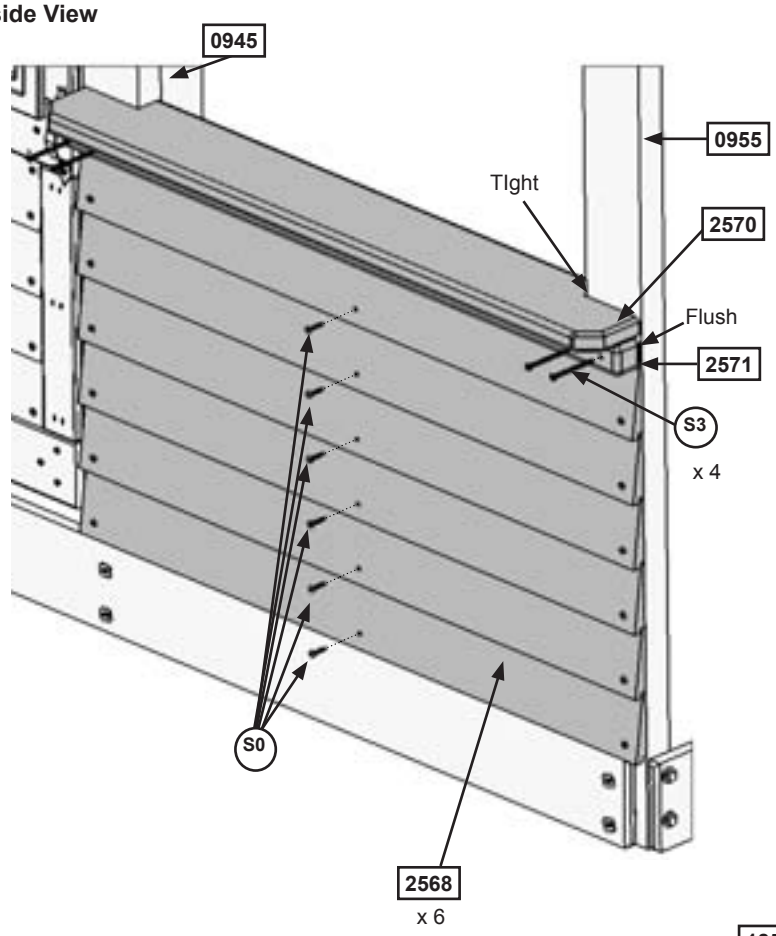
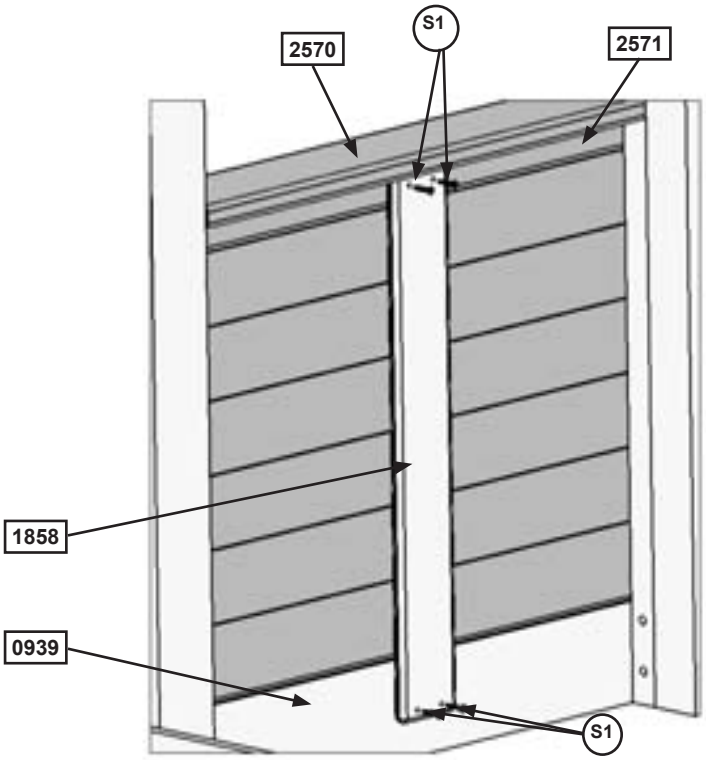


Fig. 26.5
Inside View



Wood Parts

1 x 1858 **Short Wall Support 1 x 4 x 24-1/4"**

Hardware

6 x S0 **#8 x 7/8" Truss Screw**
4 x S1 **#8 x 1-1/8" Wood Screw**
4 x S3 **#8 x 2-1/2" Wood Screw**

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Step 27: Attach Ground Stakes

MOVE FORT TO FINAL LOCATION. FINAL LOCATION MUST BE LEVEL GROUND.

⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

A: Drive 3 (0318) Ground Stakes 10-1/2" into the ground tight to 2 (0369) Lower Diagonals and to 1 (0955) Long Post as shown in fig. 27.1, 27.2 & 27.3. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 27.2 & 27.3)

Fig. 27.1

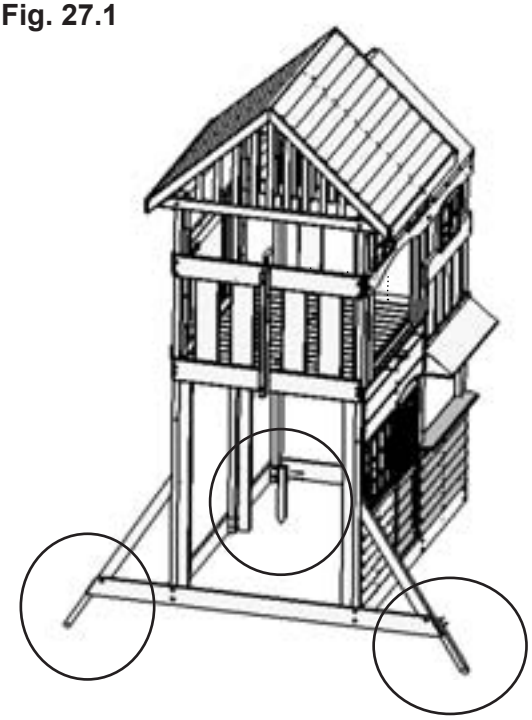


Fig. 27.2

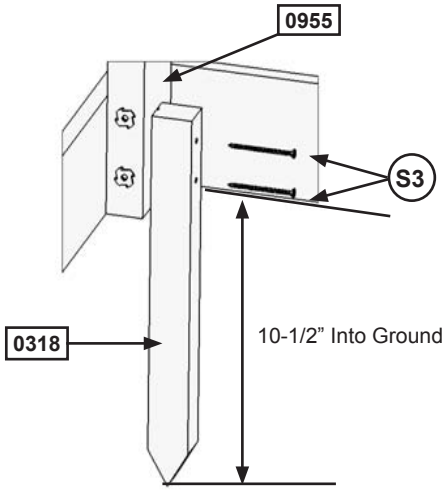
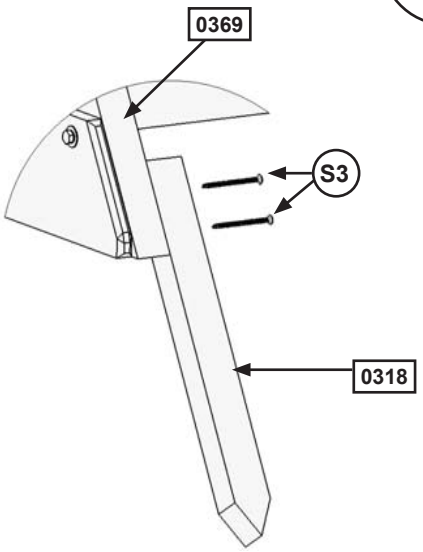


Fig. 27.3



Wood Parts

3 x [0318] Ground Stake 1-1/4 x 1-1/2 x 14"

Hardware

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

Step 28: Bench Assembly
Part 1

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

A: Flush to the top of 1 (2484) Bench Leg place 1 (2578) Seat End with angled edge facing down and straight edge flush to the inside edge of (2484) Bench Leg as shown in fig. 28.1. Attach with 2 (S15) #8 x 1-3/4” Wood Screws and 1 (H3) 1/4 x 2-1/2” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 28.1)

B: Flush to the outside edge of (2484) Bench Leg attach (2495) Bench Support with 1 (H3) 1/4 x 2-1/2” Hex Bolt (with lock washer, flat washer and t-nut). (fig 28.1)

C: Repeat Steps A and B to create a second Bench Leg Assembly so it is opposite of the first Bench Leg Assembly. (fig. 28.2)

Fig. 28.1

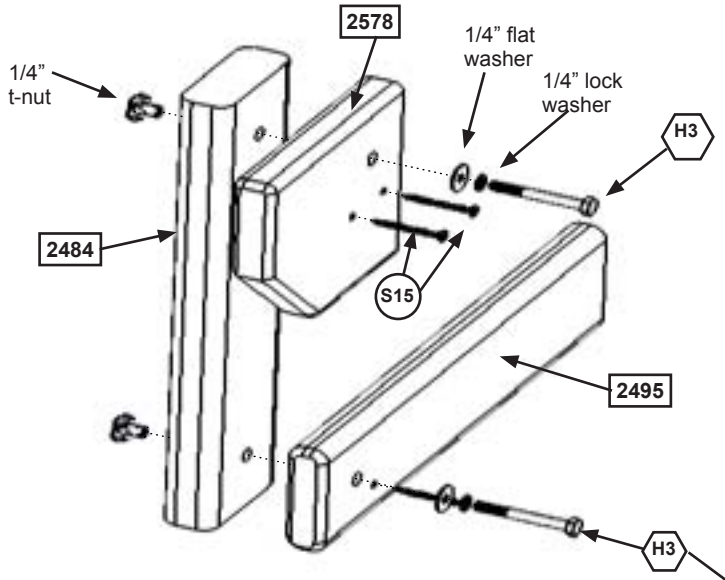
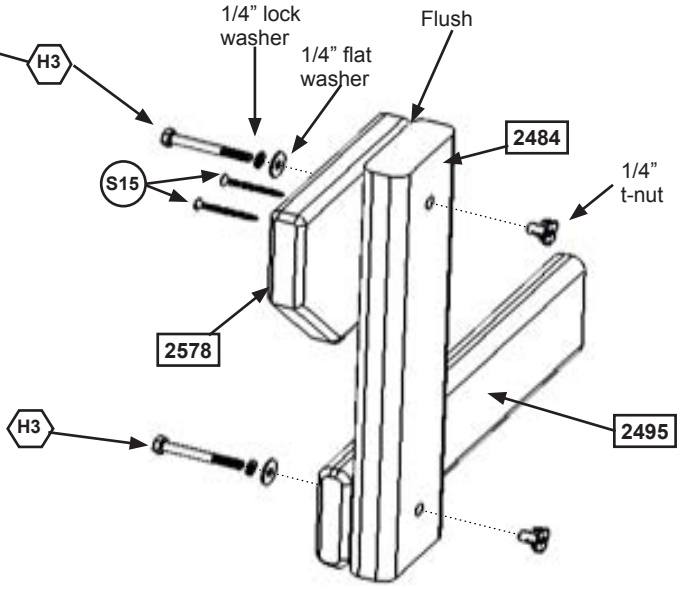


Fig. 28.2



Wood Parts

- 2 x 2484 **Bench Leg 2 x 4 x 13-1/2”**
- 2 x 2495 **Bench Support 5/4 x 4 x 13-5/8**
- 2 x 2578 **Seat End 5/4 x 6 x 6-1/2”**

Hardware

- 4 x H3 **1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**
- 4 x S15 **#8 x 1-3/4” Wood Screw**

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Step 28: Bench Assembly
Part 2

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

D: Place 2 (3483) Bench Top Cafes together with angled corners facing outwards and (3983) Bench Brace Top centred under the pilot holes as shown in fig. 28.3. Pre-drill with a 1/8" drill bit then attach (3983) Bench Brace Top to both (3483) Bench Top Cafes with 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 28.3.

E: Place both (3483) Bench Top Cafes on both Bench Leg Assemblies so the ends on each side hang over by 1". Outside edges of each (3483) Bench Top Cafe to be flush to the outside edge of each (2578) Seat End. Pre-drill with a 1/8" drill bit then attach each (3483) Bench Top Cafe to each (2578) Seat End with 4 (S15) #8 x 1-3/4" Wood Screws per board. (fig 28.4)

Fig. 28.3

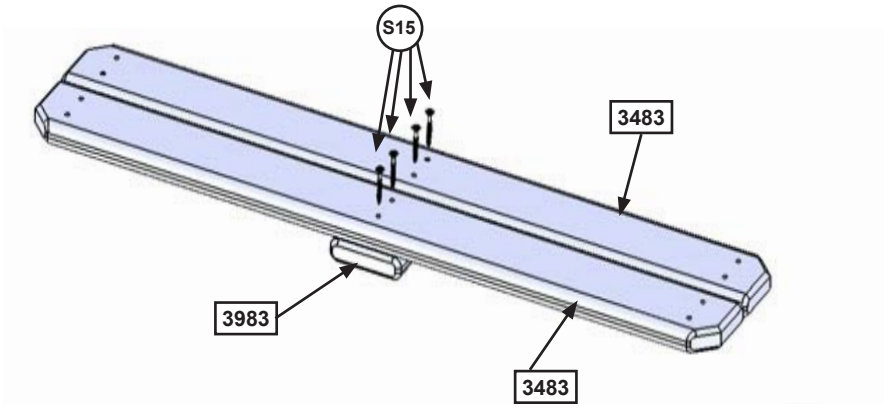
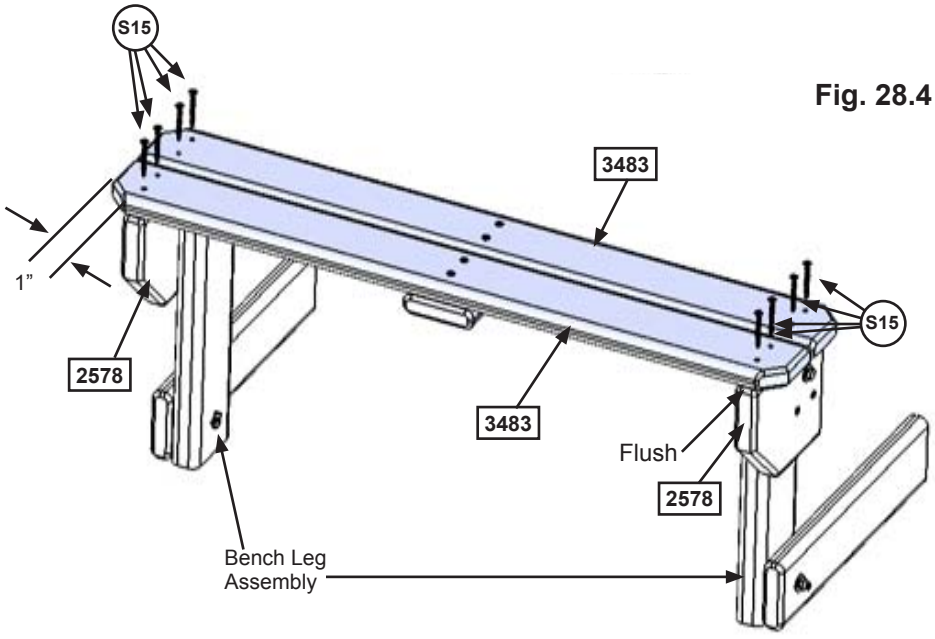


Fig. 28.4



Wood Parts

2 x 3483 **Bench Top Cafe 5/4 x 4 x 31-1/2"**
1 x 3983 **Bench Brace Top 5/4 x 4 x 6"**

Hardware

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

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Step 28: Bench Assembly
Part 3

F: Centre the Bench Assembly between (0945) Short Post and (0955) Long Post and place the ends of both (2495) Bench Support against (0939) Ground Front Back as shown in fig. 28.5 & 28.6. Attach 1 Corner Brace flush to the top and end of (2495) Bench Support on the outside and 1 Corner Brace flush to the bottom and end on the inside of (2495) Bench Support with 1 (S13) #6 x 5/8" Pan Screw per Corner Brace. Attach each Corner Brace to (0939) Ground Front Back using 2 (S13) #6 x 5/8" Pan Screws per Corner Brace. (fig. 28.5, 28.7 & 28.8)

G: Attach 1 Corner Brace flush to the top and end of (2495) Bench Support on the inside and 1 Corner Brace flush to the bottom and end on the outside of (2495) Bench Support with 1 (S13) #6 x 5/8" Pan Screw per Corner Brace. Attach each Corner Brace to (0939) Ground Front Back using 2 (S13) #6 x 5/8" Pan Screws per Corner Brace. (fig. 28.5, 28.7 & 28.8)

Fig. 28.5

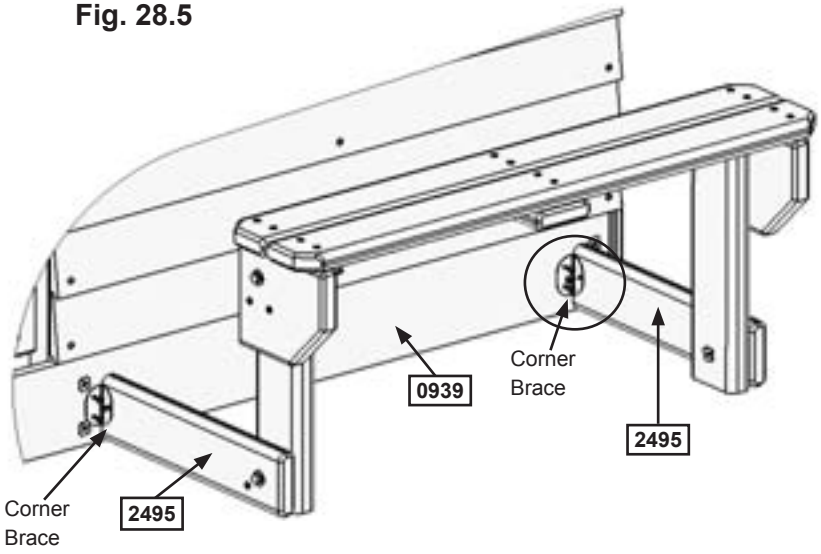
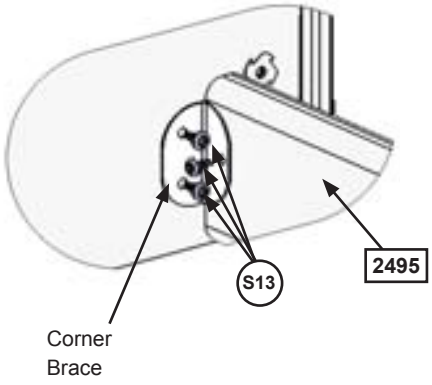
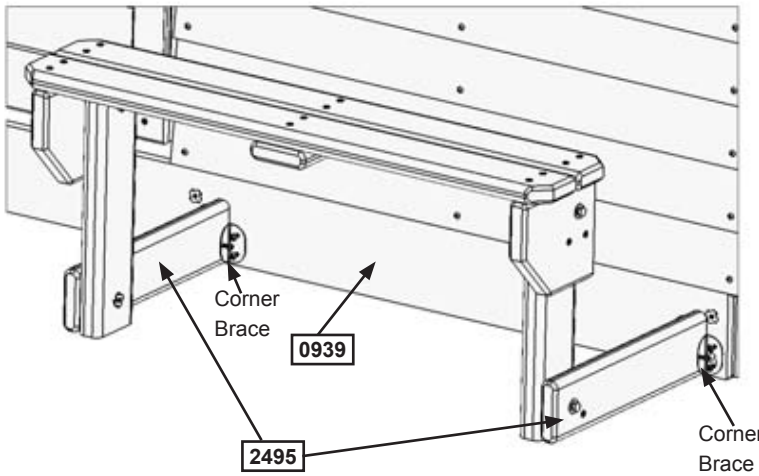


Fig. 28.6

Fig. 28.7

Fig. 28.8





Hardware

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

Other Parts

4 x Corner Brace

Step 29: Monkey Wall Assembly

A: Flush to the outside edge of both (0955) Long Posts and tight to the top of (0946) SL Ground attach 6 (1930) Siding to both posts using 2 (S0) #8 x 7/8" Truss Screws per board. Make sure there are no gaps between boards. (fig. 29.1 & 29.2)

B: Tight to the top of the top (1930) Siding and flush to the outside edge of both (0955) Long Posts attach (2567) MK Wall using 4 (S7) #12 x 2" Pan Screws. (fig 29. 2)

C: From inside the assembly attach 1 (1858) Short Wall Support centered over the pilot holes in (1930) Siding to (2567) MK Wall and (0946) SL Ground using 4 (S1) #8 x 1-1/8" Wood Screws as shown in fig. 29.3.

D: From outside the assembly attach each (1930) Siding to (1858) Short Wall Support with 1 (S0) #8 x 7/8" Truss Screw per siding. (fig.29.2)

Fig. 29.2
Outside View

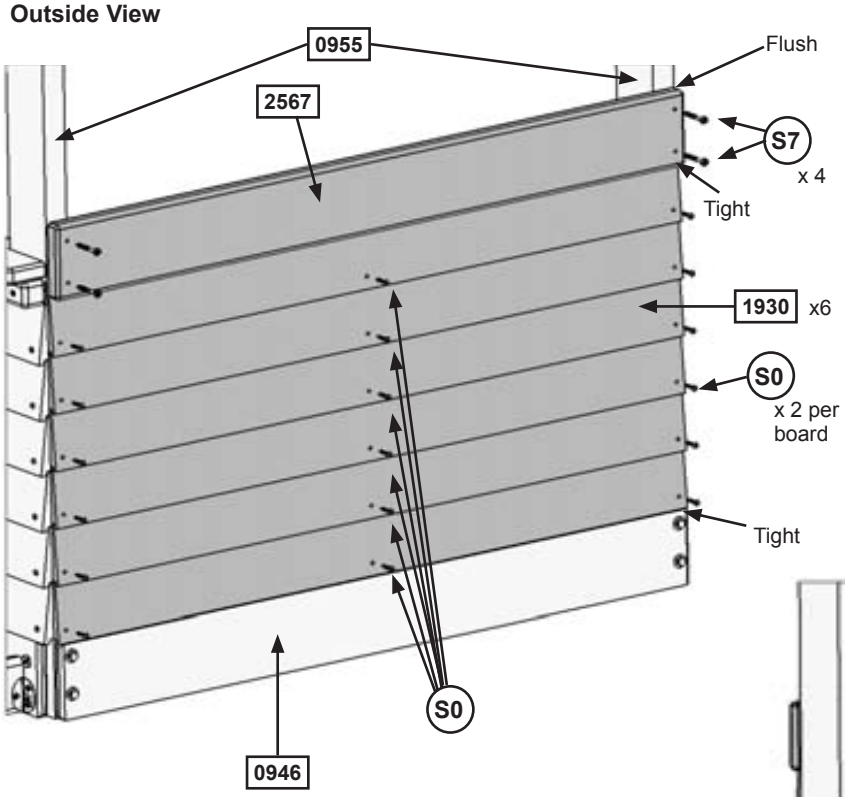


Fig. 29.1

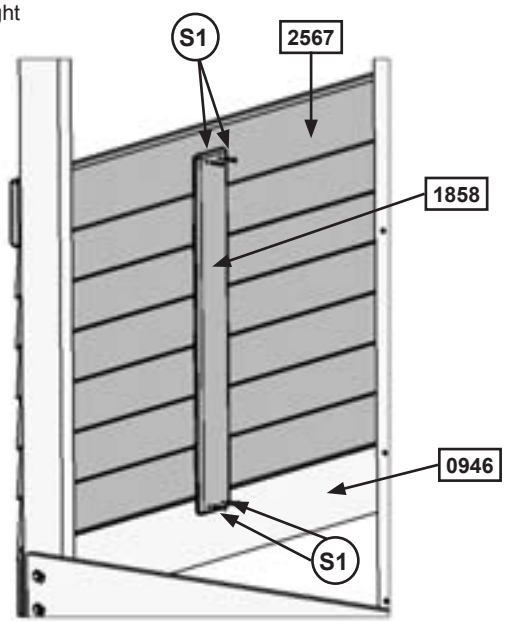


Fig. 29.3
Inside View

Wood Parts

- 1 x 1858 **Short Wall Support 1 x 4 x 24-1/4"**
- 1 x 2567 **MK Wall 5/4 x 5 x 41-1/2"**
- 6 x 1930 **Siding 3/8 x 3-1/2 x 41-1/2"**

Hardware

- 4 x S1 **#8 x 1-1/8" Wood Screw**
- 18 x S0 **#8 x 7/8" Truss Screw**
- 4 x S7 **#12 x 2" Pan Screw**

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Step 30: Connect Monkey Bar Assembly to Fort Part 1

A: Attach 2 MB Hanger Brackets to (2566) MK Top with 2 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and t-nut) per bracket as shown in fig. 30.1 & 30.2

B: Measure 3" from each end of (0965) SL Floor and (2566) MK Top and attach 2 (2565) CE Wall Board to (2566) MK Top and flush to the bottom edge of (0965) SL Floor using 4 (S2) #8 x 1-1/2" Wood Screws per board as shown in fig. 30.1 & 30.3.

Fig. 30.2

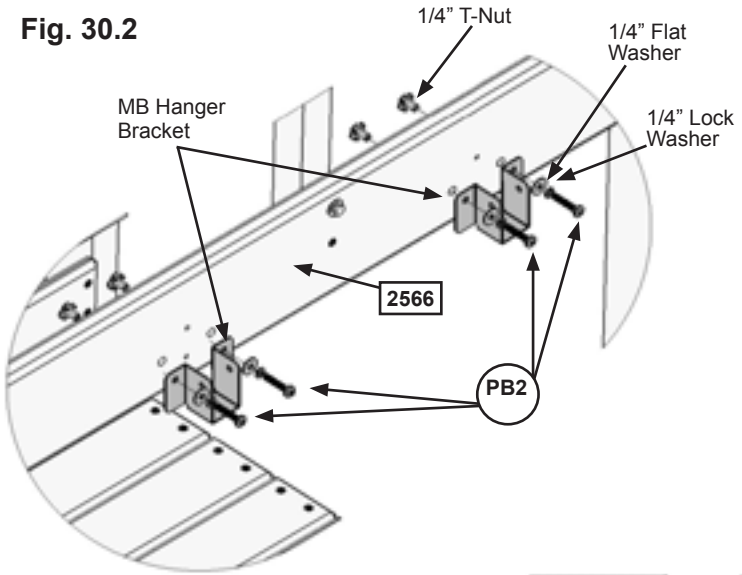
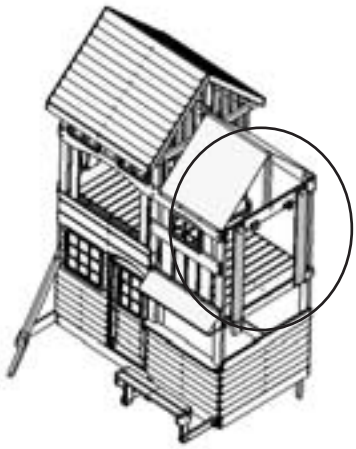
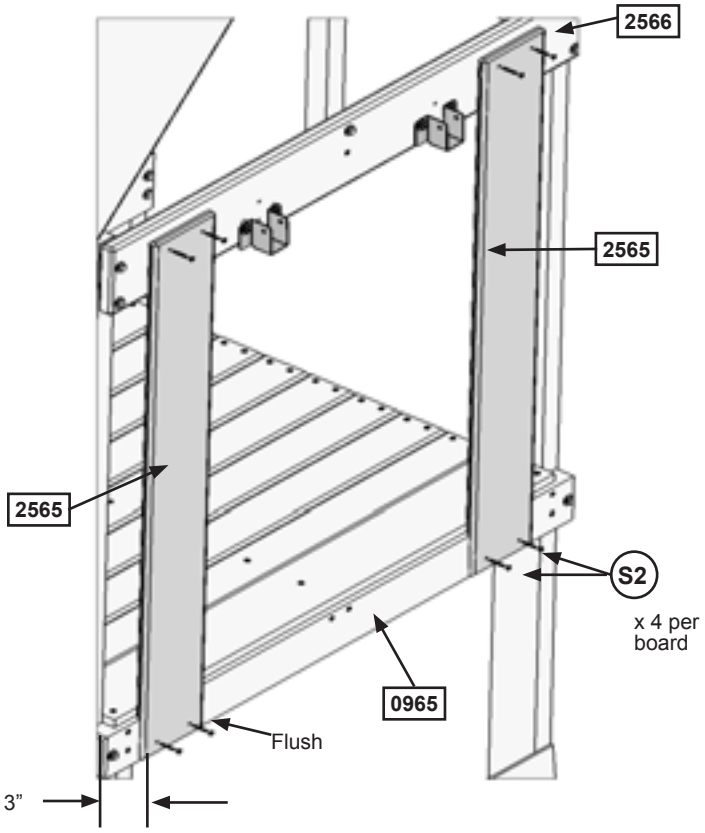


Fig. 30.1



Monkey Wall

Fig. 30.3



Wood Parts

2 x 2565 **CE Wall Board 1 x 6 x 42"**

Hardware

4 x PB2 **1/4 x 1-1/4" Pan Bolt (1/4" lock washer, 1/4" flat washer & 1/4" t-nut)**

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

Other Parts

2 x MB Hanger Bracket

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Step 30: Connect Monkey Bar Assembly to Fort Part 2

C: Place each (1565) MK Rail Short of the Monkey Bar Assembly from Step 9 in each MB Hanger Bracket and attach with 1 (PB5) 1/4 x 2" Pan Bolt (with flat washer x 2 and lock nut) per bracket. (fig. 30.4 & 30.5)

D: From inside the assembly attach (2566) MK Top to each (1565) MK Rail Short with 2 (S4) #8 x 3" Wood Screws per rail. (fig. 30.4 & 30.5)

Fig. 30.4

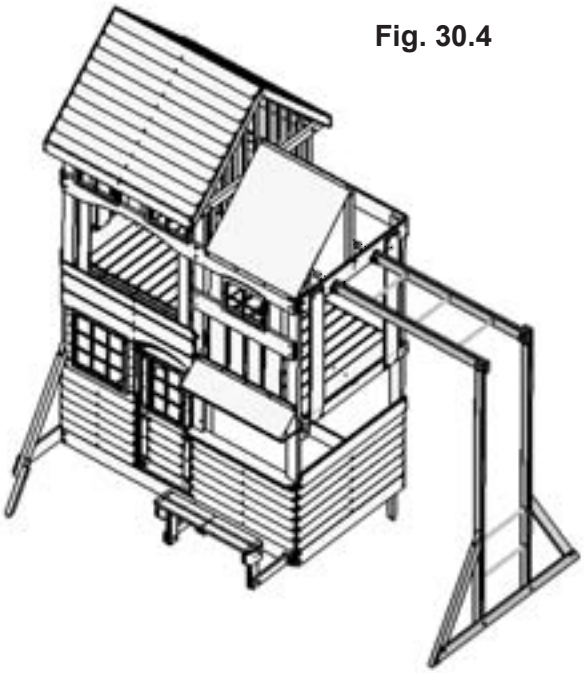
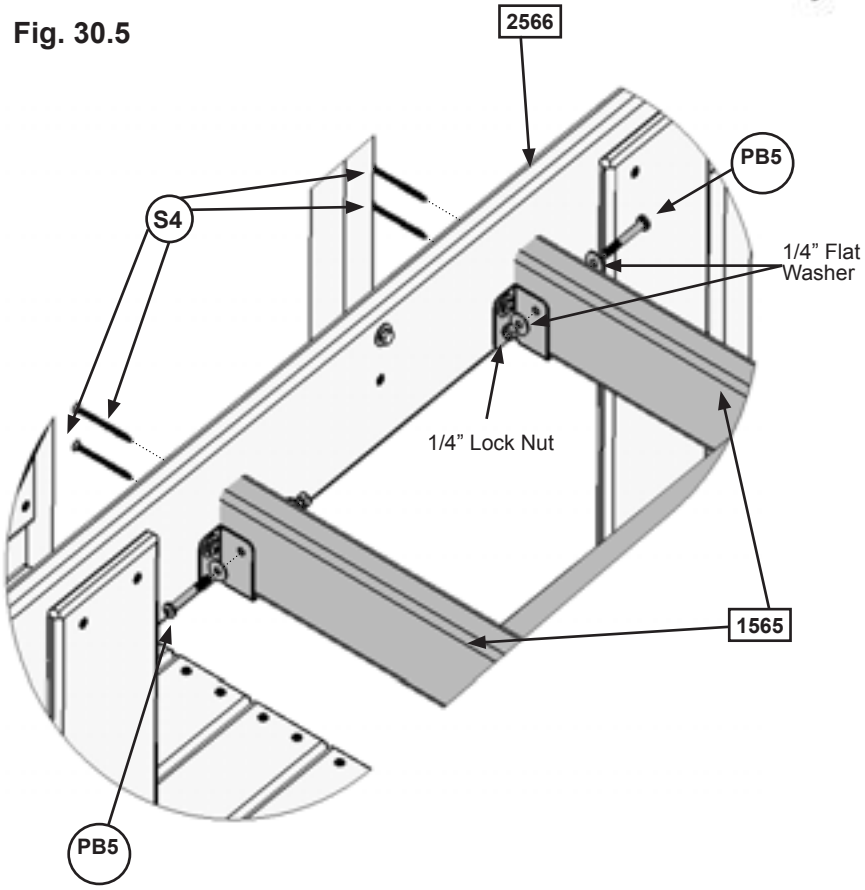


Fig. 30.5



Hardware

2 x (PB5) 1/4 x 2" Pan Bolt (1/4" flat washer x 2 & 1/4" lock nut)

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

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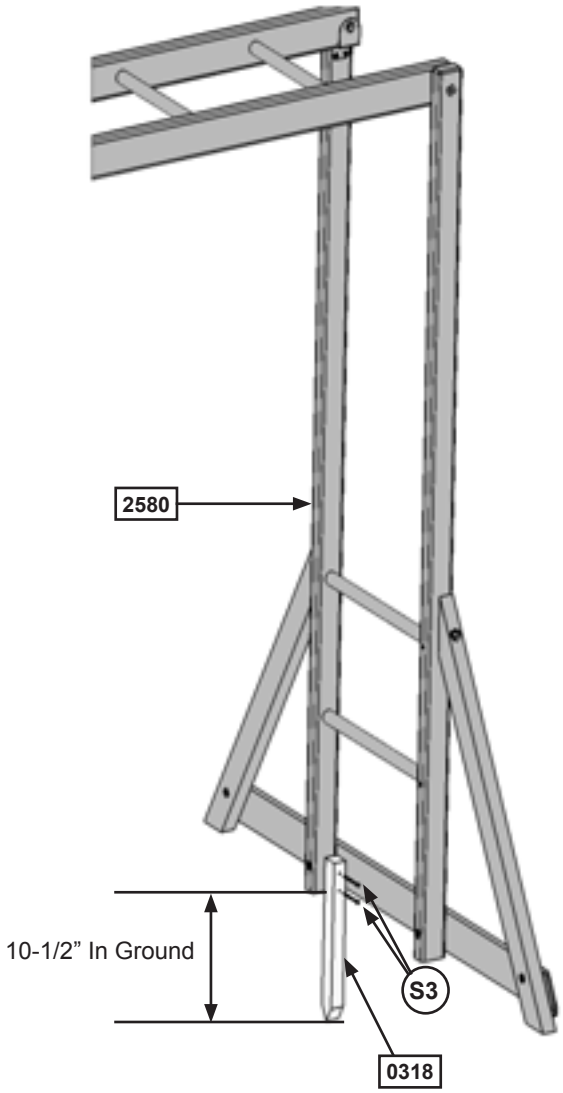
Step 30: Connect Monkey Bar Assembly to Fort
Part 3

E: Drive 1 (0318) Ground Stake 10-1/2” into the ground at one (2580) Post on the inside of the assembly and attach with 2 (S3) #8 x 2-1/2” Wood Screws. (fig. 30.6 and 30.7)

⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 30.6

Fig. 30.7



Wood Parts

1 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14”

Hardware

2 x S3 #8 x 2-1/2” Wood Screw

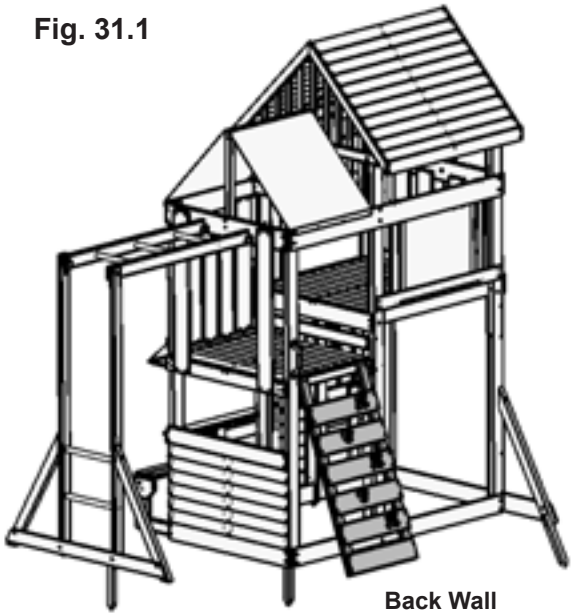
Step 31: Attach Rock Wall to Fort
Part 1

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

A: Place Rock Wall Assembly from Step 2 centred on and flush to top of (2563) Joist. Attach (0349) Rock Rails to (2563) Joist using 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 31.1, 31.2 and 31.3.

B: On the Back Wall measure 1-1/2" up from the top of (2563) Joist and attach 1 Hand Grip to (0945) Short Post and (0955) Long Post with 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer) per Hand Grip. (fig. 31.1, 31.2 and 31.3)

Fig. 31.1



Back Wall

Fig. 31.2

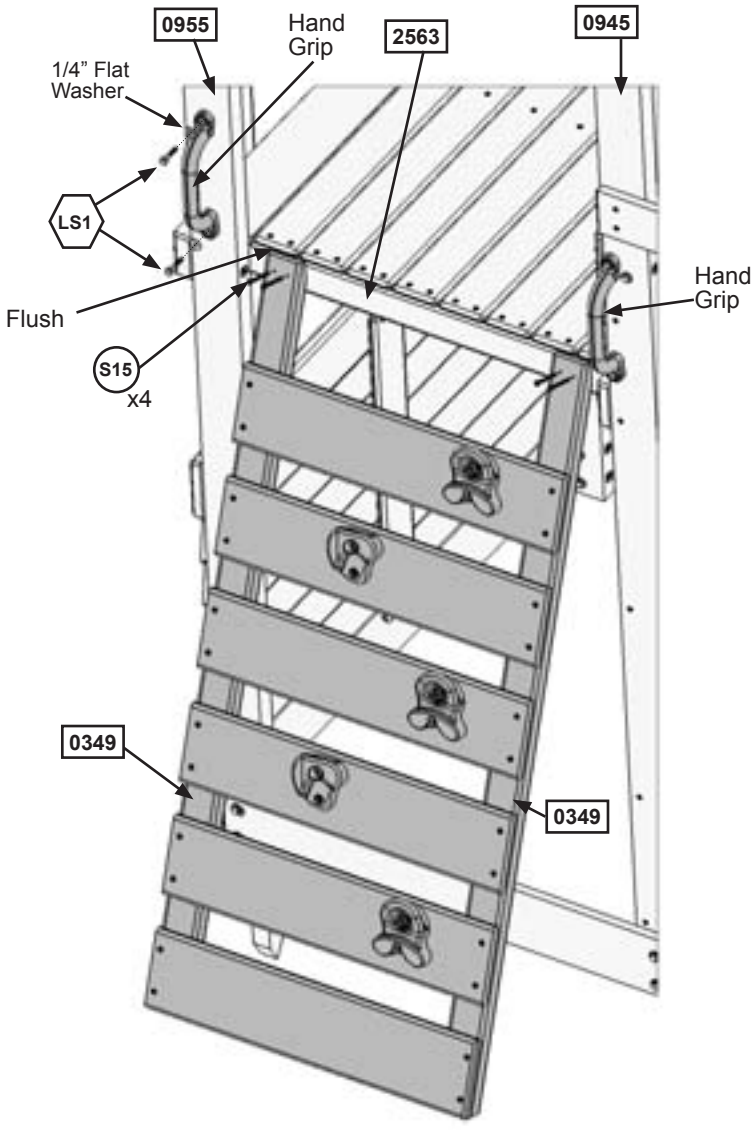
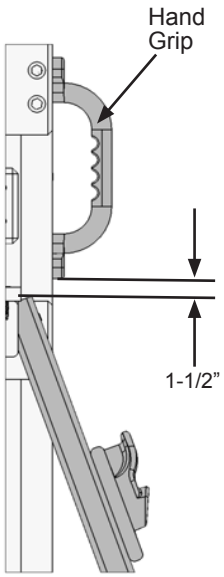


Fig. 31.3
Side View



Hardware

4 x (LS1) **1/4 x 1-1/2" Lag Screw (1/4" flat washer)**

4 x (S15) **#8 x 1-3/4" Wood Screw**

Other Parts

2 x Hand Grip

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Step 31: Attach Rock Wall to Fort
Part 2

C: Attach (0702) CE Wall Board to top of Rock Wall Assembly, flush to top of (0349) Rock Rails using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 31.4 and 31.5)

Fig. 31.4

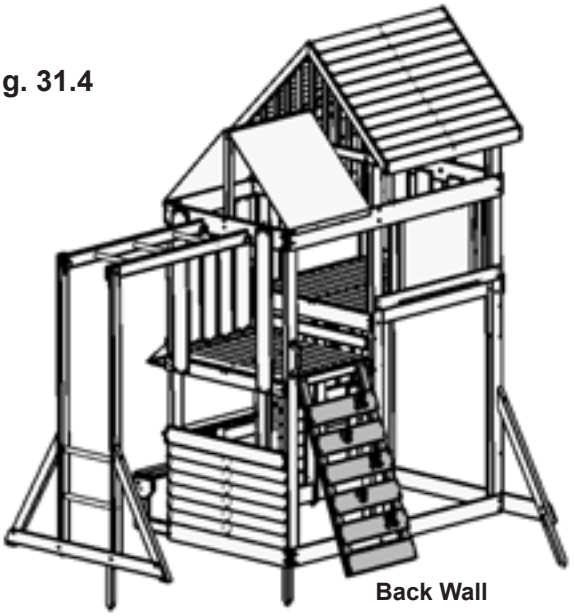
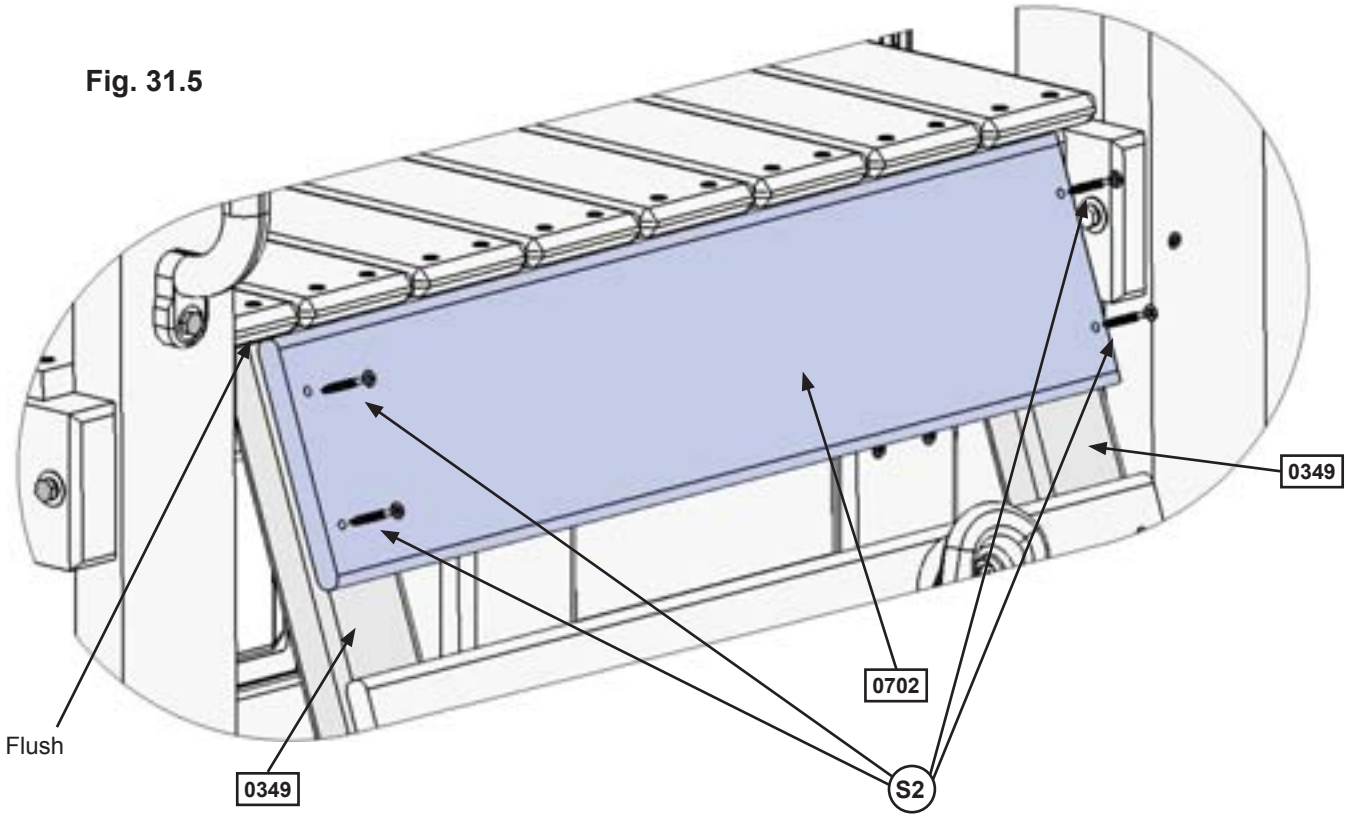


Fig. 31.5



Wood Parts

1 x [0702] CE Wall Board 1 x 6 x 23-1/2"

Hardware

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

Step 32: Attach Swing Assembly to Fort

A: Attach Swing Assembly from Step 5 to (2581) Wall Mount with 1 (G5) 5/16 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut) and 1 (G8) 5/16 x 2” Hex Bolt (with 2 flat washers and 1 lock nut) as shown in fig. 32.1 and 32.2.

B: Drive 1 (0318) Ground Stake 10-1/2” into the ground at each (1863) SW Post and attach with 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 32.1 and 32.3)

⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 32.1

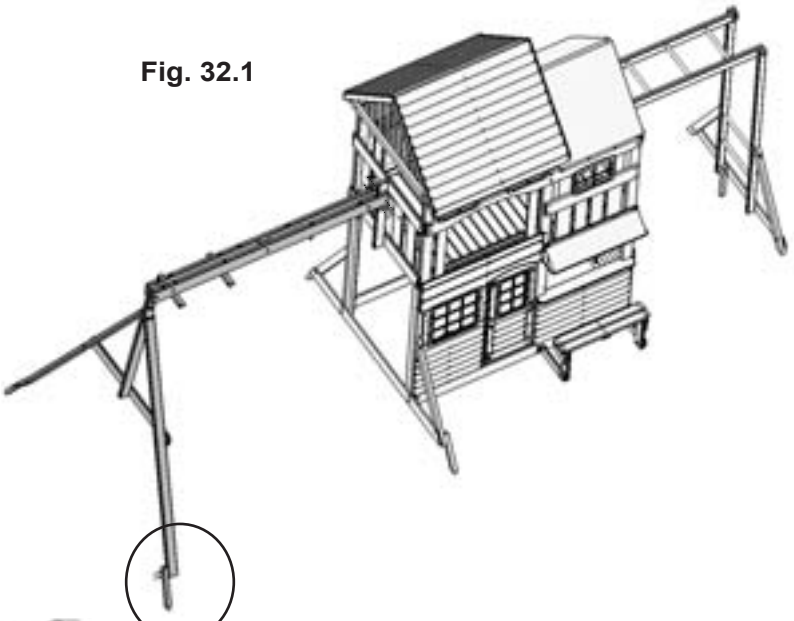


Fig. 32.2

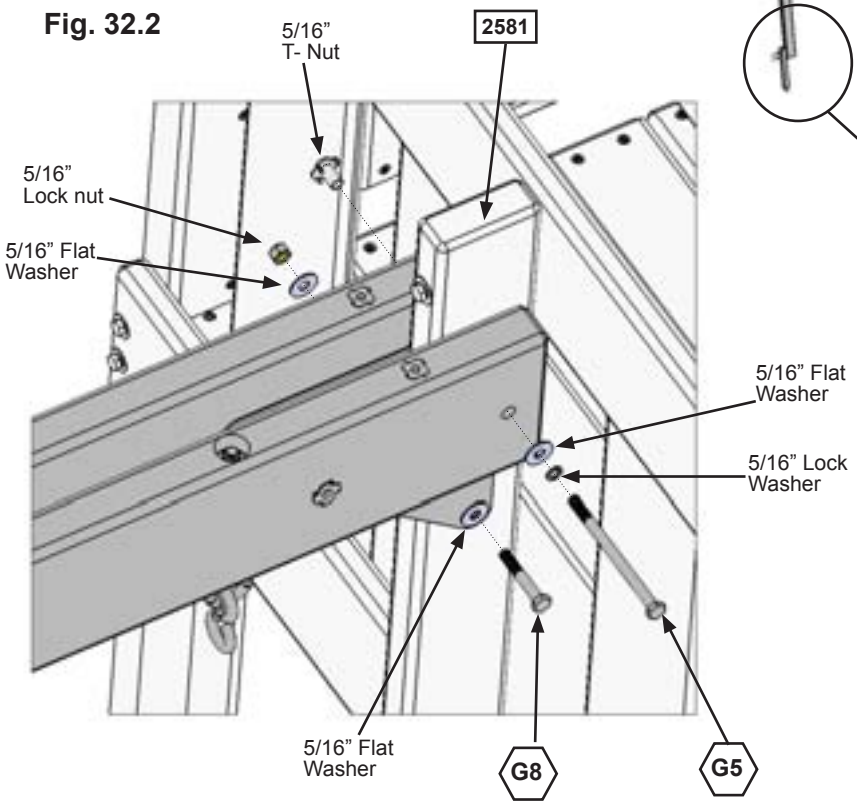
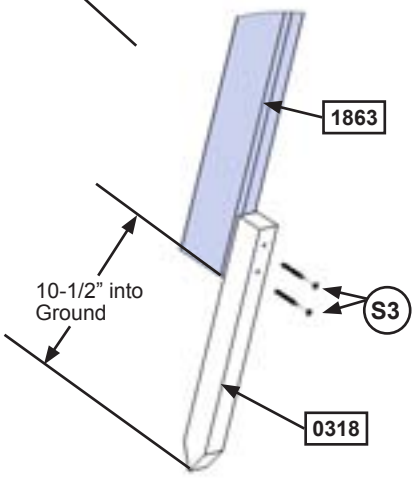


Fig. 32.3



Wood Parts

2 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14”

Hardware

1 x G5 5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)

1 x G8 5/16 x 2” Hex Bolt (5/16” flat washer x 2, 5/16” lock nut)

4 x S3 #8 x 2-1/2” Wood Screw

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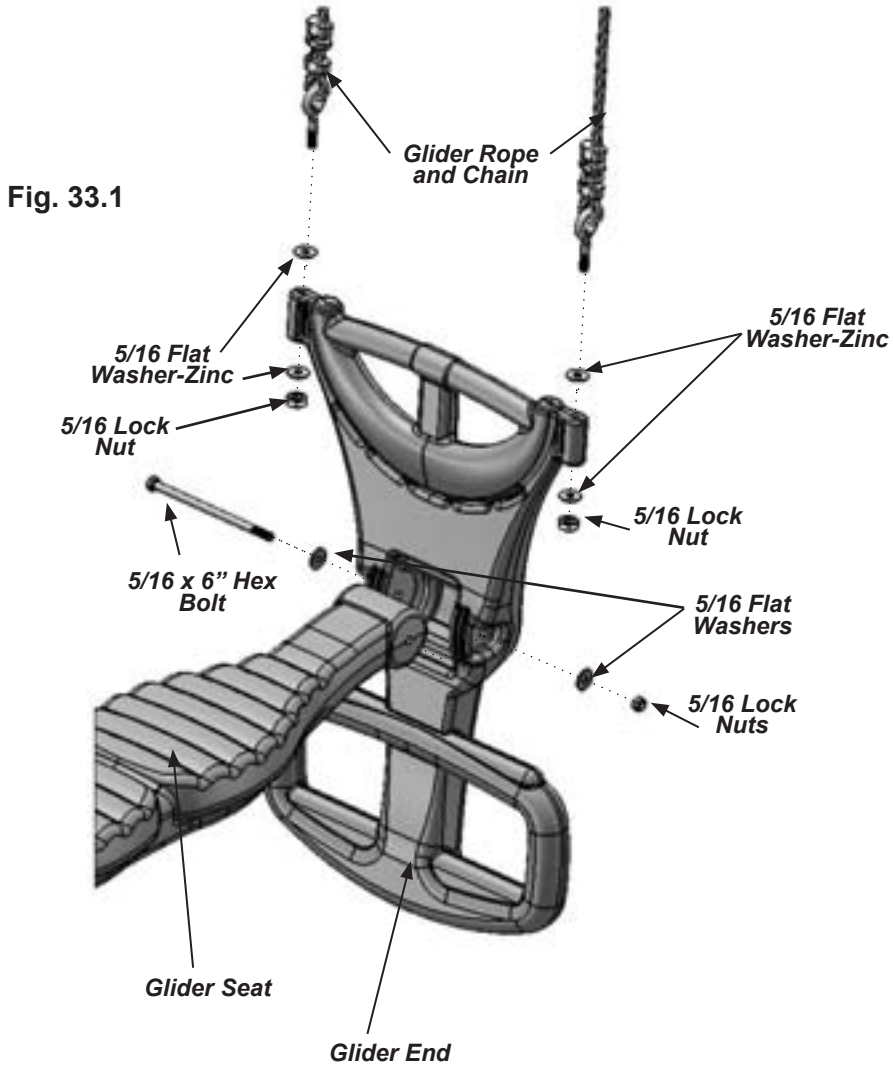
Step 33: Glider Assembly

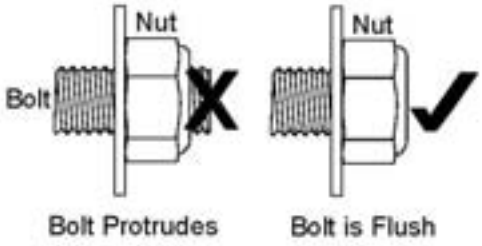
A: Attach 1 Glider End to the Glider Seat using 1 (Z) 5/16 x 6” Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Glider End. (fig. 33.1)

B: Install 2 Glider Rope with Chains into each Glider End using 2 - 5/16” Flat Washers and 1 Lock Nut per rope. (fig. 33.1)

Fig. 33.1



⚠WARNING:Bolt must not exceed 1/2 thread past the nut



Hardware

2 x (Z) 5/16 x 6” Hex Bolt (5/16” flat washer x 2, 5/16” lock nut)

8 x 5/16” Flat Washer

4 x 5/16” Lock Nut

Other Parts

2 x Glider Ends

1 x Glider Seat

1 x Glider Rope and Chain (pkg of 4)

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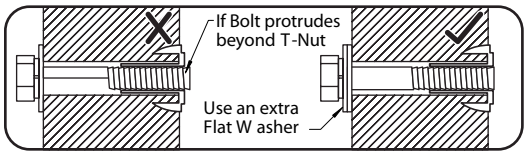
Step 34: Attach Glider and Swings

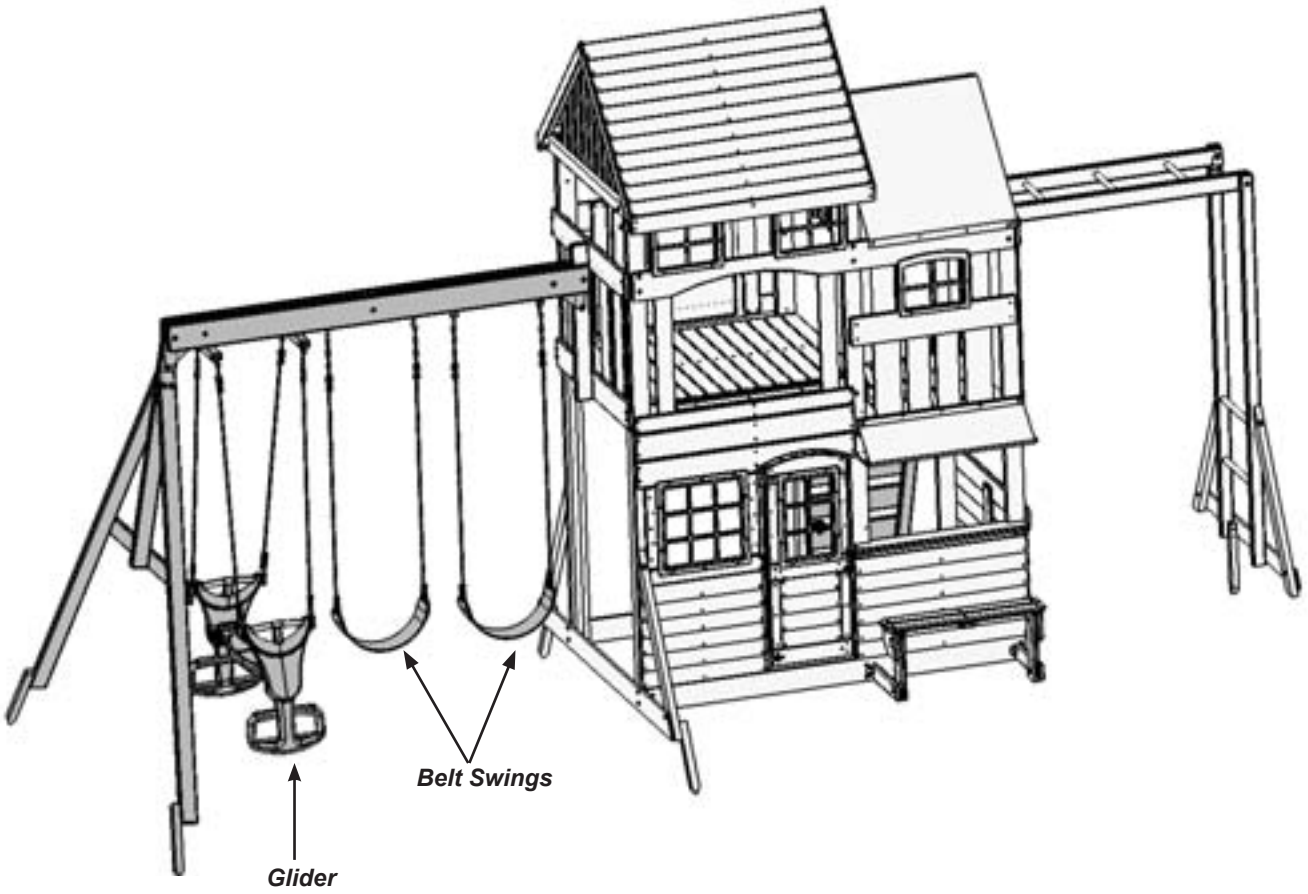
⚠WARNING: Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Connect the assembled Glider to the Glider Hangers previously installed. (fig. 34.1)

B: Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 34.1)

Fig. 34.1



Other Parts

2 x Belt Swings

Step 35: Attach Slide & Flower Box

Pre-drill all holes using a 1/8" drill bit before installing Pan Screws for Slide.

A: Measure 11/16" in from the end of (0839) CE Gap Boards to the center of the hole in the Slide. Place the Slide centred between (5265) Cedar Wall Boards and attach to (0839) CE Gap Boards with 3 (S7) #12 x 2" Pan Screws. (fig 35.1 & 35.2)

B: Place 1 Flower Box centered and tight to the bottom of the Arch Top Window then attach to (0970) Lower Wall with 2 (S13) #6 x 5/8" Pan Screws as shown in fig. 35.1 and 35.3.

Fig. 35.1

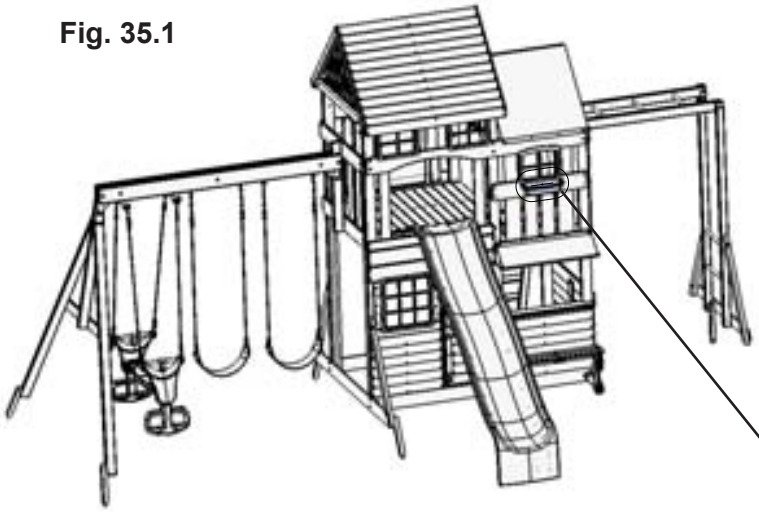


Fig. 35.3

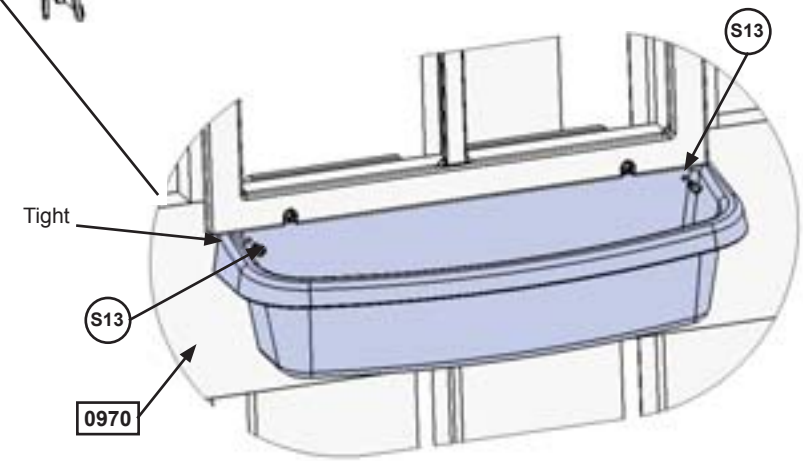
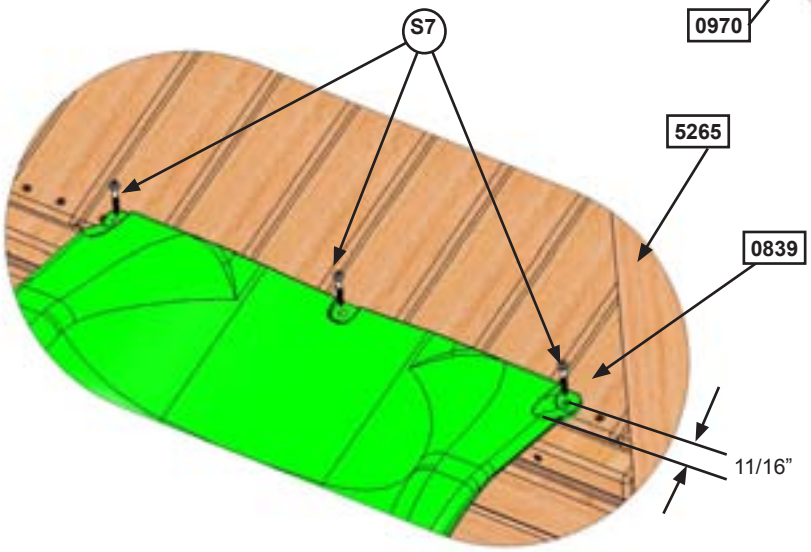


Fig. 35.2



Hardware

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

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

Other Parts

1 x Slide
1 x Flower Box

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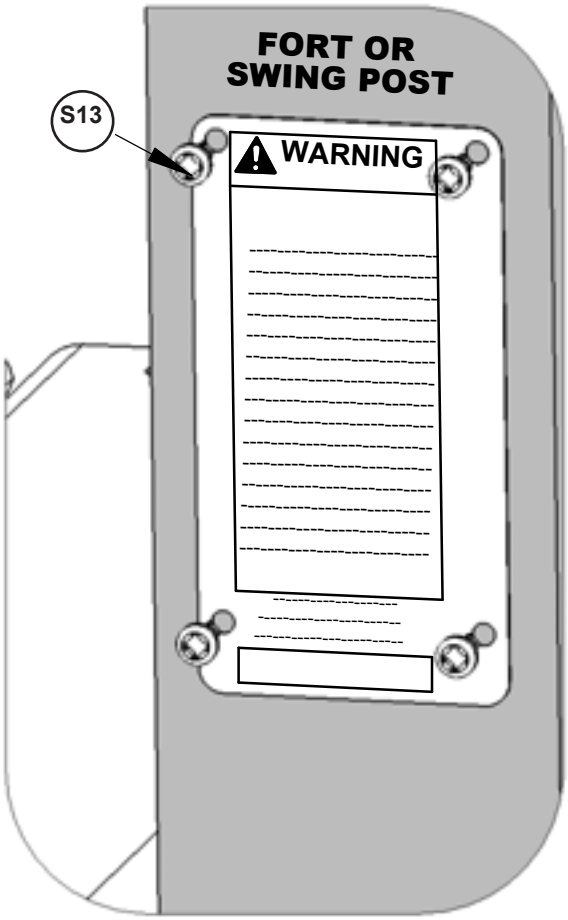
Final Step: Attach I.D. Plaque

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 (S13) #6 x 5/8" Pan Screws to a location on your set that is easily seen and read by a supervisiong adult.

NOTES

NOTES

CEDAR SUMMIT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number | (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

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

How would you rate this product for ease of assembly?

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

How would you rate our instructions?

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

How would you rate the quality of packaging?

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

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

☐ Yes ☐ No

Comments:

MAIL TO:

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

REVISION: 11/28/12

Cedar Summit
PREMIUM PLAY SYSTEMS

Fill out your registration card online at
www.cedarsummitplay.com/registration

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

CUT ALONG LINE