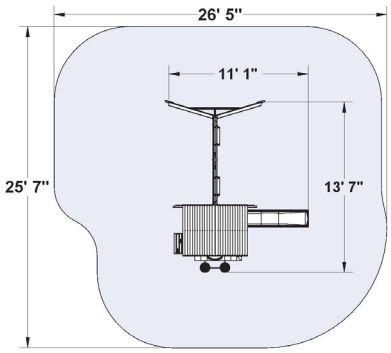
MAGNOLIA PLAY SYSTEM – F23290

INSTALLATION AND OPERATING INSTRUCTIONS



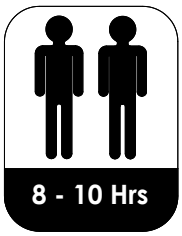
WARNING To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play set. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE -**26' 5" x 25'7"** area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - **6' 5"**

CAPACITY - **8** 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

Solowave Design
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Mount Forest, ON Canada N0G 2L0

General Inquiries:
8:00am - 4:30pm EST
Toll Free: **1-877-966-3738**
support@solowavedesign.com

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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

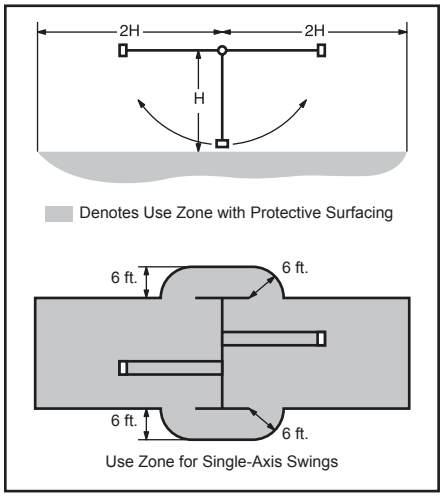
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

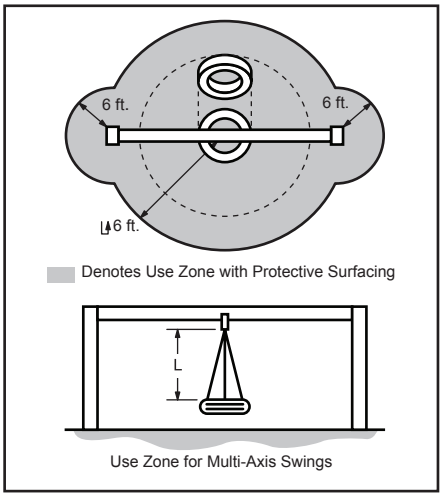
- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipmen*t. 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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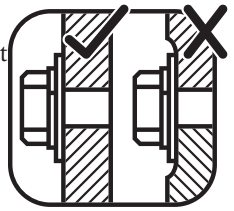
Instructions for Proper Maintenance

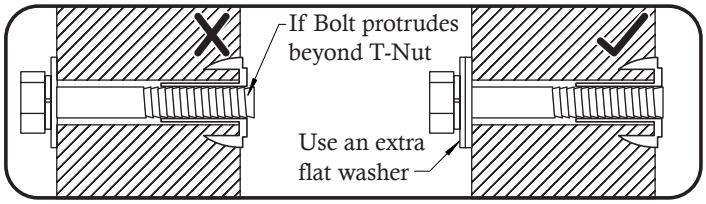
Your Big Backyard Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain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

Check the following at the beginning of the play season:

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:

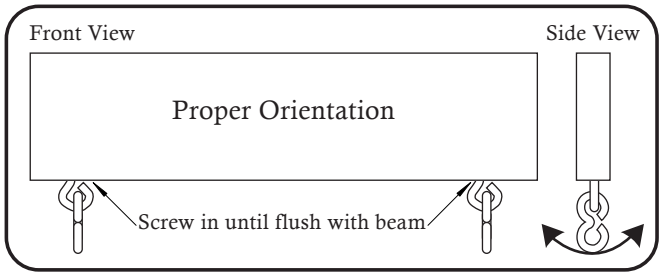
- ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

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 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, 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

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

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

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

What causes weathering?

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

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

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

Will weathering affect the strength of my Play System?

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

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

5 Year Limited Warranty

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

This Limited Warranty does not cover:

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

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

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

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

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Keys to Assembly Success

Tools Required


Shovel


Measuring Tape


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


Safety Glasses


Hammer


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

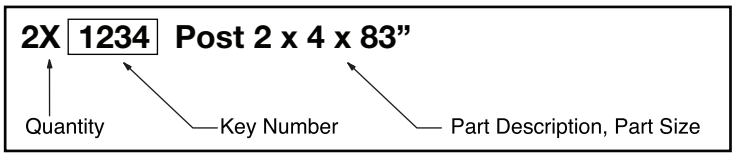

Level


#2 & #3 Phillips or Robertson


Square Ruler


Step Ladder

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



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

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

Use Help

Use Help

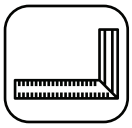
Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Measure Distance

Check that assembly is square before tightening bolts.

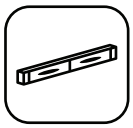
Use a measuring tape to assure proper location.

Square Assembly



Check that set or assembly is properly level before proceeding.

Use Level

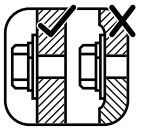


Pre-drill 1/8” Bit

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

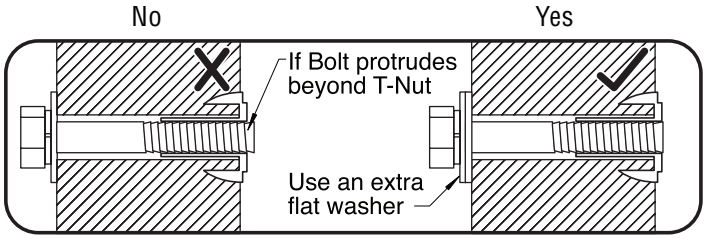
This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

Tighten Bolts



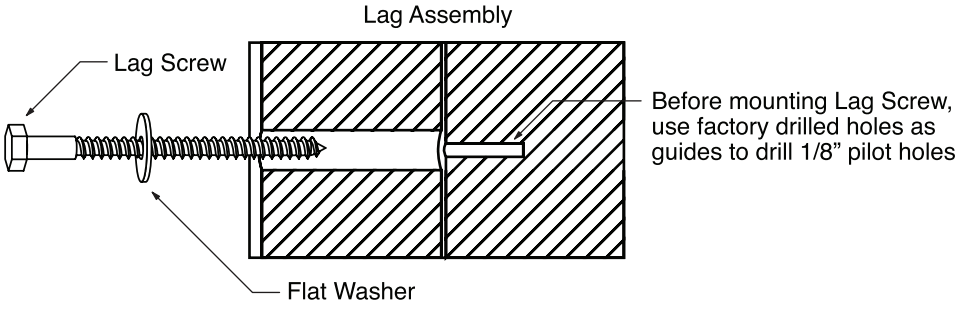
⚠CAUTION – Protrusion Hazard

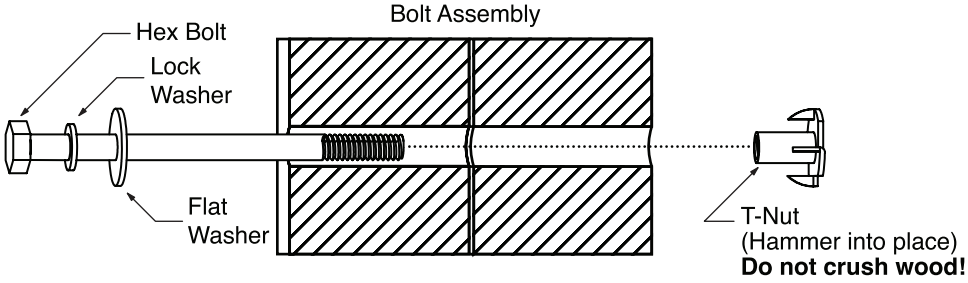
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



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

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





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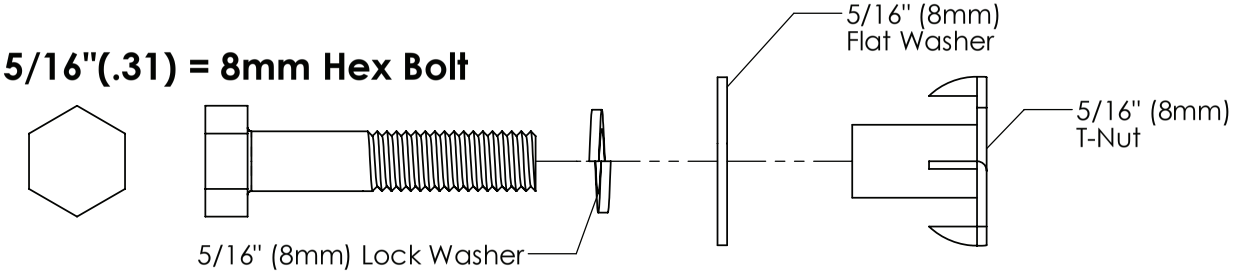
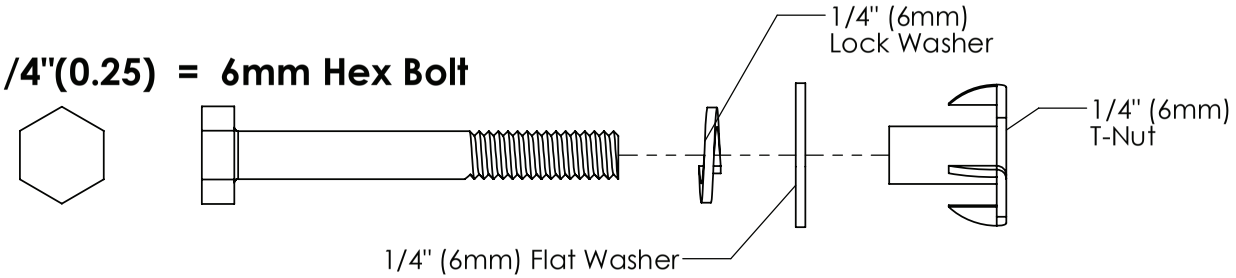
SOLO)WAVE DESIGN HARDWARE

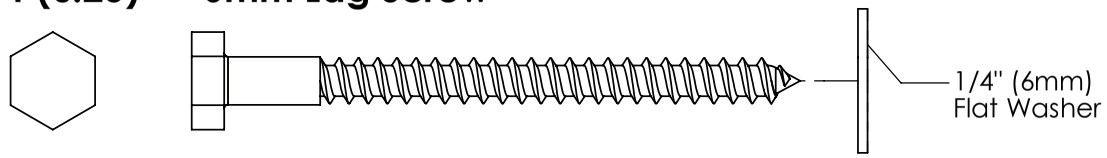
5/16"(.31) = 8mm Hex Bolt



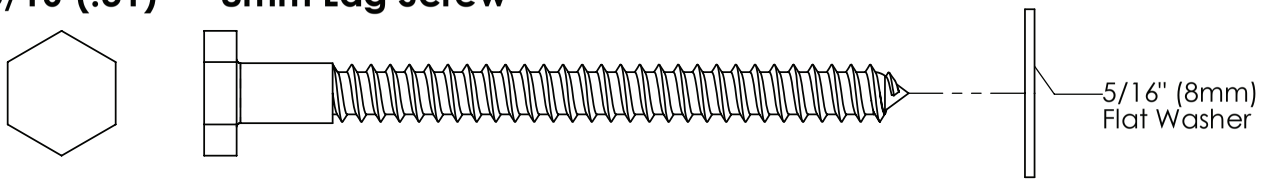
1/4"(0.25) = 6mm Hex Bolt



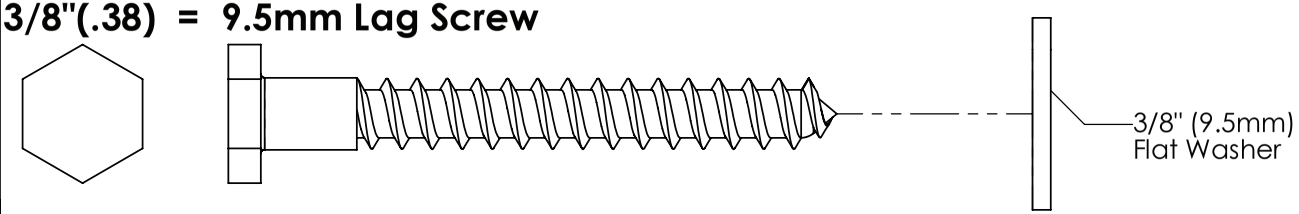
1/4"(0.25) = 6mm Lag Screw



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



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



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

DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOLT LENGTH 4½ (4.5) inches long

4.5 inches x 25.4mm = 114mm long

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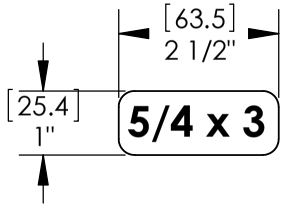
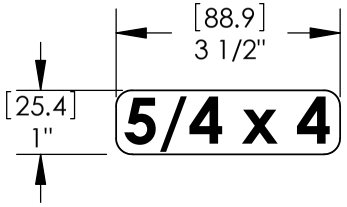
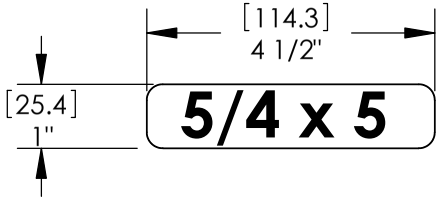
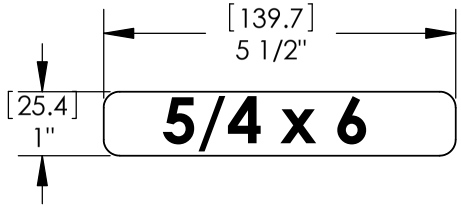
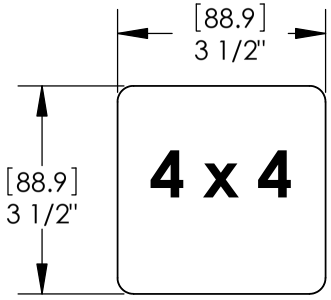
SOLO)WAVE DESIGN WOOD PROFILES

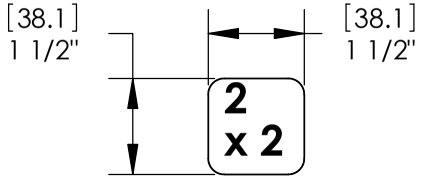


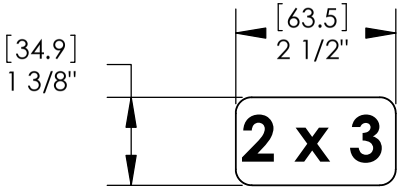


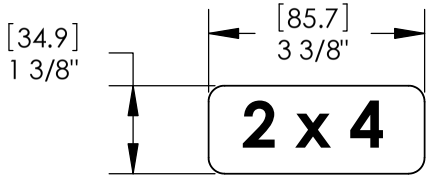


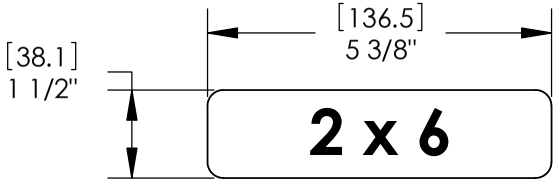


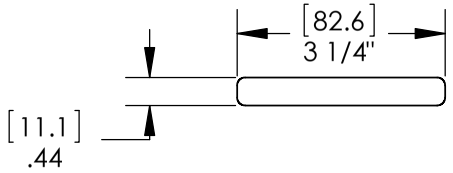




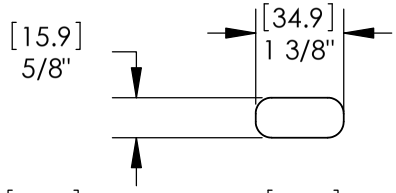




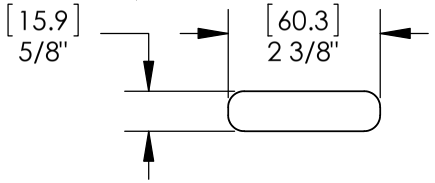




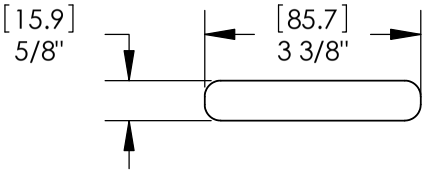
1/2 x 4



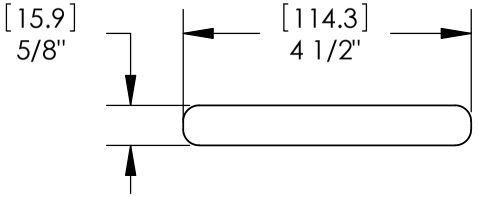
1 x 2



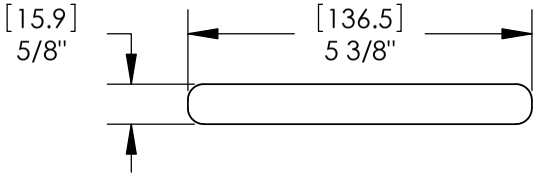
1 x 3



1 x 4



1 x 5



1 x 6

Dimensions in brackets [mm] represent millimetres.

LENGTH CONVERSION

1 inch = 25.4mm

For example:

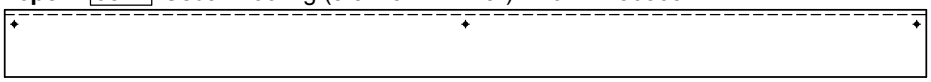
BOARD LENGTH 59¼ (59.25) inches

59.25 inches x 25.4mm = 1505mm

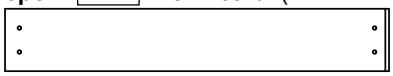
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
⅜" x 3½"	⅝" x 3½"
½" x 4"	7/16" x 3¼"
1" x 2"	⅝" x 1⅜"
1" x 4"	⅝" x 3⅜"
1" x 5"	⅝" x 4½"

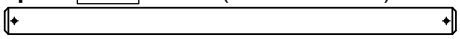
26pc. - **0517** Cedar Roofing (3/8 x 3-1/2 x 48") - Box 2 - 3630517



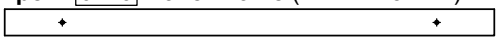
6pc. - **1503** Wall Board (1/2 x 4 x 20") - Box 2 - 3631503



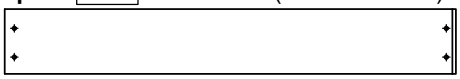
1pc. - **1239** Picket (1 x 2 x 23-1/2") - Box 2 - 3641239



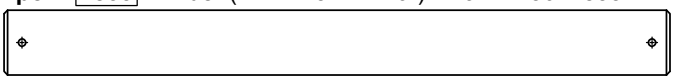
1pc. - **0726** Panel Frame (1 x 2 x 25-1/2") - Box 2 - 3640726



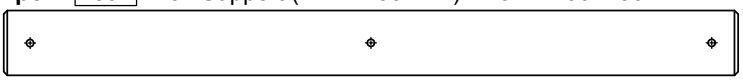
1pc. - **0705** Cedar Wall (1 x 4 x 23-1/2") - Box 2 - 3630705



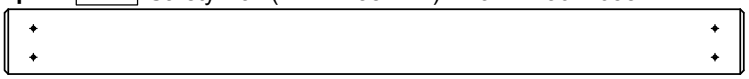
1pc. - **1855** Divider (1 x 4 x 34-11/16") - Box 2 - 3641855



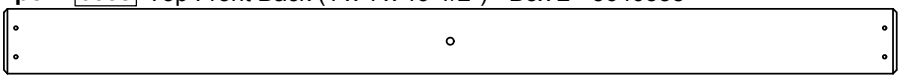
1pc. - **1502** Wall Support (1 x 4 x 38-1/4") - Box 2 - 3641502



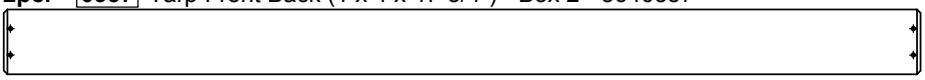
1pc. - **1658** Safety Rail (1 x 4 x 38-1/2") - Box 2 - 3641658



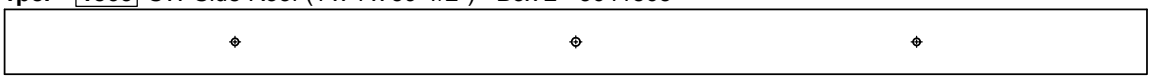
1pc. - **0358** Top Front Back (1 x 4 x 46-1/2") - Box 2 - 3640358



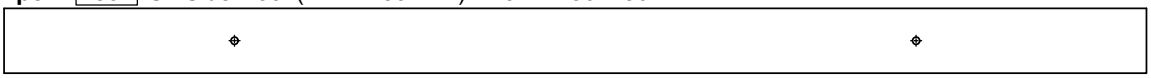
2pc. - **0357** Tarp Front Back (1 x 4 x 47-3/4") - Box 2 - 3640357



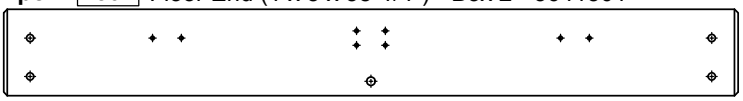
1pc. - **1865** SW Side Roof (1 x 4 x 59-1/2") - Box 2 - 3641865



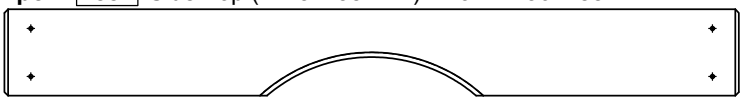
1pc. - **1864** SL Side Roof (1 x 4 x 59-1/2") - Box 2 - 3641864



2pc. - **1501** Floor End (1 x 5 x 38-1/4") - Box 2 - 3641501

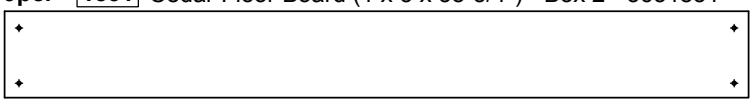


1pc. - **1884** Side Top (1 x 5 x 38-1/4") - Box 2 - 3641884



1pc. - **1874** Side Ground (1 x 5 x 38-1/4") - Box 2 - 3641874

9pc. - **1851** Cedar Floor Board (1 x 5 x 38-3/4") - Box 2 - 3631851



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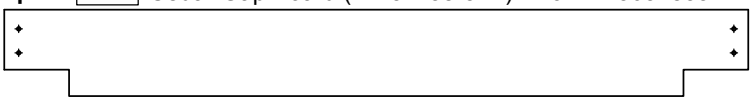
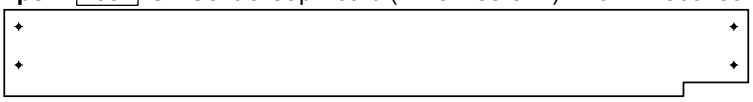
Part Identification (Reduced Part Size)

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

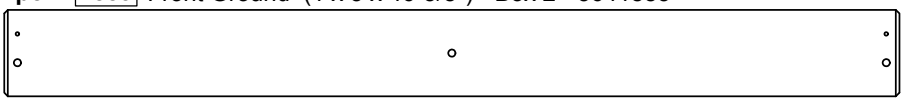
2pc. - **1853** Cedar Gap Board (1 x 5 x 38-3/4") - Box 2 - 3631853



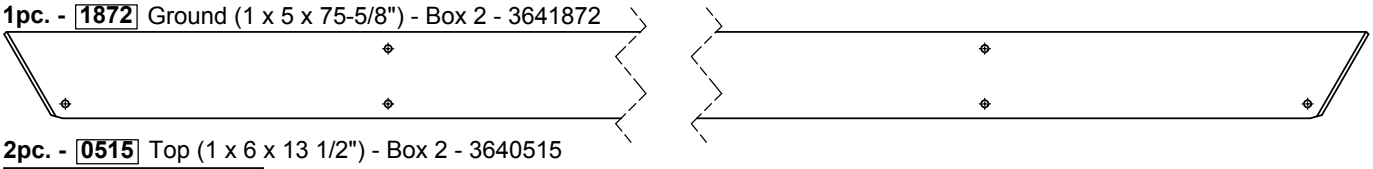
2pc. - **1881** CE Centre Gap Board (1 x 5 x 38-3/4") - Box 2 - 3631881



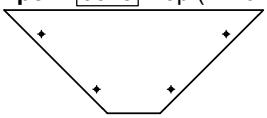
1pc. - **1883** Front Ground (1 x 5 x 46-5/8") - Box 2 - 3641883



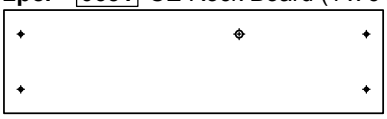
1pc. - **1872** Ground (1 x 5 x 75-5/8") - Box 2 - 3641872



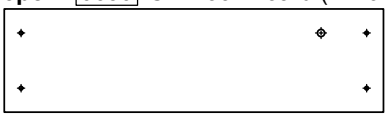
2pc. - **0515** Top (1 x 6 x 13 1/2") - Box 2 - 3640515



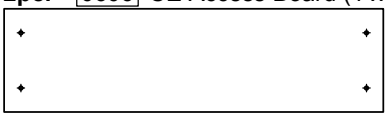
2pc. - **0631** CE Rock Board (1 x 6 x 19-3/4") - Box 2 - 3630631



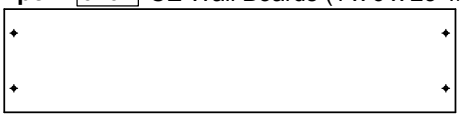
3pc. - **0630** CE Rock Board (1 x 6 x 19-3/4") - Box 2 - 3630630



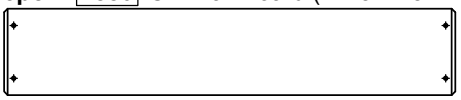
2pc. - **0606** CE Access Board (1 x 6 x 19-3/4") - Box 2 - 3630606



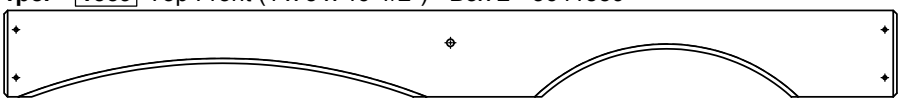
4pc. - **0702** CE Wall Boards (1 x 6 x 23 1/2") - Box 2 - 3630702



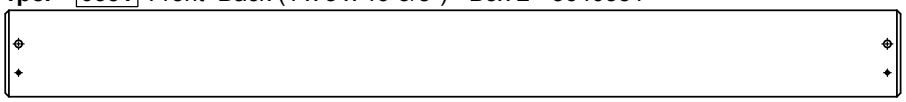
5pc. - **1880** CE Wall Board (1 x 5 x 23-1/2") - Box 2 - 3631880



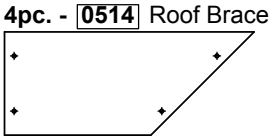
1pc. - **1559** Top Front (1 x 5 x 46-1/2") - Box 2 - 3641559



1pc. - **0351** Front Back (1 x 5 x 46-5/8") - Box 2 - 3640351



4pc. - **0514** Roof Brace (1 x 6 x 13") - Box 2 - 3640514



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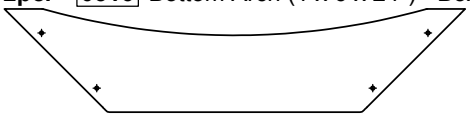
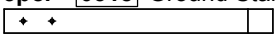
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 6"	⅝" x 5⅜"
5/4" x 4"	1" x 3½"
2" x 2"	1½" x 1½"
2" x 3"	1⅜" x 2½"
2" x 4"	1⅜" x 3⅜"

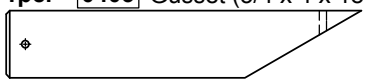
2pc. - **0516** Bottom Arch (1 x 6 x 24") - Box 2 - 3640516



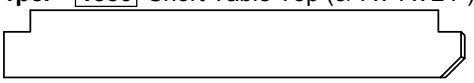
5pc. - **0318** Ground Stake (1-1/4 x 1-1/2 x 14") - Box 1 - 3650318



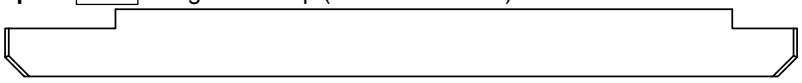
1pc. - **0403** Gusset (5/4 x 4 x 18-1/2") - Box 2 - 3640403



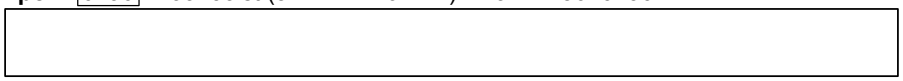
1pc. - **1886** Short Table Top (5/4 x 4 x 24") - Box 2 - 3641886



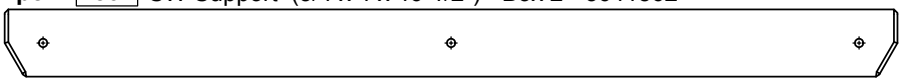
1pc. - **1887** Long Table Top (5/4 x 4 x 41-1/4") - Box 2 - 3641887



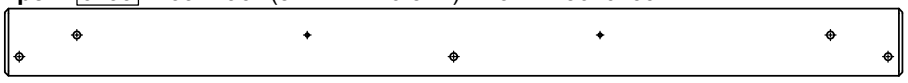
1pc. - **0790** Floor Joist (5/4 x 4 x 46-1/2") - Box 2 - 3640790



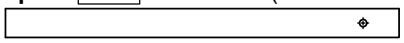
1pc. - **1862** SW Support (5/4 x 4 x 46-1/2") - Box 2 - 3641862



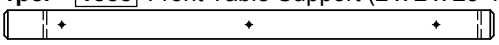
2pc. - **0799** Floor Back (5/4 x 4 x 46-3/4") - Box 2 - 3640799



2pc. - **1882** Short Joist (2 x 2 x 20-1/2") - Box 2 - 3641882

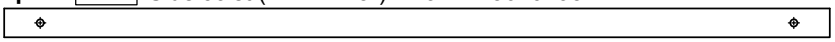


1pc. - **1888** Front Table Support (2 x 2 x 25-1/2") - Box 2 - 3641888

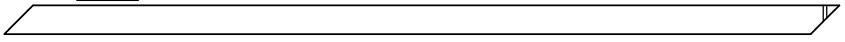


1pc. - **1868** Table Support (2 x 2 x 38-3/4") - Box 2 - 3641868

1pc. - **0795** Side Joist (2 x 2 x 43") - Box 2 - 3640795

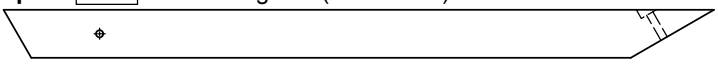


2pc. - **0501** Joist (2 x 2 x 43 1/2") - Box 2 - 3640501

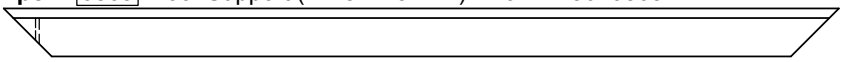


2pc. - **0367** Floor Gusset (2 x 3 x 11") - Box 2 - 3640367

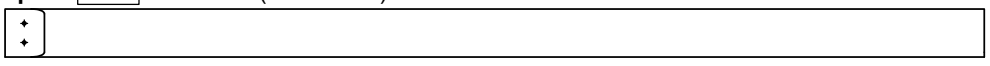
2pc. - **0369** Lower Diagonal (2 x 3 x 37") - Box 2 - 3640369



4pc. - **0863** Roof Support (2 x 3 x 43-1/2") - Box 2 - 3640863



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



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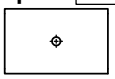
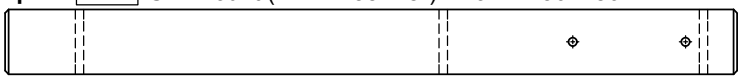
Part Identification (Reduced Part Size)

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

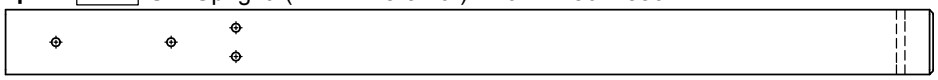
1pc. - **4919** SW Rail Block (2 x 4 x 5-3/8") - Box 2 - 3644919



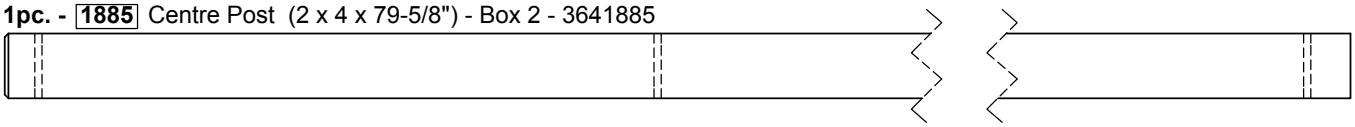
1pc. - **1861** SW Mount (2 x 4 x 38-1/8") - Box 2 - 3641861



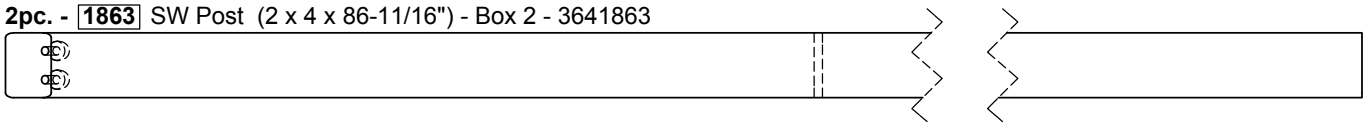
1pc. - **1856** SW Upright (2 x 4 x 48-5/16") - Box 2 - 3641856



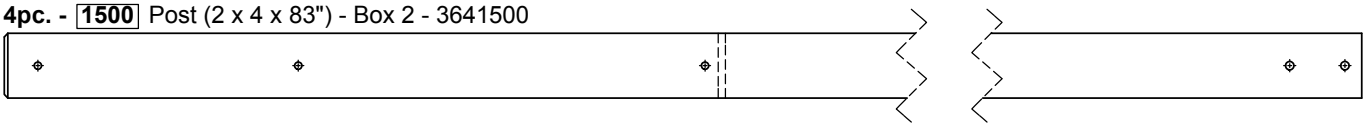
1pc. - **1885** Centre Post (2 x 4 x 79-5/8") - Box 2 - 3641885



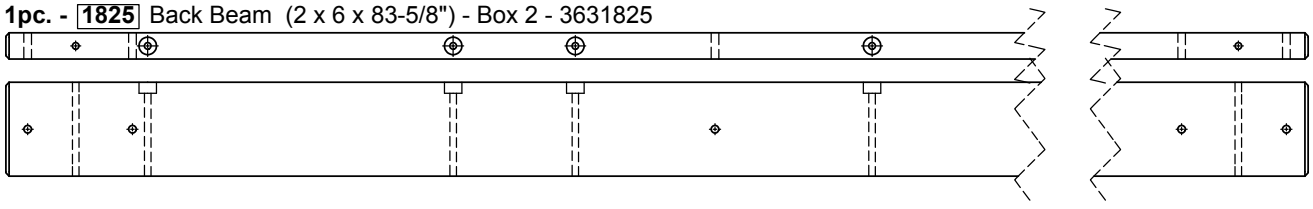
2pc. - **1863** SW Post (2 x 4 x 86-11/16") - Box 2 - 3641863



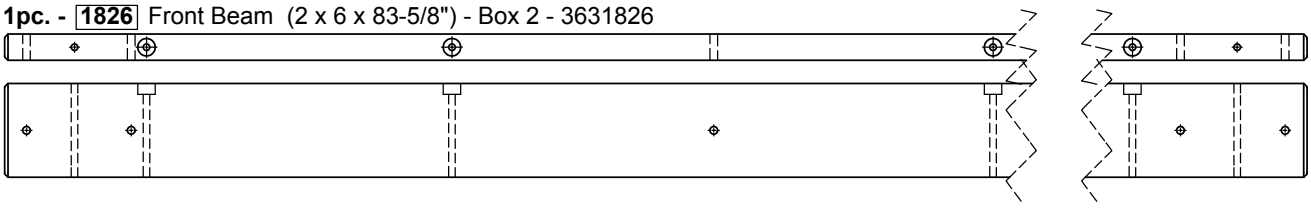
4pc. - **1500** Post (2 x 4 x 83") - Box 2 - 3641500



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



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



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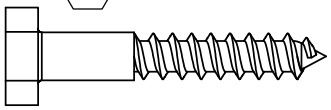
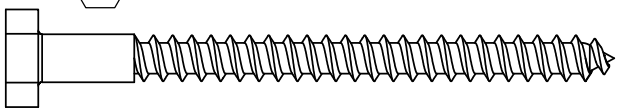
Hardware Identification (Actual Size)

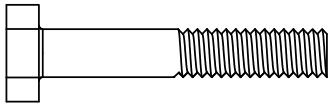
4pc. ⟨**LS1**⟩ - Lag Screw 1/4 x 1-1/2" - (9262212)



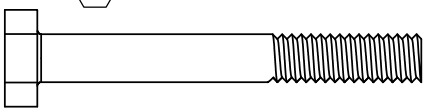
10pc. ⟨**LS3**⟩ - Lag Screw 1/4 x 3" - (9262230)



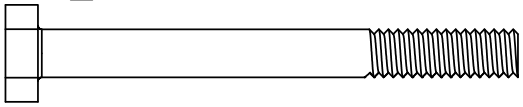
1pc. ⟨**H1**⟩ - Hex Bolt 1/4 x 1-1/2" - (9277212)



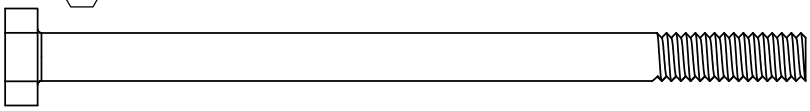
20pc. ⟨**H2**⟩ - Hex Bolt 1/4 x 2" - (9277220)



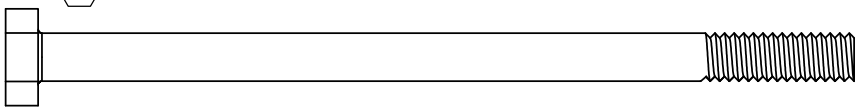
4pc. ⟨**H3**⟩ - Hex Bolt 1/4 x 2-1/2" - (9277222)



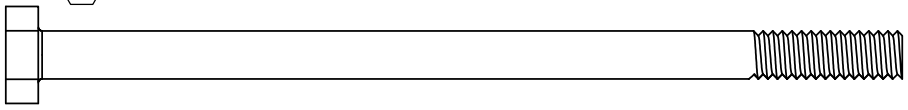
2pc. ⟨**H4**⟩ - Hex Bolt 1/4 x 4" - (9277240)



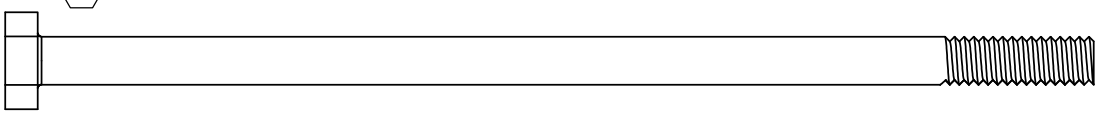
1pc. ⟨**H8**⟩ - Hex Bolt 1/4 x 4-1/4" - (9277241)



5pc. ⟨**H5**⟩ - Hex Bolt 1/4 x 4-1/2" - (9277242)



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



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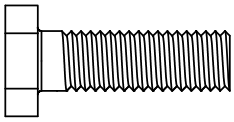
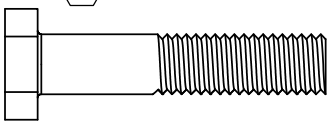
Hardware Identification (Actual Size)

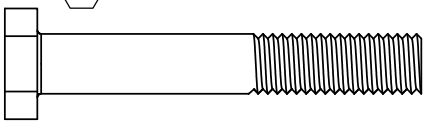
4pc. ⟨**G2**⟩ - Hex Bolt 5/16 x 1" - (9277310)



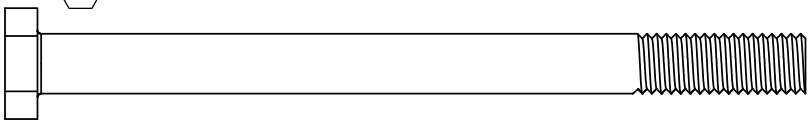
4pc. ⟨**G1**⟩ - Hex Bolt 5/16 x 1-1/2" - (9277312)



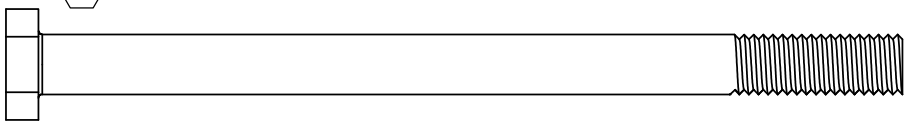
2pc. ⟨**G8**⟩ - Hex Bolt 5/16 x 2" - (9277320)



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



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



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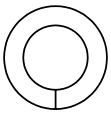
Hardware Identification (Actual Size)

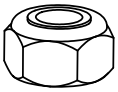
18pc. **LW2** - 5/16" Lock Washer - (9253300)



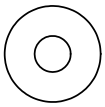
43pc. **LW1** - 1/4" Lock Washer - (9253200)

2pc. **LN4** - #12 Lock Nut - (9289600)

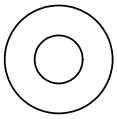
2pc. **LN2** - 5/16" Lock Nut - (9283300)



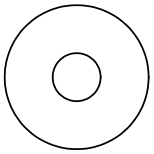
44pc. **FW3** - #8 Flat Washer - (9251500)



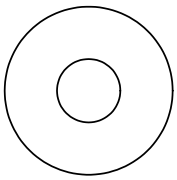
17pc. **FW0** - 3/16" Flat Washer - (9251100)



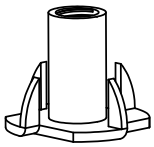
52pc. **FW1** - 1/4" Flat Washer - (9251200)



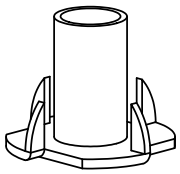
22pc. **FW2** - 5/16" Flat Washer - (9251300)



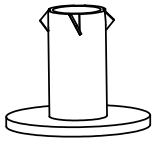
38pc. **TN1** - 1/4" T - Nut -(9285200)



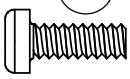
18pc. **TN2** - 5/16" T- Nut - (9285300)



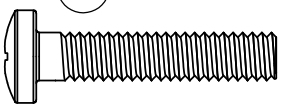
5pc. **BN1** - 1/4" Barrel Nut - (9248200)



2pc. **MB1** - Machine Bolt #12 x 1/2" - (9269602)

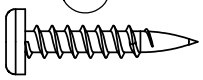


6pc. **PB2** - Pan Bolt 1/4 x 1-1/4" - (9274211)

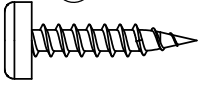


60pc. **S5** - Pan Screw #8 x 1/2" - (9264504)

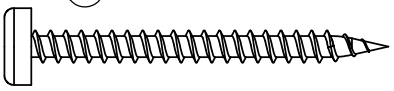
5pc. **S10** - Pan Screw #8 x 1" - (9264510)



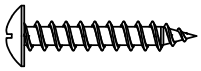
4pc. **S6** - Pan Screw #12 x 1" - (9264610)



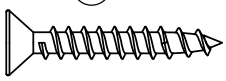
28pc. **S7** - Pan Screw #12 x 2" - (9264620)



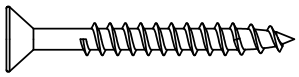
102pc. **S0** - Truss Screw #8 x 7/8" - (9269505)



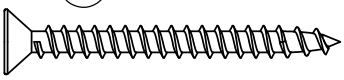
34pc. **S1** - Wood Screw #8 x 1-1/8" - (9290514)



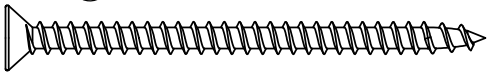
154pc. **S2** - Wood Screw #8 x 1-1/2" - (9260512)



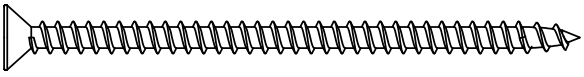
4pc. **S15** - Wood Screw #8 x 1-3/4" - (9260513)



16pc. **S3** - Wood Screw #8 x 2-1/2" - (9290522)



7pc. **S4** - Wood Screw #8 x 3" - (9290530)



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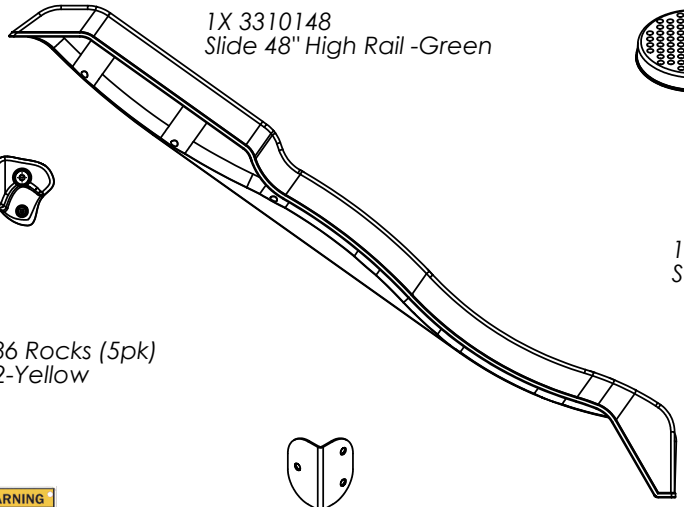
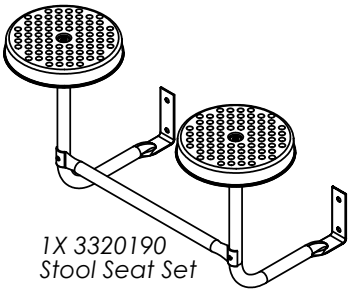
Part Identification (Reduced Part Size)

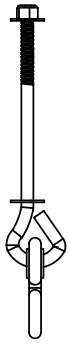


1X 3310148
Slide 48" High Rail -Green

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

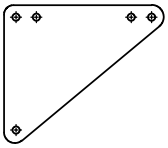


1X 3320190
Stool Seat Set

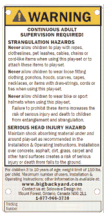


1X 3202001
Swing Hanger Bolt
Thru. (6 pk)

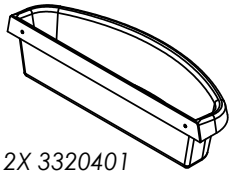
1X 3201103 (4 Pk)
Corner Brace Set



1X 3200184
Triangle Plate (4pk)
Green



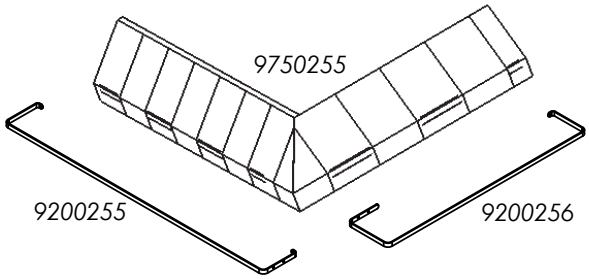
1X 3320356
Big Backyard I.D
Plaque w hardware



2X 3320401
Flower Box Set (Green)

1X 3320215
Phone Assembly

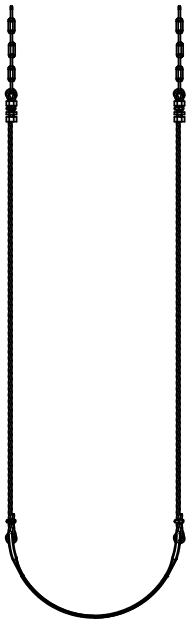
1X 3750255
Canopy Set



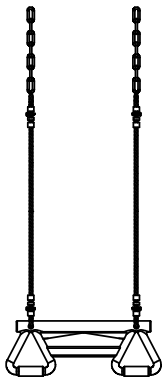
3750702

9750257

9750256



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



1X 3724908
24" Acro Swing - Yellow
w/ welded chain

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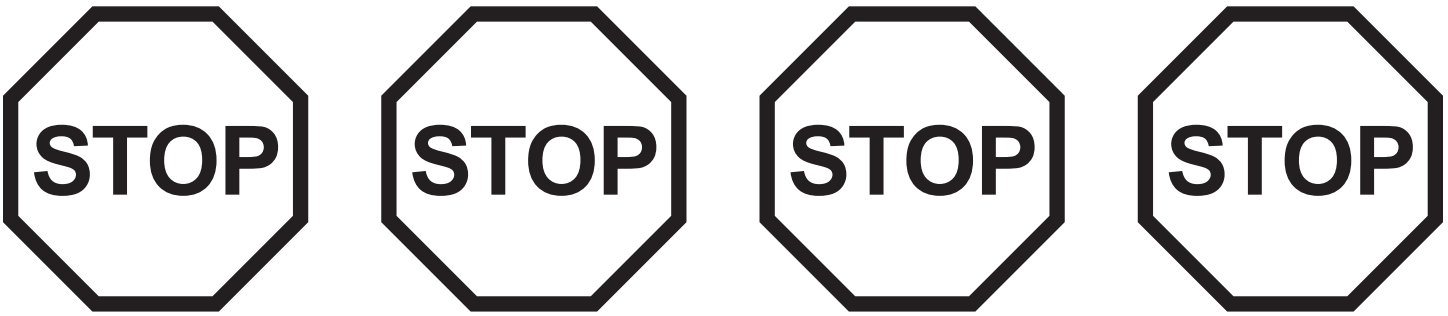
Step 1: Inventory Parts - Read This Before Starting Assembly



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

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

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

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

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

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the 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: **F23290**

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

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

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

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

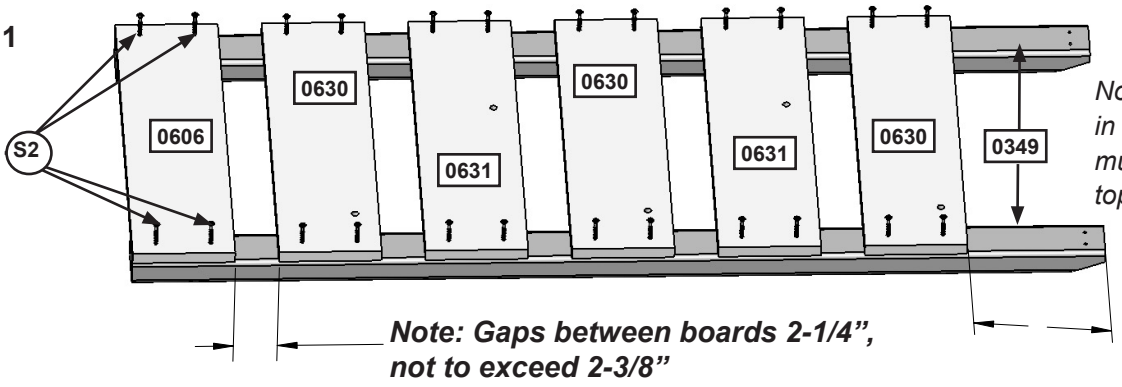
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)

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

TRACKING NUMBER (from ID Plaque): _____

Step 2: Rock Wall Assembly

Fig. 2.1



Note: The holes in the rock boards must orient to the top of the boards.

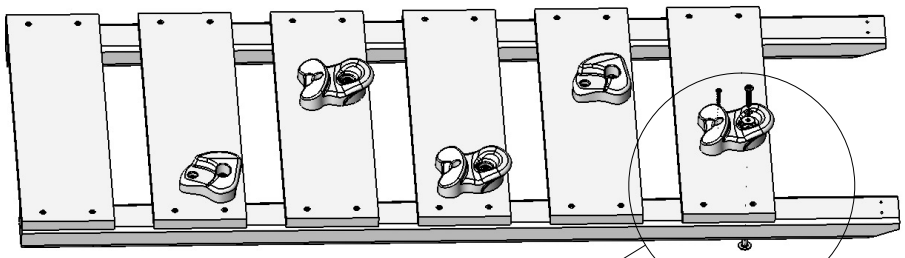
A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 2.1)

B: Place (0606) CE Access Board on the bottom of each (0349) Rock Rail as shown in fig. 2.1. Make sure (0606) CE Access Board is flush to the outside and bottom edges of each (0349). Attach using 4 (S2) #8 x 1-1/2" Wood Screws.

C: 7-3/4" down from the top of both (0349) Rock Rails place 1 (0630) CE Rock Board, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 2.1)

D: In between the (0606) CE Access Board and (0630) CE Rock Board stagger 2 (0631) and 2 (0630) CE Rock Boards using 4 (S2) #8 x 1-1/2" Wood Screws per board. Placing them as shown in fig. 2.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 2.2



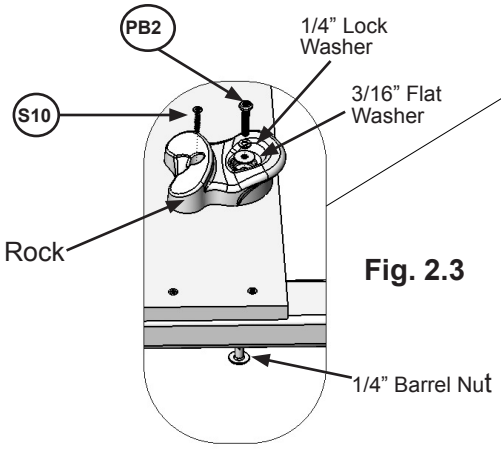


Fig. 2.3

E: Place 1 rock on each (0630) and (0631) CE Rock Board (fig. 2.2) and attach using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 2.3)

Wood Parts

- 1 x 0606 **CE Access Board 1 x 6 x 19-3/4 "**
- 3 x 0630 **CE Rock Board 1 x 6 x 19-3/4"**
- 2 x 0631 **CE Rock Board 1 x 6 x 19-3/4"**
- 2 x 0349 **Rock Rail 2 x 3 x 51"**

Hardware

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

Other Parts

- **5 x Rocks (3 green/2 yellow)**

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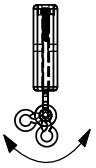
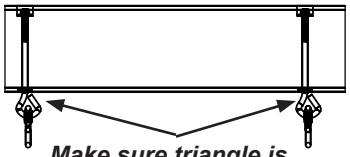
Step 3: Swing Beam Assembly

Fig. 3.4



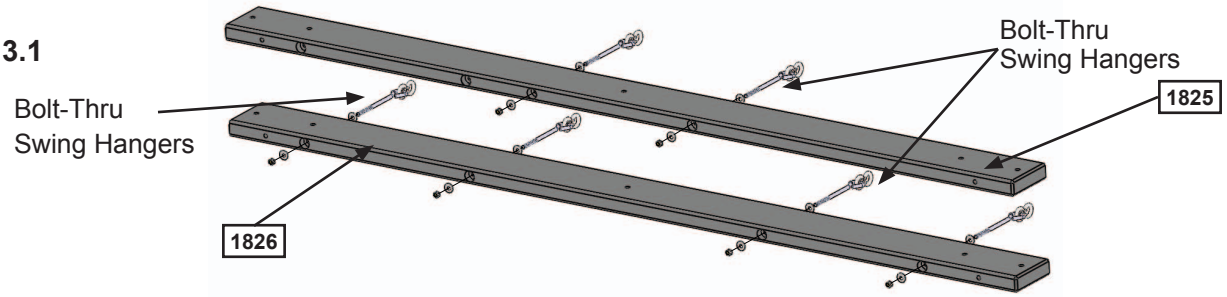


Warning: For your child's safety, orientate the swing hangers as shown to ensure your swing will have proper swing motion when installed. Failure to do so could result in premature failure of the swing hanger or swing chain.

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.

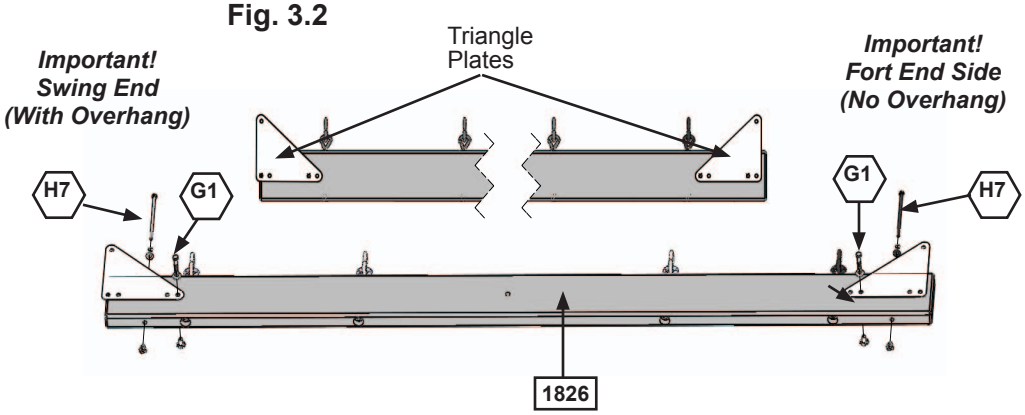
B: In the end holes of (1826) Front Beam install 4 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.

Fig. 3.1



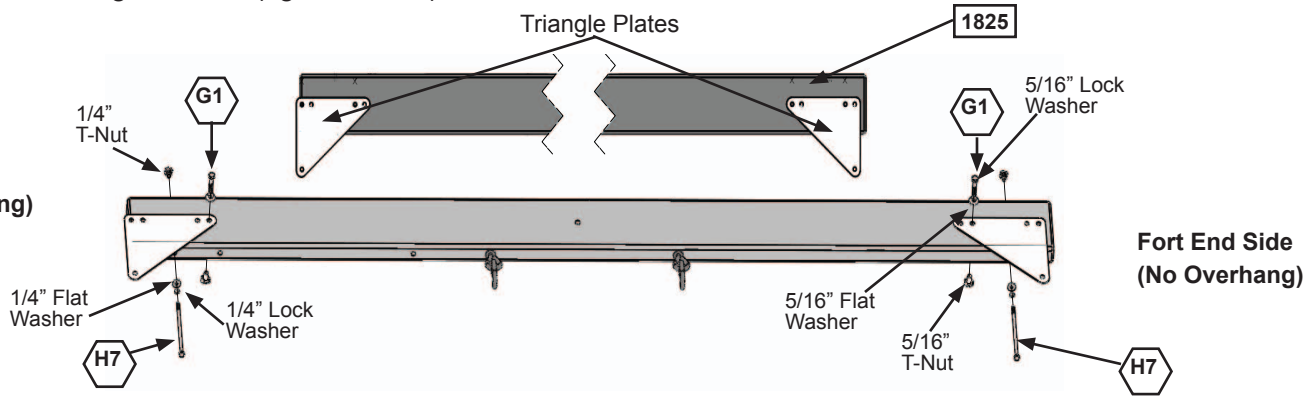
C: Attach 1 Triangle Plate to the ends of each (1826) Front Beam and (1825) Back Beam using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the hole indicated in fig. 3.2 & 3.3. **Correct hole usage is very important.**

Fig. 3.2



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)

Fig. 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 6)**
- 1 x **Triangle Plate (pkg of 4)**

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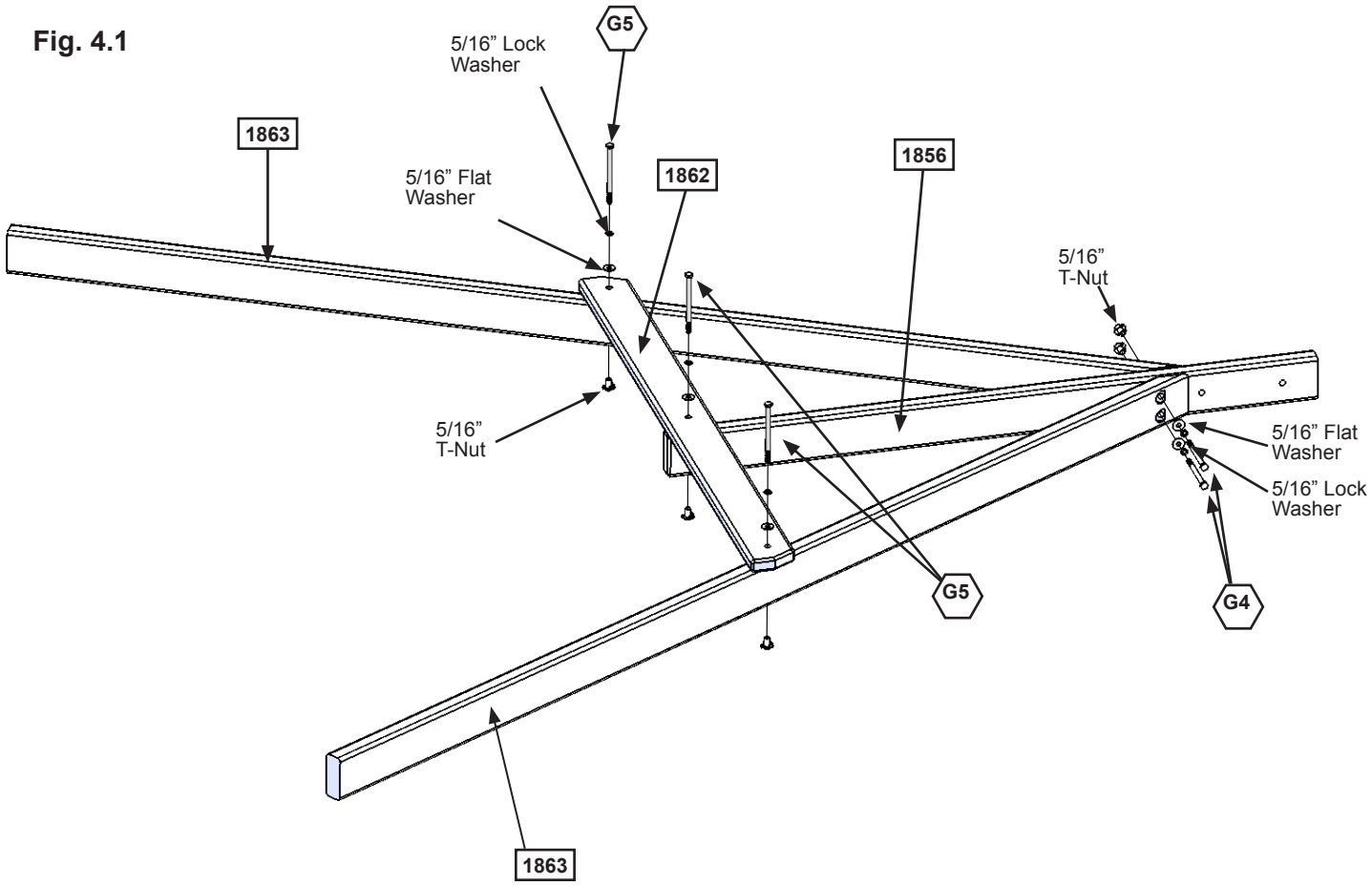
Step 4: Swing End Assembly

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

Fig. 4.1



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

Wood Parts

- **2 x 1863 SW Post 2 x 4 x 86-11/16”**
- **1 x 1862 SW Support 5/4 x 4 x 46-1/2”**
- **1 x 1856 SW Upright 2 x 4 x 48-5/16”**

Hardware

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

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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)

Fig. 5.1

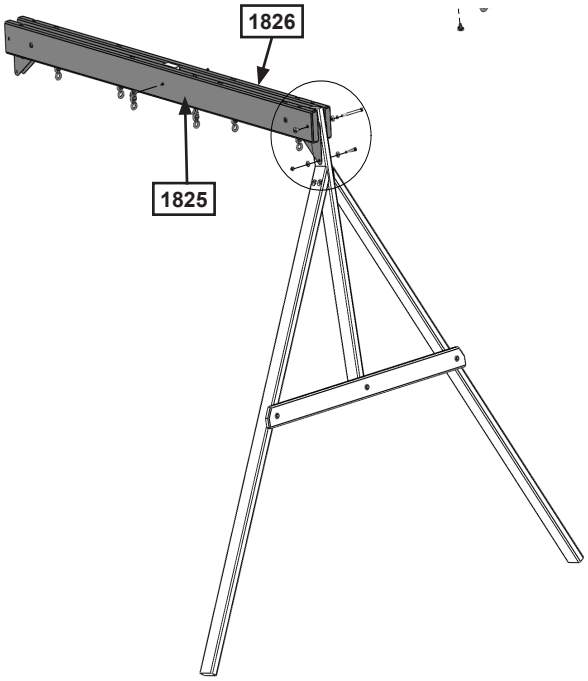
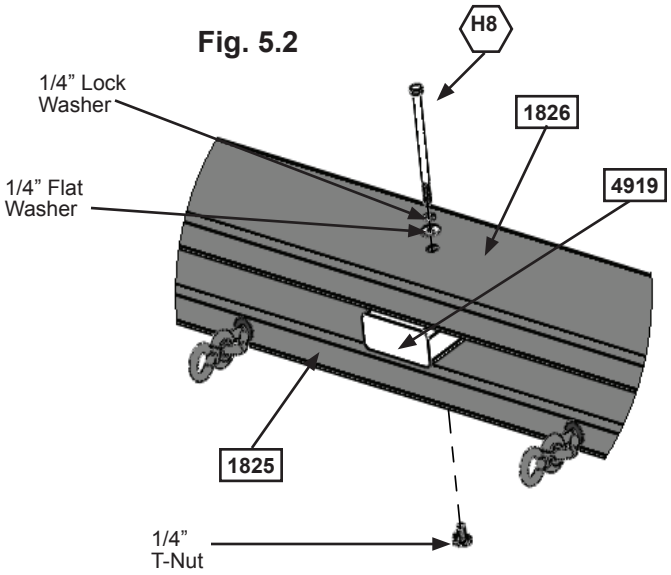


Fig. 5.2



B: Attach Swing Beam Assembly to the side of the Swing End 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. 5.4) Make sure Swing End Assembly flares out at an angle. (fig. 5.3)

Fig. 5.3

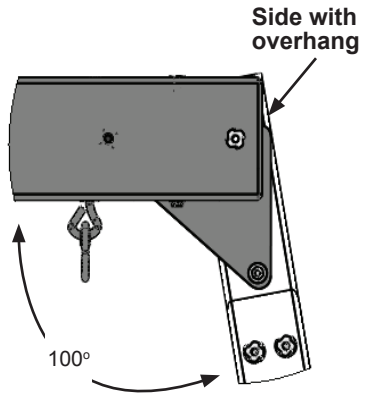
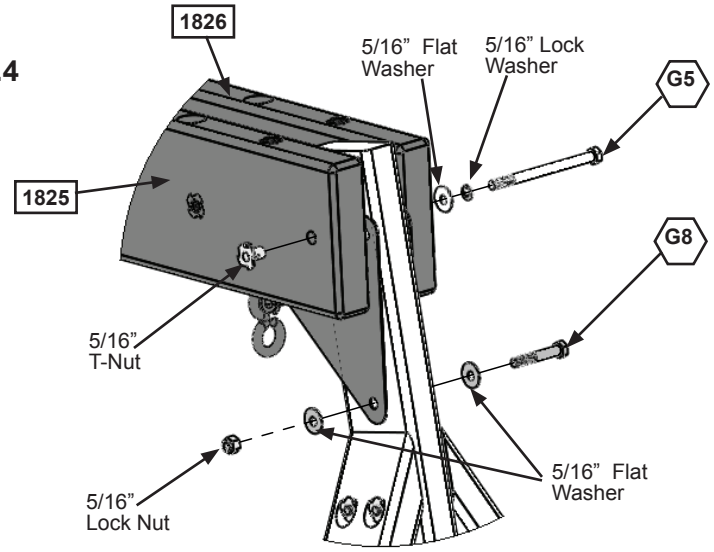


Fig. 5.4



Wood Parts

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

Hardware

1 x H8 **1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

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

1 x G8 **5/16 x 2" Hex Bolt (5/16" flat washer x2, 5/16" lock nut)**

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Step 6: Roof Assembly
Part 1

A: Attach 1 (0863) Roof Support to another at the peak using 1 (S4) #8 x 3” Wood Screw. Do this twice so you have 2 Roof Support Assemblies. (fig. 6.1 & 6.2)

B: Attach 1 (0501) Joist to another at the peak using 1 (S4) #8 x 3” Wood Screw. (fig. 6.1)

C: Place the Roof Supports and Roof Joist Assemblies in the pattern shown in fig. 6.1

Fig. 6.1

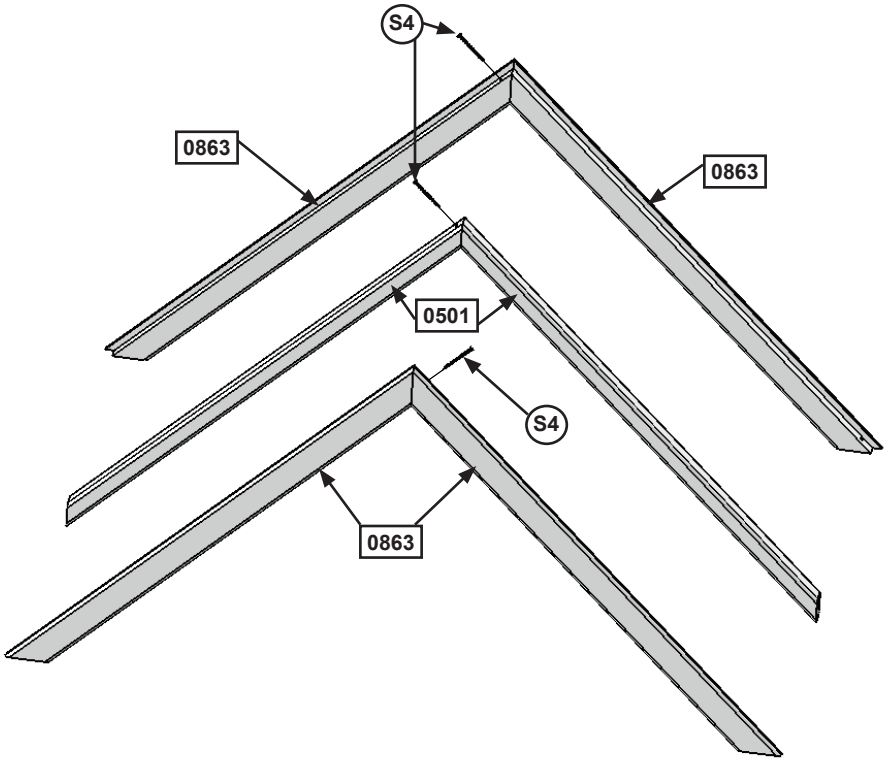
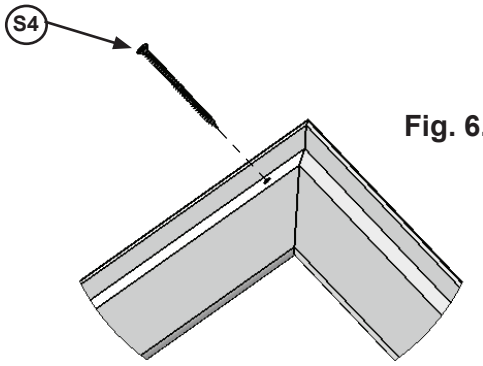


Fig. 6.2



Wood Parts

4 x 0863 **Roof Support 2 x 3 x 43-1/2”**

2 x 0501 **Joist 2 x 2 x 43-1/2”**

Hardware

3 x S4 **#8 x 3” Wood Screws**

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Step 6: Roof Assembly
Part 2

D: Starting at the top of the Roof Support Assembly and working down attach 3 (0517) Cedar Roofing on one side of the (0863) Roof Supports and (0501) Joists with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 6.3 and 6.5) Be sure to overlap the Cedar Roofing as shown in fig. 6.4.

E: Repeat Step A for the other side of the Roof Support Assembly.

F: Drill a hole 1-1/4" above the factory drilled holes in 2 (0517) Cedar Roofing. Attach 1 (0517) Cedar Roofing at the bottom of the Roof Support Assembly on each side, making sure they are flush to each (0863) Roof Support with 3 (S0) #8 x 7/8" Truss Screws. (fig.6.3 and 6.5)

G: Evenly space and attach the remaining (0517) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 13 (0517) Cedar Roofing per side. (fig. 6.3)

Fig. 6.3

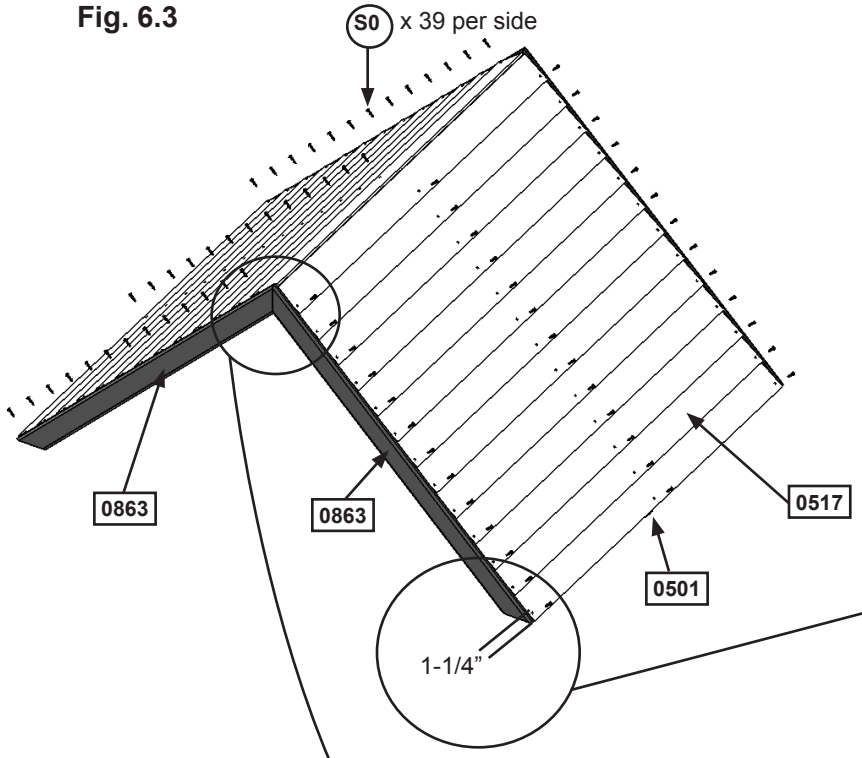


Fig. 6.5

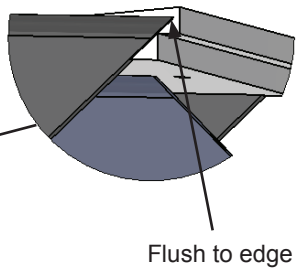
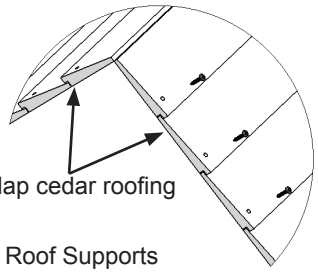


Fig. 6.4



Wood Parts

26 x 0517 Cedar Roofing 3/8 x 3-1/2 x 48"

Hardware

78 x S0 #8 x 7/8" Truss Screws

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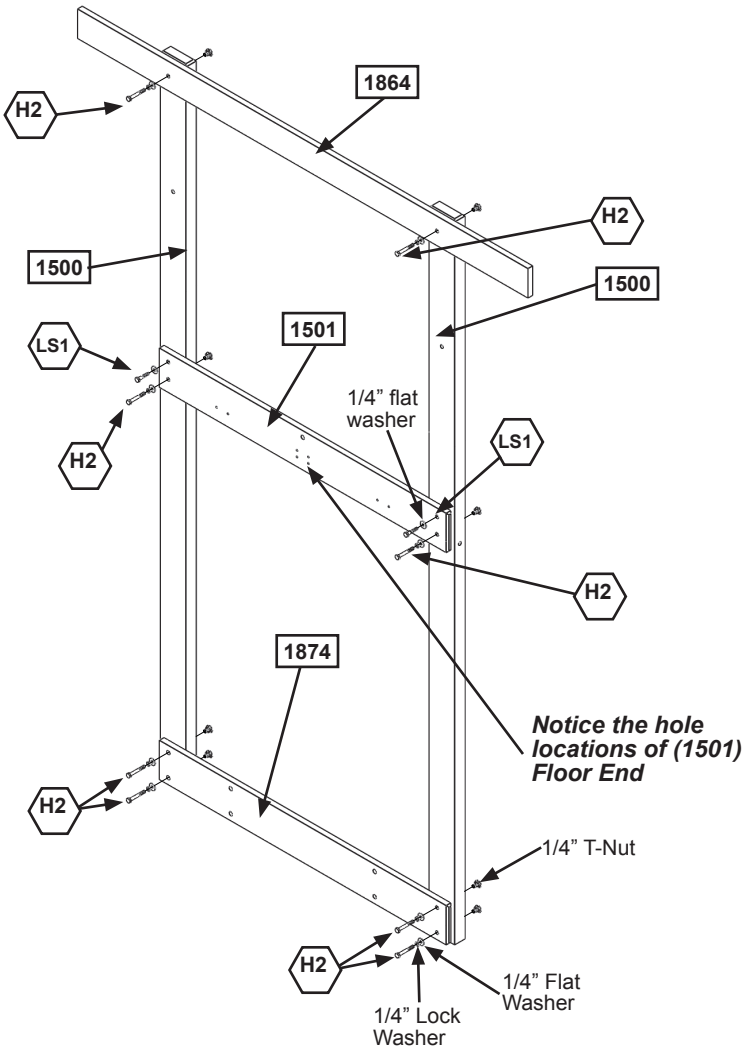
Step 7: Side Wall Assembly

A: On the ground lay flat two (1500) Posts then attach (1874) Side Ground with 4 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut); (1501) Floor End using 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes, noticing hole locations; and (1864) SL Roof Side with 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 7.1.

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

B: Make sure assembly is square and then fasten (1501) Floor End to (1500) Posts in the top holes using 2 (LS1) 1/4 x 1-1/2” Lag Screws (with flat washer). (fig. 7.1)

Fig. 7.1



Wood Parts

- 1 x 1864 SL Roof Side 1 x 4 x 59-1/2”
- 1 x 1501 Floor End 1 x 5 x 38-1/4”
- 1 x 1874 Side Ground 1x 5 x 38-1/4”
- 2 x 1500 Post 2 x 4 x 83”

Hardware

- 8 x H2 1/4 x 2” Hex Bolt (1/4” flat washer, 1/4” lock washer, 1/4” t-nut)
- 2 x LS1 1/4 x 1-1/2” Lag Screw (1/4” flat washer)

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Step 8: Swing Wall Assembly

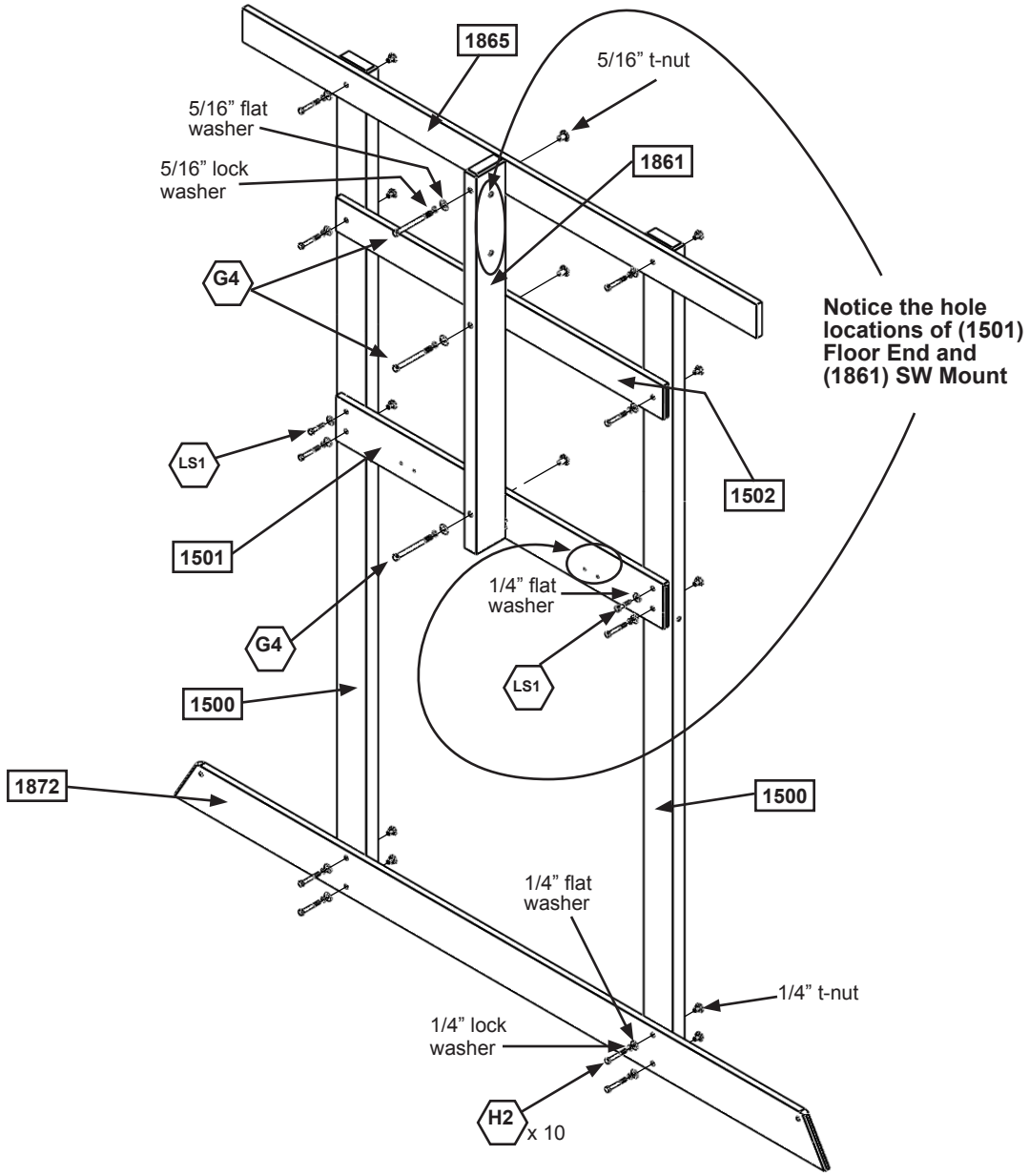
A: Attach (1872) Ground using 4 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut); (1501) Floor End (in the bottom holes), (1502) Wall Support and (1865) SW Roof Side using 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) for each board to two (1500) Posts. (fig. 8.1) **Note: Keep all bolts loose.**

B: Place (1861) SW Mount across (1501) Floor End, (1502) Wall Support and (1865) SW Roof Side then attach using 3 (G4) 5/16 x 4” Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 8.1. Notice the side hole locations are towards the top of the board.

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

C: Make sure assembly is square and then fasten (1501) Floor End to (1500) Posts in the top holes using 2 (LS1) 1/4 x 1-1/2” Lag Screws (with flat washer). (fig. 8.2) **Tighten all (H2) 1/4 x 2” Hex Bolts.**

Fig. 8.1



Wood Parts

2 x	1500	Post 2 x 4 x 83”
1 x	1865	SW Roof Side 1 x 4 x 59-1/2”
1 x	1502	Wall Support 1 x 4 x 38-1/4”
1 x	1501	Floor End 1 x 5 x 38-1/4”
1 x	1872	Ground 1 x 5 x 75-5/8”
1 x	1861	SW Mount 2 x 4 x 38-1/8”

Hardware

10 x	H2	1/4 x 2” Hex Bolt (1/4” flat washer, 1/4” lock washer, 1/4” t-nut)
2 x	LS1	1/4 x 1-1/2” Lag Screw (1/4” flat washer)
3 x	G4	5/16 x 4” Hex Bolt (5/16” flat washer, 5/16” lock washer, 5/16” t-nut)

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Step 9: Back Wall Assembly

A: On the back side of the assembly, attach (0799) Floor Back to both (1500) Posts using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut) The bolt on the Side Wall should be installed from the inside of the assembly. (fig. 9.1) The middle bolt hole should be towards the bottom.

B: Attach (1855) Divider to (0799) Floor Back with 1 (H1) 1/4 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 9.1).

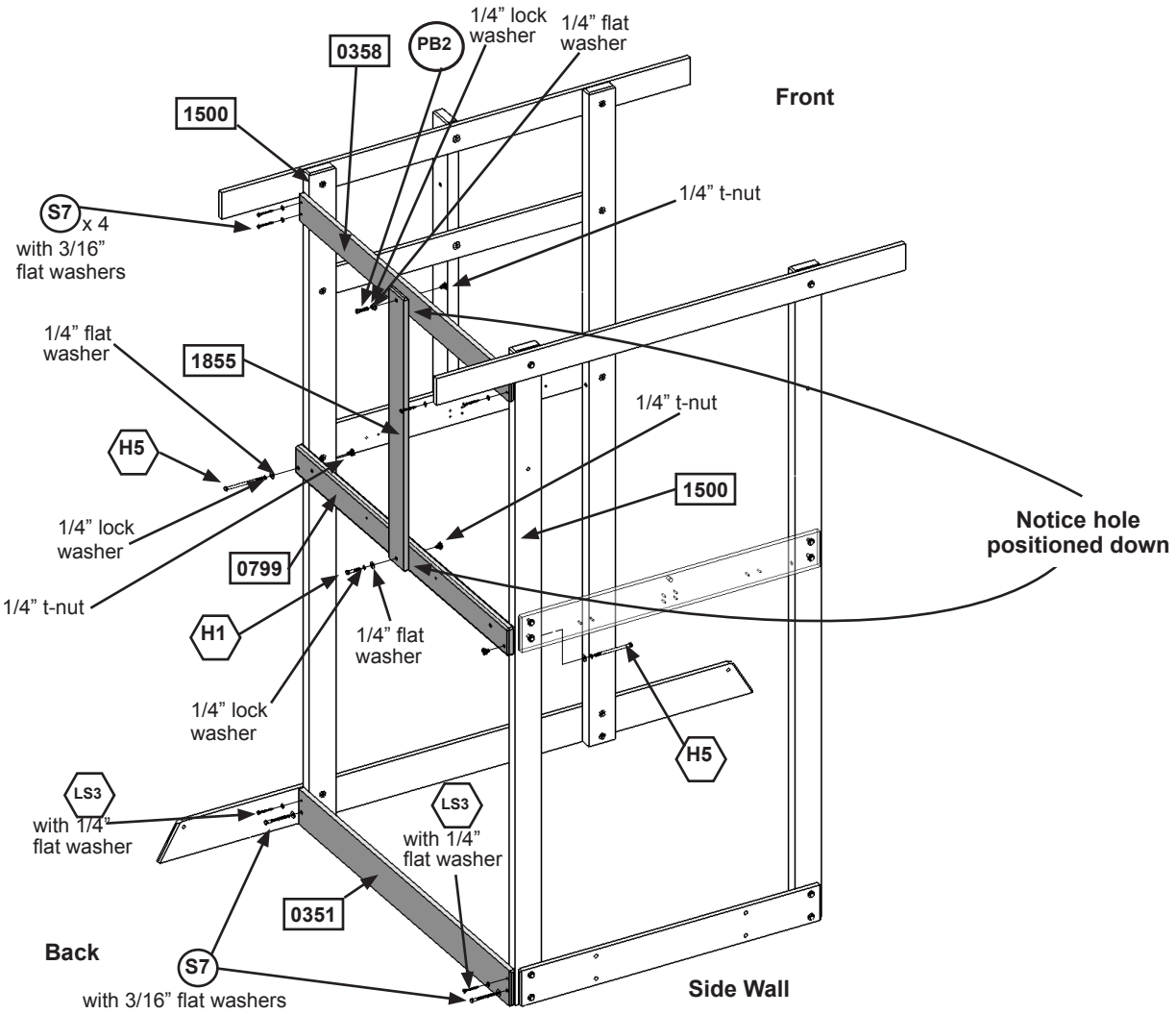
C: Attach (1855) Divider to (0358) Top Front Back using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and t-nut). (fig. 9.1)

D: Make sure (0358) Top Front Back is level and then attach to both (1500) Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washers). (fig. 9.1)

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

E: Attach (0351) Front Back to the bottom of (1500) Posts with 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) in the top (pre-drilled) holes and 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washers) in the bottom holes as shown in fig. 9.1.

Fig. 9.1



Wood Parts

- 1 x 0358 **Top Front Back 1 x 4 x 46-1/2"**
- 1 x 1855 **Divider 1 x 4 x 34-11/16"**
- 1 x 0799 **Floor Back 5/4 x 4 x 46-3/4"**
- 1 x 0351 **Front Back 1 x 5 x 46-5/8"**

Hardware

- 6 x S7 **#12 x 2" Pan Screw (3/16" flat washer)**
- 1 x PB2 **1/4 x 1-1/4" Pan Bolt (1/4" flat washer, 1/4" lock washer, 1/4" t-nut)**
- 2 x H5 **1/4 x 4-1/2" Hex Bolt (1/4" flat washer, 1/4" lock washer, 1/4" t-nut)**
- 1 x H1 **1/4 x 1-1/2" Hex Bolt (1/4" flat washer, 1/4" lock washer, 1/4" t-nut)**
- 2 x LS3 **1/4 x 3" Lag Screw (1/4" flat washer)**

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Step 10: Front Wall Assembly

A: On the front side of the assembly, attach (0799) Floor Back to both (1500) Posts using 2 (H5) 1/4 x 4-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1) The middle bolt hole should be towards the bottom.

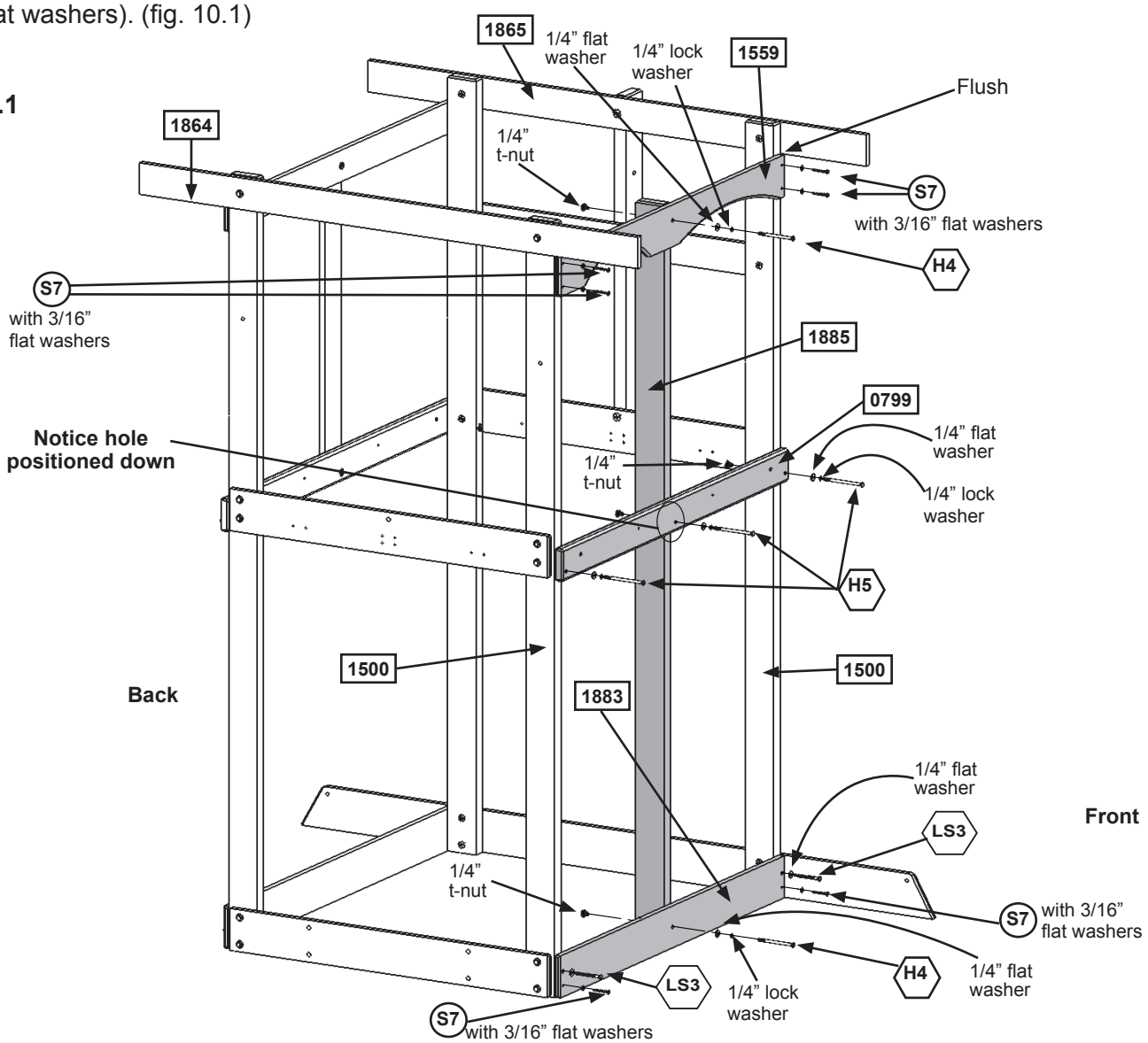
Note: Pre-drill all holes using a 1/8” drill bit before installing the lag screws.

B: Attach (1883) Front Ground to the bottom of (1500) Posts with 2 (LS3) 1/4 x 3” Lag Screws (with flat washer) in the top (pre-drilled) holes and 2 (S7) #12 x 2” Pan Screws (with 3/16” flat washers) in the bottom holes as shown in fig. 10.1.

C: Attach (1885) Centre Post to (0799) Floor Back with 1 (H5) 1/4 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut); to (1883) Front Ground with 1 (H4) 1/4 x 4” Hex Bolt (with lock washer, flat washer and t-nut); and to (1559) Top Front with 1 (H4) 1/4 x 4” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 10.1).

D: Make sure (1559) Top Front is level and then attach to both (1500) Posts using 4 (S7) #12 x 2” Pan Screws (with 3/16” flat washers). (fig. 10.1)

Fig. 10.1



Wood Parts

- 1 x 1559 **Top Front 1 x 5 x 46-1/2”**
- 1 x 1885 **Centre Post 2 x 4 x 79-5/8”**
- 1 x 0799 **Floor Back 5/4 x 4 x 46-3/4”**
- 1 x 1883 **Front Ground 1 x 5 x 46-5/8”**

Hardware

- 6 x S7 **#12 x 2” Pan Screw (3/16” flat washer)**
- 3 x H5 **1/4 x 4-1/2” Hex Bolt (1/4” flat washer, 1/4” lock washer, 1/4” t-nut)**
- 2 x LS3 **1/4 x 3” Lag Screw (1/4” flat washer)**
- 2 x H4 **1/4 x 4” Hex Bolt (1/4” flat washer, 1/4” lock washer, 1/4” t-nut)**

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Step 11: Attach Gussets

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

A: Make sure the assembly is square before proceeding.

B: Attach (0403) Gusset to (1500) Post on the front Swing Wall side using 1 (LS3) 1/4 x 3" Lag Screw (with flat washer). The other end of the gusset should be tight against (0799) Floor Back. (fig. 11.1)

C: Attach the other end of (0403) Gusset to (0799) Floor Back with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) as shown in fig. 11.1.

D: Measure 2" down from the top of (1501) Floor End, place 1 (0367) Floor Gusset against each (1500) Post on the Swing Wall and attach to posts using 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per post. The other end of the gusset should be tight against (1501) Floor End. (fig. 11.1 and 11.2)

E: Attach the other end of each (0367) Floor Gusset to (1501) Floor End with 2 (S2) #8 x 1-1/2" Wood Screws as shown in fig. 11.1.

Fig. 11.1

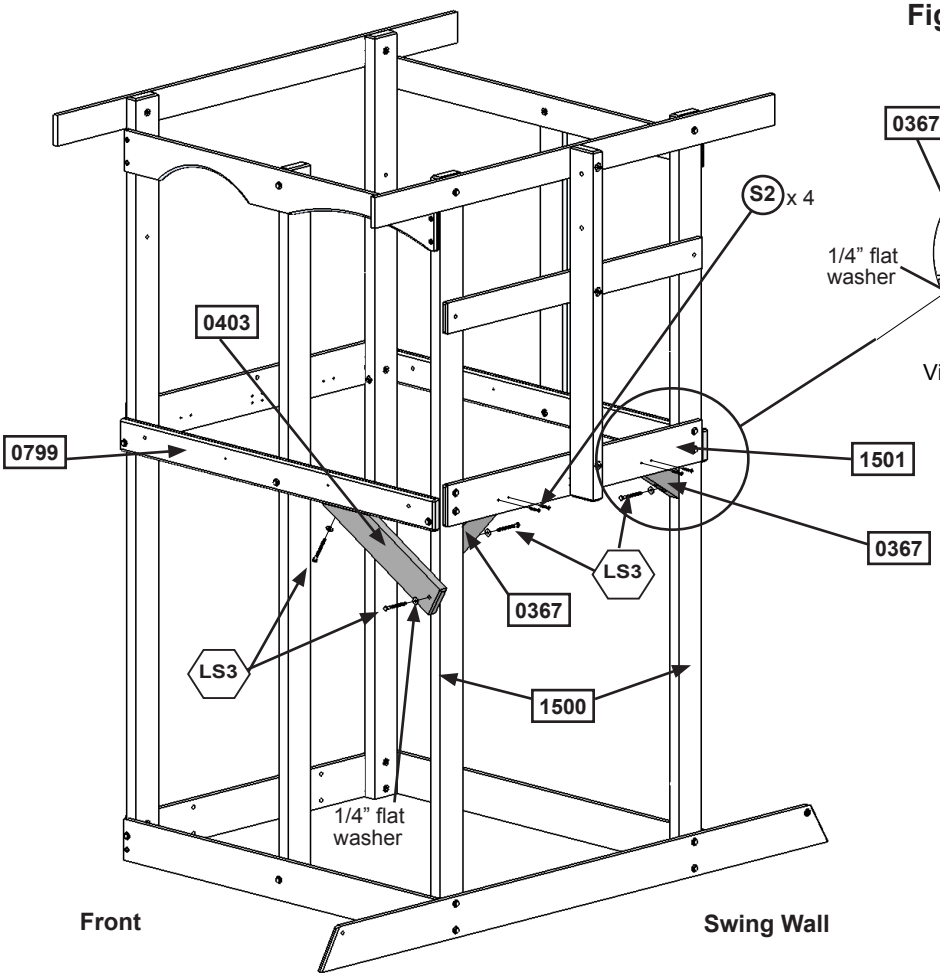
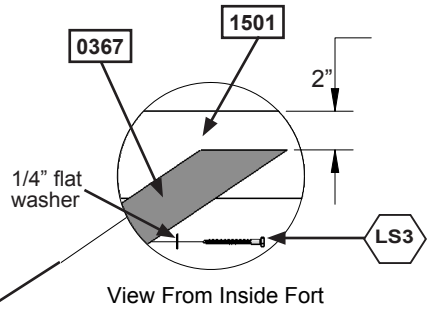


Fig. 11.2



Wood Parts

1 x 0403 Gusset 5/4 x 4 x 18-1/2"
2 x 0367 Floor Gusset 2 x 3 x 11"

Hardware

4 x S2 #8 x 1-1/2" Wood Screw
4 x LS3 1/4 x 3" Lag Screw (1/4" flat washer)

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Step 12: Attach Lower Diagonals

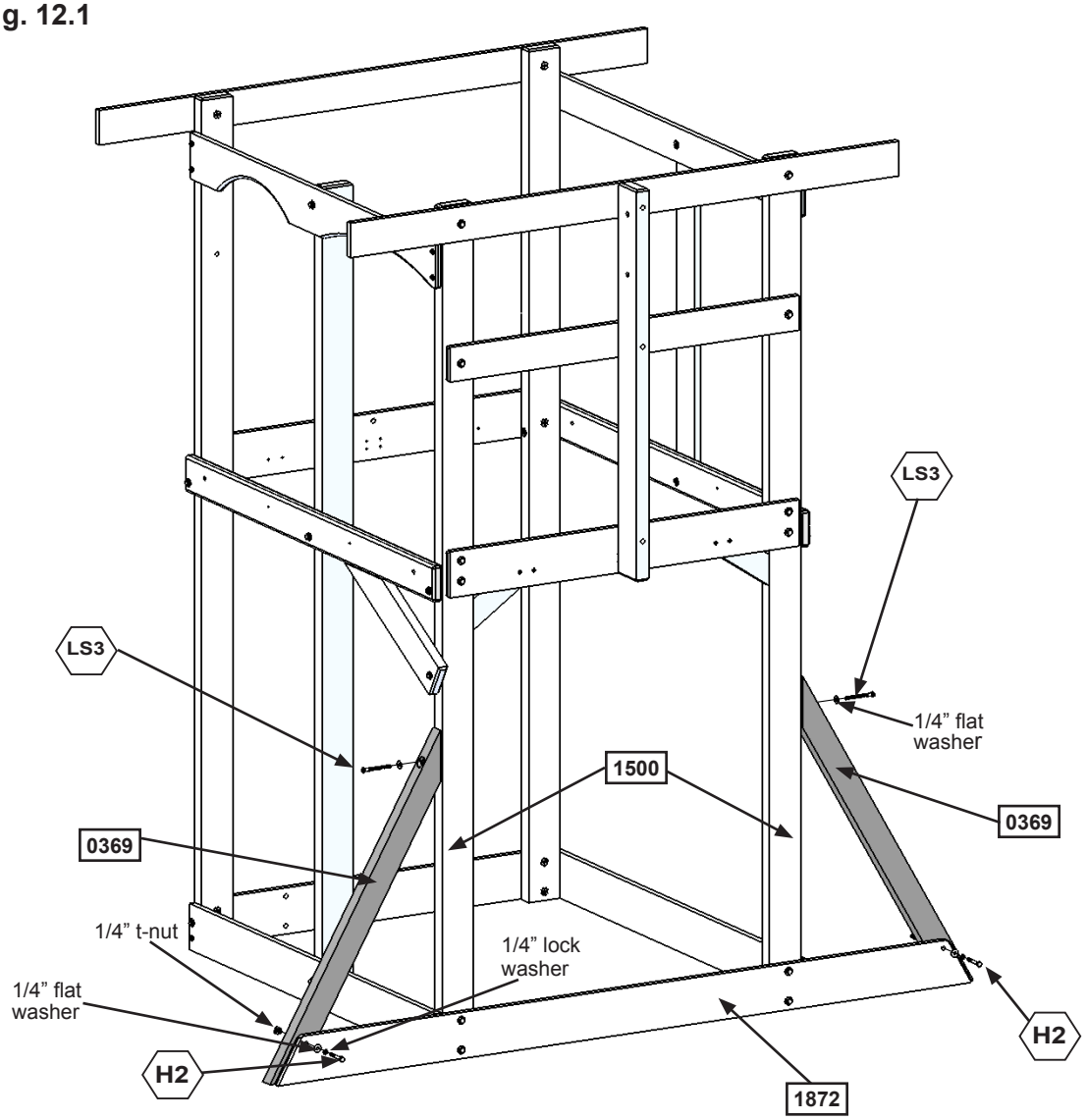
Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

A: Attach 1 (0369) Lower Diagonal to each end of (1872) Ground with 1 (H2) 1/4 x 2" Hex Bolt (with flat washer, lock washer and t-nut) per side. (fig. 12.1) ***Make sure to keep the bolts loose.***

B: Through the pre-drilled holes attach (0369) Lower Diagonals to each (1500) Post using 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per diagonal. (fig. 12.1)

Tighten the Hex Bolts from Step A.

Fig. 12.1



Wood Parts

2 x 0369 Lower Diagonal 2 x 3 x 37"

Hardware

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

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

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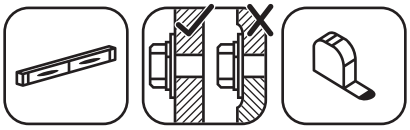
Step 13: Floor Frame Assembly



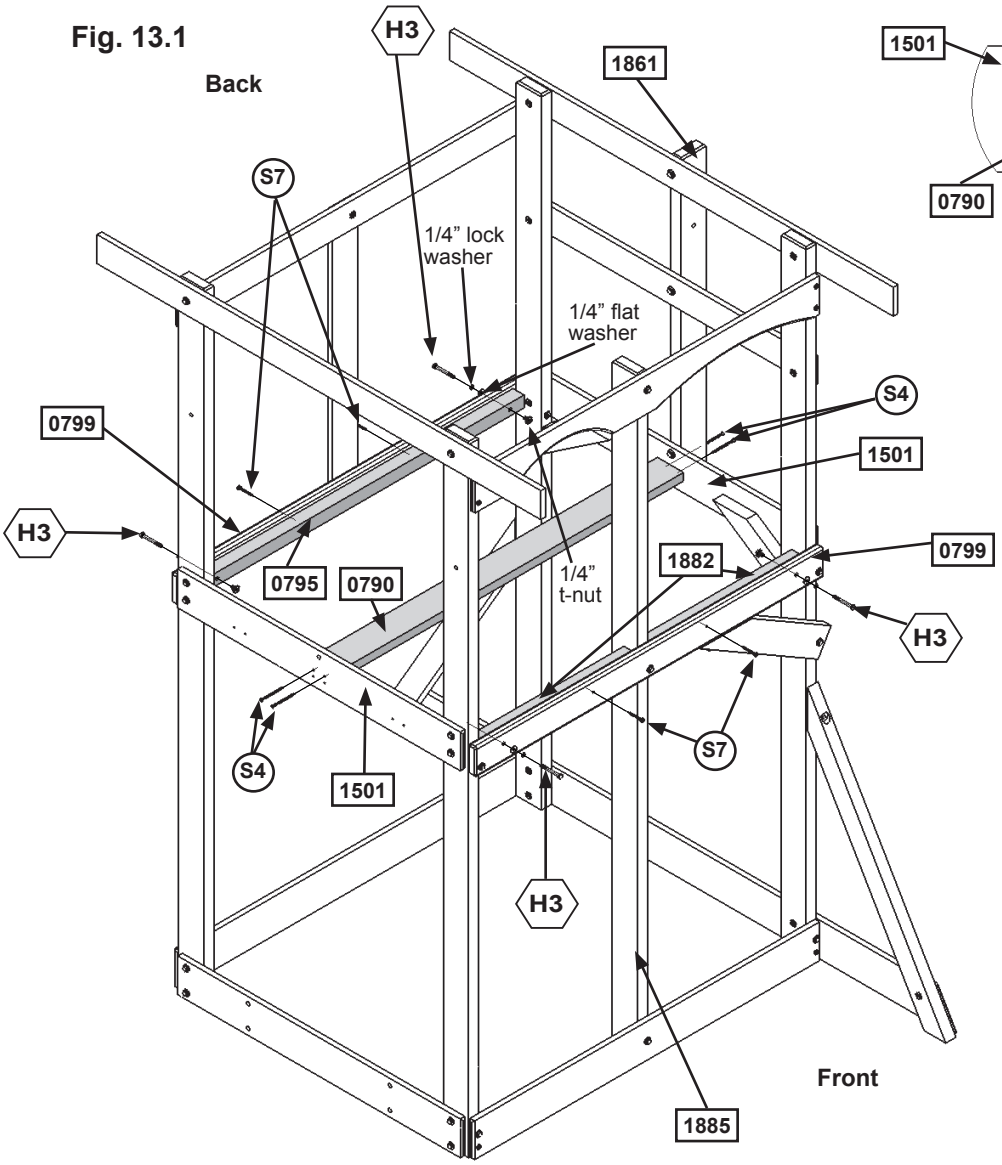
A: Remove the middle and bottom bolts in (1861) SW Mount. Do not discard these bolts, you will re-install them after the (0790) Floor Joist is attached. (fig. 13.1)

B: From inside of the assembly, measure 2” down from the top of each (1501) Floor End (fig. 13.2) and then attach (0790) Floor Joist to each board in the top pilot holes with 2 (S4) #8 x 3” Wood Screws per end. (fig.13.2)

C: Reinstall the bolts in (1861) SW Mount and tighten all three bolts. (fig. 13.1)

D: On the back of the assembly attach (0795) Side Joist to the inside of (0799) Floor Back with 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut) in the outside holes and 2 (S7) #12 x 2” Pan Screws in the inside holes as shown in fig. 13.1.

Fig. 13.1



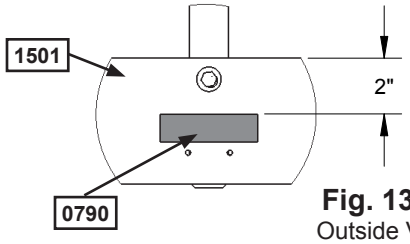


Fig. 13.2
Outside View

E: On the front of the assembly attach one (1882) Short Joist on each side of (1885) Centre Post, to the inside of (0799) Floor Back with 1 (H3) 1/4 x 2-1/2” Hex Bolt (with lock washer, flat washer and t-nut), per board, in the outside holes. Make sure both boards are level then attach with 1 (S7) #12 x 2” Pan Screw, per board, in the inside holes, as shown in fig. 13.1.

Wood Parts

- 1 x 0795 **Side Joist 2 x 2 x 43”**
- 1 x 0790 **Floor Joist 5/4 x 4 x 46-1/2”**
- 2 x 1882 **Short Joist 2 x 2 x 20-1/2”**

Hardware

- 4 x H3 **1/4 x 2-1/2” Hex Bolt (1/4” flat washer, 1/4” lock washer, 1/4” t-nut)**
- 4 x S7 **#12 x 2” Pan Screw**
- 4 x S4 **#8 x 3” Wood Screw**

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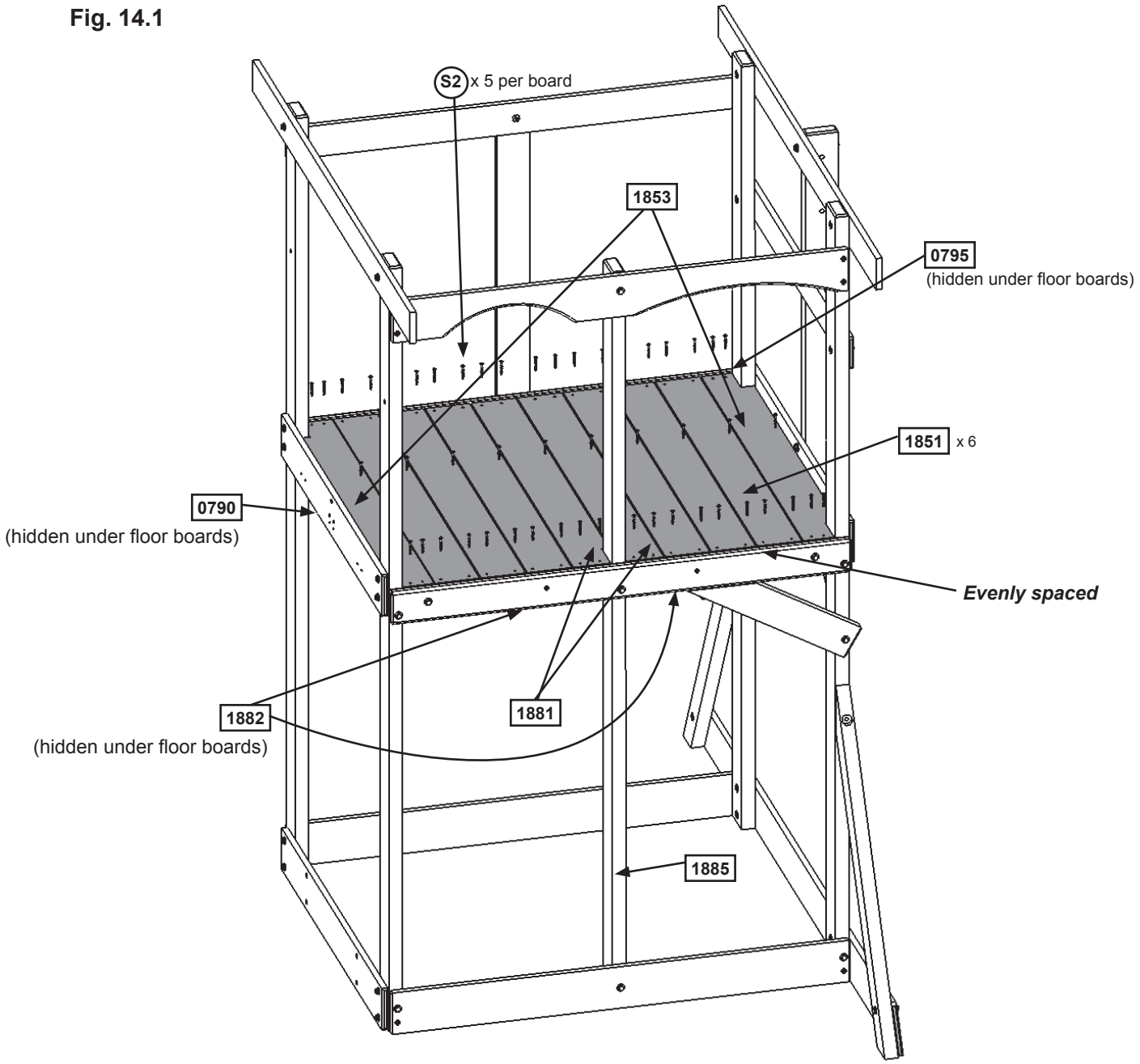
Step 14: Attach Gap and Floor Boards

A: Place one (1853) Cedar Gap Board at each end of the assembly; two (1881) CE Centre Gap Board in the middle so the gaps in the boards fit around the (1885) Centre Post; and six (1851) Cedar Floor Boards in between the Gap and Centre Boards. Make sure all boards are evenly spaced. (fig. 14.1)

B: Attach all boards to (0795) Side Joist, (0790) Floor Joist and (1882) Short Joists with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 14.1)

Fig. 14.1



Wood Parts

- 2 x 1853 Cedar Gap Board 1 x 5 x 38-3/4"
- 6 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"
- 2 x 1881 CE Centre Gap Board 1 x 5 x 38-3/4"

Hardware

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

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Step 15: Swing Side Wall Assembly

A: In between both (1500) Posts on Swing Wall side attach six (1503) Wall Boards to (1501) Floor End and (1502) Wall Support using 4 (S0) #8 x 7/8" Truss Screws per board. Make sure the bottom of the boards are tight against the floor boards and bevelled edges are facing out and are at the top of the boards. The distance between boards should be evenly spaced, not exceeding 1-13/16". (fig. 15.1 and 15.2)

Note: Gaps between boards evenly spaced, not to exceed 1-13/16"

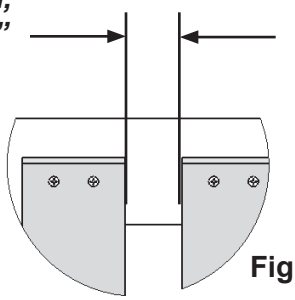


Fig. 15.2

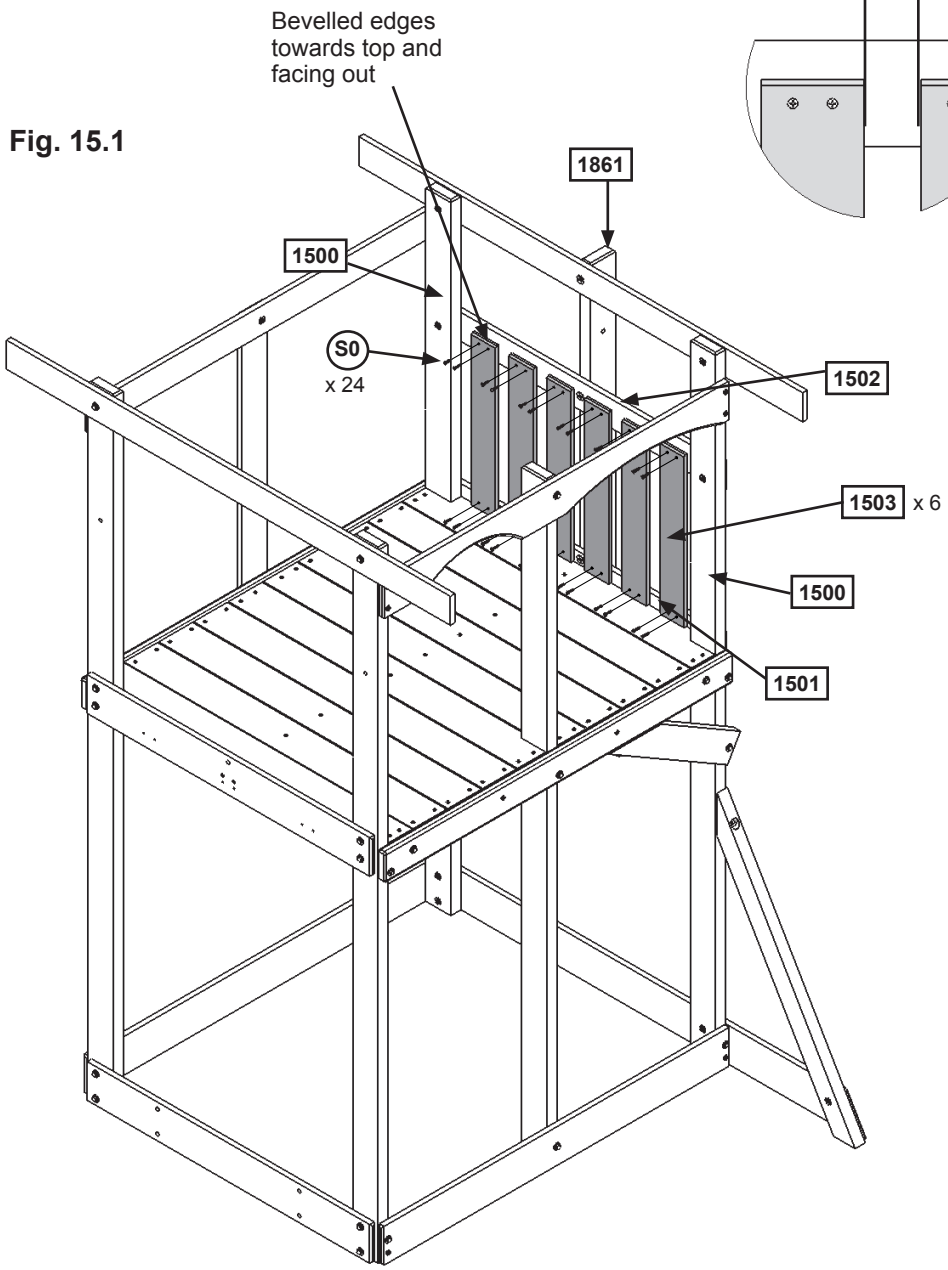


Fig. 15.1

Wood Parts

6 x 1503 Wall Board 1/2 x 4 x 20"

Hardware

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

Step 16: Chalk Wall Frame Assembly

A: On the back of the assembly, attach (0726) Panel Frame to (1500) Post using 2 (S2) #8 x 1-1/2" Wood Screws. The top of (0726) Panel Frame is tight to the bottom of (0358) Top Front Back. (fig. 16.1)

B: Place (0705) Cedar Wall tight to the bottom of (0726) Panel Frame and attach to (1500) Post using 2 (S2) #8 x 1-1/2" Wood Screws. The bevelled edge faces the inside of the assembly, against (1855) Divider. (fig. 16.2)

Fig. 16.1

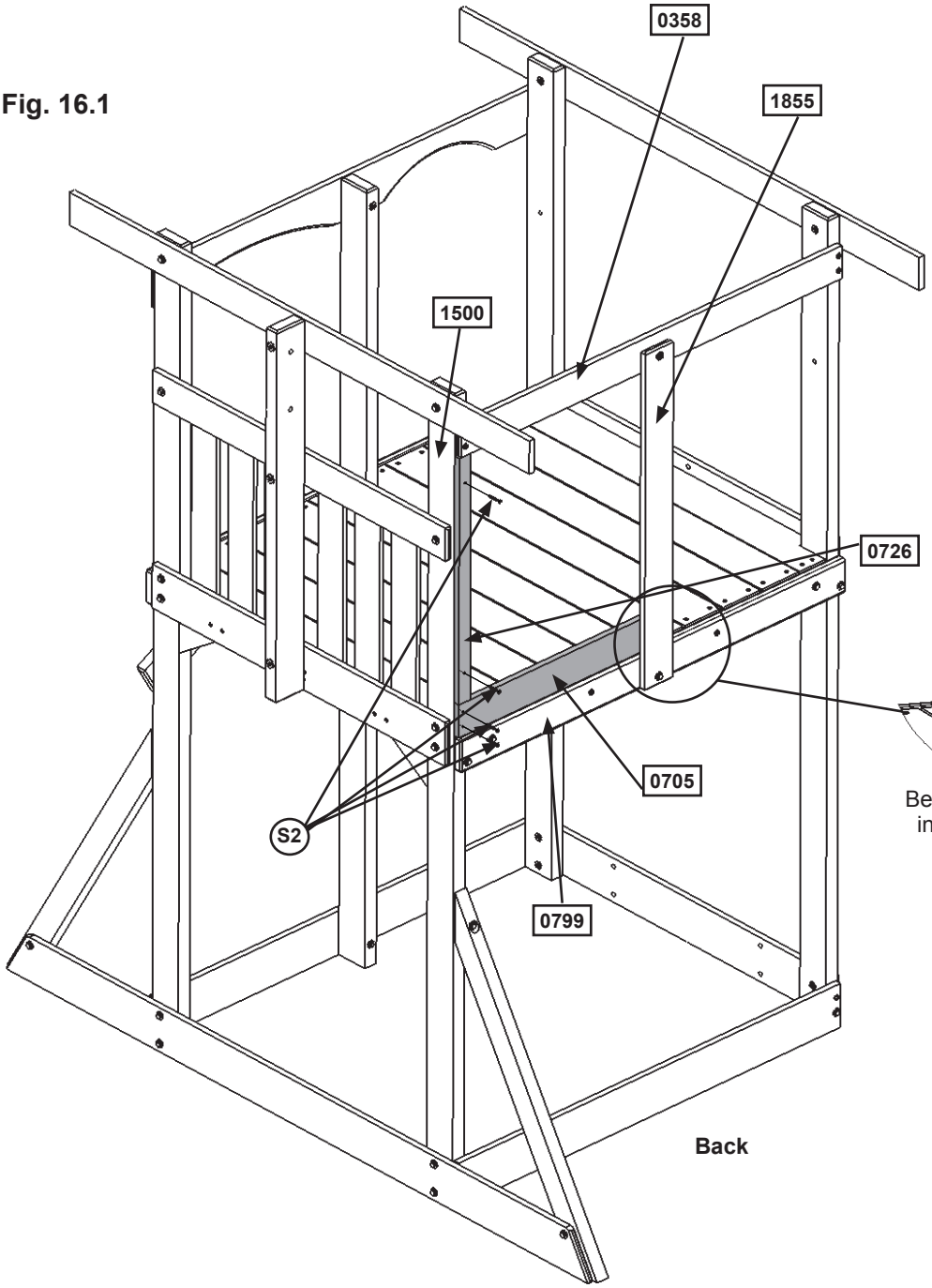
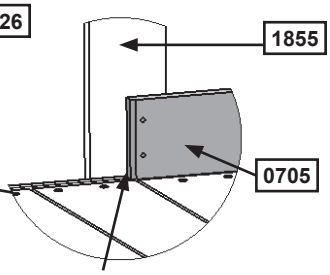


Fig. 16.2
Inside Fort View



Bevelled edge facing inside of assembly

Wood Parts

1 x 0726 **Panel Frame1 x 2 x 25-1/2"**
1 x 0705 **Cedar Wall 1 x 4 x 23-1/2"**

Hardware

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

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Step 17: Attach Chalk Wall/Tarp to Fort

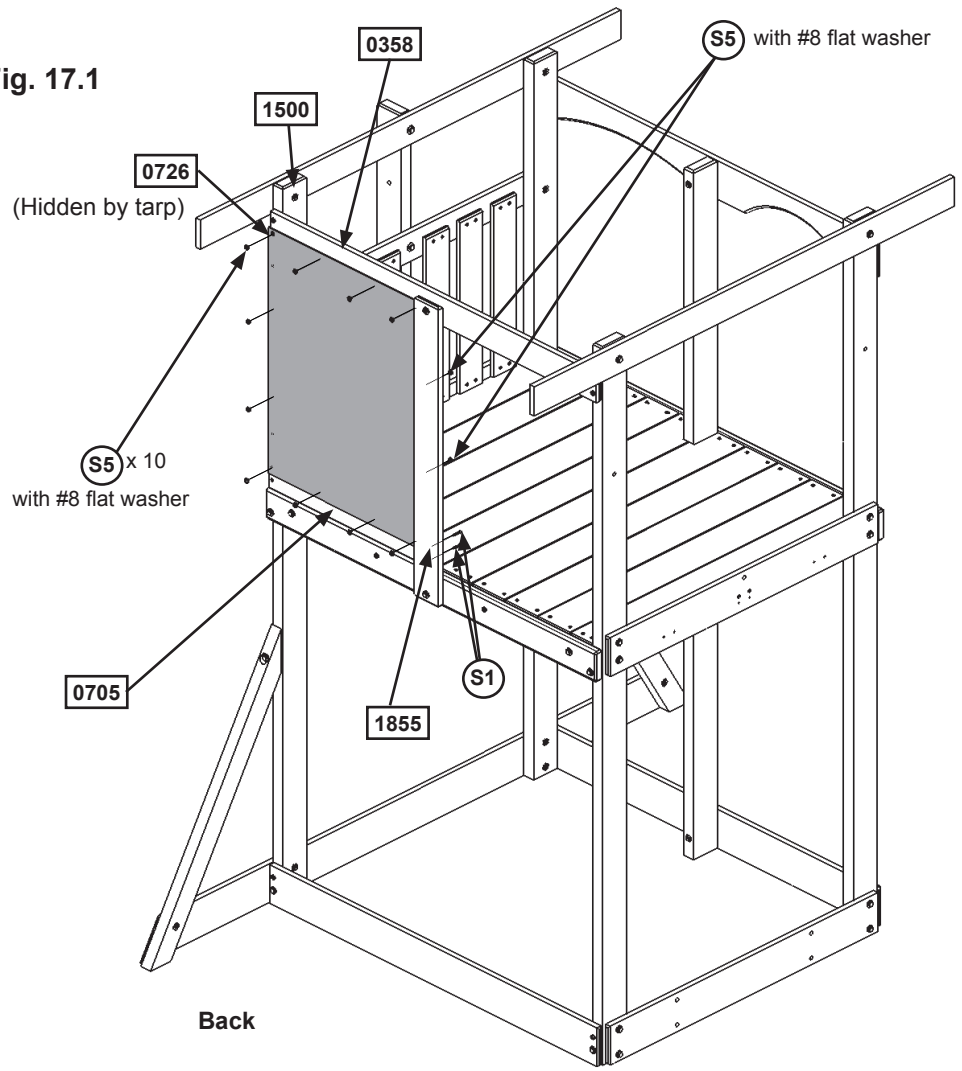
A: On the back of the assembly, loosen the top bolt in (1855) Divider and place the Chalk Wall Tarp in between (1855) Divider and (0358) Top Front Back. (fig. 17.1)

B: Attach Chalk Wall Tarp to (0358) Top Front Back, (0726) Panel Frame, (0705) Cedar Wall and (1855) Divider using 12 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 17.1. The 2 screws on (1855) Divider are attached from the inside of the assembly. (fig. 17.1)

C: Tighten the top bolt in (1855) Divider.

D: Make sure (0705) Cedar Wall is level and then attach to (1855) Divider using 2 (S1) #8 x 1-1/8" Wood Screws. (fig. 17.1)

Fig. 17.1



Hardware

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

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

Other Parts

1 x Chalk Wall Tarp

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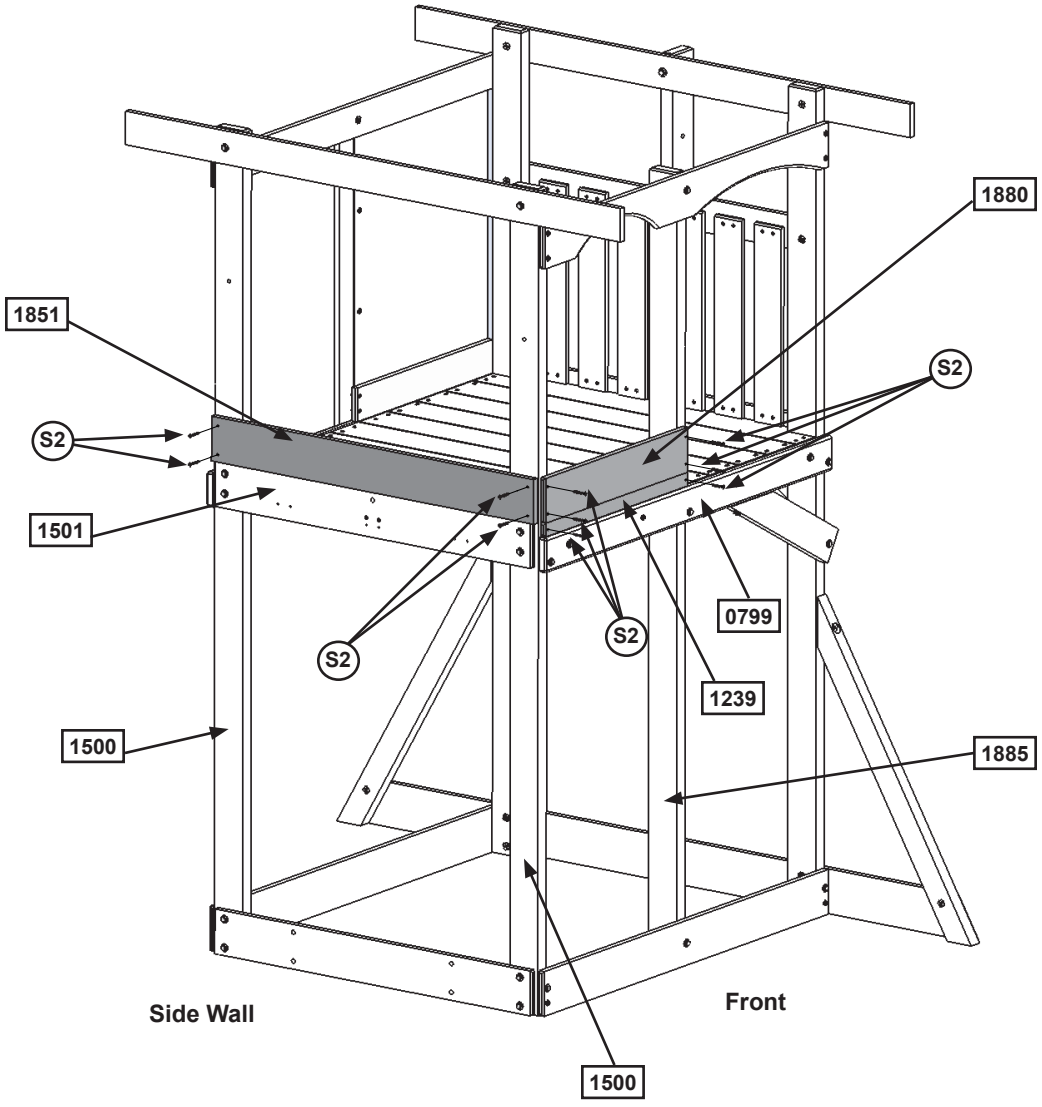
Step 18: Slide and Front Wall Frame Assembly

A: On the Side Wall side of the assembly, attach (1851) Cedar Floor Board to both (1500) Posts, tight to the top of (1501) Floor End, using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1)

B: On the Front side of the assembly, attach (1239) Picket to (1500) Post and (1885) Centre Post, tight to the top of (0799) Floor Back, using 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1)

C: Tight to the top of (1239) Picket, attach (1880) CE Wall Board to (1500) Post and (1885) Centre Post using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1)

Fig. 18.1



Wood Parts

1 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"
1 x 1880 CE Wall Board 1 x 5 x 23-1/2"
1 x 1239 Picket 1 x 2 x 23-1/2"

Hardware

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

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Step 19: Cafe Canopy Assembly

A: Feed Cafe Frame A through the pockets of the Cafe Canopy on the long side. The end with the screw holes should be on the inside of the canopy. (fig. 19.1)

B: Feed Cafe Frame B through the pockets of the shorter side of the Cafe Canopy. The end with the screw holes should line up with the screw holes on Cafe Frame A. (fig. 19.1)

C: Attach both frames together with 2 (MB1) #12 x 1/2" Machine Bolt (with #12 lock nut). (fig. 19.2 and 19.3)

Fig. 19.1

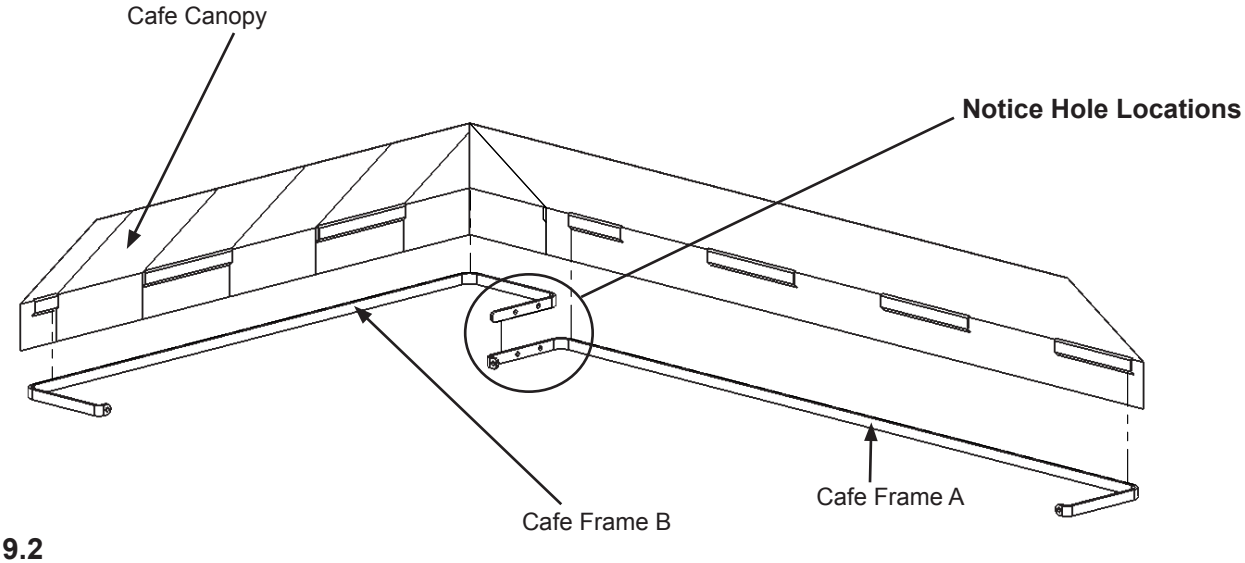

Fig. 19.2

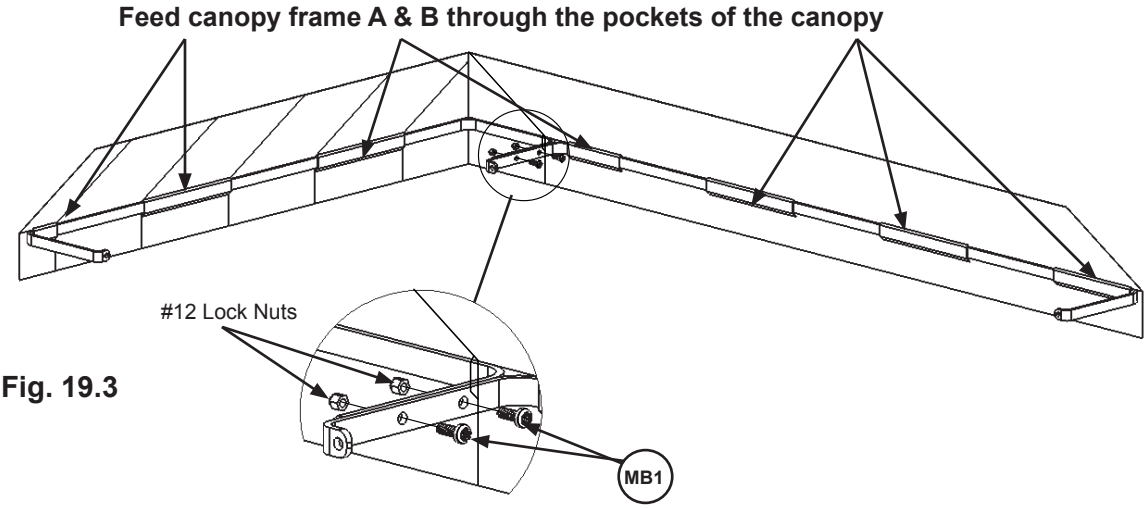

Fig. 19.3

Hardware

2 x (MB1) #12 x 1/2" Machine Bolt (#12 lock nut)

Other Parts

1 x Cafe Canopy

1 x Cafe Frame A

1 x Cafe Frame B

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Step 20: Attach Cafe Canopy to Fort
Part 1

A: Remove the (S2) #8 x 1-1/2" Wood Screw on the (1885) Centre Post side of the (1239) Picket. (fig. 20.2)

B: Place the Cafe Canopy on the fort so Cafe Frame A (longer side) is on the Side Wall side and Cafe Frame B (shorter side) is on the Front side of the fort. (fig. 20.1)

C: The distance from the bottom of Cafe Frame B to the bottom of (1239) Picket should be 7/16". (fig. 20.3)

Fig. 20.2

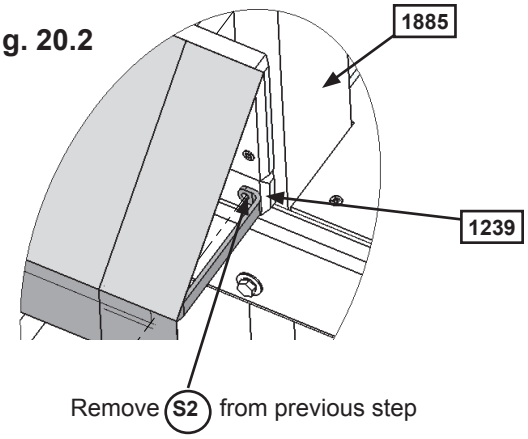


Fig. 20.3

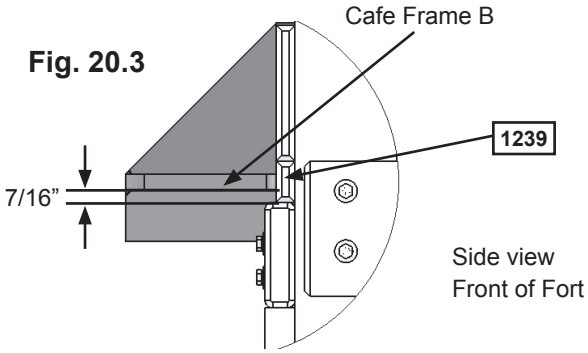


Fig. 20.4

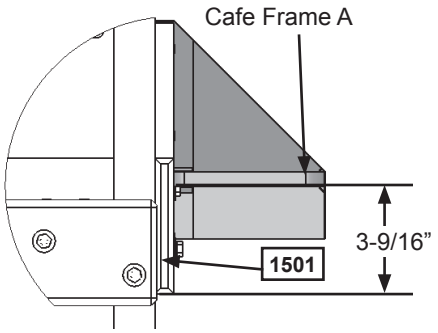
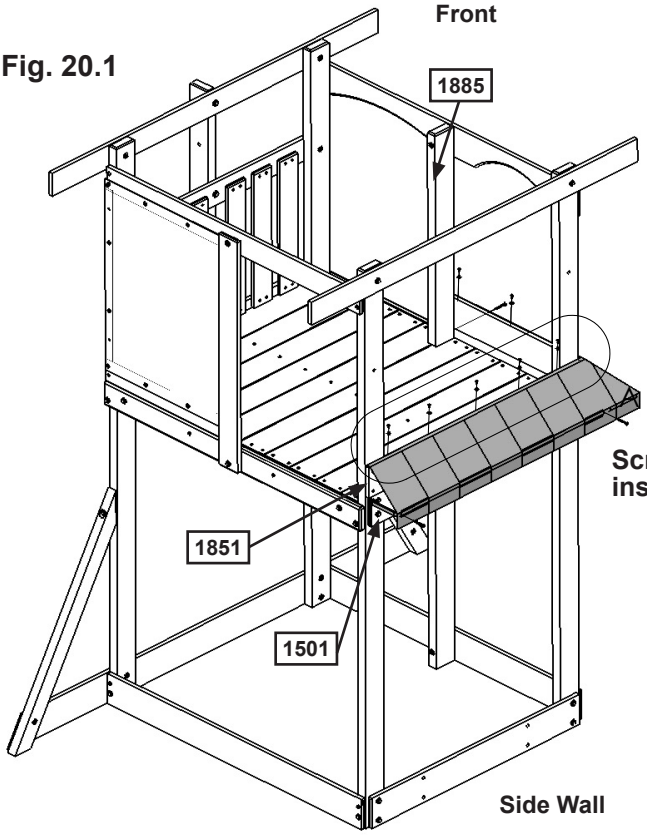


Fig. 20.1



D: The distance from the bottom of Cafe Frame A to the bottom of (1501) Floor End should be 3-9/16". Check the distance on both sides of (1501) Floor End. (fig. 20.4)

Screws shown in diagram, but not installed until Step 20, Part 2

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Step 20: Attach Cafe Canopy to Fort Part 2

Pre-drill holes using a 1/8" drill bit before installing the (S6) #12 x 1" and (S7) #12 x 2" Pan Screws.

E: Attach Cafe Frame A to (1501) Floor End with 2 (S6) #12 x 1" Pan Screws (fig. 20.5 and 20.6) and Cafe Frame B to (1239) Picket with 1 (S7) #12 x 2" Pan Screws. (fig. 20.7)

F: Attach Cafe Canopy to top of (1851) Cedar Floor Board with 5 (S5) #8 x 1/2" Pan Screws (with #8 flat washers) and to (1880) CE Wall Board with 3 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Make sure to evenly space the screws. (fig. 20.1 and 20.8).

Fig. 20.1

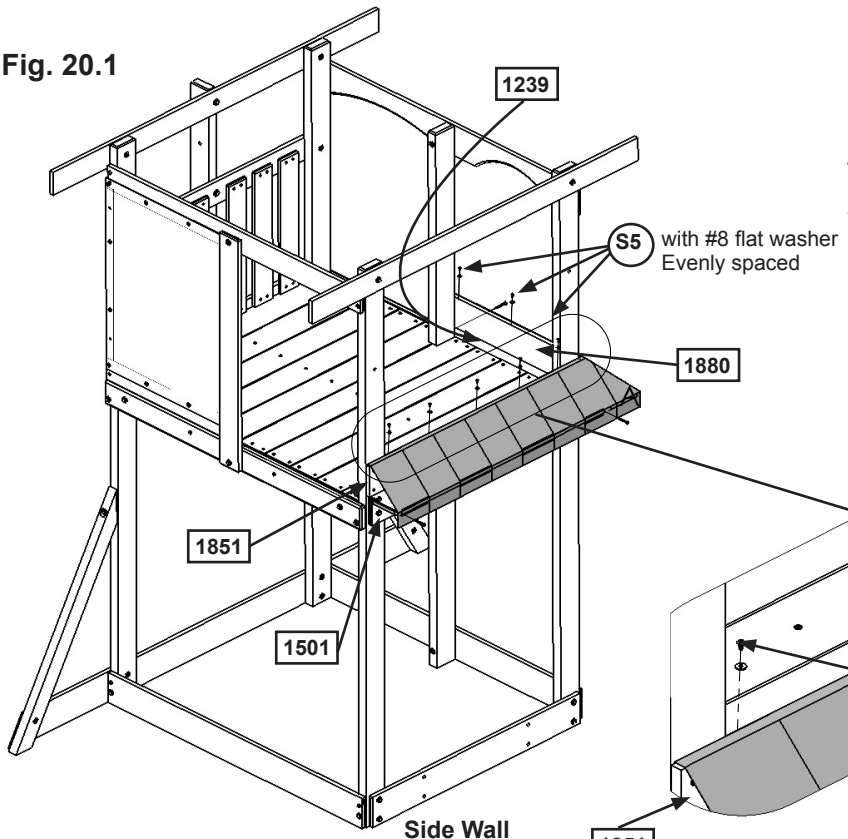


Fig. 20.8

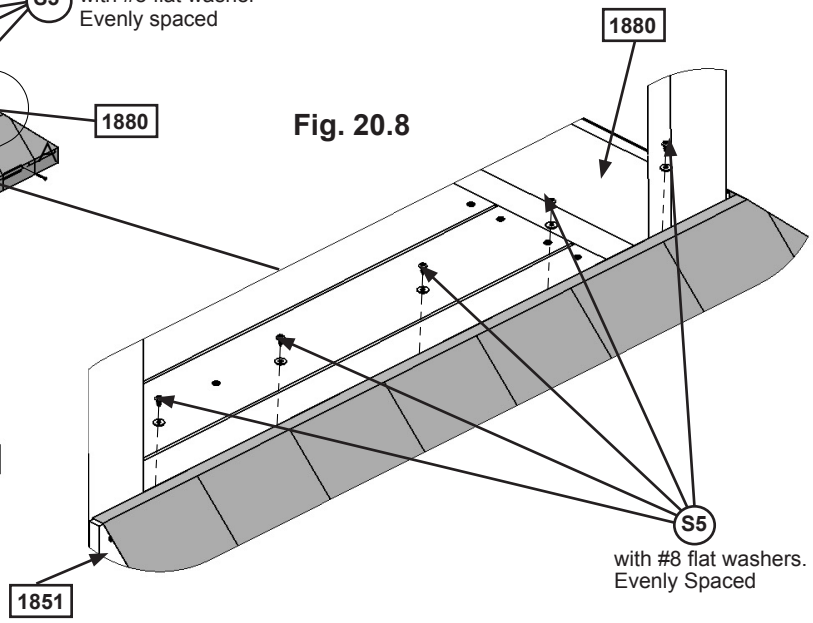


Fig. 20.5

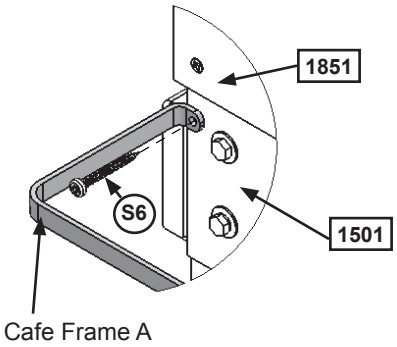


Fig. 20.6

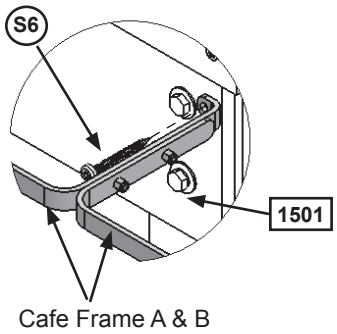
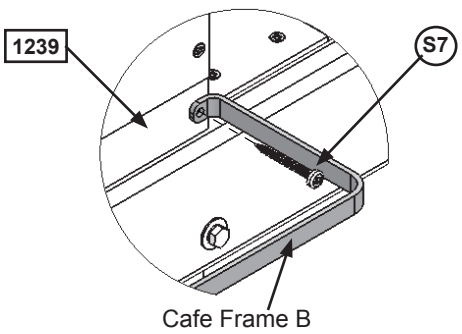


Fig. 20.7



Parts Removed for Clarity

Hardware

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

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

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

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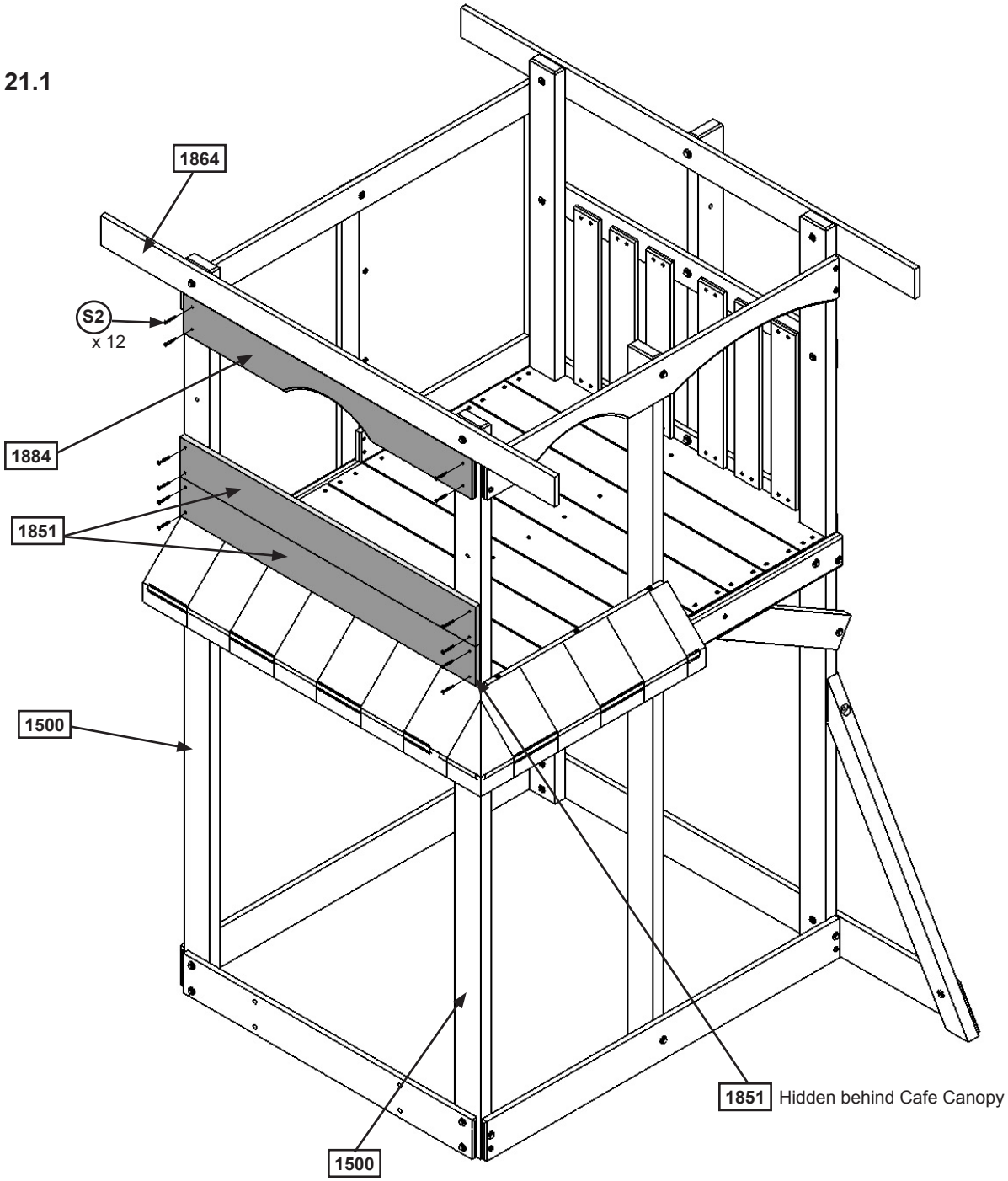
Step 21: Side Wall Window Assembly Part 1

A: Tight to the bottom of (1864) SL Roof Side, with the arch facing down, attach (1884) Side Top to both (1500) Posts with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 21.1)

B: Tight to the top of the (1851) Cedar Floor Board, which the Cafe Canopy is attached to, attach 2 more (1851) Cedar Floor Boards to both (1500) Posts with 4 (S2) #8 x 1-1/2" Wood Screws per board. The boards should be tight to each other. (fig. 21.1)

Fig. 21.1



Wood Parts

2 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"

1 x 1884 Side Top 1 x 5 x 38-1/4"

Hardware

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

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Step 21: Side Wall Window Assembly Part 2

C: Measure 4-1/2” from the top of (1864) SL Roof Side and tight to both (1500) Posts attach 2 (0702) CE Wall Boards, with bevelled edges facing out and at the top of the boards, to (1884) Side Top and the middle (1851) Cedar Floor Board using 4 (S1) #8 x 1-1/8” Wood Screws per board. (fig. 21.2 and 21.3)

D: Tight to each (0702) CE Wall Boards attach 2 more boards, with bevelled edges facing out and at the top of the boards, to (1884) Side Top and the middle (1851) Cedar Floor Board using 4 (S1) #8 x 1-1/8” Wood Screws per board. (fig. 21.2)

Fig. 21.2

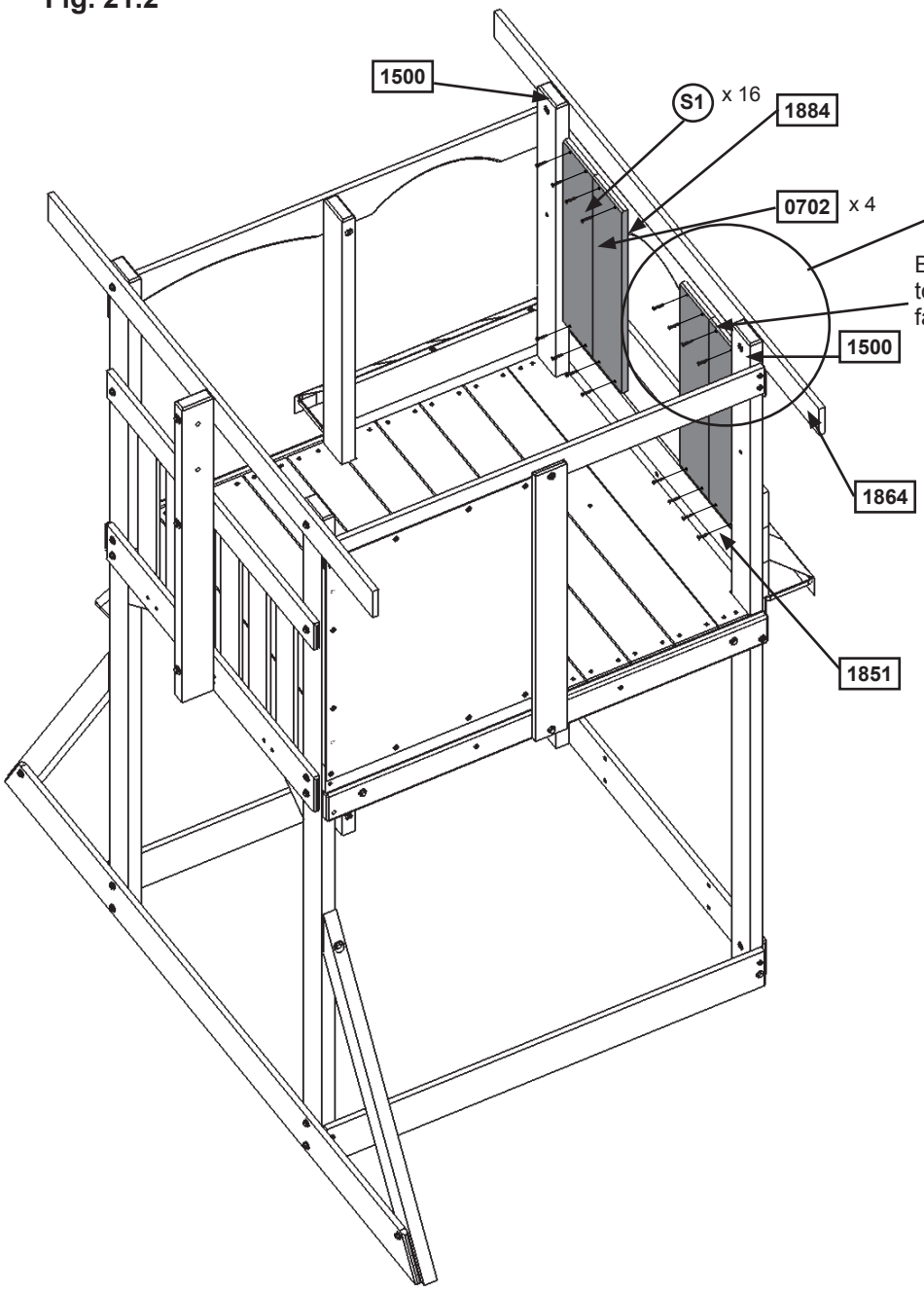
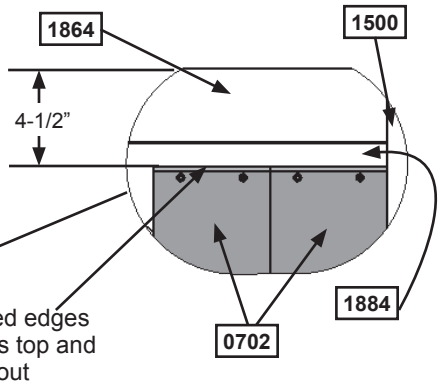


Fig. 21.3



Wood Parts

4 x 0702 CE Wall Boards 1 x 6 x 23-1/2”

Hardware

16 x S1 #8 x 1-1/8” Wood Screw

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Step 22: Front Wall Window Assembly

A: Tight to the top of the (1880) CE Wall Board, which the Cafe Canopy is attached to, attach 2 more (1880) CE Wall Boards to (1500) Post and (1885) Centre Post with 4 (S2) #8 x 1-1/2" Wood Screws per board. The boards should be tight to each other. (fig. 22.1)

B: Measure 1" from the top of (1559) Top Front and tight to both (1885) Centre Post and (1500) Post attach 2 (1880) CE Wall Boards, with bevelled edges facing out and at the top of the boards, to (1559) Top Front and the middle (1880) CE Wall Board using 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 22.2)

Fig. 22.1

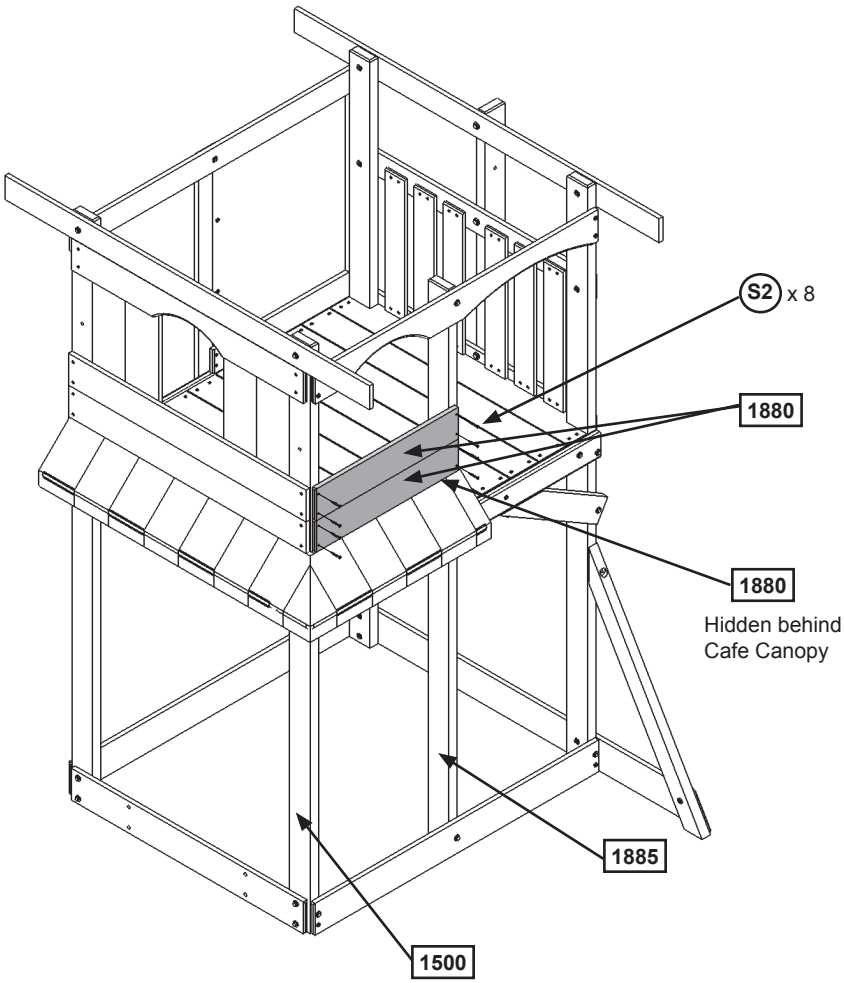
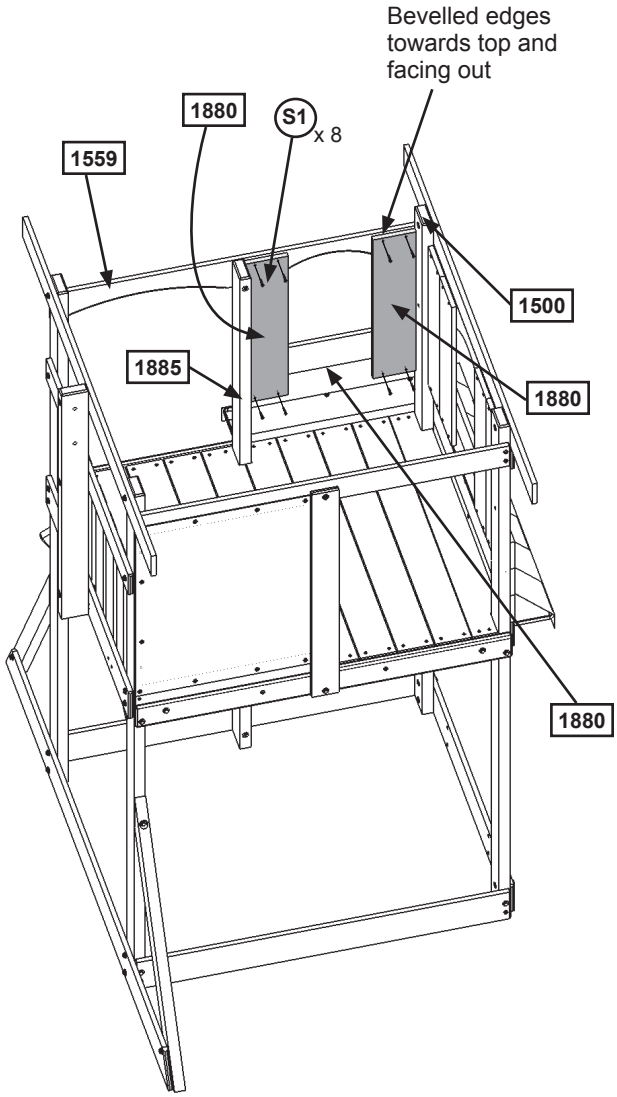


Fig. 22.2



Wood Parts

4 x 1880 **CE Wall Board 1 x 5 x 23-1/2"**

Hardware

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

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

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Step 23: 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 2 (0318) Ground Stakes 10-1/2" into the ground at both ends of (1872) Ground into each (0369) Lower Diagonal as shown in fig. 23.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake.

B: Drive 1 (0318) Ground Stake 10-1/2" into the ground at (1500) Post on the inside of the assembly as shown in fig. 23.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws.

Fig. 23.1

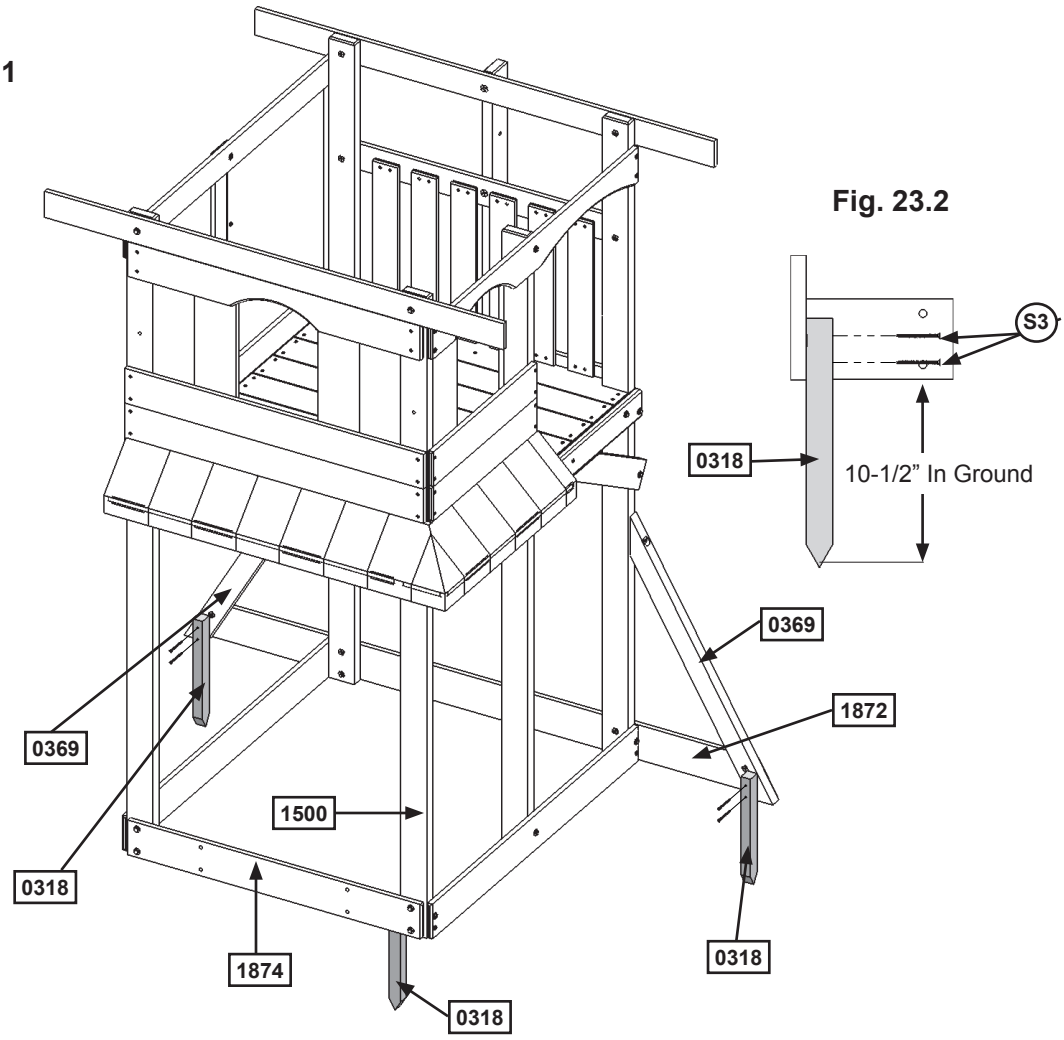

Fig. 23.2

Wood Parts

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

Hardware

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

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Step 24: Roof Frame Assembly

A: Attach 1 (0357) Tarp Front Back to each end of (1864) SL Roof Side and (1865) SW Roof Side, making sure the pilot holes are centred on the end of each Roof Side, with 4 (S2) #8 x 1-1/2" Wood Screws per (0357) Tarp Front Back. (fig. 24.1 and 24.2)

B: At all 4 corners centre and attach 1 Corner Brace using 3 (S5) #8 x 1/2" Pan Screw per brace as shown in fig. 24.1 and 24.3.

Fig. 24.1

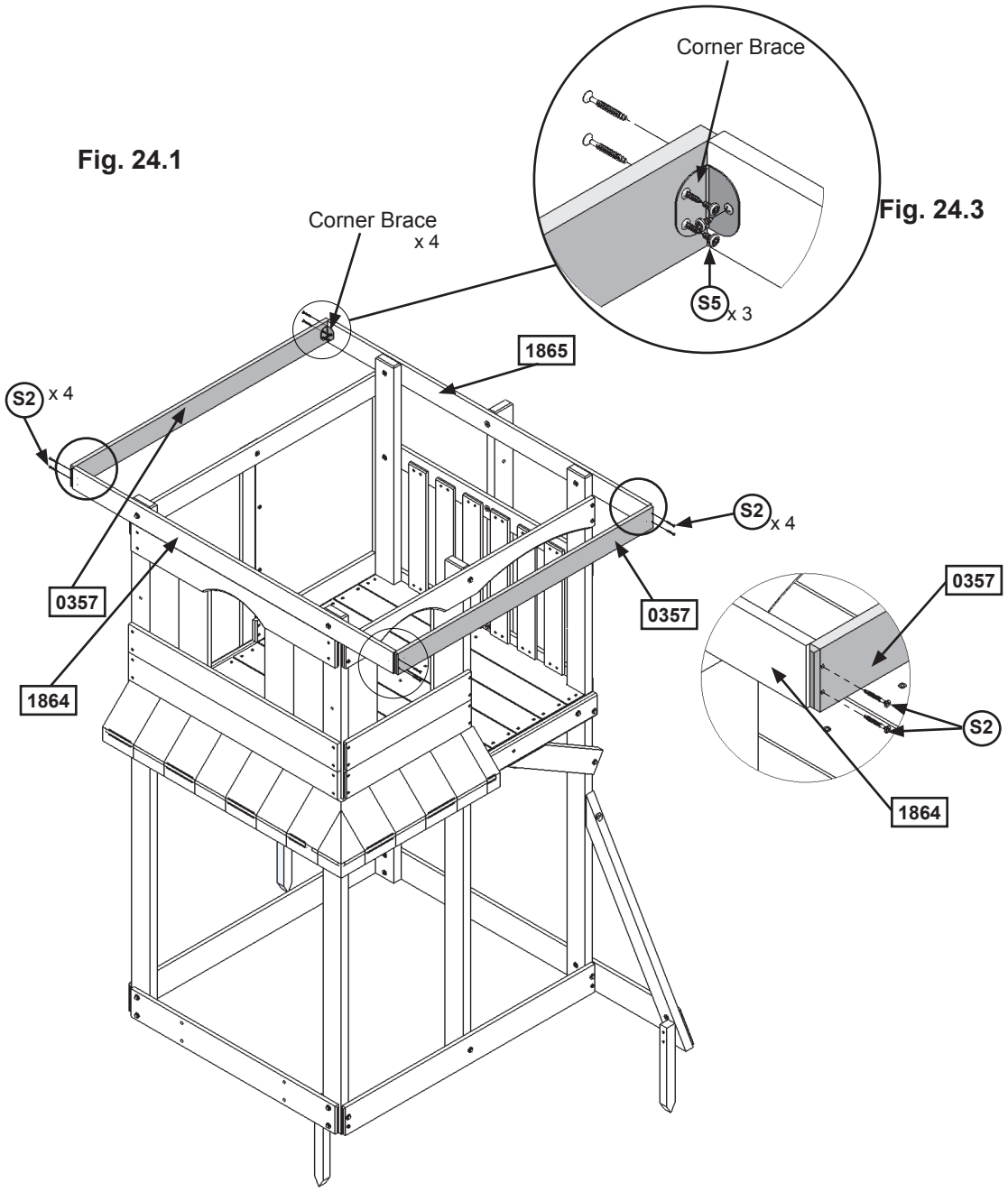

Fig. 24.3

Fig. 24.2

Wood Parts	Hardware	Other Parts
2 x 0357 Tarp Front Back 1 x 4 x 47-3/4"	8 x S2 #8 x 1-1/2" Wood Screw 12 x S5 #8 x 1/2" Pan Screw	4 x Corner Brace

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Step 25: Attach Roof to Fort

A: With two helpers place the Roof Assembly, from Step 6, on the fort as shown in fig. 25.1. The roof should be centred on the assembly and (0863) Roof Supports should be flush to the inside of the fort and resting on (1865) SW Roof Side and (1864) SL Roof Side. The (0501) Joists should fit tight to the inside of each (0357) Tarp Front Back.

B: Attach 1 (0514) Roof Brace to each (0863) Roof Support so it is tight against the angled edge of the Roof Supports using 2 (S2) #8 x 1-1/2" Wood Screws per brace. (fig. 25.2 & 25.3)

C: Attach each (0514) Roof Brace to (1865) SW Roof Side and (1864) SL Roof Side using 2 (S1) #8 x 1-1/8" Wood Screws per brace. (fig. 25.2 & 25.3)

D: Predrill and attach (0357) Tarp Front Back to (0501) Joists using 1 (S2) #8 x 1-1/2" Wood Screw per side. (fig. 25.1)

Fig. 25.1

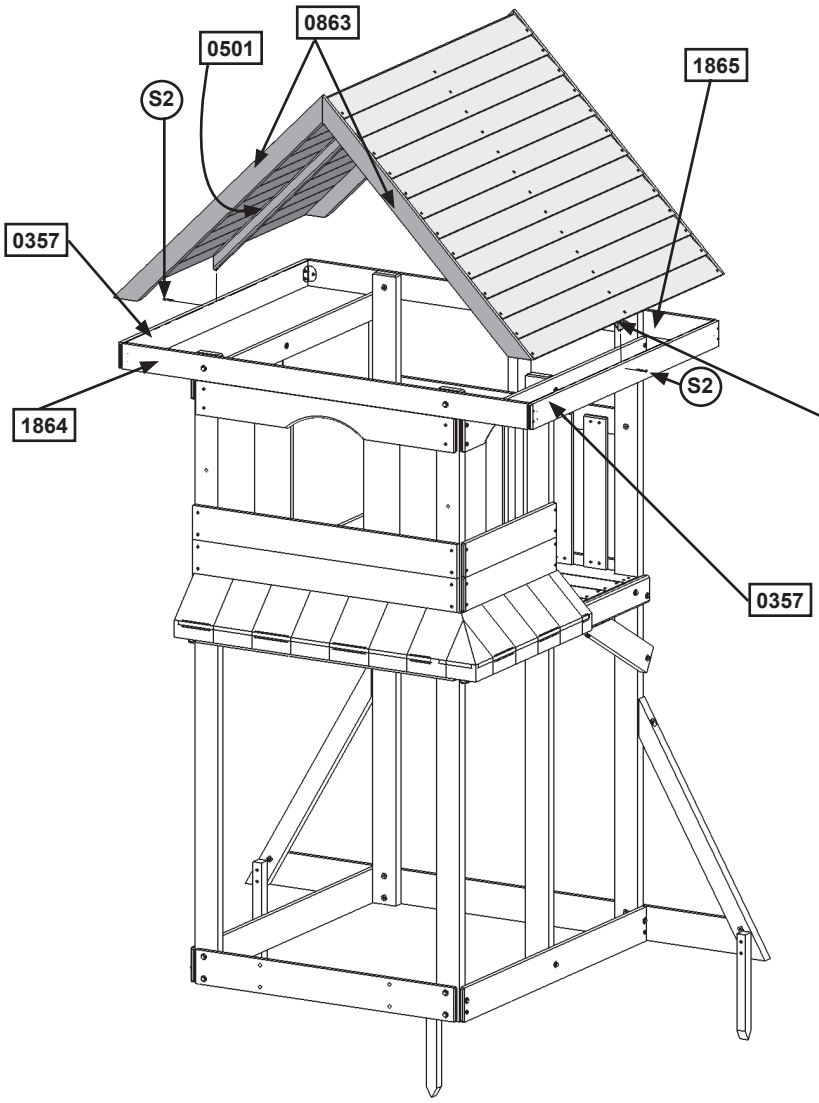
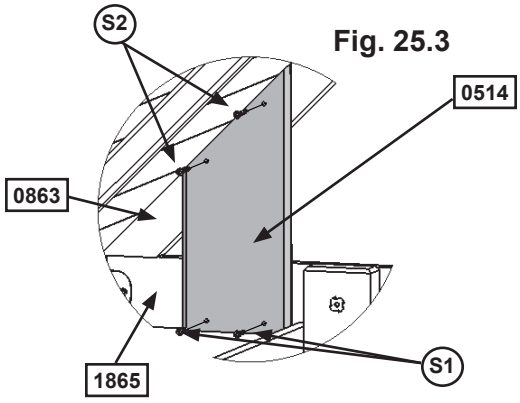


Fig. 25.3



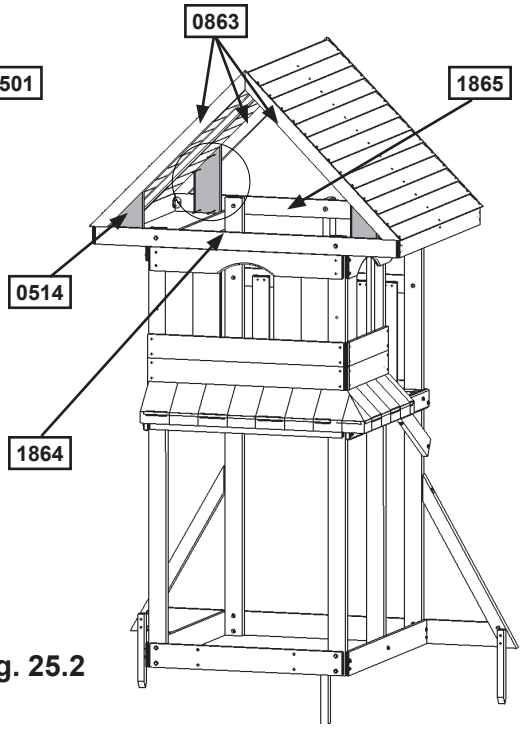


Fig. 25.2

Wood Parts

4 x 0514 **Roof Brace 1 x 6 x 13"**

Hardware

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

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

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Step 26: Attach Roof Arches

A: From inside the Roof Assembly, on each opening, place 1 (0515) Top tight to the top of each (0863) Roof Support using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 26.1 & 26.2)

B: Tight to the bottom of each (0515) Top attach 1 (0516) Bottom Arch to each (0863) Roof Support using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 26.1 & 26.2)

Fig. 26.2

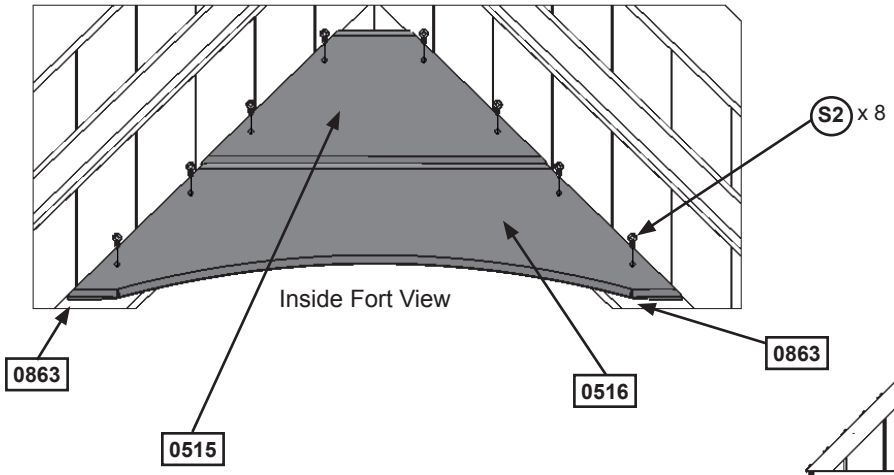
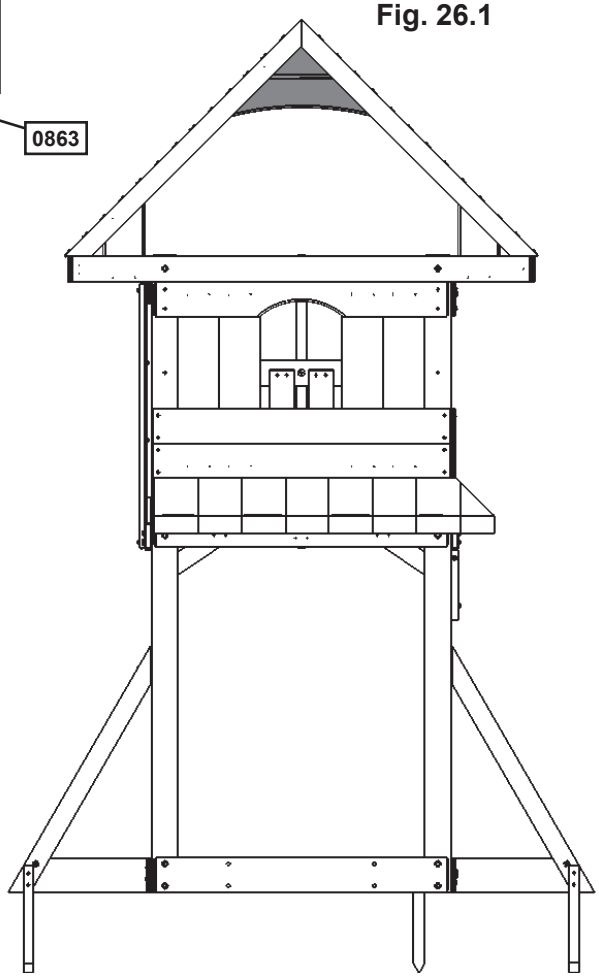


Fig. 26.1



Wood Parts

2 x 0515 Top 1 x 6 x 13-1/2"

2 x 0516 Bottom Arch 1 x 6 x 24"

Hardware

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

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Step 27: Attach Wall Canopy

A: Loosen the 4 bolts indicated in fig. 27.1 then tuck the Wall Canopy between the posts and (1872) Ground, down to the top of the bolts.

B: Measure 19” up from the top of (1872) Ground and attach (1658) Safety Rail to both (1500) Posts with 4 (S2) #8 x 1-1/2” Wood Screws. (1658) Safety Rail should overlap the Wall Canopy by 1”. (fig. 27.1 and 27.2)

C: From the outside of the assembly and 1/2” in from the edge of the canopy attach Wall Canopy to both (1500) Posts with 2 (S5) #8 x 1/2” Pan Screws (with #8 flat washer) per post. (fig. 27.1)

D: From the inside of the assembly and 1/2” in from the edge of the canopy attach Wall Canopy to both (1658) Safety Rail and (1872) Ground with 3 (S5) #8 x 1/2” Pan Screws (with #8 flat washer) per board. (fig. 27.1)

E: Tighen the previously loosened bolts.

Fig. 27.1

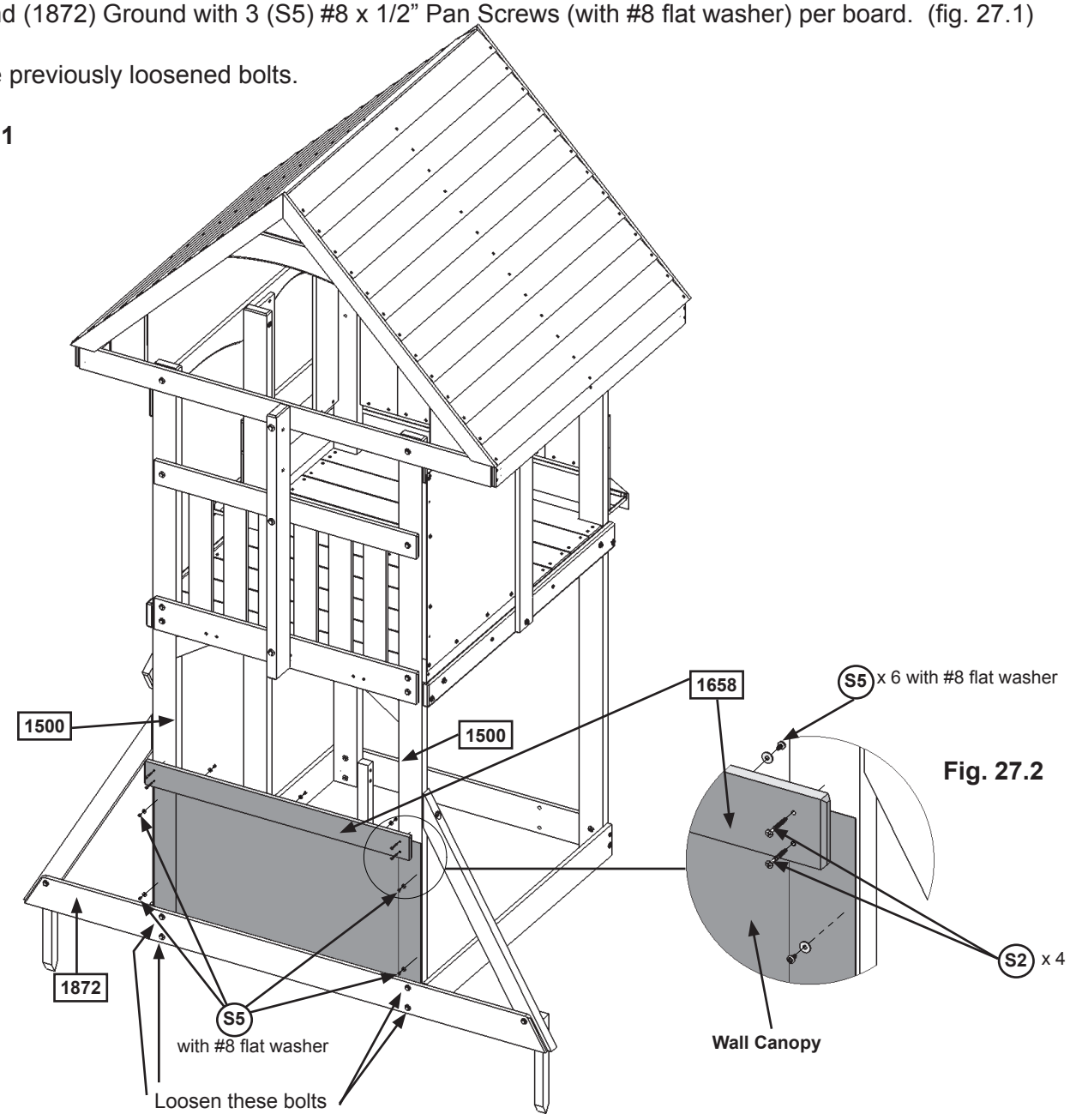

Fig. 27.2

Wood Parts

1 x 1658 Safety Rail 1 x 4 x 38-1/2”

Hardware

10 x S5 #8 x 1/2” Pan Screw (#8 flat washer)

4 x S2 #8 x 1-1/2” Wood Screw

Other Parts

1 x Wall Canopy

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Step 28: Short and Long Table Top Assemblies

A: Place (1887) Long Table Top on (1868) Table Support so the end with the shorter notch is flush to one end of (1868) Table Support. Also, the notched out edge of (1887) Long Table Top is flush to the face of (1868) Table Support as shown in fig. 28.1. Attach boards together using 5 (S7) #12 x 2" Pan Screws through (1868) Table Support.

B: Place (1886) Short Table Top on (1888) Front Table Support so the bevelled end is flush to the end of (1888) Front Table Support as shown in fig. 28.2, noticing the hole orientation. Also, the notched out edge of (1886) Short Table Top is flush to the face of (1888) Front Table Support. (fig. 28.2). Attach boards together using 3 (S7) #12 x 2" Pan Screws through (1888) Front Table Support.

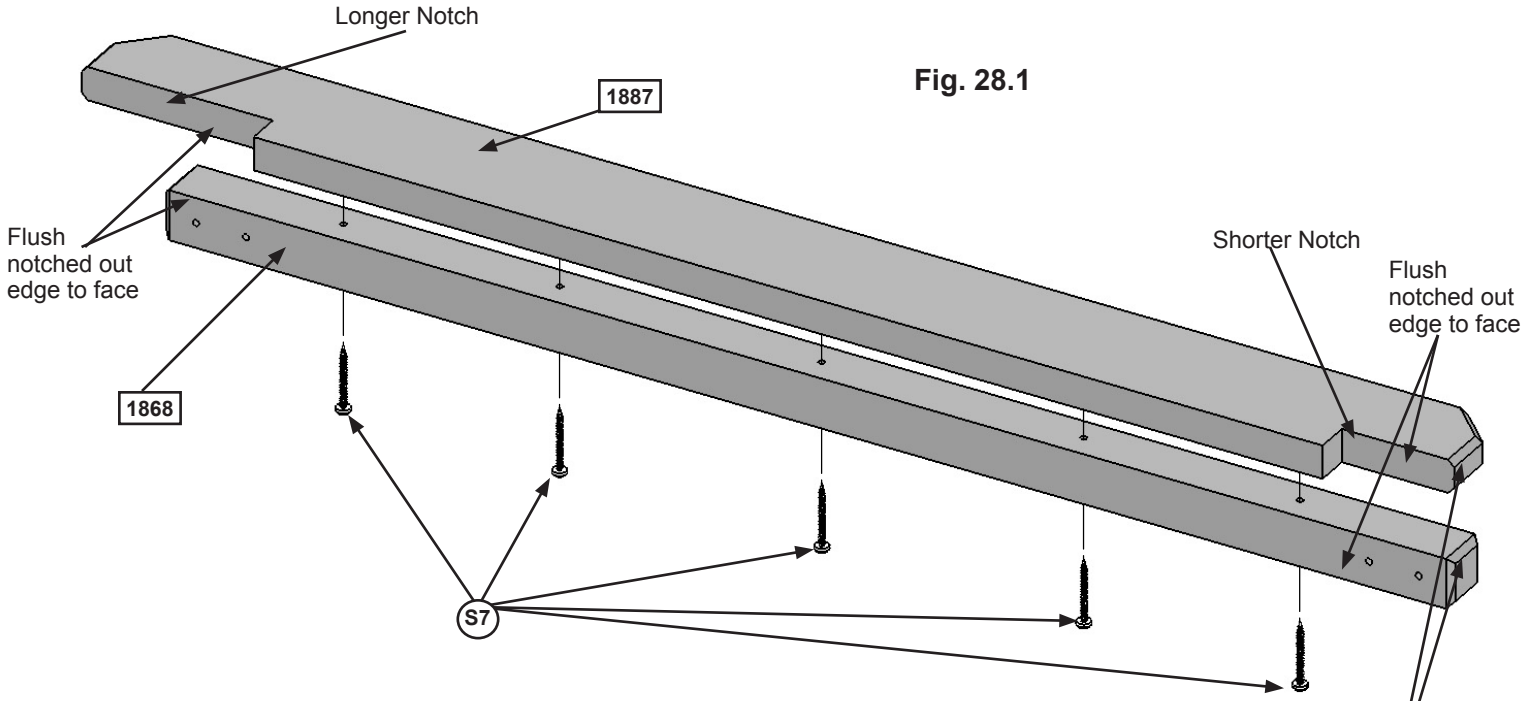

Fig. 28.1

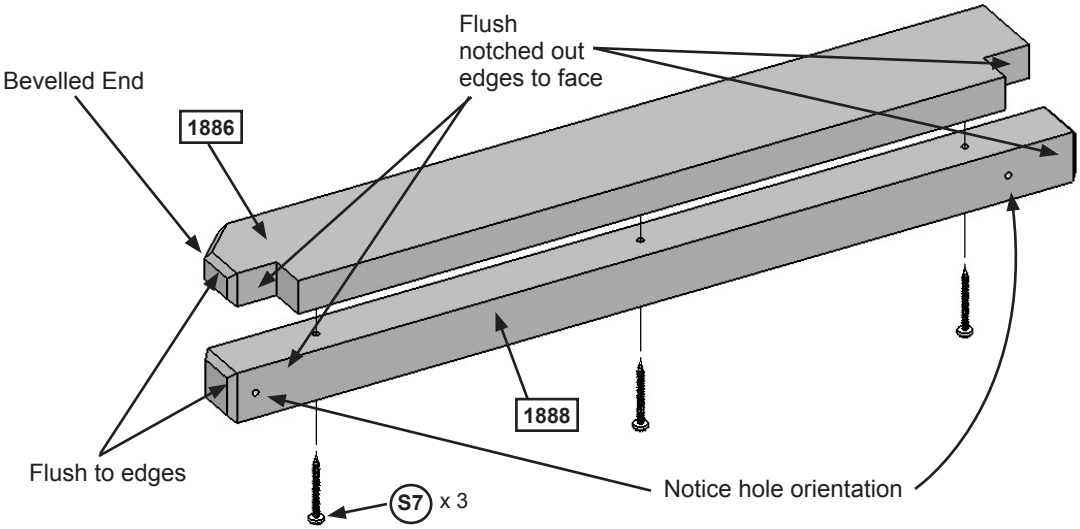

Fig. 28.2

Wood Parts

- 1 x 1887 **Long Table Top 5/4 x 4 x 41-1/4"**
- 1 x 1868 **Table Support 2 x 2 x 38-3/4"**
- 1 x 1886 **Short Table Top 5/4 x 4 x 24"**
- 1 x 1888 **Front Table Support 2 x 2 x 25-1/2"**

Hardware

- 8 x S7 **#12 x 2" Pan Screw**

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Step 29: Attach Wrap Around Canopy

A: Loosen the bolts attaching (1883) Front Ground to (1885) Centre Post and (1500) Post and the bolts attaching (1874) Side Ground to both (1500) Posts then tuck the Wall Canopy between the posts and ground boards, down to the top of the bolts. (fig. 29.1)

B: From the outside of the assembly and 1/2" in from the edge of the canopy attach Wrap Around Canopy to (1885) Centre Post and the (1500) Post at the end of the canopy with 2 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) per post. (fig. 29.1 and 29.2)

C: From the inside of the assembly and 1/2" up from the edge of the canopy attach Wrap Around Canopy to (1883) Front Ground with 2 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) and to (1874) Side Ground with 3 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 29.1 and 29.2)

D: Tighten the previously loosened bolts.

Fig. 29.1

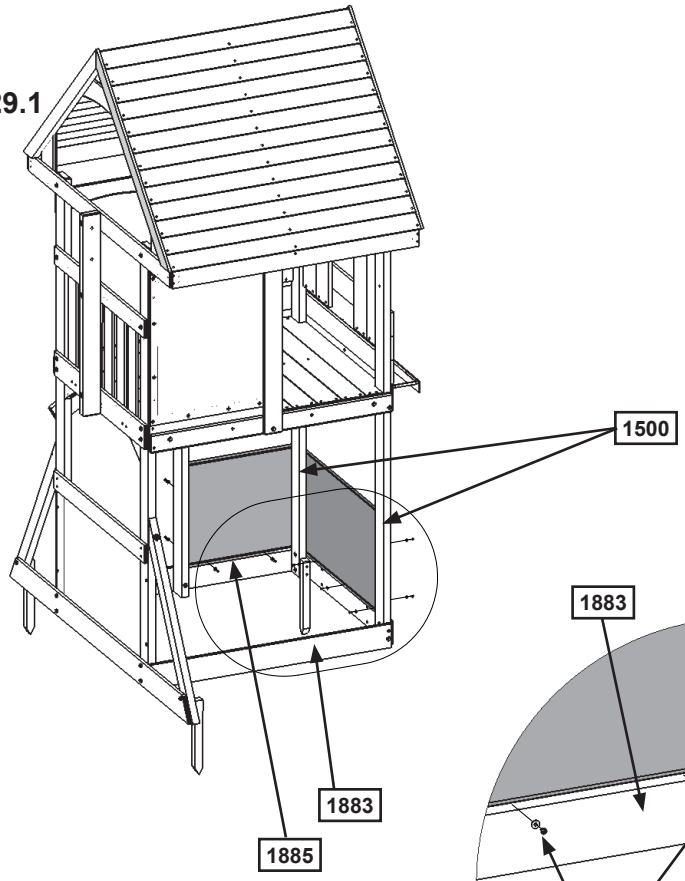
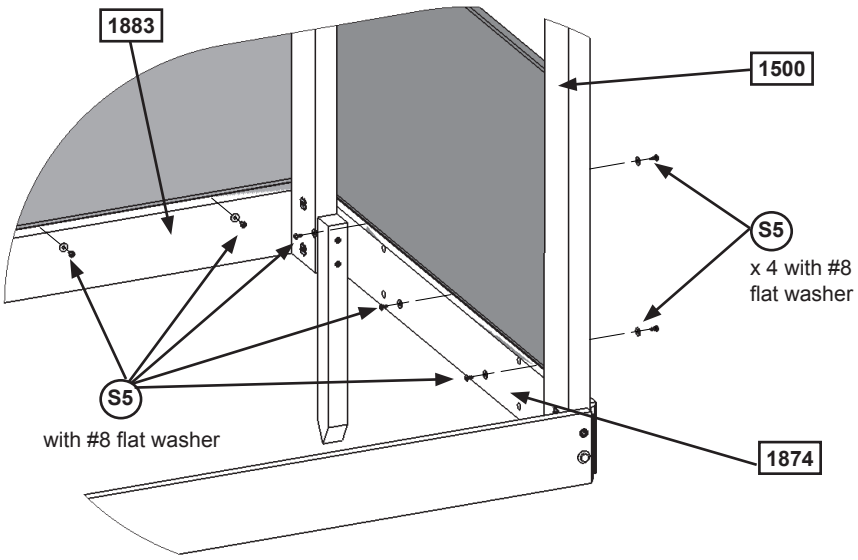


Fig. 29.2



Hardware	Other Parts
9 x (S5) #8 x 1/2" Pan Screw (#8 flat washer)	1 x Wrap Around Canopy

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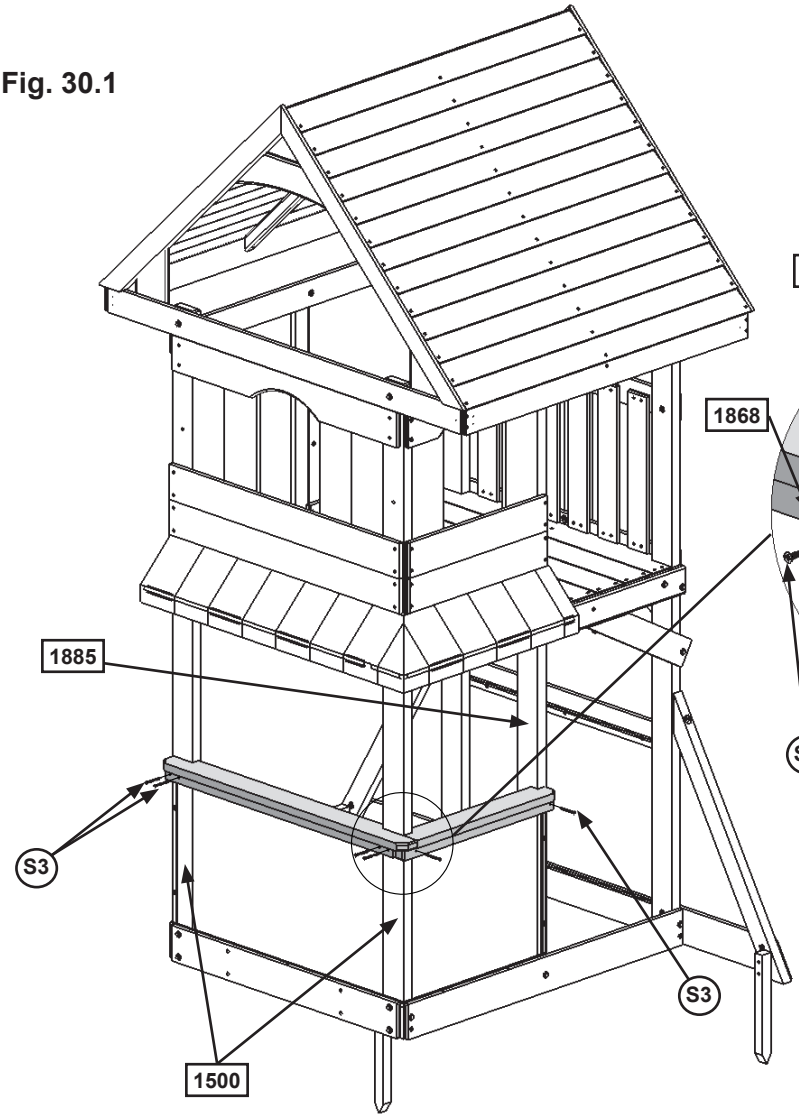
Step 30: Attach Table Top Assemblies to Fort

A: Place Long Table Top assembly notches tight against both (1500) Posts, so it overlaps the Wrap Around Canopy by 1". Attach assembly through (1868) Table Support to each post using 2 (S3) #8 x 2-1/2" Wood Screws per post. Make sure the screws are attached to the posts at the top edge of the tarp. (fig. 30.1 and 30.2)

B: Place Short Table Top assembly tight to the bottom of Long Table Top assembly at (1500) Post and against (1885) Centre Post. Attach assembly through (1888) Front Table Support to each post using 1 (S3) #8 x 2-1/2" Wood Screws per post. (fig. 30.1 and 30.2)

Fig. 30.1



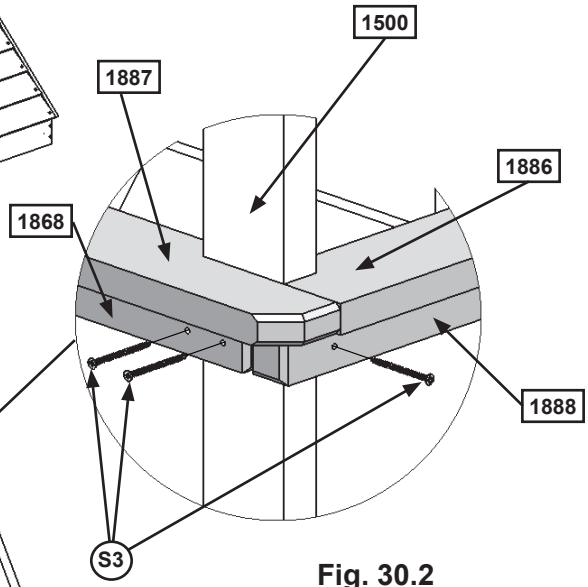


Fig. 30.2

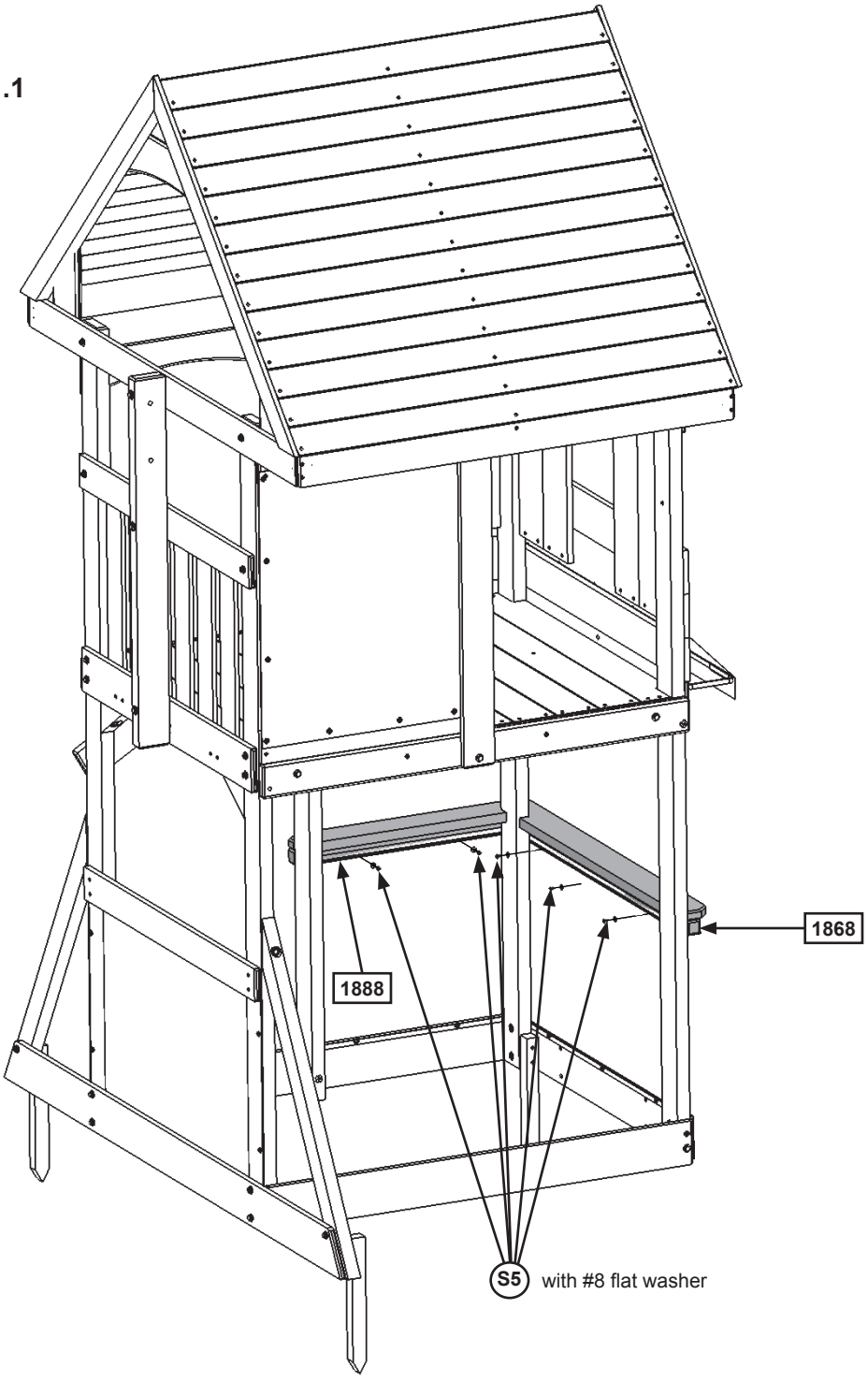
Hardware

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

Step 31: Attach Wrap Around Canopy to Table Supports

A: From the inside of the assembly and 1/2” down from the edge of the canopy attach Wrap Around Canopy to (1888) Front Table Support with 2 (S5) #8 x 1/2” Pan Screws (with #8 flat washer) and to (1868) Table Support with 3 (S5) #8 x 1/2” Pan Screws (with #8 flat washer). (fig. 31.1)

Fig. 31.1



Hardware

5 x (S5) #8 x 1/2” Pan Screw (#8 flat washer)

Step 32: Attach Components to Fort
Part 1

Note: Pre-drill all holes using a 1/8” drill bit before installing the (S7) #12 x 2” Pan Screws.

A: Place Slide centred between (1885) Centre Post and (1500) Post. (fig. 32.1 and 32.2)

B: Attach slide to fort through the (0799) Floor Back using 3 (S7) #12 x 2” Pan Screws. (fig. 32.2)

C: On the front of the assembly attach the Flower Box, centred, to the top (1880) CE Wall Board with 2 (S5) #8 x 1/2” Pan Screws as shown in fig. 32.1 and 32.3.

Fig. 32.1

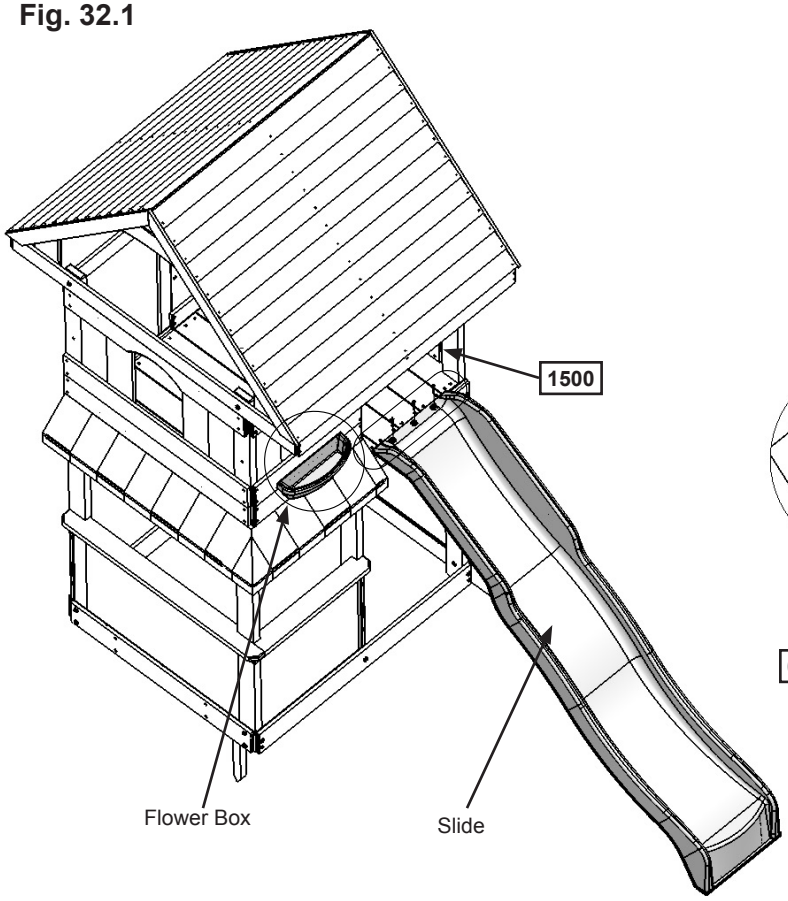
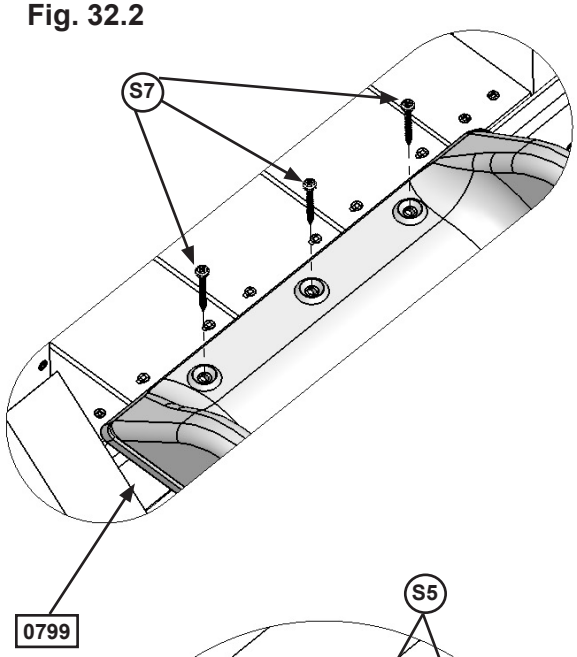


Fig. 32.2



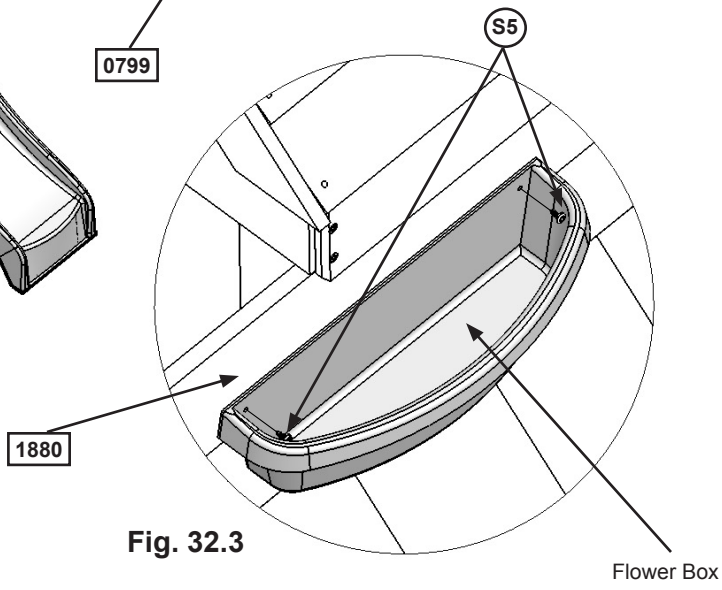


Fig. 32.3

Hardware

2 x (S5) #8 x 1/2” Pan Screw

3 x (S7) #12 x 2” Pan Screw

Other Parts

1 x Slide

1 x Flower Box

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Step 32: Attach Components to Fort Part 2

D: At the corner of the Wrap Around Canopy, on (1500) Post, attach the Phone Holder with 2 (S6) #12 x 1" Pan Screws. (fig. 32.4 and 32.5)

E: Attach one end of the Phone Cord to the Phone Holder and the other end to the base of the Phone. (fig. 32.5)

F: Place Phone in the Phone Holder.

Fig. 32.4

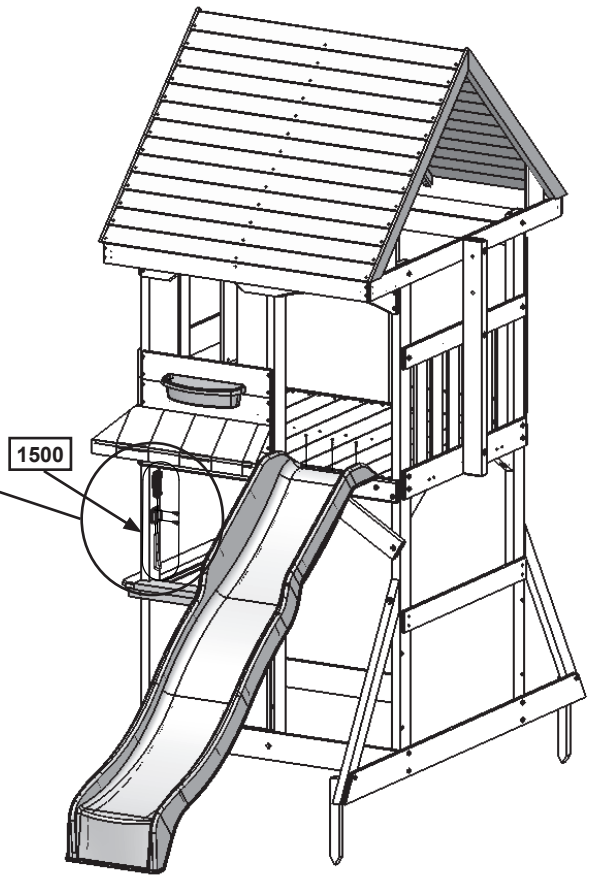
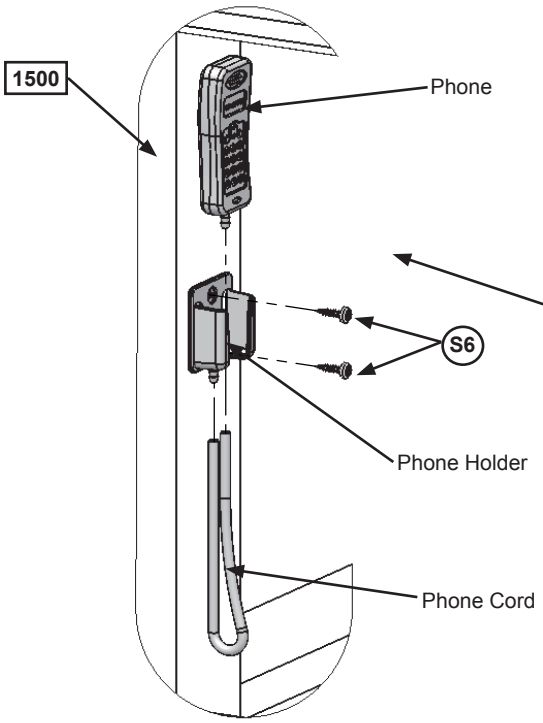


Fig. 32.5



Hardware	Other Parts
2 x (S6) #12 x 1" Pan Screw	1 x Phone Assembly

Step 33: Attach Rock Rail to Fort

Note: Pre-drill all holes using a 1/8" drill bit before installing the (S15) wood screws.

A: Place Rock Wall Assembly from Step 2 centred on and flush to top of (0799) Floor Back (fig. 33.1 and 33.3). Attach (0349) Rock Rails to (0799) Floor Back using 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 33.2.

B: Attach (0606) CE Access Board to top of Rock Wall Assembly, flush to top of (0349) Rock Rail using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 33.4)

Fig. 33.1

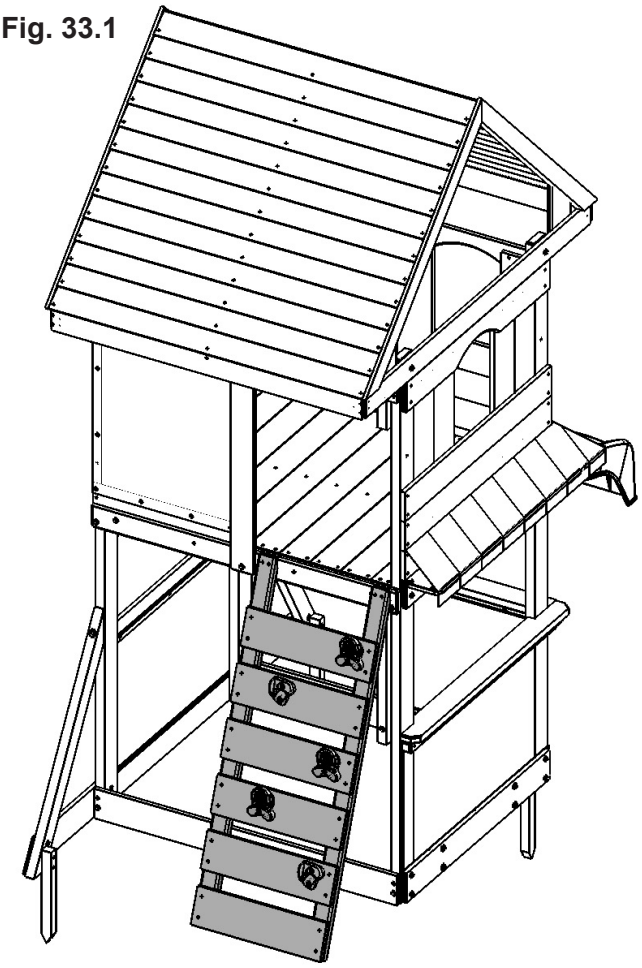


Fig. 33.3

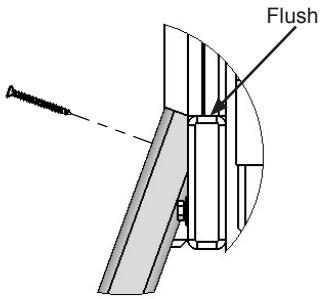


Fig. 33.2

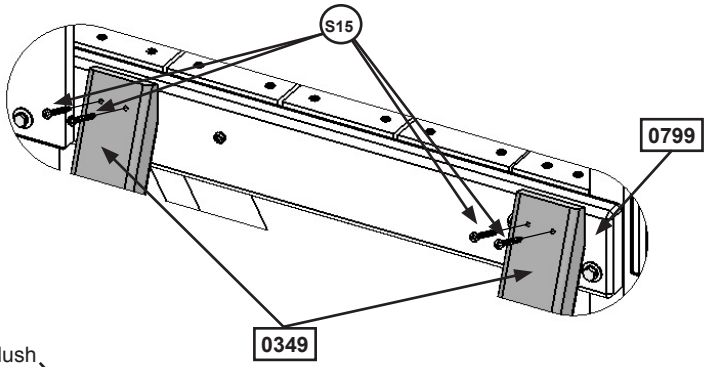
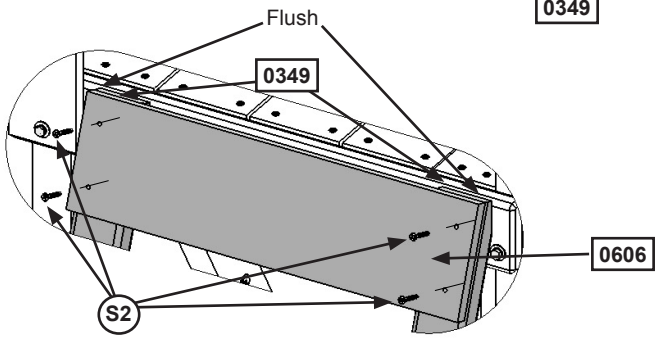


Fig. 33.4



Wood Parts

1 x 0606 CE Access Board 1 x 6 x 19-3/4"

Hardware

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

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

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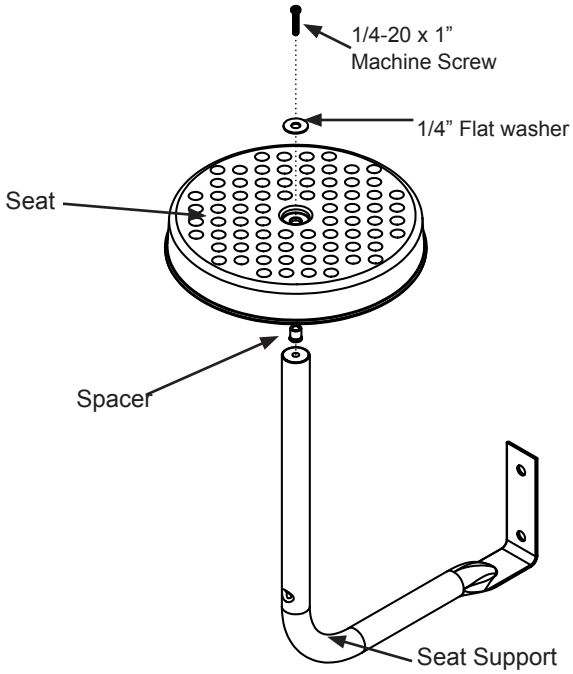
Step 34: Stool Seat Assembly

A: Using the hardware provided with the Stool Seat Assembly attach 1 Seat to 1 Seat Support and then create a second seat as in fig. 34.1.

B: Keeping the Cross Brace tight to the Seat Assemblies, fasten the Cross Brace to each of the Seat Assemblies using the hardware provided. (fig. 34.2)

Fig. 34.1



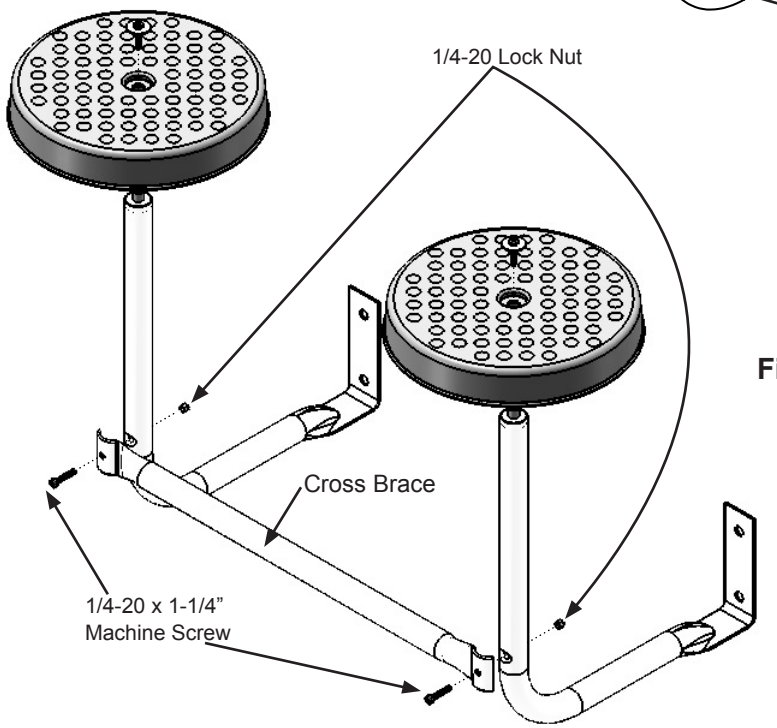


Fig. 34.2

Other Parts

1 x Stool Set (with hardware)

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Step 35: Attach Stool Seat and Flower Box to Fort

A: Attach the Stool Seat Assembly to (1874) Side Ground using 2 (G2) 5/16 x 1” Hex Bolt (with lock washer, flat washer and t-nut) per Seat Assembly. (fig. 35.1 and 35.2)

B: Attach a Flower Box, centred under the window on (1851) Cedar Floor Board with 2 (S5) #8 x 1/2” Pan Screws as shown in fig. 35.1 and 35.3.

Fig. 35.3

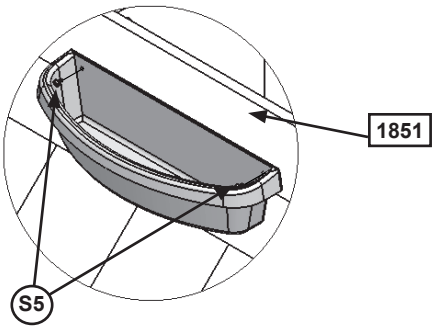


Fig. 35.1

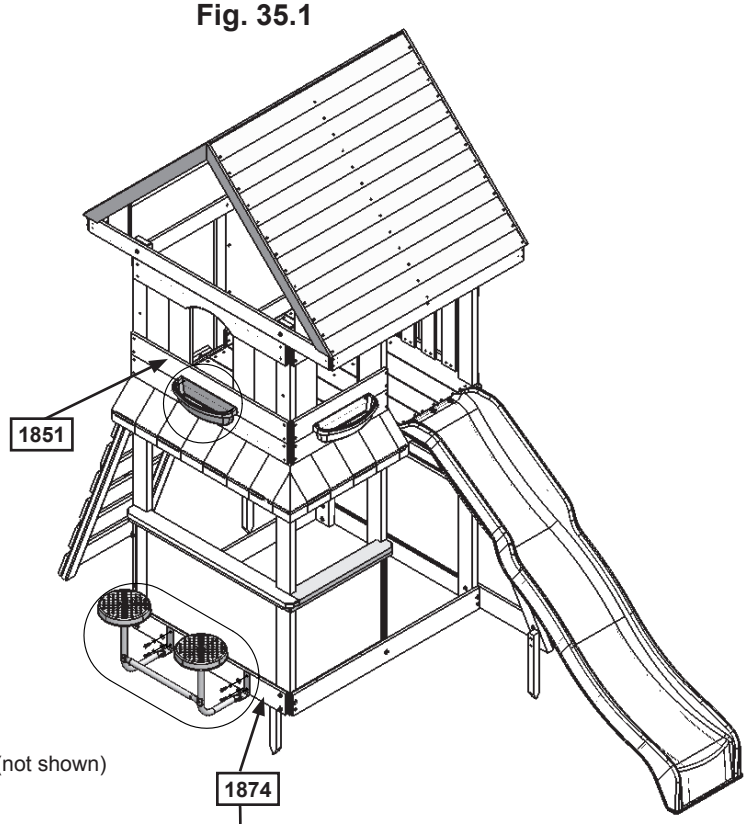
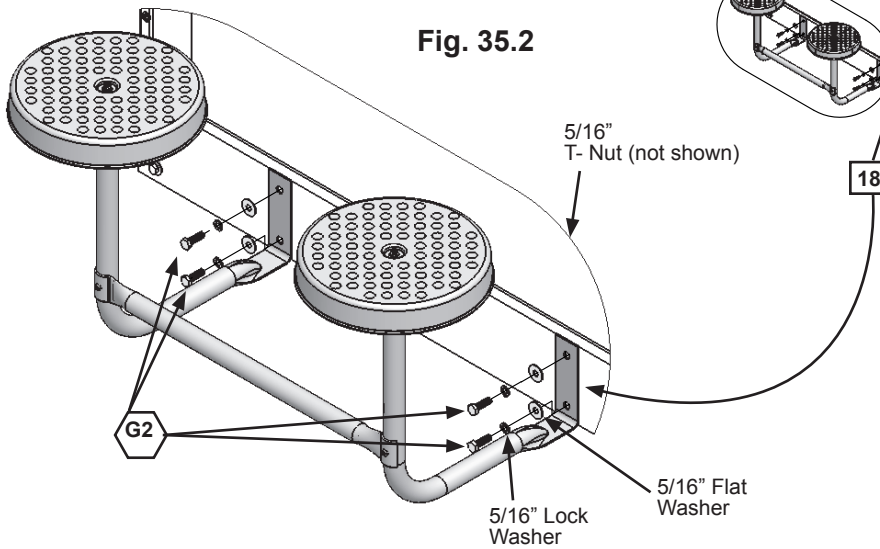


Fig. 35.2



Hardware

2 x (S5) #8 x 1/2” Pan Screw

4 x (G2) 5/16 x 1” Hex Bolt
(5/16” flat washer, 5/16” lock washer, 5/16” t-nut)

Other Parts

1 x Flower Box

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Step 36: Attach Swing Assembly to Fort

A: Attach Swing Assembly from Step 5 to (1861) 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. 36.1 and 36.2.

Fig. 36.2

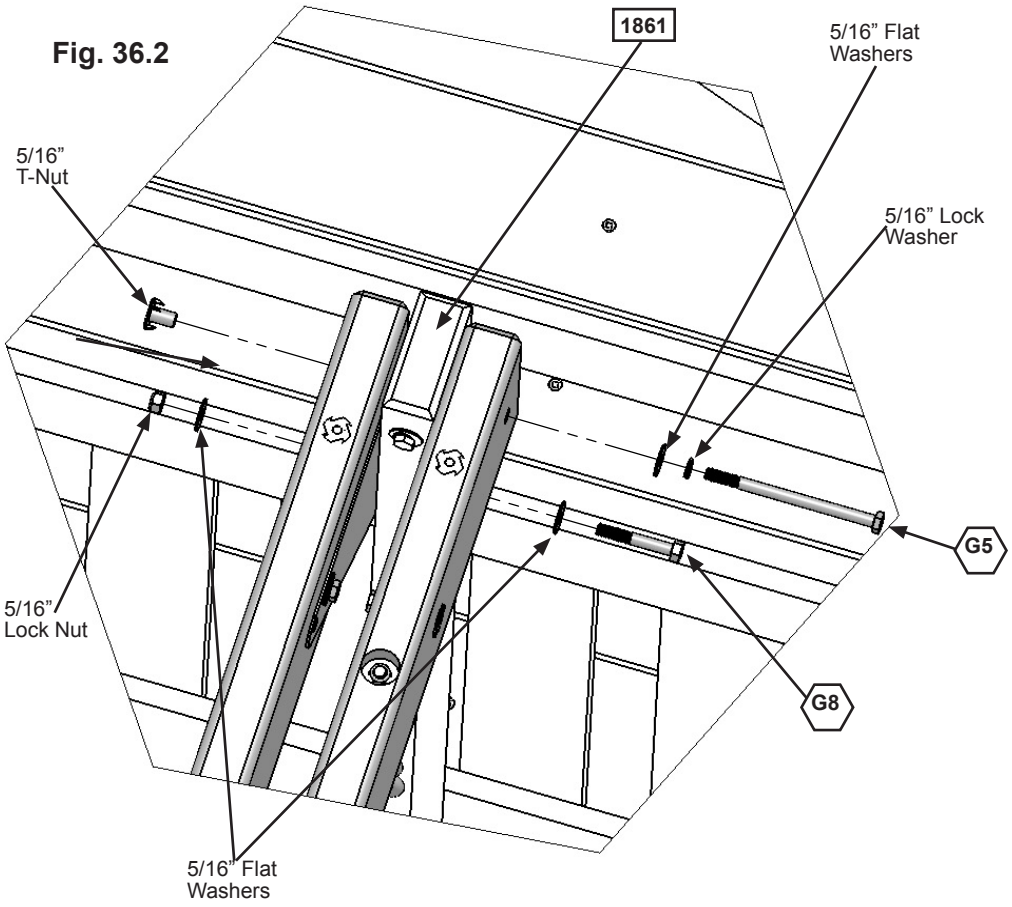

Fig. 36.1

Hardware

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

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

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Step 37: Attach Swing Ground Stakes

A: Drive one (0318) Ground Stake 10-1/2” into the ground at each (1863) SW Post and attach with 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 37.1 and 37.2)

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

Fig. 37.2

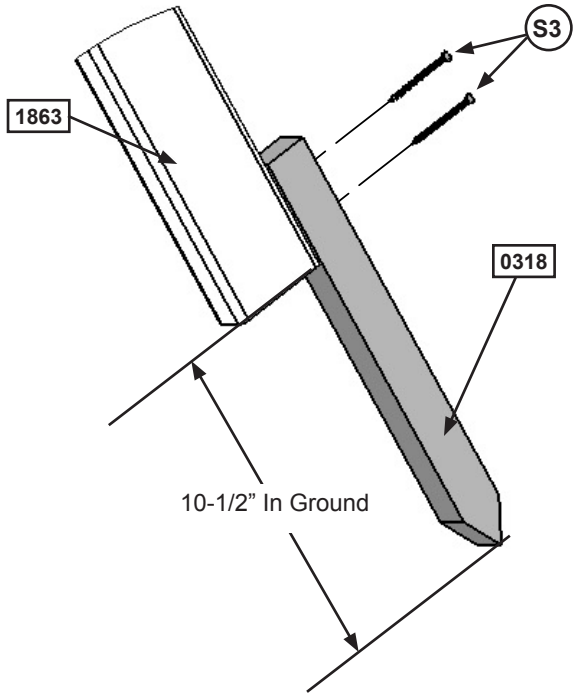
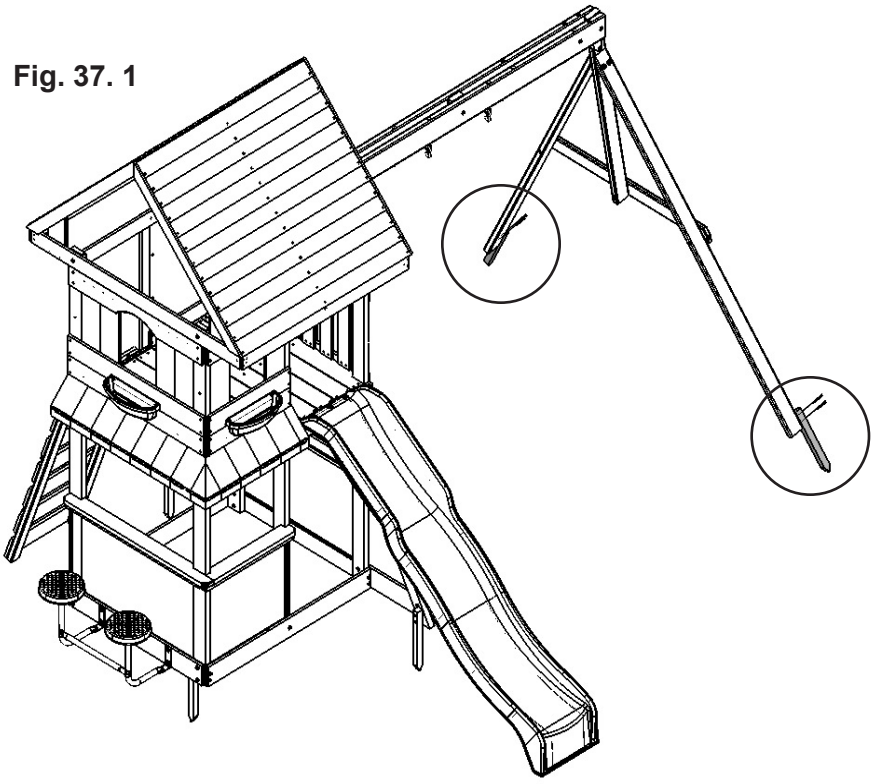


Fig. 37. 1



Wood Parts	Hardware
2 x [0318] Ground Stake 1-1/4 x 1-1/2 x 14”	4 x (S3) #8 x 2-1/2” Wood Screw

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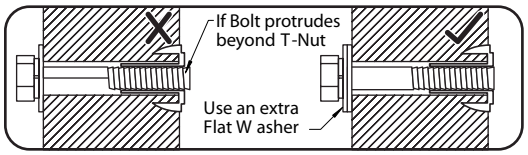
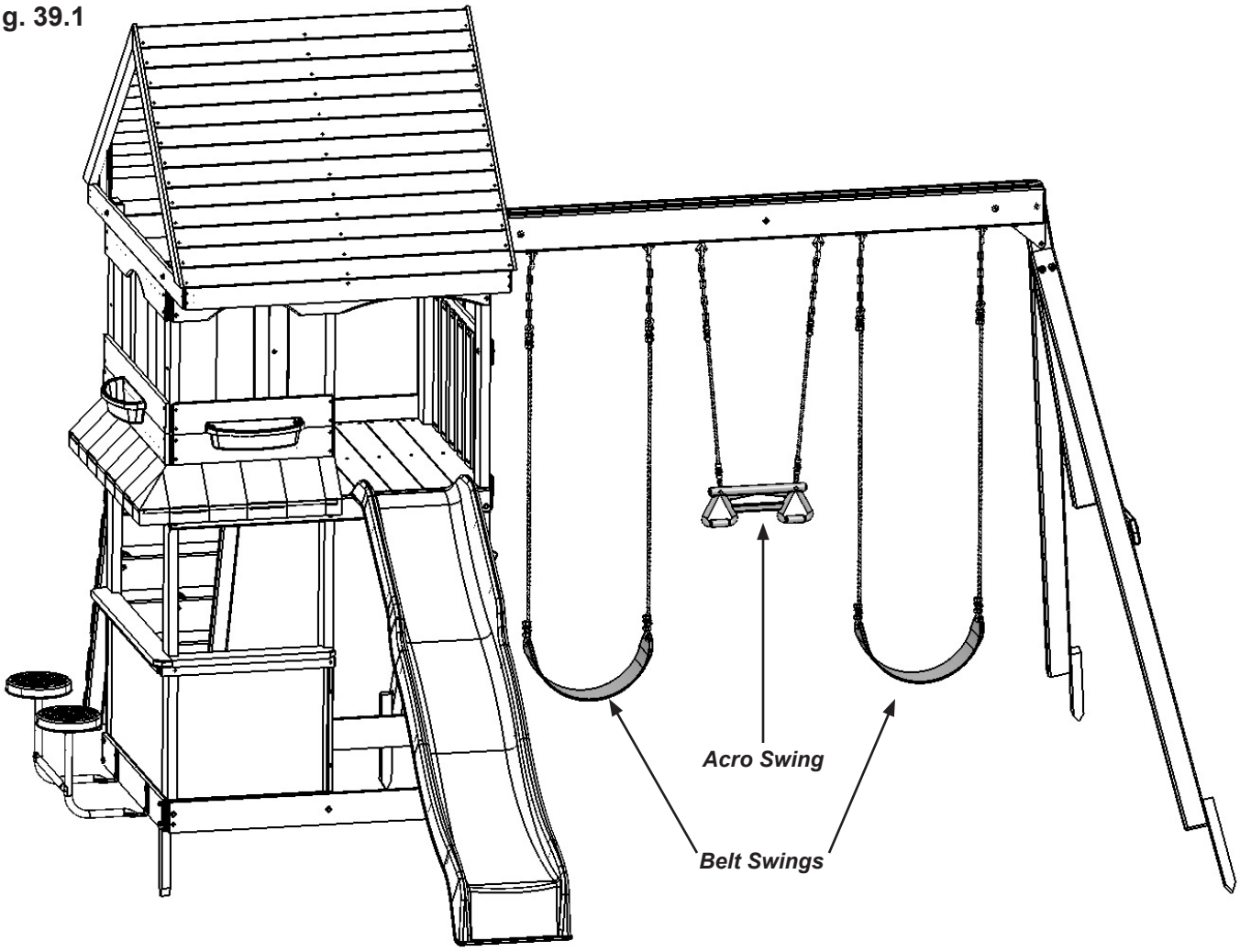
Step 38: Attach Glider and Swings

Warning! Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Attach 2 Belt Swings and Acro Swing to the Bolt-Thru Swing Hangers. (fig. 39.1)

Fig. 39.1



Other Parts

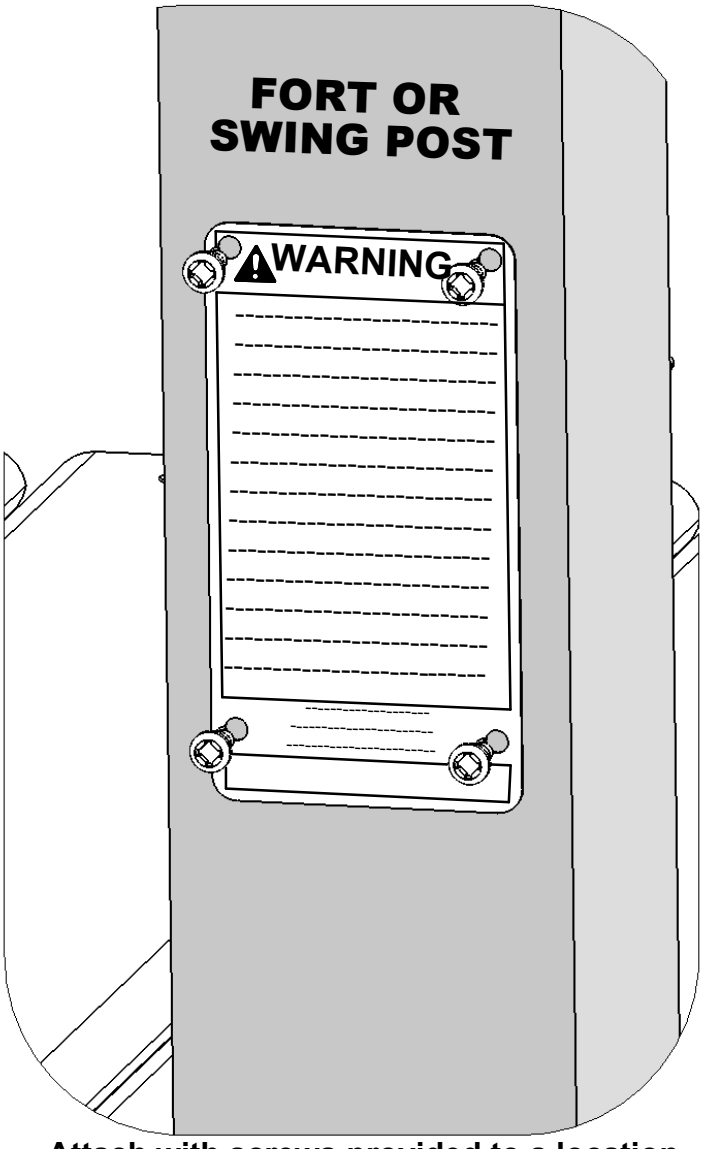
2 x Belt Swings
1 x Acro Swing

support@solowavedesign.com

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

support@solowavedesign.com

NOTES

support@solowavedesign.com

BIG BACKYARD

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 2L1
Attention: Customer Service

REVISION: 12/01/09

Fill out your registration card online at
www.bigbackyard.com/ownerslounge

Big Backyard would like to say Thank You for your time and feedback.

CUT ALONG LINE