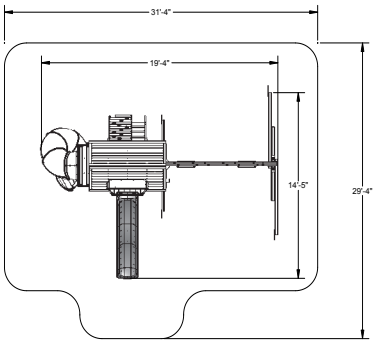
WESTON LODGE DELUXE – F25529

INSTALLATION AND OPERATING INSTRUCTIONS



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

OBSTACLE FREE SAFETY ZONE - **31'4" x 29'4"** area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - **7'1"**

CAPACITY - **12** Users Maximum, Ages **3** to **10**; Weight Limit **110 lbs. (49.9 kg)** per child.

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

TUBE SLIDE

2-4 Hrs

TWO PERSON ASSEMBLY

FORT

10-14 Hrs

TWO PERSON ASSEMBLY

Cedar Summit
PREMIUM PLAY SETS™

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Warnings and Safe Play Instructions

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

WARNING

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

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

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

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

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

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

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

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

WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

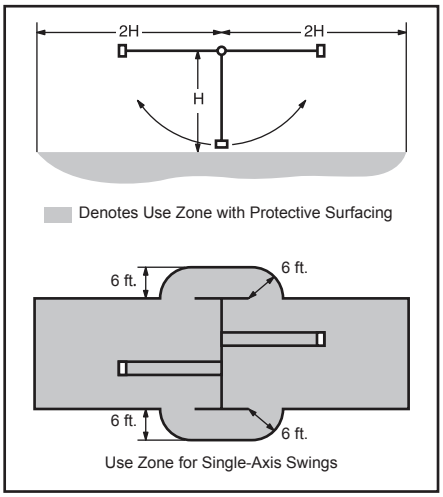
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

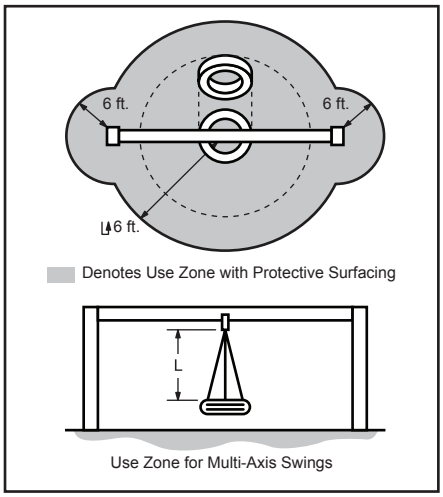
- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM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

Placement

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

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





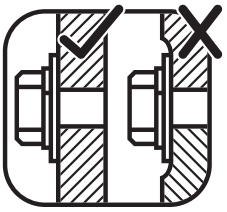
From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

Instructions for Proper Maintenance

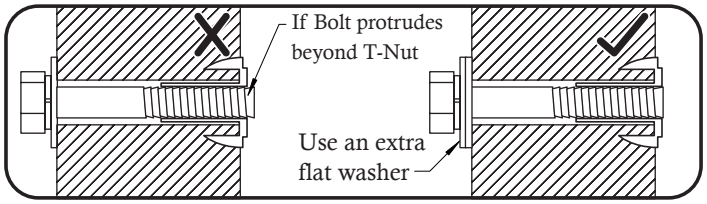
Your Cedar Summit Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain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

Check the following at the beginning of the play season:

HARDWARE:



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



SHOCK ABSORBING SURFACING:

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

GROUND STAKES (ANCHORS):

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

SWING HANGERS:

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

SWINGS, ROPES AND RIDES:

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

WOOD PARTS:

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

Check twice a month during play season:

HARDWARE:

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

SHOCK ABSORBING SURFACING:

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

Check once a month during play season:

SWING HANGERS:

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

SWINGS AND RIDES:

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

Check at the end of the play season:

SWINGS AND RIDES:

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

SHOCK ABSORBING SURFACING:

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

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

About Our Wood

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

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

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

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

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

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

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

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

5 Year Limited Warranty

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

This Limited Warranty does not cover:

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

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

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

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

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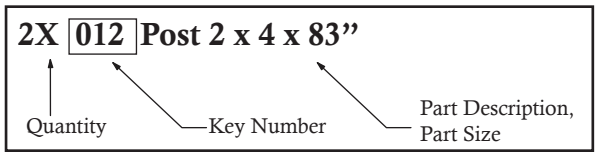
Keys to Assembly Success

Tools Required

• Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill	• #1 Phillips, #2 Robertson and Screwdriver • Ratchet with extension (1/2" & 9/16" sockets)	• Open End Wrench (1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits	• 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil

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



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

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

Use Help

Use Help

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

Measure Distance

Use a measuring tape to assure proper location.

Check that assembly is square before tightening bolts.

Square Assembly

Check that set or assembly is properly level before proceeding.

Use Level

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

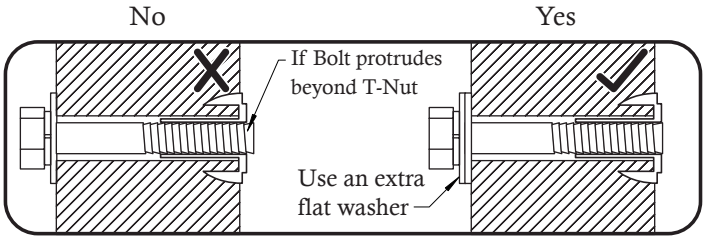
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

Tighten Bolts

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

CAUTION – Protrusion Hazard

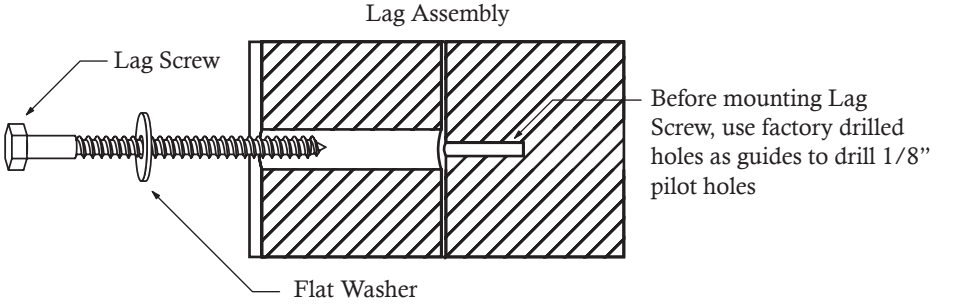
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



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

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

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



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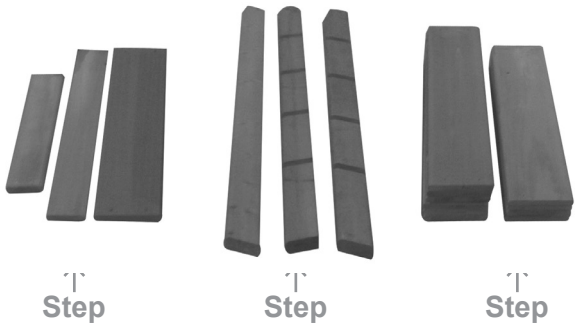
Your Key To Quick Assembly

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.

2X	012	Post	2 x 4 x 83”
↑	↑	↑	↑
Part Quantity	Key Number	Part Description	Part Size

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.

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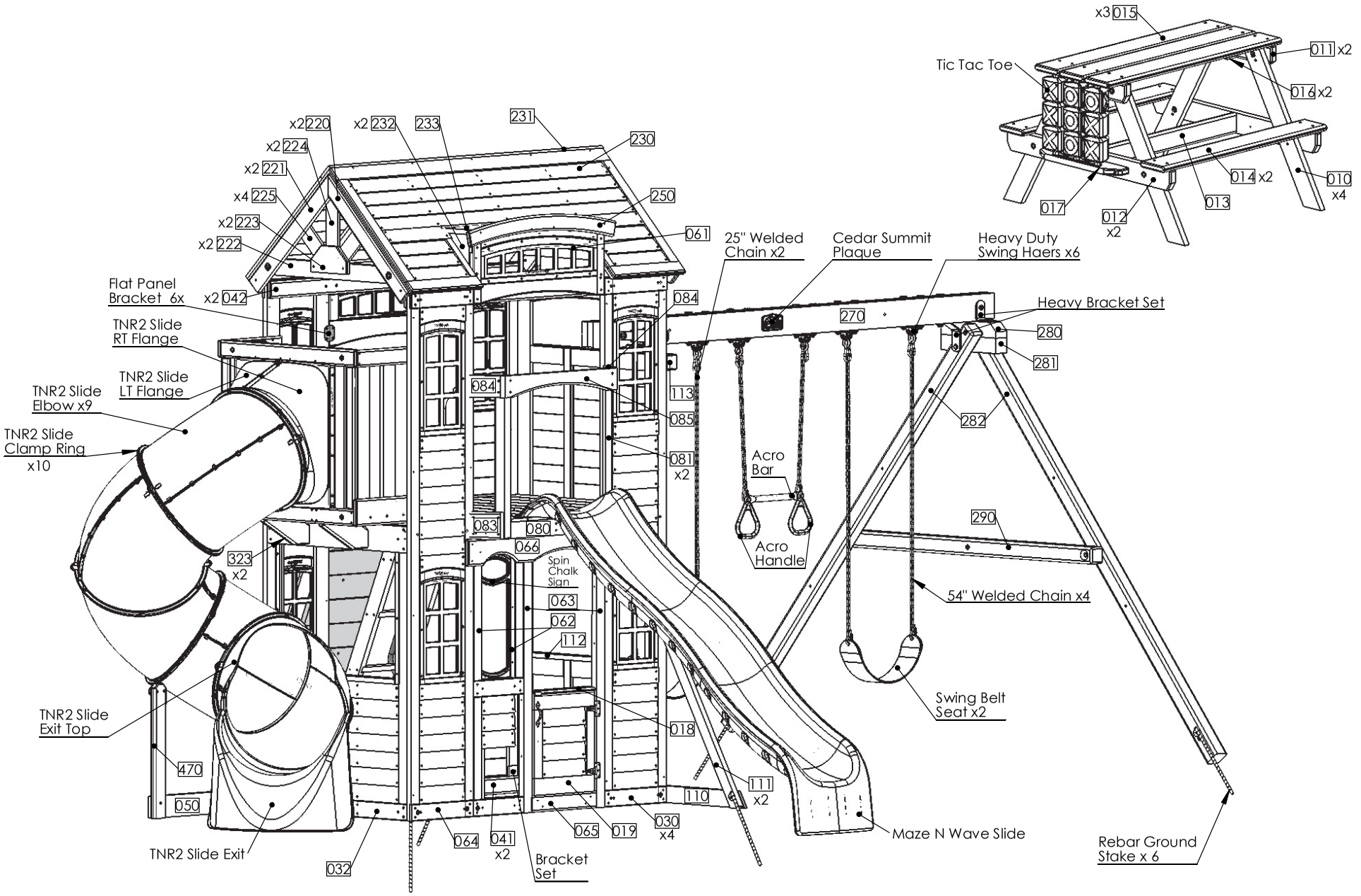

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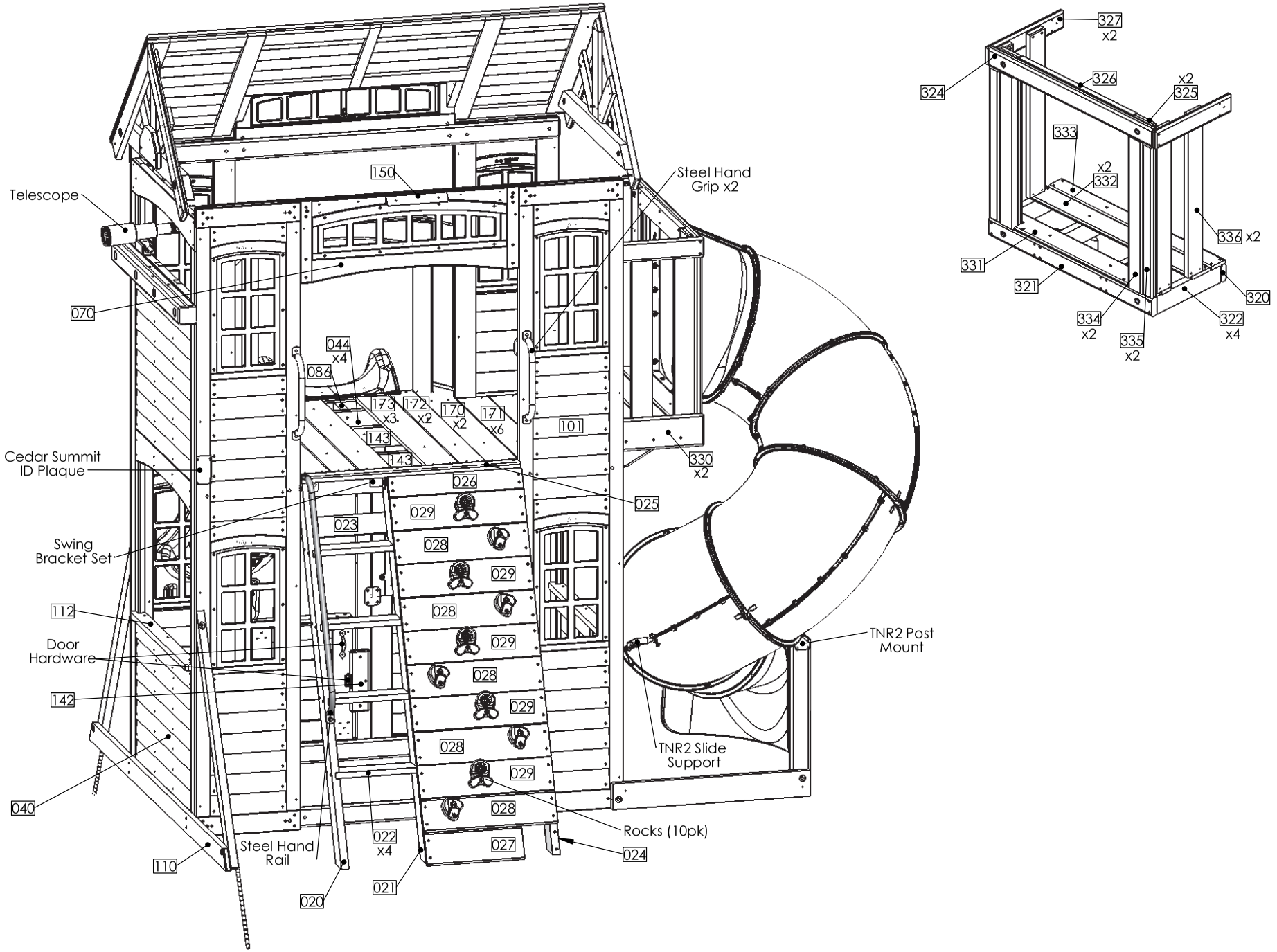

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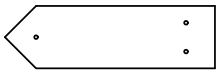
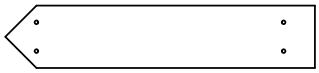
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 4"	⅝" x 3¼"
1" x 5"	⅝" x 4¼"
1" x 6"	⅝" x 5¼"

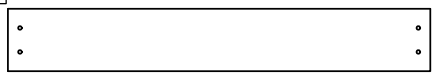
4pc. - **225** - Gable Board A 1 x 4 x 10-15/16" - Box 4 - 3638613



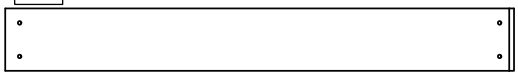
2pc. - **224** - Centre Gable Board 1 x 4 x 16⅛" - Box 4 - 3638612



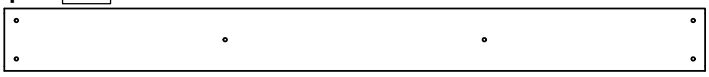
1pc. - **026** - Board Access 1 x 4 x 22⅛" - Box 2 - 3638513



2pc. - **180** - Wall Board 1 x 4 x 26½" - Box 4 - 3638039



1pc. - **333** - Crowsnest Floor 1 x 4 x 36½" - Box 4 - 3638635



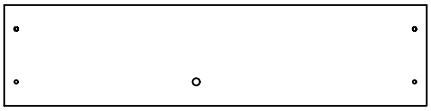
2pc. - **332** - Crowsnest Floor Wide 1 x 5 x 36½" - Box 4 - 3638636

1pc. - **331** - Crowsnest Gap Board 1 x 5 x 36½" - Box 4 - 3638638

2pc. - **172** - Slidenest Floor 1 x 5 x 45" - Box 3 - 3638606

5pc. - **028** - Board Rock A 1 x 6 x 22⅛" - Box 2 - 3638511

5pc. - **029** - Board Rock B 1 x 6 x 22⅛" - Box 2 - 3638512



1pc. - **027** - Access Rock Bottom 1 x 6 x 22⅛" - Box 3 - 3638515

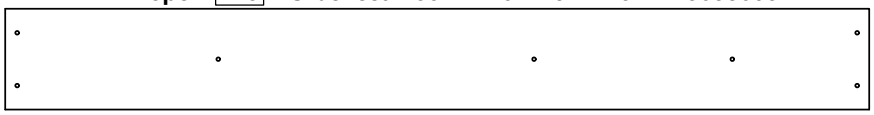
6pc. - **171** - Floor 1 x 6 x 38½" - Box 2 - 3638604

2pc. - **170** - Angle Floor 1 x 6 x 44¾" - Box 3 - 3638607

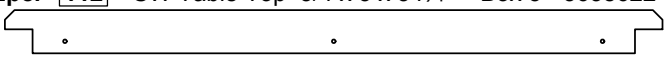
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 6"	⅝" x 5¼"
5/4" x 3"	15/16" x 2¼"
5/4 x 4"	15/16" x 3¼"

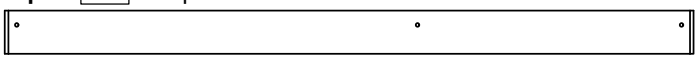
3pc. - **173** - Slidenest Floor 1 x 6 x 45" - Box 2 - 3638605



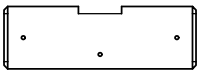
2pc. - **112** - SW Table Top 5/4 x 3 x 34¼" - Box 5 - 3638622



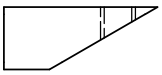
1pc. - **025** - Top Ladder 5/4 x 3 x 35⅞" - Box 3 - 3638516



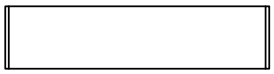
1pc. - **142** - Door Stop 5/4 x 4 x 10" - Box 2 - 3638625



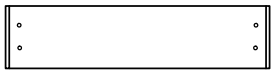
2pc. - **016** - Picnic Gusset 5/4 x 4 x 8" - Box 5 - 3638007



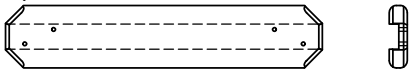
4pc. - **022** - Ladder Tread 5/4 x 4 x 13¾" - Box 2 - 3638517



1pc. - **023** - Gap Ladder 5/4 x 4 x 15" - Box 2 - 3638514

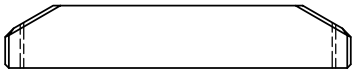


1pc. - **018** - Door Top Dark Brown 5/4 x 4 x 16½" - Box 4 - 3608629

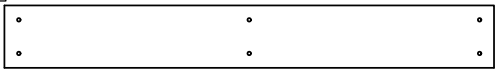


2pc. - **327** - Crowsnest Side 5/4 x 4 x 17" - Box 4 - 3638639

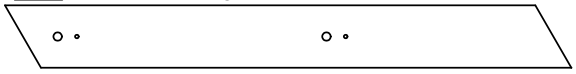
1pc. - **017** - TTT Bottom 5/4 x 4 x 18" - Box 4 - 3638501



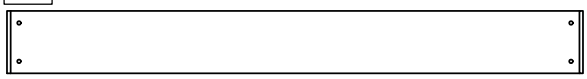
1pc. - **326** - Crowsnest Short 5/4 x 4 x 25½" - Box 4 - 3638115



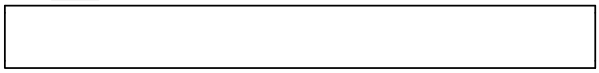
4pc. - **010** - CE Table Leg 5/4 x 4 x 29½" - Box 2 - 3638020



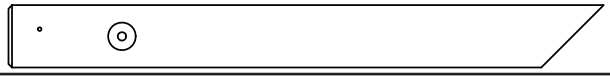
4pc. - **336** - Crowsnest Rail 5/4 x 4 x 30" - Box 4&5 - 3638114



1pc. - **013** - Table Rail 5/4 x 4 x 30¾" - Box 5 - 3638504



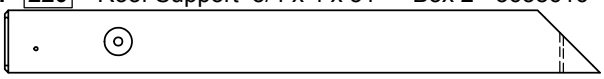
2pc. - **221** - Roof Support Left 5/4 x 4 x 31" - Box 3 - 3638615



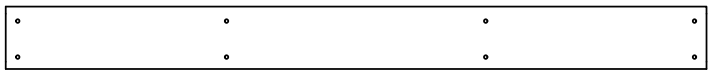
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4" x 4"	15/16" x 3¼"
5/4" x 5"	15/16" x 4¼"
5/4" x 6"	15/16" x 5¼"

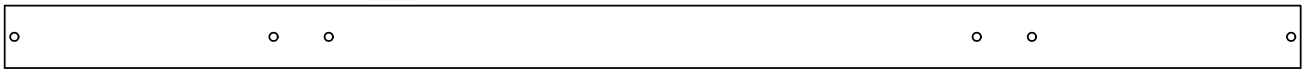
2pc. - **220** - Roof Support 5/4 x 4 x 31" - Box 2 - 3638616



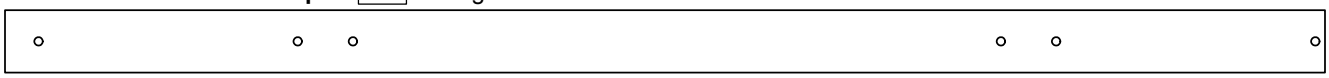
1pc. - **320** - Crowsnest Back 5/4 x 4 x 36½" - Box 5 - 3638632



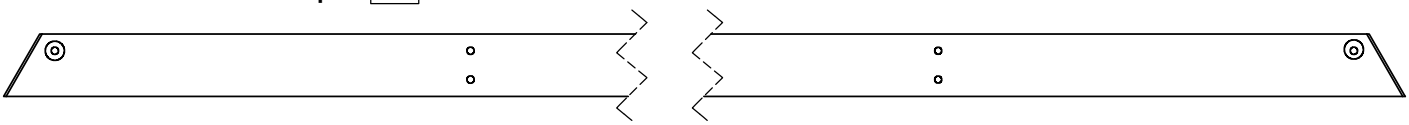
2pc. - **041** - Wall Tie 5/4 x 4 x 67½" - Box 3 - 3638589



2pc. - **042** - Long Wall Tie 5/4 x 4 x 68¾" - Box 3 - 3638610

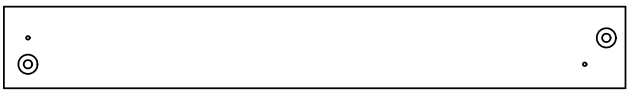


1pc. - **110** - Ground SW 5/4 x 4 x 83-11/16" - Box 3 - 3638588

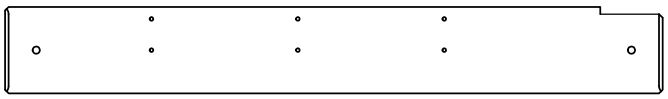


2pc. - **084** - Slidenest L & R 5/4 x 5 x 7" - Box 2 - 3638626

1pc. - **050** - SL Bottom 5/4 x 5 x 32⅜" - Box 5 - 3638645

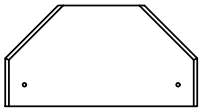


2pc. - **325** - Upright Crowsnest 15/16 x 4½ x 34¼" - Box 5 - 3638648

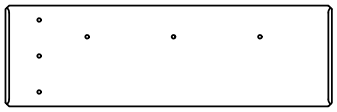


1pc. - **085** - Slidenest Top 5/4 x 5 x 31¾" - Box 4 - 3638598

2pc. - **223** - Sunburst 5/4 x 6 x 10" - Box 2 - 3638614



2pc. - **330** - Crowsnest Bottom 5/4 x 6 x 17" - Box 4 - 3638633



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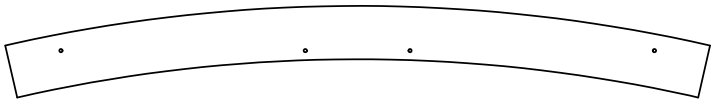
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4" x 6"	15/16" x 5¼"
5/4" x 8"	15/16" x 8"
2" x 3"	1¼" x 2¼"
2" x 4"	1¼" x 3¼"

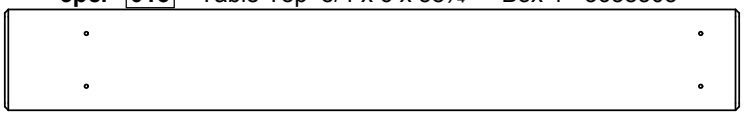
1pc. - **250** - Trim Arch 5/4 x 6 x 40⅜" - Box 5 - 3638590



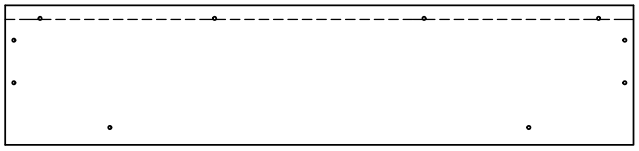
1pc. - **066** - Arch Top 5/4 x 6 x 40½" - Box 5 - 3638630

2pc. - **014** - Seat 5/4 x 6 x 36" - Box 5 - 3638503

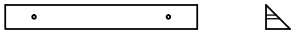
3pc. - **015** - Table Top 5/4 x 6 x 38¼" - Box 4 - 3638505



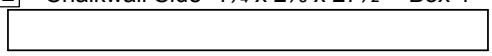
1pc. - **233** - Transom Roof 5/4 x 8 x 36" - Box 5 - 3638591



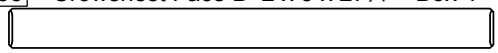
1pc. - **150** - Roof Gusset 1¼ x 1¼ x 10" - Box 4 - 3638628



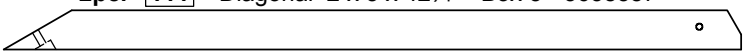
2pc. - **062** - Chalkwall Side 1¼ x 2⅛ x 27½" - Box 4 - 3638631



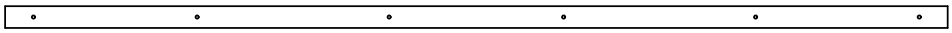
2pc. - **335** - Crowsnest Face B 2 x 3 x 27¾" - Box 4 - 3638634



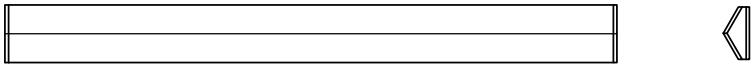
2pc. - **111** - Diagonal 2 x 3 x 42¼" - Box 5 - 3638587



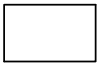
2pc. - **063** - Door Side 1¼ x 2¼ x 54" - Box 4 - 3638642



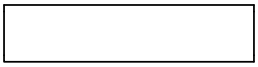
2pc. - **081** - Crowsnest Post 1½ x 3 x 31⅞" - Box 5 - 3638593



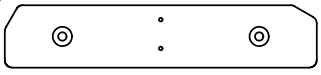
1pc. - **086** - Short Floor Joist 2 x 4 x 5¼" - Box 4 - 3638623



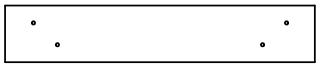
4pc. - **322** - Crowsnest Joist 2 x 4 x 14-5/16" - Box 4 - 3638113



2pc. - **011** - Support Table 2 x 4 x 16¼" - Box 3 - 3638502



1pc. - **065** - Door Bottom 1¼ x 3¼ x 17¾" - Box 4 - 3638641



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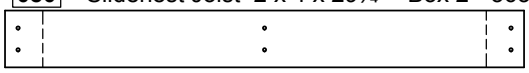
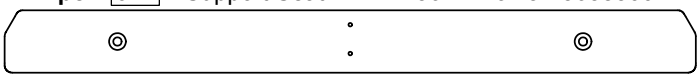
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
2" x 4"	1¼" x 3¼"
2" x 5"	1¼" x 4½"
2" x 6"	1¼" x 5¼"
3" x 6"	3" x 5¼"
4" x 4"	3 x 3

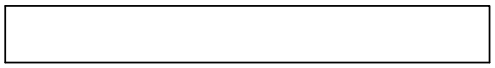
1pc. - **080** - Slidenest Joist 2 x 4 x 29¾" - Box 2 - 3638624



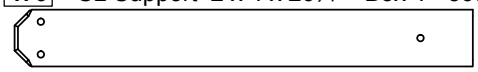
2pc. - **012** - Support Seat 2 x 4 x 36" - Box 3 - 3638500



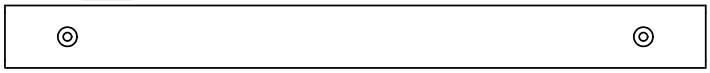
2pc. - **334** - Crowsnest Face 2 x 4 x 27¾" - Box 4 - 3638107



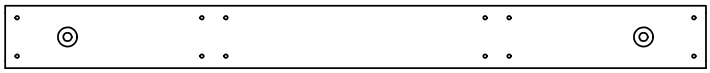
1pc. - **470** - SL Support 2 x 4 x 26¼" - Box 4 - 3638168



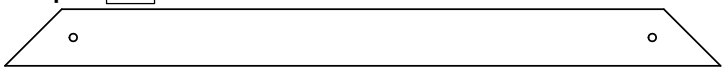
1pc. - **324** - Crowsnest Top 2 x 4 x 36½" - Box 4 - 3638640



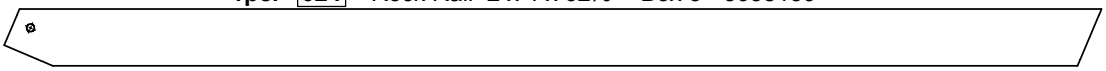
1pc. - **321** - Crowsnest Front 2 x 4 x 36½" - Box 4 - 3638637



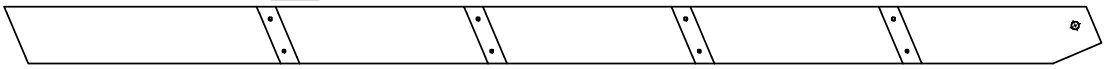
2pc. - **222** - Gable Bottom 2 x 4 x 41" - Box 5 - 3638611



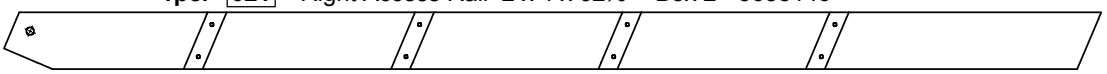
1pc. - **024** - Rock Rail 2 x 4 x 62⅞" - Box 3 - 3638139



1pc. - **020** - Left Access Rail 2 x 4 x 62⅞" - Box 2 - 3638145



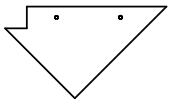
1pc. - **021** - Right Access Rail 2 x 4 x 62⅞" - Box 2 - 3638146



2pc. - **044** - Joist Side 2 x 4 x 67½" - Box 4 - 3638644

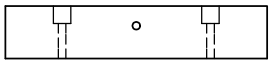
2pc. - **143** - Joist 2 x 4 x 67½" - Box 4 - 3638643

2pc. - **232** - Transom Side 1¼ x 5¼ x 9¼" - Box 3 - 3638594

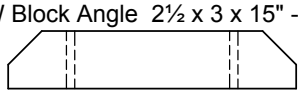


2pc. - **323** - Crowsnest Gusset 2 x 6 x 15" - Box 4 - 3638112

1pc. - **281** - Block SW 2½ x 3 x 15" - Box 5 - 3638507



1pc. - **280** - SW Block Angle 2½ x 3 x 15" - Box 5 - 3638508



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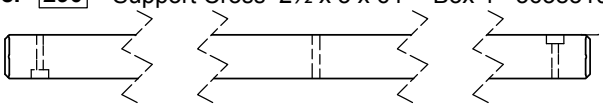
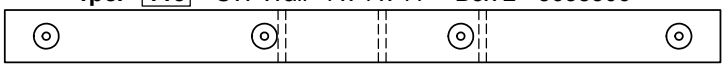
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
2" x 4"	1¼" x 3¼"
2" x 5"	1¼" x 4½"
2" x 6"	1¼" x 5¼"
3" x 6"	3" x 5¼"
4" x 4"	3 x 3

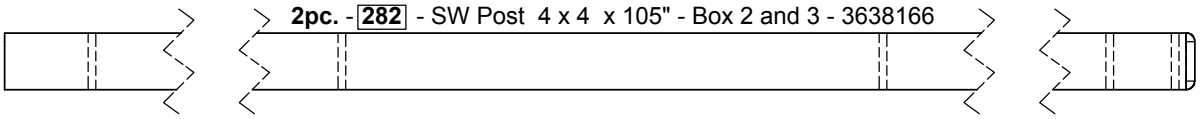
1pc. - **290** - Support Cross 2½ x 3 x 64" - Box 4 - 3638510



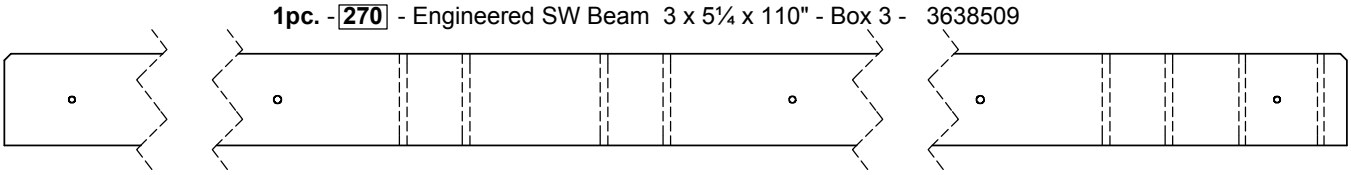
1pc. - **113** - SW Wall 4 x 4 x 41" - Box 2 - 3638506



2pc. - **282** - SW Post 4 x 4 x 105" - Box 2 and 3 - 3638166

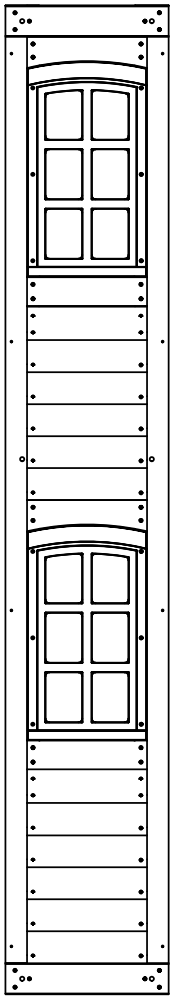


1pc. - **270** - Engineered SW Beam 3 x 5¼ x 110" - Box 3 - 3638509



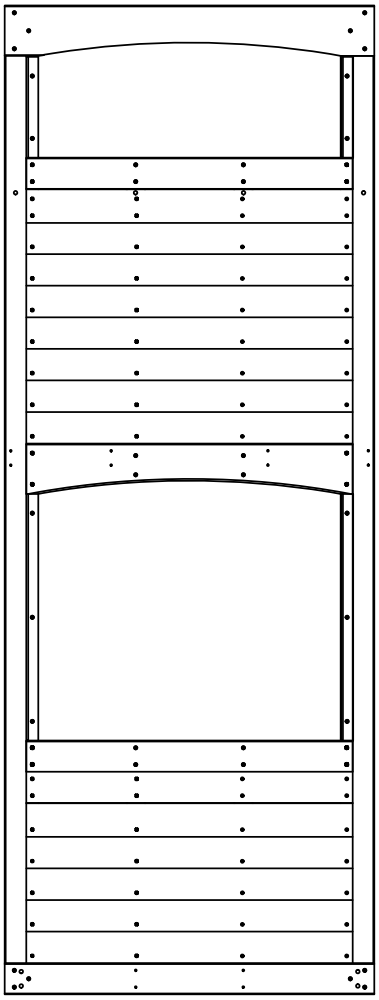
Part Identification (Reduced Assembly Size)

4pc. - 030 - Narrow Window Panel
1¼ x 17 x 103" - Box 3 -37638560

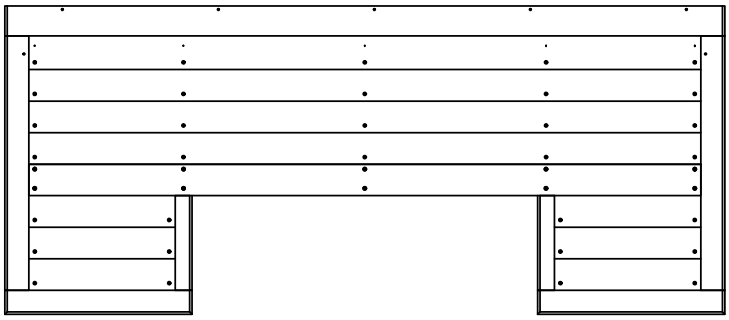


1pc. - 231 - Back Roof Panel
1¼ x 32⅛ x 75" - Box 2 -37638578

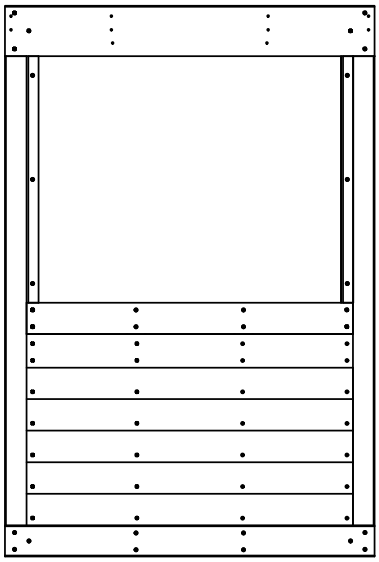
1pc. - 040 - SW Side Panel
1¼ x 38½ x 103" - Box 2 - 37638556



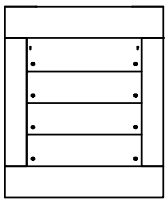
1pc. - 230 - Front Roof Panel
1¼ x 32⅛ x 75" - Box 4 -37638574



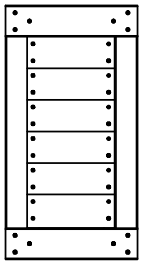
1pc. - 032 - SL Side Panel
1¼ x 38½ x 57⅜"- Box 4 -37638550



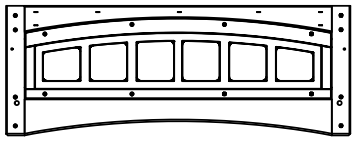
1pc. - 019 - Door Bottom Half Panel
Dark Brown
1¼ x 16½ x 19⅞"- Box 4 -37608525



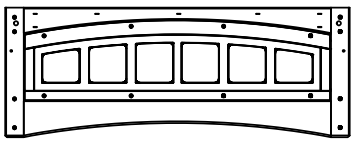
1pc. - 064 - Chalkwall Panel
1¼ x 13¾ x 26-7/16"- Box 4 - 37638551



1pc. - 061 - Transom Panel Front
1¼ x 13½ x 35⅞" - Box 2 -37638530



1pc. - 070 - Transom Panel Back
1¼ x 13½ x 35⅞" - Box 2 -37638627

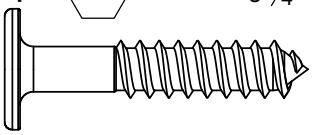


1pc. - 083 - Slidenest Assembly Left
2-3/16" x 5¼ x 7 17/32" - Box 4 -37638582

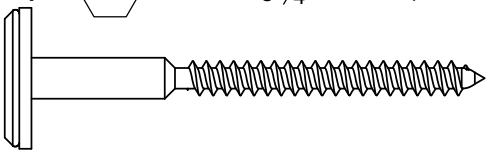
1pc. - 082 - Slidenest Assembly Right
2-3/16" x 5¼ x 7 17/32" - Box 4 -37638581

Hardware Identification (Actual Size)

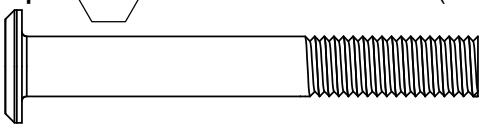
5pc. -**WL3** -Wafer Lag ¼ x 1⅜" - (52613216)



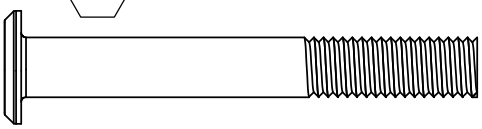
14pc. -**WL5** -Wafer Lag ¼ x 2½" - (52613222)



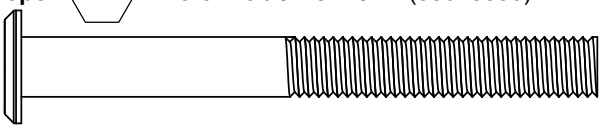
22pc. -**WB9** -Wafer Bolt 5/16 x 2⅛" - (53613324)



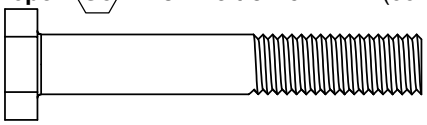
9pc. -**WB8** -Wafer Bolt 5/16 x 2⅜" - (53613326)



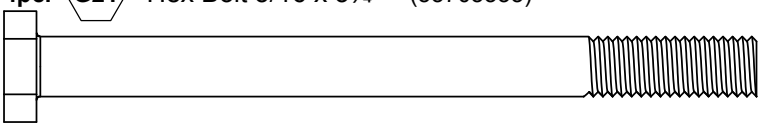
13pc. -**WB7** -Wafer Bolt 5/16 x 3" - (53613330)



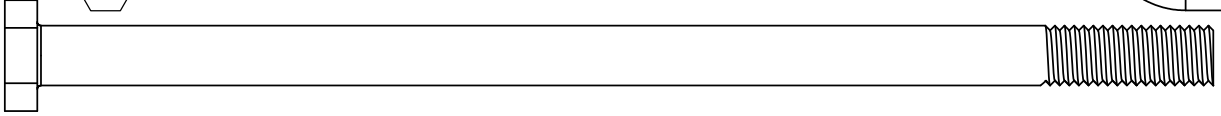
23pc. -**G8** -Hex Bolt 5/16 x 2" - (53703320)



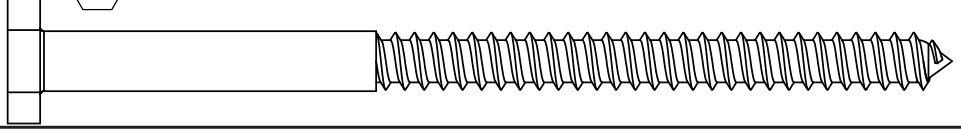
4pc. -**G21** -Hex Bolt 5/16 x 3¾" - (53703333)



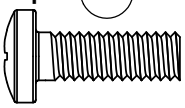
12pc. -**G13** -Hex Bolt 5/16 x 6⅛" - (53703364)



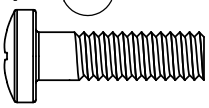
5pc. -**LS9** -Lag Screw 5/16 x 4¾" - (52213343)



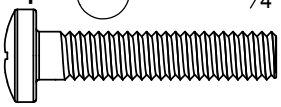
89pc. -**PB1** -Pan Bolt ¼ x ¾ (53413203)



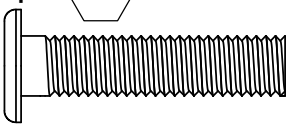
1pc. -**PB6** -Pan Bolt ¼ x 1 (53413210)



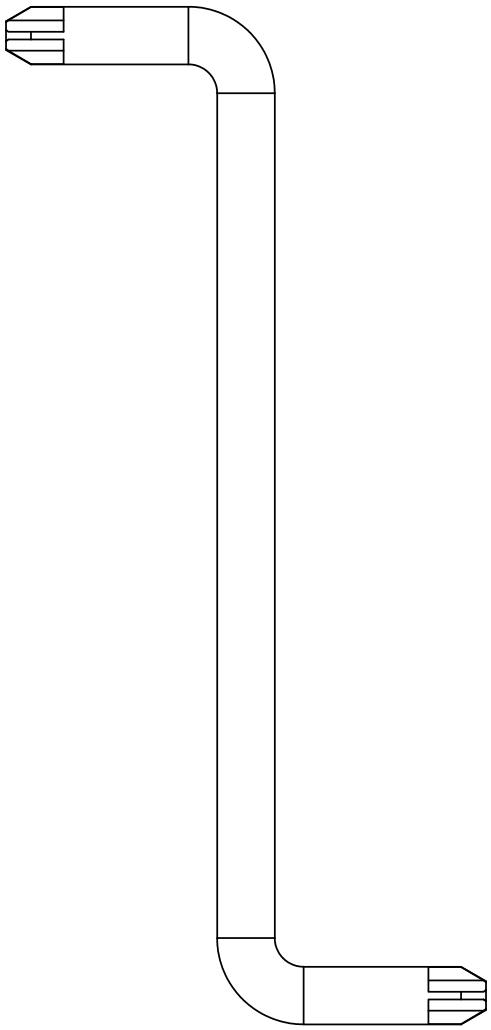
13pc. -**PB2** -Pan Bolt ¼ x 1¼ (53433212)



3pc. -**WB2** -Wafer Bolt 5/16 x 1⅜" - (53613316)

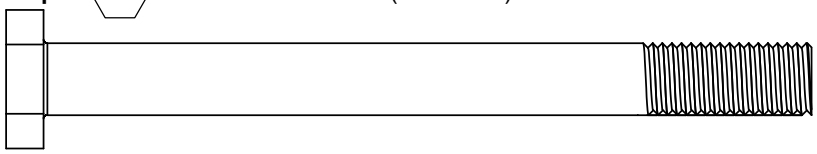


1pc. **D1** **- #3 Quadrex Driver** - (9200015)

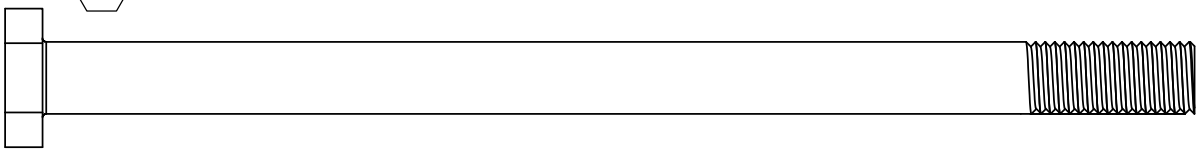


Hardware Identification (Actual Size)

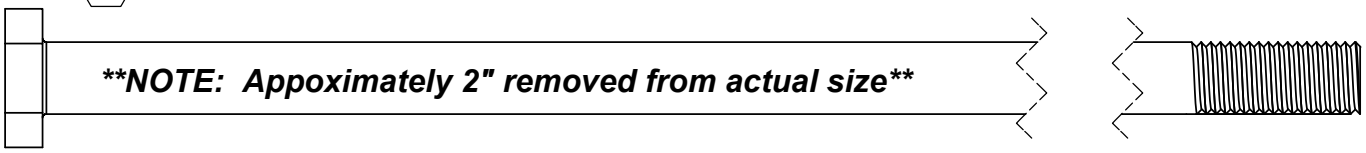
1pc. -(G20) -Hex Bolt 3/8 x 4" - (53703840)



4pc. -(G17) -Hex Bolt 3/8 x 6" - (53703860)

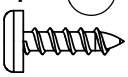


1pc. -(G18) -Hex Bolt 3/8 x 9" - (53703890)

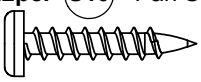


1pc. -(G26) -Hex Bolt 3/8 x 9¼" - (53703891)

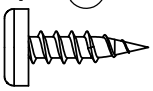
20pc. -(S13) -Pan Screw #6 x $\frac{5}{8}$" - (52413908)



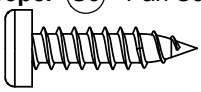
22pc. -(S10) -Pan Screw #8 x 1" - (52433510)



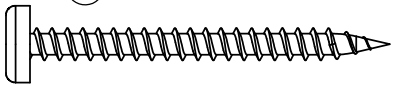
68pc. -(S8) -Pan Screw #12 x ¾" - (52433603)



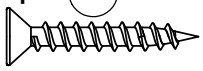
15pc. -(S6) -Pan Screw #12 x 1" - (52433610)



15pc. -(S7) -Pan Screw #12 x 2" - (52433620)

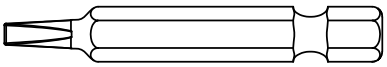


8pc. -(S18) -Wood Screw #6 x 1" - (52013910)

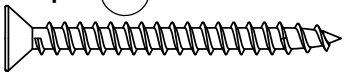


195pc. -(S20) -Wood Screw #8 x 1-3/8" - (52043516)

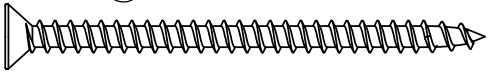
1pc. -[D4]
#2 x 2" Robertson Driver Bit
(9200014)



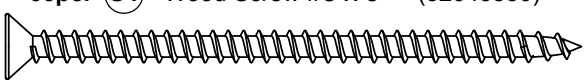
150pc. -(S15) -Wood Screw #8 x 1¾" - (52043513)



57pc. -(S3) -Wood Screw #8 x 2½" - (52043522)

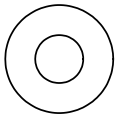


66pc. -(S4) -Wood Screw #8 x 3" - (52043530)

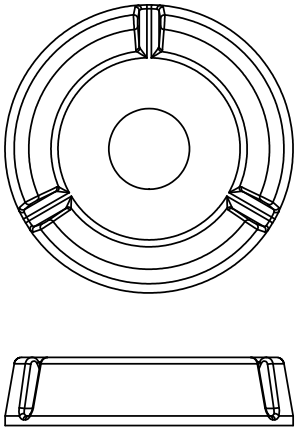


Hardware Identification (Actual Size)

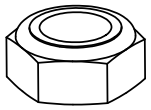
15pc. (FW0) -3/16" Flat Washer - (51103100)



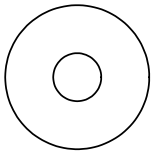
1pc. (FW5) - (18Pk) Plastic Formed Washer - (3290000)



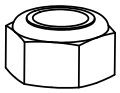
8pc. (LN3) -3/8" Lock Nut - (54303800)



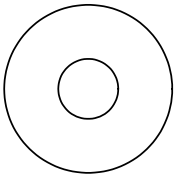
12pc. (FW1) -1/4" Flat Washer - (51103200)



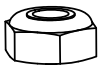
13pc. (LN2) -5/16" Lock Nut - (54303300)



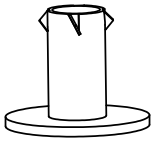
101pc. (FW2) - 5/16" Flat Washer - (51103300)



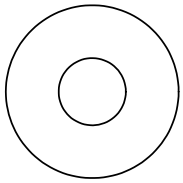
91pc. (LN1) -¼" Lock Nut - (54303200)



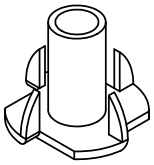
11pc. [BN1] -1/4" Barrel Nut - (54803200)



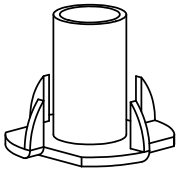
15pc. (FW10) - 3/8" Flat Washer -Narrow - (51103800)



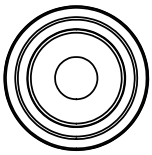
3pc. [TN1] -¼" T- Nut - (54503200)



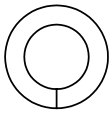
73pc. [TN2] -5/16" T- Nut - (54503300)



8pc. (FW6) -#12 Screw Bezel - (55902600)



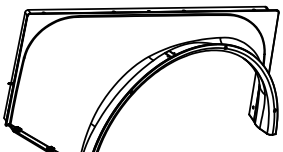
27pc. (LW2) - 5/16" Lock Washer - (51303300)

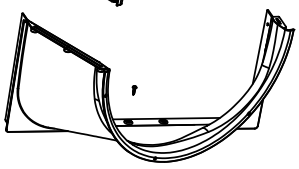


13pc. (LW1) -1/4" Lock Washer - (51303200)

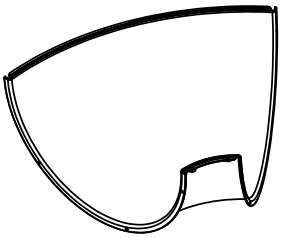
Accessory Identification (Reduced Size)

1x - TNR2 Slide RT Flange
(3310123)





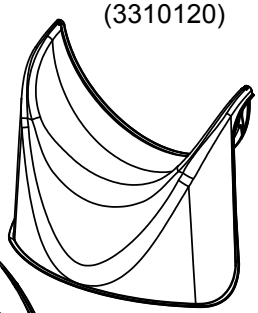
1x - TNR2 Slide LT Flange
(3310122)



9x - TNR2 Slide Elbow
(3310121)

10x - TNR2 Slide Clamp Ring
(9300120)

1x - TNR2 Slide Exit
(3310120)



1x - TNR2 Slide Exit Top
(3310124)

Part Identification (Reduced Part Size)

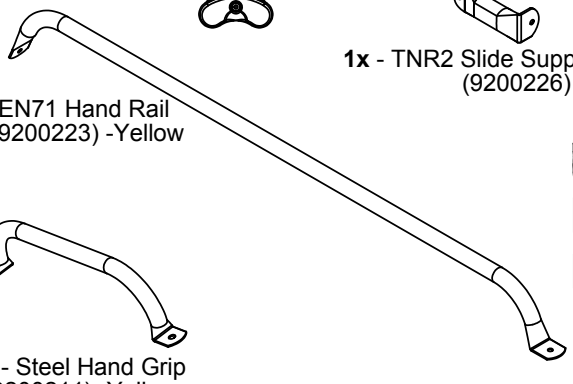
1x. - Rocks (10pk)
(3320210) -Green/Yellow/Burgundy

1x - Cedar Summit Plaque
(9320358)

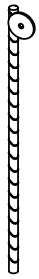
1x - (3pk) Swing Bracket Set
(3201530) -Green

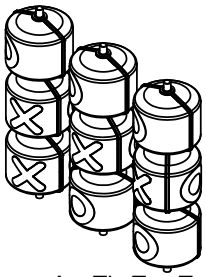
1x - TNR2 Slide Support -Yellow
(9200226)

1x - EN71 Hand Rail
(9200223) -Yellow



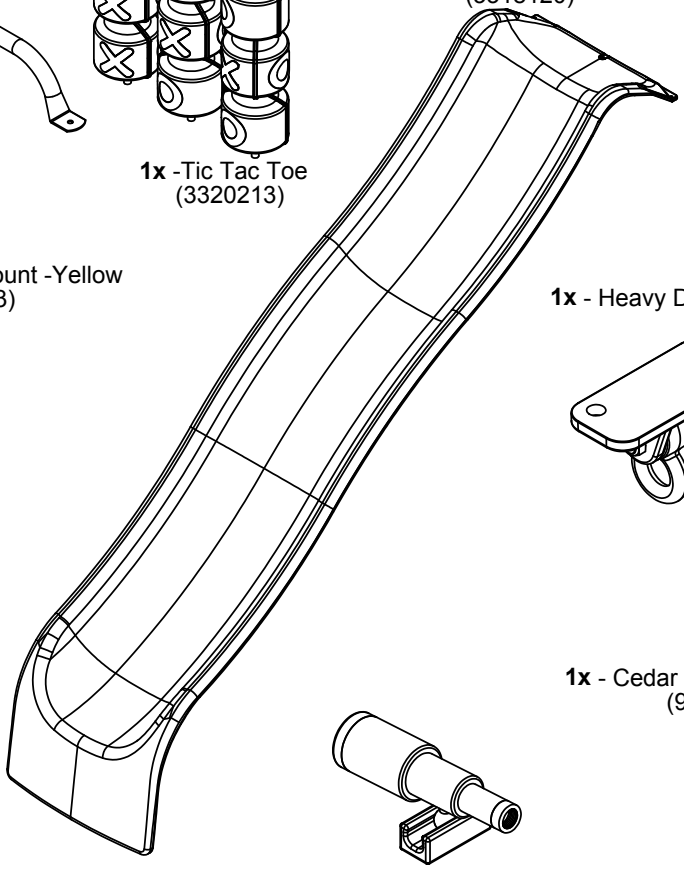
1x - (6pk) Rebar
Ground Stake16"
(3200318)

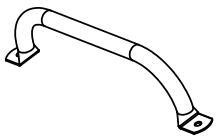




1x -Tic Tac Toe
(3320213)

1x - Maze N Wave 2.5M Slide
(3318120)

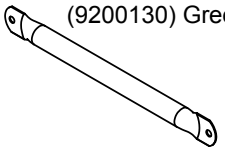




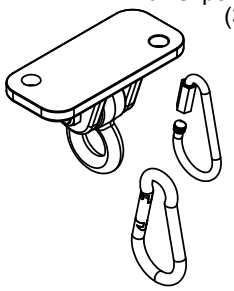
2x - Steel Hand Grip
(9200211) -Yellow

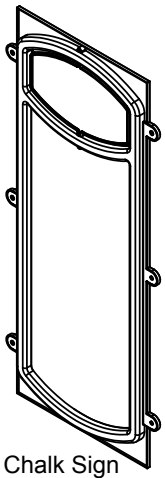
1x - TNR2 Post Mount -Yellow
(9200203)

1x - Acro Bar
(9200130) Green



1x - Heavy Duty Swing Hangers
with Clips **(6pc set)**
(3201950)



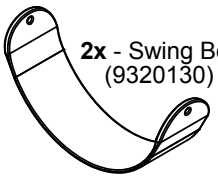


2x - Acro Handle
(9320131) Green

1x - Cedar Summit ID Plaque
(9320357)

1x - Spin Chalk Sign
(3320715)

1x - Telescope
(3320161)



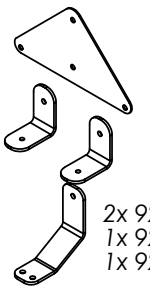
2x - Swing Belt Seat
(9320130) Green

1x - Welded Chain Bag
(3200170) Green

4x 9201254
54" chain -Green

2x 9201225
25" chain -Green

1x - Heavy Bracket Set
(3200150) Green



2x 9200151 (L-Bracket)
1x 9200152(T-Bracket)
1x 9200150 (G-Bracket)

1x - Weston Lodge Bracket Set
(3205529)

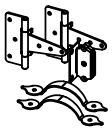
(8pk) 3200630
Corner Panel Brkt

(2pk) 3200634
150° Brkt

(6pk) 3200642
Flat Panel Brkt

(2pk) 3200632
Narrow Ang. Brkt

1x - Door Hardware
(3201710)



2x 9201712
Door Hinge -Green

9207713
Door Catch

1x Magnetic Catch
1x Catch Plate

2x 9207711
Door Handle -Green

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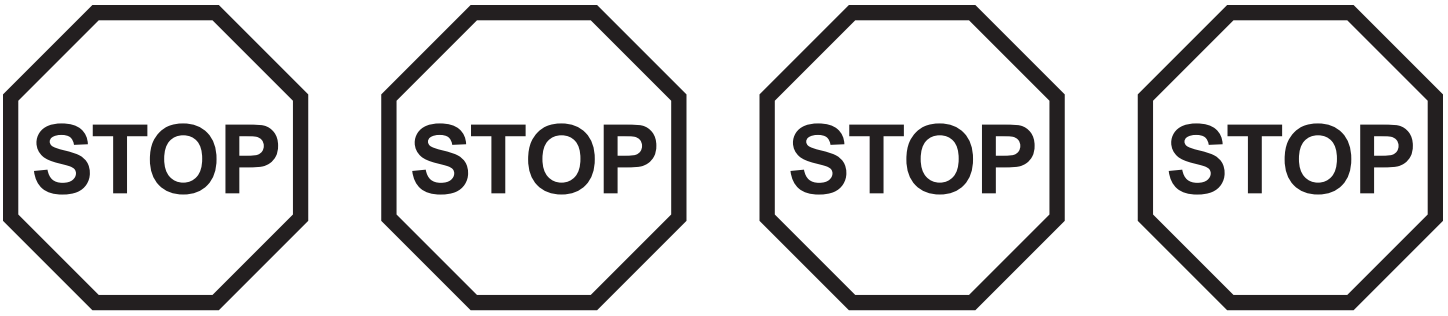
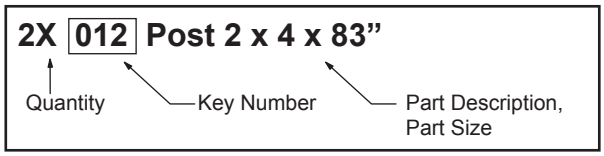
First Step: Inventory Parts - Read This Before Starting Assembly



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.



- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.

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

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support@cedarsummitplay.com

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

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

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the 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: **F25529**

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

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

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

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

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

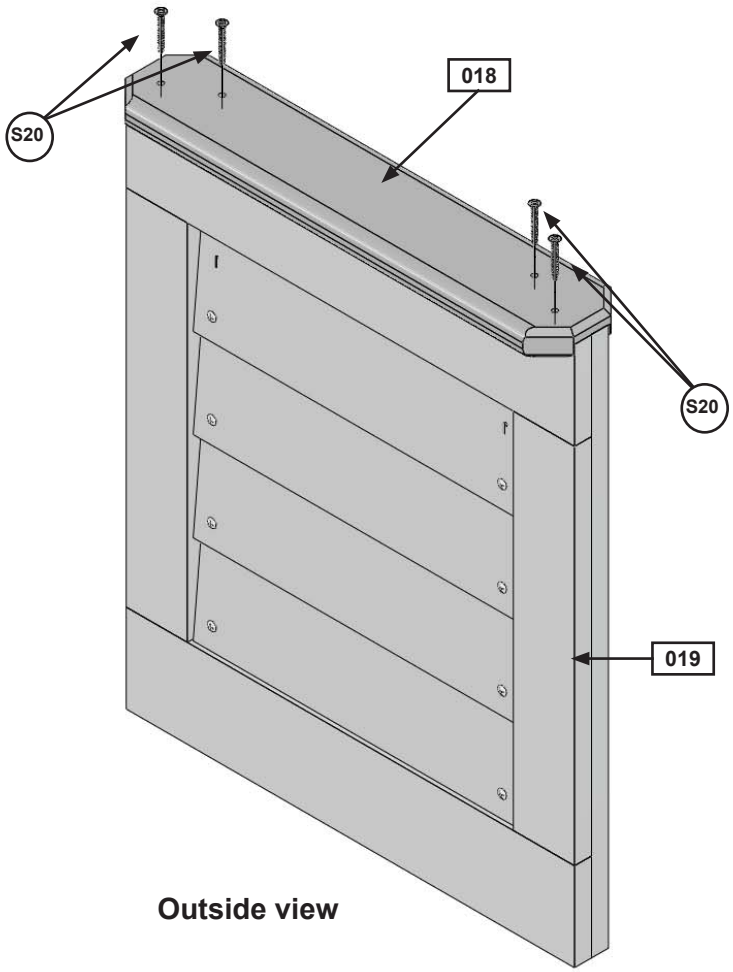
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 1: Half Door Panel Assembly
Part 1

A: Fit (018) Door Top on top of (019) Door Bottom Half Panel then attach with 4 (S20) #8 x 1-3/8” Wood Screws. Make sure the sides are flush to each other. (fig. 1.1)

Fig. 1.1



Outside view

Wood Parts

1 x 019 **Door Bottom Half Panel 1-1/4 x 16-1/2 x 19-7/8”**

1 x 018 **Door Top 5/4 x 4 x 16-1/2”**

Hardware

4 x S20 **#8 x 1-3/8” Wood Screw**

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Step 1: Half Door Panel Assembly Part 2

B: On the inside of (019) Door Bottom Half Panel attach Catch Plate mid way up the panel and flush to the outside of the panel edge using 2 (S18) #6 x 1" Wood Screws. (fig.1.2 and 1.3)

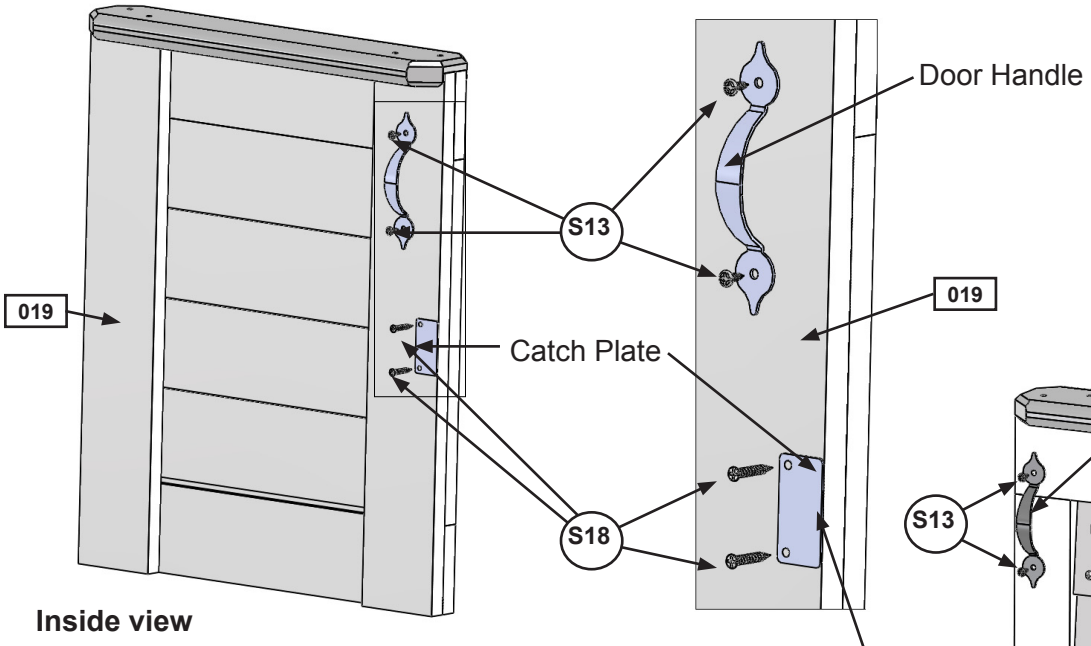
C: On the inside of (019) Door Bottom Half Panel above the Catch Plate and centred on the end board attach 1 Door Handle using 2 (S13) #6 x 5/8" Pan Screws. (fig. 1.2 and 1.3)

D: On the outside of (019) Door Bottom Half 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.1.4)

E: Attach 2 Door Hinges on the outside of the (019) Door Bottom Half Panel on the opposite side from the Door Handle. Judge spacing based on fig. 1.4. Use 3 (S13) # 6 x 5/8" Pan Screws per Hinge. (fig. 1.5)

Note: Hinge stops must be tight to (019) Door Bottom Half Panel. (fig. 1.5)

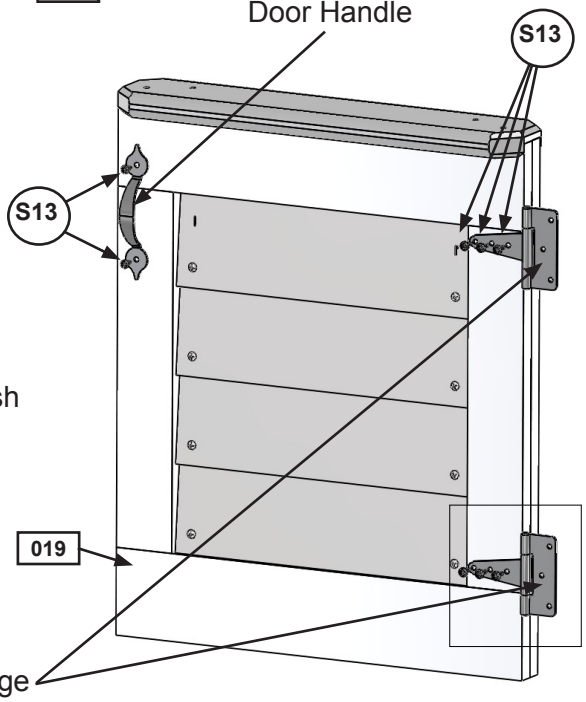
Fig. 1.2



Inside view

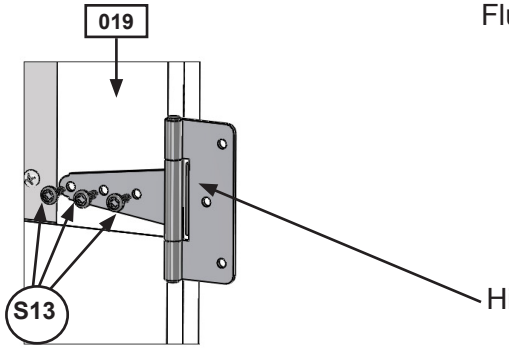
Fig. 1.3

Fig. 1.4



Outside view

Fig. 1.5



Hardware

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

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

Other Parts

2 x Door Handle
2 x Hinge
1 x Catch Plate

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Step 2: Access Ladder / Rockwall Assembly Part 1

A: Place (020) Left Access Rail on left hand side of 4 (022) Ladder Treads and (021) Right Access Rail on right hand side with the grooves facing in. (fig. 2.1)

B: Fit each (022) Ladder Tread into grooves on both (020) and (021) Access Rails, make sure the top edge of the 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 Ladder Treads together using 4 (S3) #8 x 2-1/2" Wood Screws per tread. (fig. 2.1)

D: Attach Swing Brackets to the inside top of (020) and (021) Access Rails at angled edge using 1 (WB2) 5/16 x 1-3/8" Wafer Bolt (with flat washer and t-nut) per bracket. Edge of Swing Bracket is flush with edge of access rails. (fig. 2.1 and 2.3)

Fig. 2.1
Right Side

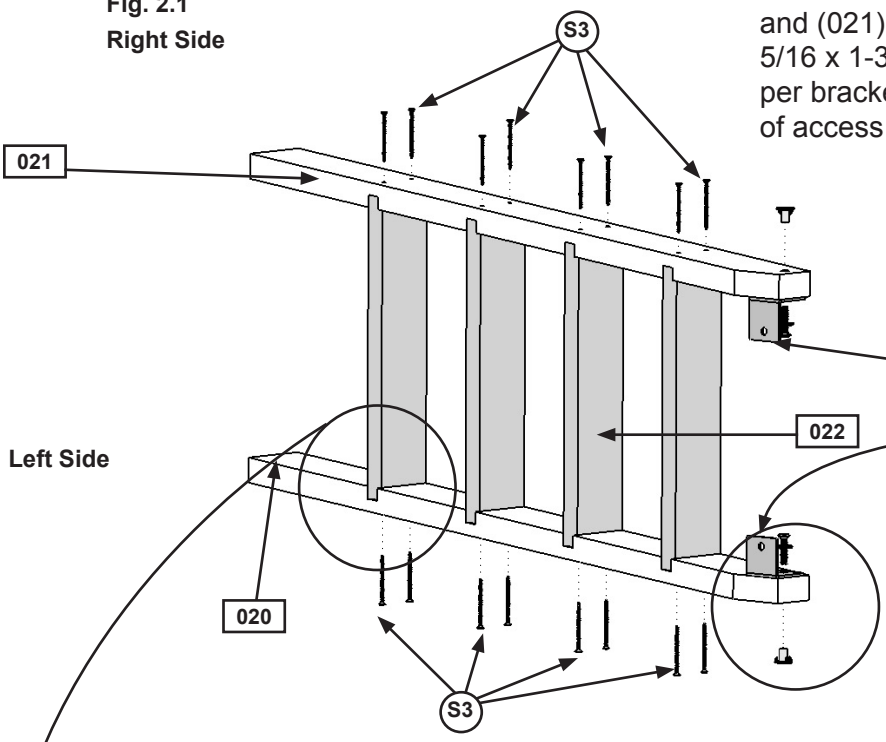


Fig. 2.2
End View

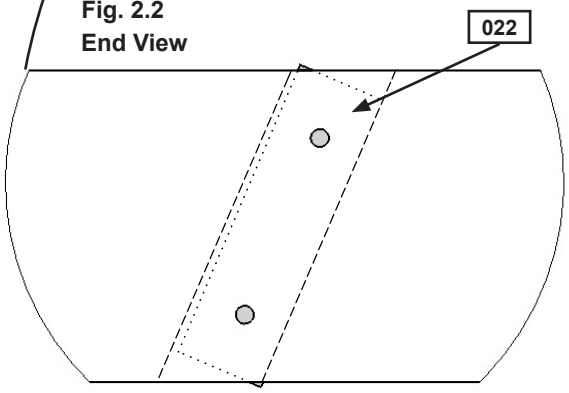
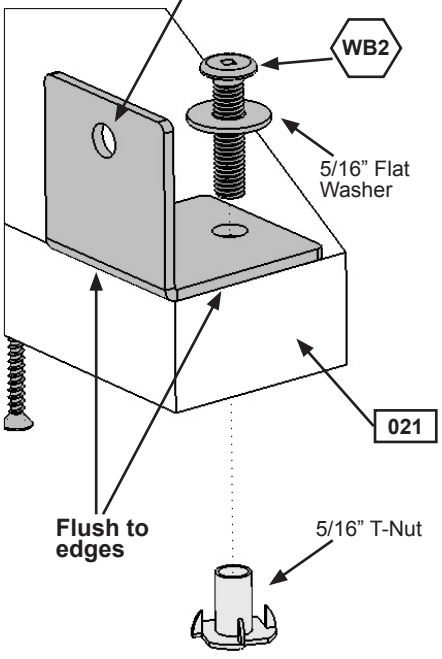


Fig. 2.3

Top of Ladder View



Wood Parts

- 1 x 020 **Left Access Rail 2 x 4 x 62-7/8"**
- 1 x 021 **Right Access Rail 2 x 4 x 62-7/8"**
- 4 x 022 **Ladder Tread 5/4 x 4 x 13-3/4"**

Hardware

- 16 x S3 **#8 x 2-1/2" Wood Screw**
- 2 x WB2 **5/16 x 1-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Other Parts

- **2 x Swing Bracket**

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Step 2: Access Ladder / Rockwall Assembly Part 2

E: Place (023) Gap Ladder on each access rail so there is a 2-3/8" gap between (023) Gap Ladder and the top (022) Ladder Tread. Attach using 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 2.4 and 2.5)

F: Place (024) Rock Rail on the ground next to (021) Right Access Rail so it matches the orientation of the two access rails as shown in fig. 2.6. Attach (025) Top Ladder to top of Access Ladder assembly and (024) Rock Rail using 3 (S3) #8 x 2-1/2" Wood Screws. Notice that the holes in the board are towards the top. (fig. 2.6)

G: Attach 1 Swing Bracket to the top angled edge of (024) Rock Rail, making sure the bracket faces out. Use 1 (WB2) 5/16 x 1-3/8" Wafer Bolt (with flat washer and t-nut). (fig. 2.6)

Fig. 2.4

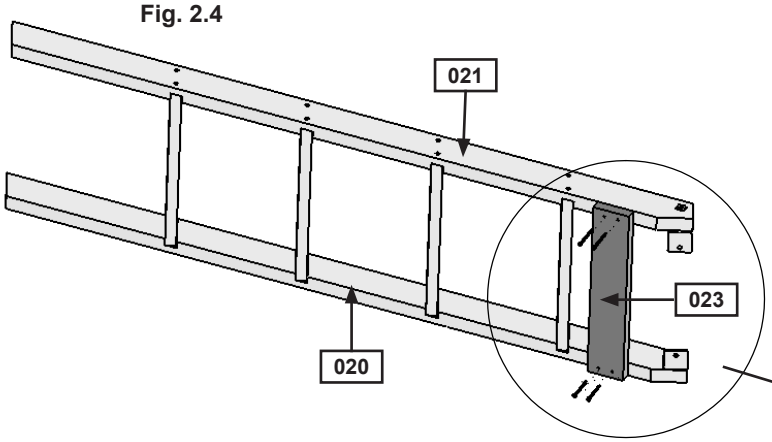


Fig. 2.5

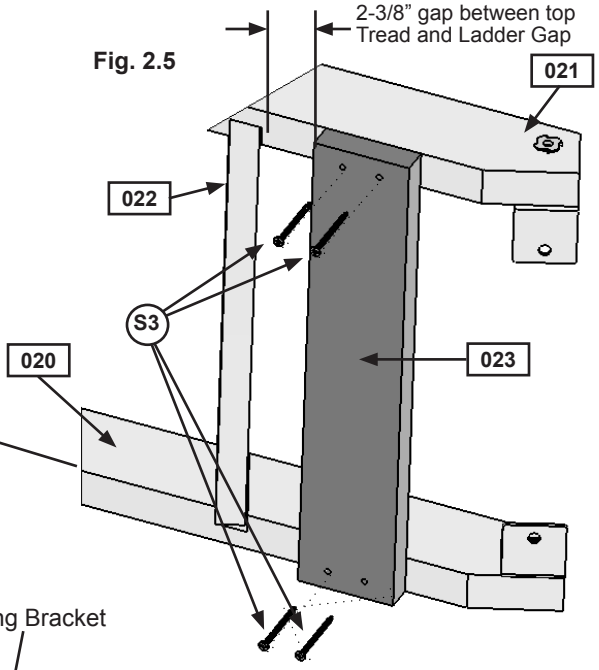
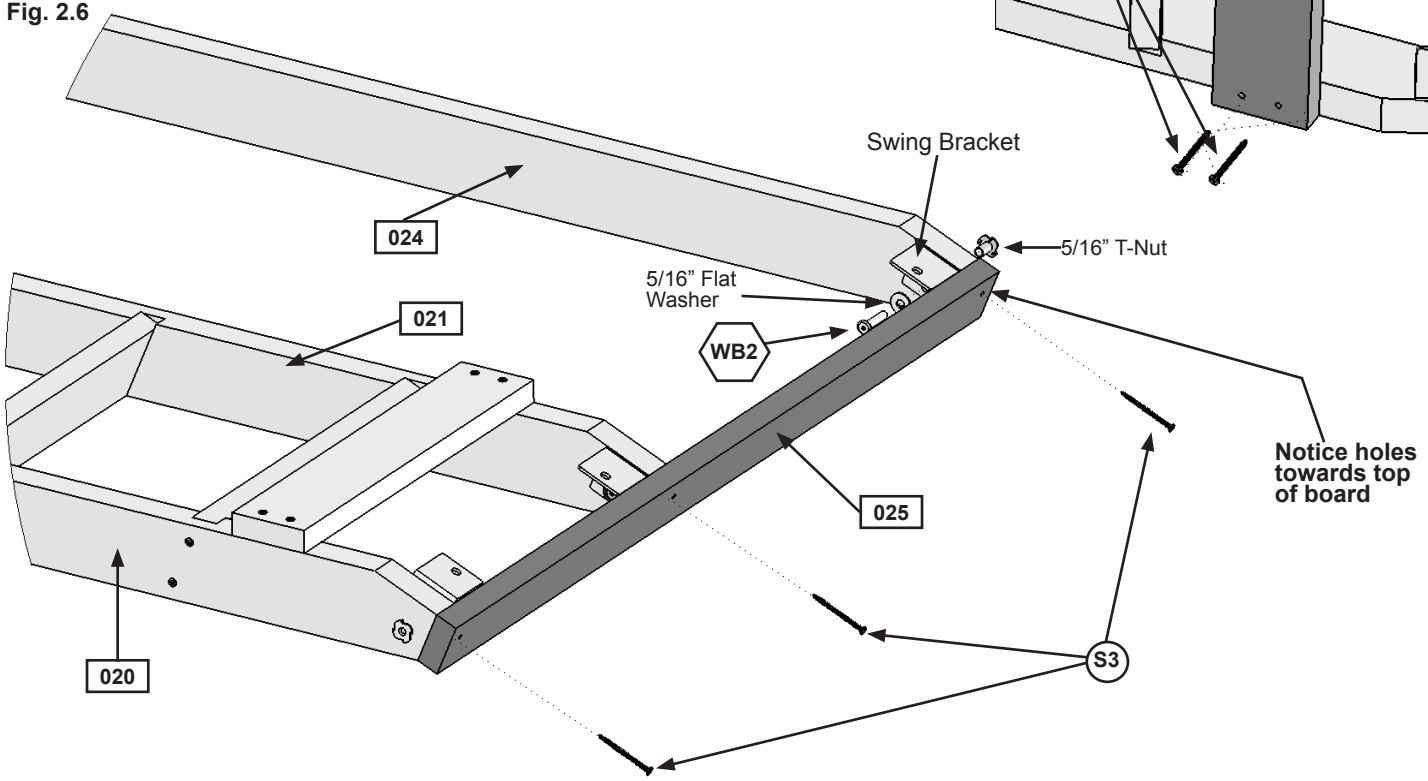


Fig. 2.6



Wood Parts

- 1 x 023 **Gap Ladder 5/4 x 4 x 15"**
- 1 x 024 **Rock Rail 2 x 4 x 62-7/8"**
- 1 x 025 **Top Ladder 5/4 x 3 x 35-7/8"**

Hardware

- 7 x S3 **#8 x 2-1/2" Wood Screw**
- 1 x WB2 **5/16 x 1-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Other Parts

- **1 x Swing Bracket**

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Step 2: Access Ladder / Rockwall Assembly Part 3

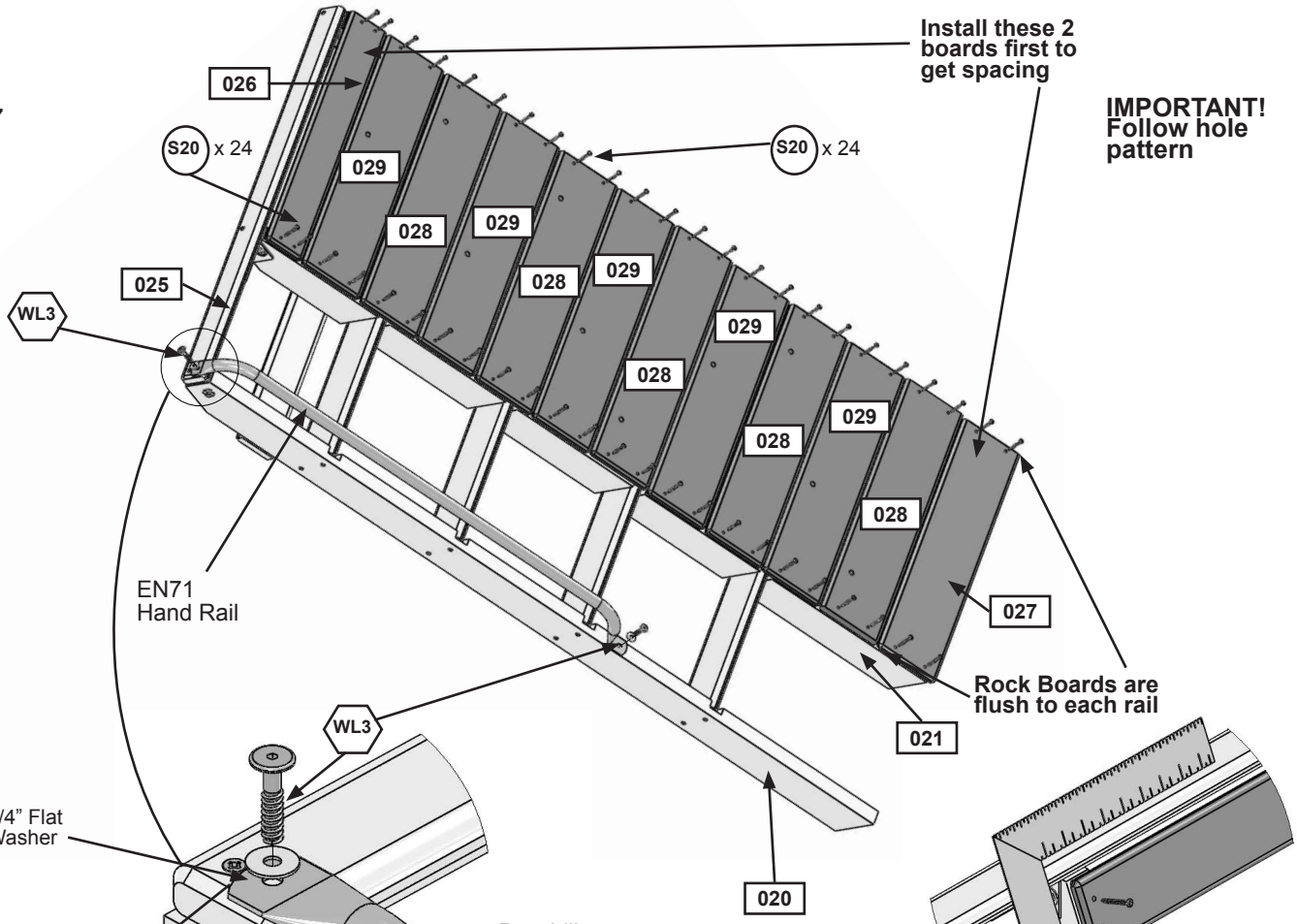
H: Place (026) Board Access at top of the assembly and (027) Access Rock Bottom at the bottom of the assembly as shown in fig. 2.7. Then place (028) Board Rock A and (029) Board Rock B as shown in fig. 2.7. Do not screw boards down yet. Rock holes are to be staggered so they do not form a straight line and are at the top of the boards. ***Note: Rock Boards are to be flush to (021) Right Access Rail and (024) Rock Rail. (fig. 2.7)***

I: Make sure all boards fit together snugly and the assembly is square, then attach (026) Board Access and (027) Access Rock Bottom using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 2.7 and 2.8)

J: Fasten all the other boards with 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 2.7)

K: Place EN71 Hand Rail 1" from front edge of (025) Top Ladder and on (020) Left Access Rail. **Pre-drill holes using a 3/16" drill bit** then attach EN71 Hand Rail using 2 (WL3) 1/4 x 1-3/8" Wafer Lags (with flat washer). (fig. 2.7 and 2.9)

Fig. 2.7



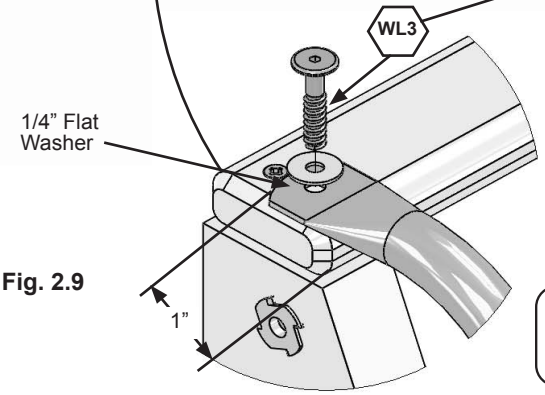
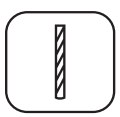


Fig. 2.9



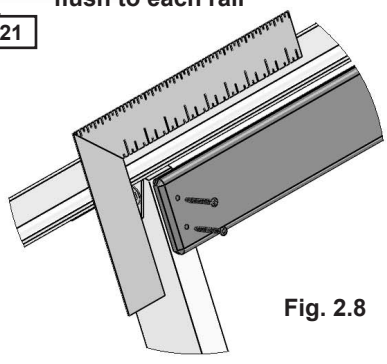


Fig. 2.8

Wood Parts	Hardware	Other Parts
1 x 026 Board Access 1 x 4 x 22-1/8"	48 x S20 #8 x 1-3/8" Wood Screw	1 x EN71 Hand Rail
1 x 027 Access Rock Bottom 1 x 6 x 22-1/8"	2 x WL3 1/4 x 1-3/8" Wafer Lag (1/4" flat washer)	
5 x 028 Board Rock A 1 x 6 x 22-1/8"		
5 x 029 Board Rock B 1 x 6 x 22-1/8"		

Step 2: Access Ladder / Rockwall Assembly
Part 4

L: Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) 1/4 x 1-1/4” Pan bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1” Pan Screw per rock. (fig. 2.10 and 2.11)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 2.10 and 2.11)

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

Fig. 2.10

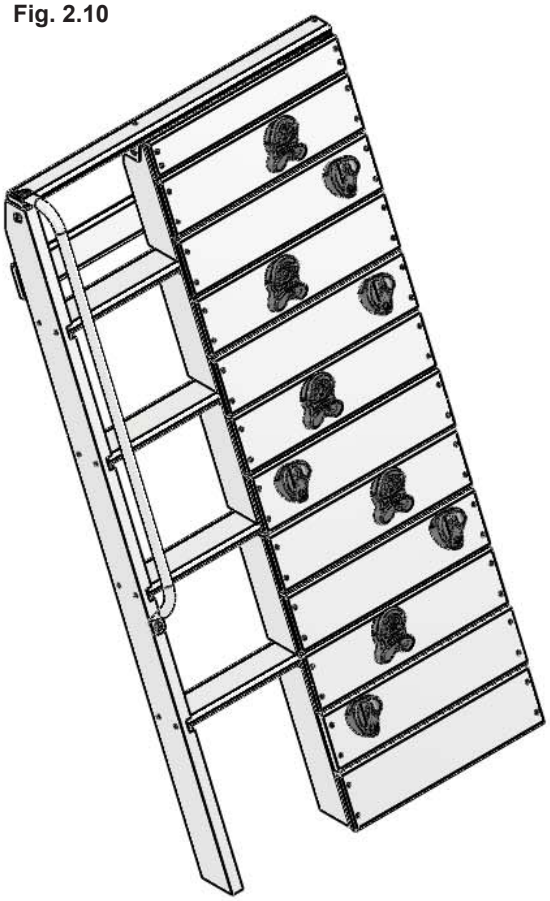
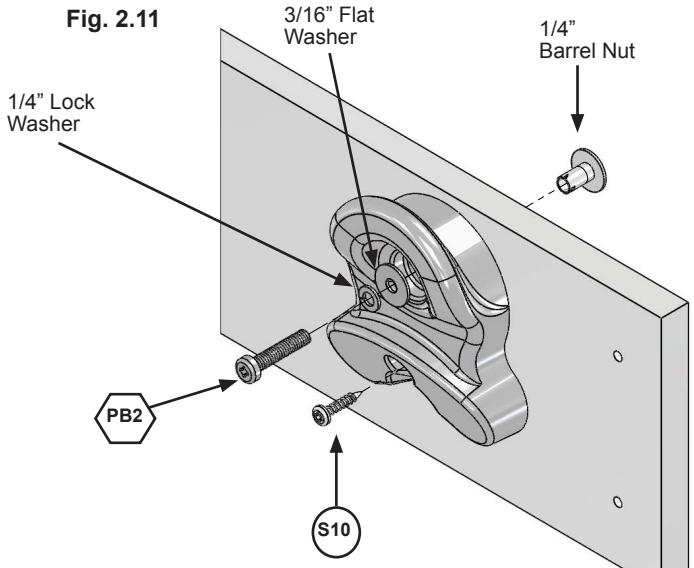


Fig. 2.11



Hardware

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

10 x S10 #8 x 1” Pan Screw

Other Parts

10 x Rocks (green/yellow/burgundy)

Step 3: Slide Side Wall Panel Assembly Part 1

A: Place 2 (030) Narrow Window Panels on the ground as shown in fig. 3.1 and 3.2.

B: Attach the bottom Corner Panel Brackets flush to the grooved edge of each panel with 2 (S8) #12 x 3/4" Pan Screws per bracket, as shown in fig. 3.1, 3.2 and 3.3.

C: Measure 51-1/2" from the bottom of each panel and attach the top Corner Panel Brackets with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 3.1 and 3.2)

Note: Top of Corner Panel Bracket must sit at 51-1/2".

Fig. 3.1

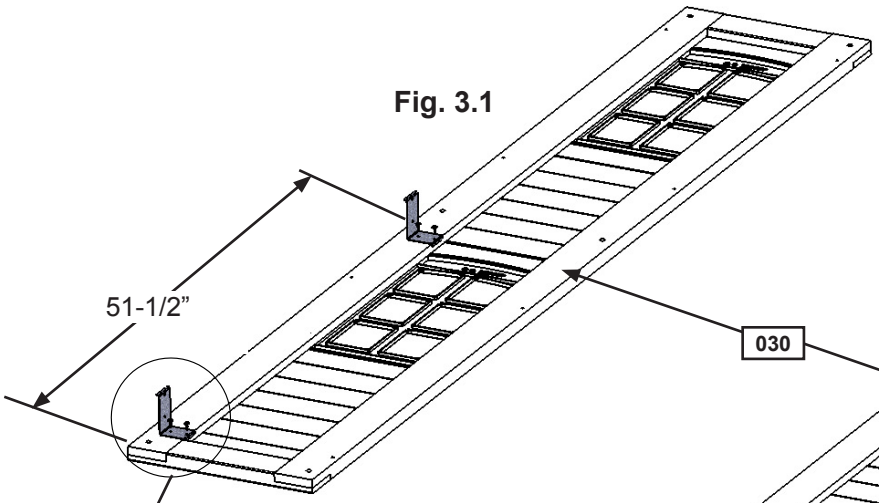


Fig. 3.2

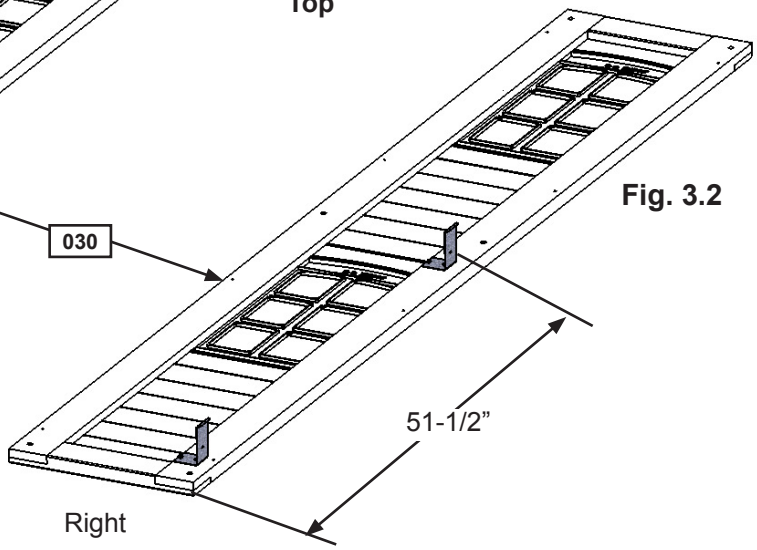
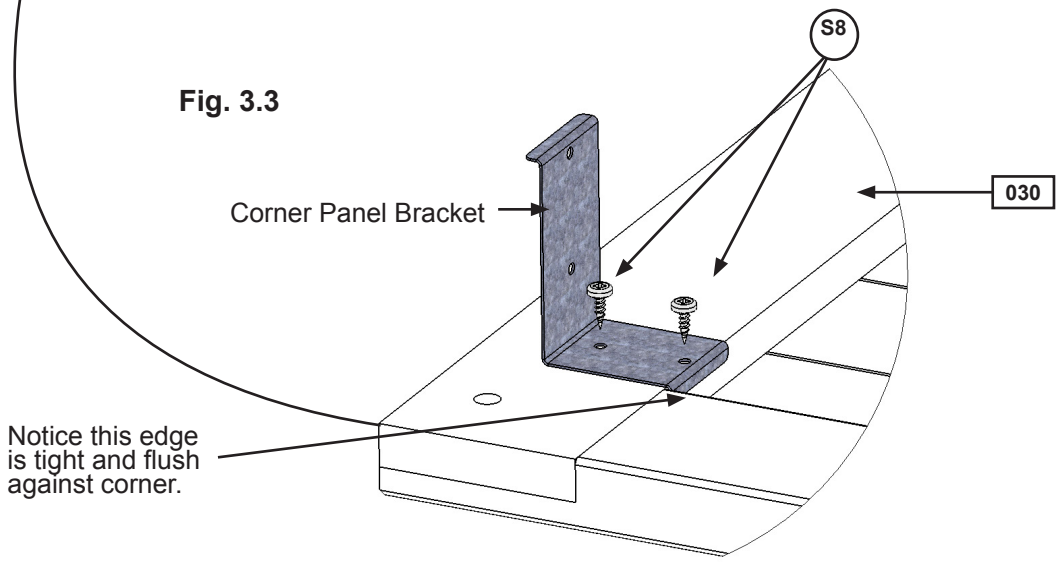


Fig. 3.3



Wood Parts	Hardware	Other Parts
2 x 030 Narrow Window Panel 1-1/4 x 17 x 103"	8 x S8 #12 x 3/4" Pan Screw	4 x Corner Panel Bracket

Step 3: Slide Side Wall Panel Assembly Part 2

D: Lay (032) SL Side Panel on the ground, then with a helper hold 1 (030) Narrow Window Panel up against the edge of (032) SL Side Panel so the bottom edges are flush. (fig. 3.4 and 3.5)

E: Attach both Corner Panel Brackets to (032) SL Side Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 3.4 and 3.5)

F: Repeat steps D & E for the second (030) Narrow Window Panel.

Fig. 3.4

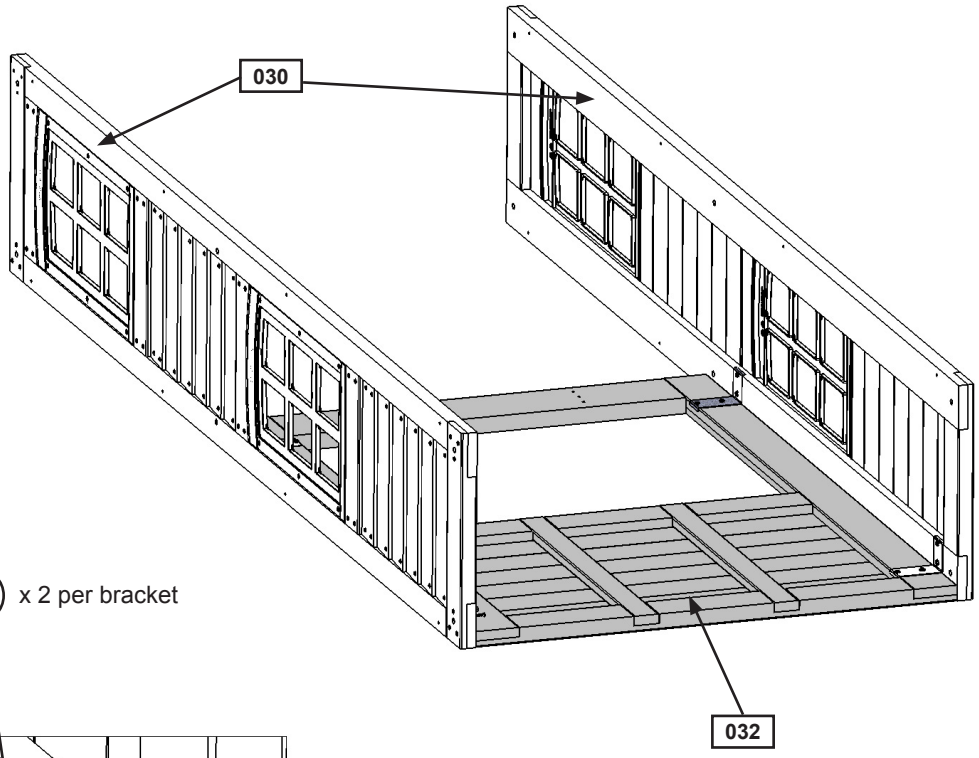
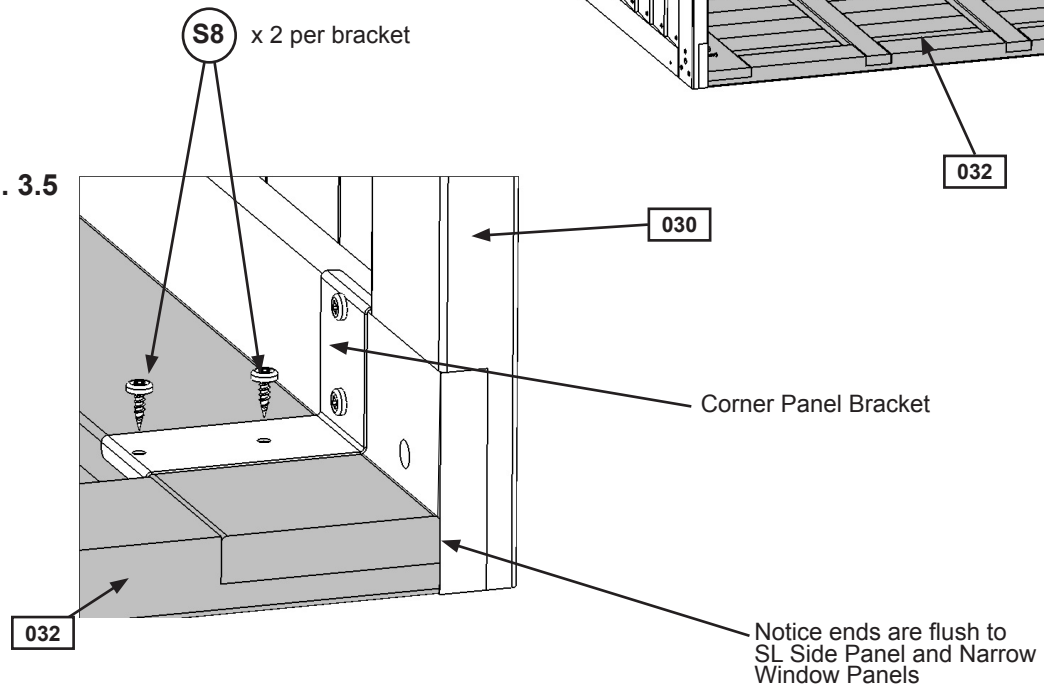


Fig. 3.5



Wood Parts

1 x 032 **SL Side Panel 1-1/4 x 38-1/2 x 57-3/8"**

Hardware

8 x S8 **#12 x 3/4" Pan Screw**

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Step 3: Slide Side Wall Panel Assembly Part 3

Note: Make sure both panels are square and flush to each other. (fig. 3.8)

G: Pre-drill with a 3/16” drill bit, then fasten the (030) Narrow Window Panels to the (032) SL Side Panel with 2 (WL5) 1/4 x 2-1/2” Wafer Lags per (030) Narrow Window Panel. (fig. 3.6 and 3.7)

Fig. 3.6

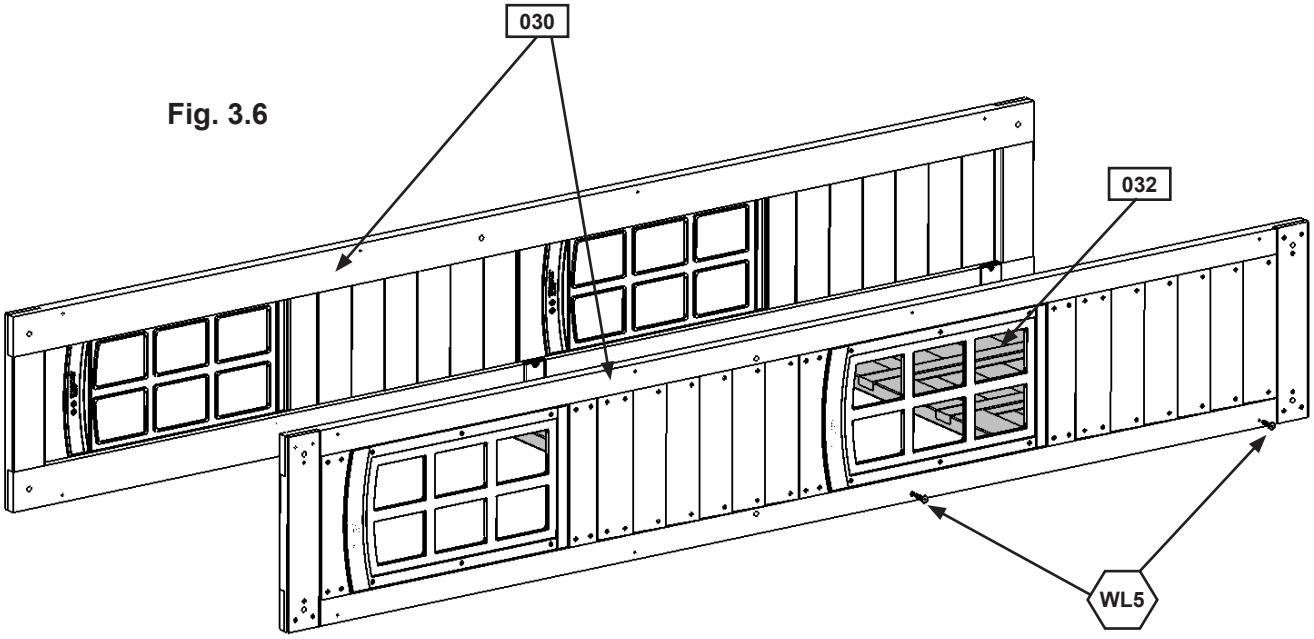


Fig. 3.7

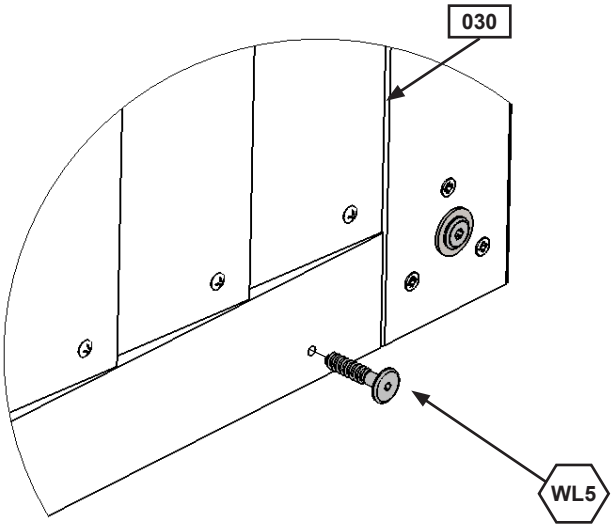
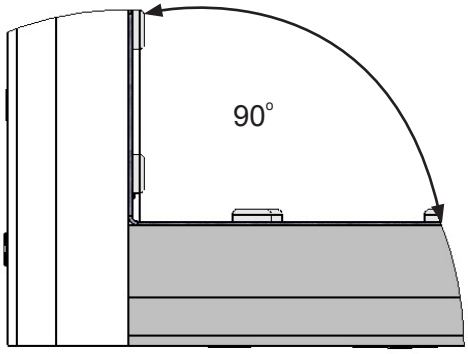


Fig. 3.8



Hardware

4 x (WL5) 1/4 x 2-1/2” Wafer Lag

Step 4: Swing Side Wall Panel Assembly Part 1

A: Place 2 (030) Narrow Window Panels on the ground as shown in fig. 4.1 and 4.2.

B: Attach the bottom Corner Panel Brackets flush to the grooved edge of each panel with 2 (S8) #12 x 3/4" Pan Screws per bracket, as shown in fig. 4.1, 4.2 and 4.3.

C: Measure 97-3/4" from the bottom of each panel and attach the top Corner Panel Brackets with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 4.1 and 4.2)

Note: Top of Corner Panel Bracket must sit at 97-3/4"

Fig. 4.1

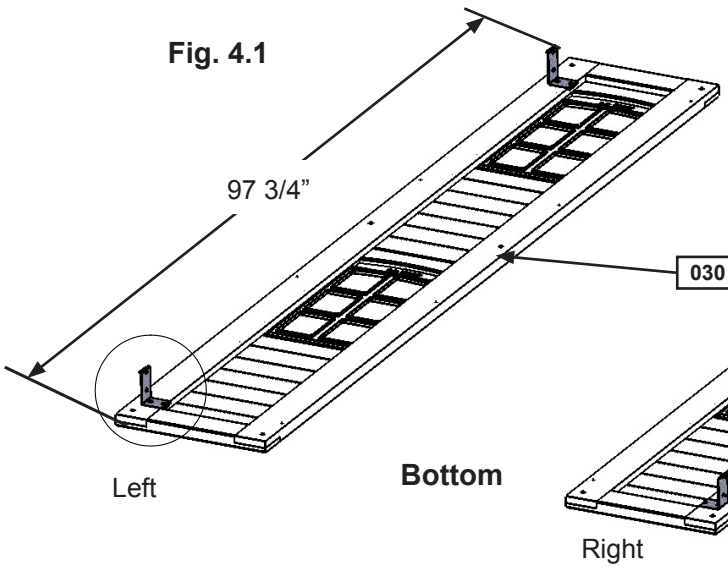


Fig. 4.2

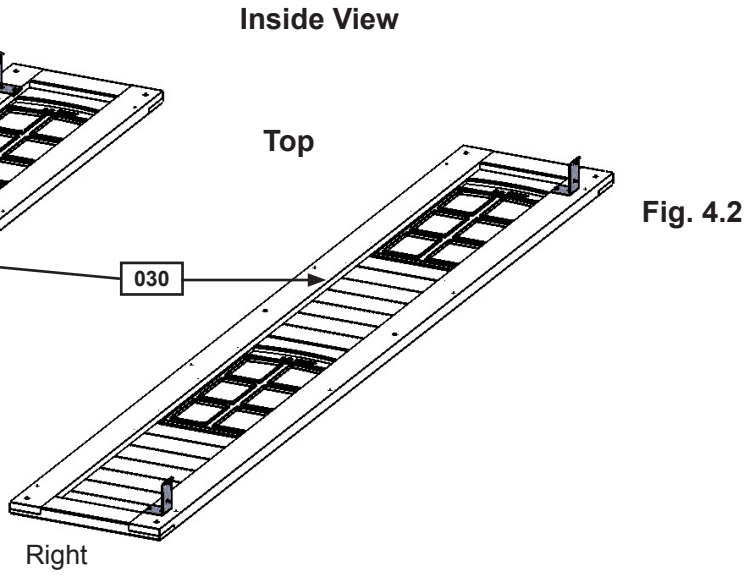
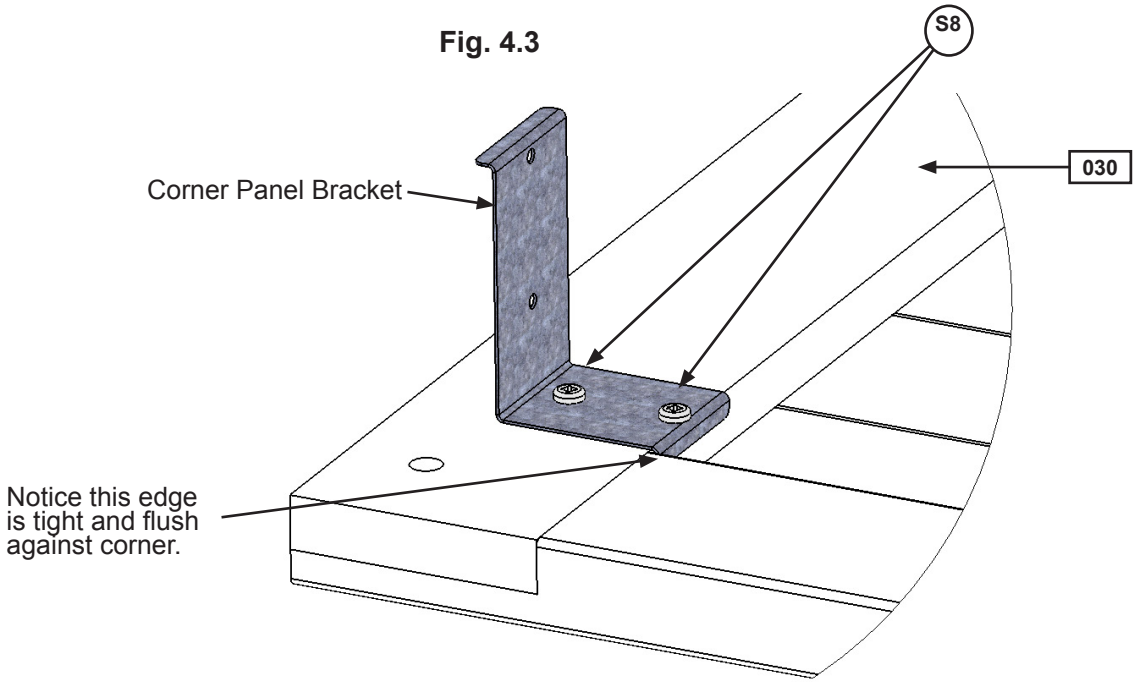


Fig. 4.3



Wood Parts	Hardware	Other Parts
2 x 030 Narrow Window Panel 1-1/4 x 17 x 103"	8 x S8 #12 x 3/4" Pan Screw	4 x Corner Panel Bracket

Step 4: Swing Side Wall Panel Assembly Part 2

D: Lay (040) SW Side Panel on the ground then with a helper hold 1 (030) Narrow Window Panel up against the edge of (040) SW Side Panel so the bottom edges are flush and the Corner Panel Bracket is flush to the grooved edges of (040) SW Side Panel. (fig. 4.4 and 4.5)

E: Attach both Corner Panel Brackets to (040) SW Side Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 4.4 and 4.5)

F: Repeat steps D & E for the second (030) Narrow Window Panel.

Fig. 4.4

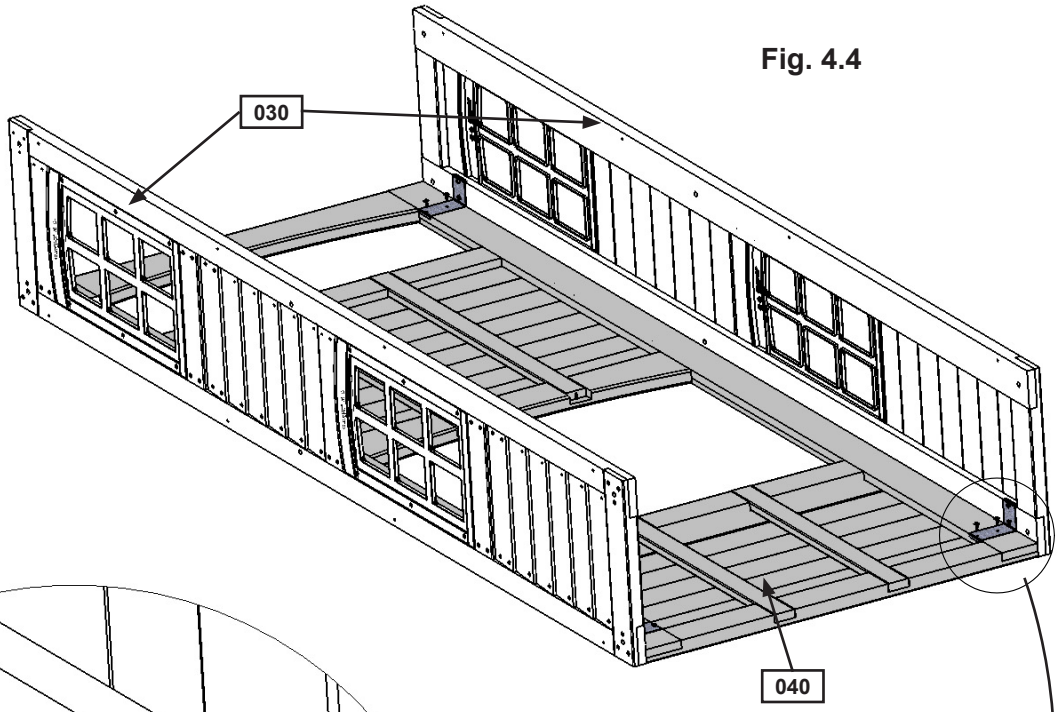
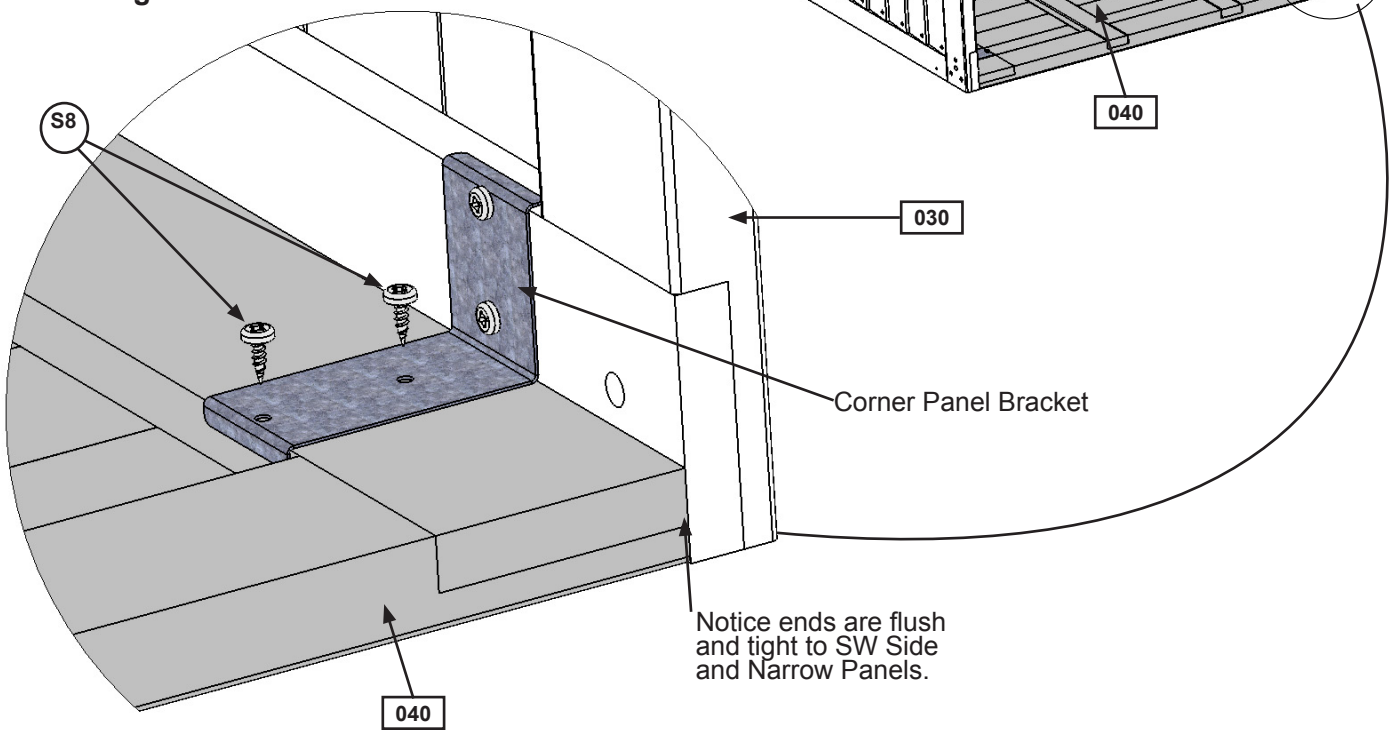


Fig. 4.5



Wood Parts

1 x [040] **SW Side Panel 1-1/4 x 38-1/2 x 103"**

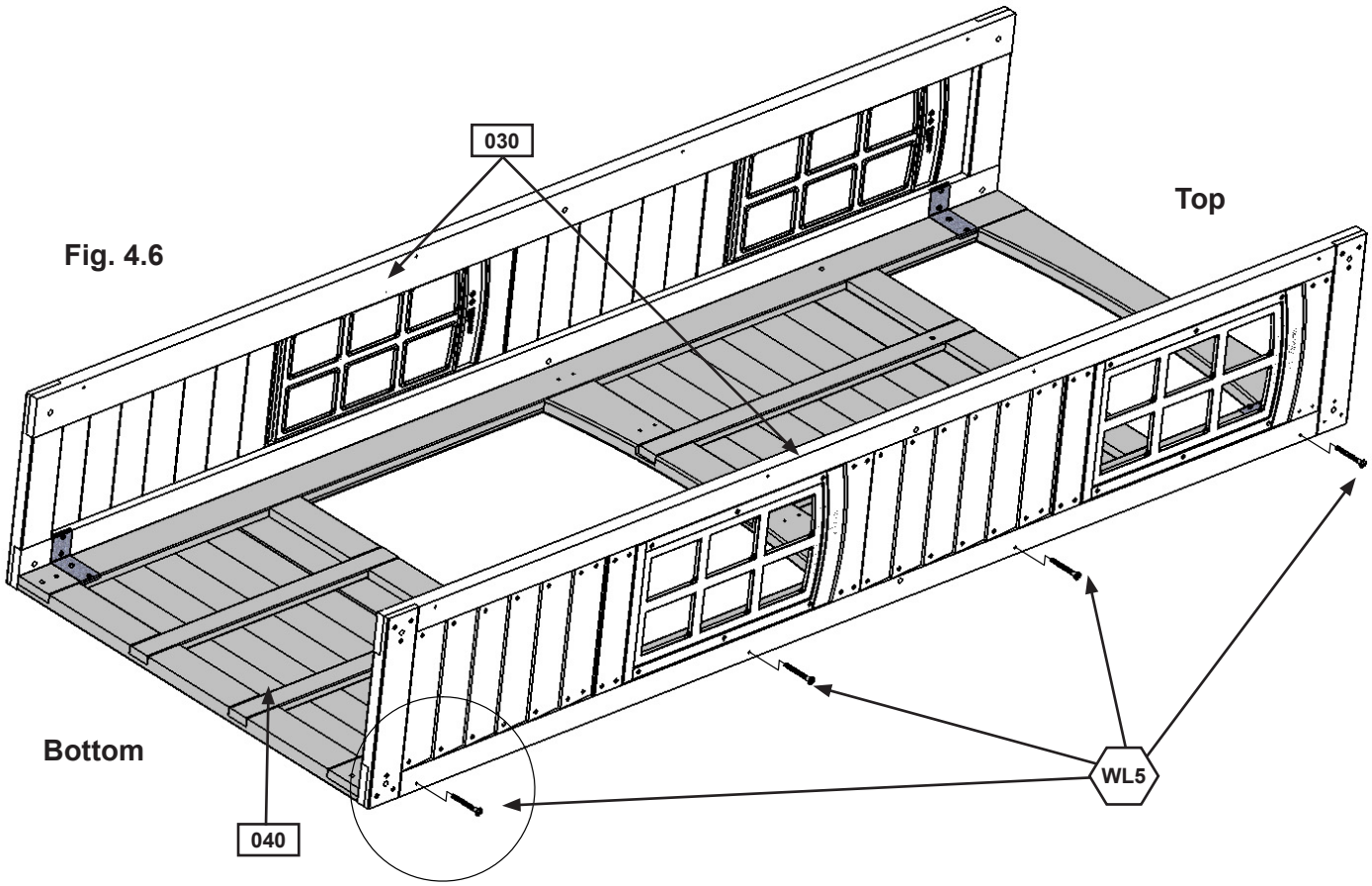
Hardware

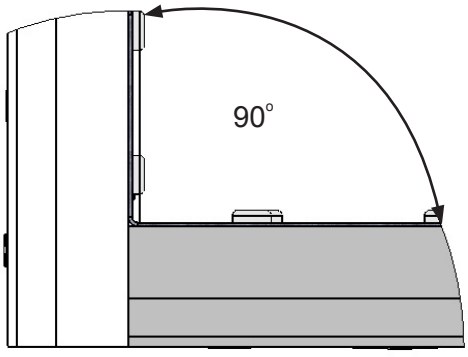
8 x (S8) **#12 x 3/4" Pan Screw**

Step 4: Swing Side Wall Panel Assembly Part 3

G: Pre-drill with a 3/16” drill bit, then fasten the (030) Narrow Window Panels to the (040) SW Side Panel with 4 (WL5) 1/4 x 2-1/2” Wafer Lags per (030) Narrow Window Panel. (fig. 4.6 and 4.7)

Fig. 4.6





Example of Angle

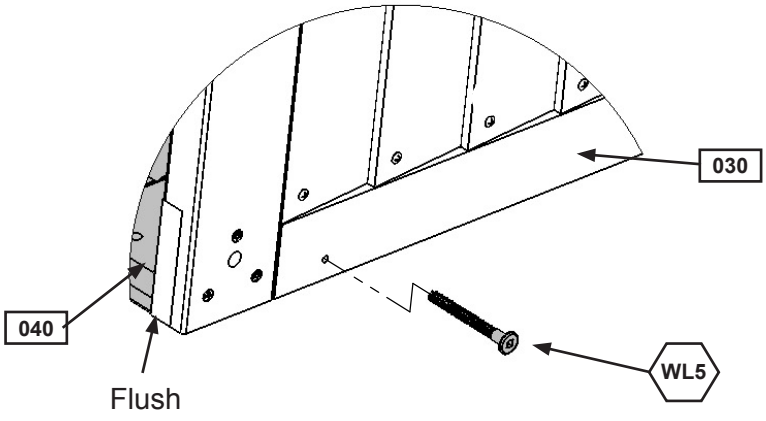


Fig. 4.7

Hardware

8 x WL5 1/4 x 2-1/2” Wafer Lag

Step 4: Swing Side Wall Panel Assembly Part 4

H: Install 6 - 5/16” t-nuts in 1 (041) Wall Tie and both (042) Long Wall Ties as shown in fig. 4.8 and 4.9.

I: Install 4 - 5/16” t-nuts in the other (041) Wall Tie and both (044) Joist Sides as shown in fig. 4.10 and 4.11.

Fig. 4.8

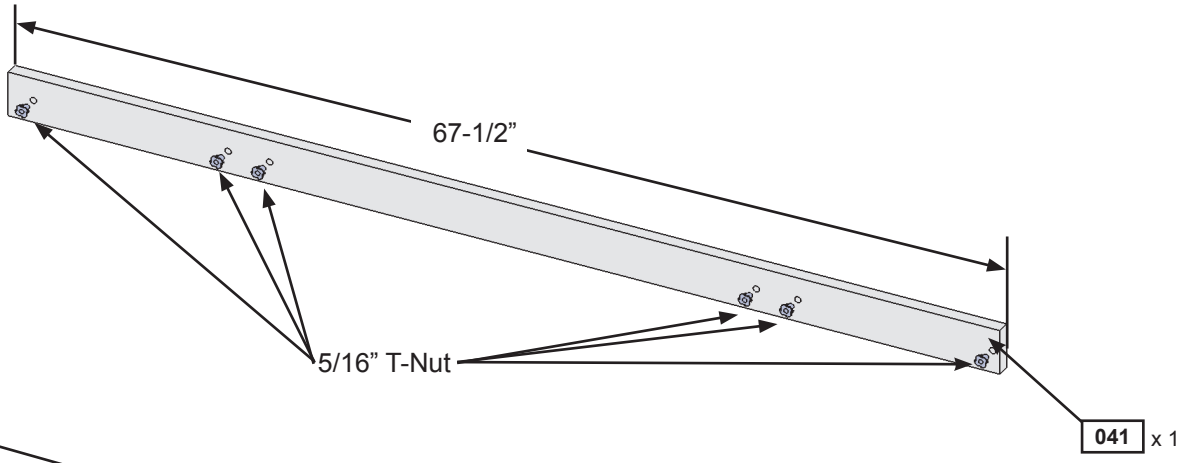
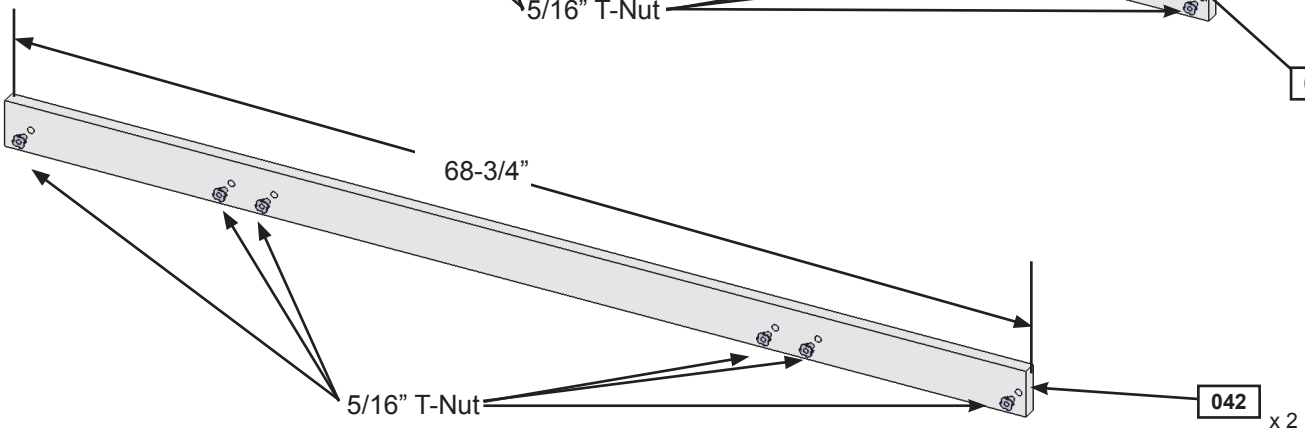


Fig. 4.9



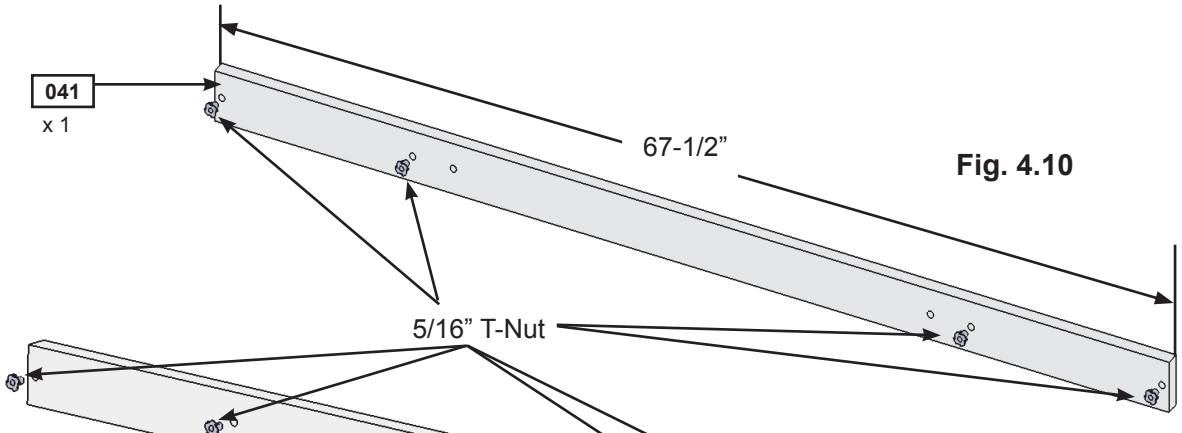


Fig. 4.10

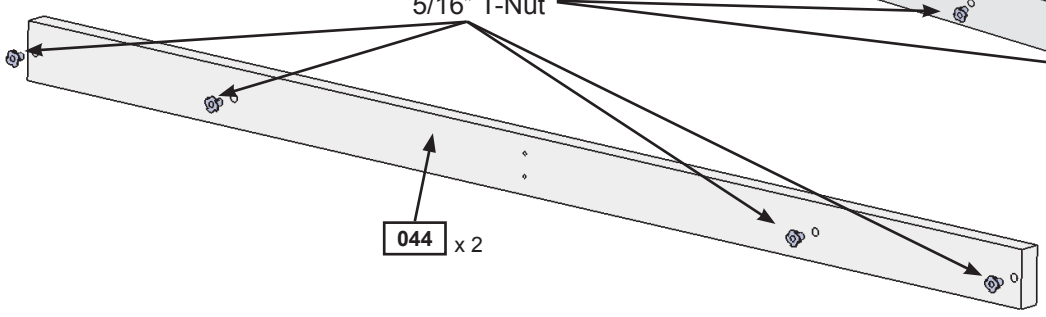


Fig. 4.11

Wood Parts

- **2 x 041 Wall Tie 5/4 x 4 x 67-1/2”**
- **2 x 042 Long Wall Tie 5/4 x 4 x 68-3/4”**
- **2 x 044 Joist Side 2 x 4 x 67-1/2”**

Hardware

30 x 5/16 T-Nuts

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Step 4: Swing Side Wall Panel Assembly Part 5

J: Starting at the bottom of the Swing Side Wall Panel Assembly, loosely attach both (041) Wall Ties to (030) Narrow Window Panels, making sure the t-nuts are facing inward (fig. 4.13), with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer) per board, as shown in fig. 4.12 and 4.14.

K: Loosely attach both (044) Joist Sides to the (030) Narrow Window Panels with 2 (WB8) 5/16 x 2-3/8" Wafer Bolts (with flat washer) per board, as shown in fig. 4.12.

L: Loosely attach both (042) Long Wall Ties to the tops of (030) Narrow Window Panels, with t-nuts facing inwards, using 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer) per board, as shown in fig. 14.12.

Fig. 4.13

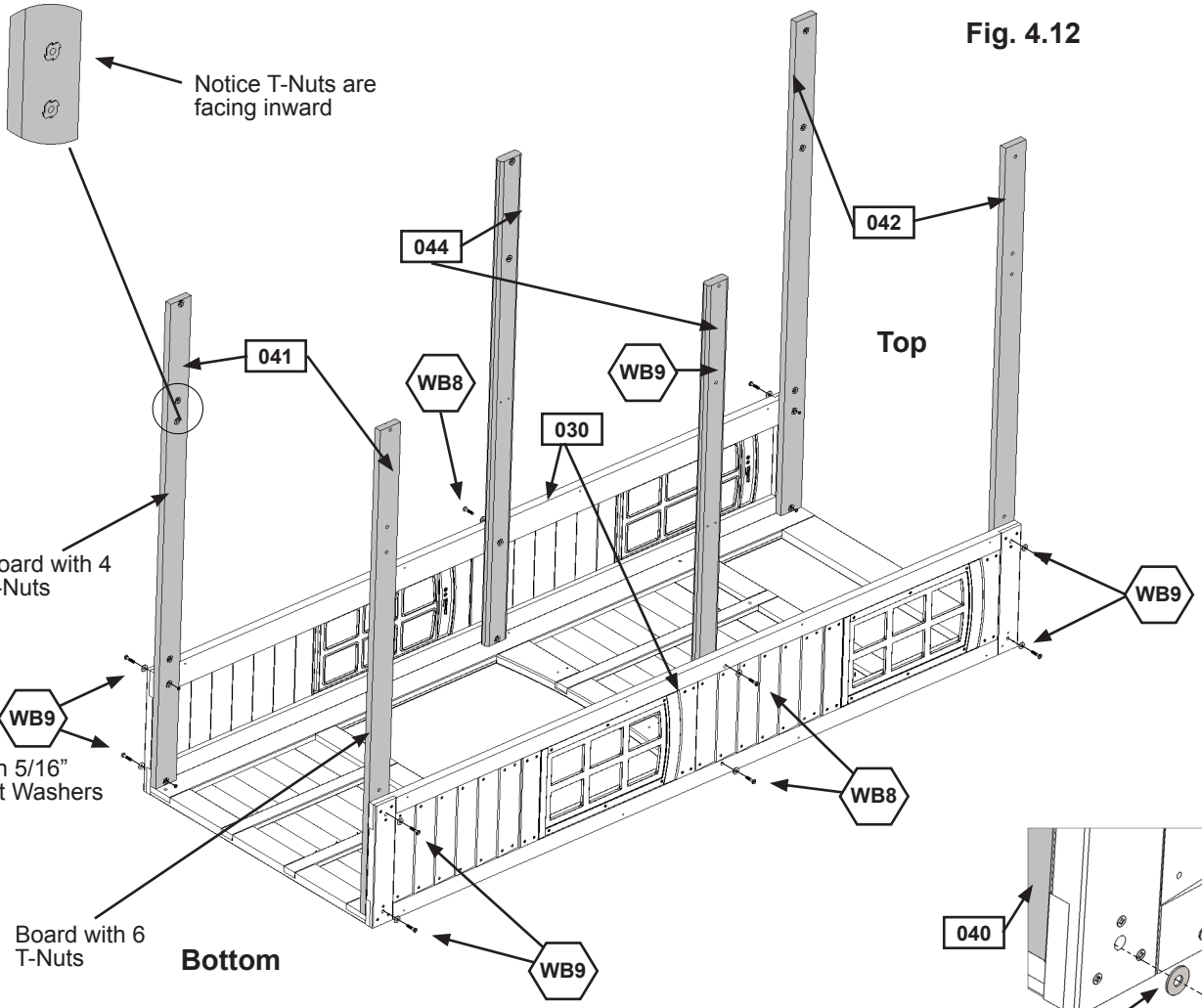
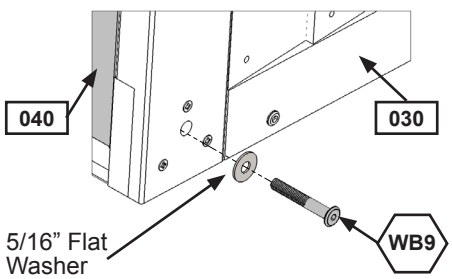


Fig. 4.12

Fig. 4.14



Hardware

4 x WB8 5/16 x 2-3/8" Wafer Bolt (5/16" flat washer)

8 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

Step 5: Join Slide Wall and Swing Wall Assemblies Part 1

A: With at least two helpers lift the Slide Wall Assembly, as shown in fig. 5.1 and 5.2.

B: With at least two helpers lift the Swing Wall Assembly so it faces the Slide Wall Assembly and slide both assemblies together so the (042) Long Wall Ties are flush to the ends of the (030) Narrow Window Panels of the Slide Wall Side, as shown in fig. 5.3, 5.4 and 5.5.

Fig. 5.2
Slide Wall Assembly

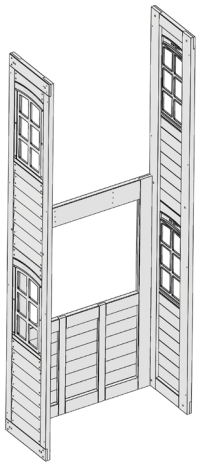
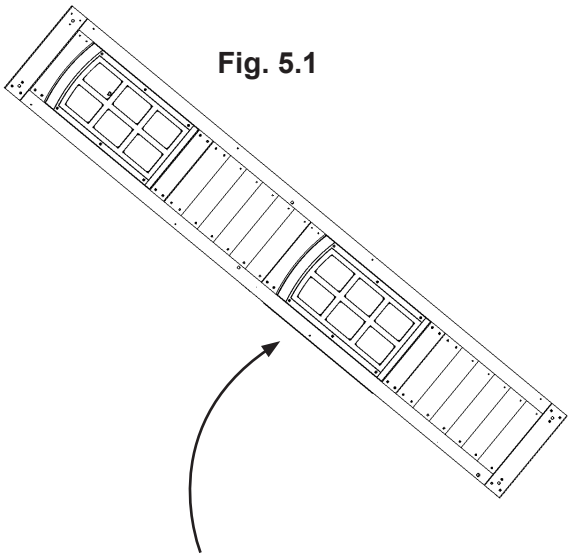


Fig. 5.1



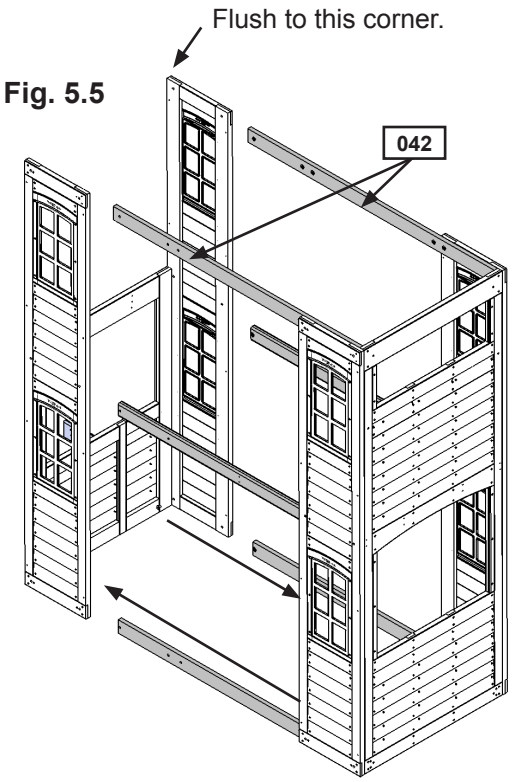


Fig. 5.5

Fig. 5.4

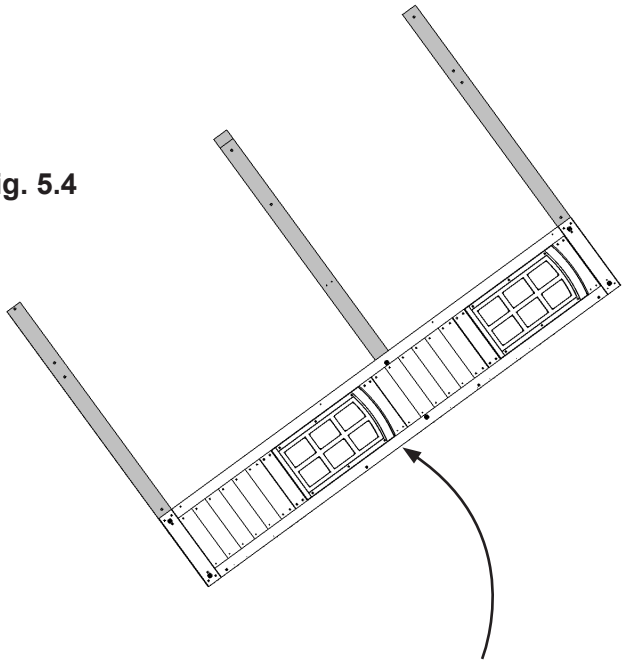
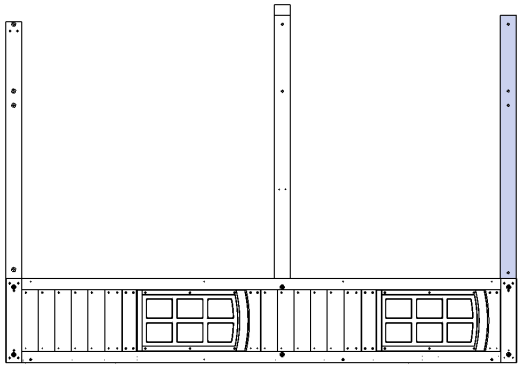


Fig. 5.3
Swing Wall Assembly



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Step 5: Join Slide Wall and Swing Wall Assemblies Part 2

C: Loosely attach (050) SL Bottom to the side of the Slide Wall Assembly as indicated below to (030) Narrow Window Panel and (041) Wall Tie with 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer) and 1 (S15) #8 x 1-3/4" Wood Screw, as shown in fig. 5.6, 5.7, 5.8 and 5.9.

Fig. 5.8

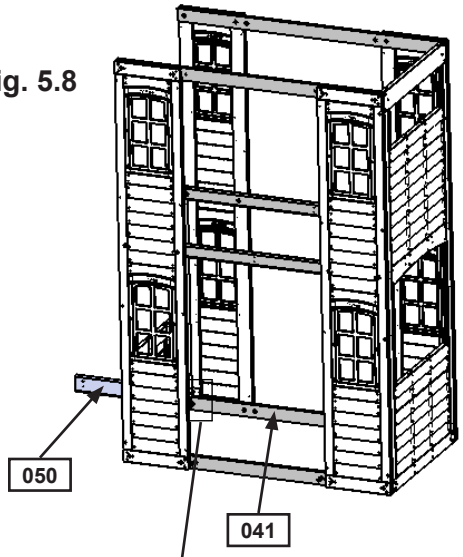
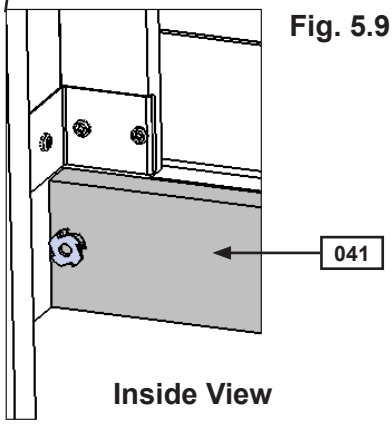
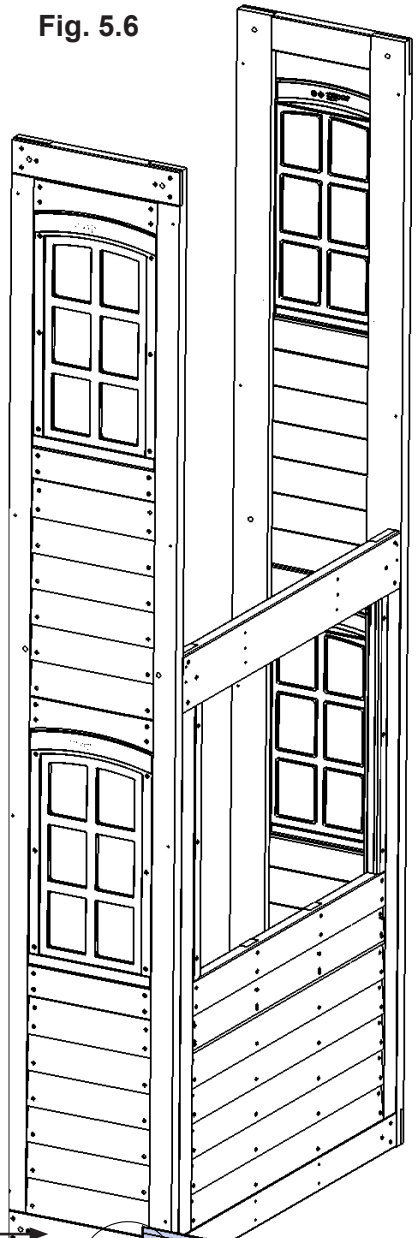


Fig. 5.9



Inside View

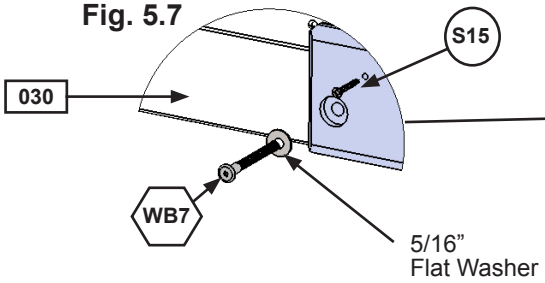
Fig. 5.6



Back View

Notice bolt hole towards top.

Fig. 5.7



Wood Parts

1 x 050 **SL Bottom 5/4 x 5 x 32-3/8"**

Hardware

1 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer)**

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

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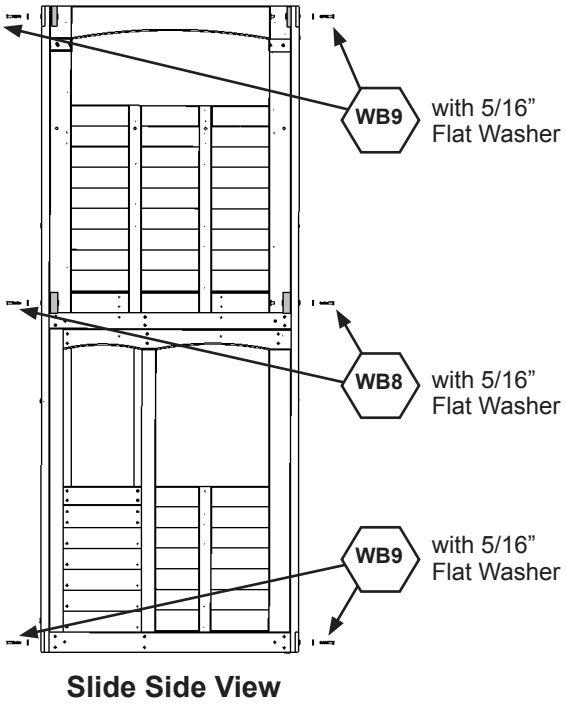
Step 5: Join Slide Wall and Swing Wall Assemblies Part 3

D: Loosely attach both (041) Wall Ties with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer) per board on the front side and 1 (WB9) 5/16 x 2-1/8" Wafer Bolt (with flat washer) on the Back side to (030) Narrow Window Panel, as shown in fig. 5.10, 5.11 and 5.12.

E: Loosely attach both (042) Long Wall Ties to (030) Narrow Window Panels with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer) per board, as shown in fig. 5.10 and 5.11.

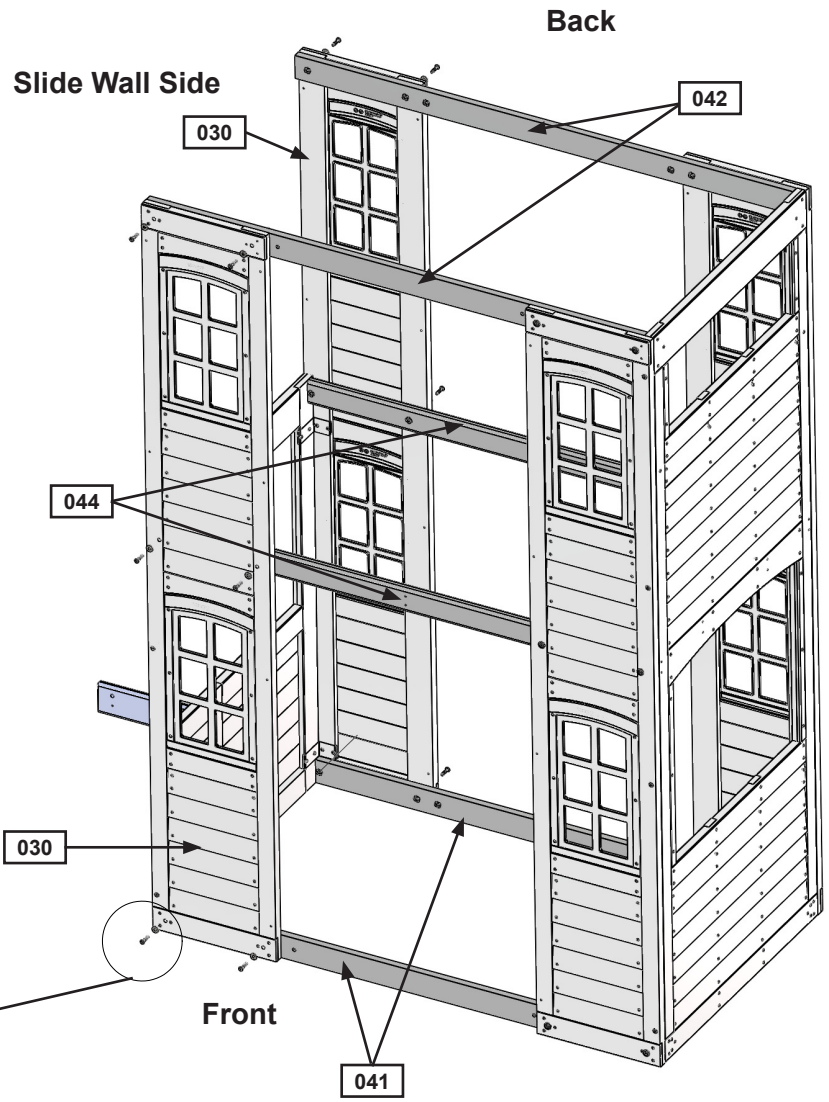
F: Loosely attach both (044) Joist Sides to (030) Narrow Window Panels with 2 (WB8) 5/16 x 2-3/8" Wafer Bolts (with flat washer) per board, as shown in fig. 5.10 and 5.11.

Fig. 5.11



Slide Side View

Fig. 5.10



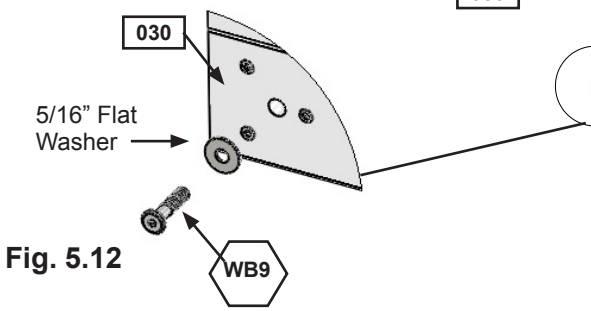


Fig. 5.12

Hardware

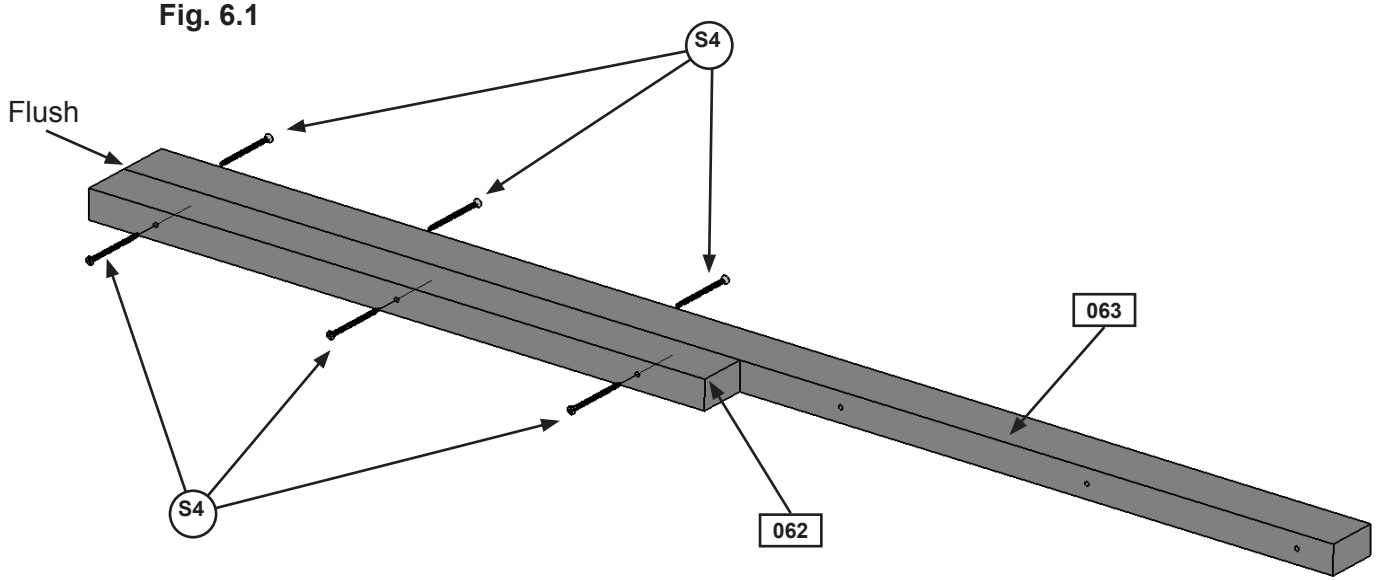
7 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

4 x WB8 5/16 x 2-3/8" Wafer Bolt (5/16" flat washer)

Step 6: Door Wall Assembly
Part 1

A: Place (062) Chalkwall Side on (063) Door Side with 1 end flush to each other and the top faces flush, as shown in fig. 6.1. Attach with 6 (S4) #8 x 3" Wood Screws, 3 per side.

Fig. 6.1



Wood Parts

1 x 063 **Door Side 1-1/4 x 2-1/4 x 54"**

1 x 062 **Chalkwall Side 1-1/4 x 2-5/16 x 27-1/2"**

Hardware

6 x S4 **#8 x 3" Wood Screw**

Step 6: Door Wall Assembly
Part 2

B: Place (064) Chalkwall Panel tight against (030) Narrow Window Panel on the right side and flush to the bottom of (041) Wall Tie. Loosely attach (064) Chalkwall Panel to (041) Wall Tie with 1 (WB9) 5/16 x 2-1/8" Wafer Bolt (with 5/16" flat washer - t-nuts previously installed). (fig. 6.2, 6.3 and 6.4).

C: Tight to the top of (064) Chalkwall Panel attach 1 (062) Chalkwall Side to (030) Narrow Window Panel with 3 (S4) #8 x 3" Wood Screws. (fig. 6.3)

Fig. 6.2

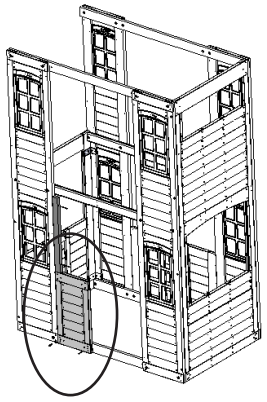


Fig. 6.3

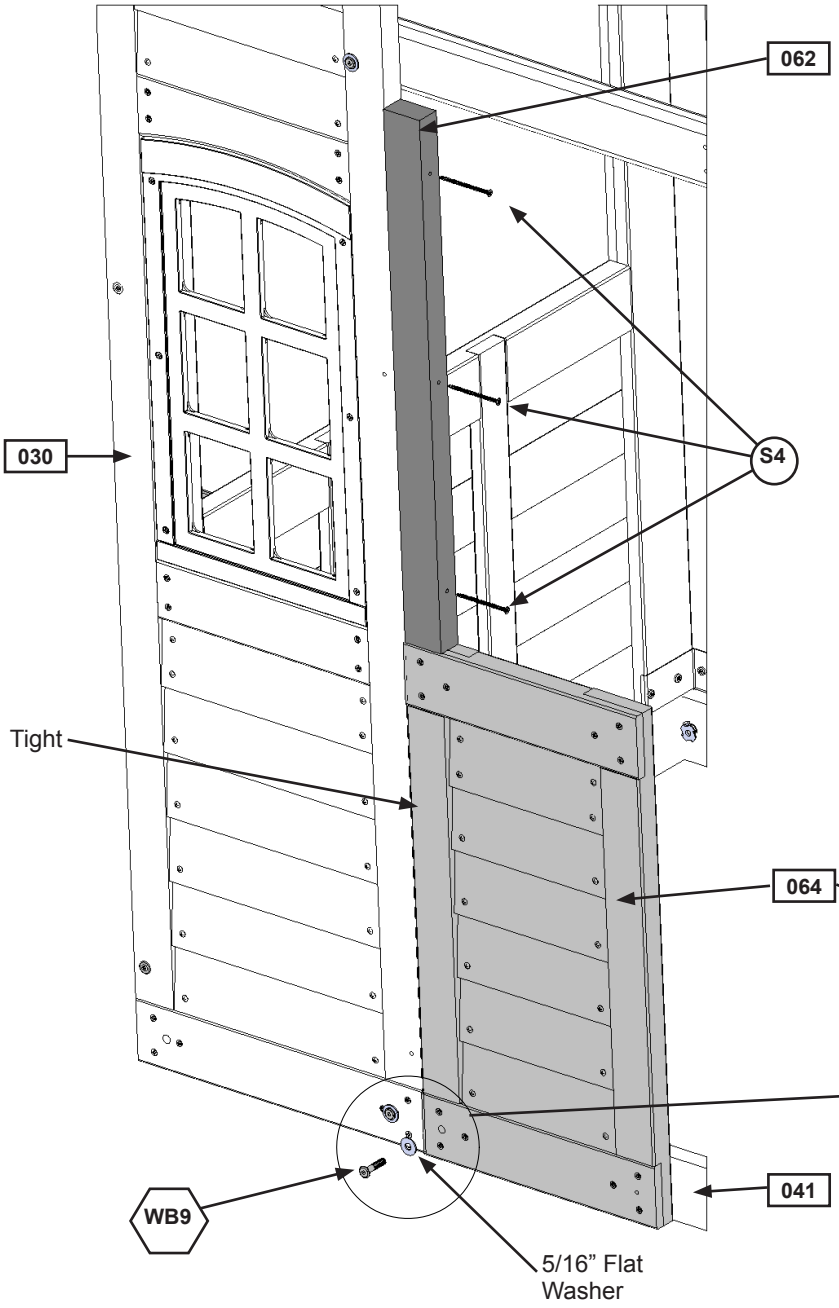
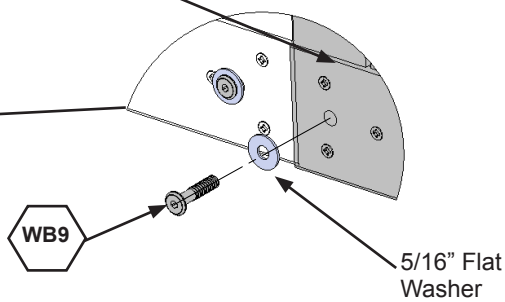


Fig. 6.4



Wood Parts

1 x 062 **Chalkwall Side 1-1/4 x 2-5/16 x 27-1/2"**
1 x 064 **Chalkwall Panel 1-1/4 x 13-3/4 x 26-7/16"**

Hardware

1 x WB9 **5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)**
3 x S4 **#8 x 3" Wood Screw**

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Step 6: Door Wall Assembly
Part 3

D: Place the assembly from Step 6, Part 1 tight to (064) Chalkwall Panel so (062) Chalkwall Side sits tight on top of (064) Chalkwall Panel, then attach with 3 (S4) #8 x 3” Wood Screws, as shown in fig. 6.5.

E: Tight to (030) Narrow Window Panel on the left side and flush to the bottom of (041) Wall Tie, attach (063) Door Side to (030) Narrow Window Panel with 6 (S4) #8 x 3” Wood Screws. (fig. 6.6 and 6.7)

F: Between both (063) Door Sides attach (065) Door Bottom to (041) Wall Tie with 4 (S15) #8 x 1-3/4” Wood Screws (fig. 6.7)

Fig. 6.5

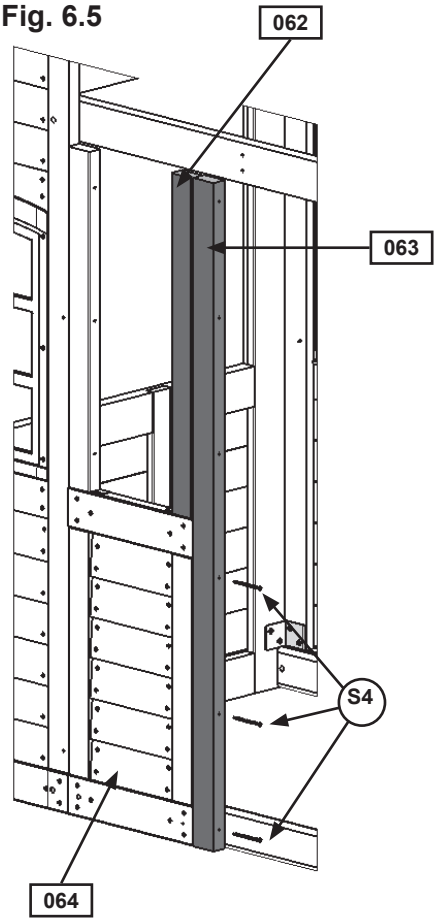


Fig. 6.6

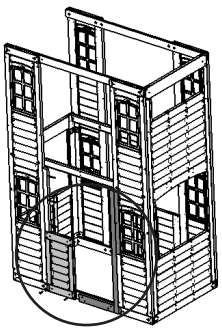
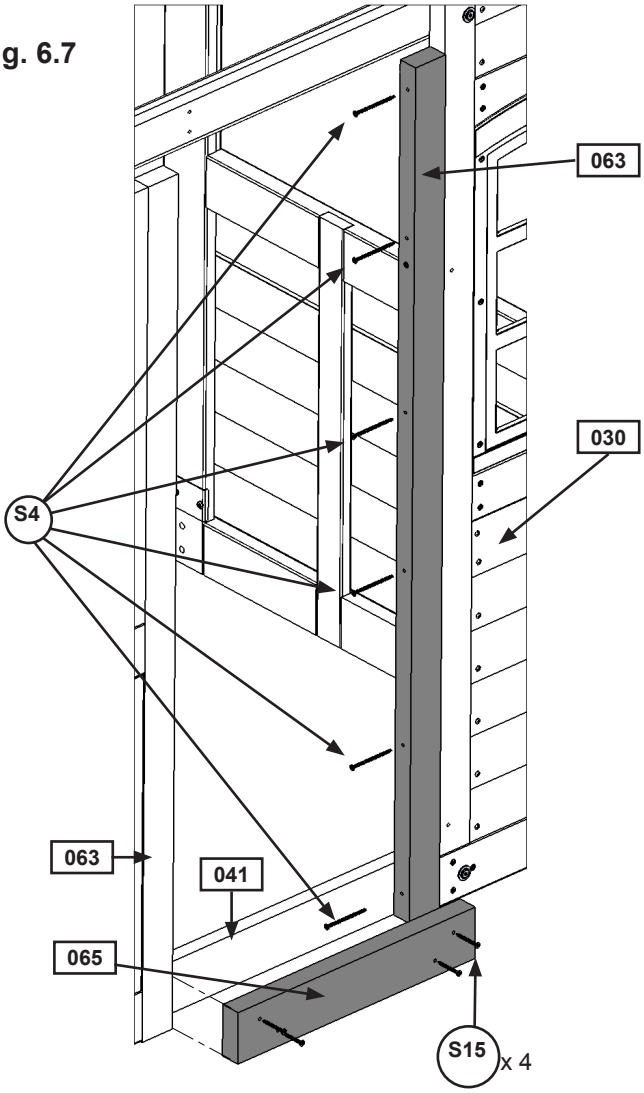


Fig. 6.7



Wood Parts

1 x 063 **Door Side 1-1/4 x 2-1/4 x 54”**

1 x 065 **Door Bottom 1-1/4 x 3-1/4 x 17-3/4”**

Hardware

4 x S15 **#8 x 1-3/4” Wood Screw**

9 x S4 **#8 x 3” Wood Screw**

Step 6: Door Wall Assembly
Part 4

G: At the top of the assembly place (061) Transom Panel Front between Swing and Slide Wall Assemblies so the bolt holes are at the bottom of the panel. Loosely attach to (042) Long Wall Tie with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed). (fig. 6.8, 6.9 and 6.10).

Fig. 6.9

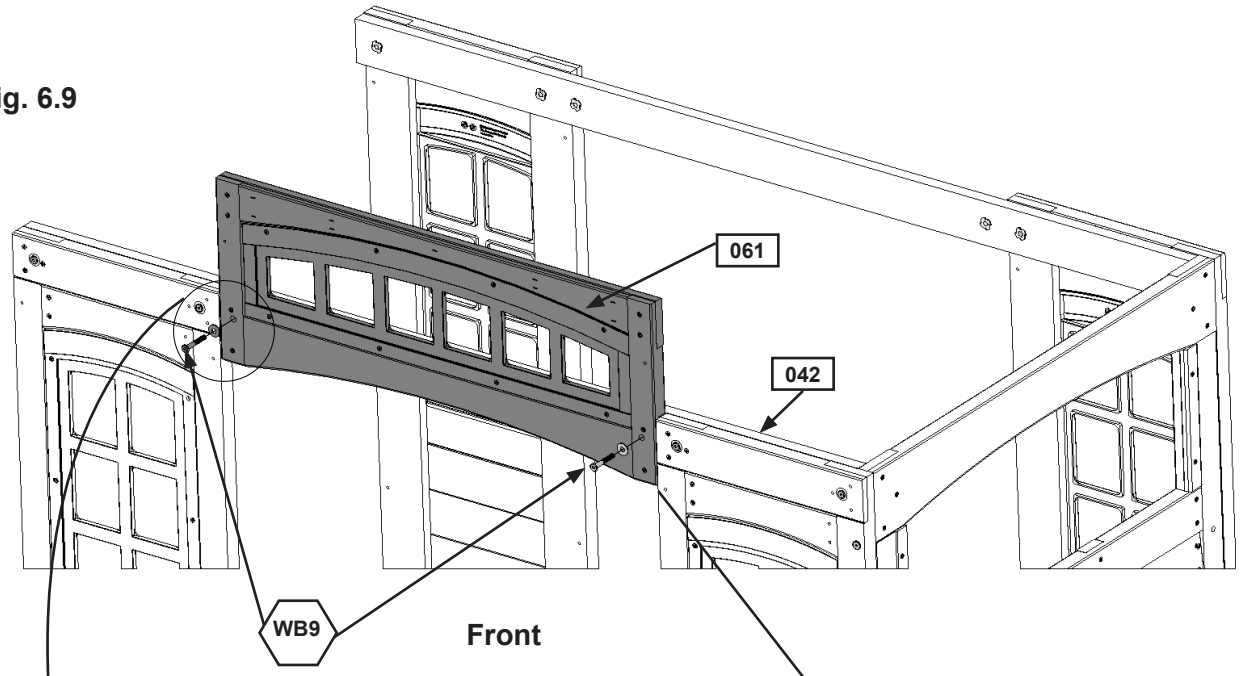


Fig. 6.8

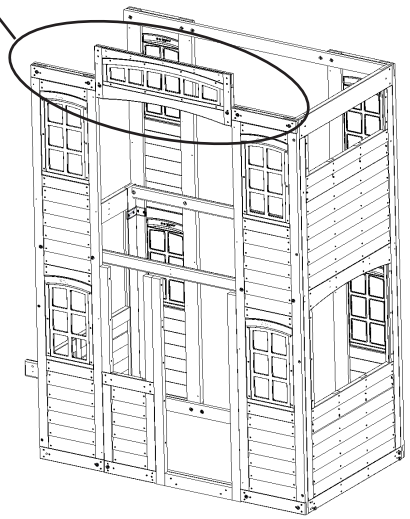
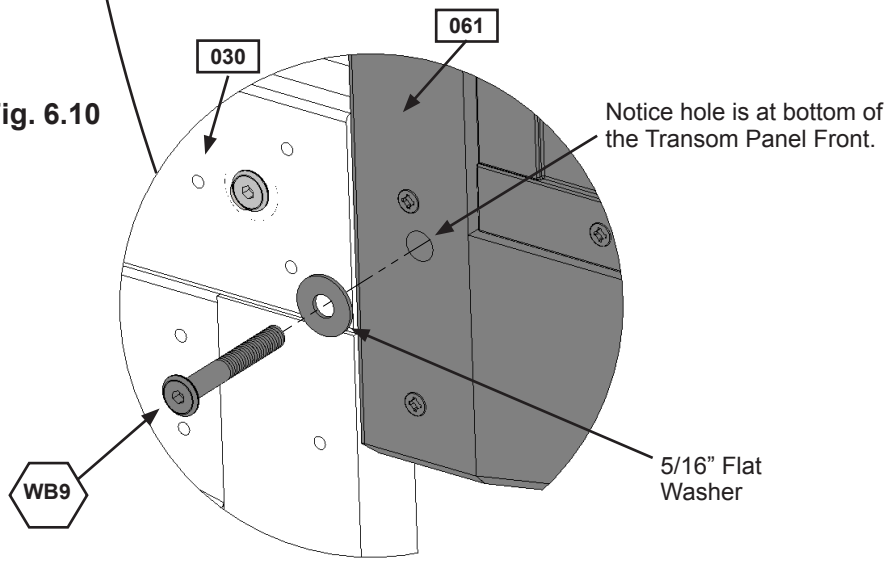


Fig. 6.10



Wood Parts

1 x 061 Transom Panel Front 1-1/4 x 13-1/2 x 35-7/8"

Hardware

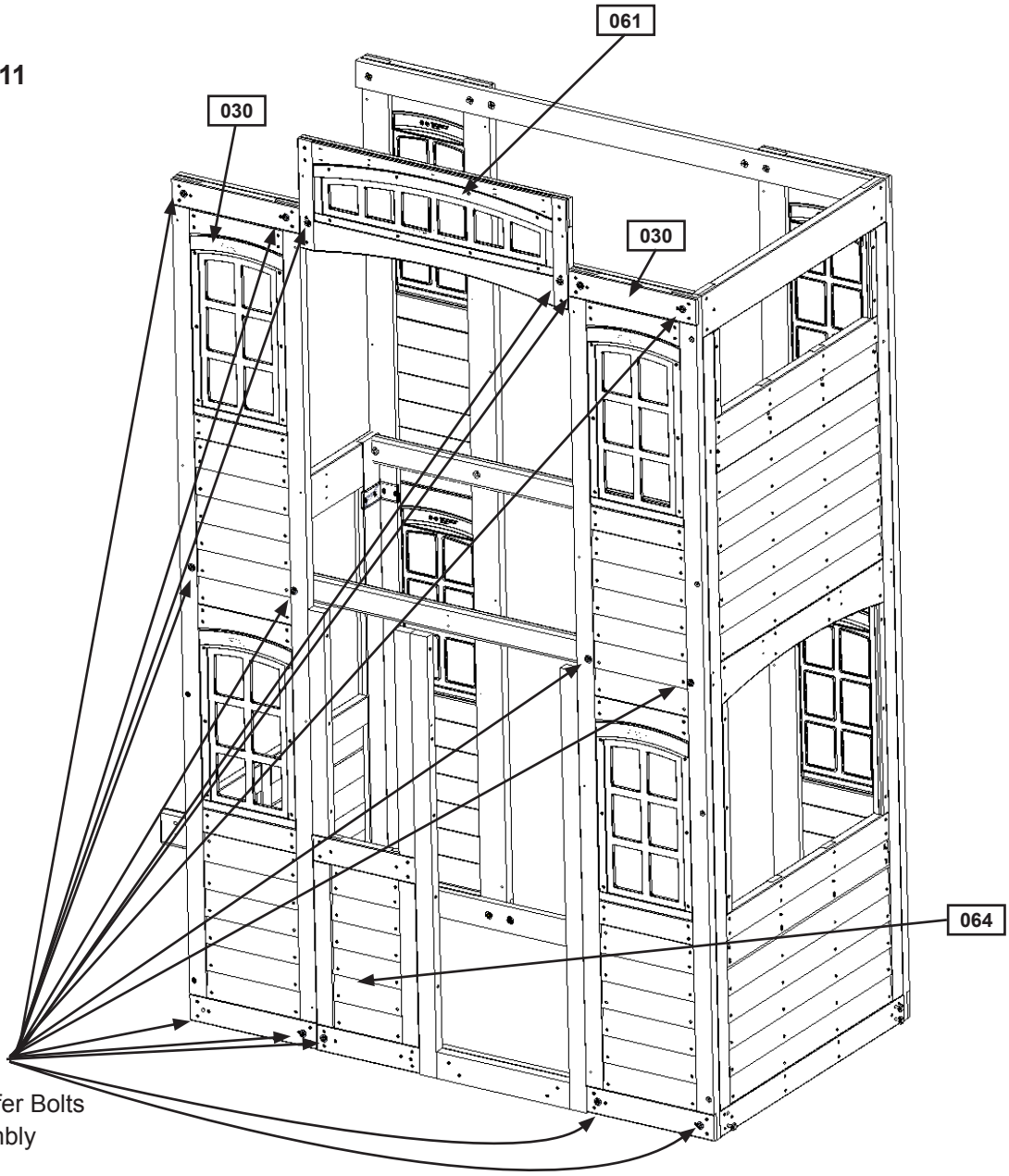
2 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

Step 6: Door Wall Assembly
Part 5

H: Make sure the assembly is on level ground and that the (030) Narrow Window Panels are square and tight to (064) Chalkwall Panel and (061) Transom Panel Front.

I: Tighten all 15 Wafer Bolts on the front side as shown in fig. 6.11.

Fig. 6.11



Tighten all Wafer Bolts
of Front Assembly

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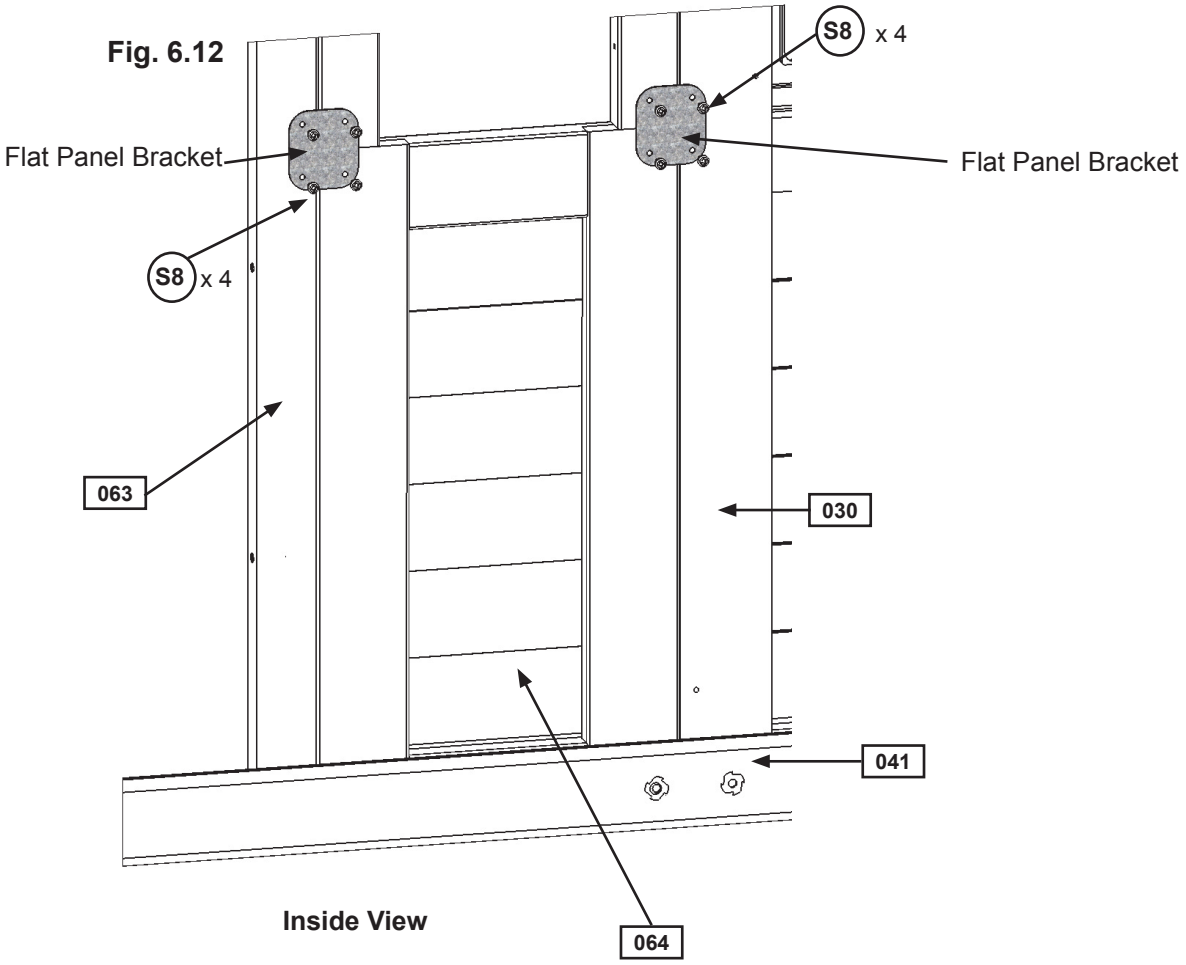
Step 6: Door Wall Assembly
Part 6

J: On the inside of the assembly attach (064) Chalkwall Panel to (030) Narrow Window Panel and (063) Door Side using 2 Flat Panel Brackets with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 6.12)

K: On the outside of the assembly attach (064) Chalkwall Panel to (041) Wall Tie with 1 (S15) #8 x 1-3/4" Wood Screw as shown in fig. 6.13 and 6.14.

Fig. 6.12



Inside View

Fig. 6.13

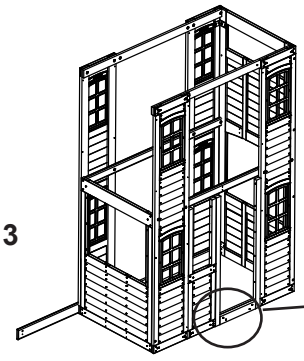
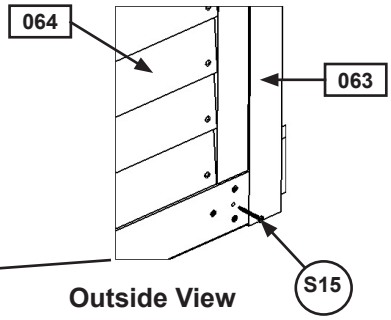


Fig. 6.14



Outside View

Hardware

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

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

Other Parts

2 x Flat Panel Bracket

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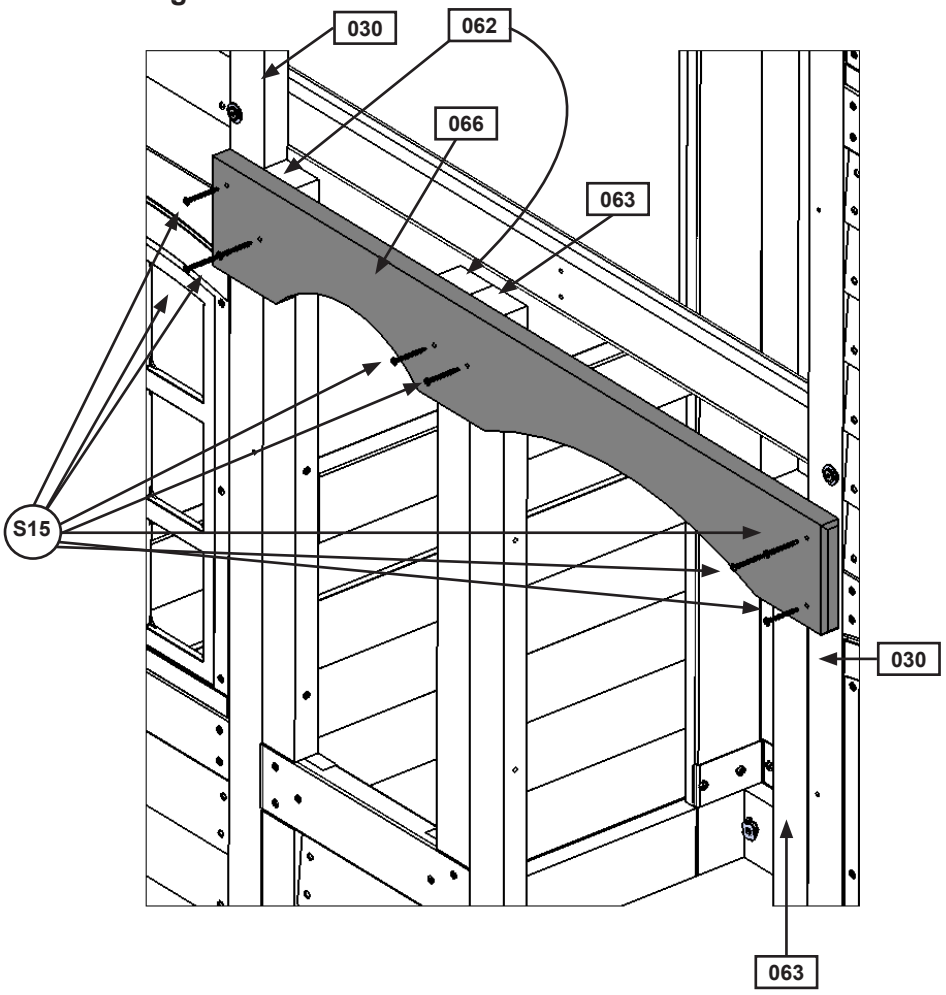
Step 6: Door Wall Assembly
Part 7

L: Flush to the tops of each (062) Chalkwall Side and (063) Door Side and flush to (030) Narrow Window Panel edges, attach (066) Arch Top with 8 (S15) #8 x 1-3/4" Wood Screws, using the pilot holes as guides. (fig. 6.15)

Note: Make sure (066) Arch Top is level.

Fig. 6.15



Wood Parts

1 x 066 Arch Top 5/4 x 6 x 40-1/2"

Hardware

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

Step 6: Door Wall Assembly
Part 8

M: In the notched out opening of (142) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1” Wood Screws. (fig. 6.16) **Important: Use a hand held screw driver and DO NOT over tighten.**

N: In the opening for the door between both (063) Door Sides, measure 5/8” from the top of (065) Door Bottom and 5/8” from (063) Door Side next to (030) Narrow Window Panel and attach (019) Door Bottom Half Panel to (063) Door Side using 3 (S13) #6 x 5/8” Pan Screws in each Hinge, as shown in fig. 6.17

O: On the inside of the assembly, attach (142) Door Stop to (063) Door Side with 3 (S15) #8 x 1-3/4” Wood Screws, making sure (142) Door Stop overhangs (063) Door Side by 1” and is in position to receive the Catch Plate. (fig. 6.18 and 6.19).

Fig. 6.16

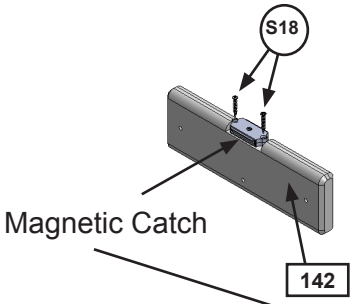


Fig. 6.19

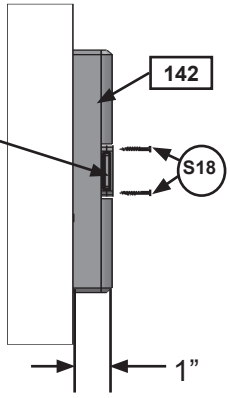
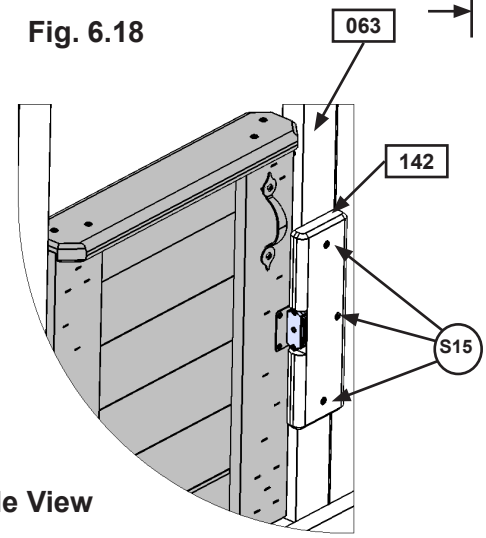
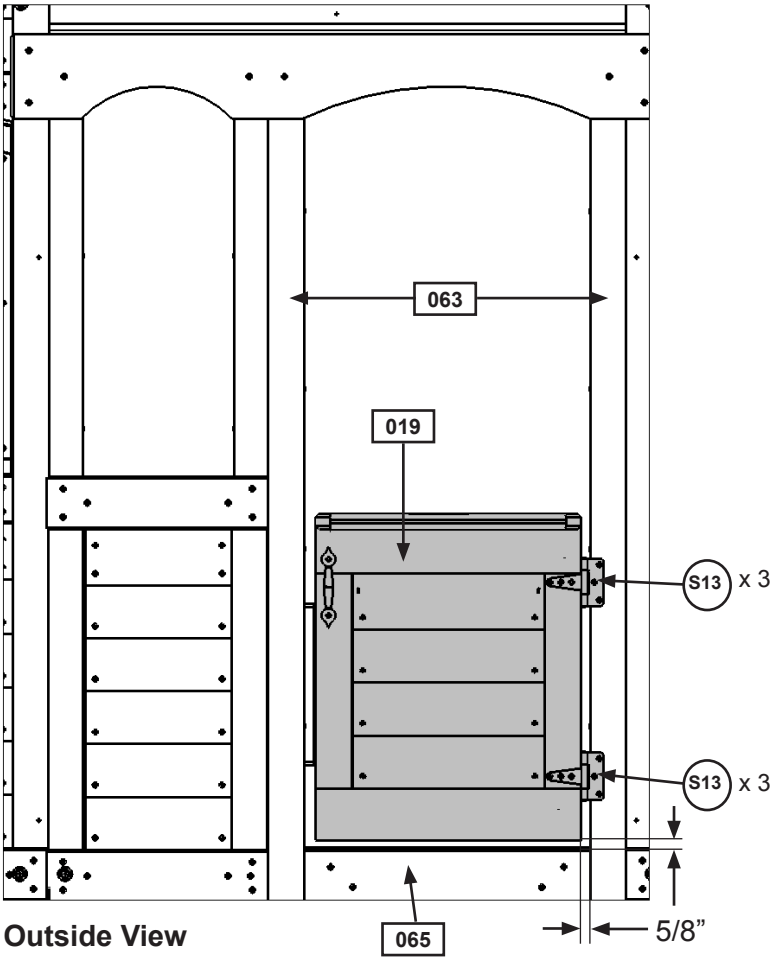


Fig. 6.18



Inside View

Fig. 6.17



Outside View

Wood Parts

1 x 142 **Door Stop 5/4 x 4 x 10”**

Hardware

2 x S18 **#6 x 1” Wood Screw**

3 x S15 **#8 x 1-3/4” Wood Screw**

6 x S13 **#6 x 5/8” Pan Screw**

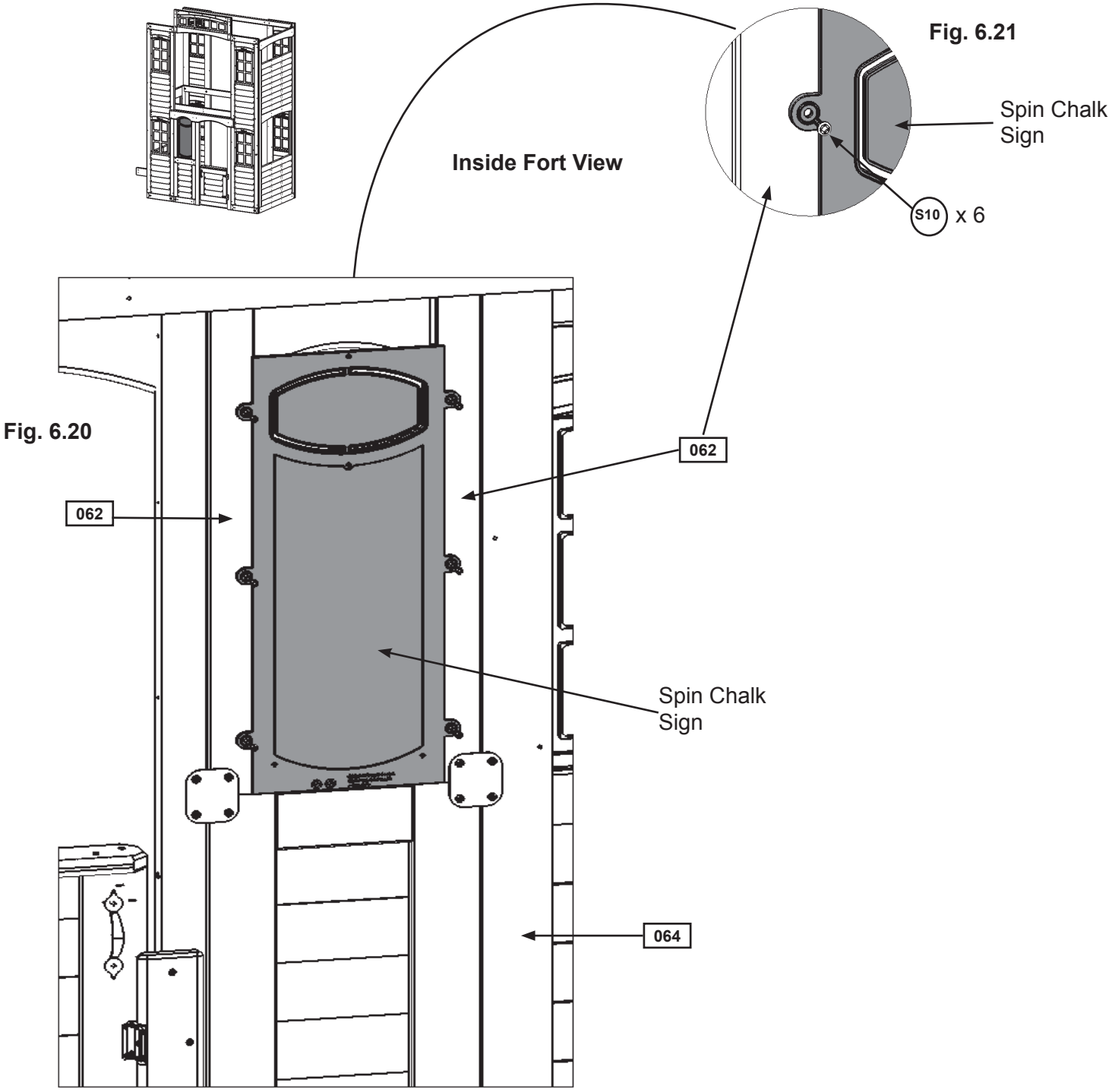
Other Parts

1 x Magnetic Catch

Step 6: Door Wall Assembly
Part 9

P: From inside the assembly place the Spin Chalk Sign in the opening between both (062) Chalkwall Sides so it sits tight to the top of (064) Chalkwall Panel. (fig. 6.20)

Q: Attach Spin Chalk Sign to both (062) Chalkwall Sides with 6 (S10) #8 x 1" Pan Screws. (fig. 6.21)



Hardware	Other Parts
6 x S10 #8 x 1" Pan Screw	1 x Spin Chalk Sign

Step 7: Back Wall Assembly
Part 1

A: At the top of the assembly place (070) Transom Panel Back between Swing and Slide Wall Assemblies so the bolt holes are at the top of the panel. Loosely attach to (042) Long Wall Tie with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed). (fig. 7.1, 7.2 and 7.3).

Fig. 7.2

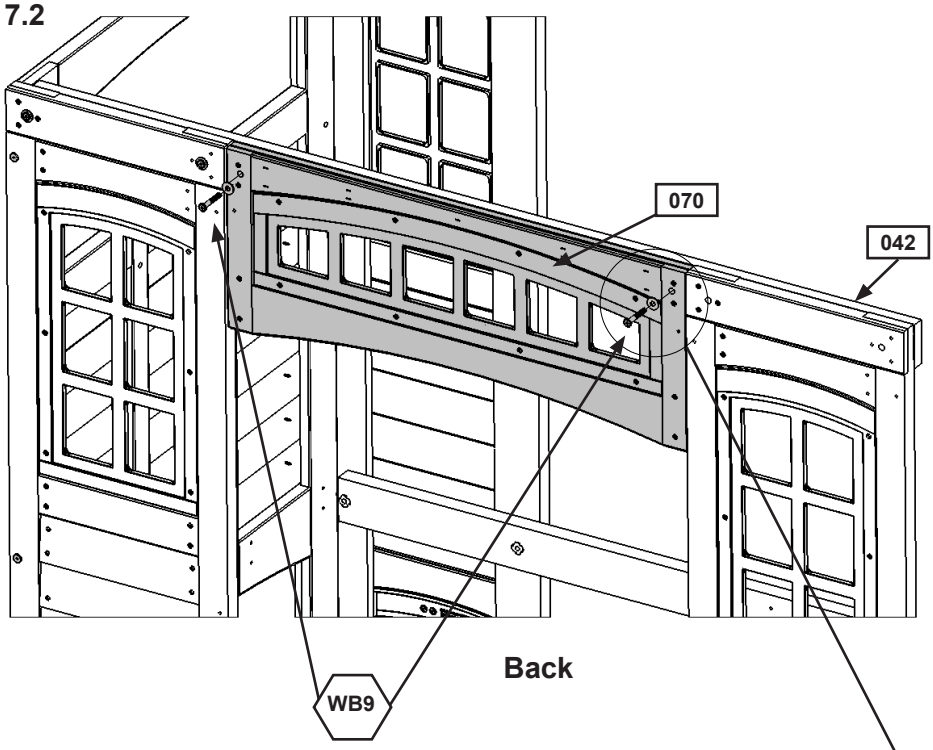


Fig. 7.1

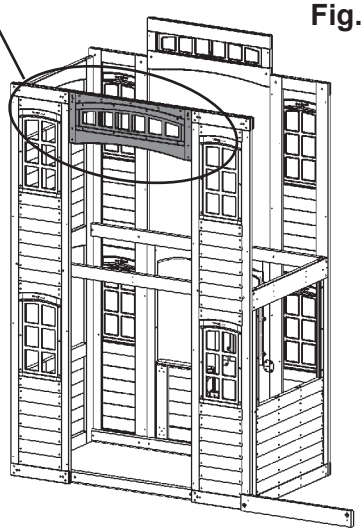
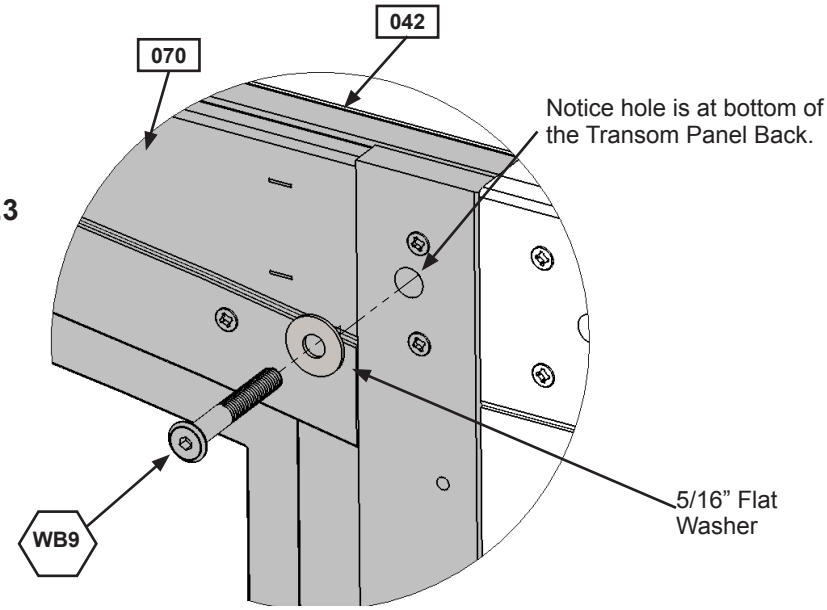


Fig. 7.3



Wood Parts

1 x 070 **Transom Panel Back 1-1/4 x 13-1/2 x 35-7/8"**

Hardware

2 x WB9 **5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)**

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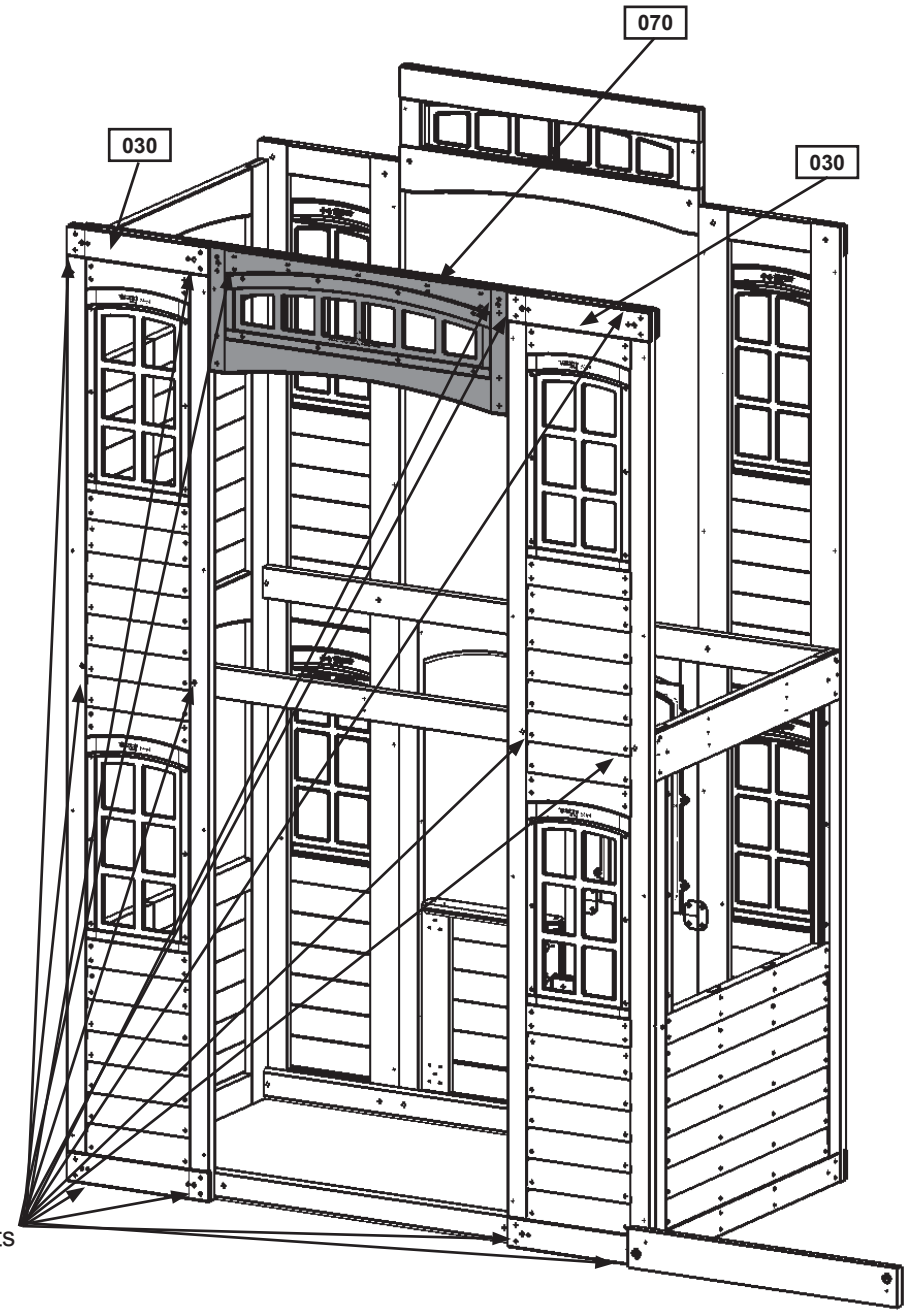
Step 7: Back Wall Assembly Part 2

B: Make sure the (030) Narrow Window Panels are square and tight to (070) Transom Panel Back.

C: Tighten all 14 Wafer Bolts on the back side as shown in fig. 7.4.

Fig. 7.4

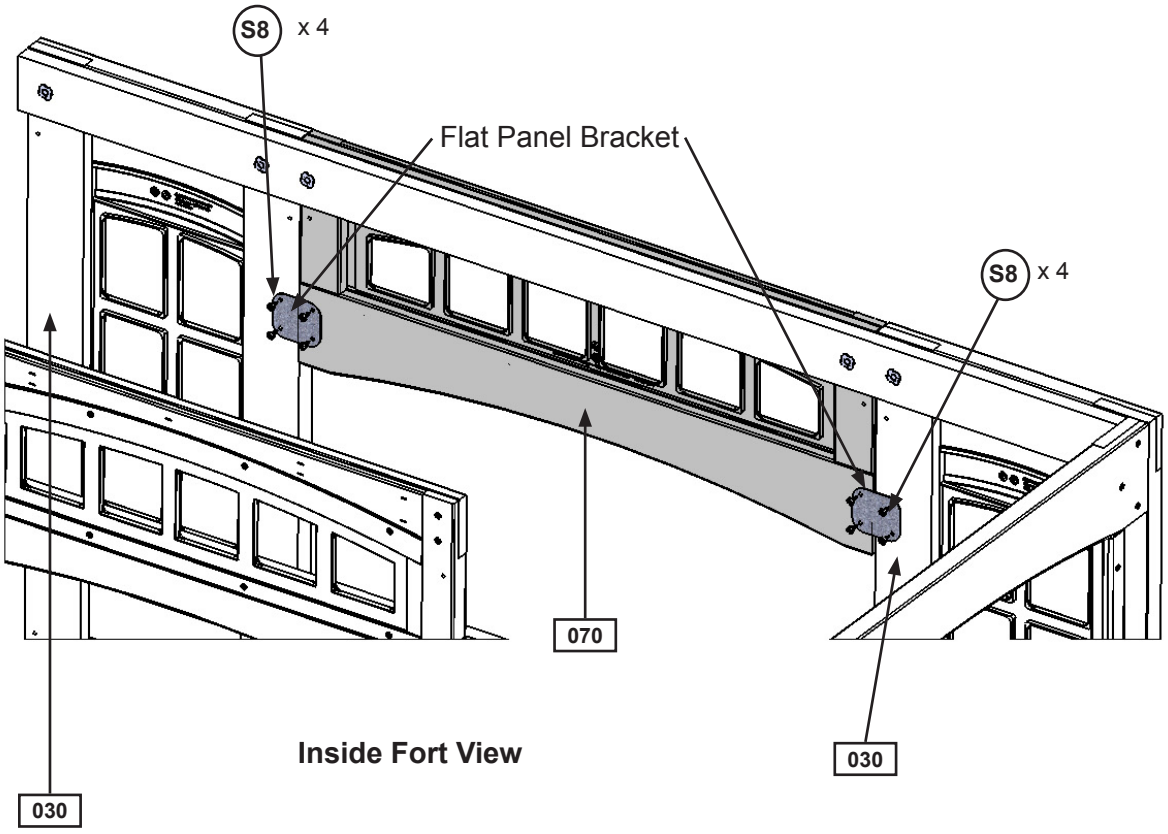


Tighten all Wafer Bolts of Back Assembly

Step 7: Back Wall Assembly
Part 3

D: On the inside of the assembly attach (070) Transom Panel Back to each (030) Narrow Window Panel using 2 Flat Panel Brackets with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 7.5)

Fig. 7.5



Inside Fort View

Hardware

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

Other Parts

2 x Flat Panel Brackets

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Step 8: Slidenest Assembly Part 1

A: Place (080) Slidenest Joist flat on level ground. Using 2 (S20) #8 x 1-3/8" Wood Screws per side attach 1 (081) Crowsnest Post to each side of the joist so the angled edges of the joist are tight to each post. (fig. 8.1 and 8.2)

Note: The distance between posts should be 25-3/4" (fig. 8.1)

Note: Do no allow more than a 1mm gap between (080) Slidenest Joist and (081) Crowsnest Post. (fig. 8.2)

Fig. 8.2

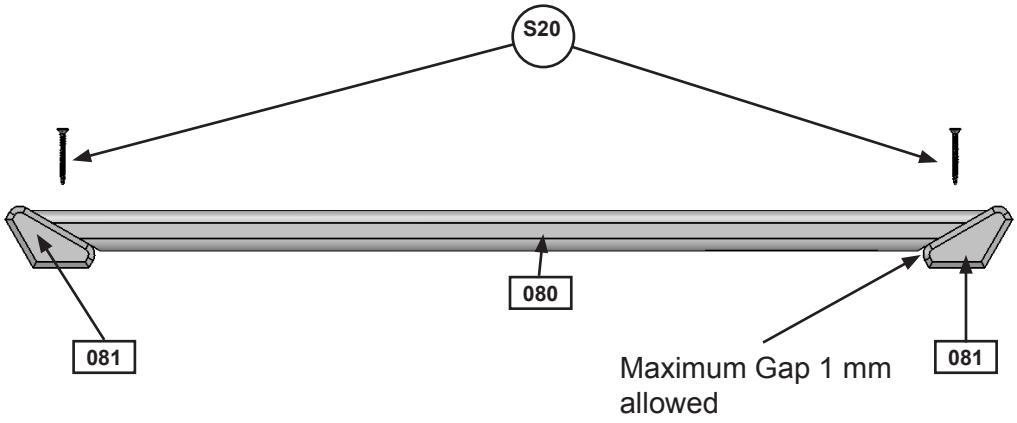
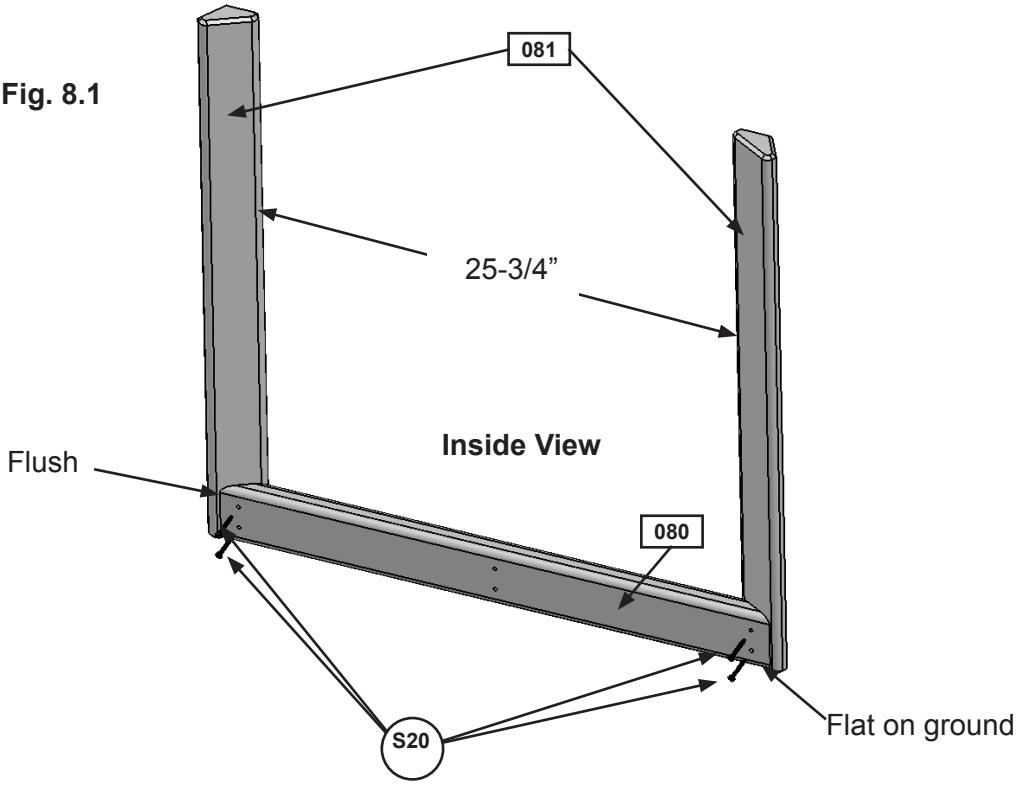


Fig. 8.1



Wood Parts

2 x 081 Crowsnest Post 1-1/2 x 3 x 31-7/8"
1 x 080 Slidenest Joist 2 x 4 x 29-3/4"

Hardware

4 x S20 #8 x 1-3/8" Wood Screw

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Step 8: Slidenest Assembly Part 2

B: Attach (082) Slidenest Assembly Right and (083) Slidenest Assembly Left to each (081) Crowsnest Post using 2 (S15) #8 x 1-3/4" Wood Screws per side. Make sure the staples are towards the bottom of the assembly (fig. 8.3 and 8.4)

Top View

Fig. 8.4

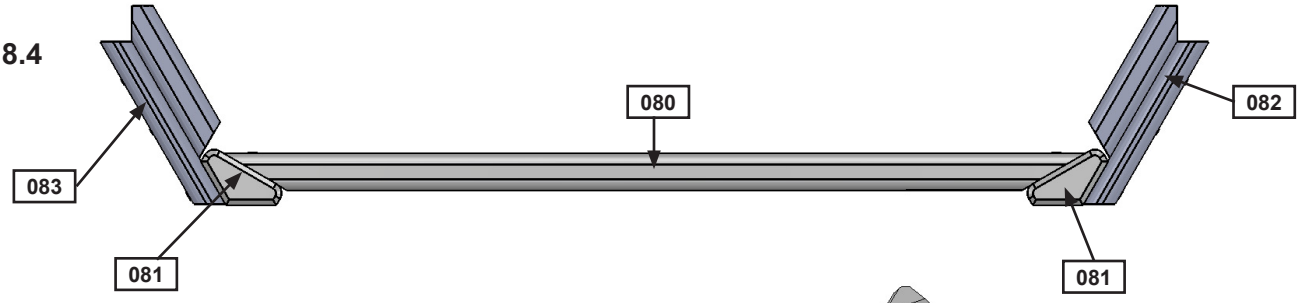
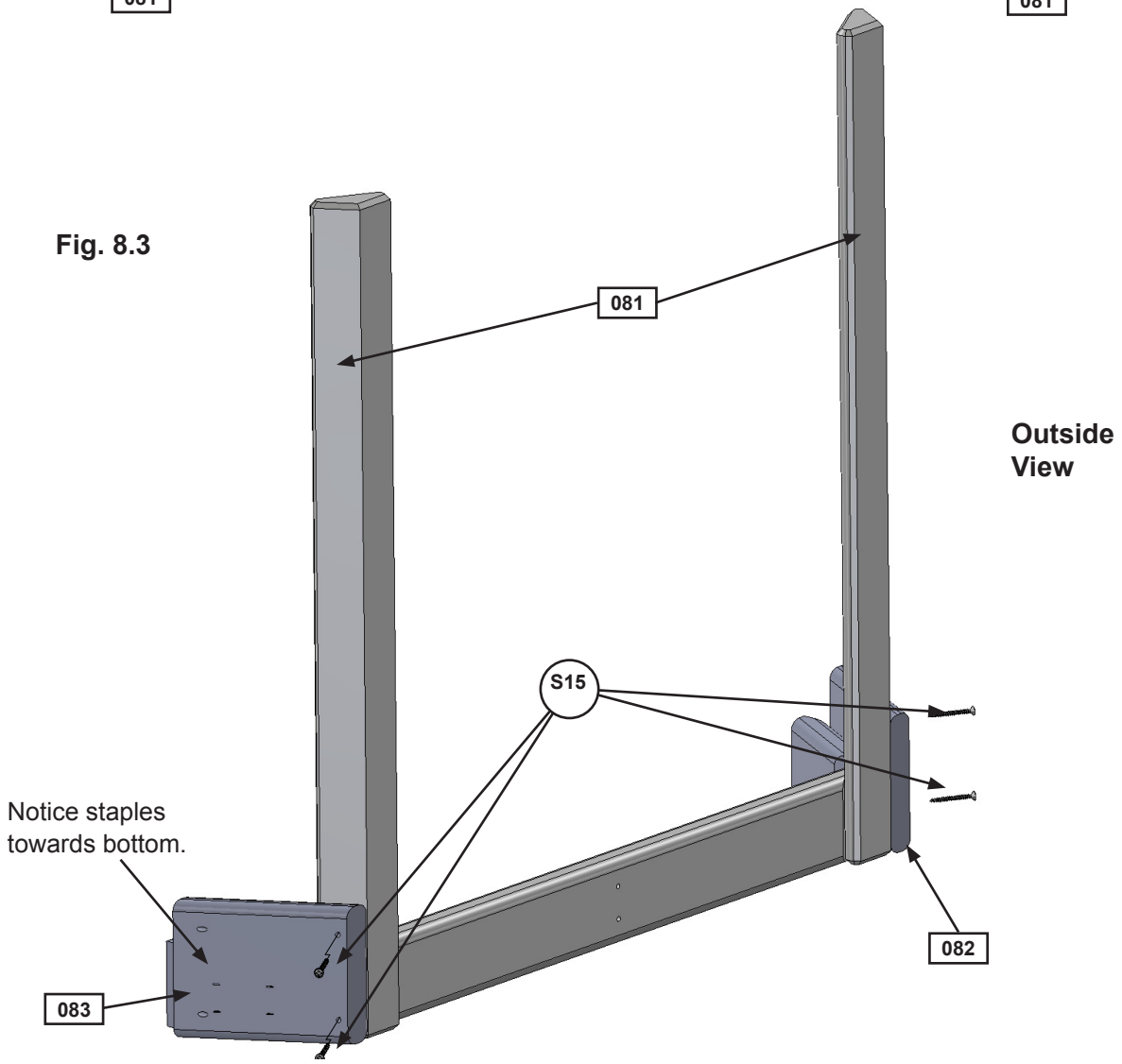


Fig. 8.3



Wood Parts

1 x 082 Slidenest Assembly Right 2-3/16 x 5-1/4 x 7-17/32"

1 x 083 Slidenest Assembly Left 2-3/16 x 5-1/4 x 7-17/32"

Hardware

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

Step 8: Slidenest Assembly Part 3

C: Flush to the top of each (081) Crowsnest Post attach 1 (084) Slidenest L&R with 2 (S15) #8 x 1-3/4" Wood Screws per side. (fig. 8.5 and 8.6) Make sure to maintain the proper orientation as shown in fig. 8.7.

Fig. 8.5

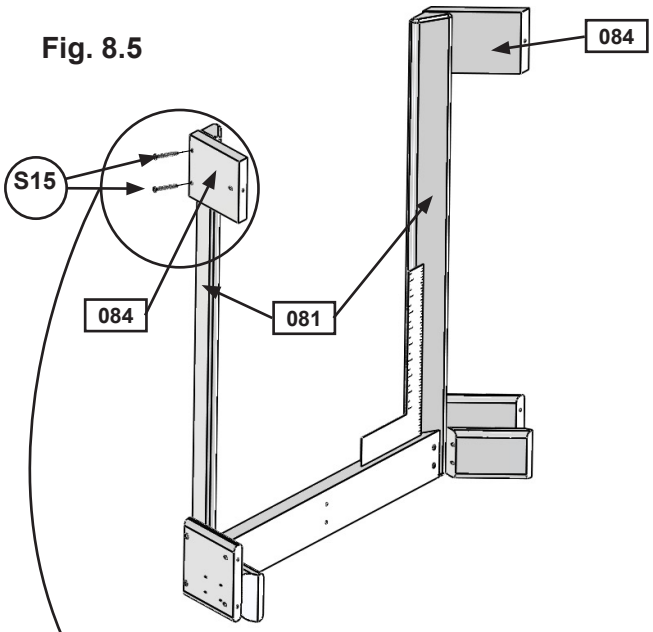


Fig. 8.6

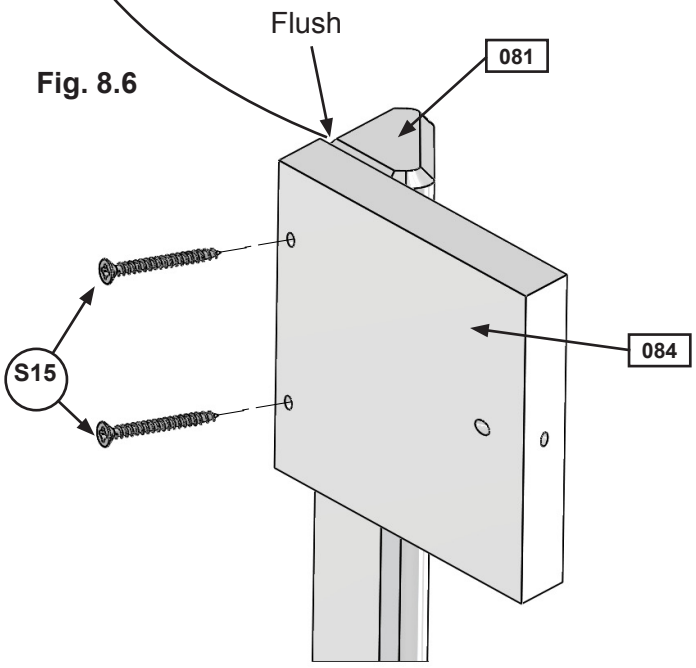
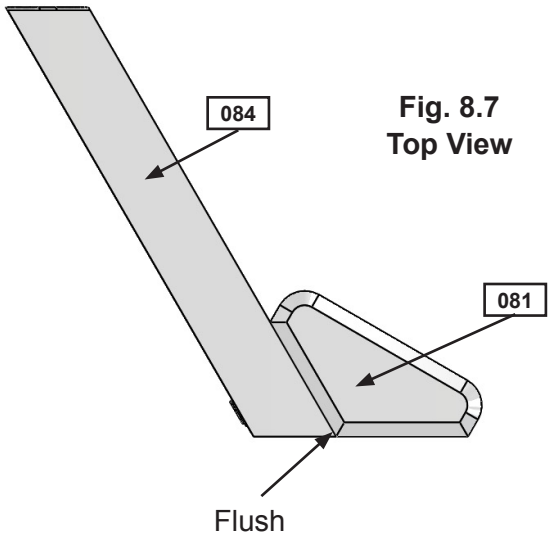


Fig. 8.7
Top View



Wood Parts

2 x [084] Slidenest L&R 5/4 x 5 x 7"

Hardware

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

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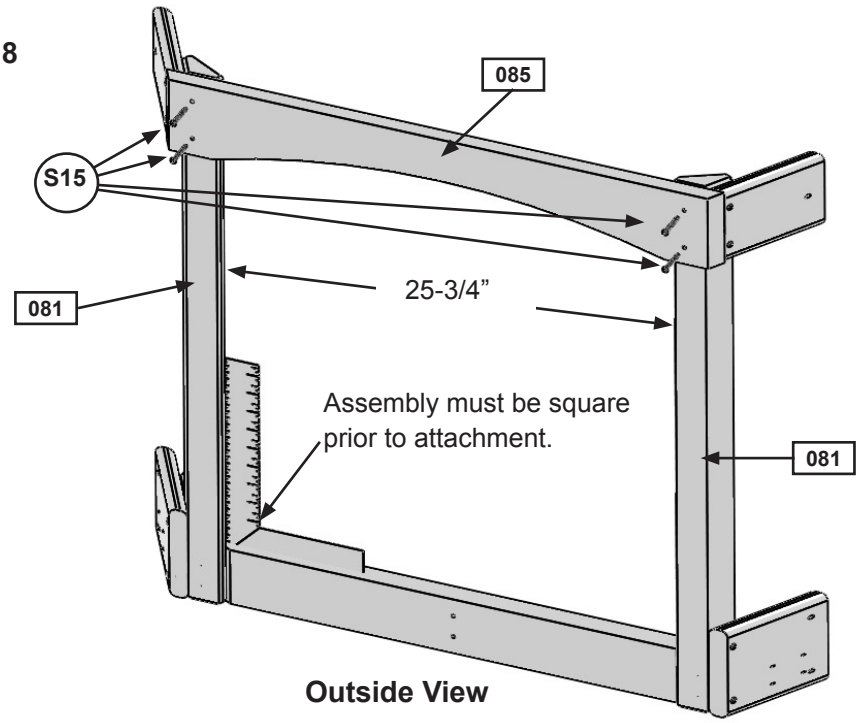
Step 8: Slidenest Assembly Part 4

D: Make sure the Slidenest Assembly is square then attach (085) Slidenest Top to each (081) Crowsnest Post with 4 (S15) #8 x 1-3/4" Wood Screws. Maintain the 25-3/4" distance between posts. (fig. 8.8)

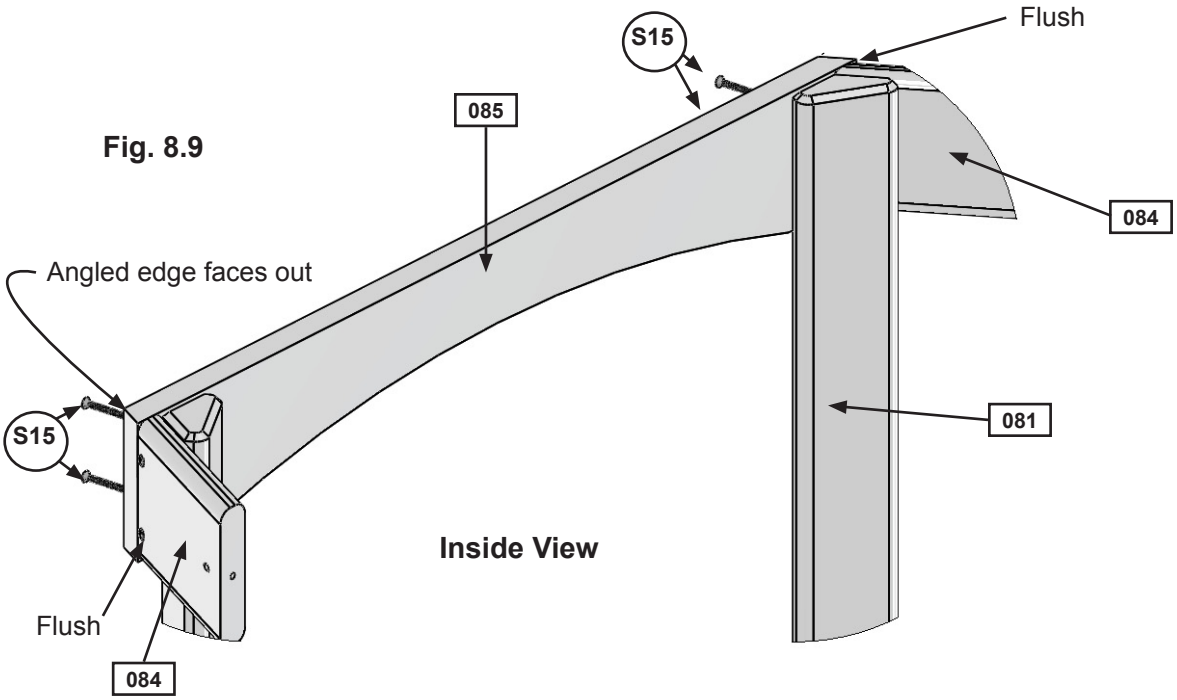
Note: The angled edges of (085) Slidenest Top should face out and flush to the outside edges of each (084) Slidenest L&R. (fig. 8.9)

Fig. 8.8



Outside View

Fig. 8.9



Inside View

Wood Parts

1 x [085] **Slidenest Top 5/4 x 5 x 31-3/4"**

Hardware

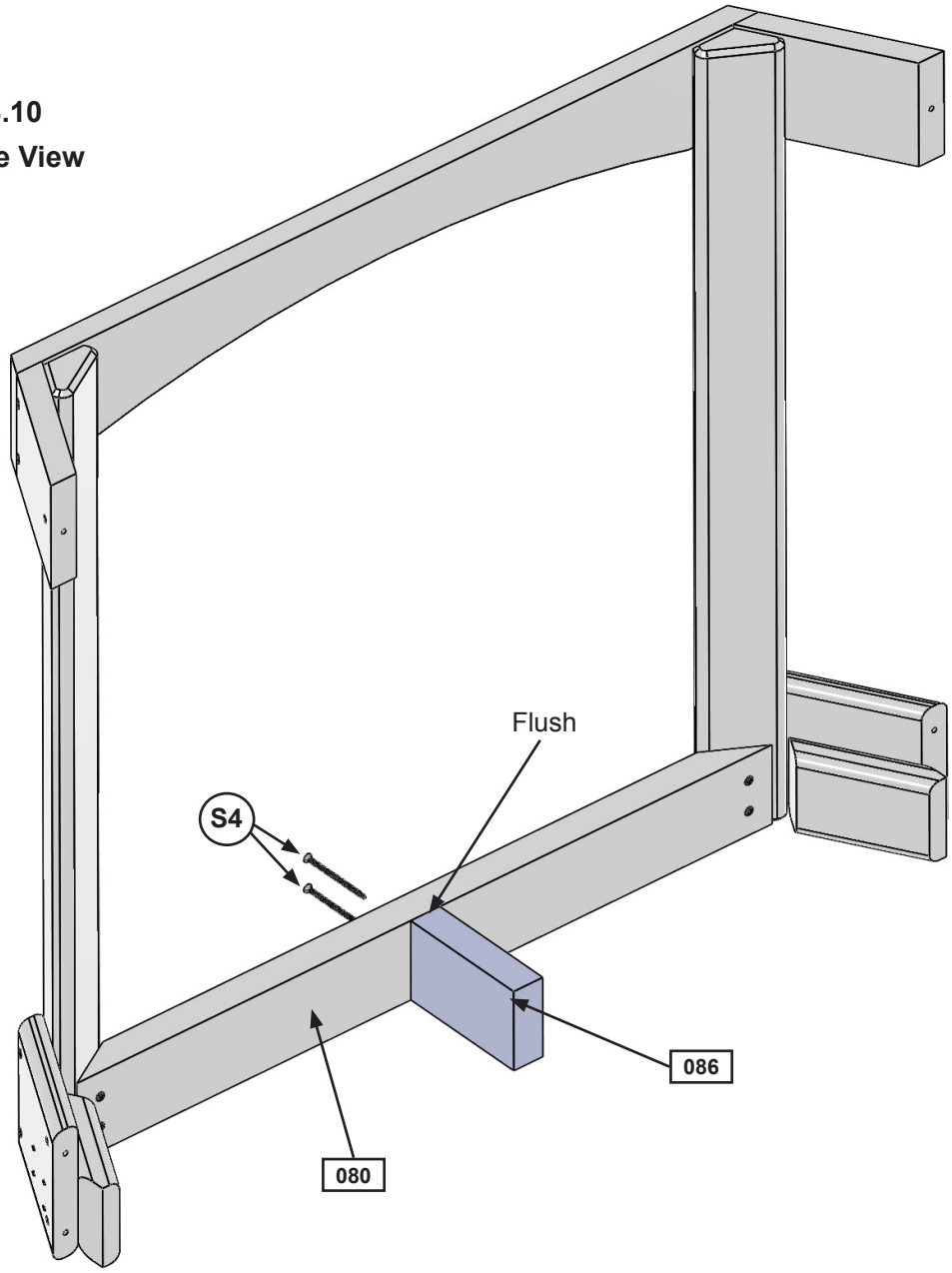
4 x (S15) **#8 x 1-3/4" Wood Screw**

Step 8: Slidenest Assembly
Part 5

E: From inside the assembly place (086) Short Floor Joist in the centre and flush to the top of (080) Slidenest Joist. (fig. 8.10)

F: From outside the assembly pre-drill with a 1/8" drill bit then attach (080) Slidenest Joist to (086) Short Floor Joist with 2 (S4) #8 x 3" Wood Screws. (fig. 8.10)

Fig. 8.10
Inside View



Wood Parts

1 x 086 Short Floor Joist 2 x 4 x 5-1/4"

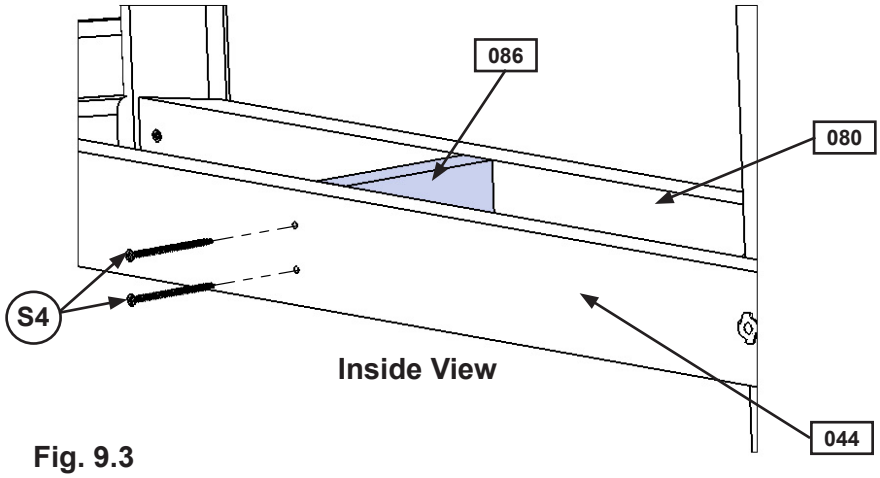
Hardware

2 x S4 #8 x 3" Wood Screw

Step 9: Attach Slidenest Assembly to Fort Part 1

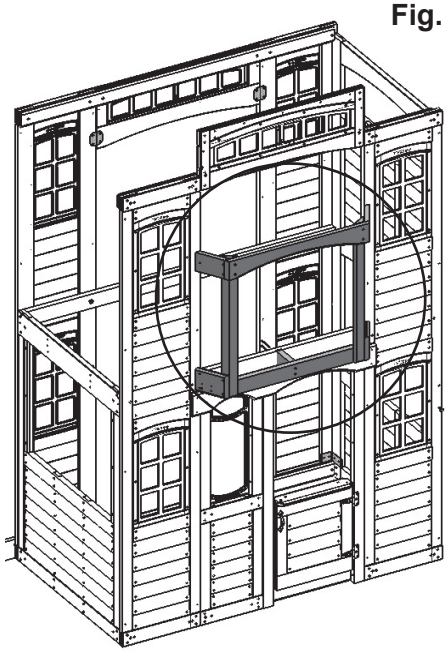
A: With a helper place the Slidenest Assembly against the Door Wall side of the fort so (086) Short Floor Joist is tight to and flush to the top of (044) Joist Side and (082) Slidenest Assembly Right and (083) Slidenest Assembly Left are tight to the top of (066) Arch Top. Pre-drill with a 1/8" drill bit then attach (044) Joist Side to (086) Short Floor Joist with 2 (S4) #8 x 3" Wood Screws. (fig. 9.1, 9.2 and 9.3)

Fig. 9.2



Inside View

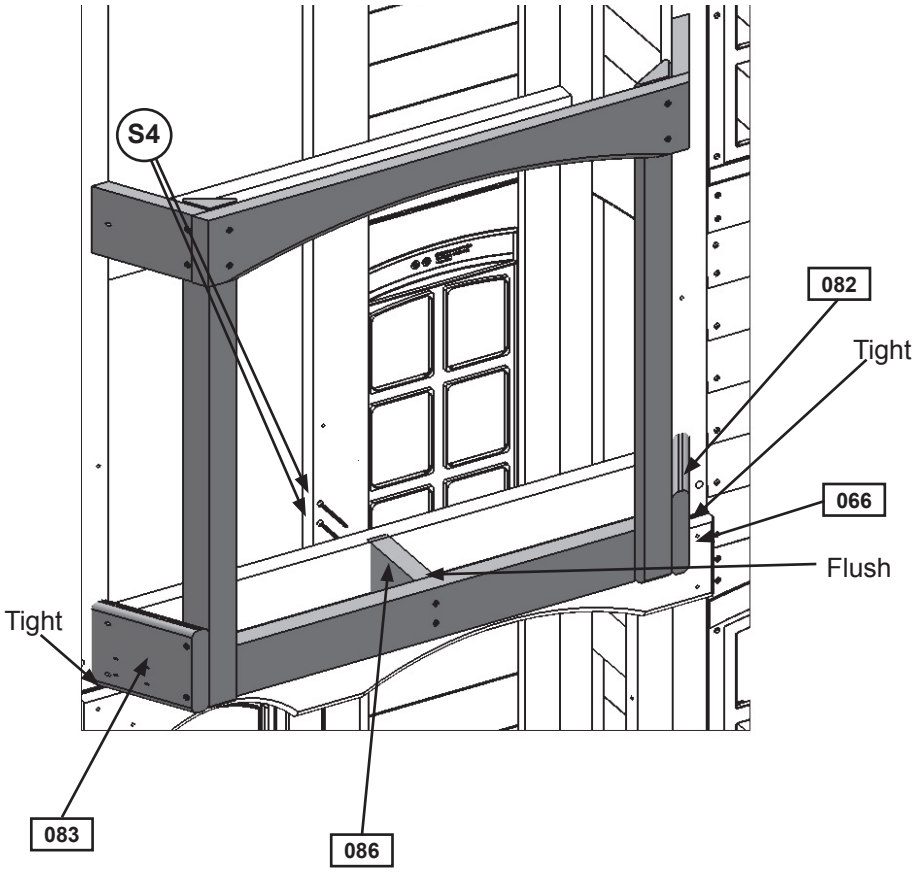
Fig. 9.1



Door Wall Side

Fig. 9.3

Outside View



Hardware

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

Step 9: Attach Slidenest Assembly to Fort Part 2

B: Make sure (082) Slidenest Assembly Right and (083) Slidenest Assembly Left are tight and flush to (030) Narrow Window Panels (fig. 9.4).

C: Attach (082) Slidenest Assembly Right and (083) Slidenest Assembly Left to (030) Narrow Window Panels using 2 (S15) #8 x 1-3/4" Wood Screws per board. (fig. 9.5)

D: Attach both (084) Slidenest L&R to (030) Narrow Window Panels using 1 (S15) #8 x 1-3/4" Wood Screws per board. (fig. 9.5)

Fig. 9.4

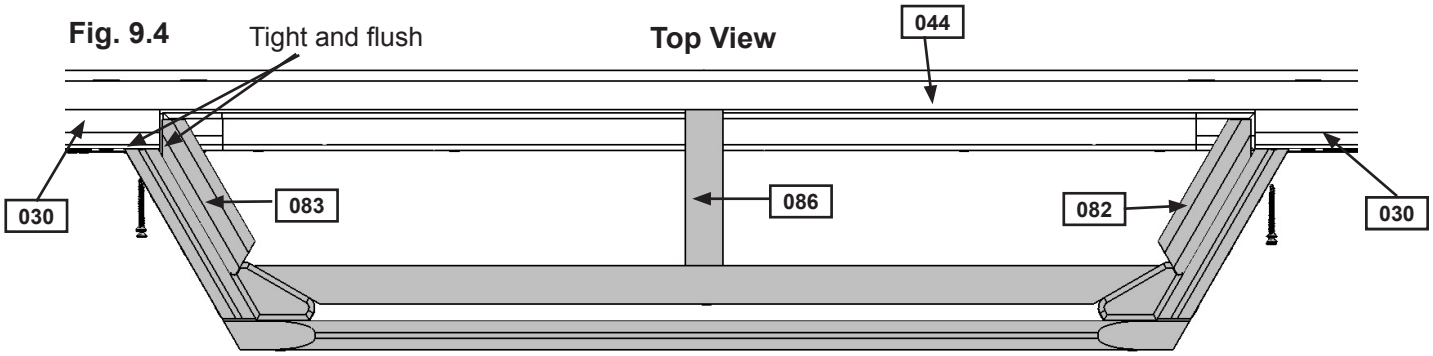
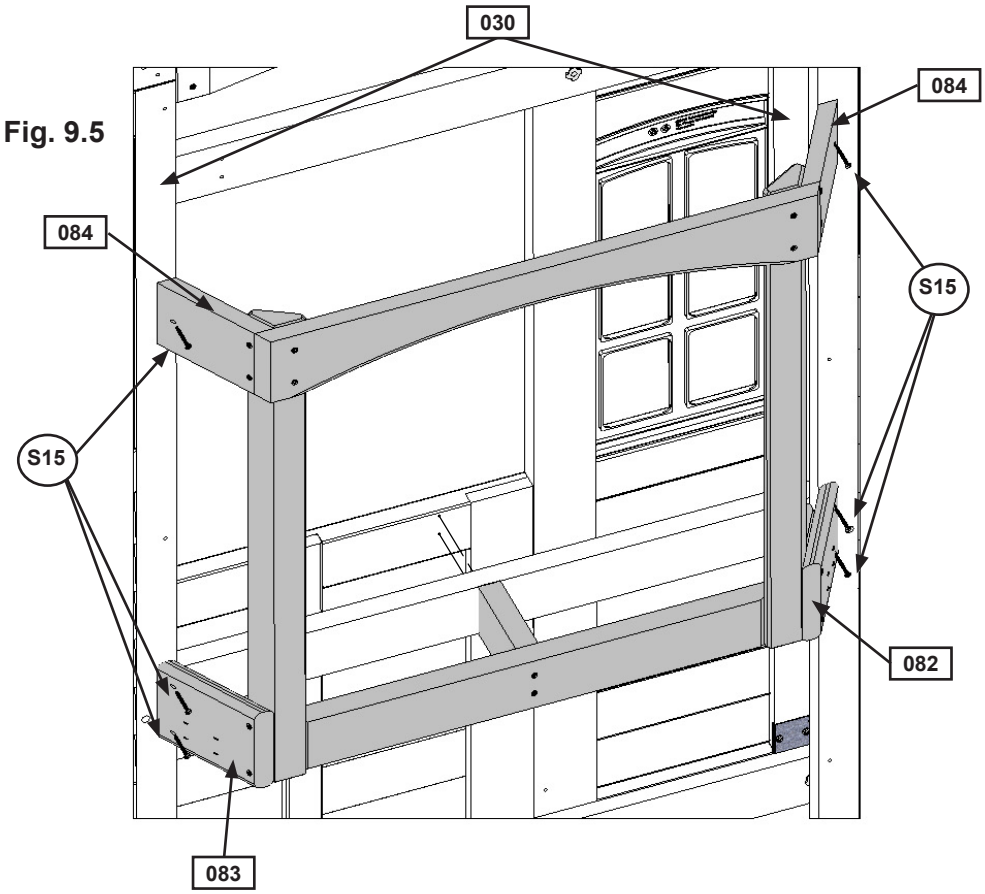


Fig. 9.5



Hardware

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

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Step 9: Attach Slidenest Assembly to Fort Part 3

E: From inside the fort pre-drill with a 1/8" drill bit then attach each (084) Slidenest L&R to (030) Narrow Window Panels using 1 150° Bracket with 4 (S8) #12 X 3/4" Pan Screws per side. (fig. 9.6 and 9.7)

Fig. 9.7
Inside View

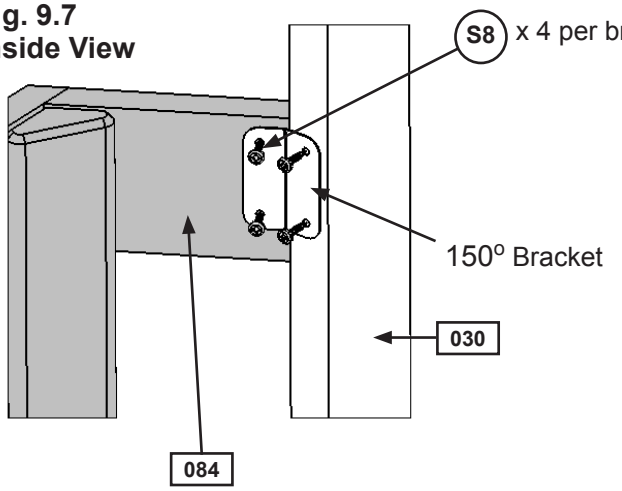
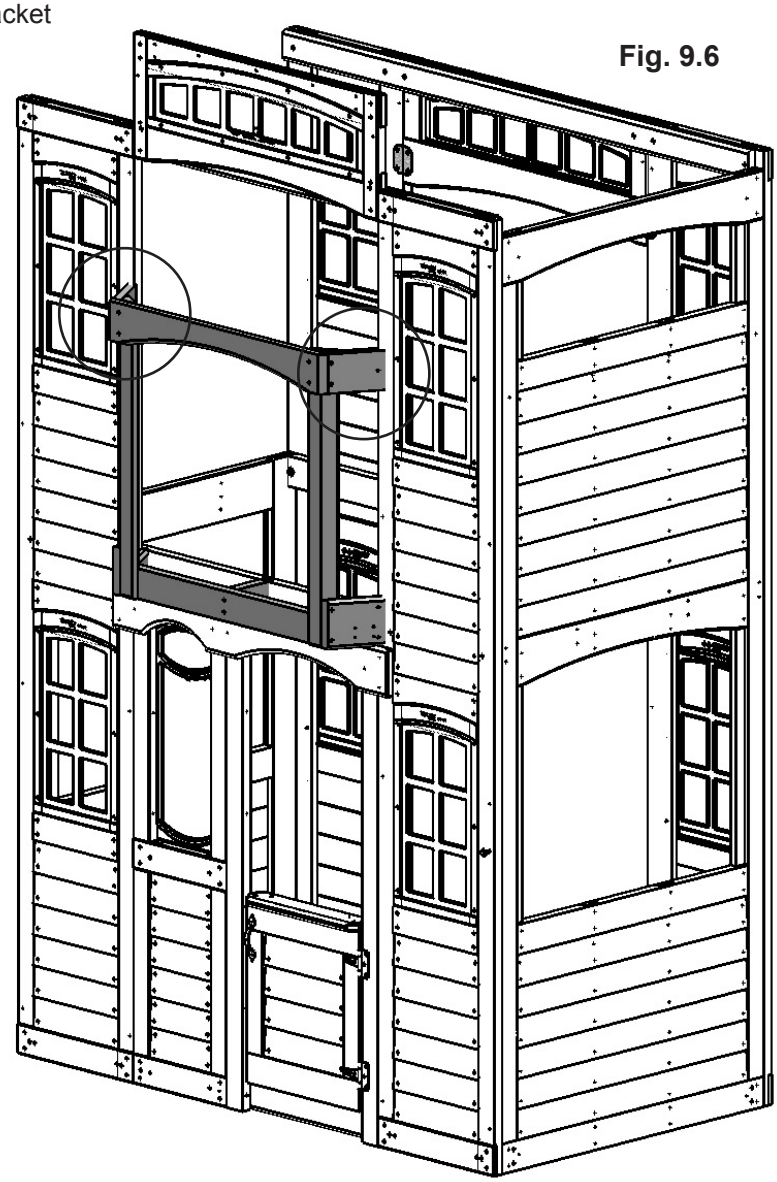


Fig. 9.6



Hardware

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

Other Parts

2 x 150° Bracket

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Step 10: Swing Wall Assembly
Part 1

Keep all bolts loose in this step.

A: Loosely attach (110) Ground SW to the bottom of (040) SW Side Panel using 4 (G8) 5/16 x 2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1, 10.2 and 10.3)

B: At each end of (110) Ground SW loosely attach 1 (111) Diagonal with 1 (G8) 5/16 x 2” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 10.2)

Fig. 10.2

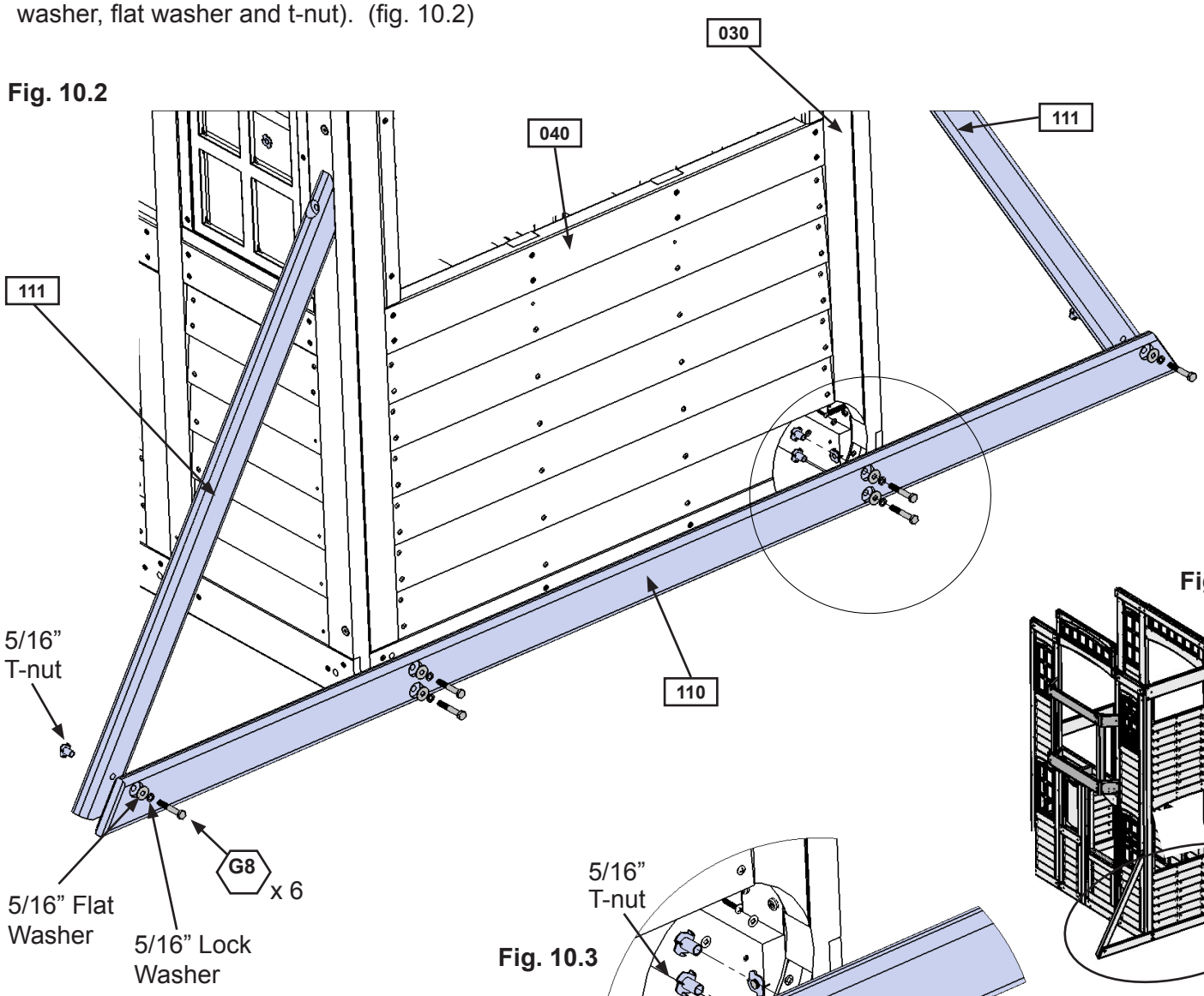


Fig. 10.1

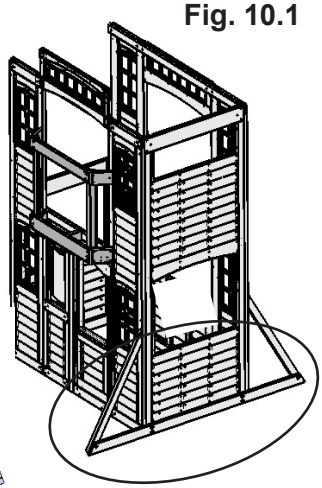
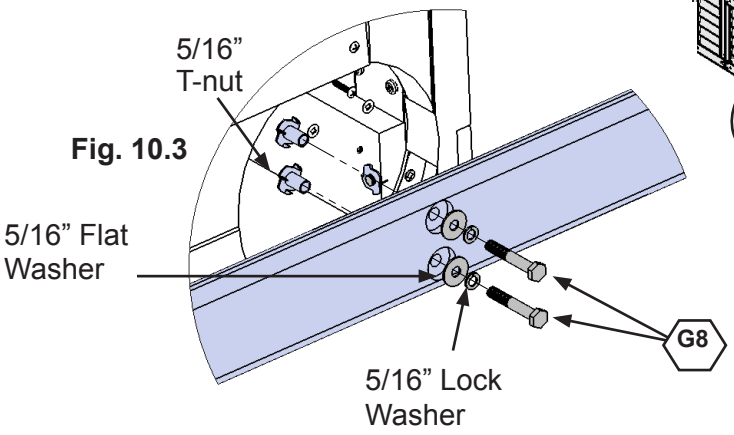


Fig. 10.3



Wood Parts

2 x 111 **Diagonal 2 x 3 x 42-1/4”**

1 x 110 **Ground SW 5/4 x 4 x 83-11/16”**

Hardware

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

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Step 10: Swing Wall Assembly Part 2

C: Pre-drill pilot holes with a 3/16” drill bit then attach (111) Diagonal to (030) Narrow Window Panels with 1 (WL5) 1/4 x 2-1/2” Wafer Lag (with flat washer) per diagonal. (fig. 10.4)

D: Tighten all 6 (G8) 5/16 x 2” Hex Bolts from Step 10 A and B.

Fig. 10.1

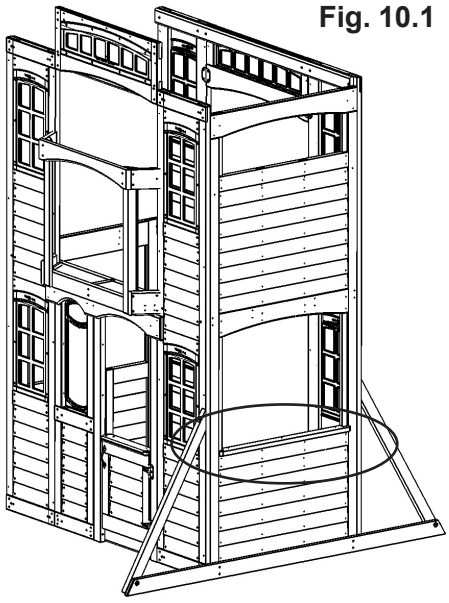
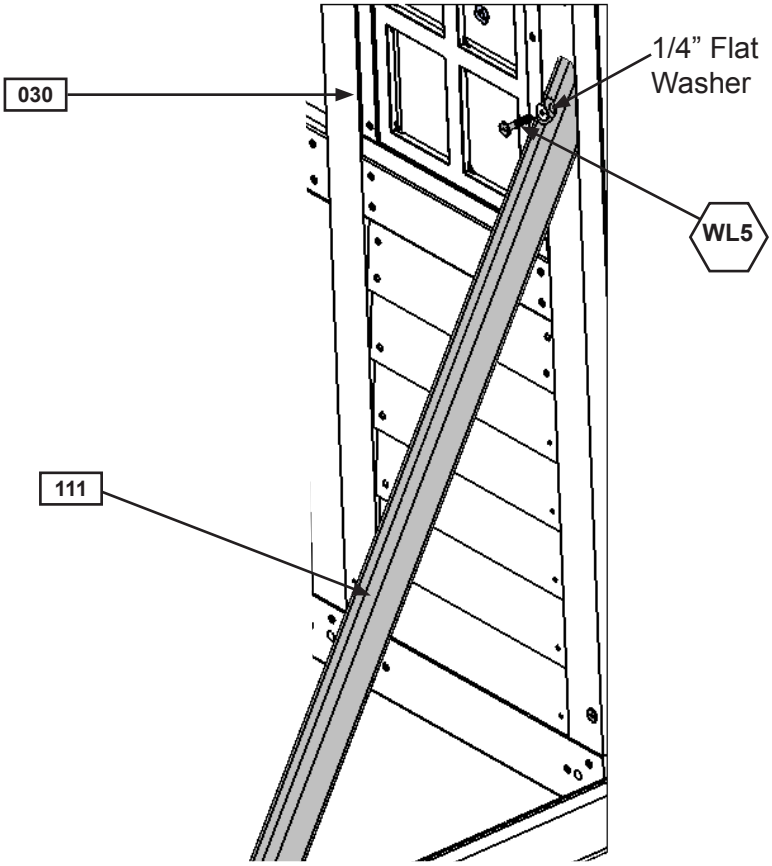


Fig. 10.4



Hardware

2 x WL5 1/4 x 2-1/2” Wafer Lag (1/4” flat washer)

Step 10: Swing Wall Assembly Part 3

E: In the opening of (040) SW Side Panel attach (112) SW Table Top, tight to the corner of the panels, with 3 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 10.5 and 10.6.

F: Attach (113) SW Wall to (040) SW Side Panel in the location shown in fig. 10.5, using the bolt holes as a guide, with 4 (G21) 5/16 x 3-3/4" Hex Bolts (with lock washer, flat washer and t-nut). Make sure bolts are tight. (fig. 10.7)

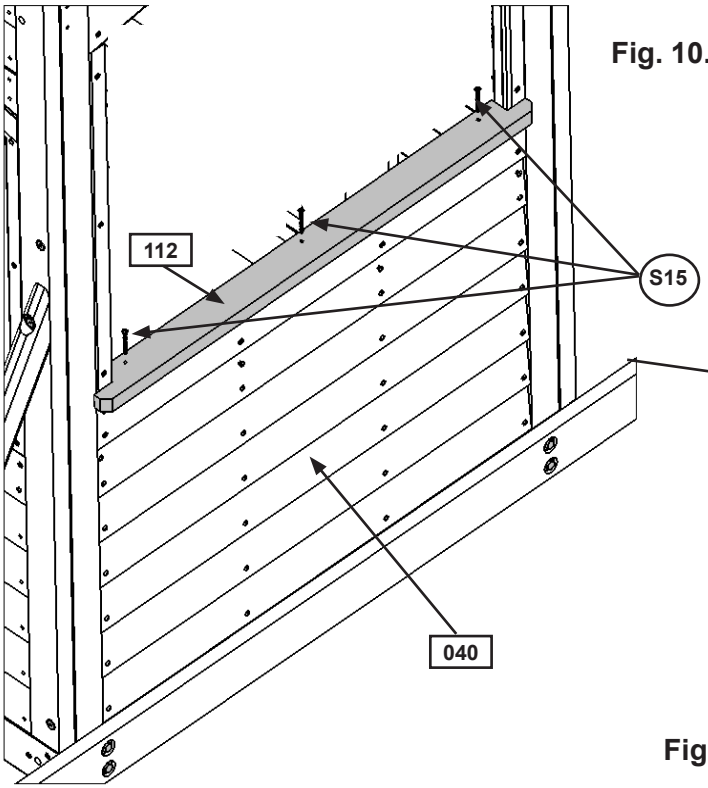


Fig. 10.6

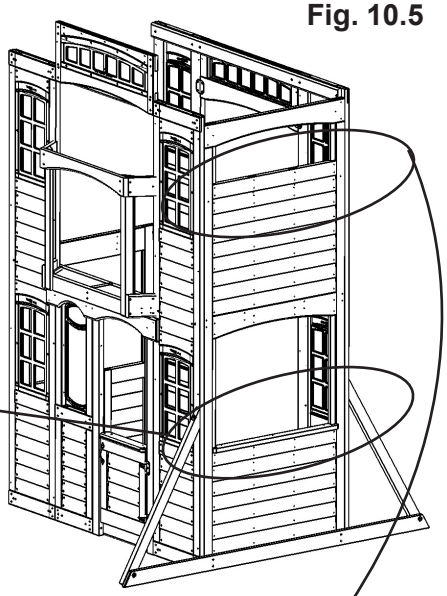


Fig. 10.5

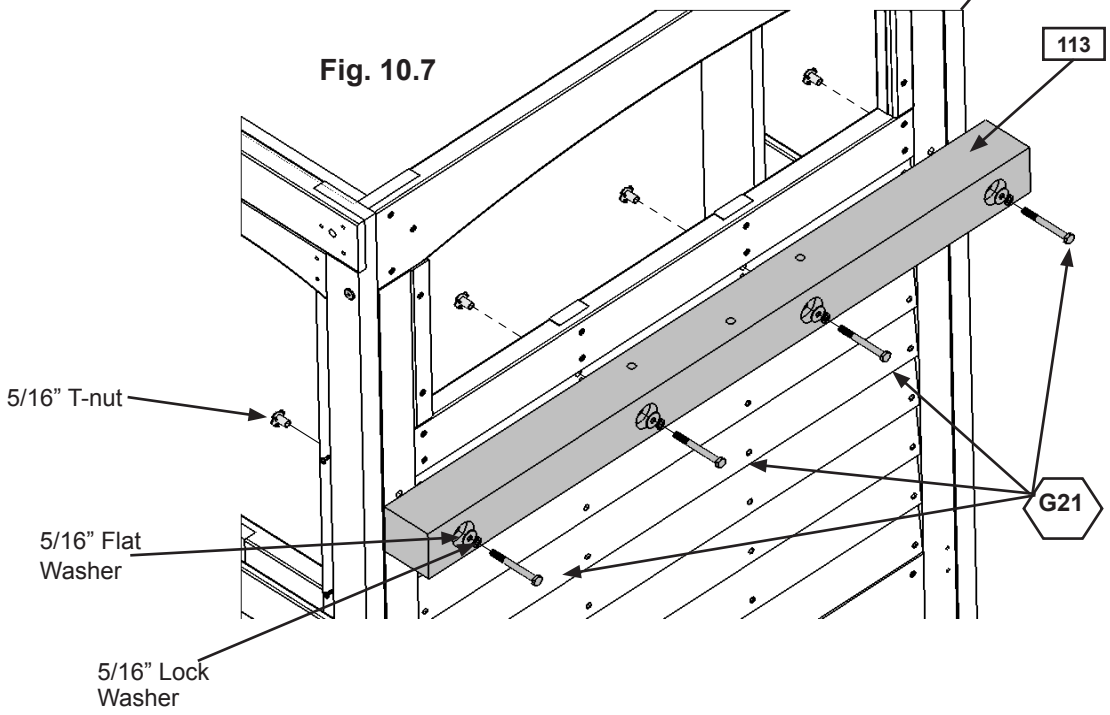


Fig. 10.7

Wood Parts

1 x 112 **SW Table Top 5/4 x 3 x 34-1/4"**
1 x 113 **SW Wall 4 x 4 x 41"**

Hardware

4 x G21 **5/16 x 3-3/4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
3 x S15 **#8 x 1-3/4" Wood Screw**

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Step 11: Install Fort Ground Stakes

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

A: In the 3 places shown in fig. 11.1 drive the Rebar Ground Stakes 13” into the ground against (041) Wall Tie and (111) Diagonals. 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 to (041) Wall Tie and (111) Diagonals using 1 (S7) #12 x 2” Pan Screw per ground stake as shown in fig. 11.2 and 11.3.

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 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. 11.1

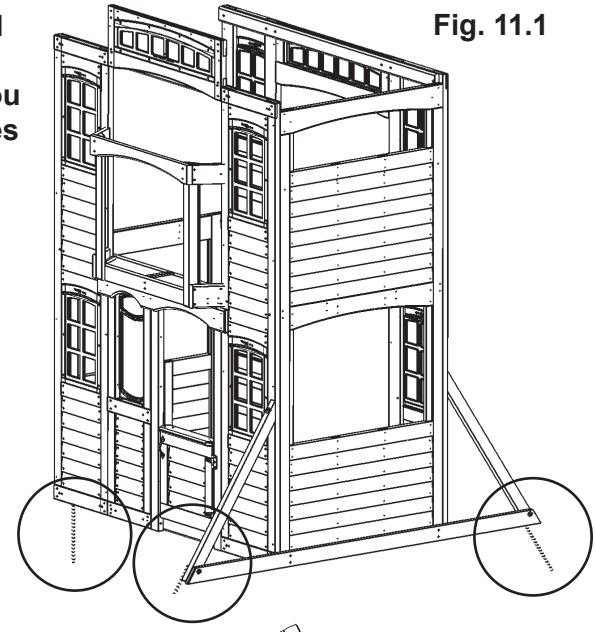


Fig. 11.2

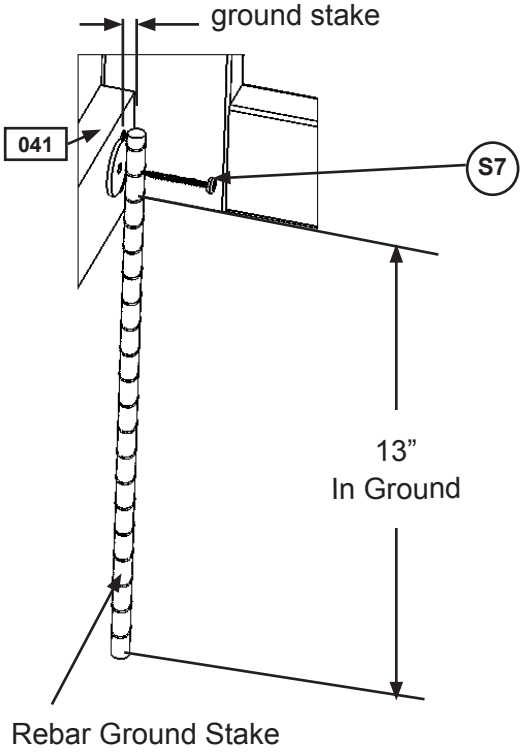
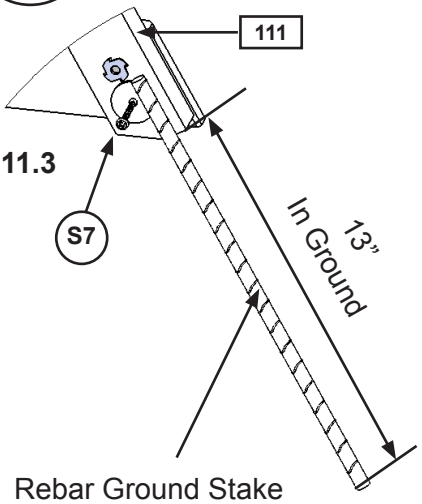


Fig. 11.3



SEE FRONT COVER FOR SAFETY CLEARANCE

Hardware

3 x (S7) #12 x 2” Pan Screw

Other Parts

3 x Rebar Ground Stake

Step 12: Attach Roof Gusset

A: Centred and flush to the top of (070) Transom Panel Back attach (150) Roof Gusset with 2 (S15) #8 x 1-3/4" Wood Screws. The side that measures 1-1/4" sits against (070) Transom Panel Back. (fig. 12.1 and 12.2)

Fig. 12.1

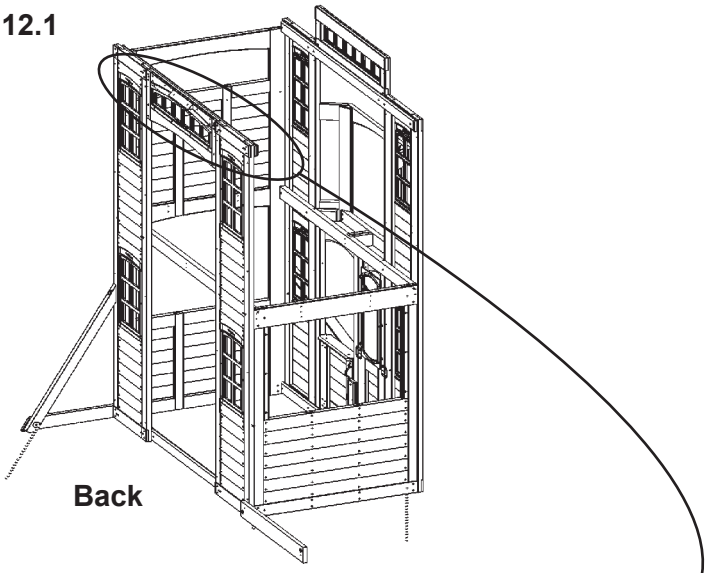
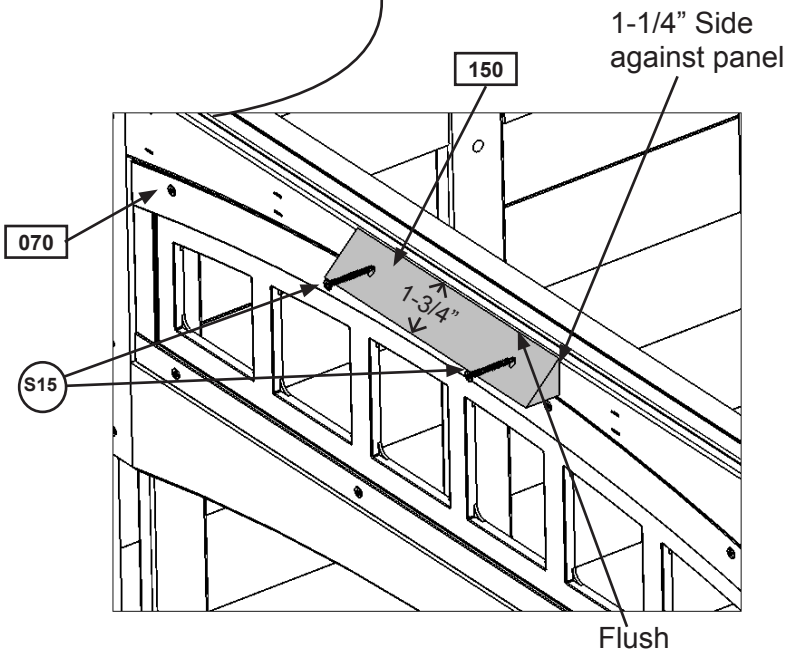


Fig. 12.2



Wood Parts

1 x [150] Roof Gusset 1-1/4 x 1-1/4 x 10"

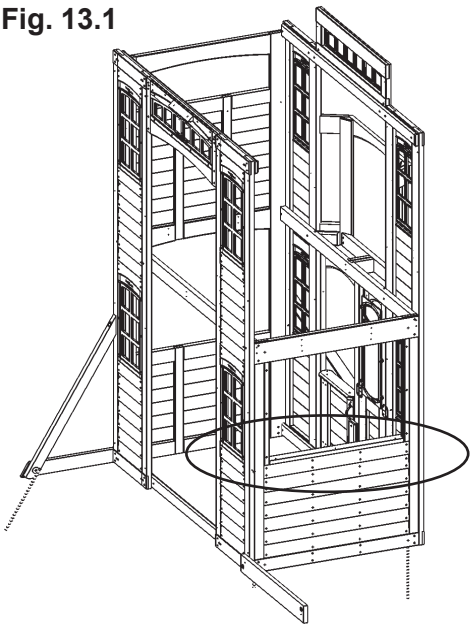
Hardware

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

Step 13: Attach SW Table Top to Slide Wall Side

A: On the Slide Wall side in the opening of (032) SL Side Panel, with the shorter face flush to the outside of (032) SL Side Panel, attach (112) SW Table Top, tight to the corners of the panels, with 3 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 13.1, 13.2 and 13.3. The notches must be on the inside of the assembly.

Fig. 13.1



Slide Wall Side

Fig. 13.3

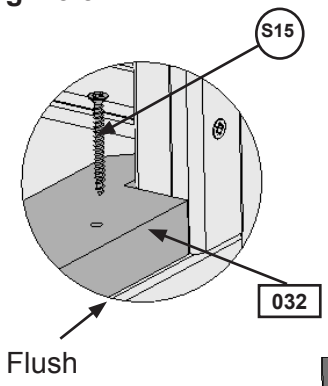
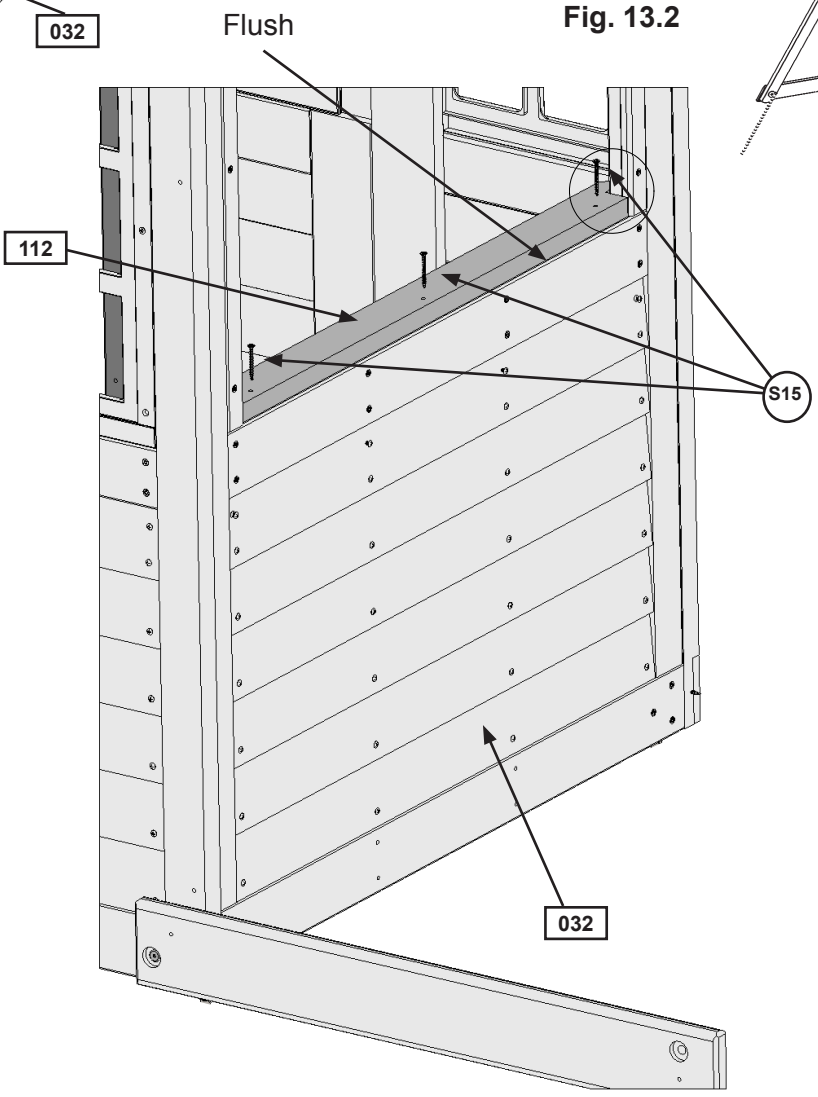


Fig. 13.2



Wood Parts

1 x 112 SW Table Top 5/4 x 3 x 34-1/4"

Hardware

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

Step 14: Attach Floor Joists
Part 1

A: With one person inside the assembly line 2 (143) Joists up to the pilot holes on the (040) SW Side Panel. Make sure the distance between the 2 boards is 15” and the tops of the joists are flush to the top of the panel board, then attach to (040) SW Side Panel with 2 (S4) #8 x 3” Wood Screws per joist. (fig. 14.1 and 14.2)

B: Attach both (044) Joist Sides to (040) SW Side Panel with 2 (S4) #8 x 3” Wood Screws per joist. (fig. 14.1 and 14.2)

Fig. 14.2

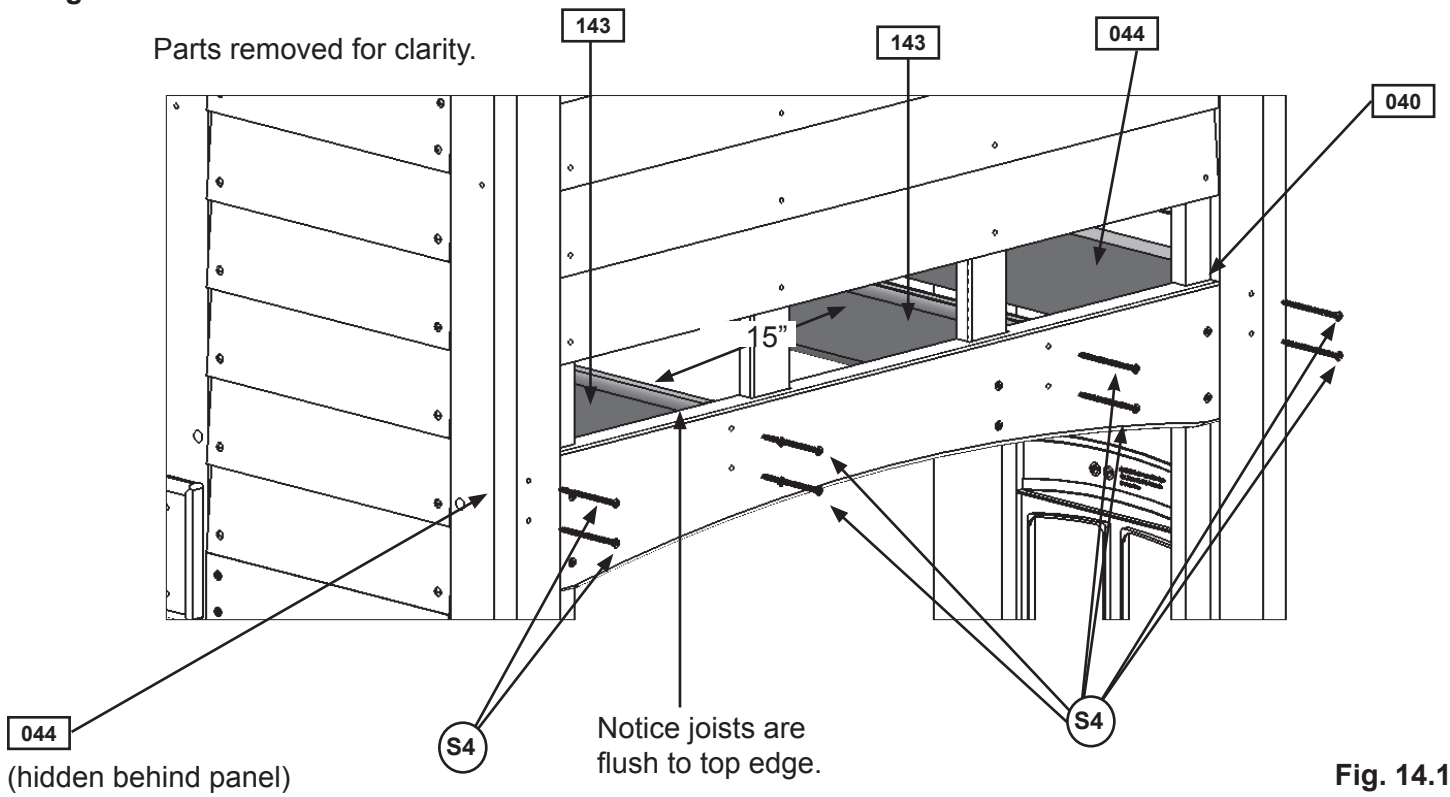
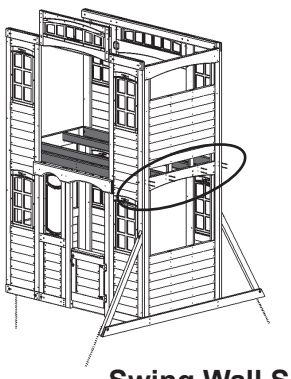


Fig. 14.1



Swing Wall Side

Wood Parts

2 x [143] Joist 2 x 4 x 67-1/2”

Hardware

8 x (S4) #8 x 3” Wood Screw

Step 14: Attach Floor Joists Part 2

C: Line the 2 (143) Joists up to the pilot holes on the (032) SL Side Panel on the Slide Wall Side, maintaining the distance between the 2 boards of 15”. The joists should be flush to the top of (032) SL Side Panel. (fig. 14.3 and 14.4)

D: Attach both (143) Joists and both (044) Joist Sides to (032) SL Side Panel with 2 (S4) #8 x 3” Wood Screws per joist. (fig. 14.4)

Fig. 14.4

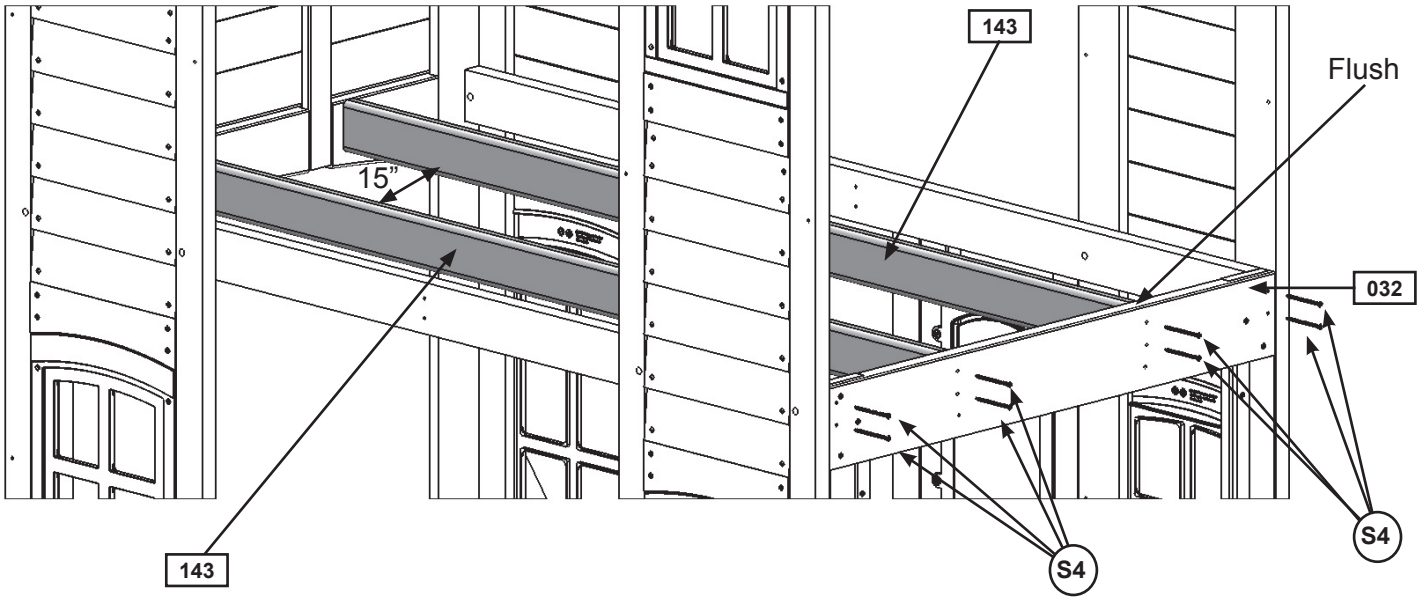
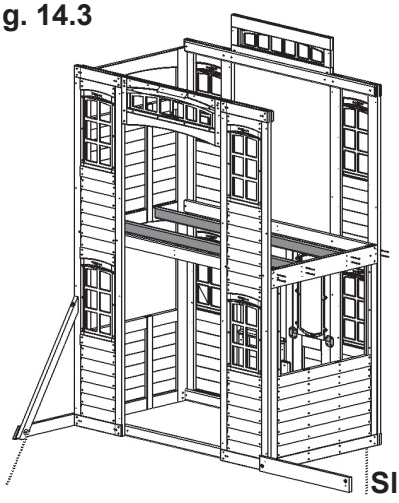


Fig. 14.3



Slide Wall Side

Hardware

8 x (S4) #8 x 3” Wood Screw

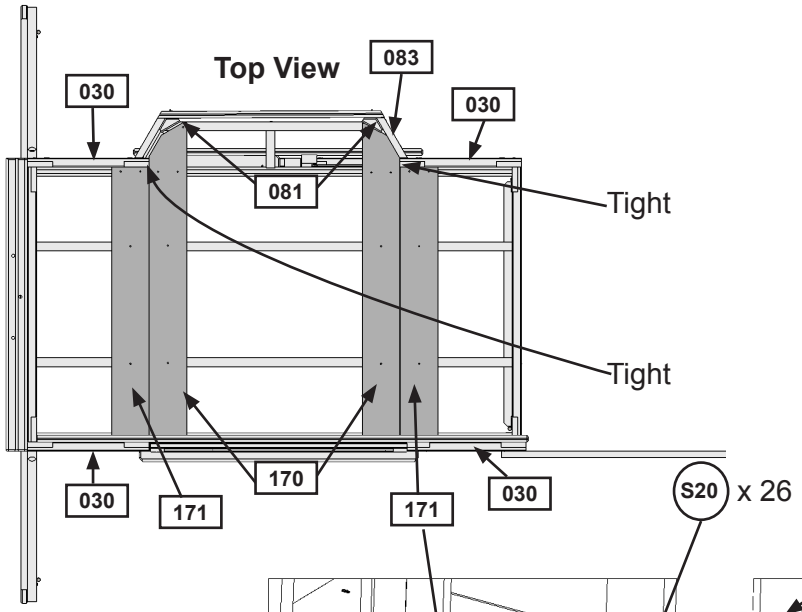
Step 15: Floor Board Assembly
Part 1

A: Place 2 (170) Angle Floors on the (044) Joist Sides, (143) Joists and (080) Slidenest Joist. These boards should be tight to (081) Crowsnest Posts and (082) and (083) Slidenest Assemblies Right and Left. (fig. 15.1 and 15.2)

B: Tight to the outside of each (170) Angle Floor place 1 (171) Floor, as shown in fig. 15.1. These boards should be tight and flush to the inside corner of (030) Narrow Window Panels. (fig. 15.2)

C: Attach both boards to the joists with 7 (S20) #8 x 1-3/8" Wood Screws in the (170) Angle Floors and 6 (S20) #8 x 1-3/8" Wood Screws in the (171) Floors. (fig. 15.2)

Fig. 15.1



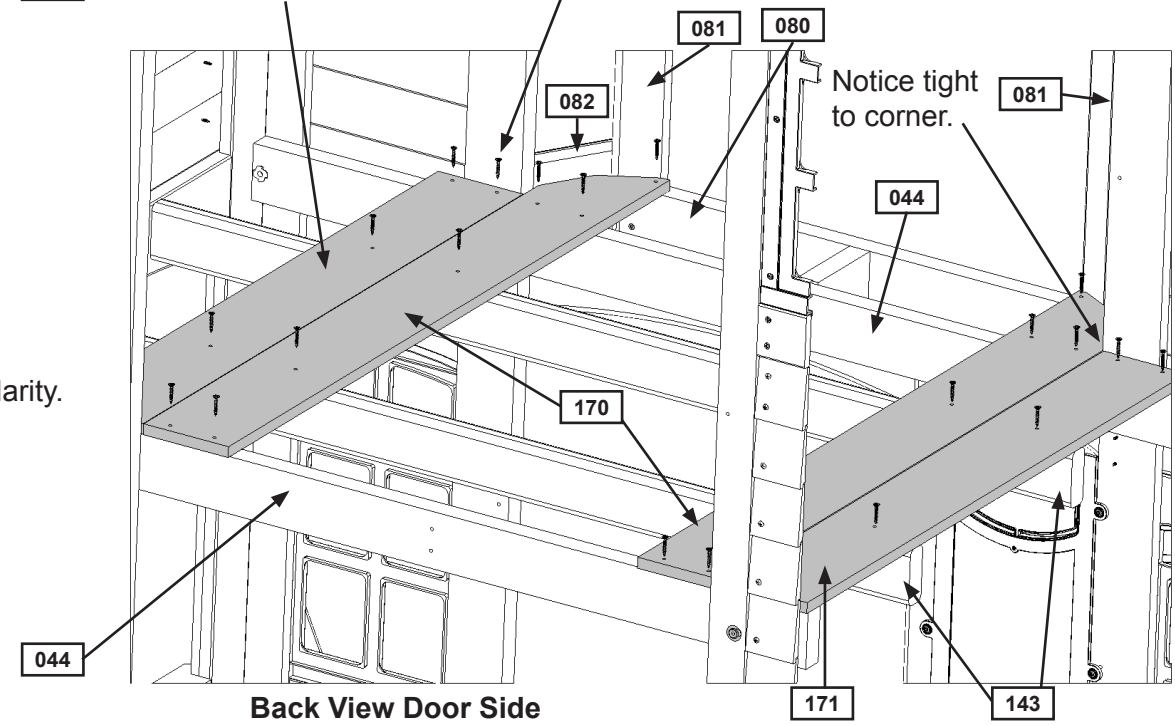


Fig. 15.2

Parts removed for clarity.

Back View Door Side

Wood Parts

2 x 171 **Floor 1 x 6 x 38-1/2"**

2 x 170 **Angle Floor 1 x 6 x 44-3/4"**

Hardware

26 x S20 **#8 x 1-3/8" Wood Screw**

Step 15: Floor Board Assembly Part 2

D: On the inside of each (170) Angle Floor place 1 (172) Slidenest Floor and then evenly space 3 (173) Slidenest Floors in between the 2 (172) Slidenest Floors. (fig. 15.3)

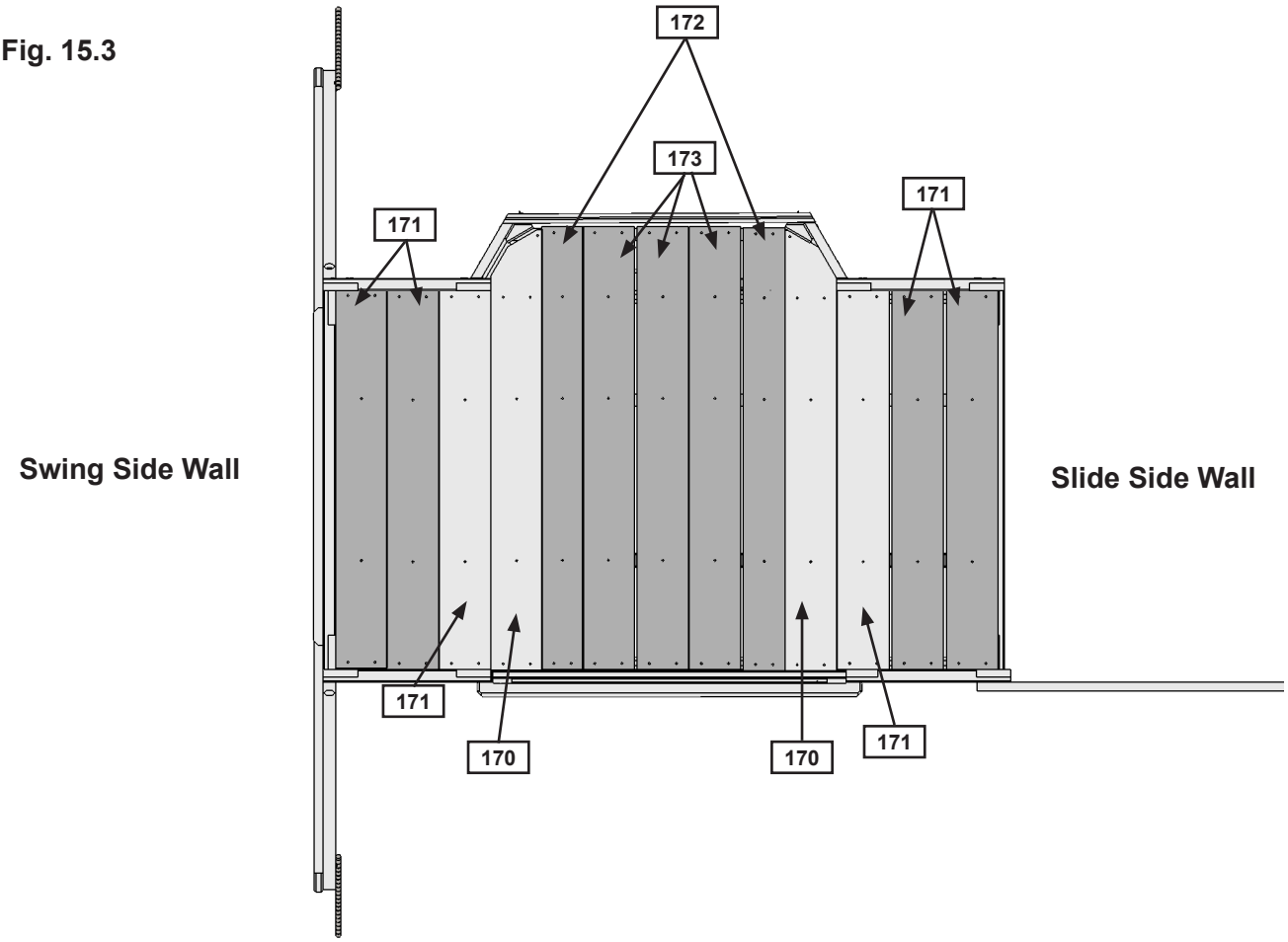
E: On the Swing Side Wall place and evenly space 2 (171) Floors next to the already placed (171) Floor. (fig. 15.3)

F: On the Slide Wall Side place and evenly space 2 (171) Floors next to the already placed (171) Floor. (fig. 15.3)

Note: Some boards may be tight to each other and some may have a small space between them.

Top View

Fig. 15.3



Wood Parts

3 x 173 Slidenest Floor 1 x 6 x 45”
2 x 172 Slidenest Floor 1 x 5 x 45”
4 x 171 Floor 1 x 6 x 38-1/2”

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Step 15: Floor Board Assembly
Part 3

G: Attach all unfastened floor boards to joists with (S20) #8 x 1-3/8” Wood Screws. (fig. 15.4 and 15.5)

Fig. 15.4

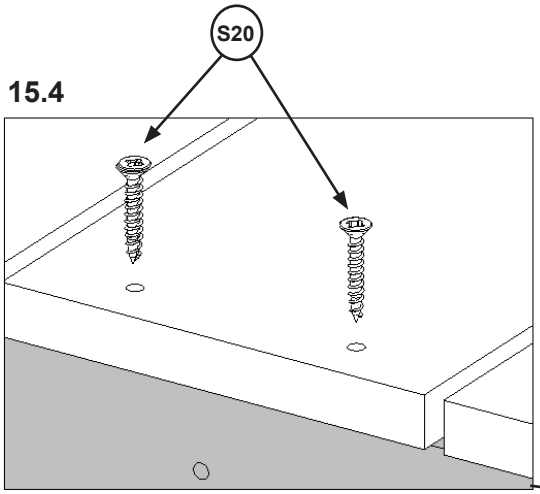
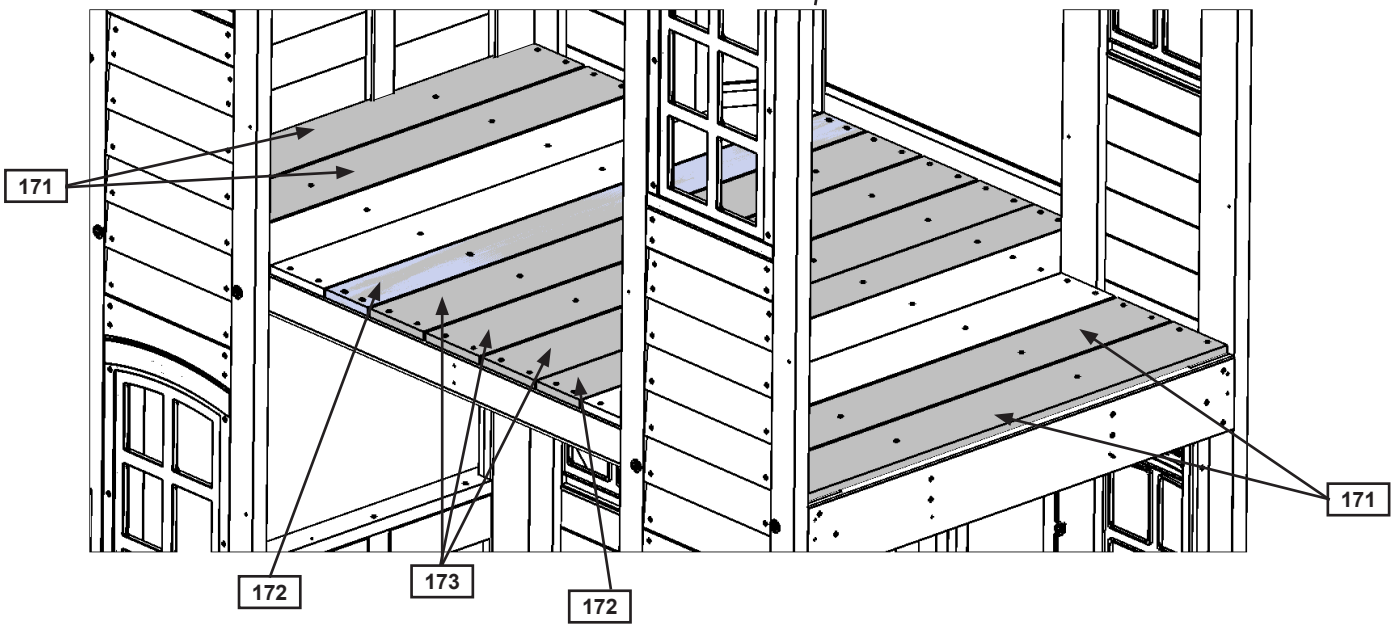


Fig. 15.5

Note: Some boards were removed for clarity.



Hardware

59 x (S20) #8 x 1-3/8” Wood Screw

Step 16: Attach Wall Boards to Slidenest Assembly

A: Tight to each (081) Crowsnest Post and tight to the floor boards attach 2 (180) Wall Boards to (082) and (083) Slidenest Assemblies Right and Left and both (084) Slidenest L&R with 4 (S20) #8 x 1-3/8" Wood Screws per wall board. (fig. 16.1 and 16.2)

Fig. 16.1

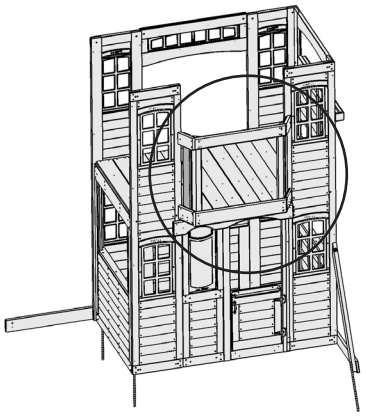
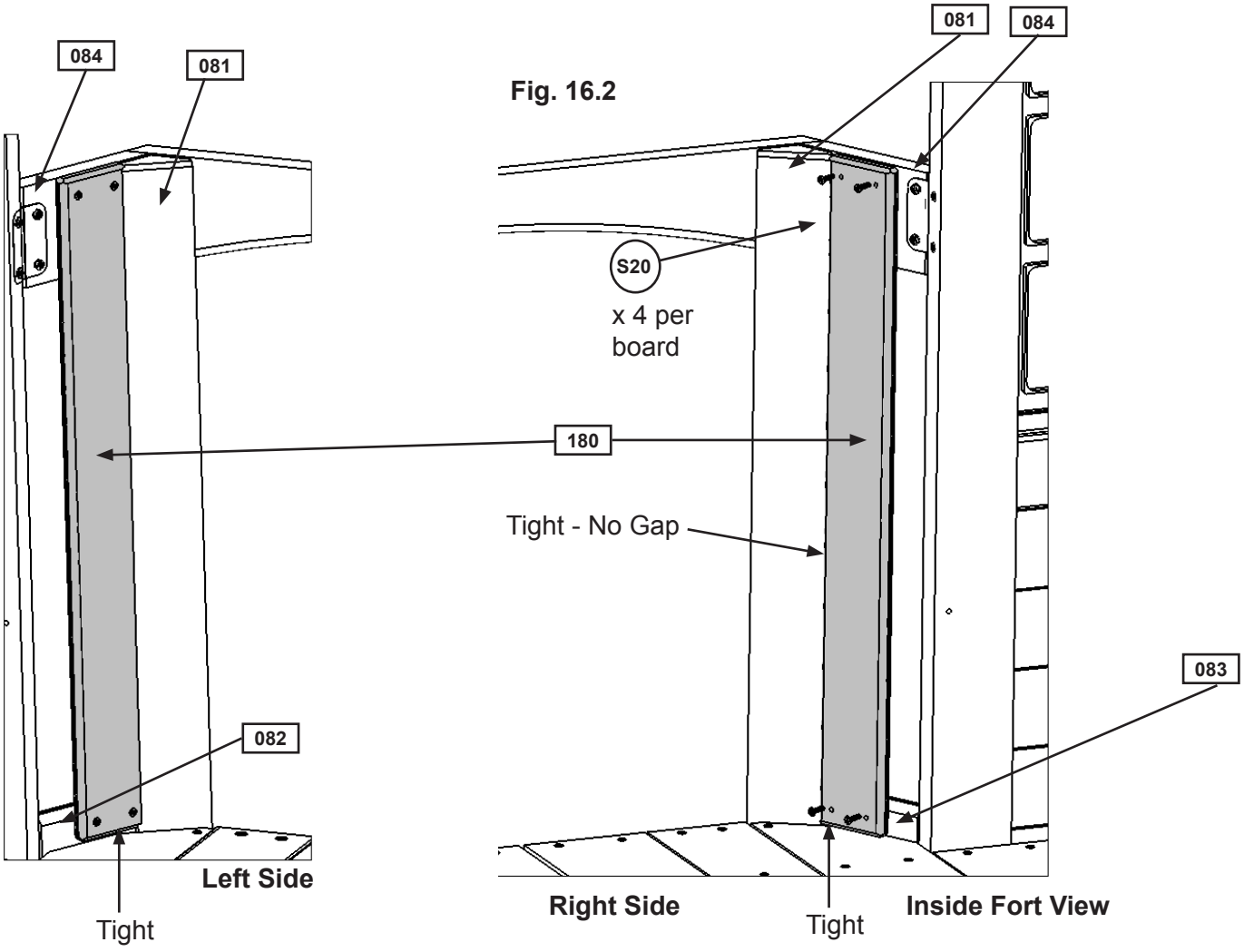


Fig. 16.2



Wood Parts

2 x [180] Wall Board 1 x 4 x 26-1/2"

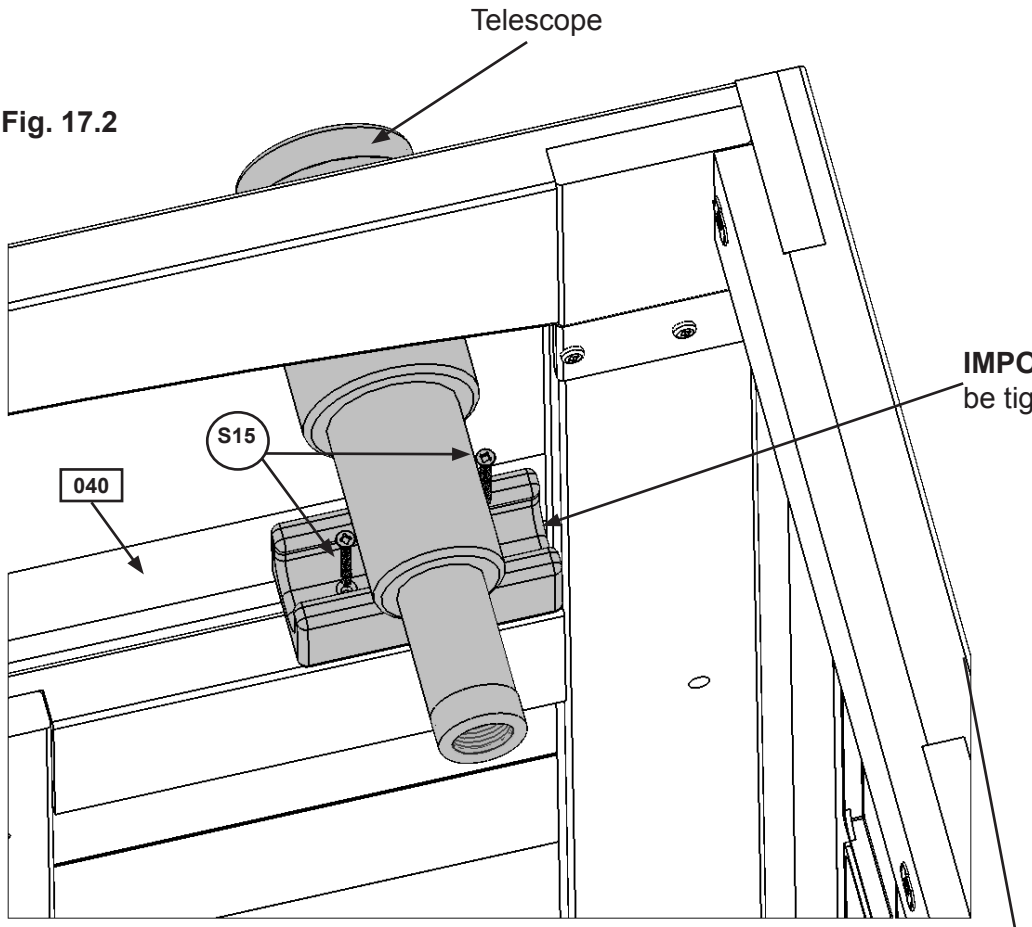
Hardware

8 x (S20) #8 x 1-3/8" Wood Screw

Step 17: Attach Telescope

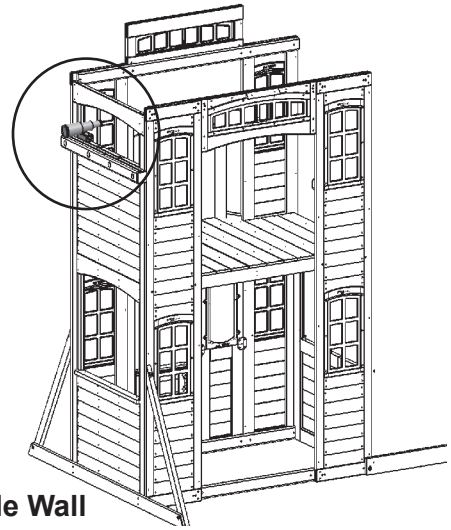
A: On the Swing Side Wall, as shown in fig. 17.1, attach Telescope to (040) SW Side Panel with 2 (S15) #8 x 1-3/4" Wood Screws. Make sure the Telescope is tight to the corner of the panel. (fig. 17.2)

Fig. 17.2



Inside Fort View

Fig. 17.1



Swing Side Wall

Hardware	Other Parts
2 x (S15) #8 x 1-3/4" Wood Screw	1 x Telescope

Step 18: Roof Support Assembly Part 1

A: Attach 1 (220) Roof Support to 1 (221) Roof Support Left at peak using 1 (S4) #8 x 3" Wood Screw. (fig. 18.1)

B: Place (222) Gable Bottom on (220) Roof Support and (221) Roof Support Left so it is flush to the outside edges of the supports. In the bolt holes tap in 2 - 5/16" t-nuts. (fig. 18.2)

C: Flip the assembly over so the large counter sunk holes are facing up. Attach (222) Gable Bottom to (220) Roof Support and (221) Roof Support Left with 2 (G8) 5/16 x 2" Hex Bolts (with lock washer and flat washer). (fig. 18.3)

Repeat to make 2 assemblies.

Fig. 18.1

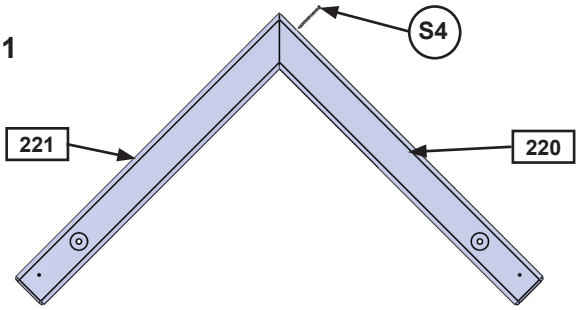


Fig. 18.2

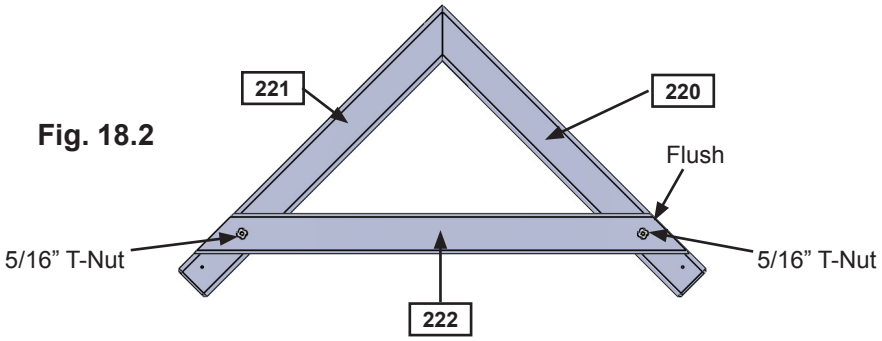
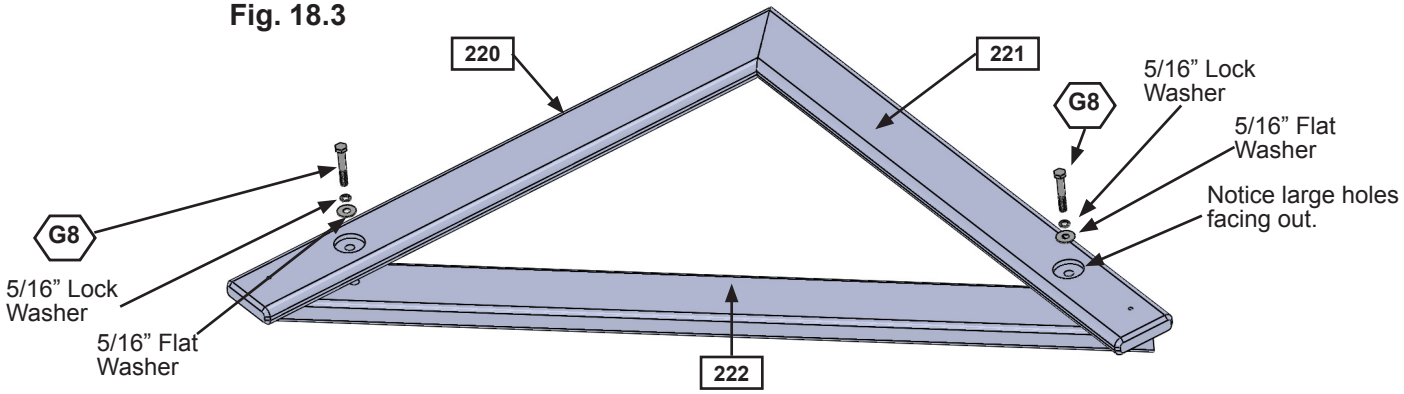


Fig. 18.3



Wood Parts

- 2 x 221 **Roof Support Left 5/4 x 4 x 31"**
- 2 x 220 **Roof Support 5/4 x 4 x 31"**
- 2 x 222 **Gable Bottom 2 x 4 x 41"**

Hardware

- 2 x S4 **#8 x 3" Wood Screw**
- 4 x G8 **5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16"t-nut)**

Step 18: Roof Support Assembly Part 2

D: Place (223) Sunburst on (222) Gable Bottom so it's centre measures 16-1/2" from the centre of either bolt hole and it measures 1-1/4" from the bottom of (222) Gable Bottom. (fig. 18.4)

E: Attach (223) Sunburst to (222) Gable Bottom with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 18.5)

Repeat for both assemblies.

Fig. 18.4

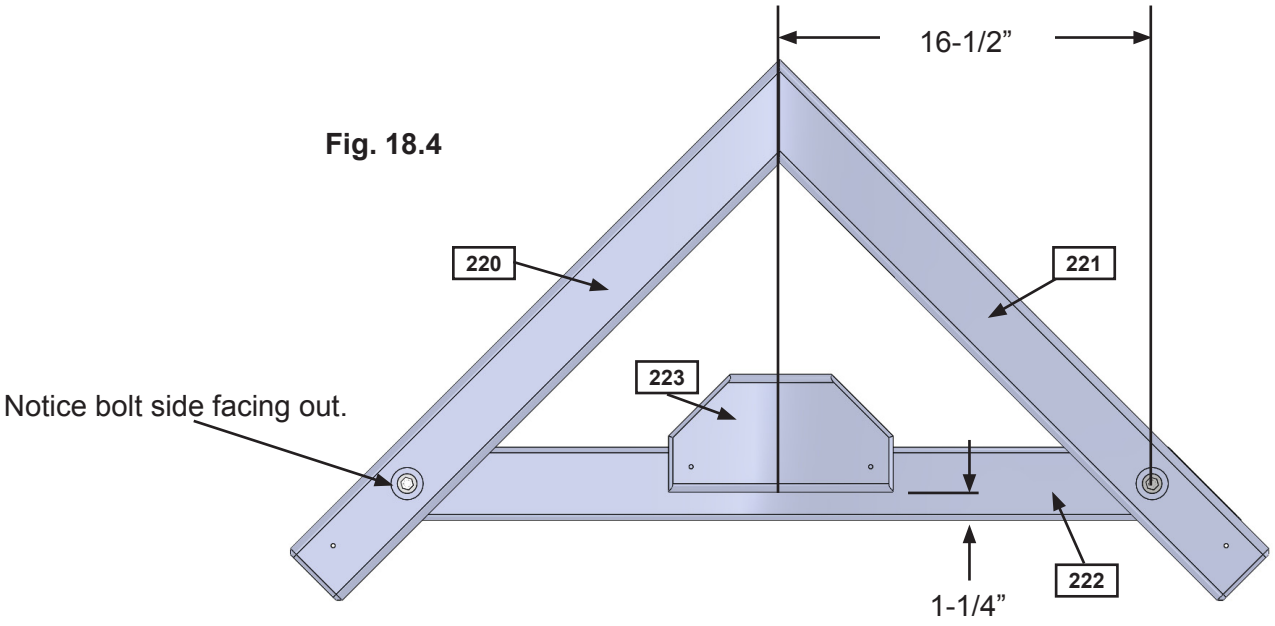
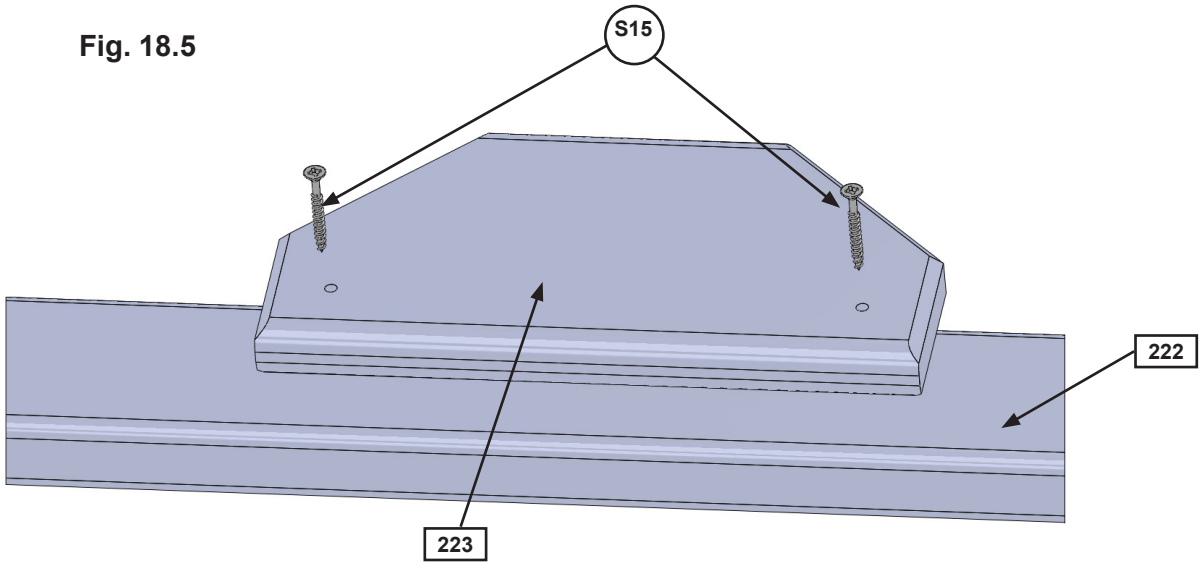


Fig. 18.5



Wood Parts

2 x [223] **Sunburst 5/4 x 6 x 10"**

Hardware

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

Step 18: Roof Support Assembly Part 3

F: Turn the assembly over and place (224) Centre Gable Board on (223) Sunburst, tight to the top of (222) Gable Bottom so the tip is centred at the peak of the Roof Support Assembly. (fig. 18.6)

G: Place 1 (225) Gable Board A tight to each side of (224) Centre Gable Board so they are tight to the top of (222) Gable Bottom. (fig. 18.6)

H: Attach (224) Centre Gable Board, with 4 (S20) #8 x 1-3/8" Wood Screws, and both (225) Gable Board A's, with 3 (S20) #8 x 1-3/8" Wood Screws per board, to (223) Sunburst, (220) Roof Support and (221) Roof Support Left, as shown in fig. 18.7.

Repeat for both assemblies.

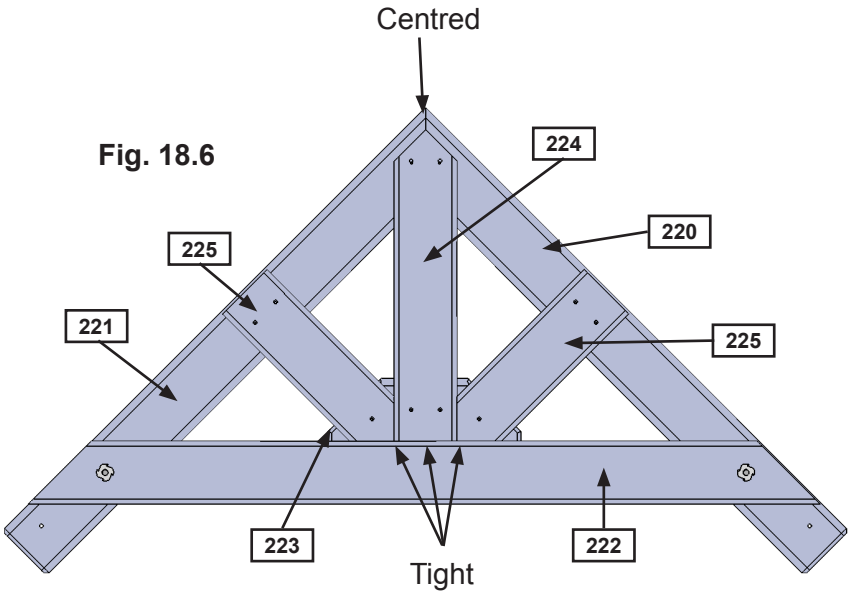


Fig. 18.6

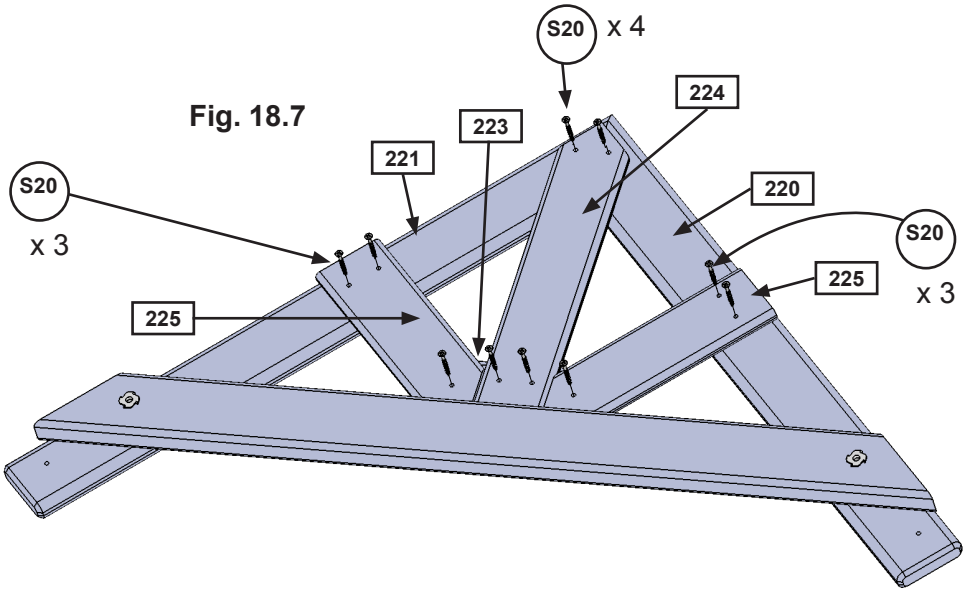


Fig. 18.7

Wood Parts

4 x 225 **Gable Board A 1 x 4 x 10-15/16"**
2 x 224 **Centre Gable Board 1 x 4 x 16-1/8"**

Hardware

20 x S20 **#8 x 1-3/8" Wood Screw**

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Step 19: Roof Assembly
Part 1

A: Fit (230) Front Roof Panel to (231) Back Roof Panel so the back panel overlaps the front and the inside angle is square and tight. Attach panels together with 5 (S15) #8 x 1-3/4" Wood Screws. (fig. 19.1, 19.2 and 19.4)

B: Attach (231) Back Roof Panel to (230) Front Roof Panel with 5 (S15) #8 x 1-3/4" Wood Screws. (fig. 19.3 and 19.4)

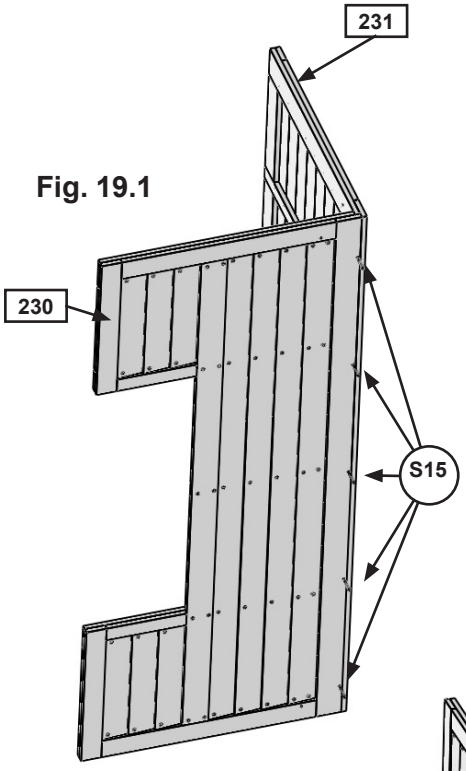

Fig. 19.1

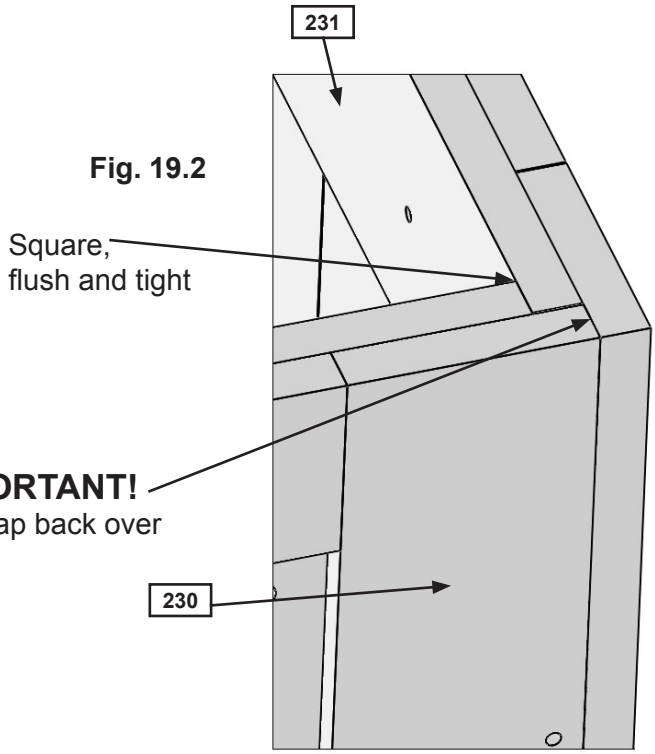

Fig. 19.2

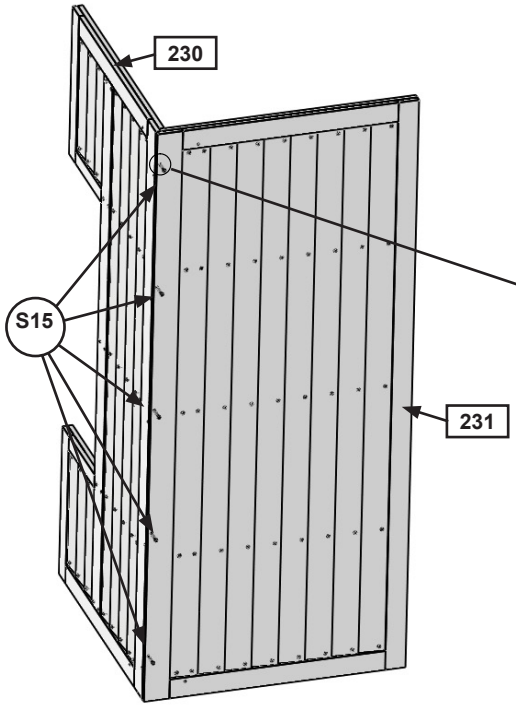

Fig. 19.3

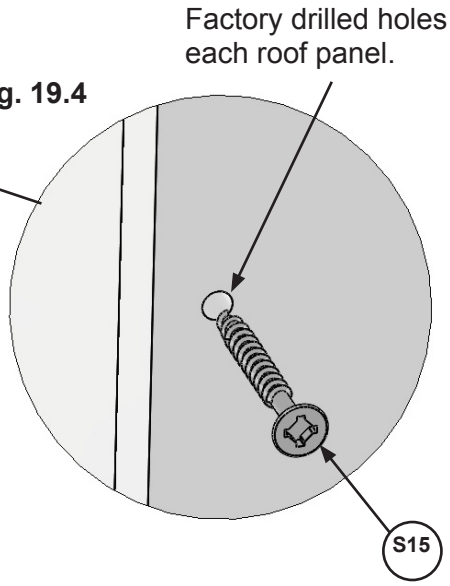

Fig. 19.4

Wood Parts

1 x 230 **Front Roof Panel 1-1/4 x 32-1/8 x 75"**
1 x 231 **Back Roof Panel 1-1/4 x 32-1/8 x 75"**

Hardware

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

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Step 19: Roof Assembly Part 2

C: Fit 1 (232) Transom Side on each side of the gap in (230) Front Roof Panel so the bottom is flush with the bottom of the panel and the notched edge of (232) Transom Side fits tight to the panel, as shown in fig. 19.5 and 19.6.

D: Attach each (232) Transom Side to (230) Front Roof Panel with 2 (S3) #8 x 2-1/2" Wood Screws per board. (fig. 19.5 and 19.7)

Fig. 19.6

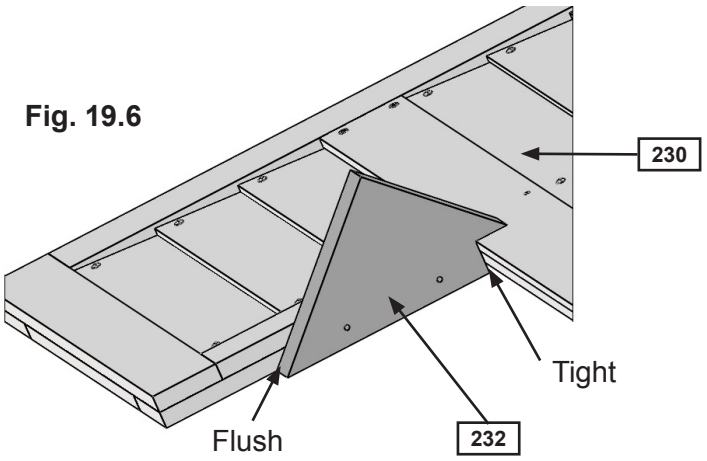


Fig. 19.5

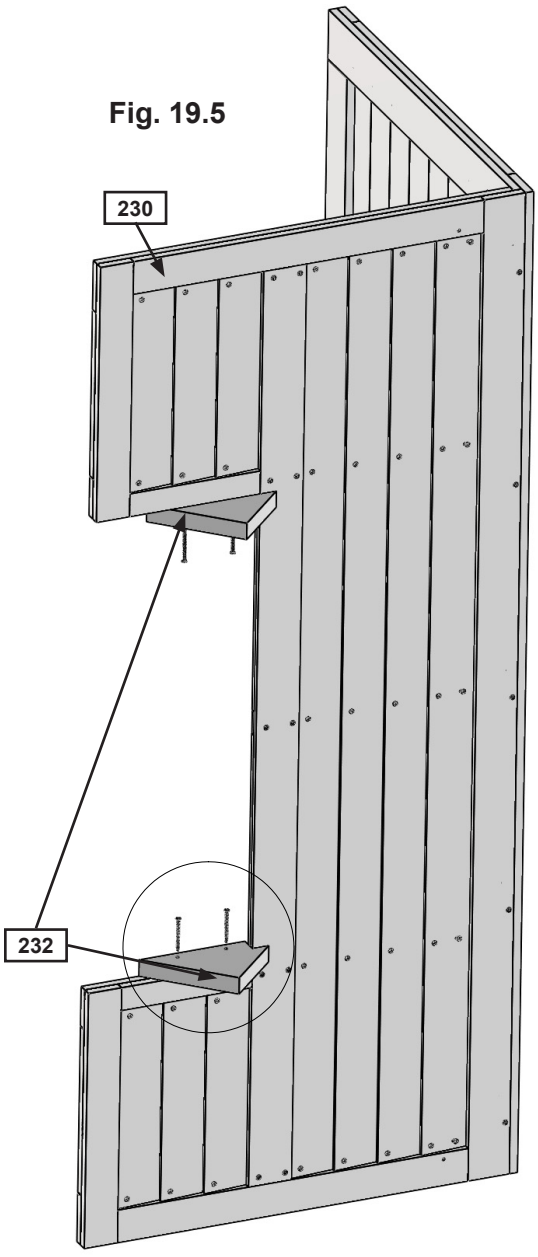
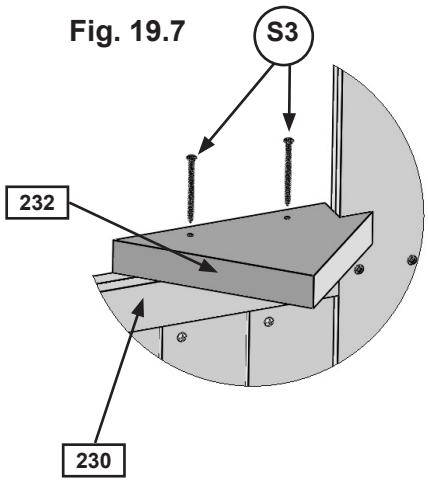


Fig. 19.7



Wood Screw

2 x [232] Transom Side 1-1/4 x 5-1/4 x 9-1/4"

Hardware

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

Step 19: Roof Assembly Part 3

Note: Make sure there is a 1-1/4” gap from the outside edge of each (232) Transom Side to the outside edge of (233) Transom Roof. (fig. 19.9)

E: Attach (233) Transom Roof flush to the outside edge of each (232) Transom Side and to (220) Front Roof Panel with 8 (S15) #8 x 1-3/4” Wood Screws, as shown in fig. 19.8 and 19.9.

Fig. 19.8

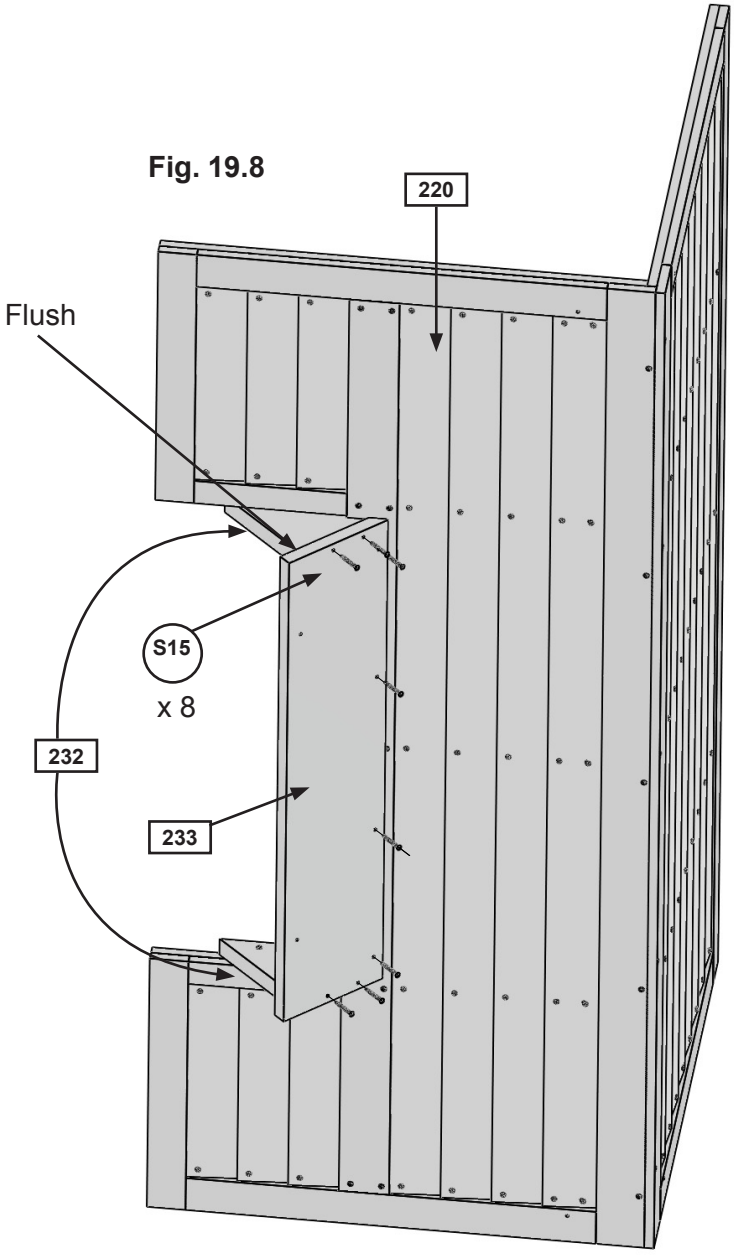
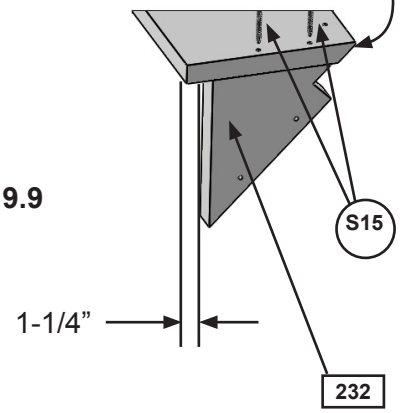


Fig. 19.9



Wood Parts

1 x [233] **Transom Roof 5/4 x 8 x 36”**

Hardware

8 x (S15) **#8 x 1-3/4” Wood Screw**

Step 20: Attach Roof Support Assembly Part 1

A: From the outside, on the Slide Wall Side, attach 1 Roof Support Assembly to the top of (030) Narrow Window Panels with 1 (S3) #8 x 2-1/2" Wood Screw per side. (fig. 20.1 and 20.2)

Note: The long point of (222) Gable Bottom should be flush to the outside face of (030) Narrow Window Panels. (fig. 20.2 and 20.3)

Fig. 20.2

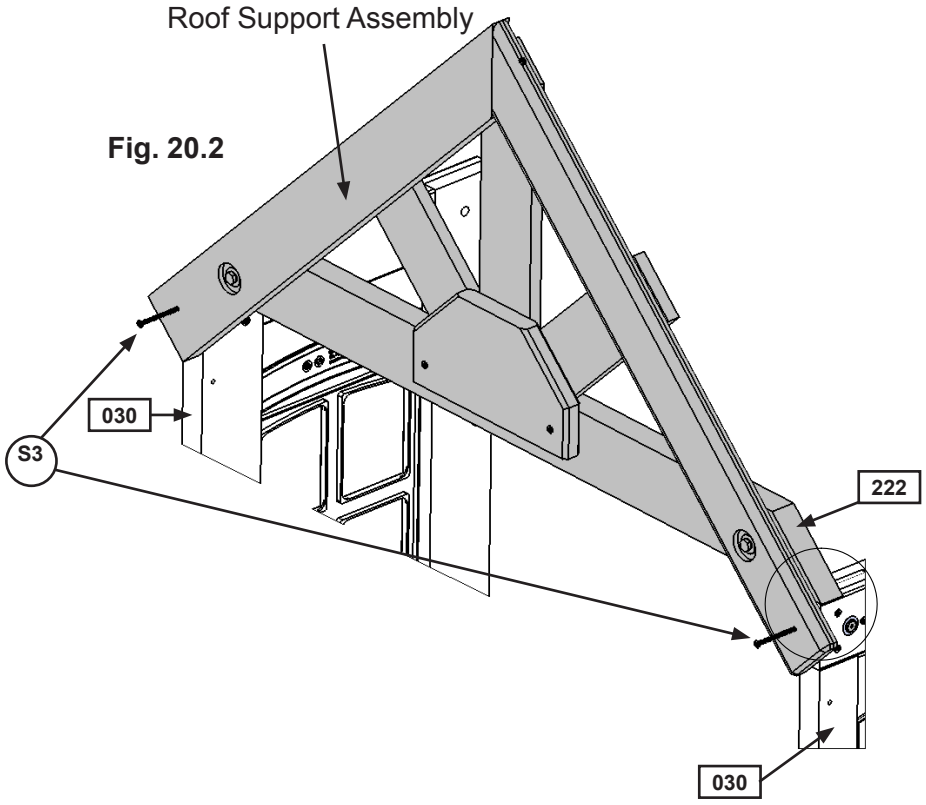


Fig. 20.3

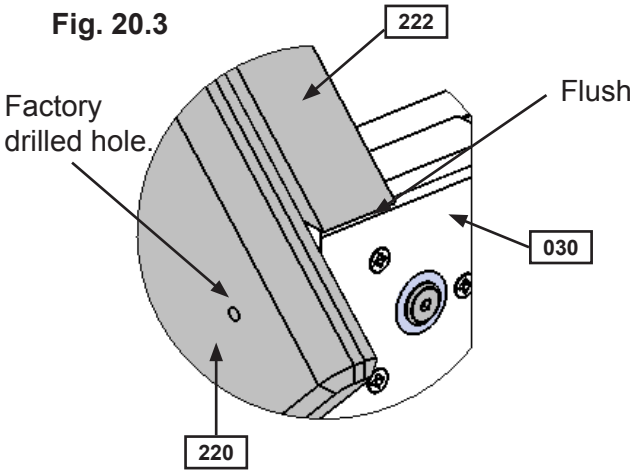
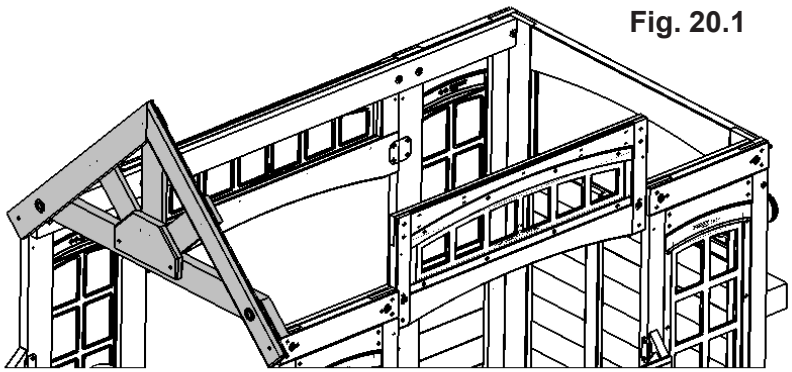


Fig. 20.1



Slide Wall Side

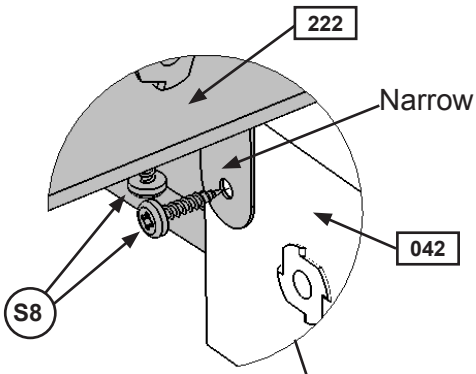
Hardware

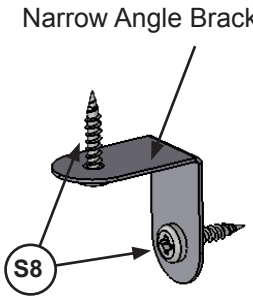
2 x (S3) #8 x 2-1/2" Wood Screw

Step 20: Attach Roof Support Assembly Part 2

B: From inside the assembly, pre-drill with a 1/8” drill bit then attach (222) Gable Bottom to (042) Long Wall Ties using 2 Narrow Angle Brackets with 2 (S8) #12 x 3/4” Pan Screws per bracket. (fig. 20.4 and 20.5)

Fig. 20.5

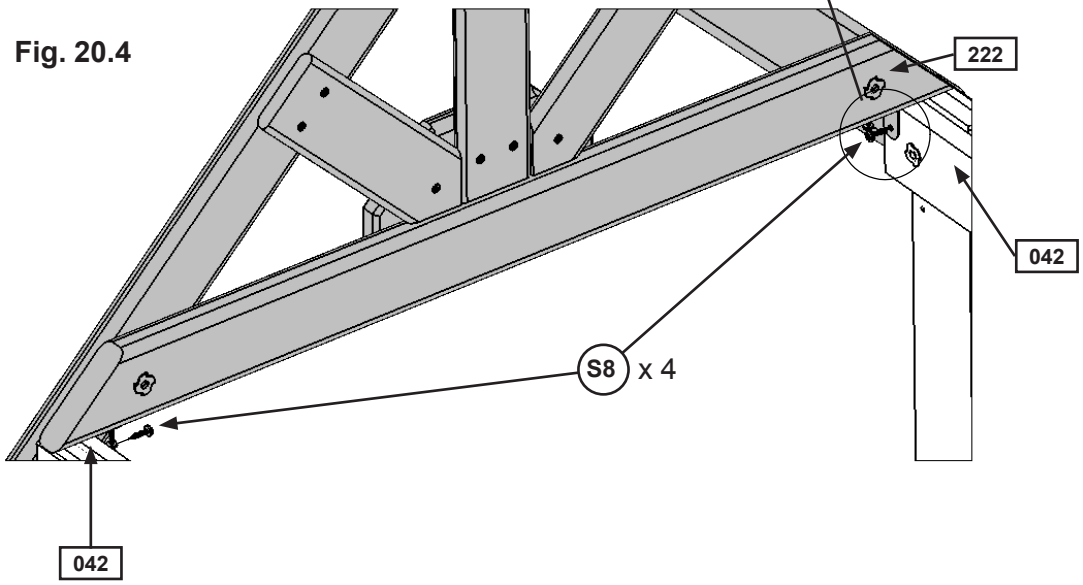




Example of Narrow Angle Bracket with screws

Inside Fort View

Fig. 20.4



Hardware

4 x (S8) #12 x 3/4” Pan Screw

Other Parts

2 x Narrow Angle Bracket

Step 20: Attach Roof Support Assembly Part 3

C: From the outside, on the Swing Side Wall, attach 1 Roof Support Assembly to the top of (030) Narrow Window Panels with 1 (S3) #8 x 2-1/2" Wood Screw per side. (fig. 20.6 and 20.7)

Note: The long point of (222) Gable Bottom should be flush to the outside face of (030) Narrow Window Panels. (fig. 20.6)

Fig. 20.6

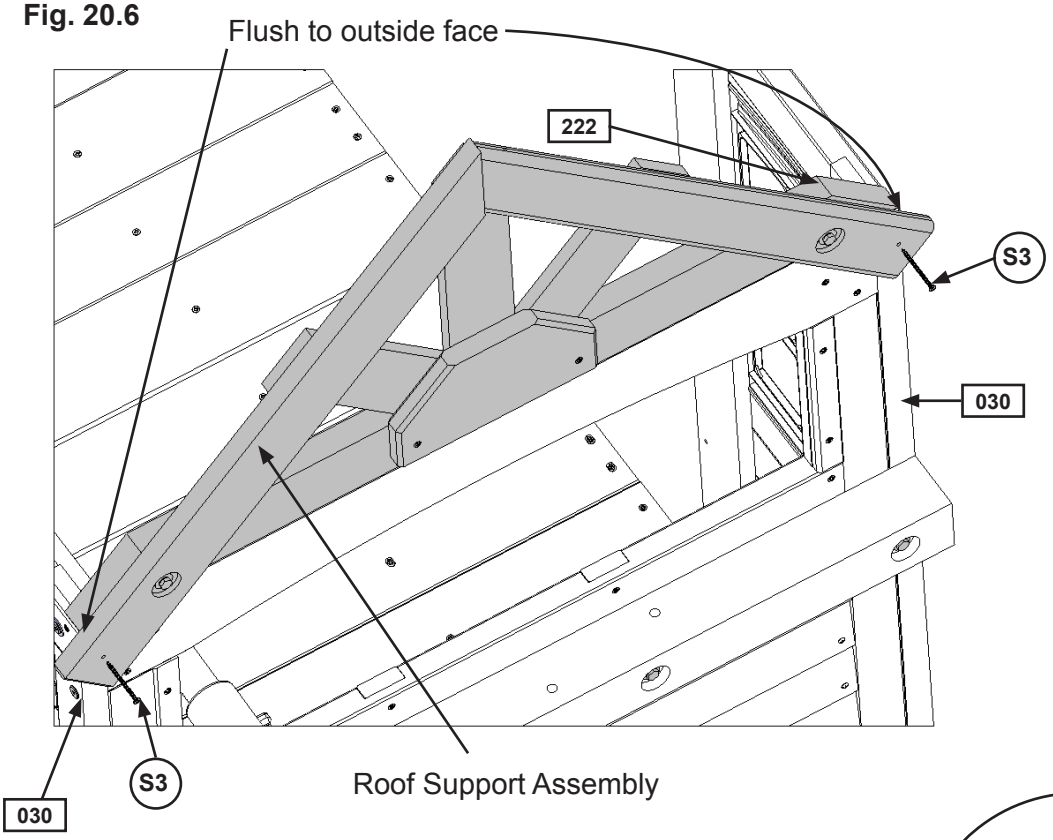
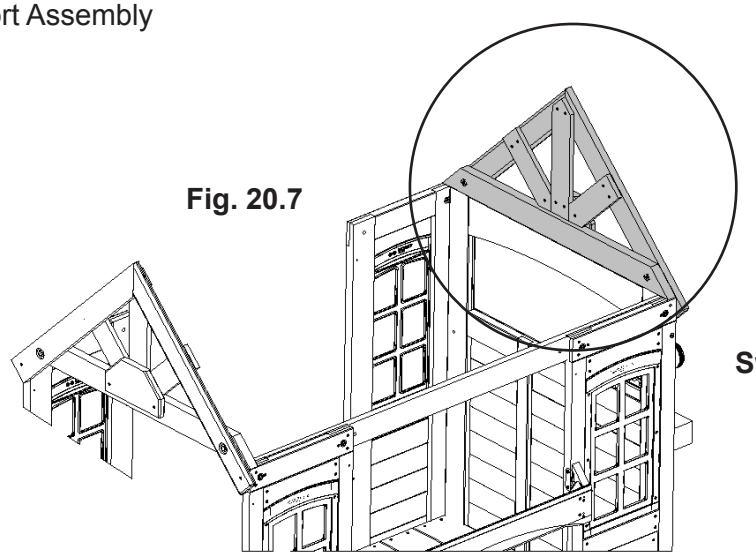


Fig. 20.7



Swing Side Wall

Hardware

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

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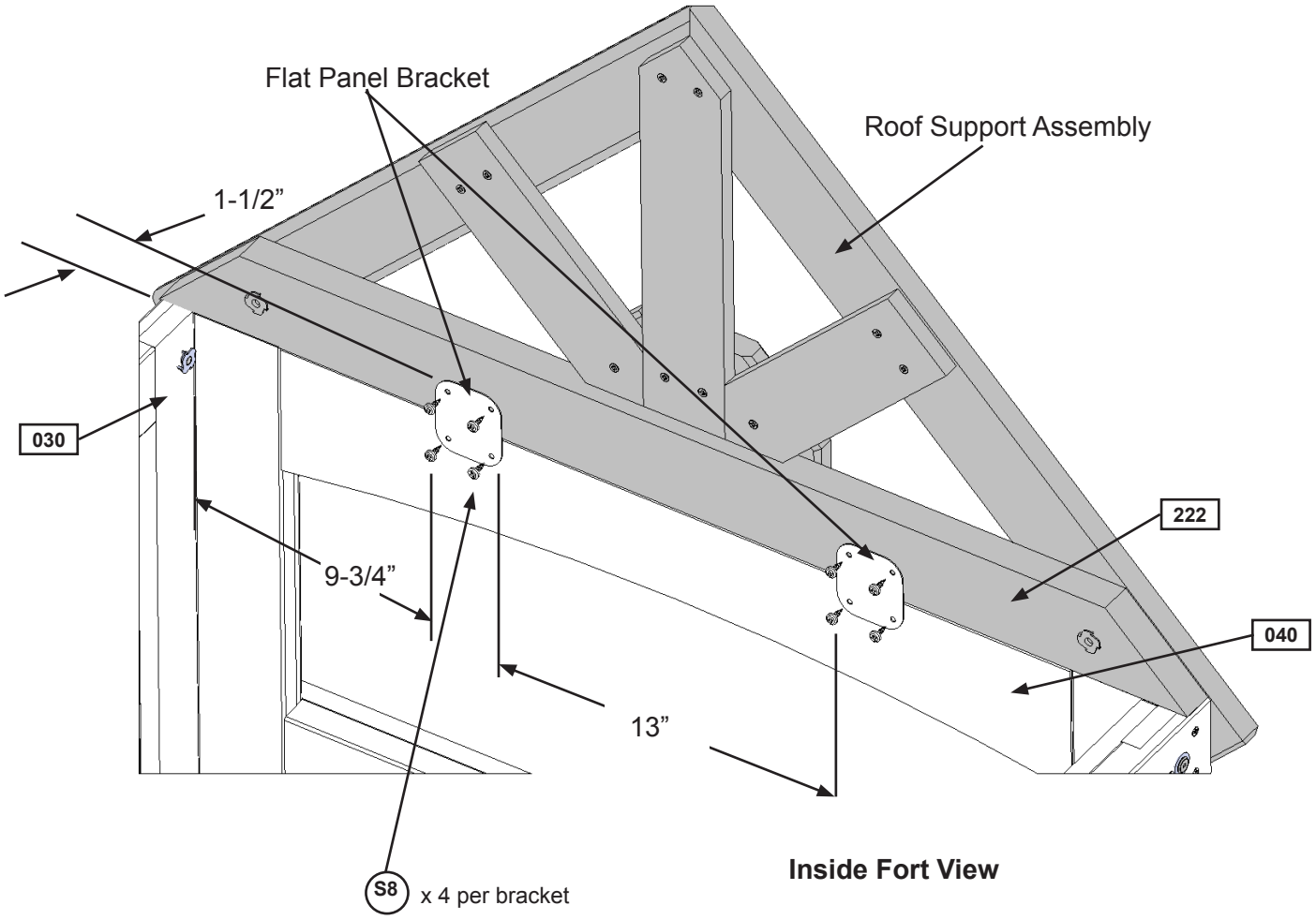
Step 20: Attach Roof Support Assembly Part 4

D: From inside the assembly, measure 9-3/4” from the inside of (030) Narrow Window Panel and place 1 Flat Panel Bracket against (040) SW Side Panel and (222) Gable Bottom. The top of the Flat Panel Bracket should measure 1-1/2” from the bottom of (222) Gable Bottom. Attach Flat Panel Bracket to (040) SW Side Panel and (222) Gable Bottom with 4 (S8) #12 x 3/4” Pan Screws as shown in fig. 20.8.

E: Measure 13” from the first Flat Panel Bracket and place a second Flat Panel Bracket against (040) SW Side Panel and (222) Gable Bottom. The top of the Flat Panel Bracket should measure 1-1/2” from the bottom of (222) Gable Bottom. Attach Flat Panel Bracket to (040) SW Side Panel and (222) Gable Bottom with 4 (S8) #12 x 3/4” Pan Screws as shown in fig. 20.8.

Fig. 20.8



Inside Fort View

Hardware

8 x (S8) #12 x 3/4” Pan Screw

Other Parts

2 x Flat Panel Bracket

Step 21: Attach Roof Assembly to Fort
Part 1

A: With 2 people on the ground and at least 1 person in the fort, lift the Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so it aligns with (061) Transom Panel Front. (fig. 21.1)

B: Using the factory drilled holes as guides, attach (061) Transom Panel Front to (232) Transom Sides with 2 (S3) #8 x 2-1/2" Wood Screws then attach (233) Transom Roof to (061) Transom Panel Front with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 21.2)

Fig. 21.1

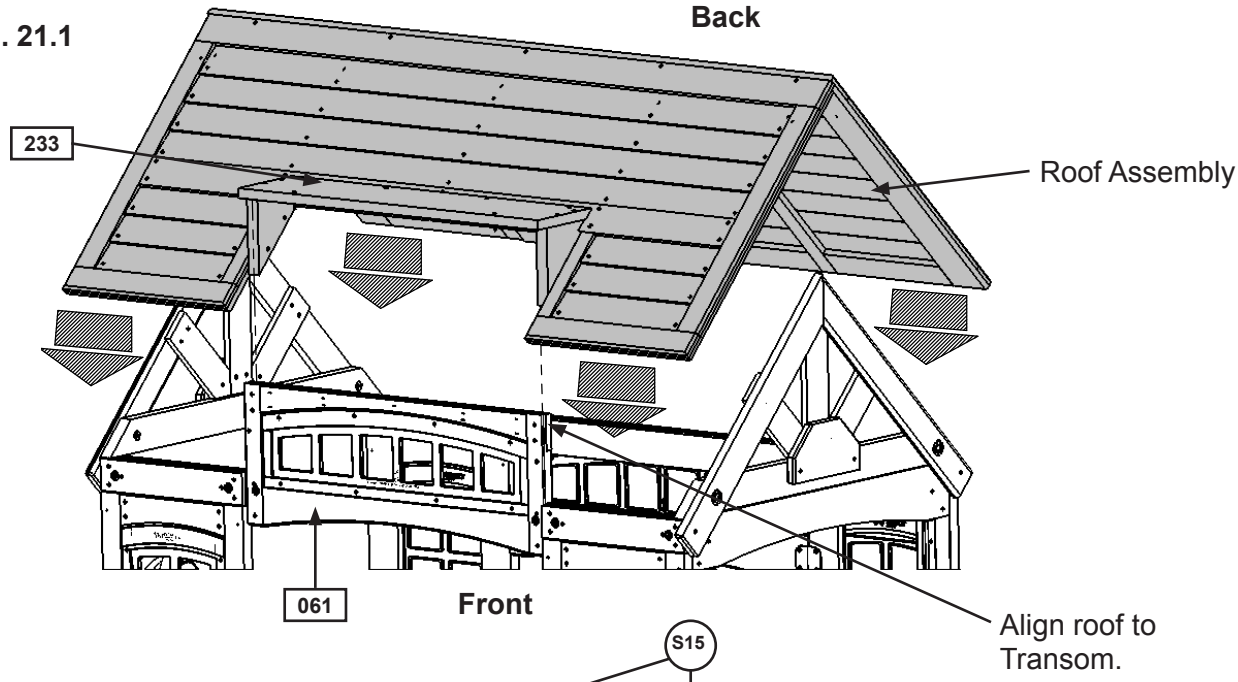
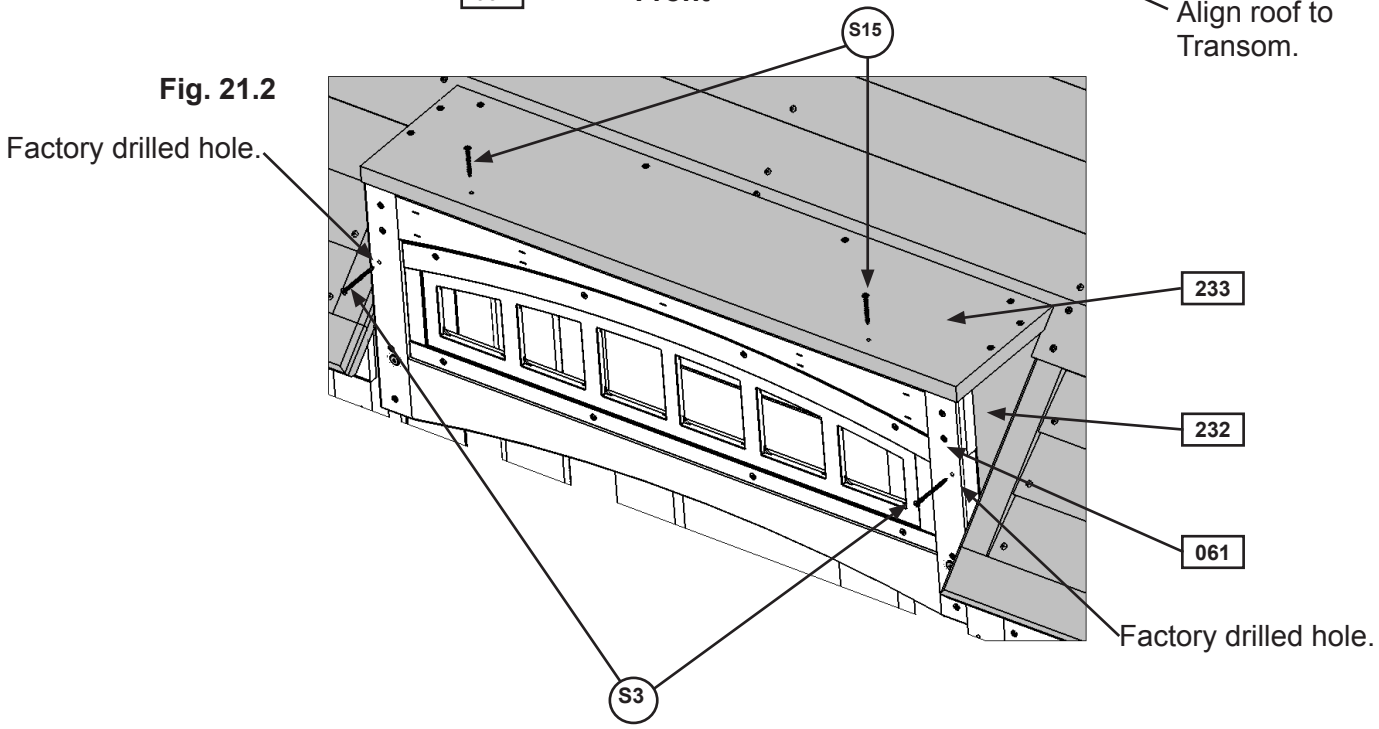


Fig. 21.2



Hardware

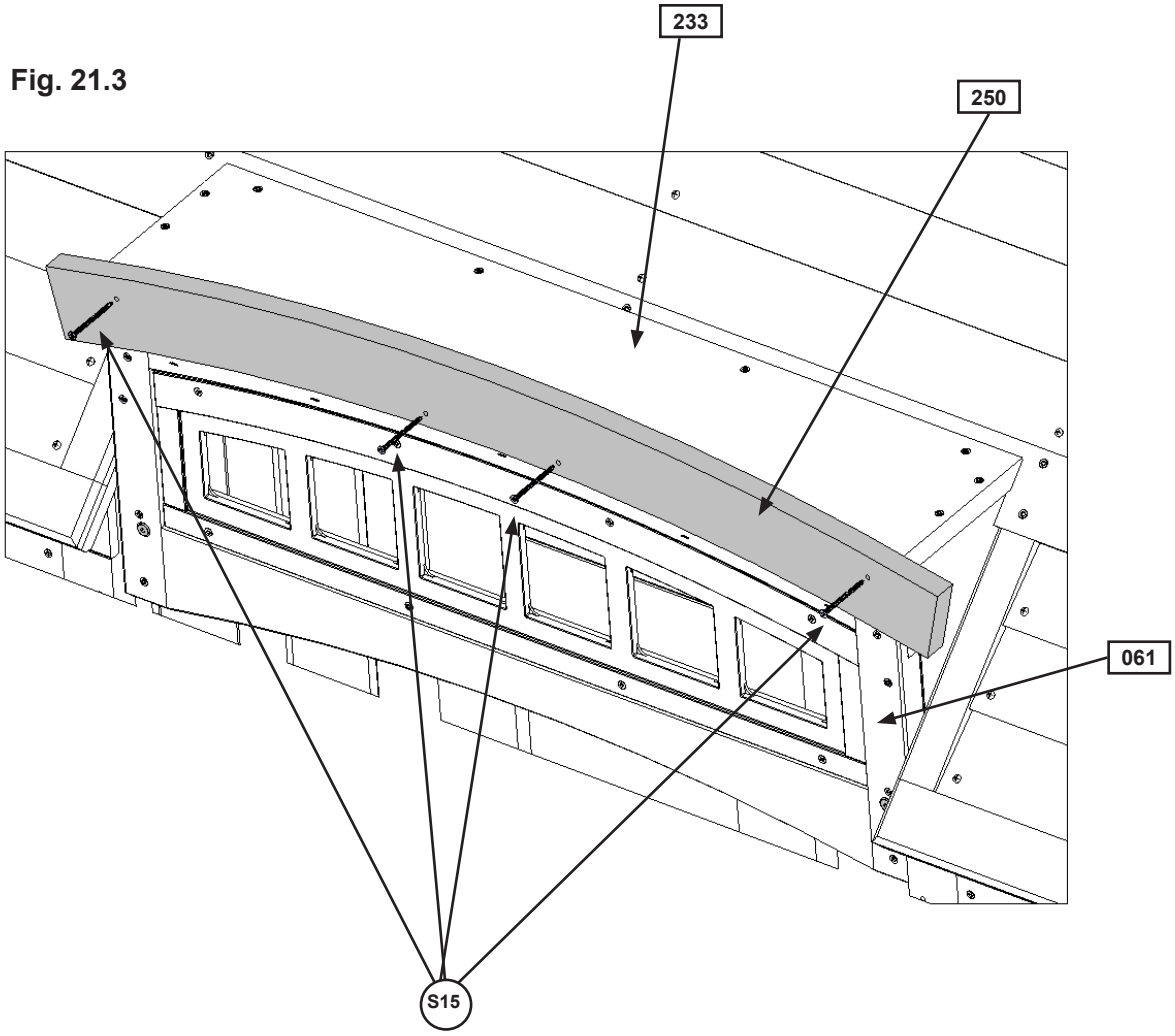
2 x (S15) #8 x 1-3/4" Wood Screw

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

Step 21: Attach Roof Assembly to Fort
Part 2

C: Attach (250) Trim Arch to (233) Transom Roof with 4 (S15) #8 x 1-3/4” Wood Screws. (fig. 21.3)

Fig. 21.3



Wood Parts

1 x [250] Trim Arch 5/4 x 6 x 40-3/8”

Hardware

4 x (S15) #8 x 1-3/4” Wood Screw

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Step 21: Attach Roof Assembly to Fort Part 3

D: Make sure the Roof Assembly lays flat on each Roof Support Assembly and it overhangs both Roof Support Assemblies by 1-1/2". (fig. 21.4)

E: Using the factory drilled holes as a guide attach the Roof Assembly to the centre of the Roof Support Assemblies with 2 (S3) #8 x 2-1/2" Wood Screws per side, as shown in fig. 21.5 and 21.6.

Fig. 21.4

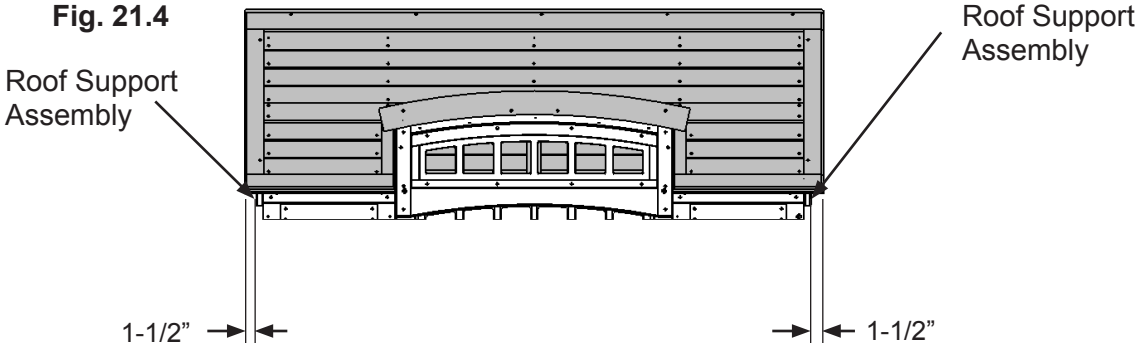


Fig. 21.5

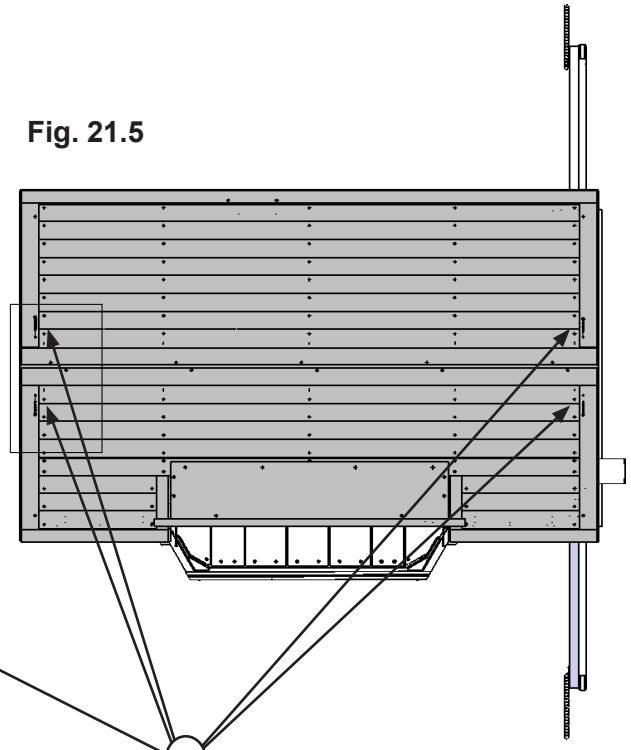
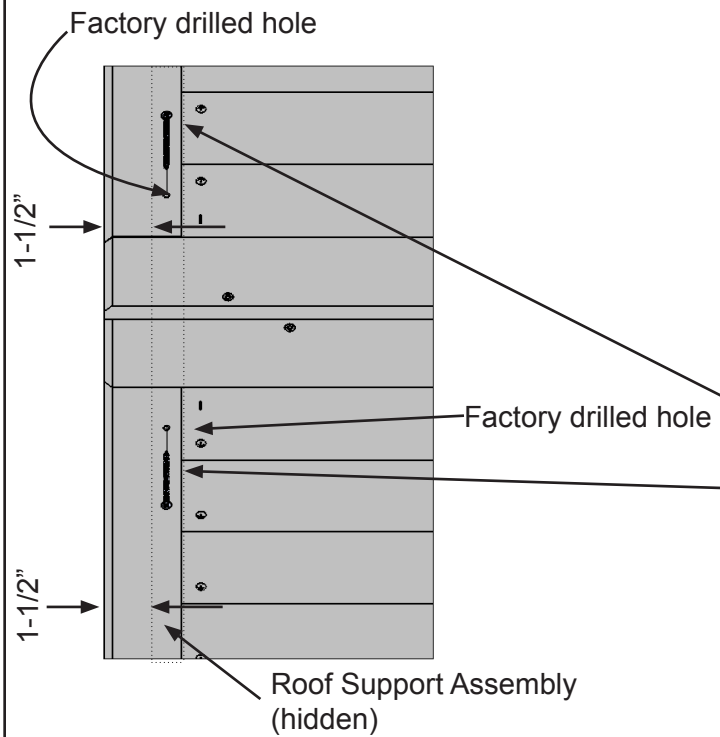


Fig. 21.6



Hardware

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

Step 21: Attach Roof Assembly to Fort Part 4

F: At each corner of the Roof Assembly, measure 5” up from the bottom and pre-drill pilot holes into the centre of the Roof Support Assemblies with a 1/8” drill bit. (fig. 21.7)

G: Attach the Roof Assembly to the Roof Support Assemblies with 2 (S3) #8 x 2-1/2” Wood Screws per side, as shown in fig. 21.7.

H: On the Back side of the fort, pre-drill pilot holes into the Roof Assembly, 3” on either side of the middle roof screw and 1-1/2” up from the bottom of the assembly as shown in fig. 21.8 and 21.9. Make sure to pre-drill into (150) Roof Gusset which is behind the Roof Assembly. Attach Roof Assembly to (150) Roof Gusset with 2 (S3) #8 x 2-1/2” Wood Screws. (fig. 21.9)

Fig. 21.7

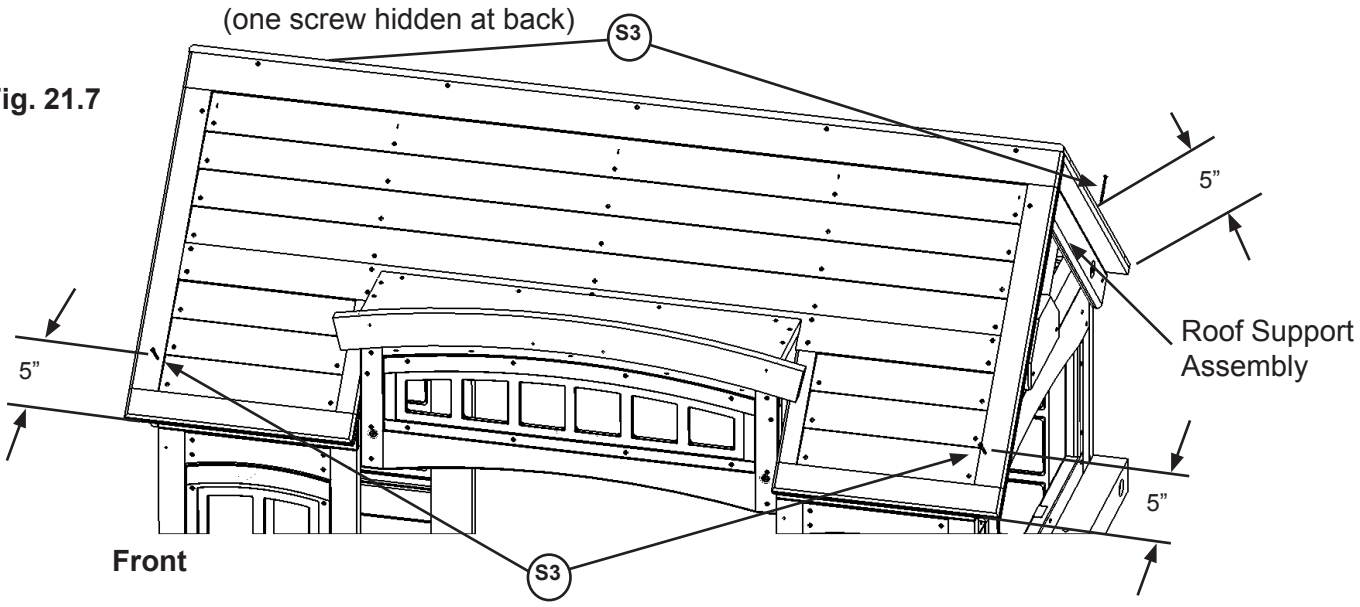


Fig. 21.8

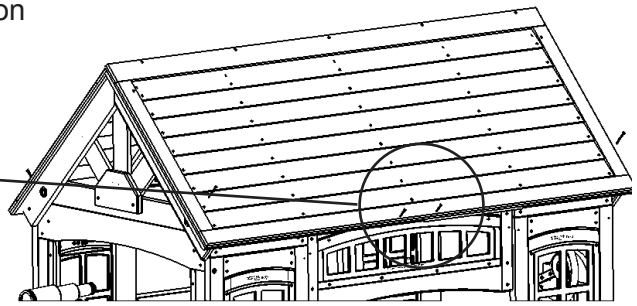
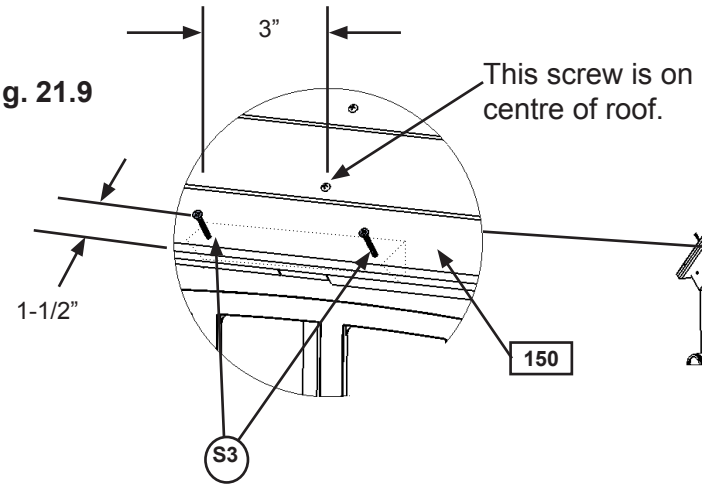


Fig. 21.9



Hardware

6 x (S3) #8 x 2-1/2” Wood Screw

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Step 22: Attach Heavy T-Bracket to Fort

A: Attach Heavy T-Bracket to (113) SW Wall using 2 (WB7) 5/16 x 3” Wafer Bolts (with flat washer and t-nut). (fig. 22.1 and 22.2)

Fig. 22.1

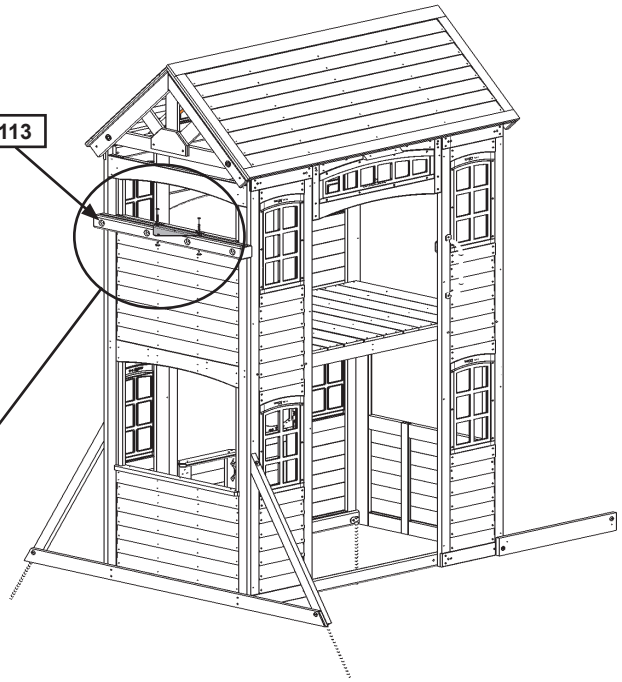
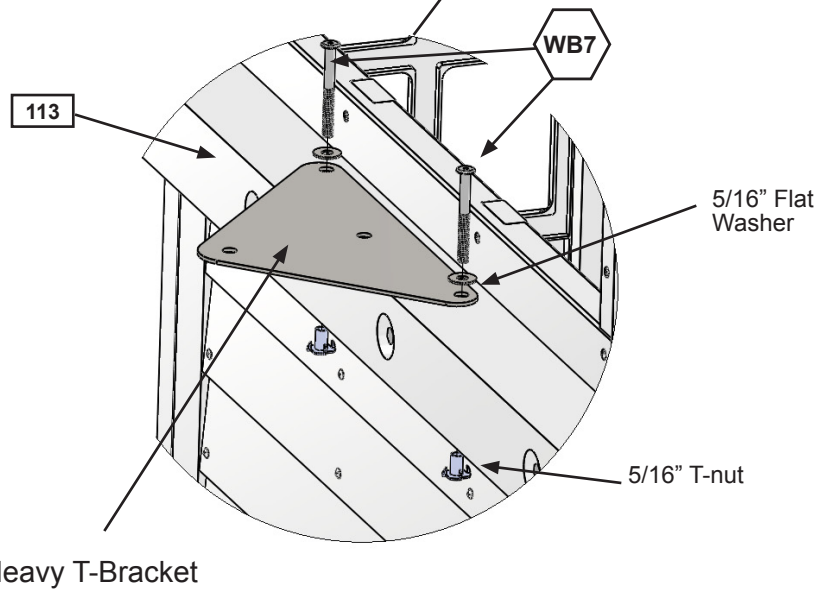


Fig. 22.2



Hardware

2 x WB7 **5/16 x 3” Wafer Bolt (5/16” flat washer, 5/16” t-nut)**

Other Parts

1 x Heavy T-Bracket

Step 23: Swing Beam Assembly

A: Attach 6 Heavy Duty Swing Hangers to (270) Engineered SW Beam using 2 (G13) 5/16 x 6-1/8" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) per swing hanger, as shown in fig. 23.1.

B: Attach 1 Quick Clip to each Heavy Duty Swing Hanger. (fig. 23.2)

Fig. 23.2

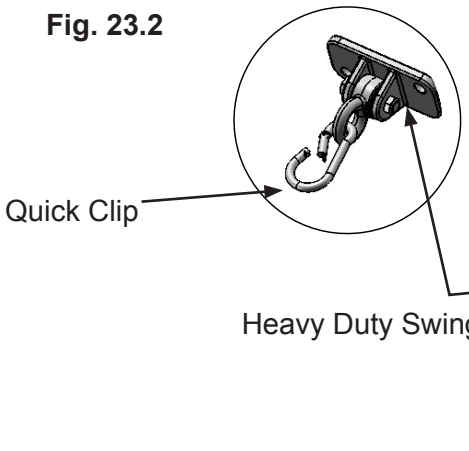
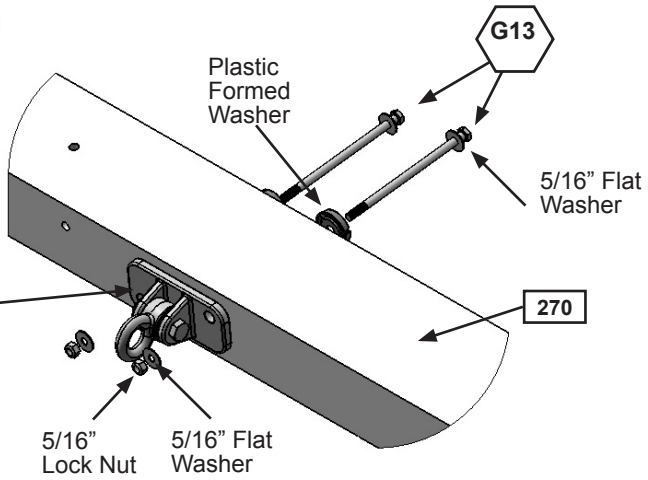


Fig. 23.1



C: Install 4 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in (270) Engineered SW Beam, as shown in fig. 23.3 and 23.4. A Wafer Bolt does not get installed on the Swing Side of the beam.

IMPORTANT! MAKE SURE ALL 4 BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.

Fig. 23.3

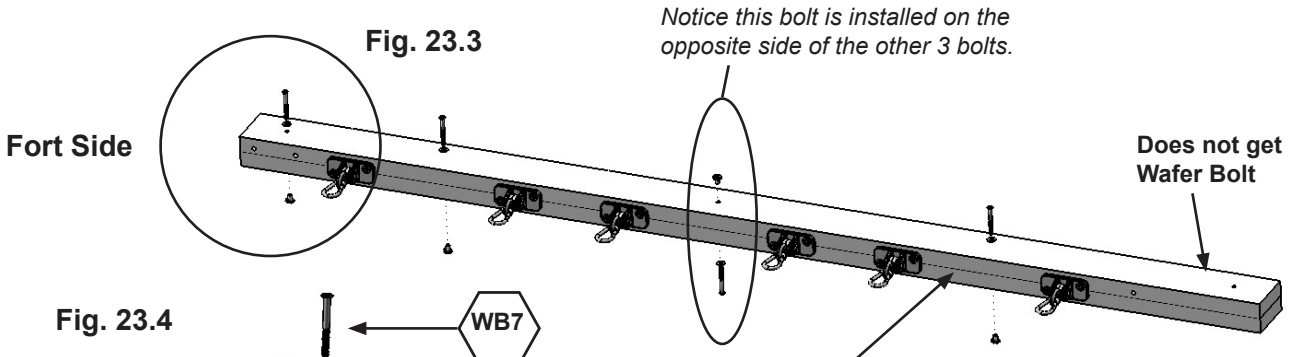
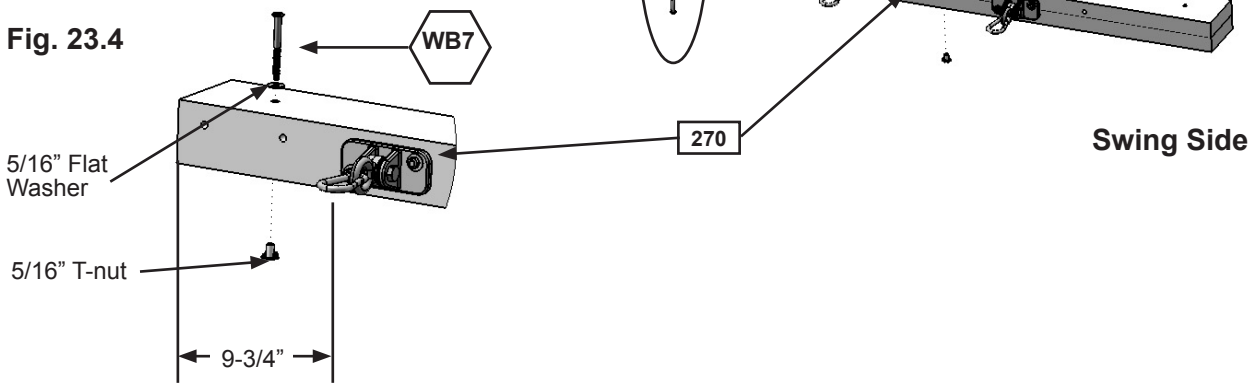


Fig. 23.4



Wood Parts

1 x 270 **Engineered SW Beam 3 x 5-1/4 x 110"**

Hardware

12 x G13 **5/16 x 6-1/8" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut & plastic formed washer)**

4 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Other Parts

6 x Heavy Duty Swing Hangers

6 x Quick Clips

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Step 24: Swing Post Assembly Part 1

Note: Keep all bolts from Step 24 series loose until start of Step 26

A: Place (280) SW Block Angle on top of (281) Block SW and attach 2 Heavy L-Brackets on top of (280) SW Block Angle feeding 2 (G17) 3/8 x 6" Hex Bolts (with 2 flat washers, plastic formed washer and lock nut) through both boards as shown in fig. 24.1 and 24.2.

B: Attach 3 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) to all three holes in each (282) SW Post as shown in fig. 24.3 and 24.4. **IMPORTANT! MAKE SURE ALL 6 BOLTS ARE ATTACHED TO MINIMIZE CHECKING OF WOOD.**

C: Place (280) SW Block Angle & (281) Block SW assembly in between 2 (282) SW Post (Heavy L-Brackets towards the outside). Place 1 Heavy G-Bracket on the top (282) SW Post and attach with (G26) 3/8 x 9-1/4" Hex Bolt (with 2 flat washers and 1 lock nut), as shown in fig. 24.5.

Fig. 24.1

Bottom View

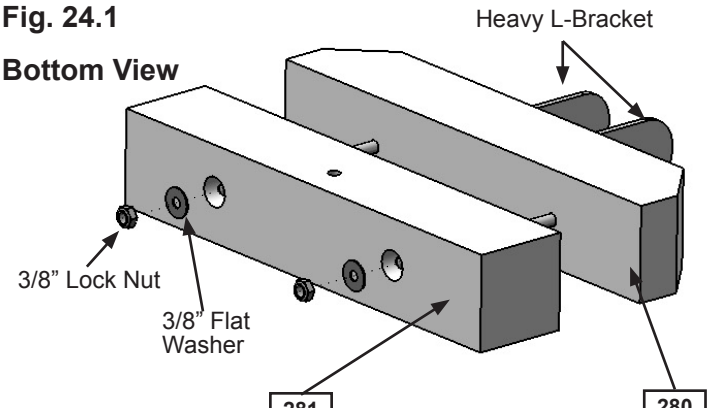


Fig. 24.2

Top View

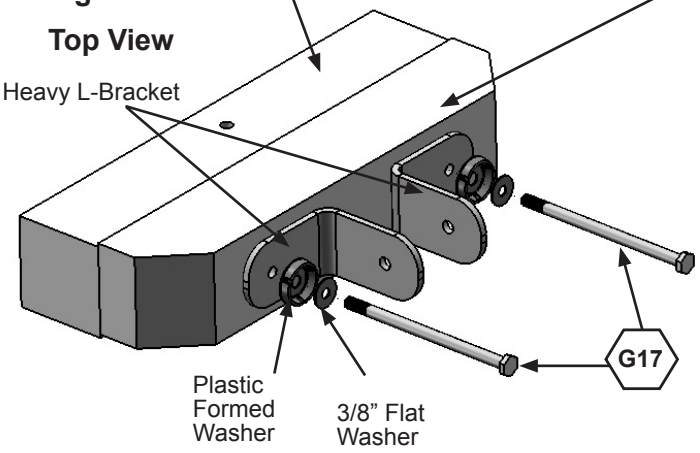


Fig. 24.3

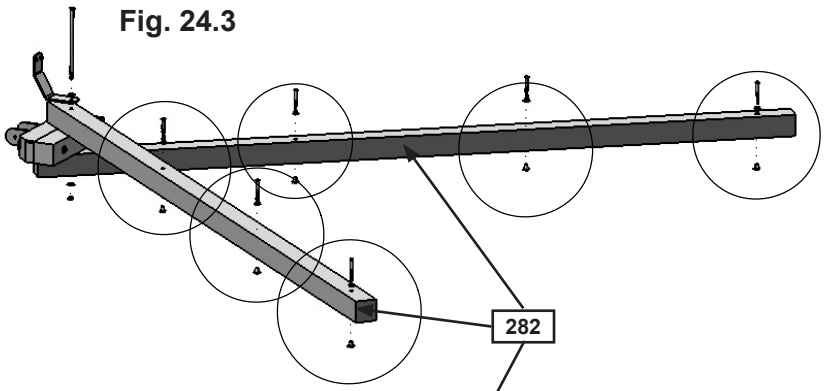


Fig. 24.4

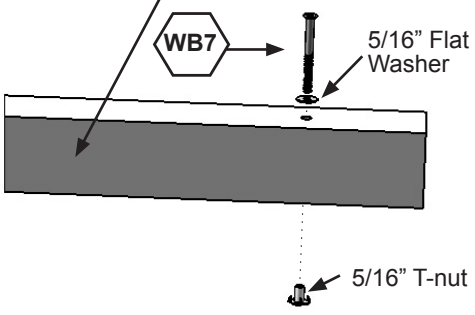
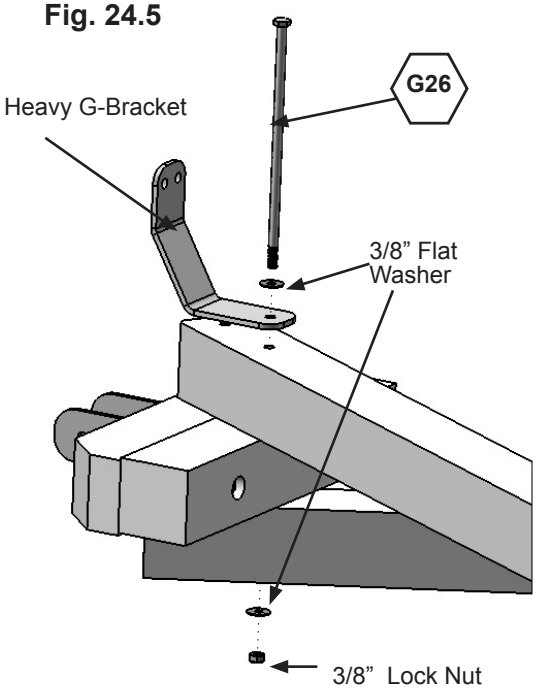


Fig. 24.5



Wood Parts

- 1 x 280 SW Block Angle FSC 2-1/2 x 3 x 15"
- 1 x 281 Block SW FSC 2-1/2 x 3 x 15"
- 2 x 282 SW Post FSC 4 x 4 x 105"

Hardware

- 2 x G17 3/8 x 6" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)
- 1 x G26 3/8 x 9-1/4" Hex Bolt (3/8" flat washer x 2 & 3/8" lock nut)
- 6 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

Other Parts

- 2 x Heavy L-Bracket
- 1 x Heavy G-Bracket

Step 24: Swing Post Assembly Part 2

D: Attach Cedar Summit plaque to centre of (270) Engineered SW Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 24.6)

E: Place (270) Engineered SW Beam on the Heavy T-Bracket and attach to fort with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) and 1 (G18) 3/8 x 9" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) as shown in fig. 24.7 and 24.8.

F: Place (270) Engineered SW Beam (end without Wafer Bolt from Step 24) in between Heavy L-Brackets assembled in Step A making sure holes are lined up then attach Swing Post Assembly to Swing Beam Assembly using 1 (G20) 3/8 x 4" Hex Bolt (with 2 flat washers and lock nut) through Heavy L-Bracket. (fig. 24.9)

G: Attach (270) Engineered SW Beam to Heavy G-Bracket with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut). (fig. 24.9)

Fig. 24.7

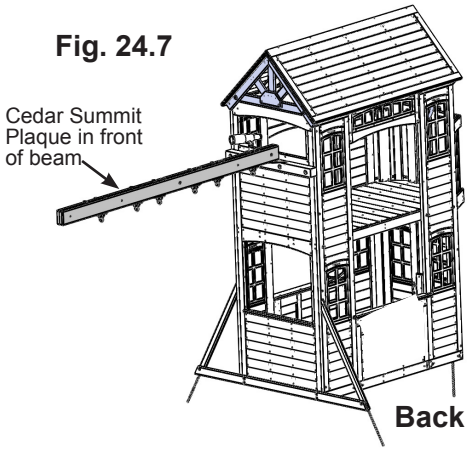


Fig. 24.8

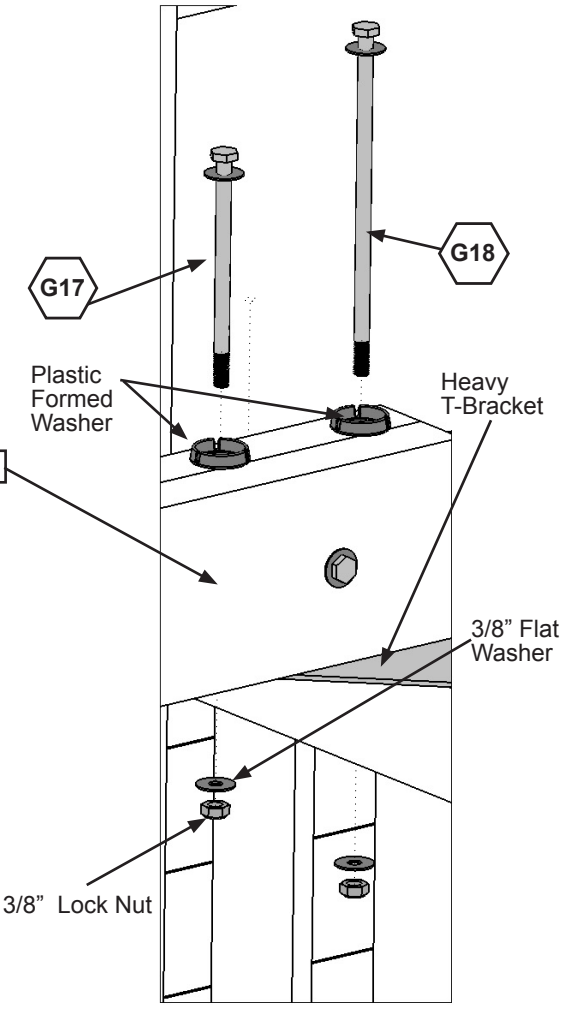


Fig. 24.6 Front View

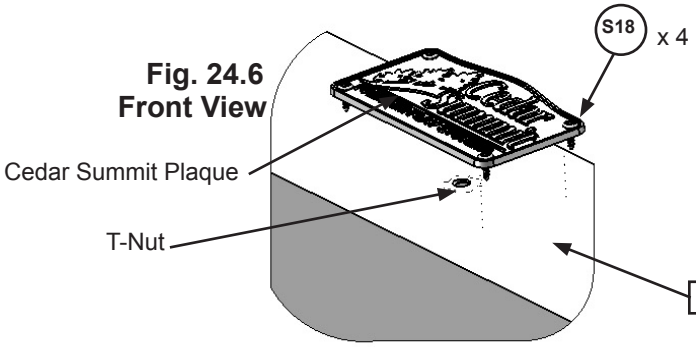
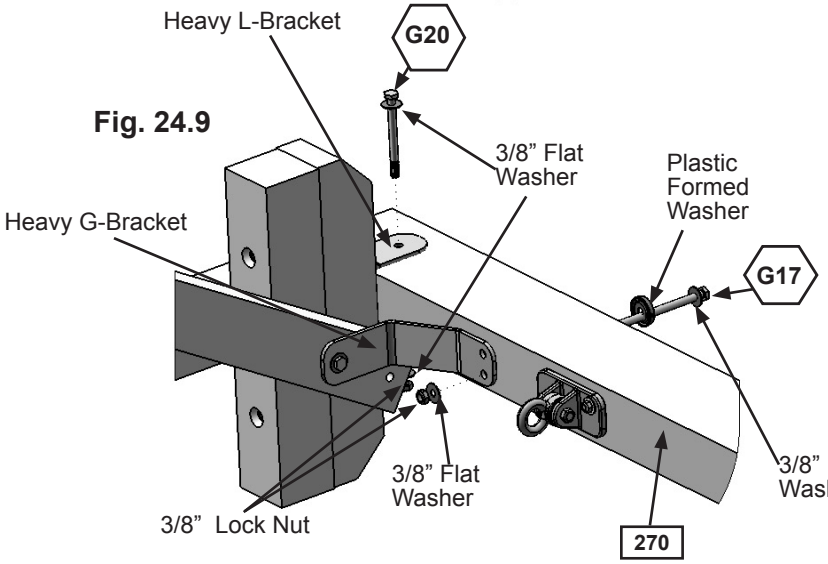


Fig. 24.9



Hardware

- 4 x (S18) **#6 x 1" Wood Screw**
- 1 x (G20) **3/8 x 4" Hex Bolt (3/8" flat washer x 2 & 3/8" lock nut)**
- 2 x (G17) **3/8 x 6" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)**
- 1 x (G18) **3/8 x 9" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)**

Other Parts

- **1 x Cedar Summit plaque**

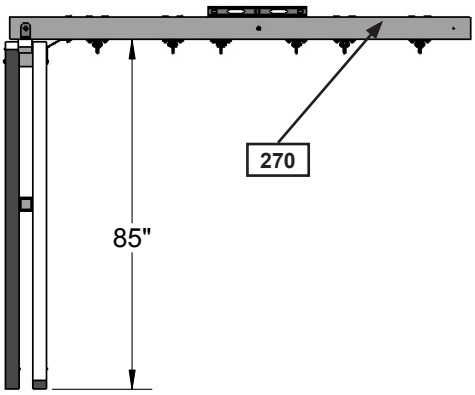
Step 25: Attach Cross Support

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

A: Check to make sure the (270) Engineered SW Beam is level and the bottom of the beam to the ground measures 85". (fig. 25.1)

B: To adjust for uneven ground, raise or lower the (290) Support Cross on the (282) SW Post. Make sure the Support Cross is level prior to attaching with the lag screws. (fig. 25.2)

Fig. 25.1



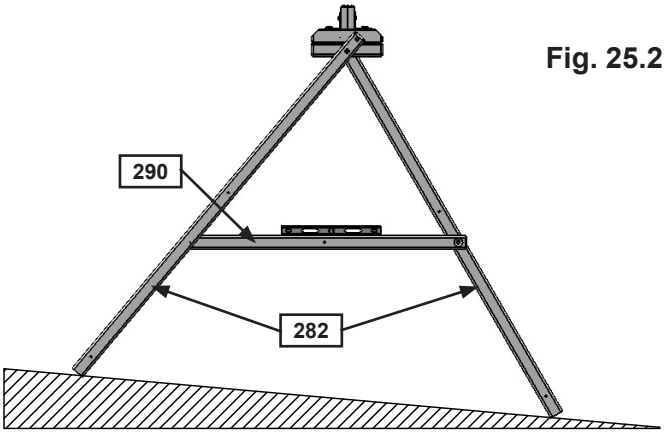
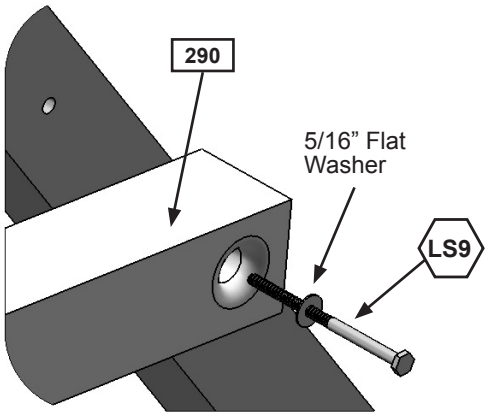


Fig. 25.2

C: Place (290) Support Cross between (282) SW Post at the previously determined spot and fasten with 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) per side. (fig. 25.3 and 25.4) **Notice one side is fastened on the outside and one on the inside. It is important that each side is positioned exactly the same as the diagram. (fig. 25.3 and 25.4) Tighten the lag screw when you are sure (290) Support Cross is level.**

D: Attach 1 (WB8) 5/16 x 2-3/8" Wafer Bolt (with flat washer and t-nut) to (290) Support Cross through the middle hole. (fig. 25.3) **IMPORTANT! MAKE SURE THE BOLT IS ATTACHED TO MINIMIZE CHECKING OF WOOD.**

Fig. 25.4



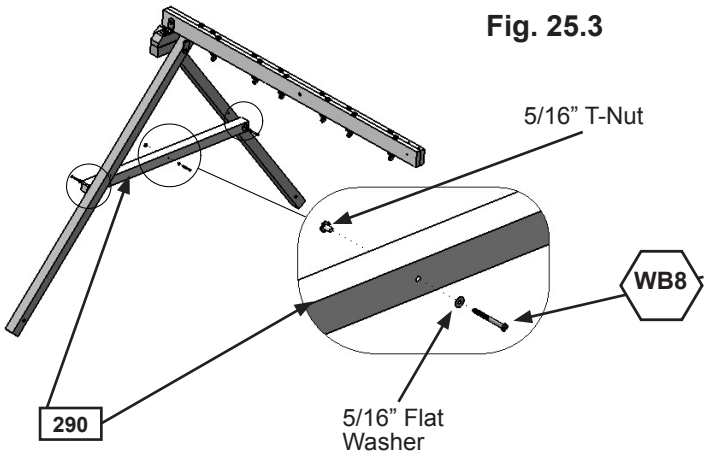


Fig. 25.3

Wood Parts

1 x 290 **Support Cross FSC 2-1/2 x 3 x 64"**

Hardware

2 x LS9 **5/16 x 4-3/4" Lag Screw (5/16" flat washer)**

1 x WB8 **5/16 x 2-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Step 26: Final Swing Post Assembly

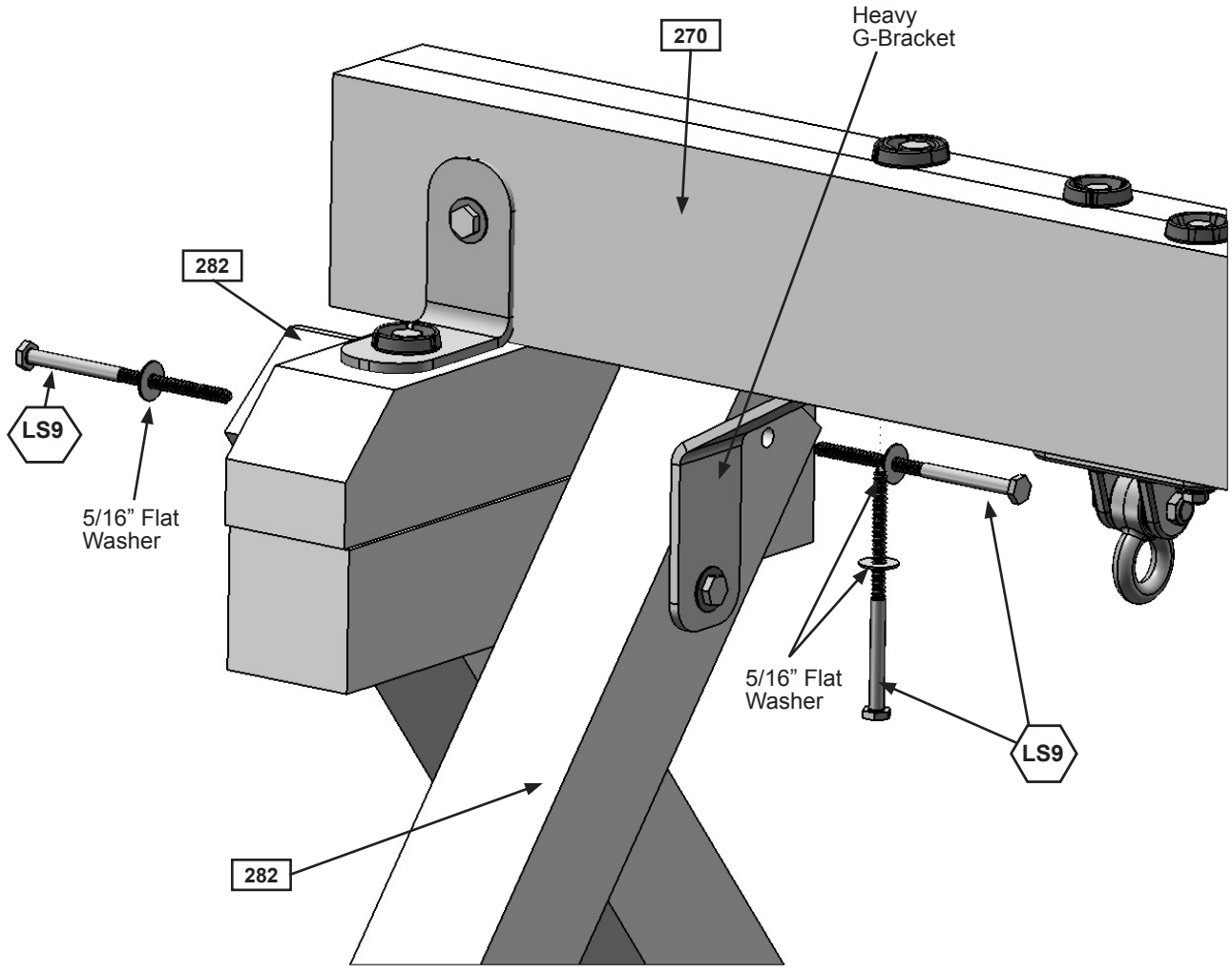
Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

Note: Tighten all bolts from Step 24 series before installing lag screws.

A: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into each (282) SW Post, as shown in fig. 26.1.

B: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into remaining hole of the Heavy G-Bracket into (270) Engineered SW Beam. (fig. 26.1)

Fig. 26.1



Hardware

3 x LS9 5/16 x 4-3/4" Lag Screw (5/16" flat washer)

Step 27: 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. 27.1 and 27.2).

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. 27.2 and 27.3)

C: Attach the other end of the swing chains to the Quick Clips attached to the swing hangers. (fig. 27.1)

Fig. 27.1

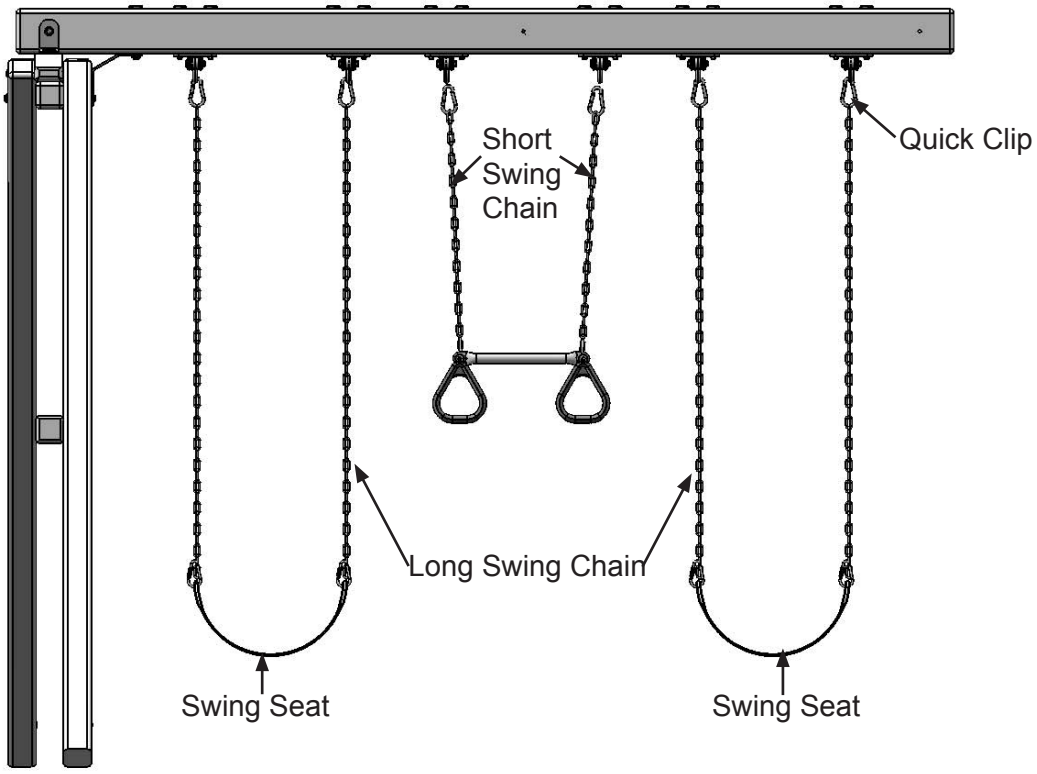


Fig. 27.2

Threaded Clips attach to seat and Acro bar.

Tighten Clip using adjustable wrench

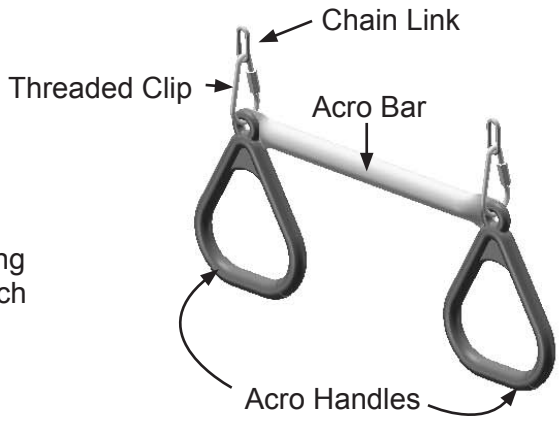


Fig. 27.3

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

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Step 28: Attach Swing End Ground Stakes

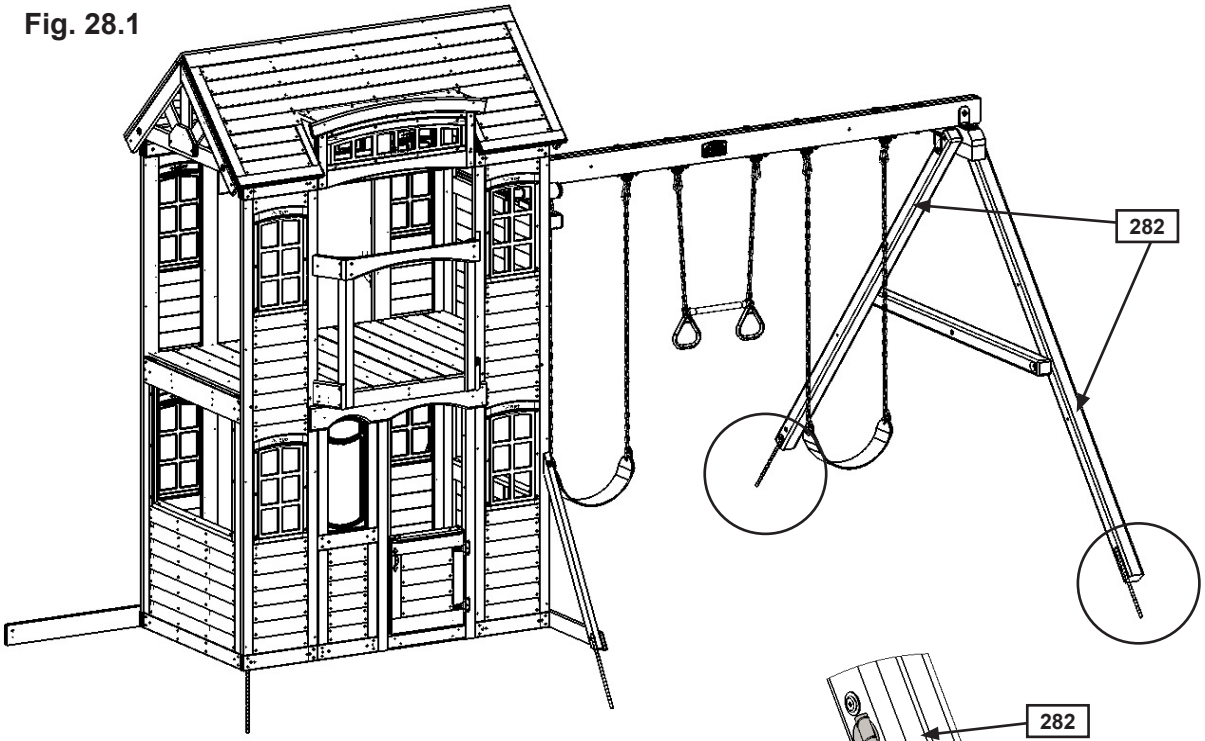
A: In the 2 places shown in fig. 28.1 drive the Rebar Ground Stakes 13” into the ground against the boards. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes to (282) SW Posts using 1 (S7) #12 x 2” Pan Screw per ground stake 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 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. 28.1



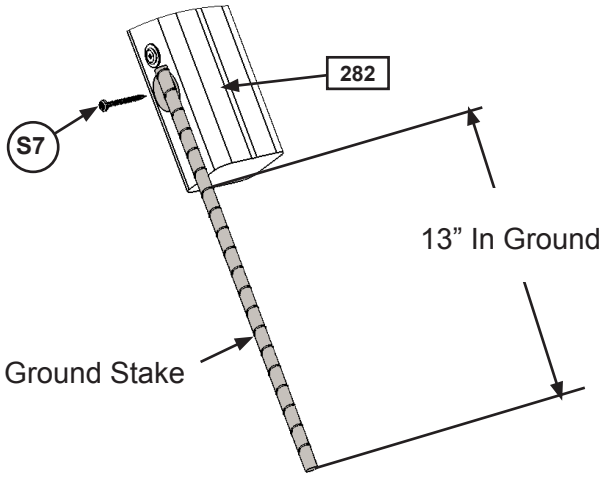


Fig. 28.2

Hardware

2 x (S7) #12 x 2” Pan Screw

Other Parts

2 x Rebar Ground Stake

Step 29: Attach Access Ladder Rockwall Assembly

Pre-drill all holes using a 1/8" drill bit before installing the Wafer Lags

A: Remove (026) Board Access from the Access Ladder Rockwall, previously assembled in Step 2. Set the board and screws aside, they will be re-attached. (fig. 29.2)

B: Place the Access Ladder Rockwall on the Back side of the fort and attach to (044) Joist Side with 1 (WL3) 1/4 x 1-3/8" Wafer Lag Screw (with flat washer) in each Swing Bracket. (fig. 29.1, 29.2 and 29.3).

C: Re-attach (026) Board Access to the same place it was removed. (fig. 29.2)

Fig. 29.3

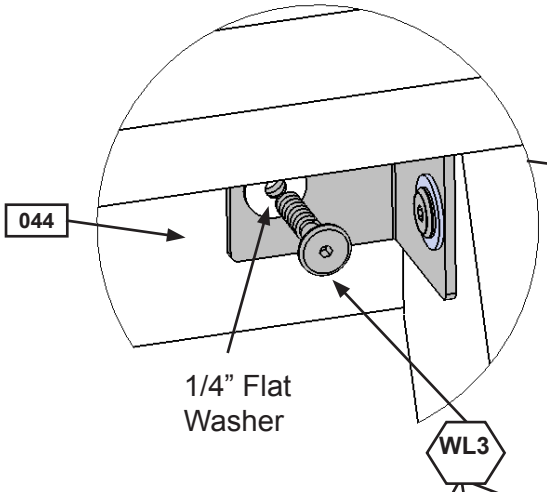
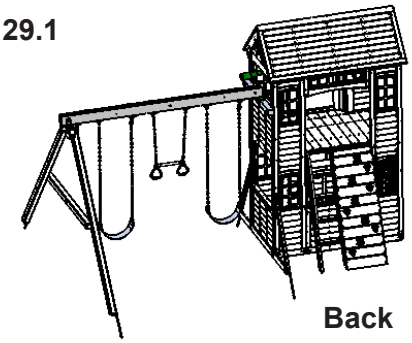
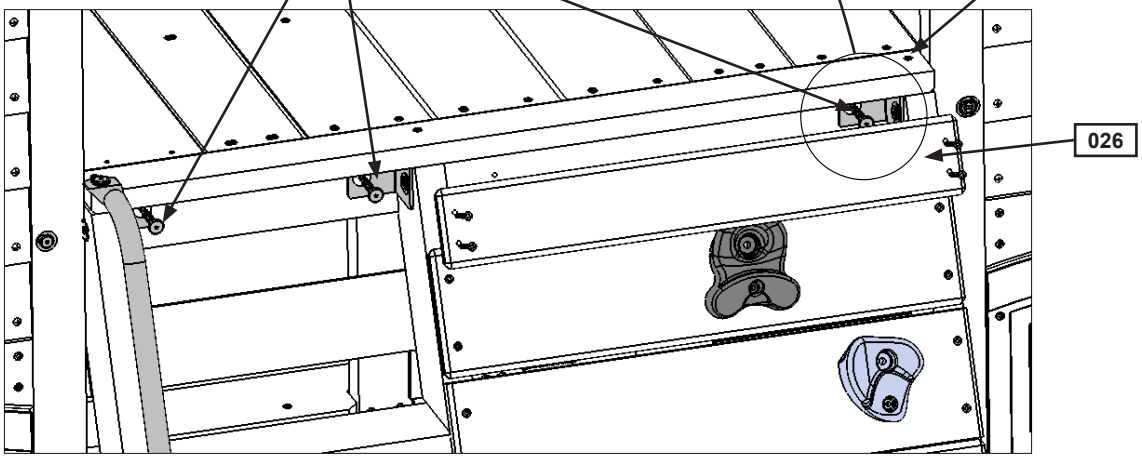


Fig. 29.1



Back

Fig. 29.2



Hardware

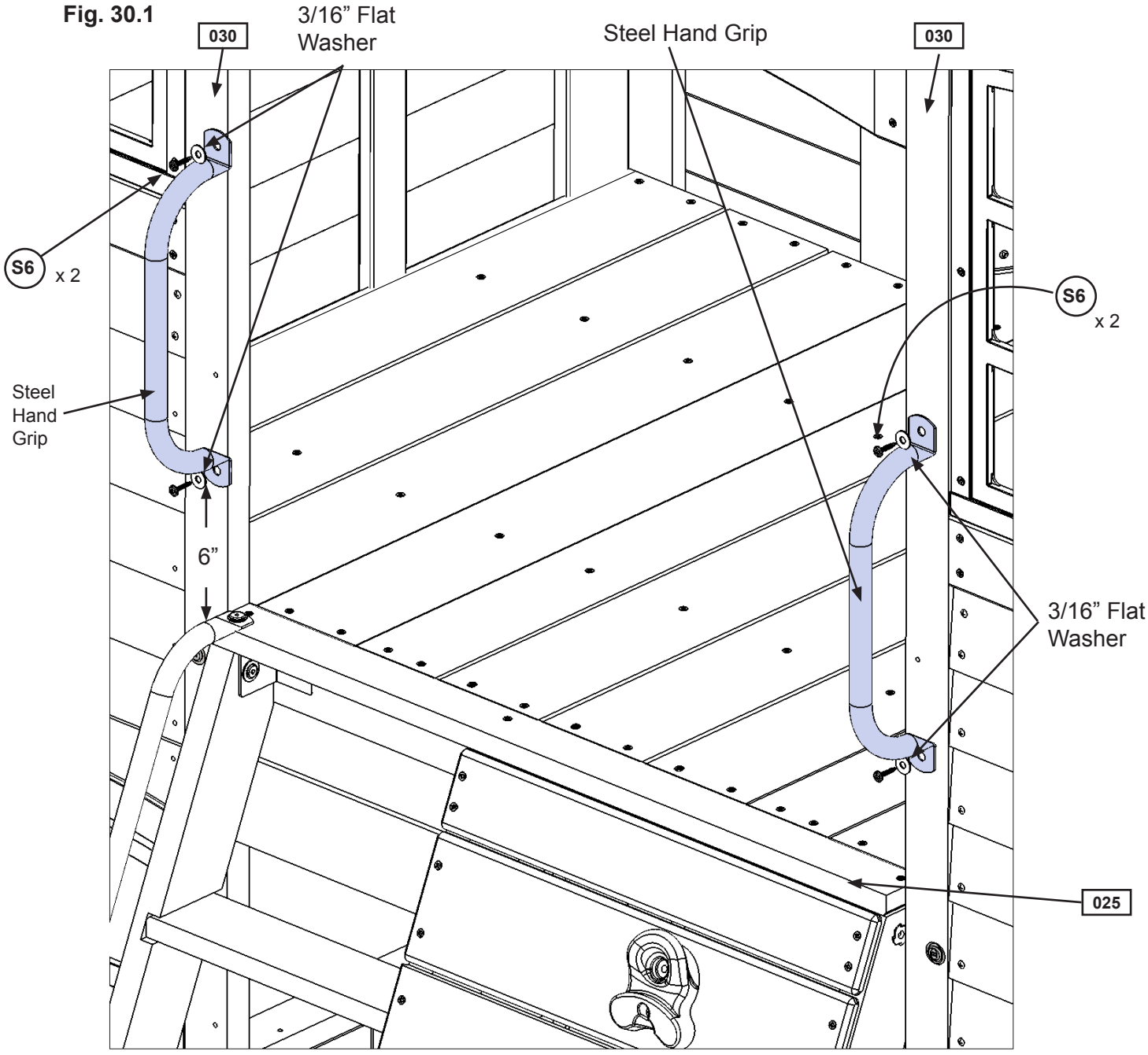
3 x (WL3) 1/4 x 1-3/8" Wafer Lag (1/4" flat washer)

Step 30: Attach Steel Hand Grips to Fort

Pre-drill all holes using a 1/8" drill bit before installing the Wafer Lags

A: Measure 6" from the top of (025) Top Ladder on each (030) Narrow Window Panel and attach 1 Steel Hand Grip per panel with 2 (S6) #12 x 1" Pan Screws (with flat washer) per Steel Hand Grip. (fig. 30.1)

Fig. 30.1



Hardware

4 x (S6) #12 x 1" Pan Screw (3/16" flat washer)

Other Parts

2 x Steel Hand Grip

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Step 31: Crowsnest Assembly Part 1

A: On flat level ground, lay out (320) Crowsnest Back and (321) Crowsnest Front so they face each other and the countersunk holes on the (321) Crowsnest Front face out. Using the middle pilot holes as guides attach 2 (322) Crowsnest Joists with 2 (S3) #8 x 2-1/2" Wood Screws on the back and 2 (S4) #8 x 3" Wood Screws on the front, per joist. The distance between (322) Crowsnest Joists should be 12-1/4". (fig. 31.1 and 31.2)

B: Tight to the outside of each (322) Crowsnest Joist attach 1 (323) Crowsnest Gusset with 1 (S7) #12 X 2" Pan Screw per gusset. (fig. 31.1 and 31.2)

C: Attach each (323) Crowsnest Gusset to (321) Crowsnest Front with 2 (S4) #8 x 3" Wood Screws per gusset. (fig. 31.1 and 31.2)

Top View

Fig. 31.1

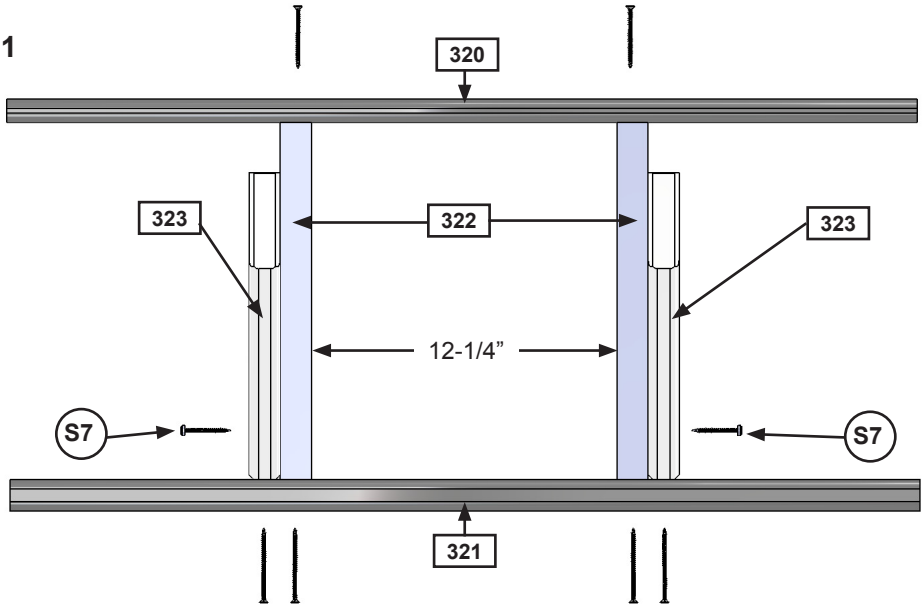
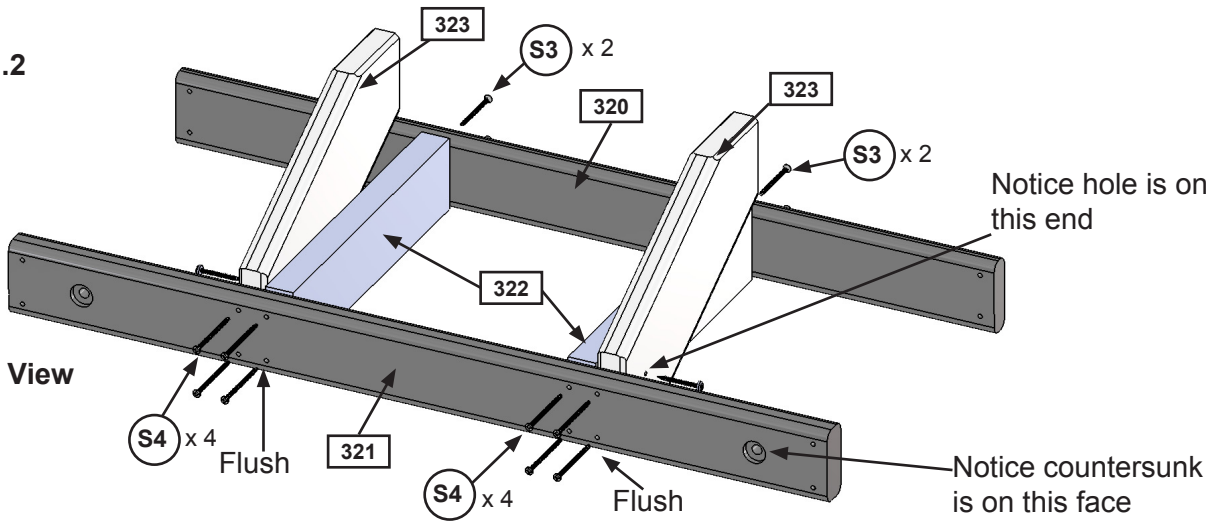


Fig. 31.2



Wood Parts

1 x	320	Crowsnest Back 5/4 x 4 x 36-1/2"
1 x	321	Crowsnest Front 2 x 4 x 36-1/2"
2 x	323	Crowsnest Gusset 2 x 6 x 15"
2 x	322	Crowsnest Joist 2 x 4 x 14-5/16"

Hardware

4 x	S3	#8 x 2-1/2" Wood Screw
2 x	S7	#12 x 2" Pan Screw
8 x	S4	#8 x 3" Wood Screw

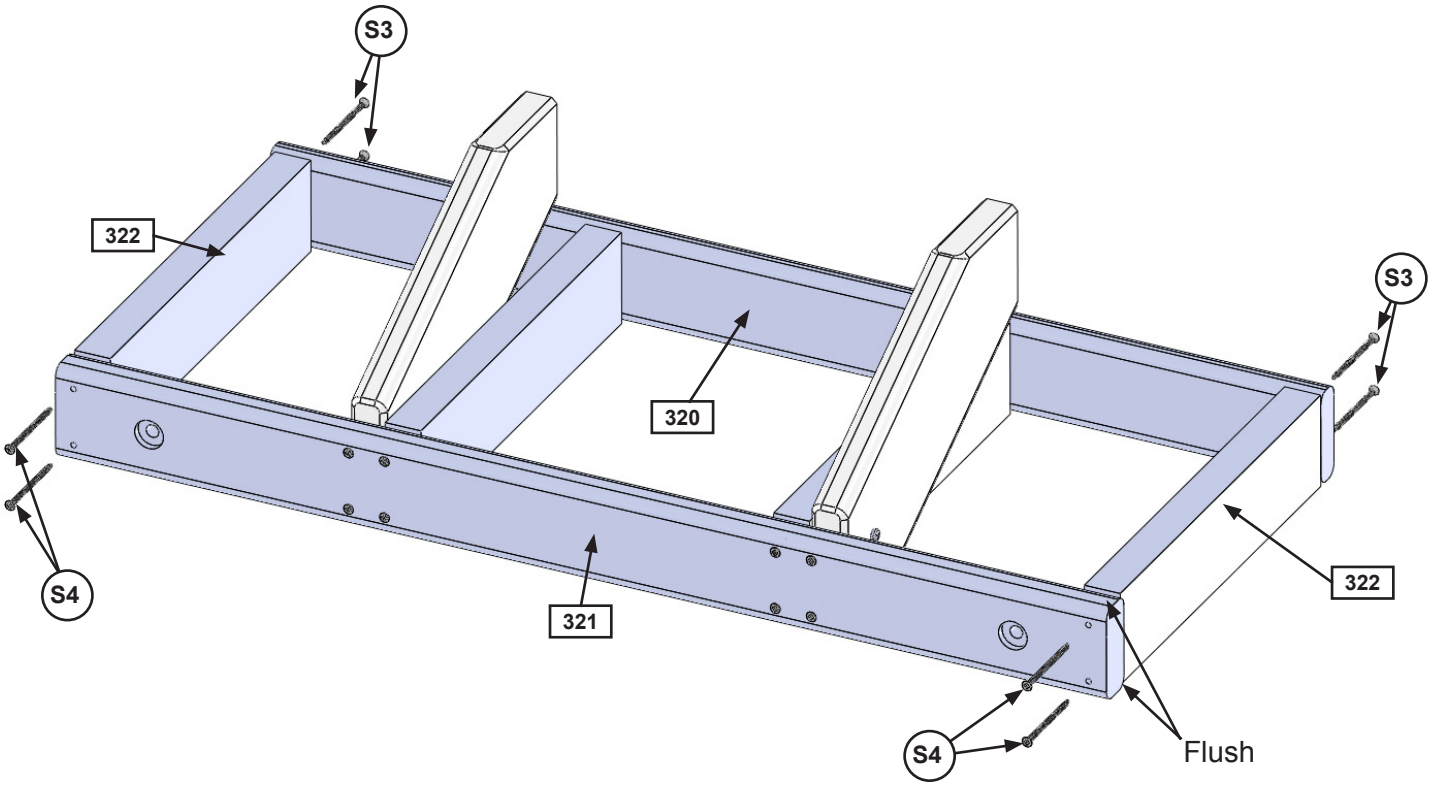
Step 31: Crowsnest Assembly Part 2

Make sure the assembly is square before proceeding.

D: Flush to the outside edges and tops of (320) Crowsnest Back and (321) Crowsnest Front attach 2 (322) Crowsnest Joists with 2 (S3) #8 x 2-1/2” Wood Screws on the back and 2 (S4) #8 x 3” Wood Screws on the front, per joist, as shown in fig. 31.3.

This creates the Lower Crowsnest Assembly.

Fig. 31.3



Wood Parts

2 x 322 Crowsnest Joist 2 x 4 x 14-5/16”

Hardware

4 x S4 #8 x 3” Wood Screw

4 x S3 #8 x 2-1/2” Wood Screw

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Step 31: Crowsnest Assembly Part 3

E: Loosely attach (324) Crowsnest Top to 2 (325) Upright Crowsnests with 2 (G8) 5/16 x 2" Hex Bolts (with lock washer, flat washer and t-nut). Notice the notches on the bottom of (325) Upright Crowsnests are at the bottom and facing out. (fig. 31.4)

F: In between both (325) Upright Crowsnests attach (326) Crowsnest Short flush to the top and bottom of (324) Crowsnest Top with 6 (S15) #8 x 1-3/4" Wood Screws. (fig. 31.4 and 31.5)

G: Flush to the top and outside face of (324) Crowsnest Top attach 1 (327) Crowsnest Side to each end with 2 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 31.4 and 31.5)

This creates the Upper Crowsnest Assembly.

Fig. 31.4

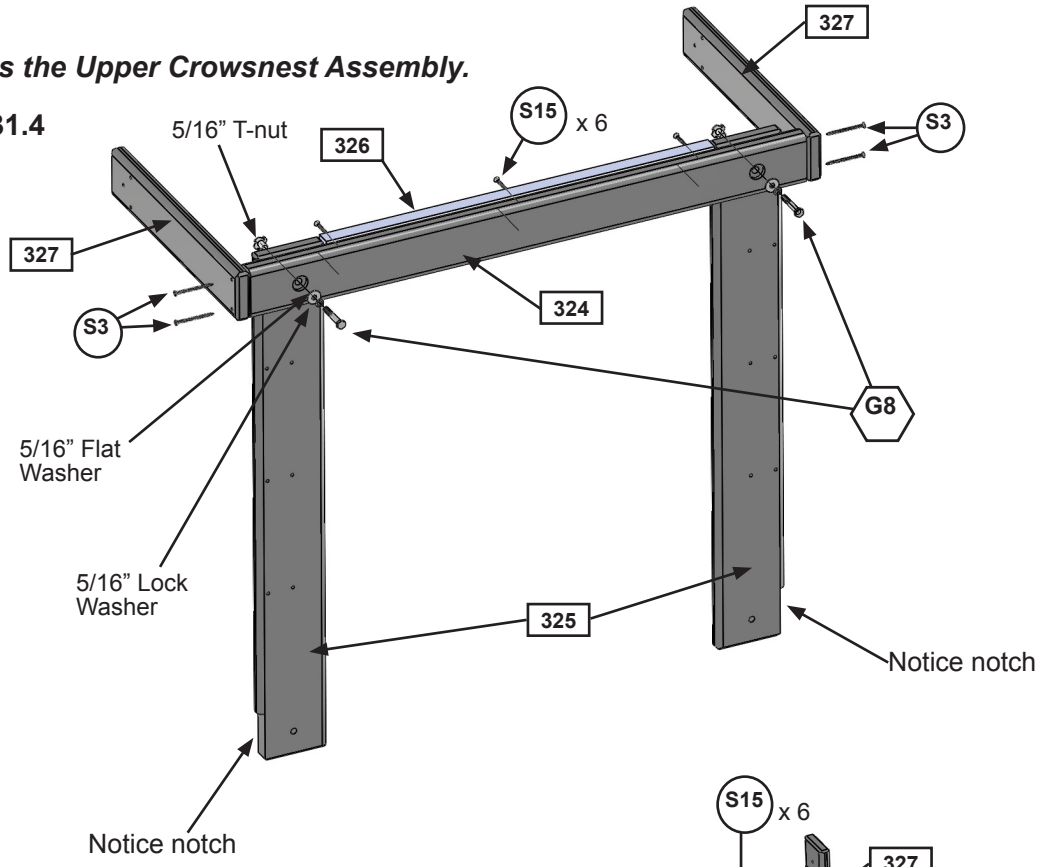
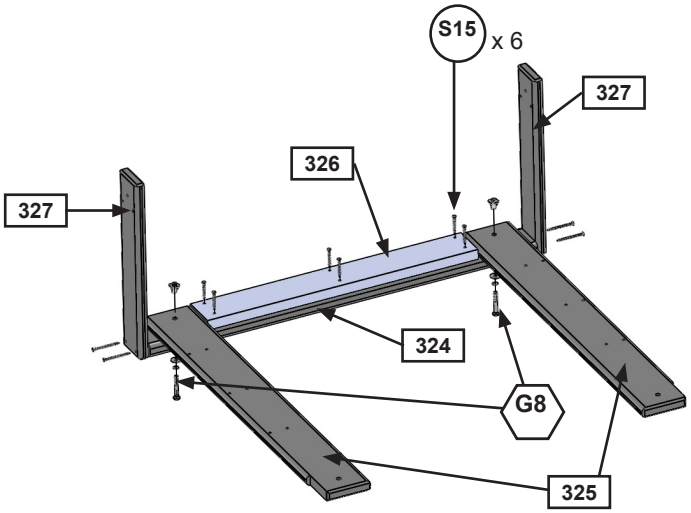


Fig. 31.5



Wood Parts

- 1 x 324 Crowsnest Top 2 x 4 x 36-1/2"
- 2 x 325 Upright Crowsnest 15/16 x 4-1/2 x 34-1/4"
- 1 x 326 Crowsnest Short 5/4 x 4 x 25-1/2"
- 2 x 327 Crowsnest Side 5/4 x 4 x 17"

Hardware

- 4 x S3 #8 x 2-1/2" Wood Screw
- 6 x S15 #8 x 1-3/4" Wood Screw
- 2 x G8 5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

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Step 32: Attach Crowsnest Assemblies to Fort Part 1

A: Flush to the inside panel edge of (030) Narrow Window Panel and tight to the floor boards attach 1 (330) Crowsnest Bottom to each (030) Narrow Window Panels on the Slide Side Wall with 3 (S15) #8 x 1-3/4" Wood Screws per board. (fig. 32.1 and 32.2)

Fig. 32.1

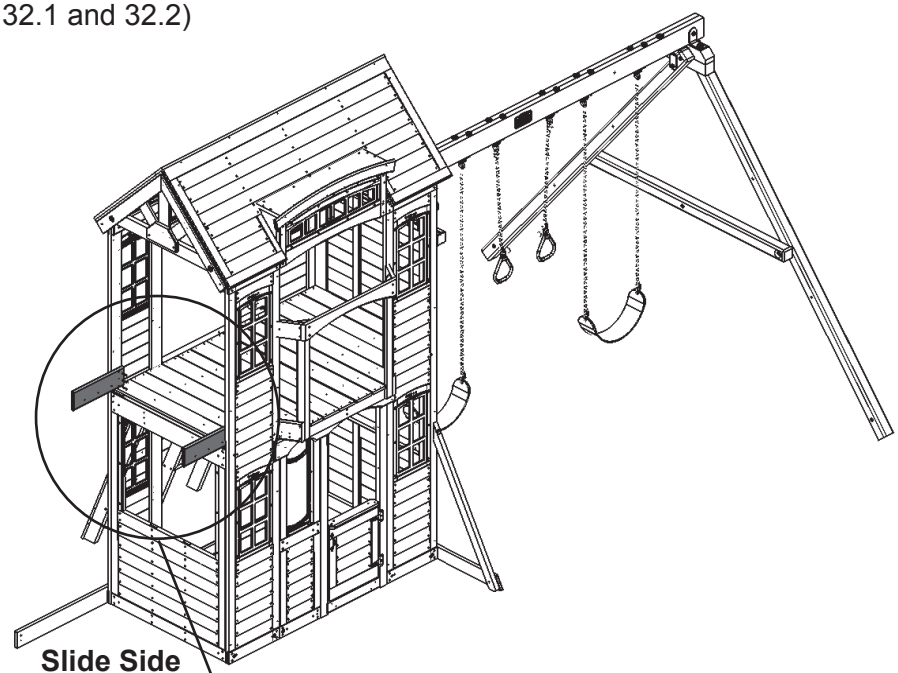
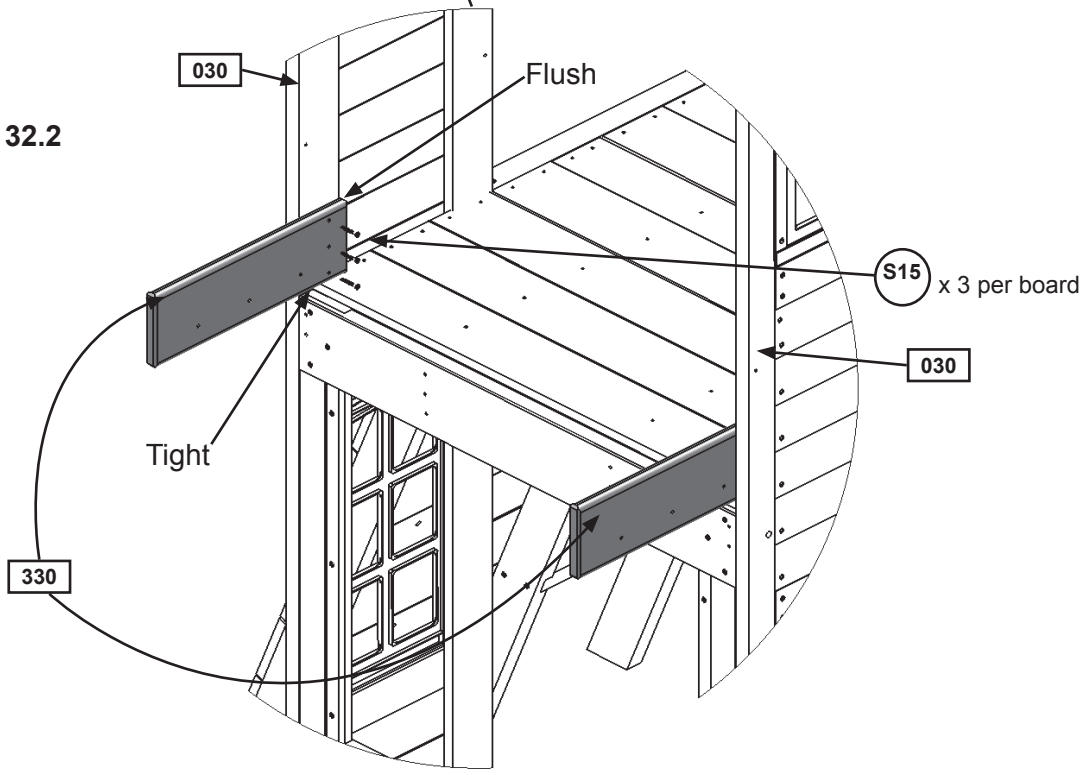


Fig. 32.2



Wood Parts

2 x [330] **Crowsnest Bottom 5/4 x 6 x 17"**

Hardware

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

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Step 32: Attach Crowsnest Assemblies to Fort Part 2

B: Place Lower Crowsnest Assemby in between both (330) Crowsnest Bottoms so (321) Crowsnest Front is facing out and is flush to the front edge and bottom of (330) Crowsnest Bottoms. (fig. 32.3 and 32.4)

C: Make sure Lower Crowsnest Assembly is level then attach (330) Crowsnest Bottom to outside (322) Crowsnest Joists with 3 (S15) #8 x 1-3/4" Wood Screws per side. (fig. 32.4)

Fig. 32.3

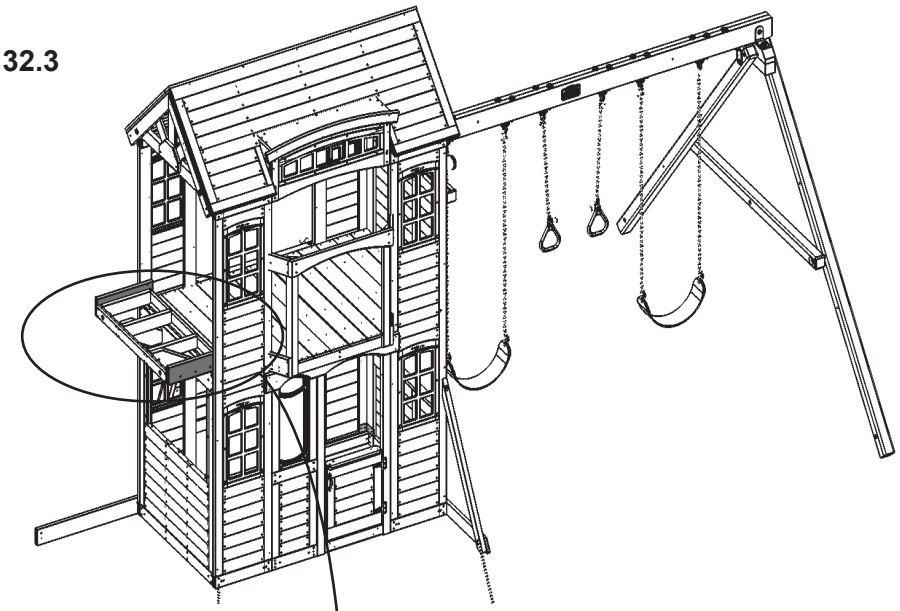
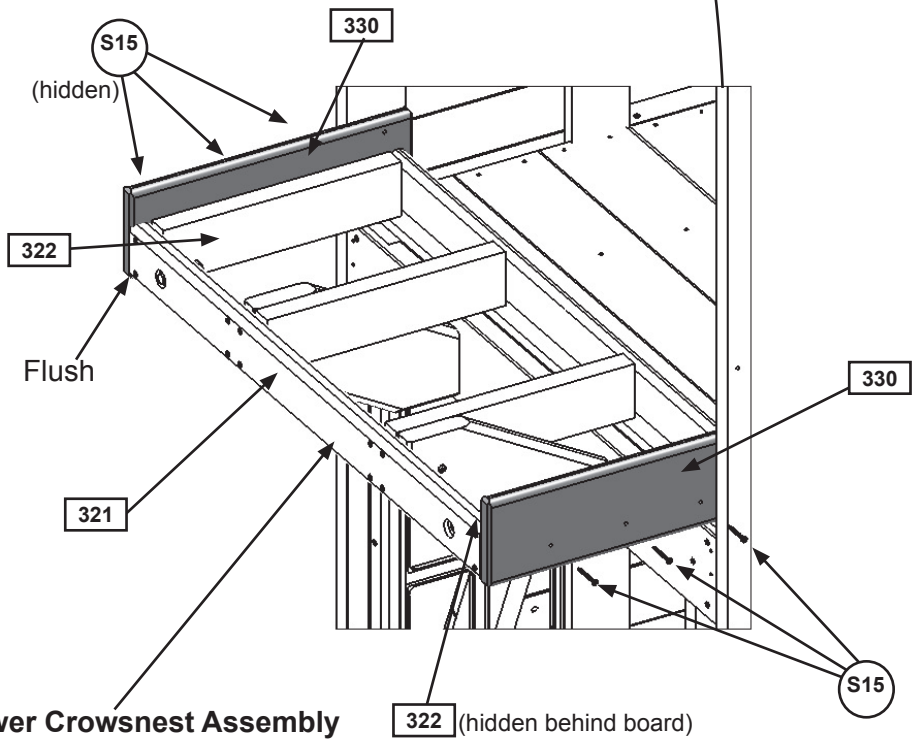


Fig. 32.4



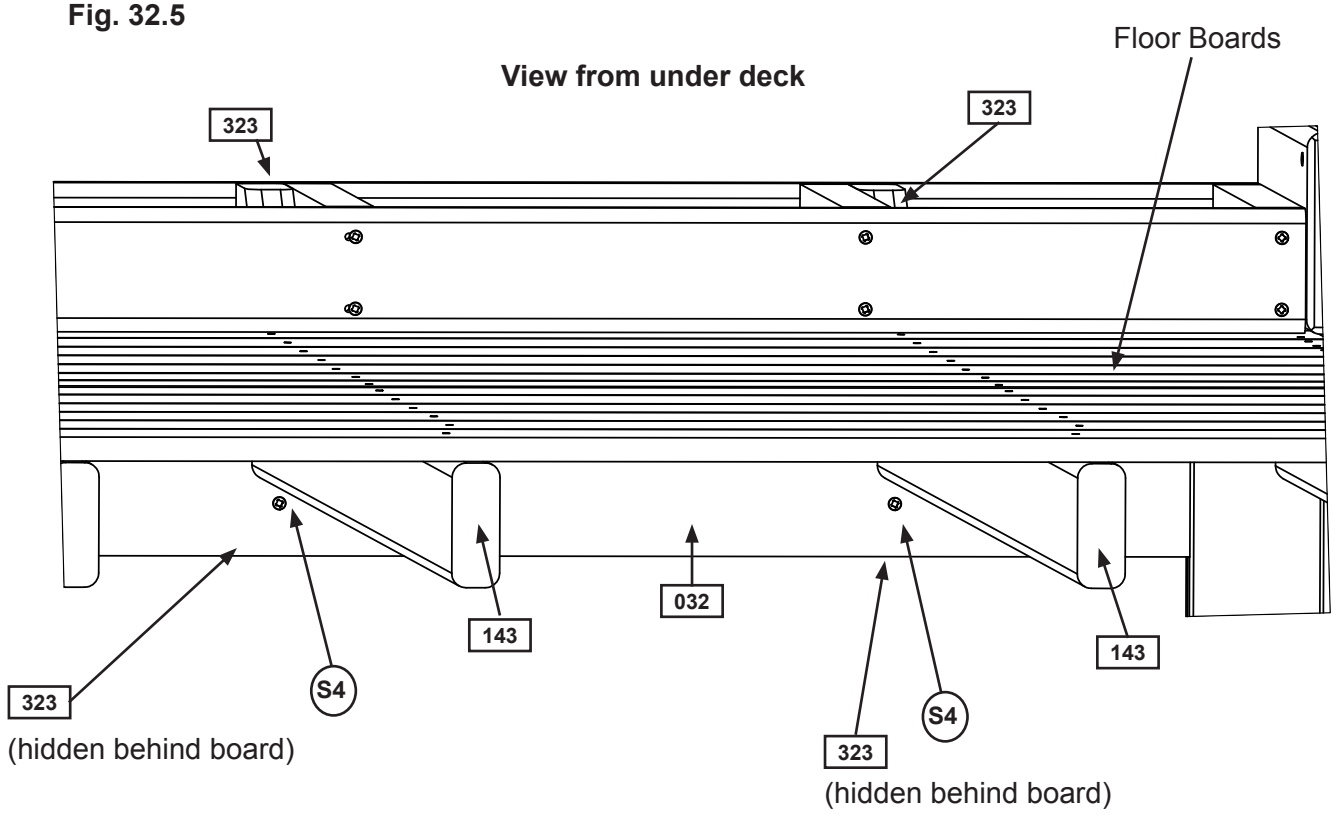
Hardware

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

Step 32: Attach Crowsnest Assemblies to Fort
Part 3

D: From inside the assembly attach (032) SL Side Panel to each (323) Crowsnest Gusset with 1 (S4) #8 x 3" Wood Screw per gusset. (fig. 32.5)

Fig. 32.5



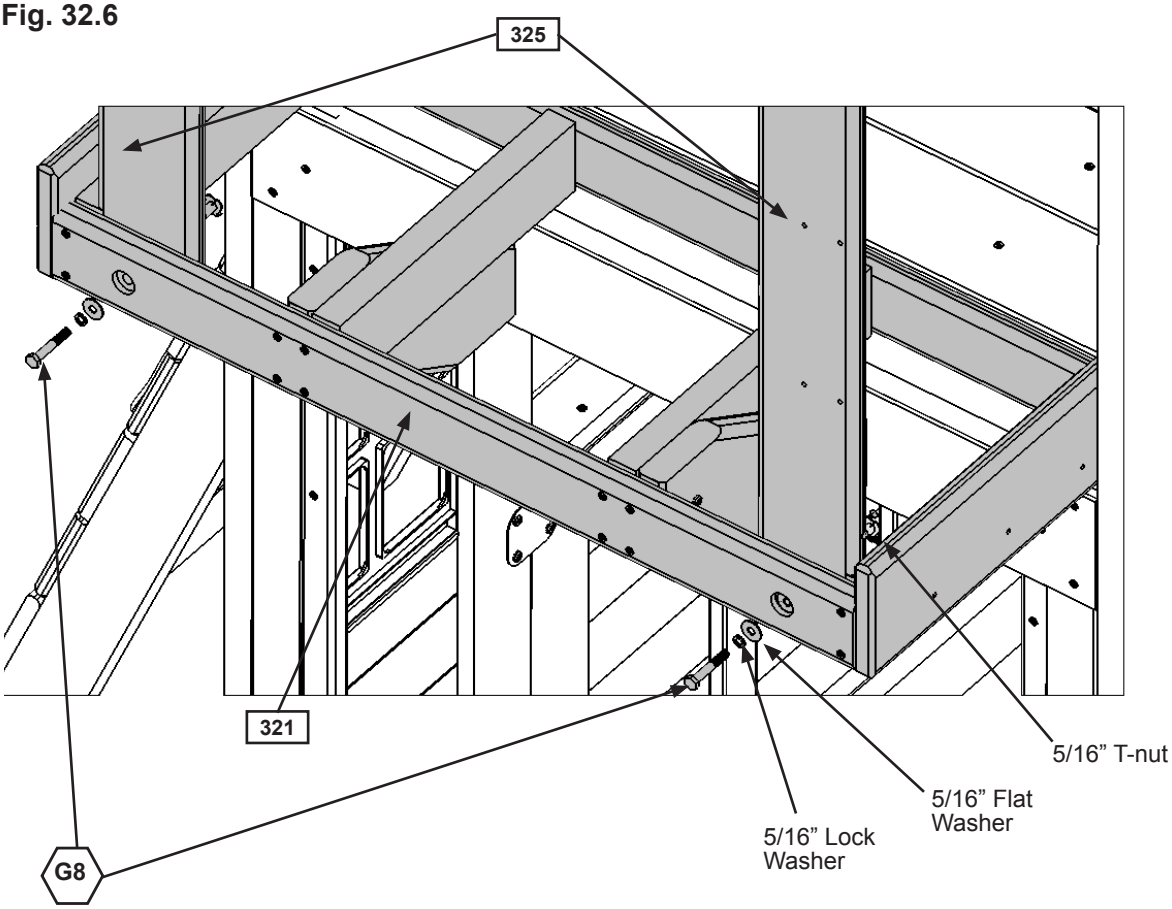
Hardware

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

Step 32: Attach Crowsnest Assemblies to Fort
Part 4

E: Loosely attach the bottom of each (325) Crowsnest Upright to (321) Crowsnest Front using 2 (G8) 5/16 x 2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 32.6)

Fig. 32.6



Hardware

2 x G8 5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

Step 32: Attach Crowsnest Assemblies to Fort Part 5

F: Lay down (331) Crowsnest Gap Board flush to front of (321) Crowsnest Front and tight to each (325) Upright Crowsnest. Follow with 2 (332) Crowsnest Floor Wide and then 1 (333) Crowsnest Floor evenly spaced. (fig. 32.7 and 32.8)

G: Attach the floor and gap boards to each (322) Crowsnest Joist using 6 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 32.8)

Fig. 32.7

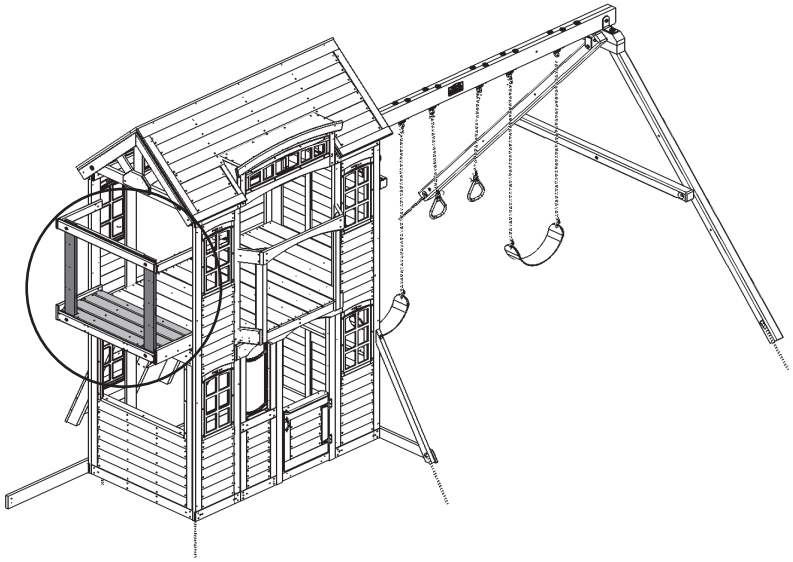
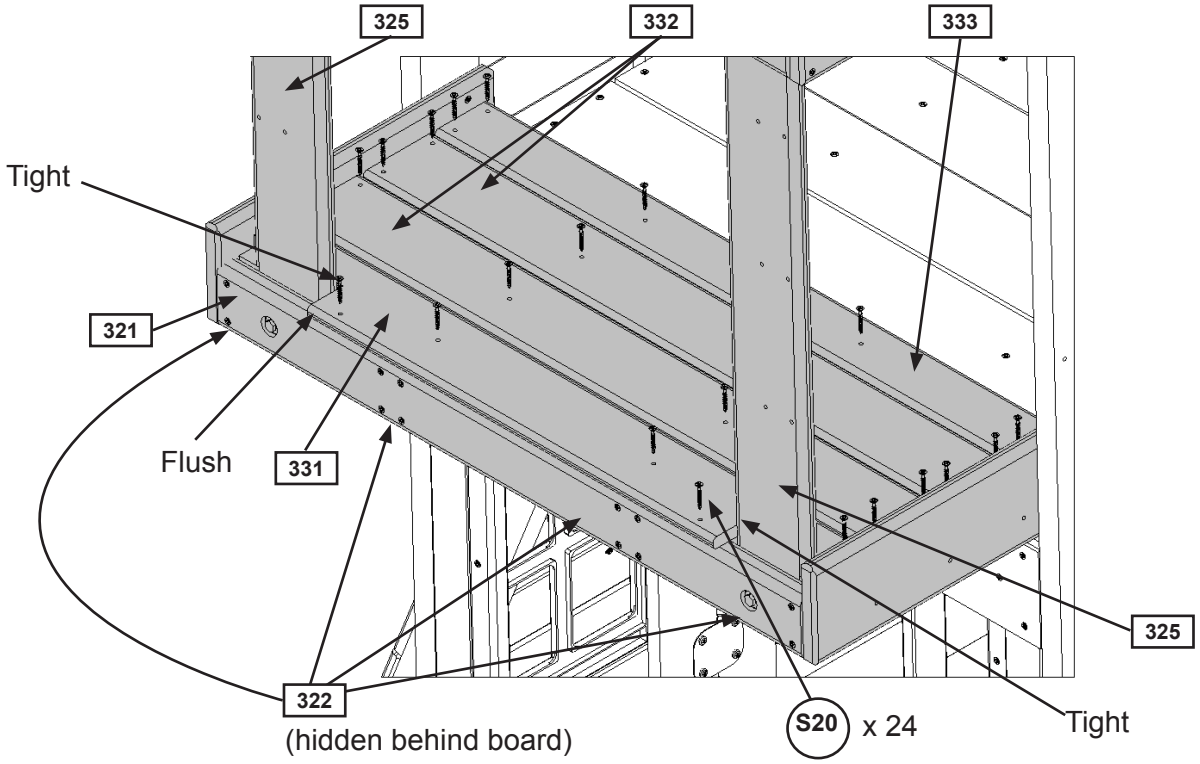


Fig. 32.8



Wood Parts

- **2 x** 332 **Crowsnest Floor Wide 1 x 5 x 36-1/2"**
- **1 x** 333 **Crowsnest Floor 1 x 4 x 36-1/2"**
- **1 x** 331 **Crowsnest Gap Board 1 x 5 x 36-1/2"**

Hardware

- **24 x** S20 **#8 x 1-3/8" Wood Screw**

Step 32: Attach Crowsnest Assemblies to Fort Part 6

H: Place 1 (334) Crowsnest Face to the front of each (325) Upright Crowsnest, so they are flush to the inside edges, and attach from the inside of the assembly using 3 (S15) #8 x 1-3/4” Wood Screws per board, as shown in fig. 32.9 and 32.10. The distance between (325) Upright Crowsnests should be 25-1/2”

I: Tight to the outside edges of each (334) Crowsnest Face attach 1 (335) Crowsnest Face B from inside the assembly using 3 (S15) #8 x 1-3/4” Wood Screws per board, as shown in fig. 32.9 and 32.10.

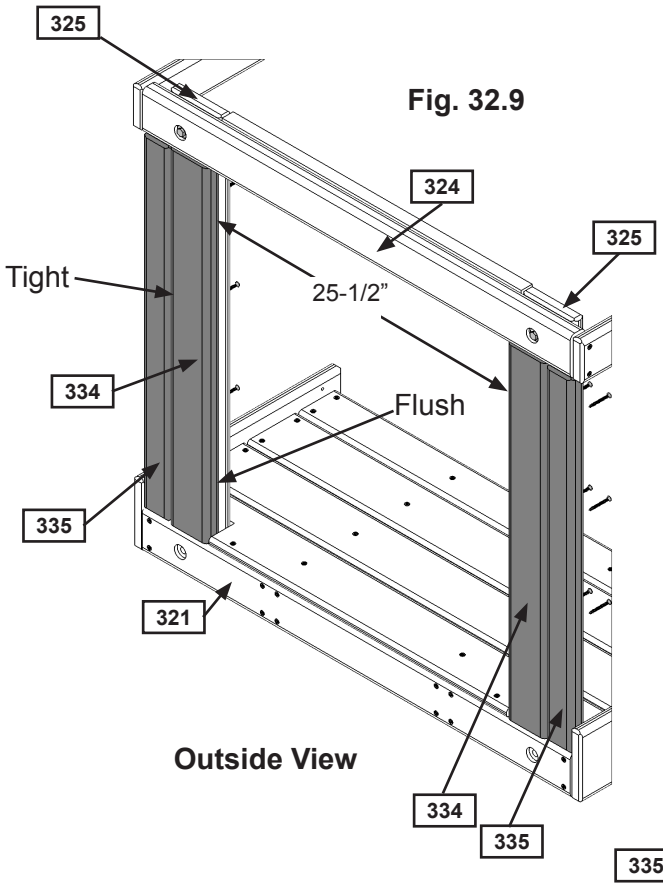


Fig. 32.9

Outside View

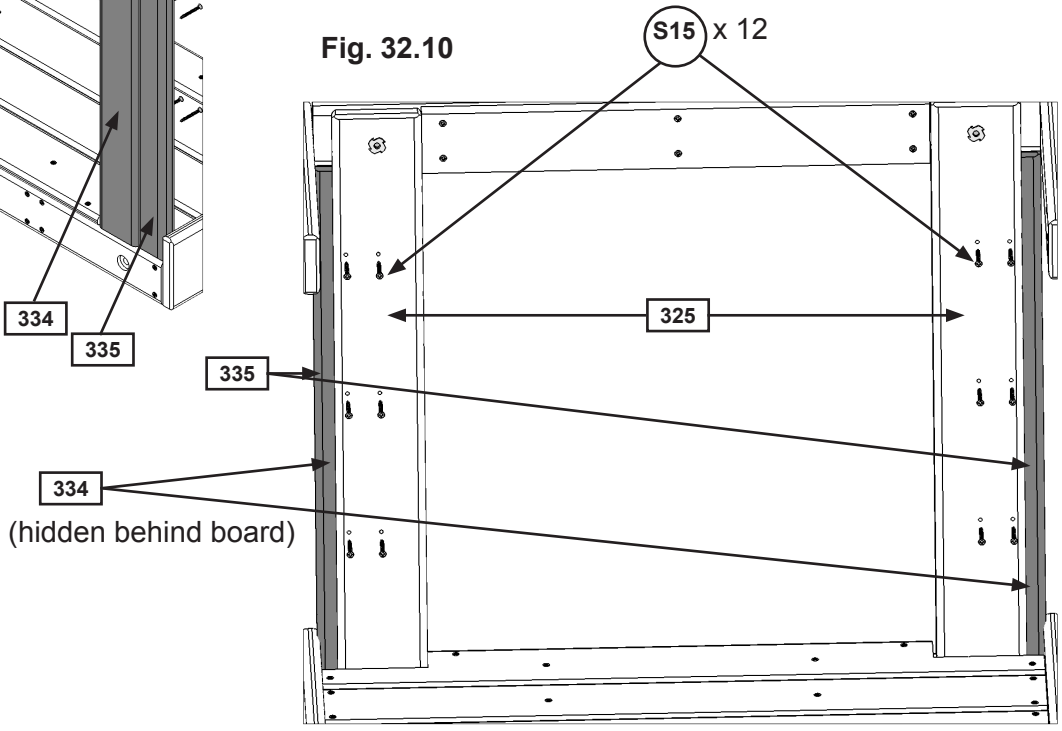


Fig. 32.10

Inside View

Wood Parts

2 x 335 Crowsnest Face B 2 x 3 x 27-3/4”

2 x 334 Crowsnest Face 2 x 4 x 27-3/4”

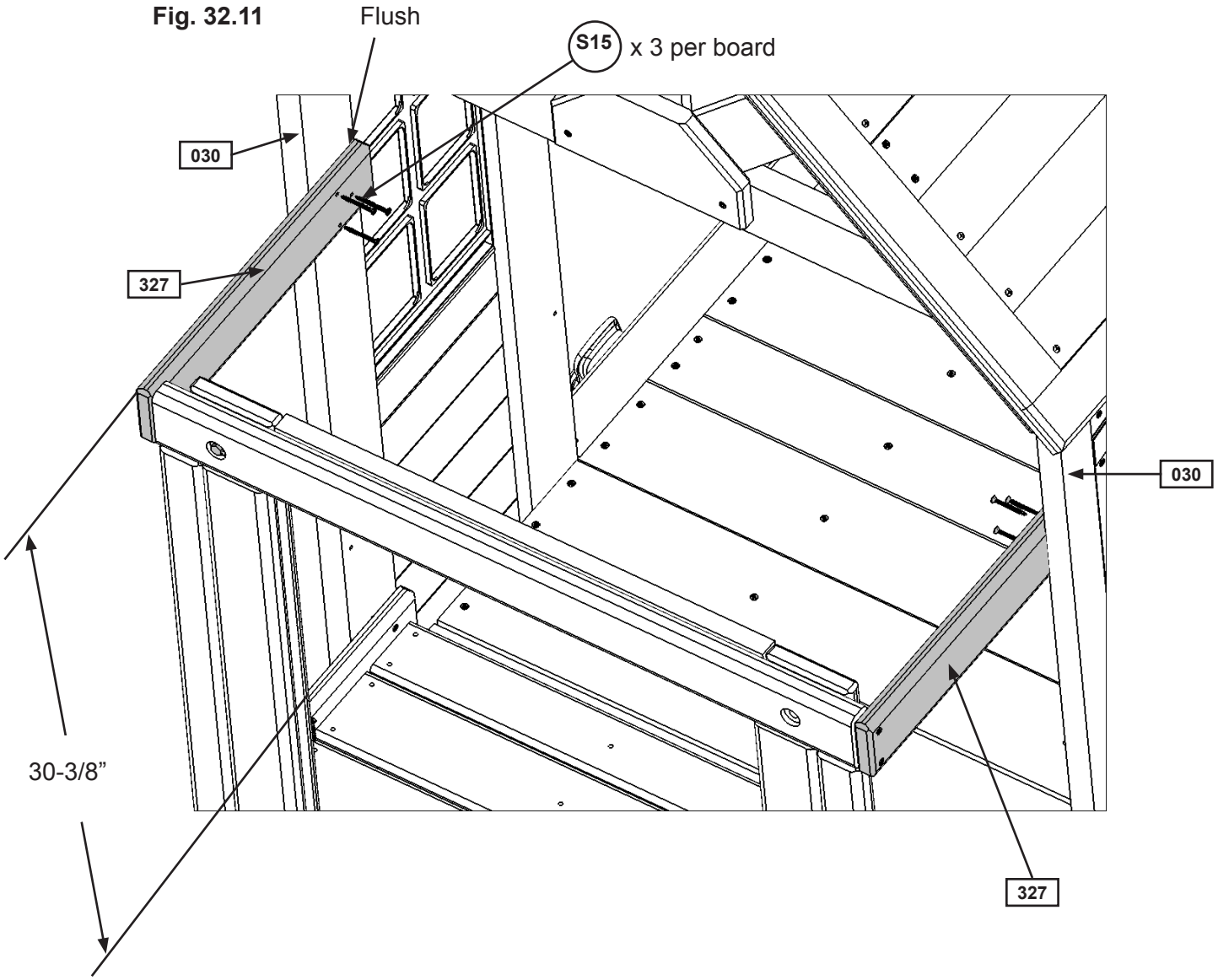
Hardware

12 x S15 #8 x 1-3/4” Wood Screw

Step 32: Attach Crowsnest Assemblies to Fort Part 7

J: Make sure the distance between top of floor boards and top of (327) Crowsnest Side is 30-3/8” then attach (327) Crowsnest Side flush to the inside panel edge of (030) Narrow Window Panel with 3 (S15) #8 x 1-3/4” Wood Screws per side. (fig. 32.11)

Fig. 32.11



Hardware

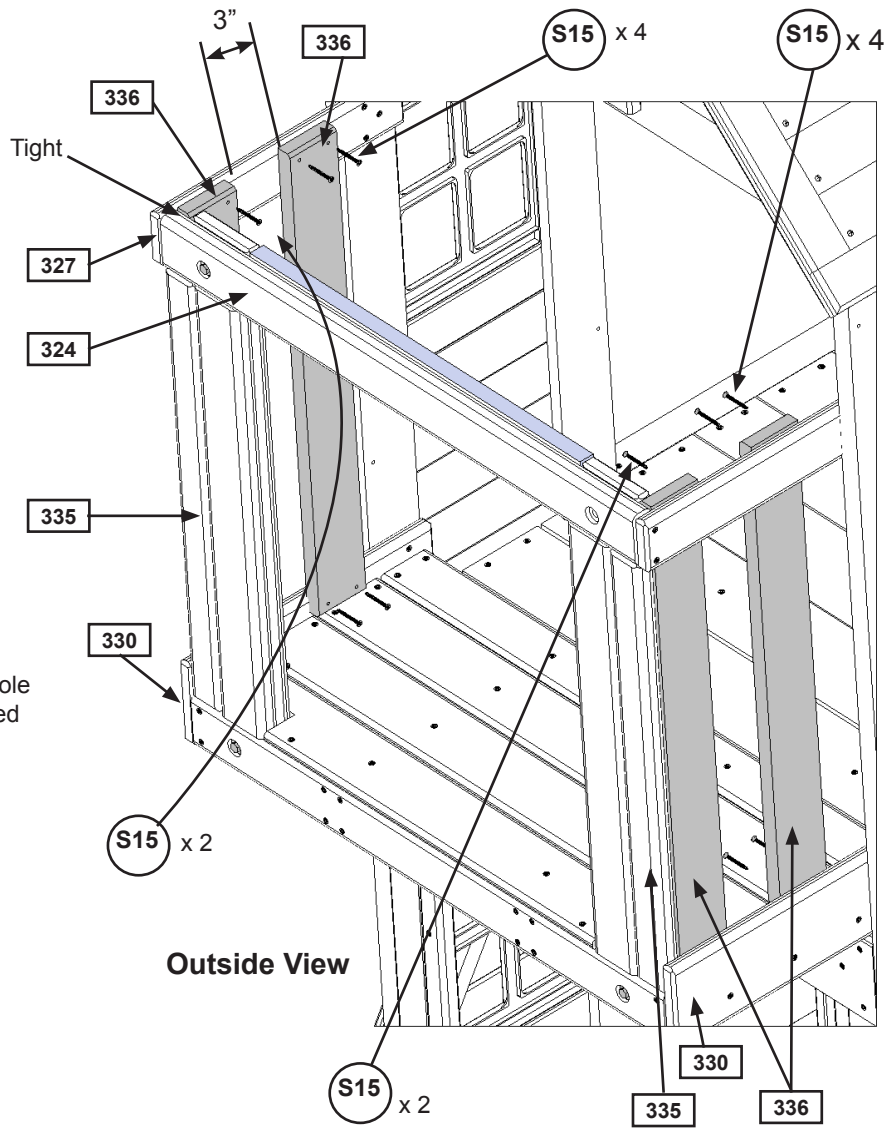
6 x (S15) #8 x 1-3/4” Wood Screw

Step 32: Attach Crowsnest Assemblies to Fort Part 8

K: Place 1 (336) Crowsnest Rail tight to (324) Crowsnest Top and (335) Crowsnest Face B on each side of the assembly, then attach to (330) Crowsnest Bottom and 1 (327) Crowsnest Side using 2 (S15) #8 x 1-3/4" Wood Screws per (336) Crowsnest Rail. (fig. 32.12 and 32.13)

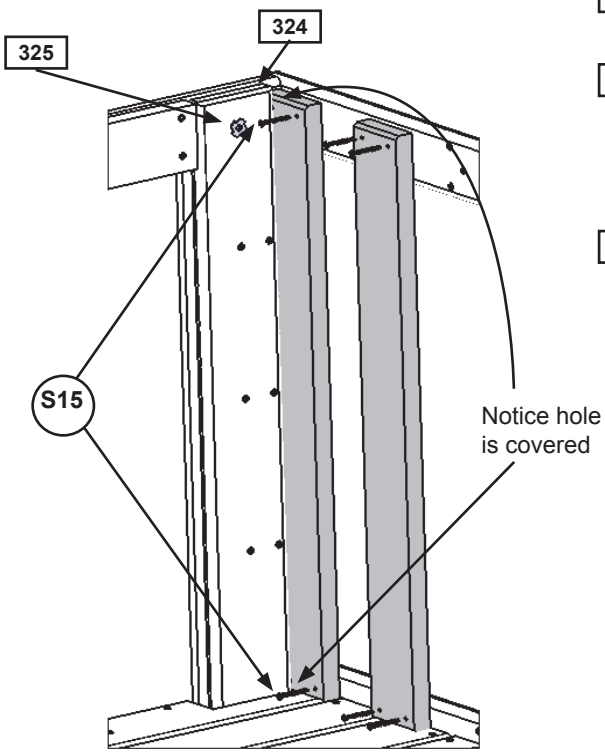
L: Place a second (336) Crowsnest Rail on each side of the assembly so the distance between boards is 3", then attach to (330) Crowsnest Bottom and 1 (327) Crowsnest Side using 4 (S15) #8 x 1-3/4" Wood Screws per (336) Crowsnest Rail. (fig. 32.12)

Fig. 32.12



Outside View

Fig. 32.13



Inside View

Wood Parts

4 x 336 Crowsnest Rail 5/4 x 4 x 30"

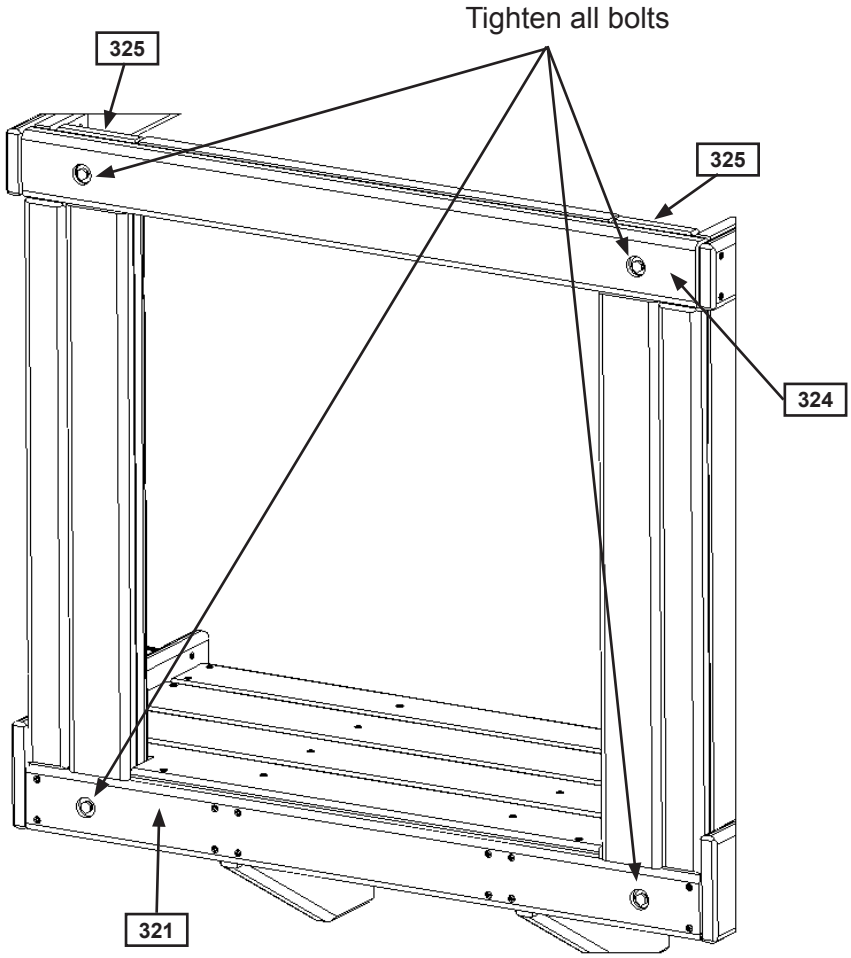
Hardware

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

Step 32: Attach Crowsnest Assemblies to Fort Part 9

M: Tighten all 4 bolts in the Crowsnest Assembly. (fig. 32.14)

Fig. 32.14



Step 33: 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. 33.3)

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. 33.1. 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 TNR2 Slide RT Flange and TNR2 Slide LT Flange together using 4 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 33.2. This creates the Flange Assembly.

Fig. 33.1

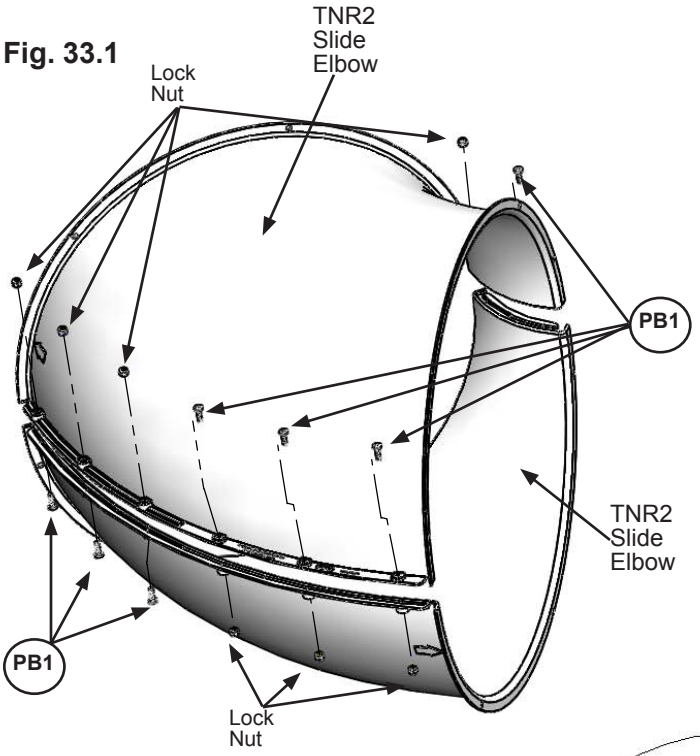


Fig. 33.2 **Flange Assembly**

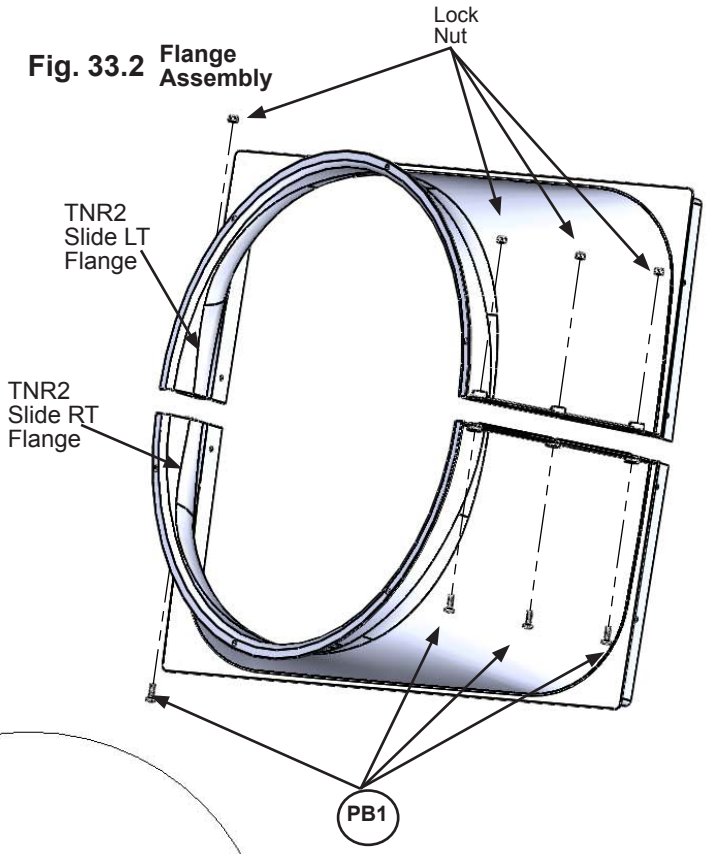
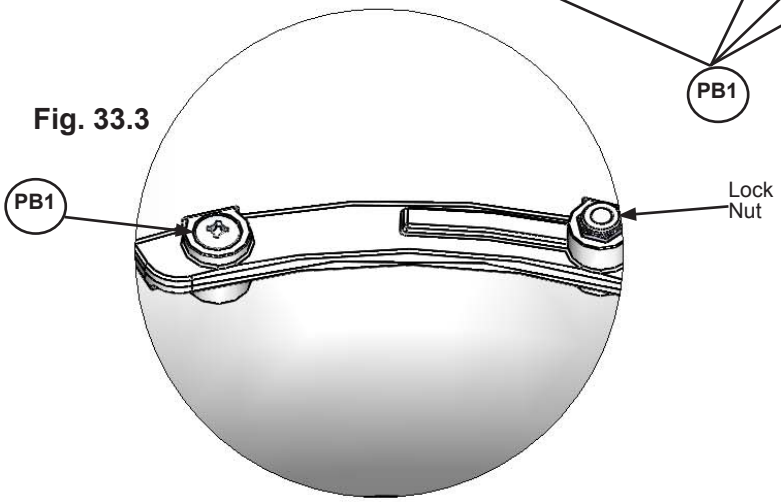


Fig. 33.3



Use a 7/16" open end wrench for nuts

Hardware

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

Other Parts

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

Step 33: 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. 33.3)

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. 33.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 33.4

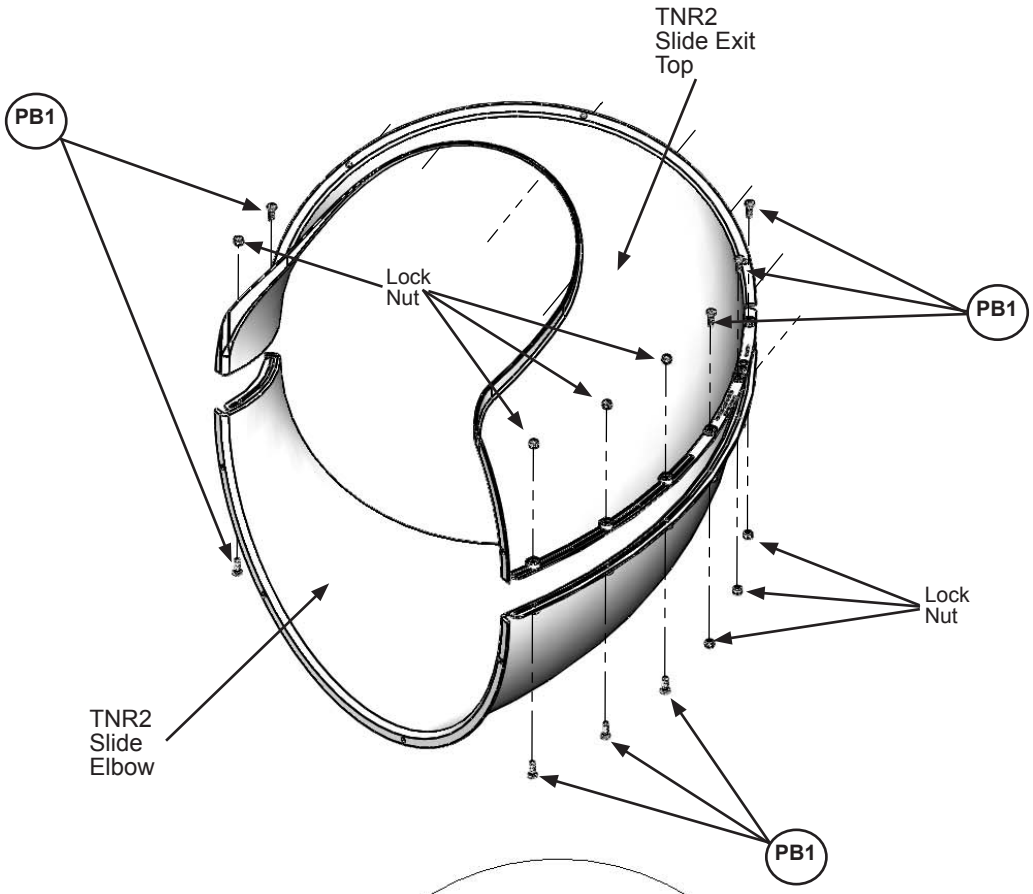
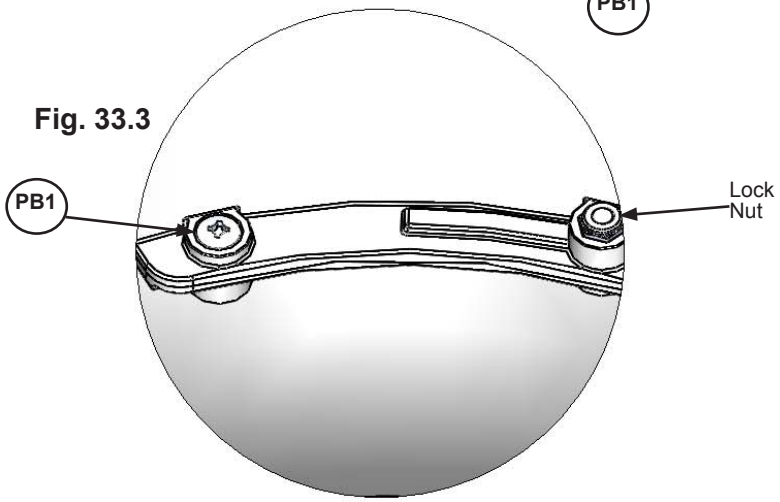


Fig. 33.3



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 34: Attach Flange Assembly to Fort

A: With a helper place the Flange Assembly flush to the Crowsnest on the fort as shown in fig. 34.1, then pre-drill 1/8" pilot holes in the bottom 4 mounting locations on (331) Crowsnest Gap Board (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep.

B: Attach Flange Assembly to the Crowsnest through (331) Crowsnest Gap Board and into (321) Crowsnest Front using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 34.1 and 34.2) Make sure the flat surfaces of the Flange Assembly are flush to the Crowsnest as shown in fig. 34.5.

C: Attach the Flange Assembly flush to (324) Crowsnest Top using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) as shown in fig. 34.1 and 34.3 and to both (334) Crowsnest Faces using 5 (S6) #12 x 1" Pan Screw per board. (fig. 34.1 and 34.4)

Fig. 34.1
Inside View

Top
Fig. 34.3

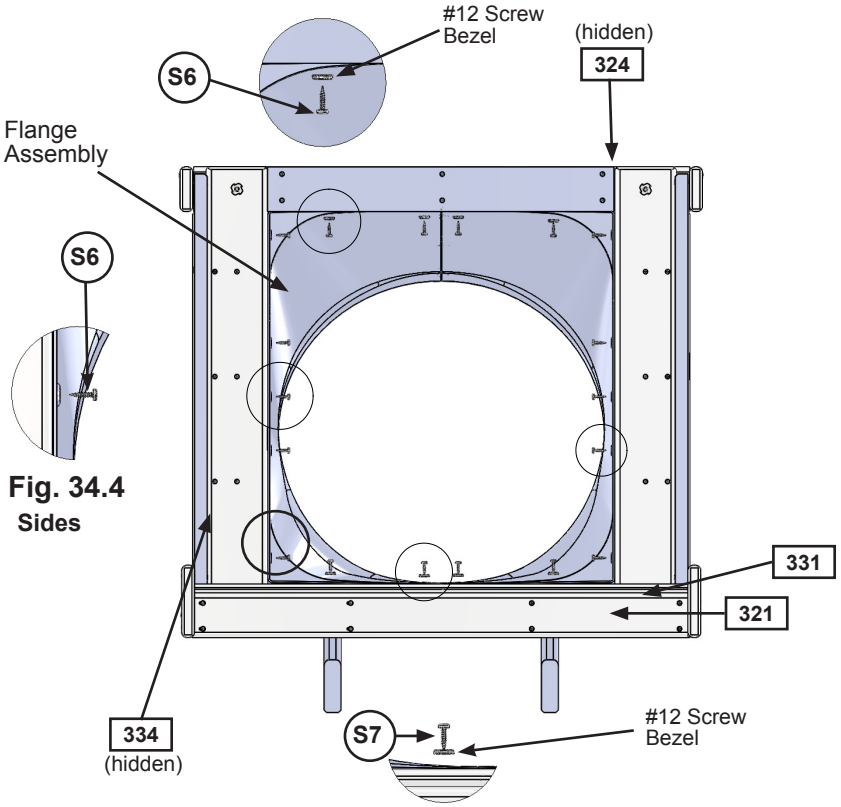


Fig. 34.4
Sides

Fig. 34.2
Bottom

Fig. 34.6
Outside View

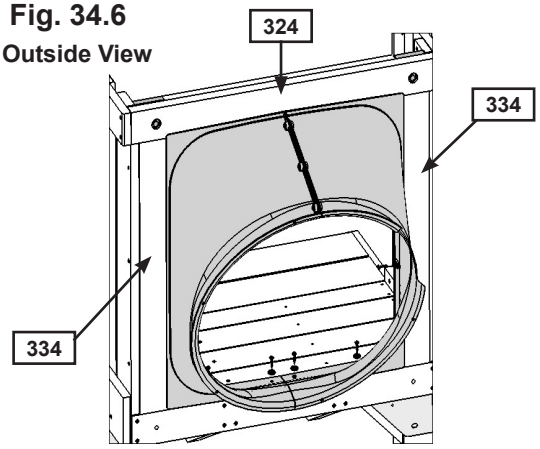
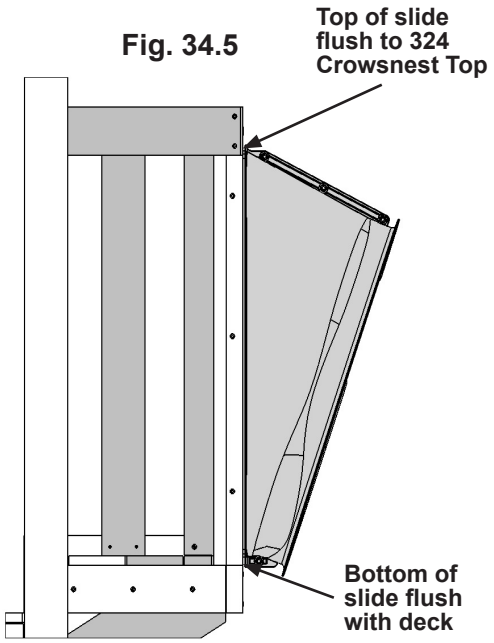


Fig. 34.5



Hardware

14 x (S6) #12 x 1" Pan Screw
4 x (S7) #12 x 2" Pan Screw
8 x #12 Screw Bezel

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Step 35: Attach Elbow Assembly to Flange Assembly Part 1

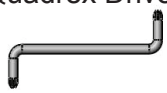
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

A: Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. (fig. 35.2 and 35.3)

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. 35.2 and 35.3.

Use Quadrex Driver as a guide pin for each hole before inserting bolt. (fig. 35.3)

Quadrex Driver



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

Fig. 35.1

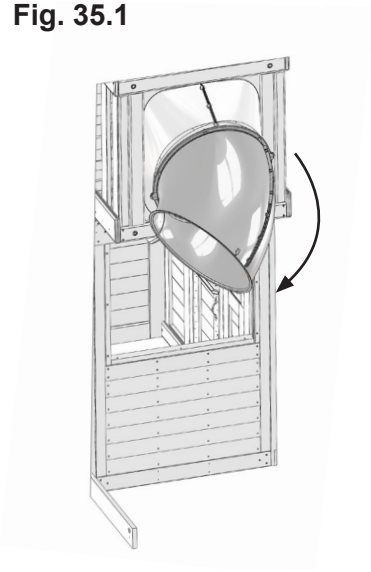
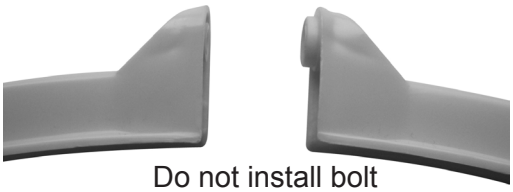


Fig. 35.4



Do not install bolt in Clamp Ring ends until Step 36D

Fig. 35.3

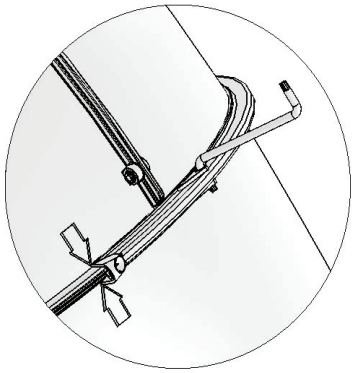
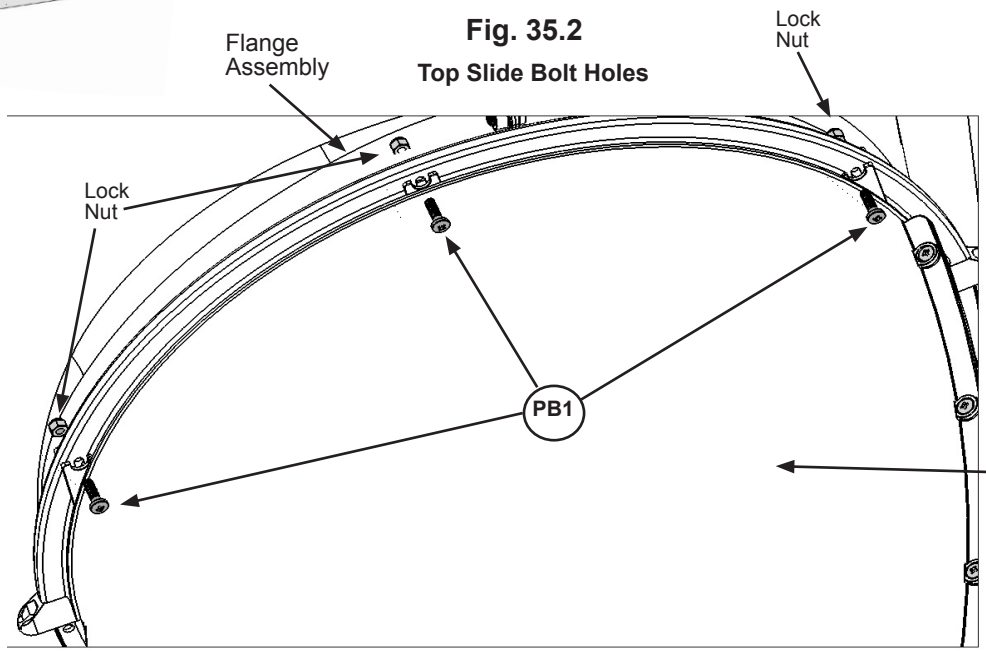


Fig. 35.2

Top Slide Bolt Holes



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 35: 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. 35.5, 35.6 and 35.7.

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. 35.8 and 35.9).

Fig. 35.5

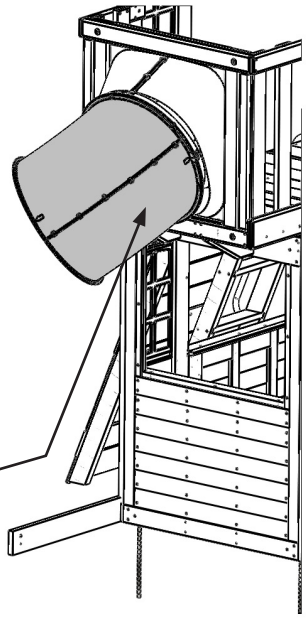


Fig. 35.6

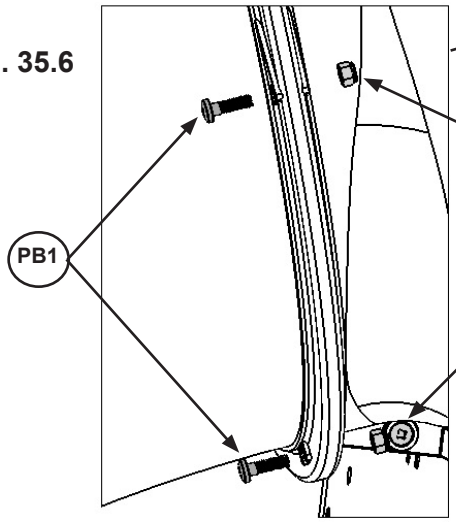


Fig. 35.7 (Side not shown)

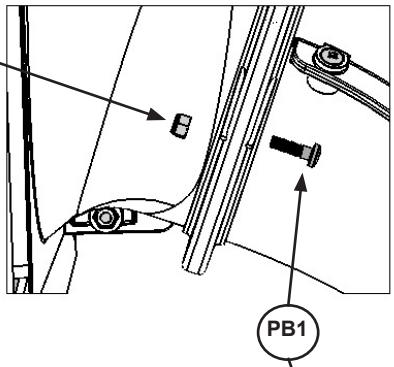


Fig. 35.8

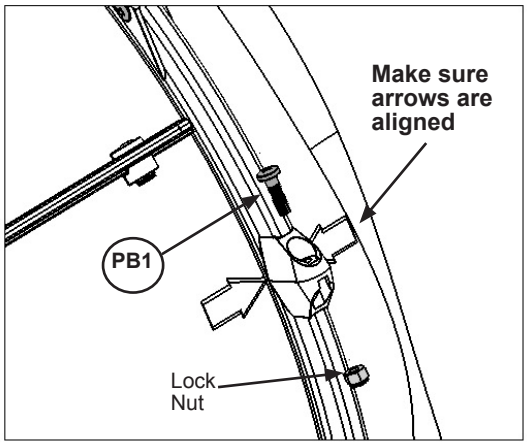
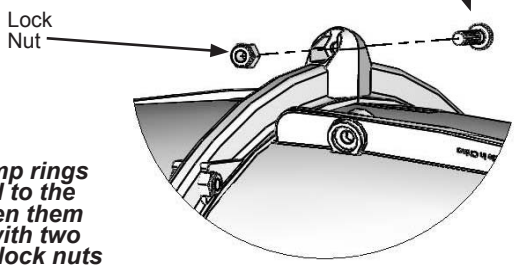


Fig. 35.9



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 36: Attach Elbow Assembly to Elbow Assembly Part 1

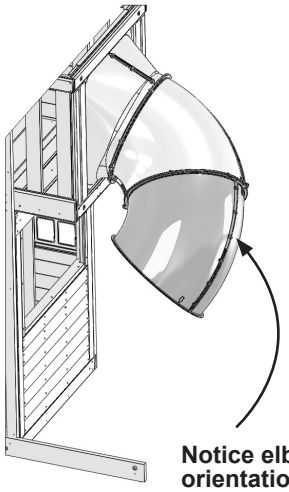
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

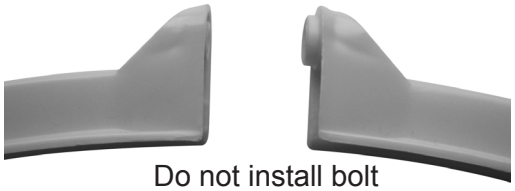
A: Fit a second Elbow Assemblies to the first Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 36.1)

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. 36.2 and 36.3.

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

Fig. 36.1





Do not install bolt in Clamp Ring ends until Step 36D

Fig. 36.2

Top Slide Bolt Holes

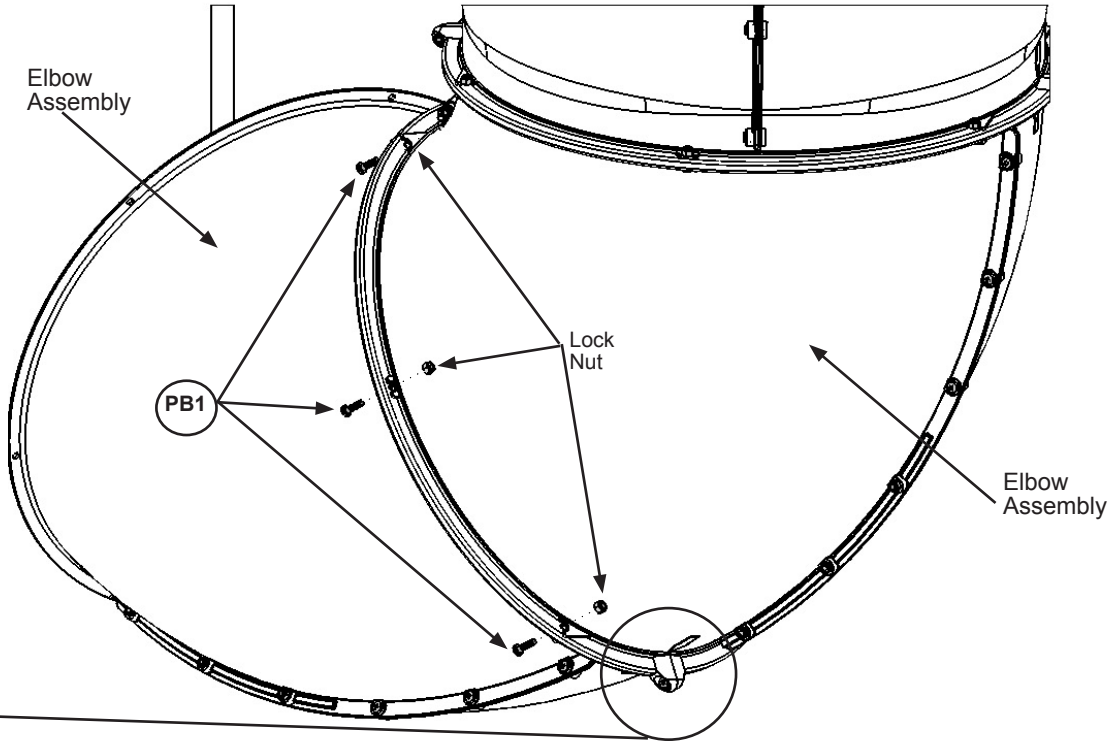
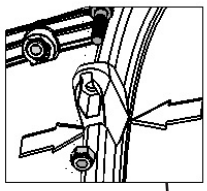


Fig. 36.3



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 36: 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. 36.3 and 36.4.

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. 36.3 and 36.5).

Fig. 36.4

Bottom Slide Bolt Holes

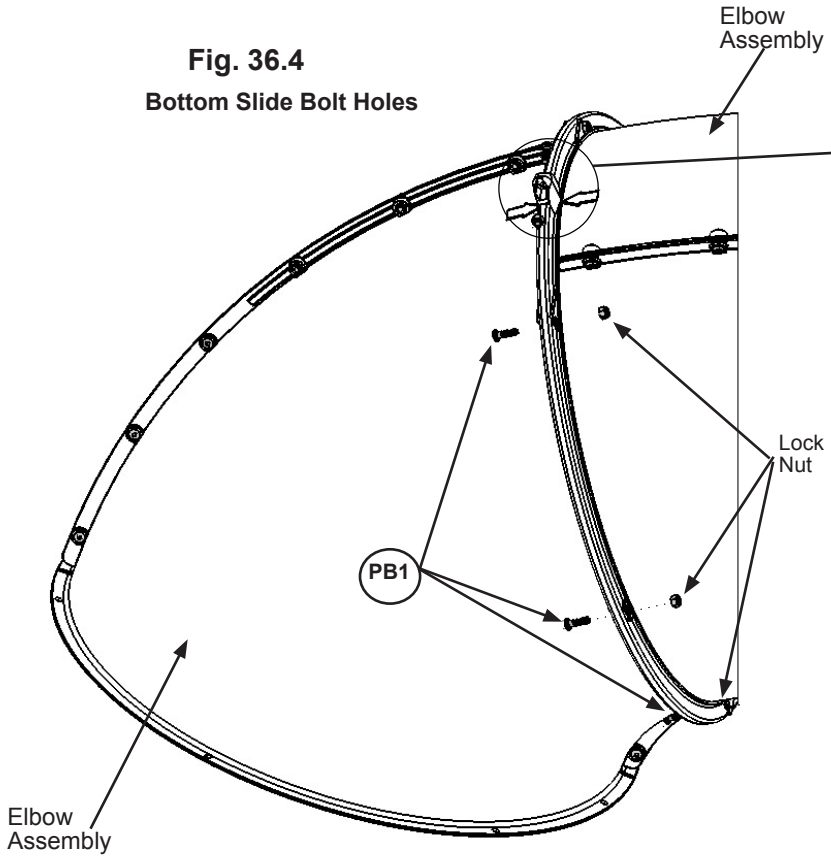
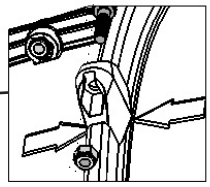
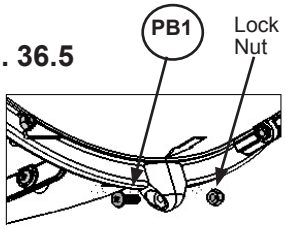


Fig. 36.3



Make sure arrows are aligned

Fig. 36.5



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 37: 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 35 and 36.

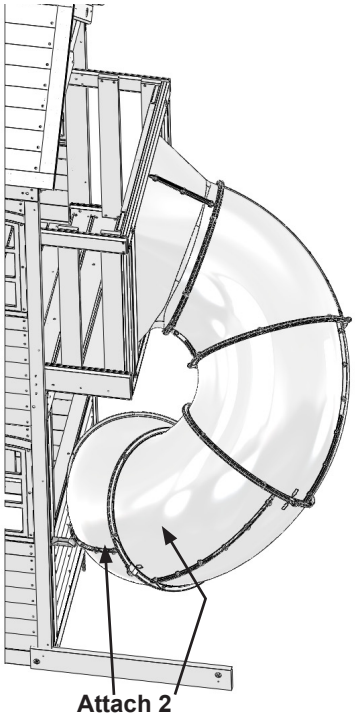
B: On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 33). (fig. 37.1) **The bolt will no longer be needed, but keep the lock nut.**

C: Loosley attach TNR2 Slide 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. 37.2)

D: Rotate TNR2 Slide Support and attach to (032) SL Side Panel using 1 (S6) #12 x 1" Pan Screw as shown in fig. 37.2.

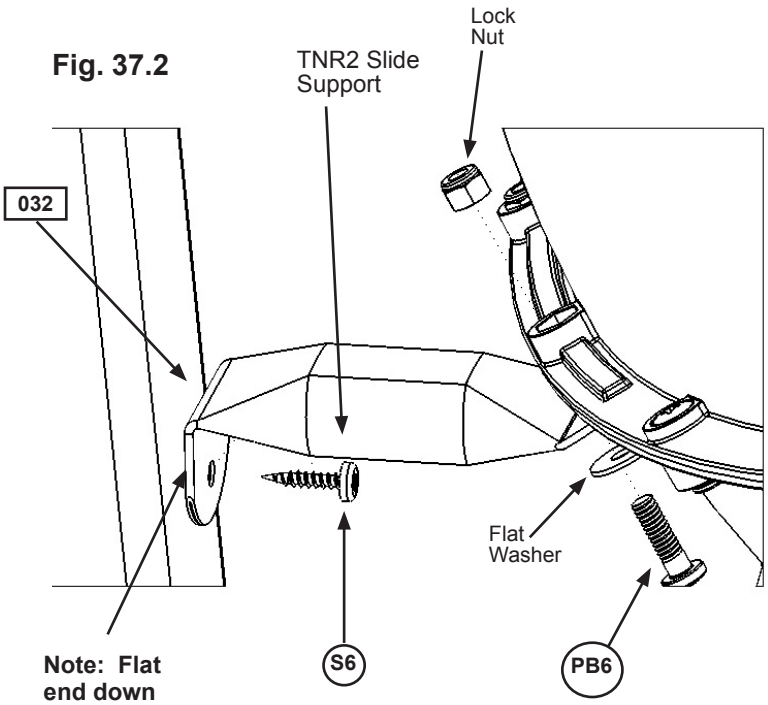
E: Fully tighten screw and bolt.

Fig. 37.1



Attach 2 remaining Elbow Assemblies

Fig. 37.2



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

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 TNR2 Slide Support
4 x TNR2 Slide Clamp Ring

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Step 38: Attach SL Support to SL Bottom

A: Loosely attach (470) SL Support to (050) SL Bottom using 1 (G8) 5/16 x 2" Hex Bolt (with flat washer, lock washer and t-nut) in the top hole and 1 (S15) #8 x 1-3/4" Wood Screw in the bottom hole. (fig. 38.1 and 38.2)

B: Insert (470) SL Support into TNR2 Post Mount and attach with 2 (PB2) 1/4 x 1-1/4" Pan Bolts (with lock washer and t-nut). **Keep these bolts loose.** (fig. 38.2)

C: Use (470) SL Support 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. 38.3)

D: Attach the top of the TNR2 Post Mount to TNR2 Slide Clamp Ring using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with the previously removed lock nut). (fig. 38.4)

E: Tighten all the bolts and the screw from this step.

Fig. 38.1

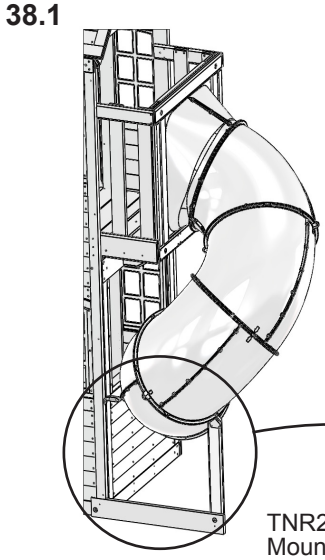


Fig. 38.2

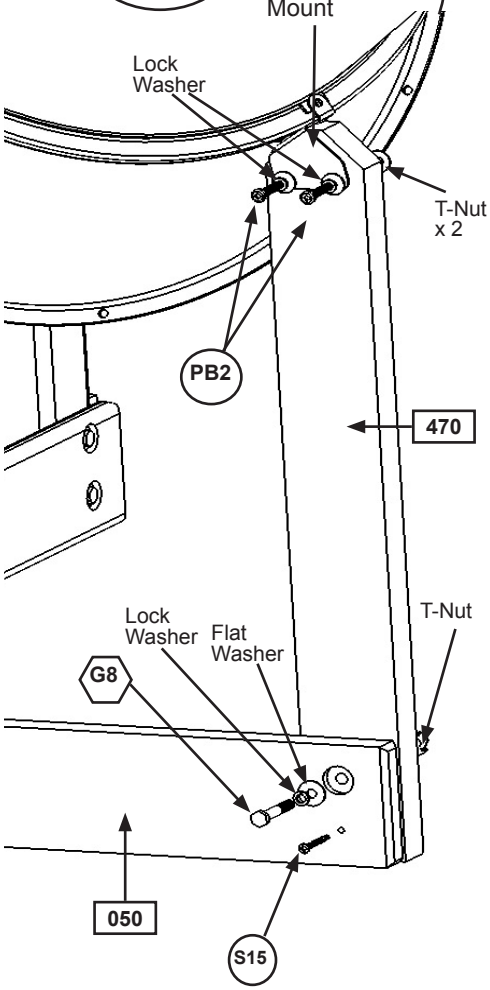
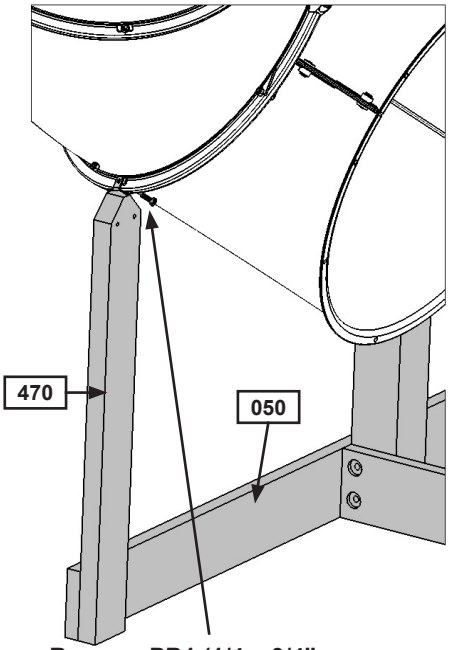
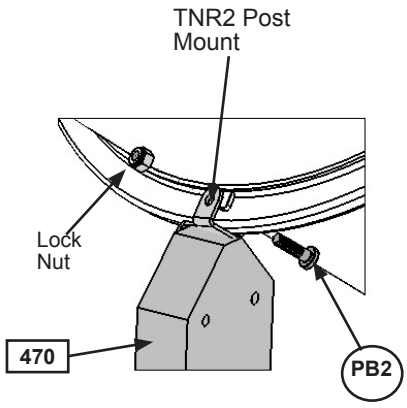


Fig. 38.3



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

Fig. 38.4



Wood Parts

1 x 470 **SL Support FSC 2 x 4 x 26-1/4"**

Hardware

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

3 x PB2 **1/4 x 1-1/4" Pan Bolt**
2 - (1/4" lock washer & 1/4" t-nut)
1 - (1/4" lock nut - previously removed)

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

Other Parts

1 x TNR2 Post Mount

Step 39: Attach TNR2 Slide Exit to Exit Elbow Assembly

A: Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR2 Slide Exit. (fig. 39.1)

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. 39.2 and 39.3)

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. 39.1

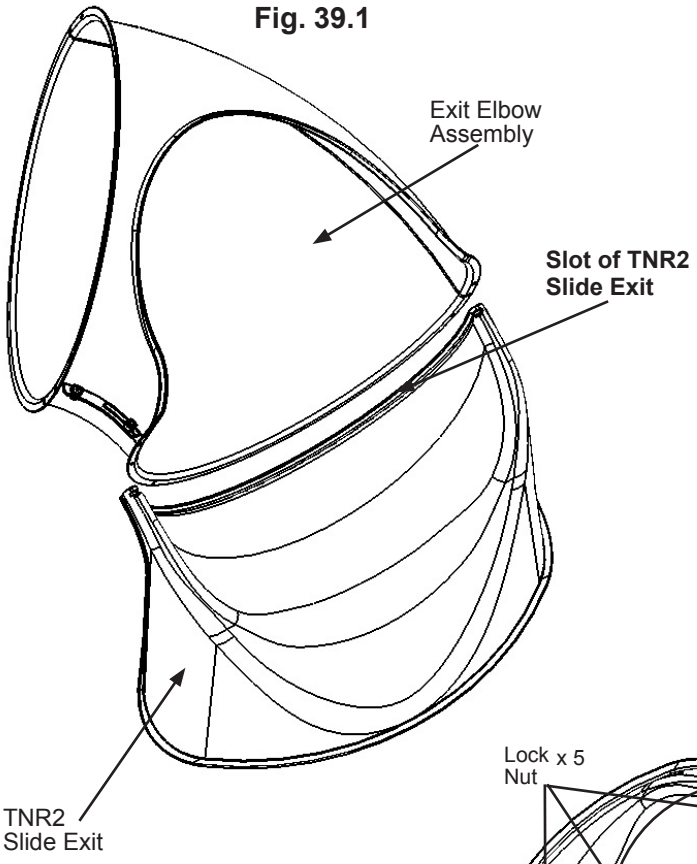
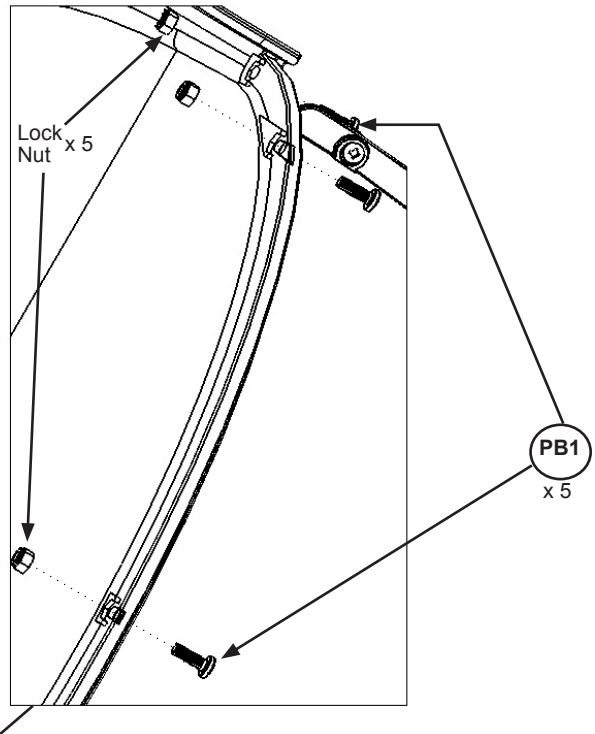


Fig. 39.3



Bottom of Slide Views

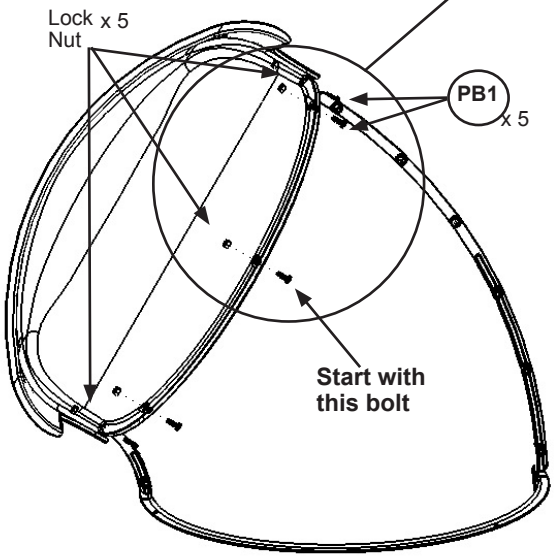


Fig. 39.2

Hardware

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

Other Parts

1 x TNR2 Slide Exit

Step 40: 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. 40.1)

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. 40.1.

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), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 40.2.

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. 40.3).

Fig. 40.1 Top Slide Bolt Holes

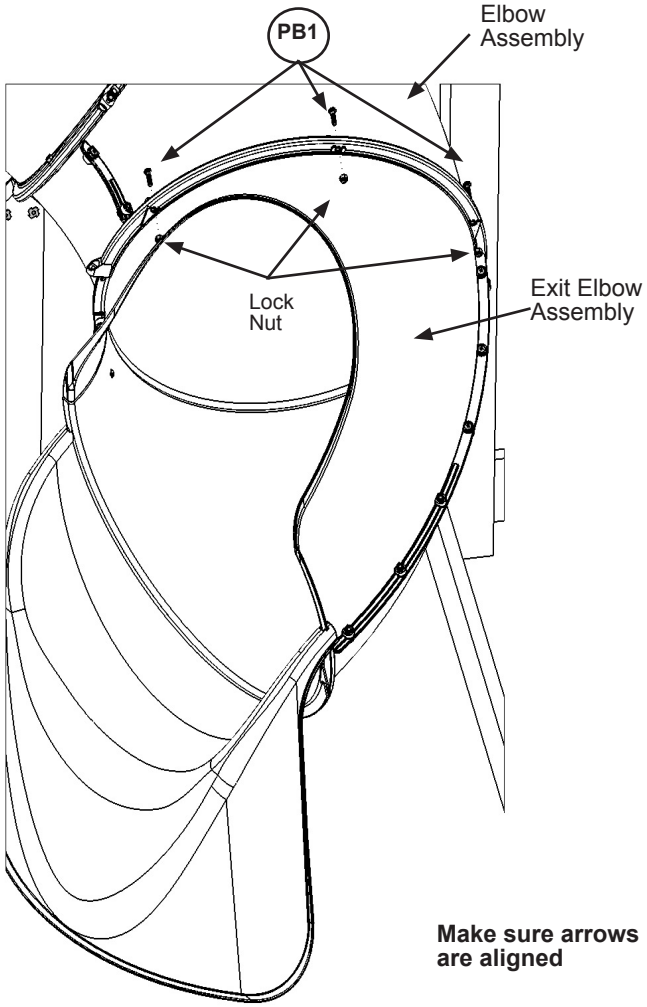


Fig. 40.2 Bottom Slide Bolt Holes

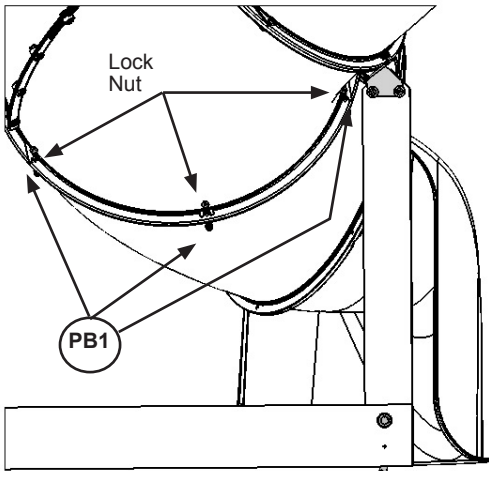
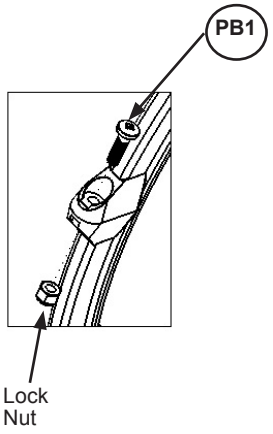


Fig. 40.3

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 41: Attach Ground Stake to SL Support

A: In the spot shown in fig. 41.1 drive 1 Rebar Ground Stake 13” into the ground against the (470) SL Support. 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 (470) SL Support using 1 (S7) #12 x 2” Pan Screw as shown in fig. 41.2.

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 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. 41.2

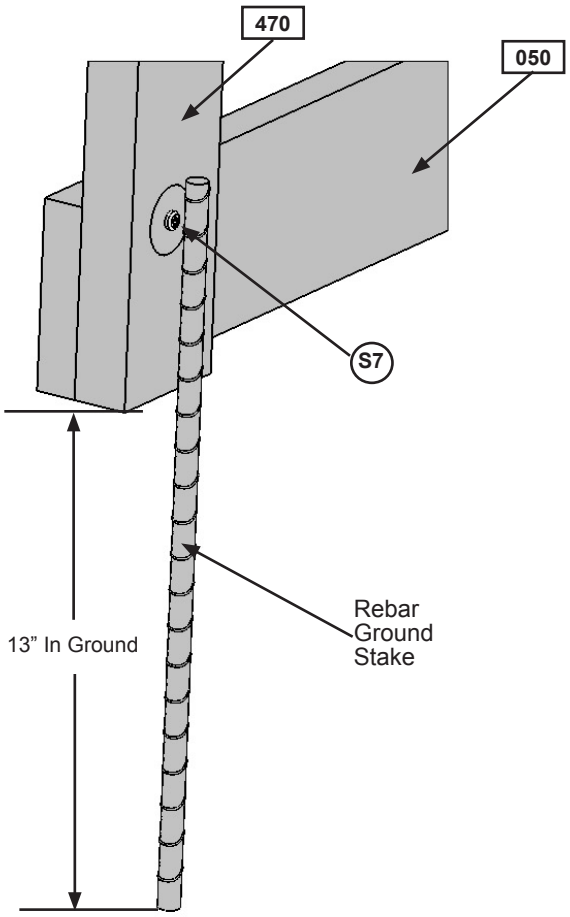
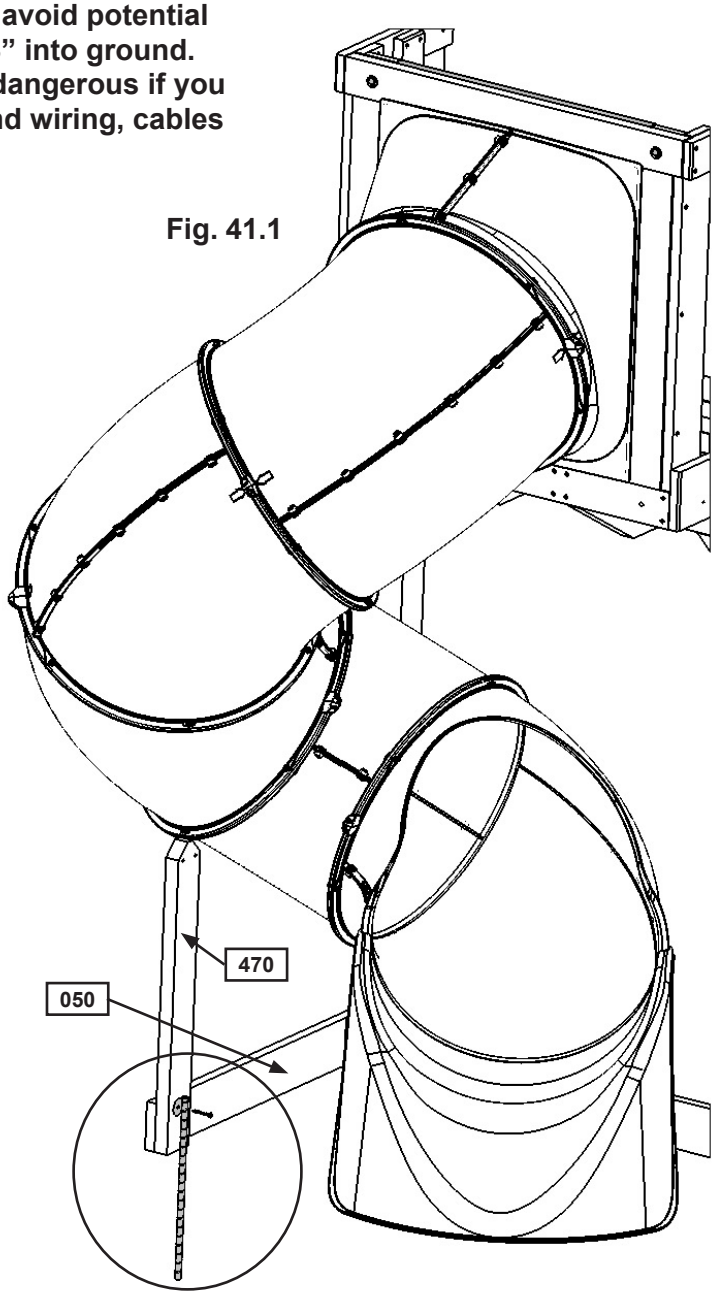


Fig. 41.1



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

Hardware	Other Parts
1 x (S7) #12 x 2” Pan Screw	1 x Rebar Ground Stakes

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Step 42: Attach Slide to Fort

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

A: Place Slide centred in the opening between (081) Crowsnest Posts. (fig. 42.1 and 42.2)

B: Attach slide to fort through the floor boards and into (080) Slidenest Joist using 3 (S7) #12 x 2" Pan Screws. (fig. 42.2 and 42.3)

Fig. 42.1

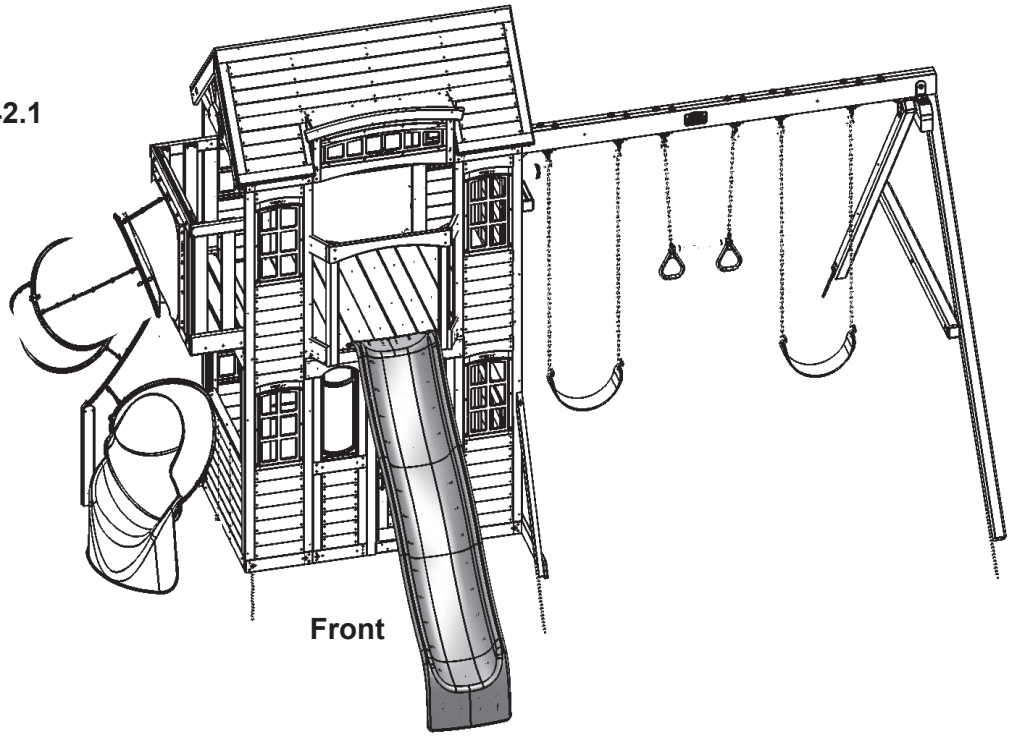


Fig. 42.2

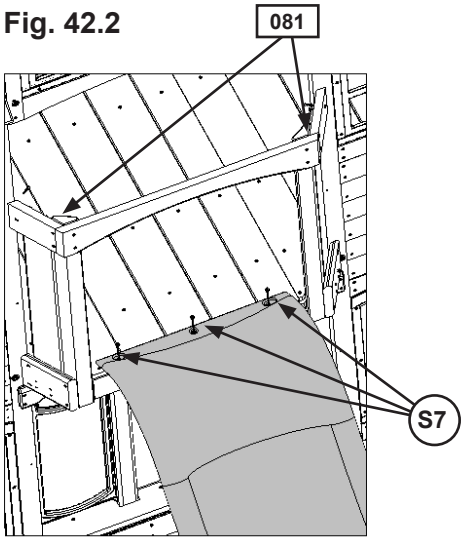
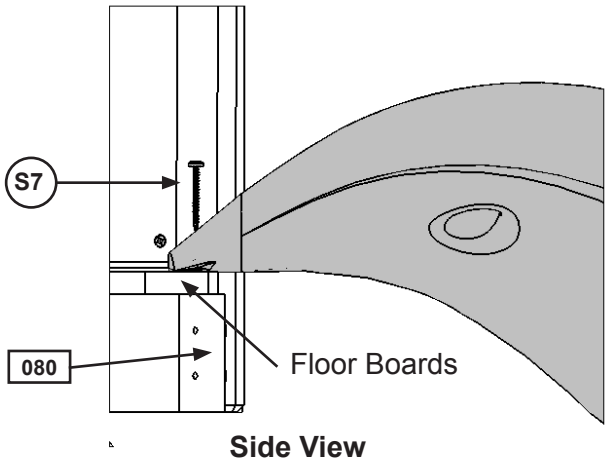


Fig. 42.3



Side View

Hardware

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

Other Parts

1 x Slide

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Step 43: Picnic Table Assembly Part 1

A: Loosely attach 1 (011) Support Table and 1 (012) Support Seat to 2 (010) CE Table Legs using 2 (G8) 5/16 x 2” Hex Bolts (with lock washer, flat washer and t-nut) per board, as shown in fig. 43.1 and 43.2. Make sure (011) Support Table is level and flush with top of each (010) CE Table Legs and the angled edges of (011) Support Table and (012) Support Seat are facing down. The distance between (011) Support Table and (012) Support Seat must measure a minimum of 9”. Then secure with 2 (S15) #8 x 1-3/4” Wood Screws per board and tighten bolts. (fig. 43.1)

B: Repeat Step A to create 2 Table End Assemblies.

Fig. 43.1
Inside View

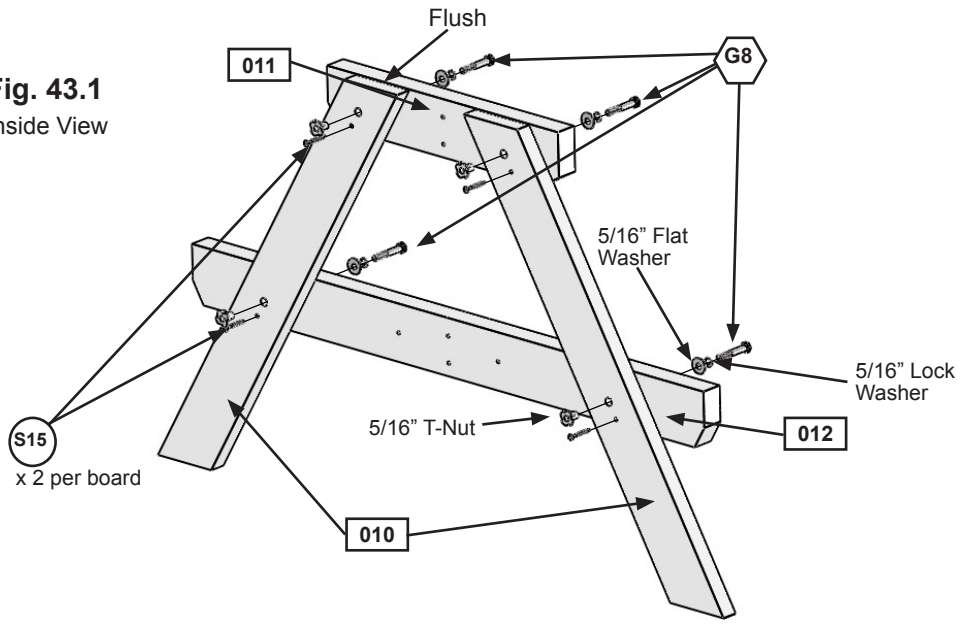
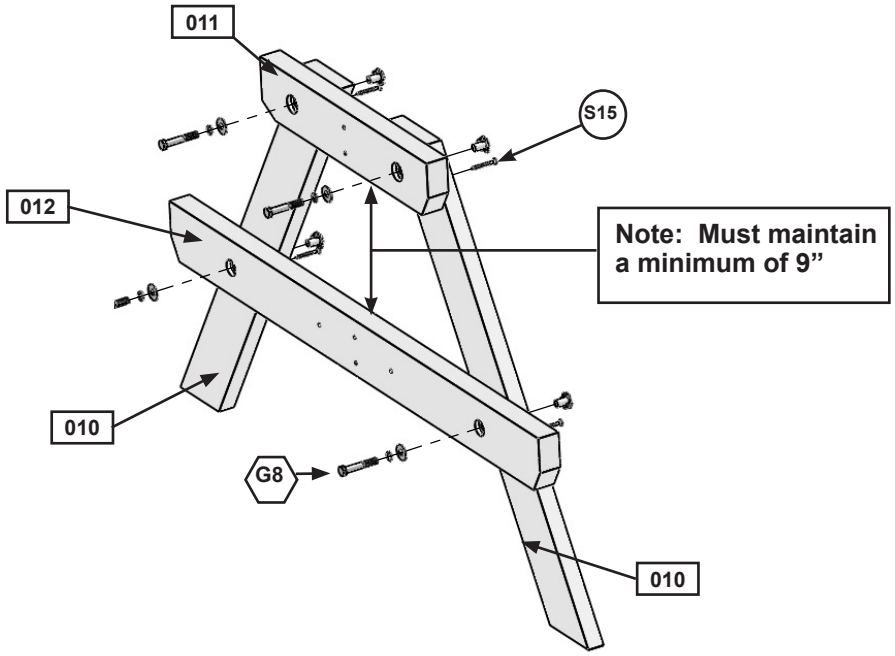


Fig. 43.2
Outside View



Wood Parts

- 4 x 010 **CE Table Leg FSC 5/4 x 4 x 29-1/2”**
- 2 x 011 **Support Table FSC 2 x 4 x 16-1/4”**
- 2 x 012 **Support Seat FSC 2 x 4 x 36”**

Hardware

- 8 x S15 **#8 x 1-3/4” Wood Screw**
- 8 x G8 **5/16 x 2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

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Step 43: Picnic Table Assembly Part 2

C: With assistance from another adult, attach (013) Table Rail to each (012) Support Seat using 4 (S4) #8 x 3" Wood Screws, as shown in fig. 43.3.

D: Attach 1 (014) Seat to each side of the Table Assembly, on each (012) Support Seat, using 4 (S15) #8 x 1-3/4" Wood Screws per (014) Seat, as shown in fig. 43.4.

Note: *The outside edges of both (014) Seats should be flush to the top edges of (012) Support Seats. (fig. 43.5).*

Fig. 43.3

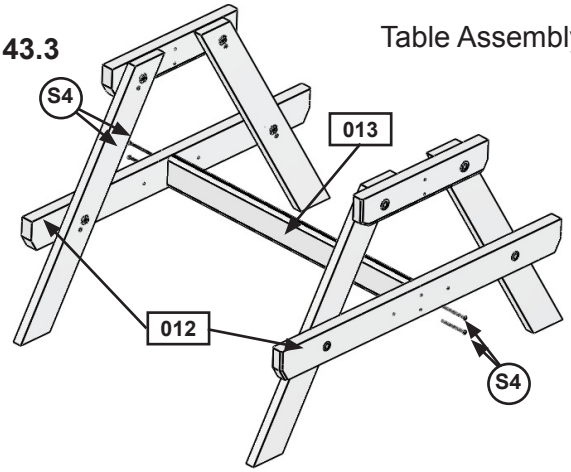


Fig. 43.4

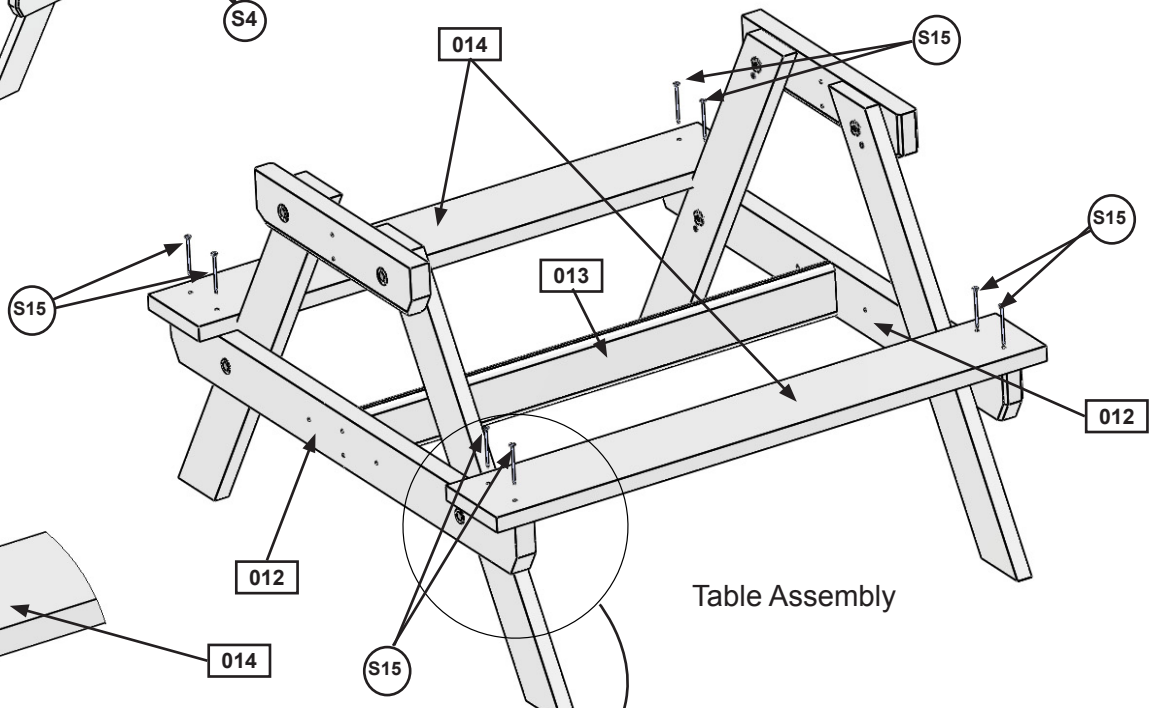
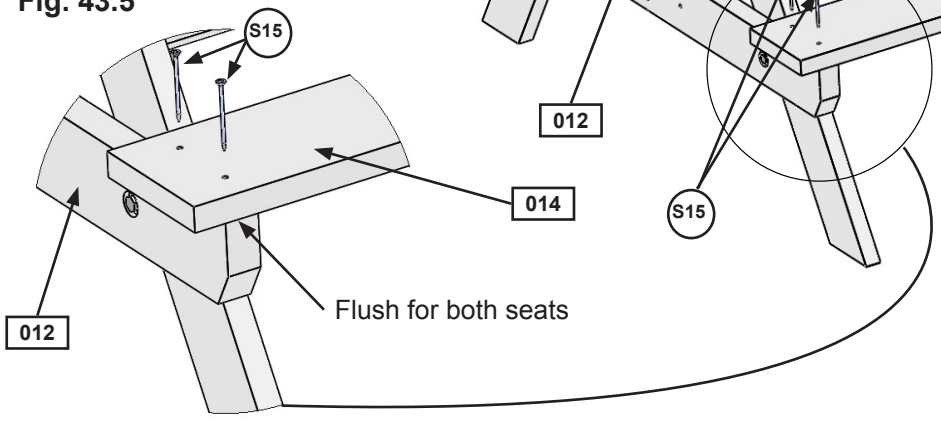


Fig. 43.5



Wood Parts

1 x 013 **Table Rail FSC 5/4 x 4 x 30-3/4"**

2 x 014 **Seat FSC 5/4 x 6 x 36"**

Hardware

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

4 x S4 **#8 x 3" Wood Screw**

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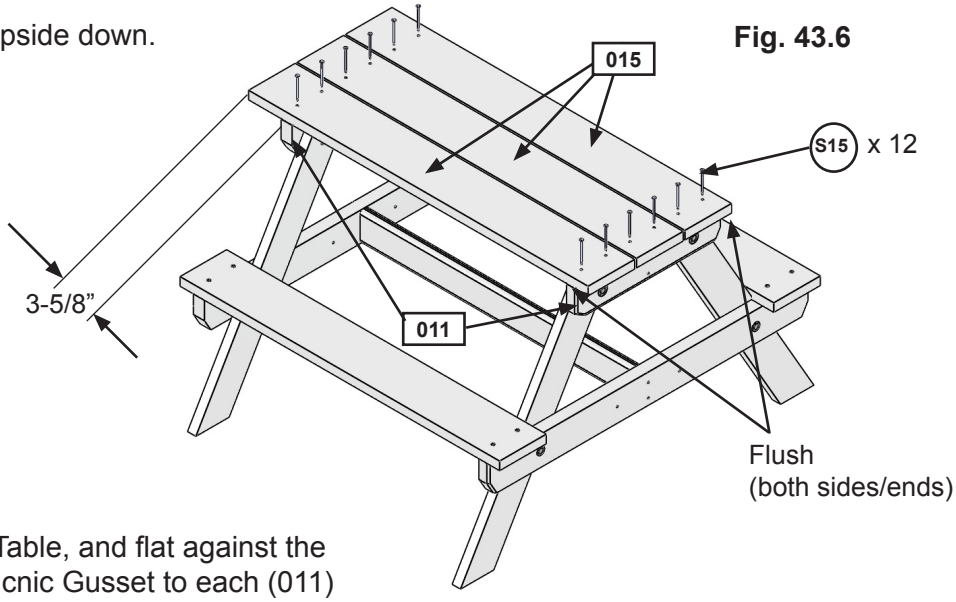
Step 43: Picnic Table Assembly Part 3

E: Place 3 (015) Table Tops on each (011) Support Tables, making sure the outside boards are flush to the outside edges of (011) Support Tables. On one end of the Table Assembly the (015) Table Tops should overhang the edge of (011) Support Table by 3-5/8". This is the side the Tic Tac Toe Assembly will be attached. (fig. 43.6).

F: Attach (015) Table Tops to each (011) Support Table using 4 (S15) #8 x 1-3/4" Wood Screws per board, as shown in fig. 43.6. Make sure to evenly space the centre (015) Table Top.

G: With help, turn the Table Assembly upside down.

Fig. 43.6



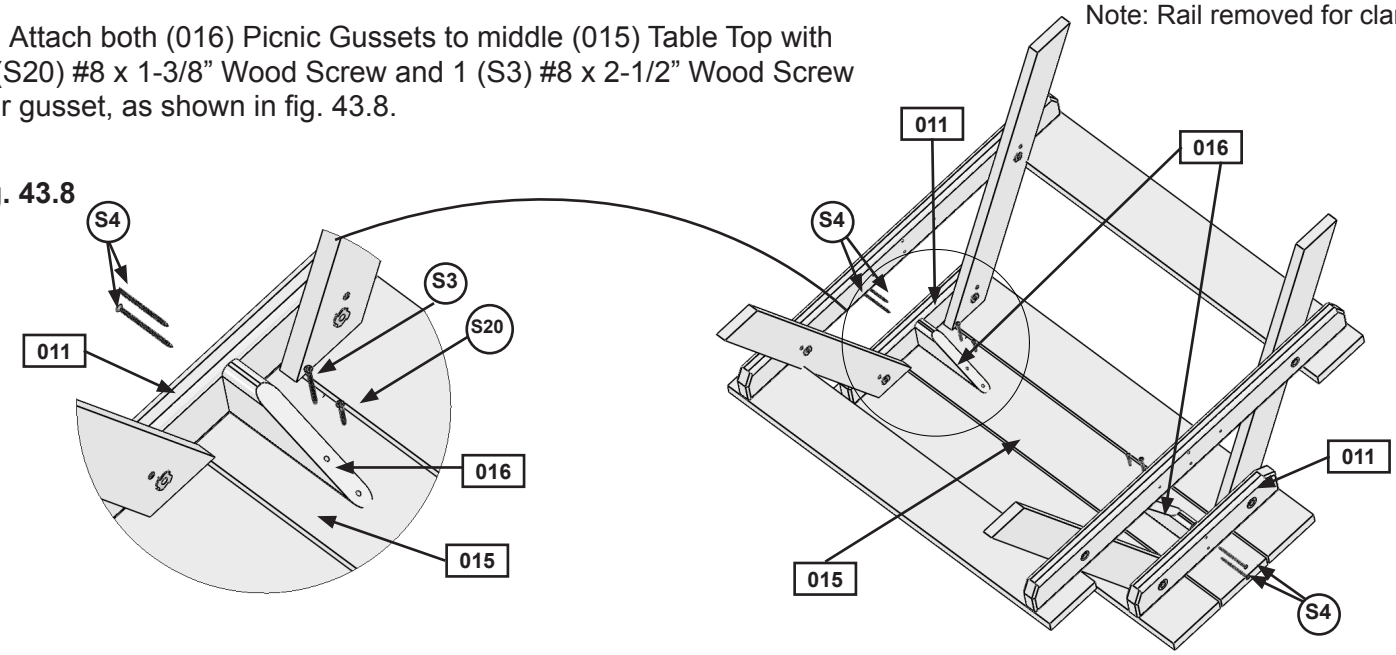
H: On the inside of each (011) Support Table, and flat against the middle (015) Table Top, attach 1 (016) Picnic Gusset to each (011) Support Table using 2 (S4) #8 x 3" Wood Screws per gusset. (fig. 43.7 and 43.8)

Fig. 43.7

Note: Rail removed for clarity.

I: Attach both (016) Picnic Gussets to middle (015) Table Top with 1 (S20) #8 x 1-3/8" Wood Screw and 1 (S3) #8 x 2-1/2" Wood Screw per gusset, as shown in fig. 43.8.

Fig. 43.8



Wood Parts

- 3 x 015 Table Top FSC 5/4 x 6 x 38-1/4"
- 2 x 016 Picnic Gusset FSC 5/4 x 4 x 8"

Hardware

- 2 x S20 #8 x 1-3/8" Wood Screw
- 12 x S15 #8 x 1-3/4" Wood Screw
- 2 x S3 #8 x 2-1/2" Wood Screw
- 4 x S4 #8 x 3" Wood Screw

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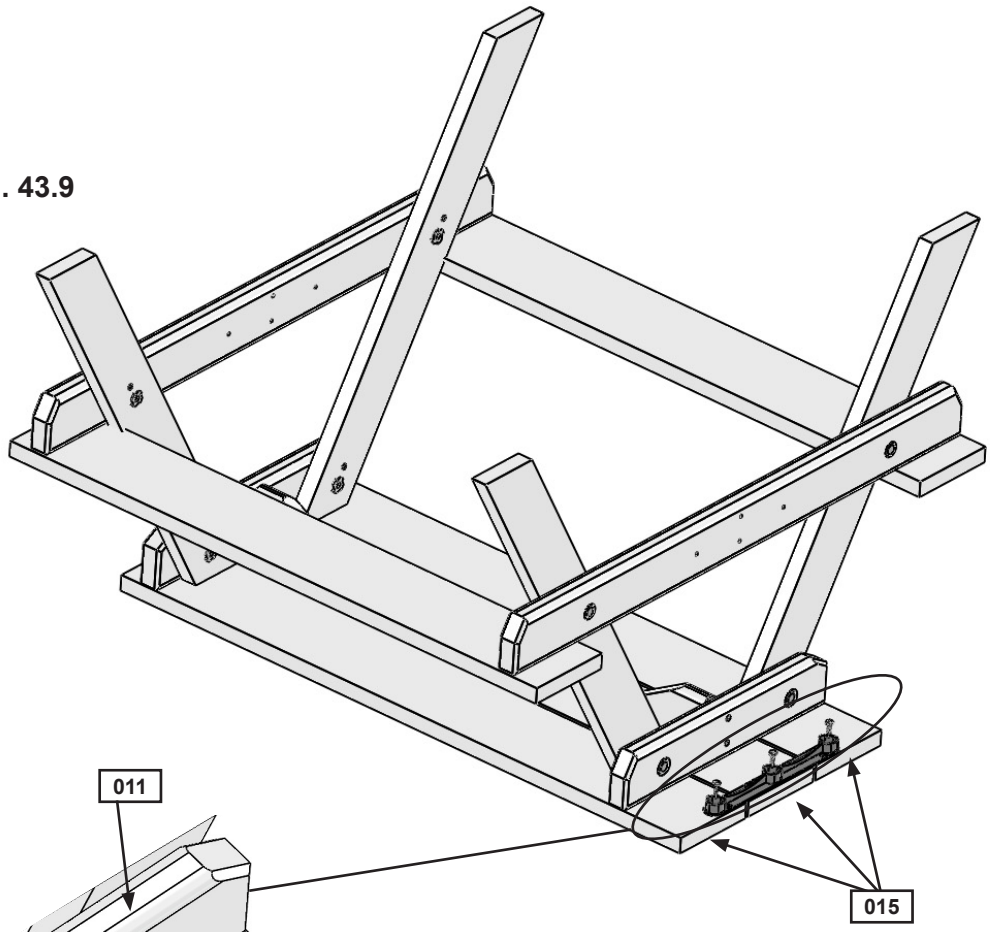
Step 43: Picnic Table Assembly Part 4

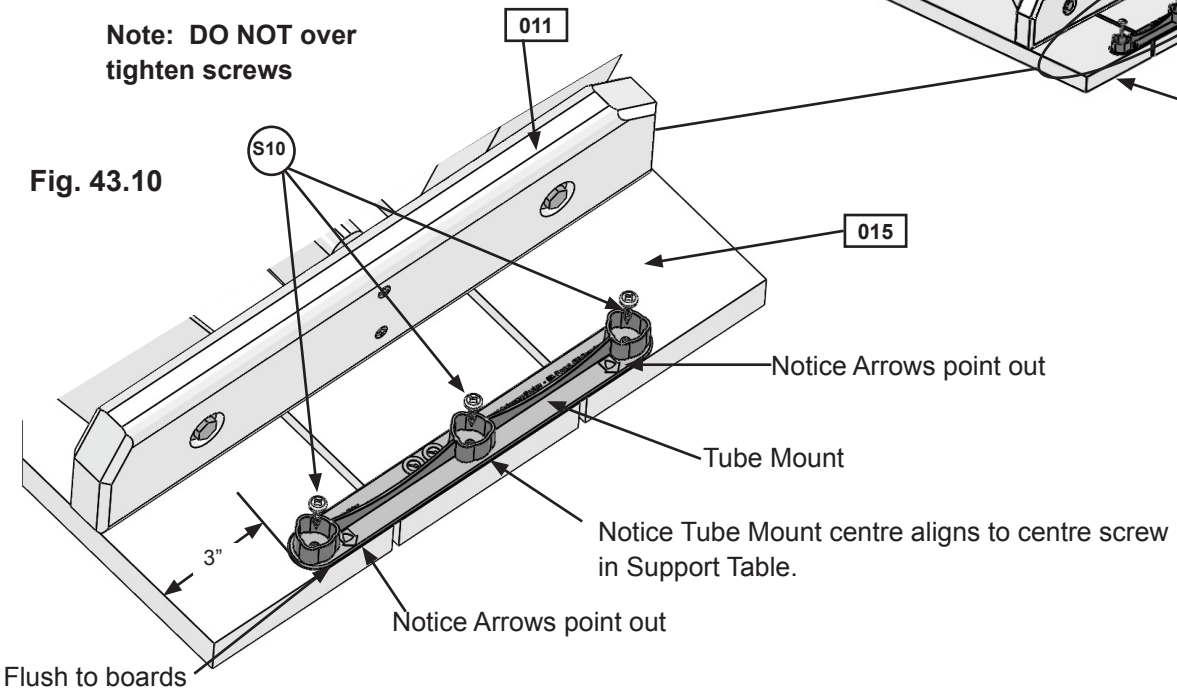
J: On the end of the Table Assembly that overhangs the (011) Support Table measure 3” from the edge of one of the outside (015) Table Tops, then place 1 Tube Mount at the marked out spot with the arrows facing out. The Tube Mount should be flush to the ends of the (015) Table Tops and the centre of the Tube Mount should align with the centre screws in (011) Support Table. Attach Tube Mount to each of the (015) Table Tops with 3 (S10) #8 x 1” Pan Screws. Do not overtighten screws. (fig. 43.9 and 43.10)

Fig. 43.9



Note: DO NOT over tighten screws

Fig. 43.10



Hardware

3 x (S10) #8 x 1” Pan Screw

Other Parts

1 x Tube Mount

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Step 43: Picnic Table Assembly Part 5

K: Feed 3 Tic Tac Toe Drums onto 1 Tic Tac Toe Post. Repeat so there are 3 completed posts. (fig. 43.11 and 43.12)

Fig. 43.11

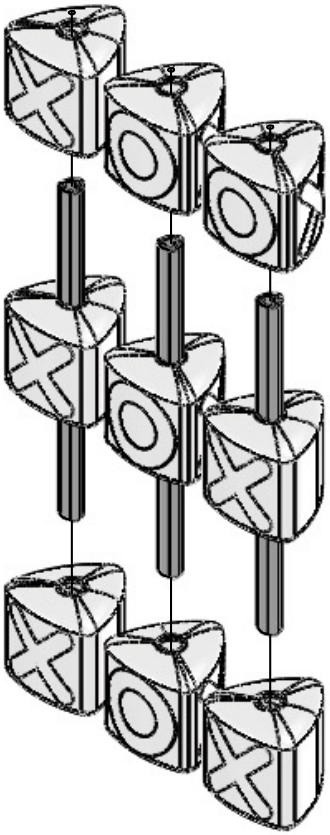
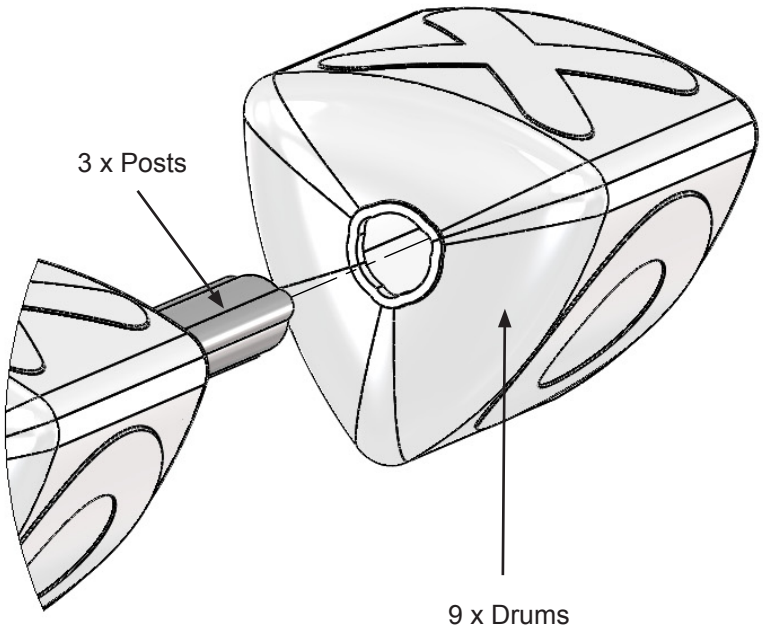


Fig. 43.12



Other Parts

3 x Tic Tac Toe Posts
9 x Tic Tac Toe Drums

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Step 43: Picnic Table Assembly
Part 6

L: Place the other Tube Mount on (017) TTT Bottom, centre should be 9” from one side as shown in fig. 43.13. Make sure the arrows are facing out and it is flush to the front edge of (017) TTT Bottom. Attach with 3 (S10) #8 x 1” Pan Screws. Do not overtighten screws.

M: Place each Tic Tac Toe Post from Step 43, Part 5 into the Tube Mount. (fig. 43.14)

Fig. 43.13

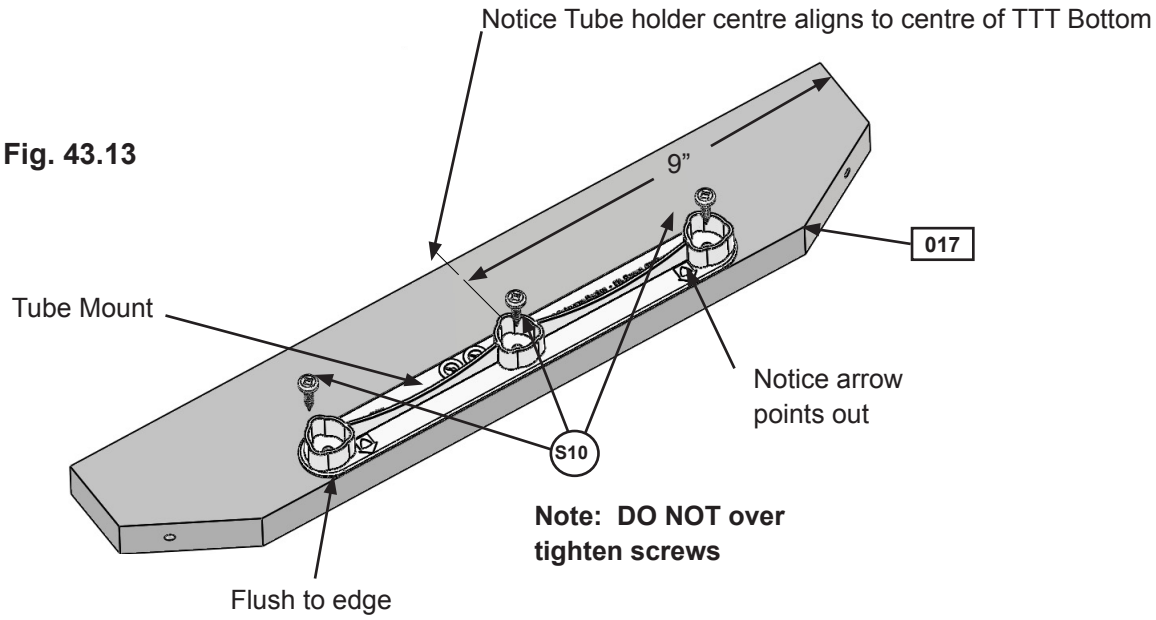
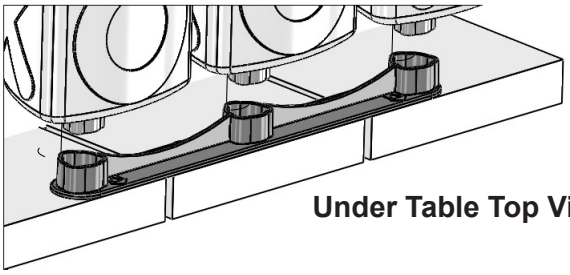


Fig. 43.14



Under Table Top View

Wood Parts	Hardware	Other Parts
1 x 017 TTT Bottom FSC 5/4 x 4 x 18”	3 x S10 #8 x 1” Pan Screw	1 x Tube Mount

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Step 43: Picnic Table Assembly
Part 7

N: Table top should be on a flat, level surface. Place (017) TTT Bottom with Tube Mount over top the Tic Tac Toe assembly (fig. 43.15) then attach (017) TTT Bottom to (012) Support Seat with 4 (S4) #8 x 3" Wood Screws, 2 from the outside and 2 from the inside as shown in fig. 43.16 and 43.17. Make sure Tic Tac Toe Posts are secure and tight in each Tube Mount.

Note: *The Tic Tac Toe Drums should move with ease without any obstructions.*

Fig. 43.17

Outside View

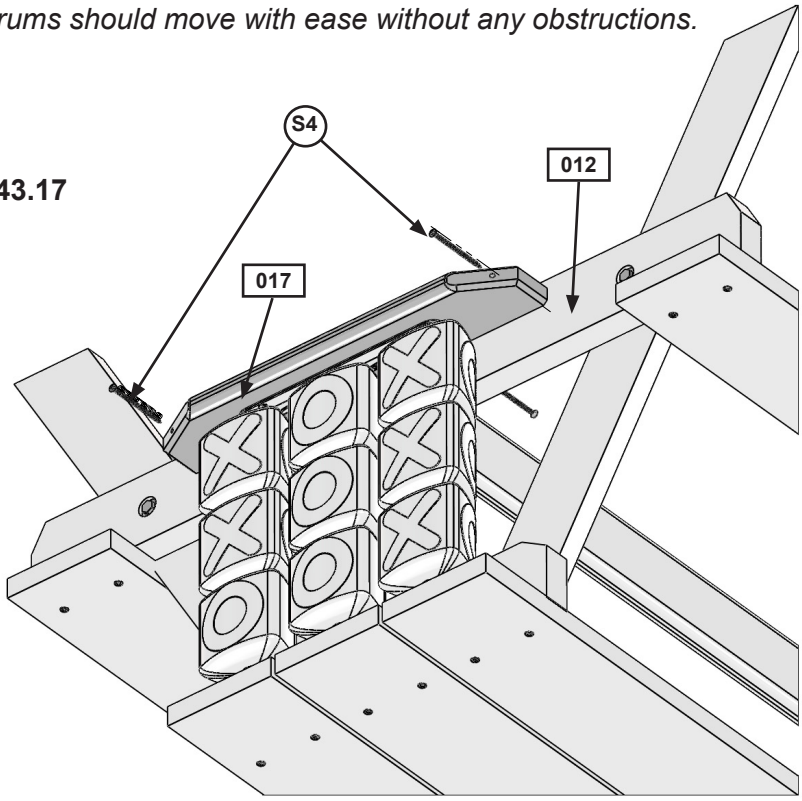


Fig. 43.15

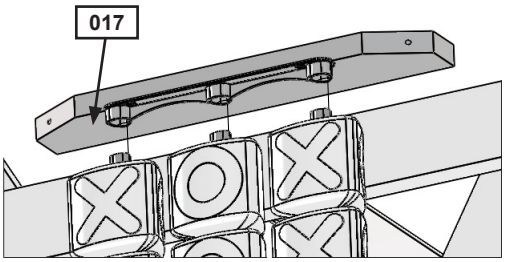
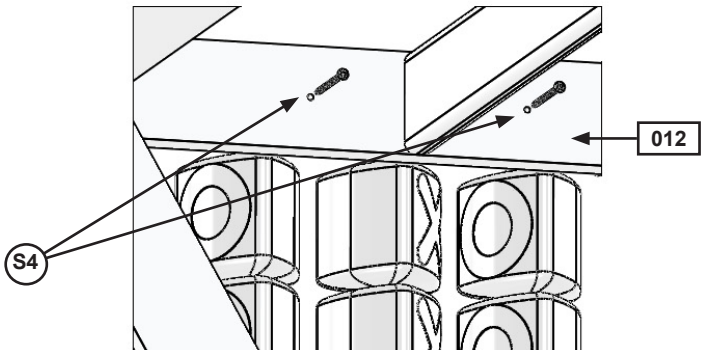


Fig. 43.16

Inside View



Hardware

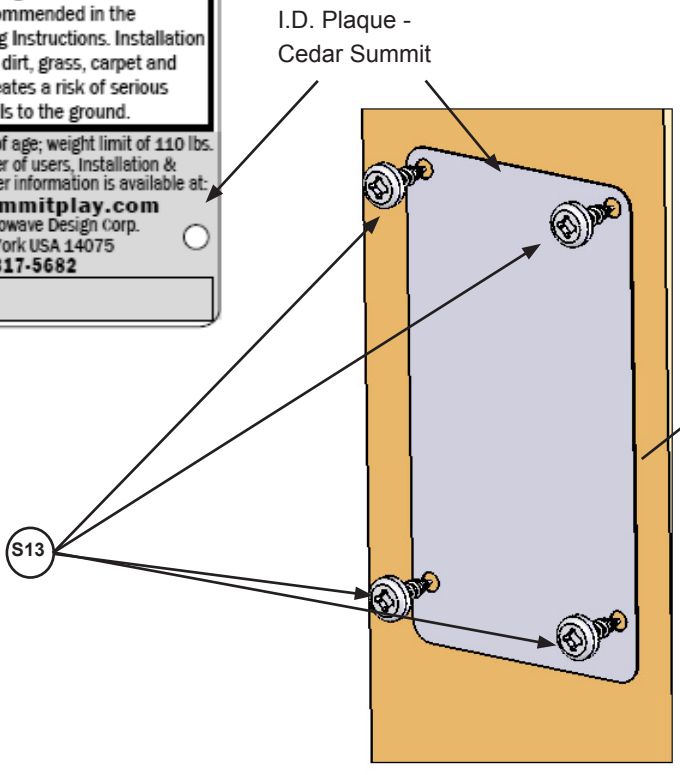
4 x (S4) #8 x 3" Wood Screw

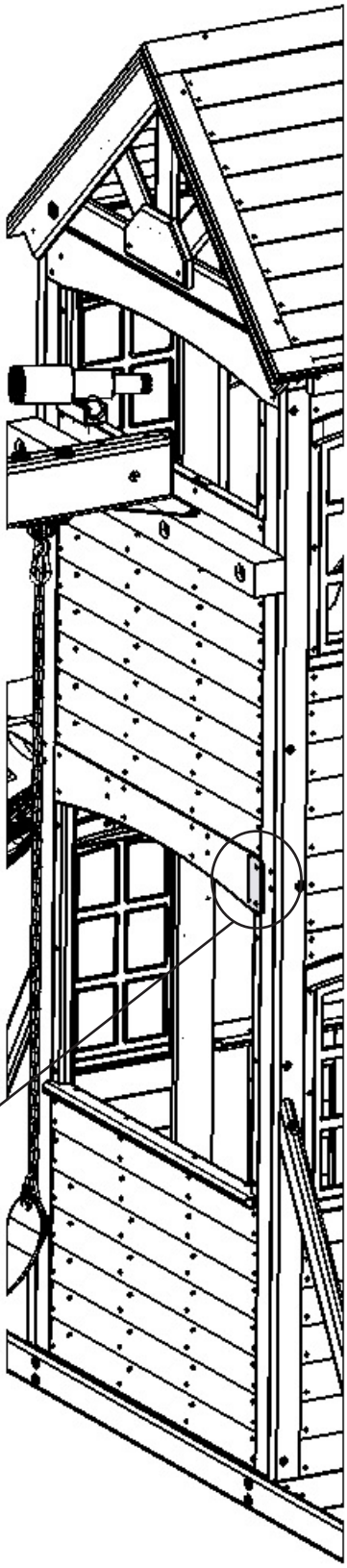
Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO A 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

NOTES

CEDAR SUMMIT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number | (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

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

How would you rate this product for ease of assembly?

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

How would you rate our instructions?

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

How would you rate the quality of packaging?

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

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

☐ Yes ☐ No

Comments:

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REVISION: 11/28/12

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

CUT ALONG LINE