

# RIVER CANYON SWING SET

CALLUS OR GO ONLY

**OBSTACLE FREE SAFETY ZONE** - 26' 6" x 26' 5" (8,08 x 8,05 m) area requires Protective Surfacing. See page 4.

MAXIMUM VERTICAL FALL HEIGHT - 6' 5" (2m).

CAPACITY - 9 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (50 kg) per child. RESIDENTAL HOME USE ONLY. Not intended for public areas such as multi-unit residences, schools, churches, nurseries, day cares or parks.





## INSTALLATION AND OPERATING INSTRUCTIONS

### FOR 24/7 ONLINE PARTS REPLACEMENT

#### parts.kidkraft.com

Backyard Kids, LLC DBA KidKraft 317 S. Main St. Ann Arbor, MI 48104 customerservice@kidkraft.com 1.800.933.0771 972.385.0100 9409910

### Rev 11/19/2024

### **WARNING**

To reduce the risk of serious injury or death, please read and follow these instructions. Keep and refer to instructions as needed and pass along to any future owners of this item.

### Congratulations on purchasing a KidKraft product!

Our items are made of high-quality, durable Cunninghamia Lanceolata wood from the cypress family.

Lumber from these trees are known for their light weight and excellent strength. The porosity of this wood allows the moisture to absorb and evaporate in the fibers, resisting rot and bugs.

Engineered for great play, our products also go through extensive testing for safety.

Plus, our team has developed a series of proprietary methods for a simpler, more organized assembly. Less build time and more play time is our motto!

However, during assembly if you have any questions or concerns, please reach out. Our Customer Service can help with missing parts, instructions or maintenance.

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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 4 of these instructions.

#### **COLLISION HAZARD**

Place play-set on level ground at least 1.8m from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

#### **CHOKING HAZARD/SHARP EDGES & POINTS**

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

#### WARNING LABEL

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

#### STRANGULATION HAZARD

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

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

#### TIP OVER HAZARD

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

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

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



## WARNING – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- ✓ Dress children with well fitting and full foot enclosing footwear.
- Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- ✓ Orientate slide such that it gets the least amount of exposure to the sun.

- ✗ Do not allow children to wear open toe or heel footwear like sandals, flip−flops or clogs.
- Do not allow children to walk, in front, between, behind or close to moving rides.
- Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✗ Do not let children get off rides while they are in motion. ✗
- > Do not permit climbing on equipment when it is wet.
- Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- X Do not allow children to swing empty rides or seats.
- Do not allow children to go down slide head first or run up slide.

### A 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 (23 cm) of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet (2.45 m) high; and 9 inches (23 cm) of sand or pea gravel for equipment up to 5 feet (1.5 m) high. NOTE: An initial fill level of 12 inches (31 cm) will compress to about a 9-inch (23 cm) 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 (23 cm) depth.
- Use a minimum of 6 inches (16 cm) of protective surfacing for play equipment less than 4 feet (1.22 m) in height. If maintained properly, this should be adequate. (At depths less than 6 inches (16 cm), the protective material is too easily displaced or compacted.)

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

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

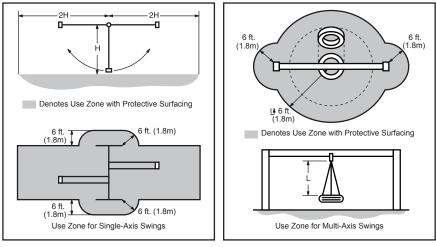
#### Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles

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

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

#### Placement

- Proper placement and maintenance of protective surfacing is essential. Refer to diagram on front cover. Be sure to;
- Extend surfacing at least 6 feet (1.8 m) 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 (1.8 m) in all directions.

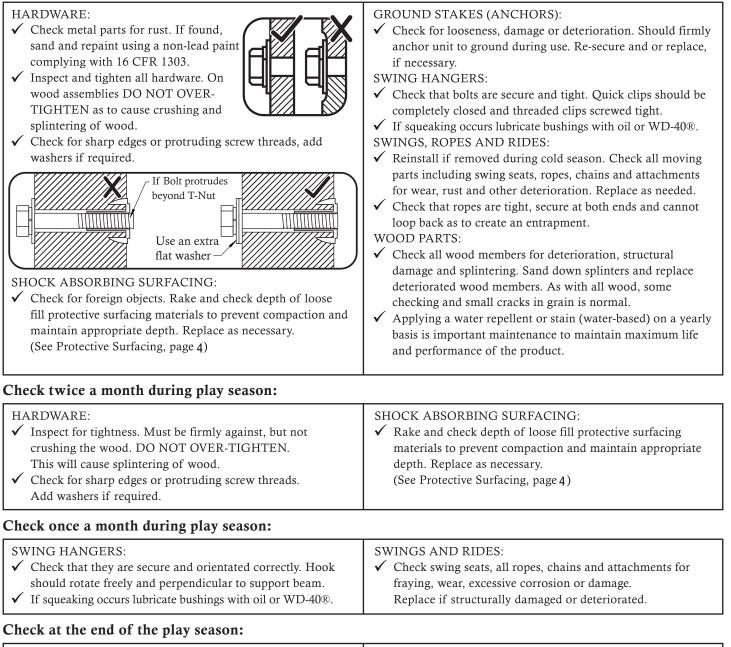


From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

### **Instructions for Proper Maintenance**

Your KidKraft Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it. Failure to follow maintenance directions below can cause the swing set to overturn or otherwise become a hazard to children.

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



<ul> <li>SWINGS AND RIDES:</li> <li>✓ To prolong their life, remove swings and store inside when outside temperature is below 32°F/0°C. Below freezing, plastic parts may become more brittle.</li> </ul>	IOCK 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 4)	

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

### About Our Wood

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

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

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

1. **Checking** is surface cracks in the wood along the grain. A post 4" x 4" (101mm x 101mm) will experience more checking than a board 1" x 4" (25mm x 101mm) because the surface and interior moisture content will vary more widely than in

thinner wood.

2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.

3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

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

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

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

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

#### **KidKraft Limited Warranty**

#### **MISSING OR DAMAGED PARTS:**

KidKraft will replace any parts within 90 days from date of purchase found to be missing from or damaged in the original packaging. See Fig.1

Fig. 1Product Age (All Parts)Consumer Pays0-90 Days from date of purchase\$0 for Part + Free Shipping

#### DEFECTS IN MATERIAL AND WORKMANSHIP:

KidKraft warrants that this product is free from defects in materials and workmanship for a period of one (1) year from the original date of purchase (dated sales receipt and/or product registration is required). This one (1) year warranty covers all parts including wood, hardware, and all accessories (Such as swings, rides, and slides). See Fig. 2

Fig. 2	Product Age (All Parts)	Consumer Pays		
-	91 Days to 1 Year	\$0 for Part + Free Shipping		

#### WOOD ROT, DECAY, AND INSECT DAMAGE:

All wood carries a five (5) year warranty against rot, decay, and insect damage (dated sales receipt and/or product registration is required). Refer to the schedule below for charges associated with replacement of wood parts under this **Limited Warranty.** See Fig. 3

Fig. 3	Product Age (Wood Parts)	Consumer Pays
	0 Days to 1 Year	\$0 for Part + Free Shipping
	After 1 Year to 5 Year	\$0 for Part + Shipping & Handling
	Over 5 Years	100% for Part (if available) + Shipping & Handling

This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to ensure the integrity of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty.

This Limited Warranty does NOT cover:

- Any inspection cost
- Labor and/or costs for replacement of any defective item(s), including but not limited to, professional installer costs
- Incidental or consequential damages, including but not limited to, as a result of set relocation, move and/or reinstall
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use or installation, or acts of nature, including but not limited to, high winds, fire, and flood
- Minor twisting, warping, checking, or any natural occurring properties of wood that do not affect performance or integrity.
- Any KidKraft product purchased, including but not limited to, a non-approved retailer, auction houses, second-hand, and as-is clearance items.

KidKraft products have been designed for safety and quality. Modifications made to the original product may damage the structural integrity of the unit leading to failure and possible injury. KidKraft cannot assume any responsibility for the modified products. Furthermore, modifications void all warranties.

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

#### Keys to Assembly Success

#### **Tools Required**

Listed on each page are the parts and

quantities required to complete the assembly step illustrated on that page.

• Tape Measure • #1 Phillips and #2 Robertson • Open-End Wrench • 3/16" (5mm) Hex Key • Carpenter's Level Screwdrivers 1/2" (13mm) & 7/16" (11mm) • 8' (2.4m) Step Ladder Safety Glasses • Carpenter's Square Ratchet with Extension • Adjustable Wrench Claw Hammer 1/2" (13mm) & 7/16" (11mm) • 1/8" (3mm) Drill Bit • Adult Helpers • Standard or Cordless Drill • Pencil Sockets • Rubber Mallet Part Identification Kev EXAMPLE

Key Number

2X 1012 Post 2 x 4 x 83" (5 cm x 10 cm x 210 cm)

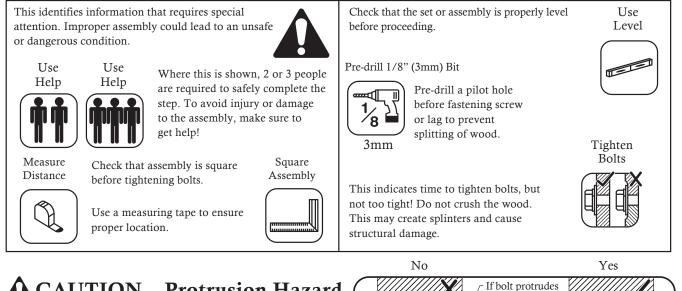
Part Description,

Part Size

#### Symbols

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

Quantity



### **CAUTION – Protrusion Hazard**

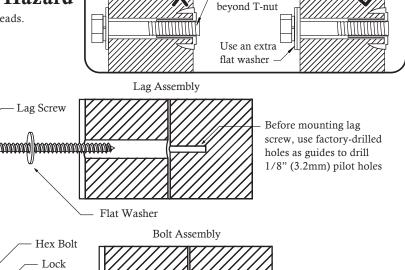
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

#### 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" (8mm) is slightly larger than 1/4" (6.4mm)

Note: Wafer head bolts with blue lock tight or a bolt with a Nylock<sup>®</sup> nut do NOT require a lock washer.

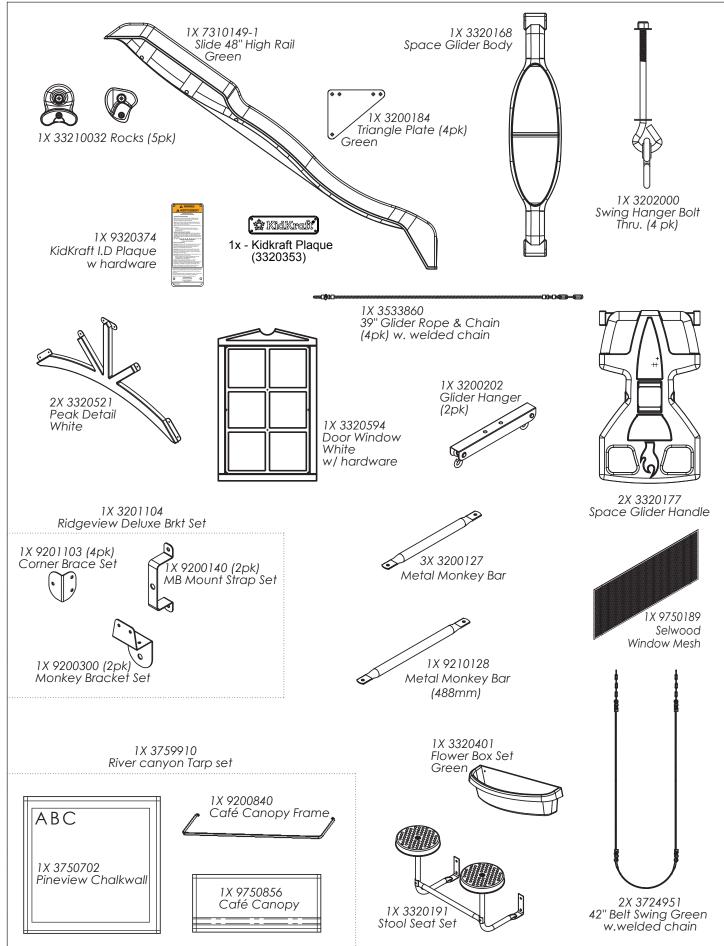


5pc 1848 CE Siding (3/8 x 3-1/2 x 9") - 3561848	Nominal Size	Actual Size
	1" x 2" 1" x 2½"	5⁄8" x 13⁄8" 5⁄8" x 13⁄4"
11pc <u>1847</u> ] Siding (3/8 x 3-1/2 x 24-7/8'') - 3561847	1" x 4"	⁵⁄8" x 3³⁄8"
5pc 1850 Siding (3/8 x 3-1/2 x 26-3/4'') - 3561850		
Spc 1050     Stating (5/8 × 5-1/2 × 20-5/4) - 550 1050		
15pc 1852 CE Siding (3/8 x 3-1/2 x 36") - 3561852		
7pc 1849 Cedar Siding (3/8 x 3-1/2 x 46-5/8") - 3561849		
26pc <u>0517</u> Cedar Roofing (3/8 x 3-1/2 x 48") - 3770517		
2pc <u>1859</u> Wall Trim (1 x 2 x 10") - 3561859 · ·		
1pc 1808 Short Trim (1 x 2 x 19-5/8") - 3561808		
1pc [1809] Door Trim (1 x 2 x 36-1/2") - 3561809		
3pc [1870] Trim Short (1 x 2-1/2 x 19-5/8'') - 3561870		
1pc <u>[1876]</u> Window Cross (1 x 2-1/2 x 28") - 3561876 [・		
2pc 1866 Window Upright (1 x 2-1/2 x 31-1/2'') - 3561866		
4pc <u>1858</u> Short Wall Support (1 x 4 x 24-1/4'') - 3561858		
••		
2pc 0528 Side Chalk Wall (1 x 4 x 25 1/4") - 3560528		
1pc 5265 Cedar Wall (1 x 4 x 28") - 3565265		
• •		
4pc <u>1846</u> CE Wall (1 x 4 x 34'') - 3561846		
1pc <u>1855</u> Divider (1 x 4 x 34-11/16") - 3561855		
° ° 4 no (0920) CE Con Board (4 x 4 x 29 2/4") 2560920		
1pc 0839 CE Gap Board (1 x 4 x 38-3/4") - 3560839		
5pc 1814 Wall Support (1 x 4 x 45-1/2'') - 3561814		
• • • •		

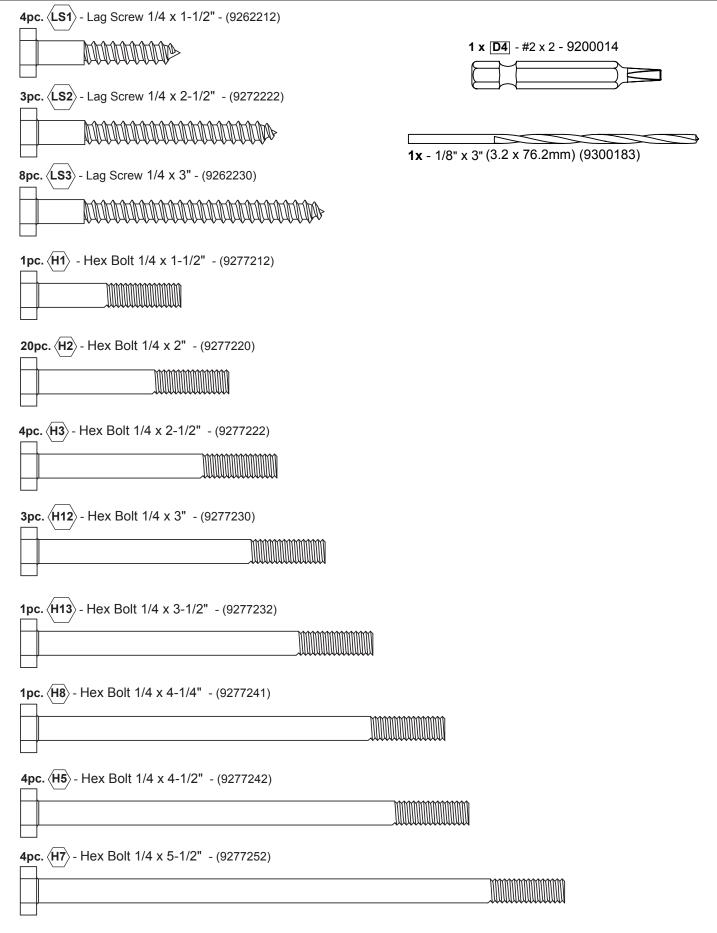
		N	Iominal Size	Actual Size
1pc [1869] Door Top (1 x 4 x 46-5/8") - 3561869	<u> </u>			
	j		1" x 4" 1" x 5"	5⁄8" x 3³⁄8" 5∕8" x 4¹⁄2"
1pc <u>1857</u> Top Back (1 x 4 x 46 1/2'') - 3561857			1" x 6"	5%" x 53%"
• 0	•			
0				
2pc 0357 Tarp Front Back (1 x 4 x 47-3/4'') - 3560357				
•	•			
1pc 0353 MK Ground (1 x 4 x 55-1/4") - 3560353				
° ° °	°			
u 1pc [1864] SL Roof Side (1 x 4 x 59-1/2") - 3561864	0			
₀	0			
	0			
1pc 1865 SW Roof Side (1 x 4 x 59-1/2") - 3561865				
o O	o			
1pc [1874] Side Ground (1 x 5 x 38-1/4") - 3561874				
o o o o				
2pc 1501 Floor End (1 x 5 x 38-1/4") - 3561501				
° ° °				
8pc <u>1851</u> Cedar Floor Board (1 x 5 x 38-3/4'') - 3561851				
• •				
• •				
2pc 1853 Cedar Gap Board (1 x 5 x 38-3/4") - 3561853				
• • • •				
1pc 1854 Centre Gap Board (1 x 5 x 38-3/4") - 3561854				
• •				
•				
1pc 1505 Front Top (1 x 5 x 46-1/2") - 3561505				
• •	•			
2pc 0351 Front Back (1 x 5 x 46-5/8") - 3560351				
•	o •			
1pc 1872 Ground (1 x 5 x 75-5/8") - 3561872	0			
, .	o			
4pc [0514] Roof Brace (1 x 6 x 13") - 3560514				
2pc 0606 CE Access Board - Midnight Raven	2pc 0606 CE Acce		- Pearl (1 x 6 x 3560606	( 19-3/4")
. (1 x 6 x 19-3/4") - 3770606	•	.   - 3	00000	
• •	•	•		

3pc 0630 CE Rock Board (1 x 6 x 19 3/4") - 3770630	Nominal Size	Actual Size
• • • •	1" x 6" 5/4" x 4" 2" x 2"	5%" x 53%" 1" x 31⁄4" 11⁄2" x 11⁄2"
2pc [0631] CE Rock Board (1 x 6 x 19-3/4") - 3770631	2" x 3"	1 <sup>3</sup> ⁄ <sub>8</sub> " x 2 <sup>1</sup> ⁄ <sub>2</sub> "
• • •		
1pc 1867 Top Side (1 x 6 x 38-1/4") - 3561867		
6pc 0318 Ground Stake (1-1/4 x 1-1/2 x 14") - 3650318		
1pc [0790] Floor Joist (5/4 x 4 x 46-1/2") - 3560790		
1pc 1862 SW Support (5/4 x 4 x 46-1/2") - 3561862		
° ° °		
1pc 0799 Floor Back (5/4 x 4 x 46-3/4") - 3560799		
1pc [1873] Back Floor (5/4 x 4 x 46-3/4") - 3561873		
1pc [0376] Table Top (5/4 x 6 x 32") - 3770376		
1pc <u>1875</u> Short Joist (2 x 2 x 16-1/2'') - 3561875		
upc 1871 Long Joist (2 x 2 x 24-3/4") - 3561871 ◎		
1pc 1868 Table Support (2 x 2 x 38-3/4") - 3561868		
1pc 0795 Side Joist (2 x 2 x 43") - 3560795 °		
2pc 0501 Joist (2 x 2 x 43 1/2") - 3770501		
2pc 0367 Floor Gusset (2 x 3 x 11") - 3560367		
1pc 1860 MK Mount (2 x 3 x 34-13/16") - 3561860		
4pc 0369 Lower Diagonal (2 x 3 x 37") - 3560369		
4pc 0863 Roof Support (2 x 3 x 43 1/2") - 3770863		
2pc 0349 Rock Rail (2 x 3 x 51") - 3560349		

o       2" X 3"       1%" X 2%"         1pc [1865] SW Mount (2 x 4 x 38-1/8") - 3561861       2" X 6"       1%" X 3%"         2pc [11384] MK Rail Long (2 x 4 x 52") - 35611384       o       0         o       0       0       0         2pc [11385] Post MK - 2 x 3 x 70" - 35611385       o       0         o       0       0       0         2pc [11385] Post MK - 2 x 3 x 70" - 35611385       0       0         o       0       0       0         2pc [1656] SW Post (2 x 4 x 86-11/16") - 3561863       0       0         0       0       0       0       0         4pc [1500] Post (2 x 4 x 85") - 3561806       0       0       0         0       0       0       0       0       0         1pc [1525] Back Beam (2 x 6 x 83-5/8") - 3561825       0       0       0       0         1pc [1826] Front Beam (2 x 6 x 83-5/8") - 3561826       0	1pc 4919 SW Rail Block (2 x 4 x 5-3/8") - 3564919	Nominal Size	Actual Size
1pc [186] SW Mount (2 x 4 x 38-1/8") - 3561861 $2" x 6"$ $1'x" x 5\%"$ 2pc [11384] MK Rail Long (2 x 4 x 52") - 35611384 $\circ$ $\circ$ $\circ$ 2pc [11385] Post MK - 2 x 3 x 70" - 35611385 $\circ$ $\circ$ $\circ$ 2pc [1656] SW Post (2 x 4 x 86-11/16") - 3561863 $\circ$ $\circ$ $\circ$ 2pc [1856] SW Post (2 x 4 x 86-11/16") - 3561863 $\circ$ $\circ$ $\circ$ $\phi$ $\circ$ $\circ$ $\circ$ $\circ$ 1pc [1856] SW Upright (2 x 4 x 48-5/16") - 3561856 $\circ$ $\circ$ $\circ$ $\phi$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ 1pc [1825] Back Beam (2 x 6 x 83-5/8") - 3561825 $\circ$ $\circ$ $\circ$ $\circ$ $\phi$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ 1pc [1825] Front Beam (2 x 6 x 83-5/8") - 3561826 $\circ$	o	2" x 3" 2" x 4"	1 <sup>3</sup> ⁄8" x 2 <sup>1</sup> ⁄2" 1 <sup>3</sup> ⁄4" x 3 <sup>3</sup> ⁄4"
2pc [1384] MK Rail Long (2 x 4 x 52") - 35611384         0         2pc [1385] Post MK - 2 x 3 x 70" - 35611385         0         2pc [1663] SW Post (2 x 4 x 86-11/16") - 3561863         0         1pc [1866] SW Upright (2 x 4 x 48-5/16") - 3561863         0       0         4pc [1500] Post (2 x 4 x 83") - 3561500         0       0         0       0         1pc [1825] Back Beam (2 x 6 x 83-5/8") - 3561825         0       0         0       0         1pc [1826] Front Beam (2 x 6 x 83-5/8") - 3561826         0       0         0       0         1pc [1826] Front Beam (2 x 6 x 83-5/8") - 3561826         0       0         0       0         0       0         0       0         0       0	 1pc [1861] SW Mount (2 x 4 x 38-1/8") - 3561861	2" x 6"	1½" x 5¾"
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2pc 11385       Post MK - 2 x 3 x 70" - 35611385 $\circ$ $\circ$ 2pc 1863       SW Post (2 x 4 x 86-11/16") - 3561863 $\bullet$ $\circ$ $\bullet$ $\circ$ 1pc 1856       SW Upright (2 x 4 x 48-5/16") - 3561856 $\circ$ $\circ$ $\circ$ $\circ$ 4pc 1500       Post (2 x 4 x 83") - 3561800 $\circ$ $\circ$ $\circ$ $\circ$ 1pc 1500       Post (2 x 6 x 83-5/8") - 3561825 $\circ$ $\circ$ $\circ$ $\circ$ 1pc 1825       Back Beam (2 x 6 x 83-5/8") - 3561825 $\circ$	2pc 11384 MK Rail Long (2 x 4 x 52") - 35611384		
$\circ$ $\circ$ 2pc [1863] SW Post (2 x 4 x 86-11/16") - 3561863 $\circ$ $\circ$ 1pc [1856] SW Upright (2 x 4 x 48-5/16") - 3561856 $\circ$ <	• <sup>  </sup> <sup>  </sup> •		
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1pc 1856 SW Upright (2 x 4 x 48-5/16") - 3561856 $\circ$ $\circ$ 4pc 1500 Post (2 x 4 x 83") - 3561500 $\circ$ $\circ$ $\circ$ $\circ$ 1pc 1825 Back Beam (2 x 6 x 83-5/8") - 3561825 $\circ$			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	වේ) වේ)		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1pc [1856] SW Upright (2 x 4 x 48-5/16") - 3561856		
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4pc 1500 Post (2 x 4 x 83") - 3561500		
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Image: Image	1pc 1825 Back Beam (2 x 6 x 83-5/8") - 3561825		
1pc 1826 Front Beam (2 x 6 x 83-5/8") - 3561826		o	o
1pc 1826 Front Beam (2 x 6 x 83-5/8") - 3561826			• !! •
			V
	1pc 1826 Front Beam (2 x 6 x 83-5/8") - 3561826		
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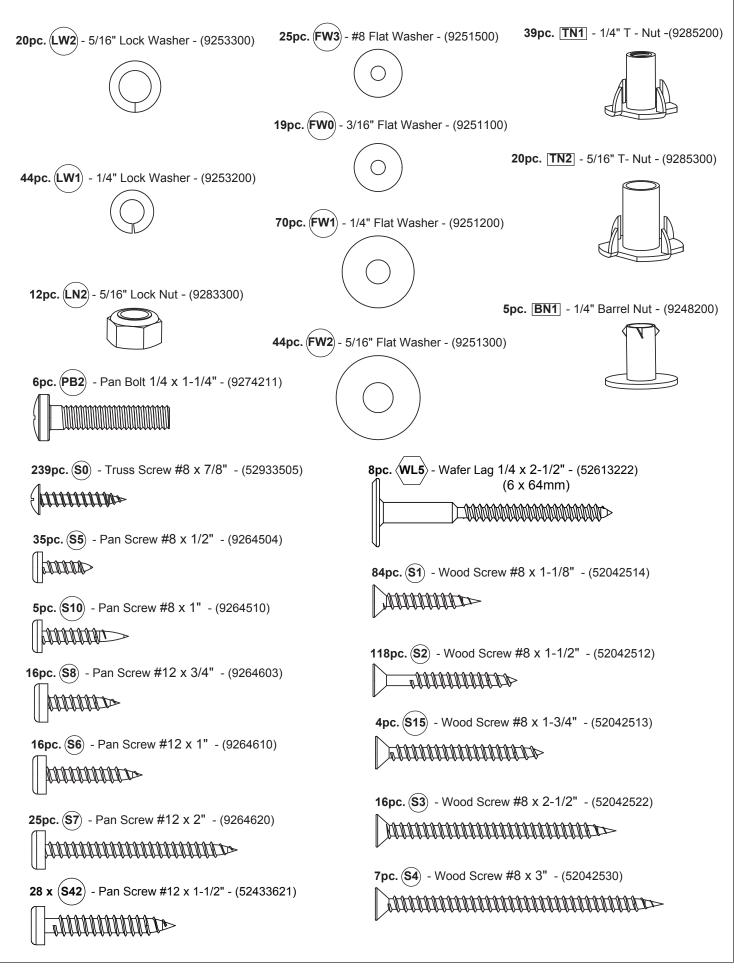
### Hardware Identification (Actual Size)



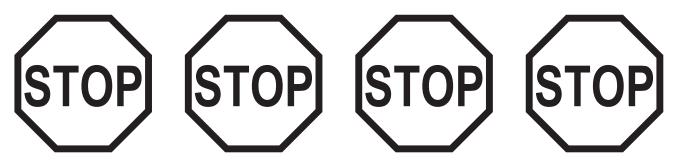
### Hardware Identification (Actual Size)

Ē Ū	32) - Hex Bolt 5/16 x 1" - (9277310)	
4pc. (0	G1) - Hex Bolt 5/16 x 1-1/2" - (9277312)	
2pc. (0	<b>38</b> ) - Hex Bolt 5/16 x 2" - (9277320)	
3pc. (	G10 - Hex Bolt 5/16 x 3" - (9277330)	
4pc. (0	34) - Hex Bolt 5/16 x 4" - (9277340)	
5pc. (0	35) - Hex Bolt 5/16 x 4-1/2" - (9277342)	
4pc. (0	37) - Hex Bolt 5/16 x 5-1/2" - (9277352)	
2pc.	. G25 - Hex Bolt 5/16 x 7 1/4" - (9277471)	
4pc. (0	Image: Second state of the second s	

### Hardware Identification (Actual Size)



### Step 1: Inventory Parts - Read This Before Starting Assembly



Inventory should be completed before starting installation. KidKraft will not cover costs of any additional installation trip due to missing or damaged pieces.

**A.** Referencing the parts identification sheets, inventory all hardware, wood and accessories. This will assist you with your assembly.

• The wood pieces will have the key number stamped on the ends of the boards. Organize the wood pieces by step, as per the key numbering system below.

2X 10157 2 x 4 x 83" (50mm x 100mm x 2108mm) Quantity Key Number Part Size

**B.** Read the assembly manual completely, paying special attention to EN71 and ASTM warnings, notes and safety/maintenance information on pages 1 - 8.

#### If there are missing or damaged pieces, please contact the KidKraft Consumer Engagement Team before going back to the retailer.

## **Request Replacement Parts 24/7**

You can request replacement parts for this product 24 hours a day / 7 days a week:

#### Outdoor Swing Set and Playhouse Parts Ordering https://parts.kidkraft.com/partsorderemail

If you have assembly or product questions, please refer to the front cover for direct contact information for our Consumer Engagement Team OR you can also use this QR code with your smartphone for common questions and contact information.



KidKraft Help Center <u>https://kidkraft.zendesk.com/hc/en-us/</u>



#### Pre-drill each hole using a 1/8" drill bit for S42.

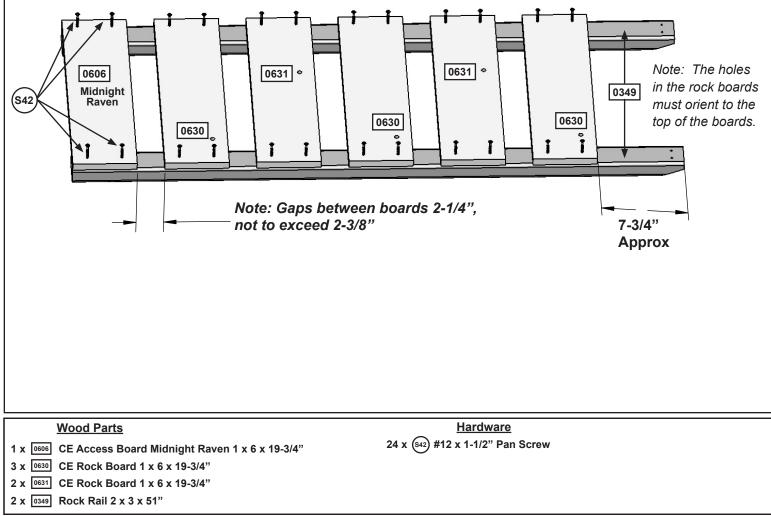
A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 2.1)

**B:** Place (0606) CE Access Board Midnight Raven on the bottom of each (0349) Rock Rail as shown in fig. 2.1. Make sure (0606) CE Access Board Midnight Raven is flush to the outside and bottom edges of each (0349). Attach using 4 (S42) #12 x 1-1/2" Pan Screws.

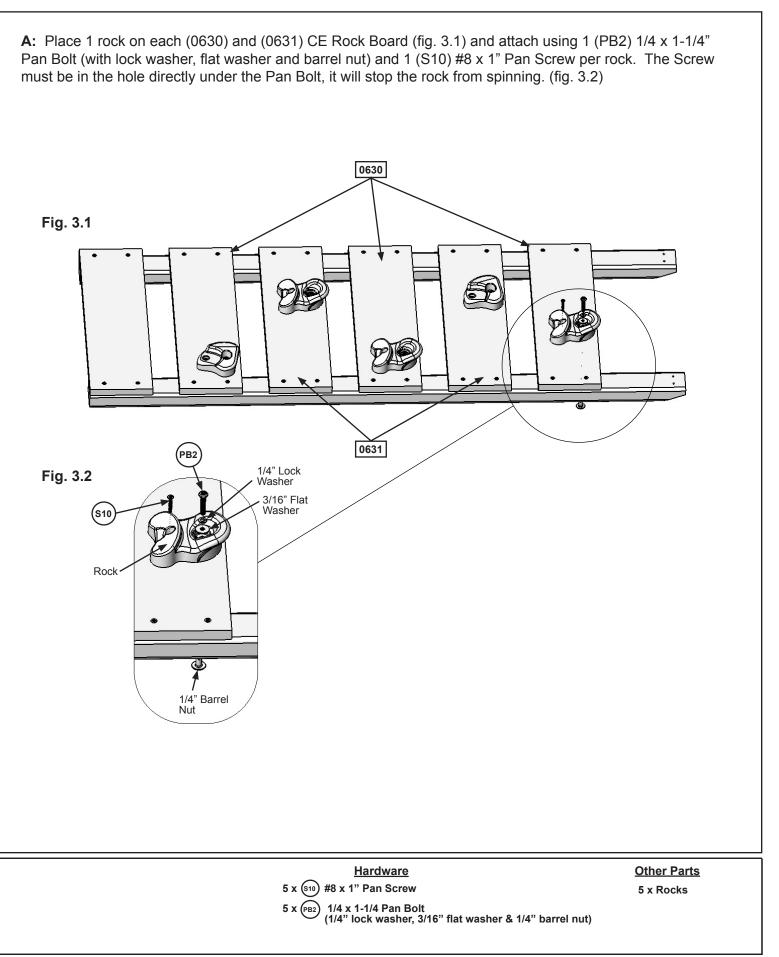
**C:** 7-3/4" down from the top of both (0349) Rock Rails place 1 (0630) CE Rock Board, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S42) #12 x 1-1/2" Pan Screws. (fig. 2.1)

**D:** In between the (0606) CE Access Board Midnight Raven and (0630) CE Rock Board stagger 2 (0630) and 2 (0631) CE Rock Boards using 4 (S42) #12 x 1-1/2" Pan 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.



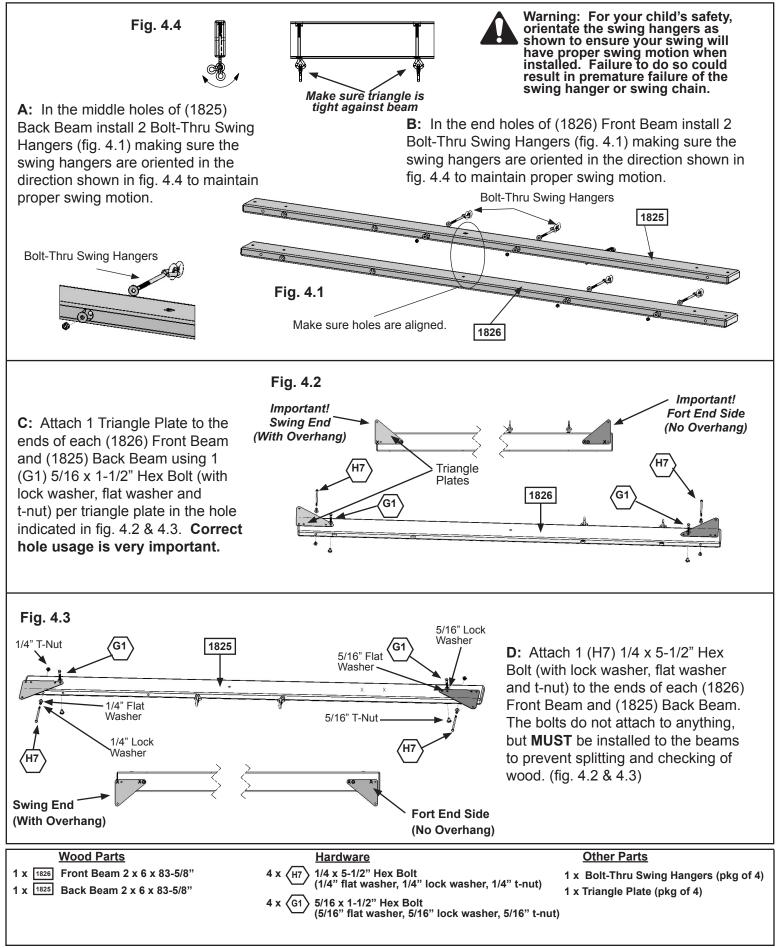


### **Step 3: Attach Rocks**



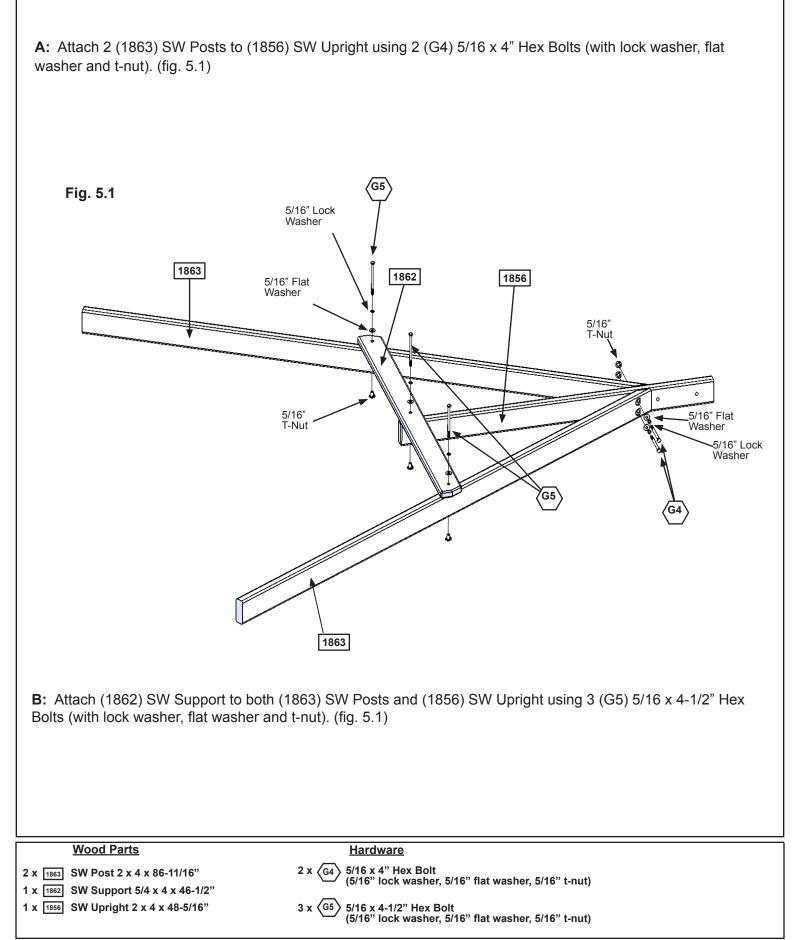
### Step 4: Swing Beam Assembly





### Step 5: Swing End Assembly

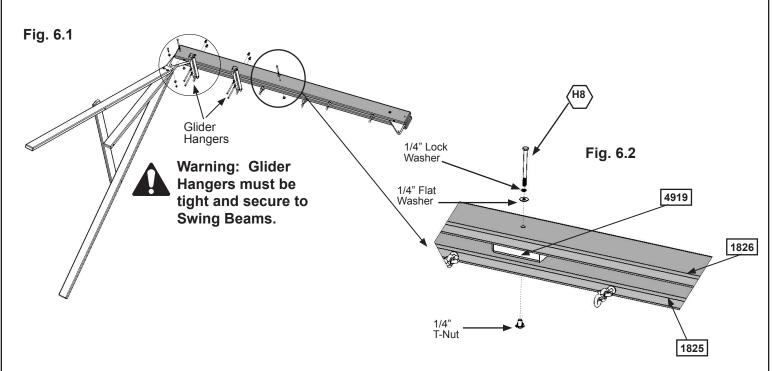




### Step 6: Attach Swing End to Swing Beam

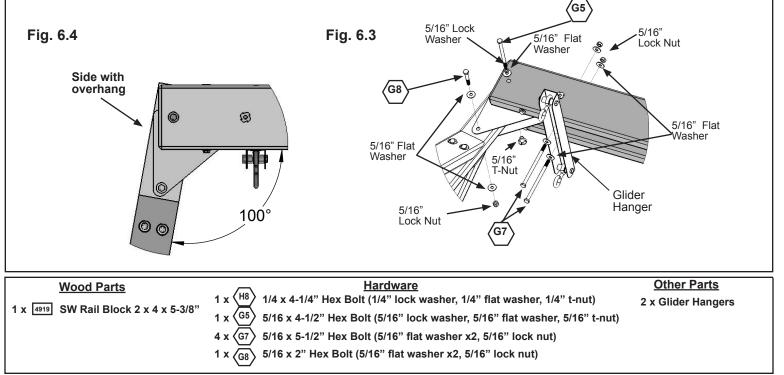


**A:** Place (4919) SW Rail Block in the centre between (1826) Front Beam and (1825) Back Beam and attach with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 6.1 & 6.2)



**B:** Attach Swing Beam Assembly to the side of the Swing End Assembly with the overhang (fig. 6.3 & 6.4) 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. 6.3) Make sure Swing End Assembly flares out at an angle. (fig. 6.4)

**C:** Attach 2 Glider Hangers to the Swing Beam Assembly using 2 (G7) 5/16 x 5-1/2" Hex Bolt (with 2 flat washers & lock nut) per Glider Hanger. (fig. 6.1 & 6.3)

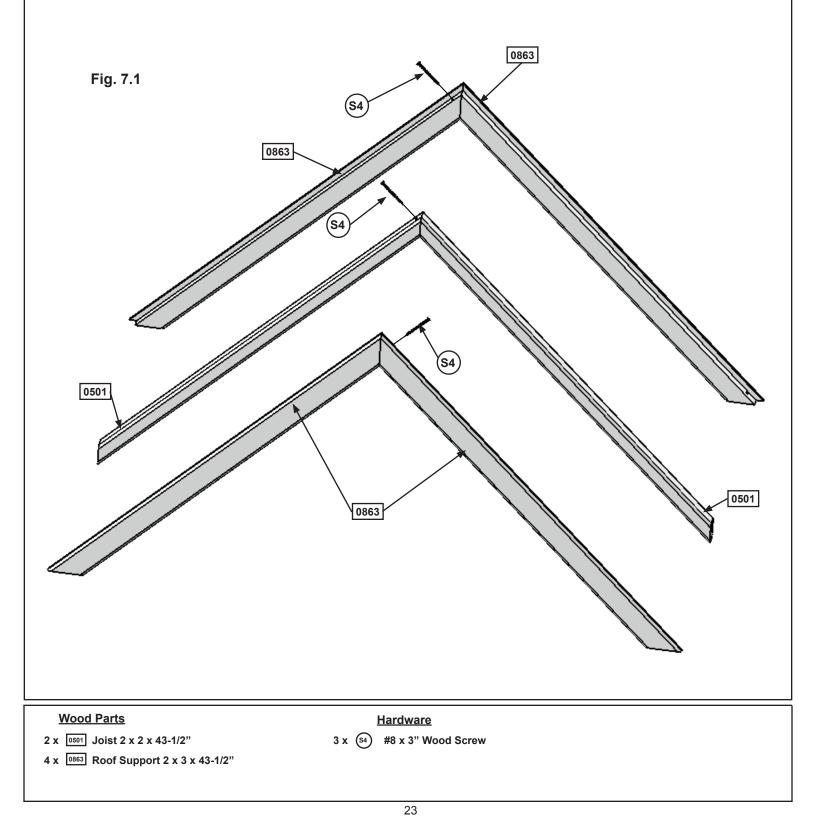


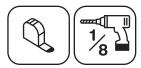
### Step 7: Roof Support Assembly

**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. 7.1)

**B:** Attach 1 (0501) Joist to another at the peak using 1 (S4) #8 x 3" Wood Screw. (fig. 7.1)

**C:** Place the Roof Supports and Joist Assemblies in the pattern shown in fig. 7.1. Once in the pattern check that the assemblies have the same angles.



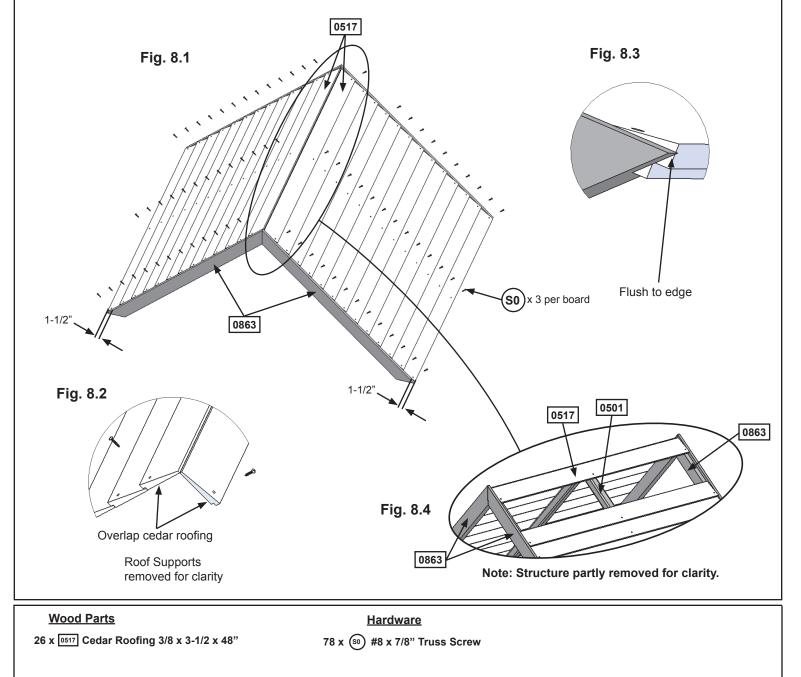


**A:** Starting at the top of the Roof Support Assembly attach 1 (0517) Cedar Roofing on each side of the (0863) Roof Supports and (0501) Joists with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 8.1 and 8.4) Be sure to overlap the top of the boards so there are no gaps. (fig. 8.2)

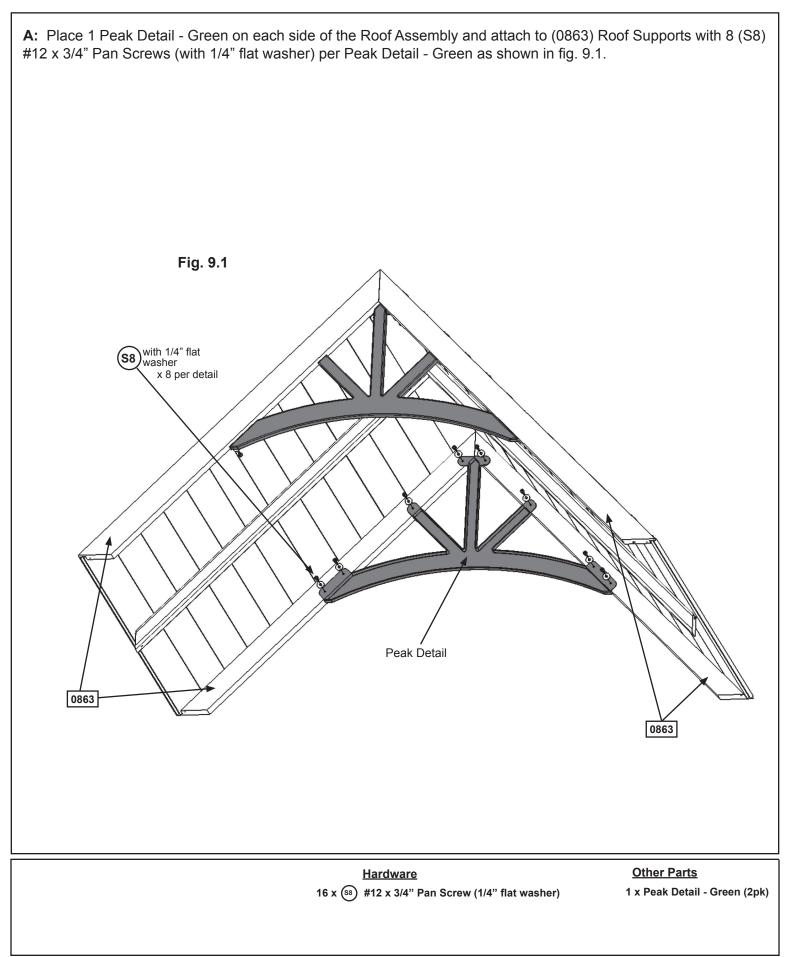
**B:** Drill a hole 1-1/2" up from the bottom of the 2 bottom (0517) Cedar Roofing (for bottom row only). Attach 1 (0517) Cedar Roofing at the bottom of the Roof Support Assembly on each side, making sure they are flush to each (0863) Roof Support with 3 (S0) #8 x 7/8" Truss Screws. (fig. 8.1 and 8.3)

**C:** On one side of the assembly evenly space and attach 11 (0517) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 13 (0517) Cedar Roofing on this side. (fig. 8.1)

**D:** On the other side of the assembly evenly space and attach 11 (0517) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 13 (0517) Cedar Roofing on this side. (fig. 8.1)



### **Step 9: Attach Peak Detail**



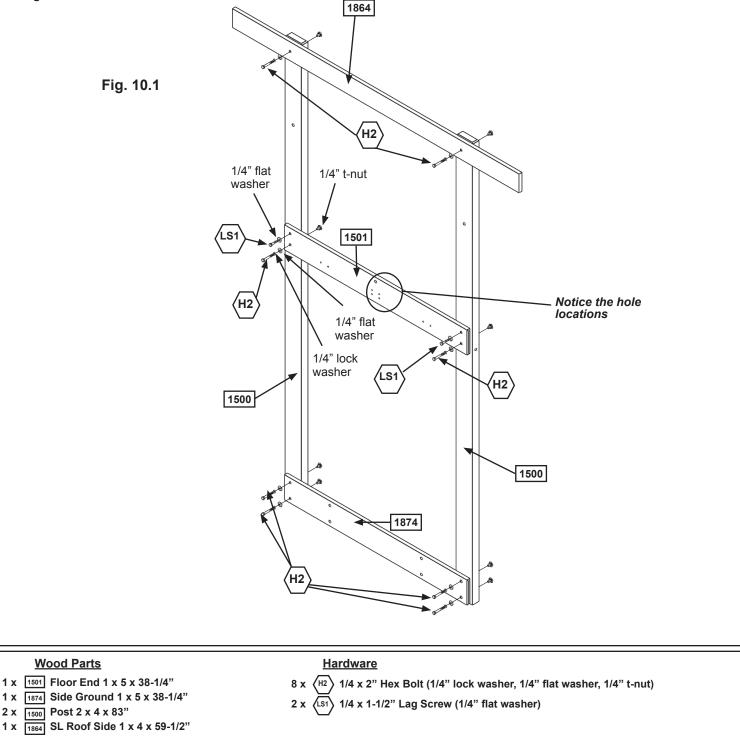


#### Note: Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

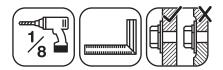
**A:** On the ground lay flat 2 (1500) Posts then attach (1874) Side Ground with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut); (1501) Floor End using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes; and (1864) SL Roof Side using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 10.1. **Keep bolts loose.** 

**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. 10.1)

C: Tighten all bolts.



#### Step 11: Swing Wall Assembly Part 1

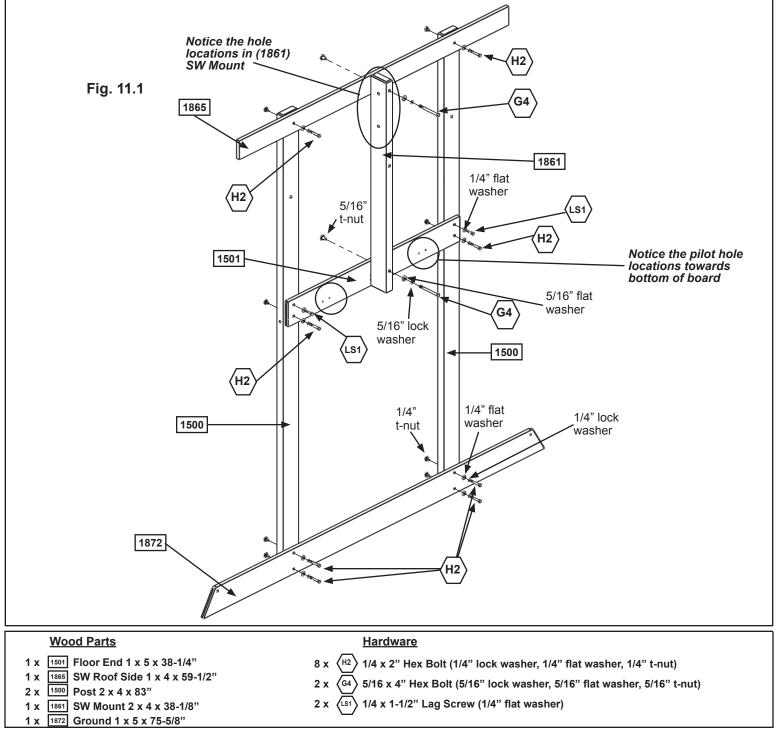


**A:** Attach (1872) Ground using 4 (H2)  $1/4 \ge 2$ " Hex Bolts (with lock washer, flat washer and t-nut); (1501) Floor End (in the bottom holes) and (1865) SW Roof Side using 2 (H2)  $1/4 \ge 2$ " Hex Bolts (with lock washer, flat washer and t-nut) for each board to 2 (1500) Posts. (fig. 11.1) **Note: Keep all bolts loose.** 

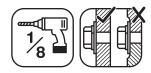
**B:** Place (1861) SW Mount across (1501) Floor End and (1865) SW Roof Side then attach using 2 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 11.1. Notice the side holes are towards the top of the board.

#### 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. 11.1) **Tighten all (H2) 1/4 x 2" Hex Bolts.** 



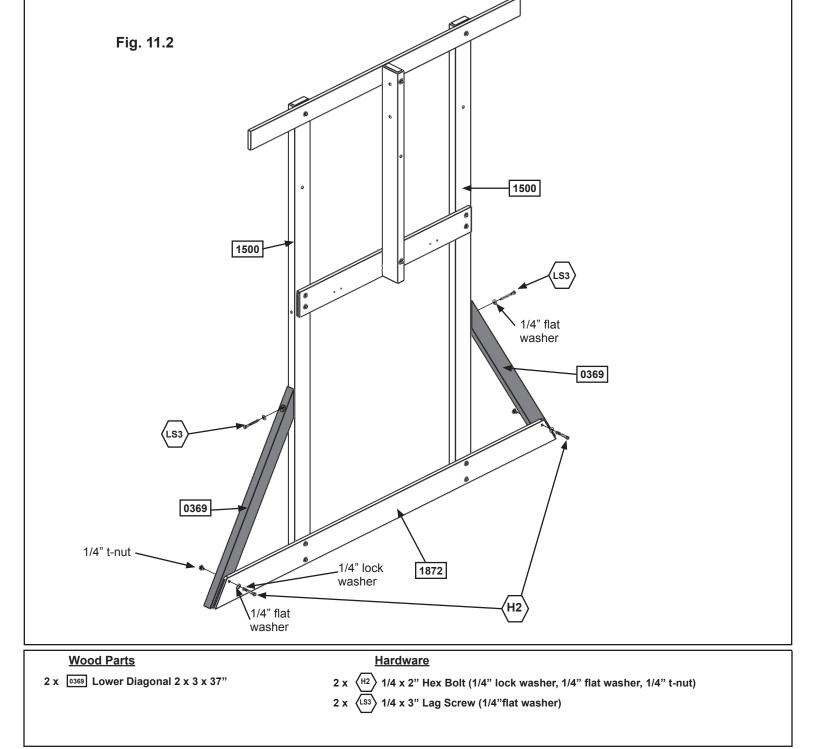
# Step 11: Swing Wall Assembly Part 2



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

**D:** Attach 1 (0369) Lower Diagonal to each end of (1872) Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per diagonal. (fig. 11.2)

**E:** Attach the other end of (0369) Lower Diagonal to each (1500) Post with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per diagonal. (fig. 11.2)



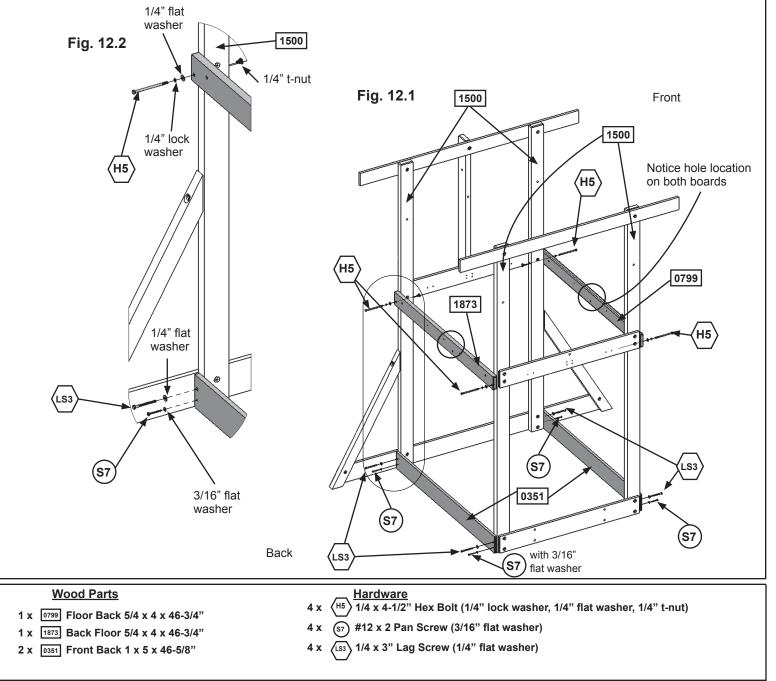


**A:** On the back side of the assembly, attach (1873) Back Floor to both (1500) Posts using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.1 and 12.2) Notice the middle bolt holes are towards the bottom of the board.

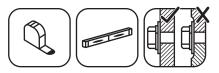
**B:** On the front side of the assembly, attach (0799) Floor Back to both (1500) Posts using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.1) The middle bolt hole should be towards the bottom.

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

**C:** Square and then attach (0351) Front Back to the bottom of (1500) Posts, on both the front and back sides, with 2 (LS3)  $1/4 \times 3$ " 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, per board, as shown in fig. 12.1 and 12.2.

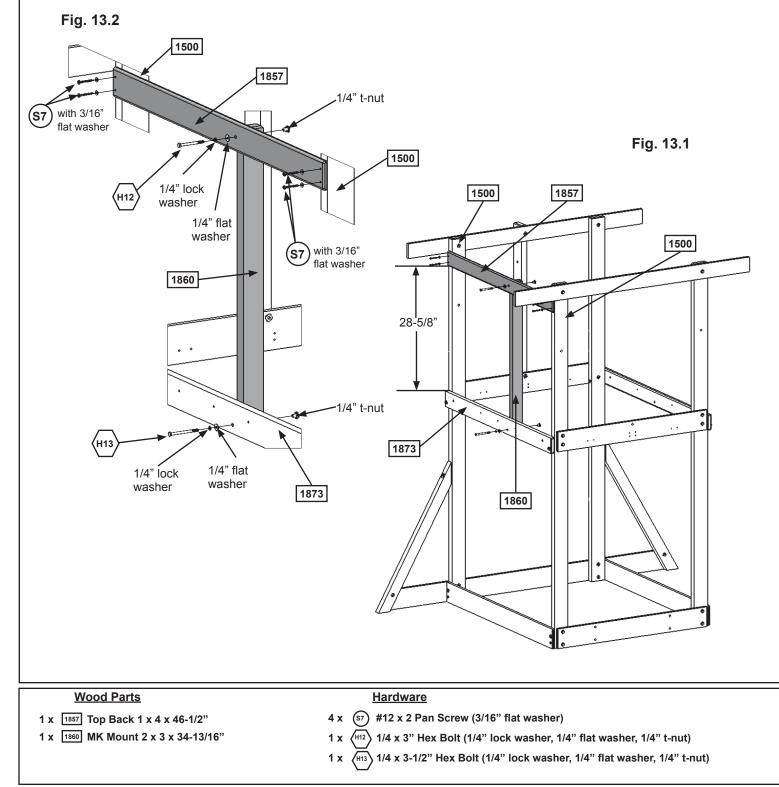


### Step 13: Back Frame Assembly

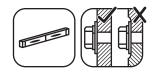


**A:** Attach (1860) MK Mount to (1873) Back Floor with 1 (H13) 1/4 x 3-1/2" Hex Bolt (with lock washer, flat washer and t-nut) and to (1857) Top Back with 1 (H12) 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 13.1 and 13.2)

**B:** Make sure (1857) Top Back is level and the distance between the bottom of (1857) Top Back and the top of (1873) Back Floor is 28-5/8", then attach to both (1500) Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washers). (fig. 13.2)

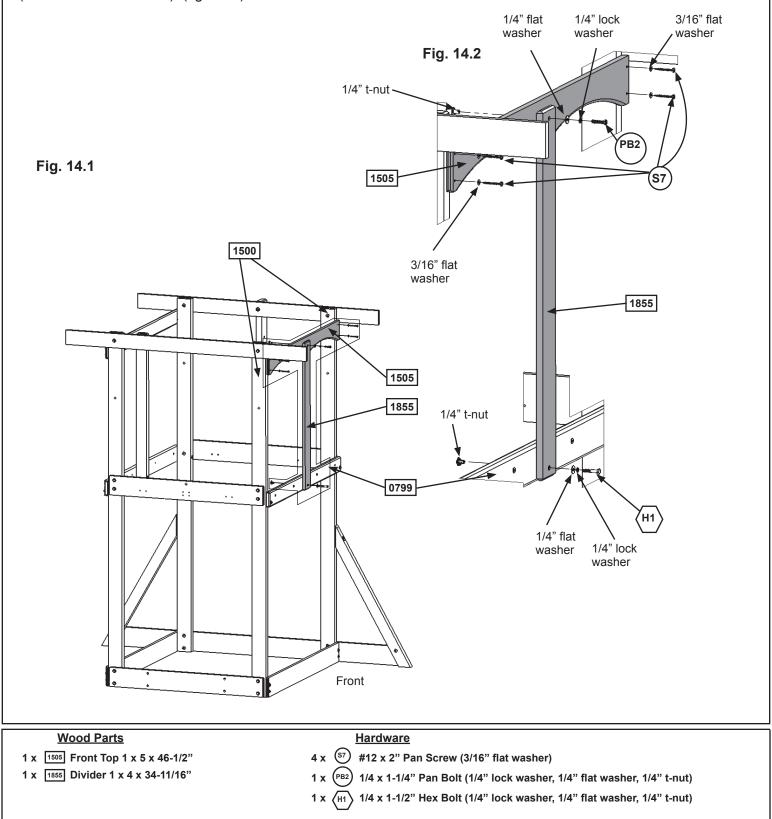


### Step 14: Front Frame Assembly



**A:** 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) and to (1505) Front Top with 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and t-nut). (fig. 14.1 and 14.2)

**B:** Make sure (1505) Front Top is level and then attach to both (1500) Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washers). (fig. 14.2)

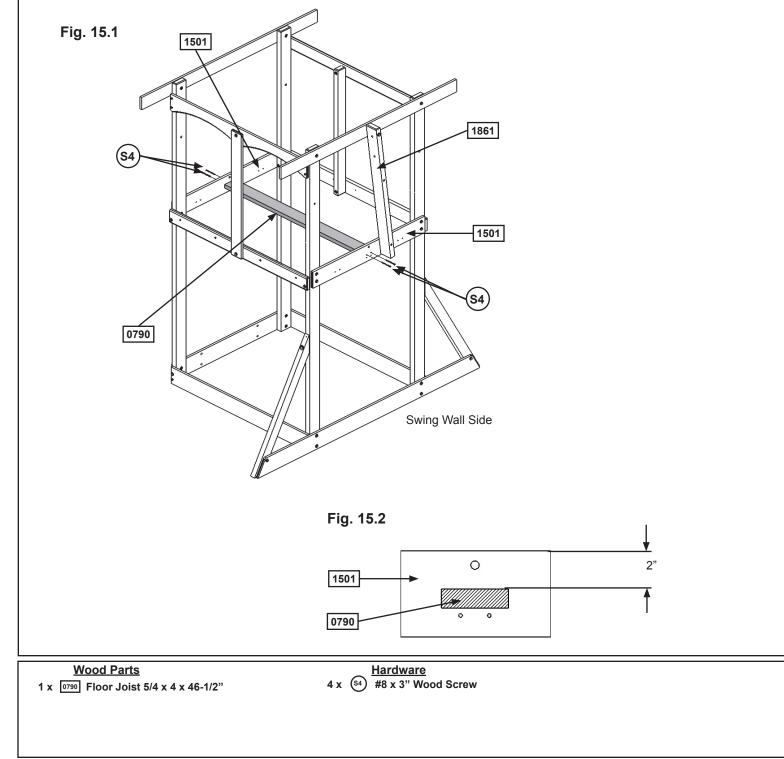




**A:** Loosen the top bolt and remove the bottom bolt in (1861) SW Mount. Do not discard these bolts, you will reinstall them after the (0790) Floor Joist is attached. (fig. 15.1)

**B:** From inside of the assembly, measure 2" down from the top of each (1501) Floor End (fig. 15.2) 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. 15.1)

**C:** Re-install the bolts in (1861) SW Mount and tighten both bolts. (fig. 15.1)

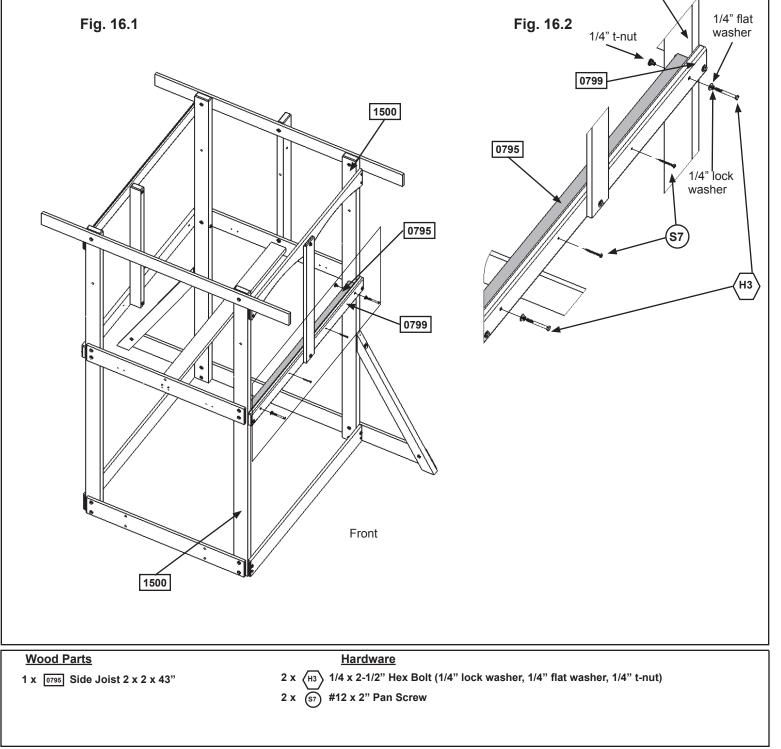


# Step 16: Attach Side Joists Part 1



1500

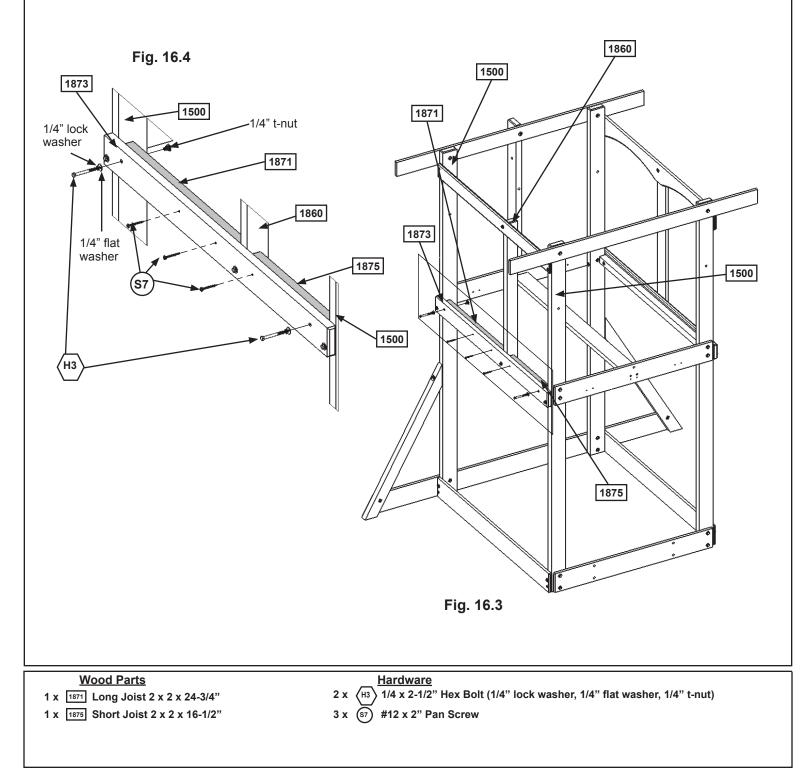
**A:** On the front of the assembly attach (0795) Side Joist to the inside of (0799) Floor Back with 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nut) in the outside holes and 2 (S7) #12 x 2" Pan Screws in the inside holes as shown in fig. 16.1 and 16.2.



# Step 16: Attach Side Joists Part 2



**B:** On the back of the assembly attach one (1875) Short Joist and one (1871) Long Joist on each side of (1860) MK Mount, to the inside of (1873) Back Floor with 1 (H3)  $1/4 \times 2 - 1/2$ " Hex Bolt (with lock washer, flat washer and t-nut), per board, in the outside holes. Make sure both boards are level then attach (1875) Short Joist with 1 (S7) #12 x 2" Pan Screw and (1871) Long Joist with 2 (S7) #12 x 2" Pan Screws, as shown in fig. 16.3 and 16.4.

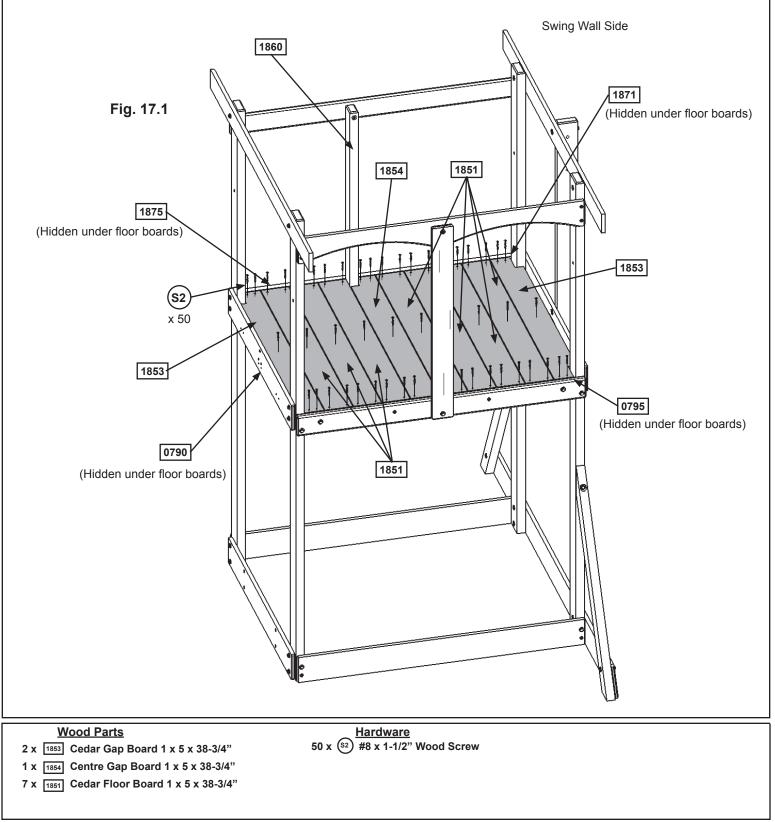


### Step 17: Attach Gap and Floor Boards



**A:** Place 1 (1853) Cedar Gap Board at each end of the assembly. Then starting on the Swing Wall side place 4 (1851) Cedar Floor Boards, 1 (1854) Centre Gap Board so the gap in the board fits around the (1860) MK Mount, and 3 more (1851) Cedar Floor Boards. Make sure all boards are evenly spaced. (fig. 17.1)

**B:** Attach all boards to (0795) Side Joist, (0790) Floor Joist, (1875) Short Joist and (1871) Long Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 17.1)



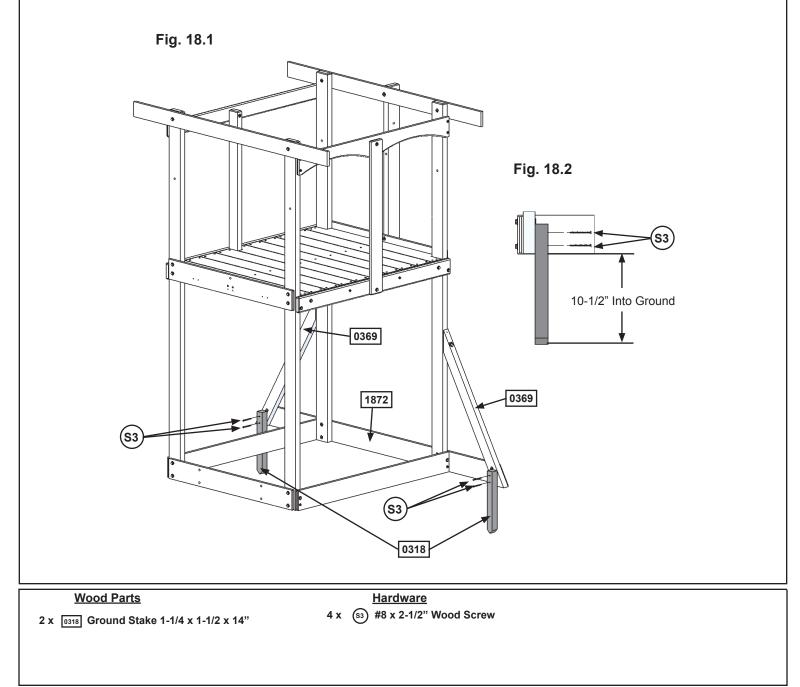


#### MOVE FORT TO FINAL LOCATION. FINAL LOCATION MUST BE LEVEL GROUND

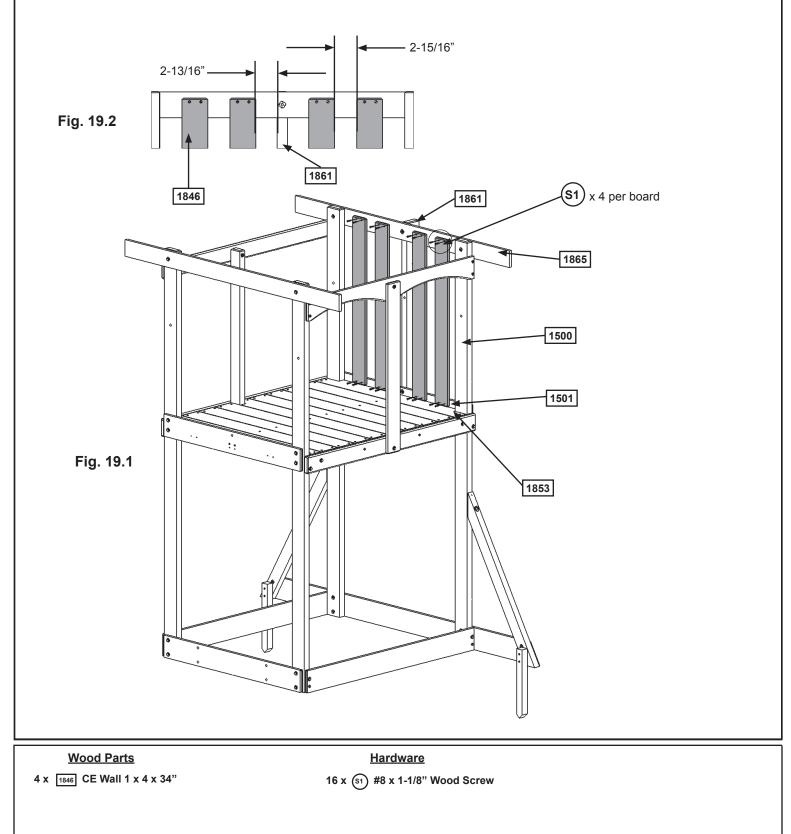


Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

**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. 18.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake.



**A:** In between both (1500) Posts on Swing Wall side attach 4 (1846) CE Wall to (1501) Floor End and (1865) SW Roof Side using 4 (S1) #8 x 1-1/8" Wood Screws per board. Make sure the bottom of the boards are tight against (1853) Cedar Gap Board. The distance between (1861) SW Mount and (1846) CE Wall should not exceed 2-13/16" and the distance between (1846) CE Walls should not exceed 2-15/16". (fig. 19.1 and 19.2)



### Step 20: Attach Cafe Canopy to Fort

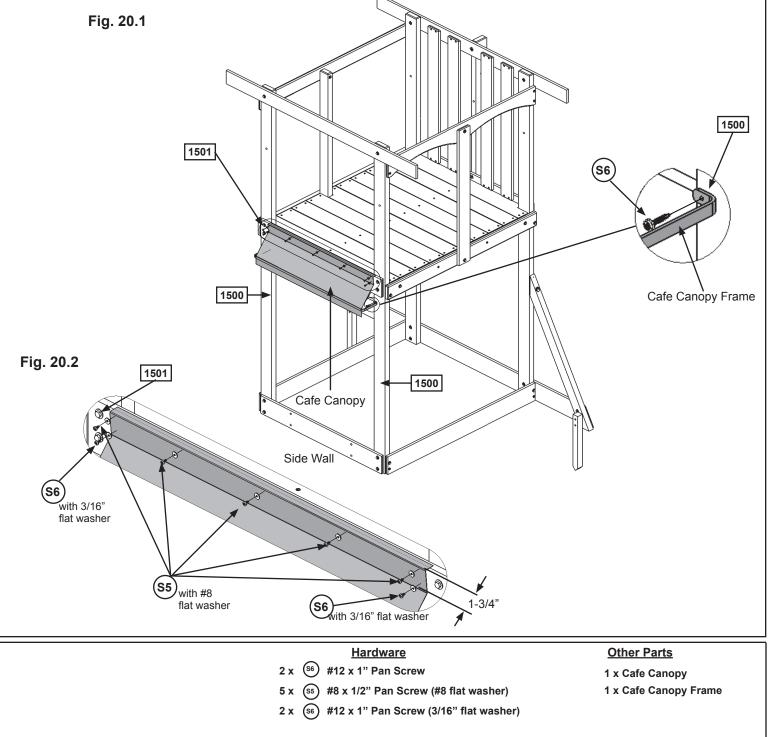


A: Feed Cafe Canopy Frame through the pocket of the Cafe Canopy. (fig. 20.1)

**B:** With a helper, hold the Cafe Canopy Frame against the (1500) Posts on the Cafe Wall. The top of the canopy should rest on top of (1501) Floor End. (fig. 20.1)

**C:** Attach Cafe Canopy Frame to (1500) Posts with 1 (S6) #12 x 1" Pan Screw per side. (fig. 20.1)

**D:** Make sure the Cafe Canopy is smooth and tight then attach to the front face of (1501) Floor End with 5 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer). On each side of the Cafe Canopy, measure 1-3/4" down from the top of (1501) Floor End and 1/2" in from each edge of the canopy then install 1 (S6) #12 x 1" Pan Screw (with 3/16" flat washer) to each side. (fig. 20.2)



**A:** Place 1 (1859) Wall Trim tight to the top of (1501) Floor End and flush to the outside edge of (1500) Post on the Cafe Wall side of the assembly. Attach to (1500) Post with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 21.1 and 21.2)

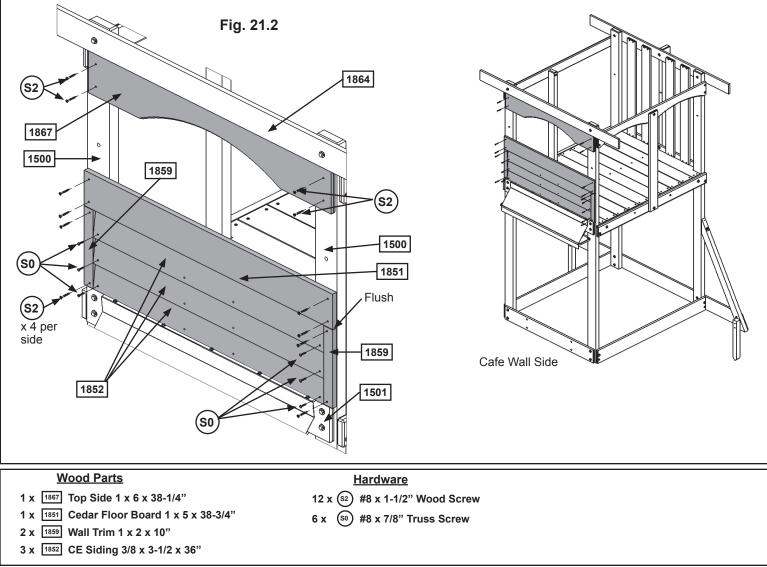
**B:** Tight to top of (1501) Floor End and tight to (1859) Wall Trim attach (1852) CE Siding to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 21.2. Make sure Cafe Canopy is pinched between (1852) CE Siding and (1501) Floor End.

**C:** Tight to (1852) CE Siding and top of (1501) Floor End attach a second (1859) Wall Trim to (1500) Post with 2 (S2) #8 x 1-1/2" Wood Screws. (fig 21.2)

**D:** Install 2 more (1852) CE Siding directly above the first, attaching to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws per board. The top of the last (1852) CE Siding should be flush to the top of each (1859) Wall Trim. (fig. 21.2)

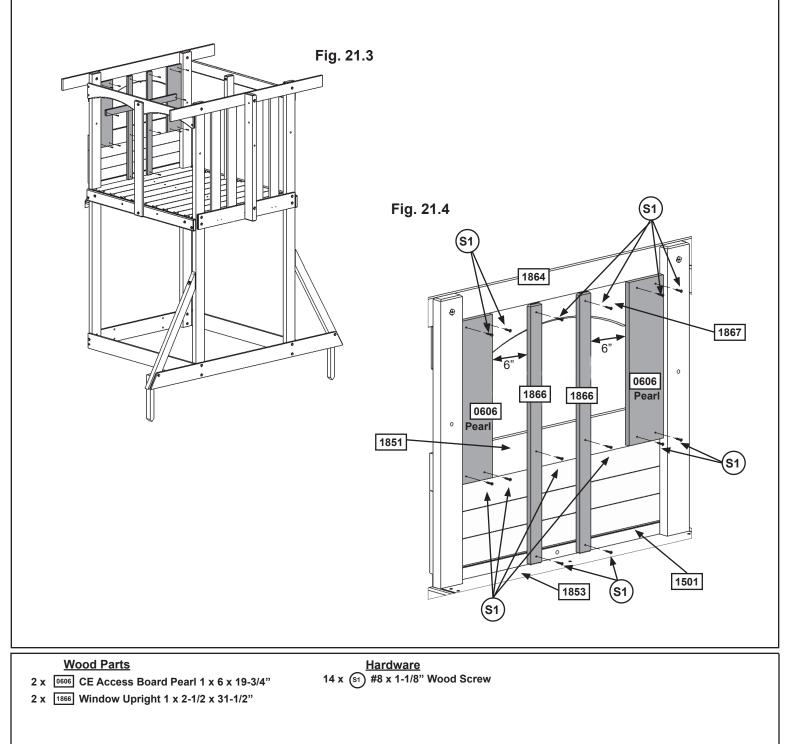
**E:** Tight to the top of both (1859) Wall Trims and flush to the edges of both (1500) Posts, attach (1851) Cedar Floor Board with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 21.2)

F: Tight to the bottom of (1864) SL Roof Side and flush to the edges of both (1500) Posts, attach (1867) Top Side with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 21.2) Fig. 21.1



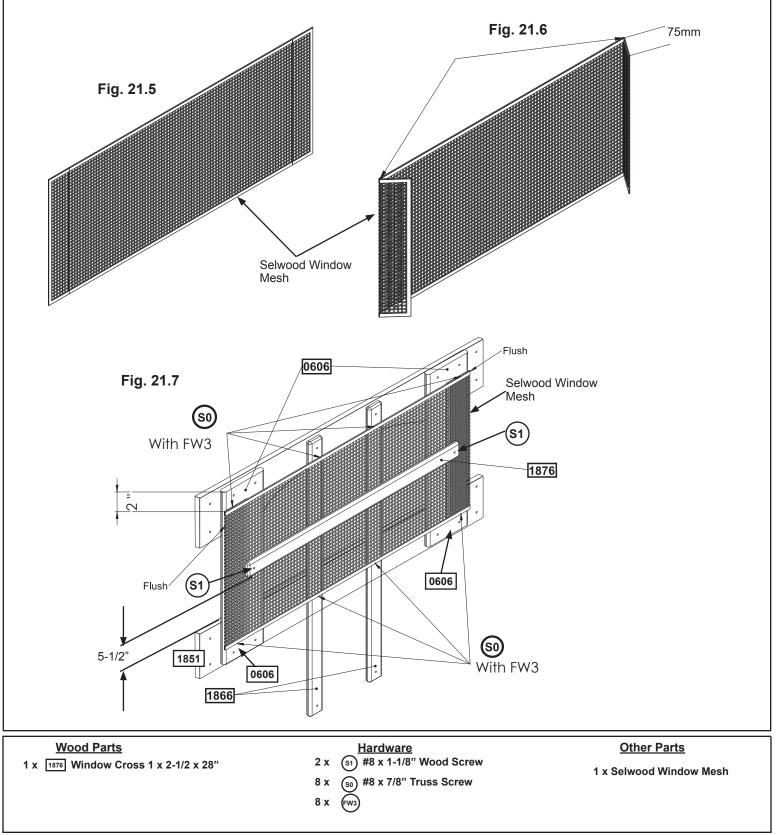
**G:** On the inside of the assembly, tight to both (1500) Posts and and flush to the bottom of (1864) SL Roof Side, attach 2 (0606) CE Access Boards Pearl to (1867) Top Side and (1851) Cedar Floor Board with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 21.3 and 21.4)

**H:** Place 2 (1866) Window Uprights 6" in from each (0606) CE Access Board Pearl and over the pilot holes in (1852) CE Siding and tight to the the top of (1853) CE Gap Board, attach to (1501) Floor End, (1851) Cedar Floor Board and (1867) Top Side with 3 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 21.4)

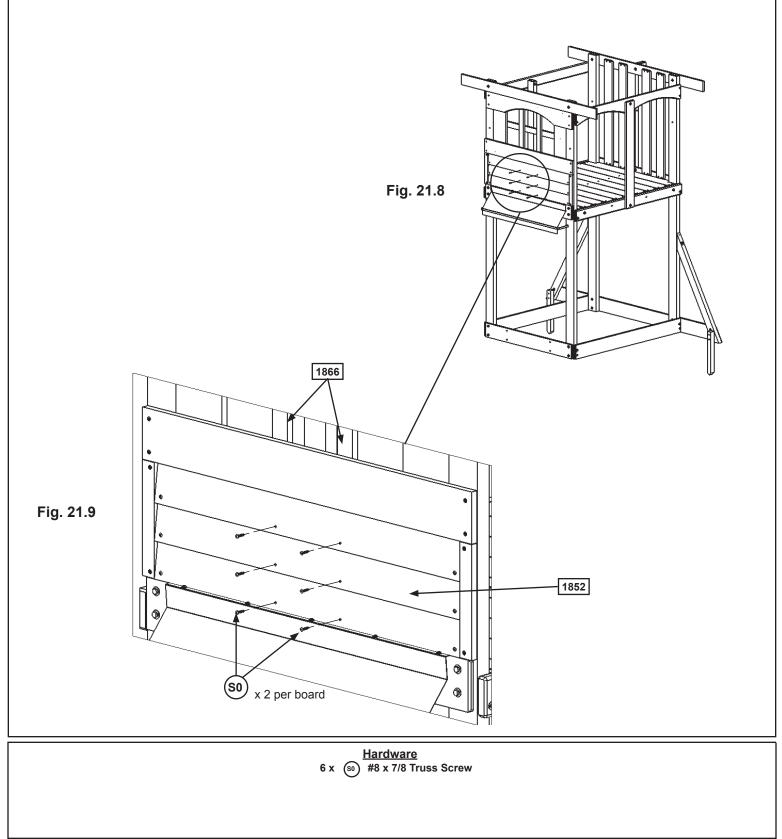


**I:** Fold Mesh both sides inward by 75mm, please keep folded mesh to flush with wood(0606) and attached the fold mesh with with 8 (S0) #8 x 7/8" Truss Screws and 8 (FW3).(fig.21.5 & 21.6)

**J:** Measure 5-1/2" up from the top of (1851) Cedar Floor Board, on the inside of the assembly attach (1876) Window Cross to both (0606) CE Access Boards with 2 (S1) #8 x 1-1/8" Wood Screws. (fig. 21.7)



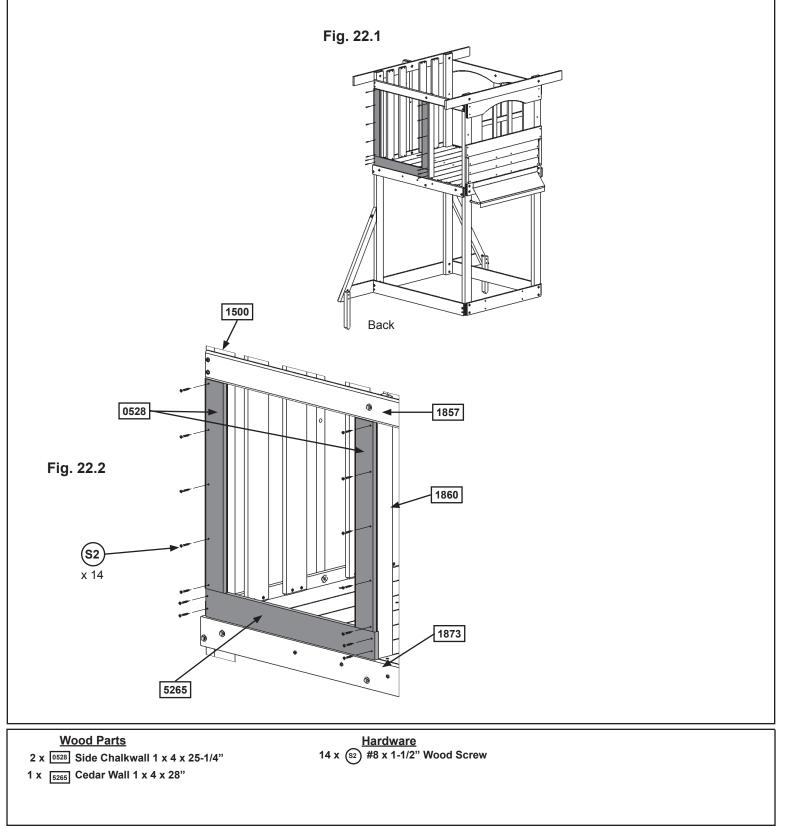
**K:** From the outside of the assembly attach (1852) CE Siding to each (1866) Window Upright with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 21.8 and 21.9)



#### Step 22: Chalk Wall Frame Assembly

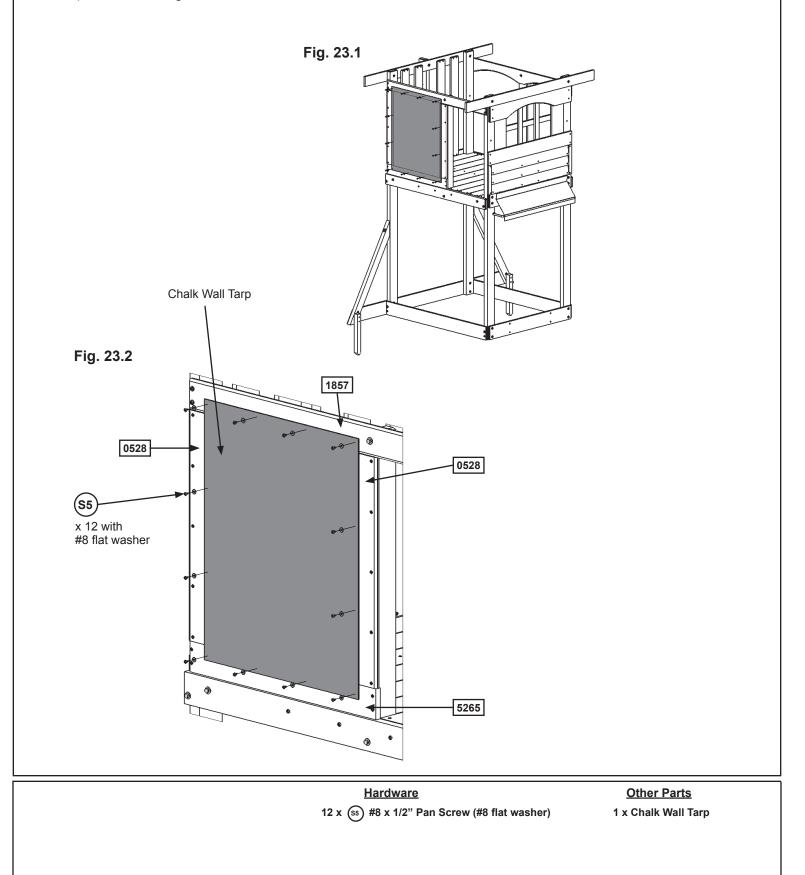
A: On the back of the assembly, tight to the top of (1873) Back Floor, attach (5265) Cedar Wall flush to the outside edges of (1500) Post and (1860) MK Mount with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 22.1 and 22.2)

**B:** Attach 1 (0528) Side Chalkwall flush to the outside edges of (1500) Post and (1860) MK Mount and tight to the top of (5265) Cedar Wall with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 22.1 and 22.2)



#### Step 23: Attach Chalkwall Tarp to Fort

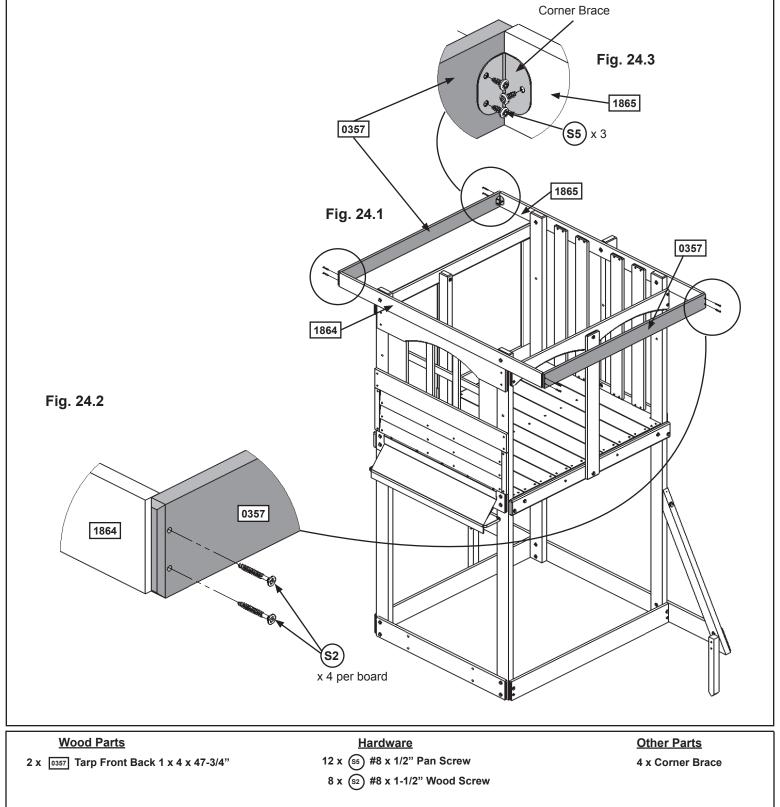
**A:** On the outside of the assembly, making sure the tarp is tight and smooth, attach Chalkwall Tarp to (1857) Top Back, (5265) Cedar Wall and both (0528) Side Chalkwalls using 12 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 23.1 and 23.2.



### 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.



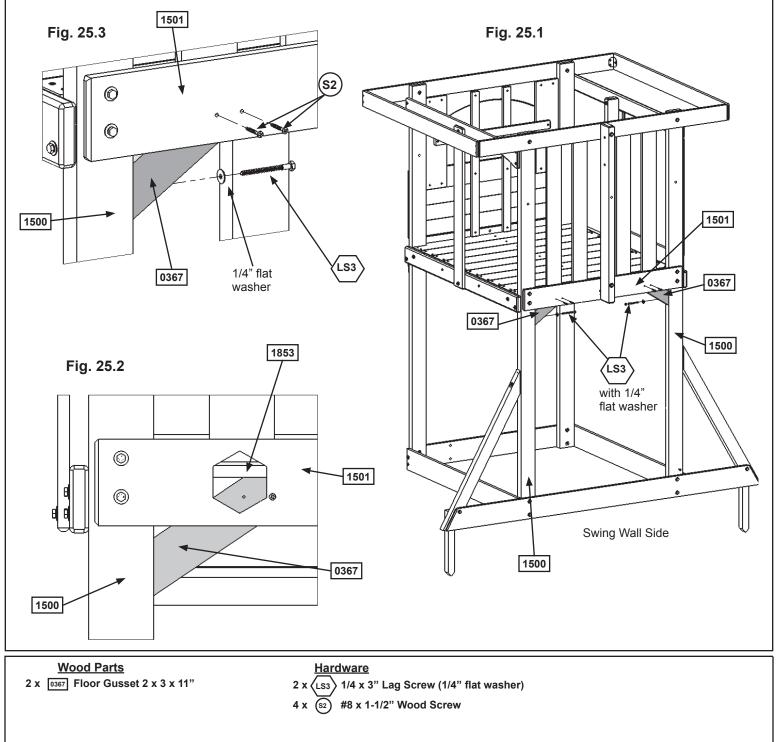


#### Pre-drill all pilot holes using a 1/8" drill bit before installing the lag screws.

**A:** On the Swing Wall side place 1 (0367) Floor Gusset tight to the inside face of each (1500) Post, to the bottom of (1853) Cedar Gap Board and inside face of (1501) Floor End. (fig. 25.1 and 25.2)

**B:** Attach (0367) Floor Gussets to (1500) Posts with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per gusset in the pre-drilled holes as shown in fig. 25.3.

**C:** Attach each (0367) Floor Gusset to (1501) Floor End using 2 (S2) #8 x 1-1/2" Wood Screws per gusset. (fig. 25.3)



# Step 26: Lower Swing Wall Assembly Part 1

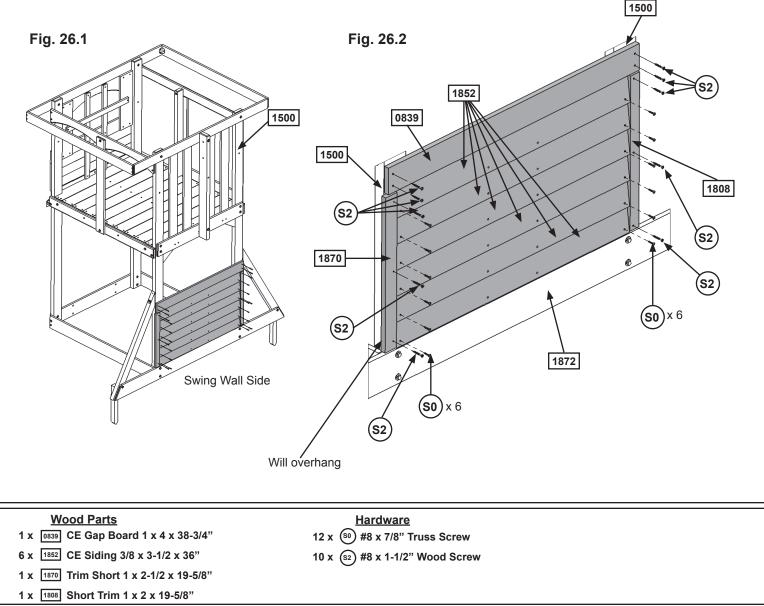
**A:** Place 1 (1808) Short Trim tight to the top of (1872) Ground flush to the outside edge of (1500) Post on the Swing Wall side of the assembly. Attach to (1500) Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig. 26.1 and 26.2)

**B:** Tight to top of (1872) Ground and tight to (1808) Short Trim attach (1852) CE Siding to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 26.2.

**C:** Tight to (1852) CE Siding and top of (1872) Ground attach 1 (1870) Trim Short to (1500) Post with 3 (S2) #8 x 1-1/2" Wood Screws. This will overhang the (1500) Post. (fig 26.2)

**D:** Install 5 more (1852) CE Siding directly above the first, attaching to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 26.2)

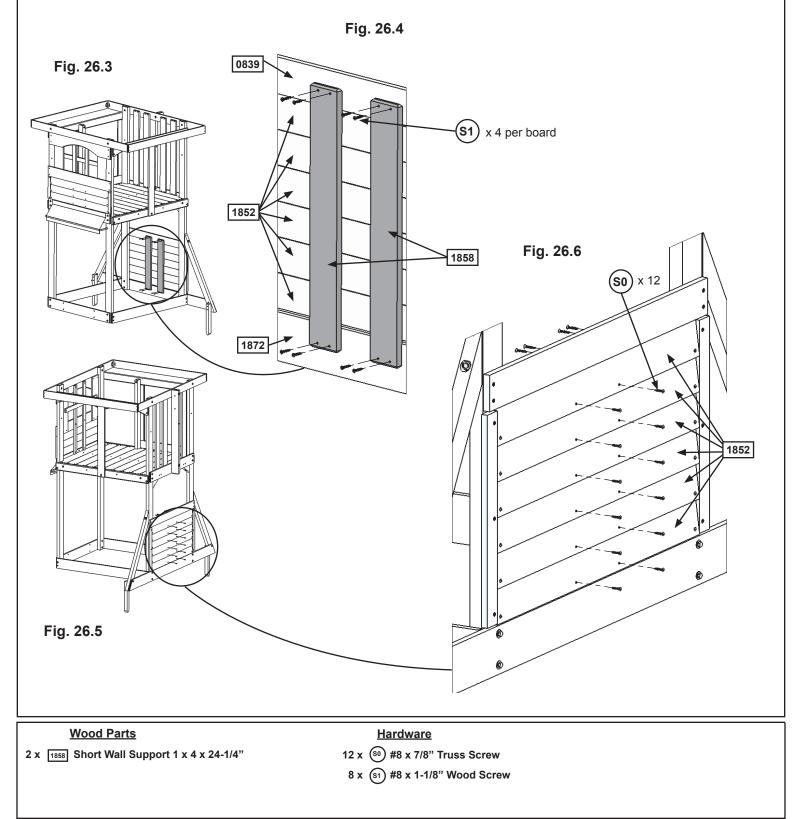
**E:** Tight to the top of both (1808) Short Trim and (1870) Trim Short and flush to the edges of both (1500) Posts, attach (0839) CE Gap Board with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 26.2)



## Step 26: Lower Swing Wall Assembly Part 2

**F:** From inside the assembly, centred over the pilot holes in (1852) CE Siding, attach 2 (1858) Short Wall Supports to (0839) CE Gap Board and (1872) Ground with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 26.3 and 26.4)

**G:** From the outside of the assembly attach (1852) CE Siding to each (1858) Short Wall Support with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 26.5 and 26.6)

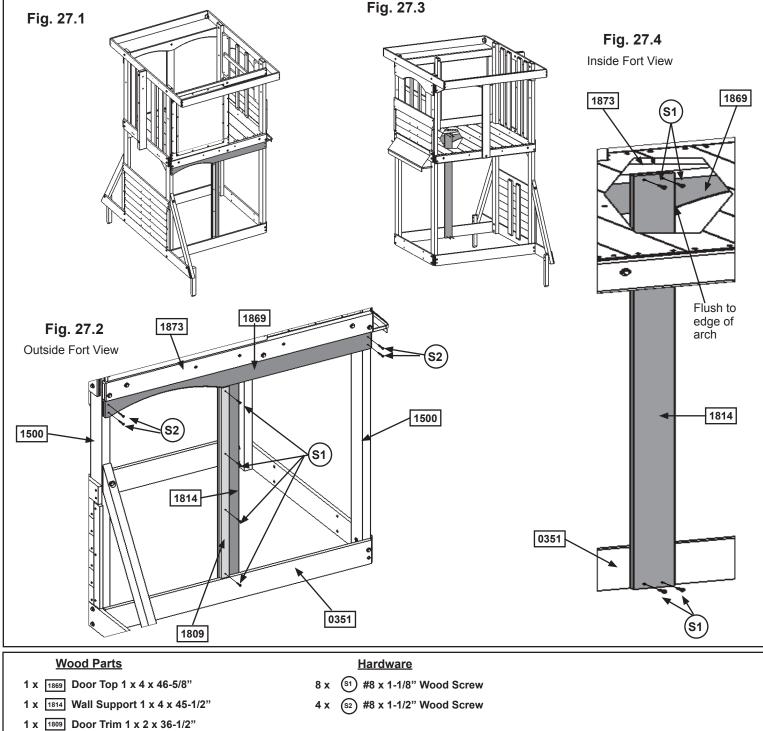


A: Tight to the bottom of (1873) Back Floor attach (1869) Door Top flush to the edges of both (1500) Posts with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 27.1 and 27.2)

**B:** Flush to the edge of the arch in the (1869) Door Top and flush to the bottom of (0351) Front Back attach (1814) Wall Support to (1873) Back Floor and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws. Make sure (1814) Wall Support is square to (0351) Front Back. (fig. 27.2, 27.3 and 27.4)

C: Place (1809) Door Trim flush to the door side edge of (1814) Wall Support and tight to the bottom of (1869) Door Top with 4 (S1) #8 x 1-1/8" Woood Screws. (fig. 27.2)

Fig. 27.1



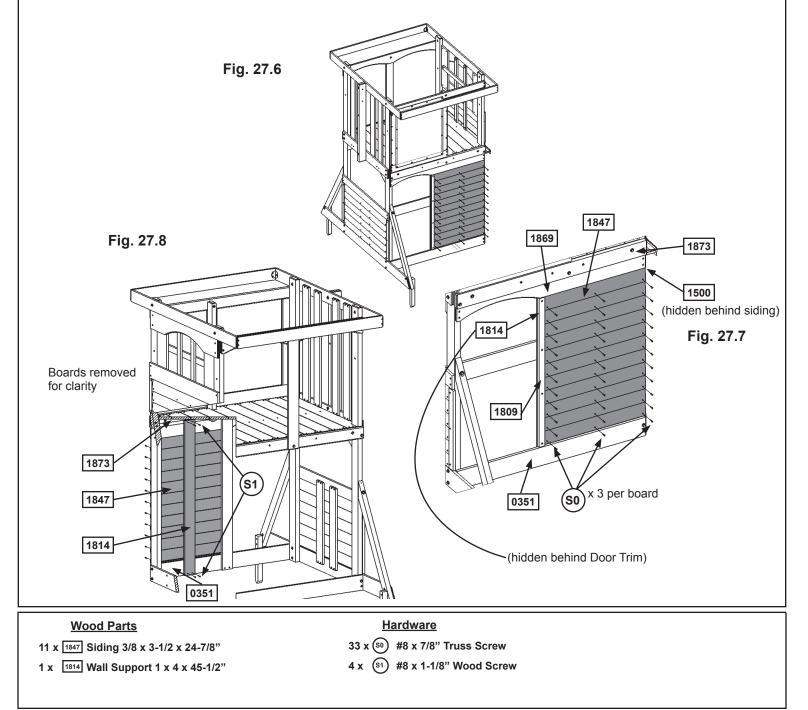
# Step 27: Door Wall Assembly Part 2

**D:** Tight to the top of (0351) Front Back and tight to (1809) Door Trim attach 1 (1847) Siding to (1814) Wall Support and (1500) Post with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 27.7.

**E:** Evenly space then install 10 more (1847) Siding directly above the first, attaching to (1814) Wall Support and (1500) Post with 2 (S0) #8 x 7/8" Truss Screws per board. The top of the last (1847) Siding should be tight to the bottom of (1869) Door Top. (fig. 27.7)

**F:** From inside the assembly, centred over the pilot holes in (1847) Siding, attach (1814) Wall Support to (1873) Back Floor and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 27.8)

**G:** From the outside of the assembly attach (1847) Siding to (1814) Wall Support with 1 (S0) #8 x 7/8" Truss Screws per siding. (fig. 27.7)



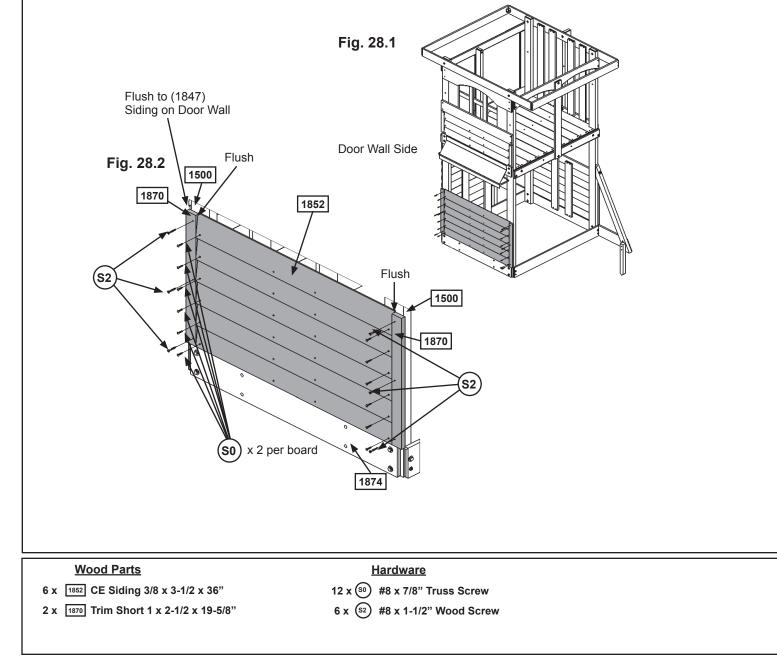
## Step 28: Lower Cafe Wall Assembly Part 1

**A:** Place 1 (1870) Trim Short tight to the top of (1874) Side Ground and the outside edge of (1847) Siding on the Door Wall side of the assembly. Attach to (1500) Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig. 28.1 and 28.2)

**B:** Tight to top of (1874) Side Ground and tight to (1870) Trim Short attach (1852) CE Siding to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 28.2.

**C:** Tight to (1852) CE Siding and top of (1874) Side Ground attach a second (1870) Trim Short to (1500) Post with 3 (S2) #8 x 1-1/2" Wood Screws. The (1870) Trim Short should overhang the (1500) Post by 5/16". (fig 28.2)

**D:** Install 5 more (1852) CE Siding directly above the first, attaching to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 28.2)

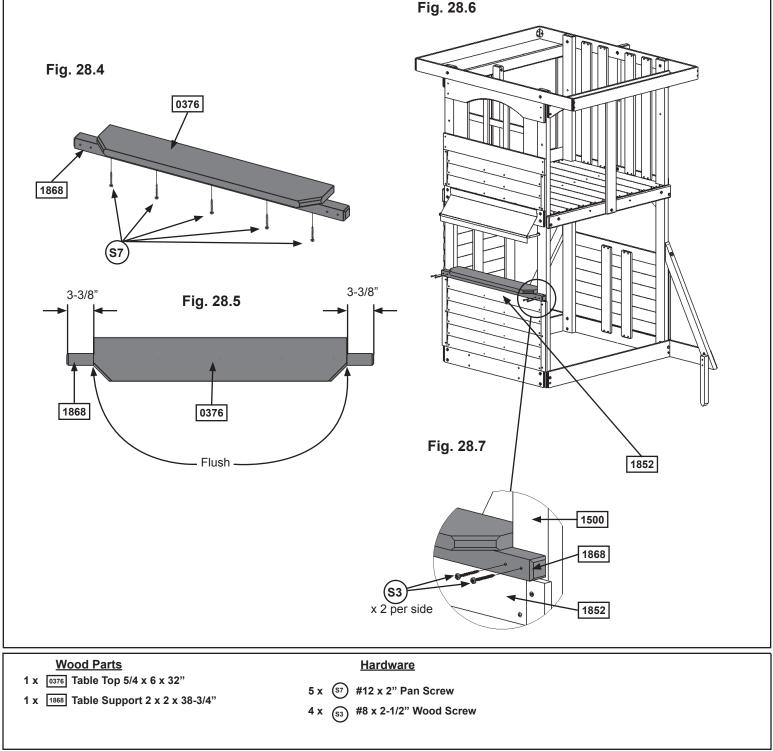


## Step 28: Lower Cafe Wall Assembly Part 2

**E:** Place (0376) Table Top centred over (1868) Table Support so the corner of the angled edge of (0376) Table Top is flush to the face of (1868) Table Support. The (1868) Table Support should overhang the (0376) Table Top on both sides by 3-3/8". (fig. 28.4 and 28.5)

F: Attach (1868) Table Support to (0376) Table Top with 5 (S7) #12 x 2" Pan Screws. (fig. 28.4)

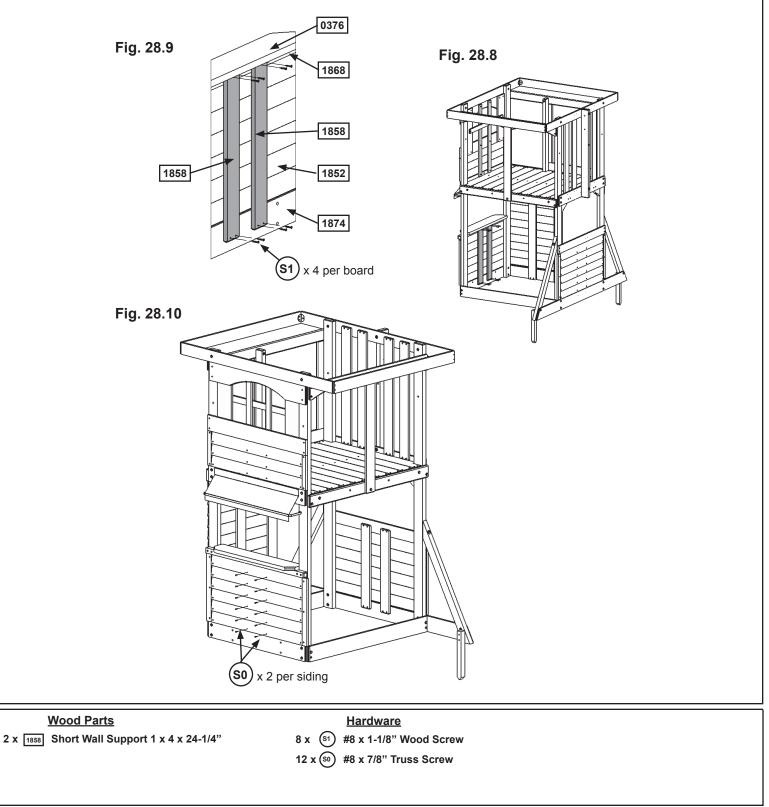
**G:** Place the Table Top Assembly tight to the top of (1852) CE Siding and attach to both (1500) Posts with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 28.6 and 28.7)



## Step 28: Lower Cafe Wall Assembly Part 3

**H:** From inside the assembly, centred over the pilot holes in (1852) CE Siding, attach 2 (1858) Short Wall Supports to (1868) Table Support and (1874) Side Ground with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 28.8 and 28.9)

**I:** From the outside of the assembly attach (1852) CE Siding to each (1858) Short Wall Support with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 28.10)



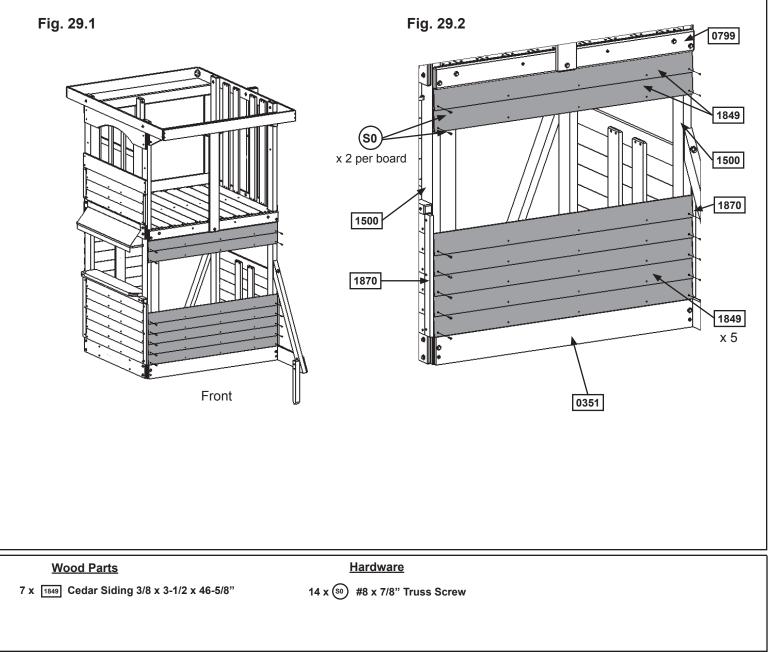
### Step 29: Lower Front Wall Assembly Part 1

**A:** Tight to the top of (0351) Front Back and tight to each (1870) Trim Short attach 1 (1849) Cedar Siding to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 29.1 and 29.2.

**B:** Install 4 more (1849) Cedar Siding directly above the first, attaching to both (1500) Posts with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 29.2)

**C:** Tight to the bottom of (0799) Floor Back and flush to the edges of both (1500) Posts attach 1 (1849) Cedar Siding with 2 (S0) #8 x 7/8" Truss Screws. (fig. 29.2)

**D:** Install another (1849) Cedar Siding directly below the one installed in "C" to both (1500) Posts using 2 (S0) #8 x 7/8" Truss Screws. (fig. 29.2)



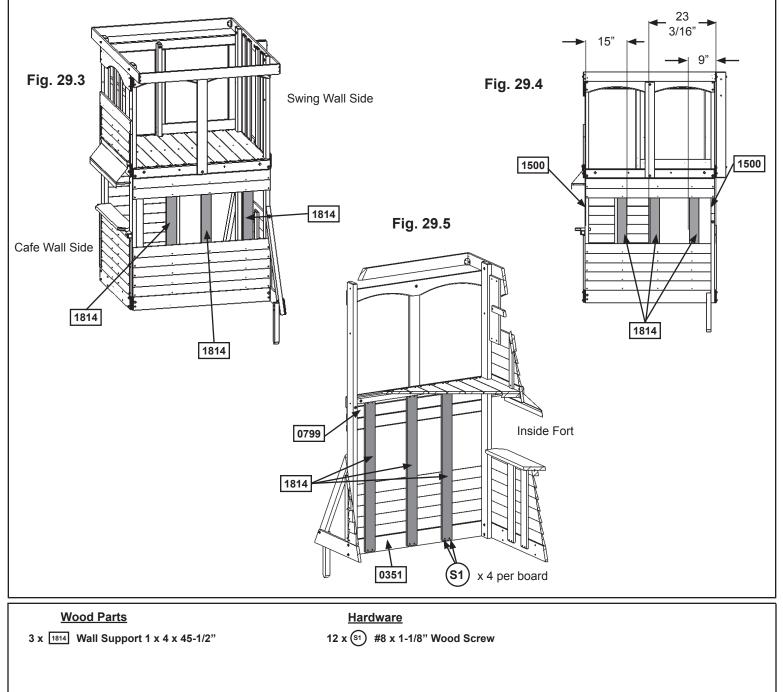
### Step 29: Lower Front Wall Assembly Part 2

**E:** Measure 15" from the outside edge of (1500) Post on the Cafe Wall side. From the inside of the assembly attach 1 (1814) Wall Support to (0799) Floor Back and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws as shown in fig. 29.3, 29.4 and 29.5.

**F:** Measure 9" from the outside edge of (1500) Post on the Swing Wall side. From the inside of the assembly attach 1 (1814) Wall Support to (0799) Floor Back and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws as shown in fig. 29.4 and 29.5.

**G:** Measure 23-3/16" from the outside edge of (1500) Post on the Swing Wall side. From the inside of the assembly attach 1 (1814) Wall Support to (0799) Floor Back and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws as shown in fig. 29.4 and 29.5.





## Step 29: Lower Front Wall Assembly Part 3



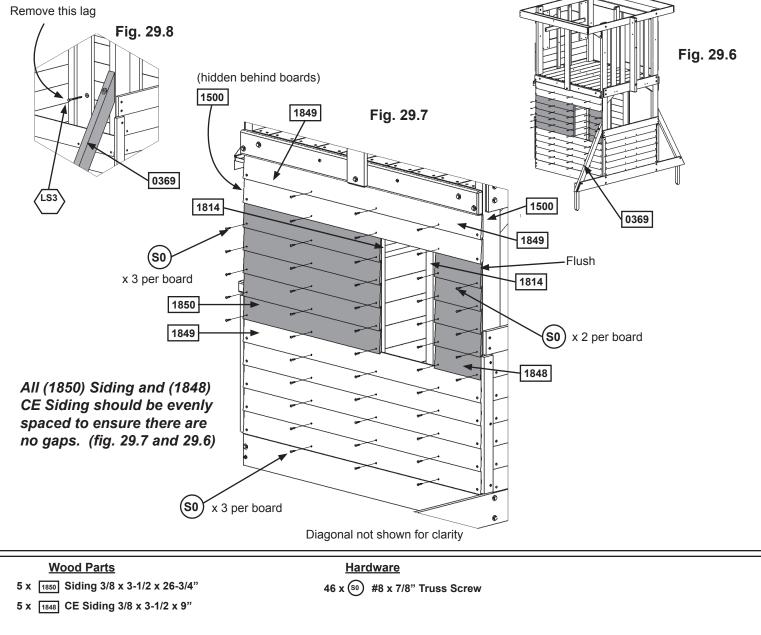
**H:** Install and evenly space 5 (1850) Siding in the large opening between (1849) Cedar Sidings, attaching to (1500) Post and 2 (1814) Wall Supports with 3 (S0) #8 x 7/8" Truss Screws per board. (1850) Siding should be flush to outside edge of (1500) Post. (fig. 29.6 and 29.7)

**I:** Remove the (LS3) 1/4 x 3" Lag Screw (with flat washer) from the top of (0369) Lower Diagonal and have a helper hold it to the right of the assembly while installing the next siding pieces. (fig. 29.6 and 29.7)

**J:** In the small opening between (1849) Cedar Sidings attach and evenly space 5 (1848) CE Siding flush to outside edge of (1500) Post and to (1814) Wall Support with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 29.6 and 29.7)

**K**: Pre-drill with a 1/8" drill bit though (1848) CE Siding then re-attach (0369) Lower Diagonal to (1500) Post with the previously removed (LS3) 1/4 x 3" Lag Screw (with flat washer).

L: Attach (1849) Cedar Siding to each (1814) Wall Support with 3 (S0) #8 x 7/8" Truss Screws per siding. (fig. 29.7)



#### Step 30: Attach Window to Fort

A: On the outside of the assembly place Door Window tight to the siding and from the inside of the assembly attach Door Window to (1848) CE Siding and (1850) Siding with the included hardware. (fig. 30.1 and 30.2) Fig. 30.1 Fig. 30.2 1814 Hardware installed here 1850 1848 Door Window · View from inside fort **Other Parts** 1 x Door Window (with included hardware)

#### Step 31: Attach Roof to Fort

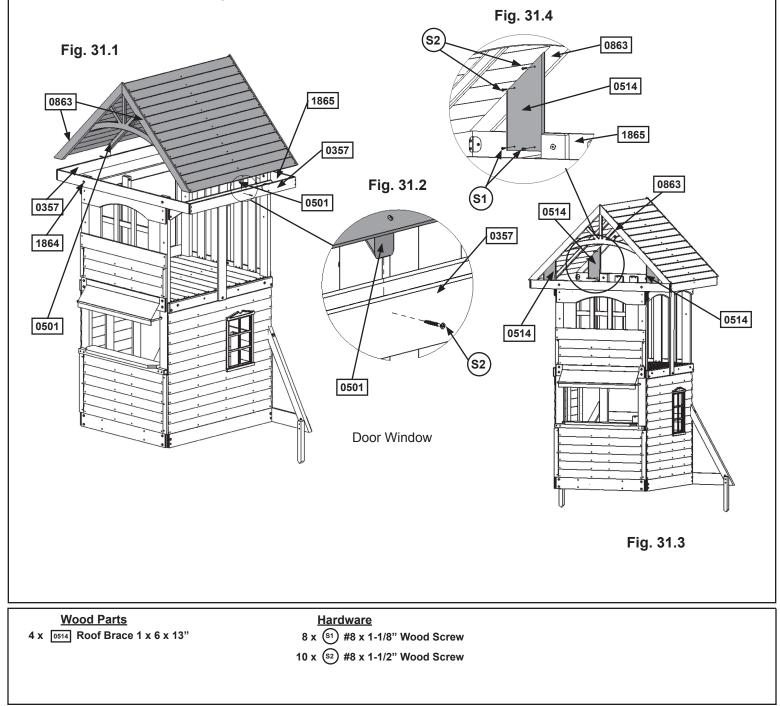


**A:** With two helpers place the Roof Assembly, from Step 9, on the fort as shown in fig. 31.1. The roof should be centred on the Roof Frame assembly and (0863) Roof Supports should be flush to the inside of the fort and resting on (1865) SW Roof Side and (1864) SL Roof Side. The (0501) Joists should fit tight to the inside of each (0357) Tarp Front Back.

**B:** Predrill and attach (0357) Tarp Front Back to (0501) Joists using 1 (S2) #8 x 1-1/2" Wood Screw per side. (fig. 31.1 and 31.2)

**C:** 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. 31.3 and 31.4)

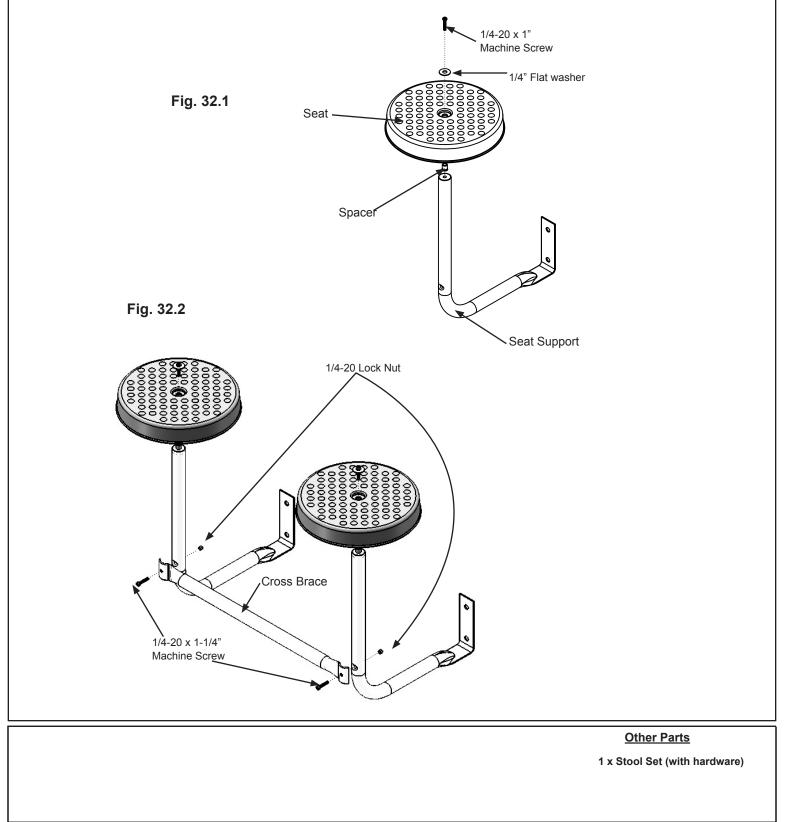
**D:** Attach each (0514) Roof Brace to (1865) SW Roof Side and (1864) SL Roof Side using 2 (S1) #8 x 1-1/8" Wood Screws per brace. (fig. 31.3 and 31.4)





**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. 32.1.

**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. 32.2)

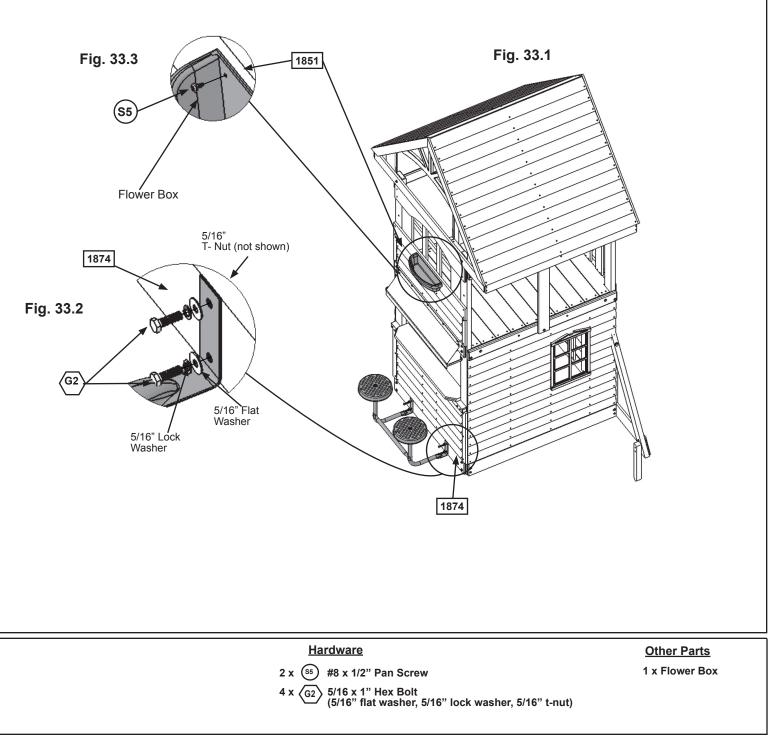


#### Step 33: Attach Stool Seat and Flower Box to Fort



**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. 33.1 and 33.2)

**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. 33.1 and 33.3.



#### Step 34: Monkey Ladder Assembly

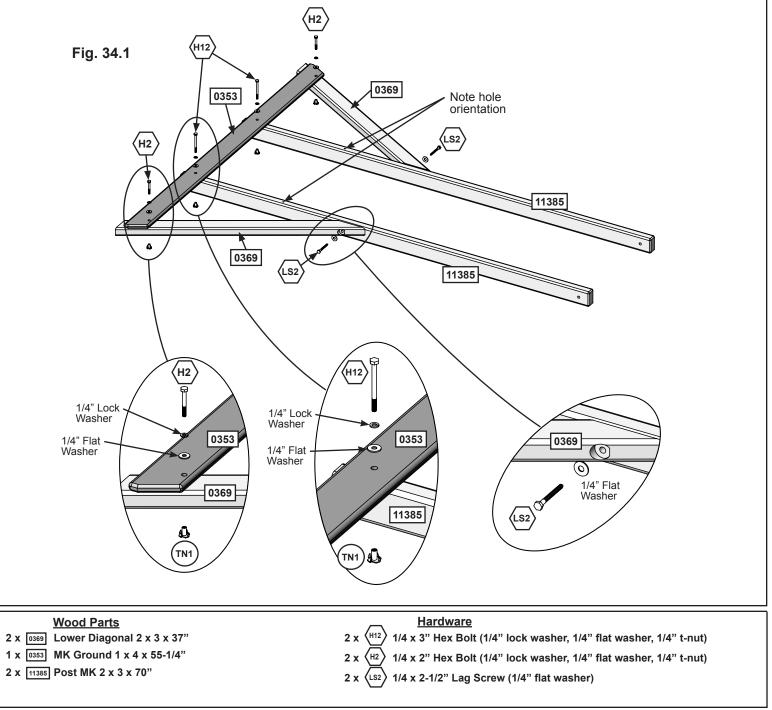


#### Note: Pre-drill all holes using a 1/8" drill bit before installing the Lag Screws.

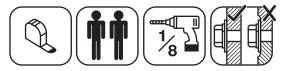
A: Place 2 (11385) Post MK's side by side taking note of the hole orientation.

**B:** At bottom of (11385) MK Posts attach (0353) MK Ground with 2 (H12) Hex Bolts (with lock washer, flat washer and t-nut). **Be sure to keep the bolts loose.** (fig. 34.1)

**C:** Make sure the assembly is square and then attach 1 (0369) Lower Diagonal to each end of (0353) MK Ground with 1 (H2) Hex Bolt (with lock washer, flat washer and t-nut) per diagonal, keeping the bolts loose, and to each (11385) Post MK with 1 (LS2) Lag Screw (with flat washer) per diagonal. Once lag screws are installed tighten all bolts from Steps B & C. (fig. 34.1)



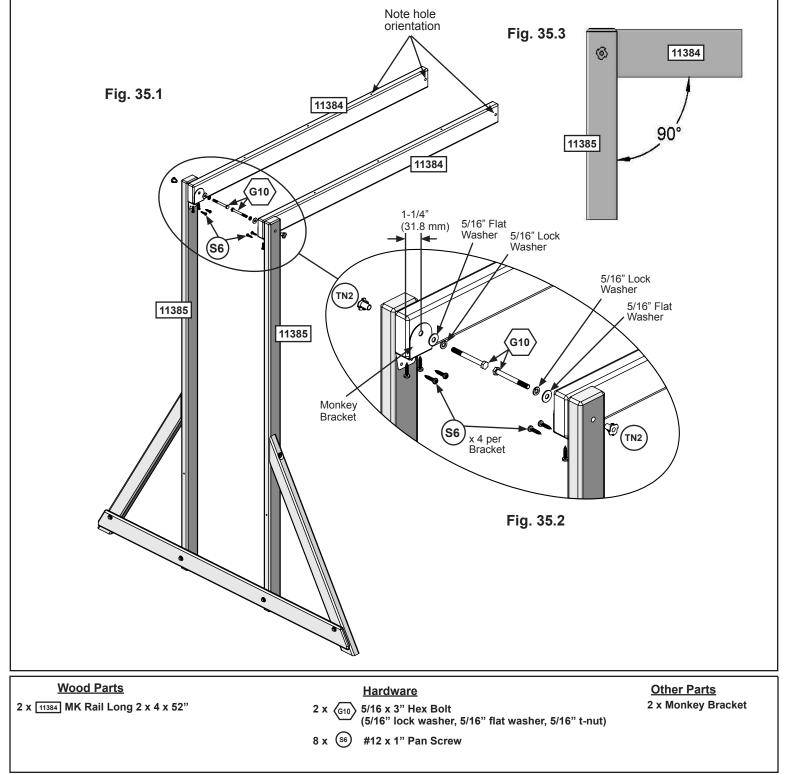
### **Step 35: Connect Monkey Bar Assemblies**



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

**A:** Using a Monkey Bracket connect both (11384) MK Rail Longs to each (11385) MK Post with 1 (G10) Hex Bolt (with lock washer, flat washer and t-nut) and Monkey Bracket to the rails using 2 (S6) Pan Screws per rail as shown in fig. 35.1 and 35.2. Be sure to attach the correct end, using the 1-1/4" measurement shown in fig. 35.2 as your guide. Note hole orientation.

**B:** Attach Monkey Bracket to both (11385) MK Posts with 2 (S6) #12 x 1" Pan Screws per bracket. (fig. 35.2)



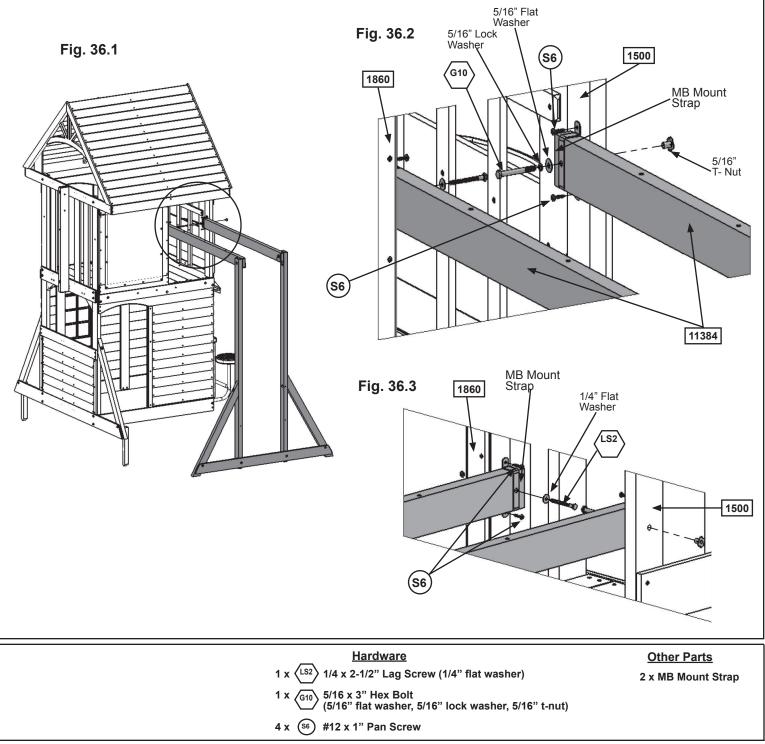
#### **Step 36: Connect Monkey Bar Assembly to Fort**



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

**A:** Using a MB Mount Strap attach (11384) MK Rail Long to (1500) Post with 1 (G10) 5/16 x 3" Hex Bolt (with lock washer, flat washer and t-nut) in the centre hole and 2 (S6) #12 x 1" Pan Screws in the 2 end holes as shown in fig. 36.1 and 36.2.

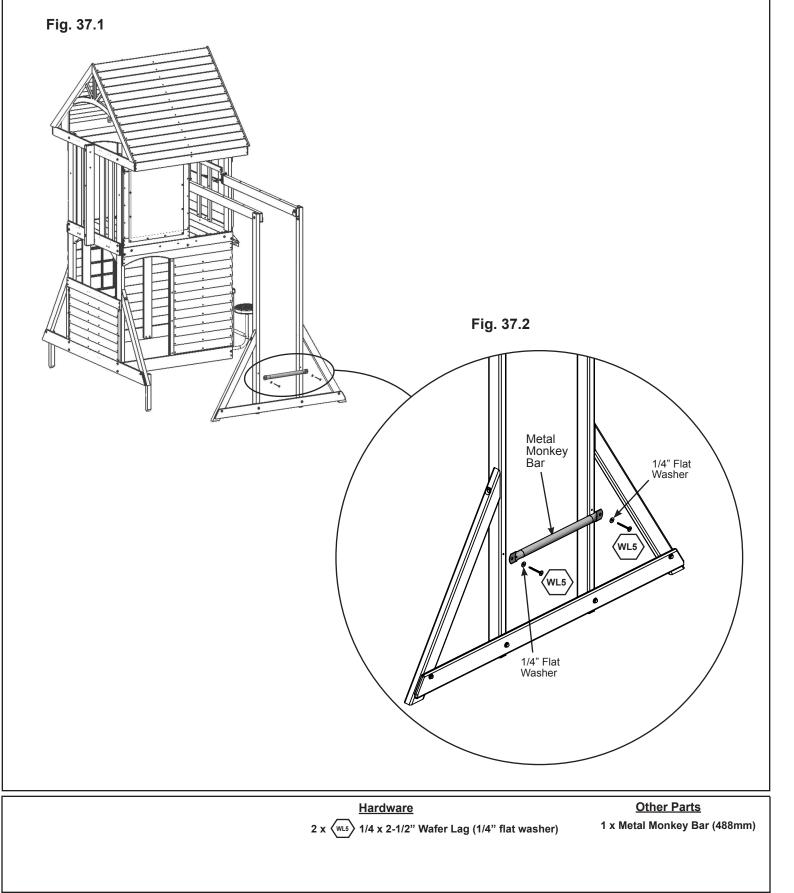
**B:** Make sure the Monkey Bar Assembly is level then using a MB Mount Strap attach (11384) MK Rail Long to (1860) MK Mount with 1 (LS2)  $1/4 \times 2-1/2$ " Lag Screw (with flat washer) in the centre hole and 2 (S6) #12 x 1" Pan Screws in the 2 end holes as shown in fig. 36.3.



#### Step 37: Monkey Bar Assemblies Part 1

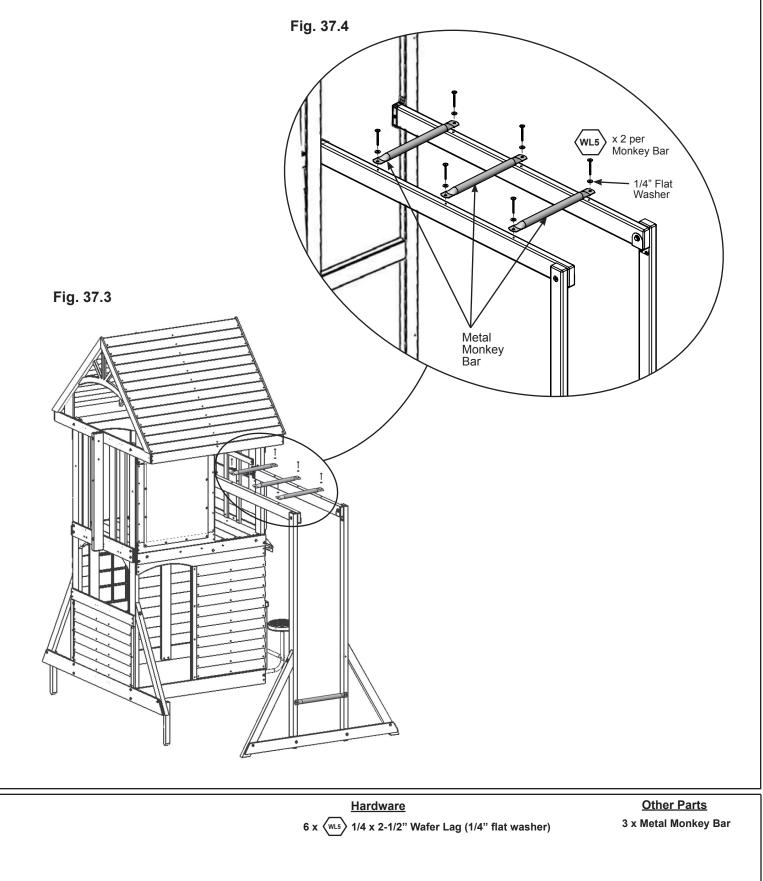


**A:** Attach Metal Monkey Bar (488mm) to the MK Post using 2 (WL5) Wafer Lags (with flat washer). (fig. 37.1 and 37.2).





**B:** Attach 3 Metal Monkey Bars to the rails using 2 (WL5) Wafer Lags (with flat washer) per bar. (fig. 37.3 and 37.4).



#### Step 38: Attach Monkey Bar Assembly Ground Stake

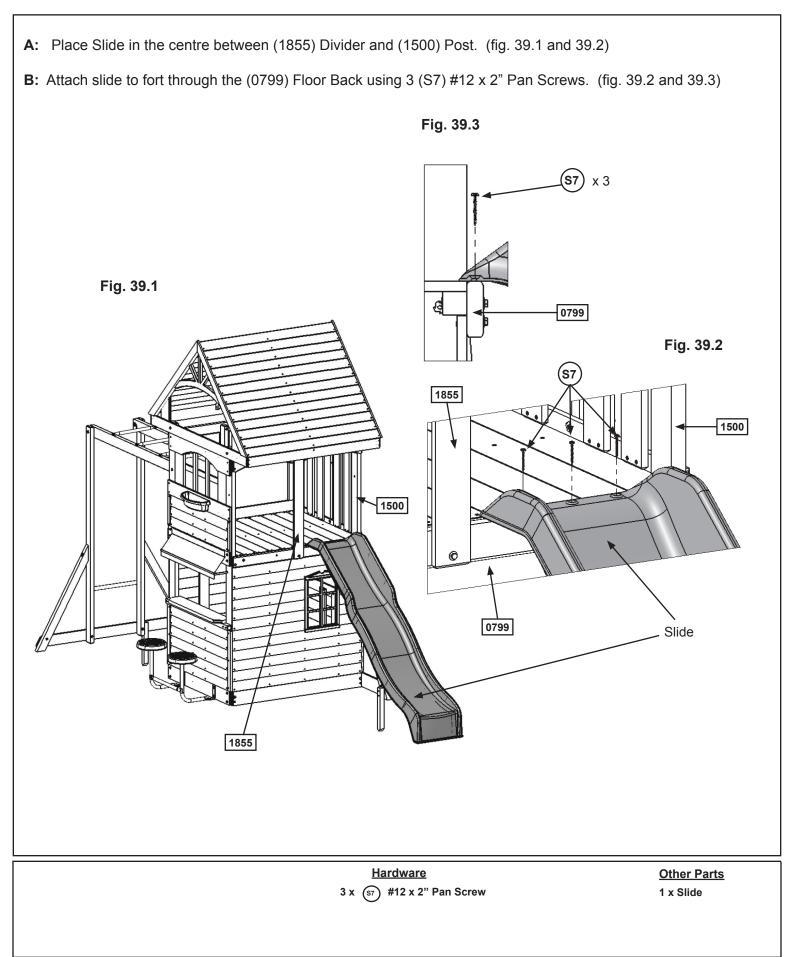
A: Drive 1 (0318) Ground Stake 10-1/2" into the ground at one (11385) Post MK on the inside of the assembly and attach with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 38.1 and 38.2) Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines. Fig. 38.1 Fig. 38.2 11385 10-1/2" In Ground 0318 Inside View

#### Wood Parts

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

Hardware 2 x (s3) #8 x 2-1/2" Wood Screw

#### Step 39: Attach Slide to Fort



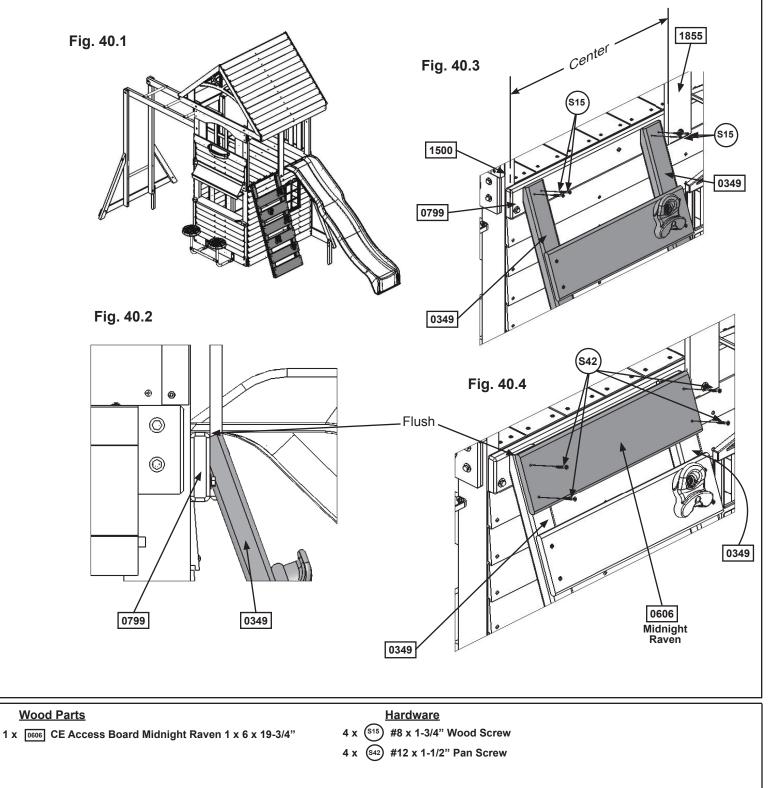
### Step 40: Attach Rock Rail to Fort



**A:** Place Rock Wall Assembly from Step 2 centred between (1500) Post and (1855) Divider and flush to top of (0799) Floor Back (fig. 40.1 and 40.2). Attach (0349) Rock Rails to (0799) Floor Back using 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 40.3.

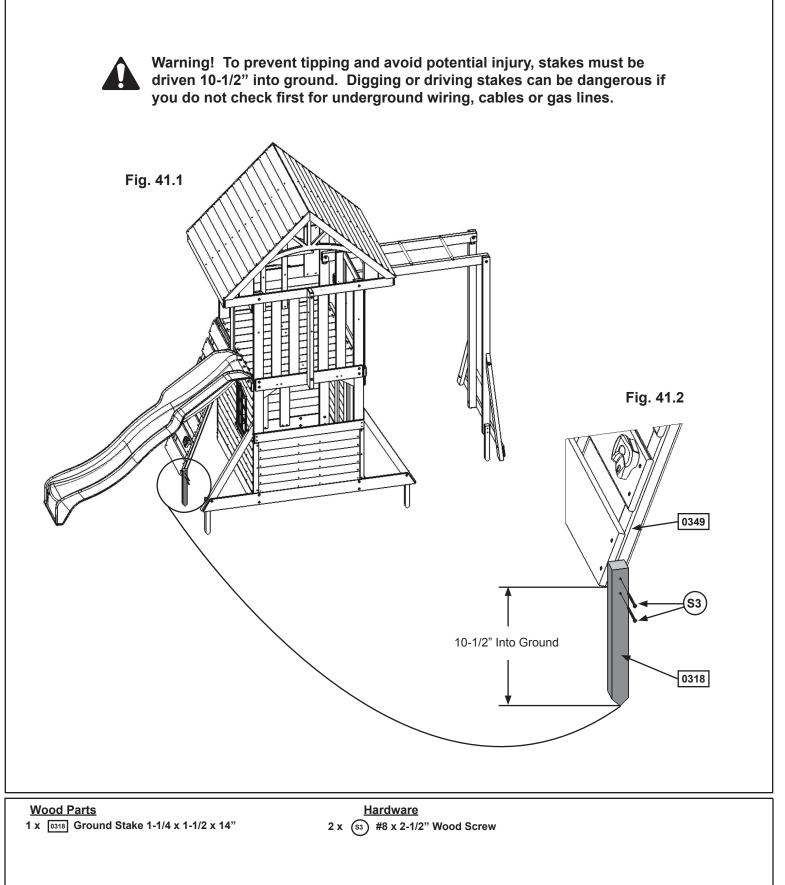
**B:** Attach (0606) CE Access Board Midnight Raven to top of Rock Wall Assembly, flush to top of (0349) Rock Rail using 4 (S42) #12 x 1-1/2" Pan Screws. (fig. 40.4)

Pre-drill each hole using a 1/8" drill bit for S42.



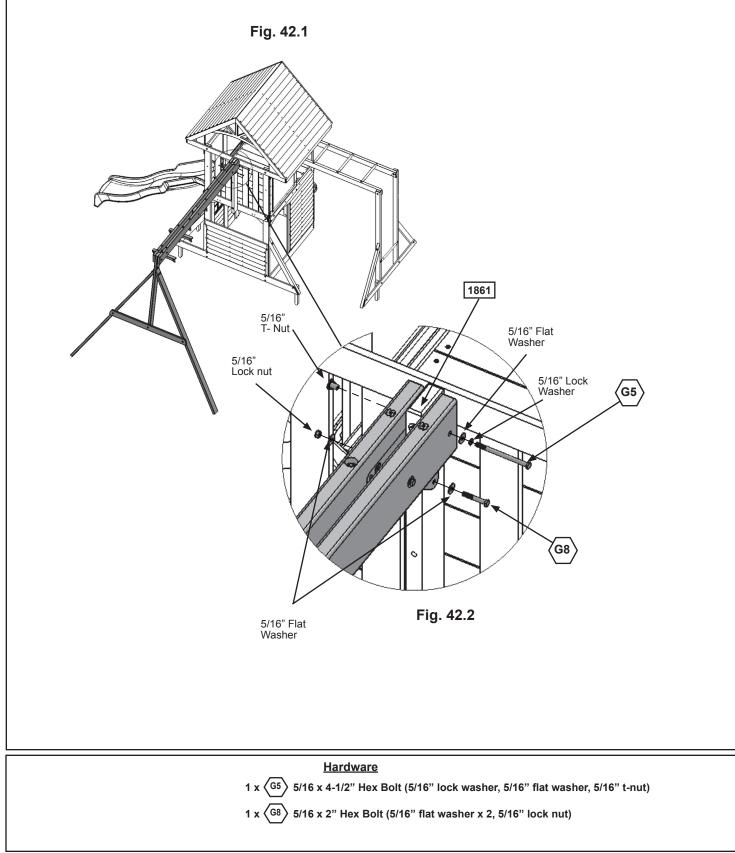
#### Step 41: Attach Rock Rail Ground Stake

**A:** Drive 1 (0318) Ground Stakes 10-1/2" into the ground at (0349) Rock Rail as shown in fig. 41.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 41.2)



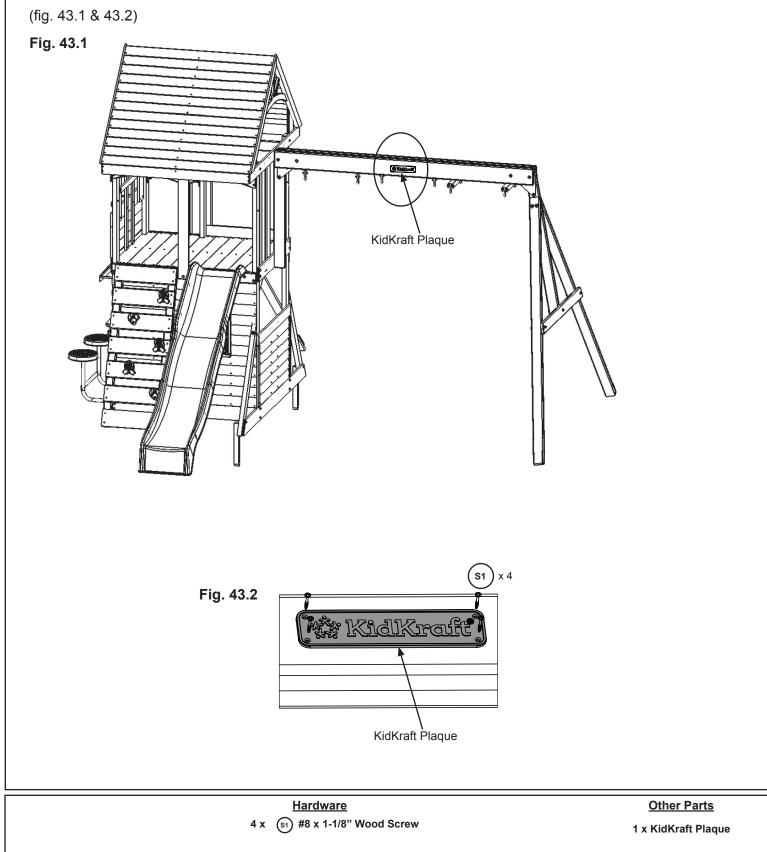


**A:** Attach Swing Assembly from Step 5 to (1861) SW Mount with 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) and 1 (G8) 5/16 x 2" Hex Bolt (with 2 flat washers and 1 lock nut) as shown in fig. 42.1 and 42.2.



### Step 43: Attach KidKraft Plaque

**A:** Attach KidKraft Plaque to centre of (1825) Back Beam (over top of t-nut) using 4 (S1) #8 x 1-1/8" Wood Screw



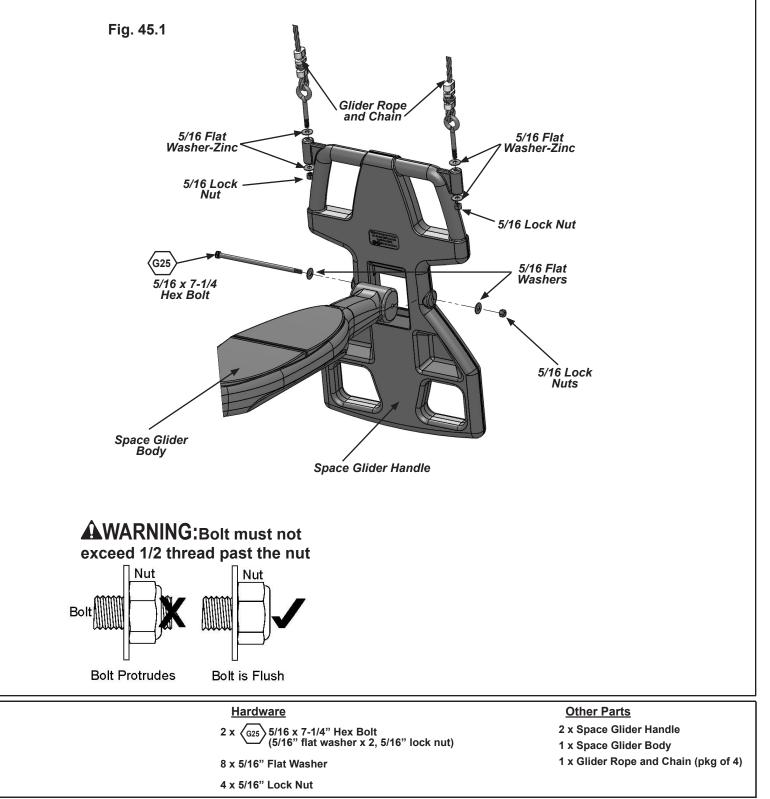
#### **Step 44: Attach Swing Ground Stakes**

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. 44.1 and 44.2) 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. 44.1 1863 1863 Fig. 44.2 10-1/2" Into Ground 0318 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

### Step 45: Glider Assembly

**A:** Attach 1 Space Glider Handle to the Space Glider Body using 1 (G25) 5/16 x 7-1/4" Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Space Glider Handle. (fig. 45.1)

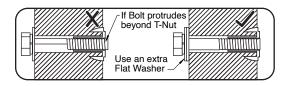
**B:** Install 2 Glider Rope with Chains into each Space Glider Handle using 2 - 5/16" Flat Washers and 1 Lock Nut per rope. (fig. 45.1)



### **Step 46: Attach Glider and Swings**

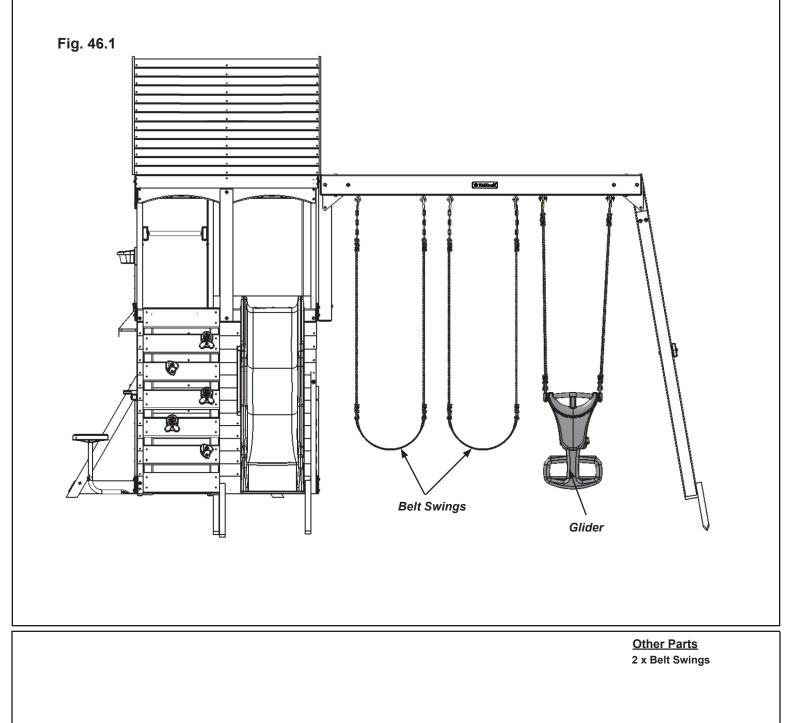


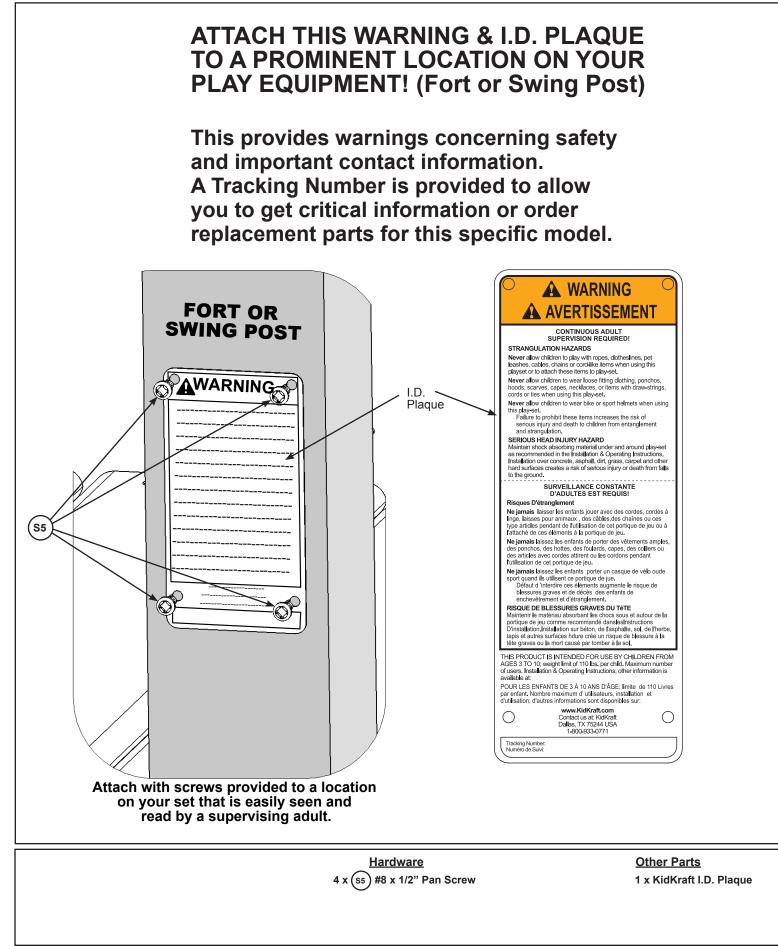
Warning! Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Connect the assembled Glider to the Glider Hangers previously installed. (fig. 46.1)

**B:** Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 46.1)





### **3 EASY WAYS TO REGISTER YOUR PRODUCT 24/7**

1) Scan this QR Code with your smartphone to complete your product registration directly from your phone:

2) Complete the registration online at: <u>https://www.kidkraft.com/us\_en/warranty/</u>

3) Mail this completed form to: Backyard Kids, LLC DBA KidKraft
 317 S. Main St. Ann Arbor, MI 48104
 Make sure to include a copy of your proof of purchase



KIDKRAFT Consumer Registration Card		
First Name Initial Last Name		
Street		Apt. No.
City		State/Province ZIP/Postal Code
Country		Telephone Number
E-Mail Address		
Model Number Model Name		Model Number & Name example
		F24145 AINSLEY PLAY SYSTEM
Purchased From		Date Purchase
		MM / DD / YY
Serial Number (on ID Plaque)		MM / DD / YY
Box #:1 of	Box #:	_4 of Box # (Ex: B29410 1of 6)
Box #:2 of	Box #:	_5 of <b>1</b> OF <b>C</b>
Box #: 3 of	Box #:	DE <b>B29410</b>

For common questions or for information on ordering replacement parts:



Help Center: https://kidkraft.zendesk.com/hc/en-us/