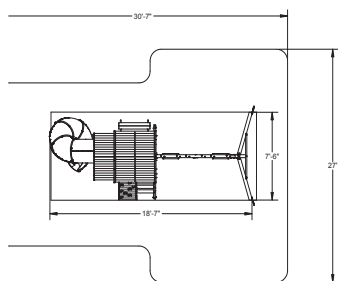


# RICHMOND LODGE – F25685X

## 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 - 9.32 x 8.23 m (30' 7" x 27') area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 2.06 m (6' 9")

CAPACITY - 10 Users Maximum, Ages 3 to 10; Weight Limit 49.9 kg (110 lbs.) per child.

RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks.



**10 - 12 Hrs**  
FOR FORT & SWING

**TWO PERSON**  
**ASSEMBLY**



Cedar Summit by KidKraft

4630 Olin Road

Dallas, TX 75244, United States

customersupport@kidkraft.com

Online Parts Replacement:

Cedarsummitplay.com/parts-center-warranty-claim

Customer Service:

1(800) 933-0771 or (972) 385-0100

KidKraft Netherlands BV

Olympisch Stadion 29

1076DE Amsterdam, The Netherlands

Europe Customer Service: +31 (0)20 305 8620

europecustomerservice@kidkraft.com

EU Online Parts Replacement: parts.kidkraft.eu

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Installation of I.D./Warning Plaque ..... Final Step

## Warnings and Safe Play Instructions



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



### WARNING

#### SERIOUS HEAD INJURY HAZARD

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

#### COLLISION HAZARD

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

#### CHOKING HAZARD/SHARP EDGES & POINTS

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

#### WARNING LABEL

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

#### STRANGULATION HAZARD

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

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

#### TIP OVER HAZARD

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

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



### WARNING – Safe Play Instructions

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

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

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

## Loose-Fill Materials

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

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

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

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

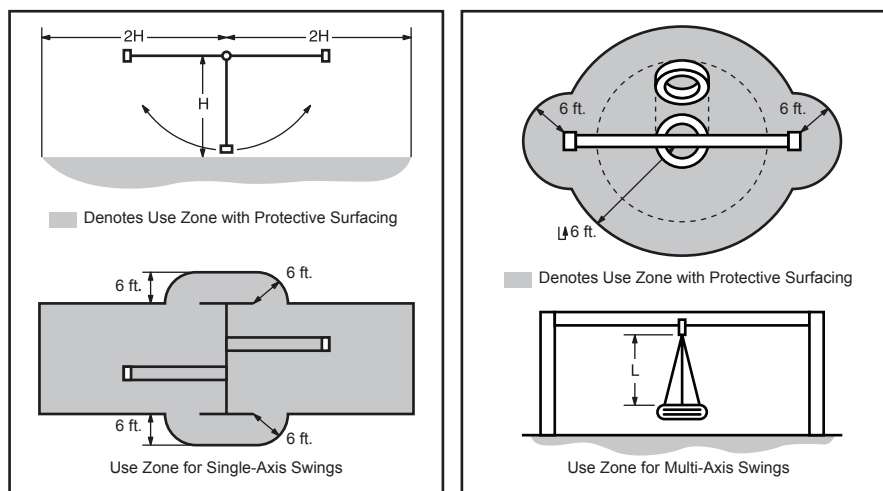
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

## Placement

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

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

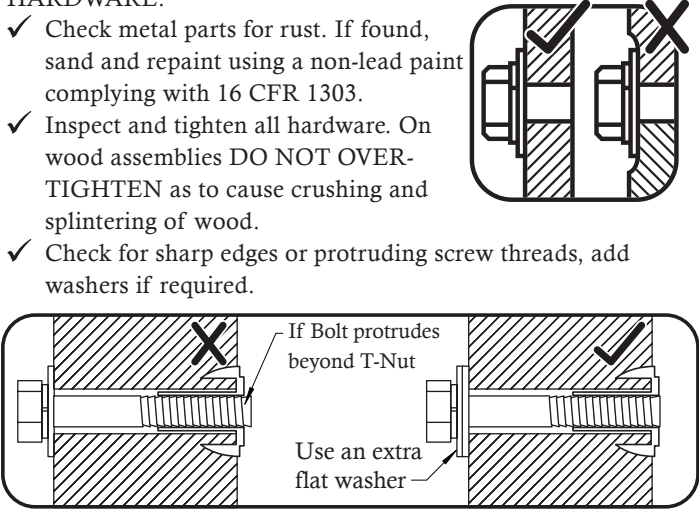




# Instructions for Proper Maintenance

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

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

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.</li> <li>✓ Inspect and tighten all hardware. On wood assemblies <b>DO NOT OVER-TIGHTEN</b> as to cause crushing and splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads, add washers if required.</li> </ul>  <p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ 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)</li> </ul>	<p><b>GROUND STAKES (ANCHORS):</b></p> <ul style="list-style-type: none"> <li>✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.</li> </ul> <p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul> <p><b>SWINGS, ROPES AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.</li> </ul> <p><b>WOOD PARTS:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.</li> </ul>
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## Check twice a month during play season:

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Inspect for tightness. Must be firmly against, but not crushing the wood. <b>DO NOT OVER-TIGHTEN.</b> This will cause splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads. Add washers if required.</li> </ul>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ 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)</li> </ul>
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## Check once a month during play season:

<p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul>	<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.</li> </ul>
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## Check at the end of the play season:

<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <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>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ 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)</li> </ul>
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**If you dispose of your play set:** Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.



# About Our Wood

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

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

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

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

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

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

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

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

## 5 Year Limited Warranty

Cedar Summit by KidKraft 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:

- Labour 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.

Cedar Summit by KidKraft 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. Cedar Summit by KidKraft 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 Cedar Summit by KidKraft 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.

Cedar Summit by KidKraft disclaims all other representations and warranties of any kind, express or implied.

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

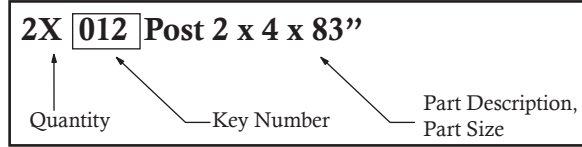
# Keys to Assembly Success

## Tools Required

<ul style="list-style-type: none"> <li>• Tape Measure</li> <li>• Carpenters Level</li> <li>• Carpenters Square</li> <li>• Claw Hammer</li> <li>• Standard or Cordless Drill</li> </ul>	<ul style="list-style-type: none"> <li>• #1 Phillips, #2 Robertson and Screwdriver</li> <li>• Ratchet with extension (1/2" &amp; 9/16" sockets)</li> </ul>	<ul style="list-style-type: none"> <li>• Open End Wrench (1/2" &amp; 9/16")</li> <li>• Adjustable Wrench</li> <li>• 1/8" &amp; 3/16" Drill Bits</li> </ul>	<ul style="list-style-type: none"> <li>• 3/16" Hex Key</li> <li>• 8' Step Ladder</li> <li>• Safety Glasses</li> <li>• Adult Helpers</li> <li>• Pencil</li> </ul>
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## 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.



**Key Number:** The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

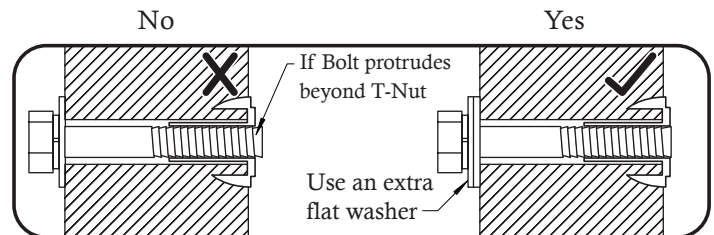
## Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>		<p>Check that set or assembly is properly level before proceeding.</p> <p><b>Use Level</b></p>
<p><b>Use Help</b></p>	<p><b>Use Help</b></p>	<p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>
<p><b>Measure Distance</b></p>	<p><b>Check that assembly is square before tightening bolts.</b></p>	<p><b>Square Assembly</b></p>
<p>Pre-drill 1/8" &amp; 3/16" Bit</p> <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p>		<p><b>Tighten Bolts</b></p> <p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>

## CAUTION – Protrusion Hazard

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

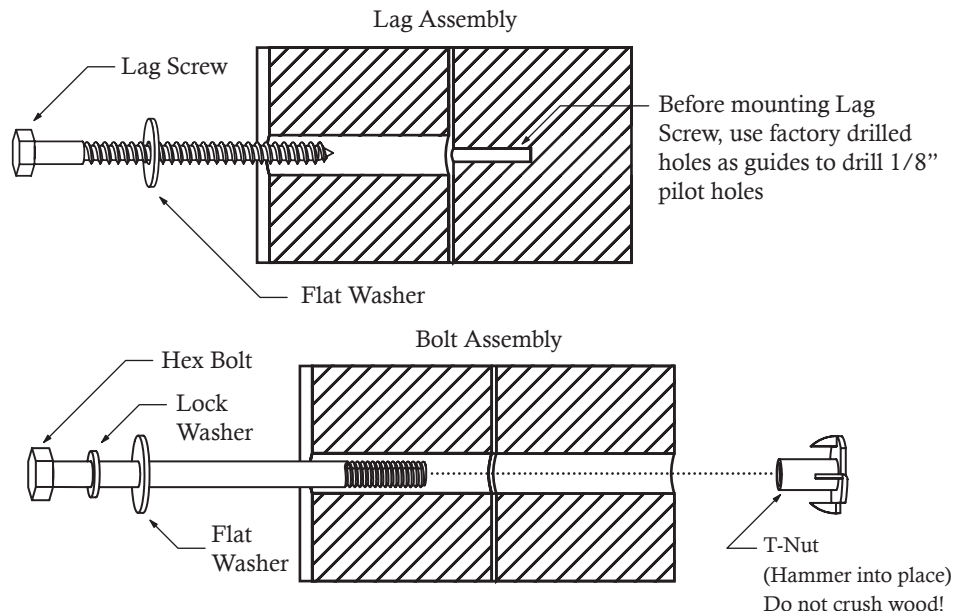


## Proper Hardware Assembly

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

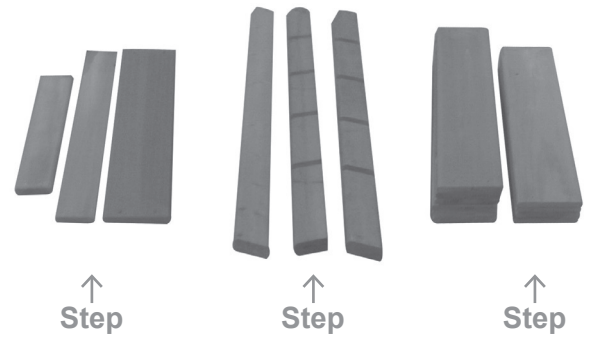
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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



# Your Key To Quick Assembly

## SORTING WOOD PARTS INTO EACH ASSEMBLY STEP WILL SAVE TIME!



### SAVE TIME - TIP #1:

Open each box with wood parts and look for the Key Number stamped on the end of the wood part (see chart below). Sort each wood part into the different assembly steps.

<b>2X</b>	<b>012</b>	<b>Post</b>	<b>2 x 4 x 83"</b>
↑	↑	↑	↑
Part Quantity	Key Number	Part Description	Part Size

Step Number (This is Step 1)	012	Order Listed (The order the part is listed in step 1)
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**Key Number:** The first two digits represent the step number. The third digit represents the order in which the part is listed in the step.

*Note that if the part is used in multiple steps then the key number only reflects the first step it is used in.*

### SAVE TIME - TIP #2:

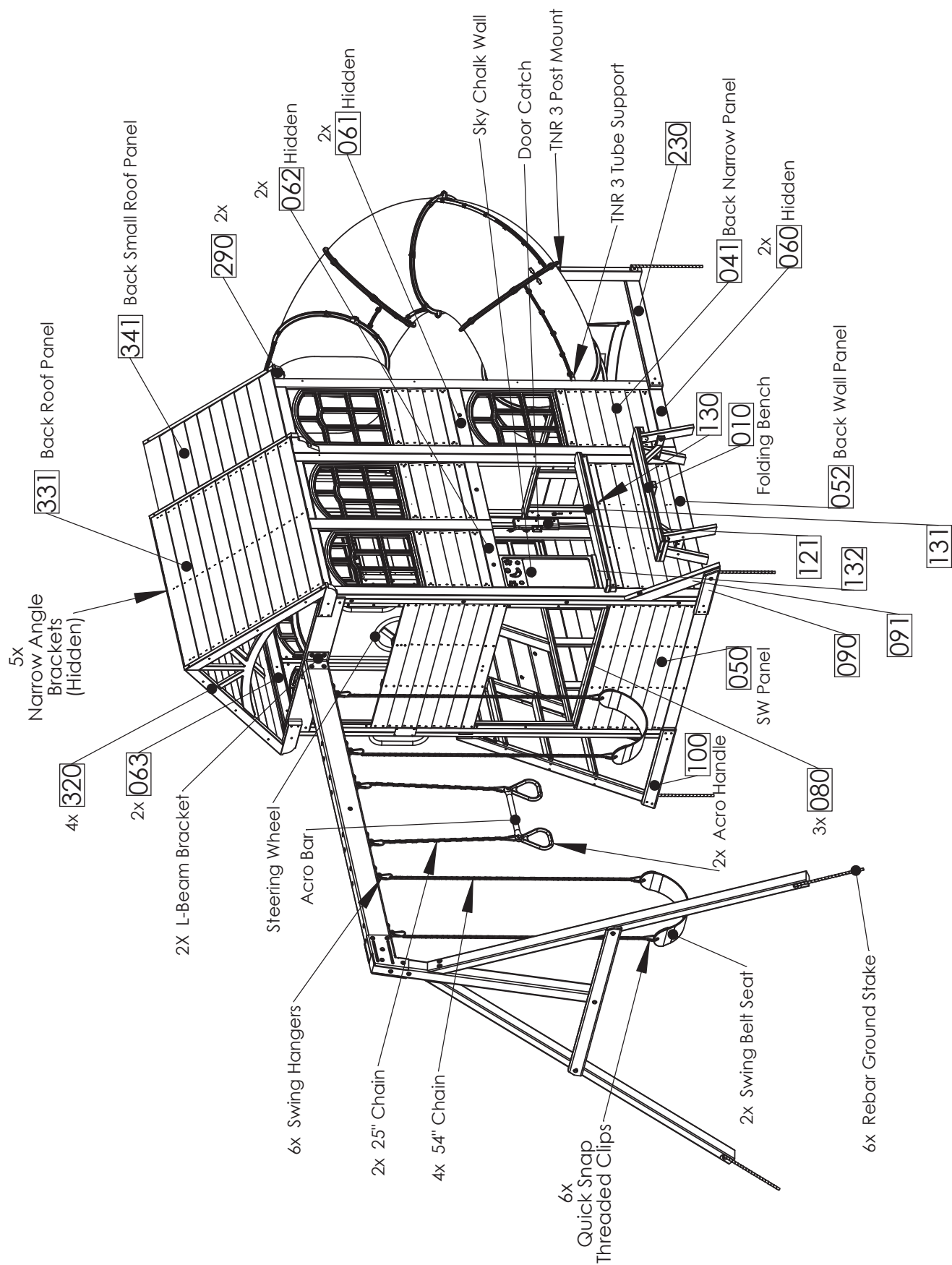
In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

### HARDWARE:

The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.

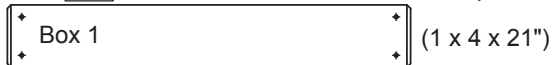






# Part Identification (Reduced Part Size)

**1pc. - [023]** - 15.9 x 82.6 x 533.4 - Ladder Gap - 3638958



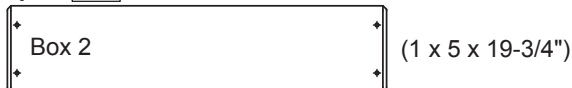
**1pc. - [025]** - 15.9 x 82.6 x 1000.1 - RW-AL Support - 3638962



**1pc. - [072]** - 15.9 x 85.7 x 1031.9 mm - Floor Board - 3632648



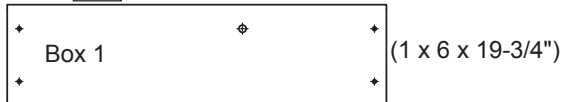
**1pc. - [031]** - 15.9 x 114.3 x 501.7mm - Wall Board - 3632406



**13pc. - [070]** - 15.9 x 114.3 x 1031.9mm - Floor Board 1 x 5 x 40-5/8" - 3632609



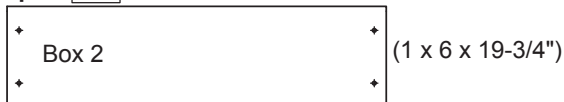
**4pc. - [032]** - 15.9 x 133.4 x 501.7 mm - Rock Board A - 3632603



**4pc. - [033]** - 15.9 x 133.4 x 501.7mm - Rock Board B - 3632604



**1pc. - [030]** - 15.9 x 133.4 x 501.7 mm - Access Board - 3632605



**1pc. - [370]** - 15.9 x 136.5 x 1066.8 mm - Bottom Gable - 3638964



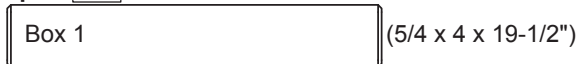
**3pc. - [080]** - 23.8 x 57.2 x 1006.5 mm - SW Table Top - 3638960



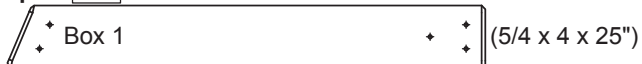
**1pc. - [090]** - 23.8 x 82.6 x 362 mm - SW Ground - 3632606



**3pc. - [022]** - 23.8 x 82.6 x 495.3 mm - Tread - 3638957



**1pc. - [100]** - 23.8 x 82.6 x 635 mm - RW-AL Ground Brace - 3638959



**1pc. - [152]** - 23.8 x 82.6 x 1181.1mm - SW Support - 3632616



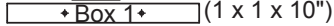


# Part Identification (Reduced Part Size)

1pc. - **131** - 23.8 x 108 x 1006.5mm - Table Top 5/4 x 5 x 39-5/8" - 3632611



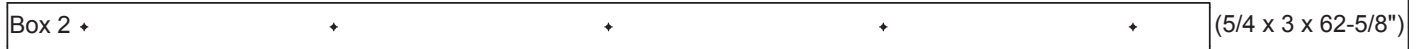
1pc. - **132** - 25.4 x 25.4 x 254mm - Chalkwall Block - 3638961



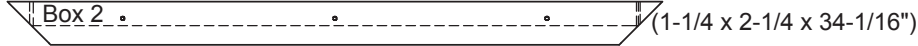
1pc. - **121** - 25.4 x 63.5 x 254mm - Door Stop - 3632715



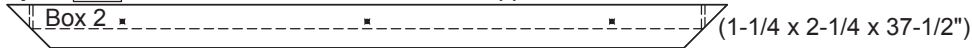
2pc. - **063** - 25.4 x 63.5 x 1590.7mm - Wall Tie - 3632683



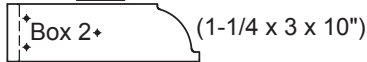
2pc. - **321** - 31.8 x 57.2 x 866.4mm - Roof Support - 3632680



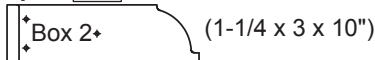
4pc. - **320** - 31.8 x 57.2 x 952.5mm - Roof Support - 3632617



2pc. - **290** - 31.8 x 76.2 x 254mm - Roof End - 3632646



2pc. - **291** - 31.8 x 76.2 x 254mm - Roof End Left - 3632647



1pc. - **200** - 31.8 x 76.2 x 400mm - SL Gusset - 3638934



1pc. - **231** - 31.8 x 76.2 x 514.4mm - TNR Upright - 3638965



1pc. - **091** - 31.8 x 76.2 x 558.8mm - Diagonal - 3632607



1pc. - **230** - 31.8 x 76.2 x 819.2mm - TNR Ground Brace - 3638963



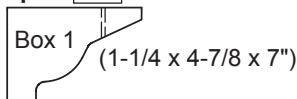
2pc. - **060** - 31.8 x 76.2 x 1035.1mm - Floor Joist - 3632608



1pc. - **071** - 31.8 x 76.2 x 1590.7mm - Long Floor Joist - 3632681



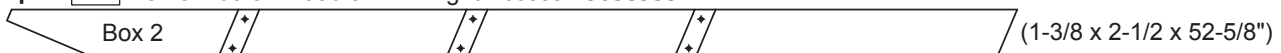
2pc. - **310** - 31.8 x 123.8 x 177.8mm - Mid Roof End - 3632684



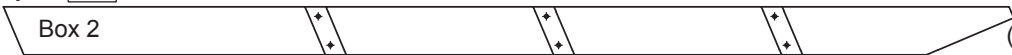
1pc. - **024** - 34.9 x 63.5 x 1336.5mm - Rock Rail - 3638954





1pc. - **021** - 34.9 x 63.5 x 1336.5mm - Right Access - 3638955




# Part Identification (Reduced Part Size)


1pc. - **[020]** - 34.9 x 63.5 x 1336.5mm - Left Access - 3638956  
  
Box 2 (1-3/8 x 2 1/2 x 52-5/8")

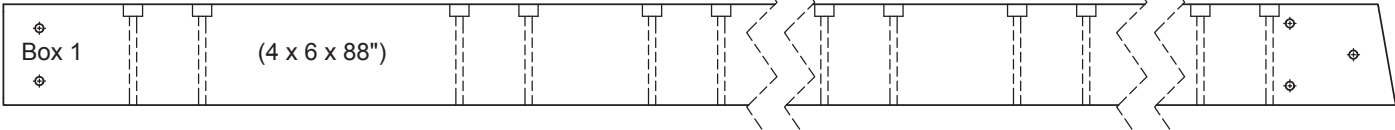
2pc. - **[062]** - 38.1 x 38.1 x 562mm - Short Side Joist - 3632682  
  
Box 1 (2 x 2 x 22-1/8")

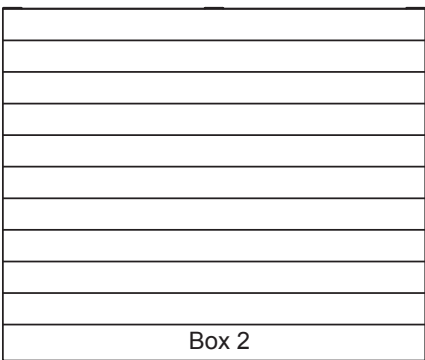
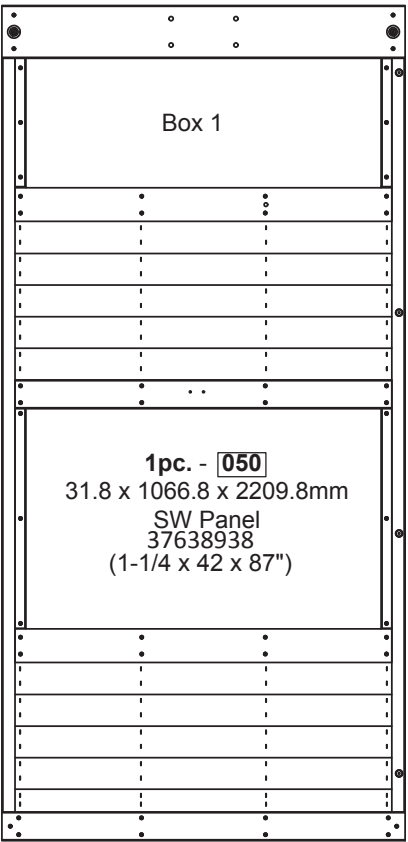
1pc. - **[130]** - 38.1 x 38.1 x 1006.5mm - Table Support - 3632612  
  
Box 2 (2 x 2 x 39-5/8")

2pc. - **[061]** - 38.1 x 38.1 x 1022.4mm - Side Joist - 3632610  
  
Box 2 (2 x 2 x 40-1/4")

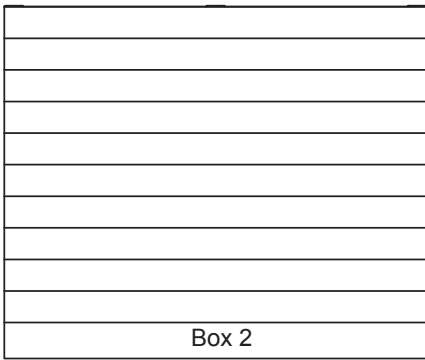
2pc. - **[150]** - 50.8 x 76.2 x 2201.9mm - Heavy SW Post - 3632613  
  
Box 2 (2 x 3 x 86-11/16")

1pc. - **[151]** - 76.2 x 76.2 x 1294.3mm - SW Upright - 3632615  
  
Box 2 (4 x 4 x 50-15/16")

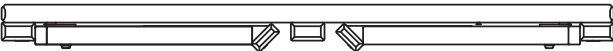
1pc. - **[140]** - 76.2 x 133.4 x 2235.2mm - Beam SW - 3638953  
  
Box 1 (4 x 6 x 88")



1pc. - **[330]** - 31.8 x 939.8 x 1117.6mm  
Front Roof Panel  
37632644  
(1-1/4 x 37 x 44")

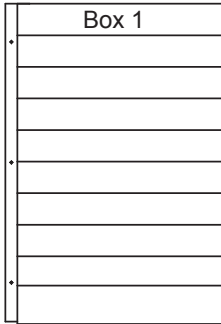


1pc. - **[331]** - 31.8 x 933.5 x 1117.6mm  
Back Roof Panel  
37632639  
(1-1/4 x 36-3/4 x 44")

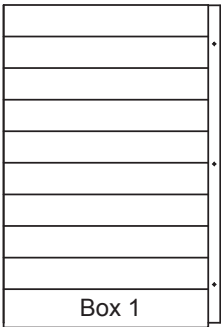
1pc. - **[010]** - 61.1 x 171.5 x 863.6mm - Folding Bench - 37632658  
  
(2-13/32 x 6-3/4 x 34") Box 1

# Part Identification (Reduced Part Size)

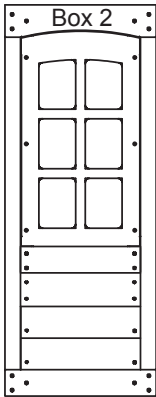
1pc. - [340]  
31.8 x 573.1 x 854.1mm  
Front Small Roof Panel  
37632672  
(1-1/4 x 22-9/16 x 33-5/8")



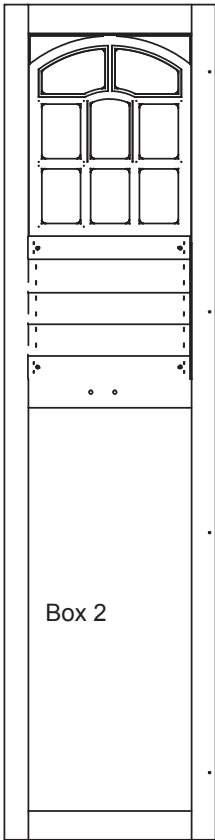
1pc. - [341]  
31.8 x 573.1 x 854.1mm  
Back Small Roof Panel  
37632671  
(1-1/4 x 22-9/16 x 33-5/8")



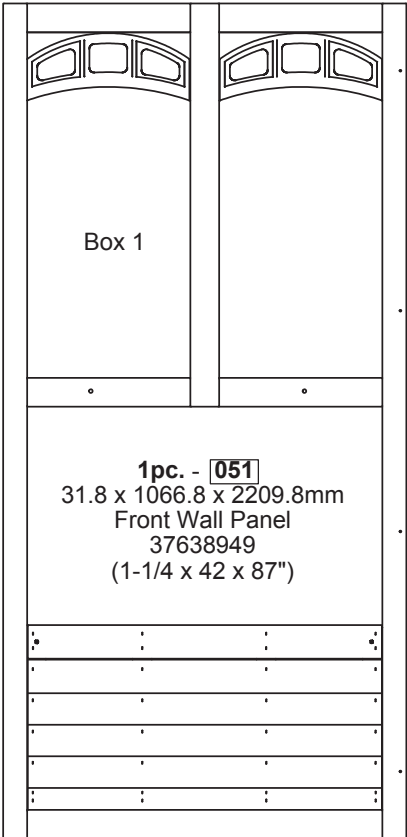
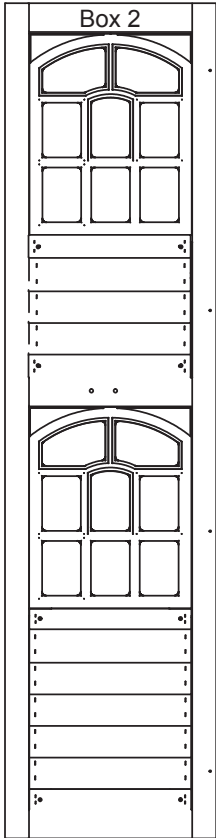
1pc. - [120]  
31.8 x 400.1 x 1035.1mm  
Door Window Panel  
37602718B  
(1-1/4 x 15-3/4 x 40-3/4")



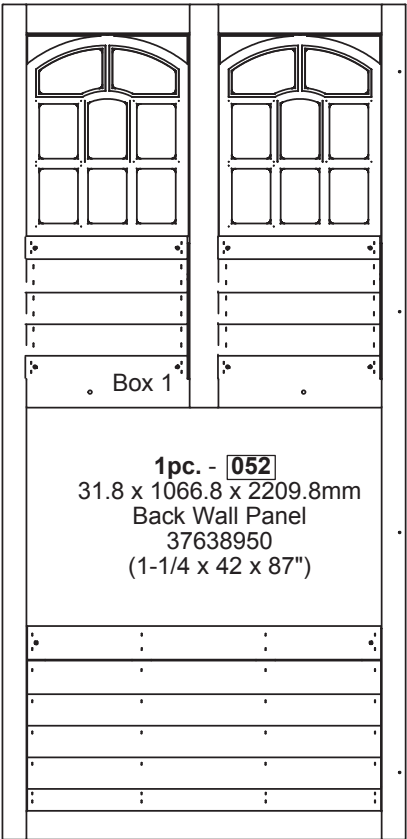
1pc. - [042]  
31.8 x 558.8 x 2209.8mm  
Front Narrow Panel  
37638951  
(1-1/4 x 22 x 87")



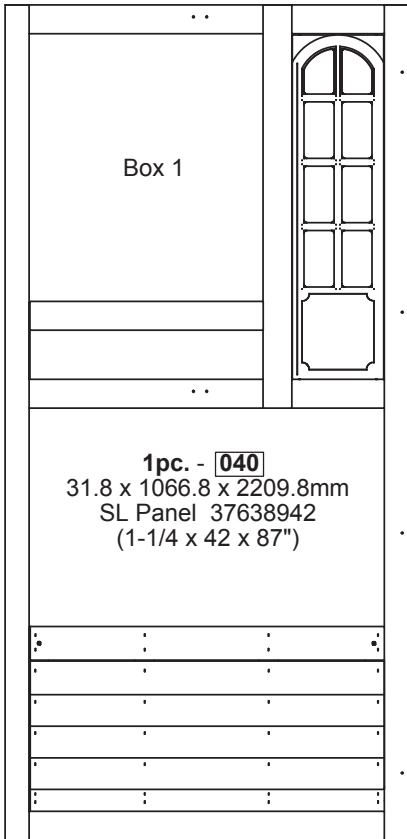
1pc. - [041]  
61.1 x 558.8 x 2209.8mm  
Back Narrow Panel  
37638952  
(1-1/4 x 22 x 87")



1pc. - [051]  
31.8 x 1066.8 x 2209.8mm  
Front Wall Panel  
37638949  
(1-1/4 x 42 x 87")



1pc. - [052]  
31.8 x 1066.8 x 2209.8mm  
Back Wall Panel  
37638950  
(1-1/4 x 42 x 87")

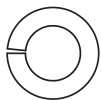


1pc. - [040]  
31.8 x 1066.8 x 2209.8mm  
SL Panel 37638942  
(1-1/4 x 42 x 87")

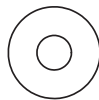


# Hardware Identification (Actual Size)

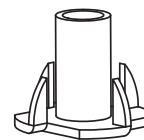
5pc. **LW2** - 5/16" Lock Washer - (51303300)



8pc. **FW0** - 3/16" Flat Washer - (51103100)



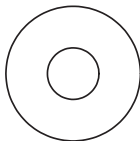
12pc. **TN1** - 1/4" T - Nut  
(54503200)



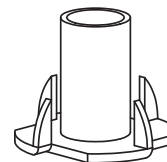
20pc. **LW1** - 1/4" Lock Washer - (51303200)



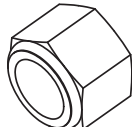
36pc. **FW1** - 1/4" Flat Washer - (51103200)



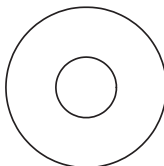
8pc. **TN2** - 5/16" T- Nut - (54503300)



23pc. **LN2** - 5/16" Lock Nut - (54303300)



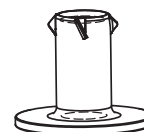
56pc. **FW2** - 5/16" Flat Washer - (51103300)



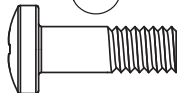
95pc. **LN1** - 1/4 Lock Nut - (54303200)



8pc. **BN1** - 1/4" Barrel Nut - (54803200)



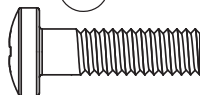
94pc. **PB1** - Pan Bolt 1/4 x 3/4"  
- (53453203)



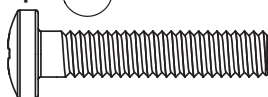
8pc. **FW6** - #12 Screw Bezel - (9299500)



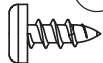
1pc. **PB6** - Pan Bolt 1/4 x 1" - (53413210)



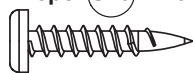
9pc. **PB2** - Pan Bolt 1/4 x 1-1/4"  
- (53433212)



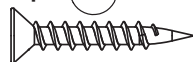
30pc. **S13** - Pan Screw #6 x 5/8" - (52413908)



13pc. **S10** - Pan Screw #8 x 1"  
- (52433510)



11pc. **S18** - Wood Screw #6 x 1" - (52013910)



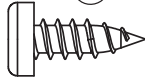
127pc. **S2** - Wood Screw #8 x 1-1/2" - (52043512)



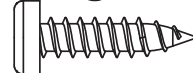
75pc. **S11** - Wood Screw #8 x 2" - (52043520)



32pc. **S8** - Pan Screw #12 x 3/4" - (52433603)



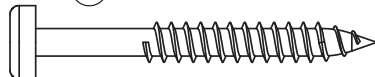
23pc. **S6** - Pan Screw #12 x 1"  
- (52433610)



34pc. **S3** - Wood Screw #8 x 2-1/2" - (52043522)



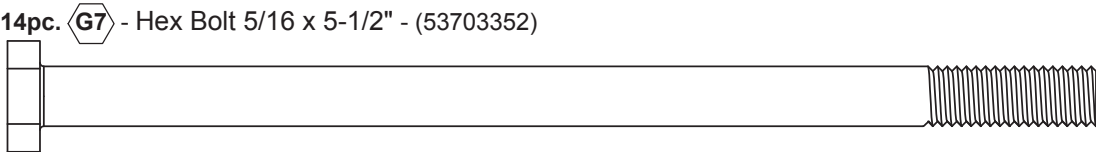
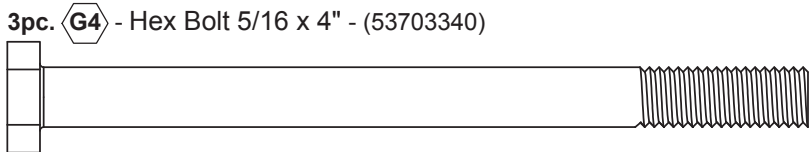
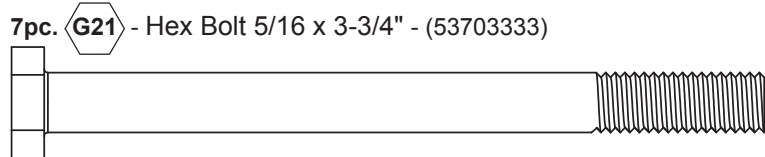
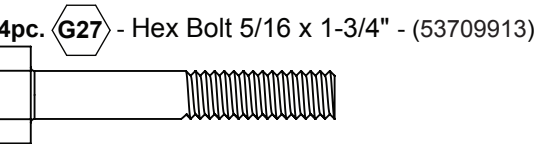
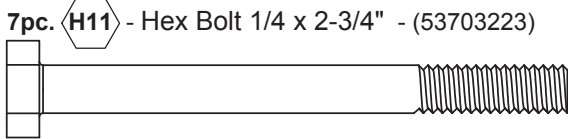
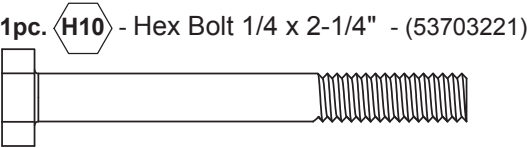
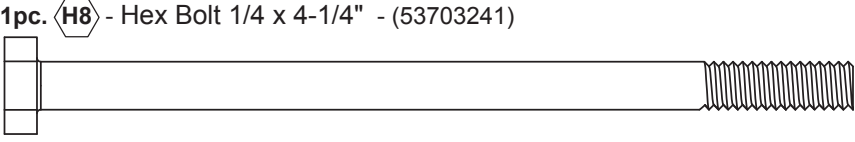
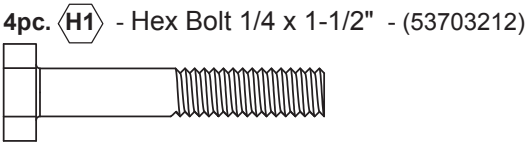
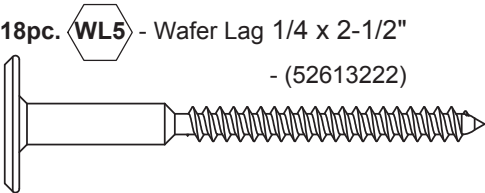
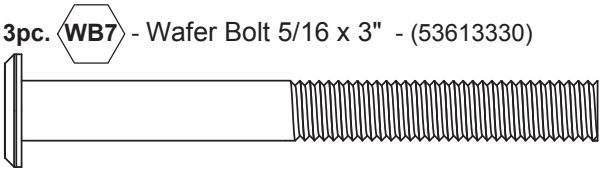
22pc. **S7** - Pan Screw #12 x 2" - (52433620)



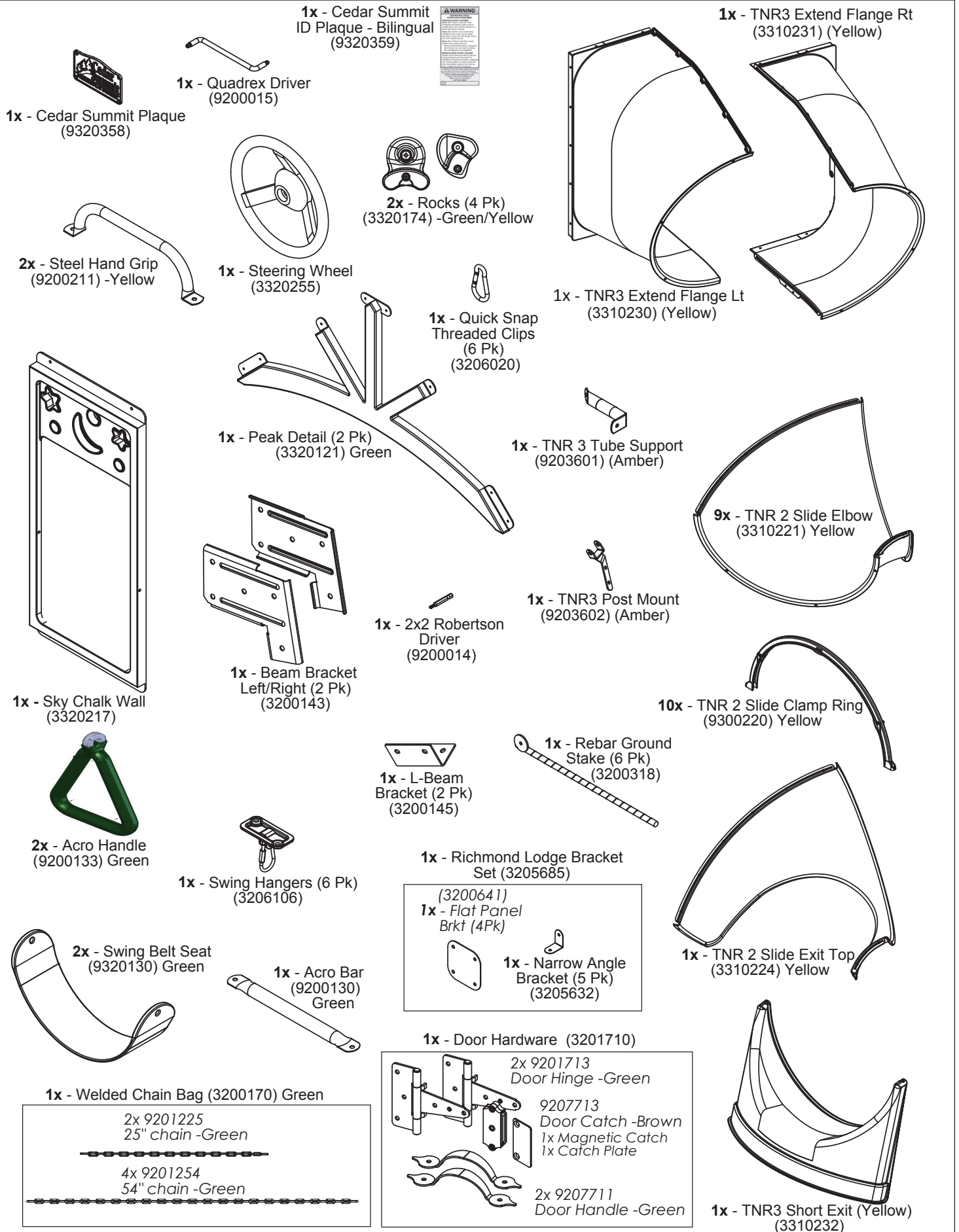
14pc. **S4** - Wood Screw #8 x 3" - (52043530)



# Hardware Identification (Actual Size)

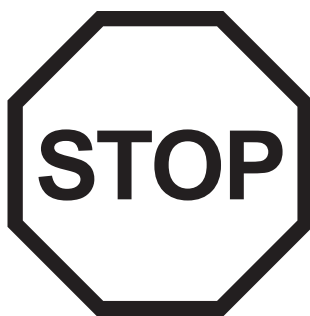


# Part Identification (Reduced Part Size)



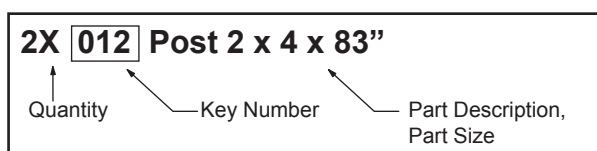


# Step 1: Inventory Parts - Read This Before Starting Assembly



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



**Key Number:** The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

- 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.

customersupport@kidkraft.com  
Online Parts Replacement:  
Cedarsummitplay.com/parts-center-warranty-claim  
Customer Service:  
1(800) 933-0771 or (972) 385-0100

Europe Customer Service: +31 (0)20 305 8620  
europecustomerservice@kidkraft.com  
EU Online Parts Replacement: parts.kidkraft.eu

- 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 Cedar Summit ID Plaque (9320357).
  - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

**MODEL NUMBER: F25685X**

CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 1)

CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 4)

CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 2)

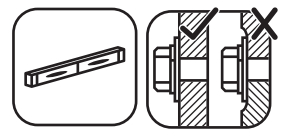
CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 5)

CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 3)

CARTON I.D. STAMP: \_ \_ \_ \_ \_ 14459 \_ (Box 6)

TRACKING NUMBER (from ID Plaque): \_\_\_\_\_

# Step 1: Bench Assembly



**A:** Open the Folding Bench Assembly. (fig. 1.1, 1.2 and 1.3)

**B:** Make sure assembly is level then secure with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 1.4)

**C:** Tighten the top screws in all 4 Bench Legs. (fig. 1.4)

Fig. 1.1

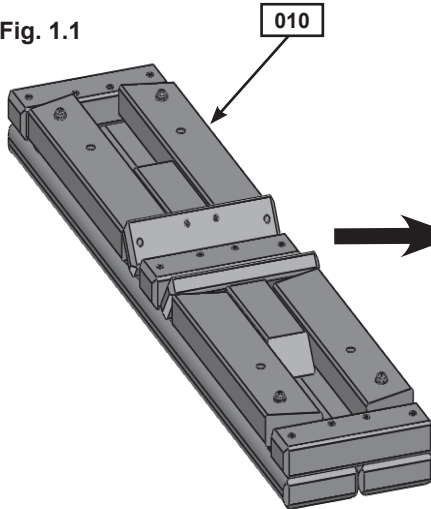


Fig. 1.2

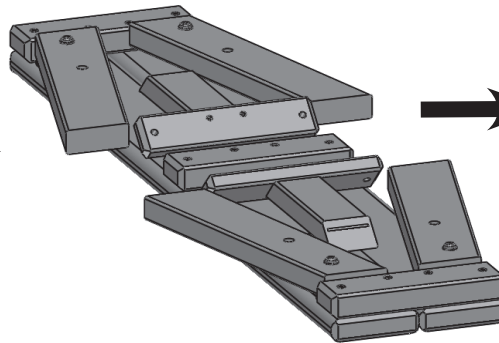


Fig. 1.3

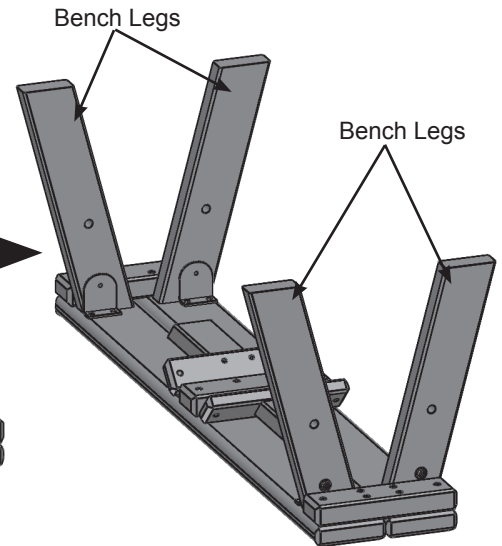
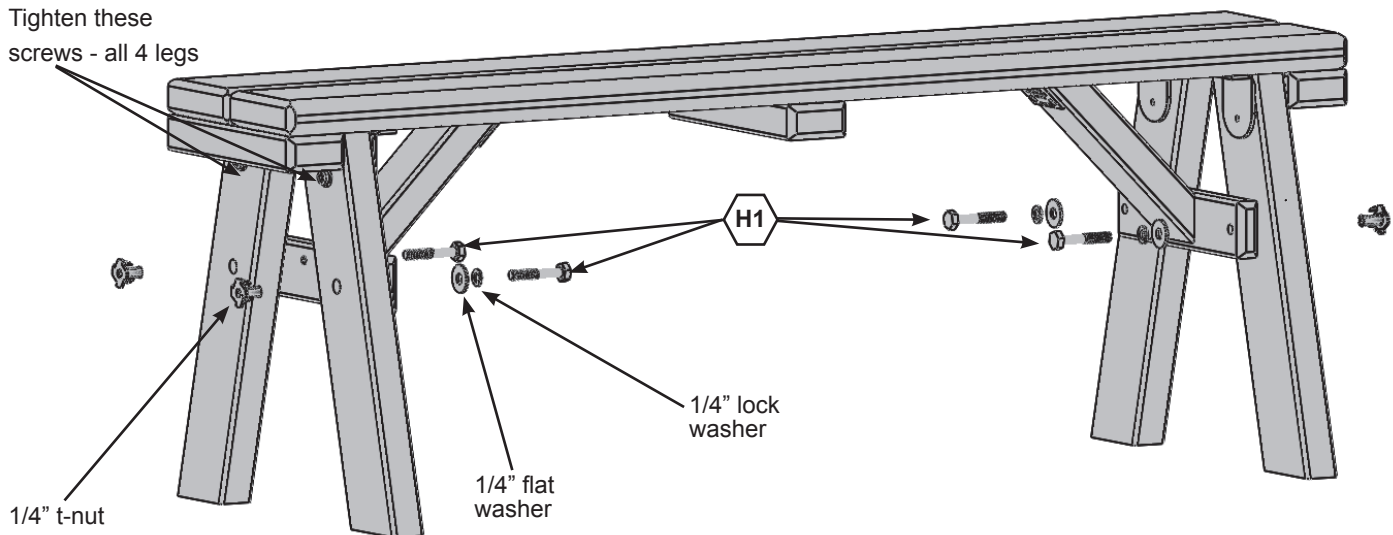


Fig. 1.4

Tighten these screws - all 4 legs



## Wood Parts

1 x 010 Folding Bench 2-13/32 x 6-3/4 x 34"

## Hardware

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

## Step 2: Access Ladder / Rockwall Assembly Part 1



- A:** Place (020) Left Access on one side of 3 (022) Treads and (021) Right Access on the other side with the grooves facing in. (fig. 2.1)
- B:** Fit each (022) Tread into grooves on both (020) and (021) Access rails, make sure the top edge of the (022) Treads are flush to the front of the Access rails. (fig. 2.1 and 2.2)
- C:** Pre-drill pilot holes with a 1/8" drill bit and attach rails and treads together using 4 (S3) #8 x 2-1/2" Wood Screws per tread. (fig. 2.1)

Fig. 2.1

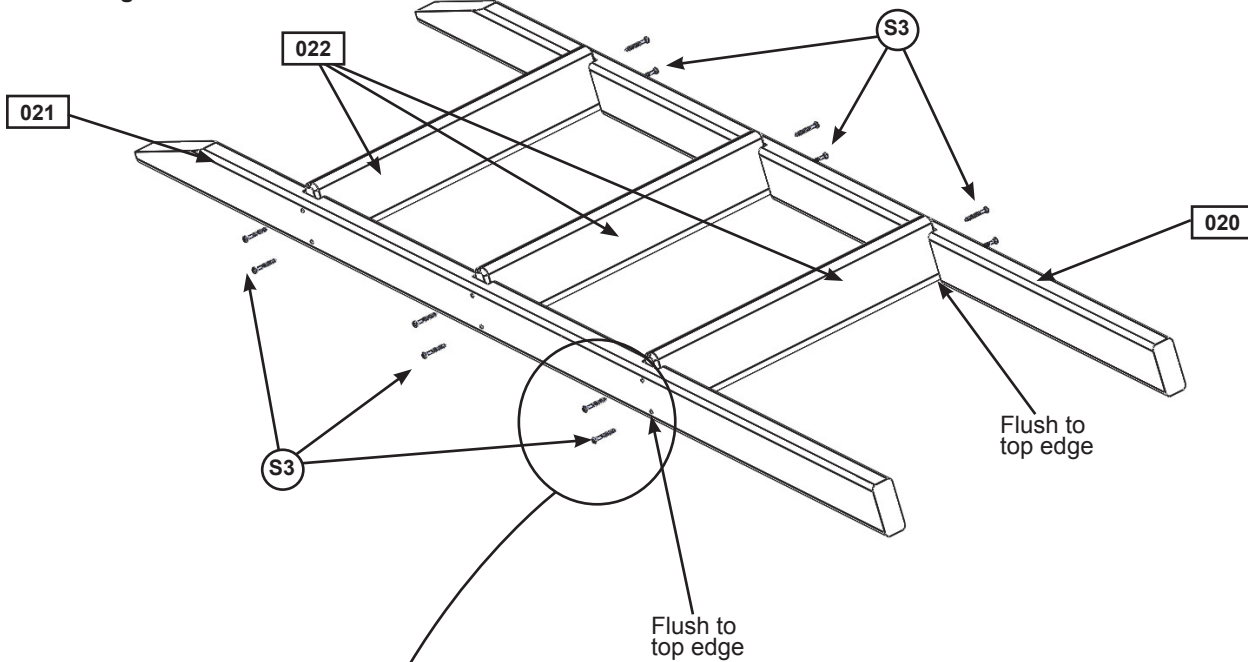
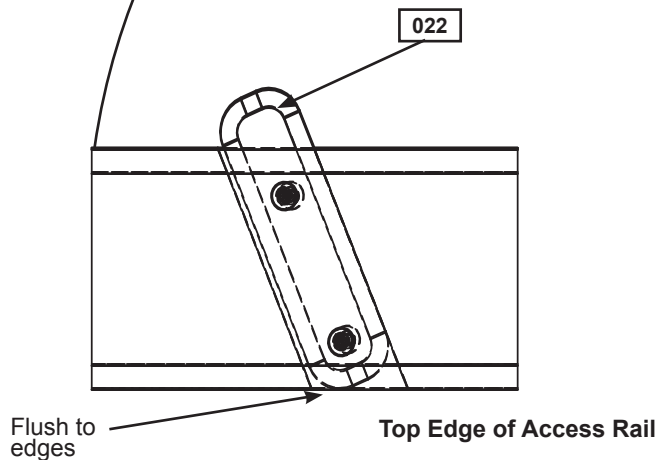


Fig. 2.2  
End View



### Wood Parts

- 1 x 020 Left Access 1-3/8 x 2-1/2 x 52-5/8"
- 1 x 021 Right Access 1-3/8 x 2-1/2 x 52-5/8"
- 3 x 022 Tread 5/4 x 4 x 19-1/2"

### Hardware

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

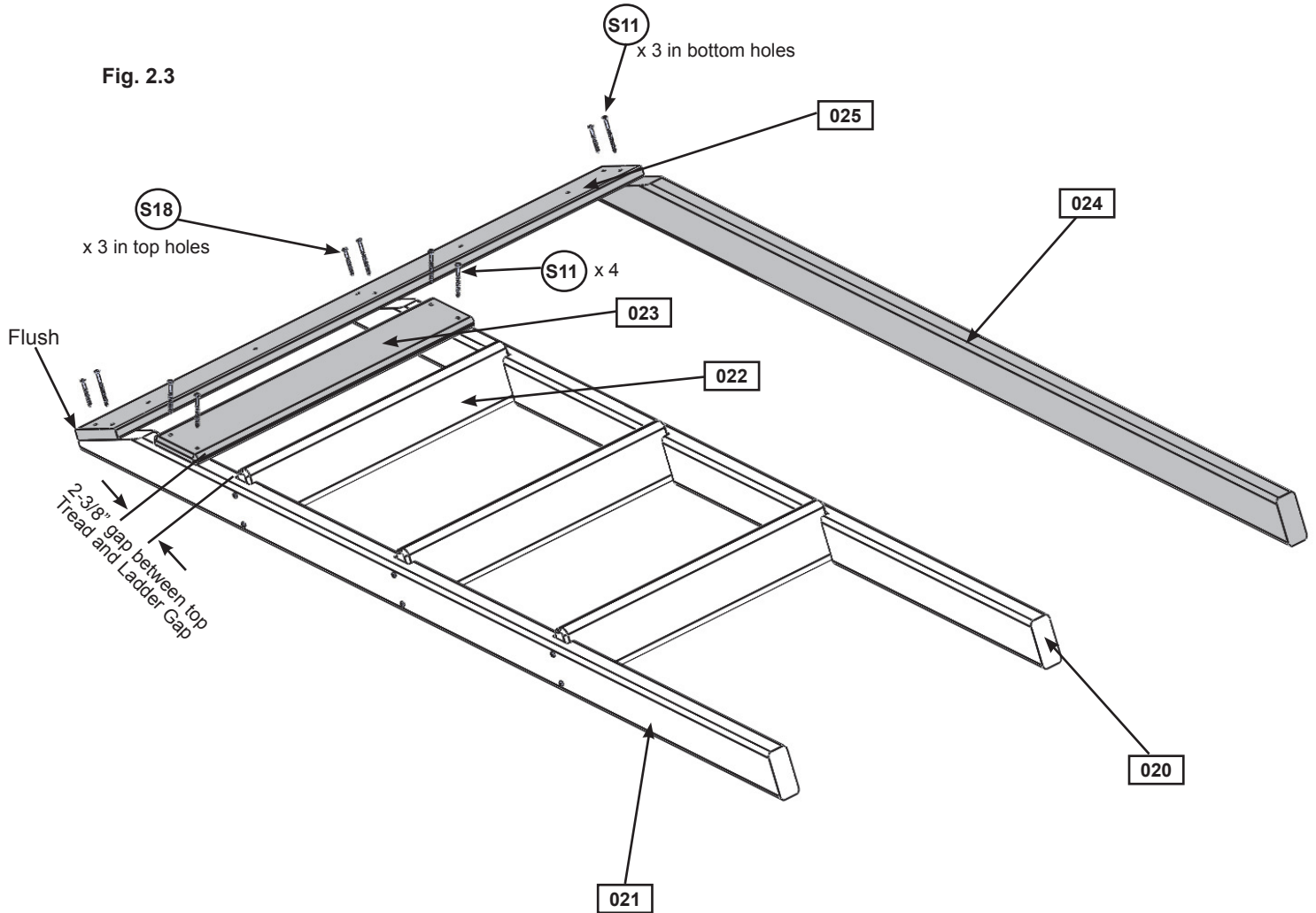
## Step 2: Access Ladder / Rockwall Assembly Part 2



**D:** Place (023) Ladder Gap on each access rail so there is a 2-3/8" gap between (023) Ladder Gap and the top (022) Tread. Attach using 4 (S11) #8 x 2" Wood Screws. (fig. 2.3)

**E:** Place (024) Rock Rail on the ground next to (020) Left Access so it matches the orientation of the two access rails as shown in fig. 2.3. Attach (025) RW-AL Support flush to the top of Access Ladder assembly and (024) Rock Rail using 3 (S18) #6 x 1" Wood Screws in the top holes and 3 (S11) #8 x 2" Wood Screws in the bottom holes. Pilot holes in (025) RW-AL Support should be centred over the rails. (fig. 2.3)

Fig. 2.3



### Wood Parts

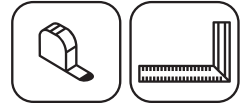
- 1 x (023) Ladder Gap 1 x 4 x 21"
- 1 x (024) Rock Rail 1-3/8 x 2-1/2 x 52-5/8"
- 1 x (025) RW-AL Support 1 x 4 x 39-3/8"

### Hardware

- 7 x (S11) #8 x 2" Wood Screw
- 3 x (S18) #6 x 1" Wood Screw



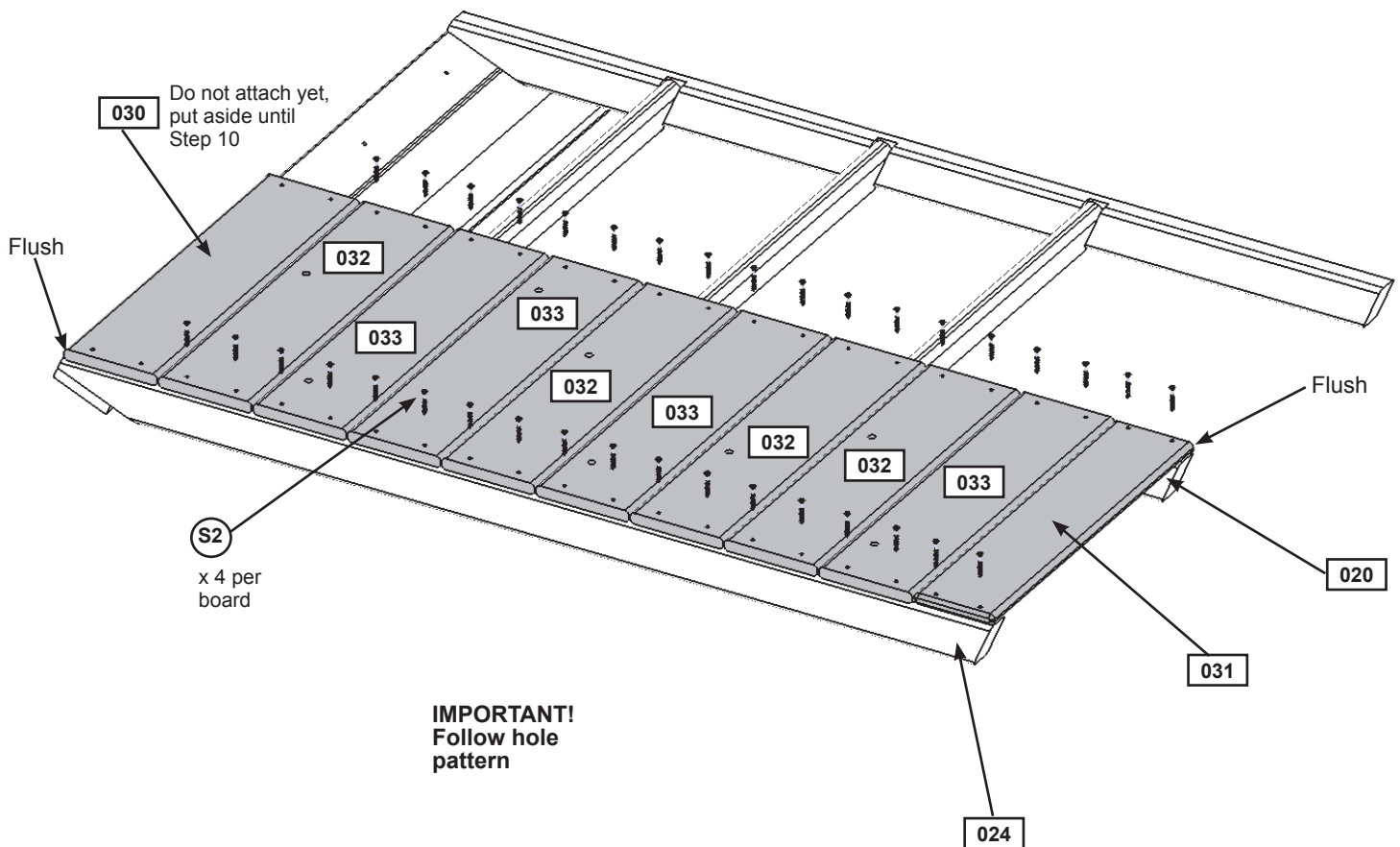
# Step 3: Rockwall Assembly Part 1



**A:** Place (030) Access Board flush to the top of the Access Ladder/Rockwall Assembly and (031) Wall Board flush to the bottom of the assembly as shown in fig. 3.1. Then place (032) Rock Board A and (033) Rock Board B as shown in fig. 3.1. Do not screw boards down yet. Rock holes are to be staggered so they do not form a straight line and are at the top of the boards. **Note: Rock Boards are to be flush to (020) Left Access and pilot holes are centred over (024) Rock Rail. (fig. 3.1)**

**B:** Make sure all boards are tight together and the assembly is square, then attach all boards except for (030) Access Board using 4 (S2) #8 x 1-1/2" Wood Screws per board. (030) Access Board to be attached in Step 10, Part 2, keep aside until needed. (fig. 3.1)

Fig. 3.1



## Wood Parts

- 1 x 030 Access Board 1 x 6 x 19-3/4"
- 1 x 031 Wall Board 1 x 5 x 19-3/4"
- 4 x 032 Rock Board A 1 x 6 x 19-3/4"
- 4 x 033 Rock Board B 1 x 6 x 19-3/4"

## Hardware

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

## Step 3: Rockwall Assembly Part 2

**C:** Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. (fig. 3.2 and 3.3)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 3.2 and 3.3)

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

Fig. 3.2

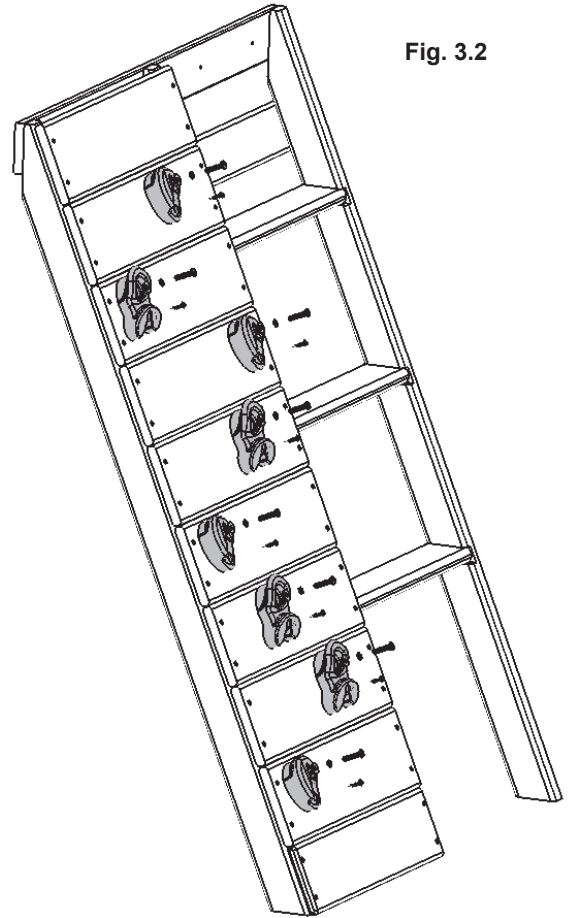
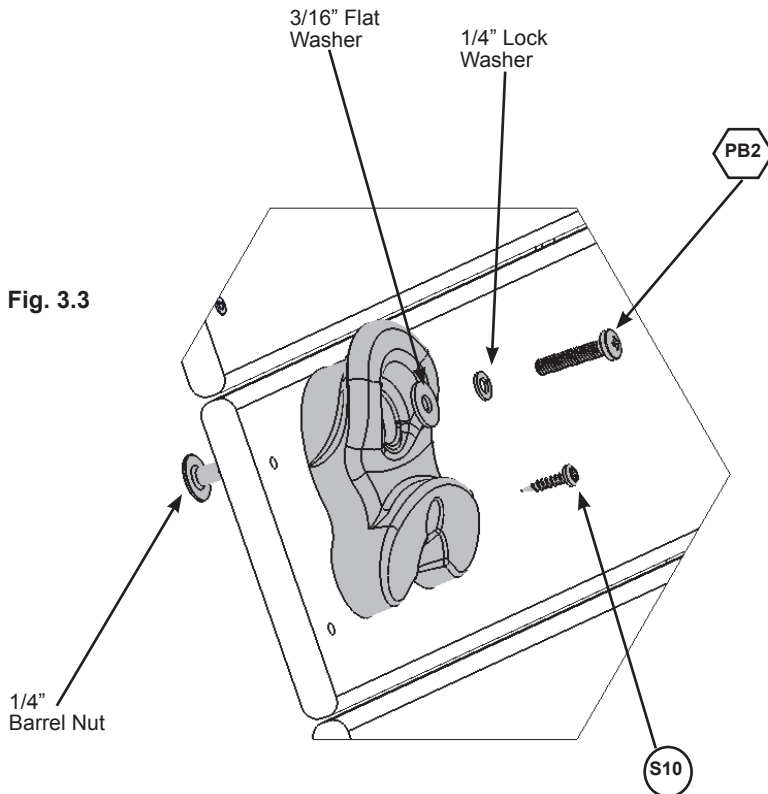


Fig. 3.3



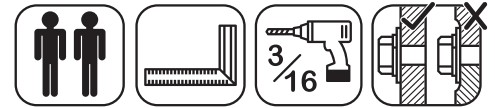
### Hardware

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

### Other Parts

- 8 x Rocks (green/yellow)

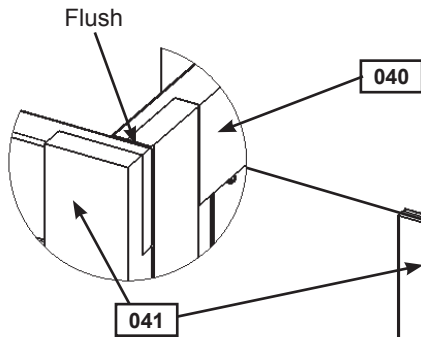
## Step 4: Slide Wall Assembly



**A:** Place (041) Back Narrow Panel against the left side of (040) SL Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (041) Back Narrow Panel to (040) SL Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 4.1 and 4.2)

**B:** Place (042) Front Narrow Panel against the right side of (040) SL Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (040) SL Panel to (042) Front Narrow Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 4.1 and 4.3)

Fig. 4.2



Notice (041) Back Narrow Panel overlaps (040) SL Panel

Fig. 4.1

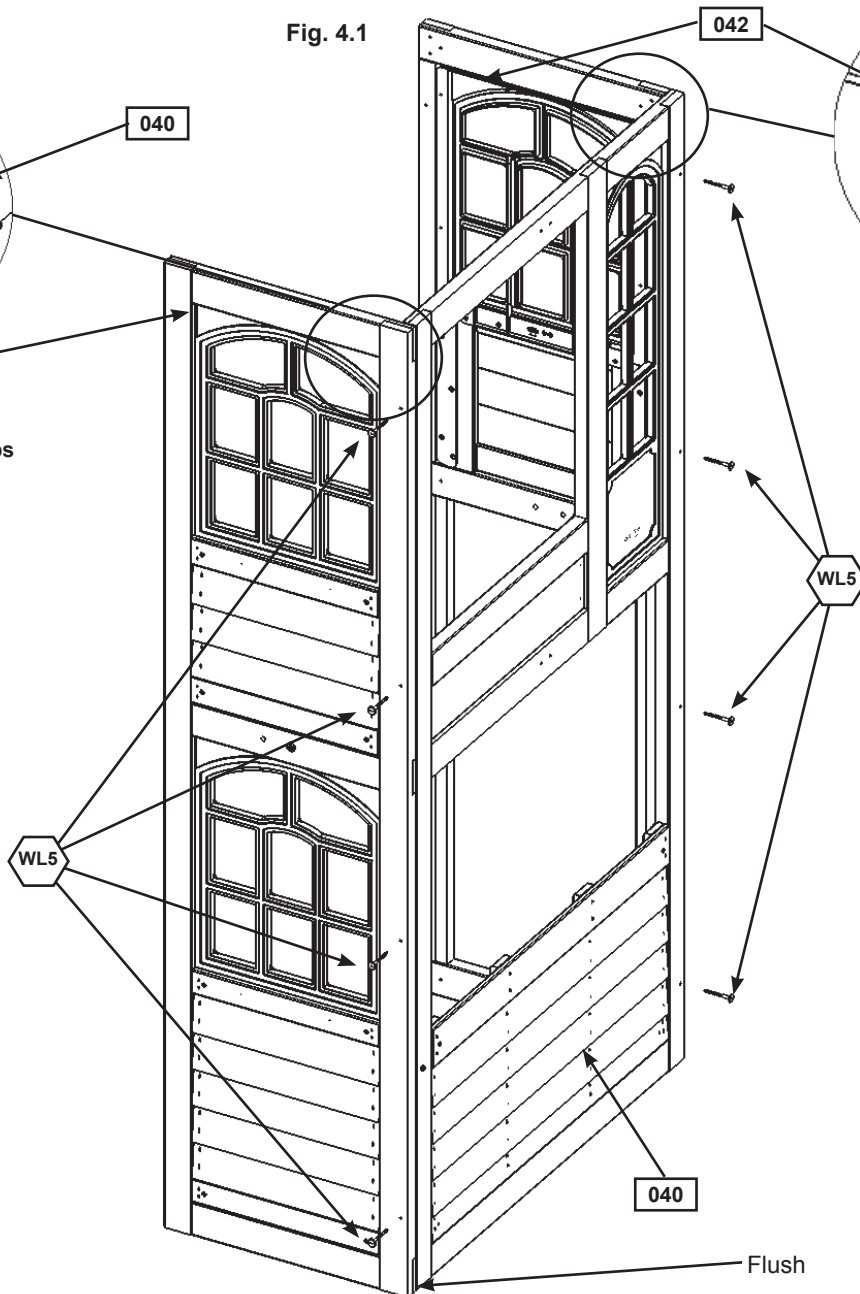
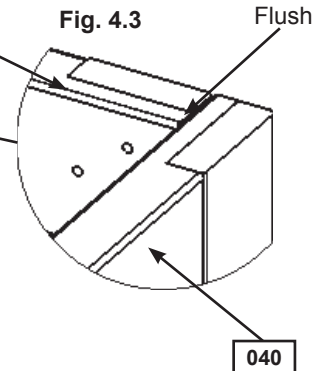


Fig. 4.3



Notice (040) SL Panel overlaps (042) Front Narrow Panel

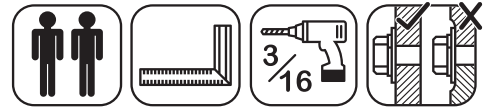
### Wood Parts

- 1 x SL Panel 1-1/4 x 42 x 87"
- 1 x Back Narrow Panel 1-1/4 x 22 x 87"
- 1 x Front Narrow Panel 1-1/4 x 22 x 87"

### Hardware

- 8 x 1/4 x 2-1/2" Wafer Lag

## Step 5: Swing Wall Assembly



**A:** Place (051) Front Wall Panel against the left side of (050) SW Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (051) Front Wall Panel to (050) SW Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 5.1 and 5.2)

**B:** Place (052) Back Wall Panel against the right side of (050) SW Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (050) SW Panel to (052) Back Wall Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 5.1 and 5.3)

Fig. 5.2

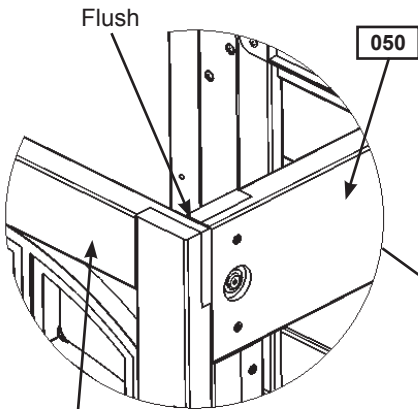


Fig. 5.1

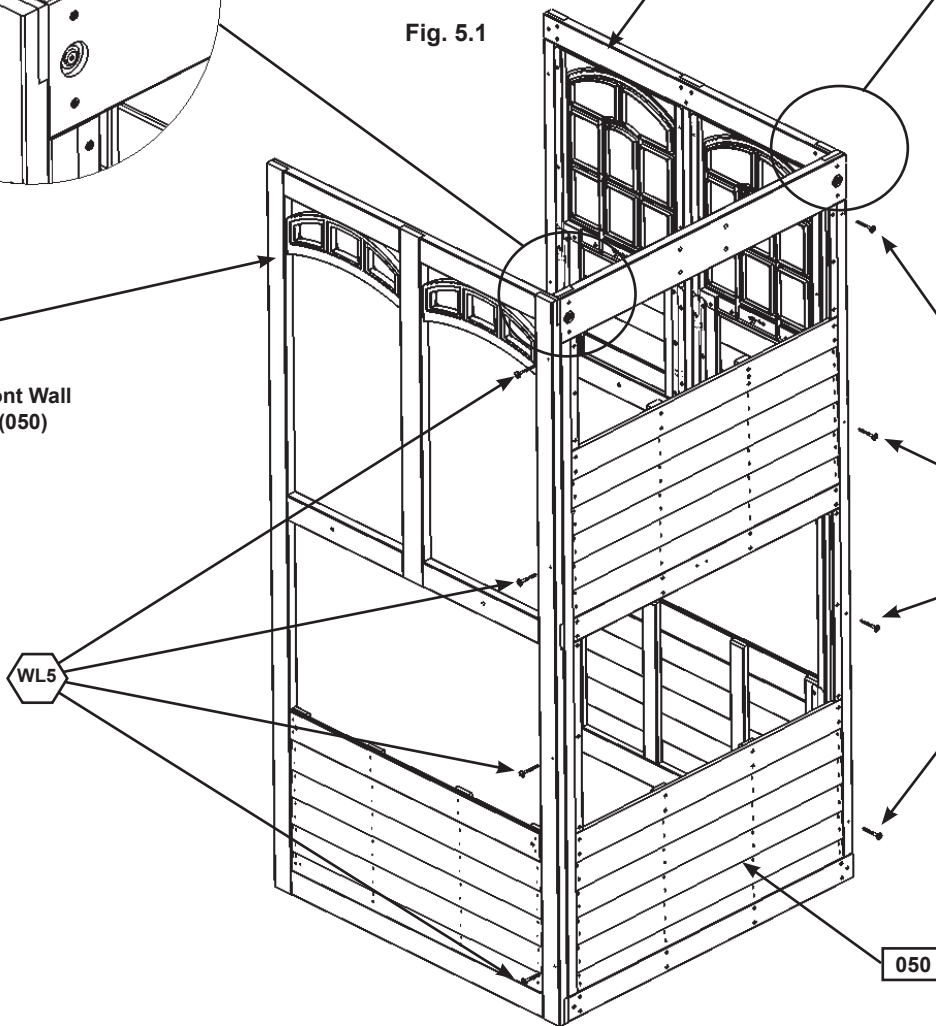
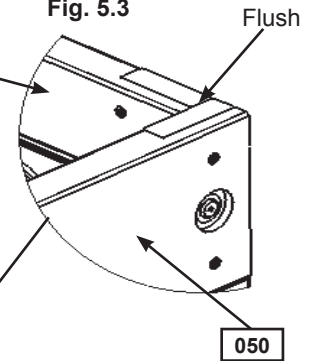


Fig. 5.3



Notice (050) SW Panel overlaps (052) Back Wall Panel

Notice (051) Front Wall Panel overlaps (050) SW Panel

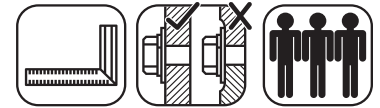
### Wood Parts

- 1 x 050 SW Panel 1-1/4 x 42 x 87"
- 1 x 051 Front Wall Panel 1-1/4 x 42 x 87"
- 1 x 052 Back Wall Panel 1-1/4 x 42 x 87"

### Hardware

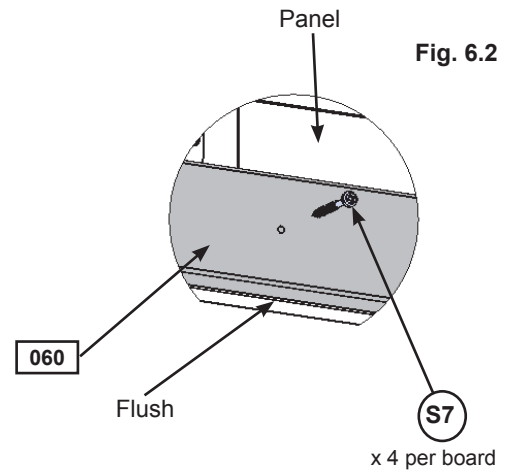
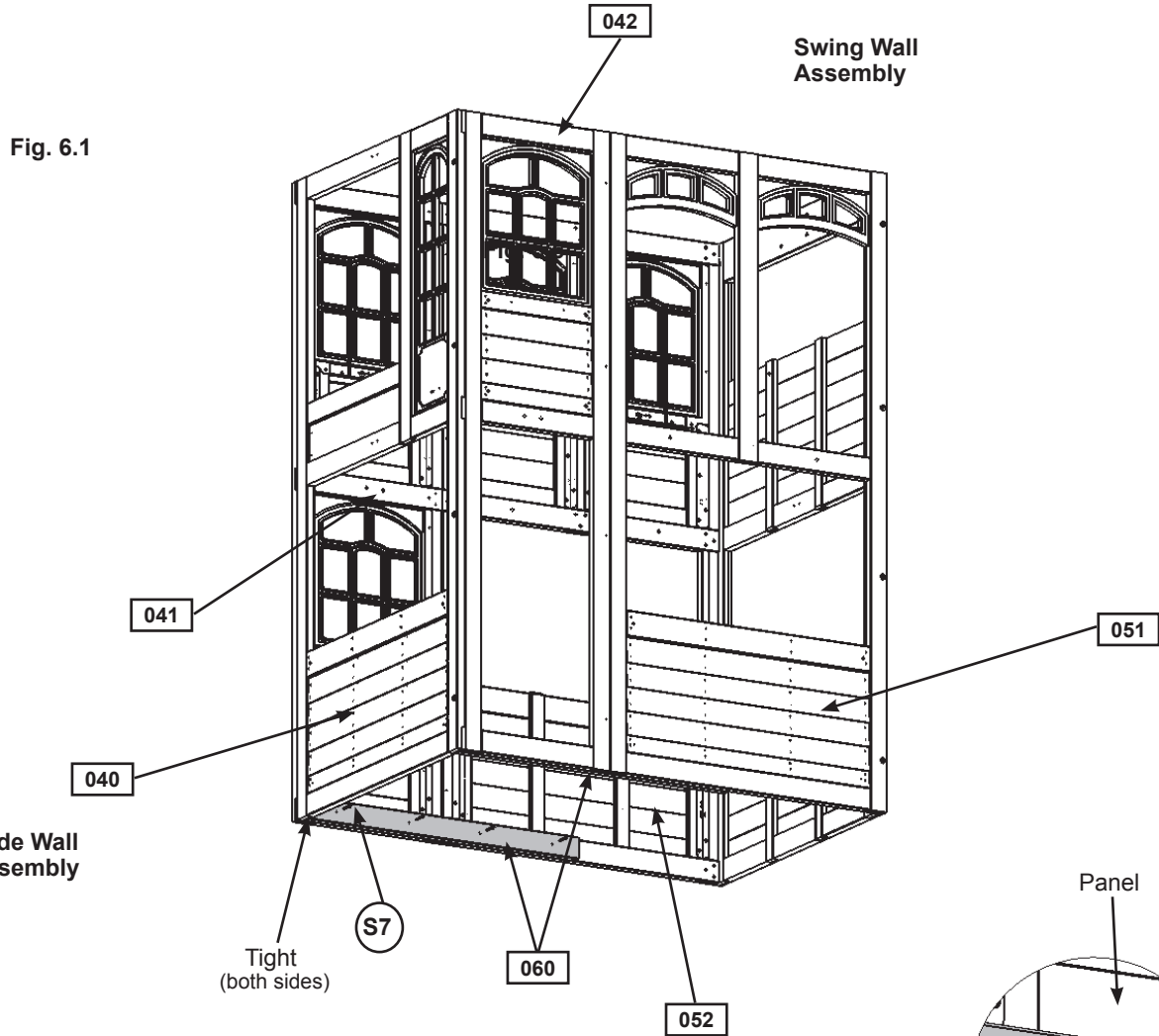
- 8 x WL5 1/4 x 2-1/2" Wafer Lag

# Step 6: Join Swing and Slide Wall Assemblies Part 1



**A:** With at least two helpers lift the Slide Wall Assembly and Swing Wall Assembly so the (041) Back Narrow Panel and (042) Front Narrow Panel meet with (052) Back Wall Panel and (051) Front Wall Panel and are tight together as shown in fig. 6.1.

**B:** Make sure the assembly is square then on the inside of the assembly, tight to (040) SL Panel and flush to the bottom of the panels attach 1 (060) Floor Joist to (041) Back Narrow Panel and (052) Back Wall Panel and a second (060) Floor Joist to (042) Front Narrow Panel and (051) Front Wall Panel with 4 (S7) #12 x 2" Pan Screws per board. (fig. 6.1 and 6.2)



## Wood Parts

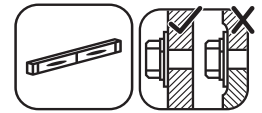
2 x 060 Floor Joist 1-1/4 x 3 x 40-3/4"

## Hardware

8 x S7 #12 x 2" Pan Screw



## Step 6: Join Swing and Slide Wall Assemblies Part 2



**C:** From inside the assembly, tight to (040) SL Wall, halfway up the assembly attach 1 (061) Side Joist to (041) Back Narrow Panel and (052) Back Wall Panel with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut). Bolts are installed from outside the assembly. Make sure (061) Side Joist is level then attach with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 6.3 and 6.4)

Fig. 6.3

**D:** Tight to (061) Side Joist attach (062) Short Side Joist to (052) Back Wall Panel with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut). Bolt is installed from outside the assembly. Make sure (062) Short Side Joist is level and flush to the top of (061) Side Joist then attach with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 6.3 and 6.4)

**E:** Repeat C and D for the Front Wall but install the bolts on (051) Front Wall Panel from inside the assembly. (fig. 6.3 and 6.5)

Fig. 6.5  
Inside View

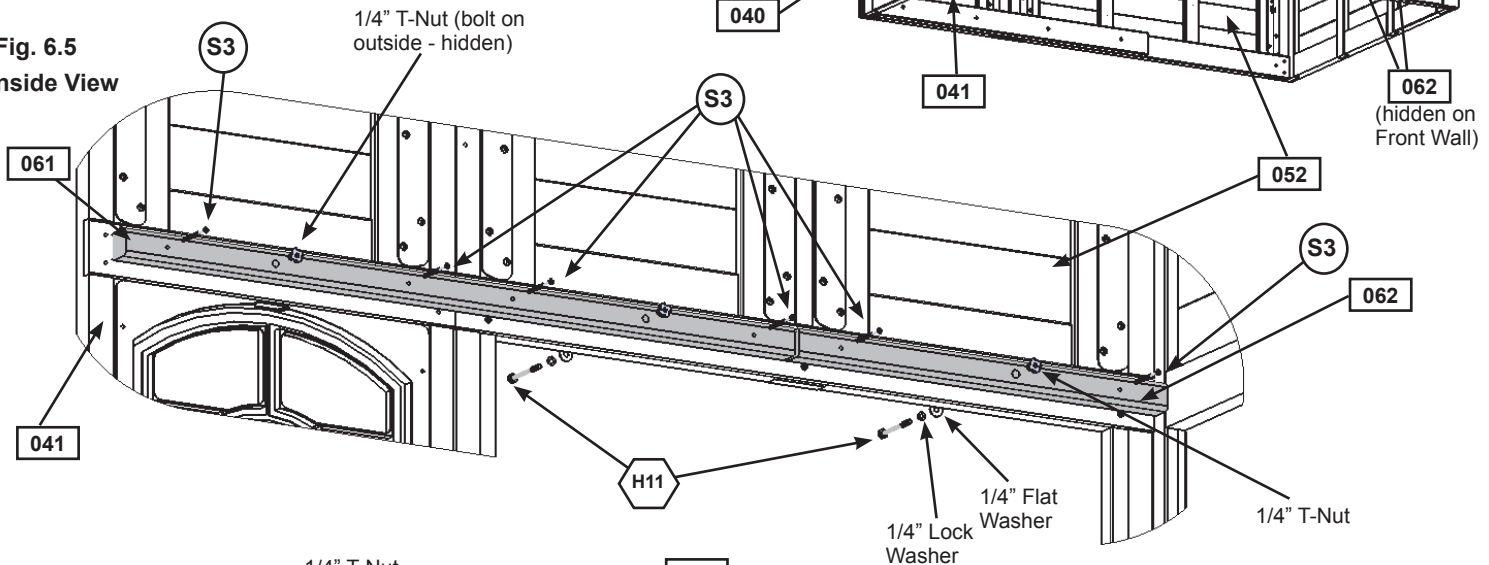
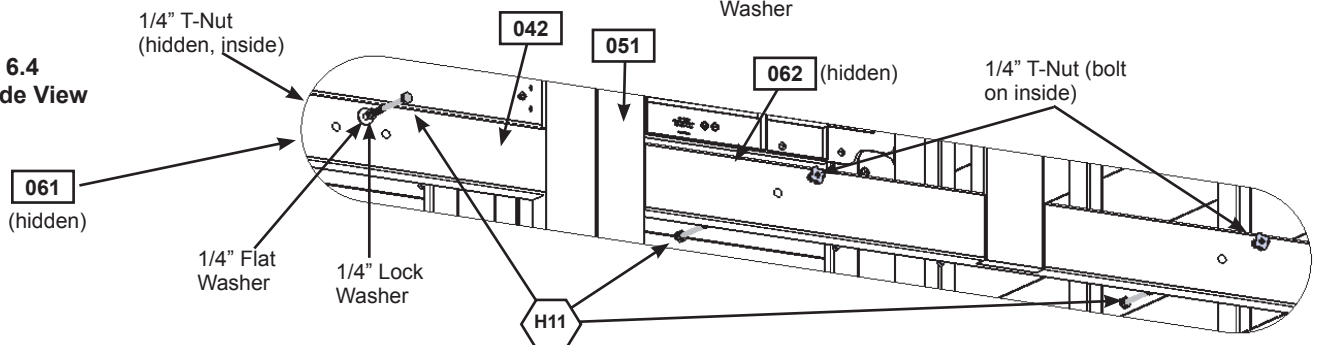


Fig. 6.4  
Outside View



### Wood Parts

- 2 x 061 Side Joist 2 x 2 x 40-1/4"
- 2 x 062 Short Side Joist 2 x 2 x 22-1/8"

### Hardware

- 12 x S3 #8 x 2-1/2" Wood Screw
- 6 x H11 1/4 x 2-3/4" Hex Bolt  
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

## Step 6: Join Swing and Slide Wall Assemblies Part 3



**F:** From inside the assembly, flush to the top of the assembly attach 1 (063) Wall Tie to (041) Back Narrow Panel and (052) Back Wall Panel and a second (063) Wall Tie to (042) Front Narrow Panel and (051) Front Wall Panel with 5 (S11) #8 x 2" Wood Screws per board. (fig. 6.6 and 6.7)

Fig. 6.6

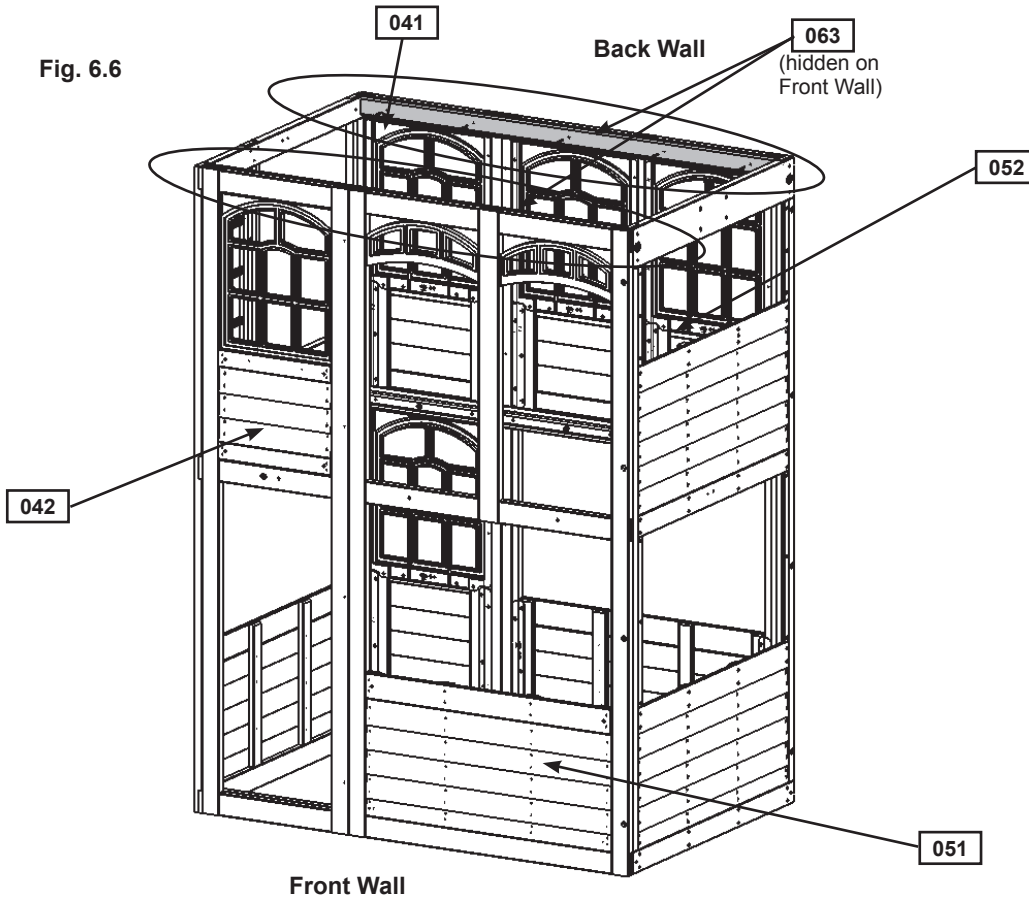
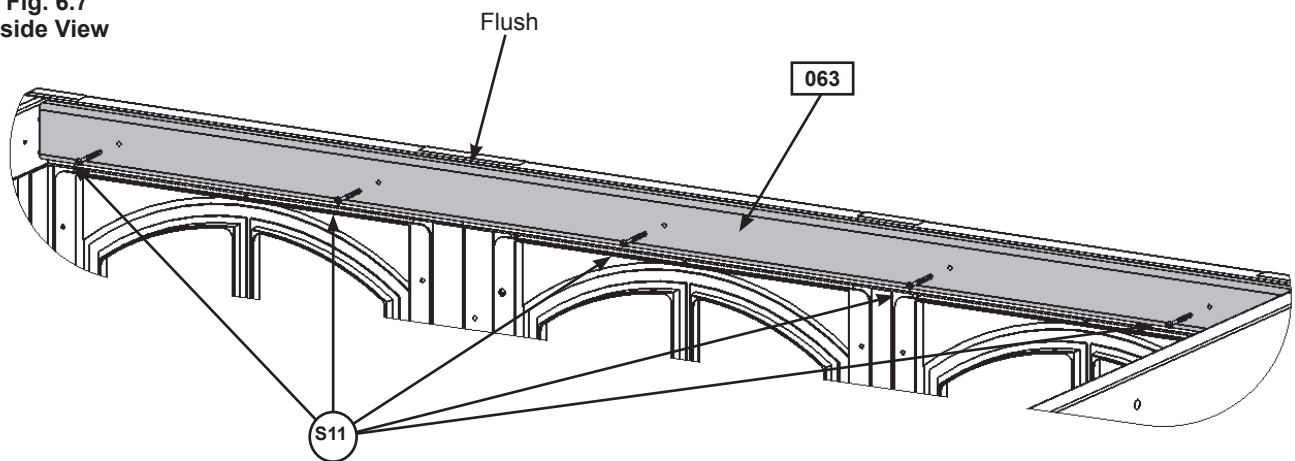


Fig. 6.7  
Inside View



### Wood Parts

2 x 063 Wall Tie 5/4 x 3 x 62-5/8"

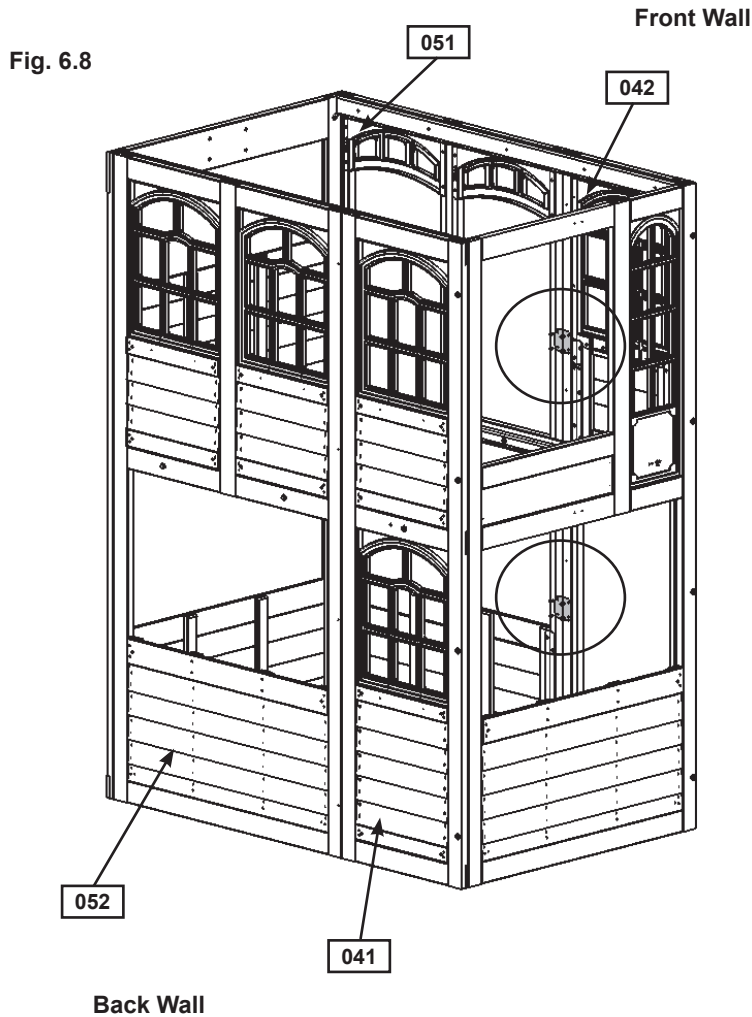
### Hardware

10 x S11 #8 x 2" Wood Screw

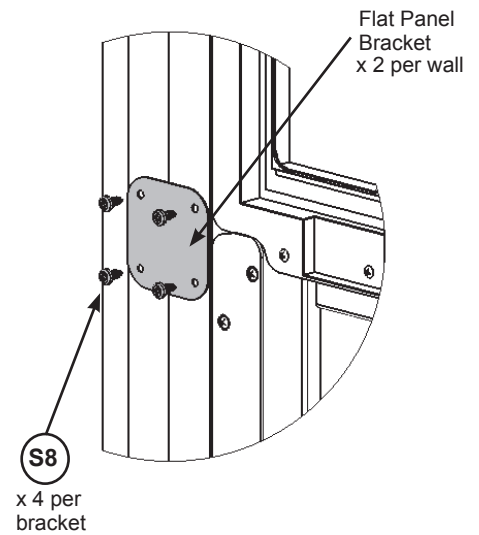
## Step 6: Join Swing and Slide Wall Assemblies Part 4

**G:** On the inside of the assembly attach (042) Front Narrow Panel to (051) Front Wall Panel using 2 Flat Panel Brackets in the places shown with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 6.8 and 6.9)

**H:** Repeat Step G to attach (041) Back Narrow Panel to (052) Back Wall Panel. (fig. 6.8 and 6.9)



**Fig. 6.9  
Inside View**



### Hardware

16 x S8 #12 x 3/4" Pan Screw

### Other Parts

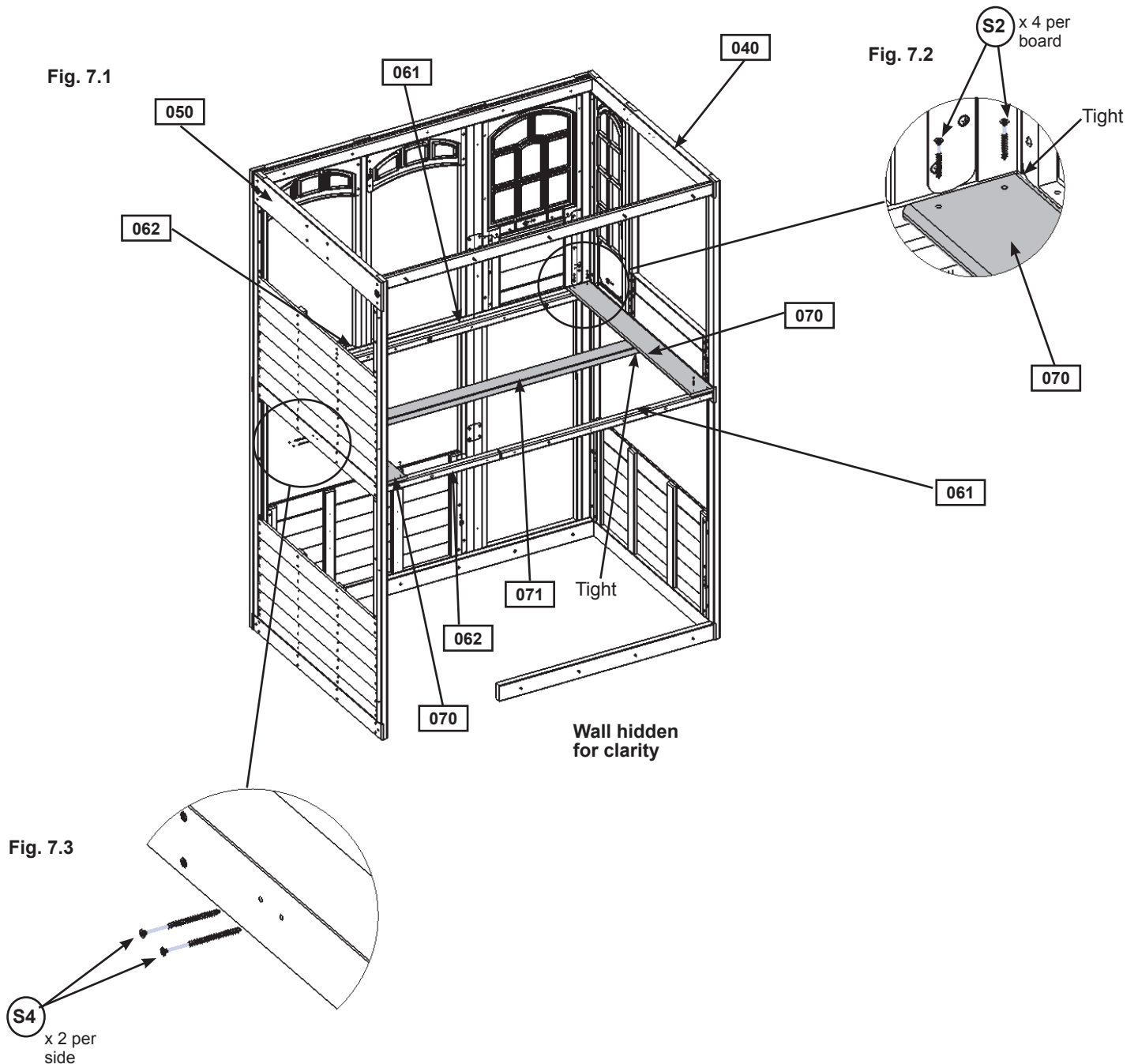
4 x Flat Panel Bracket

# Step 7: Floor Assembly Part 1



**A:** Place 1 (070) Floor Board tight to (040) SL Panel and attach to each (061) Side Joist with 4 (S2) #8 x 1-1/2" Wood Screws. Repeat for second (070) Floor Board tight to (050) SW Panel and attach to each (062) Short Side Joist. (fig. 7.1 and 7.2)

**B:** Place (071) Long Floor Joist tight to the bottom of each (070) Floor Board, centred over the pilot holes on the (040) SL Panel and (050) SW Panel then attach with 2 (S4) #8 x 3" Wood Screws per panel. (fig. 7.1 and 7.3)



## Wood Parts

- 2 x 070 Floor Board 1 x 5 x 40-5/8"
- 1 x 071 Long Floor Joist 1-1/4 x 3 x 62-5/8"

## Hardware

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

# Step 7: Floor Assembly Part 2

**C:** Starting at the Slide Wall place 8 (070) Floor Boards tight to the previously attached (070) Floor Board, followed by 1 (072) Floor Board then 3 more (070) Floor Boards. Make sure all boards are equally spaced then attach to (071) Long Floor Joist and each (061) Side Joist and (062) Short Side Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 7.4 and 7.5)

**D:** Attach the two end (070) Floor Boards to (071) Long Floor Joist with 1 (S2) #8 x 1-1/2" Wood Screw per board. (fig. 7.4)

Fig. 7.4

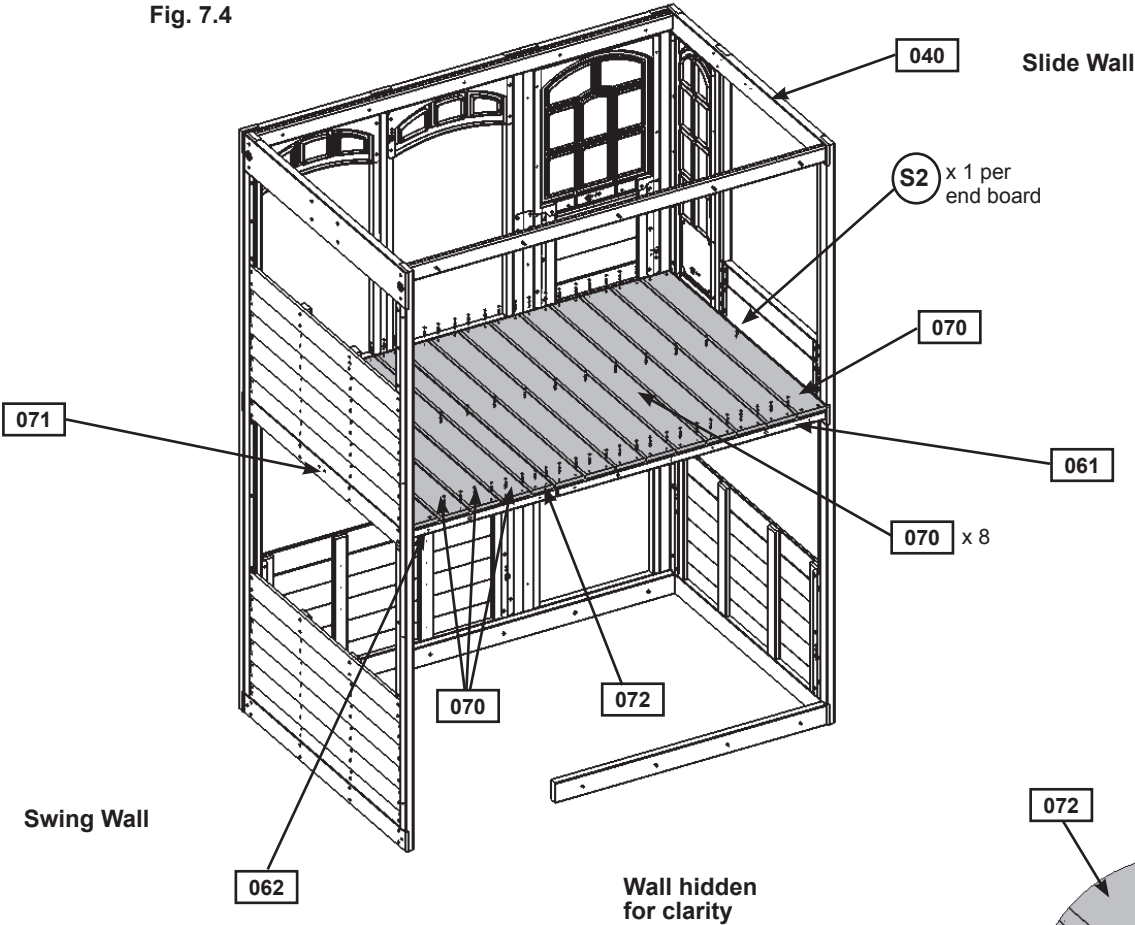
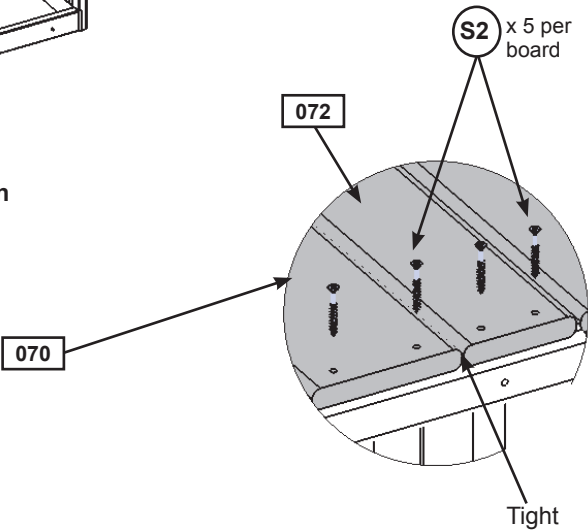


Fig. 7.5



## Wood Parts

- 11 x 070 Floor Board 1 x 5 x 40-5/8"
- 1 x 072 Floor Board 1 x 4 x 40-5/8"

## Hardware

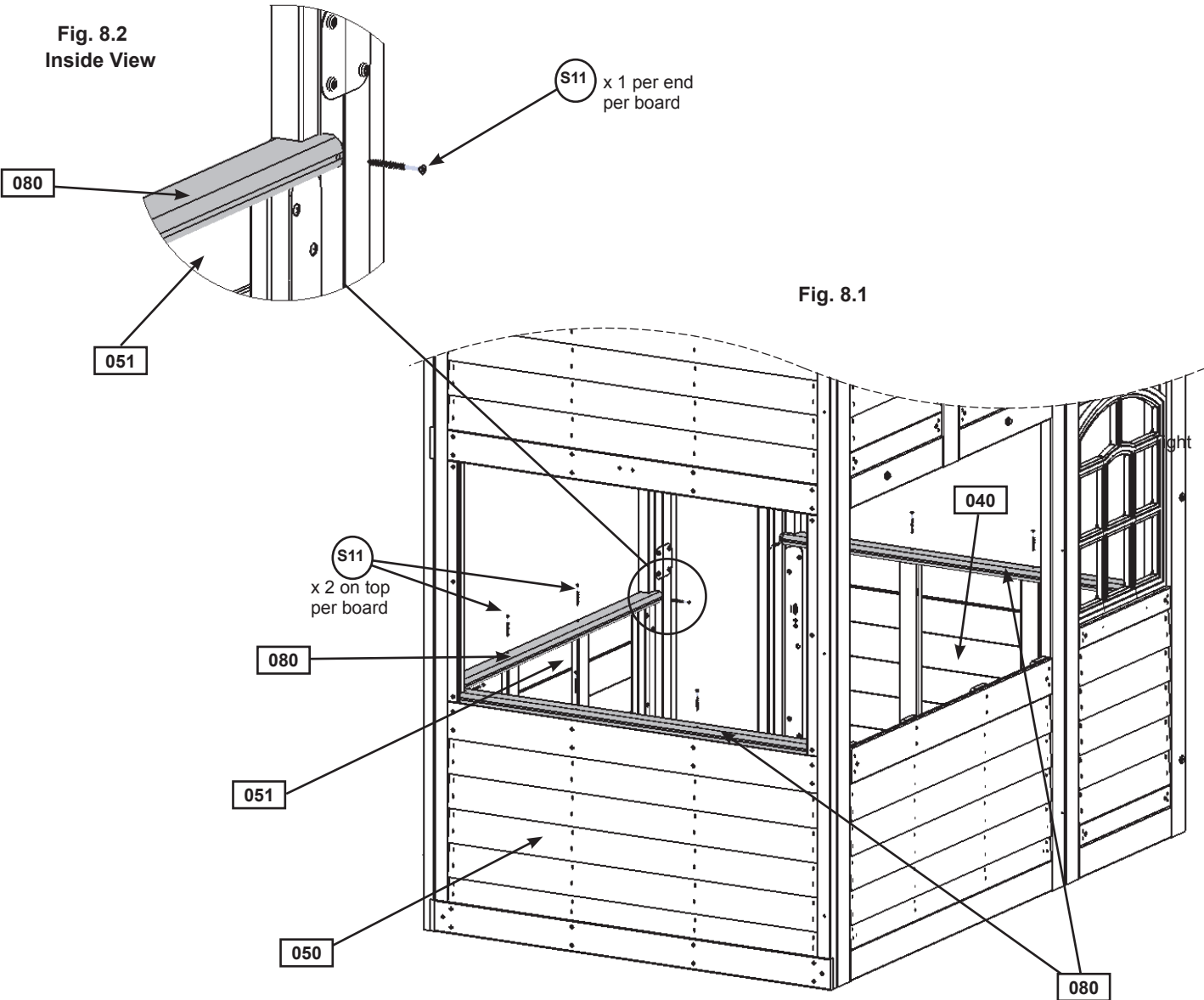
- 62 x S2 #8 x 1-1/2" Wood Screw



# Step 8: Attach SW Table Tops

**A:** In the opening in (051) Front Wall Panel, from the inside, attach (080) SW Table Top, tight to the corner of the panels with overhang facing in with 2 (S11) #8 x 2" Wood Screws from the top of the board and 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 8.1 and 8.2.

**B:** Repeat Step A for the opening in (050) SW Panel and the opening in (040) SL Panel. Three walls will have Table Tops. (fig. 8.1 and 8.2)



## Wood Parts

3 x 080 SW Table Top 5/4 x 3 x 39-5/8"

## Hardware

12 x S11 #8 x 2" Wood Screw

## Step 9: Attach SW Ground and Diagonal



**A:** Loosely attach (090) SW Ground to (091) Diagonal with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut) then place (091) Diagonal tight and flush to the front of (050) SW Panel. (090) SW Ground to be flush to the bottom of (050) SW Panel. (fig. 9.1 and 9.2)

**B:** Pre-drill pilot hole with a 3/16" drill bit then attach (091) Diagonal to (050) SW Panel with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer), checking that it remains flush to outside edge. (fig. 9.1 and 9.2)

**C:** Making sure bottom of (090) SW Ground is flush to bottom of (050) SW Panel pre-drill with a 1/8" drill bit then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw then tighten the bolt. (fig. 9.1 and 9.2)

Fig. 9.1

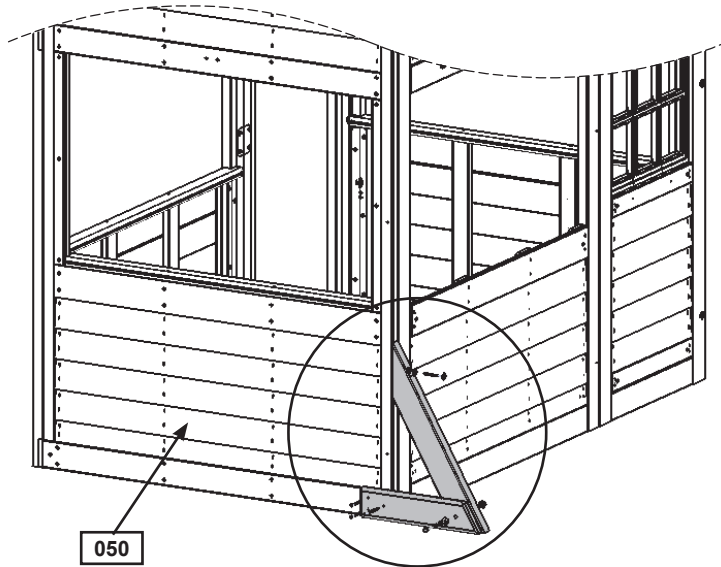
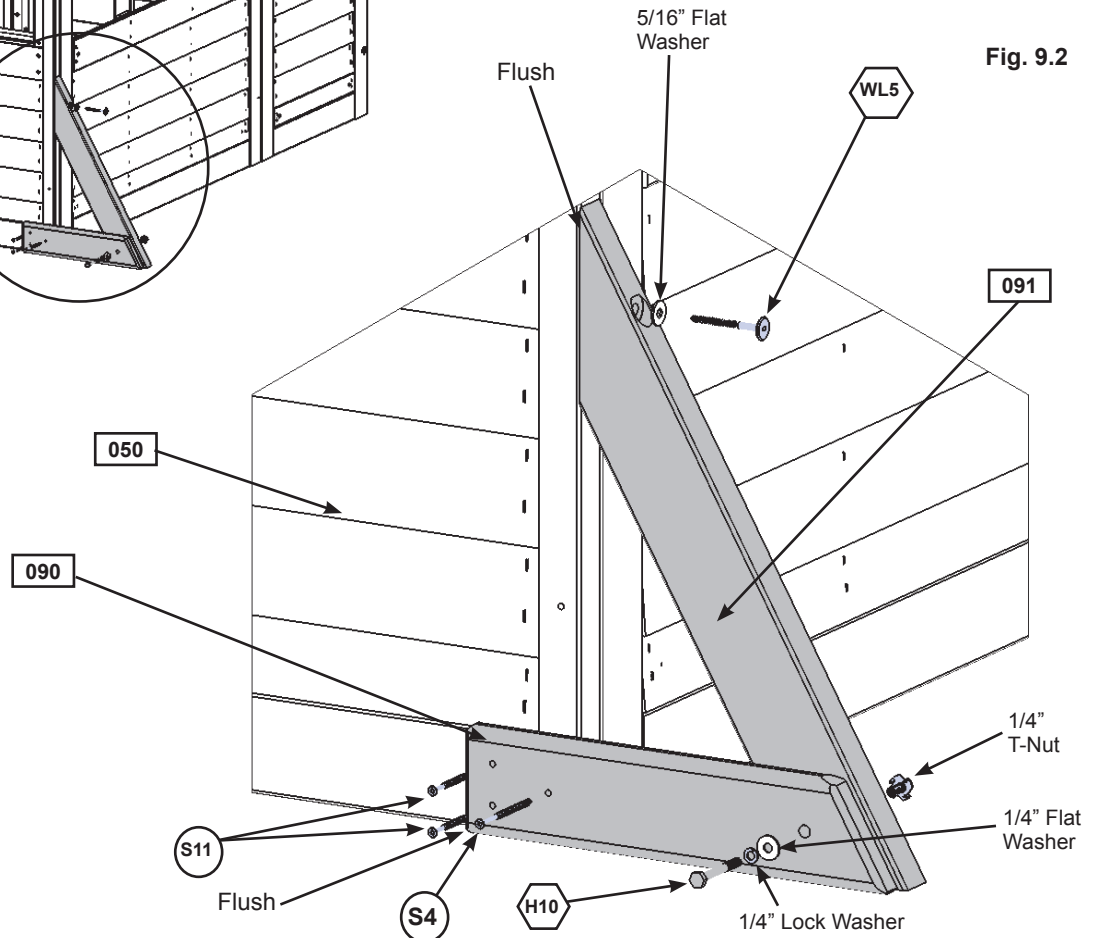


Fig. 9.2



### Wood Parts

- 1 x 090 SW Ground 5/4 x 4 x 14-1/4"
- 1 x 091 Diagonal 1-1/4 x 3 x 22"

### Hardware

- 1 x H10 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x WL5 1/4 x 2-1/2" Wafer Lag (5/16" flat washer)
- 1 x S4 #8 x 3" Wood Screw
- 2 x S11 #8 x 2" Wood Screw

# Step 10: Attach Access Ladder/Rockwall Assembly Part 1

**A:** Place Access Ladder/Rockwall Assembly from Step 3 against (051) Front Wall Panel, flush to the outside edge and flush to the top of the floor boards then attach with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 10.1 and 10.2)

Fig. 10.1

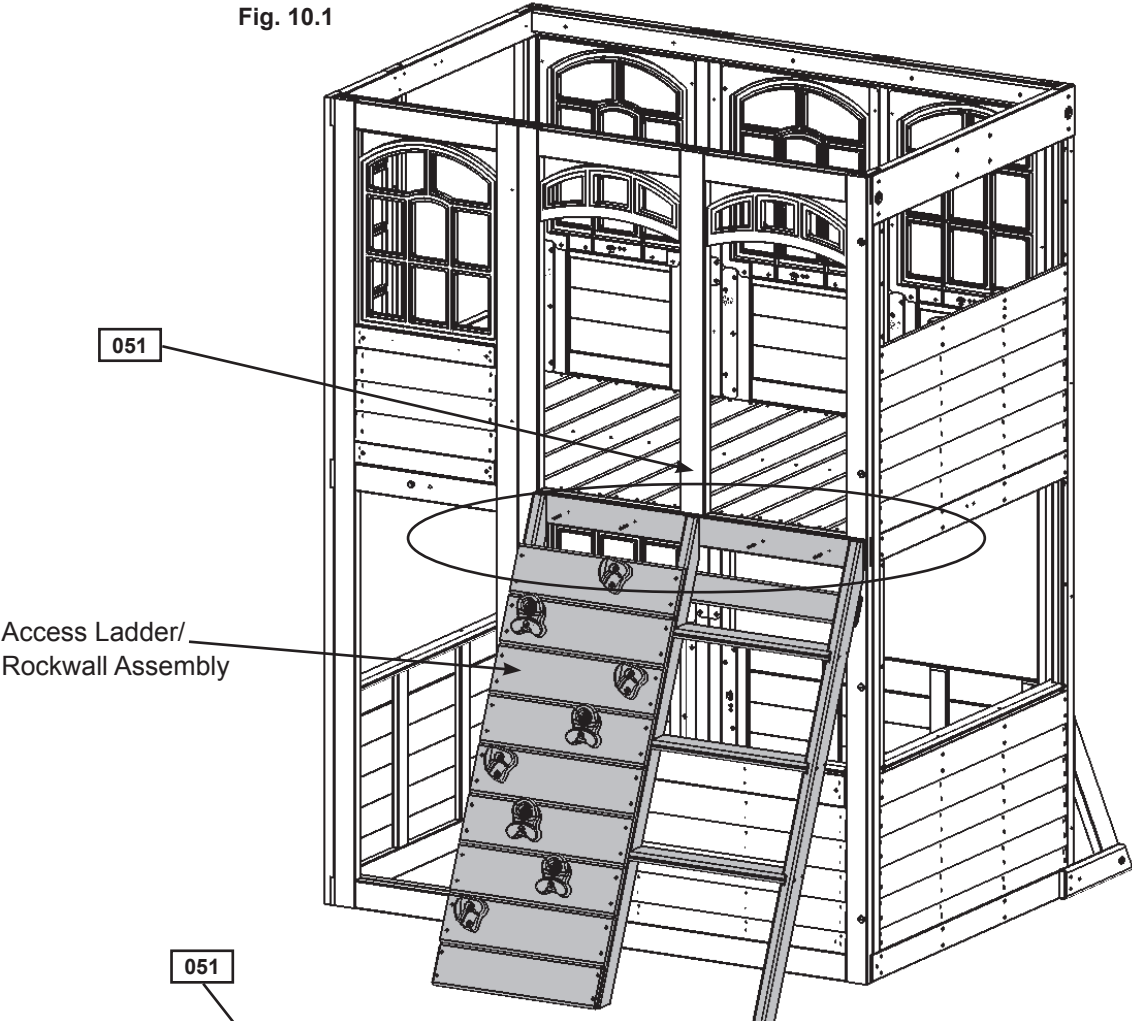
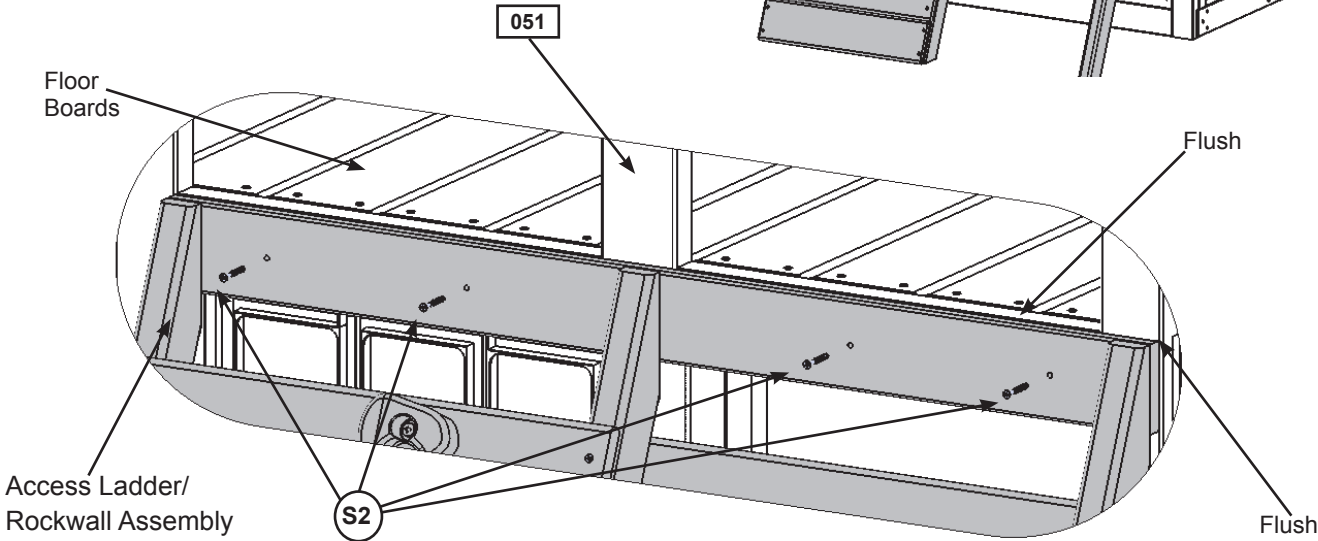


Fig. 10.2



## Hardware

4 x (S2) #8 x1-1/2" Wood Screw

## Step 10: Attach Access Ladder/Rockwall Assembly Part 2

**B:** Place (030) Access Board from Step 3, Part 1 against (020) Left Access and (024) Rock Rail and flush to the tops then attach with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 10.3 and 10.4)

Fig. 10.3

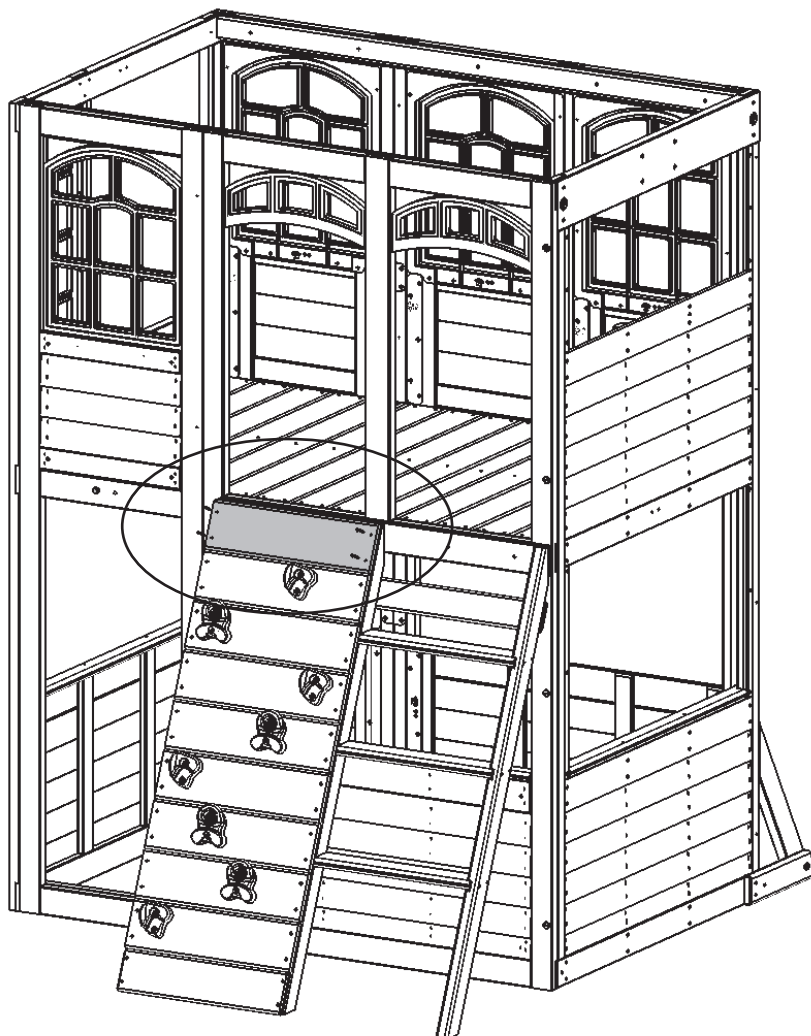
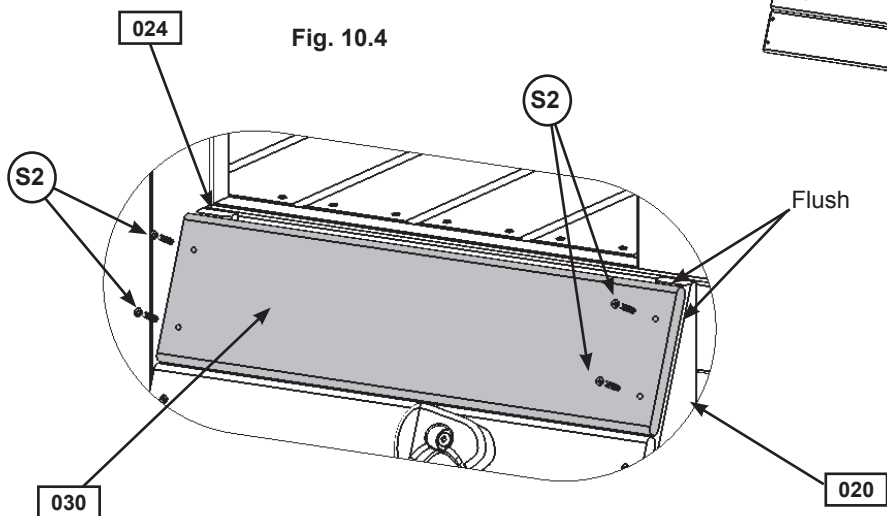


Fig. 10.4



### Wood Parts

1 x **030** Access Board 1 x 6 x 19-3/4"  
(from Step 3, Part 1)

### Hardware

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

# Step 10: Attach Access Ladder/Rockwall Assembly

## Part 3

**C:** Place (100) RW-AL Ground Brace flush to the end and bottom of (021) Right Access. Make sure the other end of the board is flush to the bottom of (050) SW Panel then attach with 2 (S11) #8 x 2" Wood Screws. (fig. 10.5 and 10.6)

**D:** Attach other end of (100) RW-AL Ground Brace to (050) SW Panel with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 10.5 and 10.6)

Fig. 10.5

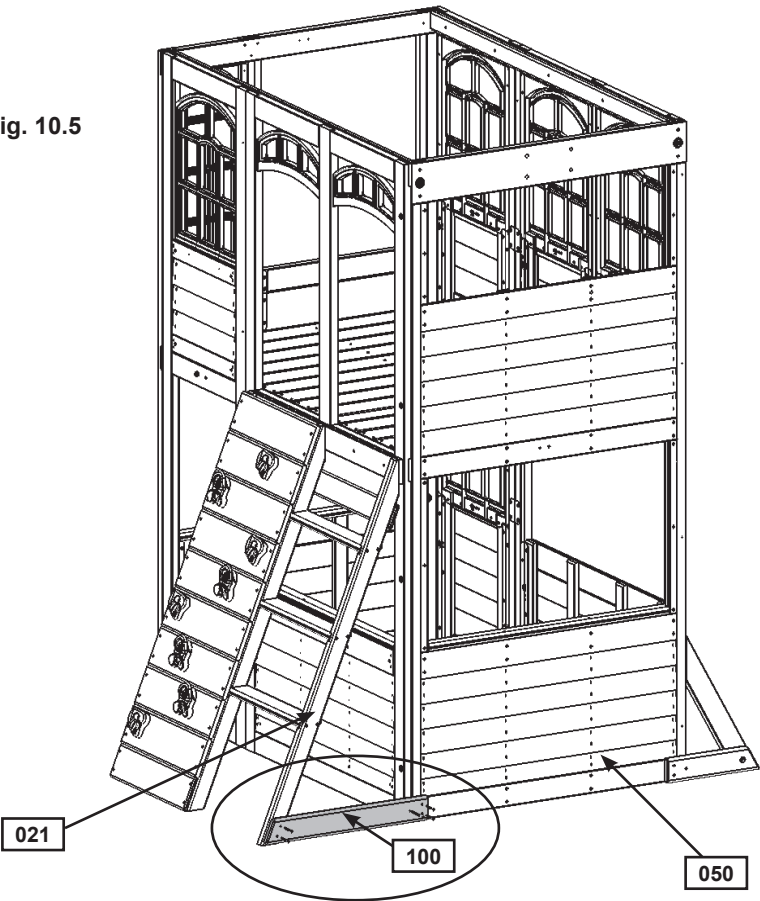
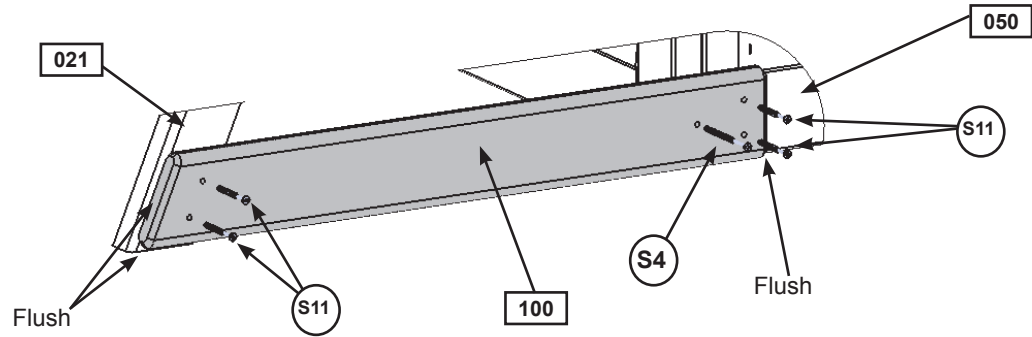


Fig. 10.6



### Wood Parts

1 x 100 RW-AL Ground Brace 5/4 x 4 x 25"

### Hardware

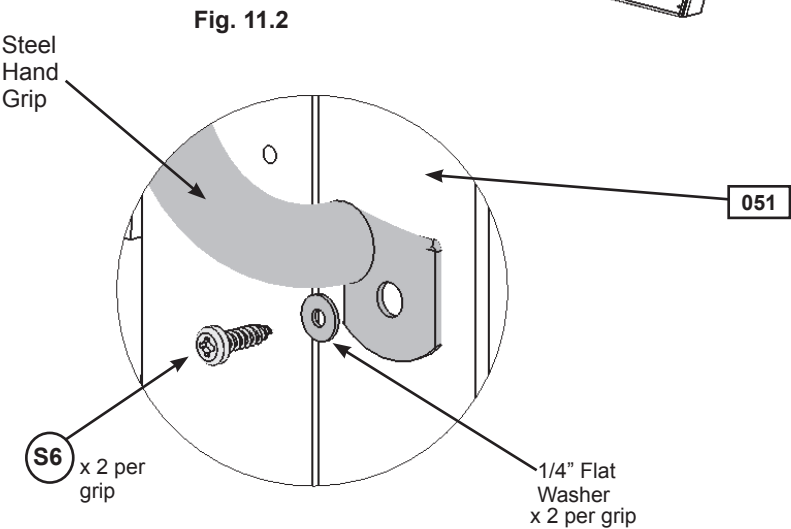
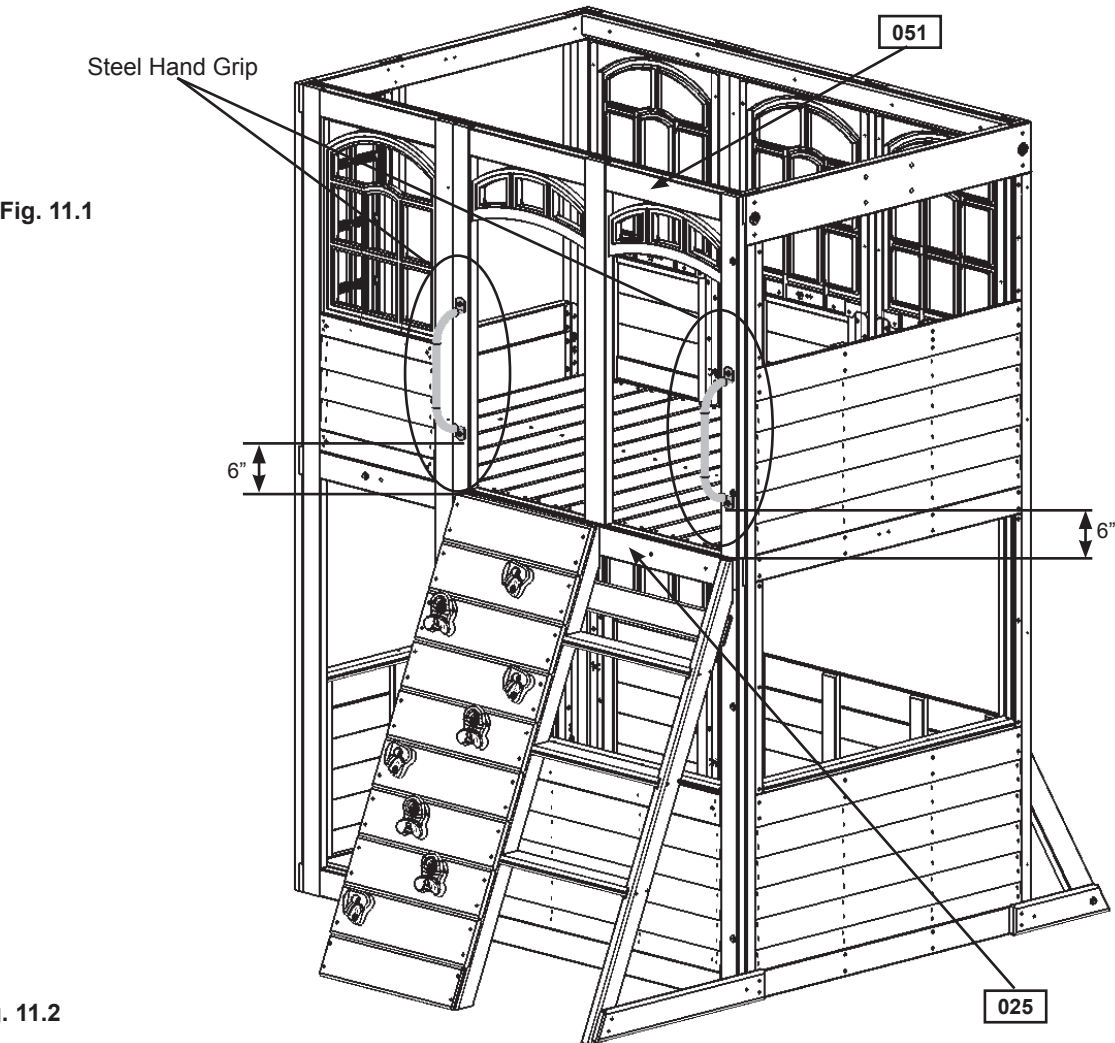
1 x S4 #8 x 3" Wood Screw  
4 x S11 #8 x 2" Wood Screw



# Step 11: Attach Steel Hand Grips to Fort



**A:** Measure 6" from the top of (025) RW/AL Support on (051) Front Wall Panel in the 2 places shown below and attach 2 Steel Hand Grips with 2 (S6) #12 x 1" Pan Screws (with flat washer) per Steel Hand Grip. (fig. 11.1 and 11.2)



### Hardware

4 x (S6) #12 x 1" Pan Screw  
(1/4" flat washer)

### Other Parts

2 x Steel Hand Grip

# Step 12: Door Panel Assembly

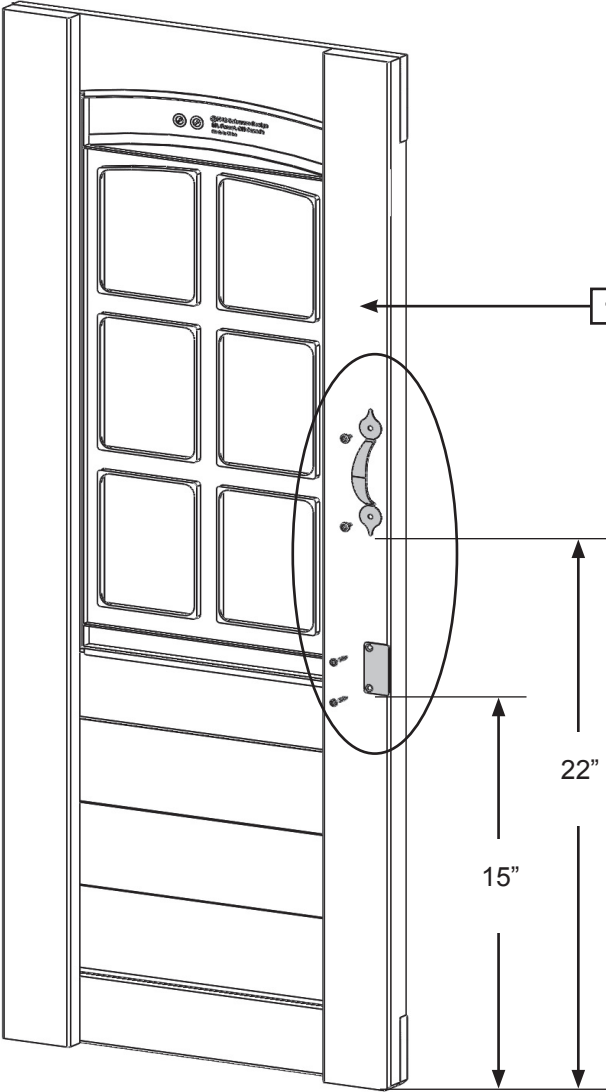
## Part 1



**A:** On the inside of (120) Door Window Panel measure 15" up from the bottom and attach Catch Plate flush to the edge using 2 (S18) #6 x 1" Wood Screws. (fig. 12.1 and 12.2)

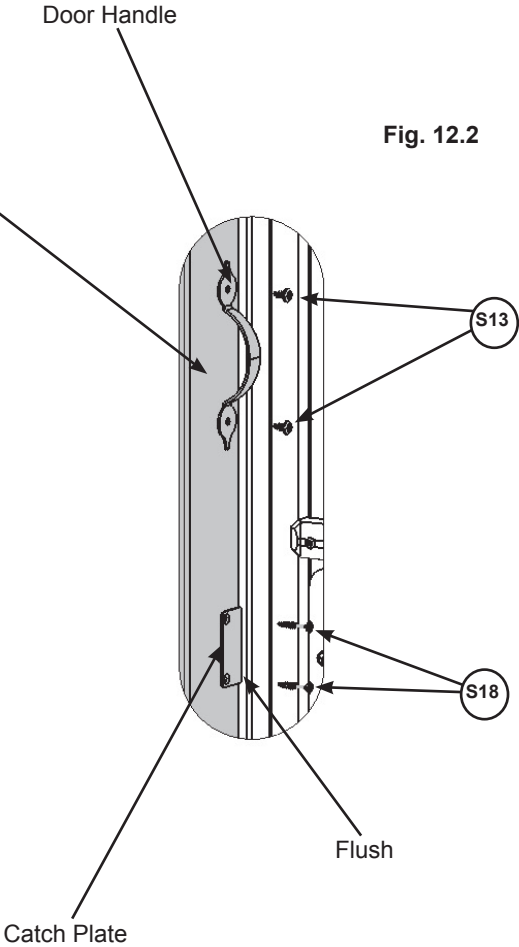
**B:** On the inside of (120) Door Window Panel measure 22" up from the bottom and attach 1 Door Handle using 2 (S13) #6 x 5/8" Pan Screws. (fig. 12.1 and 12.2)

Fig. 12.1



Inside View

Fig. 12.2



### Wood Parts

1 x 120 Door Window Panel 1-1/4 x 15-3/4 x 40-3/4"

### Hardware

2 x S18 #6 x 1" Wood Screw  
2 x S13 #6 x 5/8" Pan Screw

### Other Parts

1 x Door Handle  
1 x Catch Plate

## Step 12: Door Panel Assembly Part 2

**C:** On the outside of the (120) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 12.3)

**D:** Attach 2 Door Hinges on the outside of the (120) Door Window Panel on the opposite side from the Door Handle. Judge spacing based on fig. 12.3. Use 3 (S13) #6 x 5/8" Pan Screws per Hinge.

**Note:** Hinge stops must be tight to (120) Door Window Panel. (fig. 12.4)

Fig. 12.3

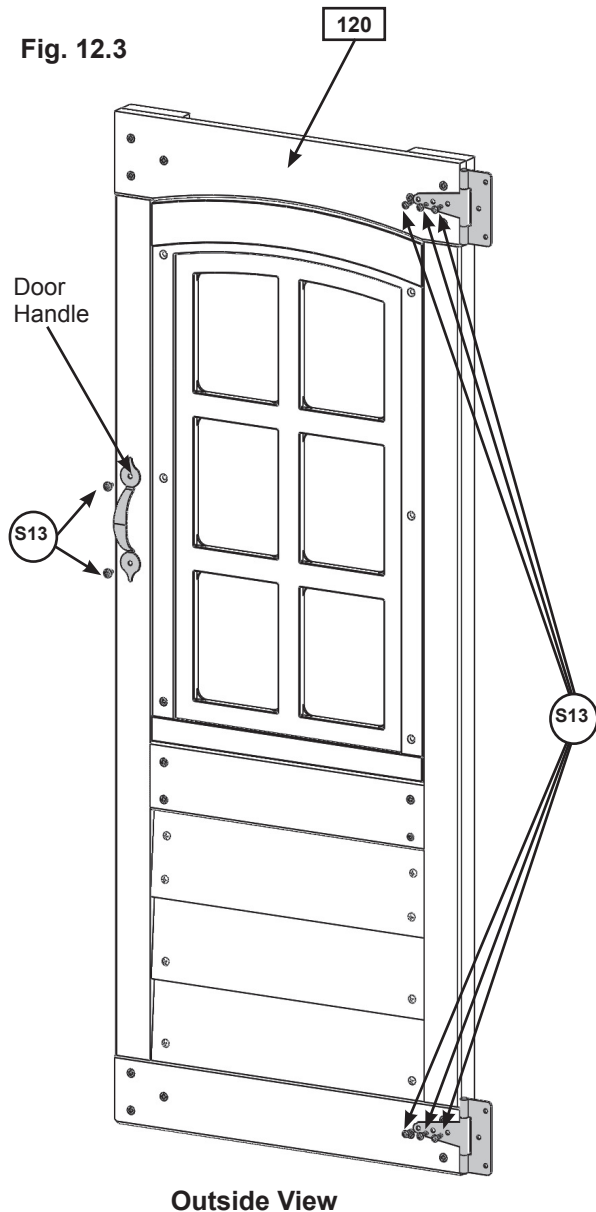
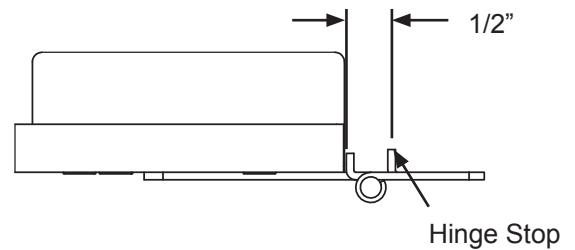


Fig. 12.4

Top View



### Hardware

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

### Other Parts

1 x Door Handle  
2 x Door Hinge

## Step 12: Door Panel Assembly Part 3



**E:** In the opening for the door, measure 5/8" from the top of (042) Front Narrow Panel bottom and maximum 5/8" from right side of the opening which would be the Door Hinge side and attach the remaining side of the hinges to (042) Front Narrow Panel using 3 (S13) #6 x 5/8" Pan Screws per hinge. (fig. 12.5 and 12.6)

Fig. 12.5

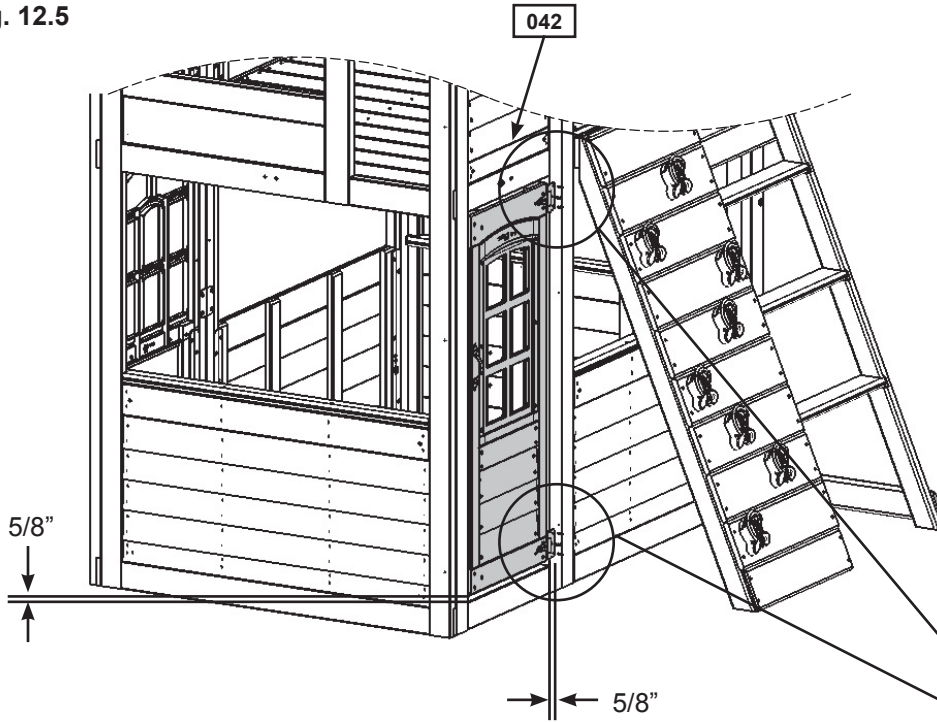
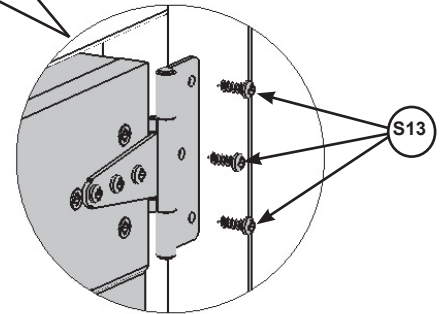


Fig. 12.6



### Hardware

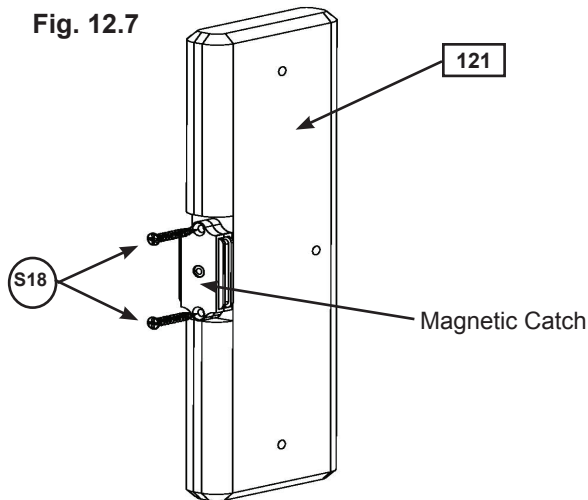
6 x (S13) #6 x 5/8" Pan Screw

# Step 12: Door Panel Assembly Part 4

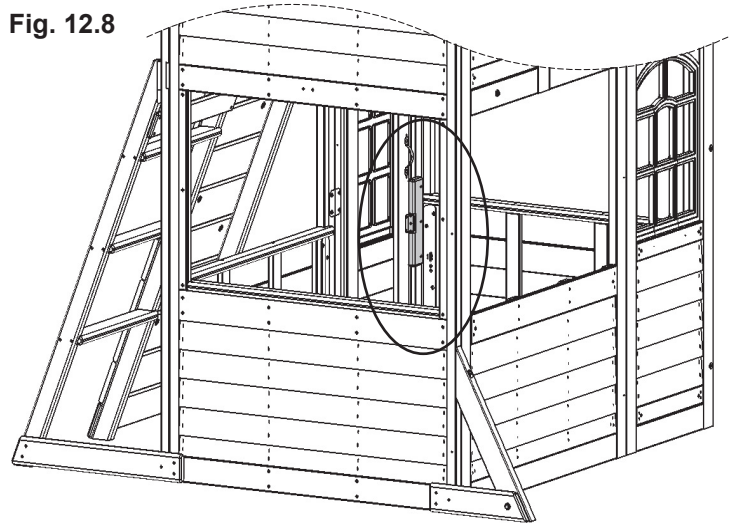


**F:** In the notched out opening of (121) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 12.7) **Important: Use a handheld screwdriver and DO NOT overtighten.**

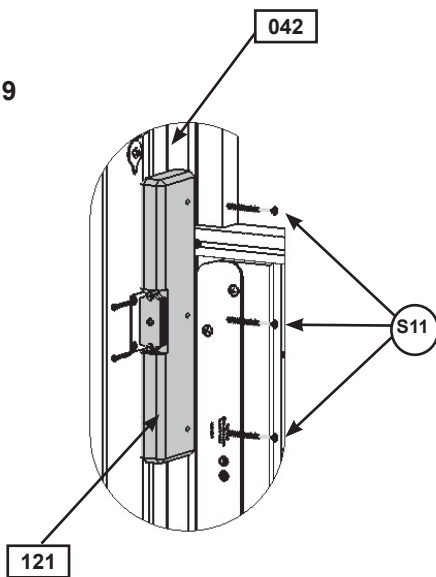
**G:** On the inside of the assembly, attach (121) Door Stop to (042) Front Narrow Panel with 3 (S11) #8 x 2" Wood Screws, making sure (121) Door Stop overhangs (042) Front Narrow Panel by 1-1/4" and is in position to receive the Catch Plate. (fig. 12.8, 12.9 and 12.10).



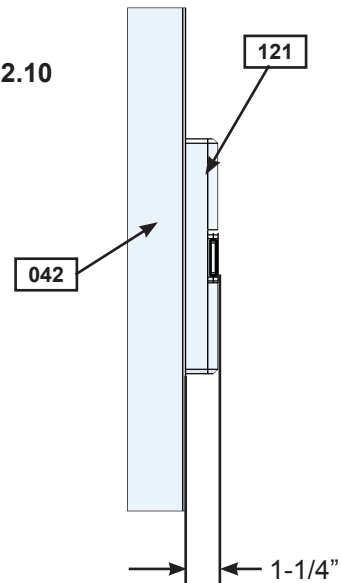
**Fig. 12.8**



**Fig. 12.9**



**Fig. 12.10**



## Wood Parts

1 x (121) Door Stop 5/4 x 3 x 10"

## Hardware

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

3 x (S11) #8 x 2" Wood Screw

## Other Parts

1 x Magnetic Catch

# Step 13: Back Wall Assembly

## Part 1

**A:** Place (130) Table Support flush to the notched out ends of (131) Table Top and attach with 4 (S7) #12 x 2" Pan Screws as shown in fig. 13.1.

**B:** Place Table Top Assembly tight in the opening of (052) Back Wall Panel and attach (130) Table Support to (052) Back Wall Panel with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 13.2 and 13.3)

Fig. 13.1

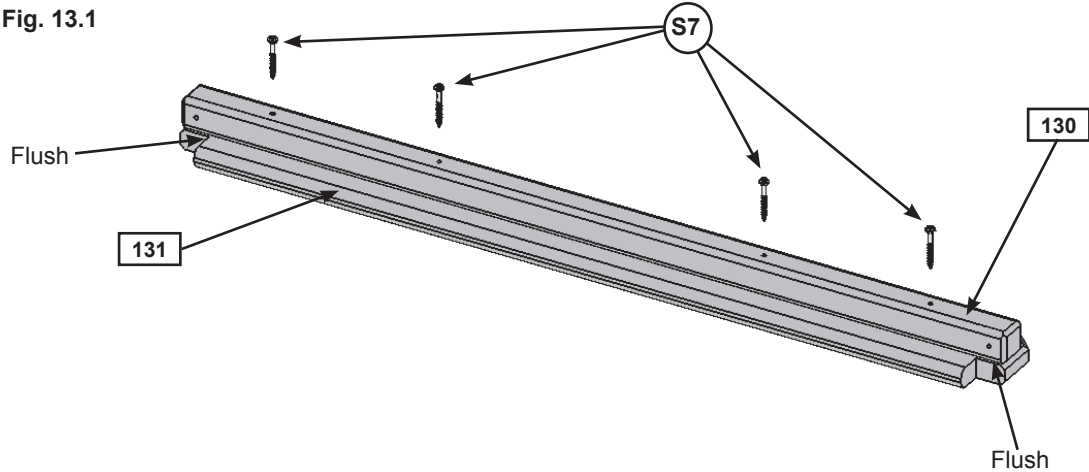


Fig. 13.2

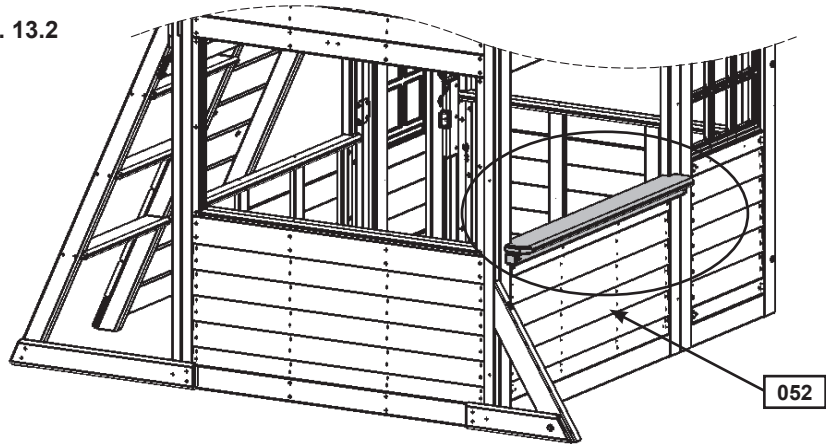
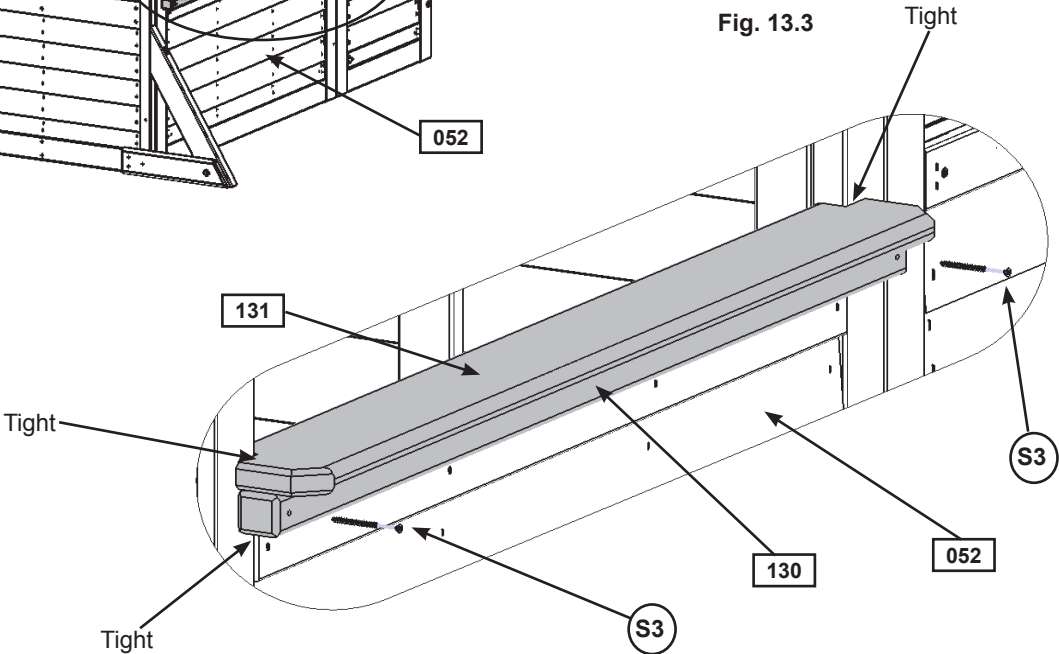


Fig. 13.3



### Wood Parts

- 1 x 130 Table Support 2 x 2 x 39-5/8"
- 1 x 131 Table Top 5/4 x 5 x 39-5/8"

### Hardware

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



## Step 13: Back Wall Assembly Part 2

**C:** Place (132) Chalkwall Block flush to the inside edge of (131) Table Top and tight to left hand side of (052) Back Wall Panel then attach with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 13.4 and 13.5)

**D:** From inside the assembly place Sky Chalk Wall tight to (132) Chalkwall Block and (052) Back Wall Panel then attach with 4 (S10) #8 x 1" Pan Screws from the inside and 1 (S10) #8 x 1" Pan Screw from the outside. (fig. 13.6 and 13.7)

Fig. 13.4

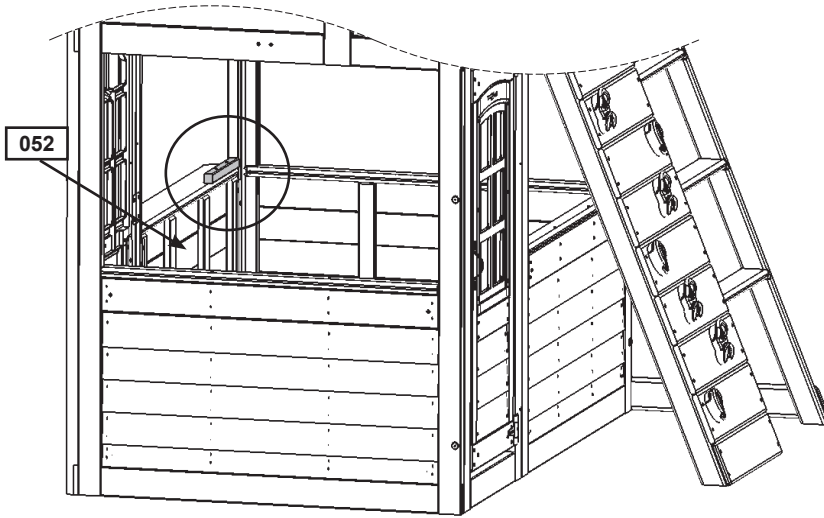


Fig. 13.5  
Inside View

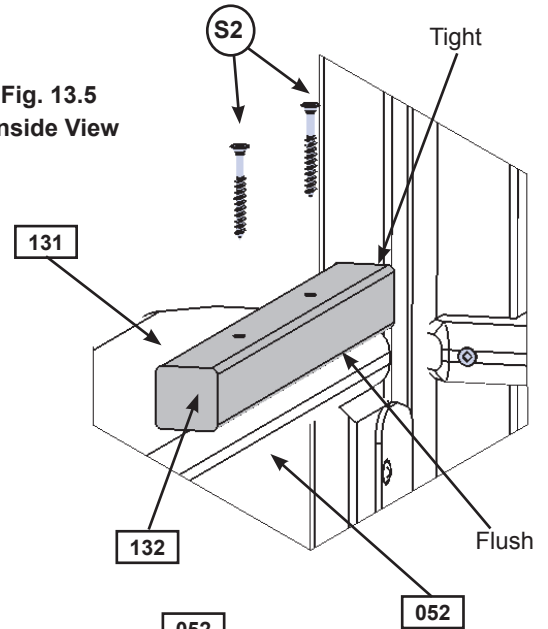


Fig. 13.6  
Outside View

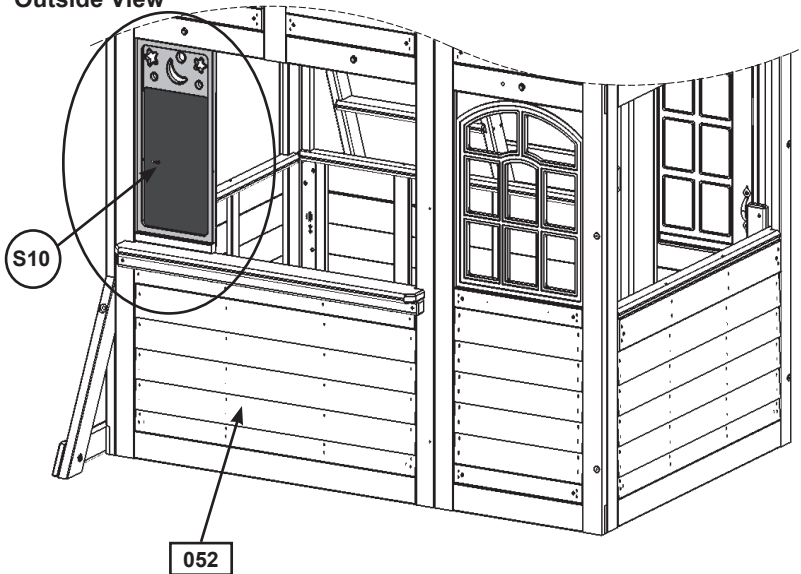
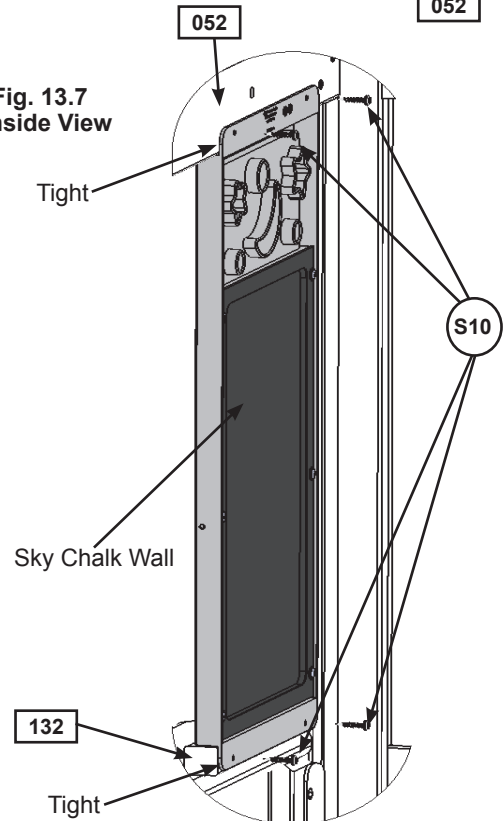


Fig. 13.7  
Inside View



### Wood Parts

1 x 132 Chalkwall Block 1 x 1 x 10"

### Hardware

2 x S2 #8 x 1-1/2" Wood Screw  
5 x S10 #8 x 1" Pan Screw

### Other Parts

1 x Sky Chalk Wall

# Step 14: Swing Beam Assembly

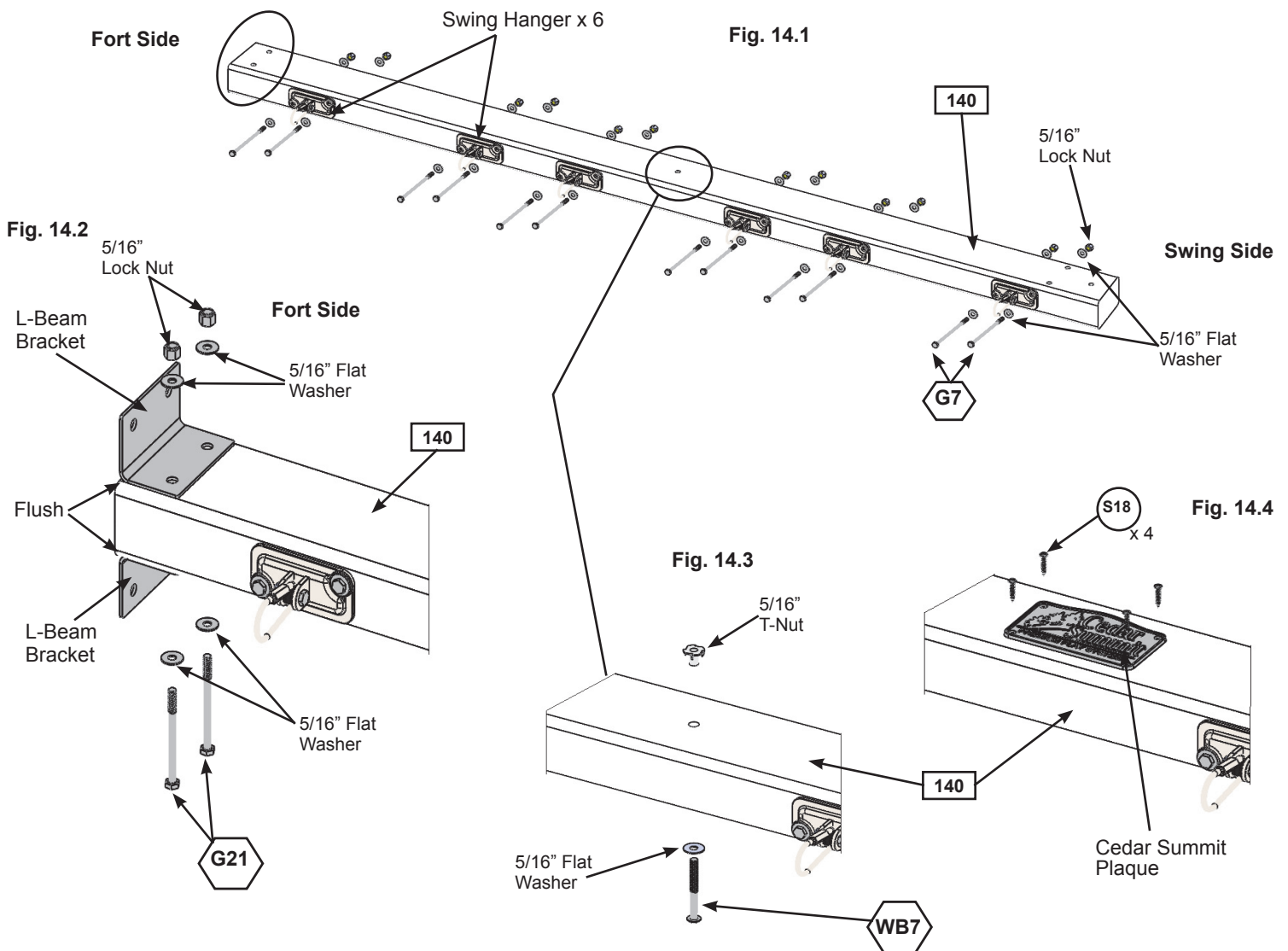


**A:** Attach 6 Swing Hangers to (140) Beam SW using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and 1 lock nut) per swing hanger, as shown in fig. 14.1.

**B:** Flush to the Fort Side end of (140) Beam SW attach 2 L-Beam Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 14.2)

**C:** Install 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (140) Beam SW as shown in fig. 14.1 and 14.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

**D:** Attach Cedar Summit Plaque to centre of (140) Beam SW (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 14.4)



## Wood Parts

1 x 140 Beam SW 4 x 6 x 88"

## Hardware

12 x G7 5/16 x 5-1/2" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)

2 x G21 5/16 x 3-3/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)

1 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

4 x S18 #6 x 1" Wood Screw

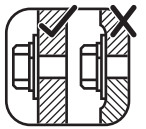
## Other Parts

6 x Swing Hangers

2 x L-Beam Bracket

1 x Cedar Summit Plaque

## Step 15: Swing End Assembly

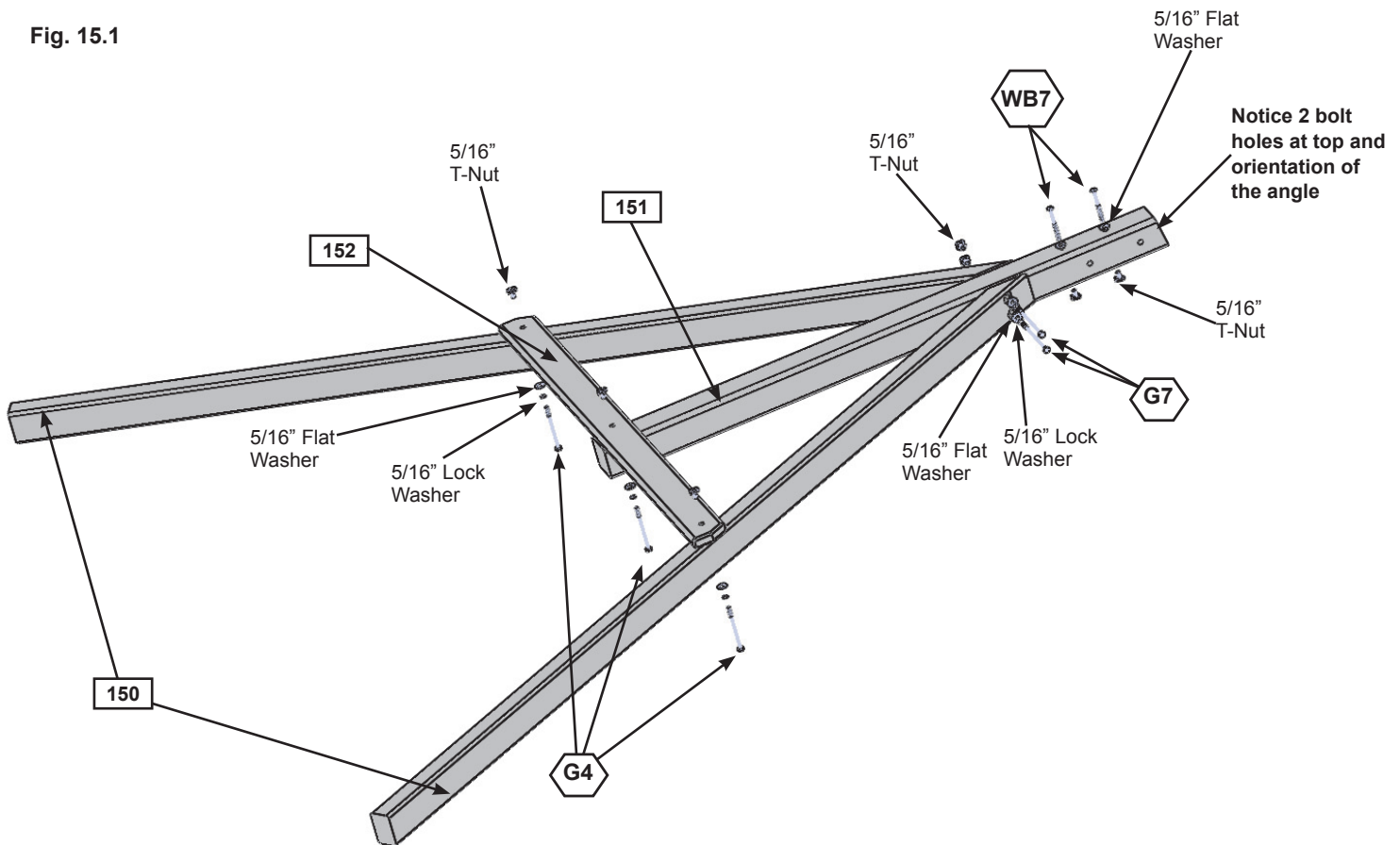


**A:** Loosely attach 2 (150) Heavy SW Posts to (151) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (151) SW Upright and orientation of angle. (fig. 15.1)

**B:** Attach (152) SW Support to both (150) Heavy SW Posts and (151) SW Upright using 3 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts. (fig. 15.1)

**C:** Install 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (151) SW Upright as shown in fig. 15.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 15.1



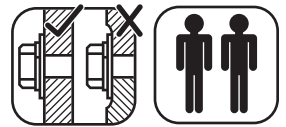
### Wood Parts

- 2 x 150 Heavy SW Post 2 x 3 x 86-11/16"
- 1 x 151 SW Upright 4 x 4 x 50-15/16"
- 1 x 152 SW Support 5/4 x 4 x 46-1/2"

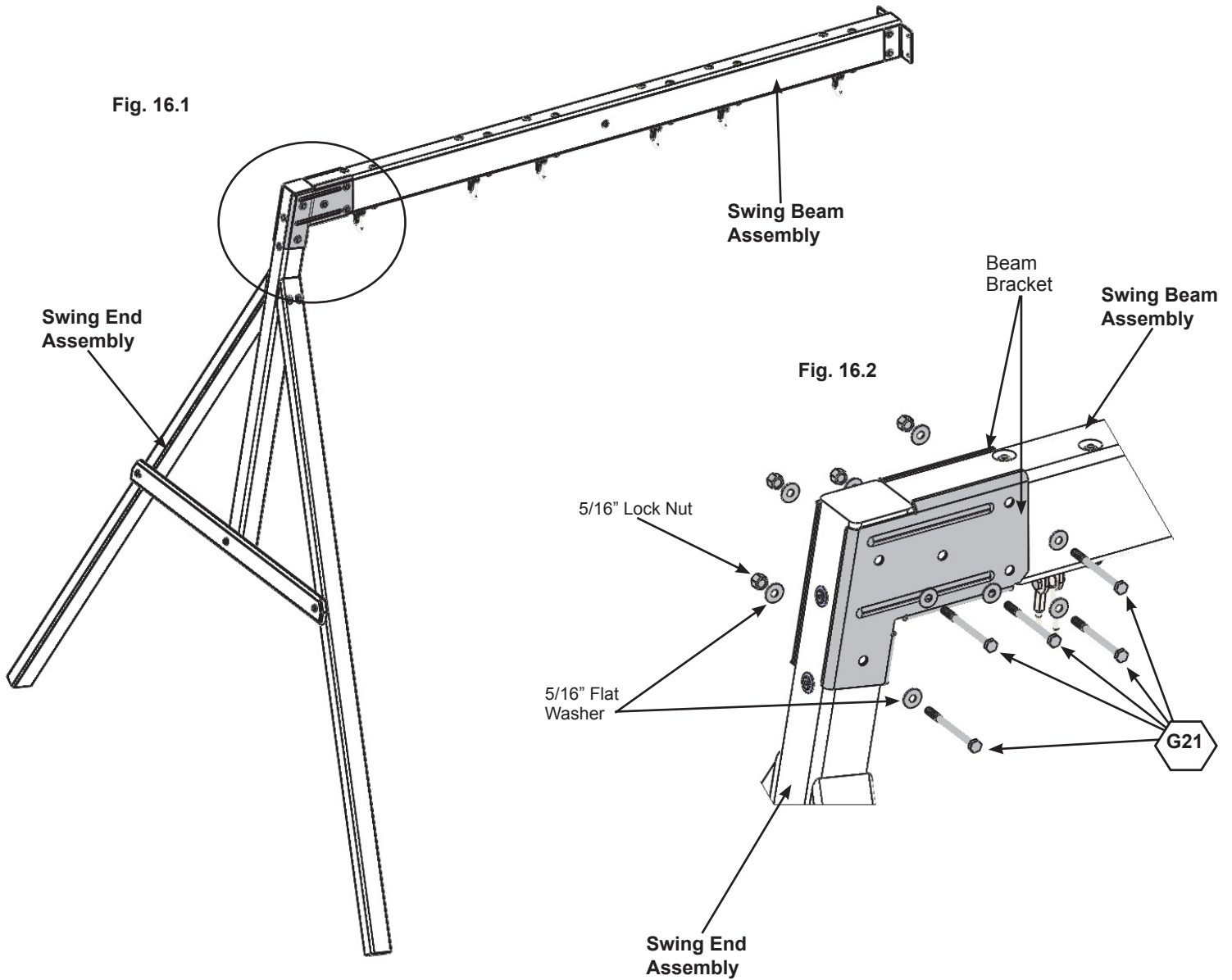
### Hardware

- 2 x G7 5/16 x 5-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 3 x G4 5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 2 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

## Step 16: Attach Swing End to Swing Beam



**A:** Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 16.1 and 16.2)



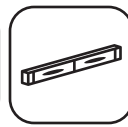
### Hardware

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

### Other Parts

2 x Beam Bracket (Left/Right)

## Step 17: Attach Swing Assembly To Fort



**A:** Place Swing Assembly against top of (050) SW Panel, make sure assembly is level then attach from inside the fort assembly into each L-Beam Bracket with 4 (G27) 5/16 x 1 3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 17.1 and 17.2)

Fig. 17.1

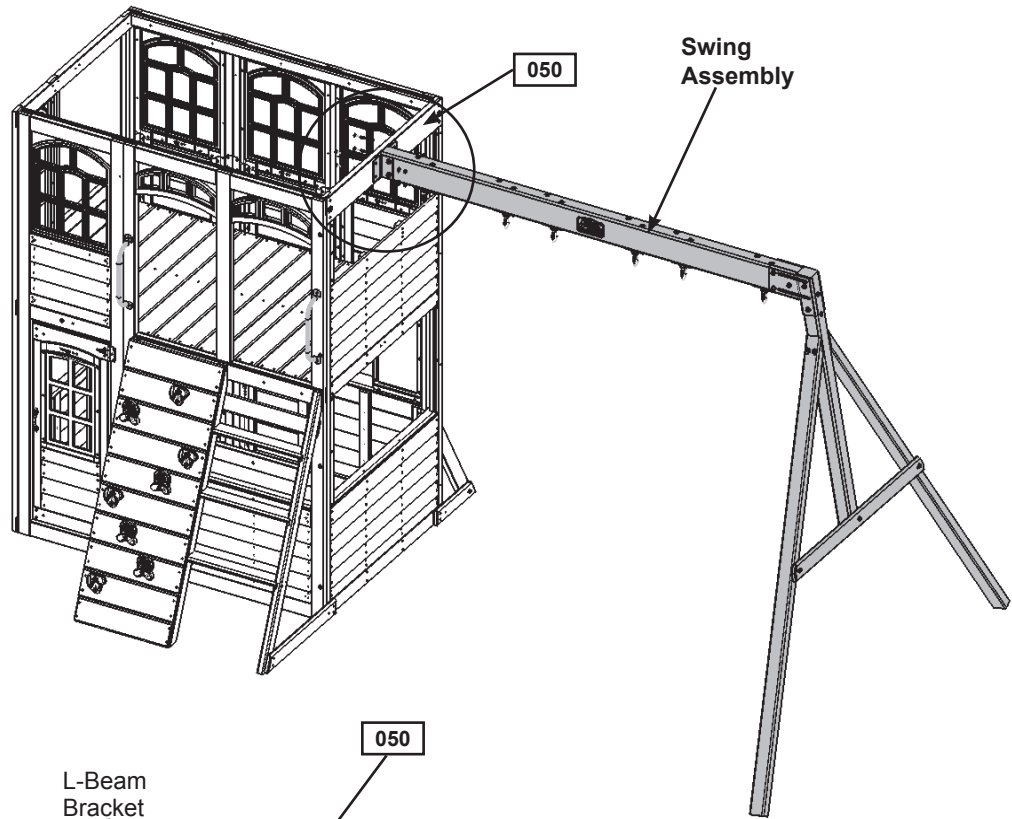
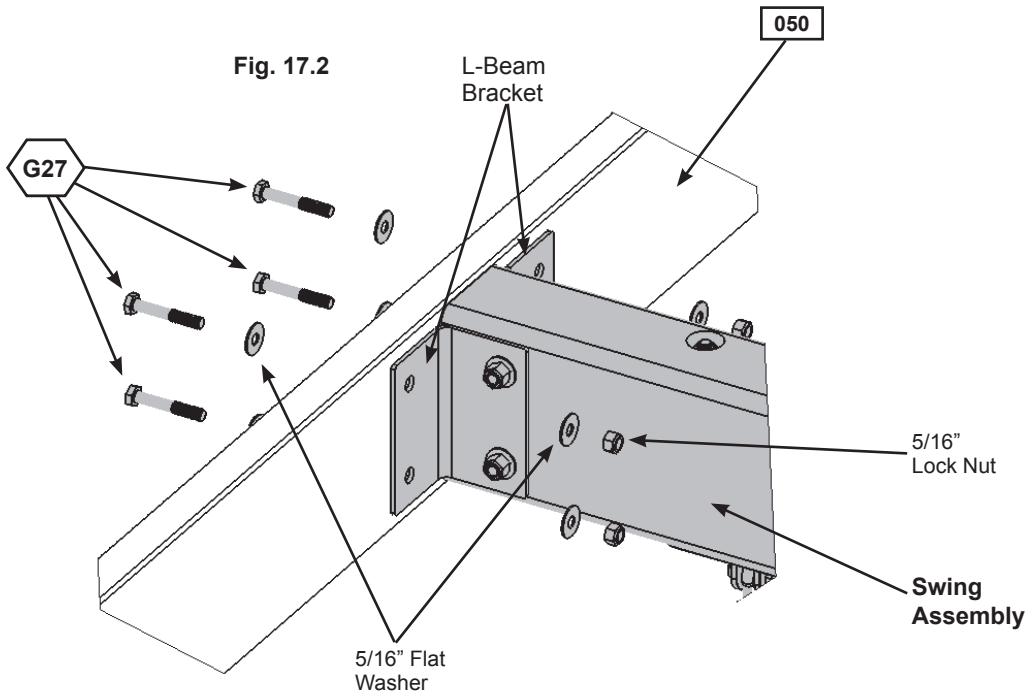



Fig. 17.2



### Hardware

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

## Step 18: Install Ground Stakes

### **MOVE FORT TO FINAL LOCATION PRIOR TO STAKING** **FINAL LOCATION MUST BE LEVEL GROUND**

**A:** In the 5 places shown in fig. 18.1 drive the Rebar Ground Stakes 33 cm (13") into the ground against (040) SL Panel, on the Front, (091) Diagonal, (021) Right Access and both (150) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

**B:** Attach ground stakes using 1 (S7) #12 x 2" Pan Screw per ground stake as shown in fig. 18.2.

**C:** After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.

**⚠ Warning!** To prevent tipping and avoid potential injury, stakes must be driven 33 cm (13") into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 18.1

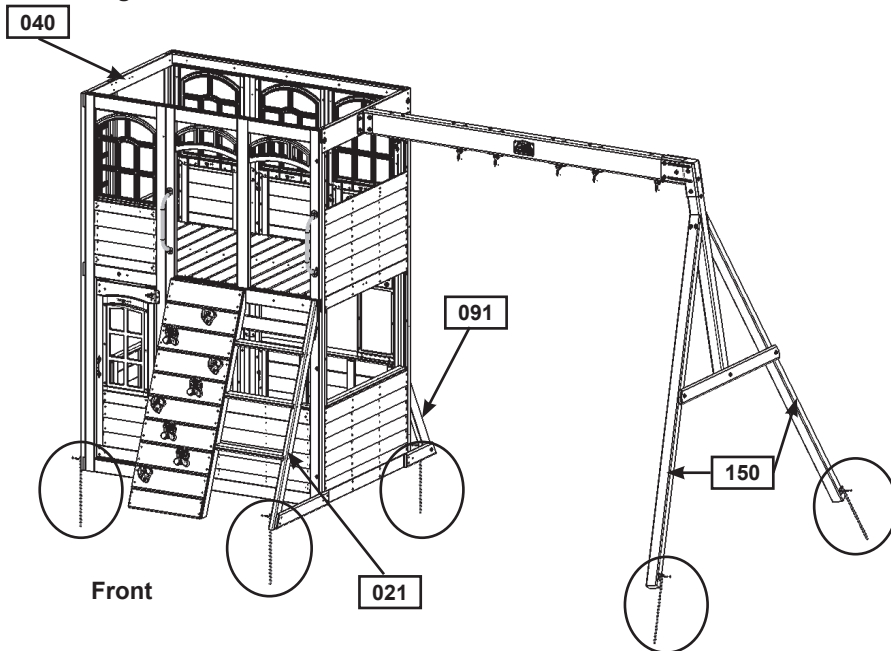
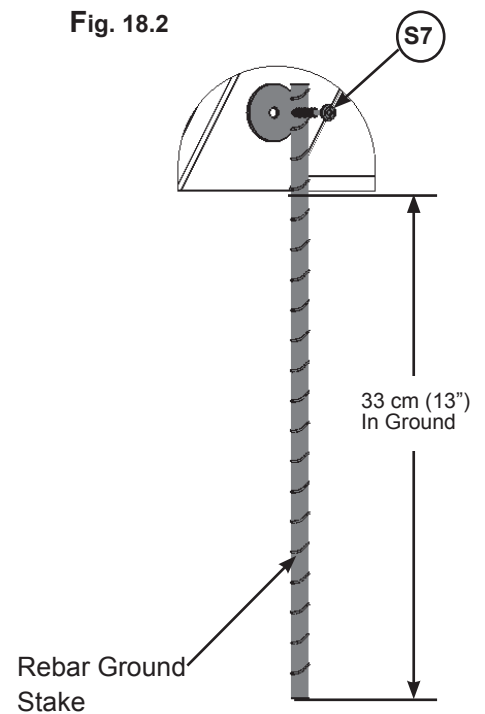



Fig. 18.2



**SEE FRONT COVER FOR  
SAFETY CLEARANCE**

#### Hardware

5 x  #12 x 2" Pan Screw

#### Other Parts

5 x Rebar Ground Stake



# Step 19: Slide Section Assemblies Part 1



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 19.3)

**A:** Fit 2 TNR2 Slide Elbows together and attach with 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 19.1. It is very important to attach bolts as indicated.

**B:** Repeat Step A 3 more times to create 4 Elbow Sections in total.

**C:** Attach TNR3 Extend Flange RT and TNR3 Extend Flange LT together using 9 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 19.2. This creates the Flange Assembly.

Fig. 19.1

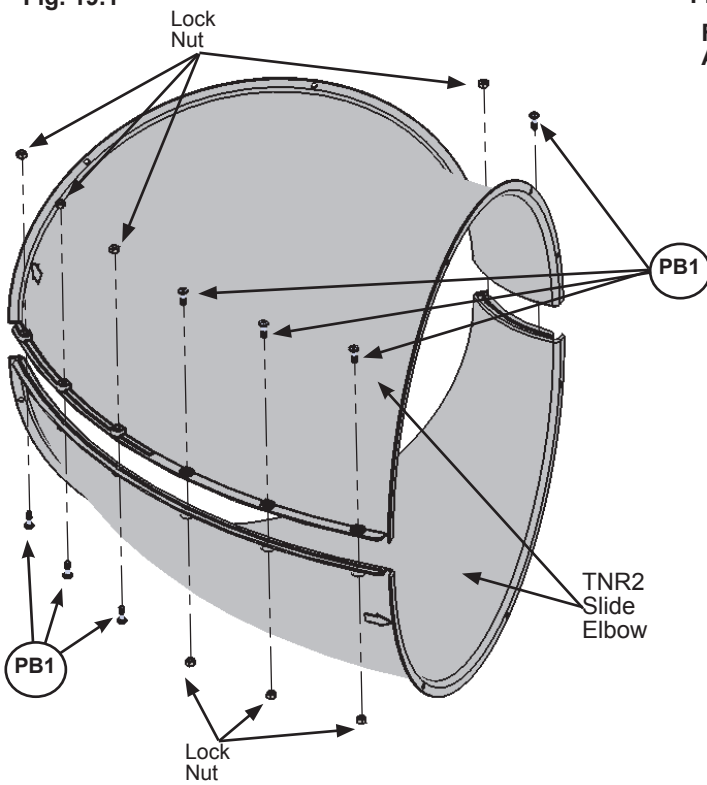


Fig. 19.2  
Flange Assembly

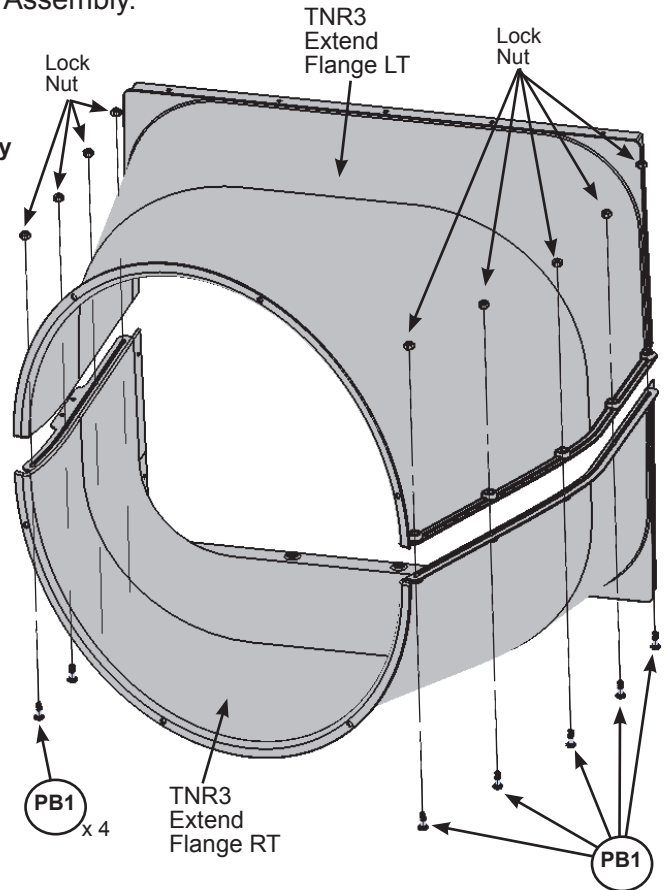
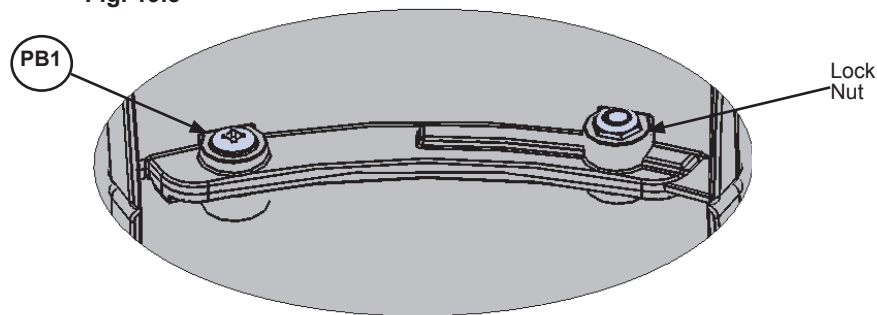


Fig. 19.3



Use a 7/16" open end wrench for nuts

## Hardware

41 x PB1 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

## Other Parts

1 x TNR3 Extend Flange RT  
1 x TNR3 Extend Flange LT  
8 x TNR2 Slide Elbow

# Step 19: Slide Section Assemblies

## Part 2

**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 19.3)

**D:** Attach TNR2 Slide Exit Top and the remaining TNR2 Slide Elbow together using 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 19.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 19.4

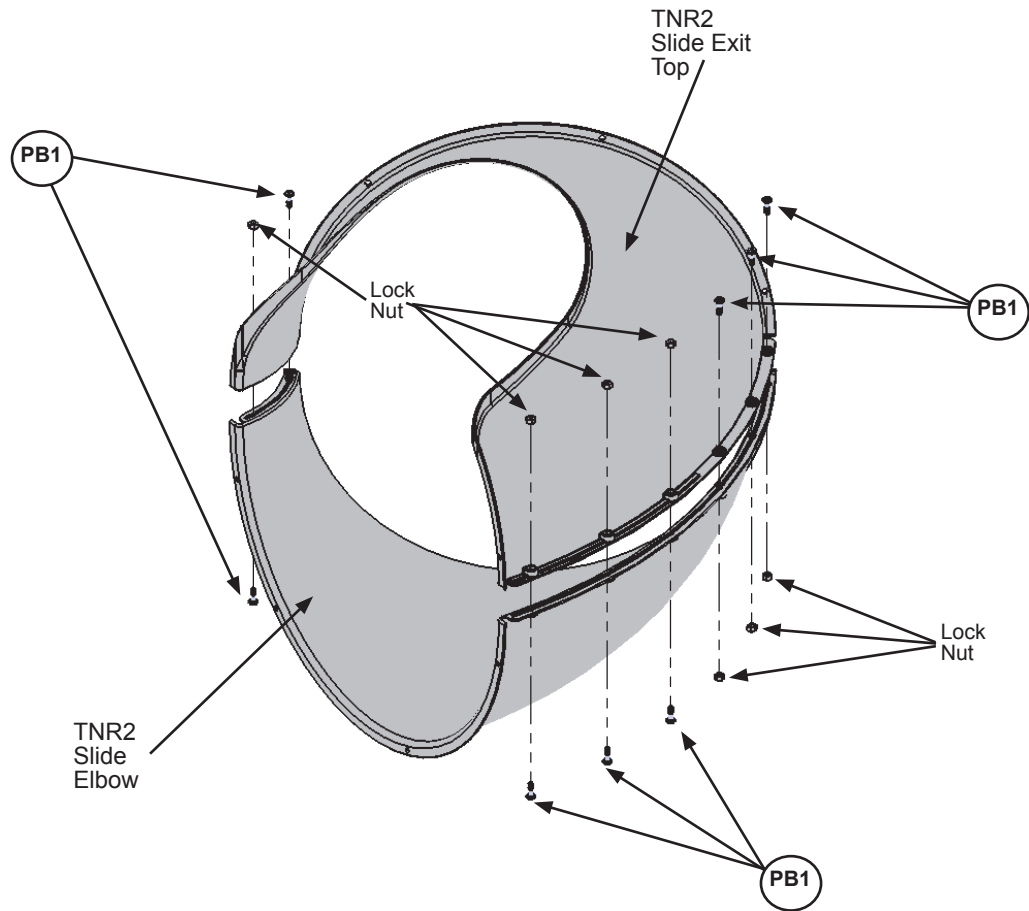
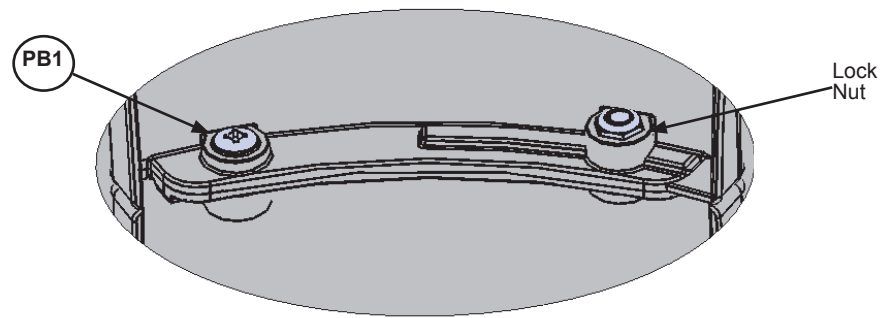


Fig. 19.3



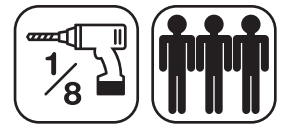
**Hardware**

8 x PB1 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

**Other Parts**

1 x TNR2 Slide Exit Top  
1 x TNR2 Slide Elbow

## Step 20: Attach Flange Assembly to Fort Part 1

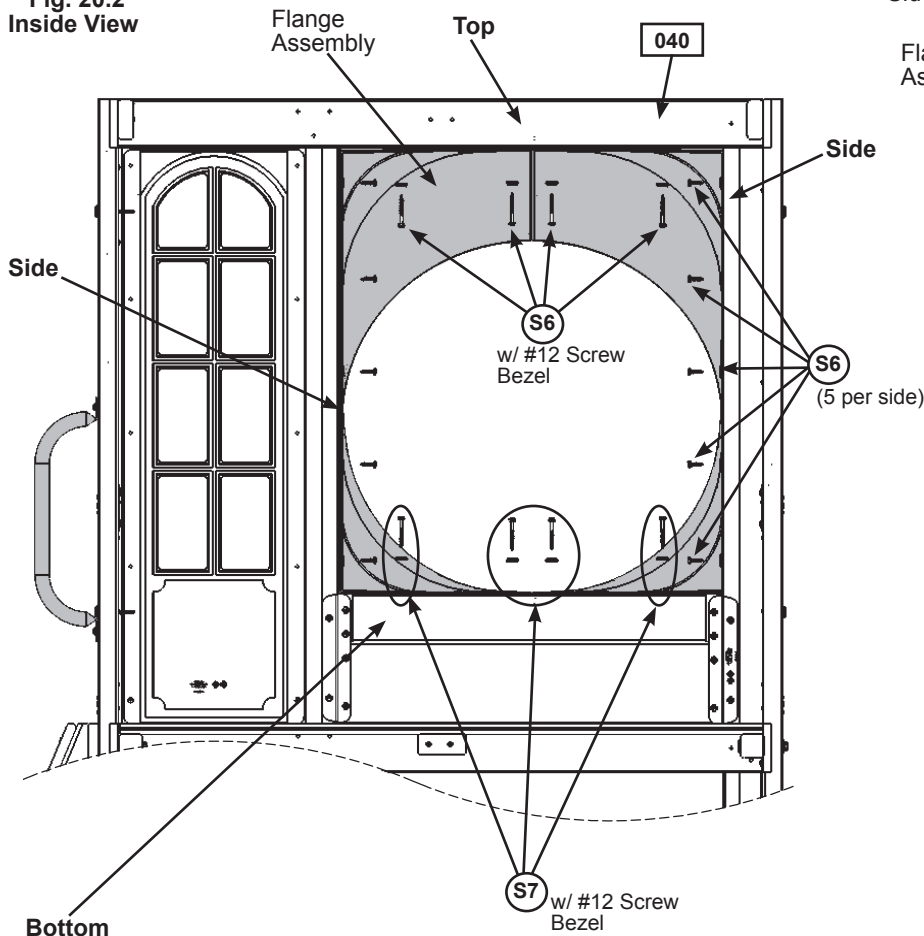


**A:** With a helper place the Flange Assembly flush to the top opening in (040) SL Panel as shown in fig. 20.1, then pre-drill 1/8" pilot holes in the bottom 4 mounting locations (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 2.5 cm (1") deep. (fig. 20.2)

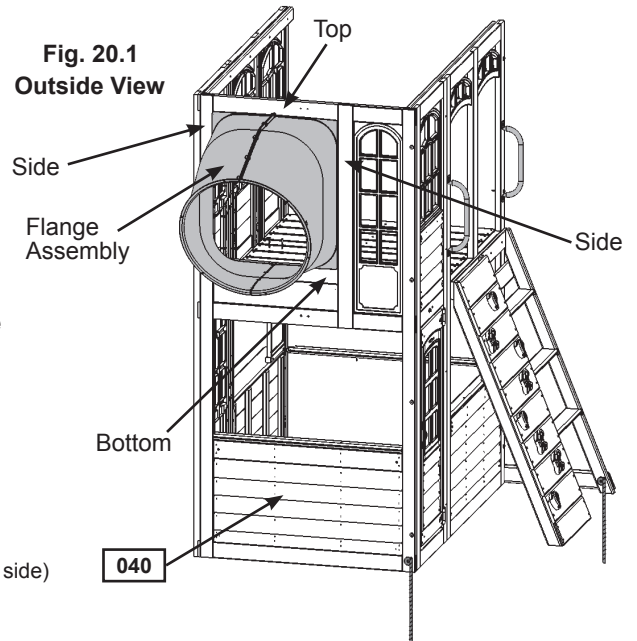
**B:** Attach Flange Assembly to bottom of (040) SL Panel opening using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 20.2) Make sure the flat surfaces of the Flange Assembly are flush to the (040) SL Panel as shown in fig. 20.3.

**C:** Attach the Flange Assembly flush to top of (040) SL Panel opening using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) as shown in fig. 20.2 and to both sides using 5 (S6) #12 x 1" Pan Screw per side. (fig. 20.2)

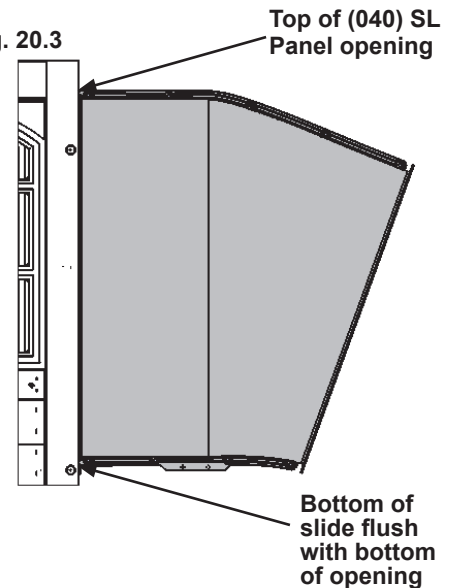
**Fig. 20.2  
Inside View**



**Fig. 20.1  
Outside View**



**Fig. 20.3**



### Hardware

- 14 x #12 x 1" Pan Screw
- 4 x #12 x 2" Pan Screw
- 8 x #12 Screw Bezel

## Step 20: Attach Flange Assembly to Fort Part 2



**D:** Place (200) SL Gusset tight to (040) SL Panel, flush to the top of the bottom opening and attach to Flange Assembly with 2 (S6) #12 x 1" Pan Screws. (fig. 20.4 and 20.5)

**E:** Pre-drill pilot hole with a 3/16" drill bit then attach (200) SL Gusset to (040) SL Panel opening with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer). (fig. 20.4 and 20.5)

Fig. 20.4

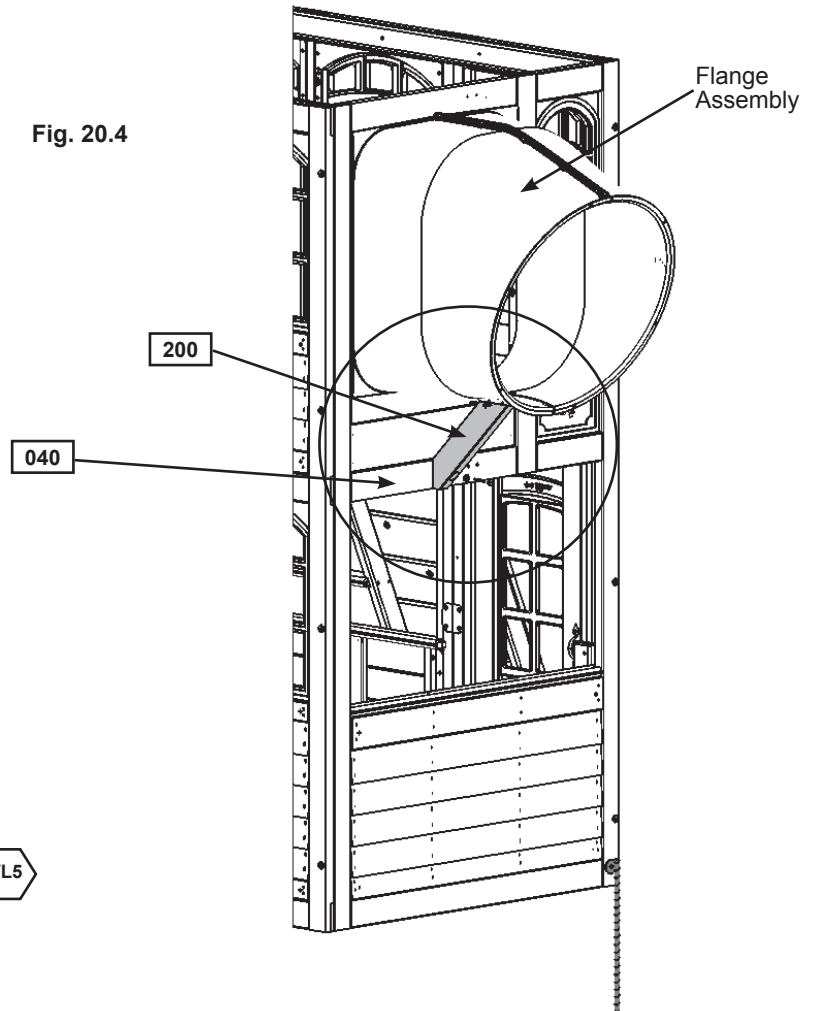
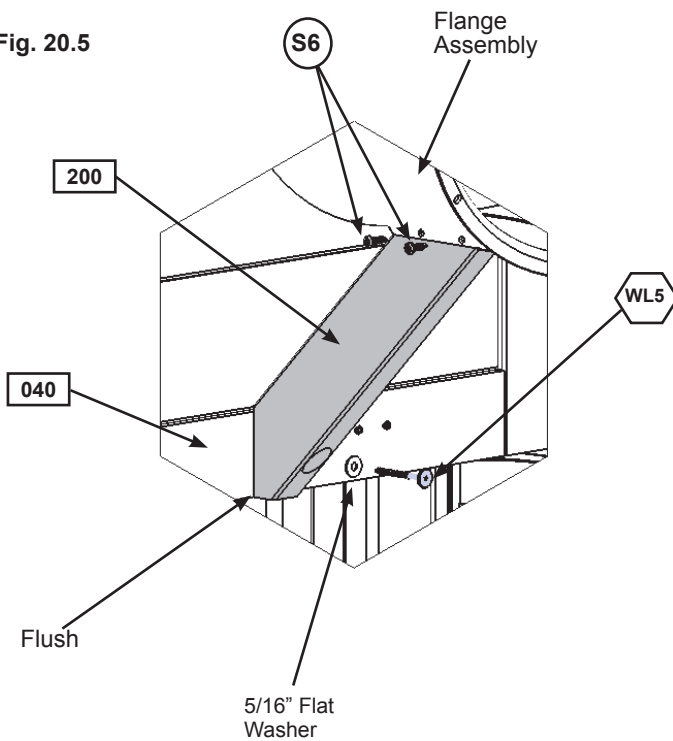


Fig. 20.5



### Wood Parts

1 x **200** SL Gusset 1-1/4 x 3 x 15-3/4"

### Hardware

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

1 x **WL5** 1/4 x 2-1/2" Wafer Lag (5/16" flat washer)

# Step 21: Attach Elbow Assembly to Flange Assembly Part 1



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. (fig. 21.2 and 21.3)

**B:** Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 21.2 and 21.3.

**Use Quadrex Driver as a guide pin for each hole before inserting bolt. (fig. 21.3)**

Fig. 21.1

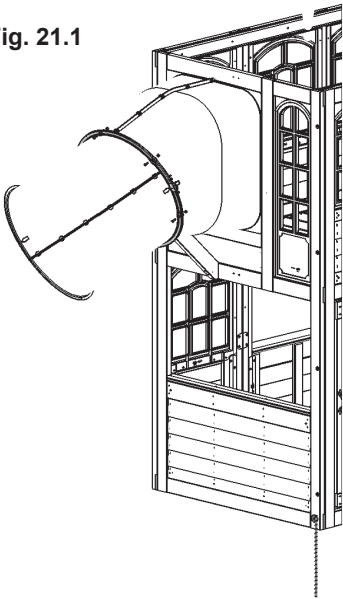


Fig. 21.4



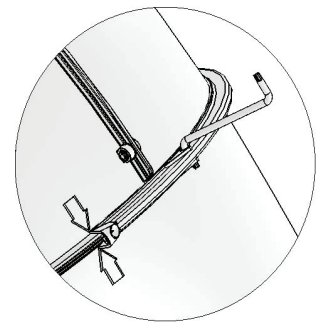
Do not install bolt  
in Clamp Ring ends  
until Step 21D

Quadrex Driver

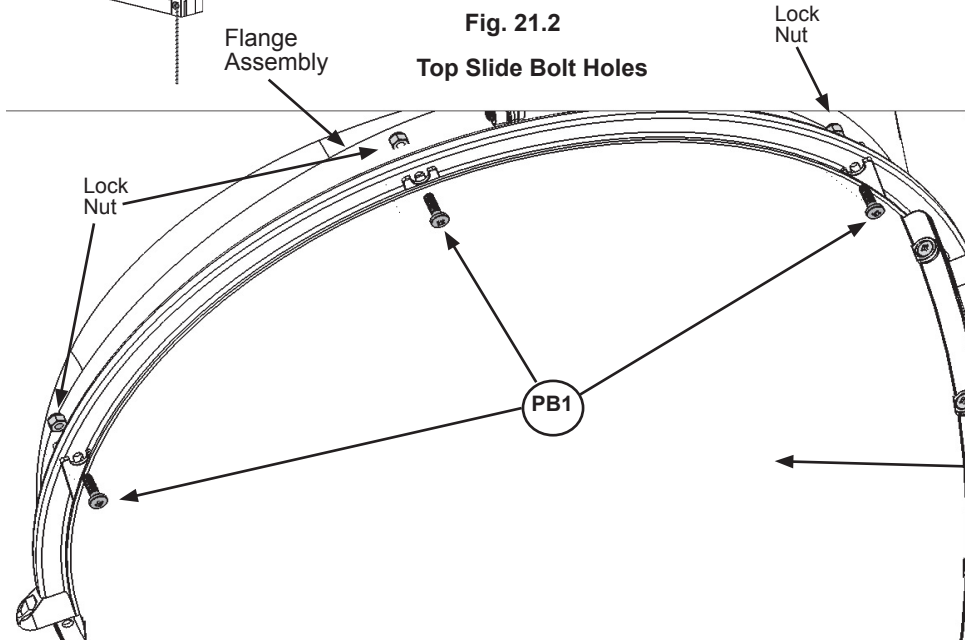


Use special driver provided  
in locations where the curve  
of the elbow are difficult to  
reach with a standard driver.

Fig. 21.3



Align each elbow using the  
molded arrows with the seam  
of the clamp ring.



## Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

## Other Parts

1 x Quadrex Driver  
1 x TNR2 Slide Clamp Ring

## Step 21: Attach Elbow Assembly to Flange Assembly Part 2



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 2 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) on one side and 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) in the other side, making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 21.5, 21.6 and 21.7.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 21.8 and 21.9).

Fig. 21.5

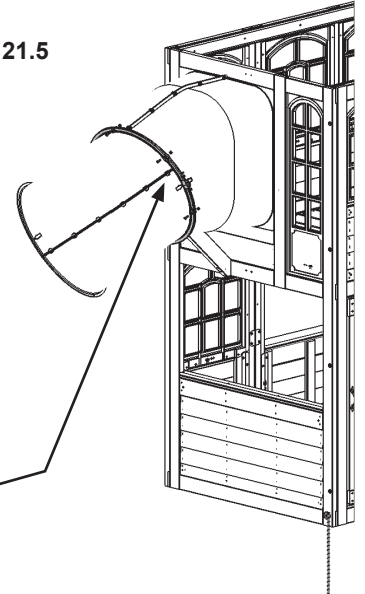


Fig. 21.6

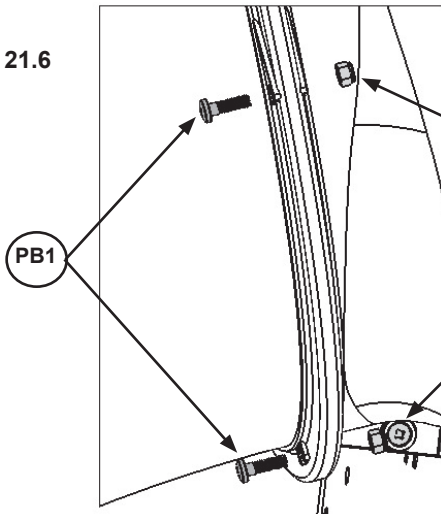


Fig. 21.7 (Side not shown)

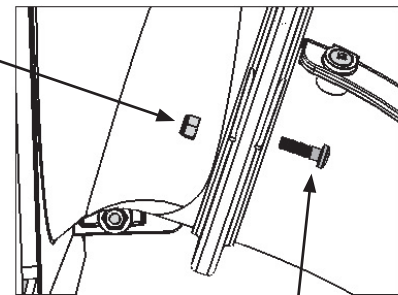


Fig. 21.8

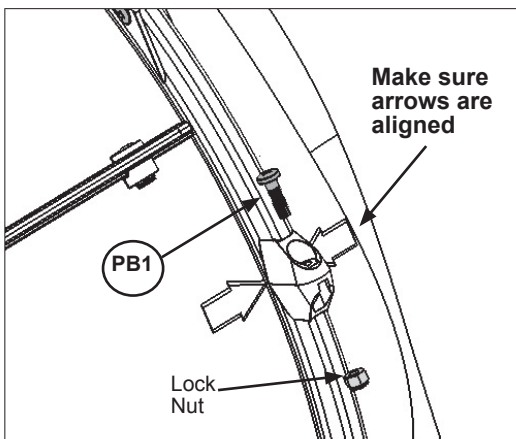
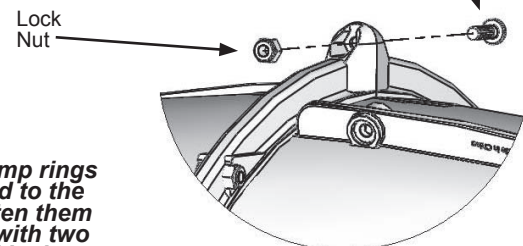


Fig. 21.9



After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts

### Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

1 x TNR2 Slide Clamp Ring



## Step 22: Attach Elbow Assembly to Elbow Assembly Part 1



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit a second Elbow Assembly to the first Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 22.1)

**B:** Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 22.2 and 22.3.

**Use Quadrex Driver as a guide pin for each hole before inserting bolt.**



Do not install bolt  
in Clamp Ring ends  
until Step 22D

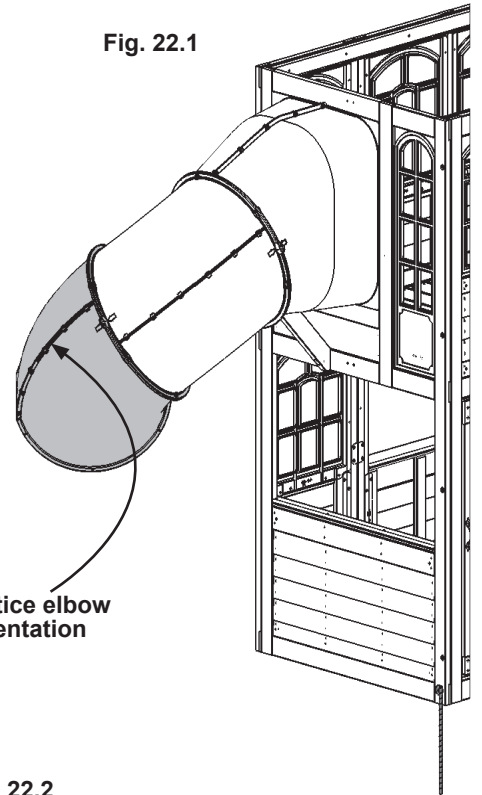


Fig. 22.1

Notice elbow  
orientation

Fig. 22.2  
Top Slide Bolt Holes

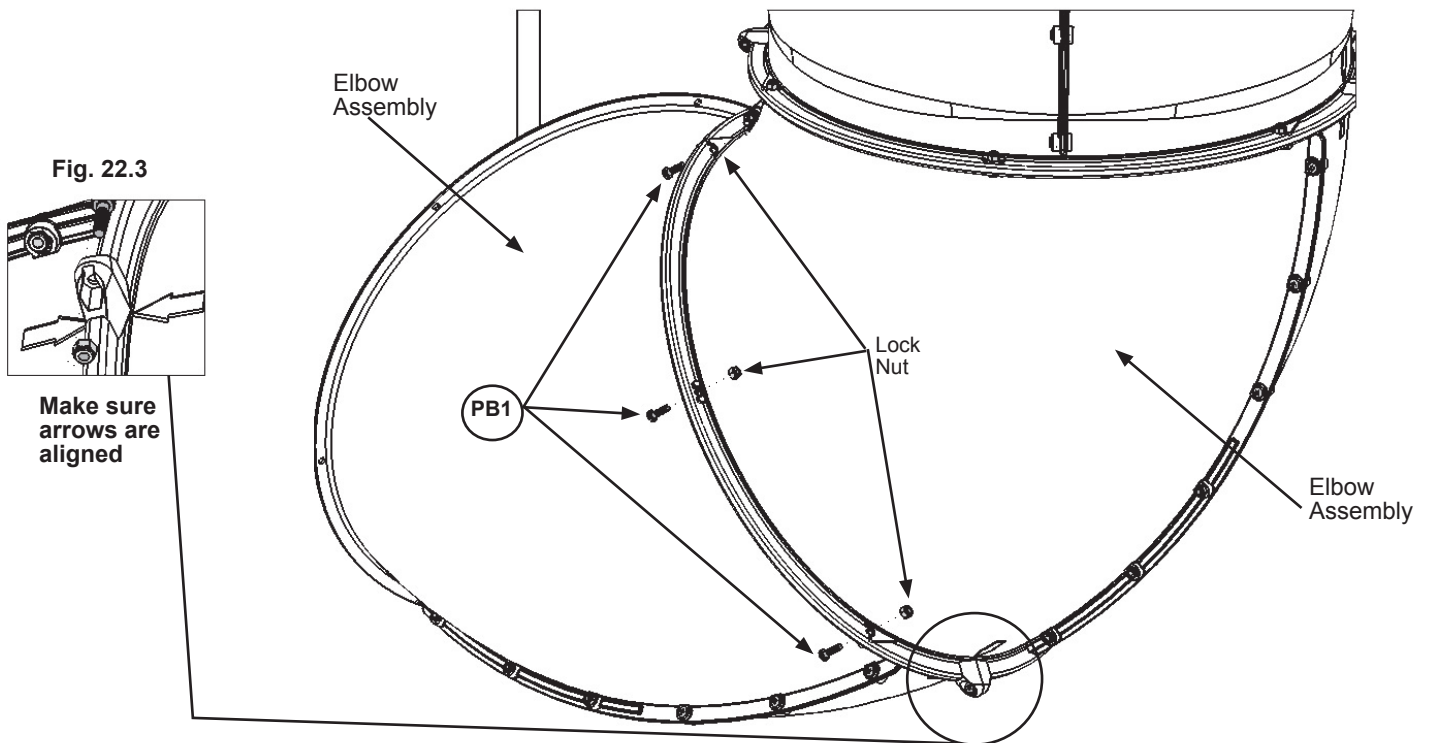


Fig. 22.3

Make sure  
arrows are  
aligned

### Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

1 x TNR2 Slide Clamp Ring

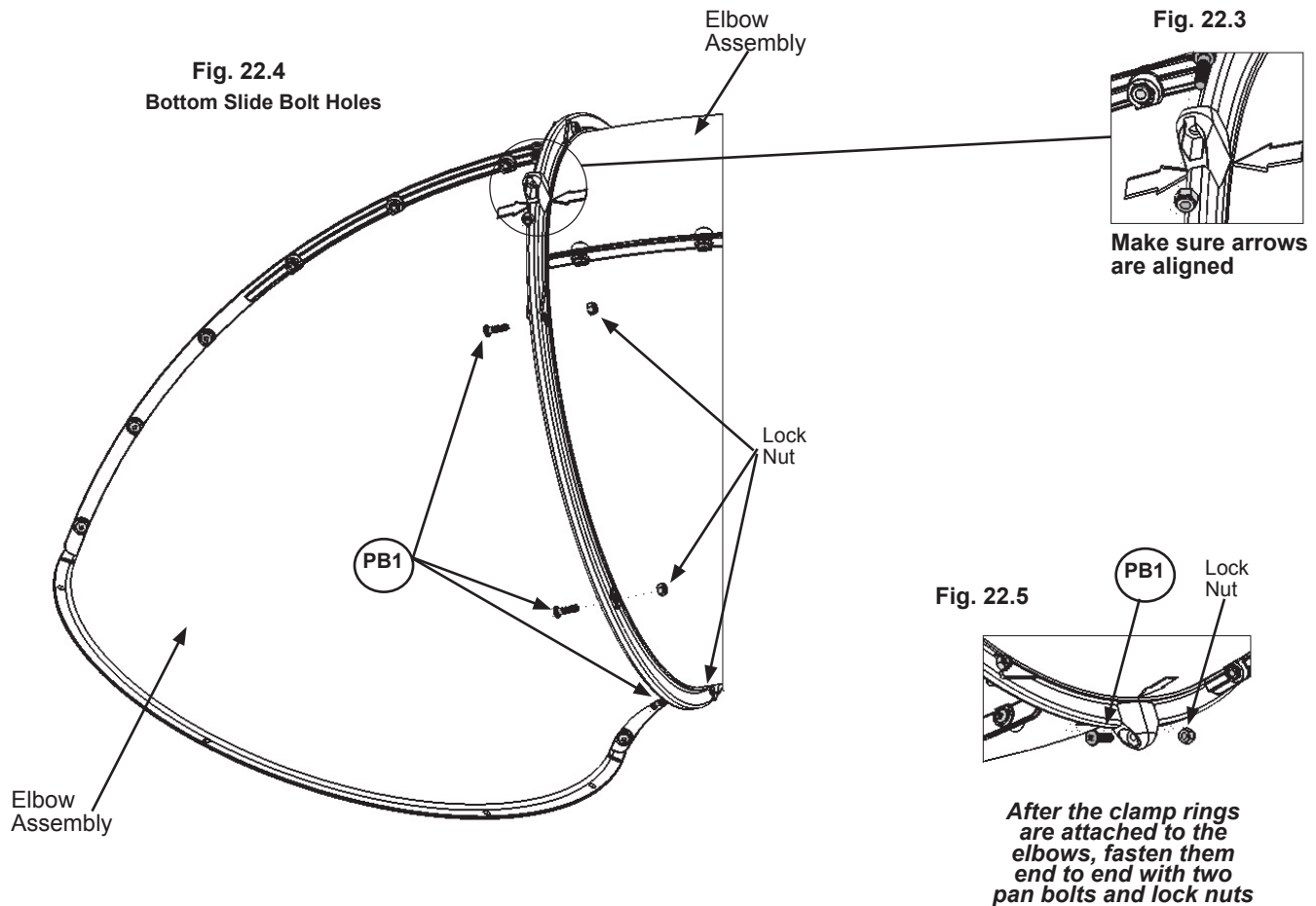
## Step 22: Attach Elbow Assembly to Elbow Assembly Part 2



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 22.3 and 22.4.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 22.3 and 22.5).



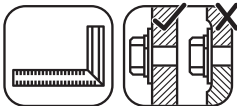
### Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

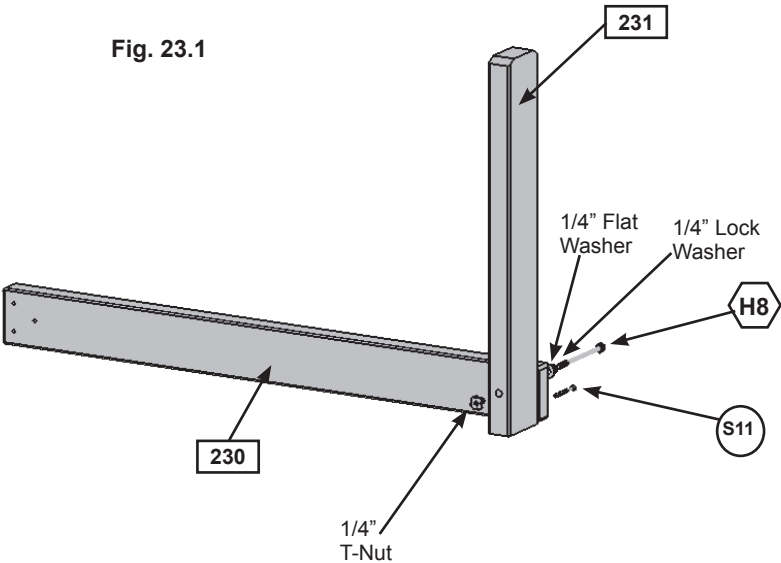
### Other Parts

1 x TNR2 Slide Clamp Ring

# Step 23: TNR Brace Assembly



**A:** Attach (231) TNR Upright to (230) TNR Ground Brace with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S11) #8 x 2" Wood Screw. (fig. 23.1)



### Wood Parts

- 1 x 230 TNR Ground Brace 1-1/4 x 3 x 32-1/4"
- 1 x 231 TNR Upright 1-1/4 x 3 x 20-1/4"

### Hardware

- 1 x S11 #8 x 2" Wood Screw
- 1 x H8 1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

## Step 24: Attach Elbow Assemblies and TNR2 Slide Support



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Attach the two remaining Elbow Assemblies as instructed in Steps 21 and 22.

**B:** Place TNR Brace Assembly against (041) Back Narrow Panel so it sits under the slide. It is not attached yet. (fig. 24.1)

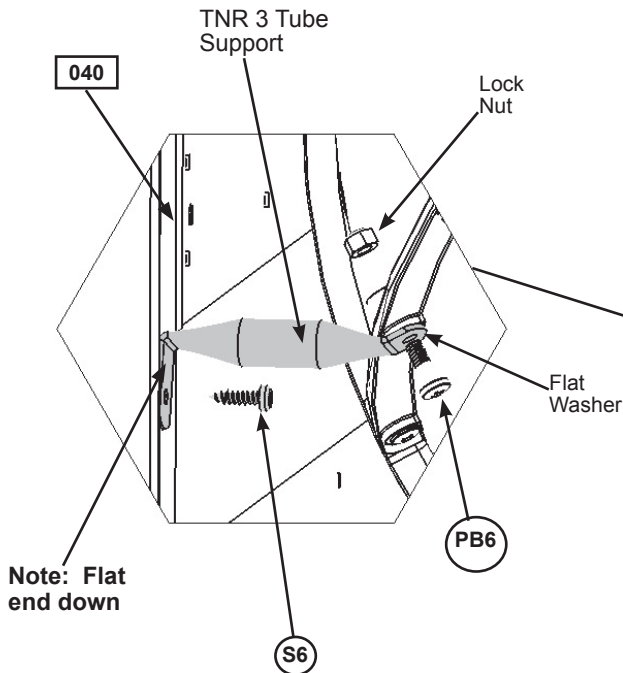
**C:** On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 19). (fig. 24.1) **The bolt will no longer be needed, but keep the lock nut.**

**D:** Loosely attach TNR3 Tube Support (at the slightly bent end) to the Clamp Ring using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 24.2)

**E:** Rotate TNR3 Tube Support and attach to (040) SL Panel using 1 (S6) #12 x 1" Pan Screw as shown in fig. 24.2.

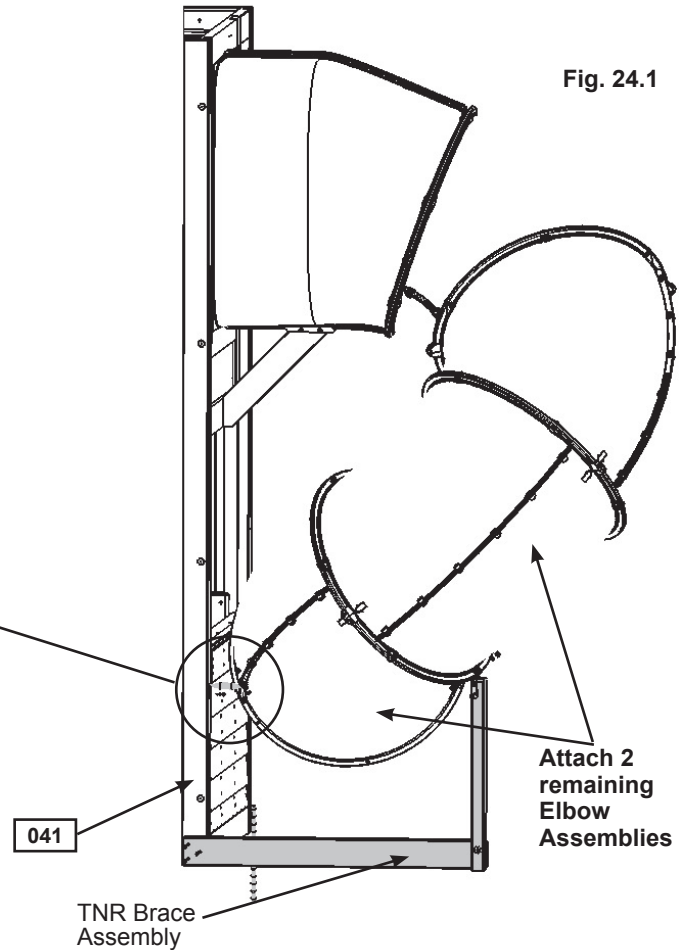
**F:** Fully tighten screw and bolt.

Fig. 24.2



Remove PB1 (1/4 x 3/4" Pan Bolt) first then install PB6 (1/4 x 1" Pan Bolt with flat washer)

Fig. 24.1



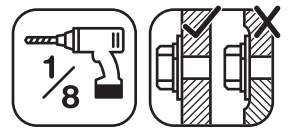
### Hardware

- 1 x (S6) #12 x 1" Pan Screw
- 1 x (PB6) 1/4 x 1" Pan Bolt  
(1/4" flat washer & 1/4" lock nut - previously removed)
- 16 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

- 1 x TNR3 Tube Support
- 4 x TNR2 Slide Clamp Ring

## Step 25: Attach TNR Brace Assembly



**A:** Use (231) TNR Upright as a guide to judge the proper bolt location, remove the bottom pan bolt and nut. **The bolt will no longer be needed, but keep the lock nut.** (fig. 25.1 and 25.2)

**B:** Attach the top of the TNR3 Post Mount to TNR2 Slide Clamp Ring using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with the previously removed lock nut and 1 flat washer). (fig. 25.2)

**C:** Insert TNR3 Post Mount on (231) TNR Upright, pre-drill with a 1/8" drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 25.2)

**D:** Attach (230) TNR Ground Brace flush to the bottom of (041) Back Narrow Panel with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 25.1 and 25.3)

Fig. 25.1

Remove PB1 (1/4 x 3/4" Pan Bolt) first then install PB2 (1/4 x 1-1/4" Pan Bolt with previously removed lock nut)

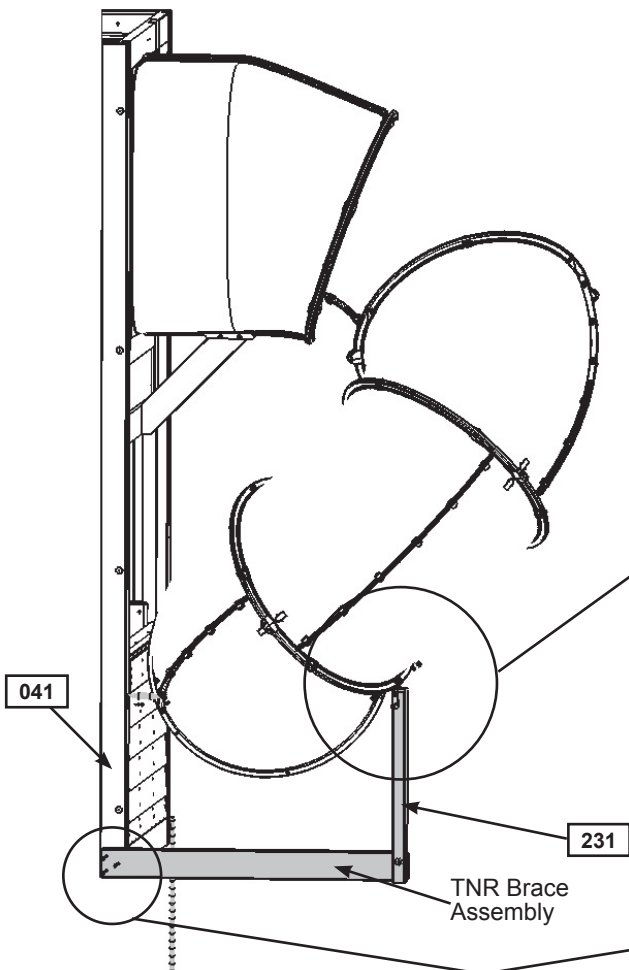


Fig. 25.2

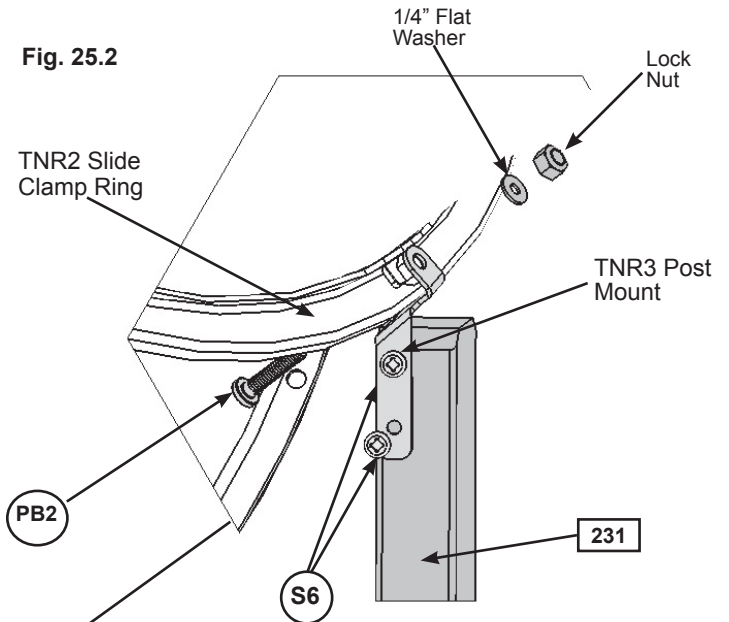
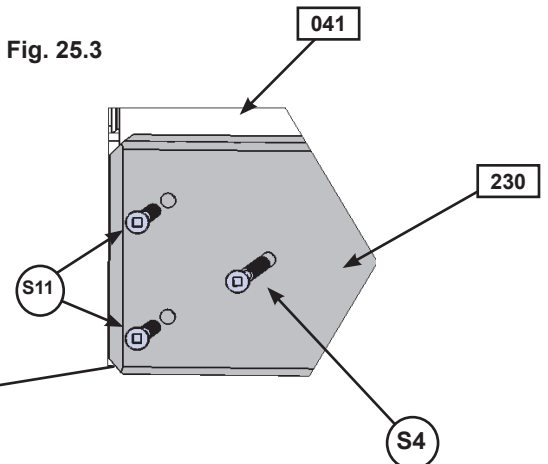


Fig. 25.3



### Hardware

- 1 x (PB2) 1/4 x 1-1/4" Pan Bolt  
1 - (1/4" flat washer, 1/4" lock nut - previously removed)
- 2 x (S6) #12 x 1" Pan Screw
- 1 x (S4) #8 x 3" Wood Screw
- 2 x (S11) #8 x 2" Wood Screw

### Other Parts

- 1 x TNR3 Post Mount

## Step 26: Attach TNR2 Slide Exit to Exit Elbow Assembly



**A:** Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR3 Short Exit. (fig. 26.1)

**B:** Rotate Slide Exit and use Quadrex Driver as a guide pin so the holes are aligned and attach with 5 (PB1) 1/4 x 3/4" Pan Bolts (with lock nuts) starting with the bottom middle hole and working up each side. (fig. 26.2 and 26.3)

**C:** At this point make sure all the slide bolts are tight. **Use a 7/16" open end wrench to hold nut and then tighten bolt with Quadrex Driver on Clamp Rings.**

Fig. 26.1

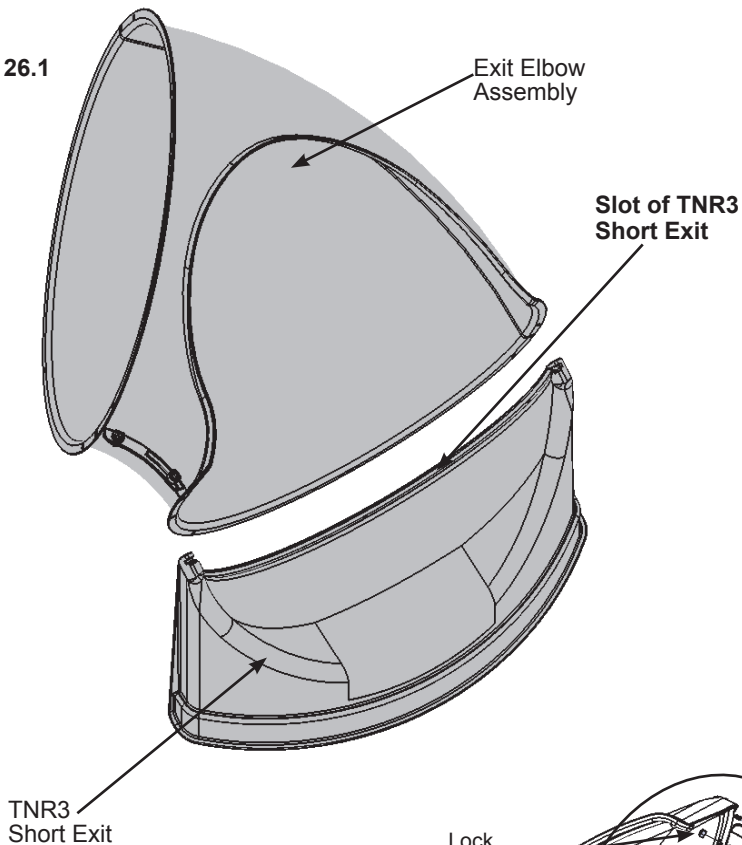


Fig. 26.3

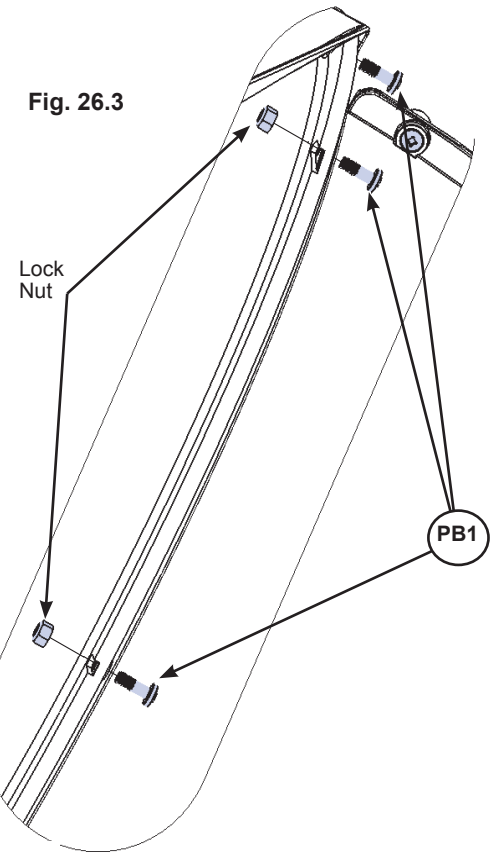
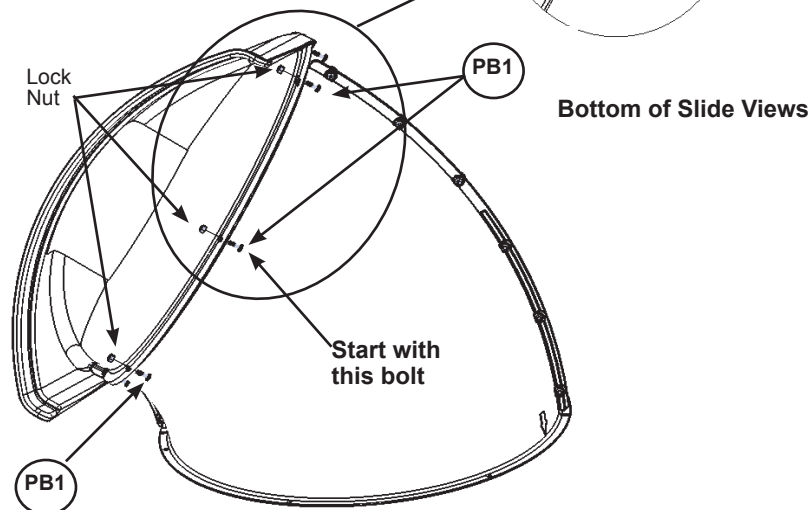


Fig. 26.2



### Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

1 x TNR3 Short Exit



## Step 27: Attach Exit End Assembly to Fort



**Note:** When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

**A:** Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 27.1)

**B:** Place 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies, rotate counter clockwise 1 hole location then attach with 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 27.1.

**Use Quadrex Driver as a guide pin for each hole before inserting bolt.**

**C:** Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 27.2.

**D:** Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 27.3).

Fig. 27.1 Top Slide Bolt Holes

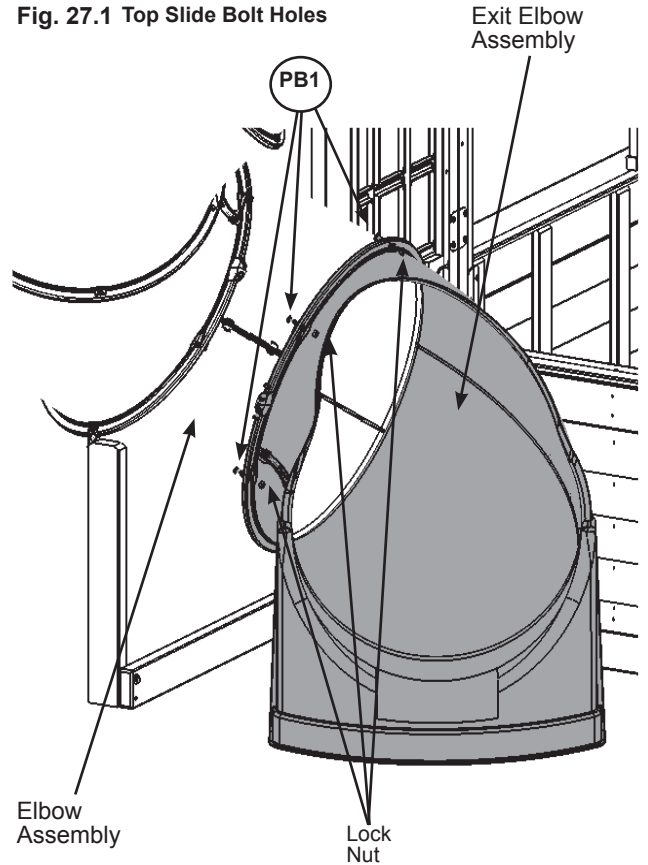


Fig. 27.2 Bottom Slide Bolt Holes

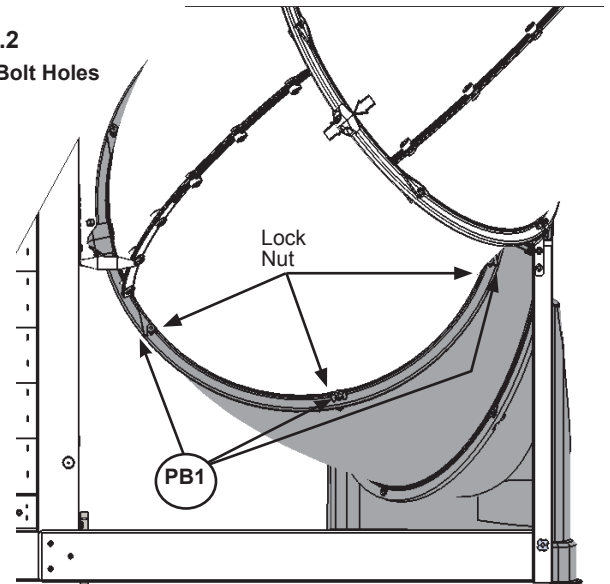
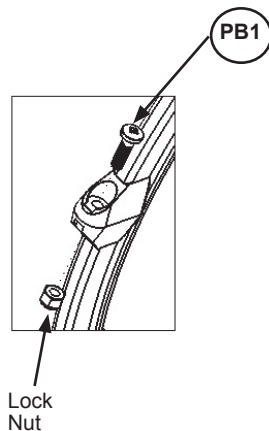


Fig. 27.3

After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts



### Hardware

8 x (PB1) 1/4 x 3/4" Pan Bolt  
(1/4" lock nut)

### Other Parts

2 x TNR2 Slide Clamp Ring

## Step 28: Attach Ground Stake to TNR Upright

**A:** In the spot shown in fig. 28.1 drive 1 Rebar Ground Stake 33 cm (13") into the ground against the (231) TNR Upright. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off.

**B:** Attach the ground stake to (231) TNR Upright just below the t-nut using 1 (S7) #12 x 2" Pan Screw as shown in fig. 28.2.

**C:** After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.



**Warning!** To prevent tipping and avoid potential injury, stakes must be driven 33 cm (13") into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 28.1

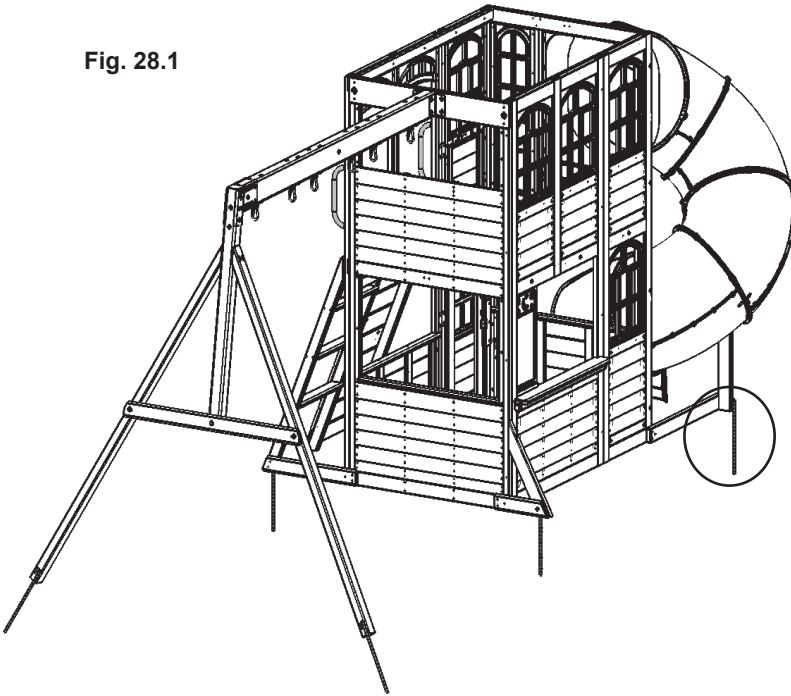
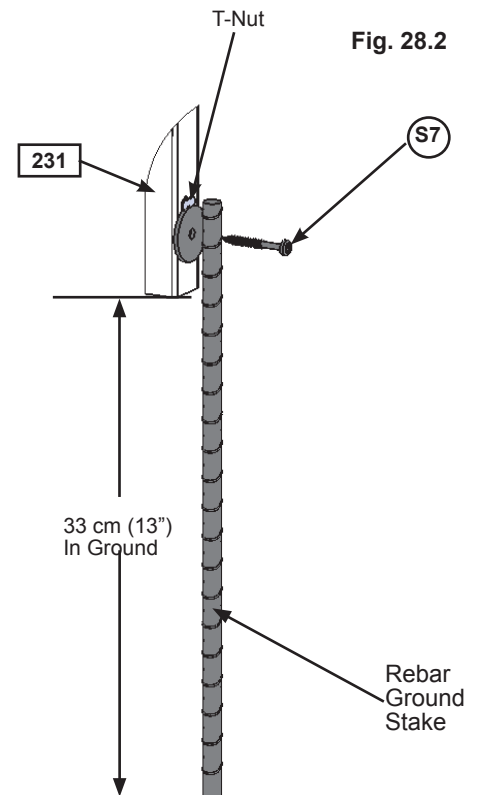


Fig. 28.2



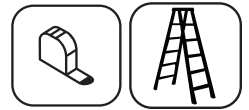
### Hardware

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

### Other Parts

1 x Rebar Ground Stakes

## Step 29: Attach Swing Wall Roof Ends



**A:** Place 1 (290) Roof End flush to the top of (050) SW Panel on the right hand side, measure overhang so it is 12.38 cm (4-7/8") then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 29.1 and 29.2)

**B:** Repeat Step A for 1 (291) Roof End Left. (fig. 29.1 and 29.2)

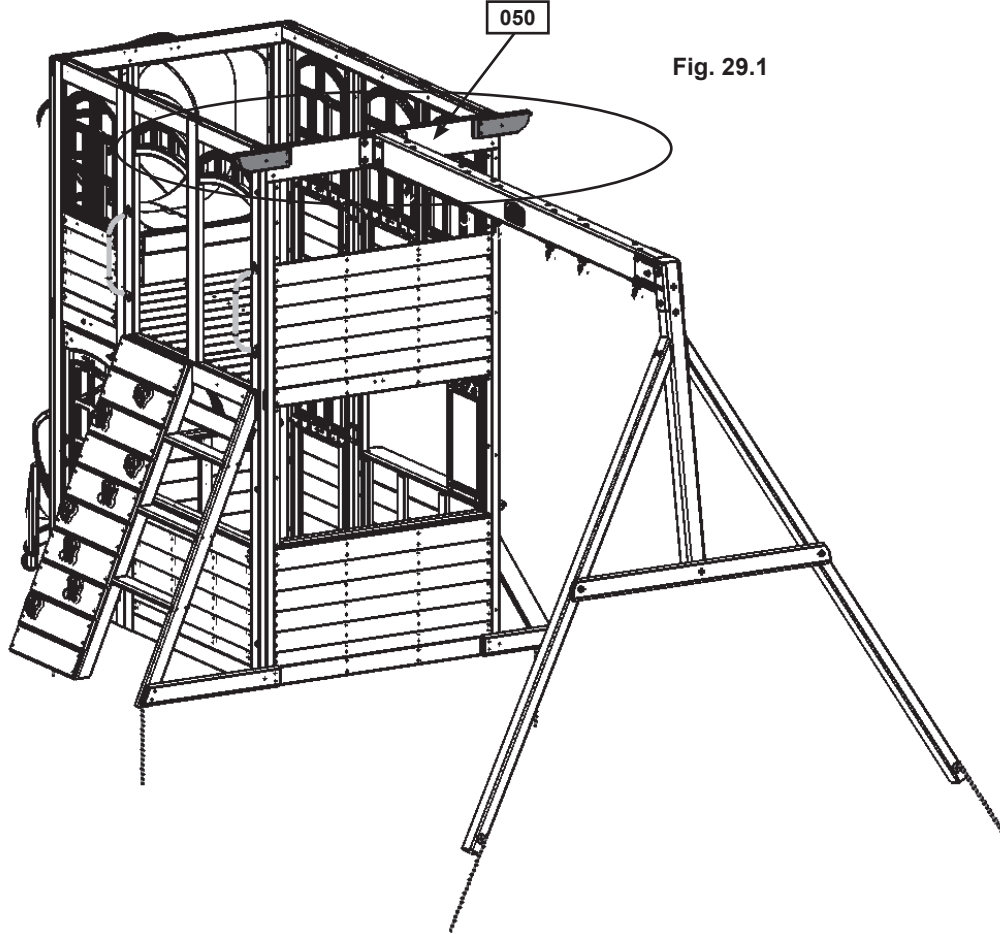


Fig. 29.1

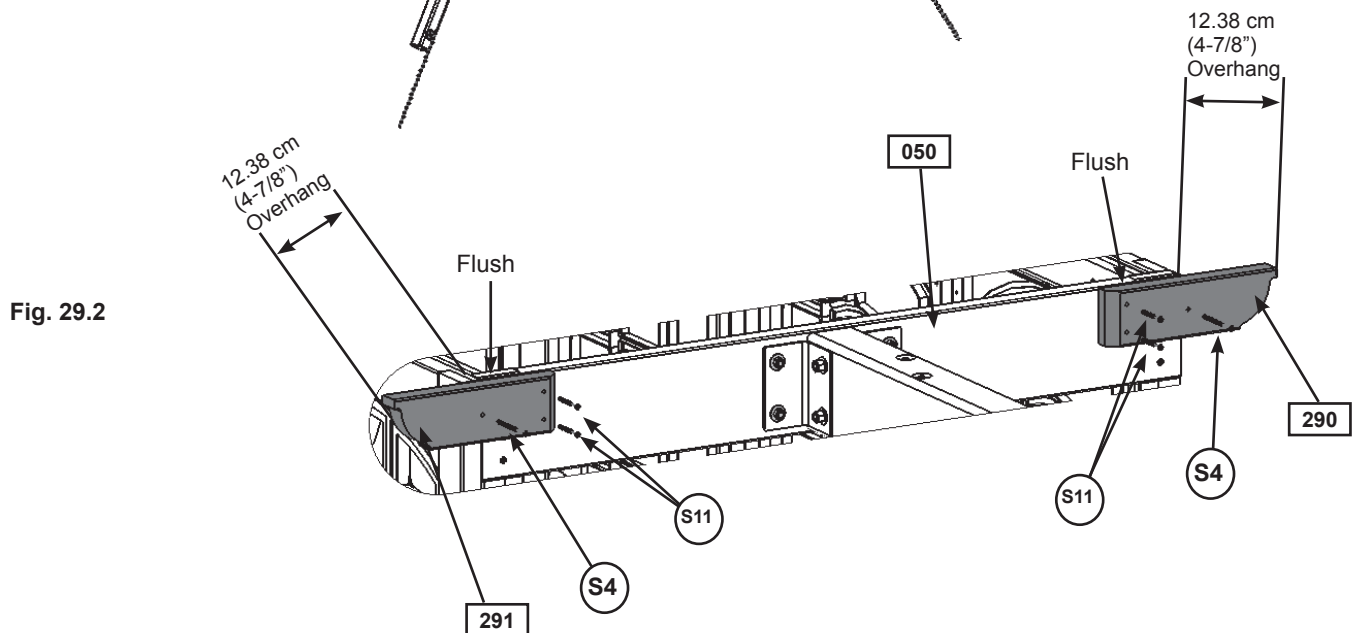


Fig. 29.2

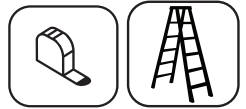
### Wood Parts

- 1 x 290 Roof End 1-1/4 x 3 x 10"
- 1 x 291 Roof End Left 1-1/4 x 3 x 10"

### Hardware

- 2 x S4 #8 x 3" Wood Screw
- 4 x S11 #8 x 2" Wood Screw

## Step 30: Attach Slide Wall Roof Ends



**A:** Place 1 (290) Roof End flush to the top of (040) SL Panel on the right hand side, measure overhang so it is 6.7 cm (2-5/8") then attach with 3 (S11) #8 x 2" Wood Screws. (fig. 30.1 and 30.2)

**B:** Repeat Step A for 1 (291) Roof End Left. (fig. 30.1 and 30.2)

Fig. 30.1

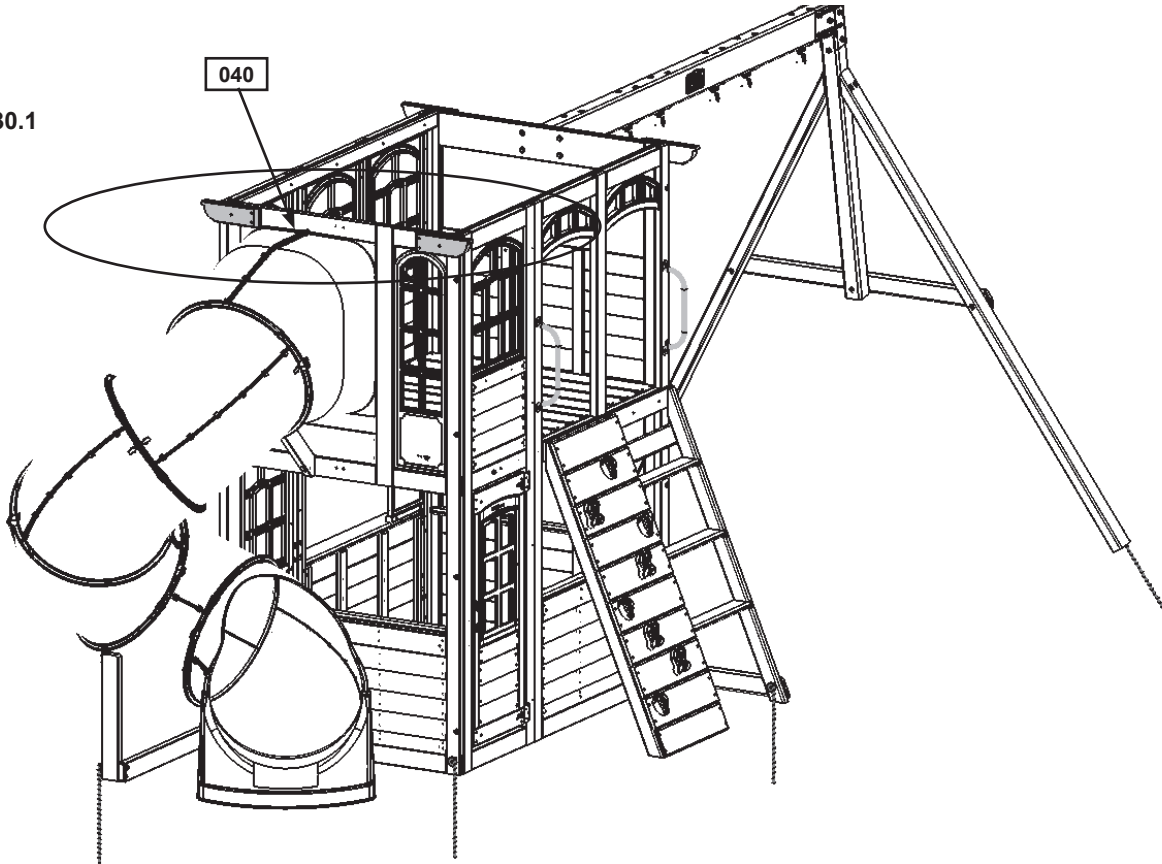
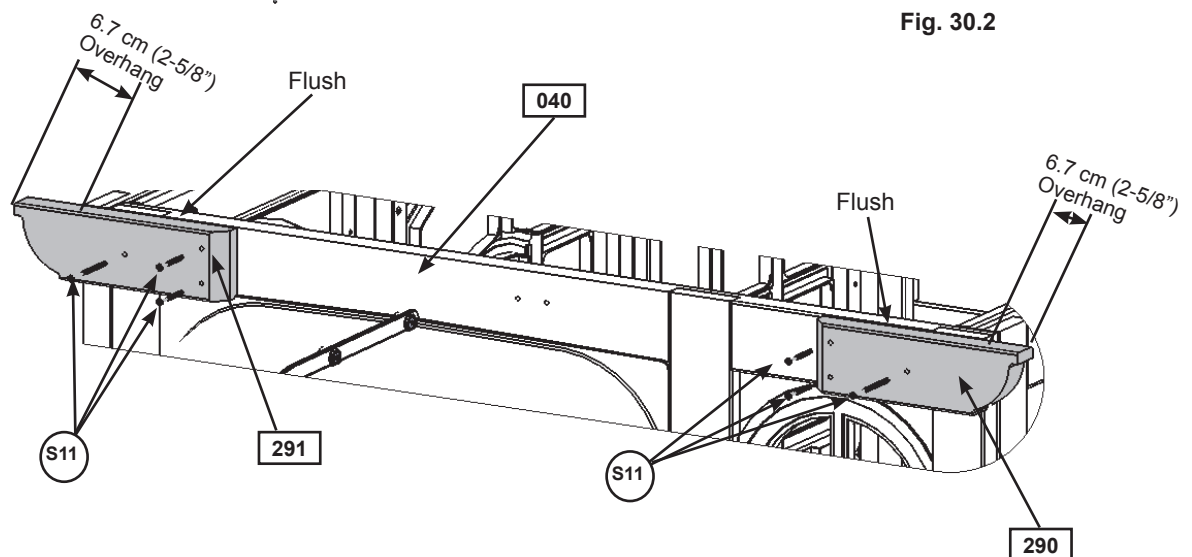


Fig. 30.2



### Wood Parts

- 1 x 290 Roof End 1-1/4 x 3 x 10"
- 1 x 291 Roof End Left 1-1/4 x 3 x 10"

### Hardware

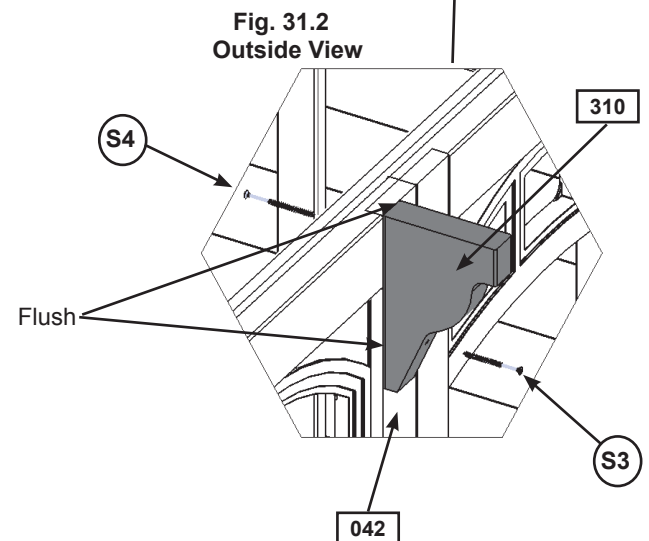
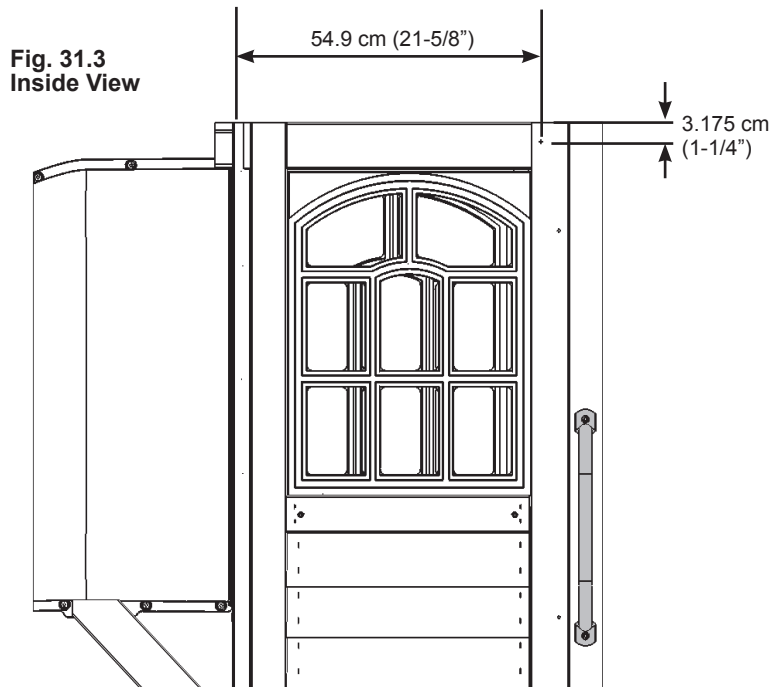
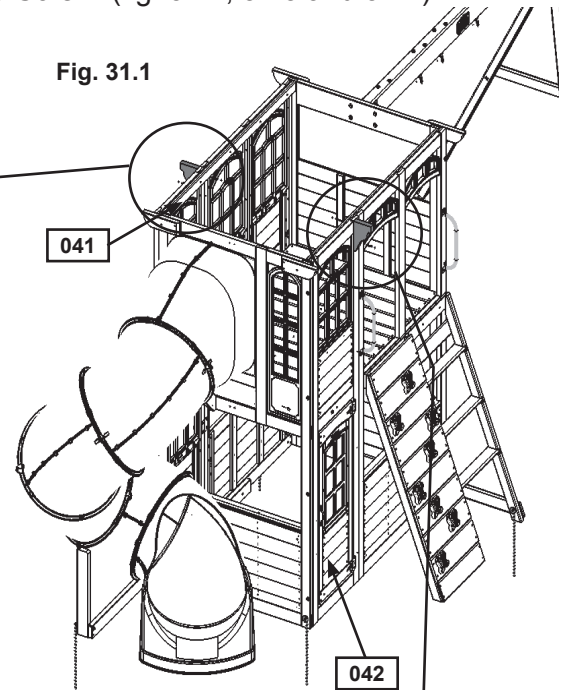
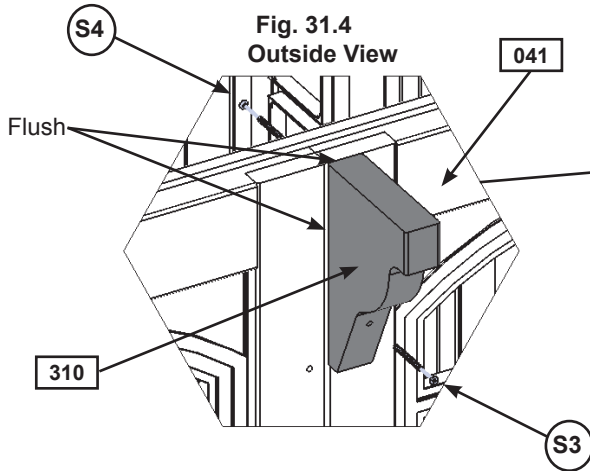
- 6 x S11 #8 x 2" Wood Screw

## Step 31: Attach Mid Roof Ends



**A:** Measure 54.9 cm (21-5/8") in from the outside edge and 3.175 cm (1-1/4") down from the top of (042) Front Narrow Panel then pre-drill with a 3-16" drill bit. Place 1 (310) Mid Roof End flush to the top and inside frame of (042) Front Narrow Panel, over the pre-drilled hole and attach top from the inside with 1 (S4) #8 x 3" Wood Screw and bottom from outside the assembly with 1 (S3) #8 x 2-1/2" Wood Screw. (fig. 31.1, 31.2 and 31.3)

**B:** Measure 54.9 cm (21-5/8") in from the outside edge and 3.175 cm (1-1/4") down from the top of (041) Back Narrow Panel then pre-drill with a 3-16" drill bit. Place 1 (310) Mid Roof End flush to the top and outside frame of (041) Back Narrow Panel, over the pre-drilled hole and attach top from the inside with 1 (S4) #8 x 3" Wood Screw and bottom from outside the assembly with 1 (S3) #8 x 2-1/2" Wood Screw. (fig. 31.1, 31.3 and 31.4)



### Wood Parts

2 x 310 Mid Roof End 1-1/4 x 4-7/8 x 7"

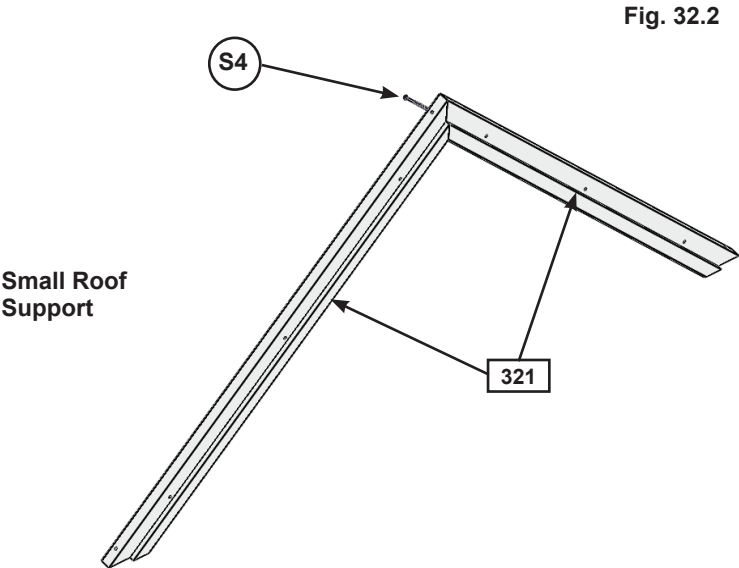
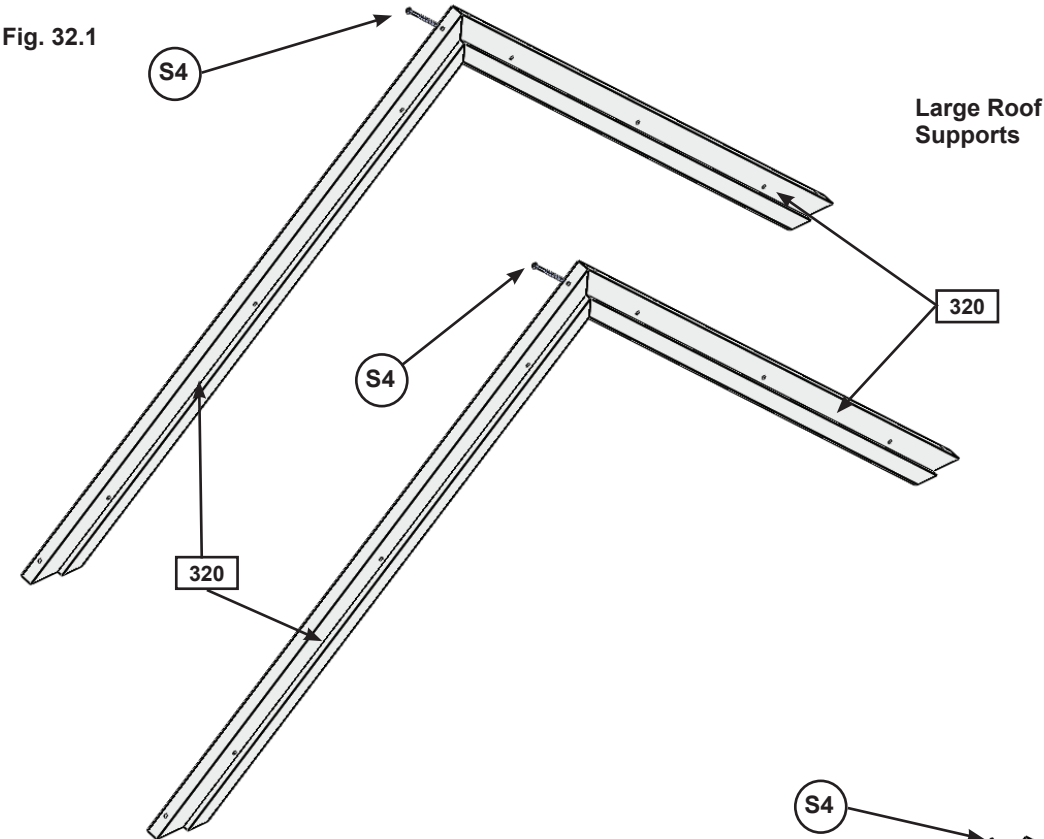
### Hardware

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

2 x S4 #8 x 3" Wood Screw

# Step 32: Roof Support Assembly

- A:** Attach 1 (320) Roof Support to a second (320) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. Repeat this twice so there are 2 Large Roof Supports Assemblies. (fig. 32.1)
- B:** Attach 1 (321) Roof Support to a second (321) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. There is 1 Small Roof Support Assembly. (fig. 32.2)



Wood Parts	
4 x	320 Roof Support 1-1/4 x 2-1/4 x 37-1/2"
2 x	321 Roof Support 1-1/4 x 2-1/4 x 34-1/16"

Hardware	
3 x	S4 #8 x 3" Wood Screw

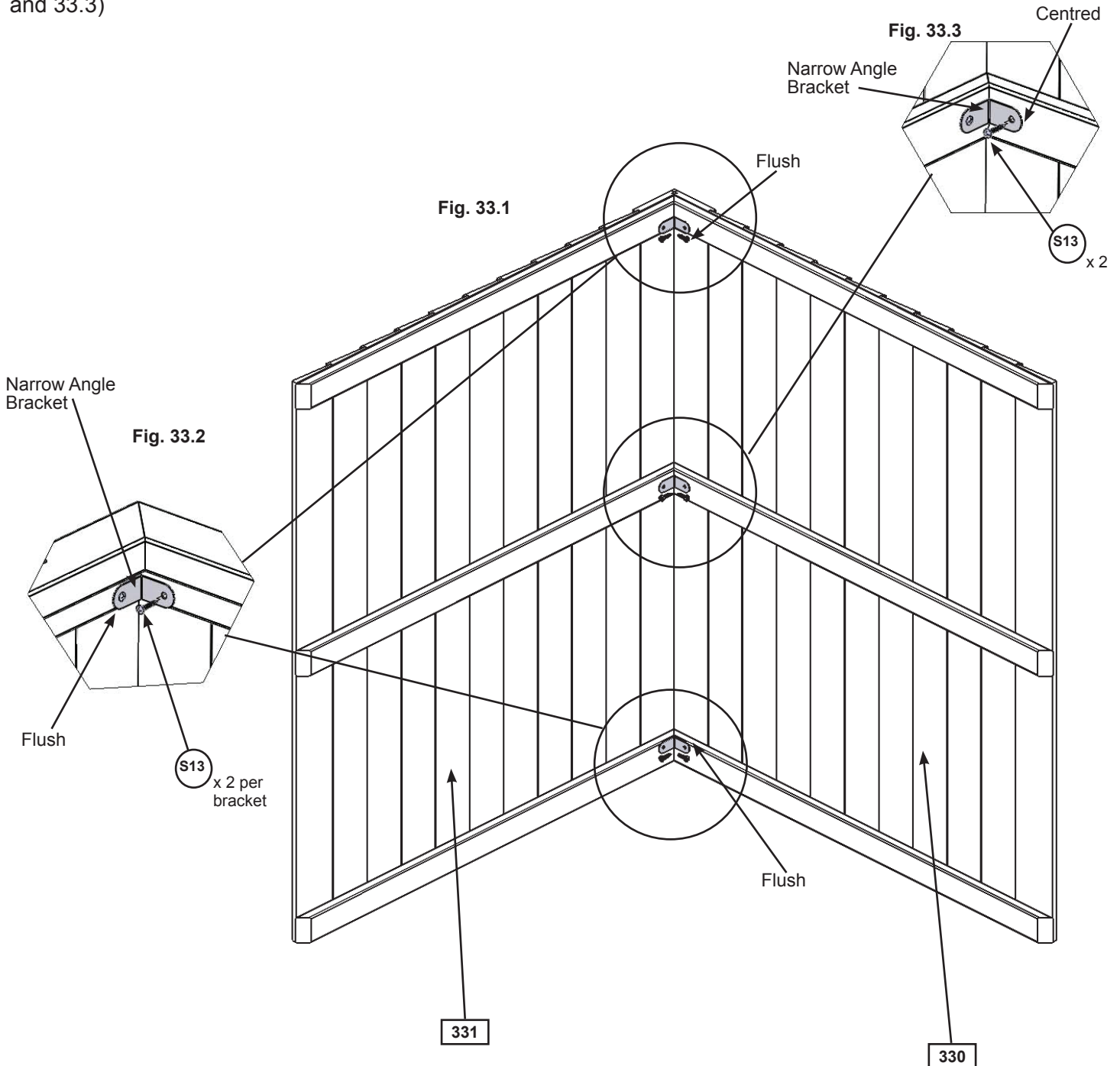


# Step 33: Large Roof Assembly Part 1



**A:** Place (330) Front Roof Panel against (331) Back Roof Panel so the tops form a peak then tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S13) #6 x 5/8" Pan Screws per bracket. (fig. 33.1 and 33.2)

**B:** Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S13) #6 x 5/8" Pan Screws. (fig. 33.1 and 33.3)



## Wood Parts

- 1 x 330 Front Roof Panel 1-1/4 x 37 x 44"
- 1 x 331 Back Roof Panel 1-1/4 x 36-3/4 x 44"

## Hardware

- 6 x S13 #6 x 5/8" Pan Screw

## Other Parts

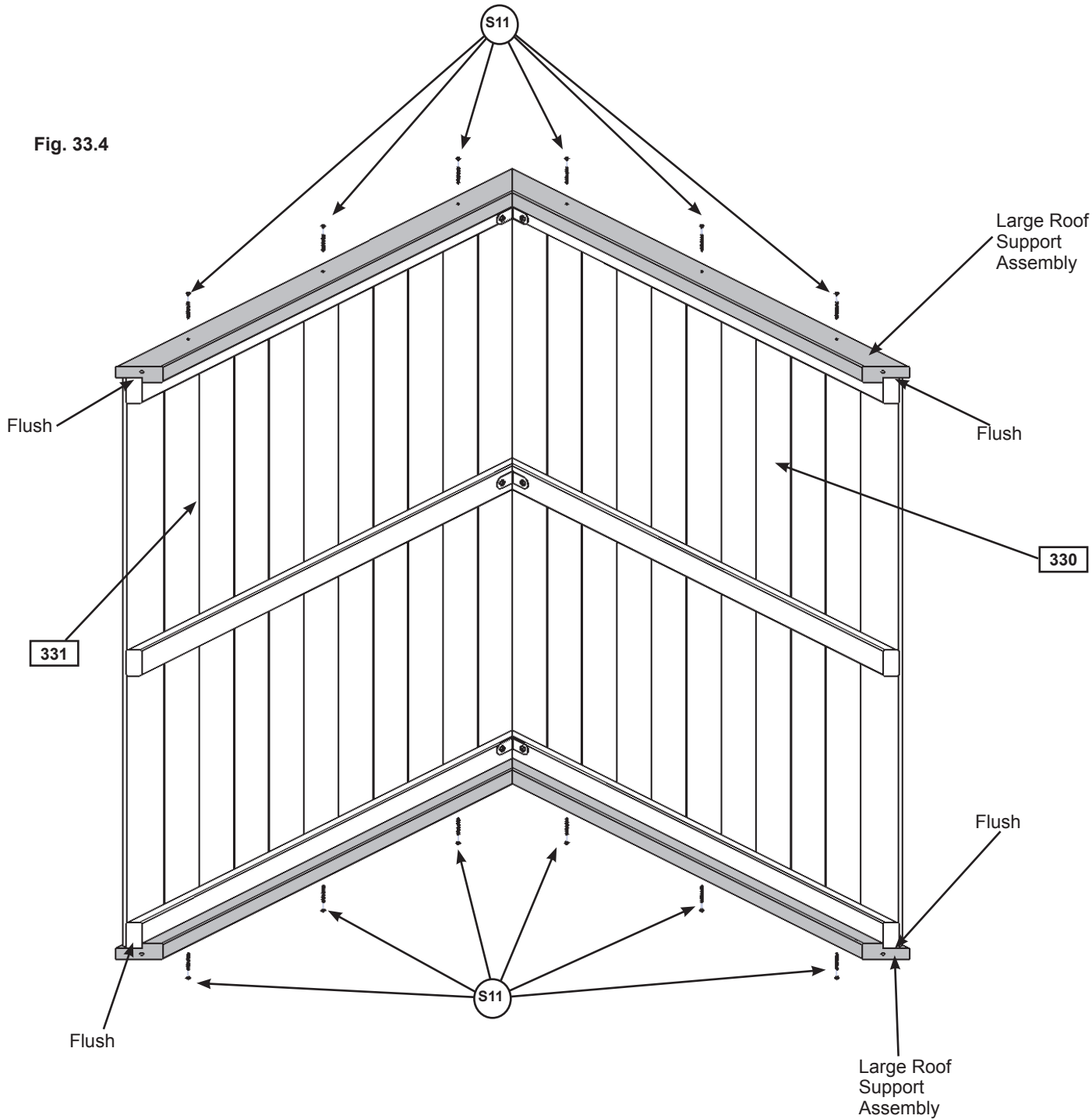
- 3 x Narrow Angle Bracket

# Step 33: Large Roof Assembly


## Part 2

**C:** Place 1 Large Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 33.4)

**D:** Attach the second Large Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 6 (S11) #8 x 2" Wood Screws. (fig. 33.4)



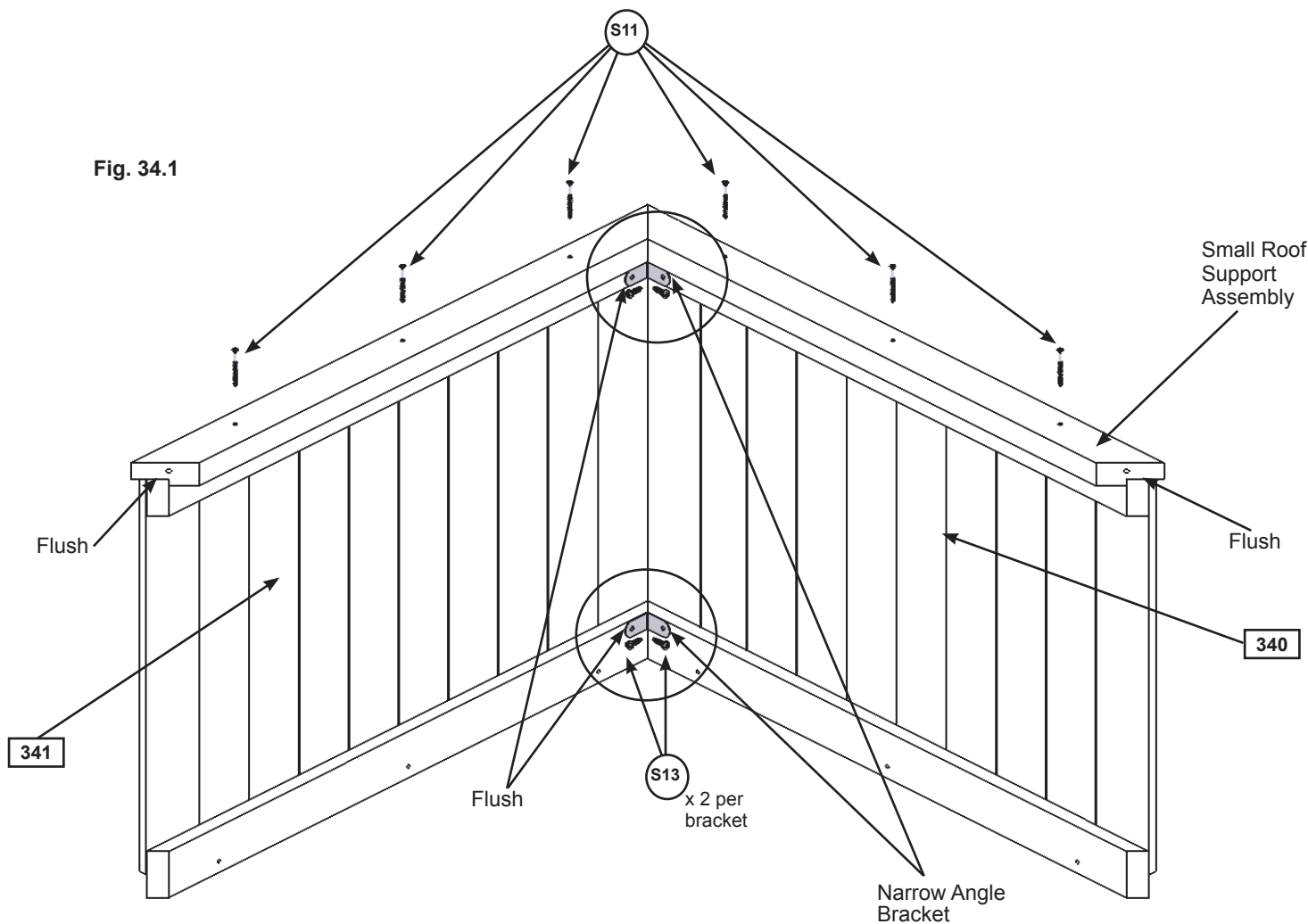
### Hardware

12 x  #8 x 2" Wood Screw

# Step 34: Small Roof Assembly Part 1

**A:** Tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S13) #6 x 5/8" Pan Screws per bracket. (fig. 34.1)

**B:** Place (340) Front Small Roof against (341) Back Small Roof so the tops form a peak then place Small Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 34.1)



## Wood Parts

- 1 x 340 Front Small Roof 1-1/4 x 22-9/16 x 33-5/8"
- 1 x 341 Back Small Roof 1-1/4 x 22-9/16 x 33-3/8"

## Hardware

- 6 x S11 #8 x 2" Wood Screw
- 4 x S13 #6 x 5/8" Pan Screw

## Other Parts

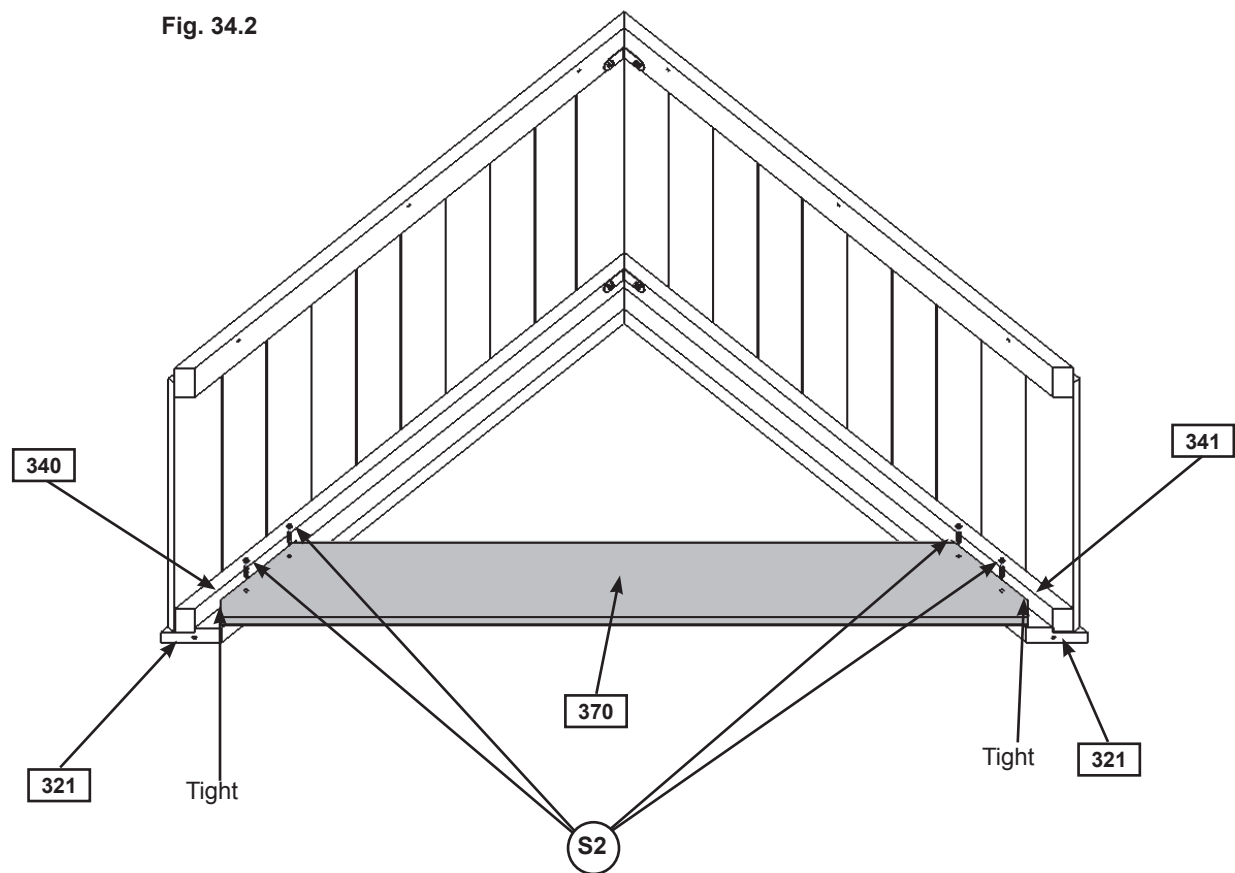
- 2 x Narrow Angle Bracket

# Step 34: Small Roof Assembly

## Part 2

C: Tight to (340) Front Small Roof and (341) Back Small Roof attach (370) Bottom Gable to each (321) Roof Support with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 34.2)

Fig. 34.2



**Wood Parts**

1 x 370 Bottom Gable 5/8 x 5-3/8 x 42"

**Hardware**

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

## Step 35: Attach Roof Assemblies to Fort Part 1



**A:** With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly up and over the Back side of the fort. Guide the Large Roof Assembly onto the Swing Wall side of the fort so all four (320) Roof Supports sit flush to the front and outside edges of (290) Roof End, (291) Roof End Left and both (310) Mid Roof Ends. (fig. 35.1 and 35.2)

**B:** Attach (320) Roof Supports to (290) Roof End and (291) Roof End Left with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 35.2)

Fig. 35.1

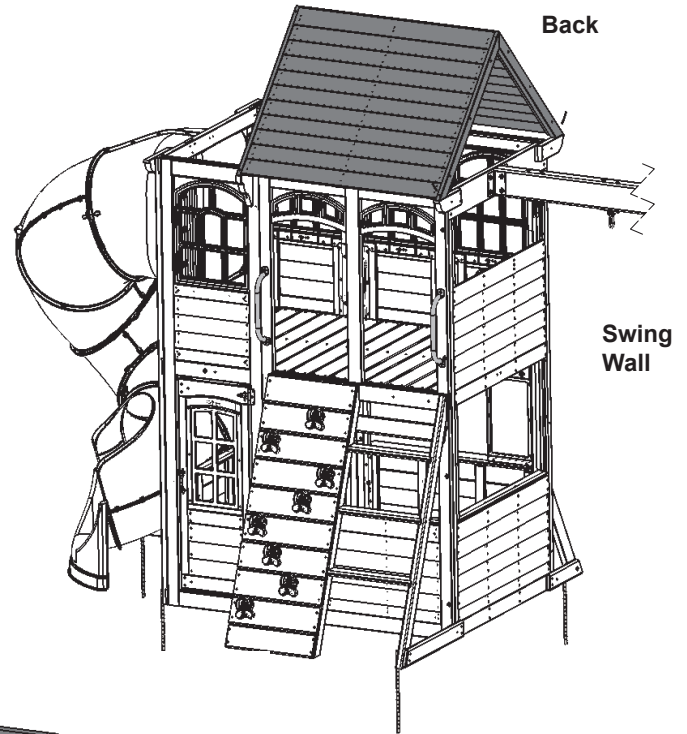
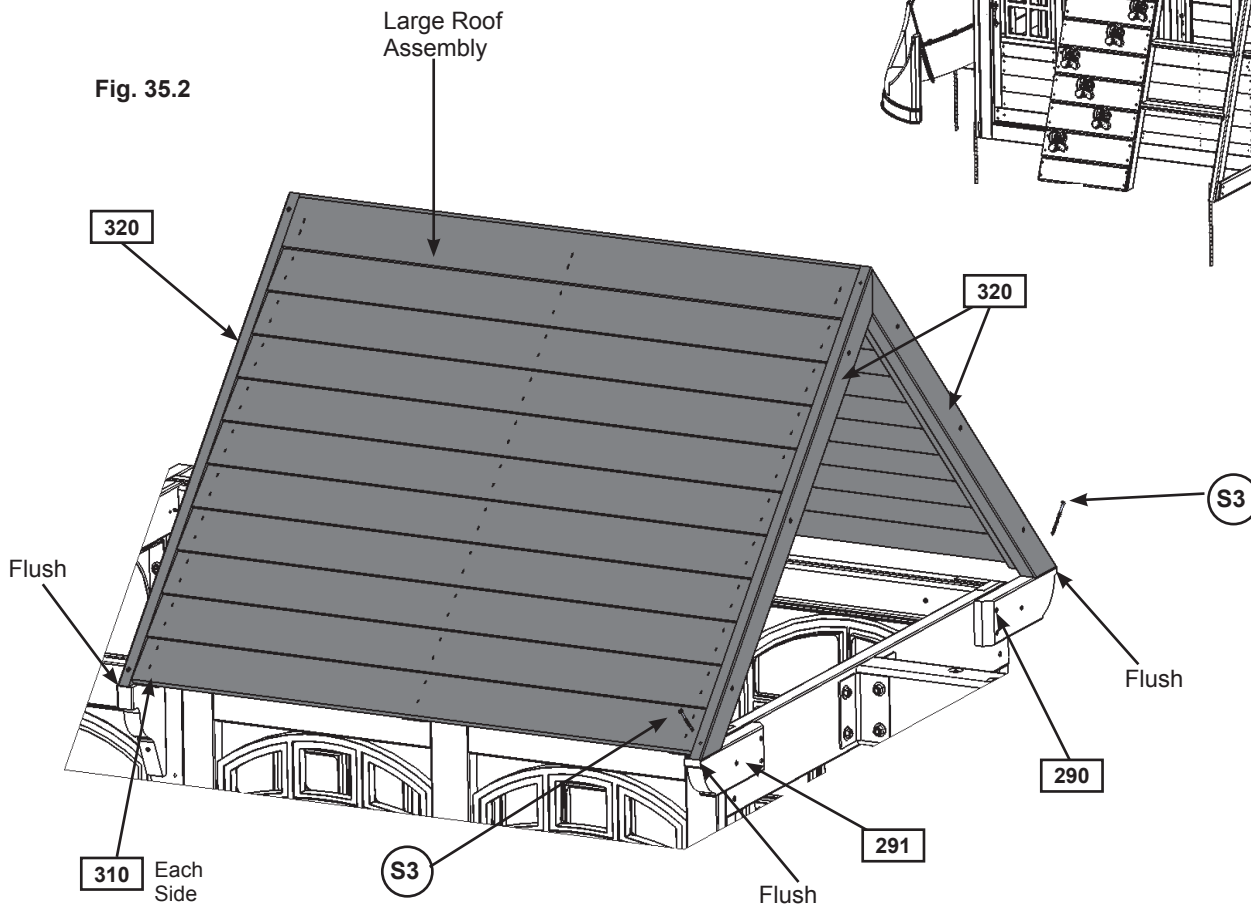


Fig. 35.2



### Hardware

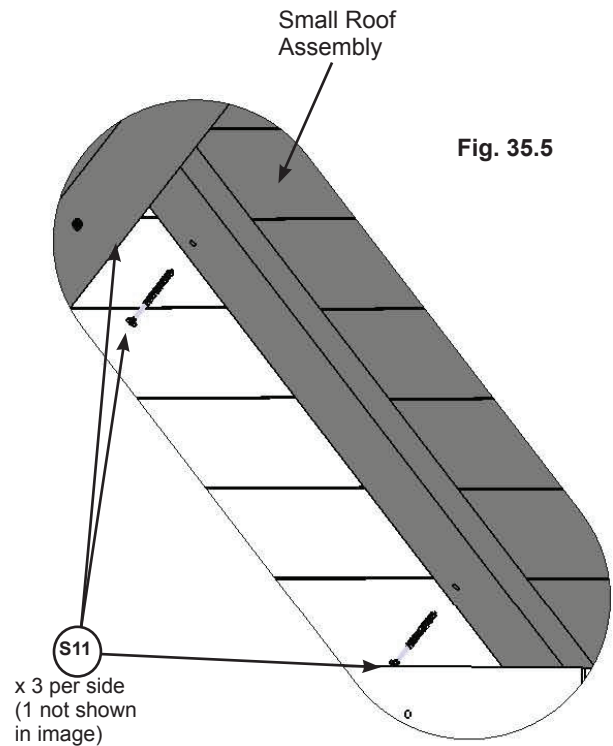
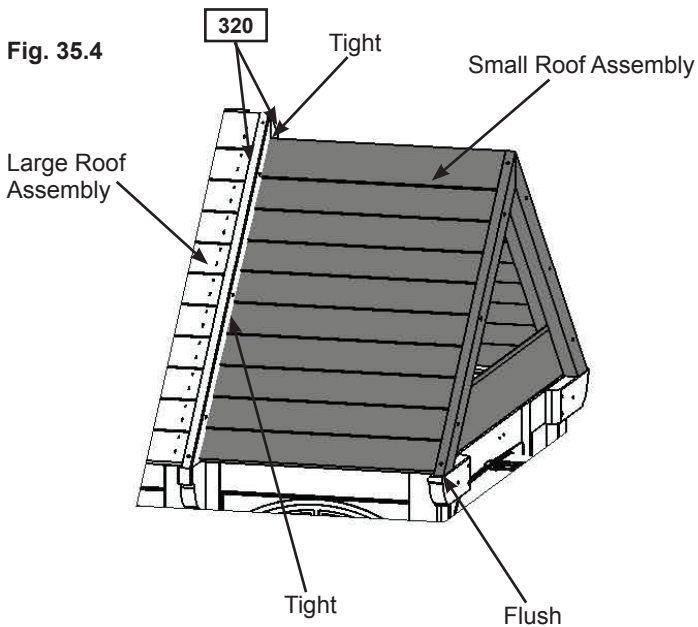
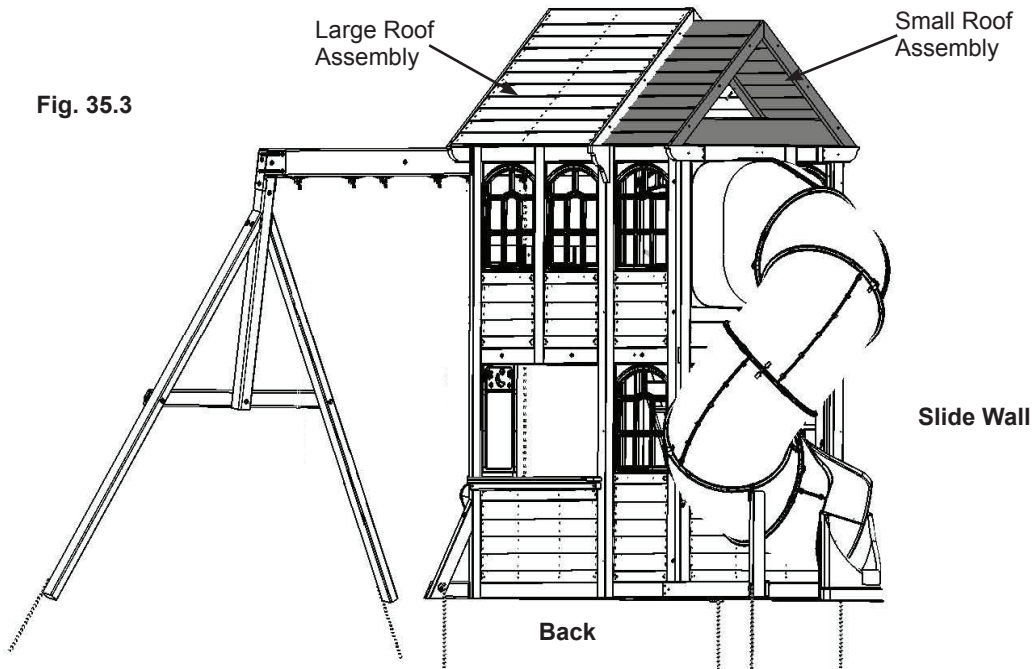
2 x (S3) #8 x 2-1/2" Wood Screw

## Step 35: Attach Roof Assemblies to Fort Part 2



**C:** With 2 people on the ground and at least 1 person in the fort, lift the Small Roof Assembly up and over the Back side of the fort. Guide the Small Roof Assembly onto the fort so it slides under the Large Roof Assembly and the (320) Roof Supports sit tight to the siding on the Small Roof Assembly. (fig. 35.3 and 35.4)

**D:** Attach Small Roof Assembly to Large Roof Assembly from inside with 3 (S11) #8 x 2" Wood Screws per side. Screws to go into (320) Roof Supports. (fig. 35.3 and 35.5)



### Hardware

6 x #8 x 2" Wood Screw

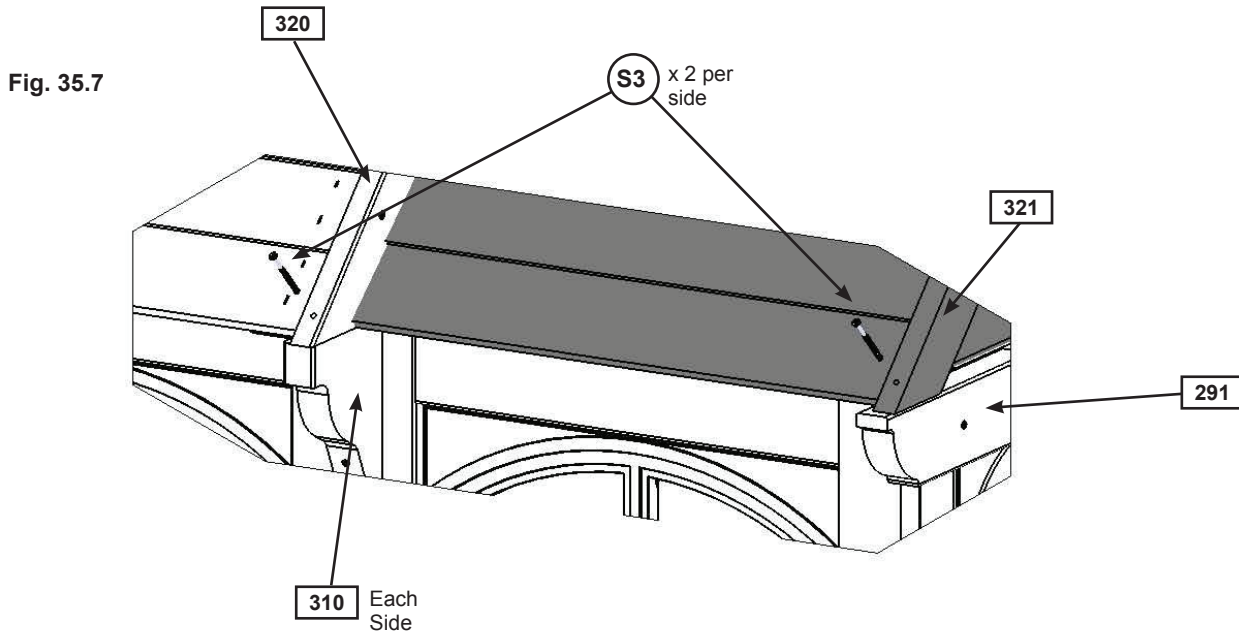
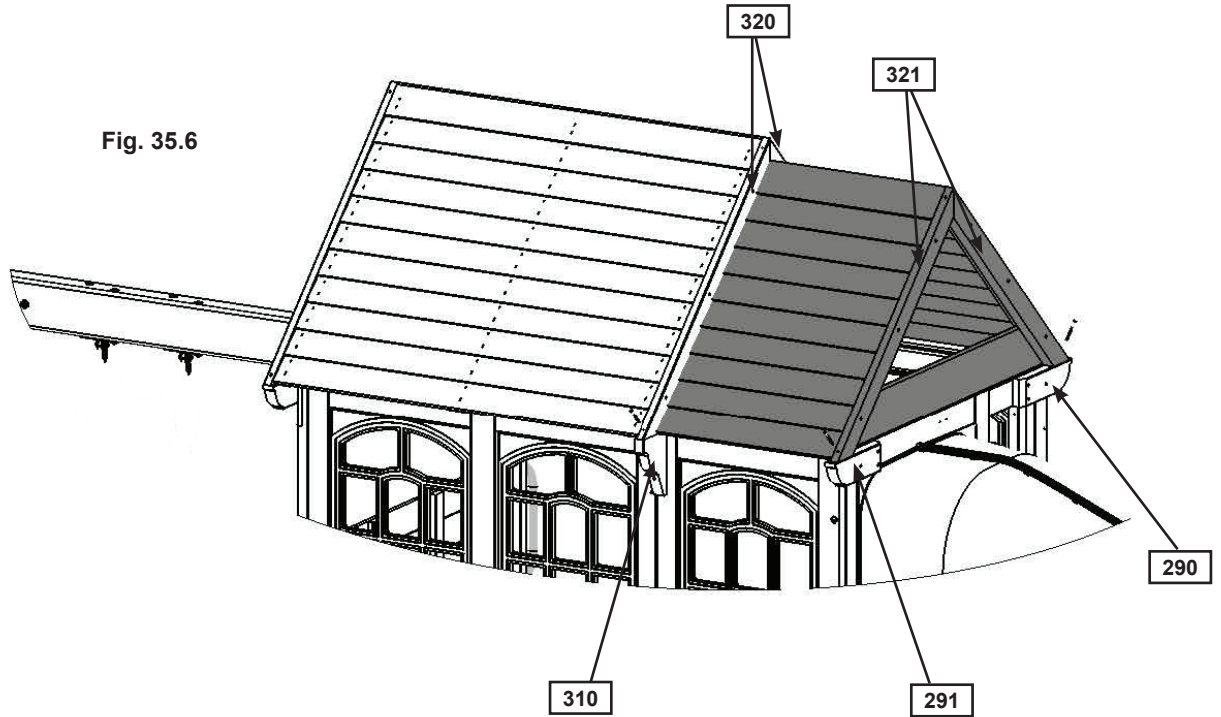


## Step 35: Attach Roof Assemblies to Fort Part 3



**E:** Attach (320) Roof Supports to both (310) Mid Roof Ends with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 35.6 and 35.7)

**F:** Attach (321) Roof Supports to (290) Roof End and (291) Roof End Left with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 35.6 and 35.7)



### Hardware

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

# Step 36: Attach Peak Detail

**A:** Attach 1 Peak Detail to the inside of (320) Roof Supports on the Large Roof Assembly and (321) Roof Supports on the Small Roof Assembly with 8 (S8) #12 x 3/4" Pan Screws (with 1/4" flat washer) per Peak Detail. (fig. 36.1 and 36.2)

Fig. 36.1

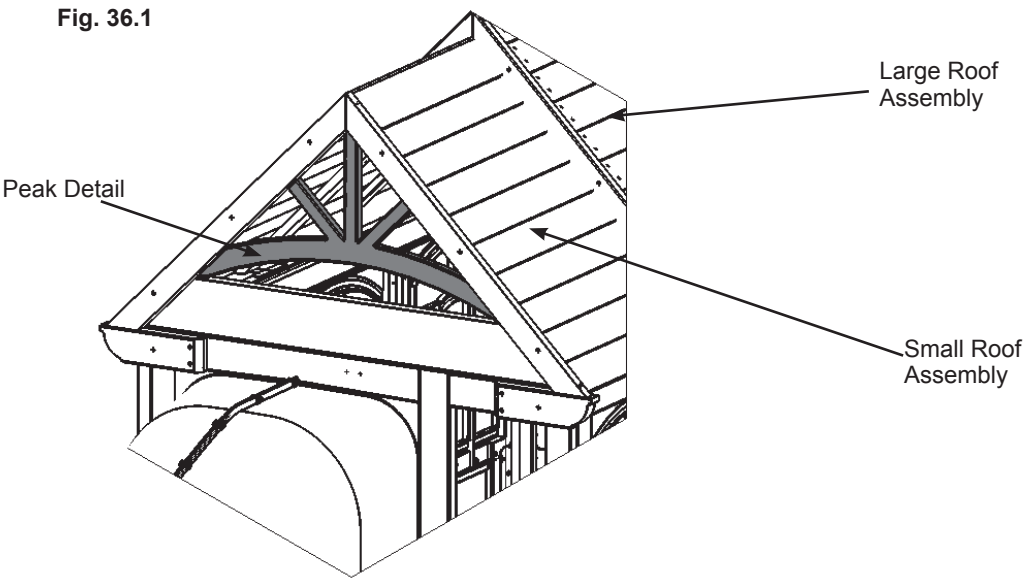
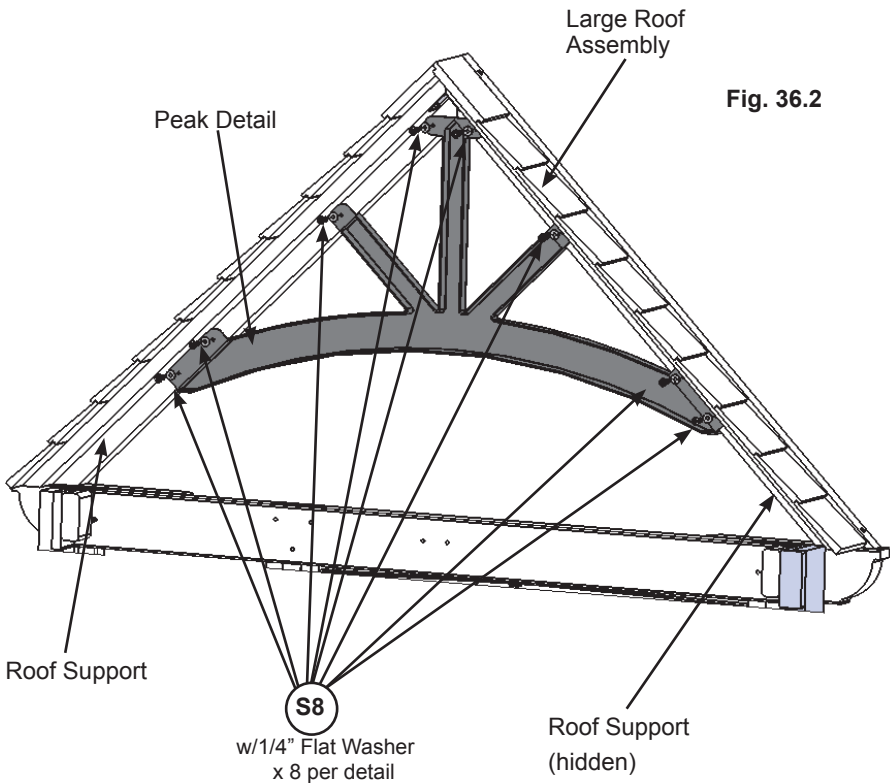


Fig. 36.2



**Hardware**

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

**Other Parts**

2 x Peak Detail

# Step 37: Attach Steering Wheel

**A:** On the back upright of (050) SW Panel attach Steering Wheel to (050) SW Panel with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with flat washer x 2 and lock nut). (fig. 37.1 and 37.2)

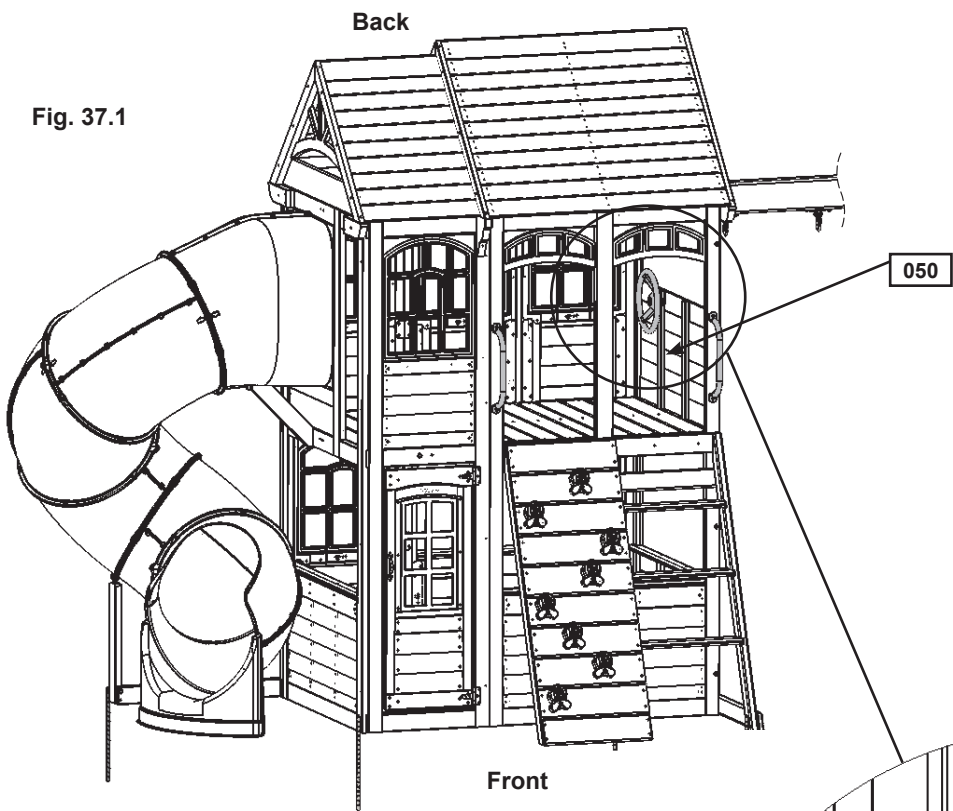
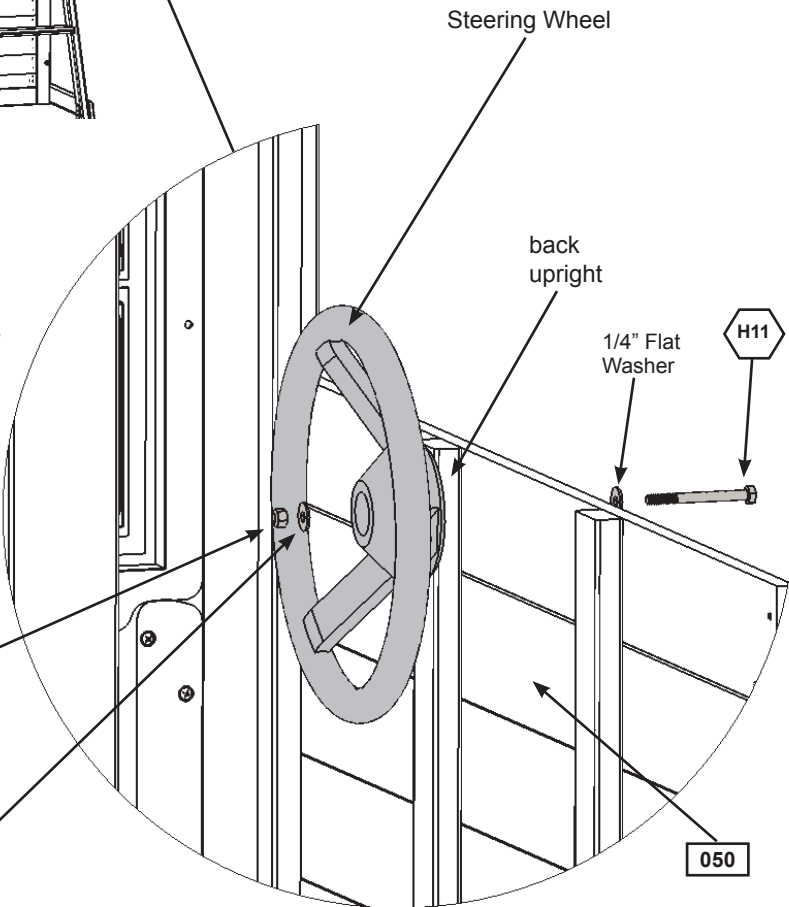



Fig. 37.2  
Inside View



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

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

**Other Parts**  
1 x Steering Wheel

## Step 38: Attach Swings

**A:** Using 1 Threaded Clip per chain, join 1 Long Swing Chain to each side of the swing belt seat. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 38.1 and 38.2).

**B:** Using 1 Threaded Clip per chain, join the Short Swing Chain to the Acro Bar and Acro Handle. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 38.2 and 38.3)

**C:** Attach the other end of the swing chains to the Quick Clips attached to the swing hangers. (fig. 38.1)

Fig. 38.1

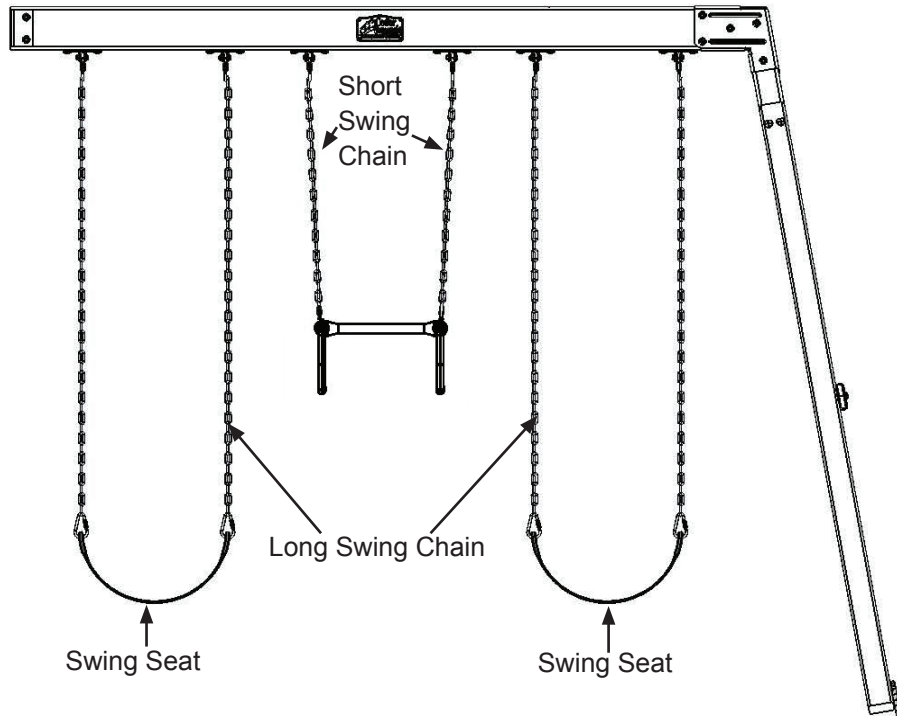


Fig. 38.2

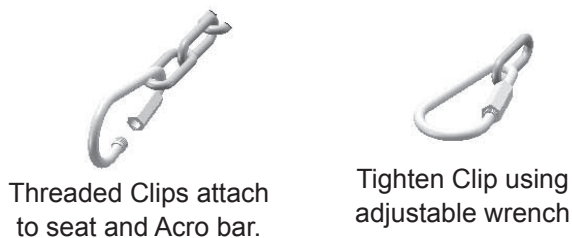
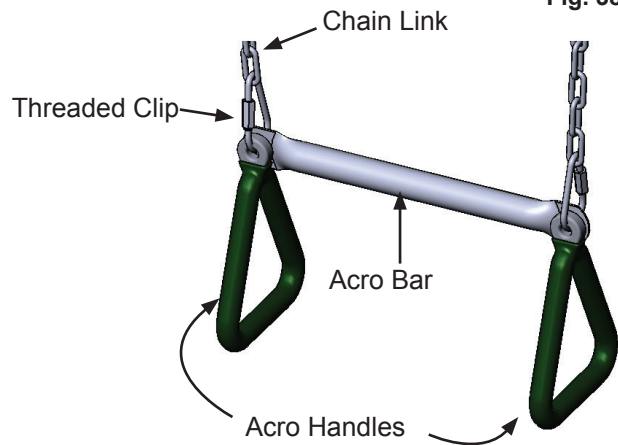


Fig. 38.3



### Other Parts

- 1 x Acro Bar
- 2 x Acro Handle
- 2 x Swing Belt Seat
- 2 x Short Swing Chain
- 4 x Long Swing Chain
- 6 x Threaded Clips

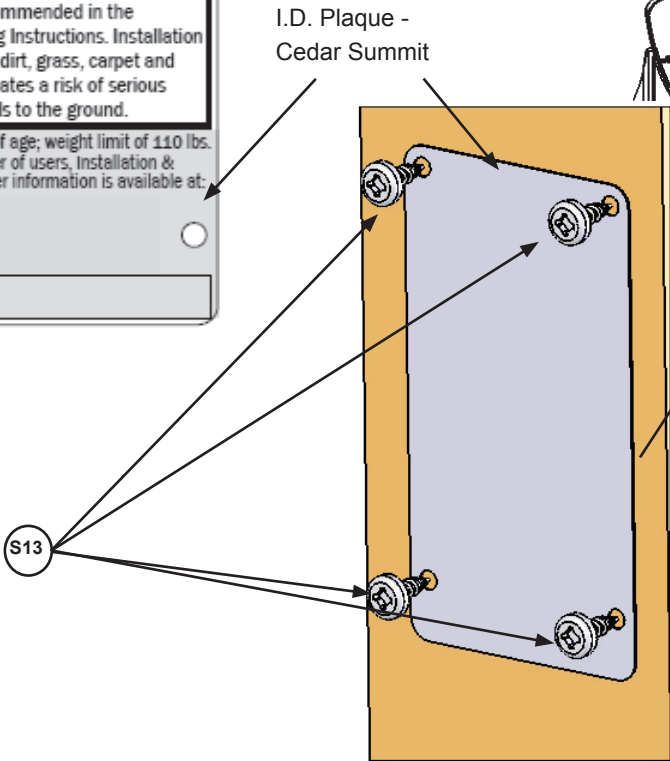
# Final Step: Attach I.D. Plaque

## ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

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.



A: Attach I.D. Plaque - Cedar Summit to a location on your set that is easily seen and read by a supervising adult using 4 (S13) #6 x 5/8" Pan Screws as shown below.



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

**Other Parts**  
1 x I.D. Plaque - Cedar Summit

## This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



**CEDAR SUMMIT**  
**Consumer Registration Card**

First Name

Initial

Last Name

--	--	--	--	--

Street

Apt. No.

--	--

City

State/Province    ZIP/Postal Code

--	--	--

Country

Telephone Number

--	--

E-Mail Address

--

Model Name

Model Number    (Box Labels)

--	--

Serial Number (on ID Plaque)

--

Date Purchase

Purchased From

--	--

MM / DD / YY

How would you rate this product for quality?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate our instructions?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate the quality of packaging?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

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

☐ Yes

☐ No

Comments:

--

**MAIL TO:**

KidKraft  
4630 Olin Road  
Dallas, TX 75244  
United States  
Attention: Customer Service



Fill out your registration card online at  
**[www.cedarsummitplay.com/](http://www.cedarsummitplay.com/)**  
registration

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

CUT ALONG LINE

