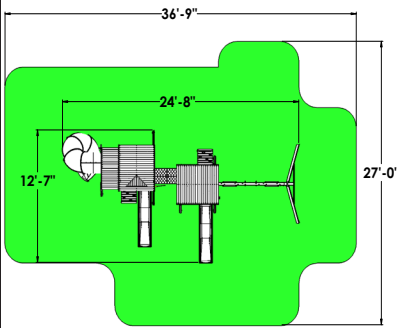


PARAMOUNT – F25040

INSTALLATION AND OPERATING INSTRUCTIONS



WARNING

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

Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE -36' 9" x 27' area requires Protective Surfacing. See page 3.

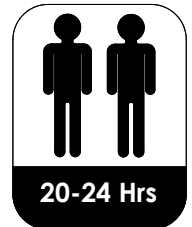
MAXIMUM VERTICAL FALL HEIGHT - 6' 7"

CAPACITY - 15 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

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

Warning. Only for domestic use.

FORT

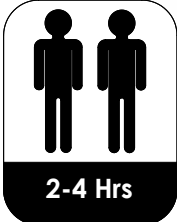


20-24 Hrs

Two person
assembly



TUBE SLIDE



2-4 Hrs

Two person
assembly



KidKraft, Inc.
4630 Olin Road
Dallas, Texas 75244 USA
customerservice@kidkraft.com
canadacustomerservice@kidkraft.com
1.800.933.0771
972.385.0100
For online parts replacement visit
<https://parts.kidkraft.com/>

KidKraft Netherlands BV
Olympisch Stadion 29
1076DE Amsterdam
The Netherlands
europecustomerservice@kidkraft.com
+31 20 305 8620 M-F from 09:00 to 17:30
(GMT+1)
For online parts replacement visit
<https://parts.kidkraft.eu/>

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9405040

Rev 07/02/2019

Warnings and Safe Play Instructions



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



WARNING

SERIOUS HEAD INJURY HAZARD

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

COLLISION HAZARD

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

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

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

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

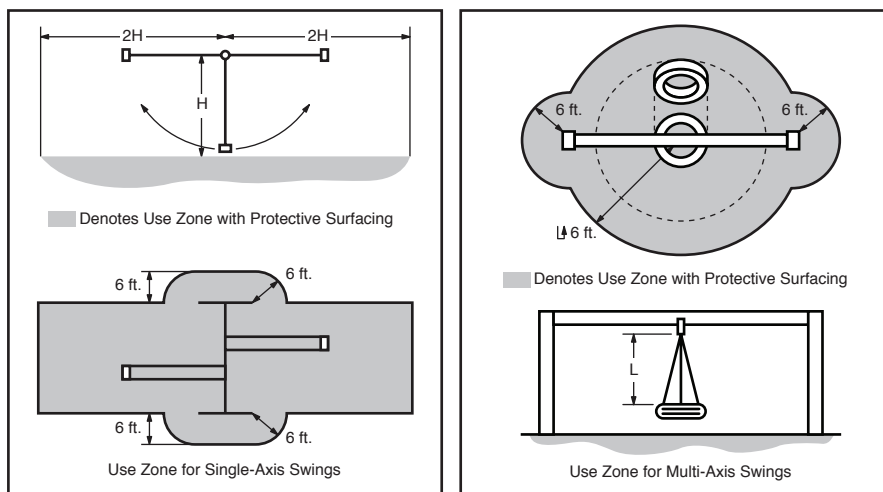
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacture 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;

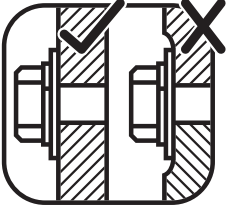
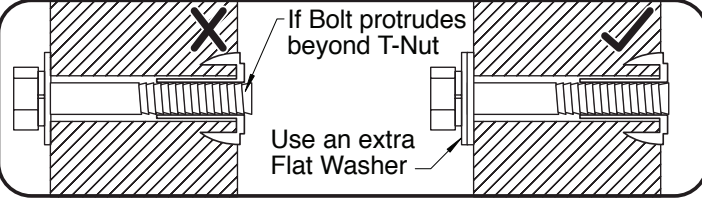
- Extend surfacing at least 2m from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.



Instructions for Proper Maintenance

Your 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:

<p>HARDWARE:</p> <ul style="list-style-type: none"> ✓ 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.   <p>If Bolt protrudes beyond T-Nut</p> <p>Use an extra Flat Washer</p> <p>SHOCK ABSORBING SURFACING:</p> <ul style="list-style-type: none"> ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3) 	<p>GROUND STAKES (ANCHORS):</p> <ul style="list-style-type: none"> ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary. <p>SWING HANGERS:</p> <ul style="list-style-type: none"> ✓ 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®. <p>SWINGS, ROPES AND RIDES:</p> <ul style="list-style-type: none"> ✓ 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. <p>WOOD PARTS:</p> <ul style="list-style-type: none"> ✓ 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. ✓ Unprotected, they will appear weathered over time. Periodic application of an exterior water repellent or stain (water-based) will help improve appearance and life.
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Check twice a month during play season:

<p>HARDWARE:</p> <ul style="list-style-type: none"> ✓ 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. 	<p>SHOCK ABSORBING SURFACING:</p> <ul style="list-style-type: none"> ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)
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Check once a month during play season:

<p>SWING HANGERS:</p> <ul style="list-style-type: none"> ✓ 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®. 	<p>SWINGS AND RIDES:</p> <ul style="list-style-type: none"> ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.
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Check at the end of the play season:

<p>SWINGS AND RIDES:</p> <ul style="list-style-type: none"> ✓ 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. 	<p>SHOCK ABSORBING SURFACING:</p> <ul style="list-style-type: none"> ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)
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If you dispose of your play set: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

About Our Wood

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

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

At the factory we have coated the wood with a water repellent or stain. This coating decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the coating, 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.

5 Year Limited Warranty

KidKraft warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.

This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

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

KidKraft products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury.

Kidkraft cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a KidKraft Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.

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

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

Keys to Assembly Success

Tools Required

<ul style="list-style-type: none"> • Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill 	<ul style="list-style-type: none"> • #1, #2 & #3 Phillips or Robertson Bits or Screwdriver • Ratchet with extension (1/2" & 9/16" sockets) 	<ul style="list-style-type: none"> • Open End Wrench (7/16", 1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits • Pencil 	<ul style="list-style-type: none"> • 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers
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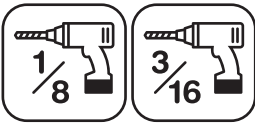


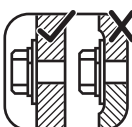
Part Identification Key

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

2X	012	Post 2 x 4 x 83"
Quantity	Key Number	Part Description, Part Size

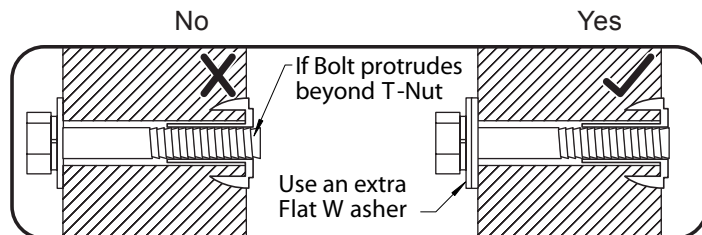
Symbols

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 Level</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" & 3/16" 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>Use a measuring tape to assure proper location.</p>	<p>Square Assembly</p>  <p>Tighten Bolts</p>  <p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>

CAUTION – Protrusion Hazard

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

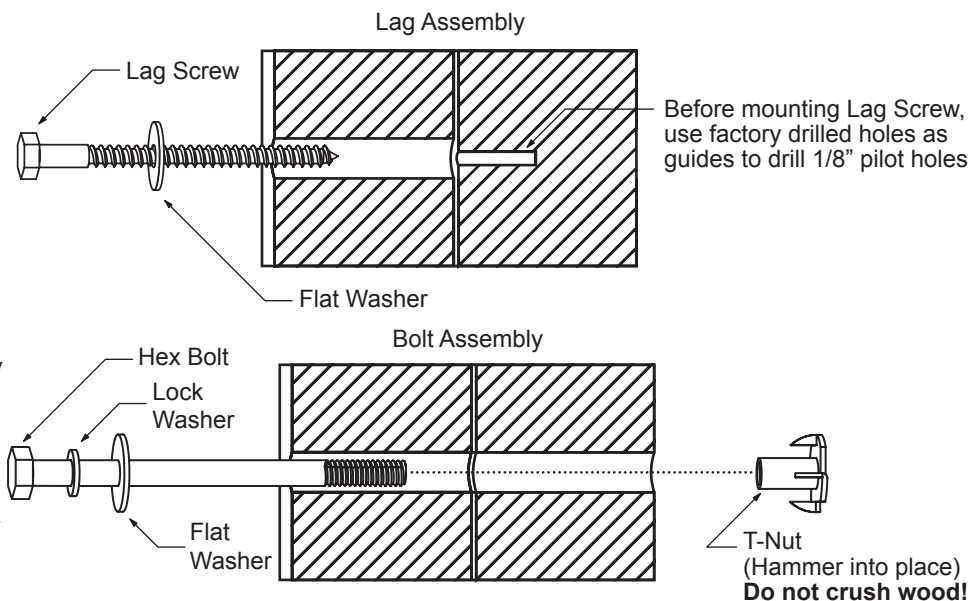


Proper Hardware Assembly

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

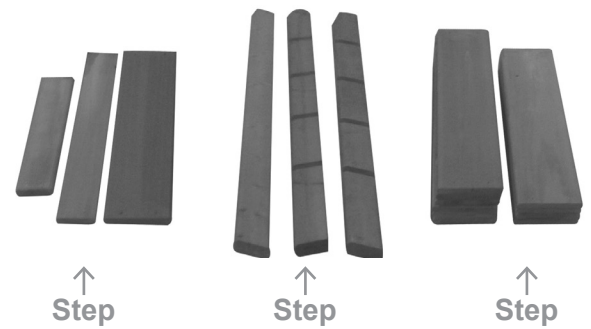
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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



Your Key To Quick Assembly

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



SAVE TIME - TIP #1:

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

2X	0124	Post	2 x 4 x 83"
↑	↑	↑	↑
Part Quantity	Key Number	Part Description	Part Size

SAVE TIME - TIP #2:

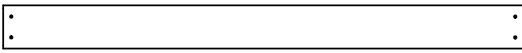
In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

HARDWARE:

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

Part Identification (ADD ON E)

1pc. - **[2648]** - 1 x 4 x 40-5/8" - Floor Board **3632648**



8pc. - **[2609]** - 1 x 5 x 40-5/8" - Floor Board **3632609**



2pc. - **[2780]** - 1 x 6 x 19"



RK Board A **3632780**

2pc. - **[2779]** - 1 x 6 x 19"



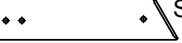
Access Board **3632779**

3pc. - **[2781]** - 1 x 6 x 19"



RK Board B **3632781**

2pc. - **[2778]** - 5/4 x 4 x 14 1/4"

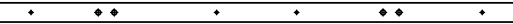


SW Ground MOD **3632778**

1pc. - **[2616]** - 5/4 x 4 x 46-1/2" SW Support **3632616**



2pc. - **[2777]** - 2 x 2 x 40-1/4" - Side Joist MOD **3632777**



2pc. - **[2607]** - 1-1/4 x 3 x 22" - Diagonal **3632607**



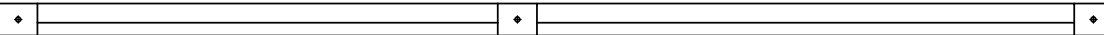
2pc. - **[2776]** - Rock Rail 1 1/4 x 2 1/2 x 51" **3632776**



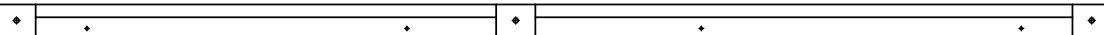
1pc. - **[2608]** - 1-1/4 x 3 x 40-3/4" - Floor Joist **3632608**



3pc. - **[2770]** - End Post Left 1 1/4 x 2 1/2 x 87" **3632770**



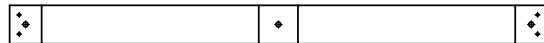
3pc. - **[2771]** - End Post 1 1/4 x 2 1/2 x 87" **3632771**



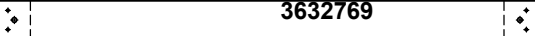
2pc. - **[2772]** - Panel Floor Support 1 1/4 x 3 x 42"



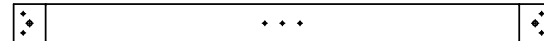
2pc. **[2775]** Panel Cross Support 1 1/4 x 3 x 42"
3632775



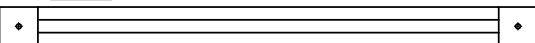
5pc. - **[2769]** - Panel BT Frame 1 1/4 x 3 x 42"



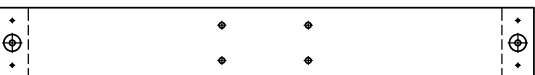
2pc. - **[2768]** - Panel Floor 1 1/4 x 3 x 42"
3632768



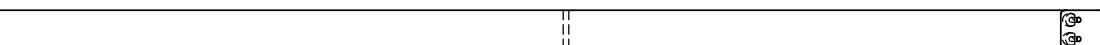
2pc. - **[2774]** - Upright 1 1/4 x 3 x 42" **3632774**



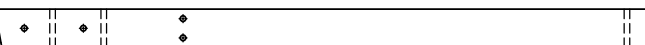
1pc. - **[2630]** - SW Top 1 1/4 x 5 1/2 x 42" **39632630**



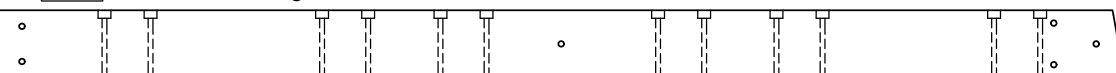
2pc. - **[2613]** - 2 x 3 x 86-11/16" - Heavy SW Post **3632613**



1pc. - **[2615]** - 4 x 4 x 50-15/16" - SW Upright **3632615**



1pc. - **[2614]** - 4 x 6 x 88" - Engineered Beam **3632614**



1pc. - **[2757]**
LT Post Assembly
1 1/4 x 2 1/2 x 87"

37632757



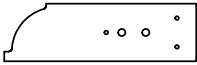
1pc. - **[2758]**
RT Post Assembly
1 1/4 x 2 1/2 x 87"

37632758

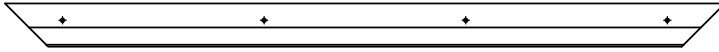


Part Identification (ADD ON F)

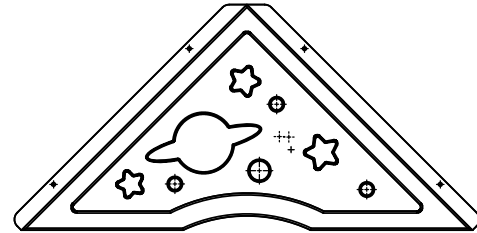
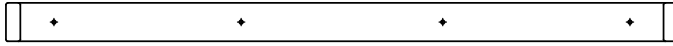
4pc. - **[2759]** Roof End 1-1/4 x 3 x 10"
3632759



4pc. - **[2760]** - Roof Support 1 1/4 x 2 1/4 x 37 1/2"
3632760

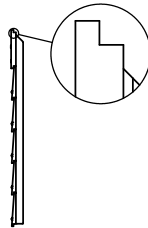
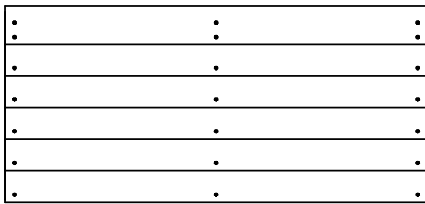


2pc. - **[2761]** - Roof Sleeper C 3/4 x 2 x 35"
3632761

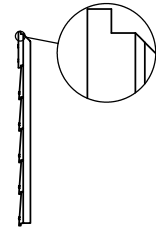
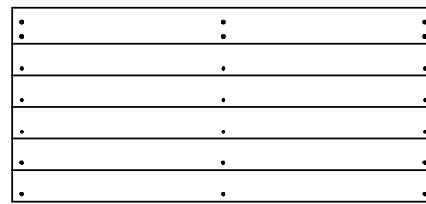


2x - Sky Gable (3320212)

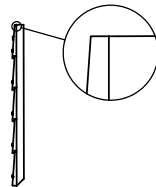
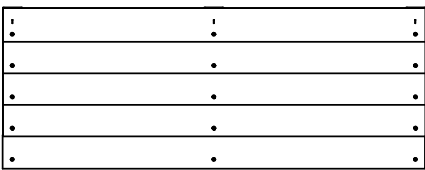
1pc. - **[2752]** - MOD Roof Front 1 1/4 x 20-7/16 x 44"
37632752



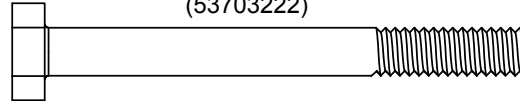
1pc. - **[2753]** - MOD Roof Back 1 1/4 x 20-3/16 x 44"
37632753



2pc. - **[2751]** - MOD Roof Bottom 1-3/16 x 16 3/4 x 44"
37632751



4pc. **(H3)** - Hex Bolt 1/4 x 2-1/2"
(53703222)



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



24pc. **(S11)** - Wood Screw #8 x 2" (52043520)



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



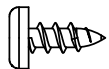
2pc. **(S4)** - Wood Screw #8 x 3" (52043530)



6pc. **(S0)** - Truss Screw #8 x 7/8"
(52933505)



8pc. **(S5)** - Pan Screw #8 x 1/2"
(52433502)



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



Add on "H" Part Identification (Reduced Part Size)

1pc. - [2648] - 1 x 4 x 40-5/8" - Floor Board - **3632648**

8pc. - [2609] - 1 x 5 x 40-5/8" - Floor Board - **3632609**

2pc. - [2779] - 1 x 6 x 19" - Access Board - **3632779**

2pc. - [2780] - 1 x 6 x 19" - RK Board A - **3632780**

2pc. - [2777] - 2 x 2 x 40-1/4" - Side Joist MOD - **3632777**

1pc. - [2602] - 1-1/4 x 3 x 35-15/16" - Upper Jamb - **3632602**

2pc. - [2601] - 1-1/4 x 3 x 41-15/16" - Lower Jamb - **3632601**

1pc. - [2608] - 1-1/4 x 3 x 40-3/4" - Floor Joist - **3632608**

2pc. - [2768] - 1-1/4 x 3 x 42" - Panel Floor - **3632768**

2pc. - [2775] - 1-1/4 x 3 x 42" - Panel Cross Support - **3632775**

1pc. - [2685] - 1 x 4 x 40-5/8" - Counter Top - **3632685**

2pc. - [2772] - 1-1/4 x 3 x 42" - Panel Floor Support - **3632772**

1pc. - [2686] - 5/8 x 2-3/4 x 40-5/8" - Counter Front - **3632686**

1pc. - [2804] - 5/4 x 3 x 39" - Wall Top - **3632804**

5pc. - [2769] - 1-1/4 x 3 x 42" - Panel BT Frame - **3632769**

2pc. - [2774] - 1-1/4 x 3 x 42" - Upright - **3632774**

1pc. - [2687] - 1 x 4 x 40-5/8" - Counter Back - **3632687**

2pc. - [2776] - 1-1/4 x 2-1/2 x 51" - Rock Rail - **3632776**

3pc. - [2771] - 1-1/4 x 2-1/2 x 87" - End Post - **3632771**

3pc. - [2770] - 1-1/4 x 2-1/2 x 87" - End Post Left - **3632770**

1pc. - [2758] - 1-1/4 x 2-1/2 x 87" - RT Post Assembly - **37632758**

1pc. - [2757] - 1-1/4 x 2-1/2 x 87" - LT Post Assembly - **37632757**

2x - [2756] - 1-1/4 x 19-15/16 x 39-3/16" Siding Assembly - (37632756)

1x - [2665] - 1.4 x 20-1/4 x 38.8" Half Wall Insert - (37632665)

3pc. - [2781] - 1 x 6 x 19" - RK Board B - **3632781**

2pc. - [2607] - 1-1/4 x 3 x 22" - Diagonal - **3632607**

2pc. - [2778] - 5/4 x 4 x 14-1/4" SW Ground MOD - **3632778**

2pc. - [2716] - 1 x 4 x 17-5/8" - Counter Mid Top - **3632716**

1pc. - [2630] - 1-1/4 x 5-1/2 x 42" - SW Top - **39632630**

1pc. - [9083] - 1-1/4 x 3 x 19-1/4" - Steering Wheel Block - **3639083**

2pc. - [6136] - 1 x 2 x 12-9/16" Counter Brace - 38046136

2pc. - [5536] - 5/8 x 2 x 6-3/4" Counter Side - **38045536**

4pc. - [5736] - 1 x 2 x 8-1/4" Counter Joist - **38045736**

3x - Jamb Mount (2 Pk) (3206301)

1x - Deluxe Kitchen Set (3320969)

1x - Mod 3 Pane Transom - (9320138)

1x - Rocks (5pk) (3320386)

1pc. - [2658] - 2-13/32 x 6-3/4 x 34" Folding Bench - **37632658**

2x - Rebar Ground Stake (9290318)

1x - [2655] - 1.27 x 18.8 x 35.86" Upper Window Insert (37632655)

4x - [2649] - 1.27 x 18.8 x 41.91" Lower Window Insert (37632649)

Nominal Size	Actual Size
5/4 x 5	15/16 x 4-1/4
5/4 x 6	15/16 x 5-1/4
2 x 2	1-1/2 x 1-1/2
1 x 4	5/8 x 3-3/8
1 x 6	5/8 x 5-3/8
1-1/4 x 2-1/4	1-1/4 x 2-1/4
1-1/4 x 3	1-1/4 x 3
4 x 4	3 x 3
4 x 6	3 x 5-1/4

1x - Corner Bracket Set (2 Pk) - (3206571)

1x - Utensils Shelf (9320791)

1x - Pot Pan Spatula (9320889)

1x - Faucet (9320881)

1x - Sink Knob (Red) (9320382)

1x - Sink Knob (Blue) (9320482)

1x - Deep Sink (9320969)

1x - Stove (3320784)

10x - #6 x 10mm Blunt Point Pan Screw (52402902)

8x - Mount Clips (9320088)

1x - Hand Grip (9320240)

1x - Steering Wheel (3320255)

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

(41) **LW1** - 1/4" Lock Washer - (51303200)

(1) **D4** - 2 x 2 Robertson Driver Bit - (9200014)

(5) **PB2** - Pan Bolt 1/4 x 1-1/4" - (53433212)

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

(5) **S10** - Pan Screw #8 x 1" - (52433510)

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

(4) **S7** - Pan Screw #12 x 2" - (52433620)

(5) **FW0** - 3/16" Flat Washer - (51103100)

(44) **FW1** - 1/4" Flat Washer - (51103200)

(6) **FW2** - 5/16" Flat Washer - (51103300)

(22) **TS** - Trim Screw #6 x 30mm - (52953911)

(70) **S30** - Wood Screw #8 x 1-1/16" - (52043517)

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

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

(16) **S3** - Wood Screw #8 x 2-1/2" - (52043522)

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

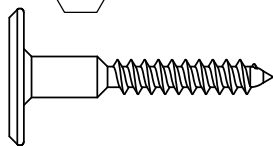
(36) **TN1** - 1/4" T - Nut - (54503200)

(2) **TN2** - 5/16" T - Nut - (54503300)

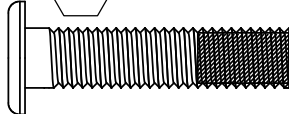
(5) **BN1** - 1/4" Barrel Nut - (54803200)

Add on "H" Hardware Identification (Actual Size)

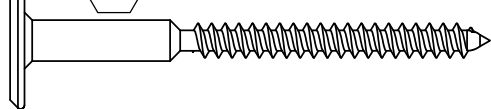
2pc. **WL3** - Wafer Lag 1/4 x 1-3/8" - (52613216)



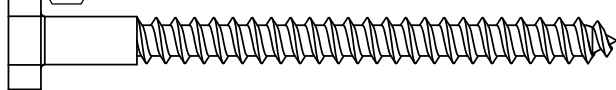
2pc. **WB1** - Wafer Bolt w/ Nylok 5/16 x 1" - (53613310)



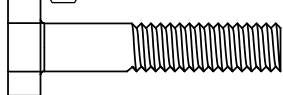
(17) **WL5** - Wafer Lag 1/4 x 2-1/2" - (52613222)



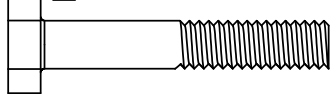
2pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



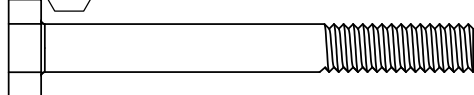
24pc. **H9** - Hex Bolt 1/4 x 1-1/4" - (53703211)



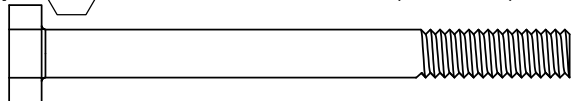
4pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



4pc. **H10** - Hex Bolt 1/4 x 2-1/4" - (53703221)

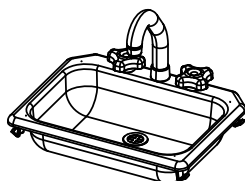


4pc. **H11** - Hex Bolt 1/4 x 2-3/4" - (53703223)

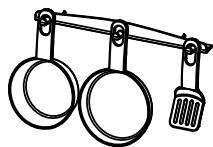


Part Identification (ADD ON K)

(1) Deluxe Kitchen Set (3320969)



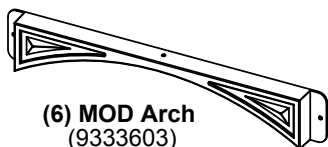
(1) Sink



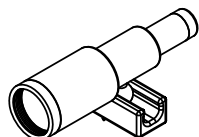
(1) Utensils with shelf



(1) Stove



(6) MOD Arch
(9333603)



(1) Telescope with Mount
(3320161)



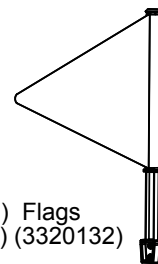
(1) Rocks (5pk)
(3320386)



(3) Jamb Mount (2 Pk)
(3206301)



(1) Flat Panel Bracket (4 Pk)
(3200641)



(1) Flags
(2pk) (3320132)

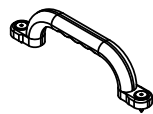


(1) Swing Hanger (6 Pk)
(3206106)

(1) Door Hardware (3201710)



(2) 9207711 Door Handle



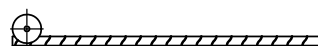
(1) Hand Grip
(9320240)



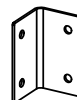
(1) KidKraft
I.D Plaque
(9320374)



1x- Kidkraft Logo Plaque
(3320353)

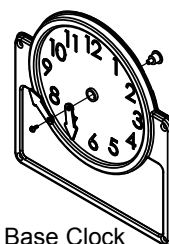


(1) Rebar Ground
Stake (6 Pk)
(3200318)



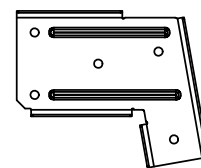
(1) L Beam Brkt.
(3200145) (2pk)

(1) Clock Subset (3320329)

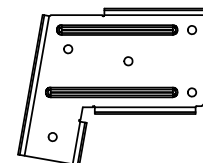


(1) Base Clock
(9320124)

(1) Beam Brkt. Set (3200143) (2pk)



(1) R Beam Bracket



(1) L Beam Bracket

(2) Quick Link
(Threaded)(4pk)
(3200020)

(1) Steel Acro
Bar
(9200131)

(2) Acro Handle
(9320131)

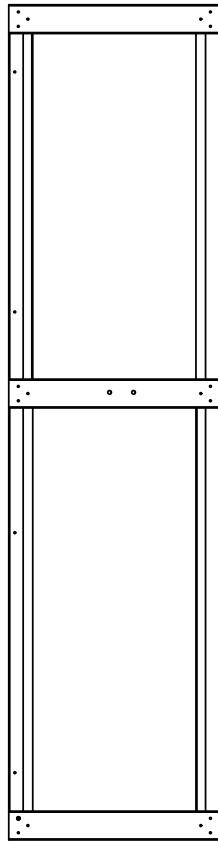
(2) Swing Belt Seat
(9320130)

(1) Welded Chain Bag (3200170)

(2) Short Chains

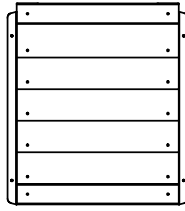
(4) Long Chains

Part Identification (ADD ON K)



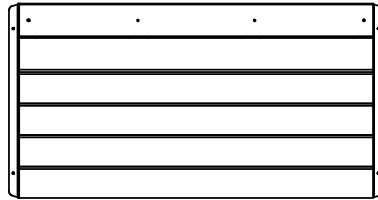
(2) **2677**

Narrow Panel 1¼ x 22 x 87"
37632677

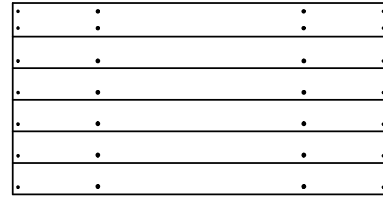


(8) **649A**

Short Half Wall 1.27 x 18.8 x 20-15/16"
37632649A

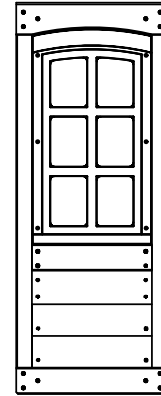


(1) **2665** Half Wall Insert 1.4 x 20-1/4 x 38.8"
37632665



2pc. - **2756**

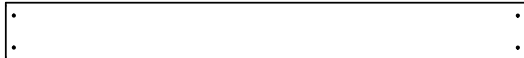
Siding Assembly 1¼ x 19-15/16 x 39-3/16"
37632756



(1) **2718**

Door Window Panel 1¼ x 15¾ x 40¾"
37602718B

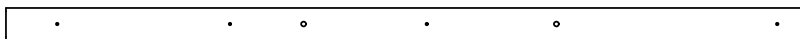
(5) **2609** - 1 x 5 x 40-5/8" Floor Board **3632609**



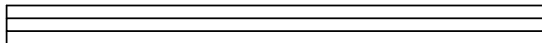
(1) **2681** - 1-1/4 x 3 x 62-5/8" Long Floor Joist **3632681**



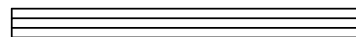
(2) **2805** - 5/4 x 3 x 62-1/2" Wall Tie **3632805**



(2) **2601** -Lower Jamb 1¼ x 3 x 41-15/16" **3632601**



(1) **2602** -Upper Jamb 1¼ x 3 x 35-15/16" **3632602**



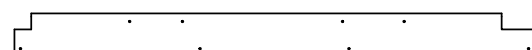
(1) **2687** -Counter Back 1 x 4 x 40-5/8" **3632687**



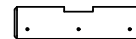
(1) **2686** -Counter Front 5/8 x 2¾ x 40-5/8" **3632686**



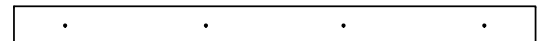
(1) **2685** -Counter Top 1 x 4 x 40-5/8" **3632685**



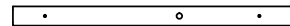
(1) **2715** - 5/4 x 3 x 10" Door Stop **3632715**



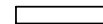
(1) **2608** - 1-1/4 x 3 x 40-3/4" Floor Joist **3632608**



(2) **2682** - 2 x 2 x 22-1/8" Short Side Joist **3632682**



(2) **2717** - Clock Block 3/4 x 1-3/4 x 9-3/4" **3632717**



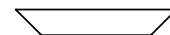
(4) **5736** - 1 x 2 x 8-1/4" Counter Joist **38045736**



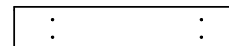
(2) **5536** - 5/8 x 2 x 6-3/4" Counter Side **38045536**



(2) **6136** - 1 x 2 x 12-9/16" Counter Brace **38046136**



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

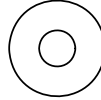


Part Identification (ADD ON K) -Actual size

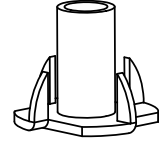
(43) **LW1** - 1/4" Lock Washer - (51303200)



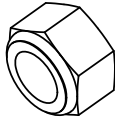
(5) **FW0** - 3/16" Flat Washer - (51103100)



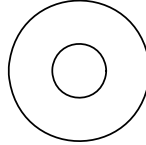
(38) **TN1** - 1/4" T - Nut (54503200)



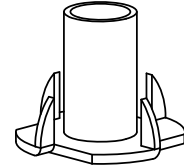
(23) **LN2** - 5/16" Lock Nut - (54303300)



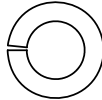
(42) **FW1** - 1/4" Flat Washer - (51103200)



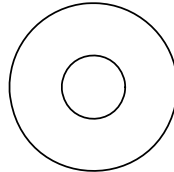
(10) **TN2** - 5/16" T - Nut - (54503300)



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

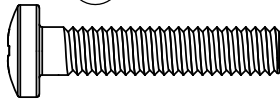


(56) **FW2** - 5/16" Flat Washer - (51103300)

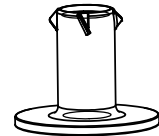


(5) **PB2** - Pan Bolt 1/4 x 1-1/4"

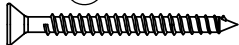
(53433212)



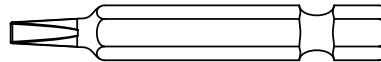
(5) **BN1** - 1/4" Barrel Nut - (54803200)



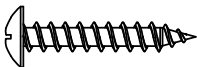
(22) **TS** - Trim Screw #6 x 30mm - (52953911)



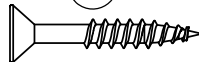
(1) **D4** - 2 x 2 Robertson Driver Bit - (9200014)



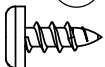
(100) **S0** - Truss Screw #8 x 7/8" - (52933505)



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



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

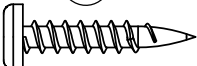


(65) **S30** - Wood Screw #8 x 1-1/16" - (52043517)

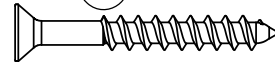


(9) **S10** - Pan Screw #8 x 1"

- (52433510)



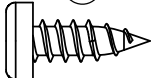
(117) **S20** - Wood Screw #8 x 1-3/8" - (52043516)



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



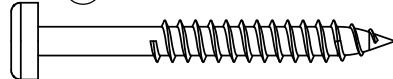
(16) **S8** - Pan Screw #12 x 3/4" - (52433603)



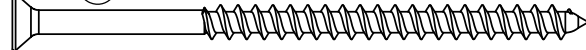
(16) **S3** - Wood Screw #8 x 2-1/2" - (52043522)



(20) **S7** - Pan Screw #12 x 2" - (52433620)

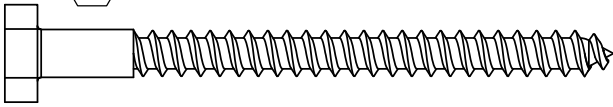


(4) **S4** - Wood Screw #8 x 3" - (52043530)

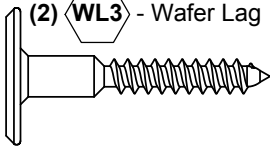


Part Identification (ADD ON K)

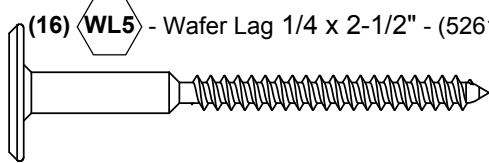
(2) **LS3** - Lag Screw 1/4 x 3" - (52213230)



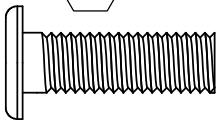
(2) **WL3** - Wafer Lag 1/4 x 1-3/8" - (52613216)



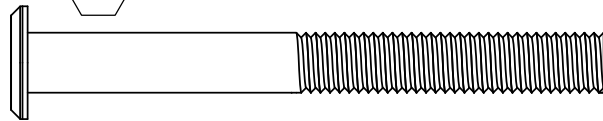
(16) **WL5** - Wafer Lag 1/4 x 2-1/2" - (52613222)



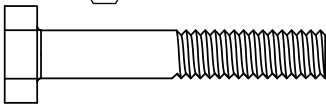
(2) **WB1** - Wafer Bolt 5/16 x 1" - (53613310)



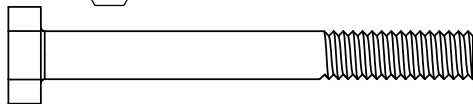
(3) **WB7** - Wafer Bolt 5/16 x 3" - (53613330)



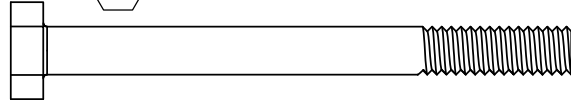
(24) **H9** - Hex Bolt 1/4 x 1-1/4" - (53703211)



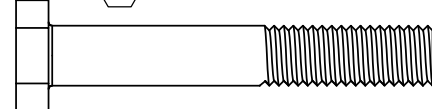
(8) **H10** - Hex Bolt 1/4 x 2-1/4" - (53703221)



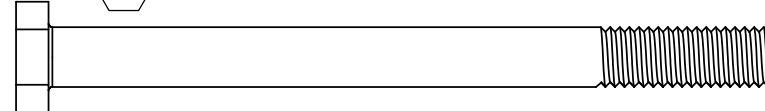
(6) **H11** - Hex Bolt 1/4 x 2-3/4" - (53703223)



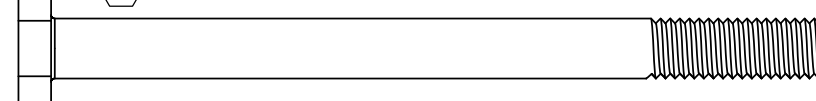
(4) **G8** - Hex Bolt 5/16 x 2" - (53703320)



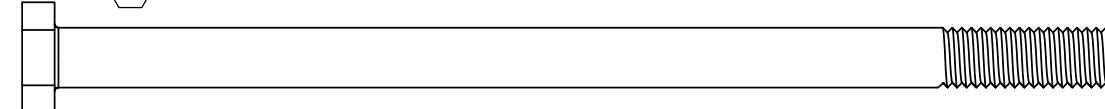
(7) **G21** - Hex Bolt 5/16 x 3-3/4" - (53703333)



(3) **G4** - Hex Bolt 5/16 x 4" - (53703340)

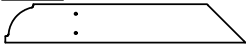


(14) **G7** - Hex Bolt 5/16 x 5-1/2" - (53703352)

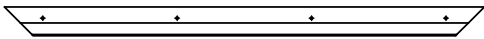


Part Identification (ADD ON L)

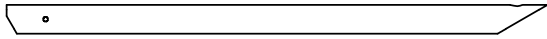
- (2) **[2793]** - 1-1/4 x 3 x 18-3/4" - Long Roof End - **3632793**



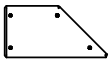
- (4) **[2760]** - Roof Support 1 1/4 x 2 1/4 x 37 1/2" **3632760**



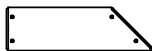
- (2) **[8587]** - 2 x 3 x 42-1/4" - Diagonal - **3638587**



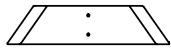
- (2) **[2791]** - 1 x 6 x 11" - Transom Board B - **3632791**



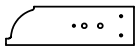
- (2) **[2790]** - 1 x 5 x 15 1/2" - Transom Board A - **3632790**



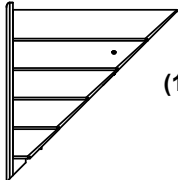
- (1) **[2688]** - 1-1/4 x 3 x 12-3/4" Dormer Cleat - **3632688**



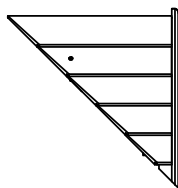
- (2) **[2759]** Roof End 1-1/4 x 3 x 10" **3632759**



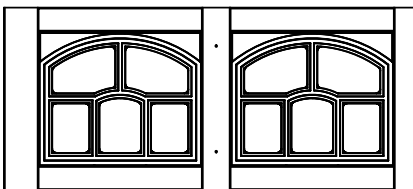
- (1) **[2699]** - 1-1/4 x 14.6 x 22" -Gable
Dormer Rt - **37632699**



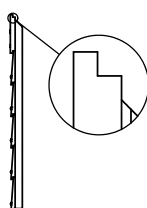
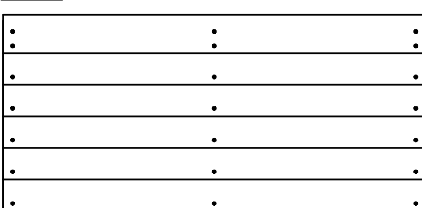
- (1) **[2689]** - 1-1/4 x 14.6 x 22" -Gable
Dormer Lt - **37632689**



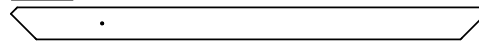
- (2) **[2818]** - Transom Window 1-1/4 x 19 x 43" **37632818**



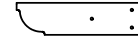
- (1) **[2752]** - MOD Roof Front 1 1/4 x 20-7/16 x 44" **37632752**



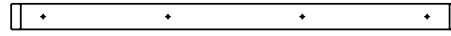
- (2) **[2788]** - 1-1/4 x 2-1/2 x 37-1/8" - Mid Roof Support - **3632788**



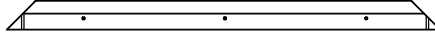
- (2) **[2816]** End Roof 1-1/4 x 2-1/2 x 10" **3632816**



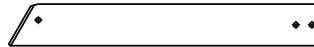
- (2) **[2761]** - Roof Sleeper C 3/4 x 2 x 35" **3632761**



- (2) **[2680]** - 1-1/4 x 2-1/4 x 34.10" - Roof Support - **3632680**



- (2) **[2824]** - 5/4 x 4 x 24 1/2" - Diagonal Support - **3632824**

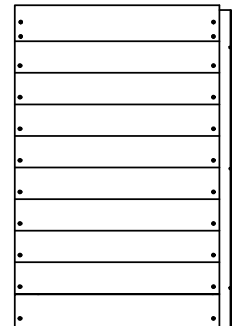


- (2) **[2684]** - 1-1/4 x 4-7/8 x 7" - Mid Roof End - **3632684**

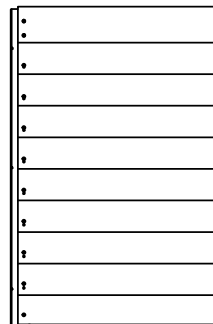


- (1) **[2672]** **37632672**

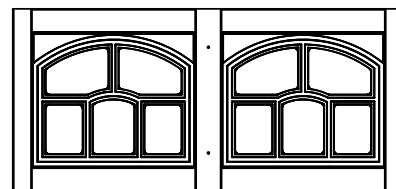
Front Small Roof 1 1/4 x 22-9/16 x 33-5/8"



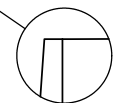
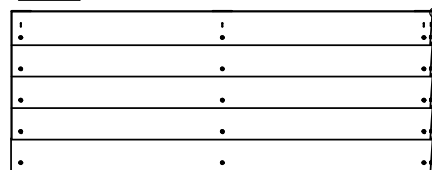
- (1) **[2671]** **37632671**
Back Small Roof 1 1/4 x 22-9/16 x 33-3/8"



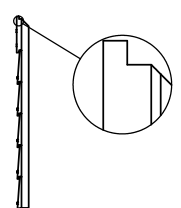
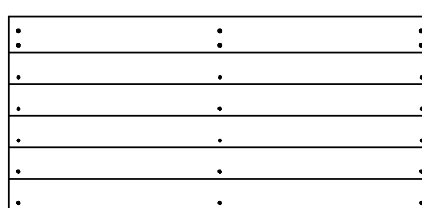
- (1) **[2822]** - Transom Window White 1-1/4 x 19 x 40-3/4" **37632822**



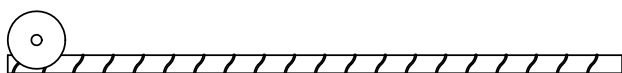
- (2) **[2751]** - MOD Roof Bottom 1-3/16 x 16-3/4 x 44" **37632751**



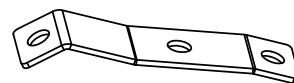
- (1) **[2753]** - MOD Roof Back 1 1/4 x 20-3/16 x 44" **37632753**



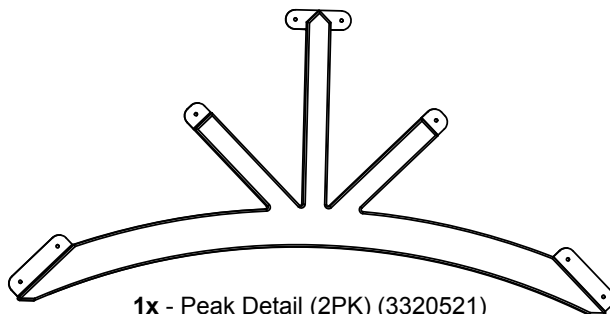
Part Identification (ADD ON L)



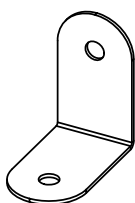
(2) Rebar Ground Stake (6 Pk) (9290318)



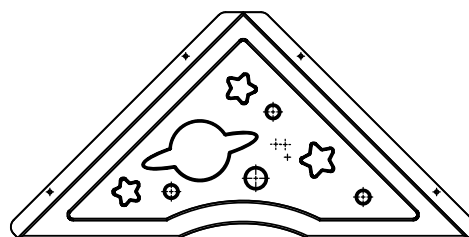
(1) Spiral Wave Bracket (2PK) (3201500)



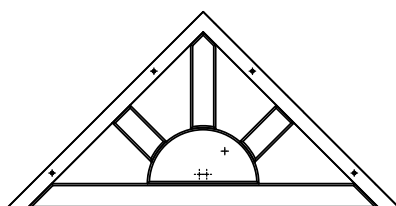
1x - Peak Detail (2PK) (3320521)



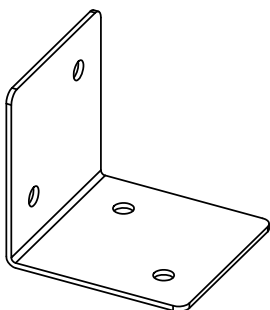
(2) Narrow Angle Bracket (3 Pk) (3200640)



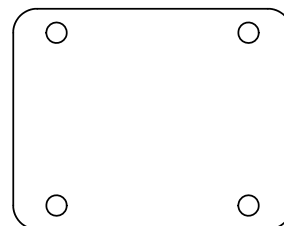
1x - Sky Gable (3330112)



1x - Door Roof Grill (3320566)



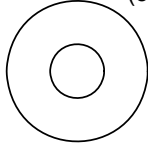
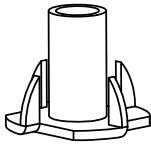
(1) Panel Corner Bracket (4 Pk) (3200675)



(1) Flat Panel Bracket (3 Pk) (3200647)

Part Identification (ADD ON L) Actual Size

- (4) **TN1** - 1/4" T - Nut
(54503200)
- (24) **FW1** - 1/4" Flat Washer
(51103200)



- (6) **LW1** - 1/4" Lock Washer
(51303200)



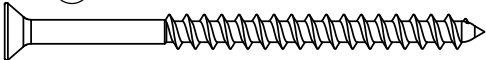
- (30) **S20** - Wood Screw #8 x 1-3/8" (52043516)



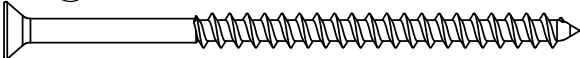
- (44) **S11** - Wood Screw #8 x 2" (52043520)



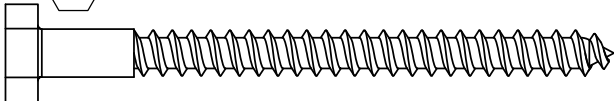
- (22) **S3** - Wood Screw #8 x 2 1/2" (52043522)



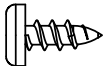
- (12) **S4** - Wood Screw #8 x 3" (52043530)



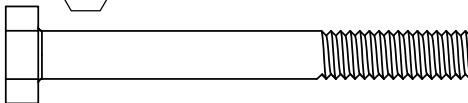
- (2) **LS3** - Lag Screw 1/4 x 3" - (52213230)



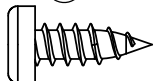
- (12) **S5** - Pan Screw #8 x 1/2" (52433502)



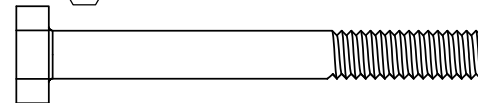
- (4) **H10** - Hex Bolt 1/4 x 2-1/4" - (53703221)



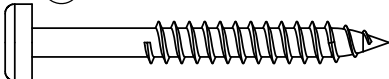
- (50) **S8** - Pan Screw #12 x 3/4" - (52433603)



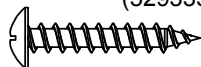
- (2) **H3** - Hex Bolt 1/4 x 2-1/2" - (53703222)



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

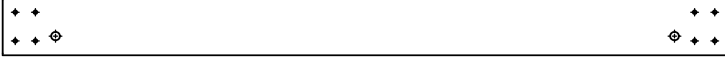


- (14) **S0** - Truss Screw #8 x 7/8" (52933505)



Part Identification (Add On "T")

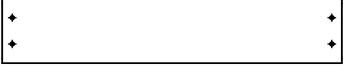
2pc. - **[9088]** Tunnel Side Joist 1-1/4 x 3 x 36" - 3639088



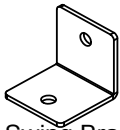
7pc. - **[9092]** Floor Board 1 x 5 x 16-7/8" - 3639092



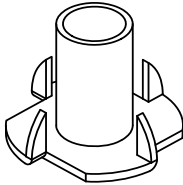
1pc. - **[9087]** Floor Board 1 x 4 x 16-7/8" - 3639087



2pc. - **[9086]** Tunnel Top 1-1/4 x 3 x 14-7/16" - 3639086



1pc. - **[9086]** Swing Bracket Set (4 Pk)
(3201532)

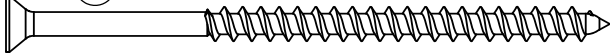


4pc. **(TN2)** - 5/16" T-Nut - (54503300)

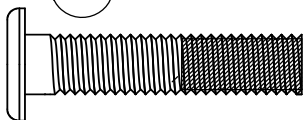
32pc. **(S20)** - Wood Screw #8 x 1-3/8" - (52043516)



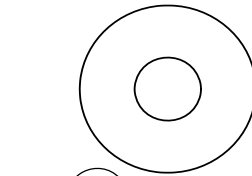
16pc. **(S4)** - Wood Screw #8 x 3" (52043530)



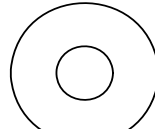
4pc. **(WB2)** - 5/16 x 1-3/8" Wafer Head Bolt w/ Nylok -(53613316)



2pc. **(LS2)** - Lag Screw 1/4 x 2-1/2" - (52213222)



4pc. **(FW2)** - 5/16" Flat Washer
(51103300)



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



10pc. **(LN4)** - #12 Lock Nut - (54303600)

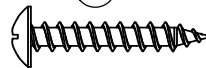
10pc. **(MB1)** - #12 x 1/2" Pan Bolt
(53433602)



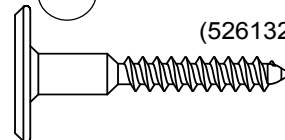
36pc. **(S10)** - #8 x 1 Pan Screw
(52433510)



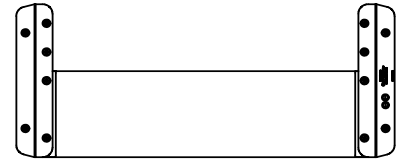
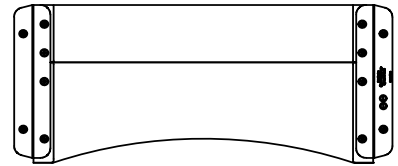
24pc. **(S0)** - Truss Screw #8 x 7/8"
(52933505)



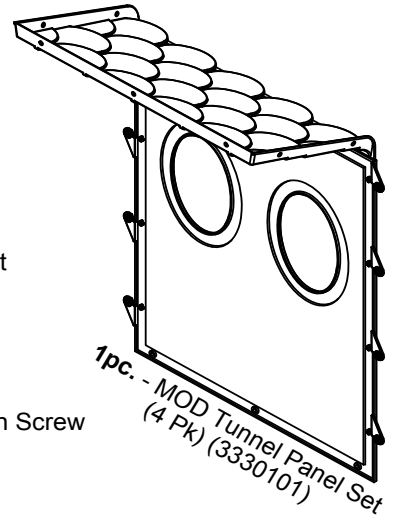
4pc. **(WL3)** - 1/4 x 1-3/8" Wafer Lag
(52613216)



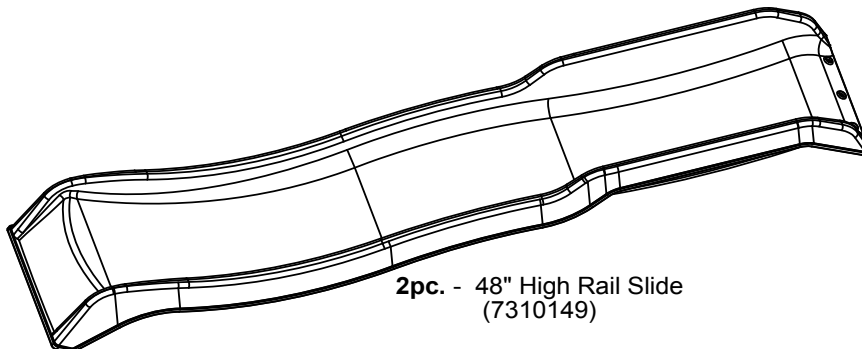
2pc. - **[9089]** Upper Tunnel Insert
1.27 x 8-1/4 x 18.8" - 37639089



2pc. - **[9084]** Lower Tunnel Insert
1.27 x 8 x 18.8" - 37639084

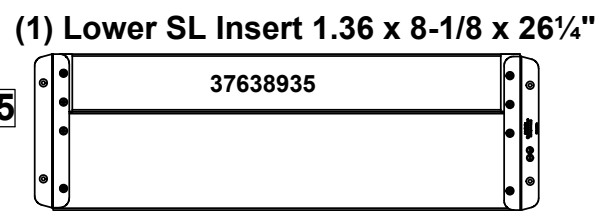
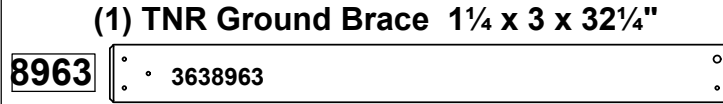
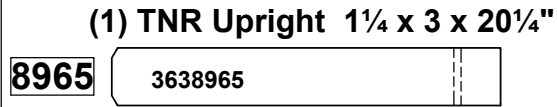
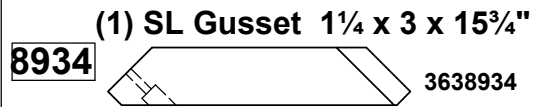


1pc. - MOD Tunnel Panel Set
(4 Pk) (3330101)

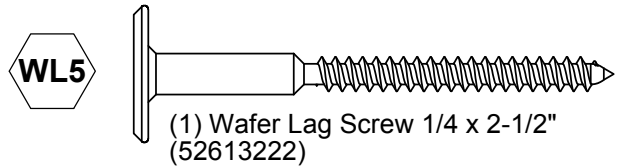
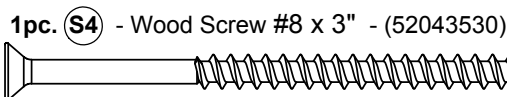
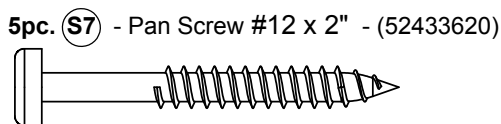
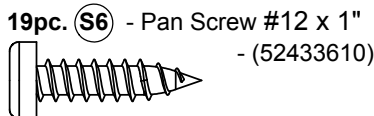
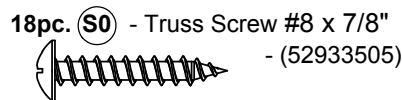
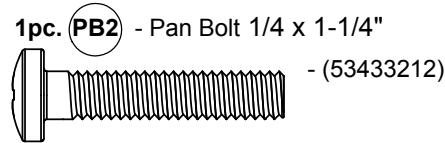
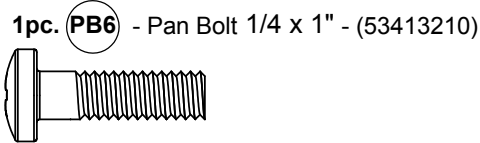
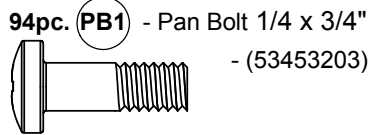


2pc. - 48" High Rail Slide
(7310149)

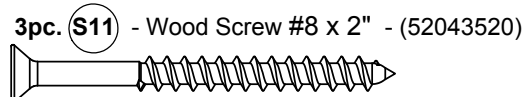
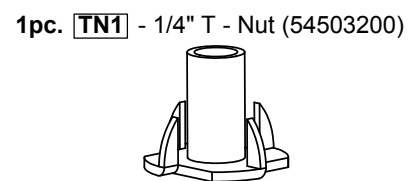
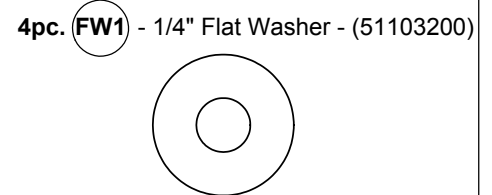
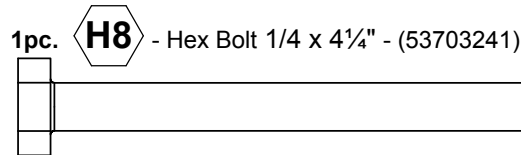
Part Identification (Reduced Part Size)



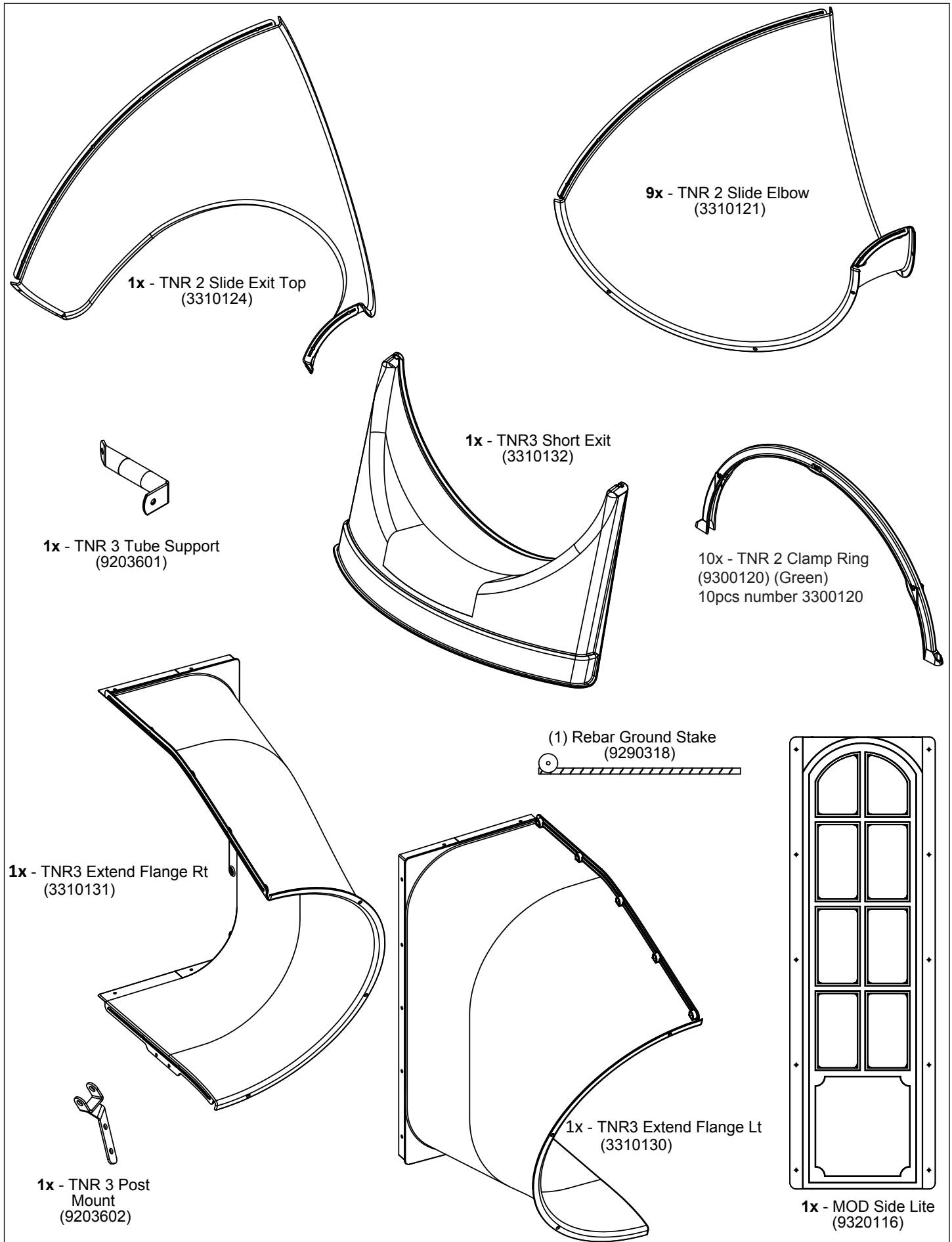
Part Identification (Actual Part Size)



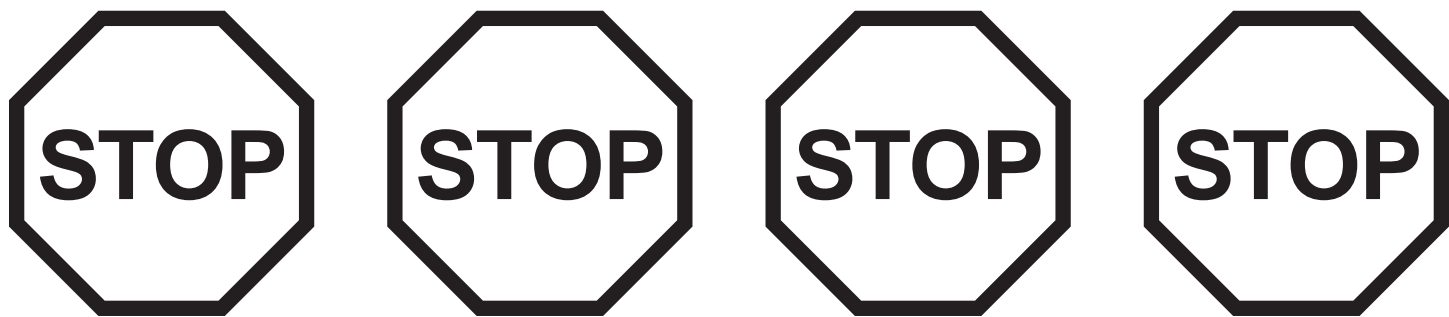
1x (D1) - Quadrex
 Driver Bit (9200015)



Part Identification (Reduced Part Size)



Step 1: Inventory Parts - Read This Before Starting Assembly



- A. This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
- The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
 - Please refer to Page 6 for proper hardware assembly.
 - Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B. If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.
- 1.800.933.0771 or 972.385.0100**
customerservice@kidkraft.com
canadacustomerservice@kidkraft.com
For online parts replacement visit
<https://parts.kidkraft.com/>

+31 20 305 8620
europcustomerservice@KidKraft.com
For online parts replacement visit
<https://parts.kidkraft.eu/>
- C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information.
- D. Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the KidKraft ID Plaque (9320374).
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F25040	
CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 1)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 4)
CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 2)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 5)
CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 3)	CARTON I.D. STAMP: __ __ __ __ 14459 __ (Box 6)
TRACKING NUMBER (from ID Plaque): _____	

Step 1: Front/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: Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 1.1)

C: Tap 3 (TN1) 1/4" 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)

Fig. 1.1

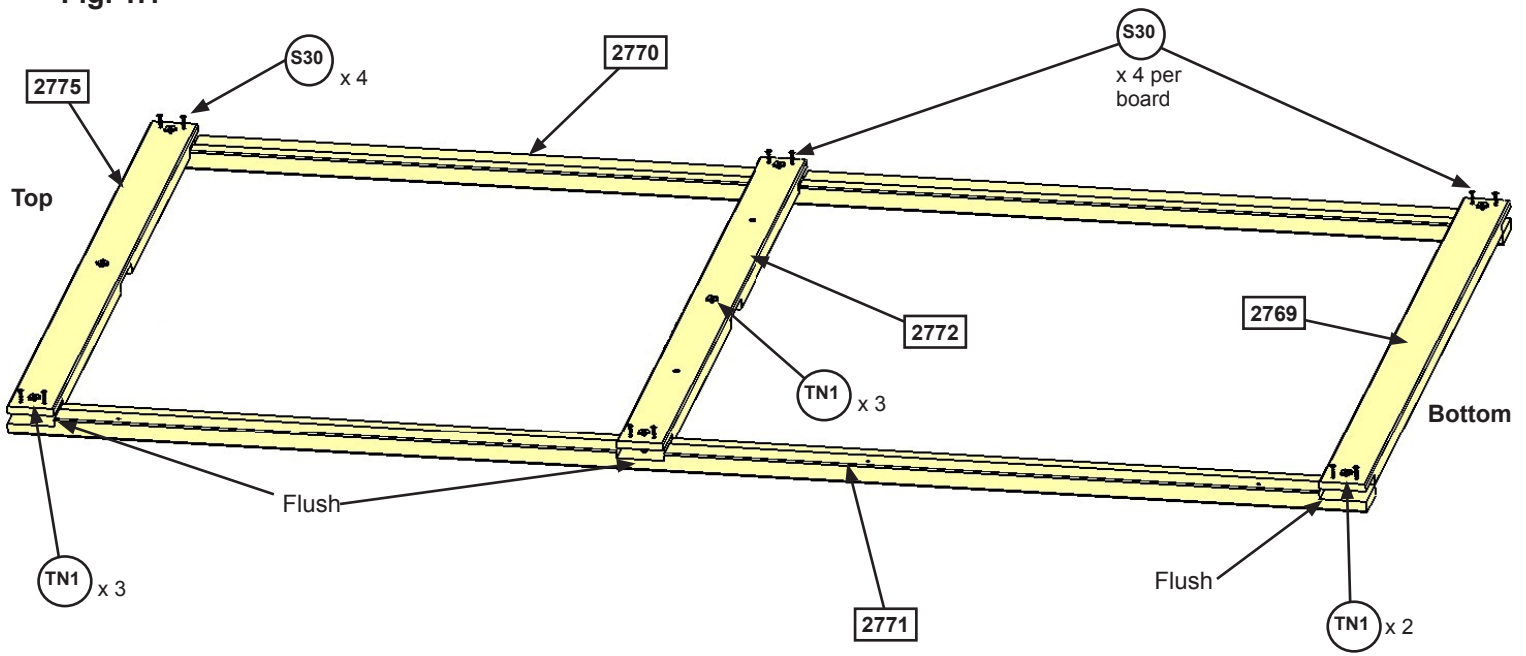
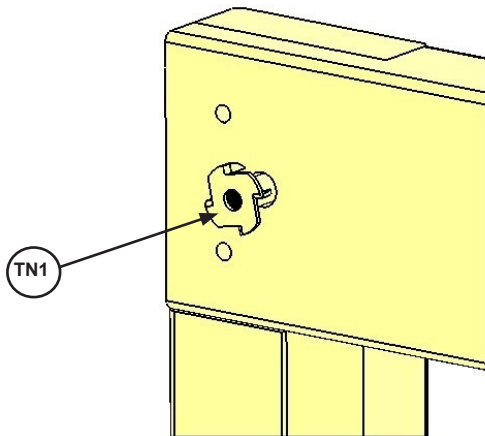


Fig. 1.2



Wood Parts

4 x	(2771)	End Post 1-1/4 x 2-1/2 x 87"
4 x	(2770)	End Post Left 1-1/4 x 2-1/2 x 87"
4 x	(2775)	Panel Cross Support 1-1/4 x 3 x 42"
4 x	(2772)	Panel Floor Support 1-1/4 x 3 x 42"
4 x	(2769)	Panel BT Frame 1-1/4 x 3 x 42"

Hardware

48 x	(S30)	#8 x 1-1/16" Wood Screw
32 x	(TN1)	1/4" T-nut

Step 1: Front/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) 1/4 x 1-1/4" 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 to make 3 more Front/Back Wall Assemblies.

Fig. 1.3

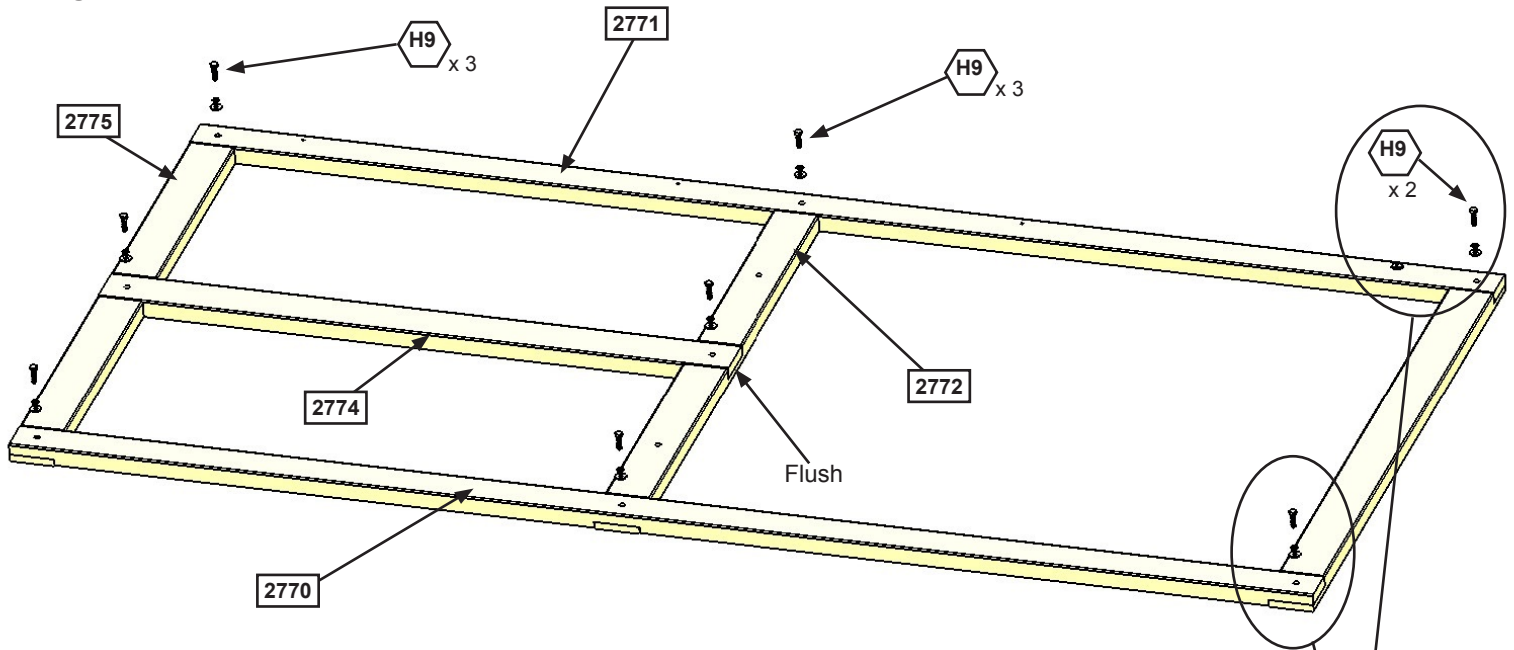
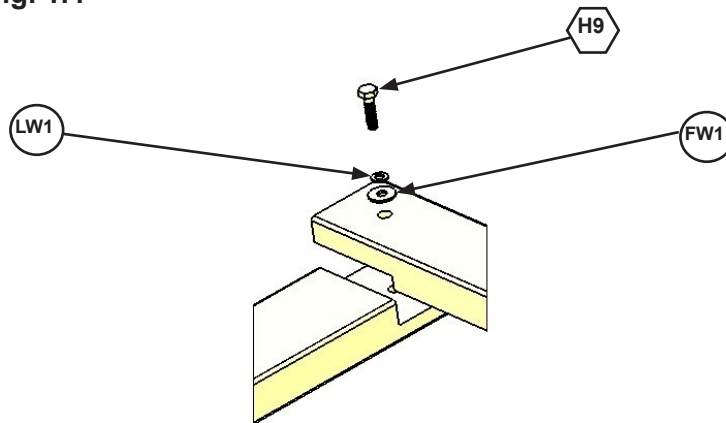


Fig. 1.4



These hex bolts, flat washers and lock washers will be removed on one assembly in the next step.

Wood Parts

4 x (2774) Upright 1-1/4 x 3 x 42"

Hardware

32 x (H9) 1/4 x 1-1/4" Hex Bolt
(1/4" lock washer & 1/4" flat washer)

Step 1: Front/Back Wall Prep

Part 3



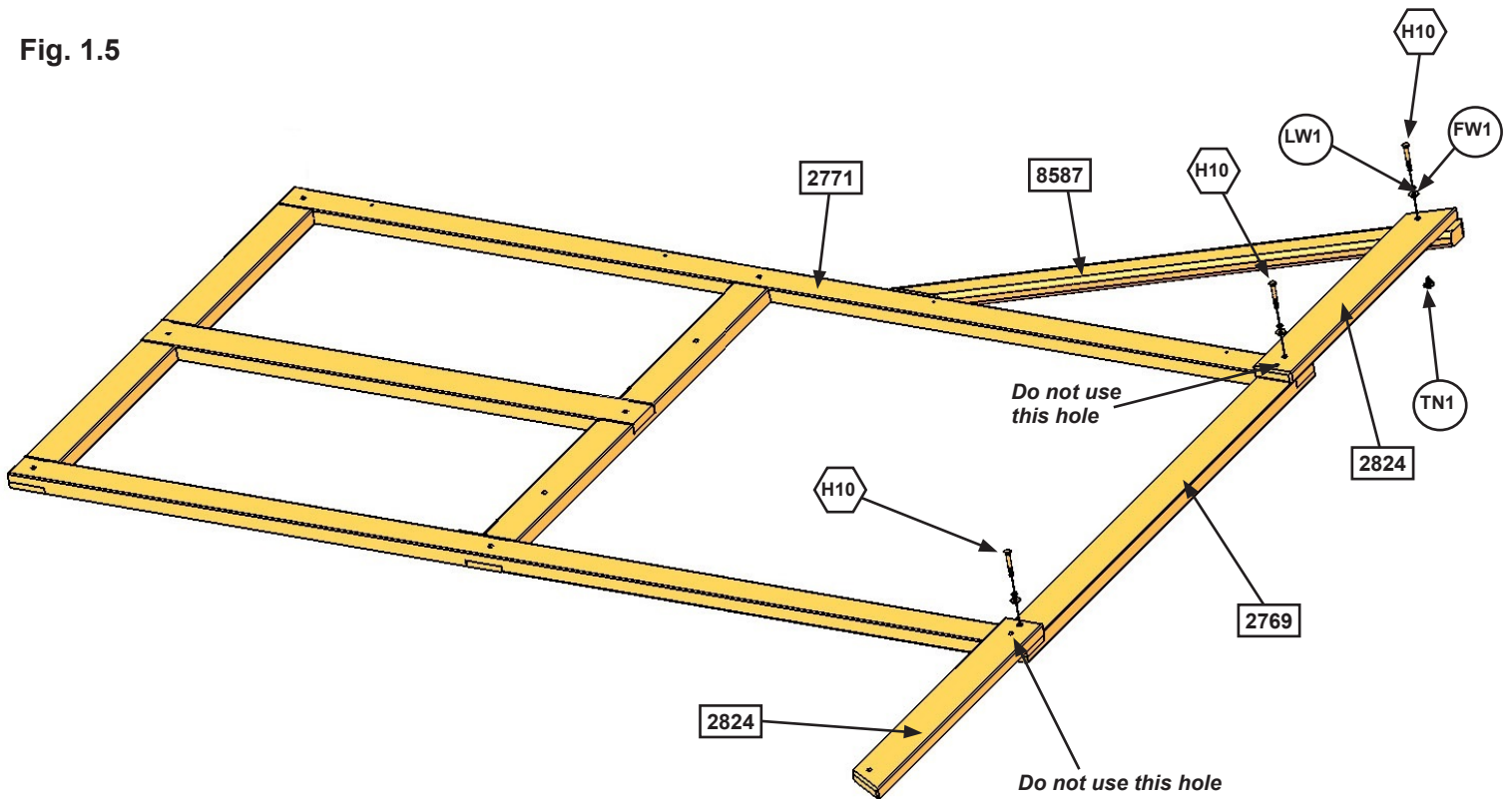
It is important to assemble the frame on a flat, smooth surface.

F: Remove the 2 (H9) 1/4 x 1-1/4" Hex Bolts at the bottom of one Front/Back Wall Assembly. Keep the flat washers and lock washers and do not remove the t-nuts. (fig. 1.5)

G: Place 1 (2824) Diagonal Support to each side of (2769) Panel BT Frame, notice the hole locations and attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt per board connecting to previously installed t-nuts. (fig. 1.5)

H: Place 1 (8587) Diagonal under (2824) Diagonal Support on the right hand side so the top sits against (2771) End Post and loosely attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 1.5)

Fig. 1.5



Wood Parts

- 2 x 2824 Diagonal Support 5/4 x 4 x 24-1/2"
- 1 x 8587 Diagonal 2 x 3 x 42-1/4"

Hardware

- 3 x H10 1/4 x 2-1/4" Hex Bolt
((1) 1/4" lock washer, (1) 1/4" flat washer and (1) 1/4" t-nut)

Step 2: End 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. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves and (2768) Panel Floor in the middle grooves. (fig. 2.1)

B: Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 2.1)

C: Tap in 2 (TN1) 1/4" T-nuts in (2768) Panel Floor and each (2769) Panel BT Frame. (fig. 2.1 and 2.2)

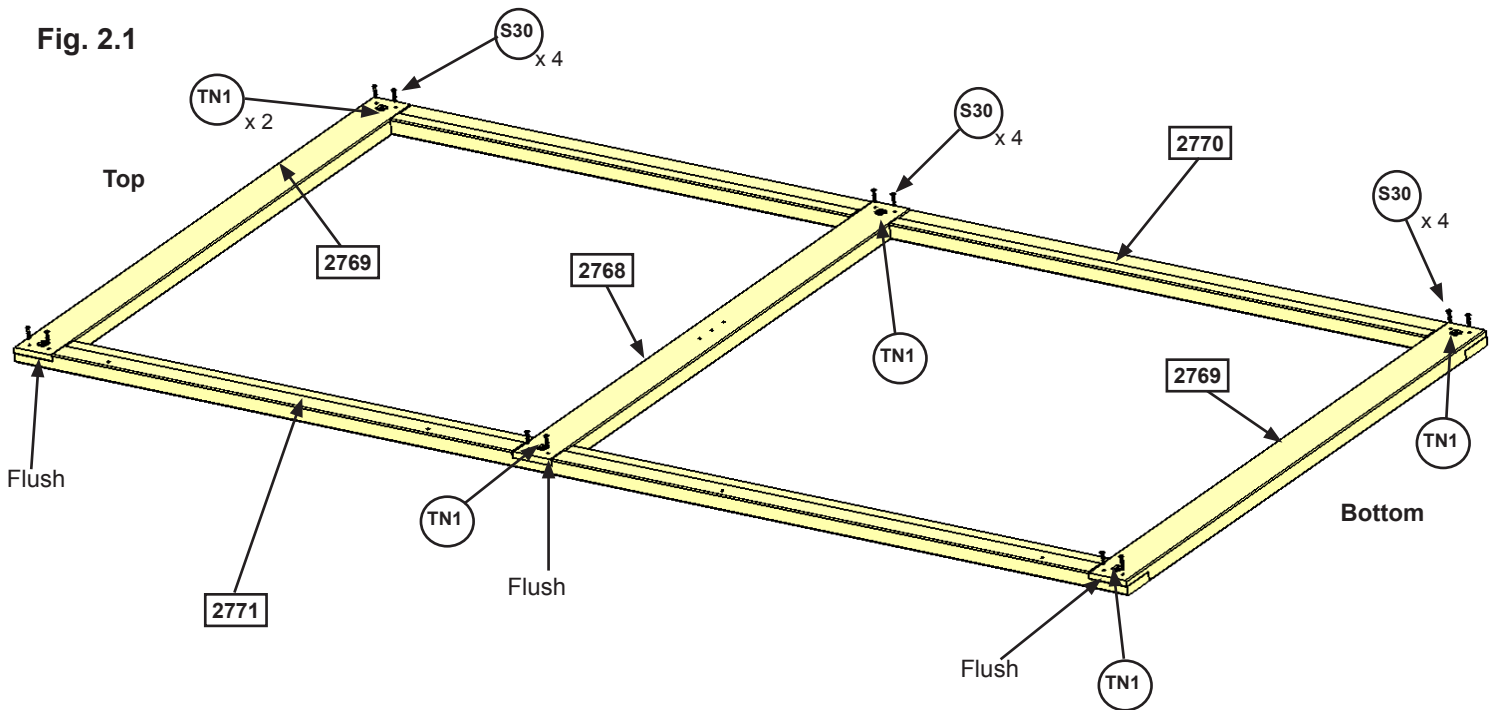
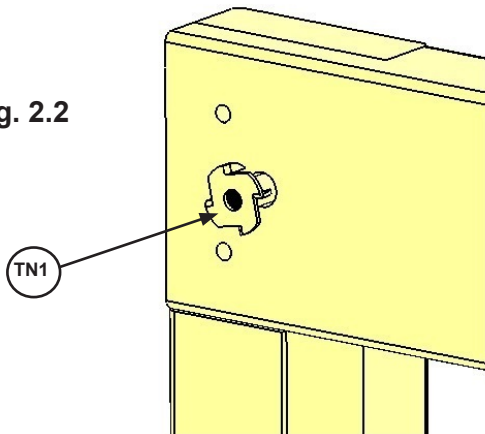


Fig. 2.2



Wood Parts

2 x	(2768)	Panel Floor 1-1/4 x 3 x 42"
4 x	(2769)	Panel BT Frame 1-1/4 x 3 x 42"
2 x	(2771)	End Post 1-1/4 x 2-1/2 x 87"
2 x	(2770)	End Post Left 1-1/4 x 2-1/2 x 87"

Hardware

24 x	(S30)	#8 x 1-1/16" Wood Screw
12 x	(TN1)	1/4" 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, make sure distance between (2768) Panel Floor and bottom (2769) measures 42" then attach all boards with 5 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

F: Place 1 (2778) SW Ground MOD on the right side of (2769) Panel BT Frame, notice the hole locations and attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer and flat washer) per board connecting to previously installed t-nuts. (fig. 2.3)

G: Place 1 (2607) Diagonal under (2778) SW Ground MOD so the top sits against (2771) End Post and loosely attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 2.3 and 2.5)

H: Repeat steps A-G to make a second End Wall Assembly.

Fig. 2.4

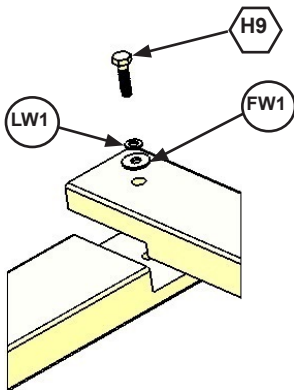


Fig. 2.5

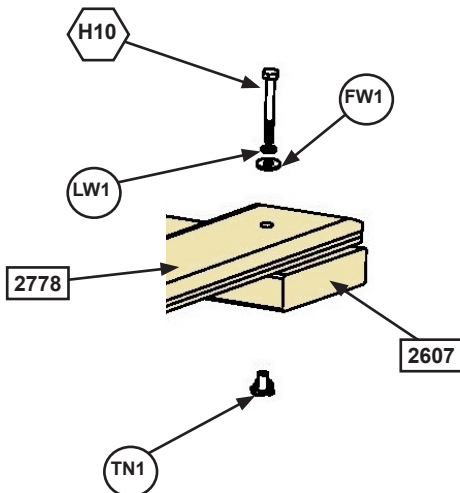
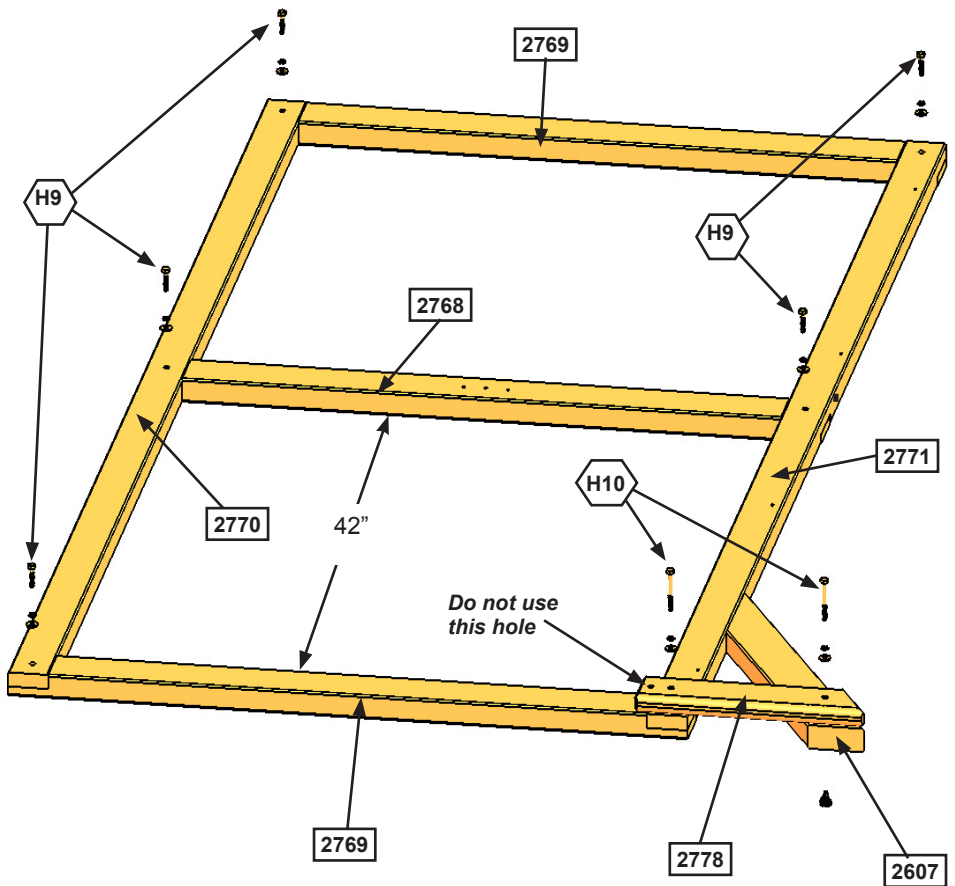


Fig. 2.3



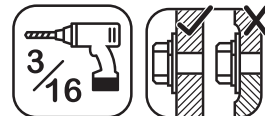
Wood Parts

- 2 x 2778 SW Ground MOD 5/4 x 4 x 14-1/4"
- 2 x 2607 Diagonal 1-1/4 x 3 x 22"

Hardware

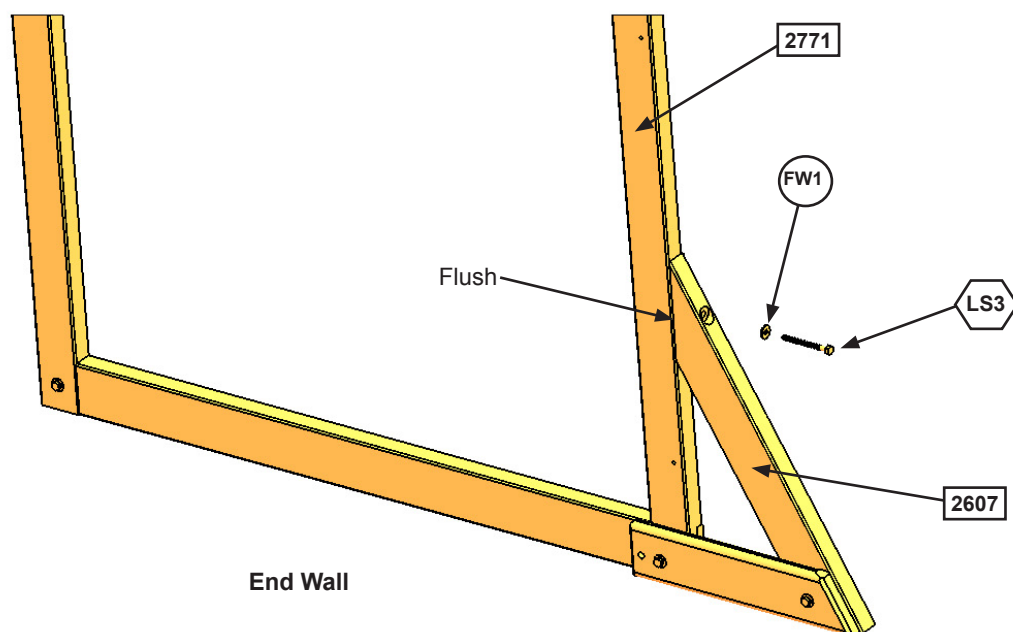
- 10 x H9 1/4 x 1-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer)
- 4 x H10 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer and (2) 1/4" t-nut)

Step 2: End Wall Prep Part 3



I: On each End Wall make sure (2607) Diagonal is tight and flush to the front of (2771) End Posts then pre-drill pilot holes with a 3/16" drill bit and attach (2607) Diagonals to the End Walls with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per wall, checking that (2607) Diagonals remain flush to front edges. (fig. 2.6)

Fig. 2.6



Hardware

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

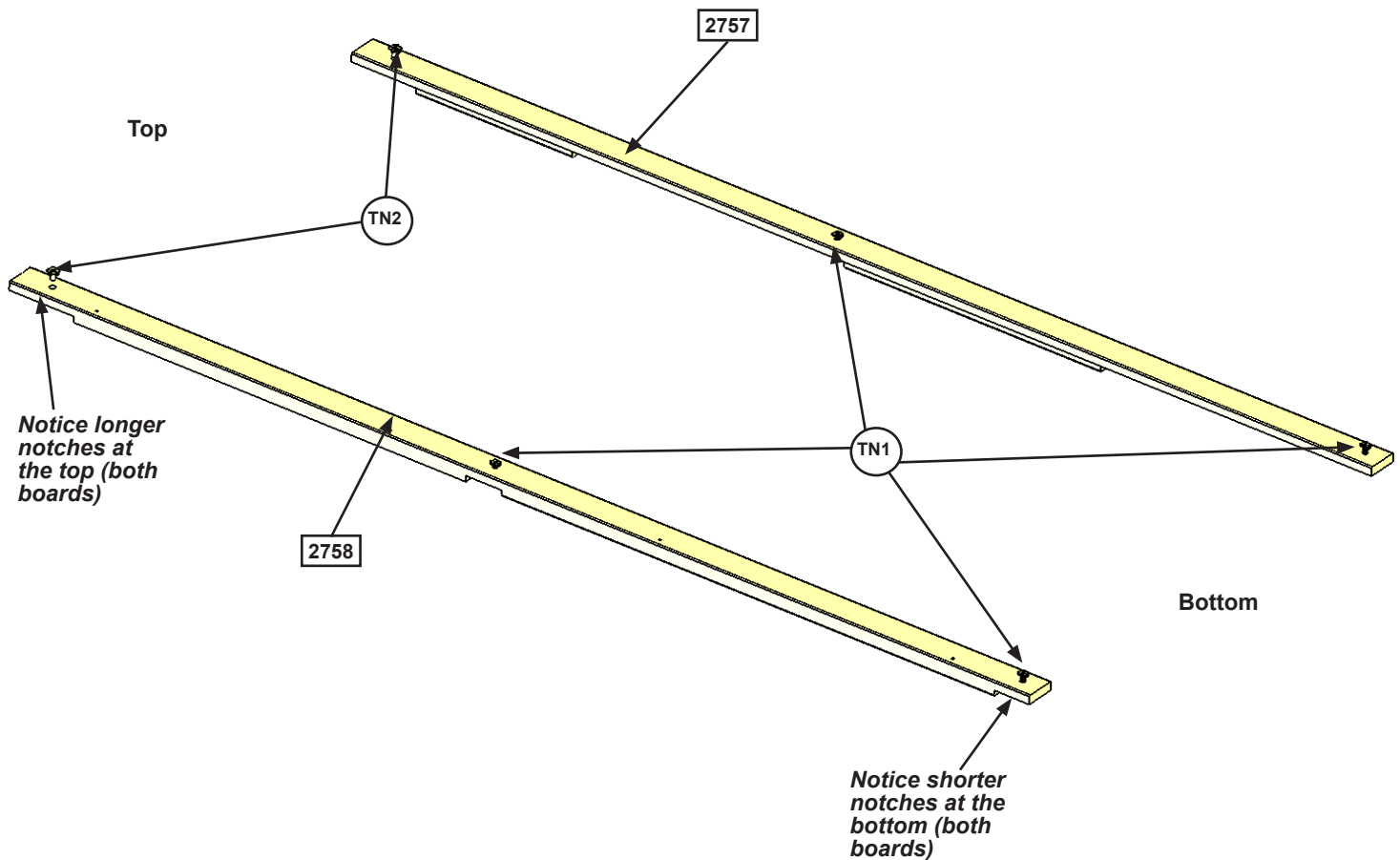
Step 3: Swing Wall Prep Part 1

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) 5/16" T-nut in the top holes and 1 (TN1) 1/4" T-nut in the middle and bottom holes. (fig. 3.1)

Fig. 3.1



Wood Parts

- 2 x 2757 LT Post Assembly 1-1/4 x 2-1/2 x 87"
- 2 x 2758 RT Post Assembly 1-1/4 x 2-1/2 x 87"

Hardware

- 4 x TN2 5/16" T-nut
- 8 x TN1 1/4" 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 then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 3.4)

E: Repeat steps A-D to make a second Swing Wall Assembly.

Fig. 3.2

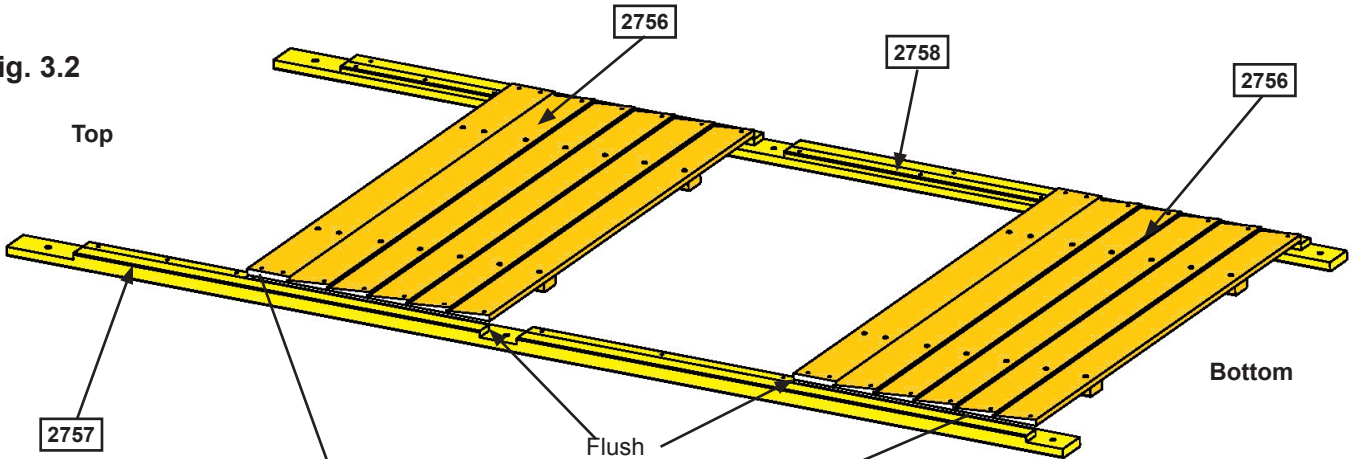
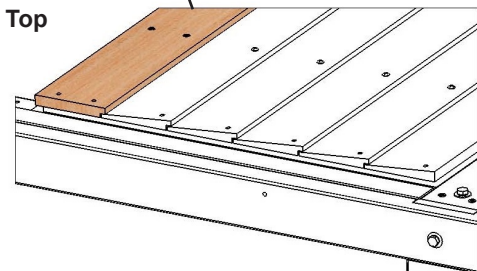
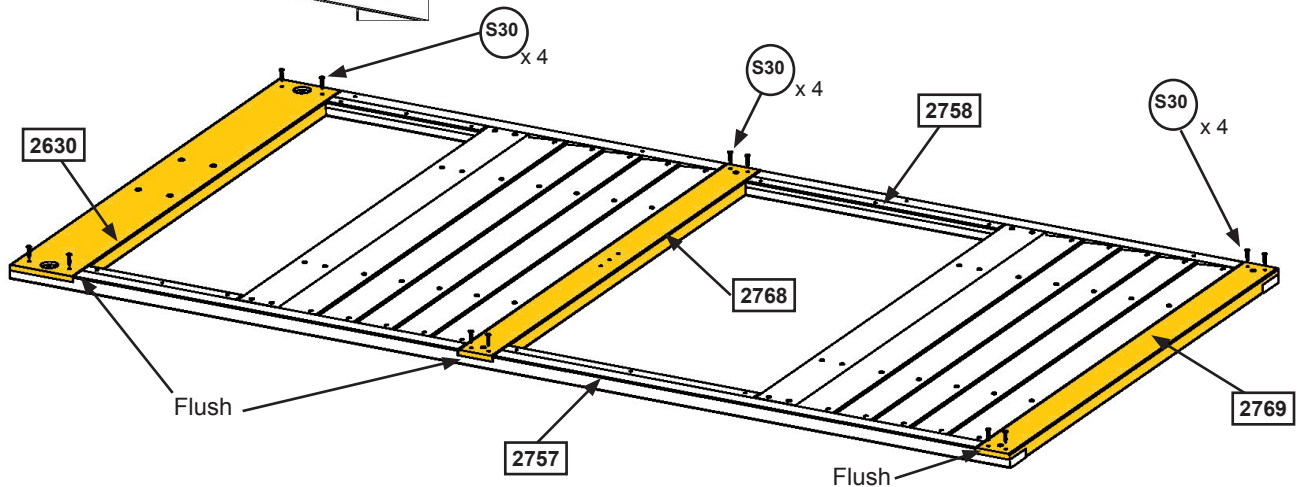


Fig. 3.3



Notice Orientation of both (2756) Siding Assemblies.

Fig. 3.4



Wood Parts

- 4 x 2756 Siding Assembly 1-1/4 x 19-15/16 x 39-3/16"
- 2 x 2630 SW Top 1-1/4 x 5-1/2 x 42"
- 2 x 2768 Panel Floor 1-1/4 x 3 x 42"
- 2 x 2769 Panel BT Frame 1-1/4 x 3 x 42"

Hardware

- 24 x S30 #8 x 1-1/16" Wood Screw

Step 3: Swing Wall Prep Part 3



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

F: On one assembly attach (2630) SW Top to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (WB1) 5/16 x 1" Wafer Bolts (with flat washer) connecting to previously installed t-nut. (fig. 3.5 and 3.6)

G: On one assembly attach (2768) Panel Floor and (2769) Panel BT Frame to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) per board, connecting to previously installed t-nuts. (fig. 3.5)

Fig. 3.6

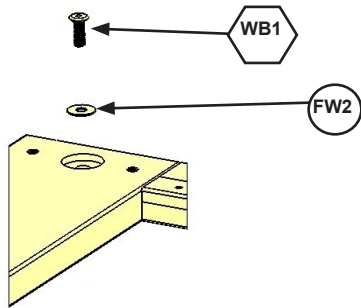
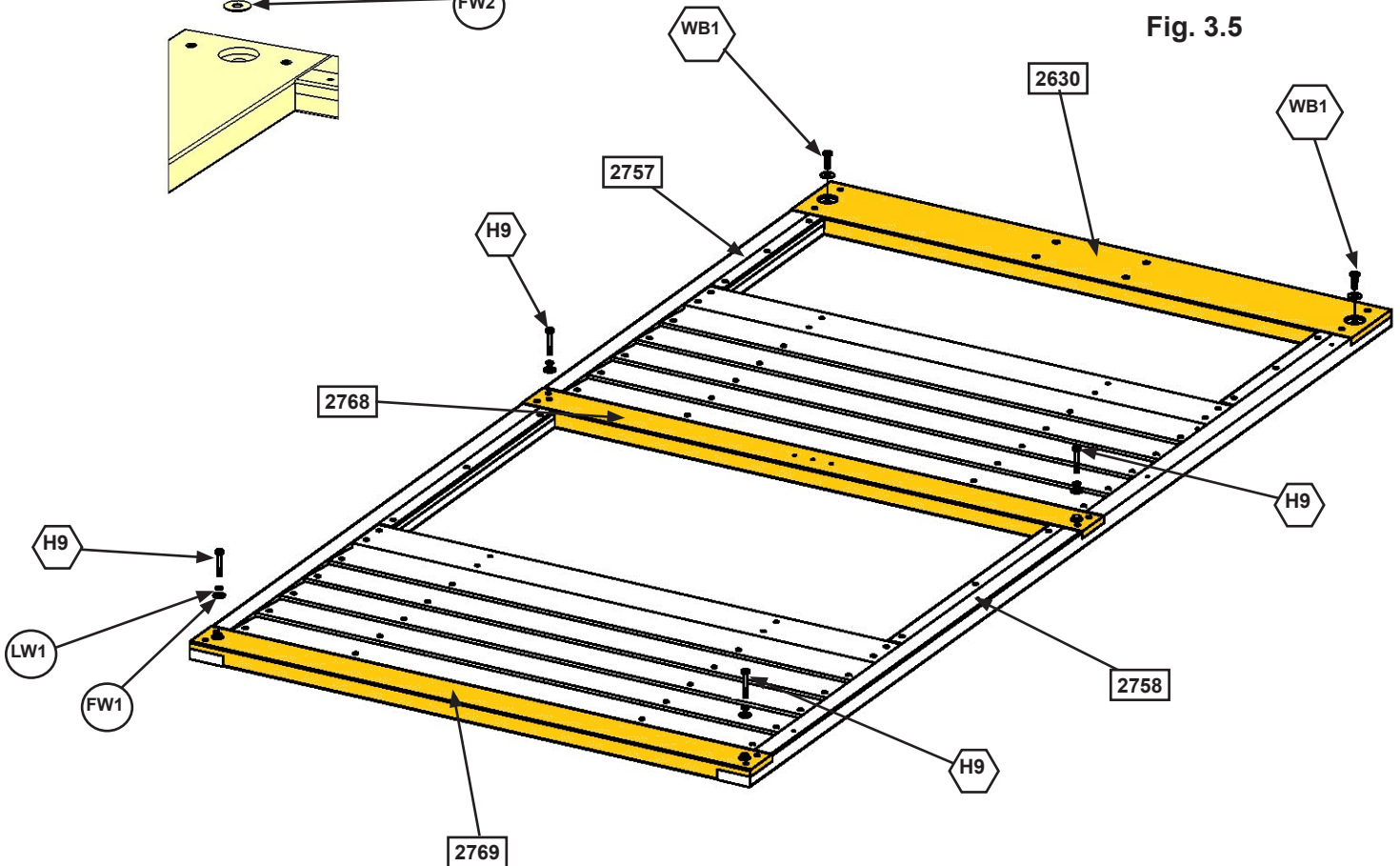


Fig. 3.5



Hardware

2 x WB1 5/16 x 1" Wafer Bolt (5/16" flat washer)

4 x H9 1/4 x 1-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer)

Step 3: Swing Wall Prep Part 4



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

H: On the remaining assembly attach (2630) SW Top to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (WB1) 5/16 x 1" Wafer Bolts (with flat washer) connecting to previously installed t-nuts per assembly. (fig. 3.7 and 3.8)

I: Attach (2768) Panel Floor to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) connecting to previously installed t-nuts per assembly. (fig. 3.7)

J: Place 1 (2778) SW Ground MOD to each side of (2769) Panel BT Frame, notice the hole locations and attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer and flat washer) per board connecting to previously installed t-nuts. (fig. 3.7 and 3.9)

K: 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) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 3.7 and 3.9)

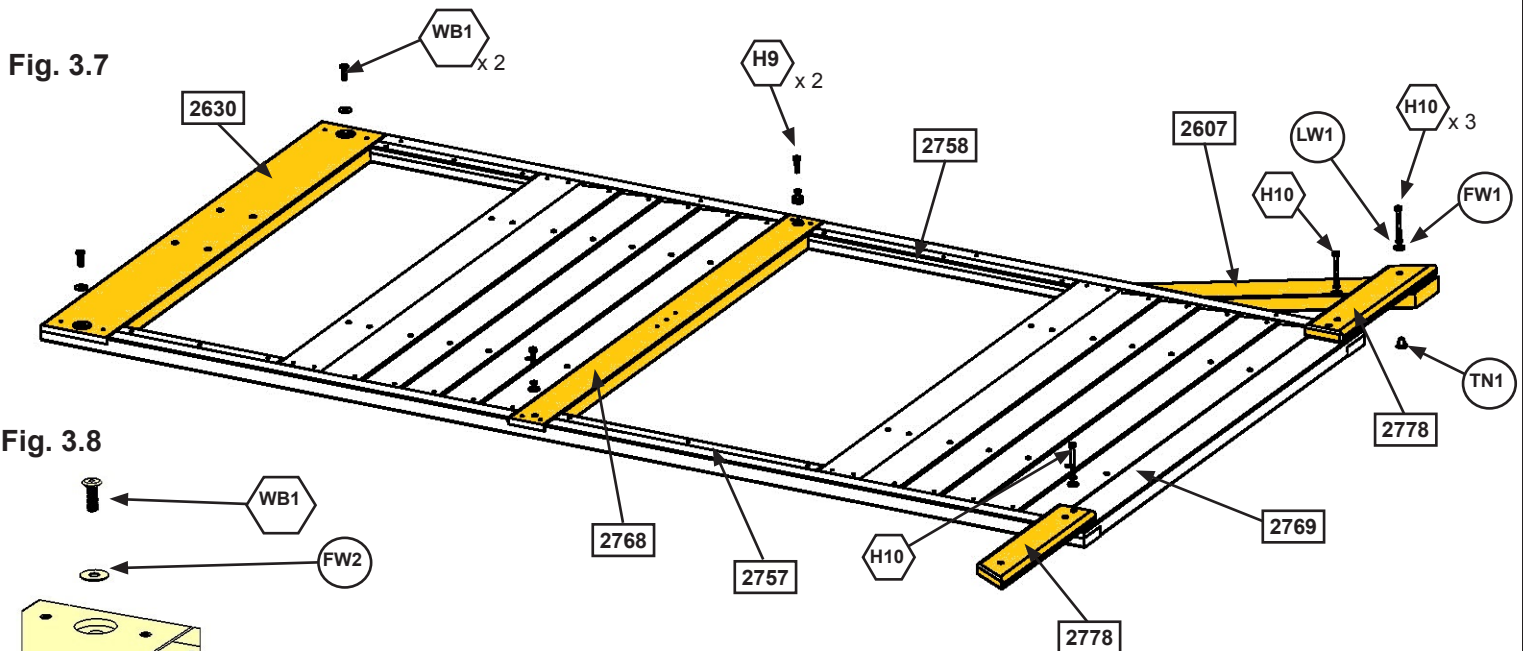
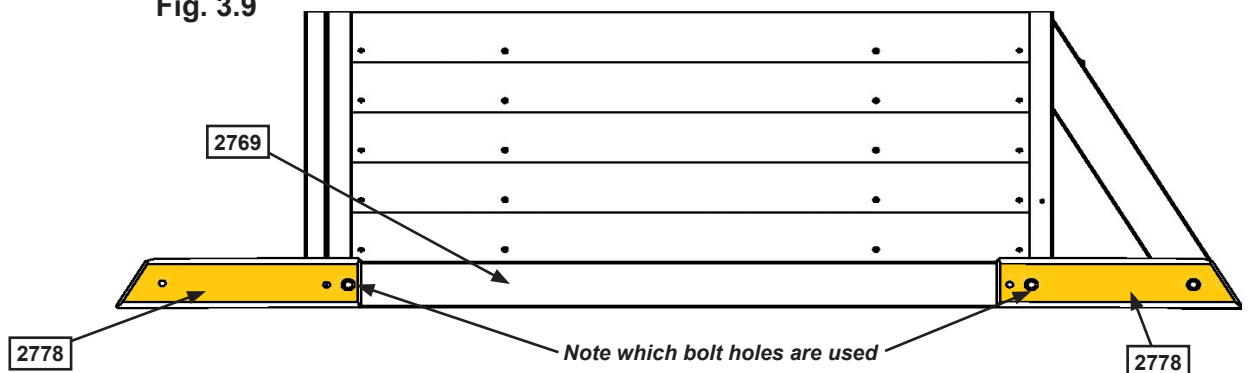


Fig. 3.8

Fig. 3.9



Wood Parts

- 2 x 2778 SW Ground MOD 5/4 x 4 x 14-1/4"
- 1 x 2607 Diagonal 1-1/4 x 3 x 22"

Hardware

- 2 x WB1 5/16 x 1" Wafer Bolt (5/16" flat washer)
- 2 x H9 1/4 x 1-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer)
- 3 x H10 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer and (1) 1/4" t-nut)

Step 3: Swing Wall Prep Part 5

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

L: On both assemblies attach the top board in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 3.10 and 3.11)

M: On both assemblies attach the remaining boards in each (2756) Siding Assembly to (2757) LT Post Assembly and (2758) RT Post Assembly with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 3.10 and 3.11)

Fig. 3.10

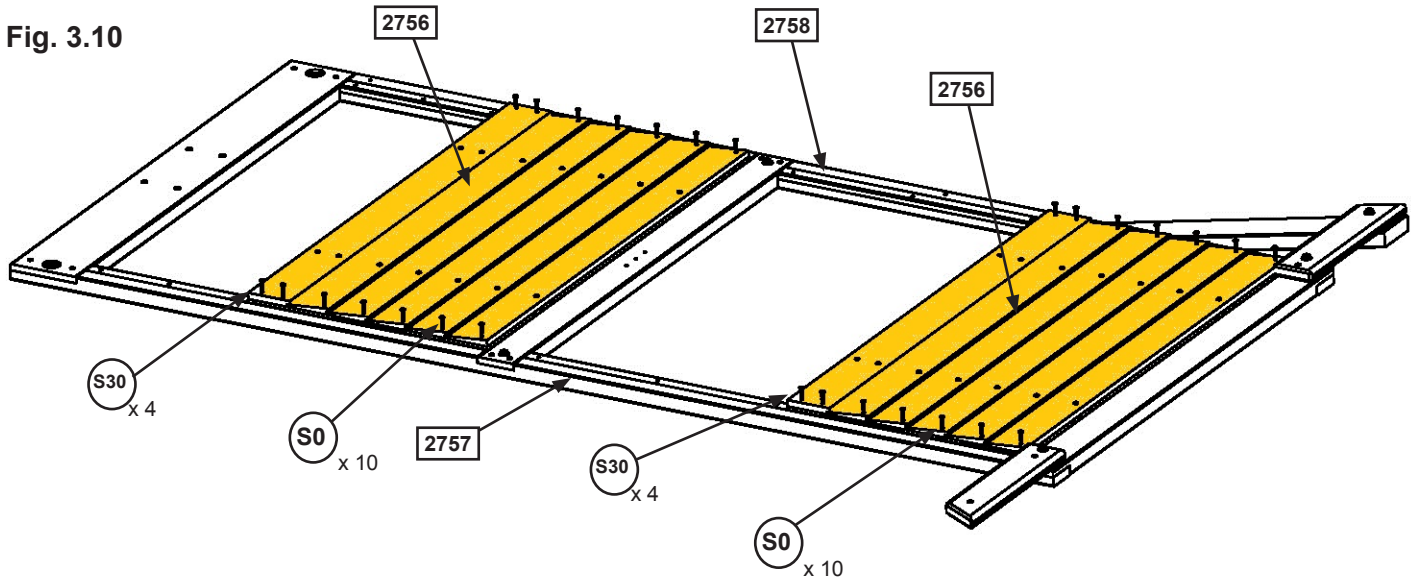
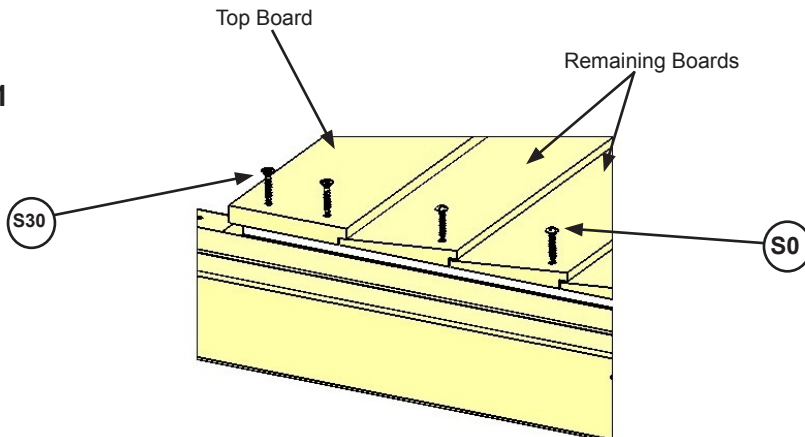


Fig. 3.11



Hardware

16 x (S30) #8 x 1-1/16" Wood Screw

40 x (S0) #8 x 7/8" Truss Screw

Step 4: Large Fort Frame Assembly Part 1

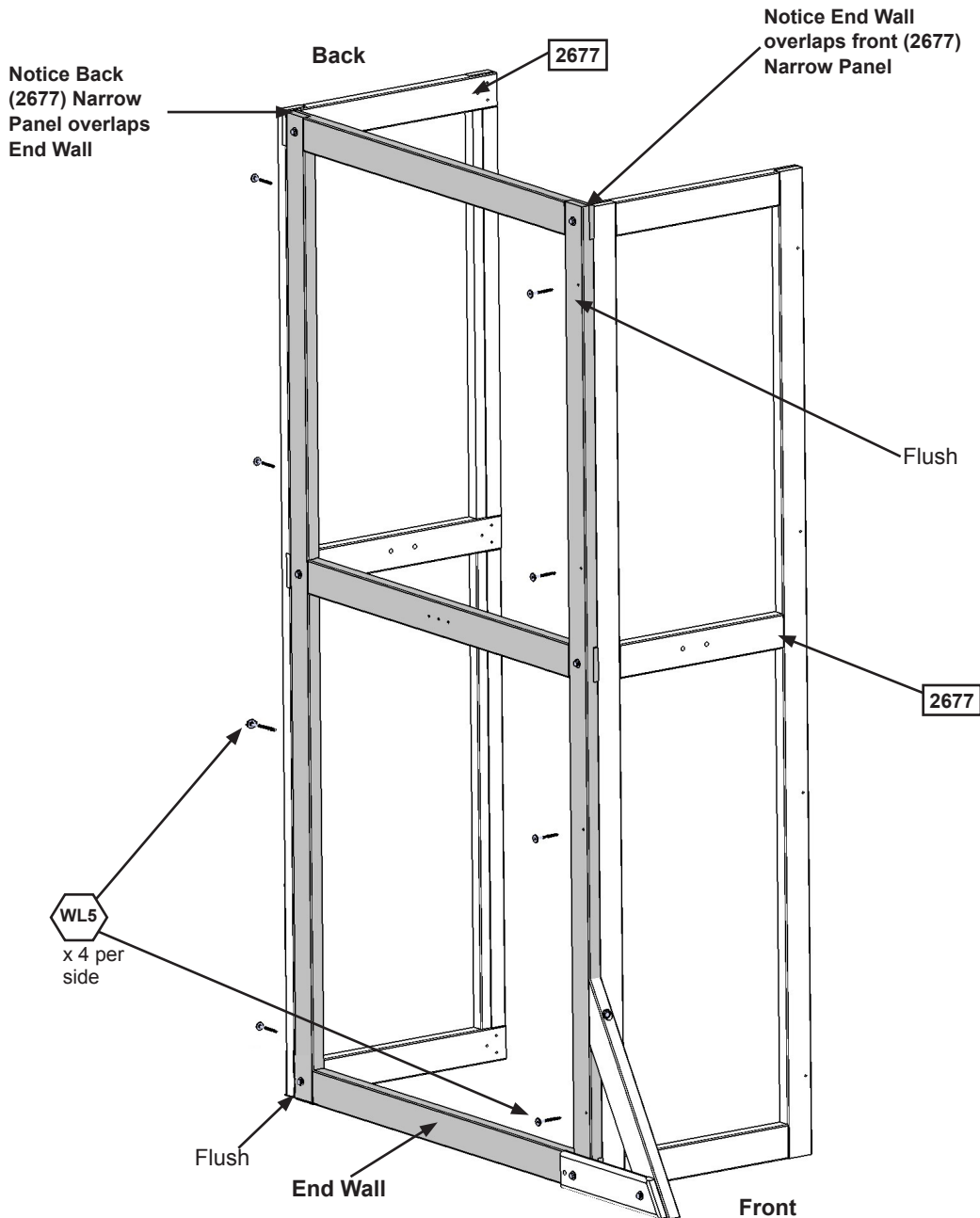


It is important to assemble the frame on a flat, smooth surface.

A: Place End Wall from Step 2 between 2 (2677) Narrow Panels, 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 3/16" drill bit and fasten the back (2677) Narrow Panel to the End Wall and the End Wall to the front (2677) Narrow Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.1)

Note: The (2607) Diagonal is on the front of the assembly.

Fig. 4.1



Wood Parts

2 x 2677 Narrow Panel 1-1/4 x 22 x 87"

Hardware

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

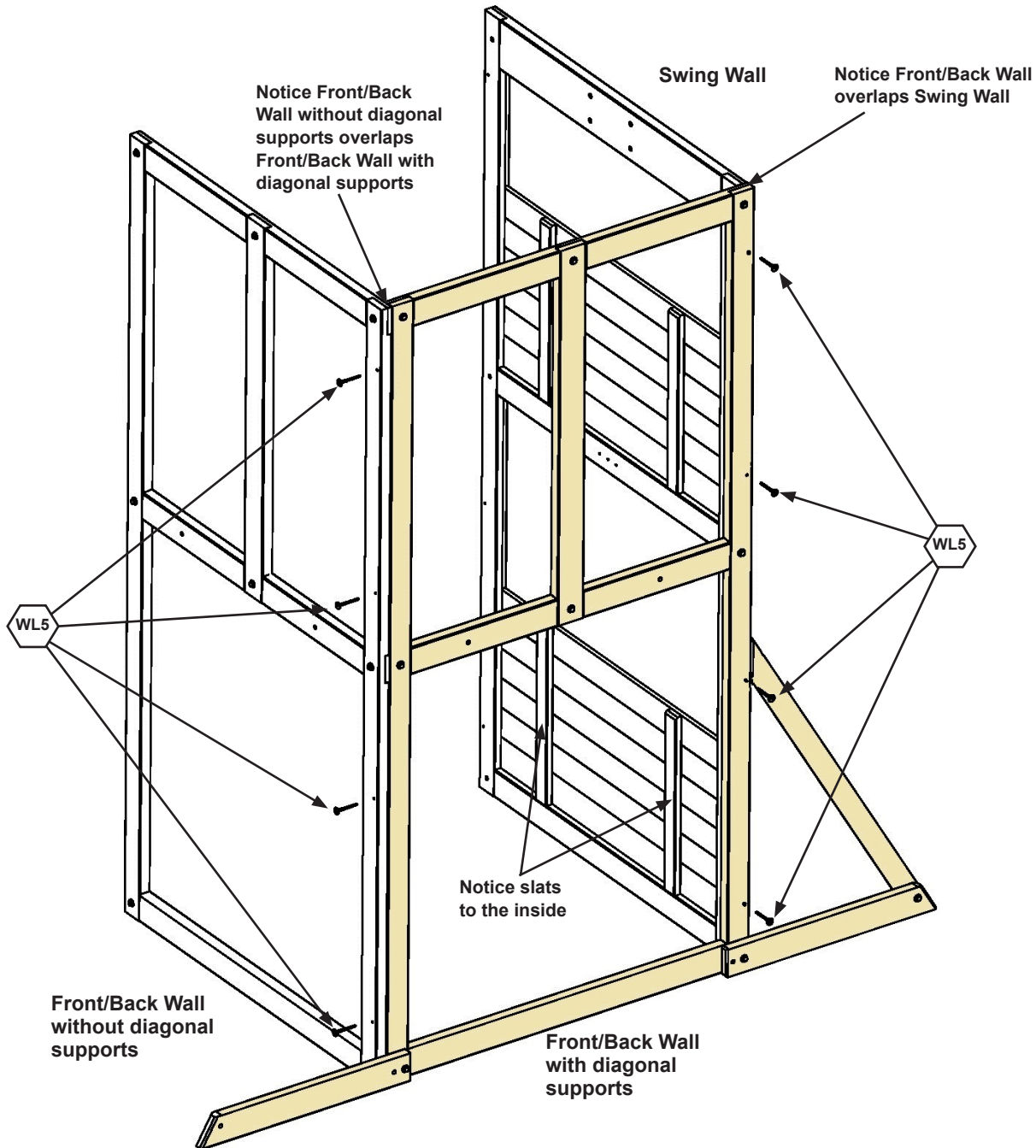
Step 4: Large Fort Frame Assembly Part 2




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

B: Place the Front/Back Wall with the diagonal supports from Step1 Part 3 between a Front/Back Wall without the diagonal supports and the Swing Wall without the (2778) SW Ground MODs, 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 3/16" drill bit and fasten the Front/Back Wall without diagonal supports to Front/Back Wall with diagonal supports and Front/Back Wall with diagonal support to the Swing Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.2)

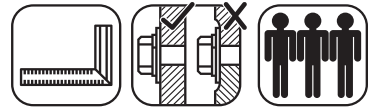
Fig. 4.2



Hardware

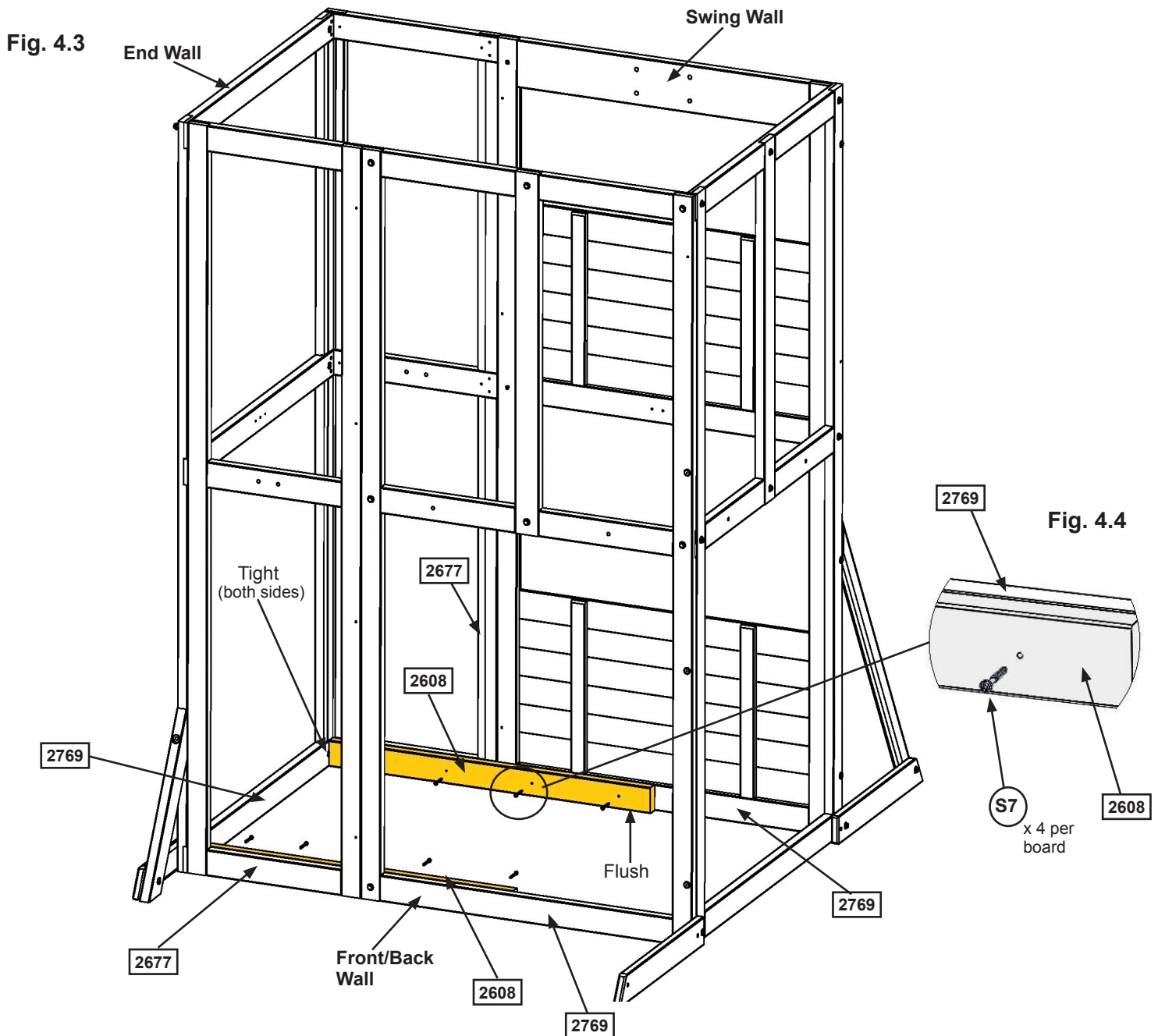
8 x  1/4 x 2-1/2" Wafer Lag

Step 4: Large Fort Frame Assembly Part 3



C: With at least two helpers lift the two wall assemblies so the panels meet and are tight together as shown in fig. 4.3.

D: Make sure the assembly is square then on the inside of the assembly, tight to the (2769) Panel BT Frame on the End Wall and flush to the bottom of the panels attach 1 (2608) Floor Joist to (2677) Narrow Panel and each (2769) Panel BT Frame on the Front/Back and Swing Walls with 4 (S7) #12 x 2" Pan Screws per board. (fig. 4.3 and 4.4)



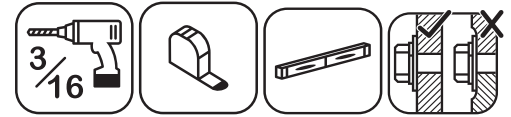
Wood Parts

2 x 2608 Floor Joist 1-1/4 x 3 x 40-3/4"

Hardware

8 x S7 #12 x 2" Pan Screw

Step 4: Large Fort Frame Assembly Part 4



E: Pre-drill all Lag Screws. On the Swing Wall side, from inside the assembly, tight to the End Wall, halfway up the assembly, 5/8" down from the top of the panel board attach 1 (2777) Side Joist MOD to (2677) Narrow Panel with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) and to (2768) Panel Floor with 1 (LS2) 1/4 x 2-1/2" Lag Screw (with flat washer). Bolt and Lag Screw are installed from inside the assembly. Make sure (2777) Side Joist MOD is level then attach with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 4.5 and 4.6)

F: Tight to (2777) Side Joist MOD, 5/8" down from the top of (2768) Panel Floor attach (2682) Short Side Joist with 1 (LS2) 1/4 x 2-1/2" Lag Screw (with flat washer). Lag Screw is installed from inside the assembly. Make sure (2682) Short Side Joist is level and flush to the top of (2777) Side Joist MOD then attach with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 4.5 and 4.7)

G: Repeat E and F for the front Front/Back Wall side, except use 3 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) instead of the lag screws and (2777) Side Joist MOD is tight to the end Front/Back Wall and is attached to (2772) Panel Floor Support. (2682) Short Side Joist is attached to (2677) Narrow Panel. (fig. 4.5 and 4.7)

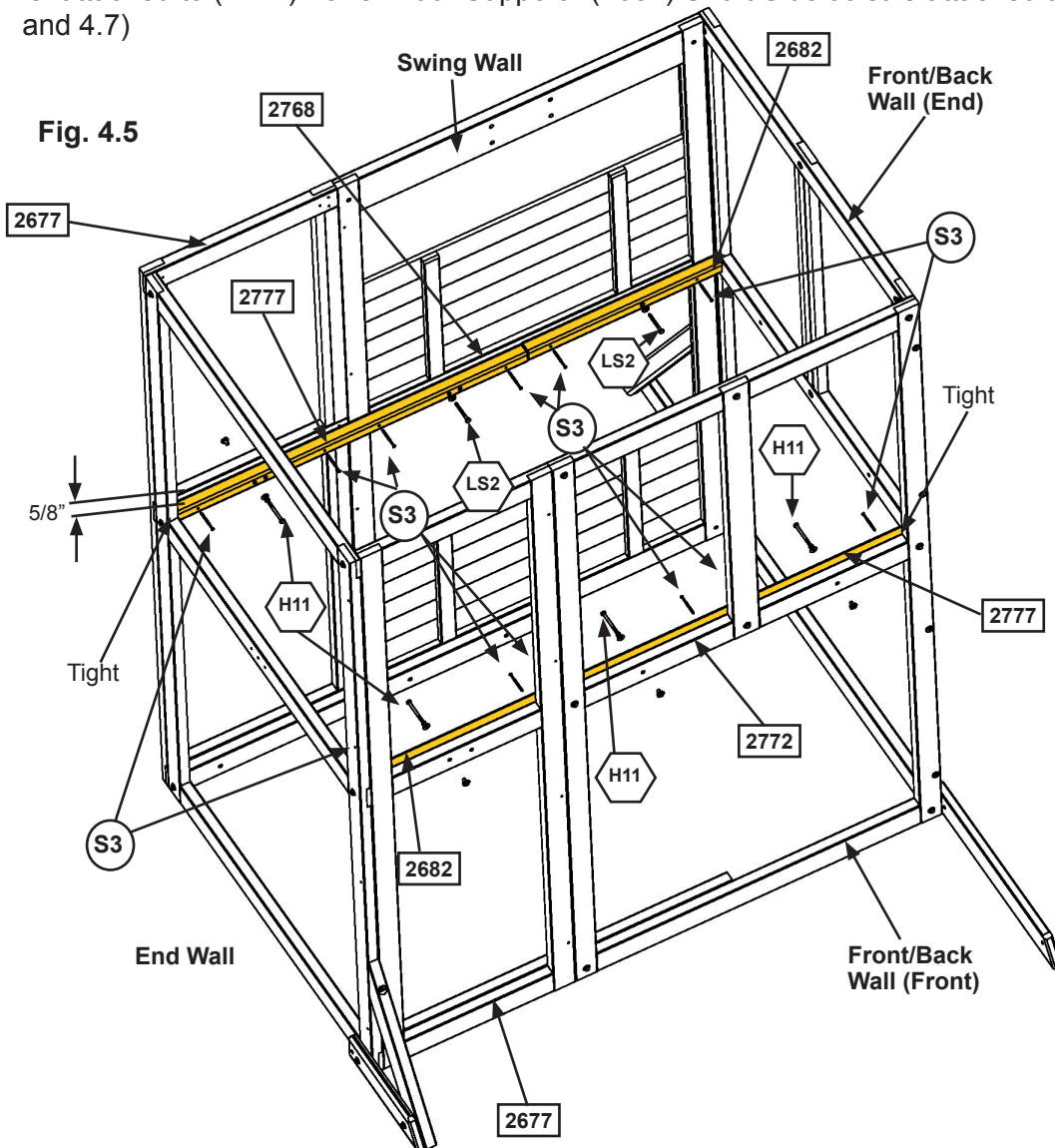


Fig. 4.6

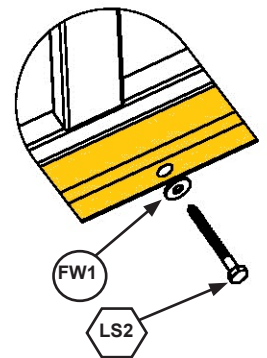
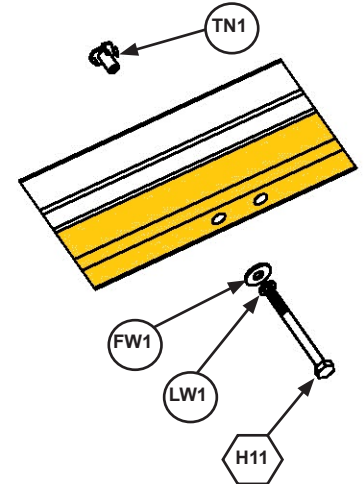


Fig. 4.7



Wood Parts

- 2 x 2777 Side Joist MOD 2 x 2 x 40-1/4"
- 2 x 2682 Short Side Joist 2 x 2 x 22-1/8"

Hardware

- 12 x S3 #8 x 2-1/2" Wood Screw
- 4 x H11 1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x LS2 1/4 x 2-1/2" Lag Screw (1/4" flat washer)

Step 4: Large Fort Frame Assembly Part 5



H: On the outside of the assembly measure 19" up from (2768) Panel Floor and (2772) Panel Floor Support. On the inside of the assembly measure 19" up from each (2608) Floor Joist. Place 1 Flat Panel Bracket at each location so the top of the bracket is at the 19" mark. Attach each (2677) Narrow Panel to the Front/Back and Swing Walls using 2 Flat Panel Brackets per wall with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 4.8 and 4.9)

Fig. 4.8

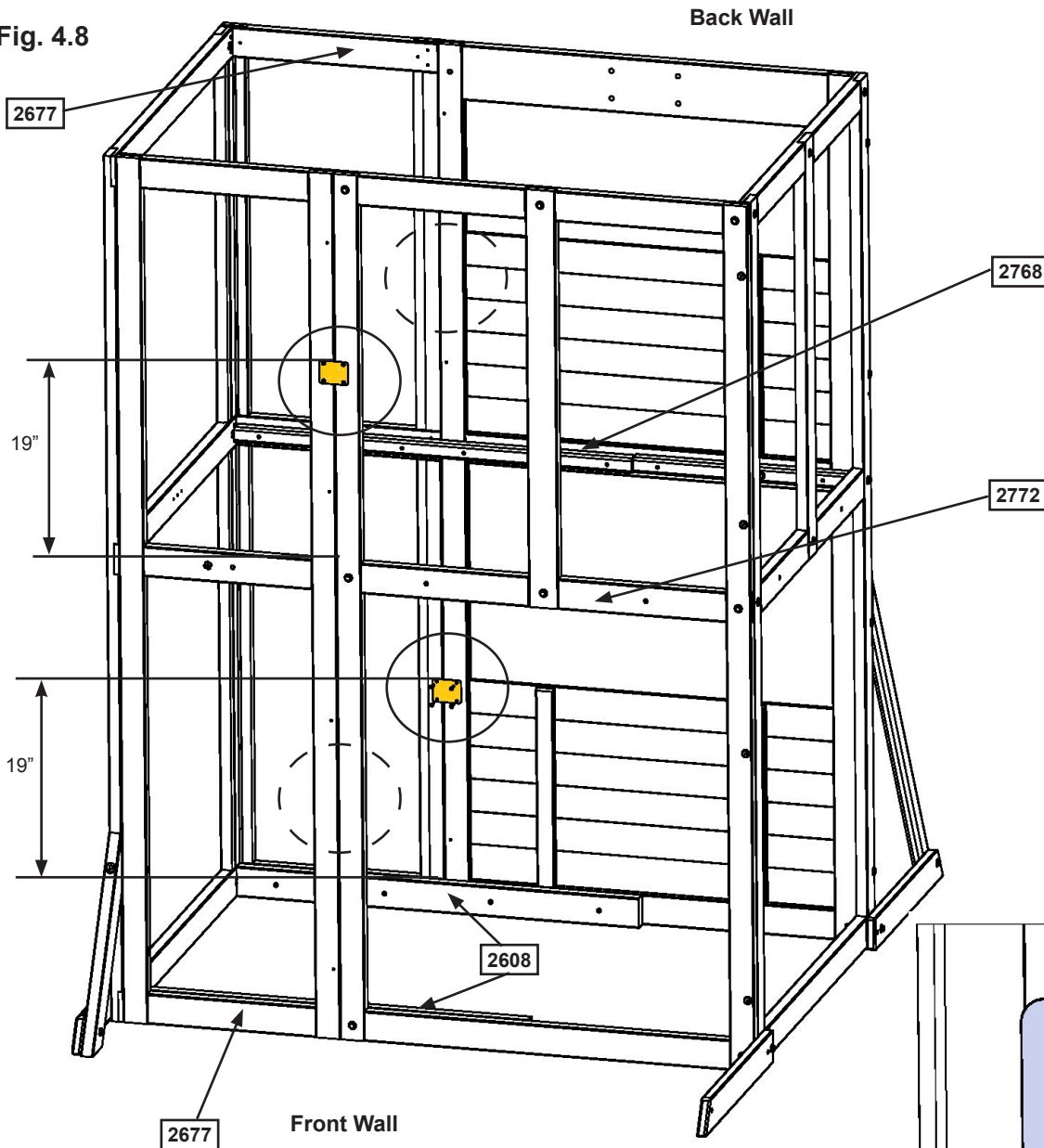
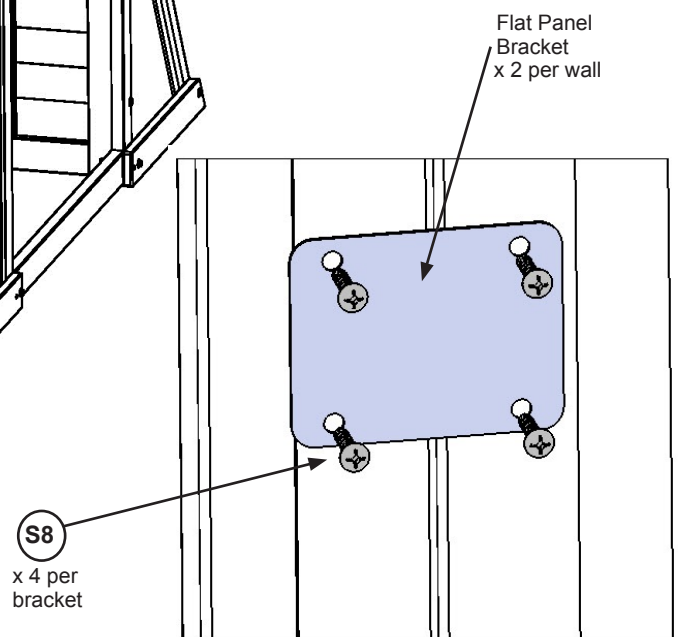


Fig. 4.9
Inside View



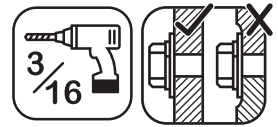
Hardware

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

Other Parts

4 x Flat Panel Bracket

Step 4: Large Fort Frame Assembly Part 6

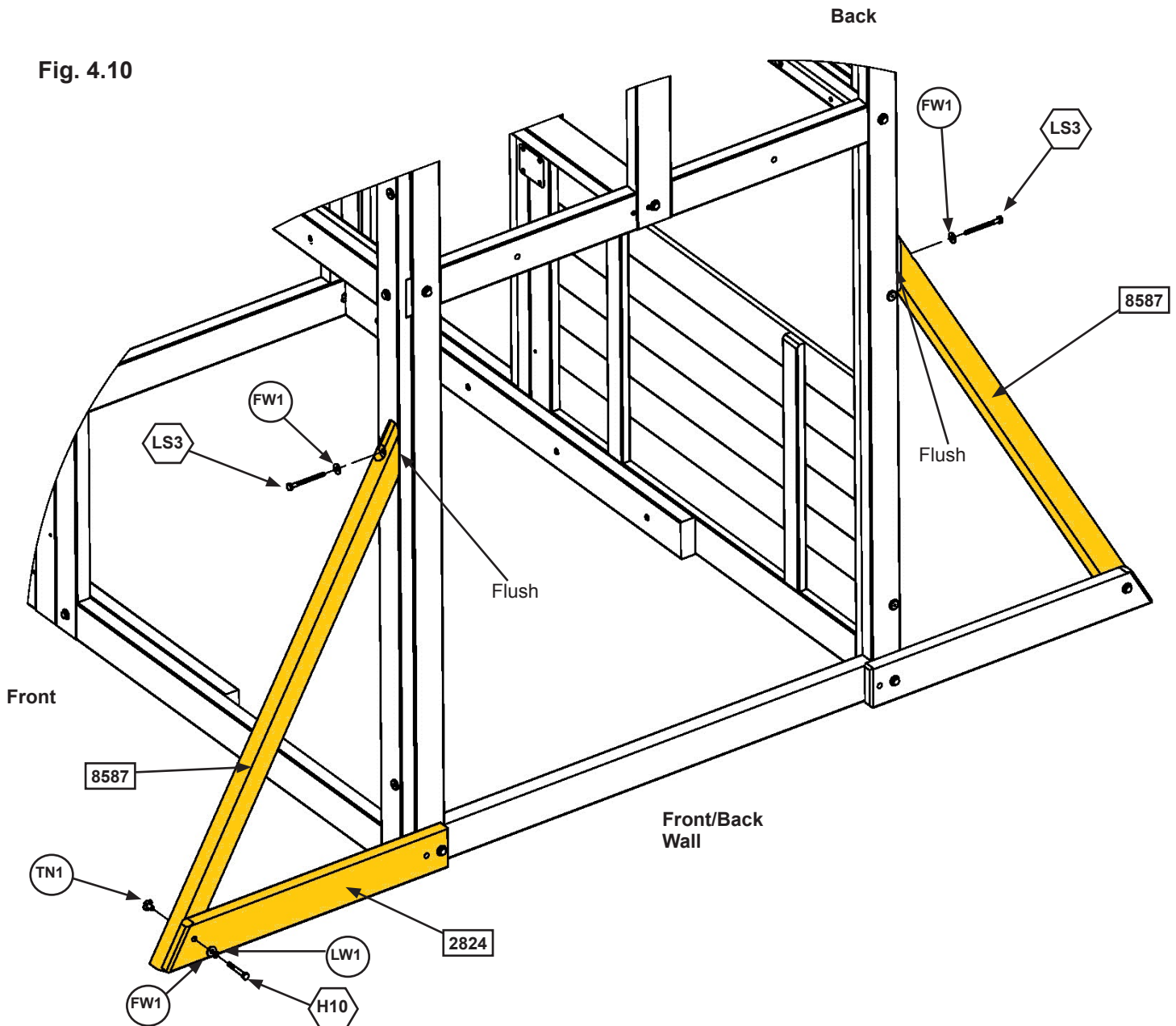


I: On the end Front/Back Wall loosely attach 1 (8587) Diagonal to left (2824) Diagonal Support with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 4.10)

J: Place each (8587) Diagonal tight and flush to the front edge of the Front/Back Wall then pre-drill pilot holes with a 3/16" drill bit and attach each (8587) Diagonal with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per board, checking that they remain flush to front edge. (fig. 4.10)

K: Tighten all bolts.

Fig. 4.10



Wood Parts

1 x **8587** Diagonal 2 x 3 x 42-1/4"

Hardware

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

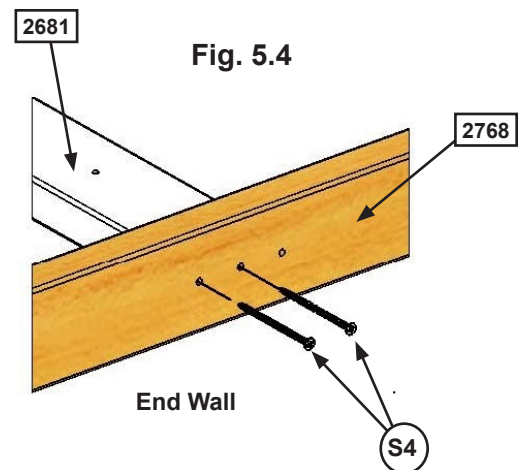
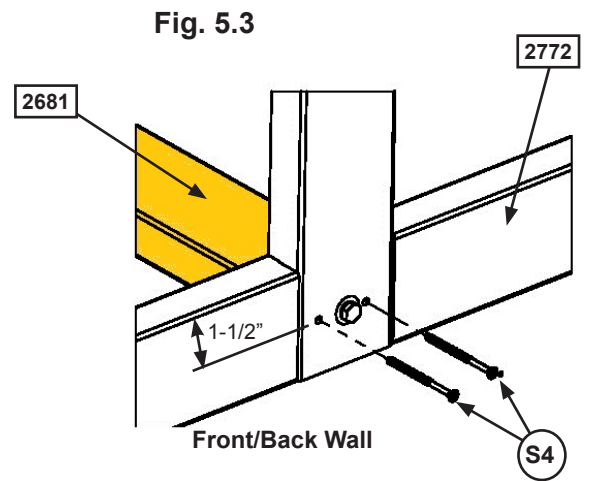
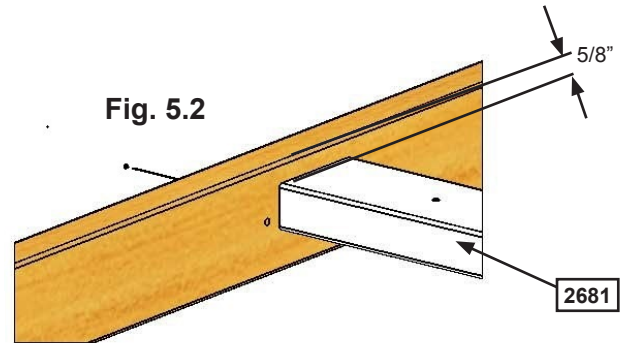
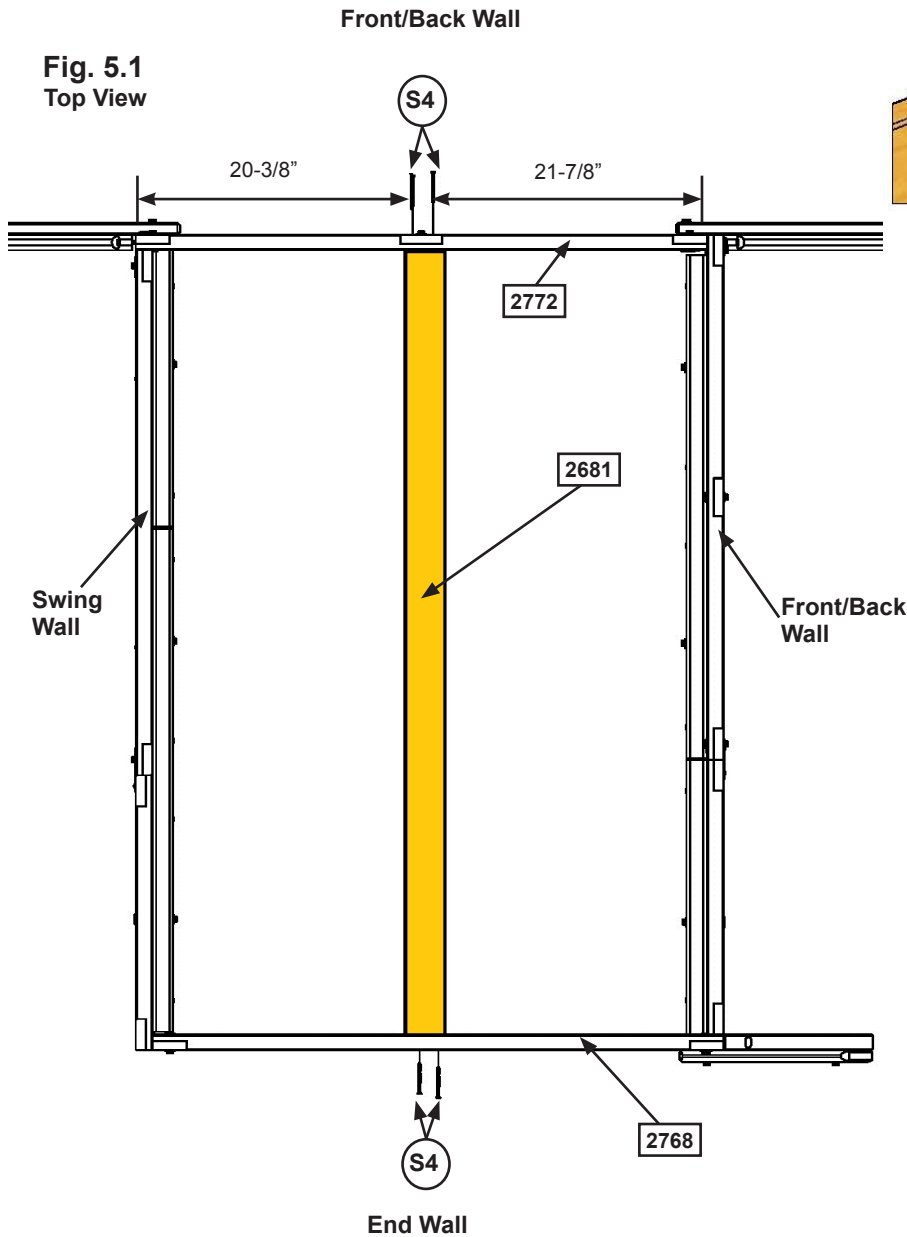
1 x **H10** 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 5: Large Fort Floor Assembly Part 1



A: On (2772) Panel Floor Support of the Front/Back Wall measure 20-3/8" from the Swing Wall and 21-7/8" from Front/Back Wall and 1-1/2" down then pre-drill 2 holes with a 3/16" drill bit. (fig. 5.1, 5.2, 5.3 and 5.4)

B: From inside of the assembly centre (2681) Long Floor Joist over pilot holes in (2768) Panel Floor on the End Wall 5/8" down from the top of board and over the pre-drilled holes in (2772) Panel Floor Support on the Front/Back Wall, then attach (2681) Long Floor Joist to each board with 2 (S4) #8 x 3" Wood Screws per end. (fig. 5.1, 5.2, 5.3 and 5.4)



Wood Parts

1 x [2681] Long Floor Joist 1-1/4 x 3 x 62-5/8"

Hardware

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

Step 5: Large Fort Floor Assembly Part 2

B: Starting at the Front/Back Wall place 4 (2609) Floor Boards followed by 1 (2648) Floor Board then 9 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2681) Long Floor Joist and each (2777) Side Joist MOD and (2682) Short Side Joist with 5 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 5.5 and 5.6)

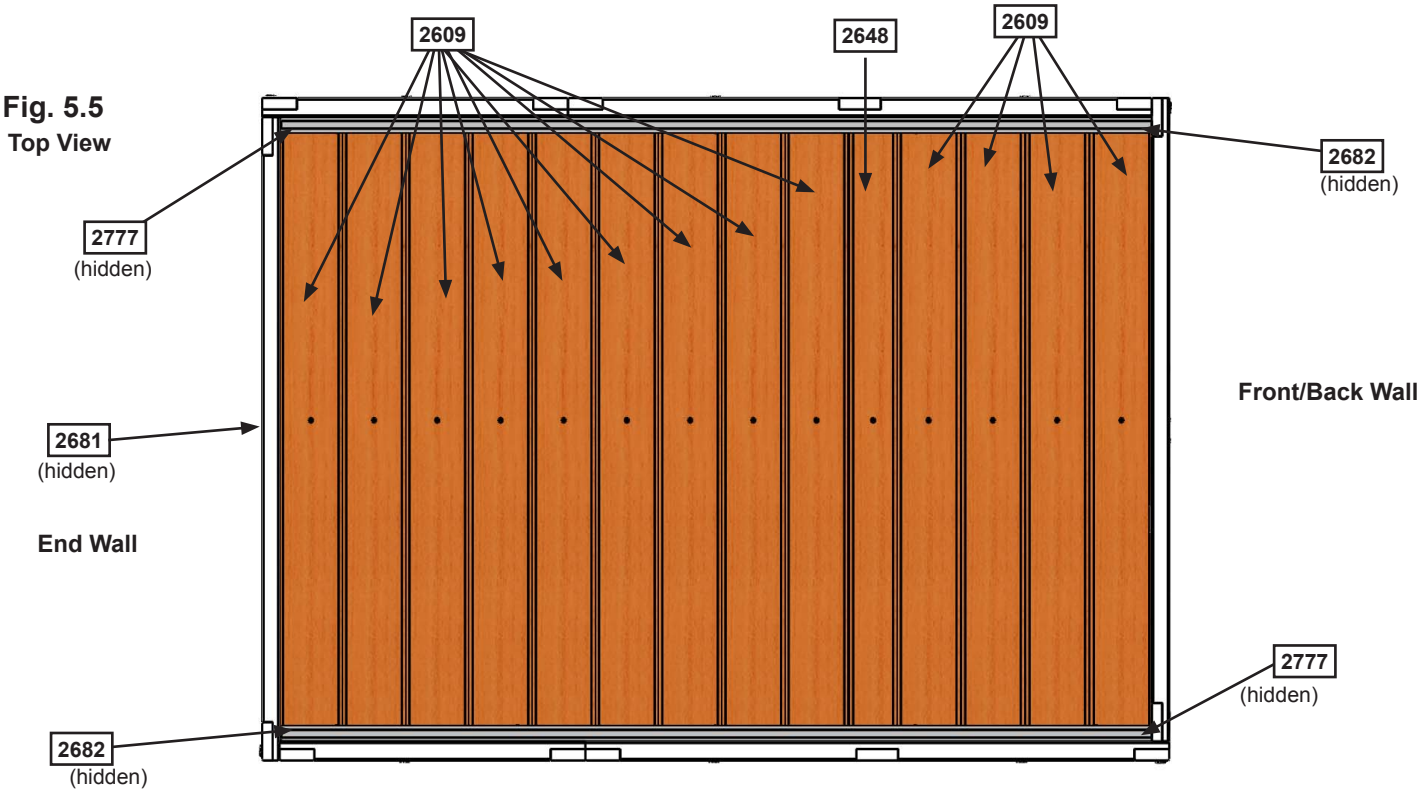
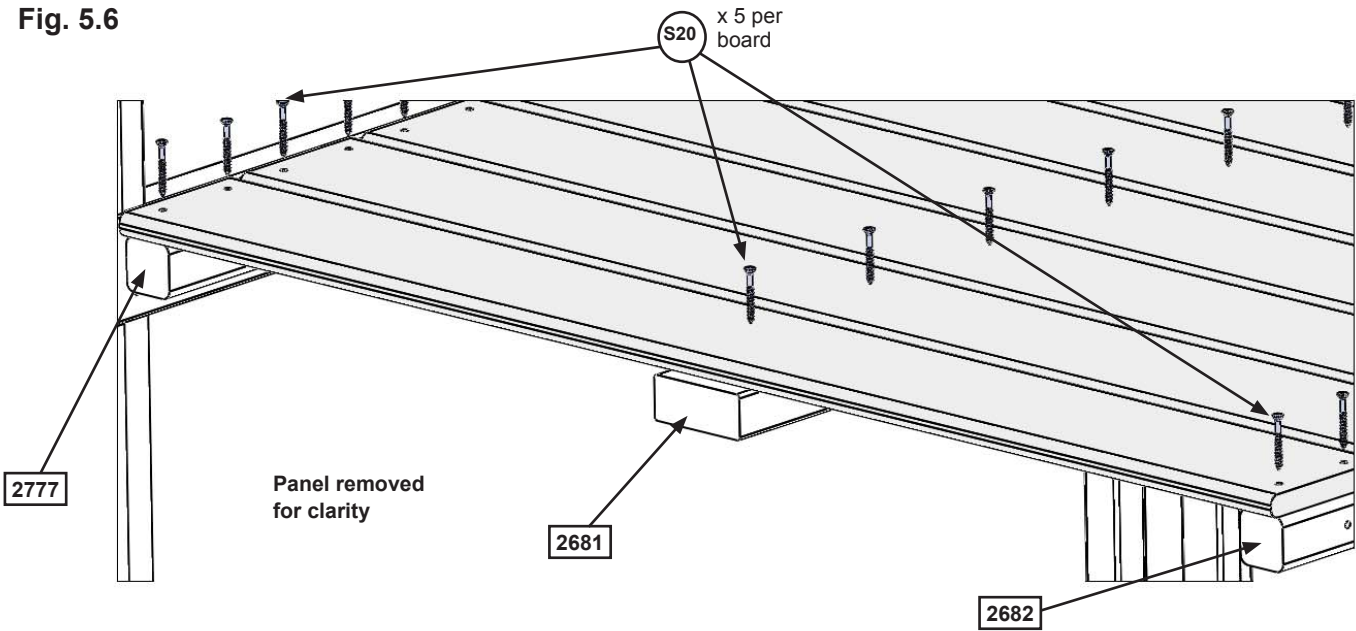


Fig. 5.6



Wood Parts

- 1 x 2648 Floor Board 1 x 4 x 40-5/8"
- 13 x 2609 Floor Board 1 x 5 x 40-5/8"

Hardware

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

Step 6: Small Fort Frame Assembly Part 1



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

A: Place Swing Wall with diagonal from Step 3 between 2 Front/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 3/16" drill bit and fasten the left Front/Back Wall to the Swing Wall and Swing Wall to the right Front/Back Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 6.1, 6.2 and 6.3)

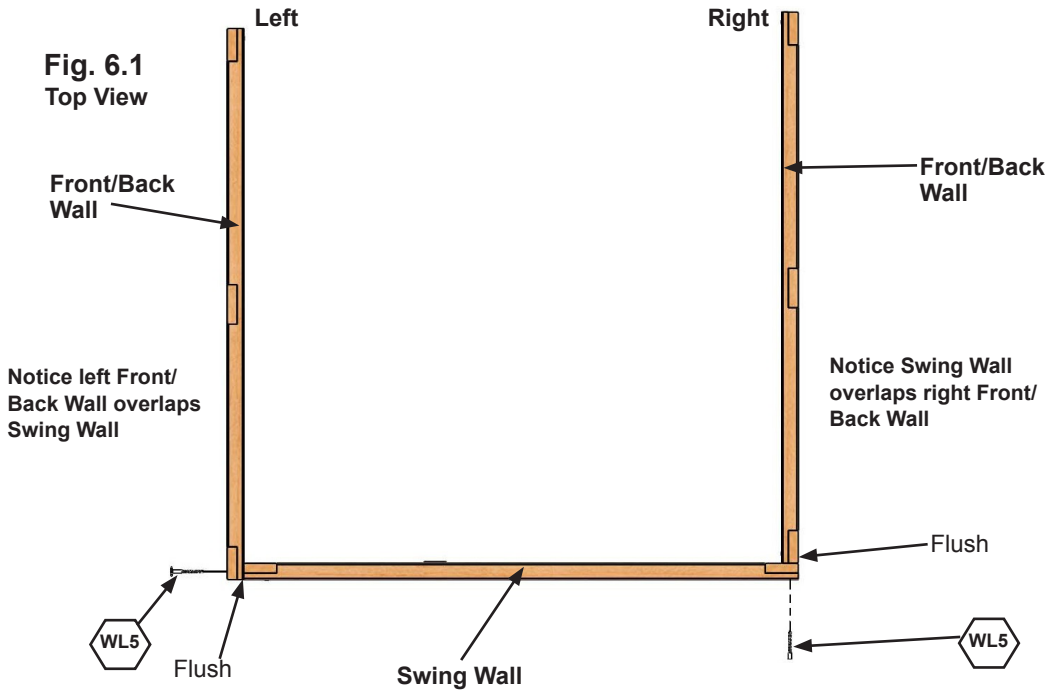
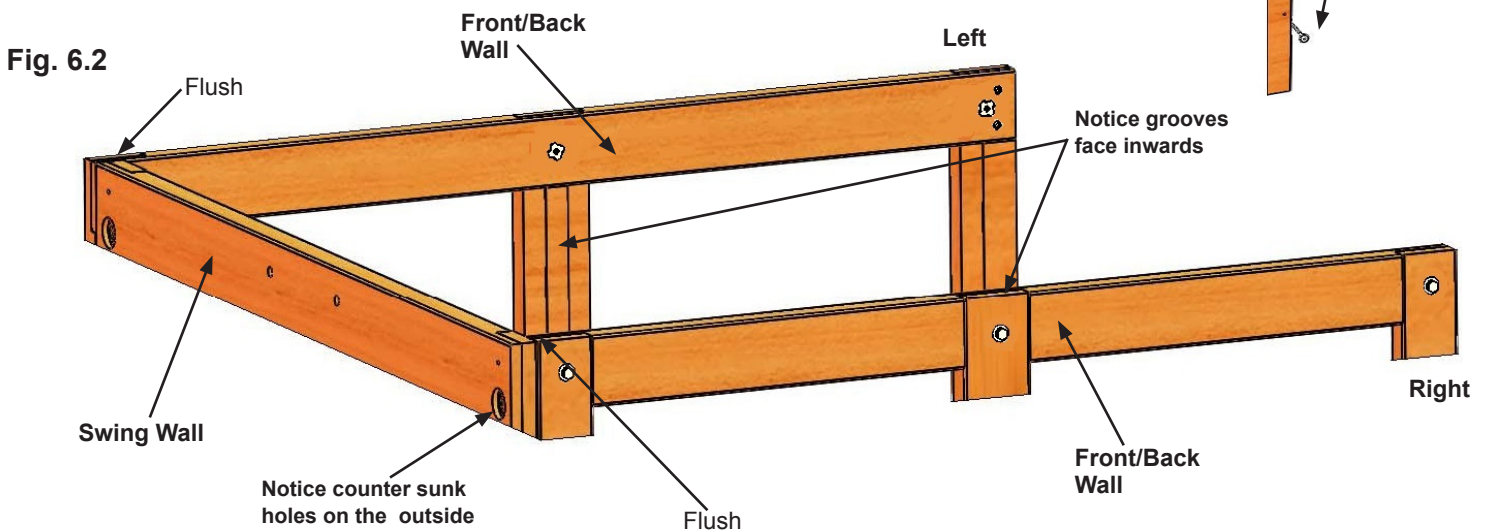
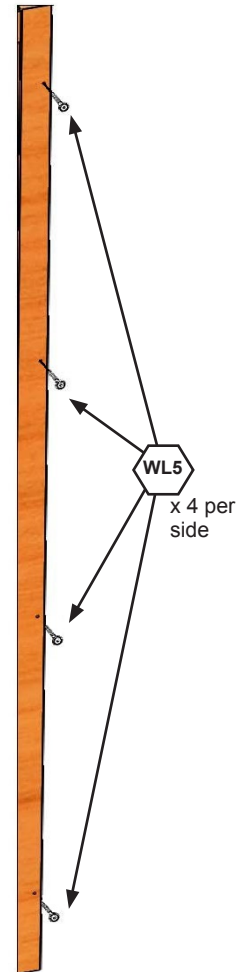



Fig. 6.3



Hardware

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

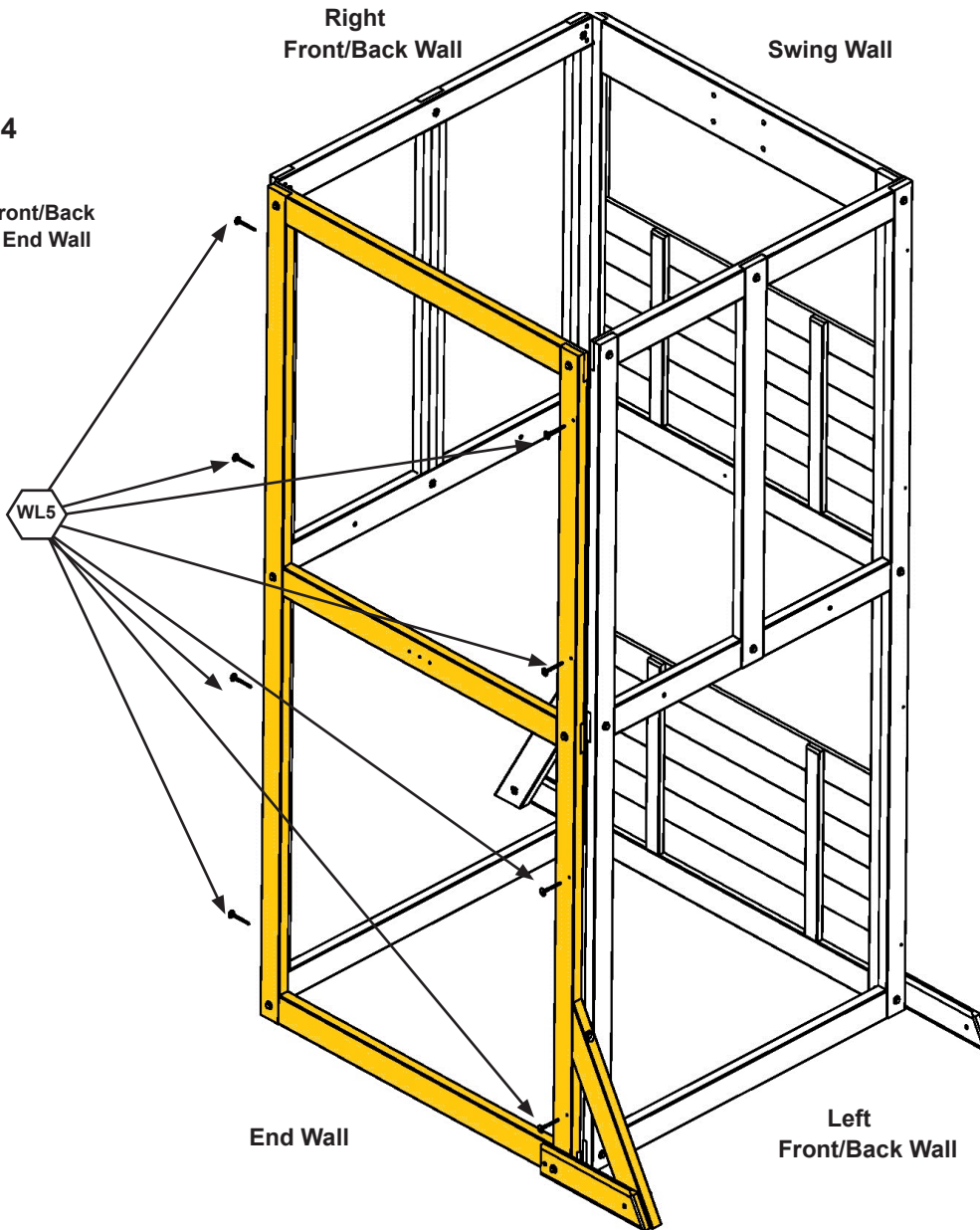
Step 6: Small Fort Frame Assembly Part 2



B: Place End Wall from Step 2 between the Front/Back Walls 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 3/16" drill bit and fasten the right Front/Back Wall to the End Wall and End Wall to the left Front/Back Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 6.4)

Fig. 6.4

Notice right Front/Back Wall overlaps End Wall

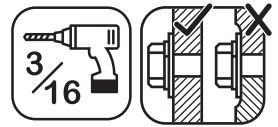


Notice End Wall overlaps left Front/Back Wall

Hardware

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

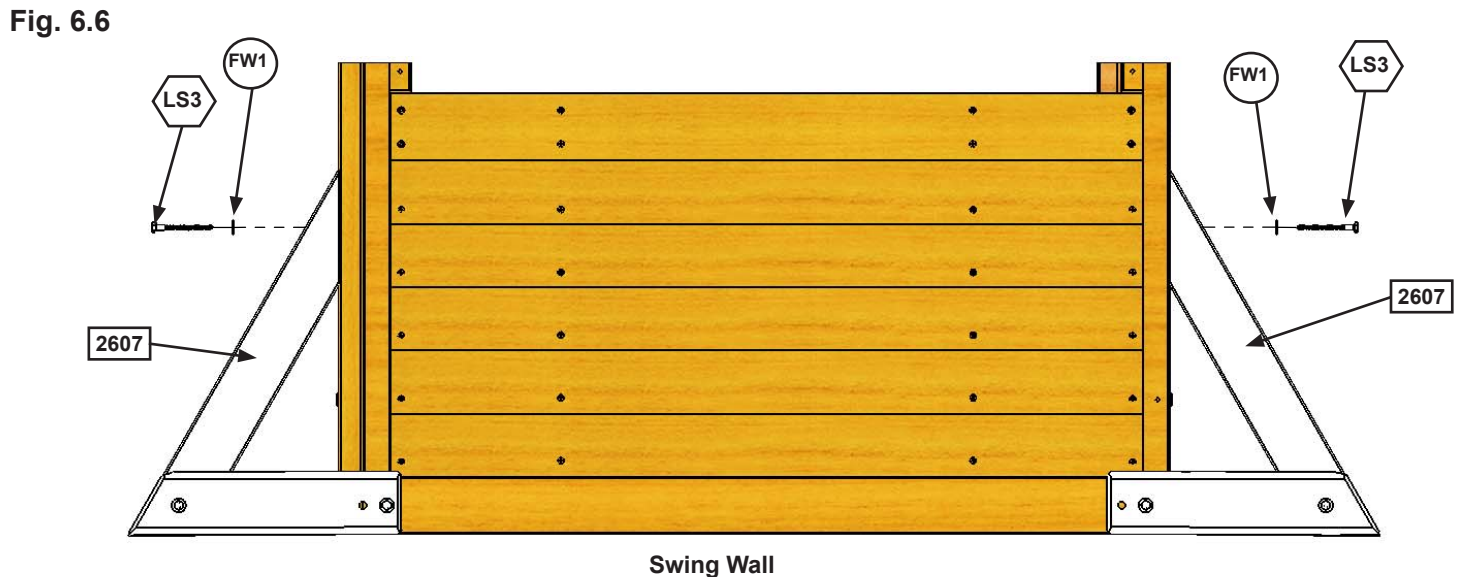
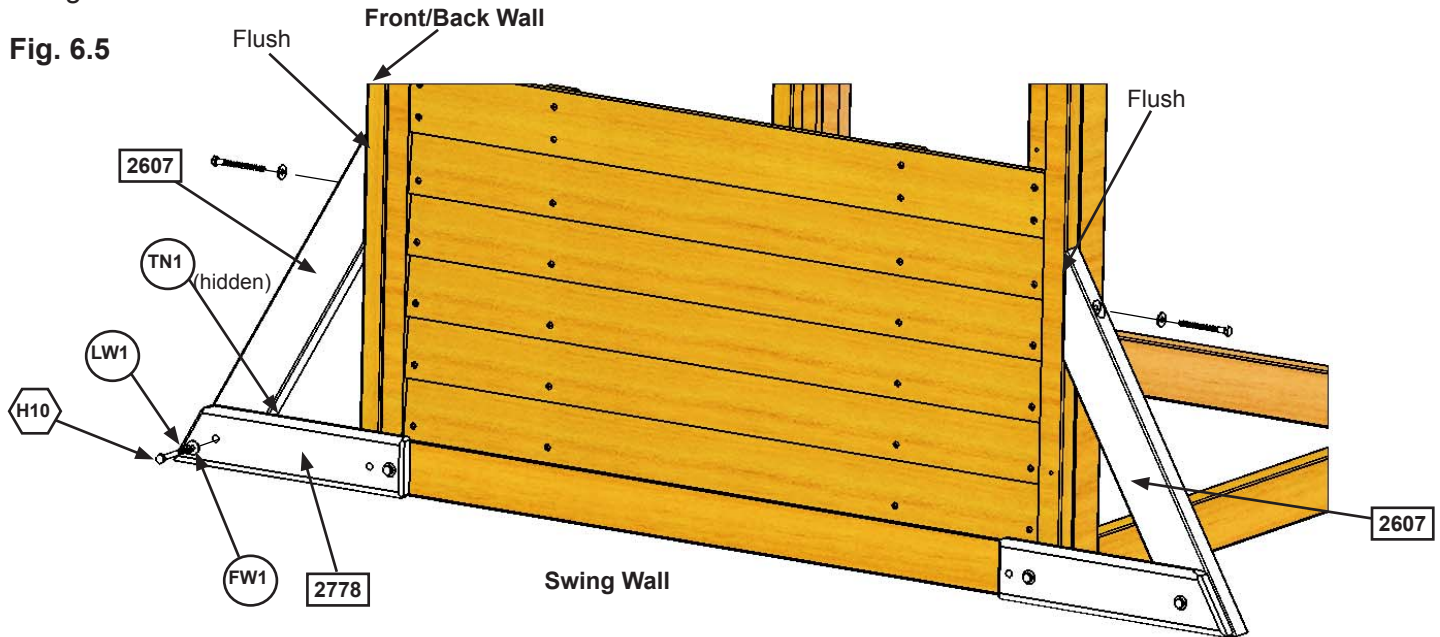
Step 6: Small Fort Frame Assembly Part 3



C: Loosely attach 1 (2607) Diagonal to left (2778) SW Ground MOD with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 6.5)

D: Make sure each (2607) Diagonal is tight and flush to the front edge of the Swing Wall then pre-drill pilot holes with a 3/16" drill bit and attach each (2607) Diagonal to the Swing Wall and Front/Back Wall with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per board, checking that they remain flush to front edge. (fig. 6.5 and 6.6)

E: Tighten all bolts.



Wood Parts

1 x [2607] Diagonal 1/1/4 x 3 x 22"

Hardware

1 x [H10] 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
2 x [LS3] 1/4 x 3" Lag Screw (1/4" flat washer)

Step 7: Small Fort 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" down from the top of boards then attach (2608) Floor Joist to each board using the left and centre holes with 2 (S4) #8 x 3" Wood Screws per end. (fig. 7.1, 7.2, 7.3 and 7.4)

Fig. 7.1

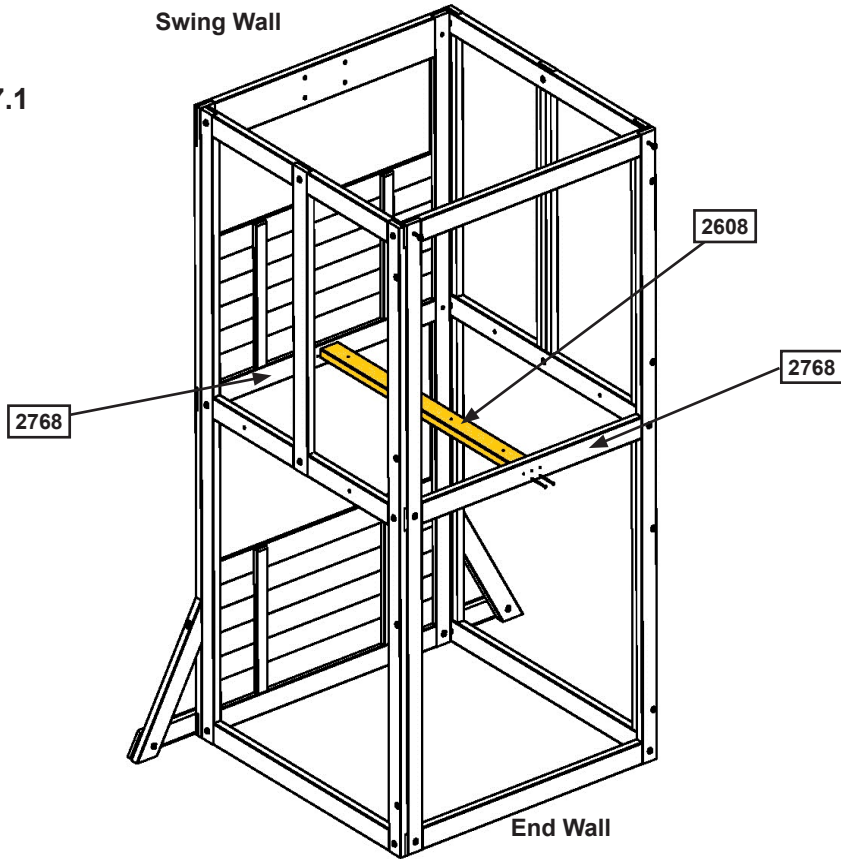


Fig. 7.2

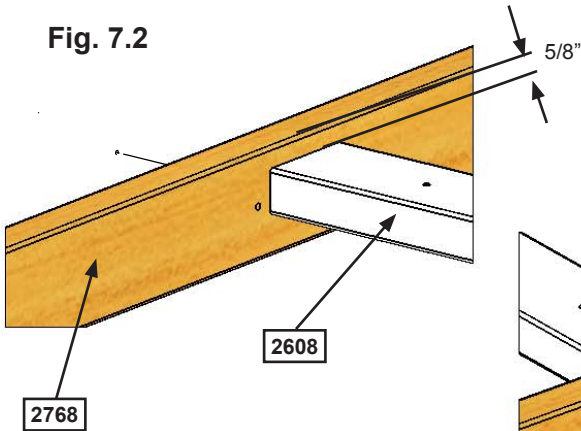


Fig. 7.3

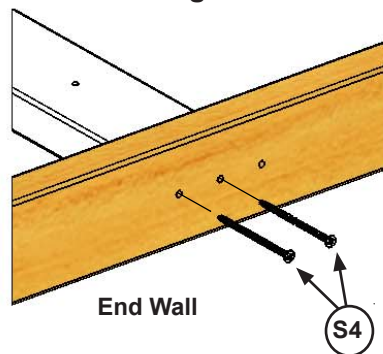
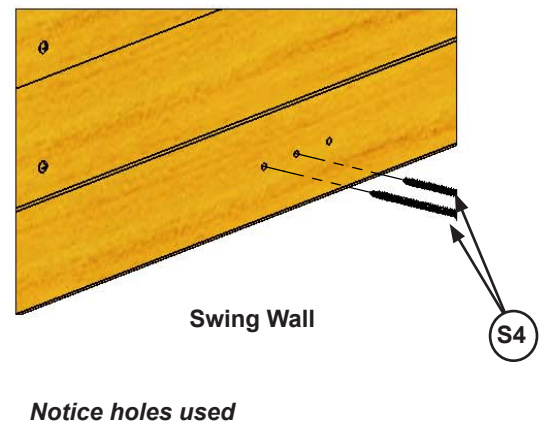


Fig. 7.4



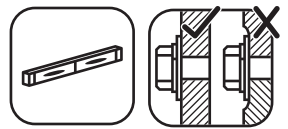
Wood Parts

1 x 2608 Floor Joist 1-1/4 x 3 x 40-3/4"

Hardware

4 x S4 #8 x 3" Wood Screw

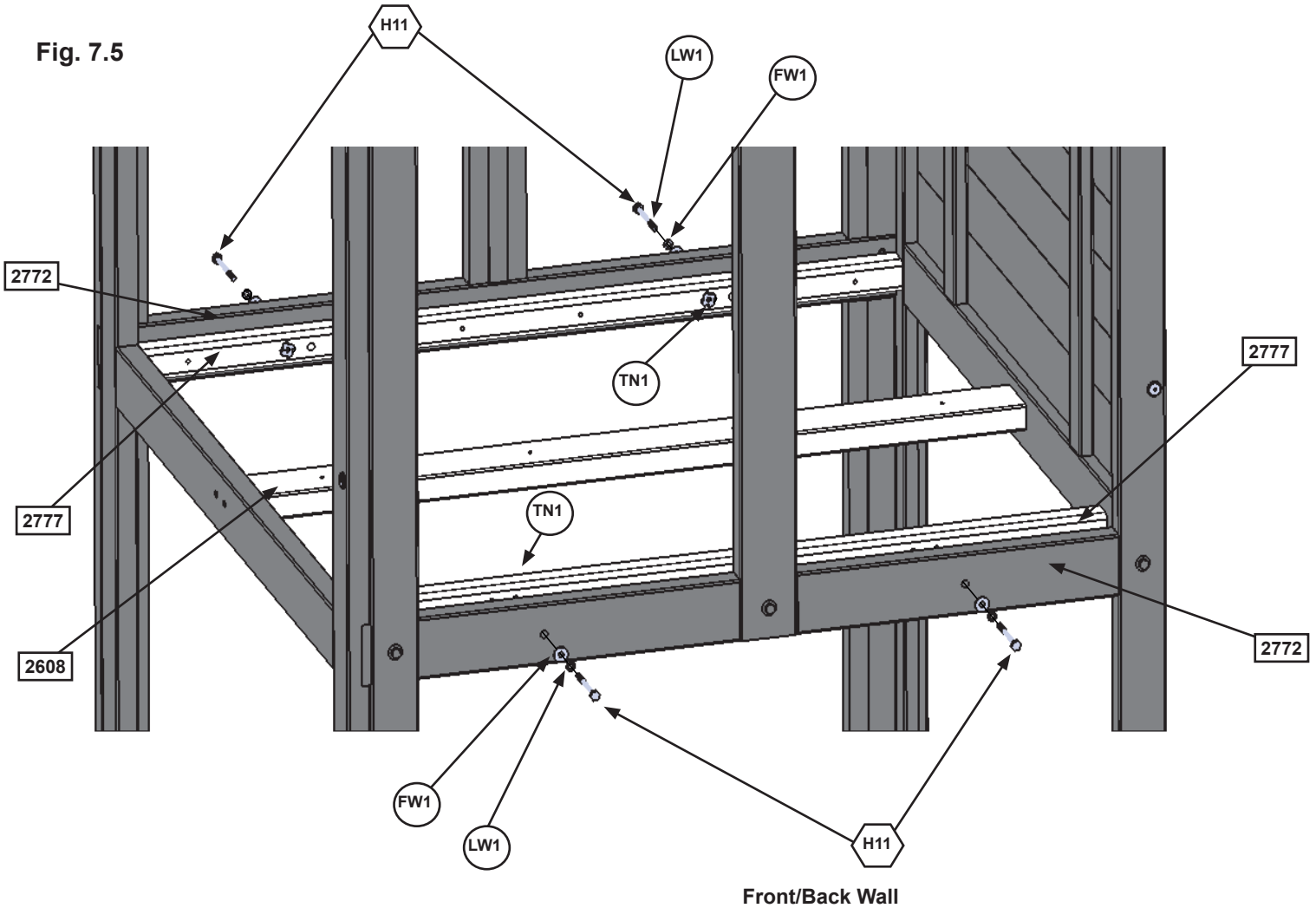
Step 7: Small Fort Floor Assembly Part 2



B: On the inside of both the Front/Back Walls place 1 (2777) Side Joist MOD against each (2772) Panel Floor Support, line up bolt holes then loosely attach with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) per joist. Make sure both (2777) Side Joist MODs are level with (2608) Floor Joist. (fig. 7.5)

Front/Back Wall

Fig. 7.5



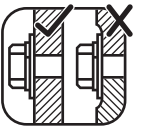
Wood Parts

2 x Side Joist MOD 2 x 2 x 40-1/4"

Hardware

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

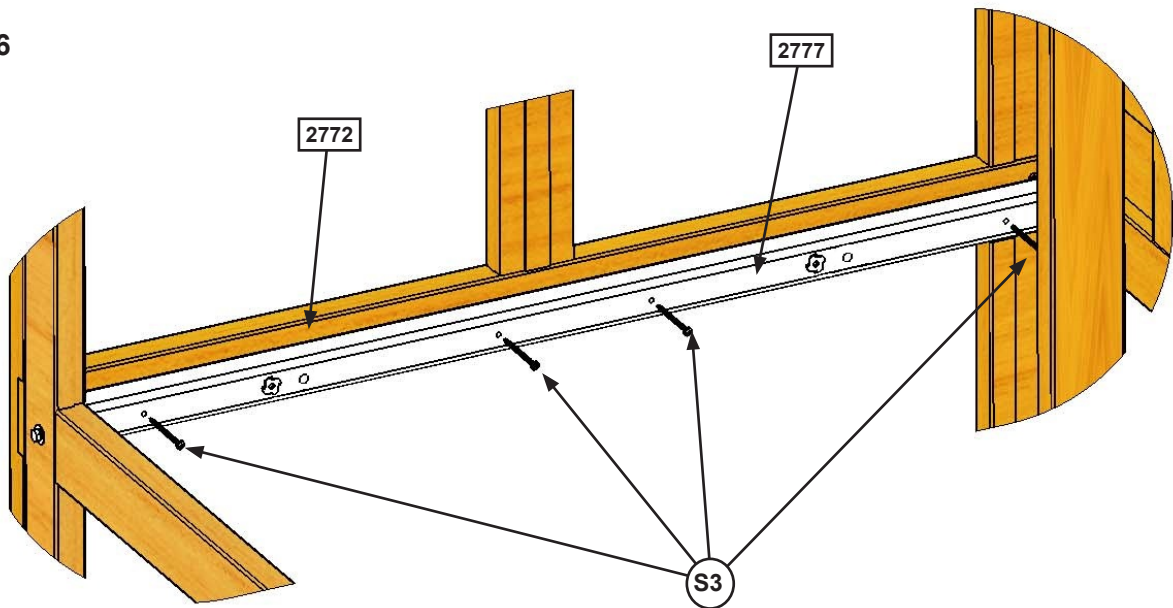
Step 7: Small Fort Floor Assembly Part 3



C: Fasten each (2777) Side Joist MOD to each (2772) Panel Floor Support with 4 (S3) #8 x 2-1/2" Wood Screws per board as shown in fig. 7.6.

D: Tighten all (H11) 1/4 x 2-3/4" Hex Bolts in both (2777) Side Joist MOD.

Fig. 7.6



Hardware

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

Step 7: Small Fort Floor Assembly Part 4

E: Starting at the Swing Wall place 1 (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) #8 x 1-3/8" Wood Screws per board. (fig. 7.7 and 7.8)

Fig. 7.7

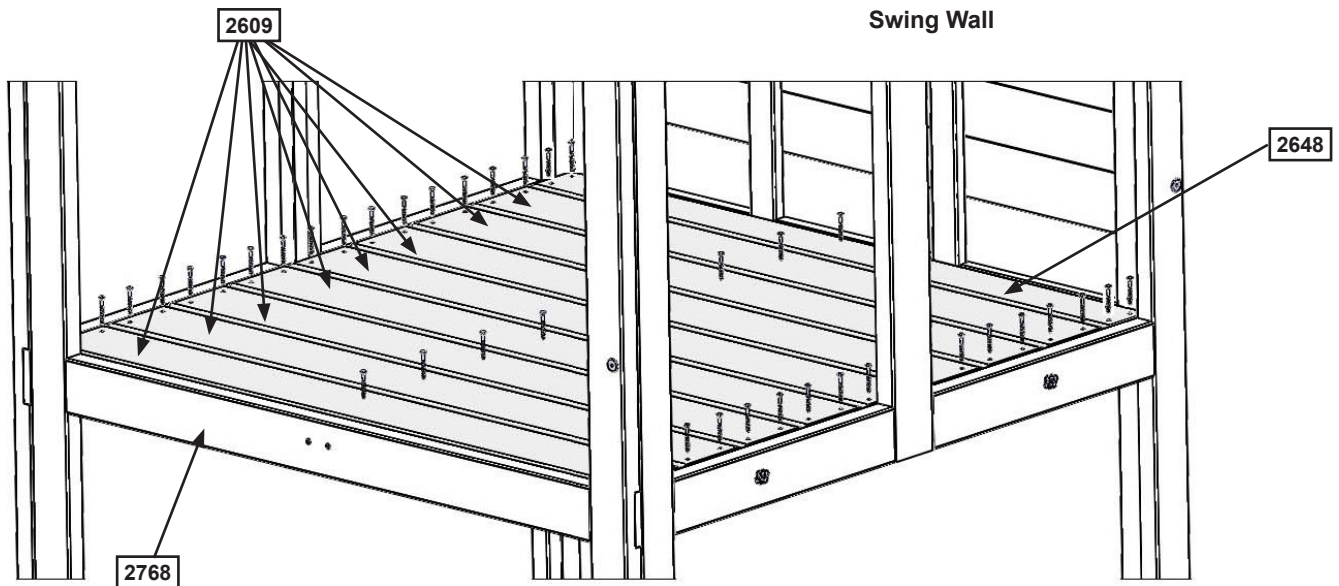
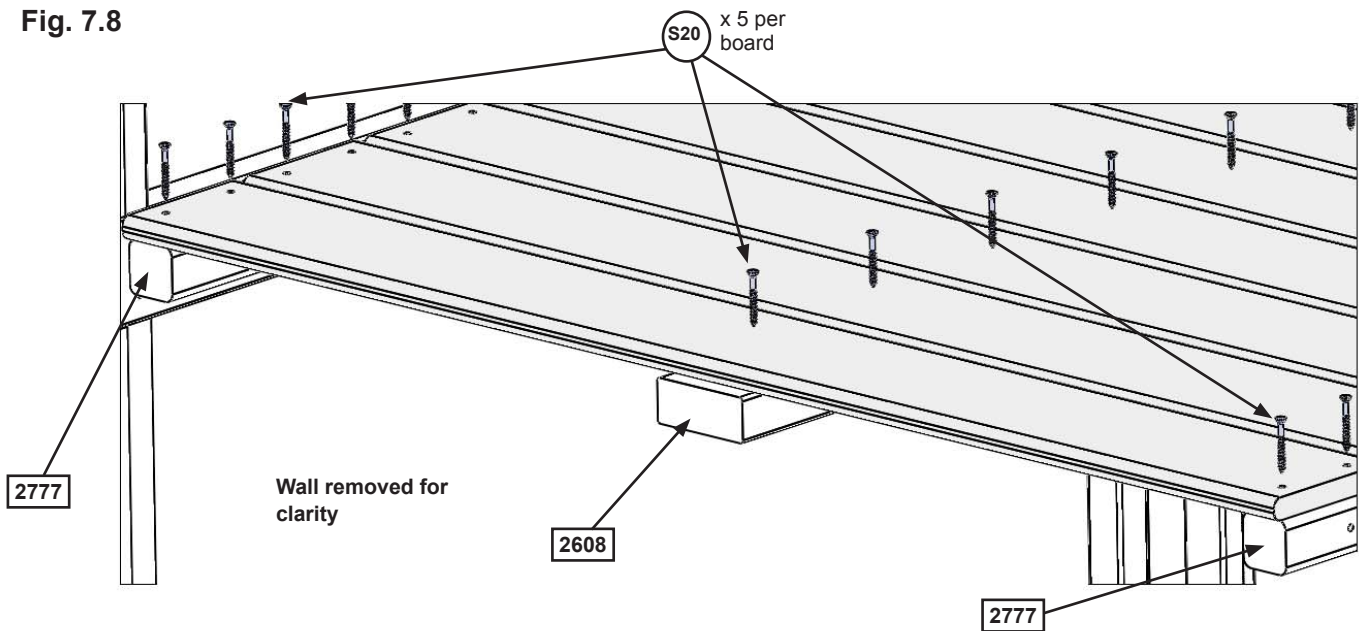


Fig. 7.8



Wood Parts

- 1 x 2648 Floor Board 1 x 4 x 40-5/8"
8 x 2609 Floor Board 1 x 5 x 40-5/8"

Hardware

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

Step 8: Install Tunnel Side Upper Jamb



A: In the upper opening of the small fort End Wall place 1 (2602) Upper Jamb so it measures 17" to the inside of each post then attach to (2769) Panel BT Frame and (2768) Panel Floor with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 8.1, 8.2, 8.3 and 8.4). Note 1" measurement as noted in fig. 8.4.

Fig. 8.3

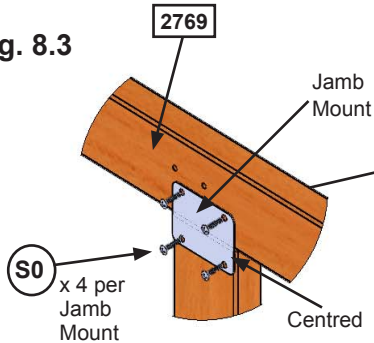
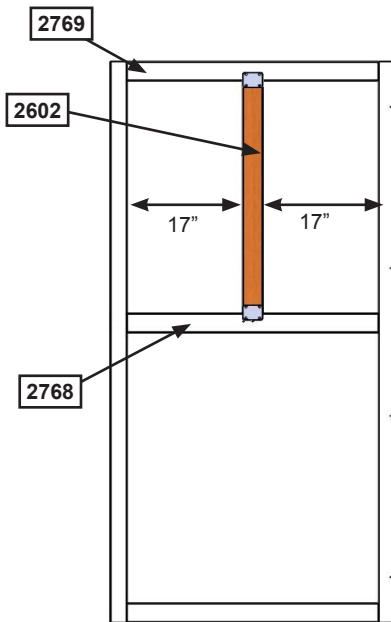


Fig. 8.2



Outside View

Fig. 8.1

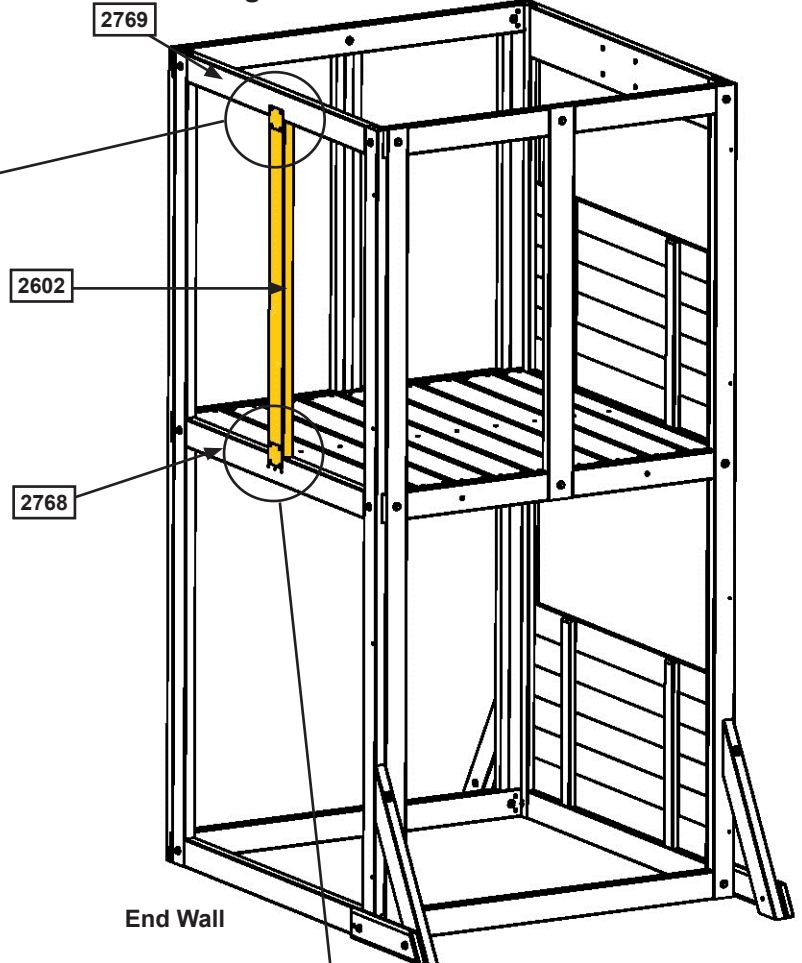
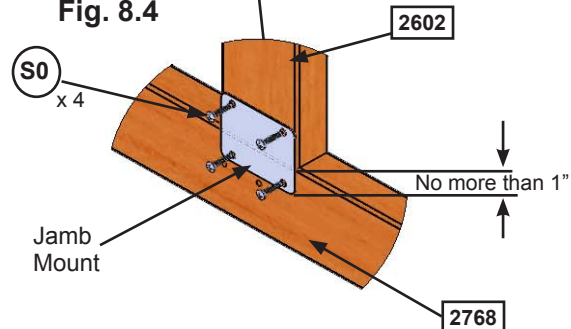


Fig. 8.4



Wood Parts

1 x 2602 Upper Jamb 1-1/4 x 3 x 35-15/16"

Hardware

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

Other Parts

2 x Jamb Mount

Step 9: Attach Tunnel Inserts Part 1



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

A: The inner walls which are facing each other will now be referred to as Tunnel Side Walls. (fig. 9.1 and 9.2)

B: Place the Large Fort and Small Fort side by side so the opening next to the Front Wall in the Large Fort Tunnel Side Wall lines up with the opening next to the Back Wall in Small Fort Tunnel Side Wall. (fig. 9.2)

C: The distance between Large Fort and Small Fort must be 33-1/2". Measure at the ground, floor and top to make sure distances are the same. (fig. 9.1)

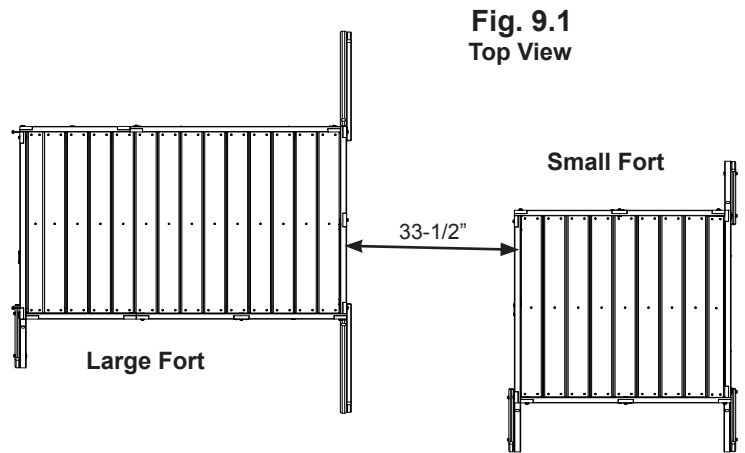
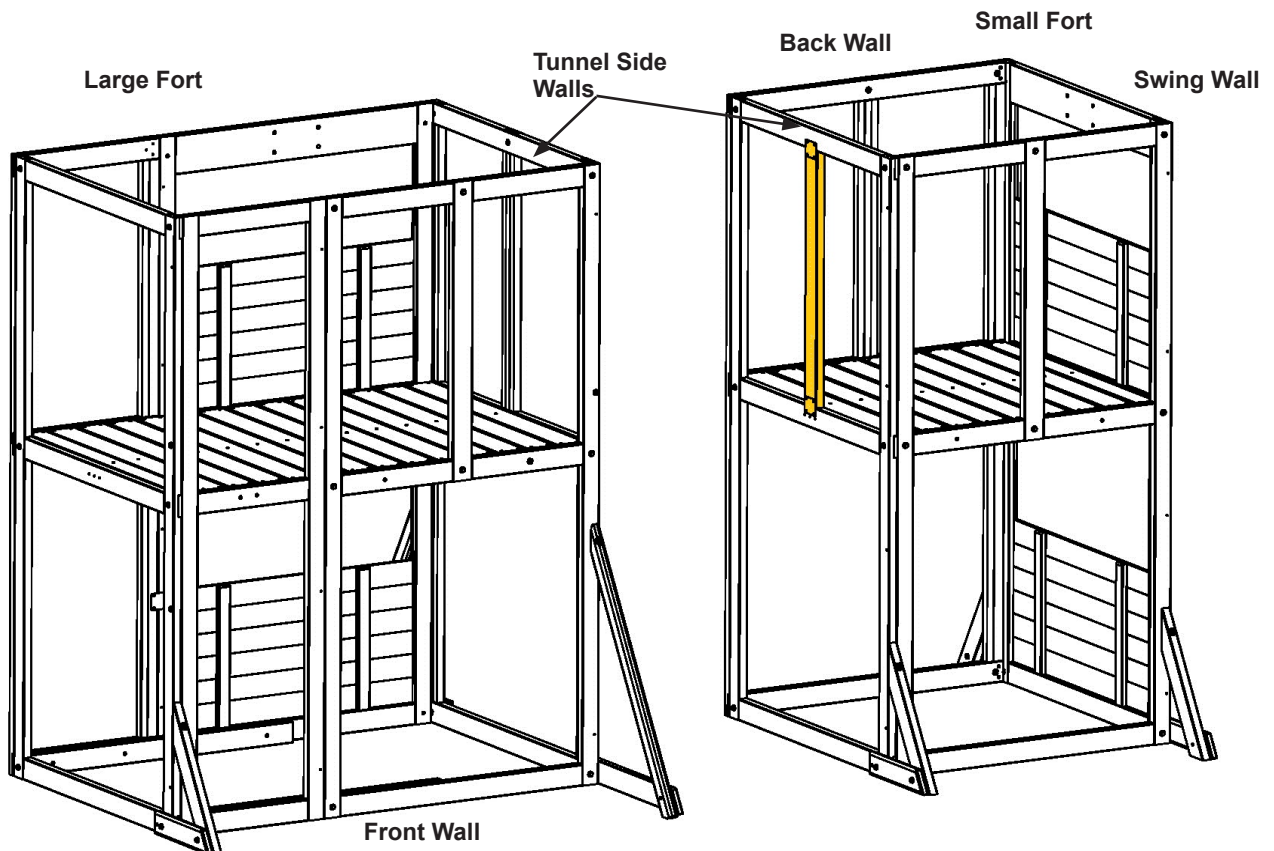


Fig. 9.1
Top View

Fig. 9.2



Step 9: Attach Tunnel Inserts Part 2

D: Place 1 (9084) Lower Tunnel Insert in each of the openings facing each other, tight to the floor boards and attach with 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 9.3 and 9.4)

E: In the opening of the Small Fort place 1 (9089) Upper Tunnel Insert tight to (2769) Panel BT Frame and attach with 4 (S0) #8 x 7/8" Truss Screws. (fig. 9.3 and 9.4)

Fig. 9.3

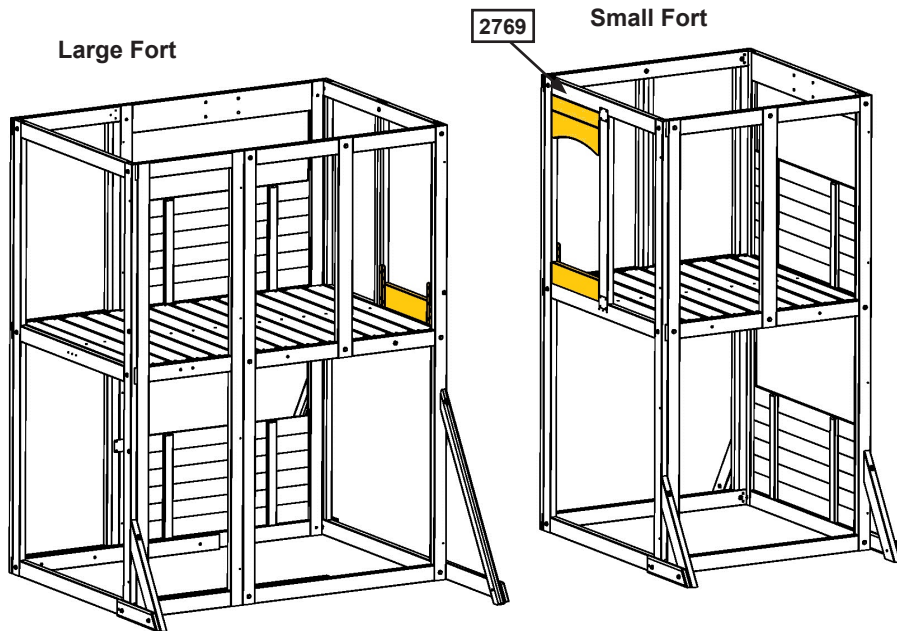
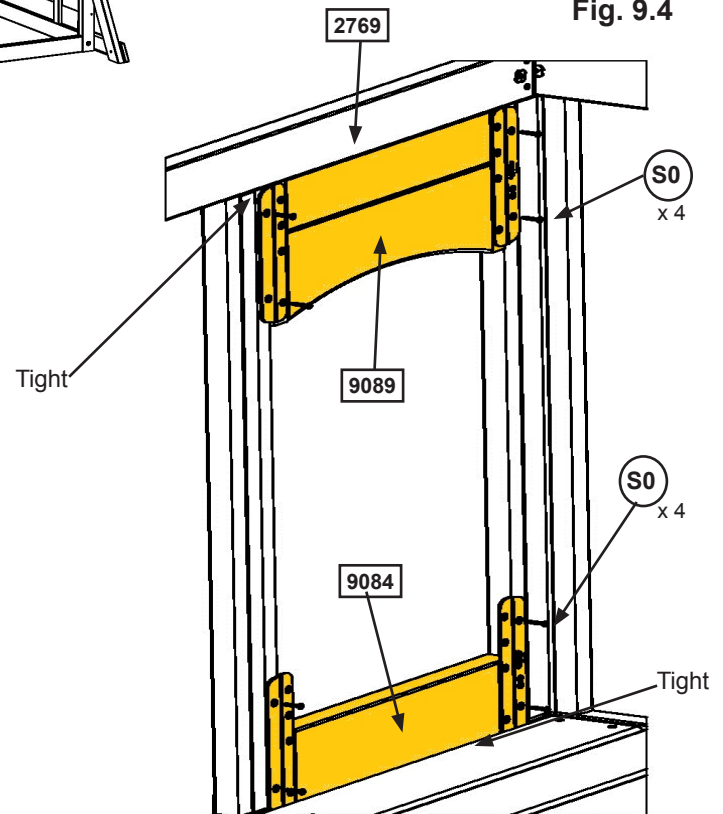


Fig. 9.4



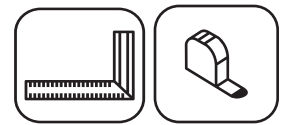
Wood Parts

- 2 x 9084 Lower Tunnel Insert 1.27 x 8 x 18.8"
- 1 x 9089 Upper Tunnel Insert 1.27 x 8.25 x 18.8"

Hardware

- 12 x S0 #8 x 7/8" Truss Screw

Step 10: Tunnel Floor Assembly Part 1



A: Tap in 2 (TN2) 5/16" T-nuts in each (9088) Tunnel Side Joist. (fig. 10.1)

B: With the (TN2) 5/16" T-nuts at the bottom measure 1" in from both ends of each (9088) Tunnel Side Joist then attach 1 (9086) Tunnel Top to each end with 4 (S4) #8 x 3" Wood Screws per board. Tops of boards to be flush. (fig. 10.1)

C: The distance diagonally from end of each (9088) Tunnel Side Joist must be 39-13/16". Tunnel Floor Frame must be square. (fig. 10.2)

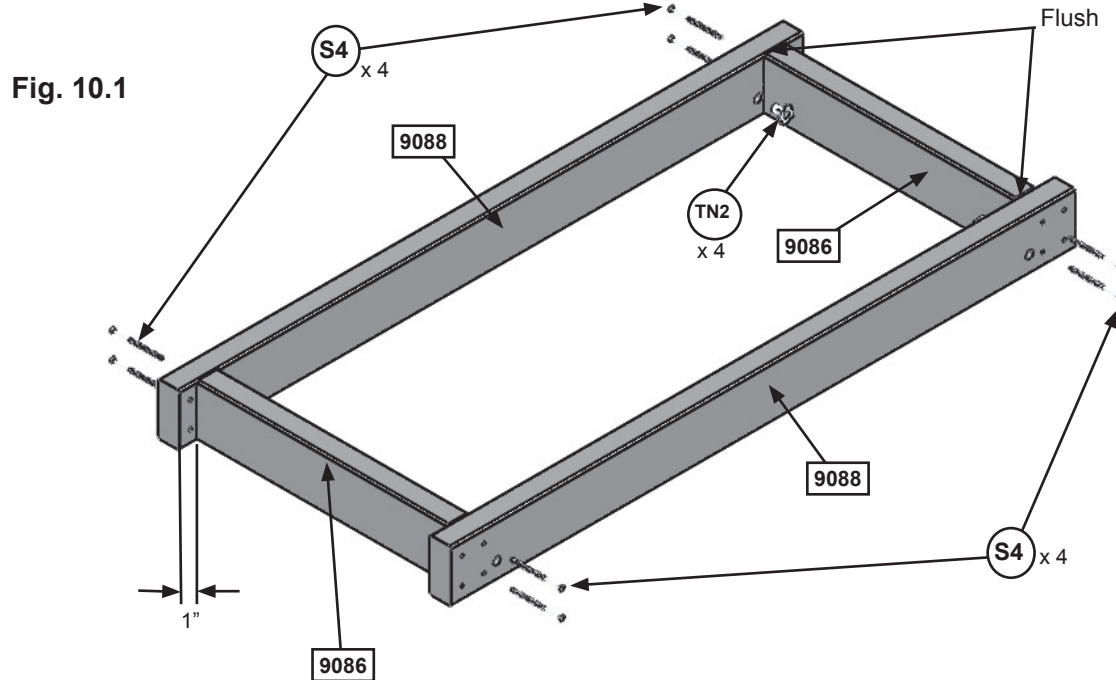
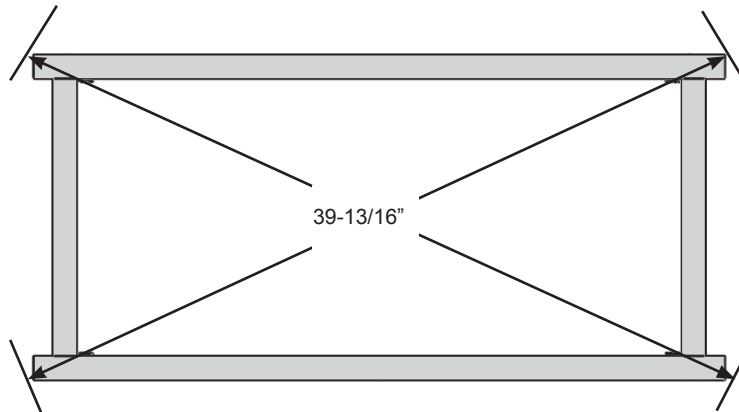


Fig. 10.2
Top View



Wood Parts

- 2 x **9088** Tunnel Side Joist 1-1/4 x 3 x 36"
- 2 x **9086** Tunnel Top 1-1/4 x 3 x 14-7/16"

Hardware

- 4 x **TN2** 5/16" T-nut
- 8 x **S4** #8 x 3" Wood Screw

Step 10: Tunnel Floor Assembly Part 2



D: Flush to the ends and sides of both (9088) Tunnel Side Joist place 1 (9087) Floor Board followed by 7 (9092) Floor Boards. Make sure the last board is flush to the ends of each (9088) Tunnel Side Joist then attach all floor boards with 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 10.3)

E: Measure 1-1/4" in from both ends of each (9088) Tunnel Side Joist then attach 1 Swing Bracket to each end with 1 (WB2) 5/16 x 1-3/8" Wafer Bolt (with flat washer, connects to already installed t-nuts) per bracket. Brackets must be flush to the bottom of the boards. (fig. 10.4)

Fig. 10.3

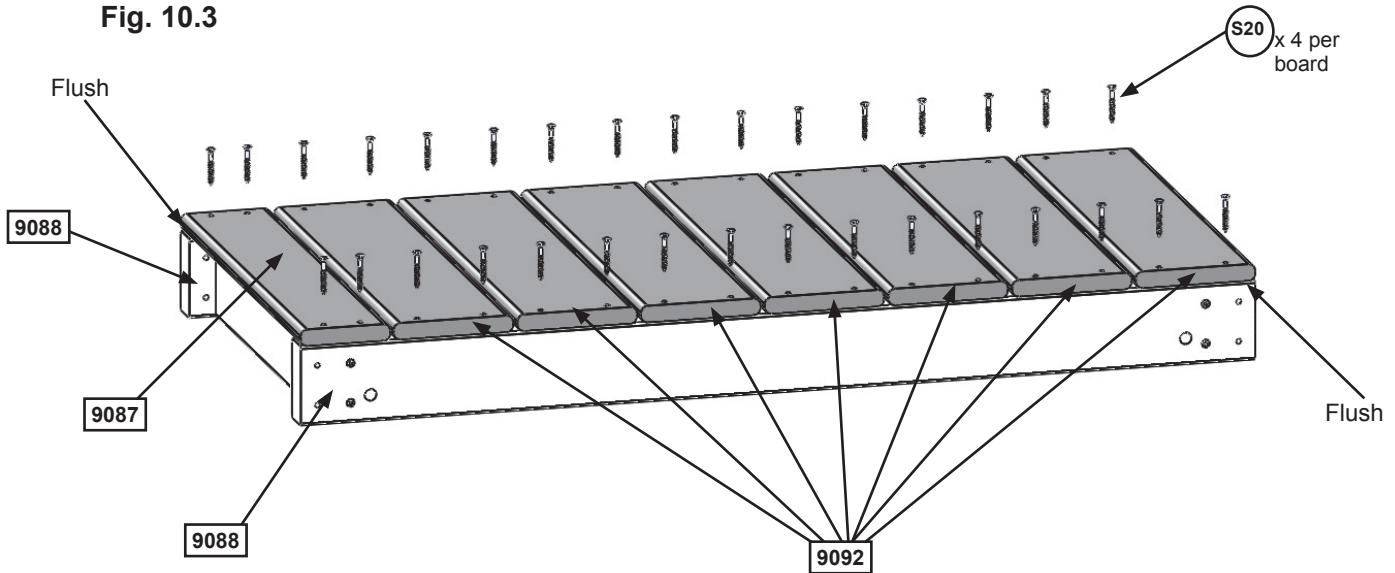
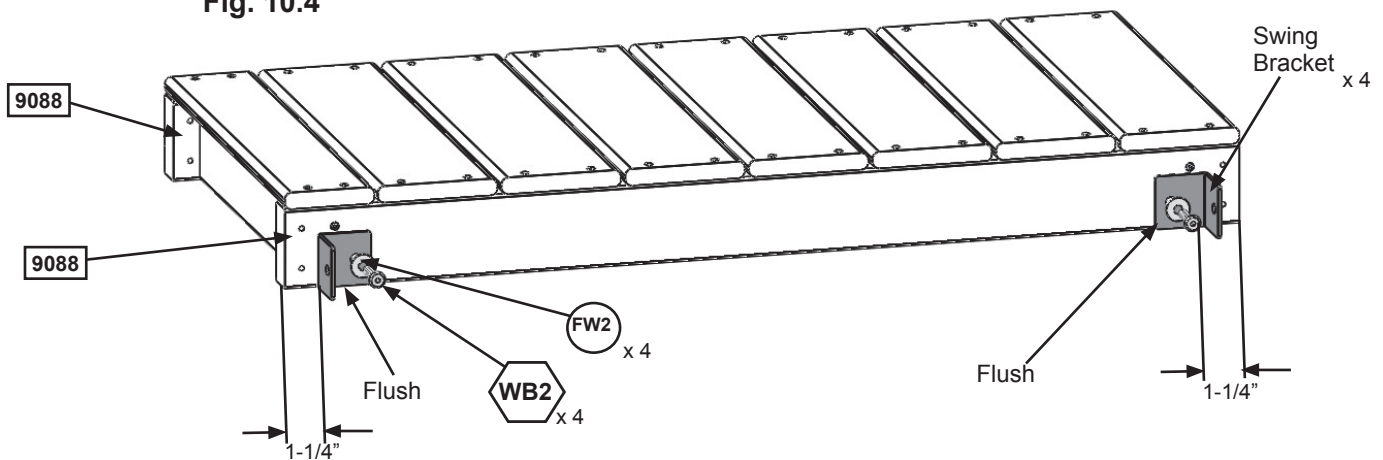


Fig. 10.4



Wood Parts

- 1 x 9087 Floor Board 1 x 4 x 16-7/8"
- 7 x 9092 Floor Board 1 x 5 x 16-7/8"

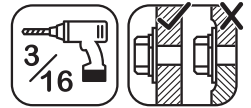
Hardware

- 32 x S20 #8 x 1-3/8" Wood Screw
- 4 x WB2 5/16 x 1-3/8" Wafer Bolt (5/16" flat washer)

Other Parts

- 4 x Swing Bracket

Step 11: Attach Tunnel Floor Assembly to Fort



A: Place Tunnel Floor Assembly between Large Fort and Small Fort tight to each (9084) Lower Tunnel Insert then attach with 4 (S4) #8 x 3" Wood Screws from the inside and 4 (S0) #8 x 7/8" Truss Screws from the outside per end. (fig. 11.1, 11.2 and 11.3)

B: Pre-drill with a 3/16" drill bit then attach each Swing Bracket to the fort with 1 (WL3) 1/4 x 1-3/8" Wafer Lag (with flat washer) per bracket. (fig. 11.2 and 11.4)

Fig. 11.1

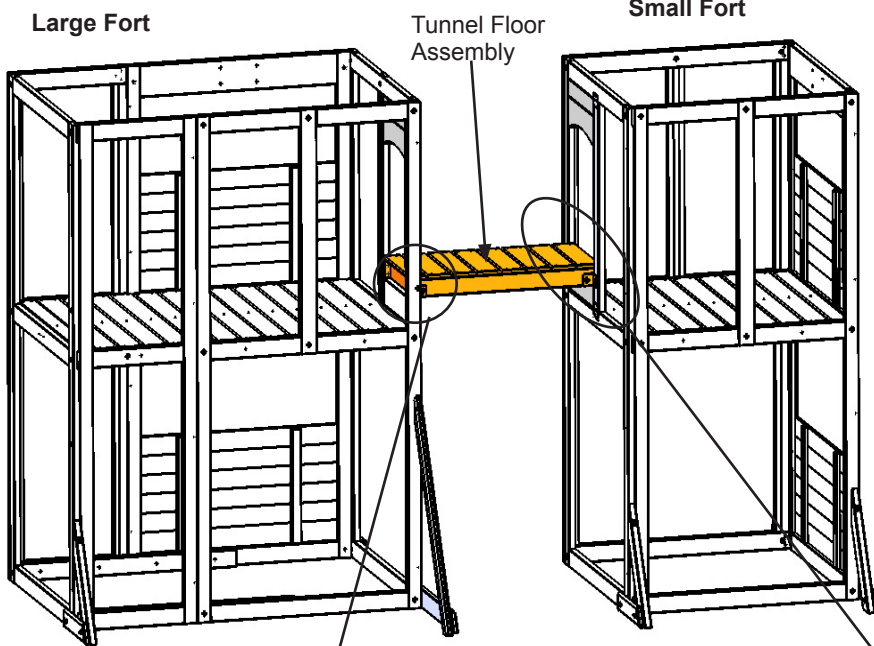


Fig. 11.2
Top View

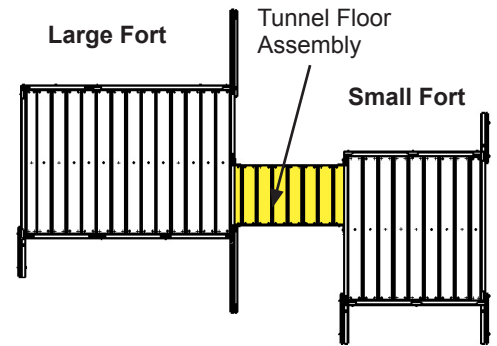


Fig. 11.4

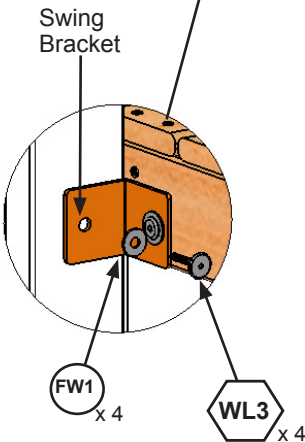
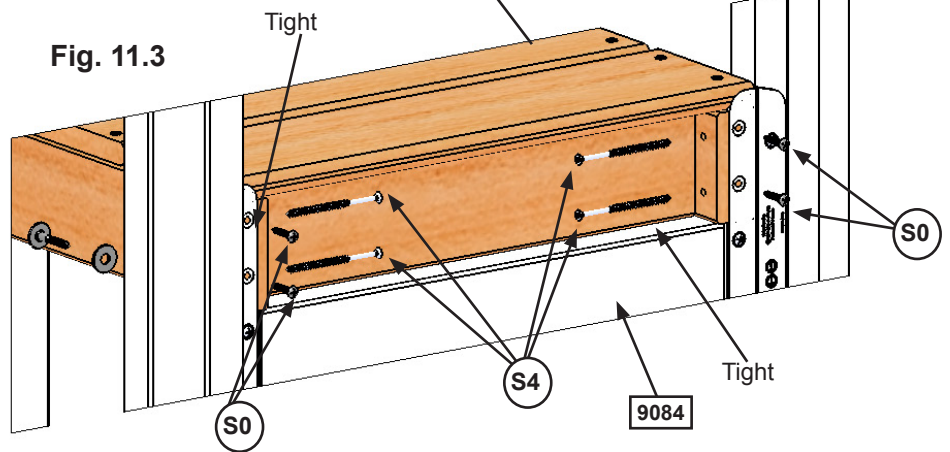


Fig. 11.3



Hardware

- 4 x 1/4 x 1-3/8" Wafer Lag (1/4" flat washer)
- 8 x #8 x 7/8" Truss Screw
- 8 x #8 x 3" Wood Screw

Step 12: Tunnel Assembly Part 1

A: Bend all 4 MOD Tunnel Panels as shown in fig. 12.1.

B: Match 2 MOD Tunnel Panels together by making a slight “V” with the pieces so the peak of the “V” faces away from you. Make sure connector tabs are coupled then straighten the 2 panels. Push down on one panel and up on the other until you hear the connector tabs click together and the bottom edges are flush. You may have to knock panels on a hard surface to align properly. (fig. 12.2 and 12.3)

C: Press nodules through the connector tab holes to hold Tunnel panels in place. (fig. 12.3)

D: Repeat Steps B-C to create a second Tunnel Side.

Fig. 12.1

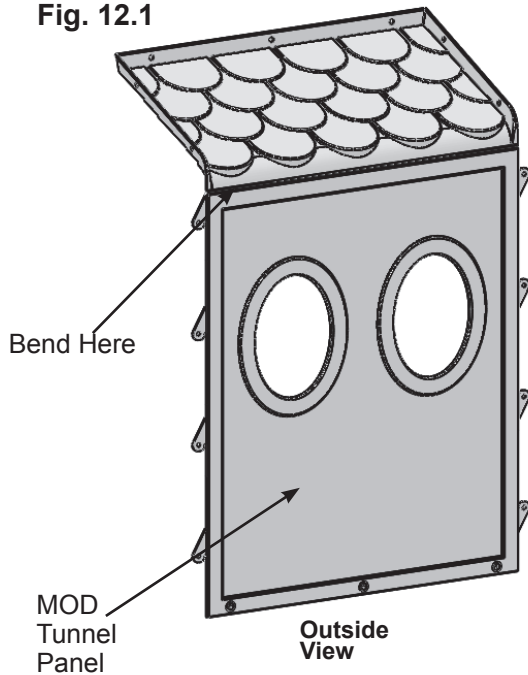


Fig. 12.2

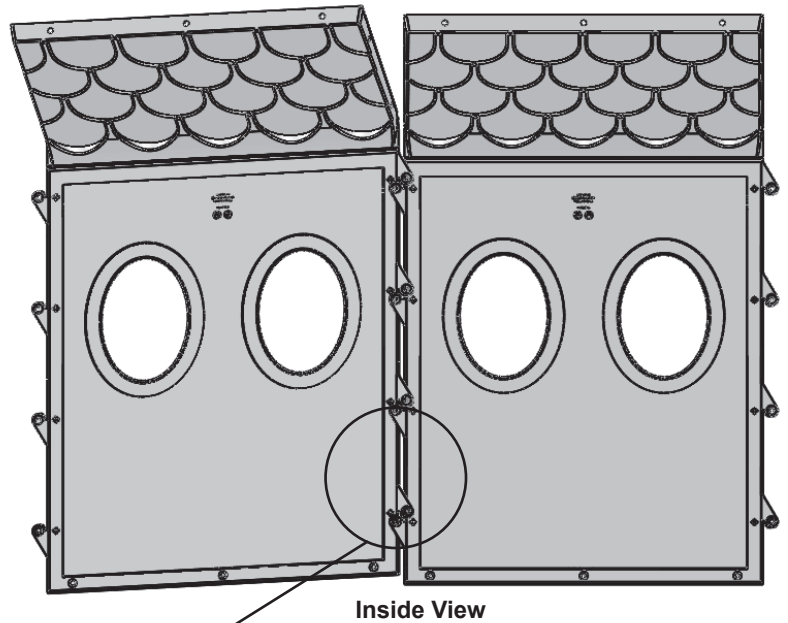
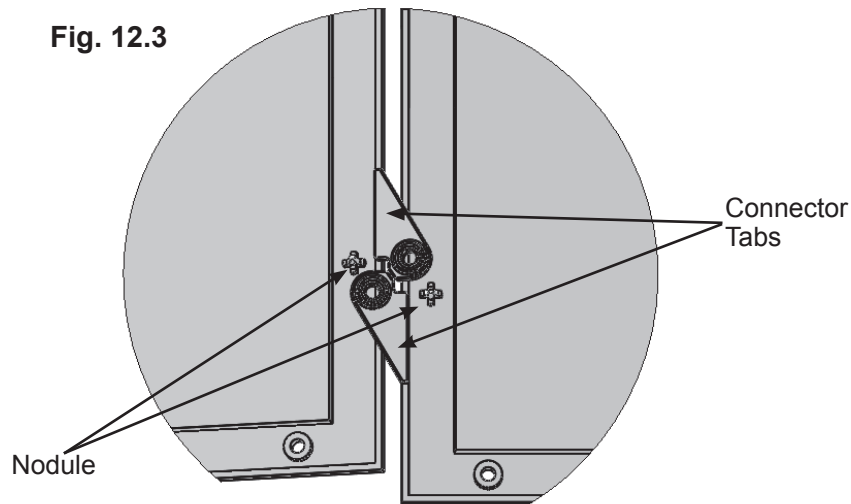


Fig. 12.3



Other Parts
4 x MOD Tunnel Panels

Step 12: Tunnel Assembly Part 2

E: Attach the tops of each Tunnel Side together using 2 (MB1) #12 x 1/2" Pan Bolts (with #12 Lock Nut) per side. (fig. 12.4 and 12.5)

F: Join the 2 Tunnel Sides together so the tops are tight together and attach with 6 (MB1) #12 x 1/2" Pan Bolts (with #12 Lock Nut). (fig. 12.6 and 12.7)

Fig.12.4

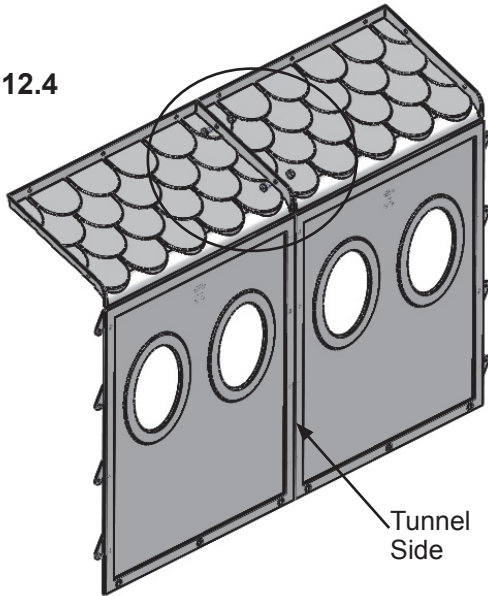


Fig. 12.5

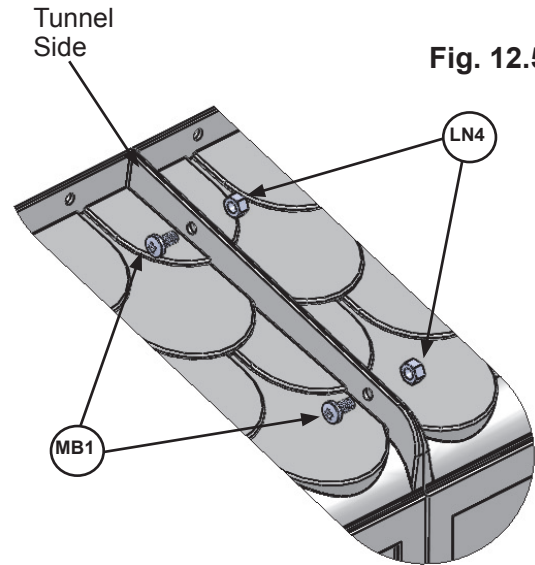


Fig. 12.6

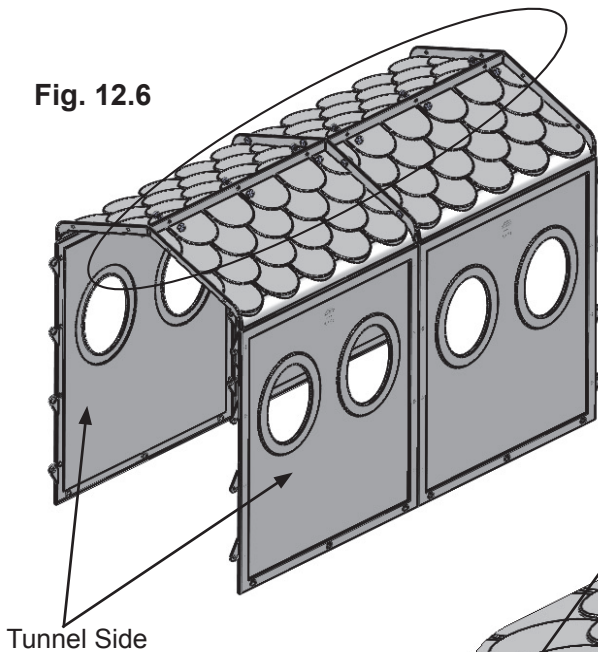
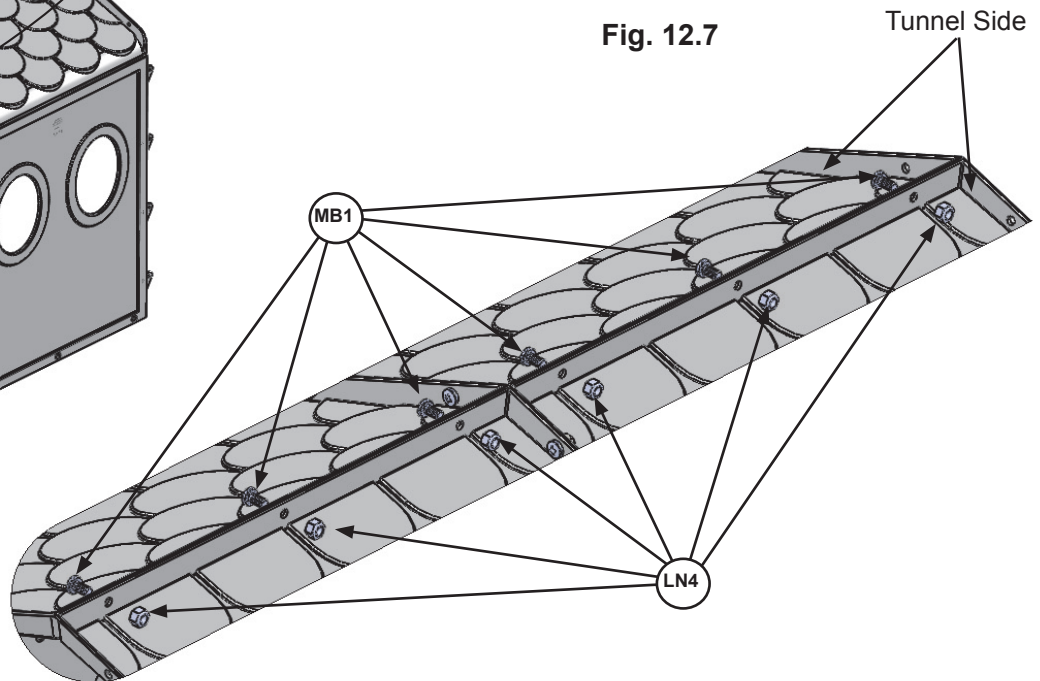


Fig. 12.7



Hardware

10 x (MB1) #12 x 1/2" Pan Bolt (#12 Lock Nut)

Step 13: Attach Tunnel Assembly to Fort Part 1

A: From inside the Large Fort slide the Tunnel Assembly through the opening onto the Tunnel Floor Assembly so it sits tight to the (9089) Upper Tunnel Insert on the Small Fort, both posts, (2774) Upright, (2602) Upper Jamb and the tunnel floor boards. (fig. 13.1, 13.2 and 13.3)

Fig. 13.2

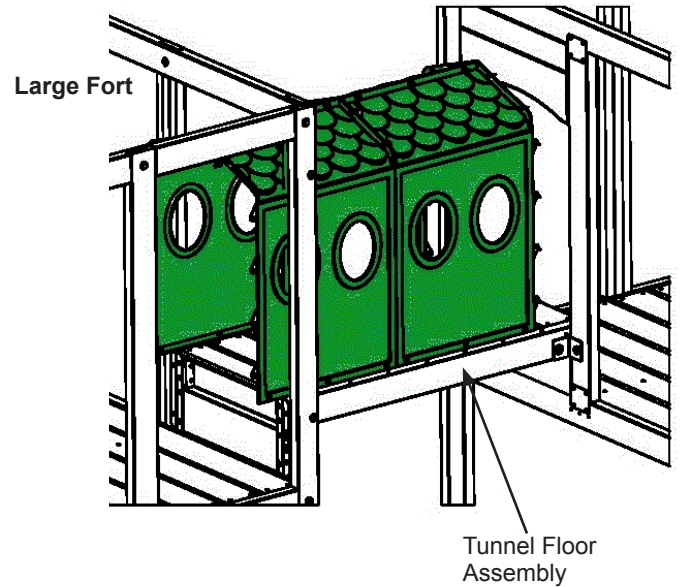


Fig. 13.1

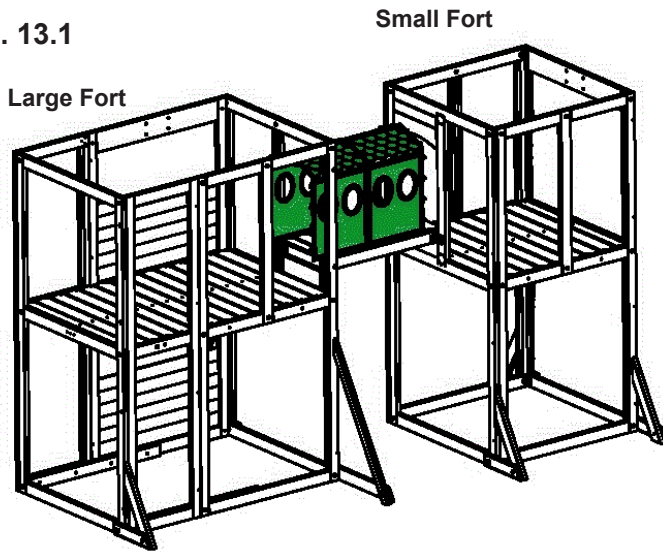
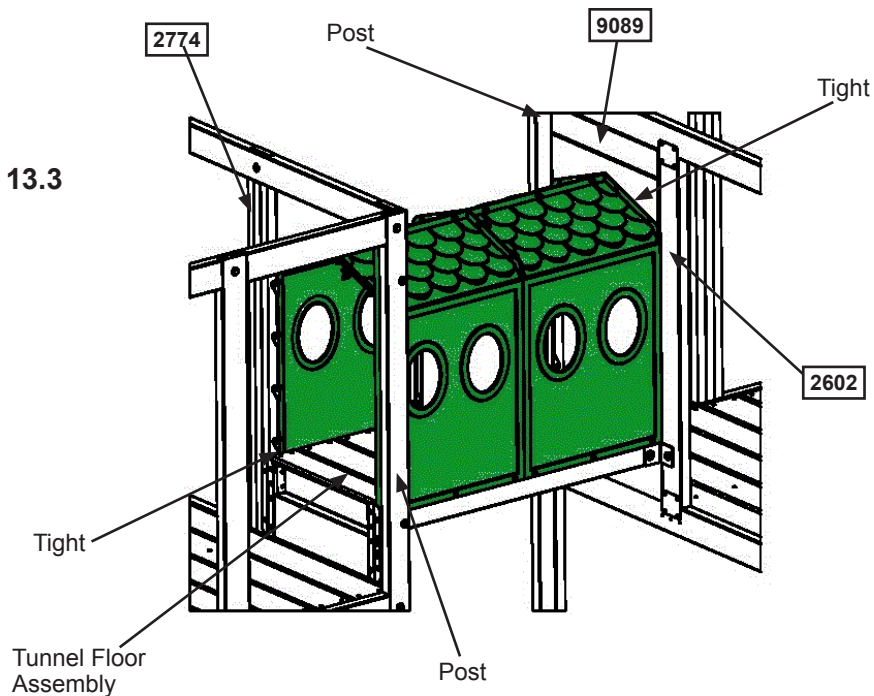


Fig. 13.3

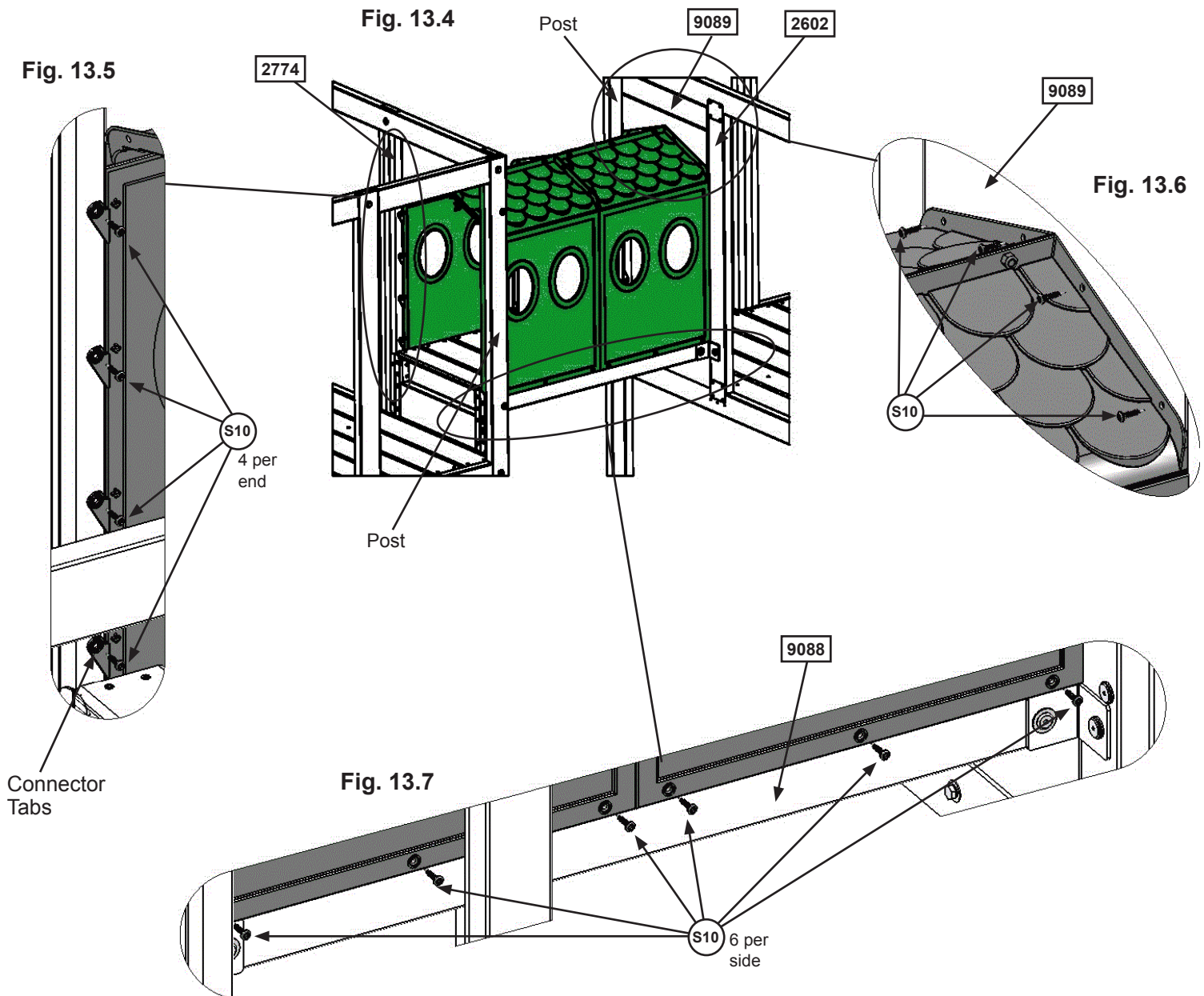


Step 13: Attach Tunnel Assembly to Fort Part 2


B: Attach Tunnel Assembly to the posts, (2602) Upper Jamb and (2774) Upright through the connector tab holes with 4 (S10) #8 x 1" Pan Screws per end. (fig. 13.4 and 13.5)

C: Attach Tunnel Assembly to (9089) Upper Tunnel Insert with 4 (S10) #8 x 1" Pan Screws. (fig. 13.4 and 13.6)

D: Attach Tunnel Assembly to each (9088) Tunnel Side Joist with 6 (S10) #8 x 1" Pan Screws per side. (fig. 13.4 and 13.7)



Hardware

32 x  #8 x 1" Pan Screw

Step 13: Attach Tunnel Assembly to Fort Part 3

E: From inside the Large Fort place 1 (9089) Upper Tunnel Insert tight to (2775) Panel Cross Support and attach with 4 (S0) #8 x 7/8" Truss Screws. (fig. 13.8 and 13.9)

F: Attach Tunnel Assembly to (9089) Upper Tunnel Insert with 4 (S10) #8 x 1" Pan Screws. (fig. 13.8 and 13.10)

Fig. 13.8

Large Fort

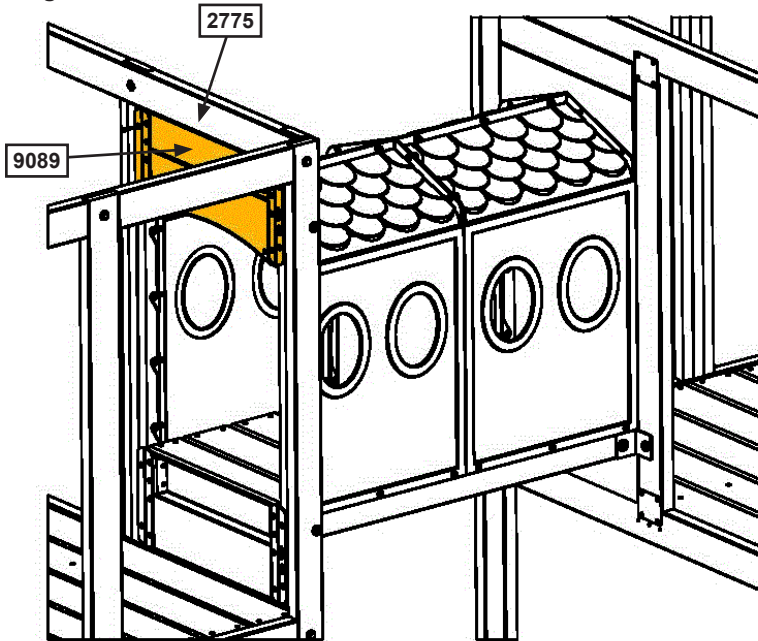


Fig. 13.9

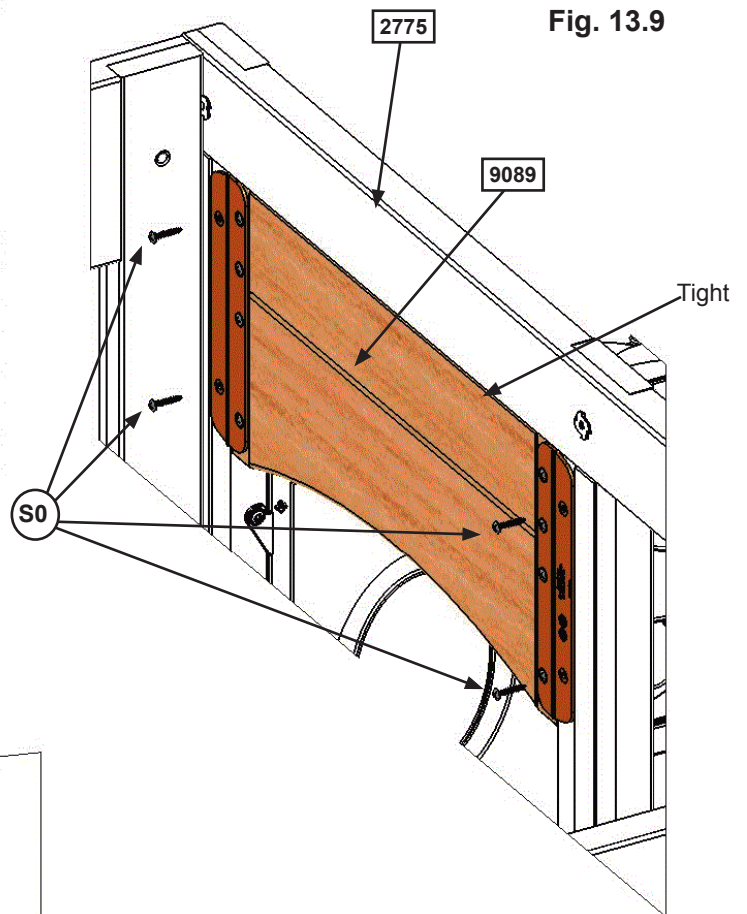
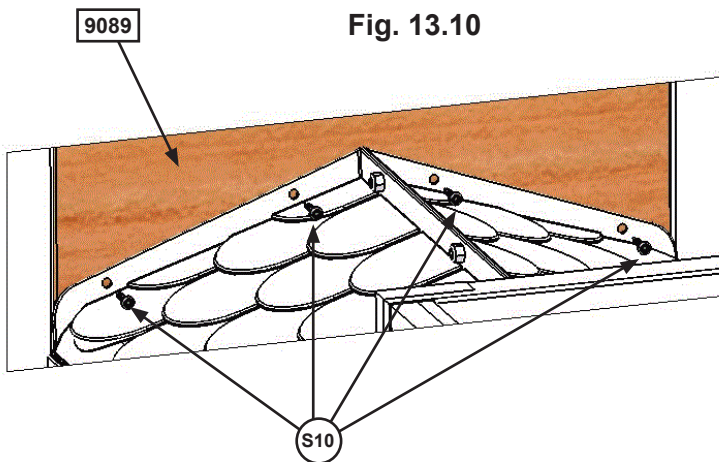


Fig. 13.10



Wood Parts

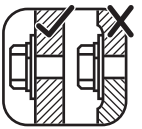
1 x 9089 Upper Tunnel Insert 1.27 x 8.25 x 18.8"

Hardware

4 x S0 #8 x 7/8" Truss Screw

4 x S10 #8 x 1" Pan Screw

Step 14: Swing Beam Assembly



A: Attach 6 Swing Hangers to the (2614) Engineered Beam using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger as shown in fig. 14.1.

B: Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 14.1 and 14.2)

C: Install 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 14.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

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

Fig. 14.1

Fort End

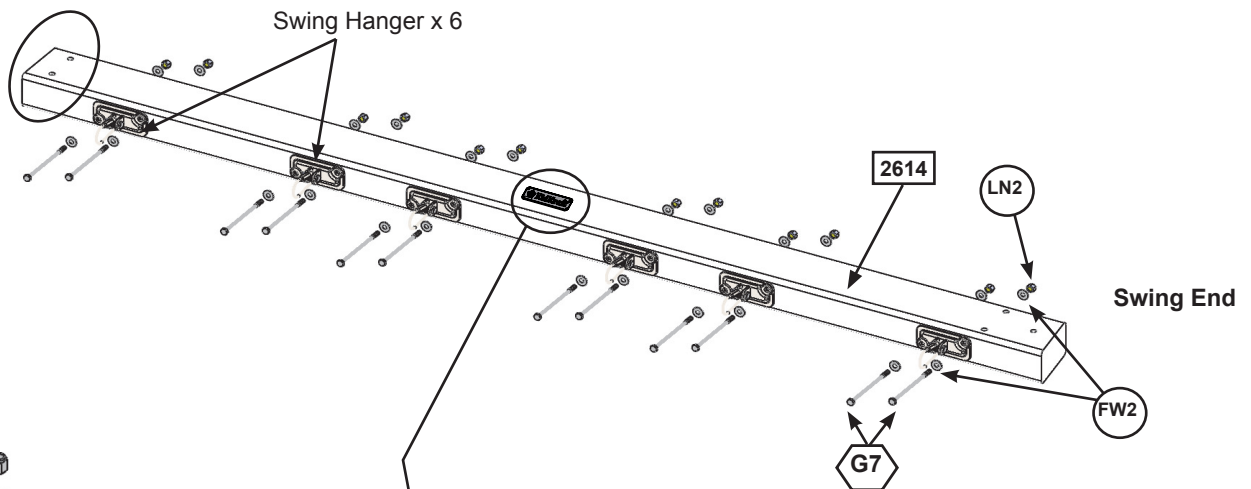


Fig. 14.2

Fort End

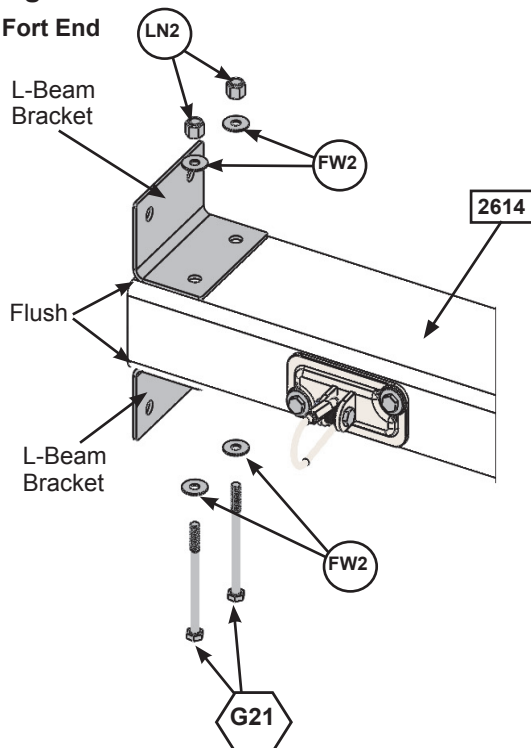
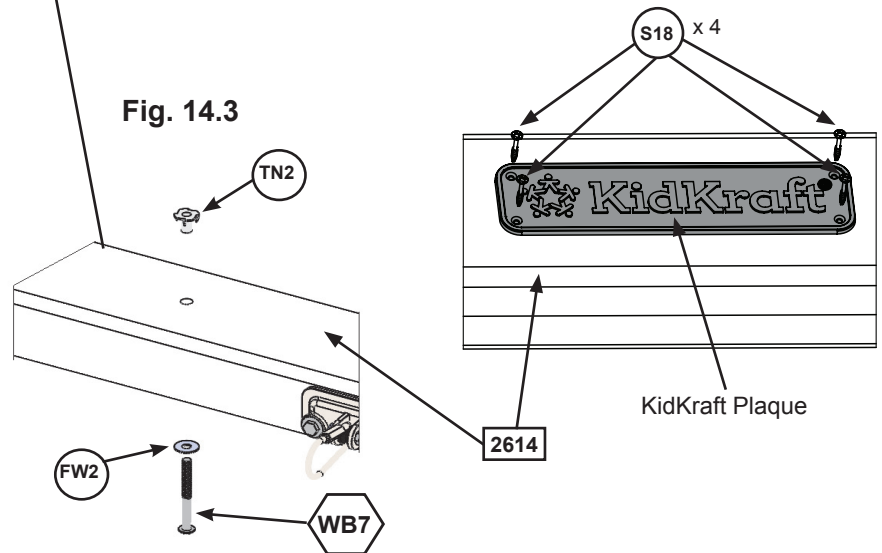


Fig. 14.3



Wood Parts

1 x (2614) Engineered Beam 4 x 6 x 88"

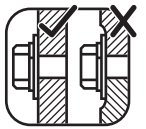
Hardware

12 x (G7) 5/16 x 5-1/2" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
 2 x (G21) 5/16 x 3-3/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
 1 x (WB7) 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)
 4 x (S18) #6 x 1" Wood Screw

Other Parts

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

Step 15: Swing End Assembly

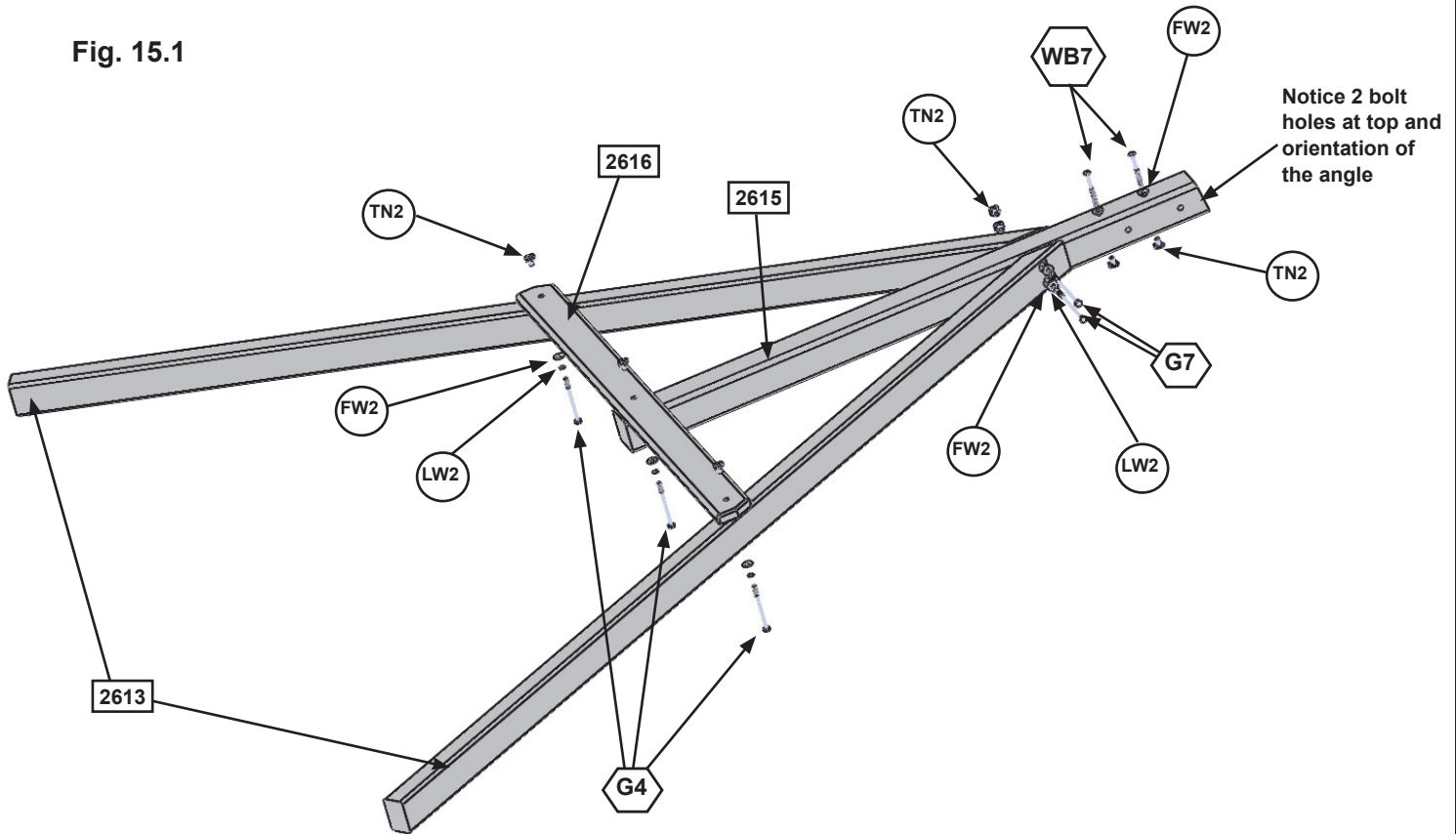


A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 15.1)

B: Attach (2616) SW Support to both (2613) Heavy SW Posts and (2615) SW Upright using 3 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts (fig. 15.1)

C: Install 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (2615) SW Upright as shown in fig. 15.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 15.1



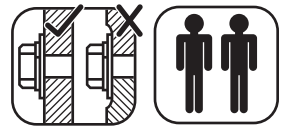
Wood Parts

- 2 x 2613 Heavy SW Post 2 x 3 x 86-11/16"
- 1 x 2615 SW Upright 4 x 4 x 50-15/16"
- 1 x 2616 SW Support 5/4 x 4 x 46-1/2"

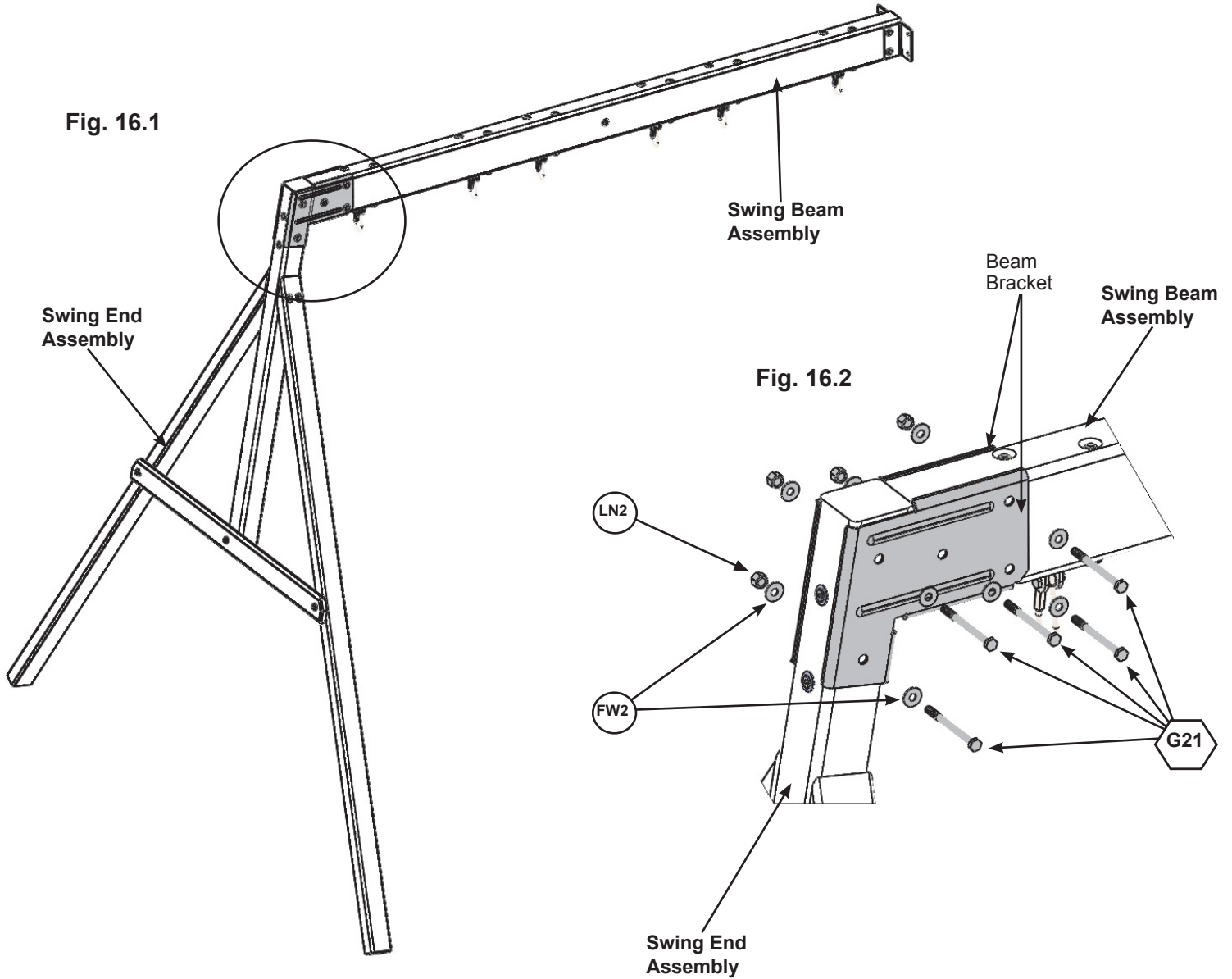
Hardware

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

Step 16: Attach Swing End to Swing Beam



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



Hardware

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

Other Parts

2 x Beam Bracket (Left/Right)

Step 17: Attach Swing Assembly To Fort



A: On the Small Fort 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) 5/16 x 2" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 17.1 and 17.2)

Fig. 17.1

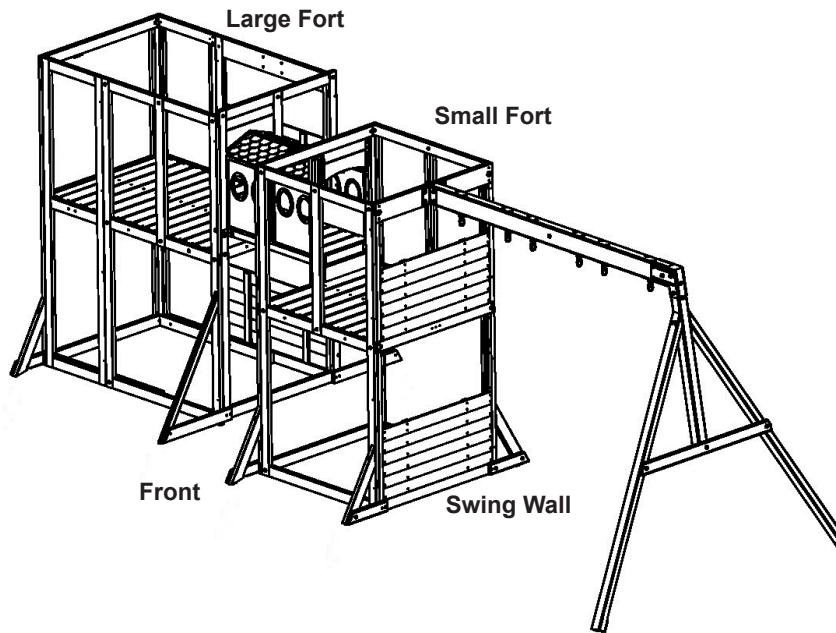
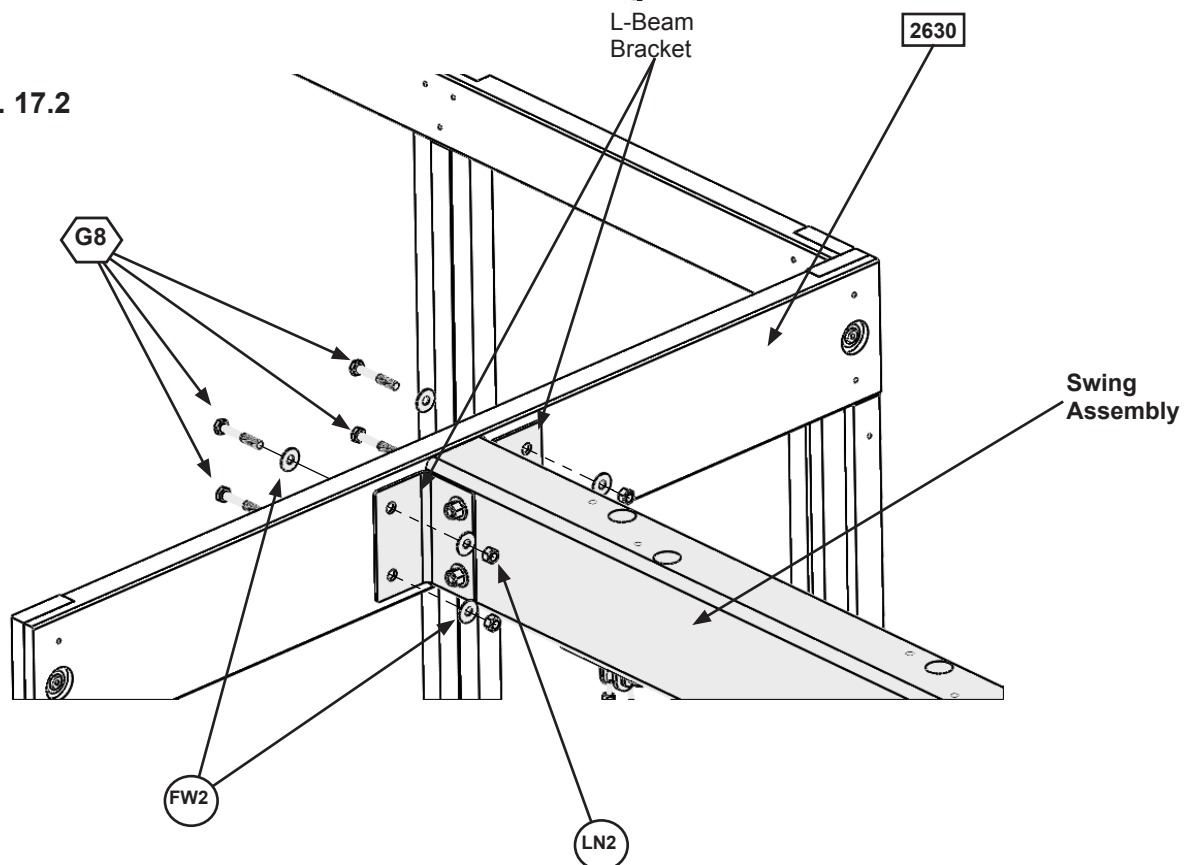


Fig. 17.2



Hardware

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

Step 18: Install Ground Stakes

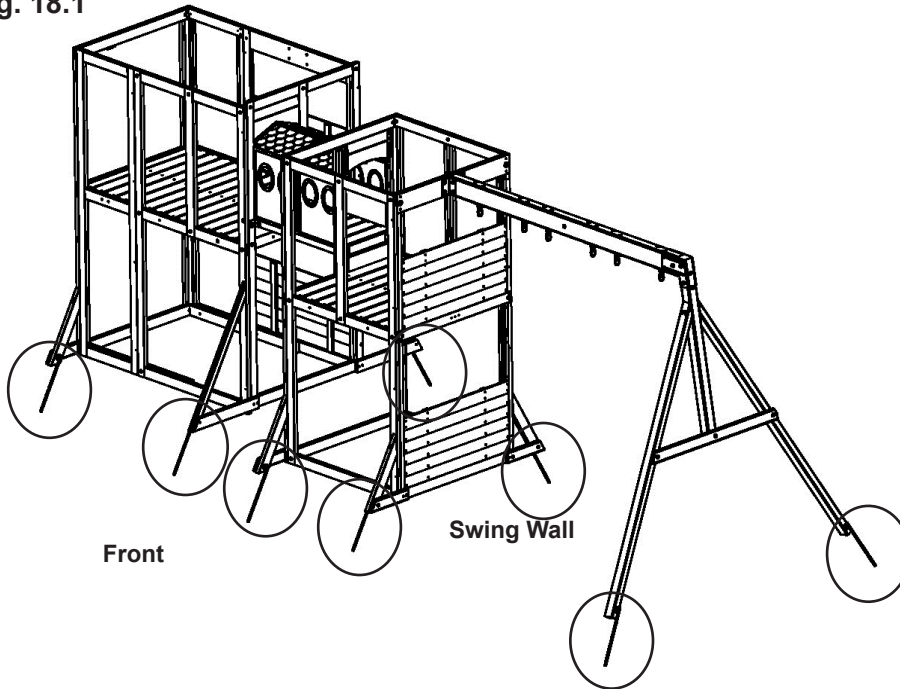
A: In the 8 places shown in fig. 18.1 drive the Rebar Ground Stakes 13" into the ground against all 4 (2607) Diagonals, both (8587) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

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

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

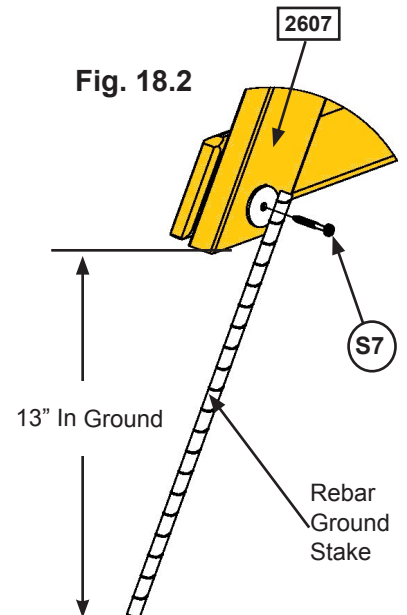
⚠ Warning! To prevent tipping and avoid potential injury, stakes must be driven 13" into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 18.1



**SEE FRONT COVER
FOR SAFETY CLEARANCE**

Fig. 18.2



Hardware

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

Other Parts

8 x Rebar Ground Stake

Step 19: Install Upper and Lower Jamb Part 1



A: In the Large Fort Front/Back Wall and on the Small Fort, both Front/Back Walls and the Tunnel Side Wall place 1 (2601) Lower Jamb in each lower opening so it measures 17" to the inside of each post then attach each (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 19.1, 19.2, 19.3, 19.4 and 19.5).

Fig. 19.1

Outside View

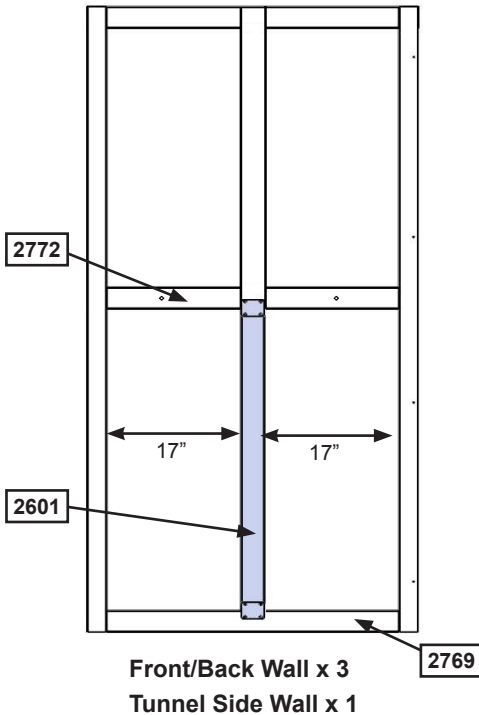


Fig. 19.3

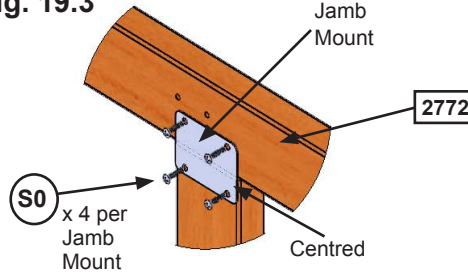


Fig. 19.4

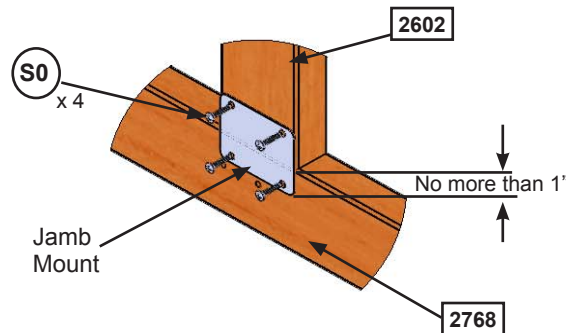


Fig. 19.2

Inside View

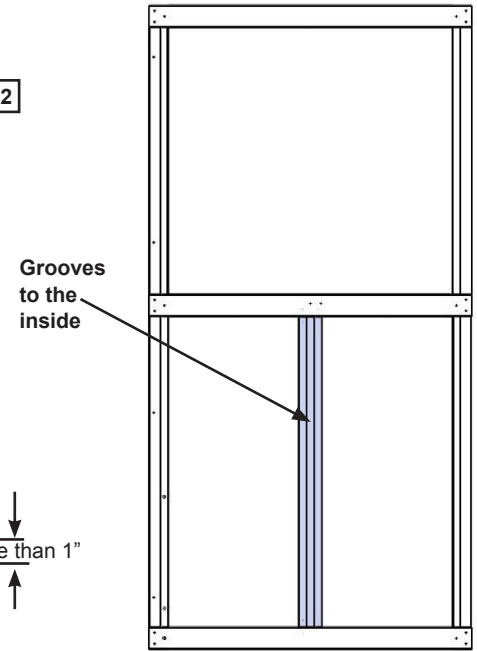
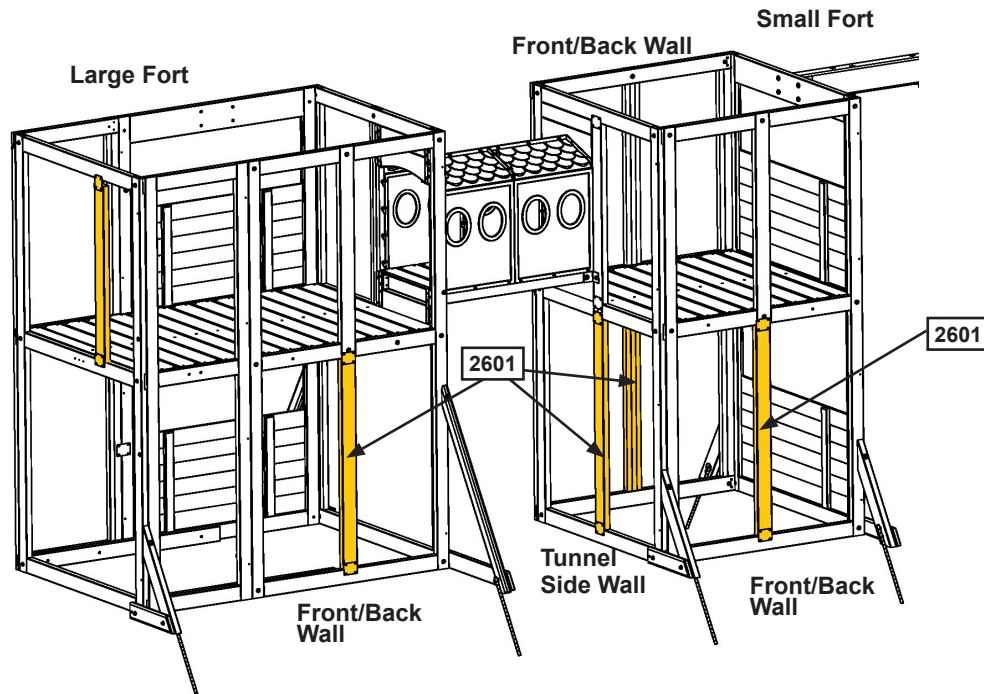


Fig. 19.5



Wood Parts

4 x 2601 Lower Jamb 1-1/4 x 3 x 41-15/16"

Hardware

32 x S0 #8 x 7/8" Truss Screw

Other Parts

8 x Jamb Mount

Step 19: Install Upper and Lower Jambs

Part 2



B: On the End Wall in the Large Fort place 1 (2602) Upper Jamb in the upper opening so it measures 9-5/8" to the inside of the right post then attach with 2 Jamb Mounts to (2769) Panel BT Frame and (2768) Panel Floor using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 19.6, 19.7, 19.8 and 19.9)

Fig. 19.6
Outside View

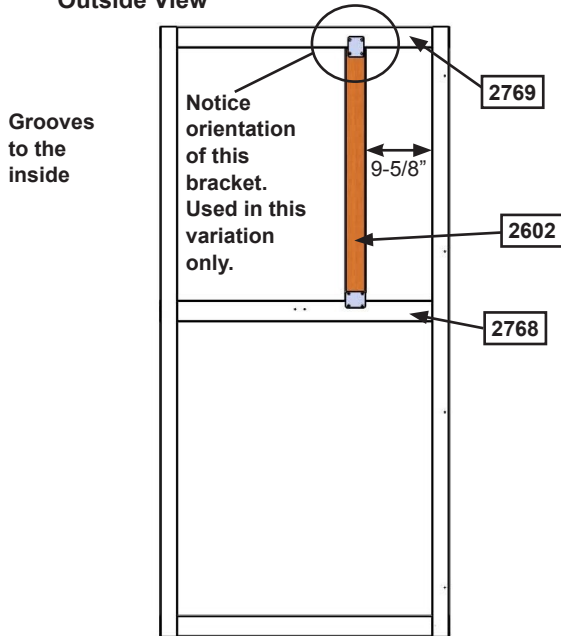


Fig. 19.7

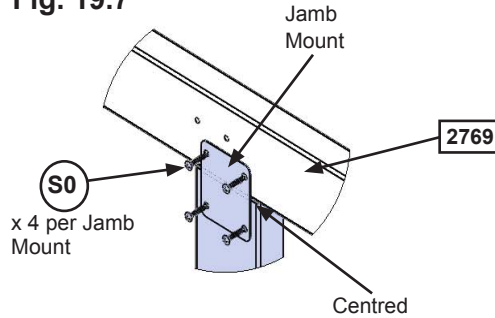


Fig. 19.8

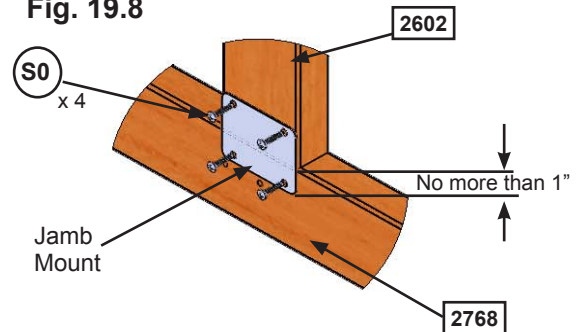
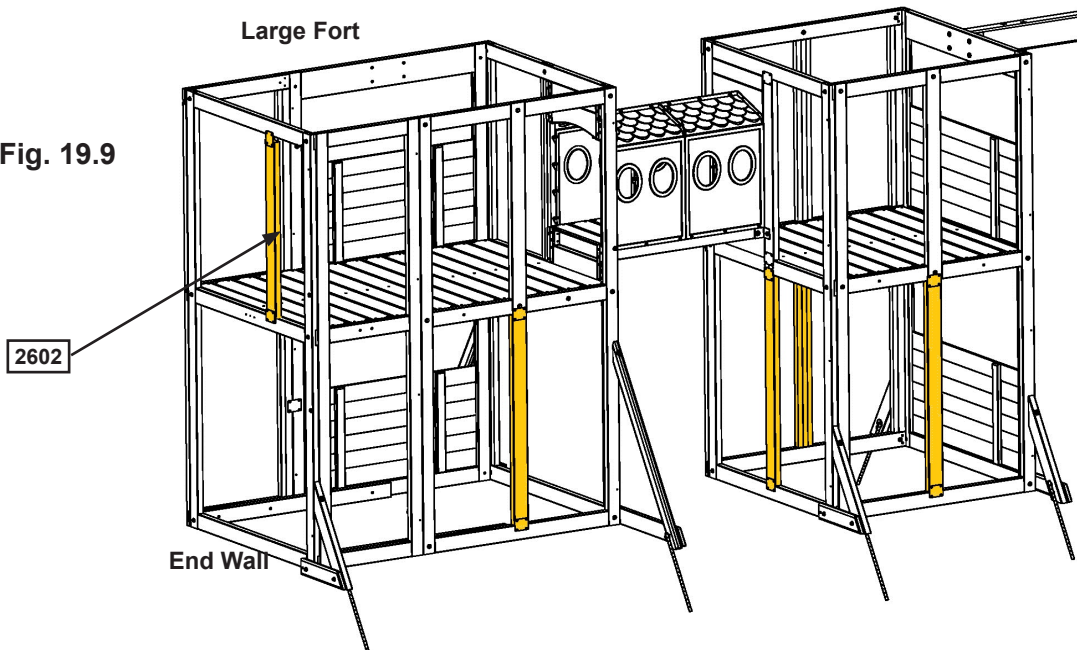


Fig. 19.9



Wood Parts

1 x 2602 Upper Jamb 1-1/4 x 3 x 35-15/16"

Hardware

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

Other Parts

2 x Jamb Mount

Step 20: Install Window and Wall Inserts

Part 1 - Large Fort Tunnel Side Wall

A: In the lower opening of the Large Fort Tunnel Side Wall install 1 (2665) Half Wall Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.1, 20.2 and 20.3)

B: In the right hand upper opening of the Large Fort Tunnel Side Wall install 1 MOD Arch using 3 (S0) #8 x 7/8" Truss Screws and 1 (649A) Short Half Wall using 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.1, 20.2, 20.4 and 20.5)

Fig. 20.1

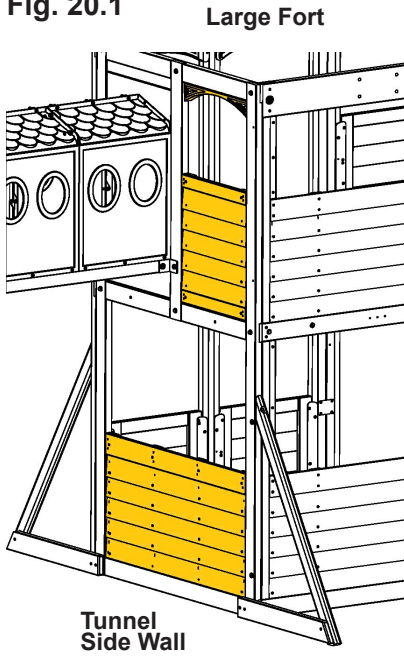


Fig. 20.2
Outside View

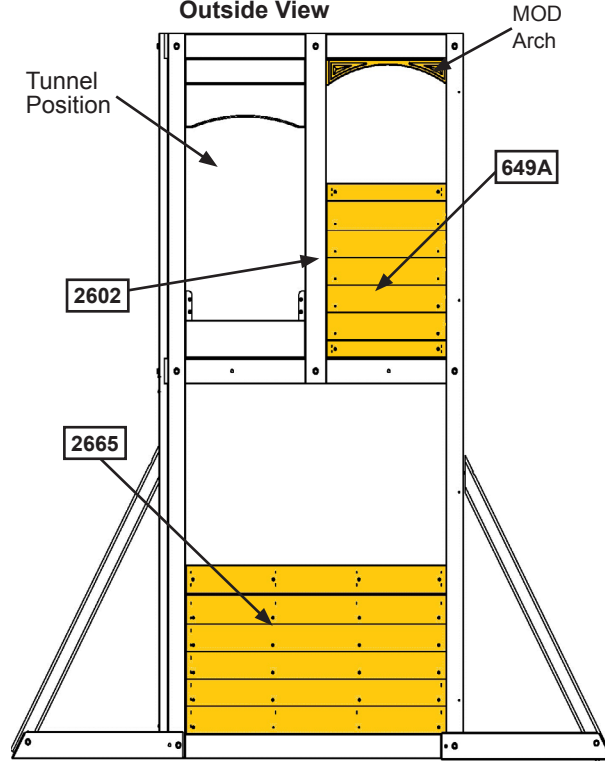


Fig. 20.4
Inside View

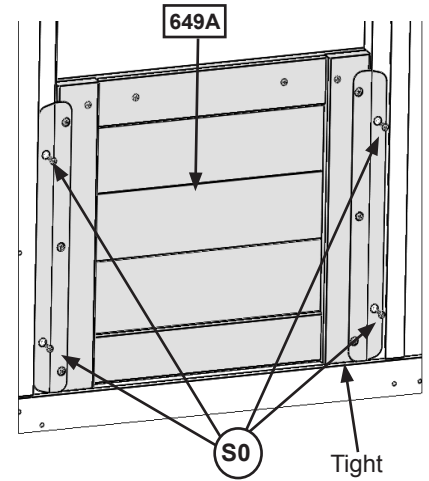


Fig. 20.3
Inside View

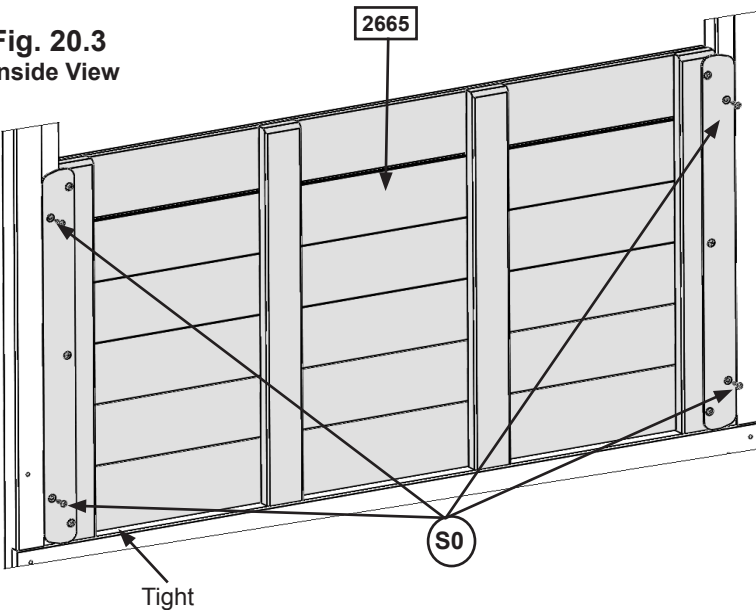
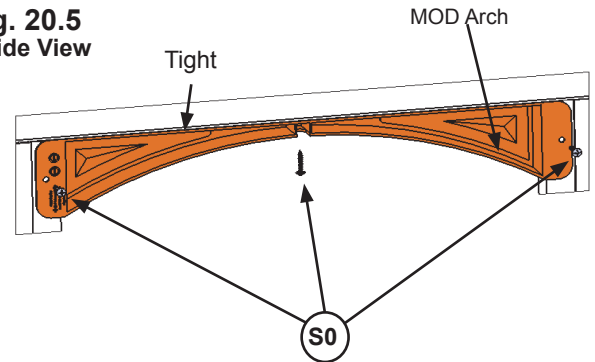


Fig. 20.5
Inside View



Wood Parts

- 1 x 2665 Half Wall Insert 1.4 x 20-1/4 x 38.8"
- 1 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

- 11 x S0 #8 x 7/8" Truss Screw

Other Parts

- 1 x MOD Arch

Step 20: Install Window and Wall Inserts

Part 2 - Large Fort Front Wall

C: In the upper openings of the Large Fort Front Wall install 3 MOD Arches using 3 (S0) #8 x 7/8" Truss Screws per insert. (fig. 20.6, 20.7 and 20.8)

D: In the upper opening of (2677) Narrow Panel and both lower openings of the Front/Back Wall install 3 (649A) Short Half Walls using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 20.6, 20.7 and 20.9)

Fig. 20.6

Large Fort

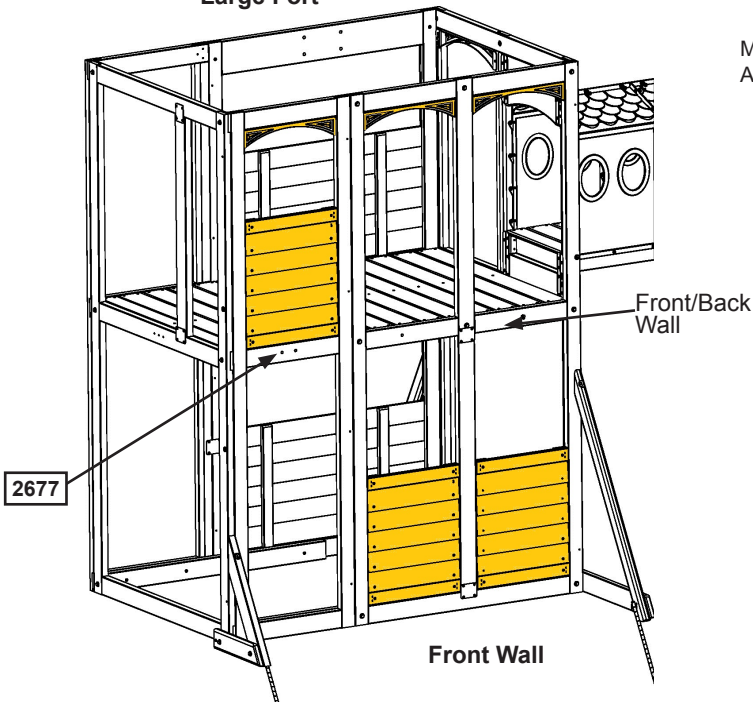


Fig. 20.7
Outside View

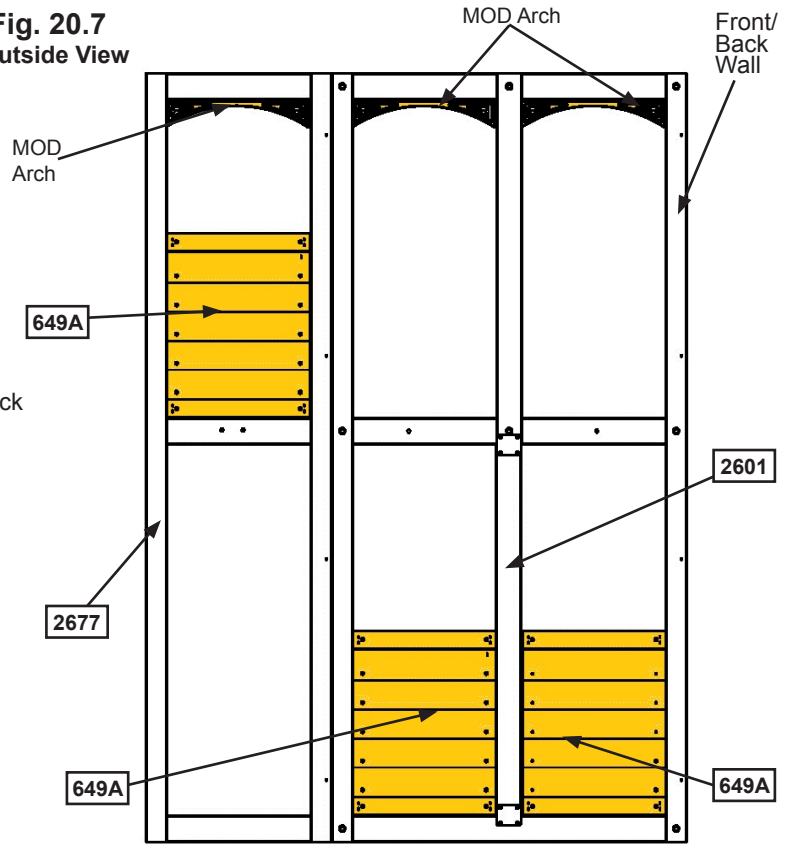


Fig. 20.8
Inside View

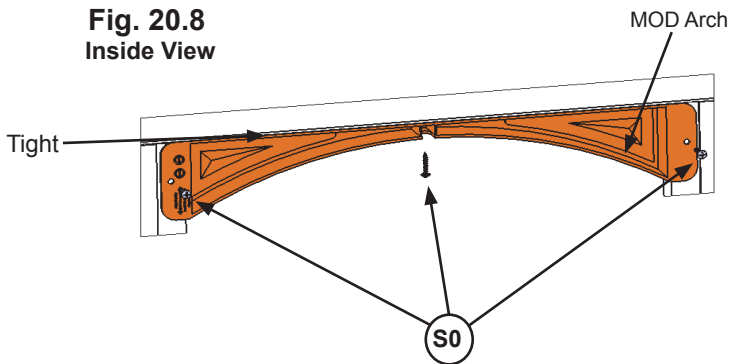
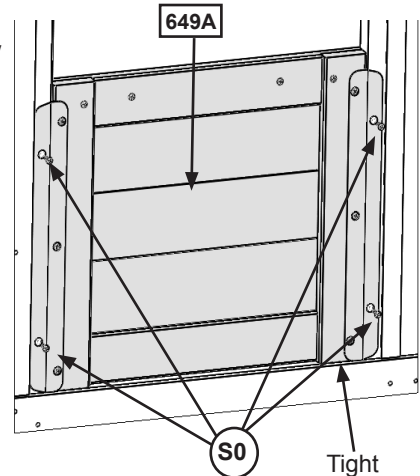


Fig. 20.9
Inside View



Wood Parts

3 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

21 x S0 #8 x 7/8" Truss Screw

Other Parts

3 x MOD Arch

Step 20: Install Window and Wall Inserts

Part 3 - Large Fort End Wall

E: In the lower openings of the Large Fort End Wall install 1 (2665) Half Wall Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.10, 20.11 and 20.12)

F: In the upper openings the Large Fort End Wall install 1 (8935) Lower SL Insert with 4 (S0) #8 x 7/8" Truss Screws and 1 MOD Side Lite with 14 (S0) #8 x 7/8" Truss Screws. (fig. 20.10, 20.11 and 20.13)

Fig. 20.10

Large Fort

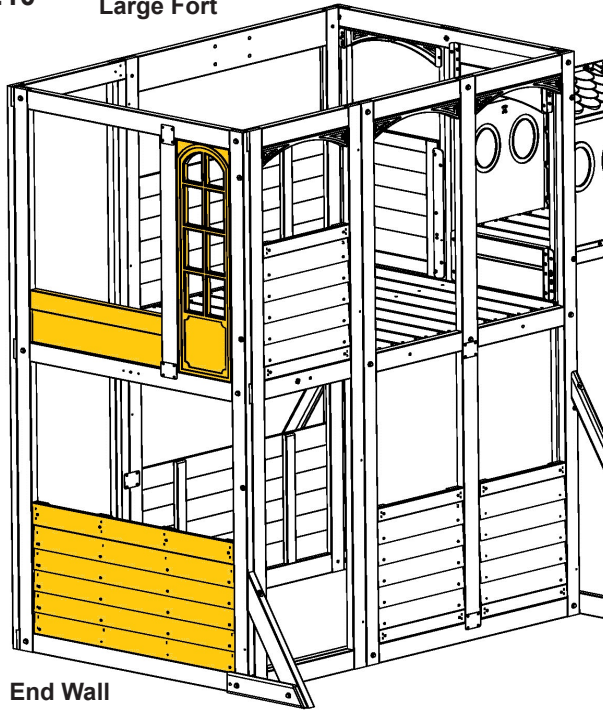


Fig. 20.11
Outside View

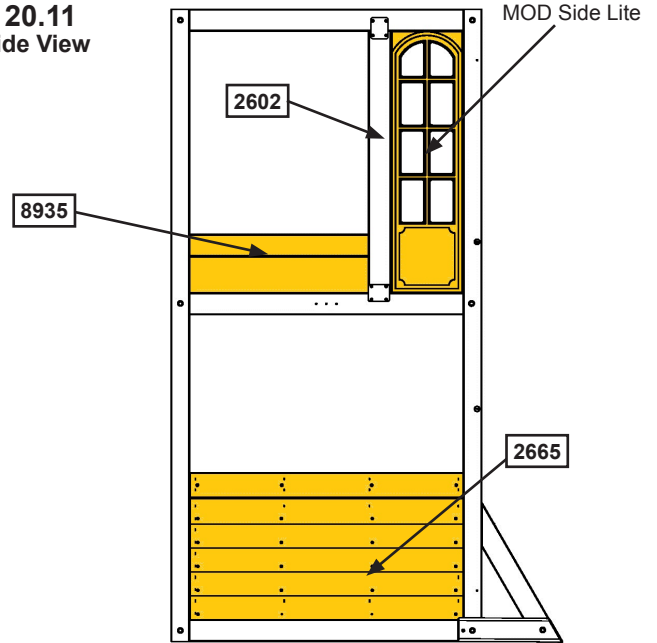


Fig. 20.12
Inside View

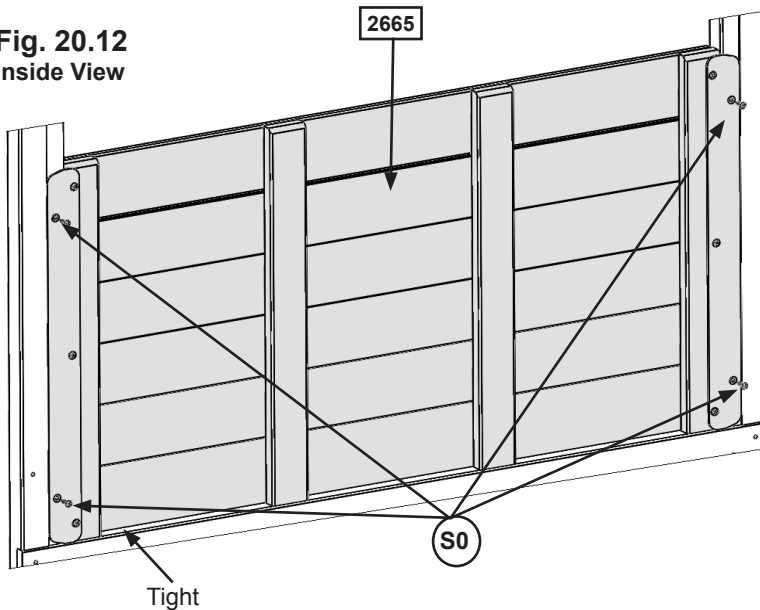
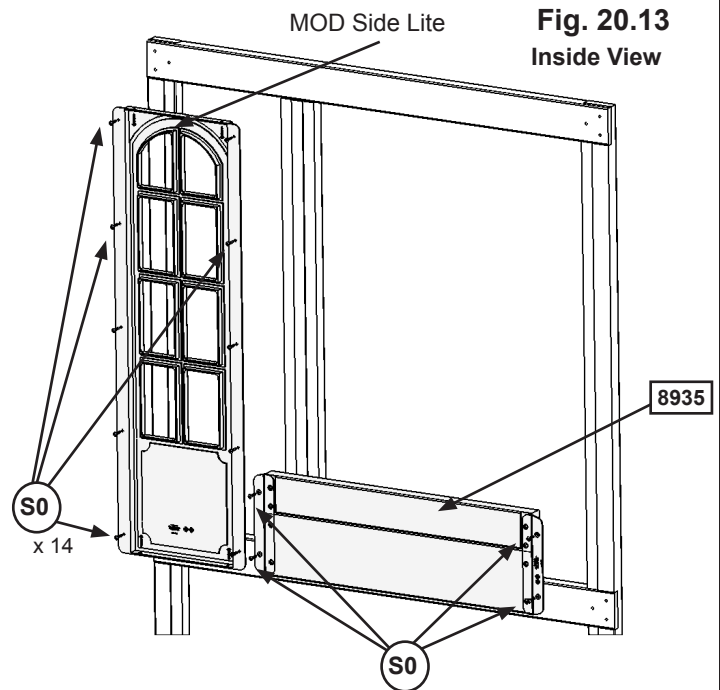


Fig. 20.13
Inside View



Wood Parts

- 1 x 2655 Half Wall Insert 1.4 x 20-1/4 x 38.8"
- 1 x 8935 Lower SL Insert 1.36 x 8-1/8 x 26-1/4" (from TNR III box)

Hardware

- 22 x S0 #8 x 7/8" Truss Screw

Other Parts

- 1 x MOD Side Lite (from TNR III box)

Step 20: Install Window and Wall Inserts

Part 4 - Large Fort Back Wall

G: In the upper opening of (2677) Narrow Panel on the Back Wall of the Large Fort install 1 MOD Arch using 3 (S0) #8 x 7/8" Truss Screws and 1 (649A) Short Half Wall using 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.14, 20.15, 20.16 and 20.17)

Fig. 20.14

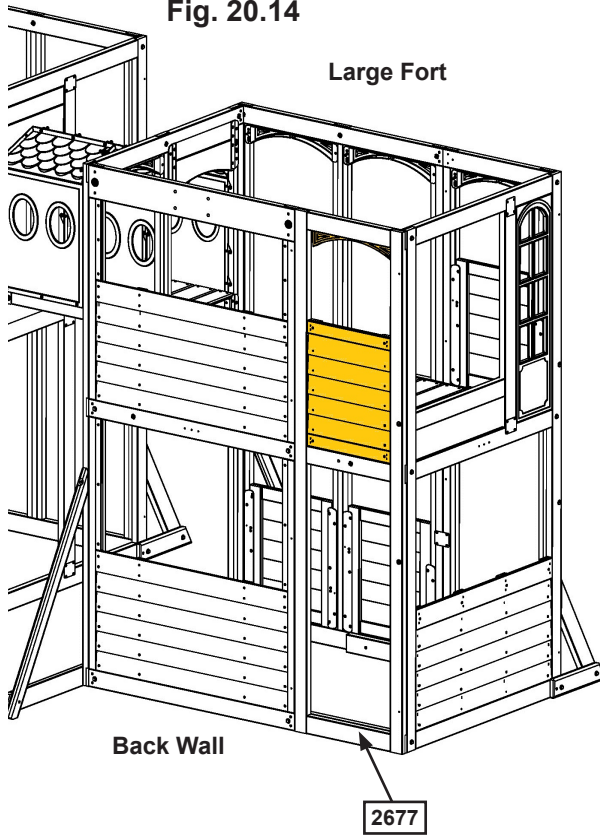


Fig. 20.15
Outside View

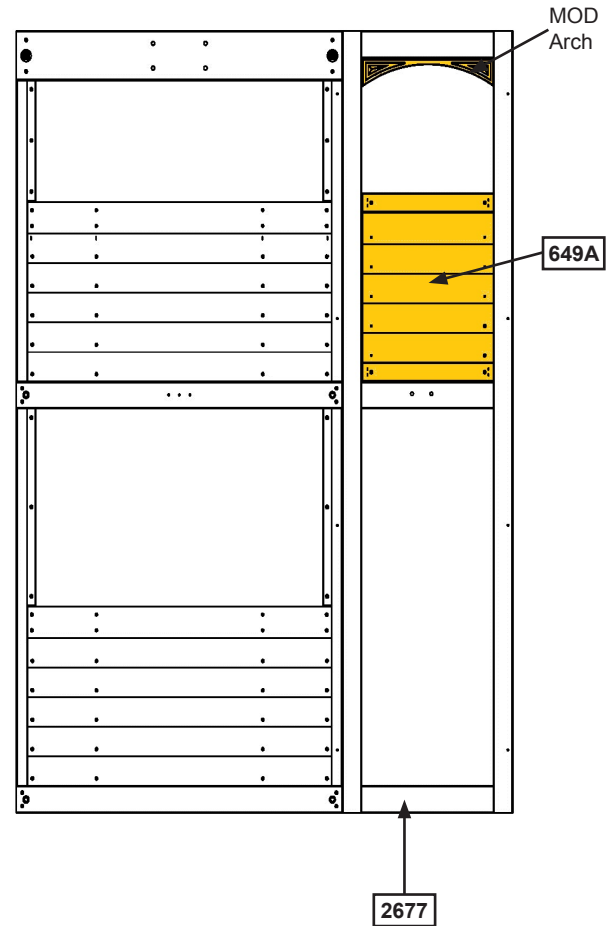


Fig. 20.16
Inside View

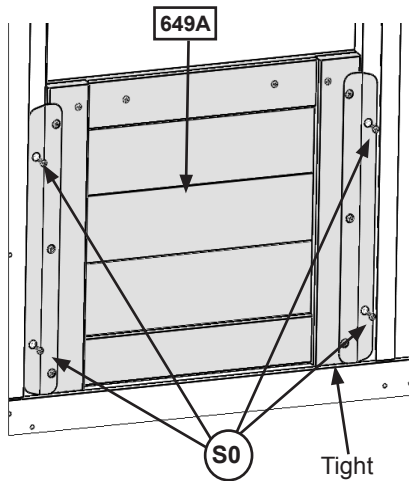
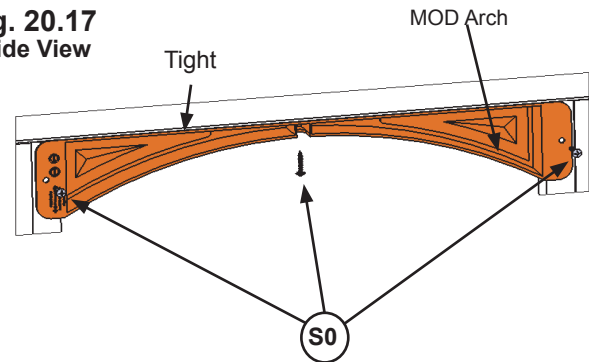


Fig. 20.17
Inside View



Wood Parts

1 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

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

Other Parts

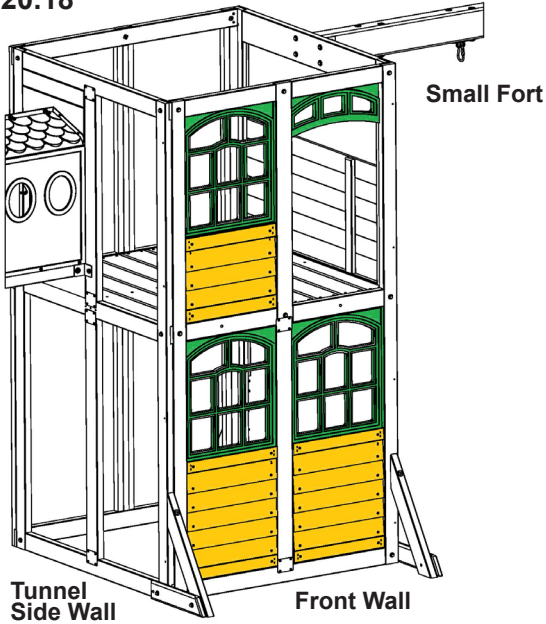
1 x MOD Arch

Step 20: Install Window and Wall Inserts Part 5 - Small Fort Front Wall

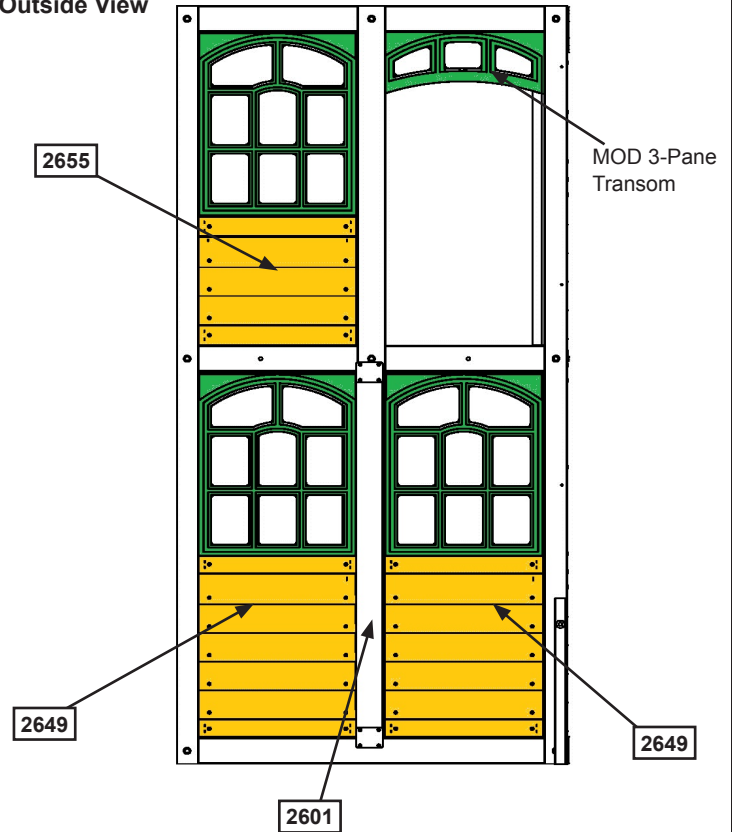
H: In the lower openings of the Small Fort Front Wall install 2 (2649) Lower Window Inserts and in the upper opening beside the Tunnel Side install 1 (2655) Upper Window Insert using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 20.18, 20.19 and 20.20)

I: In the right upper opening of the Small Fort Front Wall install 1 MOD 3-Pane Transom with 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.18, 20.19 and 20.21)

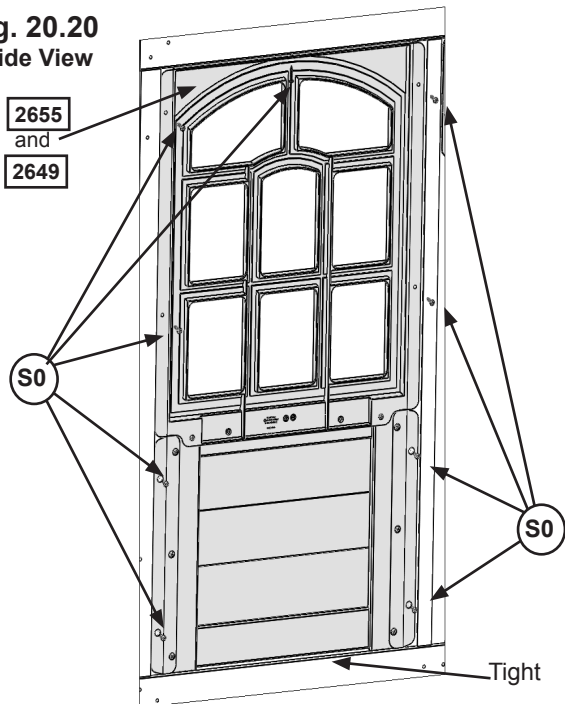
Fig. 20.18



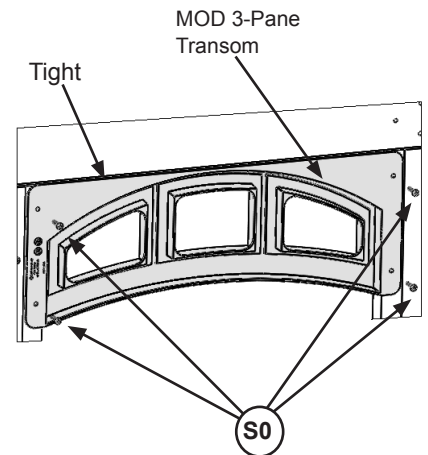
**Fig. 20.19
Outside View**



**Fig. 20.20
Inside View**



**Fig. 20.21
Inside View**



Wood Parts

- 1 x 2655 Upper Window Insert 1.27 x 18.8 x 35.86"
- 2 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"

Hardware

- 31 x (S0) #8 x 7/8" Truss Screw

Other Parts

- 1 x MOD 3-Pane Transom

Step 20: Install Window and Wall Inserts

Part 6 - Small Fort Tunnel End Wall

J: In the lower openings of the Small Fort Tunnel End Wall install 2 (2649) Lower Window Inserts using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 20.22, 20.23 and 20.24)

K: In the upper opening of the Small Fort Tunnel End Wall beside the tunnel install 1 MOD Arch using 3 (S0) #8 x 7/8" Truss Screws and 1 (649A) Short Half Wall using 4 (S0) #8 x 7/8" Truss Screws. (fig. 20.22, 20.23, 20.25 and 20.26)

Fig. 20.22

Small Fort

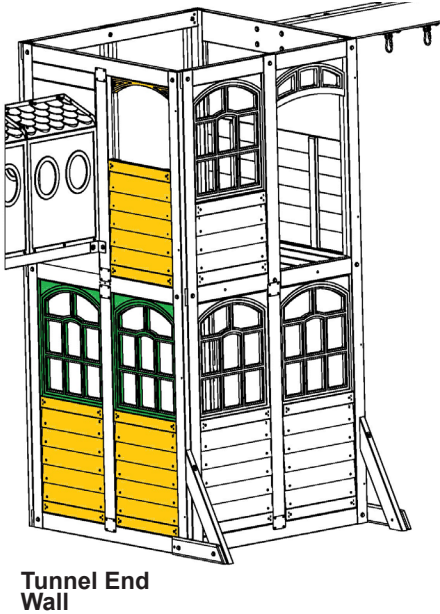


Fig. 20.23
Outside View

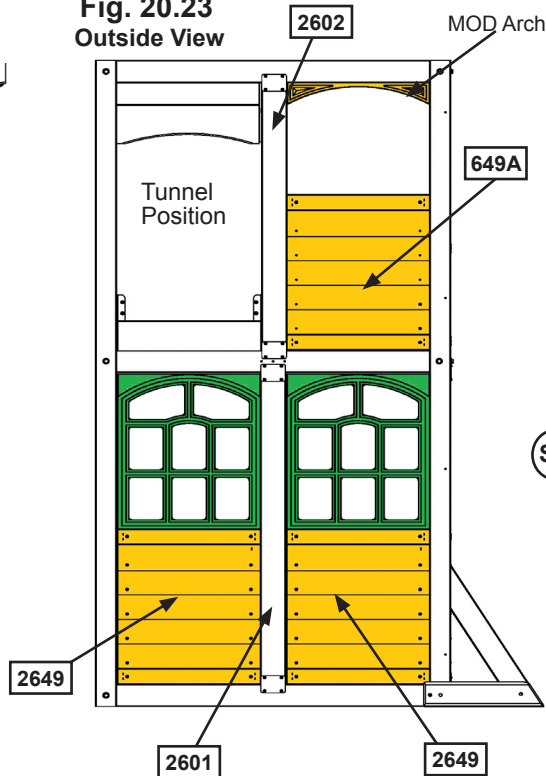


Fig. 20.24
Inside View

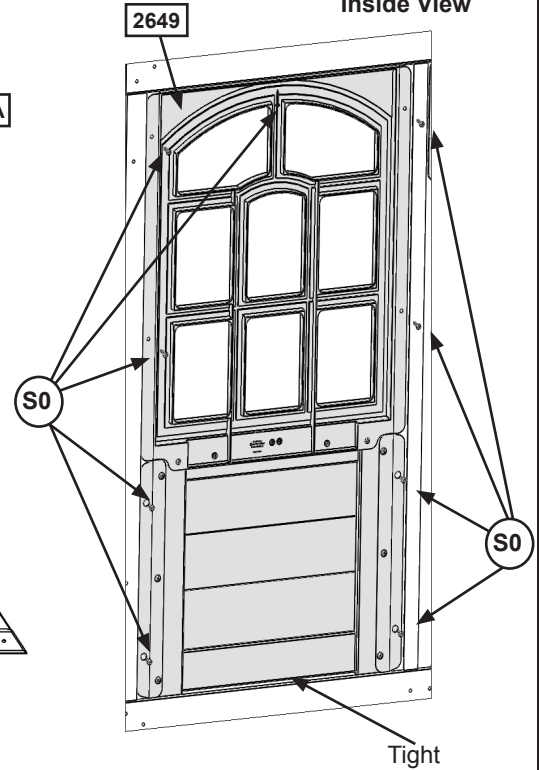


Fig. 20.25
Inside View

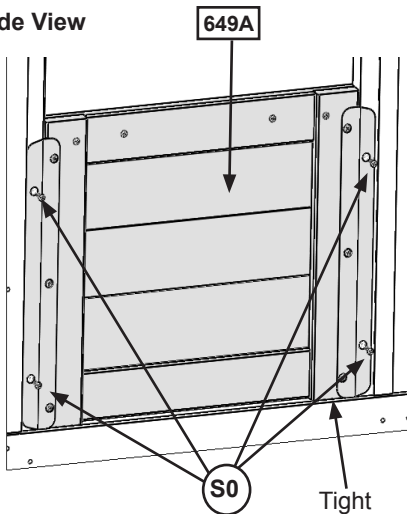
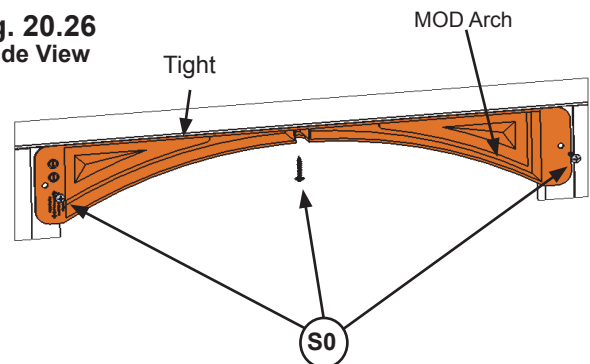


Fig. 20.26
Inside View



Wood Parts

- 2 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"
- 1 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

- 25 x S0 #8 x 7/8" Truss Screw

Other Parts

- 1 x MOD Arch

Step 20: Install Window and Wall Inserts

Part 7 - Small Fort Back Wall

L: In the upper right hand opening and lower left hand opening of the Small Fort Back Wall install 2 (649A) Short Half Walls using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 20.27, 20.28 and 20.29)

20.27

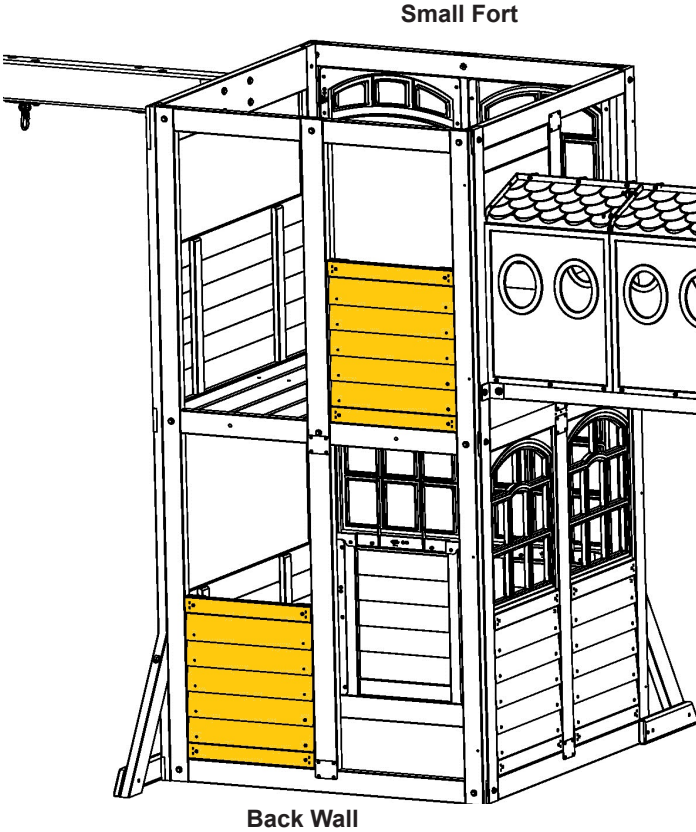


Fig. 20.28
Outside View

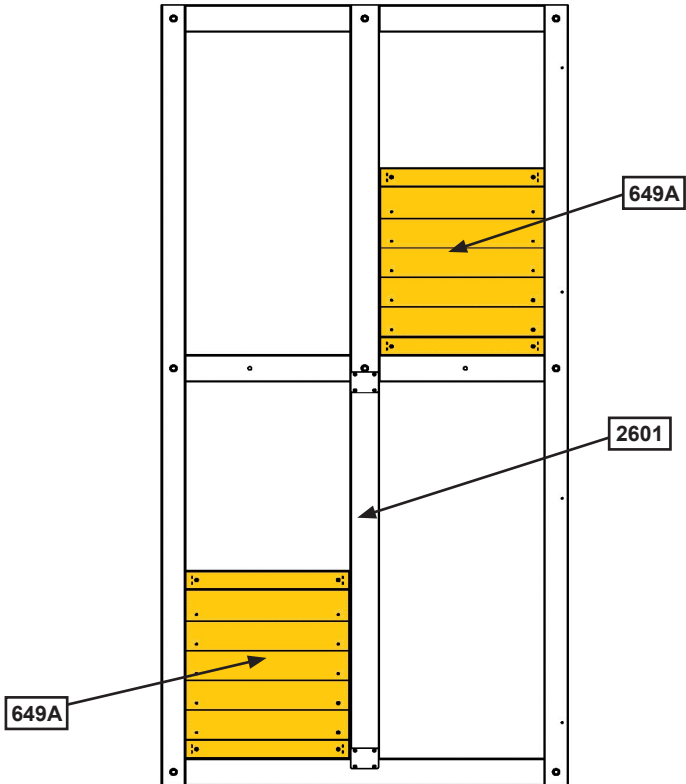
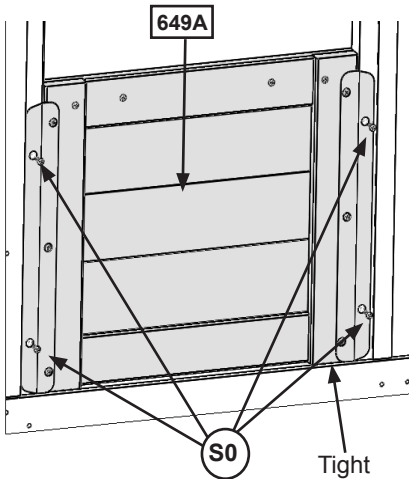


Fig. 20.29
Inside View



Wood Parts

2 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

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

Step 21: Clock Assembly



A: From the back of the Base Clock insert the Clock Adapter then from the front of the Base Clock place the Hour Hand over the Clock Adapter making sure they line up properly. Press the Minute Hand over the Hour Hand and connect with the Clock Screw. (fig. 21.1)

B: On the Large Fort on the Front of the Assembly place Clock Assembly centred on (649A) Short Half Wall then with a helper attach through insert and into each (2717) Clock Block with 4 (S20) #8 x 1-3/8" Wood Screws, 2 per block. (fig. 21.2, 21.3 and 21.4)

Do not over tighten screws.

Fig. 21.1
Side View

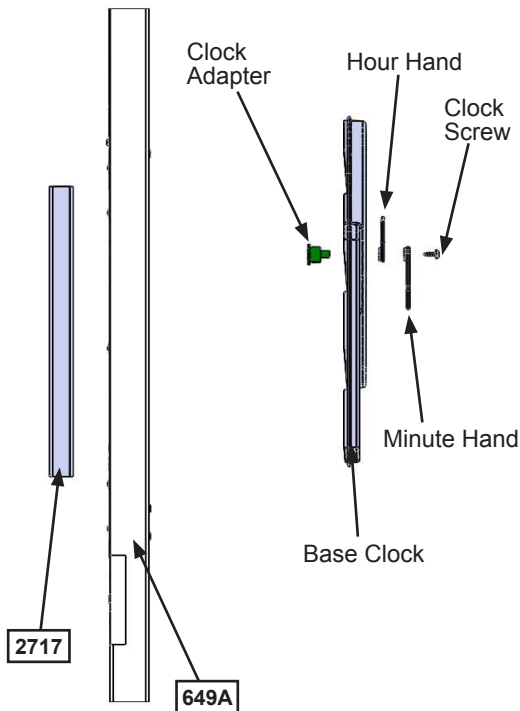


Fig. 21.3
Outside View

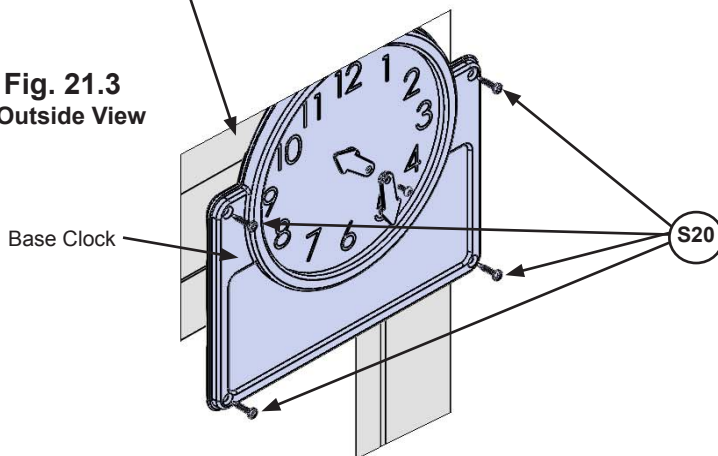


Fig. 21.2

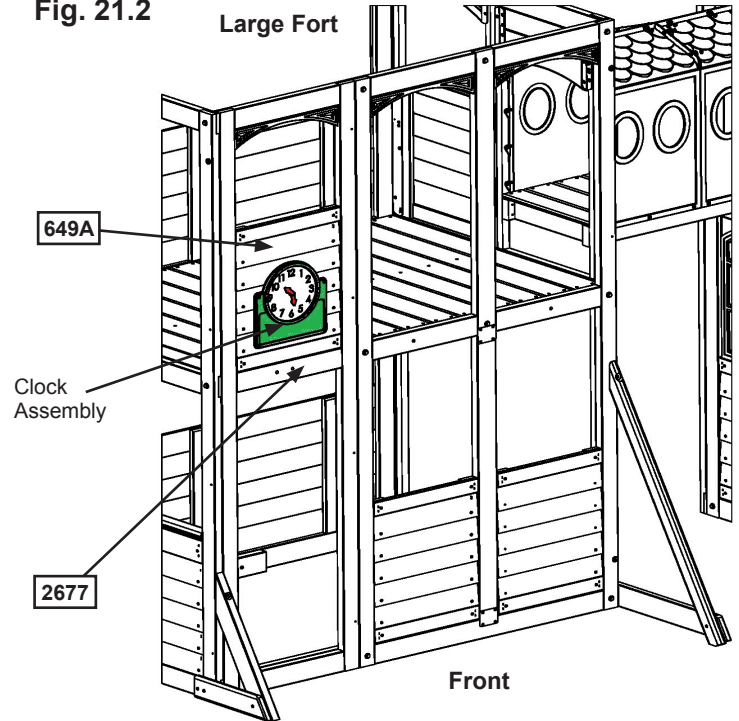
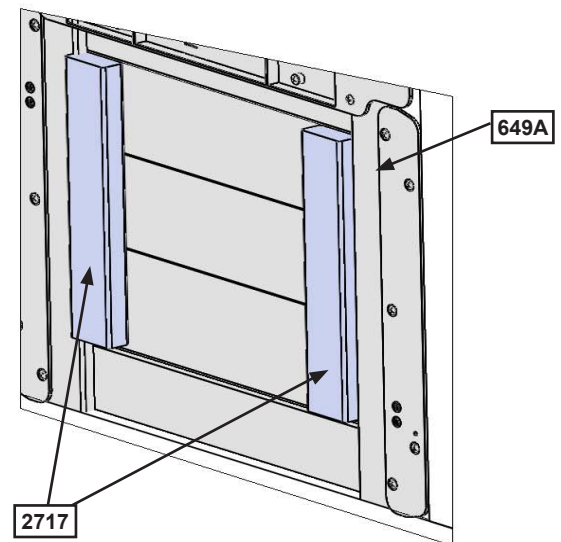


Fig. 21.4
Inside View



Wood Parts

2 x 2717 Clock Block 3/4 x 1-3/4 x 9-3/4"

Hardware

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

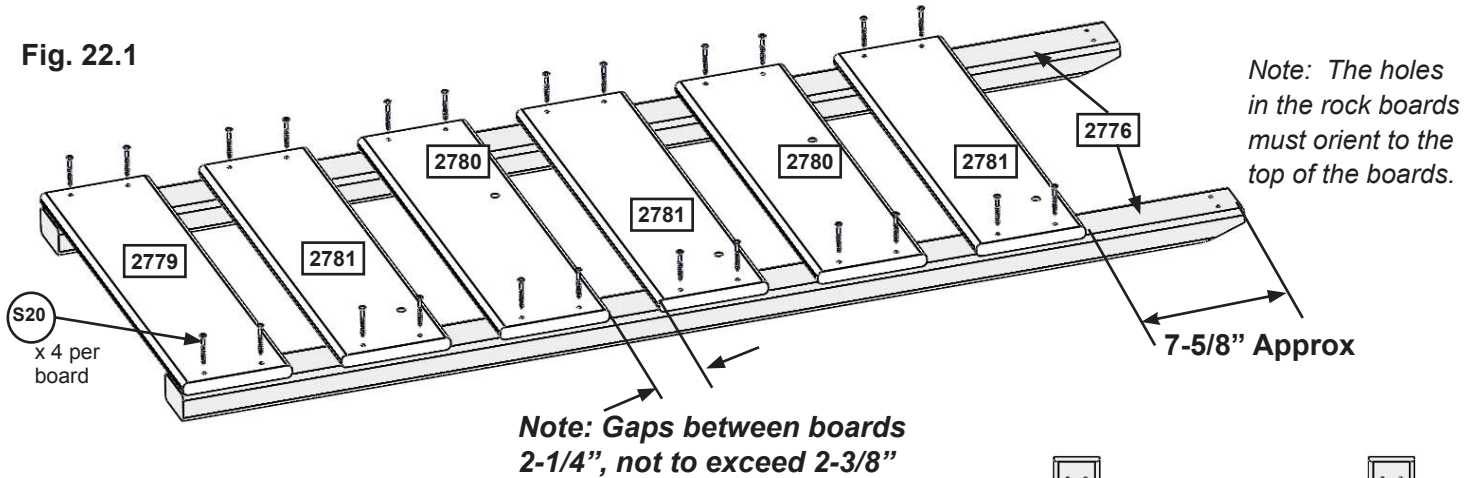
Other Parts

1 x Base Clock
1 x Clock Adapter
1 x Hour Hand
1 x Minute Hand
1 x Clock Screw

Step 22: Rock Wall Assembly



Fig. 22.1



Complete Step 22, A-E twice to make 2 Rock Wall Assemblies.

A: Lay 2 (2776) Rock Rails down, side by side with angled edges facing down. (fig. 22.1)

B: Place (2779) Access Board on the bottom of each (2776) Rock Rail as shown in fig. 22.1. Make sure (2779) Access Board is flush to the outside and bottom edges of each (2776). Attach using 4 (S20) #8 x 1-3/8" Wood Screws.

C: 7-5/8" 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 (S20) #8 x 1-3/8" Wood Screws. (fig. 22.1)

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 (S20) #8 x 1-3/8" Wood Screws per board. Placing them as shown in fig. 22.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 22.2

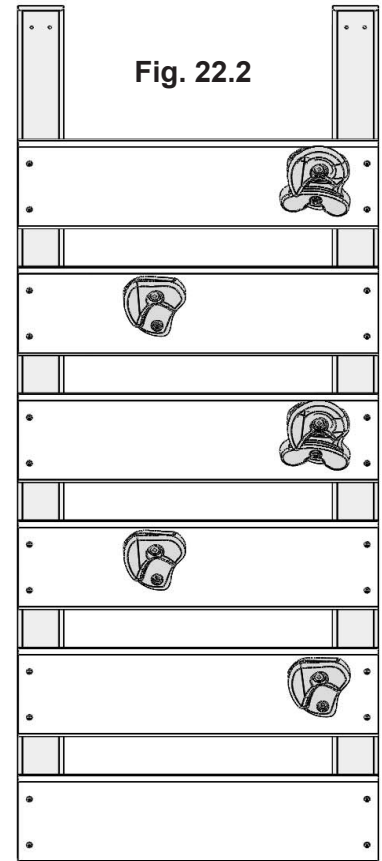
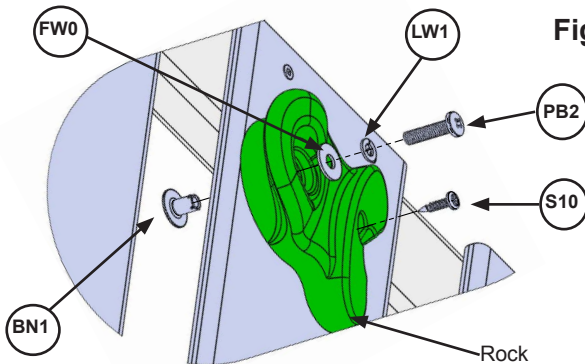


Fig. 22.3



E: Place 1 rock on each (2780) Rk Board A and (2781) Rk Board B (fig. 22.2) and attach using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 22.3)

Wood Parts

- 2 x 2779 Access Board 1 x 6 x 19"
- 6 x 2781 Rk Board B 1 x 6 x 19"
- 4 x 2780 Rk Board A 1 x 6 x 19"
- 4 x 2776 Rock Rail 1-1/4 x 2-1/2 x 51"

Hardware

- 48 x S20 #8 x 1-3/8" Wood Screw
- 10 x S10 #8 x 1" Pan Screw
- 10 x PB2 1/4 x 1-1/4" Pan Bolt (1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)

Other Parts

- 10 x Rocks (6 green/4 yellow)

Step 23: Attach Rock Wall Assemblies to Fort

Part 1

A: On the Front Wall of the Large Fort place one Rock Wall Assembly centred in the opening next to (2677) Narrow Panel flush as shown below. Attach (2776) Rock Rails using 2 (S11) #8 x 2" Wood Screws per rail. (fig. 23.1, 23.2 and 23.3)

B: Attach 1 (2779) Access Board to top of each Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 23.1 and 23.4)

Note: Make sure (2776) Rock Rails do not cover the bolt heads, move assembly over so it is tight to the bolt head. (fig. 23.3)

Fig. 23.1

Large Fort

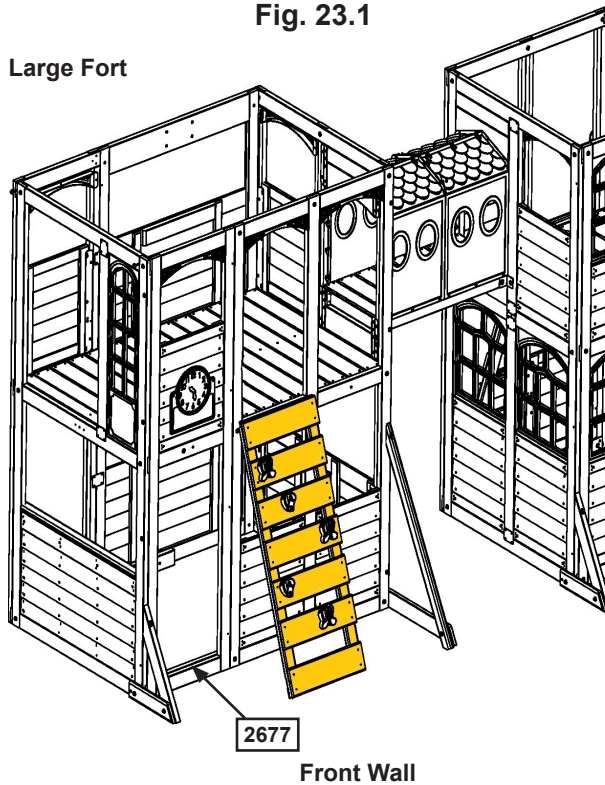


Fig. 23.2

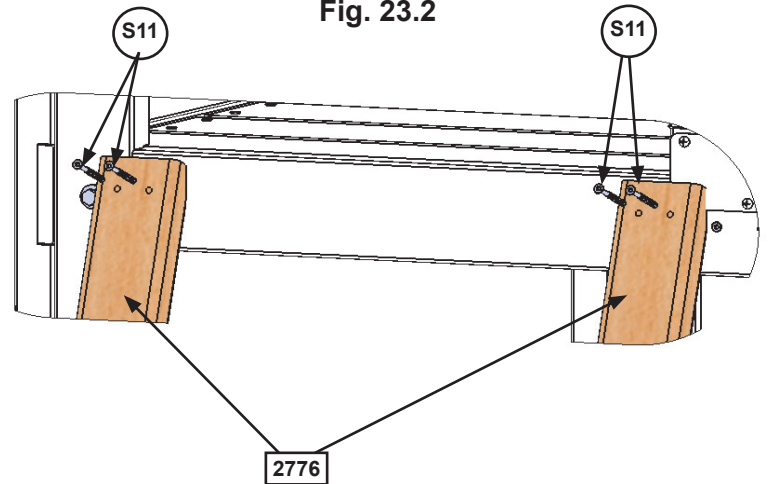


Fig. 23.4

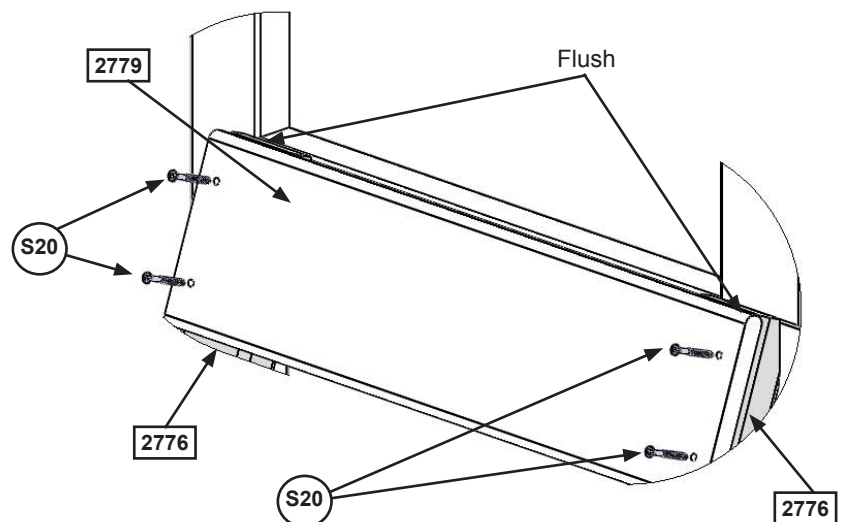
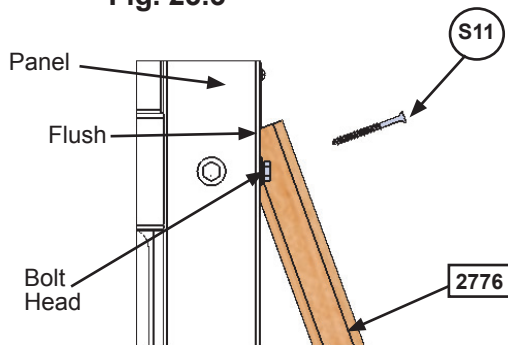


Fig. 23.3



Wood Parts

1 x (2779) Access Board 1 x 6 x 19"

Hardware

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

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

Step 23: Attach Rock Wall Assemblies to Fort

Part 2

C: On the Back Wall of the Small Fort place one Rock Wall Assembly centred in the opening next to the Swing Wall, flush as shown below. Attach (2776) Rock Rails using 2 (S11) #8 x 2" Wood Screws per rail. (fig. 23.5, 23.6 and 23.7)

D: Attach 1 (2779) Access Board to top of each Rock Wall Assembly, flush to top of (2776) Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 23.5 and 23.8)

Note: Make sure (2776) Rock Rails do not cover the bolt heads, move assembly over so it is tight to the bolt head. (fig. 23.7)

Fig. 23.5

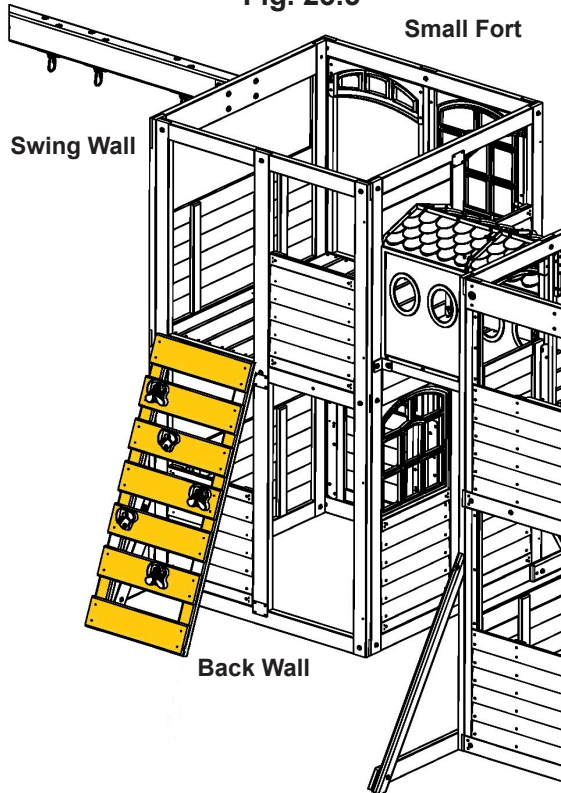


Fig. 23.6

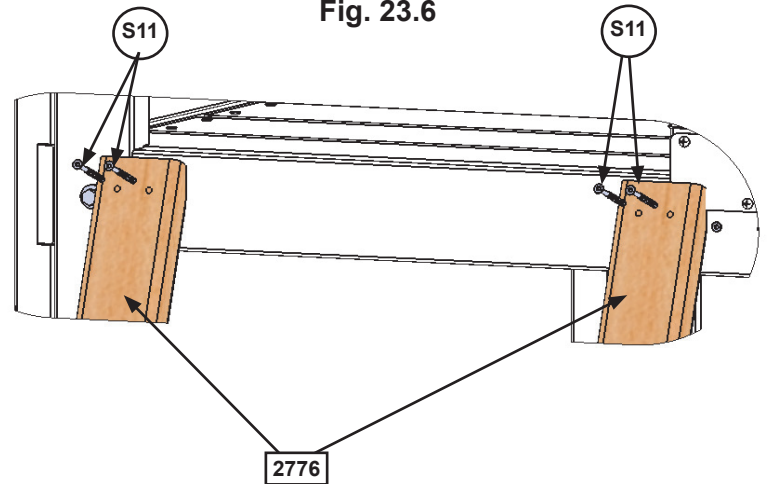


Fig. 23.8

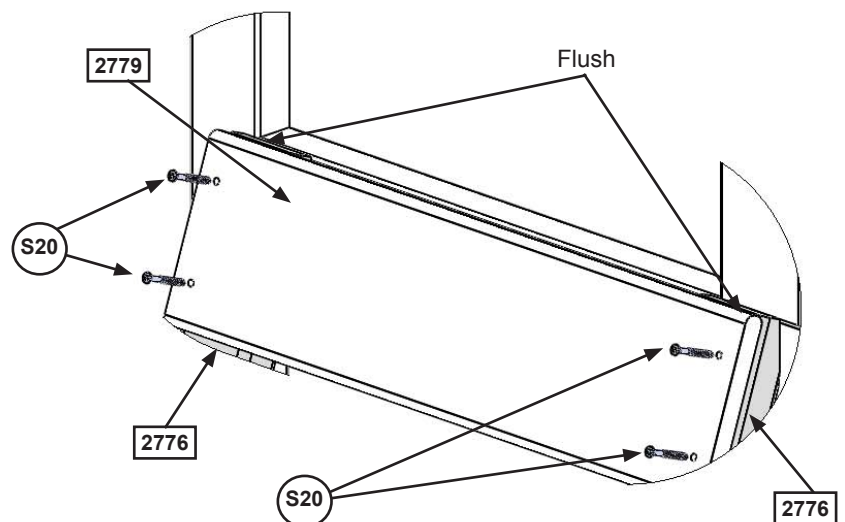
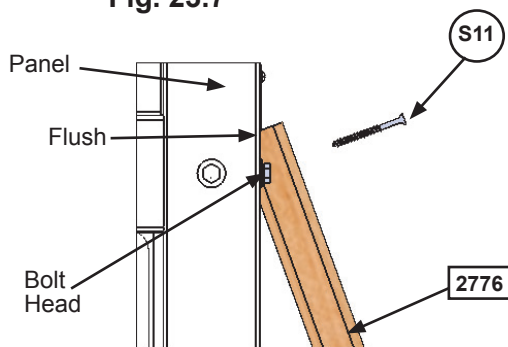


Fig. 23.7



Wood Parts

1 x (2779) Access Board 1 x 6 x 19"

Hardware

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

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

Step 23: Attach Rock Wall Assembly to Fort

Part 3

E: Drive 1 Rebar Ground Stake 13" into the ground against 1 (2776) Rock Rail per assembly then attach with 1 (S7) #12 x 2" Pan Screw per ground stake. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 23.9, 23.10 and 23.11)

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

Fig. 23.9

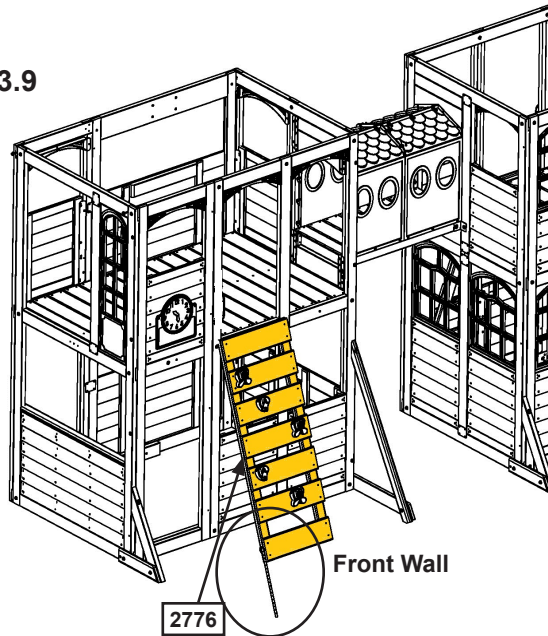


Fig. 23.10

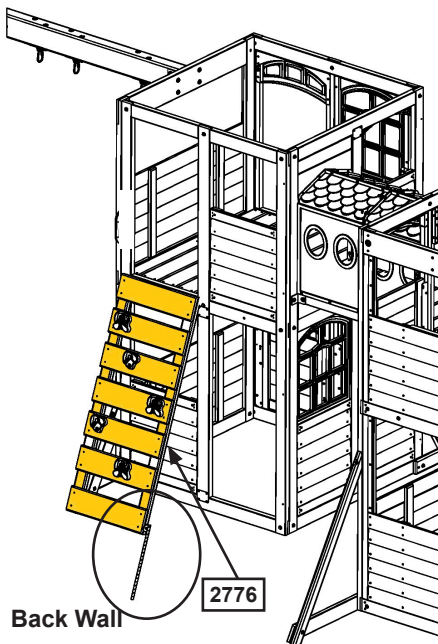
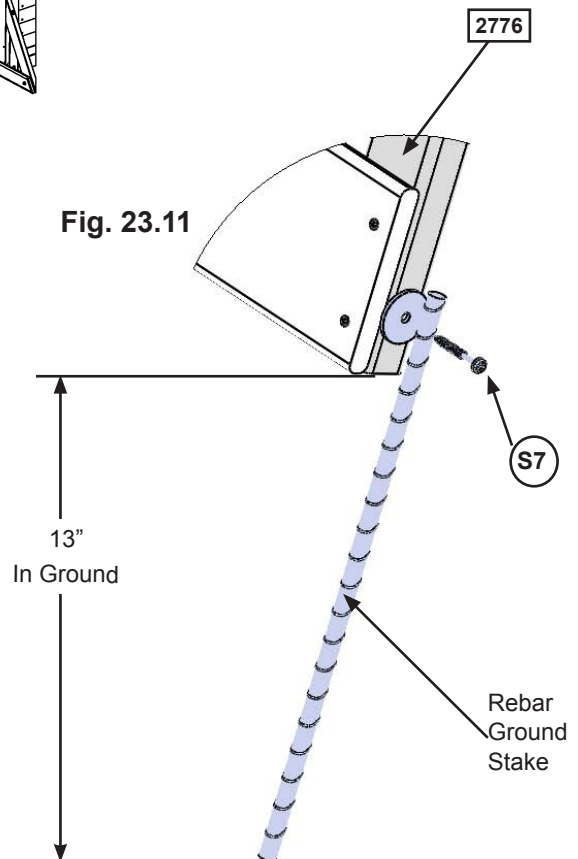


Fig. 23.11



Hardware

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

Other Parts

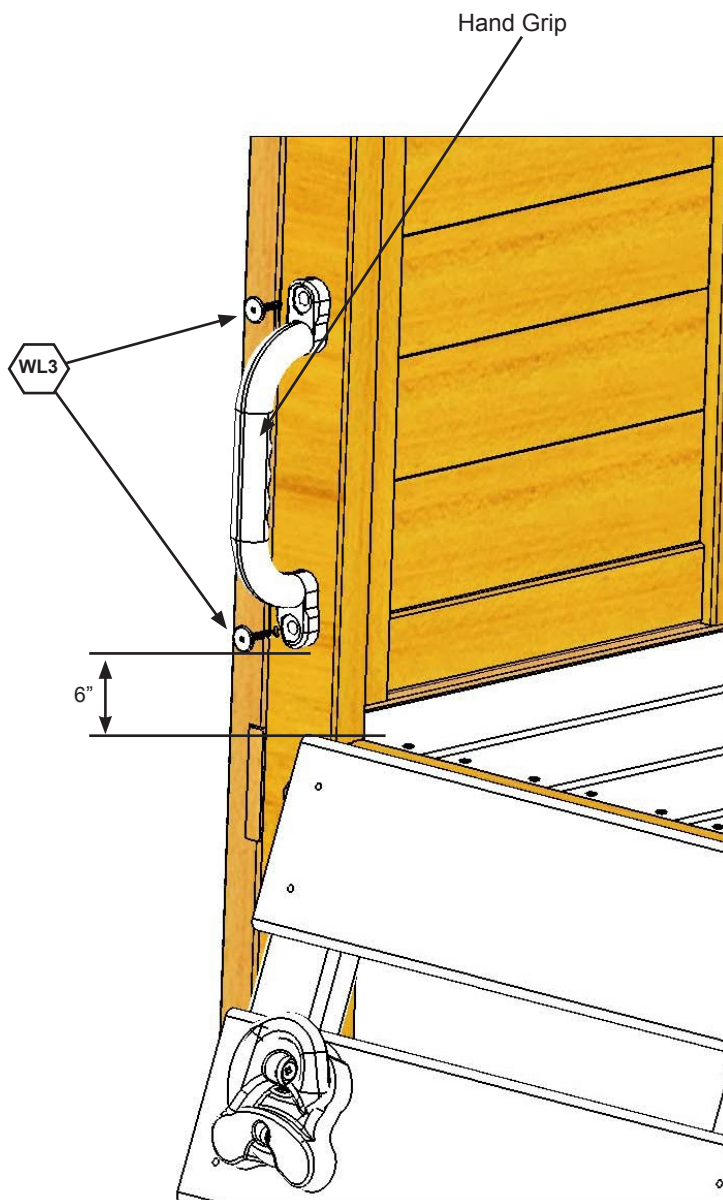
2 x Rebar Ground Stake

Step 24: Attach Hand Grip to Fort




A: Measure 6" from the top of the floor boards on the left hand side of each Rock Board, pre-drill with a 1/8" drill bit then attach 1 Hand Grip per wall with 2 (WL3) 1/4 x 1-3/8" Wafer Lags per Hand Grip. (fig. 24.1)

Fig. 24.1



Hardware

4 x  1/4 x 1-3/8" Wafer Lag

Other Parts

2 x Hand Grip

Step 25: Attach Wall Tops

A: From inside the Large Fort place 1 (2804) Wall Top tight to the posts and top of (2665) Half Wall Insert on End Wall then attach to the posts with 2 (S11) #8 x 2" Wood Screws. (Fig. 25.1, 25.2 and 25.3)

B: Attach (2804) Wall Tops to (2665) Half Wall Insert with 2 Corner Brackets using 3 (S13) #6 x 5/8" Pan Screws per bracket. Corner Brackets are attached to the inside slats of the panels. (fig. 25.4)

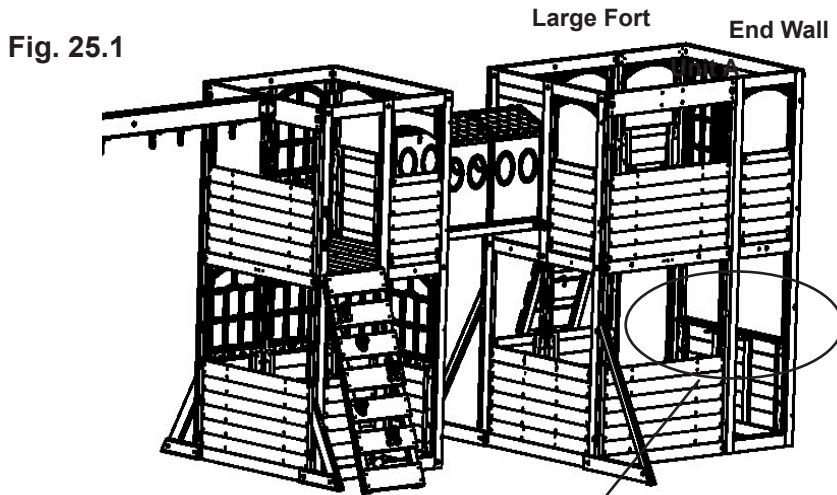


Fig. 25.2
Inside View

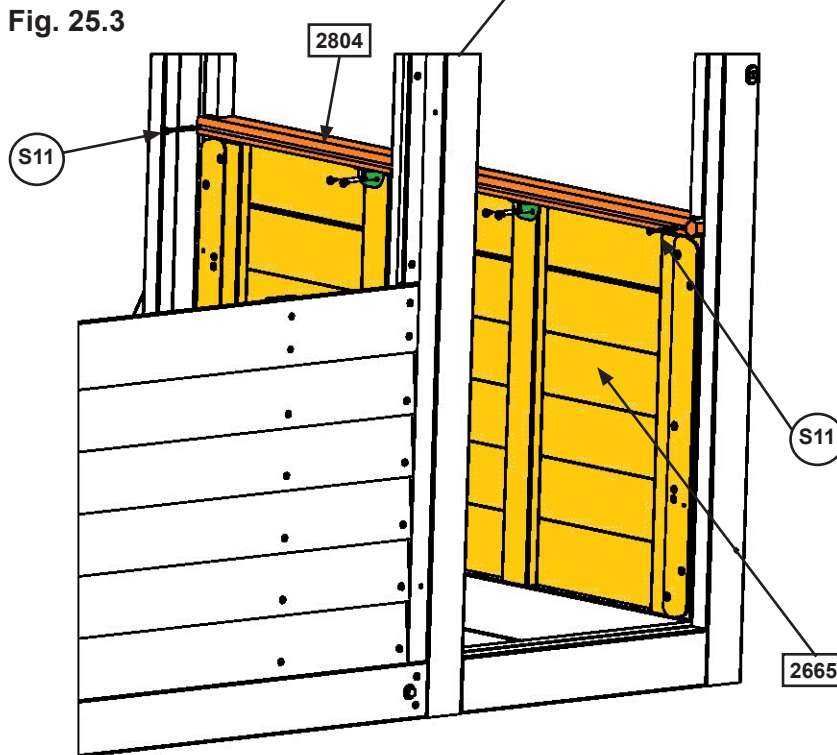
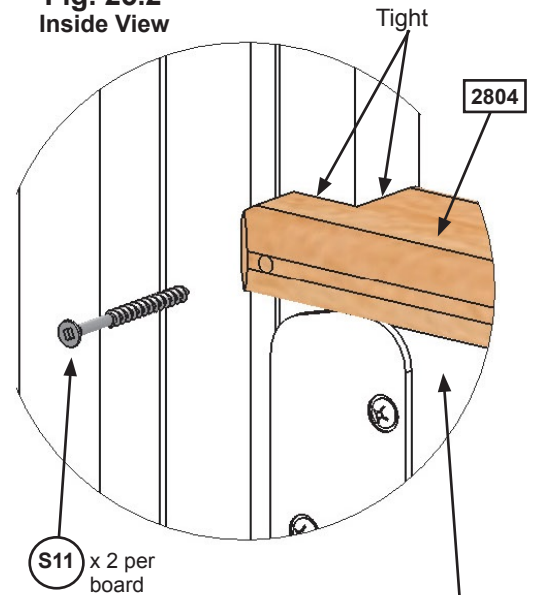
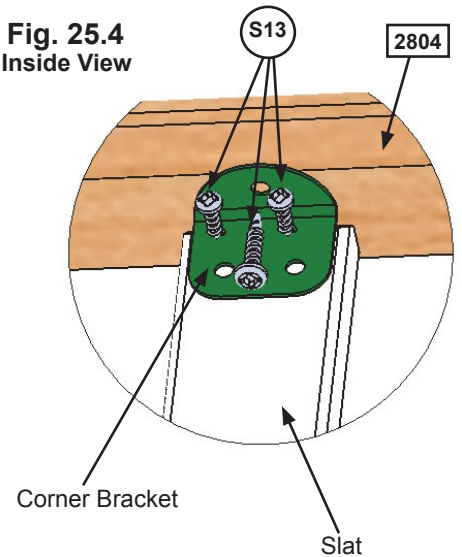


Fig. 25.4
Inside View



Wood Parts

1 x (2804) Wall Top 5/4 x 3 x 39"

Hardware

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

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

Other Parts

1 x Corner Bracket Set (pkg of 2)

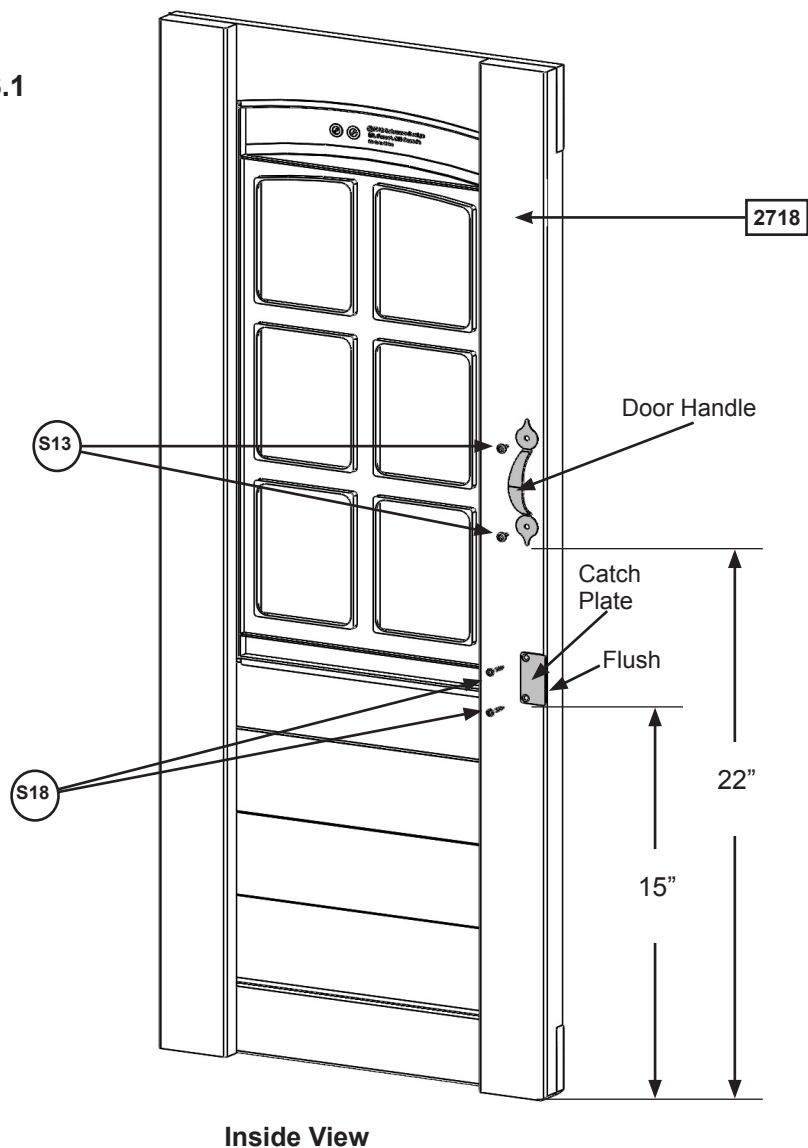
Step 26: Attach Door Components

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) #6 x 1" Wood Screws. (fig. 26.1)
- B:** On the inside of (2718) Door Window Panel measure 22" up from the bottom and attach 1 Door Handle using 2 (S13) #6 x 5/8" Pan Screws. (fig. 26.1)

Fig. 26.1



Wood Parts

1 x 2718 Door Window Panel 1-1/4 x 15-3/4 x 40-3/4"

Hardware

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

Other Parts

1 x Door Handle
1 x Catch Plate

Step 26: 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) #6 x 5/8" Pan Screws. (fig. 26.2)

D: On the opposite side of the Door Handle measure 5/8" from the top and bottom of (2718) Door Window Panel attach 2 Door Hinges on the outside using 3 (S13) #6 x 5/8" Pan Screws per Hinge. (fig. 26.2 and 26.4)

Note: Hinge stops must be tight to (2718) Door Window Panel. (fig. 26.3)

Fig. 26.2

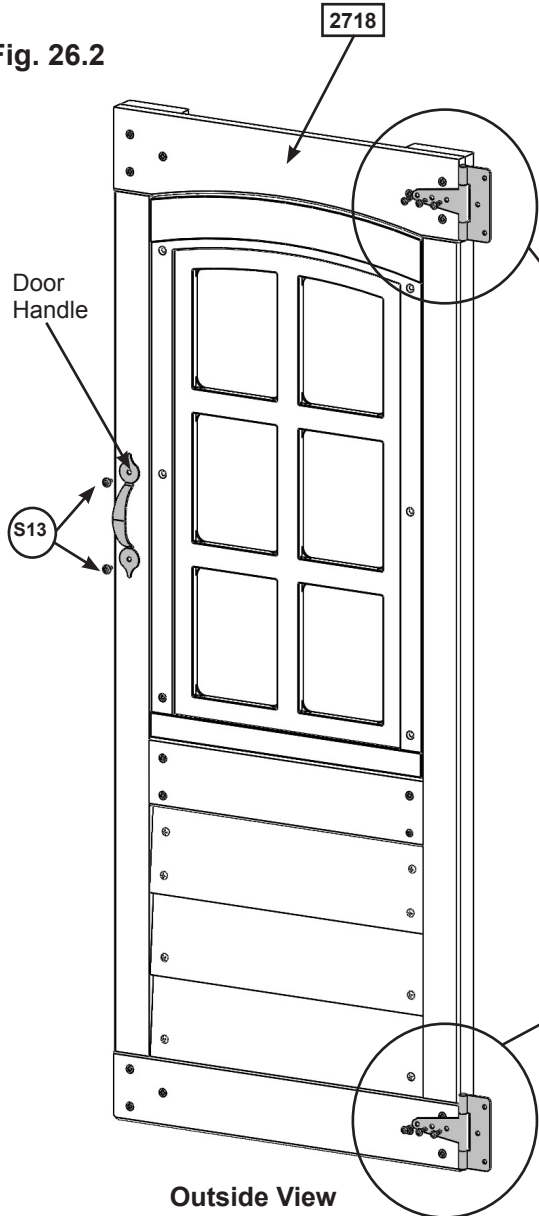


Fig. 26.3

Top View

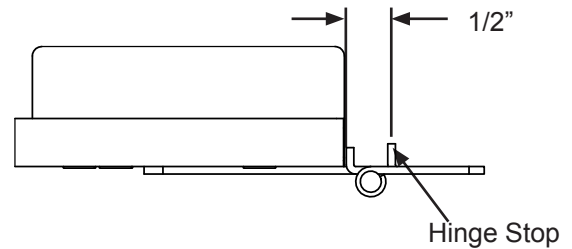
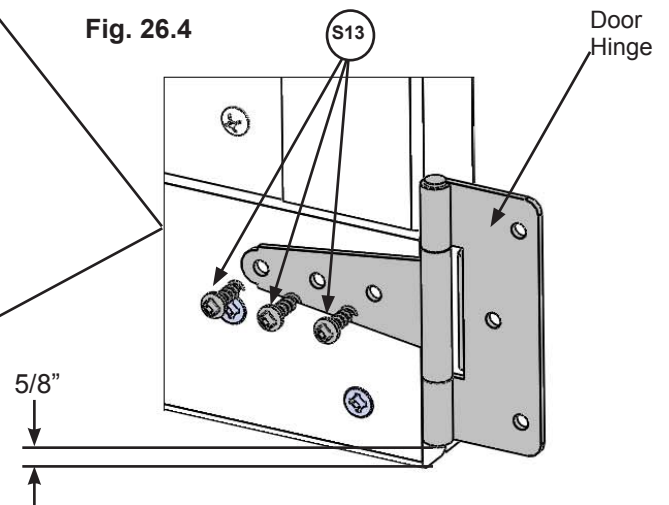


Fig. 26.4



Hardware

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

Other Parts

1 x Door Handle
2 x Door Hinge

Step 27: Attach Door Assembly to Fort



A: On the Front of the Large Fort measure 5/8" up from the top of the bottom opening of (2677) Narrow Panel and a maximum 5/8" from the inside edge the panel then attach the remaining side of the hinges to (2677) Narrow Panel using 3 (S13) #6 x 5/8" Pan Screws per hinge. (fig. 27.1, 27.2 and 27.3)

Fig. 27.1

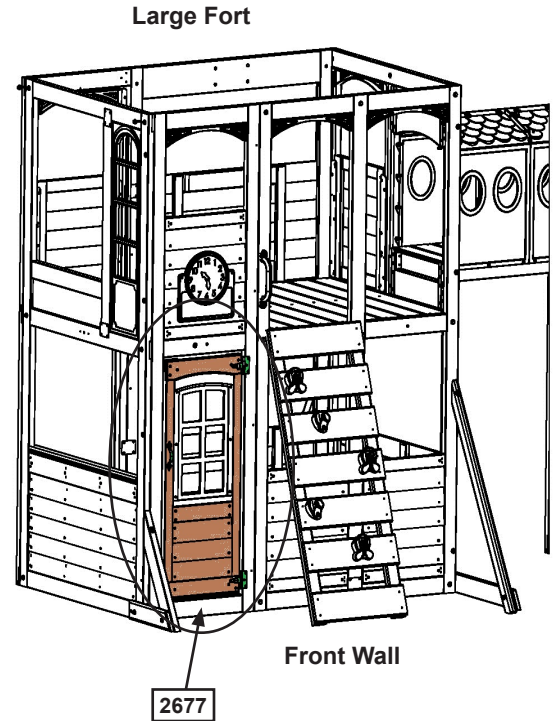


Fig. 27.2
Outside View

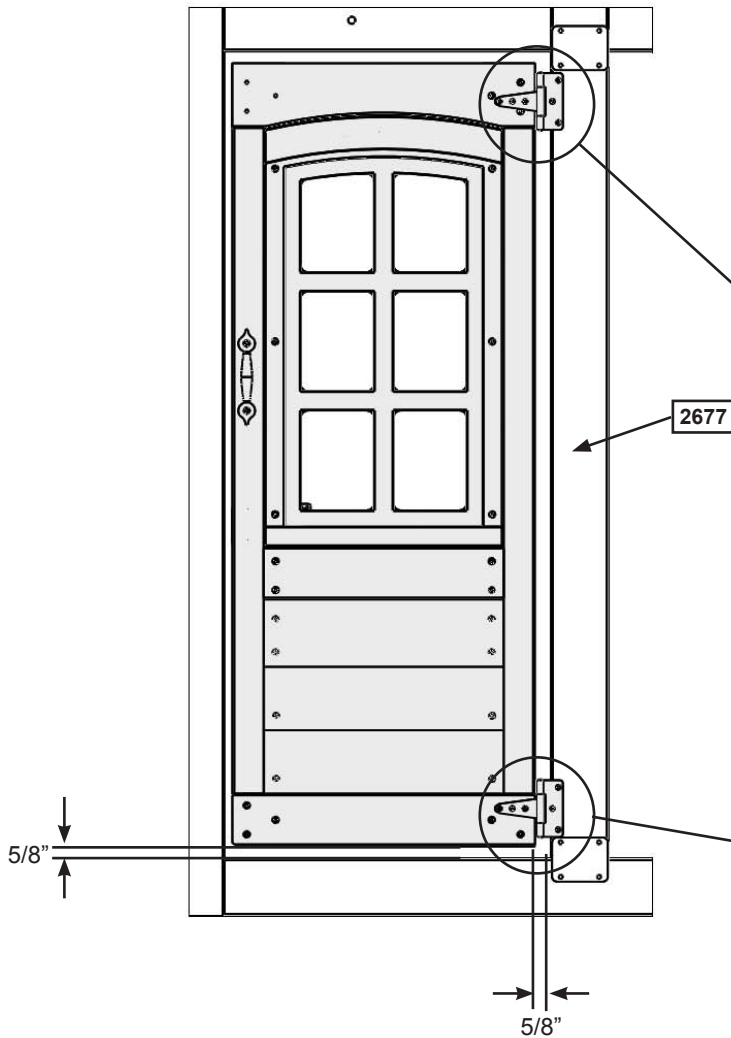
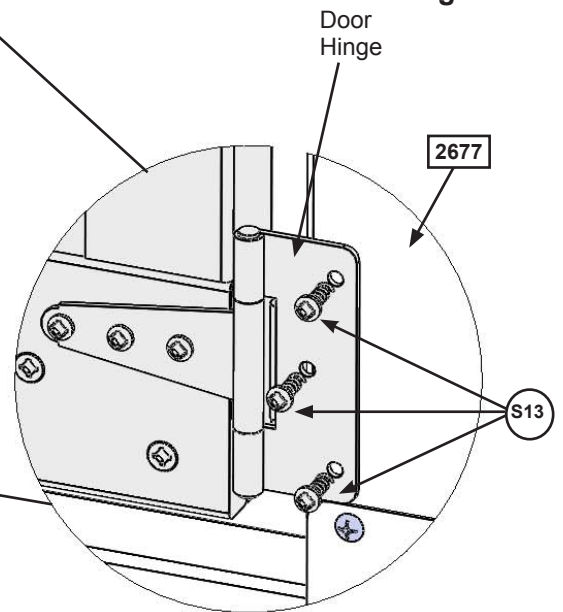


Fig. 27.3



Hardware

6 x  #6 x 5/8" Pan Screw

Step 28: Attach Door Stop



A: In the notched out opening of (2715) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 28.1) **Important:** Use a hand held screw driver and **DO NOT** over tighten.

B: On the inside of the assembly, attach (2715) Door Stop to (2677) Narrow Panel with 3 (S11) #8 x 2" Wood Screws, making sure (2715) Door Stop has an overhang of 1-1/4" and is in position to receive the Catch Plate. (fig. 28.2 and 28.3)

Fig. 28.2
Inside View

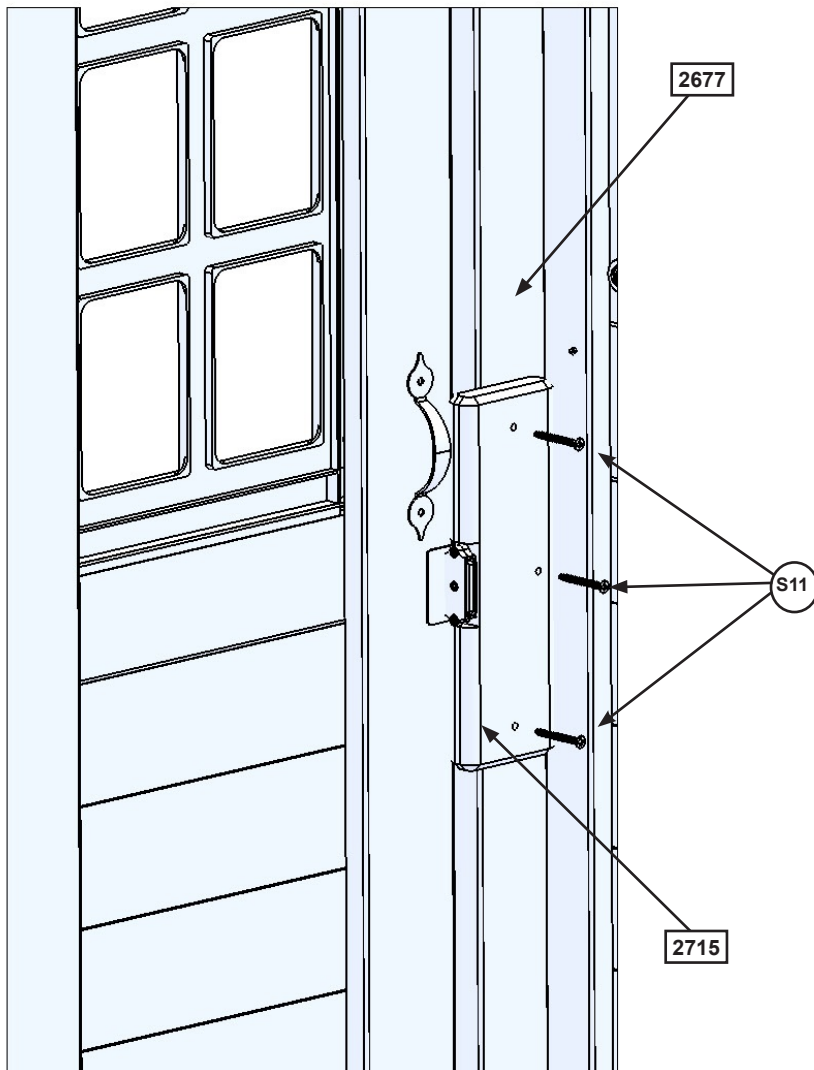


Fig. 28.1

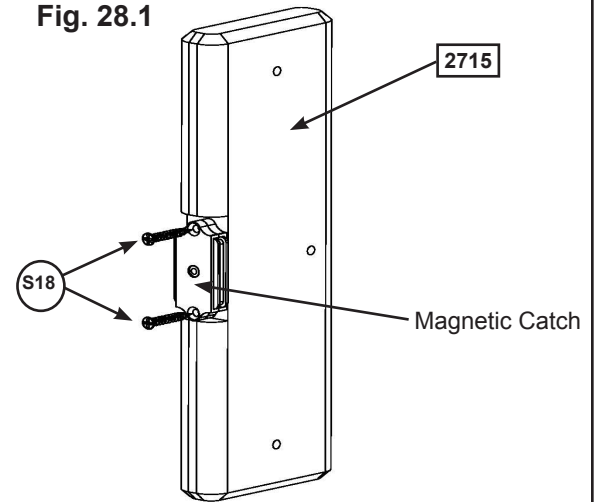
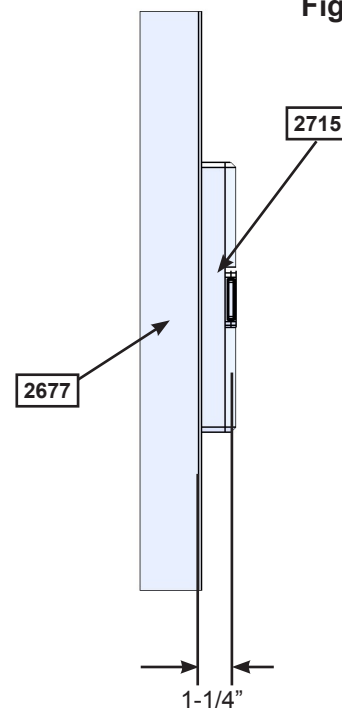


Fig. 28.3



Wood Parts

1 x (2715) Door Stop 5/4 x 3 x 10"

Hardware

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

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

Other Parts

1 x Magnetic Catch

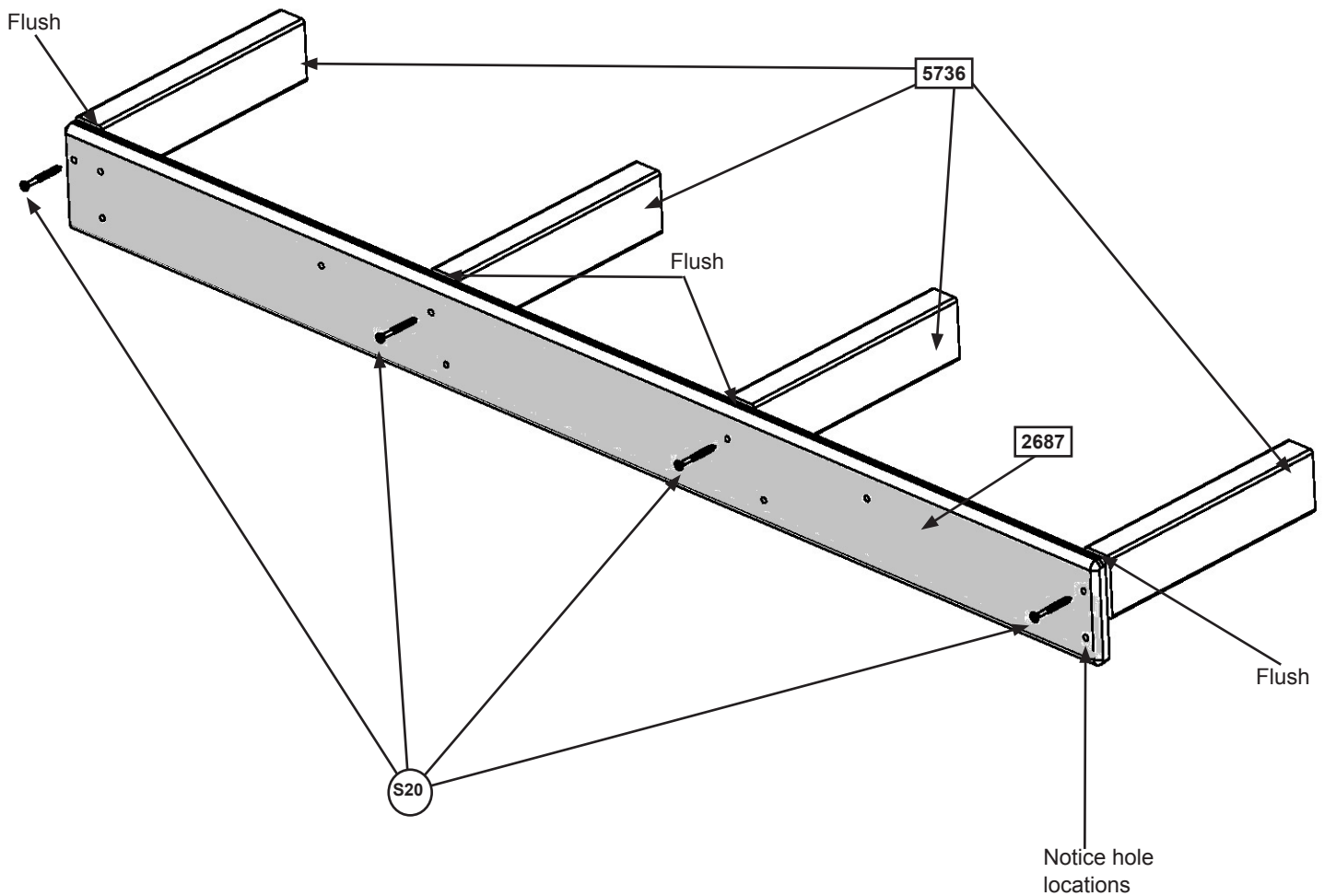
Step 29: Counter Assembly Part 1

A: Flush to each end and to the top of (2687) Counter Back attach 1 (5736) Counter Joist per end with 1 (S20) #8 x 1-3/8" Wood Screw per joist. Notice the remaining holes at the bottom of (2687) Counter Back. (fig. 29.1)

B: Place the remaining 2 (5736) 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) #8 x 1-3/8" Wood Screw per joist. (fig. 29.1)

Repeat Steps A & B to create a second Counter Assembly.

Fig. 29.1



Wood Parts

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

8 x 5736 Counter Joist 1 x 2 x 8-1/4"

Hardware

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

Step 29: Counter Assembly

Part 2

C: Place one Counter Assembly on the inside of both Swing Walls so the top of each (2687) Counter Back is flush to the top of each (2756) Siding Assembly then attach with 5 (S20) #8 x 1-3/8" Wood Screws per assembly. (fig. 29.2, 29.3 and 29.4)

Fig. 29.2

Outside View

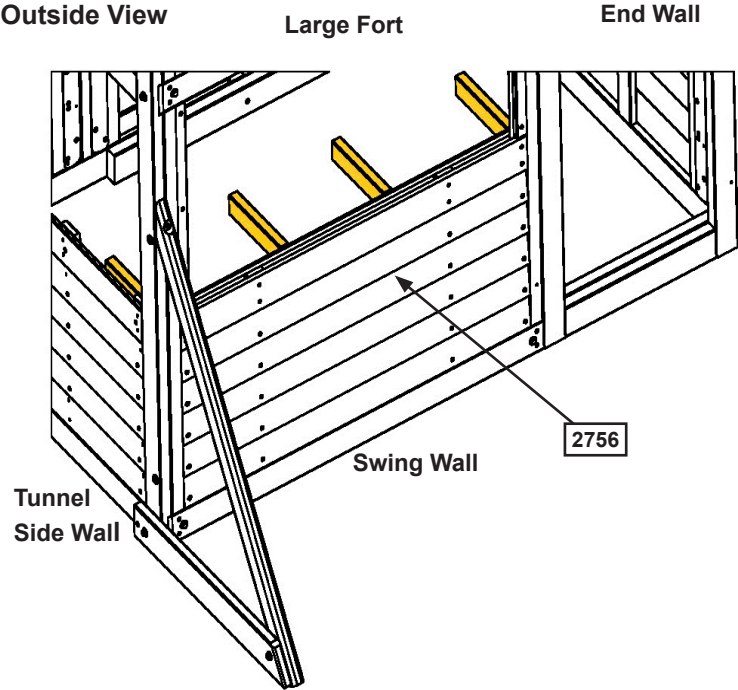


Fig. 29.3

Outside View

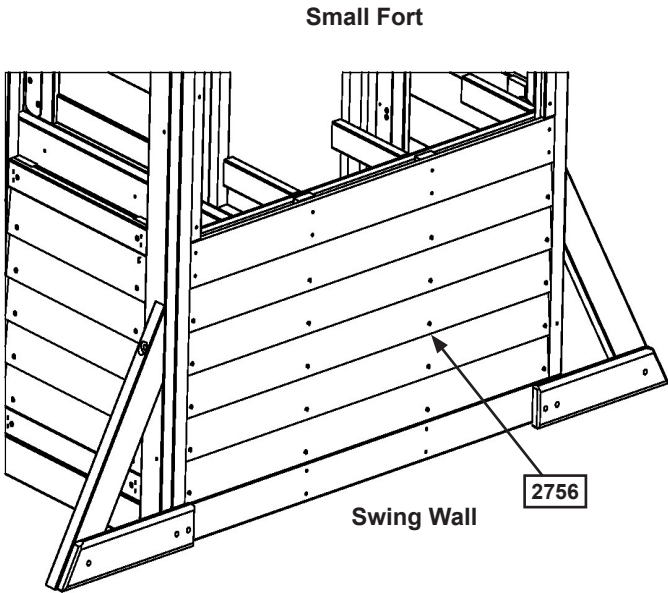
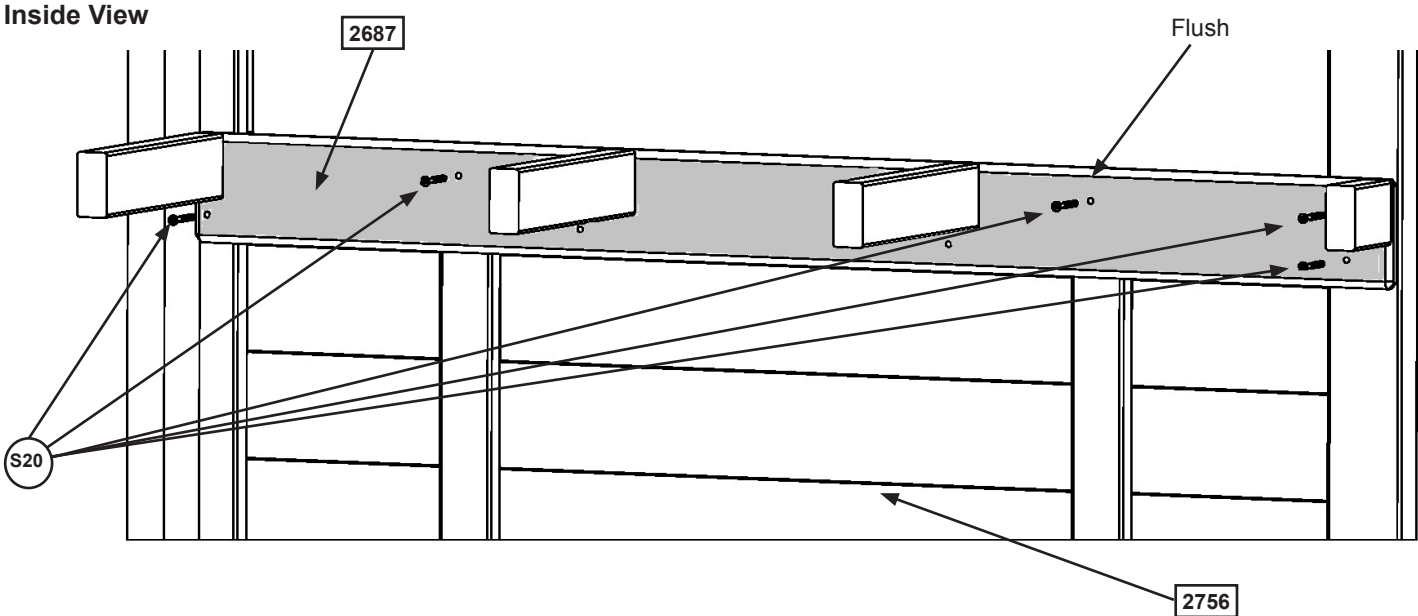


Fig. 29.4

Inside View



Hardware

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

Step 29: Counter Assembly Part 3

D: Place 1 (6136) Counter Brace flush to the front and outside edge of each outer (5736) Counter Joist and tight to each Swing Wall then attach with 2 (S3) #8 x 2-1/2" Wood Screws per brace. (fig. 29.5 and 29.6)

Fig. 29.5

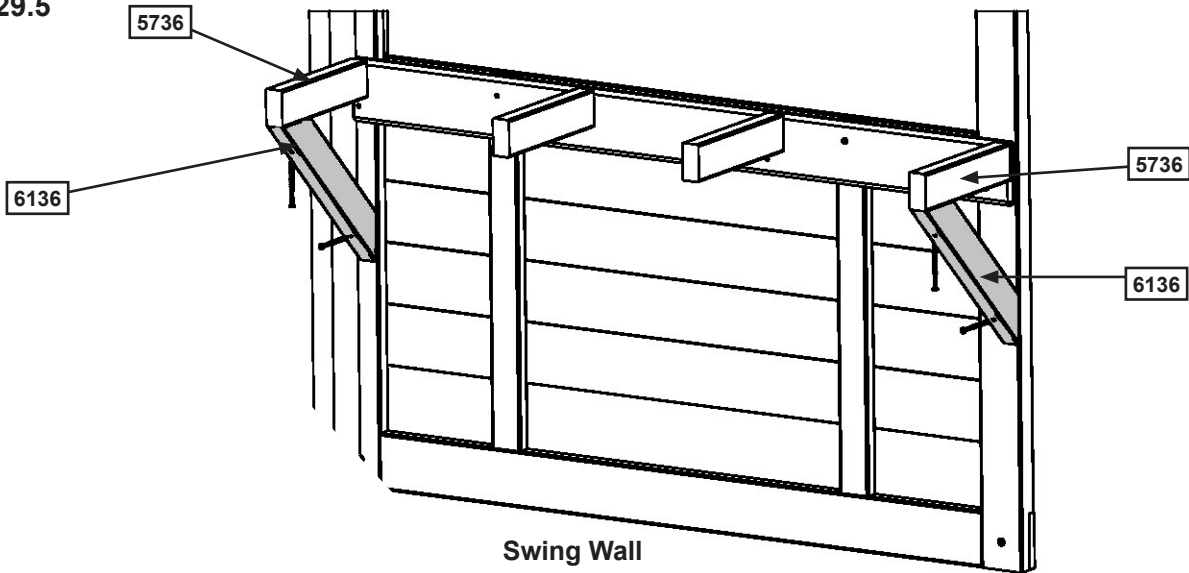
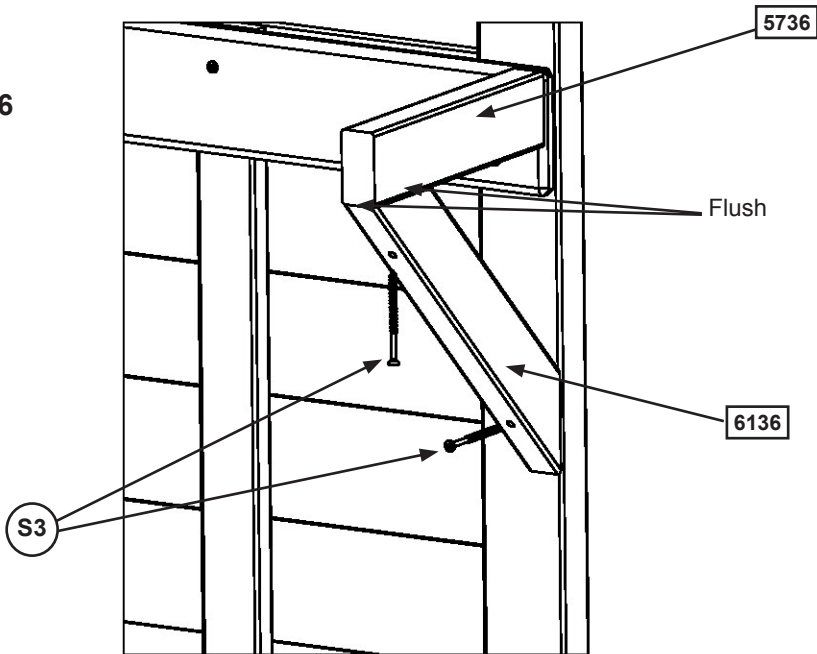


Fig. 29.6



Wood Parts

Hardware

4 x 6136 Counter Brace 1 x 2 x 12-9/16"

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

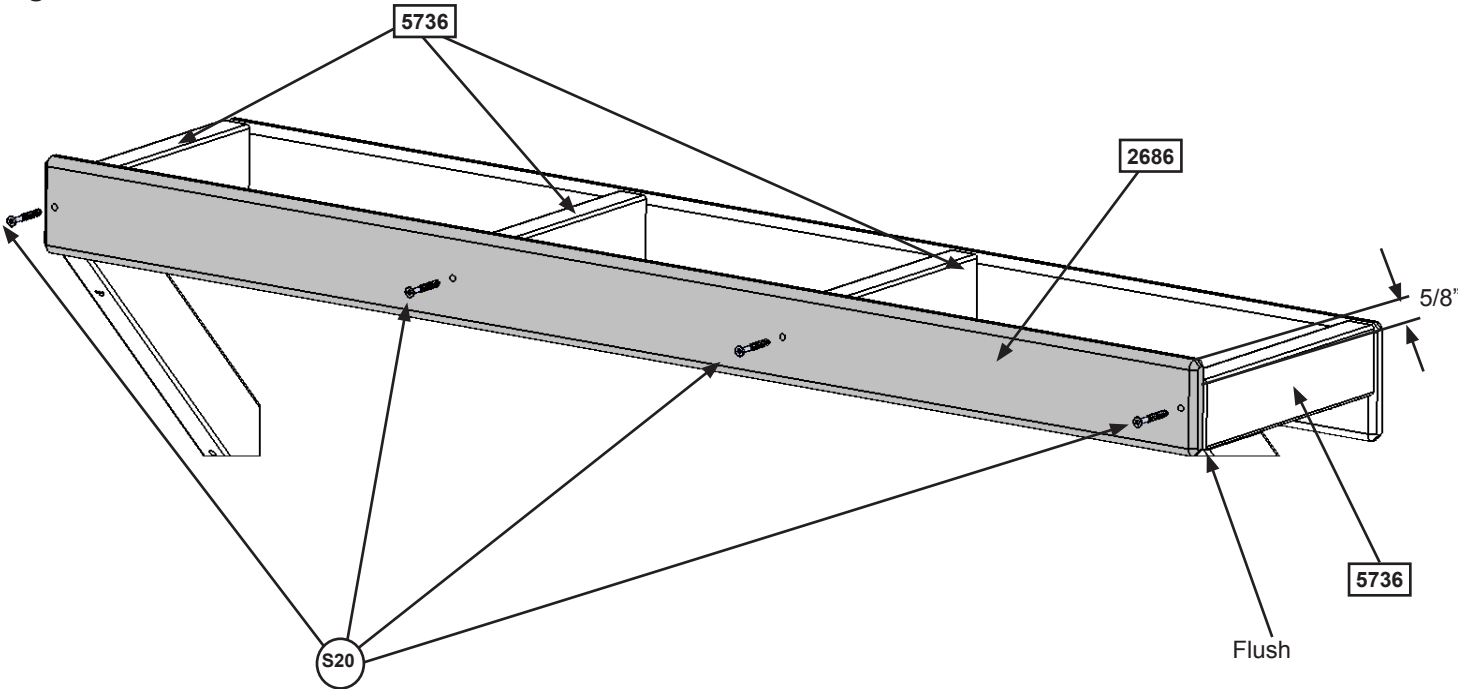
Step 29: Counter Assembly

Part 4



E: Place 1 (2686) Counter Front against (5736) Counter Joists in each assembly so the ends are flush and the centre (5736) Counter Joists are centred over the pilot holes. Measure 5/8" down from the top of each (2686) Counter Front on both ends and attach to the (5736) Counter Joists with 4 (S20) #8 X 1-3/8" Wood Screws per board. (fig. 29.7)

Fig. 29.7



Wood Parts

Hardware

2 x 2686 Counter Front 5/8 x 2-3/4 x 40-5/8"

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

Step 29: Counter Assembly Part 5

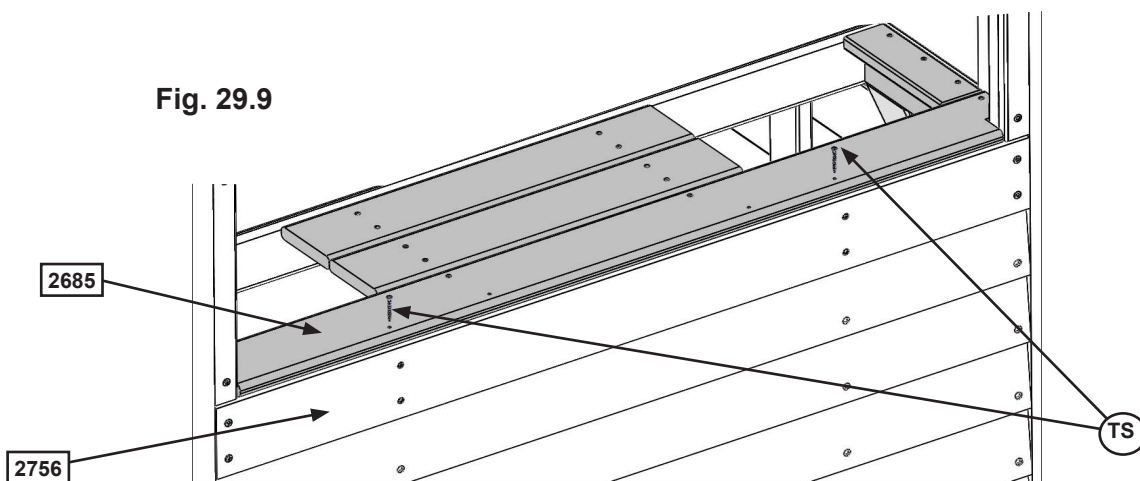
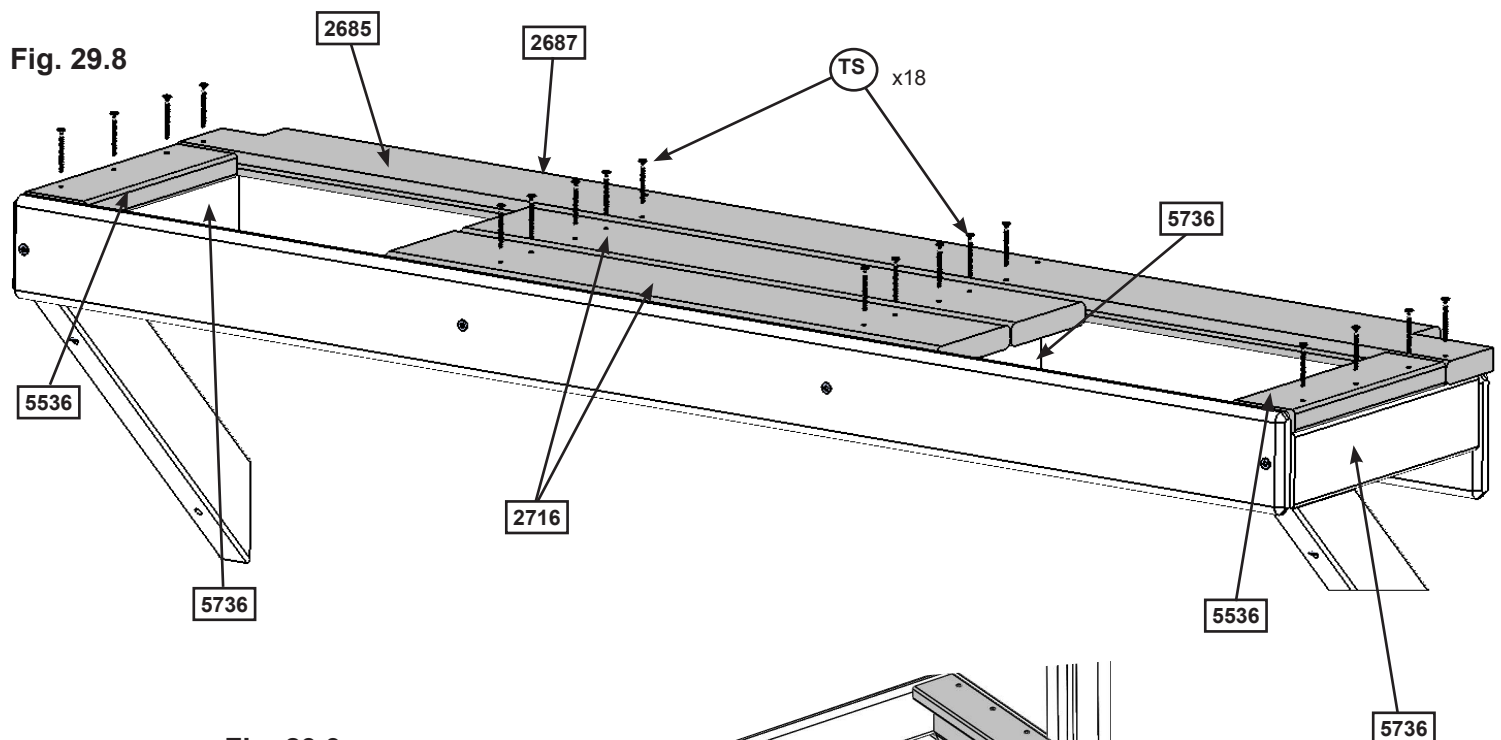
F: Tight to (2687) Counter Back attach (2685) Counter Top to each (5736) Counter Joist with 4 (TS) #6 x 30 mm Trim Screws. (fig. 29.8)

G: Tight to (2685) Counter Top and flush to the outside edges of the outer (5736) Counter Joists attach 1 (5536) Counter Side per joist with 3 (TS) #6 x 30 mm Trim Screws per board. (fig. 29.8)

H: Tight to (2685) Counter Top and centred over the middle 2 (5736) Counter Joists with ends flush to the outside edges attach 2 (2716) Counter Mid Tops with 4 (TS) #6 x 30 mm Trim Screws per board. (fig. 29.8)

I: Attach (2685) Counter Top to (2756) Siding Assembly with 2 (TS) #6 x 30 mm Trim Screws per board. (fig. 29.9)

Repeat Steps A - I for both Counter Assemblies.



Wood Parts

- 4 x **2716** Counter Mid Top 1 x 4 x 17-5/8"
- 2 x **2685** Counter Top 1 x 4 x 40-5/8"
- 4 x **5536** Counter Side 5/8 x 2 x 6-3/4"

Hardware

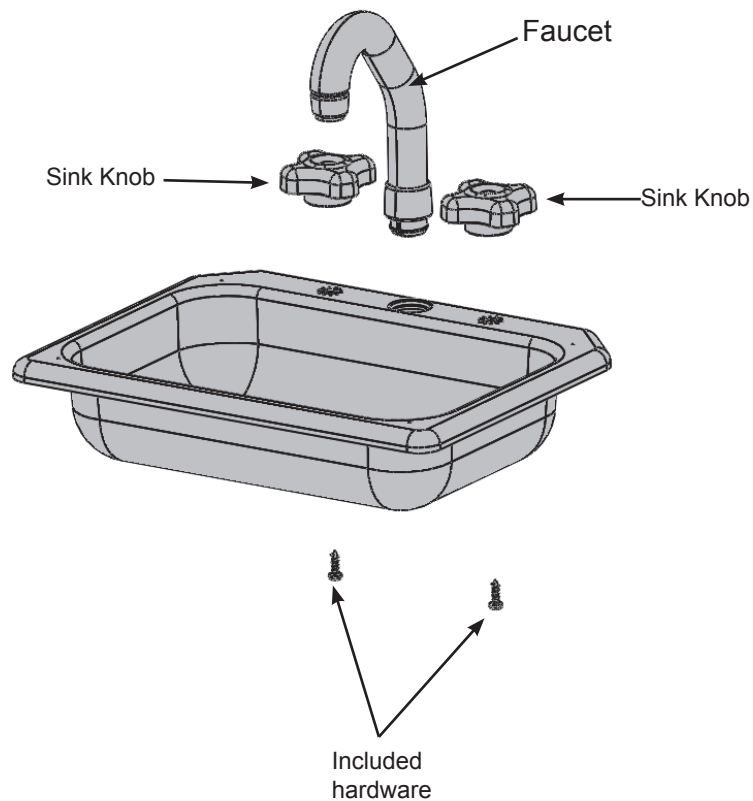
- 40 x **TS** #6 x 30 mm Trim Screw

Step 29: Counter Assembly Part 6

J: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. Repeat to create 2 sinks. (fig. 29.10)

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

Fig. 29.10



Other Parts

2 x Sink
4 x Sink Knobs
2 x Faucet

Step 29: Counter Assembly Part 7

K: Place 1 Sink and 1 Stove in the openings of the each Counter Assembly then attach 4 Mount Clips per assembly with included hardware to the bottom of the Sink and Stove to secure in place. (fig. 29.11 and 29.12)

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. 29.11

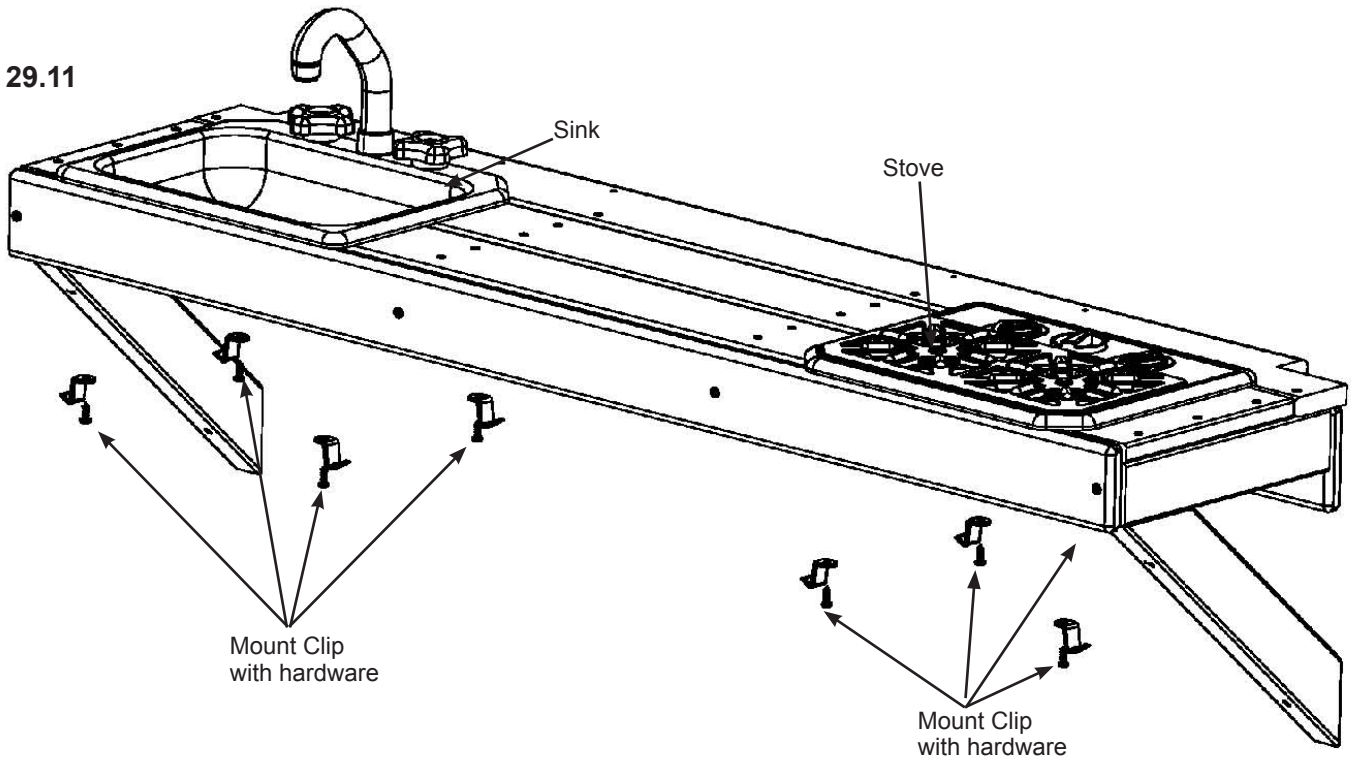
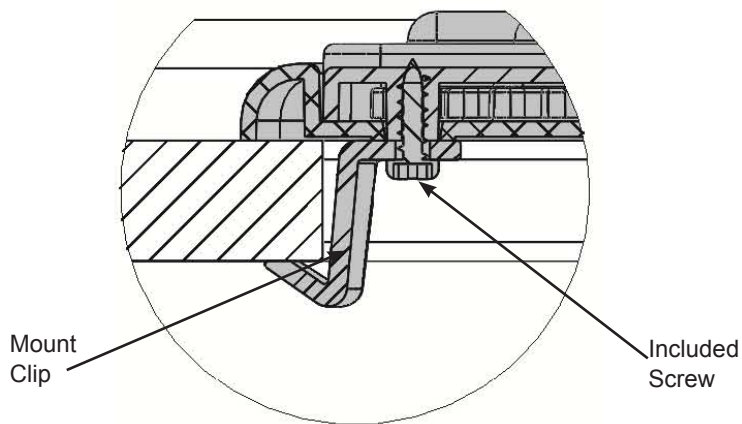


Fig. 29.12



Other Parts

2 x Stove
16 x Mount Clip

Step 30: Attach Utensil Shelf

A: From inside the assembly, centred in the top of (2768) Panel Floor above each counter attach 1 Utensil Shelf with 2 (S13) #6 x 5/8" Pan Screws per shelf as shown in fig. 30.1, 30.2 and 30.3.

B: Attach Pots, Pans and Spatulas to the Utensil Shelves. (fig. 30.3 and 30.4)

Fig. 30.1

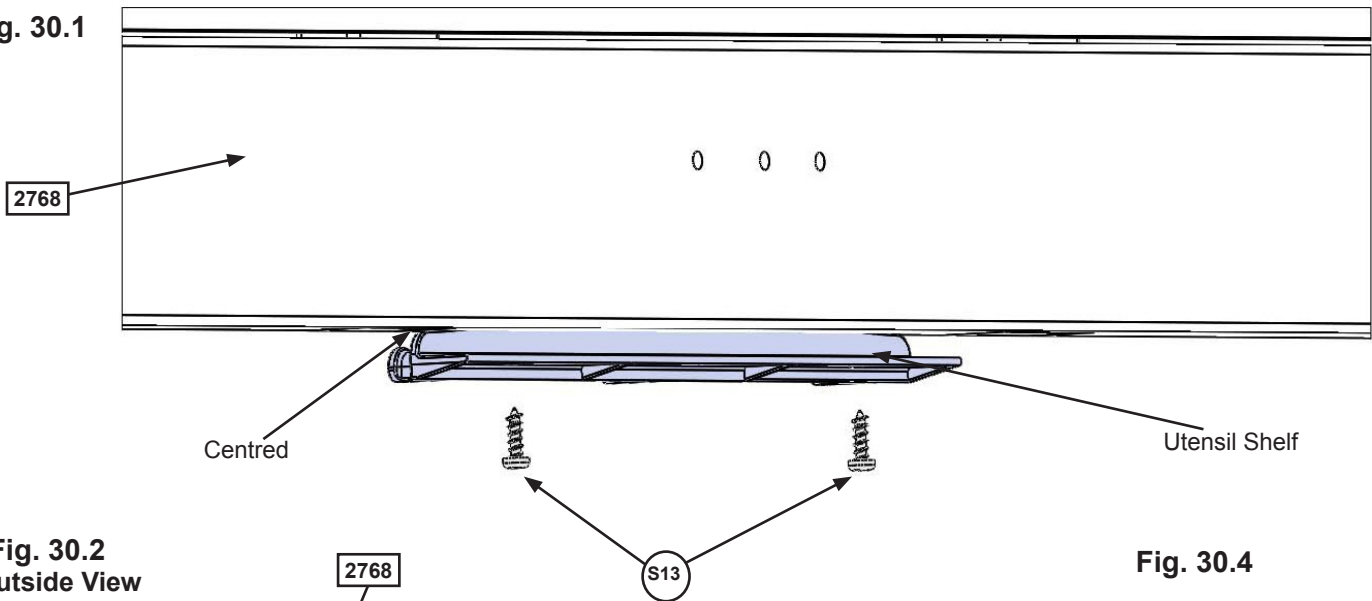


Fig. 30.2
Outside View

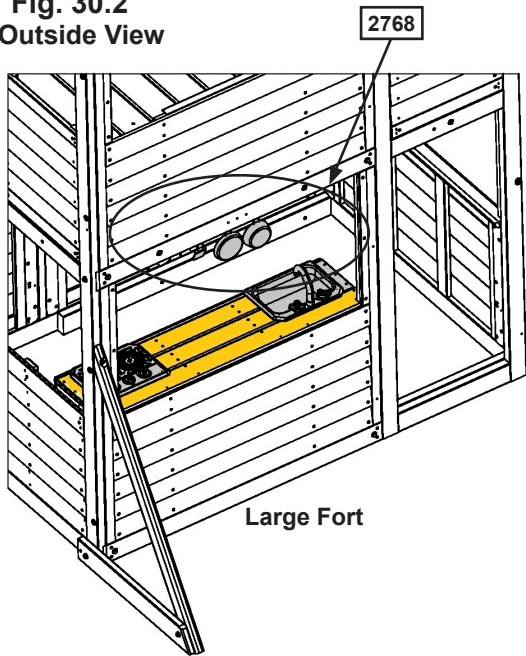


Fig. 30.3
Outside View

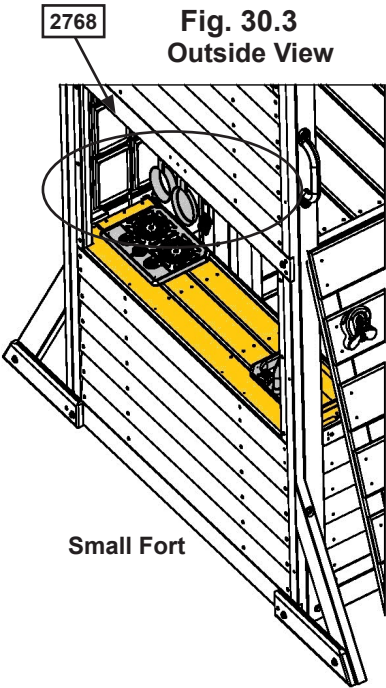
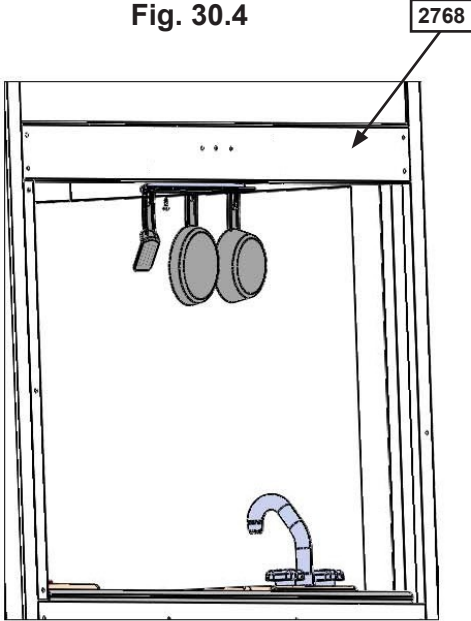


Fig. 30.4



Hardware

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

Other Parts

2 x Utensil Shelf
2 x Pot
2 x Pan
2 x Spatula

Step 31: 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. 31.3)

A: Fit 2 TNR2 Slide Elbows together and attach with 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 31.1. It is very important to attach bolts as indicated.

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

C: Attach TNR3 Extend Flange RT and TNR3 Extend Flange LT together using 9 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 31.2. This creates the Flange Assembly.

Fig. 31.1

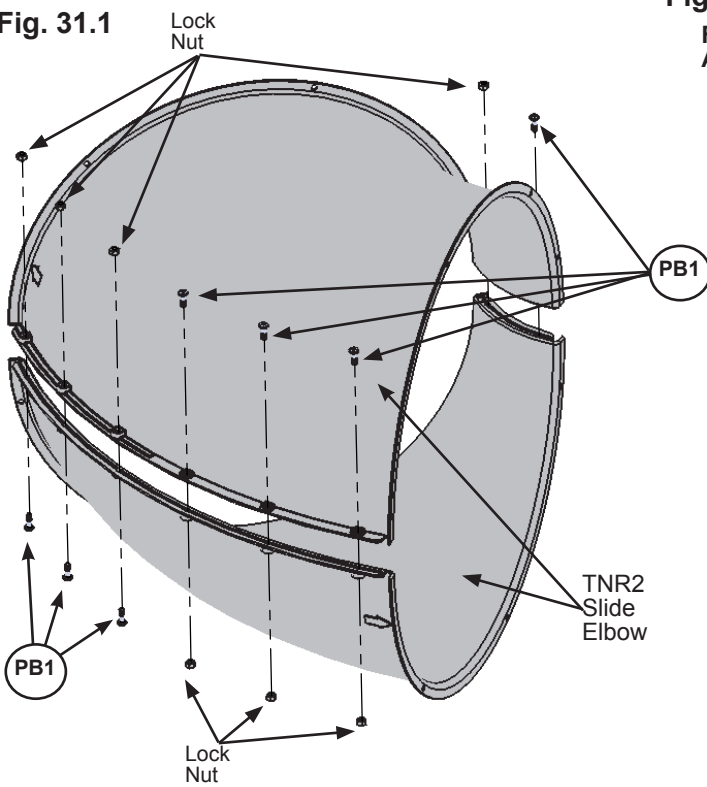


Fig. 31.2
Flange Assembly

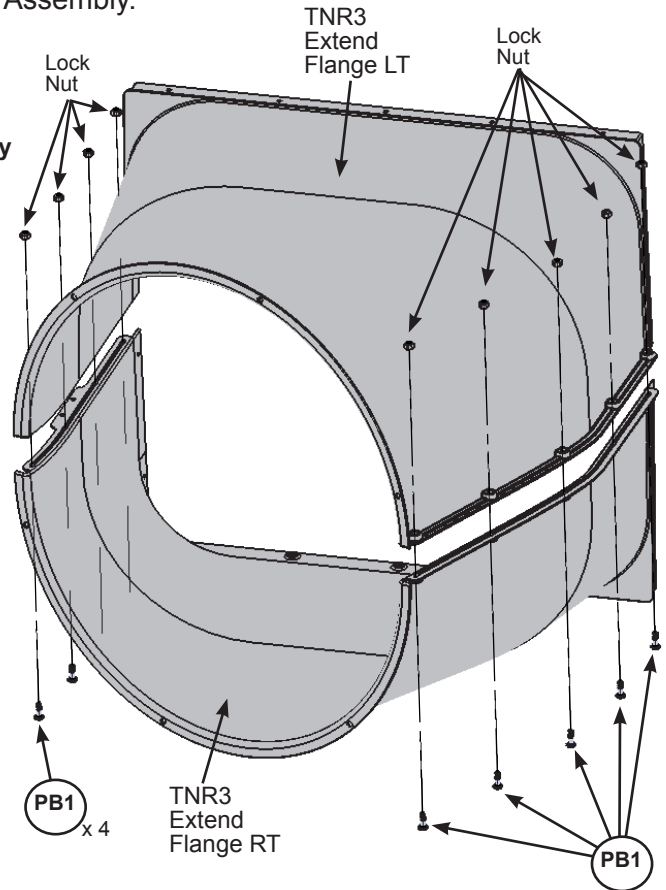
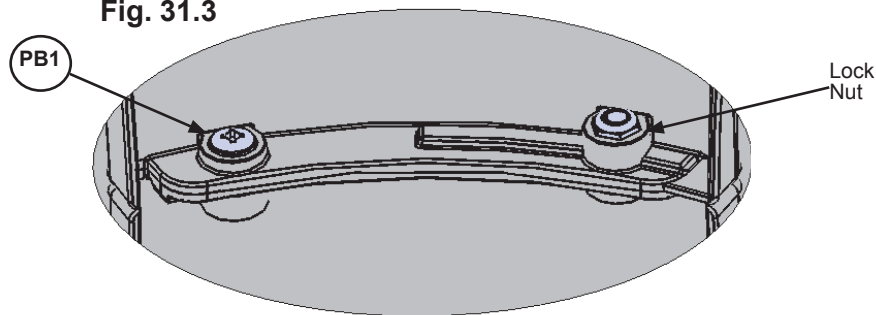


Fig. 31.3



Use a 7/16" open end wrench for nuts

Hardware

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

Other Parts

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

Step 31: 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. 31.3)

D: Attach TNR2 Slide Exit Top and the remaining TNR2 Slide Elbow together using 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 31.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 31.4

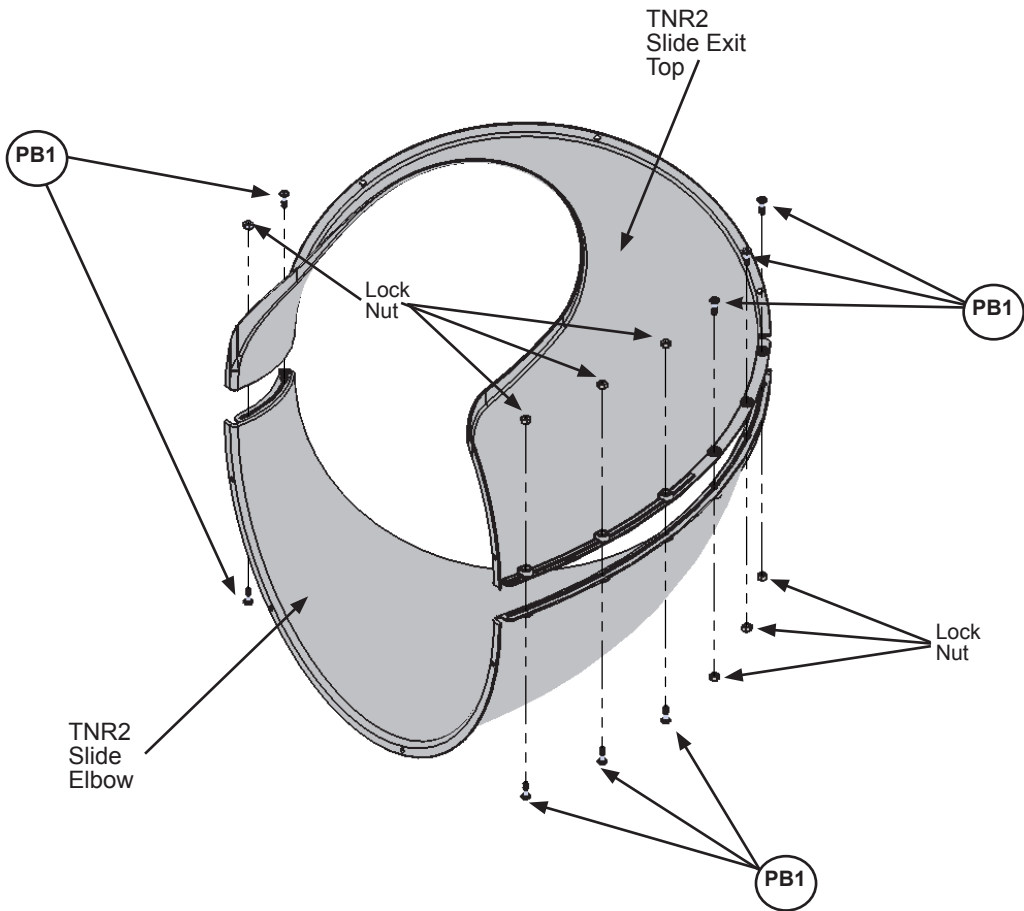
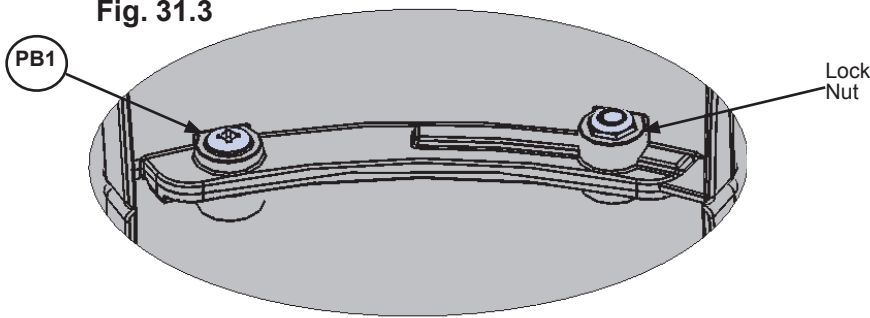


Fig. 31.3



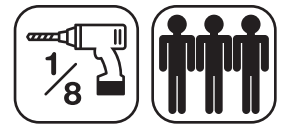
Hardware

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

Other Parts

1 x TNR2 Slide Exit Top
1 x TNR2 Slide Elbow

Step 32: Attach Flange Assembly to Fort Part 1



A: With a helper place the Flange Assembly flush to the top opening in the Front Wall on Unit A as shown in fig. 32.1, 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. 32.2)

B: Attach Flange Assembly to (8935) Lower SL Insert using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 32.2) Make sure the flat surfaces of the Flange Assembly are flush to (2769) Panel BT Frame, (2770) End Post Left and (2602) Upper Jamb as shown in fig. 32.3.

C: Attach the Flange Assembly flush to top of (2769) Panel BT Frame using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) and to (2602) Upper Jamb and (2770) End Post Left using 5 (S6) #12 x 1" Pan Screws per side. (fig. 32.2)

Fig. 32.2
Inside View

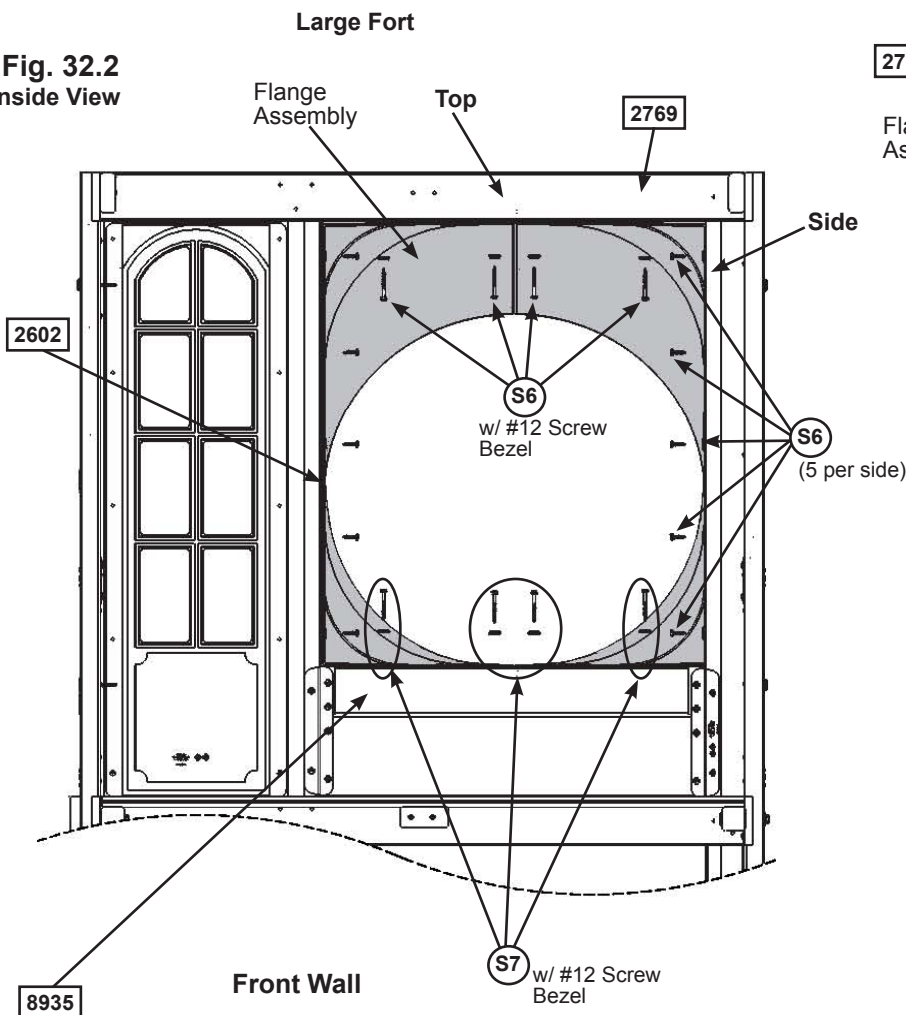


Fig. 32.1
Outside View

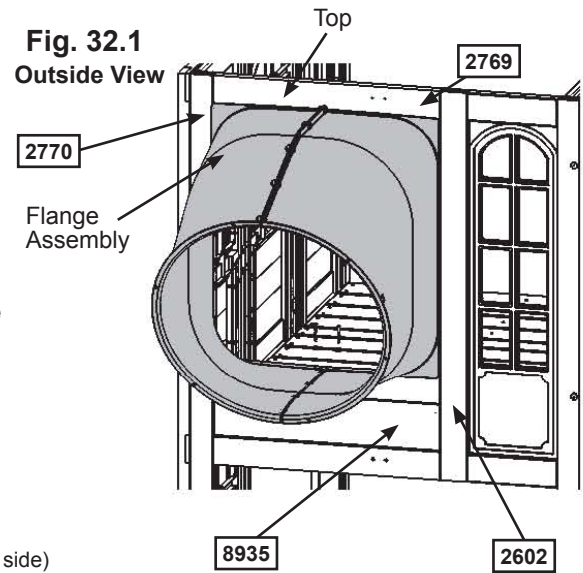
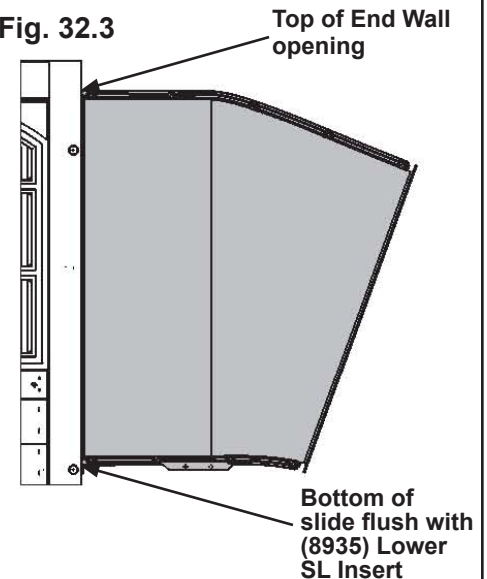


Fig. 32.3



Hardware

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

Step 32: 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) #12 x 1" Pan Screws. (fig. 32.4 and 32.5)

E: Pre-drill pilot hole with a 3/16" drill bit then attach (8934) SL Gusset to (2768) Panel Floor with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer). (fig. 32.4 and 32.5)

Fig. 32.4

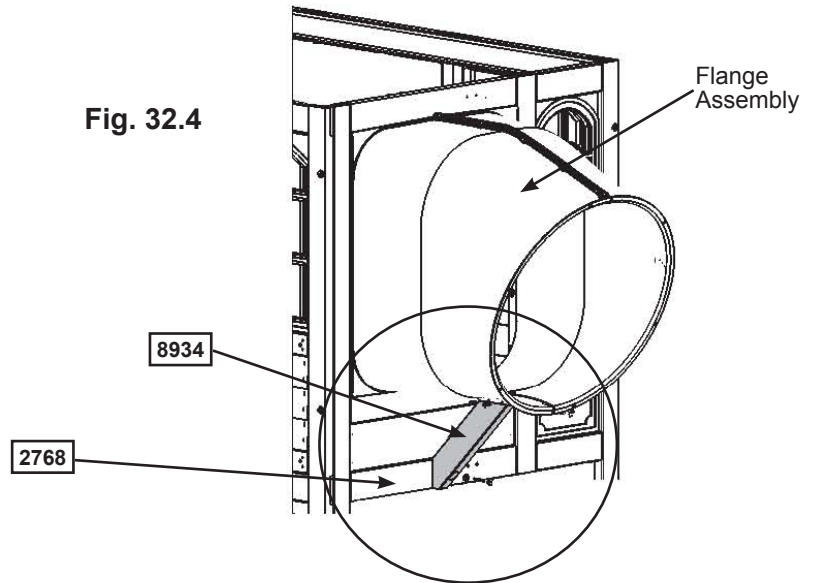
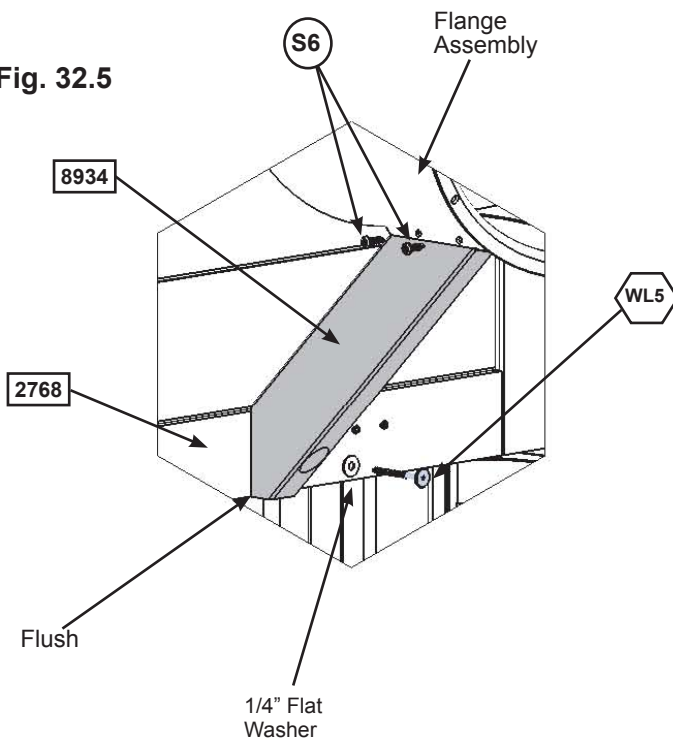


Fig. 32.5



Wood Parts

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

Hardware

2 x #12 x 1" Pan Screw

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

Step 33: Attach Elbow Assembly to Flange Assembly Part 1



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

A: Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. (fig. 33.2 and 33.3)

B: Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 33.2 and 33.3.

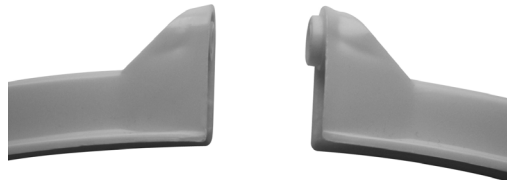
Use Quadrex Driver as a guide pin for each hole before inserting bolt. (fig. 33.3)

Quadrex Driver



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

Fig. 33.4



Do not install bolt in Clamp Ring ends until Step 33D

Fig. 33.1

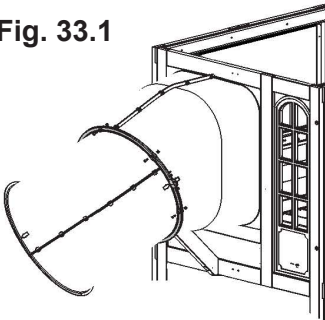
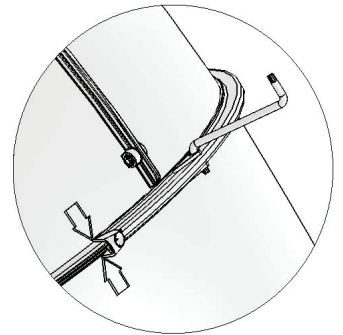
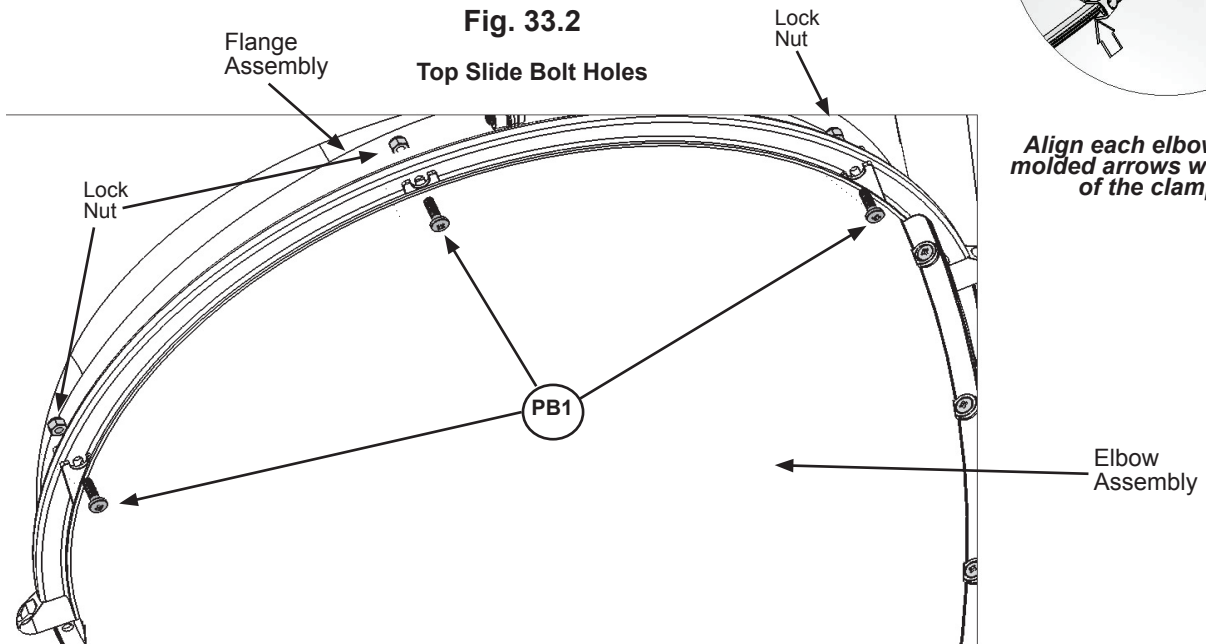


Fig. 33.3




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

Fig. 33.2



Hardware

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

Other Parts

1 x Quadrex Driver
1 x TNR2 Slide Clamp Ring

Step 33: Attach Elbow Assembly to Flange Assembly Part 2



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

C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 2 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) on one side and 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) in the other side, making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 33.5, 33.6 and 33.7.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 33.8 and 33.9).

Fig. 33.5

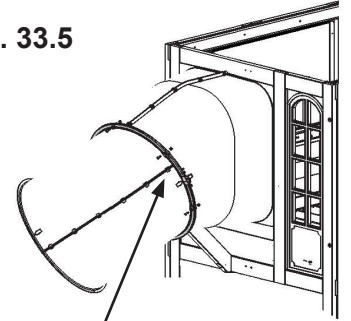


Fig. 33.6

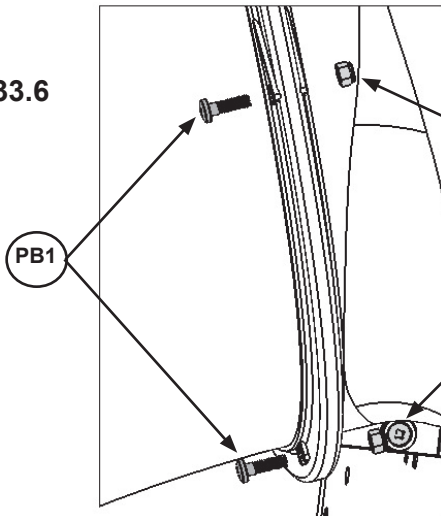


Fig. 33.7 (Side not shown)

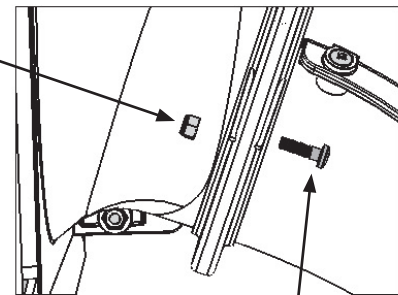


Fig. 33.8

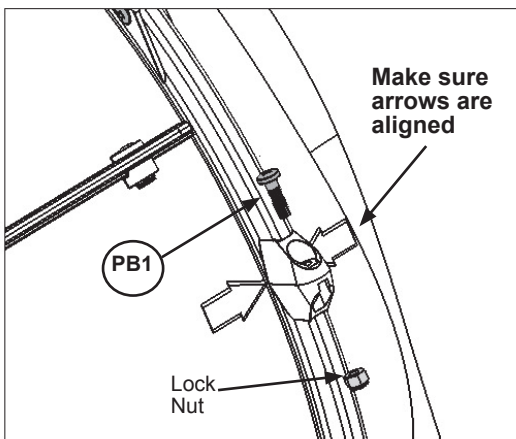
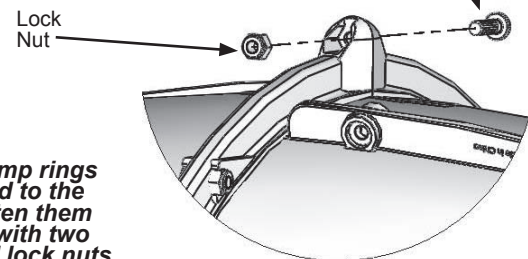


Fig. 33.9



Hardware

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

Other Parts

1 x TNR2 Slide Clamp Ring

Step 34: Attach Elbow Assembly to Elbow Assembly Part 1



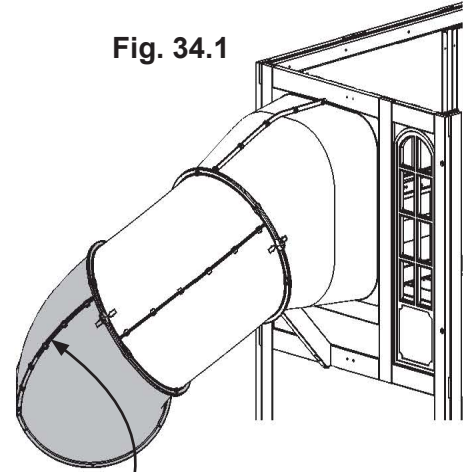
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

A: Fit a second Elbow Assembly to the first Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 34.1)

B: Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 34.2 and 34.3.

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

Fig. 34.1



Notice elbow orientation

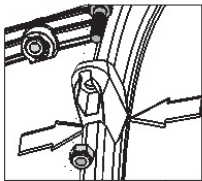


Do not install bolt in Clamp Ring ends until Step 34D

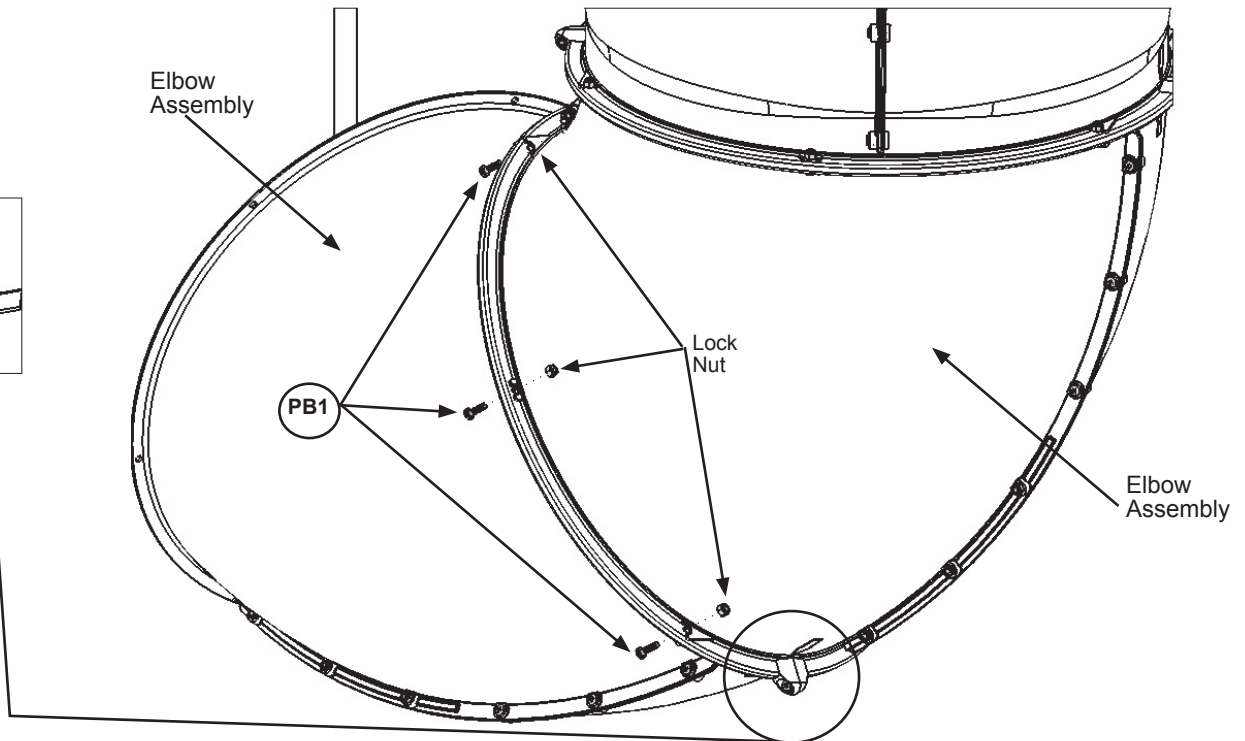
Fig. 34.2

Top Slide Bolt Holes

Fig. 34.3



Make sure arrows are aligned



Hardware

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

Other Parts

1 x TNR2 Slide Clamp Ring

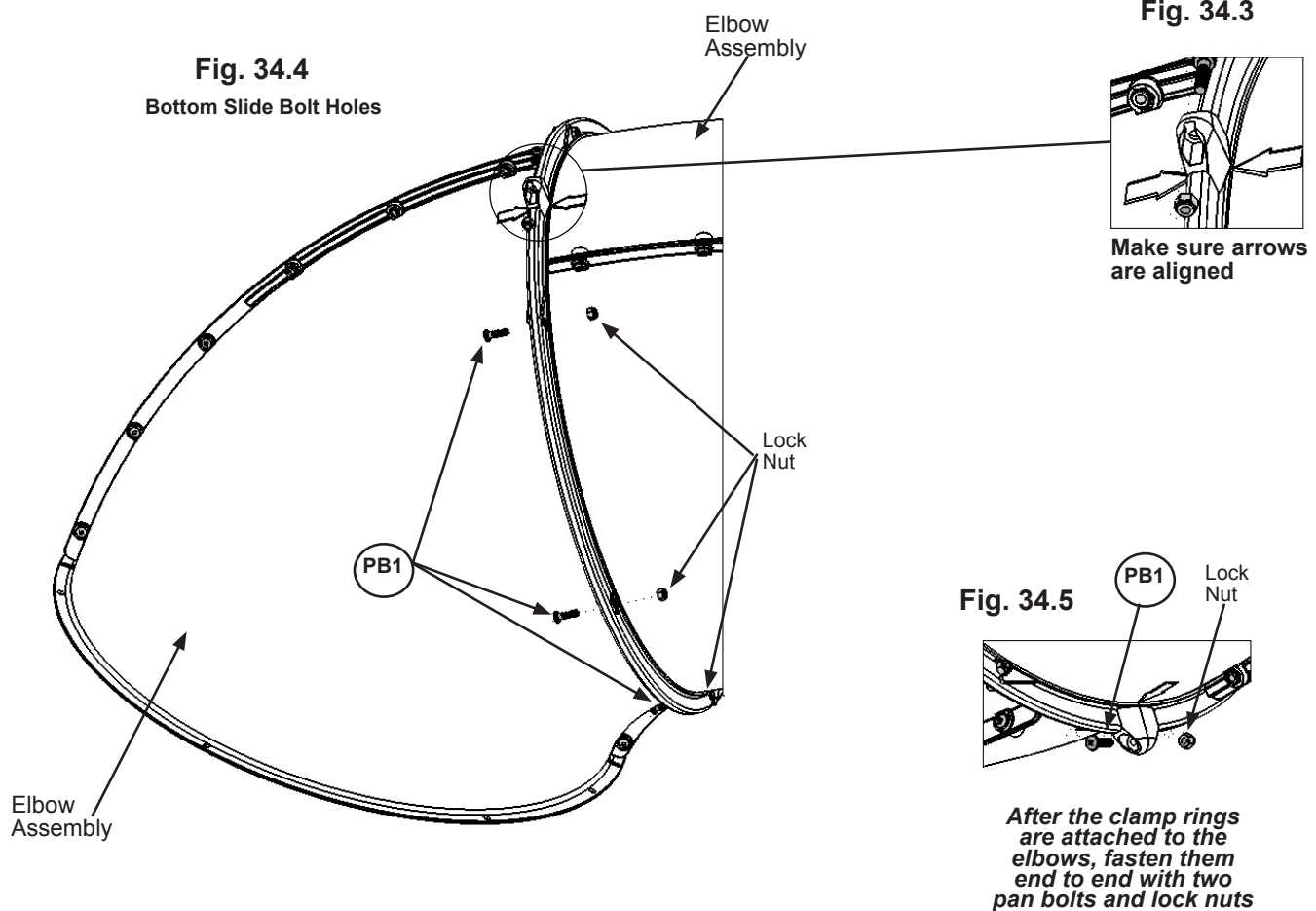
Step 34: Attach Elbow Assembly to Elbow Assembly Part 2



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

C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 34.3 and 34.4.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 34.3 and 34.5).



Hardware

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

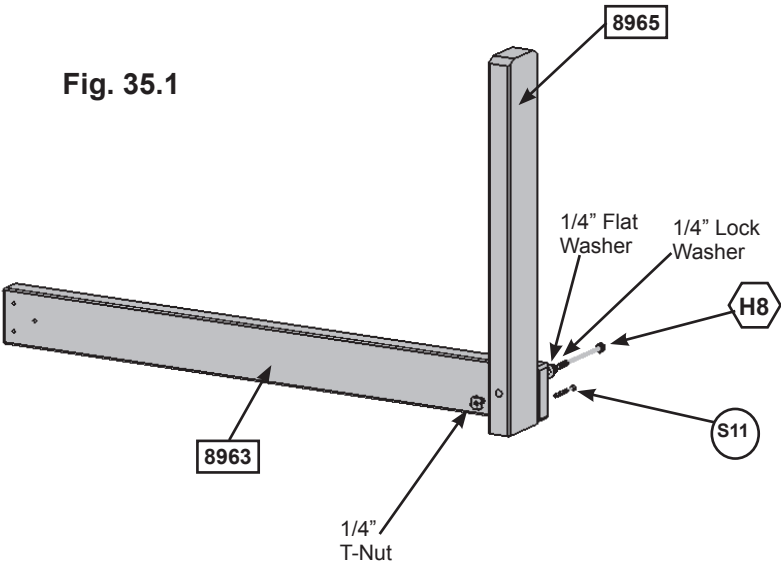
Other Parts

1 x TNR2 Slide Clamp Ring

Step 35: TNR Brace Assembly



A: Attach (8965) TNR Upright to (8963) TNR Ground Brace with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S11) #8 x 2" Wood Screw. (fig. 35.1)



Wood Parts

- 1 x 8963 TNR Ground Brace 1-1/4 x 3 x 32-1/4"
- 1 x 8965 TNR Upright 1-1/4 x 3 x 20-1/4"

Hardware

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

Step 36: Attach Elbow Assemblies and TNR2 Slide Support



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

A: Attach the two remaining Elbow Assemblies as instructed in Steps 33 and 34.

B: Place TNR Brace Assembly against (2770) End Post Left so it sits under the slide. It is not attached yet. (fig. 36.1)

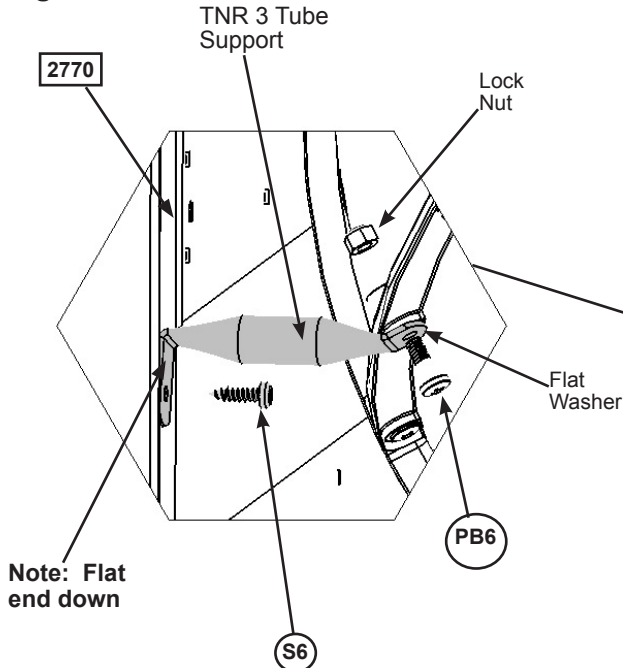
C: On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 31). (fig. 36.1) **The bolt will no longer be needed, but keep the lock nut.**

D: Loosely attach TNR3 Tube Support (at the slightly bent end) to the Clamp Ring using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 36.2)

E: Rotate TNR3 Tube Support and attach to (2770) End Post Left using 1 (S6) #12 x 1" Pan Screw as shown in fig. 36.2.

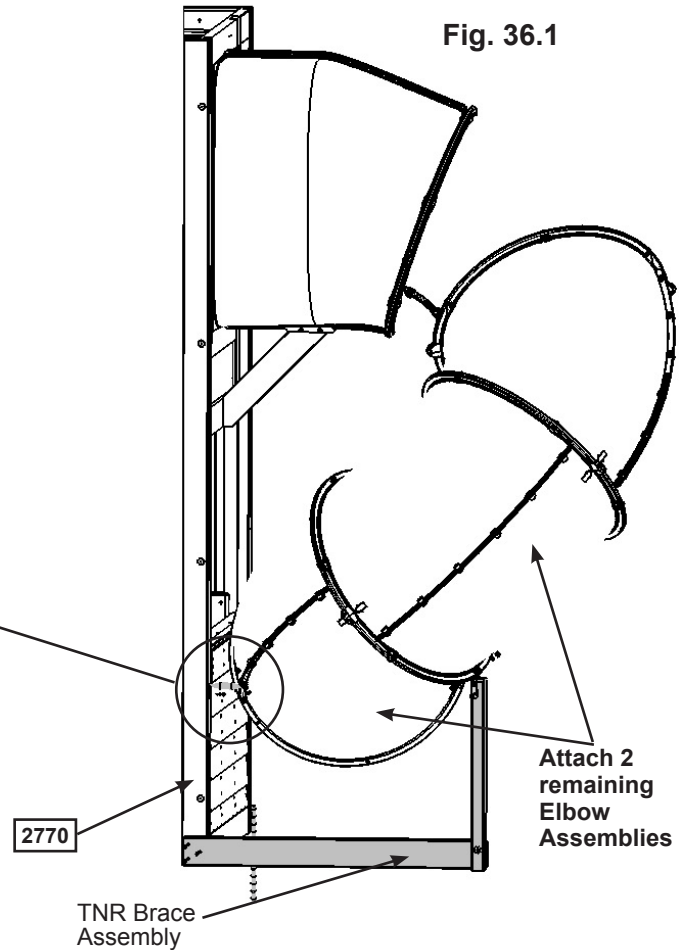
F: Fully tighten screw and bolt.

Fig. 36.2



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

Fig. 36.1



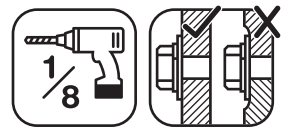
Hardware

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

Other Parts

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

Step 37: Attach TNR Brace Assembly



A: Use (8965) TNR Upright as a guide to judge the proper bolt location, remove the bottom pan bolt and nut. **The bolt will no longer be needed, but keep the lock nut.** (fig. 37.1 and 37.2)

B: Attach the top of the TNR3 Post Mount to TNR2 Slide Clamp Ring using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with the previously removed lock nut and 1 flat washer). (fig. 37.2)

C: Insert TNR3 Post Mount on (8965) TNR Upright, pre-drill with a 1/8" drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 37.2)

D: Attach (8963) TNR Ground Brace flush to the bottom of (2770) End Panel Left with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 37.1 and 37.3)

Fig. 37.1

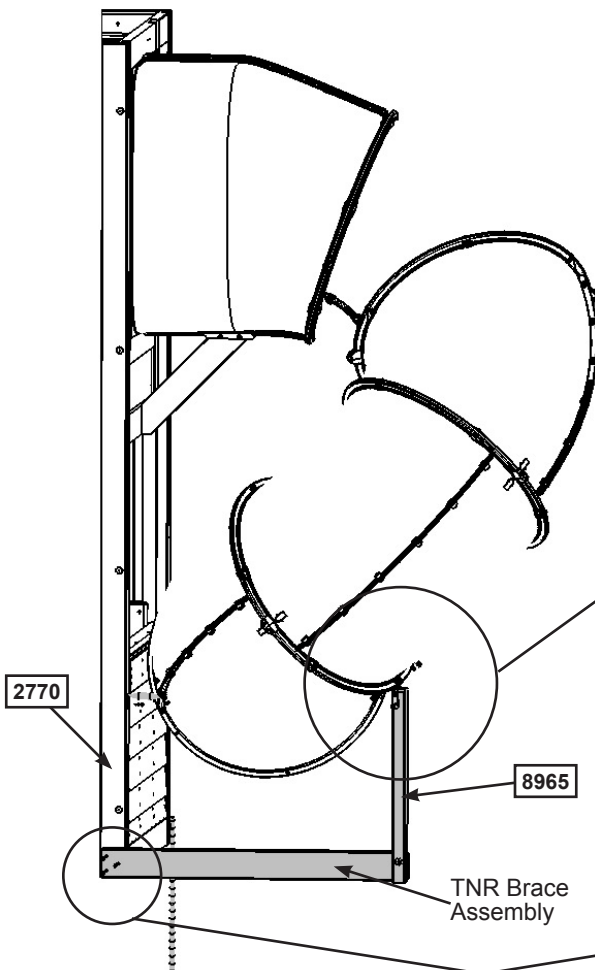


Fig. 37.2

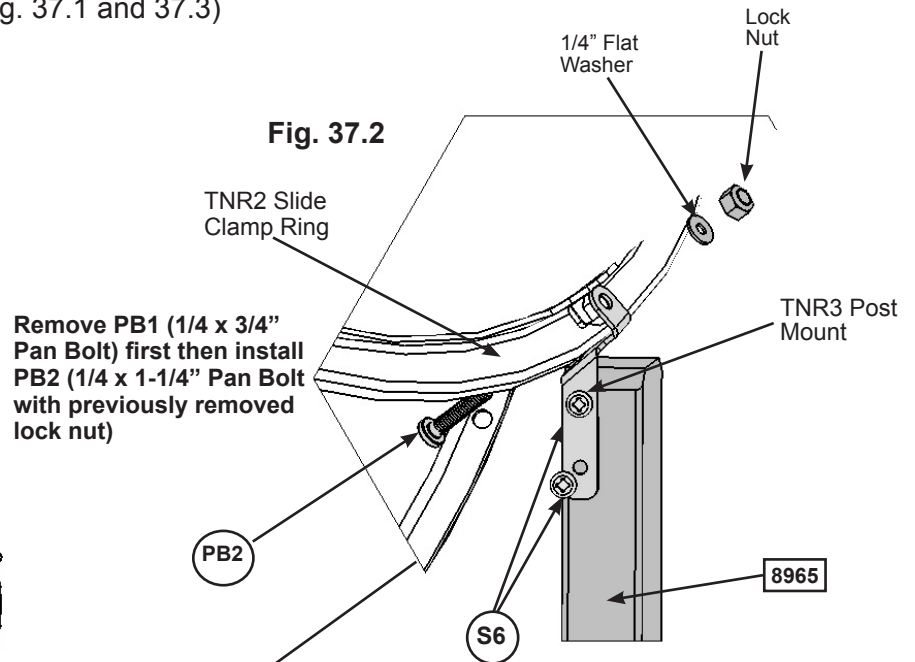
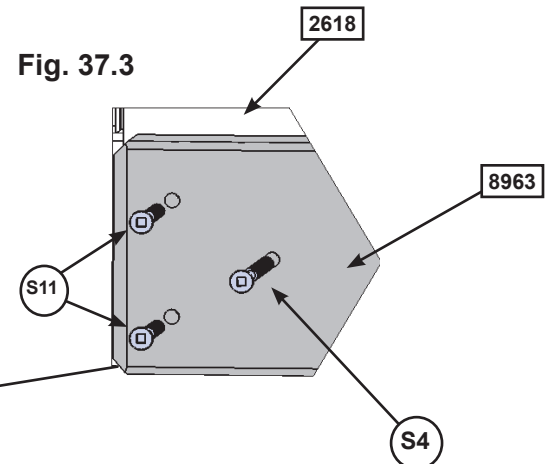


Fig. 37.3

Remove H9 (1/4 x 1-1/4" Hex Bolt) first then install TNR Brace Assembly with Wood Screws as noted in Fig. 37.3



Hardware

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

Other Parts

- 1 x TNR3 Post Mount

Step 38: Attach TNR2 Slide Exit to Exit Elbow Assembly



A: Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR3 Short Exit. (fig. 38.1)

B: Rotate Slide Exit and use Quadrex Driver as a guide pin so the holes are aligned and attach with 5 (PB1) 1/4 x 3/4" Pan Bolts (with lock nuts) starting with the bottom middle hole and working up each side. (fig. 38.2 and 38.3)

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

Fig. 38.1

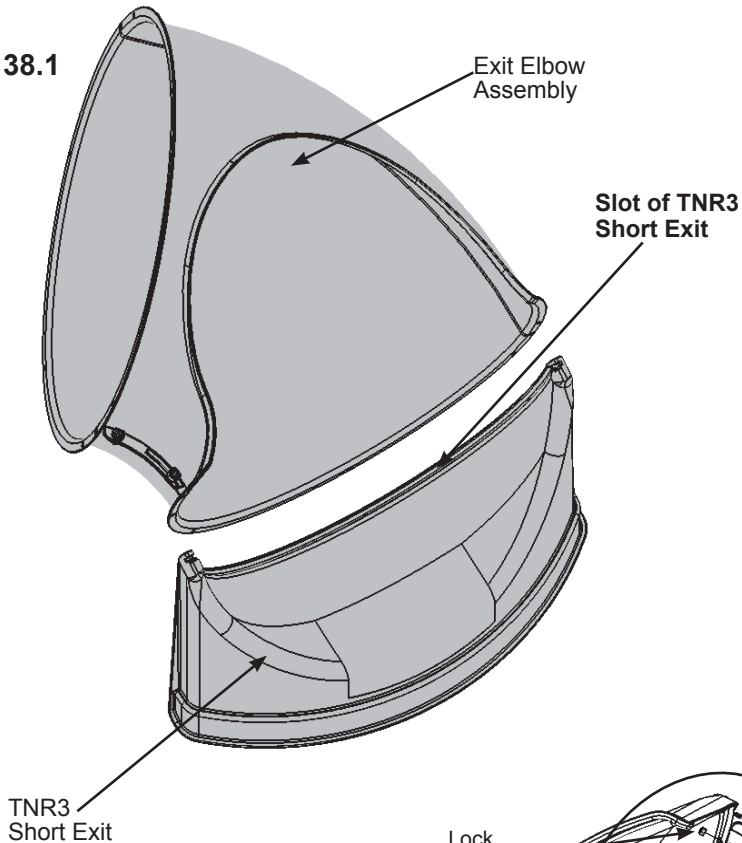


Fig. 38.3

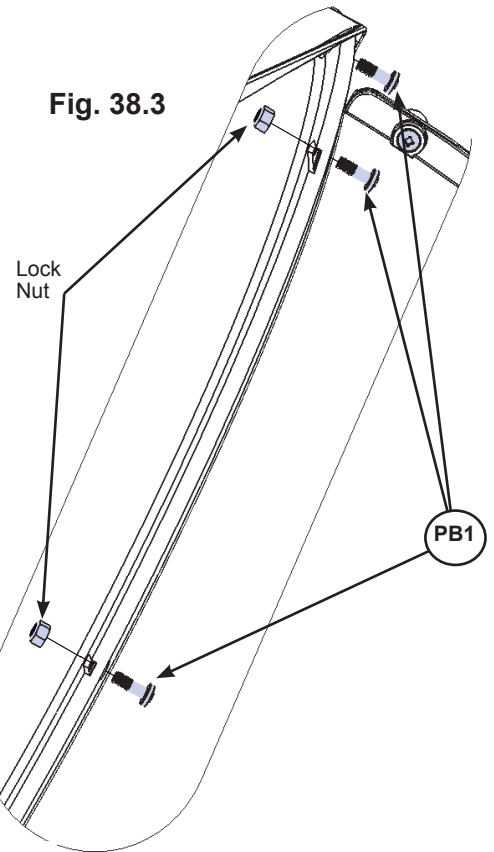
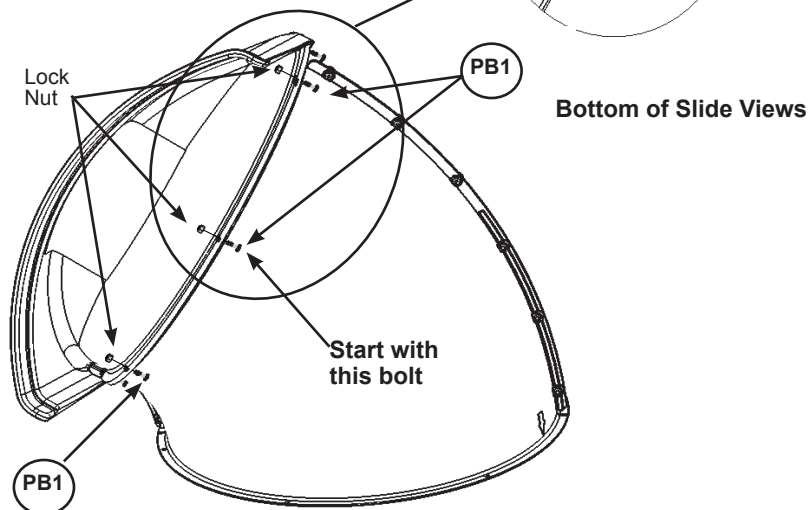


Fig. 38.2



Hardware

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

Other Parts

1 x TNR3 Short Exit

Step 39: Attach Exit End Assembly to Fort



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

A: Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 39.1)

B: Place 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies, rotate counter clockwise 1 hole location then attach with 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 39.1.

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

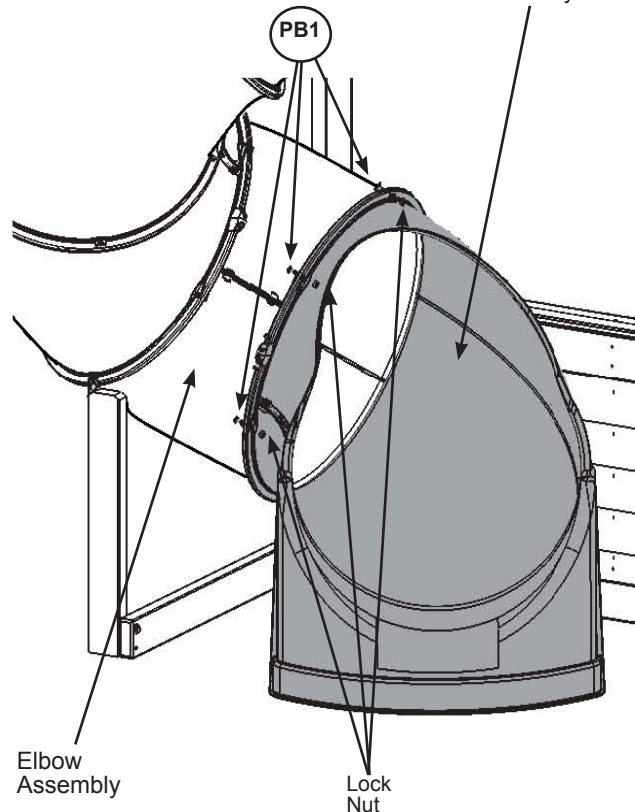
C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 39.2.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 39.3).

Fig. 39.1

Top Slide Bolt Holes

Exit Elbow Assembly

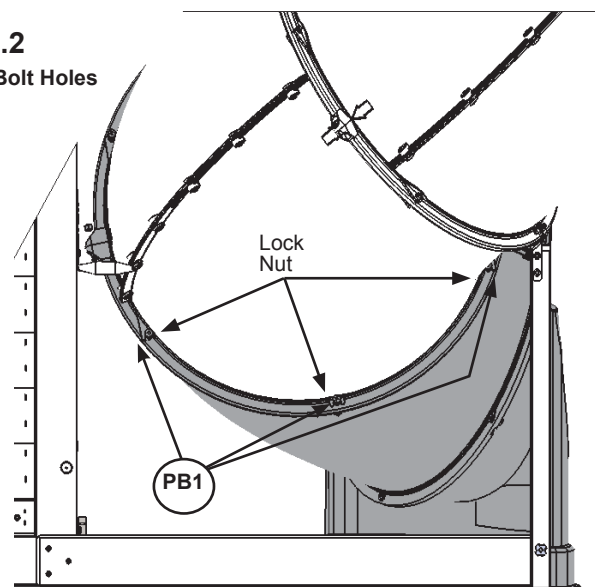


Elbow Assembly

Lock Nut

Fig. 39.2

Bottom Slide Bolt Holes

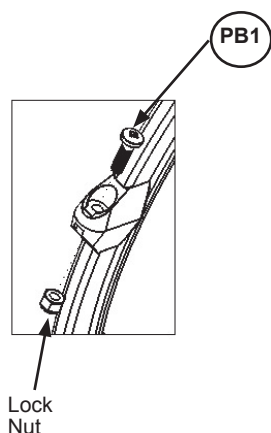


Lock Nut

PB1

Fig. 39.3

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



Lock Nut

Hardware

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

Other Parts

2 x TNR2 Slide Clamp Ring

Step 40: Attach Ground Stake to TNR Upright

A: In the spot shown in fig. 40.1 drive 1 Rebar Ground Stake 13" 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 t-nut using 1 (S7) #12 x 2" Pan Screw as shown in fig. 40.2.

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. 40.1

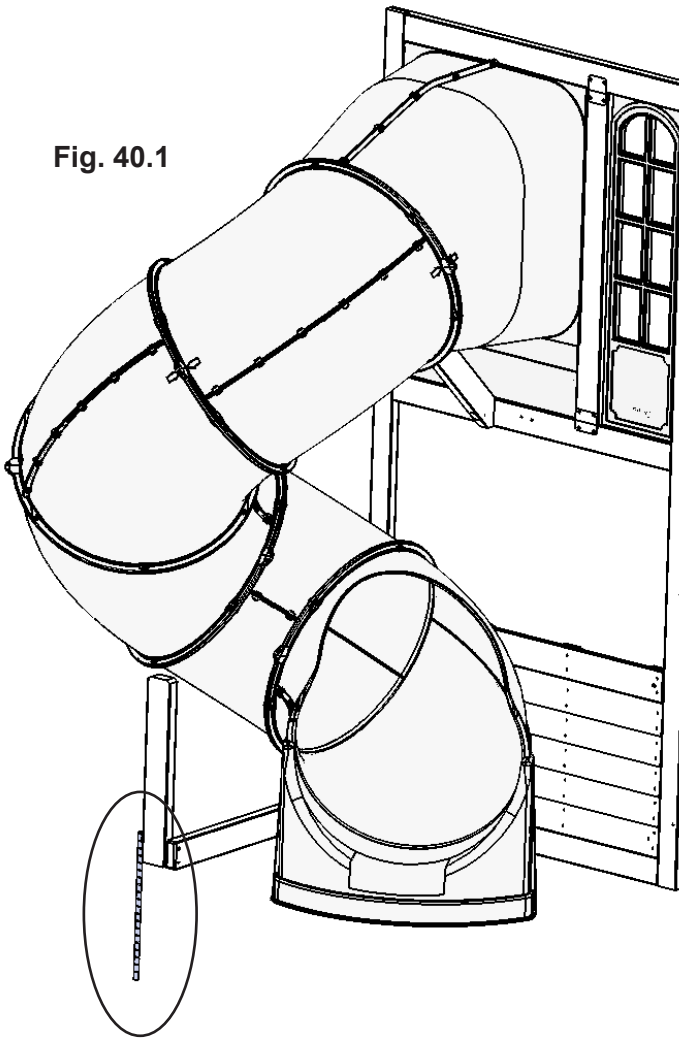
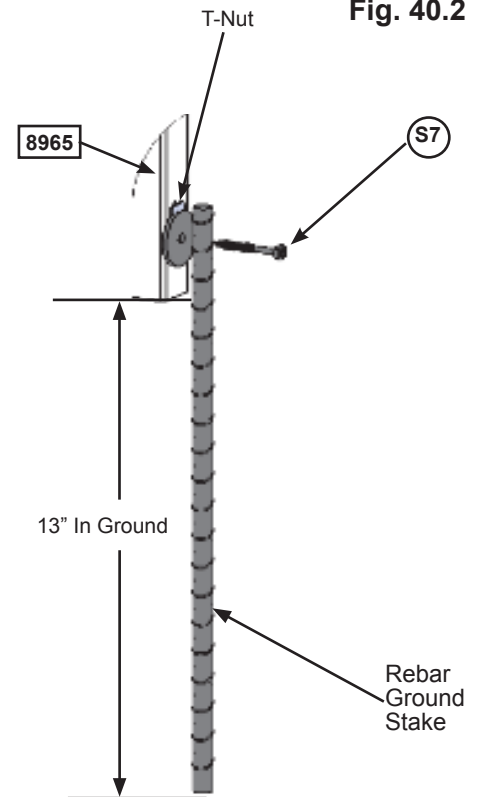


Fig. 40.2



Hardware

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

Other Parts

1 x Rebar Ground Stake

Step 41: Large Roof Support Assembly

A: Attach 1 (2760) Roof Support to a second (2760) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. Repeat this step so there are 4 Large Roof Support Assemblies. (fig. 41.1 and 41.2)

Fig. 41.1

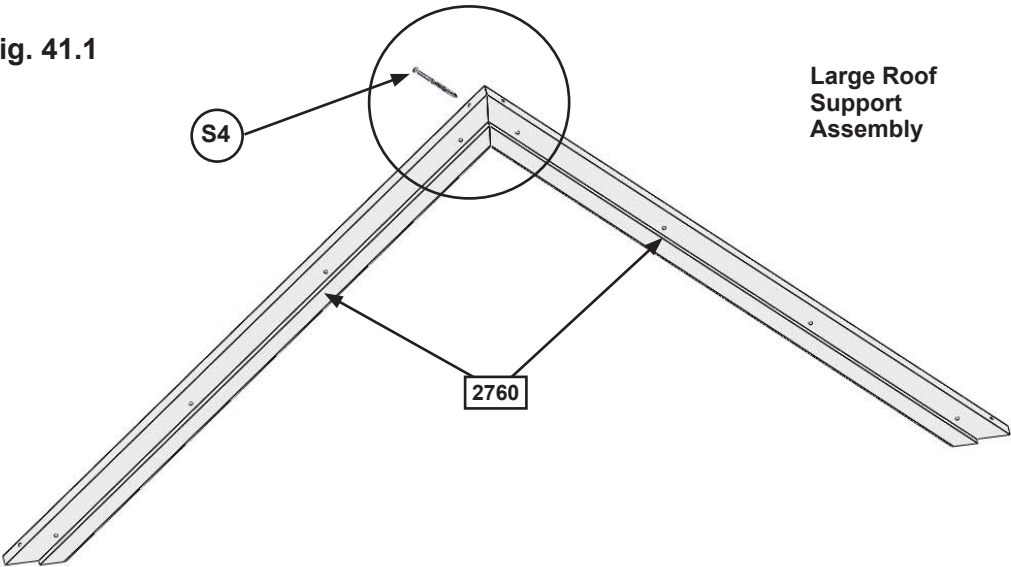
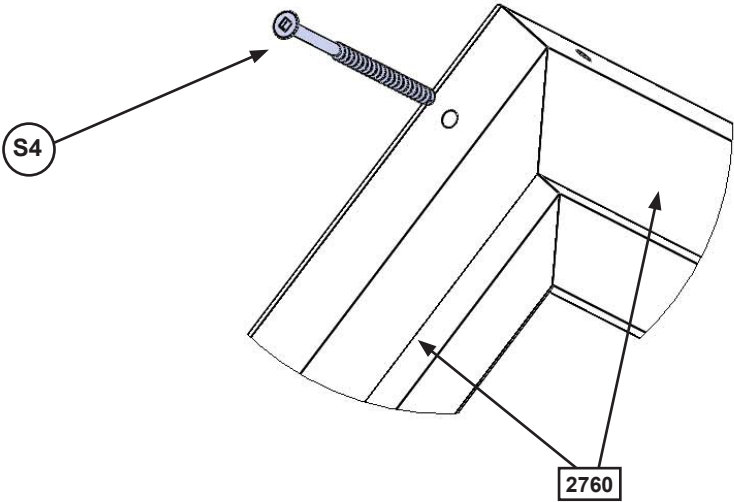


Fig. 41.2



Wood Parts

8 x 2760 Roof Support 1-1/4 x 2-1/4 x 37-1/2"

Hardware

4 x S4 #8 x 3" Wood Screw

Step 42: Large 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. 42.1)

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) #8 x 1-3/8" Wood Screws per panel. (fig. 42.2)

C: Repeat A and B to create a second set of Large Roof Panel Assemblies.

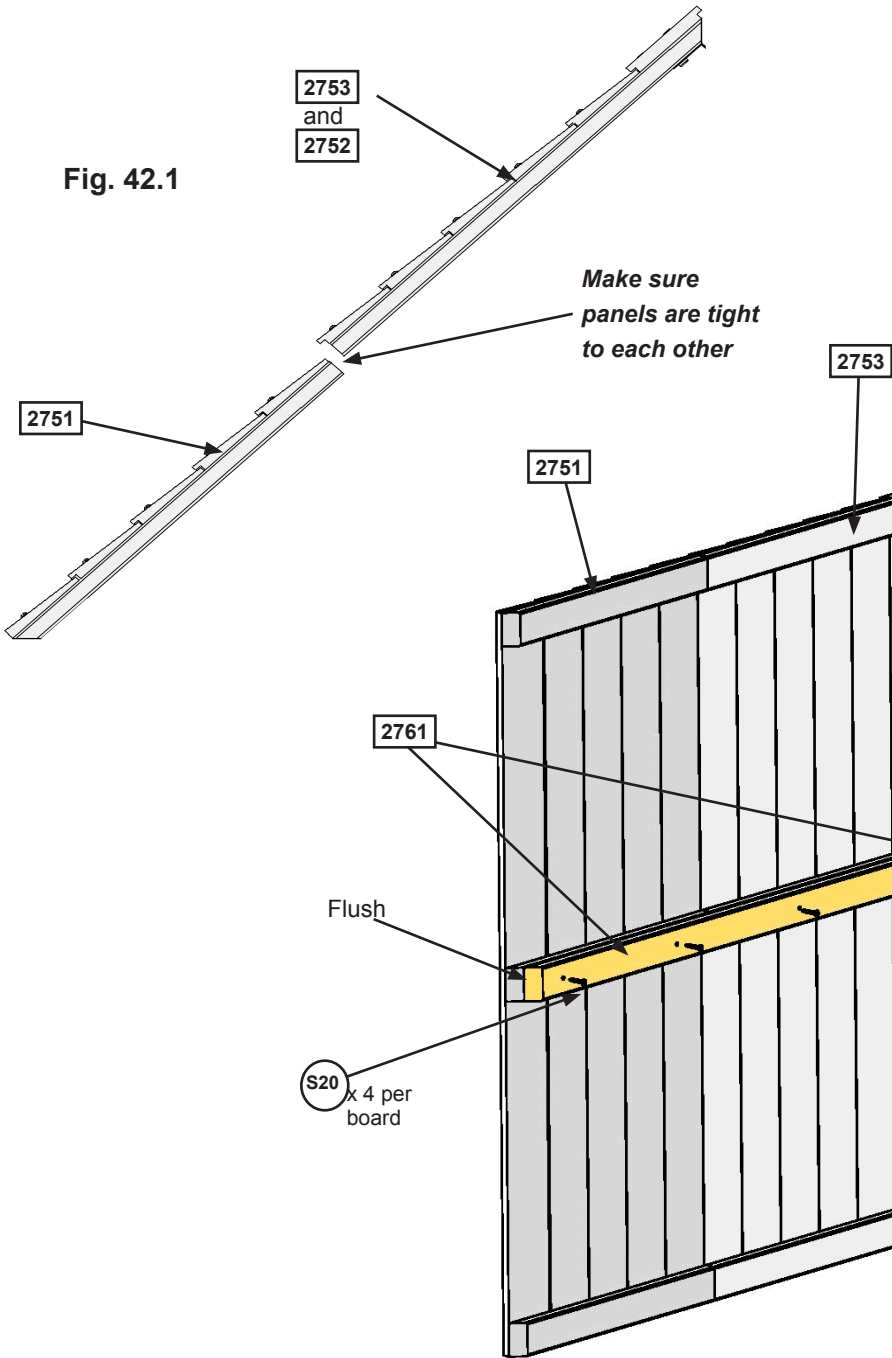


Fig. 42.1

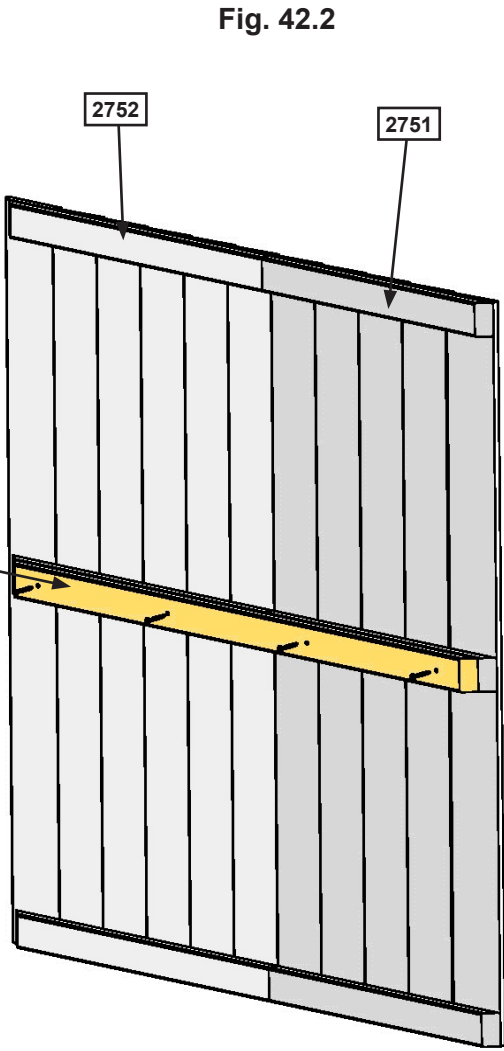


Fig. 42.2

Wood Parts

- 4 x 2751 MOD Roof Bottom 1-3/16 x 16-13/16 x 44"
- 2 x 2752 MOD Roof Front 1-1/4 x 20-7/16 x 44"
- 2 x 2753 MOD Roof Back 1-1/4 x 20-3/16 x 44"
- 4 x 2761 Roof Sleeper C 3/4 x 2 x 35"

Hardware

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

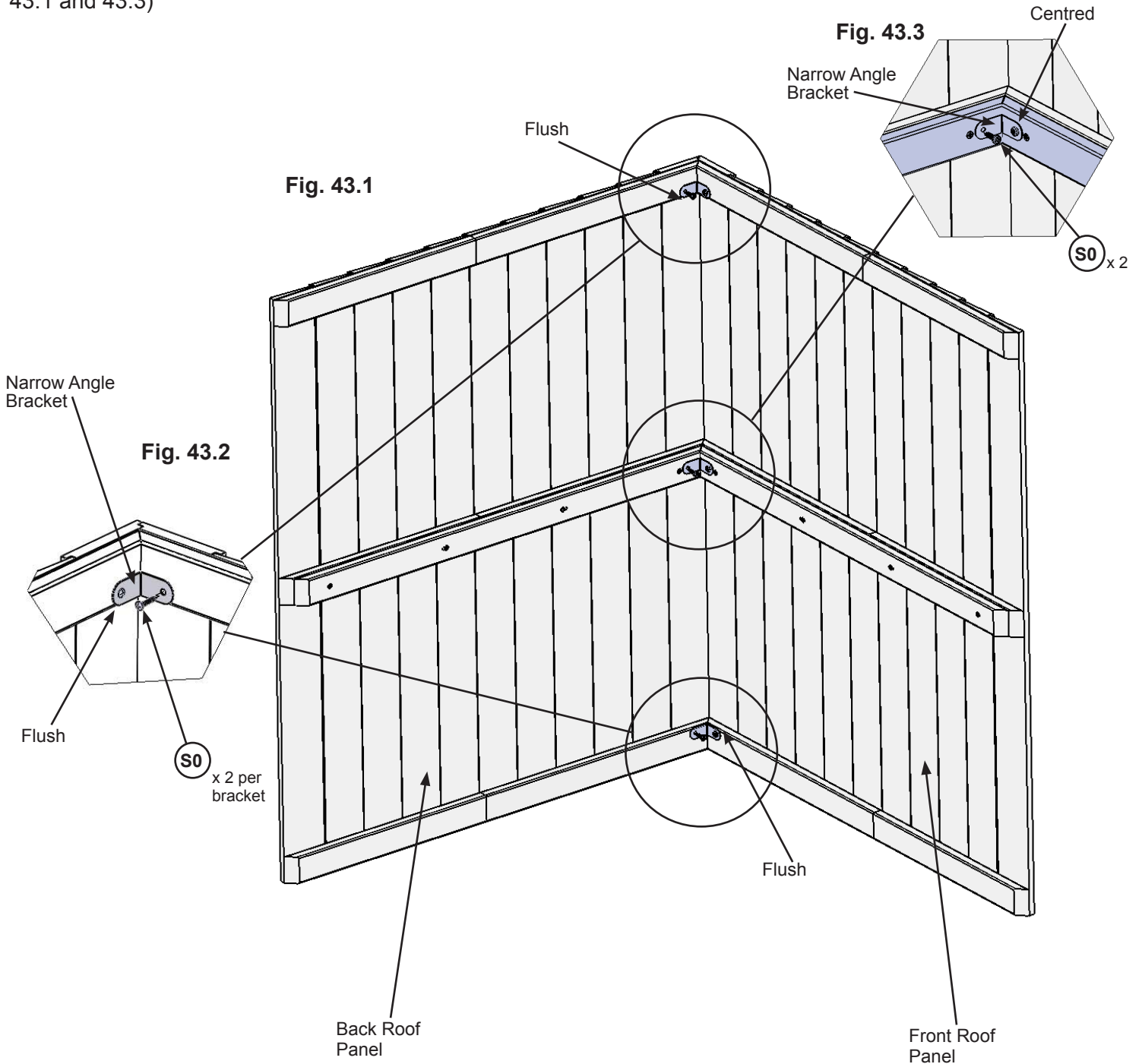
Step 43: Large Roof Assembly Part 1



Complete Step 43, A-D, twice so there are 2 Large Roof Assemblies

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) #8 x 7/8" Truss Screws per bracket. (fig. 43.1 and 43.2)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 43.1 and 43.3)



Hardware

12 x (S0) #8 x 7/8" Truss Screw

Other Parts

6 x Narrow Angle Bracket

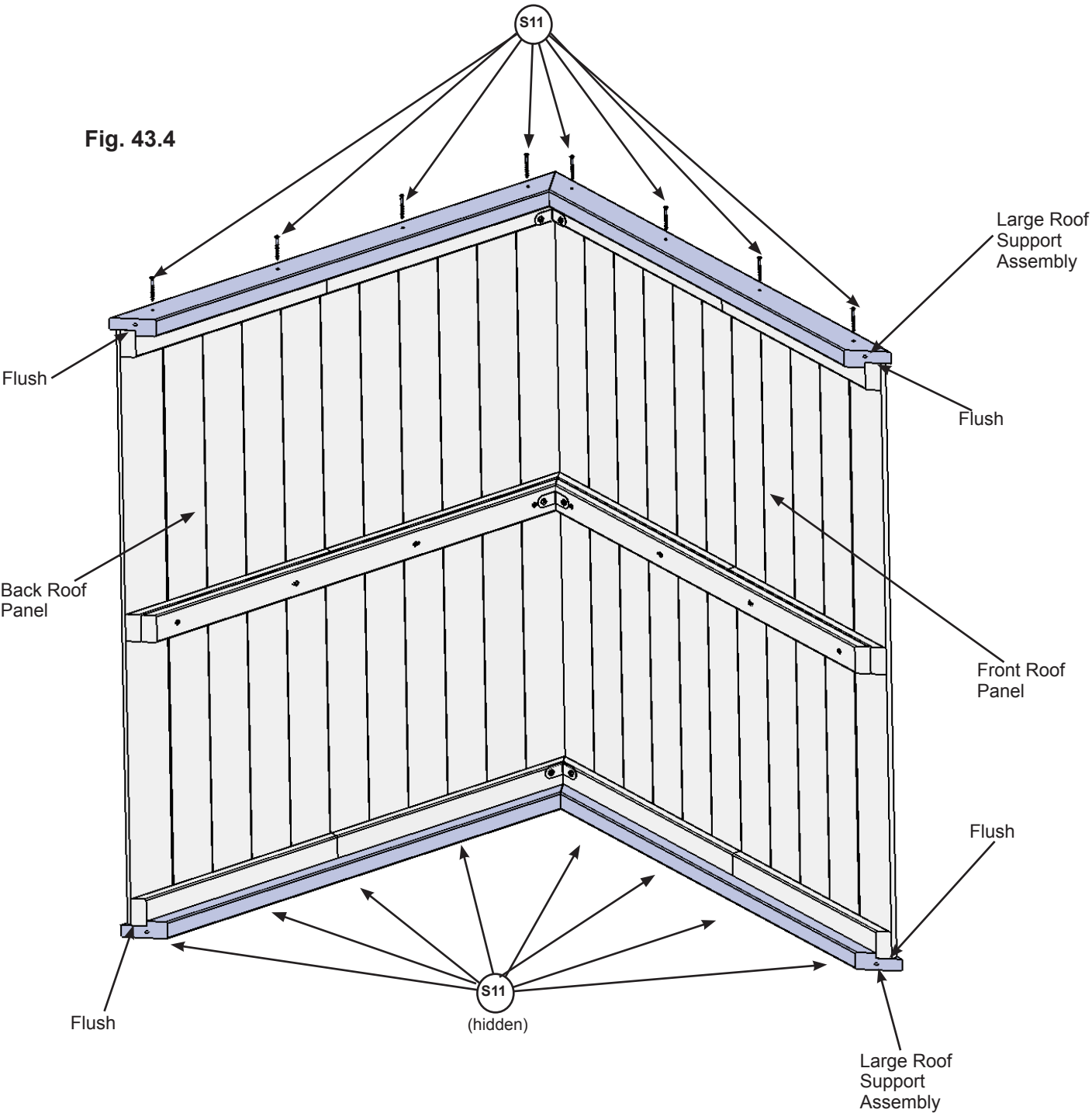
Step 43: Large Roof Assembly

Part 2

C: Place 1 Large Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 8 (S11) #8 x 2" Wood Screws. (fig. 43.4)

D: Attach the second Large Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) #8 x 2" Wood Screws. (fig. 43.4)

Fig. 43.4



Hardware

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

Step 44: Gable Dormer Assembly

A: Place (2699) Gable Dormer RT tight to (2689) Gable Dormer LT then place Green Sky Gable tight against the dormers and attach with 4 (S5) #8 x 1/2" Pan Screws. (fig. 44.1)

B: Attach (2699) Gable Dormer RT and (2689) Gable Dormer LT with 1 Narrow Angle Bracket using 2 (S5) #8 x 1/2" Pan Screws. (fig. 44.1 and 44.2)

Fig. 44.2

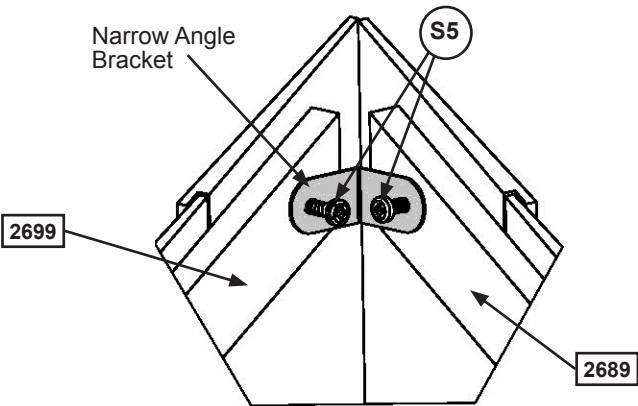
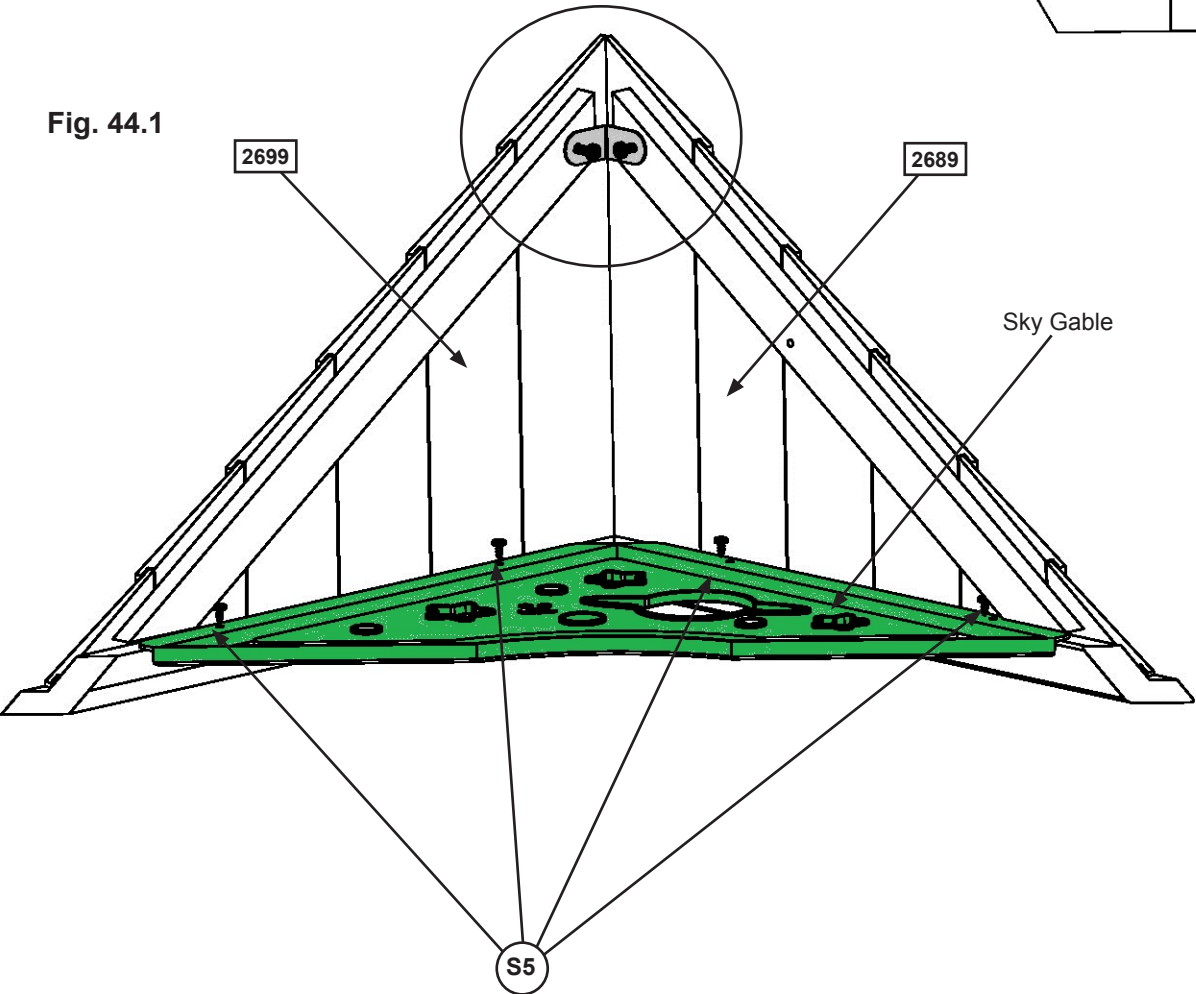


Fig. 44.1



Wood Parts

- 1 x 2689 Gable Dormer LT 1-1/4 x 14.6 x 22"
- 1 x 2699 Gable Dormer RT 1-1/4 x 14.6 x 22"

Hardware

- 6 x S5 #8 x 1/2" Pan Screw

Other Parts

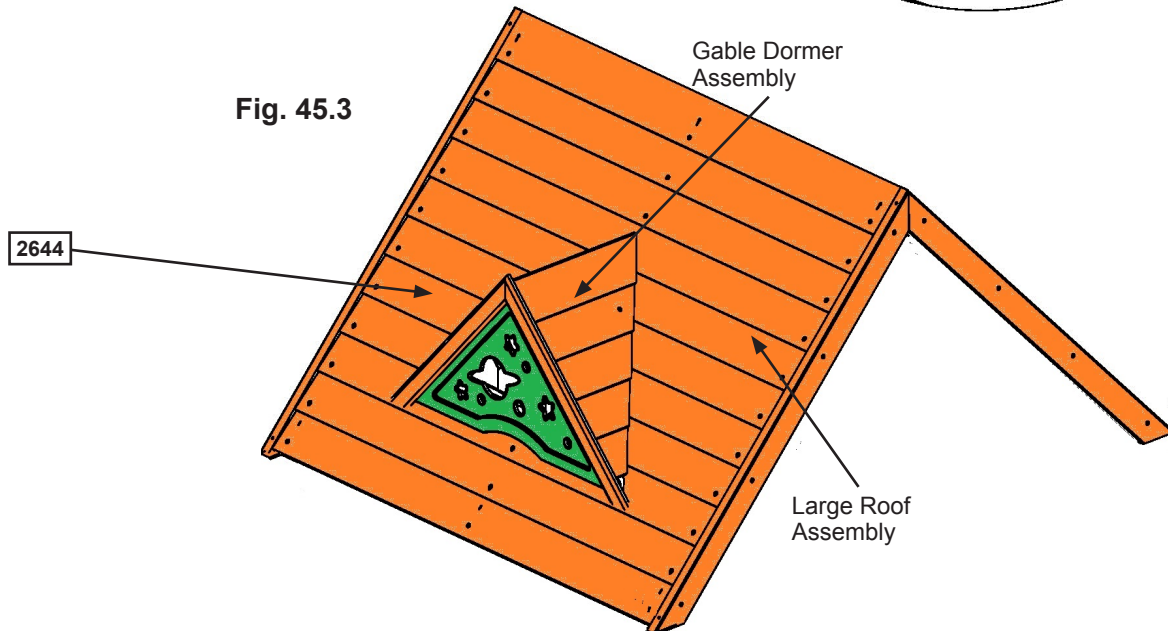
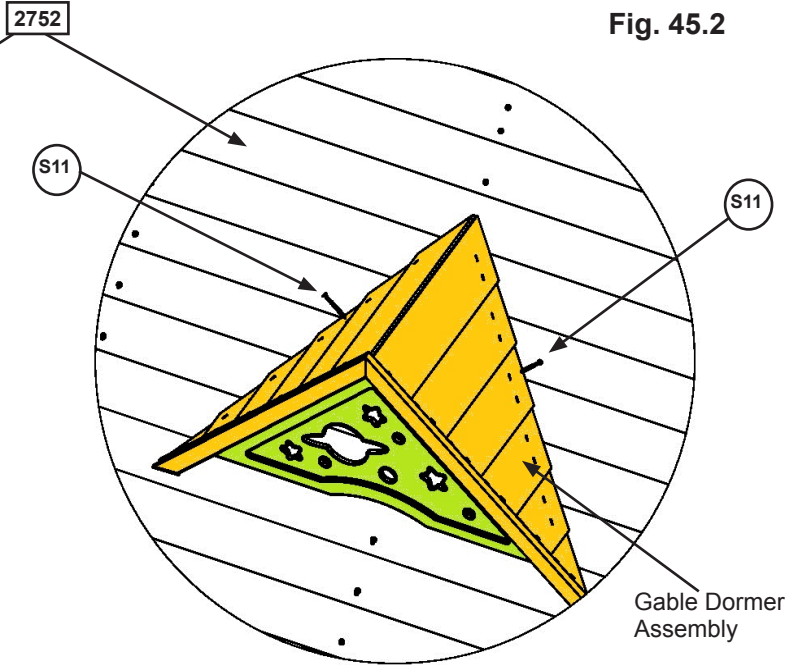
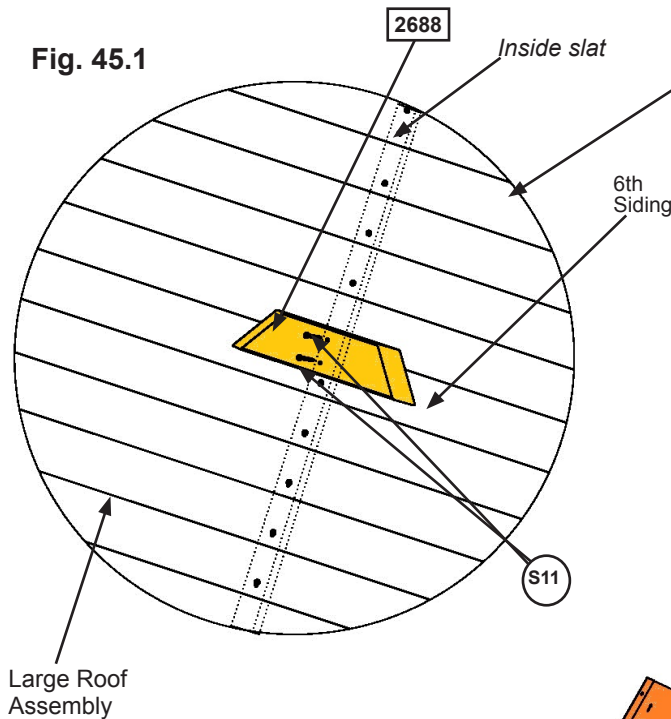
- 2 x Narrow Angle Bracket
- 1 x Sky Gable - Green

Step 45: Attach Gable Dormer to Roof



A: On the outside of one Large Roof Assembly on the bottom siding of the (2752) MOD Roof Fronts (6th siding down from top of Large Roof Assembly) place (2688) Dormer Cleat centred on the panel (over the middle inside slat) then attach with 2 (S11) #8 x 2" Wood Screws. Make sure the screws go into the siding and the slats. This will now be referred to as the front of the Large Fort Roof Assembly. (fig. 45.1)

B: Place completed Gable Dormer Assembly over (2688) Dormer Cleat and attach with 2 (S11) #8 x 2" Wood Screws. This Large Roof Assembly will be installed on the Large Fort. (fig. 45.2 and 45.3)



Wood Parts

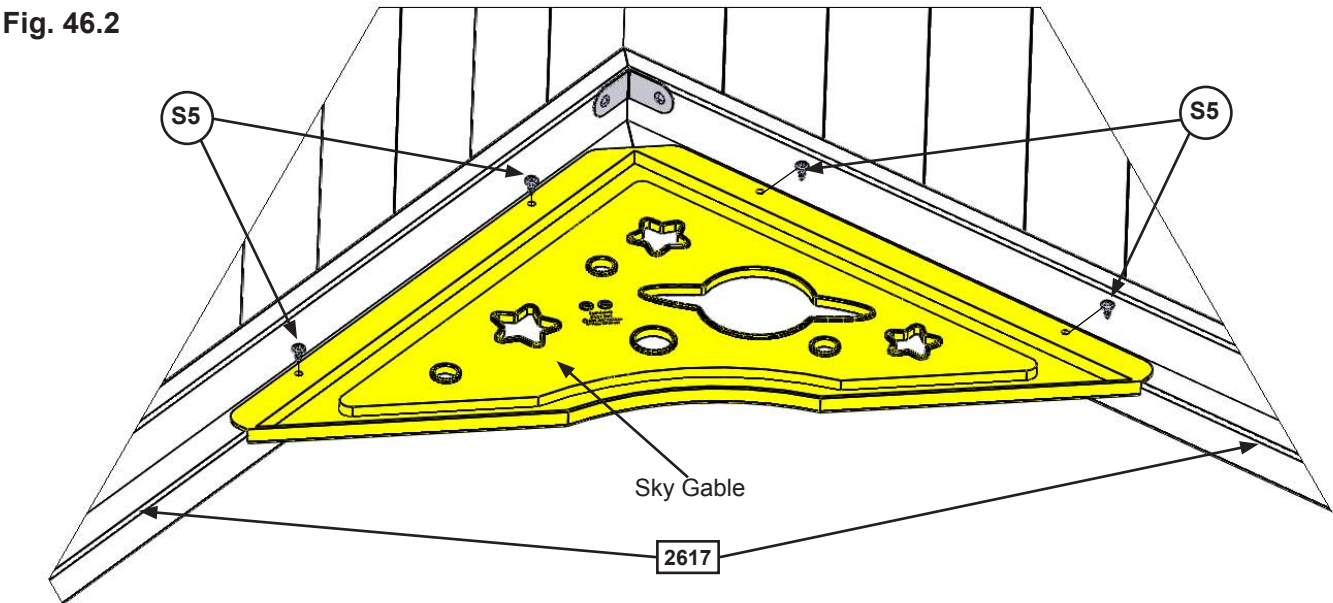
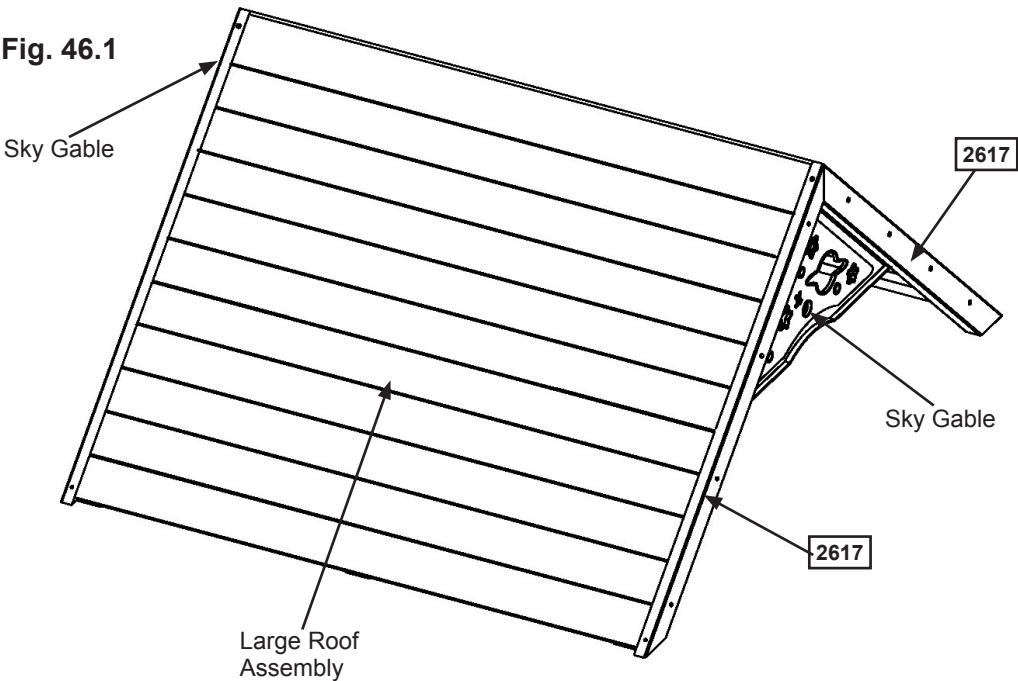
1 x 2688 Dormer Cleat 1-1/4 x 3 x 12-3/4"

Hardware


4 x S11 #8 x 2" Wood Screw

Step 46: Attach Sky Gable

A: Attach 2 Yellow Sky Gables to the inside of the (2617) Roof Supports on each side of the second Large Roof Assembly with 4 (S5) #8 x 1/2" Pan Screws per gable. This Large Roof Assembly will be installed on the Small Fort. (fig. 46.1 and 46.2)



Hardware

8 x  #8 x 1/2" Pan Screw

Other Parts

2 x Sky Gable - Yellow

Step 47: Small Roof Assembly

Part 1

A: Attach 1 (2680) Roof Support to a second (2680) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. (fig. 47.1 and 47.2)

Fig. 47.1

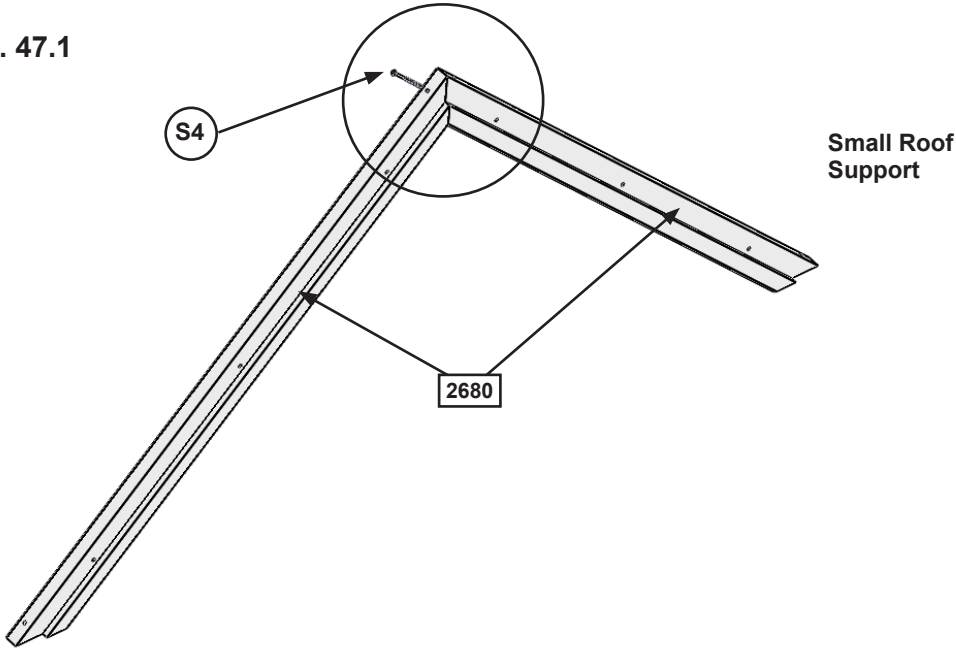
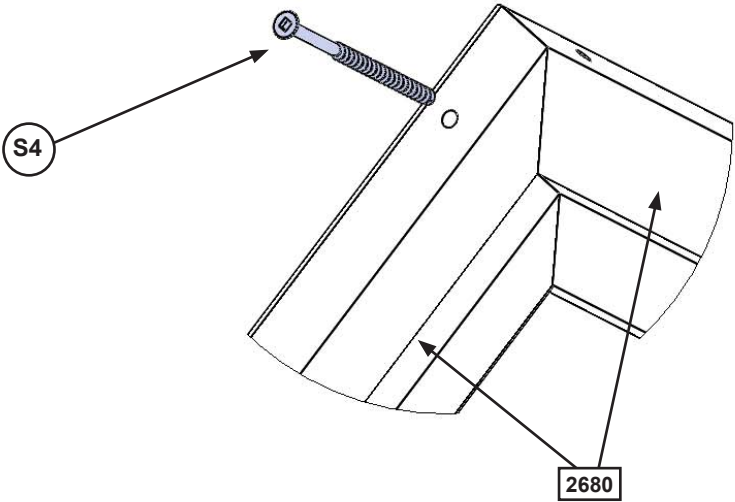


Fig. 47.2



Wood Parts

2 x 2680 Roof Support 1-1/4 x 2-1/4 x 34-1/16"

Hardware

1 x S4 #8 x 3" Wood Screw

Step 47: Small Roof Assembly Part 2

B: Place (2672) Front Small Roof against (2671) Back Small Roof 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) #8 x 7/8" Truss Screws per bracket. (fig. 47.3)

C: Place Small Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 47.3)

D: Attach 1 Door Roof Grill to the inside of the (2680) Roof Supports with 4 (S5) #8 x 1/2" Pan Screws. (fig. 47.4)

Fig. 47.3

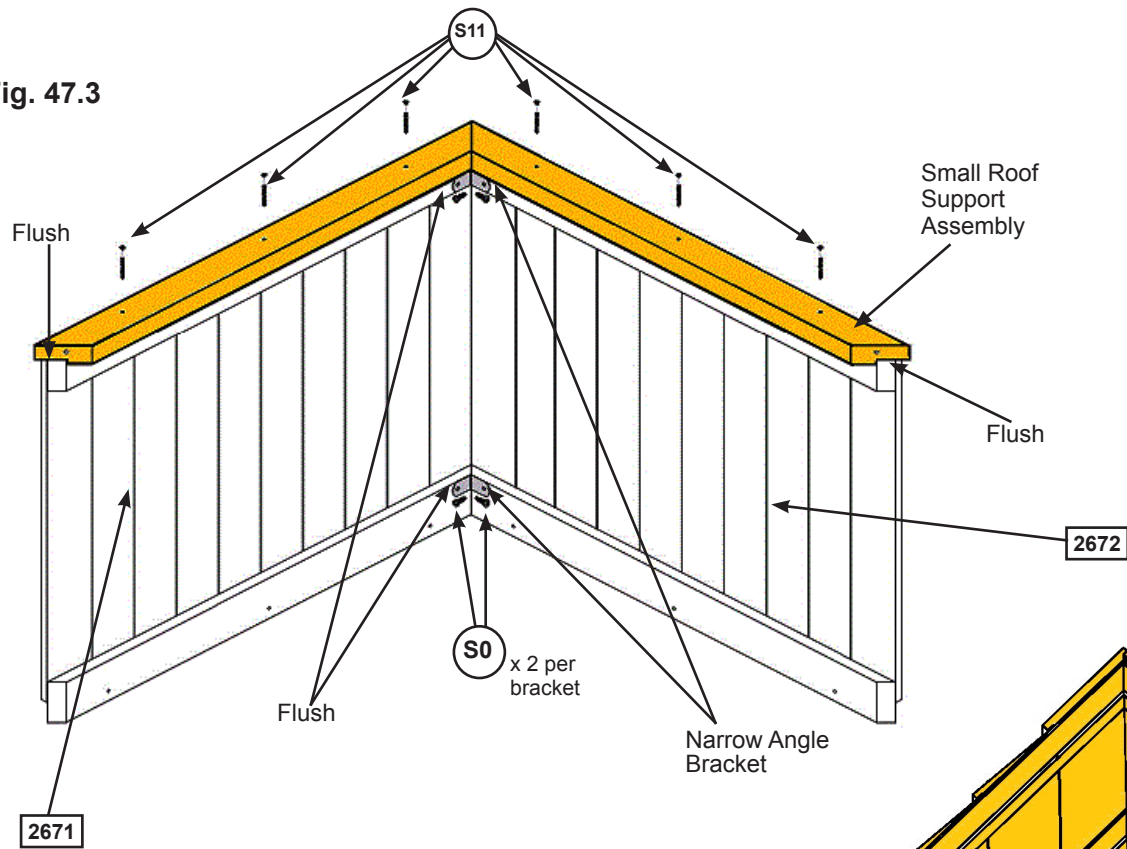
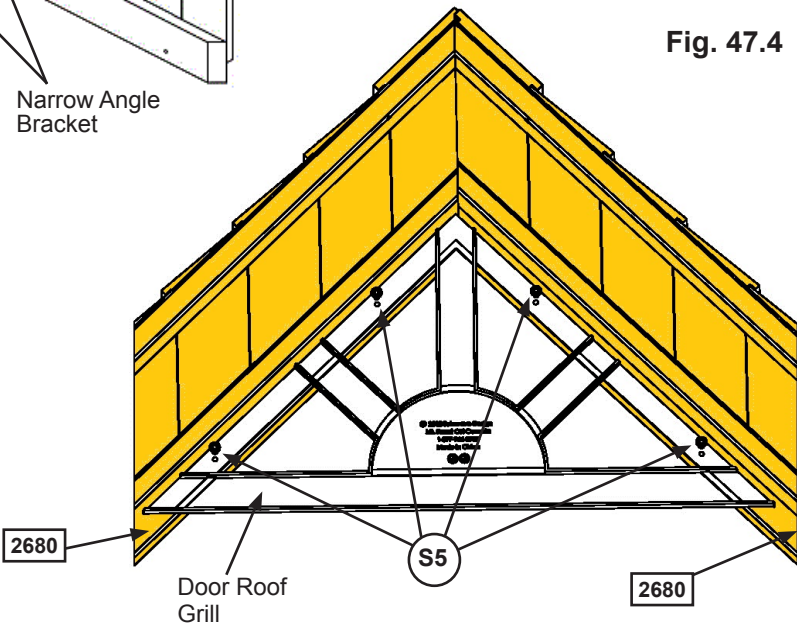


Fig. 47.4



Wood Parts

- 1 x 2672 Front Small Roof 1-1/4 x 22-9/16 x 33-5/8"
- 1 x 2671 Back Small Roof 1-1/4 x 22-9/16 x 33-3/8"

Hardware

- 6 x S11 #8 x 2" Wood Screw
- 4 x S0 #8 x 7/8" Truss Screw
- 4 x S5 #8 x 1/2" Pan Screw

Other Parts

- 2 x Narrow Angle Bracket
- 1 x Door Roof Grill

Step 48: Attach Roof Ends

Part 1 - Remove Bolts



A: On the End Wall of the Large Fort and the Front and Back Walls of the Small Fort remove the 2 outside (H9) 1/4 x 1-1/4" Hex Bolts attached at the top of the assemblies from Steps 1 and 2. Leave the T-nuts in. The Flat Washers and Lock Washers will be used in later steps. (fig. 48.1 and 48.2)

Fig. 48.1

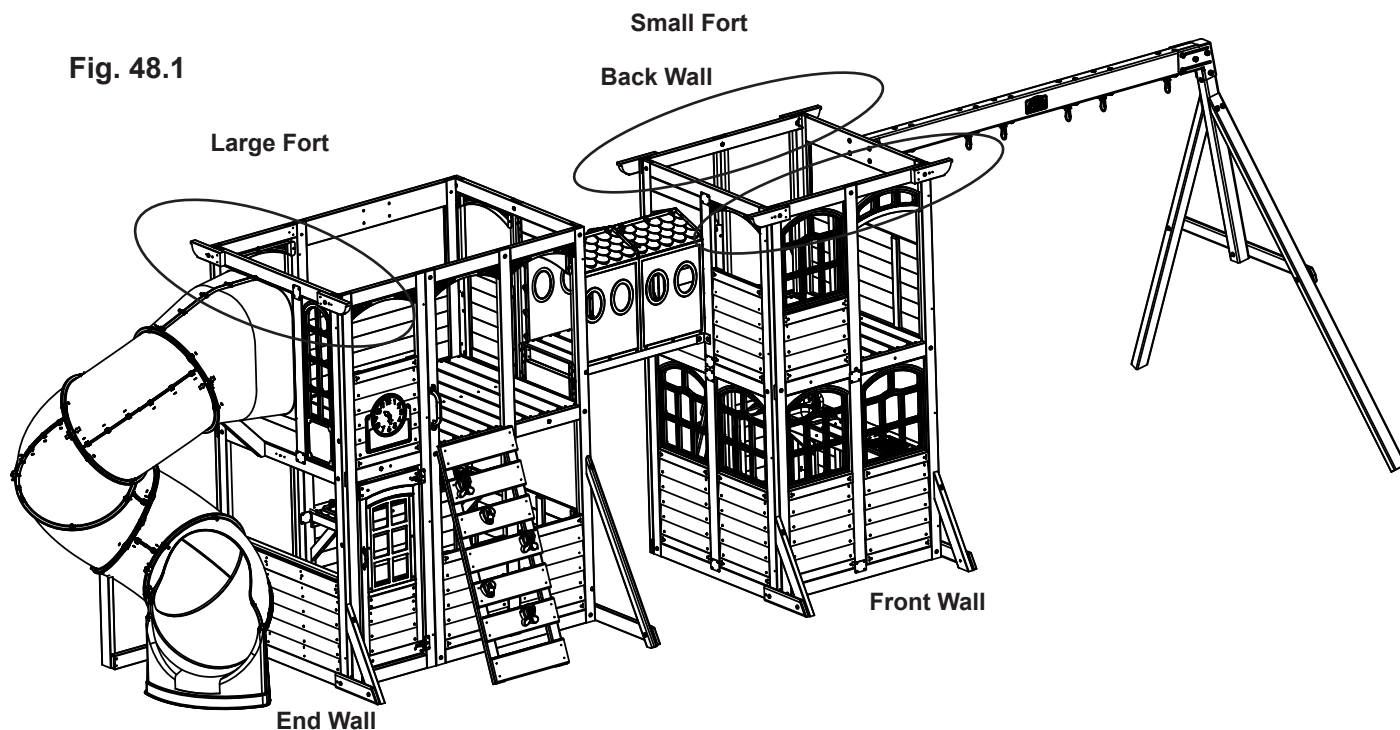
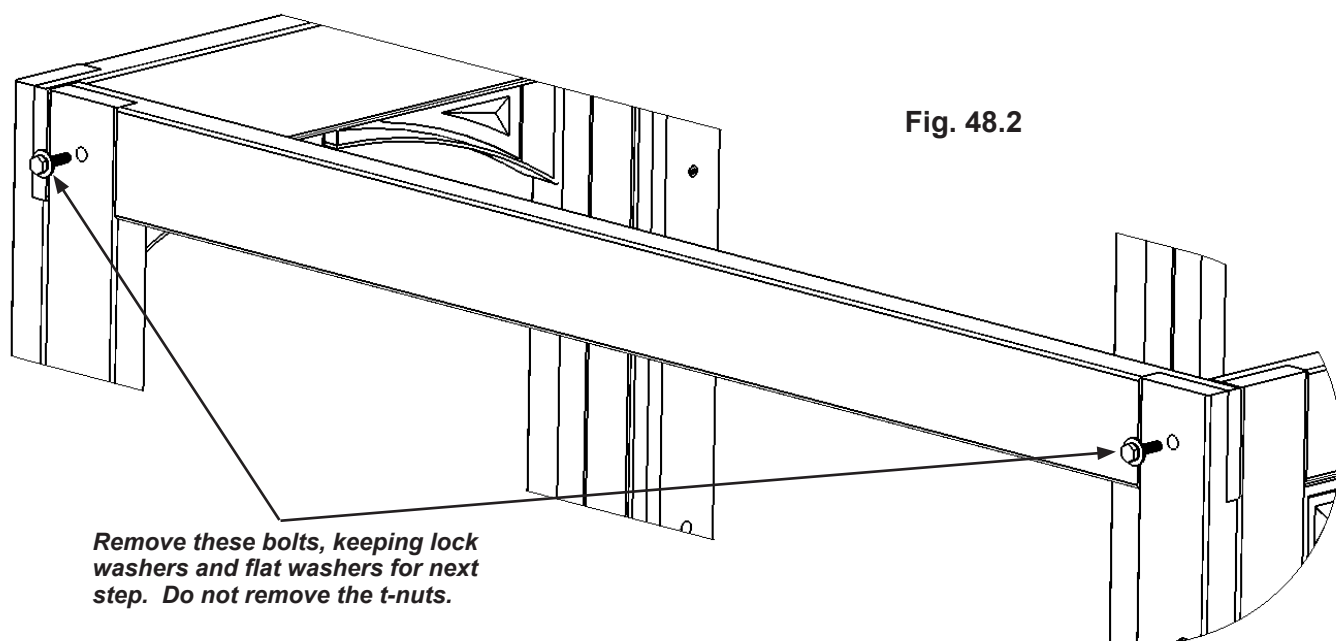


Fig. 48.2



Step 48: Attach Roof Ends

Part 2 - Small Fort Front and Back Walls



B: Loosely attach 1 (2759) Roof End to each corner of the Small Fort Front and Back Walls, flush to the top of (2775) Panel Cross Supports, with 1 (H3) 1/4 x 2-1/2" Hex Bolt per board, using the Flat Washer and Lock Washer from Step A and connecting to the T-nut. Notice which bolt holes are to be used. (fig. 48.3, 48.4 and 48.5)

Fig. 48.3

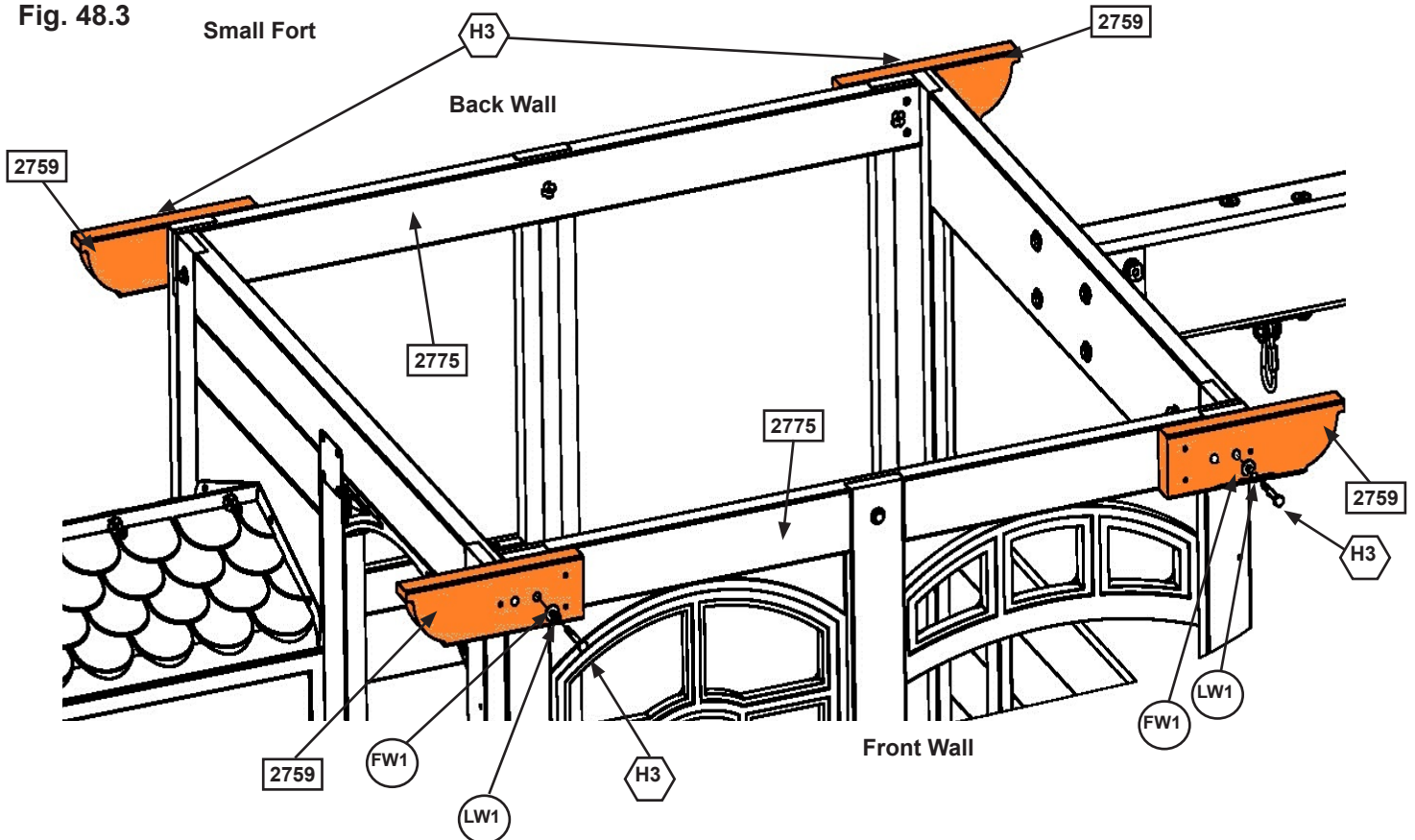


Fig. 48.4

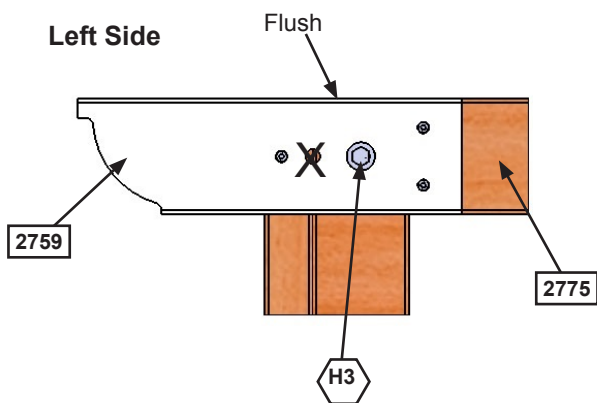
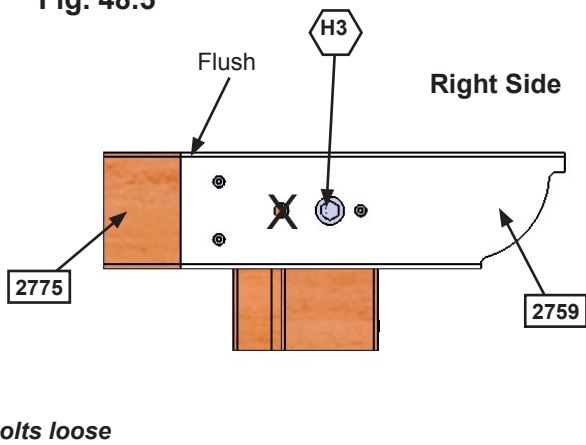


Fig. 48.5



Wood Parts

4 x 2759 Roof End 1-1/4 x 3 x 10"

Hardware

4 x H3 1/4 x 2-1/2" Hex Bolt

Step 48: Attach Roof Ends Part 3 - Large Fort End Wall



C: Loosely attach 1 (2759) Roof End to each corner of the Large Fort End Wall, flush to the top of (2769) Panel BT Frame, with 1 (H3) 1/4 x 2-1/2" Hex Bolt per board, using the (FW1) Flat Washer and (LW1) Lock Washer from Step A and connecting to the (TN1) T-nut. Notice which bolt holes are to be used. (fig. 48.6, 48.7 and 48.8)

Fig. 48.6

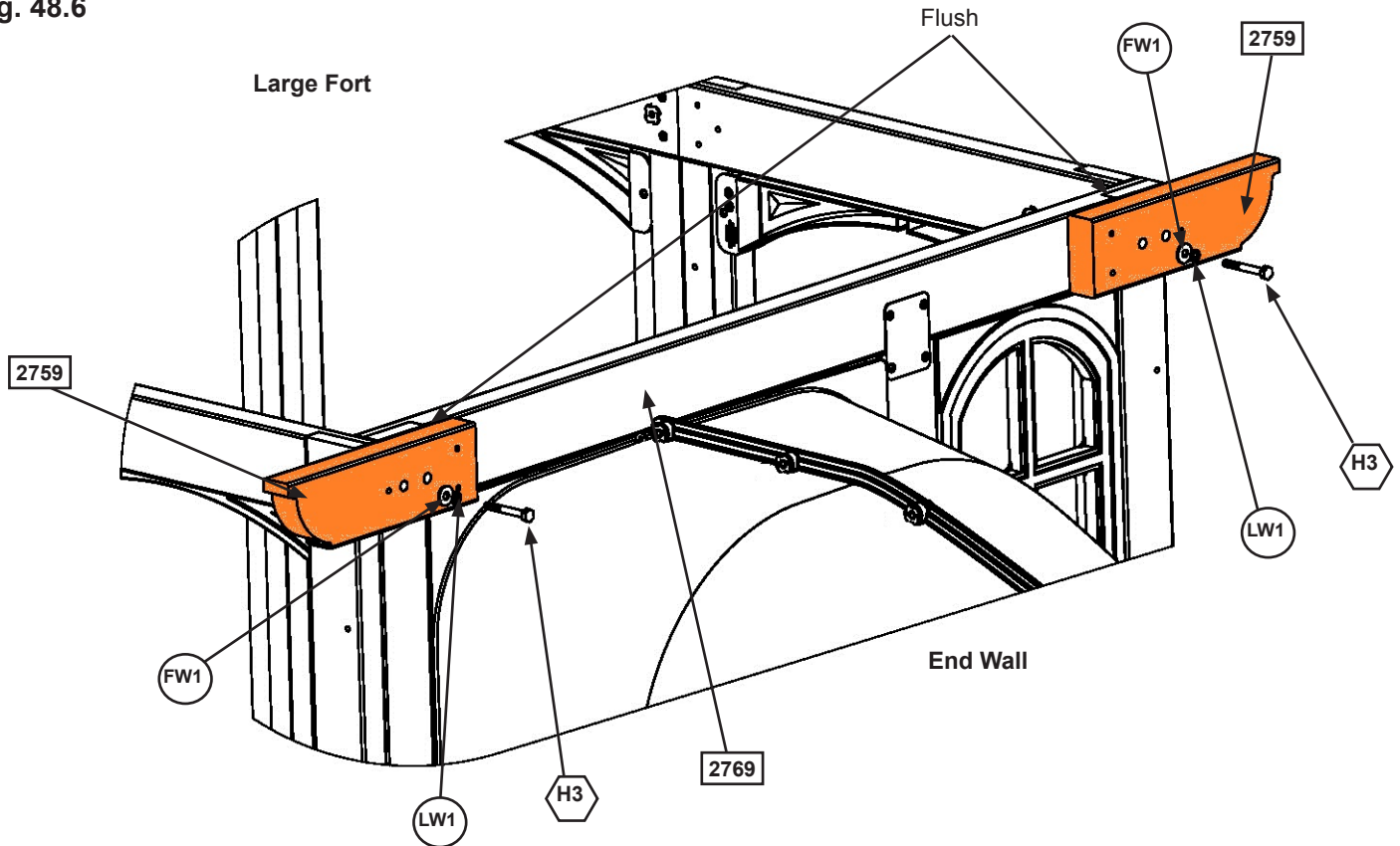


Fig. 48.7

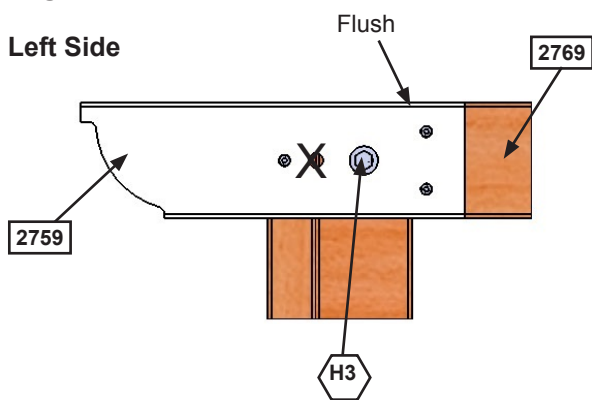
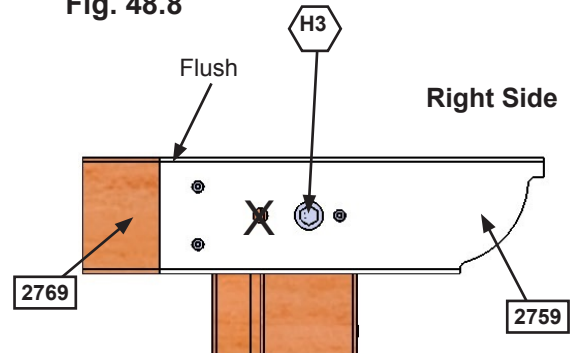


Fig. 48.8



Keep bolts loose

Wood Parts

2 x 2759 Roof End 1-1/4 x 3 x 10"

Hardware

2 x H3 1/4 x 2-1/2" Hex Bolt

Step 48: Attach Roof Ends
Part 4 - Secure all Roof Ends



D: Measure overhang so it is 4-7/8" then attach all (2759) Roof Ends with 2 (S11) #8 x 2" Wood Screws and 1 (S3) #8 x 2-1/2" Wood Screw per corner. Tighten the bolts. (fig. 48.9, 48.10 and 48.11)

Fig. 48.9
Top View

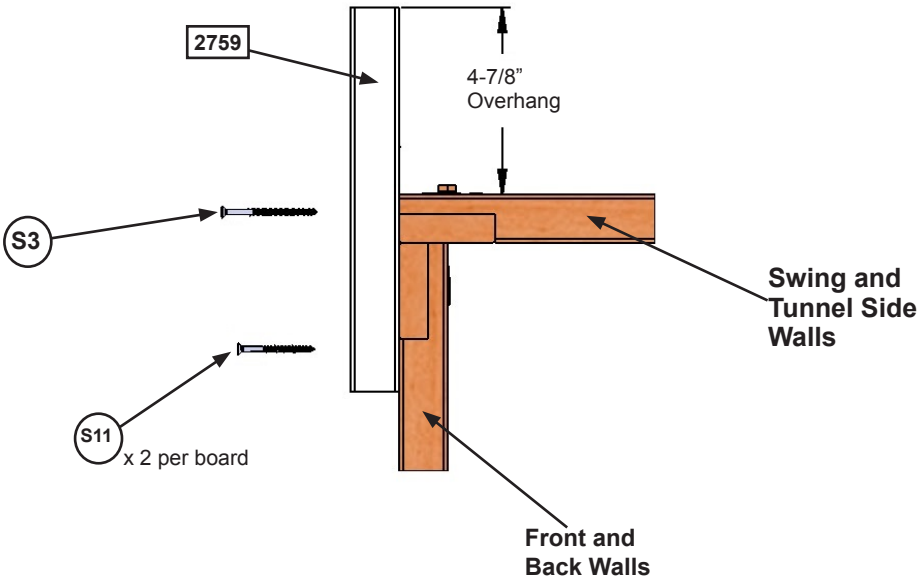


Fig. 48.10
Left Side

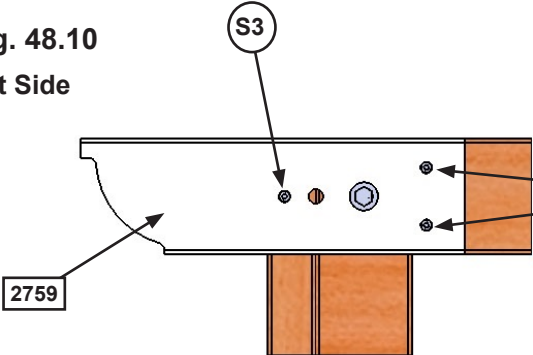
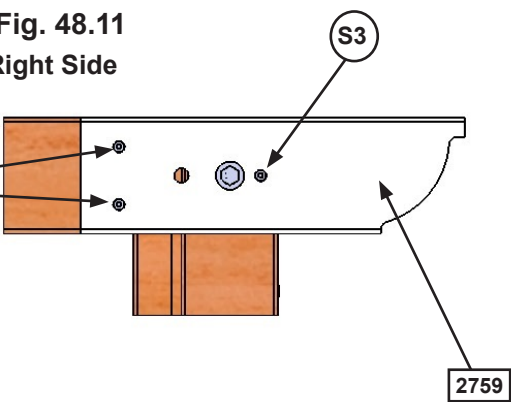


Fig. 48.11
Right Side



Hardware

- 6 x S3 #8 x 2-1/2" Wood Screw
- 12 x S11 #8 x 2" Wood Screw

Step 49: Attach Mid Roof Ends



A: On the Back Wall of the Large Fort measure 21-5/8" from (2759) Roof End and 1-1/4" down from the top of the panel, pre-drill with a 3/16" drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of the panel attach from the inside with 1 (S4) #8 x 3" Wood Screw and from the outside with 1 (S3) #8 x 2-1/2" Wood Screws. (fig. 49.1 and 49.2)

B: On the Front Wall of the Large Fort measure 21-5/8" from (2759) Roof End and 1-1/4" down from the top of the panel, pre-drill with a 3/16" drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of the panel and attach from the inside with 1 (S4) #8 x 3" Wood Screw and from the outside with 1 (S3) #8 x 2-1/2" Wood Screws. (fig. 49.1 and 49.3)

Fig. 49.1

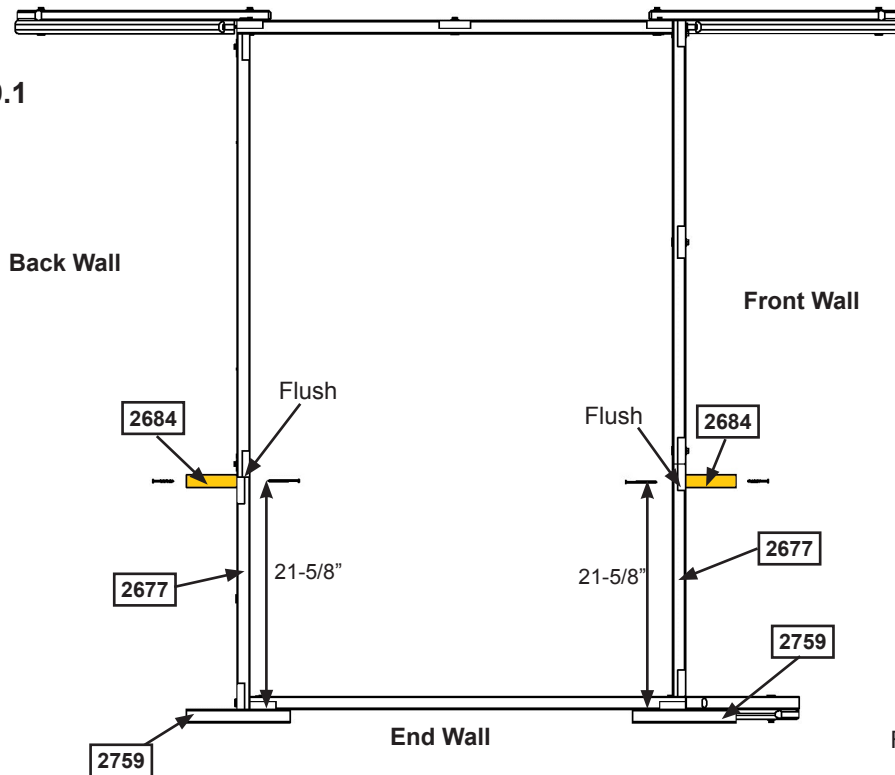
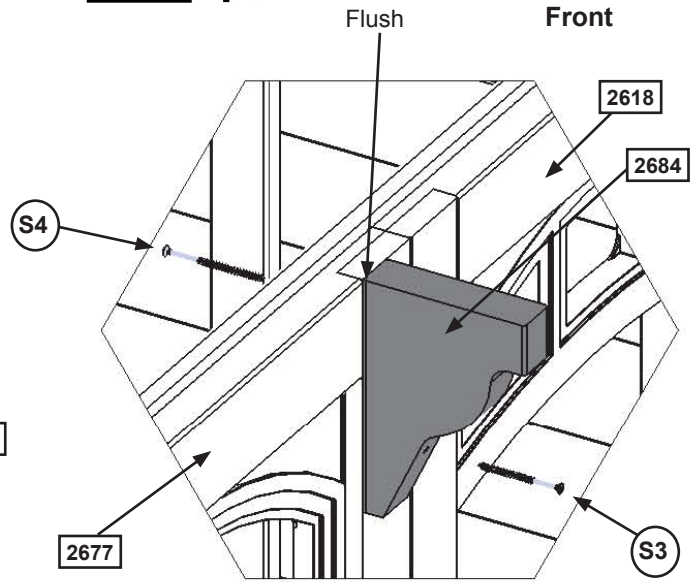
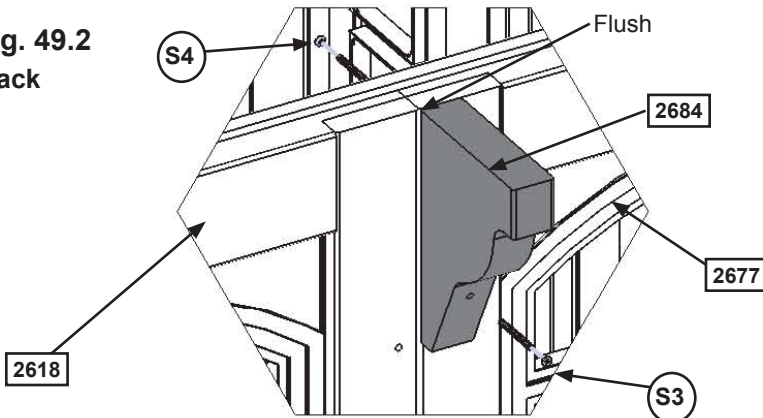


Fig. 49.3
Front

Fig. 49.2
Back



Wood Parts

2 x 2684 Mid Roof End 1-1/4 x 4-7/8 x 7"

Hardware

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

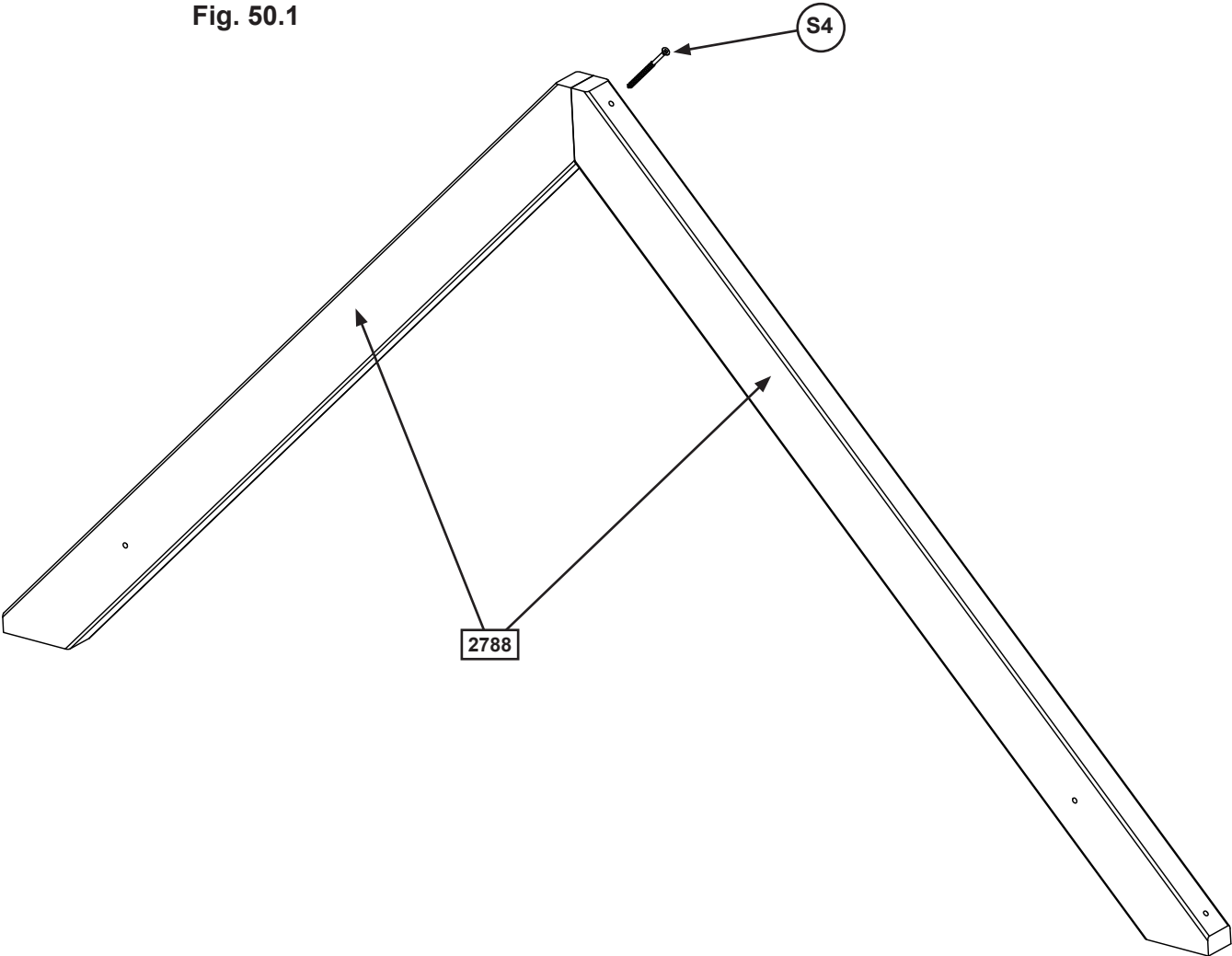
2 x S4 #8 x 3" Wood Screw

Step 50: Attach Mid Roof Supports

Part 1

A: Attach 1 (2788) Mid Roof Support to a second (2788) Mid Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. (fig. 50.1)

Fig. 50.1



Wood Parts

2 x 2788 Mid Roof Support 1-1/4 x 2-1/2 x 37-1/8"

Hardware

1 x S4 #8 x 3" Wood Screw

Step 50: Attach Mid Roof Supports Part 2

B: Place the Mid Roof Support Assembly flush to the ends of each (2684) Mid Roof End then attach with 1 (S4) #8 x 3" Wood Screw per side. (fig. 50.2 and 50.3)

Fig. 50.2

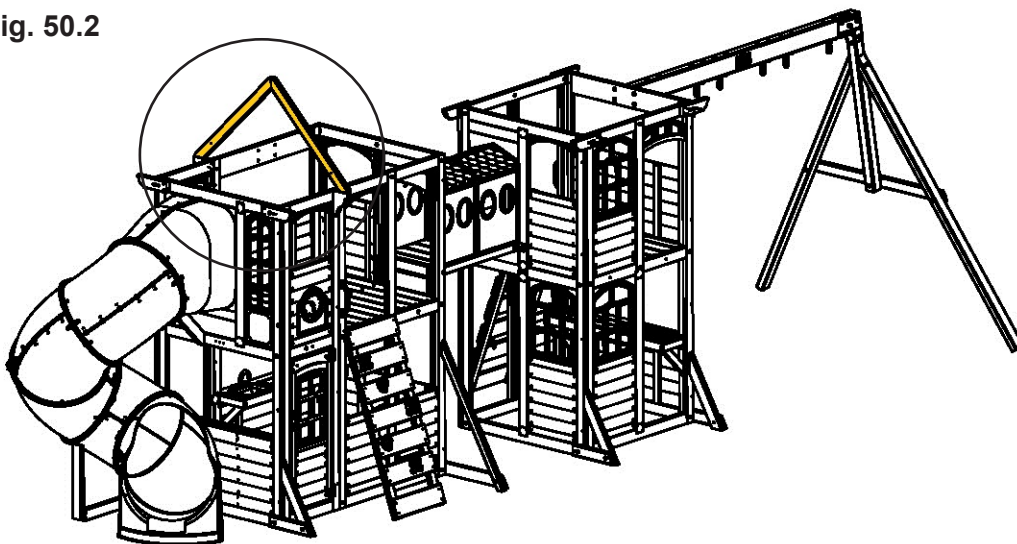
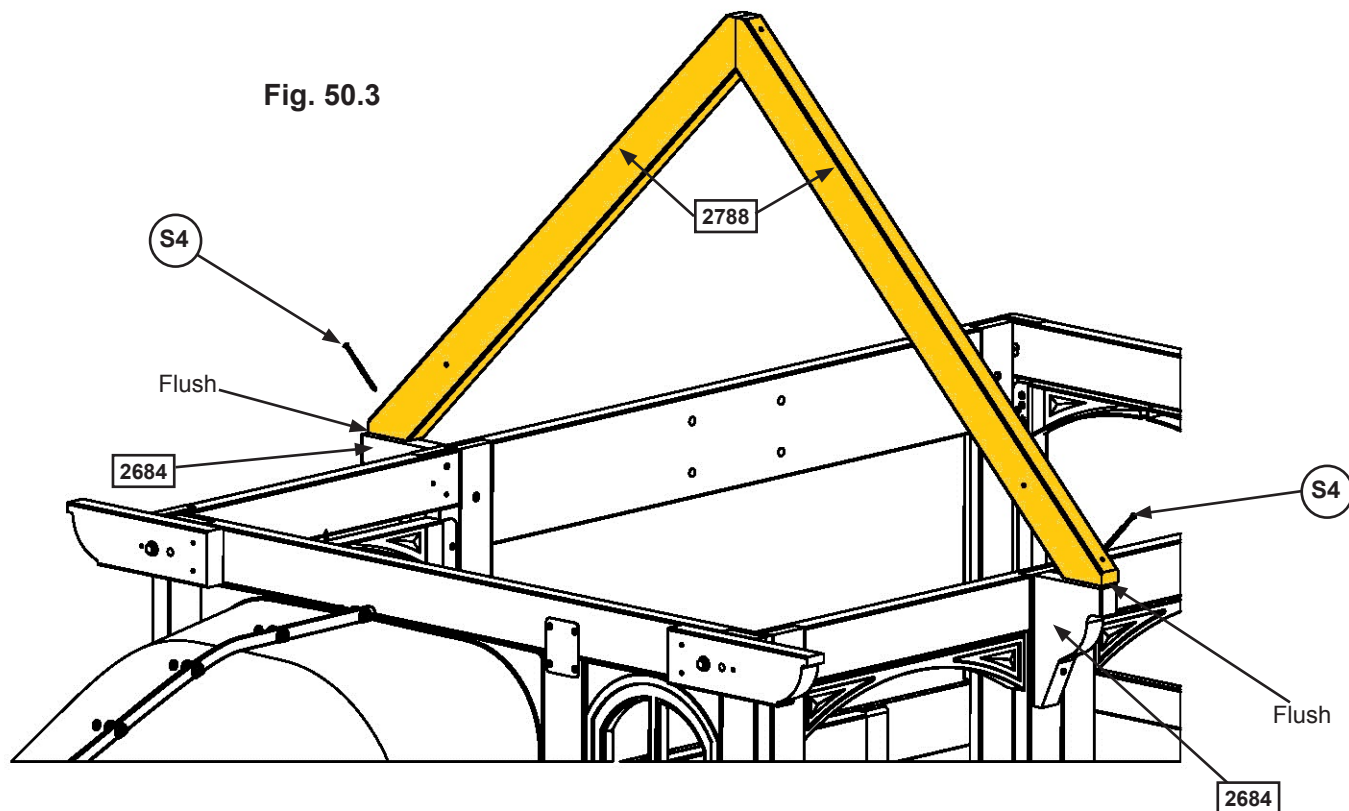


Fig. 50.3



Hardware

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

Step 51: Upper Window Installation

Part 1



A: On the Front and Back Walls of the Large Fort place 1 (2805) Wall Tie tight to the top of the floor boards and (2788) Mid Roof Supports then attach with 3 (S11) #8 x 2" Wood Screws per board. (fig. 51.1, 51.2 and 51.3)

Fig. 51.1

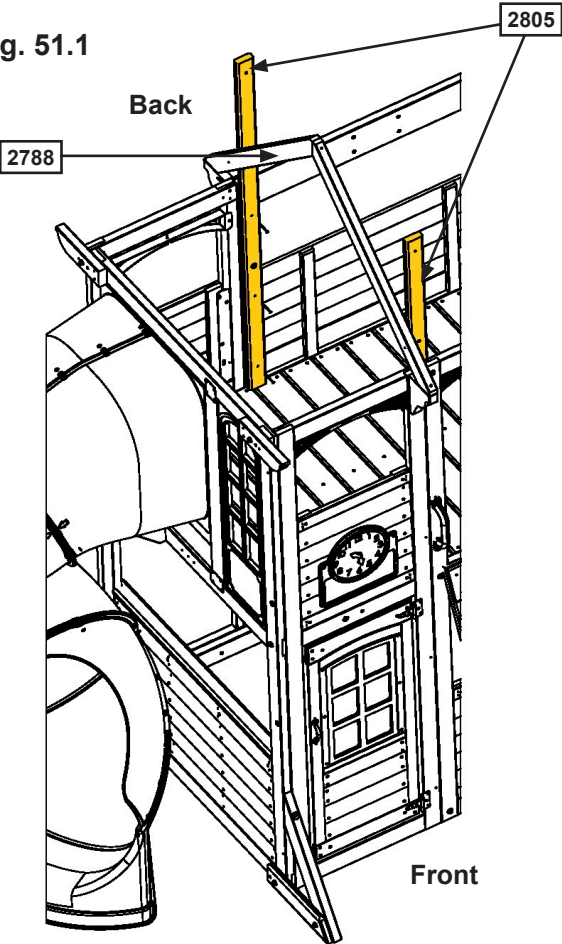


Fig. 51.2
Inside View

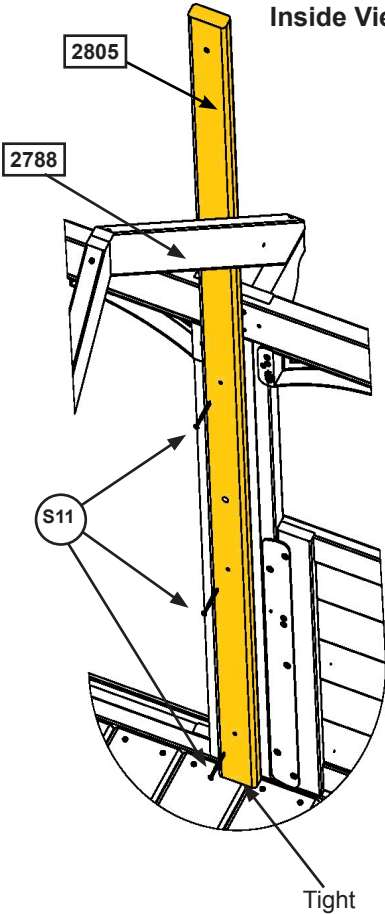
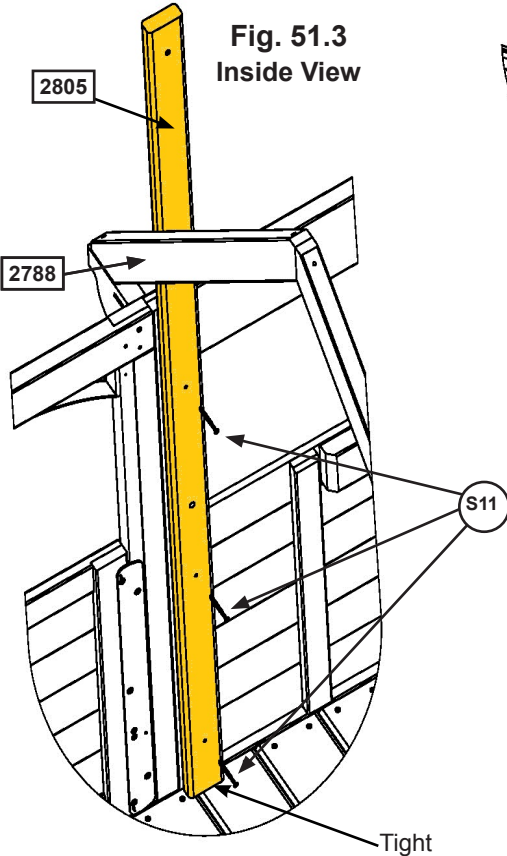


Fig. 51.3
Inside View



Wood Parts

2 x 2805 Wall Tie 5/4 x 3 x 62-1/2"

Hardware

6x S11 #8 x 2" Wood Screw

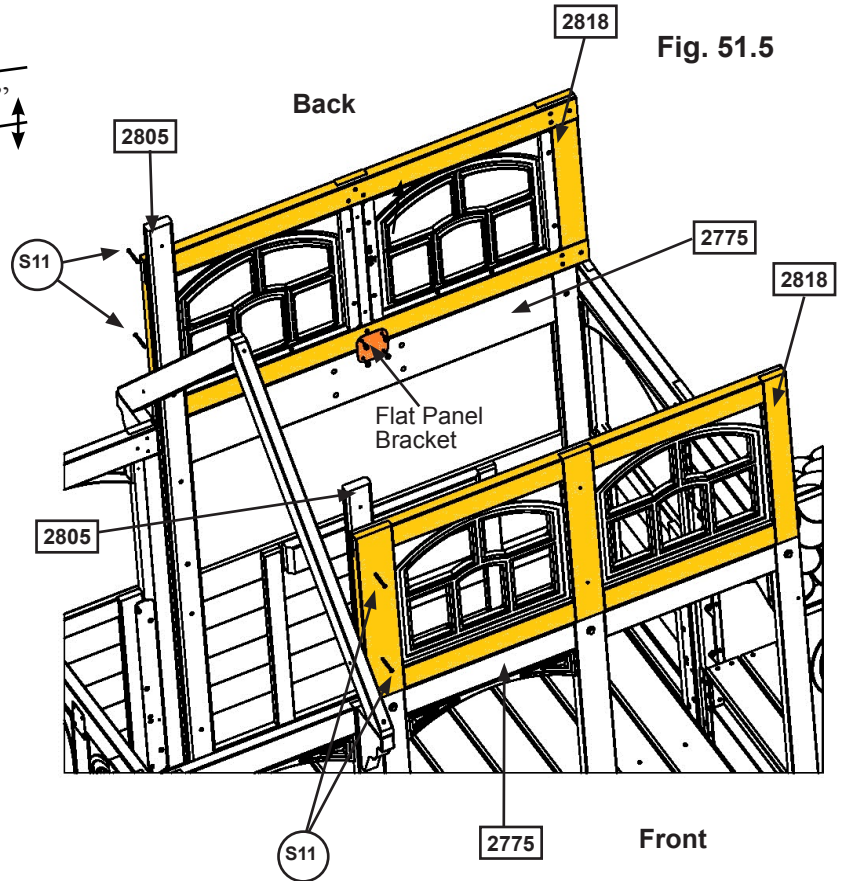
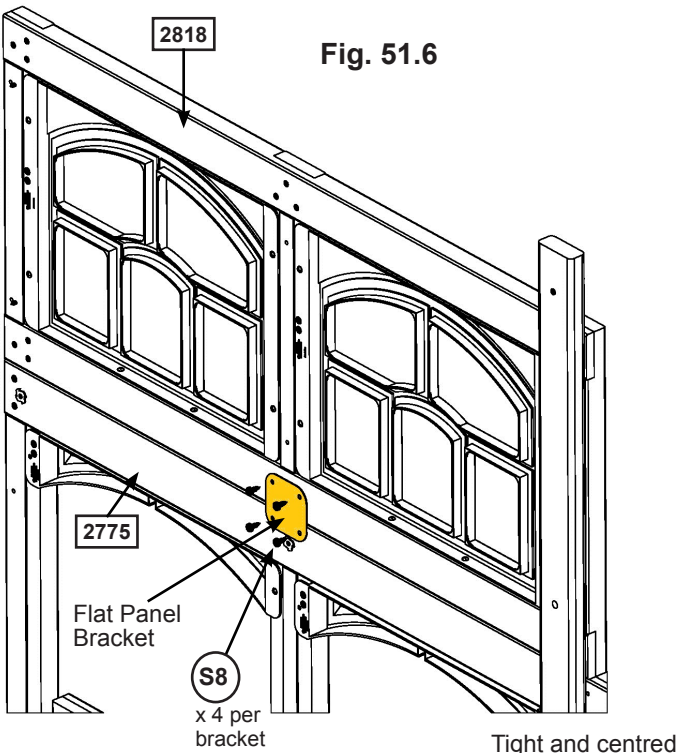
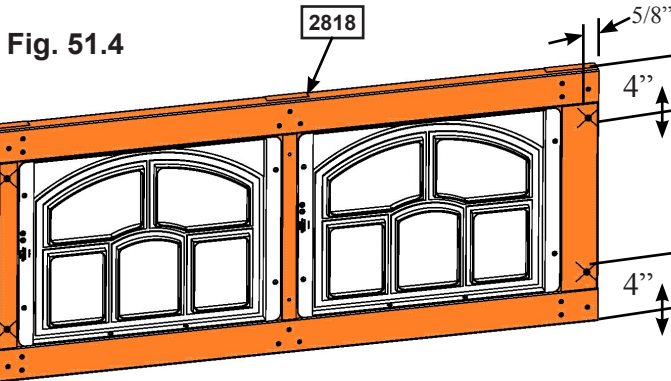
Step 51: Upper Window Installation Part 2



B: Measure 4" from the top and bottom of (2818) Transom Window and 5/8" inside from the end then pre-drill with 1/8" drill bit through each (2818) Transom Window. **Repeat for opposite side.** (fig. 51.4)

C: Tight to the top of each (2775) Panel Cross Support and flush to the outside edge of each (2683) Wall Tie place 1 (2818) Transom Window on each panel and from the outside attach with 2 (S11) #8 x 2" Wood Screws per transom. (fig. 51.5 and 51.6)

D: At the bottom centre of each (2818) Transom Window place Flat Panel Bracket and attach to each (2775) Panel Cross Support with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 51.5 and 51.6)



Wood Parts

2 x 2818 Transom Window 1-1/4 x 19 x 43"

Hardware

4 x S11 #8 x 2" Wood Screw
8 x S8 #12 x 3/4" Pan Screw

Other Parts

2 x Flat Panel Bracket

Step 51: Upper Window Installation Part 3

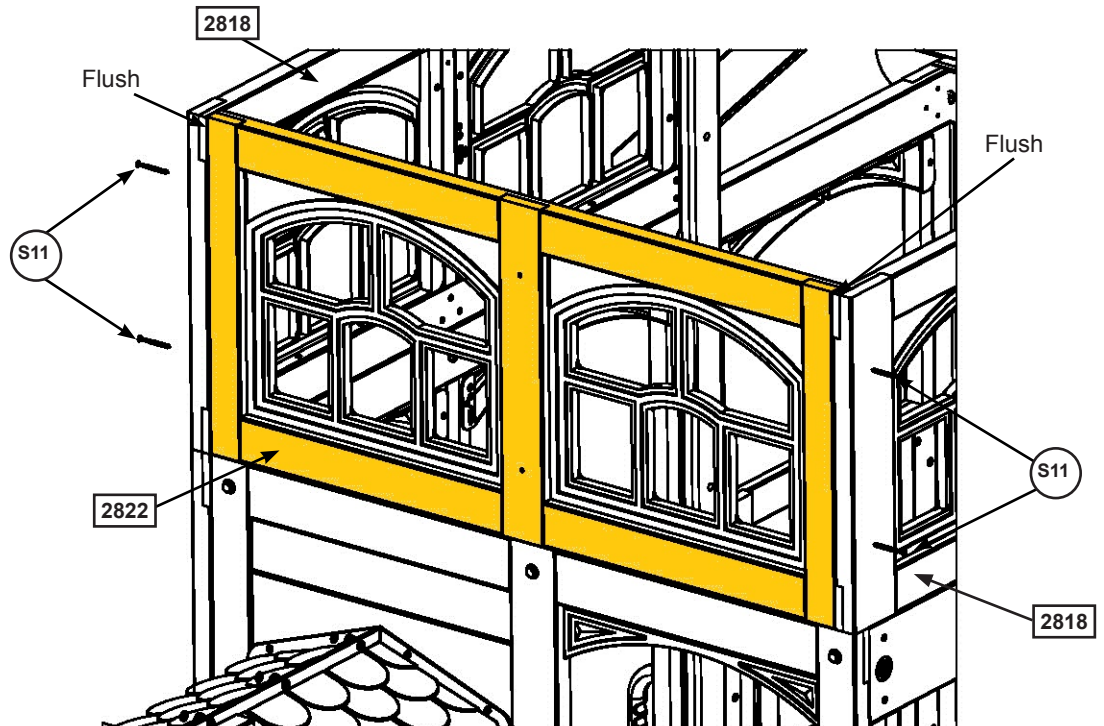


E: Attach (2822) Transom Window White flush to the top and outside edges of (2818) Transom Windows using 2 (S11) #8 x 2" Wood Screws per panel. (fig. 51.7)

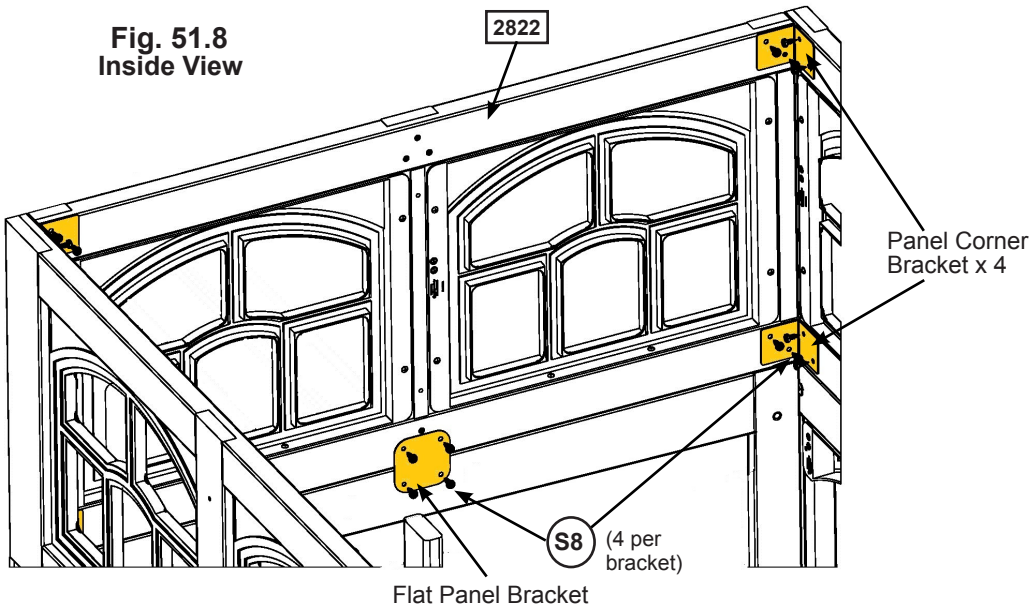
F: At the bottom centre of (2822) Transom Window White and attach to panel using 1 Flat Panel Bracket with 4 (S8) #12 x 3/4" Pan Screws (fig. 51.8)

G: At the corners of the Transom Windows attach 4 Panel Corner Brackets with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 51.8)

Fig. 51.7



**Fig. 51.8
Inside View**



Wood Parts

1 x 2822 Transom Window White 1-1/4 x 19 x 40-3/4"

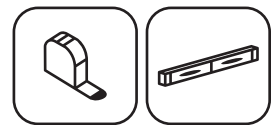
Hardware

4 x S11 #8 x 2" Wood Screw
20 x S8 #12 x 3/4" Pan Screw

Other Parts

1 x Flat Panel Bracket
4 x Panel Corner Bracket

Step 52: Attach Long Roof Ends



A: Place 1 (2793) Long Roof End tight to each (2788) Mid Roof Support and flush to the top of each (2818) Transom Window. Make sure (2793) Long Roof End is level and the overhang at each end measures 4-7/8", then attach to (2788) Mid Roof Supports with 1 (S3) #8 x 2-1/2" Wood Screw and 1 (S4) #8 x 3" Wood Screw per support and to each (2818) Transom Window using 2 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 52.1)

B: Fasten (2788) Mid Roof Support to both (2818) Transom Windows using 1 (S3) #8 x 2-1/2" Wood Screw per side. (fig. 52.2)

Fig. 52.1

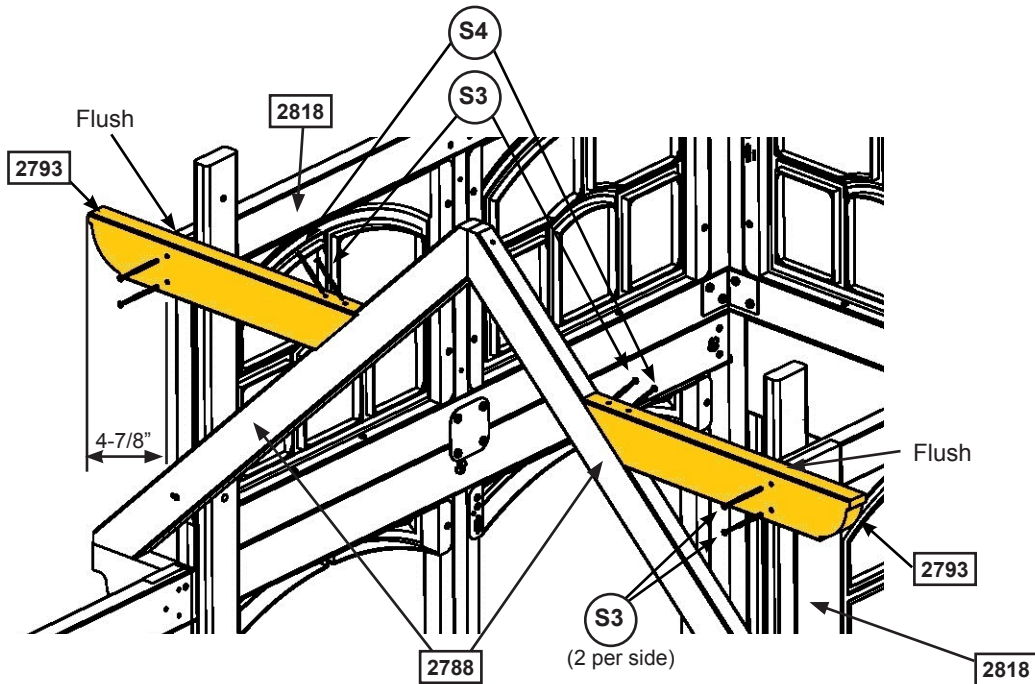
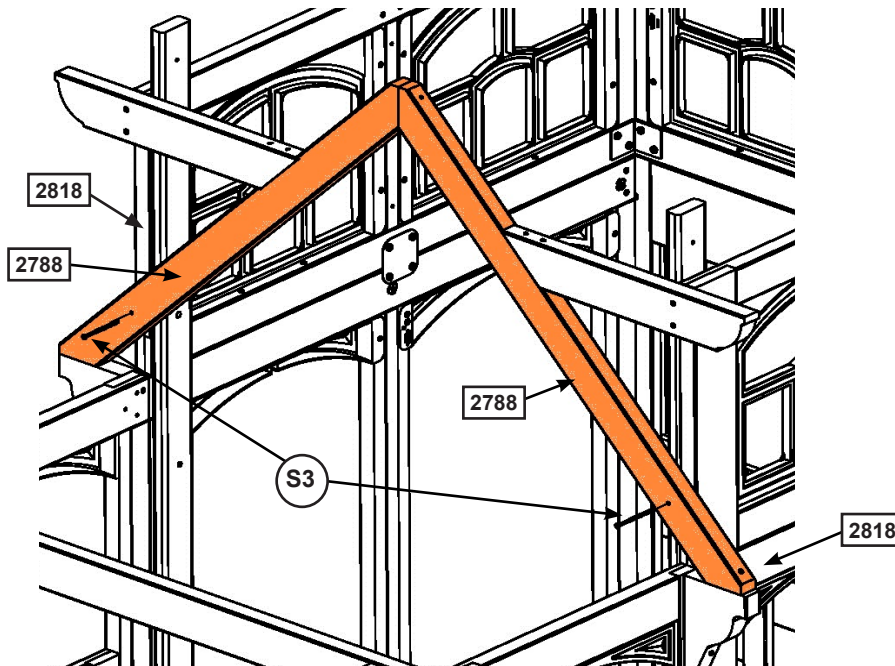


Fig. 52.2



Wood Parts

2 x 2793 Long Roof End 1-1/4 x 3 x 18-3/4"

Hardware

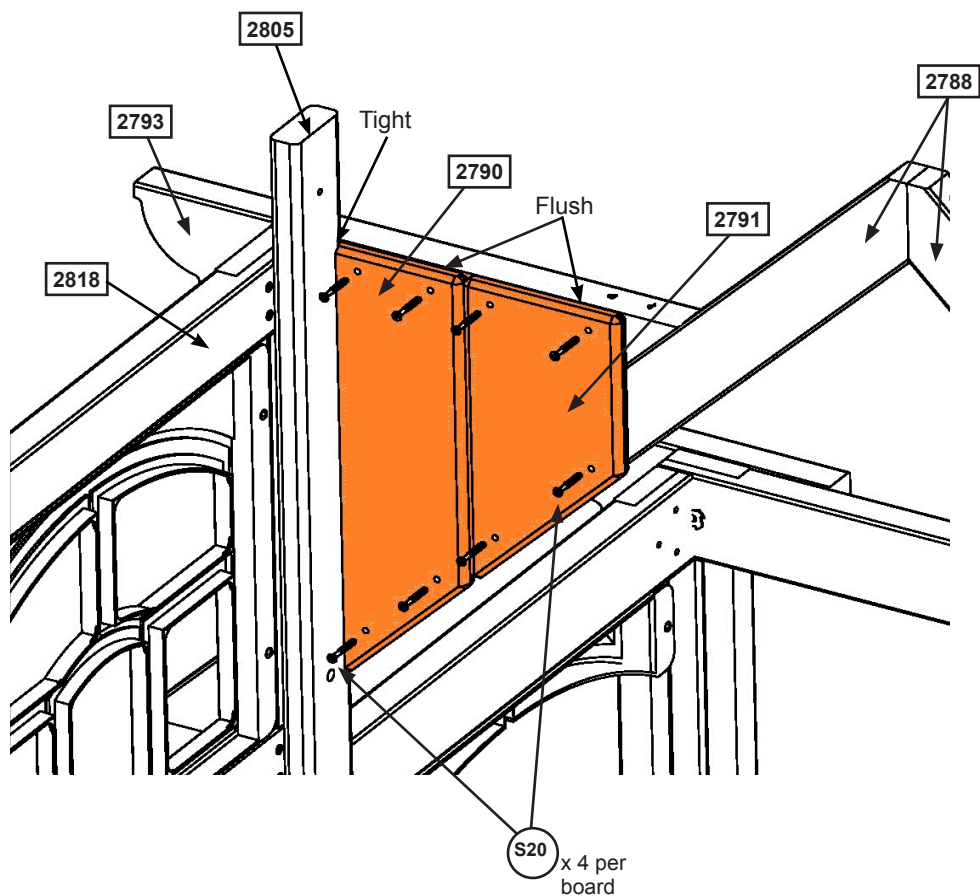
8 x S3 #8 x 2-1/2" Wood Screw

2 x S4 #8 x 3" Wood Screw

Step 53: Attach Transom Boards

- A:** Tight to (2805) Wall Tie and flush to the top of (2793) Long Roof End attach 1 (2790) Transom Board A to (2788) Mid Roof Support and (2793) Long Roof End with 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 53.1)
- B:** Tight to (2790) Transom Board A and flush to the top of (2793) Long Roof End attach 1 (2791) Transom Board B to (2788) Mid Roof Support and (2793) Long Roof End with 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 53.1)
- C:** Repeat Steps A and B for other side.

Fig. 53.1
Inside View



Wood Parts

- 2 x 2790 Transom Board A 1 x 5 x 15-1/2"
- 2 x 2791 Transom Board B 1 x 6 x 11"

Hardware

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

Step 54: Attach Small Roof Assembly to Fort



A: With 2 people on the ground and at least 1 person in the fort, lift Small Roof Assembly up and over the Back side of the fort. Guide the Small Roof Assembly onto the fort so it slides under the Mid Roof Support Assembly and the (2788) Mid Roof Supports sit tight to the siding on the Small Roof Assembly. The front of the Small Roof Assembly should be flush to the front of each (2759) Roof End. (fig. 54.1 and 54.2)

B: Attach Small Roof Assembly to Mid Roof Support Assembly from inside with 3 (S20) #8 x 1-3/8" Wood Screws per side. Screws to go into (2788) Mid Roof Supports. (fig. 54.1)

C: Measure 2-1/4" in from Roof Ends and attach Small Roof Assembly to the (2759) Roof End with 1 (S3) #8 x 2-1/2" Wood Screw per side. (fig. 54.2 and 54.3)

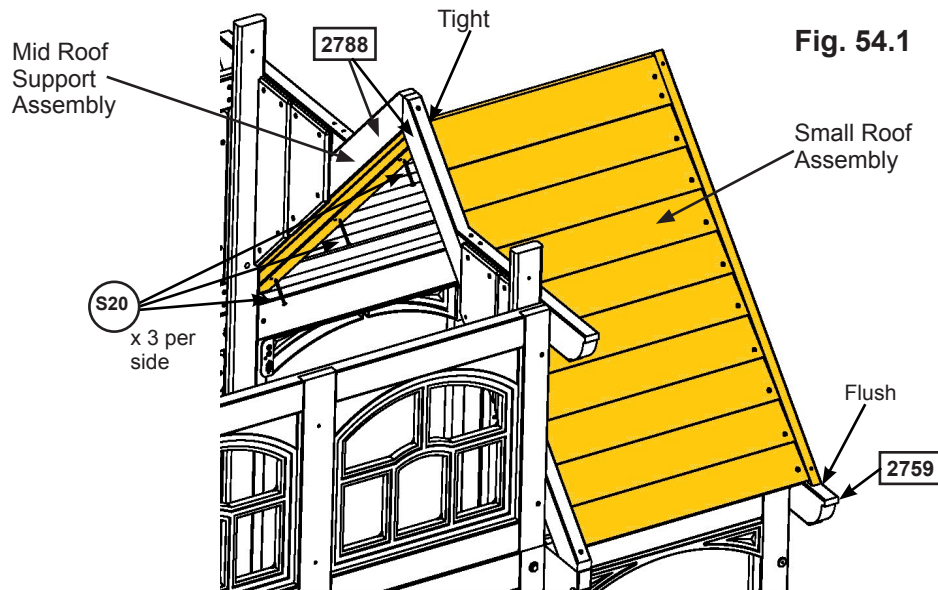


Fig. 54.1

Fig. 54.3

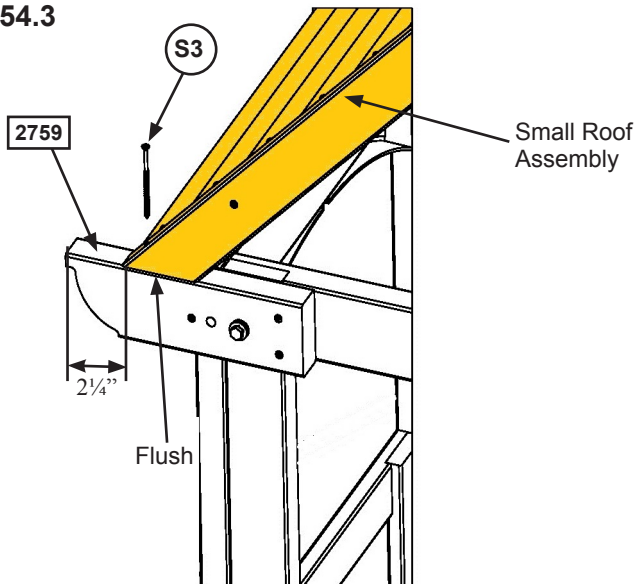
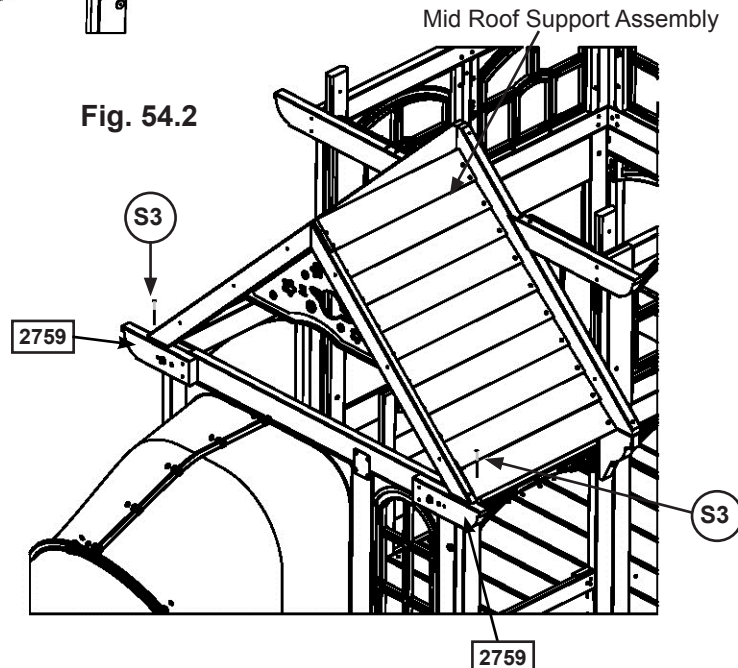


Fig. 54.2

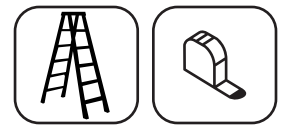


Hardware

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

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

Step 55: Attach End Roof



A: On each end of (2822) Transom Window White place 1 (2816) End Roof flush to the top of the panel and each side overhangs (2818) Transom Windows by 4-7/8" then attach to each (2818) Transom Window with 1 (S3) #8 x 2-1/2" Wood Screw per board. (fig. 55.1 and 55.2)

B: Fasten both (2816) End Roofs to (2822) Transom Window White using 2 (S11) #8 x 2" Wood Screws and per board. (fig. 55.1 and 55.2)

Fig. 55.1

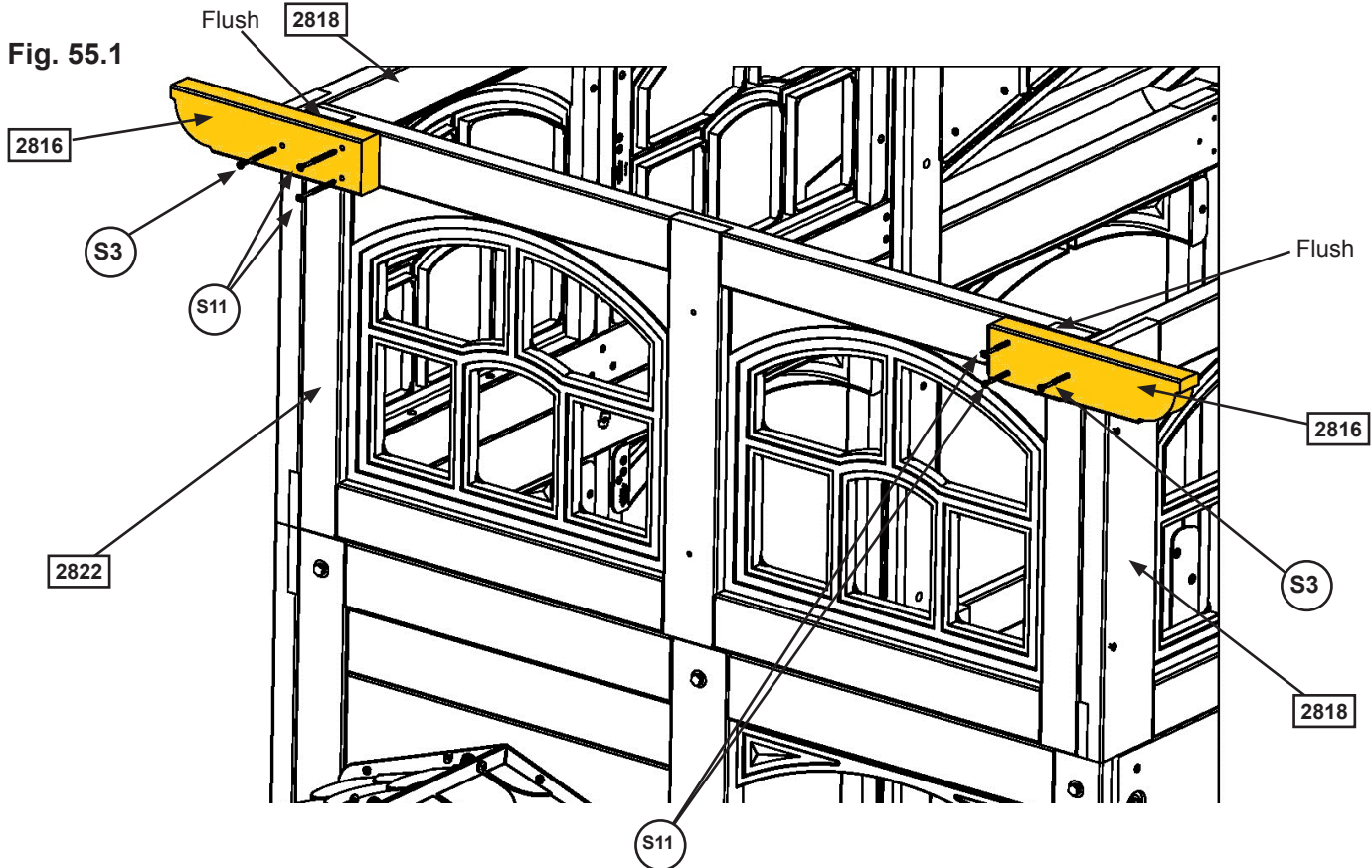
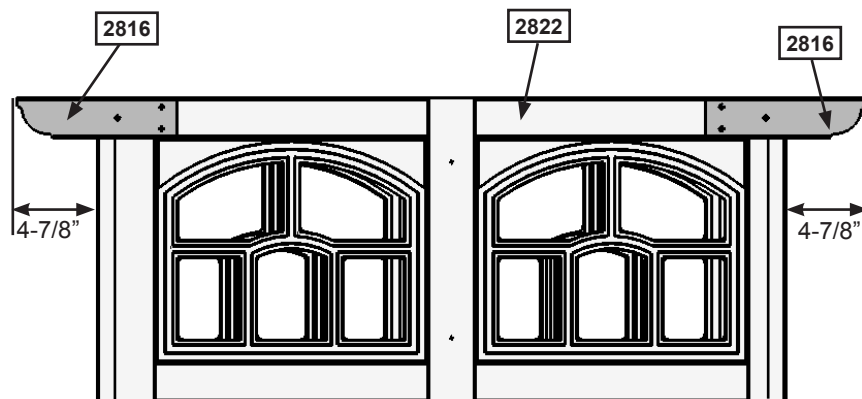


Fig. 55.2



Wood Parts

2 x (2816) End Roof 1-1/4 x 2-1/2 x 10"

Hardware

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

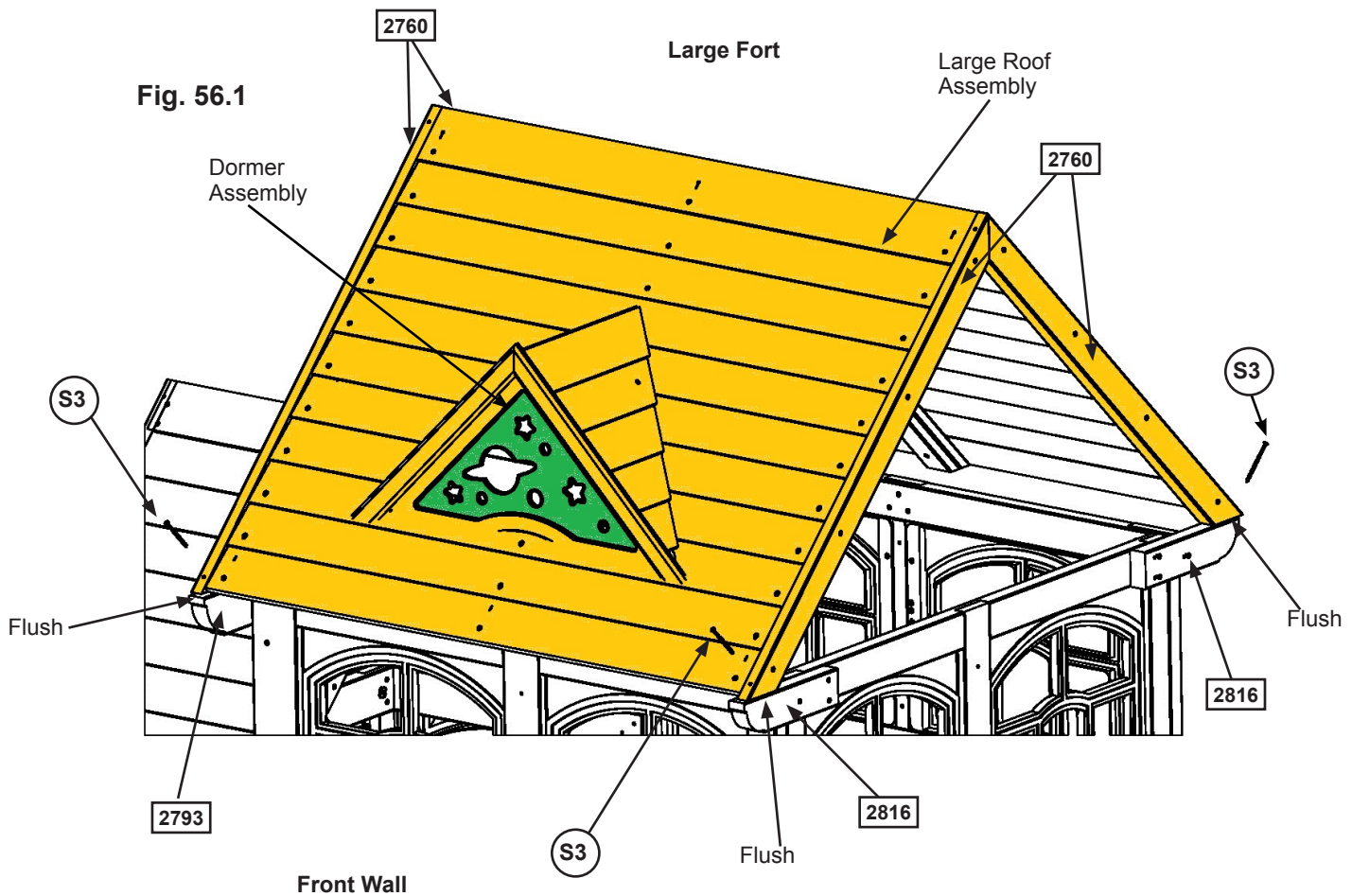
4 x (S11) #8 x 2" Wood Screw

Step 56: Attach Roof Assembly to Large Fort



A: With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly with Gable Dormer up and over the Back side of the Large Fort with the Dormer Assembly facing the front. Guide the Large Roof Assembly onto the fort so that all four (2760) Roof Supports sit flush to the front and outside edges of each (2816) End Roof and (2793) Long Roof End. (fig. 56.1)

B: Attach (2760) Roof Supports to each (2816) End Roof and (2793) Long Roof End with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 56.1)



Hardware

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

Step 57: Attach Peak Detail

A: On each side of the Large Roof Assembly attach 1 Peak Detail to the inside of the (2760) Roof Supports with 8 (S8) #12 x 3/4" Pan Screws (1/4" Flat Washers) per Peak Detail. (fig. 57.1 and 57.2)

Fig. 57.1

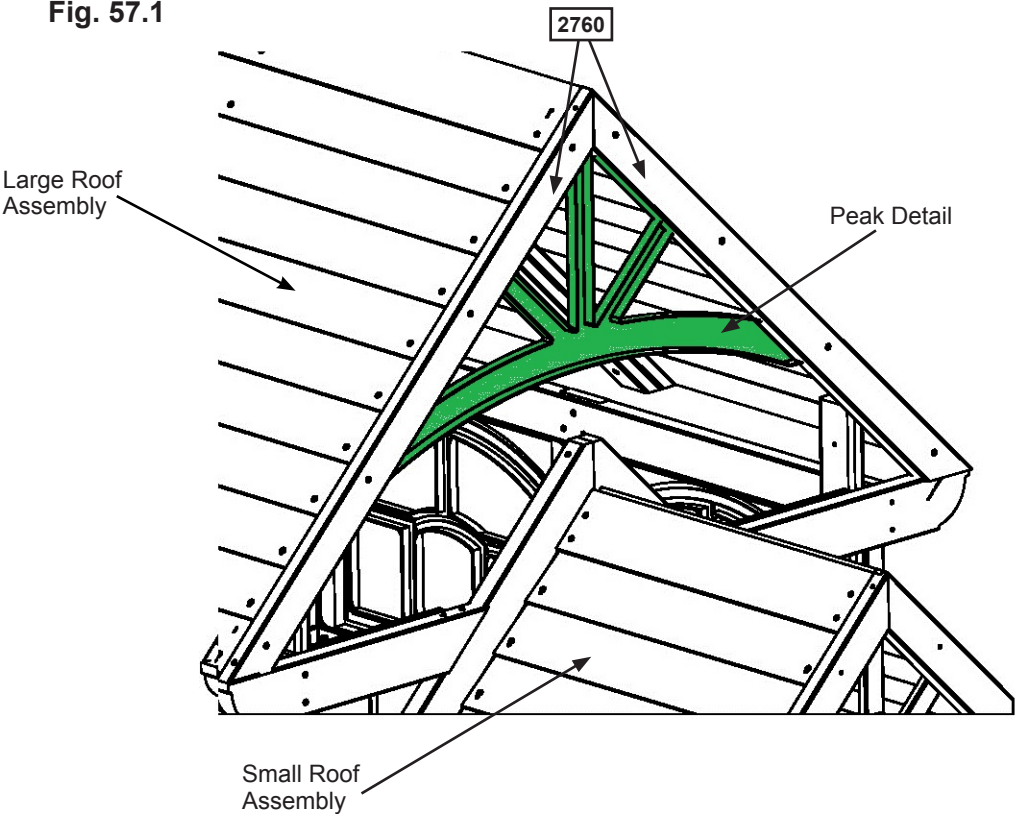
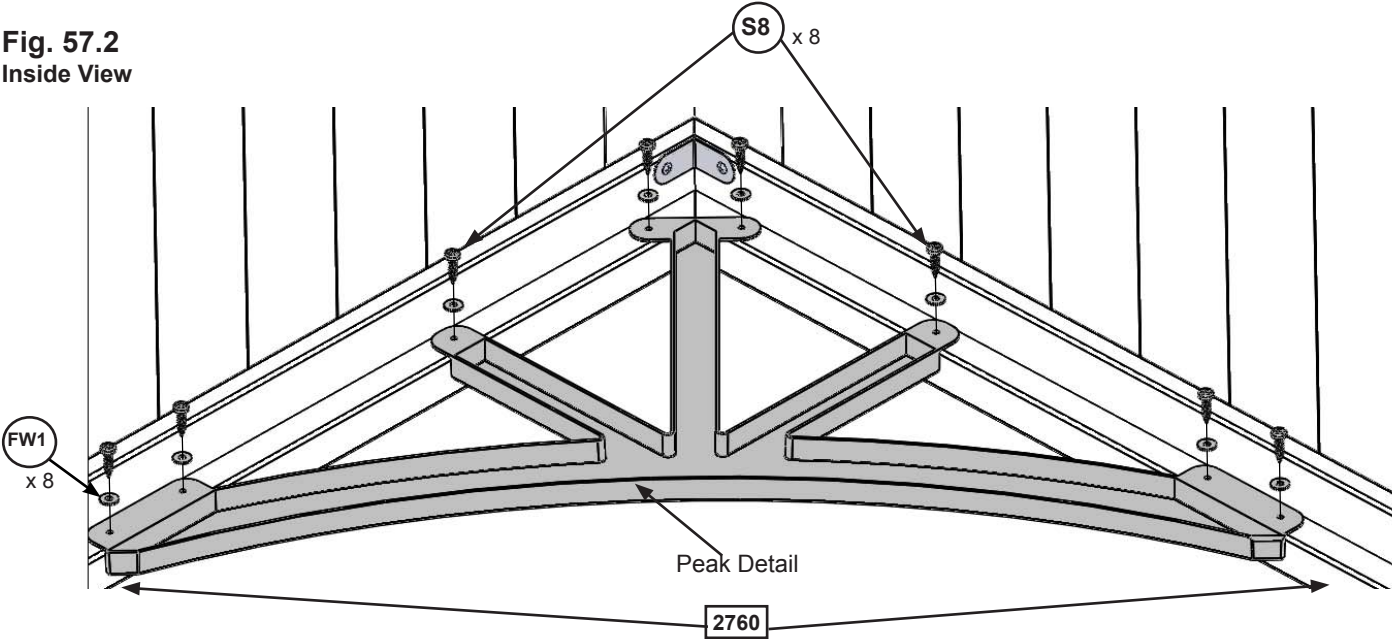


Fig. 57.2
Inside View



Hardware

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

Other Parts

2 x Peak Detail

Step 58: Secure Large Roof Assembly to Fort



A: Pre-drill with a 1/8" drill bit then attach each (2805) Wall Tie to the roof rafters of the Large Roof Assembly with 1 Spiral Wave Bracket and 3 (S8) #12 x 3/4" Pan Screws per side. (fig. 58.1 and 58.2)

Fig. 58.1

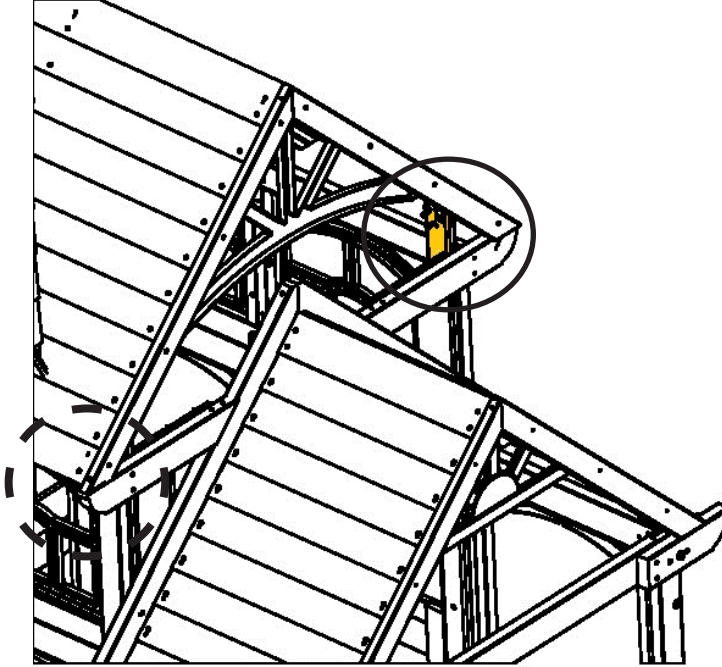
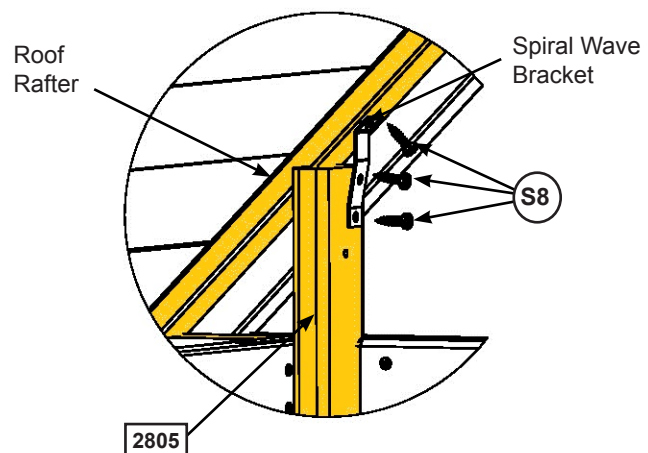



Fig. 58.2
Inside View



Hardware

6 x  #12 x 3/4" Pan Screw

Other Parts

2 x Spiral Wave Bracket

Step 59: Attach Small Roof Assembly to Fort



A: With 2 people on the ground and at least 1 person in the Small Fort, lift the Large Roof Assembly up and over the Back Wall. Guide the Roof Assembly onto the fort so all four (2760) Roof Supports sit flush to the front and outside edges of (2759) Roof Ends. The Sky Gable faces the front. (fig. 59.1 and 59.2)

B: Attach (2760) Roof Supports to (2759) Roof Ends with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 59.1 and 59.2)

Fig. 59.1

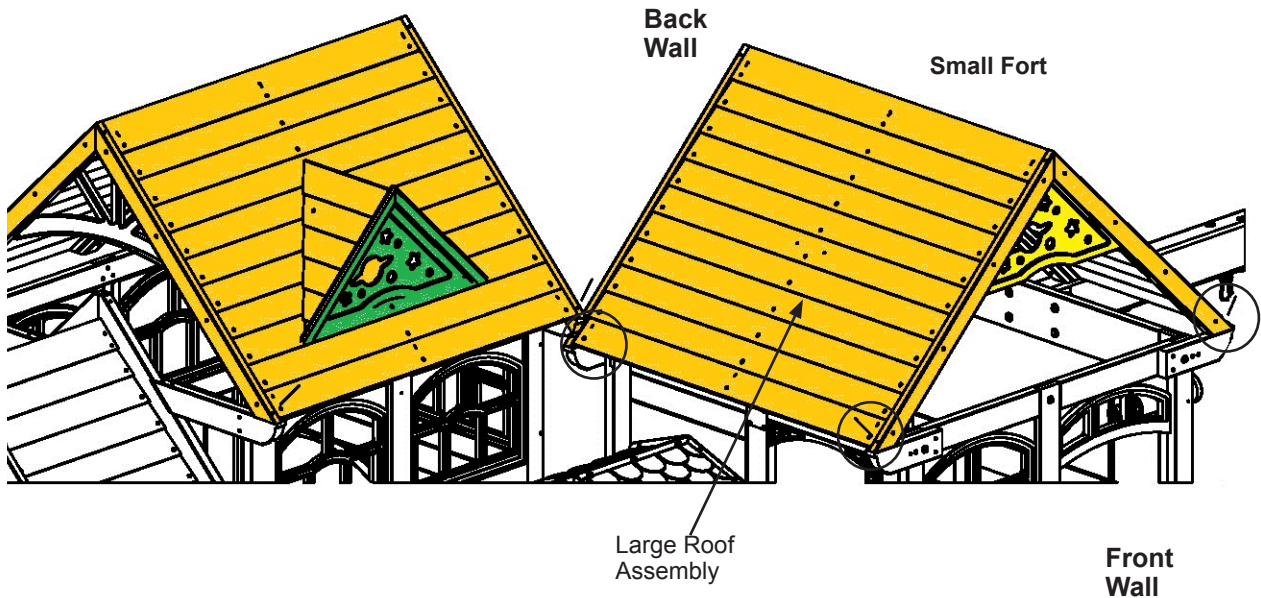
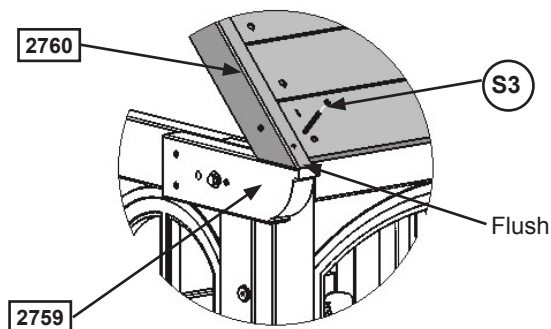


Fig. 59.2



Hardware

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

Step 60: Attach Steering Wheel Part 1



A: On the Swing Wall of the Large Fort measure 2" in from each slat and 1-1/2" down from the top of (2756) Siding Assembly then pre-drill 2 holes with a 3/16" drill bit. (fig. 60.1, 60.2 and 60.3)

B: Centred between the first 2 pre-drilled holes measure 3/4" down and pre-drill a third hole. (fig. 60.1 and 60.2)

C: Place (9083) Steering Wheel Block on the inside and flush to the top of (2756) Siding Assembly and covering the pre-drilled holes then attach from the outside through the pre-drilled holes with 3 (S20) #8 x 1-3/8" Wood Screws. (fig. 60.3 and 60.4)

Fig. 60.1

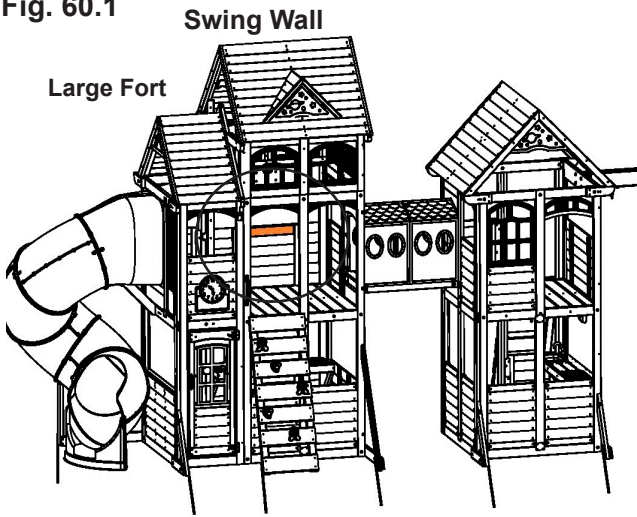


Fig. 60.2

Inside View

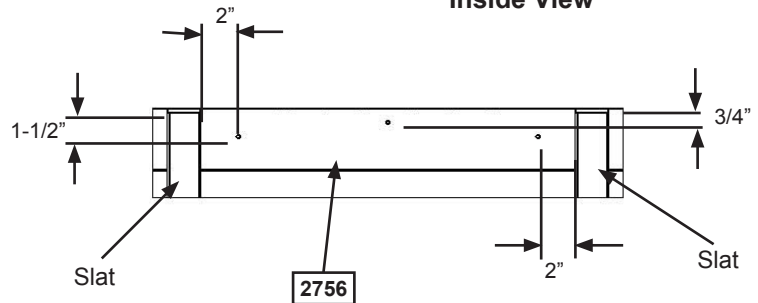


Fig. 60.3
Outside View

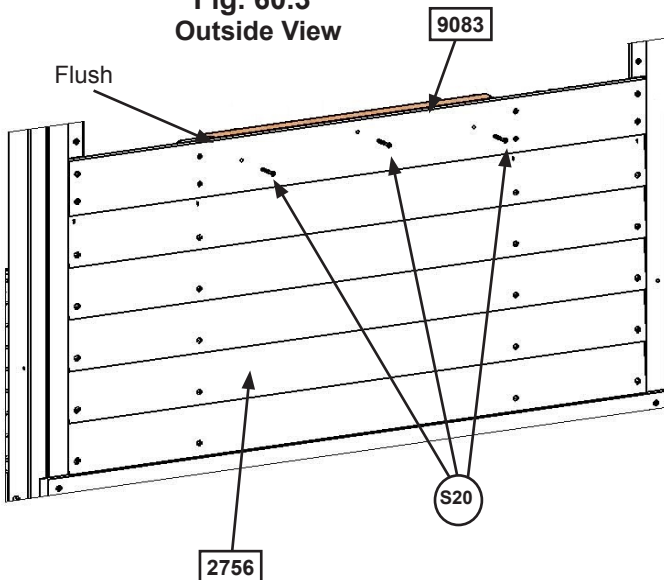
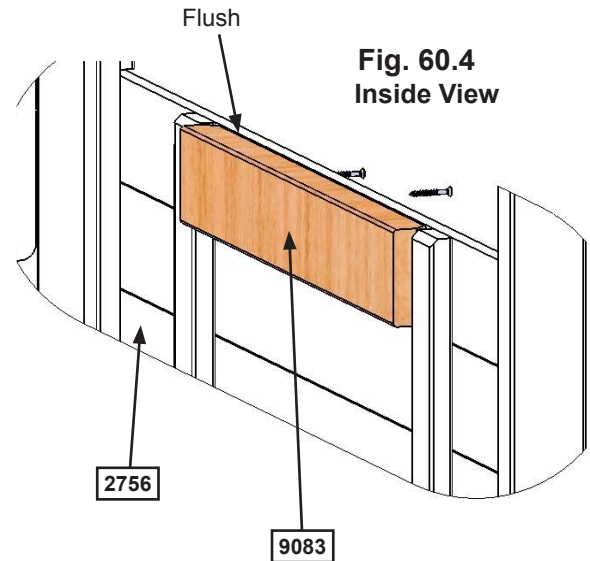


Fig. 60.4
Inside View



Wood Parts

1 x 9083 Steering Wheel Block 1-1/4 x 3 x 19-1/4"

Hardware

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

Step 60: Attach Steering Wheel Part 2



D: Place Steering Wheel on the inside of (2756) Siding Assembly then pre-drill with a 1/8" drill bit. Attach Steering Wheel to (2756) Siding Assembly and (9083) Steering Wheel Block with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with 5/16" flat washer). (fig. 60.5 and 60.6)

Fig. 60.5

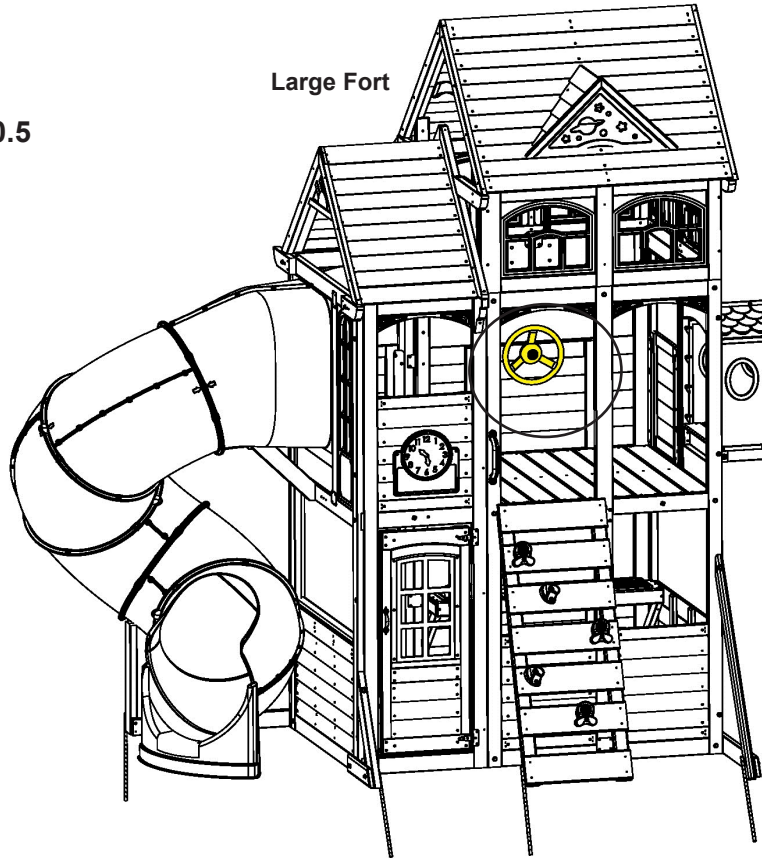
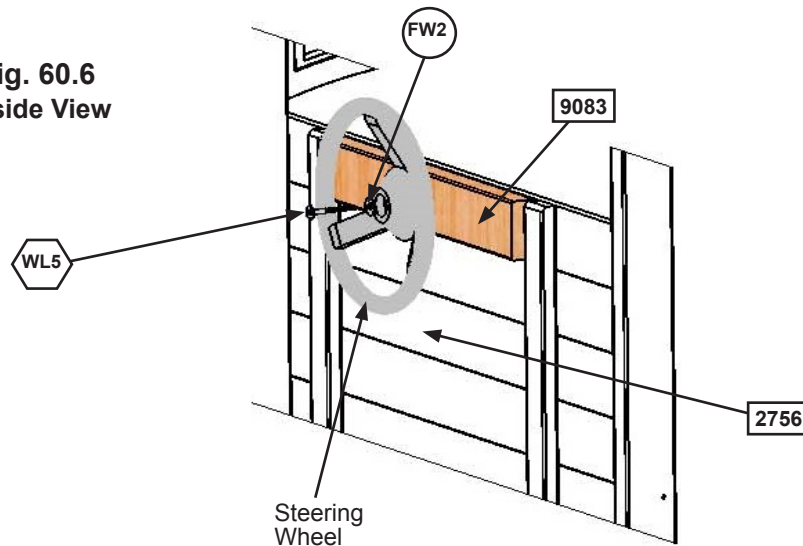



Fig. 60.6
Inside View



Hardware

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

Other Parts

1 x Steering Wheel

Step 61: Attach Slides to Fort



A: Place 1 Slide in the centre of the openings in the Front Walls of the Large and Small Forts, pre-drill with a 1/8" drill bit then attach each slide to fort through the (2772) Panel Floor Support using 3 (S7) #12 x 2" Pan Screws per slide. (fig. 61.1, 61.2 and 61.3)

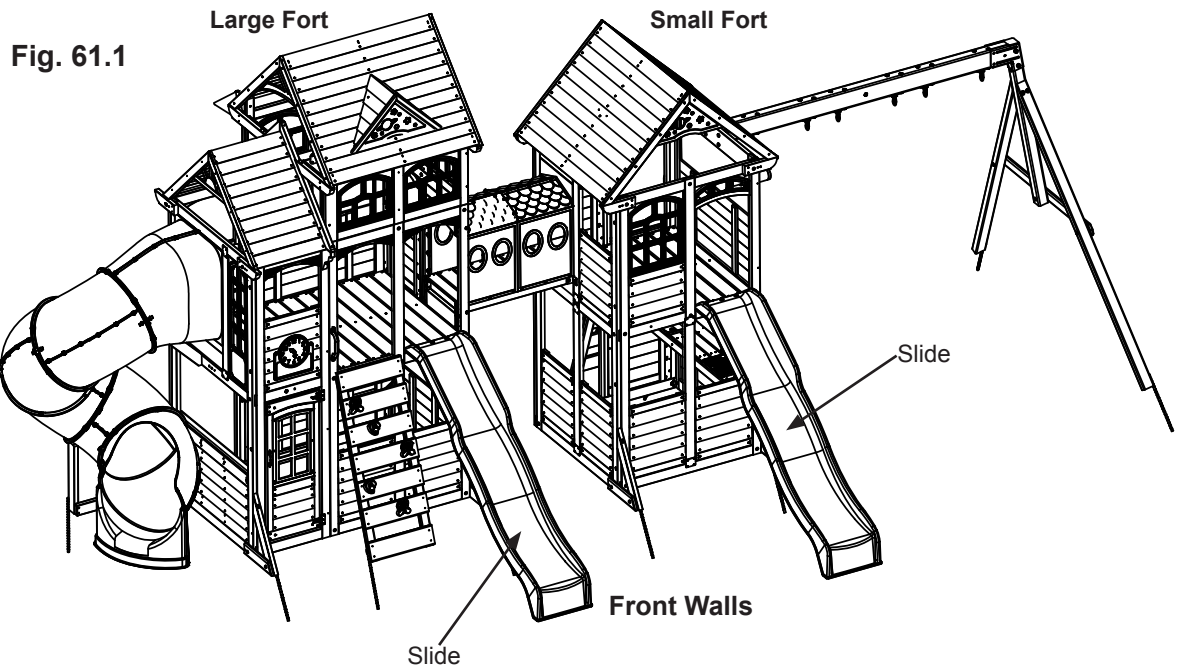


Fig. 61.2

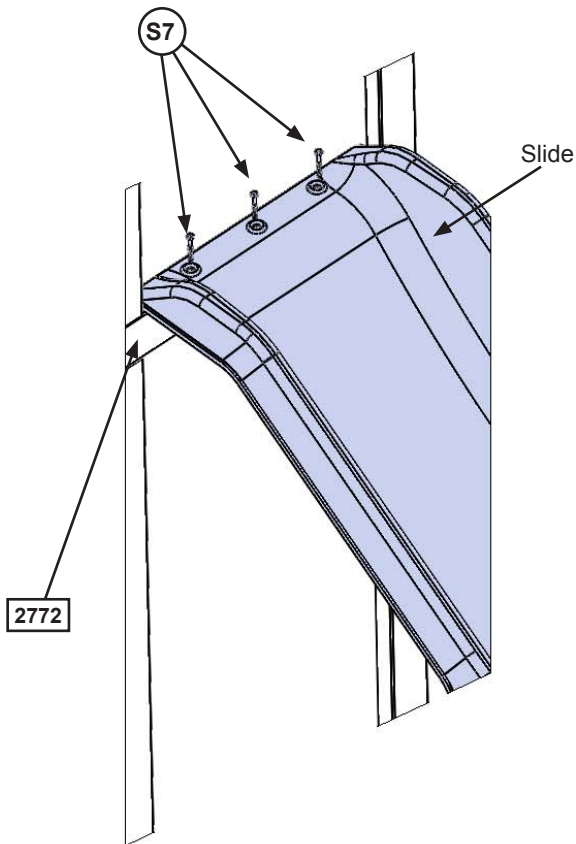
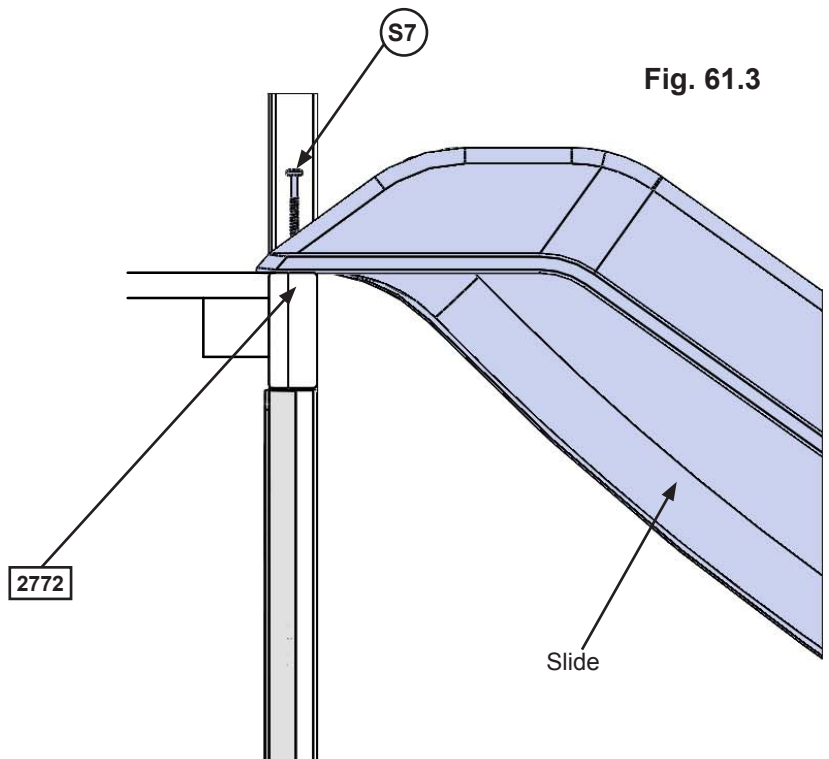


Fig. 61.3



Hardware

6 x #12 x 2" Pan Screw

Other Parts

2 x Slide

Step 62: Attach Flags



A: On the Tunnel Side Wall of the Large Fort measure 7" down from the bottom of (2822) Transom Window White then attach 1 Flag on the front edge of the wall with 2 (S10) #8 x 1" Pan Screws per flag. (fig. 62.1 and 62.2)

B: On the front (2677) Narrow Panel measure 4" down from the bottom of (2759) Roof End and 2" in from the corner then attach 1 Flag with 2 (S10) #8 x 1" Pan Screws. (fig. 62.2)

Fig. 62.1

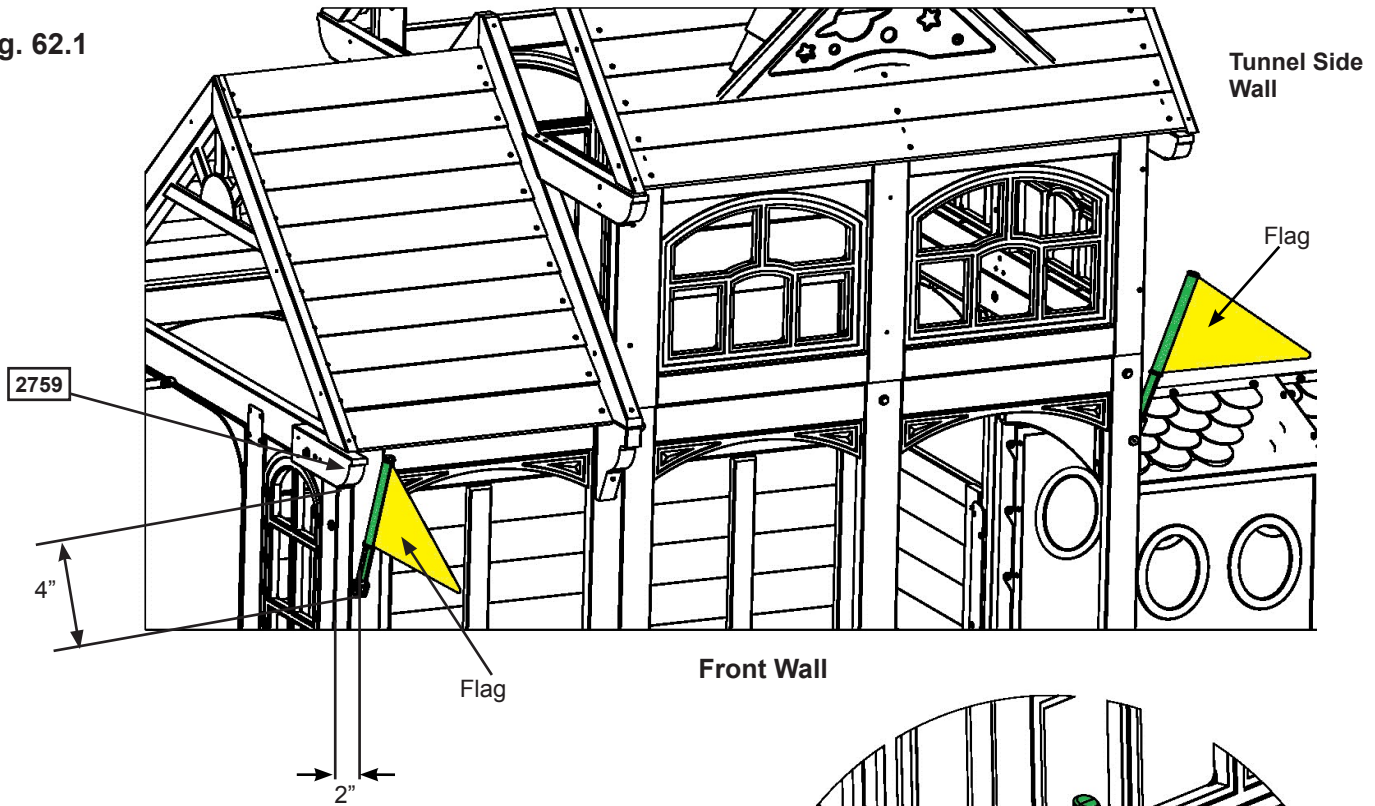
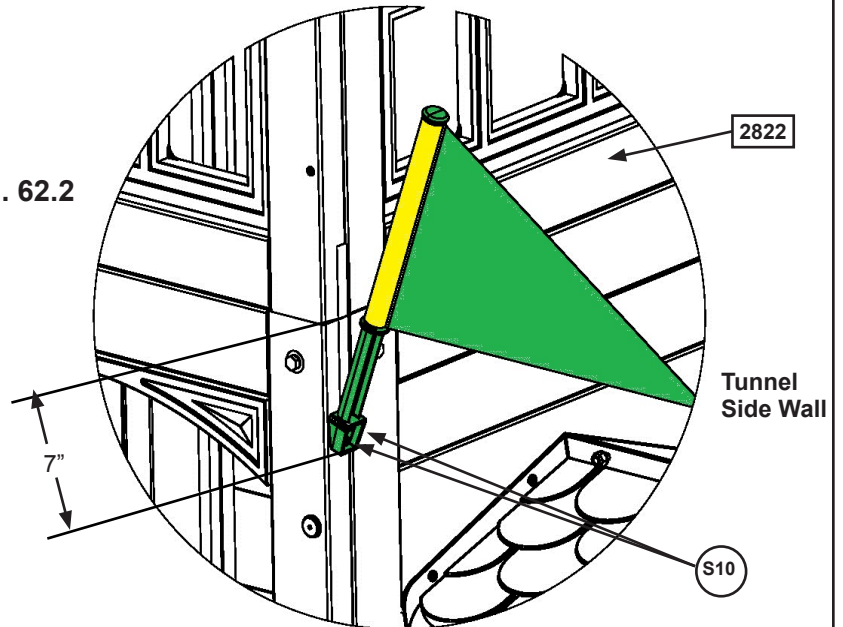


Fig. 62.2



Hardware

4 x (S10) #8 x 1" Pan Screw

Other Parts

2 x Flag

Step 63: Attach Telescope



A: In the opening of the Small Fort Swing Wall attach the Telescope Mount to the bottom of (2630) SW Top then attach with 2 (S11) #8 x 2" Wood Screws. (fig. 63.1 and 63.2)

B: Slide the Telescope into the groove in the mount. (fig. 63.1 and 63.2)

Fig. 63.1 **Small Fort**

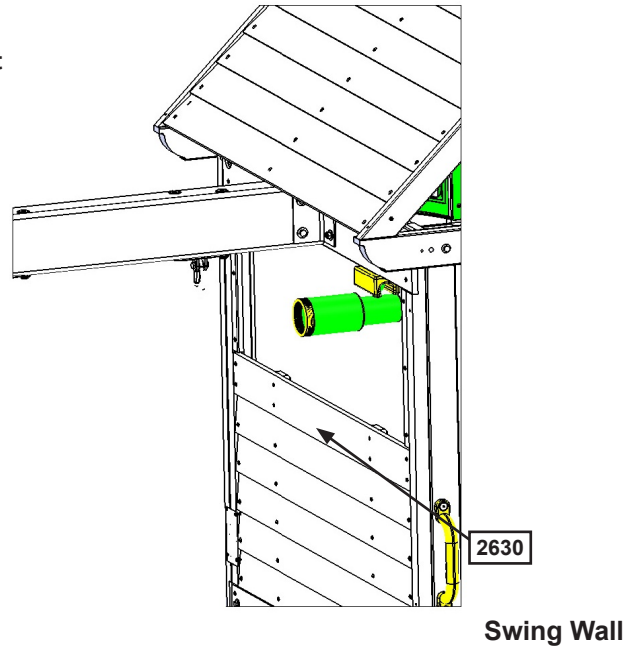
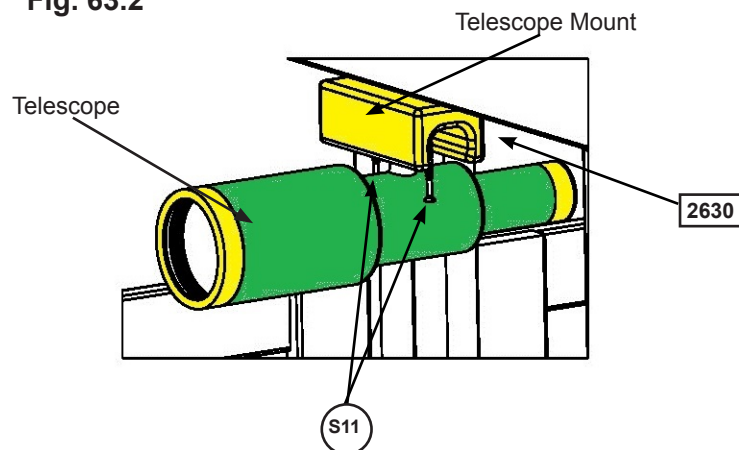


Fig. 63.2



Hardware

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

Other Parts

1 x Telescope with Mount

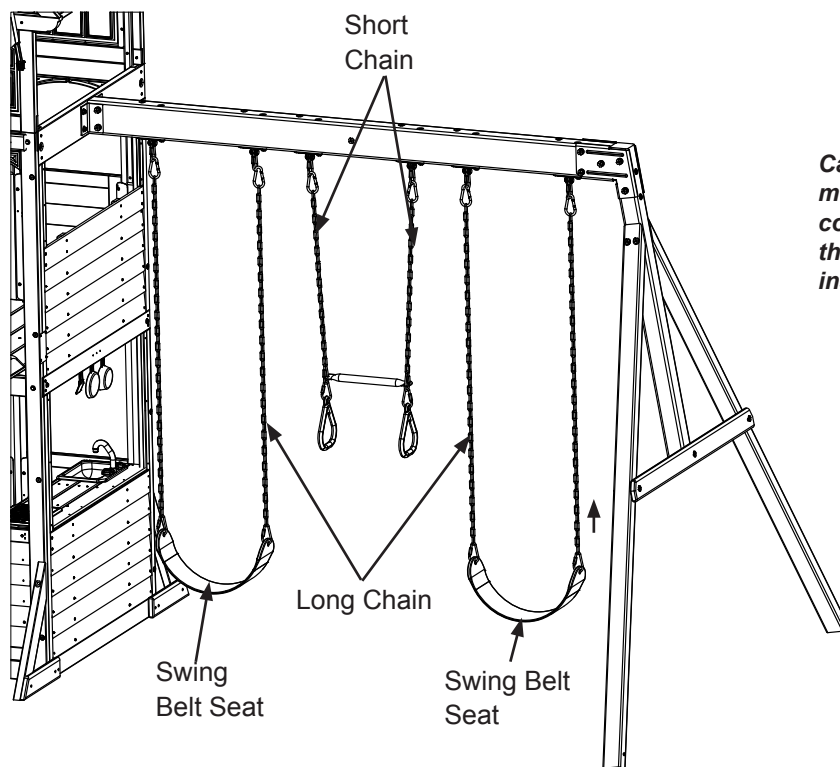
Step 64: Attach Belt Swings and Acro Swing

A: Using 1 Threaded Quick Link per chain, join 1 Long Chain to each side of the Swing Belt Seat. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (fig. 64.1 and 64.2).

B: Using 1 Threaded Quick Link per chain, join the Short Chain to the Acro Bar. Attach another Threaded Quick Link to each Acro Handle and join with first Threaded Quick Link. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (fig. 64.2 and 64.3)

C: Attach the other end of the swing chains to the Swing Hanger and tighten with an adjustable wrench. (fig. 64.1)

Fig. 64.1



Caution: Threaded Quick Links must be installed with the gate completely down covering the threads and tighten as instructed. (fig. 64.2)

Fig. 64.3

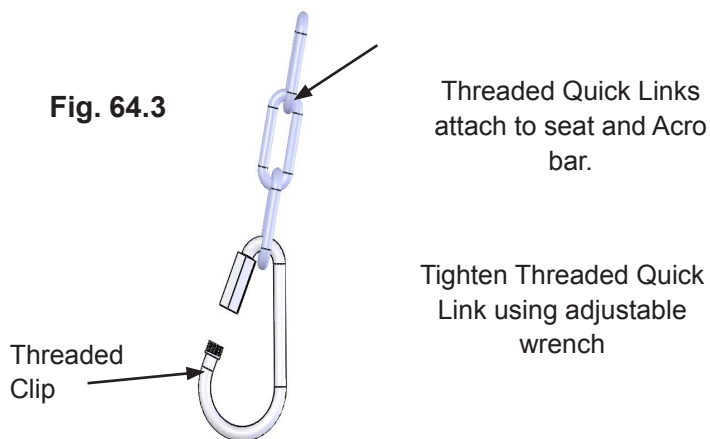
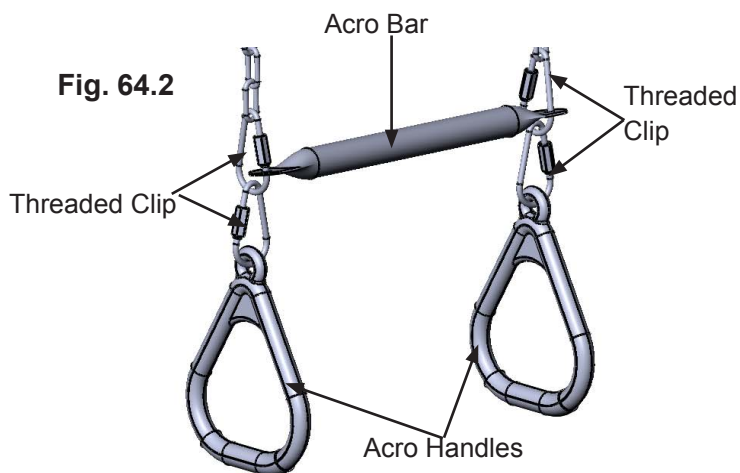


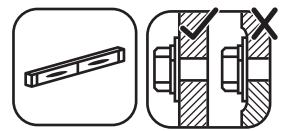
Fig. 64.2



Other Parts

- 1 x Acro Bar
- 2 x Acro Handle
- 2 x Swing Belt Seat
- 2 x Short Chain
- 4 x Long Chain
- 8 x Threaded Quick Link

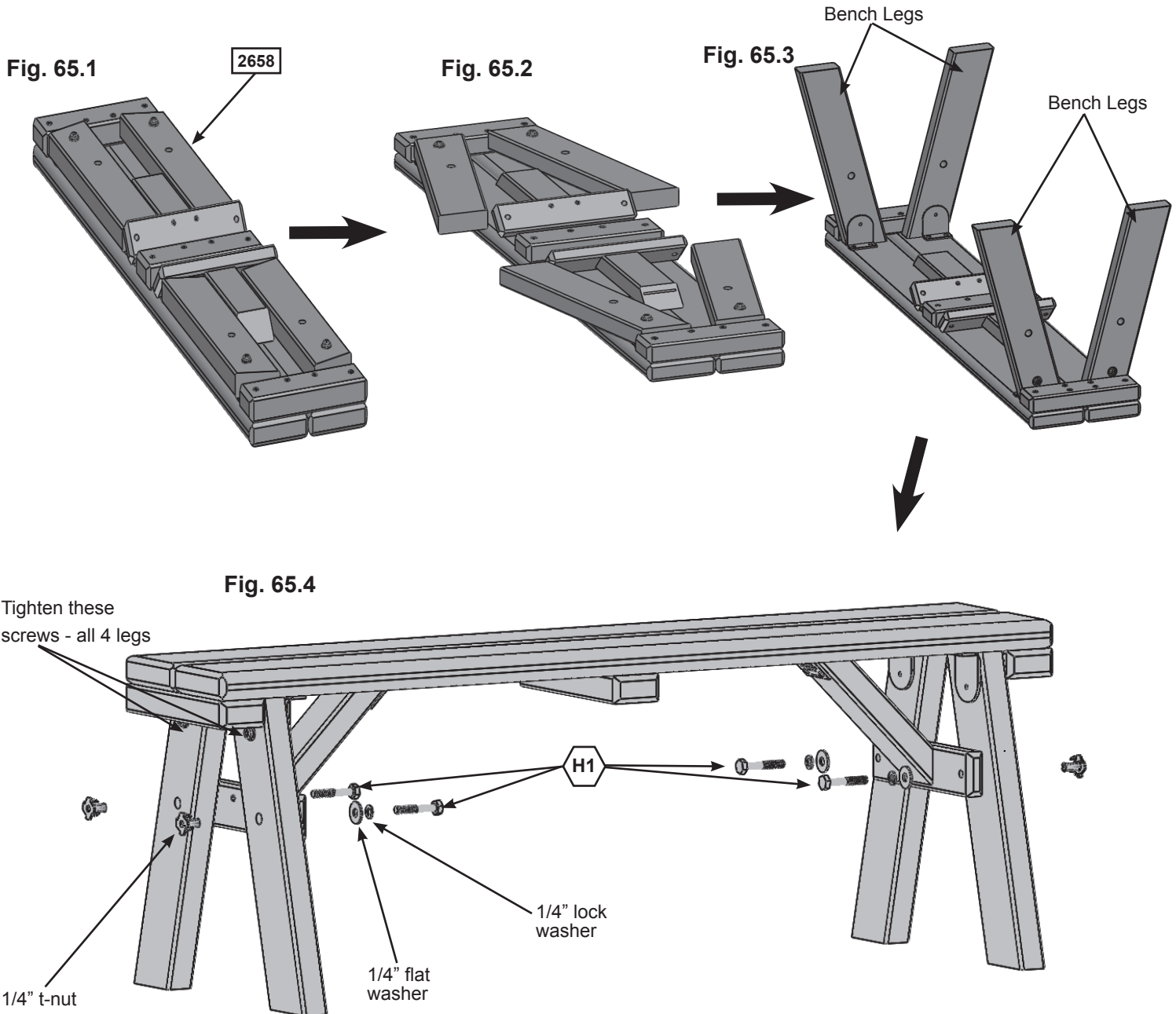
Step 65: Bench Assembly



A: Open the (2658) Folding Bench Assembly. (fig. 65.1, 65.2 and 65.3)

B: Make sure assembly is level then secure with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 65.4)

C: Tighten the top screws in all 4 Bench Legs. (fig. 65.4)



Wood Parts

1 x 2658 Folding Bench 2-13/32 x 6-3/4 x 34"

Hardware

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

Final Step: Attach I.D. Plaque

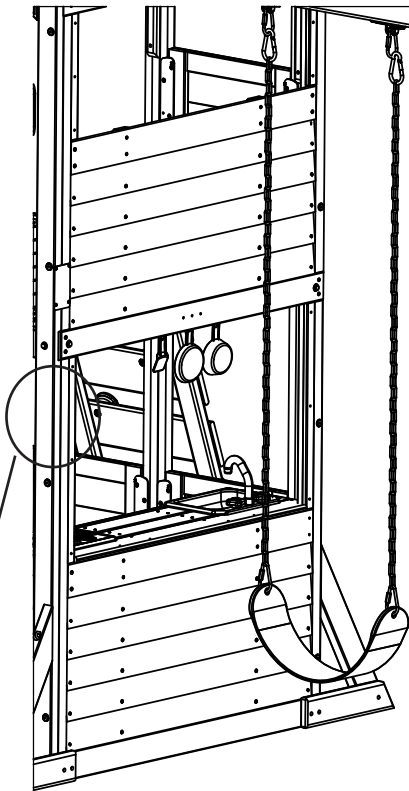
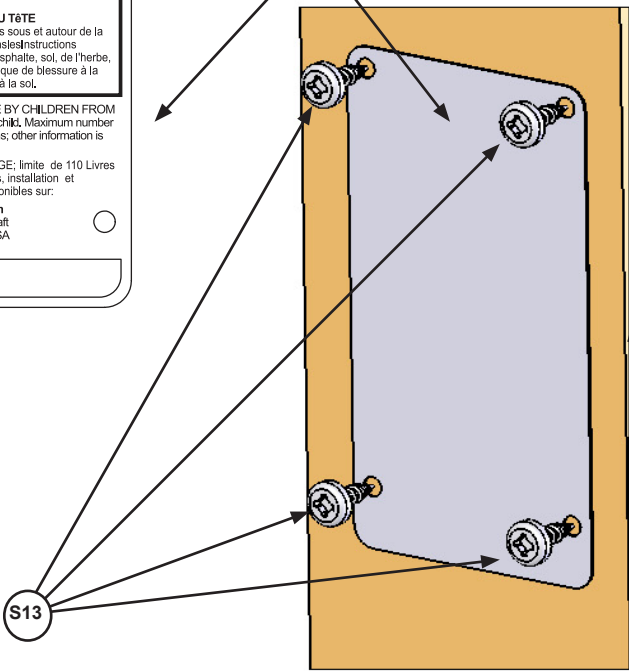
ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

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



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

I.D. Plaque - KidKraft



Hardware

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

Other Parts

1 x I.D. Plaque - KidKraft

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KIDKRAFT

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KidKraft®

CLIT ALONG LINE

