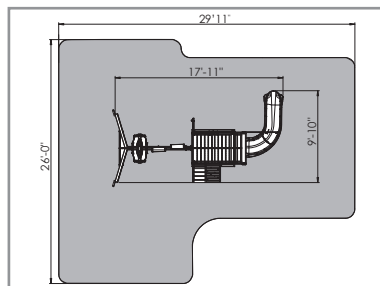


ASHBERRY II PLAY SYSTEM – F23073C

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 - 29'11" x 26' area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6'5"

CAPACITY - 10 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.



Solowave Design

375 Sligo Rd. West, PO Box 10
Mount Forest, ON Canada N0G 2L0

General Inquiries:

8:00am - 4:30pm EST

Toll Free: 1-877-966-3738

support@solowavedesign.com

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Installation of I.D./Warning Plaque	Final Step

Warnings and Safe Play Instructions



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



WARNING

SERIOUS HEAD INJURY HAZARD

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

COLLISION HAZARD

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

CHOKING HAZARD/SHARP EDGES & POINTS

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

WARNING LABEL

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

STRANGULATION HAZARD

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

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

TIP OVER HAZARD

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

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



WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

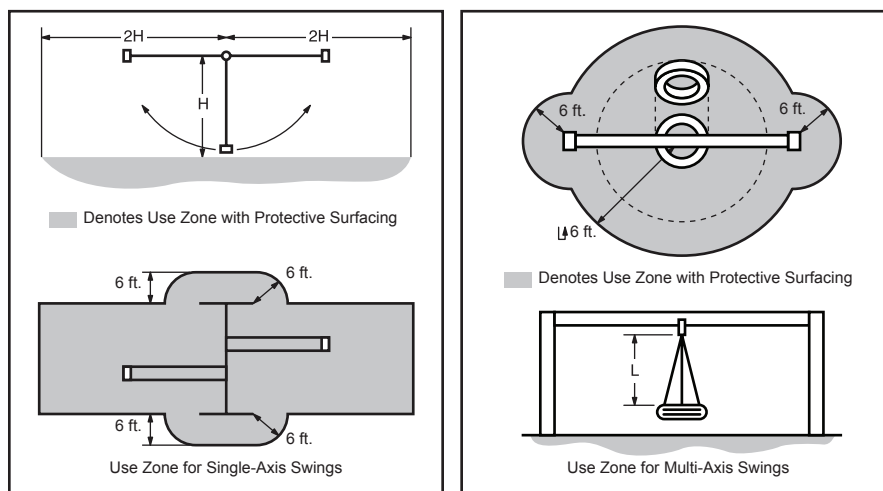
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

Placement

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

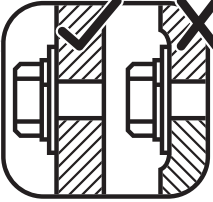
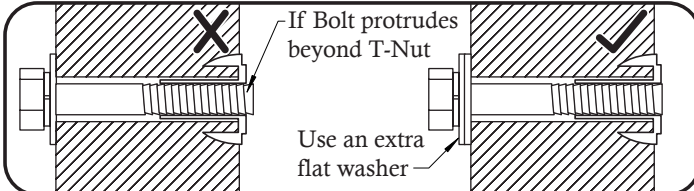
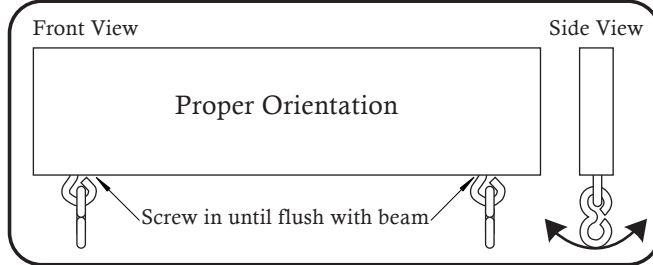
- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius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



Instructions for Proper Maintenance

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

Check the following at the beginning of the play season:

<p>HARDWARE:</p> <ul style="list-style-type: none"> ✓ 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.   <p>SHOCK ABSORBING SURFACING:</p> <ul style="list-style-type: none"> ✓ 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) <p>GROUND STAKES (ANCHORS):</p> <ul style="list-style-type: none"> ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary. 	<p>SWING HANGERS:</p> <ul style="list-style-type: none"> ✓ 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®.  <p>SWINGS, ROPES AND RIDES:</p> <ul style="list-style-type: none"> ✓ 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. <p>WOOD PARTS:</p> <ul style="list-style-type: none"> ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal. ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product
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Check twice a month during play season:

<p>HARDWARE:</p> <ul style="list-style-type: none"> ✓ 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. 	<p>SHOCK ABSORBING SURFACING:</p> <ul style="list-style-type: none"> ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)
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Check once a month during play season:

<p>SWING HANGERS:</p> <ul style="list-style-type: none"> ✓ 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®. 	<p>SWINGS AND RIDES:</p> <ul style="list-style-type: none"> ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.
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Check at the end of the play season:

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

About Our Wood

Solowave Design™ uses only premium playset lumber, ensuring the safest product for your children's use. Although great care has been taken in selecting the best quality lumber available, wood is a product of nature and susceptible to weathering (changes in the aesthetics of the wood). A light sanding may be required to remove minor splinters. For your information, we have described some changes that may occur as a result of weathering:

1. **Checking** Checks are surface cracks in the wood along the grain. 4" x 4" material will experience more checking than 2", 1-1/4" or 1" material because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** Warping refers to any distortion (twisting, cupping) from the true plane that may take place during weathering.
3. **Fading** Wood exposed to sunlight, will over time, turn a grey color.

Note: The above changes will not affect the strength of the product.

What causes weathering?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the moisture moves in or out of the wood (result of climate changes), the different moisture content causes tension in the wood, which can result in checking and or warping.

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

At the factory we have added water repellent to the stain. This water repellent decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the water repellent, applying a water repellent or stain on a yearly basis is important maintenance. (see your local stain and paint supplier for a recommended product) Also if storing the product before installation, make sure you store out of direct sunlight in a cool dry place.

Will weathering affect the strength of my Play System?

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

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

5 Year Limited Warranty

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

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

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

This Limited Warranty does not cover:

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

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

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

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

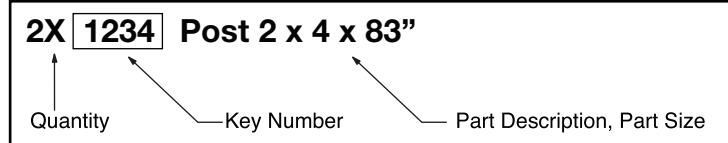
Keys to Assembly Success

Tools Required



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.



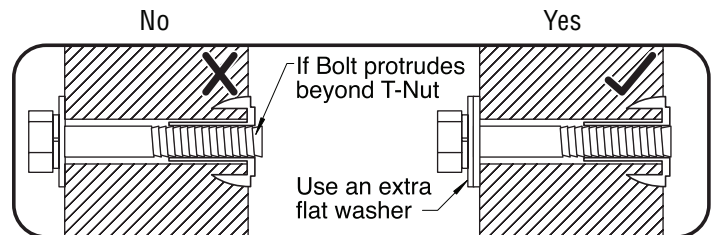
Symbols

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

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

CAUTION – Protrusion Hazard

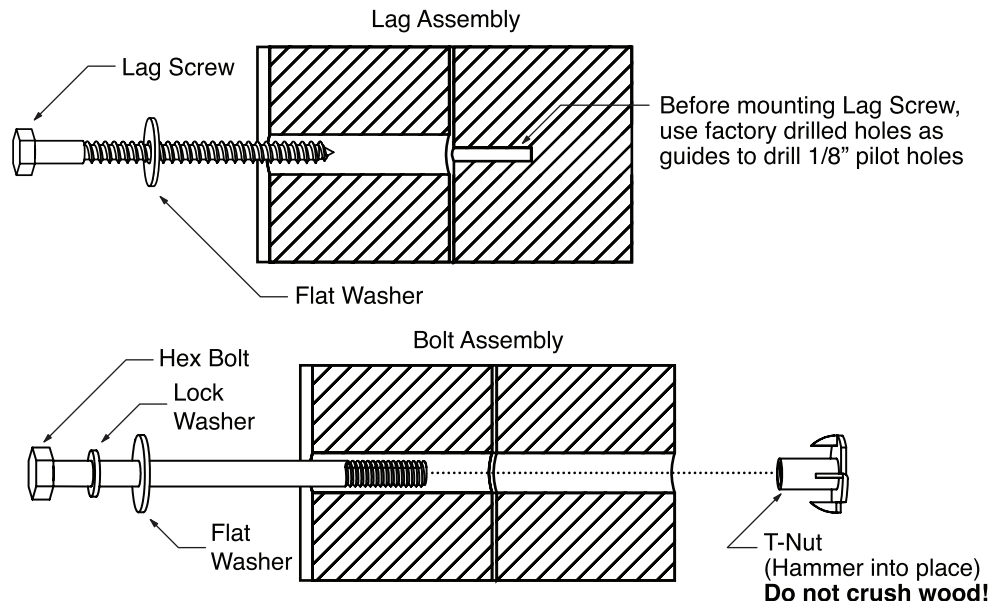
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



Proper Hardware Assembly

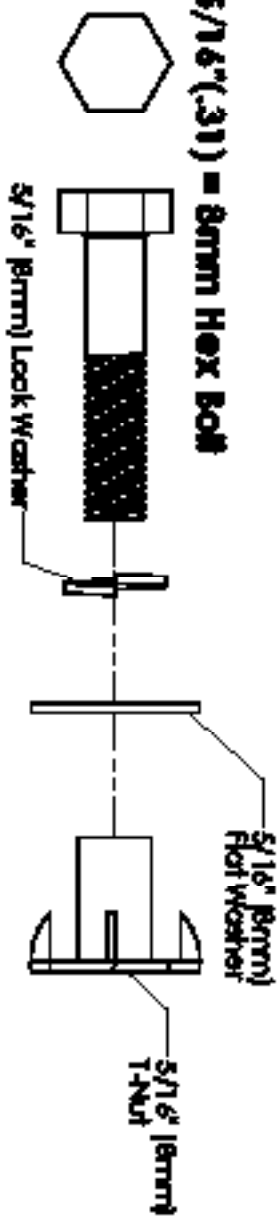
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

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

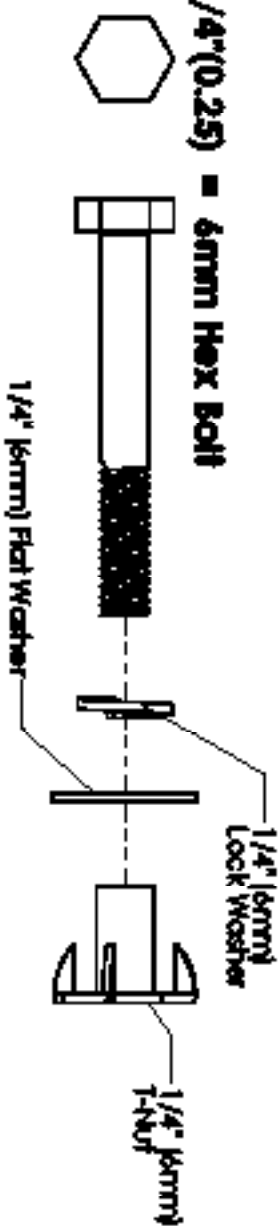


SOLO)WAVE DESIGN HARDWARE

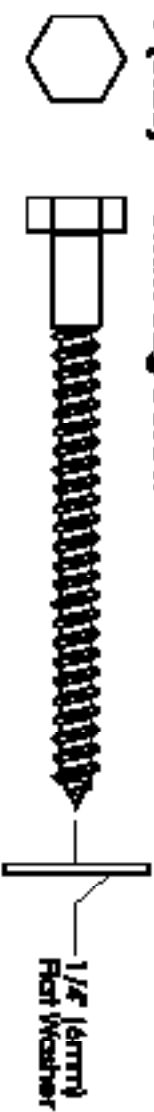
5/16"(.31) = 8mm Hex Bolt



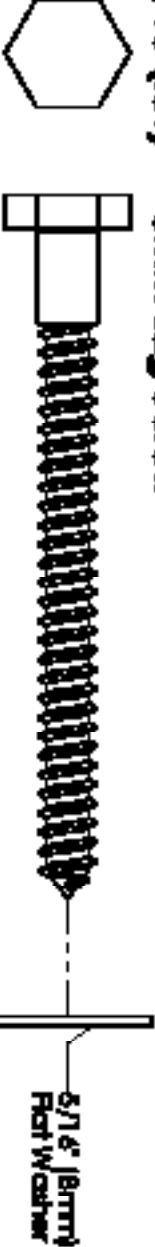
1/4"(0.25) = 6mm Hex Bolt



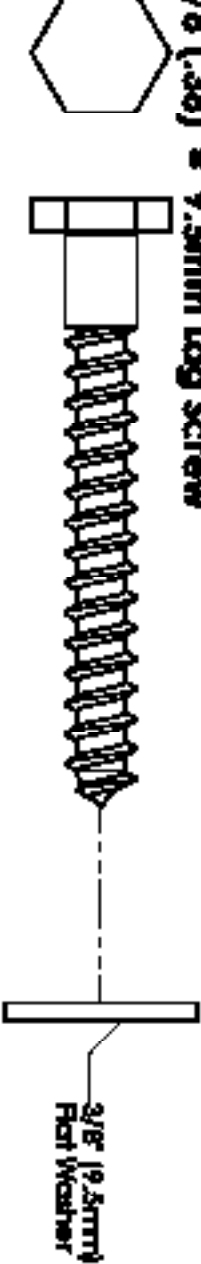
1/4"(0.25) = 6mm Log Screw



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



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



HARDWARE LENGTH CHART
Inches vs millimeters

6	152
5 1/2	140
5	127
4 1/2	114
4	102
3 1/2	89
3	76
2 1/2	64
2	51
1 1/2	38
1 1/4	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

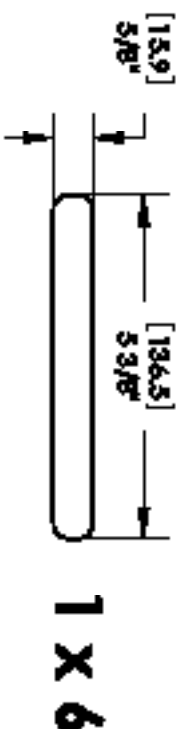
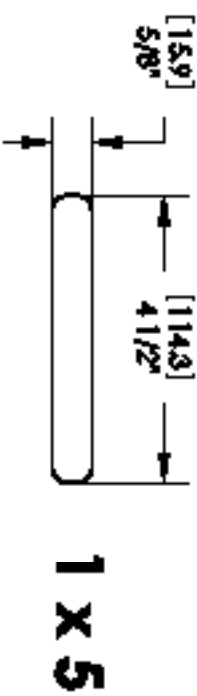
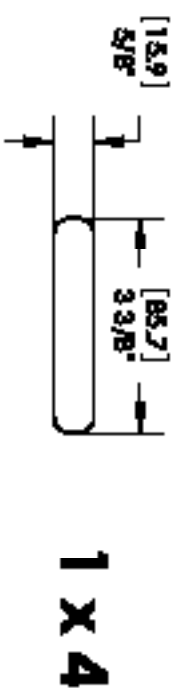
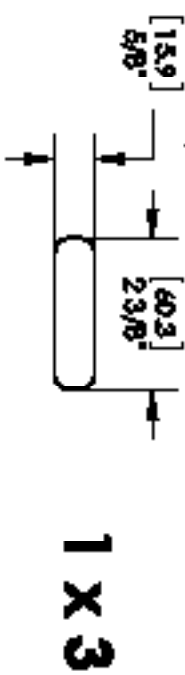
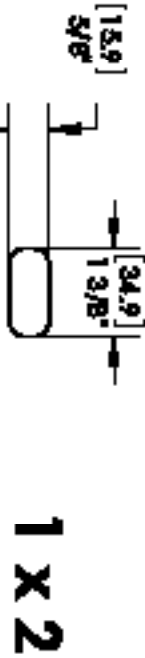
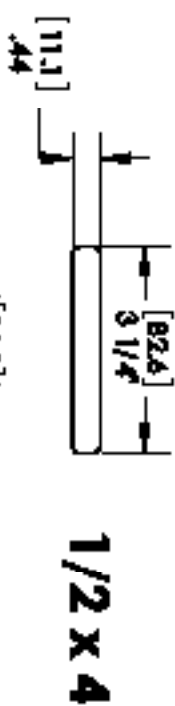
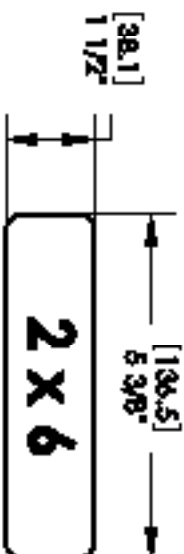
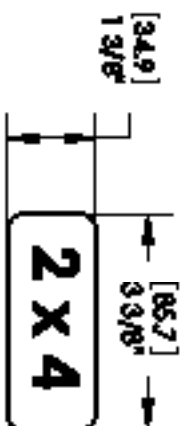
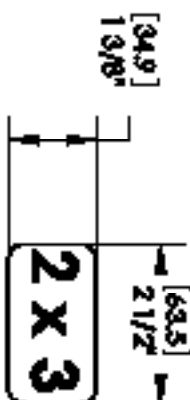
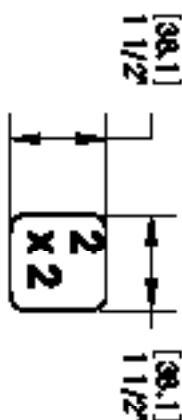
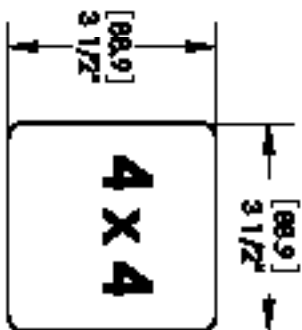
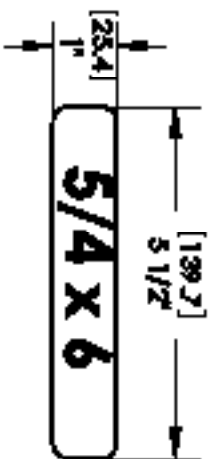
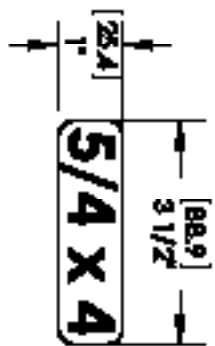
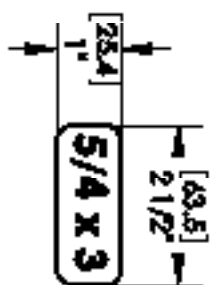
1 inch = 25.4mm

For example:

BOLT LENGTH 4 1/2 (4.5) inches long

4.5 inches x 25.4mm = 114mm long

SOLO)WAVE DESIGN WOOD PROFILES



LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOARD LENGTH 59 1/4 (59.25) inches

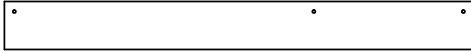
59.25 inches x 25.4mm = 1505mm

Dimensions in brackets (mm) represent millimetres.

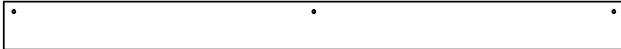
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1/2 x 4	7/16" x 3 1/4"
1 x 2	5/8" x 1 3/8"
1 x 3	5/8" x 2 3/8"
1 x 4	5/8" x 3 3/8"

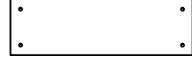
1pc. - **[2160]** - Narrow Siding 3/8 x 3 x 29-5/16" - Box 2 - 3632160



2pc. - **[2155]** - Siding Narrow 3/8 x 3 x 38-3/4" - Box 2 - 3632155



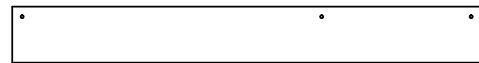
1pc. - **[2050]** - Door Siding Top 3/8 x 3-1/2 x 11-3/8" - Box 2 - 3602050



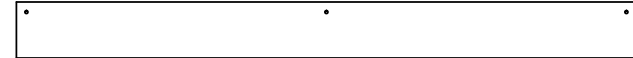
3pc. - **[2051]** - Door Siding 3/8 x 3-1/2 x 11-3/8" - Box 2 - 3602051



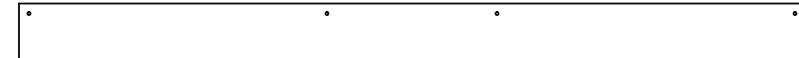
4pc. - **[2159]** - Siding 3/8 x 3-1/2 x 29-5/16" - Box 2 - 3632159



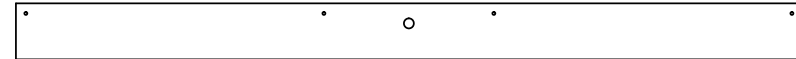
8pc. - **[2116]** - Siding 3/8 x 3-1/2 x 38-3/4" - Box 2 - 3632116



6pc. - **[2128]** - Siding 3/8 x 3-1/2 x 49-1/8" - Box 2 - 3632128



1pc. - **[2162]** - Siding Clock 3/8 x 3-1/2 x 49-1/8" - Box 2 - 3632162



20pc. - **[2156]** - Roofing 3/8 x 3 1/2 x 53-13/16" - Box 2 - 3632156



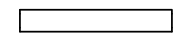
2pc. - **[2052]** - Door Cross 1/2 x 3 3/8 x 15-7/16" - Box 2 - 3602052



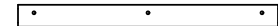
1pc. - **[2053]** - Door Arch 1/2 x 4 1/2 x 15-7/16" - Box 2 - 3602053



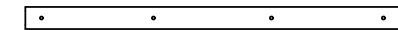
2pc. - **[1740]** - Window Brace 1 x 2 x 9-1/2" - Box 3 - 3641740



2pc. - **[0389]** - Window Frame 1 x 2 x 16 1/4" - Box 3 - 3630389



2pc. - **[2118]** - Front Trim 1 x 2 x 23 3/8" - Box 3 - 3632118

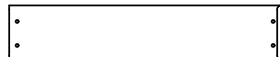


Part Identification (Reduced Part Size)

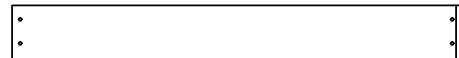
7pc. - **[2133]** - Trim 5/8 x 1 3/4 x 16-1/4" - Box 3 - 3632133



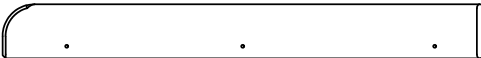
1pc. - **[0850]** - CE Wall Board 1 x 4 x 17" - Box 3 - 3630850



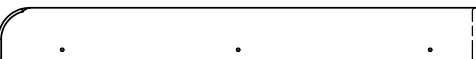
12pc. - **[5265]** - Cedar Wall 1 x 4 x 28" - Box 3 - 3635265



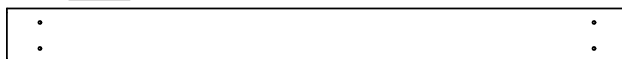
1pc. - **[2108]** - Left Roof Board 1 x 4 x 30" - Box 3 - 3632108



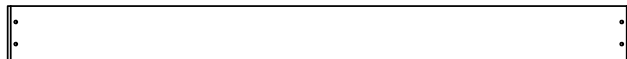
1pc. - **[2109]** - Right Roof Board 1 x 4 x 30" - Box 3 - 3632109



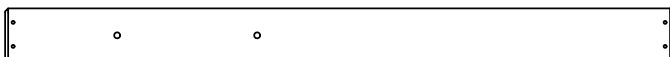
1pc. - **[2136]** - CE Gap Board 1 x 4 x 38 3/4" - Box 3 - 3632136



3pc. - **[2144]** - Lower Bench 1 x 4 x 38 7/8" - Box 2 - 3632144



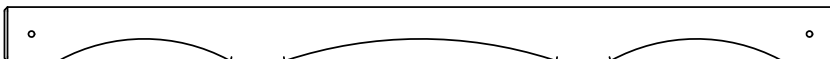
1pc. - **[1205]** - CE Access Wall 1 x 4 x 41 3/4" - Box 3 - 3631205



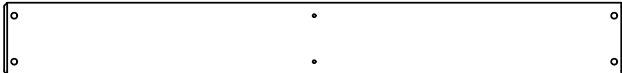
1pc. - **[2114]** - Top Front 1 x 4 x 52" - Box 3 - 3632114



1pc. - **[2145]** - Back Top 1 x 4 x 52" - Box 3 - 3632145



1pc. - **[2127]** - Side Ground 1 x 5 x 38-3/4" - Box 2 - 3632127



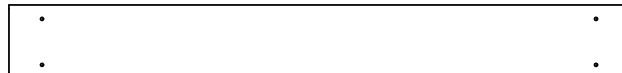
1pc. - **[2134]** - Cedar Gap Board 1 x 5 x 38-3/4" - Box 2 - 3632134



2pc. - **[2104]** - Middle Gap Board 1 x 5 x 38-3/4" - Box 3 - 3632104





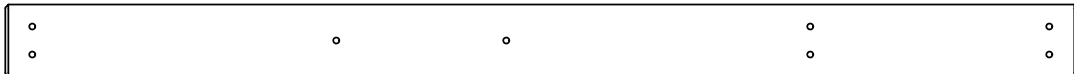


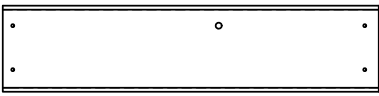


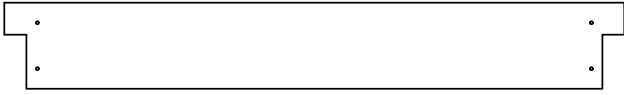
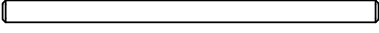
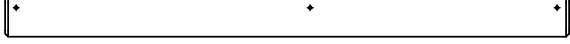
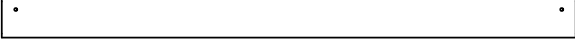
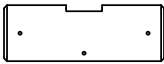
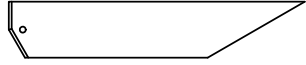
8pc. - **[2158]** - Cedar Floor Board 1 x 5 x 38-3/4" - Box 3 - 3632158



Nominal Size Actual Size

1 x 4	5/8" x 3 3/8"
1 x 5	5/8" x 4 1/2"
1 x 6	5/8" x 5 3/8"

Part Identification (Reduced Part Size)

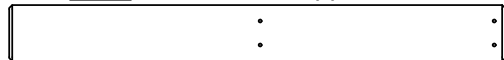
1pc. - [2125] - Middle Front 1 x 5 x 65-5/8" - Box 3 - 3632125	Nominal Size Actual Size
	1 x 5 5/8" x 4 1/2"
1pc. - [2143] - Middle Back 1 x 5 x 65-5/8" - Box 3 - 3632143	1 x 6 5/8" x 5 3/8"
	5/4 x 2 1" x 1 3/8"
2pc. - [2150] - Front Back Ground 1 x 5 x 67" - Box 3 - 3632150	5/4 x 3 1" x 2 1/2"
	5/4 x 4 1" x 3 1/2"
1pc. - [2157] - Ground SW Side 1 x 5 x 81 1/8" - Box 3 - 3632157	
	
2pc. - [2119] - Oval Window 1 x 6 x 8-1/4" - Box 3 - 3632119	
	
4pc. - [0630] - CE Rock Board 1 x 6 x 19-3/4" - Box 3 - 3630630	
	
4pc. - [0631] - CE Rock Board 1 x 6 x 19-3/4" - Box 3 - 3630631	
	
2pc. - [2149] - Top Bottom Rockwall 1 x 6 x 19-3/4" - Box 3 - 3632149	
	
2pc. - [2147] - End Board 1 x 6 x 38 3/4" - Box 2 - 3632147	
	
1pc. - [2139] - SW Wall Support 5/4 x 2 x 23 1/2" - Box 3 - 3632139	
	
1pc. - [2111] - Ladder Top 5/4 x 3 x 35-1/4" - Box 3 - 3632111	
	
2pc. - [2121] - Gable Bottom 5/4 x 3 x 35-7/8" - Box 3 - 3632121	
	
1pc. - [2107] - Door Stop 5/4 x 4 x 10" - Box 3 - 3632107	
	
2pc. - [2113] - Gusset II 5/4 x 4 x 18-1/2" - Box 3 - 3632113	
	

Part Identification (Reduced Part Size)

2pc. - **[2105]** - Bench Post 5/4 x 4 x 14" - Box 2 - 3632105



1pc. - **[2151]** - Back Wall Support 5/4 x 4 x 31" - Box 3 - 3632151



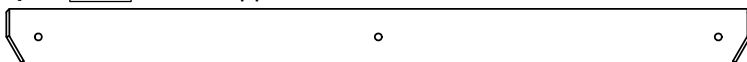
1pc. - **[2131]** - Front Table Top 5/4 x 4 x 32-1/16" - Box 3 - 3632131



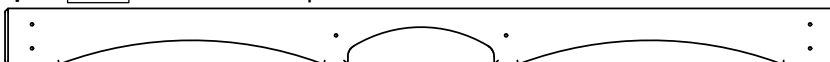
1pc. - **[2103]** - Lower Floor Support 5/4 x 4 x 38-7/8" - Box 2 - 3632103



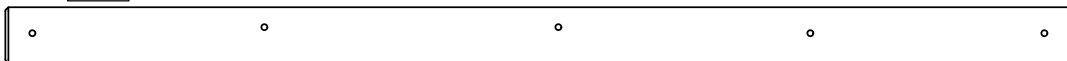
1pc. - **[1862]** - SW Support 5/4 x 4 x 46-1/2" - Box 2 - 3641862



1pc. - **[2115]** - Chalkwall Top 5/4 x 4 x 52" - Box 2 - 3632115



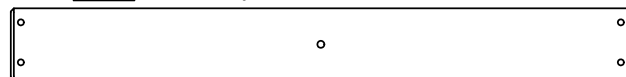
1pc. - **[2123]** - Back Floor 5/4 x 4 x 67" - Box 2 - 3632123



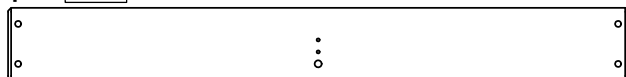
2pc. - **[2138]** - Seat Side 5/4 x 5 x 5-1/2" - Box 2 - 3632138



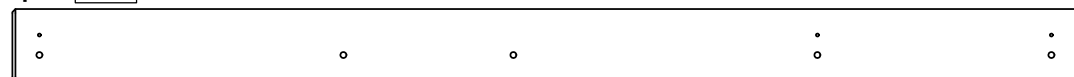
1pc. - **[2106]** - SW Top 5/4 x 5 x 38-3/4" - Box 2 - 3632106



1pc. - **[2126]** - SW Floor 5/4 x 5 x 38-3/4" - Box 2 - 3632126



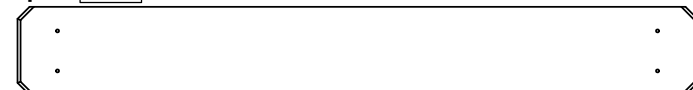
1pc. - **[2124]** - Front Floor 5/4 x 5 x 67" - Box 3 - 3632124



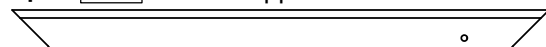
1pc. - **[2141]** - Café Top 5/4 x 6 x 40-7/8" - Box 2 - 3632141



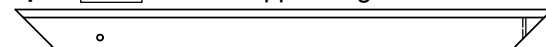
1pc. - **[2148]** - Bench 5/4 x 6 x 42-1/2" - Box 2 - 3632148



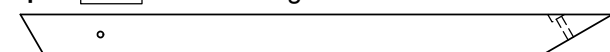
2pc. - **[2132]** - Roof Support Left 2 x 3 x 33-9/16" - Box 2 - 3632132



2pc. - **[2146]** - Roof Support Right 2 x 3 x 33-9/16" - Box 2 - 3632146



1pc. - **[0369]** - Lower Diagonal 2 x 3 x 37" - Box 3 - 3640369

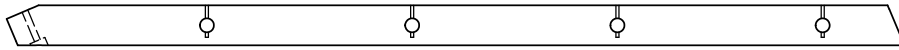


Nominal Size Actual Size

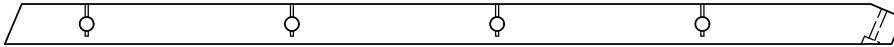
5/4 x 4	1" x 3 1/2"
5/4 x 5	1" x 4 1/2"
5/4 x 6	1" x 5 1/2"
2 x 3	1 3/8" x 2 1/2"

Part Identification (Reduced Part Size)

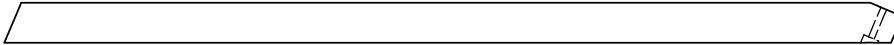
1pc. - **[2101]** - Access Rail Left 2 x 3 x 56-1/8" - Box 3 - 3632101



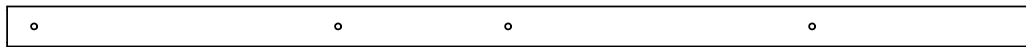
1pc. - **[2100]** - Access Rail Right 2 x 3 x 56-1/8" - Box 2 - 3632100



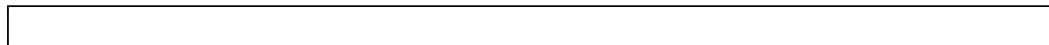
1pc. - **[2117]** - Rock Rail 2 x 3 x 56-1/8" - Box 3 - 3632117



2pc. - **[2120]** - Floor Front Back 2 x 3 x 64-1/4" - Box 2 - 3632120



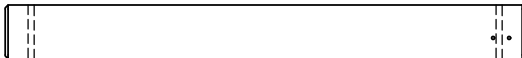
1pc. - **[2142]** - Floor Joist 2 x 3 x 65-5/8" - Box 2 - 3632142



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



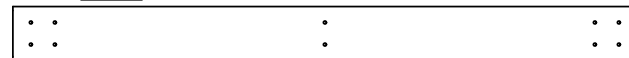
2pc. - **[2112]** - SL Post 2 x 4 x 32-1/2" - Box 2 - 3632112



1pc. - **[2130]** - SW Mount 2 x 4 x 34-1/2" - Box 2 - 3632130



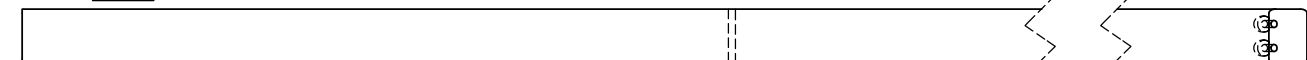
1pc. - **[2122]** - SL Floor End 2 x 4 x 38-7/8" - Box 2 - 3632122



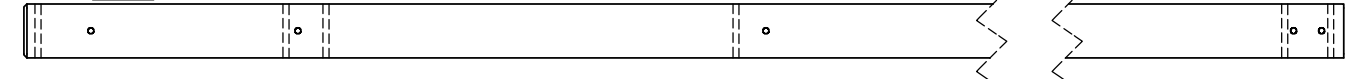
1pc. - **[1856]** - SW Upright 2 x 4 x 48-5/16" - Box 2 - 3641856



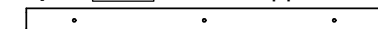
2pc. - **[1863]** - SW Post 2 x 4 x 86-11/16" - Box 3 - 3641863



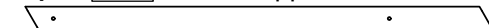
4pc. - **[2153]** - Post 2 x 4 x 96-1/2" - Box 2 - 3632153



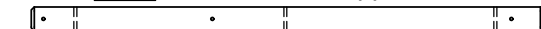
2pc. - **[2135]** - Wall Support 2 x 2 x 22-1/4" - Box 2 - 3632135



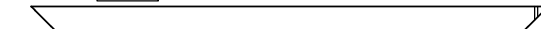
2pc. - **[2152]** - Roof Support 2 x 2 x 29-1/4" - Box 3 - 3632152



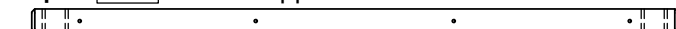
1pc. - **[2102]** - Front Table Support 2 x 2 x 32" - Box 2 - 3632102



2pc. - **[2161]** - Roof Joist 2 x 2 x 32-5/16" - Box 3 - 3632161



1pc. - **[2129]** - Café Support 2 x 2 x 40-3/8" - Box 3 - 3632129

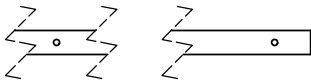
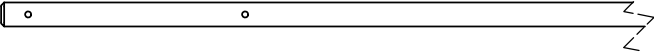


Nominal Size Actual Size

2 x 2	1½" x 1½"
2 x 3	1¾" x 2½"
2 x 4	1¾" x 3¾"

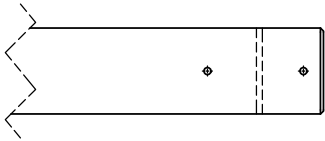
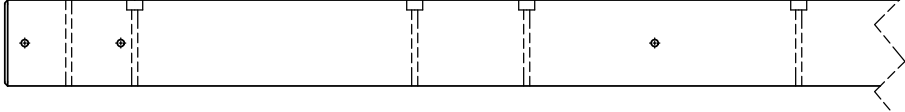
Part Identification (Reduced Part Size)

2pc. - **[2154]** - Front Post 2 x 2 x 94" - Box 2 - 3632154




Nominal Size		Actual Size
2 x 2		1½" x 1½"
2 x 6		1½" x 5⅝"

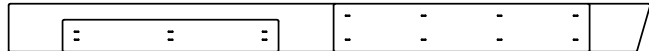
1pc. - **[1825]** - Back Beam 2 x 6 x 83-5/8" - Box 3 - 3631825



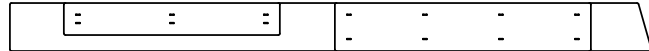
1pc. - **[1826]** - Front Beam 2 x 6 x 83-5/8" - Box 3 - 3631826



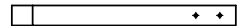
1pc. - **[2057]** - Door Side Right 1 1/4 x 3 x 40 1/8" - Box 3 - 3602057




1pc. - **[2058]** - Door Side Left 1 1/4 x 3 x 40 1/8 " - Box 3 - 3602058




5pc. - **[0318]** - Ground Stake 2 x 2 x 14" - Box 1 - 3650318



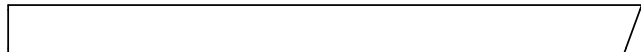
4pc. - **[1578]** - Dowel Tennon 1-1/8 x 15-7/8" - Box 1 - 3681578



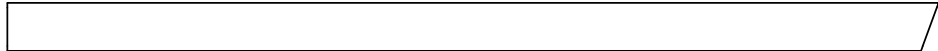
1pc. - **[2110]** - SL Ground 1 x 5 x 44-3/4" - Box 1 - 3632110




1pc. - **[2140]** - Short Upright 2 x 3 x 33" - Box 1 - 3632140



1pc. - **[2137]** - SL Upright 2 x 3 x 48-1/2" - Box 1 - 3632137

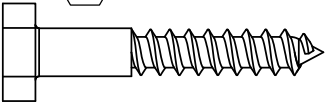


1pc. - **[4909]** - SW Block 5/4 x 4 x 3-1/2" - Box 1 - 3644909

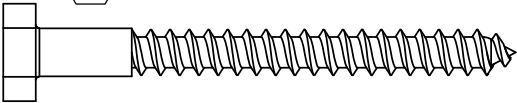


Hardware Identification (Actual Size)

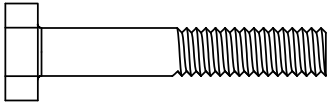
2pc. **LS1** - Lag Screw 1/4 x 1-1/2" - (9262212)



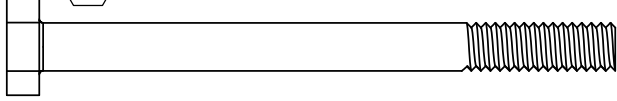
1pc. **LS2** - Lag Screw 1/4 x 2-1/2" - (9272222)



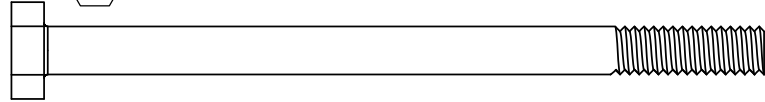
4pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (9277212)



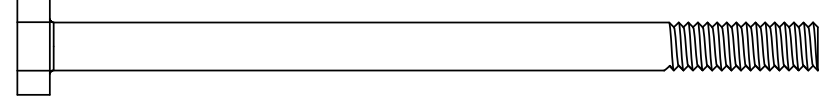
4pc. **H12** - Hex Bolt 1/4 x 3" - (9277230)



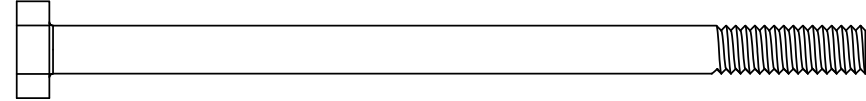
6pc. **H15** - Hex Bolt 1/4 x 3-3/4" - (53702233)



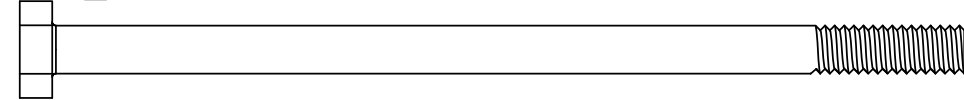
10pc. **H4** - Hex Bolt 1/4 x 4" - (9277240)



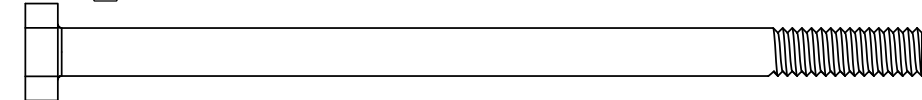
1pc. **H8** - Hex Bolt 1/4 x 4-1/4" - (9277241)



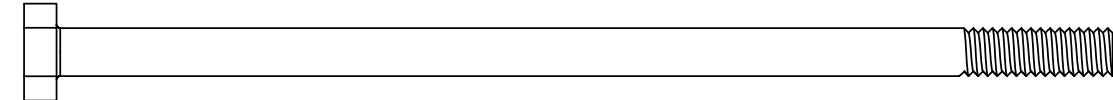
4pc. **H6** - Hex Bolt 1/4 x 4-3/4" - (9277243)



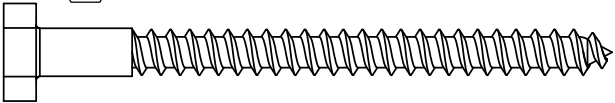
8pc. **H5** - Hex Bolt 1/4 x 4-1/2" - (9277242)



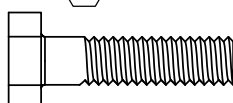
4pc. **H7** - Hex Bolt 1/4 x 5-1/2" - (9277252)



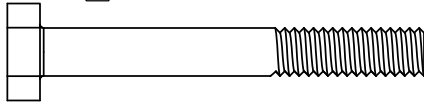
7pc. **LS3** - Lag Screw 1/4 x 3" - (9262230)



2pc. **H0** - Hex Bolt 1/4 x 1" - (9277210)

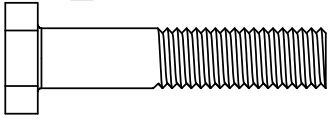


23pc. **H2** - Hex Bolt 1/4 x 2" - (9277220)

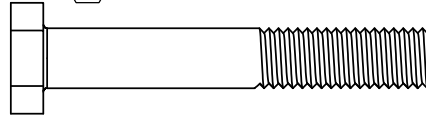


Hardware Identification (Actual Size)

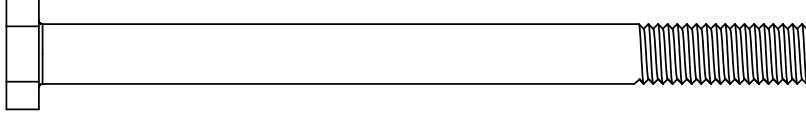
4pc. **G1** - Hex Bolt 5/16 x 1-1/2" - (9277312)



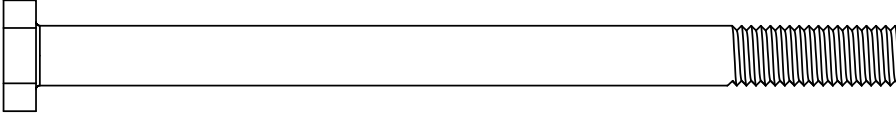
2pc. **G8** - Hex Bolt 5/16 x 2" - (9277320)



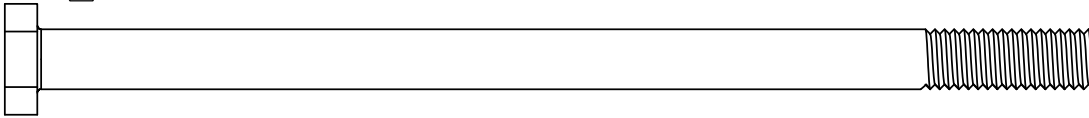
2pc. **G4** - Hex Bolt 5/16 x 4" - (9277340)



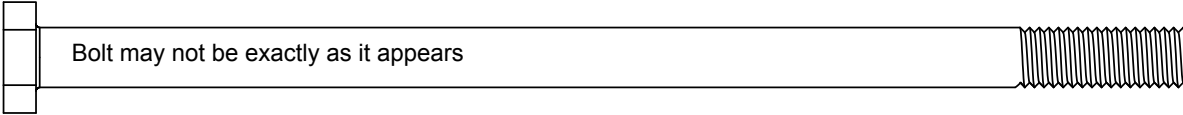
7pc. **G5** - Hex Bolt 5/16 x 4-1/2" - (9277342)



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

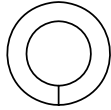


2pc. 5/16 Glider Long Bolt

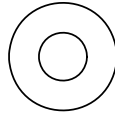


Hardware Identification (Actual Size)

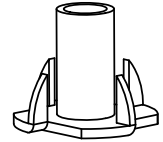
13pc. **LW2** - 5/16" Lock Washer - (9253300)



15pc. **FW0** - 3/16" Flat Washer - (9251100)



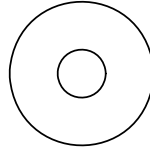
66pc. **TN1** - 1/4" T - Nut -(9285200)



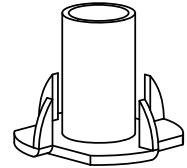
74pc. **LW1** - 1/4" Lock Washer - (9253200)



92pc. **FW1** - 1/4" Flat Washer - (9251200)



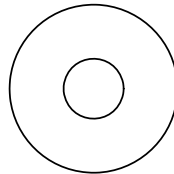
13pc. **TN2** - 5/16" T- Nut - (9285300)



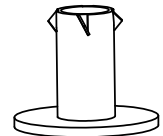
12pc. **LN2** - 5/16" Lock Nut - (9283300)



37pc. **FW2** - 5/16" Flat Washer - (9251300)



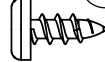
8pc. **BN1** - 1/4" Barrel Nut - (9248200)



143pc. **S0** /**S22** - Truss Screw #8 x 7/8" - (9229505)



40pc. **S13** - Pan Screw #6 x 5/8" - (9264990)



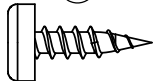
18pc. **S10** - Pan Screw #8 x 1" - (9264510)



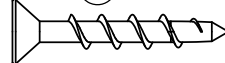
4pc. **S18** - Wood Screw #6 x 1" - (9260910)



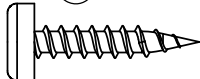
19pc. **S8** - Pan Screw #12 x 3/4" - (9264603)



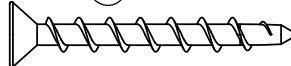
96pc. **S1** - Wood Screw #8 x 1-1/8" - (52042514)



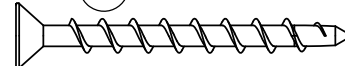
5pc. **S6** - Pan Screw #12 x 1" - (9264610)



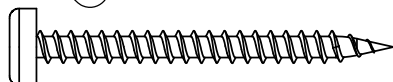
146pc. **S2** - Wood Screw #8 x 1-1/2" - (52042512)



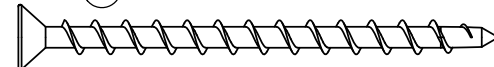
22pc. **S15** - Wood Screw #8 x 1-3/4" - (52042513)



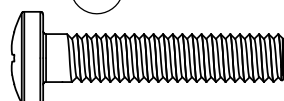
39pc. **S7** - Pan Screw #12 x 2" - (9264620)



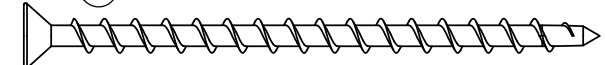
33pc. **S3** - Wood Screw #8 x 2-1/2" - (52042522)



8pc. **PB2** - Pan Bolt 1/4 x 1-1/4" - (9274211)



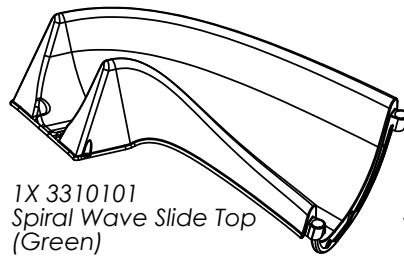
11pc. **S4** - Wood Screw #8 x 3" - (52042530)



Part Identification (Reduced Part Size)



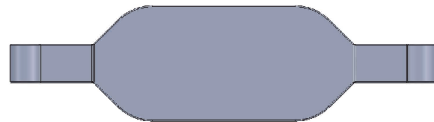
2X 9320240
Hand Grip



1X 3310101
Spiral Wave Slide Top
(Green)



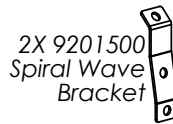
1X 3320351
Big Backyard
Plaque



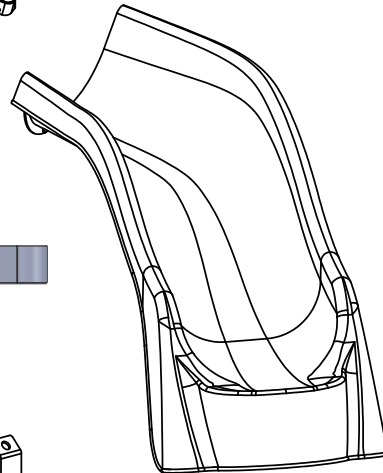
1X Glider Seat



2X 3320184 Rocks (4pk)
2-Green 2-Yellow



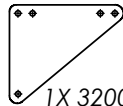
2X 9201500
Spiral Wave
Bracket



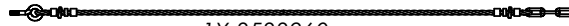
1X 3310103
Spiral Wave Slide Bottom
(Green)



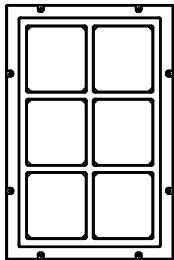
1X 3320356
Big Backyard I.D.
Plaque w hardware



1X 3200184
Triangle Plate (4pk)



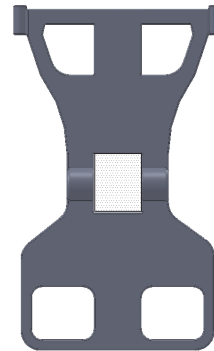
1X 3533860
39" Glider Rope & Chain
(4pk) w. welded chain



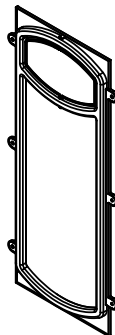
1X 9320146
Small Window



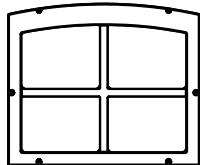
1X 9320148
Oval Window



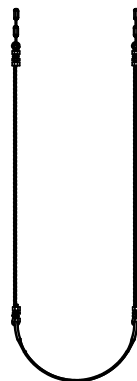
2X Glider End



1X 3320715
Spin Chalk Sign



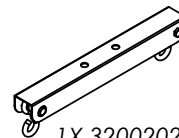
2X 9320175
Arch Top Window



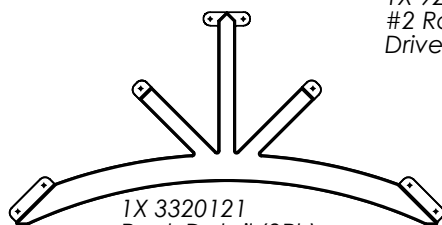
2X 3724943
42" Belt Swing Yellow
w. welded chain



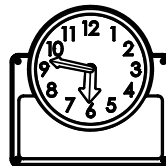
1X 9200014
#2 Roberston
Driver



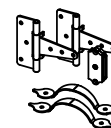
1X 3200202
Glider Hanger (2pk)



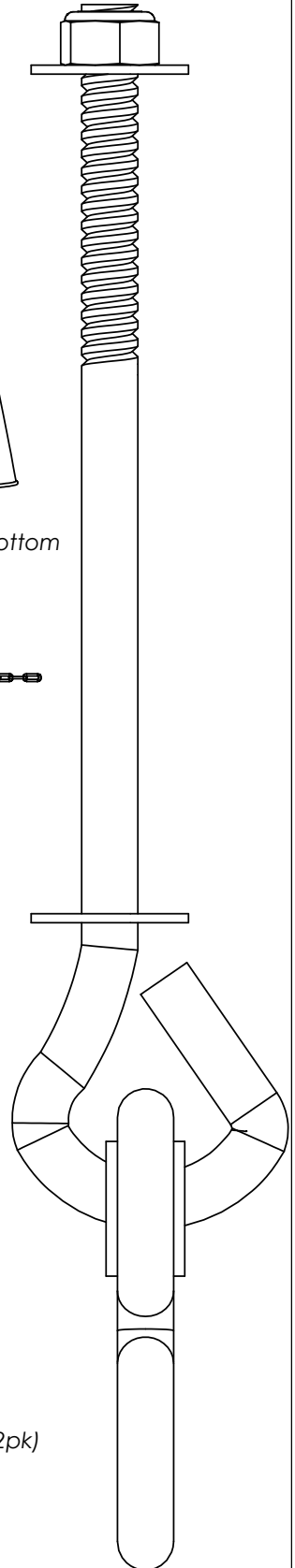
1X 3320121
Peak Detail (2Pk)



1X 3320124
Clock Assembly

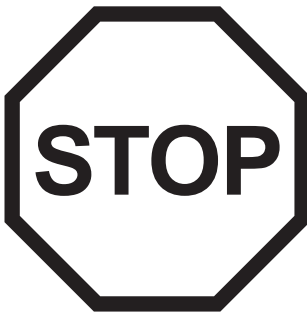
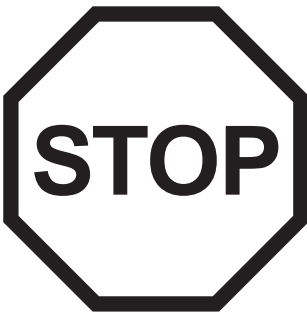
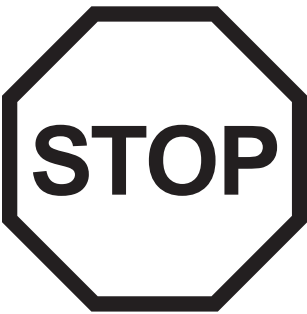


1X 3201710
Door Hardware



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

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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support@solowavedesign.com

- C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 6.
- D. Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the Big Backyard ID Plaque (3320356).
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: **F23073C**

CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 1)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 4)
CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 2)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 5)
CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 3)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 2: Access Ladder / Rockwall Assembly Part 1



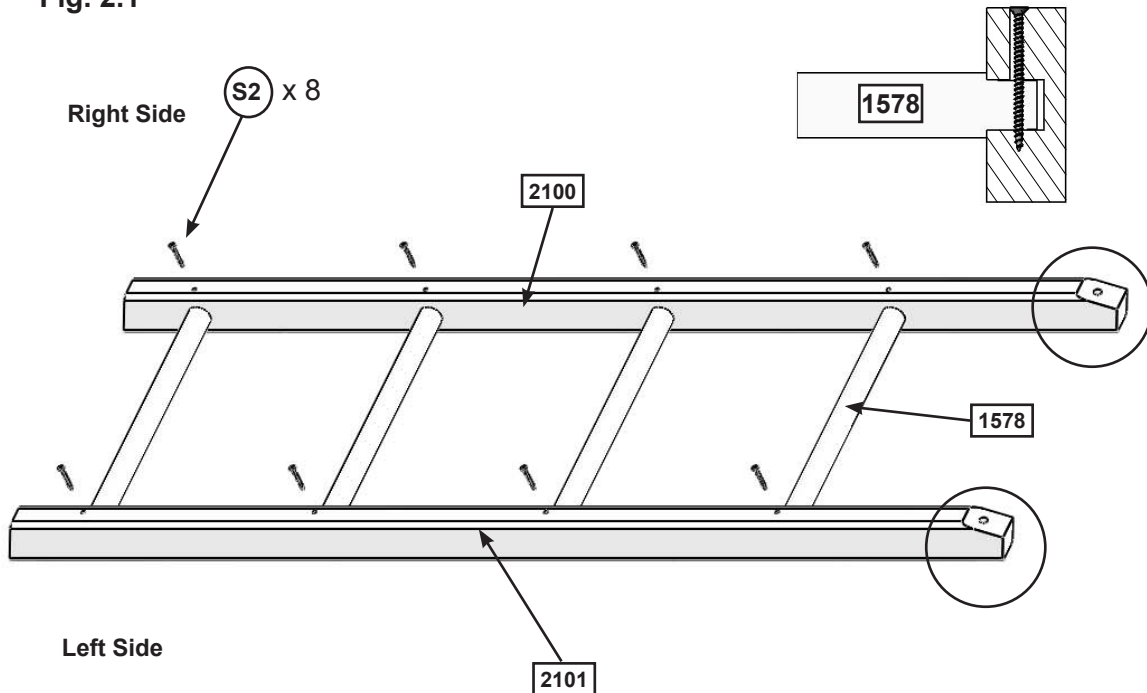
Pre-drill all pilot holes using a 1/8" drill bit before installing wood screws.

A: Insert 4 (1578) 1-1/8 x 15-7/8" Dowels into (2100) Access Rail Right and (2101) Access Rail Left as shown in fig. 2.1.

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. 2.1)

C: Attach (1578) 1-1/8 x 15-7/8" Dowels to both rails with 2 (S2) #8 x 1-1/2" Wood Screws per dowel. (fig. 2.1)

Fig. 2.1



Wood Parts

- 1 x [2100] Access Rail Right 2 x 3 x 56-1/8"
- 1 x [2101] Access Rail Left 2 x 3 x 56-1/8"
- 4 x [1578] Tennon Dowel 1-1/8 x 15-7/8"

Hardware

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

Step 2: Access Ladder / Rockwall Assembly Part 2

D: Turn the Access Ladder Assembly over then place (2117) Rock Rail on the ground next to (2101) Access Rail Left so it matches the orientation of the other two rails as shown in fig. 2.2.

E: Flush to the outside edges of (2100) Access Rail Right and (2117) Rock Rail and to the angled edges of all three rails attach (2111) Ladder Top to top of Access Ladder assembly and (2117) Rock Rail using 3 (S15) #8 x 1-3/4" Wood Screws. Notice that the holes in the board are towards the bottom. (fig. 2.2 and 2.3)

Fig. 2.2

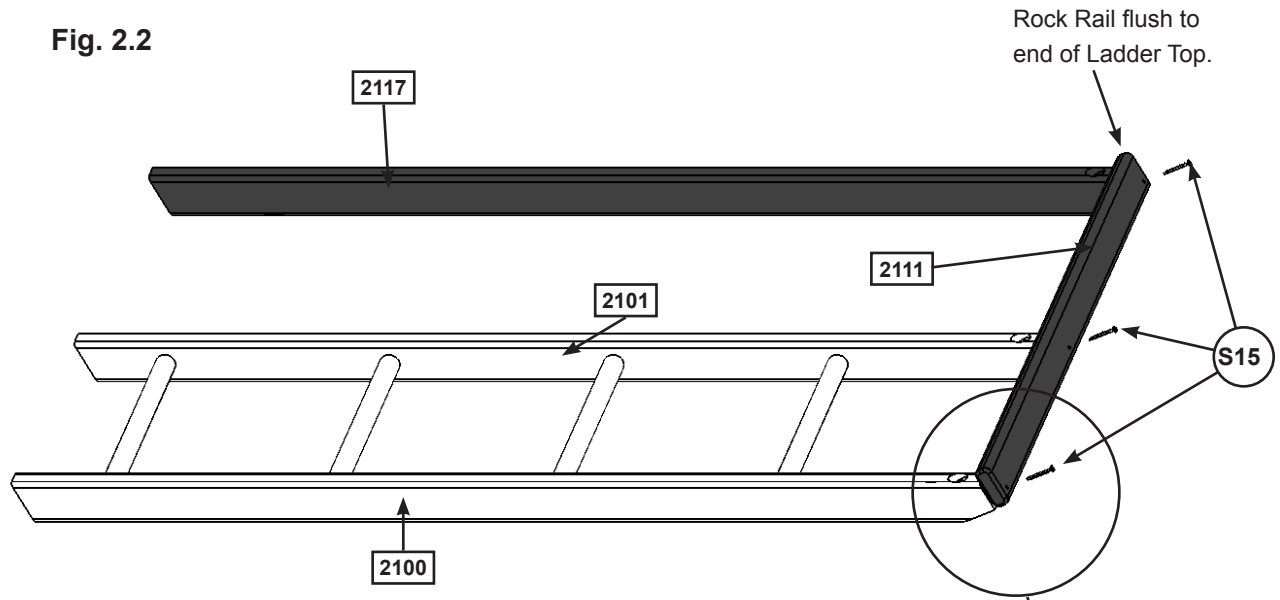
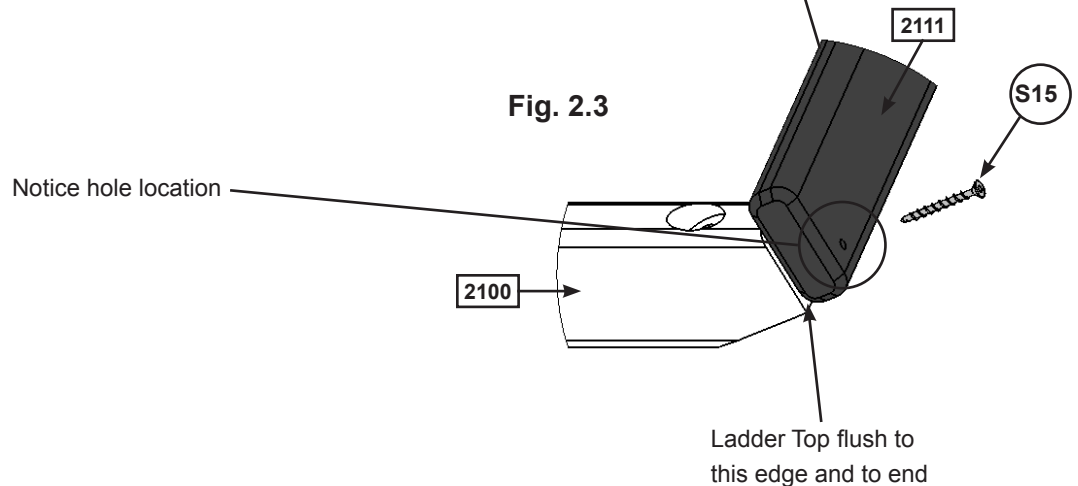


Fig. 2.3



Wood Parts

1 x (2111) Ladder Top 5/4 x 3 x 35-1/4"

1 x (2117) Rock Rail 2 x 3 x 56-1/8"

Hardware

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

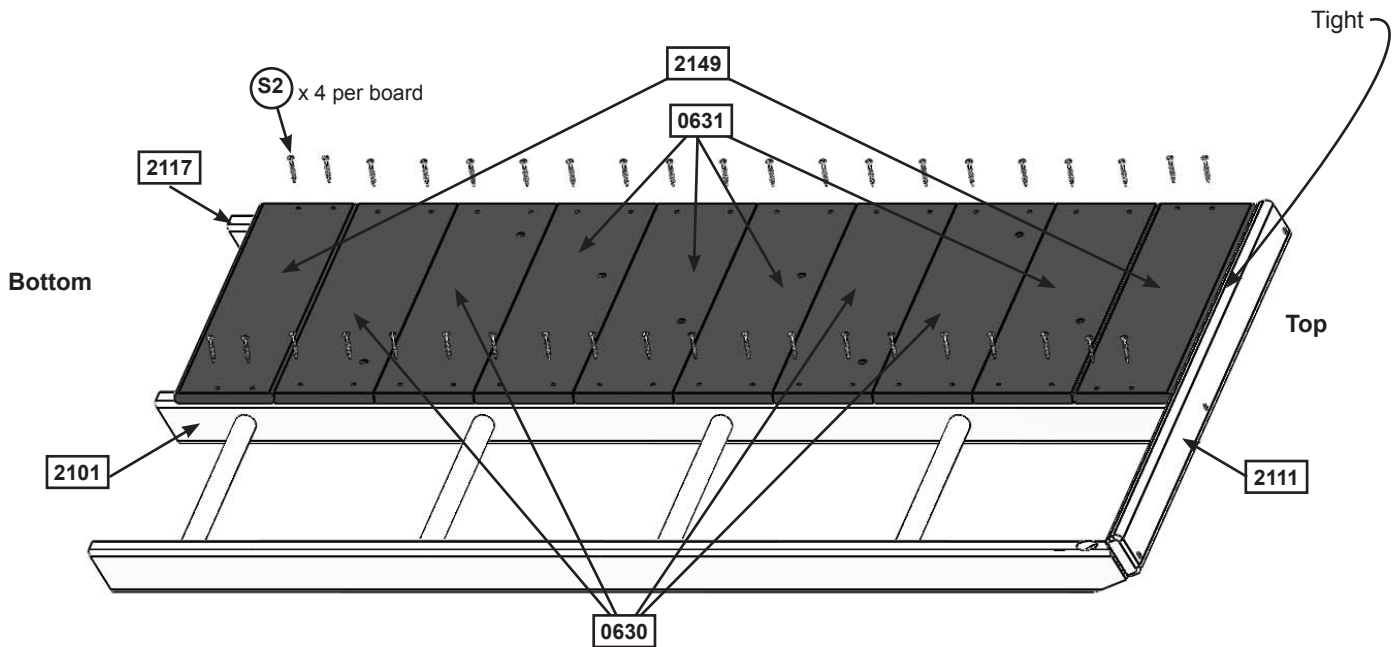
Step 2: Access Ladder / Rockwall Assembly Part 3



F: Place 1 (2149) Top Bottom Rockwall at top of the assembly, tight to (2111) Ladder Top and 1 (2149) Top Bottom Rockwall at the bottom of the assembly as shown in fig. 2.4. Then place 4 (0630) CE Rock Boards and 4 (0631) CE Rock Boards as shown in fig. 2.4. Do not screw boards down yet. Rock holes are to be staggered so they do not form a straight line and are at the top of the boards. **Note: Rock Boards are to be flush to outside edges of (2101) Access Rail Left and (2117) Rock Rail.** (fig. 2.4)

G: Make sure all boards fit together snugly and the assembly is square, then attach both (2149) Top Bottom Rockwalls, followed by the (0630) and (0631) CE Rock Boards using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 2.4)

Fig. 2.4



Wood Parts

- 2 x (2149) Top Bottom Rockwall 1 x 6 x 19-3/4"
- 4 x (0631) CE Rock Board 1 x 6 x 19-3/4"
- 4 x (0630) CE Rock Board 1 x 6 x 19-3/4"

Hardware

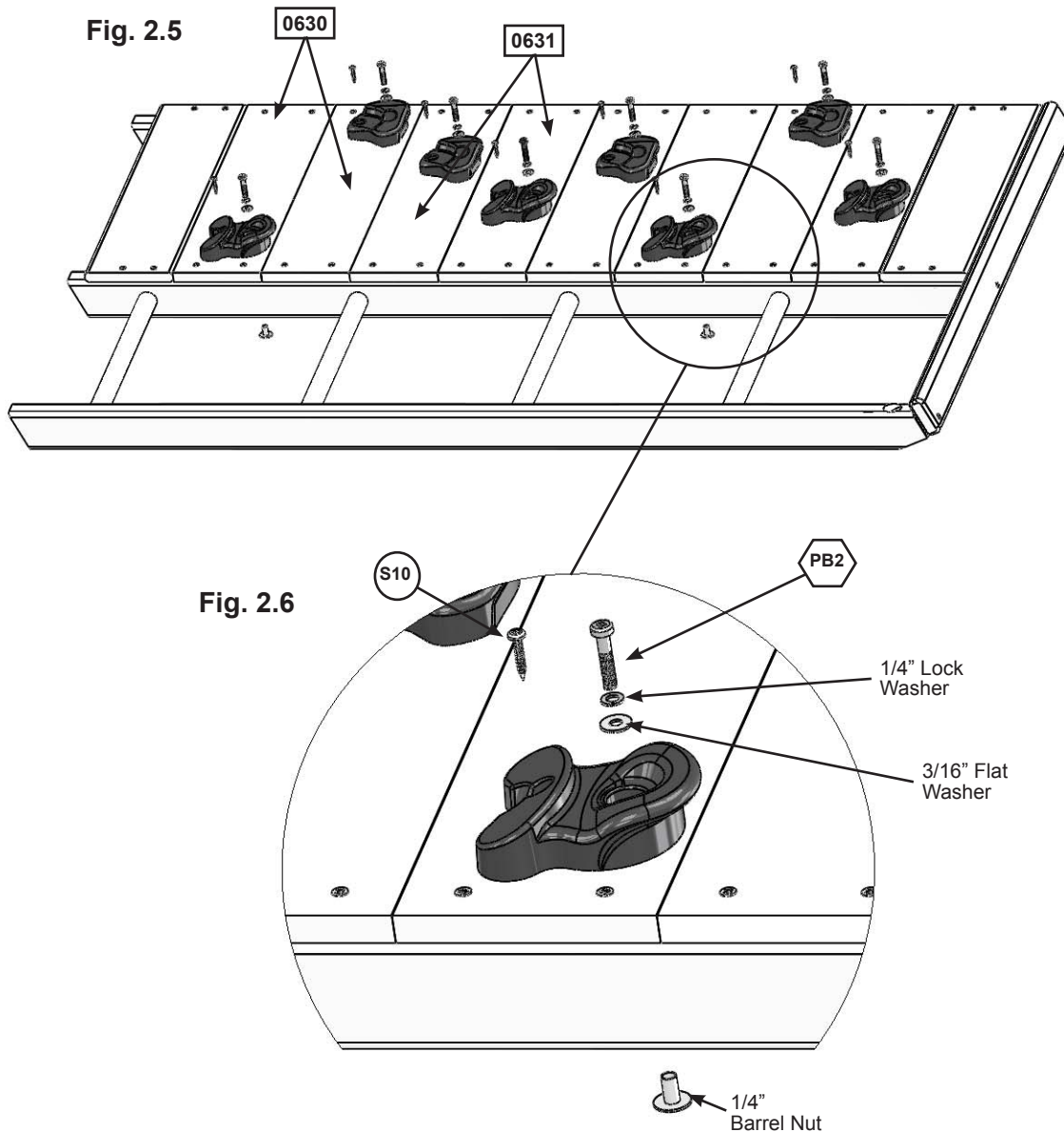
- 40 x (S2) #8 x 1-1/2" Wood Screw

Step 2: Access Ladder / Rockwall Assembly Part 4


H: Alternating colours and shapes, attach 1 rock to each rock board 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. (fig. 2.5 and 2.6)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 2.6)

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



Hardware

- 8 x  1/4 x 1-1/4 Pan Bolt
(1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)
- 8 x  #8 x 1" Pan Screw

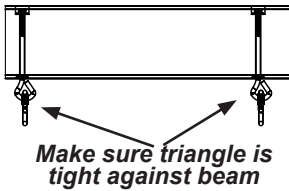
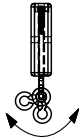
Other Parts

- 8 x Rocks (green/yellow)

Step 3: Swing Beam Assembly



Fig. 3.4



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.

Bolt-Thru Swing Hangers

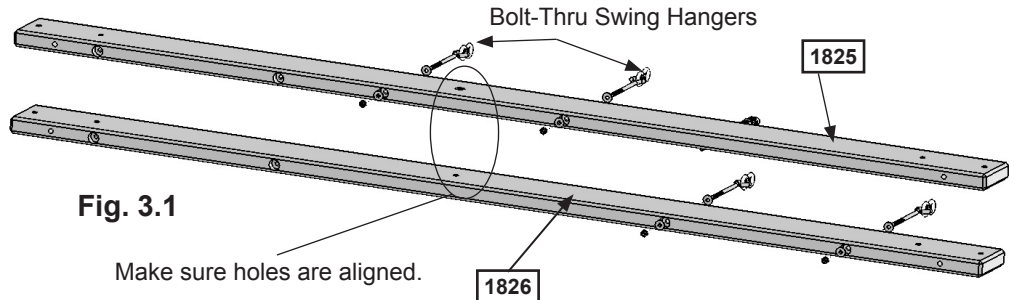
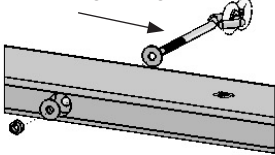


Fig. 3.1

Fig. 3.2

Important!
Swing End
(With Overhang)

Important!
Fort End Side
(No Overhang)

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 & 3.3. **Correct hole usage is very important.**

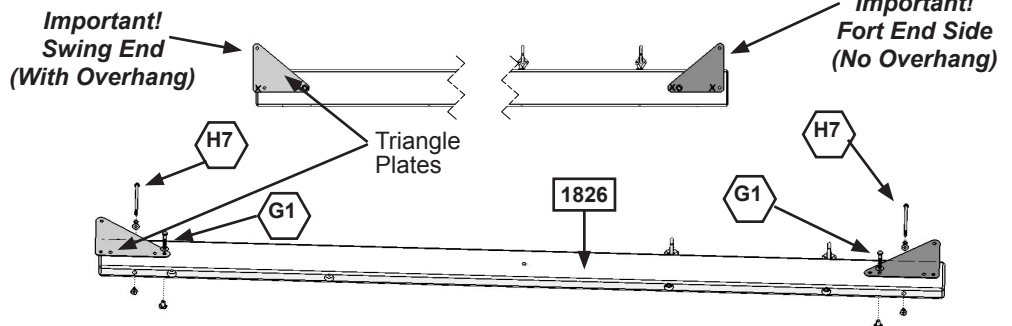
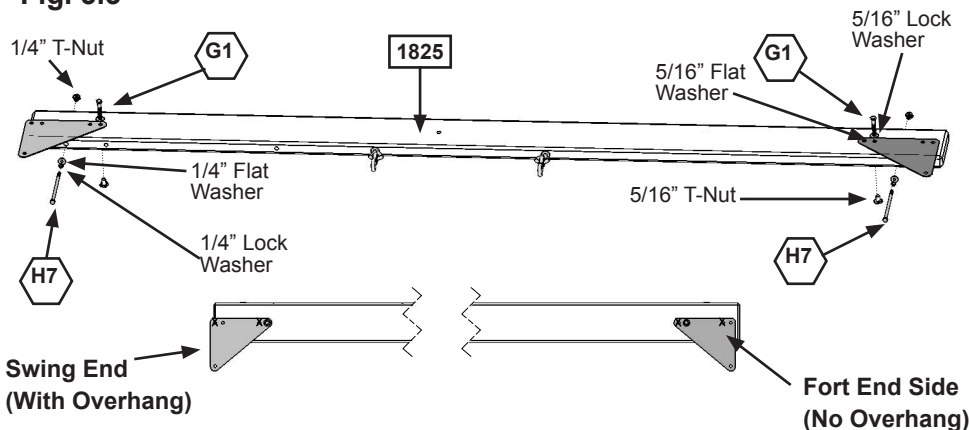


Fig. 3.3



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 & 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"

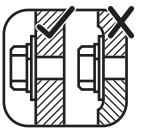
Hardware

- 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

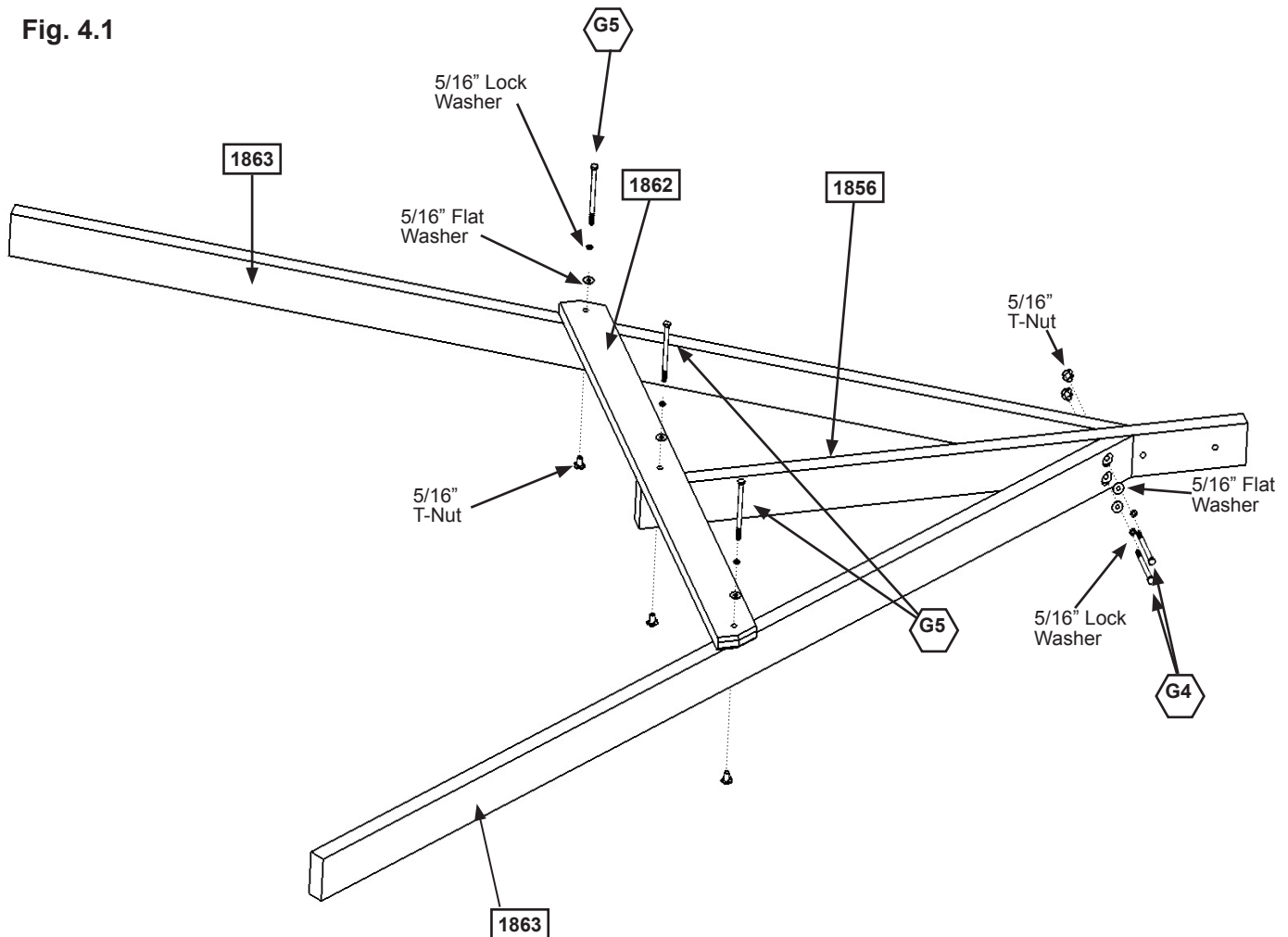
- 1 x Bolt-Thru Swing Hangers (pkg of 4)
- 1 x Triangle Plate (pkg of 4)

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)

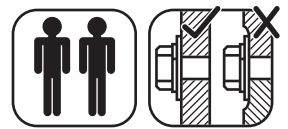
Wood Parts

- 2 x 1863 SW Post 2 x 4 x 86-11/16"
- 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"

Hardware

- 2 x G4 5/16 x 4" Hex Bolt
(5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 3 x G5 5/16 x 4-1/2" Hex Bolt
(5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

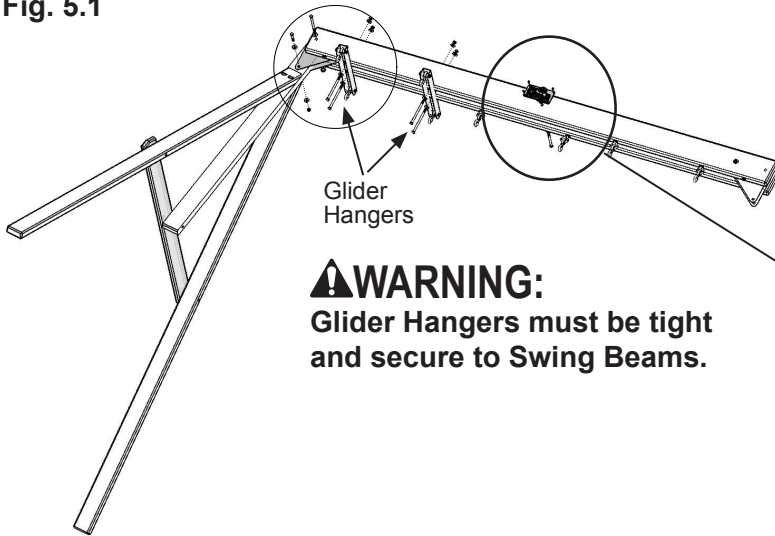
Step 5: Attach Swing End to Swing Beam



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 & 5.2)

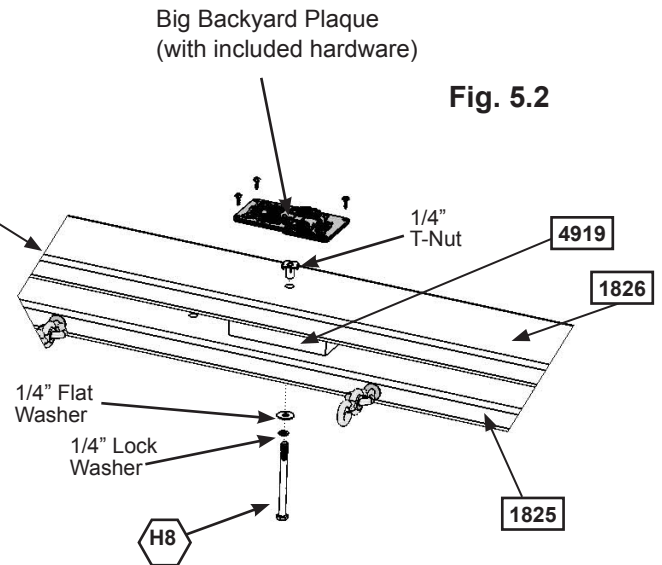
B: Attach Big Backyard Plaque, with included hardware, over 1/4" t-nut on (1826) Front Beam. (fig. 5.1 & 5.2)

Fig. 5.1



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

Fig. 5.2



C: Attach Swing End Assembly to the side of the Swing Beam Assembly with the overhang (fig. 5.3 & 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)

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

Fig. 5.4

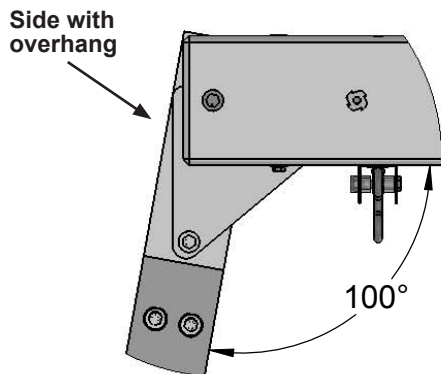
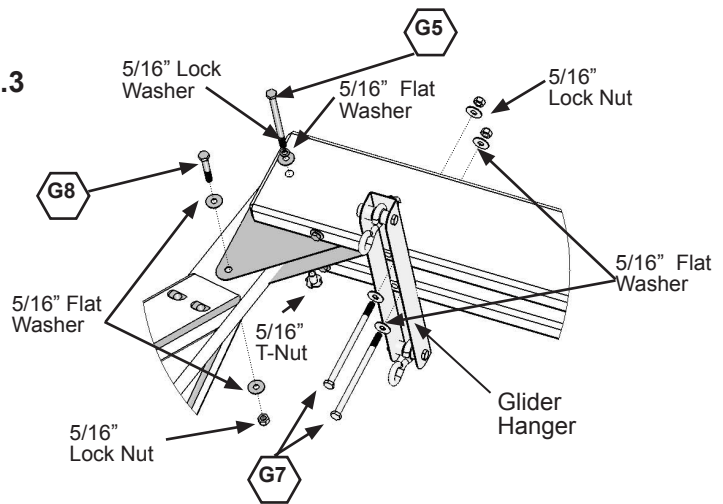


Fig. 5.3



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 Hangers
1 x Big Backyard Plaque (with hardware)

Step 6: Door Assembly Part 1



A: Place 1 (2052) Door Cross flush to the bottom and outside edges of (2057) Door Side Right and (2058) Door Side Left. (fig. 6.1)

B: Place the second (2052) Door Cross in the middle notches of (2057) Door Side Right and (2058) Door Side Left, flush to the outside edges. (fig. 6.1)

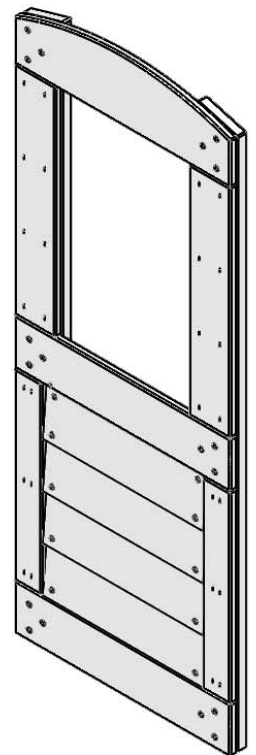
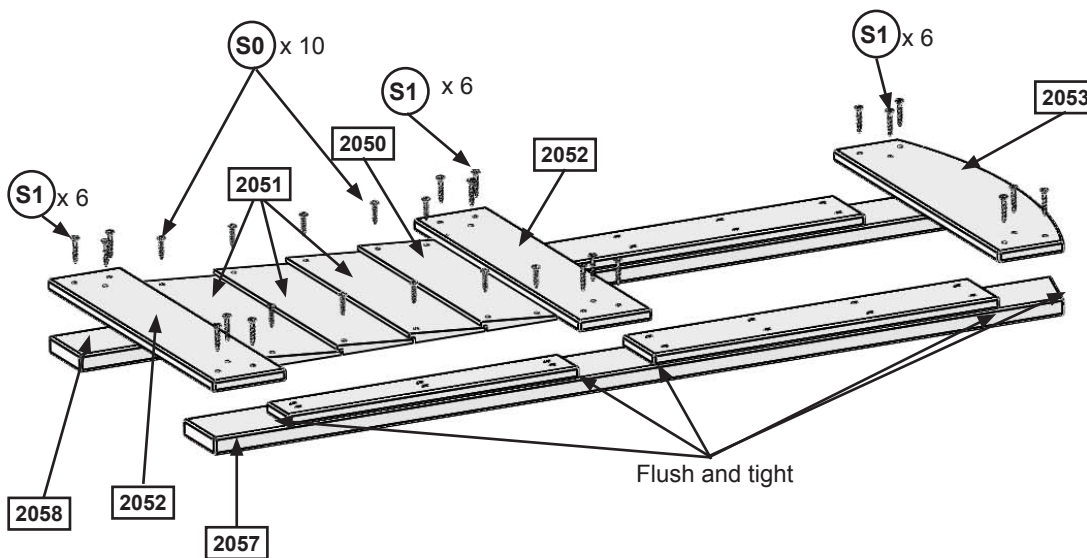
C: Place (2053) Door Arch tight to the top notches of (2057) Door Side Right and (2058) Door Side Left, flush to the outside edges. (fig. 6.1)

D: Make sure assembly is square then attach top, middle and bottom boards with 6 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 6.1)

E: Starting tight to the bottom (2052) Door Cross, and working up, evenly space 3 (2051) Door Siding then 1 (2050) Door Siding Top tight to the inside edges of (2057) Door Side Right and (2058) Door Side Left. (2050) Door Siding Top should sit tight to the bottom of (2052) Door Cross. Attach each (2051) Door Siding with 2 (S0) #8 x 7/8" Truss Screws per board and (2050) Door Siding Top with 4 (S0) #8 x 7/8" Truss Screws. (fig. 6.1)

Fig. 6.2

Fig. 6.1



Wood Parts

1 x 2057 Door Side Right 1-1/4 x 3 x 40-1/8"	3 x 2051 Door Siding 3/8 x 3-1/2 x 11-3/8"
1 x 2058 Door Side Left 1-1/4 x 3 x 40-1/8"	1 x 2050 Door Siding Top 3/8 x 3-1/2 x 11-3/8"
2 x 2052 Door Cross 1/2 x 3-3/8 x 15-7/16"	
1 x 2053 Door Arch 1/2 x 4-1/2 x 15-7/16"	

Hardware

18 x S1 #8 x 1-1/8" Wood Screw
10 x S0 #8 x 7/8" Truss Screw

Step 6: Door Assembly Part 2



F: On the outside face of the Door Assembly place Small Window in the window gap and attach with 8 (S13) #6 x 5/8" Pan Screws. (fig. 6.3)

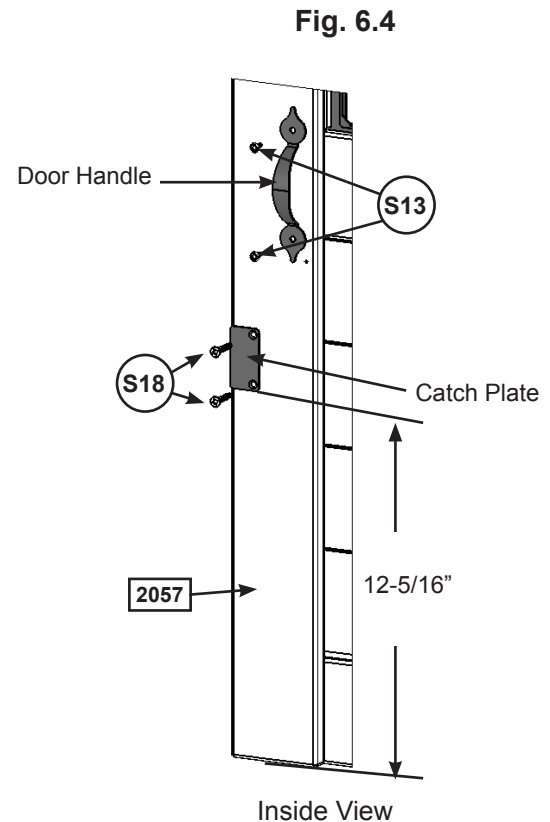
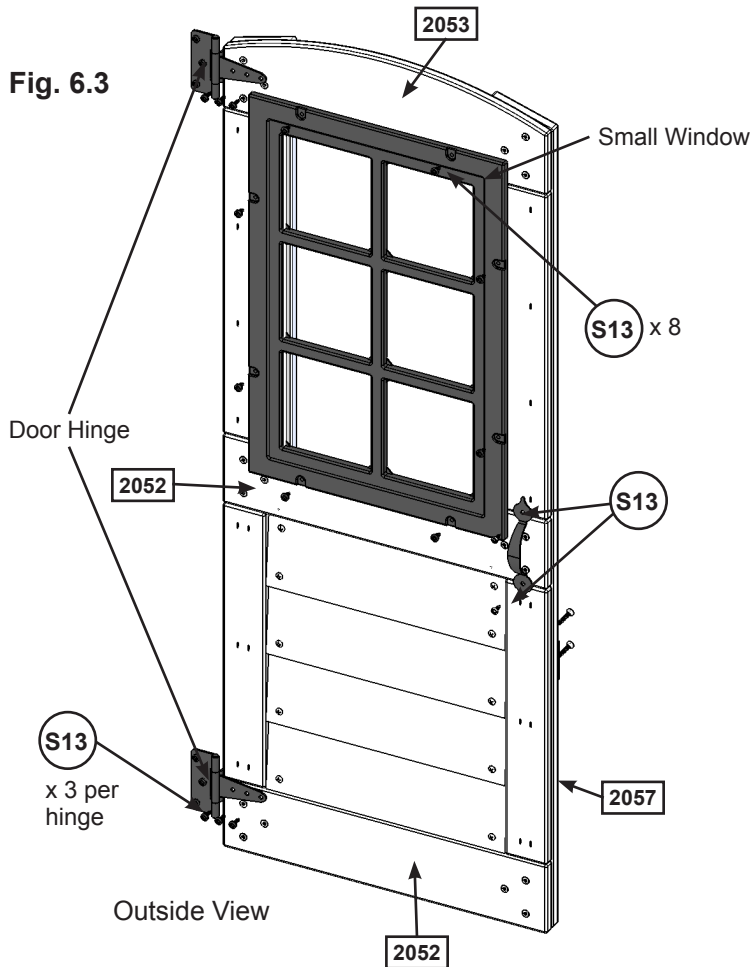
G: On the outside of the Door Assembly place 1 Door Handle centred over the top (2052) Door Cross, as shown in fig. 6.3, then attach with 2 (S13) #6 x 5/8" Pan Screws.

H: On the opposite side from the Door Handle, on the outside, place 1 Door Hinge flush to the top of the lower (2052) Door Cross and 1 Door Hinge centred on (2053) Door Arch, as shown in fig. 6.3, then attach with 3 (S13) #6 x 5/8" Pan Screws per hinge.

Note: Hinge stops must be tight to the Door Assembly.

I: On the inside of Door Assembly, measure 12-5/16" up from the bottom of (2057) Door Side Right and attach Catch Plate using 2 (S18) #6 x 1" Wood Screws. (fig.6.4)

J: Place a second Door Handle on the inside of the Door Assembly at approximately the same spot as the first then attach with 2 (S13) #6 x 5/8" Pan Screws. (fig. 6.4)



Hardware

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

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

Other Parts

2 x Door Handle

2 x Door Hinge

1 x Small Window

1 x Catch Plate

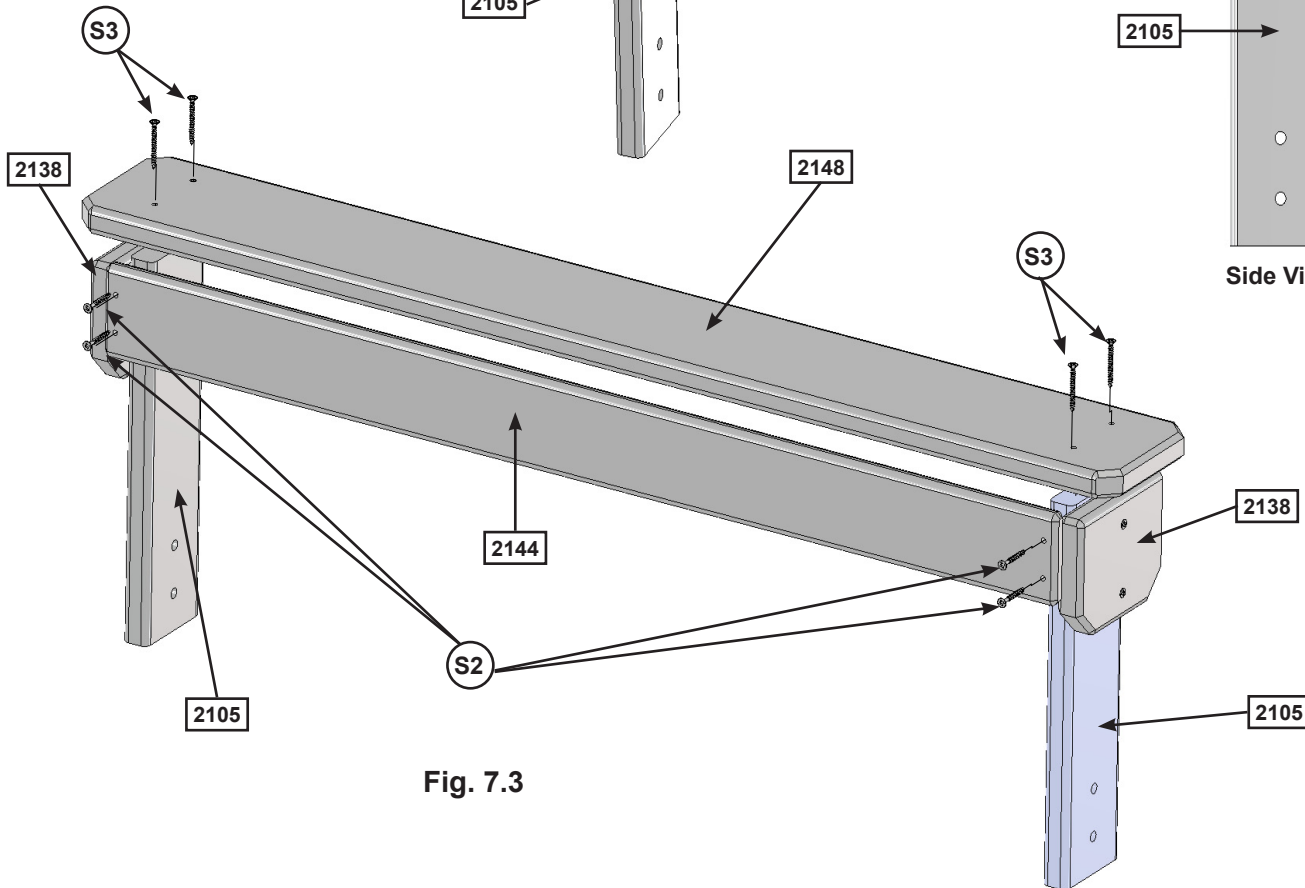
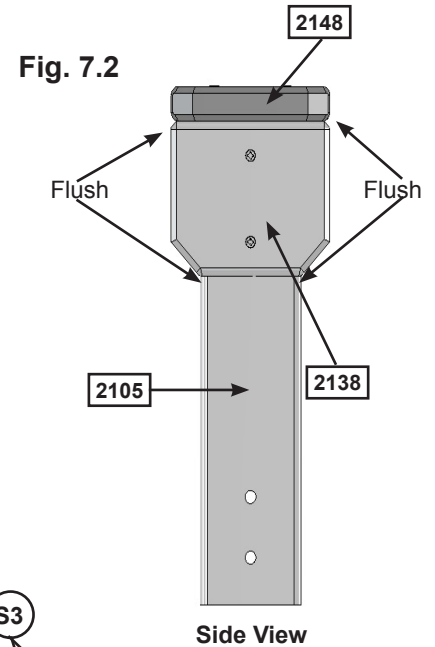
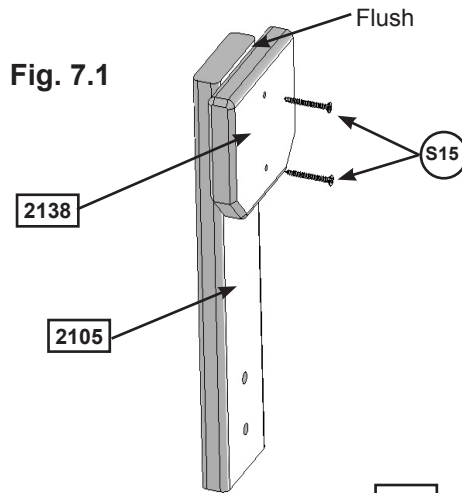
Step 7: Bench Assembly

A: Flush to the top of 1 (2105) Bench Post place 1 (2138) Seat Side, angled corners should face down and centred on the posts. Attach with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 7.1 and 7.2)

B: Repeat Step A to create a second Post Assembly.

C: Flush to the tops of (2105) Bench Posts and the tops and sides of (2138) Seat Sides attach 1 (2144) Lower Bench with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 7.3)

D: Place (2148) Bench centred on top of each (2105) Bench Posts so the sides are flush to the sides of each (2138) Seat Side. Attach (2148) Bench to the posts with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 7.2 and 7.3)



Wood Parts

- 2 x 2105 Bench Post 5/4 x 4 x 14"
- 2 x 2138 Seat Side 5/4 x 5 x 5-1/2"
- 1 x 2144 Lower Bench 1 x 4 x 38-7/8"
- 1 x 2148 Bench 5/4 x 6 x 42-1/2"

Hardware

- 4 x S15 #8 x 1-3/4" Wood Screw
- 4 x S2 #8 x 1-1/2" Wood Screw
- 4 x S3 #8 x 2-1/2" Wood Screw

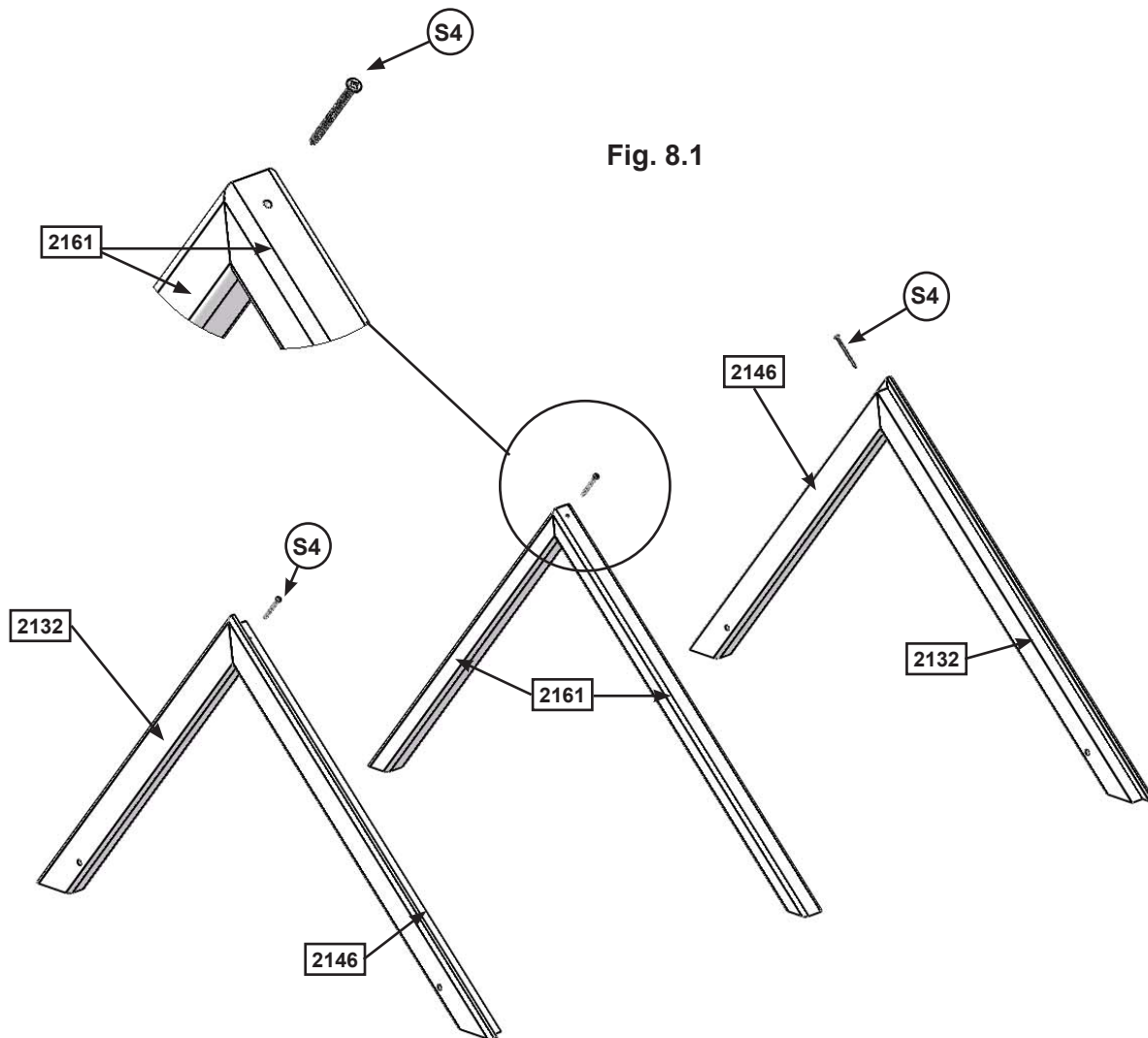
Step 8: Roof Assembly

Part 1

A: Attach 1 (2146) Roof Support Right to 1 (2132) Roof Support Left at the peak using 1 (S4) #8 x 3" Wood Screw. Do this twice so you have 2 Roof Support Assemblies. (fig. 8.1)

B: Attach 1 (2161) Roof Joist to another at the peak using 1 (S4) #8 x 3" Wood Screw. (fig. 8.1)

C: Place the Roof Supports and Joist Assemblies in the pattern shown in fig. 8.1.



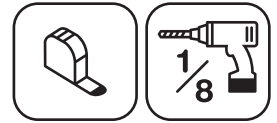
Wood Parts

- 2 x 2132 Roof Support Left 2 x 3 x 33-9/16"
- 2 x 2146 Roof Support Right 2 x 3 x 33-9/16"
- 2 x 2161 Roof Joist 2 x 2 x 32-5/16"

Hardware

- 3 x S4 #8 x 3" Wood Screw

Step 8: Roof Assembly Part 2



D: Starting at the top of the Roof Support Assembly attach 1 (2156) Roofing on each side of the Roof Support Assemblies with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 8.2) Be sure to overlap the top of the boards so there are no gaps. (fig. 8.2 and 8.3)

E: Drill a hole 1-1/2" up from the bottom of the 2 bottom (2156) Roofing (for bottom row only). Attach 1 (2156) Roofing at the bottom of the Roof Support Assembly on each side, making sure they are flush to each (2146) Roof Support Right and (2132) Roof Support Left with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 8.2 and 8.4)

F: On one side of the assembly evenly space and attach 8 (2156) Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 10 (2156) Siding on this side. (fig. 8.2)

G: On the other side of the assembly evenly space and attach 8 (2156) Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 8.2)

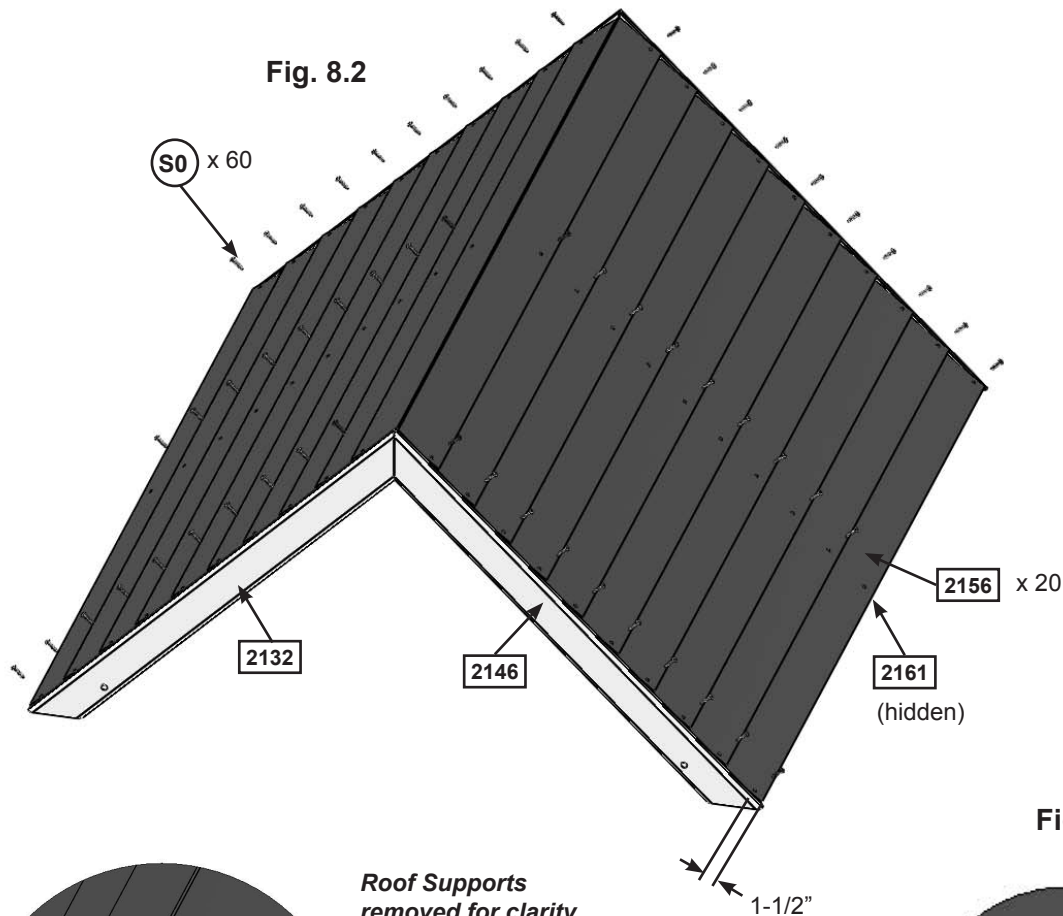
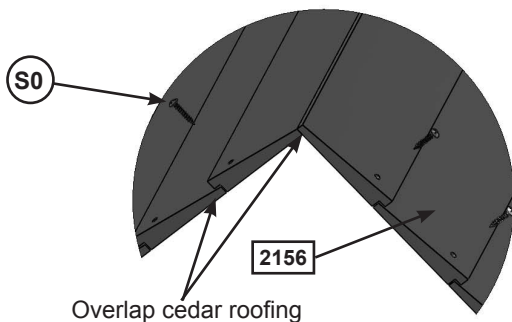
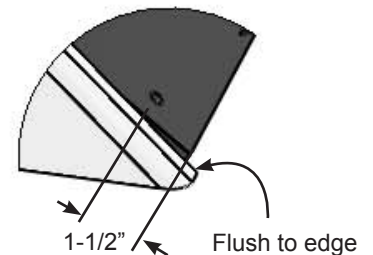


Fig. 8.3



*Roof Supports
removed for clarity*

Fig. 8.4



Wood Parts

20 x 2156 Roofing 3/8 x 3-1/2 x 53-13/16"

Hardware

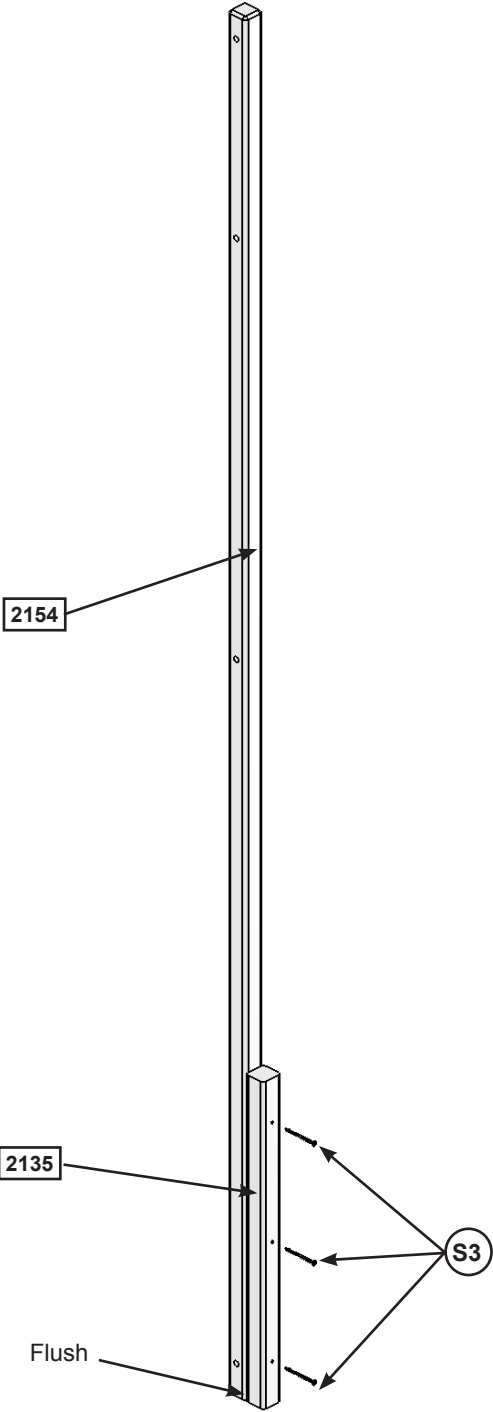
60 x S0 #8 x 7/8" Truss Screw

Step 9: Front Wall Assembly

Part 1

A: Flush to the edges and bottom of 1 (2154) Front Post attach (2135) Wall Support to the post with 3 (S3) #8 x 2-1/2" Wood Screws. (fig. 9.1)

Fig. 9.1



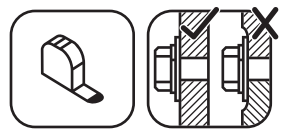
Wood Parts

- 1 x 2135 Wall Support 2 x 2 x 22-1/4"
- 1 x 2154 Front Post 2 x 2 x 94"

Hardware

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

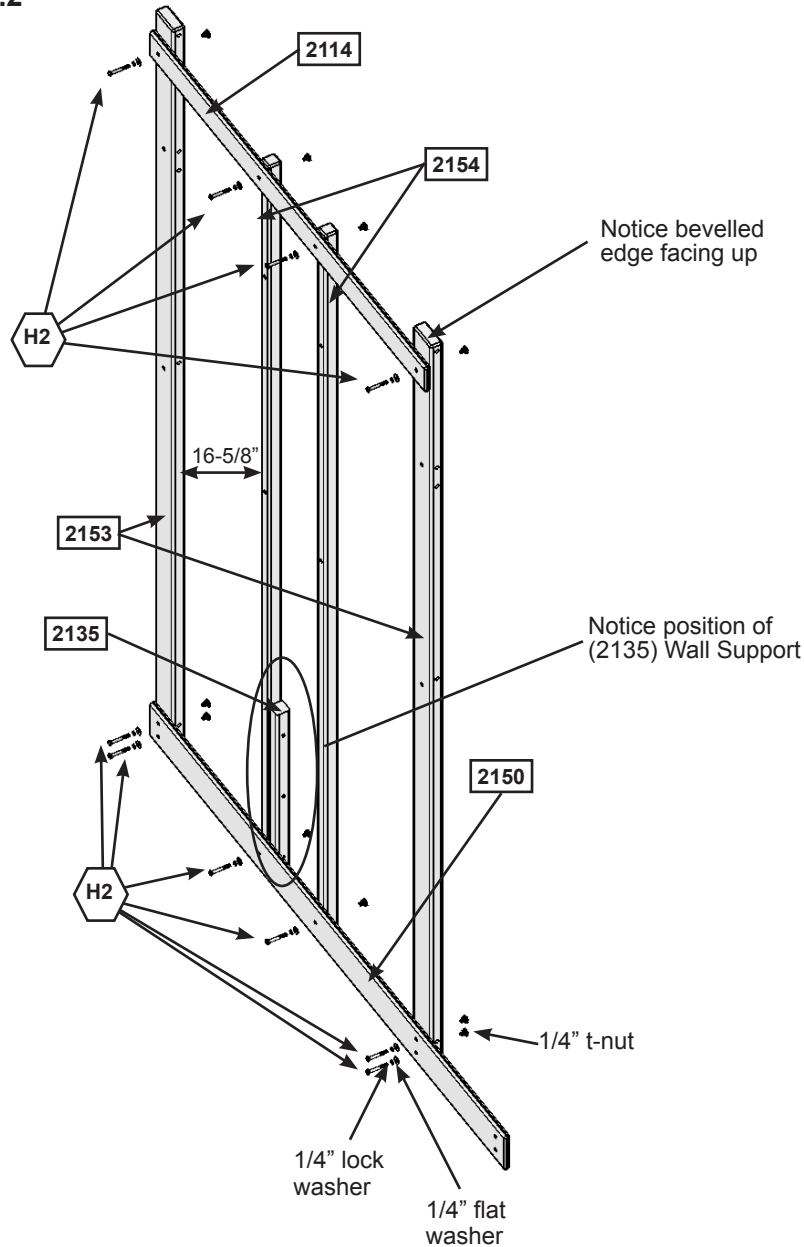
Step 9: Front Wall Assembly Part 2



B: Loosely attach 2 (2153) Posts and 2 (2154) Front Posts to (2150) Front Back Ground with 6 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut), as shown in fig. 9.2. Notice where (2154) Front Post from Step 9, Part 1 is attached and ensure that (2135) Wall Support faces the other (2154) Front Post.

C: Loosely attach (2114) Top Front to each post, with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per post. The distance between (2153) Post and (2154) Front Post with (2135) Wall Support must be 16-5/8". (fig. 9.2)

Fig. 9.2



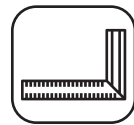
Wood Parts

- 2 x Post 2 x 4 x 96-1/2"
- 1 x Top Front 1 x 4 x 52"
- 1 x Front Post 2 x 2 x 94"
- 1 x Front Back Ground 1 x 5 x 67"

Hardware

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

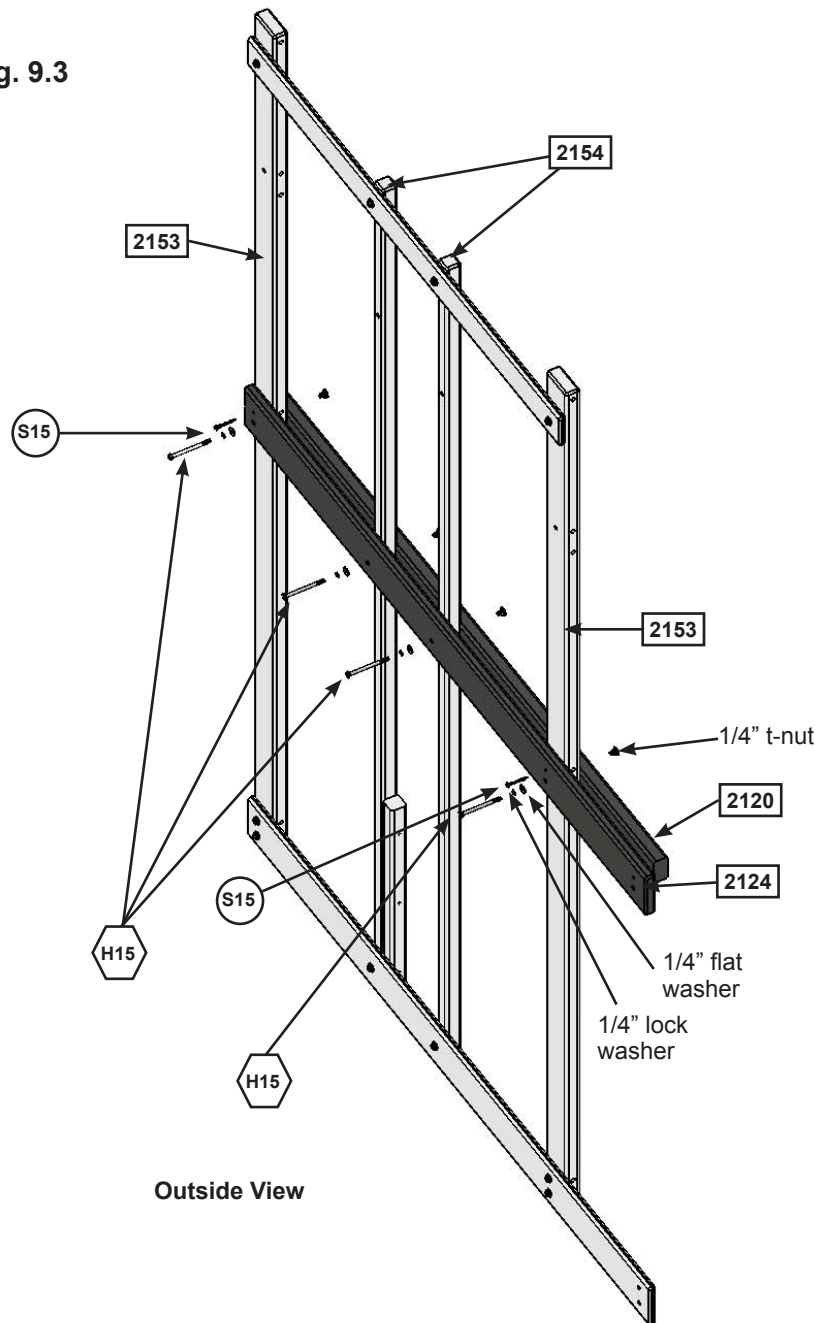
Step 9: Front Wall Assembly Part 3



D: With a helper loosely attach (2124) Front Floor on the outside of the assembly and (2120) Floor Front Back on the inside of the assembly to both (2153) Posts and both (2154) Front Posts with 1 (H15) 1/4 x 3-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per post. (fig. 9.3)

E: Make sure assembly is square and the distance between (2153) Post and (2154) Front Post with (2135) Wall Support is maintained at 16-5/8" then tighten all bolts and attach (2124) Front Floor to each (2153) Post with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 9.3)

Fig. 9.3



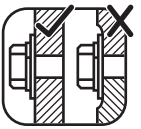
Wood Parts

- 1 x 2124 Front Floor 5/4 x 5 x 67"
- 1 x 2120 Floor Front Back 2 x 3 x 64-1/4"

Hardware

- 4 x H15 1/4 x 3-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x S3 #8 x 1-3/4" Wood Screw

Step 9: Front Wall Assembly Part 4



F: Loosely attach (2125) Middle Front on the outside of the assembly to both (2153) Posts and both (2154) Front Posts with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 9.4)

G: Make sure the distance between (2114) Top Front and (2125) Middle Front is 9-1/2" then attach (2125) Middle Front to each (2153) Post with 2 (S15) #8 x 1-3/4" Wood Screws. Tighten the bolts from Step F. (fig. 9.4 and 9.5)

H: At the ends of (2125) Middle Front and (2120) Floor Front Back place (2112) SL Post as shown in fig. 9.4. Attach (2112) SL Post to (2124) Front Floor with 1 (H5) 1/4 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the bottom hole and 1 (S7) #12 x 2" Pan Screw (with flat washer) in the top hole and to (2125) Middle Front with 1 (H4) 1/4 x 4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole and 1 (S7) #12 x 2" Pan Screw (with flat washer) in the bottom hole. (fig. 9.4)

I: Attach (2112) SL Post to (2120) Floor Front Back with 2 (S4) #8 x 3" Wood Screws. (fig. 9.4)

Fig. 9.5

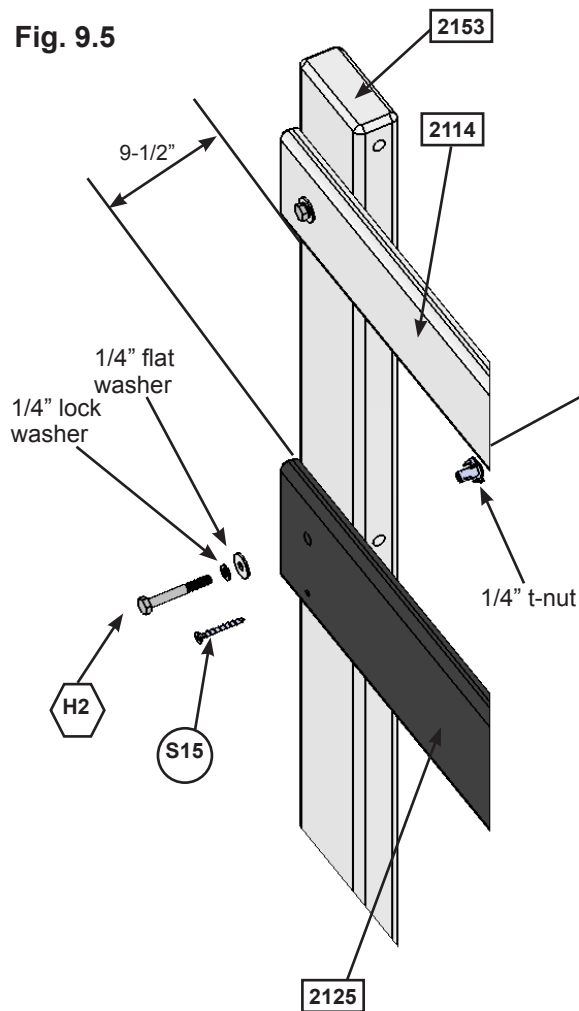
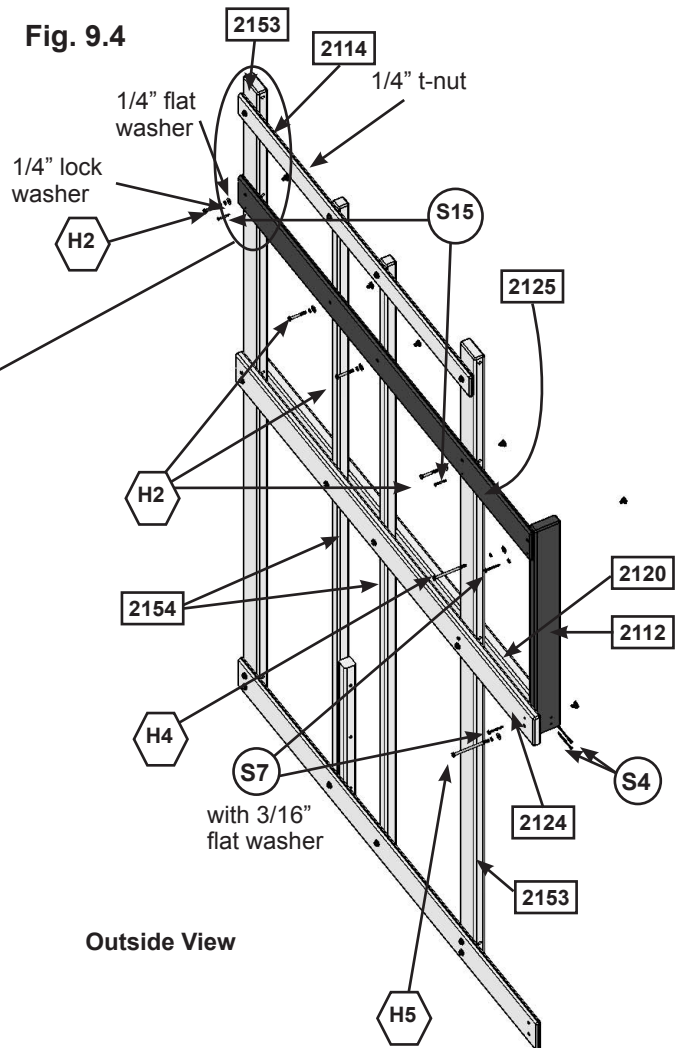


Fig. 9.4



Outside View

Wood Parts

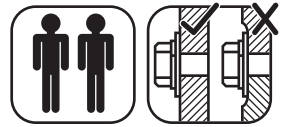
- 1 x (2125) Middle Front 1 x 5 x 65-5/8"
- 1 x (2112) SL Post 2 x 4 x 32-1/2"

Hardware

- 4 x (H2) 1/4 x 2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x (H4) 1/4 x 4" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x (H5) 1/4 x 4-1/2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

- 2 x (S15) #8 x 1-3/4" Wood Screw
- 2 x (S7) #12 x 2" Pan Screw
(with 3/16" flat washer)
- 2 x (S4) #8 x 3" Wood Screw

Step 10: Back Wall Assembly Part 1



A: Attach 2-1/4" t-nuts to centre bolt holes in (2123) Back Floor prior to attaching to posts. When attaching the posts make sure the T-nuts are in between the (2120) Floor Front Back and the (2123) Back Floor. (fig. 10.1 and 10.2)

B: Loosely attach 2 (2153) Posts to (2150) Front Back Ground with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) and to (2145) Back Top with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut), as shown in fig. 10.1.

C: With a helper loosely attach (2123) Back Floor on the outside of the assembly and (2120) Floor Front Back on the inside of the assembly to both (2153) Posts with 2 (H15) 1/4 x 3-3/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1)

Fig. 10.2

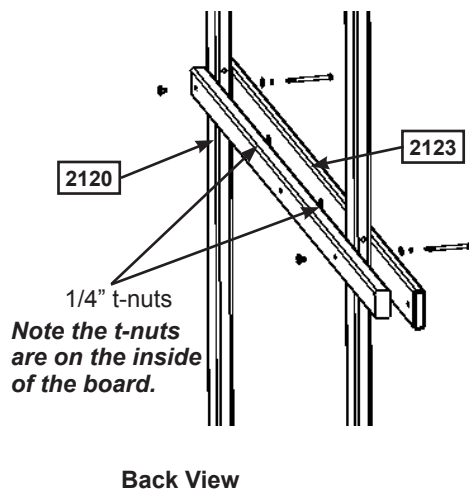
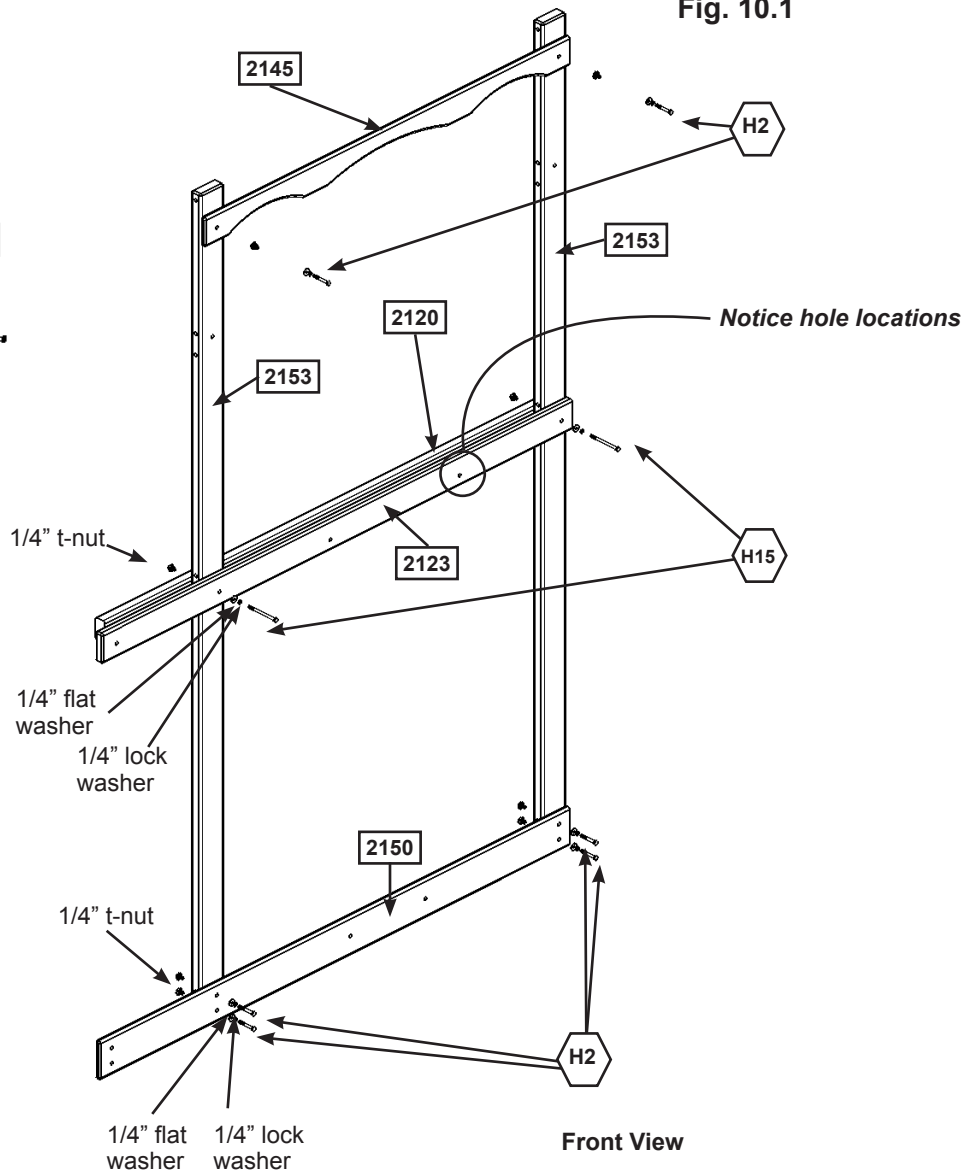


Fig. 10.1



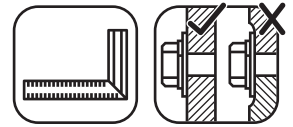
Wood Parts

- 1 x 2120 Floor Front Back 2 x 3 x 64-1/4"
- 1 x 2123 Back Floor 5/4 x 4 x 67"
- 1 x 2150 Front Back Ground 1 x 5 x 67"
- 1 x 2145 Back Top 1 x 4 x 52"
- 2 x 2153 Post 2 x 4 x 96-1/2"

Hardware

- 6 x H2 1/4 x 2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H15 1/4 x 3-3/4" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x 1/4" t-nuts

Step 10: Back Wall Assembly Part 2



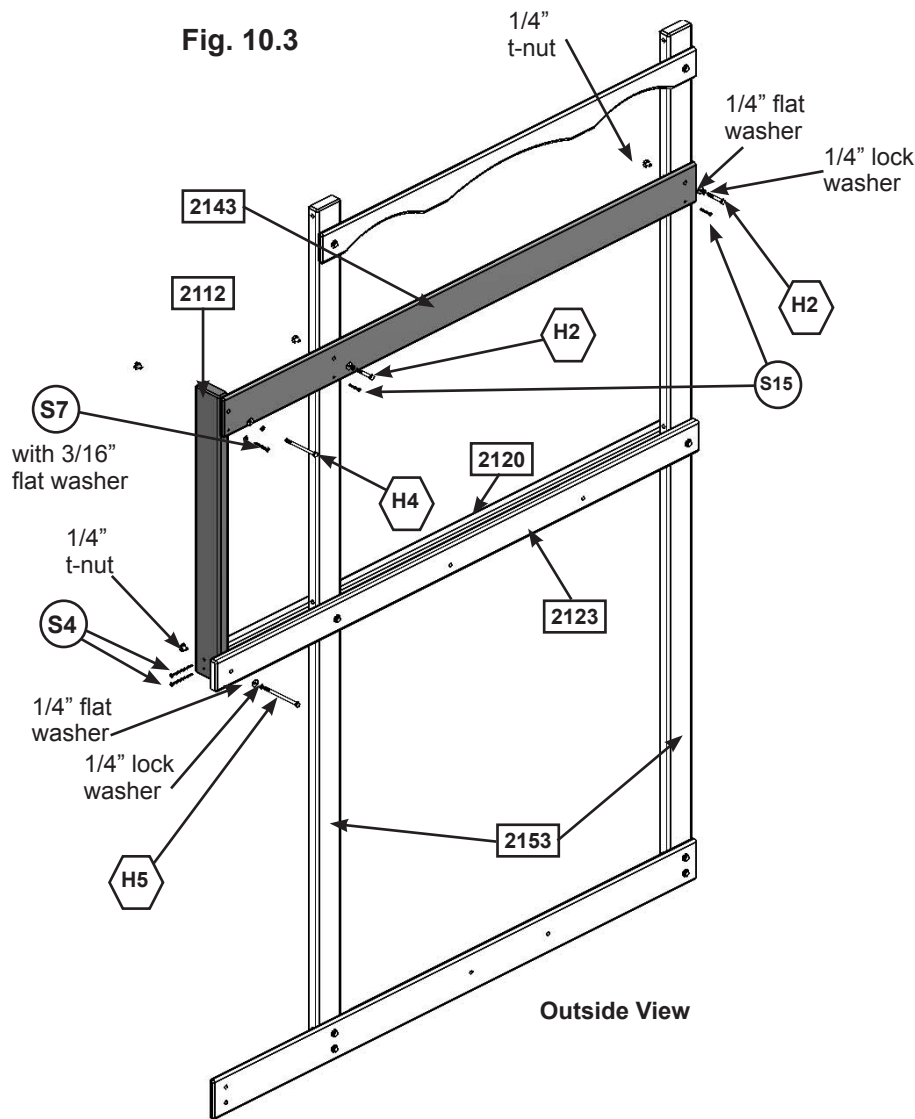
D: Attach (2143) Middle Back, on the outside of the assembly to both (2153) Posts with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.3)

E: Make sure the assembly is square then tighten all bolts and attach (2143) Middle Back to each (2153) Post with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 10.3)

F: At the ends of (2143) Middle Back and (2120) Floor Front Back place (2112) SL Post, as shown in fig. 10.3. Attach (2112) SL Post to (2123) Back Floor with 1 (H5) 1/4 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) and to (2143) Middle Back with 1 (H4) 1/4 x 4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole and 1 (S7) #12 x 2" Pan Screw (with flat washer) in the bottom hole. (fig. 10.3)

G: Attach (2112) SL Post to (2120) Floor Front Back with 2 (S4) #8 x 3" Wood Screws. (fig. 10.3)

Fig. 10.3



Outside View

Wood Parts

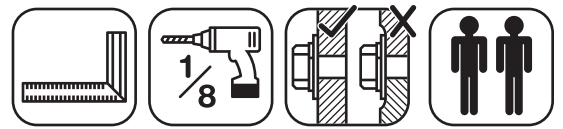
- 1 x 2143 Middle Back 1 x 5 x 65-5/8"
- 1 x 2112 SL Post 2 x 4 x 32-1/2"

Hardware

- 2 x H2 1/4 x 2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x H4 1/4 x 4" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x H5 1/4 x 4-1/2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

- 2 x S15 #8 x 1-3/4" Wood Screw
- 1 x S7 #12 x 2" Pan Screw (3/16" flat washer)
- 2 x S4 #8 x 3" Wood Screw

Step 11: Swing Wall Assembly Part 1

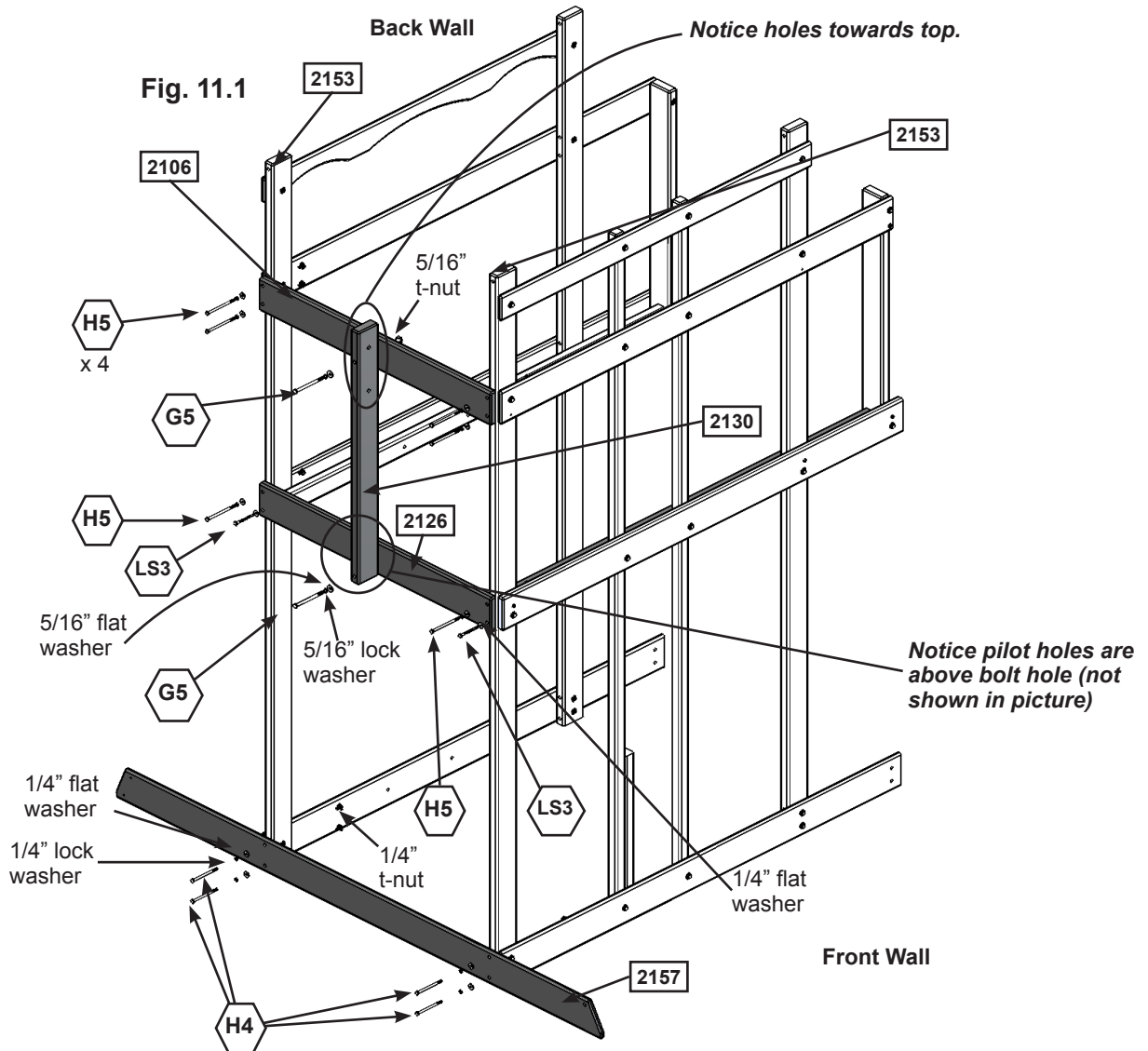


A: With at least one adult helper hold up the Front and Back Walls and loosely attach (2157) Ground SW Side using 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut), (2126) SW Floor using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut) in the top holes and (2106) SW Top using 4 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut) to both (2153) Posts. (fig. 11.1)

B: Loosely attach (2130) SW Mount to (2126) SW Floor and to (2106) SW Top with 2 (G5) 5/16 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Keep these bolts loose until Step 13, Part 1. (fig. 11.1)

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

C: Make sure the assembly is square then tighten all 1/4" Hex Bolts from this step. Attach (2126) SW Floor to each (2153) Post with 2 (LS3) 1/4 x 3" Lag Screw (with flat washer). (fig. 11.1)



Wood Parts

- 1 x 2106 SW Top 5/4 x 5 x 38-3/4"
- 1 x 2130 SW Mount 2 x 4 x 34-1/2"
- 1 x 2126 SW Floor 5/4 x 5 x 38-3/4"
- 1 x 2157 Ground SW Side 1 x 5 x 81-1/8"

Hardware

- 2 x G5 5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 4 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 6 x H5 1/4 x 4-1/2" 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)

Step 11: Swing Wall Assembly Part 2

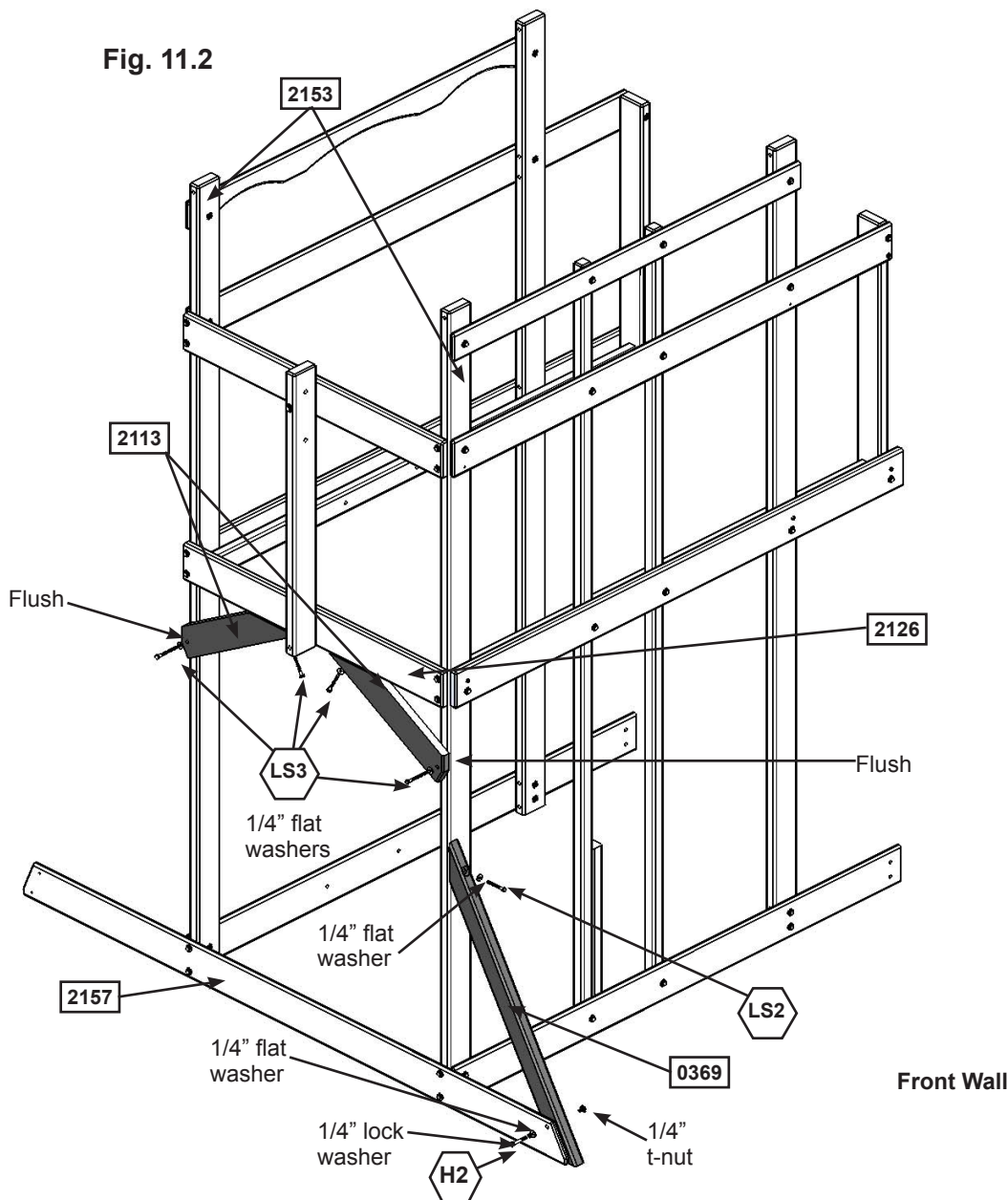


Note: Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

D: Attach (0369) Lower Diagonal to the end of (2157) Ground SW Side on the Front Wall side with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) and to (2153) Post with 1 (LS2) 1/4 x 2-1/2" Lag Screw (with flat washer). (fig. 11.2)

E: Tight to the bottom of (2126) SW Floor and bevelled edges flush to outside edge of (2153) Posts, attach 1 (2113) Gusset II to each side using 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) per gusset. (fig. 11.2)

Fig. 11.2



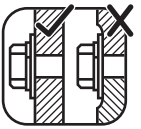
Wood Parts

- 2 x Gusset II 5/4 x 4 x 18-1/2"
- 1 x Lower Diagonal 2 x 3 x 37"

Hardware

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

Step 12: Slide Wall Assembly

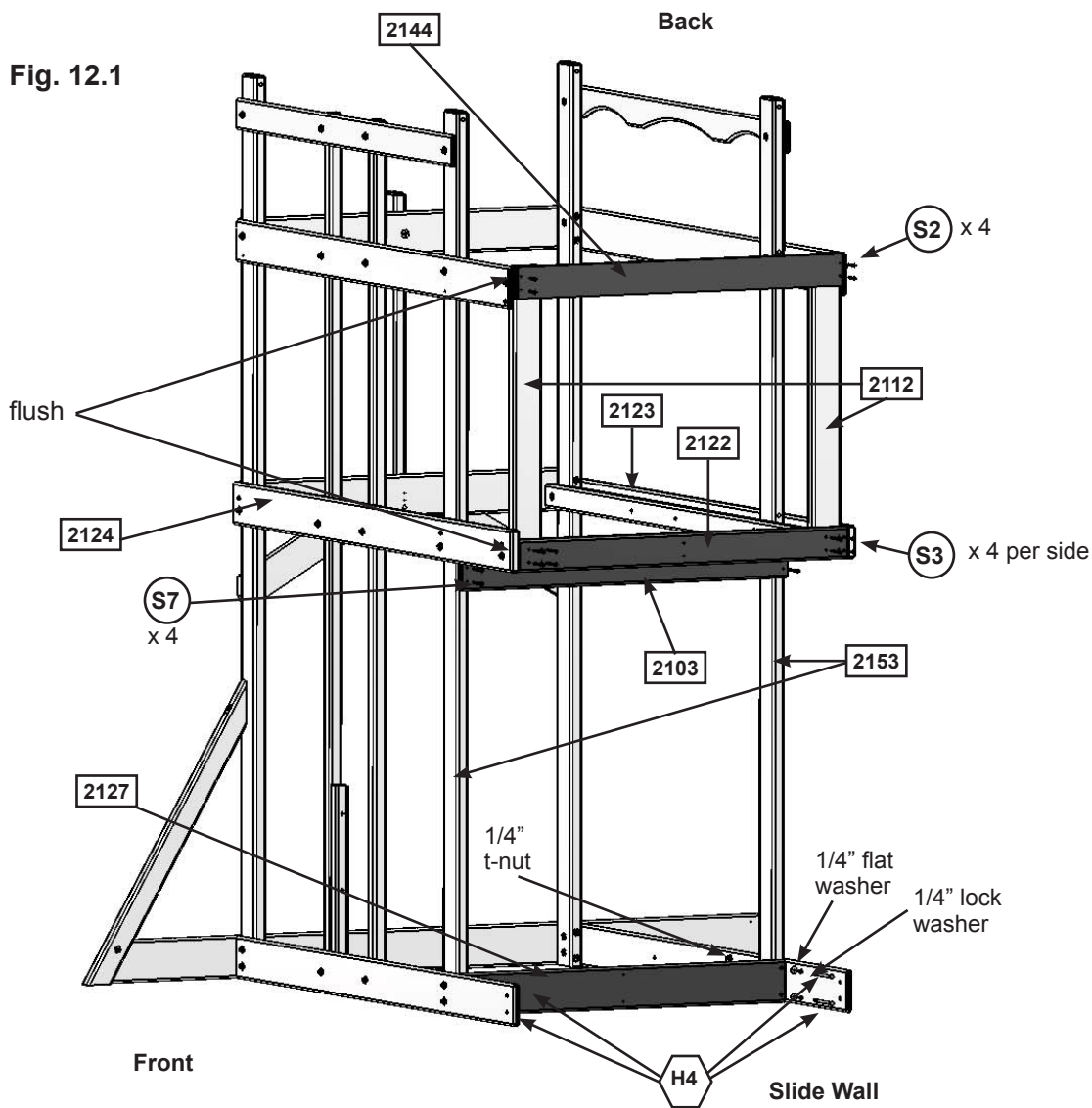


A: Loosely attach (2127) Side Ground to the outside of each (2153) Post on the Slide Wall side with 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.1)

B: Attach (2122) SL Floor End flush to the bottom of each (2112) SL Post with 8 (S3) #8 x 2-1/2" Wood Screws. (fig. 12.1)

C: Tight to the bottom of (2123) Back Floor and (2124) Front Floor and flush to the outside edges of (2153) Posts attach (2103) Lower Floor Support with 4 (S7) #12 x 2" Pan Screws. (fig. 12.1)

D: Attach 1 (2144) Lower Bench flush to the tops of each (2112) SL Post with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 12.1)



Wood Parts

- 1 x 2144 Lower Bench 1 x 4 x 38-7/8"
- 1 x 2122 SL Floor End 2 x 4 x 38-7/8"
- 1 x 2103 Lower Floor Support 5/4 x 4 x 38-7/8"
- 1 x 2127 Side Ground 1 x 5 x 38-3/4"

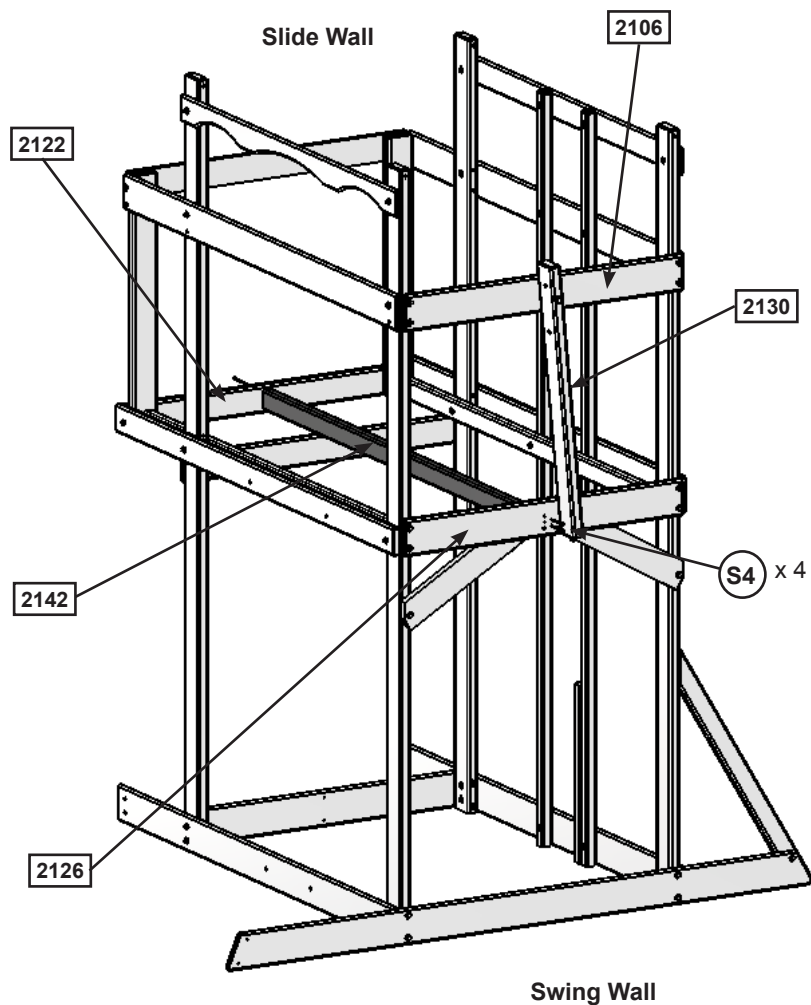
Hardware

- 4 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x S2 #8 x 1-1/2" Wood Screw
- 4 x S7 #12 x 2" Pan Screw
- 8 x S3 #8 x 2-1/2" Wood Screw

Step 13: Floor Assembly Part 1

- A:** Loosen the top bolt and remove the bottom bolt in (2130) SW Mount. Do not discard these bolts, you will re-install them after (2142) Floor Joist is attached.
- B:** Flush to the bottom of both (2126) SW Floor and (2122) SL Floor End attach (2142) Floor Joist with 2 (S4) #8 x 3" Wood Screws per end (fig. 13.1)
- C:** Re-install the bolt in (2130) SW Mount and tighten both bolts. (fig. 13.1)

Fig. 13.1



Wood Parts

1 x (2142) Floor Joist 2 x 3 x 65-5/8"

Hardware

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

Step 13: Floor Assembly Part 2

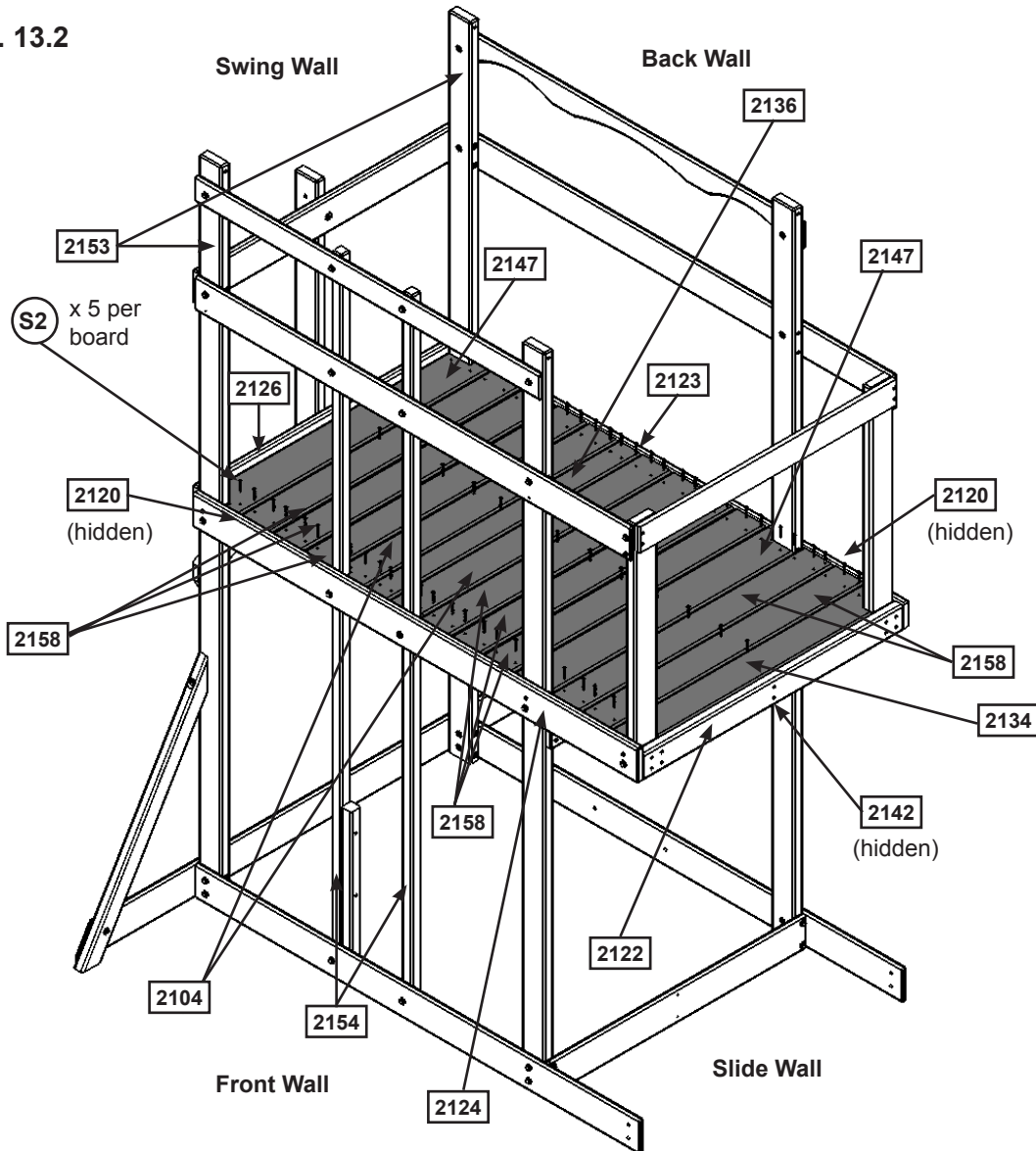


D: Place 1 (2147) End Board at Swing Wall side tight to (2126) SW Floor and (2134) Cedar Gap Board on Slide Wall side tight to (2122) SL Floor End.

E: Starting on the Swing Wall side place 3 (2158) Cedar Floor Boards followed by 1 (2104) Middle Gap Board so the gap in the board fits around the (2154) Front Post, then the (2136) CE Gap Board, another (2104) Middle Gap Board, 3 more (2158) Cedar Floor Boards, 1 (2147) End Board and then the last 2 (2158) Cedar Floor Boards. Make sure all boards are evenly spaced. (fig. 13.2)

F: Attach all boards to both (2120) Floor Front Backs and (2142) Floor Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 13.2)

Fig. 13.2



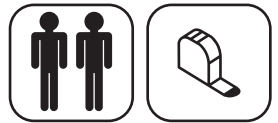
Wood Parts

- 1 x 2136 CE Gap Board 1 x 4 x 38-3/4"
- 2 x 2147 End Board 1 x 6 x 38-3/4"
- 8 x 2158 Cedar Floor Board 1 x 5 x 38-3/4"
- 1 x 2134 Cedar Gap Board 1 x 5 x 38-3/4"
- 2 x 2104 Middle Gap Board 1 x 5 x 38-3/4"

Hardware

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

Step 14: 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 1 (0318) Ground Stake 10-1/2" into the ground on (2157) Ground SW Side at (0369) Lower Diagonal and 1 on the Slide Wall Side tight to (2153) Post on the Back Wall as shown in fig. 14.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 14.2)

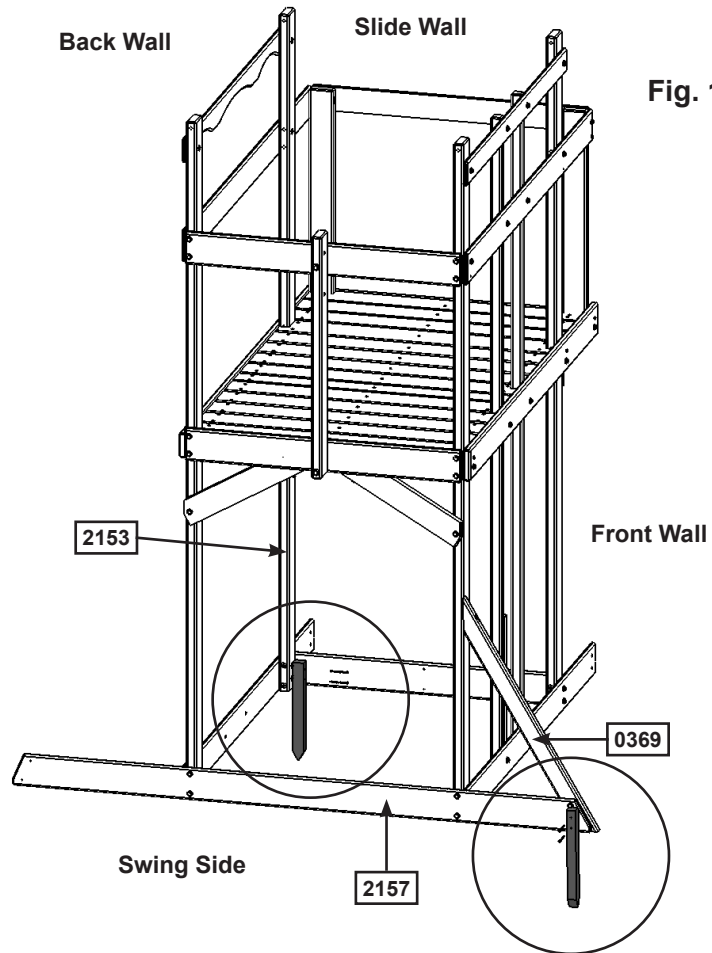
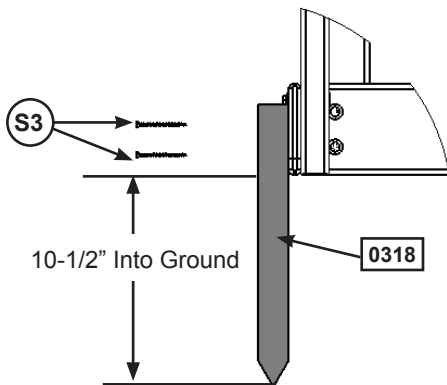


Fig. 14.1

Fig. 14.2



Wood Parts

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

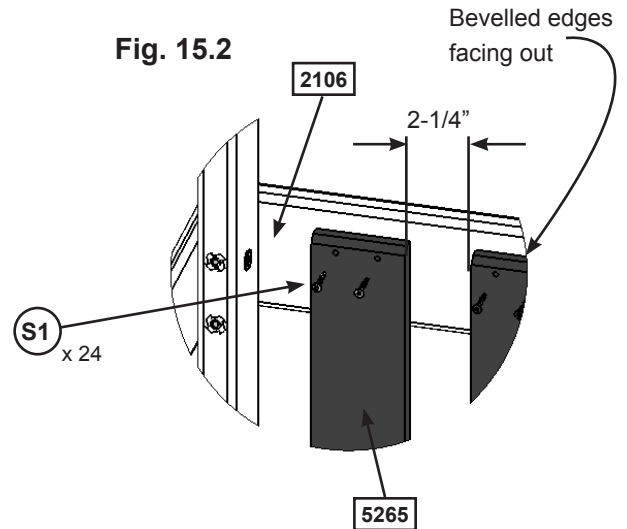
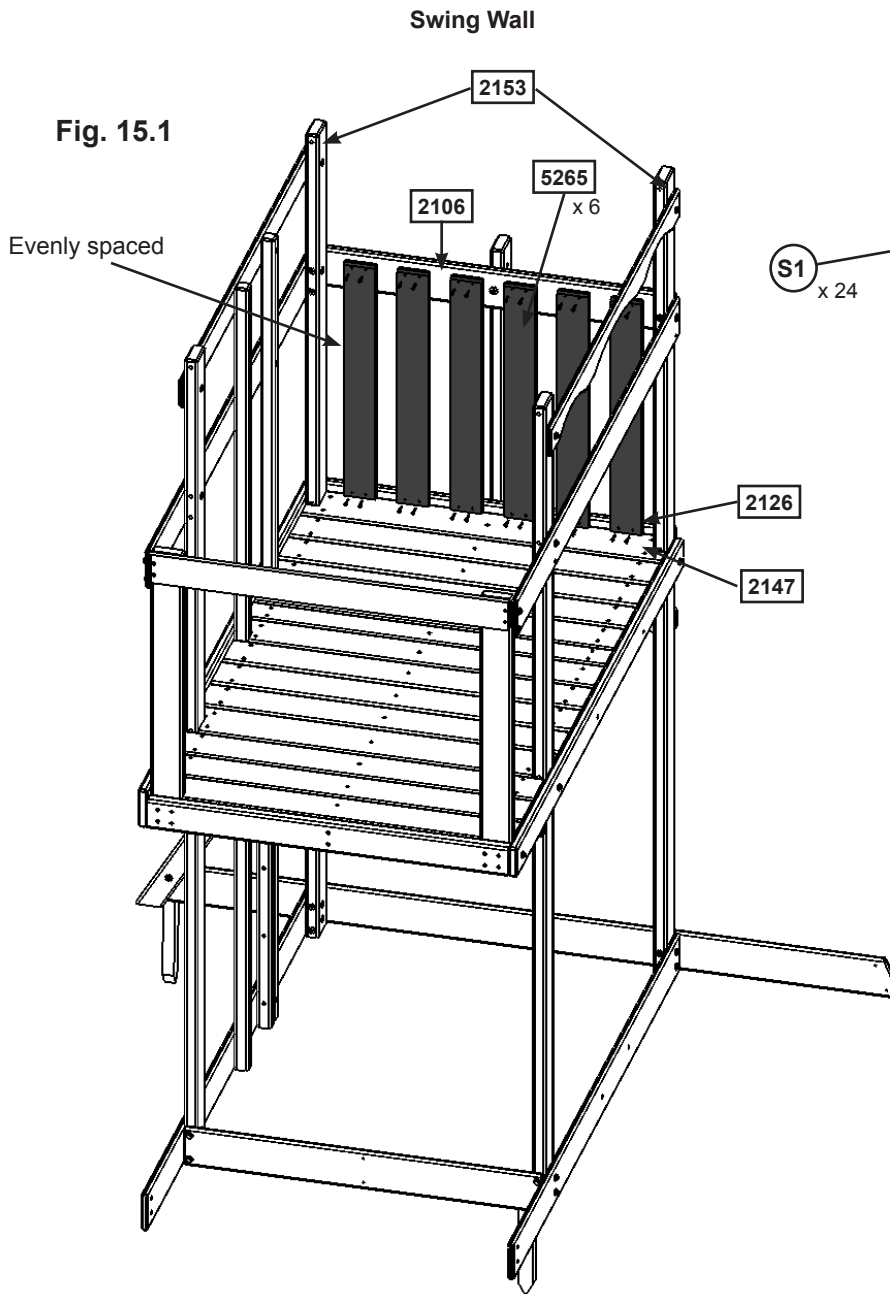
Hardware

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

Step 15: Upper Swing Wall Assembly



A: In between both (2153) Posts on Swing Wall side attach 6 (5265) Cedar Walls to (2126) SW Floor and (2106) SW Top using 4 (S1) #8 x 1-1/8" Wood Screws per board. Make sure the bottom of the boards are tight against (2147) End Board and the bevelled ends are at the top and facing out. Evenly space boards as shown below. Spacing must be 2-1/4" in between all boards. (fig. 15.1 and 15.2)



Wood Parts

6 x 5265 Cedar Wall 1 x 4 x 28"

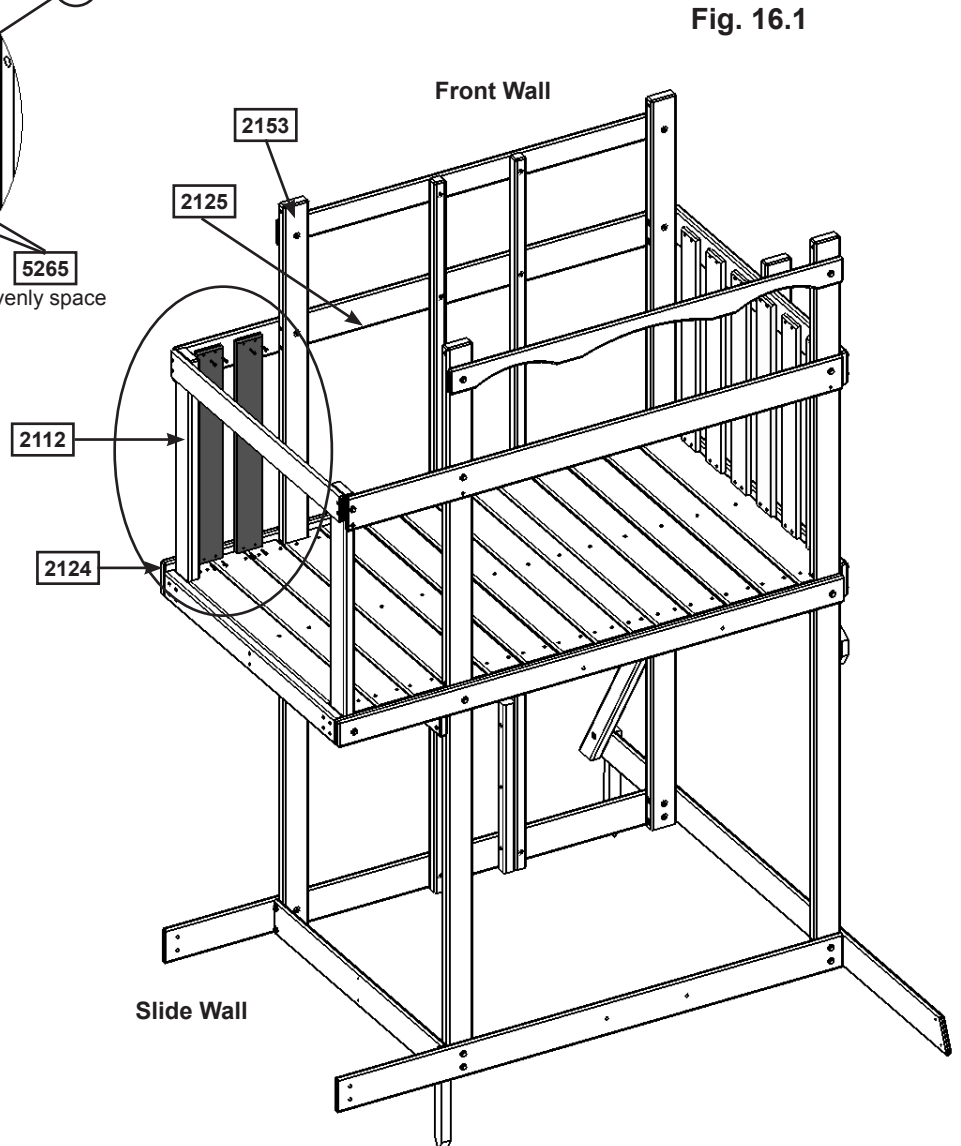
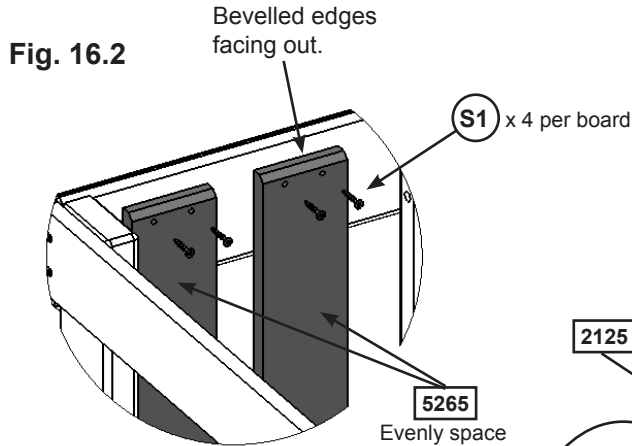
Hardware

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

Step 16: Upper Front Wall Assembly

Part 1

A: On the Slide Wall side, in between (2112) SL Post and (2153) Post on the Front Wall, evenly space and attach 2 (5265) Cedar Walls to (2125) Middle Front and (2124) Front Floor, using 4 (S1) #8 x 1-1/8" Wood Screws per board. Make sure the bottom of the boards are tight against the floor boards and the bevelled ends are at the top and facing out. (fig. 16.1 and 16.2)



Wood Parts

2 x 5265 Cedar Wall 1 x 4 x 28"

Hardware

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

Step 16: Upper Front Wall Assembly

Part 2

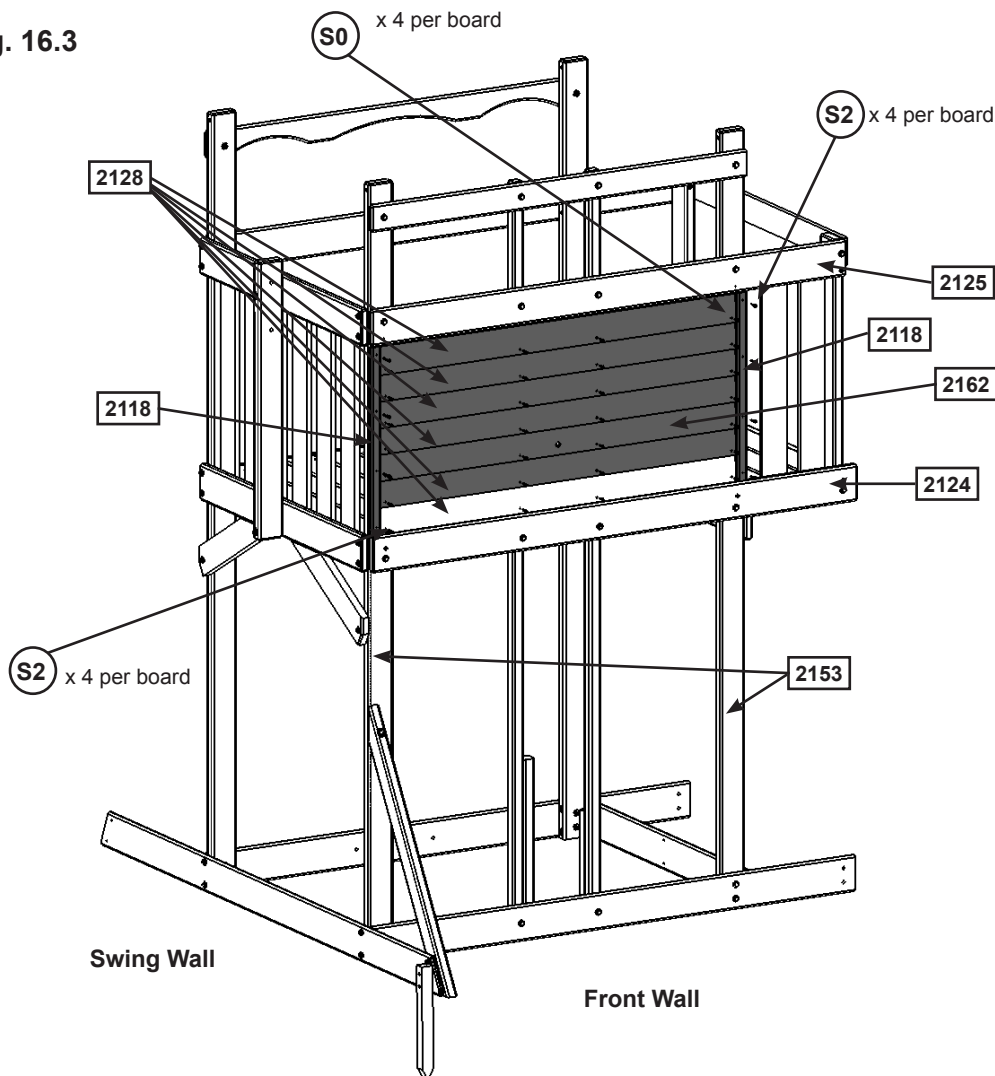
B: Place 1 (2118) Front Trim tight to the top of (2124) Front Floor and flush to the outside edge of (2153) Post on the Swing Wall side. Attach to (2153) Post with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 16.3)

C: Tight to top of (2124) Front Floor and tight to (2118) Front Trim attach 2 (2128) Siding to both (2153) Posts with 4 (S0) #8 x 7/8" Truss Screws per board. (fig. 16.3)

D: Install (2162) Siding - Clock followed by 4 more (2128) Siding making sure there are no gaps between boards. Attach to both (2153) Posts with 4 (S0) #8 x 7/8" Truss Screws per board. The top of the last (2128) Siding should be tight to the bottom of (2125) Middle Front. (fig. 16.3)

E: Tight to the siding and top of (2124) Front Floor attach a second (2118) Front Trim to (2153) Post with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 16.3)

Fig. 16.3



Wood Parts

- 6 x (2128) Siding 3/8 x 3-1/2 x 49-1/8"
- 1 x (2162) Siding - Clock 3/8 x 3-1/2 x 49-1/8"
- 2 x (2118) Front Trim 1 x 2 x 23-3/8"

Hardware

- 28 x (S0) #8 x 7/8" Truss Screw
- 8 x (S2) #8 x 1-1/2" Wood Screw

Step 16: Upper Front Wall Assembly

Part 3



F: Place 2 (2152) Roof Supports on the (2128) Siding so the ends are tight against the inside edges of (2118) Front Trim and to the top of (2124) Front Floor, as shown in fig. 16.4 and 16.5. The top of the (2152) Roof Supports should form a peak and sit tight together. Attach to (2153) Posts and (2154) Front Posts with 2 (S7) #12 x 2" Pan Screws in each support. (fig. 16.4, 16.5 and 16.6)

G: Place (2108) Left Roof Board and (2109) Right Roof Board on top of (2152) Roof Supports so they meet tight in the centre and form a peak. Attach to each (2152) Roof Support with 3 (S2) #8 x 1-1/2" Wood Screws per board, as shown in fig. 16.4, 16.5 and 16.6.

Fig. 16.6

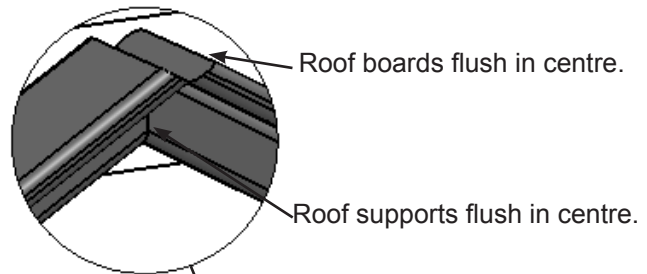


Fig. 16.5

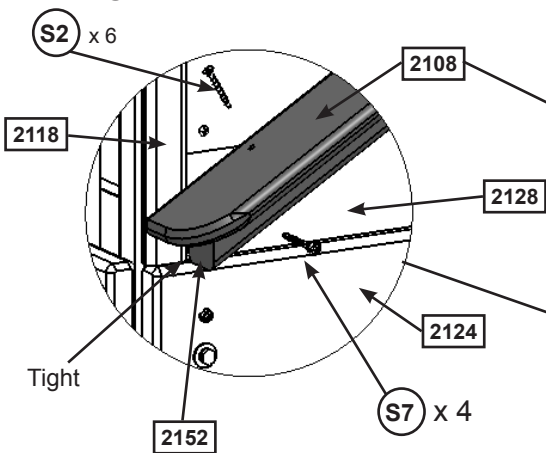
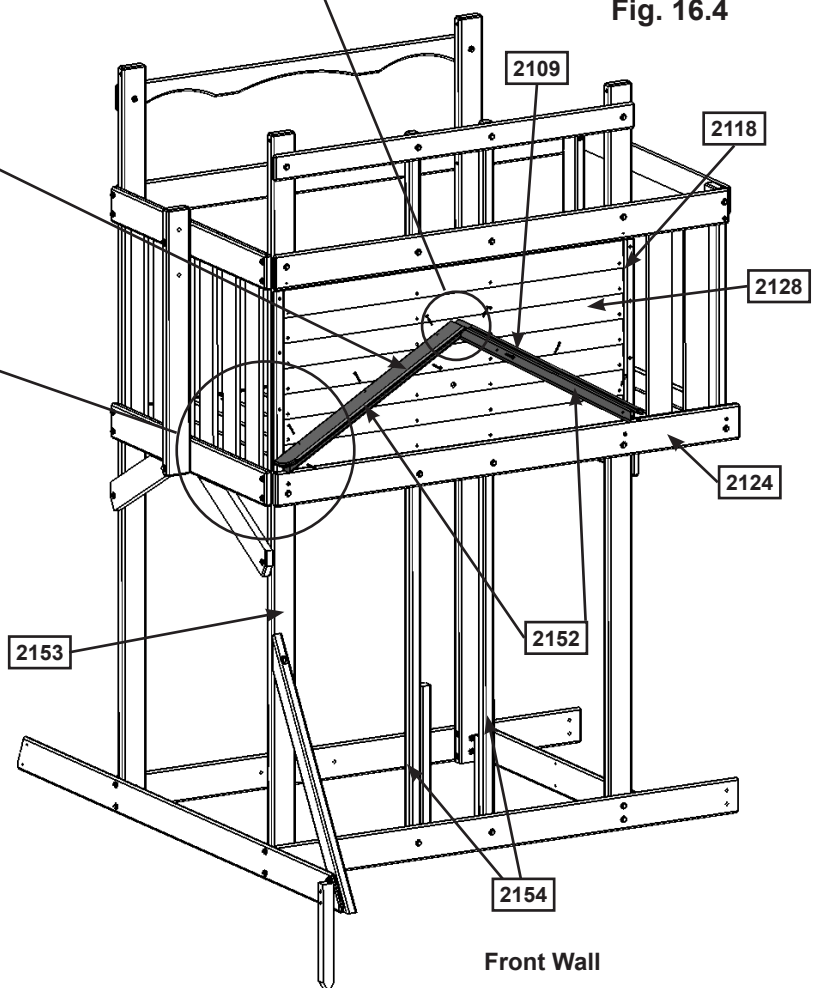


Fig. 16.4



Front Wall

Wood Parts

- 1 x 2109 Right Roof Board 1 x 4 x 30"
- 1 x 2108 Left Roof Board 1 x 4 x 30"
- 2 x 2152 Roof Support 2 x 2 x 29-1/4"

Hardware

- 6 x S2 #8 x 1-1/2" Wood Screw
- 4 x S7 #12 x 2" Pan Screw

Step 16: Upper Front Wall Assembly

Part 4

H: On the inside of the assembly, flush to the top of (2114) Top Front and tight to the inside of each (2153) Post and on each side of both (2154) Front Posts attach 6 (2133) Trim to (2114) Top Front and (2125) Middle Front with 2 (S1) #8 x 1-1/8" Wood Screws per trim. (fig. 16.7 and 16.8)

I: On the outside of the assembly tight to the top of (2125) Middle Front and flush to the outside edges of 2 centre (2133) Trim, as shown in fig. 16.10, attach (0389) Window Frame to (2133) Trim with 2 (S1) #8 x 1-1/8" Wood Screws. (fig. 16.9 and 16.10)

J: Tight to top of (0389) Window Frame and flush to the outside edges of 2 (2133) Trim attach 2 (2119) Oval Windows from inside the assembly to each of the 4 centre (2133) Trims with 1 (S1) #8 x 1-1/8" Wood Screw per trim. (fig. 16.10)

K: Attach 1 (1740) Window Brace flush to the inside edge of each outer (2133) Trim with 1 (S1) #8 x 1-1/8" Wood Screw per trim. (fig. 16.10)

Fig. 16.7

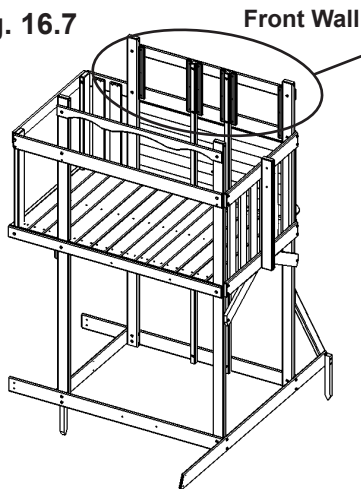


Fig. 16.8

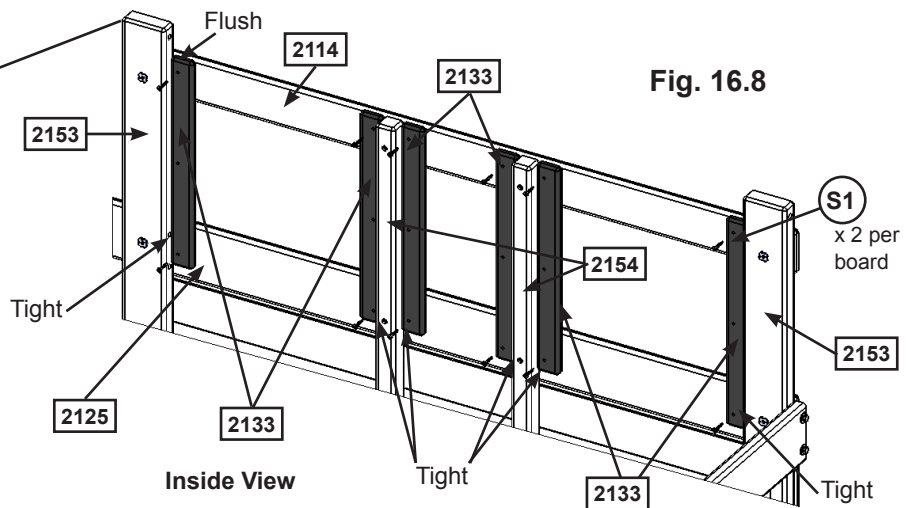


Fig. 16.9

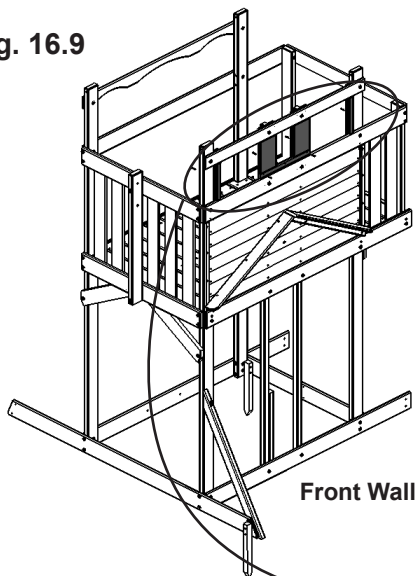
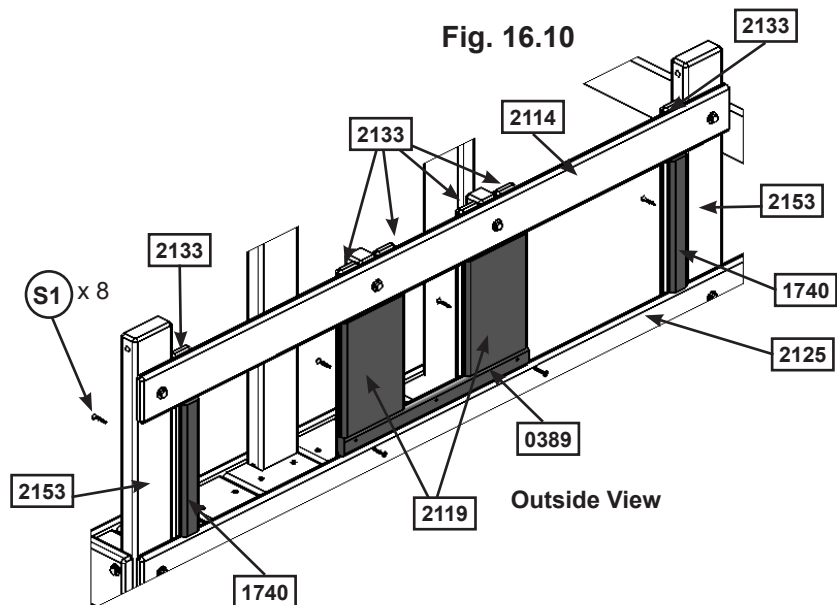


Fig. 16.10



Wood Parts

- 6 x 2133 Trim 5/8 x 1-3/4 x 16-1/4"
- 2 x 1740 Window Brace 1 x 2 x 9-1/2"
- 2 x 2119 Oval Window 1 x 6 x 8-1/4"
- 1 x 0389 Window Frame 1 x 2 x 16-1/4"

Hardware

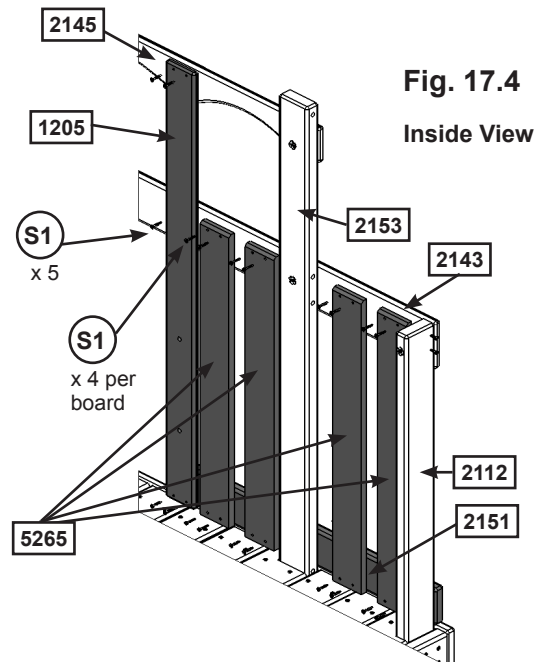
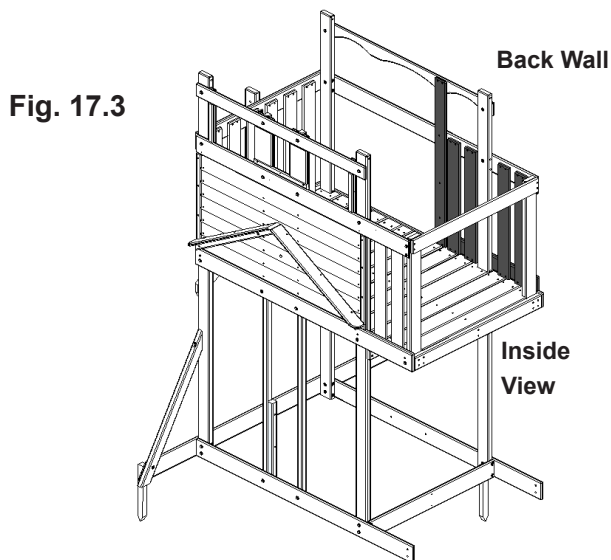
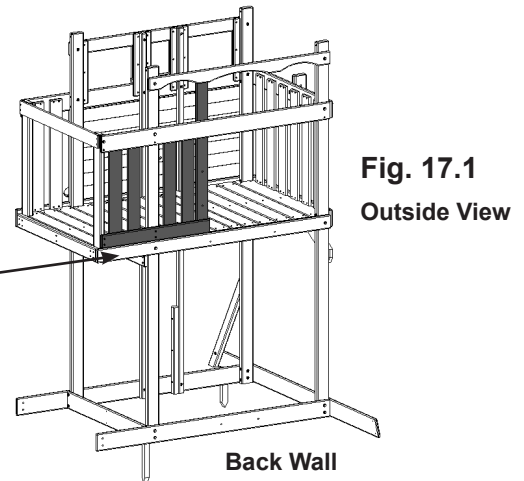
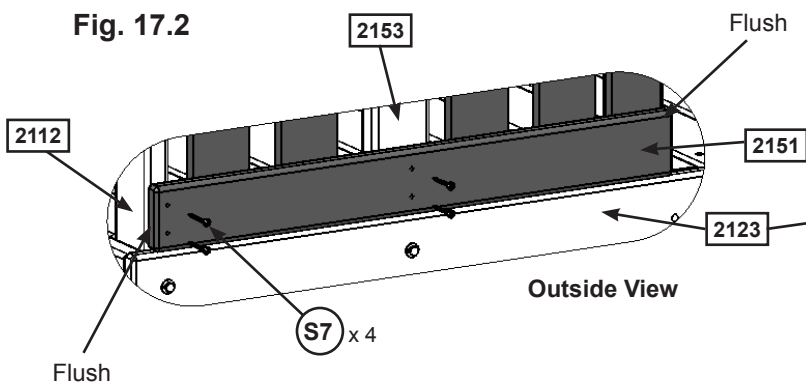
- 20 x S1 #8 x 1-1/8" Wood Screw

Step 17: Upper Back Wall Assembly

A: Tight to the top of (2123) Back Floor and flush to the outside edge of (2112) SL Post attach (2151) Back Wall Support to (2112) SL Post and (2153) Post with 4 (S7) #12 x 2" Pan Screws. (fig. 17.1 and 17.2)

B: Flush to the outside edge of (2151) Back Wall Support and tight to the floor boards attach (1205) CE Access Wall to (2151) Back Wall Support, (2143) Middle Back and (2145) Back Top with 5 (S1) #8 x 1-1/8" Wood Screws, as shown in fig 17.2 and 17.4.

C: Evenly space and attach 4 (5265) Cedar Walls to (2151) Back Wall Support and (2143) Middle Back with 4 (S1) #8 x 1-1/8" Wood Screws, as shown in fig 17.1, 17.2, 17.3 and 17.4. Make sure the bottom of the boards are tight against the floor boards and the bevelled ends are at the top and facing out.



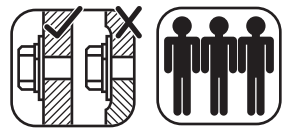
Wood Parts

- 4 x 5265 Cedar Wall 1 x 4 x 28"
- 1 x 1205 CE Access Wall 1 x 4 x 41-3/4"
- 1 x 2151 Back Wall Support 5/4 x 4 x 31"

Hardware

- 21 x (S1) #8 x 1-1/8" Wood Screw
- 4 x (S7) #12 x 2" Pan Screw

Step 18: Attach Roof to Fort Part 1



A: With two helpers place the Roof Assembly, from Step 8, on the fort at each (2153) Post, as shown in fig. 18.1.

B: Attach each (2132) Roof Support Left and (2146) Roof Support Right to each (2153) Post with 1 (H6) 1/4 x 4-3/4" Hex Bolt (with lock washer, flat washer and t-nut) in each post. (fig. 18.1 and 18.2)

Fig. 18.1

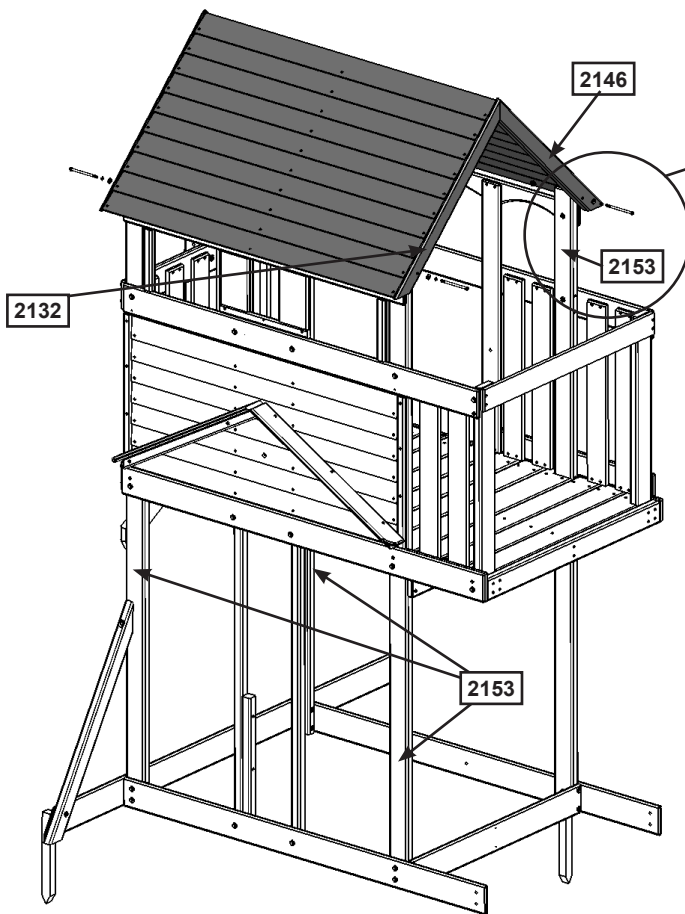
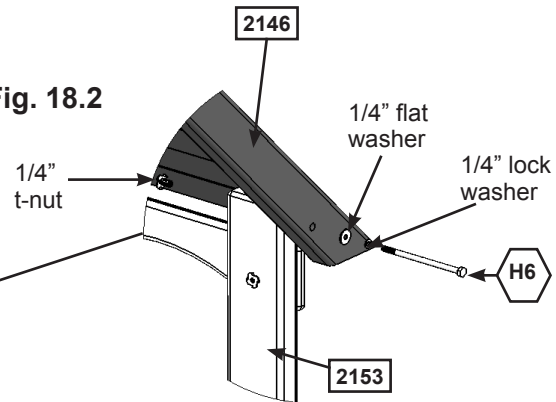



Fig. 18.2



Hardware

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

Step 18: Attach Roof to Fort Part 2

C: To the inside of each Roof Support Assembly attach 1 Peak Detail with 8 (S8) #12 x 3/4" Pan Screws (with flat washer) per assembly. (fig. 18.3 and 18.4)

D: Flush to the bottom of each Peak Detail attach 1 (2121) Gable Bottom to each Roof Support Assembly with 2 (S7) #12 x 2" Pan Screws per board. (fig. 18.5 and 18.6)

Fig. 18.3

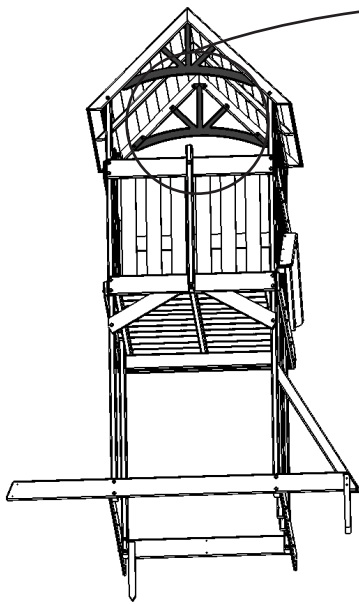
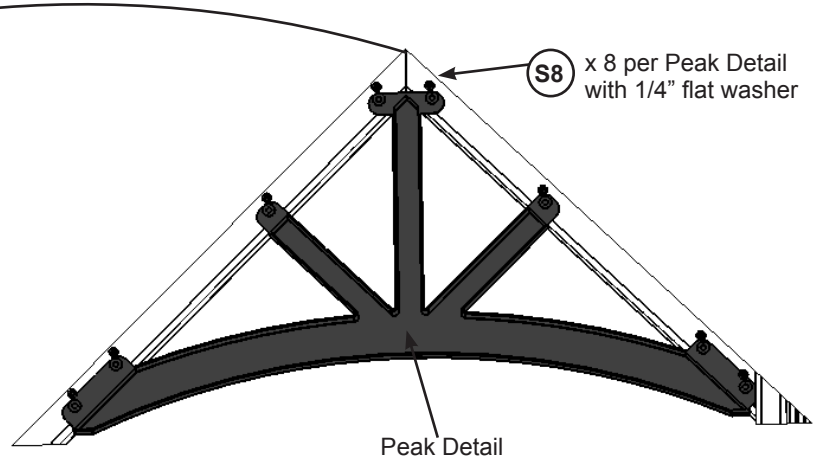


Fig. 18.4



Inside View

Fig. 18.5

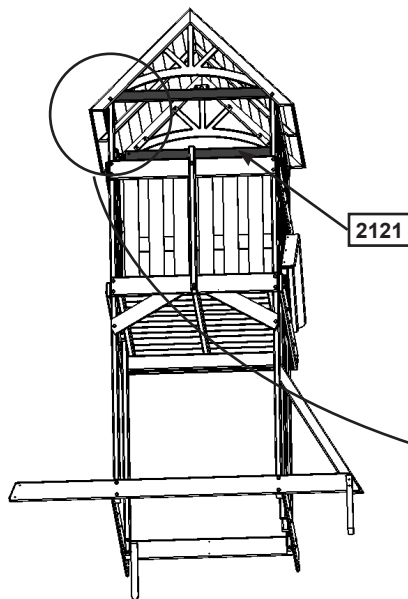
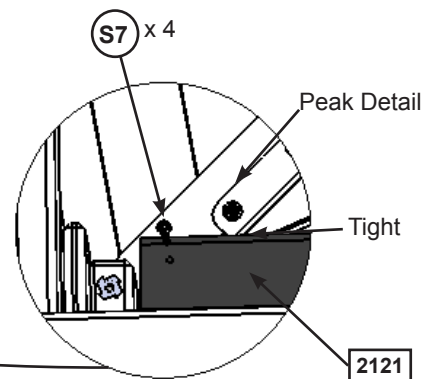


Fig. 18.6



Wood Parts

2 x 2121 Gable Bottom 5/4 x 3 x 35-7/8"

Hardware

4 x S7 #12 x 2" Pan Screw

16 x S8 #12 x 3/4" Pan Screw (1/4" flat washer)

Other Parts

2 x Peak Detail

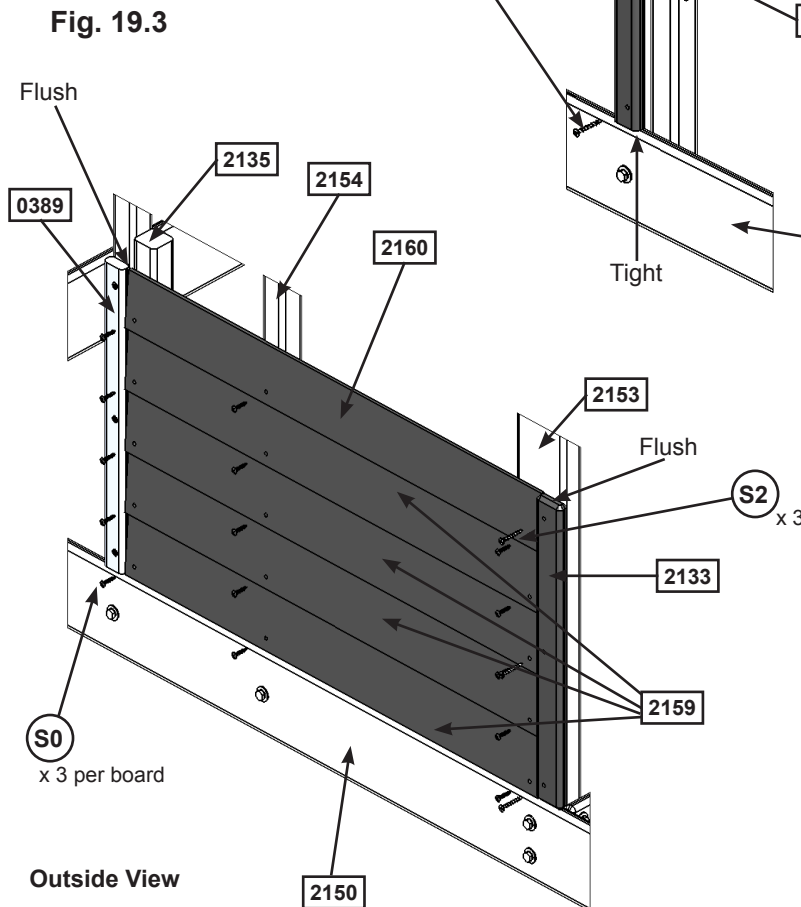
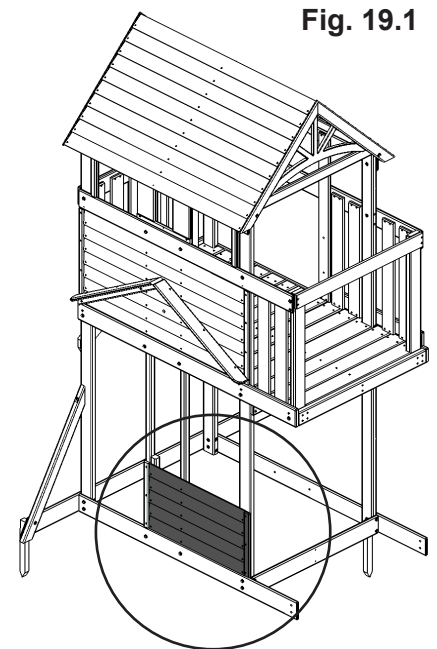
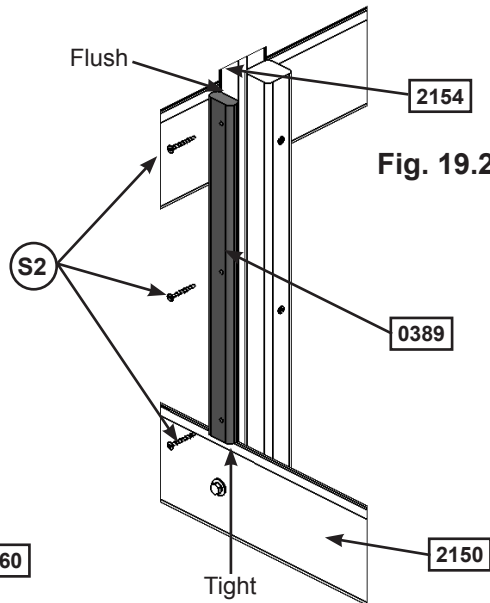
Step 19: Lower Front Wall Assembly Part 1

A: Flush to the outside edge of (2154) Front Post and tight to the top of (2150) Front Back Ground attach (0389) Window Frame to (2154) Front Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig. 19.1 and 19.2)

B: Flush to the top and tight to the inside edge of (0389) Window Frame attach (2160) Narrow Siding to (2135) Wall Support, (2154) Front Post and (2153) Post with 3 (S0) #8 x 7/8" Truss Screws as shown in fig. 19.3.

C: Tight to bottom of (2160) Narrow Siding and tight to (0389) Window Frame attach 4 (2159) Siding to (2135) Wall Support, (2154) Front Post and (2153) Post with 3 (S0) #8 x 7/8" Truss Screws per board, as shown in fig. 19.1 and 19.3. Make sure there are no gaps between boards. The bottom (2159) Siding will be tight to the top of (2150) Front Back Ground.

D: Tight to siding and top of (2150) Front Back Ground attach 1 (2133) Trim to (2153) Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig 19.3)



Wood Parts

- 1 x 0389 Window Frame 1 x 2 x 16-1/4"
- 1 x 2160 Narrow Siding 3/8 x 3 x 29-5/16"
- 1 x 2133 Trim 5/8 x 1-3/4 x 16-1/4"
- 4 x 2159 Siding 3/8 x 3-1/2 x 29-5/16"

Hardware

- 15 x S0 #8 x 7/8" Truss Screw
- 6 x S2 #8 x 1-1/2" Wood Screw

Step 19: Lower Front Wall Assembly Part 2

E: Place (2102) Front Table Support on top of (2131) Front Table Top, with faces and ends flush, as shown in fig. 19.4. Notice the hole in (2102) Front Table Support is centred over the notched out section of (2131) Front Table Top and attach using 3 (S7) #12 x 2" Pan Screws.

F: Place Table Top Assembly tight to the top of (2160) Narrow Siding, (0389) Window Frame and (2133) Trim so the middle notch fits around centre (2154) Front Post. Make sure (2102) Front Table Support is tight to (2153) Post and both (2154) Front Posts then attach (2102) Front Table Support to each post using 1 (S3) #8 x 2-1/2" Wood Screw per post. (fig. 19.5 and 19.6)

Fig. 19.5

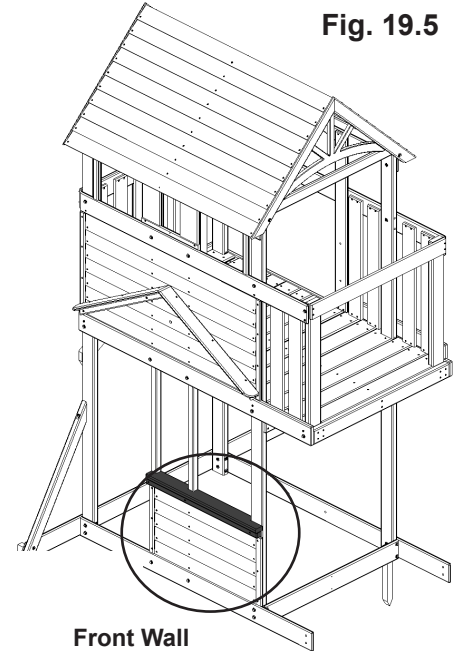


Fig. 19.4

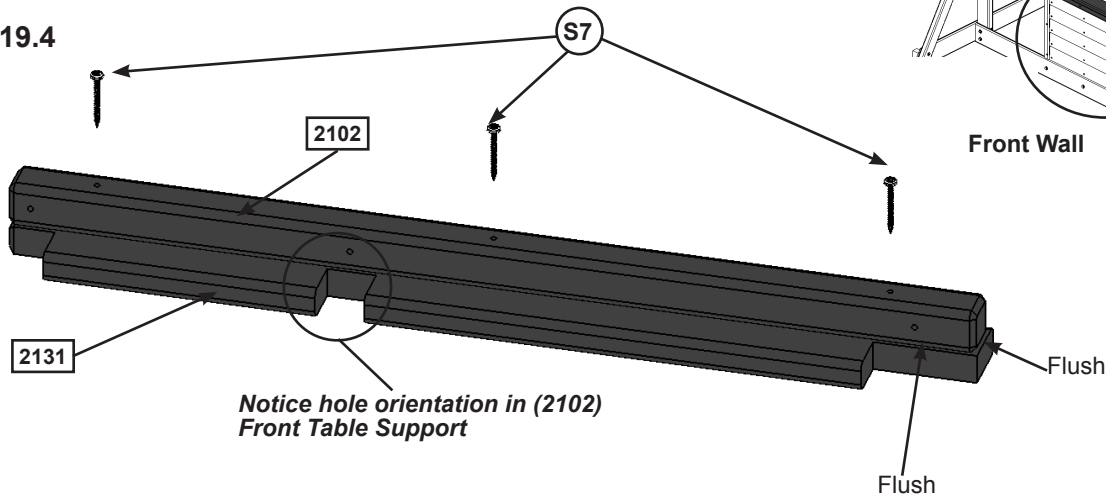
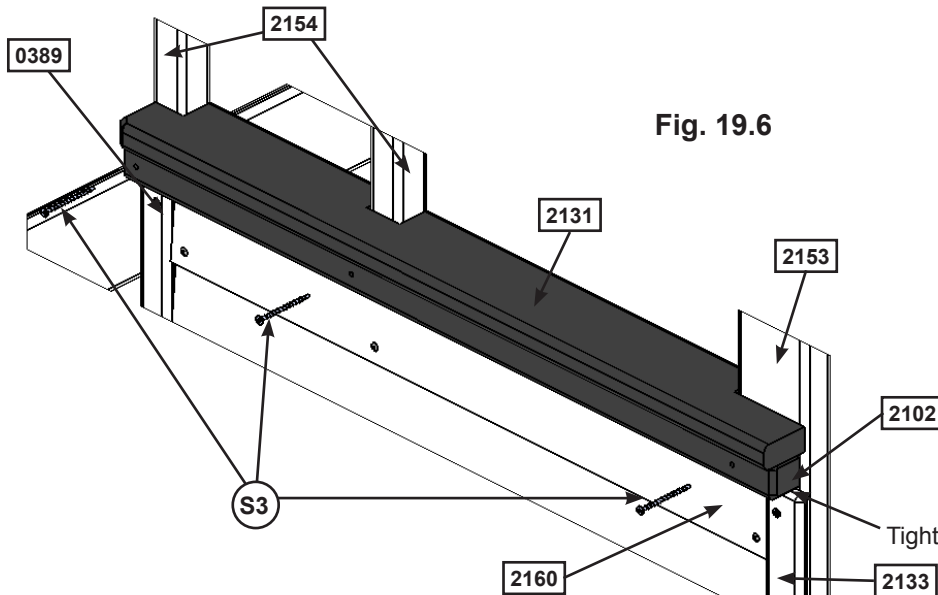


Fig. 19.6



Wood Parts

- 1 x (2102) Front Table Support 2 x 2 x 32"
- 1 x (2131) Front Table Top 5/4 x 4 x 32-1/16"

Hardware

- 3 x (S7) #12 x 2" Pan Screw
- 3 x (S3) #8 x 2-1/2" Wood Screw

Step 20: Lower Slide Wall Assembly Part 1



A: Place (2129) Cafe Support flush to the short notched out extension of (2141) Cafe Top, as shown in fig. 20.1, and attach using 4 (S7) #12 x 2" Pan Screws.

B: Place Cafe Top Assembly against both (2153) Posts on the Slide Wall side so (2141) Cafe Top is level with (2131) Front Table Top. Make sure Cafe Top Assembly is level then attach to (2102) Front Table Support and both (2153) Posts with 3 (S3) #8 x 2-1/2" Wood Screws. (fig. 20.2 and 20.3)

Fig. 20.1

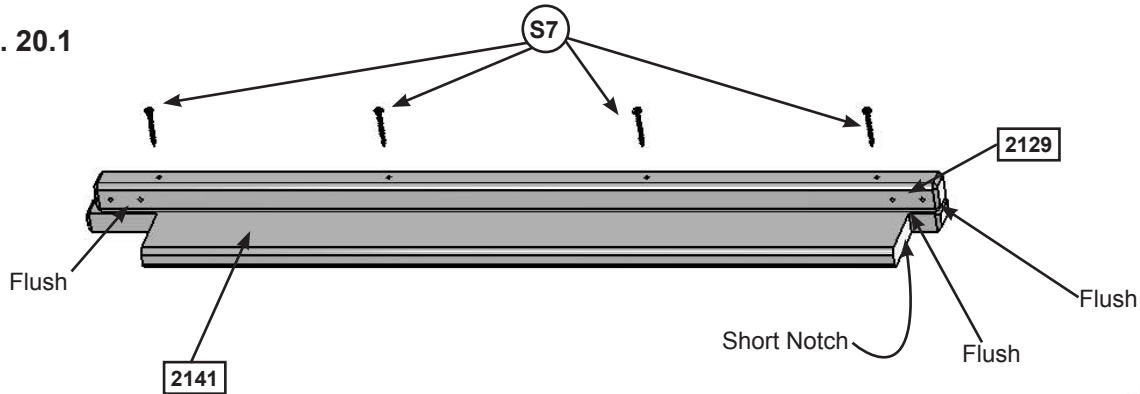
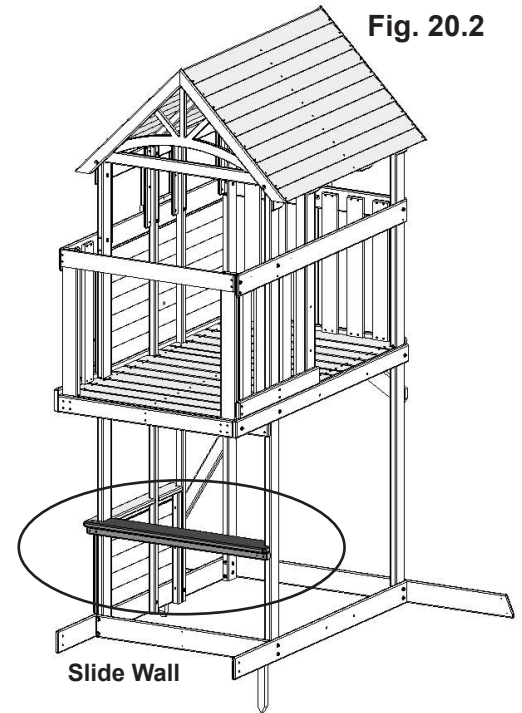
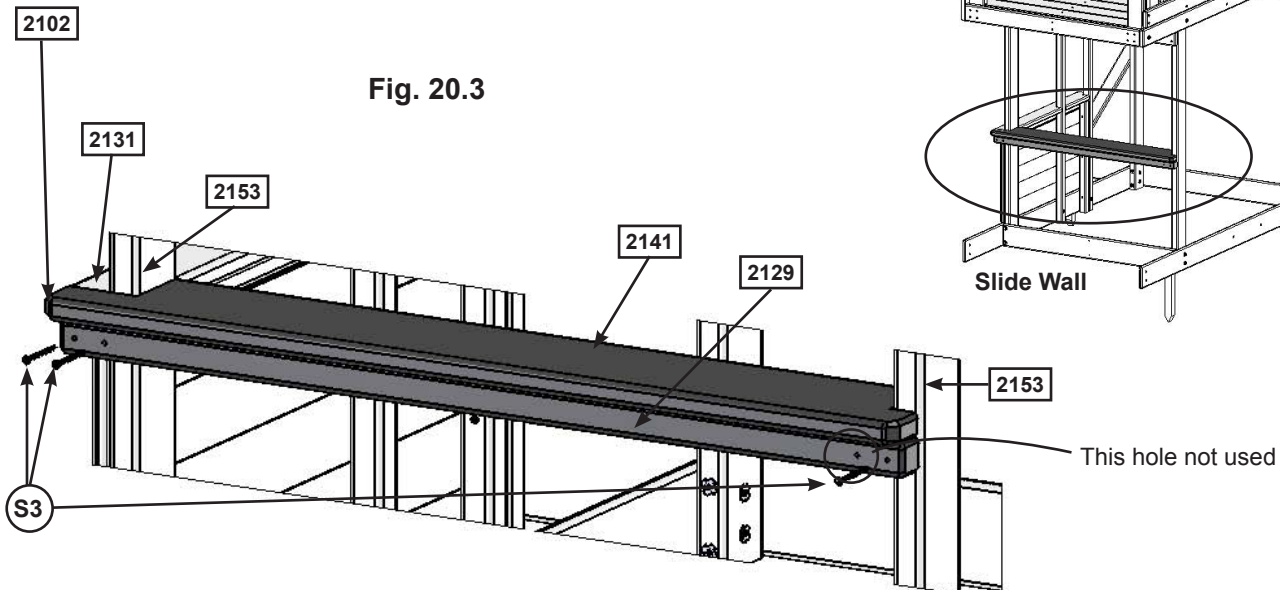


Fig. 20.2



(hidden behind board)



Wood Parts

- 1 x 2141 Cafe Top 5/4 x 6 x 40-7/8"
- 1 x 2129 Cafe Support 2 x 2 x 40-3/8"

Hardware

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

Step 20: Lower Slide Wall Assembly Part 2

C: Tight to the bottom of (2129) Cafe Support and flush to outside edges of both (2153) Posts attach (2155) Siding Narrow to each post with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 20.4 and 20.6.

D: Tight to bottom of (2155) Siding Narrow and flush to the outside edges of both (2153) Posts attach 4 (2116) Siding to each post with 2 (S0) #8 x 7/8" Truss Screws per board, as shown in fig. 20.4 and 20.6. Make sure there are no gaps between boards. The bottom (2116) Siding will be tight to the top of (2127) Side Ground.

E: From inside the assembly place (2135) Wall Support over the centre pilot holes of the (2116) Siding and (2155) Siding Narrow and tight to the top of Cafe Assembly then attach from outside of the assembly with 1 (S0) #8 x 7/8" Truss Screw per siding and 2 (S15) #8 x 1-3/4" Wood Screws in (2127) Side Ground. (fig. 20.5 and 20.6)

Fig. 20.5

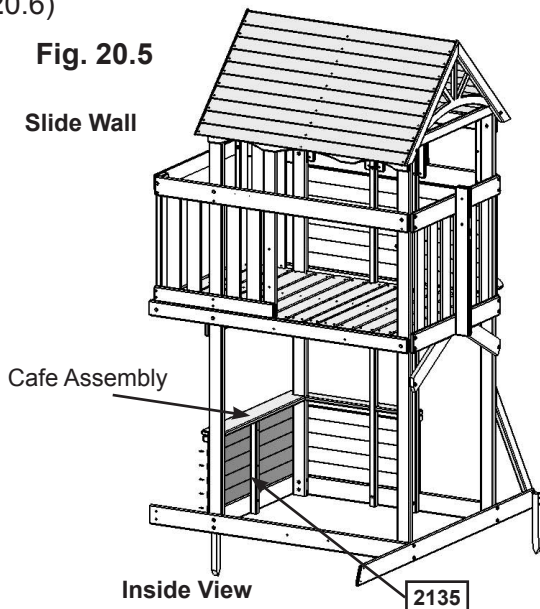


Fig. 20.4

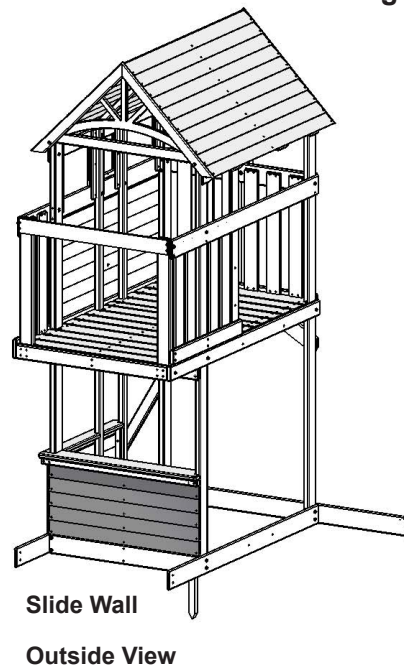
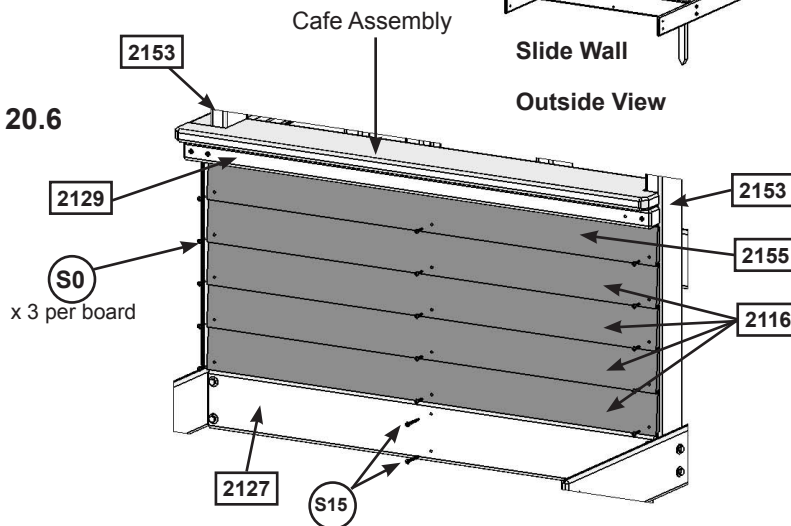


Fig. 20.6



Wood Parts

- 1 x (2155) Siding Narrow 3/8 x 3 x 38-3/4"
- 4 x (2116) Siding 3/8 x 3-1/2 x 38-3/4"
- 1 x (2135) Wall Support 2 x 2 x 22-1/4"

Hardware

- 15 x (S0) #8 x 7/8" Truss Screw
- 2 x (S15) #8 x 1-3/4" Wood Screw

Step 21: Lower Swing Wall Assembly

A: Tight to the top of (2157) Ground SW Side and flush to the outside edges of both (2153) Posts on the Swing Wall side attach 4 (2116) Siding to each post with 2 (S0) #8 x 7/8" Truss Screws per board, as shown in fig. 21.1 and 21.2. Make sure there are no gaps between boards.

B: Tight to the top (2116) Siding and flush to outside edges of both (2153) Posts attach (2155) Siding Narrow to each post with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 21.3.

C: Place (2144) Lower Bench tight to the top of (2155) Siding Narrow and flush to the outside edges of both (2153) Posts then attach to posts with 4 (S7) #12 x 2" Pan Screws (with flat washer). (fig. 21.3)

D: From inside the assembly place (2139) SW Wall Support over the centre pilot holes of the (2116) Siding and (2155) Siding Narrow and flush to the top of (2144) Lower Bench then attach from outside of the assembly with 1 (S0) #8 x 7/8" Truss Screw per siding and 1 (S1) #8 x 1-1/8" Wood Screw in (2157) Ground SW Side. (fig. 21.2 and 21.3)

Fig. 21.2

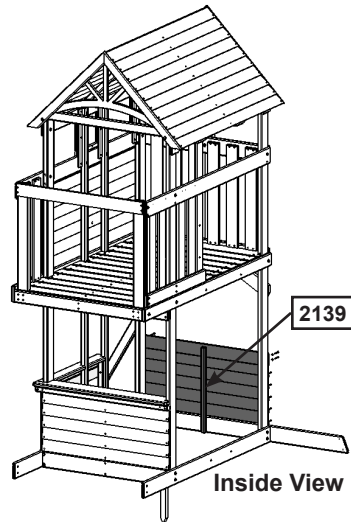


Fig. 21.1

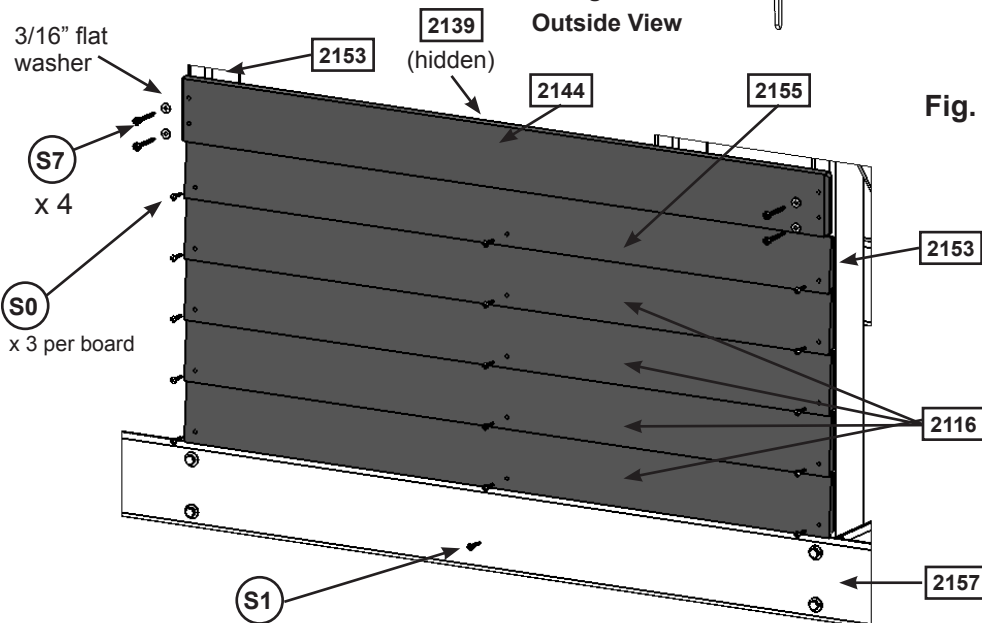
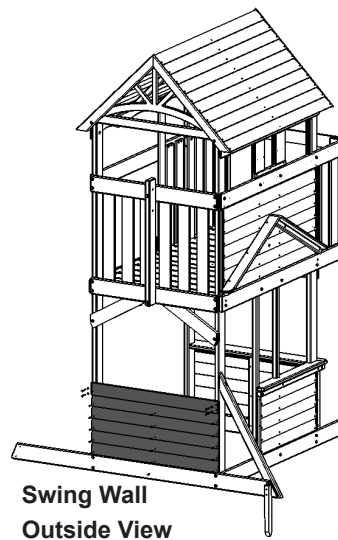


Fig. 21.3

Wood Parts

- 1 x [2144] Lower Bench 1 x 4 x 38-7/8"
- 1 x [2155] Siding Narrow 3/8 x 3 x 38-3/4"
- 4 x [2116] Siding 3/8 x 3-1/2 x 38-3/4"
- 1 x [2139] SW Wall Support 5/4 x 2 x 23-1/2"

Hardware

- 4 x (S7) #12 x 2" Pan Screw (3/16" flat washer)
- 15 x (S0) #8 x 7/8" Truss Screw
- 2 x (S1) #8 x 1-1/8" Wood Screw

Step 22: Attach Access Ladder/Rockwall Assembly to Fort



Pre-drill all holes using a 3/16" drill bit before installing the Lag Screws

A: Remove (2149) Top Bottom Rockwall from the top of the Access Ladder Rockwall, previously assembled in Step 2. Set the board and screws aside, they will be re-attached. (fig. 22.1 and 22.2)

B: Place the Access Ladder Rockwall in opening on the Back Wall, attach to (2123) Back Floor with 1 (H12) 1/4 x 3" Hex Bolt (with lock washer and flat washer, t-nut previously installed) in both (2101) Access Ladder Left and (2117) Rock Rail and then 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) in (2100) Access Rail Right. (fig. 22.1 and 22.2)

C: Re-attach (2149) Top Bottom Rockwall to the same place it was removed. Notice screw holes are towards the bottom of the board. (fig. 22.3)

D: Attach (2157) Ground SW Side to (2100) Access Rail Right with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 22.4)

Fig. 22.1

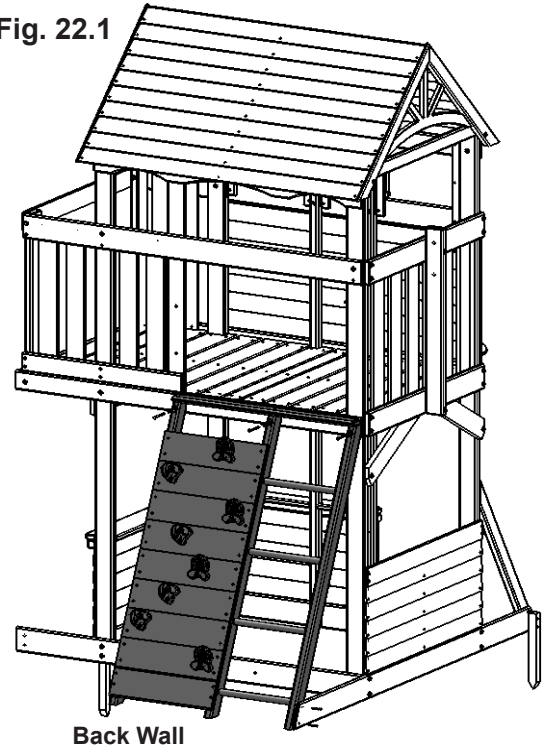


Fig. 22.3

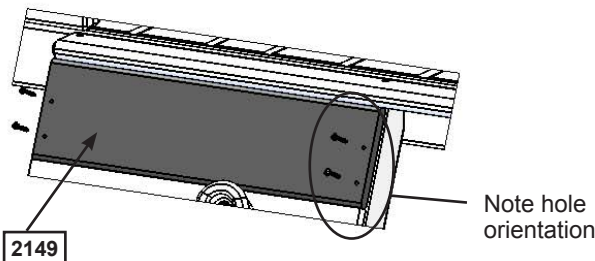


Fig. 22.4

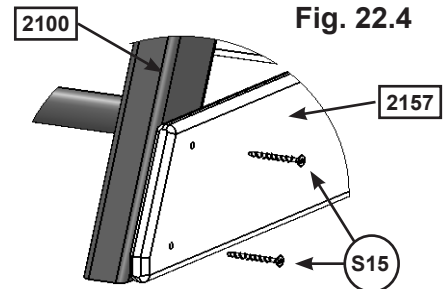
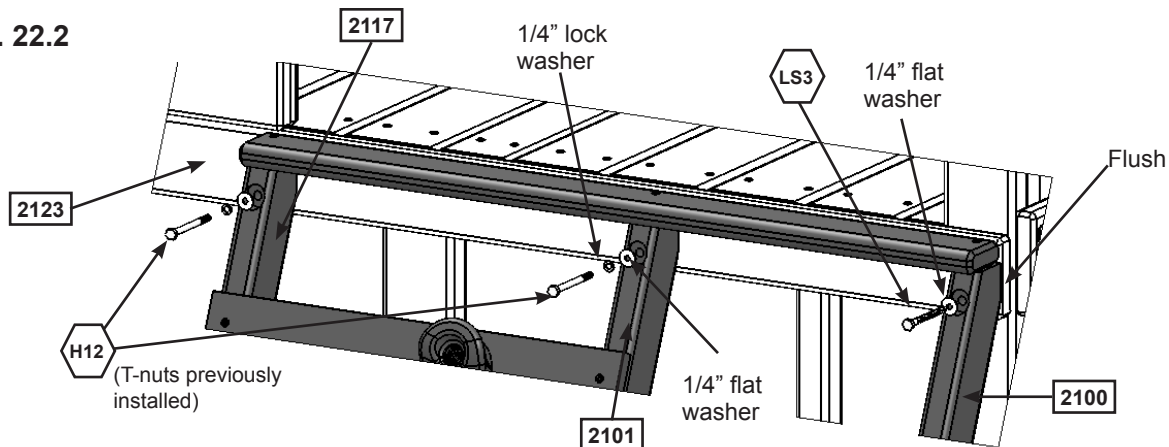


Fig. 22.2



Hardware

- 1 x 1/4 x 3" Lag Screw (1/4" flat washer)
- 2 x 1/4 x 3" Hex Bolt (1/4" lock washer, 1/4" flat washer, t-nuts previously installed)
- 2 x #8 x 1-3/4" Wood Screw

Step 23: Attach Ground Stake to Fort



A: Drive 1 (0318) Ground Stake 10-1/2" into the ground at Access Ladder Rockwall and attach to (2157) Ground SW Side, into (2100) Access Rail Right with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 23.1 and 23.2)

⚠️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. 23.1

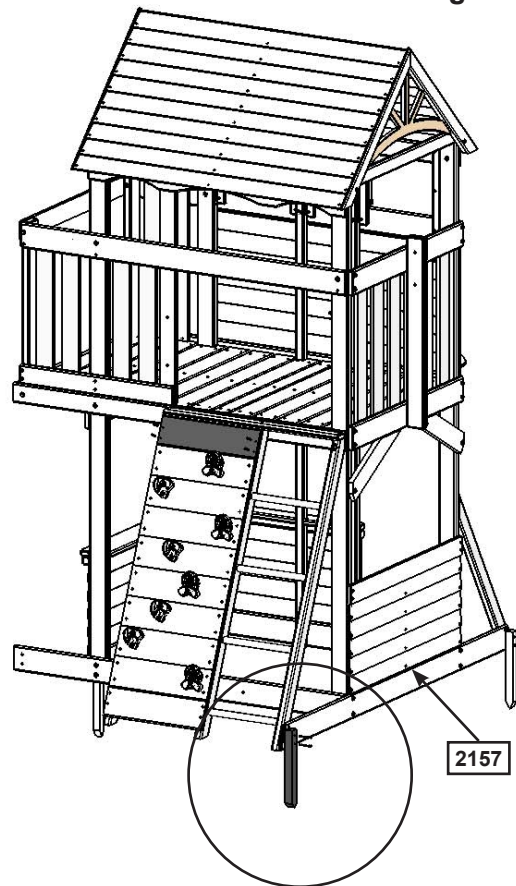
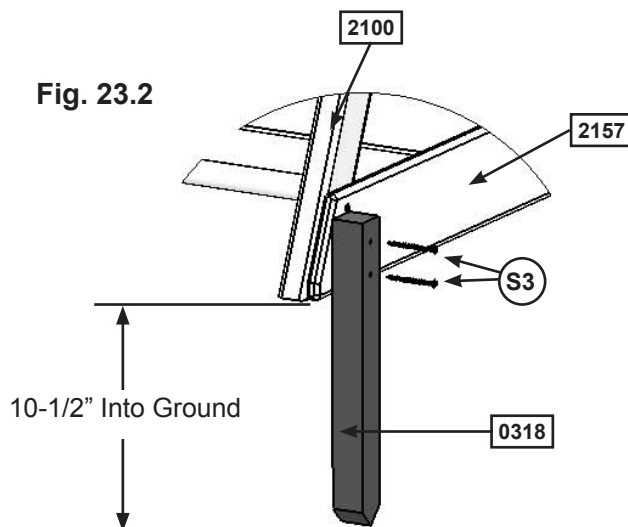


Fig. 23.2



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 24: Door Wall Assembly Part 1

A: Tight to the bottom of (2124) Front Floor and flush to the outside edge of (2153) Post attach (2115) Chalkwall Top to both (2153) Posts and both (2154) Front Posts with 6 (S7) #12 x 2" Pan Screws, as shown in fig. 24.1 and 24.2.

Fig. 24.1

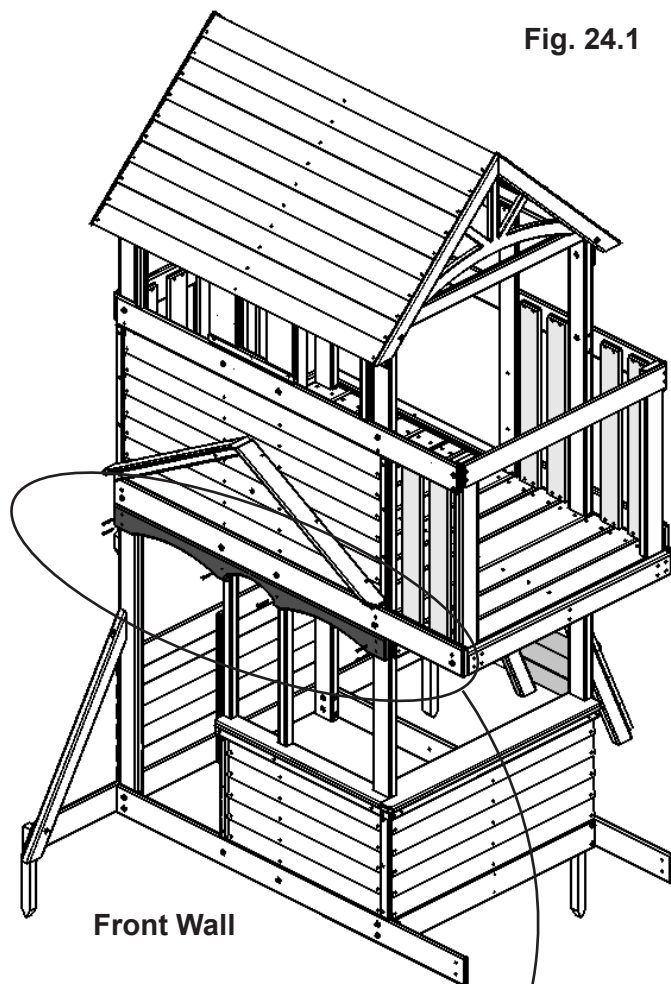
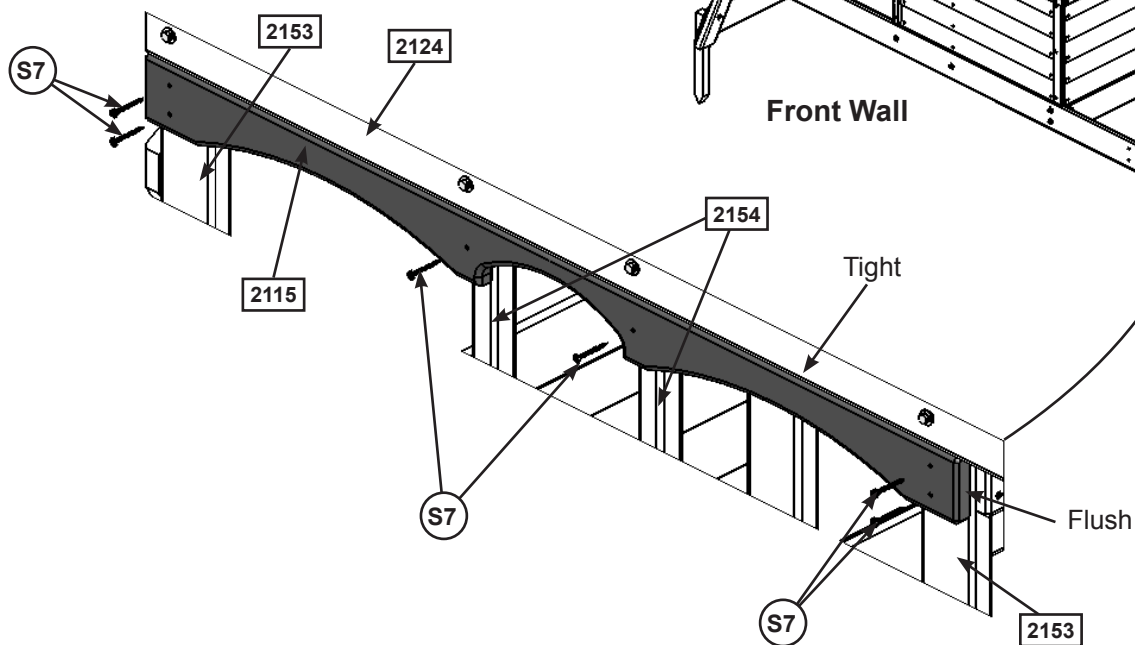


Fig. 24.2



Wood Parts

1 x [2115] Chalkwall Top 5/4 x 4 x 52"

Hardware

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

Step 24: Door Wall Assembly Part 2



B: In the opening for the door between (2153) Post and (2154) Front Post, measure 5/8" up from the top of (2150) Front Back Ground then attach remaining side of the Door Hinges on the Door Assembly to (2153) Post with 3 (S13) #6 x 5/8" Pan Screws per hinge. (fig. 24.3 and 24.4)

Fig. 24.4

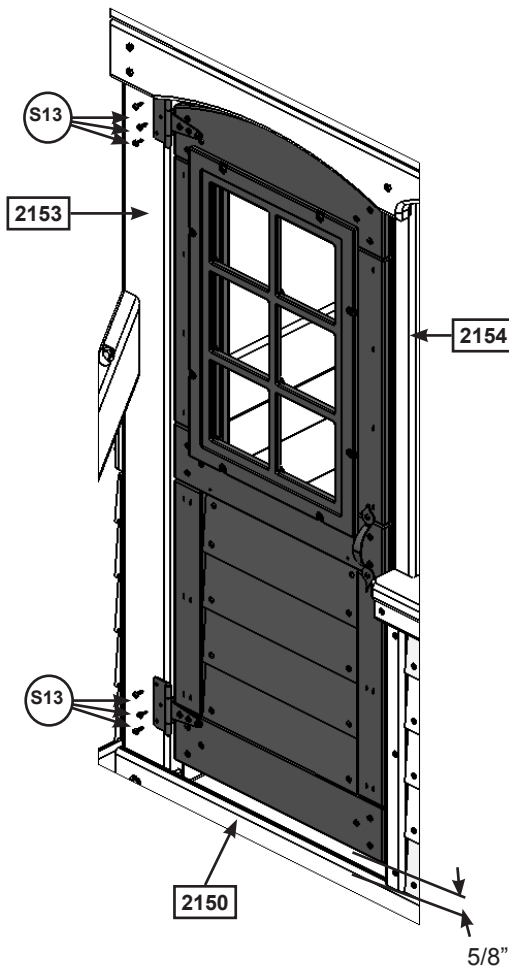
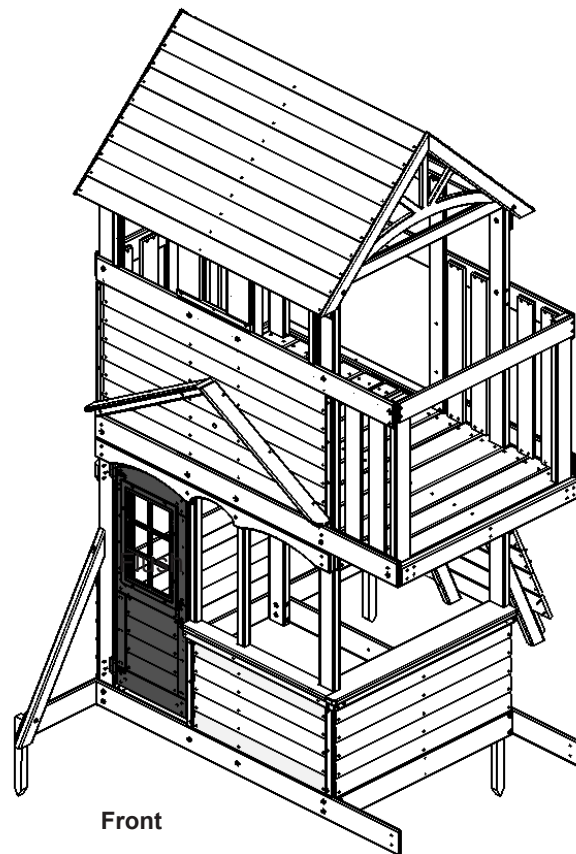


Fig. 24.3



Hardware

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

Step 24: Door Wall Assembly Part 3



C: From inside the fort measure 13" up from the bottom of (2154) Front Post attach (2107) Door Stop to (2154) Front Post and (2135) Wall Support with 3 (S15) #8 x 1-3/4" Wood Screws. (fig. 24.5, 24.6 and 24.7)

D: In the notched out opening of (2107) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 24.6) **Important: Use a hand held screw driver and DO NOT over tighten.**

Fig. 24.7

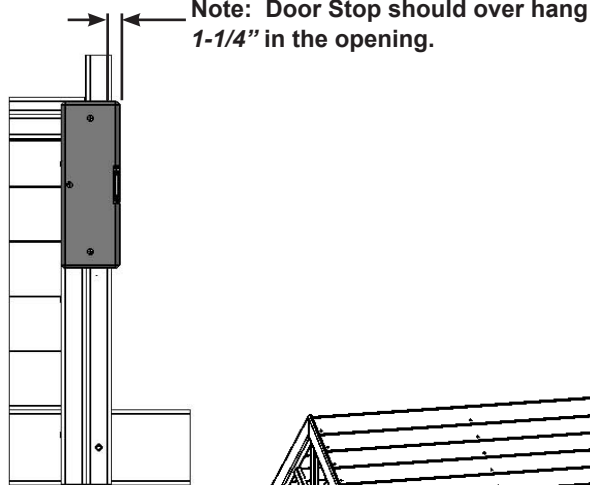


Fig. 24.6

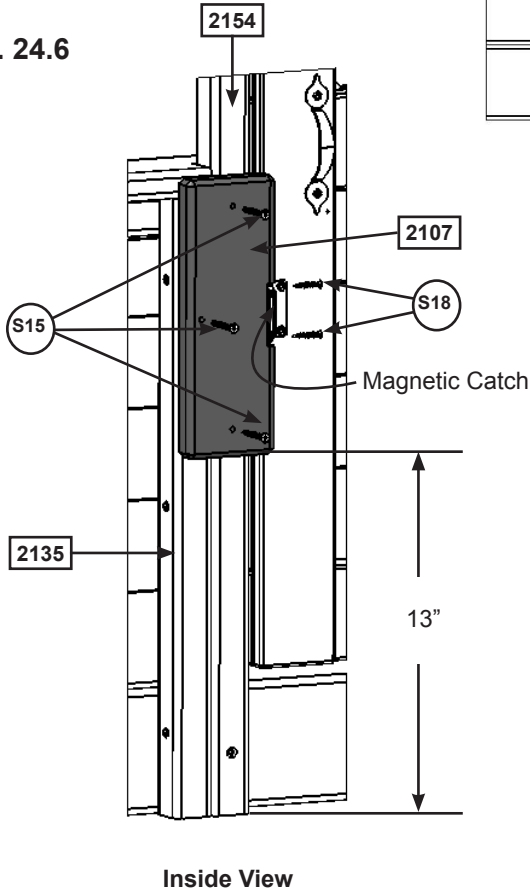


Fig. 24.5



Wood Parts

1 x (2107) Door Stop 5/4 x 4 x 10"

Hardware

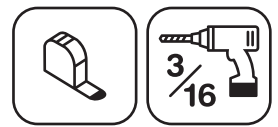
3 x (S15) #8 x 1-3/4" Wood Screw

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

Other Parts

1 x Magnetic Catch

Step 25: Attach Hand Grips and Wall Board to Fort



Pre-drill all holes using a 3/16" drill bit before installing the Lag Screws

A: Measure 6-1/2" up from the floor boards on (2153) Post then attach 1 Hand Grip with 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer). (fig. 25.1 and 25.2)

B: Attach a second Hand Grip to (1205) CE Access Wall using the bolt holes, with 2 (H0) 1/4 x 1" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 25.2)

C: Flush to the bottom of (2125) Middle Front and centred between the arches of (2145) Back Top, as shown in fig. 25.1, attach (0850) CE Wall Board with 4 (S1) #8 x 1-1/8" Wood Screws. Bevelled edge faces down and towards inside of fort. (fig. 25.2 and 25.3)

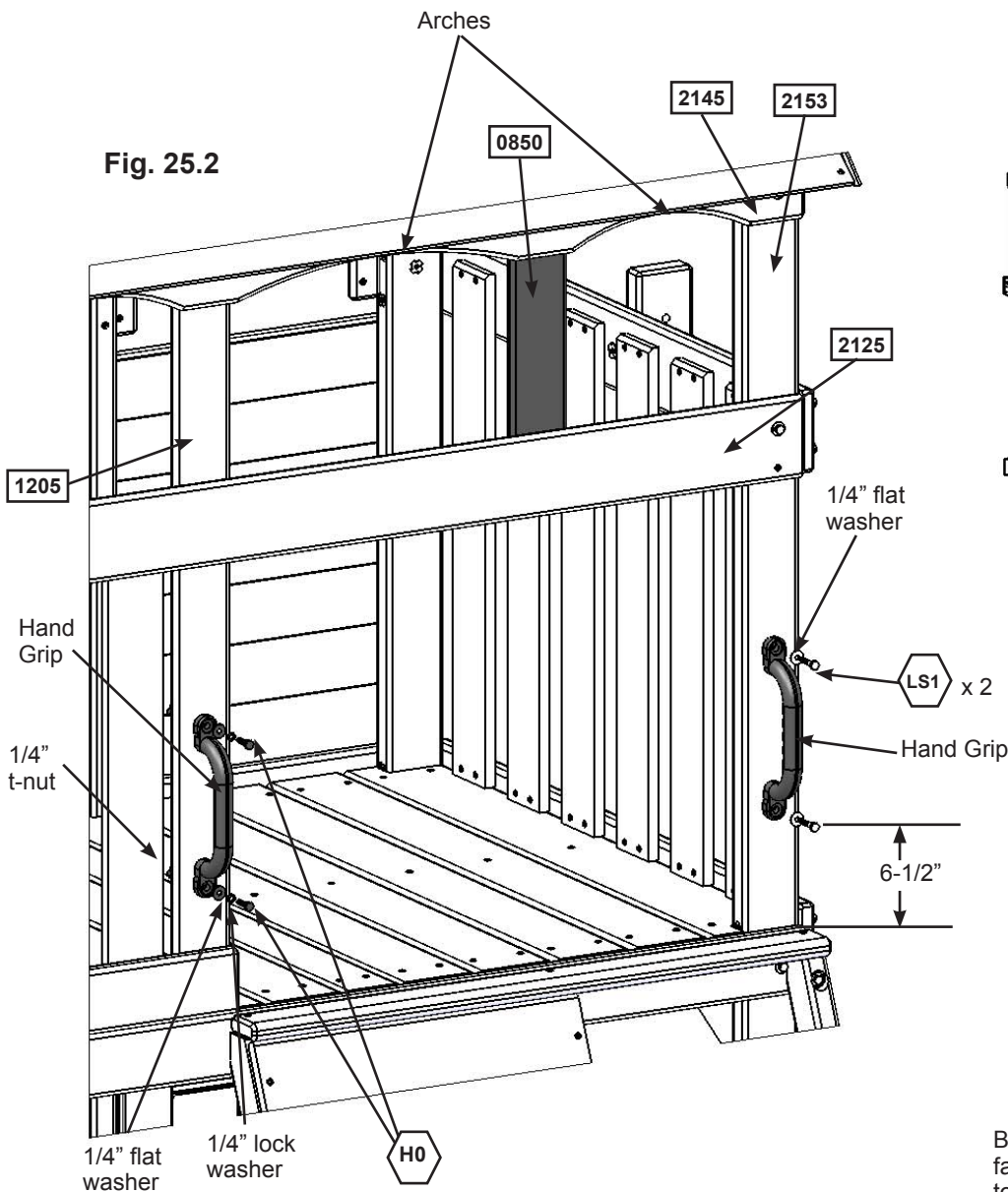


Fig. 25.1

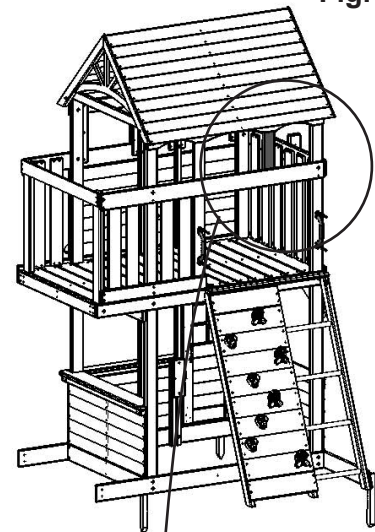
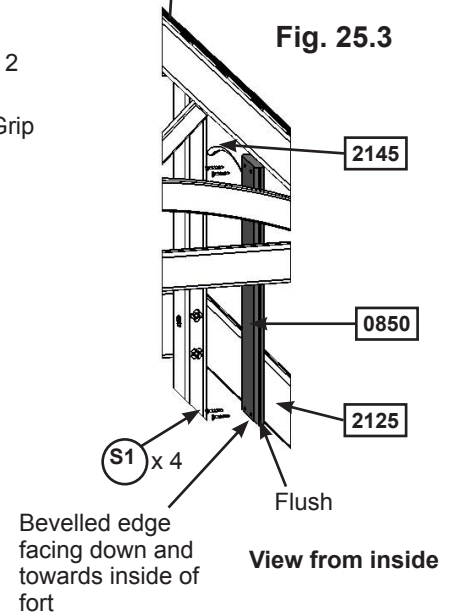


Fig. 25.3



Wood Parts

1 x 0850 CE Wall Board 1 x 4 x 17"

Hardware

2 x LS1 1/4 x 1-1/2" Lag Screw (1/4" flat washer)
 2 x H0 1/4 x 1" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
 4 x S1 #8 x 1-1/8" Wood Screw

Other Parts

2 x Hand Grips

Step 26: Attach Windows and Clock to Fort



A: On the Front Wall side of the assembly place 2 Arch Top Windows in the outside window gaps between (2145) Back Top and (2125) Middle Front and attach to (1740) Window Braces, (2119) Oval Windows, (2145) Back Top and (0389) Window Frame with 6 (S13) #6 x 5/8" Pan Screws per window. (fig. 26.1 and 26.2)

B: Place Oval Window in centre window gap and attach to both (2119) Oval Windows, (2145) Back Top and (0389) Window Frame with 4 (S13) #6 x 5/8" Pan Screws. (fig. 26.2)

C: Place Clock Face between (2124) Front Floor and roof support detail snug to the siding. The hole in the clock should line up to the hole in (2162) Siding - Clock. Attach with 4 (S10) #8 x 1" Pan Screws. (fig. 26.1 and 26.3)

D: From inside the assembly insert Clock Knob in the hole in (2162) Siding - Clock, then with 1 person inside the fort and 1 outside place Hour Hand over Clock Knob making sure they are lined up properly. Finally, press Minute Hand over Hour Hand. (fig. 26.3, 26.4, 26.5 and 26.6)

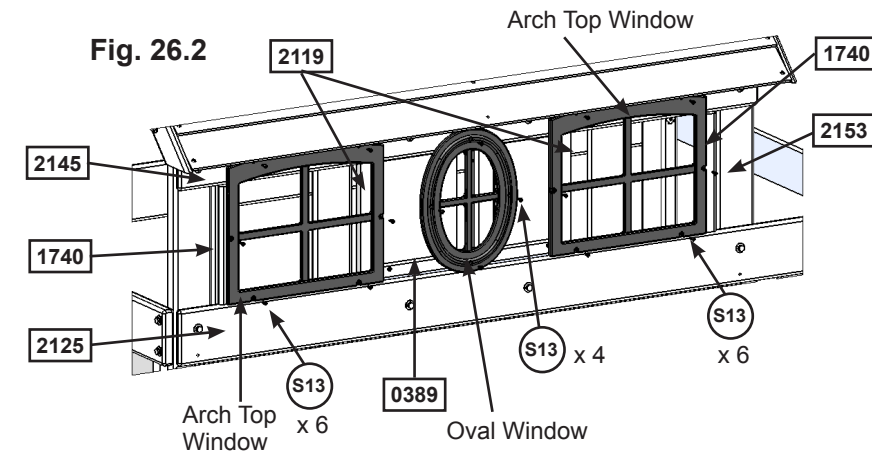


Fig. 26.1

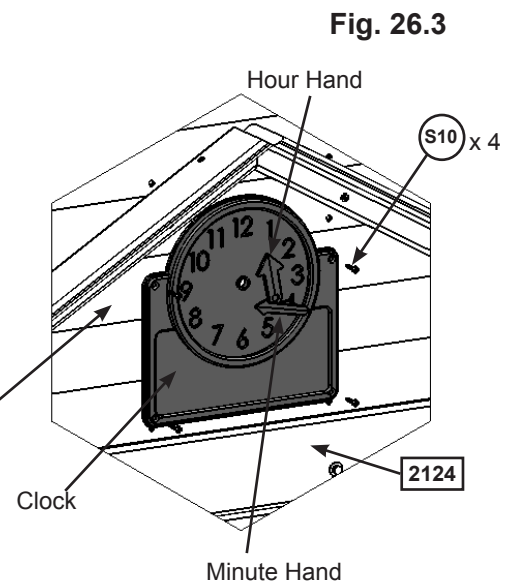
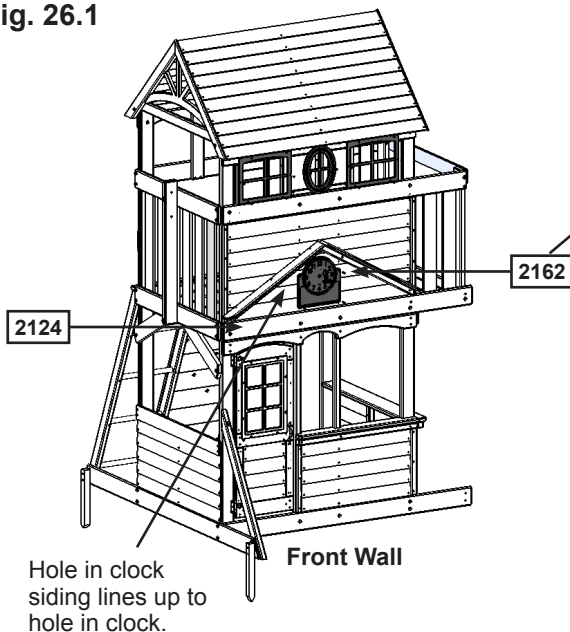


Fig. 26.4

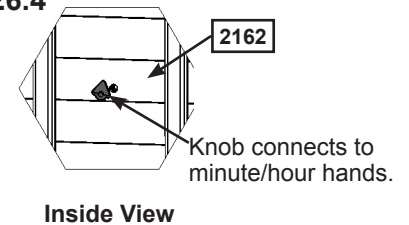
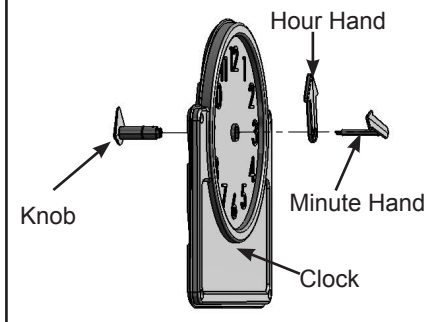


Fig. 26.5



Hardware

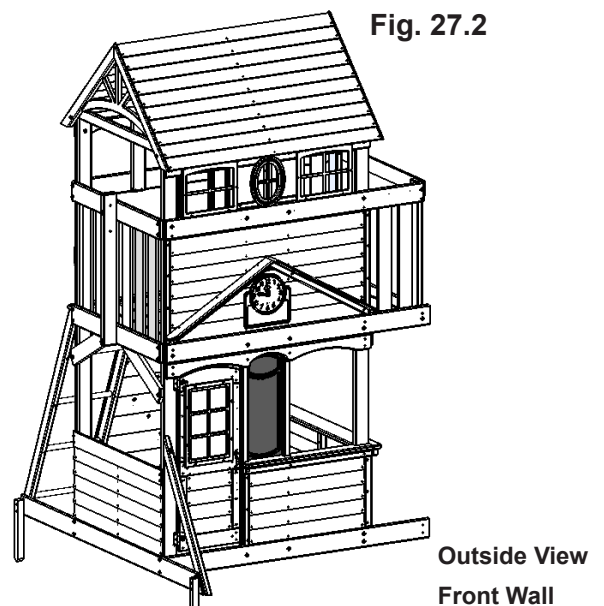
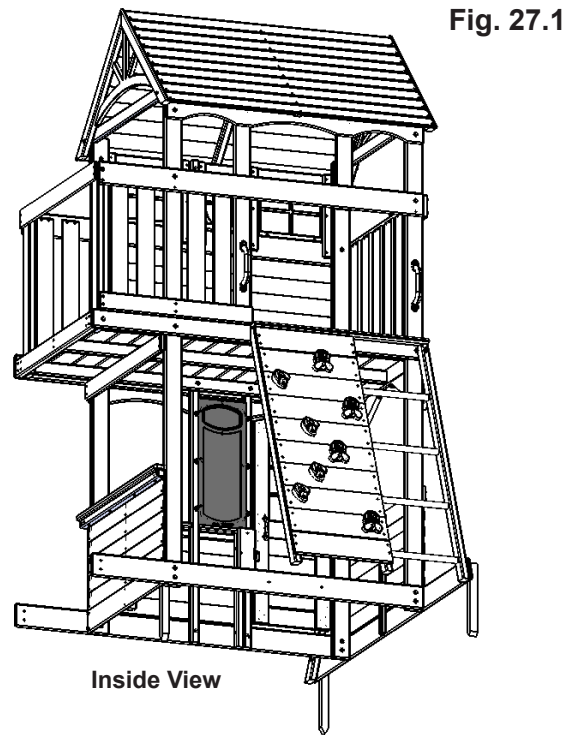
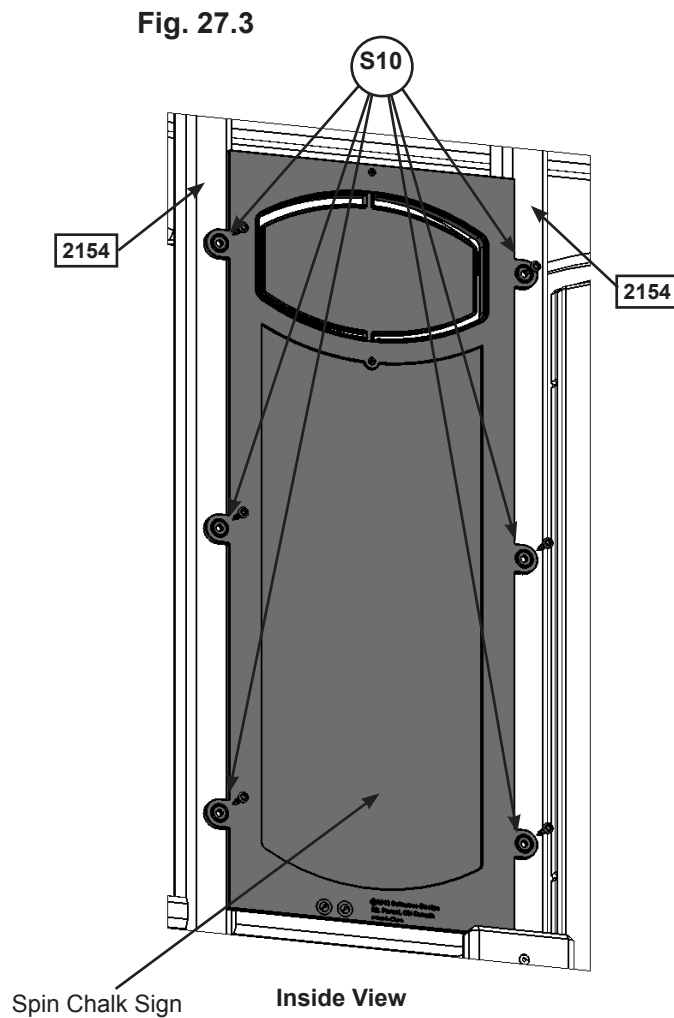
16 x (S13) #6 x 5/8" Pan Screw
4 x (S10) #8 x 1" Pan Screw

Other Parts

2 x Arch Top Window
1 x Oval Window
1 x Clock Assembly

Step 27: Attach Spin Chalk Sign to Fort

A: From inside the assembly place Spin Chalk Sign in opening between (2154) Front Posts and attach with 6 (S10) #8 x 1" Pan Screws. (fig. 27.1, 27.2 and 27.3)



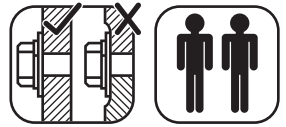
Hardware

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

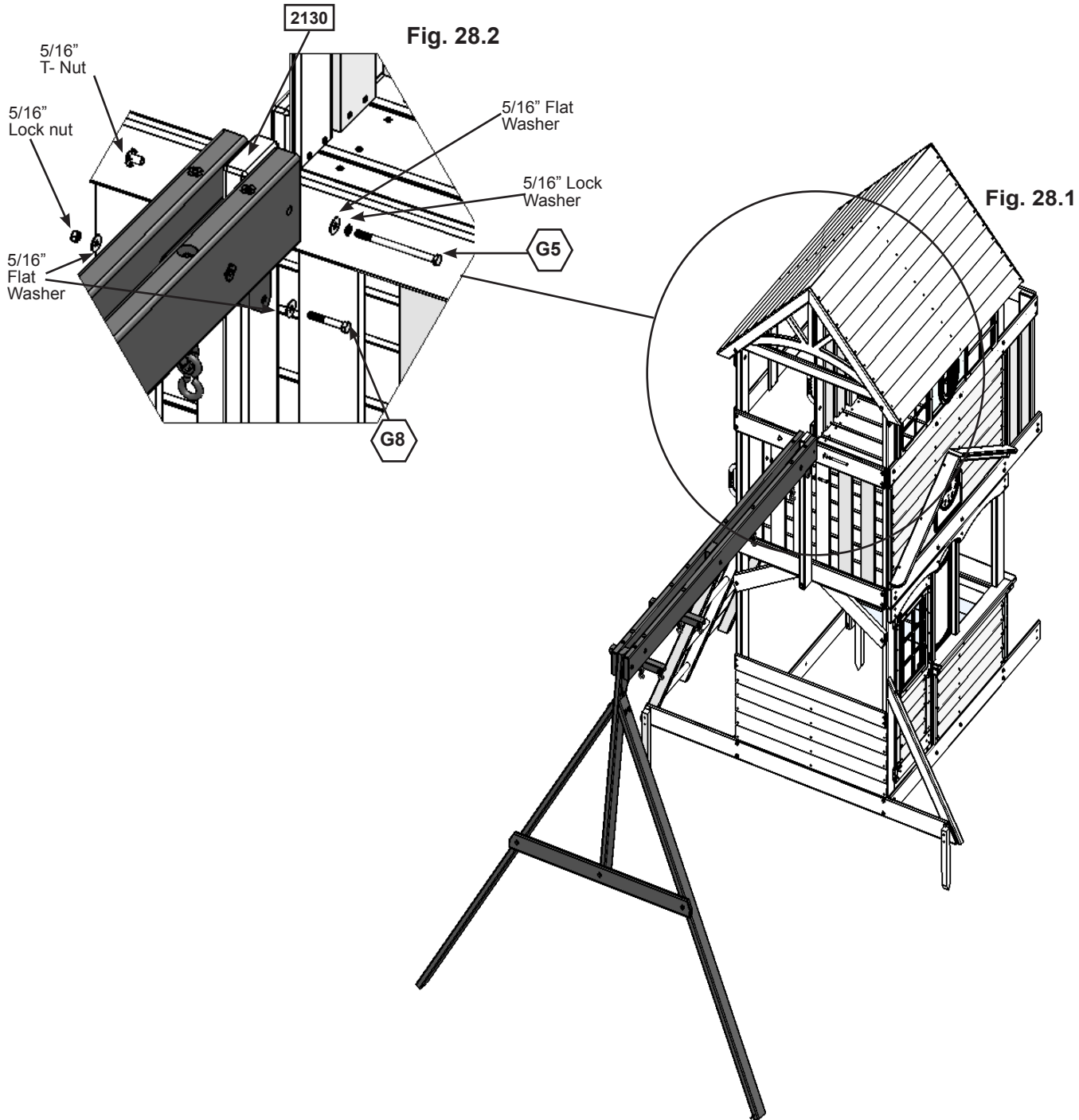
Other Parts

1 x Spin Chalk Sign

Step 28: Attach Swing Assembly to Fort



A: Attach Swing Assembly from Step 5 to (2130) SW 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. 28.1 and 28.2.



Hardware

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

Step 29: Attach Swing Ground Stakes



A: 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. 29.1 and 29.2)

⚠ 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. 29.1

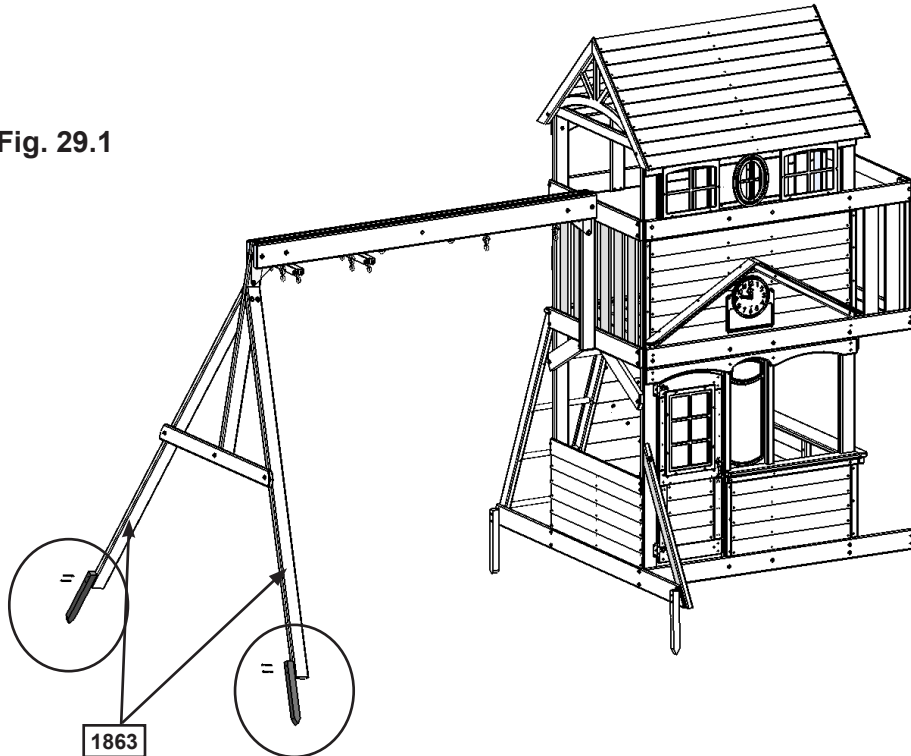
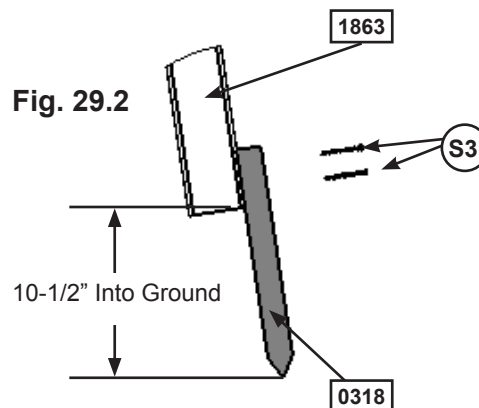


Fig. 29.2



Wood Parts

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

Hardware

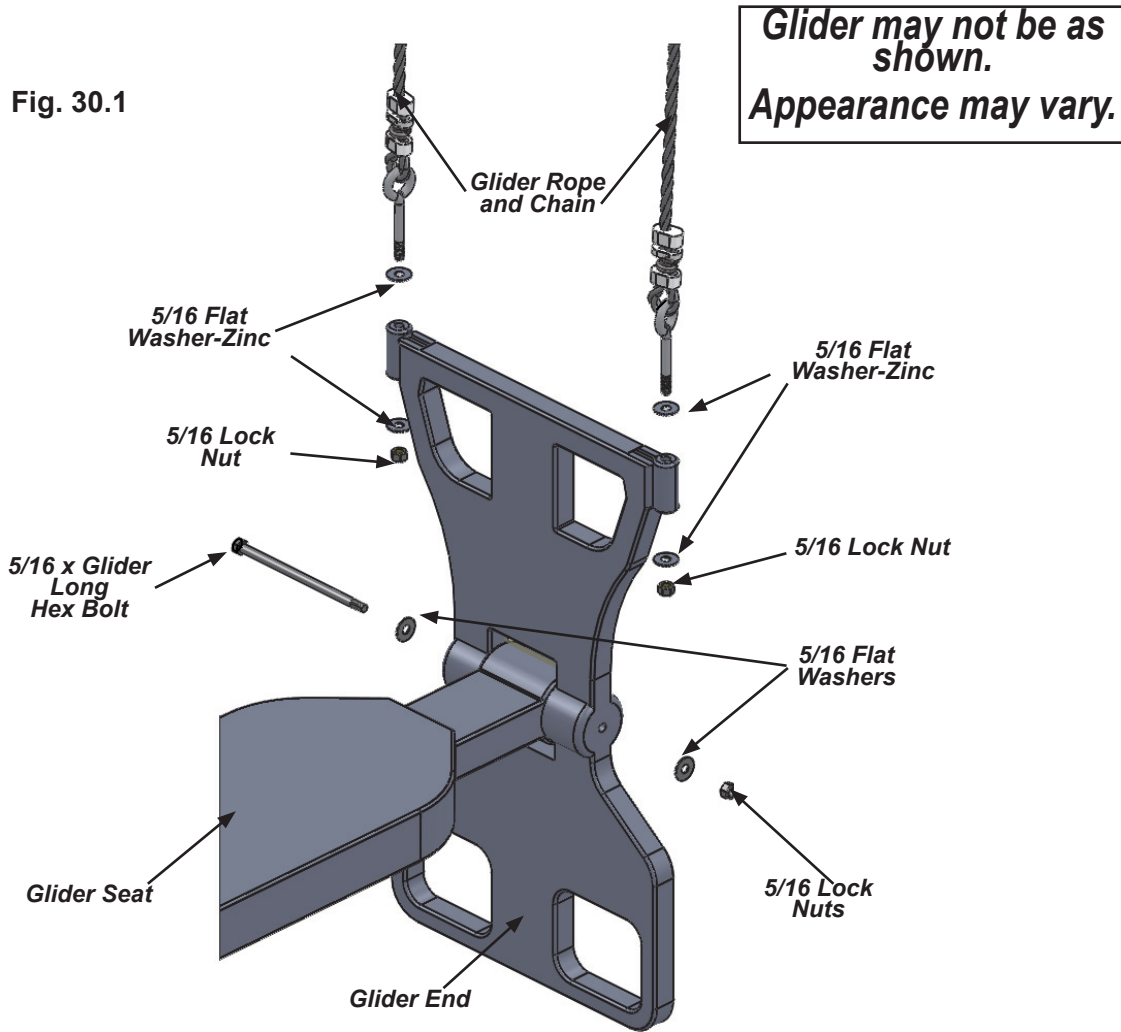
4 x S3 #8 x 2-1/2" Wood Screw

Step 30: Glider Assembly

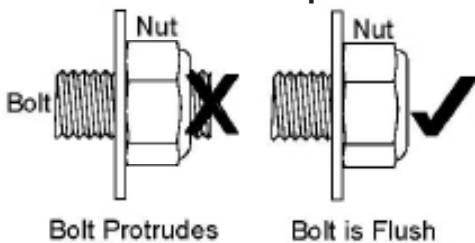
A: Attach 1 Glider End to the Glider Seat using 1 5/16" Glider Long Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Glider End. (fig. 30.1)

B: Install 2 Glider Rope with Chains into each Glider End using 2 - 5/16" Flat Washers and 1 Lock Nut per rope. (fig. 30.1)

Fig. 30.1



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



Hardware

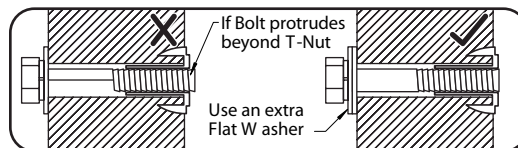
- 2 x 5/16" Glider Long Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
- 8 x 5/16" Flat Washer
- 4 x 5/16" Lock Nut

Other Parts

- 2 x Glider End
- 1 x Glider Seat
- 1 x Glider Rope and Chain (pkg of 4)

Step 31: Attach Glider and Swings

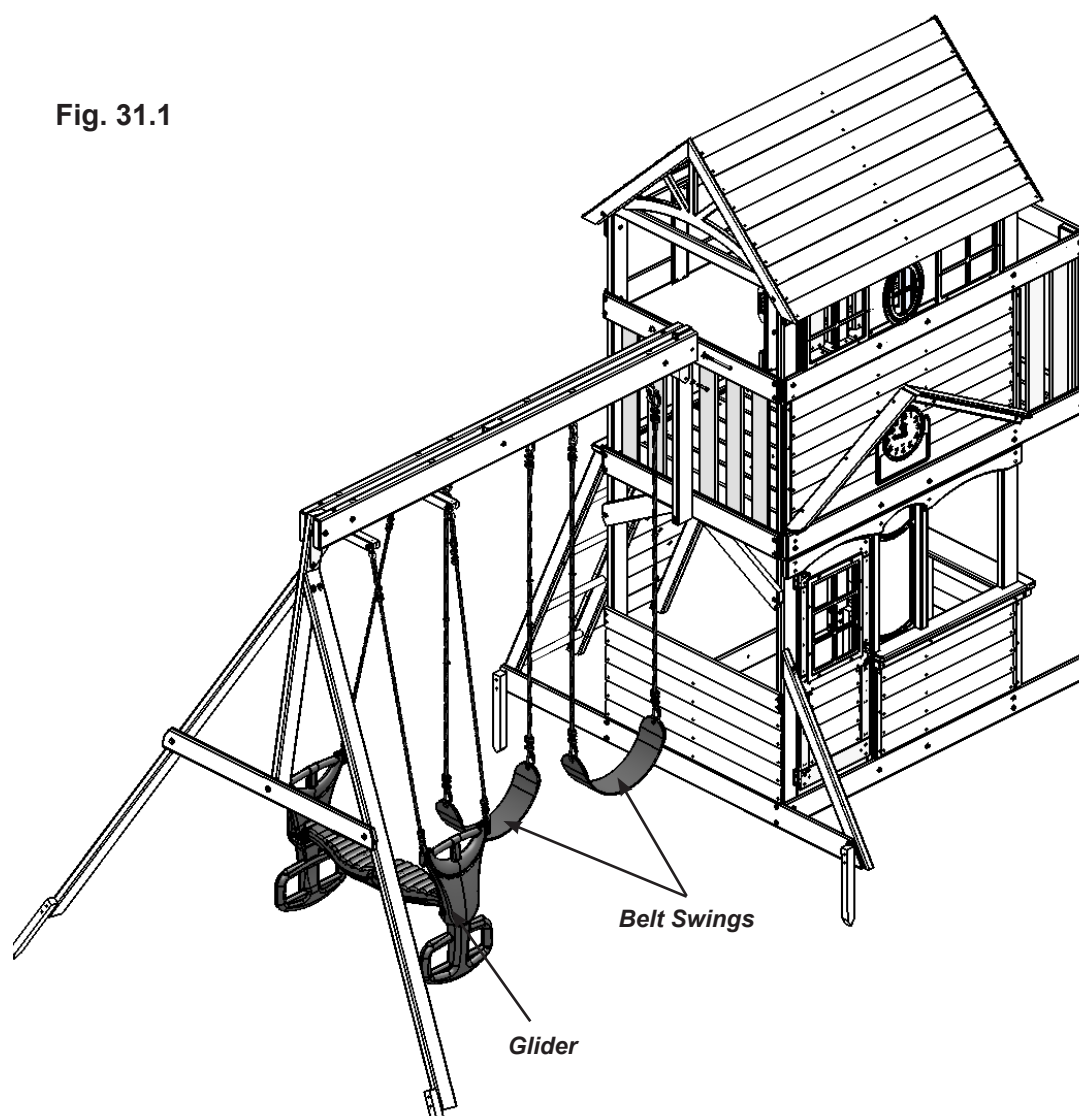
⚠ WARNING: Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Connect the assembled Glider to the Glider Hangers previously installed. (fig. 31.1)

B: Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 31.1)

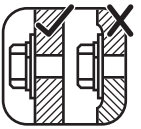
Fig. 31.1



Other Parts

2 x Belt Swings

Step 32: Attach Bench to Fort



A: Place Bench Assembly from Step 7 between both (2150) Front Back Ground on the Slide Wall. Attach (2105) Bench Posts on the Back Wall side to (2150) Front Back Ground with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 32.1 and 32.2)

B: Attach (2110) Slide Ground to (2150) Front Back Ground and (2105) Bench Post with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). Notice the bolt holes at the end of the board should be towards the bottom of the board. (fig. 32.2)

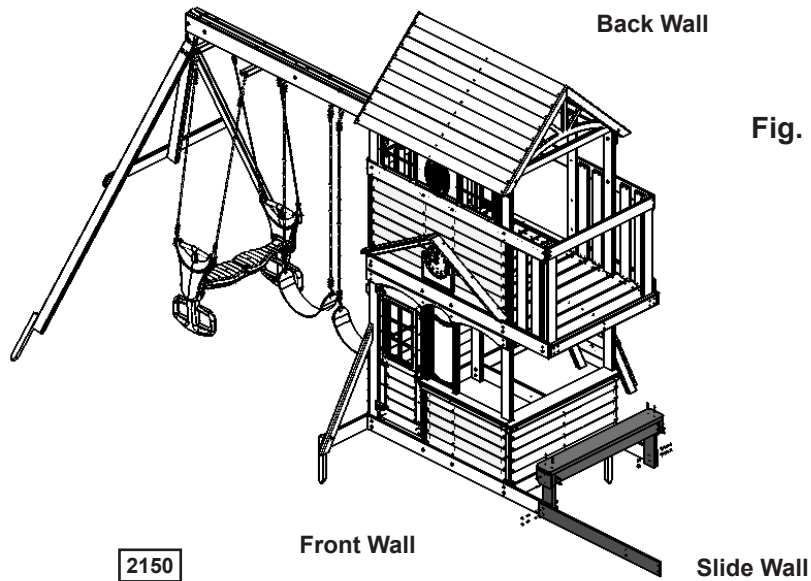


Fig. 32.1

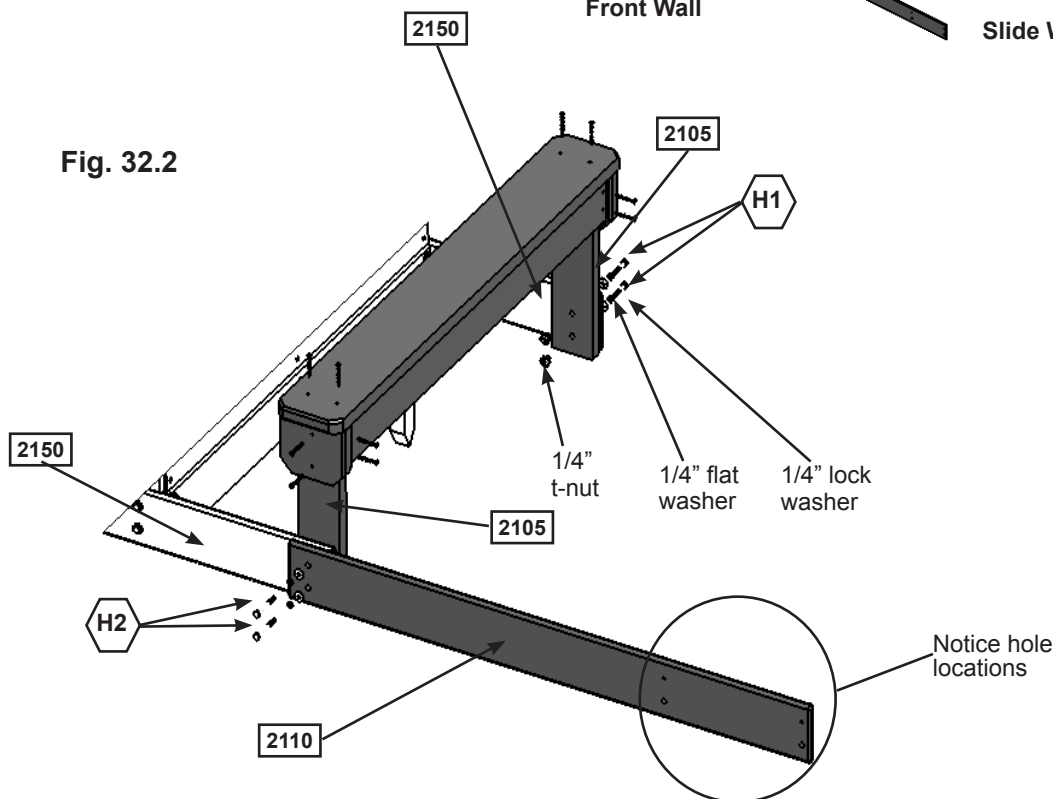


Fig. 32.2

Wood Parts

1 x [2110] Slide Ground 1 x 5 x 44-3/4"

Hardware

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

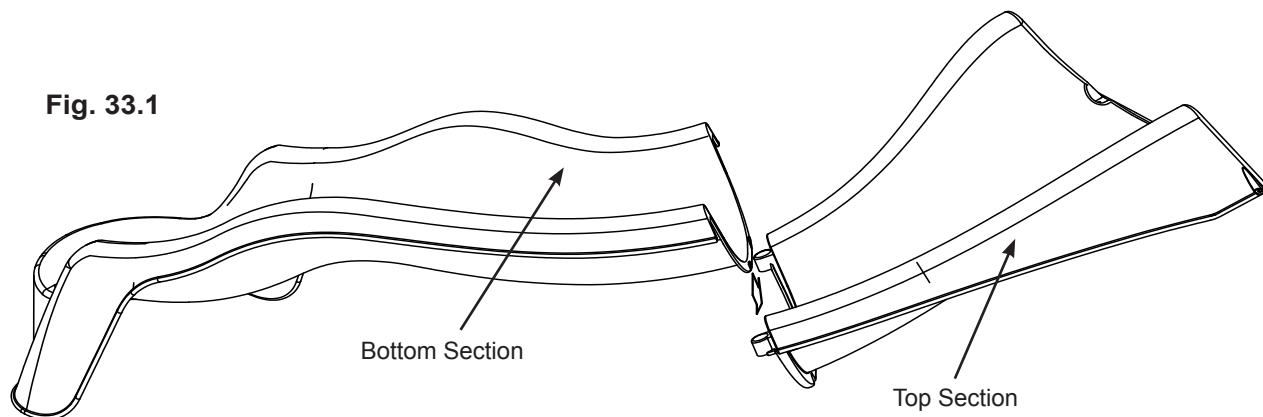
2 x [H2] 1/4 x 2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 33: Assemble Spiral Wave Slide

A: Assemble the top and bottom sections using the tongue and groove as a guide. Push together until snaps engage. (fig. 33.1 33.2 & 33.3)

B: Complete subassembly by securing sections with 2 (S8) #12 x 3/4" Pan Screws per section in the middle holes and 2 (S6) #12 x 1" Pan Screws per section in the outside holes. See fig. 33.2 for accurate screw placement.

Fig. 33.1



Snaps

Fig. 33.2

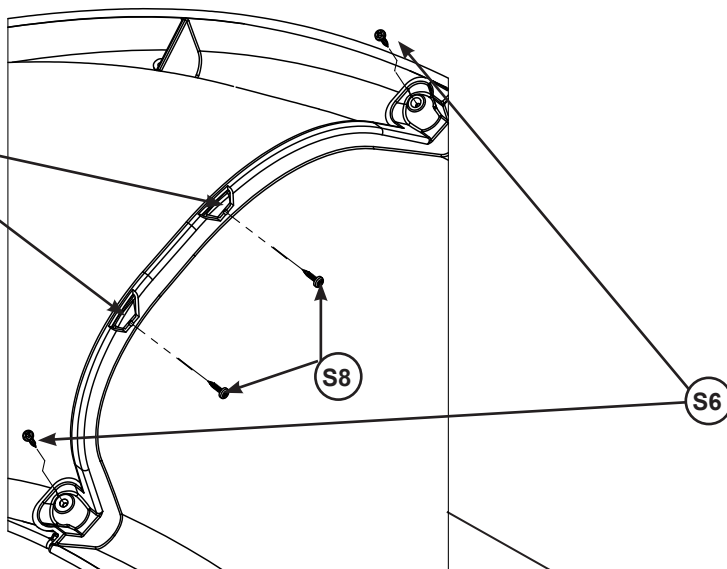
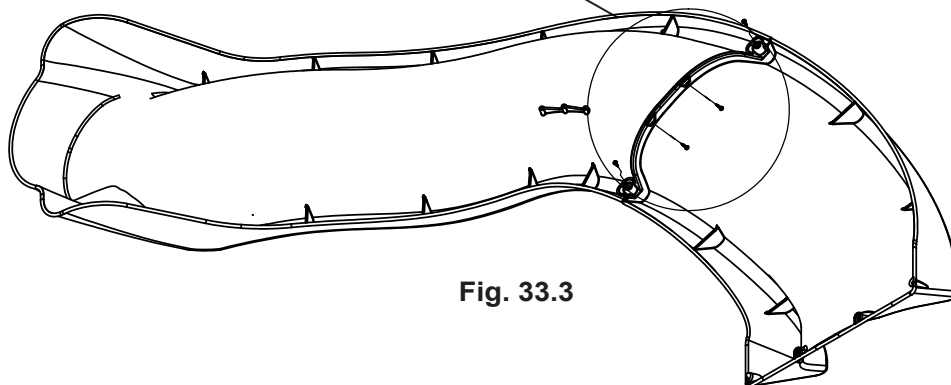


Fig. 33.3



Hardware

- 2 x (S8) #12 x 3/4" Pan Screw
- 2 x (S6) #12 x 1" Pan Screw

Other Parts

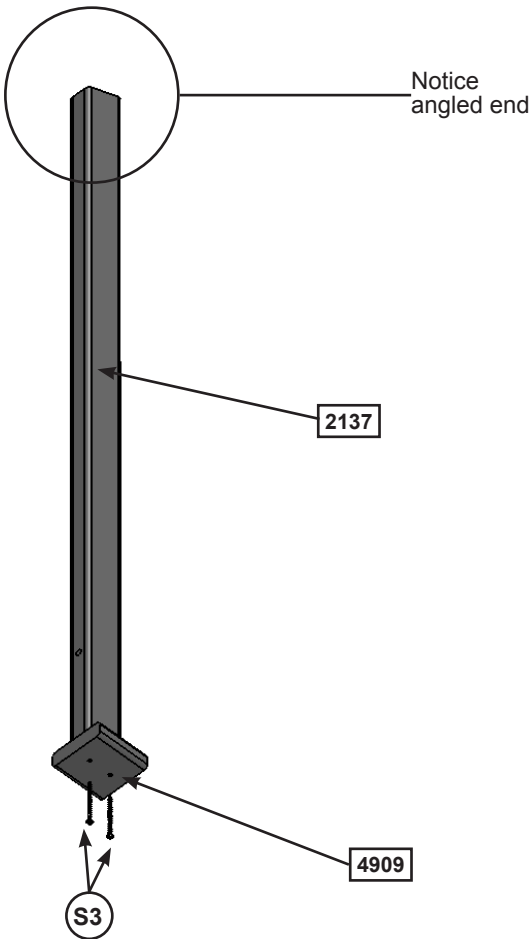
- 1 x Top Section
- 1 x Bottom Section

Step 34: Slide Support Assembly

Part 1

A: Place 1 (4909) SW Block centred on (2137) SL Upright and attach using 2 (S3) #8 x 2-1/2" Wood Screws. The angled end of (2137) SL Upright is at the top of the board. (fig. 34.1)

Fig. 34.1



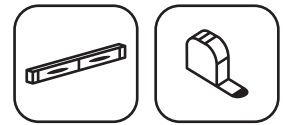
Wood Parts

- 1 x 2137 SL Upright 2 x 3 x 48-1/2"
- 1 x 4909 SW Block 5/4 x 4 x 3-1/2"

Hardware

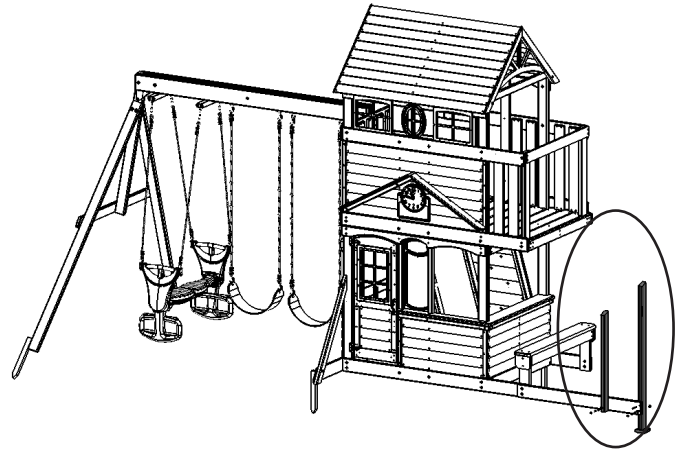
- 2 x S3 #8 x 2-1/2" Wood Screw

Step 34: Slide Support Assembly Part 2



⚠️WARNING: Digging can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 34.2



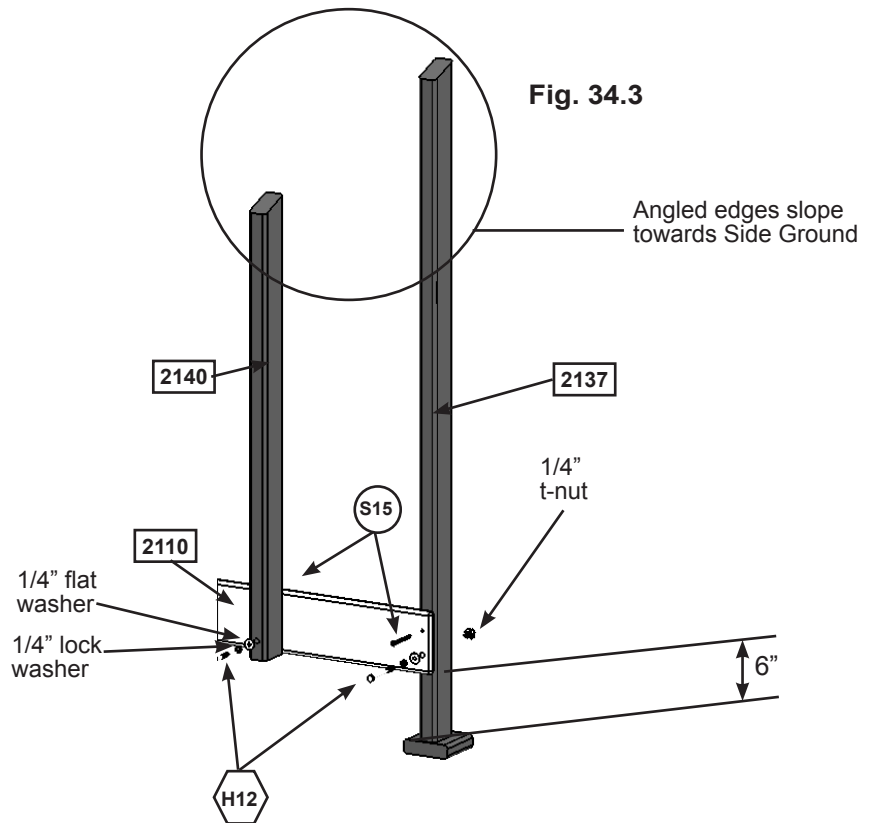
B: At the end of (2110) Slide Ground dig one, flat bottom, 8" wide by 6" deep hole as shown in fig. 34.3. Place (2137) SL Upright in the hole, making sure that it is plumb. Notice the angled edge slopes towards (2110) Slide Ground. (fig. 34.3)

C: Place (2140) Short Upright beside (2137) SL Upright on the opposite side of (2110) Slide Ground making sure that it is plumb. Notice the angled edge slopes away from (2110) Slide Ground. (fig. 34.2 and 34.3)

D: Loosely attach (2140) Short Upright and (2137) SL Upright to (2110) Slide Ground with 1 (H12) 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut) per board. (fig. 34.3)

E: Refill hole halfway with soil and compact making sure (2137) SL Upright stays plumb. Finish filling and compacting. (fig. 34.3)

F: Tighten bolts in (2140) Short Upright and (2137) SL Upright then attach (2110) Slide Ground to uprights with 1 (S3) #8 x 2-1/2" Wood Screw per board. (fig. 34.3)



Wood Parts

1 x [2140] Short Upright 2 x 3 x 33"

Hardware

2 x [S15] #8 x 2-1/2" Wood Screw

2 x [H12] 1/4 x 3" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 34: Slide Support Assembly Part 3

G: Place Slide in the centre between (2112) SL Posts on the Slide Wall. Slide should be centred over (2122) SL Floor End and rest on the uprights. (fig. 34.4, and 34.5)

H: Attach slide to (2122) SL Floor End using 4 (S7) #12 x 2" Pan Screws. (fig. 34.4 and 34.5)

Fig. 34.4

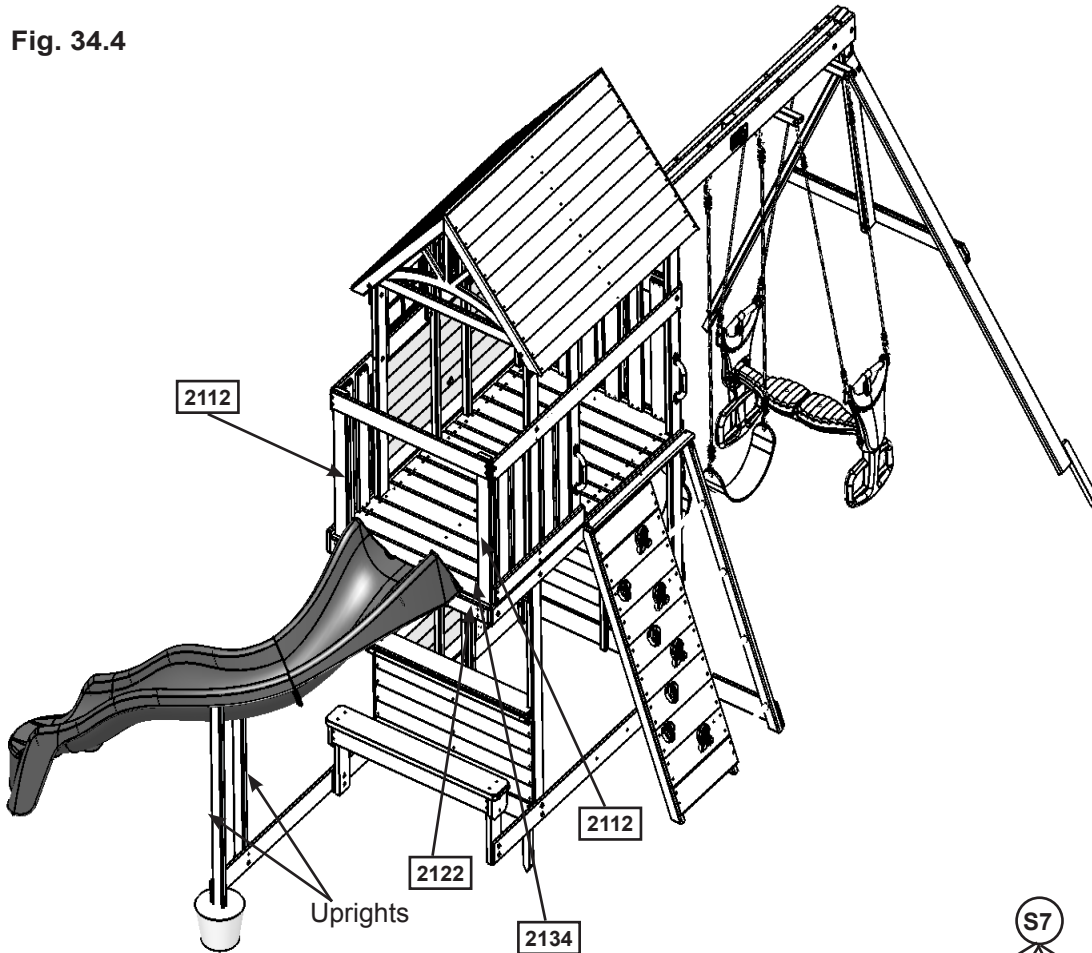
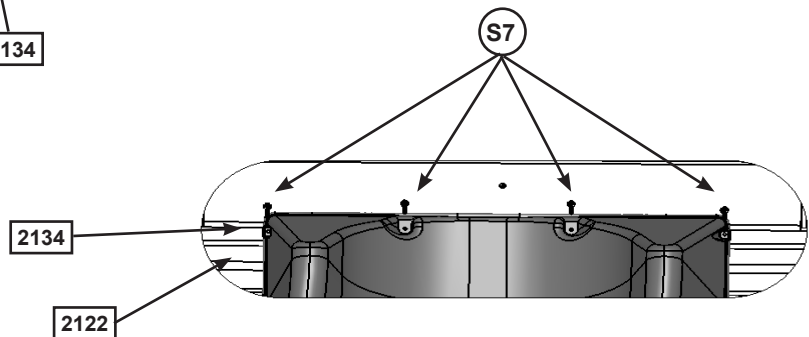


Fig. 34.5

Note: Slide must be centred in opening



Hardware

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

Step 34: Slide Support Assembly Part 4

I: See fig. 34.9 for Spiral Wave Bracket example. Bend bracket to fit as necessary.

J: Align (2137) SL Upright between holes on underside of Bottom Section of the slide and attach using 1 Spiral Wave Bracket with 2 (S6) #12 x 1" Pan Screws as shown in fig. 34.6 and 34.7.

K: Attach Spiral Wave Bracket to (2140) Short Upright with 1 (S6) #12 x 1" Pan Screw and to the Bottom Section of the slide with 1 (S8) #12 x 3/4" Pan Screw as shown in fig. 34.6 and 34.8.

Fig. 34.6

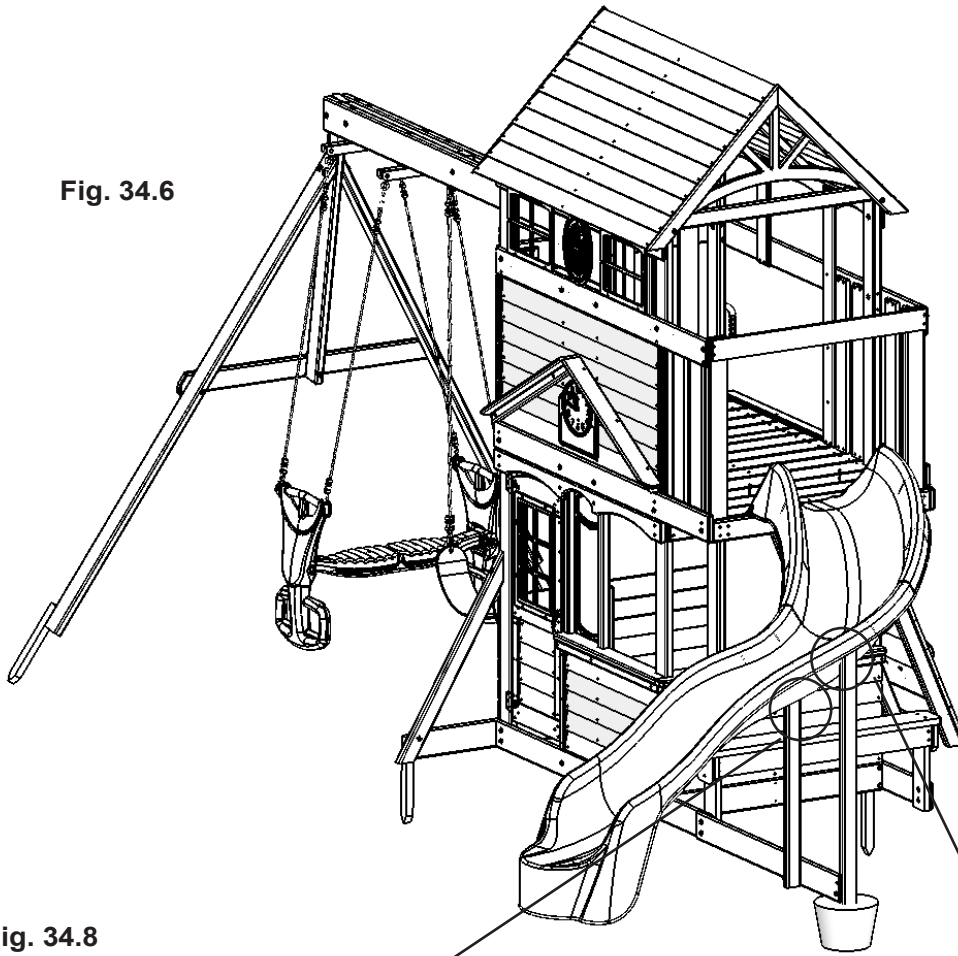


Fig. 34.9

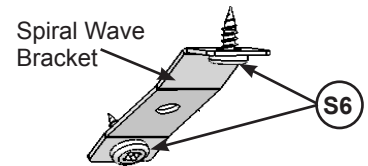


Fig. 34.8

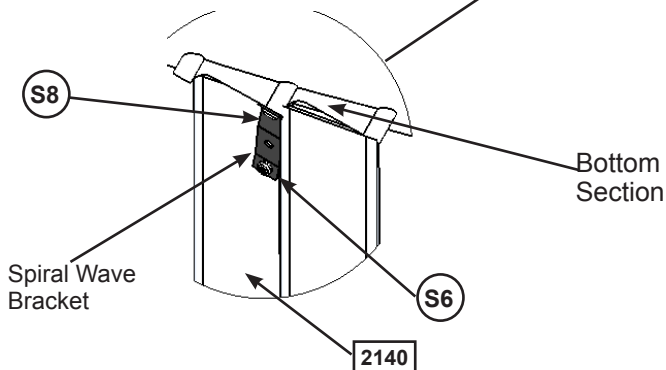
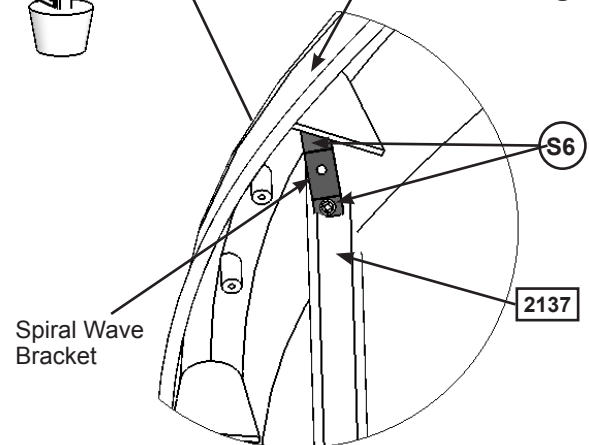


Fig. 34.7



Hardware

- 3 x (S6) #12 x 1" Pan Screw
- 1 x (S8) #12 x 3/4" Pan Screw

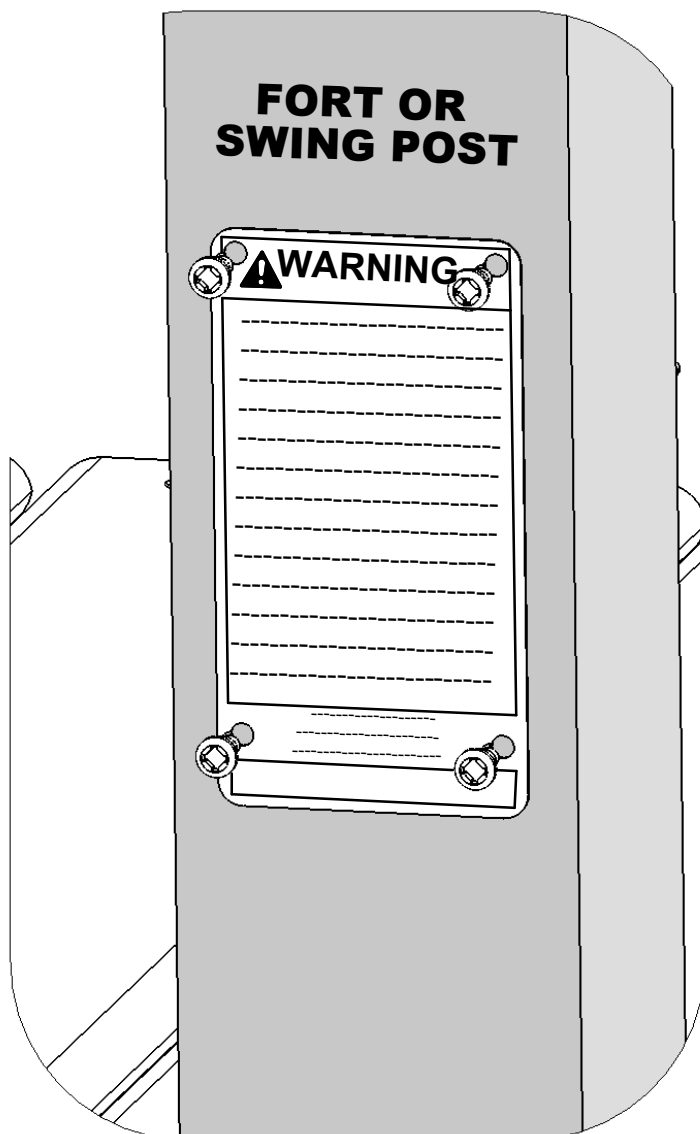
Other Parts

- 2 x Spiral Wave Brackets

Final Step: Attach I.D. Plaque

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

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



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



This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings present.

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Big Backyard would like to say Thank You for
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