

F29735

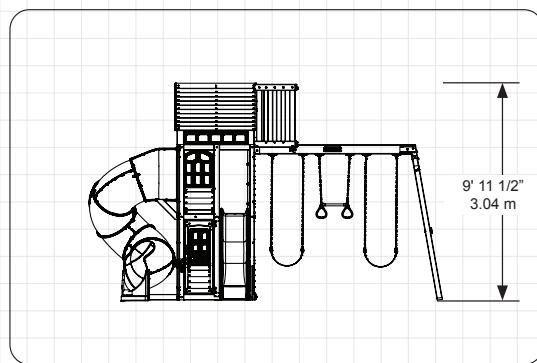
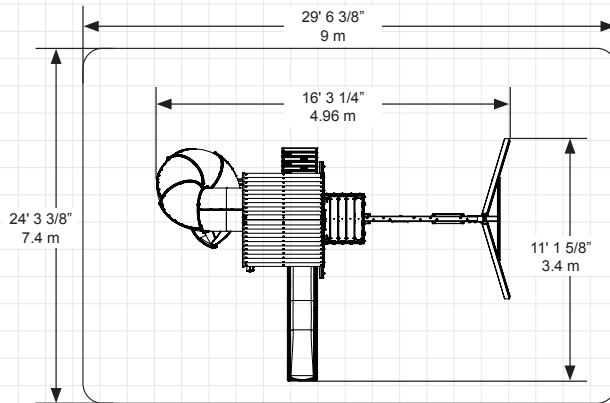
RIDGE MOOR PERCH SWING SET

OBSTACLE FREE SAFETY ZONE - 29' 6 3/8" L x 24' 3 3/8" D x 16' 5 1/2" H (9m x 7.4m x 5m) area requires Protective Surfacing. See Page 4.

MAXIMUM VERTICAL FALL HEIGHT - 7' 5/16"(2.23m)

CAPACITY - 10 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (50 kg) per child.

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



INSTALLATION AND OPERATING INSTRUCTIONS

FOR 24/7 ONLINE PARTS REPLACEMENT

parts.kidkraft.com

KidKraft, Inc.
4630 Olin Road
Dallas, Texas 75244
USA

customerservice@kidkraft.com
1.800.933.0771
972.385.0100

parts.kidkraft.eu

KidKraft Netherlands BV
Olympisch Stadion 8
1076 DE Amsterdam
The Netherlands
europecustomerservice@kidkraft.com
+31 20 305 8620
M-F from 09:00 to 17:30 (GMT+1)

9409735

Rev 12/14/2023



TWO-PERSON
ASSEMBLY



ASSEMBLY TIME
12 - 18 HOURS



WARNING ONLY
FOR OUTDOOR
DOMESTIC USE

⚠️ WARNING

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



Congratulations on purchasing a KidKraft product!

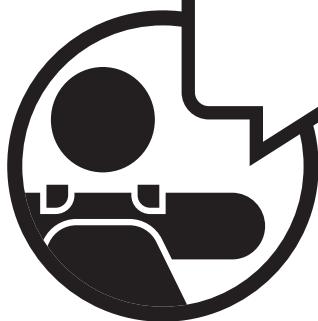
Our items are made of high-quality, durable Cunninghamia Lanceolata wood from the cypress family.

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

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

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

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



Warnings and Safe Play Instructions



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



WARNING

SERIOUS HEAD INJURY HAZARD

Installation over concrete, asphalt, dirt, grass, carpet and other hard surface creates a risk of serious injury or death from falls to the ground. Install and maintain shock absorbing material under and around play-set as recommended on page 4 of these instructions.

COLLISION HAZARD

Place play-set on level ground at least 2m from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

CHOKING HAZARD/SHARP EDGES & POINTS

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

WARNING LABEL

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

STRANGULATION HAZARD

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

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

TIP OVER HAZARD

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

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

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



WARNING – Safe Play Instructions

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

- ✗ Do not allow children to wear open toe or heel footwear like sandals, flip-flops or clogs.
- ✗ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✗ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✗ Do not let children get off rides while they are in motion.
- ✗ Do not permit climbing on equipment when it is wet.
- ✗ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✗ 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 (23 cm) of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet (2.45 m) high; and 9 inches (23 cm) of sand or pea gravel for equipment up to 5 feet (1.5 m) high. NOTE: An initial fill level of 12 inches (31 cm) will compress to about a 9-inch (23 cm) depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically raked and refilled to maintain at least a 9-inch (23 cm) depth.
- Use a minimum of 6 inches (16 cm) of protective surfacing for play equipment less than 4 feet (1.22 m) in height. If maintained properly, this should be adequate. (At depths less than 6 inches (16 cm), the protective material is too easily displaced or compacted.)

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

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

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

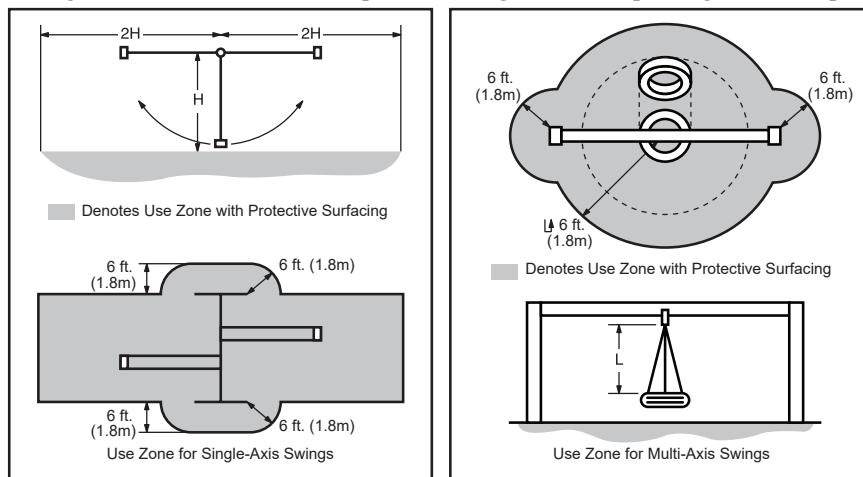
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

Placement

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

- Extend surfacing at least 6 feet (1.8 m) from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet (1.8 m) in all directions.



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

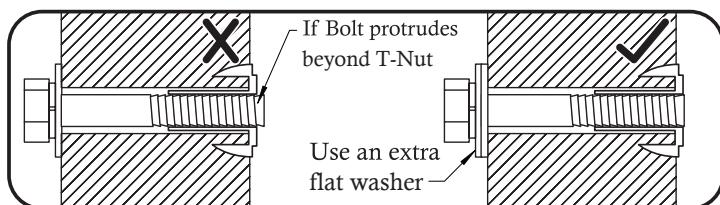
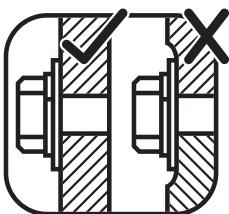
Instructions for Proper Maintenance

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

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 4)

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 4)

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 4)

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

About Our Wood

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

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

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

1. **Checking** is surface cracks in the wood along the grain. A post 4" x 4" (101mm x 101mm) will experience more checking than a board 1" x 4" (25mm x 101mm) because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

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

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

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

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

KidKraft Limited Warranty

MISSING OR DAMAGED PARTS:

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

Fig. 1	<u>Product Age (All Parts)</u> 0-90 Days from date of purchase	<u>Consumer Pays</u> \$0 for Part + Free Shipping
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DEFECTS IN MATERIAL AND WORKMANSHIP:

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

Fig. 2	<u>Product Age (All Parts)</u> 91 Days to 1 Year	<u>Consumer Pays</u> \$0 for Part + Free Shipping
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WOOD ROT, DECAY, AND INSECT DAMAGE:

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

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

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

This Limited Warranty does NOT cover:

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

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

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

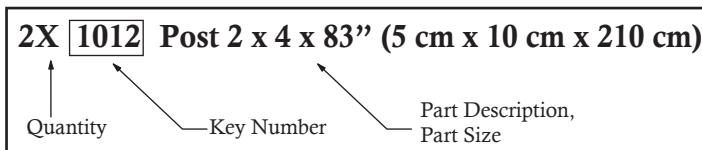
Keys to Assembly Success

Tools Required

<ul style="list-style-type: none">• Tape Measure• Carpenters Level• Carpenters Square• Claw Hammer• Standard or Cordless Drill• Rubber Mallet	<ul style="list-style-type: none">• #1 Phillips, #2 Robertson and Screwdriver• Ratchet with extension 1/2" (13mm) & 7/16"(11 mm) sockets	<ul style="list-style-type: none">• Open End Wrench 1/2" (13mm) & 7/16"(11 mm)• Adjustable Wrench• 1/8"(3mm) & 3/16"(5mm) Drill Bits	<ul style="list-style-type: none">• 3/16"(5mm) Hex Key• 8' (2.4m) Step Ladder• Safety Glasses• Adult Helpers• Pencil
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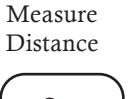
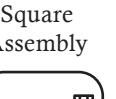
Part Identification Key

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



Symbols

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

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



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.

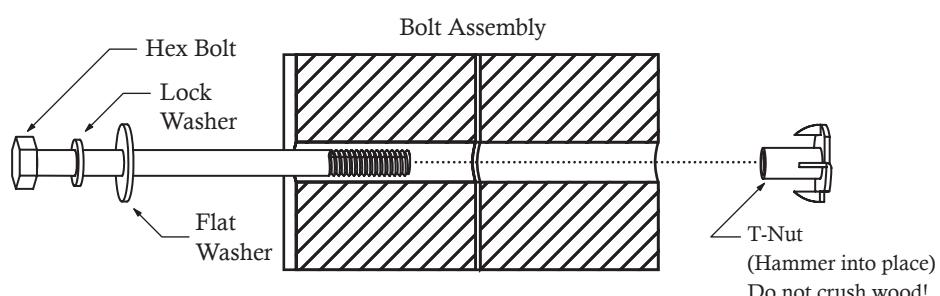
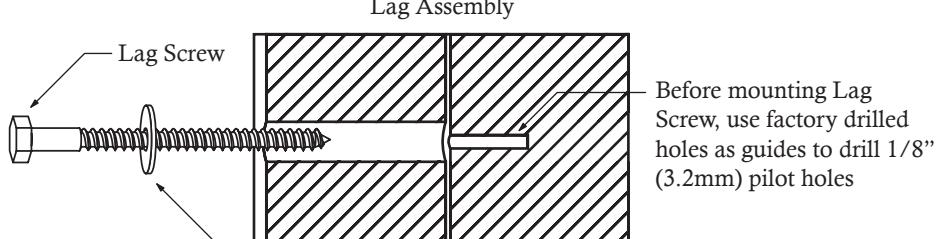
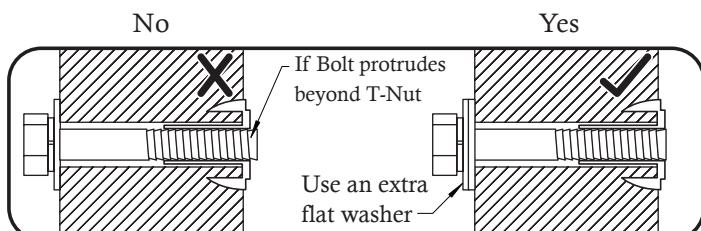
Extra washers have been pro-

Proper Hardware Assembly

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

For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. $5/16"$ (8mm) is slightly larger than $1/4"$ (6.4mm).

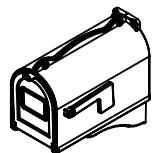
Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.



Part Identification (Reduced Part Size)



1x - KidKraft ID Plaque (3320374)



1x - Mailbox (3320107)

6x - Rebar Ground Stake (9290318)



6x - Quick Link with Thread (9200020)



1x - KidKraft Logo Plaque (3320353)



4x - Jamb Mount (9206300)

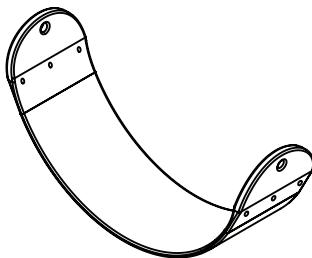
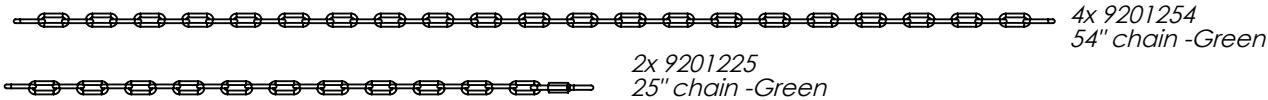


2x - Rock A - Green (9320195)
1x - Rock A - Yellow (9320196)

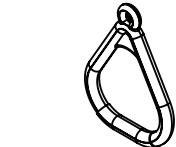


1x - Rock B - Green (9320295)
1x - Rock B - Yellow (9320296)

1x - Welded Chain Bag

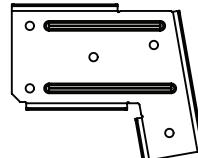


2x - Swing Belt Seat (9320130) Green

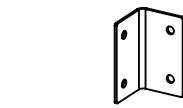
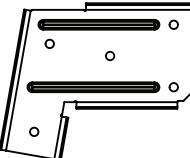


2x - Acro Handle (9320131) Green

1x - Beam Brkt. Left (9200144)



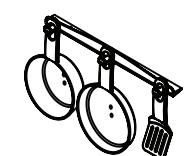
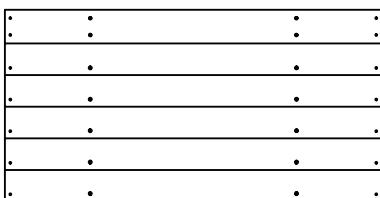
1x - Beam Brkt. Right (9200143)



2x - Beam L Brkt (9200145)



(2) 2756
Siding Assembly 1 1/4 x 19-15/16 x 39-3/16" (32 x 506 x 995mm) 37632756



1x - Utensils Shelf (9320791)

1x - Pot Pan Spatula (9320889)



1x - Faucet (9320881)
1x - Sink Knob (9320482)
1x - Sink Knob (9320382)
1x - Sink (9320969)



1x - Stove (3320738)

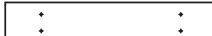
10x - #6 x 9mm Blunt Point Pan Screw (52402902)
8x - Mount Clips (9320088)

Part Identification

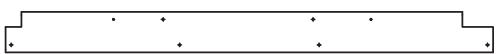
(1) **2686** - Counter Front 5/8 x 2-3/4 x 40-5/8" **3632686**
15.9 x 69.9 x 1031.9 mm



(2) **2716** - Counter Mid Top 1 x 4 x 17-5/8" **3632716**
15.9 x 85.7 x 447.7 mm



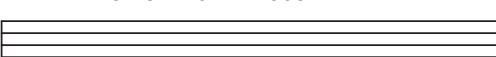
(1) **2685** - Counter Top 1 x 4 x 40-5/8" **3632685**
15.9 x 85.7 x 1031.9 mm



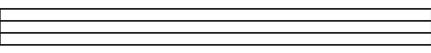
(1) **2687** - Counter Back 1 x 4 40-5/8" **3632687**
15.9 x 85.7 x 1031.9 mm



(1) **2601** - 1-1/4 x 3 x 41-15/16" Lower Jamb **3632601**
31.8 x 76.2 x 1065.2 mm



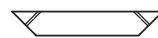
(1) **2602** - 1-1/4 x 3 x 35-15/16" Upper Jamb **3632602**
31.8 x 76.2 x 912.8 mm



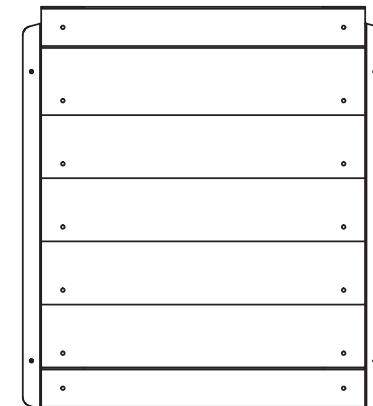
(2) **0455** - Counter Side 5/8 x 2 x 6-3/4" **38045536**
15.9 x 50.8 x 171.5mm



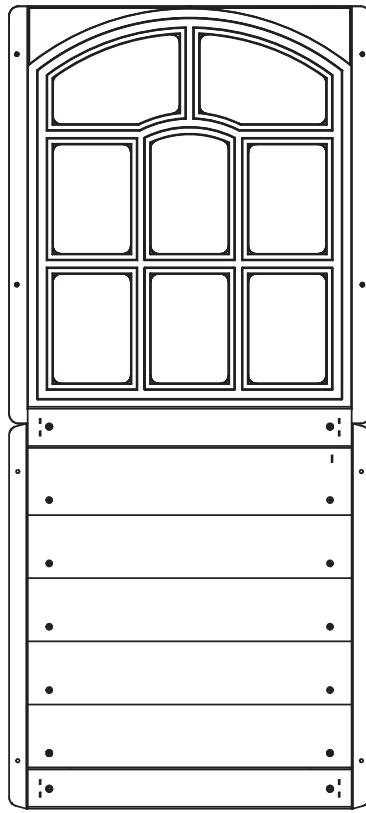
(2) **0461** - 1 x 2 x 12-9/16" - Counter Brace **38046136**
25.4 x 50.8 x 318.9mm



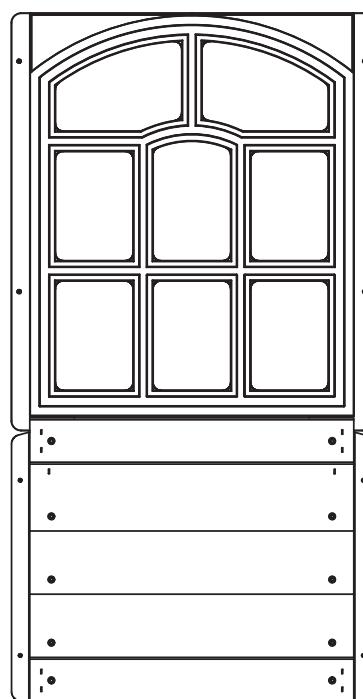
(4) **0457** - 1 x 2 x 8-1/4" - Counter Joist **38045736**
25.4 x 50.8 x 209.6mm



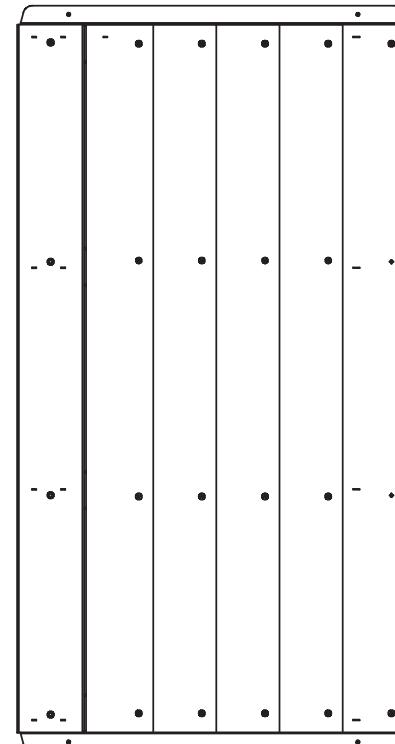
(1) **649A** Short Half Wall
1.27 x 18.8 x 20-15/16" (32 x 477 x 532mm)
37632649A



(1) **2720**
Lower Window Insert 1.27 x 18.8 x 41.91"
(32.3 x 477.4 x 1064.5 mm) **37632720**

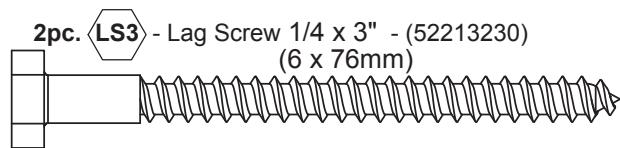
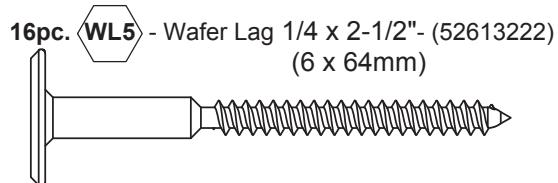
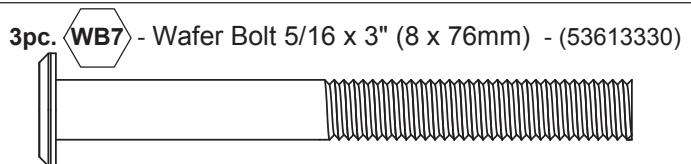
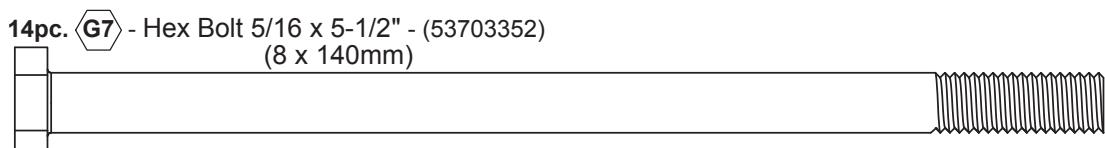
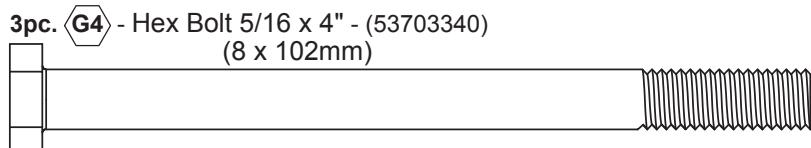
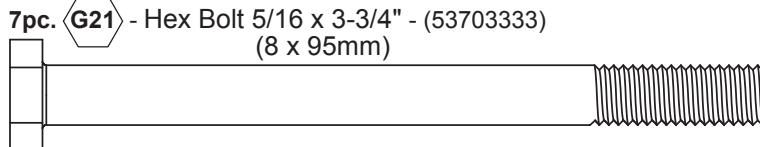
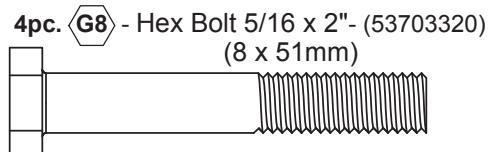
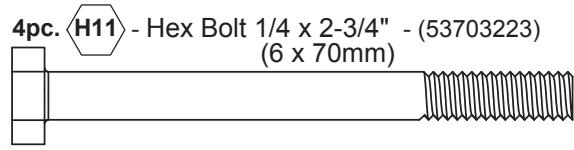
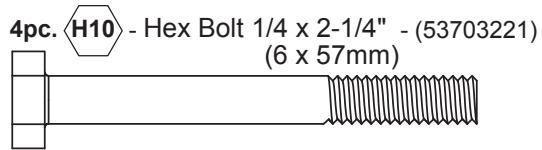
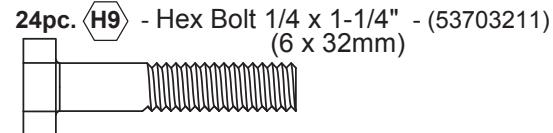
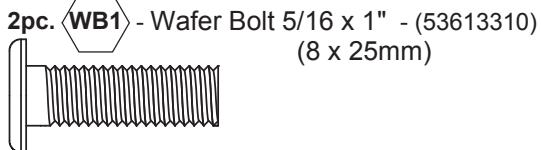


(2) **2719**
Upper Window Insert 1.27 x 18.8 x 35.86"
(32 x 478 x 911mm) **37632719**

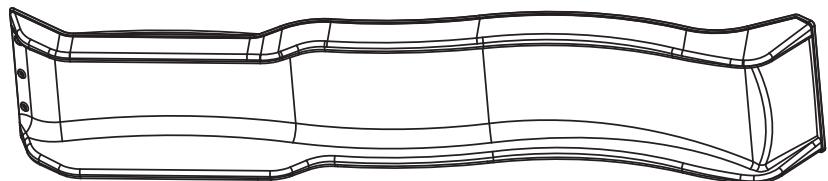


(1) **2665** Half Wall Insert 1.4 x 20-1/4 x 38.8"
(35 x 514 x 985mm) **37632665**

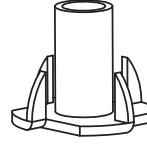
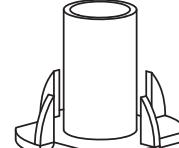
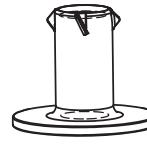
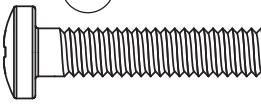
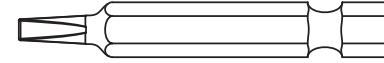
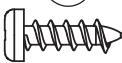
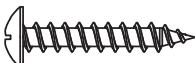
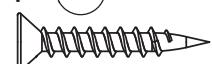
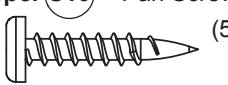
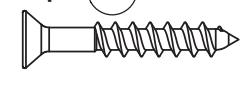
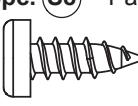
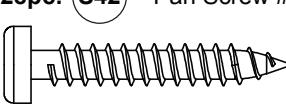
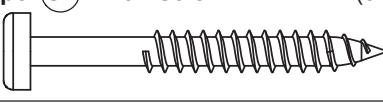
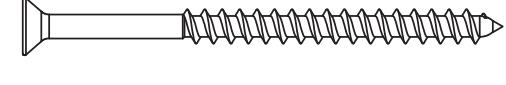
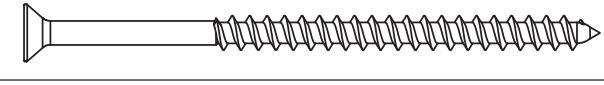
Hardware (Actual Size)



48" High Rail Slide -7310149-1



Hardware (Actual Size)

5pc. LW2 - 5/16" (8mm) Lock Washer - (51303300)	5pc. FW0 - 3/16" (5mm) Flat Washer - (51103100)	32pc. TN1 - 1/4" (6mm) T - Nut (54503200)
		
42pc. FW1 - 1/4"(6mm) Flat Washer - (51103200)	56pc. FW2 - 5/16" (8mm) Flat Washer - (51103300)	10pc. TN2 - 5/16" (8mm) T- Nut (54503300)
		
37pc. LW1 - 1/4"(6mm) Lock Washer - (51303200)		5pc. BN1 - 1/4" (6mm) Barrel Nut (54803200)
		
23pc. LN2 - 5/16"(8mm) Lock Nut (54303300)		1pc. -1/8 x 3" (3.2 x 76.2 mm) Drill Bit - (9300183)
		
5pc. PB2 - Pan Bolt 1/4 x 1-1/4" (53433212)		1pc. D4 - 2 x 2 Robertson Driver Bit (9200014)
		
8pc. S13 - Pan Screw #6 x 5/8" - (52413908)		71pc. S0 - Truss Screw #8 x 7/8" - (52933505)
		
20pc. TS - Trim Screw #6 x 30mm - (52953911)		4pc. S18 - Wood Screw #6 x 1" - (52013910)
		
8pc. S10 - Pan Screw #8 x 1" (52433510)		56pc. S30 - Wood Screw #8 x 1-1/16" - (52043517)
		
8pc. S8 - Pan Screw #12 x 3/4" (52433603)		58pc. S20 - Wood Screw #8 x 1-3/8" - (52043516)
		
28pc. S42 - Pan Screw #12 x 1-1/2" - (52433621)		4pc. S11 - Wood Screw #8 x 2" - (52043520)
		
9pc. S7 - Pan Screw #12 x 2" - (52433620)		12pc. S3 - Wood Screw #8 x 2-1/2" - (52043522)
		
		4pc. S4 - Wood Screw #8 x 3" - (52043530)
		

Part Identification

1pc. - **2648** - 1 x 4 x 40-5/8 (16 x 86 x 1032mm) - Floor Board 3632648



8pc. - **2609** - 1 x 5 x 40-5/8" (16 x 114 x 1032mm) - Floor Board 3632609



2pc. - **2780** - 1 x 6 x 19" (15.9 x 133.4 x 482.6 mm)



3pc. - **2781** - 1 x 6 x 19" (15.9 x 133.4 x 482.6 mm)



2pc. - **2778** - 5/4 x 4 x 14 1/4" (23.8 x 82.6 x 362 mm)



1pc. - **2616** - 5/4 x 4 x 46-1/2" (23.8 x 82.6 x 1181.1mm) SW Support 3632616



2pc. - **2777** - 2 x 2 x 40-1/4" (38 x 38 x 1022mm) - Side Joist MOD 3632777



2pc. - **2607** - 1-1/4 x 3 x 22" (32 x 76 x 559mm) - Diagonal 3632607



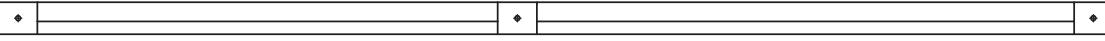
2pc. - **2776** - Rock Rail 1 1/4 x 2 1/2 x 51" (32 x 64 x 1295mm) 3632776



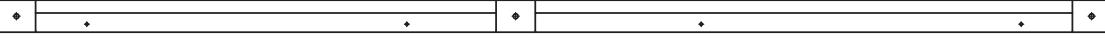
1pc. - **2608** - 1-1/4 x 3 x 40-3/4" (32 x 76 x 1035mm) - Floor Joist 3632608



3pc. - **2770** - End Post Left 1 1/4 x 2 1/2 x 87" (32 x 64 x 2210mm) 3632770



3pc. - **2771** - End Post 1 1/4 x 2 1/2 x 87" (32 x 64 x 2210mm) 3632771



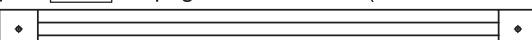
2pc. - **2772** - Panel Floor Support 1 1/4 x 3 x 42" (32 x 76 x 1067mm)



5pc. - **2769** - Panel BT Frame 1 1/4 x 3 x 42" (32 x 76 x 1067mm)



2pc. - **2774** - Upright 1 1/4 x 3 x 42" (32 x 76 x 1067mm) 3632774



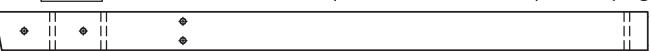
1pc. - **2630** - SW Top 1 1/4 x 5 1/2 x 42" (32 x 140 x 1067mm) 39632630



2pc. - **2613** - 2 x 3 x 86-11/16" (51 x 76 x 2202mm) - Heavy SW Post 3632613



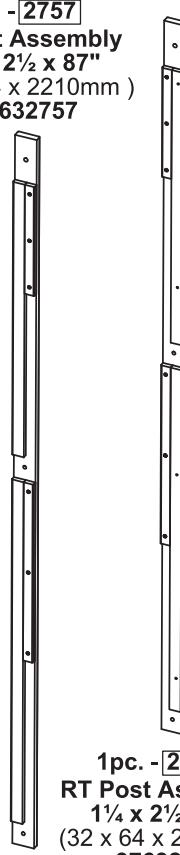
1pc. - **2615** - 4 x 4 x 50-15/16" - (76 x 76 x 1294mm) SW Upright 3632615



1pc. - **2614** - 4 x 6 x 88" - (76 x 133 x 2235mm) Engineered Beam 3632614

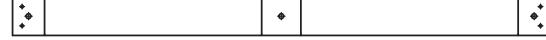


1pc. - **2757**
LT Post Assembly
1 1/4 x 2 1/2 x 87"
(32 x 64 x 2210mm)
37632757



1pc. - **2758**
RT Post Assembly
1 1/4 x 2 1/2 x 87"
(32 x 64 x 2210mm)
37632758

2pc. **2775** Panel Cross Support 1 1/4 x 3 x 42"
(32 x 76 x 1067mm) 3632775

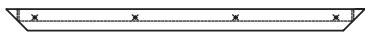


2pc. - **2768** - Panel Floor 1 1/4 x 3 x 42"
(32 x 76 x 1067mm) 3632768

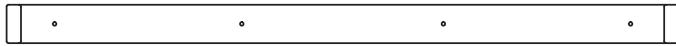


Part Identification

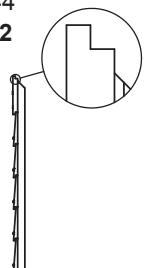
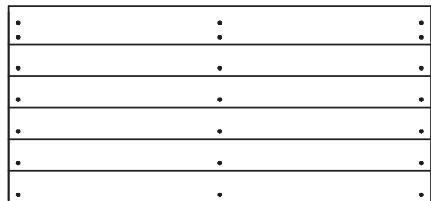
(4) **2760** Roof Support $1\frac{1}{4} \times 2\frac{1}{4} \times 37\frac{1}{2}$ " 3632760
 $31.8 \times 57.2 \times 952.5$ mm



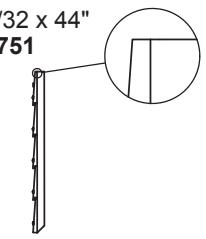
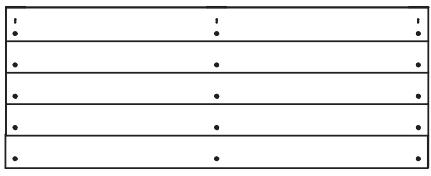
(2) **2761** - Roof Sleeper C $\frac{3}{4} \times 2 \times 35$ " (19.1 x 50.8 x 889mm) 3632761



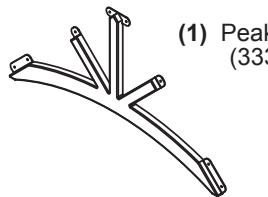
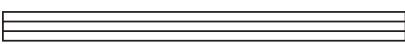
(1) **2752** - MOD Roof Front $1\frac{1}{4} \times 20\frac{7}{16} \times 44$ "
 $(31.8 \times 519.1 \times 1117.6$ mm) 37632752



(2) **2751** - MOD Roof Bottom $1\frac{3}{16} \times 16\frac{25}{32} \times 44$ "
 $(30.1 \times 426.4 \times 1117.6$ mm) 37632751

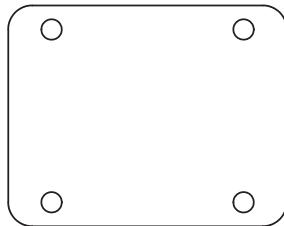


(1) **2601** - $1\frac{1}{4} \times 3 \times 41\frac{15}{16}$ " Lower Jamb 3632601
 $31.8 \times 76.2 \times 1065.2$ mm



(1) Peak Detail
(3330121)

(1) Narrow Angle Bracket (3 Pk)
(3200640)

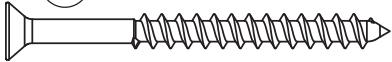


(2) Jamb Mount (9206300)

(8) **S20** - Wood Screw #8 x 1-3/8" - 52043516



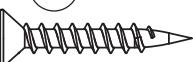
(19) **S11** - Wood Screw #8 x 2" - 52043520



(16) **S13** - Pan Screw #6 x 5/8" - 52413908



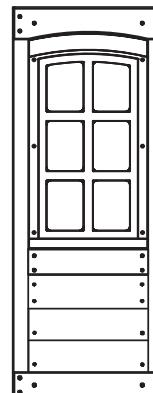
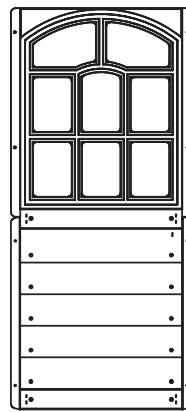
(4) **S18** - Wood Screw #6 x 1" - 52013910



(1) **2715** - $5/4 \times 3 \times 10$ " - Door Stop
 $(25.4 \times 63.5 \times 254$ mm) 3632715

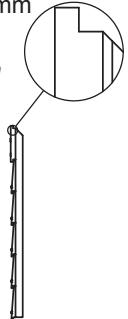
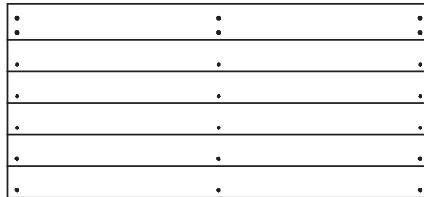


(1) **2718**
Door Window Panel
 $1\frac{1}{4} \times 15\frac{3}{4} \times 40\frac{1}{4}$
 $31.8 \times 400.1 \times 1035.1$ mm
37602718B

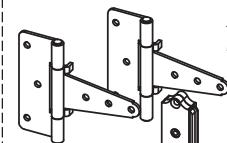


(1) **2720**
Lower Window Insert $1.27 \times 18.8 \times 41.91$ "
 $32.3 \times 477.4 \times 1064.5$ mm

(1) **2753** - MOD Roof Back $1\frac{1}{4} \times 20\frac{13}{64} \times 44$ "
 $(31.8 \times 513 \times 1117.6$ mm) 37632753

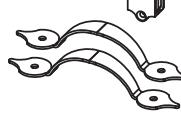


1x - Door Hardware (3201710)



2x 9201712
Door Hinge

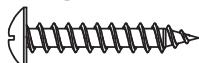
9207713
Door Catch



1x Magnetic Catch
1x Catch Plate

2x 9201711
Door Handle

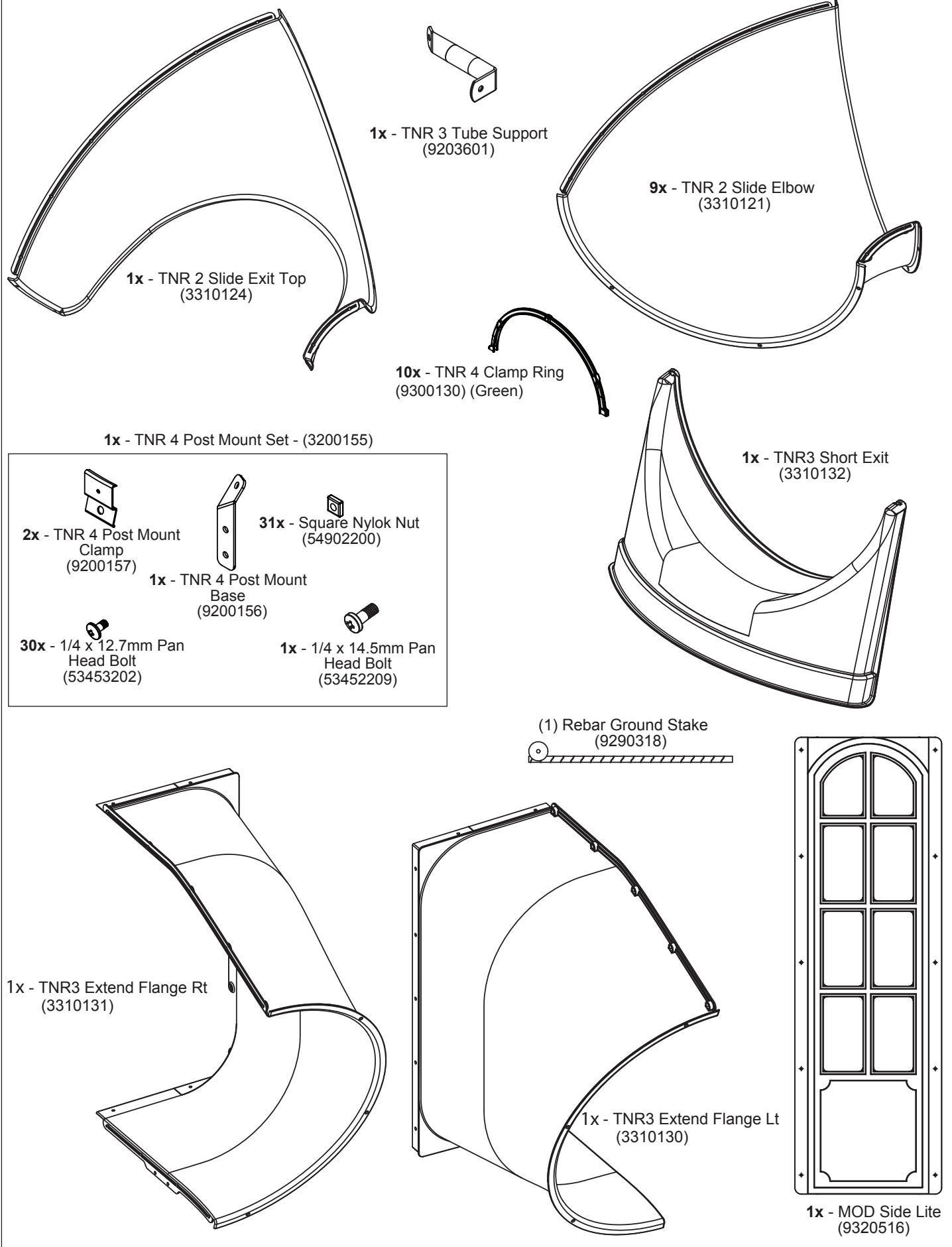
(23) **S0** - Truss Screw #8 x 7/8" - 52933505



(2) **S4** - Wood Screw #8 x 3" - 52043530



Part Identification (Reduced Part Size)



Part Identification (Reduced Part Size)

(1) SL Gusset $1\frac{1}{4} \times 3 \times 15\frac{3}{4}$ " (32 x 76 x 400mm)

8934



3638934

(1) Lower SL Insert $1.27 \times 8\frac{1}{8} \times 26\frac{1}{4}$ " (32.2 x 206 x 667mm)



37638935

8935

(1) TNR Upright $1\frac{1}{4} \times 3 \times 20\frac{1}{4}$ " (32 x 76 x 514mm)

8965

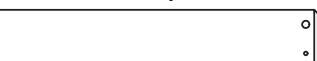
3638965



(1) TNR Ground Brace $1\frac{1}{4} \times 3 \times 32\frac{1}{4}$ " (32 x 76 x 819mm)

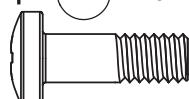
8963

3638963



Hardware (Actual Size)

54pc. PB1 - Pan Bolt $1/4 \times 3/4$ " (6 x 19mm)

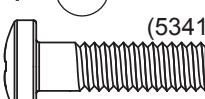


(53453203)



(1) Wafer Lag Screw $1/4 \times 2\frac{1}{2}$ " (6 x 64mm) (52613222)

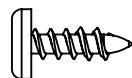
11pc. PB6 - Pan Bolt $1/4 \times 1$ " (6 x 25mm)



(53413210)

1x D1 - Quadrex
Driver Bit (9200015)

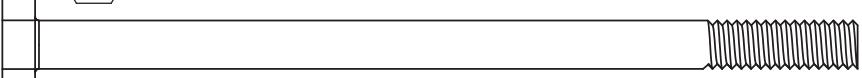
1 x S37 - #7 x 5/8" - 52433009
15.9mm



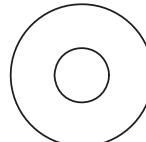
8pc. FW6 - #12 Screw Bezel - (9299500)



1pc. H8 - Hex Bolt $1/4 \times 4\frac{1}{4}$ " (6 x 108mm) - (53703241)



3pc. FW1 - 1/4" (6mm) Flat Washer (51103200)



18pc. S0 - Truss Screw #8 x 7/8"

(#8 x 22mm) (52933505)



(#8 x 22mm)

(52933505)

19pc. S6 - Pan Screw #12 x 1"

(#12 x 25mm) (52433610)



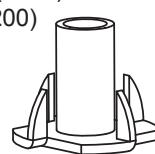
1pc. LW1 - 1/4" (6mm) Lock Washer

(51303200)



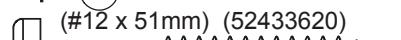
1pc. TN1 - 1/4" (6mm) T - Nut

(54503200)



5pc. S7 - Pan Screw #12 x 2"

(#12 x 51mm) (52433620)



(#12 x 51mm)

(52433620)

1pc. S4 - Wood Screw #8 x 3" (#8 x 76mm) (52043530)

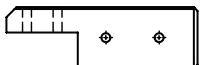


3pc. S11 - Wood Screw #8 x 2" (#8 x 51mm) (52043520)



Part Identification (Reduced Part Size)

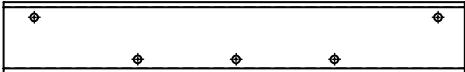
2pc. - **11368** - Crow Nest Post A 1 1/4" x 3" x 9 3/8"(31.8 x 76.2 x 238.2mm) **36311368**



2pc. - **11184** - Crow Nest Floor Support 1 1/2" x 1 1/2" x 22 5/8"(38.1 x 38.1 x 575.4mm) **36311184**



2pc. - **11185** - Bottom Nest Top A 1" x 3 1/2" x 22 13/16"(25.4 x 88.9 x 579.4mm) **36311185**



2pc. - **11369** - Crow Nest Top A 1" x 3 1/2" x 22 13/16"(25.4 x 88.9 x 579.4mm) **36311369**



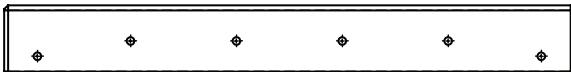
2pc. - **11183** - Crow Nest Post B 1 1/4" x 3" x 35 3/8"(31.8 x 76.2 x 898.5mm) **36311183**



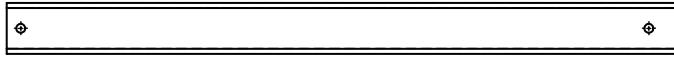
1pc. - **11186** - Bottom Nest Top B 1" x 3 1/2" x 27 15/16"(25.4 x 88.9 x 710.4mm) **36311186**



1pc. - **11190** - Crow Nest Top B 1" x 3 1/2" x 27 15/16"(25.4 x 88.9 x 710.4mm) **36311190**



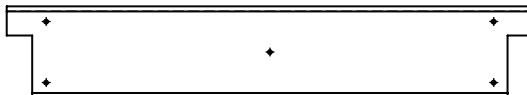
10pc. - **11191** - Top Fence 5/8" x 2 1/2" x 33 1/16"(15.9 x 63.5 x 840mm) **36311191**



3pc. - **11205** - Crow Nest Floor A 5/8" x 4 1/2" x 25 13/16"(15.9 x 114.3 x 655.9mm) **36311205**



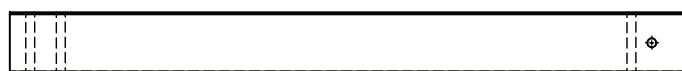
2pc. - **11206** - Crow Nest Floor B 5/8" x 4 1/2" x 25 13/16"(15.9 x 114.3 x 655.9mm) **36311206**



2pc. - **11194** - Nest post 1" x 4 1/2" x 8 9/16"(25.4 x 114.3 x 218mm) **36311194**



2pc. - **11370** - Platform Post A 1 1/4" x 3" x 33 1/4"(31.8 x 76.2 x 844.5mm) **36311370**

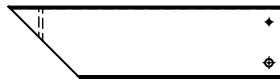


Part Identification (Reduced Part Size)

1pc. - **11371** - Platform Bottom 1 1/4" x 3 1/2" x 12 3/16"(31.8 x 88.9 x 310mm) **36311371**



1pc. - **11372** - Platform Top 1 1/4" x 3 1/2" x 13 3/8"(31.8 x 88.9 x 340mm) **36311372**



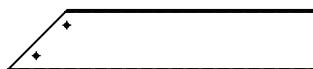
2pc. - **11373** - Lookout Wall Back 1 1/4" x 3" x 43 1/4"(31.8 x 76.2 x 1098.6mm) **36311373**



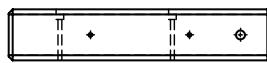
4pc. - **11374** - Top Roof Post 1 1/4" x 3 11/16" x 9 7/8"(31.8 x 93 x 250.2mm) **36311374**



4pc. - **11375** - Roof Bottom Post 1 1/4" x 3" x 15 3/16"(31.8 x 76.2 x 385.5mm) **36311375**



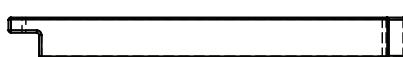
4pc. - **11376** - Short Post 1 1/4" x 2 1/2" x 12 7/8"(31.8 x 63.5 x 326.4mm) **36311376**



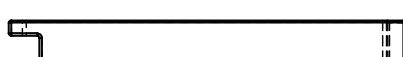
1pc. - **11377** - Platform Floor Support 5/8" x 1 1/4" x 23 7/16"(15.9 x 31.8 x 596mm) **36311377**



1pc. - **11378** - Roof Bottom Post A 1" x 2" x 19 5/8"(25.4 x 50.8 x 498mm) **36311378**



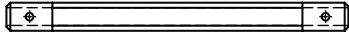
1pc. - **11379** - Roof Bottom Post B 1" x 2" x 19 5/8"(25.4 x 50.8 x 498mm) **36311379**



2pc. - **11380** - M-Ladder Post 1 1/4" x 2 1/4" x 39"(31.8 x 57.2 x 990mm) **36311380**



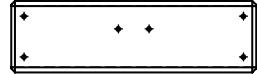
3pc. - **11381** - M-Ladder Support 1 3/8" x 1 3/4" x 16 3/4"(34.9 x 44.5 x 425.2mm) **36311381**



2pc. - **11382** - M-Ladder 3/4" x 2 1/4" x 33 3/8"(19.1 x 57.2 x 848mm) **36311382**

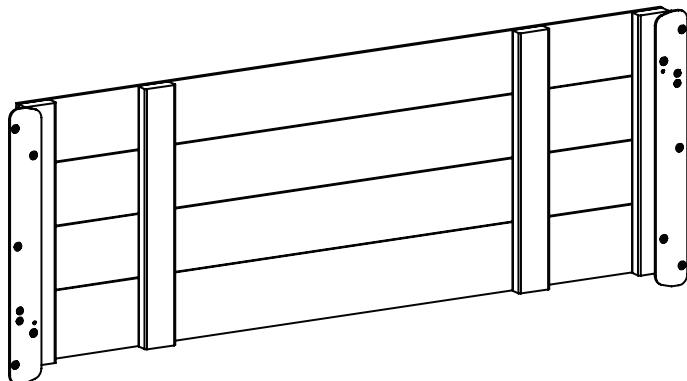


1pc. - **11383** - Roof Top 5/8" x 3 1/2" x 12"(15.9 x 88.9 x 304.8mm) **36311383**

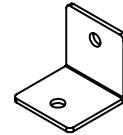


Part Identification (Reduced Part Size)

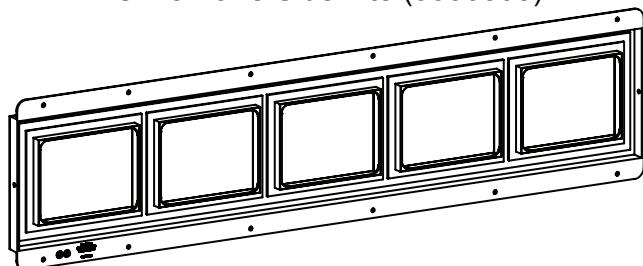
1pc. - **9481** - SW Side Panel 1 3/8" x 14 1/8" x 38 13/16" (34.3 x 358.8 x 985.6mm) **37639481**



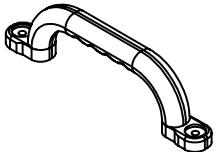
4x - Swing Bracket (9201530)



2x - MOD 5 Pane Side Lite (9330505)

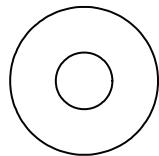


2x - Hand Grip (9320040)

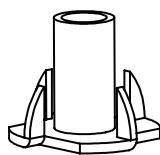


Hardware Identification (Actual Size)

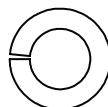
32pc. **FW1** - 1/4"(6.4mm) Flat Washer -
(51103200)



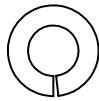
19pc. **TN1** - 1/4" (6.4mm) T - Nut
(54503200)



30pc. **LW2** - 5/16" (8mm) Lock Washer -
(51303300)



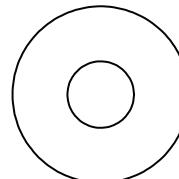
28pc. **LW1** - 1/4"(6.4mm) Lock Washer -
(51303200)



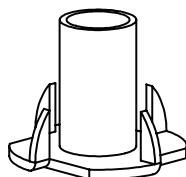
4pc. **LN1** - 1/4" (6.4mm) Lock Nut -
(54303200)



40pc. **FW2** - 5/16" (8mm) Flat Washer -
(51103300)



28PC. **TN2** - 5/16" (8mm) T- Nut
(54503300)

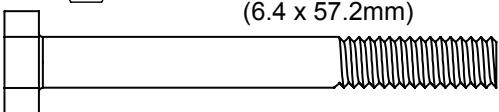


6PC. **LN2** - 5/16"(8mm) Lock Nut
(54303300)

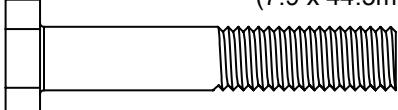


Hardware Identification (Actual Size)

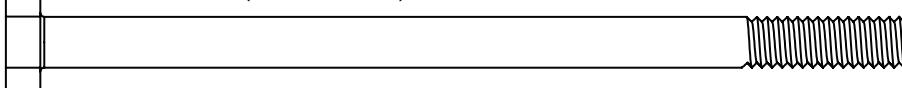
4pc.  - Hex Bolt 1/4 x 2-1/4" - (53703221)
(6.4 x 57.2mm)



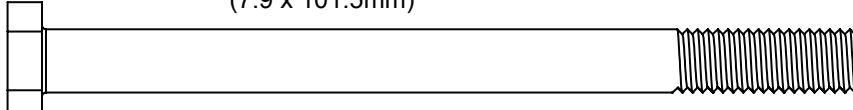
22pc.  - Hex Bolt 5/16 x 1-3/4" - (53703313)
(7.9 x 44.5mm)



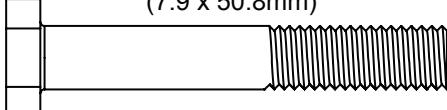
10pc.  - Hex Bolt 1/4 x 4-1/4" - (53703241)
(6.4 x 108mm)



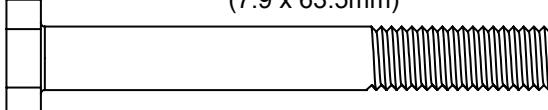
4pc.  - Hex Bolt 5/16 x 4" - (53703340)
(7.9 x 101.5mm)



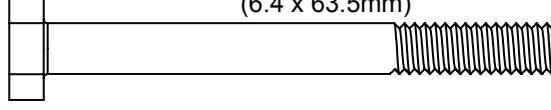
2pc.  - Hex Bolt 5/16 x 2" - (53703320)
(7.9 x 50.8mm)



2pc.  - Hex Bolt 5/16 x 2-1/2" - (53703322)
(7.9 x 63.5mm)



3pc.  - Hex Bolt 1/4 x 2-1/2" - (53703222)
(6.4 x 63.5mm)



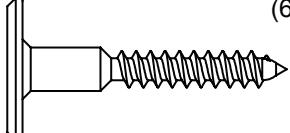
40pc.  - Wood Screw #8 x 1-3/8" - (52043516)
(34.9mm)



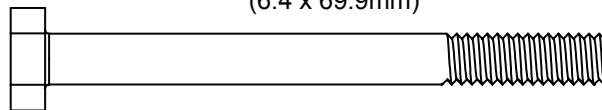
14pc.  - Wood Screw #8 x 3" - (52043530)
(76.2mm)



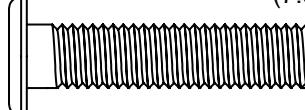
8pc.  - Wafer Lag 1/4 x 1-3/8" - (52613216)
(6.4 x 34.9mm)



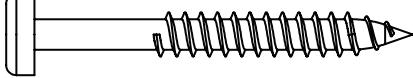
6pc.  - Hex Bolt 1/4 x 2-3/4" - (53703223)
(6.4 x 69.9mm)



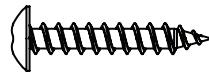
4pc.  - Wafer Bolt 5/16 x 1-3/8" - (53613316)
(7.9 x 34.9mm)



8pc.  - Pan Screw #12 x 2" - (52433620)
(50.8mm)



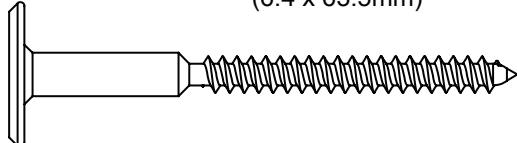
30pc.  - Truss Screw #8 x 7/8" - (52933505)
(22.2mm)



16pc.  - Wood Screw #8 x 2" - (52043520)
(50.8mm)



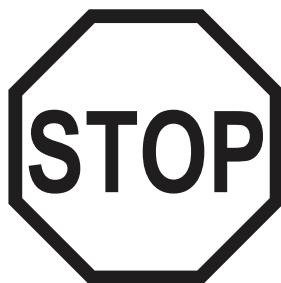
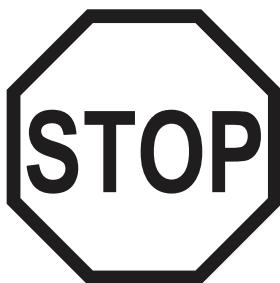
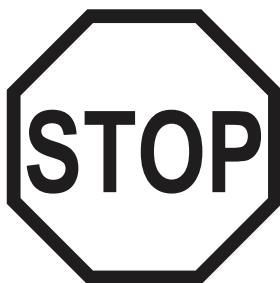
1pc.  - Wafer Lag 1/4 x 2-1/2" - (52613222)
(6.4 x 63.5mm)



4pc.  - Wood Screw #8 x 2-1/2" - (52043522)
(63.5mm)



1 Inventory Parts - Read This Before Starting Assembly



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

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

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

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

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

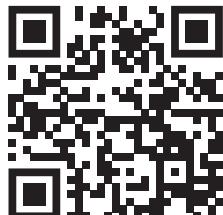
**If there are missing or damaged pieces,
please contact the KidKraft Consumer Engagement team
before going back to the retailer.**

Order Replacement Parts 24/7

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

Outdoor Swingsets and Playhouse Parts Ordering
<https://parts.kidkraft.com/partsorderemail>

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



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

Step 1: Front and Back Wall Prep

Part 1



It is important to assemble the frame on a flat, smooth surface.

A: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. Put (2770) End Post Left on the right hand side. Place (2775) Panel Cross Support in the top grooves, (2772) Panel Floor Support in the middle grooves and (2769) Panel BT Frame in the bottom grooves. (fig. 1.1).

B: Tap 3 (TN1) T-nuts in (2775) Panel Cross Support and (2772) Panel Floor Support and 2 in (2769) Panel BT Frame. (fig. 1.1 and 1.2)

C: Make sure assembly is square and bolt holes are aligned, then attach with 4 (S30) Wood Screws per board. (fig. 1.1)

Fig. 1.1

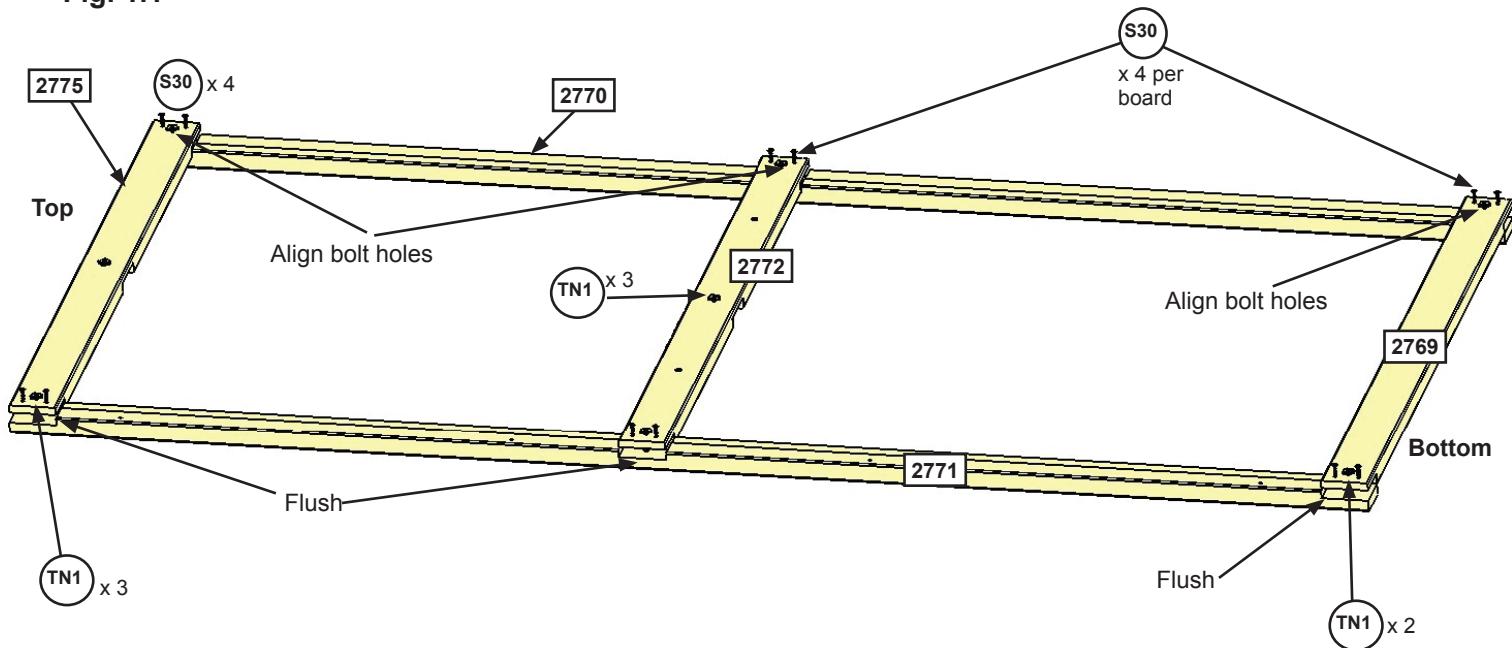
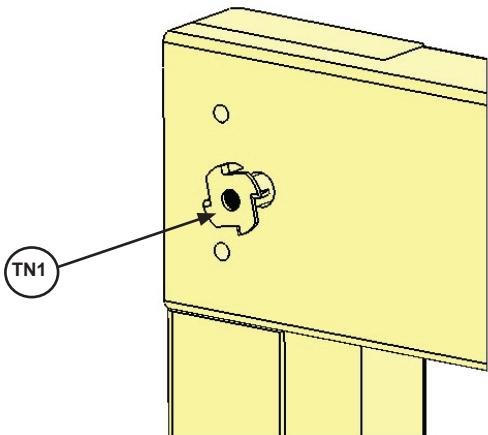


Fig. 1.2



Wood Parts

2 x	2771	End Post
2 x	2770	End Post Left
2 x	2775	Panel Cross Support
2 x	2772	Panel Floor Support
2 x	2769	Panel BT Frame

Hardware

24 x	S30	Wood Screw
16 x	TN1	T-nut

Step 1: Front and Back Wall Prep

Part 2



It is important to assemble the frame on a flat, smooth surface.

D: Turn the assembly over, place (2774) Upright in the middle grooves of (2775) Panel Cross Support and (2772) Panel Floor Support then attach all boards with 8 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 1.3 and 1.4)

E: Repeat steps A-D for a second assembly.

Fig. 1.3

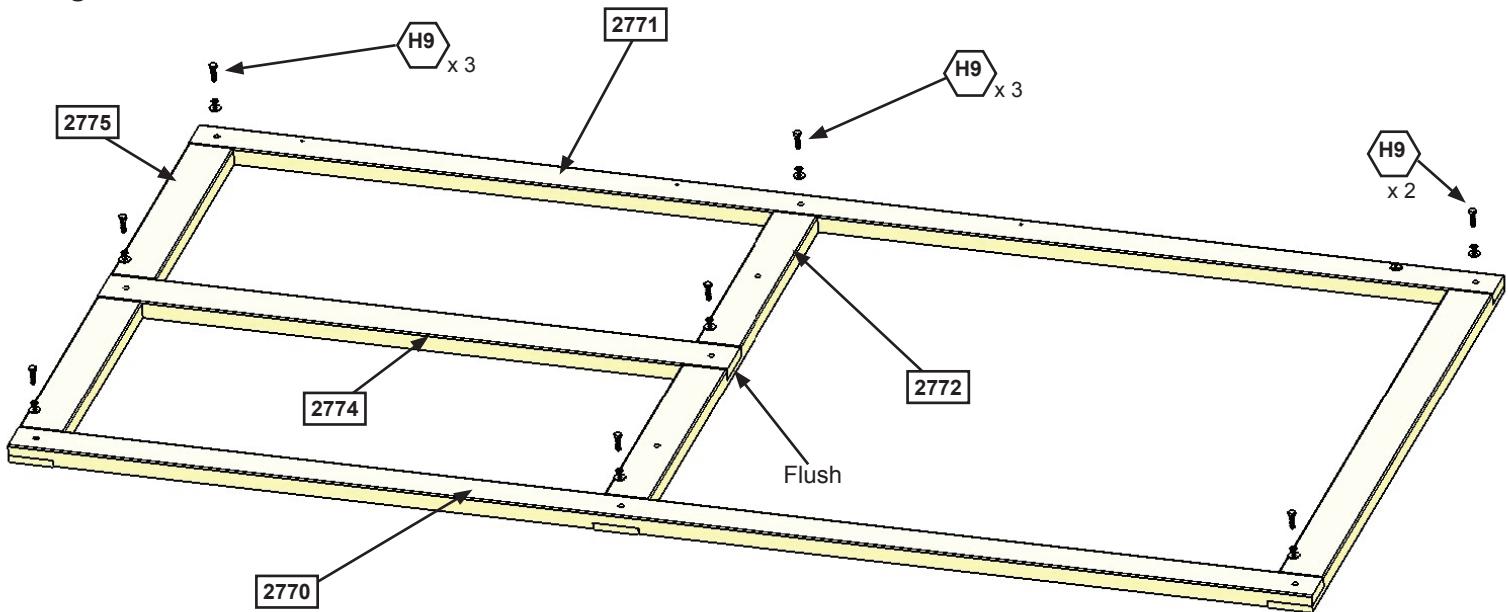
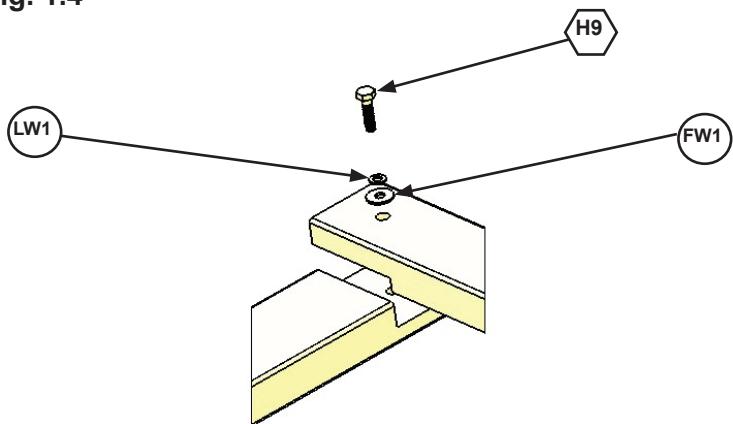


Fig. 1.4



Wood Parts

2 x **2774** Upright

Hardware

16 x **H9** Hex Bolt
(lock washer, flat washer)

Step 2: End Wall Prep

Part 1



It is important to assemble the frame on a flat, smooth surface.

A: Place (2768) Panel Floor and 2 (2769) Panel BT Frames on a hard, flat surface with the long side up. Tap in 2 (TN1) T-nuts per board. (fig. 2.1)

B: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves (2768) Panel Floor in the middle grooves. (fig. 2.2).

C: Make sure assembly is square and bolt holes are aligned, then attach with 4 (S30) Wood Screws per board. (fig. 2.2)

Fig. 2.1

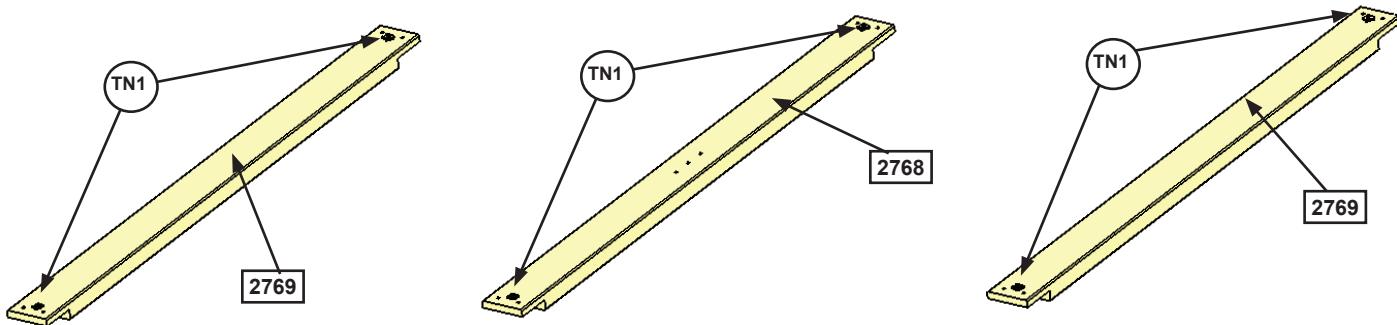
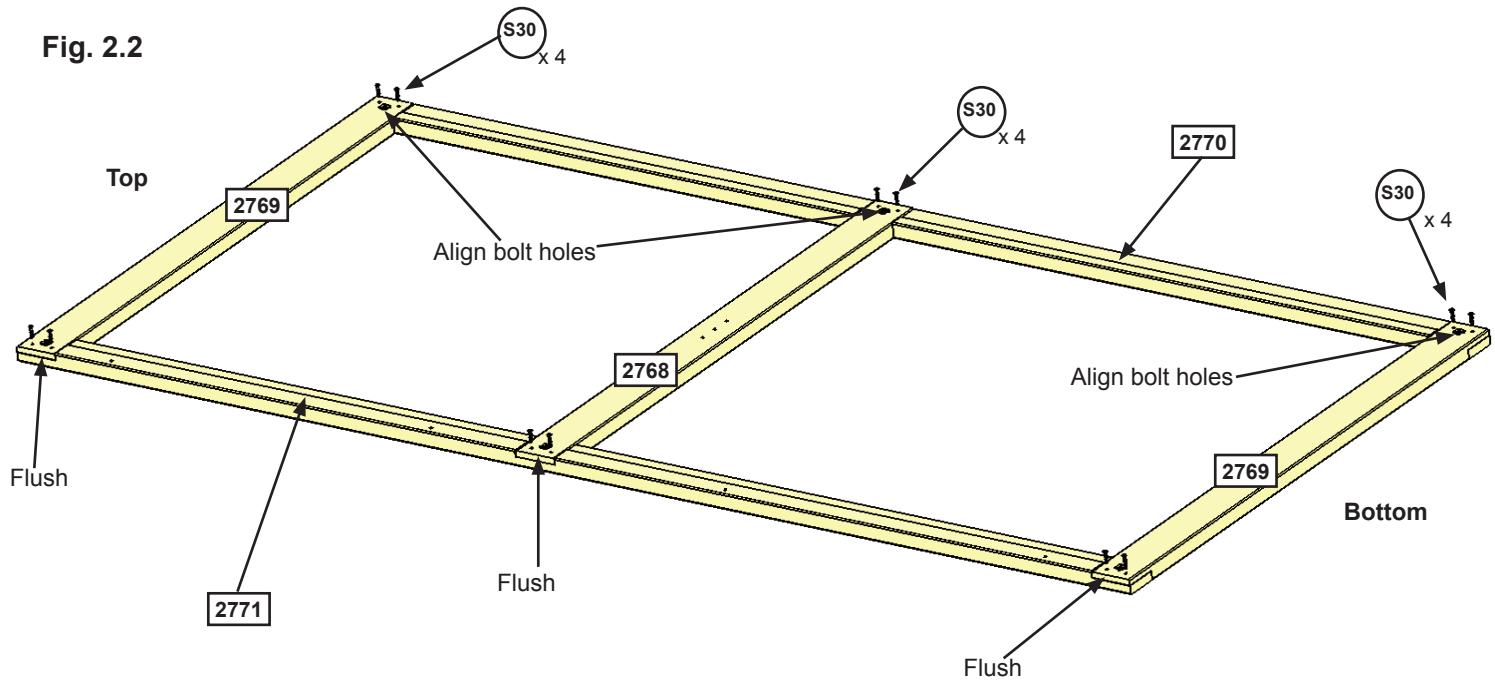


Fig. 2.2



Wood Parts

1 x	2768	Panel Floor
2 x	2769	Panel BT Frame
1 x	2771	End Post
1 x	2770	End Post Left

Hardware

12 x	S30	Wood Screw
6 x	TN1	T-nut

Step 2: End Wall Prep Part 2



It is important to assemble the frame on a flat, smooth surface.

D: Turn the assembly over then attach all boards with 6 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

Fig. 2.3

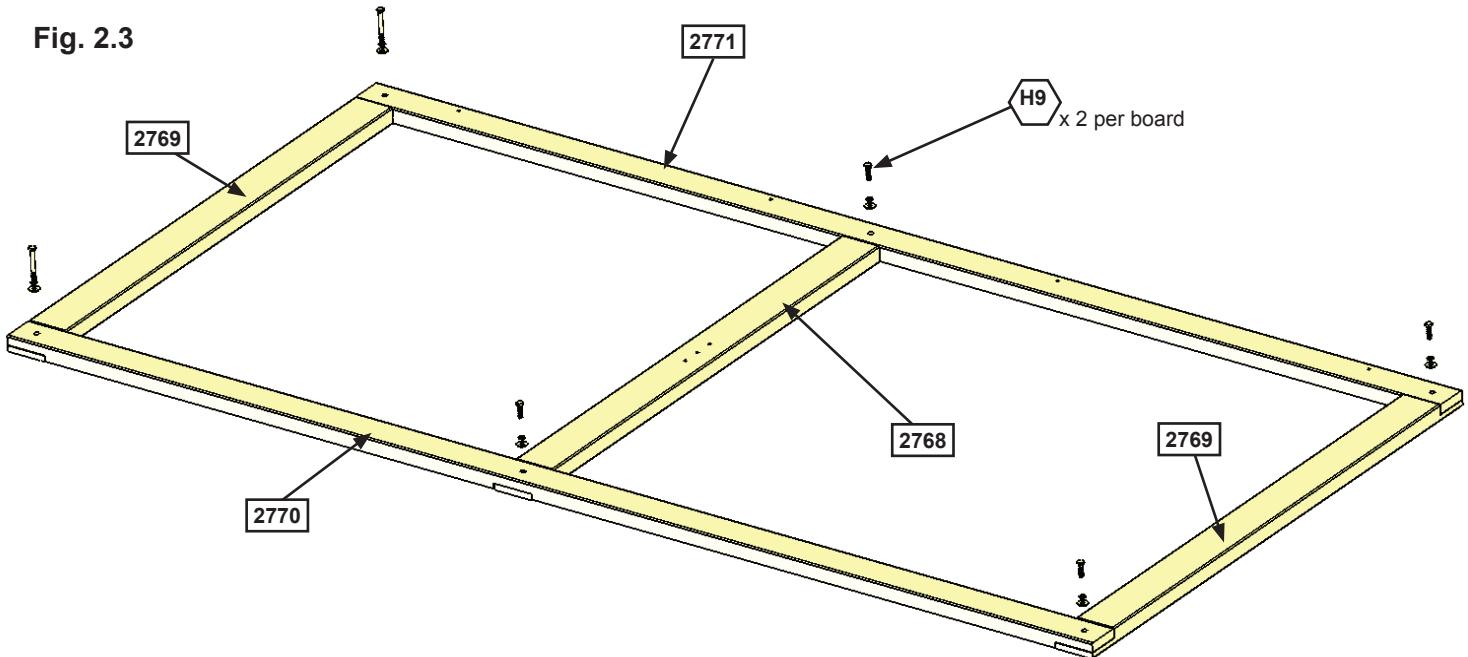
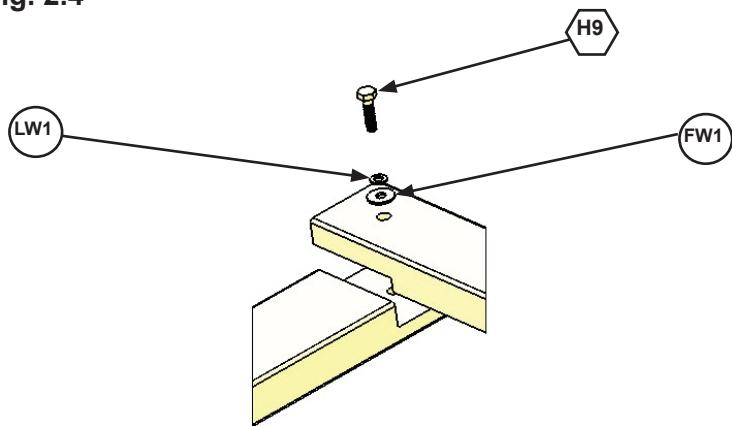


Fig. 2.4



Hardware

6 x Hex Bolt
(lock washer, flat washer)

Step 3: Swing Wall Prep

Part 1

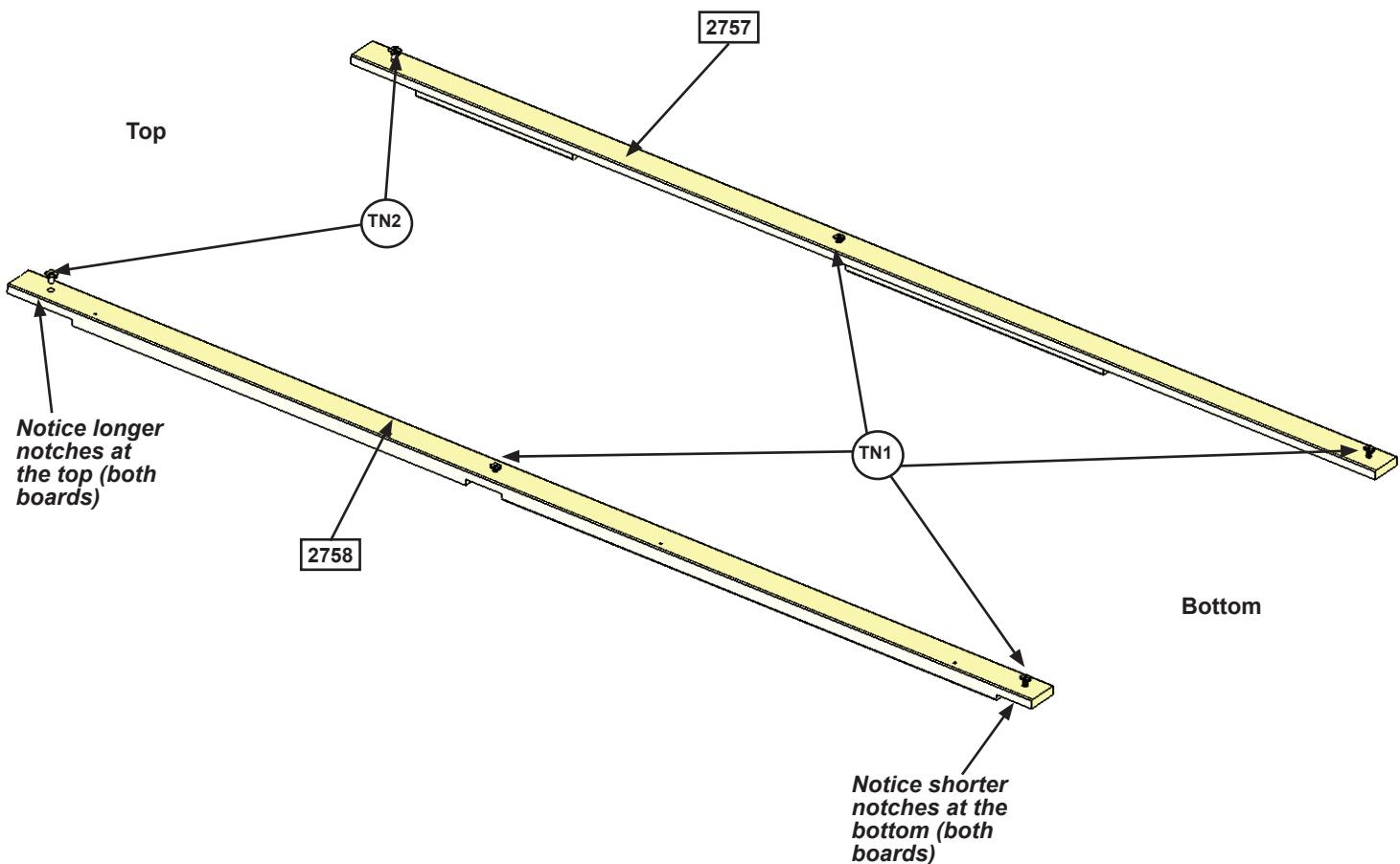


It is important to assemble the frame on a flat, smooth surface.

A: Place (2757) LT Post Assembly and (2758) RT Post Assembly on a hard, flat surface with the notches facing down. The top of the post assemblies have the longer notches. (fig. 3.1)

B: Tap 1 (TN2) T-nut in the top holes and 1 (TN1) T-nut in the middle and bottom holes. (fig. 3.1).

Fig. 3.1



Wood Parts

1 x LT Post Assembly
1 x RT Post Assembly

Hardware

2 x T-nut
4 x T-nut

Step 3: Swing Wall Prep

Part 2



It is important to assemble the frame on a flat, smooth surface.

C: Turn the (2757) LT Post Assembly and (2758) RT Post Assembly over and place 2 (2756) Siding Assemblies on top so one sits flush with the top of the middle groove and the second fits flush with the top of the bottom groove. (fig. 3.2 and 3.3)

D: Place (2630) SW Top in the top grooves, (2768) Panel Floor in the middle grooves and (2769) Panel BT Frame in the bottom grooves so they sit flush to the outside edges of (2757) LT Post Assembly and (2758) RT Post Assembly. Make sure the assembly is square and bolt holes are aligned, then attach with 4 (S30) Wood Screws per board. (fig. 3.4).

Fig. 3.2

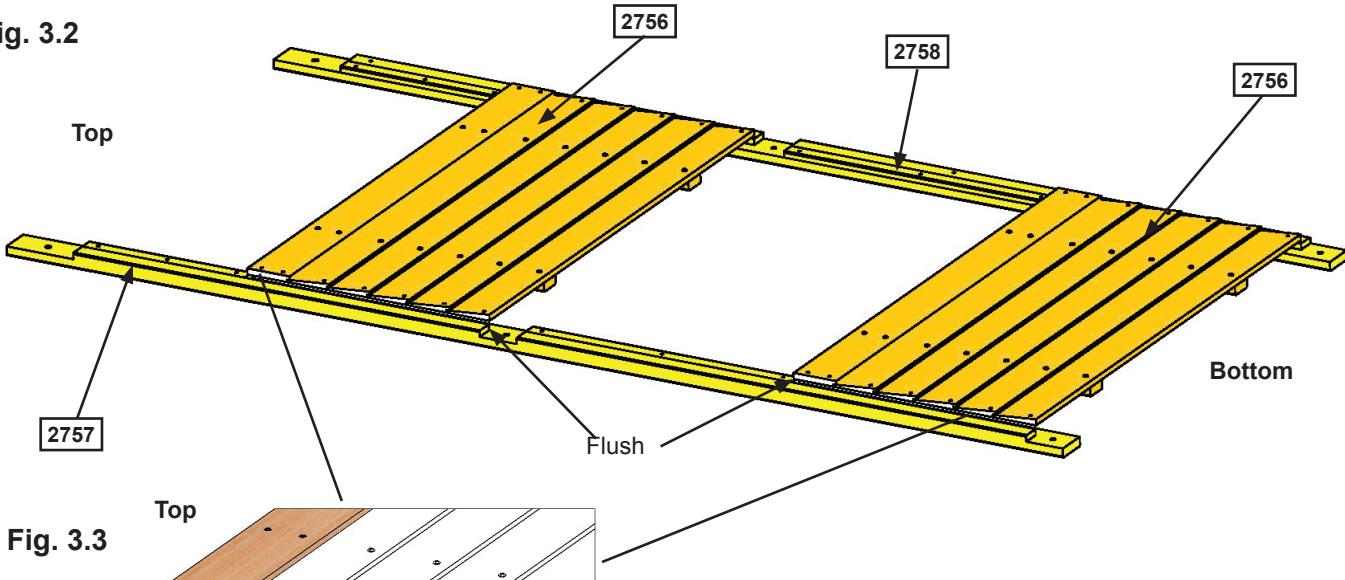


Fig. 3.3

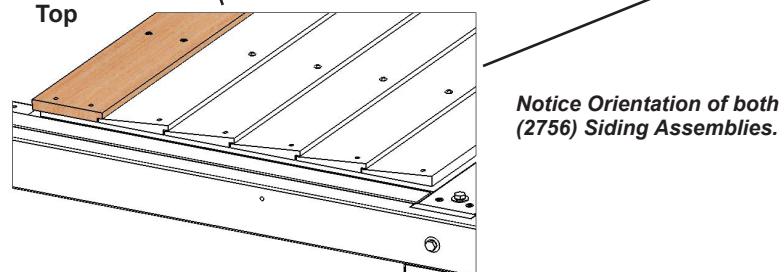
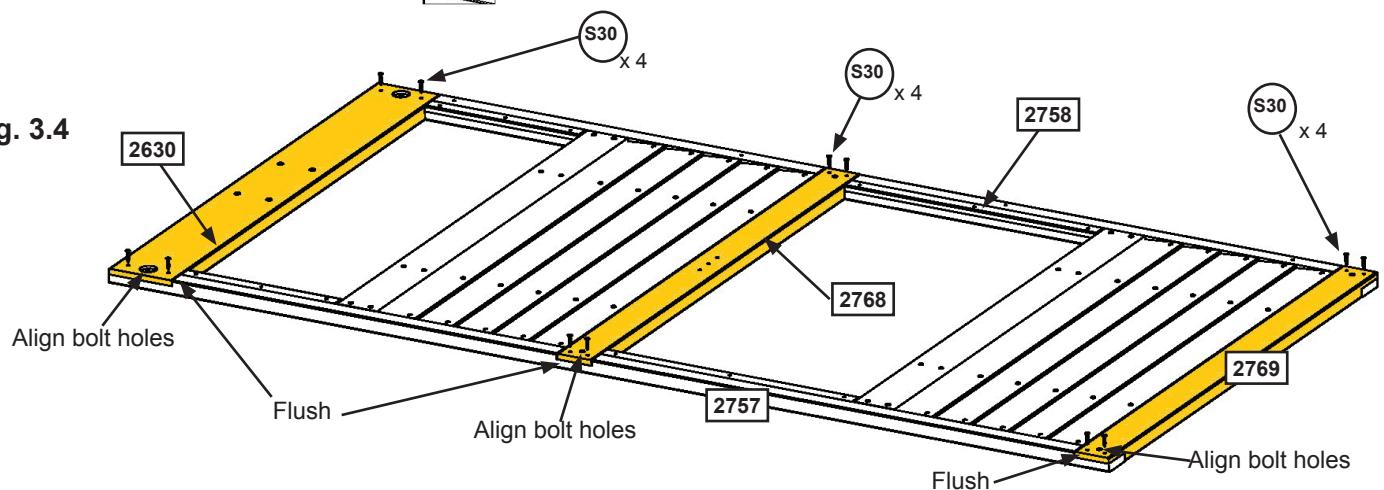


Fig. 3.4



Wood Parts

2 x	2756	Siding Assembly
1 x	2630	SW Top
1 x	2768	Panel Floor
1 x	2769	Panel BT Frame

Hardware

12 x S30 Wood Screw

Step 3: Swing Wall Prep

Part 3



It is important to assemble the frame on a flat, smooth surface.

E: Attach (2630) SW Top to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (WB1) Wafer Bolts (with flat washer) connecting to previously installed t-nuts. (fig. 3.5 and 3.6)

F: Attach (2768) Panel Floor to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (H9) Hex Bolts (with lock washer and flat washer) connecting to previously installed t-nuts. (fig. 3.5).

G: Place 1 (2778) SW Ground MOD to each side of (2769) Panel BT Frame, notice the hole locations and attach with 1 (H10) Hex Bolt (with lock washer and flat washer) per board connecting to previously installed t-nuts. (fig. 3.5 and 3.7).

H: Place 1 (2607) Diagonal under (2778) SW Ground MOD on the right hand side so the top sits against (2758) RT Post Assembly and loosely attach with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 3.5 and 3.7).

Fig. 3.5

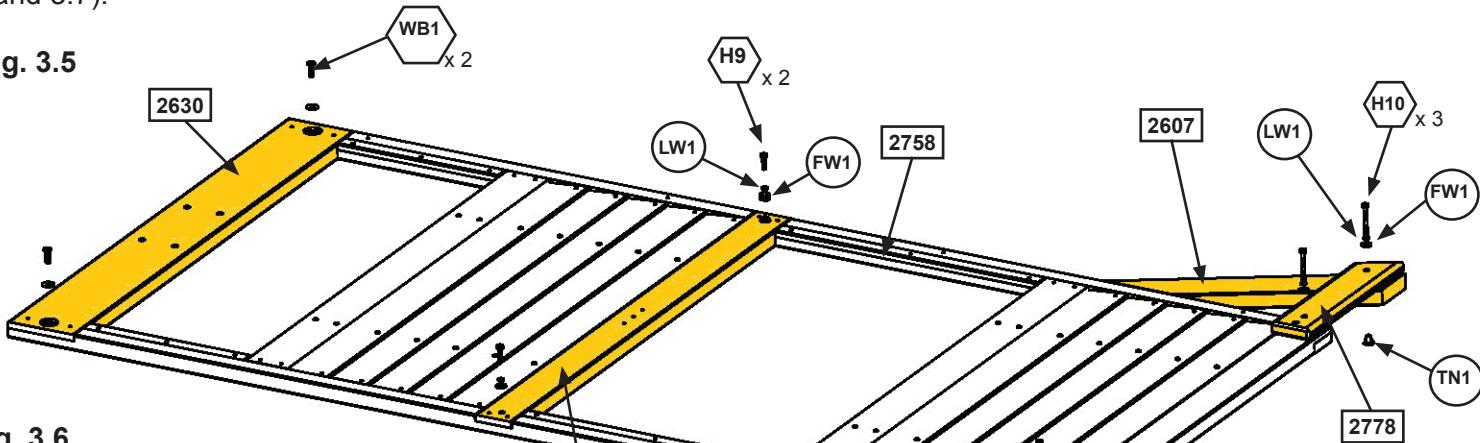


Fig. 3.6

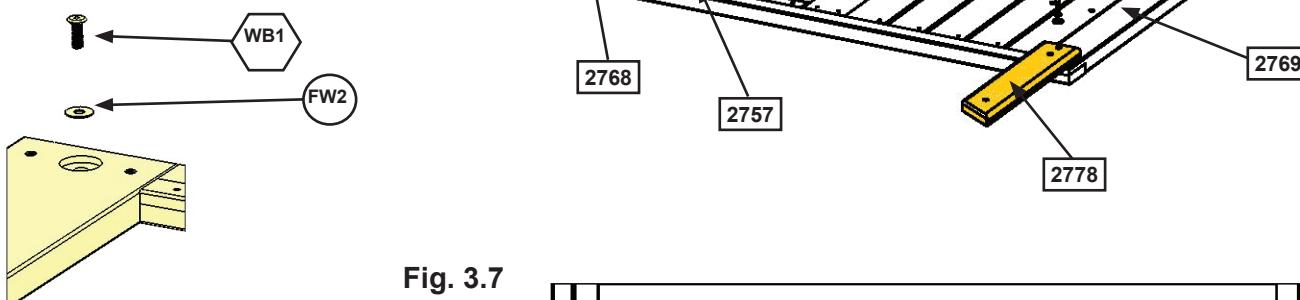
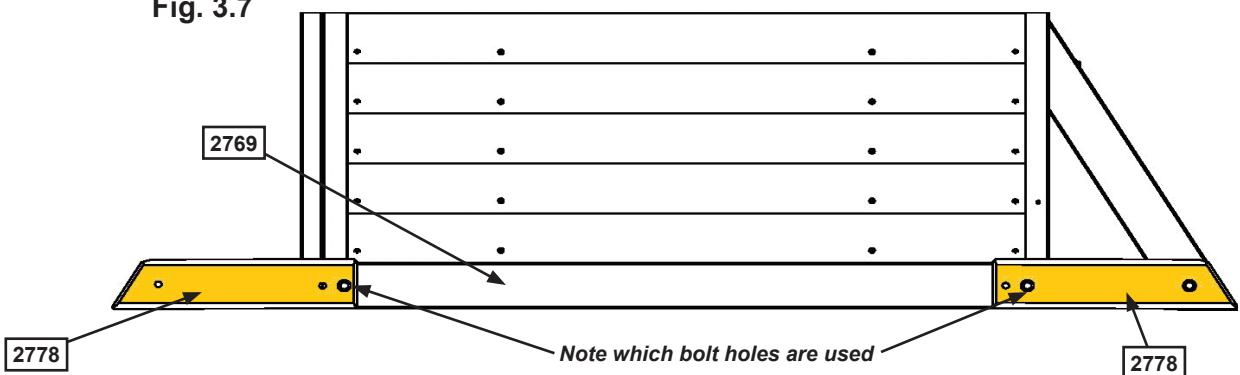


Fig. 3.7



Wood Parts

2 x **2778** SW Ground MOD
1 x **2607** Diagonal

Hardware

2 x WB1	Wafer Bolt (flat washer)
2 x H9	Hex Bolt (lock washer, flat washer)
2 x H10	Hex Bolt (lock washer, flat washer)
1 x H10	Hex Bolt (lock washer, flat washer, t-nut)

Step 3: Swing Wall Prep

Part 4



It is important to assemble the frame on a flat, smooth surface.

I: Attach the top board in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 4 (S30) Wood Screws per board. (fig. 3.8 and 3.9)

J: Attach the remaining boards in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (S0) Truss Screws per board. (fig. 3.8 and 3.9)

Fig. 3.8

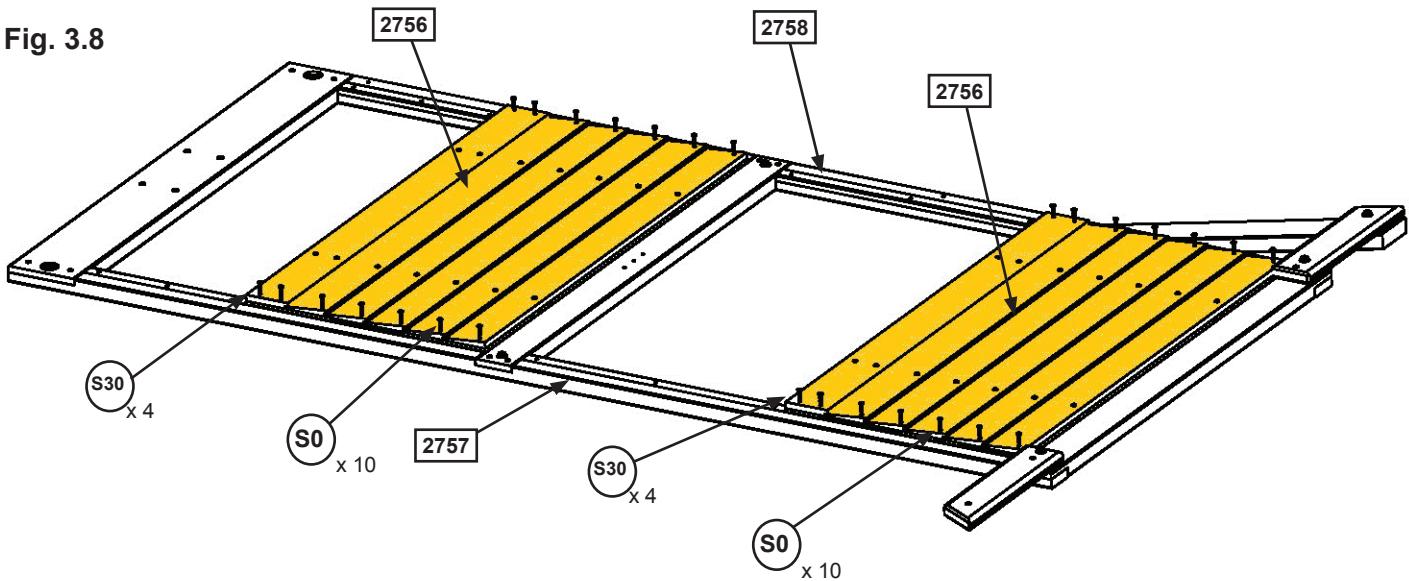
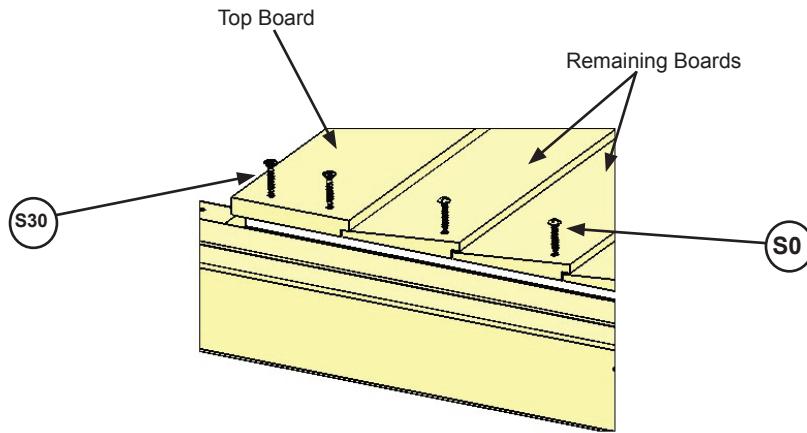


Fig. 3.9



Hardware

8 x **Wood Screw**
20 x **Truss Screw**

Step 4: Frame Assembly

Part 1



It is important to assemble the frame on a flat, smooth surface.

A: Place Swing Wall from Step 3 between 2 Front and Back Walls from Step 1, noticing the wall orientations. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 1/8" (3.2 mm) drill bit and fasten the Front Wall to the Swing Wall and Swing Wall to the Back Wall with 4 (WL5) Wafer Lags per side. (fig. 4.1, 4.2 and 4.3)

Fig. 4.1
Top View

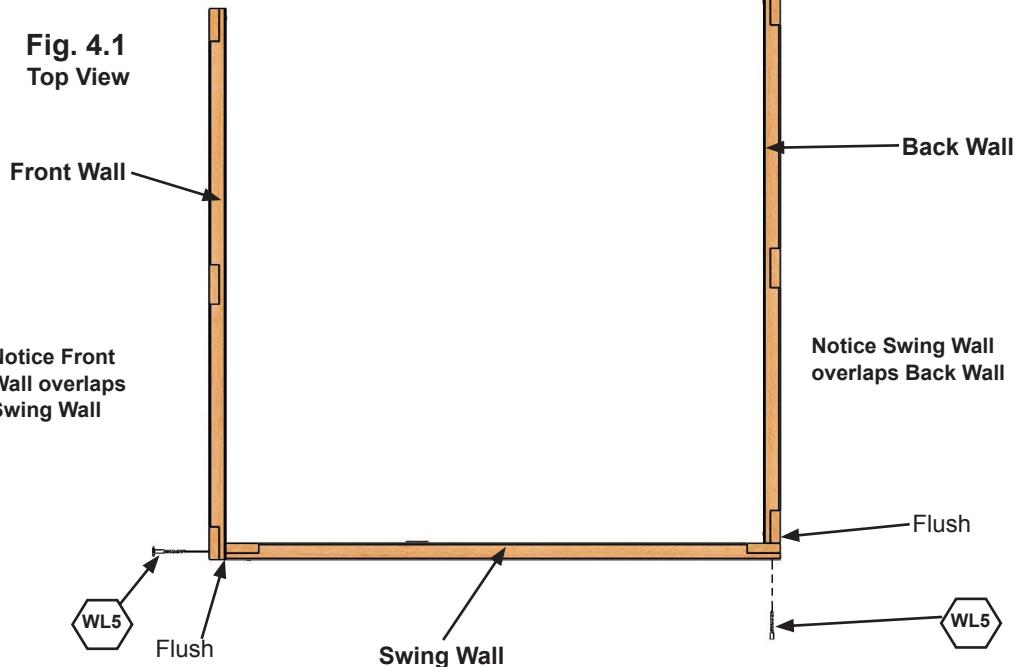


Fig. 4.3

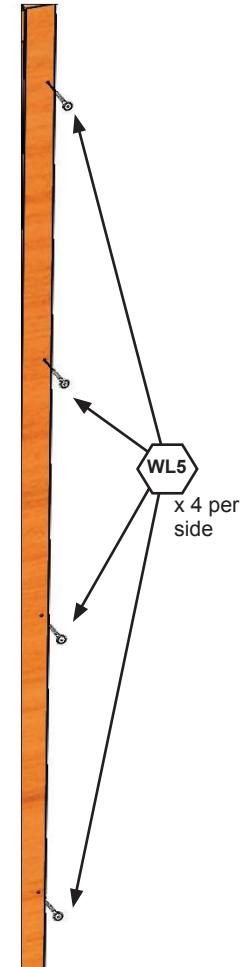
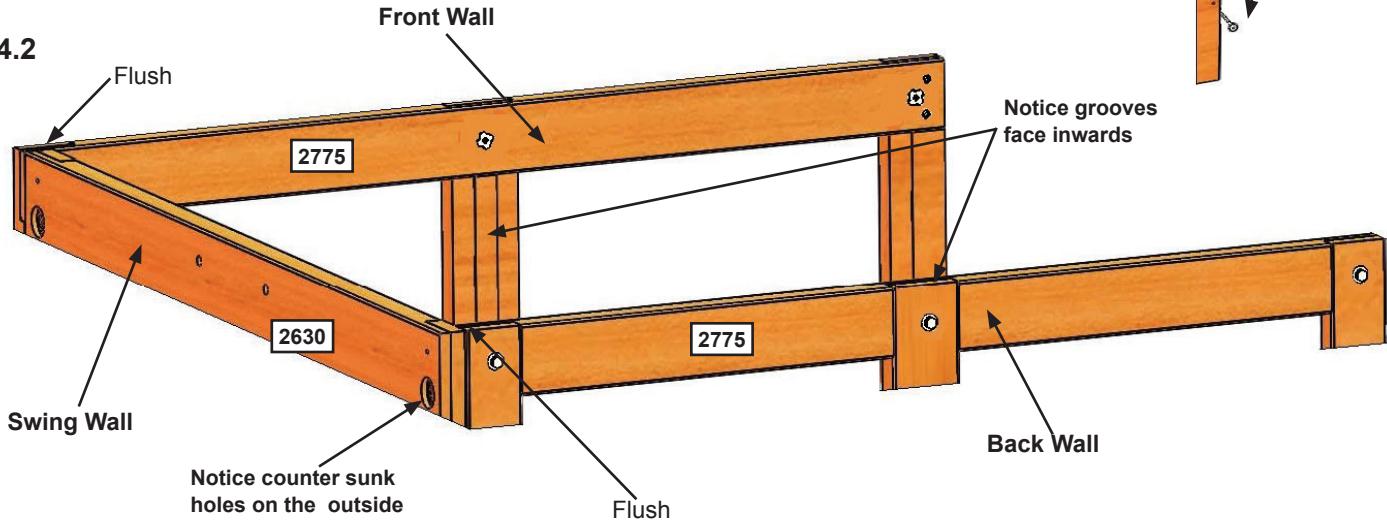


Fig. 4.2



Hardware

8 x Wafer Lag

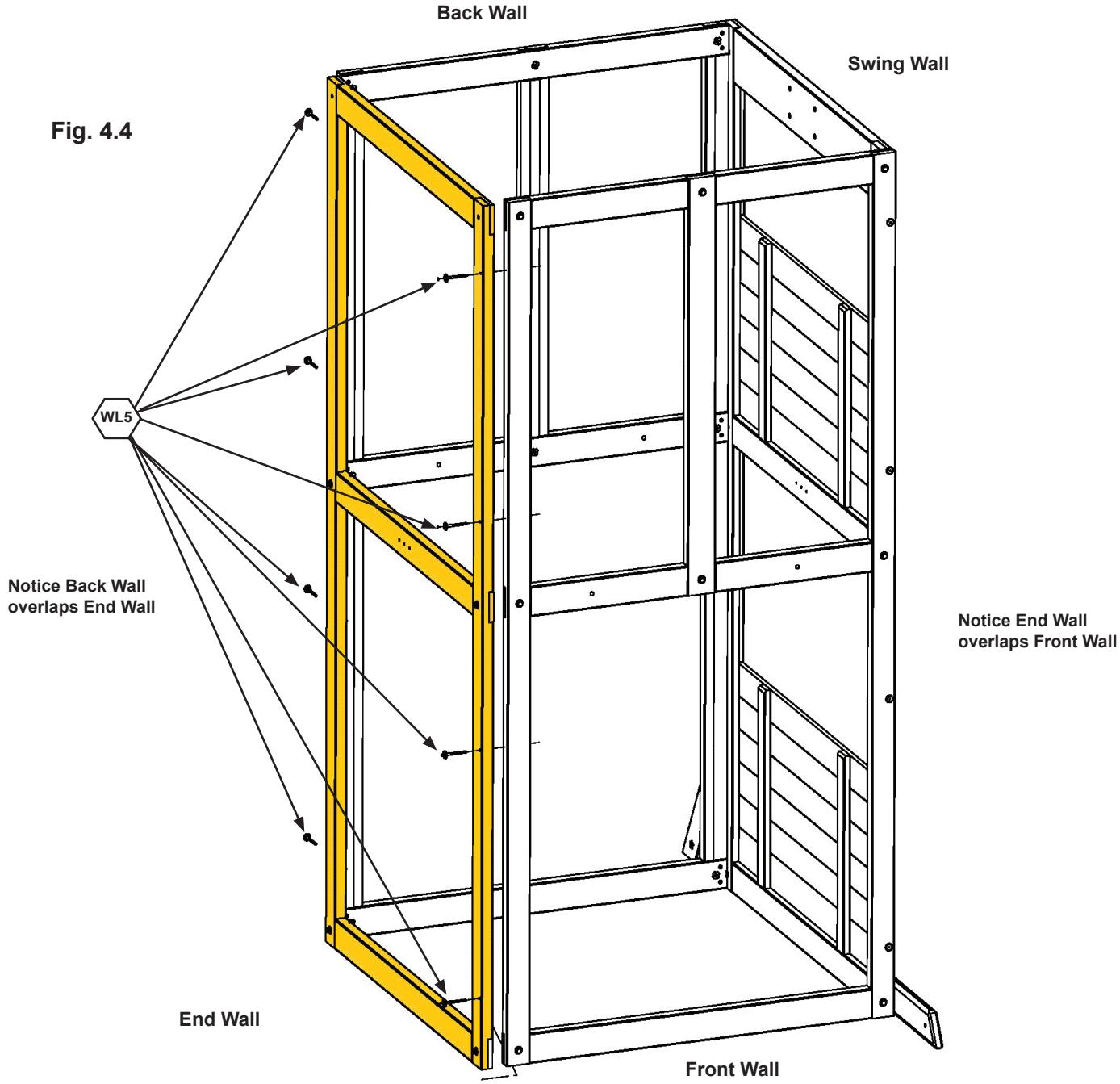
Step 4: Frame Assembly

Part 2



B: Place End Wall from Step 2 between the Front Wall and Back Wall noticing the wall orientation. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 1/8" (3.2 mm) drill bit and fasten the Back Wall to the End Wall and End Wall to the Front Wall with 4 (WL5) Wafer Lags per side. (fig. 4.4)

Fig. 4.4



Hardware

8 x  Wafer Lag

Step 4: Frame Assembly

Part 3



C: Loosely attach 1 (2607) Diagonal to left (2778) SW Ground MOD with 1 (H10) Hex Bolt (with lock washer, flat washer and t-nut). (fig. 4.5)

D: Place each (2607) Diagonal tight and flush to the front of the Swing Wall then pre-drill pilot holes with a 1/8" (3.2 mm) drill bit and attach each (2607) Diagonal to the Swing Wall with 1 (LS3) Lag Screw (with flat washer) per board, checking that they remain flush to outside edge. (fig. 4.5 and 4.6)

Fig. 4.5

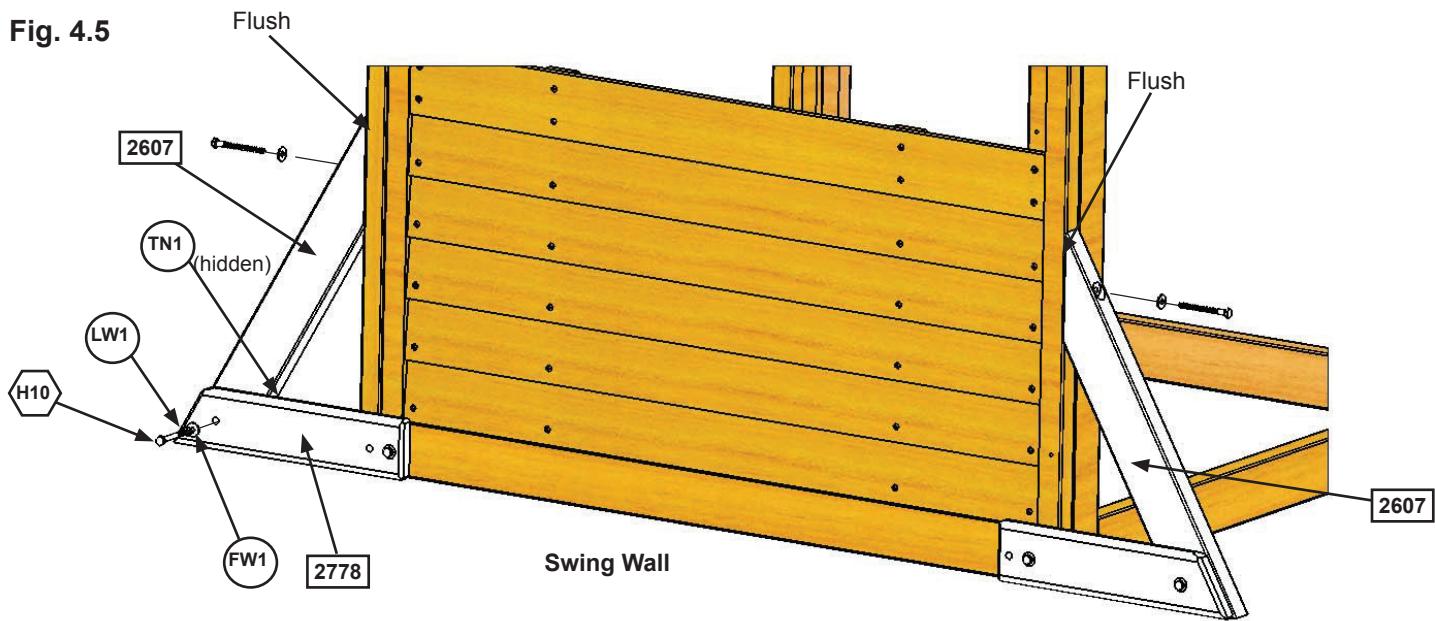
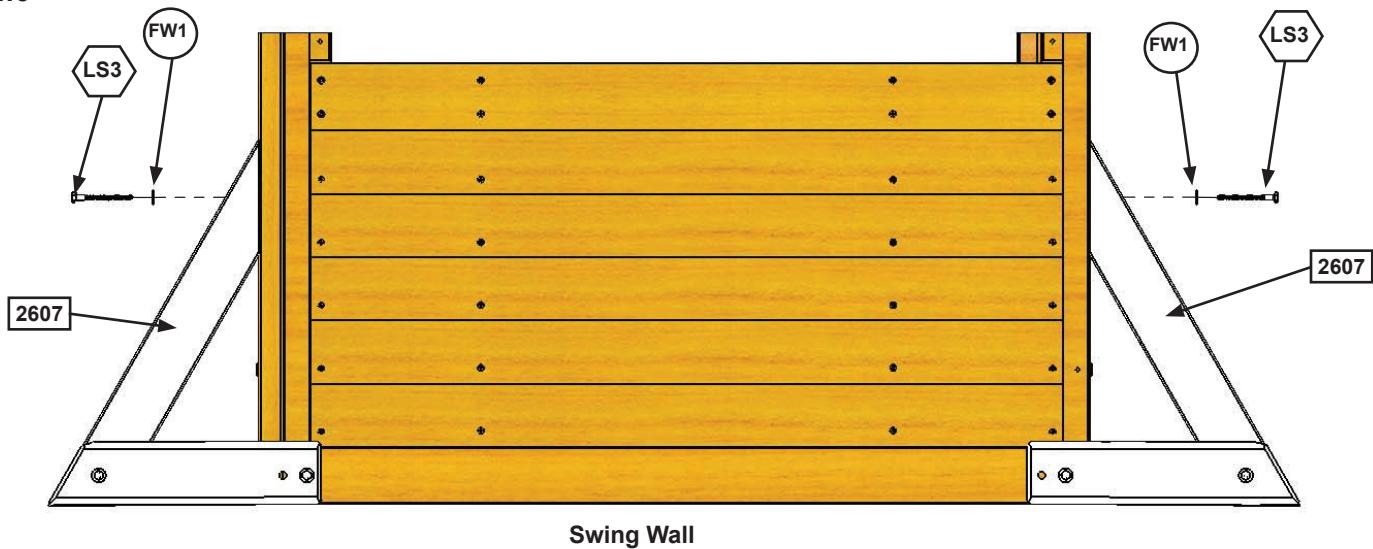


Fig. 4.6



Wood Parts

1 x **2607** Diagonal

Hardware

1 x Hex Bolt (lock washer, flat washer, t-nut)
 2 x Lag Screw (flat washer)

Step 5: Floor Assembly

Part 1



A: From inside of the assembly centre (2608) Floor Joist over the pilot holes in both (2768) Panel Floors in the Swing and End Walls, measure 5/8" (15.9 mm) down from the top of boards then attach (2608) Floor Joist to each board using the left and centre holes with 2 (S4) Wood Screws per board. (fig.5.1, 5.2, 5.3 and 5.4)

Swing Wall

Fig. 5.1

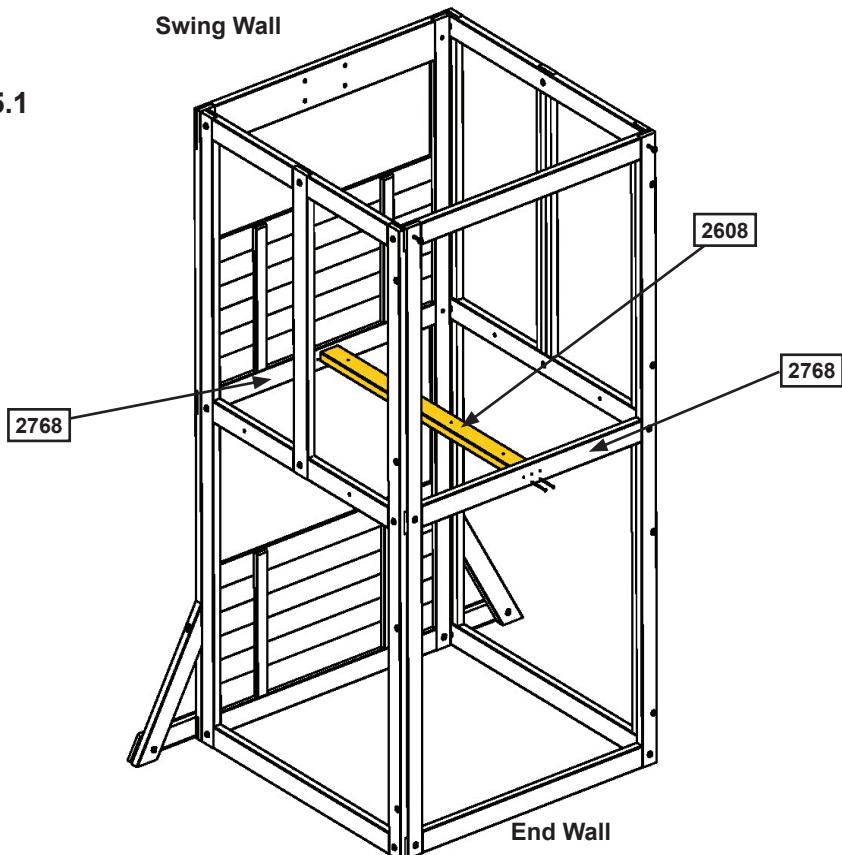


Fig. 5.2

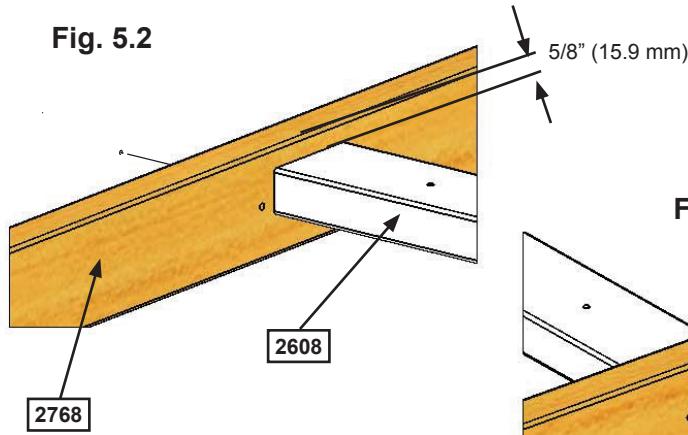


Fig. 5.3

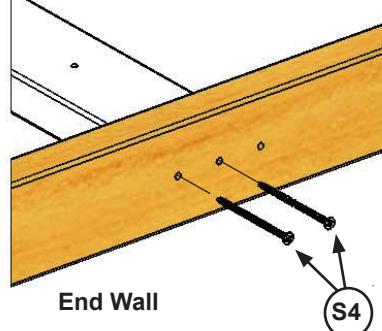
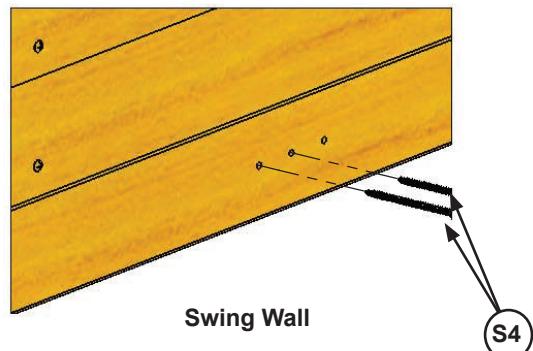


Fig. 5.4



Wood Parts

1 x **2608** Floor Joist

Hardware

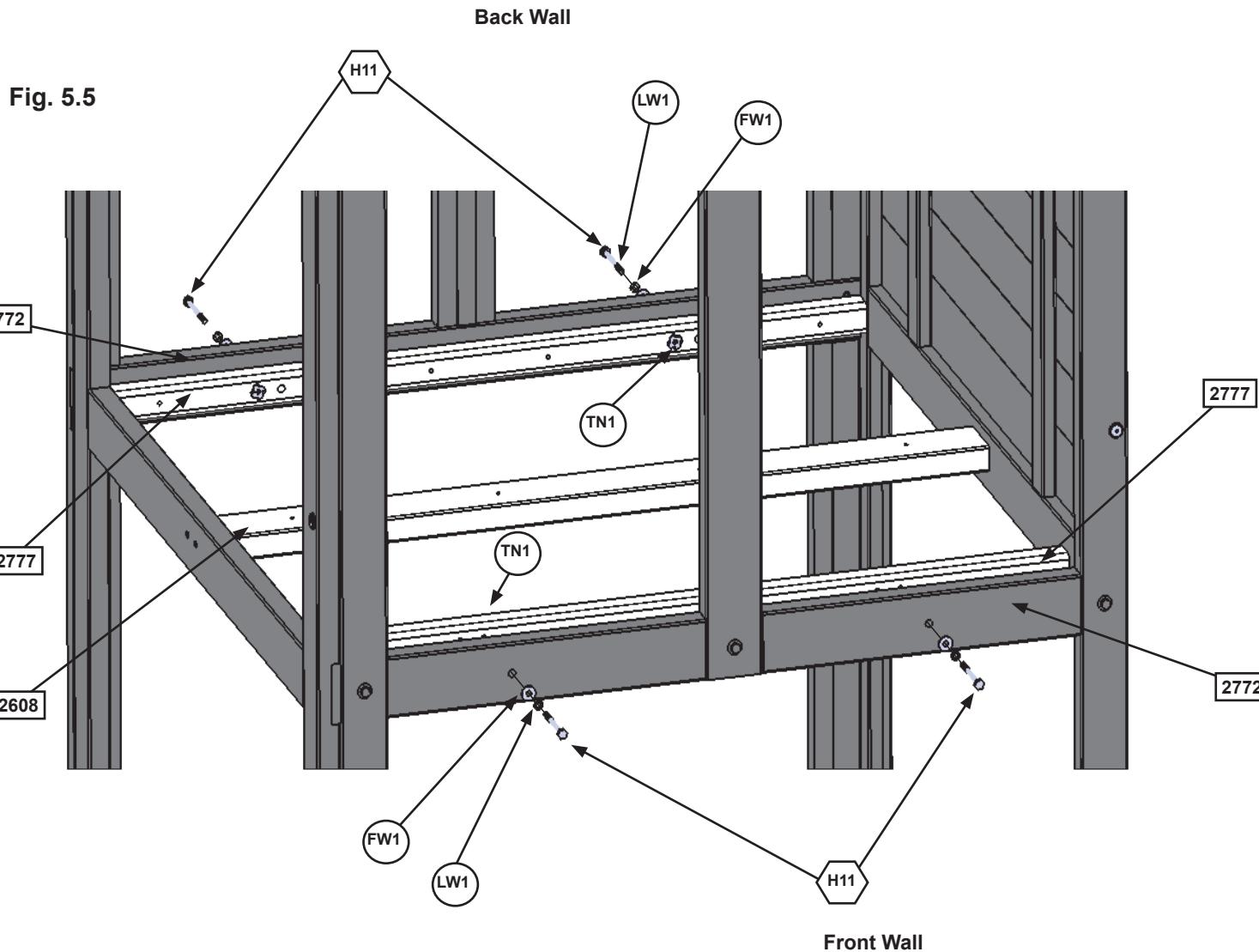
4 x **S4** Wood Screw

Step 5: Floor Assembly

Part 2



B: On the inside of both the Front and Back Walls loosely attach 1 (2777) Side Joist MOD to each (2772) Panel Floor Support with 2 (H11) Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 5.5. Make sure both (2777) Side Joist MODs are level with (2608) Floor Joist.



Wood Parts

2 x **2777** Side Joist MOD

Hardware

4 x **H11** Hex Bolt
(lock washer, flat washer, t-nut)

Step 5: Floor Assembly

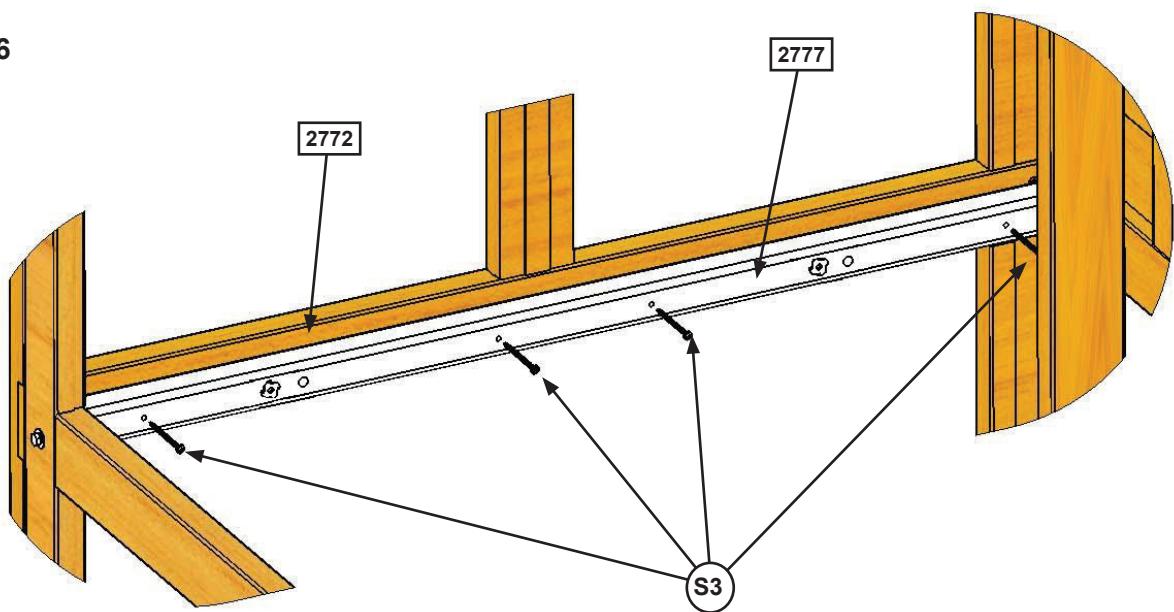
Part 3



C: Fasten each (2777) Side Joist MOD to each (2772) Panel Floor Support with 4 (S3) Wood Screws per board as shown in fig. 5.6.

D: Tighten all (H11) Hex Bolts in both (2777) Side Joist MOD.

Fig. 5.6



Hardware

8 x  Wood Screw

Step 5: Floor Assembly

Part 4



E: Starting at the Swing Wall place (2648) Floor Board followed by 8 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2608) Floor Joist and each (2777) Side Joist MOD with 5 (S20) Wood Screws per board. (fig. 5.7 and 5.8)

Fig. 5.7

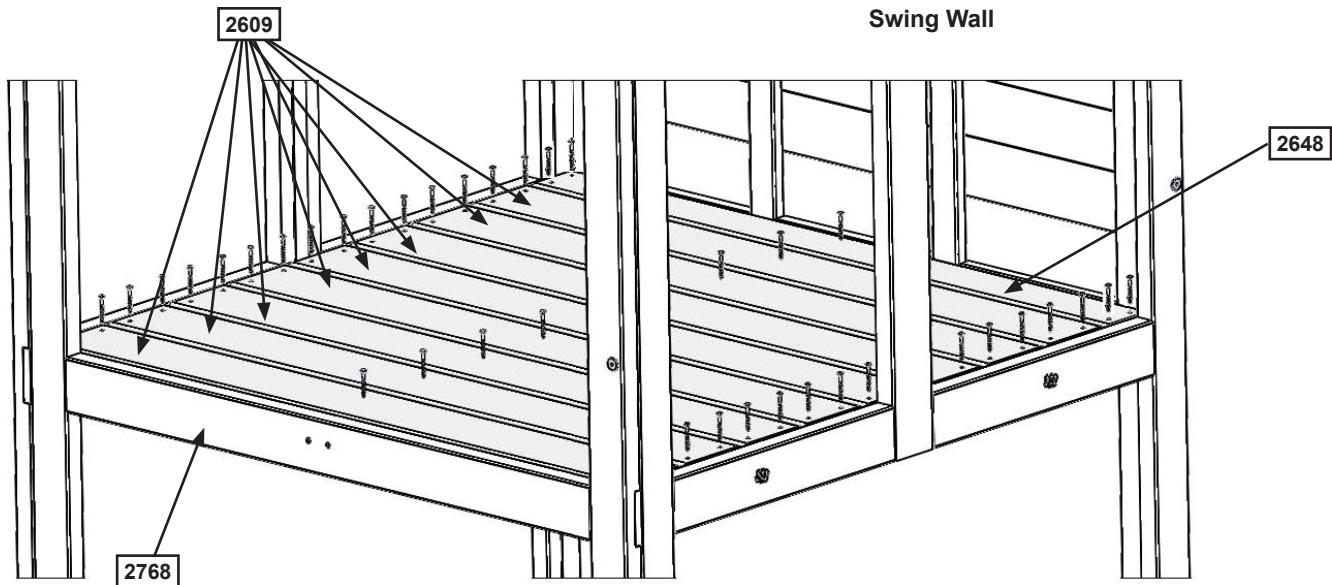
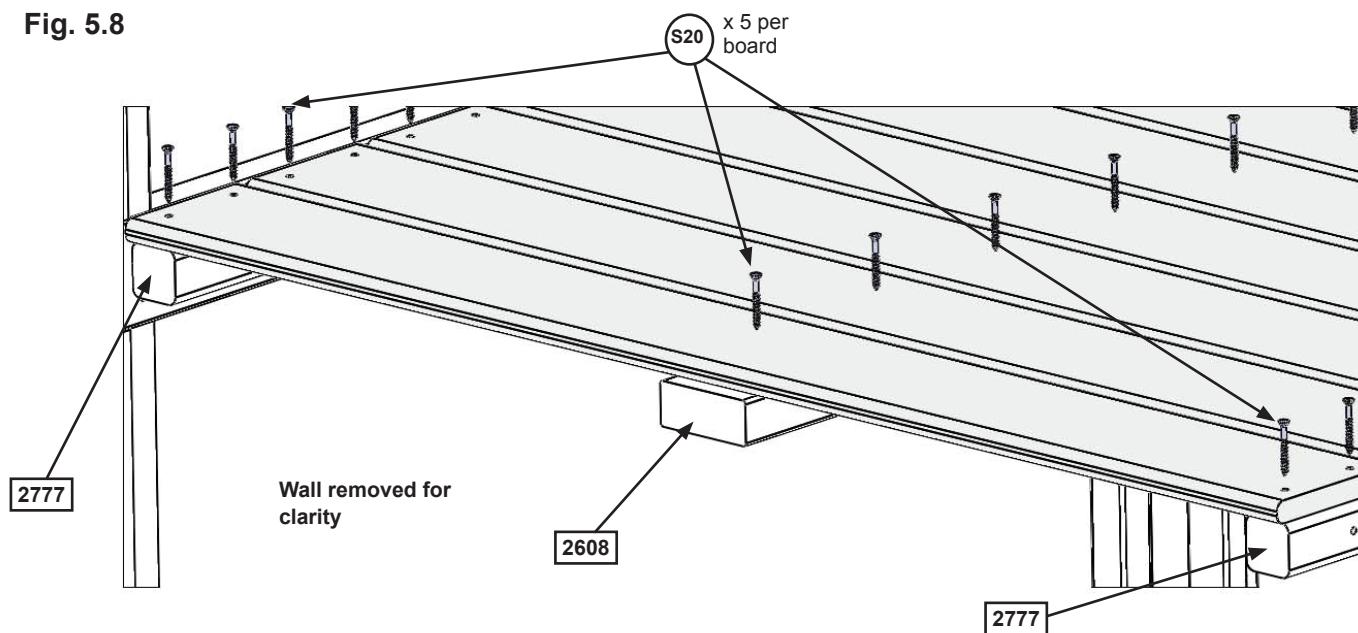


Fig. 5.8



Wood Parts

1 x 2648 Floor Board
8 x 2609 Floor Board

Hardware

45 x S20 Wood Screw

Step 6: Swing Beam Assembly

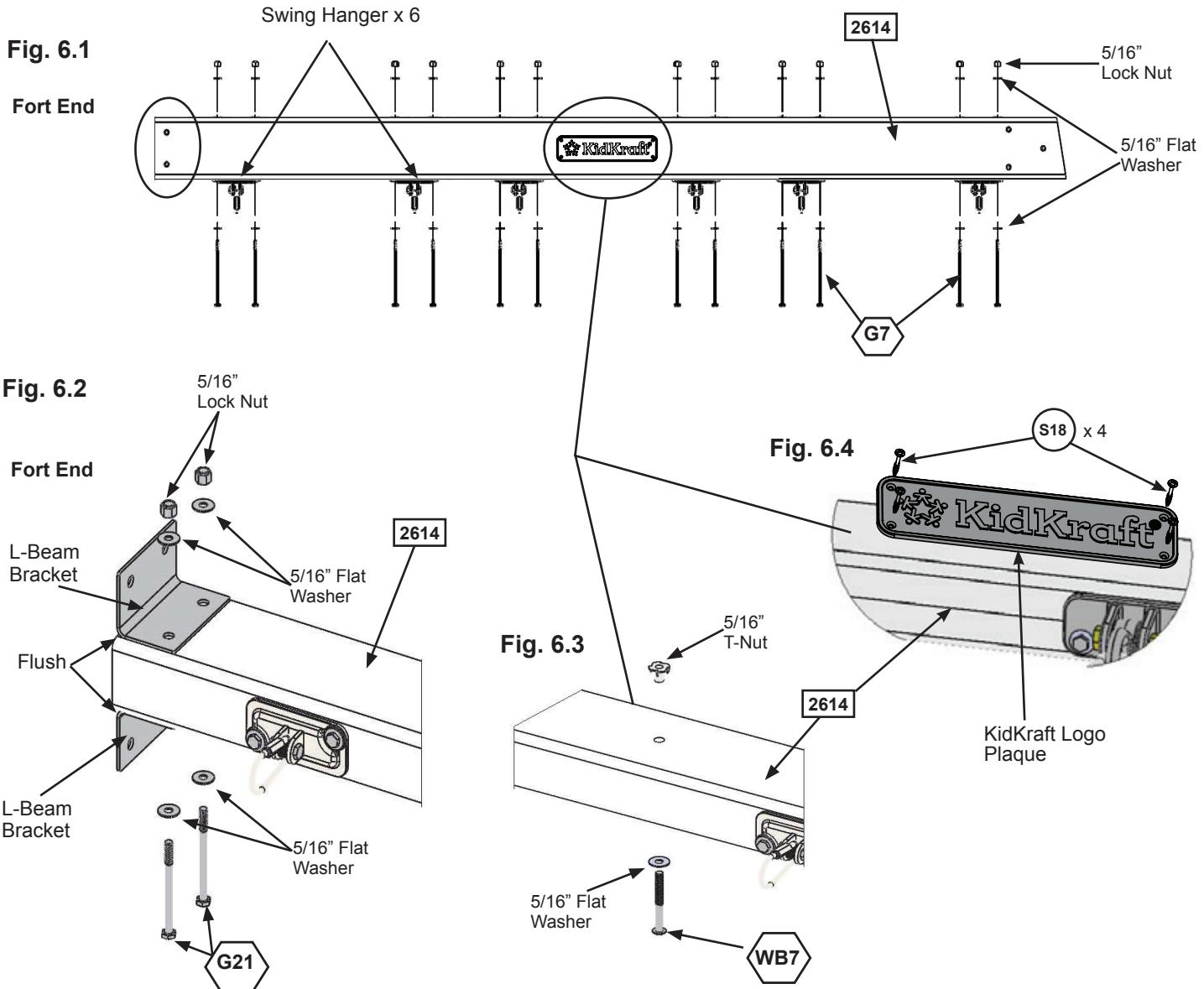


A: Attach 6 Swing Hangers to (2614) Engineered Beam using 2 (G7) Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger, as shown in fig. 6.1.

B: Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 6.2)

C: Install 1 (WB7) Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 6.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

D: Attach KK Logo Plaque to centre of (2614) Engineered Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 6.4)



Wood Parts

1 x **2614** Engineered Beam 4 x 6 x 88"

Hardware

12 x **G7** Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
 2 x **G21** Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
 1 x **WB7** Wafer Bolt (5/16" flat washer, 5/16" t-nut)
 4 x **S18** #6 x 1" Wood Screw

Other Parts

6 x Swing Hangers
 2 x L-Beam Bracket
 1 x KidKraft Logo Plaque

Step 7: Swing End Assembly

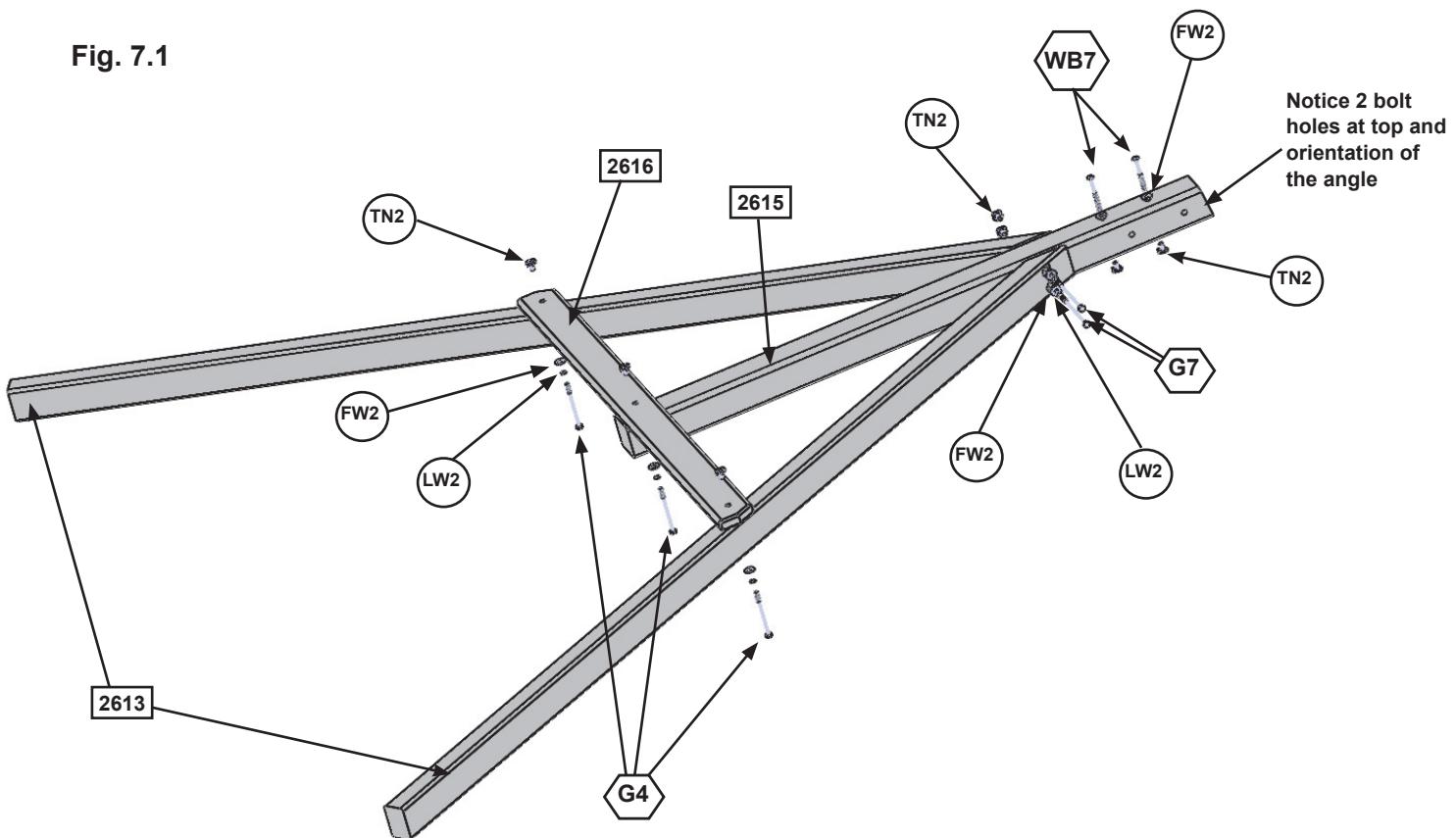


A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

B: Attach (2616) SW Support to both (2613) Heavy SW Posts and (2615) SW Upright using 3 (G4) Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts (fig. 7.1)

C: Install 2 (WB7) Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (2615) SW Upright as shown in fig. 7.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 7.1



Wood Parts

- 2 x 2613 Heavy SW Post
- 1 x 2615 SW Upright
- 1 x 2616 SW Support

Hardware

- 2 x G7 Hex Bolt (lock washer, flat washer, t-nut)
- 3 x G4 Hex Bolt (lock washer, flat washer, t-nut)
- 2 x WB7 Wafer Bolt (flat washer & t-nut)

Step 8: Attach Swing End to Swing Beam



A: Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 8.1 and 8.2)

Fig. 8.1

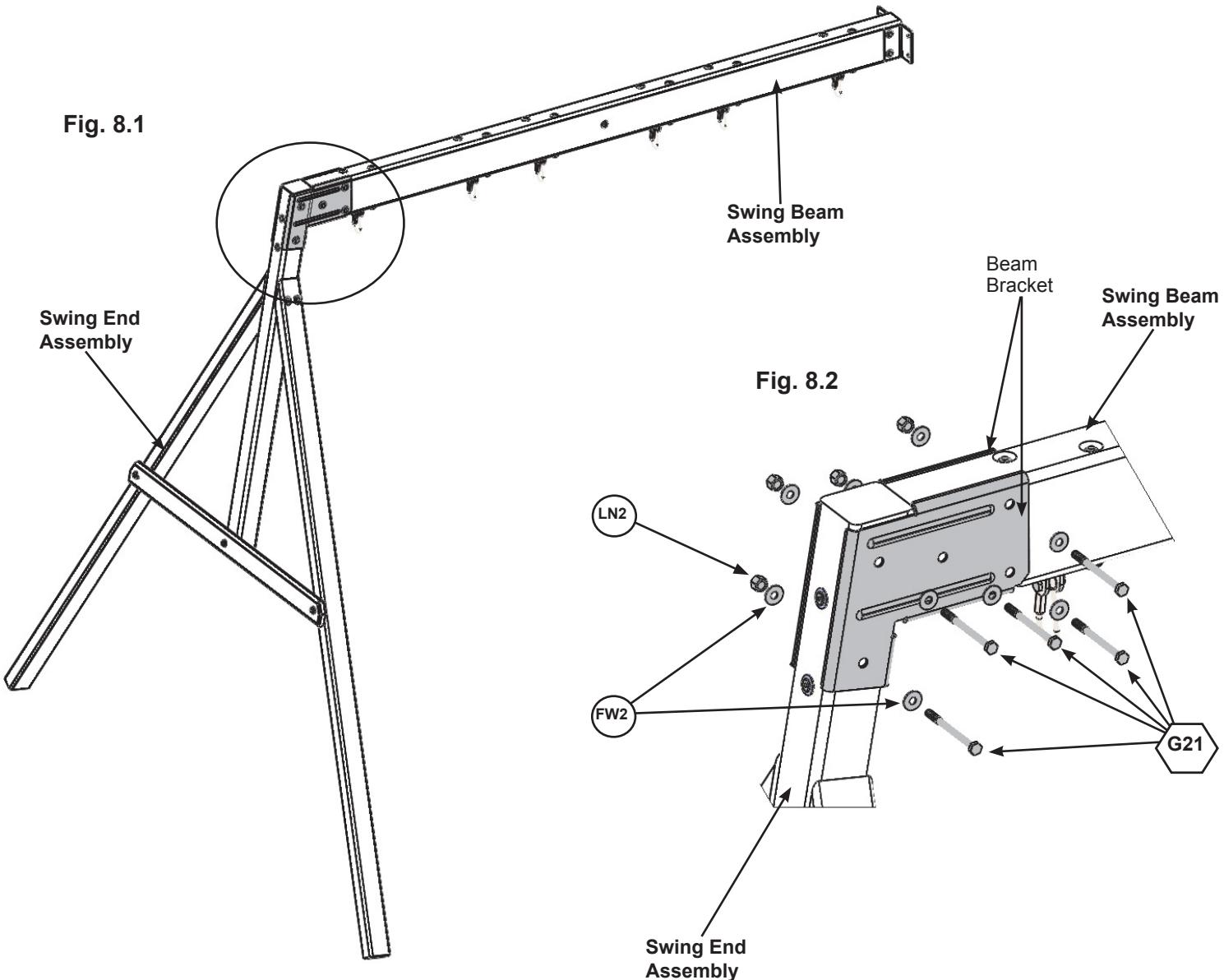
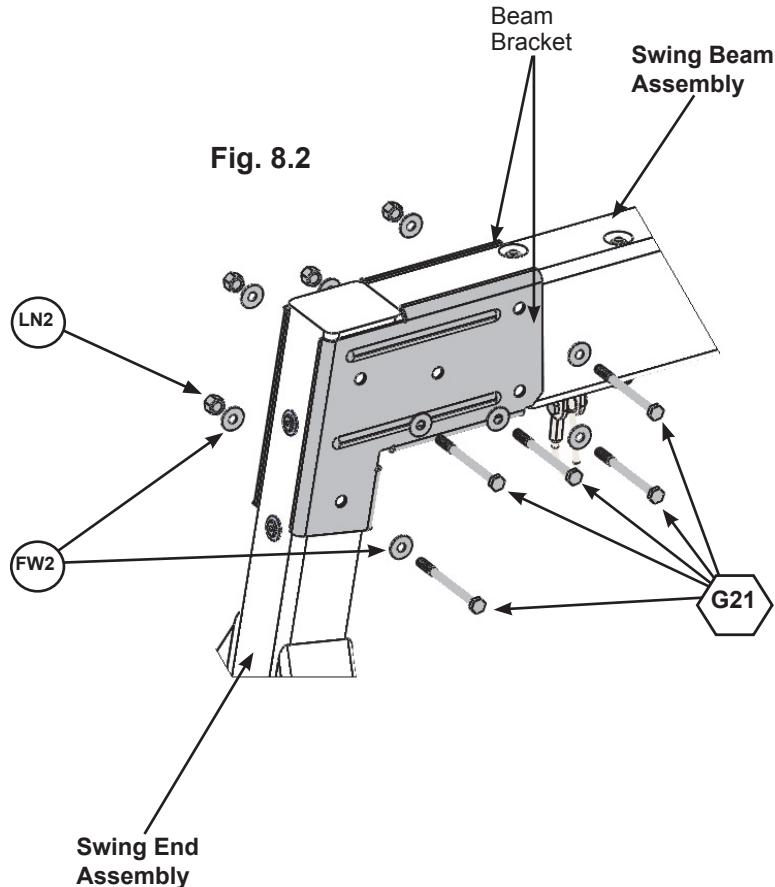


Fig. 8.2



Hardware

5 x Hex Bolt
(2 flat washer, lock nut)

Other Parts

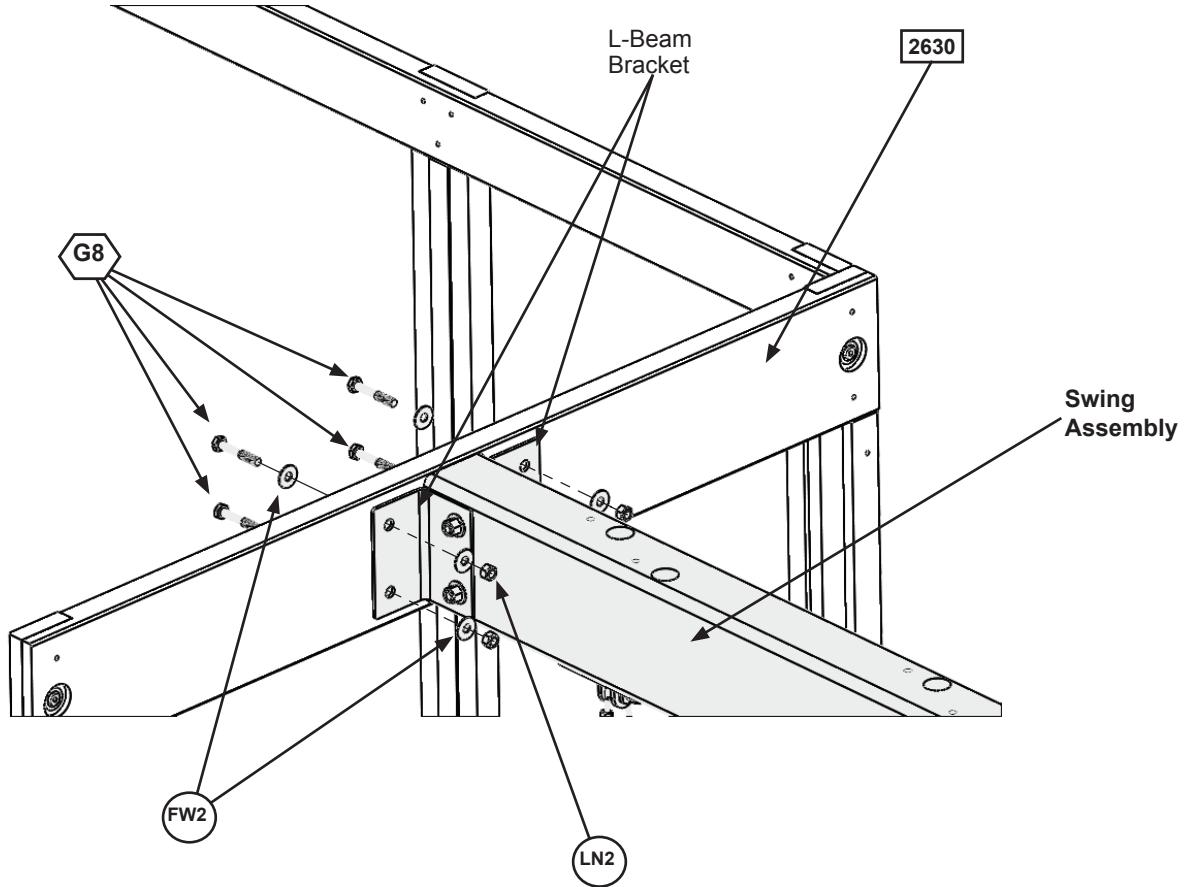
2 x Beam Bracket (Left/Right)

Step 9: Attach Swing Assembly To Fort



A: Place Swing Assembly against top of (2630) SW Top, make sure assembly is level then attach from inside the fort assembly into each L-Beam Bracket with 4 (G8) Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 9.1)

Fig. 9.1



Hardware

4 x Hex Bolt
(2 flat washer, lock nut)

Step 10: Install Ground Stakes



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

A: In the 5 places shown in fig. 10.1 drive the Rebar Ground Stakes 13" (330 mm) into the ground against outside front corner of the End Wall, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes using 1 (S7) Pan Screw per ground stake (fig. 10.2 and 10.3).

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" (330 mm) into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 10.1

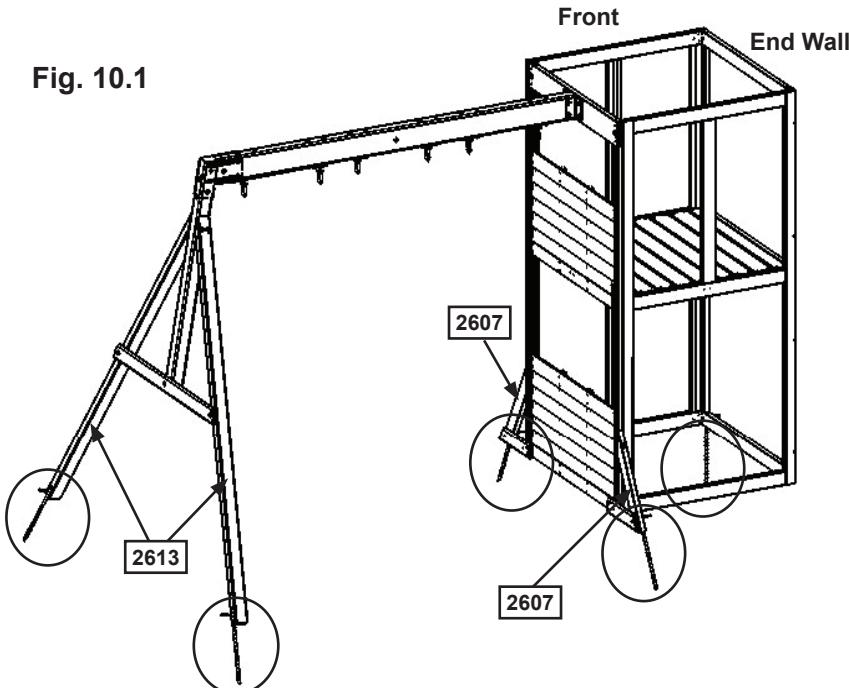


Fig. 10.2

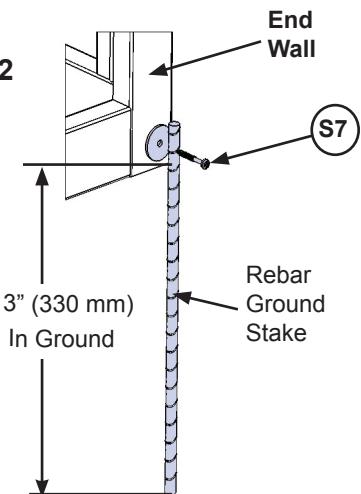
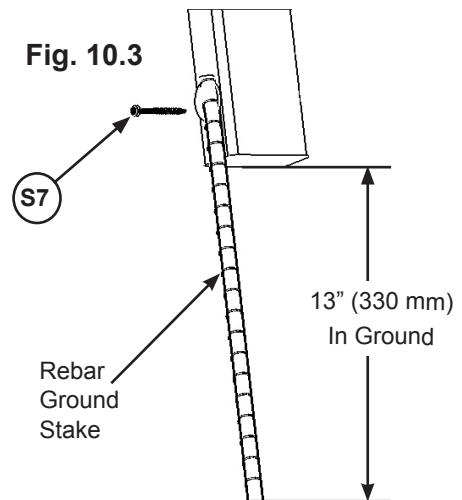


Fig. 10.3



**SEE FRONT COVER
FOR SAFETY CLEARANCE**

Hardware

5 x Pan Screw

Other Parts

5 x Rebar Ground Stake

Step 11: Install Upper and Lower Jambs

Part 1



A: Install the (2601) Lower Jamb on the Front Wall using 2 Jamb Mounts and 8 (S0) Truss Screws. (fig. 11.1, 11.2 and 11.3)

Make sure grooves of (2601) Lower Jamb facing inside

Fig. 11.1

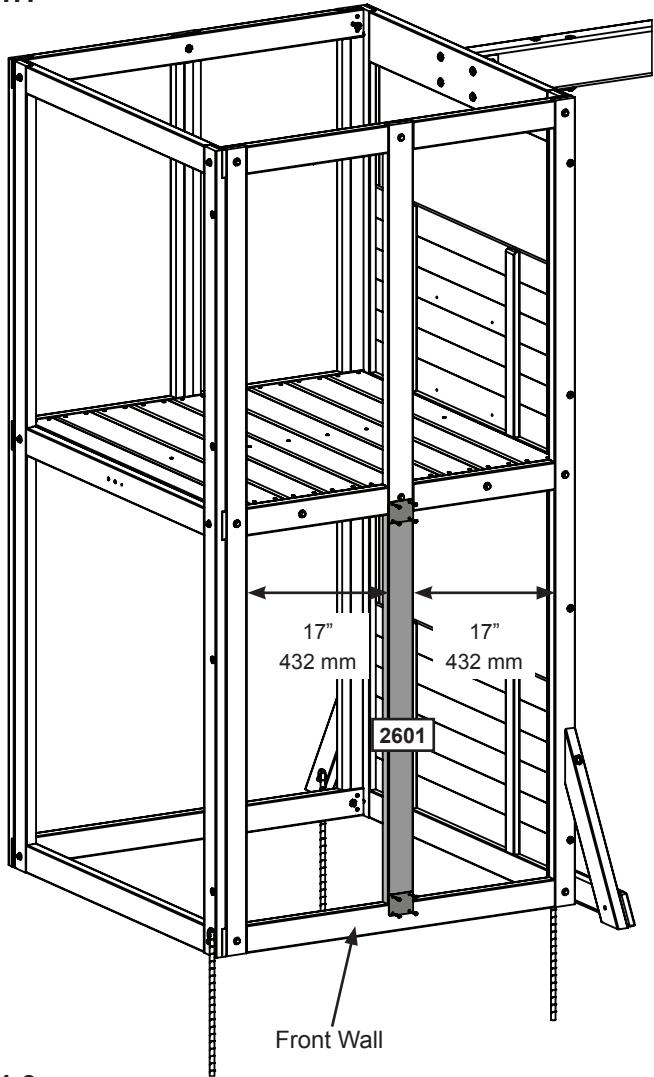


Fig. 11.3

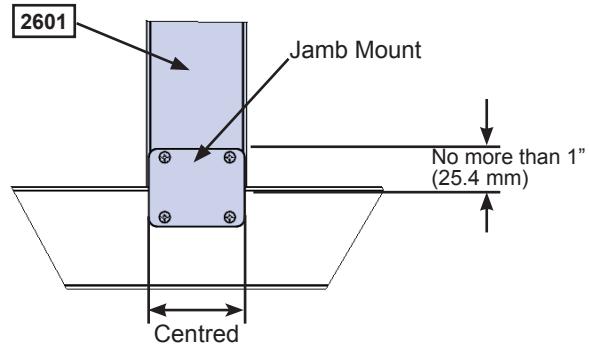
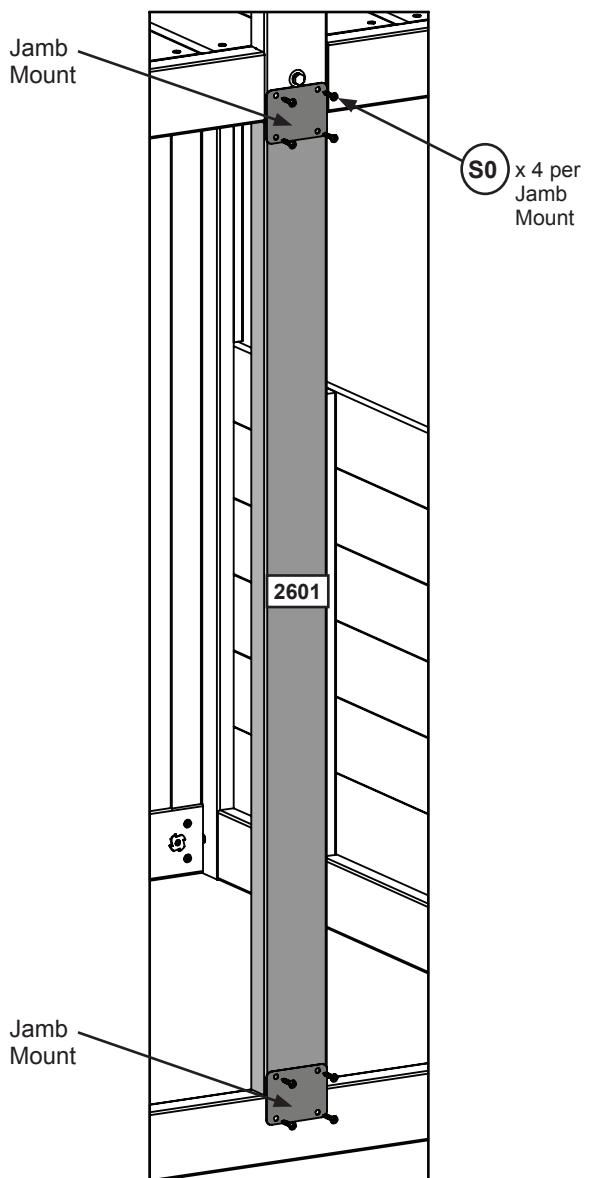


Fig. 11.2

Outside View



Wood Parts

1 x **2601** Lower Jamb

Hardware

8 x **S0** Truss Screw

Other Parts

2 x Jamb Mount

Step 11: Install Upper and Lower Jambs

Part 2



B: Install the (2601) Lower Jamb on the Back Wall using 2 Jamb Mounts and 8 (S0) Truss Screws.
(fig. 11.4, 11.5 and 11.6)

Make sure grooves of (2601) Lower Jamb facing inside

Fig. 11.4

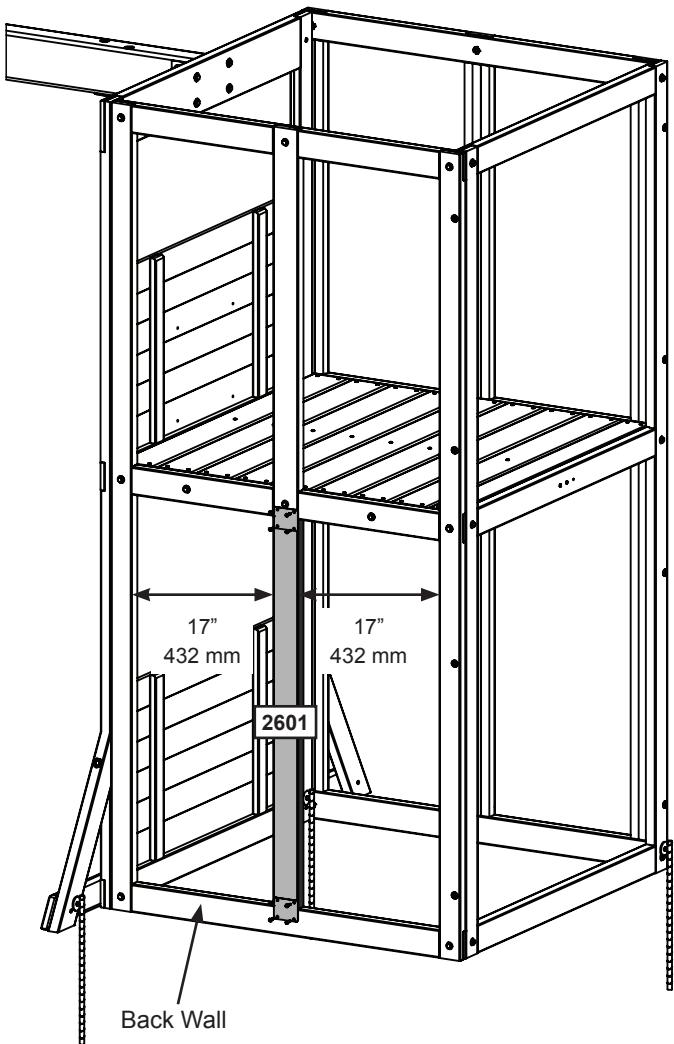


Fig. 11.5 Outside View

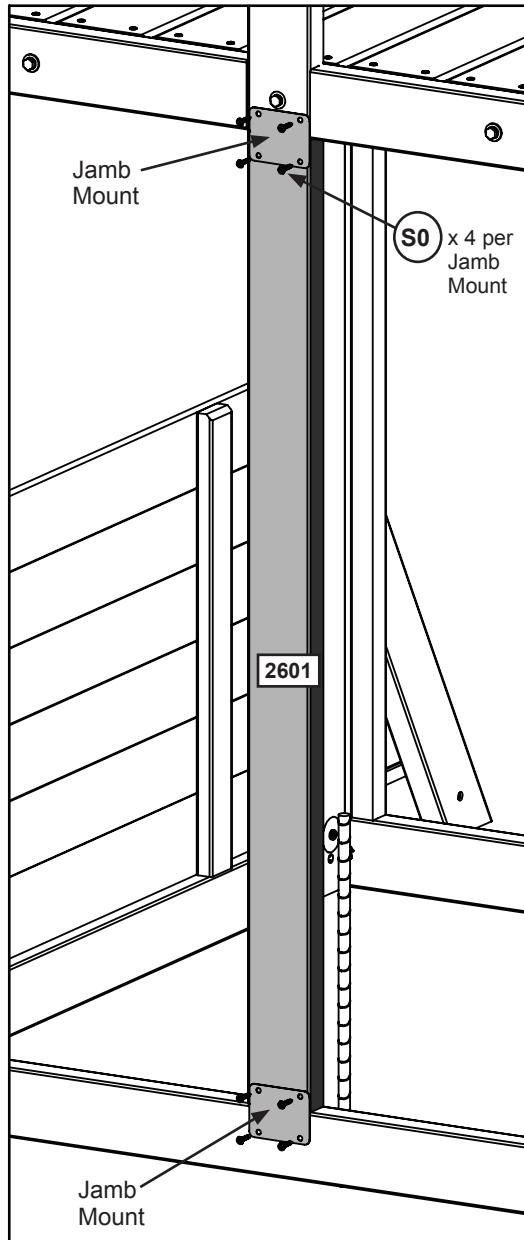
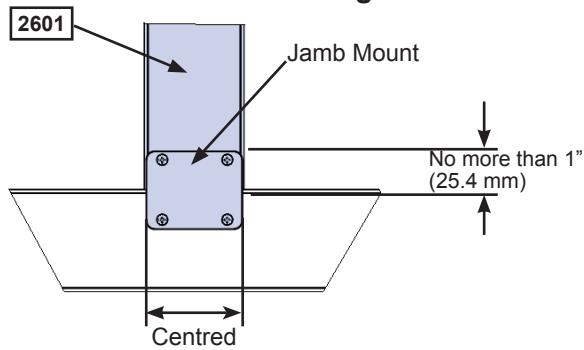


Fig. 11.6



Wood Parts

1 x **2601** Lower Jamb

Hardware

8 x **S0** Truss Screw

Other Parts

2 x Jamb Mount

Step 11: Install Upper and Lower Jambs

Part 3



C: Install the (2602) Upper Jamb on the End Wall using 2 Jamb Mounts and 8 (S0) Truss Screws per board. (fig. 11.7, 11.8 and 11.9)

Make sure grooves of (2602) Upper Jamb facing inside

Fig. 11.7

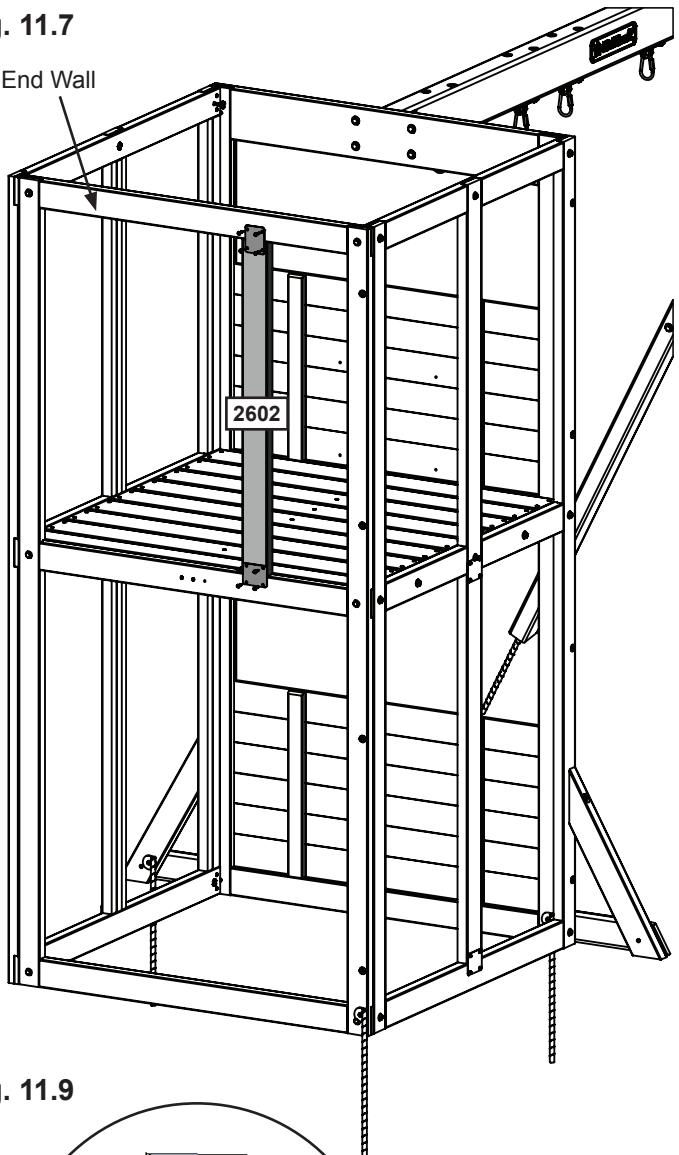


Fig. 11.8

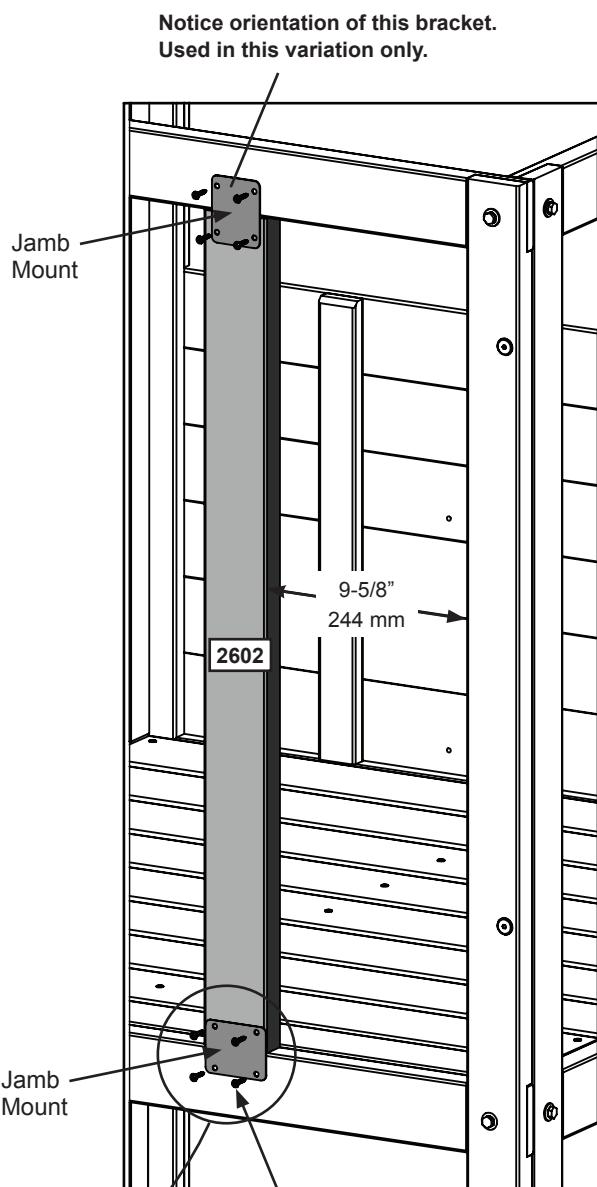
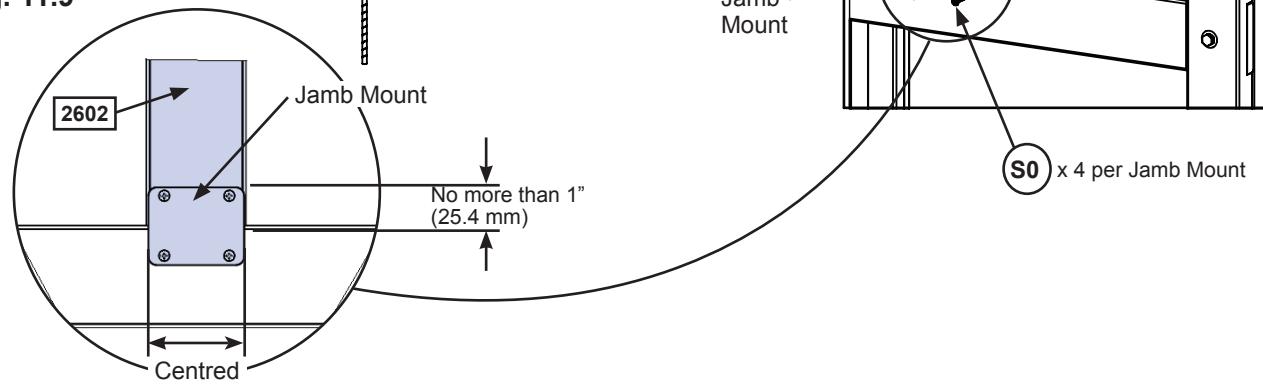


Fig. 11.9



Wood Parts

1 x 2602 Upper Jamb

Hardware

8 x S0 Truss Screw

Other Parts

2 x Jamb Mount

Step 12: Install Windows

Part 1



A: Install the (2719) Upper Window Insert on the Front Wall with 9 (S0) Truss Screws. (fig. 12.1 and 12.2)

Fig. 12.1

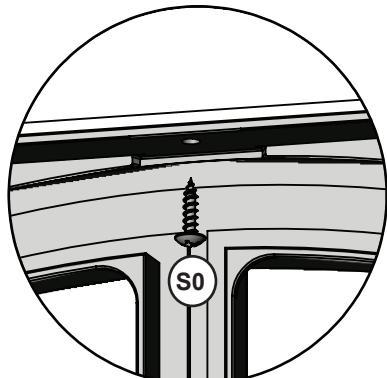
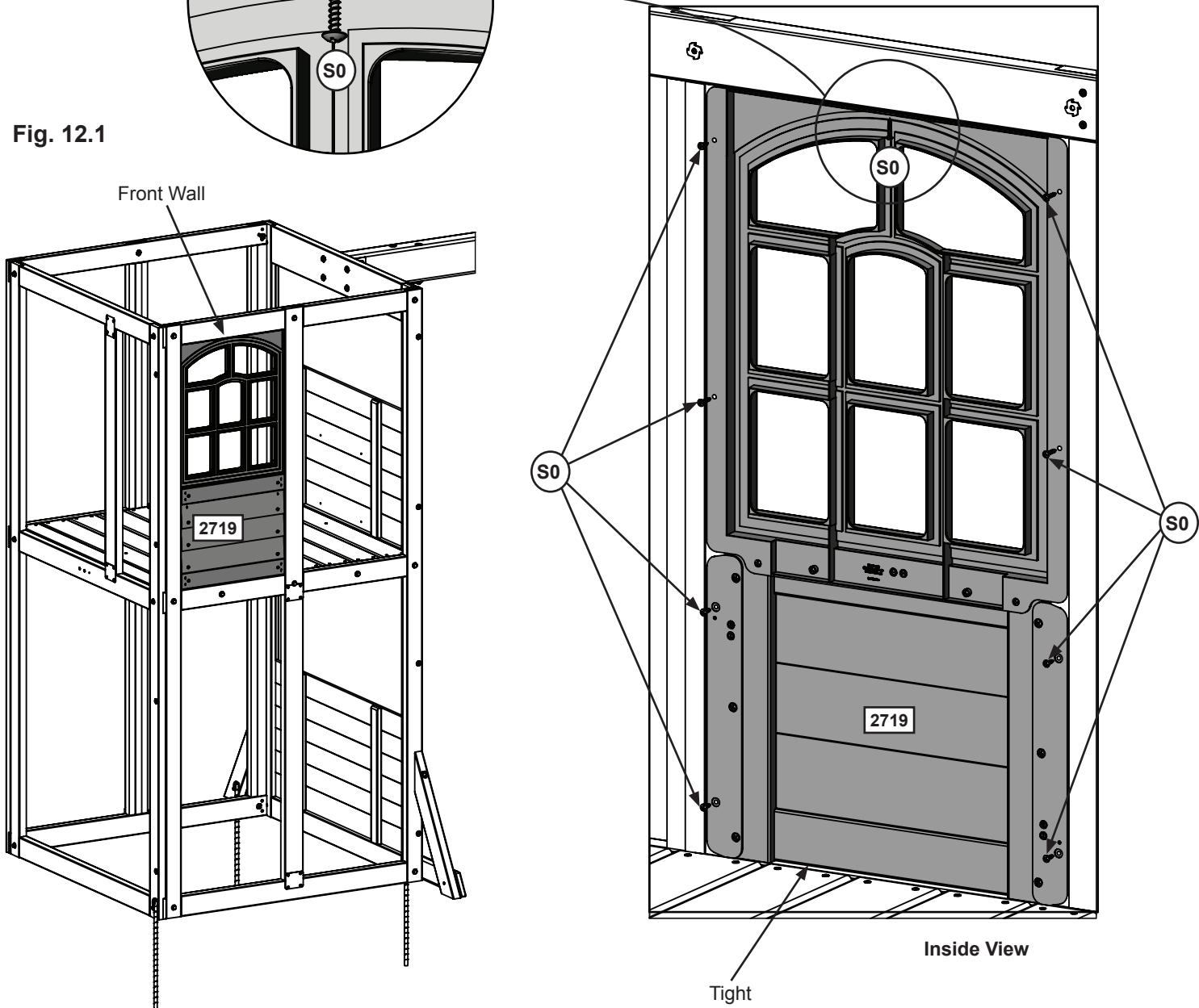


Fig. 12.2



Wood Parts

1 x **2719** Upper Window Insert

Hardware

9 x **S0** Truss Screw

Step 12: Install Windows

Part 2



B: Install the (2719) Upper Window Insert on the Back Wall with 9 (S0) Truss Screws. (fig. 12.3 and 12.4)

Fig. 12.3

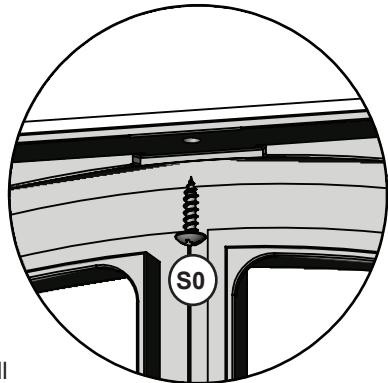
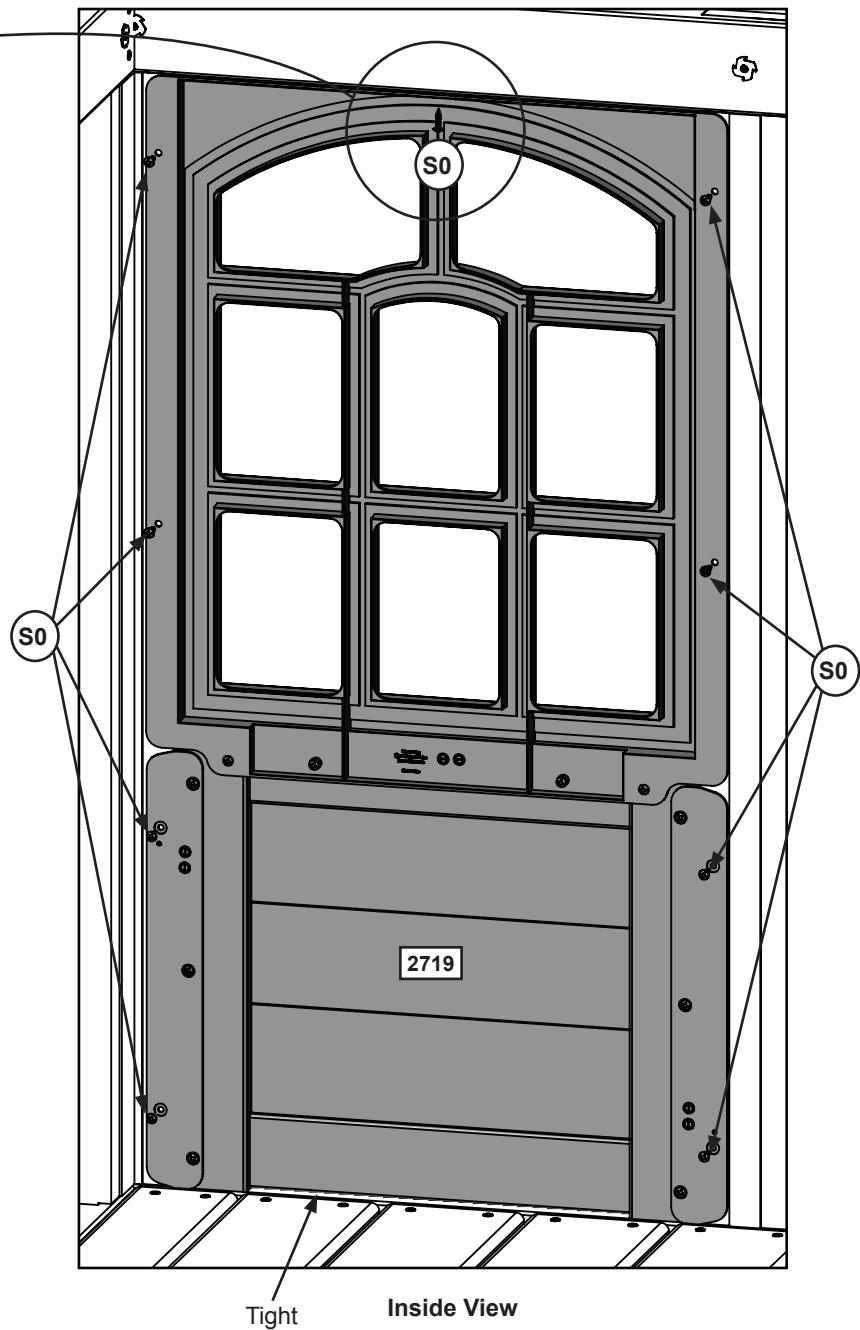


Fig. 12.4



Wood Parts

1 x **2719** Upper Window Insert

Hardware

9 x **S0** Truss Screw

Step 12: Install Windows

Part 3



C: Install the (2720) Lower Window Insert on the Back Wall with 9 (S0) Truss Screws. (fig. 12.5 and 12.6)

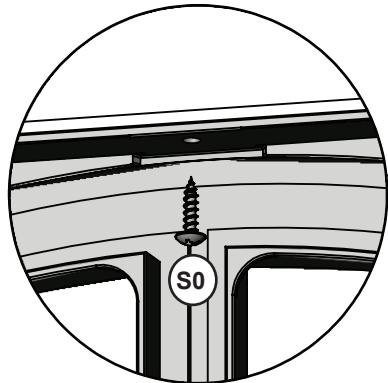
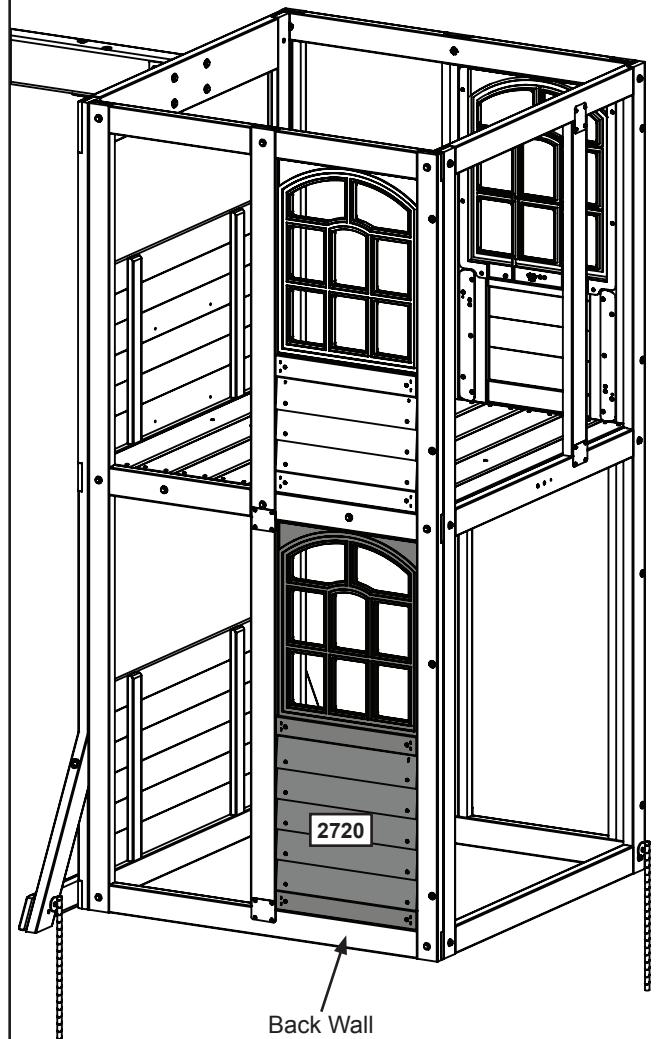
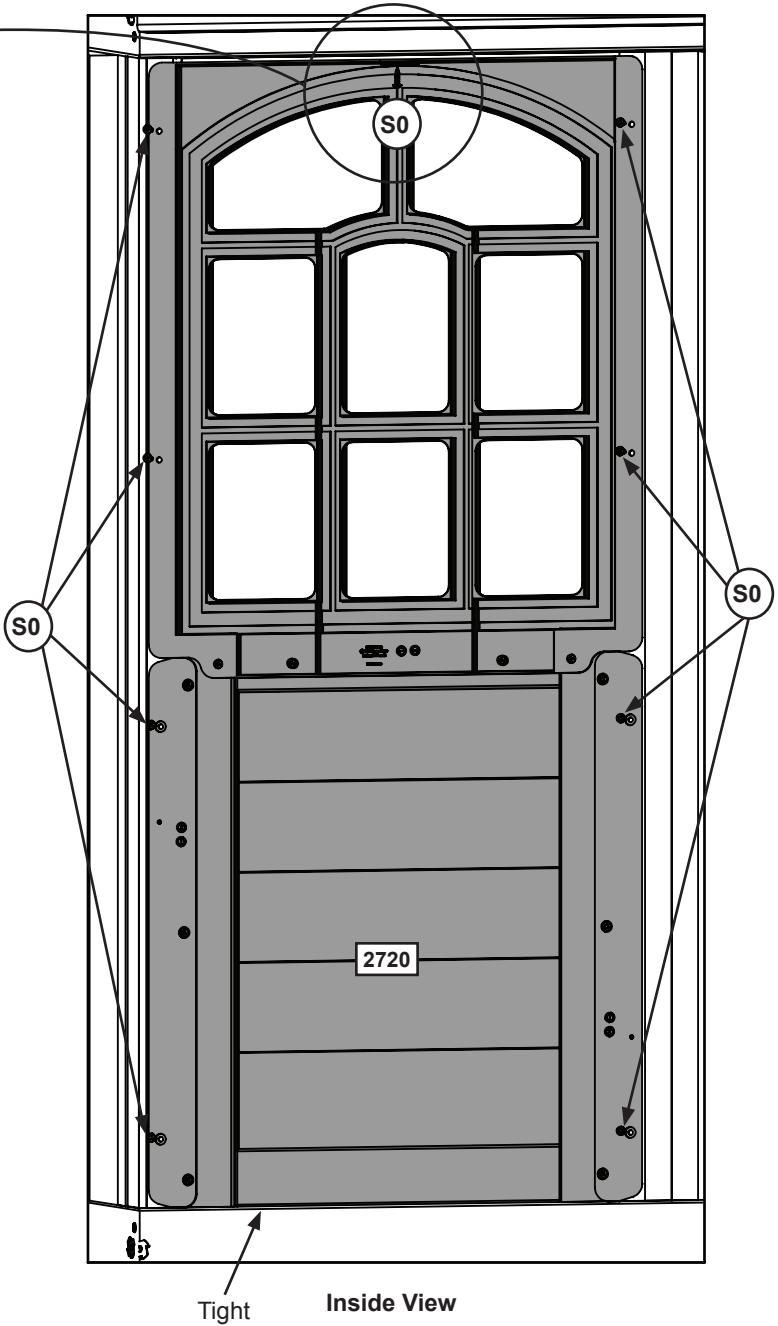


Fig. 12.5

Fig. 12.6



Wood Parts

1 x **2720** Lower Window Insert

Hardware

9 x **S0** Truss Screw

Step 12: Install Windows

Part 4



D: Install the (2720) Lower Window Insert on the Front Wall with 9 (S0) Truss Screws. (fig. 12.7 and 12.8)

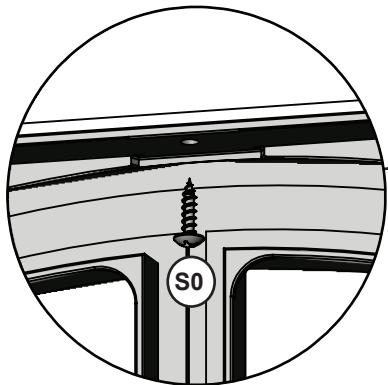
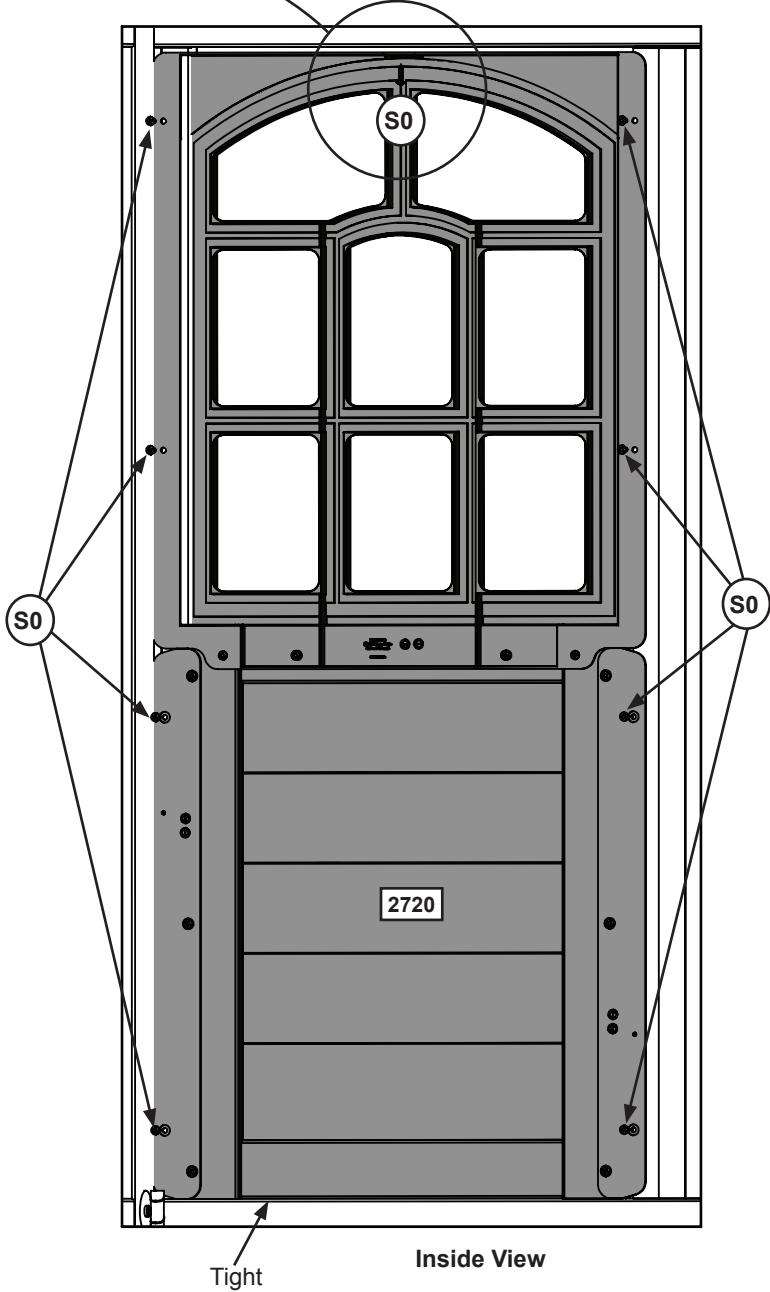
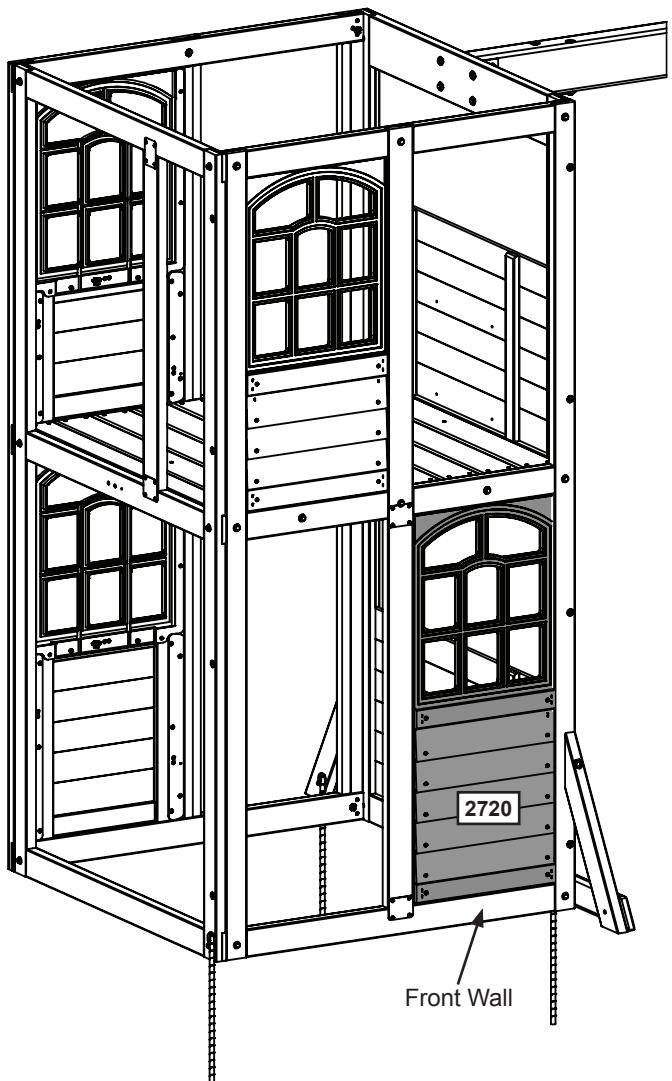


Fig. 12.8

Fig. 12.7



Wood Parts

1 x 2720 Lower Window Insert

Hardware

9 x S0 Truss Screw

Step 13: Install Wall Inserts

Part 1



A: Install the (2665) Half Wall Insert on the End Wall with 4 (S0) Truss Screws. (fig. 13.1 and 13.2)

Fig. 13.1

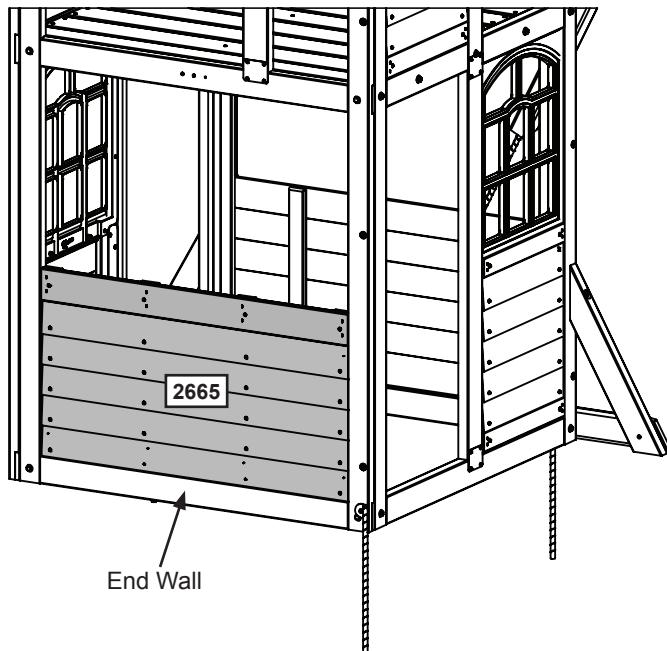
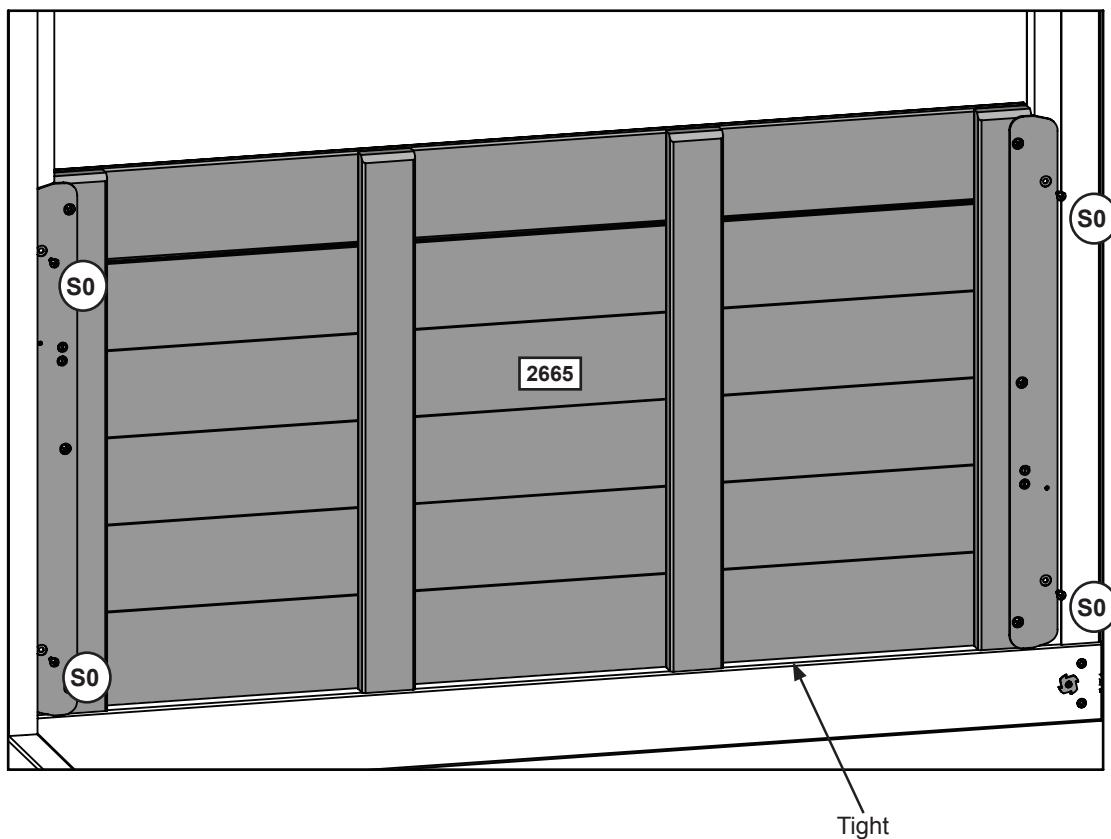


Fig. 13.2

Inside View



Wood Parts

1 x 2665 Half Wall Insert

Hardware

4 x S0 Truss Screw

Step 13: Install Wall Inserts

Part 2



B: Install the (649A) Short Half Wall on the Back Wall with 4 (S0) Truss Screws. (fig. 13.3 and 13.4)

Fig. 13.3

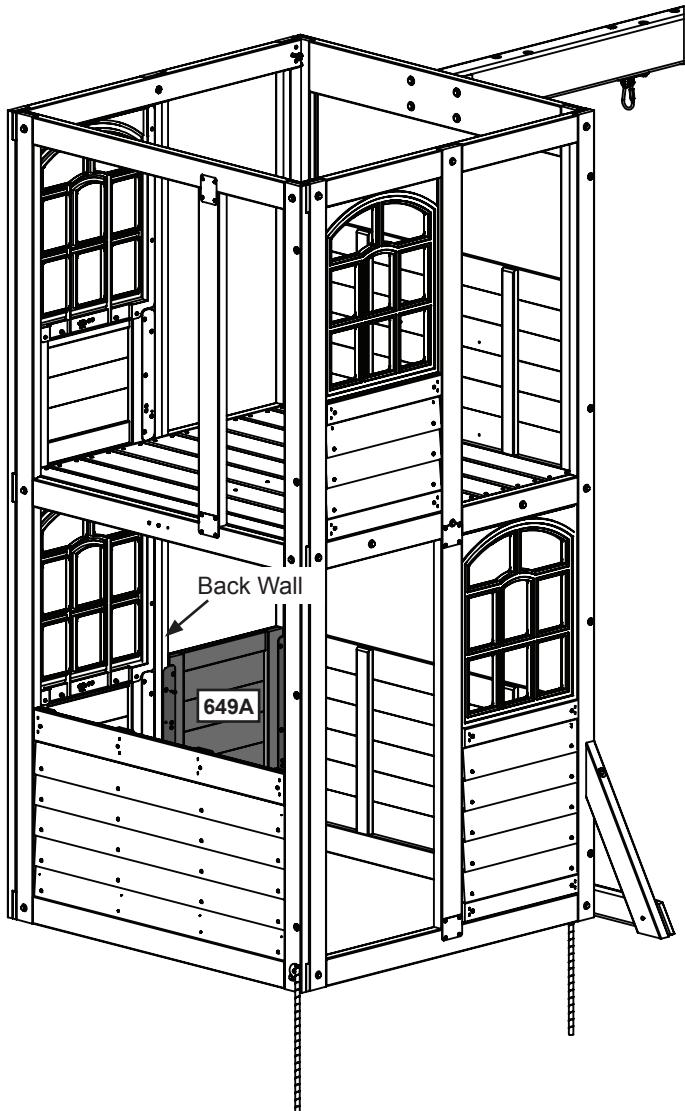


Fig. 13.4



Wood Parts

1 x 649A Short Half Wall

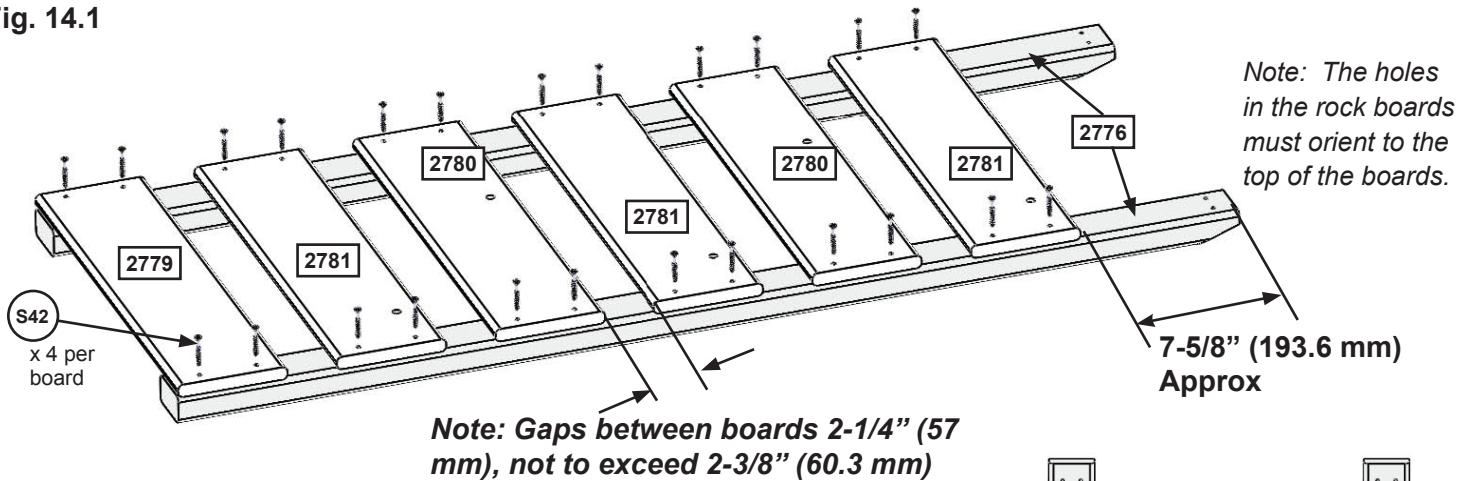
Hardware

4 x S0 Truss Screw

Step 14: Rock Wall Assembly



Fig. 14.1



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

A: Lay 2 (2776) Rock Rails down, side by side with angled edges facing down. (fig. 14.1)

B: Place (2779) Access Board on the bottom of each (2776) Rock Rail as shown in fig. 14.1. Make sure (2779) Access Board is flush to the outside and bottom edges of each (2776). Attach using 4 (S42) Pan Screws.

C: 7-5/8" (193.6 mm) down from the top of both (2776) Rock Rails place 1 (2781) Rk Board B, making sure the sides are flush to the outside edges of each (2776) Rock Rail. Attach using 4 (S42) Pan Screws. (fig. 14.1)

D: In between the (2779) Access Board and (2781) Rk Board B stagger 2 (2781) Rk Board Bs and 2 (2780) Rk Board As using 4 (S42) Pan Screws per board. Placing them as shown in fig. 14.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" (60.3 mm) between boards.

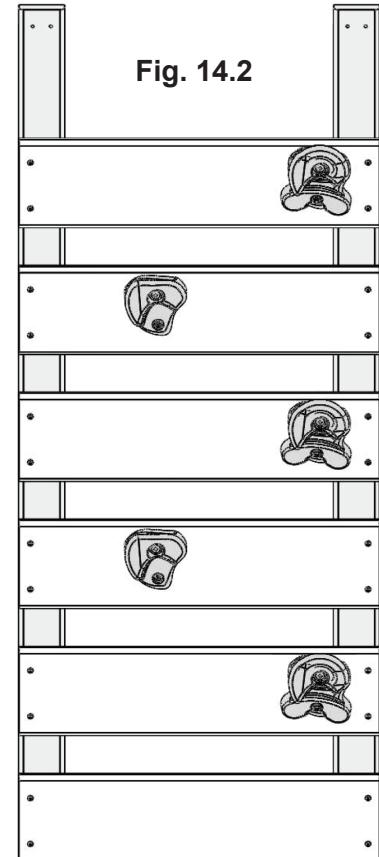


Fig. 14.2

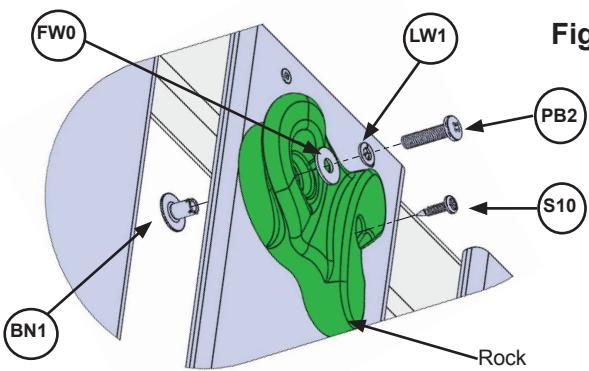


Fig. 14.3

E: Place 1 rock on each (2780) Rk Board A and (2781) Rk Board B (fig. 14.2) and attach using 1 (PB2) Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 14.3)

Wood Parts

1 x	[2779]	Access Board
3 x	[2781]	Rk Board B
2 x	[2780]	Rk Board A
2 x	[2776]	Rock Rail

Hardware

24 x	[S42]	Pan Screw
5 x	[S10]	Pan Screw
5 x	[PB2]	Pan Bolt (lock washer, flat washer, barrel nut)

Other Parts

5 x Rocks (3 green/2 yellow)

Step 15: Attach Rock Wall Assembly to Fort

Part 1



A: Place Rock Wall Assembly centred in opening of the Back Wall as shown in the Fort Guide and flush as shown below. Attach (2776) Rock Rails to the Back Wall using 4 (S11) Wood Screws. (fig. 15.1 and 15.2)

B: Attach 1 (2779) Access Board to top of Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S42) Pan Screws. (fig. 15.3).

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

Note: Make sure (2776) Rock Rails do not cover the bolt head, move assembly over so it is tight to the bolt head. (fig. 15.1 and 15.2)

Fig. 15.1

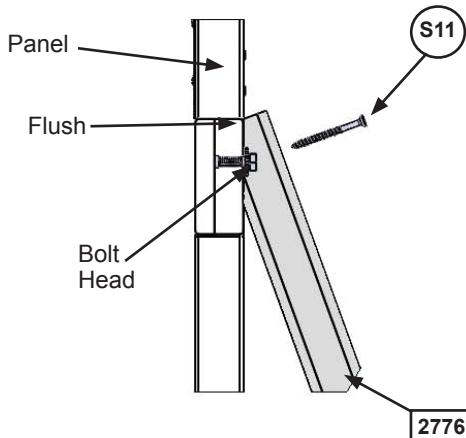


Fig. 15.4

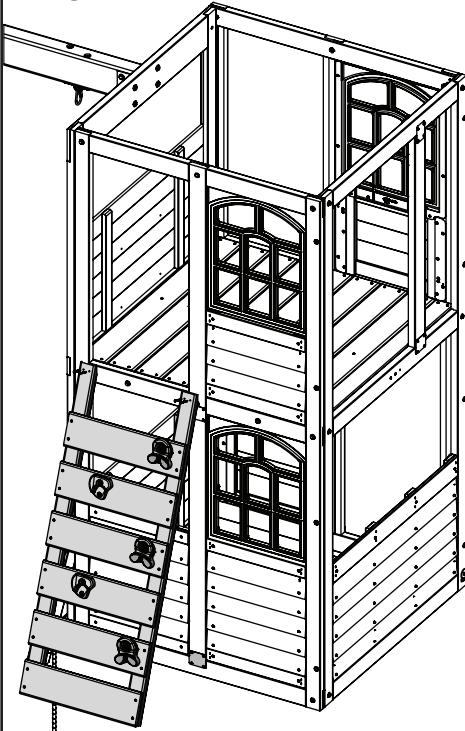


Fig. 15.2

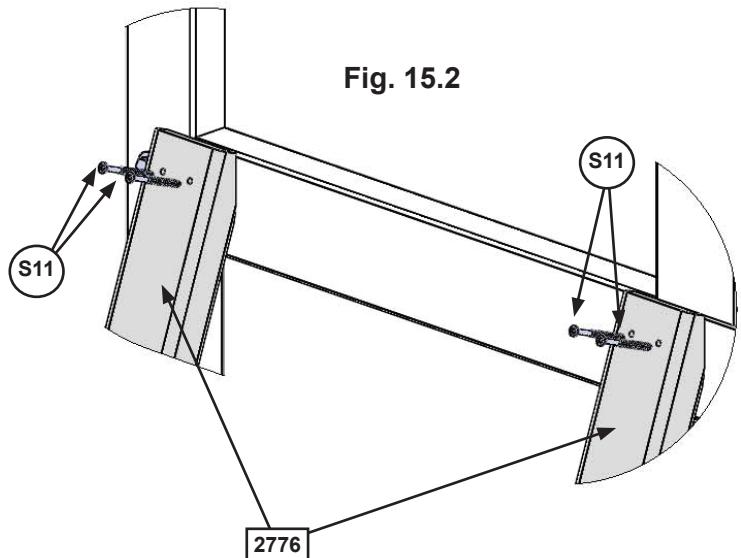
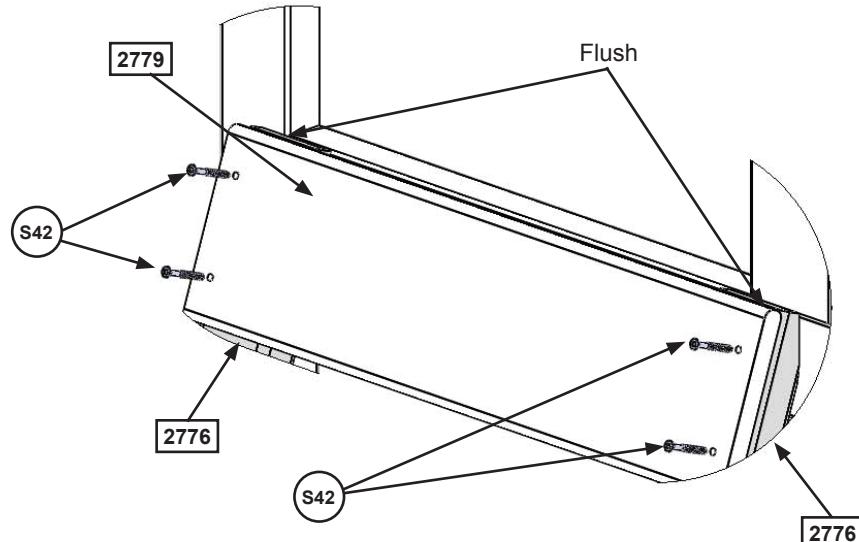


Fig. 15.3



Wood Parts

1 x **2779** Access Board

Hardware

4 x **S42** Pan Screw

4 x **S11** Wood Screw

Step 15: Attach Rock Wall Assembly to Fort

Part 2



C: Drive 1 Rebar Ground Stake 13" (330 mm) into the ground against outside (2776) Rock Rail then attach with 1 (S7) Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 15.4 and 15.5)

D: After driving stake 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" (330 mm) into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 15.4

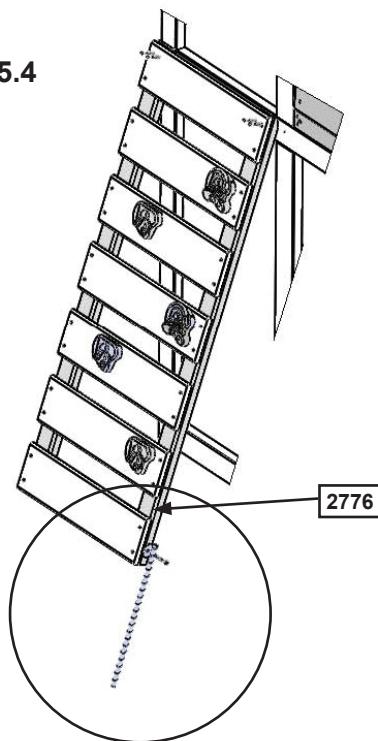
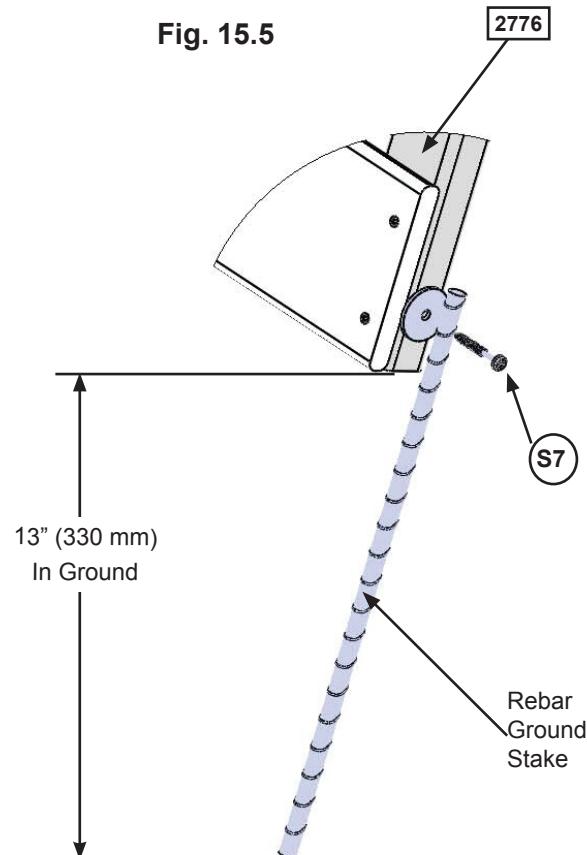


Fig. 15.5



<u>Hardware</u>	<u>Other Parts</u>
1 x S7 Pan Screw	1 x Rebar Ground Stake

Step 16: Attach Door Components

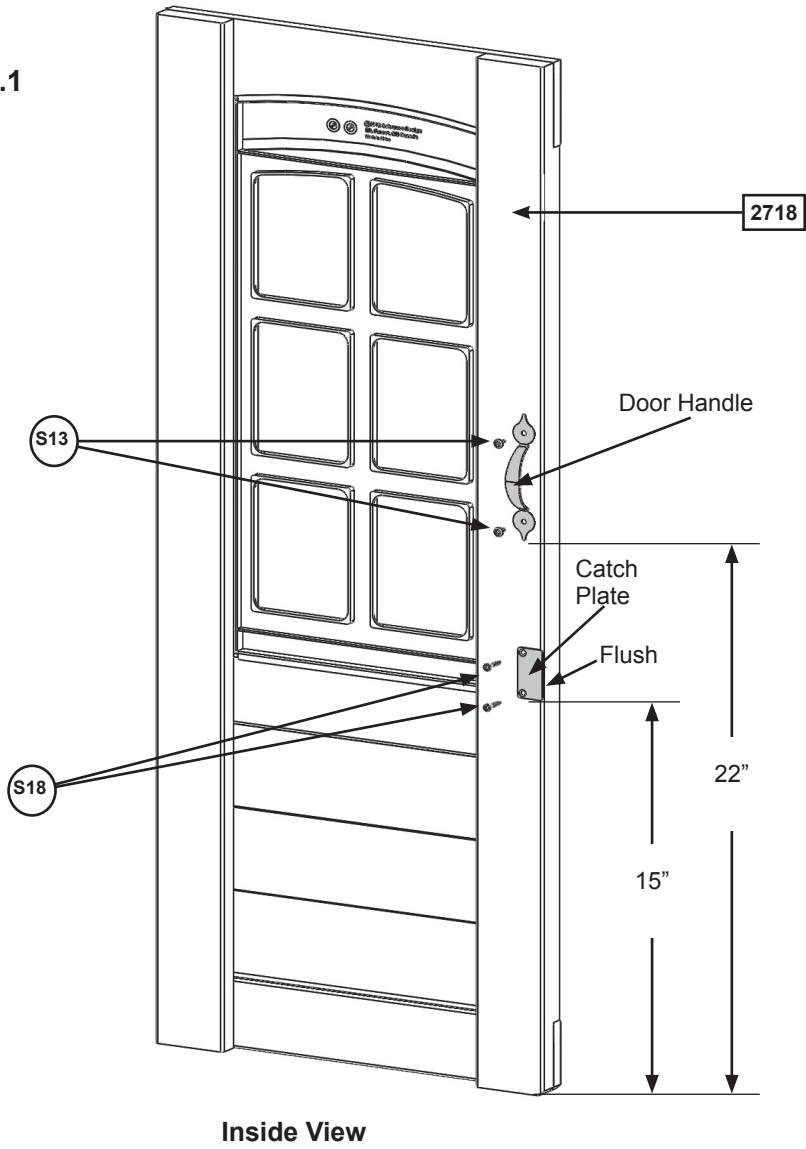
Part 1



A: On the inside of (2718) Door Window Panel measure 15" up from the bottom and attach Catch Plate flush to the edge using 2 (S18) Wood Screws. (fig. 16.1)

B: On the inside of (2718) Door Window Panel measure 22" up from the bottom and attach 1 Door Handle using 2 (S13) Pan Screws. (fig. 16.1)

Fig. 16.1



Inside View

Wood Parts

1 x **2718** Door Window Panel

Hardware

2 x **S18** Wood Screw

2 x **S13** Pan Screw

Other Parts

1 x Door Handle

1 x Catch Plate

Step 16: Attach Door Components

Part 2



C: On the outside of the (2718) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) Pan Screws. (fig. 16.2)

D: On the opposite side of the Door Handle measure 5/8" (15.9 mm) from the top and bottom of (2718) Door Window Panel attach 2 Door Hinges on the outside using 3 (S13) Pan Screws per Hinge. (fig. 16.2 and 16.4)

Note: Hinge stops must be tight to (2718) Door Window Panel. (fig. 16.3)

Fig. 16.2

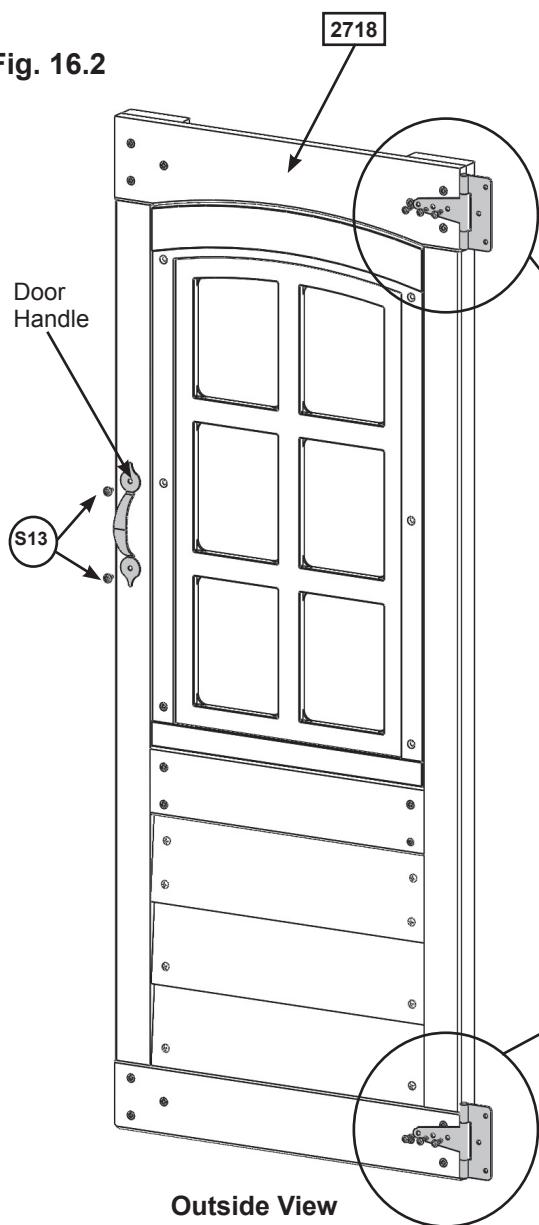


Fig. 16.3

Top View

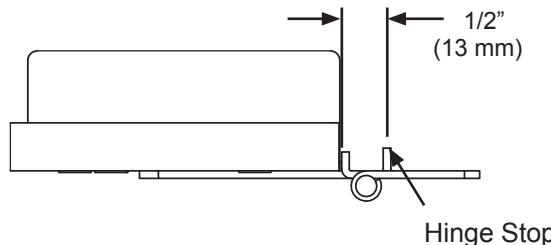
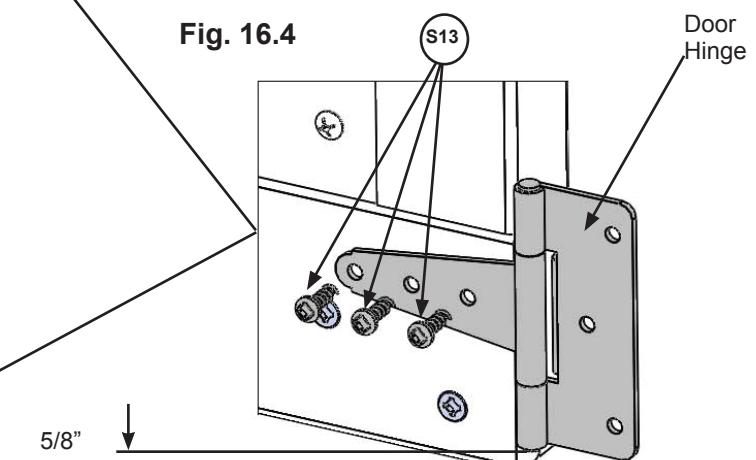


Fig. 16.4



Hardware
8 x Pan Screw

Other Parts
1 x Door Handle
2 x Door Hinge

Step 17: Attach Door Assembly to Fort



A: In the opening for the door on the Front Wall as shown in the Fort Guide, measure 5/8" up from (2769) Panel BT Frame and maximum 5/8" from (2601) Lower Jamb and attach the remaining side of the hinges to (2601) Lower Jamb using 3 (S13) Pan Screws per hinge. (fig. 17.1, 17.2 and 17.3)

Fig. 17.1

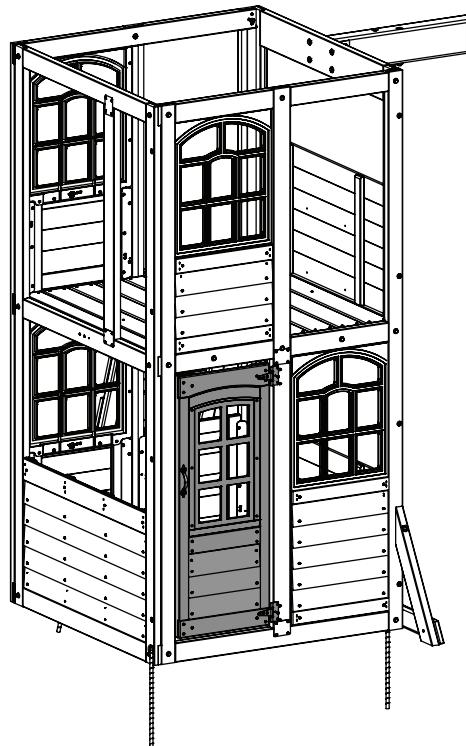


Fig. 17.2
Outside View

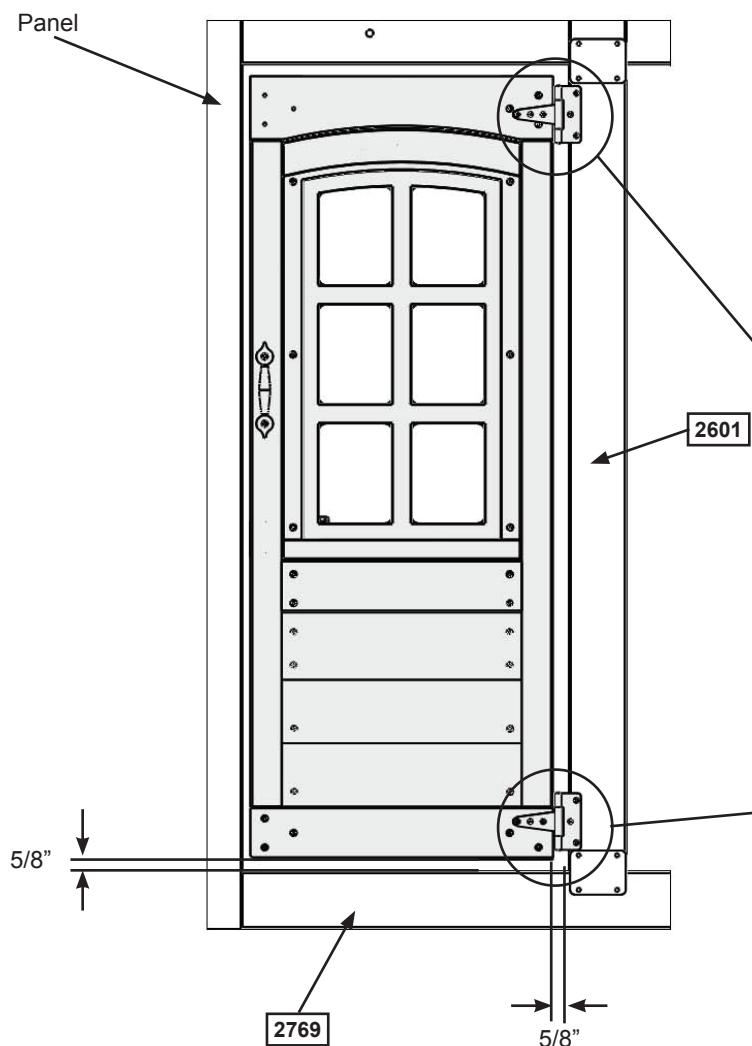
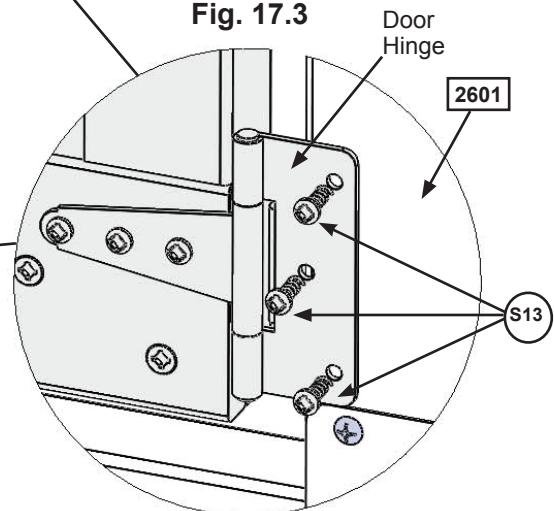


Fig. 17.3



Hardware

6 x Pan Screw

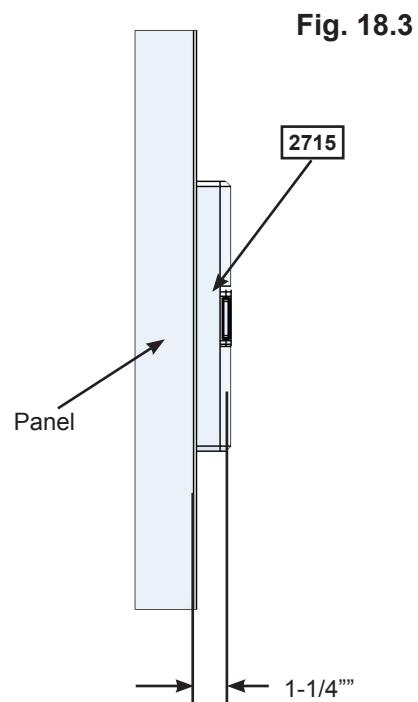
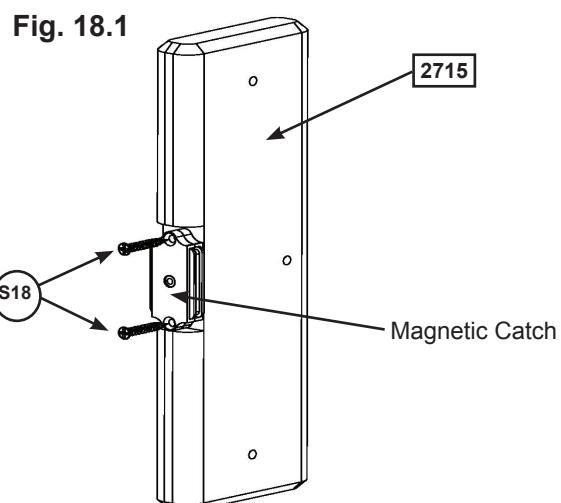
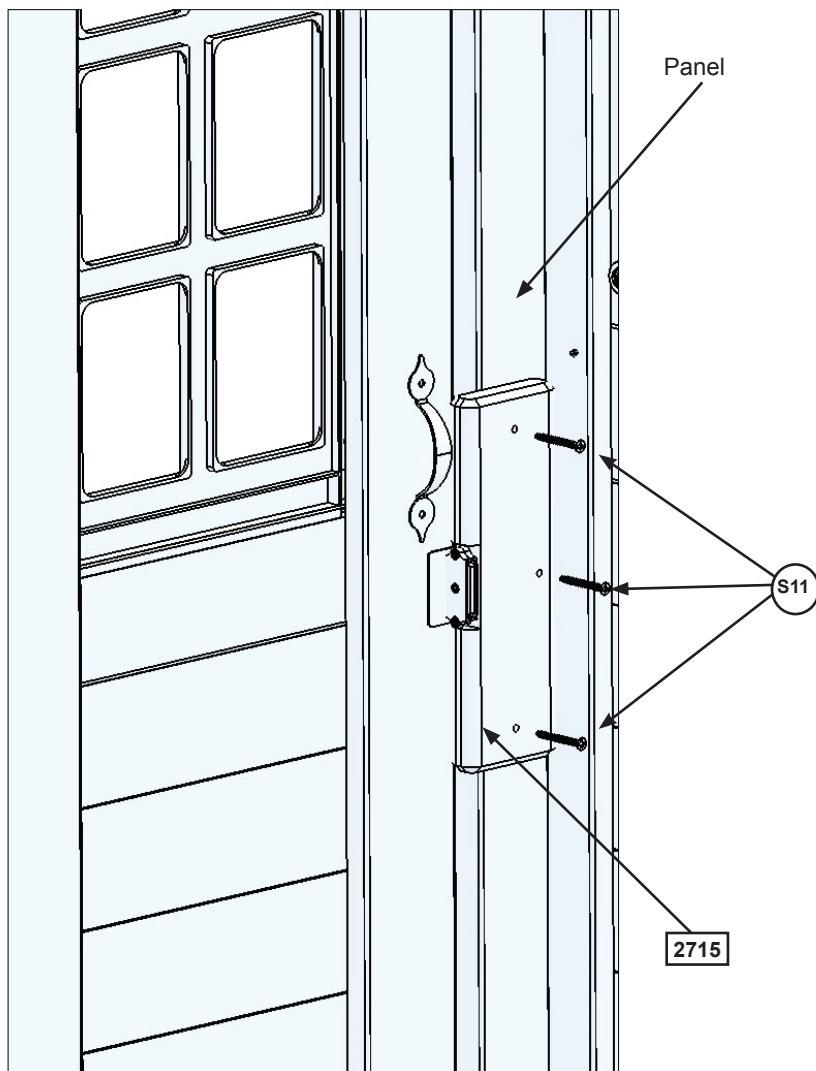
Step 18: Attach Door Stop



A: In the notched out opening of (2715) Door Stop attach the Magnetic Catch using 2 (S18) Wood Screws. (fig. 18.1) **Important: Use a hand held screw driver and DO NOT over tighten.**

B: On the inside of the assembly, attach (2715) Door Stop to the panel with 3 (S11) Wood Screws, making sure (2715) Door Stop overhangs the panel by 1-1/4" and is in position to receive the Catch Plate. (fig. 18.2 and 18.3).

Fig. 18.2
Inside View



Wood Parts
1 x 2715 Door Stop

Hardware
2 x S18 Wood Screw
3 x S11 Wood Screw

Other Parts
1 x Magnetic Catch

Step 19: Attach Slide to Fort



A: Place Slide in the centre of the opening at the front of the fort as shown in the Fort Guide, pre-drill with a 1/8" (3.2 mm) drill bit then attach slide to fort through the (2772) Panel Floor Support using 3 (S7) Pan Screws. (fig. 19.1, 19.2 and 19.3)

Fig. 19.1

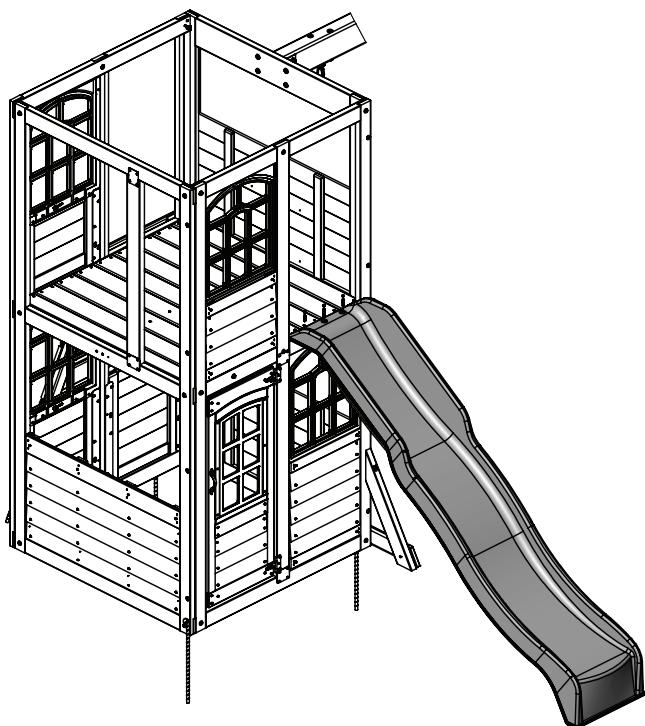


Fig. 19.3

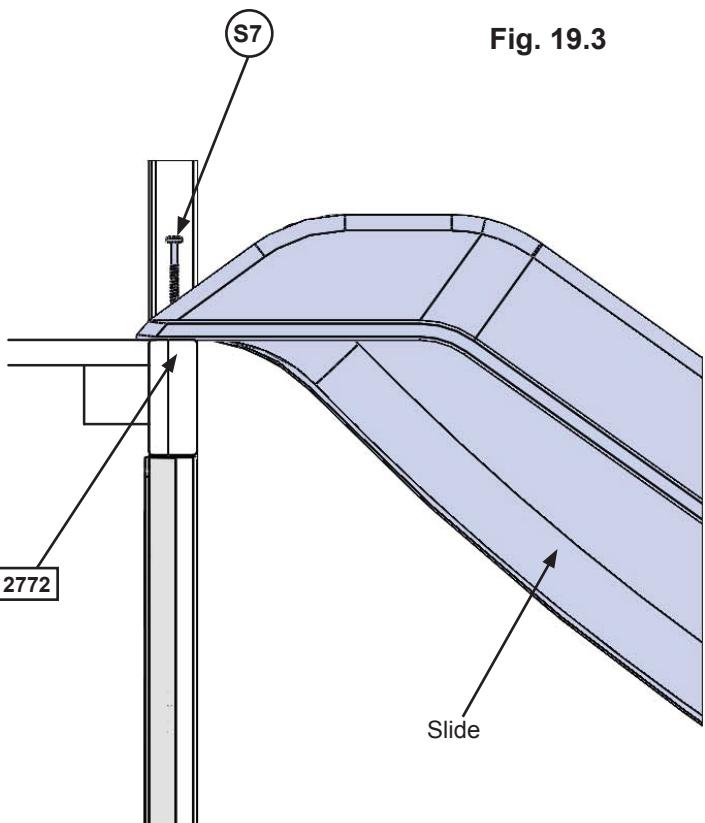
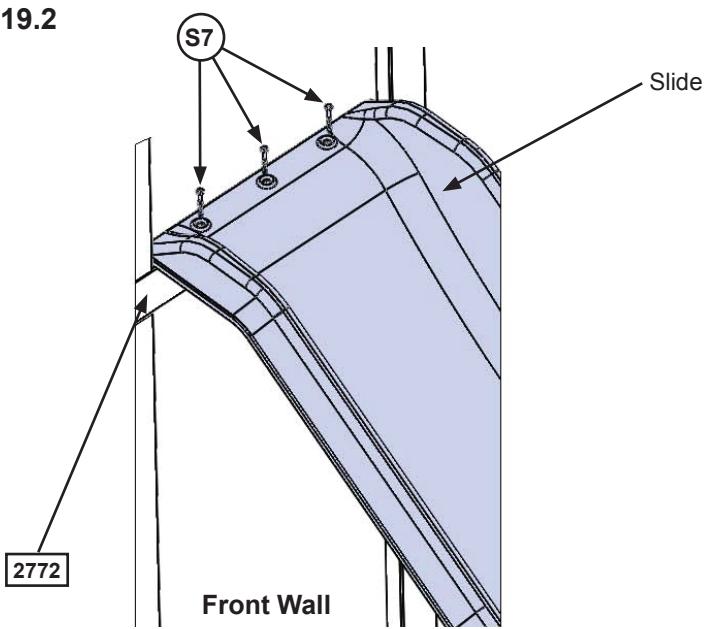


Fig. 19.2



Hardware

3 x Pan Screw

Other Parts

1 x Slide

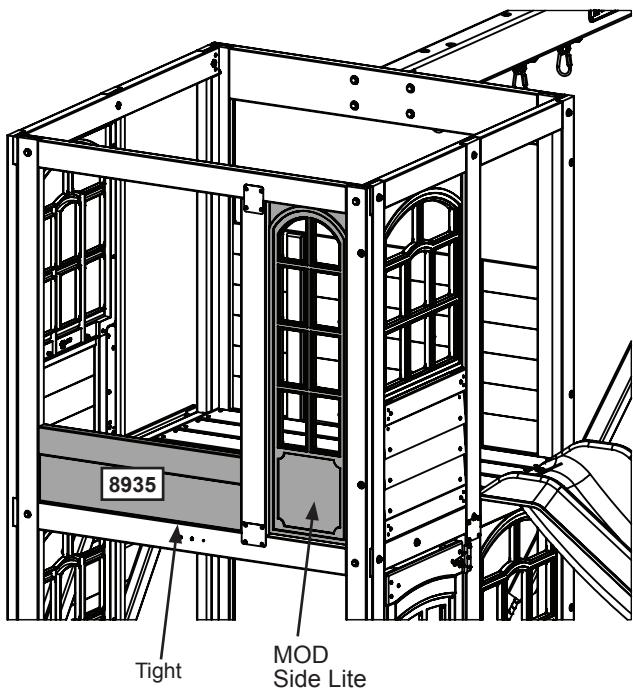
Step 20: Attach Slide Wall Inserts



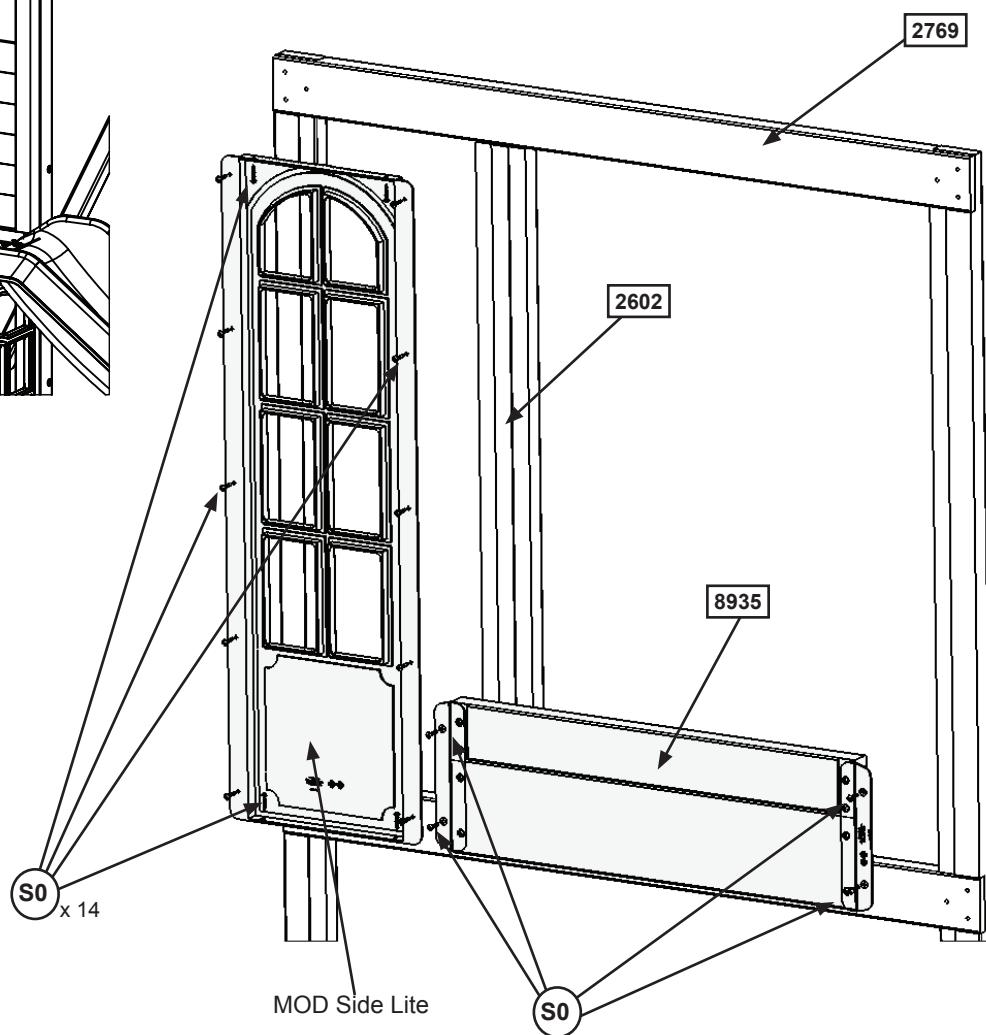
A: In the narrow opening of the End Wall (Upper Jamb should already be installed), place the MOD Side Lite from inside the assembly then attach to the wall and (2602) Upper Jamb with 14 (S0) Truss Screws. (fig. 20.1 and 20.2)

B: In the wider opening of the End Wall tight to (2768) Panel Floor place (8935) Lower SL Insert from inside the assembly then attach to the wall and (2602) Upper Jamb with 4 (S0) Truss Screws. (fig. 20.1 and 20.2)

Fig. 20.1



**Fig. 20.2
Inside View**



Wood Parts

1 x **8935** Lower SL Insert

Hardware

18 x **S0** Truss Screw

Other Parts

1 x MOD Side Lite

Step 21: 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. 21.3)

A: Fit 2 TNR2 Slide Elbows together and attach with 8 (PB1) Pan Bolts (with lock nut) as shown in fig. 21.1. It is very important to attach bolts as indicated.

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

C: Attach TNR3 Extend Flange RT and TNR3 Extend Flange LT together using 9 (PB1) Pan Bolts (with lock nut) as shown in fig. 21.2. This creates the Flange Assembly.

Fig. 21.1

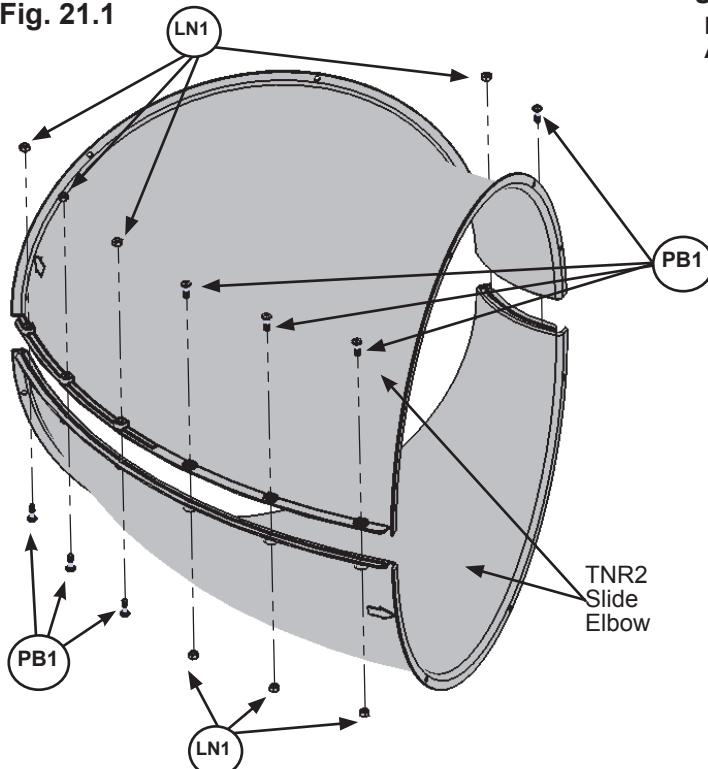
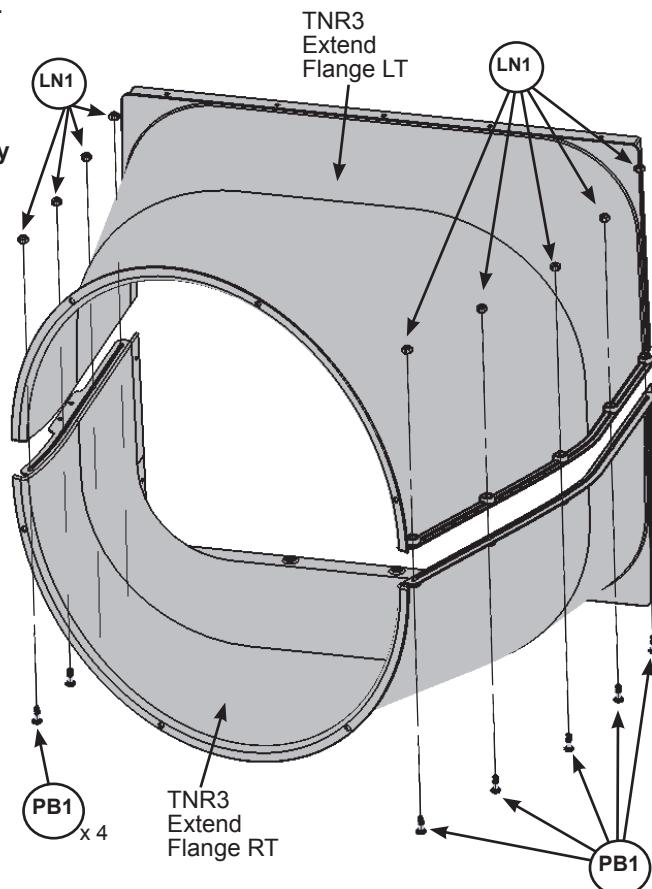
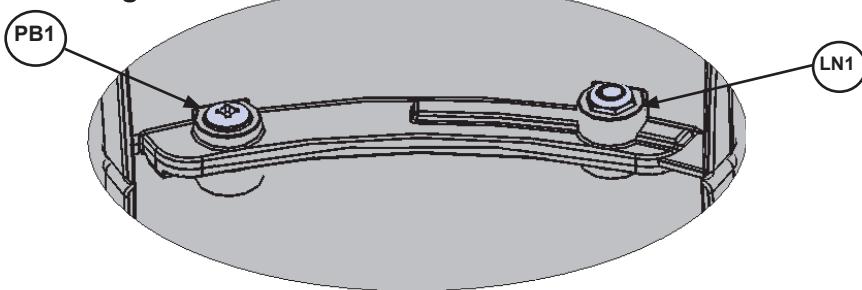


Fig. 21.2
Flange Assembly



Use a 7/16" open end wrench for nuts

Fig. 21.3



Hardware

41 x Pan Bolt (LN1)

Other Parts

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

Step 21: 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. 21.3)

D: Attach TNR2 Slide Exit Top and the remaining TNR2 Slide Elbow together using 8 (PB1) Pan Bolts (with lock nut) as shown in fig. 21.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 21.4

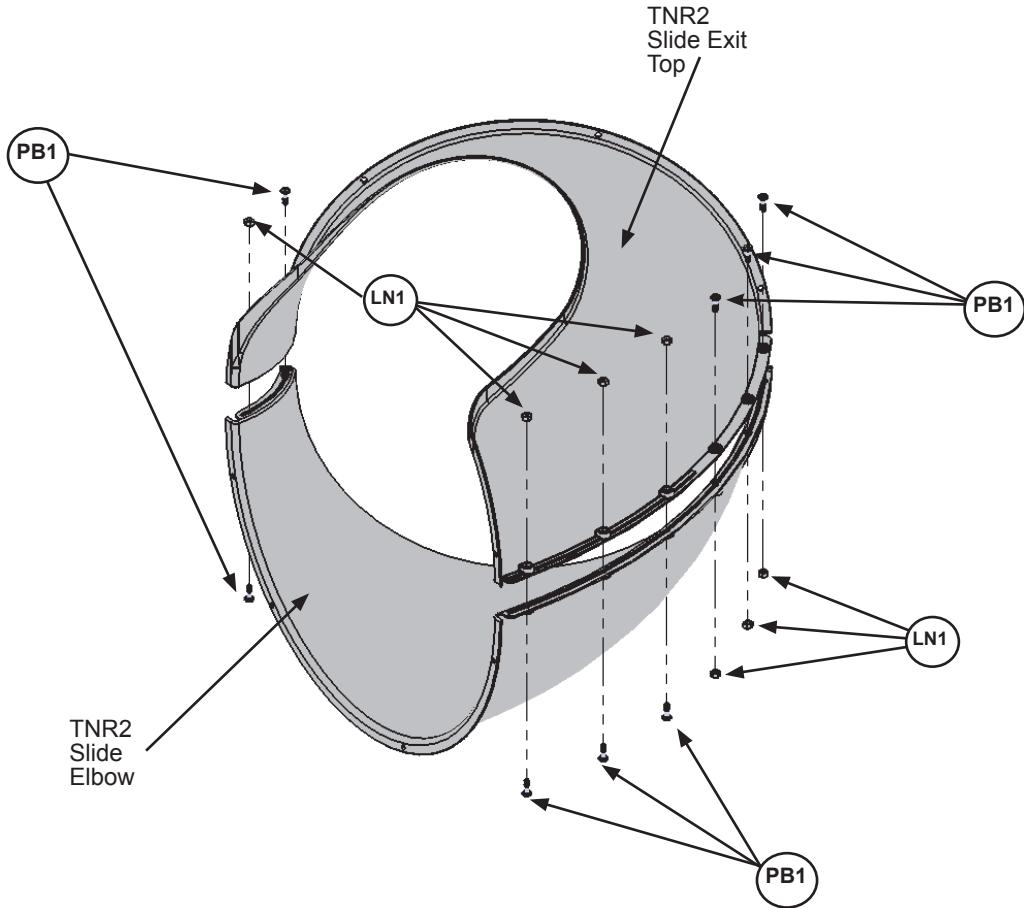
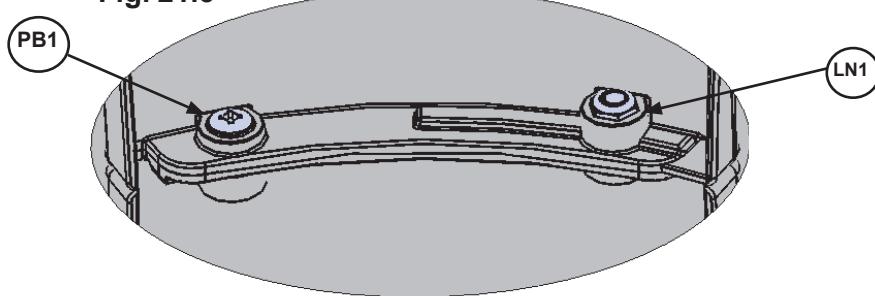


Fig. 21.3



Hardware

8 x Pan Bolt (LN1)

Other Parts

1 x TNR2 Slide Exit Top
1 x TNR2 Slide Elbow

Step 22: Attach Flange Assembly to Fort

Part 1



A: With a helper place the Flange Assembly flush to the top opening in End Wall as shown in fig. 22.1 and the Fort Guide, then pre-drill 1/8" pilot holes in (8935) Lower SL Insert for the 4 bottom mounting locations (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep. (fig. 22.2)

B: Attach Flange Assembly to (8935) Lower SL Insert using 4 (S7) Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 22.2) Make sure the flat surfaces of the Flange Assembly are flush to the End Wall and (2602) Upper Jamb as shown in fig. 22.3.

C: Attach the Flange Assembly flush to bottom of (2769) Panel BT Frame using 4 (S6) Pan Screws (with #12 Screw Bezel) and to (2602) Upper Jamb and side of End Wall using 5 (S6) Pan Screws per side. (fig. 22.2)

Fig. 22.2
Inside View

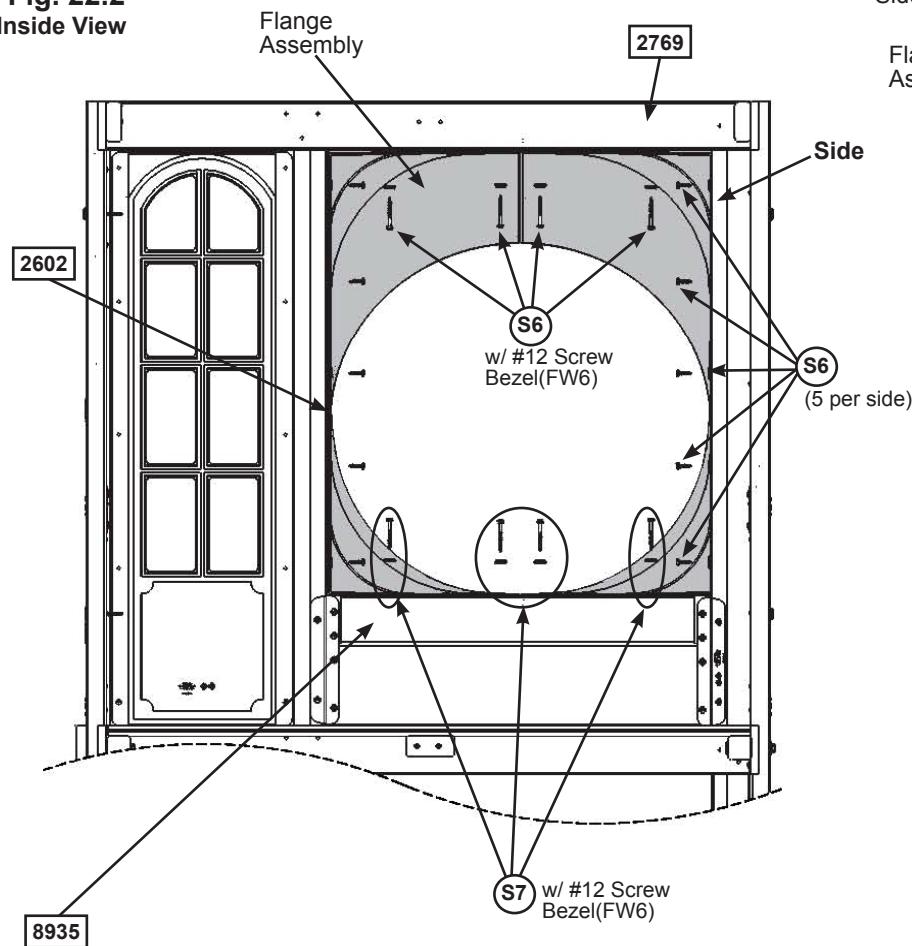


Fig. 22.1
Outside View

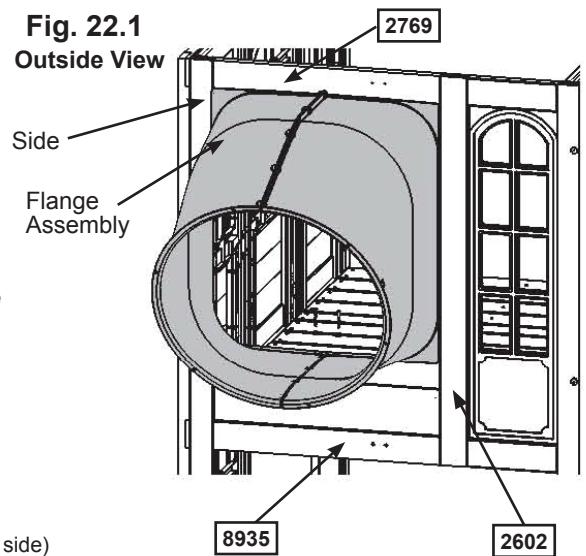
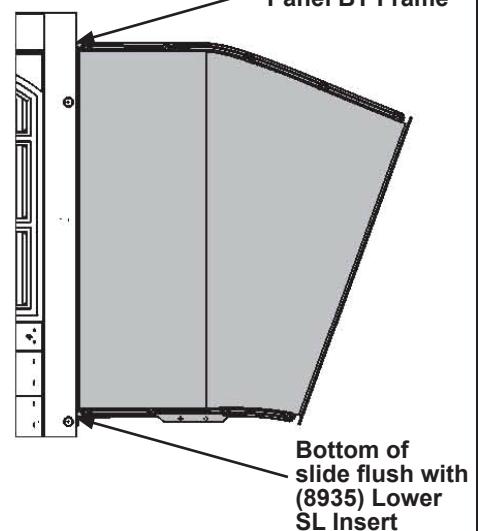


Fig. 22.3
Bottom of (2769) Panel BT Frame



Hardware

14 x Pan Screw

4 x Pan Screw

8 x #12 Screw Bezel (FW6)

Step 22: Attach Flange Assembly to Fort

Part 2



D: Place (8934) SL Gusset tight to (2768) Panel Floor, flush to the top of the bottom opening and attach to Flange Assembly with 2 (S6) Pan Screws. (fig. 22.4 and 22.5)

E: Pre-drill pilot hole with a 1/8" (3.2 mm) drill bit then attach (8934) SL Gusset to (2768) Panel Floor with 1 (WL5) Wafer Lag (with flat washer). (fig. 22.4 and 22.5)

Fig. 22.4

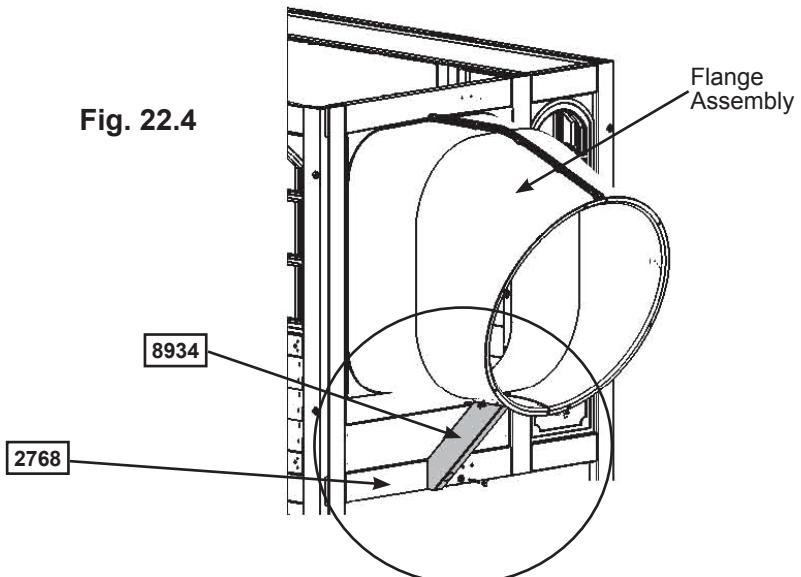
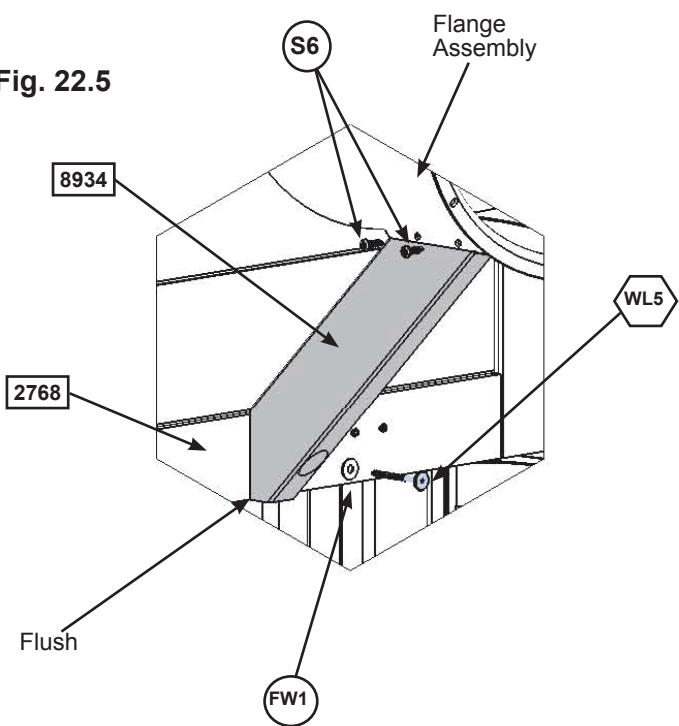


Fig. 22.5



Wood Parts

1 x SL Gusset

Hardware

2 x Pan Screw

1 x Wafer Lag (FW1)

Step 23: Attach Elbow Assembly to Flange Assembly



Note: 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. Attach Elbow Assembly to Flange Assembly using 6 1/4 x 12.7mm" Pan Bolts and Square Lock Nut. (Fig. 23.2 & 23.3).

B: Attach one of the Elbow assemblies to another Elbow Assembly making sure to line up the arrows on each assembly. Attach using 6 1/4 x 12.7mm Pan Bolts with Square Lock Nut. Repeat this instruction to make 2 more. (Fig. 23.2 & 23.3)

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

Quadrex Driver

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

Fig. 23.2

Top Slide Bolt Holes

Fig. 23.1

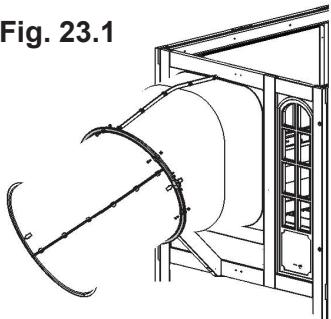
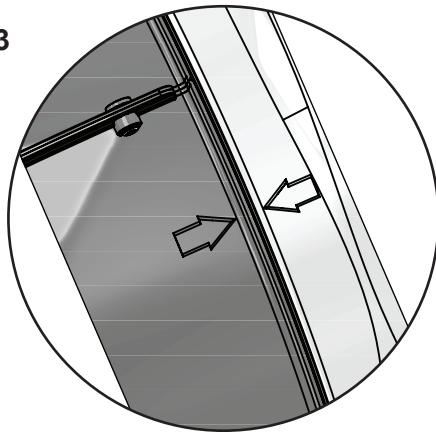
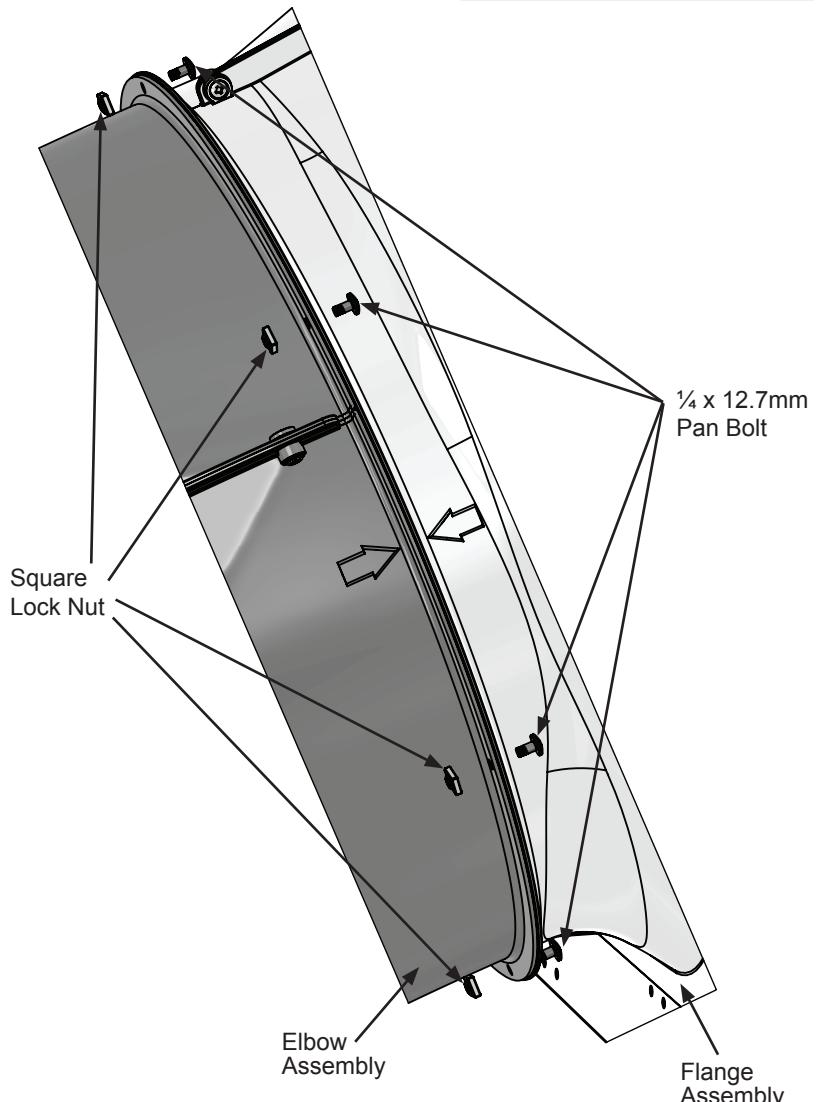


Fig. 23.3



Align each elbow using the molded arrows.



Other Parts

1 x Quadrex Driver
24 x 1/4 x 12.7mm Pan Bolt
24 x 1/4" Square Lock Nut

Step 24: Attach TNR3 Slide Exit to Exit Elbow Assembly



A: Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR3 Short Exit. (fig. 24.1)

B: Rotate Slide Exit and use Quadrex Driver as a guide pin so the holes are aligned and attach with 5 (PB1) Pan Bolts (with lock nuts) starting with the bottom middle hole and working up each side. (fig. 24.2 and 24.3)

C: At this point make sure all the slide bolts are tight. ***Use a 7/16" (11.1 mm) open end wrench to hold nut and then tighten bolt with Quadrex Driver on Clamp Rings.***

Fig. 24.1

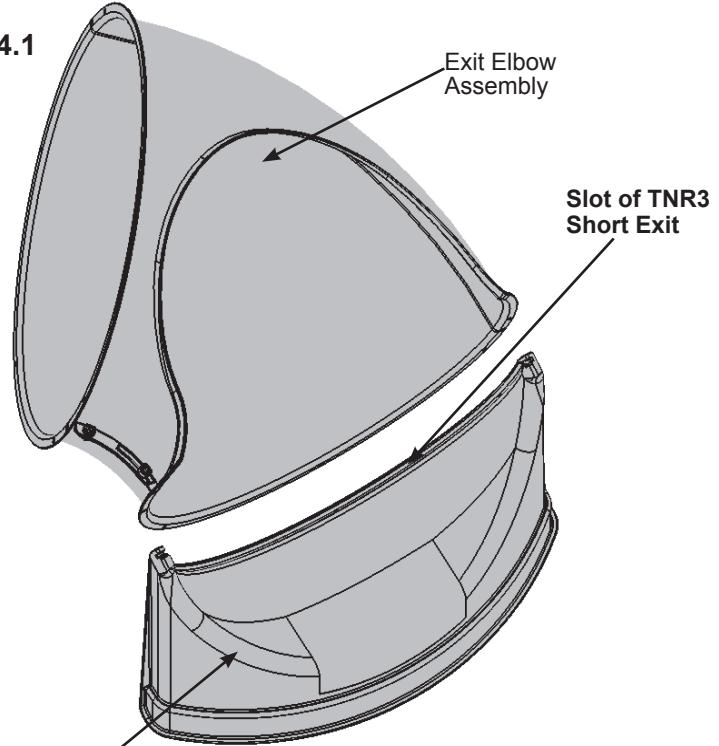


Fig. 24.3

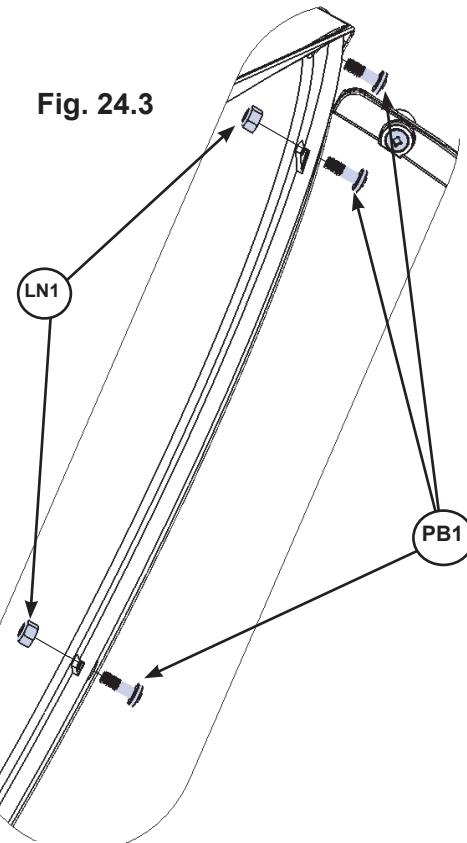
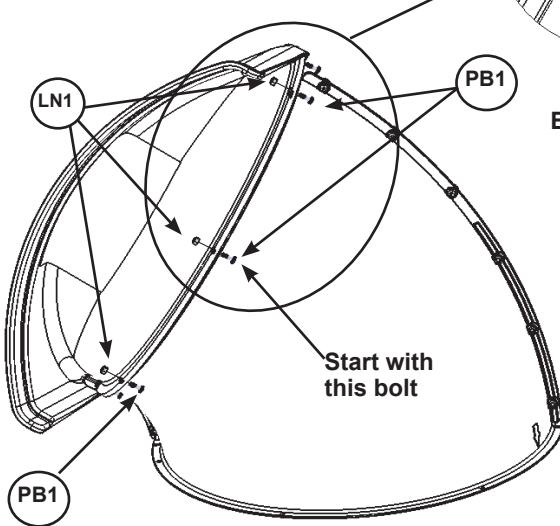


Fig. 24.2



Hardware

5 x Pan Bolt (LN1)

Other Parts

1 x TNR3 Short Exit

Step 25: Attach Exit End Assembly to Fort

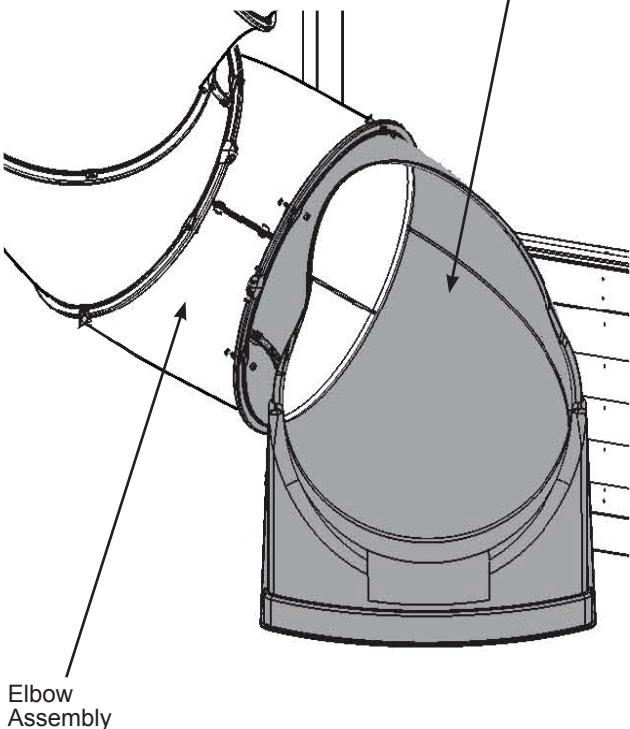


A: Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 25.1). Attach with 6 (1/4 x 12.7 mm) Pan Bolts and Square Lock Nuts. (fig. 25.2)

Fig. 25.1

Top Slide Bolt Holes

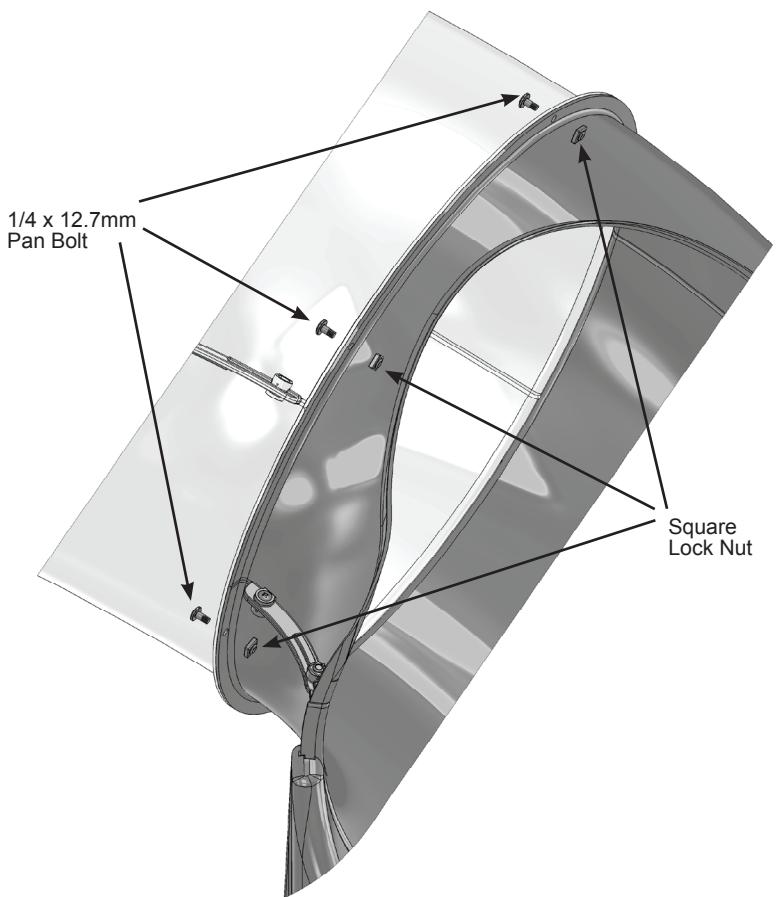
Exit Elbow Assembly



Elbow Assembly

Make sure arrows are aligned

Fig. 25.2



Other Parts

6 x 1/4" x 12.7mm Pan Bolt
6 x 1/4" Square Lock Nut

Step 26: Attach TNR 4 Clamp Rings



A: Place 2 TNR4 Clamp Rings around each joint making sure to match the arrows with the end of the Clamp Ring as shown in (fig. 26.1 & 26.2).

B: Connect TNR4 Clamp Rings in 2 spots using 1 (PB6) $\frac{1}{4}$ x 1" Pan Bolt (with lock nut) per side. (fig.26.3)

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. 26.1

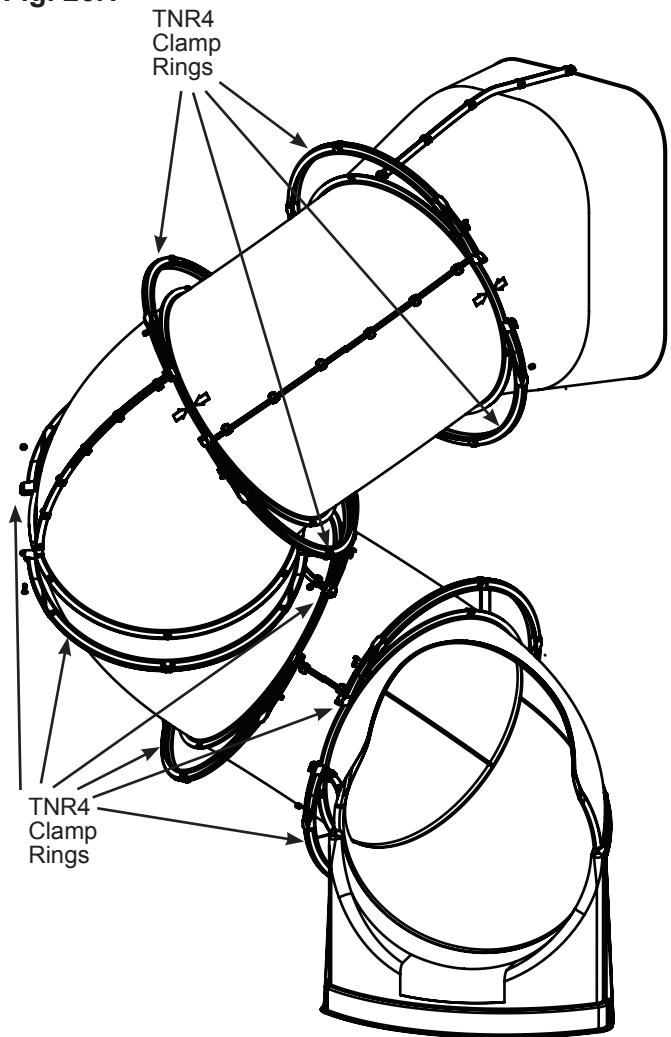
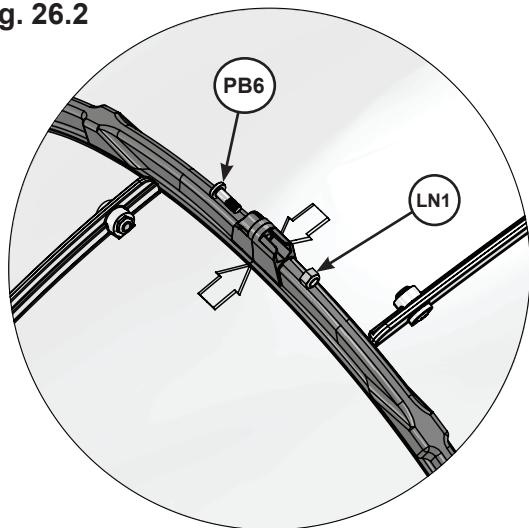
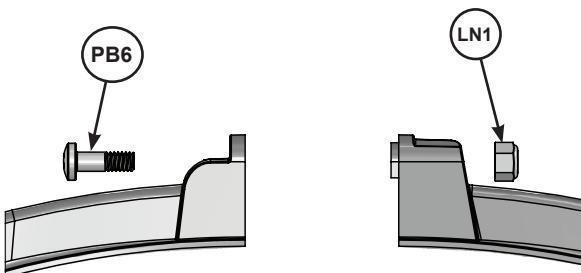


Fig. 26.2



Make sure arrows
are aligned

Fig. 26.3



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

Hardware

10 x 1/4 x 1" Pan Bolt (LN1)

Other Parts

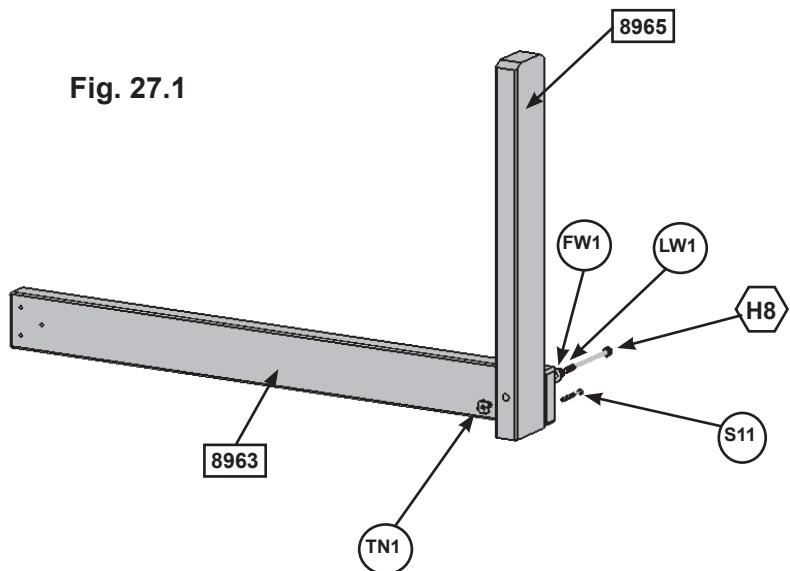
10 x TNR4 Clamp Ring

Step 27: TNR Brace Assembly



A: Attach (8965) TNR Upright to (8963) TNR Ground Brace with 1 (H8) Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S11) Wood Screw. (fig. 27.1)

Fig. 27.1



Wood Parts

- 1 x 8963 TNR Ground Brace
- 1 x 8965 TNR Upright

Hardware

- 1 x S11 Wood Screw
- 1 x H8 Hex Bolt (LW1, FW1, TN1)

Step 28: Attach TNR 4 Slide to Adventure Tower



A: Place TNR Brace Assembly against (2771) End Post Left so it sits under the slide. It is not attached yet. (fig. 28.1)

B: On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 23). (fig. 28.1) **The bolt will no longer be needed, but keep the lock nut.**

C: Loosely attach TNR3 Tube Support (at the slightly bent end) to the Clamp Ring using 1 (PB6) Pan Bolt (with flat washer and the previously removed lock nut). (fig. 28.2)

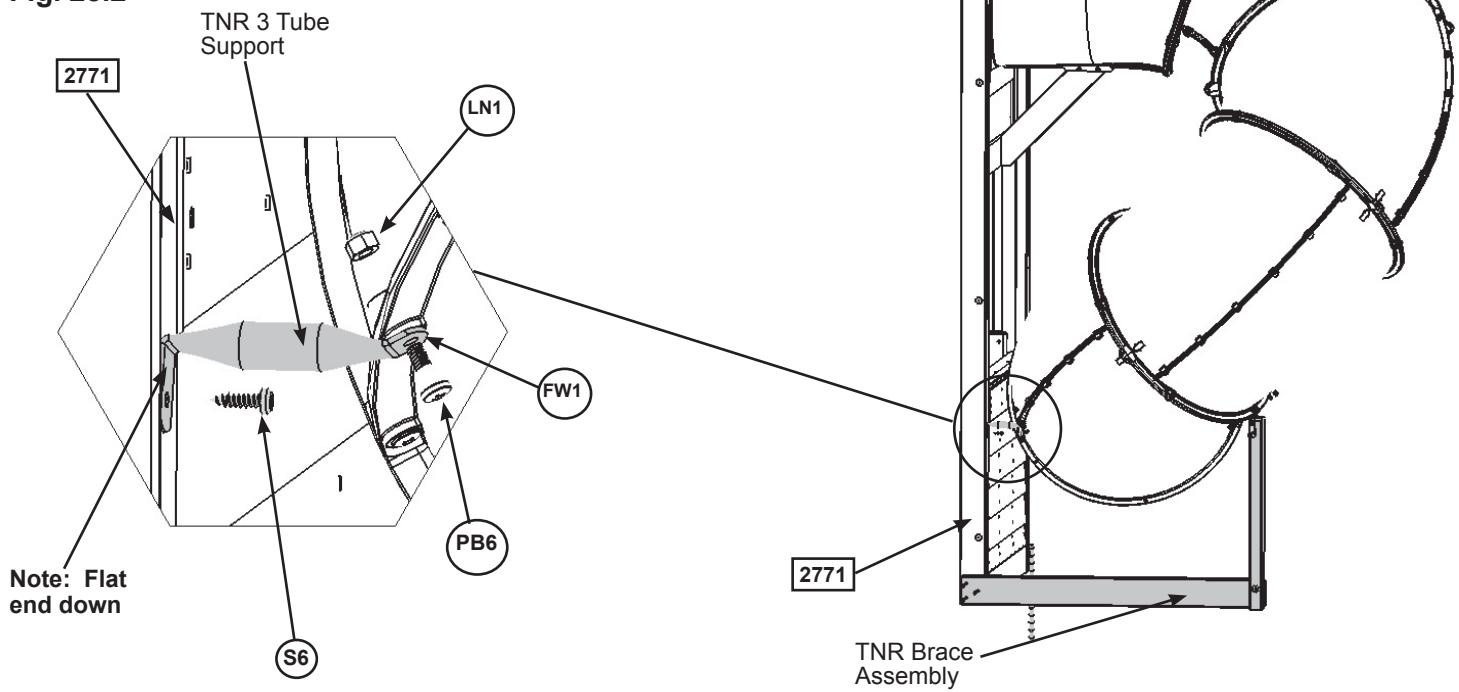
D: Rotate TNR3 Tube Support and attach to (2771) End Post Left using 1 (S6) Pan Screw as shown in fig. 28.2.

E: Fully tighten screw and bolt.

Fig. 28.1

Remove PB1 (Pan Bolt)
first then install PB6 Pan
Bolt with flat washer)

Fig. 28.2



Hardware

1 x Pan Screw

1 x Pan Bolt (FW1 & LN1 - previously removed)

Other Parts

1 x TNR3 Tube Support

Step 29: Attach TNR Brace Assembly and TNR4 Slide



A: Remove (H9) Hex Bolt from bottom of (2771) End Post then attach (8963) TNR Ground Brace flush to the bottom of (2618) Front Back Panel with 2 (S11) Wood Screws and 1 (S4) Wood Screw. (fig. 29.1 and 29.3)

B: Place 1 TNR4 Post Mount Clamp on either side of the Clamp Ring so that the bent tops clip in behind the Clamp Ring.

C: Insert the TNR4 Post Mount Base in between the 2 TNR4 Post Mount Clamps and bolt all pieces together using one $\frac{1}{4}$ x 14.5mm Pan Head Bolt and Square Lock Nut. (fig. 29.2)

D: Attach TNR4 Post Mount Base to (8965) TNR Upright, pre-drill with a $\frac{1}{8}$ " (3.2mm) drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 29.2)

E: Attach the Post Mount Clamp to the clamp ring using 1 (S37) #7 x 5/8" Pan Screw. (fig. 29.2)

Fig. 29.1

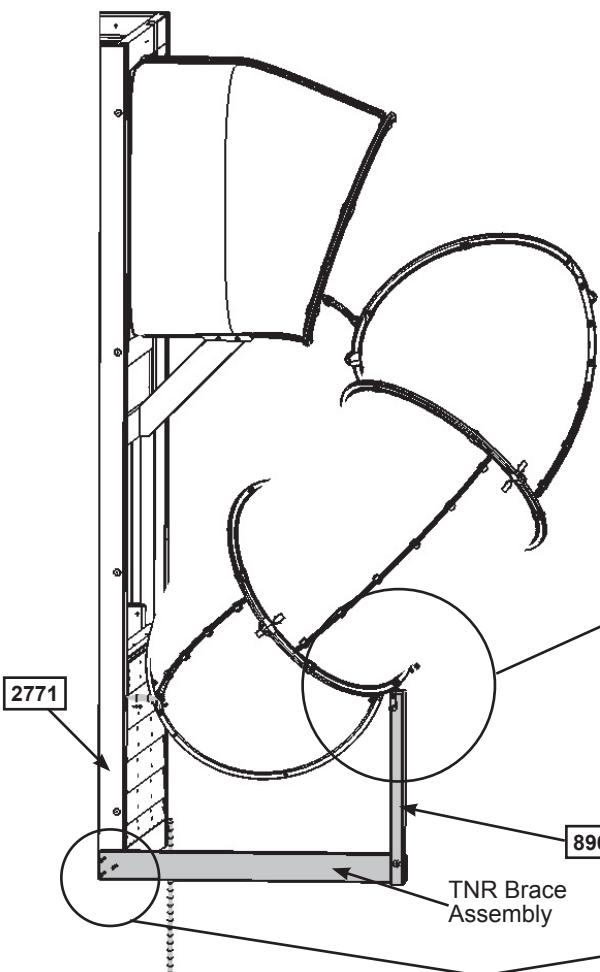


Fig. 29.2

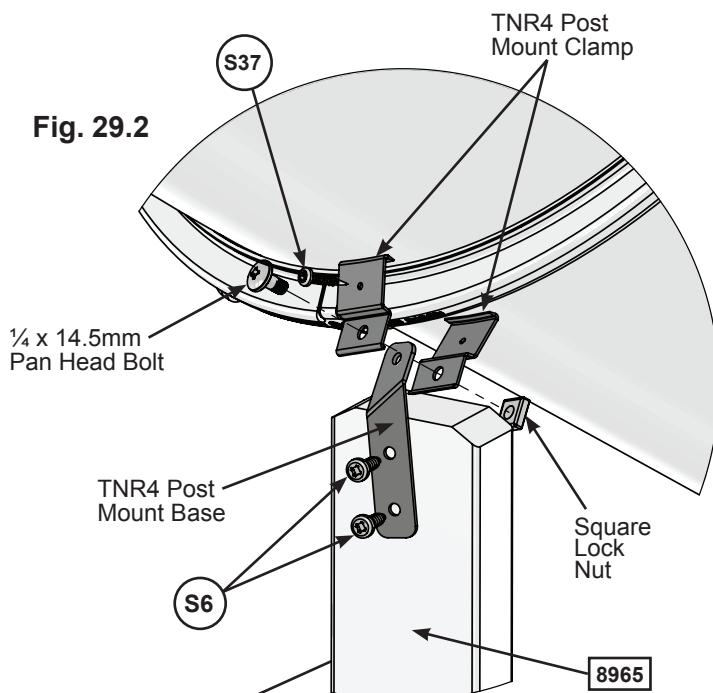
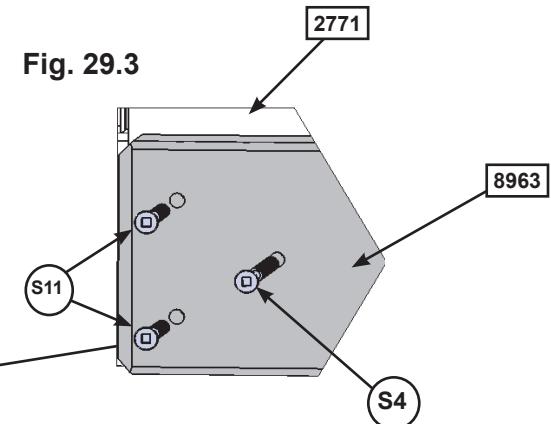


Fig. 29.3



Hardware

2 x	(S6)	#12 x 1" Pan Screw
1 x	(S4)	#8 x 3" Wood Screw
2 x	(S11)	#8 x 2" Wood Screw
1 x	(S37)	#7 x 5/8" Pan Screw

Other Parts

2 x	TNR4 Post Mount Clamp
1 x	TNR4 Post Mount Base
1 x	1/4 x 14.5 mm Pan Head Bolt
1 x	Square Lock Nut

Step 30: Attach Ground Stake to TNR Upright



A: In the spot shown in fig. 30.1 drive 1 Rebar Ground Stake 13" (330 mm) into the ground against the (8965) TNR Upright. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off.

B: Attach the ground stake to (8965) TNR Upright just below the (TN1) T-nut using 1 (S7) Pan Screw as shown in fig. 30.2.

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. 30.1

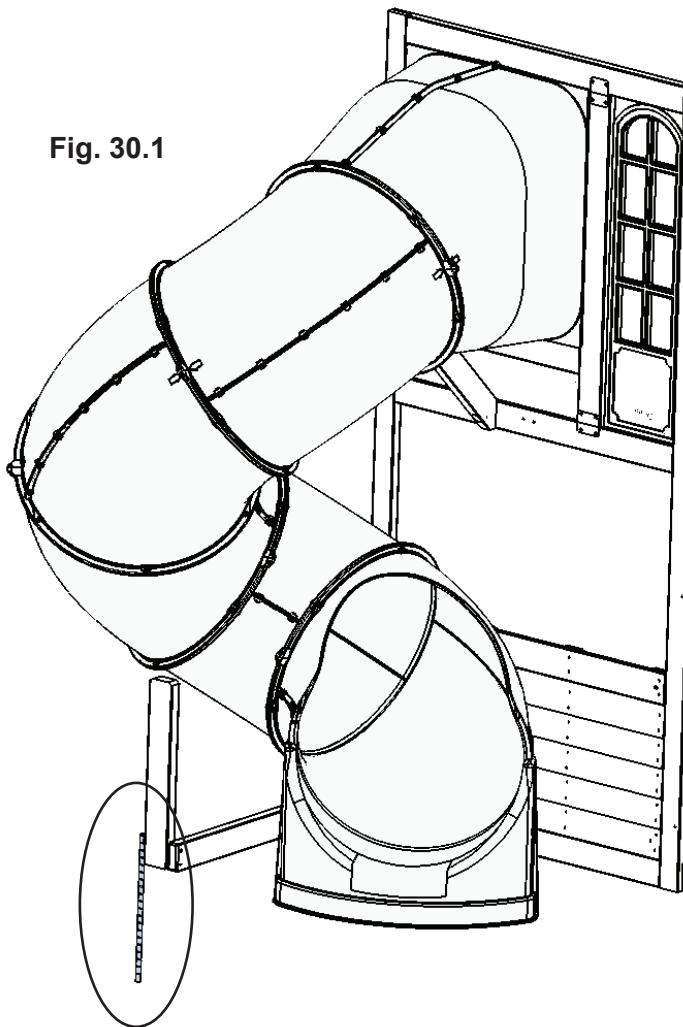
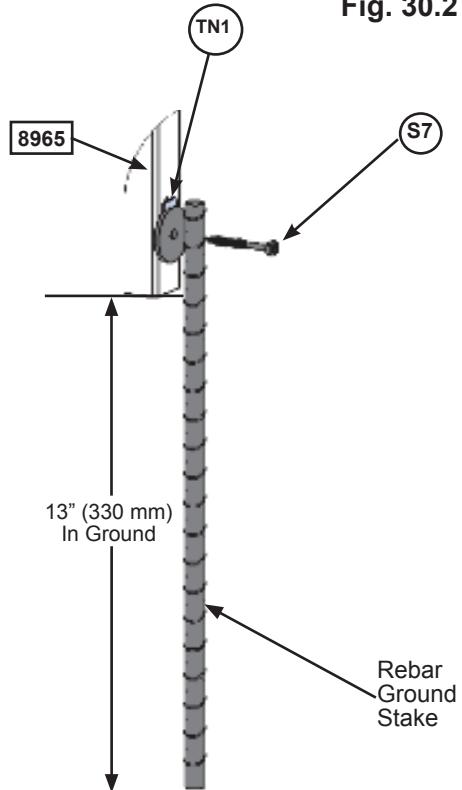


Fig. 30.2



Hardware

1 x Pan Screw

Other Parts

1 x Rebar Ground Stakes

Step 31: Counter Assembly

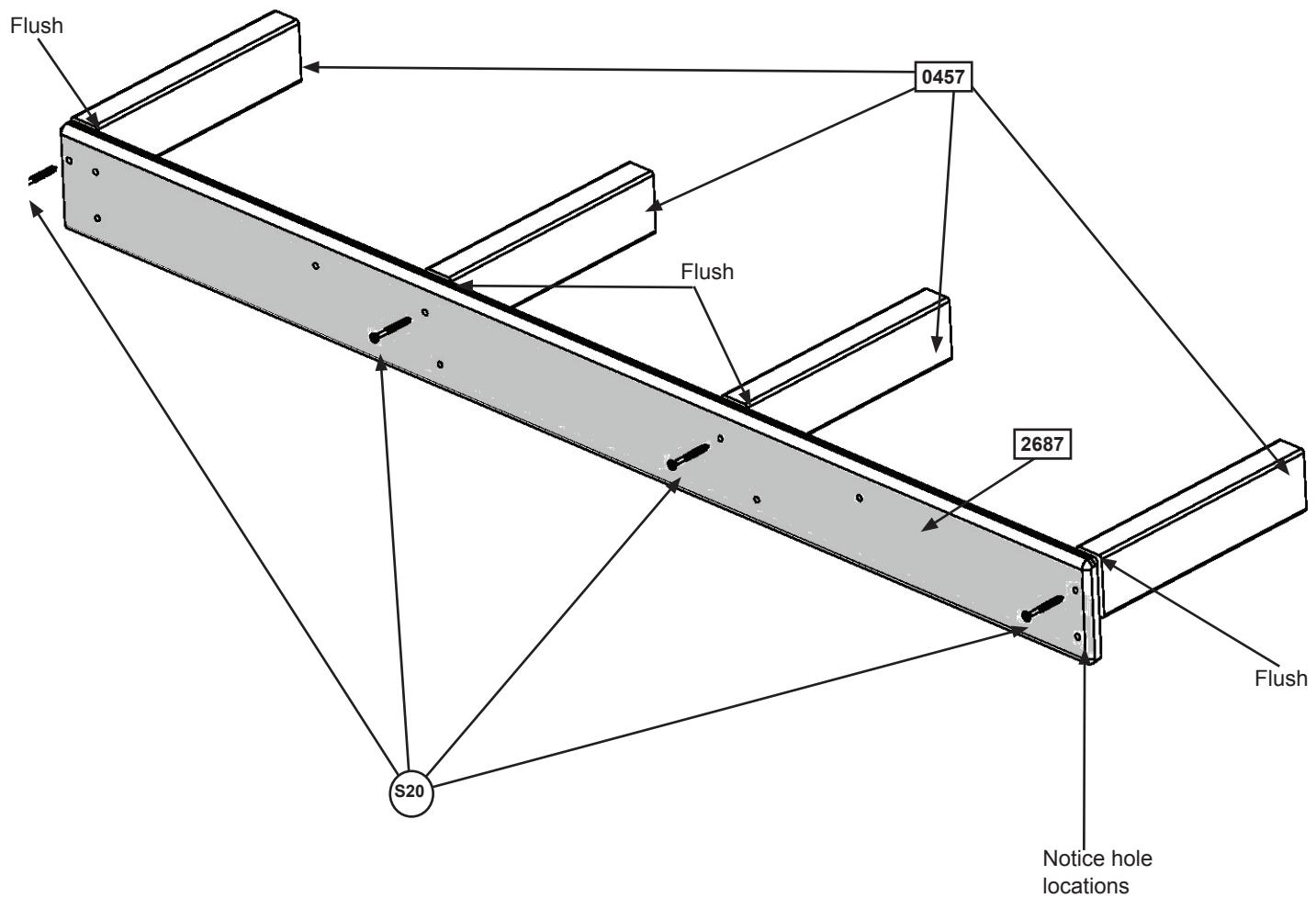
Part 1



A: Flush to each end and to the top of (2687) Counter Back attach 1 (0457) Counter Joist per end with 1 (S20) Wood Screw per joist. Notice the remaining holes at the bottom of (2687) Counter Back. (fig. 31.1)

B: Place the remaining 2 (0457) Counter Joists centred over the pilot holes in the middle of (2687) Counter Back and flush to the top of the board, then attach, in the top holes, with 1 (S20) Wood Screw per joist. (fig. 31.1)

Fig. 31.1



Wood Parts

1 x **2687** Counter Back 1 x 4 x 40-5/8"
4 x **0457** Counter Joist 1 x 2 x 8-1/4"

Hardware

4 x **S20** Wood Screw

Step 31: Counter Assembly

Part 2



C: On the inside of the panel shown in the Fort Guide place Counter Assembly so the top of (2687) Counter Back is flush to the top of the opening then attach with 5 (S20) Wood Screws. (fig. 31.2 and 31.3)

Fig. 31.2
Outside View

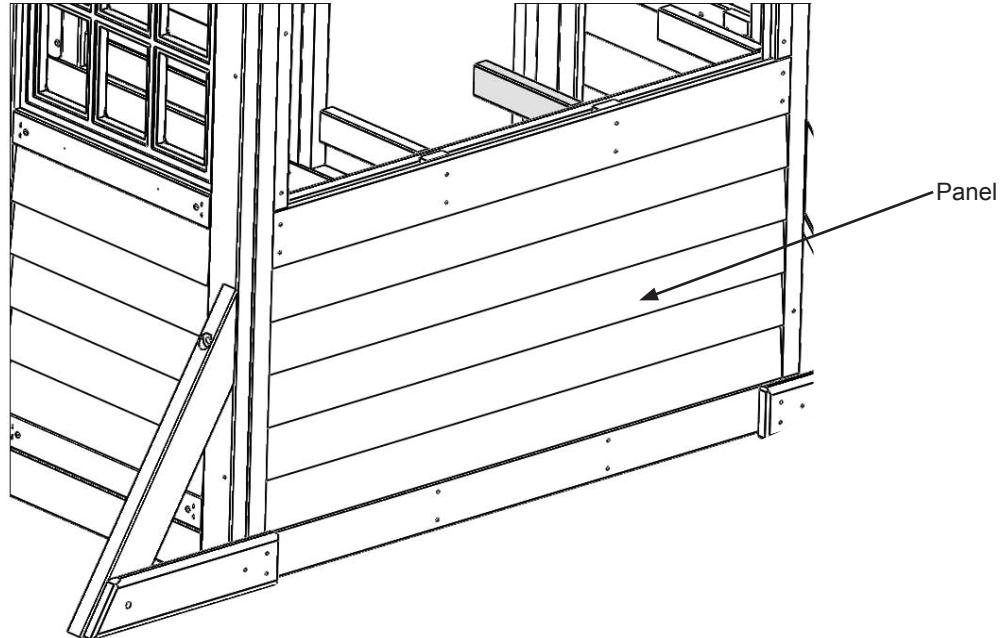
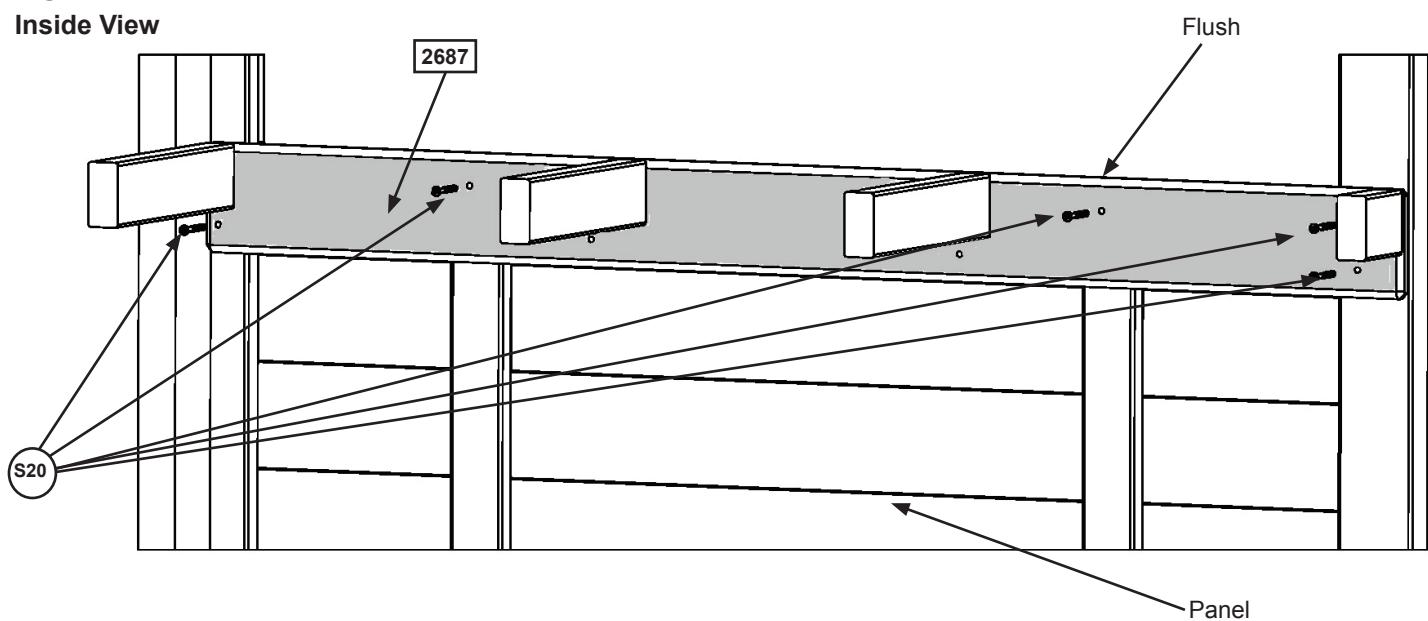


Fig. 31.3
Inside View



Hardware

5 x  Wood Screw

Step 31: Counter Assembly

Part 3



D: Place 1 (0461) Counter Brace flush to the front and outside edge of each outer (0457) Counter Joist and tight to the panel then attach with 2 (S3) Wood Screws per brace. (fig. 31.4 and 31.5)

Fig. 31.4

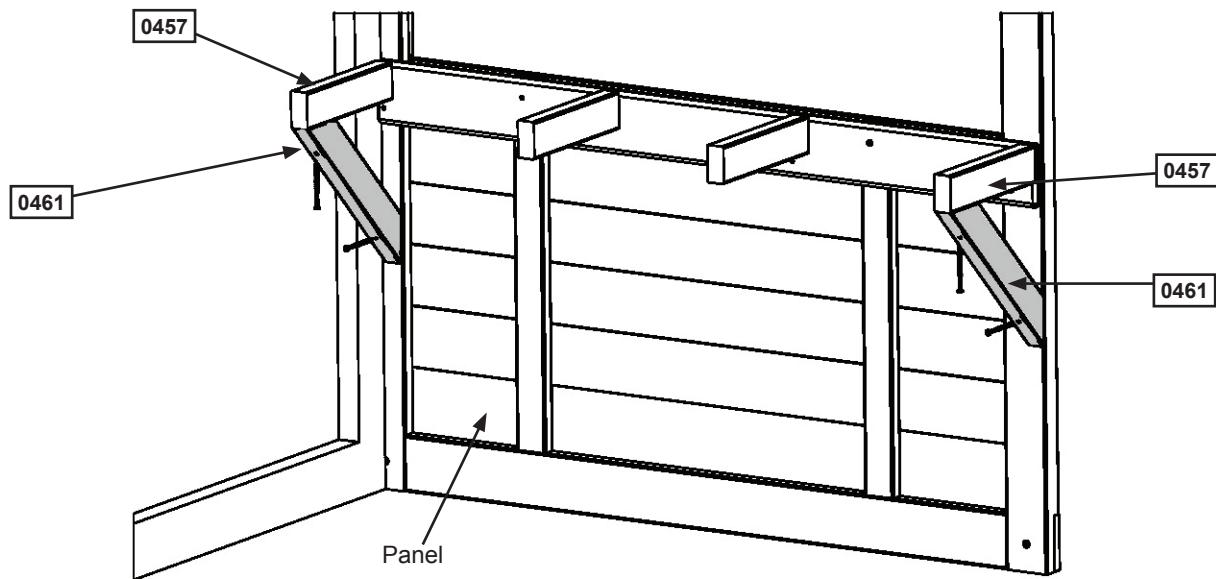
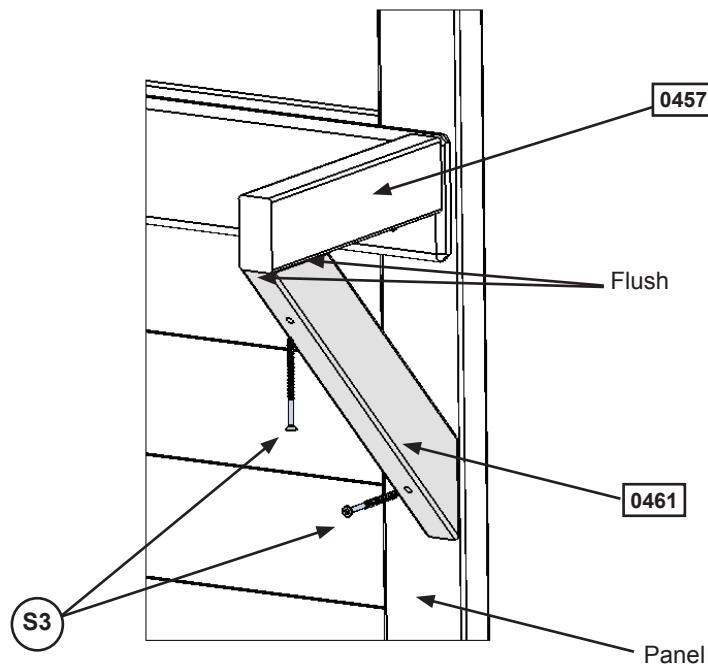


Fig. 31.5



Wood Parts

2 x 0461 Counter Brace

Hardware

4 x S3 Wood Screw

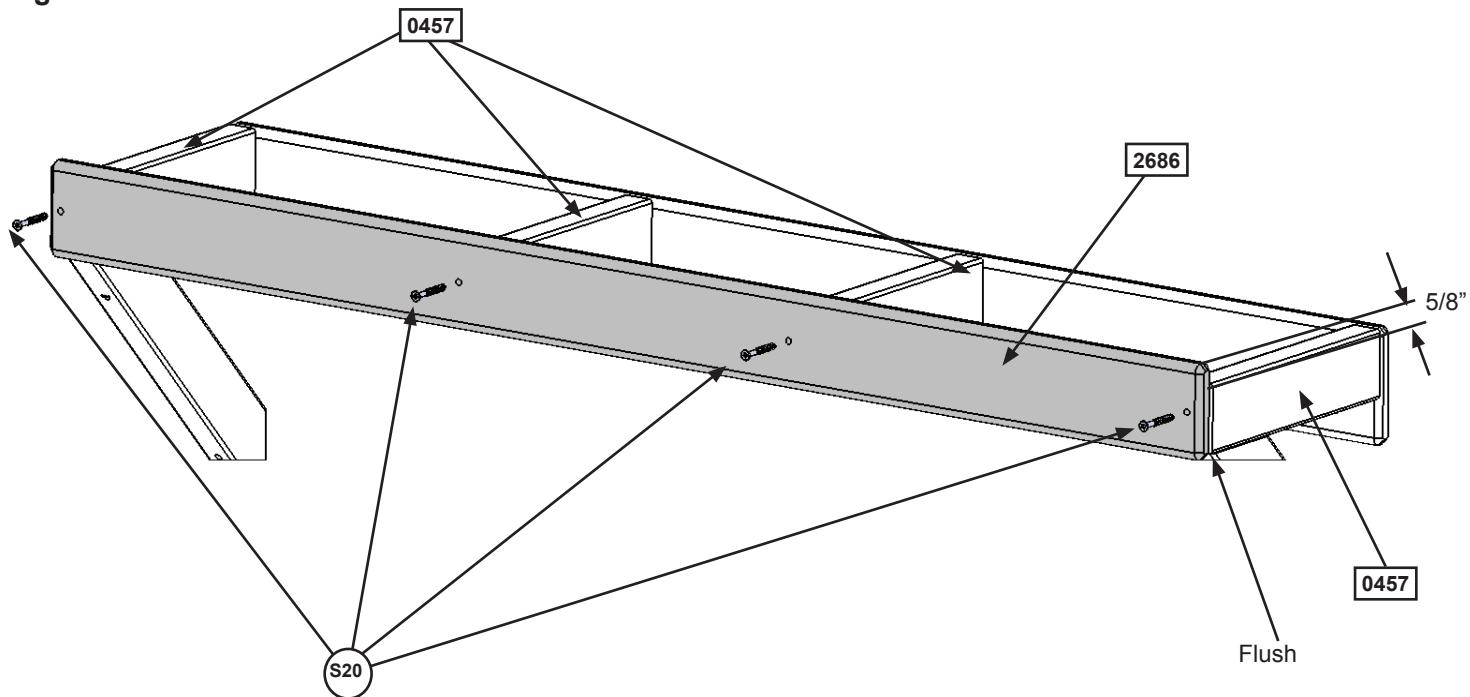
Step 31: Counter Assembly

Part 4



E: Place (2686) Counter Front against (0457) Counter Joists so the ends are flush and the centre (0457) Counter Joists are centred over the pilot holes. Measure 5/8" down from the top of (2686) Counter Front on both ends and attach to the (0457) Counter Joists with 4 (S20) Wood Screws. (fig. 31.6)

Fig. 31.6



Wood Parts

1 x **2686** Counter Front

Hardware

4 x **S20** Wood Screw

Step 31: Counter Assembly

Part 5



F: Tight to (2687) Counter Back attach (2685) Counter Top to each (0457) Counter Joist with 4 (TS) Trim Screws. (fig. 31.7)

G: Tight to (2685) Counter Top and flush to the outside edges of the outer (0457) Counter Joists attach 1 (0455) Counter Side per joist with 3 (TS) Trim Screws per board. (fig. 31.7)

H: Tight to (2685) Counter Top and centred over the middle 2 (0457) Counter Joists with ends flush to the outside edges attach 2 (2716) Counter Mid Tops with 4 (TS) Trim Screws per board. (fig. 31.7)

I: Attach (2685) Counter Top to the panel with 2 (TS) Trim Screws per board. (fig. 31.8)

Fig. 31.7

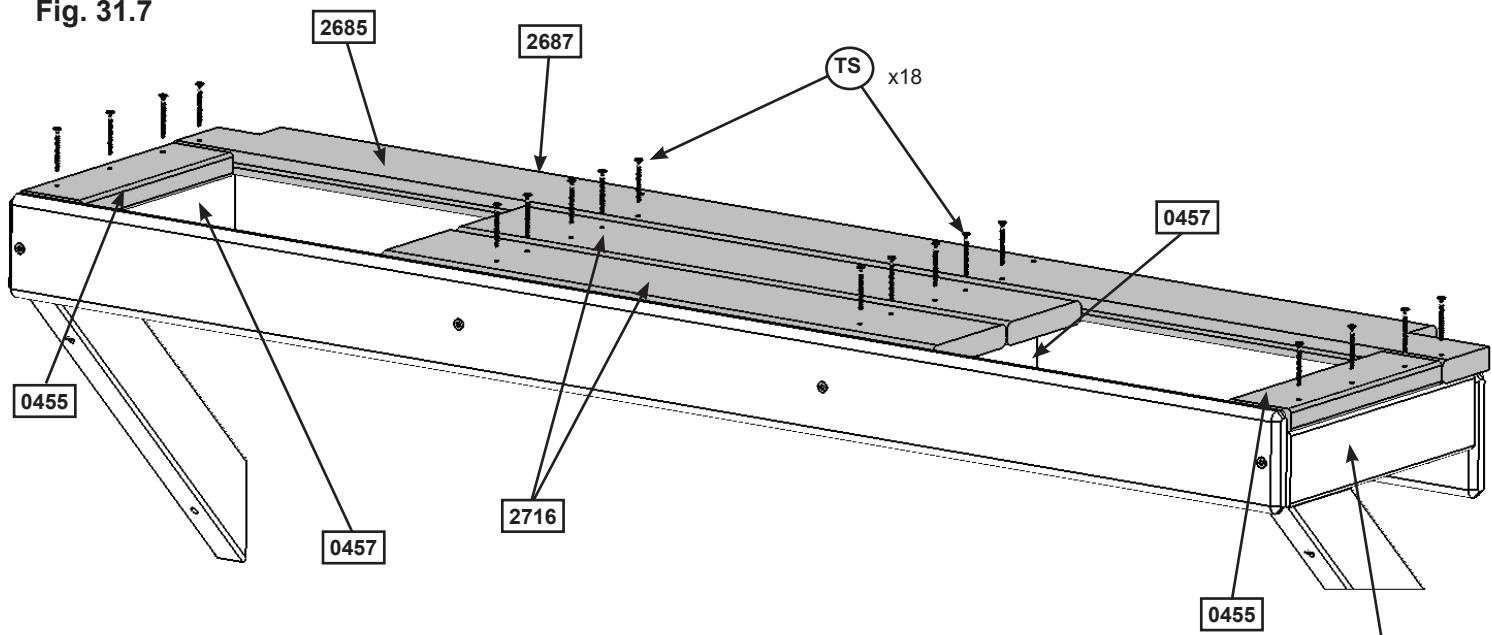
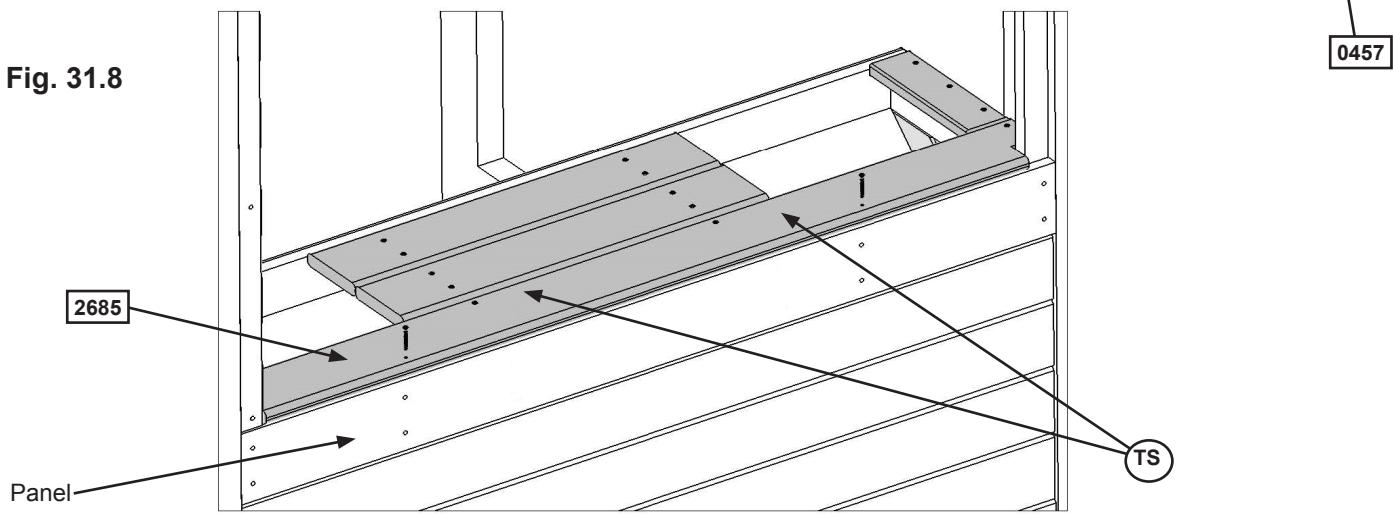


Fig. 31.8



Wood Parts

- 2 x **2716** Counter Mid Top
- 1 x **2685** Counter Top
- 2 x **0455** Counter Side

Hardware

- 20 x **TS** Trim Screw

Step 31: Counter Assembly

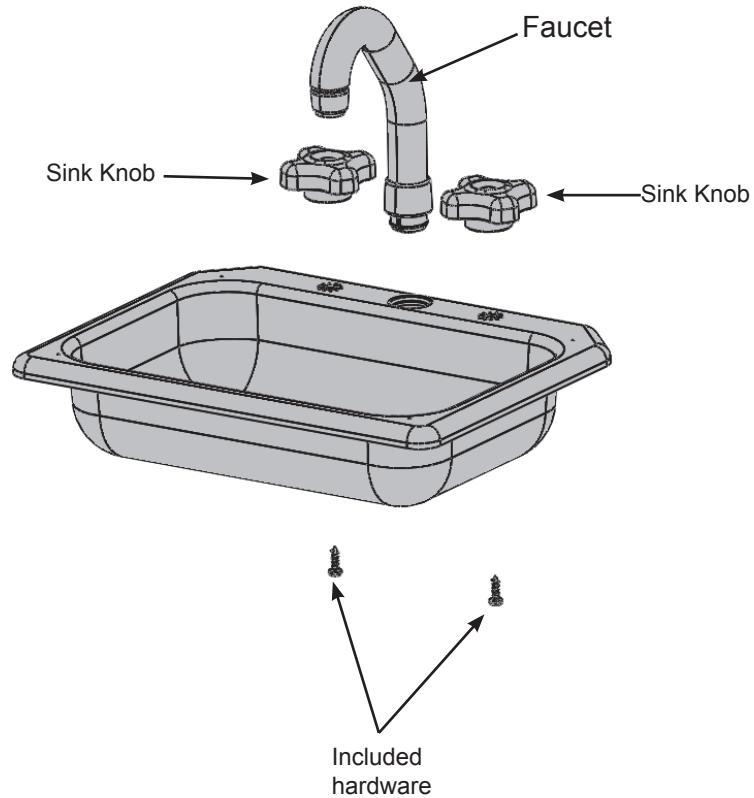
Part 6



J: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 31.9)

Important: Use a hand held screw driver and DO NOT over tighten.

Fig. 31.9



Other Parts

1 x Sink
2 x Sink Knobs
1 x Faucet

Step 31: Counter Assembly

Part 7

K: Place Sink and Stove in the openings of the Counter Assembly then attach 4 Mount Clips with included hardware to the bottom of the Sink and Stove to secure in place. (fig. 31.10 and 31.11)

Important: Use a hand held screw driver and DO NOT over tighten.

Note: To remove the Sink or Stove loosen screw 1/4 turn then twist Mount Clips.

Fig. 31.10

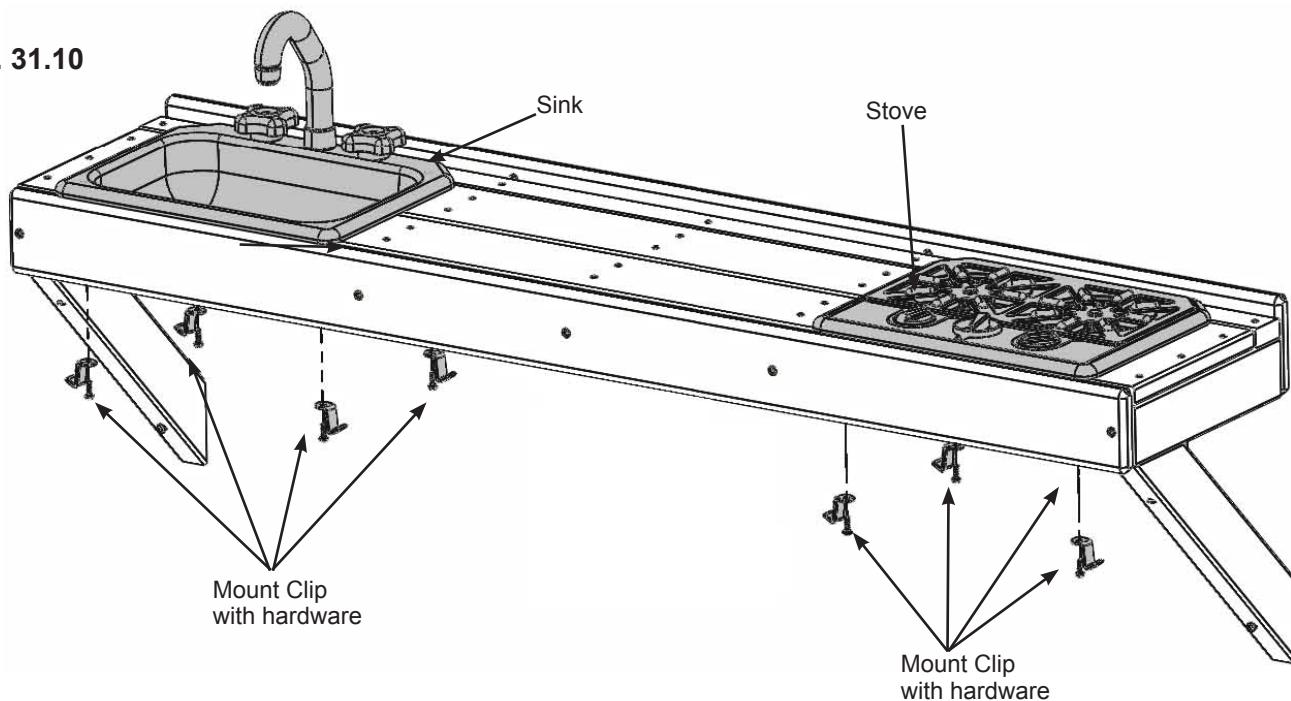
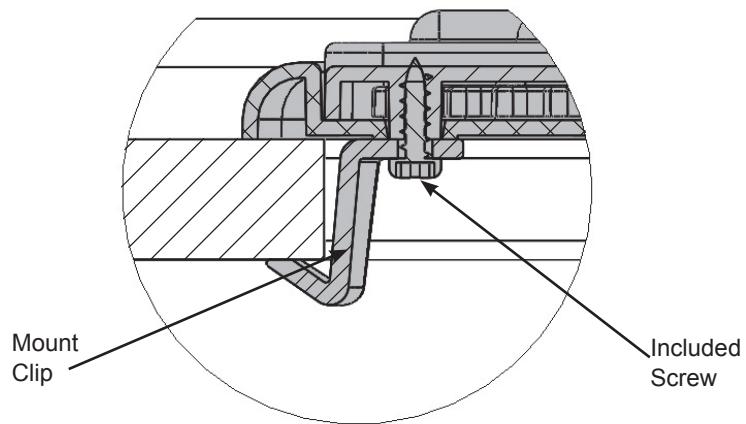


Fig. 31.11



Other Parts

1 x Stove
8 x Mount Clip

Step 32: Attach Utensil Shelf



A: From inside the assembly, centred in the top of the opening of panel as shown in the Fort Guide, above the counter, attach Utensil Shelf with 2 (S13) Pan Screws as shown in fig. 32.1 and 32.2.

B: Attach Pot, Pan and Spatula to the Utensil Shelf. (fig. 32.1)

Fig. 32.1

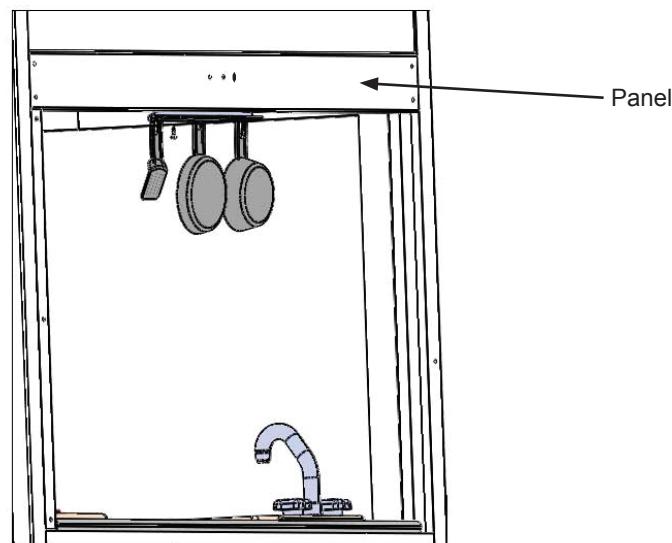
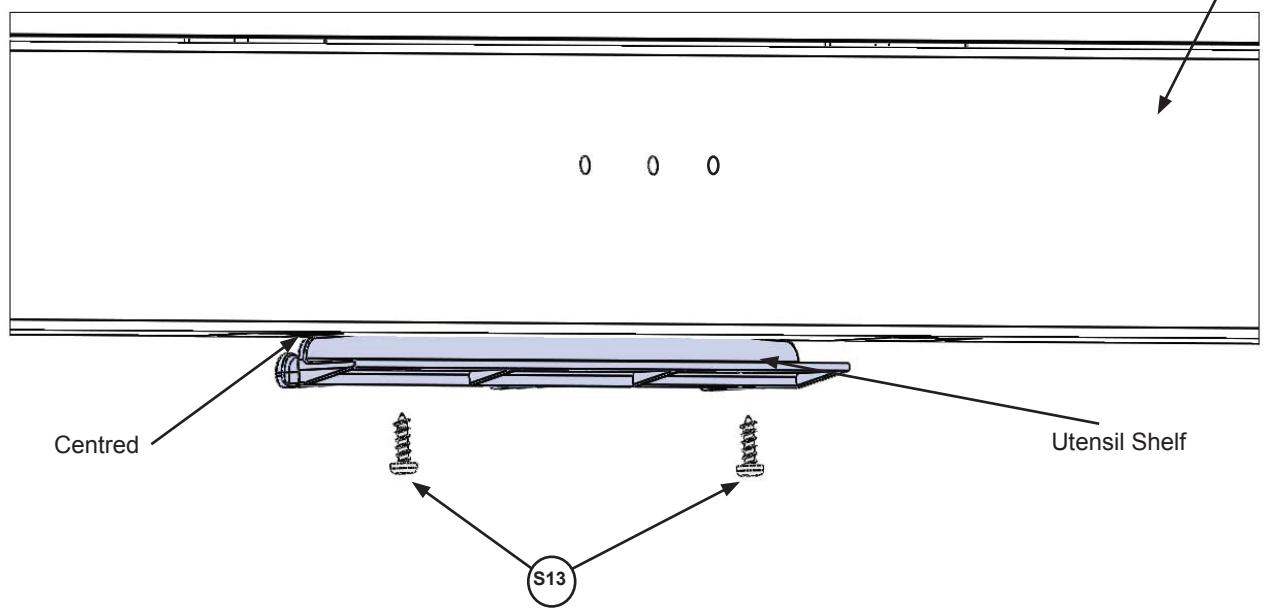


Fig. 32.2



Hardware

2 x Pan Screw

Other Parts

1 x Utensil Shelf
1 x Pot
1 x Pan
1 x Spatula

Step 33: Attach Mail Box

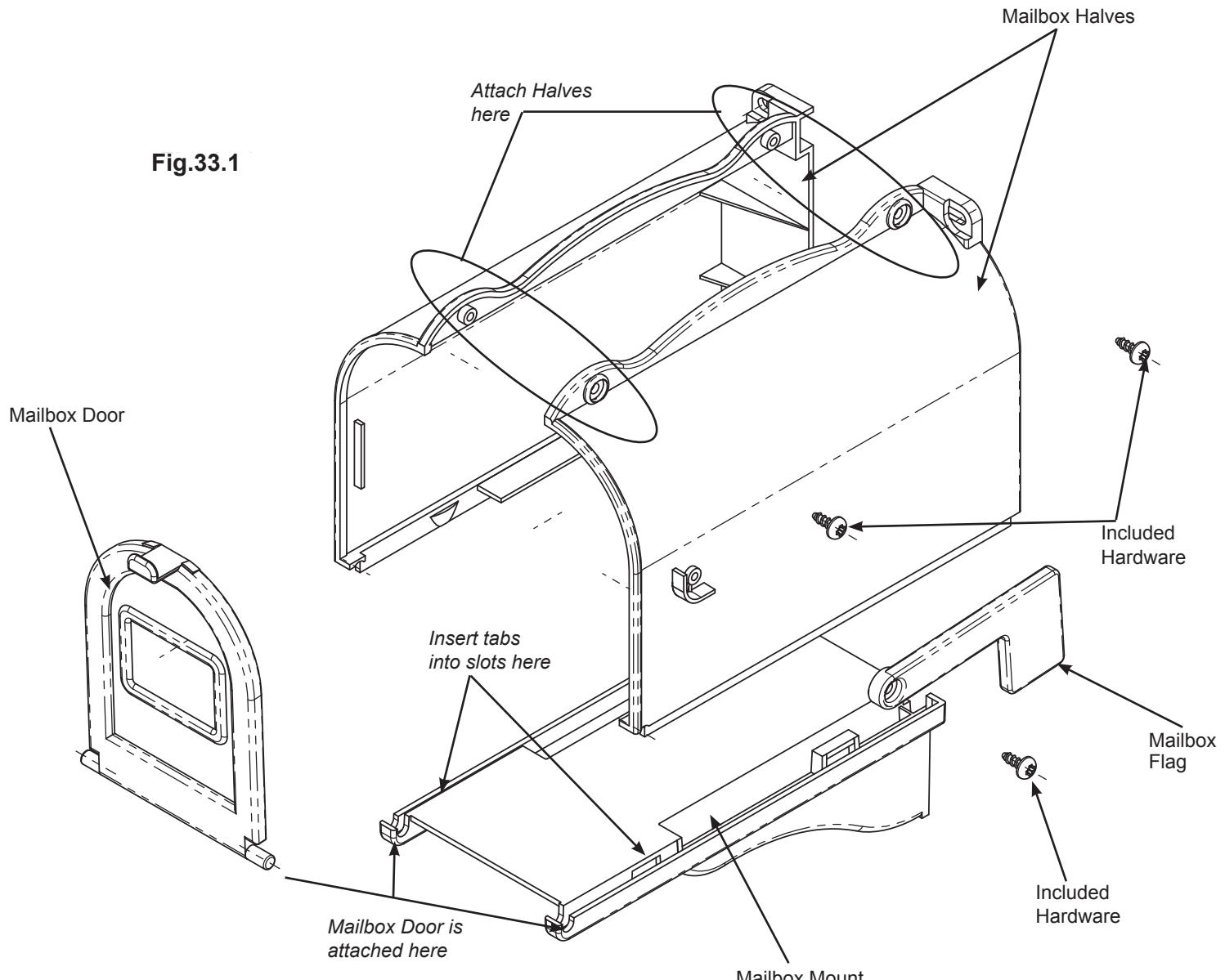
Part 1

A: Place both Mailbox Halves together and attach at the top with included hardware. (fig. 33.1)

B: Snap Mailbox Door onto Mailbox Mount. (fig. 33.1)

C: Place assembled Mailbox on Mailbox Mount and slide into place using the tabs and slots. (fig. 33.1)

D: Attach Mailbox Flag to Mailbox with included hardware. (fig. 33.1)



Other Parts

1 x Mailbox
(with included hardware)

Step 33: Attach Mailbox

Part 2



E: On the outside corner of the Door Wall as shown in fig. 33.2 place Mail Box Assembly on the panel then attach with 1 (S10) #8 x 1" Pan Screw from the bottom and 2 (S10) #8 x 1" Pan Screws on the top. (fig. 33.2, 33.3 and 33.4)

F: For the remaining 2 holes, attach with 2 (S13) #6 x 5/8" Pan screws. (fig.33.2)

Fig. 33.2

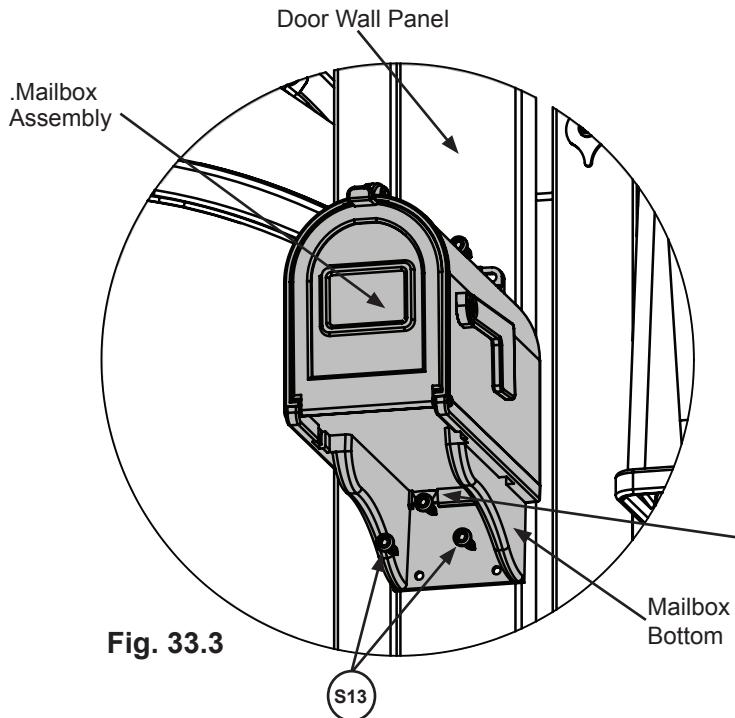
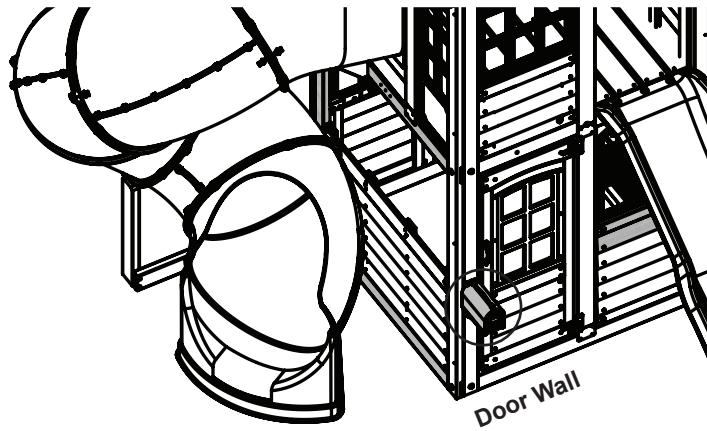


Fig. 33.3

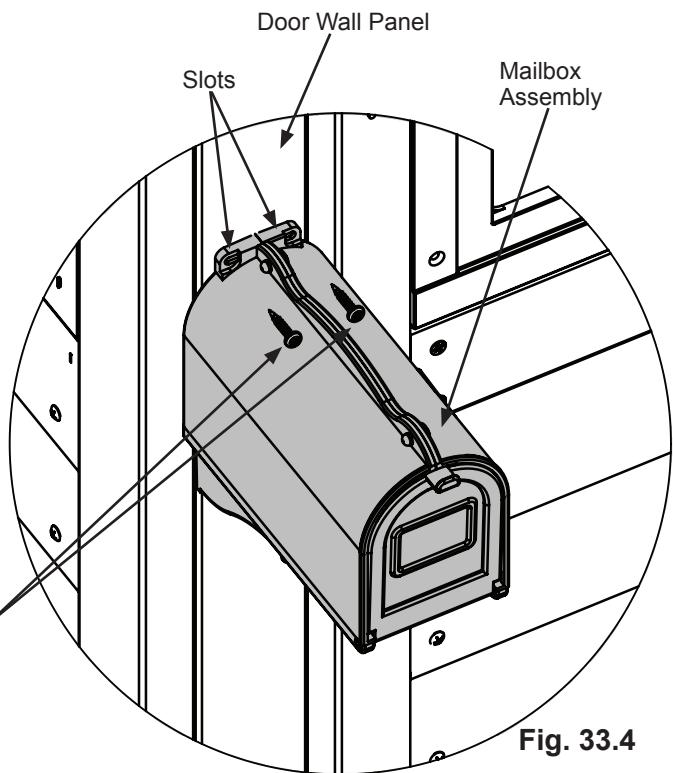


Fig. 33.4

Hardware

3 x Pan Screw

2 x Pan Screw

Step 34: Attach I.D. Plaque

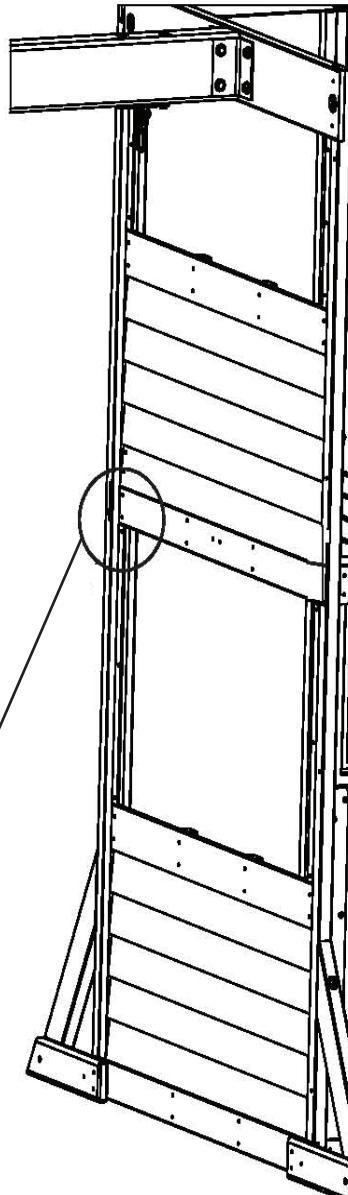


ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

This provides warnings concerning safety and important contact information. A Tracking Number is provided to allow you to get critical information or order replacement parts for this specific model.



A: Attach KidKraft I.D. Plaque to a location on your set that is easily seen and read by a supervising adult using 4 (S13) Pan Screws as shown below.



Hardware

4 x Pan Screw

Other Parts

1 x KidKraft I.D. Plaque

Step 35: Swing Wall



A: Attach the (9481) SW Side Panel Assembly with 6 (S0) Wood Screws. Ensure the assembly is flush with the (2756) Siding Assemblies and tight to the (2630) SW Top. (fig. 35.1 and 35.2)

Fig. 35.1

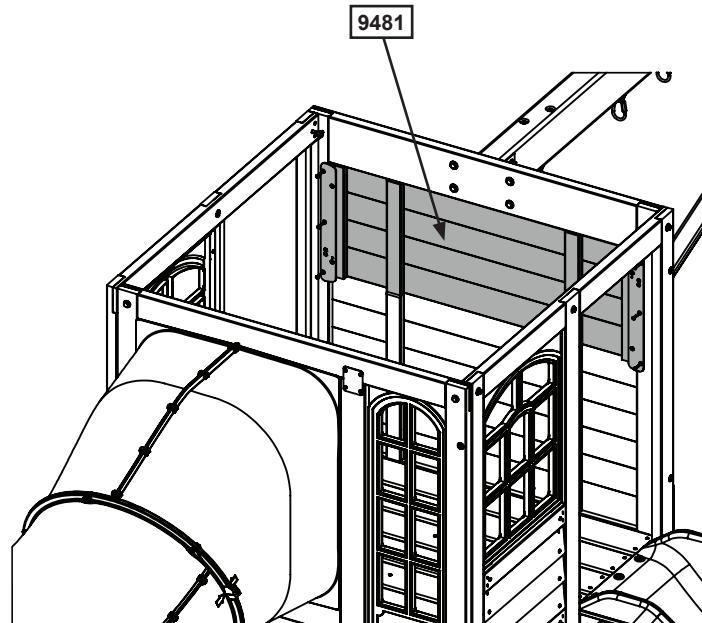
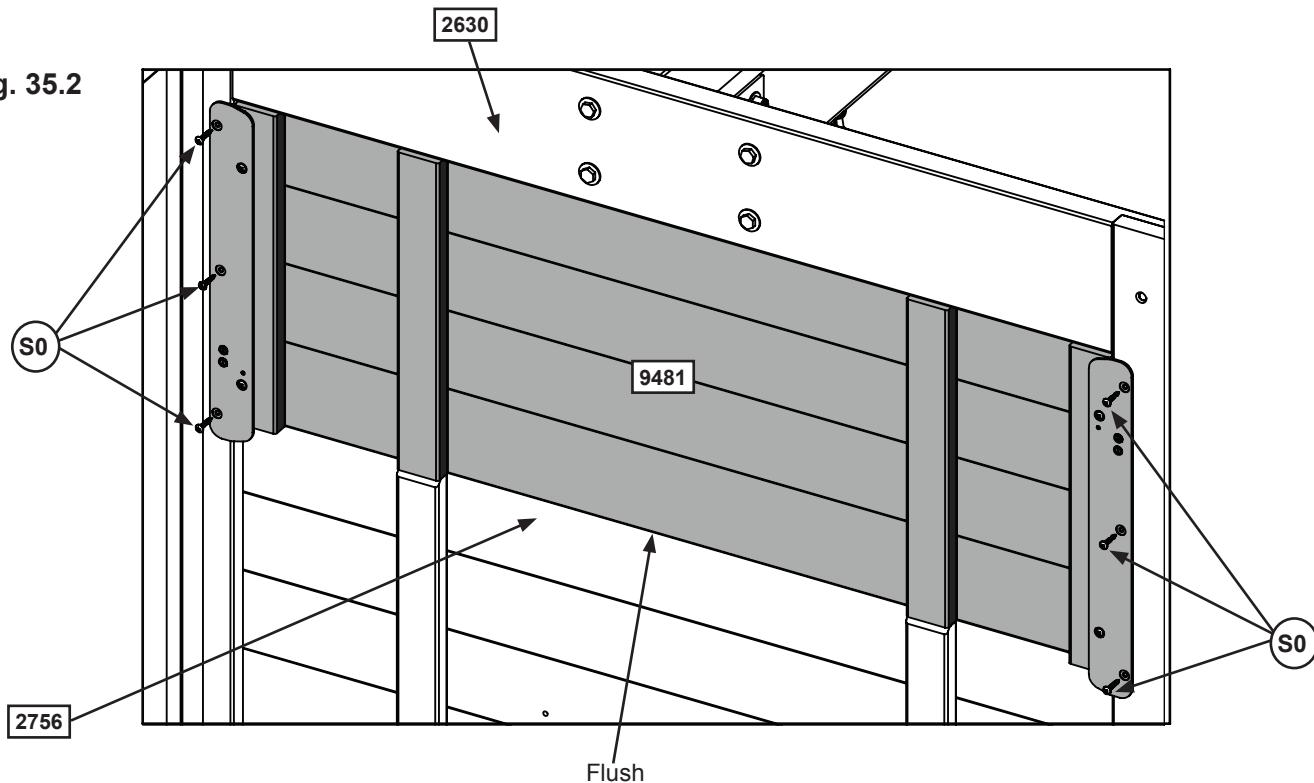


Fig. 35.2



Wood Parts

1 x 9481 SW Side Panel

Hardware

6 x S0 Truss Screw

Step 36: Ladder Assembly

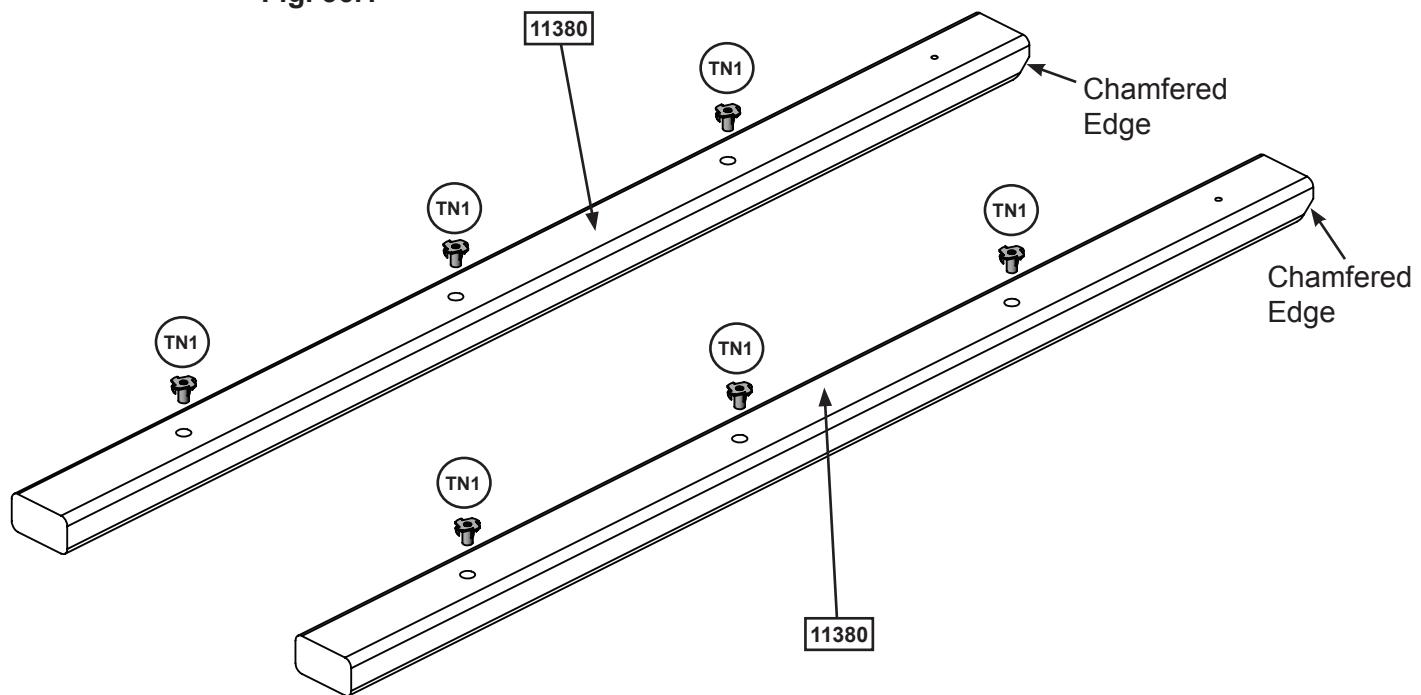
Part 1



A: Place 2 (11380) M-Ladder Post on a hard, flat surface with the chamfered edges facing down. (fig. 36.1)

B: Tap 6 (TN1) into the rung holes.

Fig. 36.1



Wood Parts

2 x 11380 M-Ladder Post

Hardware

6 x (TN1) T-nut

Step 36: Ladder Assembly

Part 2



C: Carefully turn over the (11380) M-Ladder Post

D: Place 3 (11381) M-Ladder Support on top, making sure the edges are flush to the edges of (11380) M-Ladder Post. Attach with 6 (H11) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 36.2 and 36.3). Make sure the assembly is square.

Fig. 36.2

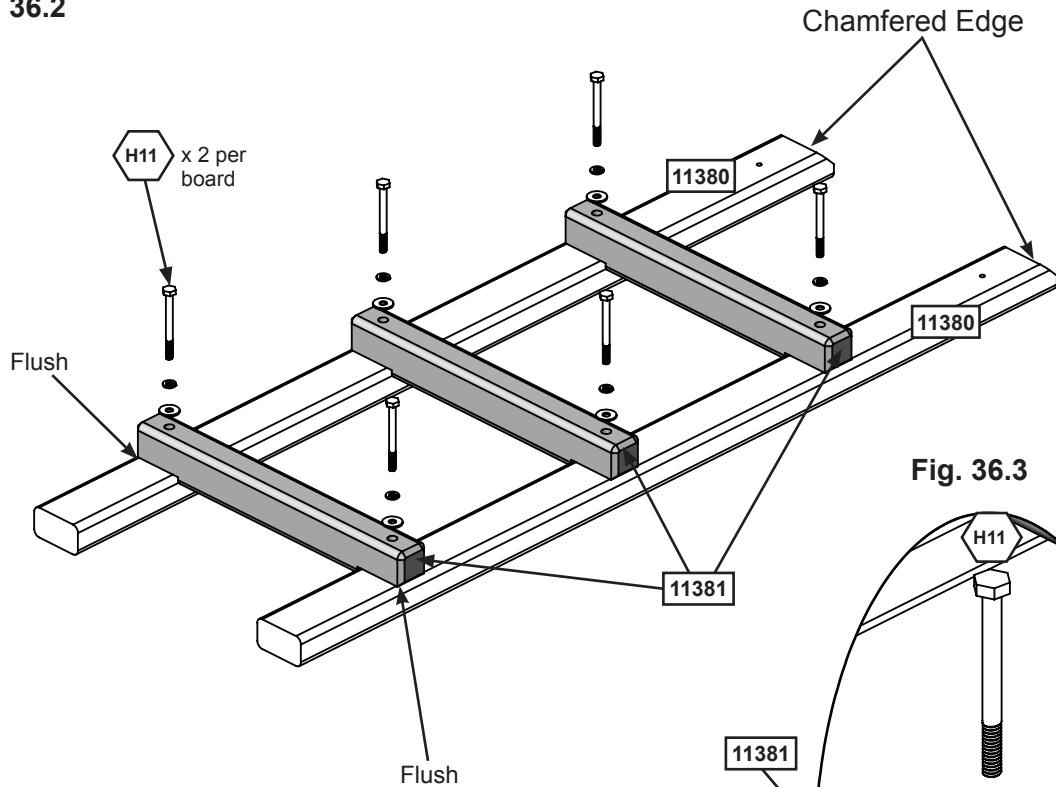
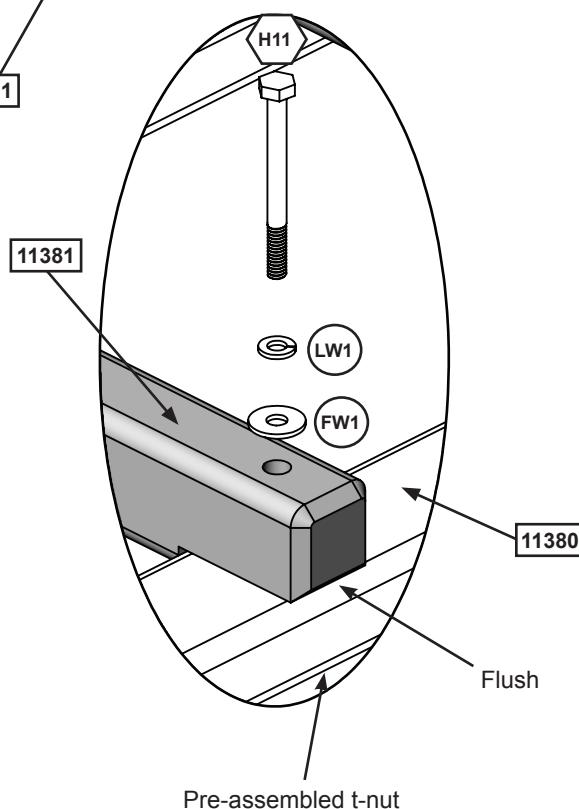


Fig. 36.3



Wood Parts

3 x 11381 M-Ladder Support

Hardware

6 x H11 Hex Bolt
(lock washer, flat washer)

Step 36: Ladder Assembly

Part 3



E: Turn the ladder assembly over. Note the hole locations. (fig. 36.4)

F: Place (11382) M-Ladder on the (11380) M-Ladder Post. Ensure the bottom and side edges are flush. Attach with 2 (S20) Wood Screws per board. (fig. 36.4 and 36.5)

Fig. 36.4

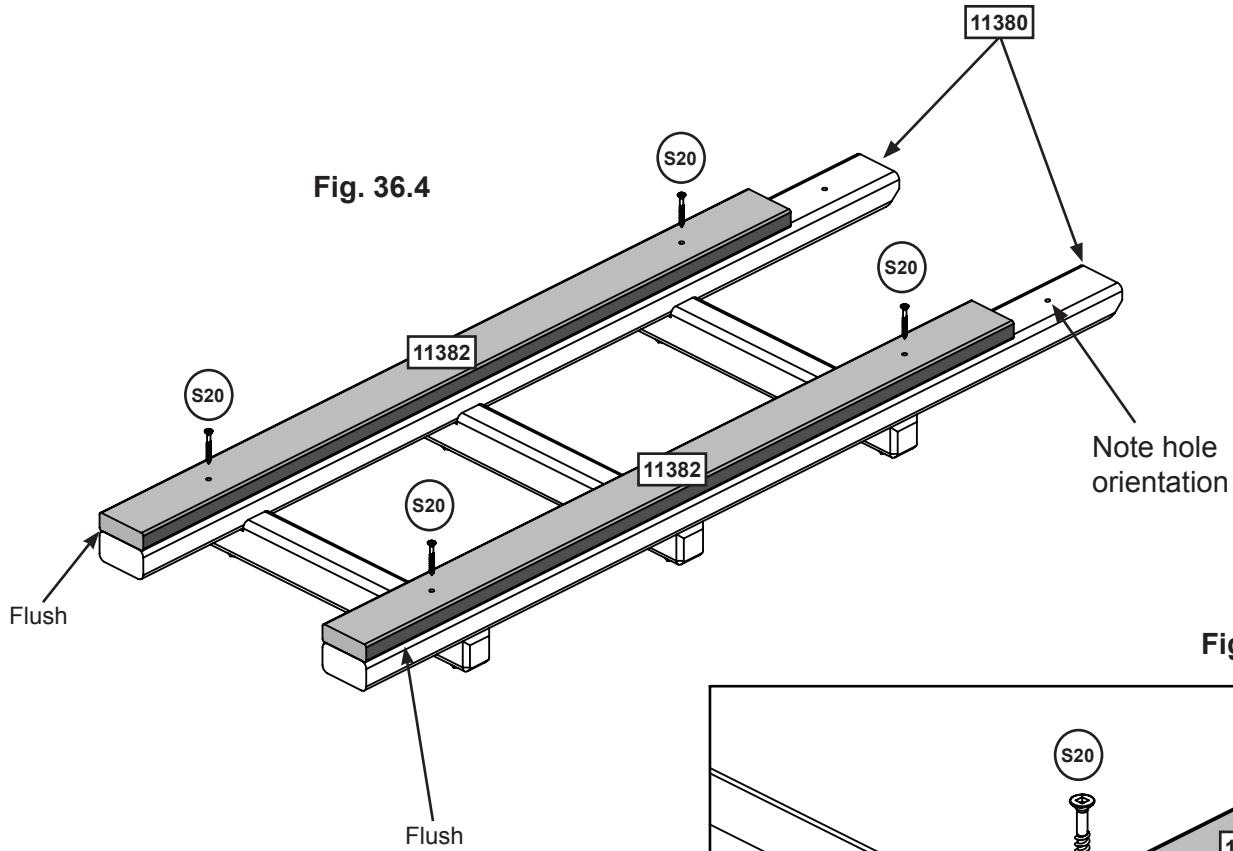
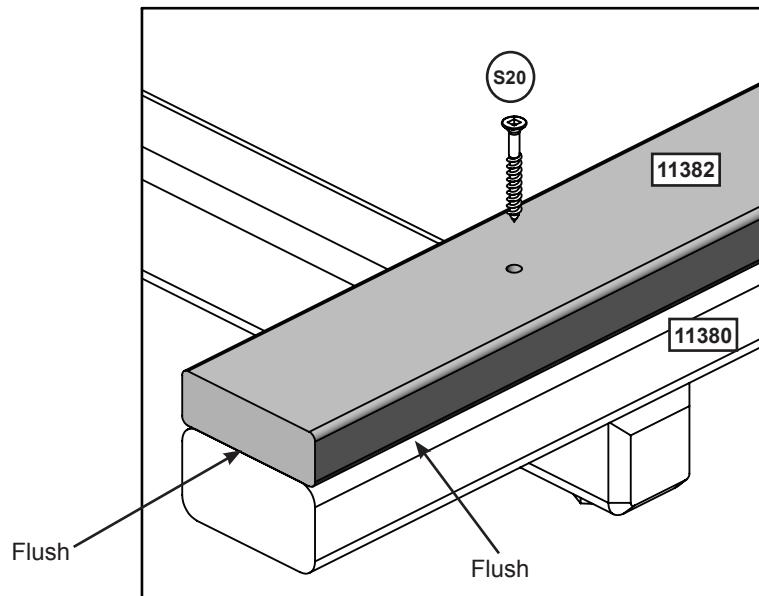


Fig. 36.5



Wood Parts

2 x **11382** M-Ladder

Hardware

4 x **(S20)** Wood Screw

Step 36: Ladder Assembly

Part 4



G: Center the Ladder Assembly on the SW Wall. Ensure the bottom of the ladder is flush with the floorboards and that the back of the ladder is tight to the SW Wall. Attach with 2 (S7). (fig. 36.6 and 36.7)

Fig. 36.6

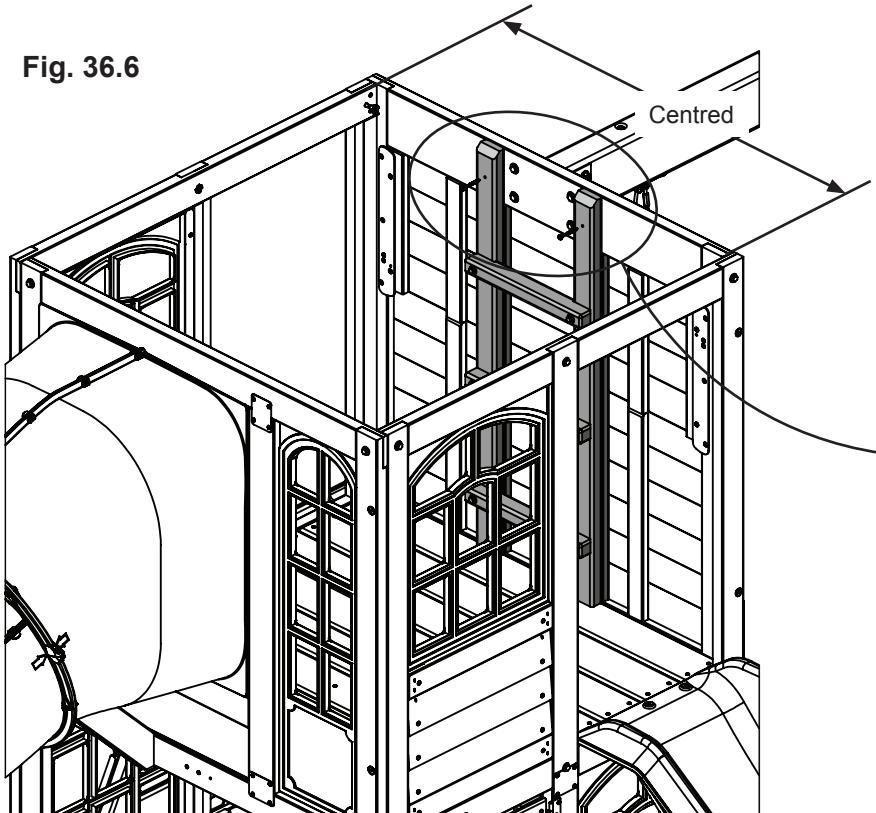
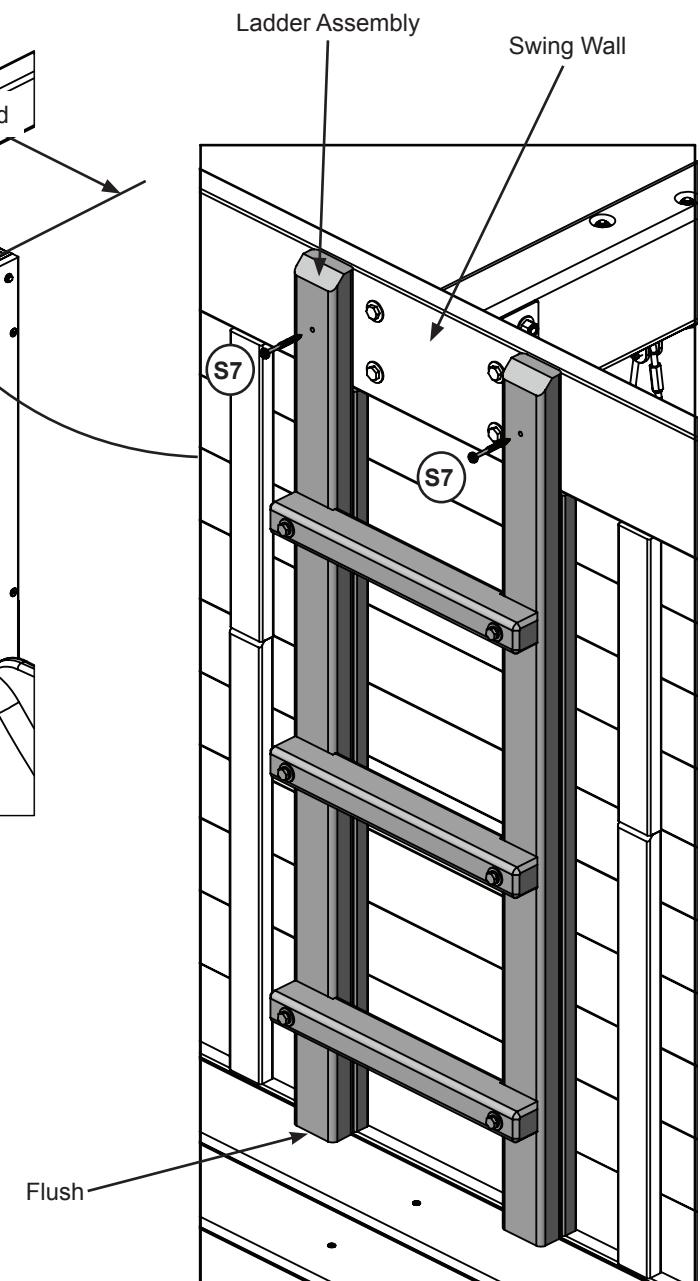


Fig. 36.7



Hardware

2 x S7 Pan Screw

Step 36: Ladder Assembly

Part 5



H: On the exterior side of the SW Wall pre-drill 6 holes with a 1/8" (3.2 mm) drill bit at the locations shown (fig. 36.9). Ensure each pre-drilled hole has a depth of 1".

I: Secure the ladder to the SW Wall with 6 (S7) Pan Screws. (fig. 36.8)

Fig. 36.8

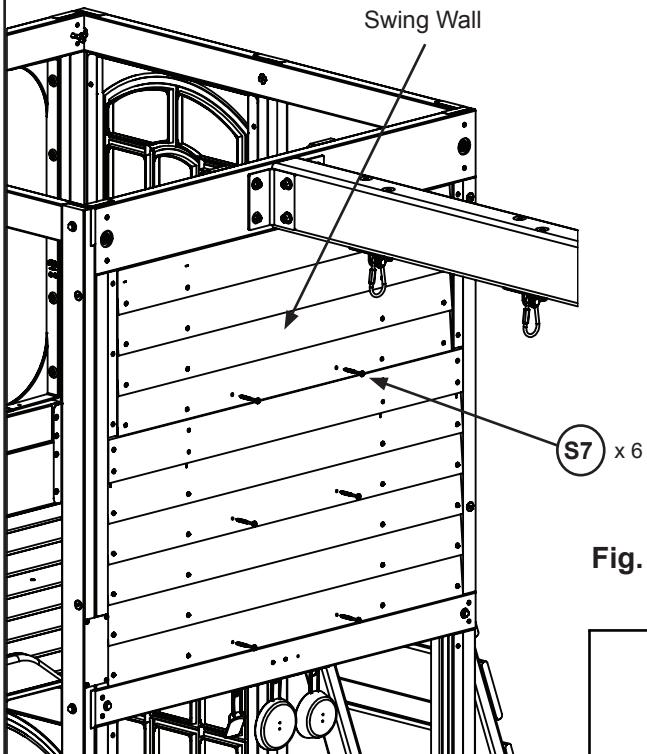
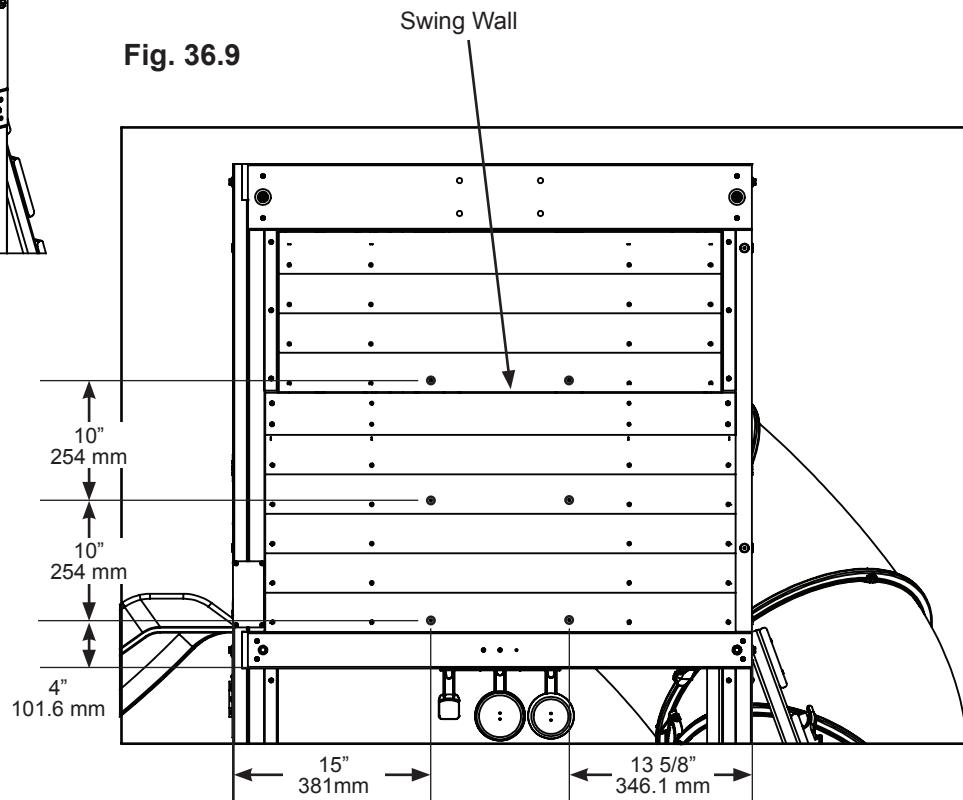


Fig. 36.9



Hardware

6 x S7 Pan Screw

Step 37: Crow's Nest Frame

Part 1



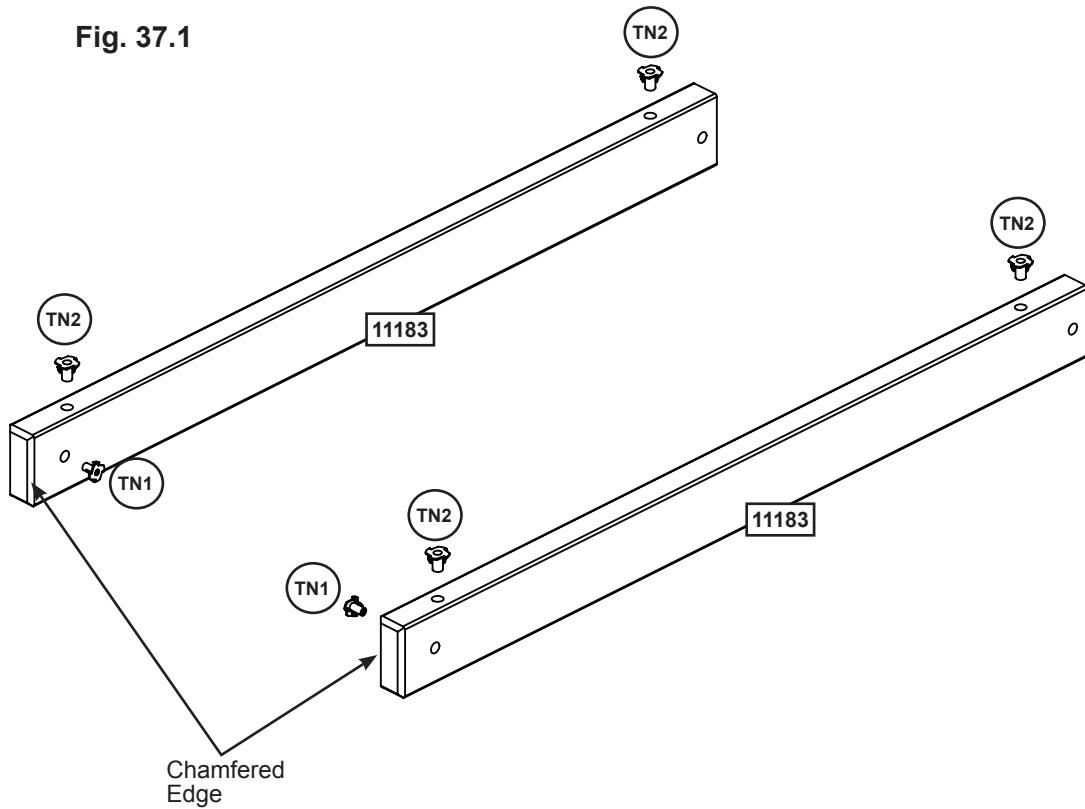
A: Place 2 (11183) Crow Nest Post B on a hard, flat surface. The top of the posts have chamfered edges. (fig. 37.1)

B: Tap in 2 (TN2) T-nuts per board.

C: On the inside faces of the posts tap in 1 (TN1) T-nut per board.

D: Set the boards aside for a later step.

Fig. 37.1



Wood Parts

2 x **11183** Crow Nest Post B

Hardware

2 x **(TN1)** T-nut

4 x **(TN2)** T-nut

Step 37: Crow's Nest Frame

Part 2

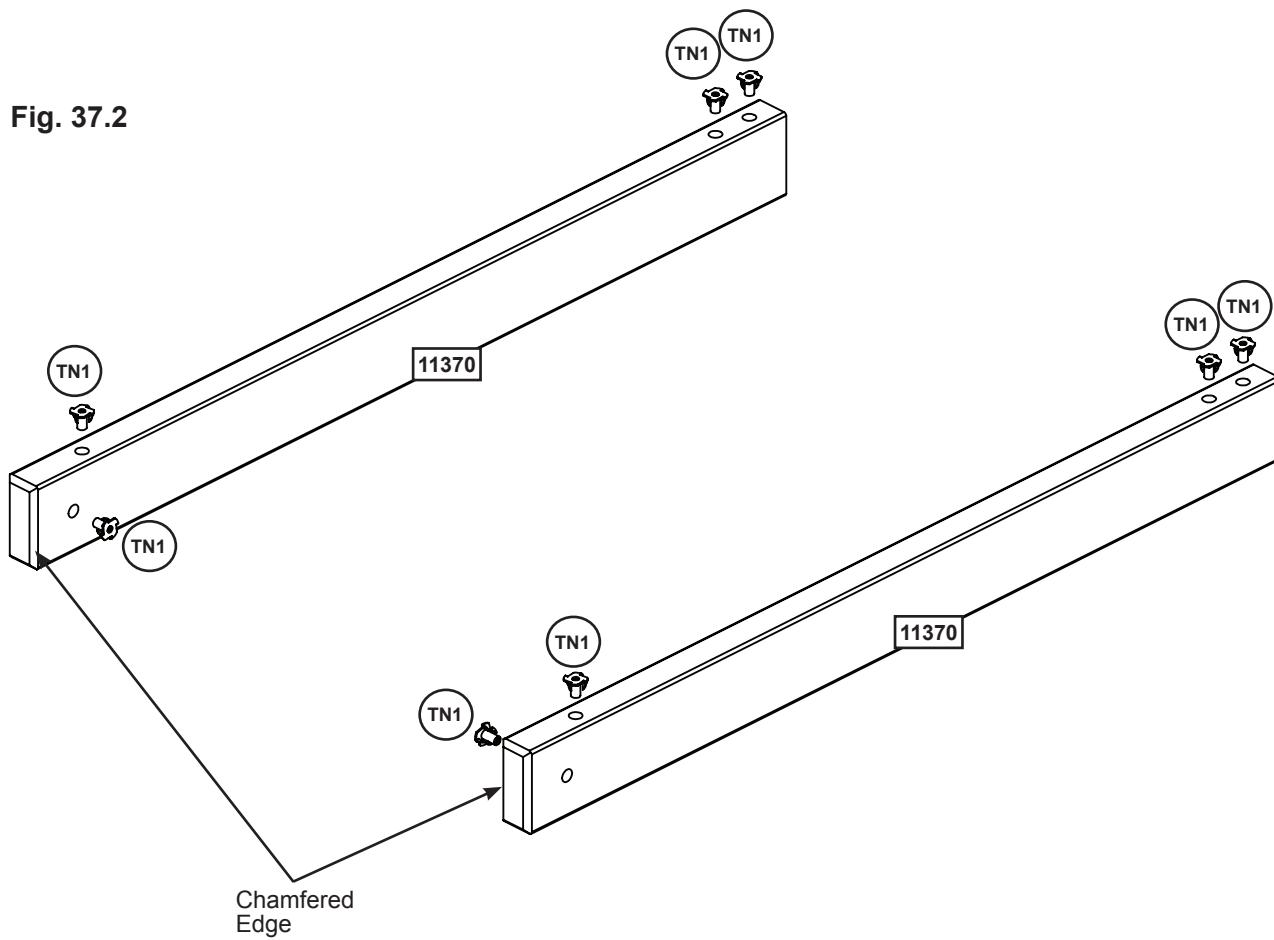


E: Place 2 (11370) Platform Post A on a hard, flat surface. The top of the posts have chamfered edges. (fig. 37.2)

F: Tap in 3 (TN1) T-nuts per board.

G: On the inside faces of the posts of the posts tap in 1 (TN1) T-nut per board.

H: Set the boards aside for a later step.



Wood Parts

2 x **11370** Platform Post A

Hardware

8 x **(TN1)** T-nut

Step 37: Crow's Nest Frame

Part 3

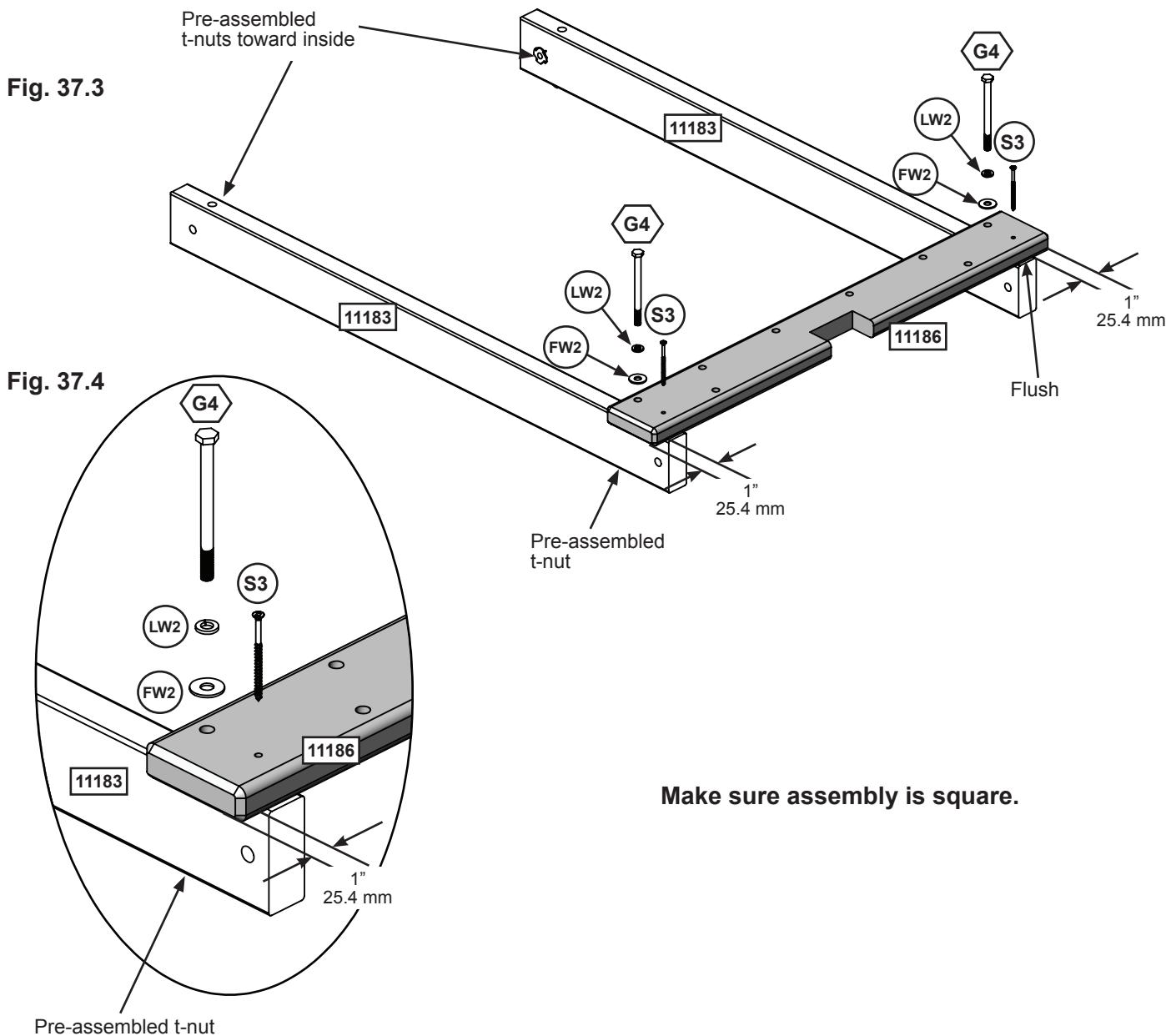


I: Place the 2 previous (11183) Crow Nest Post B on a hard, flat surface with the TN facing down. (fig. 37.3)

J: Place (11186) Bottom Nest Top B at the bottom of the posts, leaving 1" (25.4mm) overhang on either side of the board. Make sure the assembly is square.(fig. 37.3)

K: Attach (11186) Bottom Nest Top B with 2 (G4) Hex Bolts (with lock washer and flat washer) connecting to previously installed t-nuts. (fig. 37.3 and 37.4)

L: Attach 2 (S3) Wood Screws. (fig. 37.3 and 37.4)



Wood Parts

1 x 11186 Bottom Nest Top B

Hardware

2 x G4 Hex Bolt (lock washer, flat washer)
 2 x S3 Wood Screw

Step 37: Crow's Nest Frame

Part 4



M: Place the frame on a hard, flat surface so that the (11186) Bottom Nest Top B is on the bottom and its notch is facing to the top. (fig. 37.5)

N: Place boards (11185) Bottom Nest Top A and (11184) Crow Nest Floor Support on either side of the left (11183) Crow Nest Post B. Align the boards so they are flush with the notched edge of (11186) Bottom Nest Top B.

O: Attach 1 (H8) Hex Bolt (with lock washer, 2 flat washers, and lock nut) to the bottom hole. Do not fully tighten yet. (fig. 37.6)

P: Place (11368) Crow Nest Post A in between the two (11185) Bottom Nest Top A and (11184) Crow Nest Floor Support. Keep board (11368) square to the other boards and align its first hole with the corresponding top holes on the other boards. Note the notch cut is not flush with board (11184). (fig. 37.5)

Q: Attach 1 (H8) Hex Bolt (with lock washer, 2 flat washers, and lock nut). Tighten all bolts. (fig. 37.6)

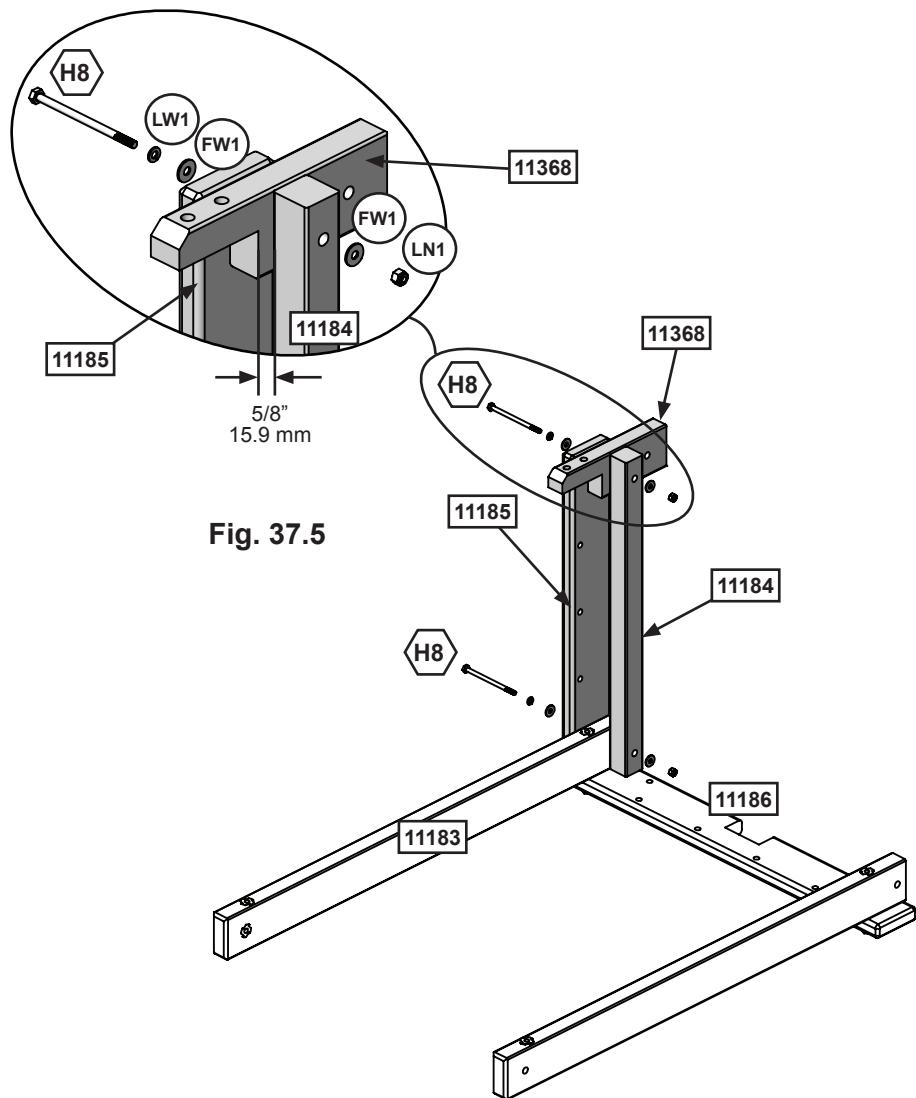
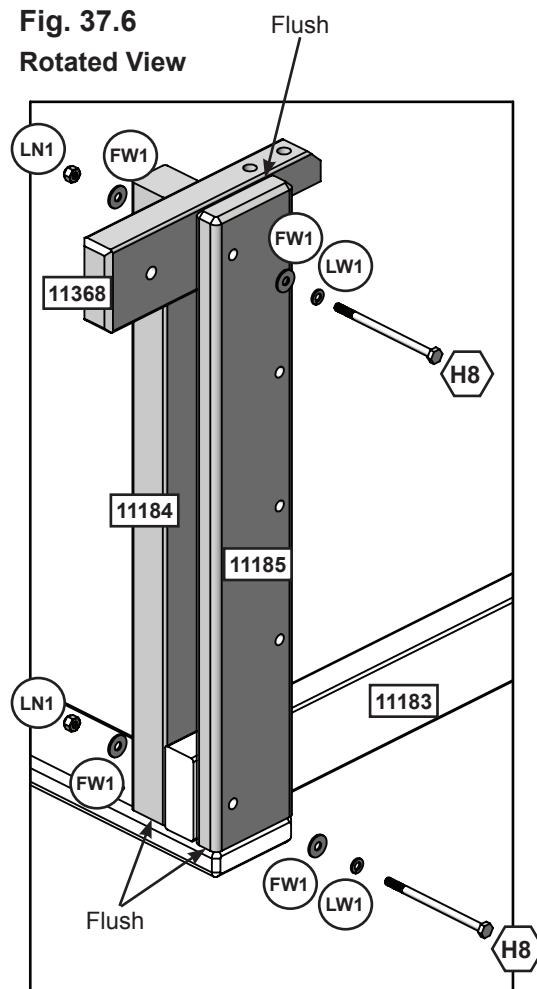


Fig. 37.5

Fig. 37.6
Rotated View



Wood Parts

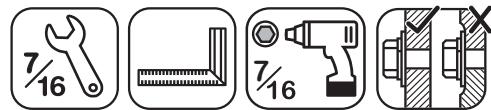
- 1 x 11368 Crow Nest Post A
- 1 x 11184 Crow Nest Floor Support
- 1 x 11185 Bottom Nest Top A

Hardware

- 2 x H8 Hex Bolt (lock washer, 2 flat washer, lock nut)

Step 37: Crow's Nest Frame

Part 5



R: Repeat the previous step for the Right side of the frame. (fig. 37.7 and 37.8)

Fig. 37.7

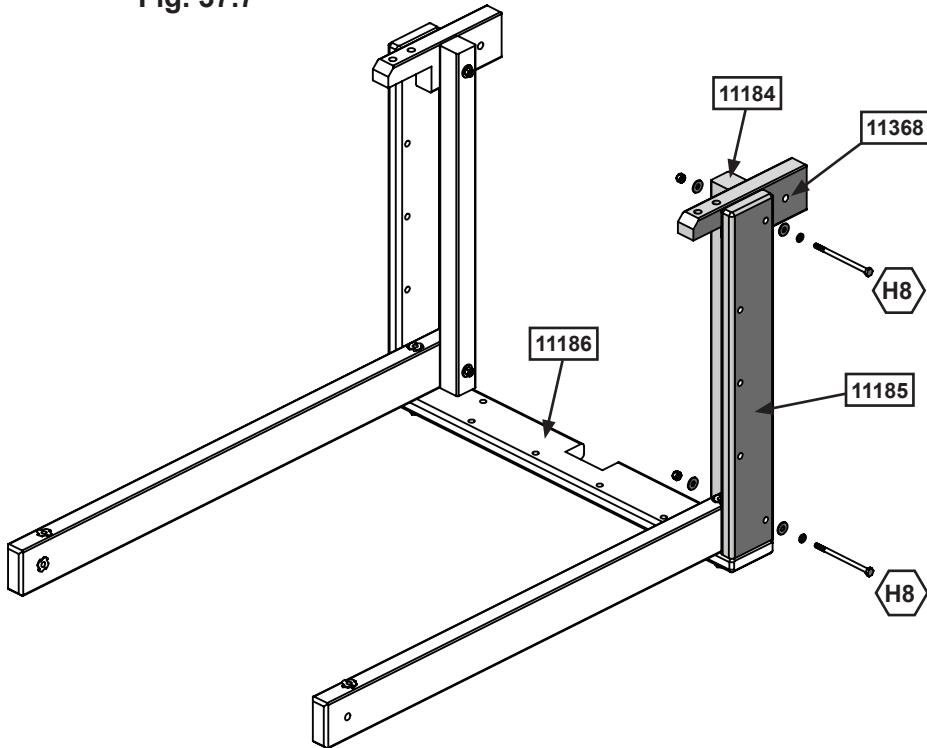
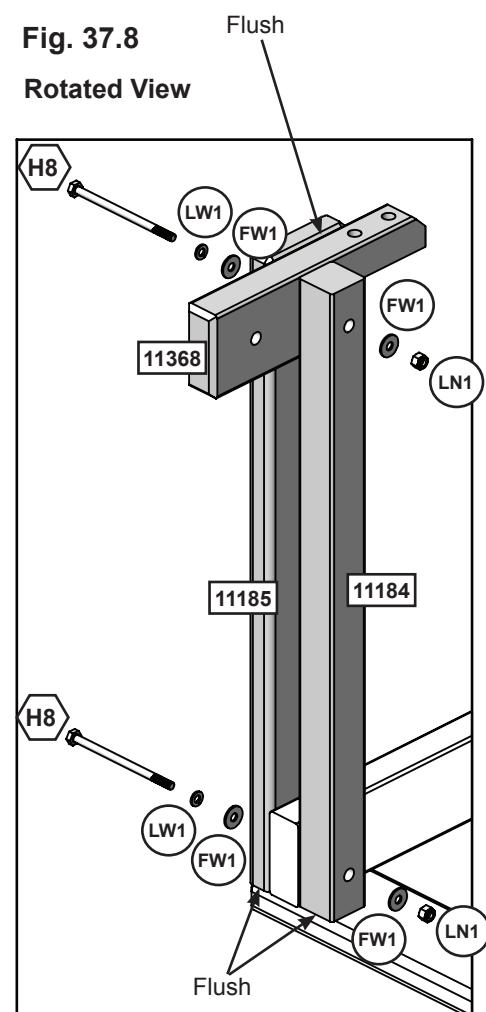


Fig. 37.8

Rotated View



Wood Parts

- 1 x **11186** Crow Nest Post A
- 1 x **11184** Crow Nest Floor Support
- 1 x **11185** Bottom Nest Top A

Hardware

- 2 x **H8** Hex Bolt (lock washer, 2 flat washer, lock nut)

Step 37: Crow's Nest Frame

Part 6



S: Flush to the edge of the (11368) Crow Nest Post A attach 1 Swing Bracket with 1 (G8) Hex Bolt (with lock washer, 2 flat washers, lock nut) per board. (fig. 37.9)

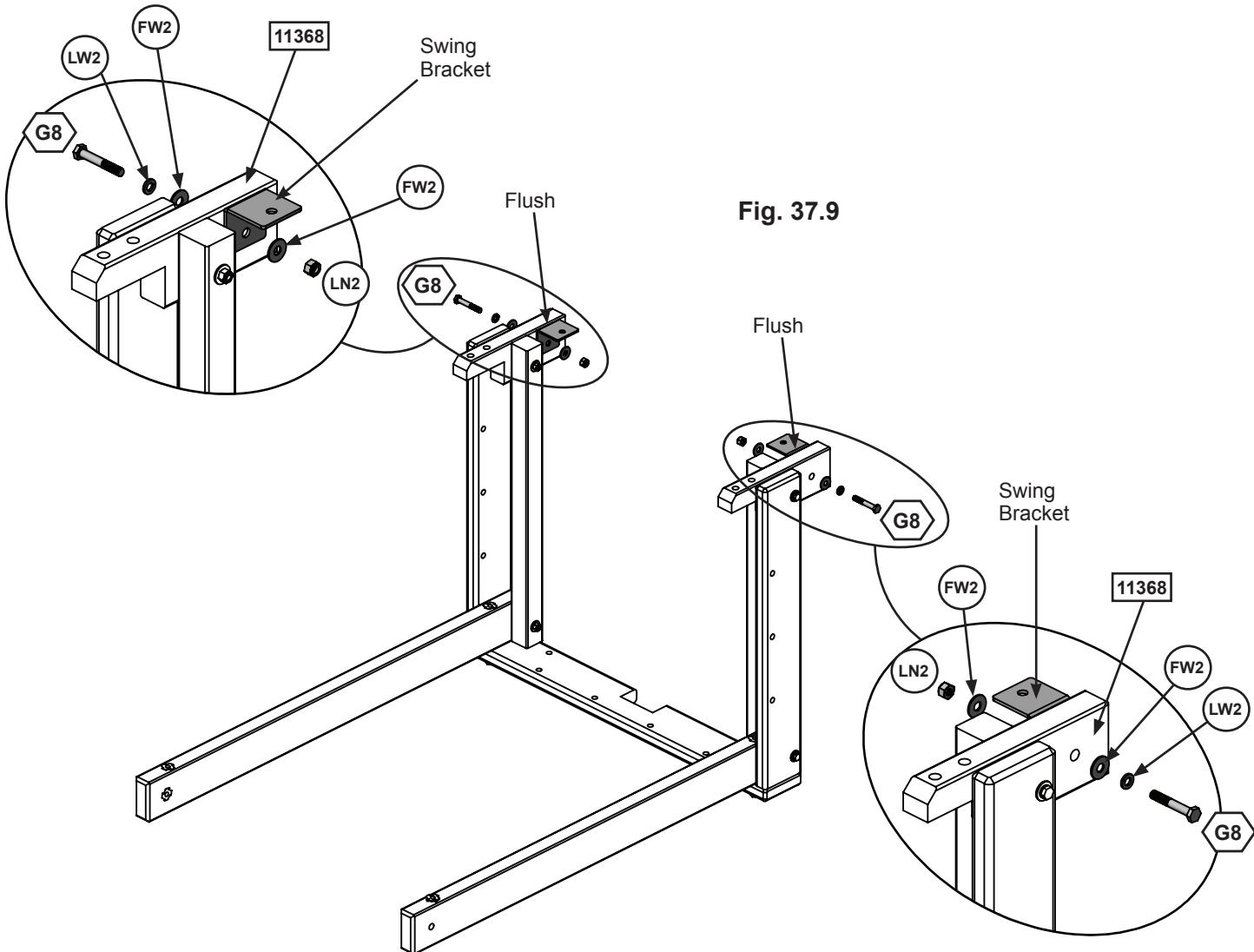


Fig. 37.9

Hardware
2 x Hex Bolt
(lock washer, 2 flat washer, lock nut)

Other Parts
2 x Swing Bracket

Step 38: Attach Crow's Nest

Part 1



A: With an adult helper and a ladder, hoist the frame over the (2614) Engineered Beam. Make sure the notch on the frame is tight to the Beam. (fig. 38.1)

B: Use 2 (11206) Crow Nest Floor B for alignment, make sure the Crow Nest frame is square. (fig. 38.4)

C: Using the swing brackets as a guide, pre-drill holes with a 1/8" (3.2mm) drill bit.

D: From outside the fort assembly attach the brackets to (2630) SW Top with 2 (WL3) Wafer Lag (with lock washer and flat washer). (fig. 38.1,38.2 and 38.3)

Fig. 38.1

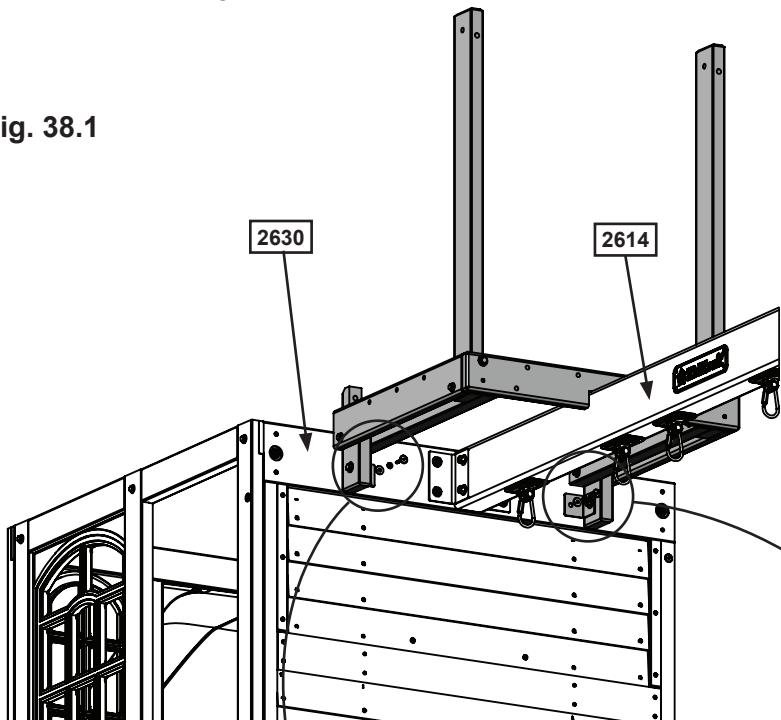


Fig. 38.4

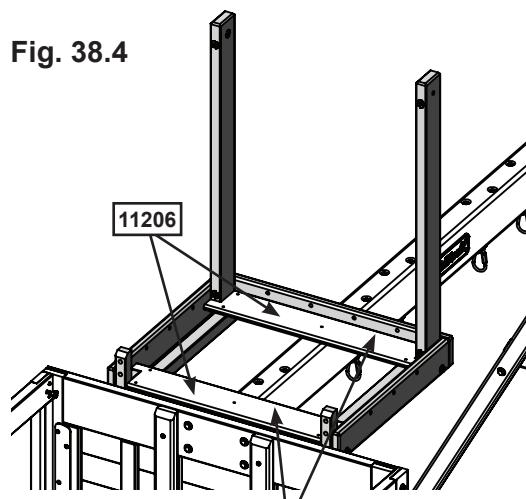


Fig. 38.2 Flush

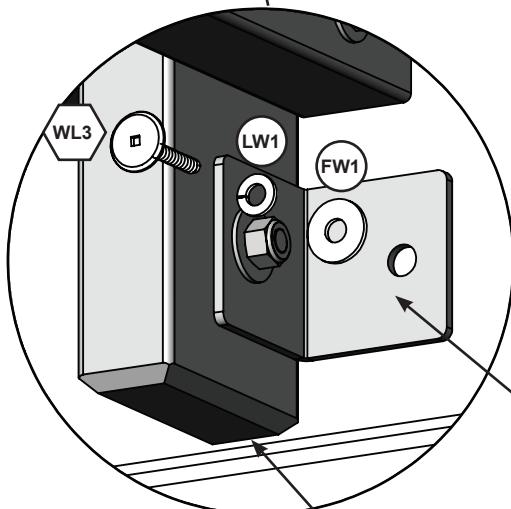
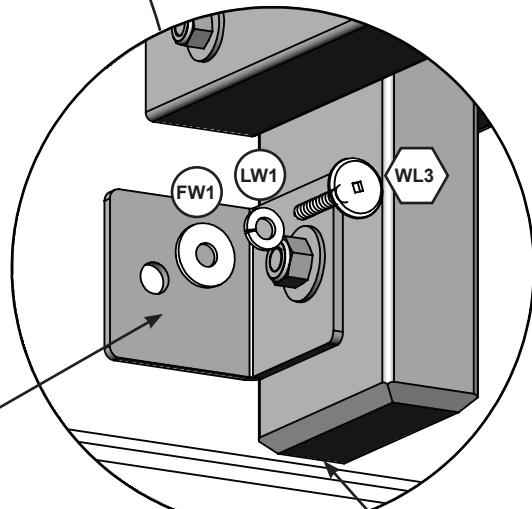


Fig. 38.3 Flush

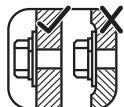


Wood Parts
2 x **11206** Crow Nest Floor B

Hardware
2 x **WL3** Wafer Lag (lock washer & flat washer)

Step 38: Attach Crow's Nest

Part 2



E: Place the (11194) Nest Post tight against the (11186) Bottom Nest Top B and level with the (2614) Engineered Beam. (fig. 38.5, 38.6)

F: Align the outermost holes to the corresponding holes on (11186) Bottom Nest Top B and attach 1 (G9) Hex Bolt (with lock washer, 2 flat washers, and lock nut) per board. (fig. 38.6)

Fig. 38.5

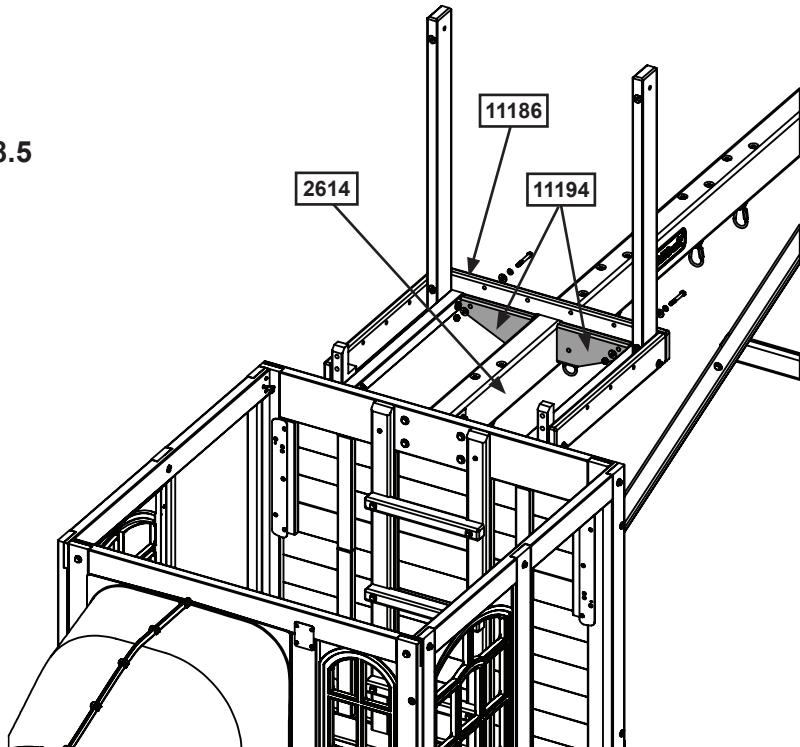
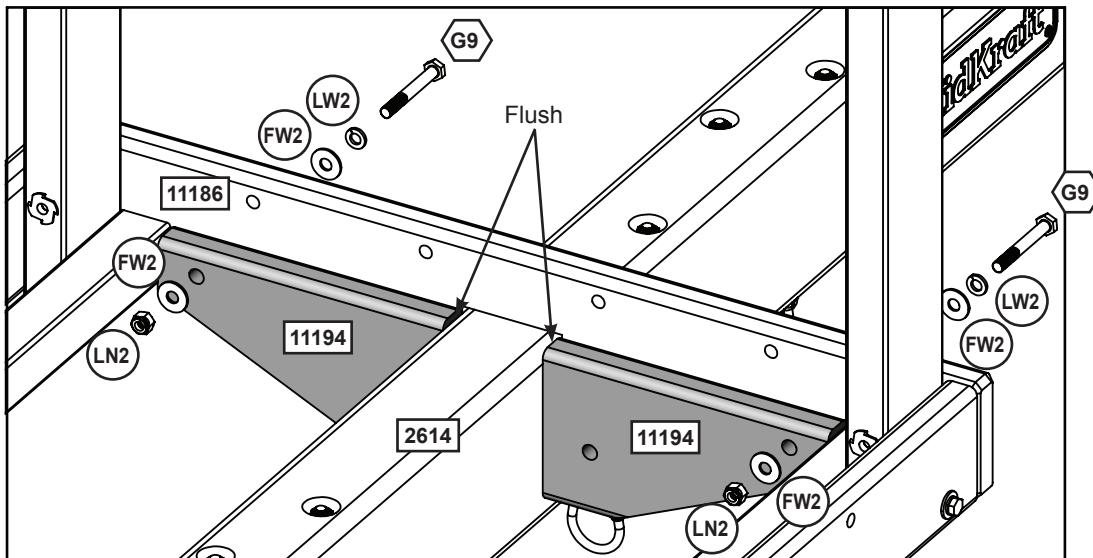


Fig. 38.6



Wood Parts

2 x 11194 Nest post

Hardware

2 x G9 Hex Bolt (lock washer, 2 flat washers, lock nut)

Step 38: Attach Crow's Nest

Part 3



G: Align 2 Swing Brackets with their corresponding hole on the (11194) Nest Post. Make sure the brackets are square and tight to the (2614) Engineered Beam. Fasten with 2 (G27) Hex Bolts (with lock washer, 2 flat washers, and lock nut). (fig. 38.7 and 38.8)

Fig. 38.7

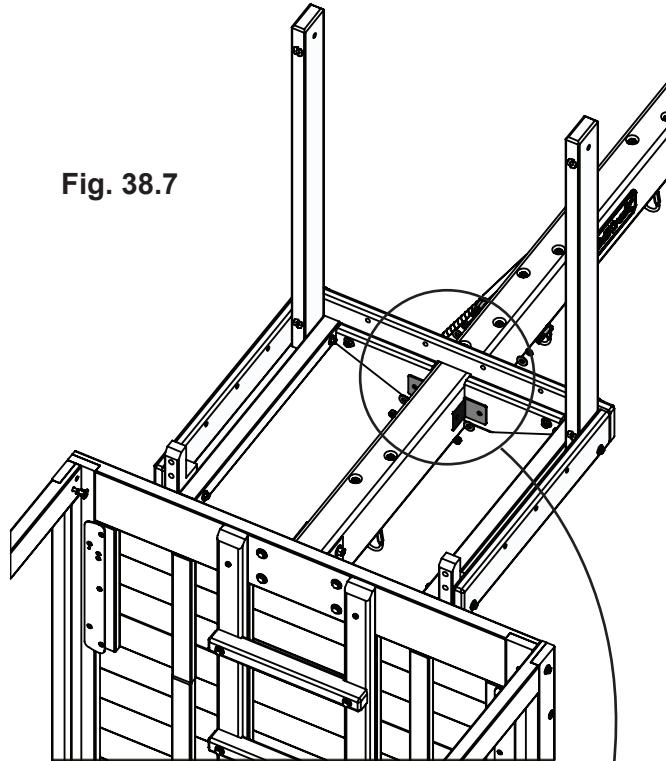
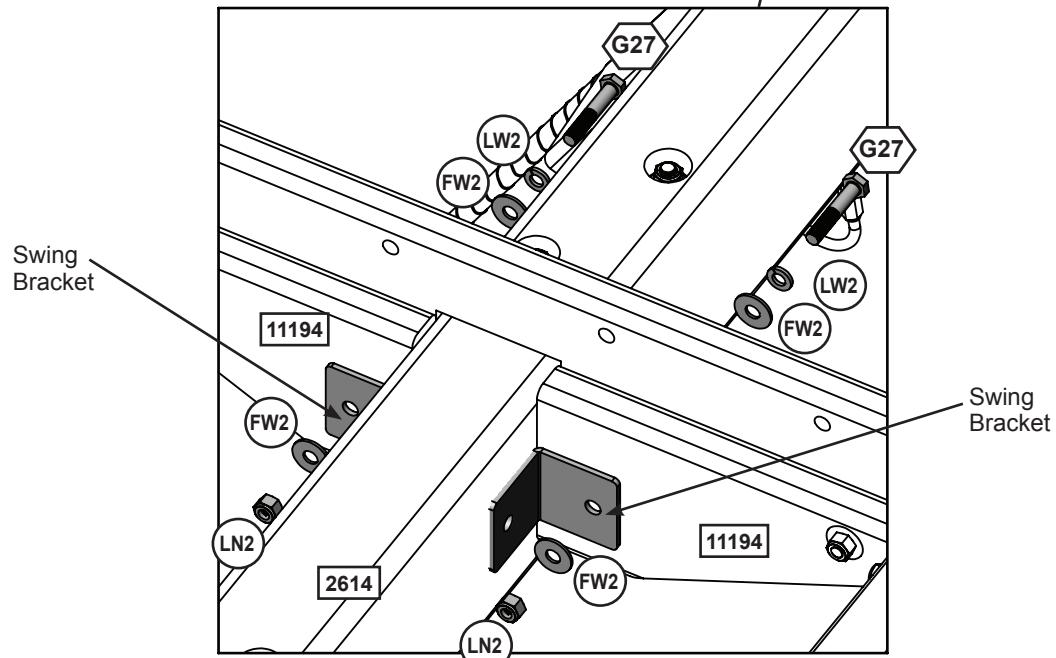


Fig. 38.8



Hardware

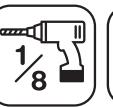
2 x Hex Bolt (lock washer, 2 flat washer, lock nut)

Other Parts

2 x Swing Bracket

Step 38: Attach Crow's Nest

Part 4



H: On the front and back of the (2614) Engineered Beam predrill holes using the Swing Bracket as a guide and a 1/8" (3.2mm) drill bit. Ensure the holes are 1" (25.4mm) deep and that the brackets are square to the Beam. (fig. 38.9)

I: Fasten the Brackets to the Beam with 1 (WL3) Wafer Lag (with lock washer and flat washer) per side. (fig. 38.10)

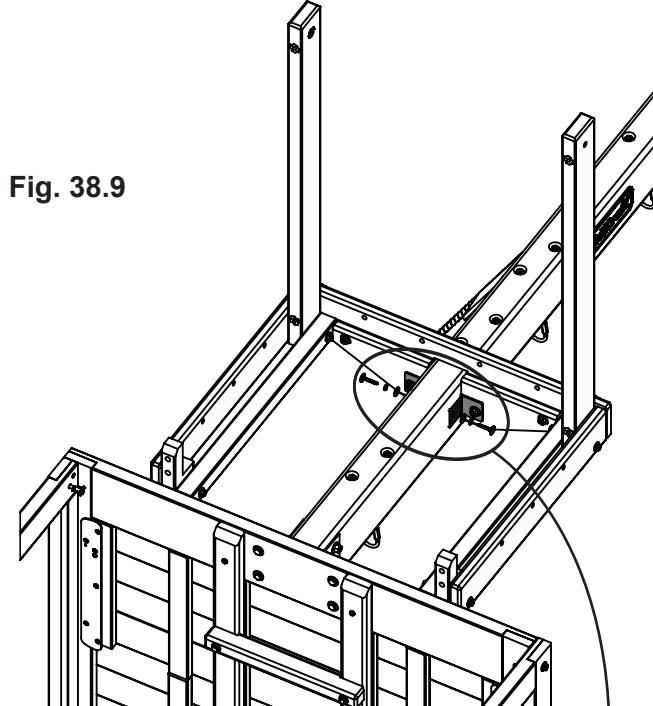
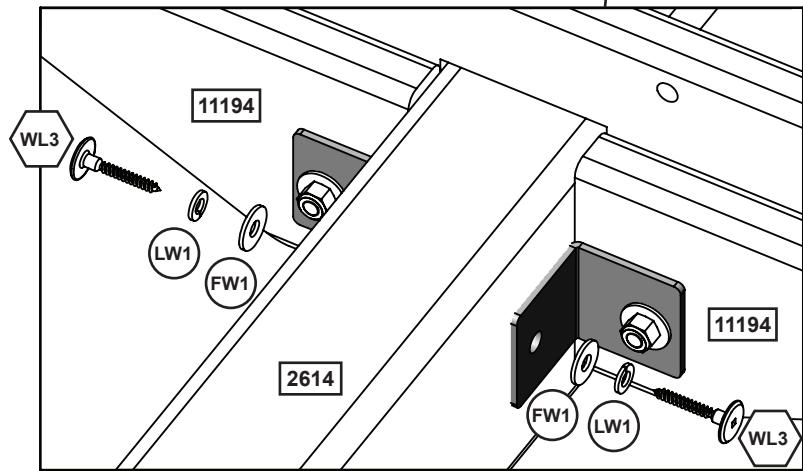


Fig. 38.9

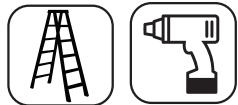


Hardware

2 x Wafer Lag (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 1



A: Place (11206) Crow Nest Floor B on the (11184) Crow Nest Floor Support and tight against (11186) Bottom Nest Top B. (fig. 39.1, 39.2)

B: Attach the floorboard to the Boards and Beam with 5 (S20) Wood Screws. (fig. 39.2)

Fig. 39.1

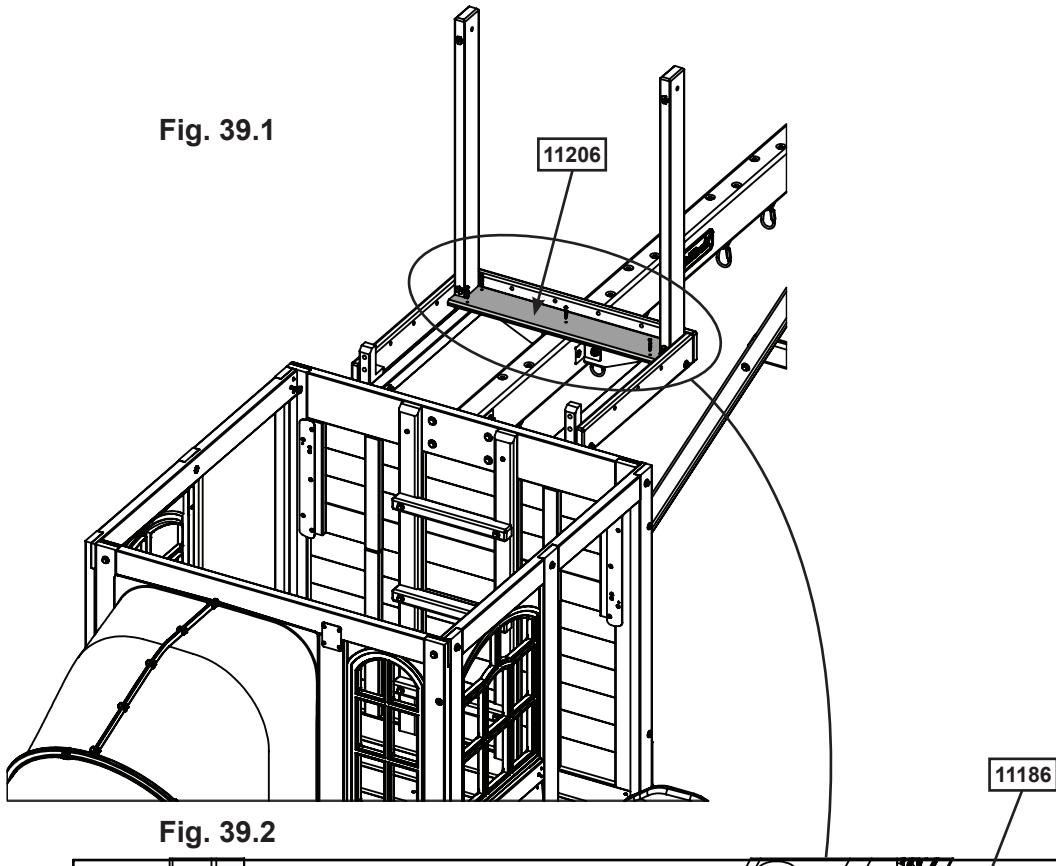
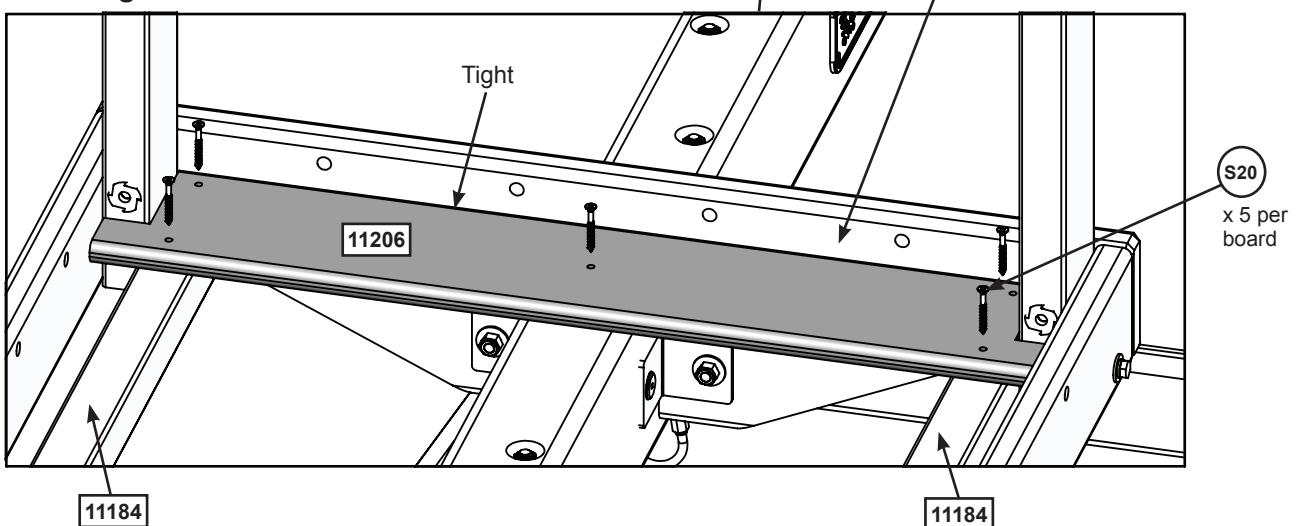


Fig. 39.2

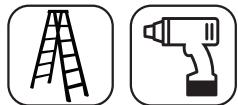


Hardware

5 x **S20** Wood Screw

Step 39: Crow's Nest Assembly

Part 2



C: Place 3 (11205) Crow Nest Floor A on the (11184) Crow Nest Floor Support. (fig. 39.3 and 39.4)

D: Place (11206) Crow Nest Floor B on the (11184) Crow Nest Floor Support and tight against (11368) Crow Nest Post A. (fig. 39.3 and 39.4)

E: Evenly space the floorboards then fasten with 5 (S20) Wood Screws per board. (fig. 39.4)

F: Place the (11377) Platform Floor Support on (2630) SW Top, flush to the inside of the fort assembly. Attach with 3 (S20) Wood Screws. (fig. 39.4)

Fig. 39.3

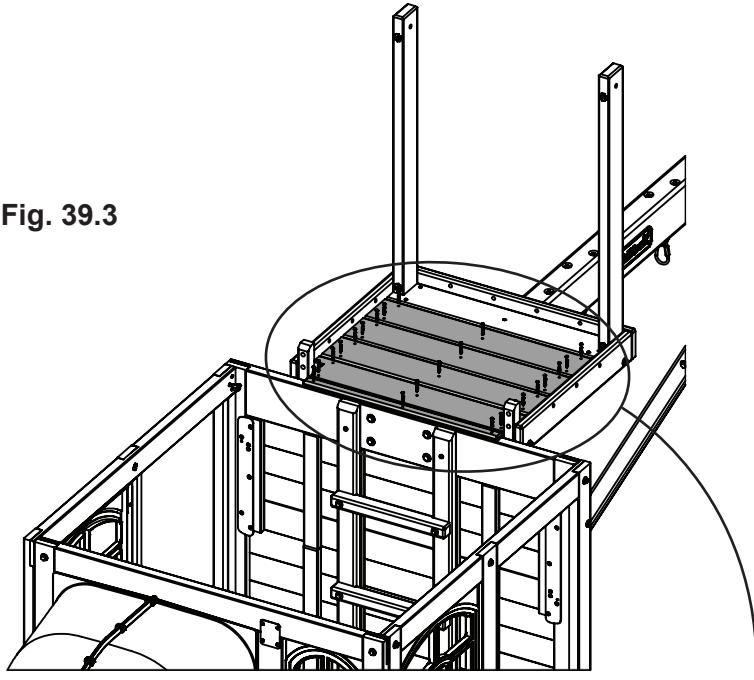
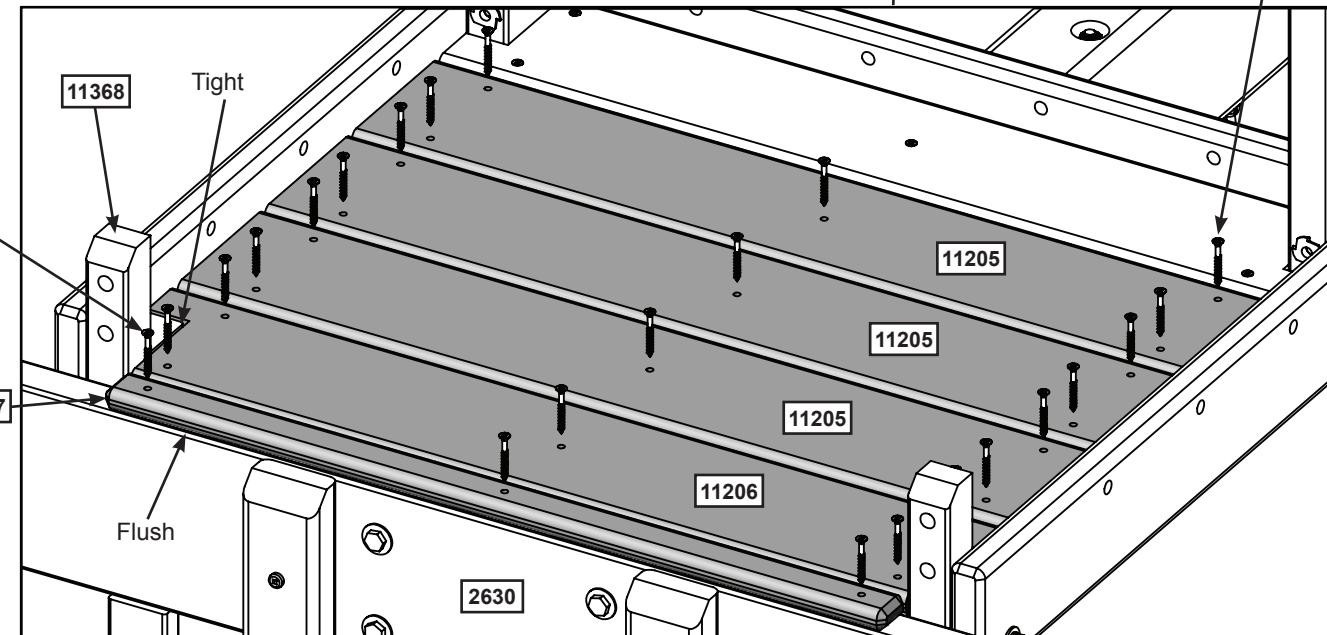


Fig. 39.4

S20 x 5 per board



Wood Parts

3 x 11205 Crow Nest Floor A
1 x 11377 Platform Floor Support

Hardware

23 x S20 Wood Screw

Step 39: Crow's Nest Assembly

Part 3



G: Place the (11370) Platform Post A tight against (11185) Bottom Nest Top A and (11368) Crow Nest Post A. Attach with 2 (H8) Hex Bolts (with lock washer and flat washer) connecting to previously installed t-nuts per board. (fig. 39.5 and 39.6)

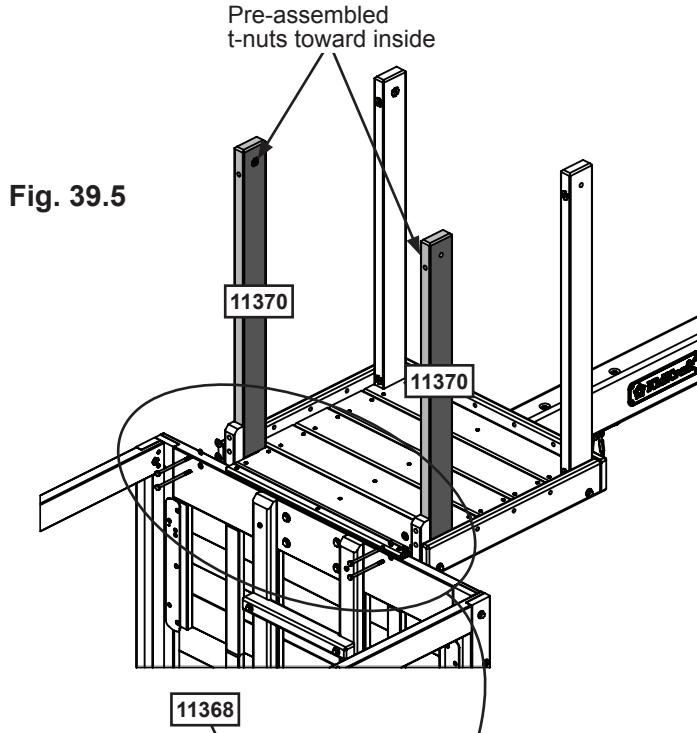
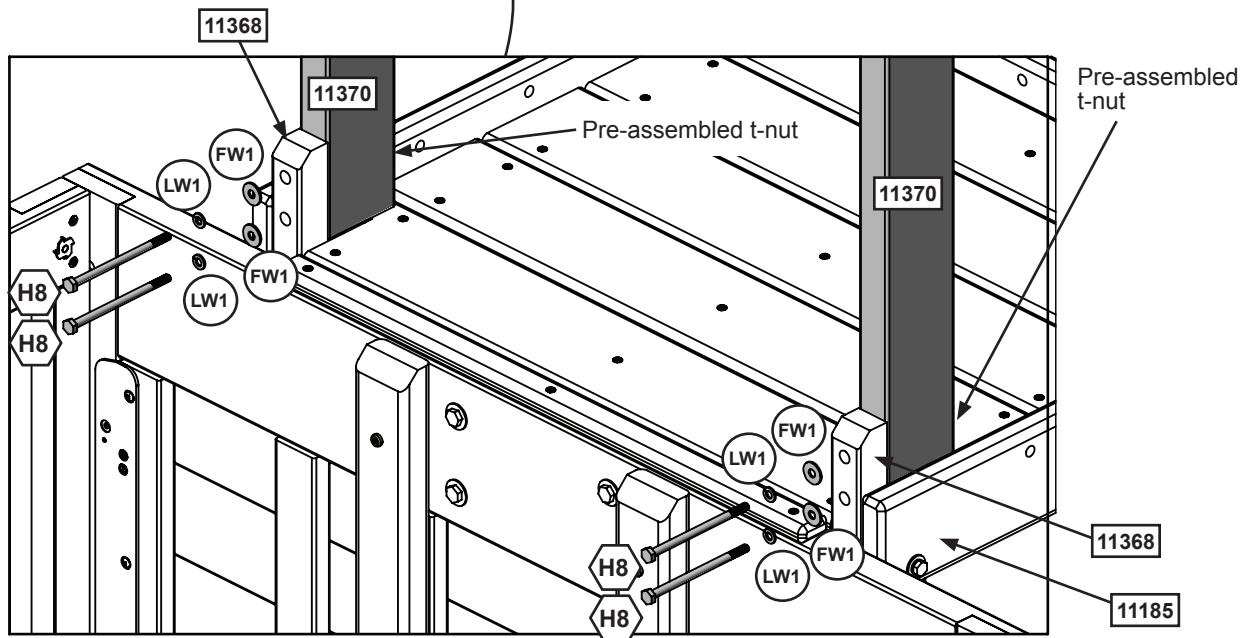


Fig. 39.5

Fig. 39.6



Hardware
4 x Hex Bolt (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 4



H: Place 2 (11369) Crow Nest Top A boards on the outsides of the Crow's Nest Frame Posts. Ensure the top edges are flush with the top of the Posts. Ensure the edges are flush with (11183) Crow Nest Post B. (fig. 39.7)

I: Attach each board with 2 (H10) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 39.8)

Fig. 39.7

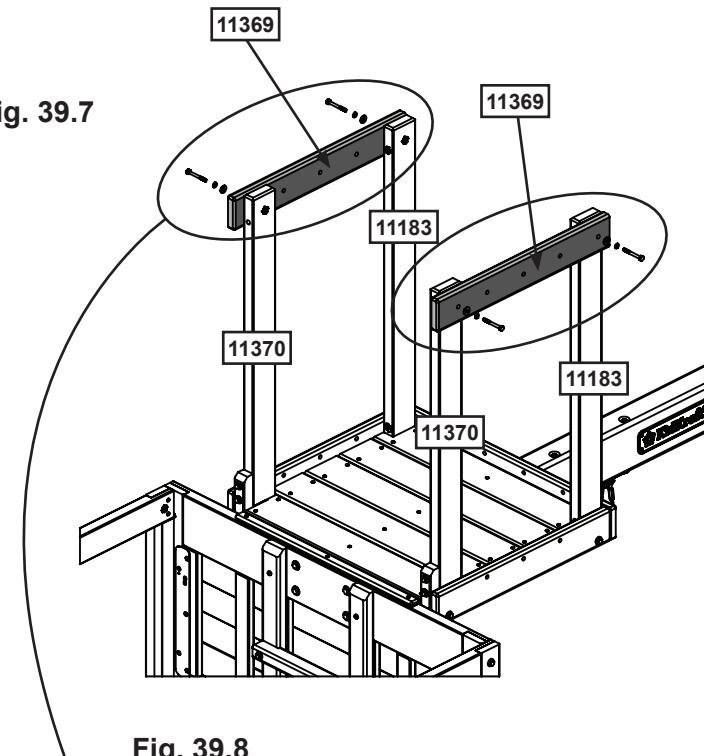
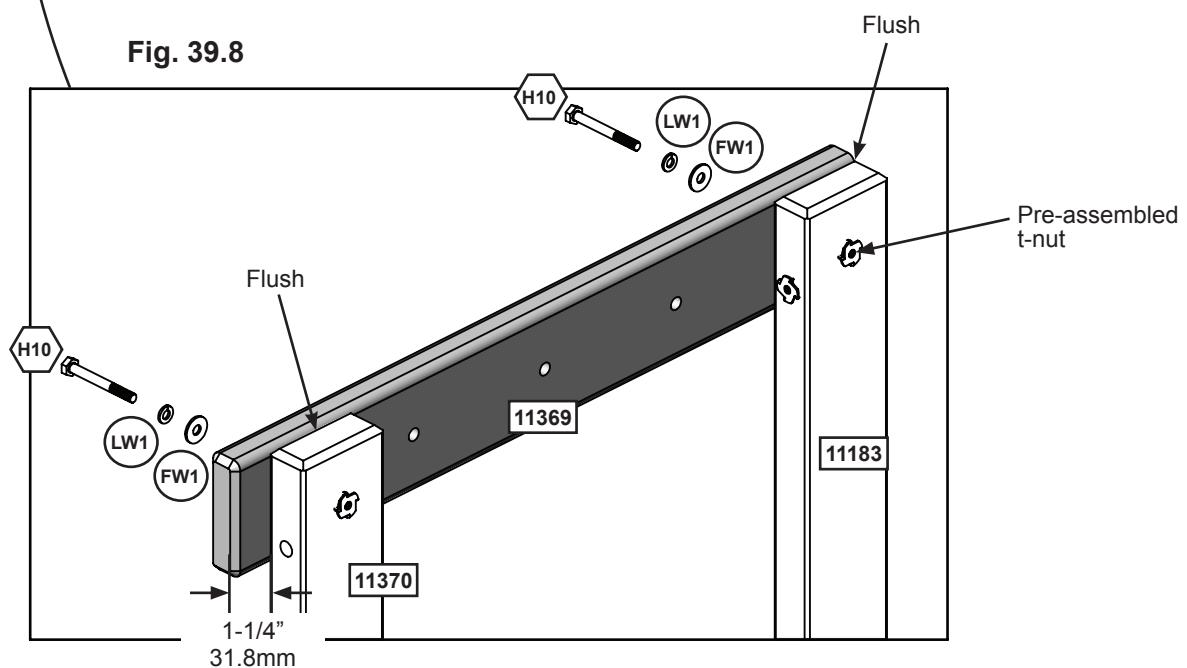


Fig. 39.8



Wood Parts

2 x 11369 Crow Nest Top A

Hardware

4 x H10 Hex Bolt (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 5



J: Place (11190) Crow Nest Top B on the outside of (11183) Crow Nest Post B making sure the top edges are flush. Ensure the side edges are flush with (11369) Crow Nest Top A. (fig. 39.9 and 39.10)

K: Attach with 2 (G4) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 39.10)

Fig. 39.9

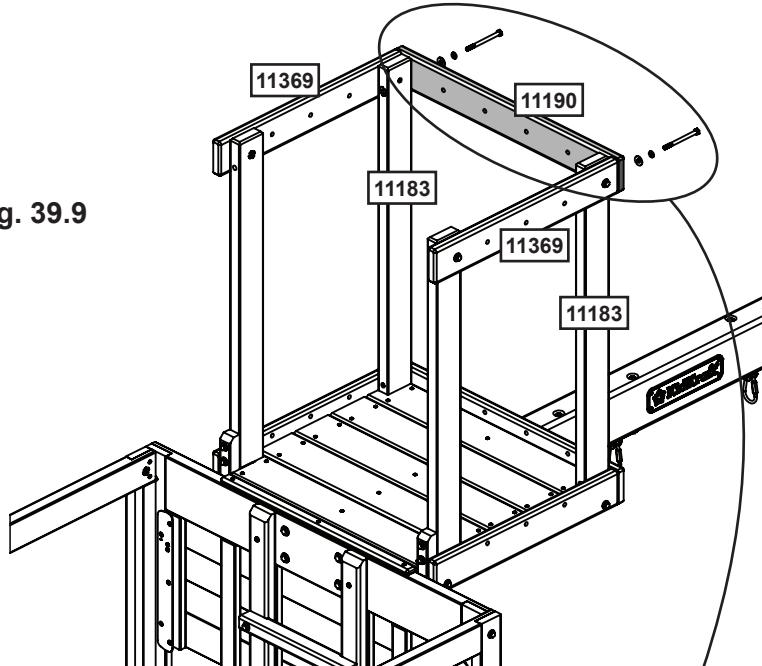
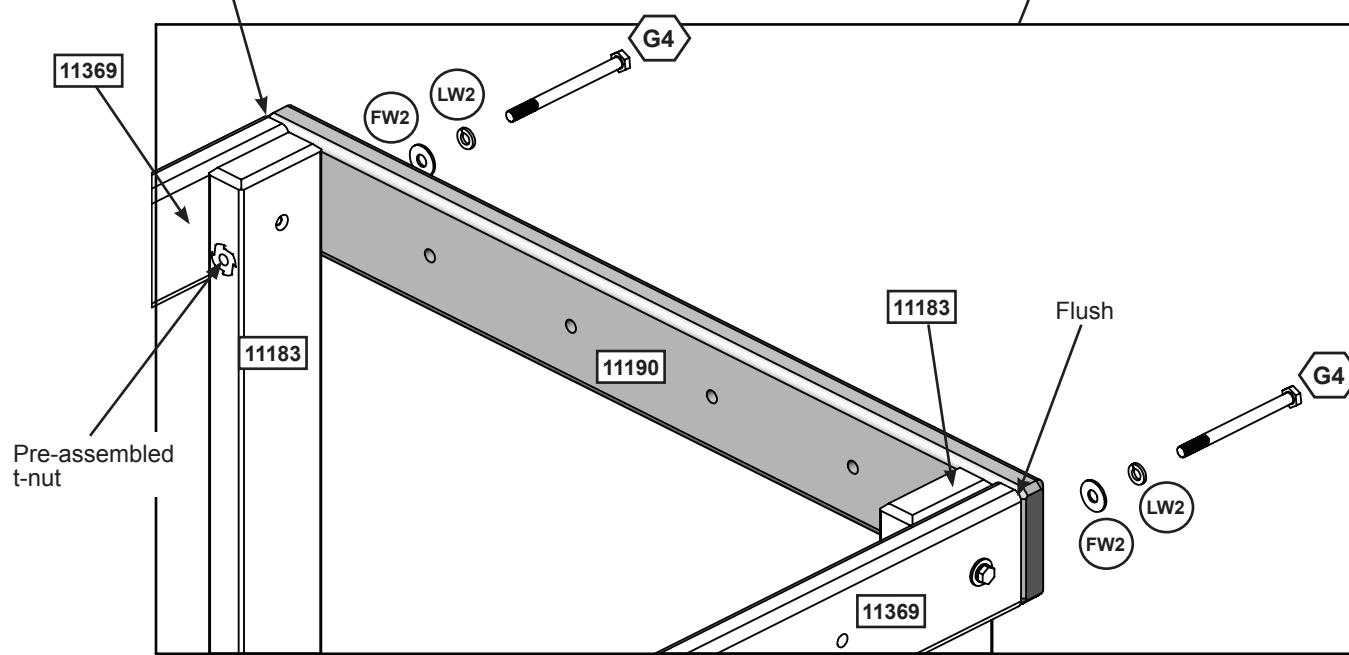


Fig. 39.10



Wood Parts

1 x 11190 Crow Nest Top B

Hardware

2 x G4 Hex Bolt (lock washer, flat washer)

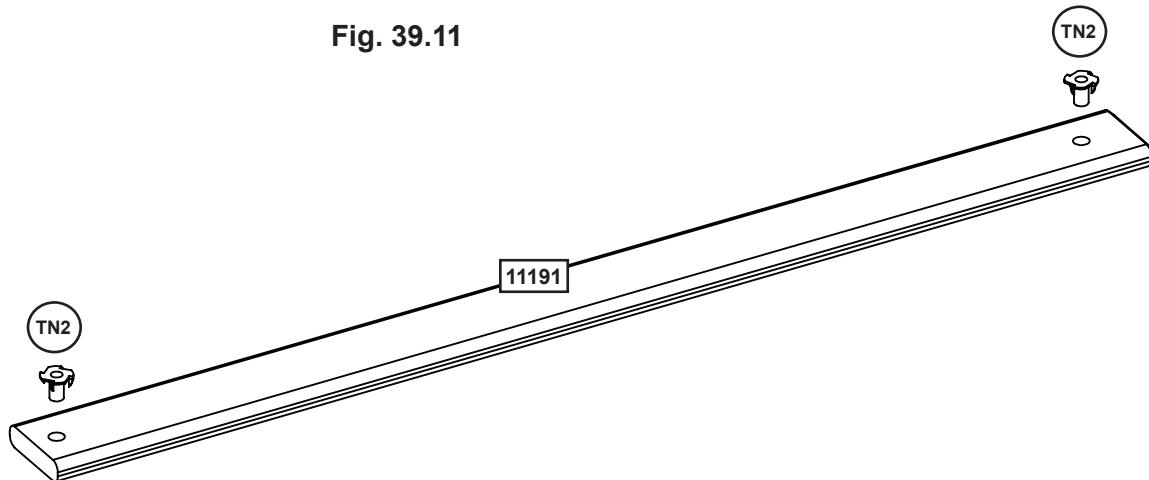
Step 39: Crow's Nest Assembly

Part 6



L: Place 1 (11191) Top Fence on a hard, flat surface. Tap 2 (TN2) T-nuts into each hole. Repeat for the other 9 (11191) Top Fence. (fig. 39.11)

Fig. 39.11



Wood Parts

10 x 11191 Top Fence

Hardware

20 x TN2 T-nut

Step 39: Crow's Nest Assembly

Part 7



M: Attach 3 (11191) Top Fence to the inside of the crow's nest with 2 (G27) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts per board. (fig. 39.12 and 39.13)

Fig. 39.12

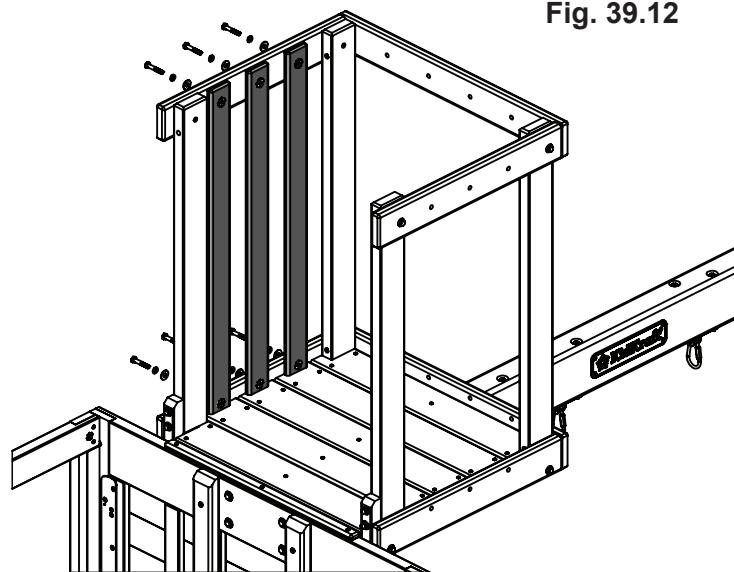
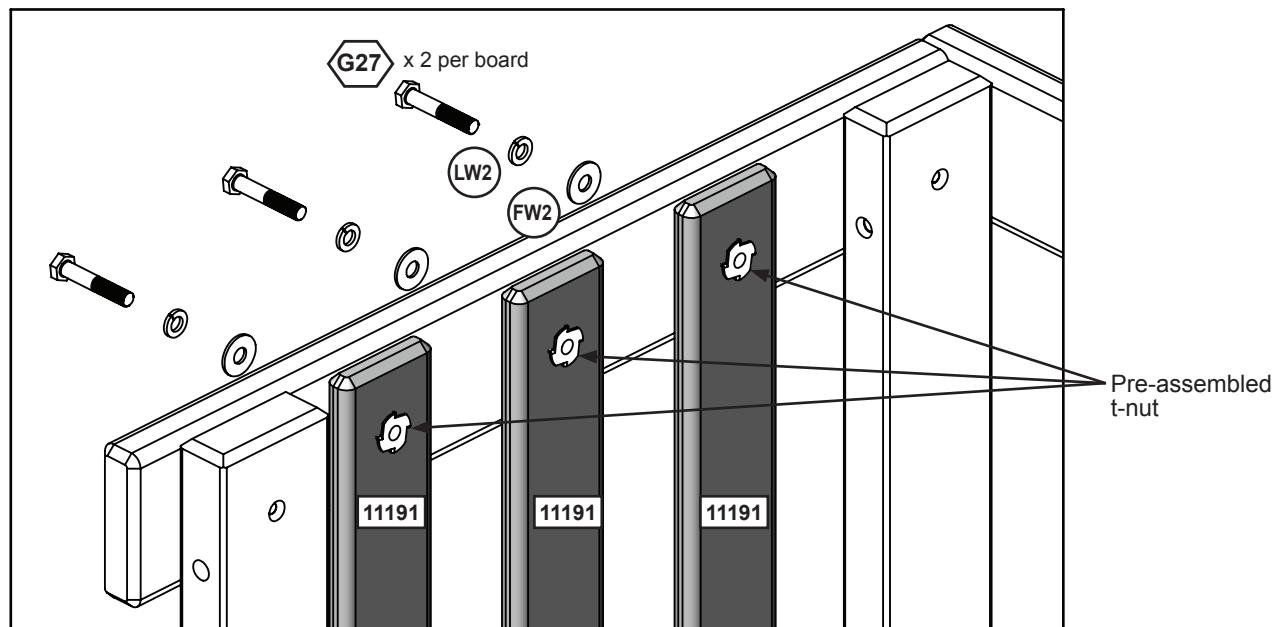


Fig. 39.13



Hardware

6 x Hex Bolt (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 8



N: Attach 4 (11191) Top Fence to the inside of the crow's nest with 2 (G27) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts per board. (fig. 39.14 and 39.15)

Fig. 39.14

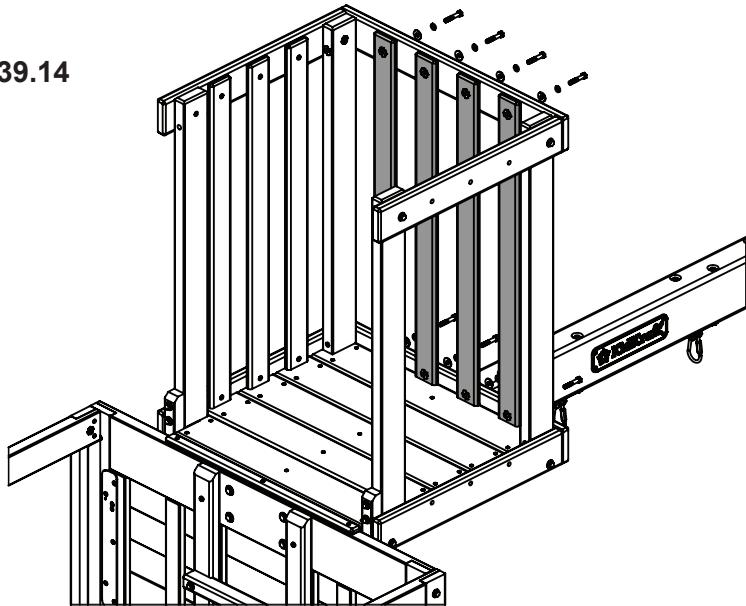
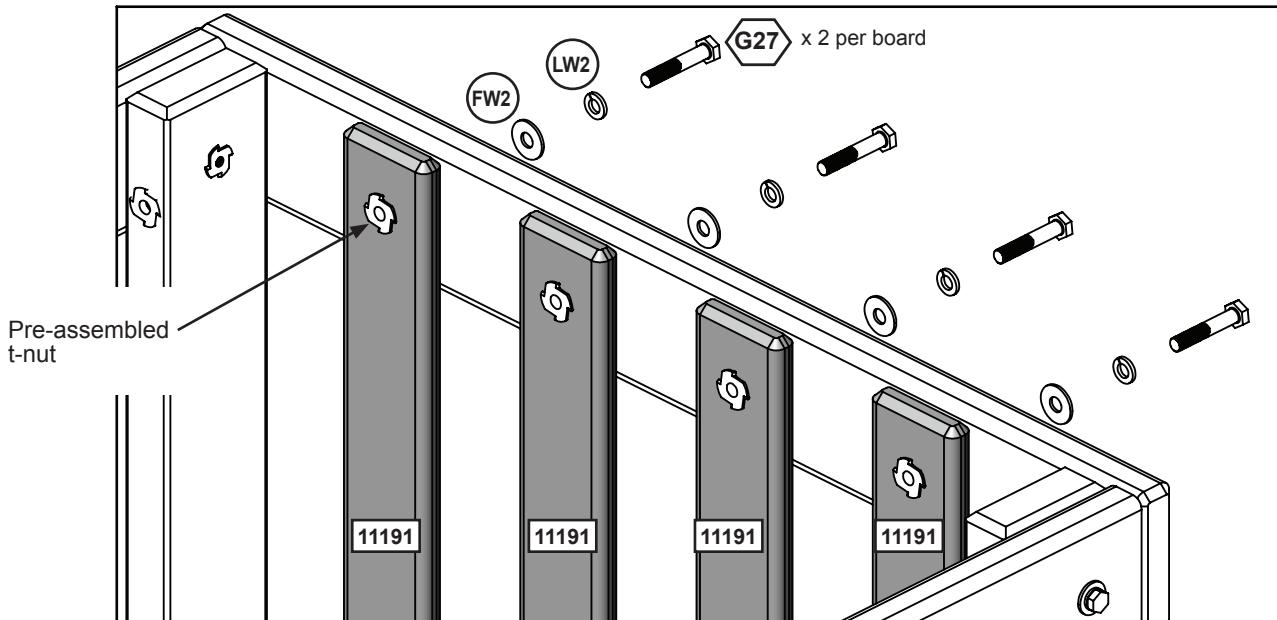


Fig. 39.15



Hardware

8 x  Hex Bolt (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 9



O: Attach 3 (11191) Top Fence to the inside of the crow's nest with 2 (G27) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts per board. (fig. 39.16 and 39.17)

Fig. 39.16

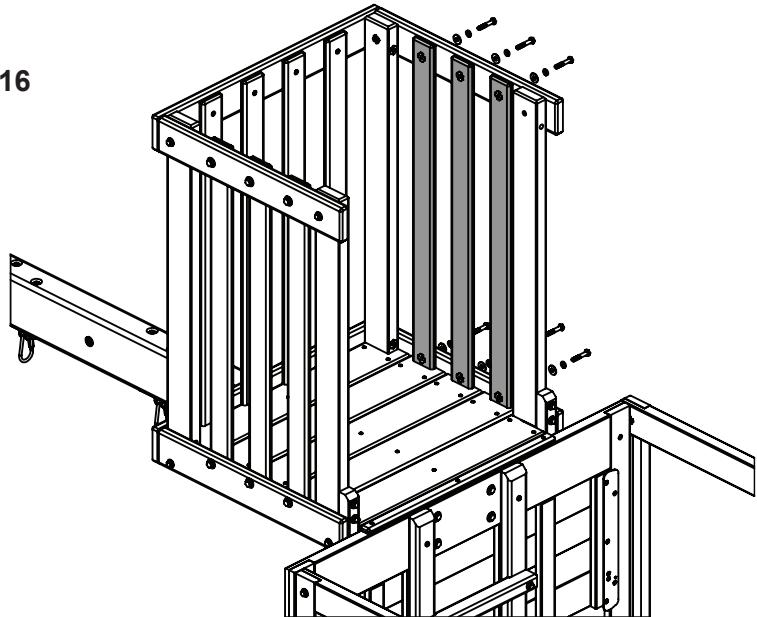
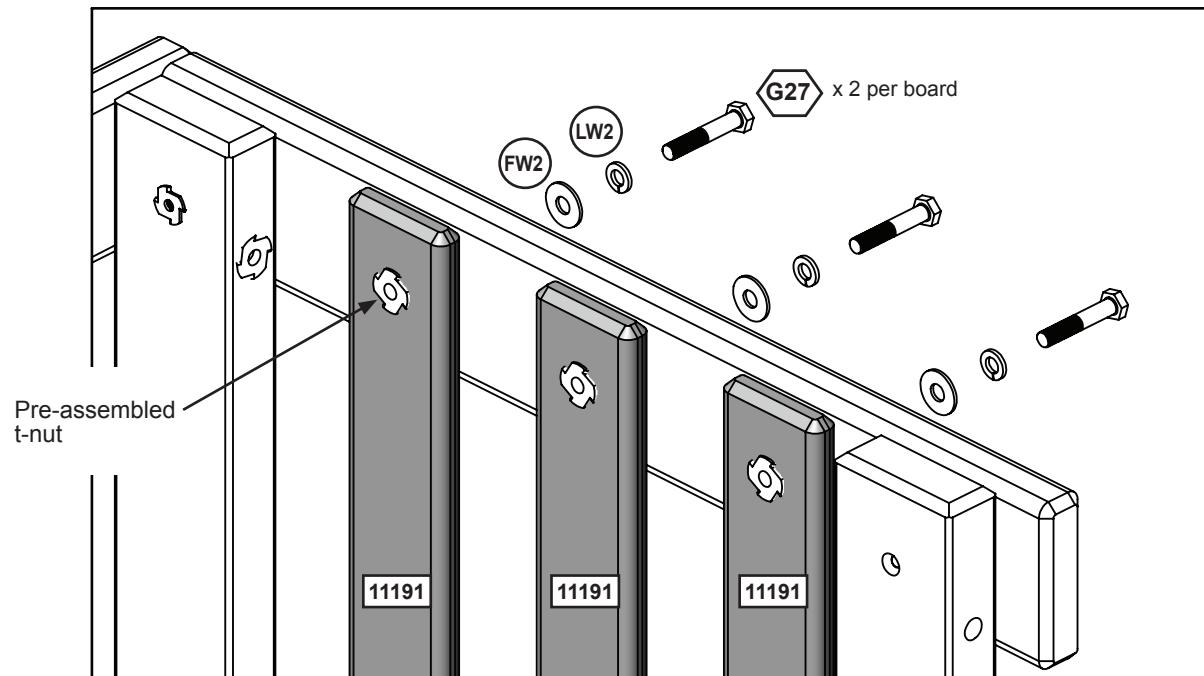


Fig. 39.17



Hardware

6 x Hex Bolt (lock washer, flat washer)

Step 39: Crow's Nest Assembly

Part 10



P: Place 1 Hand Grip centered on the inside of each (11370) Platform Post A and 6" (152.4mm) above the floorboards. (fig. 39.19)

Q: Predrill holes using the Hand Grip as a guide and a 1/8" (3.2mm) drill bit. Ensure the holes are 1" (25.4mm) deep.

R: Fasten the Hand Grips with 2 (WL3) Wafer Lags per grip. (fig. 39.18 and 39.19)

Fig. 39.18

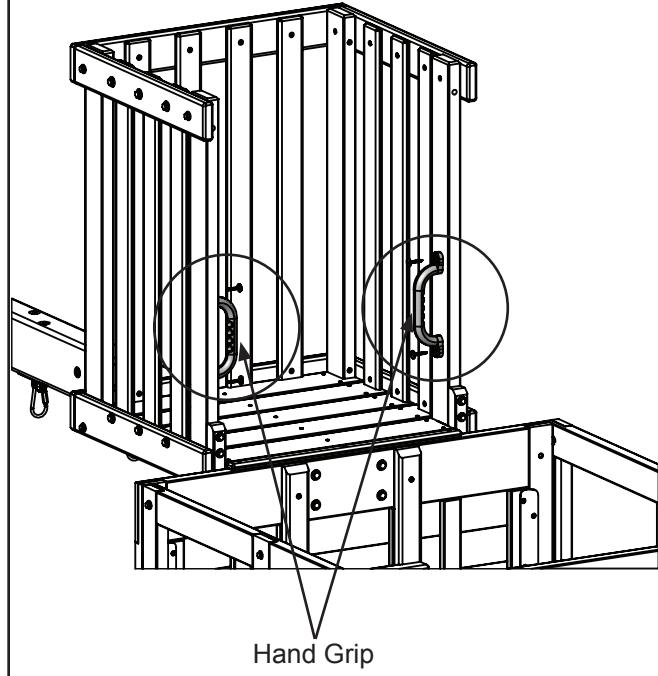
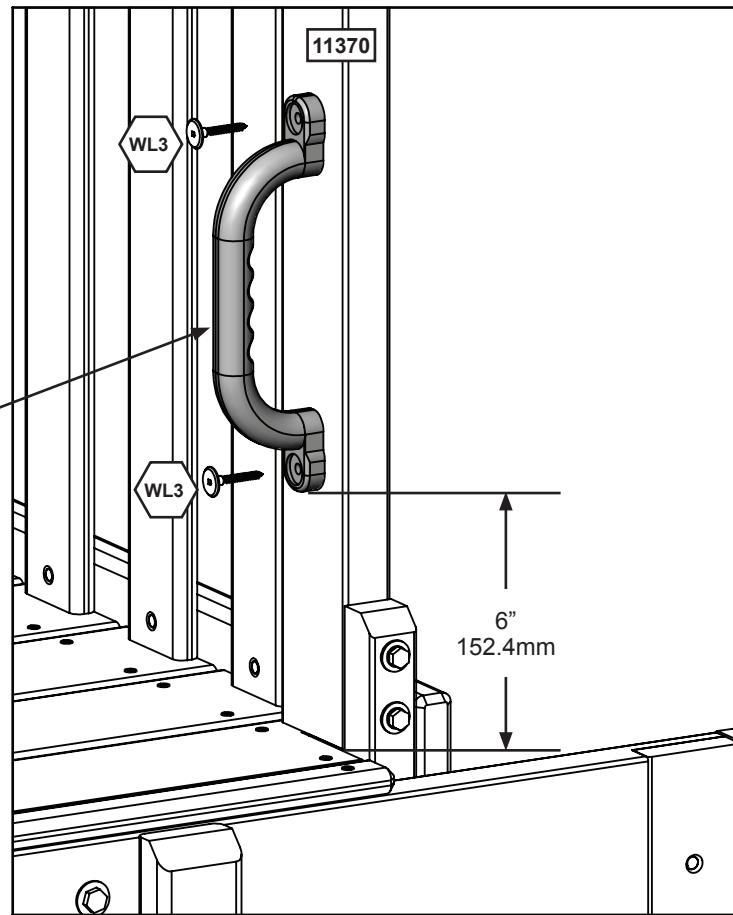


Fig. 39.19



Hardware
4 x Wafer Lag

Other Parts
2 x Hand Grip

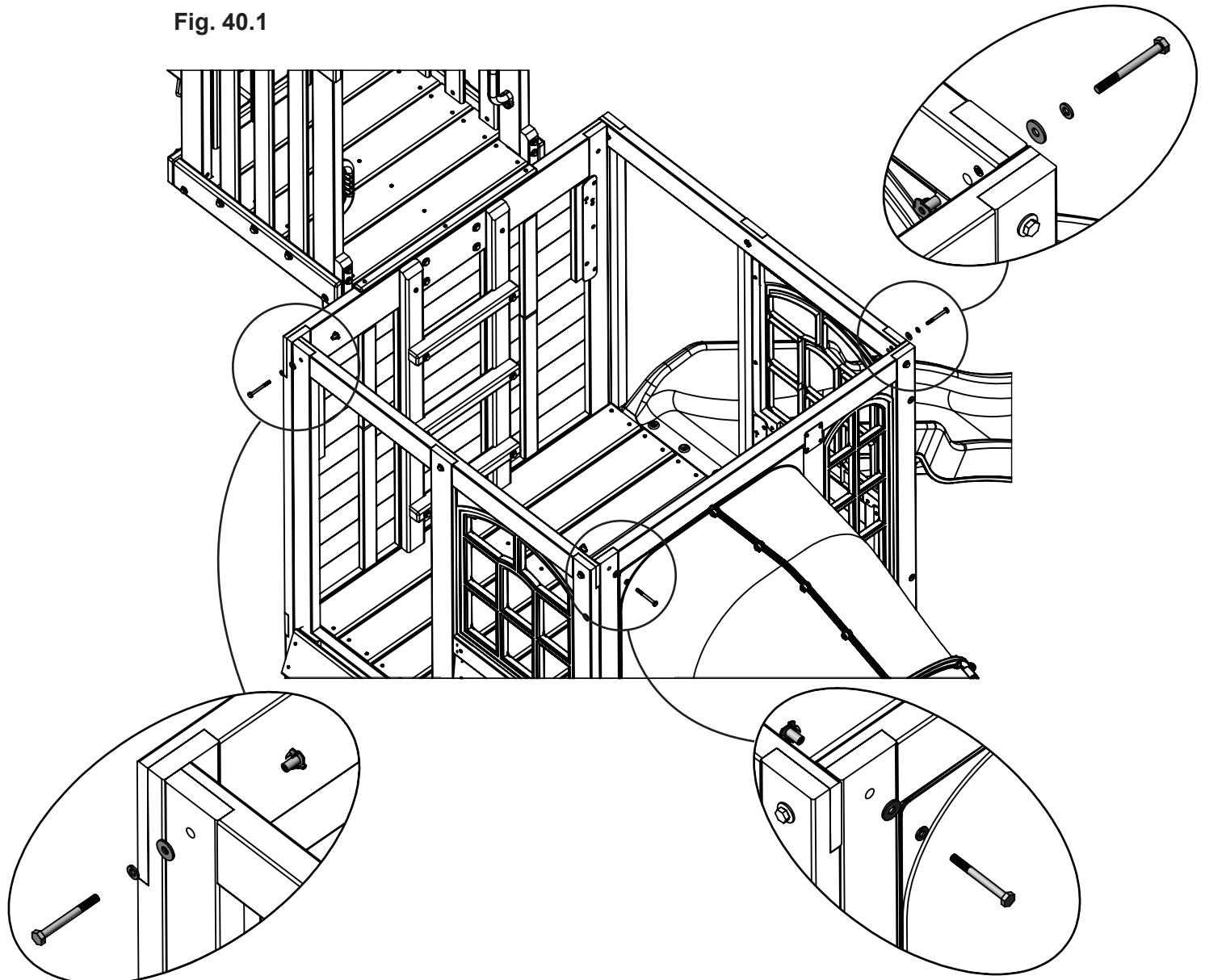
Step 40: Roof Attachment Prep

Part 1



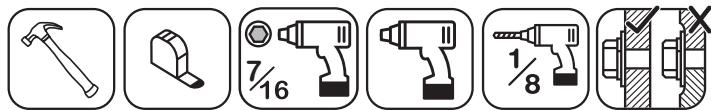
A: Remove the indicated hardware. It will no longer be used and can be discarded. (fig. 40.1)

Fig. 40.1



Step 40: Roof Attachment Prep

Part 2



B: Place 1 (11376) Short Post tightly against the Swing Wall at the corner where it meets the Front Wall as shown on fig. 40.4. Ensure the bottom of Short Post is 3" (76.2mm) below the top of the Swing Wall. Note the larger hole on Short Post is located toward the bottom. Note countersink orientation.

C: Predrill hole using the (11376) Short Post as a guide and a 1/8" (3.2mm) drill bit. Ensure the hole is 1" (25.4mm) deep.

D: Attach the (11376) Short Post to the Swing Wall with 1 (WL5) Wafer Lag (with lock washer and flat washer). (fig. 40.4)

E: Place the other 3 (11376) Short Post at the remaining corners of the fort, making sure to align the large hole with the holes where the hardware was removed in the previous step. Note countersink orientation. (fig. 40.2 and 40.3)

F: Attach the other 3 (11376) Short Post with 1 (H3) Hex Bolt (with lock washer, flat washer and t-nut) per board. (fig. 40.2 and 40.3)

Fig. 40.2

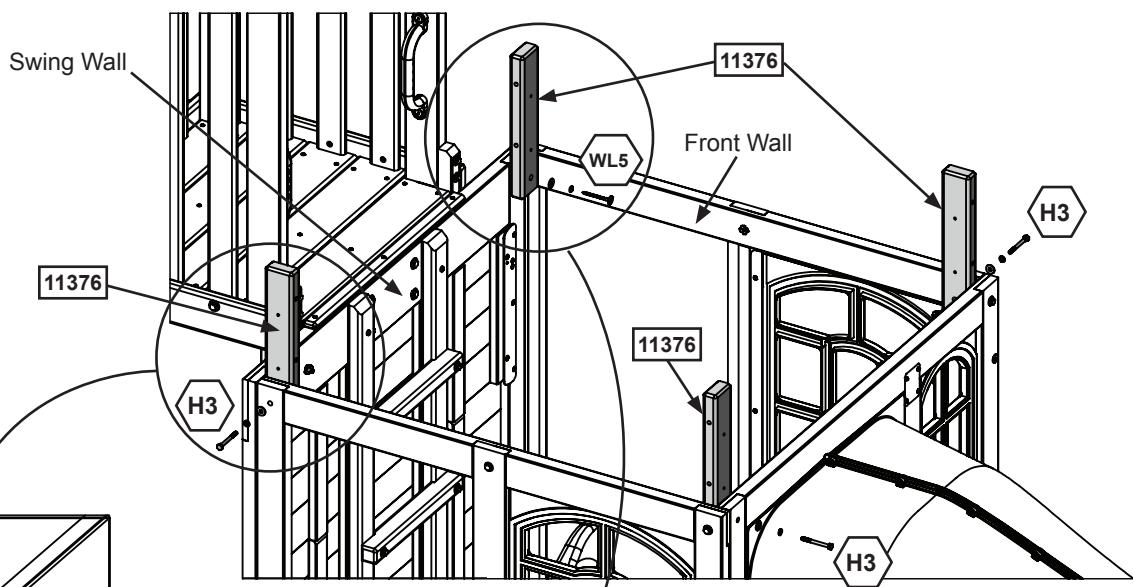


Fig. 40.3

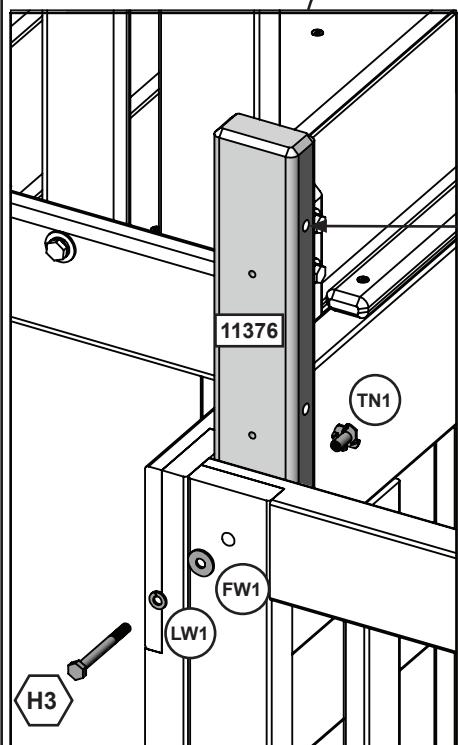
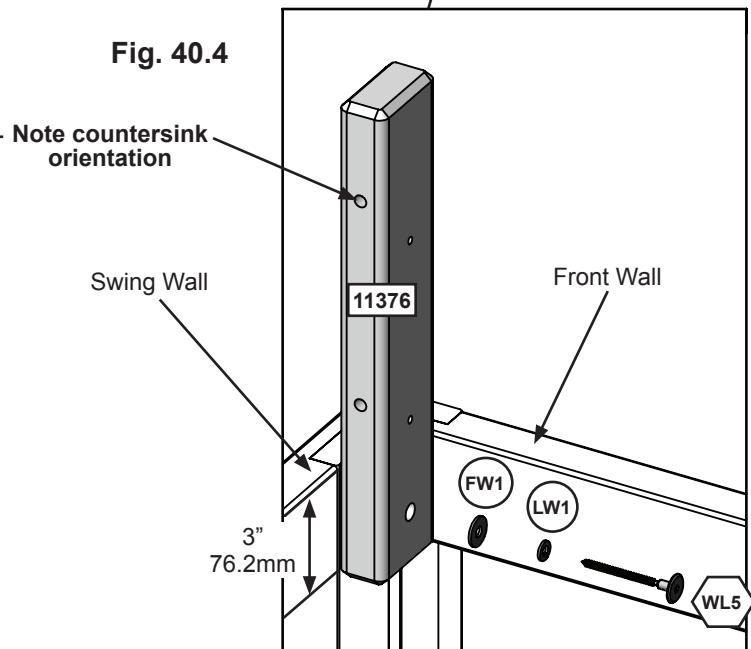


Fig. 40.4



Wood Parts

4 x **11376** Short Post

Hardware

1 x **WL5** Wafer Lag (lock washer, flat washer)

3 x **H3** Hex Bolts (lock washer, flat washer, t-nut)

Step 40: Roof Attachment Prep

Part 3



G: Place 4 (11375) Roof Bottom Post flush to the (11376) Short Post from the previous step. (fig. 40.5, 40.6 and 40.7)

H: At the corners where the parts stack, fasten 2 (S11) Wood Screws from (11376) Short Post into (11375) Roof Bottom Post per board. (fig. 40.7)

I: At the locations where the parts make a 90° corner, fasten 2 (S4) Wood Screws from (11376) Short Post into (11375) Roof Bottom Post per board. (fig. 40.6)

Fig. 40.5

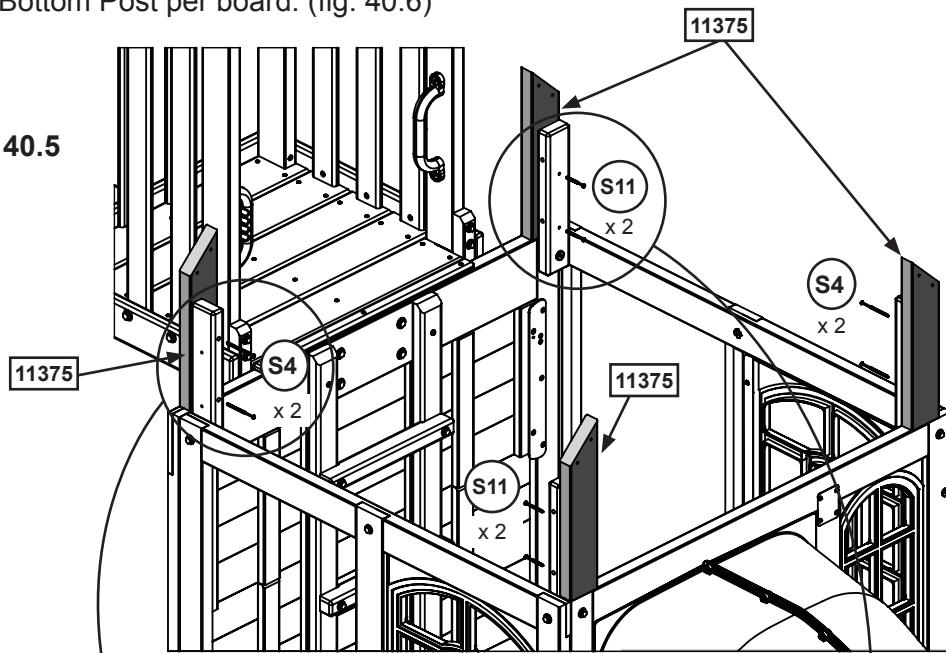


Fig. 40.6

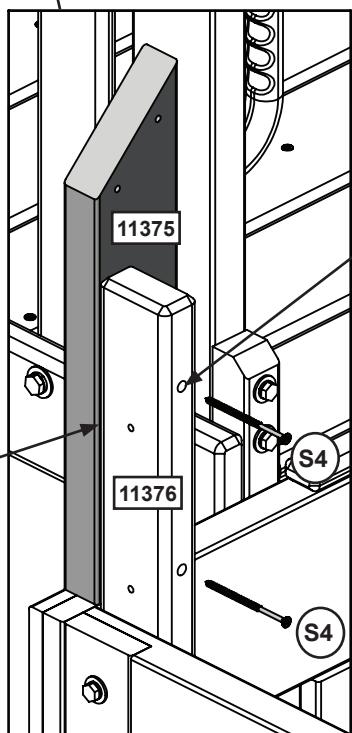
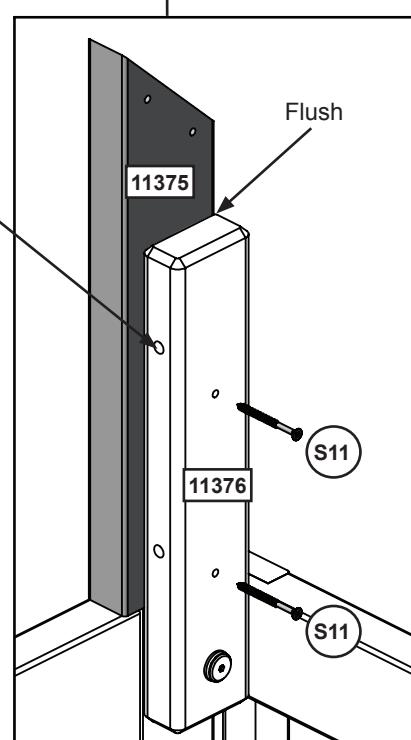


Fig. 40.7



Wood Parts

4 x **11375** Lookout Wall Back

Hardware

4 x **S4** Wood Screw

4 x **S11** Wood Screw

Step 41: Sky Windows

Part 1



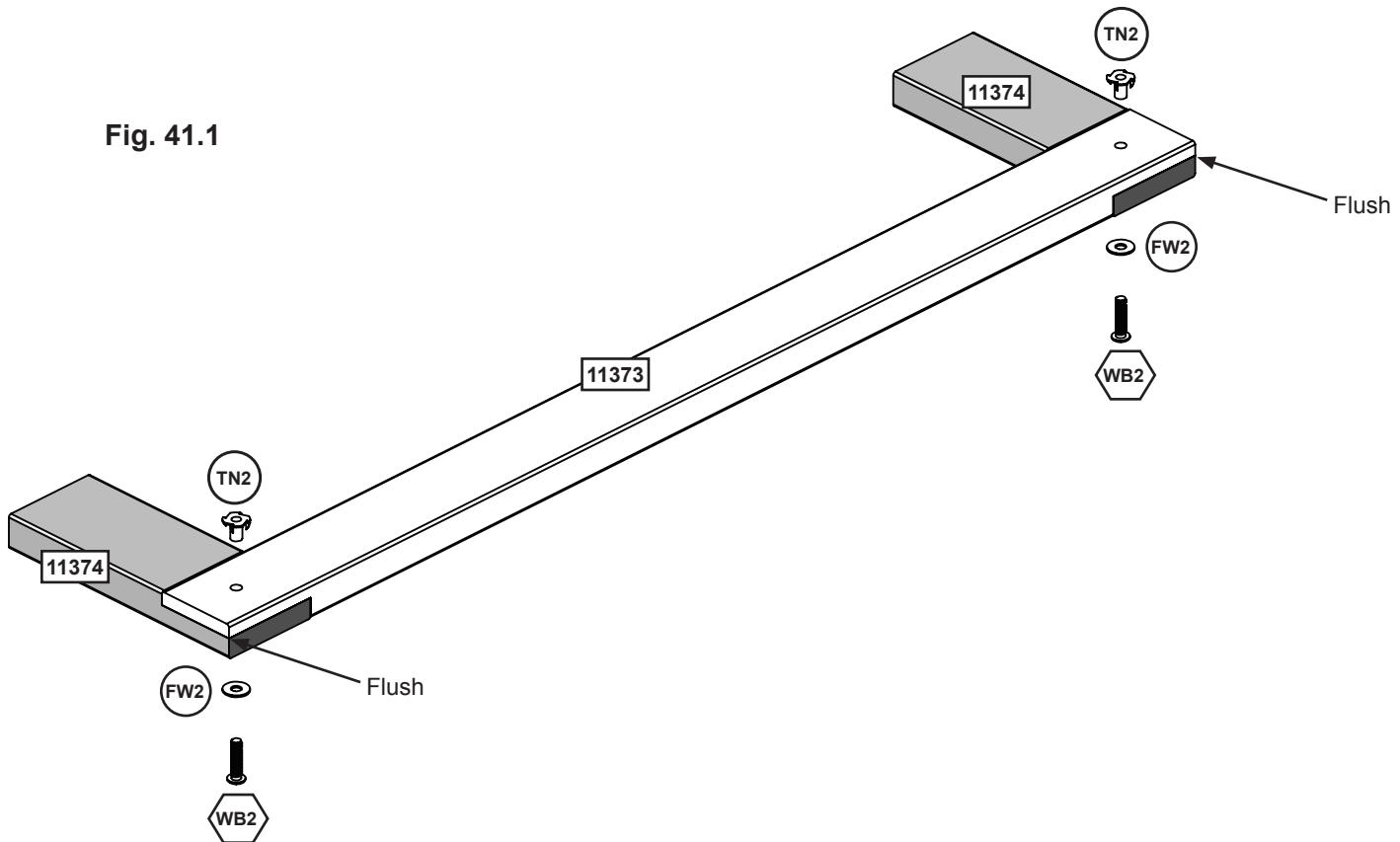
A: Place 2 (11374) Top Roof Post on a hard, flat surface with the notches at the top facing up. (fig. 41.1)

B: Place (11373) Lookout Wall Back in the grooves and tap in a (TN2) T-nut at each end.

C: Make sure the parts are flush and square. Fasten all with 2 (WB2) Wafer Bolts (with flat washer) connecting to the previously installed t-nuts.

D: Repeat the above steps to make a second frame.

Fig. 41.1



Wood Parts

2 x 11373 Lookout Wall Back
4 x 11374 Top Roof Post

Hardware

4 x WB2 Wafer Bolts (flat washer, T-Nut)

Step 41: Sky Windows

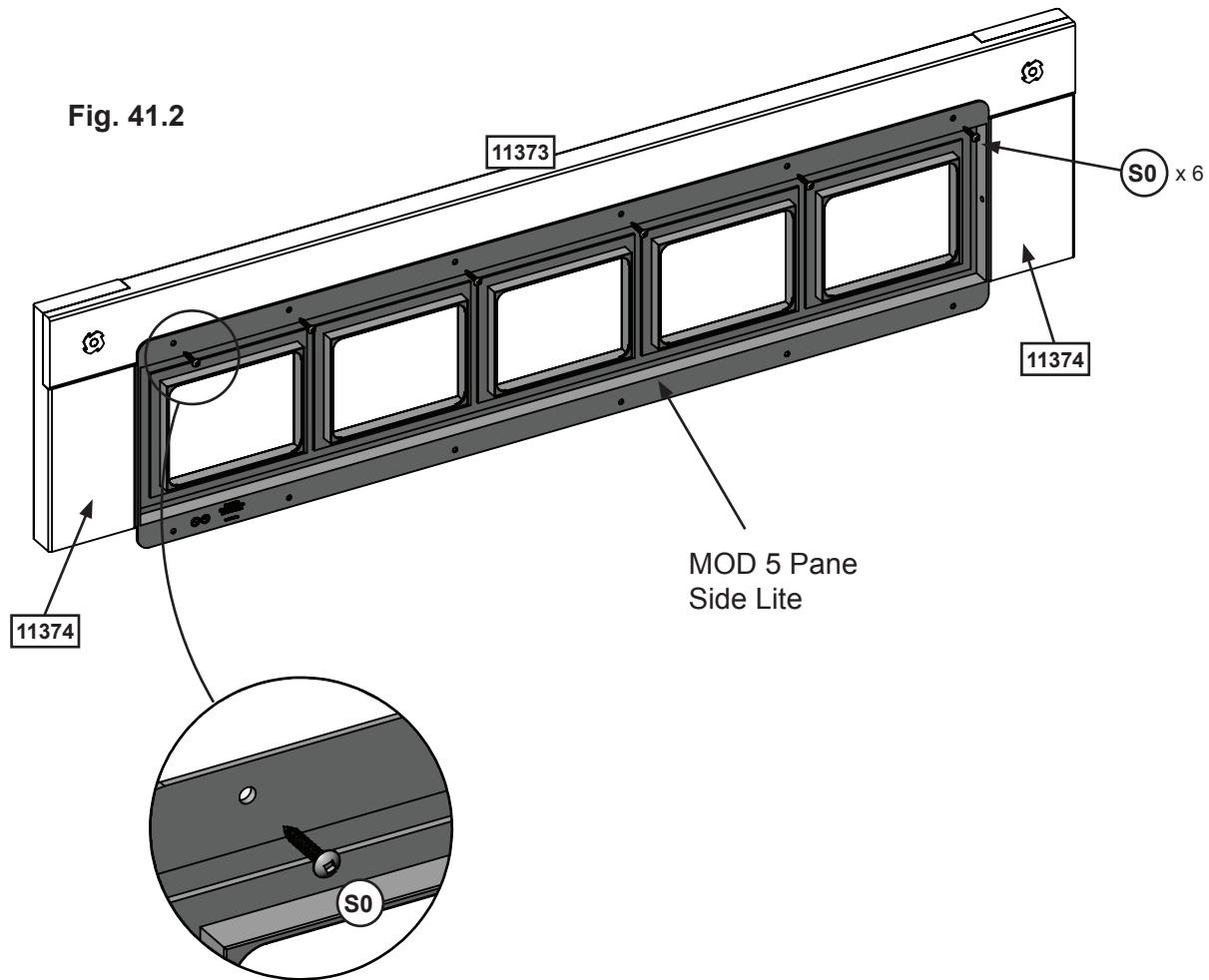
Part 2



E: Place the MOD 5 Pane Side Lite Window on (11373) Lookout Wall Back with the tab tightly against the bottom edge of (11373) and the sides flush to (11374). Fasten with 6 (S0) Wood Screws. (fig. 41.2)

F: Repeat for the second frame.

Fig. 41.2



Hardware

12 x $\textcircled{S0}$ Truss Screw

Other Parts

2 x MOD 5 Pane Side Lite

Step 41: Sky Windows

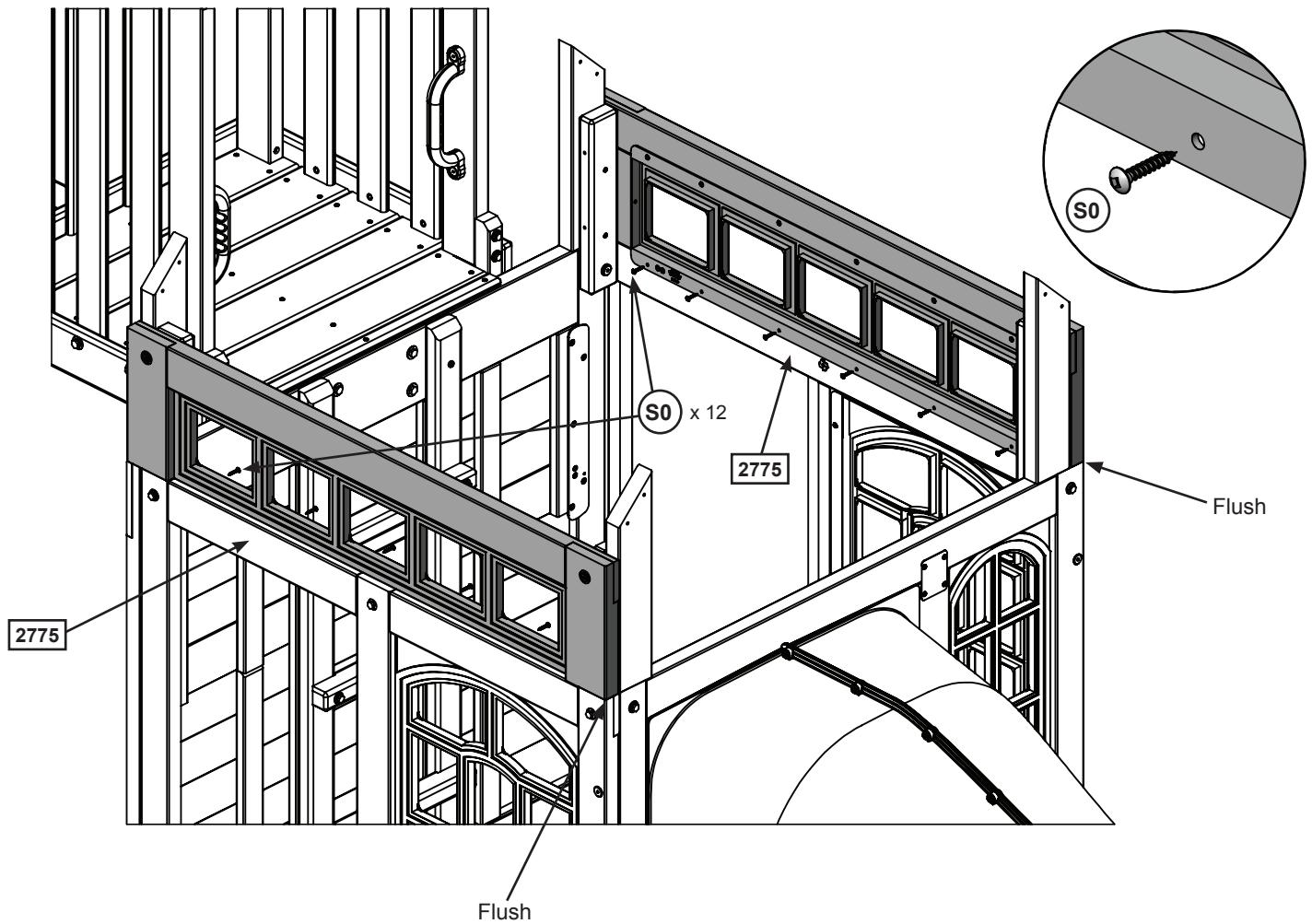
Part 3



G: Mount the window frames at the top of the fort, resting the bottom tab of the window on (2775) Panel Cross Support, and keeping the edges flush.

H: Fasten with 6 (S0) Wood Screws per window. (fig. 41.3)

Fig. 41.3



Hardware

12 x Truss Screw

Step 41: Sky Windows

Part 4



I: For each frame, attach the inside left corner to the (11376) Short Post with 2 (S4) Wood Screws.
(fig. 41.4 and 41.5)

J: For each frame, attach the inside right corner to the (11376) Short Post with 2 (S11) Wood Screws.
(fig. 41.4 and 41.6)

Fig. 41.5

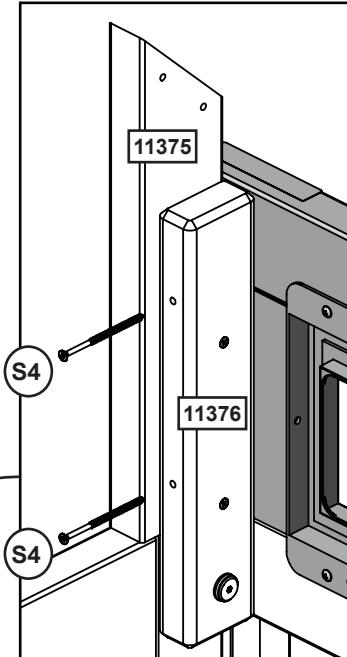


Fig. 41.4

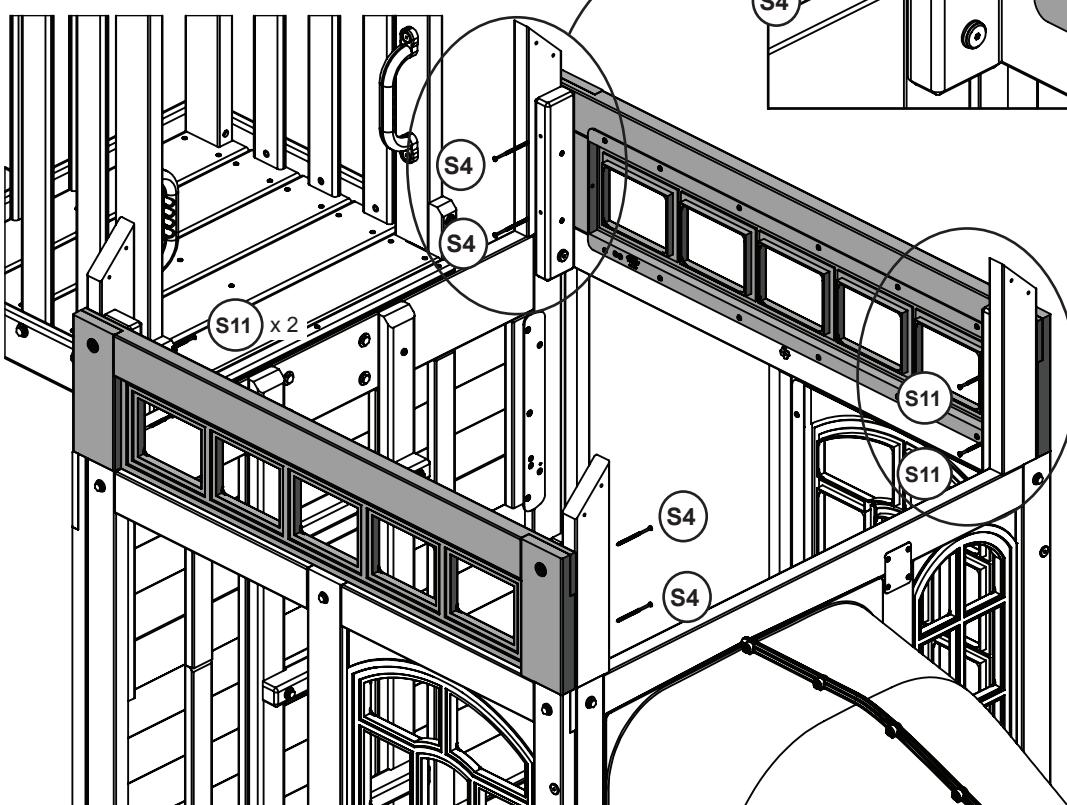
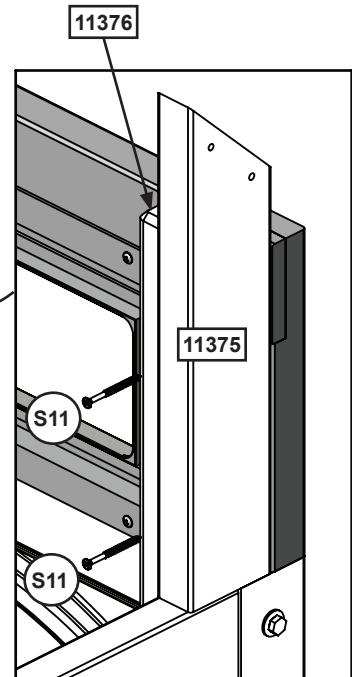


Fig. 41.6



Hardware

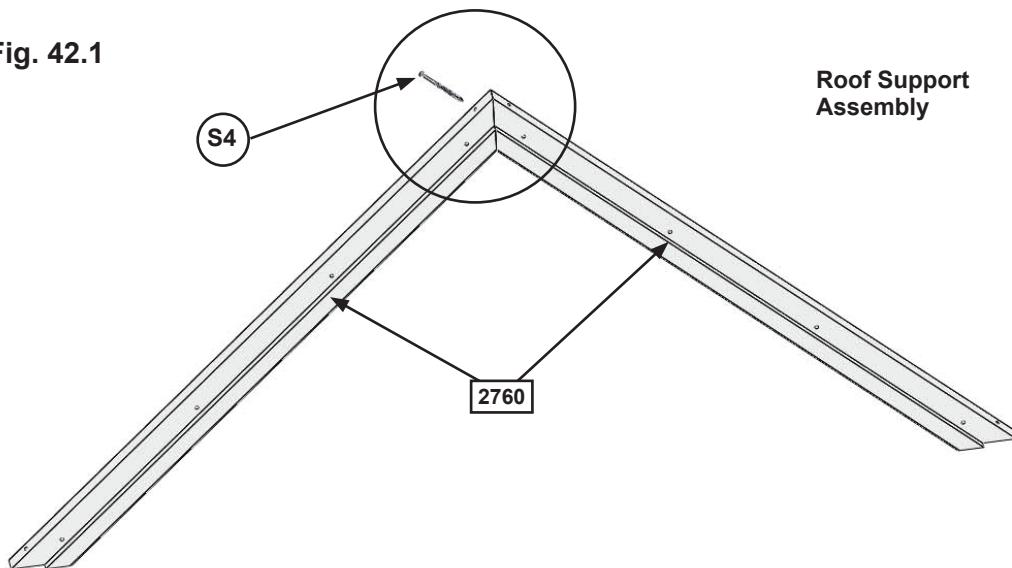
4 x **Wood Screw**
4 x **Wood Screw**

Step 42: Roof Support Assembly



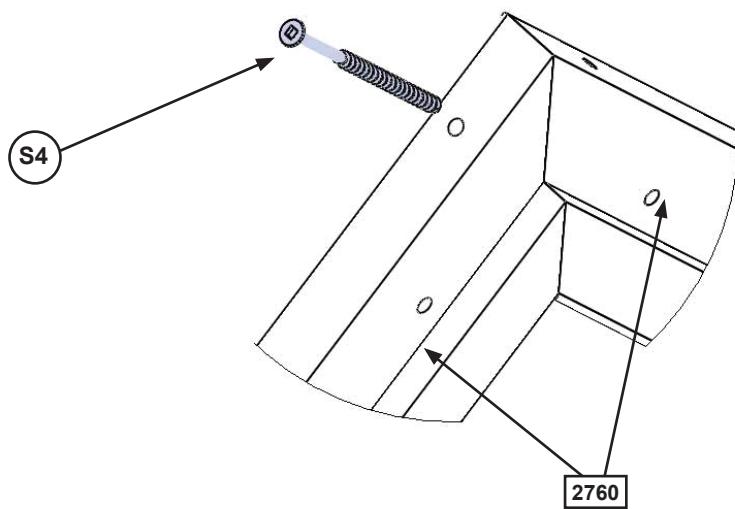
A: Attach 1 (2760) Roof Support to a second (2760) Roof Support at peak using 1 (S4) Wood Screw. Repeat this step so there are 2 Roof Support Assemblies. (fig. 42.1 and 42.2)

Fig. 42.1



Roof Support Assembly

Fig. 42.2



Wood Parts

4 x **[2760]** Roof Support

Hardware

2 x **(S4)** Wood Screw

Step 43: Roof Panel Assembly



A: Place 1 (2751) MOD Roof Bottom tight to the bottom of (2752) MOD Roof Front and (2753) MOD Roof Back. (fig.43.1)

B: Place a (2761) Roof Sleeper C on the middle strip of each Roof Panel Assembly so the ends are flush and attach with 4 (S20) Wood Screws per panel. (fig.43.2)

Fig. 43.1

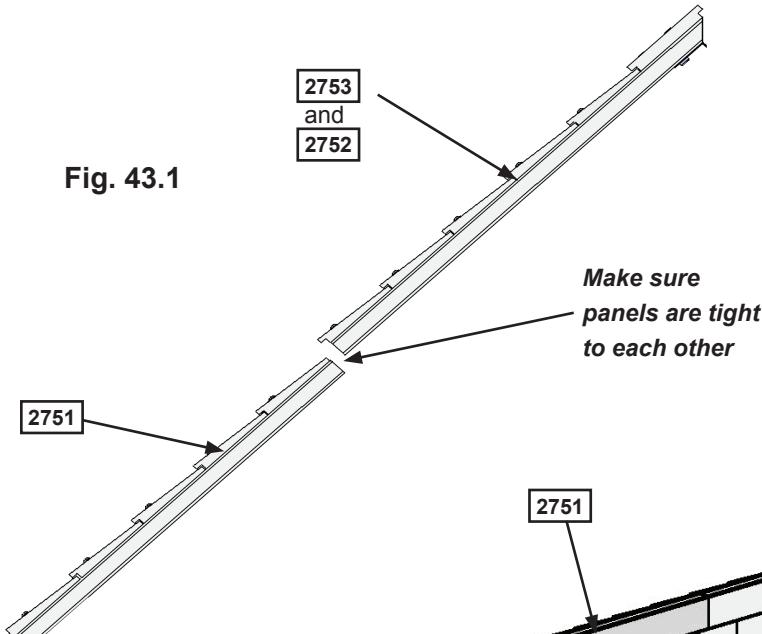
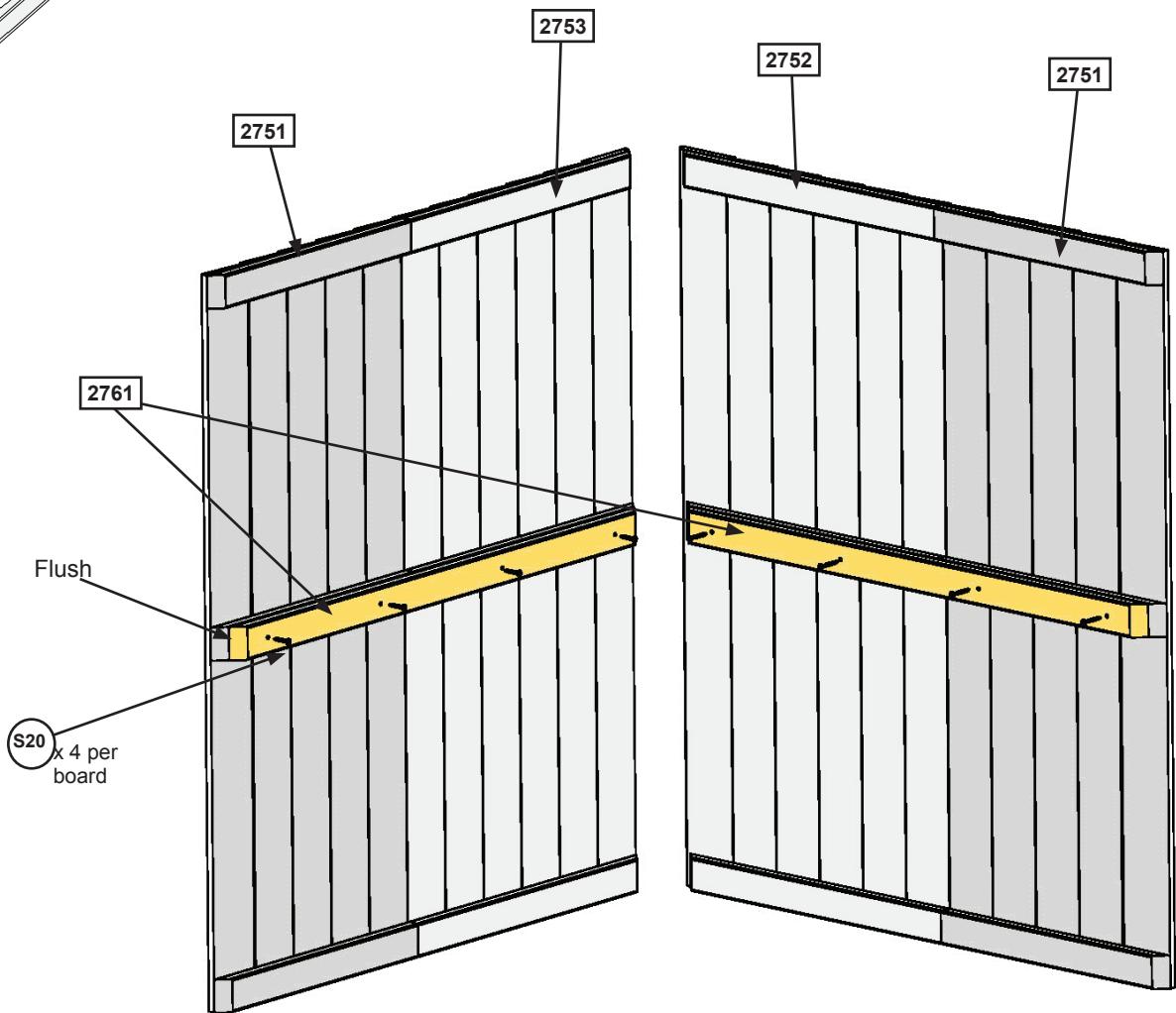


Fig. 43.2



Wood Parts

- 2 x 2751 MOD Roof Bottom
- 1 x 2752 MOD Roof Front
- 1 x 2753 MOD Roof Back
- 2 x 2761 Roof Sleeper C

Hardware

- 8 x S20 Wood Screw

Step 44: Roof Assembly



A: Place Front Roof Panel against Back Roof Panel so the tops form a peak then tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S0) Truss Screws per bracket. (fig. 44.1 and 44.2)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) Truss Screws. (fig. 44.1 and 44.3)

Fig. 44.1

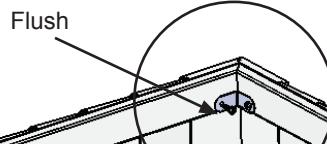
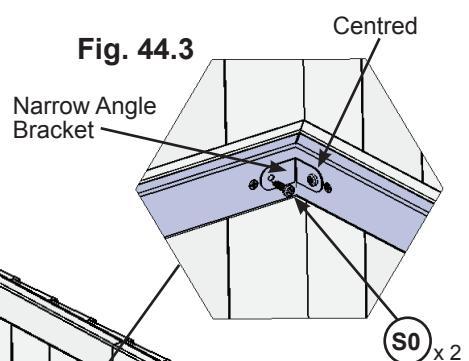
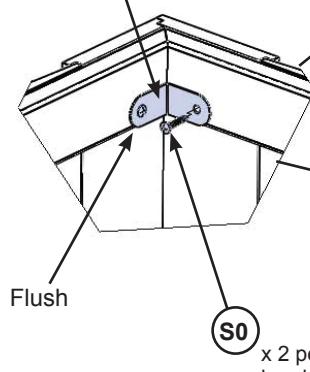


Fig. 44.3



Narrow Angle Bracket

Fig. 44.2



Back Roof Panel

Front Roof Panel

Hardware

6 x Truss Screw

Other Parts

3 x Narrow Angle Bracket

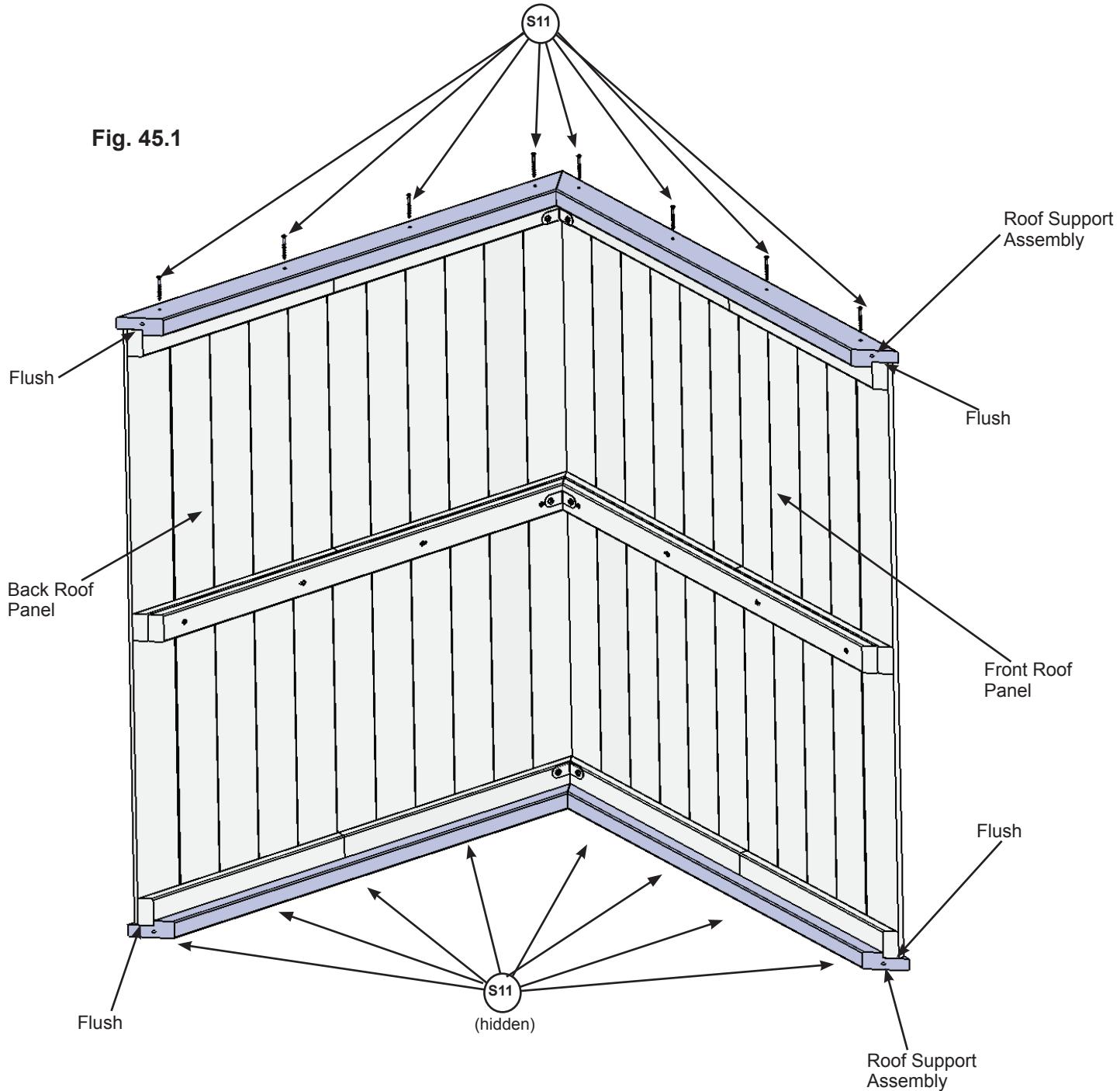
Step 45: Roof Assembly



A: Place 1 Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 8 (S11) Wood Screws. (fig. 45.1)

B: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) Wood Screws. (fig. 45.1)

Fig. 45.1



Hardware

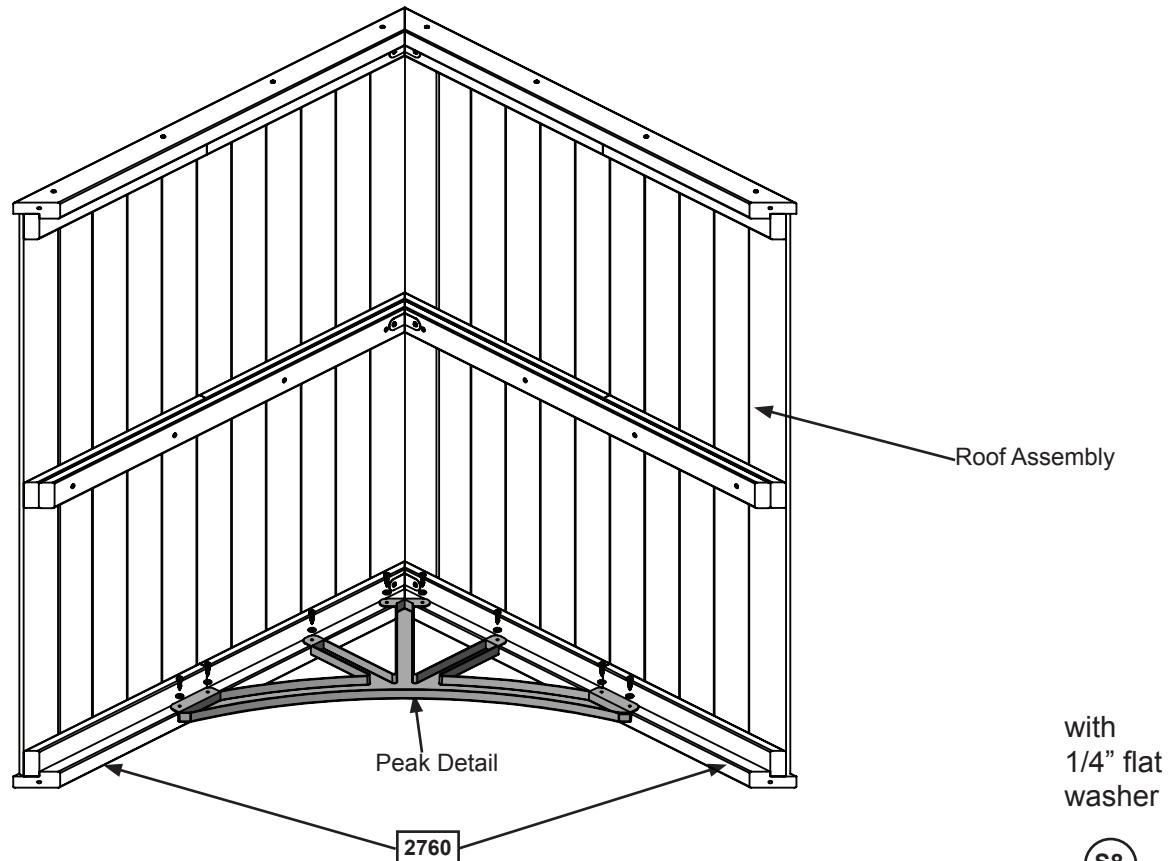
16 x Wood Screw

Step 46: Attach Peak Detail



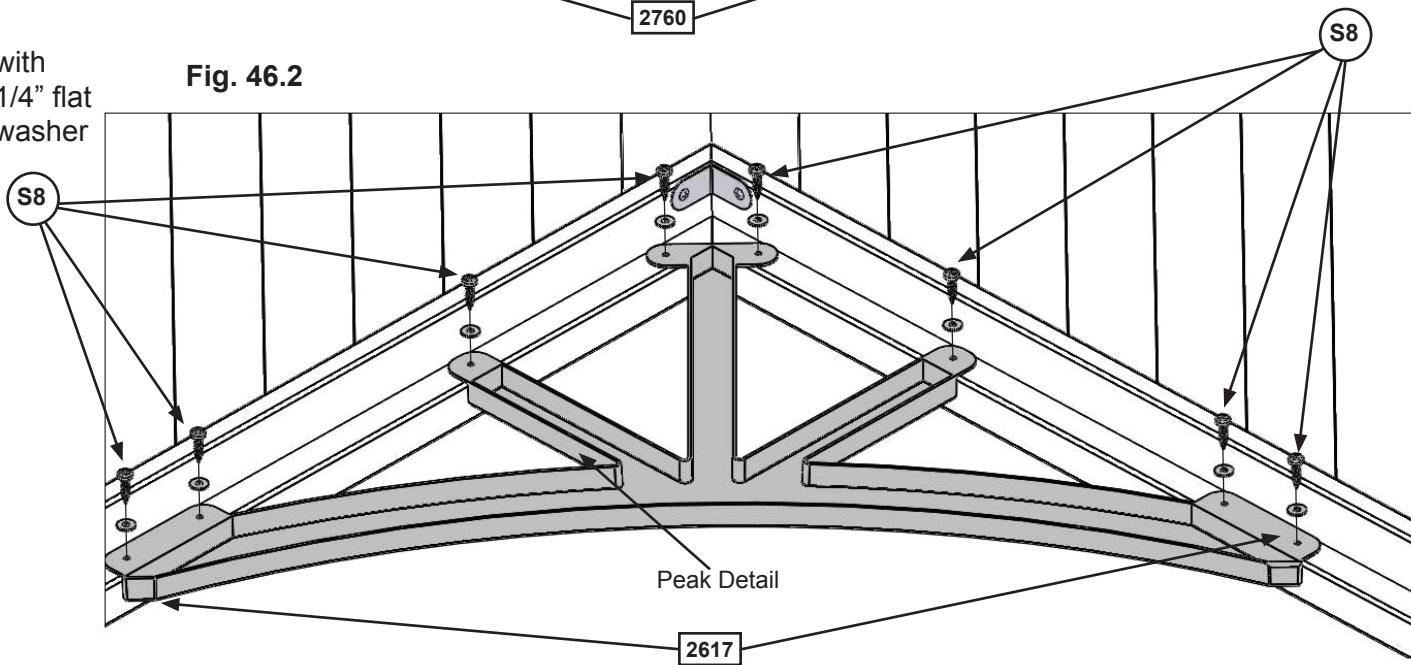
A: Attach 1 Peak Detail to the inside of the (2760) Roof Supports on side of the Roof Assembly with 8 (S8) Pan Screws (with 1/4" flat washer). (fig. 46.1 and 46.2)

Fig. 46.1



with
1/4" flat
washer

Fig. 46.2



Hardware

8 x Pan Screw
(1/4" flat washer)

Other Parts

1 x Peak Detail

Step 47: Roof Attachment

Part 1



A: With an adult helper, a ladder, and 1 person standing on the inside of the fort, hoist the roof up & over the (11375) Roof Bottom Post. Note the gable side faces the TNR Slide. (fig. 47.1)

B: At the TNR side, attach the Roof to (11375) Roof Bottom Post from the inside of the fort with 2 (S11) Wood Screws per board. (fig. 47.1, 47.2 and 47.3)

Fig. 47.1

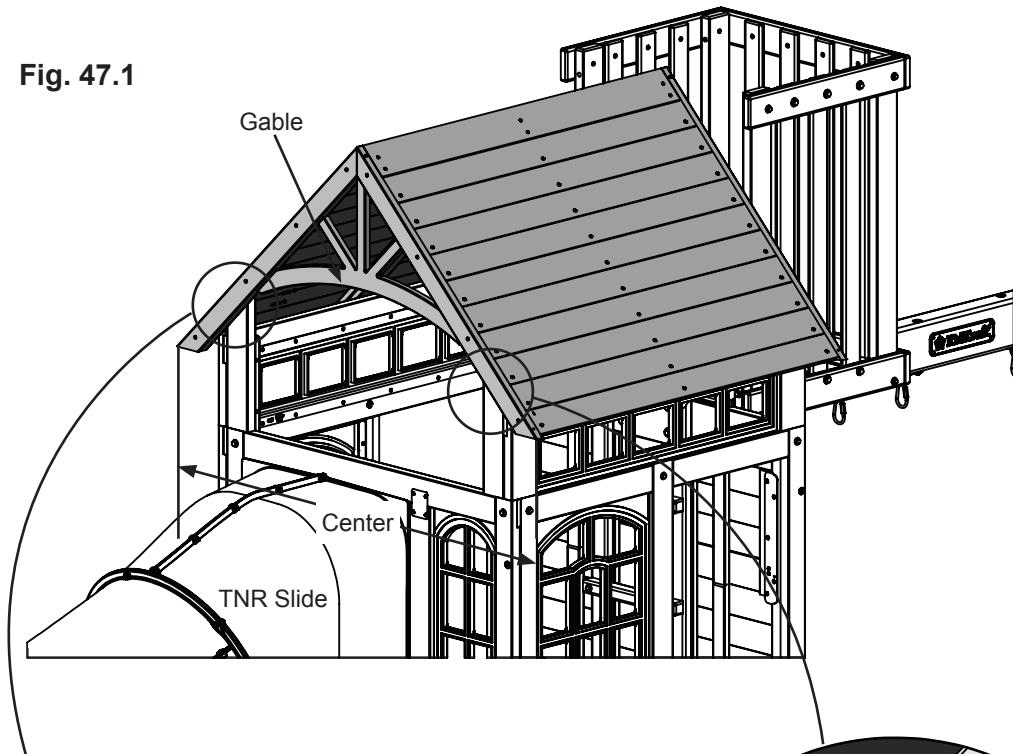
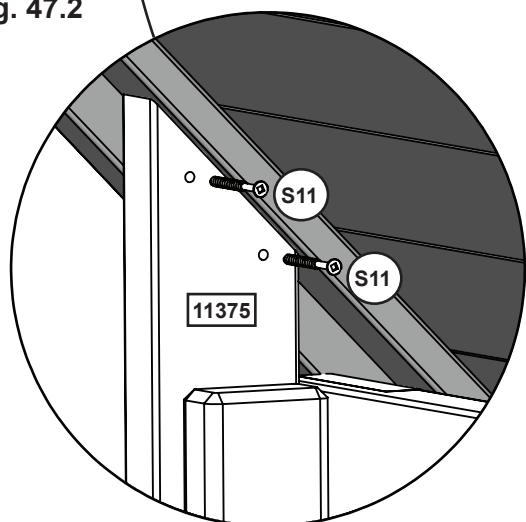
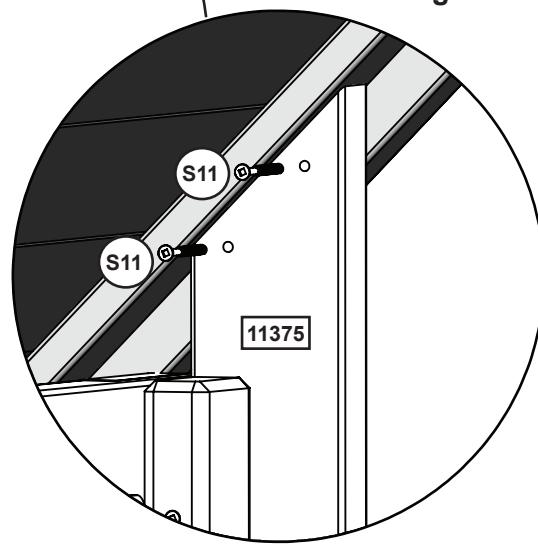


Fig. 47.2



Inside View

Fig. 47.3



Inside View

Hardware

4 x  Wood Screw

Step 47: Roof Attachment

Part 2



C: Rest the angle cut of (11371) Platform Bottom on the roof and align its large hole with the corresponding hole on (11370) Platform Post A. Ensure the top edge is flush with the post. (fig. 47.4, 47.5)

D: Attach to (11370) with 1 (H8) Hex Bolt (with lock washer and flat washer) connecting to the previously installed t-nut and 1 (S3) Wood Screw.

E: Fasten to the roof with 1 (S4) Wood Screw.

F: Repeat the above steps for the other side with (11372) Platform Top.

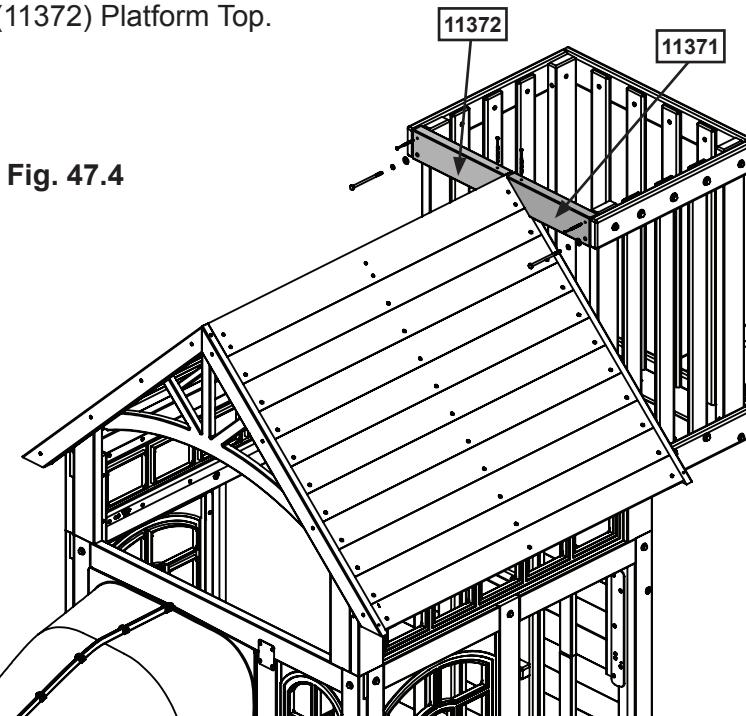
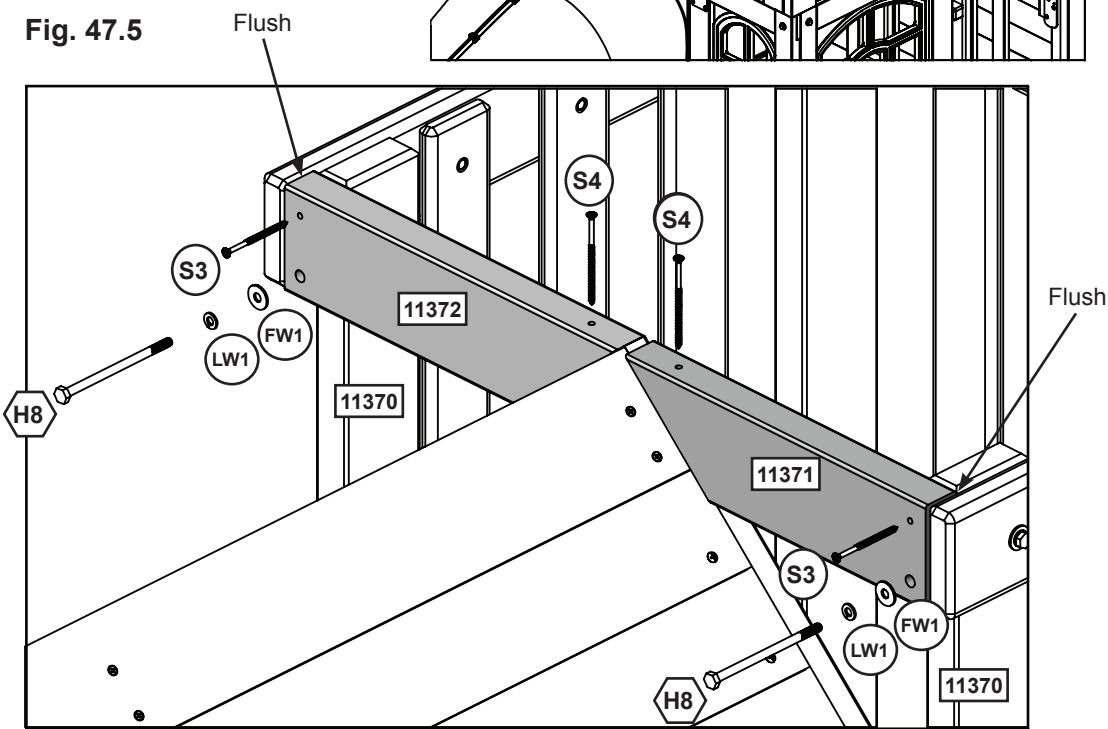


Fig. 47.4



Wood Parts

- 1 x **11371** Platform Bottom
- 1 x **11372** Platform Top

Hardware

- 2 x **S3** Wood Screw
- 2 x **S4** Wood Screw
- 2 x **H8** Hex Bolt (lock washer, flat washer)

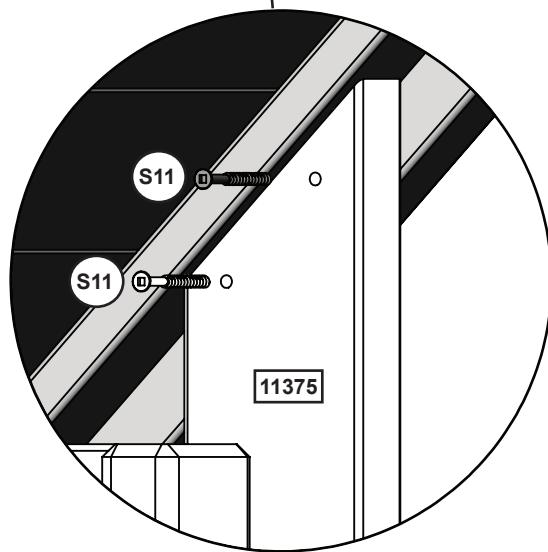
Step 47: Roof Attachment

Part 3

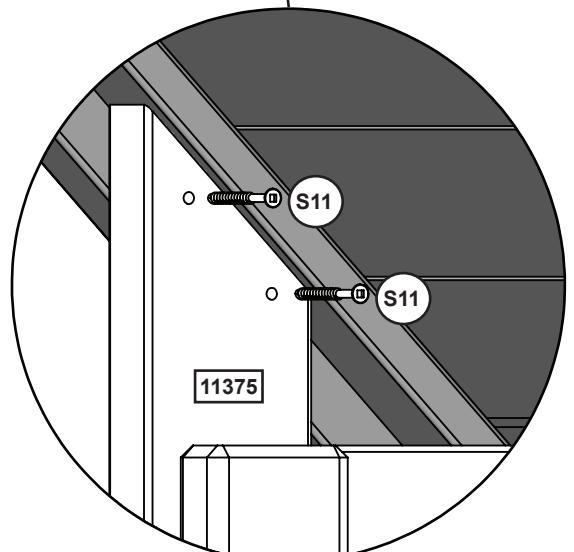


G: At the Swing Wall side, attach the Roof to (11375) Roof Bottom Post from the inside of the fort with 2 (S11) Wood Screws per board. (fig. 47.6)

Fig. 47.6



Inside View



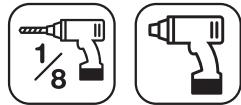
Inside View

Hardware

4 x  **Wood Screw**

Step 47: Roof Attachment

Part 4



H: On the (2760) Roof Support facing the crow's nest mark a point along the centerline on the edge of both (11370) Platform Post A. (fig. 47.7 and 47.8)

I: Predrill holes at the marked points using a 1/8" (3.2mm) drill bit. Ensure the hole is 1" (25.4mm) deep.

J: Fasten the roof to both (11370) Platform Post A using 1 (S4) Wood Screw per board. (fig. 47.8)

Fig. 47.7

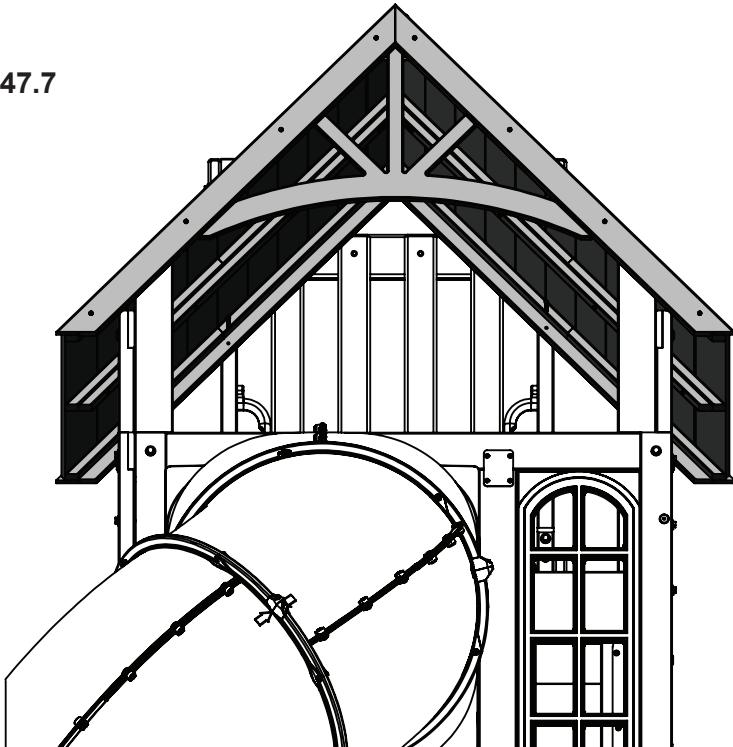
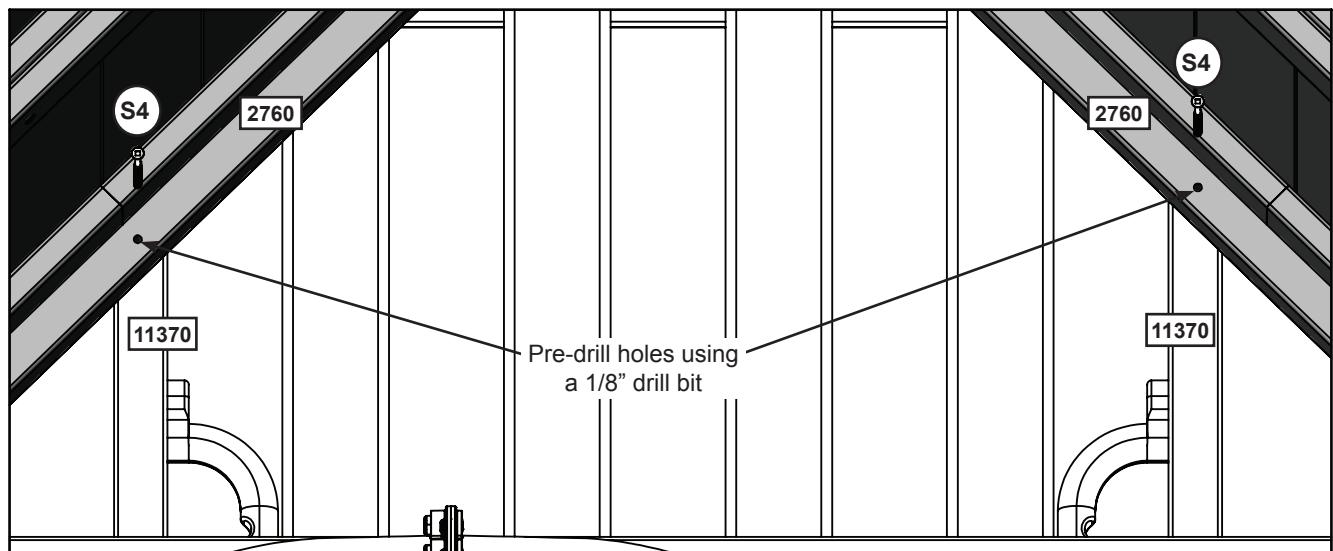


Fig. 47.8



Inside View

Hardware

2 x Wood Screw

Step 47: Roof Attachment

Part 5



K: On the inside of the crow's nest center the (11383) Roof Top across (11371) Platform Bottom and (11372) Platform Top. Attach with 6 (S20) Wood Screws. (fig. 47.9, 47.10)

Fig. 47.9

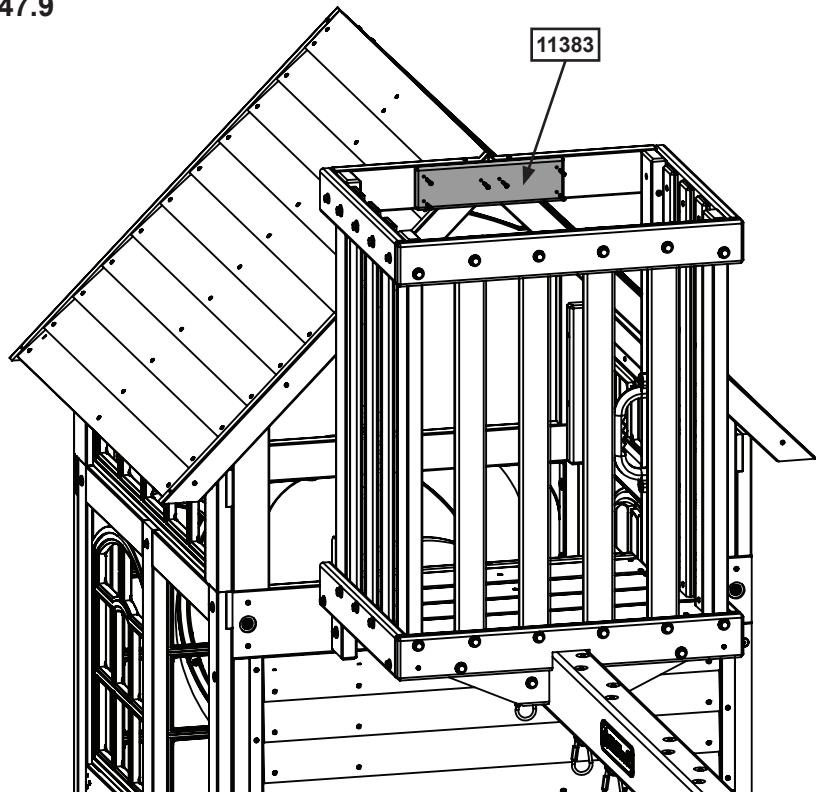
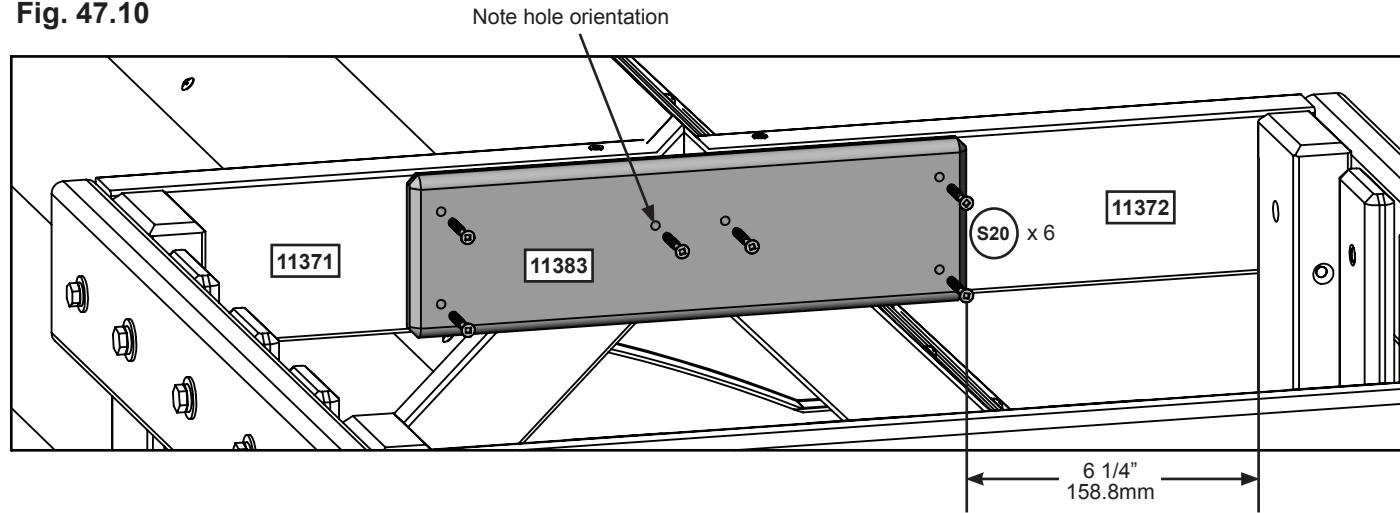


Fig. 47.10



Wood Parts

1 x 11383 Roof Top

Hardware

6 x S20 Wood Screw

Step 47: Roof Attachment

Part 6



L: Place (11378) Roof Bottom Post A with its notch tight against the (2630) SW Top and 2" (50.8mm) away from (11375) Roof Bottom Post. (fig. 47.11, 47.12)

M: Fasten the board to (2630) SW Top using 1 (S20) Wood Screw. (fig. 47.12)

N: Fasten the board to (2760) Roof Support using 1 (S4) Wood Screw. (fig. 47.12)

Fig. 47.11

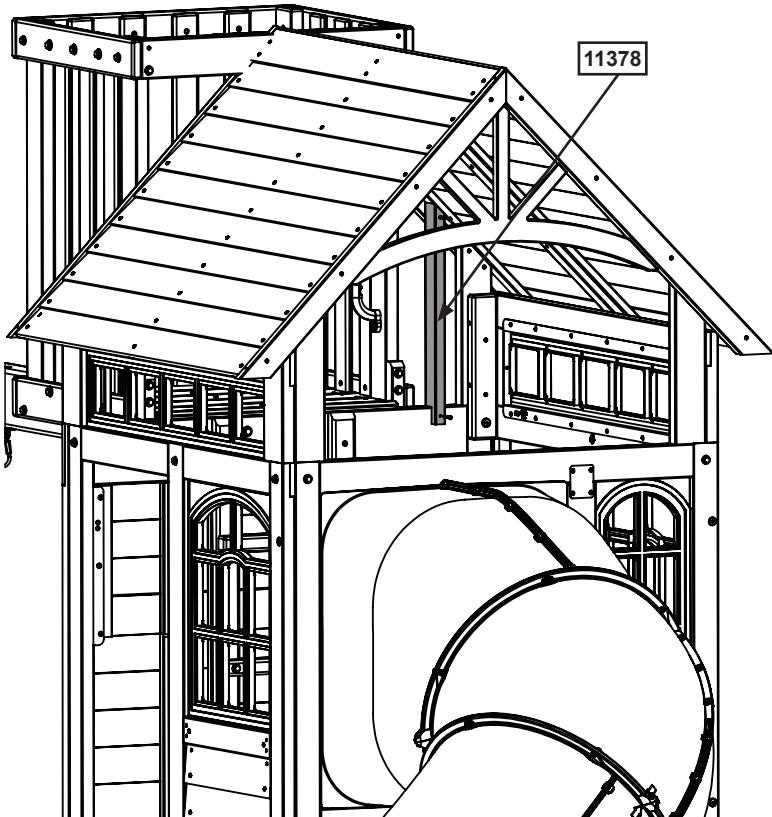
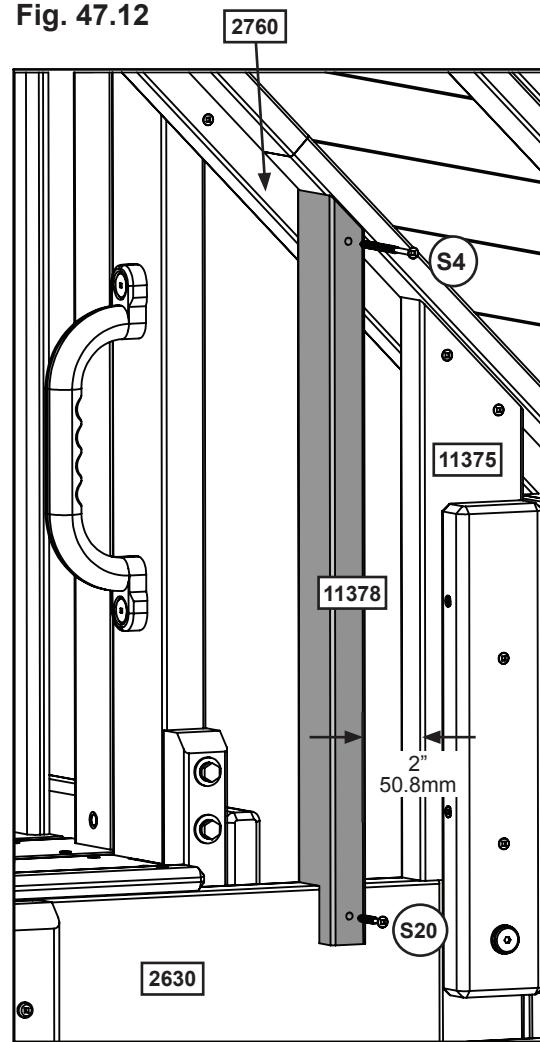


Fig. 47.12



Inside View

Wood Parts

1 x **11378** Roof Bottom Post A

Hardware

1 x **S4** Wood Screw

1 x **S20** Wood Screw

Step 47: Roof Attachment

Part 7



O: Repeat the previous step for the (11379) Roof Bottom Post B. (fig. 47.13, 47.14)

Fig. 47.13

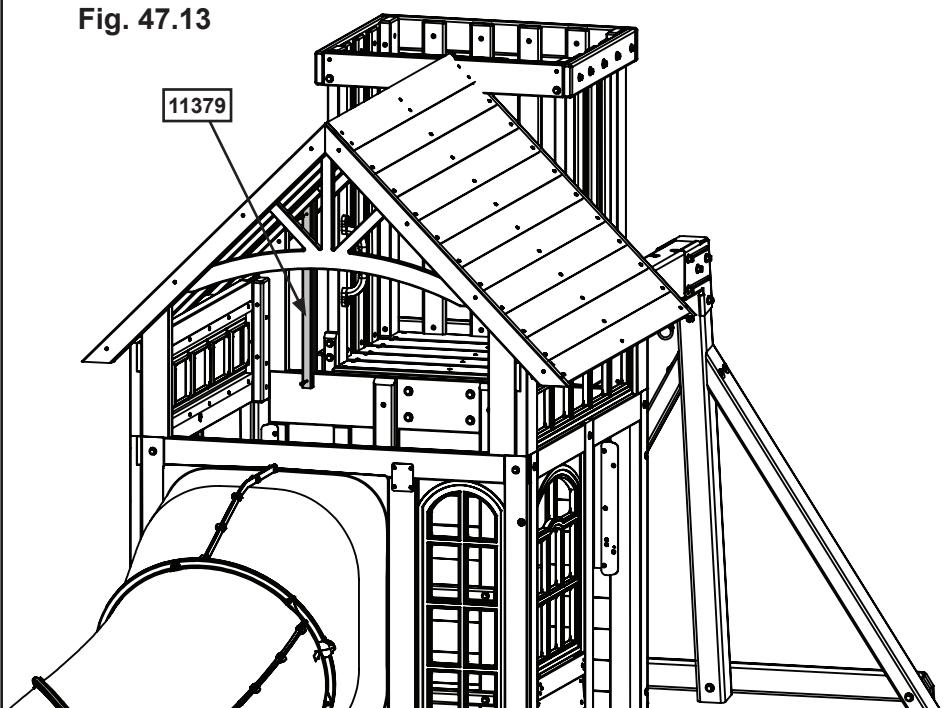
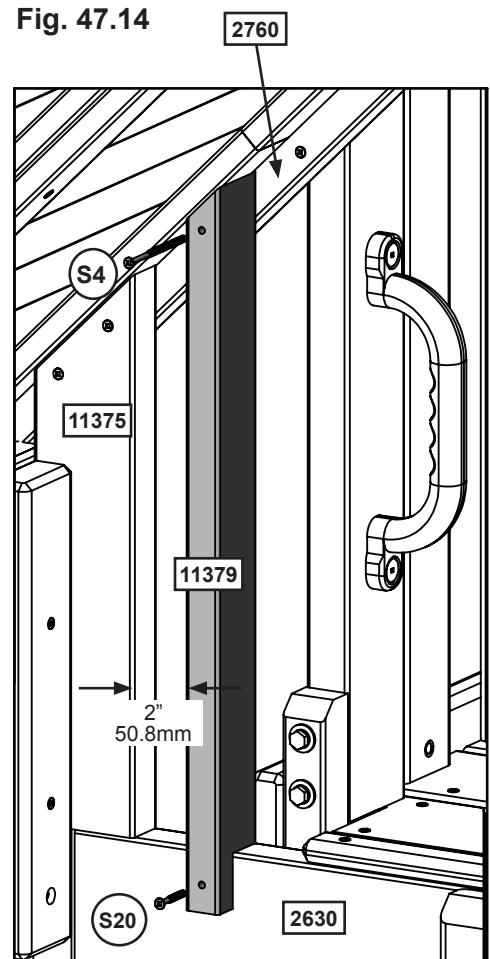


Fig. 47.14



Inside View

Wood Parts

1 x **11379** Roof Bottom Post B

Hardware

1 x **S4** Wood Screw

1 x **S20** Wood Screw

Step 48: Attach Acro and Belt 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. 48.1 and 48.2).

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. 48.2 and 48.3)

C: Attach the other end of the swing chains to the Quick Clips attached to the swing hangers and make sure all Quick Links are tightened. (fig. 48.1)

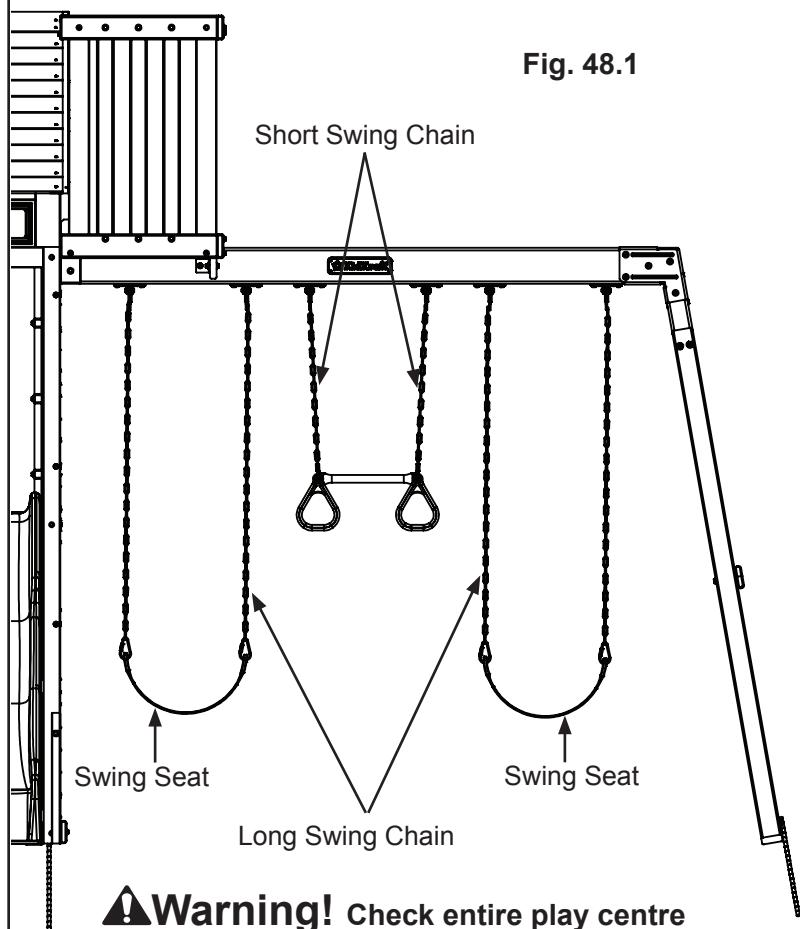
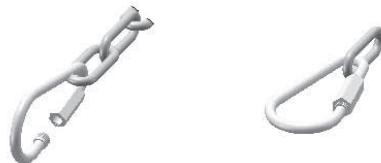


Fig. 48.1

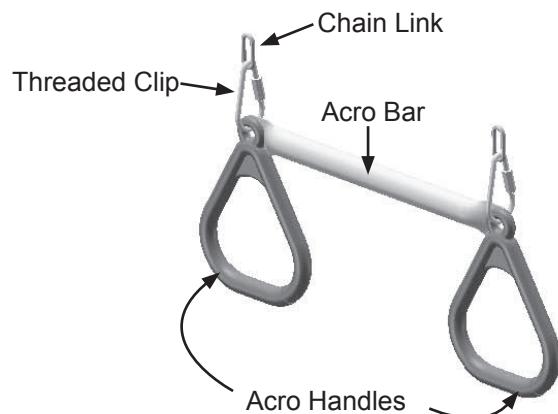
Fig. 48.2



Threaded Clips attach to seat and Acro bar.

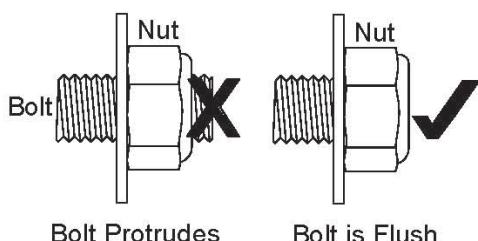
Tighten Clip using adjustable wrench

Fig. 48.3



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

Bolt must not exceed 1/2 thread past the nut



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
 1 x Quick Link with Thread (6pk)

NOTES

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