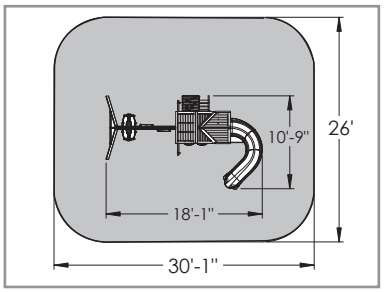
SUMMERSTONE PLAY SYSTEM – F23135

INSTALLATION AND OPERATING INSTRUCTIONS



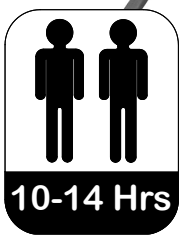
⚠WARNING To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play system. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE - **30'1" 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.



TWO PERSON ASSEMBLY

Cedar Summit
PREMIUM PLAY SETS™

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Warnings and Safe Play Instructions

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

WARNING

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

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

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

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

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

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

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

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

WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

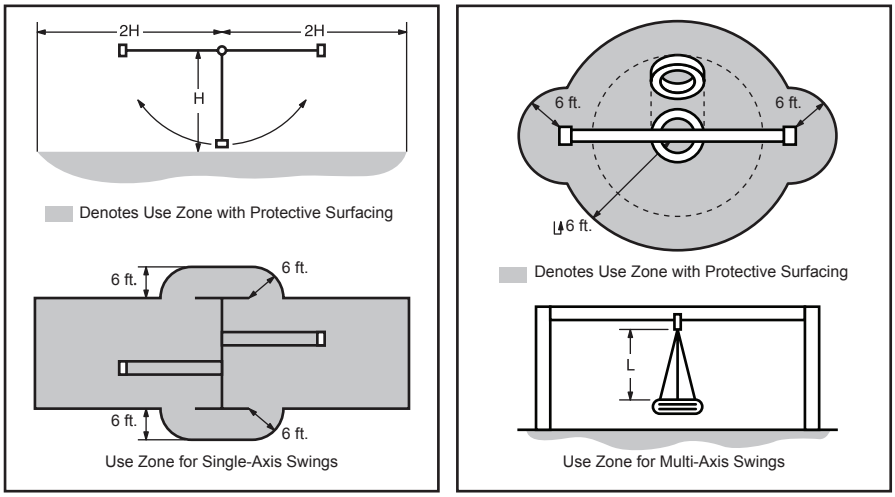
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

Placement

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

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



From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

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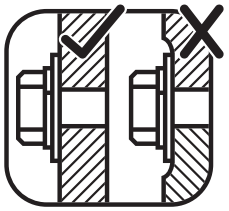
Instructions for Proper Maintenance

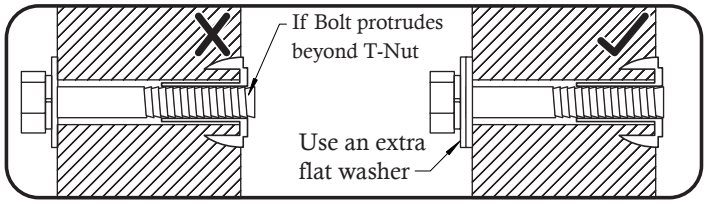
Your Cedar Summit Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain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

Check the following at the beginning of the play season:

HARDWARE:



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



SHOCK ABSORBING SURFACING:

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

GROUND STAKES (ANCHORS):

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

SWING HANGERS:

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

SWINGS, ROPES AND RIDES:

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

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.

Check twice a month during play season:

HARDWARE:

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

SHOCK ABSORBING SURFACING:

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

Check once a month during play season:

SWING HANGERS:

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

SWINGS AND RIDES:

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

Check at the end of the play season:

SWINGS AND RIDES:

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

SHOCK ABSORBING SURFACING:

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

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

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About Our Wood

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

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

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

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

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

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

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

5 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.
This warranty applies to the original owner and registrant and is non-transferable.
Regular maintenance is required to assure the integrity of your Play System. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

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

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

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

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

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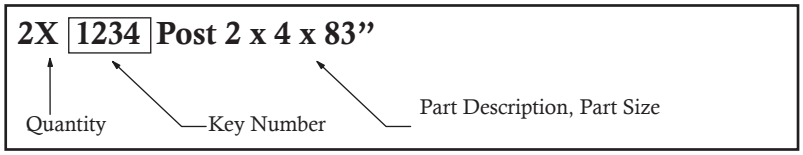
Keys to Assembly Success

Tools Required

• Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill	• #1, #3 Phillips or Robertson bit or Screwdriver • Ratchet(1/2" & 7/16" sockets)	• Open End Wrench (1/2" & 7/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits	• 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil

Part Identification Key

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



Symbols

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

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

Use Help

Use Help

Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Measure Distance

Check that assembly is square before tightening bolts.

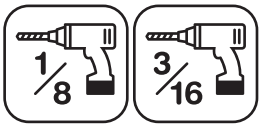
Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

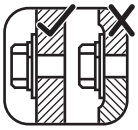
Use Level

Pre-drill 1/8" & 3/16" Bit



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

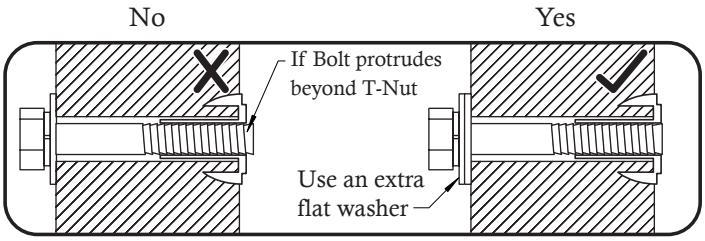
Tighten Bolts



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

CAUTION – Protrusion Hazard

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

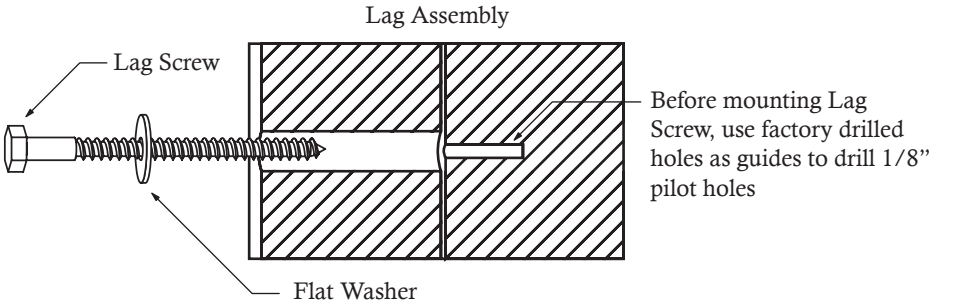


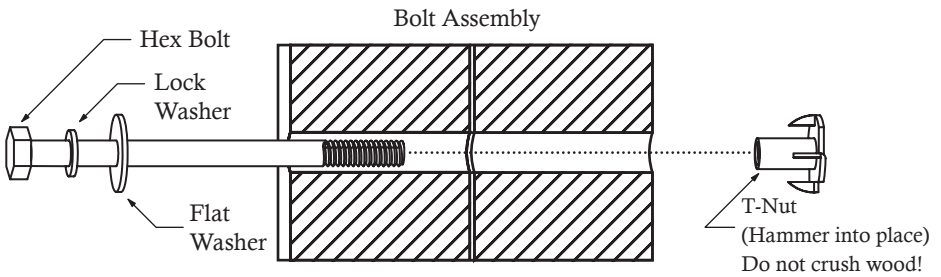
Proper Hardware Assembly

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

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

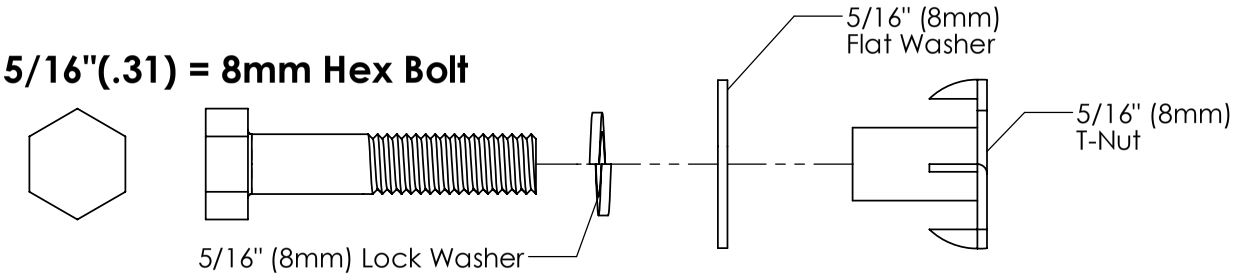
Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.



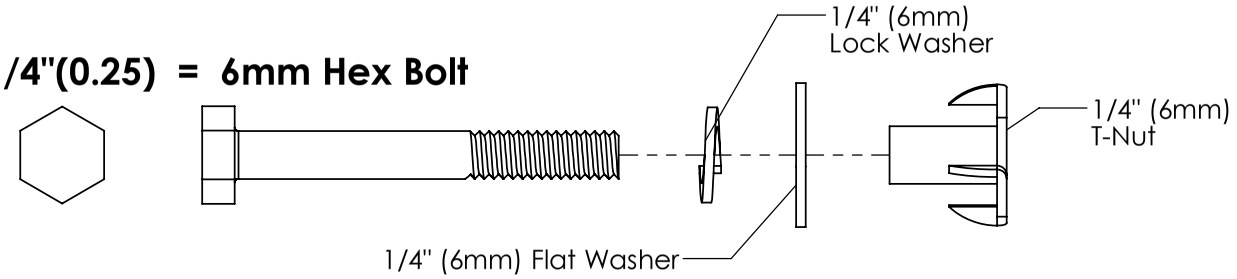


SOLO)WAVE DESIGN HARDWARE

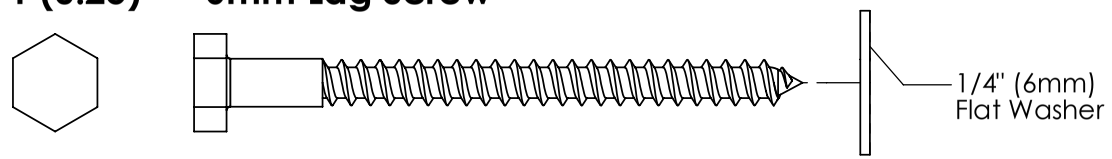
5/16"(.31) = 8mm Hex Bolt



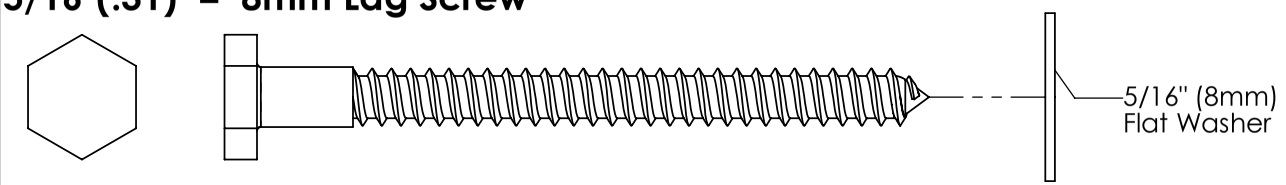
1/4"(0.25) = 6mm Hex Bolt



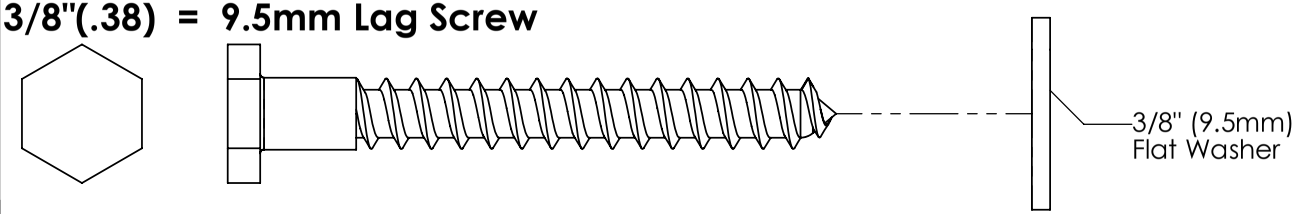
1/4"(0.25) = 6mm Lag Screw



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



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



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

DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOLT LENGTH 4½ (4.5) inches long

4.5 inches x 25.4mm = 114mm long

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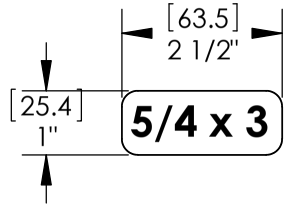
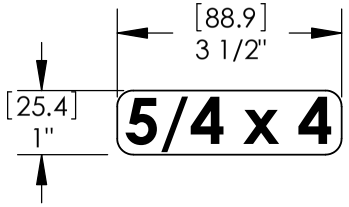
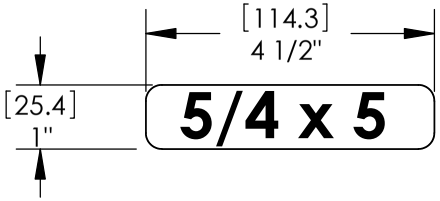
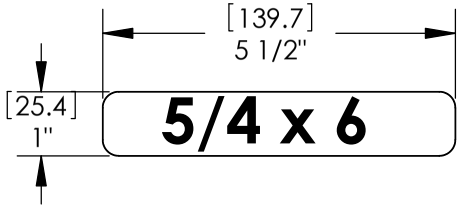
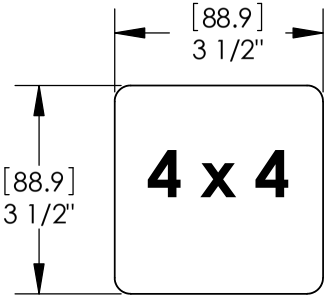
SOLO)WAVE DESIGN WOOD PROFILES

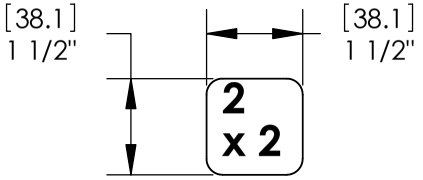


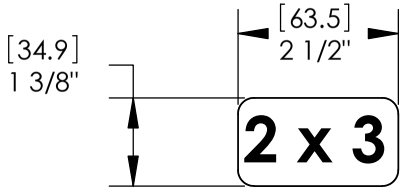


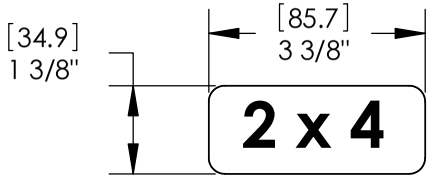


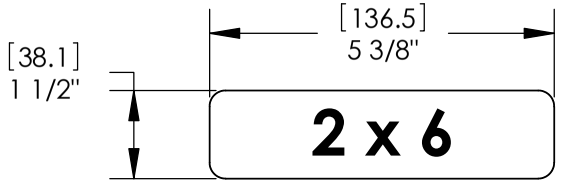




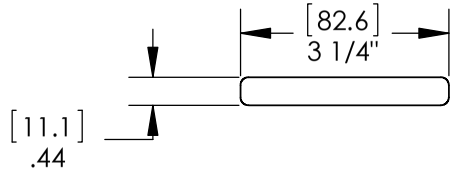




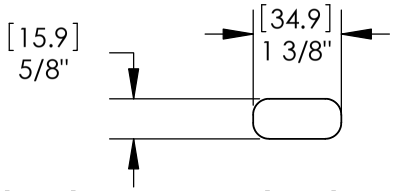




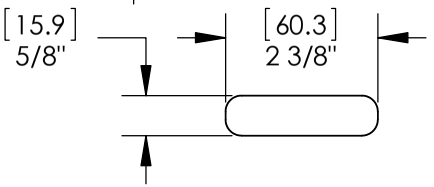
Dimensions in brackets [mm] represent millimetres.



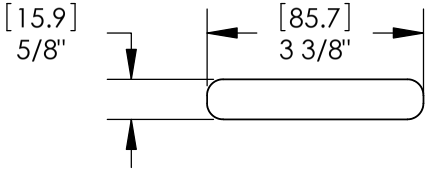
1/2 x 4



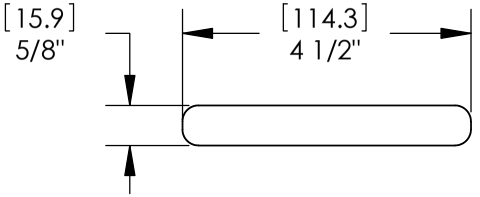
1 x 2



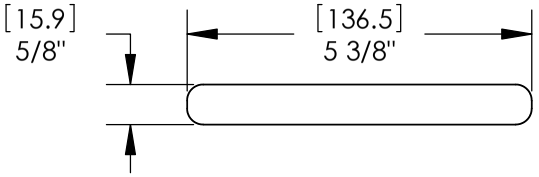
1 x 3



1 x 4



1 x 5



1 x 6

LENGTH CONVERSION

1 inch = 25.4mm

For example:

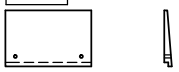
BOARD LENGTH 59¼ (59.25) inches

59.25 inches x 25.4mm = 1505mm

Part Identification (Reduced Part Size)

Nominal Size	Actual Size
⅜ x 3½	7/16" x 3½"
½ x 4	7/16" x 3¼"
1 x 2	⅝" x 1⅜"
1 x 3	⅝" x 2⅜"
1 x 4	⅝" x 3⅜"

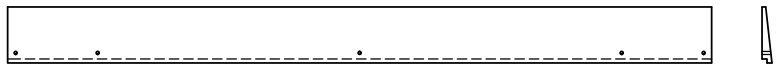
4pc. - **2234** - Mid Siding 3/8 x 3 1/2 x 5⅜" - 3632234 - Box 2



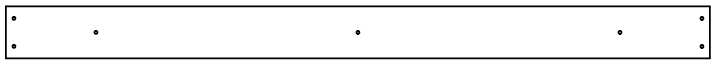
8pc. - **2233** - L&R Siding 3/8 x 3 1/2 x 6⅝" - 3632233 - Box 2

12pc. - **2193** - Siding 3/8 x 3 1/2 x 38½" - 3632193 - Box 3

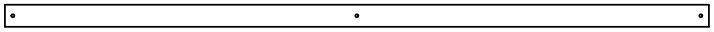
6pc. - **2232** - Siding 3/8 x 3 1/2 x 44" - 3632232 - Box 4



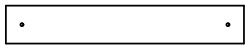
2pc. - **2235** - Wall 1/2 x 4 x 44" - 3632235 - Box 2



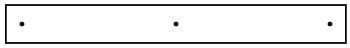
1pc. - **2238** - Filler 1 x 2 x 44" - 3632238 - Box 3



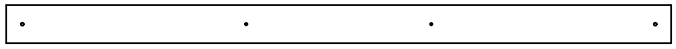
1pc. - **2247** - Short Trim 1 x 3 x 14⅞" - 3632247 - Box 4



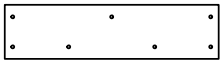
1pc. - **2246** - Mid Trim 1 x 3 x 21¼" - 3632246 - Box 4



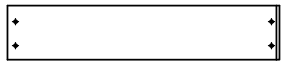
1pc. - **2245** - Long Trim 1 x 3 x 41-9/16" - 3632245 - Box 2



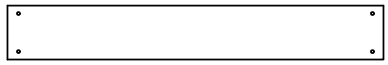
1pc. - **2255** - Gable Band 1 x 4 x 13⅜" - 3632255 - Box 4



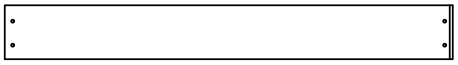
2pc. - **0850** - CE Wall Board 1 x 4 x 17" - 3630850 - Box 2



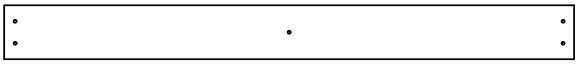
1pc. - **0705** - Cedar Wall 1 x 4 x 23½" - 3630705 - Box 2



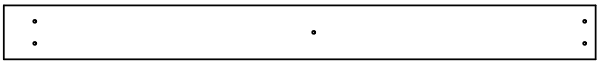
10pc. - **5265** - Cedar Wall 1 x 4 x 28" - 3635265 - Box 3



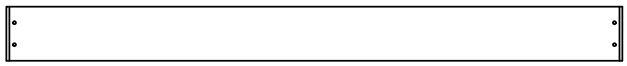
3pc. - **2197** - Floor Board 1 x 4 x 35⅝" - 3632197 - Box 2



1pc. - **2198** - Floor Board II 1 x 4 x 37" - 3632198 - Box 3



2pc. - **2190** - Wall Board 1 x 4 x 38½" - 3632190 - Box 2



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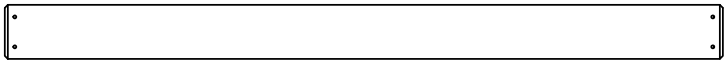
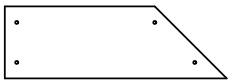
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1 x 5	⅝" x 4½"
1 x 6	⅝" x 5⅜"
5/4 x 3	1" x 2½"
5/4 x 4	1" x 3½"

2pc. - **2237** - Back Wall 1 x 4 x 44⅞" - 3632237 - Box 2



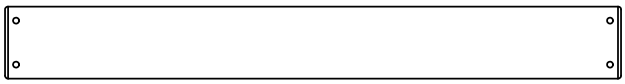
2pc. - **2171** - Gable A 1 x 5 x 13⅞" - 3632171 - Box 4



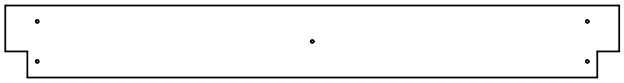
2pc. - **2173** - Window Gable 1 x 5 x 18⅜" - 3632173 - Box 4

1pc. - **1880** - CE Wall Board 1 x 5 x 23½" - 3631880 - Box 2

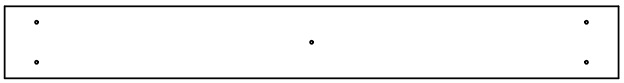
1pc. - **2189** - SL Ground 1 x 5 x 38½" - 3632189 - Box 2



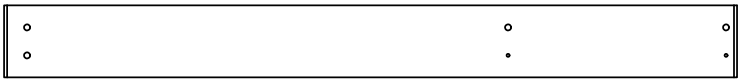
3pc. - **2231** - Gap Board 1 x 5 x 38⅝" - 3632231 - Box 3



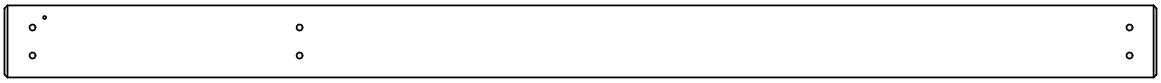
1pc. - **2230** - Floor Board III 1 x 5 x 38⅜" - 3632230 - Box 2



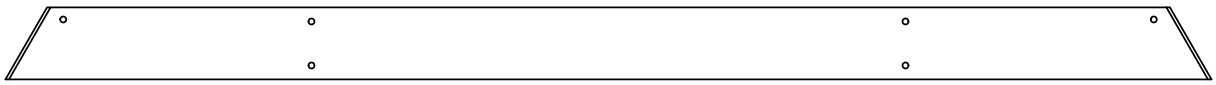
1pc. - **2175** - SL Brace 1 x 5 x 45-13/16" - 3632175 - Box 4



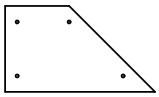
1pc. - **2177** - Ground Back 1 x 5 x 72" - 3632177 - Box 4



1pc. - **2184** - SW Ground 1 x 5 x 75⅜" - 3632184 - Box 4

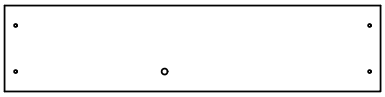


2pc. - **2170** - Gable B 1 x 6 x 9⅜" - 3632170 - Box 4



1pc. - **2183** - Front Rail 1 x 6 x 23" - 3632183 - Box 2

5pc. - **2257** - Rock Board B 1 x 6 x 23½" - 3632257 - Box 2

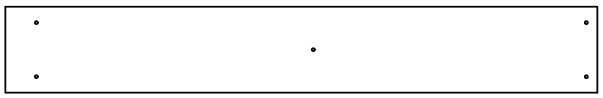


Part Identification (Reduced Part Size)

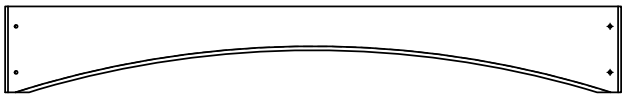
Nominal Size	Actual Size
1 x 6	⅝" x 5⅜"
5/4 x 2	1" x 1½
5/4 x 3	1" x 2½"
5/4 x 4	1" x 3½"

5pc. - **2330** - Rock Board A 1 x 6 x 23½" - 3632330 - Box 2

7pc. - **2163** - Floor Board 1 x 6 x 37" - 3632163 - Box 3



2pc. - **2253** - SL Arch 1 x 6 x 38½" - 3632253 - Box 4



1pc. - **2236** - Back Wall 1 x 6 x 44⅞" - 3632236 - Box 3

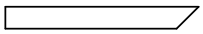
1pc. - **2174** - Back Arch 1 x 6 x 48⅞" - 3632174 - Box 4

1pc. - **2166** - Door Arch 1 x 6 x 55¼" - 3632166 - Box 2

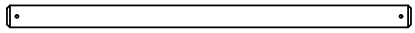
2pc. - **2186** - Back/Front Wall 1 x 6 x 69½" - 3632186 - Box 4

1pc. - **2178** - Ground Front 1 x 6 x 72" - 3632178 - Box 4

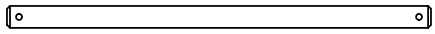
2pc. - **2176** - Gable Upright 5/4 x 2 x 12-1/16" - 3632176 - Box 4



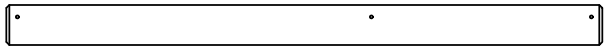
4pc. - **2195** - Siding Upright 5/4 x 2 x 25¼" - 3632195 - Box 2



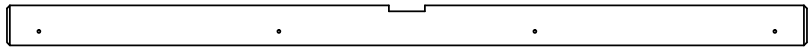
2pc. - **2168** - Window Side 5/4 x 2 x 26½" - 3632168 - Box 4



1pc. - **2249** - Ladder Top 5/4 x 3 x 37¼" - 3632249 - Box 2

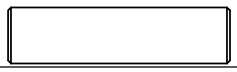


1pc. - **2331** - Door Stop 5/4 x 3 x 50" - 3632331 - Box 3



2pc. - **4909** - SW Block 5/4 x 4 x 3½" - 3654909 - Box 4

4pc. - **2254** - Ladder Tread 5/4 x 4 x 13⅞" - 3632254 - Box 3



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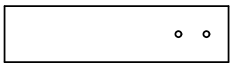
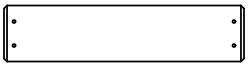
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4 x 4	1 x 3½
5/4 x 5	1 x 4½
5/4 x 6	1 x 5½"

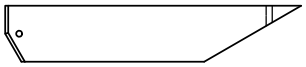
2pc. - **2105** - Bench Post 5/4 x 4 x 14" - 3632105 - Box 4



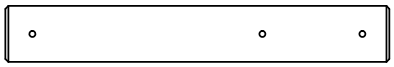
1pc. - **2248** - Ladder Gap 5/4 x 4 x 15" - 3632248 - Box 2



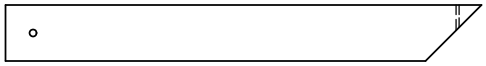
2pc. - **2113** - Gusset II 5/4 x 4 x 18½" - 3632113 - Box 2



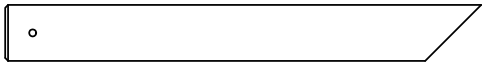
1pc. - **2185** - Lower Back 5/4 x 4 x 24" - 3632185 - Box 2



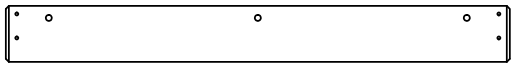
1pc. - **2241** - Roof Support L 5/4 x 4 x 29¾" - 3632241 - Box 2



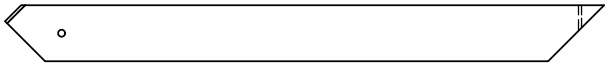
1pc. - **2242** - Roof Support 5/4 x 4 x 29¾" - 3632242 - Box 2



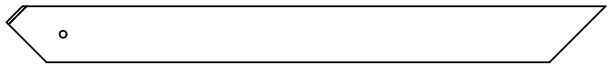
1pc. - **2169** - Window Bottom 5/4 x 4 x 31½" - 3632169 - Box 4



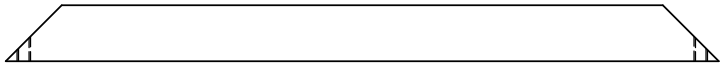
2pc. - **2243** - Large Support L 5/4 x 4 x 37-7/16" - 3632243 - Box 2



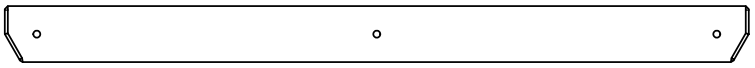
2pc. - **2244** - Large Support 5/4 x 4 x 37-7/16" - 3632244 - Box 2



1pc. - **2240** - Gable Bottom 5/4 x 4 x 44-9/16" - 3632240 - Box 4

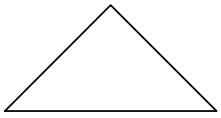


1pc. - **1862** - SW Support 5/4 x 4 x 46½" - 3641862 - Box 3



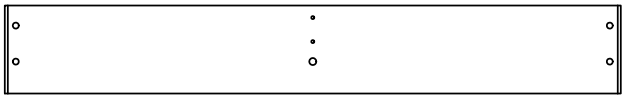
2pc. - **2138** - Seat Side 5/4 x 5 x 5½" - 3632138 - Box 4

1pc. - **2172** - Gable Top 5/4 x 6 x 11" - 3632172 - Box 4



1pc. - **2167** - Window Divider 5/4 x 6 x 26½" - 3632167 - Box 2

1pc. - **2188** - SW End 5/4 x 6 x 38½" - 3632188 - Box 2



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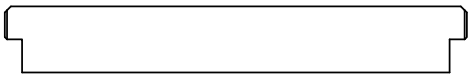
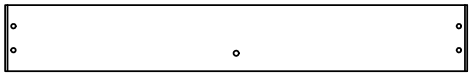
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4 x 6	1 x 5½
2 x 2	1½ x 1½
2 x 3	1⅜" x 2½"
2 x 4	1⅜" x 3⅜"
2 x 6	1½" x 5⅜"

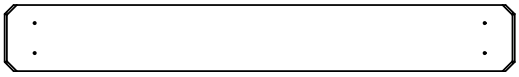
1pc. - **2192** - Cafe Top 5/4 x 6 x 38½" - 3632192 - Box 4



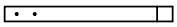
1pc. - **2196** - SW Top 5/4 x 6 x 38½" - 3632196 - Box 4



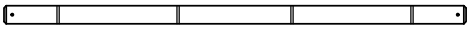
1pc. - **2148** - Bench 5/4 x 6 x 42½" - 3632148 - Box 4



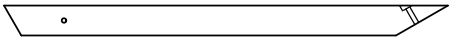
7pc. - **0318** - Ground Stake 1 1/4 x 1 1/2 x 14" - 3650318 - Box 1



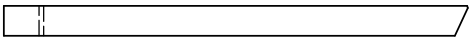
1pc. - **2191** - Cafe Support 2 x 2 x 38½" - 3632191 - Box 4



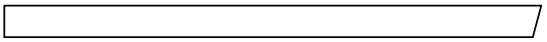
2pc. - **0369** - Lower Diagonal 2 x 3 x 37" - 3640369 - Box 2



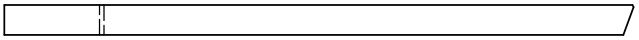
1pc. - **2199** - Mid Upright 2 x 3 x 38¾" - 3632199 - Box 4



1pc. - **0826** - Short Upright 2 x 3 x 44¾" - 3640826 - Box 4

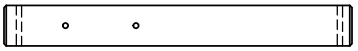


1pc. - **2256** - SL Upright 2 x 3 x 52½" - 3632256 - Box 4

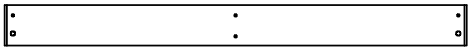


1pc. - **4919** - SW Rail Block 2 x 4 x 5⅜" - 3644919 - Box 2

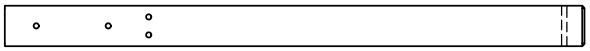
1pc. - **2194** - SW Mount 2 x 4 x 29" - 3632194 - Box 3



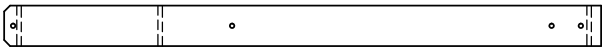
1pc. - **2187** - SL End 2 x 4 x 38½" - 3632187 - Box 2



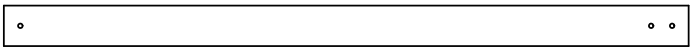
1pc. - **1856** - SW Upright 2 x 4 x 48-5/16" - 3641856 - Box 3



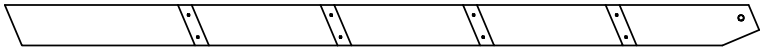
4pc. - **2181** - Short Post 2 x 4 x 49¾" - 3632181 - Box 3



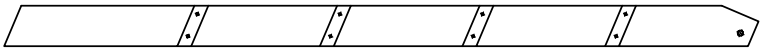
1pc. - **2179** - Door Post 2 x 4 x 57-1/16" - 3632179 - Box 4



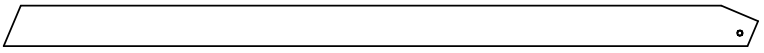
1pc. - **2250** - Left Rail 2 x 4 x 62⅞" - 3632250 - Box 2



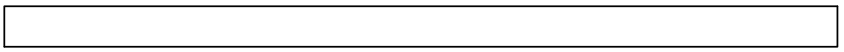
1pc. - **2251** - Right Rail 2 x 4 x 62⅞" - 3632251 - Box 2



1pc. - **2252** - Rock Rail 2 x 4 x 62⅞" - 3632252 - Box 3



1pc. - **2165** - Joist 2 x 4 x 69-7/16" - 3632165 - Box 3



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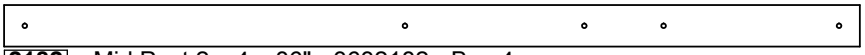
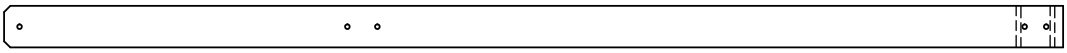
Part Identification (Reduced Part Size)

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

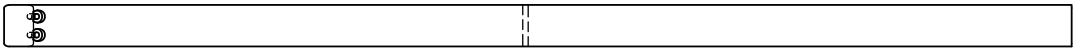
2pc. - **2164** - Floor Support 2 x 4 x 69½" - 3632164 - Box 3



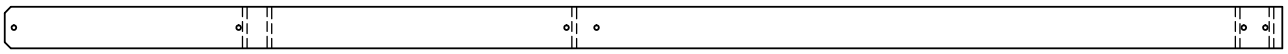
2pc. - **2182** - Mid Post 2 x 4 x 86" - 3632182 - Box 4



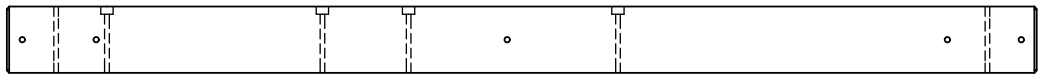
2pc. - **1863** - SW Post 2 x 4 x 86-11/16" - 3641863 - Box 3



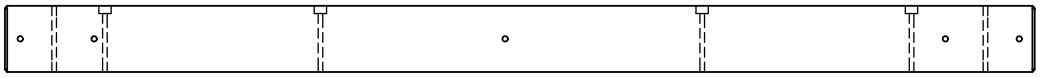
2pc. - **2180** - Post 2 x 4 x 103¾" - 3632180 - Box 3



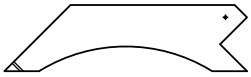
1pc. - **1825** - Back Beam 2 x 6 x 83⅝" - 3631825 - Box 3



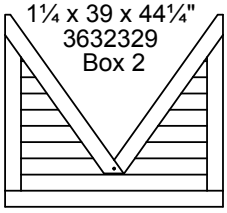
1pc. - **1826** - Front Beam 2 x 6 x 83⅝" - 3631826 - Box 3



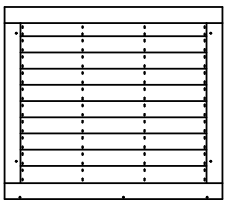
2pc. - **2239** - Gusset 2 x 6 x 19-11/16" - 3632239 - Box 3



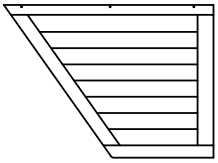
1pc. - **2329** - Large V Panel
1¼ x 39 x 44¼"
3632329
Box 2



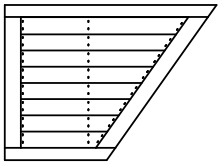
1pc. - **2304** - Large Square Panel
1¼ x 39 x 44¼"
3632304 - Box 2



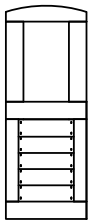
1pc. - **2276** - Left Roof Panel
1¼ x 31 x 42-9/16"
3632276 - Box 2



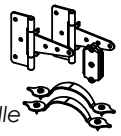
1pc. - **2295** - Right Roof Panel
1¼ x 31½ x 43"
3632295 - Box 2



1pc. - **8197** - Door Panel Brown
1-3/16 x 16⅜ x 43-5/16"
3608197B - Box 2



1x - Door Hardware
(3201710)



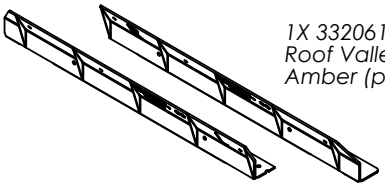
2x 9201712
Door Hinge

2x 9201711
Door Handle

9207713
1x Door Catch with Catch Plate

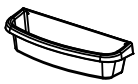
1X 3201530
Swing Bracket Set Green (pk3)

1X 3320610
Roof Valley II Amber (pk4)

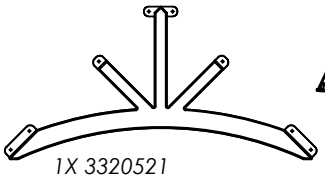


1X 3320351
Big Backyard Plaque

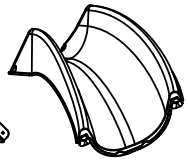
2X 3320401
Flower Box Green



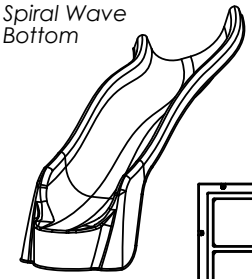
1X 3320521
Peak Detail -White (2pk)



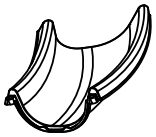
1X 3310101
Spiral Wave Top



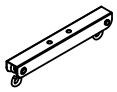
1X 3310103
Spiral Wave Bottom



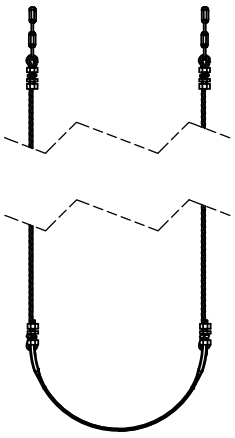
1X 3310102
Spiral Wave Middle



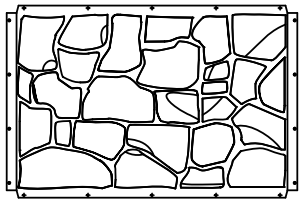
1X 3200202
Glider Hanger (2pk)



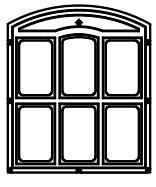
2X 3724943
42" Belt Swing Yellow w.welded chain



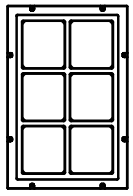
1X 3320605
Faux Stone Panel



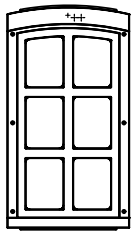
1X 3320565 (3pk)
6 Pane Arch Top Window -White



1X 9320546
Small Window White

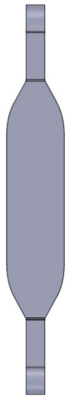


2X 9320511
2 x 3 Panel Window -White

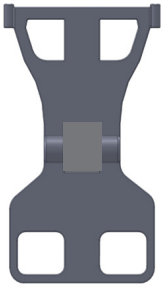


1X 3320240
Yellow Hand Grip (2pk)

1X Glider Seat



2X Glider End



1X 3320356
Big Backyard I.D Plaque

1X 3320210 Rocks (10pk)
Green,Yellow, Burgundy

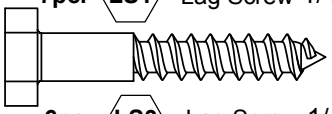
1X 3200184
Triangle Plate (4pk) Green

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

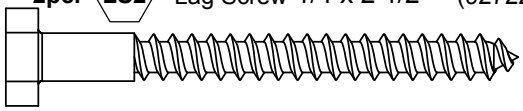
support@cedarsummitplay.com

Hardware Identification (Actual Size)

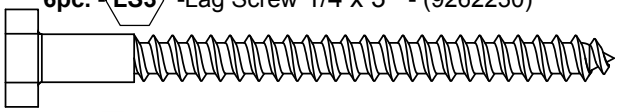
7pc. -(LS1) -Lag Screw 1/4 x 1 1/2" - (9262212)



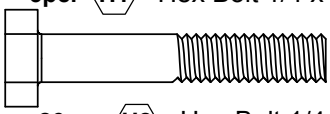
2pc. -(LS2) -Lag Screw 1/4 x 2 1/2" - (9272222)



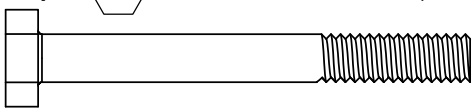
6pc. -(LS3) -Lag Screw 1/4 x 3" - (9262230)



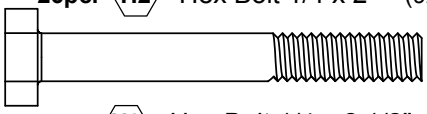
5pc. -(H1) -Hex Bolt 1/4 x 1½" - (9277212)



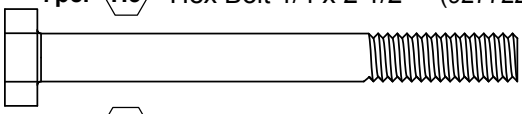
2pc. -(H10) -Hex Bolt 1/4 x 2¼" - (9277221)



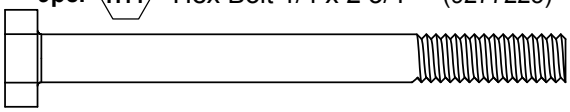
26pc. -(H2) -Hex Bolt 1/4 x 2" - (9277220)

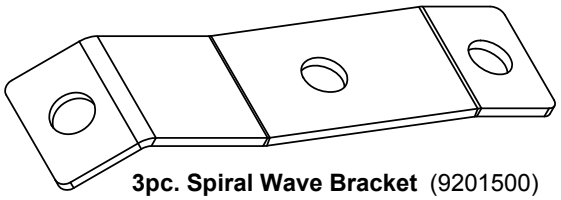


7pc. -(H3) -Hex Bolt 1/4 x 2 1/2" - (9277222)



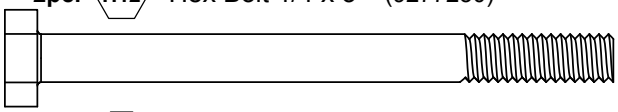
9pc. -(H11) -Hex Bolt 1/4 x 2 3/4" - (9277223)



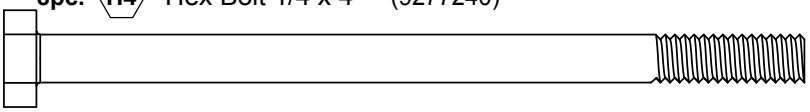


3pc. Spiral Wave Bracket (9201500)

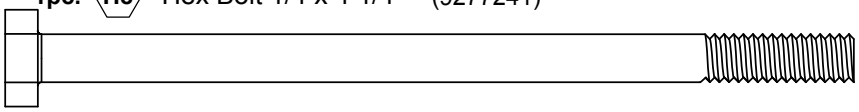
2pc. -(H12) -Hex Bolt 1/4 x 3 - (9277230)



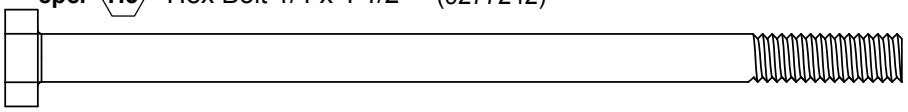
8pc. -(H4) -Hex Bolt 1/4 x 4" - (9277240)



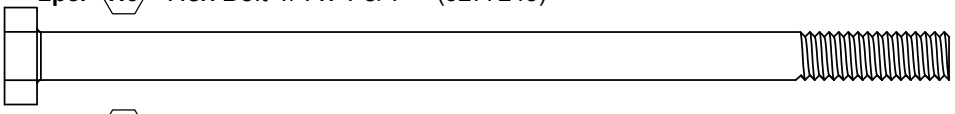
1pc. -(H8) -Hex Bolt 1/4 x 4 1/4" - (9277241)



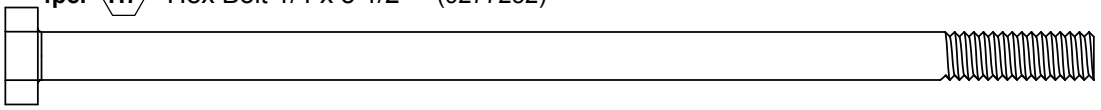
8pc. -(H5) -Hex Bolt 1/4 x 4 1/2" - (9277242)



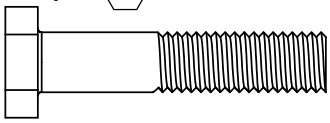
2pc. -(H6) -Hex Bolt 1/4 x 4 3/4" - (9277243)



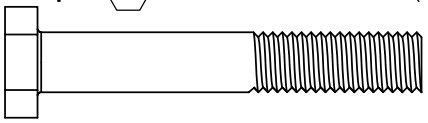
4pc. -(H7) -Hex Bolt 1/4 x 5 1/2" - (9277252)



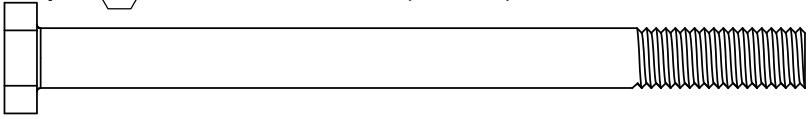
7pc. -(G1) -Hex Bolt 5/16 x 1 1/2" - (9277312)

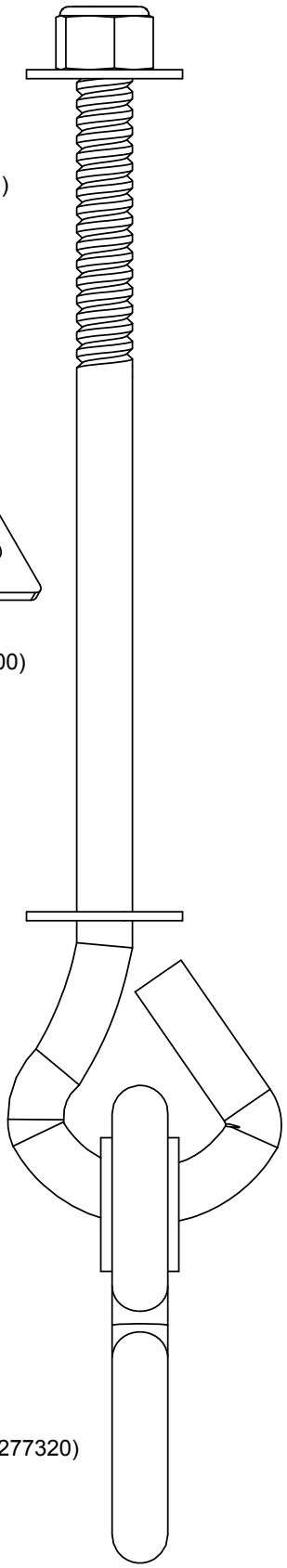


2pc. -(G8) -Hex Bolt 5/16 x 2" - (9277320)



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

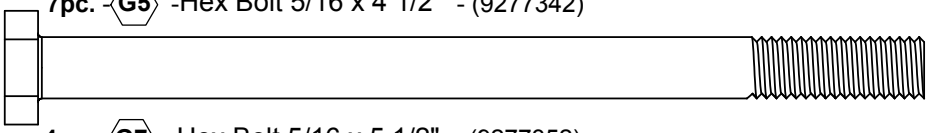




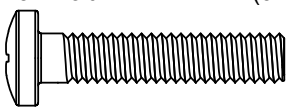
1X 3202000
Swing Hanger Bolt
Thru. (4 pk)

Hardware Identification (Actual Size)

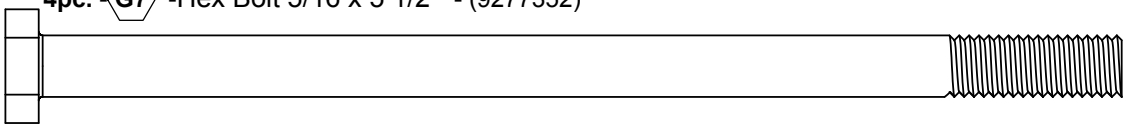
7pc. -(G5)- -Hex Bolt 5/16 x 4 1/2" - (9277342)



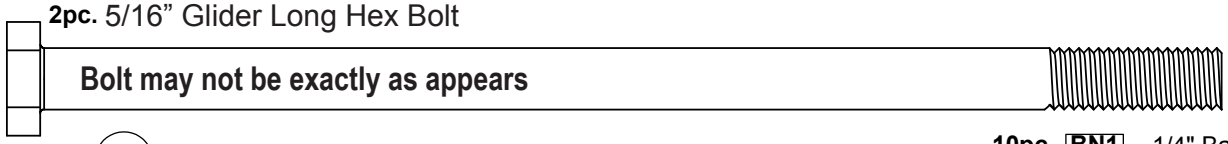
10pc. -(PB2)- -Pan Bolt 1/4 x 1 1/4 - (9274211)



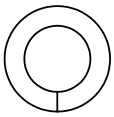
4pc. -(G7)- -Hex Bolt 5/16 x 5 1/2" - (9277352)



2pc. 5/16" Glider Long Hex Bolt

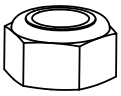


16pc. (LW2) - 5/16" Lock Washer - (9253300)

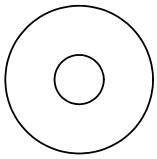


84pc. (LW1) -1/4" Lock Washer - (9253200)

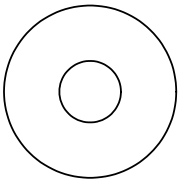
12pc. (LN2) -5/16" Lock Nut - (9283300)



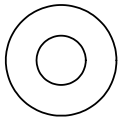
105pc. (FW1) -1/4" Flat Washer - (9251200)



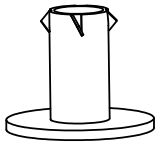
40pc. (FW2) - 5/16" Flat Washer - (9251300)



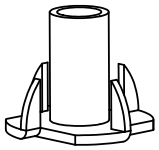
14pc. (FW0) -3/16" Flat Washer - (9251100)



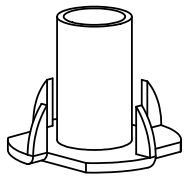
10pc. [BN1] -1/4" Barrel Nut - (9248200)



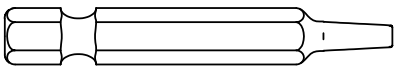
74pc. [TN1]- 1/4"T - Nut -(9285200)



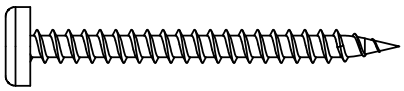
16pc. [TN2] -5/16" T- Nut - (9285300)



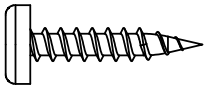
1pc. [D4] -#2 Robertson Driver Bit - (9200014)



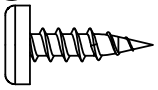
16pc. -(S7)- -Pan Screw #12 x 2" - (9264620)



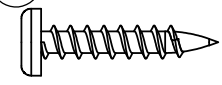
11pc. -(S6)- -Pan Screw #12 x 1" - (9264610)



20pc. -(S8)- -Pan Screw #12 x ¾" - (9264603)

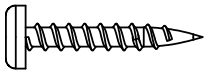


10pc. -(S10)- -Pan Screw #8 x 1" - (52432510)

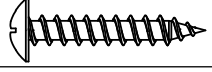


52pc. -(S13)- -Pan Screw #6 x 5/8" - (9264990)

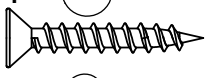
58pc. -(S16)- -Pan Screw #6 x 1" - (9264010)



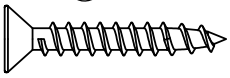
116pc. -(S0)- - Truss Head Screw #8 x ⅞" - (52933505)



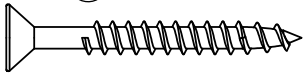
8pc. -(S18)- -Wood Screw #6 x 1" - (9260910)



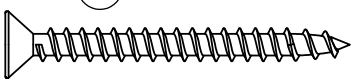
64pc. -(S1)- -Flat Head Screw #8 x 1 1/8" - (52042514)



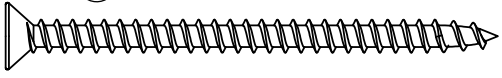
220pc. -(S2)- -Flat Head Screw #8 x 1 1/2" - (52042512)



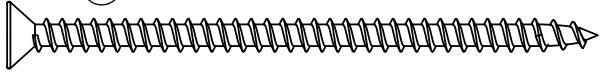
38pc. -(S15)- -Flat Head Screw #8 x 1 3/4" - (52042513)



44pc. -(S3)- -Flat Head Screw #8 x 2 1/2" - (52042522)

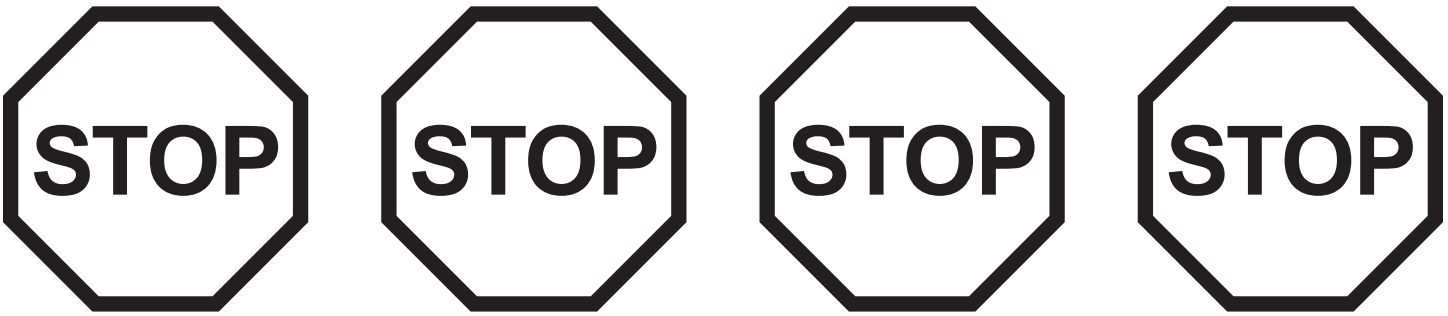


12pc. -(S4)- -Flat Head Screw #8 x 3" - (52042530)



support@cedarsummitplay.com

Step 1: Inventory Parts - Read This Before Starting Assembly



A. This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.

- The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.

B. If there are any missing or damaged pieces or you need assistance with assembly please contact the Consumer Relations Department directly. Call us before going back to the store.

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

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

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

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the 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: **F23135**

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

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

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

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

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

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

TRACKING NUMBER (from ID Plaque): _____

Step 2: Access Ladder / Rockwall Assembly Part 1

A: Place (2250) Left Rail on left hand side of 4 (2254) Ladder Treads and (2251) Right Rail on right hand side with the grooves facing in. (fig. 2.1)

B: Fit each (2254) Ladder Tread into grooves on both (2250) and (2251) Rails, make sure the top edge of the treads are flush to the front of the rails. (fig. 2.1 and 2.2)

C: Attach Rails and Ladder Treads together using 4 (S15) #8 x 1-3/4" Wood Screws per tread. (fig. 2.1)

D: Attach Swing Brackets to the inside top of (2250) and (2251) Rails at angled edge using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per bracket. Edge of Swing Bracket is flush with edge of rails. (fig. 2.1 and 2.3)

Fig. 2.1
Right Side

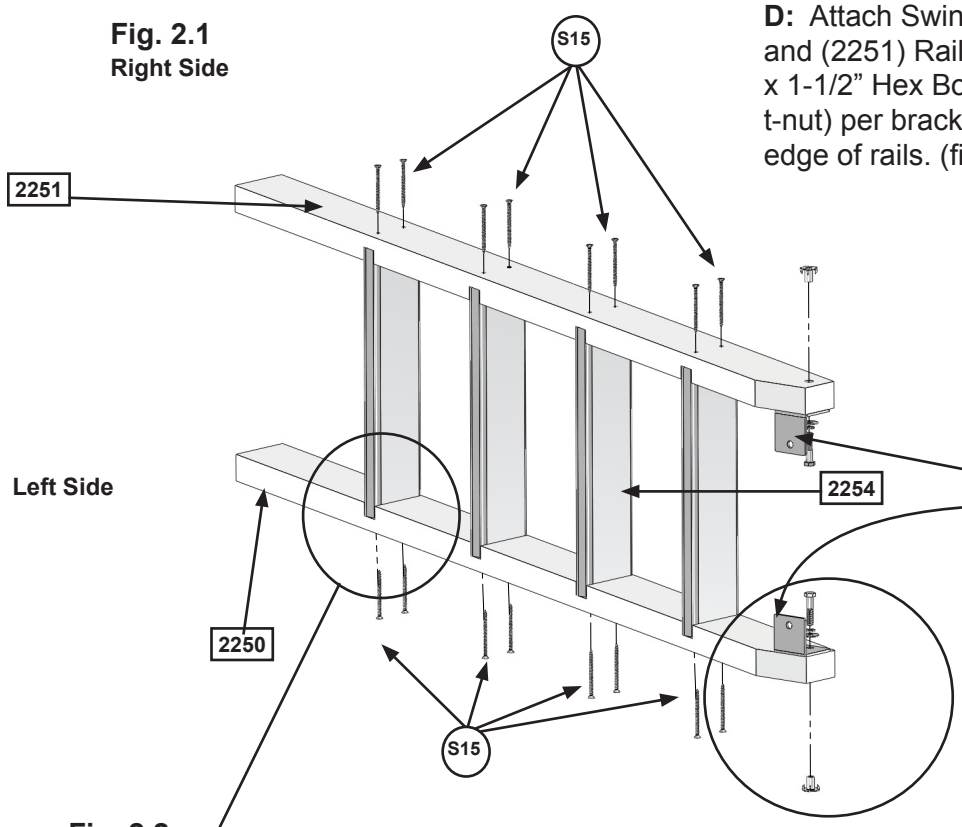


Fig. 2.2
End View

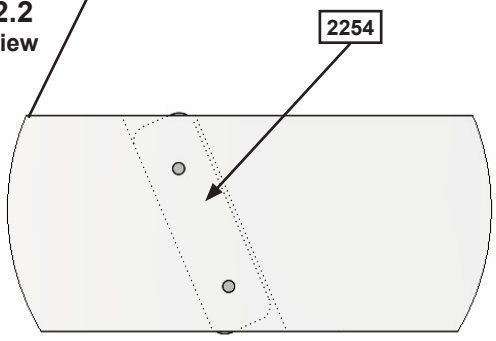
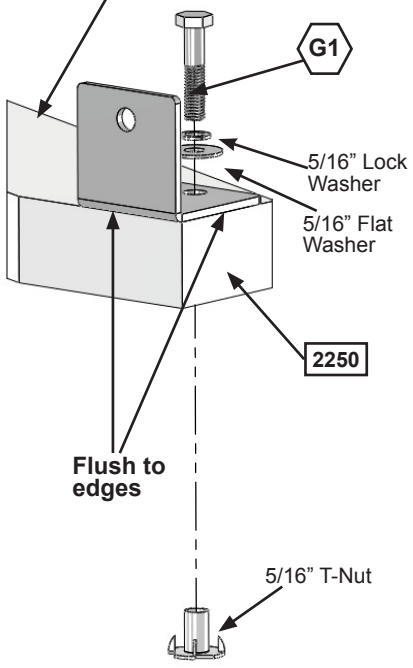


Fig. 2.3
Top of Ladder View



Wood Parts	Hardware	Other Parts
1 x 2250 Left Rail 2 x 4 x 62-7/8"	16 x S15 #8 x 1-3/4" Wood Screw	2 x Swing Bracket
1 x 2251 Right Rail 2 x 4 x 62-7/8"	2 x G1 5/16 x 1-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)	
4 x 2254 Ladder Tread 5/4 x 4 x 13-7/8"		

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Step 2: Access Ladder / Rockwall Assembly Part 2

E: Place (2248) Ladder Gap on each rail so there is a 2-3/8” gap between (2248) Ladder Gap and the top (2254) Ladder Tread. Attach using 4 (S3) #8 x 2-1/2” Wood Screws. (fig. 2.4 and 2.5)

F: Place (2252) Rock Rail on the ground next to (2251) Right Rail so it matches the orientation of the two rails as shown in fig. 2.6. Attach (2249) Ladder Top to top of Access Ladder assembly and (2252) Rock Rail using 3 (S4) #8 x 3” Wood Screws. Notice that the holes in the board are towards the top. (fig. 2.6)

G: Attach 1 Swing Bracket to the top angled edge of (2252) Rock Rail, making sure the bracket faces out. Use 1 (G1) 5/16 x 1-1/2” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 2.6)

Fig. 2.4

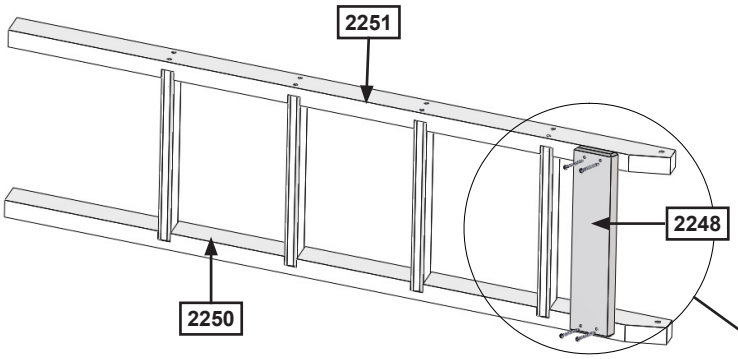


Fig. 2.5

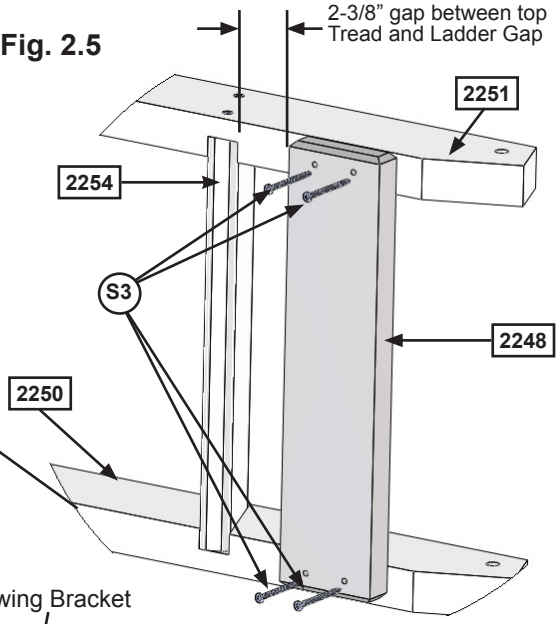
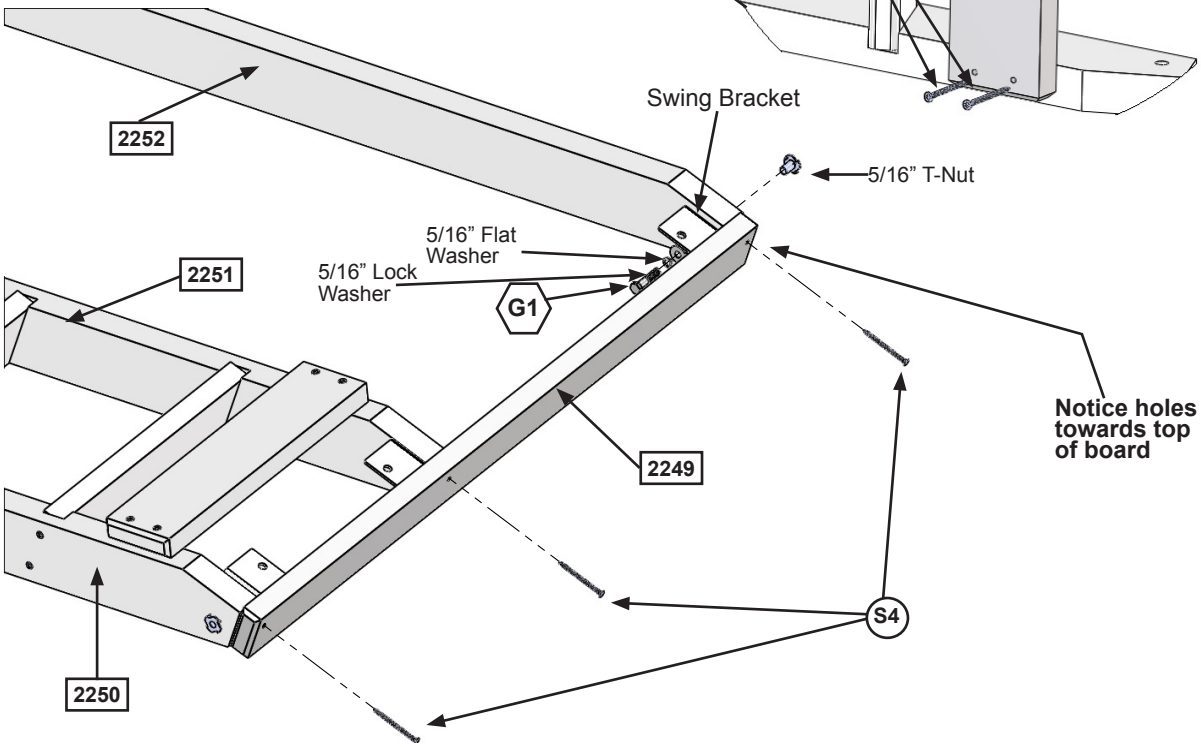


Fig. 2.6



Wood Parts	Hardware	Other Parts
1 x 2248 Ladder Gap 5/4 x 4 x 15”	4 x S3 #8 x 2-1/2” Wood Screw	1 x Swing Bracket
1 x 2252 Rock Rail 2 x 4 x 62-7/8”	3 x S4 #8 x 3” Wood Screw	
1 x 2249 Ladder Top 5/4 x 3 x 37-1/4”	1 x G1 5/16 x 1-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)	

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Step 2: Access Ladder / Rockwall Assembly Part 3

H: Place (0705) Cedar Wall at top of the assembly and (1880) CE Wall Board at the bottom of the assembly as shown in fig. 2.7. Then place (2330) Rock Board A and (2257) Rock Board B as shown in fig. 2.7. 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 (2251) Right Rail and (2252) Rock Rail. (fig. 2.7)***

I: Make sure all boards fit together snugly and the assembly is square, then attach (0705) Cedar Wall and (1880) CE Wall Board using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 2.7 and 2.8)

J: Fasten all the other boards with 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 2.7)

Fig. 2.7

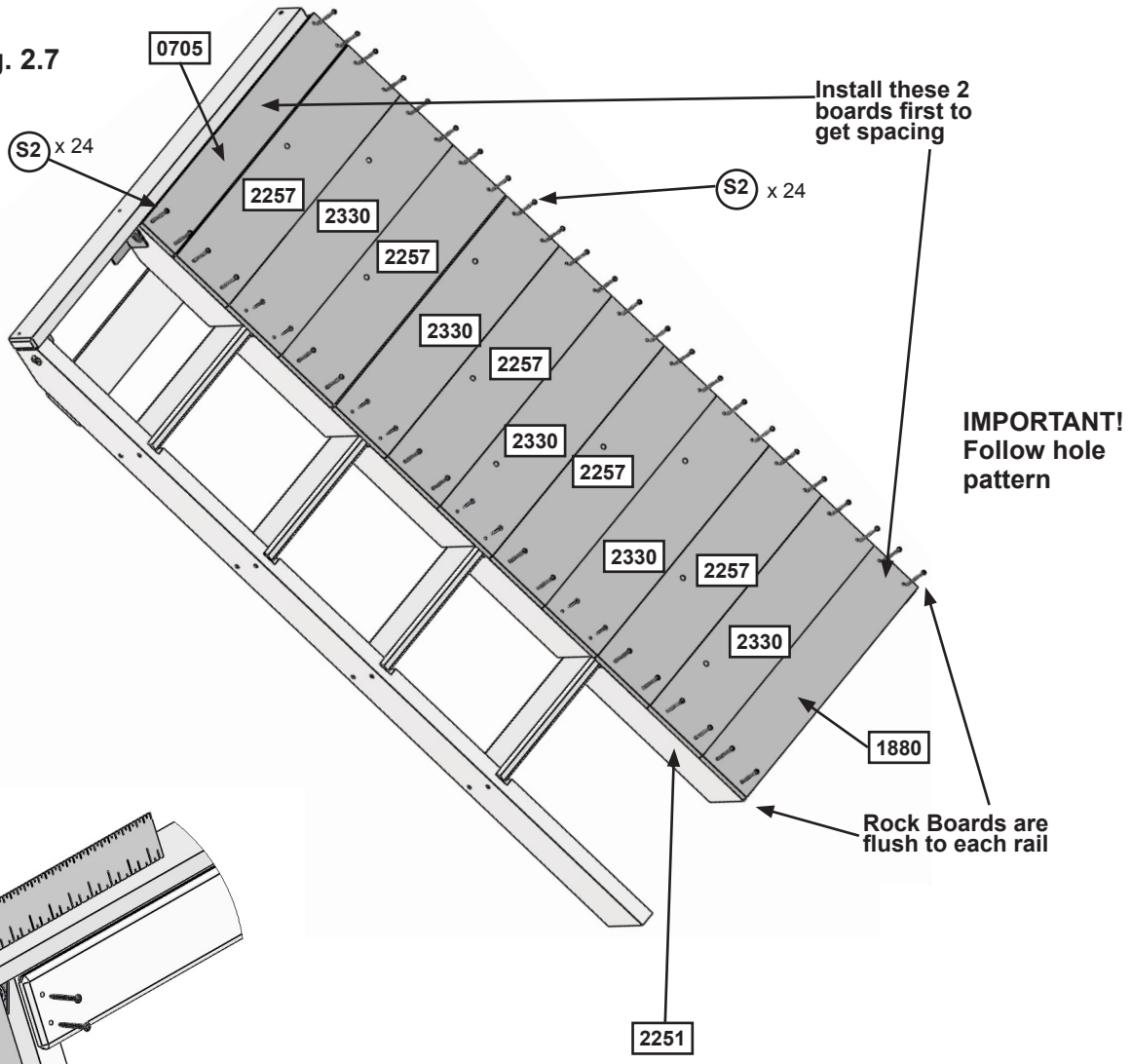
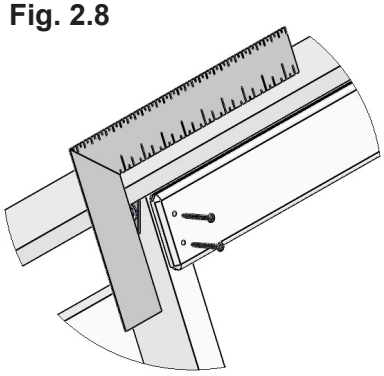


Fig. 2.8



Wood Parts		Hardware
1 x 0705	Cedar Wall 1 x 4 x 23-1/2"	48 x S2 #8 x 1-1/2" Wood Screw
1 x 1880	CE Wall Board 1 x 5 x 23-1/2"	
5 x 2330	Rock Board A 1 x 6 x 23-1/2"	
5 x 2257	Rock Board B 1 x 6 x 23-1/2"	

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Step 2: Access Ladder / Rockwall Assembly
Part 4

K: 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. 2.9 and 2.10)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 2.9 and 2.10)

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

Fig. 2.9

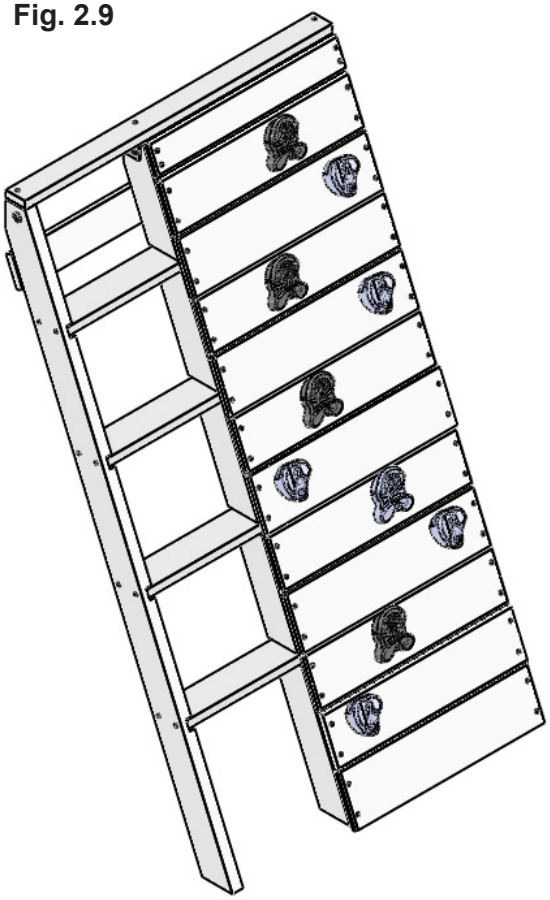
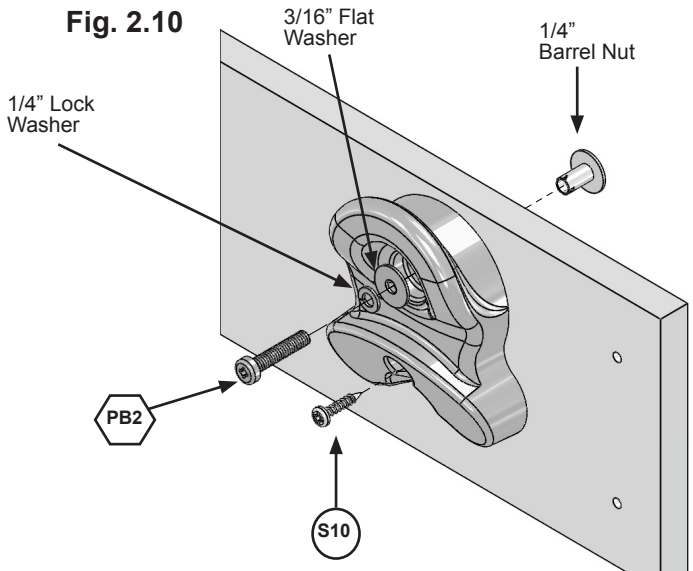


Fig. 2.10



Hardware

10 x PB2 1/4 x 1-1/4 Pan Bolt (1/4” lock washer, 3/16” flat washer & 1/4” barrel nut)

10 x S10 #8 x 1” Pan Screw

Other Parts

10 x Rocks (green/yellow/burgundy)

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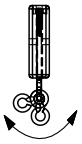
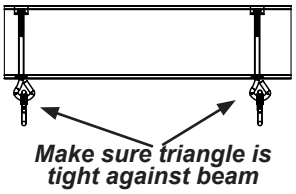
Step 3: Swing Beam Assembly

Fig. 3.4

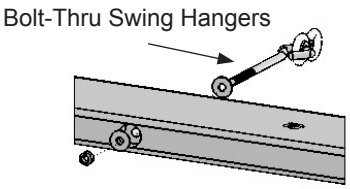




⚠WARNING: For your child's safety, orientate the swing hangers as shown to ensure your swing will have proper swing motion when installed. Failure to do so could result in premature failure of the swing hanger or swing chain.

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.



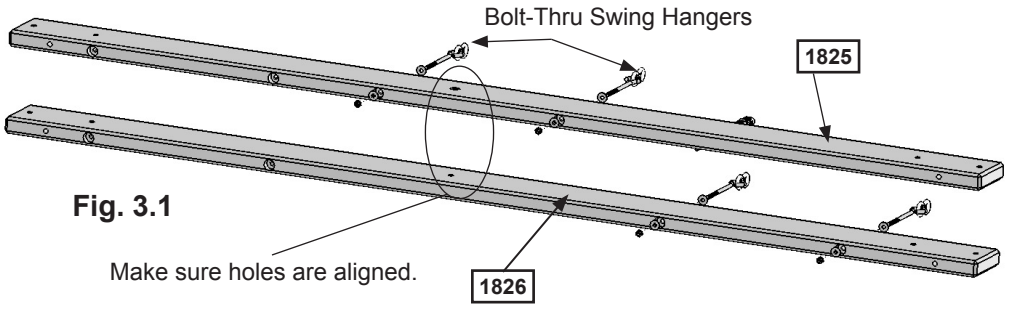


Fig. 3.1

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

Fig. 3.2

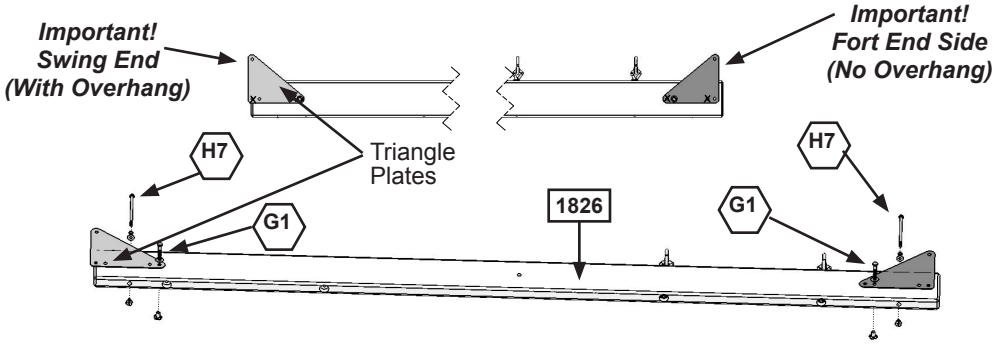
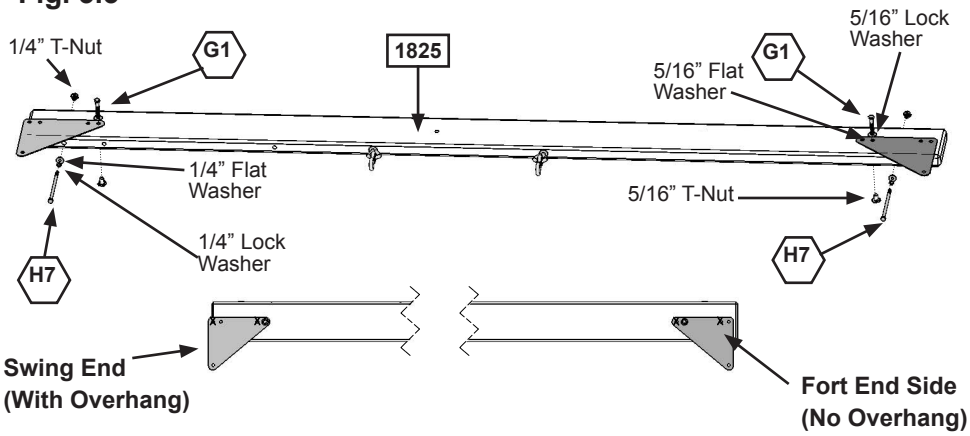


Fig. 3.3



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

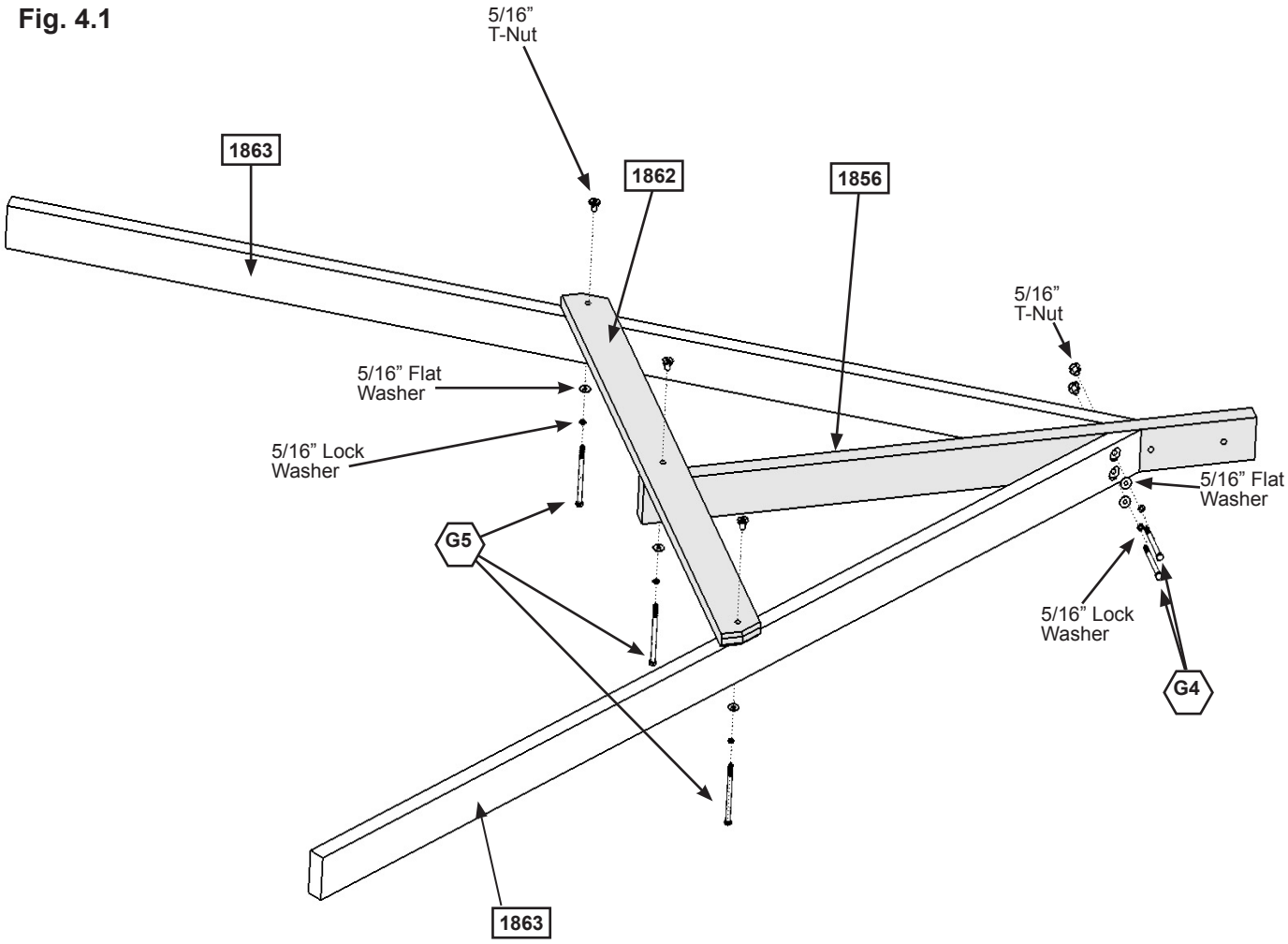
Other Parts

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

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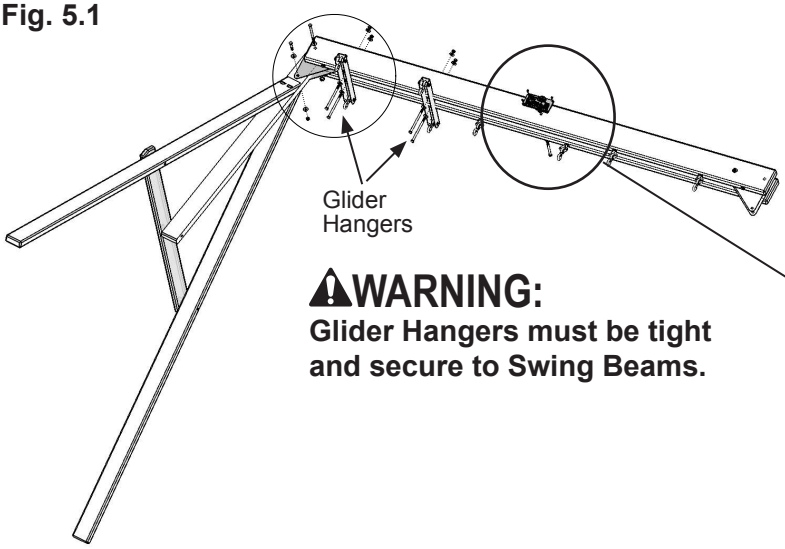
Step 5: Attach Swing End to Swing Beam

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

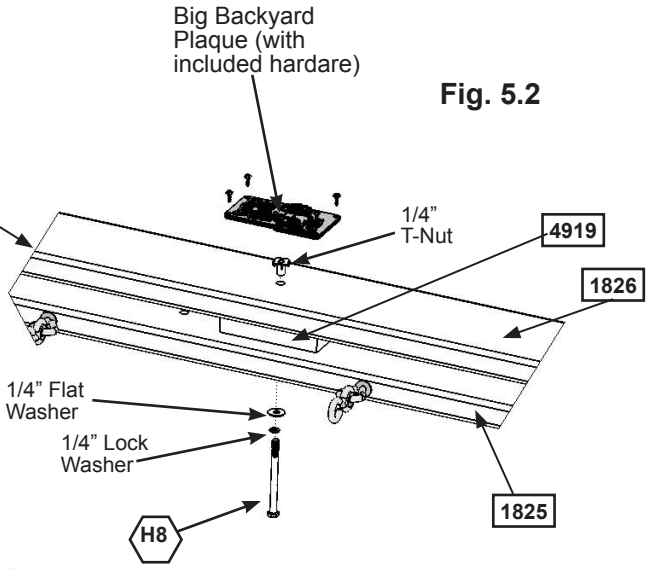
B: Attach Big Backyard Plaque over 1/4" t-nut on (1826) Front Beam with included hardware. (fig. 5.1 & 5.2)

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

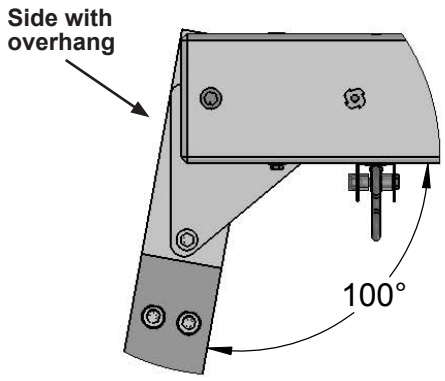
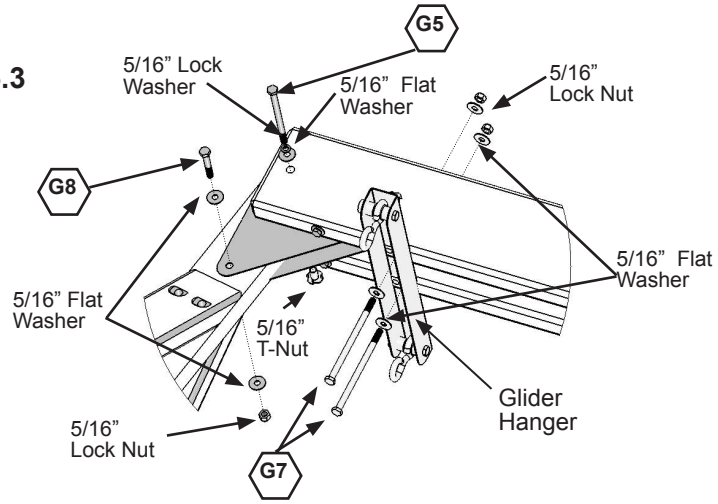


Fig. 5.3



Wood Parts	Hardware	Other Parts
1 x 4919 SW Rail Block 2 x 4 x 5-3/8"	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)	2 x Glider Hangers 1 x Big Backyard Plaque (with hardware)

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Step 6: Door Assembly
Part 1

A: On the inside of (8197) Door Panel, measure 17-3/4” up from the bottom and attach Catch Plate using 2 (S18) #6 x 1” Wood Screws. (fig. 6.1 and 6.2)

B: On the inside of (8197) Door Panel above the Catch Plate attach 1 Door Handle using 2 (S13) #6 x 5/8” Pan Screws. (fig. 6.1 and 6.2)

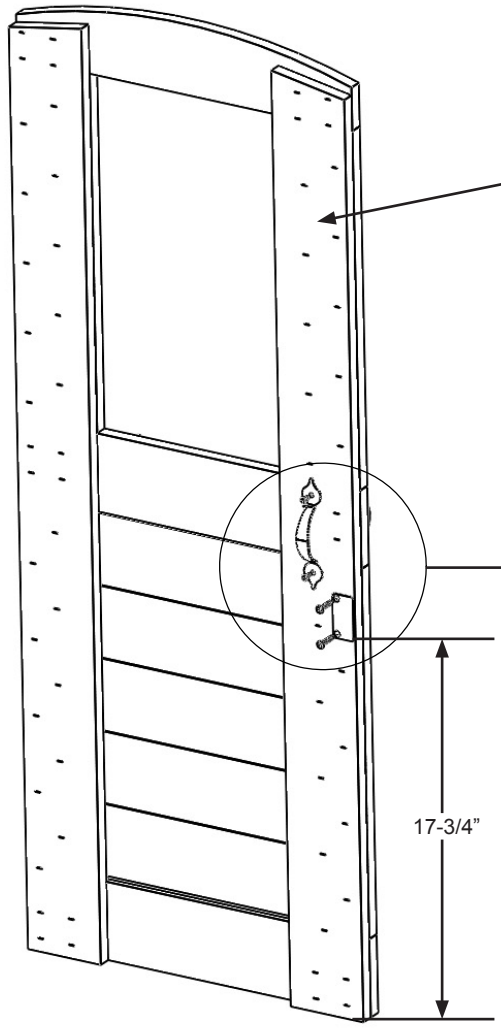

Fig. 6.1

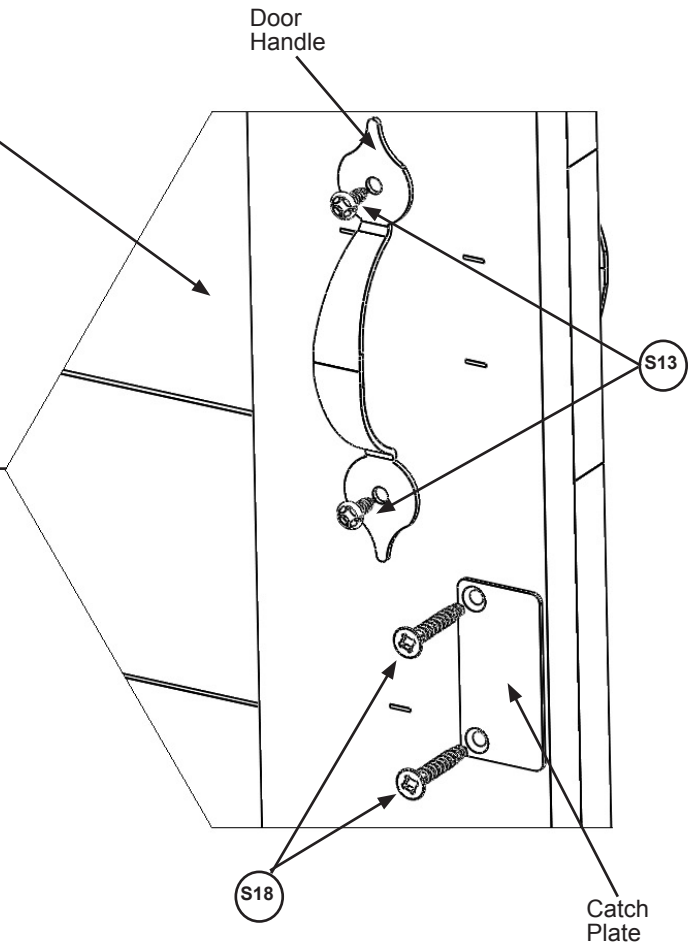

Fig. 6.2

Inside View

Wood Parts	Hardware	Other Parts
1x 8197 Door Panel 1-3/16 x 16-3/8 x 43-5/16”	2 x S13 #6 x 5/8” Pan Screw	1 x Door Handle
	2 x S18 #6 x 1” Wood Screw	1 x Catch Plate

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Step 6: Door Assembly Part 2

C: On the outside of the (8197) Door Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 6.3 and 6.4)

D: In the window opening of (8197) Door Panel insert 1 Small Window from the outside and attach with 8 (S13) #6 x 5/8" Pan Screws. (fig. 6.4)

E: Attach 2 Door Hinges on the outside of the (8197) Door Panel on the opposite side from the Door Handle. Judge spacing based on fig. 6.3. Use 3 (S13) # 6 x 5/8" Pan Screws per Hinge.

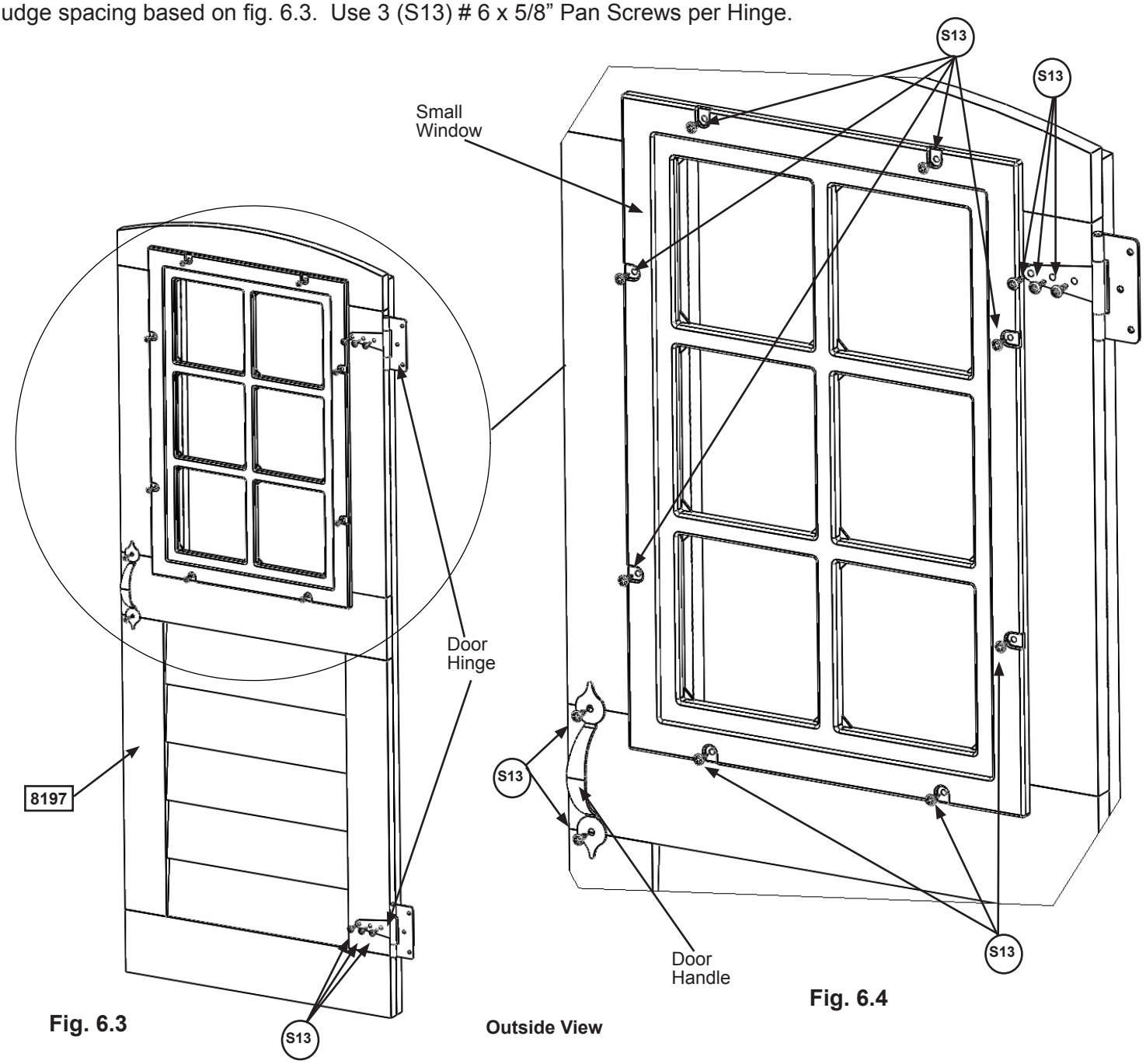


Fig. 6.3

Outside View

Fig. 6.4

Hardware

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

Other Parts

1 x Door Handle
1 x Small Window
2 x Door Hinges

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 (2190) Wall Board 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 (S15) #8 x 1-3/4" Wood Screws. (fig. 7.2 and 7.3)

Fig. 7.1

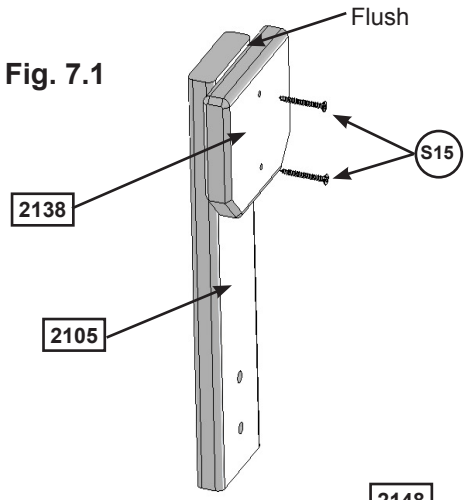
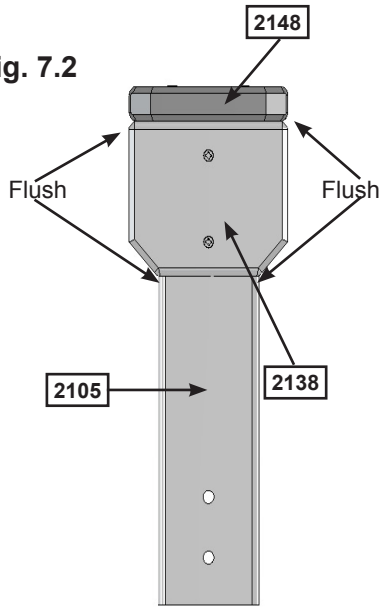


Fig. 7.2



Side View

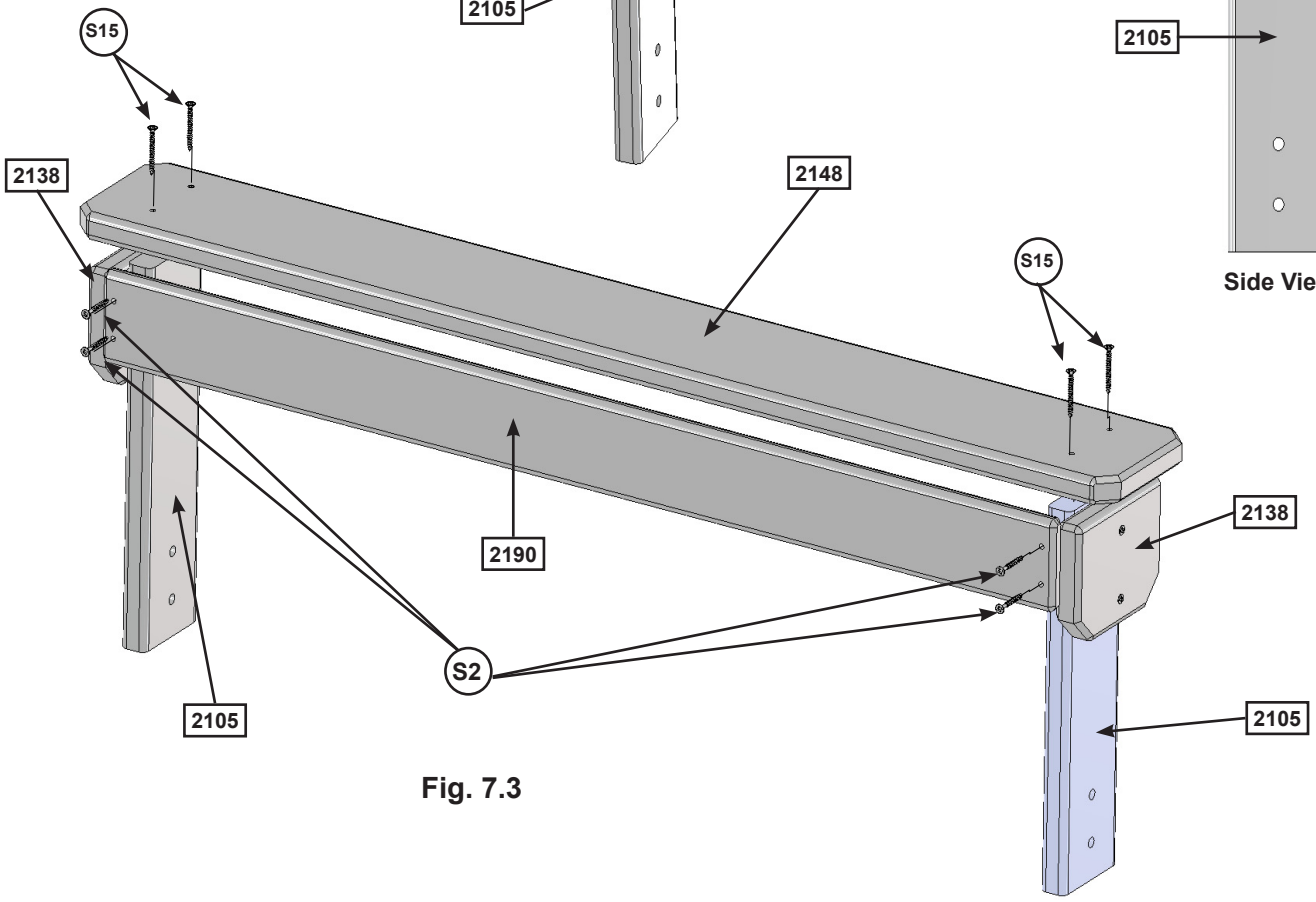


Fig. 7.3

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 2190 **Wall Board 1 x 4 x 38-1/2"**
- 1 x 2148 **Bench 5/4 x 6 x 42-1/2"**

Hardware

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

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Step 8: Front Wall Assembly Part 1

A: Loosely attach 1 (2180) Post, (2179) Door Post and 1 (2182) Mid Post to (2178) Ground Front with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) in each board. Ensure that you maintain a 27-5/8" spacing between the two boards, as shown inf fig.8.1. Make sure the bevelled ends of (2180) Post and (2182) Mid Post are facing up. (fig. 8.1 and 8.2)

B: Loosely attach (2164) Floor Support to (2180) Post, (2179) Door Post and (2182) Mid Post with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per board. Hex bolts to be installed from the inside of the assembly. (fig. 8.1)

Fig. 8.1

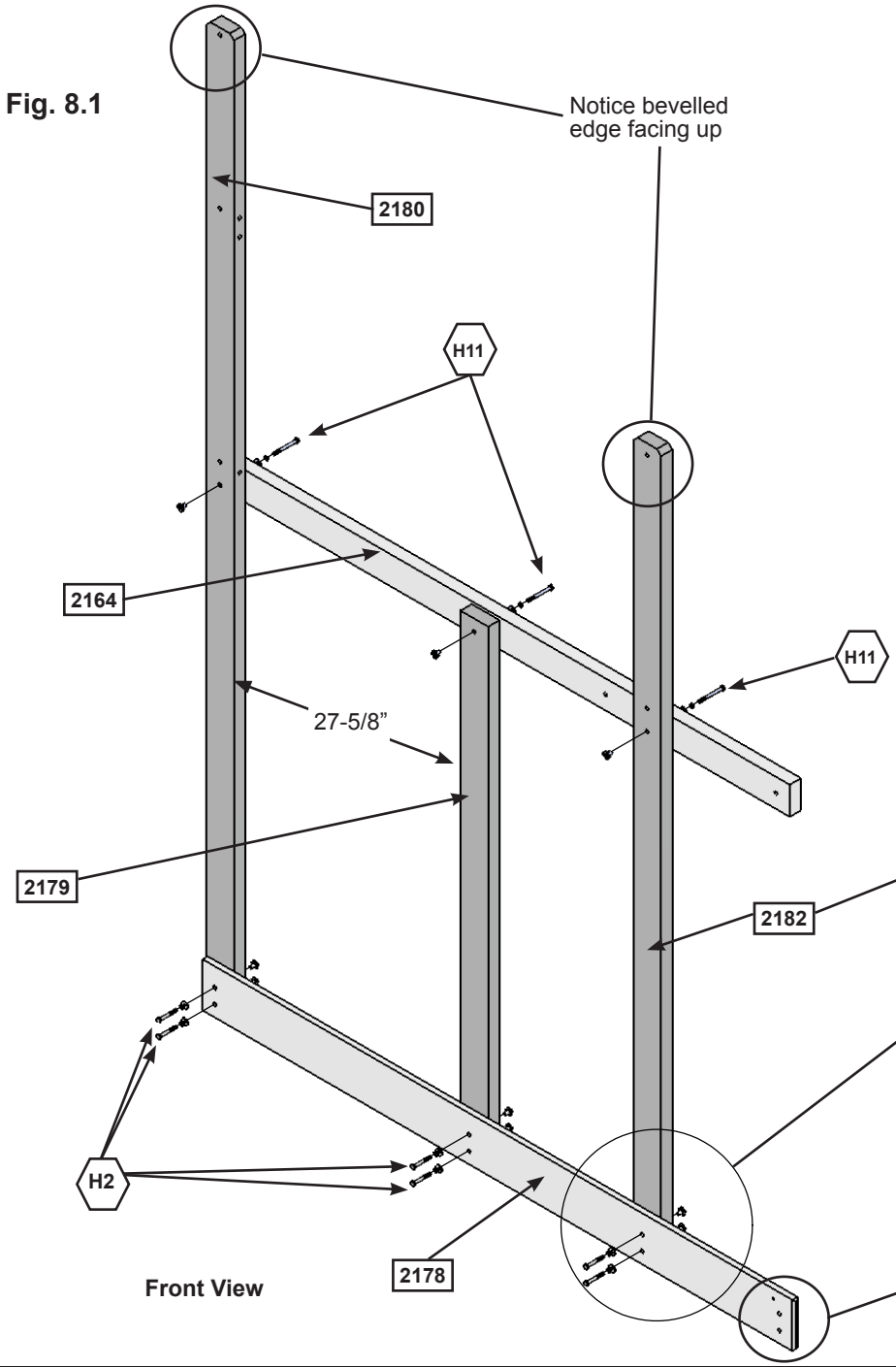
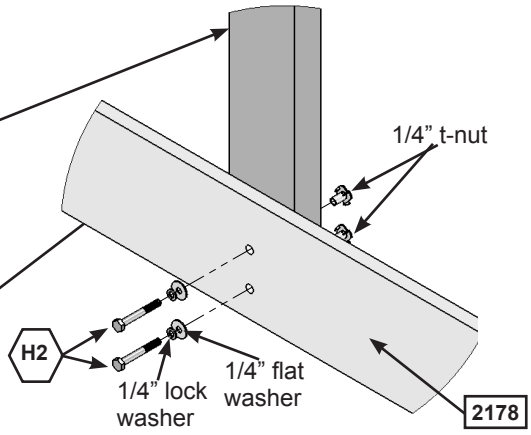


Fig. 8.2



Wood Parts

- 1 x 2178 Ground Front 1 x 6 x 72"
- 1 x 2180 Post 2 x 4 x 103-3/4"
- 1 x 2179 Door Post 2 x 4 x 57-1/16"
- 1 x 2182 Mid Post 2 x 4 x 86"
- 1 x 2164 Floor Support 2 x 4 x 69-1/2"

Hardware

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

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Step 8: Front Wall Assembly Part 2

C: With bevelled ends facing up loosely attach 2 (2181) Short Posts to (2164) Floor Support with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per board. Hex bolts to be installed from the inside of the assembly. (fig. 8.3)

D: Loosely attach (2183) Front Rail to each (2181) Short Post and to (2182) Mid Post with 3 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut). Hex bolts to be installed from the outside of the assembly. (fig. 8.3 and 8.4)

E: Make sure assembly is square and ensure that the spacing between (2180) Post and (2179) Ground Front is 27-5/8" (fig. 8.3), then tighten all bolts and attach (2183) Front Rail to each (2181) Short Post with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 8.3 and 8.4)

F: Install one 1/4" T-nut into (2180) Post, (2182) Mid Post and each (2181) Short Post on the inside of the assembly, as shown in fig.8.3 and 8.5.

Fig. 8.3

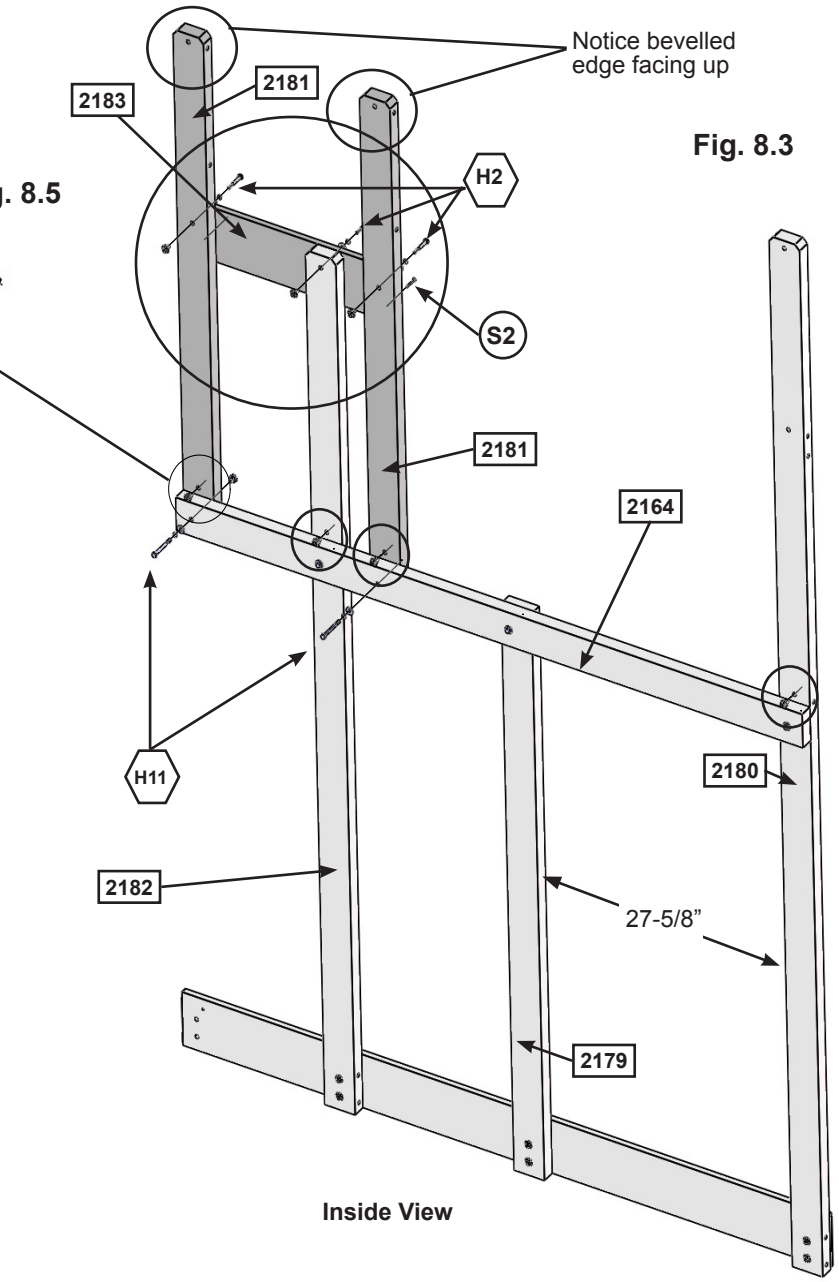


Fig. 8.5

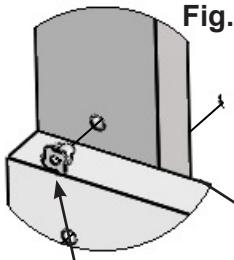
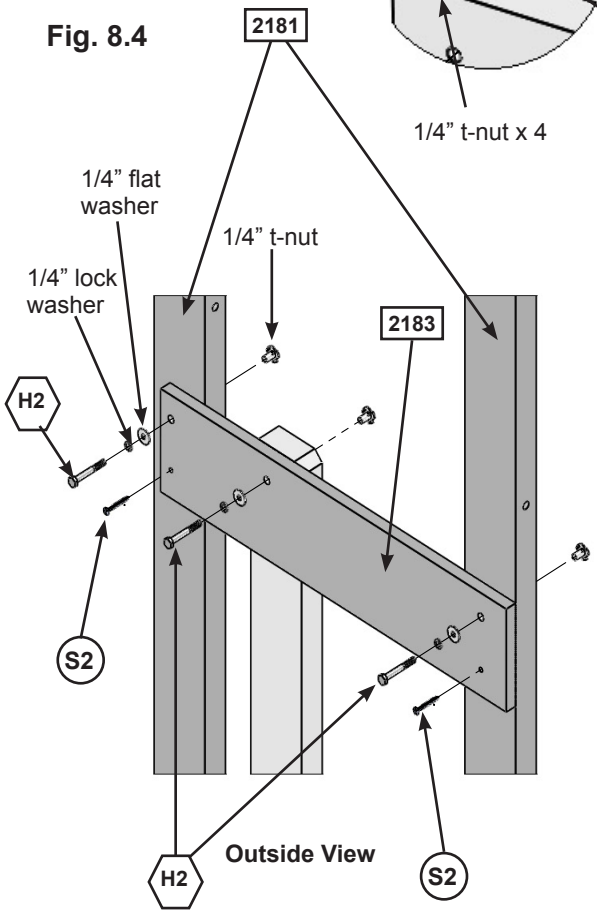


Fig. 8.4



Wood Parts

2 x 2181 **Short Post 2 x 4 x 49-3/4"**
1 x 2183 **Front Rail 1 x 6 x 23"**

Hardware

3 x H2 **1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
2 x H11 **1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
2 x S2 **#8 x 1-1/2" Wood Screw**
4 x **1/4" t-nut**

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Step 9: Back Wall Assembly
Part 1

A: Loosely attach 1 (2180) Post and 1 (2182) Mid Post to (2177) Ground Back with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) per board. Make sure the bevelled ends of (2180) Post and (2182) Mid Post are facing up. (fig. 9.1 and 9.2)

B: Loosely attach (2164) Floor Support to (2180) Post and (2182) Mid Post, on front of assembly, with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per board. (fig. 9.1)

C: With bevelled ends facing up loosely attach 2 (2181) Short Posts to (2164) Floor Support with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per board. (fig. 9.1)

Fig. 9.1

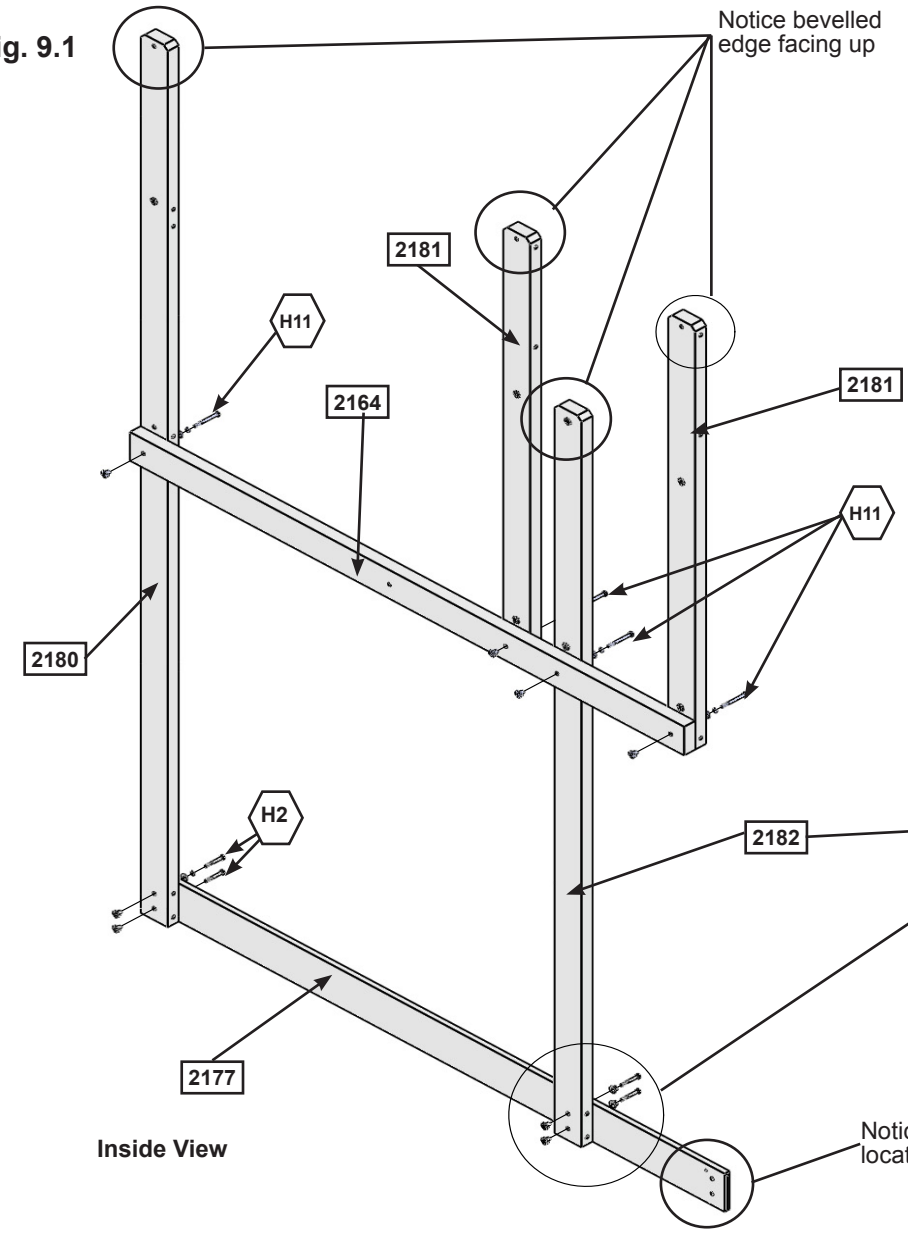
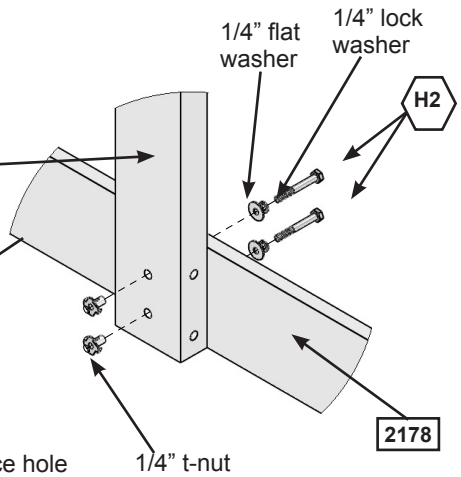


Fig. 9.2



Wood Parts

- 1 x 2177 **Ground Back 1 x 5 x 72"**
- 1 x 2180 **Post 2 x 4 x 103-3/4"**
- 2 x 2181 **Short Post 2 x 4 x 49-3/4"**
- 1 x 2182 **Mid Post 2 x 4 x 86"**
- 1 x 2164 **Floor Support 2 x 4 x 69-1/2"**

Hardware

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

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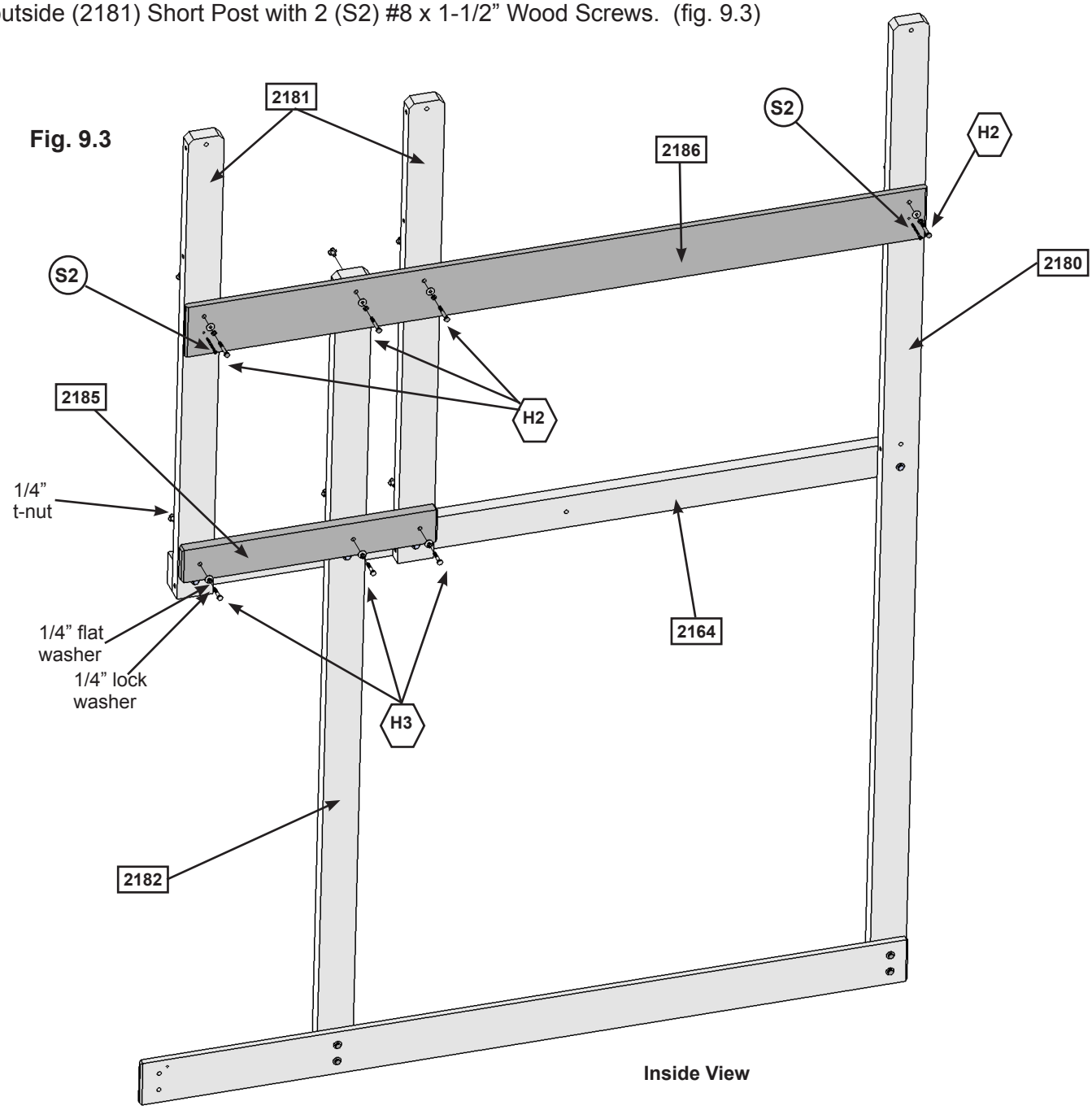
Step 9: Back Wall Assembly Part 2

D: Loosely attach (2186) Back Front Wall to each (2181) Short Post, to (2182) Mid Post and to (2180) Post with 4 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 9.3)

E: Loosely attach (2185) Lower Back to each (2181) Short Post and to (2182) Mid Post with 3 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 9.3)

F: Make sure assembly is square then tighten all bolts and attach (2186) Back Front Wall to (2180) Post and outside (2181) Short Post with 2 (S2) #8 x 1-1/2” Wood Screws. (fig. 9.3)

Fig. 9.3



Inside View

Wood Parts

1 x [2186] Back Front Wall 1 x 6 x 69-1/2”

1 x [2185] Lower Back 5/4 x 4 x 24”

Hardware

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

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

2 x (S2) #8 x 1-1/2” Wood Screw

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Step 10: Swing Wall Assembly
Part 1

A: With at least one adult helper hold up the Front and Back Walls and loosely attach (2184) SW Ground using 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) and (2188) SW End using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut), in the top holes, to both (2180) Posts. (fig. 10.1 and 10.2)

B: Loosely attach 1 (0369) Lower Diagonal to each end of (2184) SW Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per diagonal. (fig. 10.1 and 10.2)

Fig. 10.1

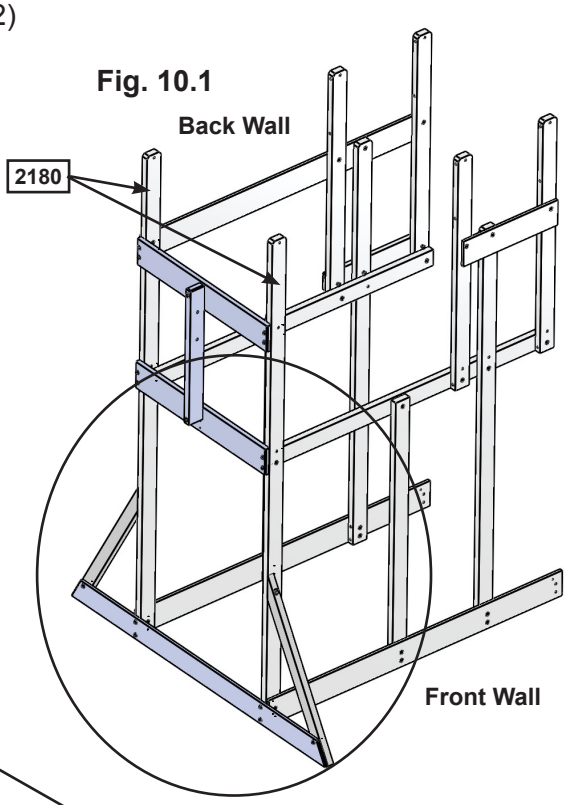
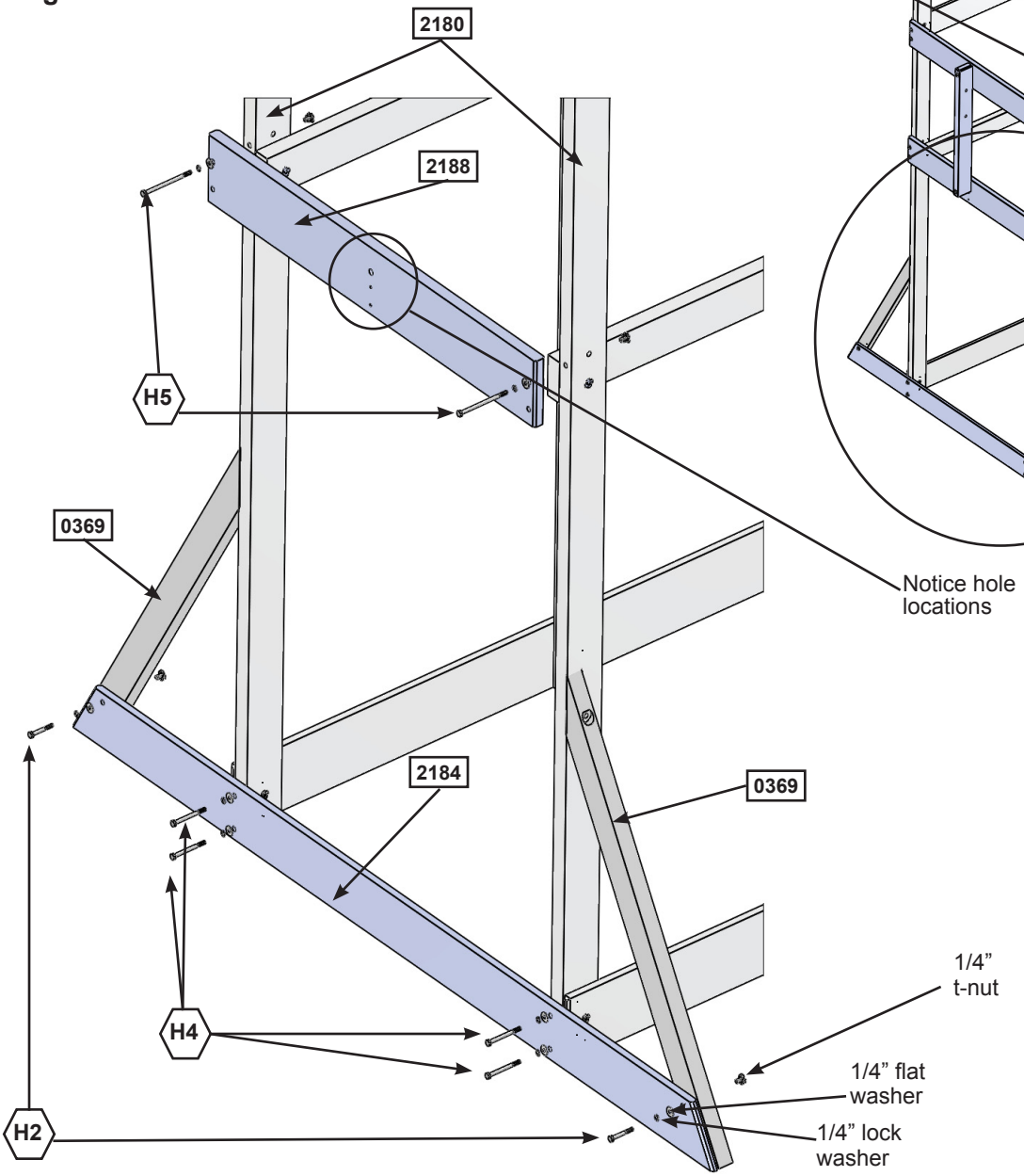


Fig. 10.2



Wood Parts

- 1 x 2184 SW Ground 1 x 5 x 75-3/8"
- 1 x 2188 SW End 5/4 x 6 x 38-1/2"
- 2 x 0369 Lower Diagonal 2 x 3 x 37"

Hardware

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

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Step 10: Swing Wall Assembly
Part 2

C: Above (2188) SW End loosely attach (2196) SW Top to both (2180) Posts using 4 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.3 and 10.4)

D: Loosely attach (2194) SW Mount to (2188) SW End and (2196) SW Top with 2 (G5) 5/16 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.3 and 10.5)

Fig. 10.3

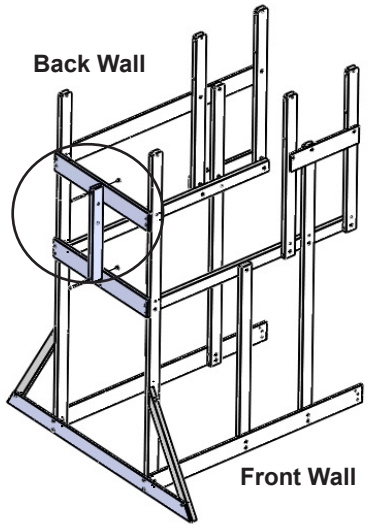


Fig. 10.5

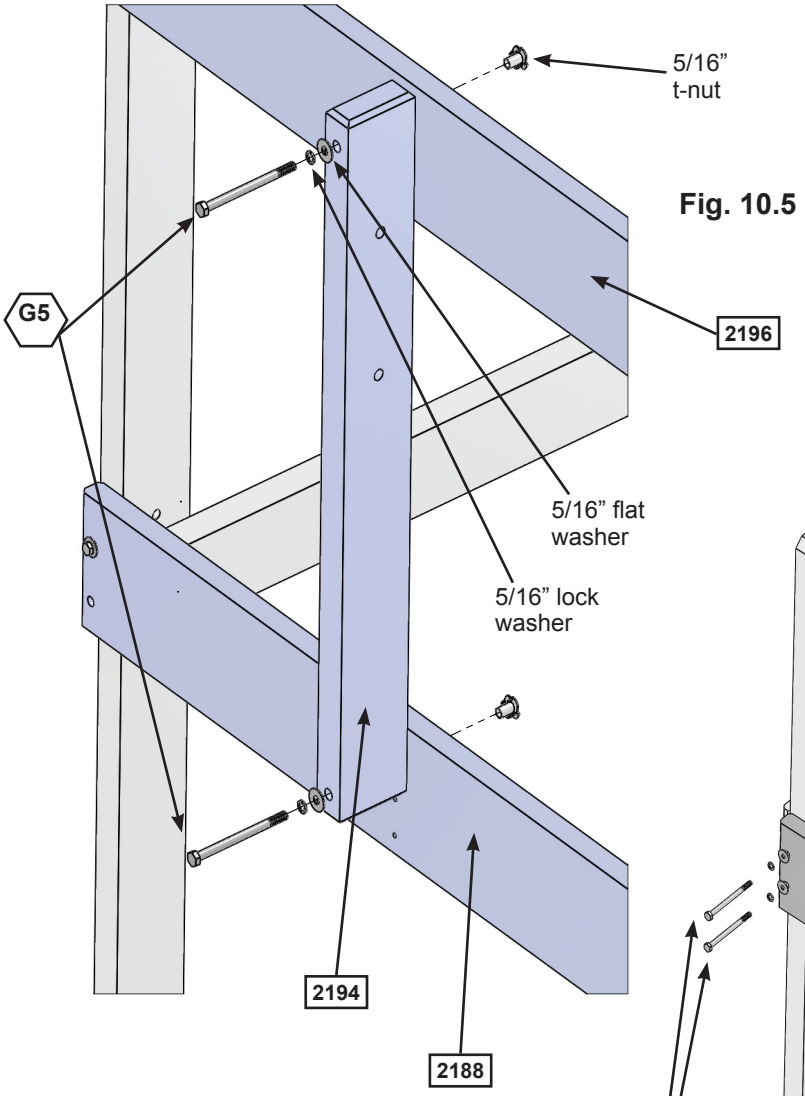
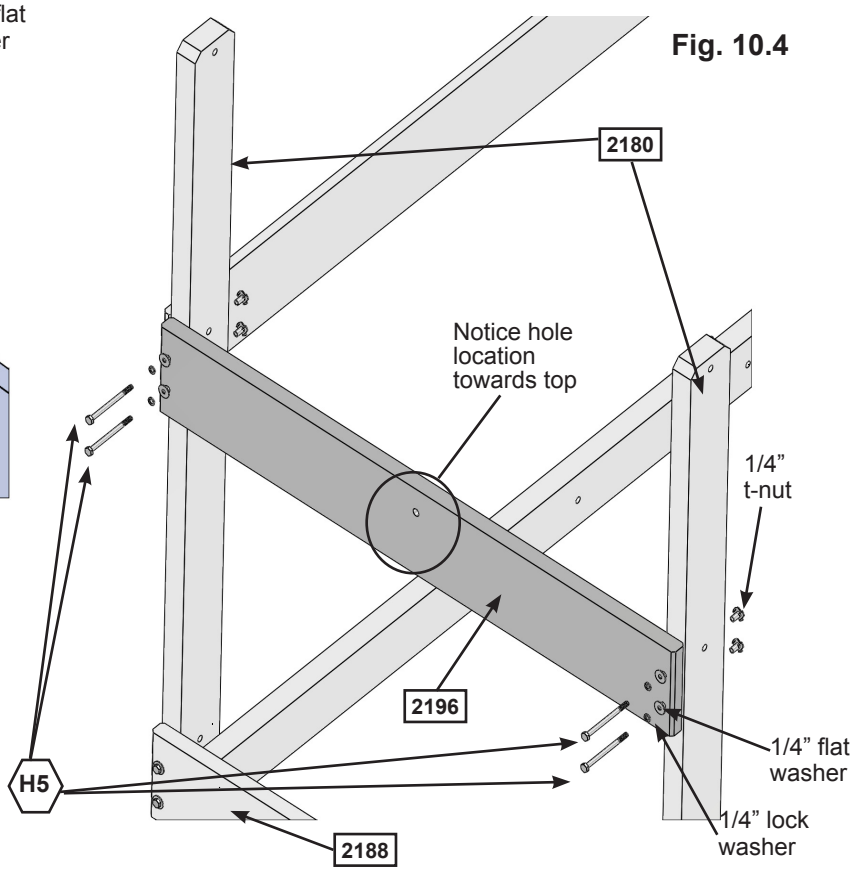


Fig. 10.4



Wood Parts

1 x 2196 **SW Top 5/4 x 6 x 38-1/2"**
1 x 2194 **SW Mount 2 x 4 x 29"**

Hardware

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

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Step 11: Slide Wall Assembly

A: Loosely attach (2189) SL Ground to the outside of each (2182) Mid Post with 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 11.1 and 11.2)

B: With the bolt holes towards the bottom of the board loosely attach (2187) SL End to each outside (2181) Short Post with 2 (H6) 1/4 x 4-3/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 11.1 and 11.3)

Fig. 11.1

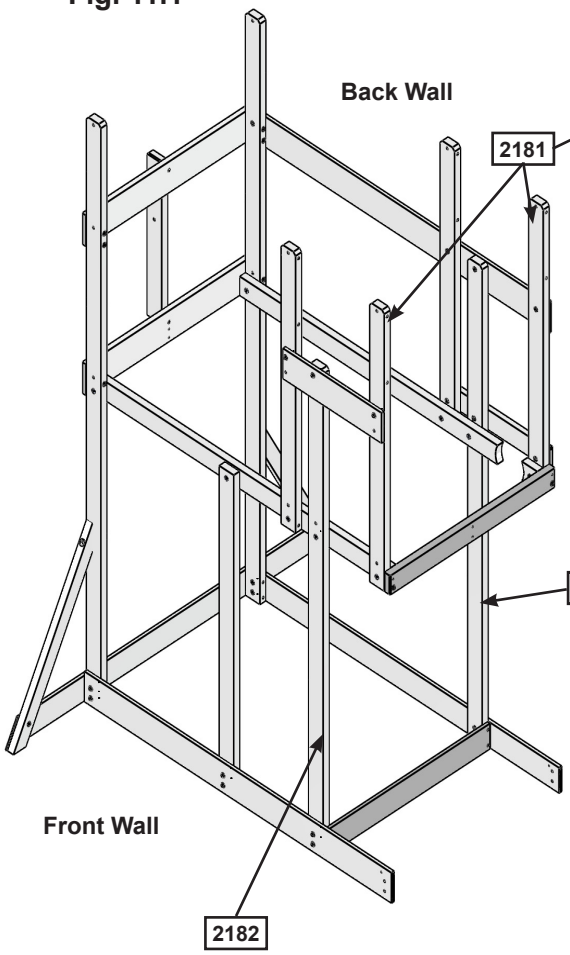


Fig. 11.3

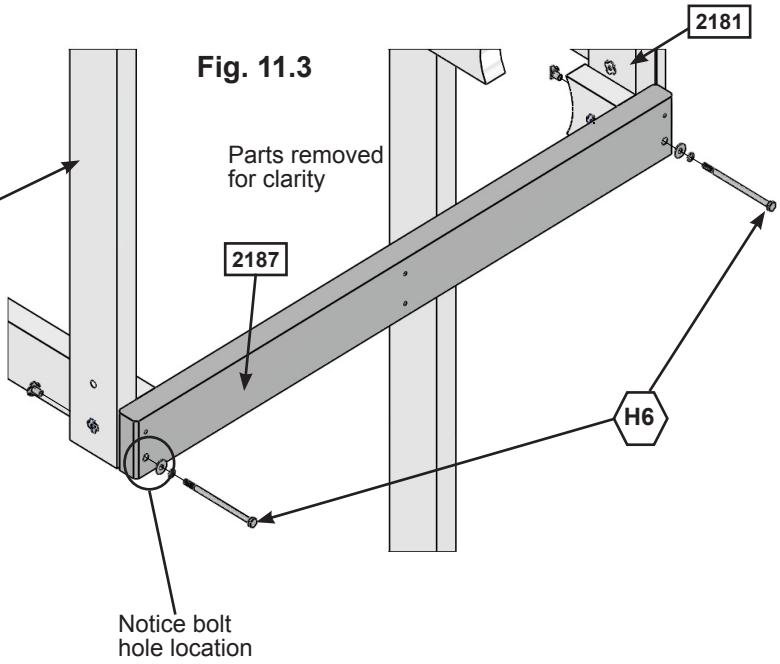
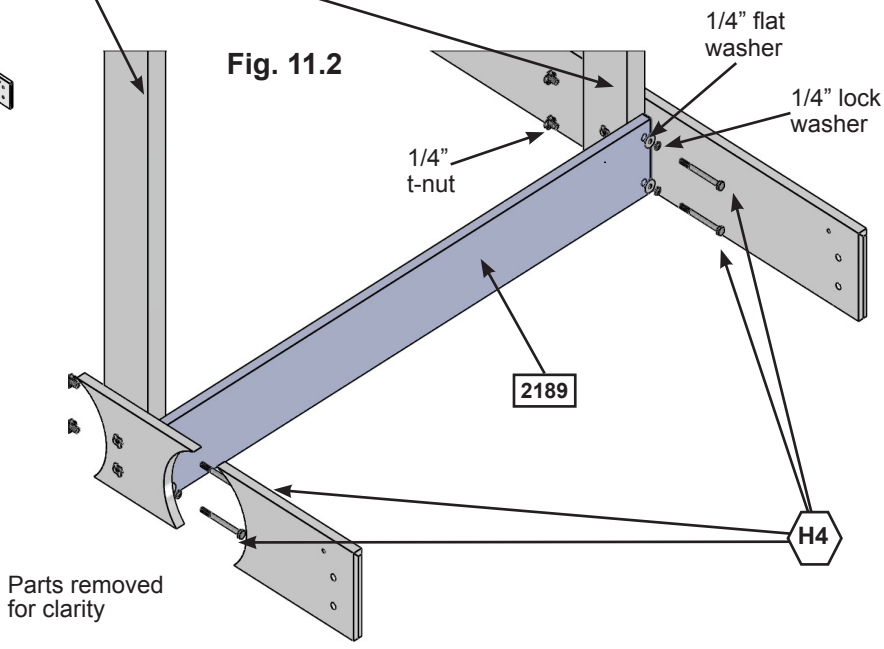


Fig. 11.2



Wood Parts

1 x 2189 SL Ground 1 x 5 x 38-1/2"
1 x 2187 SL End 2 x 4 x 38-1/2"

Hardware

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

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Step 12: Square and Secure Assembly

A: Make sure assembly is square then tighten all bolts from Steps 10 and 11. (fig. 12.1)

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

B: Fasten (2188) SW End to (2180) Posts, in the bottom holes, using 2 (LS3) 1/4 x 3” Lag Screws (with flat washer). (fig. 12.2)

C: Attach the top end of (0369) Lower Diagonal to each (2180) Post with 1 (LS2) 1/4 x 2-1/2” Lag Screw (with flat washer) per diagonal. (fig. 12.2 and 12.3)

Fig. 12.1

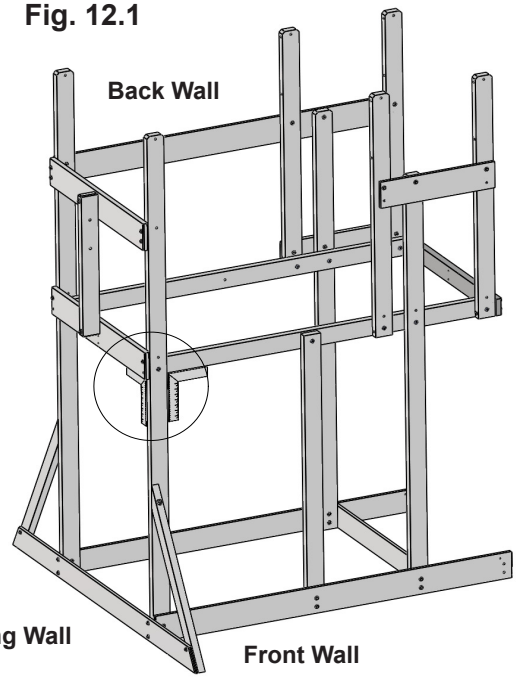


Fig. 12.2

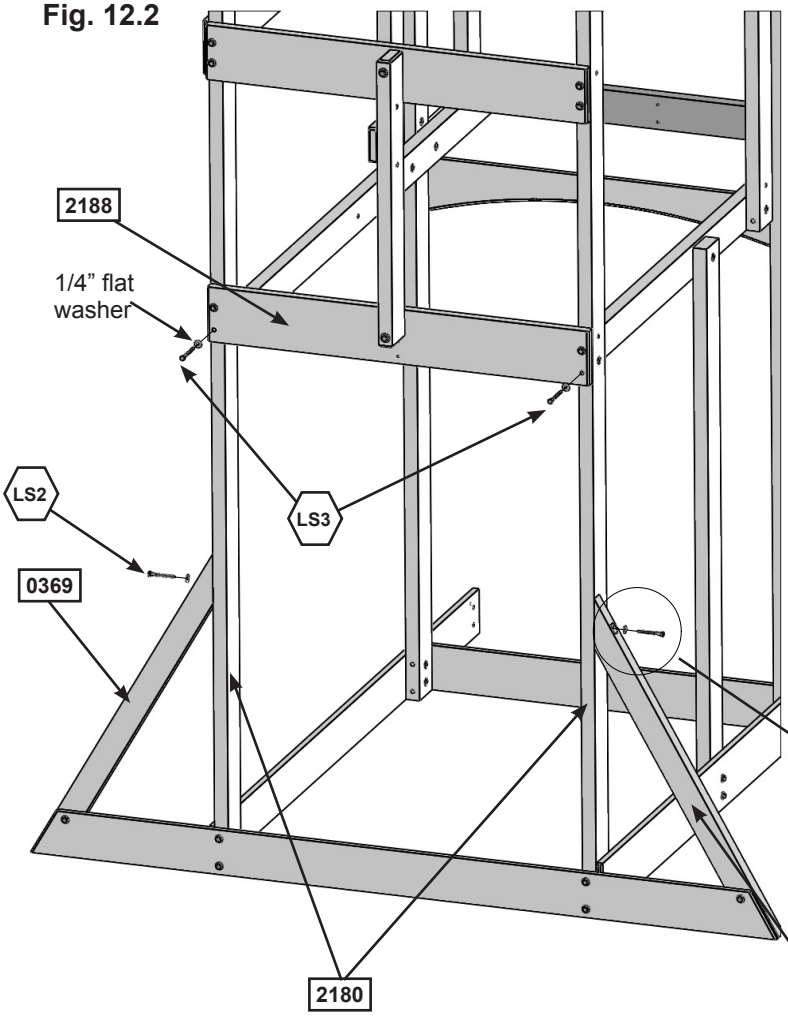
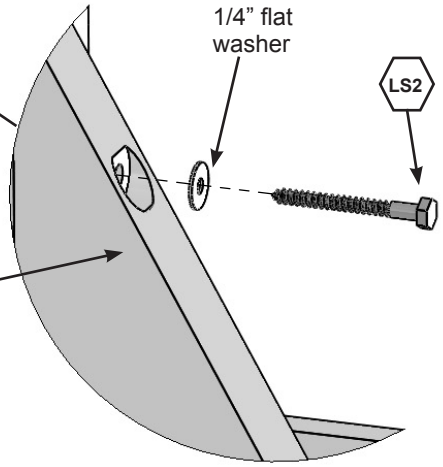


Fig. 12.3



Hardware

2 x LS2 1/4 x 2-1/2” Lag Screw (1/4”flat washer)

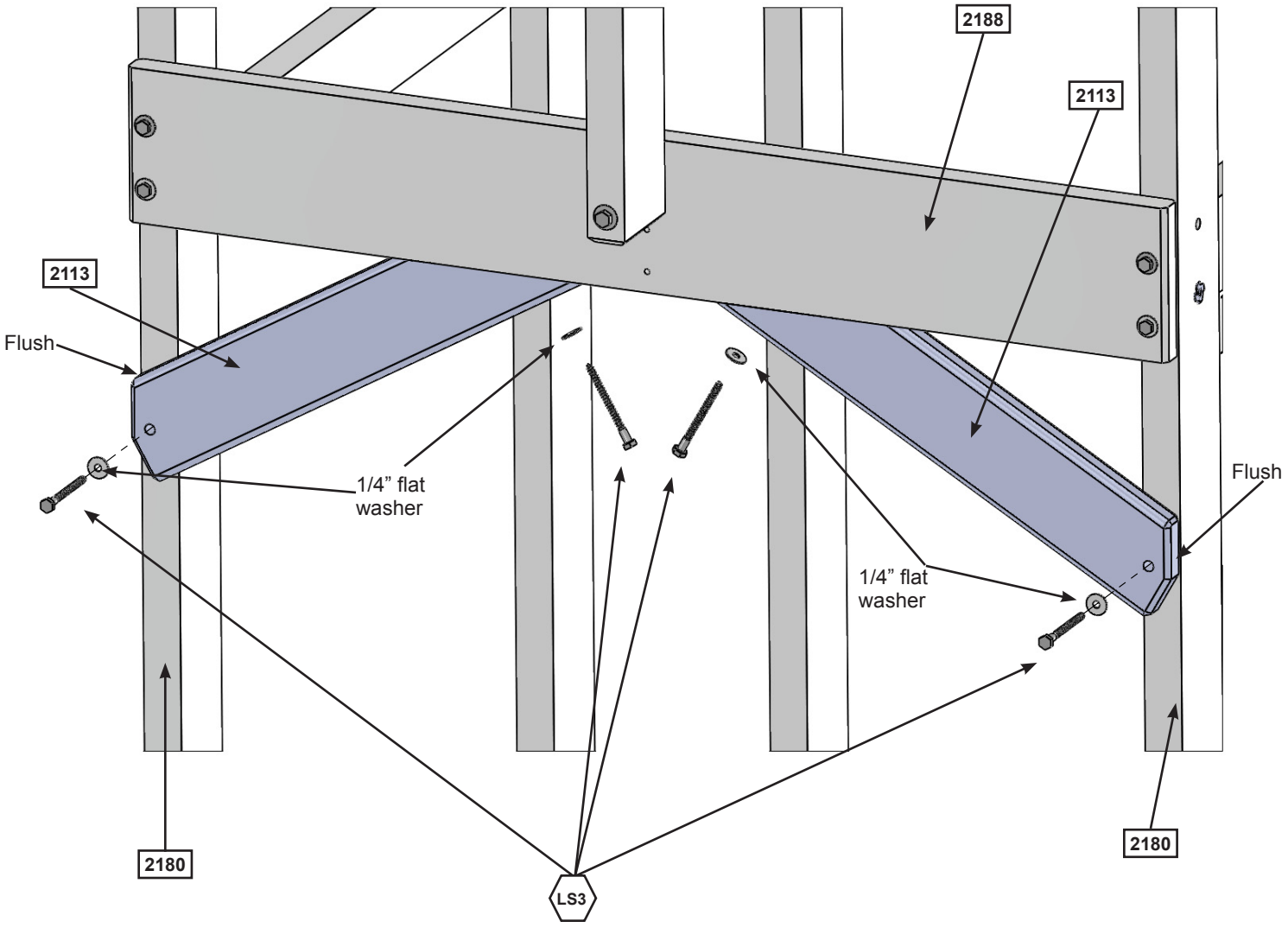
2 x LS3 1/4 x 3” Lag Screw (1/4”flat washer)

Step 13: Attach Swing Wall Gussets

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

A: Tight to the bottom of (2188) SW End and top bevelled edge flush to outside edge of (2180) Posts, attach 1 (2113) Gussett II to each side using 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) per gusset. (fig. 13.1)

Fig. 13.1



Swing Wall

Wood Parts

2 x 2113 **Gusset II 5/4 x 4 x 18-1/2"**

Hardware

4 x LS3 **1/4 x 3" Lag Screw (1/4"flat washer)**

Step 14: Attach SL Arch to Slide Wall

A: Tight to the bottom of each (2164) Floor Support and flush to the outside edges of (2182) Mid Posts attach (2253) SL Arch with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 14.1 and 14.2)

B: Attach (2187) SL End to (2181) Short Posts with 2 (S3) #8 x 2-1/2" Wood Screws in the top holes. (fig. 14.1)

Fig. 14.1

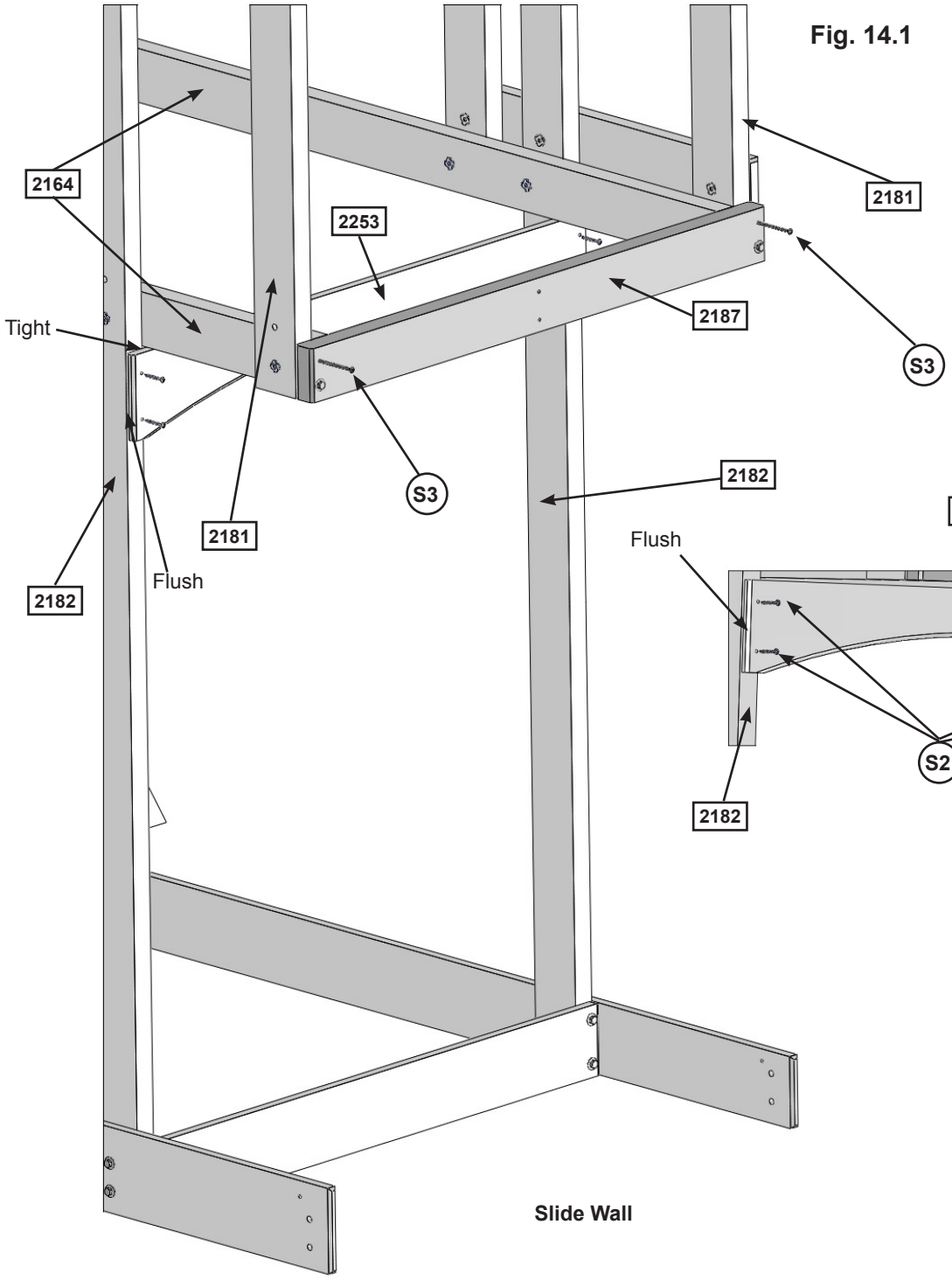
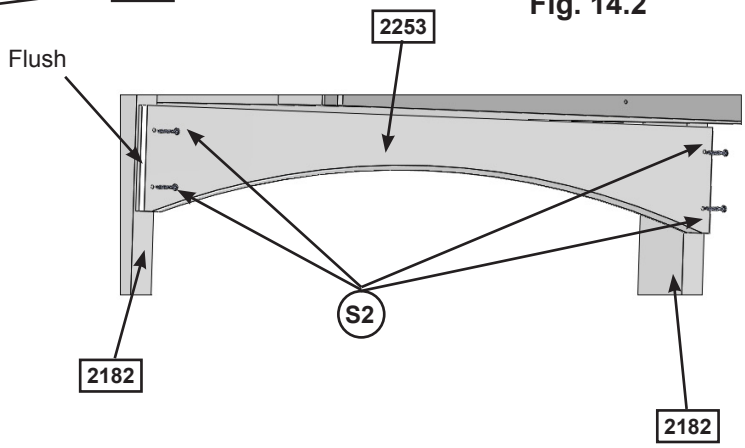


Fig. 14.2



Wood Parts

1 x 2253 SL Arch 1 x 6 x 38-1/2"

Hardware

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

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

Step 15: Attach Slide Wall Gussets

A: Tight and flush to the outside edge of (2182) Mid Post and tight to the bottom of (2181) Short Post attach 1 (2239) Gusset to (2182) Mid Post and (2164) Floor Support on each side of the assembly with 2 (S3) #8 x 2-1/2" Wood Screws per gusset. (fig. 15.1 and 15.2)

Fig. 15.1

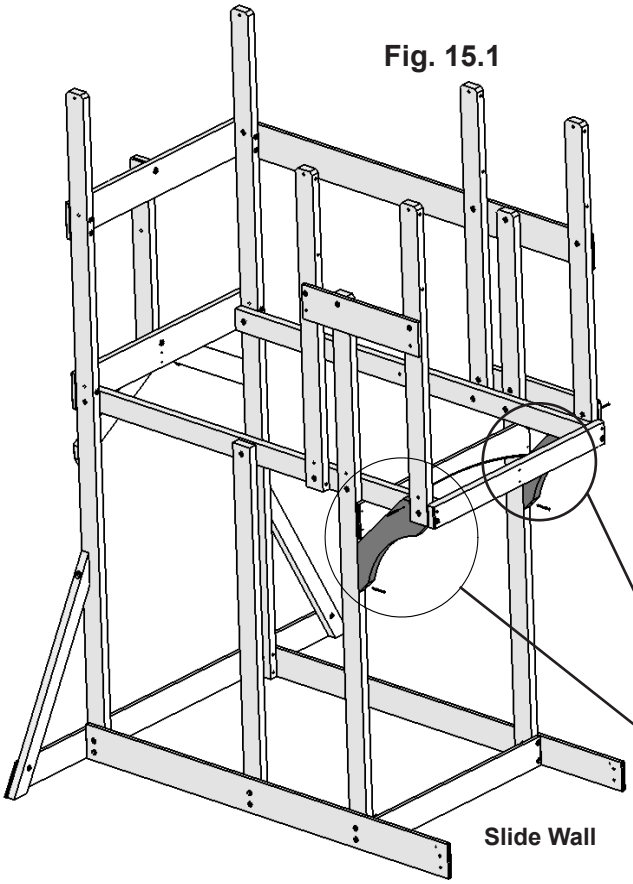
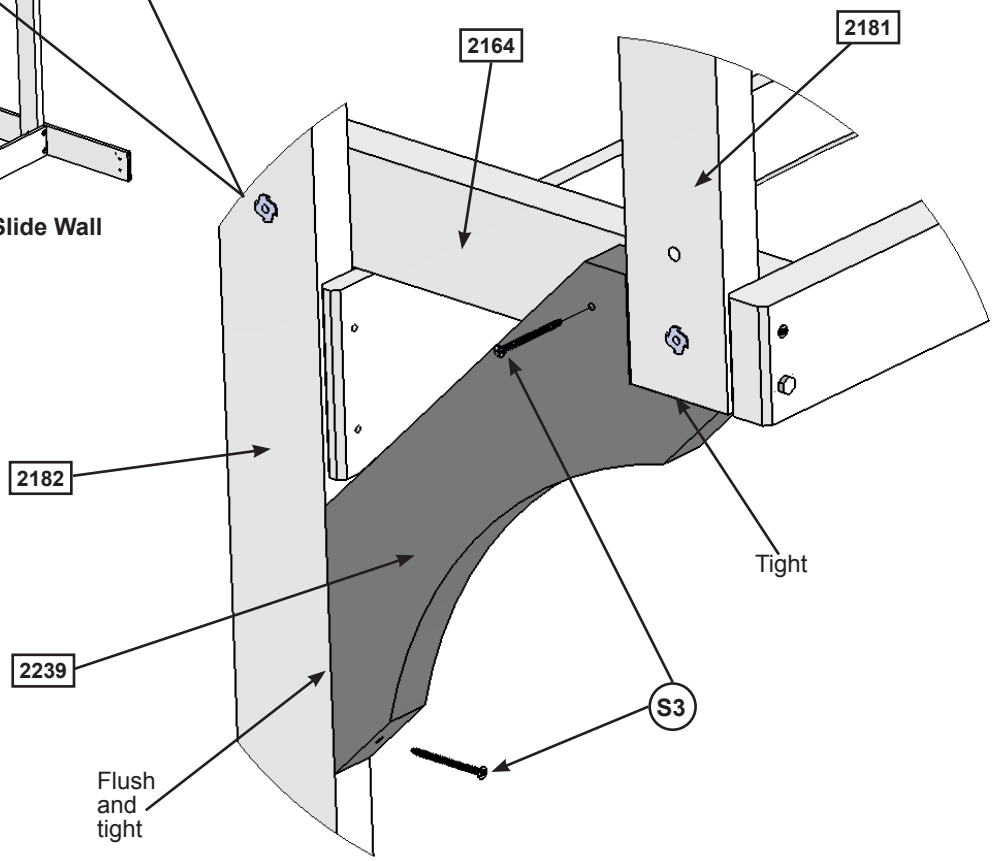


Fig. 15.2



Wood Parts	Hardware
2 x 2239 Gusset 2 x 6 x 19-11/16"	4 x S3 #8 x 2-1/2" Wood Screw

Step 16: 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 Stakes 10-1/2" into the ground at both (0369) Lower Diagonals and 2 on the Slide Wall Side tight to (2182) Mid Post and (2189) SL Ground as shown in fig. 16.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 16.2)

Fig. 16.1

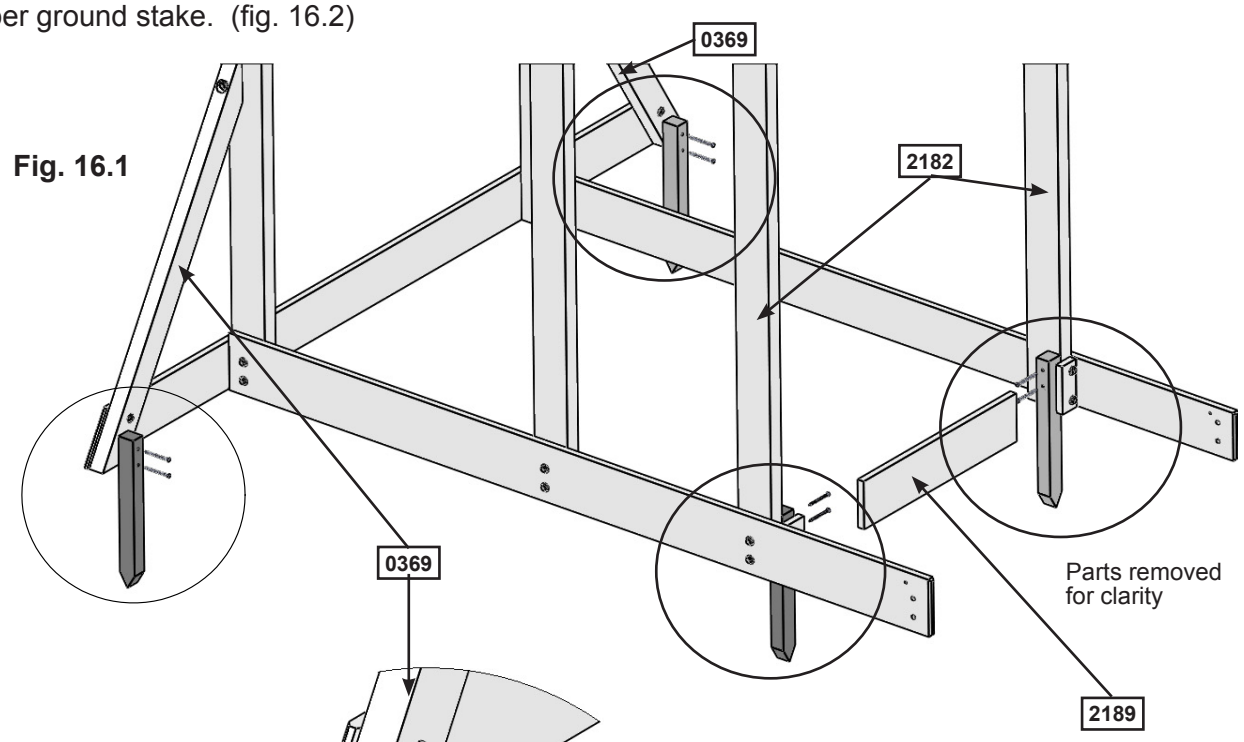
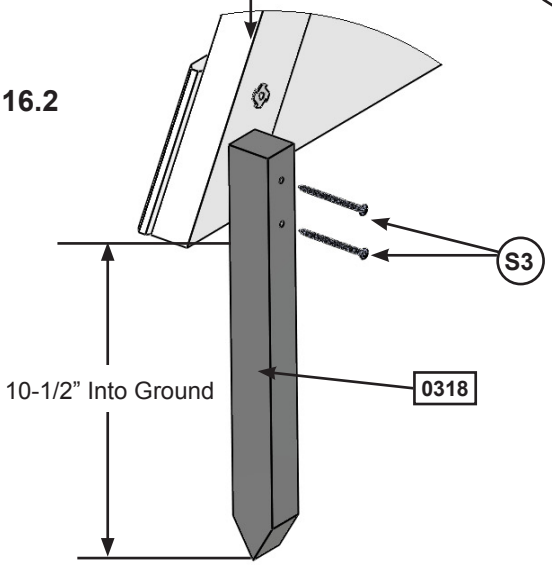


Fig. 16.2



Wood Parts

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

Hardware

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

Step 17: Floor Assembly
Part 1

A: Flush to the bottom of both (2187) SL End and (2188) SW End attach (2165) Joist with 2 (S4) #8 x 3” Wood Screws per end (fig. 17.1 and 17.2)

Fig. 17.1

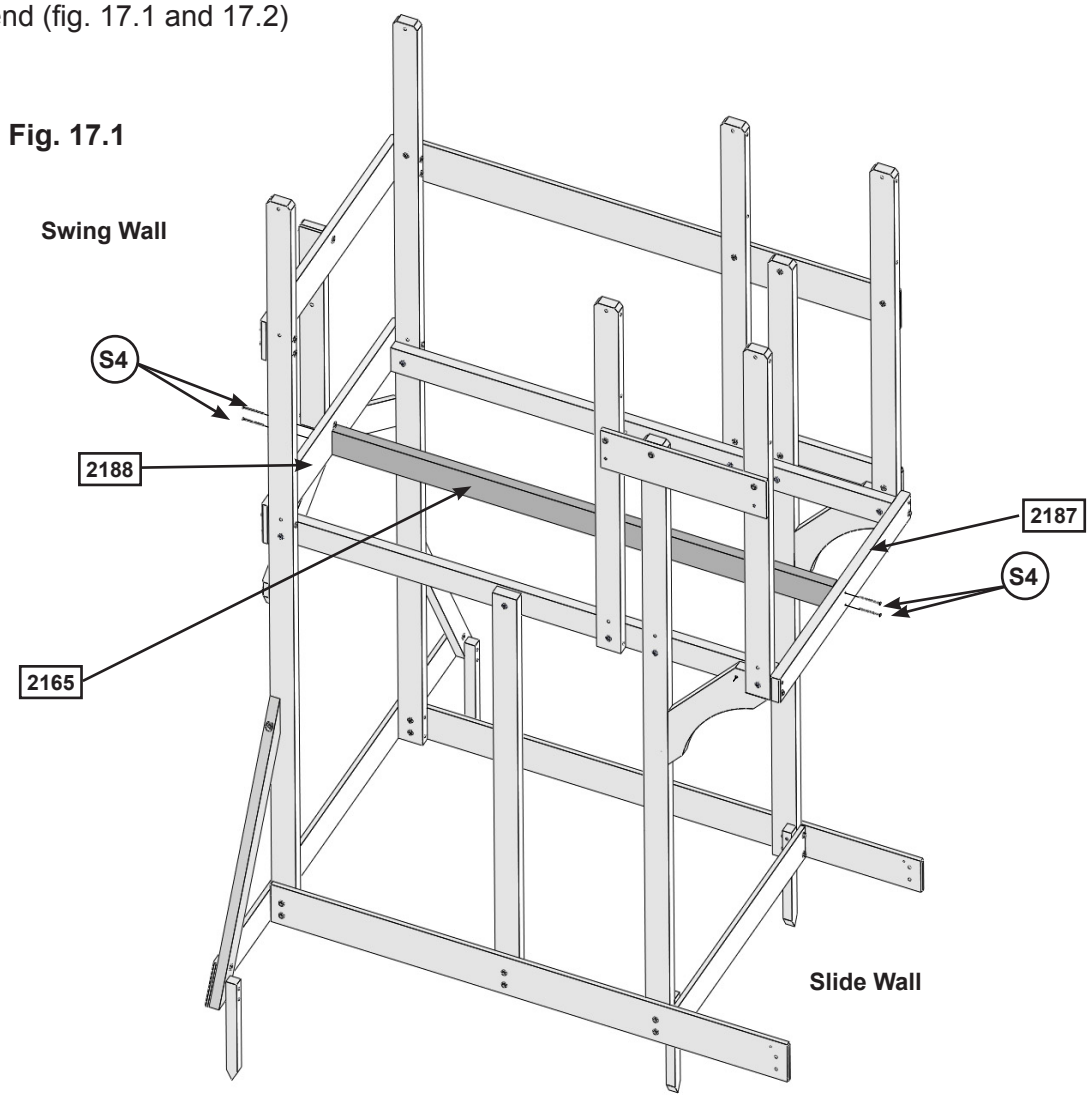
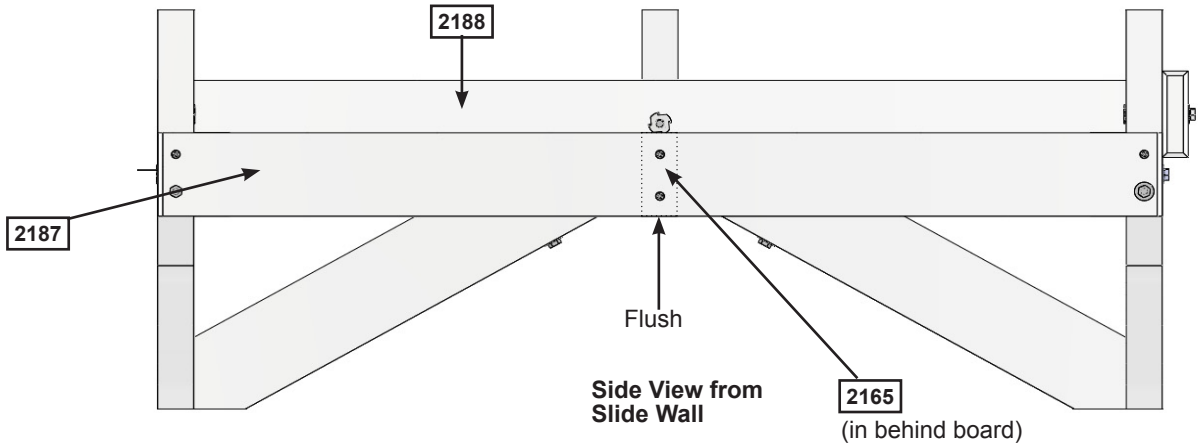


Fig. 17.2



Wood Parts

1 x 2165 Joist 2 x 4 x 69-7/16”

Hardware

4 x S4 #8 x 3” Wood Screw

Step 17: Floor Assembly Part 2

B: Tight to (2188) SW End and between both (2180) Posts attach 1 (2197) Floor Board to each (2164) Floor Support and to (2165) Joist with 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 17.3 and 17.4)

C: Measure 42" from (2197) Floor Board and attach a second (2197) Floor Board to each (2164) Floor Support and to (2165) Joist with 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 17.3 and 17.4)

D: Flush to the end of (2187) SL End and between both outside (2181) Short Posts attach 1 (2197) Floor Board to each (2164) Floor Support and to (2187) SL End, (2165) Joist with 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 17.3 and 17.4)

Fig. 17.3
Top View

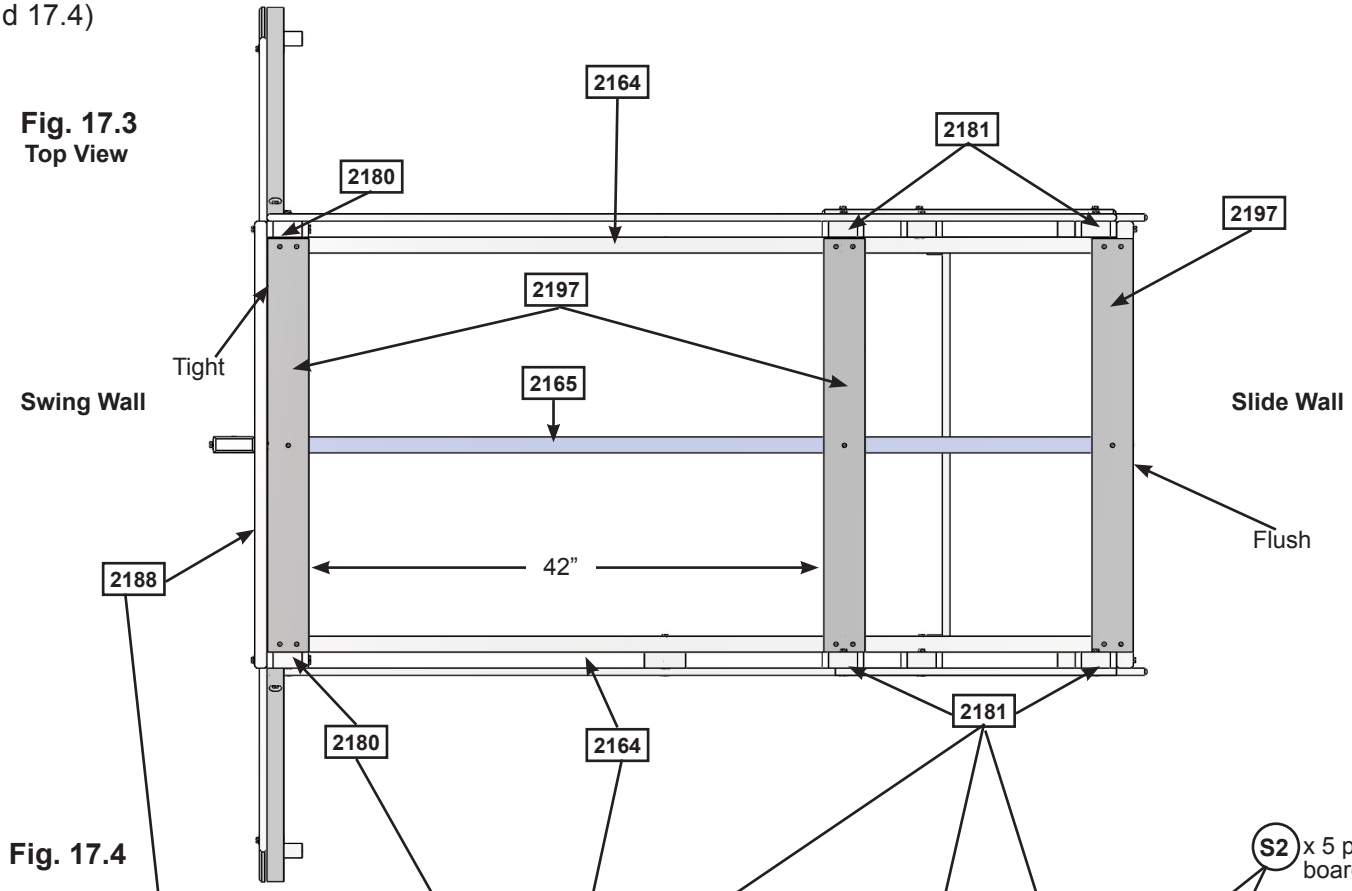
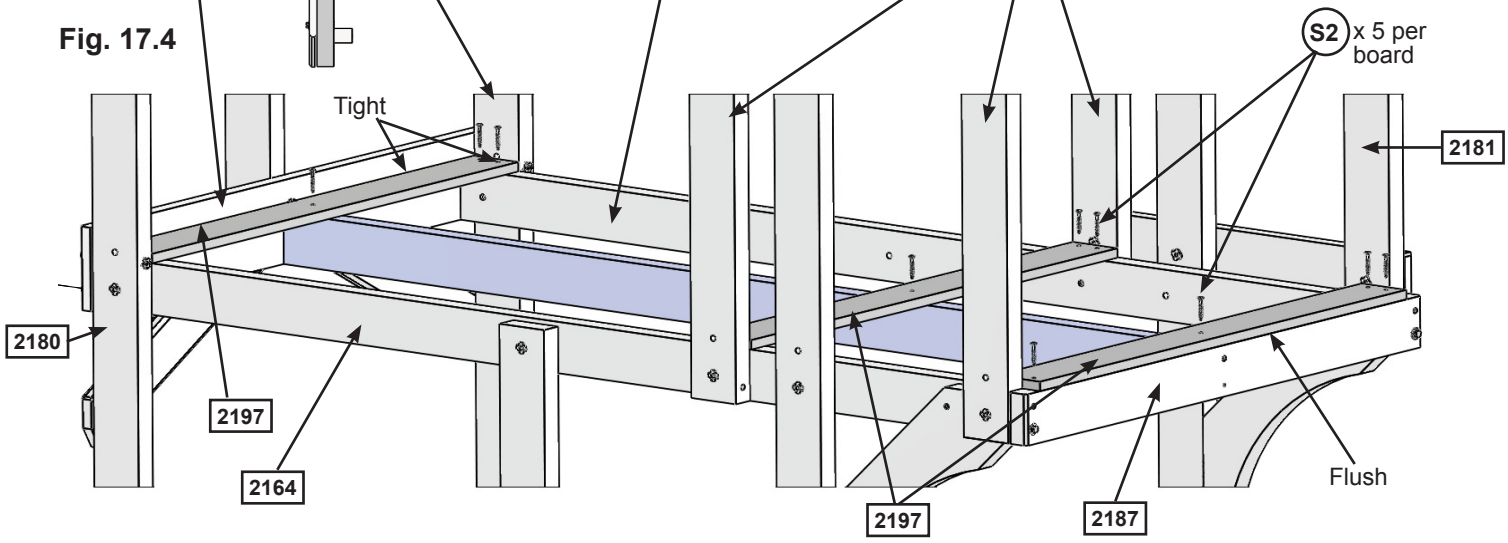


Fig. 17.4



Wood Parts

3 x 2197 **Floor Board 1 x 4 x 35-5/8"**

Hardware

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

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Step 17: Floor Assembly Part 3

E: Starting on the Swing Wall place (2198) Floor Board II tight to (2197) Floor Board and flush to the outside of the Back Wall (2164) Floor Support. (fig. 17.5 and 17.6)

F: Evenly space 7 (2163) Floor Boards between (2198) Floor Board II and the middle (2197) Floor Board, flush to the outside of the Back Wall (2164) Floor Support. (fig. 17.5 and 17.6)

G: All floor boards in this step will overhang on the Front Wall side of the assembly. Attach all 8 boards to each (2164) Floor Support and to (2165) Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 17.6)

Fig. 17.5

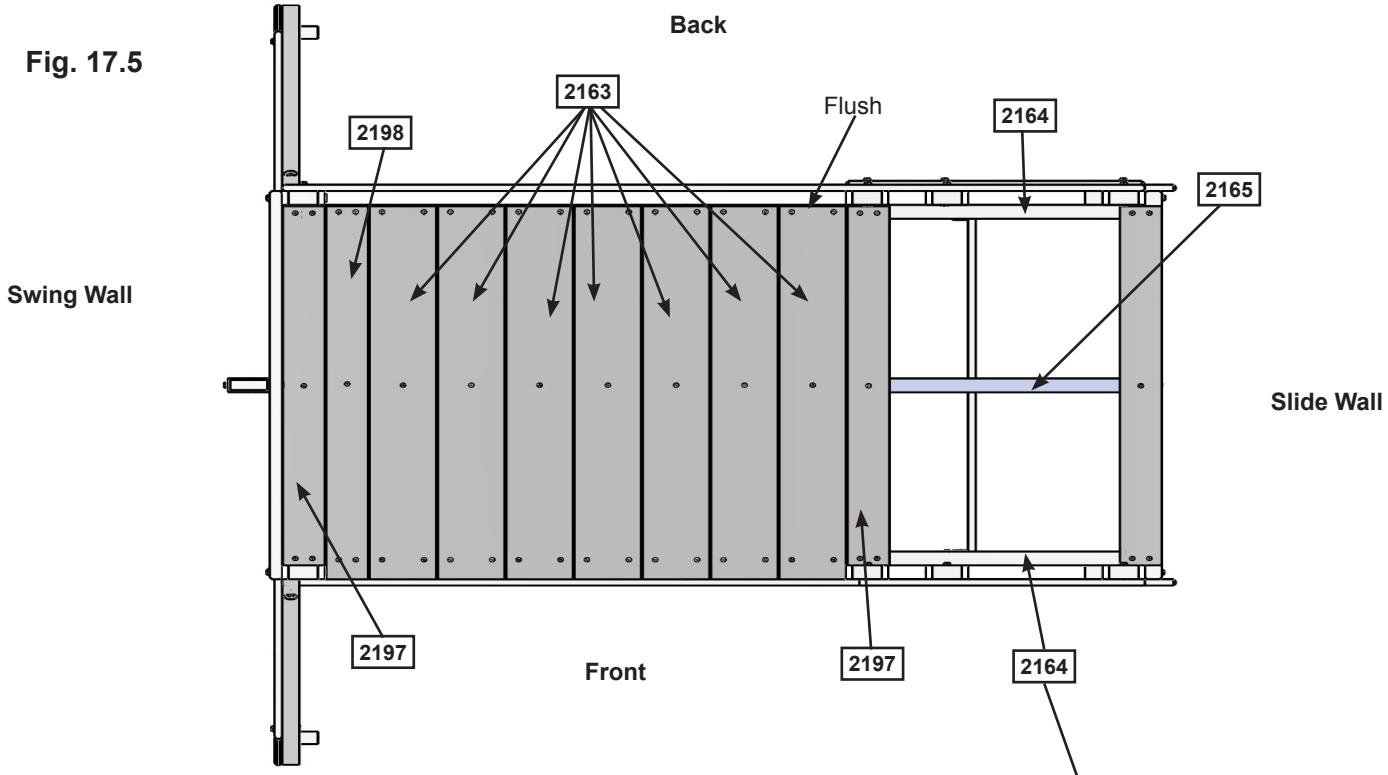
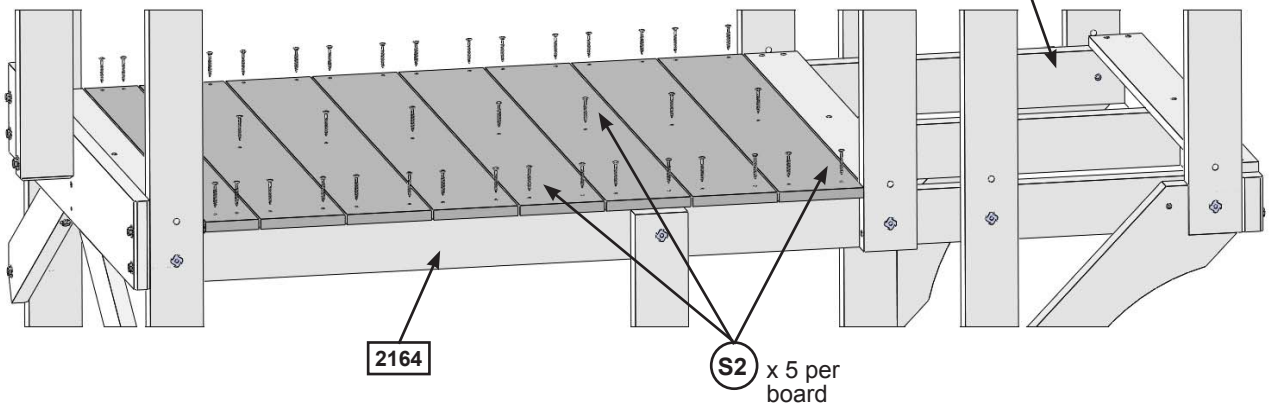


Fig. 17.6



Wood Parts

1 x 2198 Floor Board II 1 x 4 x 37"
7 x 2163 Floor Board 1 x 6 x 37"

Hardware

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

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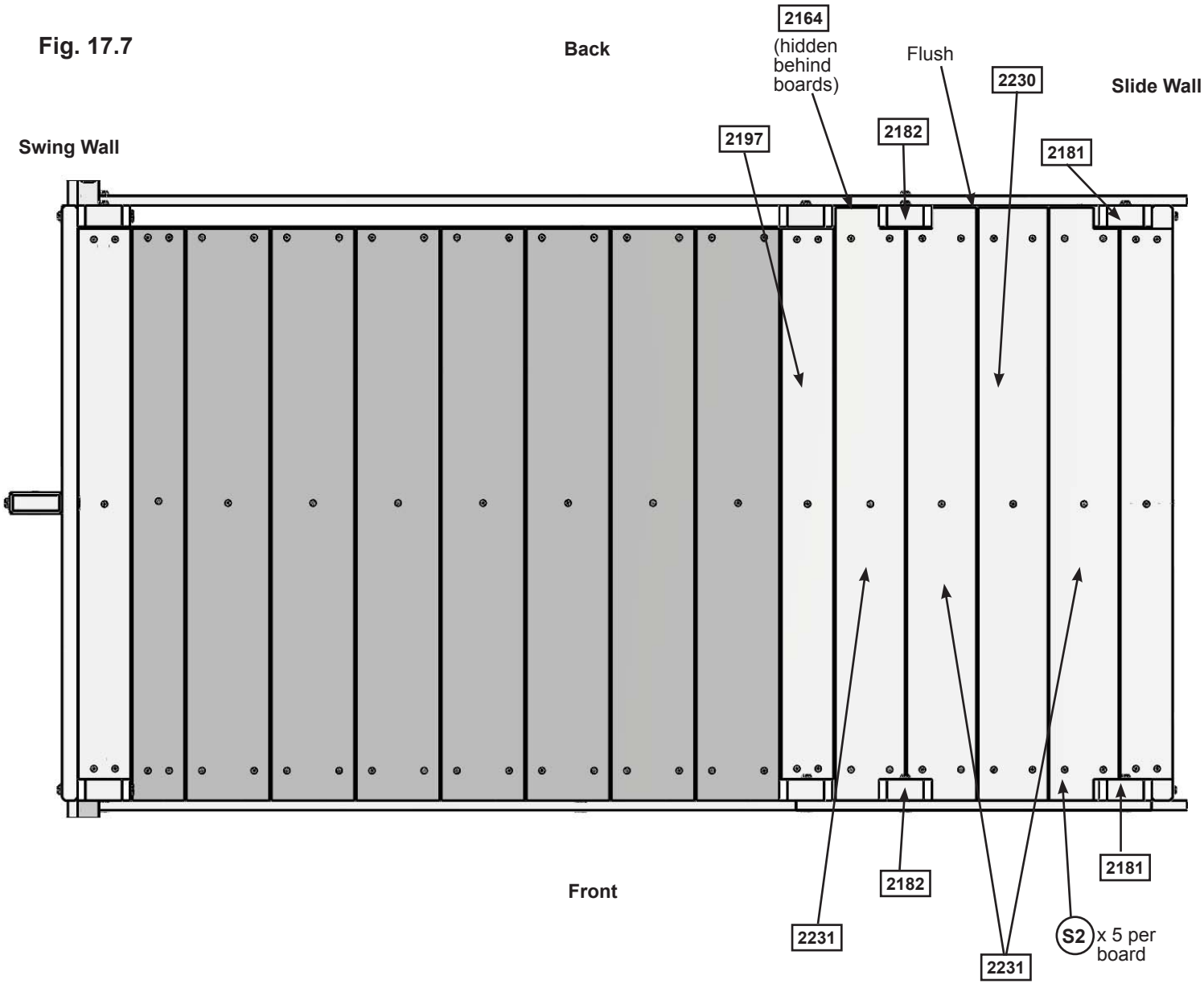
Step 17: Floor Assembly Part 4

H: Next to middle (2197) Floor Board place 2 (2231) Gap Boards flush to the outside of the Back Wall (2164) Floor Support so the notched out corners surround each (2182) Mid Post. (fig. 17.7)

I: Next to (2231) Gap Board place (2230) Floor Board III flush to the outside of the Back Wall (2164) Floor Support, then place a third (2231) Gap Board so the notched out corners fit against both outside (2181) Short Posts. (fig. 17.7)

J: All boards in this step will overhang on the Front Wall side of the assembly. Attach all 4 boards to each (2164) Floor Support and to (2165) Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 17.7)

Fig. 17.7



Wood Parts

3 x 2231 Gap Board 1 x 5 x 38-3/8"

1 x 2230 Floor Board III 1 x 5 x 38-3/8"

Hardware

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

Step 18: Door Wall Assembly Part 1

A: Measure the distance between (2179) Door Post and (2182) Mid Post to make sure it is 17-1/2". If it does not meet this measurement loosen all bolts in (2179) Door Post and (2182) Mid Post, move posts until you achieve this measurement then re-tighten the bolts. (fig. 18.1)

B: On the Front Wall attach (2186) Back Front Wall to (2180) Post, (2182) Mid Post and to both (2181) Short Posts with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and previously installed t-nut) and 2 (S2) #8 x 1-1/2" Wood Screws as shown in fig. 18.2 and 18.3. Notice the screw holes are towards the bottom of the board.

Fig. 18.1

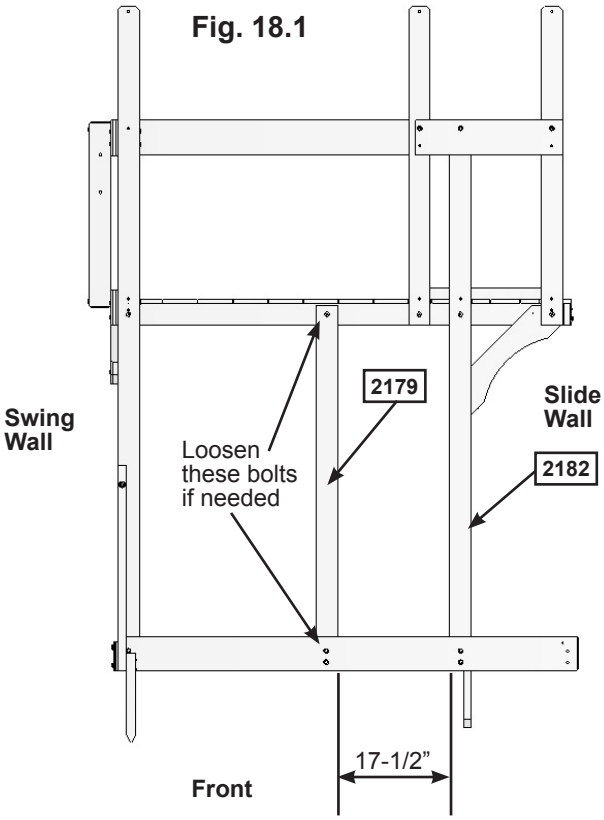
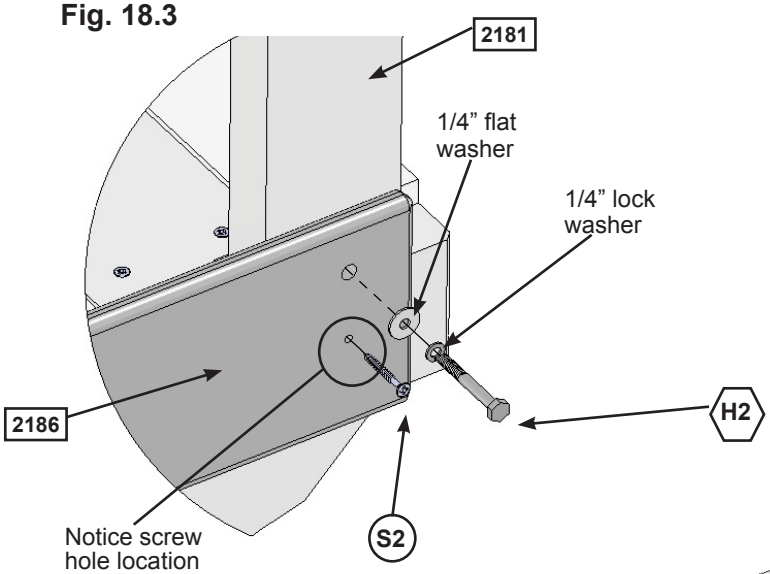


Fig. 18.3



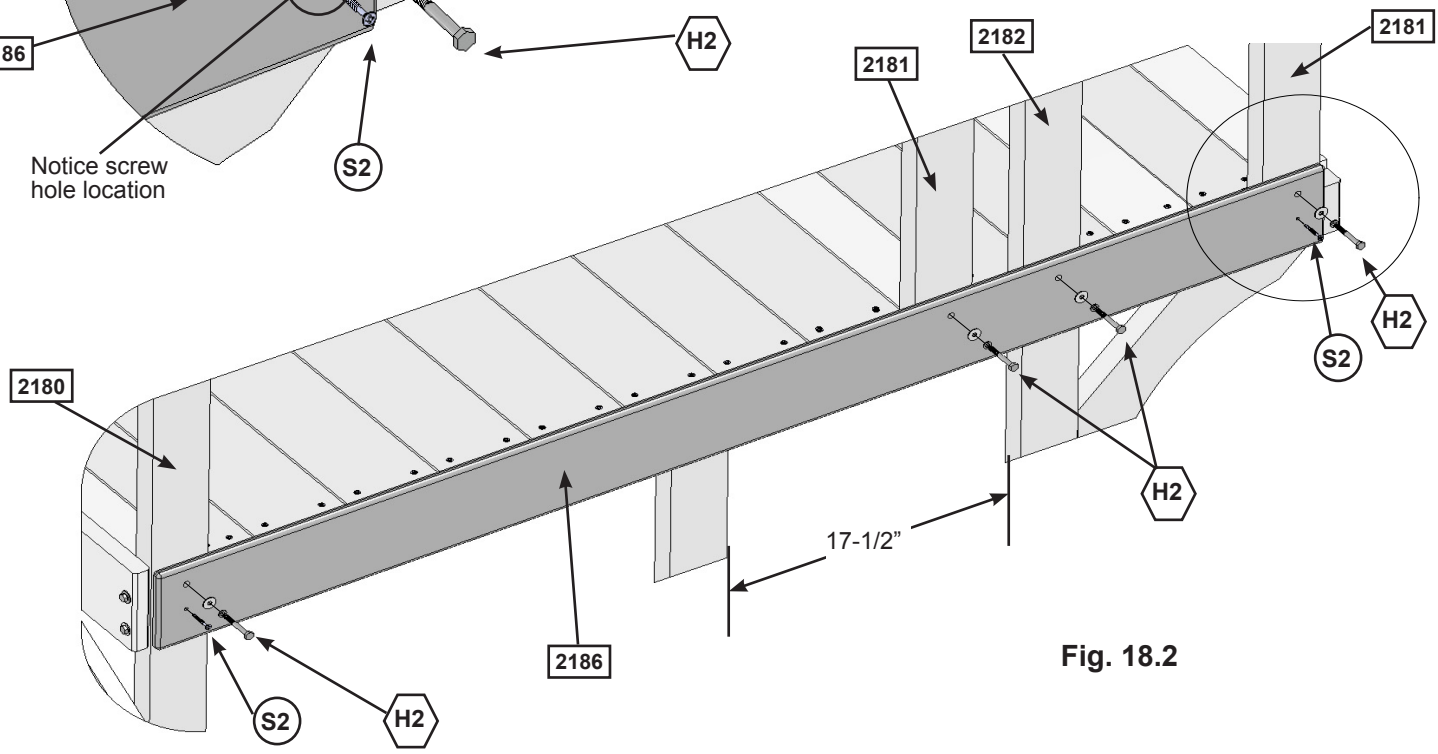


Fig. 18.2

Wood Parts

1 x 2186 **Back Front Wall 1 x 6 x 69-1/2"**

Hardware

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

4 x H2 **1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, previously installed 1/4" t-nut)**

Step 18: Door Wall Assembly Part 2

C: Tight to the bottom of (2186) Back Front Wall and flush to the outside edges of (2180) Post and (2182) Mid Post attach (2166) Door Arch to (2180) Post, (2179) Door Post and (2182) Mid Post with 6 (S2) #8 x 1-1/2” Wood Screws. (fig. 18.4)

D: In the opening for the door between (2179) Door Post and (2182) Mid Post, measure 5/8” up from the top of (2178) Ground Front then attach remaining side of the Door Hinges on (8197) Door Panel to (2182) Mid Post with 3 (S13) #6 x 5/8” Pan Screws per hinge. (fig. 18.4 and 18.5)

Fig. 18.5

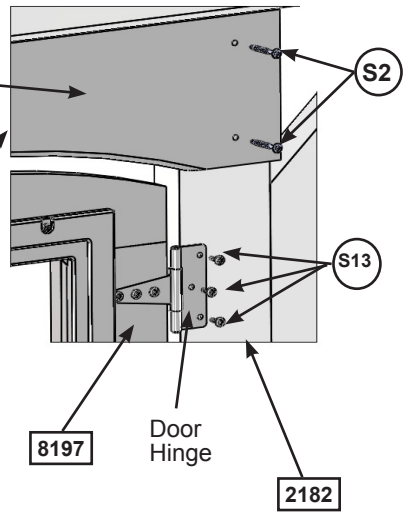
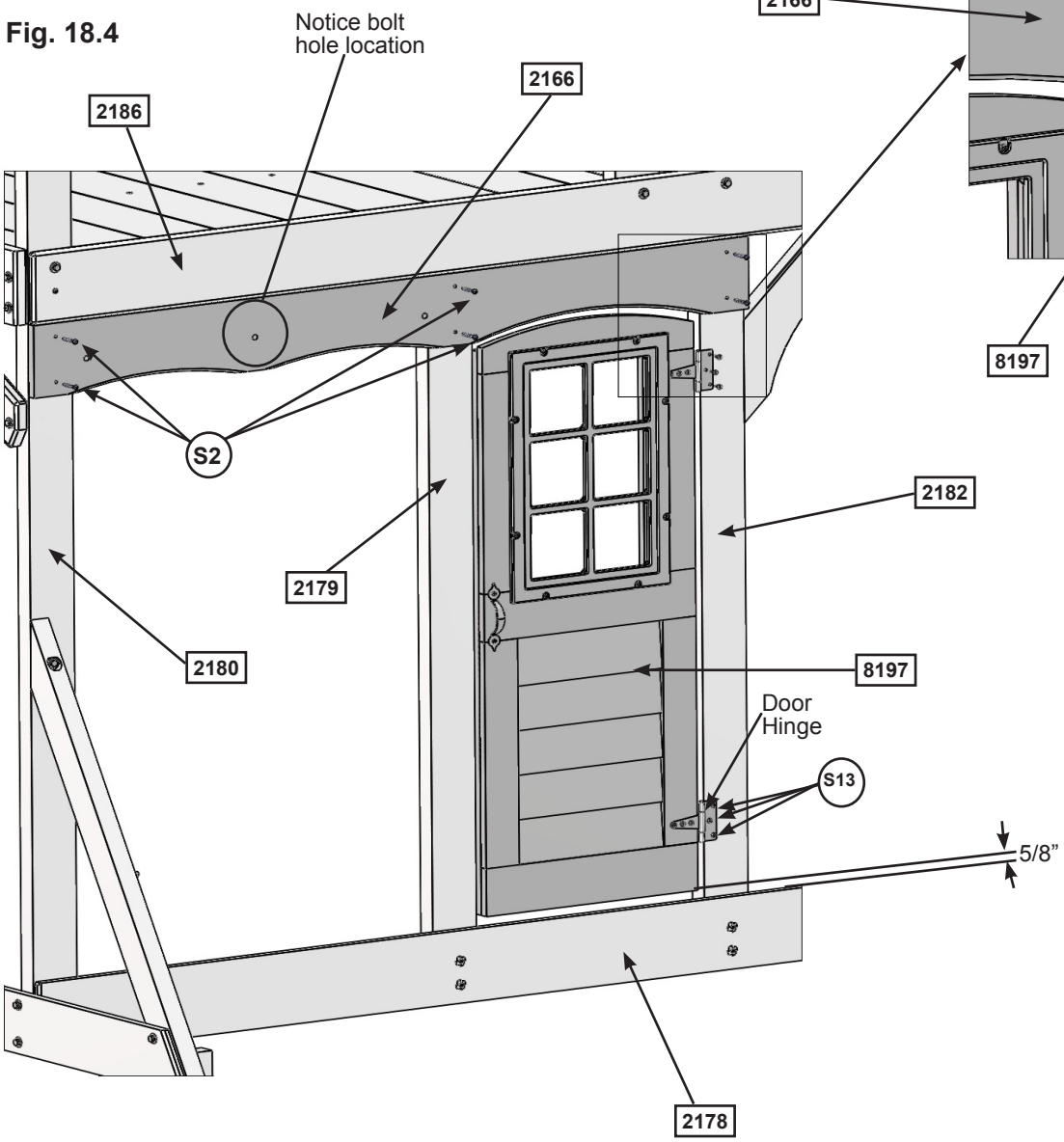


Fig. 18.4



Wood Parts

1 x 2166 Door Arch 1 x 6 x 55-1/4”

Hardware

6 x S2 #8 x 1-1/2” Wood Screw

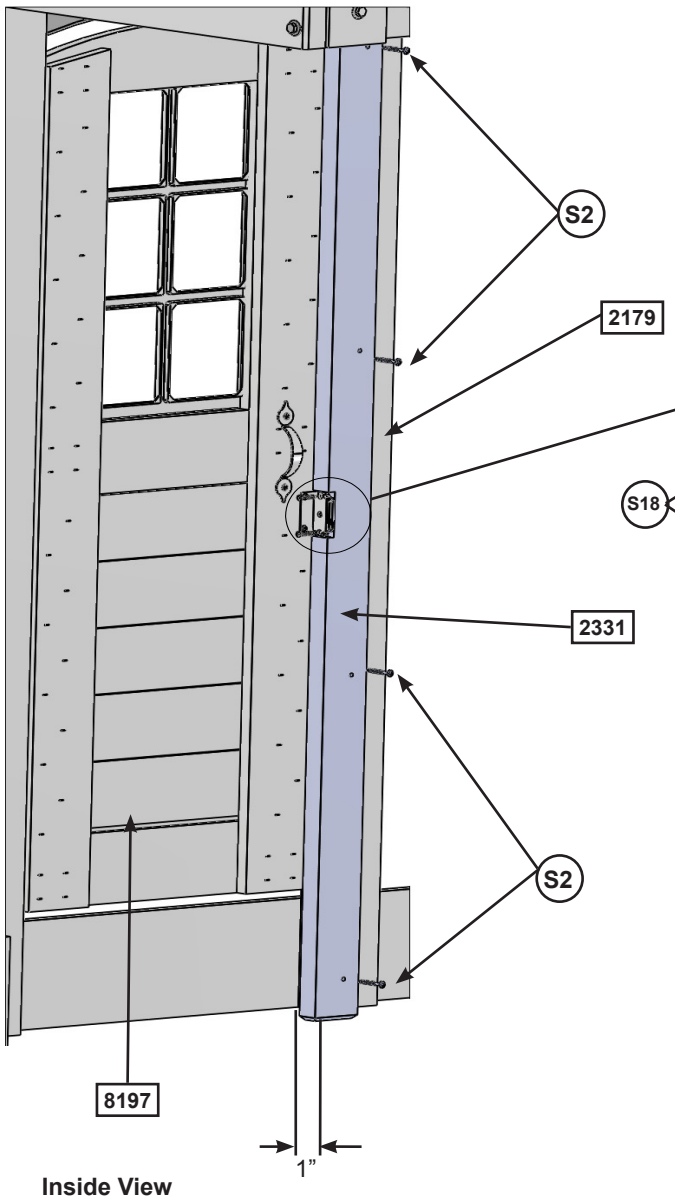
6 x S13 #6 x 5/8” Pan Screw

Step 18: Door Wall Assembly Part 3

E: Align the notched out section of (2331) Door Stop with the Catch Plate on (8197) Door Panel then attach (2331) Door Stop to (2179) Door Post with 4 (S2) #8 x 1-1/2" Wood Screws so (2331) Door Stop overhangs the post by 1". (fig. 18.6)

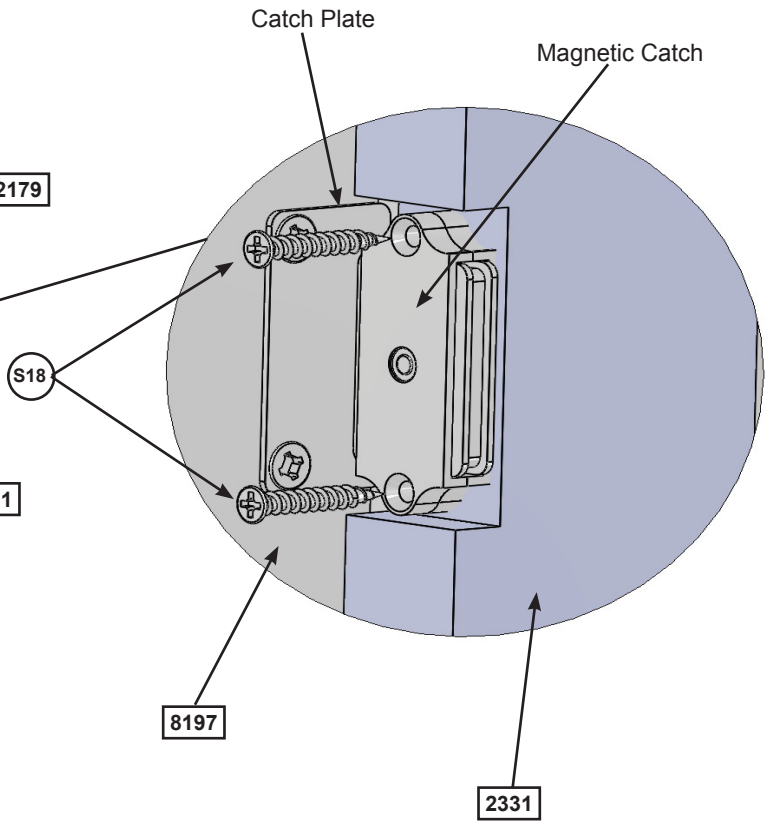
F: In the notched out opening of (2331) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 18.7) **Important: Use a hand held screw driver and DO NOT over tighten.**

Fig. 18.6



Inside View

Fig. 18.7

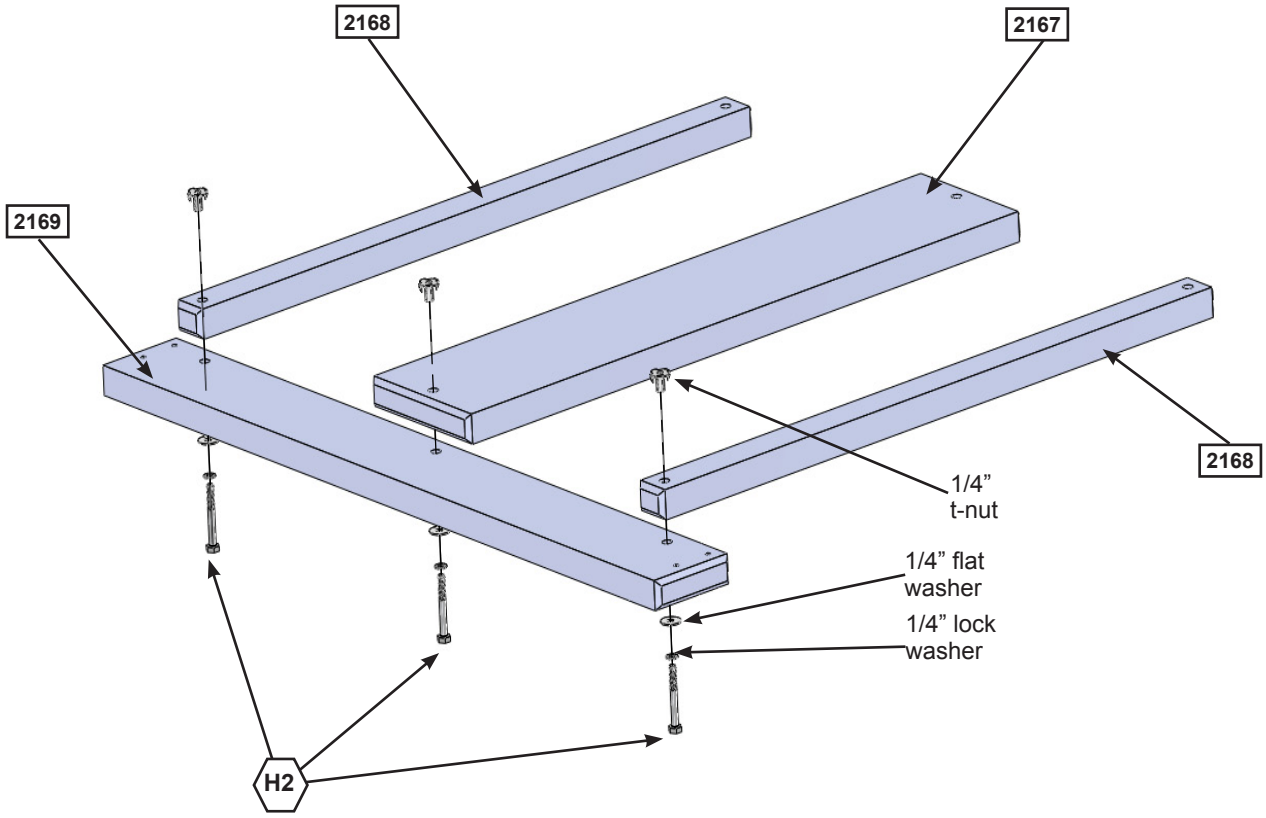


Wood Parts	Hardware	Other Parts
1 x 2331 Door Stop 5/4 x 3 x 50"	4 x S2 #8 x 1-1/2" Wood Screw 2 x S18 #6 x 1" Wood Screw	1 x Magnetic Catch

Step 18: Door Wall Assembly Part 4

G: Loosely attach 2 (2168) Window Sides and 1 (2167) Window Divider to (2169) Window Bottom with 1 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut) per board as shown in fig. 18.8.

Fig. 18.8



Wood Parts

- 2 x 2168 Window Side 5/4 x 2 x 26-1/2”
- 1 x 2167 Window Divider 5/4 x 6 x 26-1/2”
- 1 x 2169 Window Bottom 5/4 x 4 x 31-1/2”

Hardware

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

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Step 18: Door Wall Assembly
Part 5

H: Attach both (2168) Window Sides and (2167) Window Divider to the inside of (2166) Door Arch with 1 (H1) 1/4 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per board as shown in fig. 18.9. (2169) Window Bottom is on the outside of (2180) Post and (2179) Door Post.

I: Place 1 2x3 Panel Window in each opening between (2168) Window Sides and (2167) Window Divider. Make sure (2169) Window Bottom is tight to the bottom of each window then tighen the (H2) Hex Bolts from Step G. (fig. 18.10)

J: Fasten both windows to (2168) Window Sides and (2167) Window Divider with 6 (S1) #8 x 1-1/8" Wood Screws per window. (fig. 18.10)

K: Attach (2169) Window Bottom to (2180) Post and (2179) Door Post with 4 (S7) #12 x 2" Pan Screws. (fig. 18.10)

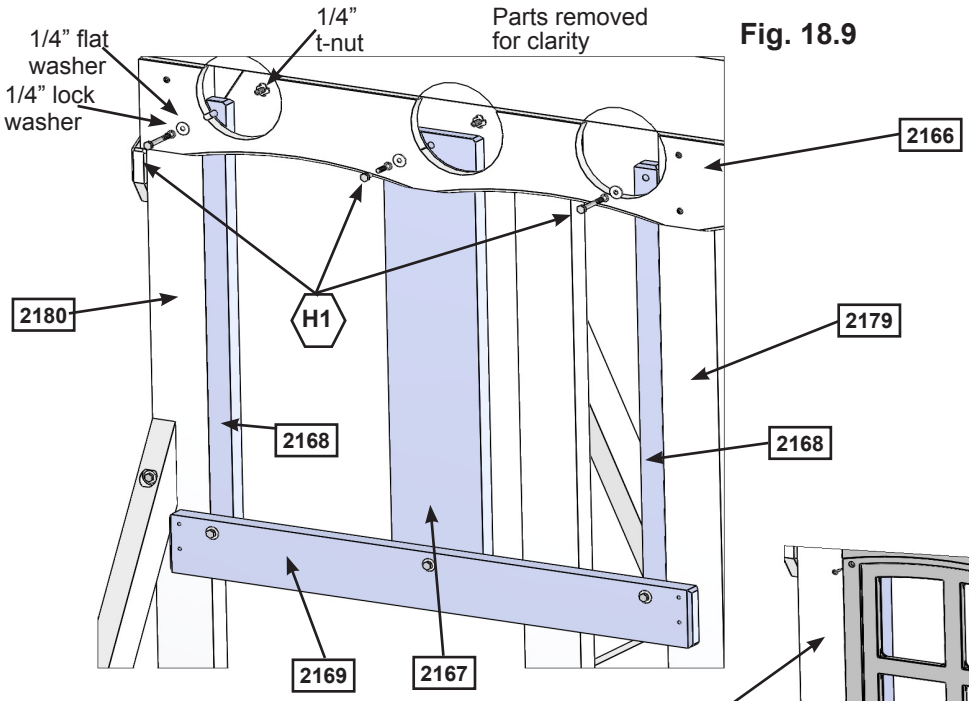

Fig. 18.9

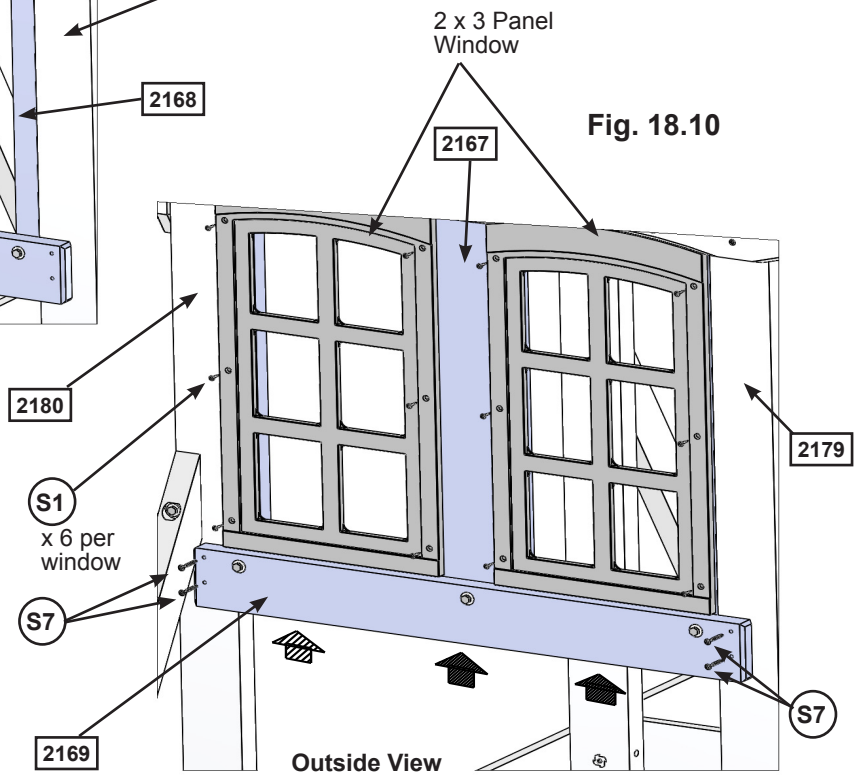

Fig. 18.10

Hardware

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

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

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

Other Parts

2 x 2x3 Panel Window

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Step 18: Door Wall Assembly
Part 6

L: Bend the short sides of the Faux Stone Panel flanges (measuring 20”) to a 90° angle to ensure a good fit. (fig 18.12 and 18.13)

M: From the inside of the assembly, place Faux Stone Panel in opening between (2180) Post and (2179) Door Post, and tight against (2178) Ground Front and (2169) Window Bottom. Attach using 5 (S13) #6 x 5/8” Pan Screws per top and bottom, and 4 (S13) #6 x 5/8” Pan Screws per side. (fig 18.11 and 18.12)

Fig. 18.11

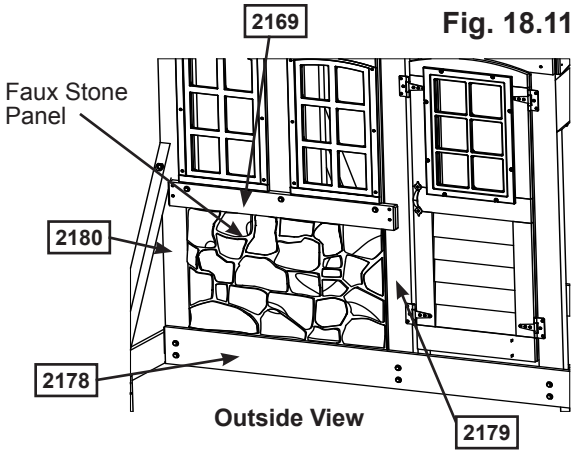


Fig. 18.13

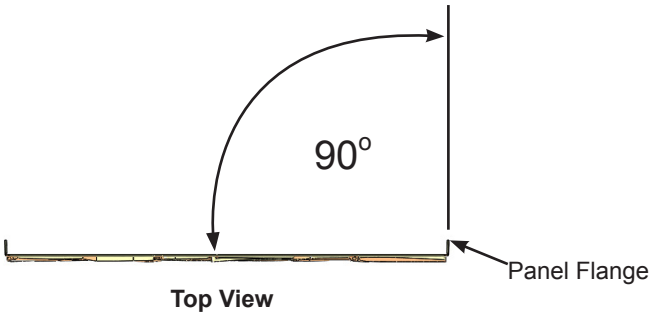
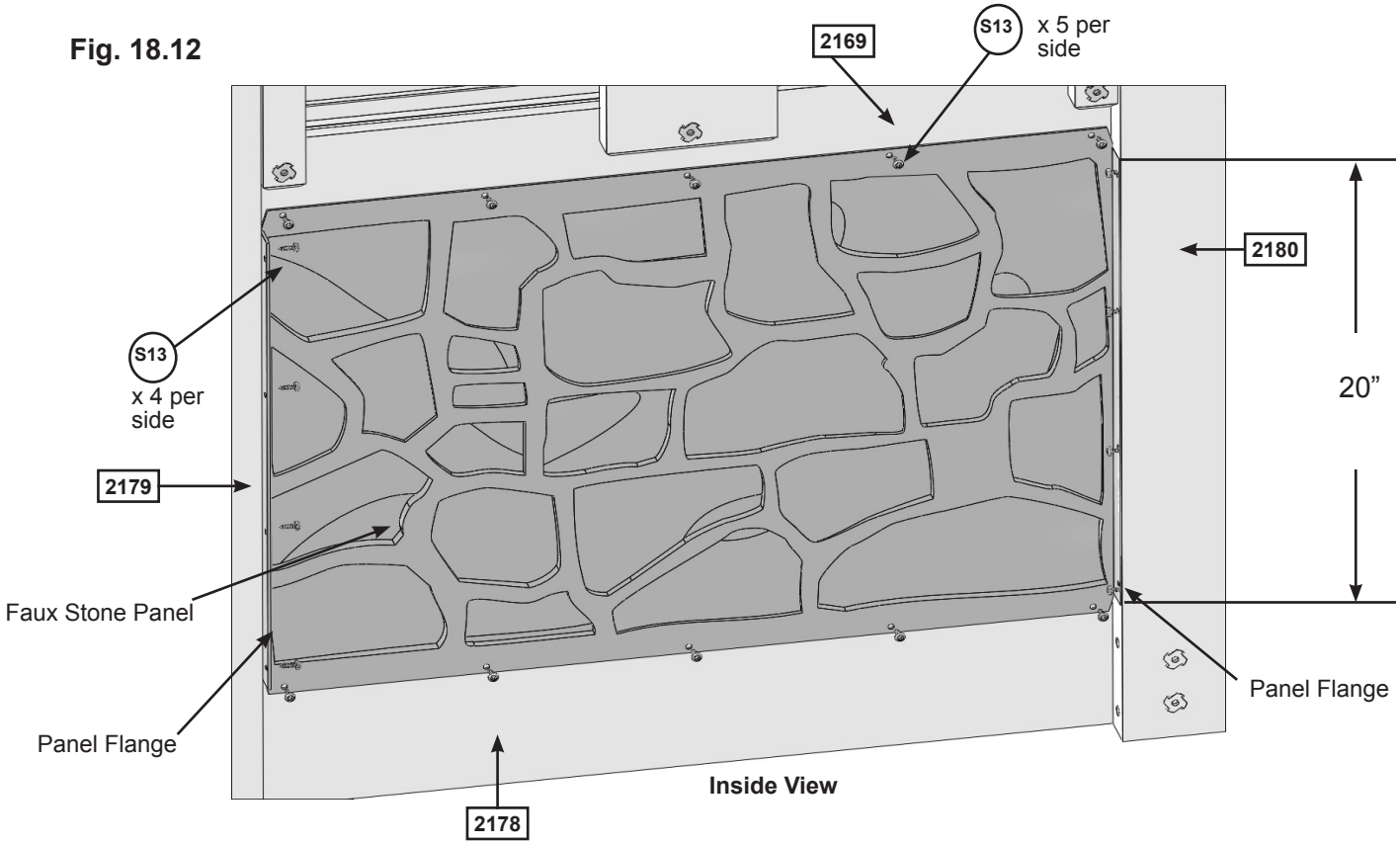


Fig. 18.12



Hardware

18 x (S13) #6 x 5/8” Pan Screw

Other Parts

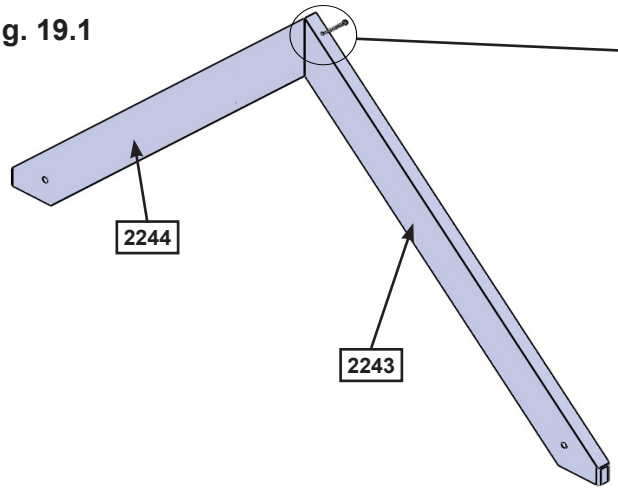
1 x Faux Stone Panel

Step 19: Large Roof Support Assembly
Part 1

A: Attach 1 (2244) Large Support to 1 (2243) Large Support L at the peak using 1 (S4) #8 x 3" Wood Screw. Do this twice so you have 2 Large Roof Support Assemblies. (fig. 19.1 and 19.2)

B: To the inside of 1 Large Roof Support Assembly attach 1 Peak Detail with 8 (S8) #12 x 3/4" Pan Screws (with flat washer). (fig. 19.3)

Fig. 19.1



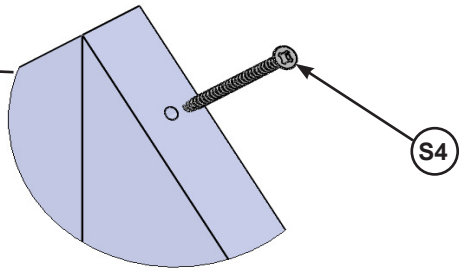
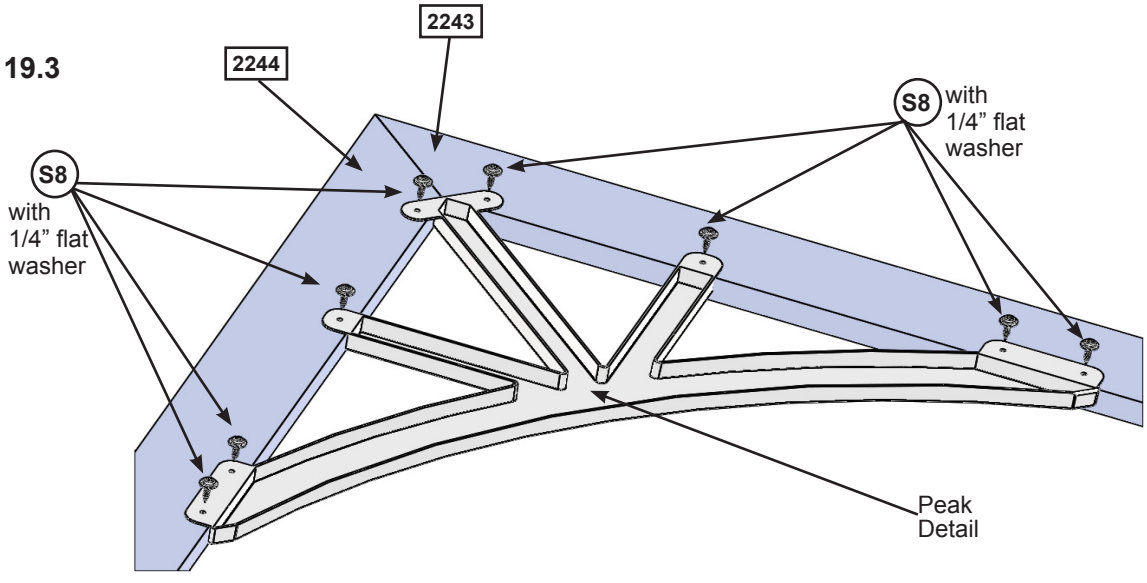


Fig. 19.2

Fig. 19.3



Inside View

Wood Parts

- 2 x 2244 **Large Support 5/4 x 4 x 37-7/16"**
- 2 x 2243 **Large Support L 5/4 x 4 x 37-7/16"**

Hardware

- 2 x S4 **#8 x 3" Wood Screw**
- 8 x S8 **#12 x 3/4" Pan Screw (1/4" flat washer)**

Other Parts

- **1 x Peak Detail**

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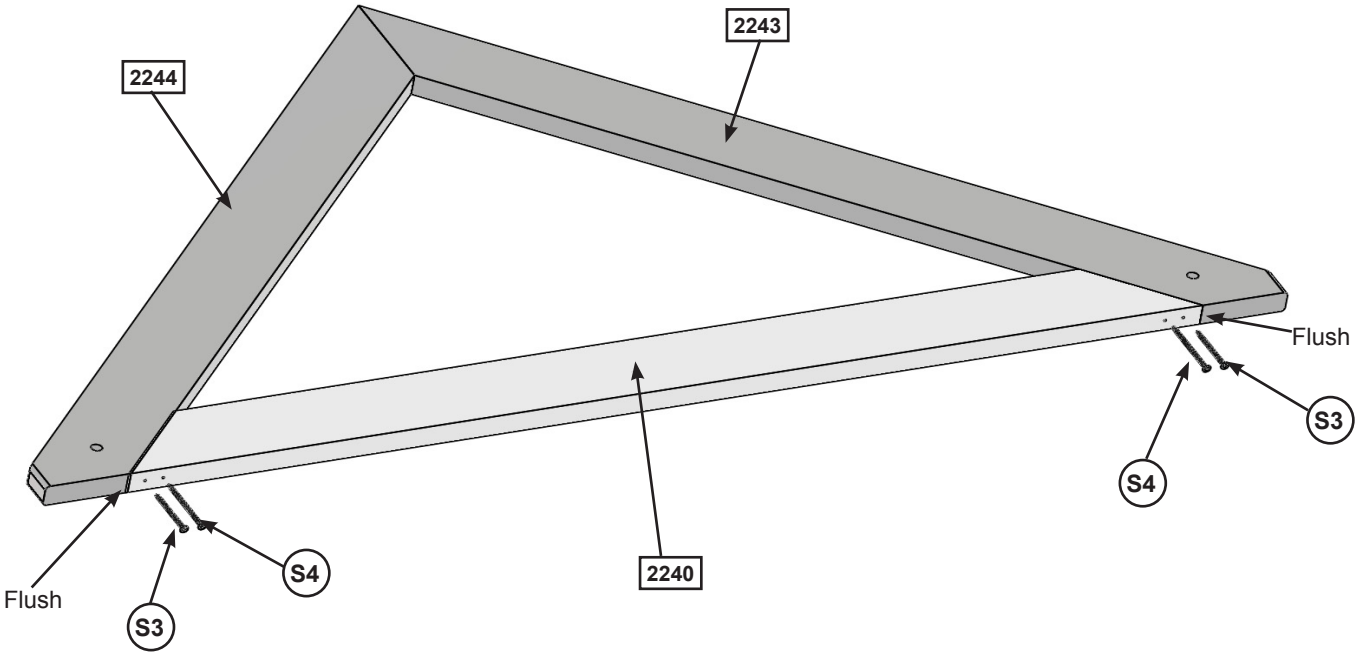
Step 19: Large Roof Support Assembly Part 2

C: At the bottom of the remaining Large Roof Support Assembly place (2240) Gable Bottom flush to the bottom of (2244) Large Support and (2243) Large Support L and attach with 1 (S3) #8 x 2-1/2” Wood Screw and 1 (S4) #8 x 3” Wood Screw per side as shown in fig. 19.4.

Fig. 19.4



Wood Parts

1 x 2240 **Gable Bottom 5/4 x 4 x 44-9/16”**

Hardware

2 x S3 **#8 x 2-1/2” Wood Screw**

2 x S4 **#8 x 3” Wood Screw**

Step 19: Large Roof Support Assembly Part 3

D: Place the assembly on a hard, flat surface, then on the inside place (2172) Gable Top tight to the top of (2244) Large Support and (2243) Large Support L at the peak and 2 (2176) Gable Uprights so they are tight to (2240) Gable Bottom, (2244) Large Support and (2243) Large Support L. The distance between (2176) Gable Uprights should be 13-3/8". (fig. 19.5)

E: Starting flush to the inside edge of each (2176) Gable Upright attach 1 (2173) Window Gable flush to the top of each (2244) Large Support and (2243) Large Support L. Follow with 1 (2171) Gable A then 1 (2170) Gable B per side. (fig. 19.6)

F: Flush to the bottom of (2172) Gable Top and tight to each (2173) Window Gable place (2255) Gable Band. (fig. 19.6)

G: Attach boards to supports, uprights and Gable Top and Bottom with (S2) #8 x 1-1/2" Wood Screws, 4 per (2170) Gable B and (2171) Gable A; 6 per (2173) Window Gable and 7 in (2255) Gable Band. (fig. 19.6)

Fig. 19.5

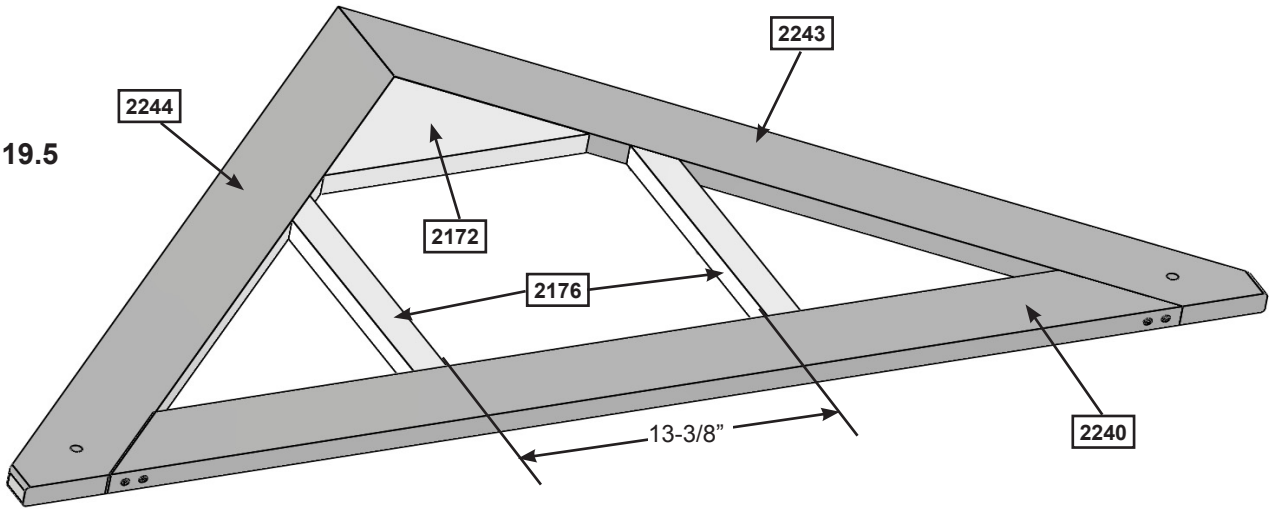
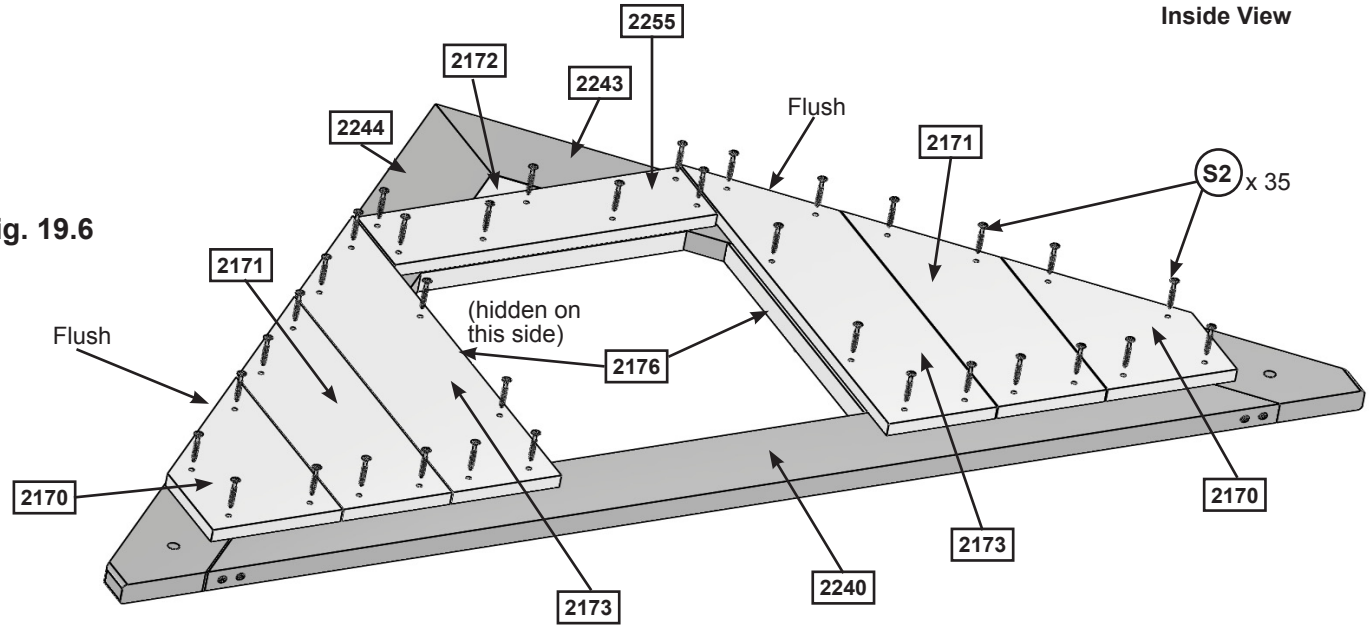


Fig. 19.6



Wood Parts

- 2 x 2176 Gable Upright 5/4 x 2 x 12-1/16"
- 1 x 2172 Gable Top 5/4 x 6 x 11"
- 2 x 2173 Window Gable 1 x 5 x 18-3/8"
- 2 x 2171 Gable A 1 x 5 x 13-7/8"
- 2 x 2170 Gable B 1 x 6 x 9-3/8"
- 1 x 2255 Gable Band 1 x 4 x 13-3/8"

Hardware

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

Step 19: Large Roof Support Assembly Part 4

H: On the outside of the assembly place a 6-Pane Arch Top Window in the window gap and attach to (2240) Gable Bottom, (2172) Gable Top and both (2176) Gable Uprights with 6 (S16) #6 x 1” Pan Screws and to (2240) Gable Bottom and (2172) Gable Top in the middle holes with 2 (S13) #6 x 5/8” Pan Screws. (fig. 19.7 and 19.8)

Fig. 19.7
Outside View

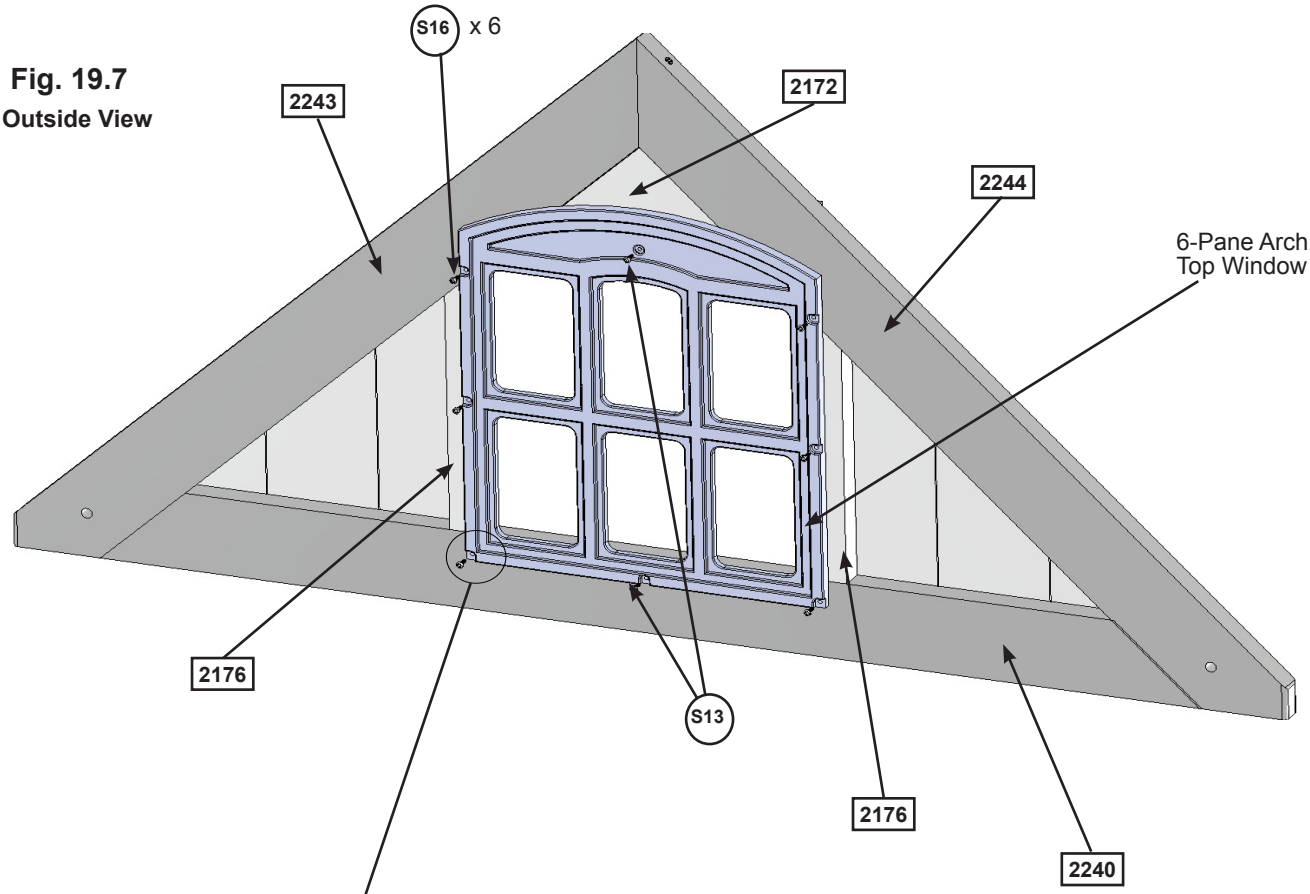
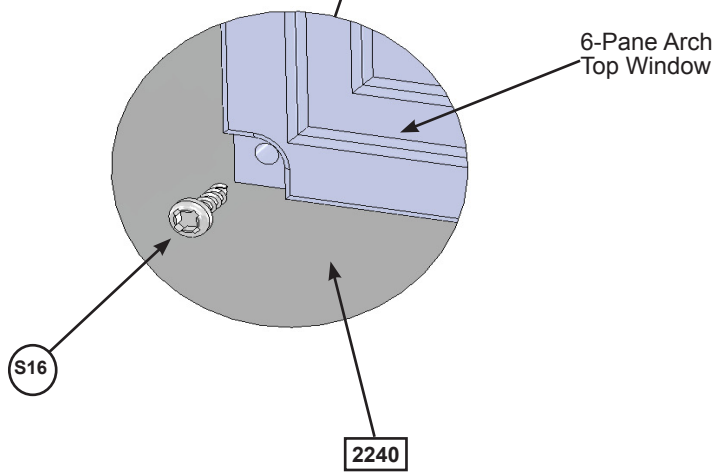


Fig. 19.8



Hardware

6 x S16 **#6 x 1” Pan Screw**
2 x S13 **#6 x 5/8” Pan Screw**

Other Parts

1 x 6-Pane Arch Top Window

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Step 20: Small Roof Support Assembly

A: Attach 1 (2242) Roof Support to 1 (2241) Roof Support L at the peak using 1 (S4) #8 x 3" Wood Screw. This will create 1 Small Roof Support Assembly. (fig. 20.1)

B: To the inside of the Small Roof Support Assembly attach 1 Peak Detail with 8 (S8) #12 x 3/4" Pan Screws (with flat washer). (fig. 20.2)

Fig. 20.1

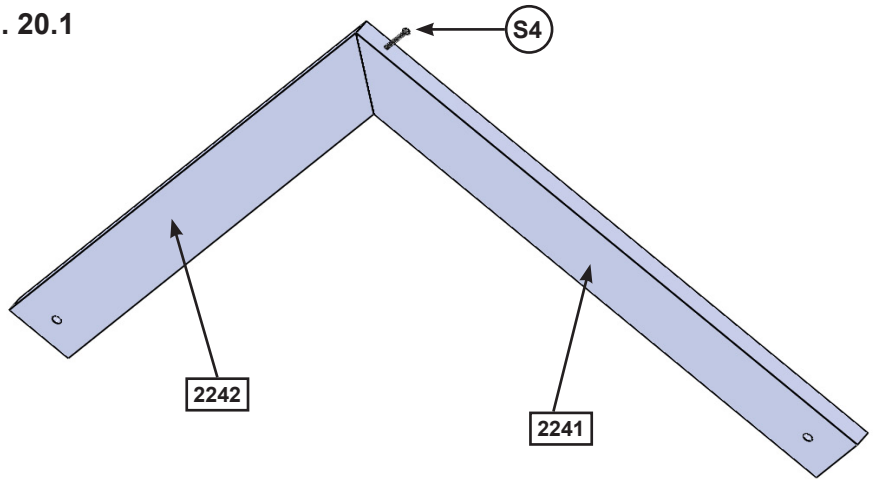
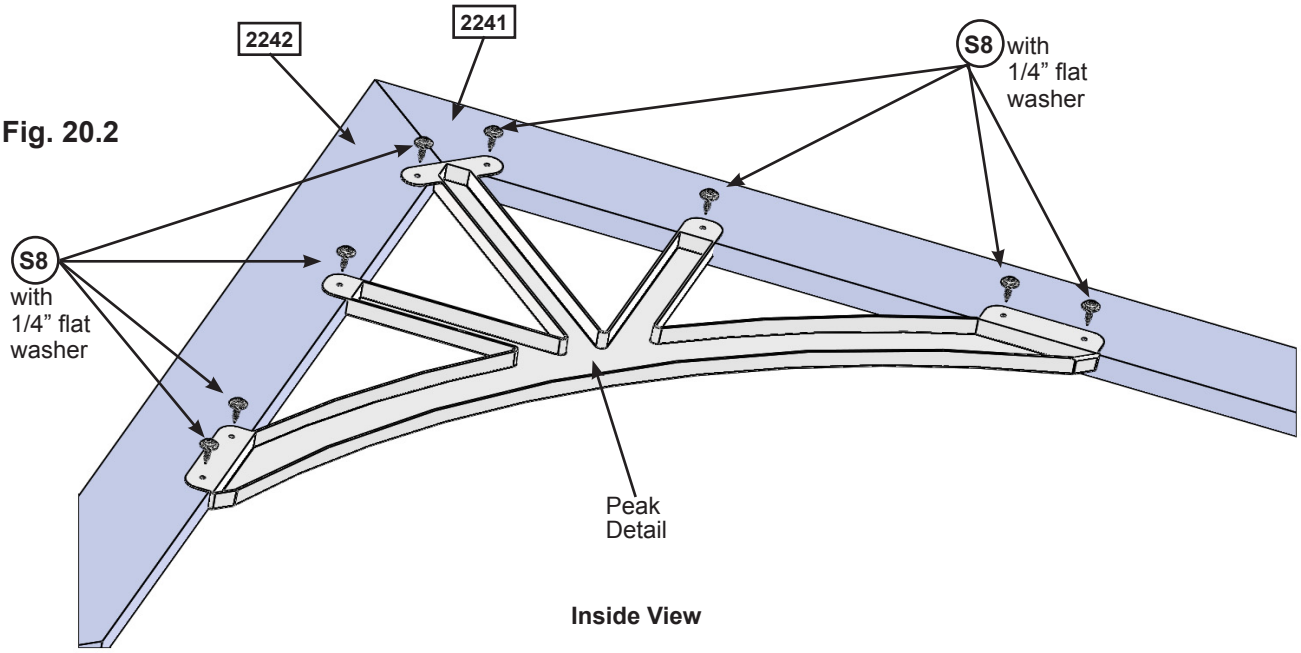


Fig. 20.2



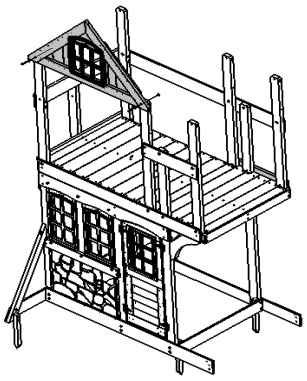
Inside View

Wood Parts	Hardware	Other Parts
1 x 2242 Roof Support 5/4 x 4 x 29-3/4"	1 x S4 #8 x 3" Wood Screw	1 x Peak Detail
1 x 2241 Roof Support L 5/4 x 4 x 29-3/4"	8 x S8 #12 x 3/4" Pan Screw (1/4" flat washer)	

Step 21: Upper Front Wall Assembly
Part 1

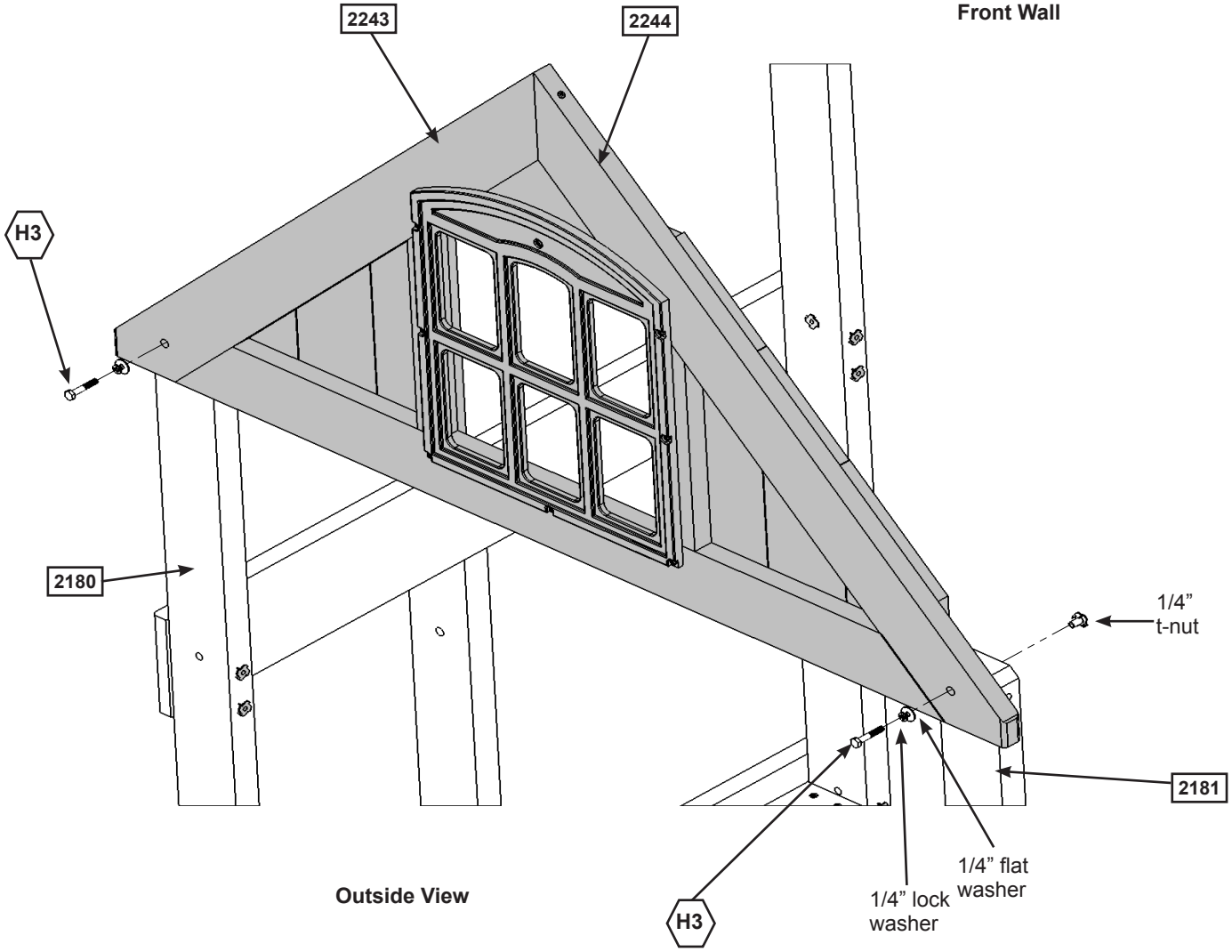
A: On the Front Wall attach Large Roof Support Assembly with Window to (2180) Post and (2181) Short Post with 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nut), as shown in fig. 21.1 and 21.2.

Fig. 21.1



Front Wall

Fig. 21.2



Outside View

Hardware

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

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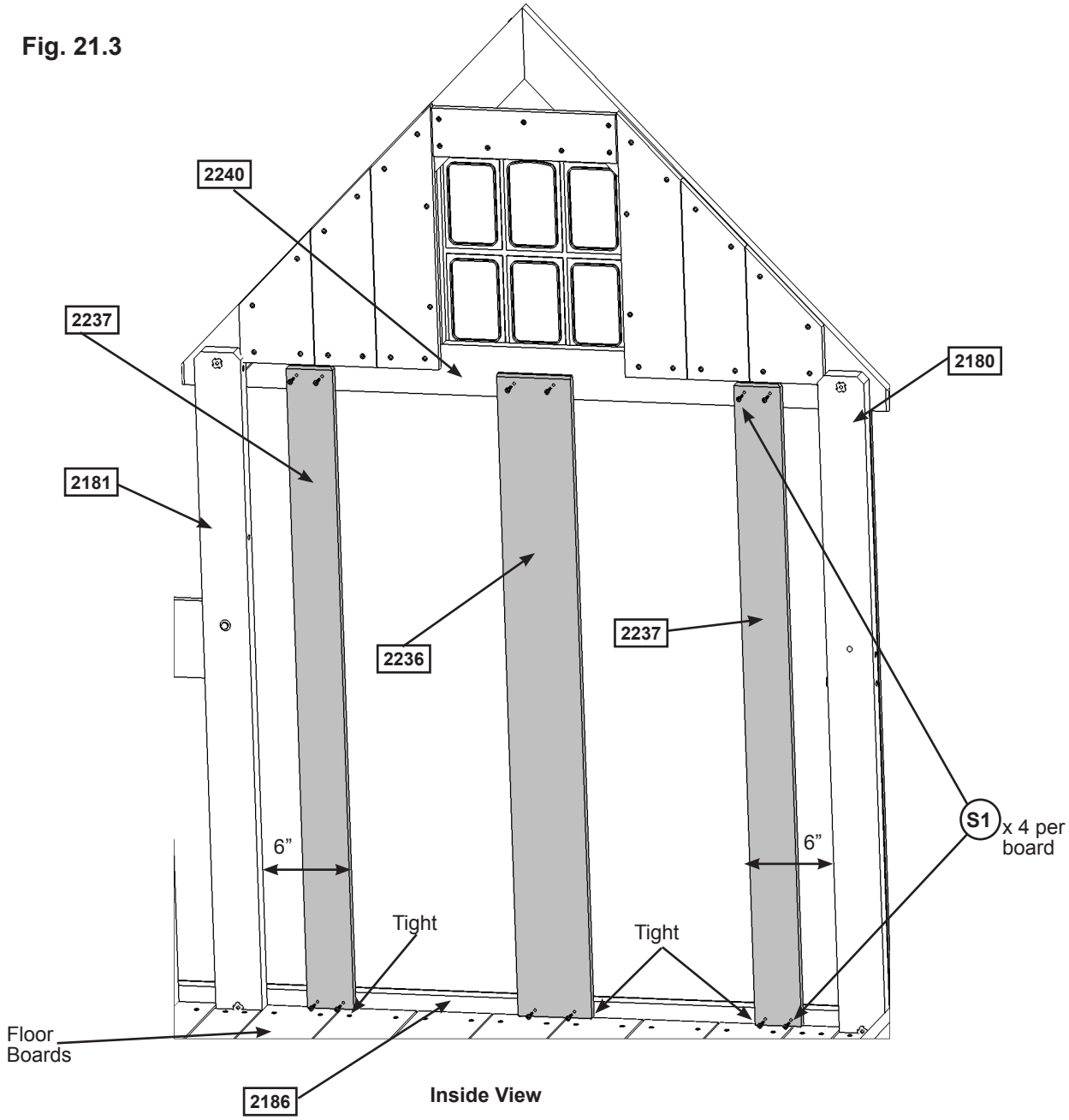
Step 21: Upper Front Wall Assembly Part 2

B: On the inside of the assembly measure 6” from (2181) Short Post and (2180) Post then attach 2 (2237) Back Walls at each pre-measured spot to (2240) Gable Bottom and (2186) Back Front Wall with 4 (S1) #8 x 1-1/8” Wood Screws per board. The bottom of the boards should be tight to the floor boards. (fig. 21.3)

C: Centre (2236) Back Wall between both (2237) Back Walls then attach to (2240) Gable Bottom and (2186) Back Front Wall with 4 (S1) #8 x 1-1/8” Wood Screws. The bottom of the board should be tight to the floor boards. (fig. 21.3)

Fig. 21.3



Inside View

Wood Parts

2 x 2237 Back Wall 1 x 4 x 44-7/8”

1 x 2236 Back Wall 1 x 6 x 44-7/8”

Hardware

12 x S1 #8 x 1-1/8” Wood Screw

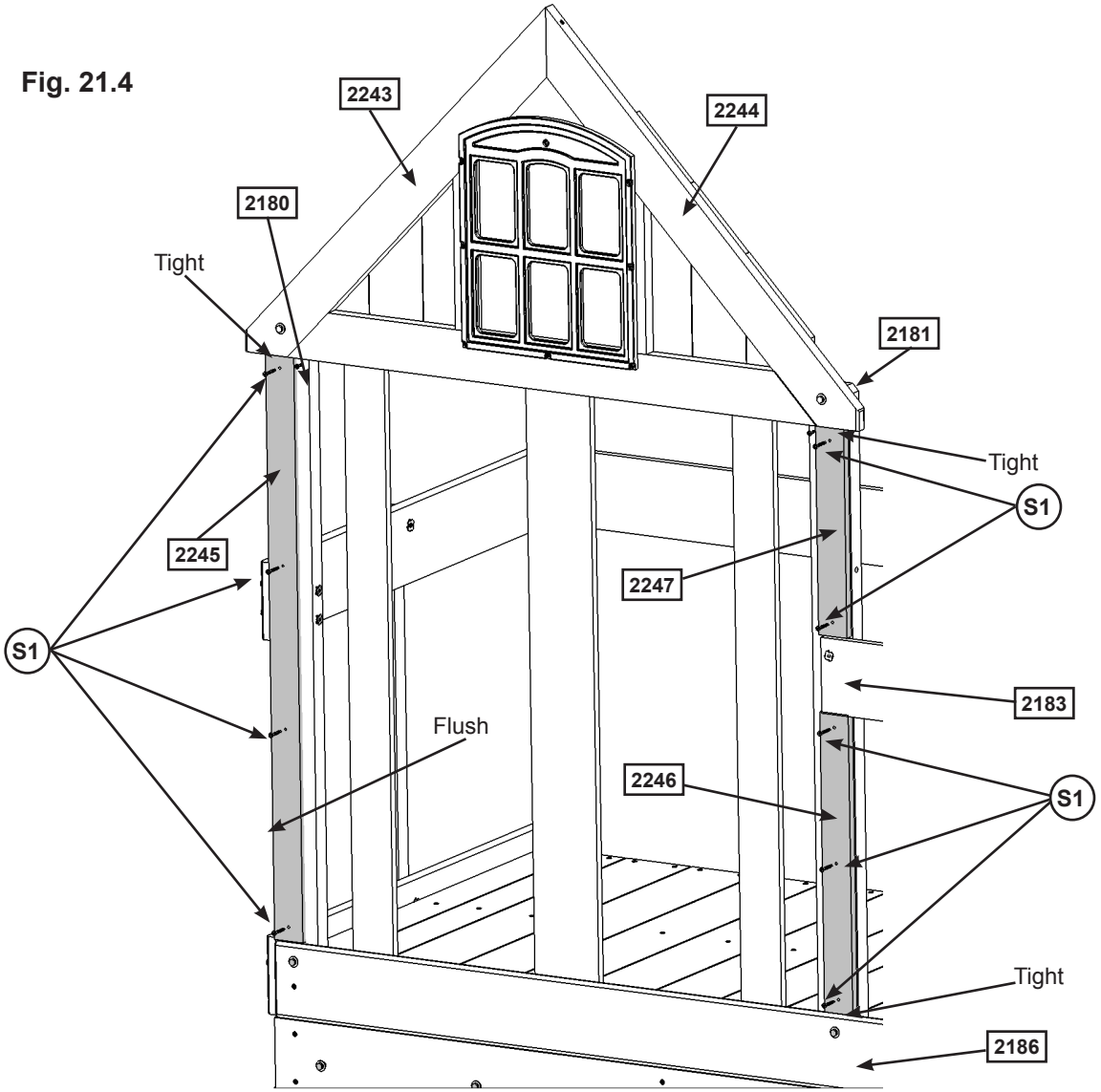
Step 21: Upper Front Wall Assembly
Part 3

D: On the outside of the assembly attach (2245) Long Trim flush to the outside edge of (2180) Post with 4 (S1) #8 x 1-1/8" Wood Screws. The bottom of the board should be tight to (2186) Back Front Wall. (fig. 21.4)

E: Between (2183) Front Rail and (2186) Back Front Wall attach (2246) Mid Trim flush to outside edge of (2181) Short Post with 3 (S1) #8 x 1-1/8" Wood Screws. (fig. 21.4)

F: Between (2183) Front Rail and (2244) Large Support attach (2247) Short Trim flush to outside edge of (2181) Short Post with 2 (S1) #8 x 1-1/8" Wood Screws. (fig. 21.4)

Fig. 21.4



Outside View

Wood Parts

- **1 x 2245 Long Trim 1 x 3 x 41-9/16"**
- **1 x 2246 Mid Trim 1 x 3 x 21-1/4"**
- **1 x 2247 Short Trim 1 x 3 x 14-7/8"**

Hardware

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

Step 21: Upper Front Wall Assembly Part 4

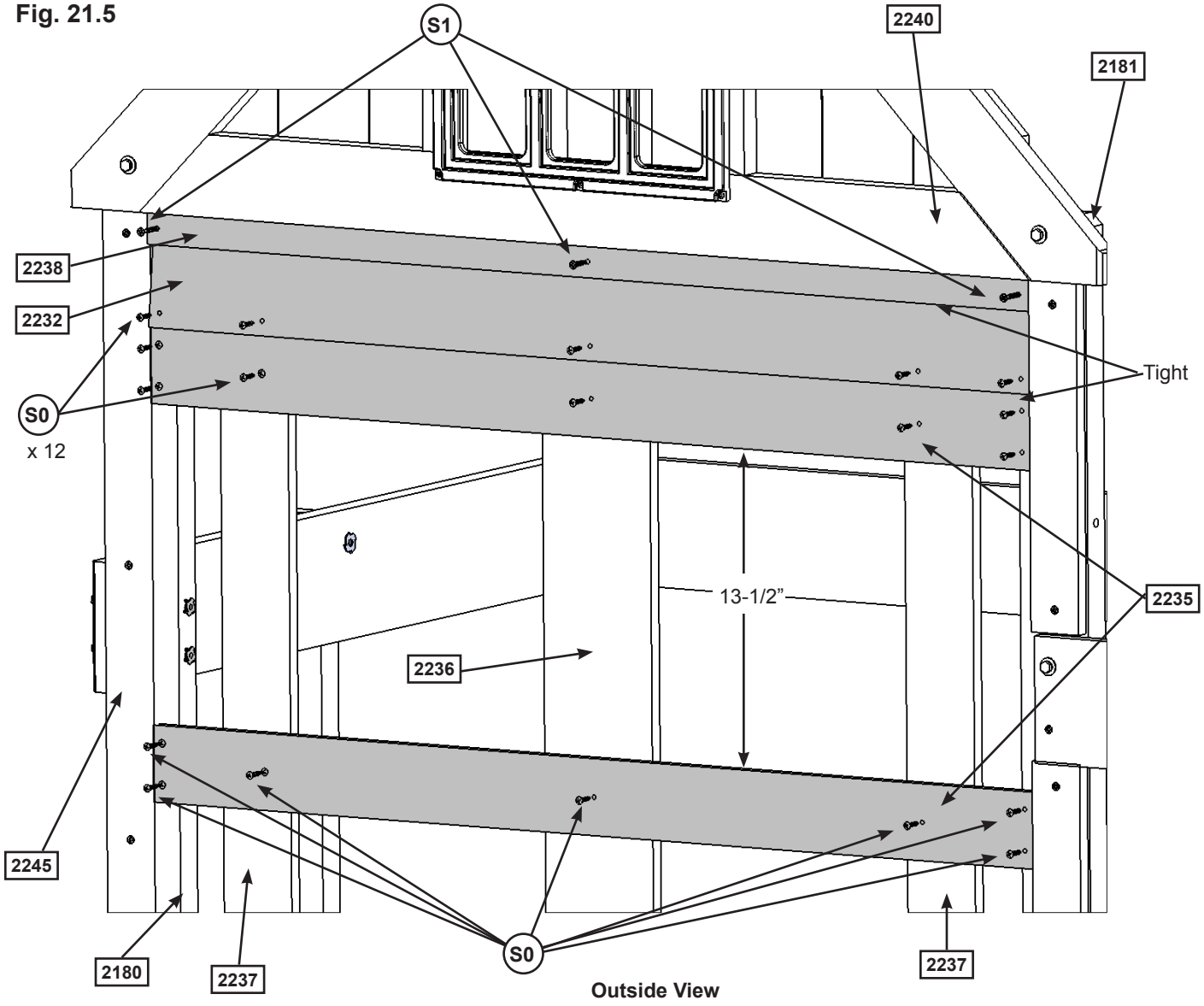
G: Tight to the bottom of (2240) Gable Bottom attach (2238) Filler to (2180) Post, (2236) Back Wall and (2181) Short Post with 3 (S1) #8 x 1-1/8” Wood Screws. (fig. 21.5)

H: Tight to the bottom of (2238) Filler attach 1 (2232) Siding to (2180) Post, both (2237) Back Wall, (2236) Back Wall and (2181) Short Post with 5 (S0) #8 x 7/8” Truss Screws. (fig. 21.5)

I: Tight to the bottom of (2232) Siding attach 1 (2235) Wall to (2180) Post, both (2237) Back Wall, (2236) Back Wall and (2181) Short Post with 7 (S0) #8 x 7/8” Truss Screws. (fig. 21.5)

J: Measure 13-1/2” from the bottom of (2235) Wall and attach a second (2235) Wall to (2180) Post, both (2237) Back Wall, (2236) Back Wall and (2181) Short Post with 7 (S0) #8 x 7/8” Truss Screws. (fig. 21.5)

Fig. 21.5



Outside View

Wood Parts

- 1 x 2238 Filler 1 x 2 x 44”
- 2 x 2235 Wall 1/2 x 4 x 44”
- 1 x 2232 Siding 3/8 x 3-1/2 x 44”

Hardware

- 3 x S1 #8 x 1-1/8” Wood Screw
- 19 x S0 #8 x 7/8” Truss Screw

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Step 21: Upper Front Wall Assembly Part 5

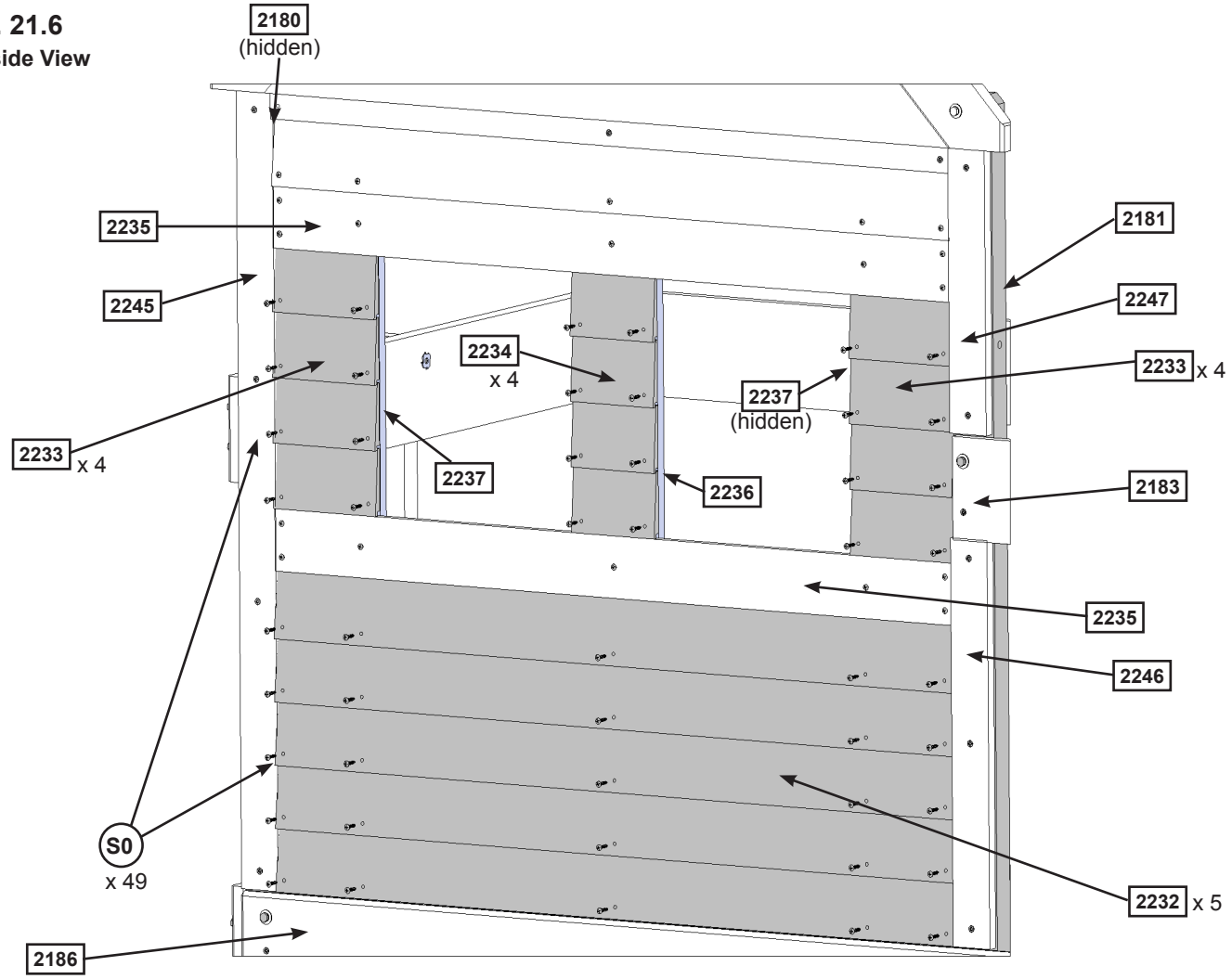
K: Evenly space 4 (2233) L&R Siding between both (2235) Walls, tight to (2245) Long Trim and flush to the outside edges of (2237) Back Wall, making sure there are no gaps between boards. Attach to (2180) Post and (2237) Back Wall with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 21.6)

L: Evenly space 4 (2233) L&R Siding between both (2235) Walls, tight to (2247) Short Trim and (2183) Front Rail and flush to the outside edges of (2237) Back Wall, making sure there are no gaps between boards. Attach to (2181) Short Post and (2237) Back Wall with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 21.6)

M: Evenly space 4 (2234) Mid Siding between both (2235) Walls, flush to the outside edges of (2236) Back Wall, making sure there are no gaps between boards. Attach to (2236) Back Wall with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 21.6)

N: Evenly space 5 (2232) Siding between (2235) Wall and (2186) Back Front Wall, tight to (2245) Long Trim and (2246) Mid Trim, making sure there are no gaps between boards. Attach to (2181) Short Post and (2237) Back Walls, (2236) Back Wall and (2180) Post with 5 (S0) #8 x 7/8" Truss Screws per board. (fig. 21.6)

Fig. 21.6
Outside View



Wood Parts

- 5 x 2232 Siding 3/8 x 3-1/2 x 44"
- 8 x 2233 L&R Siding 3/8 x 3-1/2 x 6-5/8"
- 4 x 2234 Mid Siding 3/8 x 3-1/2 x 5-3/8"

Hardware

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

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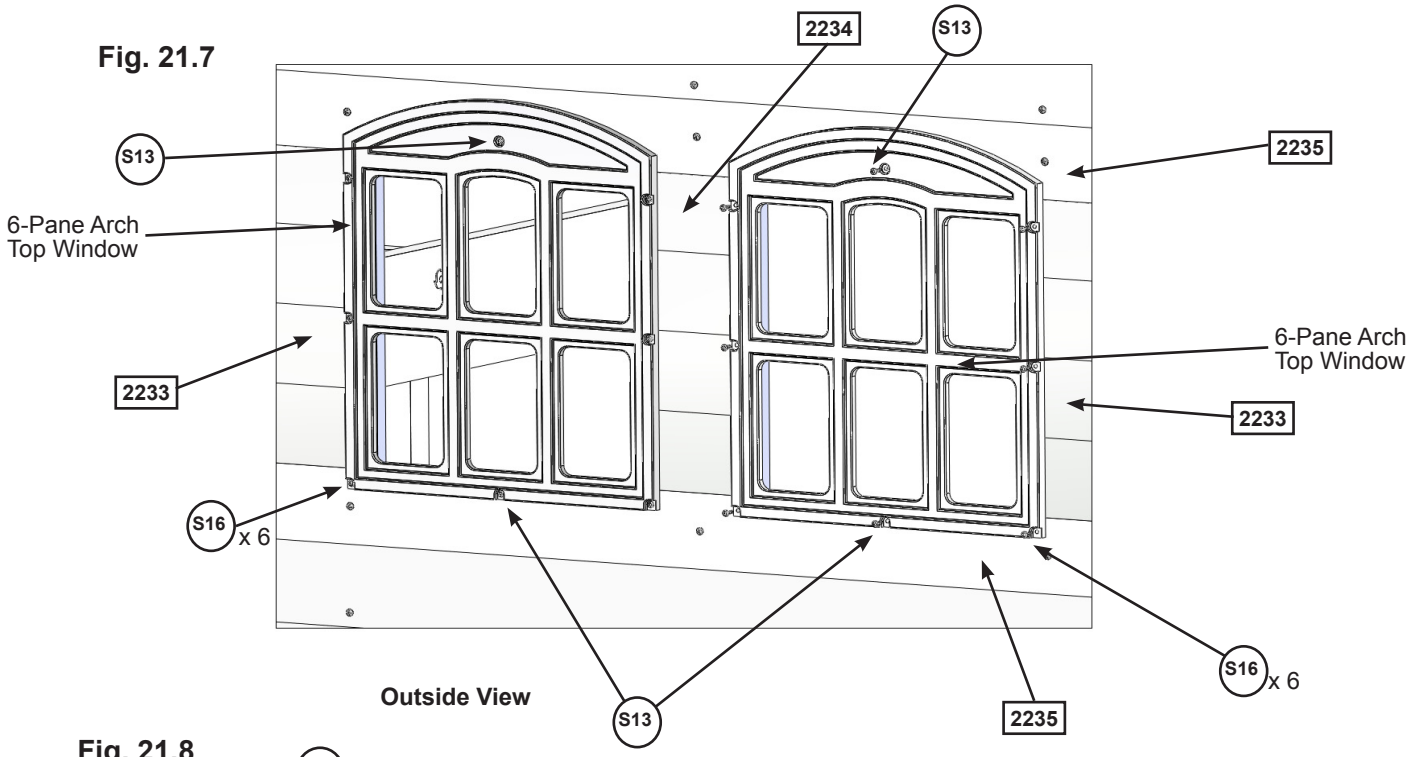
Step 21: Upper Front Wall Assembly Part 6

O: On the outside of the assembly place 2 6-Pane Arch Top Windows in the window gaps,pre-drill with a 1/8” drill bit then attach to bottom (2235) Wall, (2233) L&R Siding and (2234) Mid Siding with 6 (S16) #6 x 1” Pan Screws per window. (fig. 21.7)

P: Pre-drill with a 1/8” drill bit then attach 6-Pane Arch Top Windows to both (2235) Walls in the centre holes with 2 (S13) #6 x 5/8” Pan Screws per window. (fig. 21.7)

Q: Place 1 Flower Box under each window and attach to (2135) Wall with 2 (S13) #6 x 5/8” Pan Screws per Flower Box. (fig. 21.8 and 21.9)

Fig. 21.7



Outside View

Fig. 21.8

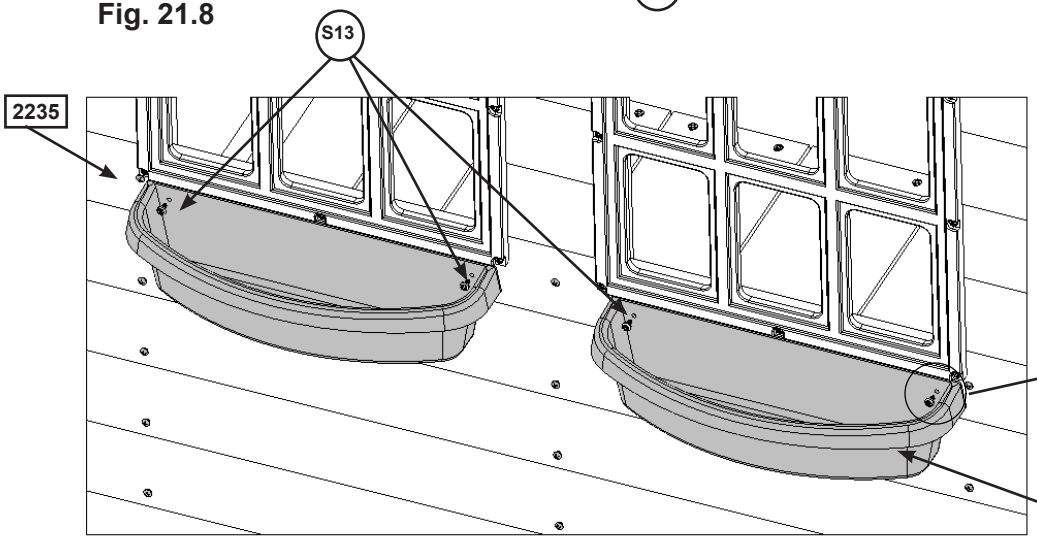
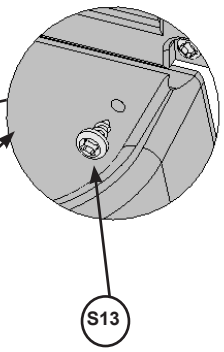


Fig. 21.9



Hardware

8 x (S13) #6 x 5/8” Pan Screw

12 x (S16) #6 x 1” Pan Screw

Other Parts

2 x 6-Pane Arch Top Window

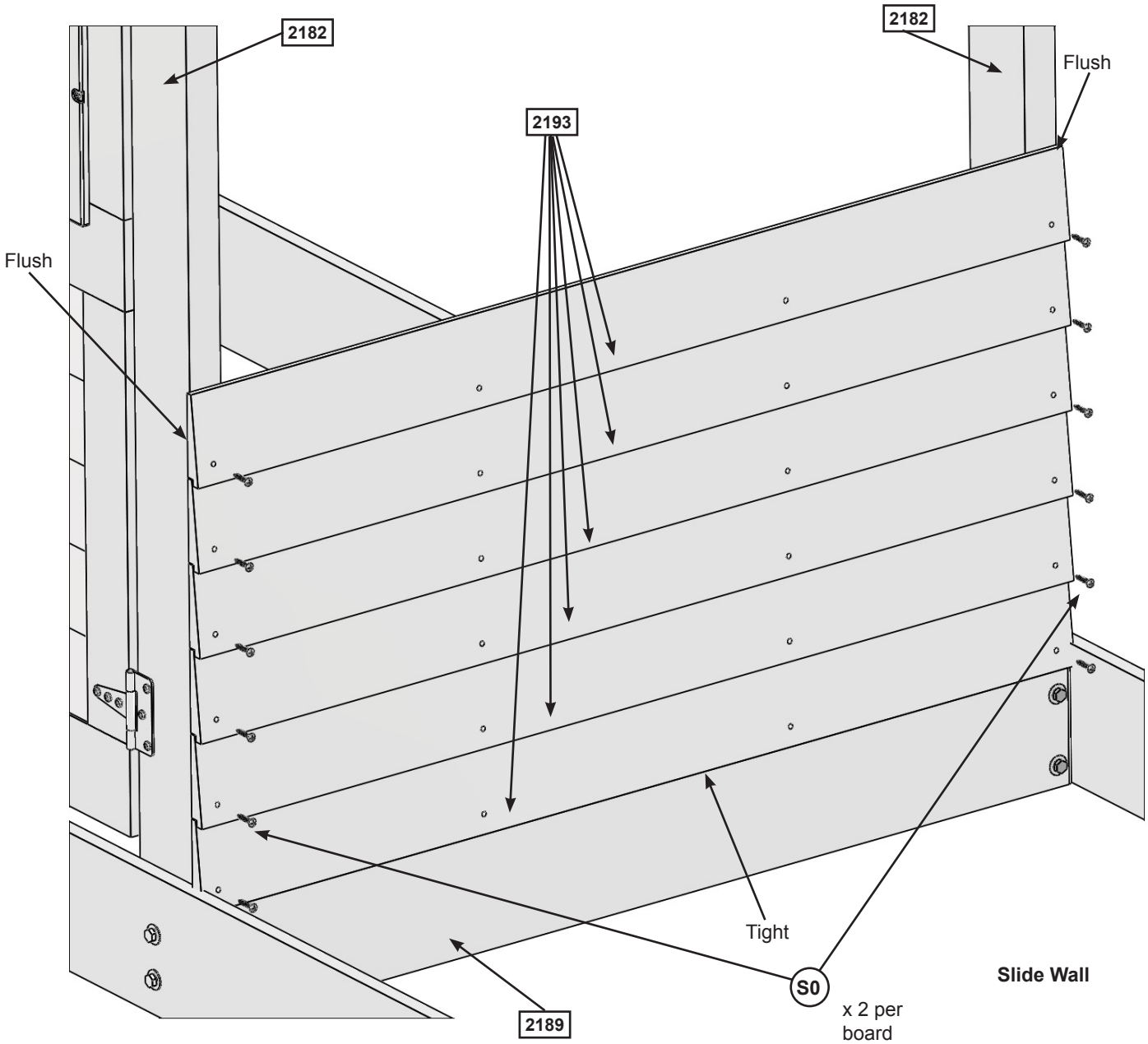
2 x Flower Box

Step 22: Lower Slide Wall Assembly Part 1

A: Tight to top of (2189) SL Ground and flush to the outside edges of both (2182) Mid Posts attach (2193) Siding to both (2182) Mid Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 22.1.

B: Install 5 more (2193) Siding directly above the first, attaching to both (2182) Mid Posts, making sure there are no gaps between boards, with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 22.1)

Fig. 22.1



Wood Parts

6 x 2193 Siding 3/8 x 3-1/2 x 38-1/2"

Hardware

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

Step 22: Lower Slide Wall Assembly Part 2

C: Place (2191) Cafe Support flush to the notched out extension of (2192) Cafe Top, as shown in fig. 22.2 and 22.3, and attach using 4 (S7) #12 x 2" Pan Screws.

D: Place Cafe Top Assembly tight to the top of (2193) Siding and the notches in (2192) Cafe Top are tight against both (2182) Mid Posts. Attach Cafe Top Assembly to each post using 1 (S3) #8 x 2-1/2" Wood Screw per post. (fig. 22.4)

Fig. 22.2
Bottom View

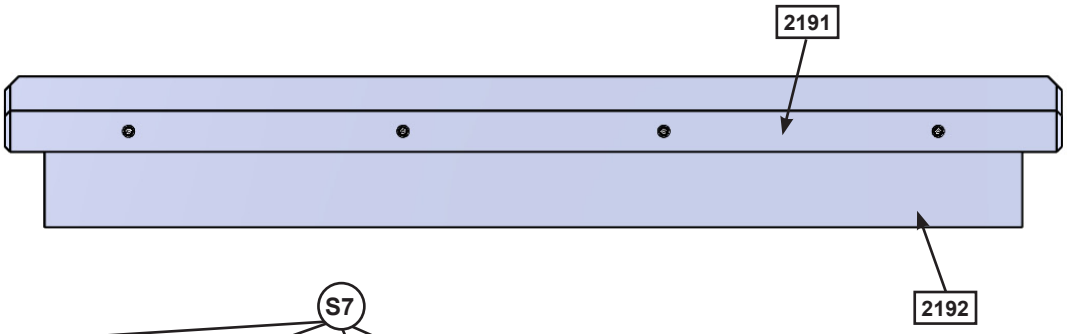


Fig. 22.3

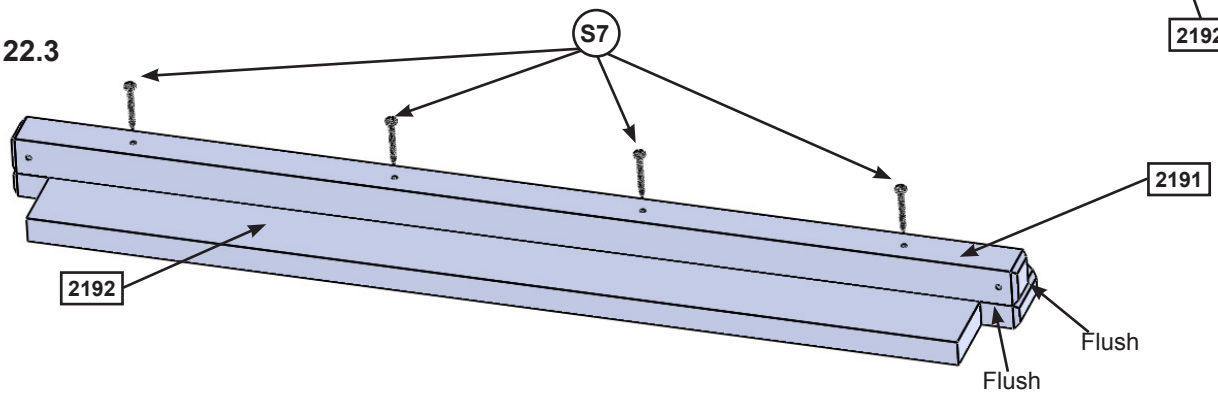
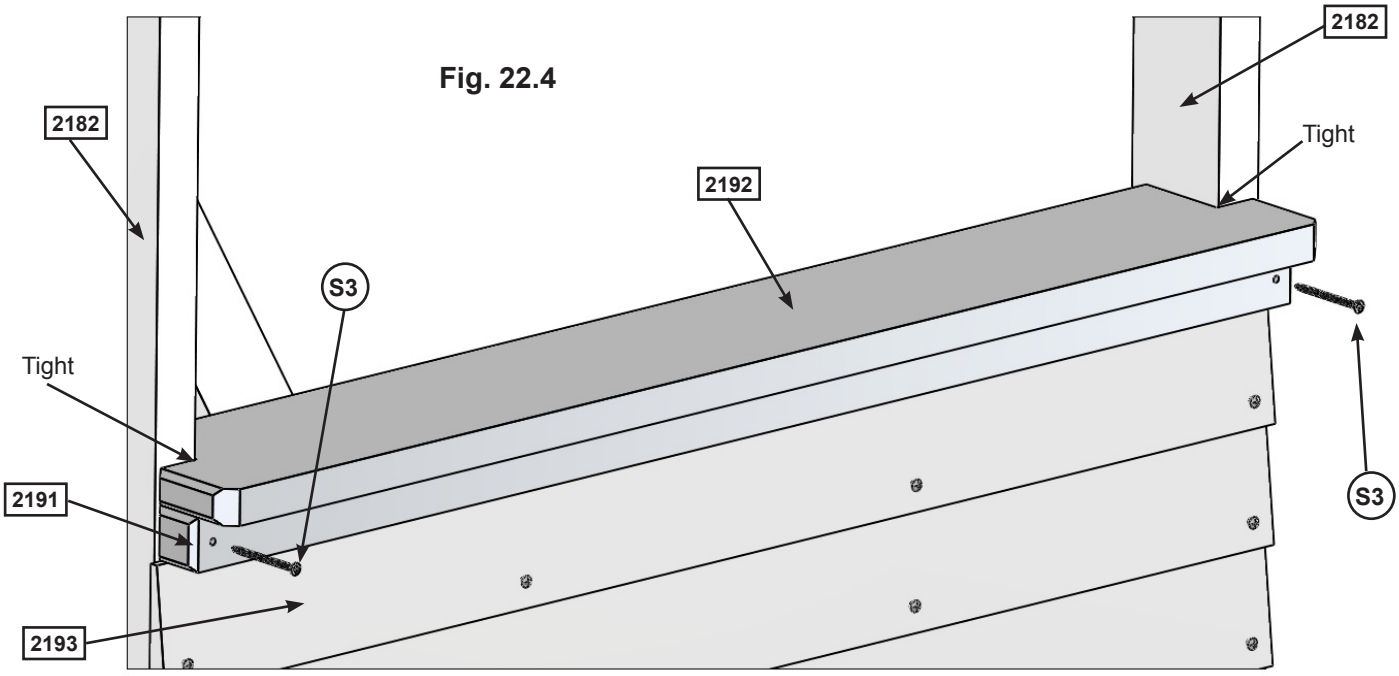


Fig. 22.4



Wood Parts

1 x 2191 Cafe Support 2 x 2 x 38-1/2"
1 x 2192 Cafe Top 5/4 x 6 x 38-1/2"

Hardware

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

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Step 22: Lower Slide Wall Assembly Part 3

E: From inside the assembly place (2195) Siding Upright over the pilot holes of the (2193) Siding and tight to the bottom of (2192) Cafe Top. Attach to (2191) Cafe Support and (2189) SL Ground with 2 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 22.5)

F: From outside of the assembly attach (2193) Siding to (2195) Siding Uprights with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 22.5 and 22.6)

Fig. 22.5

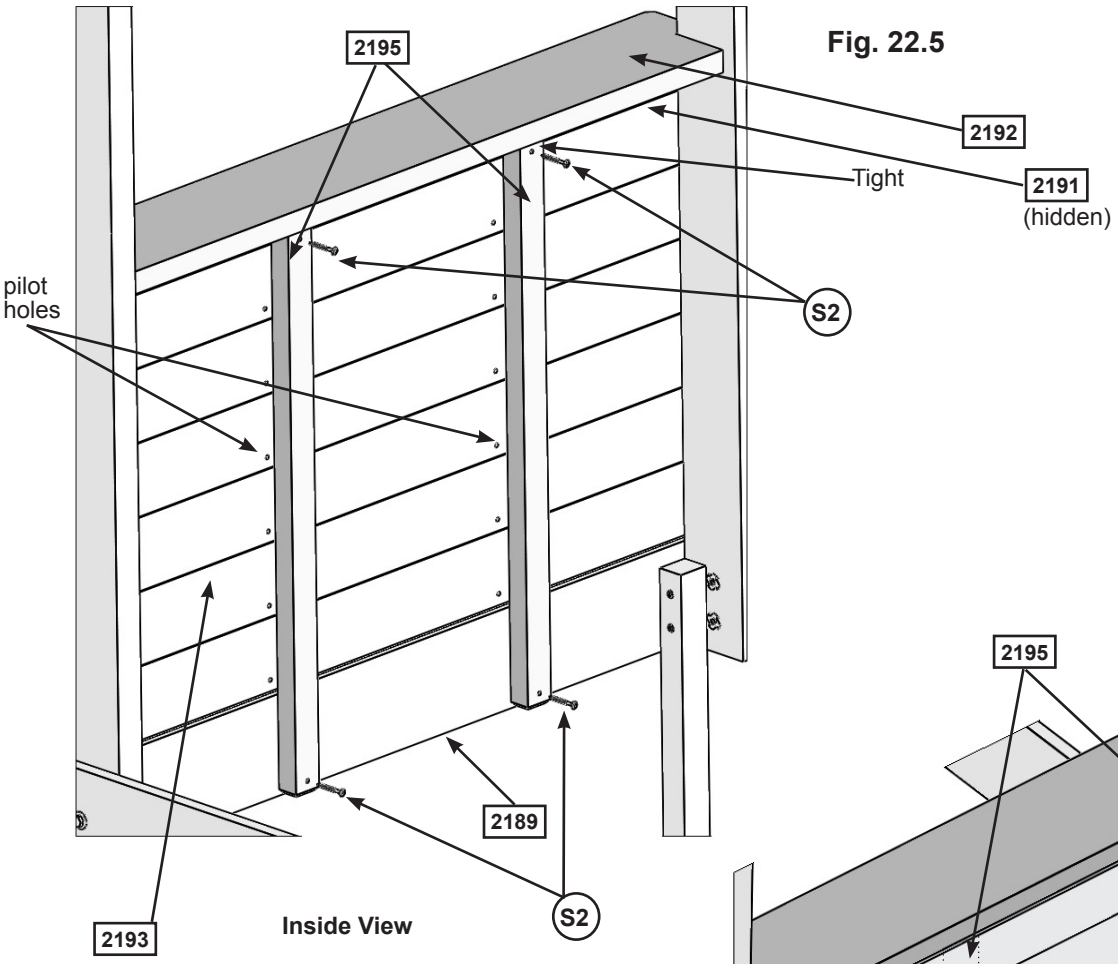
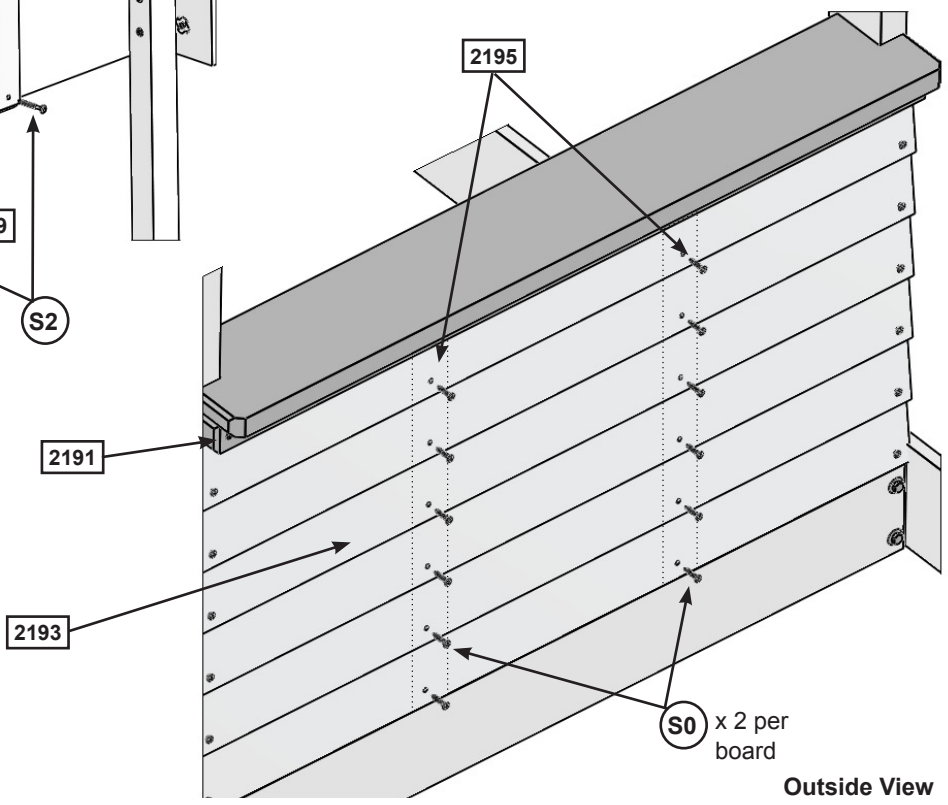


Fig. 22.6



Wood Parts

2 x 2195 **Siding Upright 5/4 x 2 x 25-1/4"**

Hardware

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

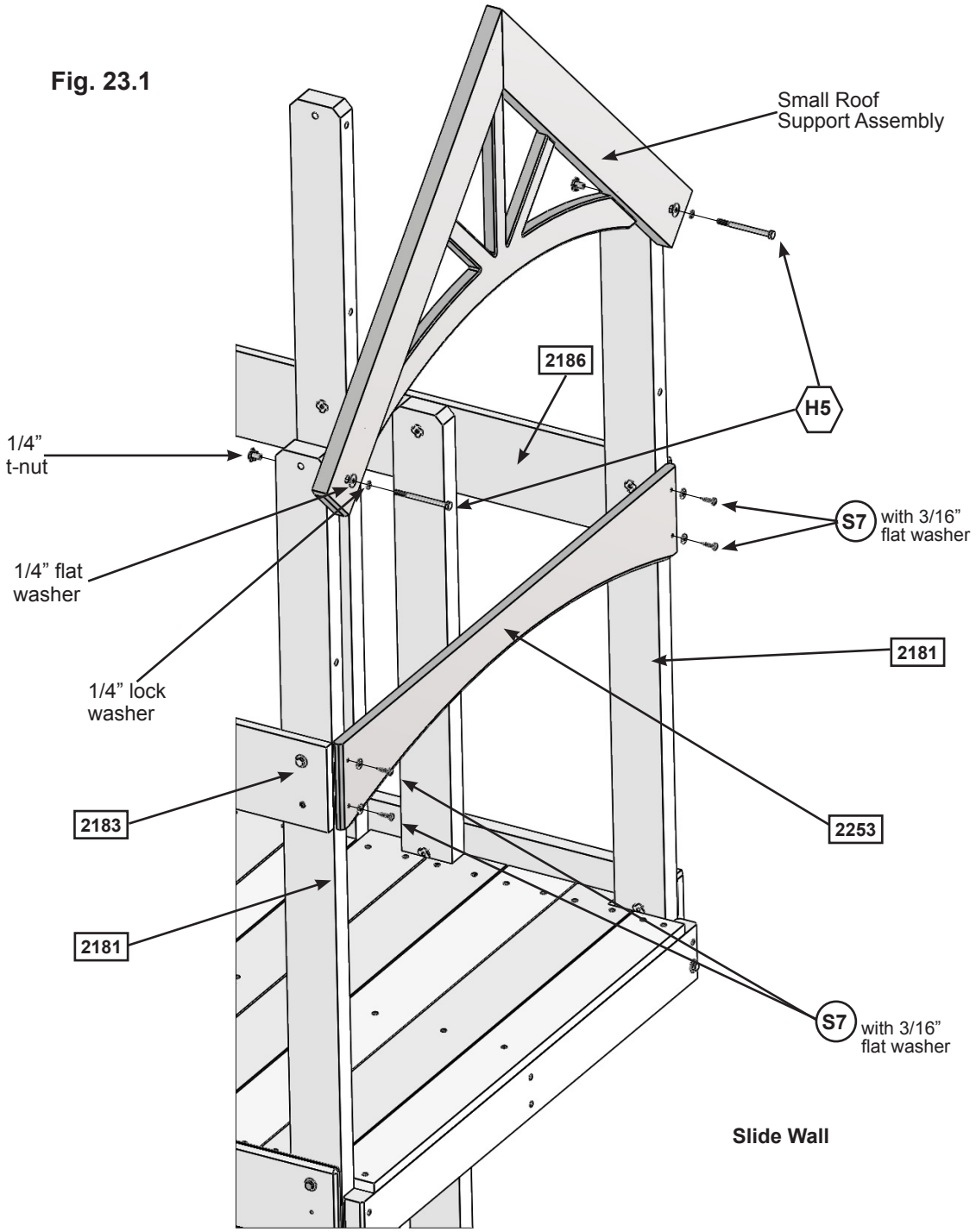
12 x S0 **#8 x 7/8" Truss Screw**

Step 23: Upper Slide Wall Assembly

A: On the Slide Wall attach the Small Roof Support Assembly to both (2181) Short Posts with 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut), as shown in fig. 23.1.

B: Flush to the top of (2186) Back Front Wall and (2183) Front Rail attach (2253) SL Arch to both outside (2181) Short Posts with 4 (S7) #12 x 2" Pan Screws (with flat washer). (fig. 23.1)

Fig. 23.1



Wood Parts

1 x 2253 **SL Arch 1 x 6 x 38-1/2"**

Hardware

4 x S7 **#12 x 2" Pan Screw (3/16" flat washer)**

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

Step 24: Attach Bench to Fort

A: Place Bench Assembly from Step 7 between (2177) Ground Back and (2178) Ground Front on the Slide Wall. Attach (2105) Bench Post on the Back Wall side to (2177) Ground Back with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut) and 1 (S2) #8 x 1-1/2" Wood Screw. (fig. 24.1 and 24.2)

B: Attach (2178) Ground Front to (2105) Bench Post with 1 (S2) #8 x 1-1/2" Wood Screw. (fig. 24.2)

C: Attach (2175) SL Brace to (2178) Ground Front and (2105) Bench Post with 2 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut). Notice the bolt holes at the end of the board should be towards the top of the board. (fig. 24.2)

Fig. 24.1

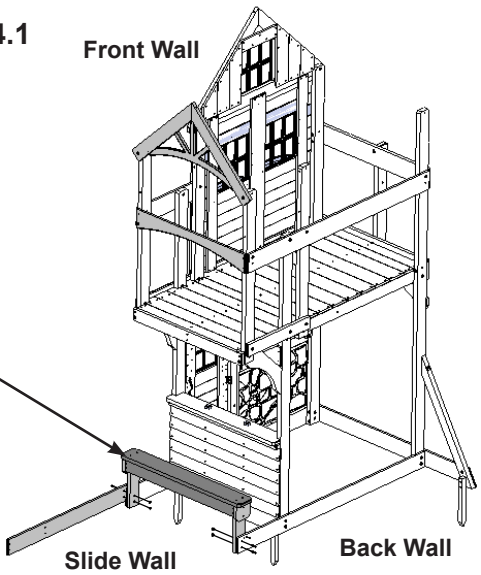
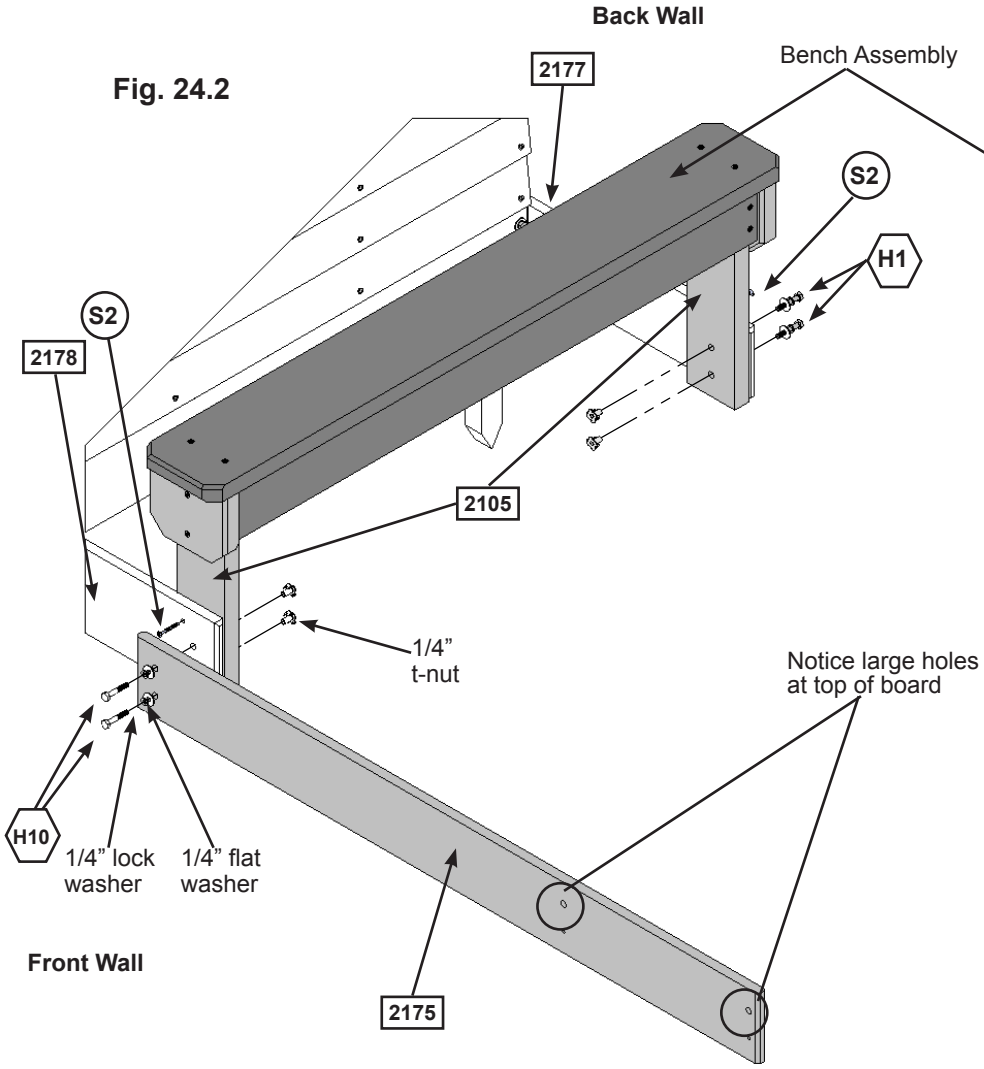


Fig. 24.2



Wood Parts

1 x 2175 SL Brace 1 x 5 x 45-13/16"

Hardware

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

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 H10 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 25: Attach Access Ladder/Rockwall Assembly to Fort

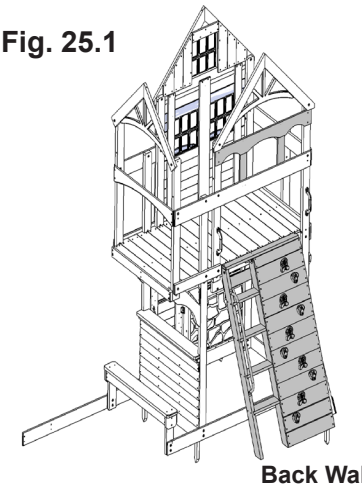
Pre-drill all holes using a 3/16" drill bit before installing the Lag Screws

A: Remove (0705) Cedar Wall from the Access Ladder Rockwall, previously assembled in Step 2. Set the board and screws aside, they will be re-attached. (fig. 25.2)

B: Place the Access Ladder Rockwall centred in between (2181) Short Post and (2180) Post on the Back Wall, flush to top of floor boards, then attach to (2164) Floor Support with 1 (LS1) 1/4 x 1-1/2" Lag Screw (with flat washer) in each Swing Bracket. (fig. 25.1, 25.2 and 25.3).

C: Re-attach (0705) Cedar Wall to the same place it was removed.

Fig. 25.1



Back Wall

Note: Access Ladder Rockwall is centred in opening

Fig. 25.2

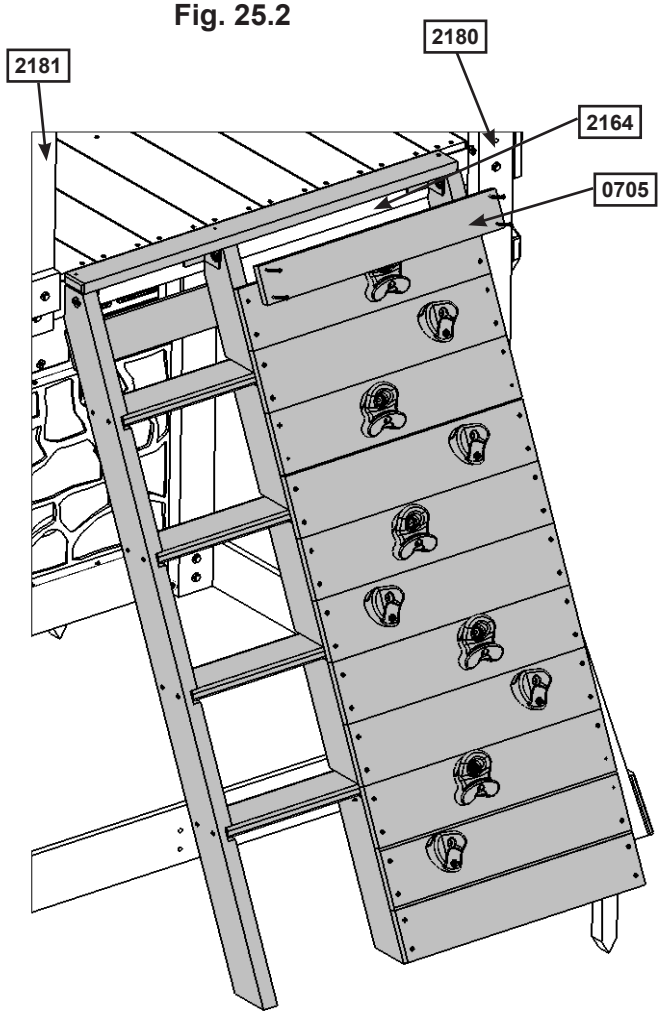
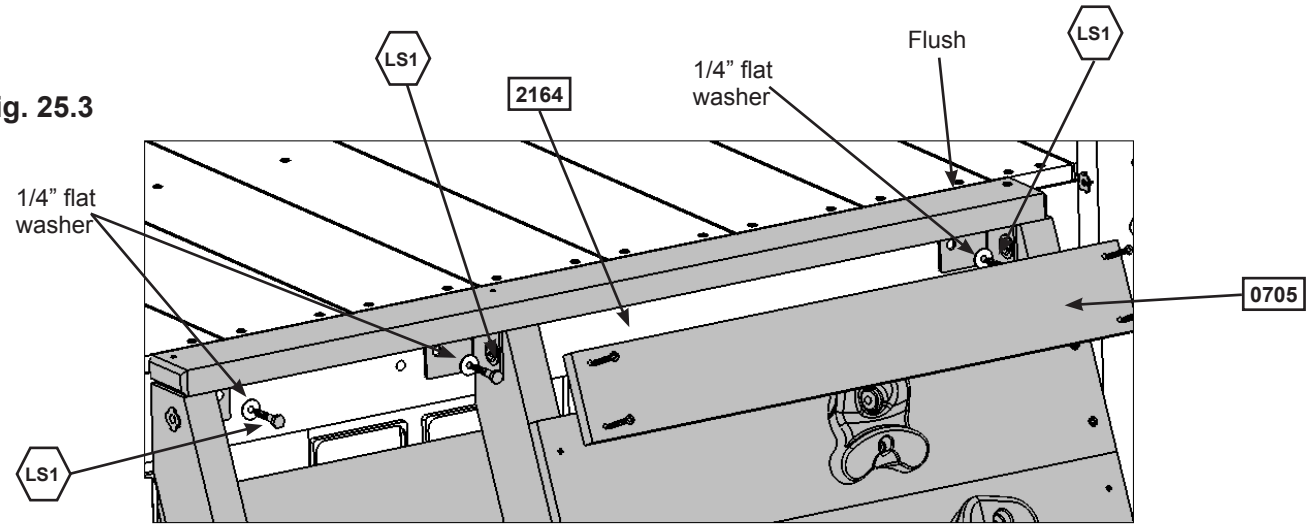


Fig. 25.3



Hardware

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

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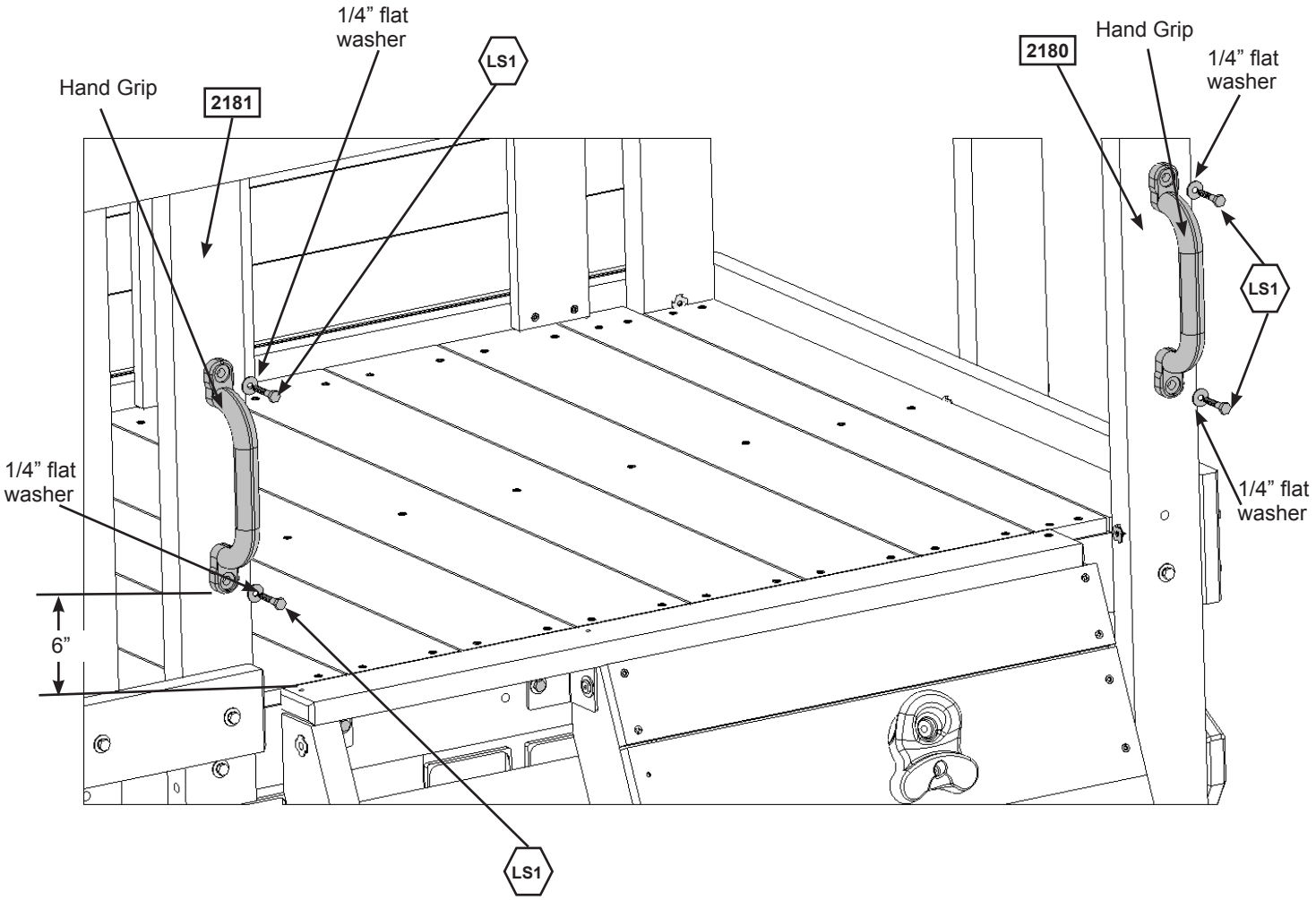
Step 26: Attach Hand Grips to Fort

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

A: Measure 6" up from the floor boards on both (2181) Short Post and (2180) Post then attach 1 Hand Grip per post with 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer) per Hand Grip. (fig. 26.1)

Fig. 26.1



Hardware

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

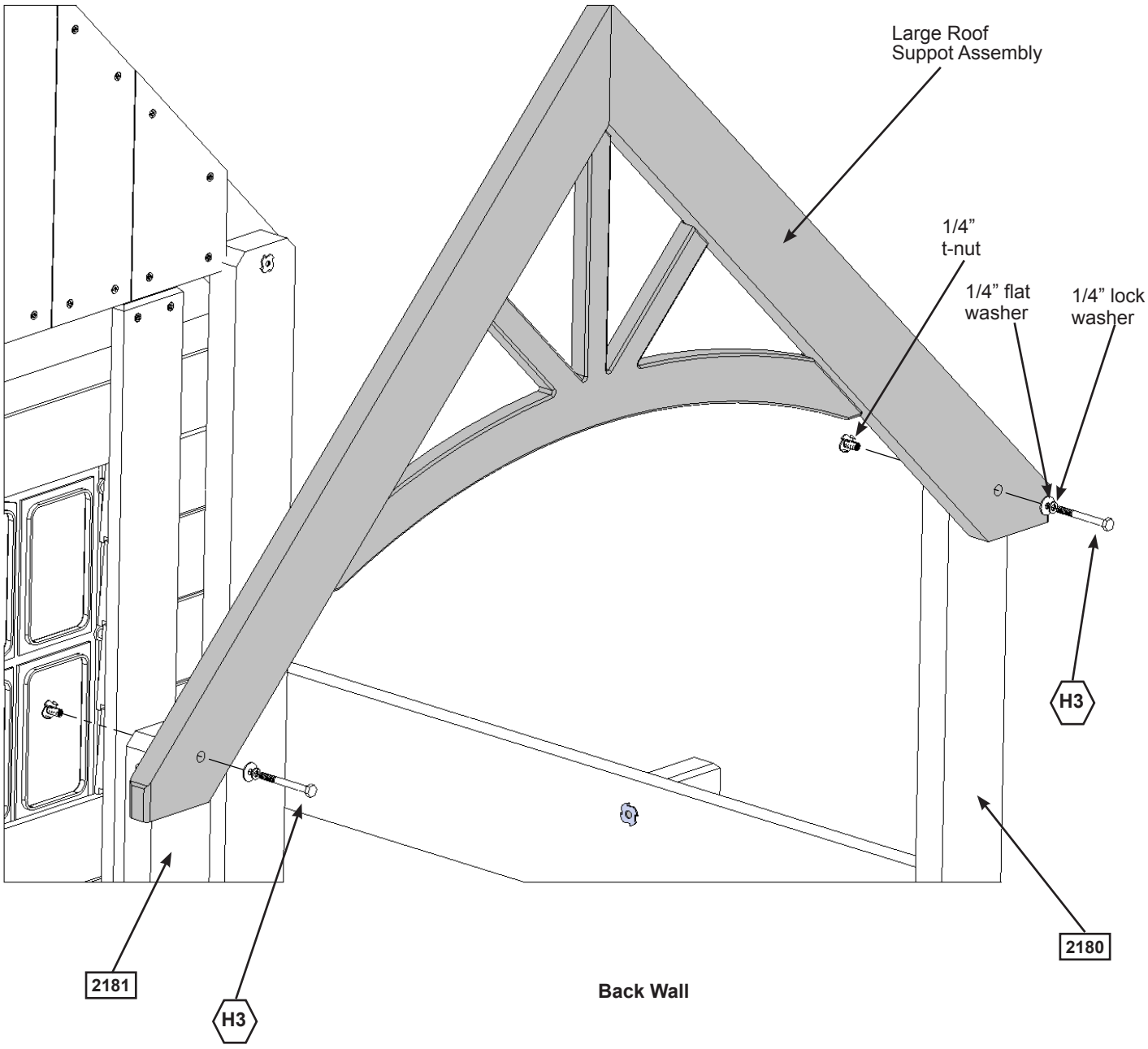
Other Parts

2 x Hand Grips

Step 27: Upper Back Wall Assembly Part 1

A: On the Back Wall attach the Large Roof Support Assembly with Peak Detail to (2180) Post and (2181) Short Post with 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut), as shown in fig. 27.1.

Fig. 27.1



Hardware

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

Step 27: Upper Back Wall Assembly Part 2

B: Tight to the bottom of (2243) Large Support L and (2244) Large Support and flush to the outside edges of (2180) Post and (2181) Short Post attach (2174) Back Arch to (2180) Post and (2181) Short Post with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 27.2)

C: Measure 9-1/2" from both (2180) Post and (2181) Short Post, then place 1 (0850) CE Wall Board at each marked out location, each flush to the top of (2174) Back Arch and attach to (2174) Back Arch and (2186) Back Front Wall with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 27.2 and 27.3)

Fig. 27.2
Outside View

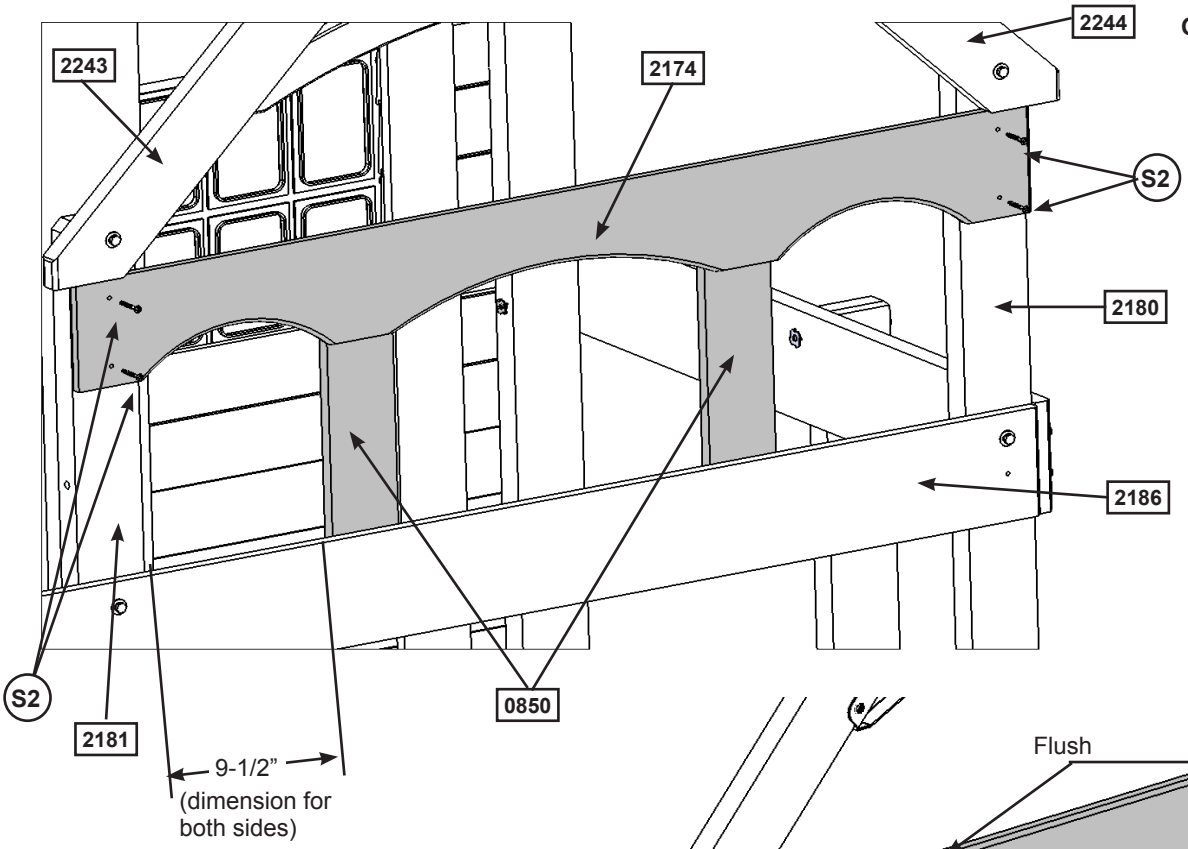
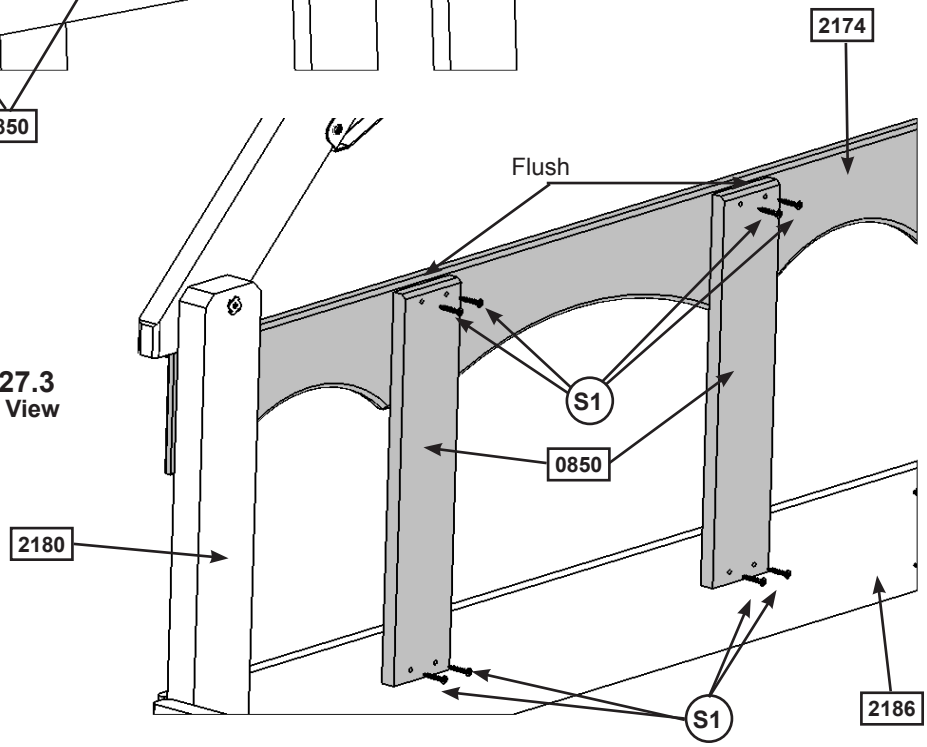


Fig. 27.3
Inside View



Wood Parts

1 x 2174 **Back Arch 1 x 6 x 48-7/8"**
2 x 0850 **CE Wall Board 1 x 4 x 17"**

Hardware

4 x (S2) **#8 x 1-1/2" Wood Screw**
8 x (S1) **#8 x 1-1/8" Wood Screw**

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Step 28: Lower Swing Wall Assembly Part 1

A: Tight to top of (2184) SW Ground and flush to the outside edges of both (2180) Posts attach (2193) Siding to both (2180) Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 28.1 and 28.2.

B: Install 5 more (2193) Siding directly above the first, attaching to both (2180) Posts, making sure there are no gaps between boards, with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 28.2)

C: Tight to the top of the last (2193) Siding attach (2190) Wall Board to both (2180) Posts with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 28.2)

Fig. 28.1

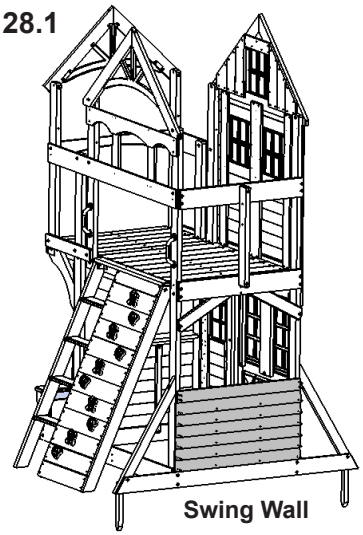
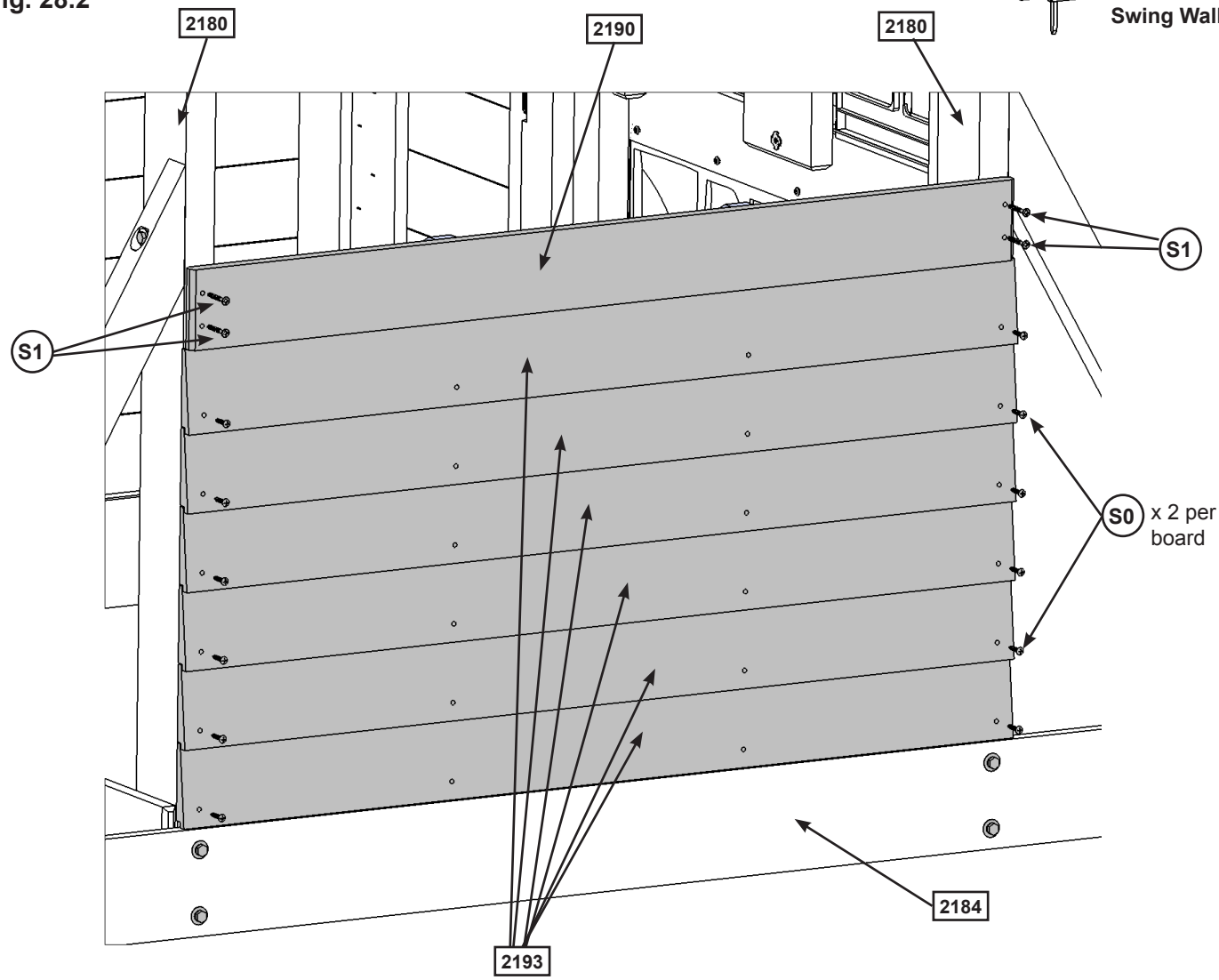


Fig. 28.2



Wood Parts

- 6 x 2193 Siding 3/8 x 3-1/2 x 38-1/2"
- 1 x 2190 Wall Board 1 x 4 x 38-1/2"

Hardware

- 12 x S0 #8 x 7/8" Truss Screw
- 4 x S1 #8 x 1-1/8" Wood Screw

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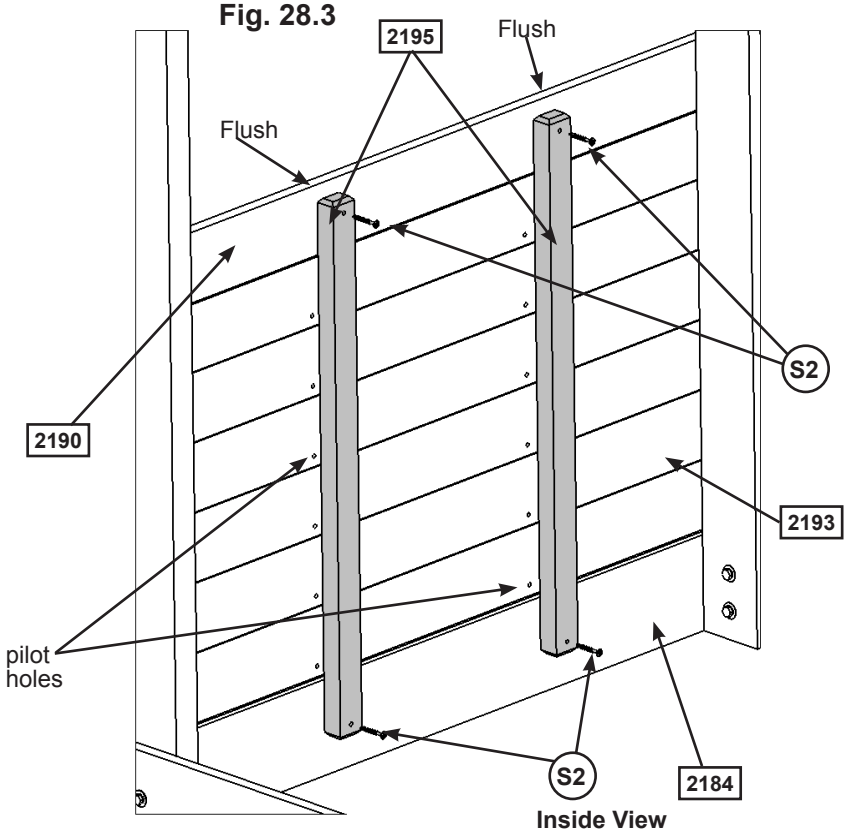
Step 28: Lower Swing Wall Assembly Part 2

D: From inside the assembly place (2195) Siding Upright over the pilot holes of the (2193) Siding and flush to the top of (2190) Wall Board. Attach to (2190) Wall Board and (2184) SW Ground with 2 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 28.3)

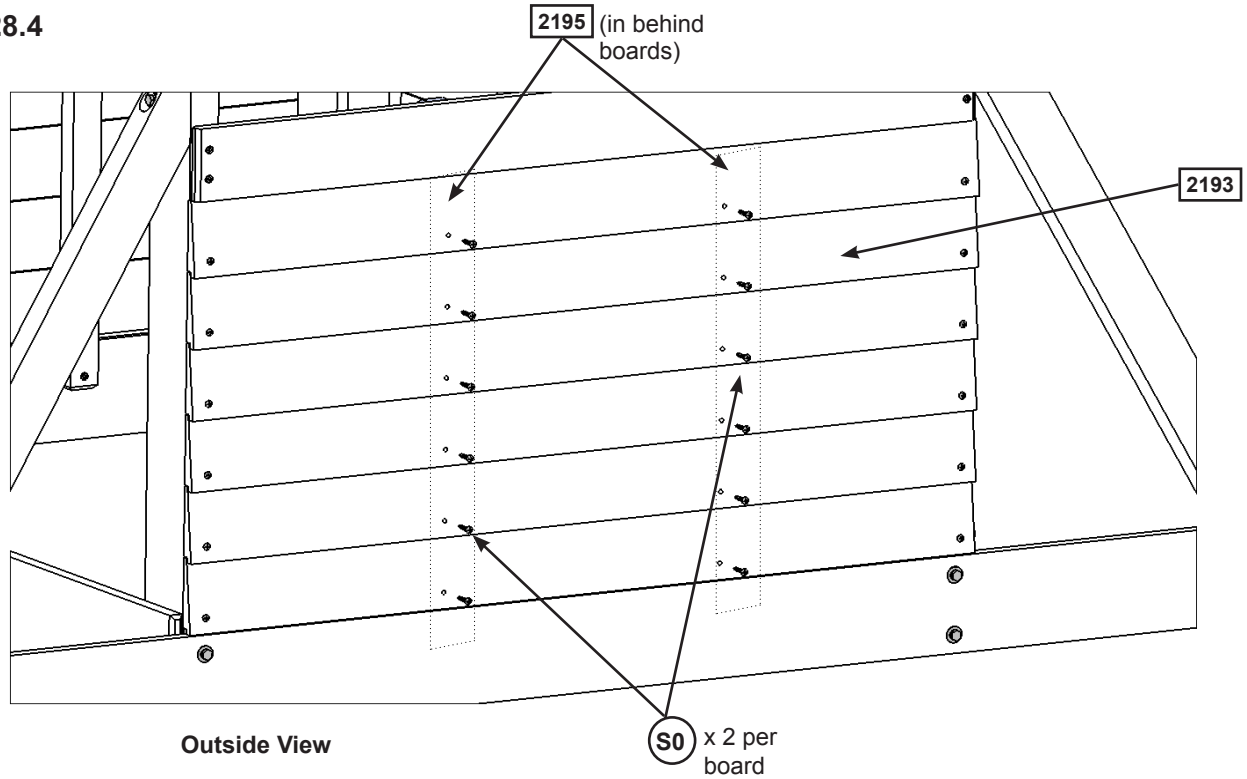
E: From outside of the assembly attach (2193) Siding to (2195) Siding Uprights with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 28.3 and 28.4)

Fig. 28.3



Inside View

Fig. 28.4



Outside View

Wood Parts

2 x 2195 **Siding Upright 5/4 x 2 x 25-1/4"**

Hardware

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

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

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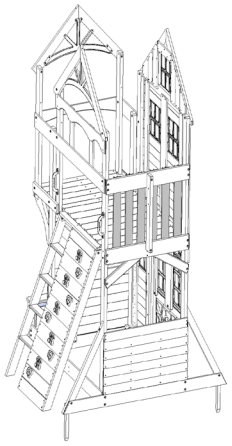
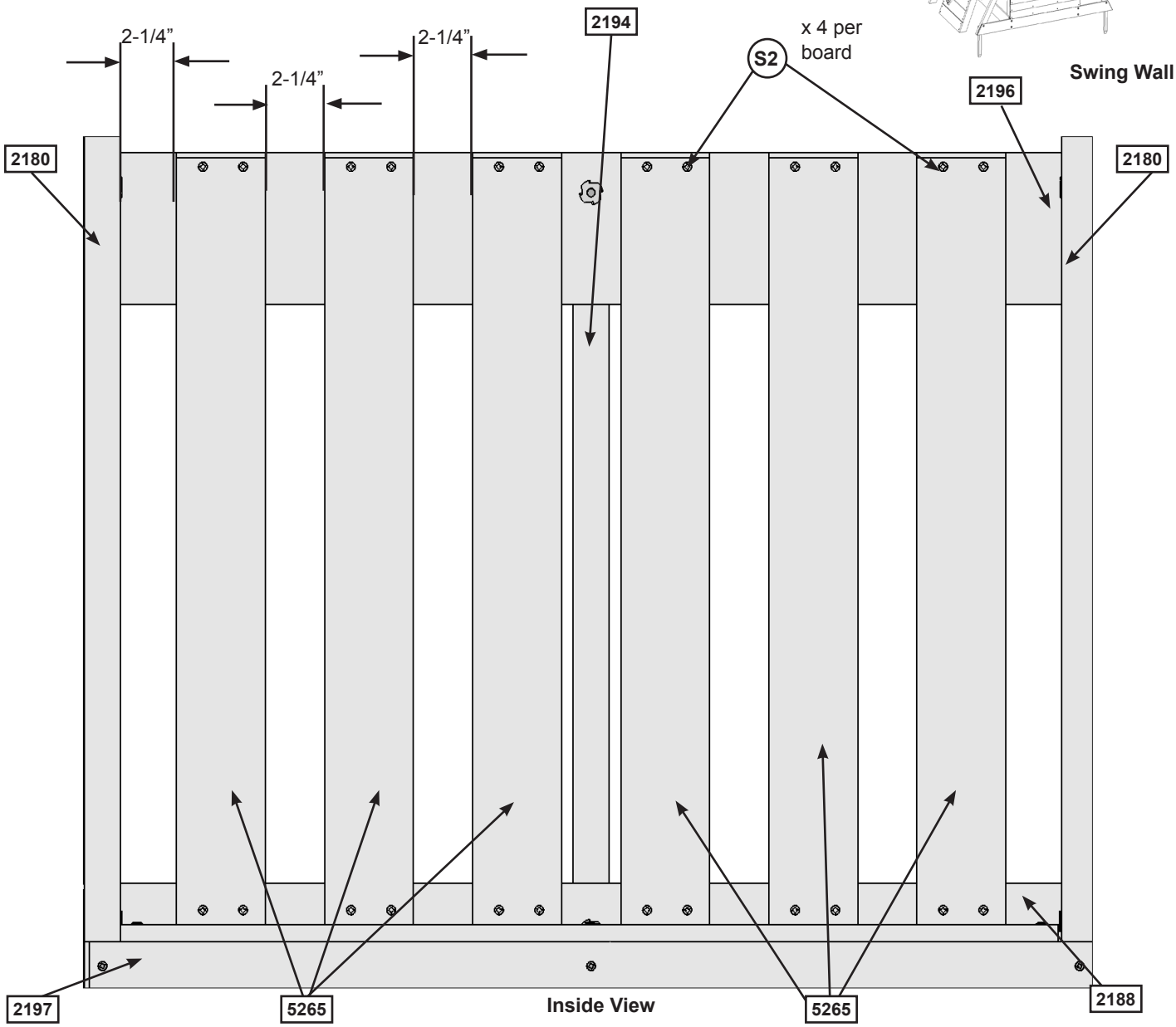
Step 29: Upper Swing Wall Assembly

Fig. 29.1



A: In between both (2180) Posts on Swing Wall side attach 6 (5265) Cedar Walls to (2188) SW End and (2196) SW Top using 4 (S2) #8 x 1-1/2” Wood Screws per board. Make sure the bottom of the boards are tight against (2197) Floor Board. Evenly space boards as shown below. Spacing must be 2-1/4” in between all boards. (fig. 29.1 and 29.2)

Fig. 29.2



Wood Parts

6 x 5265 Cedar Wall 1 x 4 x 28”

Hardware

24 x S2 #8 x 1-1/2” Wood Screw

Step 30: Upper Front and Back Wall Assembly

A: On the Slide Wall side, in between (2181) Short Post and (2182) Mid Post on both Front and Back Walls, evenly space and attach 2 (5265) Cedar Walls per wall to (2183) Front Rail and (2186) Back Front Wall on the Front Wall and to (2186) Back Front Wall and (2185) Lower Back on the Back Wall, 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. (fig. 30.1 and 30.2)

Fig. 30.1

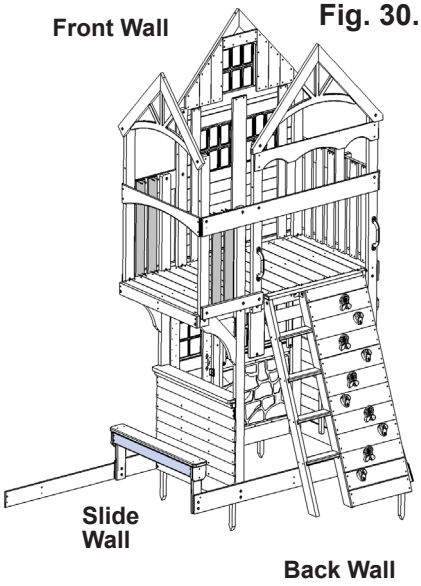
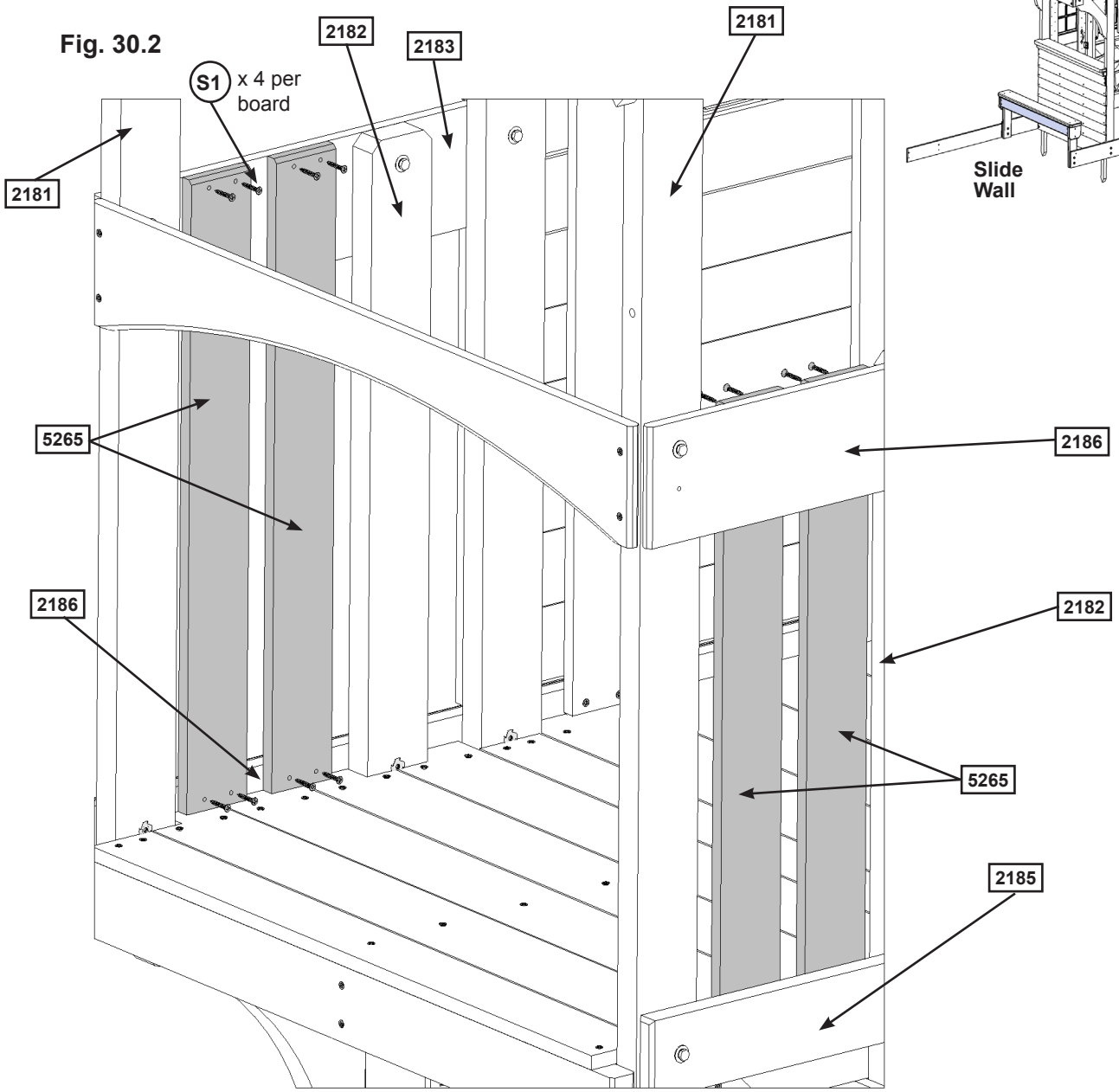


Fig. 30.2



Wood Parts

4 x 5265 Cedar Wall 1 x 4 x 28"

Hardware

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

Step 31: Large Roof Panel Assembly Part 1

A: Place (2329) Large V Panel on its edge and have a helper hold so it is stable. Starting flush to each bottom edge of the panel "V" carefully attach 4 Roof Valley II pieces, 2 per side (1 Left, 1 Right) as shown below, with 6 (S16) #6 x 1" Pan Screws per Roof Valley II L and 5 (S16) #6 x 1" Pan Screws per Roof Valley II R. (fig. 31.1 and 31.2)

B: Lean (2329) Large V Panel against (2304) Large Square Panel so the Large V Panel overlaps the Large Square Panel as shown in fig. 31.4. Attach the two panels together with 6 (S15) #8 x 1-3/4" Wood Screws (3 per side). (fig. 31.3 and 31.4)

Fig. 31.1

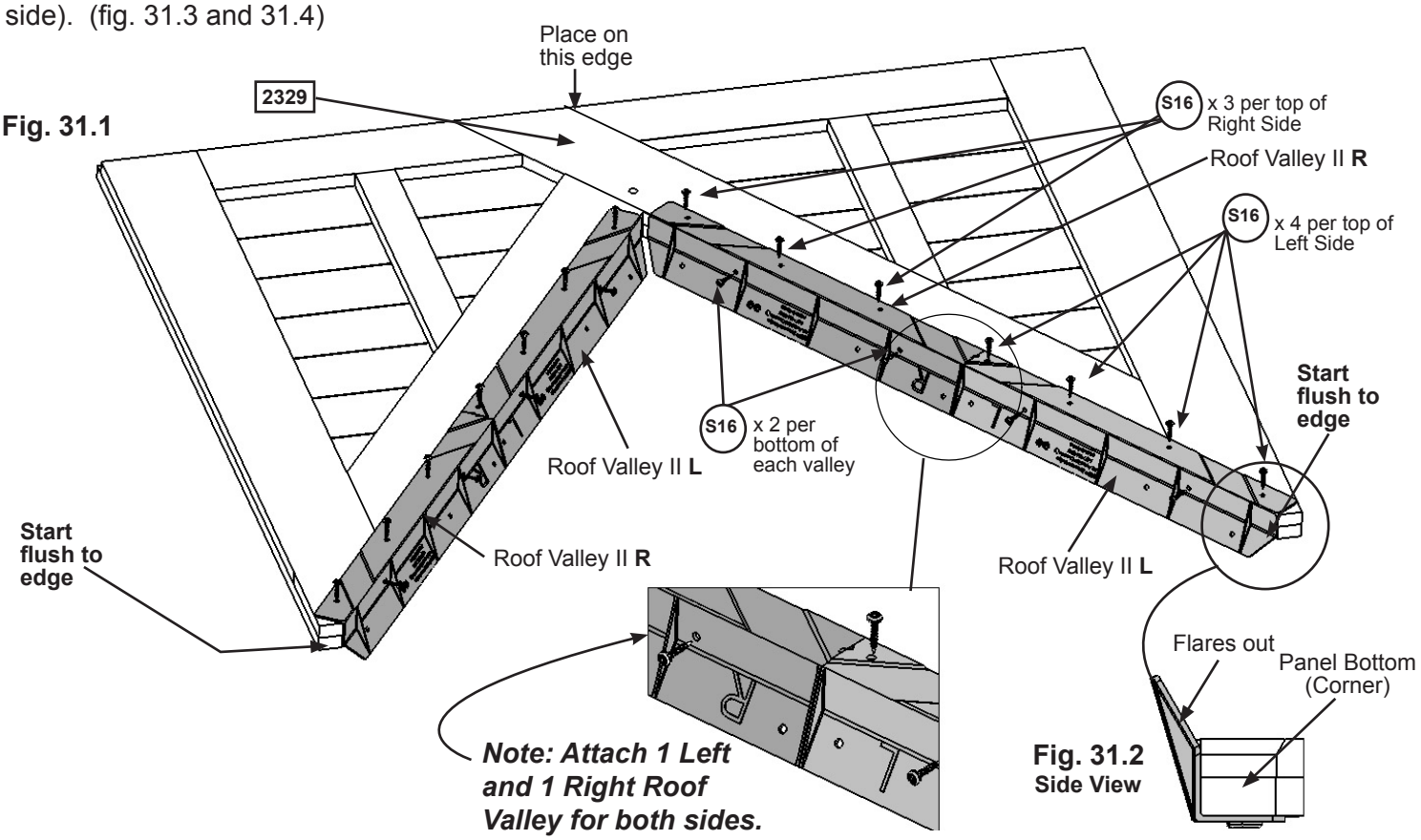


Fig. 31.2
Side View

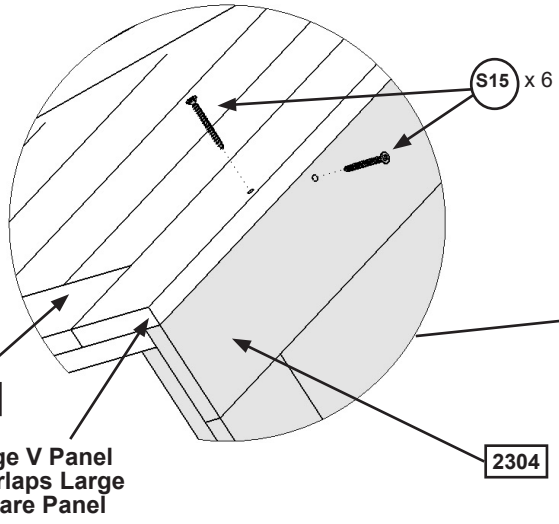
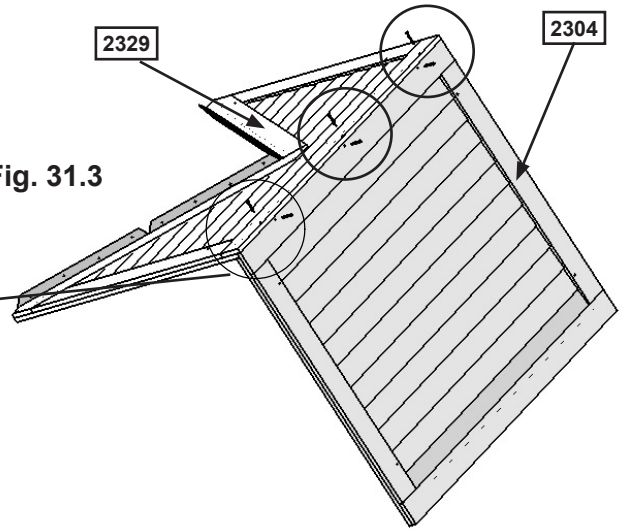


Fig. 31.3



Wood Parts

1 x 2329 Large V Panel 1-1/4 x 39 x 44-1/4"
1 x 2304 Large Square Panel 1-1/4 x 39 x 44-1/4"

Hardware

6 x S15 #8 x 1-3/4" Wood Screw
22 x S16 #6 x 1" Pan Screw

Other Parts

1 x Roof Valley II (Pkg of 4)

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Step 31: Large Roof Panel Assembly Part 2

C: Lift Large Roof Panel Assembly on to fort and place on each Large Roof Support Assemblies so (2329) Large V Panel faces the Slide Wall and the pilot holes are centred over the Roof Supports. (fig. 31.5 and 31.6).

D: Attach Large Roof Panel Assembly to each (2243) Large Support L and each (2244) Large Support with 8 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 31.6.

Fig. 31.5

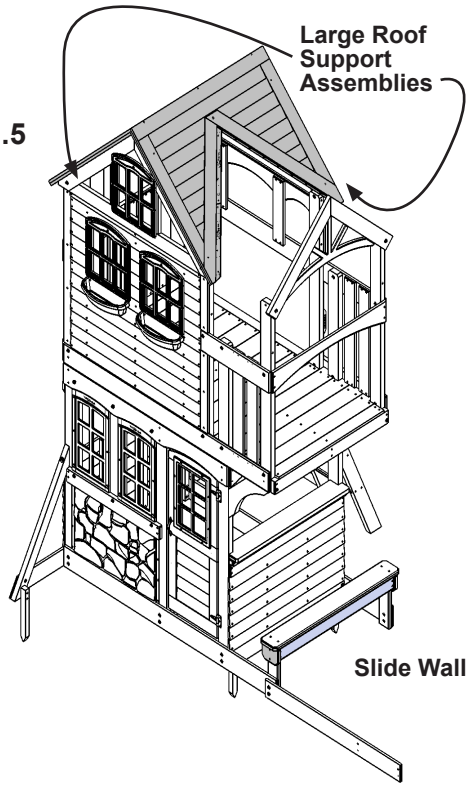
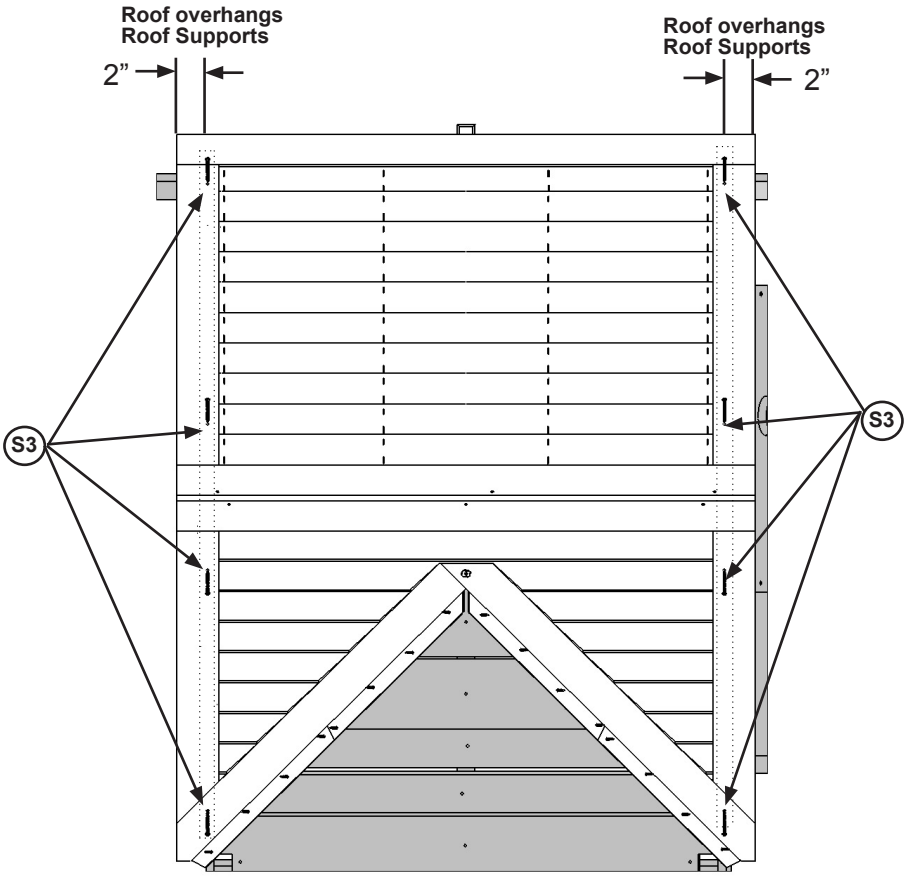


Fig. 31.6
Top View



Hardware

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

Step 32: Small Roof Panel Assembly Part 1

A: Lean (2295) Right Roof Panel against (2276) Left Roof Panel so the Right Panel overlaps the Left panel as shown in fig. 31.2. Attach the two panels together with 6 (S15) #8 x 1-3/4" Wood Screws (3 per side). (fig. 32.1 and 32.2)

B: Lift Small Roof Panel Assembly on to fort and place on (2241) Roof Support L and (2242) Roof Support and resting on the Roof Valleys of the Large Roof Panel Assembly. Attach to the remaining holes in the Roof Valleys with 4 (S16) #6 x 1" Pan Screws per Roof Valley. (fig. 32.3 and 32.4).

Fig. 32.3

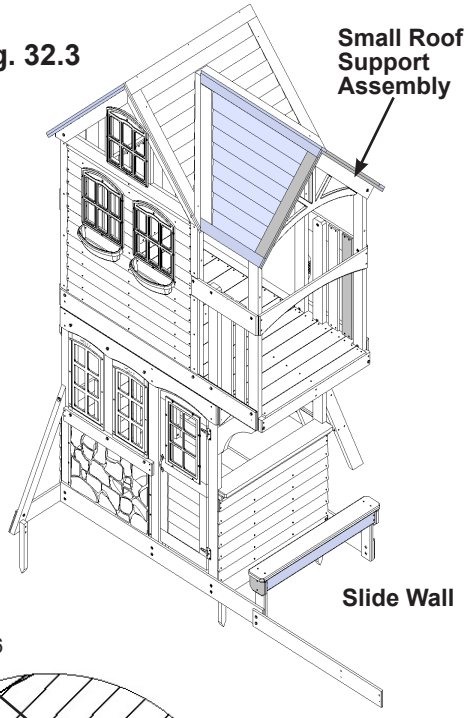


Fig. 32.1

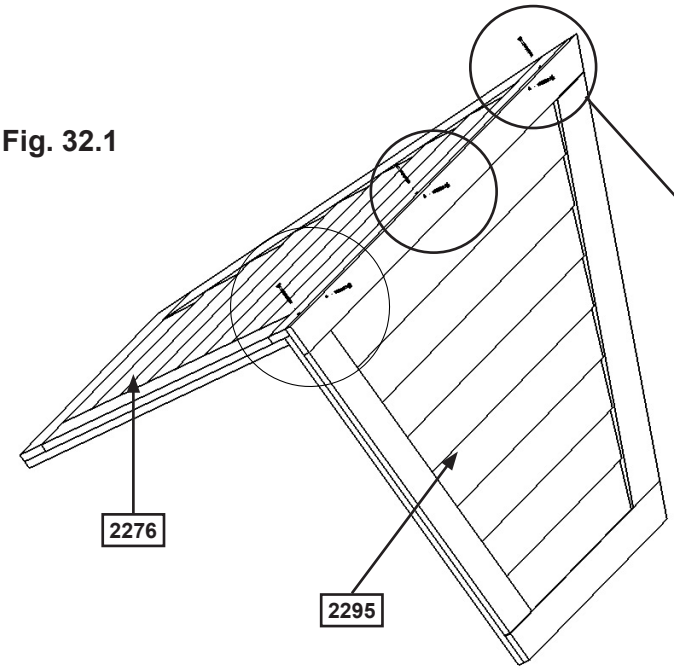


Fig. 32.2

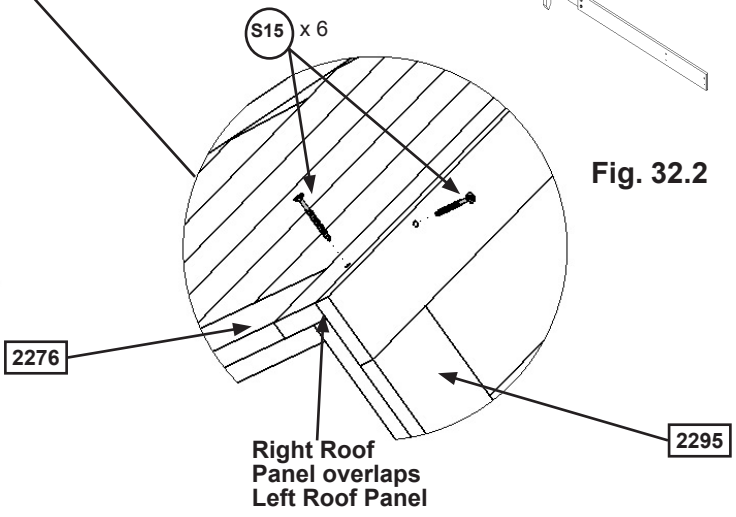
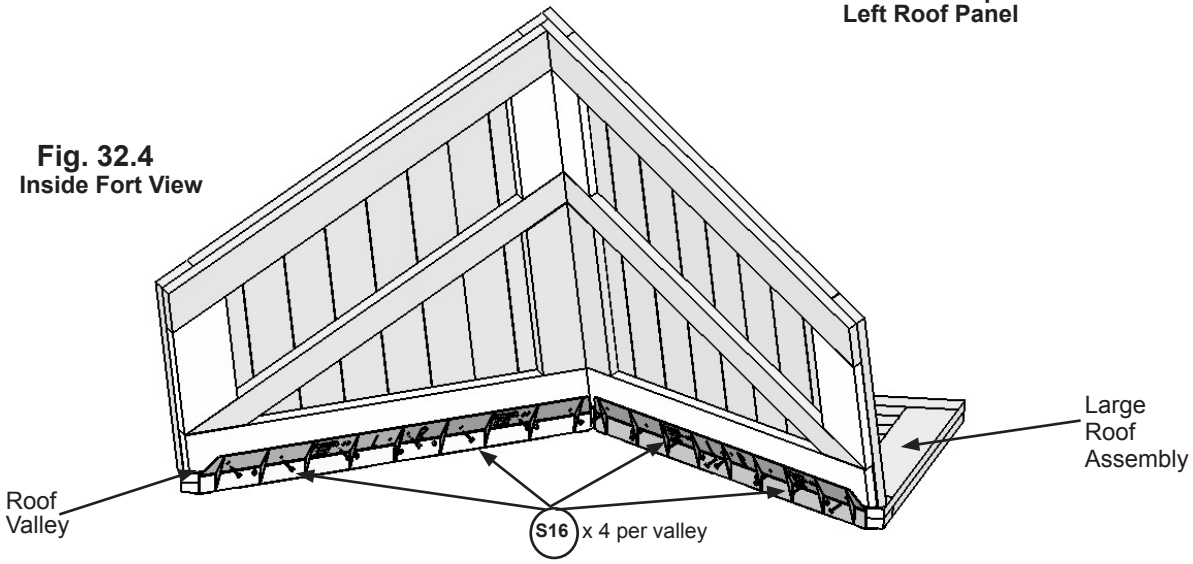


Fig. 32.4
Inside Fort View



Wood Parts

1 x 2295 **Right Roof Panel 1-1/4 x 31-1/2 x 43"**
1 x 2276 **Left Roof Panel 1-1/4 x 31" x 42-9/16"**

Hardware

6 x S15 **#8 x 1-3/4" Wood Screw**
16 x S16 **#6 x 1" Pan Screw**

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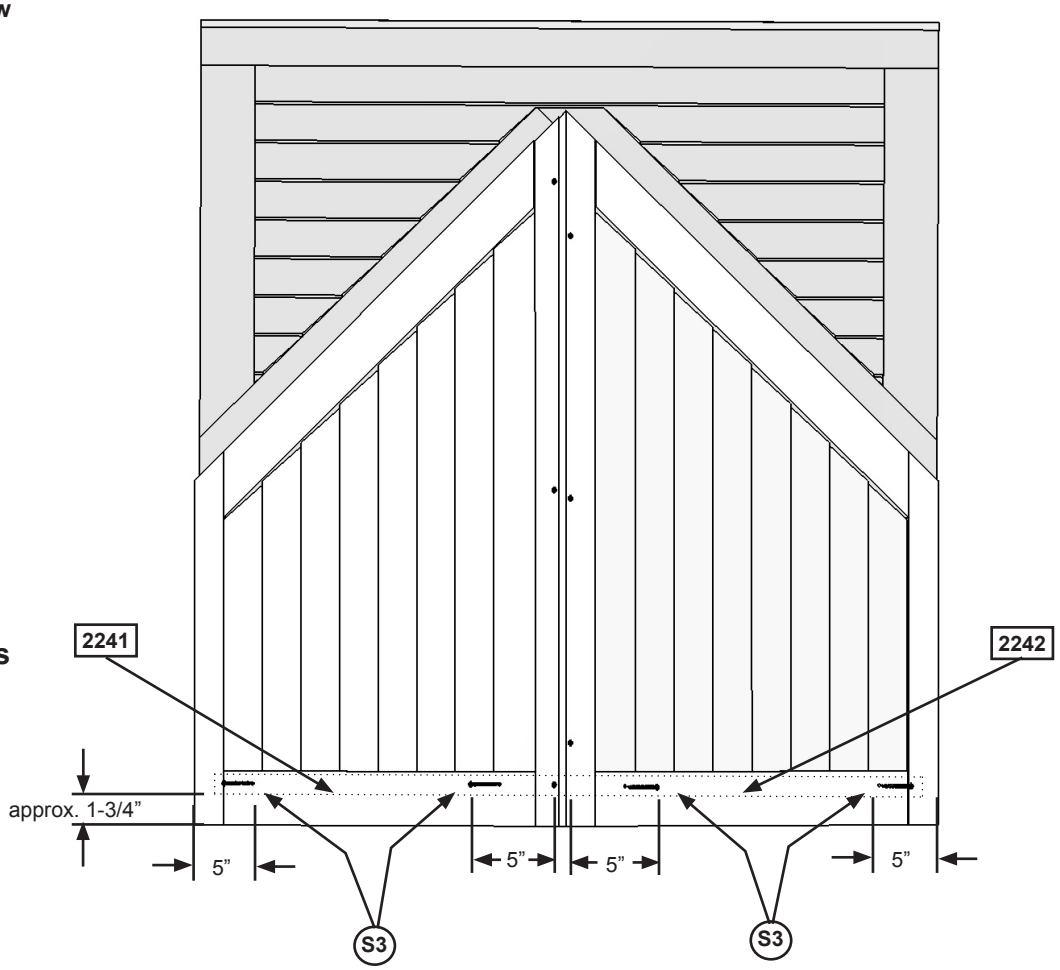
Step 32: Small Roof Panel Assembly Part 2

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

C: The Small Roof Panel Assembly should overhang (2241) Roof Support L and (2242) Roof Support by approximately 1-3/4”. The 2 lower screws should be placed 5” from the bottom of the panel. The 2 upper screws should be placed 5” from the peak of the panel. See fig. 32.5 for accurate placement of screws. Once holes are pre-drilled, attach using 4 (S3) #8 x 2-1/2” Wood Screws.

Fig. 32.5
Top View



Hardware

4 x (S3) #8 x 2-1/2” Wood Screw

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Step 33: Attach Swing Assembly to Fort

A: Attach Swing Assembly from Step 5 to (2194) 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. 33.1 and 33.2.

B: Drive 1 (0318) Ground Stake 10-1/2” into the ground at each (1863) SW Post on the outside of the assembly and attach with 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 33.2 and 33.3)

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

Fig. 33.2

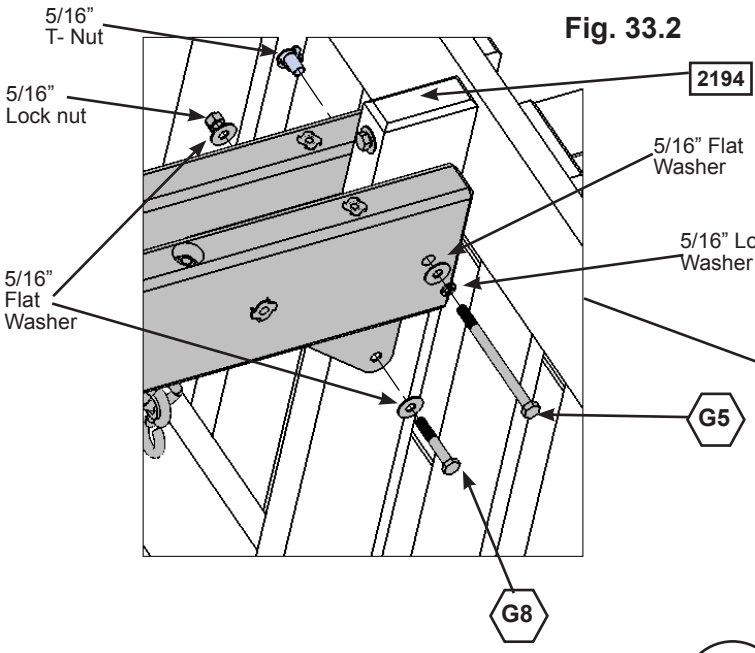


Fig. 33.1

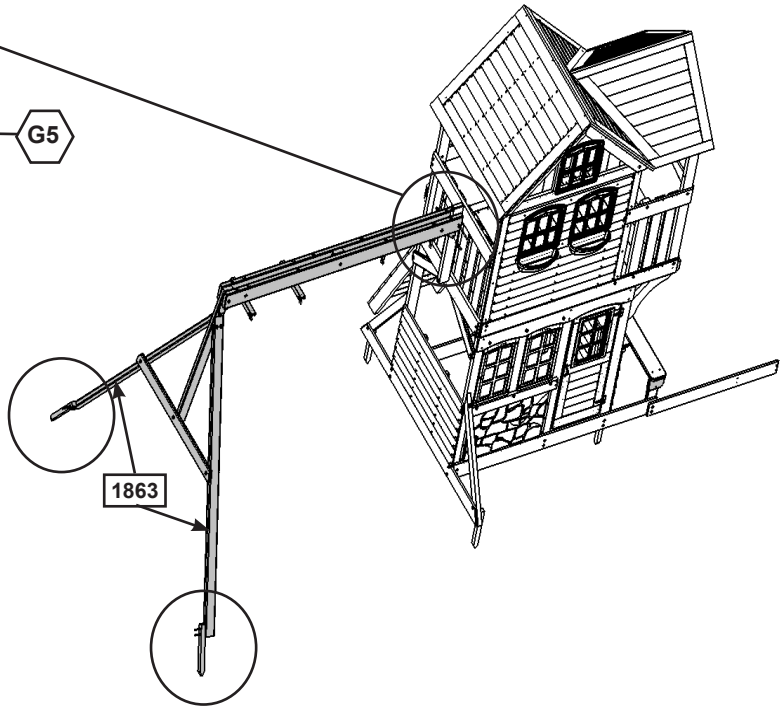
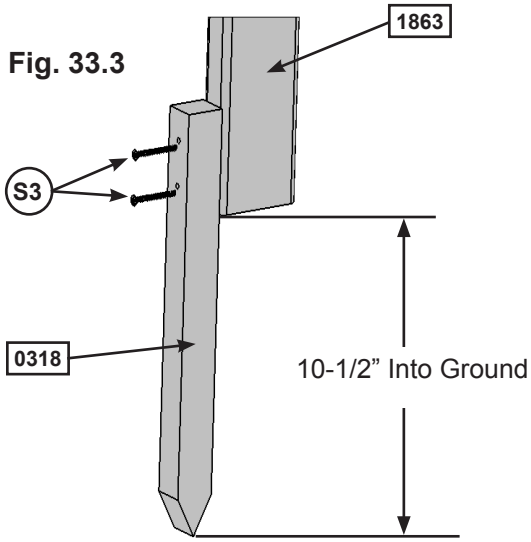


Fig. 33.3



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

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

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

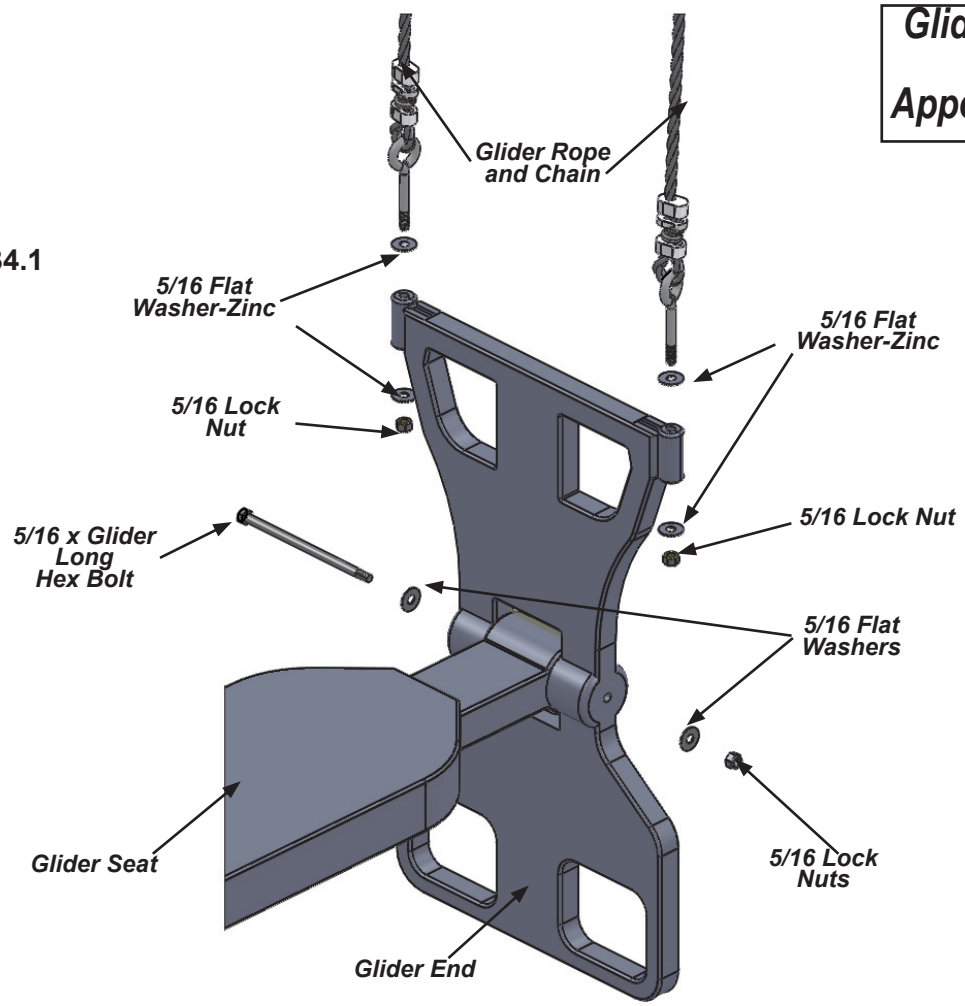
Step 34: Glider Assembly

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. 34.1)

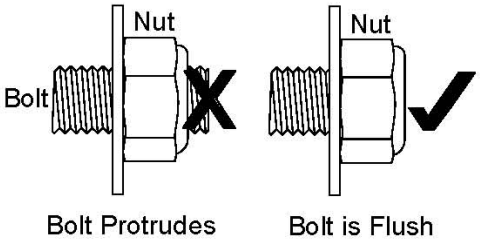
B: Install 2 Glider Rope with Chains into each Glider End using 2 - 5/16" Flat Washers and 1 Lock Nut per rope. (fig. 34.1)

Glider may not be as shown.
Appearance may vary.

Fig. 34.1



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



Hardware		Other Parts
2 x	5/16" Glider Long Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)	2 x Glider End
8 x	5/16" Flat Washer	1 x Glider Seat
4 x	5/16" Lock Nut	1 x Glider Rope and Chain (pkg of 4)

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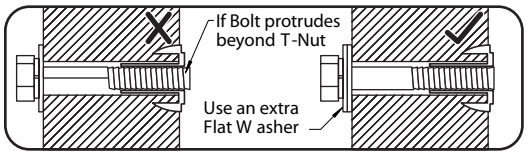
Step 35: Attach Glider and Swings

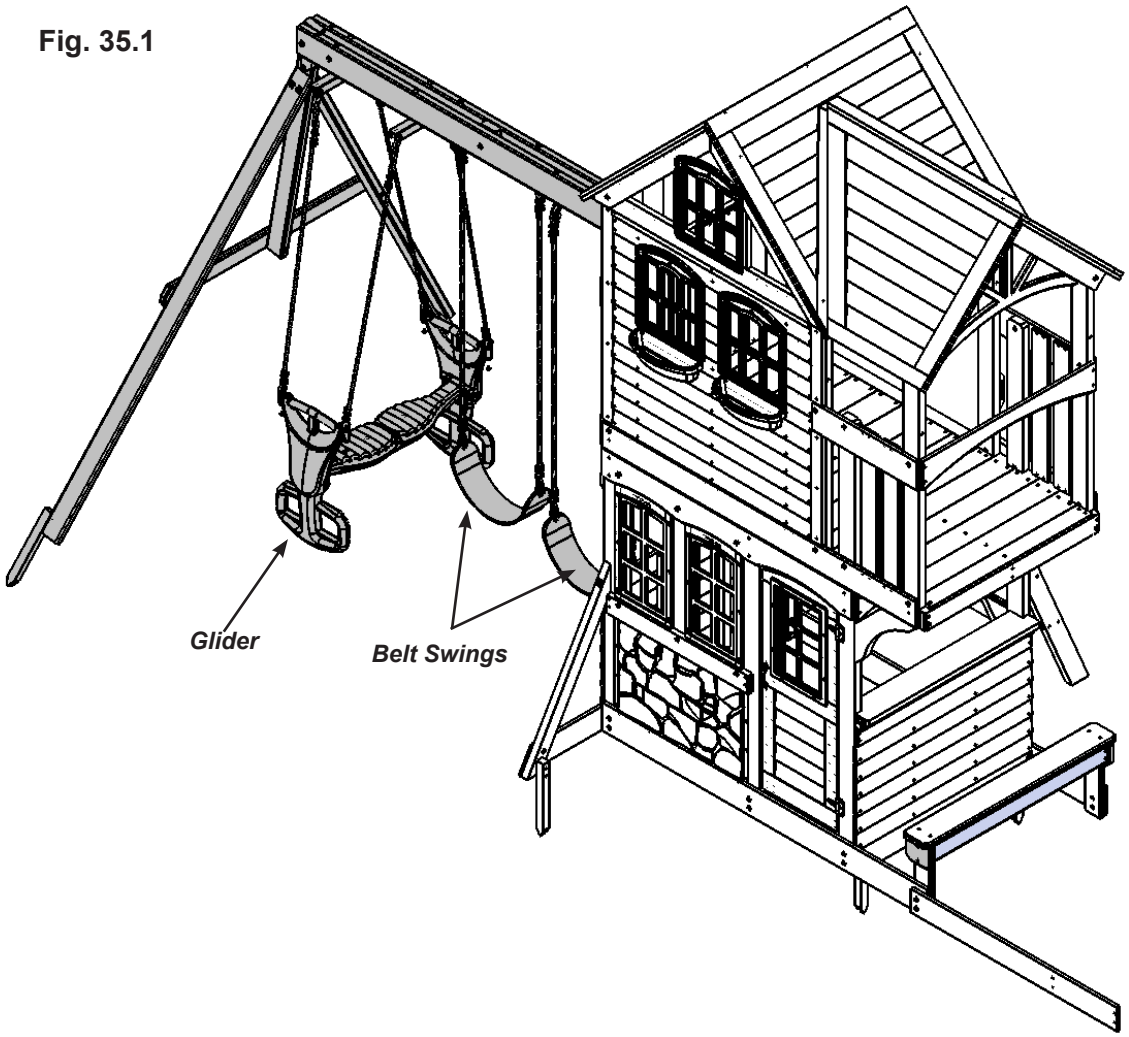
⚠WARNING: Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Connect the assembled Glider to the Glider Hangers previously installed. (fig. 35.1)

B: Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 35.1)

Fig. 35.1



Other Parts

2 x Belt Swings

Step 36: Assemble Spiral Wave Slide

A: Assemble the top, middle and bottom sections using the tongue and groove as a guide. Push together until snaps engage. (fig. 36.1 & 36.2)

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. 36.2 for accurate screw placement.

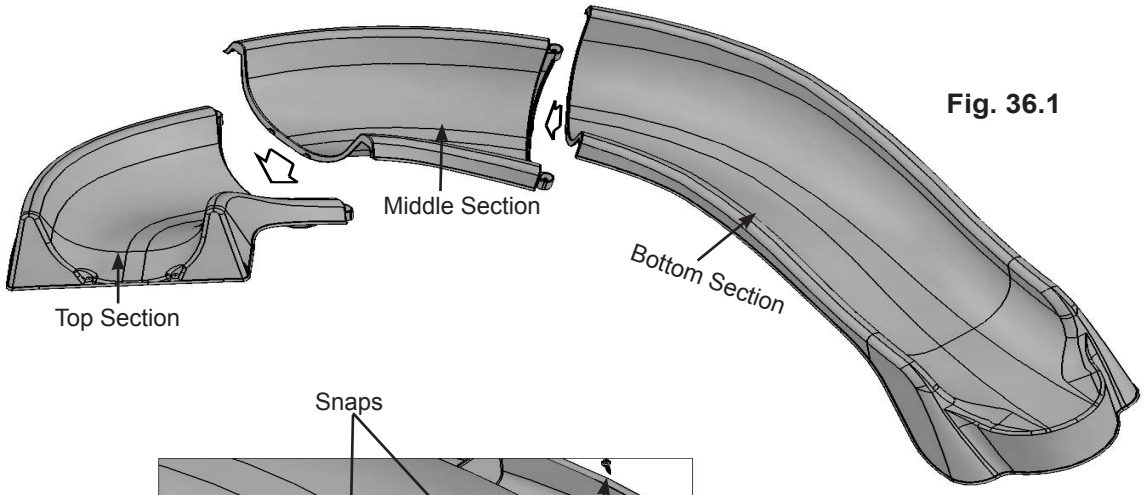


Fig. 36.1

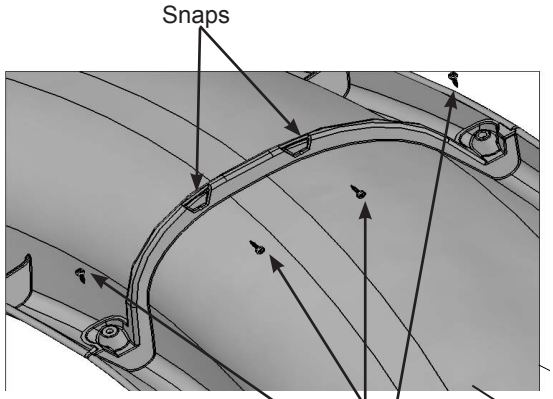


Fig. 36.2

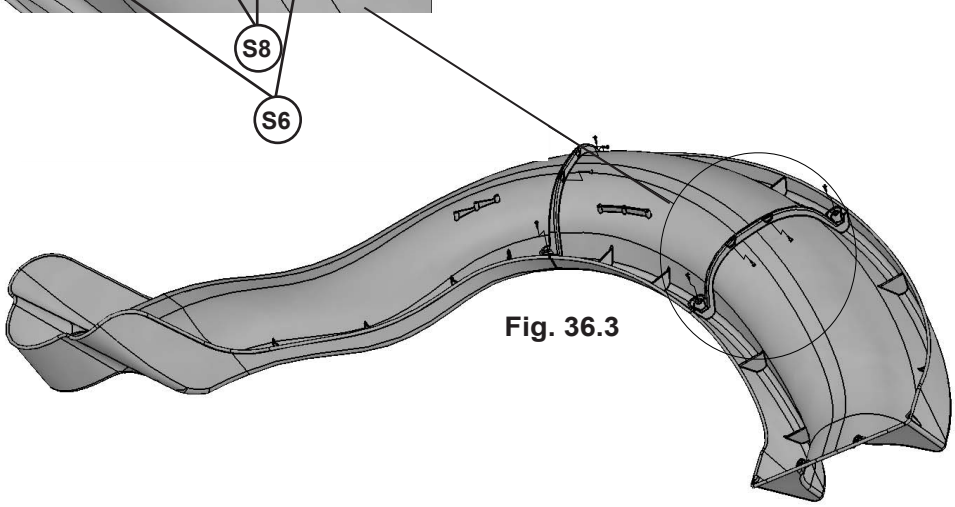


Fig. 36.3

Hardware

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

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

Other Parts

1 x Top Section

1 x Middle Section

1 x Bottom Section

Step 37: Slide Support Assembly Part 1

A: Attach 1 (4909) SW Block to (2256) SL Upright and (0826) Short Upright using 2 (S3) #8 x 2-1/2” Wood Screws per block. (fig. 37.1 and 37.2)

Fig. 37.1

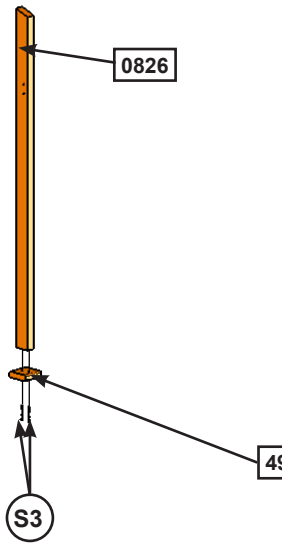
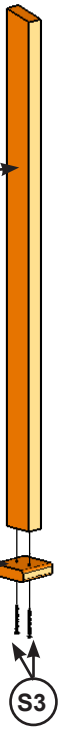


Fig. 37.2



Wood Parts

1 x 2256 SL Upright 2 x 3 x 52-1/2”
1 x 0826 Short Upright 2 x 3 x 44-3/4”
2 x 4909 SW Block 5/4 x 4 x 3-1/2”

Hardware

4 x (S3) #8 x 2-1/2” Wood Screw

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Step 37: Slide Support Assembly Part 2

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

B: At the end of (2175) SL Brace dig one, flat bottom, 8” wide by 6” deep hole as shown in fig. 37.3 and 37.4. Place (2256) SL Upright in the hole, making sure that it is plumb. Notice the angled edge slopes towards (2175) SL Brace. (fig. 37.3)

Fig. 37.3

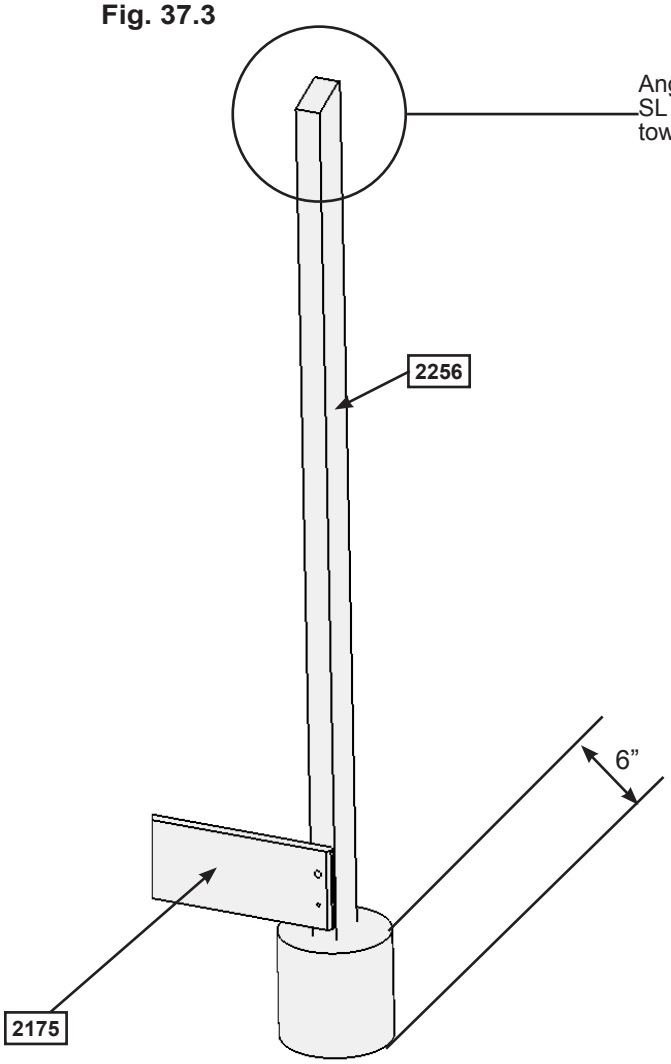
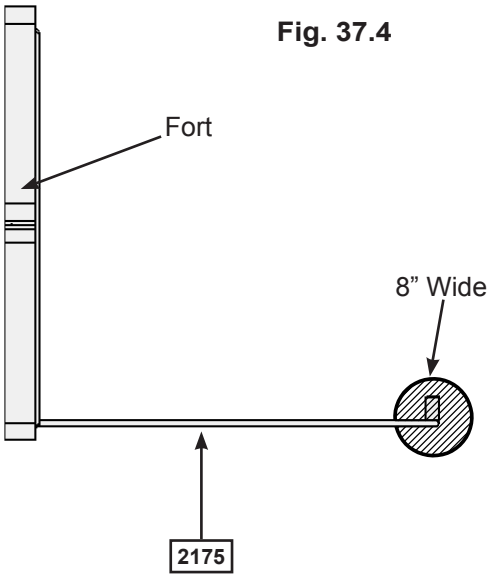


Fig. 37.4



Top View

Step 37: Slide Support Assembly Part 3

C: Place (2199) Mid Upright beside (2256) SL Upright making sure that it is plumb. Notice the angled edge slopes towards (2175) SL Brace. (fig. 37.5)

D: Loosely attach (2199) Mid Upright and (2256) SL Upright to (2175) SL Brace with 1 (H12) 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut) per board. (fig. 37.5)

E: Refill hole halfway with soil and compact making sure (2256) SL Upright stays plumb. Finish filling and compacting. (fig. 37.5)

F: Tighten bolts in (2199) Mid Upright and (2256) SL Upright then attach uprights to (2175) SL Brace with 1 (S15) #8 x 1-3/4" Wood Screws per board. (fig. 37.5)

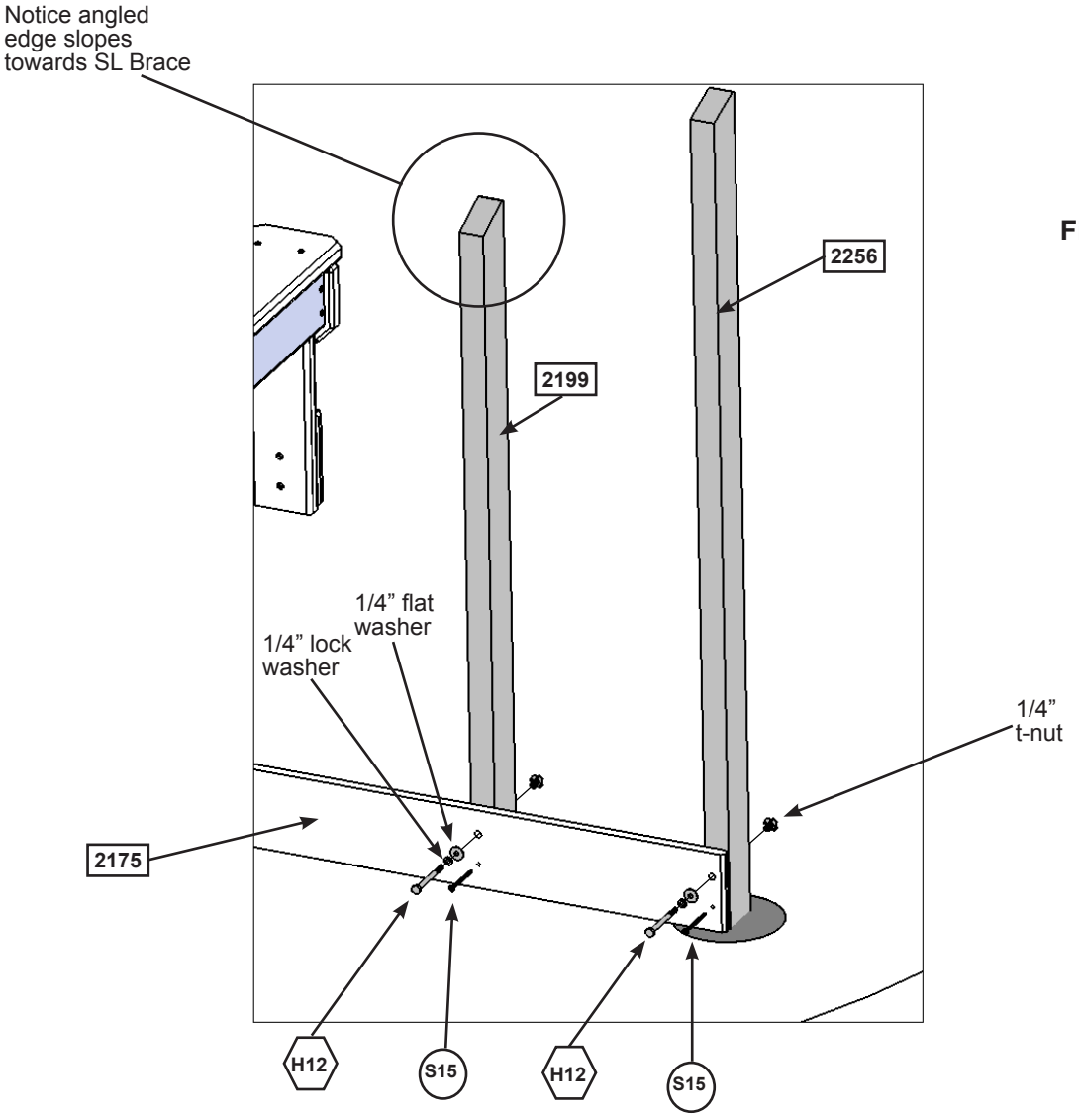


Fig. 37.5

Wood Parts

1 x 2199 **Mid Upright 2 x 3 x 38-3/4"**

Hardware

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

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

Step 37: Slide Support Assembly
Part 4

G: Place Slide in the centre between (2181) Short Posts on the Slide Wall. Slide should be centred over (2187) SL End and rest on the uprights. (fig. 37.6, 37.7 and 37.8)

H: Attach slide to fort through the (2197) Floor Board and into (2187) SL End using 4 (S7) #12 x 2" Pan Screws. (fig. 37.7 and 37.8)

Fig. 37.7

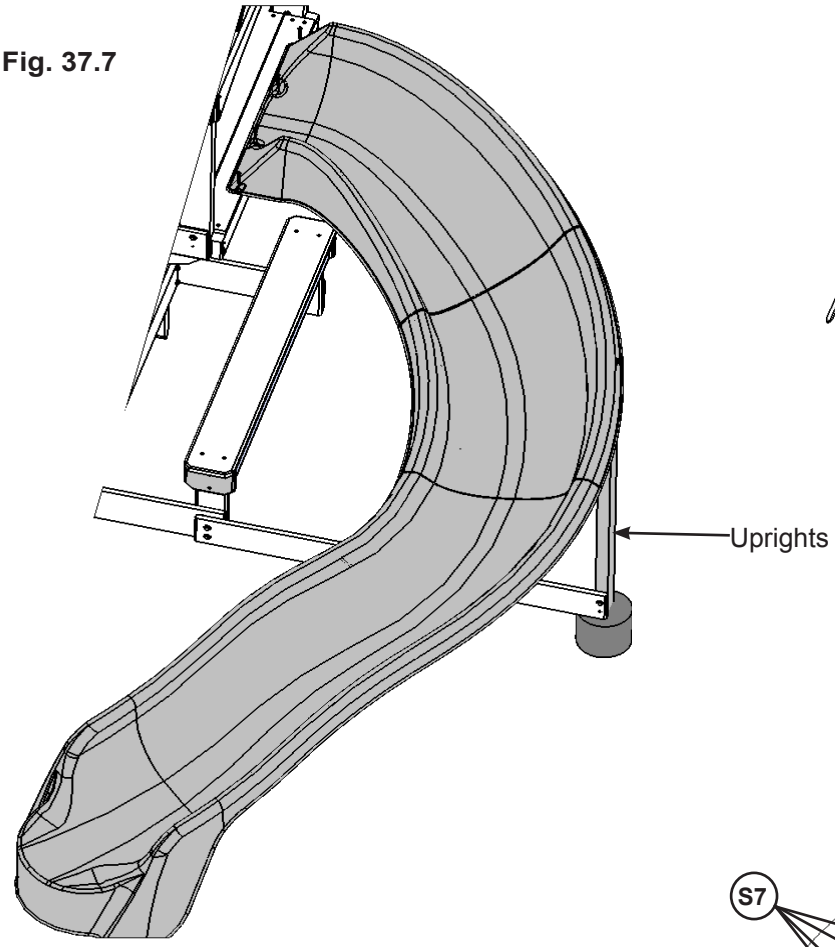
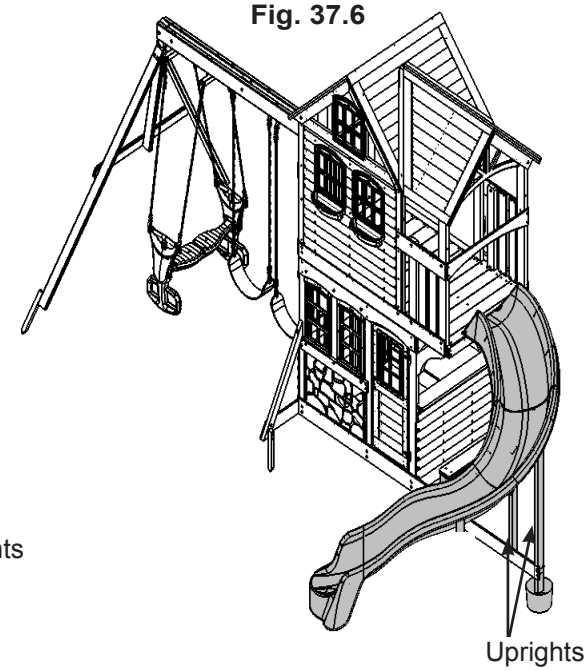
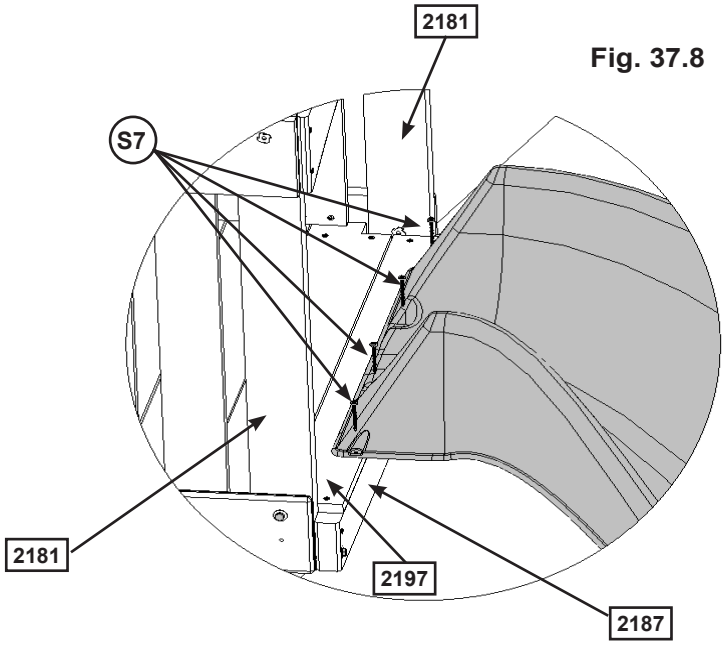


Fig. 37.6



Note: Slide must be centred in opening

Fig. 37.8



Hardware

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

Step 37: Slide Support Assembly
Part 5

I: Place (0826) Short Upright, from Step 37.1, under the bottom section of the slide, in the rails between emboss #1 and #2, as shown in fig. 37.9 and 37.10. (0826) Short Upright must be plumb. Mark location on the ground then remove the board.

J: Dig one, flat bottom, 8” wide by 6” deep hole as previously done in Step 37, Part 2. Place (0826) Short Upright in the hole, making sure that it is still plumb. (fig. 37.10)

K: Refill hole halfway with soil and compact making sure (0826) Short Upright stays plumb. Finish filling and compacting. (fig. 37.10)

Fig. 37.10

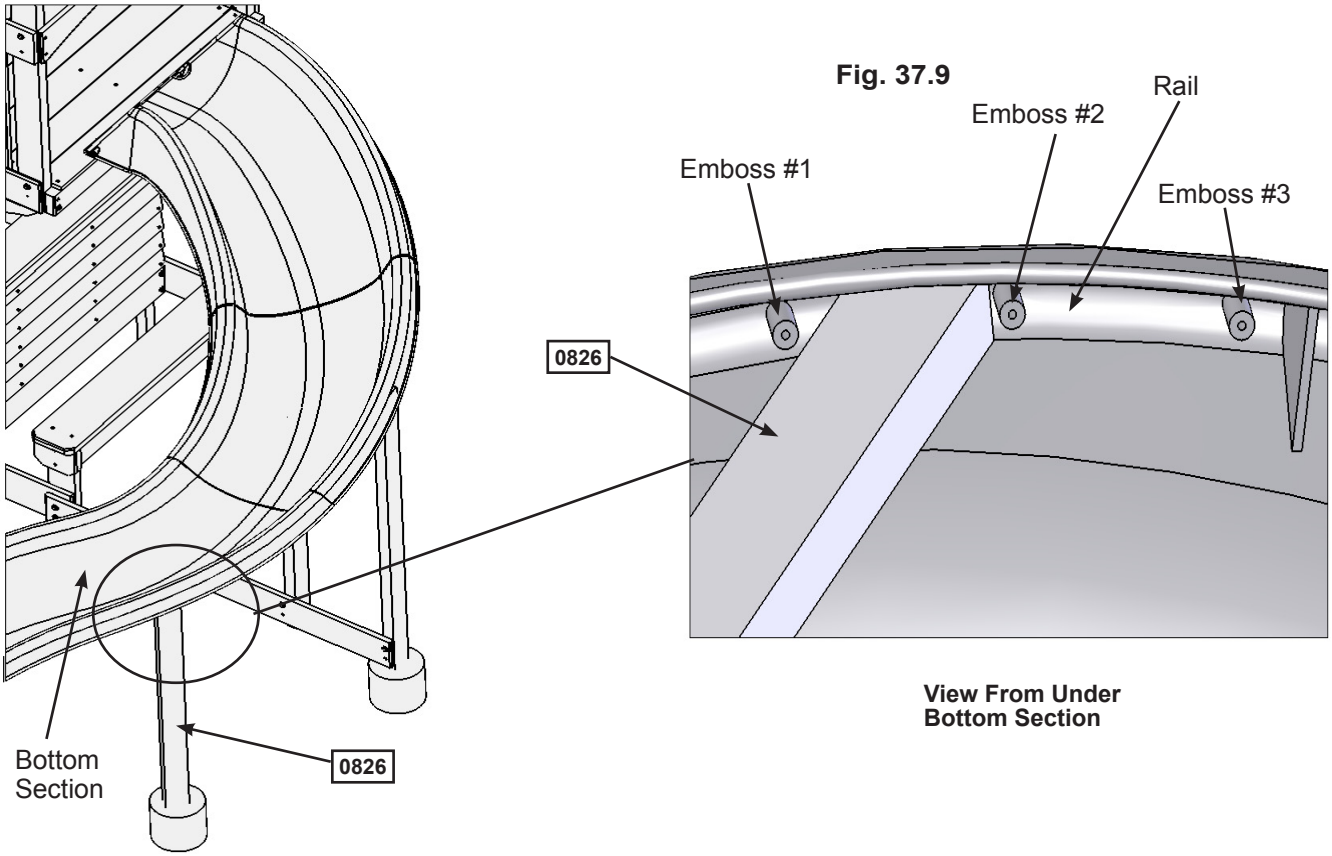


Fig. 37.9

View From Under Bottom Section

Step 37: Slide Support Assembly
Part 6

L: See fig. 37.15 for Spiral Wave Bracket example. Bend bracket to fit as necessary.

M: Align (2256) SL Upright between holes on underside of Mid Section of the slide and attach using 1 Spiral Wave Bracket with 2 (S6) #12 x 1" Pan Screws as shown in fig. 37.11 and 37.12.

N: Attach (0826) Short Upright to the Bottom Section of the slide using 1 Spiral Wave Bracket with 2 (S6) #12 x 1" Pan Screws as shown in fig. 37.11 and 37.13.

O: Attach Mid Section of slide to (2199) Mid Upright using 1 Spiral Wave Bracket with 3 (S6) #12 x 1" Pan Screws as shown in fig. 37.11 and 37.14.

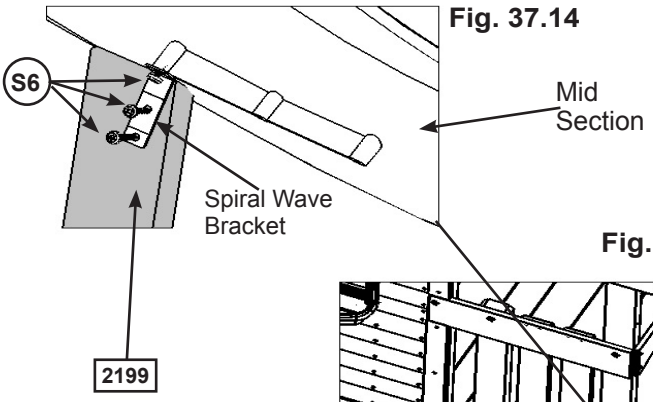


Fig. 37.14

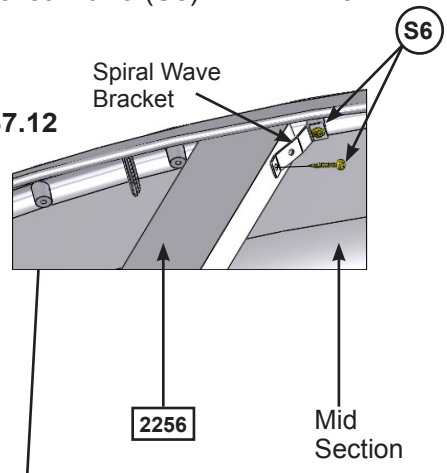


Fig. 37.12

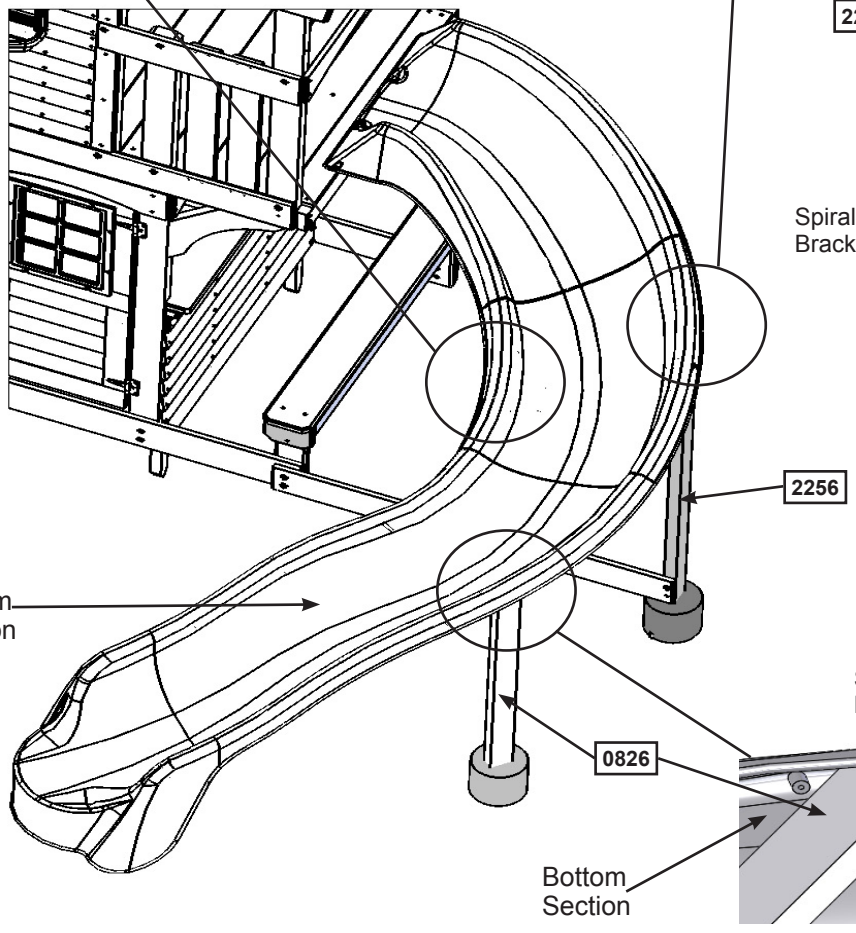


Fig. 37.11

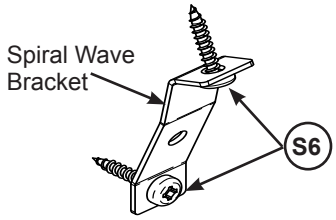


Fig. 37.15

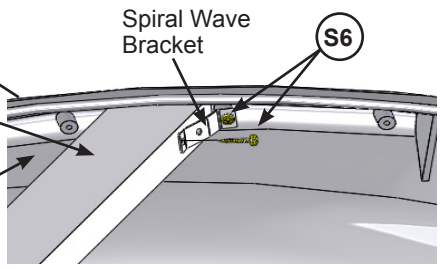


Fig. 37.13

Hardware

7 x (S6) #12 x 1 Pan Screw

Other Parts

3 x Spiral Wave Brackets

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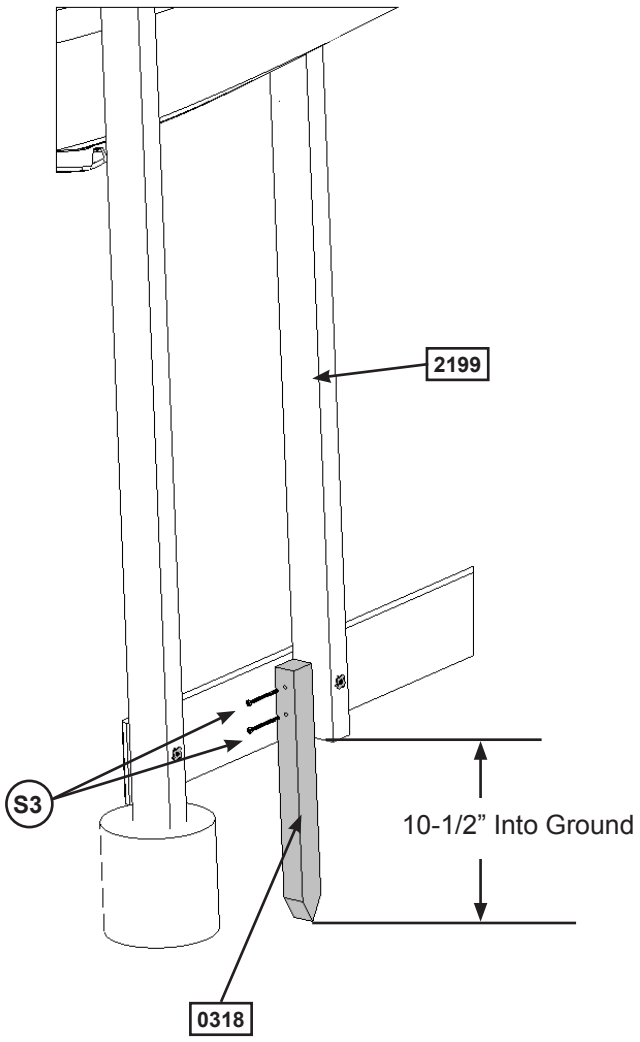
Step 38: Attach Ground Stake to Mid Upright

A: Drive 1 (0318) Ground Stake 10-1/2” into the ground at (2199) Mid Upright and attach with 2 (S3) #8 x 2-1/2” Wood Screws. (fig. 38.1)

⚠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. 38.1



Wood Parts

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

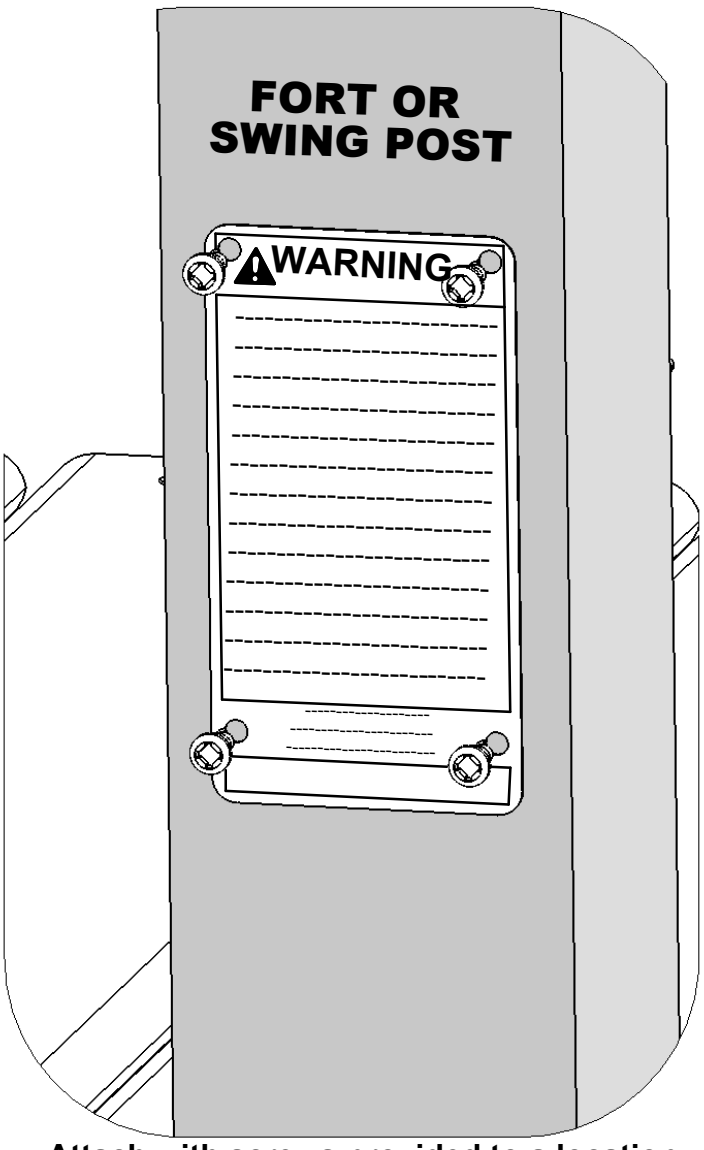
Hardware

2 x S3 #8 x 2-1/2” Wood Screw

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.

WARNING

CONTINUOUS ADULT SUPERVISION REQUIRED!

STRANGULATION HAZARDS

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, or 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 increases the risk of serious injury and death to children from entanglement and strangulation.

SERIOUS HEAD INJURY HAZARD

Maintain shock absorbing material under and around play-set as recommended in the Installation & Operating Instructions. Installation over concrete, asphalt, dirt, grass, carpet and other hard surfaces creates a risk of serious injury or death from falls to the ground.

For children 3 to 10 years of age; weight limit of 110 lbs. per child. Maximum number of users, Installation & Operating Instructions; other information is available at:

www.bigbackyard.com

Contact us at: Solowave Design Inc.
Mount Forest, Ontario, Canada N0G 2L1
1-877-966-3738

Tracking Number:

NOTES

NOTES

CEDAR SUMMIT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number | (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

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

How would you rate this product for ease of assembly?

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

How would you rate our instructions?

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

How would you rate the quality of packaging?

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

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

☐ Yes ☐ No

Comments:

MAIL TO:

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

REVISION: 11/28/12

Cedar Summit
PREMIUM PLAY SYSTEMS

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

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

CUT ALONG LINE