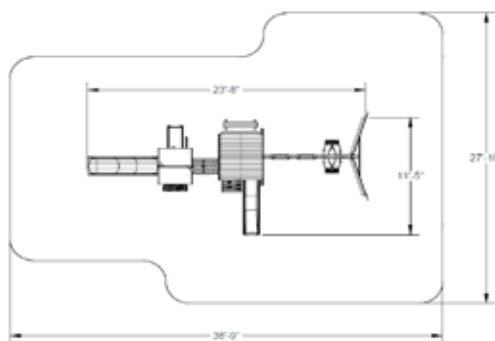


YELLOWSTONE LODGE PLAYSET – F24866

INSTALLATION AND OPERATING INSTRUCTIONS



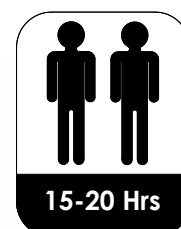
! WARNING

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

OBSTACLE FREE SAFETY ZONE - **36'9" x 27'10"** area requires Protective Surfacing. See page 3.
MAXIMUM VERTICAL FALL HEIGHT - **6'9"**

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 schools, churches, nurseries, day cares or parks.



15-20 Hrs

**Two person
assembly**



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

KidKraft Netherlands BV
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(GMT+1)
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Rev 06/08/2018

Warnings and Safe Play Instructions



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



WARNING

SERIOUS HEAD INJURY HAZARD

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

COLLISION HAZARD

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

CHOKING HAZARD/SHARP EDGES & POINTS

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

WARNING LABEL

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

STRANGULATION HAZARD

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

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

TIP OVER HAZARD

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

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



WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

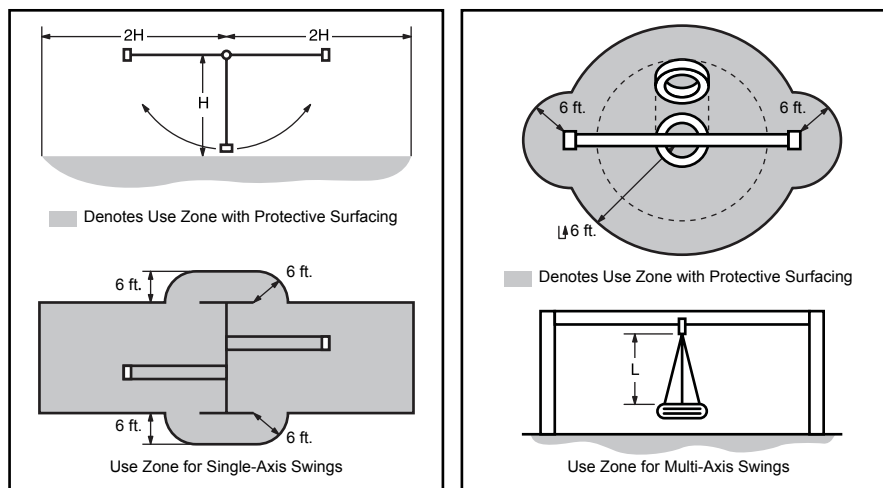
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

Placement

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

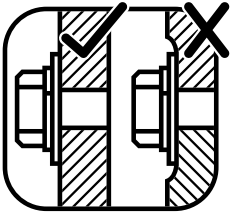
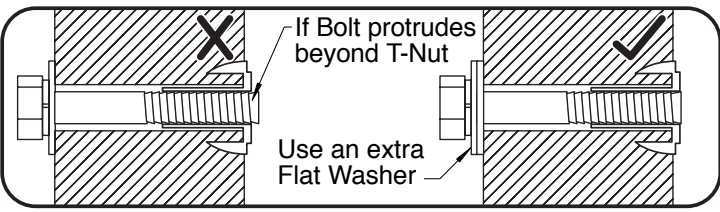
- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius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



Instructions for Proper Maintenance

Your 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>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 100% FSC wood. 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.

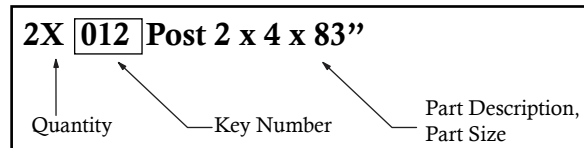
Keys to Assembly Success

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 Phillips, #2 Robertson and Screwdriver • Ratchet with extension (1/2" & 9/16" sockets) 	<ul style="list-style-type: none"> • Open End Wrench (1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits 	<ul style="list-style-type: none"> • 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil
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Part Identification Key

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



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

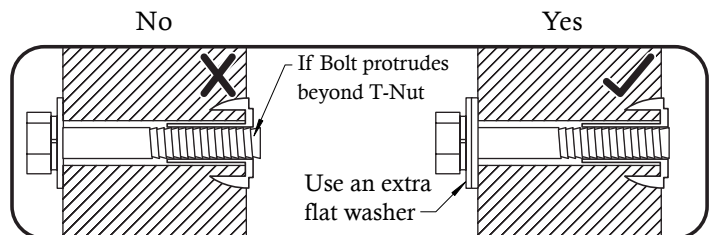
Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>		<p>Check that set or assembly is properly level before proceeding.</p> <p>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>Measure Distance</p>	<p>Check that assembly is square before tightening bolts.</p>	<p>Square Assembly</p>
<p>Use a measuring tape to assure proper location.</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>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.

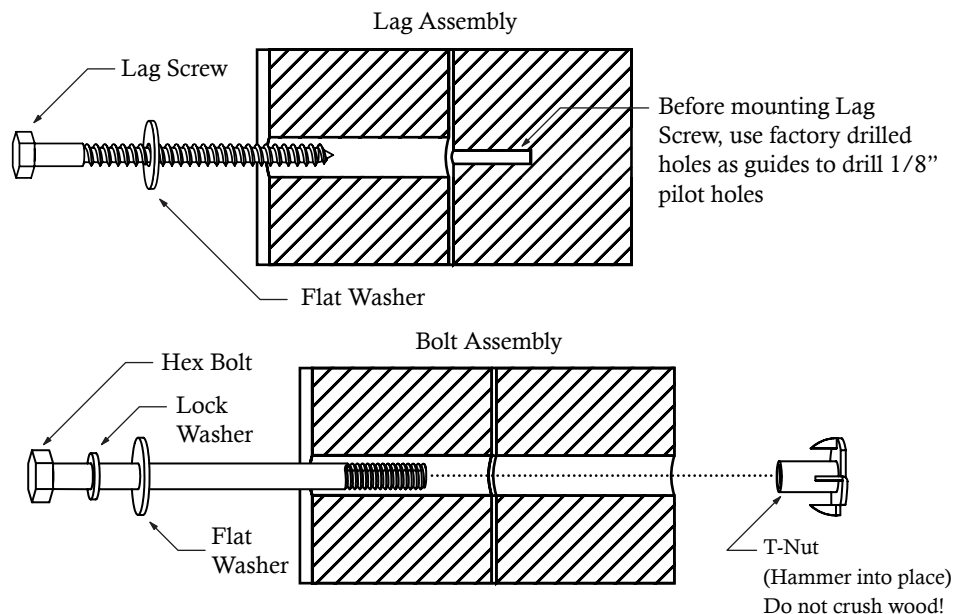


Proper Hardware Assembly

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.

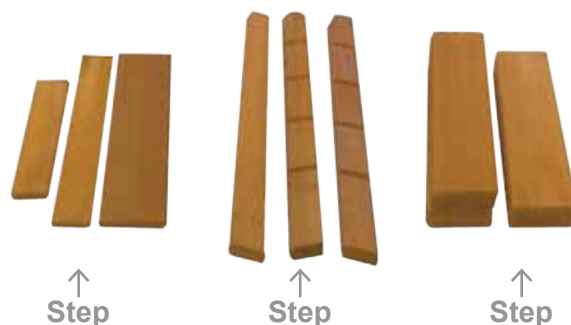
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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:

Wood parts are found in Box 2, 3, 4 & 5. Open each box with wood parts and look for the **Key Number** stamped on the end of the wood part (see chart below). Sort each wood part into the different assembly steps.

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

Step Number
(This is Step 1)

012

Order Listed
(The order the part is listed in step 1)

Key Number: The first two digits represent the step number. The third digit represents the order in which the part is listed in the step.

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

SAVE TIME - TIP #2:

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

HARDWARE:

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

Main Clubhouse Box

Part Identification (Reduced Part Size)

BOX 1, 2 of 4

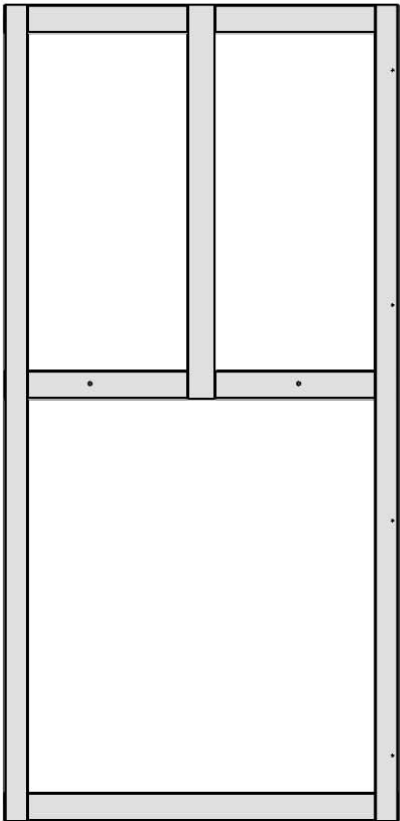
1pc. - [2648] - 1 x 4 x 40-5/8" - Floor Board - Box 2 - 3632648																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Main Clubhouse Box

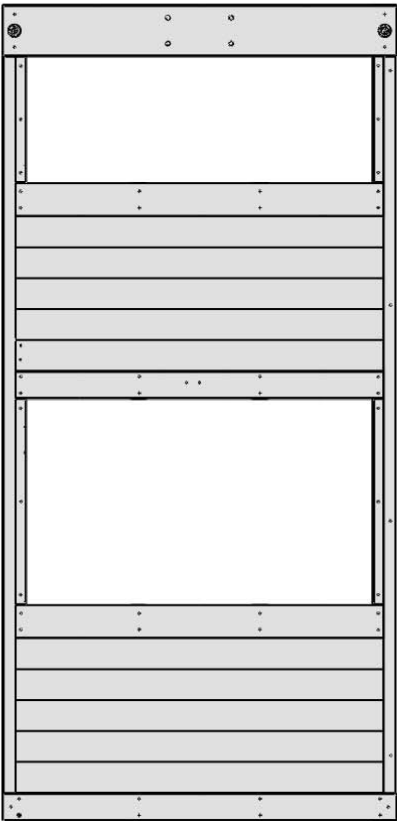
Part Identification (Reduced Part Size)

BOX 1, 2 of 4

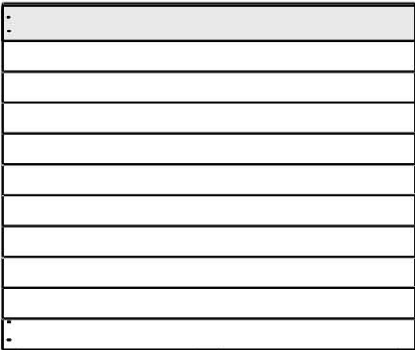
2pc. - **[2618]** Front Back
Panel 1¼ x 42 x 87"
Box 2 - 37632618



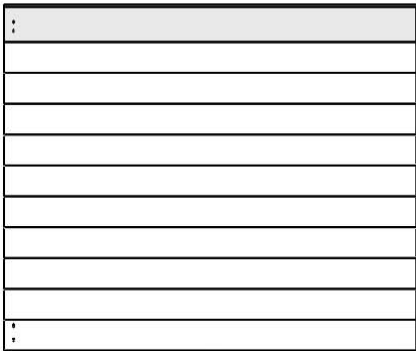
1pc. - **[2627]**
SW Wall Panel 1¼ x 42 x 87"
Box 2 - 37632627



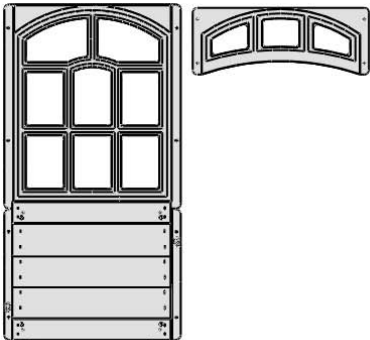
1pc. - **[2639]**
Back Roof Panel 1¼ x 36¾ x 44"
Box 2 - 37632639



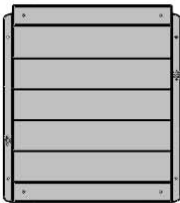
1pc. - **[2644]**
Front Roof Panel 1¼ x 37 x 44"
Box 2 - 37632644



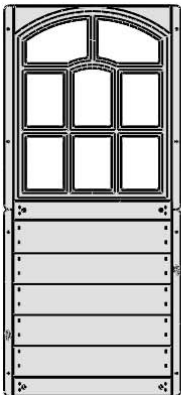
2pc. - **[2655]**
Upper Window Insert
1.27 x 18.8 x 35.86"
Box 2 - 37632655



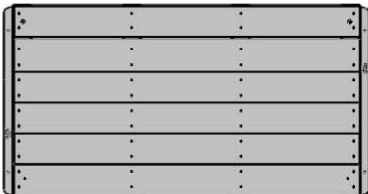
1pc.
MOD 3 Pane Transom (2Pk)
Box 1 - 3320138



2pc. - **[649A]**
Short Half Wall - 1.27 x 18.8 x 20-15/16"
Box 2 - 37632649A

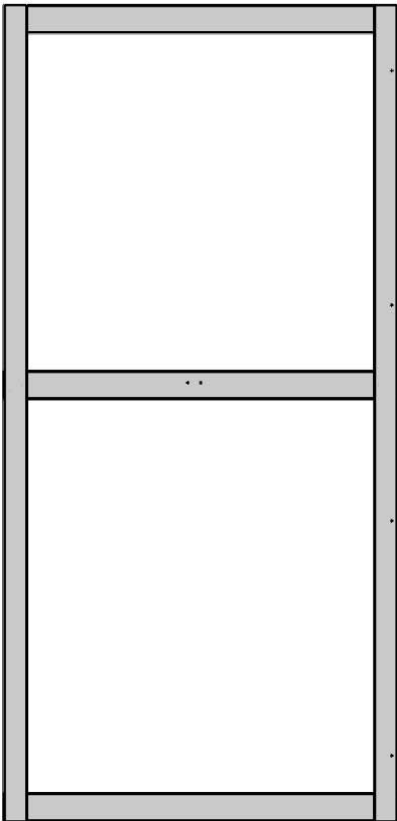


1pc. - **[2649]**
Lower Window Insert
1.27 x 18.8 x 41.91"
Box 2 - 37632649



1pc. - **[2665]**
Half Wall Insert - 1.4 x 20¼ x 38.8"
Box 2 - 37632665

1pc. - **[2622]**
End Panel Assembly 1¼ x 42 x 87"
Box 2 - 37632622

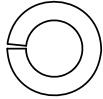


Main Clubhouse Box

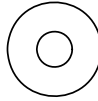
Hardware Identification (Actual Size)

BOX 1, 2 of 4

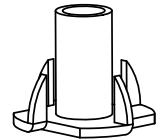
5pc. **LW2** - 5/16" Lock Washer - (51303300)



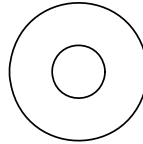
5pc. **FW0** - 3/16" Flat Washer - (51103100)



10pc. **TN1** - 1/4" T - Nut (54503200)



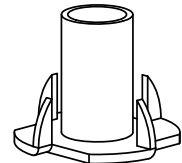
12pc. **FW1** - 1/4" Flat Washer - (51103200)



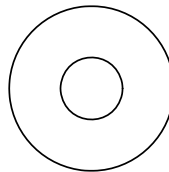
15pc. **LW1** - 1/4" Lock Washer - (51303200)



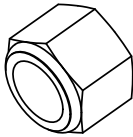
8pc. **TN2** - 5/16" T - Nut - (54503300)



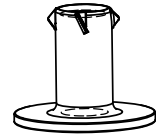
66pc. **FW2** - 5/16" Flat Washer - (51103300)



29pc. **LN2** - 5/16" Lock Nut - (54303300)



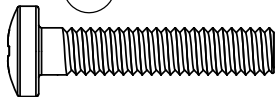
5pc. **BN1** - 1/4" Barrel Nut - (54803200)



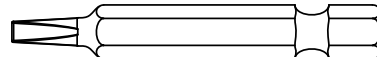
8pc. **FW3** - #8 Flat Washer - (51003500)



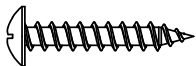
5pc. **PB2** - Pan Bolt 1/4 x 1-1/4" - (53433212)



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



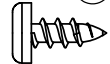
69pc. **S0** - Truss Screw #8 x 7/8" - (52933505)



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



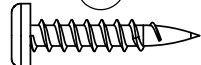
20pc. **S5** - Pan Screw #8 x 1/2" - (52433502)



77pc. **S2** - Wood Screw #8 x 1-1/2" - (52043512)



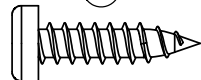
5pc. **S10** - Pan Screw #8 x 1" - (52433510)



28pc. **S11** - Wood Screw #8 x 2" - (52043520)



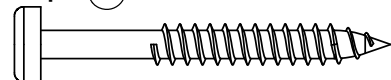
2pc. **S6** - Pan Screw #12 x 1" - (52433610)



14pc. **S3** - Wood Screw #8 x 2-1/2" - (52043522)



13pc. **S7** - Pan Screw #12 x 2" - (52433620)



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

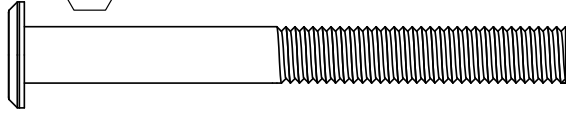


Main Clubhouse Box

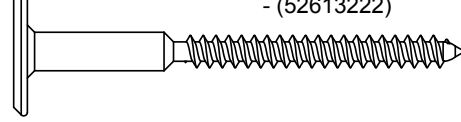
Hardware Identification (Actual Size)

BOX 1, 2 of 4

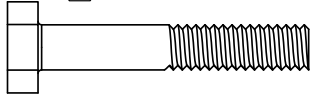
3pc. **WB7** - Wafer Bolt 5/16 x 3" - (53613330)



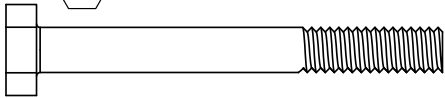
16pc. **WL5** - Wafer Lag 1/4 x 2-1/2" - (52613222)



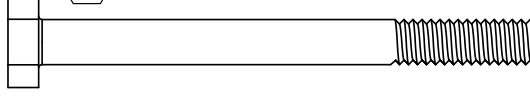
4pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



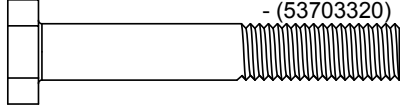
2pc. **H10** - Hex Bolt 1/4 x 2-1/4" - (53703221)



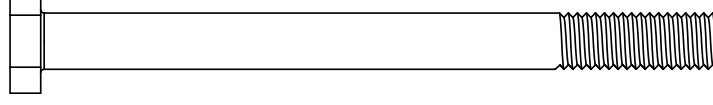
4pc. **H11** - Hex Bolt 1/4 x 2-3/4" - (53703223)



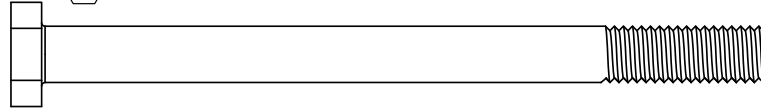
4pc. **G8** - Hex Bolt 5/16 x 2" - (53703320)



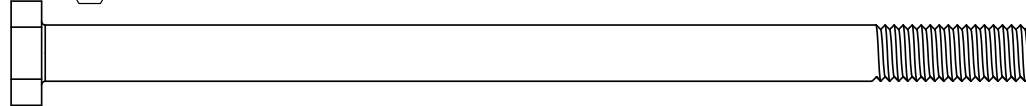
7pc. **G21** - Hex Bolt 5/16 x 3-3/4" - (53703333)



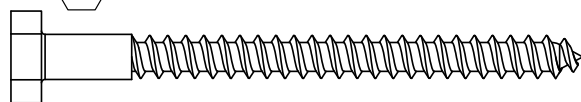
3pc. **G4** - Hex Bolt 5/16 x 4" - (53703340)



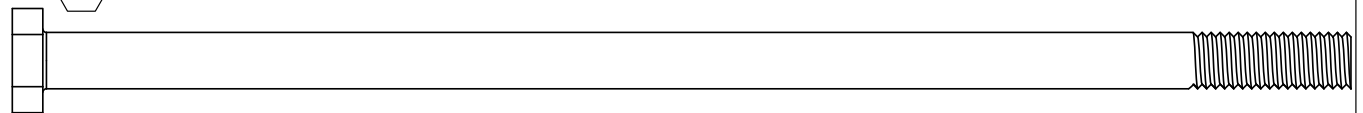
14pc. **G7** - Hex Bolt 5/16 x 5-1/2" - (53703352)



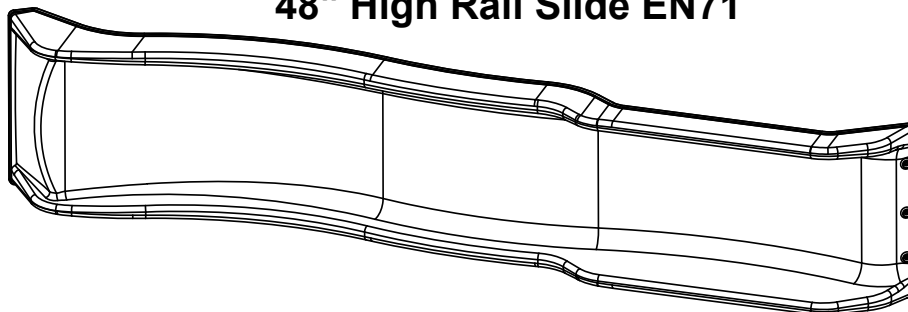
2pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



2pc. **G25** - Hex Bolt 5/16 x 7-1/4" - (53703371)



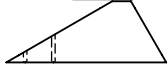
Reduced Size (Box 4 of 4)
48" High Rail Slide EN71



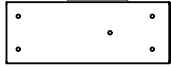
Adventure Tower

Part Identification (Reduced Part Size)

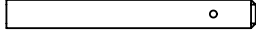
2pc. - **[8834]** - 23.8 x 82.6 x 216mm - Box Gusset FSC - Box 1 - 3638834



1pc. - **[6005]** - 31.8 x 82.6 x 222.3mm TNR Slide Block - Box 1 - 3636005



2pc. - **[6008]** - 38.1 x 38.1 x 336.6mm Tarp Uprght - Box 1 - 3636008



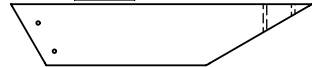
1pc. - **[8832]** - 23.8 x 82.6 x 362mm - Box End - Box 1 - 3638832



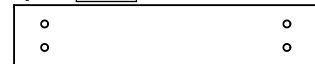
2pc. - **[6006]** - 31.8 x 82.6 x 396.9mm Back Gusset - Box 1 - 3636006



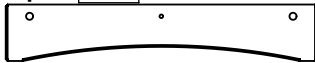
2pc. - **[6001]** - 31.8 x 82.6 x 406.4mm Gusset - Box 1 - 3636001



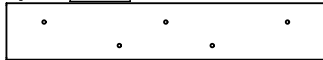
1pc. - **[6004]** - 23.8 x 82.6 x 409.6mm Box Bottom - Box 1 - 3636004



2pc. - **[0602]** - 15.9 x 76.2 x 420mm Short Trim - Box 1 - 3620602



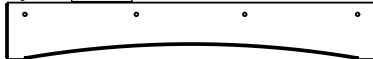
1pc. - **[6014]** - 31.8 x 76.2 x 430.2mm Tunnel Spacer - Box 1 - 3636014



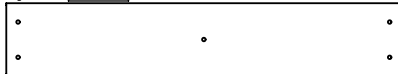
2pc. - **[6015]** - 23.8 x 82.6 x 444.5mm Box Leg - Box 1 - 3636015



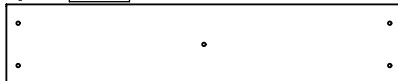
2pc. - **[0601]** - 15.9 x 76.2 x 500mm Side Trim - Box 1 - 3620601



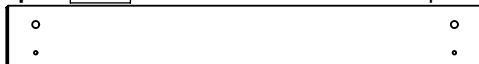
1pc. - **[6042]** - 15.9 x 98 x 533.4mm Narrow Floor Board - Box 1 - 3636042



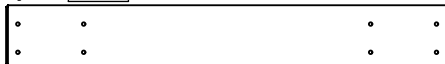
7pc. - **[6013]** - 15.9 x 108 x 533.4mm Floor Board - Box 1 - 3636013



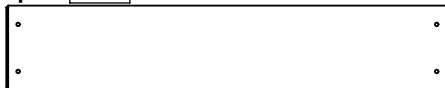
1pc. - **[6028]** - 23.8 x 82.6 x 644.5mm Top Back - Box 1 - 3636028



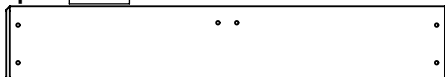
1pc. - **[6027]** - 23.8 x 82.6 x 596.9mm Sand Water Support - Box 1 - 3636027



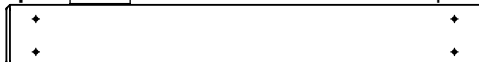
1pc. - **[6021]** - 15.9 x 114.3 x 596.9mm Back Ground - Box 1 - 3636021



1pc. - **[0600]** - 15.9 X 101.6 X 596.9mm Bottom Trim - Box 1 - 3620600



1pc. - **[0603]** - 15.9 X 82.6 X 644.5mm Top Trim - Box 1 - 3620603



Adventure Tower

Part Identification (Reduced Part Size)

1pc. - **[6019]** - 15.9 x 133.4 x 596.9mm Rock Bottom -
Box 1 - 3636019



4pc. - **[6010]** - 15.9 x 133.4 x 596.9mm Rock Board A -
Box 1 - 3636010



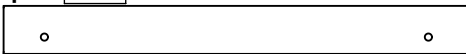
5pc. - **[6009]** - 15.9 x 133.4 x 596.9mm Rock Board B -
Box 1 - 3636009



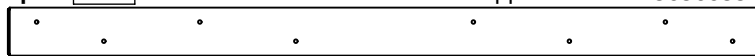
1pc. - **[6034]** - 23.8 x 139.7 x 596.9mm Floor Back -
Box 1 - 3636034



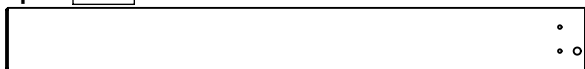
1pc. - **[6022]** - 31.8 x 63.5 x 616mm SL Brace - Box 1 - 3636022



2pc. - **[6033]** - 15.9 x 63.5 x 996.9mm Post Support - Box 1 - 3636033



2pc. - **[6011]** - 23.8 x 82.6 x 768.4mm Box Side - Box 1 - 3636011



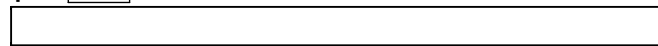
1pc. - **[6029]** - 23.8 x 82.6 x 784.2mm Side Top - Box 1 - 3636029



1pc. - **[6030]** - 23.8 x 82.6 x 784.2mm Tunnel Side Top - Box 1 - 3636030



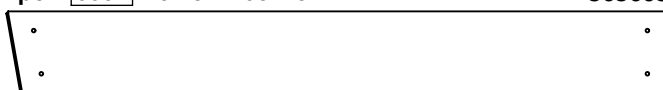
1pc. - **[6003]** - 23.8 x 50.8 x 862.2mm Floor Joist - Box 1 - 3636003



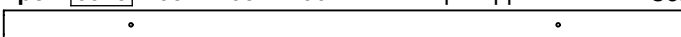
2pc. - **[6017]** - 31.8 x 82.6 x 875.3mm Floor Support - Box 1 - 3636017



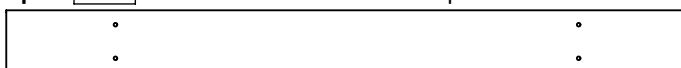
1pc. - **[6032]** - 31.8 x 108 x 874mm TNR Wall - Box 1 - 3636032



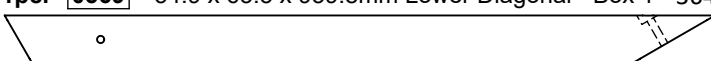
1pc. - **[6025]** - 38.1 x 38.1 x 901.7mm Tarp Support - Box 1 - 3636025



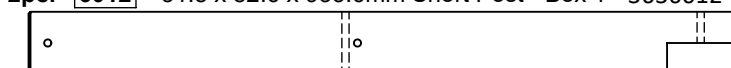
2pc. - **[6024]** - 15.9 x 82.6 x 901.7mm Tarp End - Box 1 - 3636024



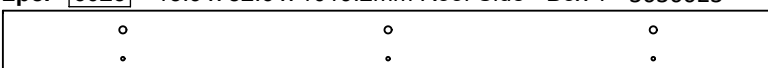
1pc. - **[0369]** - 34.9 x 63.5 x 939.8mm Lower Diagonal - Box 1 - 3640369



2pc. - **[6012]** - 31.8 x 82.6 x 933.6mm Short Post - Box 1 - 3636012



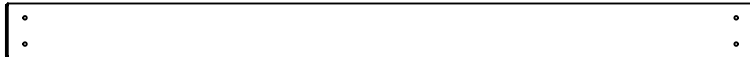
2pc. - **[6023]** - 15.9 x 82.6 x 1019.2mm Roof Side - Box 1 - 3636023



Adventure Tower

Part Identification (Reduced Part Size)

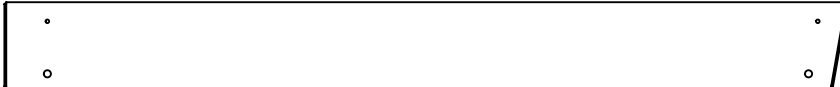
4pc. - **[6031]** - 15.9 x 72.6 x 996.9mm Window Brace - Box 1 - 3636031



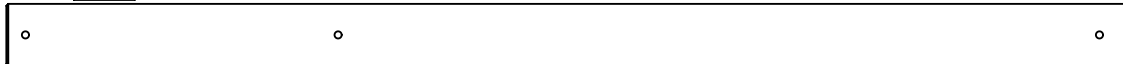
2pc. - **[6007]** - 31.8 x 76.2 x 1095.4mm Wall Support - Box 1 - 3636007



1pc. - **[6020]** - 15.9 x 114.3 x 1122mm Short Ground - Box 1 - 3636020



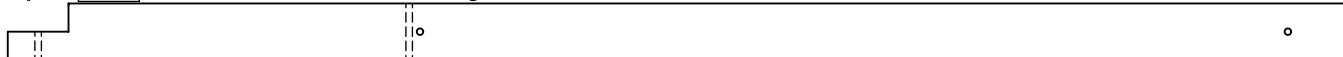
2pc. - **[6000]** - 31.8 x 82.6 x 1495.4mm Upper Post - Box 1 - 3636000



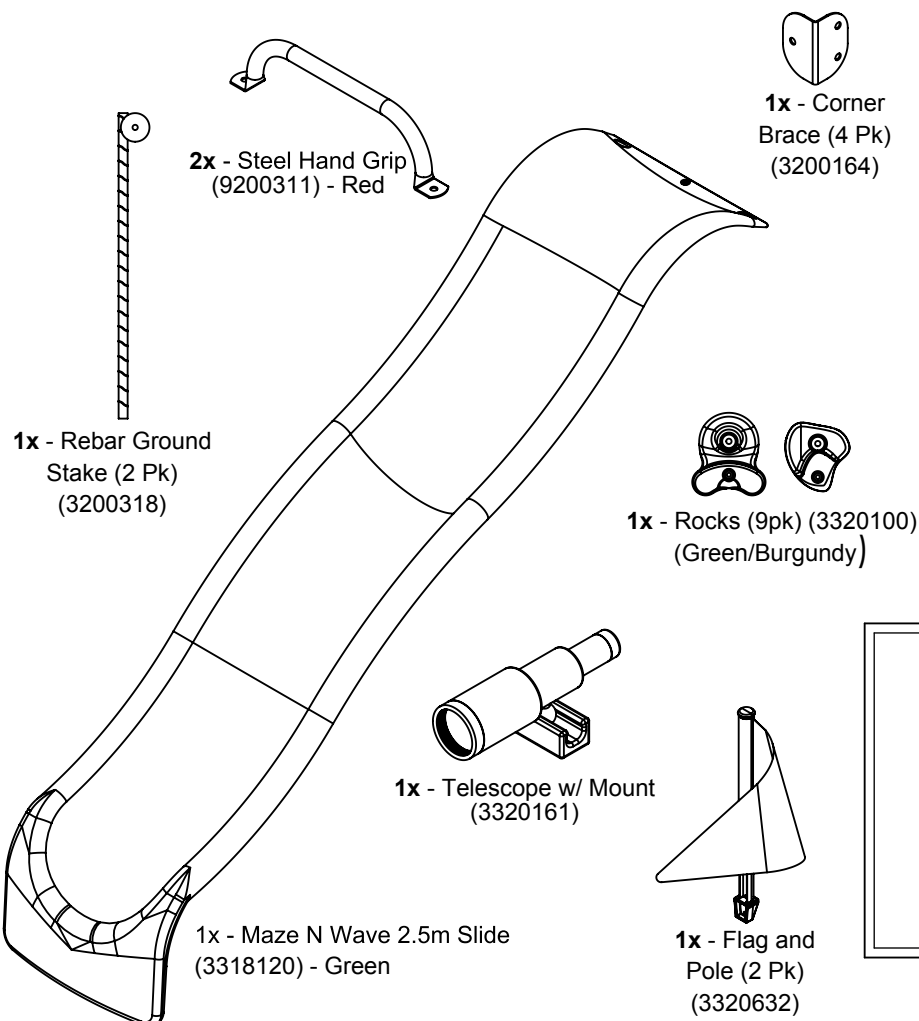
1pc. - **[6018]** - 15.9 x 114.3 x 1576.1mm Long Ground - Box 1 - 3636018



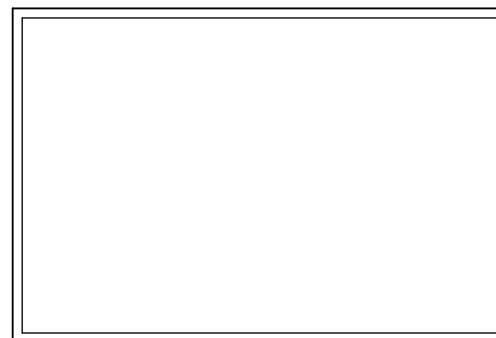
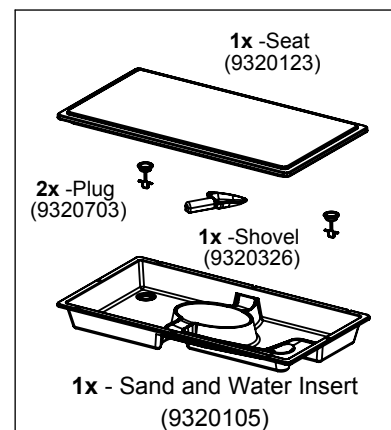
2pc. - **[6002]** - 31.8 x 82.6 x 1968.5mm Long Post - Box 1 - 3636002



2pc. - **[6026]** - 31.8 x 69.9 x 1827mm Rock Rail - Box 1 - 3636026



1x - 3 in 1 Bench Set (3320123)

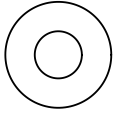


1x - Tower Canopy (3754810)

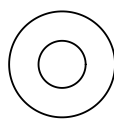
Adventure Tower

Hardware Identification (Actual Size)

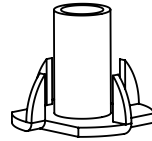
12pc. **FW3** - #8 Flat Washer - (51003500)



13pc. **FW0** - 3/16" Flat Washer - (51103100)



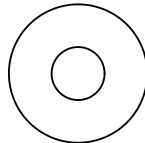
39pc. **TN1** - 1/4" T - Nut -(54503200)



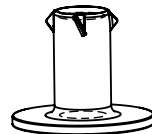
48pc. **LW1** - 1/4" Lock Washer - (51303200)



52pc. **FW1** - 1/4" Flat Washer - (51103200)



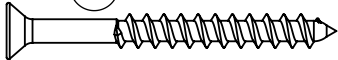
9pc. **BN1** - 1/4" Barrel Nut - (54803200)



154pc. **S20** - Wood Screw #8 x 1-3/8" - (52043516)



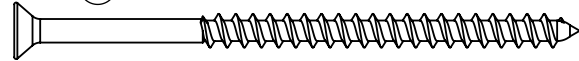
36pc. **S15** - Wood Screw #8 x 1-3/4" - (52043513)



30pc. **S11** - Wood Screw #8 x 2" - (52043520)



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

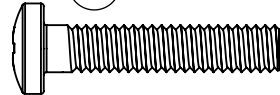


42pc. **S37** - Pan Screw #7 x 5/8" - (52433009)



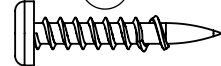
9pc. **PB2** - Pan Bolt 1/4 x 1-1/4"

- (53433212)



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

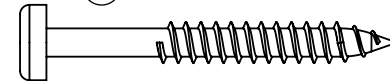
- (52433510)



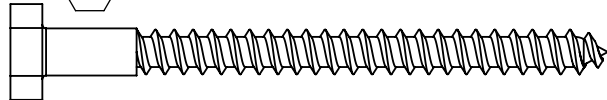
5pc. **LS2** - Lag Screw 1/4 x 2-1/2" - (52213222)



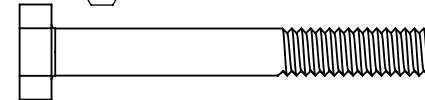
17pc. **S7** - Pan Screw #12 x 2" - (52433620)



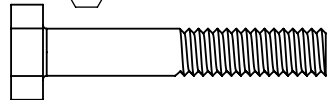
3pc. **LS3** - Lag Screw 1/4 x 3" - (52213230)



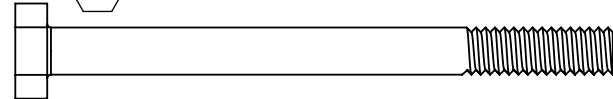
21pc. **H2** - Hex Bolt 1/4 x 2" - (53703220)



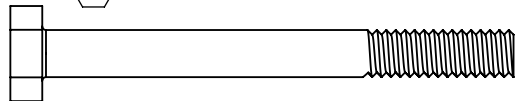
2pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



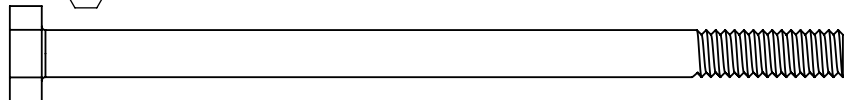
4pc. **H12** - Hex Bolt 1/4 x 3" - (53703230)



10pc. **H3** - Hex Bolt 1/4 x 2-1/2" - (53703222)



4pc. **H8** - Hex Bolt 1/4 x 4-1/4" - (53703241)



3' Tunnel and Chin Bar

Part Identification (Reduced Part Size)

2pc. - **[9086]** - 31.8 x 76.2 x 366.7mm - Tunnel Top - Box 1 - 3639086



1pc. - **[9087]** - 15.9 x 85.7 x 428.6mm - Floor Board - Box 1 - 3639087



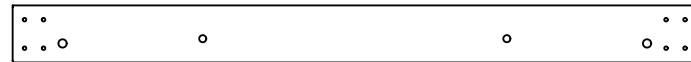
7pc. - **[9092]** - 15.9 x 114.3 x 428.6mm - Floor Board - Box 1 - 3639092



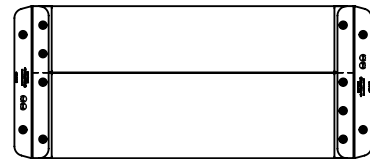
1pc. - **[6037]** - 29.8 x 120.7 x 428.6mm - Tunnel Top - Box 1 - 3636037



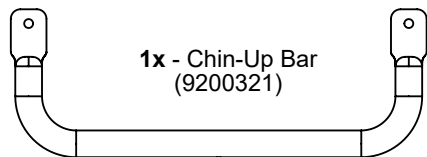
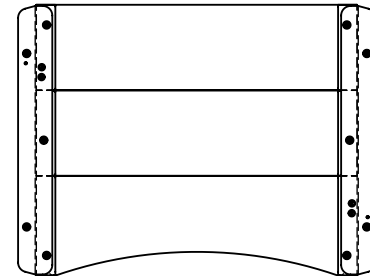
2pc. - **[9089]** - 31.8 x 76.2 x 914.4mm - Short Tunnel Side Joist - Box 1 - 3639089



1pc. - **[6039]** - 32.3 x 203.2 x 477.5mm - Lower Tunnel Insert - Box 1 - 37636039



1pc. - **[6038]** - 32.3 x 362 x 477.4mm - Upper Tunnel Insert - Box 1 - 37636038

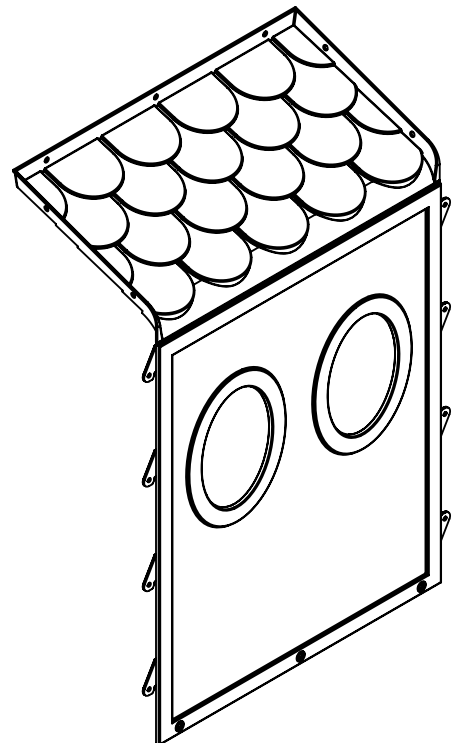


1x - Chin-Up Bar
(9200321)

1x - Swing Brkt Set (4 Pk)
(3201532)



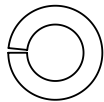
1x - Flat Panel Brkt (2 Pk)
(3200363)



1x - MOD Tunnel Set
(4Pk) (3330101)

3' Tunnel and Chin Bar Hardware Identification (Actual Size)

4pc. **LW2** - 5/16" Lock Washer - (51303300)



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



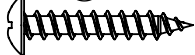
4pc. **LW1** - 1/4" Lock Washer - (51303200)



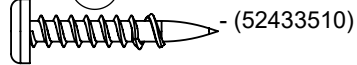
10pc. **MB1** - Pan Bolt #12 x 1/2" - (53433602)



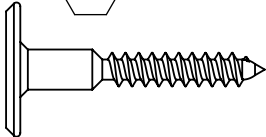
24pc. **S0** - Truss Screw #8 x 7/8" - (52933505)



28pc. **S10** - Pan Screw #8 x 1"



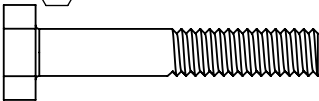
4pc. **WL3** - Wafer Lag 1/4 x 1-3/8" - (52613216)



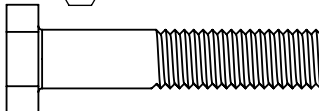
32pc. **S2** - Wood Screw #8 x 1-1/2" - (52043512)



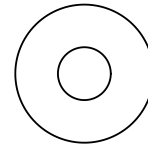
2pc. **H1** - Hex Bolt 1/4 x 1-1/2" - (53703212)



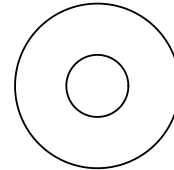
4pc. **G1** - Hex Bolt 5/16 x 1-1/2" - (53703312)



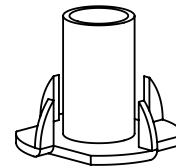
6pc. **FW1** - 1/4" Flat Washer - (51103200)



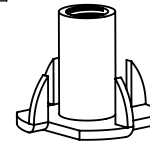
4pc. **FW2** - 5/16" Flat Washer - (51103300)



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



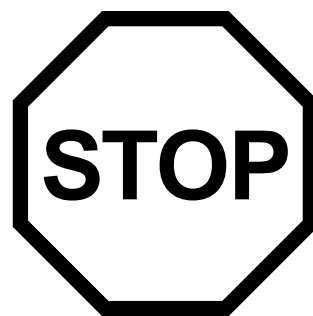
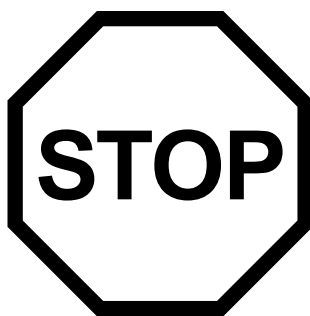
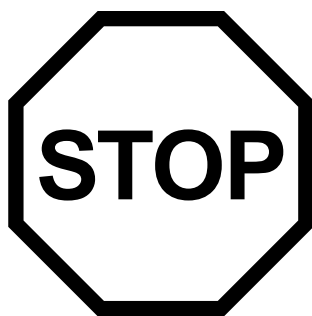
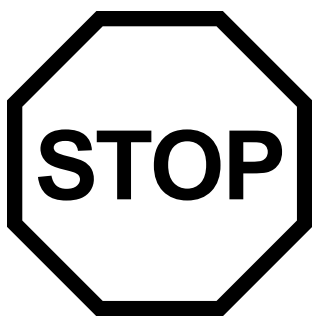
2pc. **TN1** - 1/4" T- Nut - (54503200)



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

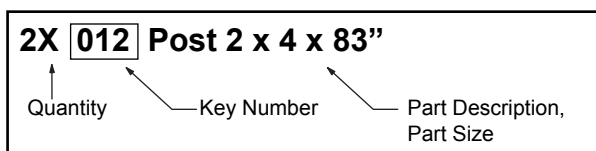


Step 1: Inventory Parts - Read This Before Starting Assembly



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

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



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

- Please refer to Page 6 for proper hardware assembly.
 - Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.

1.800.933.0771 or 972.385.0100
customerservice@kidkraft.com
canadacustomerservice@kidkraft.com
For online parts replacement visit
<https://parts.kidkraft.com/>

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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 on pages 1 - 6.
- D.** Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the KidKraft ID Plaque (9320370).
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F24866

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

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

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

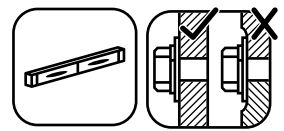
CARTON I.D. STAMP: _ _ _ _ _ 14459 _ (Box 5)

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

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

Main Fort Assembly

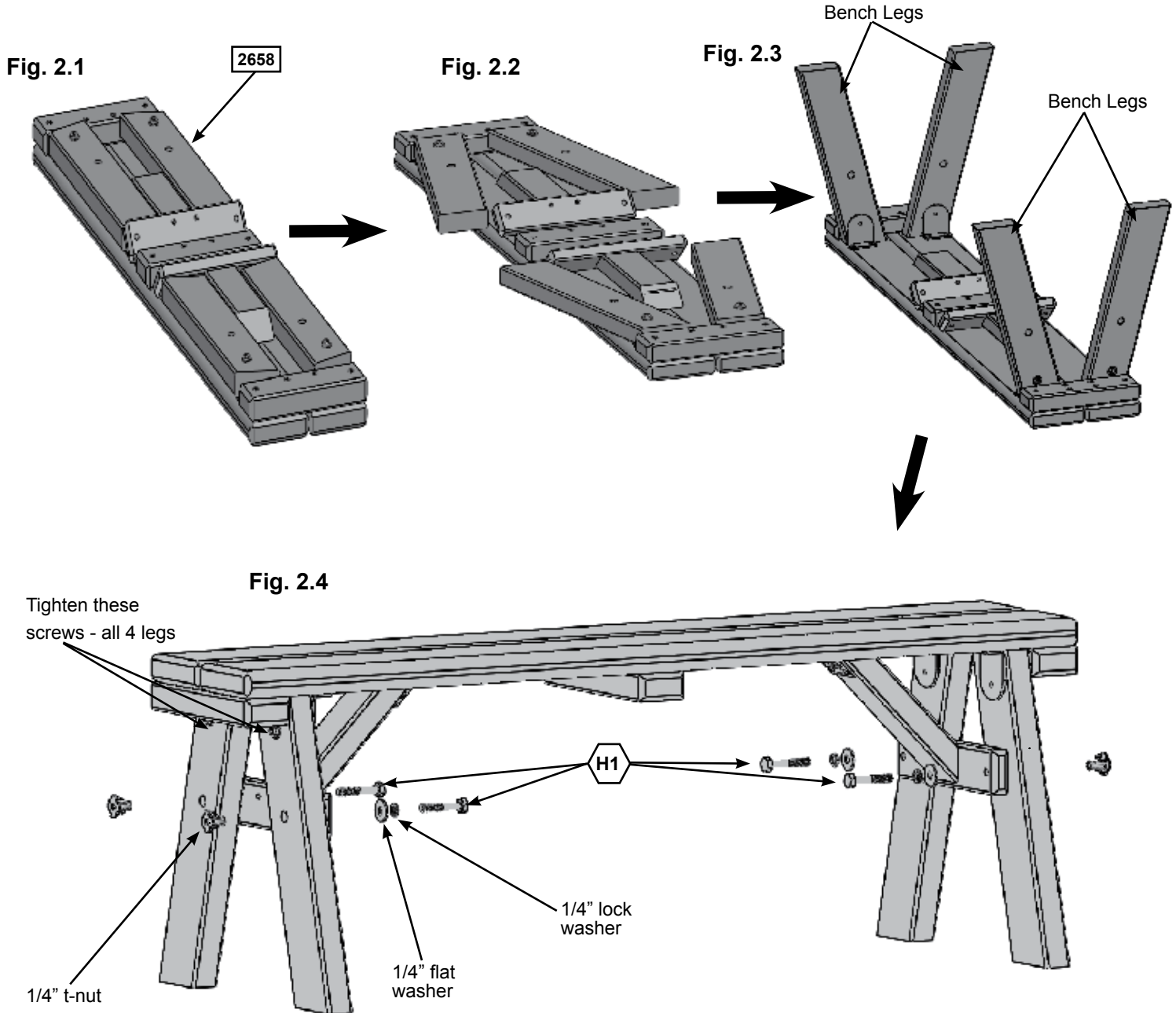
Step 2: Bench Assembly



A: Open the (2658) Folding Bench Assembly. (fig. 2.1, 2.2 and 2.3)

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. 2.4)

C: Tighten the top screws in all 4 Bench Legs. (fig. 2.4)



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)

Step 3: Frame Assembly Part 1



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

A: Place (2627) SW Wall Panel between 2 (2618) Front Back Panels noticing the panel orientations. The tops and bottoms of the panels should be flush. Make sure the panels are square then using the pilot holes as a guide pre-drill with a 3/16" drill bit and fasten the front (2618) Front Back Panel to (2627) SW Wall Panel and (2627) SW Wall Panel to the back (2618) Front Back Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 3.1, 3.2 and 3.3)

Fig. 3.1
Top View

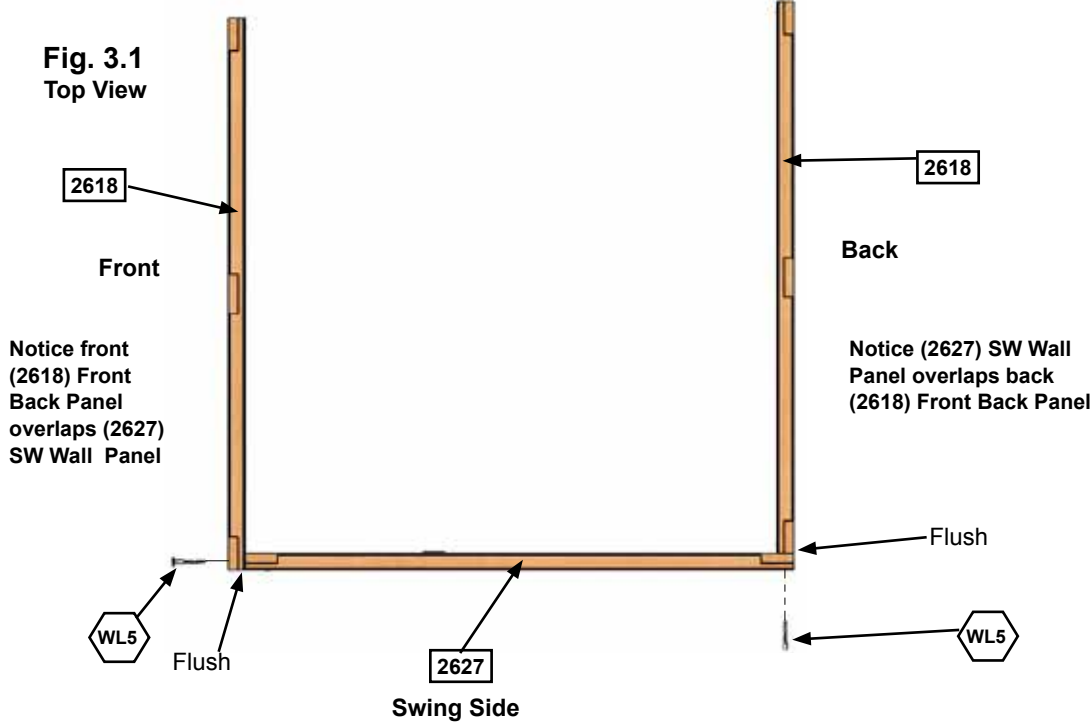


Fig. 3.3

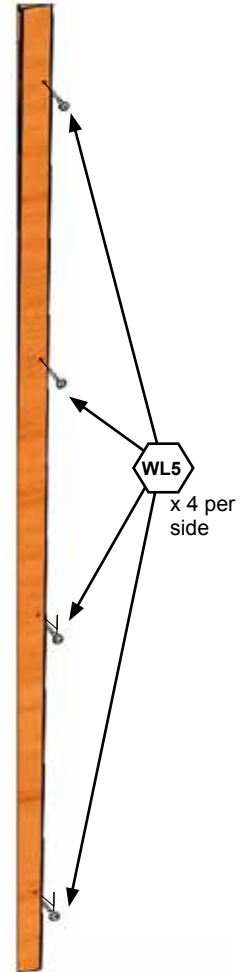
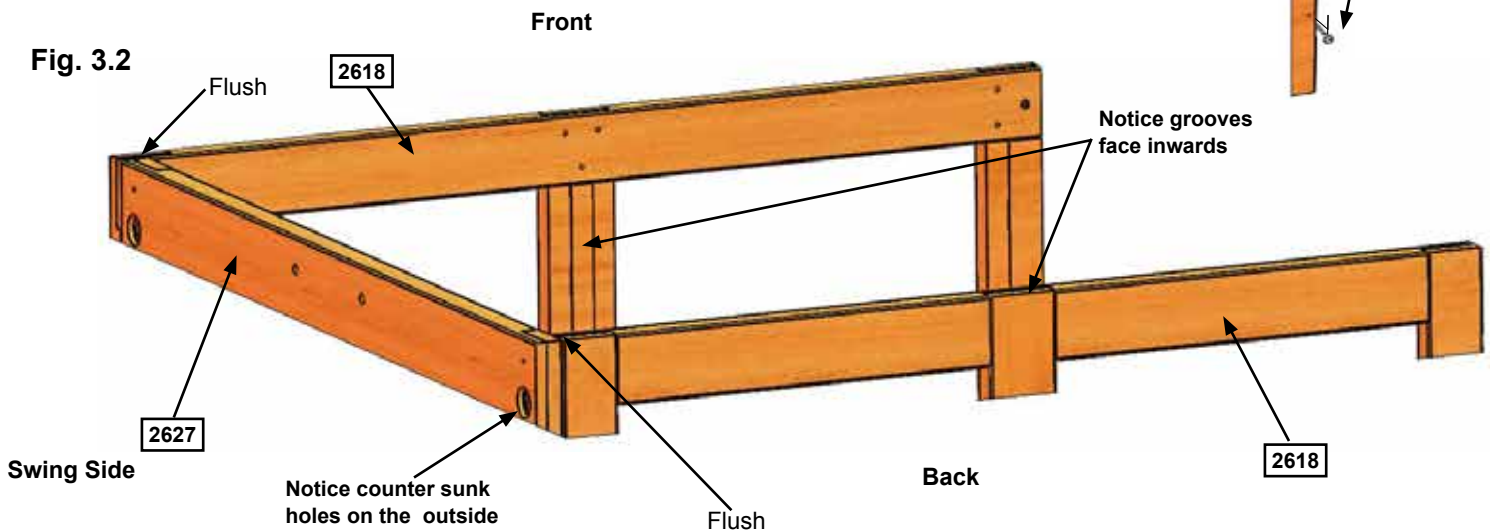


Fig. 3.2



Wood Parts

- 2 x **2618** Front Back Panel 1-1/4 x 42 x 87"
- 1 x **2627** SW Wall Panel 1-1/4 x 42 x 87"

Hardware

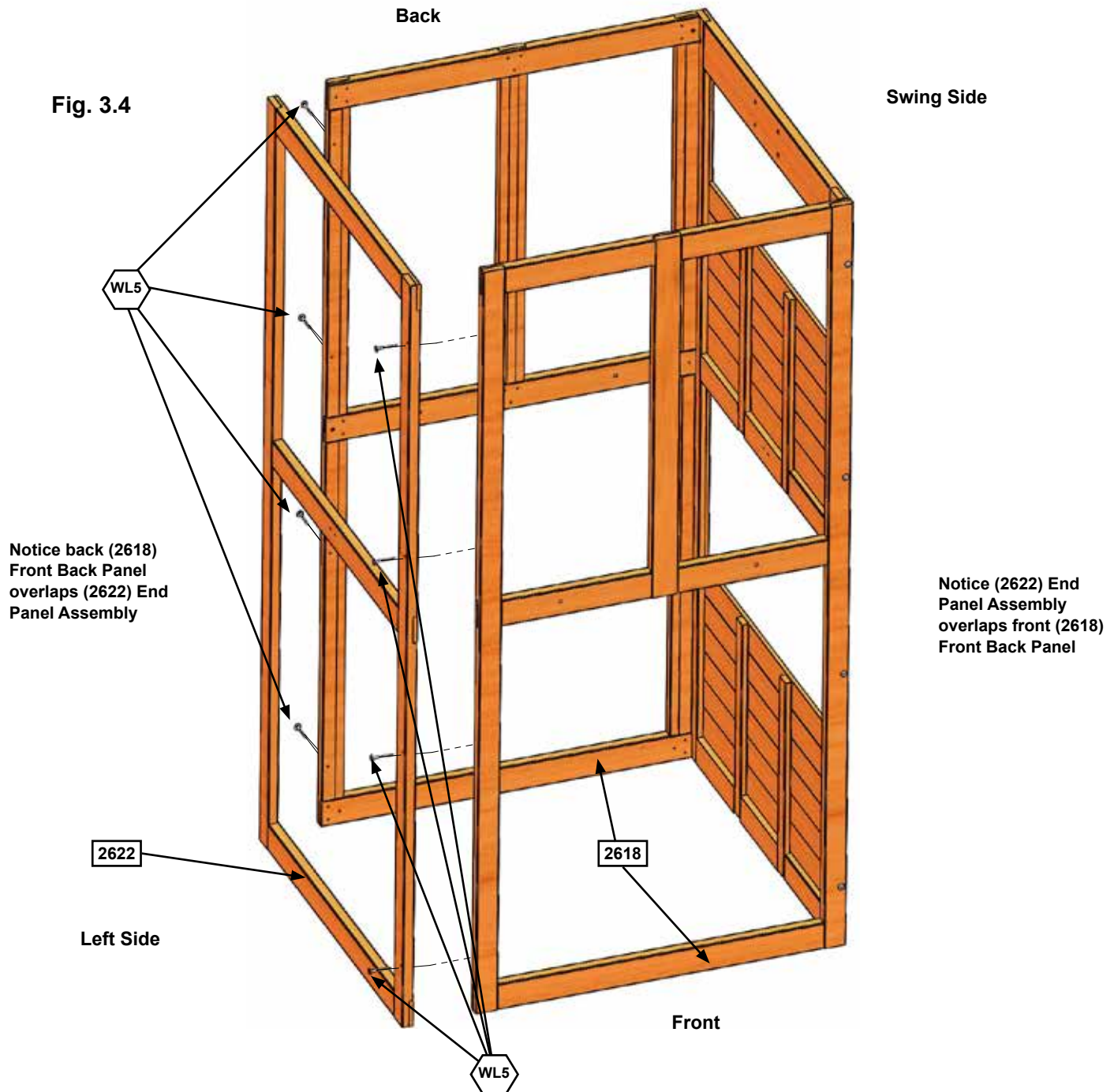
- 8 x **WL5** 1/4 x 2-1/2" Wafer Lag

Step 3: Frame Assembly Part 2



B: Place (2622) End Panel Assembly between both (2618) Front Back Panels noticing the panel orientations. The tops and bottoms of the panels should be flush. Make sure the panels are square then using the pilot holes as a guide pre-drill with a 3/16" drill bit and fasten the back (2618) Front Back Panel to (2622) End Panel Assembly and (2622) End Panel Assembly to the front (2618) Front Back Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 3.4)

Fig. 3.4



Wood Parts

1 x 2622 End Panel Assembly 1-1/4 x 42 x 87"

Hardware

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

Step 4: Floor Assembly Part 1



A: From inside of the assembly centre (2608) Floor Joist over pilot holes in (2622) End Panel Assembly and (2627) SW Wall Panel, 5/8" down from the top of board then attach (2608) Floor Joist to each panel with 2 (S4) #8 x 3" Wood Screws per end. (fig.4.1, 4.2 and 4.3)

Fig. 4.1
Top View

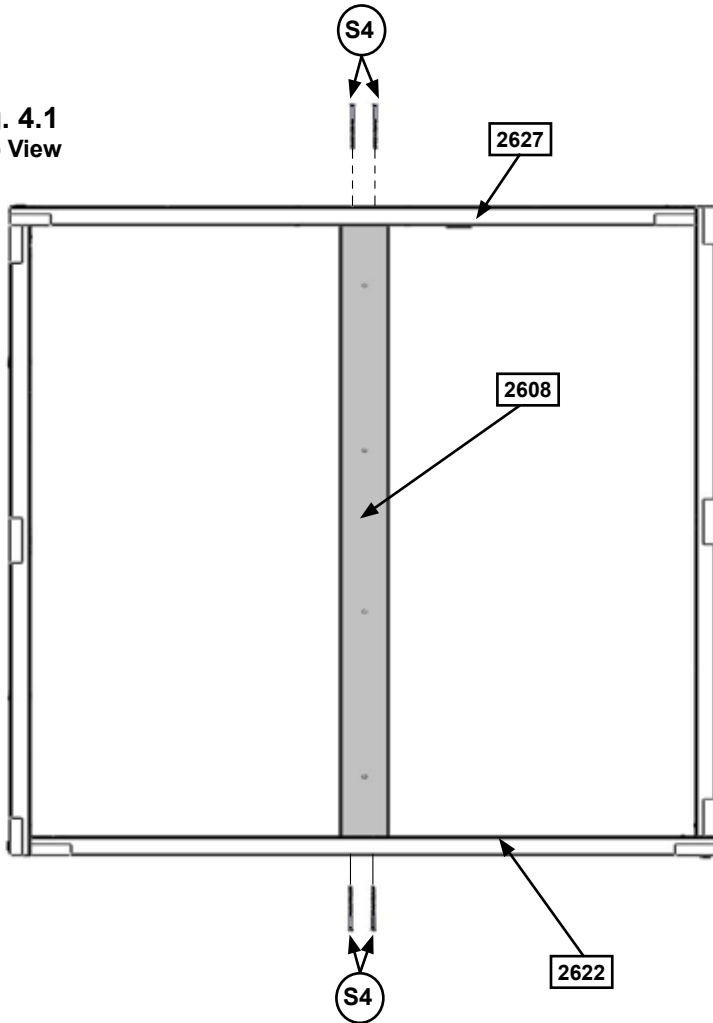


Fig. 4.3

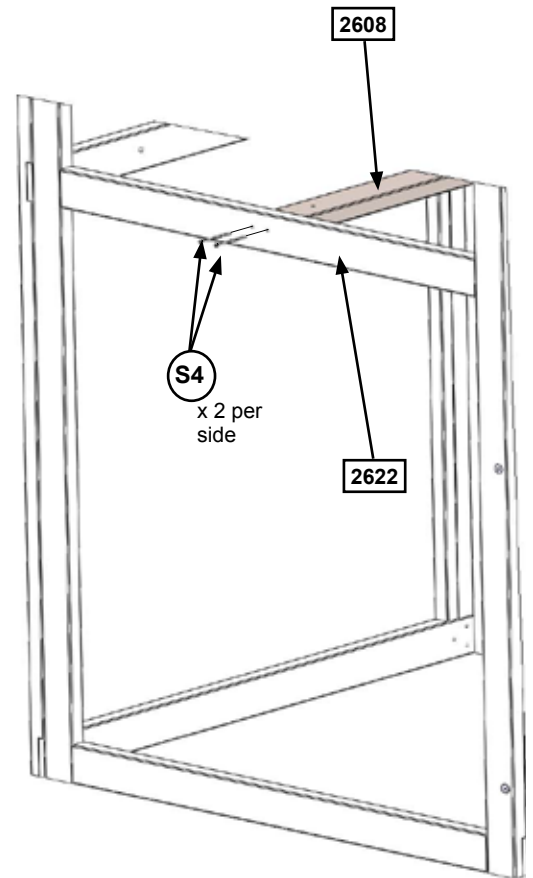
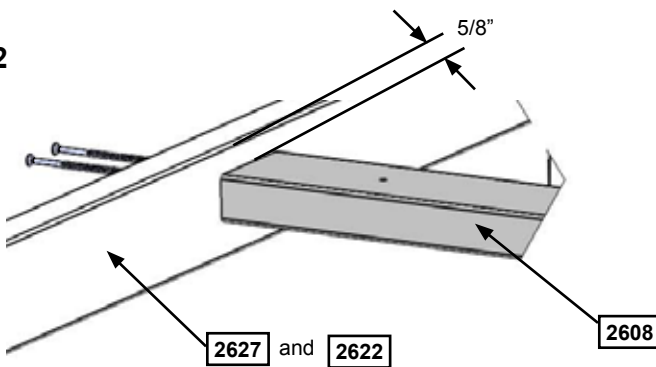


Fig. 4.2



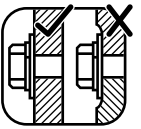
Wood Parts

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

Hardware

4 x S4 #8 x 3" Wood Screw

Step 4: Floor Assembly Part 2



B: On both (2618) Front Back Panels attach 1 (2610) Side Joist to the inside of each panel with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) and 4 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 4.4 and 4.5.

Fig. 4.4

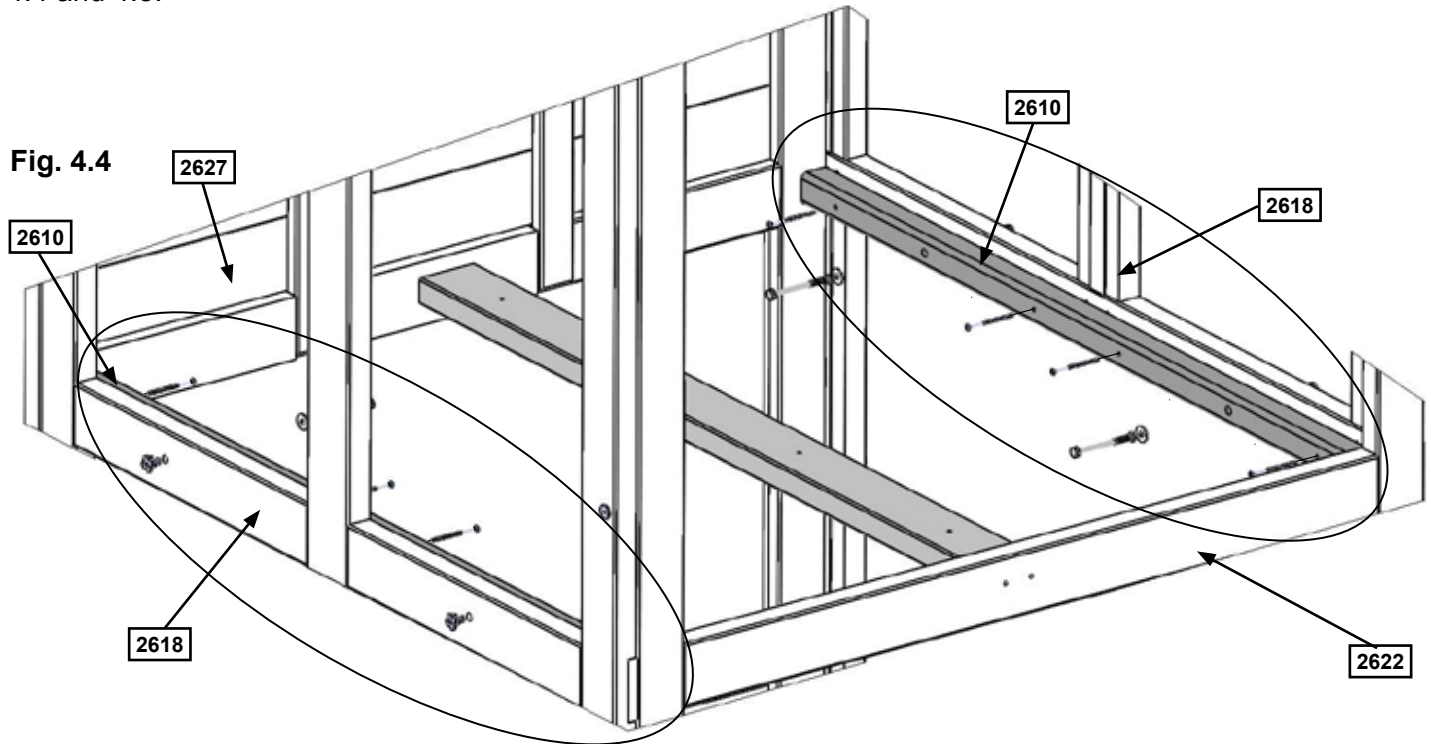
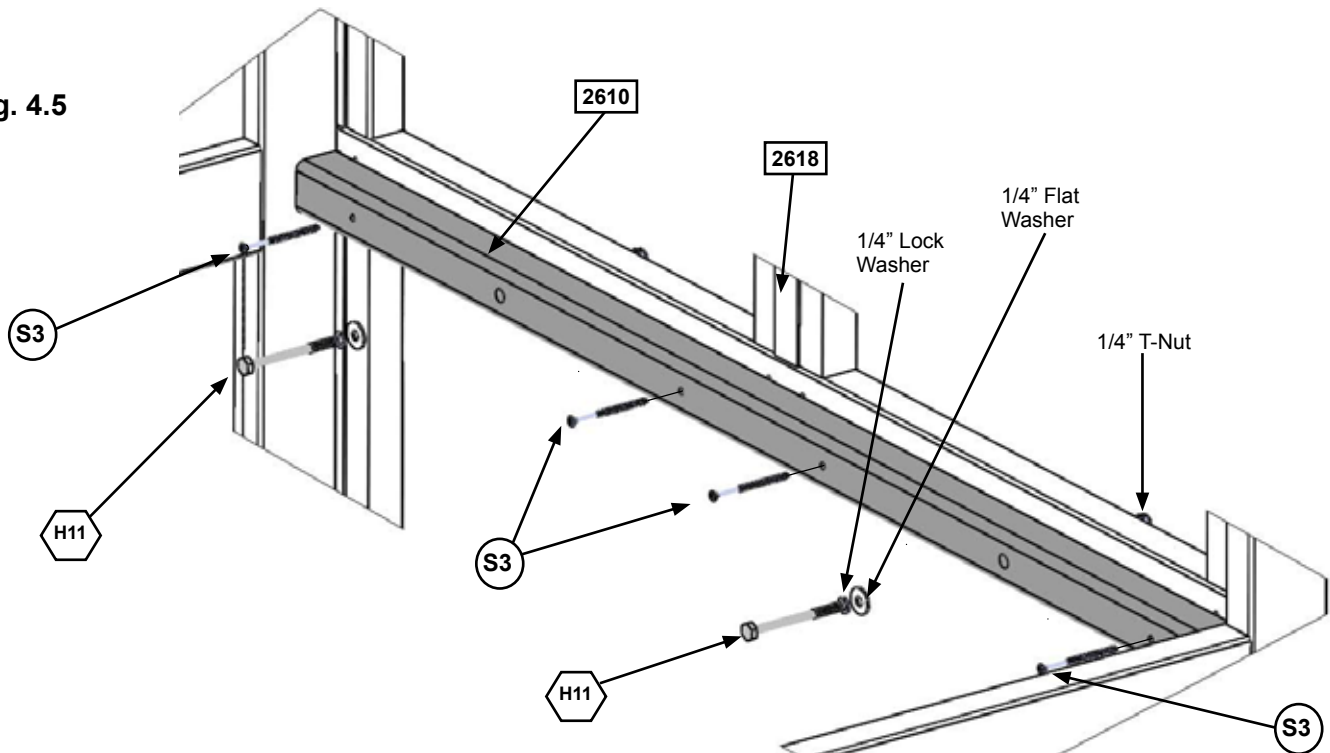


Fig. 4.5



Wood Parts

2 x [2610] Side Joist 2 x 2 x 40-1/4"

Hardware

8 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)

Step 4: Floor Assembly Part 3

C: Starting at (2627) SW Wall Panel place (2648) Floor Board followed by 8 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2608) Floor Joist and each (2610) Side Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 4.6 and 4.7)

Fig. 4.6

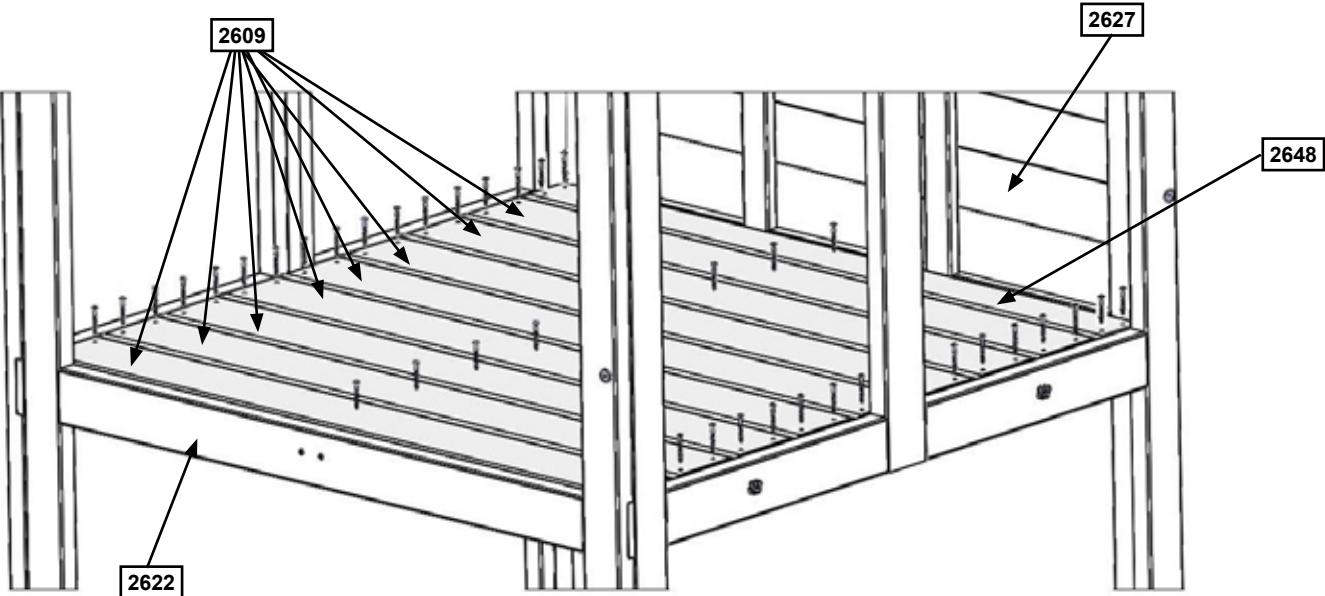
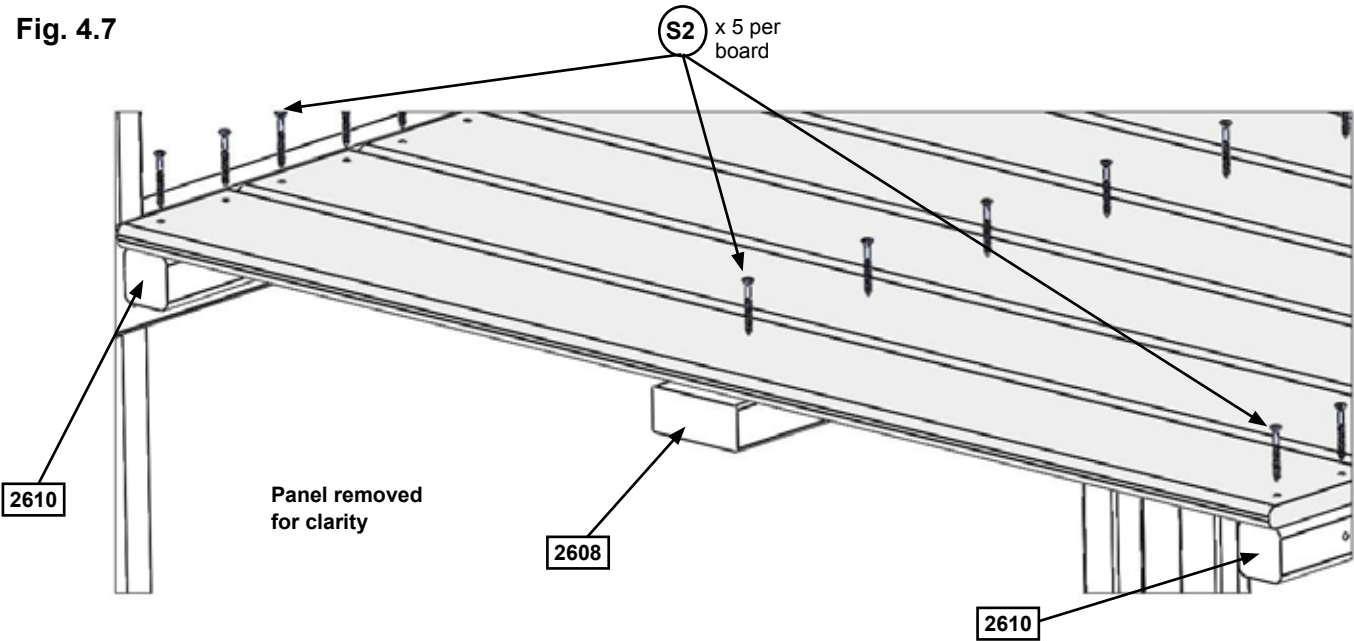


Fig. 4.7



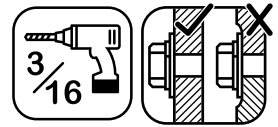
Wood Parts

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

Step 5: Attach SW Ground and Diagonal



A: Loosely attach 1 (2606) SW Ground to each (2607) Diagonal with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut) per board then place each (2607) Diagonal tight and flush to the front of (2627) SW Wall Panel. (2606) SW Grounds to be flush to the bottom of (2627) SW Wall Panel. (fig. 5.1 and 5.2)

B: Pre-drill pilot hole with a 3/16" drill bit then attach each (2607) Diagonal to (2627) SW Wall Panel with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per board, checking that they remain flush to outside edge. (fig. 5.1 and 5.2)

C: Make sure bottom of each (2606) SW Ground is flush to bottom of (2627) SW Wall Panel then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw per board. Tighten all bolts. (fig. 5.1 and 5.2)

Fig. 5.1

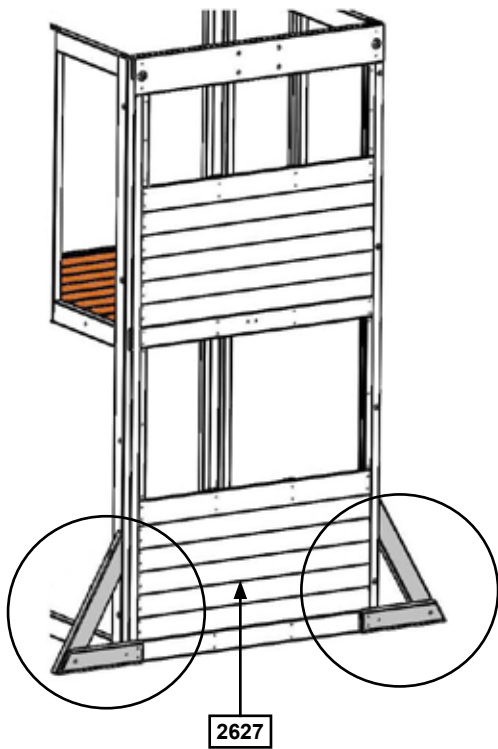
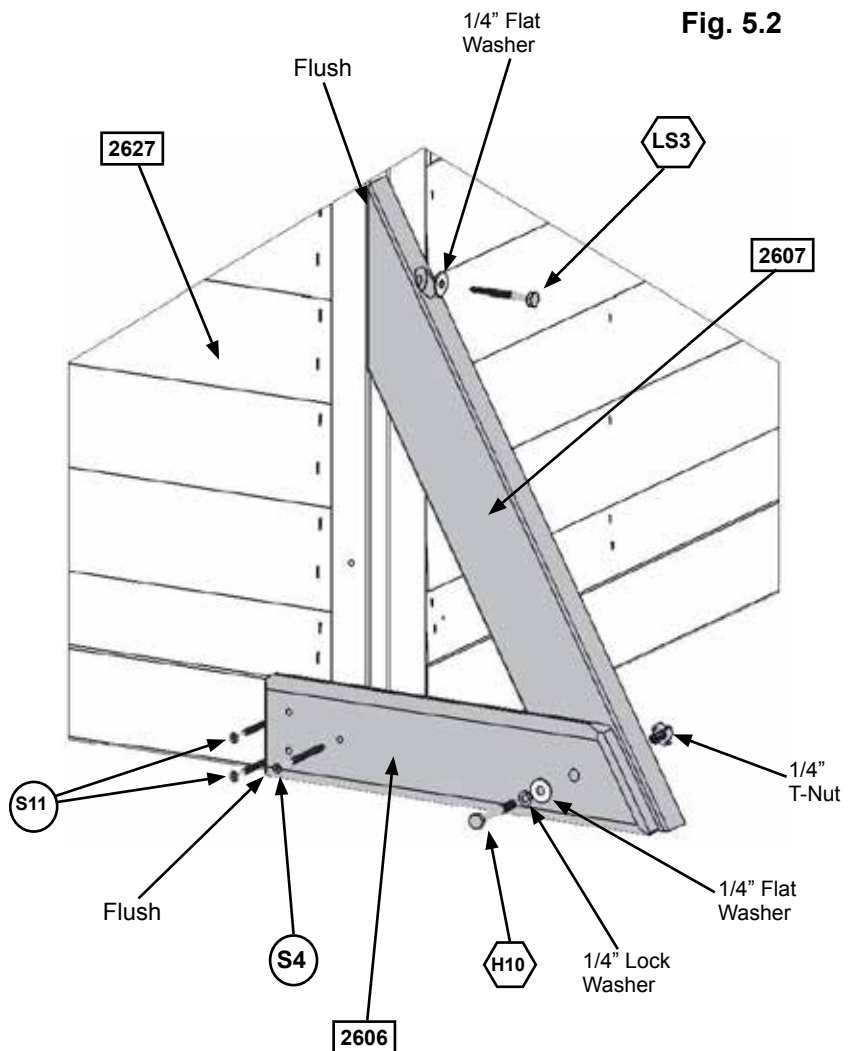


Fig. 5.2



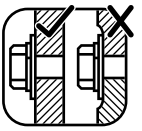
Wood Parts

- 2 x 2606 SW Ground 5/4 x 4 x 14-1/4"
- 2 x 2607 Diagonal 1-1/4 x 3 x 22"

Hardware

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

Step 6: Swing Beam Assembly



A: Attach 4 Swing Hangers to Fort End of (2614) Engineered Beam and 2 Glider Hangers to the Glider End using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger and Glider Hanger, as shown in fig. 6.1.

B: Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 6.2)

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. 6.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

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

Fig. 6.1

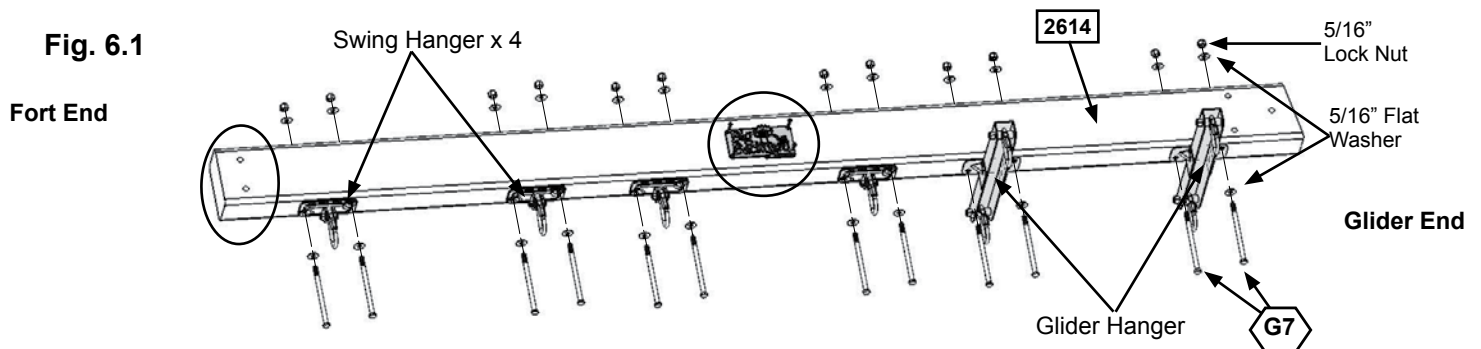


Fig. 6.2

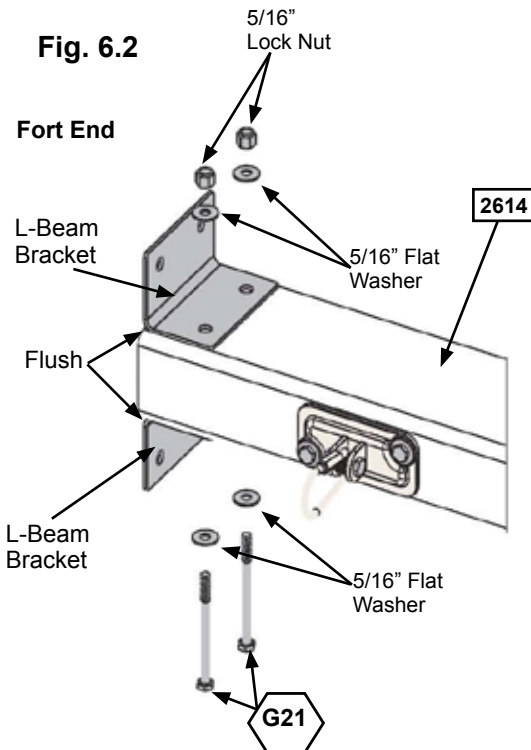


Fig. 6.3

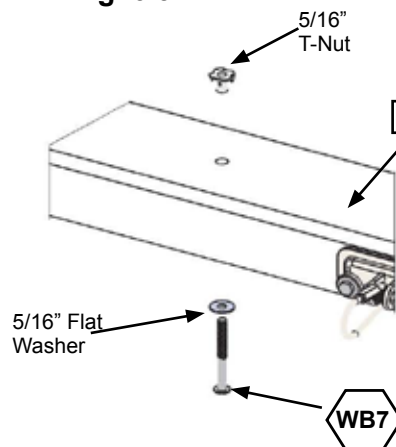
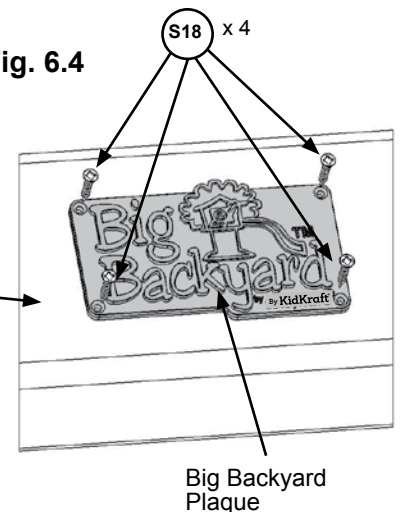


Fig. 6.4



Wood Parts

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

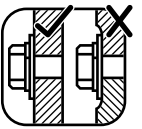
Hardware

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

4 x Swing Hangers
 2 x Glider Hanger
 2 x L-Beam Bracket
 1 x Big Backyard Plaque

Step 7: Swing End Assembly

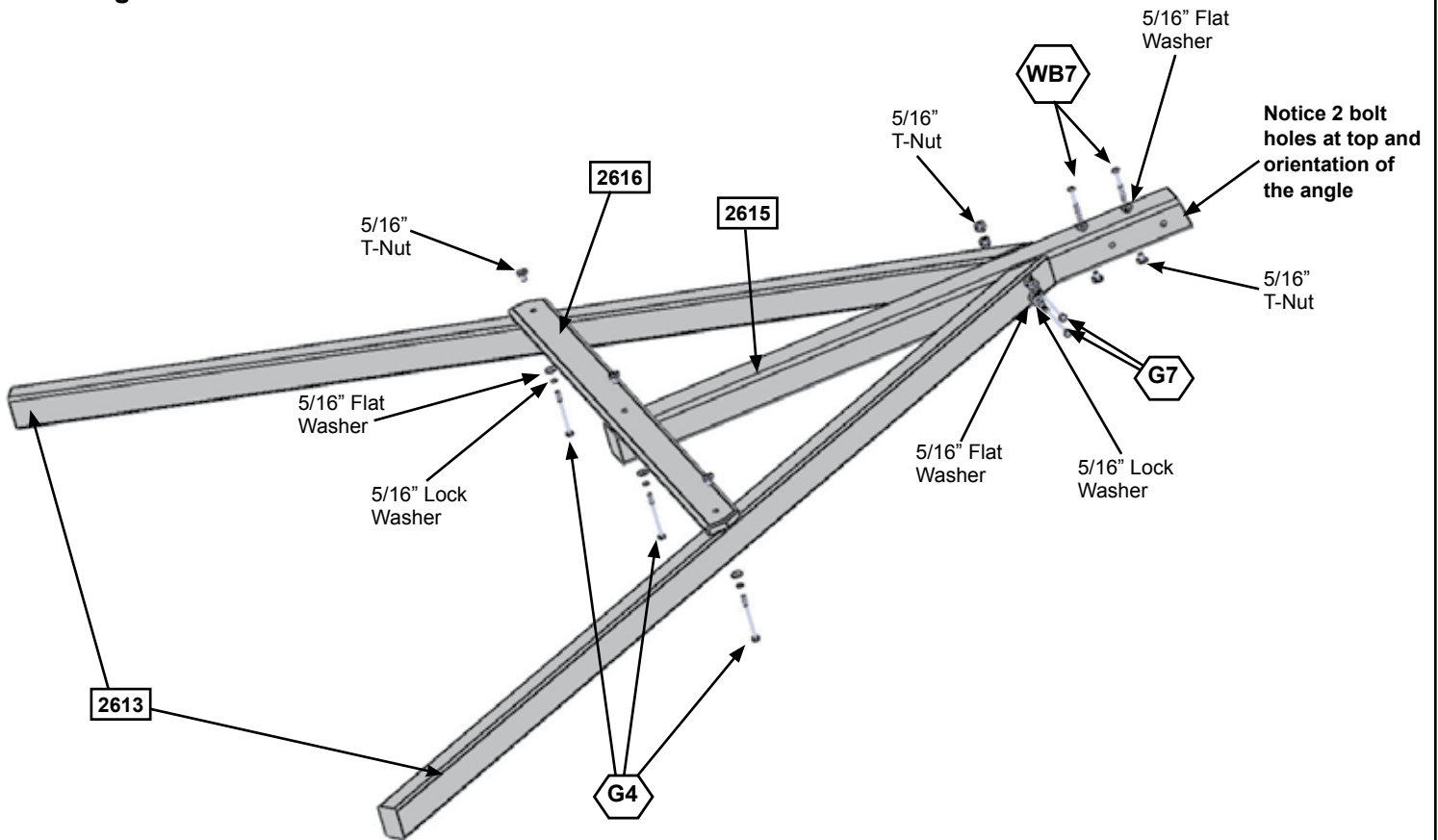


A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

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. 7.1)

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. 7.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 7.1



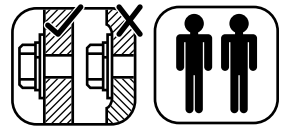
Wood Parts

- 2 x 2613 Heavy SW Post 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"

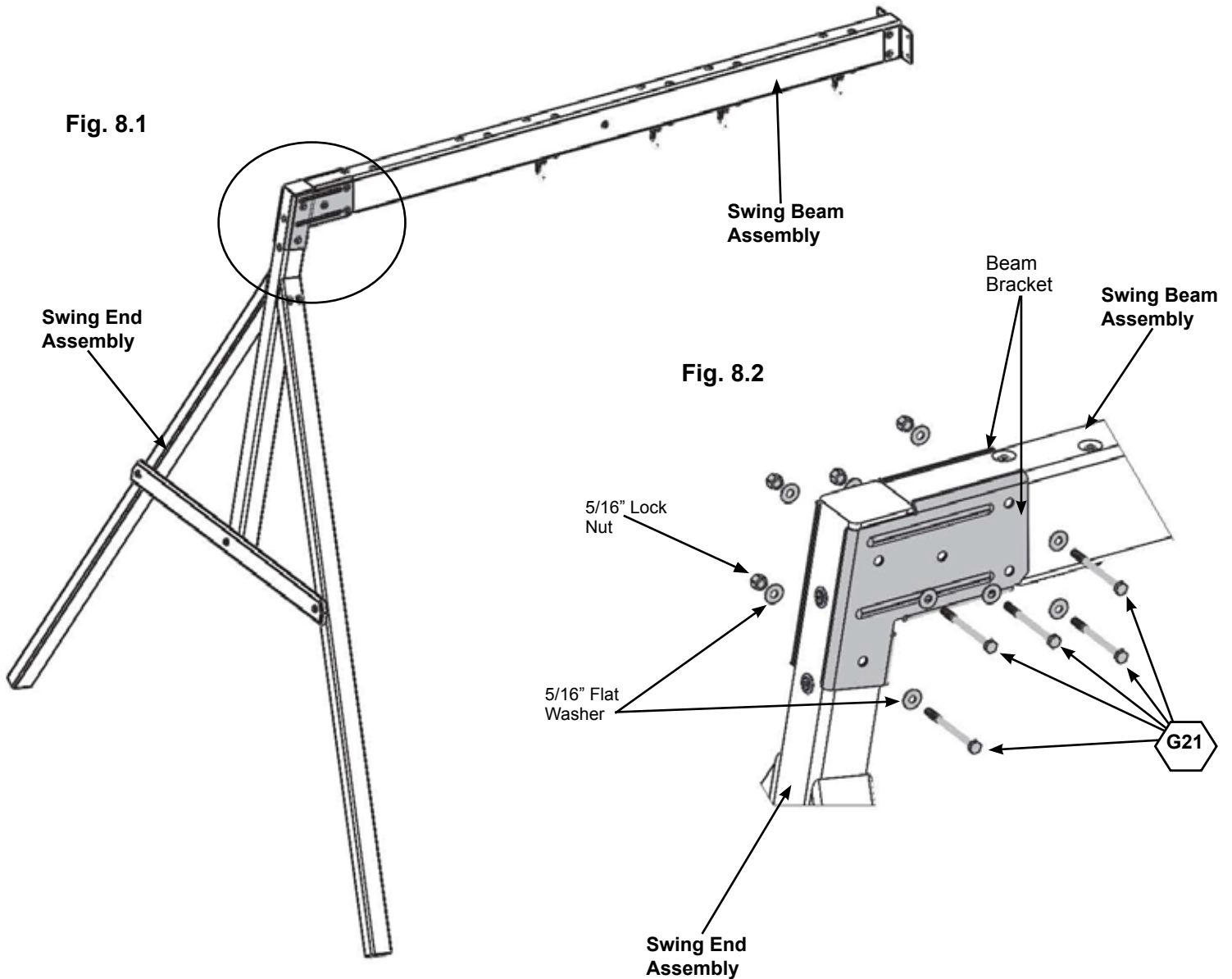
Hardware

- 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 8: Attach Swing End to Swing Beam



A: Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 8.1 and 8.2)



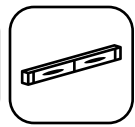
Hardware

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

Other Parts

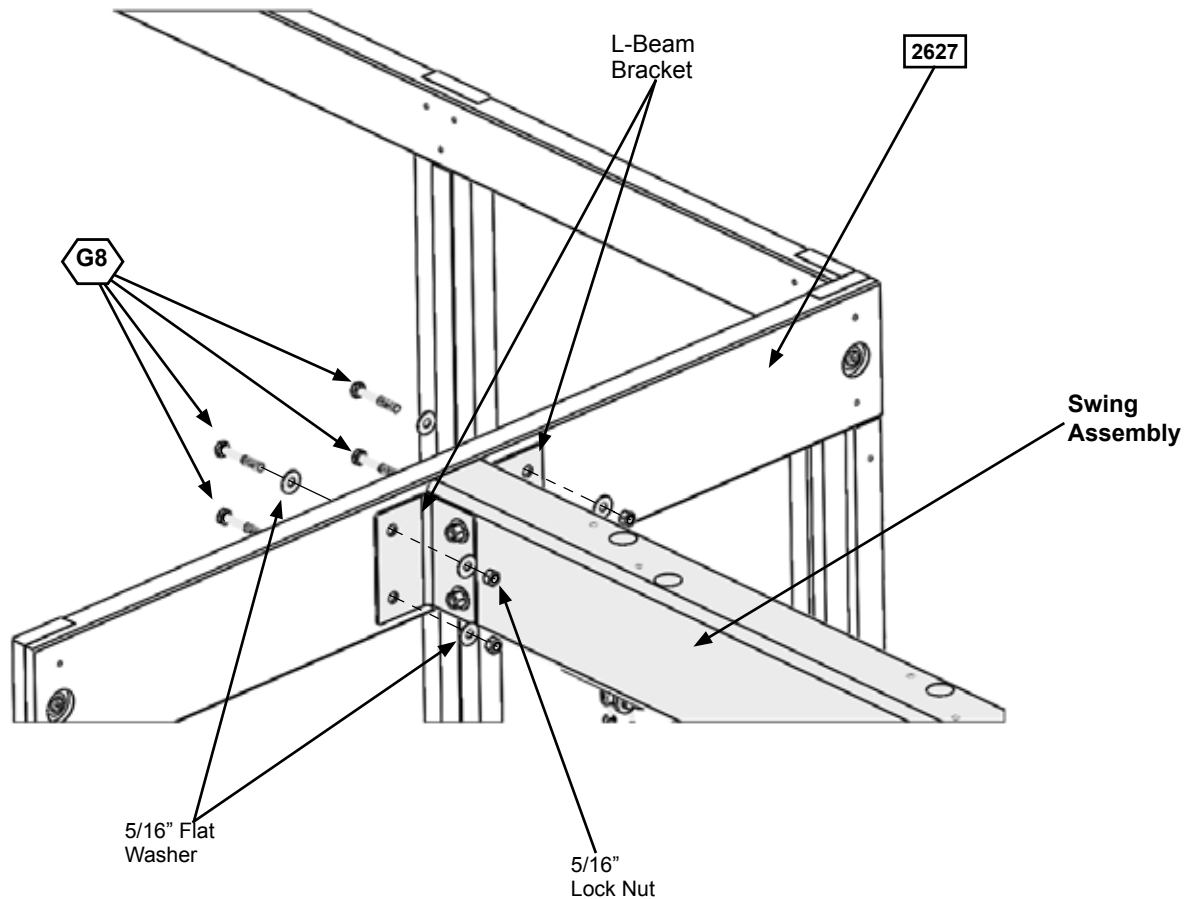
2 x Beam Bracket (Left/Right)

Step 9: Attach Swing Assembly To Fort



A: Place Swing Assembly against top of (2627) SW Wall Panel, 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. 9.1)

Fig. 9.1



Hardware

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

Step 10: Install Ground Stakes

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

A: In the 5 places shown in (fig. 10.1) drive the Rebar Ground Stakes 13" into the ground against outside front corner of (2622) End Panel Assembly, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes using 1 (S7) #12 x 2" Pan Screw per ground stake (fig. 10.2 and 10.3).

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

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

Fig. 10.1

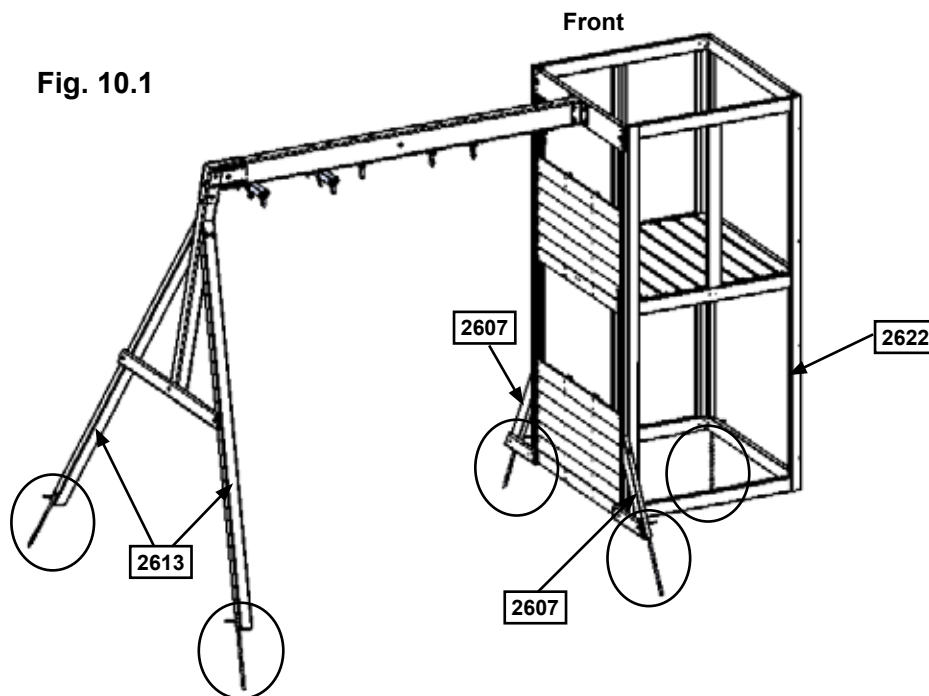


Fig. 10.2

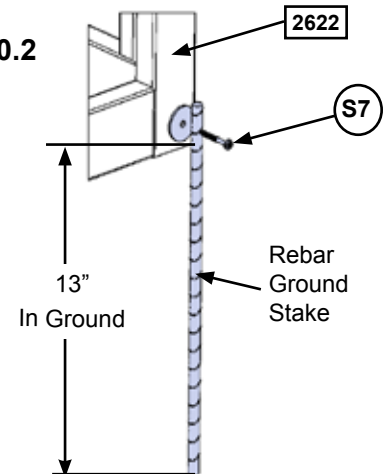
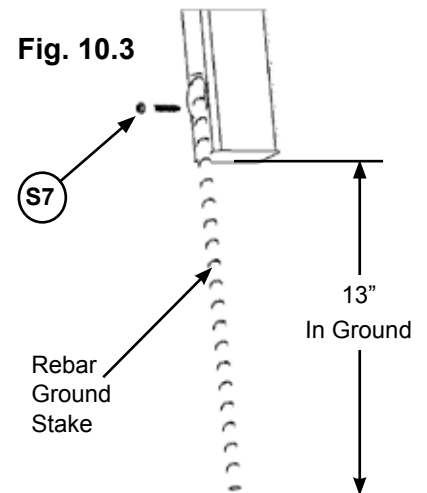


Fig. 10.3



Hardware

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

Other Parts

5 x Rebar Ground Stake

Step 11: Install Upper and Lower Jambs



A: In the upper opening of (2622) End Panel Assembly place 1 (2602) Upper Jamb so it measures 17" to the inside of each post then attach with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.1, 11.3, 11.4 and 11.5)

B: In the lower opening of the front (2618) Front Back Panel place 1 (2601) Lower Jamb so it measures 17" to the inside of each post then attach with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.2, 11.3, 11.4 and 11.5).

Fig. 11.1

Outside View

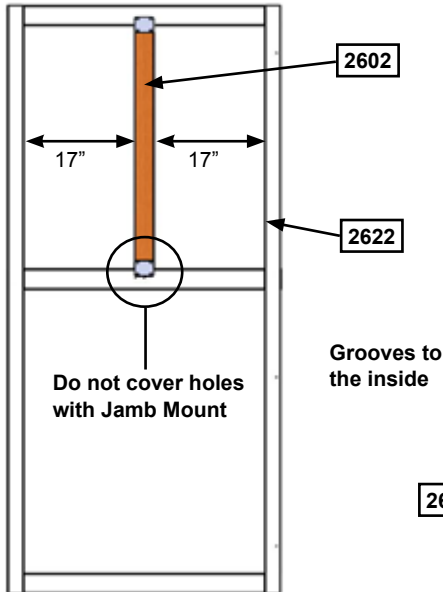


Fig. 11.2

Outside View

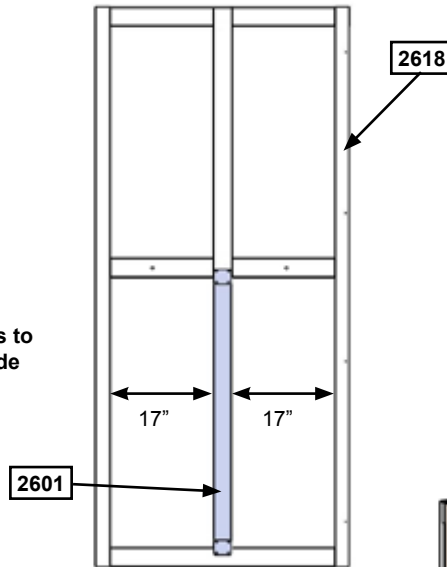


Fig. 11.3

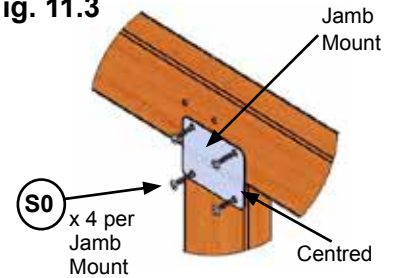


Fig. 11.5

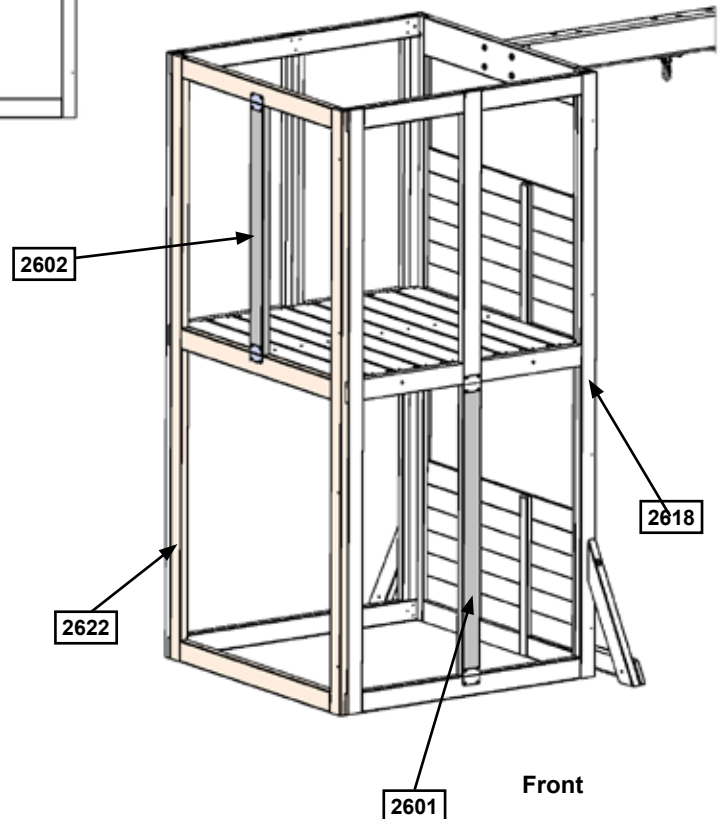
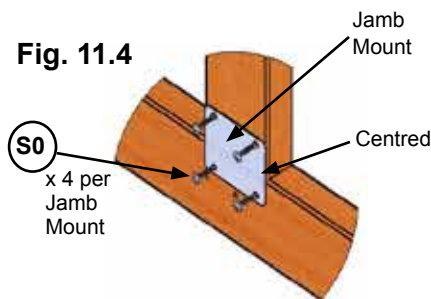


Fig. 11.4



Wood Parts

- 1 x 2602 Upper Jamb 1-1/4 x 3 x 35-15/16"
- 1 x 2601 Lower Jamb 1-1/4 x 3 x 41-15/16"

Hardware

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

Other Parts

- 4 x Jamb Mount

Step 12: Install Window and Wall Inserts

Part 1 - Front Wall

A: In the lower openings of the front (2618) Front Back Panel install 1 (649A) Short Half Wall with 4 (S0) #8 x 7/8" Truss Screws and 1 (2649) Lower Window Insert with 9 (S0) #8 x 7/8" Truss Screws. (fig. 12.1, 12.2, 12.3 and 12.4)

B: In the upper openings of the front (2618) Front Back Panel install 2 MOD 3-Pane Transoms with 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.1, 12.2 and 12.5)

Fig. 12.1

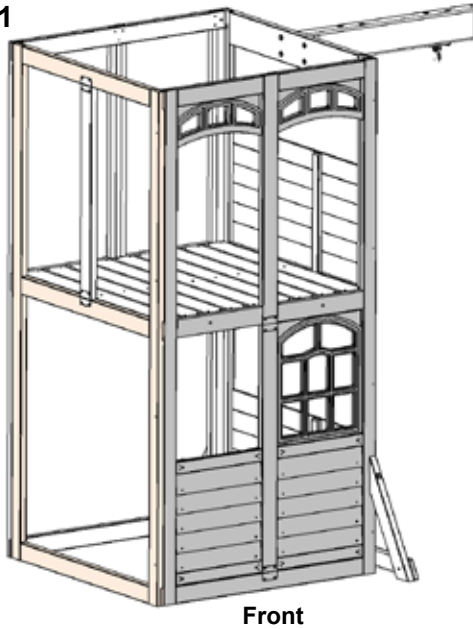


Fig. 12.2
Outside View

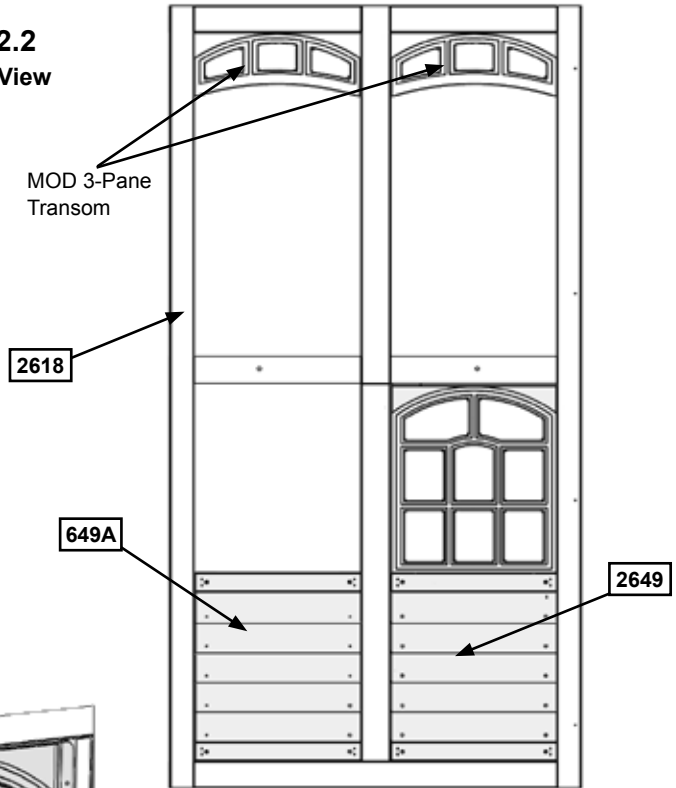


Fig. 12.4
Inside View

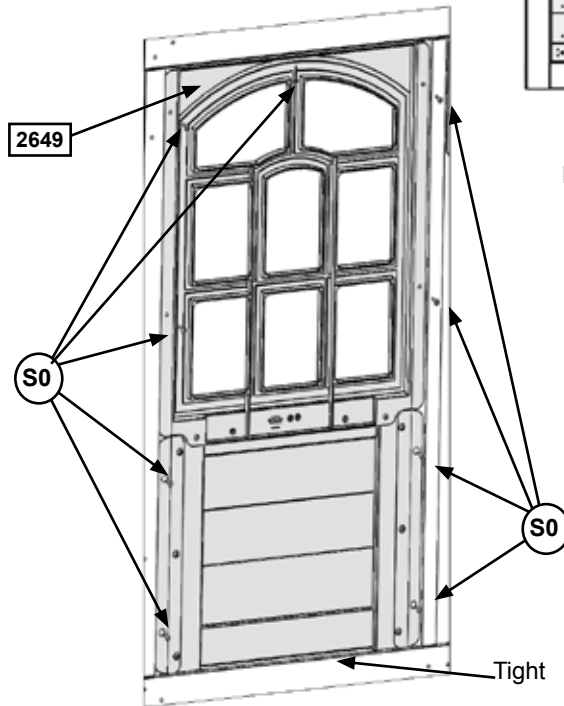


Fig. 12.3
Inside View

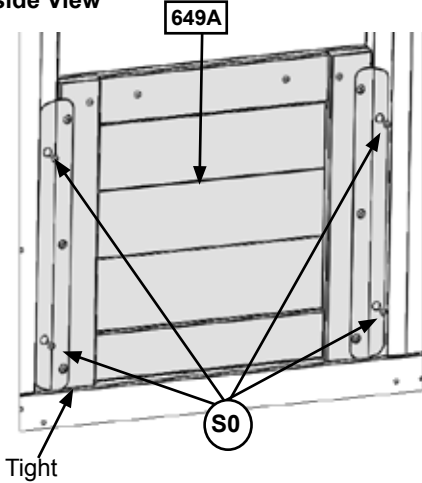
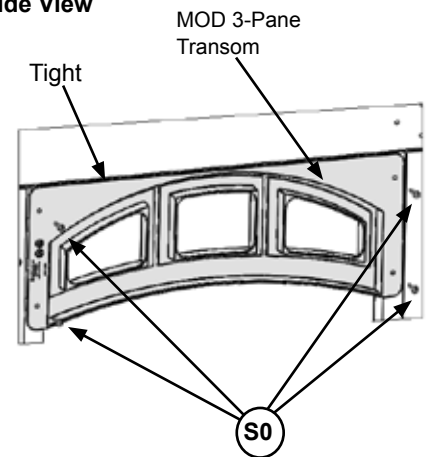


Fig. 12.5
Inside View



Wood Parts

- 1 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

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

Other Parts

- 2 x MOD 3-Pane Transom

Step 12: Install Window and Wall Inserts

Part 2 - Left Side

C: On the (2622) End Panel Assembly, on the left side of the assembly install 1 (649A) Short Half Wall in the upper left opening with 4 (S0) #8 x 7/8" Truss Screws. (fig. 12.6 and 12.7)

Fig. 12.6
Left Side

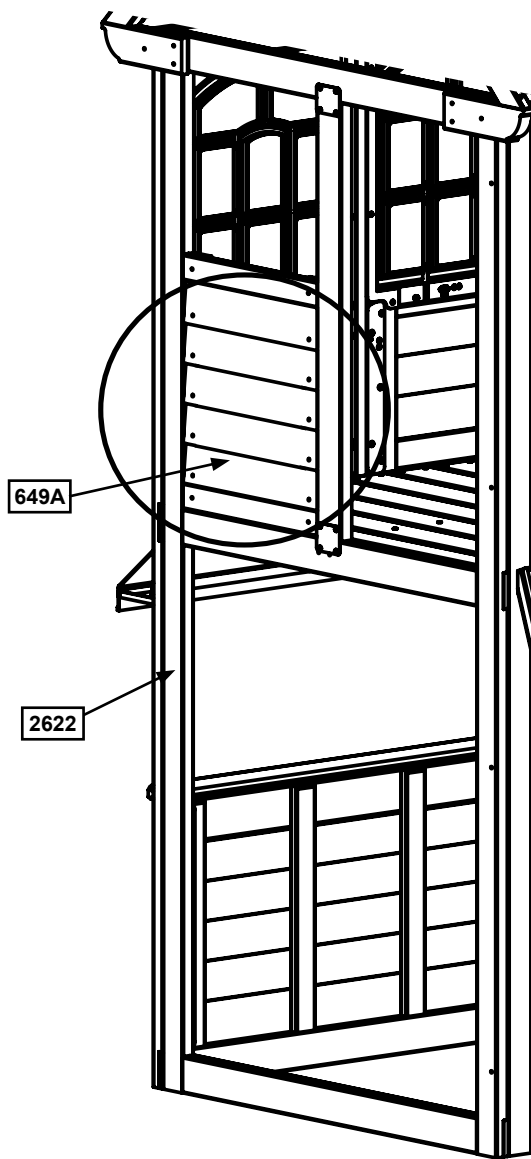
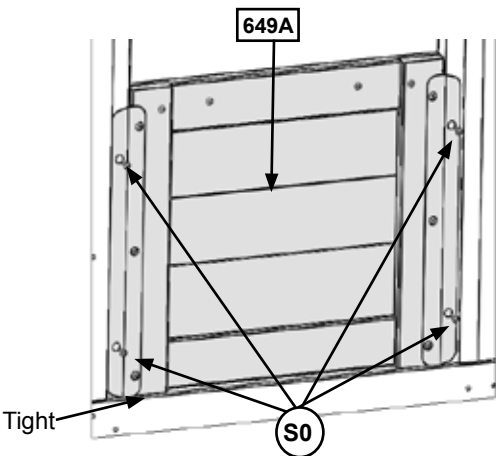


Fig. 12.7
Inside View



Wood Parts

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

Hardware

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

Step 12: Install Window and Wall Inserts

Part 3 - Left Side

A: From inside the fort place the (6039) Lower Tunnel Insert into the bottom of the opening in the tunnel entrance as shown in fig. 12.8 and 12.9. Attach to the Wall Supports using 4 (S0) #8 x 7/8" Truss Screws. (fig. 12.9 and 12.10)

Fig. 12.8
Outside View

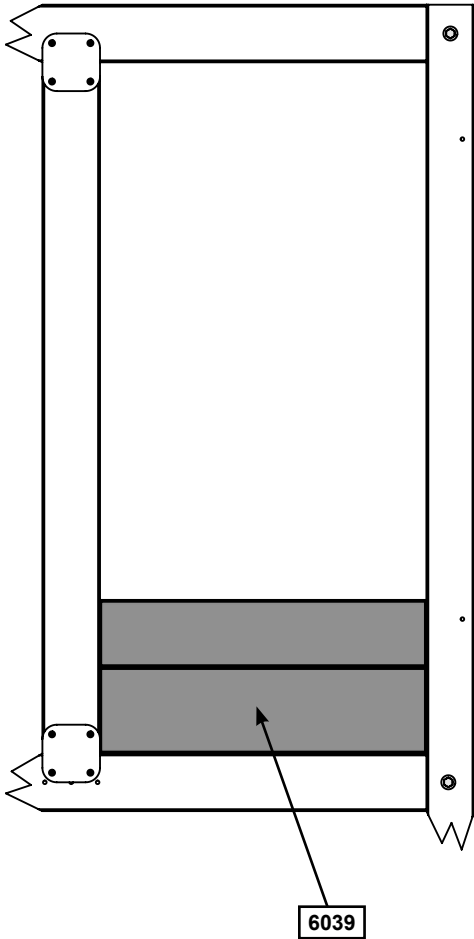


Fig. 12.9
Inside View

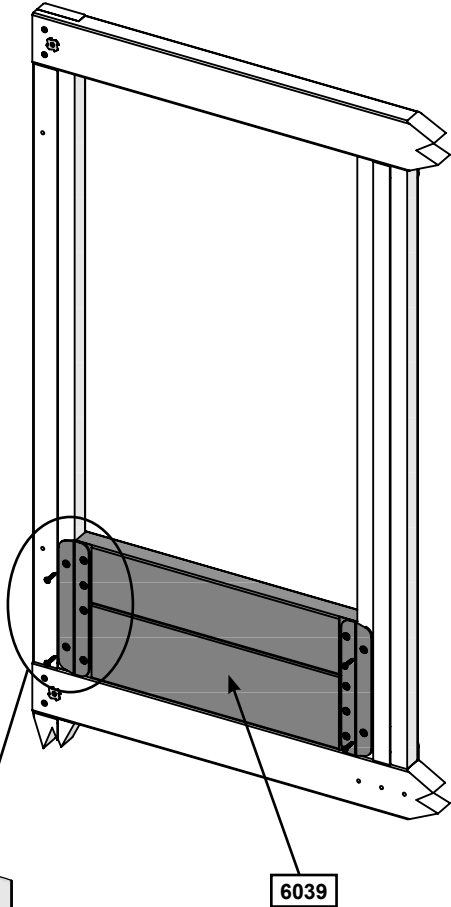
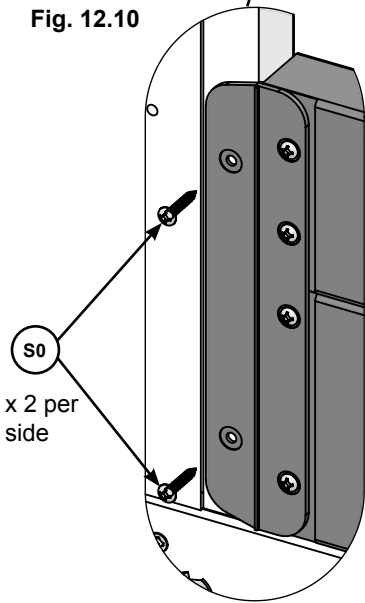


Fig. 12.10



Wood Parts

1 x 6039 Lower Tunnel Insert 32.3 x 203.2 x 477.5mm

Hardware

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

Step 12: Install Window and Wall Inserts Part 4 - Back Side

E: In the places shown in fig. (12.11 and 12.12), on the Back of the assembly install 2 (2655) Upper Window Inserts in the upper openings of (2618) Front Back Panel with 9 (S0) #8 x 7/8" Truss Screws per insert and 1 (2665) Half Wall Insert in the lower opening using 4 (S0) #8 x 7/8" Truss Screws. (fig. 12.11, 12.12, 12.13, 12.14)

Fig. 12.11

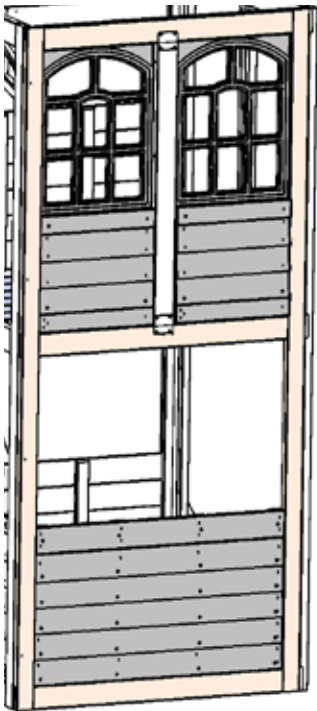


Fig. 12.12

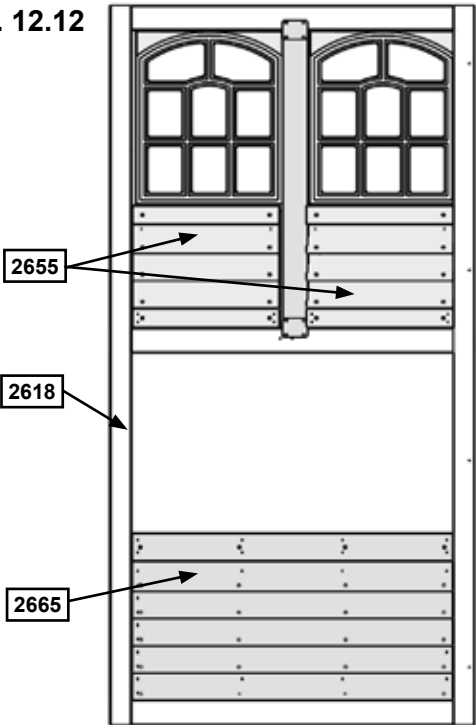


Fig. 12.13
 Inside View

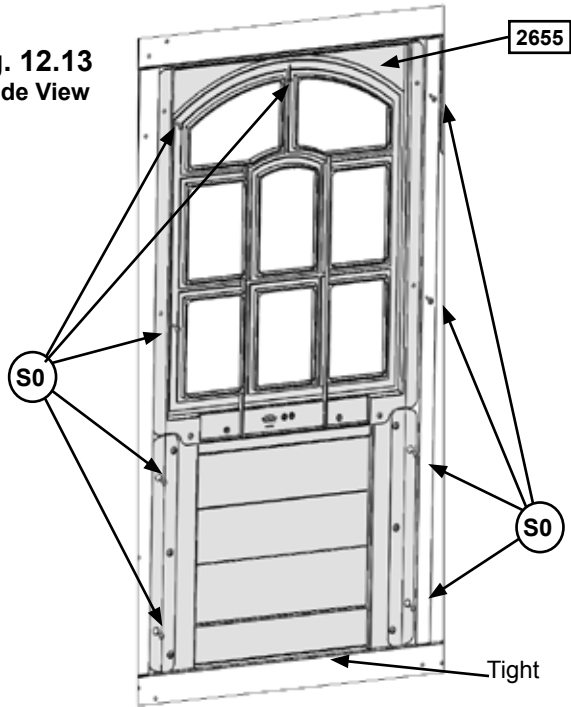
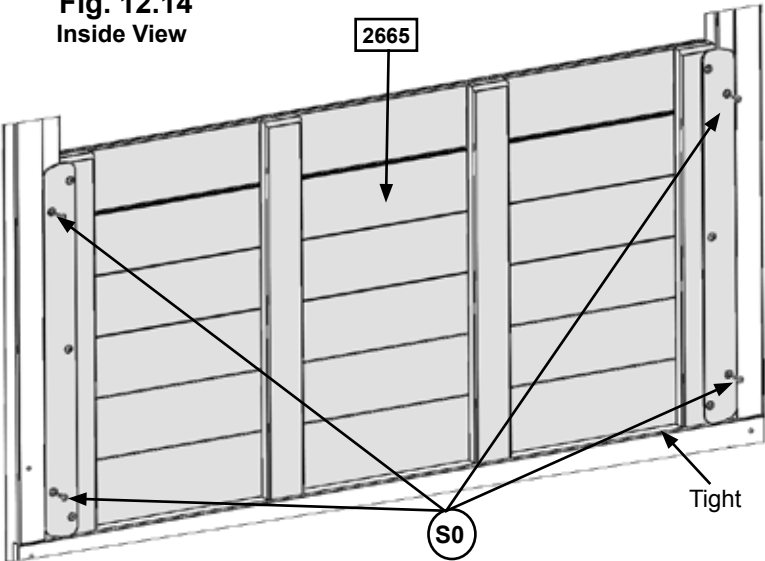


Fig. 12.14
 Inside View



Wood Parts

- 2 x 2655 Upper Window Insert 1.27 x 18.8 x 35.86"
- 1 x 2665 Half Wall Insert 1.4 x 20-1/4 x 38.8"

Hardware

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

Step 13: 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. 13.1)

B: On the Left Side of the Assembly place Clock Assembly centred under window of (2655) Upper Window Insert. Then with a helper attach to (2655) Upper Window Insert and into each (2717) Clock Block with 2 (S2) #8 x 1-1/2" Wood Screws per block. (fig. 13.2, 13.3 and 13.4)

Fig. 13.1
Side View

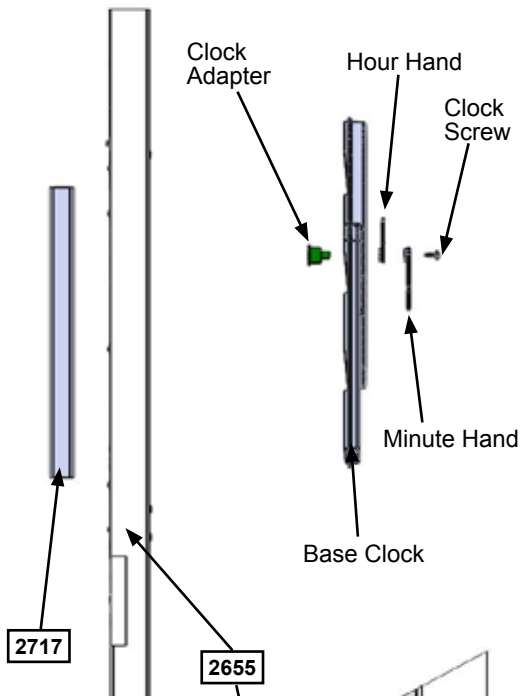


Fig. 13.3
Outside View

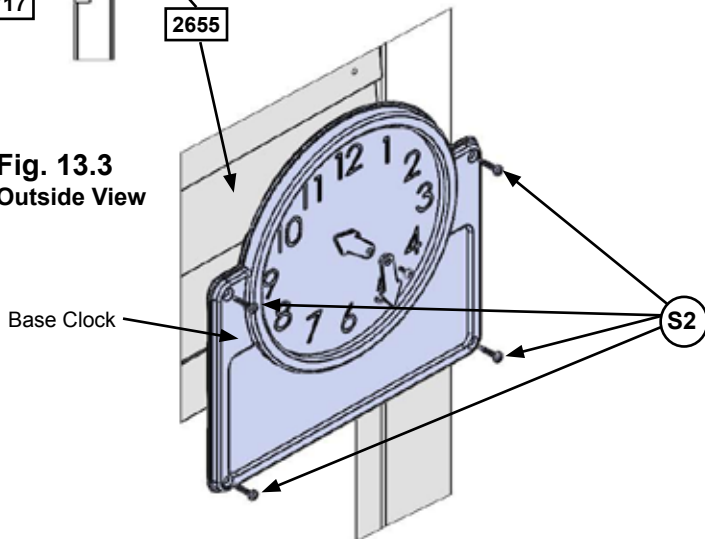


Fig. 13.2

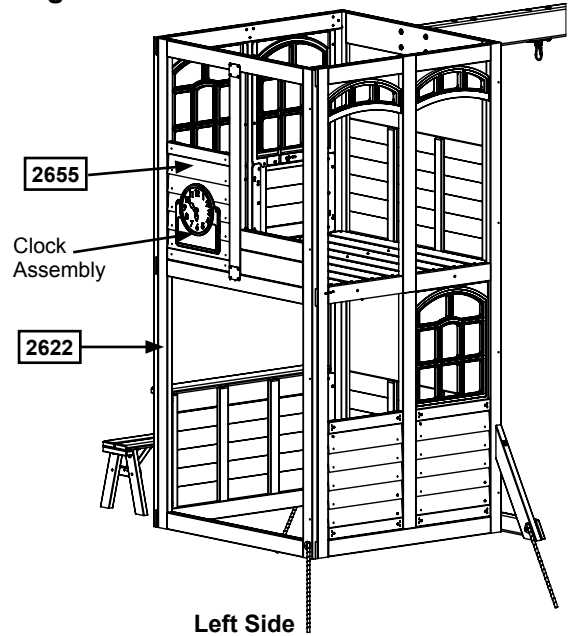
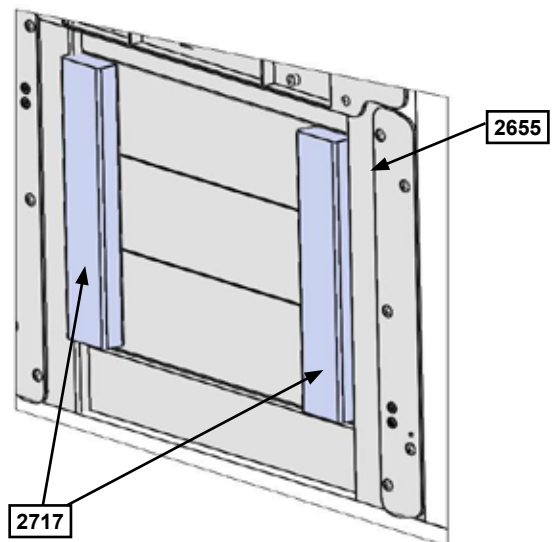


Fig. 13.4
Inside View



Wood Parts

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

Hardware

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

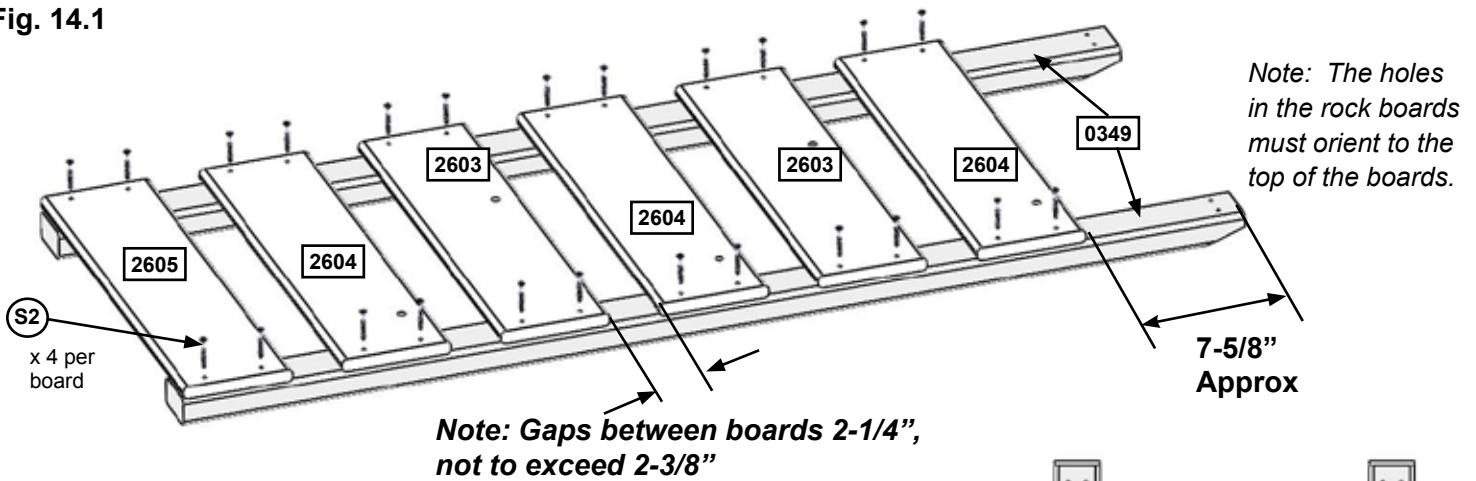
Other Parts

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

Step 14: Rock Wall Assembly



Fig. 14.1



A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 14.1)

B: Place (2605) Access Board on the bottom of each (0349) Rock Rail as shown in fig. (14.1). Make sure (2605) Access Board is flush to the outside and bottom edges of each (0349). Attach using 4 (S2) #8 x 1-1/2" Wood Screws.

C: 7-5/8" down from the top of both (0349) Rock Rails place 1 (2604) Rock Board B, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 14.1)

D: In between the (2605) Access Board and (2604) Rock Board B stagger 2 (2604) Rock Board Bs and 2 (2603) Rock Board As using 4 (S2) #8 x 1-1/2" Wood Screws per board. Placing them as shown in fig. 14.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 14.2

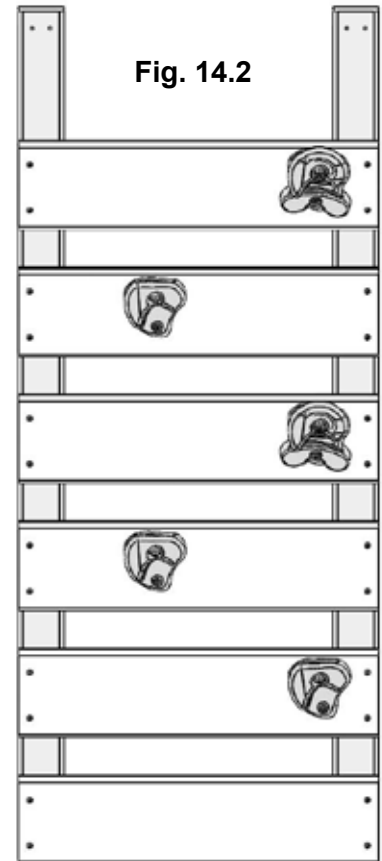
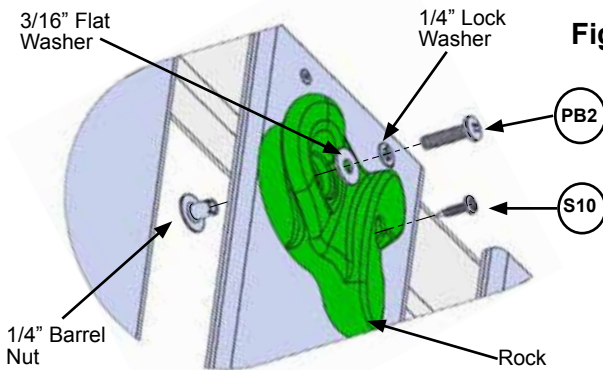


Fig. 14.3



E: Place 1 rock on each (2603) Rock Board A and (2604) Rock Board B (fig. 14.2) 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. 14.3)

Wood Parts

- 1 x 2605 Access Board 1 x 6 x 19-3/4"
- 3 x 2604 Rock Board B 1 x 6 x 19-3/4"
- 2 x 2603 Rock Board A 1 x 6 x 19-3/4"
- 2 x 0349 Rock Rail 2 x 3 x 51"

Hardware

- 24 x S2 #8 x 1-1/2" Wood Screw
- 5 x S10 #8 x 1" Pan Screw
- 5 x PB2 1/4 x 1-1/4 Pan Bolt (1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)

Other Parts

- 5 x Rocks (3 green/2 yellow)

Step 15: Attach Rock Wall Assembly to Fort

Part 1

A: On the Front of the assembly place Rock Wall Assembly centred in the left opening of (2618) Front Back Panel and flush as shown in (fig. 15.1 and 15.2). Attach (0349) Rock Rails to the panel using 4 (S11) #8 x 2" Wood Screws. (fig. 15.2 and 15.3)

B: Attach 1 (2605) Access Board to top of Rock Wall Assembly, flush to top of (0349) Rock Rail using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 15.4)

Fig. 15.1

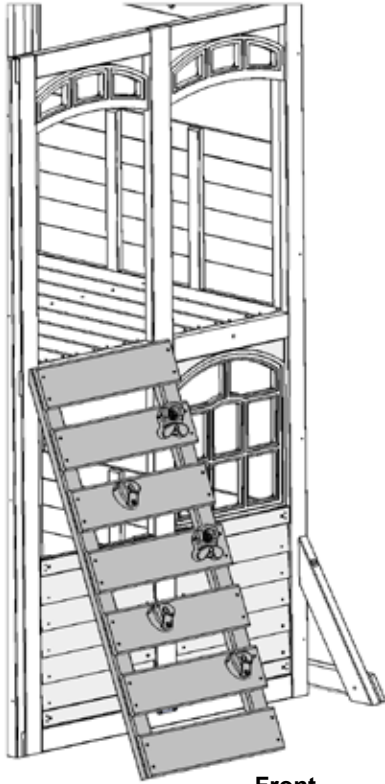


Fig. 15.2

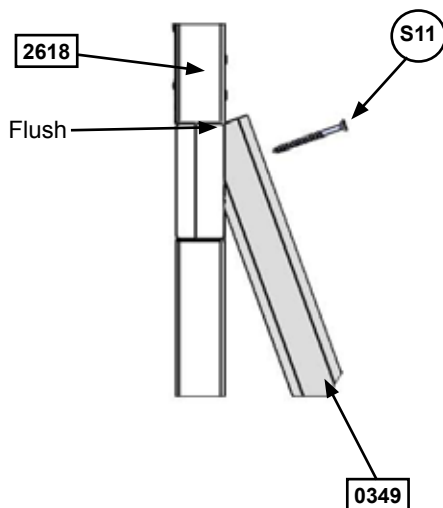


Fig. 15.3

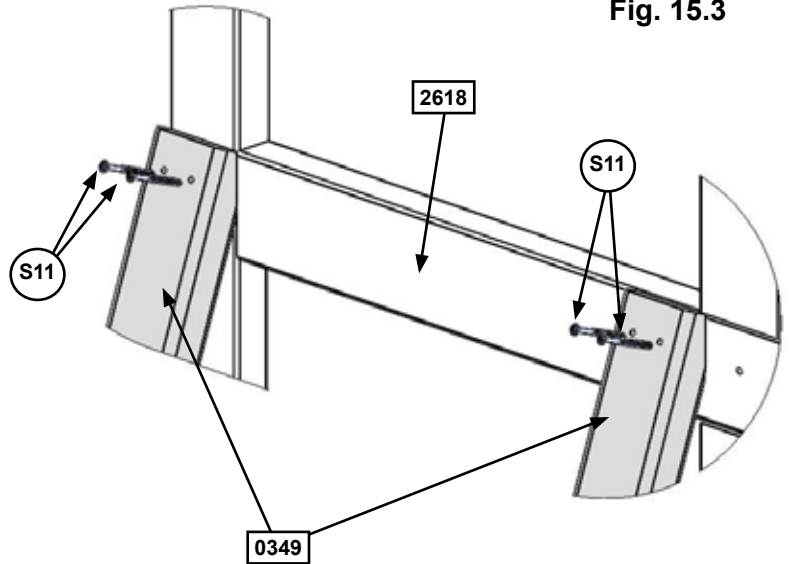
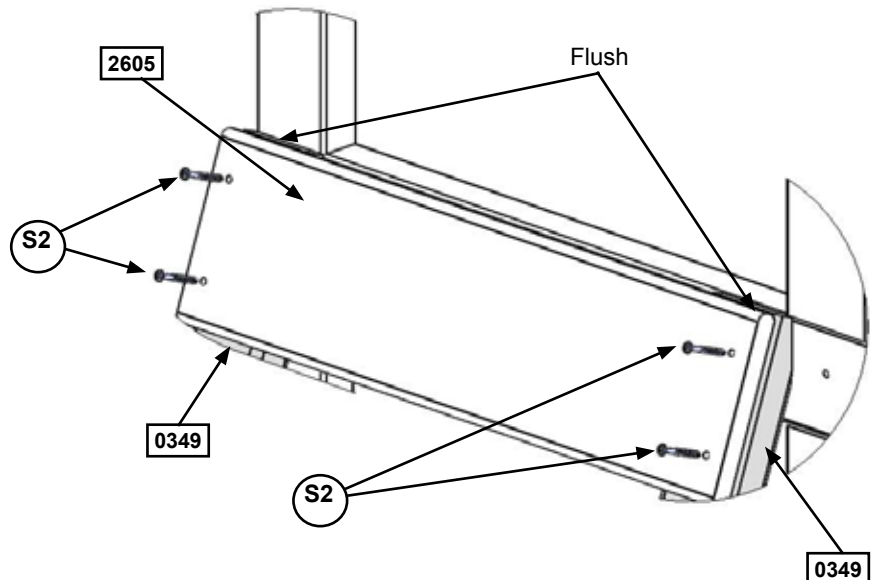


Fig. 15.4



Wood Parts

1 x [2605] Access Board 1 x 6 x 19-3/4"

Hardware

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

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

Step 15: Attach Rock Wall Assembly to Fort

Part 2

C: Drive 1 Rebar Ground Stake 13" into the ground against outside (0349) Rock Rail then attach with 1 (S7) #12 x 2" Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 15.5 and 15.6)

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

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

Fig. 15.5

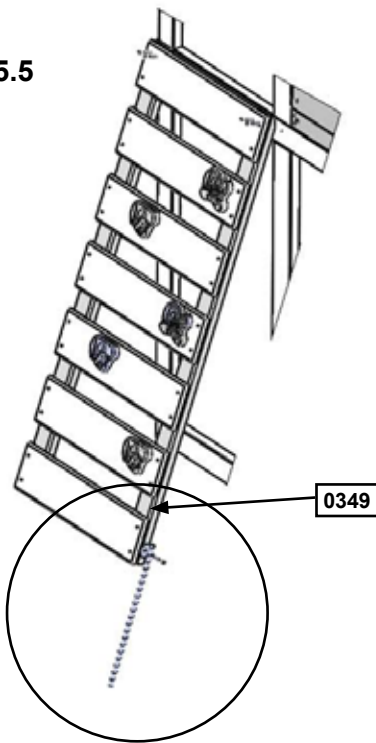
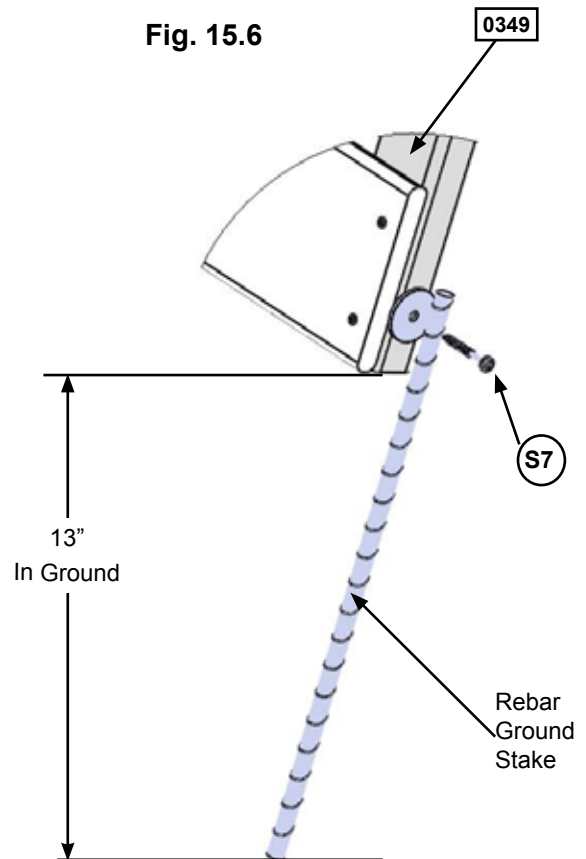


Fig. 15.6



Hardware

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

Other Parts

1 x Rebar Ground Stake

Step 16: Cafe Table Assembly

A: Place (2612) Table Support flush to the notched out ends of (2611) Table Top and attach with 4 (S7) #12 x 2" Pan Screws as shown in fig. 16.1.

B: Place Table Top Assembly tight in the opening of (2618) Front Back Panel tight to top of (2665) Half Wall Insert then attach (2612) Table Support to the panel with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 16.2 and 16.3)

Fig. 16.1

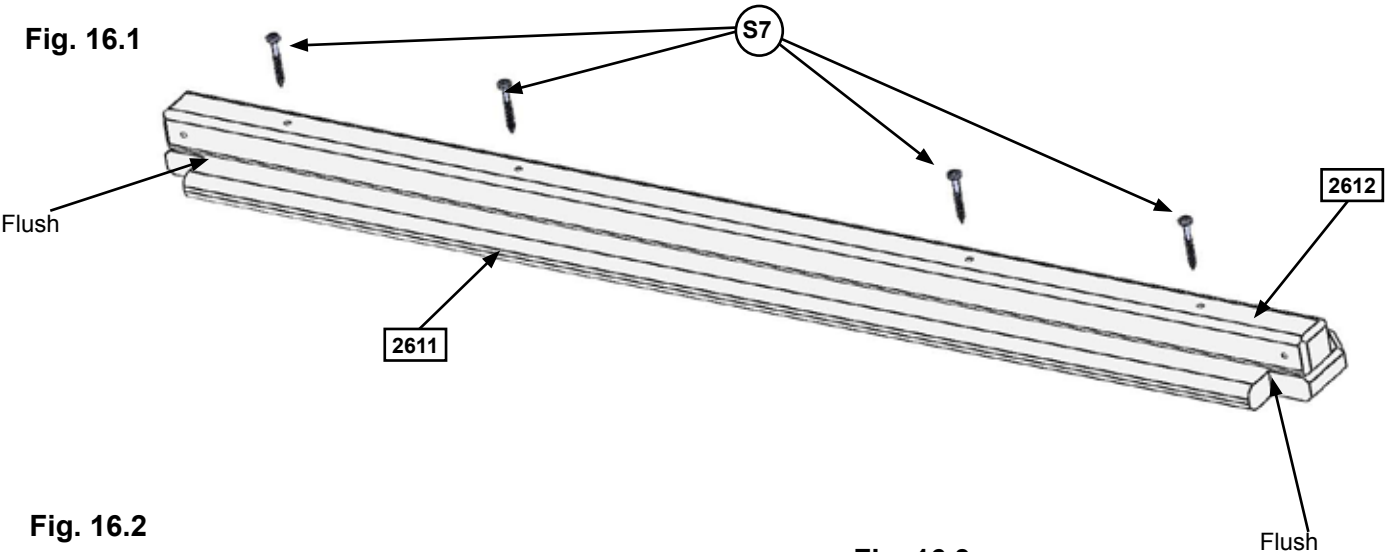


Fig. 16.2

Note: Cafe Canopy not installed until next Step.

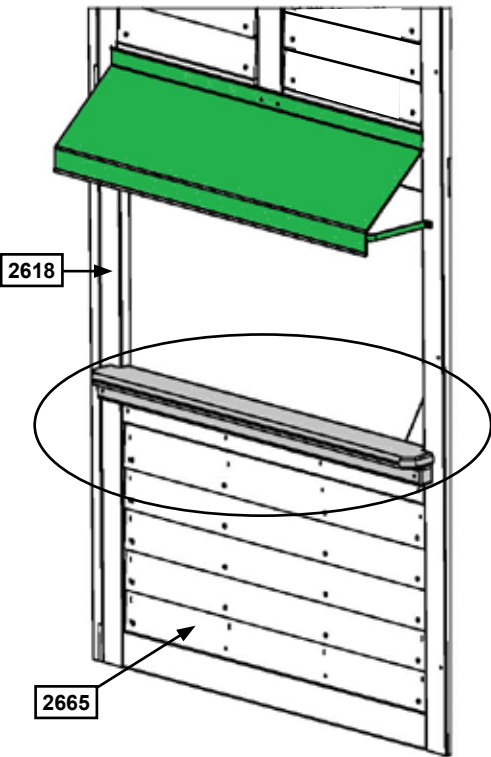
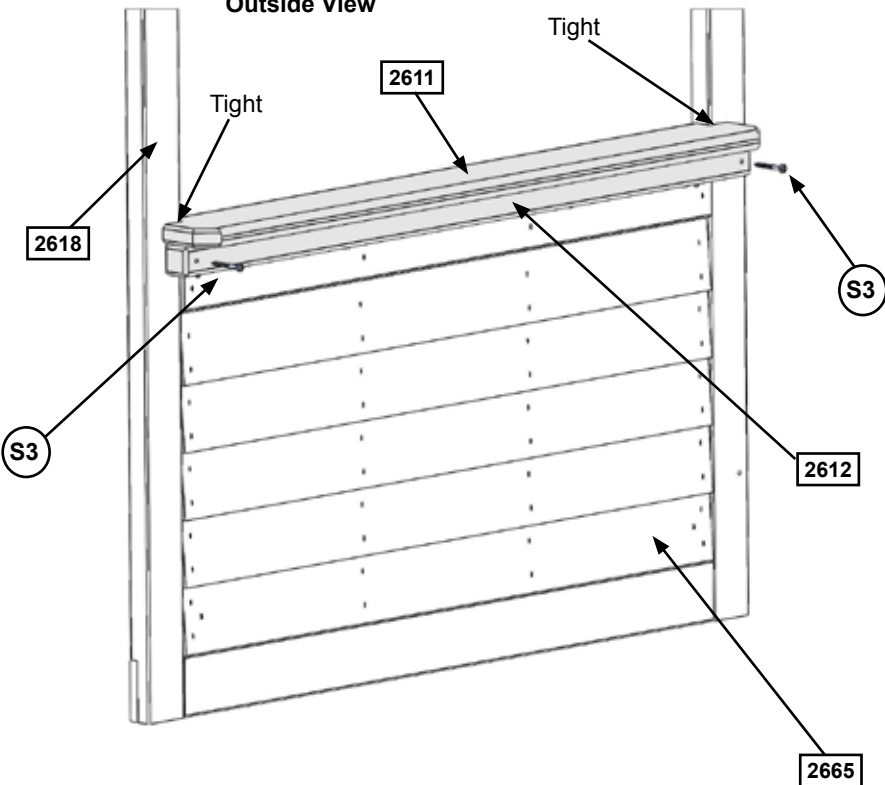


Fig. 16.3
Outside View



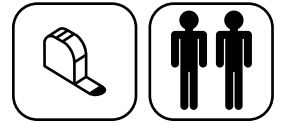
Wood Parts

- 1 x 2612 Table Support 2 x 2 x 39-5/8"
- 1 x 2611 Table Top 5/4 x 5 x 39-5/8"

Hardware

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

Step 17: Attach Cafe Canopy to Fort



A: Feed Cafe Canopy Frame through the pocket of the Cafe Canopy. (fig. 17.1)

B: With a helper hold the Canopy against the fort, centred on (2618) Front Back Panel (fig. 17.2), make sure the Cafe Canopy is smooth and tight then attach to the panel with 1 (S5) #8 x 1/2" Pan Screw (with #8 flat washer), measure 1-1/2" down from the first screw then attach a second screw and washer. Follow measurements as shown in fig. 17.3 for remaining screws and washers. Measurements must be exact.

C: Hold the Cafe Canopy Frame against the panel and attach with 1 (S6) #12 x 1" Pan Screw per side. (fig. 17.3)

Fig. 17.1

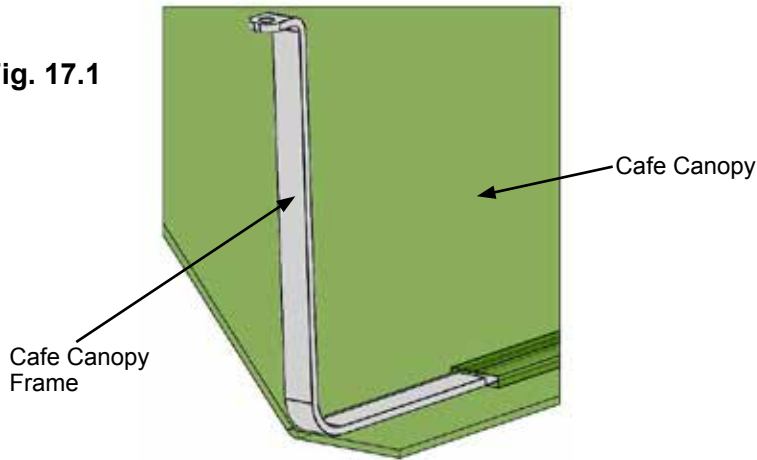


Fig. 17.2

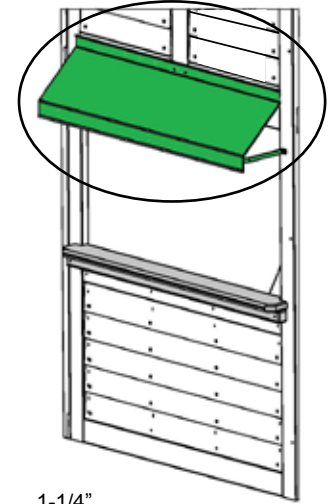
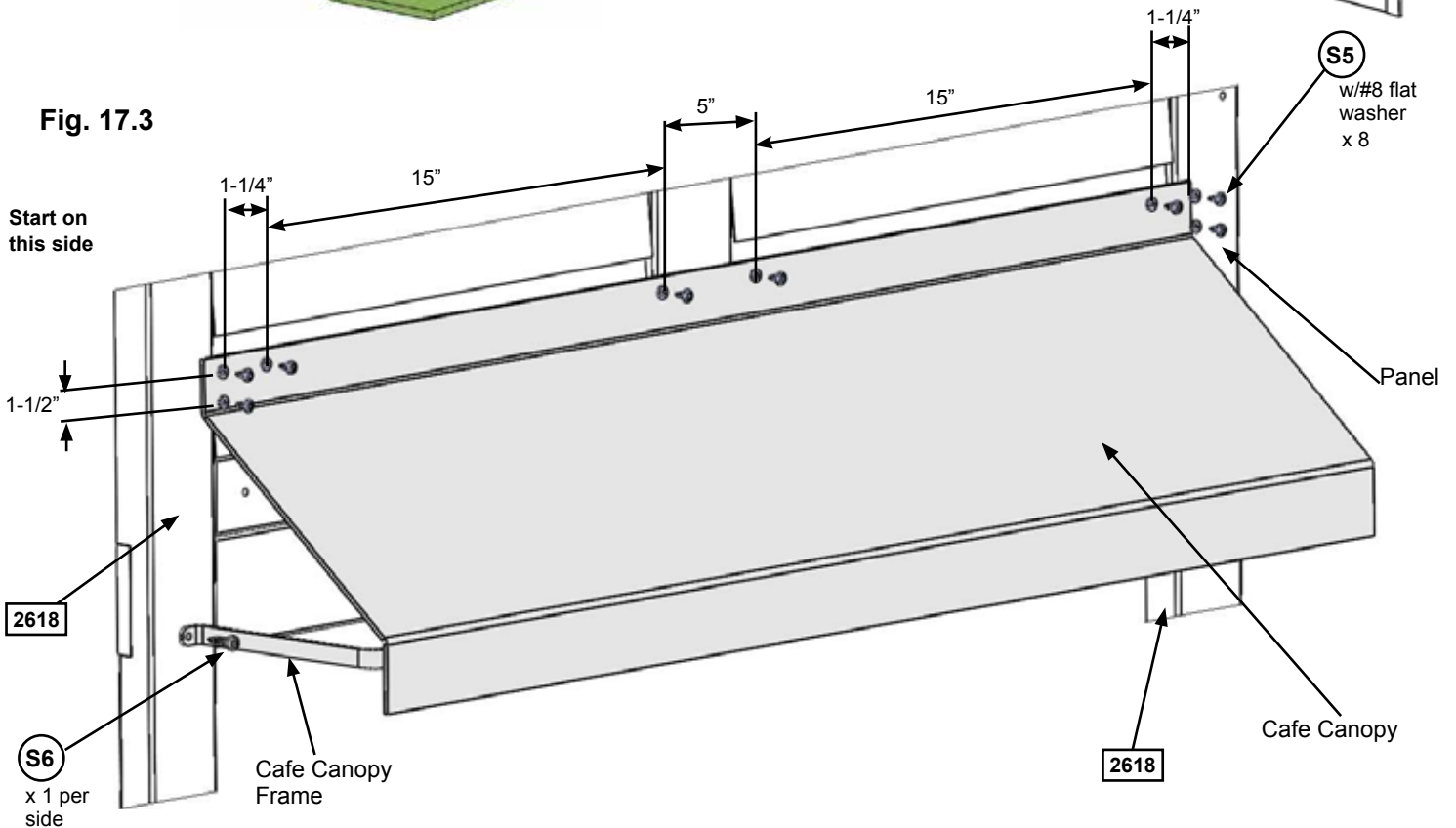


Fig. 17.3



Hardware

- 8 x (S5) #8 x 1/2" Pan Screw (#8 flat washer)
- 2 x (S6) #12 x 1" Pan Screw

Other Parts

- 1 x Cafe Canopy Frame
- 1 x Cafe Canopy

Step 18: Attach Slide to Fort



A: Place Slide in the centre of the (2618) Front Back Panel opening at the front of the fort, pre-drill with a 1/8" drill bit then attach slide to fort through the panel using 3 (S7) #12 x 2" Pan Screws. (fig. 18.1, 18.2 and 18.3)

Fig. 18.1

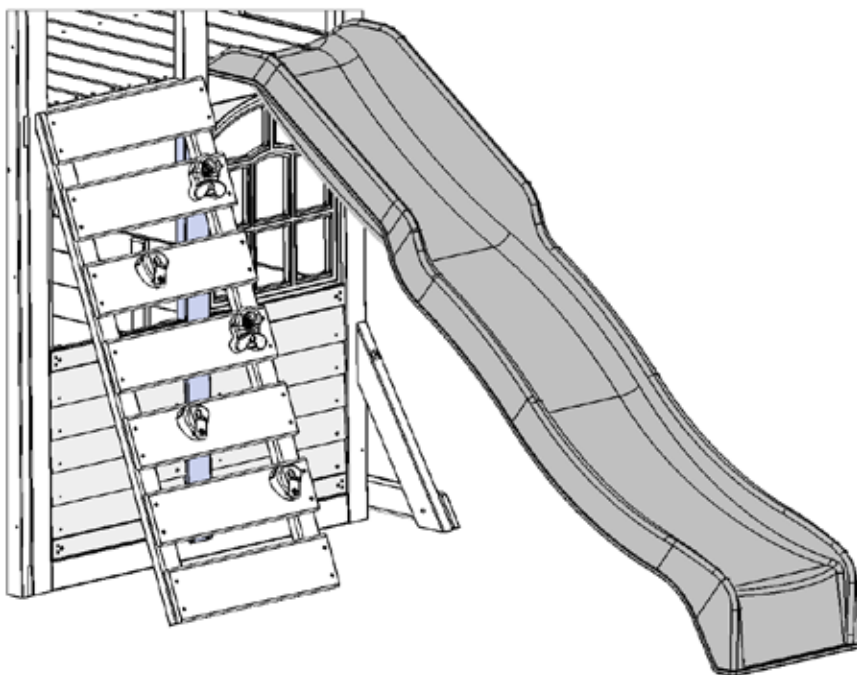


Fig. 18.2

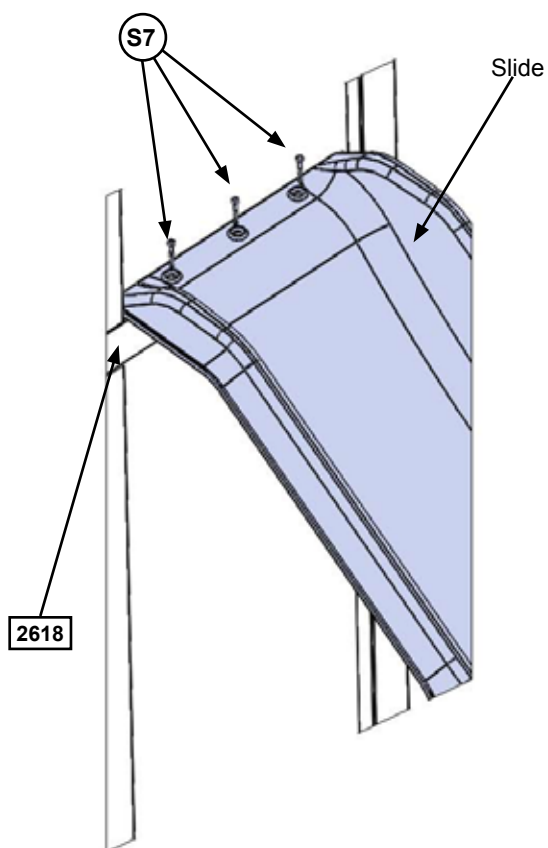
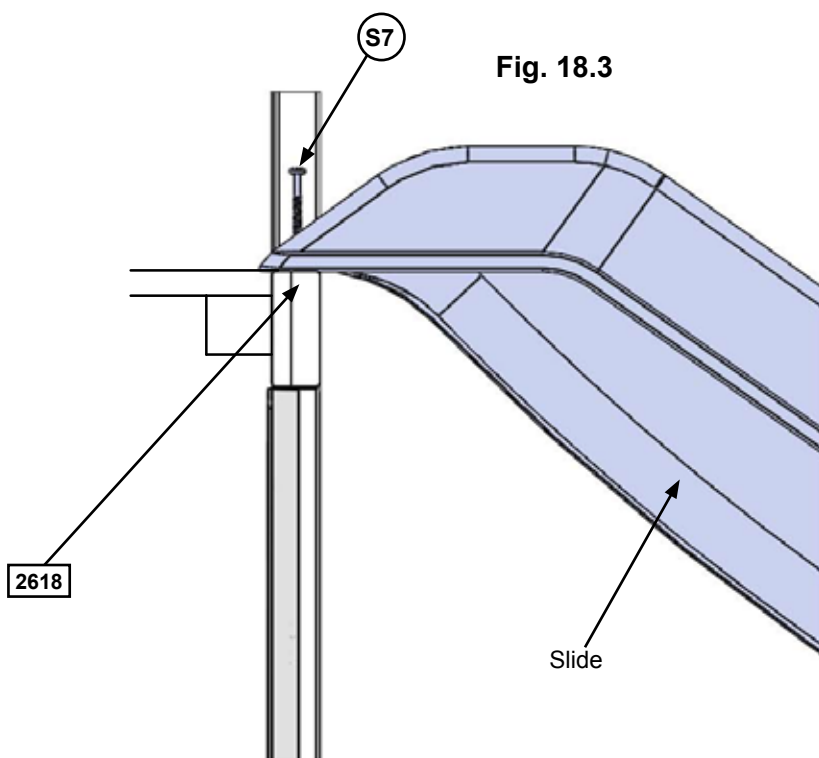



Fig. 18.3



Hardware

3 x  #12 x 2" Pan Screw

Other Parts

1 x Slide

Step 19: Roof Support Assembly

A: Attach 1 (2617) Roof Support to a second (2617) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. Repeat this step so there are 2 Roof Support Assemblies. (fig. 19.1 and 19.2)

Fig. 19.1

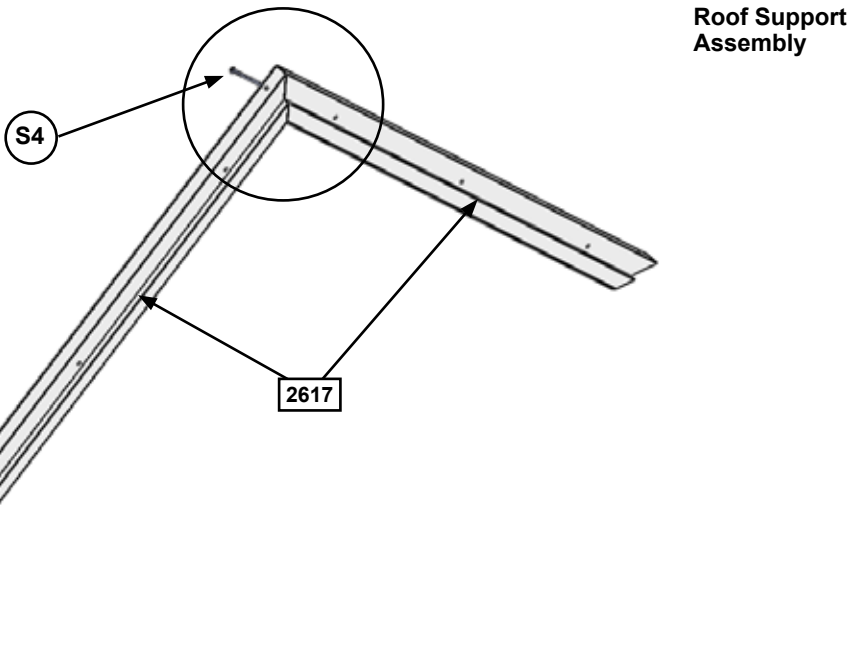
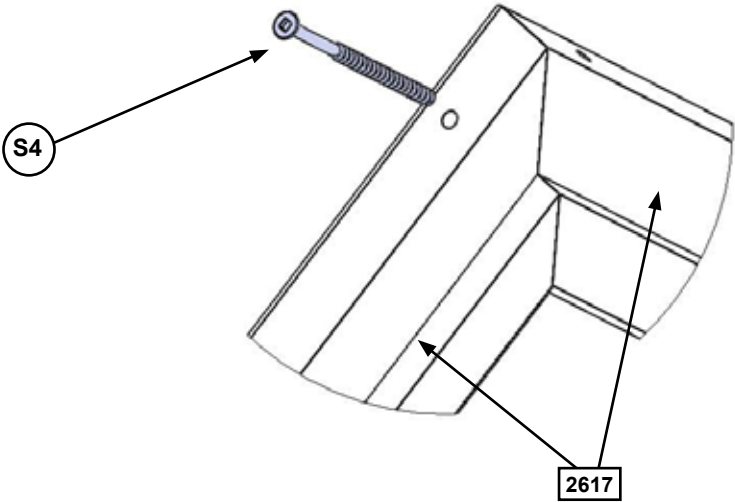


Fig. 19.2



Wood Parts

4 x 2617 Roof Support 1-1/4 x 2-1/4 x 37-1/2"

Hardware

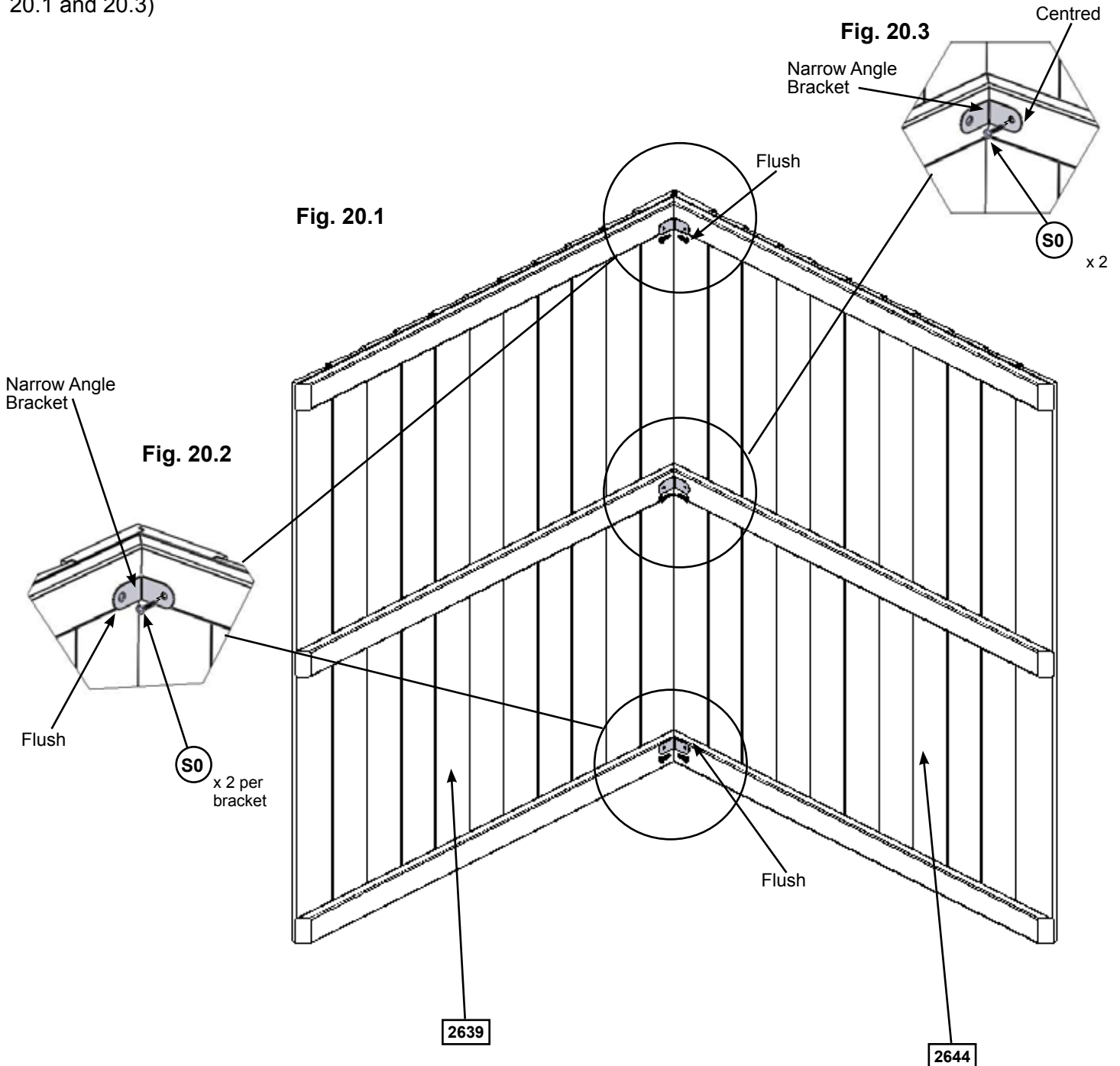
2 x S4 #8 x 3" Wood Screw

Step 20: Roof Assembly Part 1



A: Place (2644) Front Roof Panel against (2639) 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. 20.1 and 20.2)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 20.1 and 20.3)



Wood Parts

- 1 x 2644 Front Roof Panel 1-1/4 x 37 x 44"
- 1 x 2639 Back Roof Panel 1-1/4 x 36-3/4 x 44"

Hardware

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

Other Parts

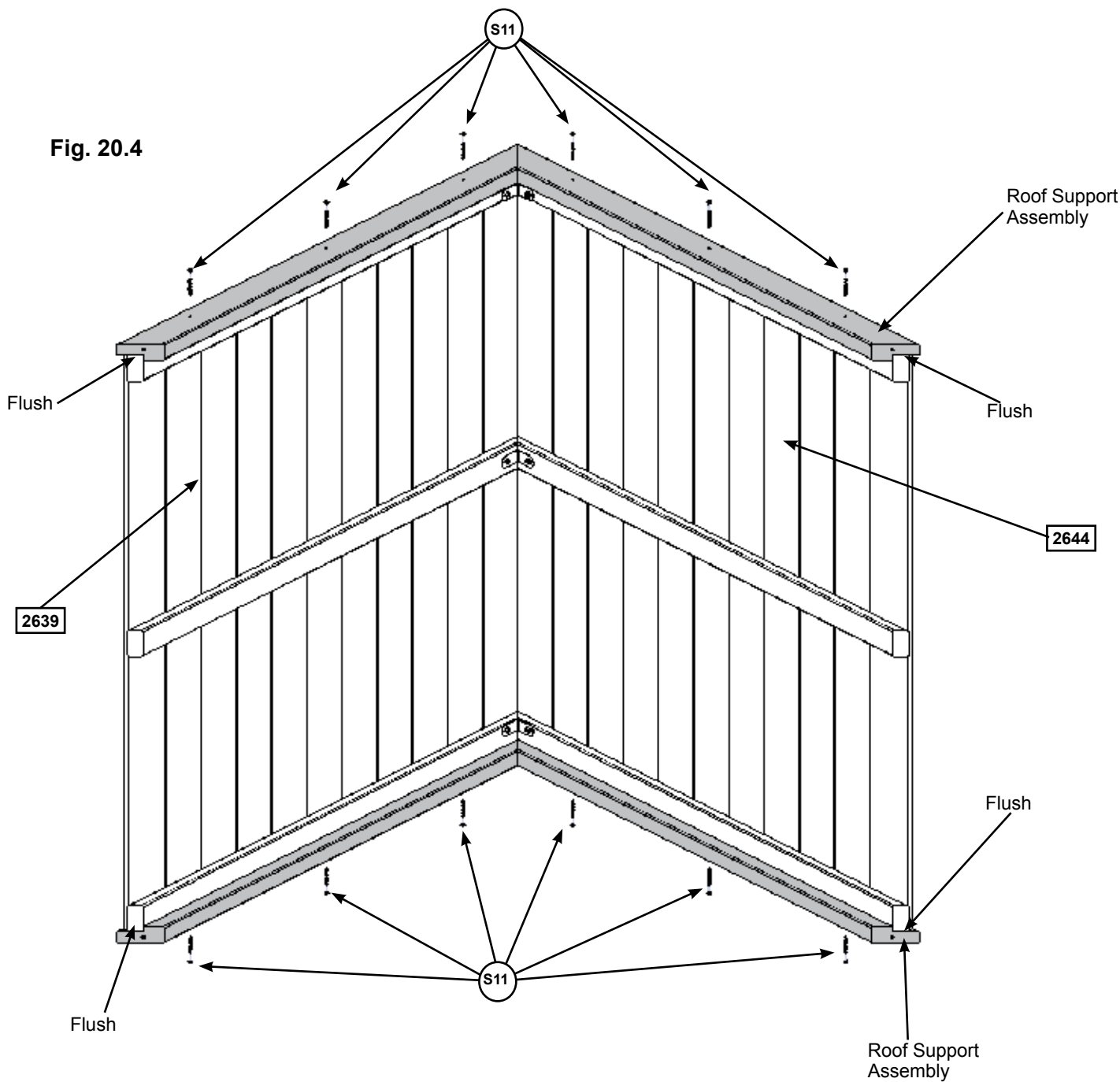
- 3 x Narrow Angle Bracket

Step 20: Roof Assembly

Part 2

C: Place 1 Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 20.4)

D: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 6 (S11) #8 x 2" Wood Screws. (fig. 20.4)



Hardware

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

Step 21: Attach Sky Gable

A: Attach 1 Sky Gable to the inside of the (2617) Roof Supports on each side of the Roof Assembly with 4 (S5) #8 x 1/2" Pan Screws per Sky Gable. (fig. 21.1 and 21.2)

Fig. 21.1

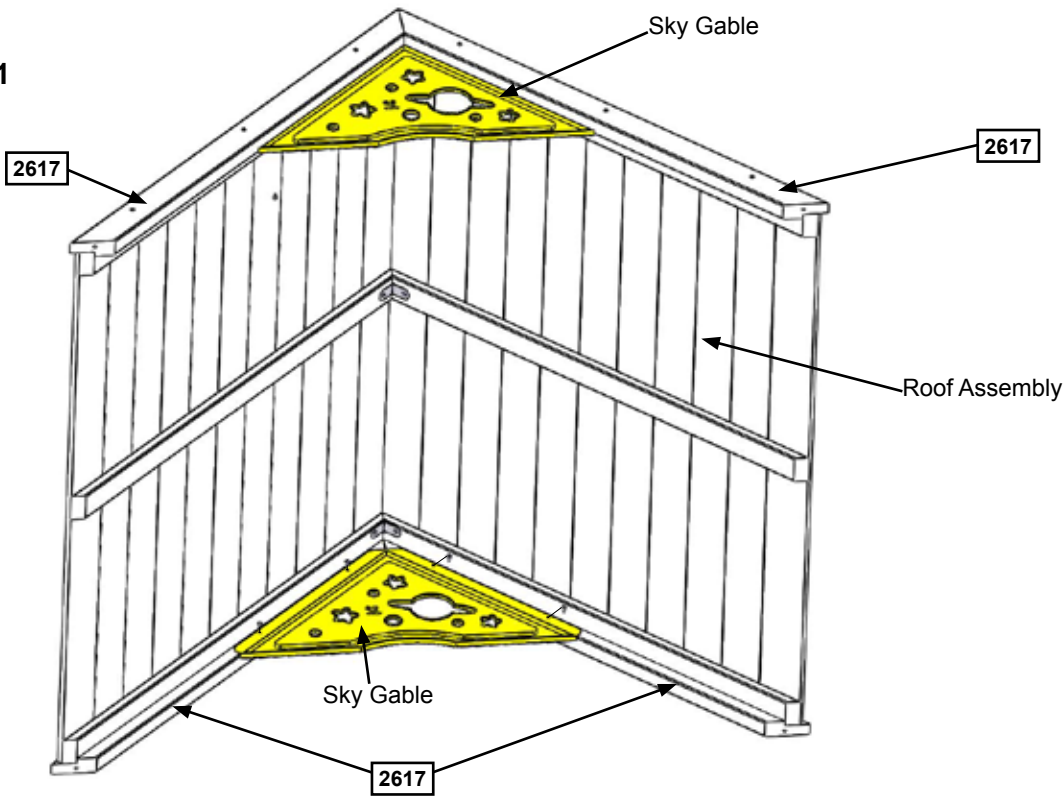
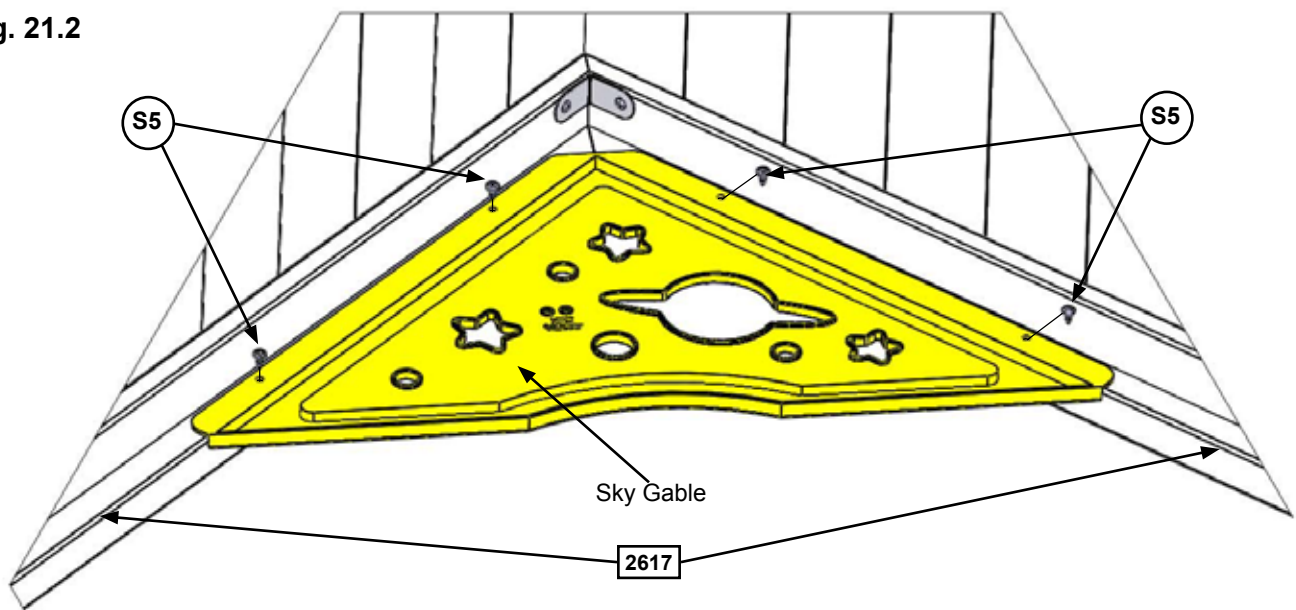



Fig. 21.2



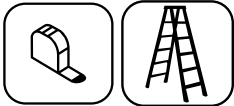
Hardware

8 x  #8 x 1/2" Pan Screw

Other Parts

2 x Sky Gable

Step 22: Attach Roof Ends



A: Place 2 (2646) Roof Ends flush to the top and right hand side of the panels and 2 (2647) Roof End Lefts flush to the top and left hand side of the panels, measure overhang so it is 4-7/8" then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 22.1, 22.2 and 22.3)

Fig. 22.1

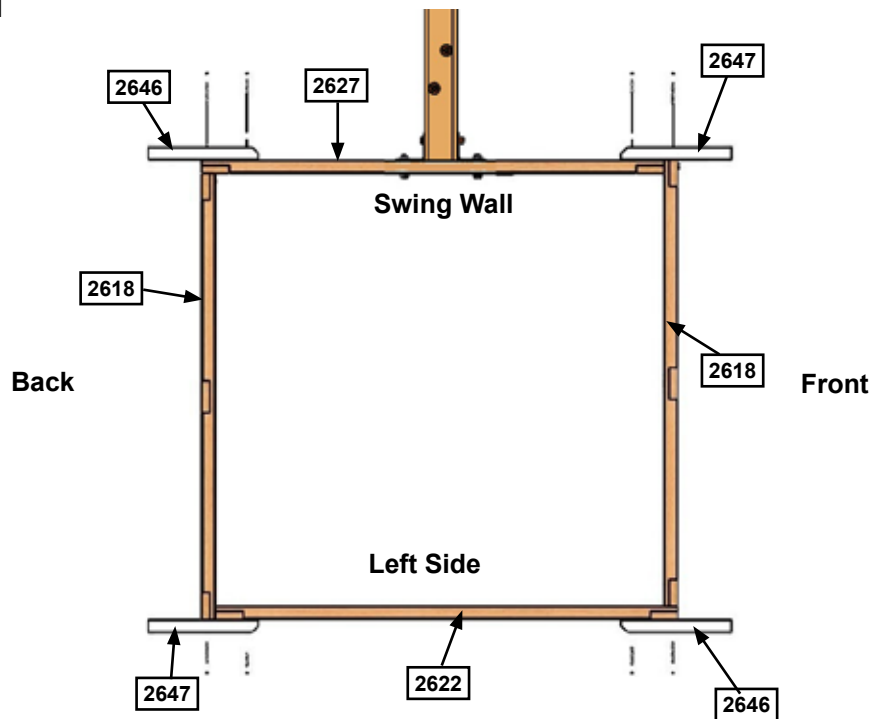


Fig. 22.2
Side View

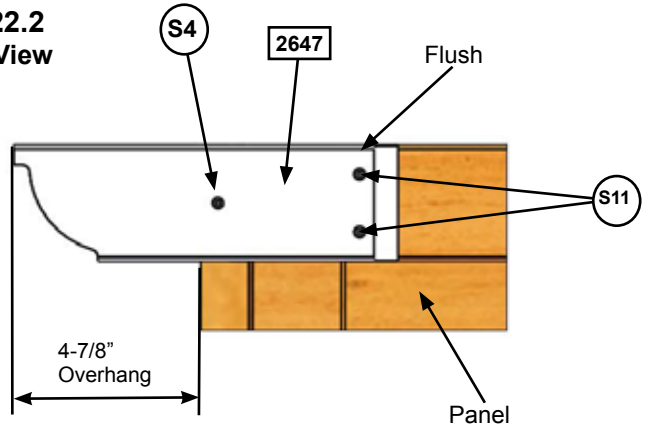
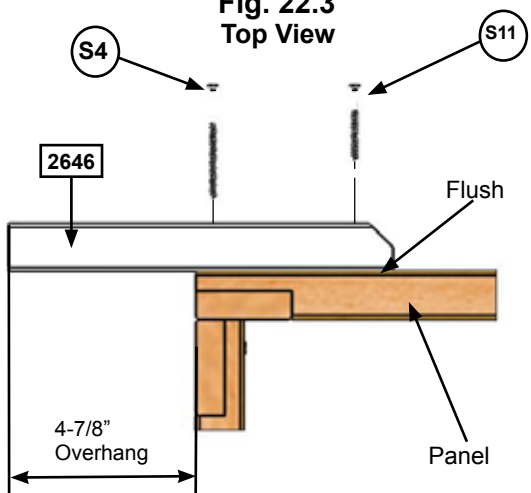


Fig. 22.3
Top View



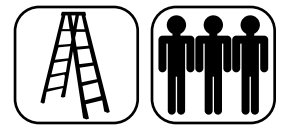
Wood Parts

- 2 x 2646 Roof End 1-1/4 x 3 x 10"
- 2 x 2647 Roof End Left 1-1/4 x 3 x 10"

Hardware

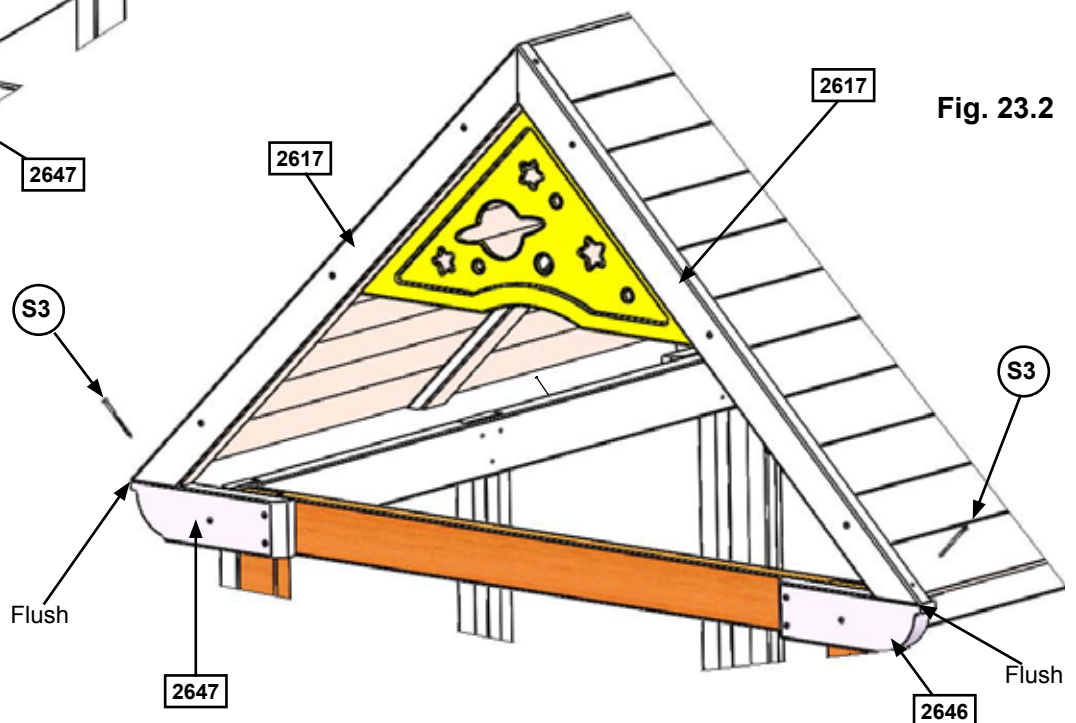
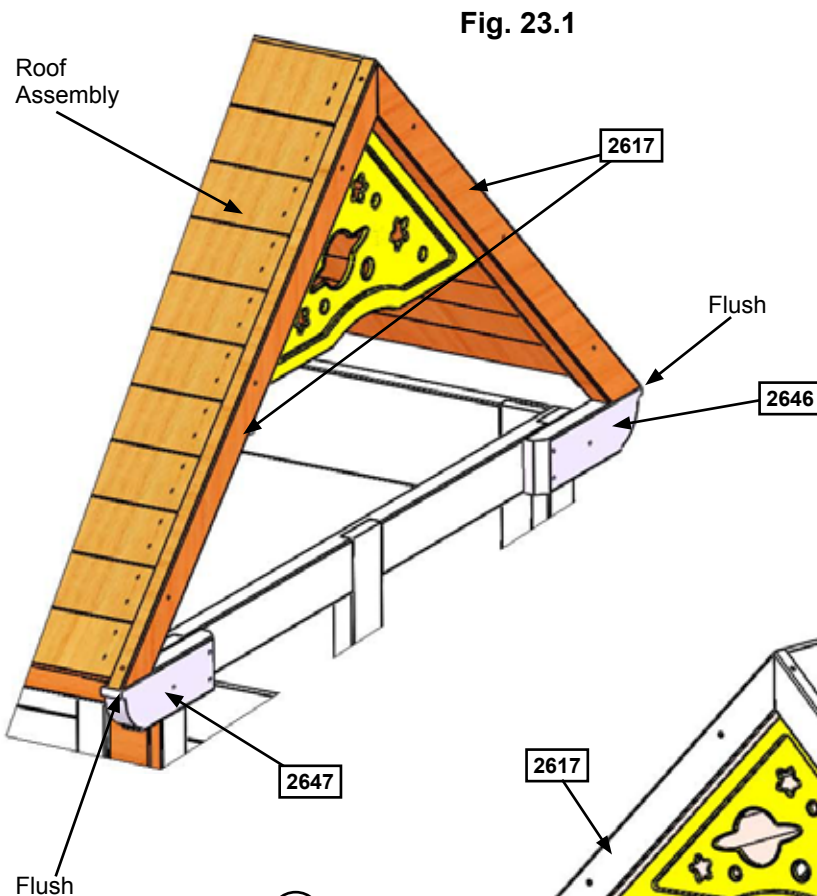
- 4 x S4 #8 x 3" Wood Screw
- 8 x S11 #8 x 2" Wood Screw

Step 23: Attach Roof Assembly to Fort



A: With 2 people on the ground and at least 1 person in the fort, lift the Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so all four (2617) Roof Supports sit flush to the front and outside edges of (2646) Roof End and (2647) Roof End Left. (fig. 23.1 and 23.2)

B: Attach (2617) Roof Supports to (2646) Roof End and (2647) Roof End Left with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 23.2)



Hardware

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

Adventure Tower Assembly

Step 24: Upper Frame Assembly

A: Place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the left side making sure that the notched out end is at the bottom and facing the outside. Place (6023) Roof Side at the top of the posts so that it's flush and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 24.1)

B: Place (6029) Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 24.1)

C: To make a second partial upper frame assembly place 1 (6012) Short Post and 1 (6000) Upper Post side by side with the (6012) Short Post on the right side, notched side facing out and the (6000) Upper Post on the left side. Place (6023) Roof Side at the top of the posts making sure it's flush and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 24.2)

D: Place (6030) Tunnel Side Top so it lines up with the lower pre-drilled holes on the posts and attach using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 24.2)

Set the upper assemblies aside, they will not be used until a later step.

Fig. 24.1

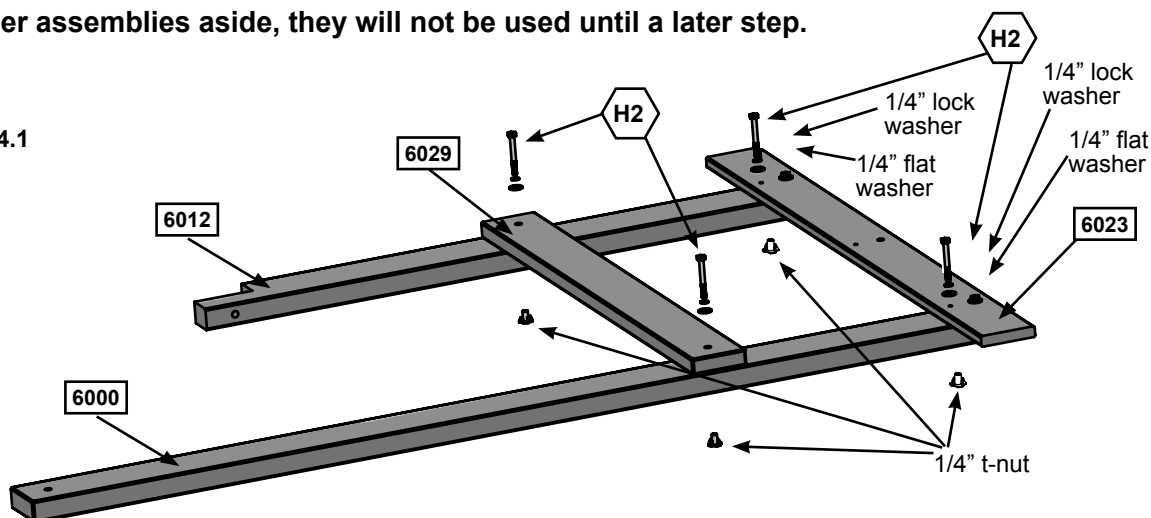
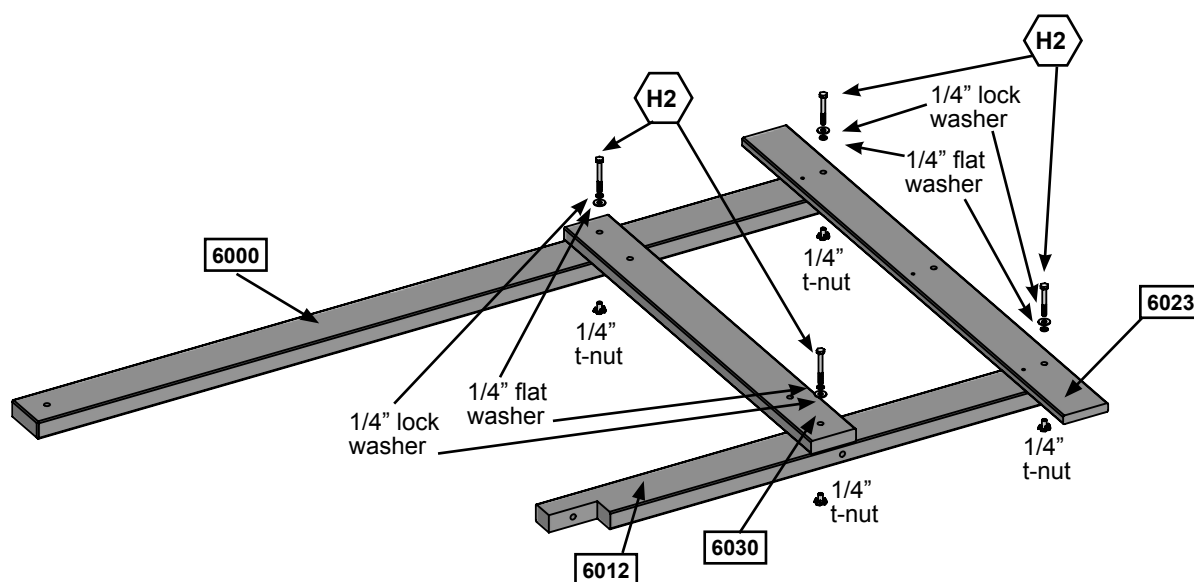


Fig. 24.2



Wood Parts

- 2 x [6000] Upper Post 31.8 x 82.6 x 1495.4mm
- 2 x [6012] Short Post 31.8 x 82.6 x 933.6mm
- 2 x [6023] Roof Side 15.9 x 82.6 x 1019.2mm
- 1 x [6029] Side Top 15.9 x 82.6 x 784.2mm
- 1 x [6030] Tunnel Side Top 15.9 x 82.6 x 784.2mm

Hardware

- 8 x [H2] 1/4 x 2" Hex Bolt (with 1/4" lock washer, 1/4" flat washer and 1/4" t-nut)

Step 25: Lower Frame Assembly Part 1

A: Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the left side making sure that the notched out end is at the top and on the inside. It is important to ensure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. Place 1 (6020) Short Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach using 2 (H2) ¼ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 25.2)

B: From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 25.2). Attach using 2 (H3) ¼ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 25.1 & Fig. 25.2)

Fig. 25.1

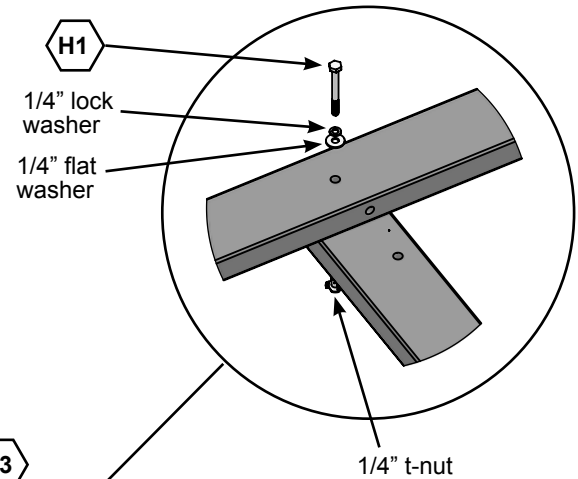
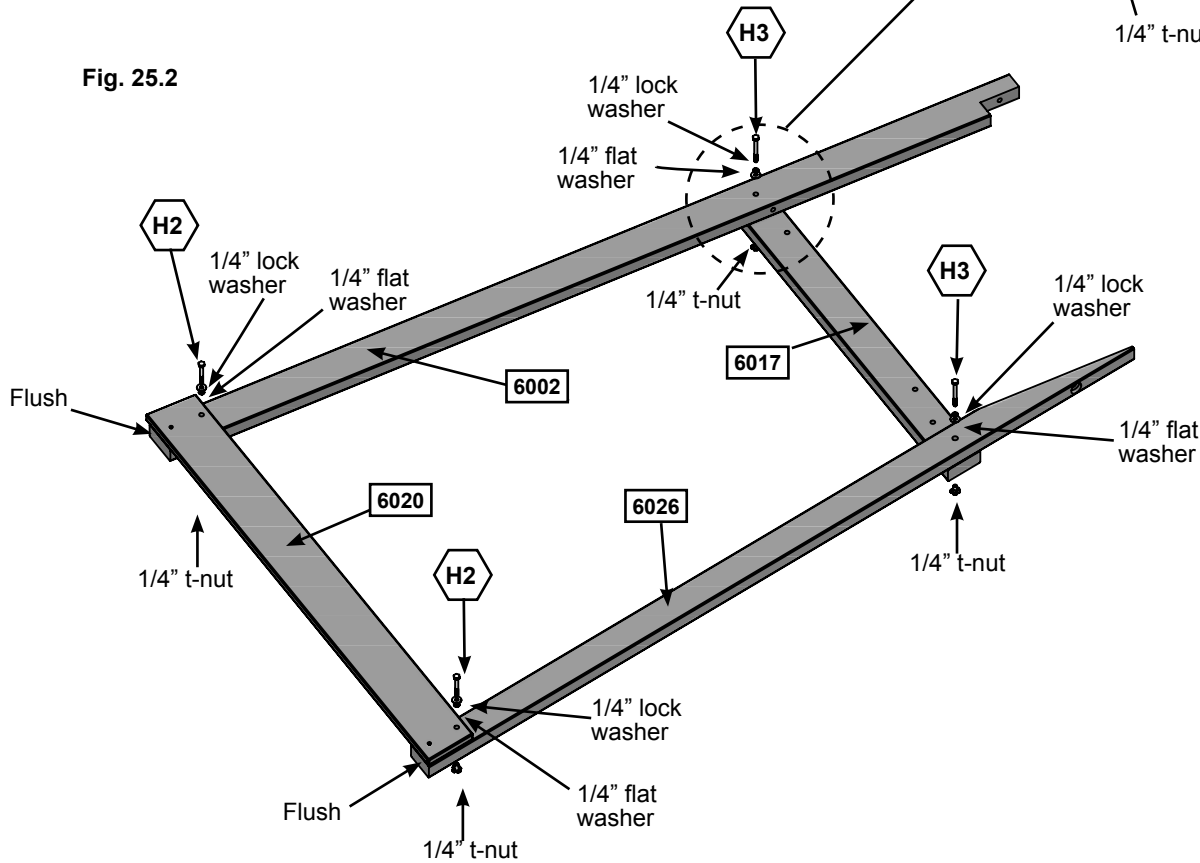


Fig. 25.2



Wood Parts

- 1 x [6002] Long Post 31.8 x 82.6 x 1968.5mm
- 1 x [6017] Floor Support 31.8 x 82.6 x 875.3mm
- 1 x [6020] Short Ground 15.9 x 114.3 x 1122mm
- 1 x [6026] Rock Rail 31.8 x 69.9 x 1827mm

Hardware

- 2 x [H2] ¼ x 2" Hex Bolt (with ¼" lock washer, ¼" flat washer and ¼" t-nut)
- 2 x [H3] ¼ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts).

Step 25: Lower Frame Assembly Part 2



C: Place 1 (6002) Long Post and 1 (6026) Rock Rail side by side with the (6002) Long Post on the right side, notched end at the top and facing the inside and the (6026) Rock Rail on the left. Make sure that the angled cut on the (6026) Rock Rail is at the top, facing inwards towards the (6002) Long Post. (Fig. 25.3 & 25.5)

D: From the underside of the assembly place 1 (6017) Floor Support making sure the pre-drilled holes match what is shown on fig.(Fig. 25.3). Attach using 2 (H3) $\frac{1}{4}$ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 25.3 & 25.4)

E: Place 1 (6018) Long Ground across the bottom of both pieces so that it's flush with the ends of the (6002) Long Post and the (6026) Rock Rail. Attach (6018) Long Ground using 2 (H2) $\frac{1}{4}$ x 2" Hex Bolts (with lock washer, flat washer and t-nuts). (Fig. 25.3)

F: On the underside of the (6018) Long Ground place 1 (0369) Lower Diagonal tight and flush to the (6002) Long Post and the (6018) Long Ground. Attach through (6018) Long Ground with 2 (H2) $\frac{1}{4}$ x 2" Hex Bolts (with lock washer, flat washer and t-nut). Pre-drill upper hole of (0369) Lower Diagonal with a $\frac{1}{8}$ " (3.2mm) drill bit and install 1 (LS3) $\frac{1}{4}$ x 3" Lag Screw (with flat washer). (fig. 25.3)

Fig. 25.3
left view

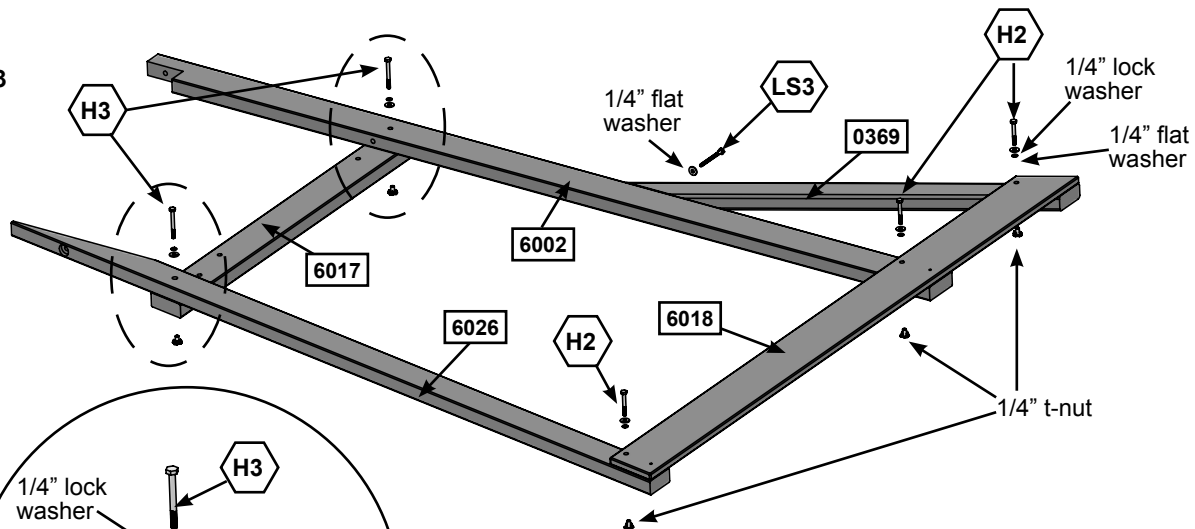


Fig. 25.4

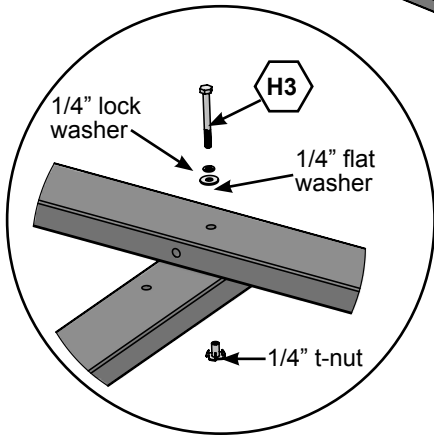
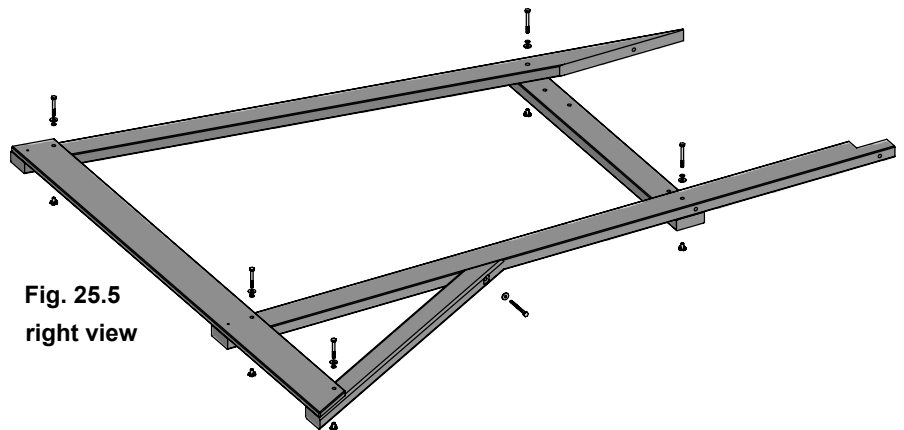


Fig. 25.5
right view



Wood Parts

- 1 x [6002] Long Post 31.8 x 82.6 x 1968.5mm
- 1 x [6017] Floor Support 31.8 x 82.6 x 875.3mm
- 1 x [6018] Long Ground 15.9 x 114.3 x 1576.1mm
- 1 x [6026] Rock Rail 31.8 x 69.9 x 1827mm
- 1 x [0369] Lower Diagonal 34.9 x 63.5 x 939.8mm

Hardware

- 3 x [H2] $\frac{1}{4}$ x 2" Hex Bolt (with $\frac{1}{4}$ " lock washer, $\frac{1}{4}$ " flat washer and $\frac{1}{4}$ " t-nut)
- 2 x [H3] $\frac{1}{4}$ x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nuts)
- 1 x [LS3] $\frac{1}{4}$ x 3" Lag Screw (with flat washer)

Step 26: Frame Assembly



- A:** Make sure that lower frame assemblies are square then attach 1 (6021) Back Ground to the outside of the (6002) Long Posts using 4 (S11) #8 x 2" Screws (with 3/16" flat washer) making sure that it is flush to the bottom. (Fig. 26.3 & 26.4)
- B:** Making sure that it's flush to the bottom of the (6020) Short Ground and (6018) Long Ground, attach 1 (6019) Rock Bottom to the Rock Rails using 4 (S20) #8 x 1-3/8" Wood Screws. Make sure that the notch is at the top, left hand side.(Fig. 26.1)
- C:** Place 1 (6042) Narrow Floor Board on the front end of the (6017) Floor Supports and 1 (6013) Floor Board on far end other as shown in (fig. 26.1) making sure they are flush with the (6002) Long Posts and (6026) Rock Rails. **Do not attach these boards until Step 27.**
- D:** Using the (6042) Narrow Floor Board as a guide, place (0600) Bottom trim flush to the top of the front (6042) Narrow Floor Board and attach to the Rock Rails using 2 (S7) #12 x 2" Pan Screws (with 3/16 flat washer) and 2 (S20) #8 x 1-3/8" Wood Screws.(Fig. 26.1)
- E:** On the back side attach 1 (6034) Floor Back to the (6002) Long Posts using 1 (S7) #12 x 2" Pan Screw and 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) per side. (Fig. 26.2 & 26.3)

Fig. 26.2

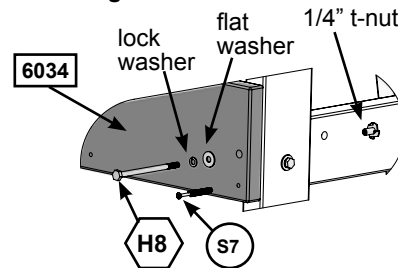


Fig. 26.1

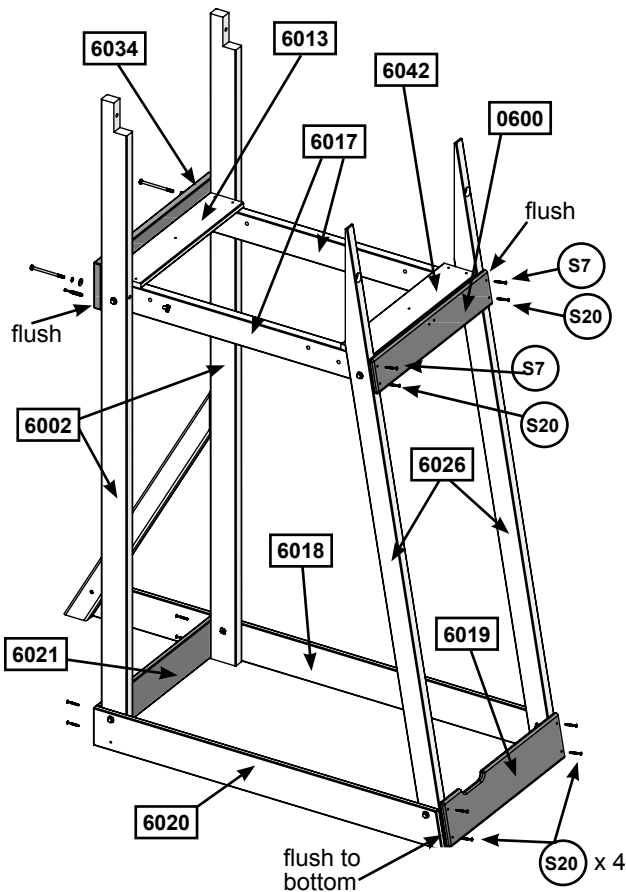


Fig. 26.3

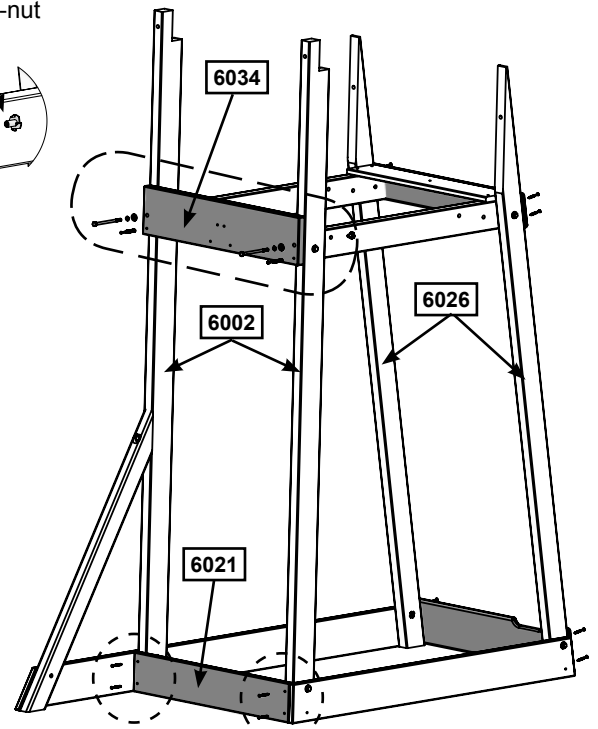
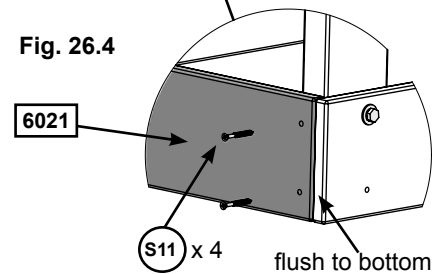


Fig. 26.4



Wood Parts

1 x	6021	Back Ground 15.9 x 114.3 x 596.9mm
1 x	6019	Rock Bottom 15.9 x 133.4 x 596.9mm
1 x	6013	Floor Board 15.9 x 108 x 533.4mm
1 x	0600	Bottom Trim 15.9 X 101.6 X 596.9mm
1 x	6034	Floor Back 23.8 x 139.7 x 596.9mm
1 x	6042	Narrow Floor Back 15.9 x 98 x 533.4mm

Hardware

4 x	S11	#8 x 2" Screws
6 x	S20	#8 x 1-3/8" Wood Screws
2 x	H8	1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut)
4 x	S7	#12 x 2" Pan Screw

Step 27: Floor Assembly

A: Place (6003) Floor Joist flush to the underside of the (6013) Floor Board and centred over the pilot holes in the (6034) Floor Back and (0600) Bottom Trim. The angle cut should be flush with the (0600) Bottom trim (Fig. 27.1 and 27.2 and 27.3). Attach using 2 (S11) #8 x 2" Wood Screws per side. (Fig. 27.1 and 27.2 and 27.3)

B: Evenly Space the remaining (6013) floor boards and attach each board using 5 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 27.4 and 27.5)

Fig. 27.1

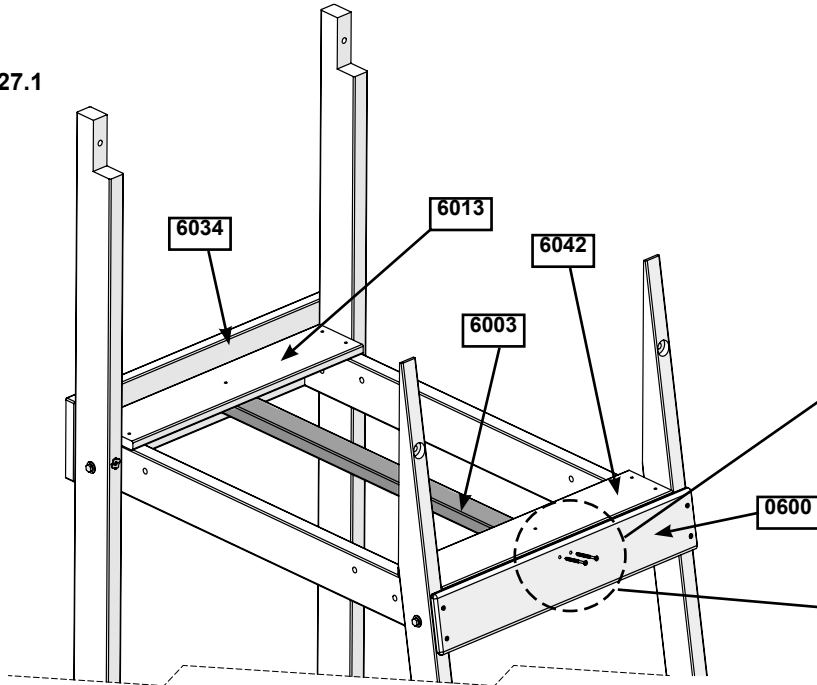


Fig. 27.2

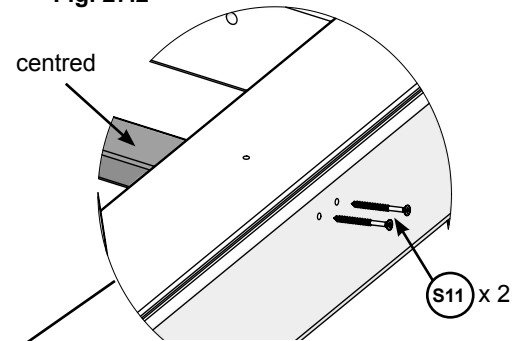


Fig. 27.3

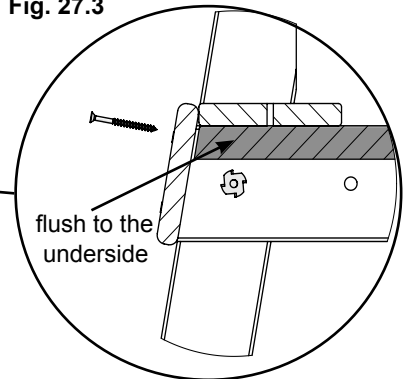


Fig. 27.4

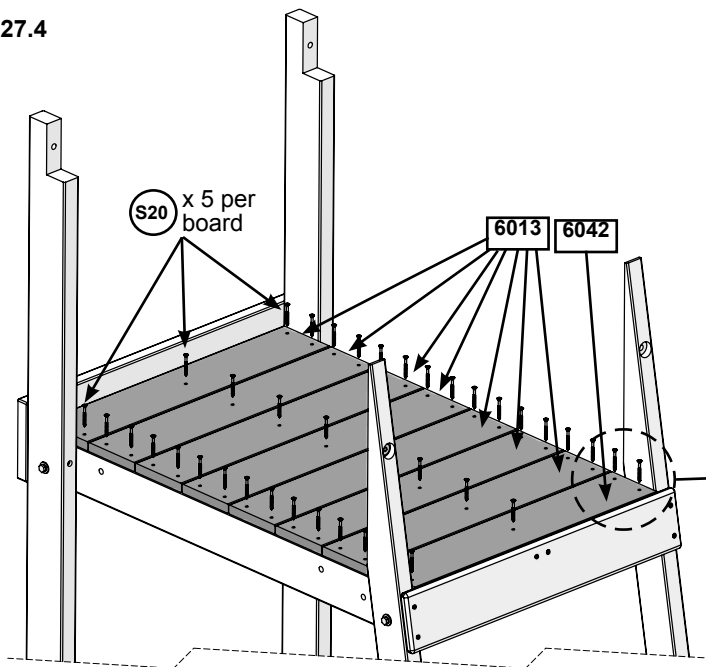
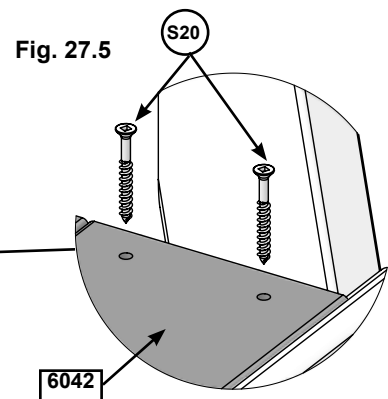


Fig. 27.5



Wood Parts

- 1 x (6003) Floor Joist 23.8 x 50.8 x 862.2mm
- 6 x (6013) Floor Board 15.9 x 98 x 533.4mm

Hardware

- 4 x (S11) #8 x 2" Wood Screws
- 40 x (S20) #8 x 1-3/8" Wood Screws

Step 28: Climbing Wall Assembly

A: Starting with a (6009) Rock Board B at both the top and bottom of the Climbing Wall, alternate between (6010) Rock Boards A and (6009) Rock Boards B making sure that the boards are evenly spaced as shown in (fig. 28.1). Attach using 4 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 28.1 & 28.2)

Note: Board orientation must be followed closely.

Fig. 28.1

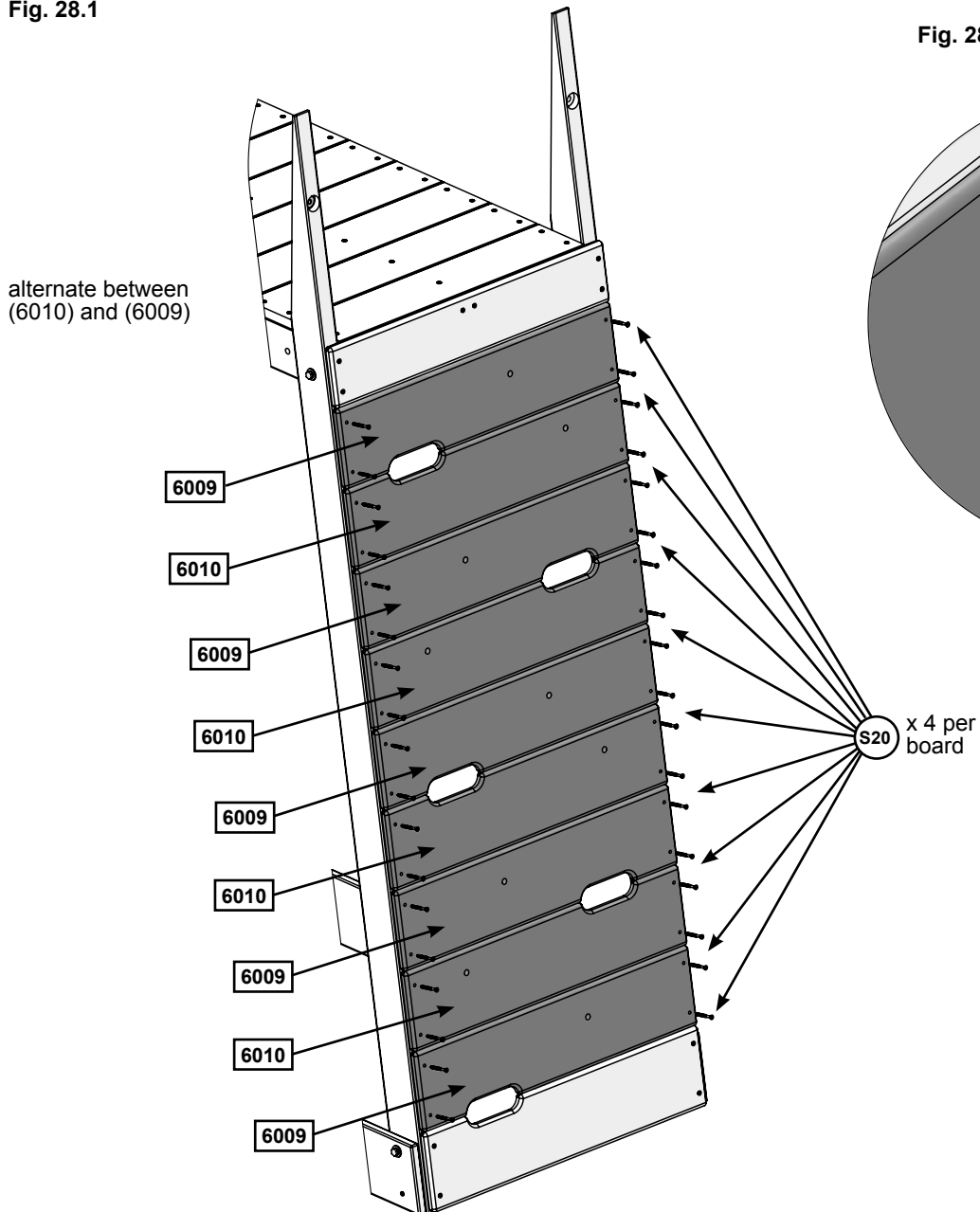
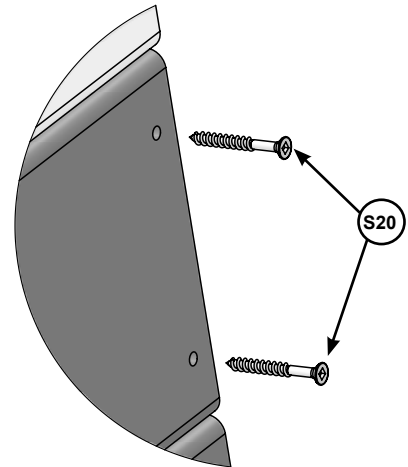


Fig. 28.2



Wood Parts

- 5 x 6009 Rock Board B 15.9 x 133.4 x 596.9mm
- 4 x 6010 Rock Board A 15.9 x 133.4 x 596.9mm

Hardware

- 36 x S20 #8 x 1-3/8" Wood Screws

Step 29: Wall Top Assembly Part 1



A: Making sure that assemblies are square, position the Left Wall Assembly onto the lower left assembly as shown in (fig. 29.1 & 29.2). Attach (6002) Long Post to (6012) Short Post using 1 (H12) 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut). In the upper hole of (6026) Rock Rail, pre-drill with a 1/8" (3.2mm) drill bit and install 1 (LS3) 1/4 x 3" Lag Bolt (with flat washer). Install 1 (H3) 1/4 x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut) in the (6000) Upper Post. (fig. 29.1 & 29.2)

Fig. 29.1

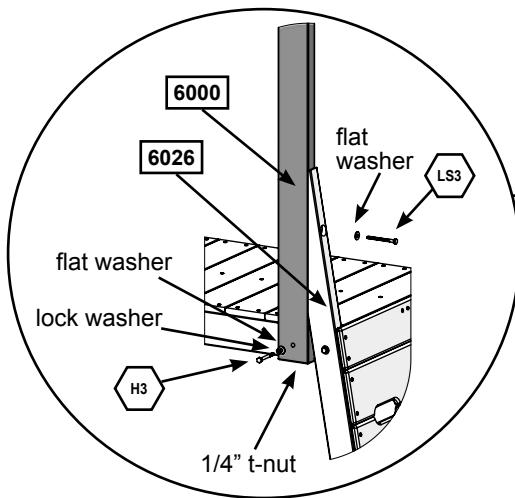
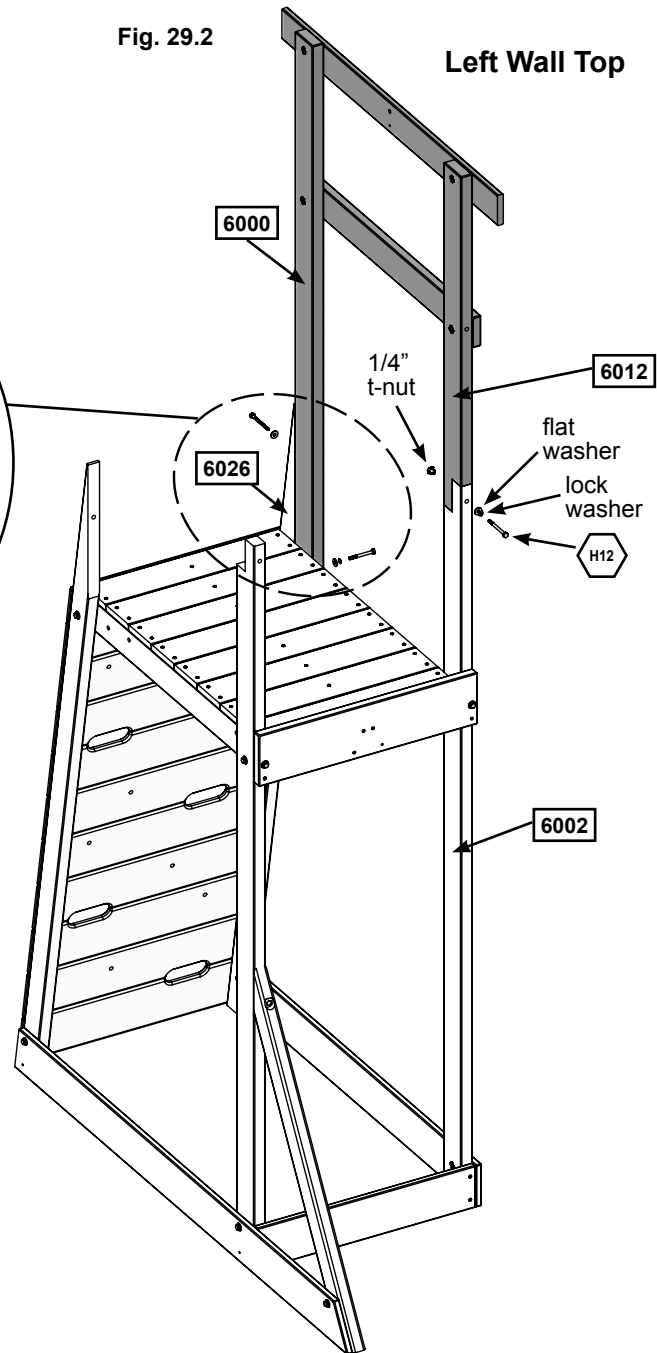


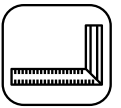
Fig. 29.2



Hardware

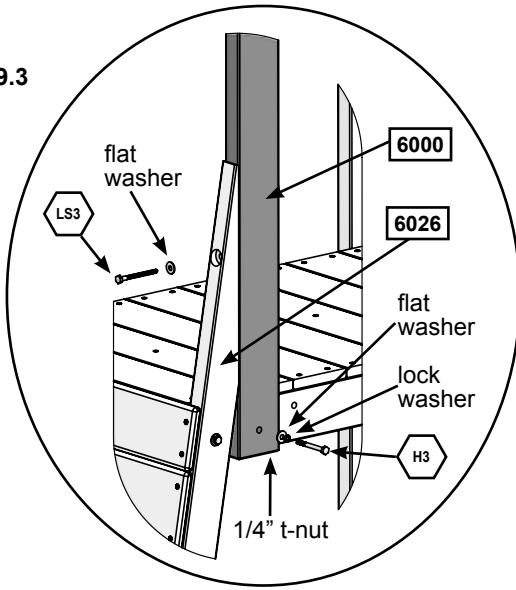
- 1 x 1/4 x 3" Hex Bolt (with lock washer, flat washer and t-nut)
- 1 x 1/4 x 3" Lag Bolt (with flat washer)
- 1 x 1/4 x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)

Step 29: Wall Top Assembly Part 2



B: Repeat step A to install the Right Wall Assembly. (fig. 29.3 & 29.4)

Fig. 29.3



Right Wall Top

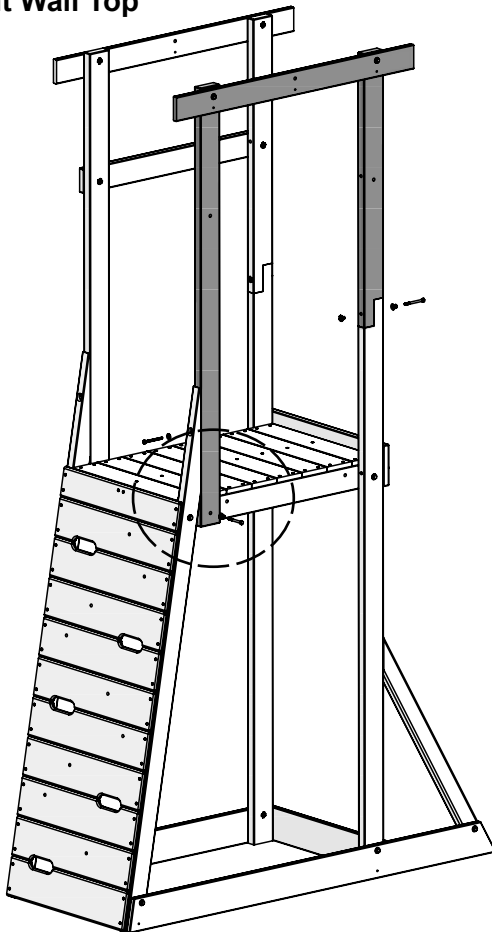
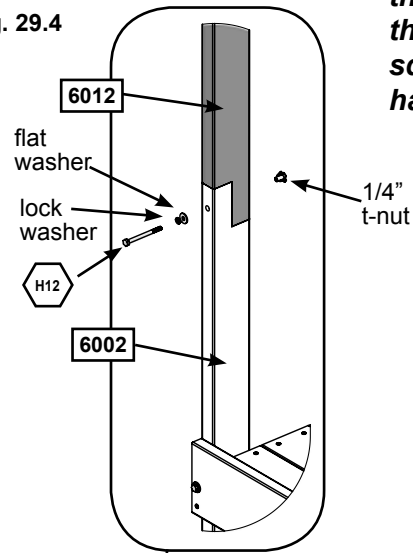
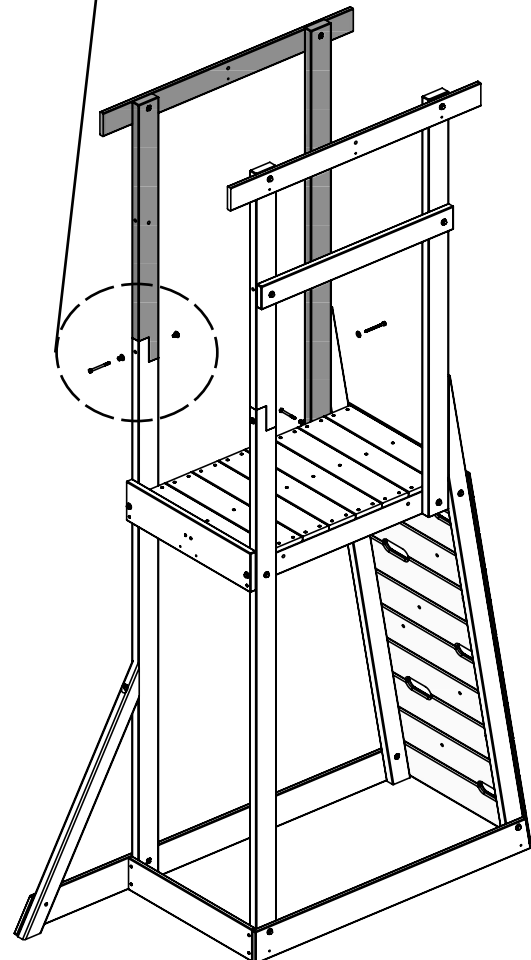


Fig. 29.4



Right Wall Top



Before proceeding to the next step ensure that unit is completely square and all hardware is tightened.

Hardware

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

Step 30: Install Top Back

- A:** On the back side of the assembly install (6028) Top Back using 2 (H8) $\frac{1}{4}$ x 4-1/4" Hex Bolt (with flat washer, lock washer and t-nut) in the upper hole and 2 (S7) #12 x 2" Pan Screws in the bottom holes. (fig 30.1 & 30.3)
- B:** On the left and right Roof Sides install 2 (S20) #8 x 1-3/8" Wood Screws into the bottom holes. (fig 30.1 & 30.2)
- C:** Install 1 (S20) #8 x 1-3/8" Wood Screw into each pre-drilled hole on the bottom of the (6020) Short Ground and (6018) Long Ground as shown in (fig. 30.1 & 30.4).

Fig. 30.2

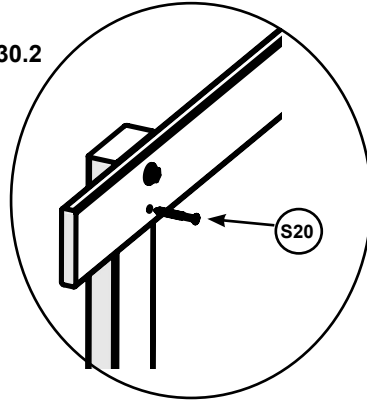


Fig. 30.1

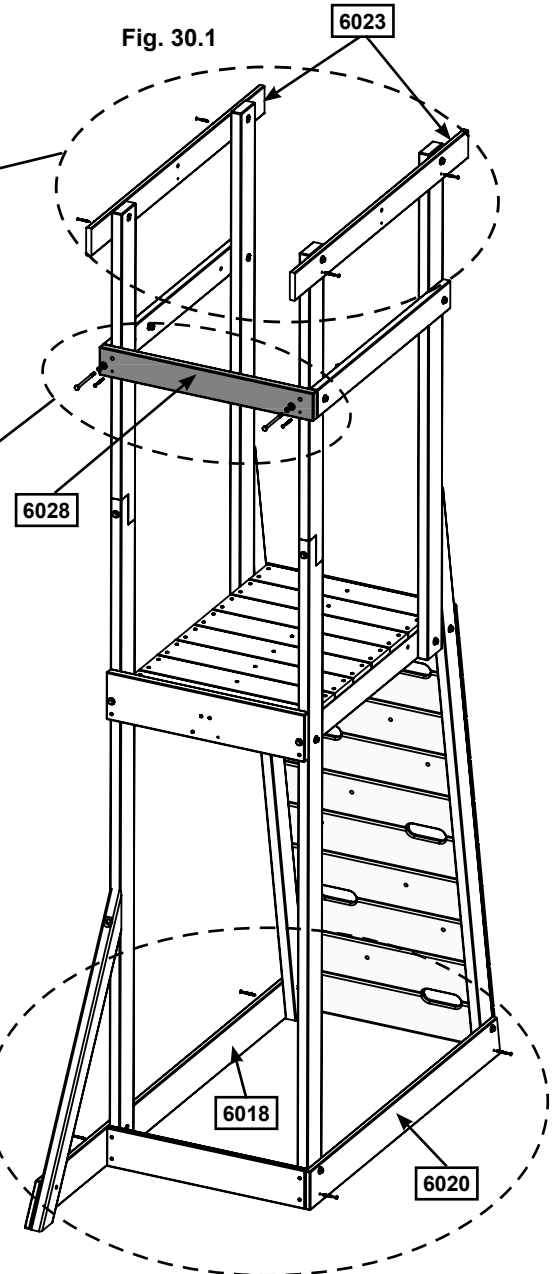


Fig. 30.3

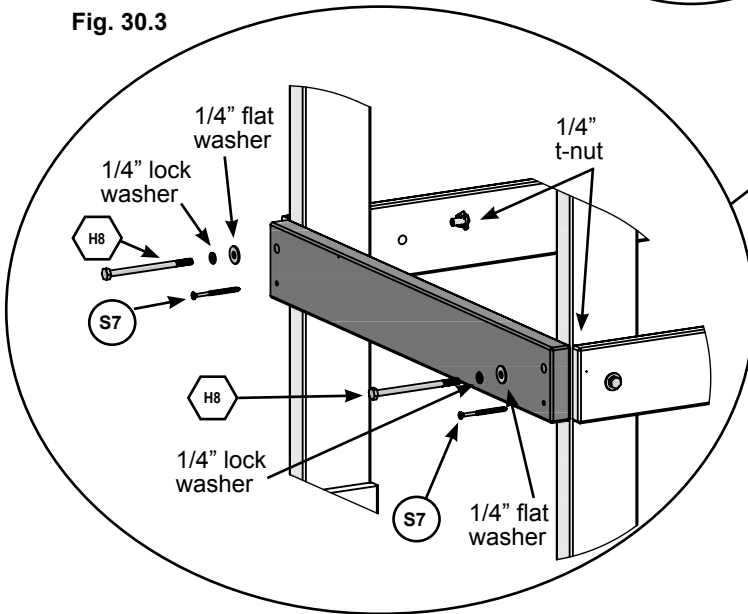
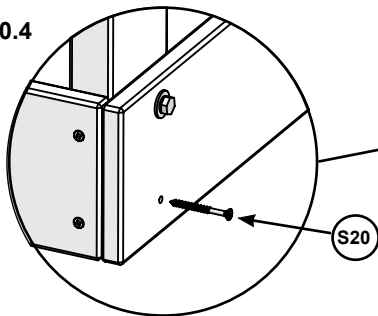


Fig. 30.4



Wood Parts

1 x 6028 Top Back 23.8 x 82.6 x 644.5mm

Hardware

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

2 x S7 #12 x 2" Pan Screws

2 x H8 $\frac{1}{4}$ x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut)

Step 31: Install Gussets Part 1

A: On the back side of the assembly place 2 (6006) Back Gussets so they meet tightly together to form a point. Center the (6006) Back Gussets on the inside of the (6034) Floor Back making sure the other ends are flush to the Long Posts. (Fig.31.1)

B: From the outside, attach the (6006) Back Gussets at the top using 2 (S15) #8 x 1-3/4" Wood Screws. Attach the (6006) Back Gussets to the (6002) Long Posts using 1 (S4) #8 x 3" Wood Screw per side in the upper hole and 1 (S11) #8 x 2" Wood Screw per side in the bottom holes. (Fig.31.2)

Fig. 31.1
back side

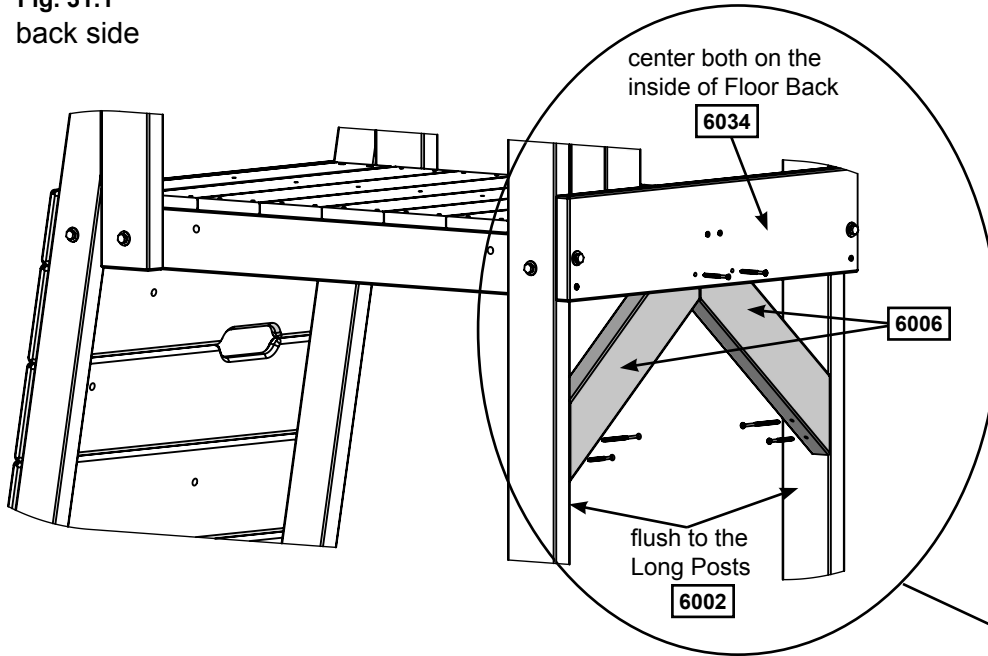
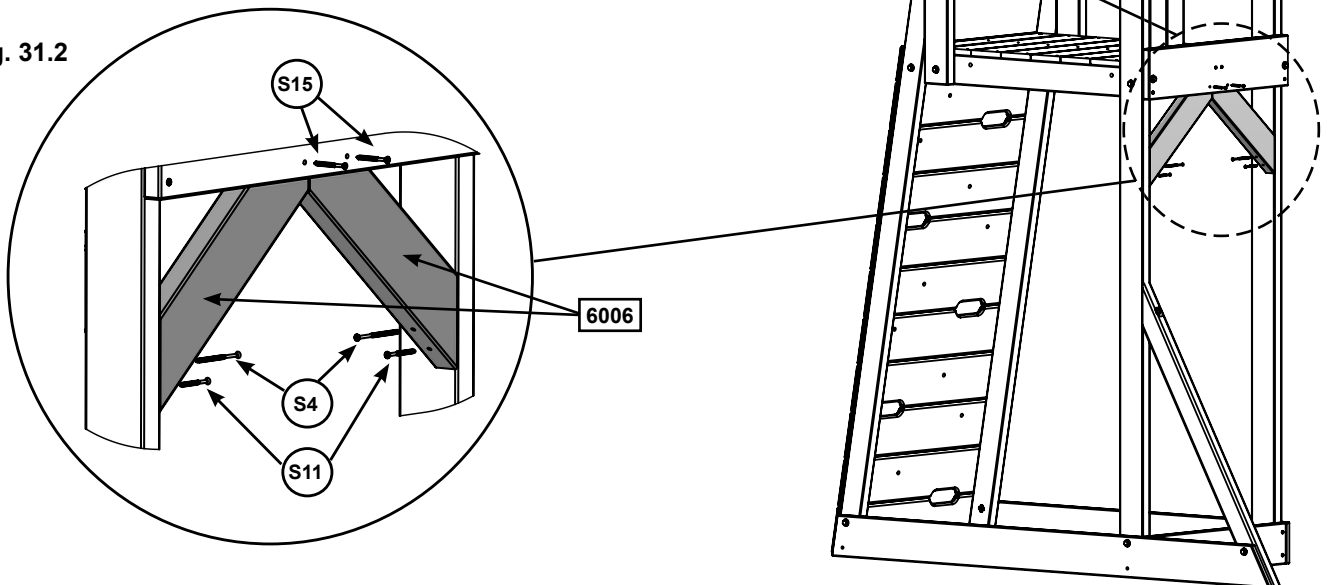


Fig. 31.2



Wood Parts

2 x **6006** Back Gusset 31.8 x 82.6 x 396.9mm

Hardware

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

2 x **S11** #8 x 2" Wood Screw

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

Step 31: Install Gussets

Part 2

C: On the right side of the assembly place 2 (6001) Gussets so that they are flush to the (6017) Floor Support. The upper corner of the front (6001) Gusset should be flush to back of the wall boards while the other (6001) Gusset should butt up against the (6006) Back Gusset previously installed. Install (6001) Gussets using 6 (S11) #8 x 2" Wood Screws and 2 (S4) #8 x 3" Wood Screws. (Fig.31.3 & 31.4)

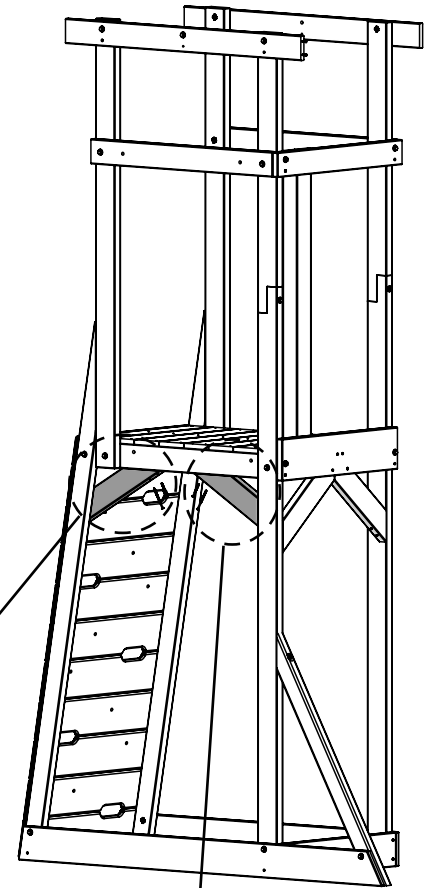
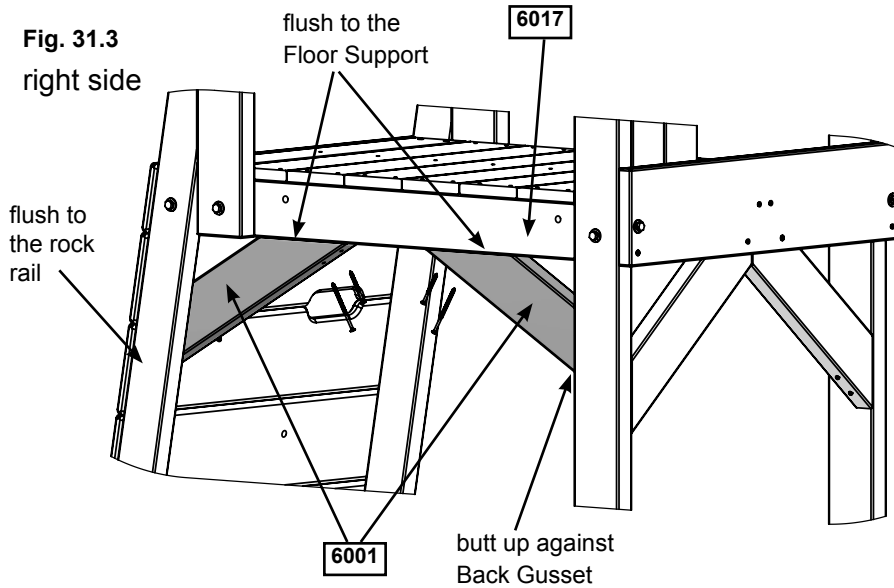
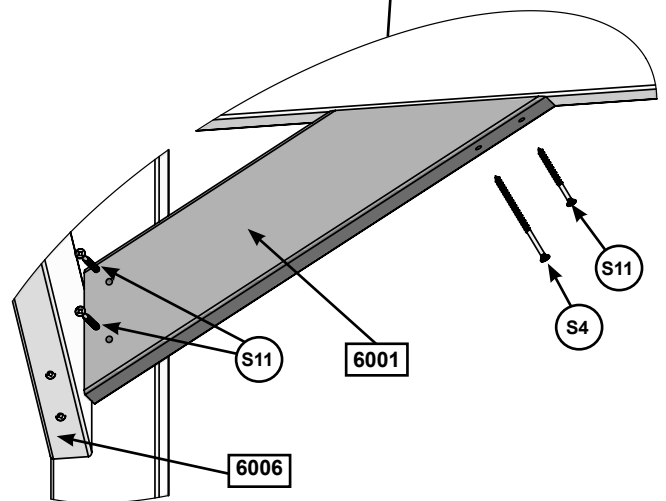
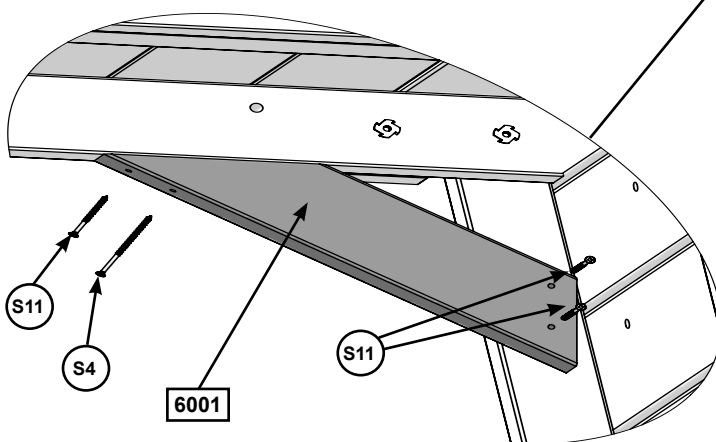


Fig. 31.4 view from underneath



Wood Parts

2 x **6001** Gusset 31.8 x 82.6 x 406.4mm

Hardware

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

6 x **S11** #8 x 2" Wood Screw

Step 32: Attach Tarp Frame Part 1



A: Place 1 (6024) Tarp End on either side of the (6023) Roof Sides as shown in (Fig. 32.1 & 32.2). Pre-drill with a 1/8" (3.2mm) drill bit and attach from the outside using 4 (S20) #8 x 1-3/8" Wood Screws per side.

B: On each inside corner attach a Corner Bracket to the (6024) Tarp Ends and (6023) Roof Sides using 3 (S37) #7 x 5/8" Pan Screws per bracket. (Fig. 32.1 & 32.2)

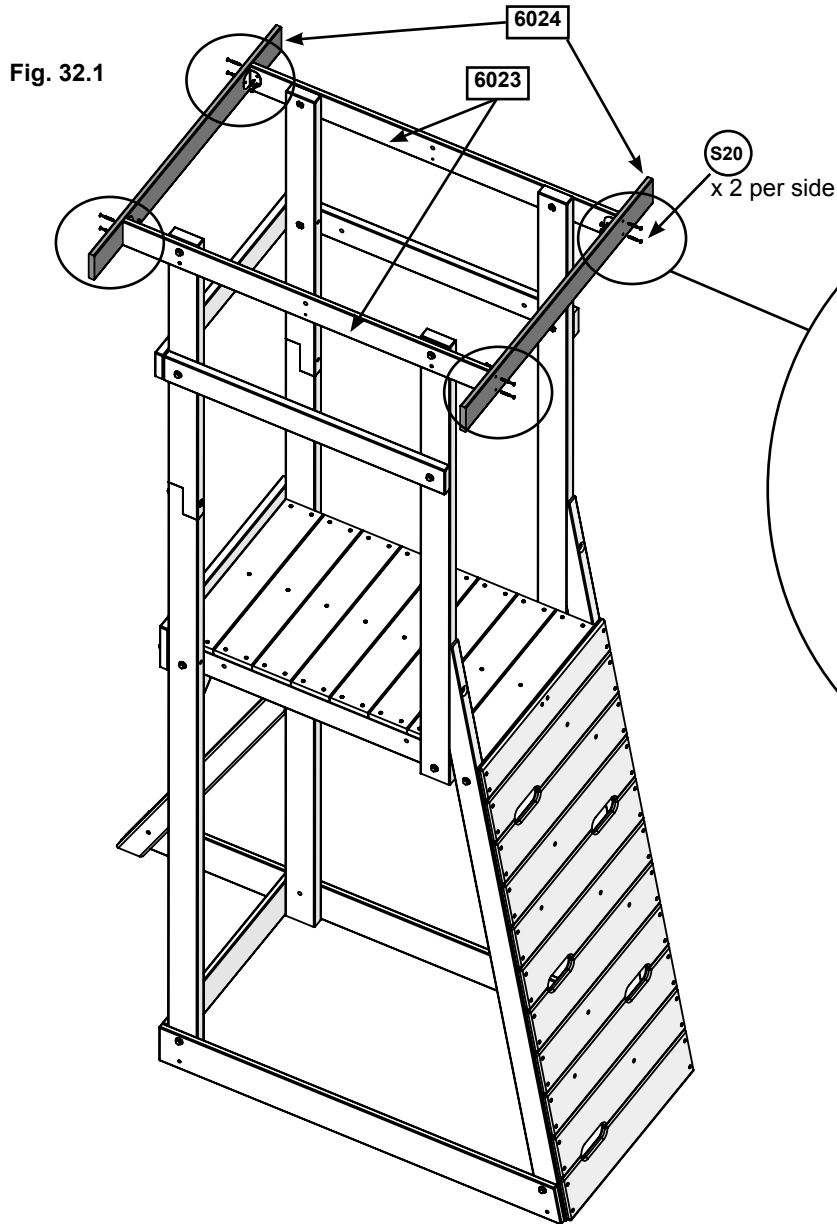
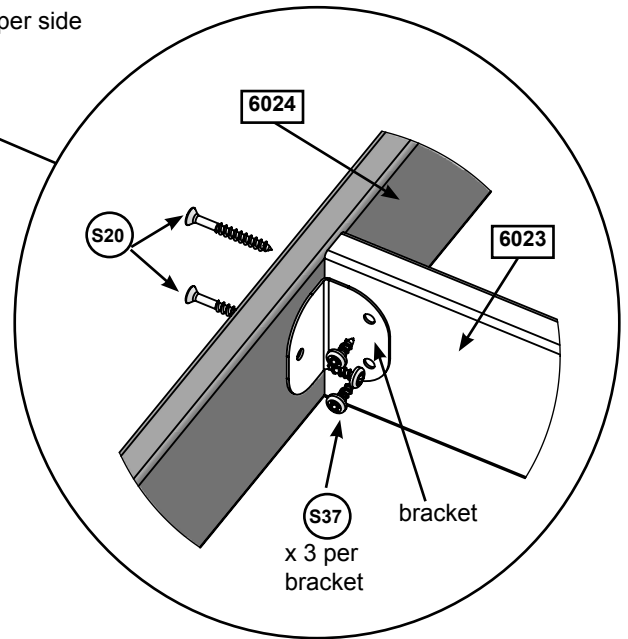


Fig. 32.2



Wood Parts

2 x Tarp End 15.9 x 82.6 x 901.7mm

Hardware

12 x #7 x 5/8" Pan Screws

8 x #8 x 1-3/8" Wood Screws

Other Parts

4 x Corner bracket

Step 32: Attach Tarp Frame Part 2

C: From inside the assembly using the center holes on the (6023) Roof Sides attach 1 (6008) Tarp Upright per side with 1 (H2) $\frac{1}{4}$ x 2" Hex Bolt (with flat washer, lock washer and t-nut) per side in the upper holes and 1 (S15) #8 x 1-3/4" Wood Screw per side in the bottom holes. (Fig. 32.3 & 32.4)

D: On the top of the (6008) Tarp Uprights install 1 (6025) Tarp Support with 2 (S4) #8 x 3" Wood Screws. (Fig. 32.3 & 32.4)

Fig. 32.3

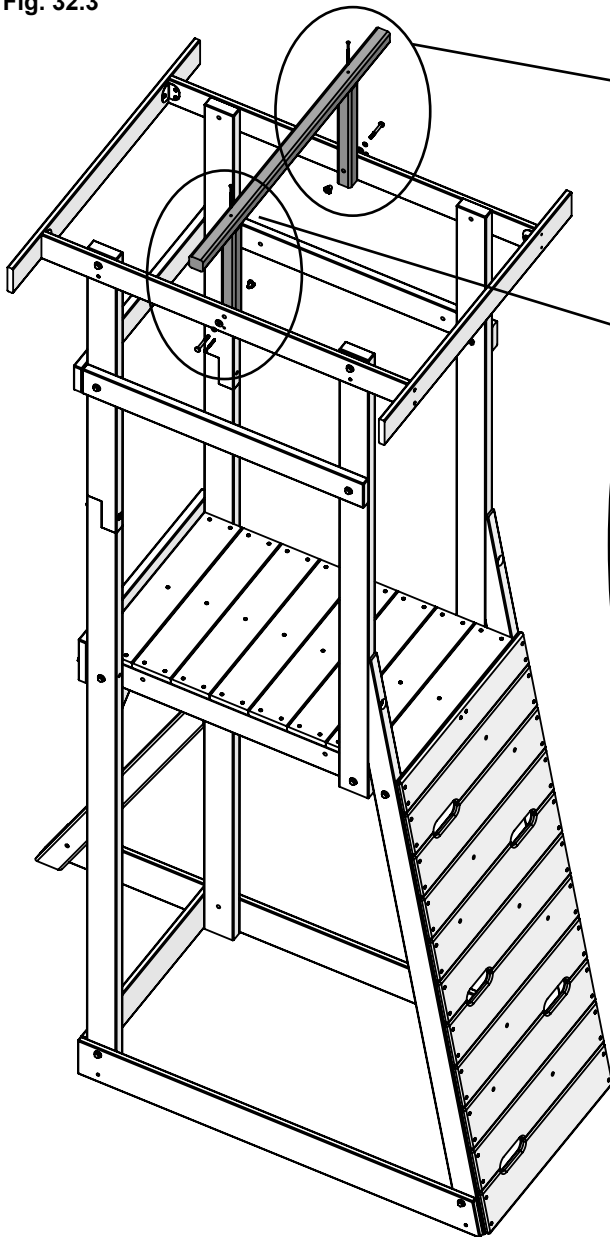
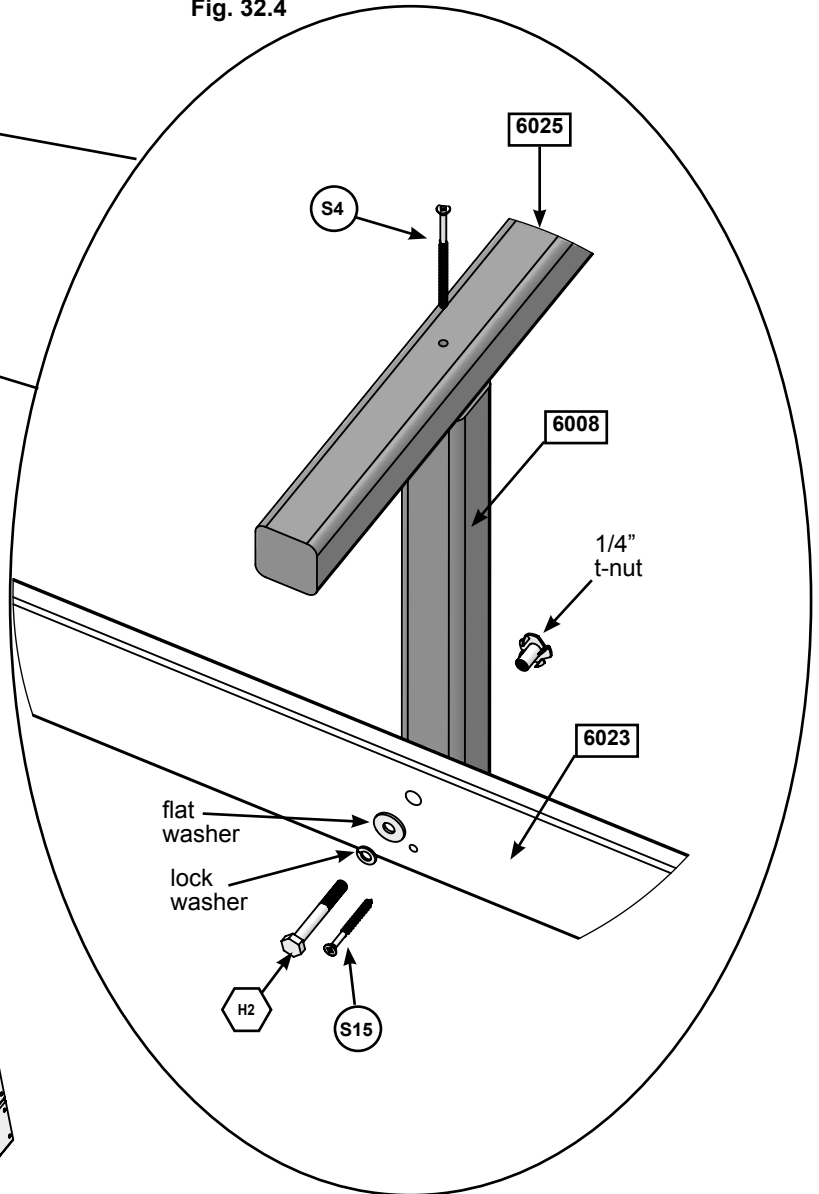


Fig. 32.4



Wood Parts

- 1 x **6025** Tarp Support 38.1 x 38.1 x 901.7mm
- 2 x **6008** Tarp Upright 38.1 x 38.1 x 336.6mm

Hardware

- 2 x **H2** $\frac{1}{4}$ x 2" Hex Bolt (with flat washer, lock washer and t-nut)
- 2 x **S15** #8 x 1-3/4" Wood Screw
- 2 x **S4** #8 x 3" Wood Screw

Step 33: Attach Tower Canopy

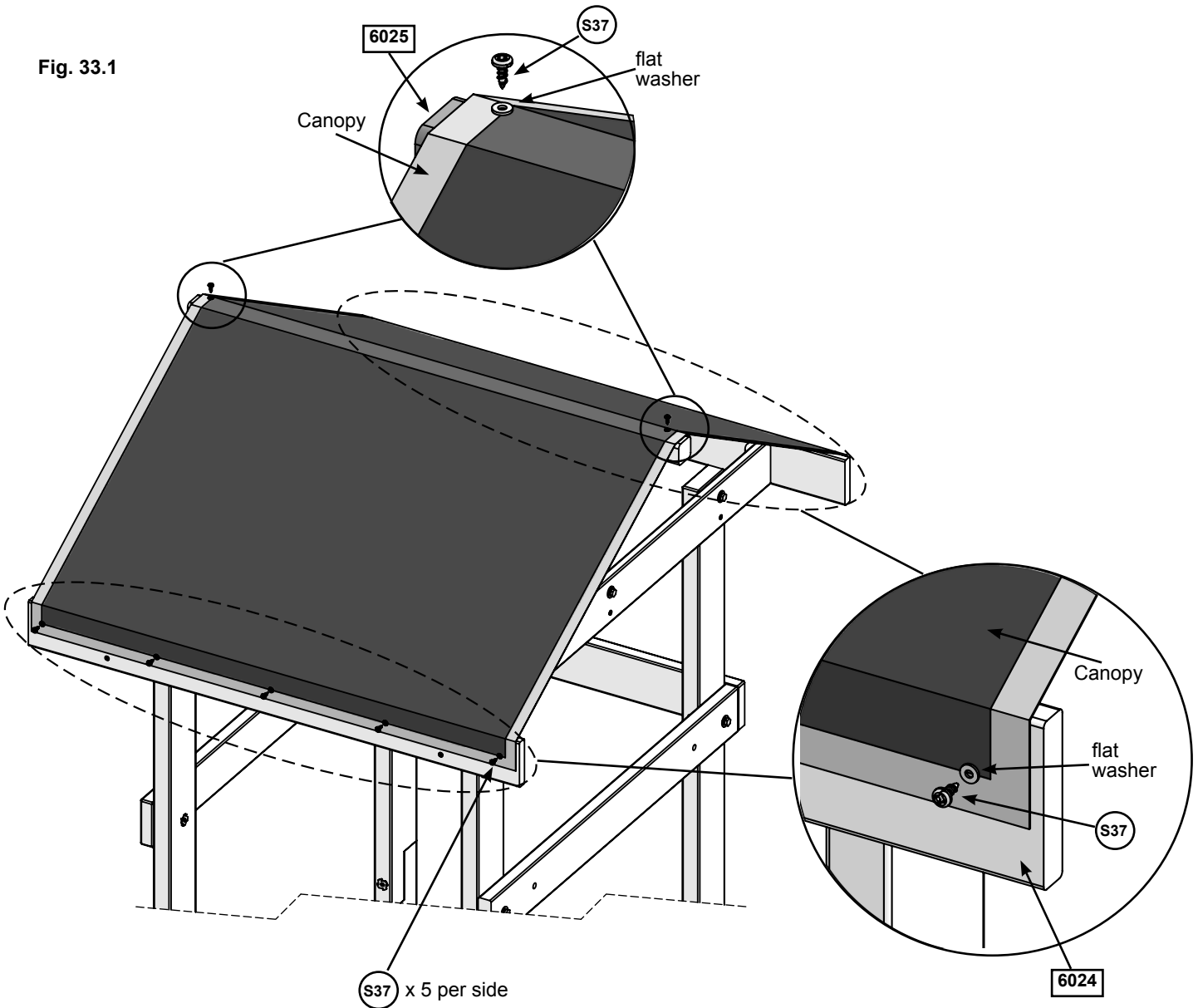
A: Place Tower Canopy over (6025) Tarp Support making sure bottom edges of Tower Canopy are even on both sides of assembly.(Fig. 33.1)

B: Secure one side by attaching Tower Canopy to 1 (6024) Tarp End using 5 (S37) #7 x 5/8" Pan Screws (with #8 flat washer). (Fig. 33.1)

C: Make sure the Tower Canopy is smooth and tight and then secure to the remaining (6024) Tarp End using 5 (S37) #7 x 5/8" Pan Screws (with #8 flat washer). (Fig. 33.1)

D: Attach Tower Canopy to each end of the (6025) Tarp Support using 2 (S37) #7 x 5/8" Pan Screws (with #8 flat washer).(Fig. 33.1)

Fig. 33.1



Hardware

12 x (S37) #7 x 5/8" Pan Screws (with #8 flat washer)

Other Parts

1 x Tower Canopy

Step 34: Install Flags

A: On each end of the (6025) Tarp Support center 1 Flag and attach using 2 (S10) #8 x 1" Pan Screws per side. (Fig. 34.1 & 34. 2)

Fig. 34.1

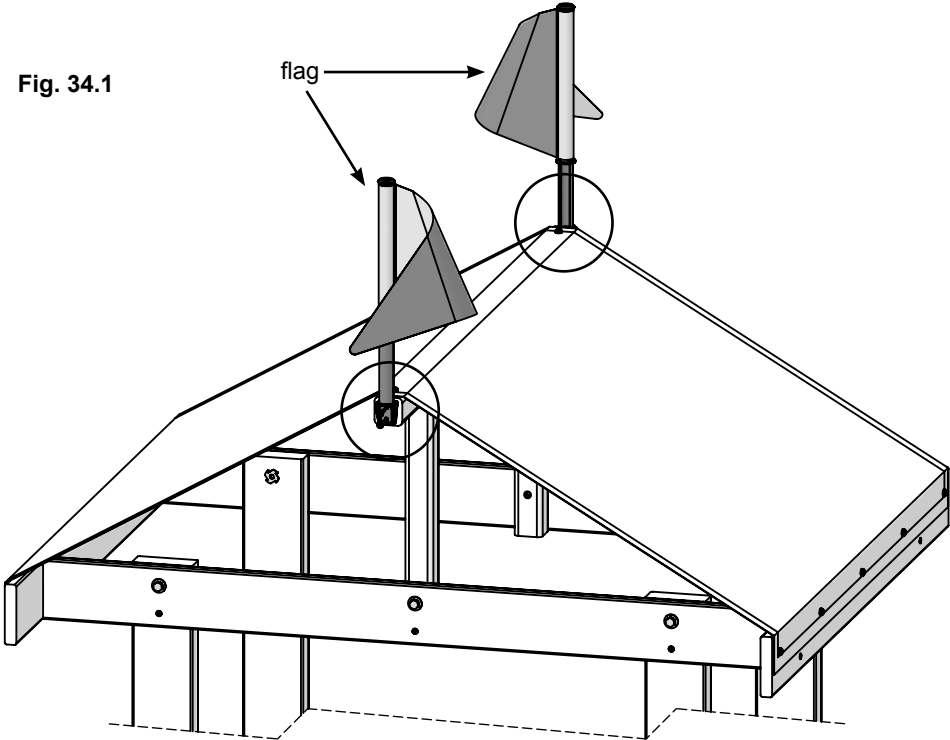
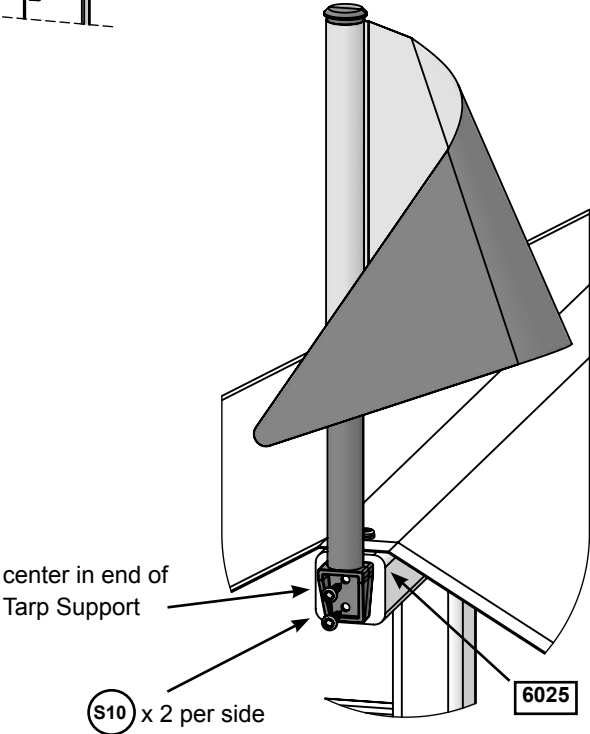


Fig. 34.2



Hardware

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

Other Parts

2 x Flag and Pole

Step 35: Attach Trim

A: Flush to the (0600) Bottom Trim and to the outside edge of the (6026) Rock Rail attach 1 (0602) Short Trim on each side of the (6026) Rock Rails with 1 (S20) #8 x 1-3/8" Wood Screw per side in the center hole. (Fig. 35.1 & 35.2)

B: Flush to the top of both (0602) Short Trims attach 1 (0601) Side Trim with 4 (S20) #8 x 1-3/8" Wood Screws per side. (Fig. 35.1 & 35.2)

C: Making sure that it's flush with the top of (6030) Tunnel Side Top and both (0601) Side Trims attach 1 (0603) Top trim to the (6000) Upper Posts using 4 (S20) #8 x 1-3/8" Wood Screws. (Fig. 39.1 & 39.2)

Fig. 35.1

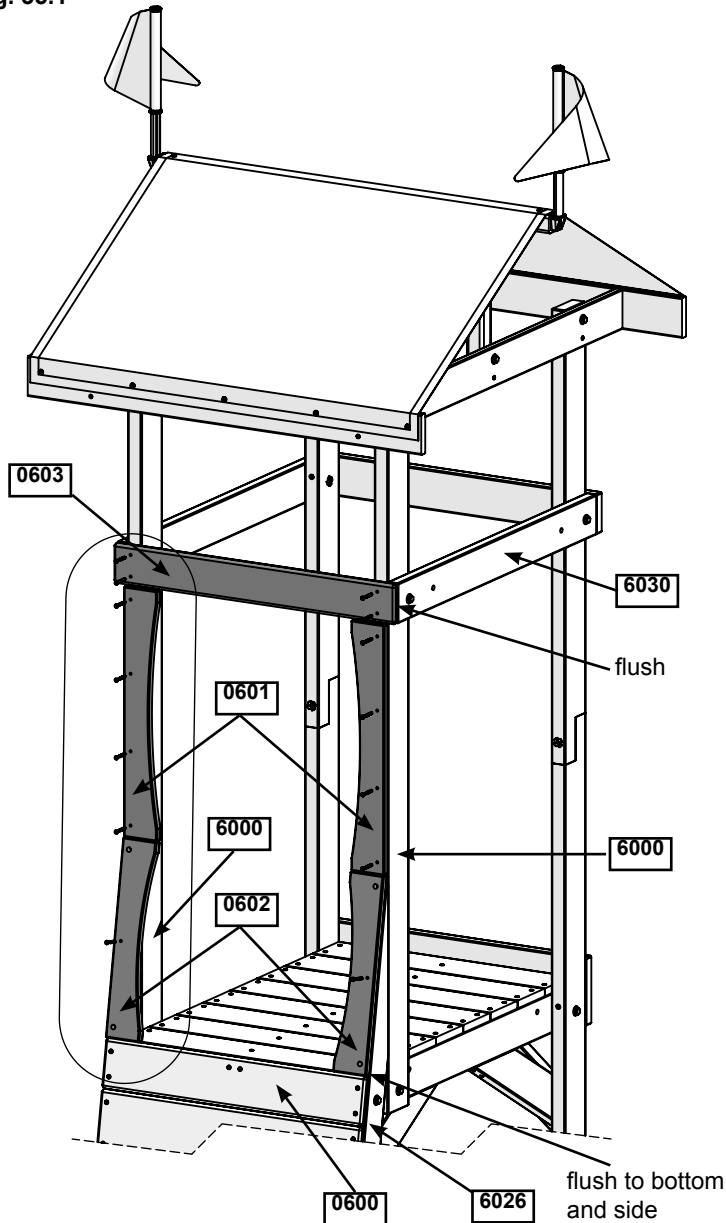
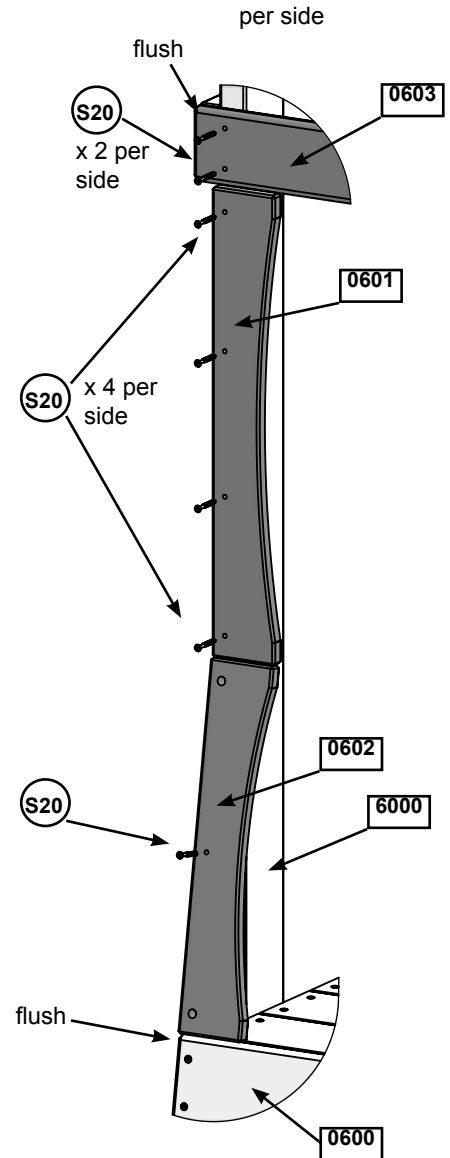


Fig. 35.2



Wood Parts

- 1 x 0603 Top Trim 15.9 X 101.6 X 596.9mm
- 2 x 0601 Side Trim 15.9 x 76.2 x 500mm
- 2 x 0602 Short Trim 15.9 x 76.2 x 420mm

Hardware

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

Step 36: Attach Hand Grips



A: Place 1 Hand Grip over the existing holes in (0602) Short Side Trim, making sure that it's centered and flush to the edges. Pre-drill with a 1/8: (3.2mm) drill bit and attach Hand Grip with 2 (LS2) 1/4 x 2-1/2" Lag Screws (with flat washers). (fig. 36.1 and 36.2)

B: Repeat step to install a second Hand Grip on the other side.

Fig. 36.1

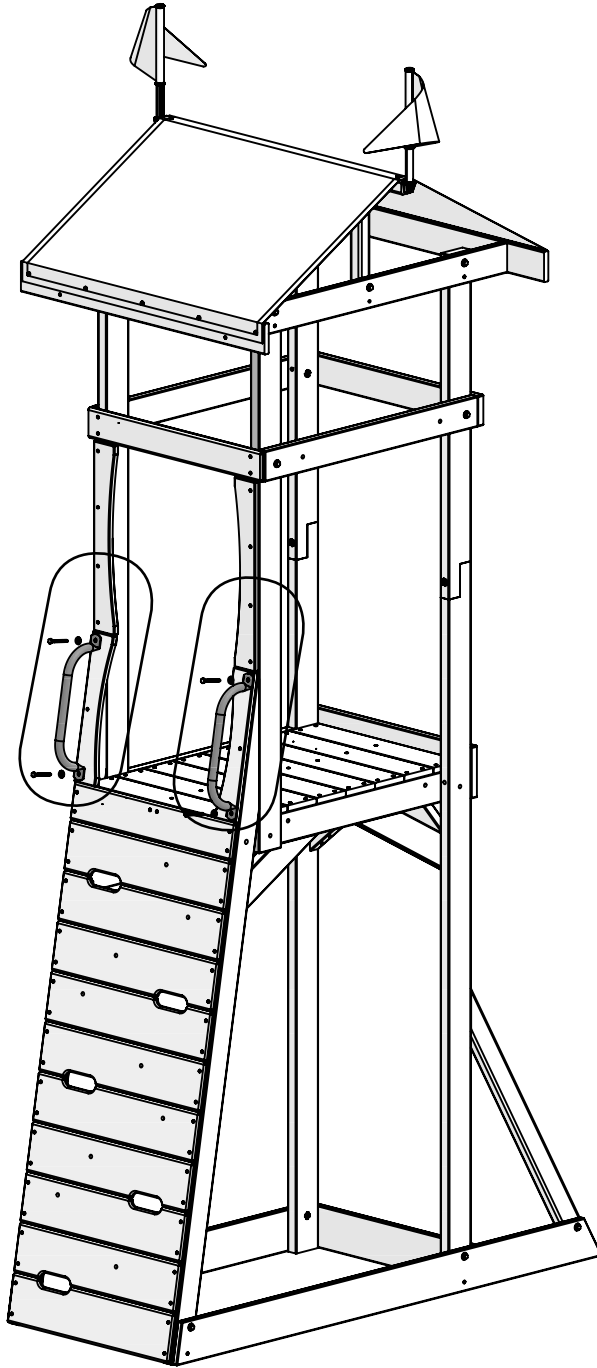
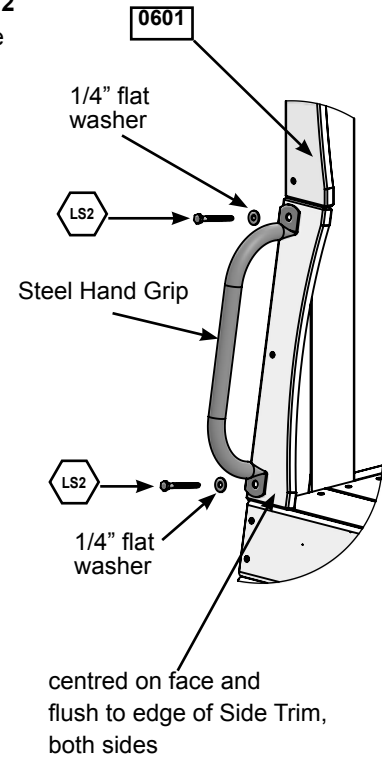


Fig. 36.2
per side



Hardware

4 x  1/4 x 2-1/2" Lag Screws (with flat washers)

Other Parts

2 x Steel Hand Grip

Step 37: Attach SL Brace

A: On the left side wall, place 1 (6022) SL Brace against the (6017) Floor Support making sure that it's flush with the top of the floorboards. Attach using 2 (H3) $\frac{1}{4}$ x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut). (Fig. 37.1 & 37.2 & 37.3)

B: Center the (6005) Slide Block vertically in the slide opening ensuring that it's flush to the bottom of (6022) SL Brace and attach to the (6017) Floor Support using 2 (S11) #8 x 2" Wood Screws. (Fig. 37.1 & 37.2 & 37.3)

C: From inside the assembly place 1 (6032) TNR Wall so it's pressed against the inside of the (6005) Slide Block, (6026) Rock Rail and (6002) Long Post. Ensure that the bottom of the (6032) TNR Wall is flush with the bottom of the (6005) Slide Block and attach with 7 (S11) #8 x 2" Wood Screws. (Fig. 37.1 & 37.2 & 37.3).

Fig. 37.1
left side wall

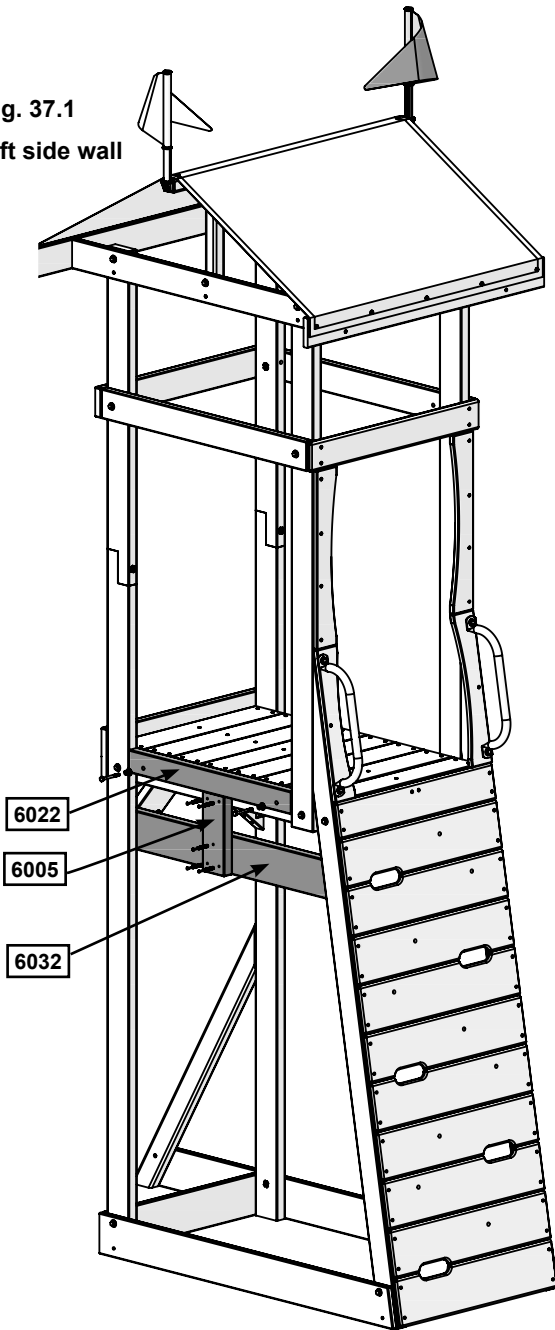


Fig. 37.2
inside

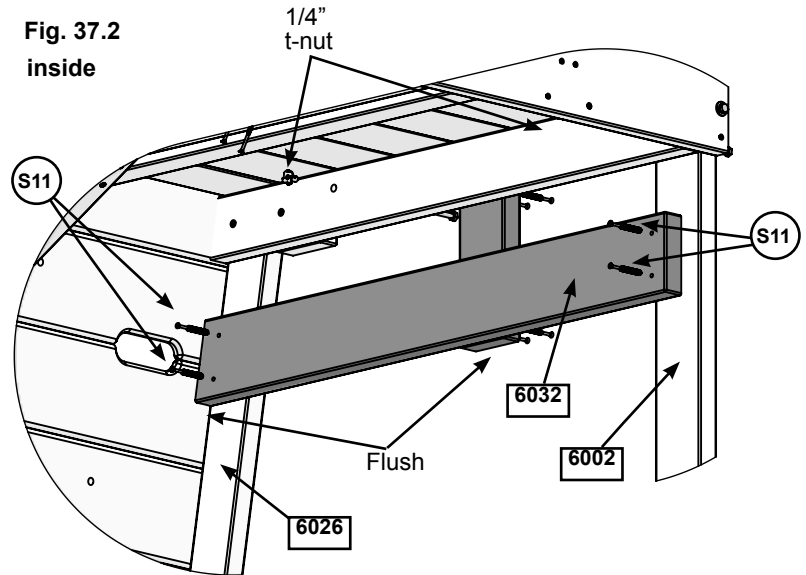
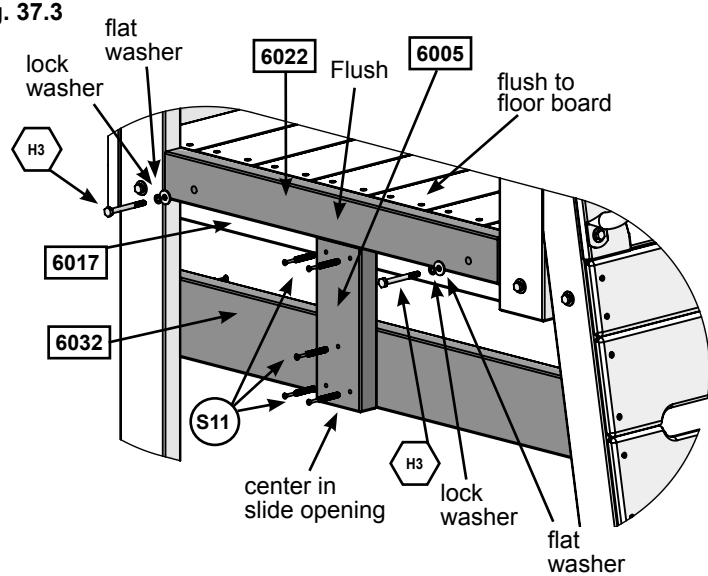


Fig. 37.3



Wood Parts

- 1 x **6022** SL Brace 31.8 x 63.5 x 616mm
- 1 x **6005** TNR Slide Block 31.8 x 82.6 x 222.3mm
- 1 x **6032** TNR Wall 31.8 x 108 x 874mm

Hardware

- 9 x **S11** #8 x 2" Wood Screws
- 2 x **H3** $\frac{1}{4}$ x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)

Step 38: Attach Tunnel Wall Assembly



A: On the left side of the tunnel wall place 1 (6007) Wall Support beside the (6000) Upper Post. The top of the (6007) Wall Support should be behind the (6030) Tunnel Side Top and the bottom end should be on the outside of the (6017) Floor Support. Attach using 1 (H2) ¼ x 2" Hex Bolts (with flat washer, lock washer and t-nut) in tunnel side and 1 (H3) ¼ x 2-1/2" Hex Bolt in Floor Support. (Fig. 38.1 & 38.2)

B: Repeat step A to install a second (6007) Wall Support on the right side of the tunnel wall. (Fig. 38.1 & 38.2)

C: Measure to ensure that there is a 17" (432mm) space between the 2 (6007) Wall Supports and attach 1 (6014) Tunnel Spacer flush to the top of the floor boards with 5 (S11) #8 x 2" Wood Screws.(Fig. 38.1 & 38.2)

Fig. 38.1

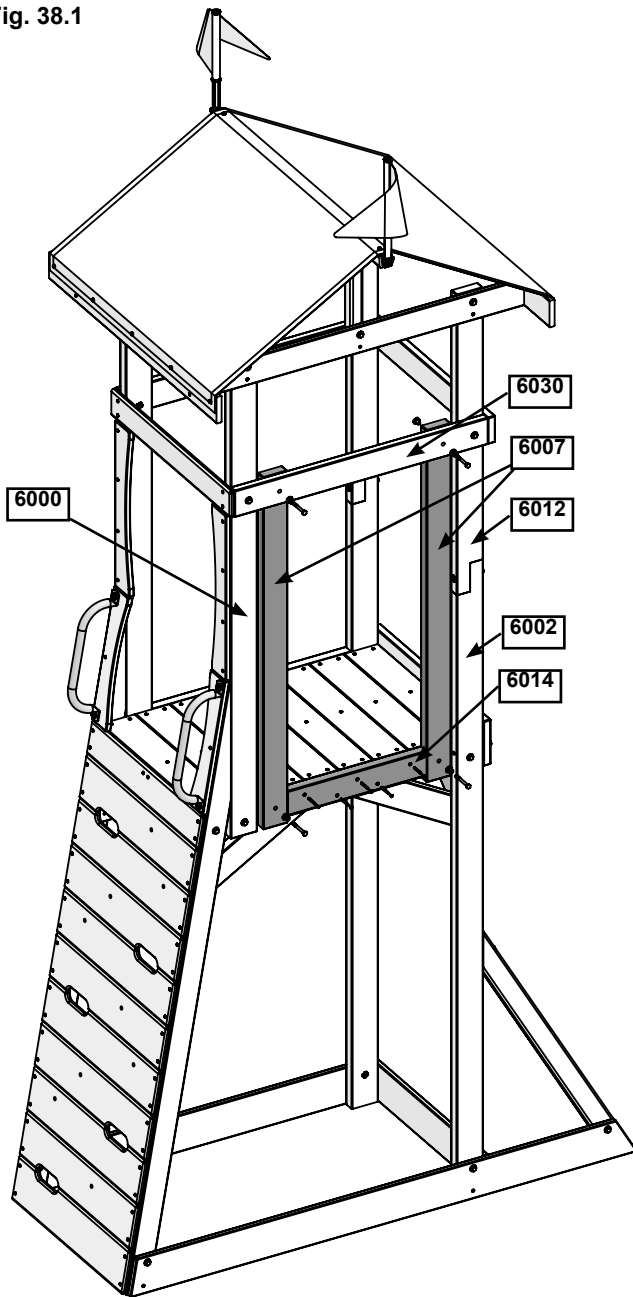
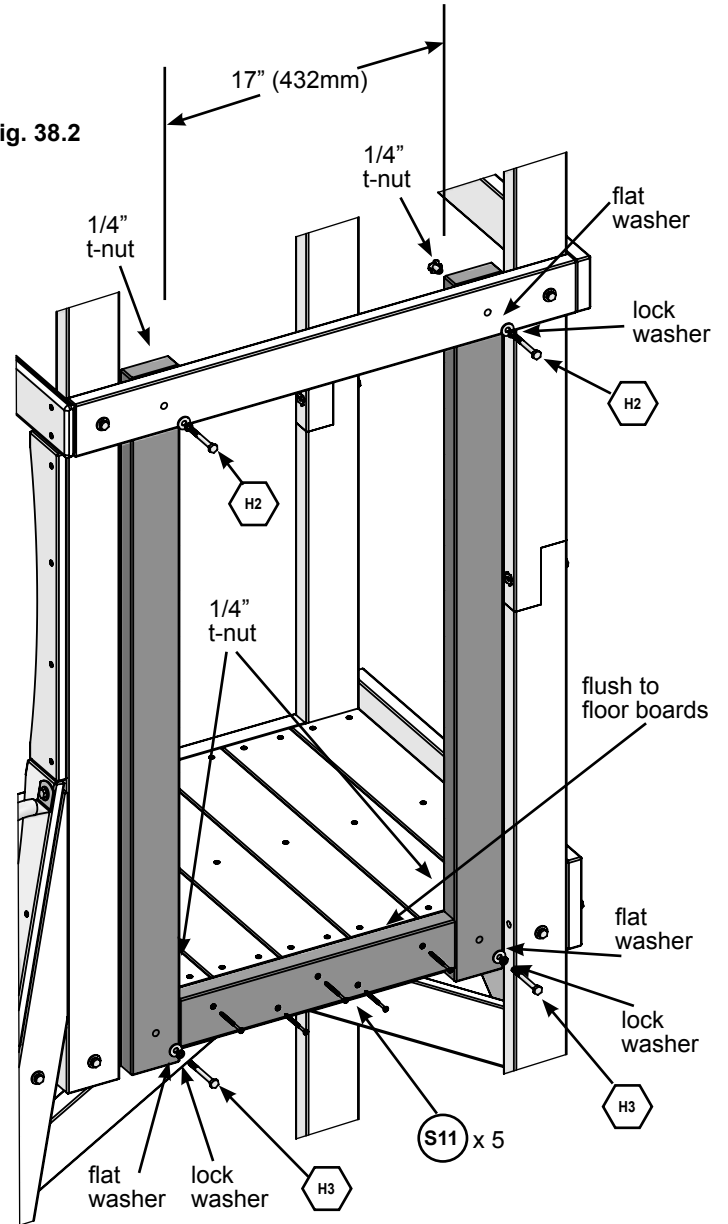


Fig. 38.2



Wood Parts

- 2 x **6007** Wall Support 31.8 x 76.2 x 1095.4mm
- 1 x **6014** Tunnel Spacer 31.8 x 76.2 x 430.2mm

Hardware

- 5 x **S11** #8 x 2" Wood Screws
- 2 x **H3** ¼ x 2-1/2" Hex Bolt (with flat washer, lock washer and t-nut)
- 2 x **H2** ¼ x 2" Hex Bolts Hex Bolt (with flat washer, lock washer and t-nut)

Step 39: Attach Rocks to Climbing Wall

A: Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) ¼ x 1-1/4" Pan Bolt (with ¼" lock washer, 3/16" flat washer and ¼" barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. (Fig. 39.1 & 39.2 & 39.3)

The Pan Screw is placed in the hole beneath the Pan Bolt.

Fig. 39.1

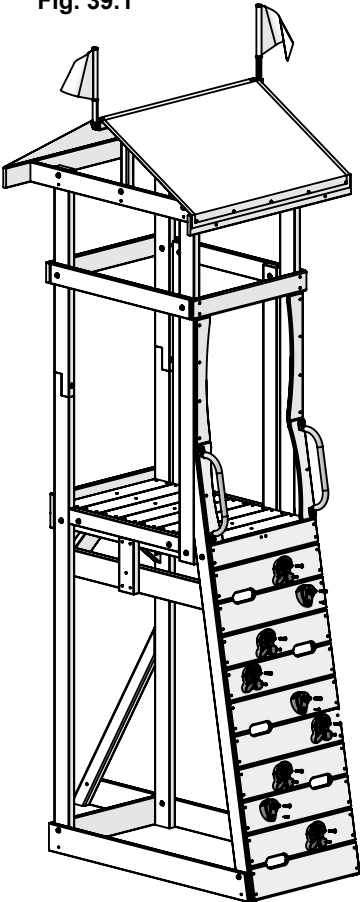


Fig. 39.2

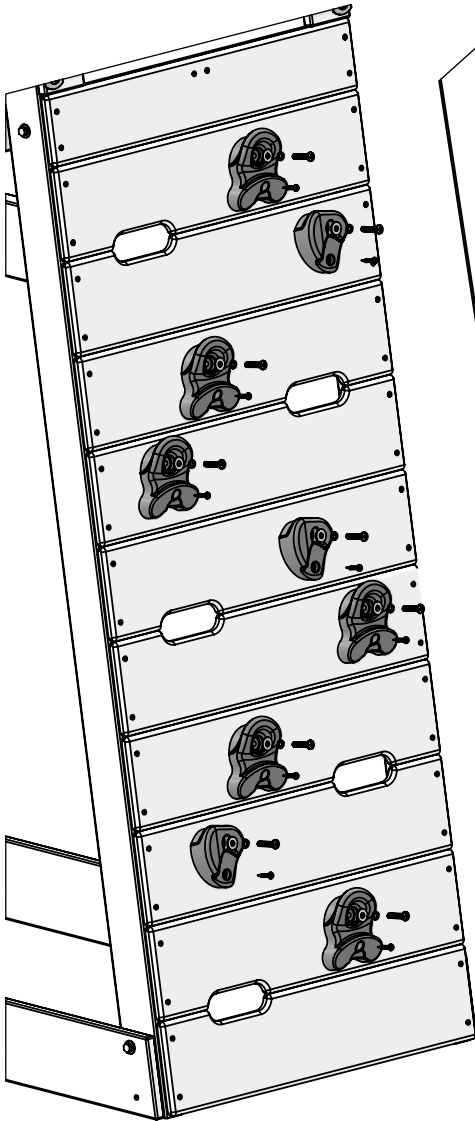
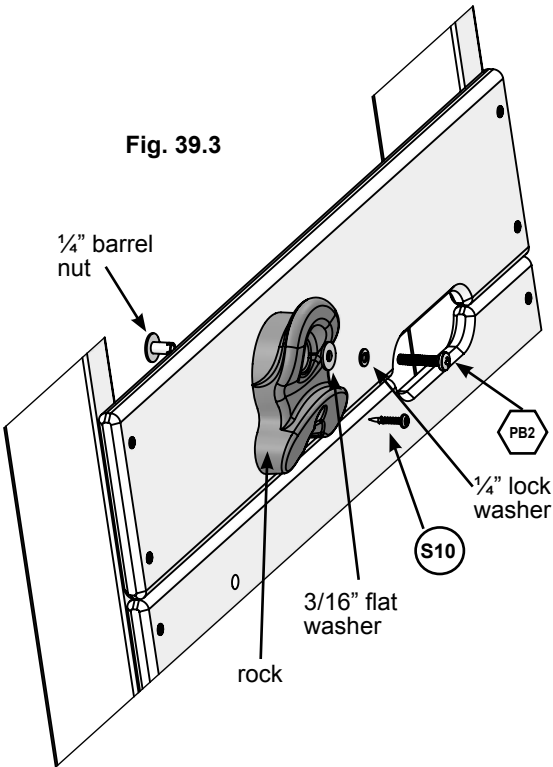


Fig. 39.3



Hardware

- 9 x (S10) #8 x 1" Pan Screw
- 9 x (PB2) ¼ x 1-1/4" Pan Bolt (with ¼" lock washer, 3/16" flat washer and ¼" barrel nut)

Other Parts

- 9 x Rocks

Step 40: Attach Telescope

A: On the Back Wall, center the Telescope and attach to (6028) Top Back with 2 (S20) #8 x 1-3/8" Wood Screws. (fig. 40.1 & 40.2)

Move Assembly to final location.(fig. 40.3)

Fig. 40.1

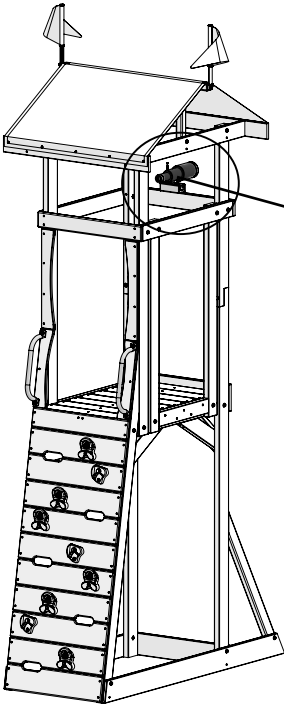


Fig. 40.2

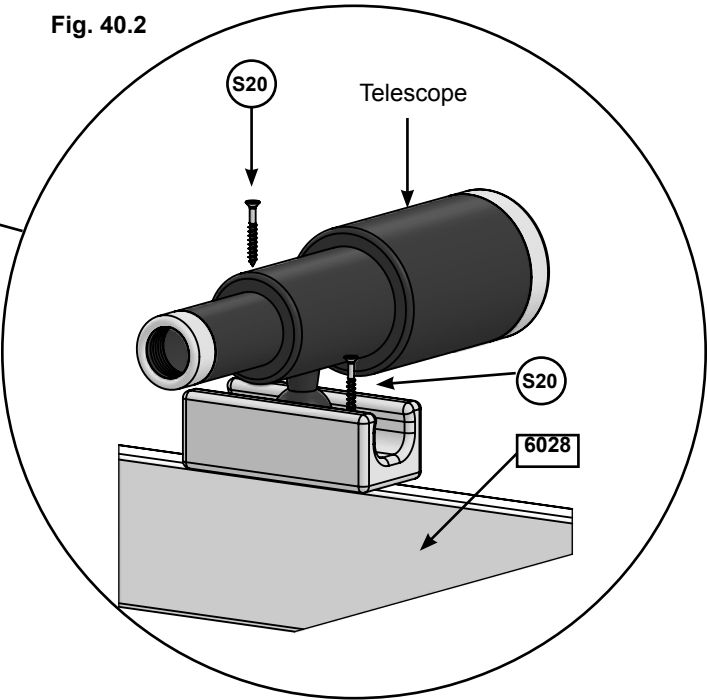
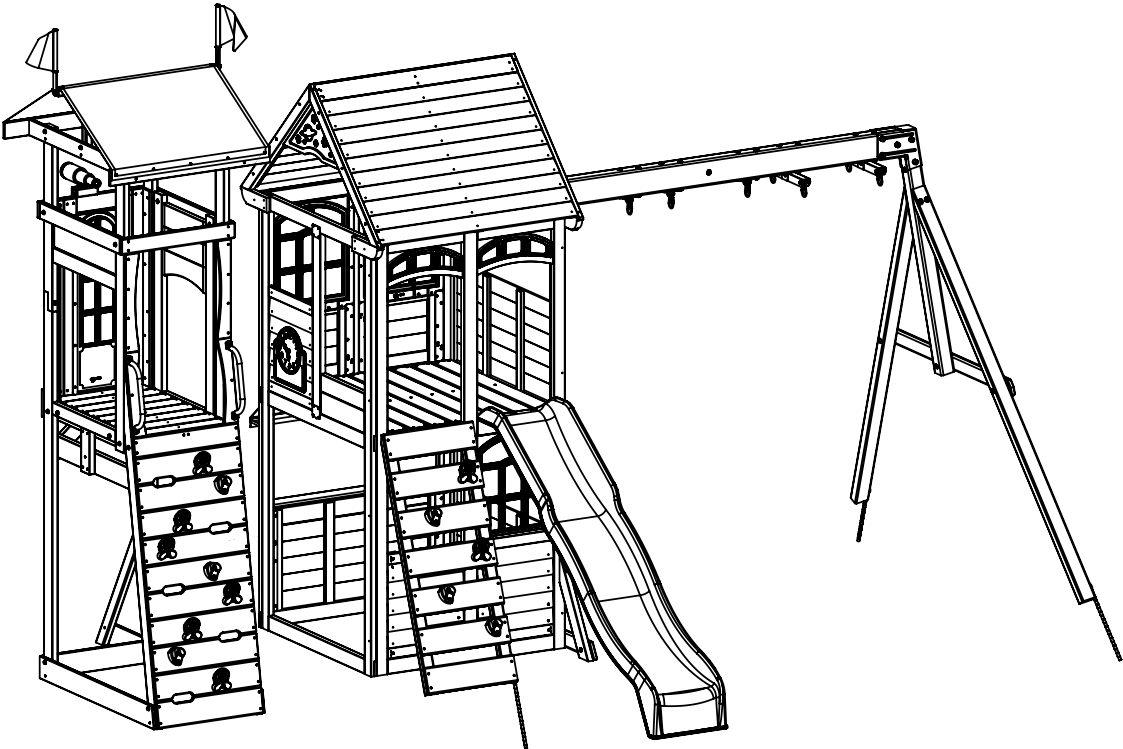



Fig. 40.3



approximately 33.5" apart with the openings lining up

Hardware

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

Other Parts

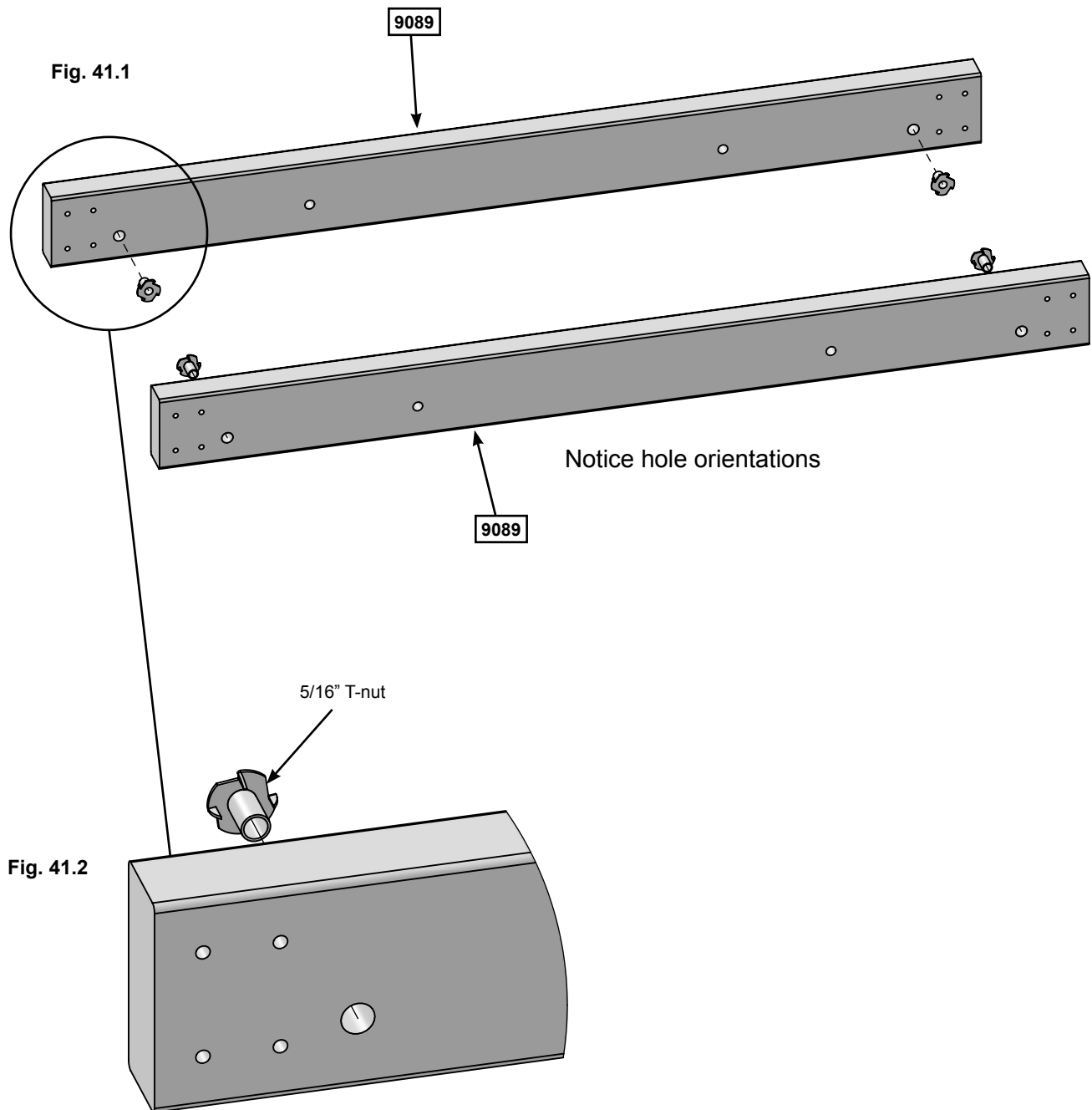
1 x Telescope w/ Mount

3' Tunnel & Chin Bar Assembly

Step 41: Tunnel Frame Assembly

Part 1

A: Place 2 (9089) Short Tunnel Side Joists side by side making sure that the pre-drilled holes for the t-nuts are at the bottom. Install 1 t-nut on the inside of all 4 ends. (fig. 41.1 and 41.2)



Wood Parts

2 x 9089 Short Tunnel Side Joist 31.8 x 76.2 x 914.4mm

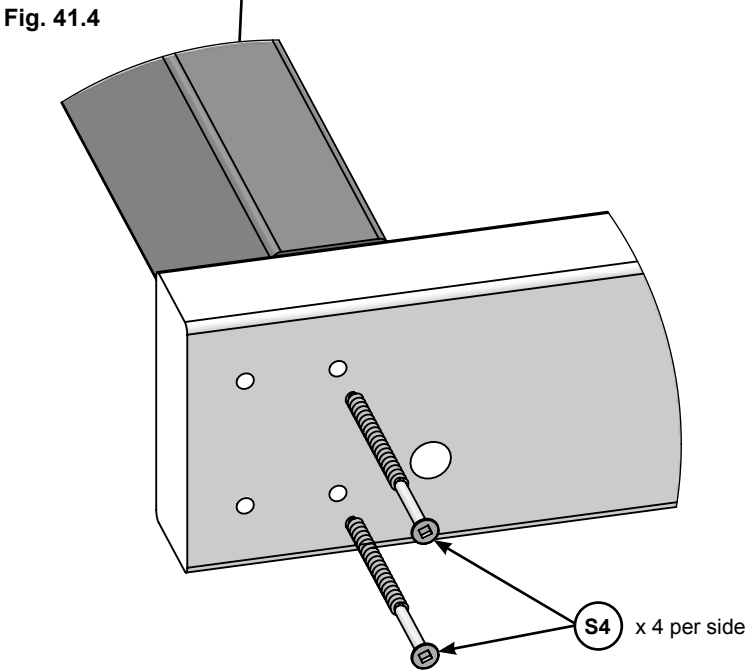
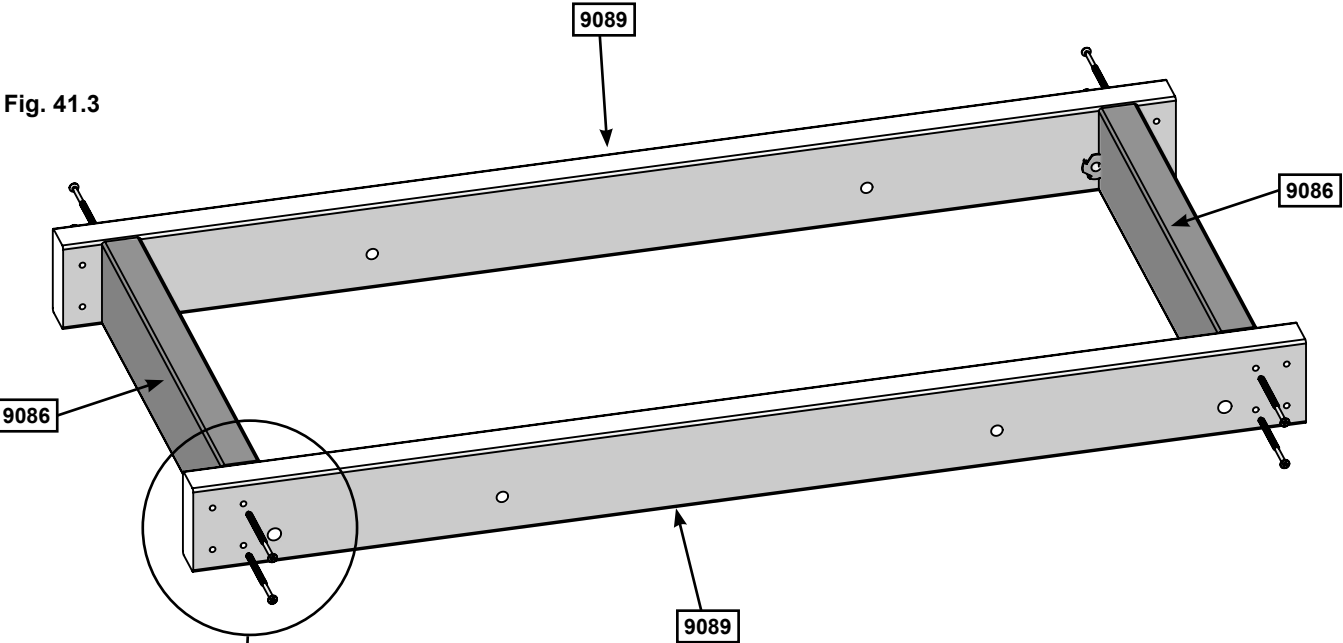
Hardware

4 x 5/16" T-nut

Step 41: Tunnel Frame Assembly

Part 2

B: Place 1 (9086) Tunnel Top at each end of the joists so that they line up with the inside set of pre-drilled holes on the (9089) Short Tunnel Side Joists. Attach using 8 (S4) #8 x 3" Wood Screws. (Fig. 41.3 and 41.4)



Wood Parts

2 x 9086 Tunnel Top 31.8 x 76.2 x 366.7mm

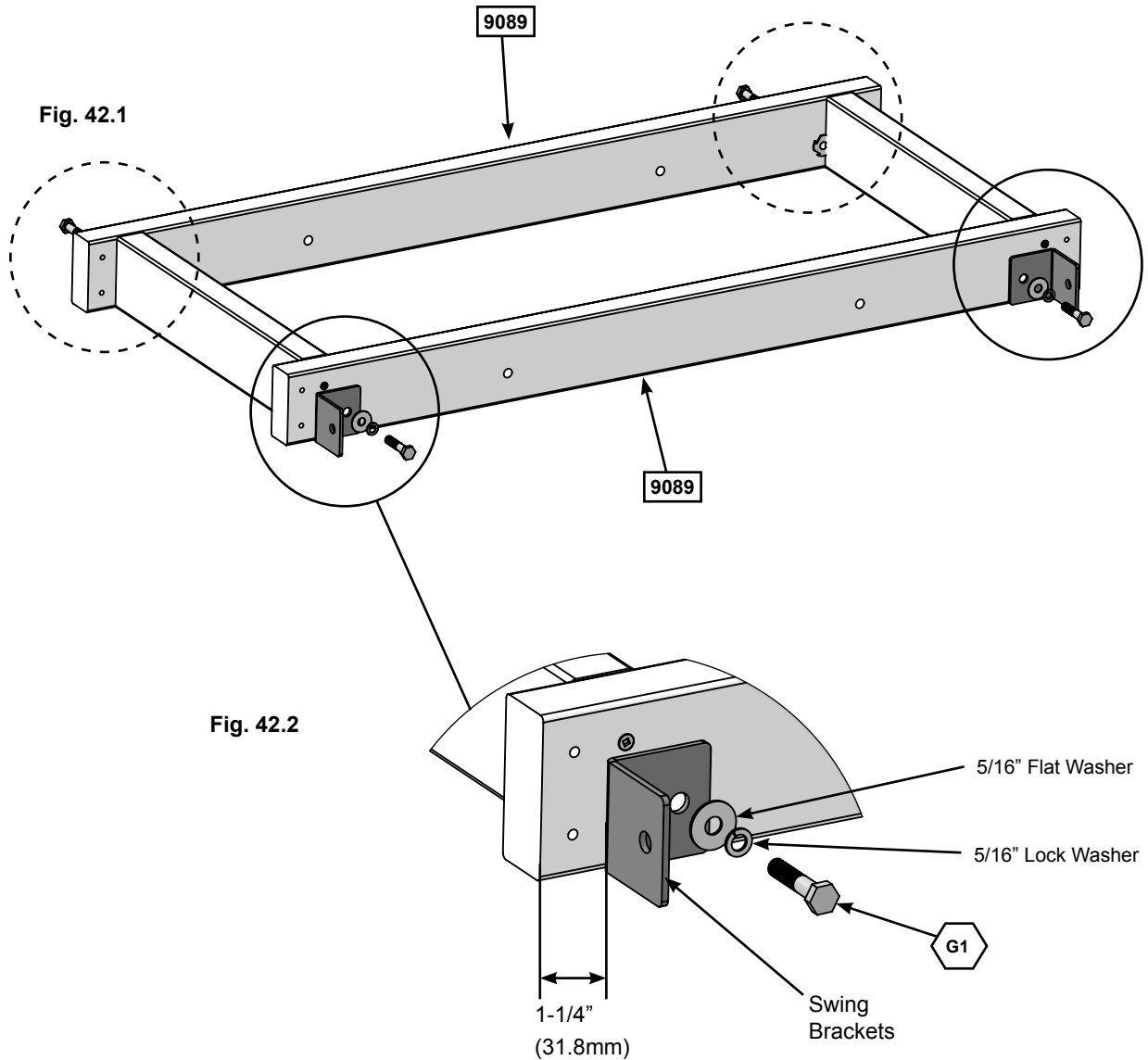
Hardware


8 x S4 #8 x 3" Wood Screw

Step 42: Install Swing Brackets



A: From outside the frame assembly, measure 1-1/4" (31.8mm) in from each end of the (9089) Short Tunnel Side Joists and attach 4 Swing Brackets using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with flat washer and lock washer) per bracket. (fig. 42.1 and 42.2)



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

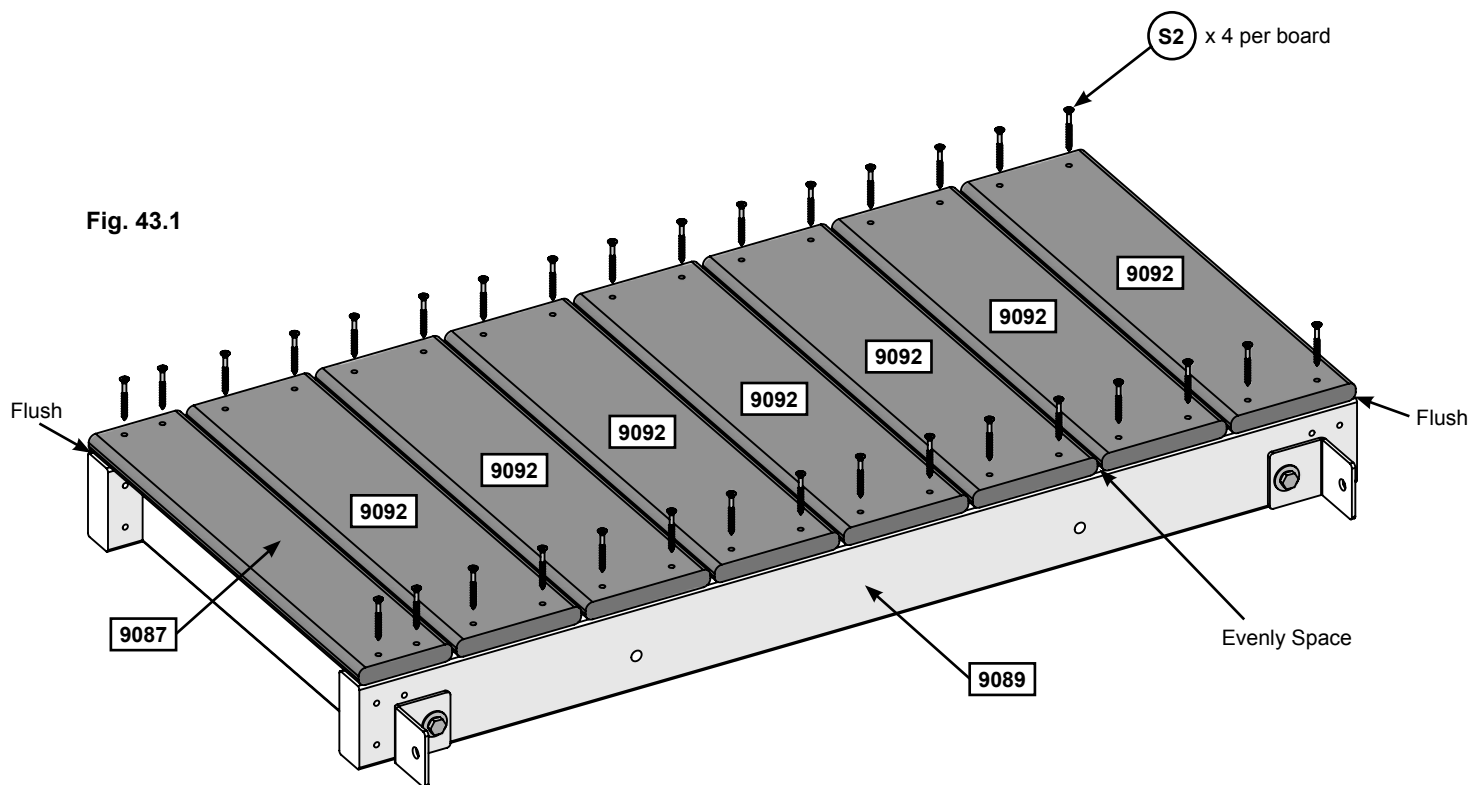
Other Parts
4 x Swing Bracket

Step 43: Attach Floor Boards

A: Place 1 (9087) Floor Board at the end of the tunnel frame so it's flush with the ends and the sides of the (9089) Short Tunnel Side Joists and attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 43.1)

B: Place 1 (9092) Floor Board at the other end of the tunnel frame ensuring that it's flush with the ends and the sides of the (9089) Short Tunnel Side Joists and attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 43.1)

C: Evenly space the remaining 6 (9092) Floor Boards and attach all boards using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 43.1)



Place the small floor board flush to one end and one of the wide floor boards flush to the other end, space remaining 6 boards equally.

Wood Parts

- 1 x 9087 Floor Board 15.9 x 85.7 x 428.6mm
- 7 x 9092 Floor Board 15.9 x 114.3 x 428.6mm

Hardware

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

Step 44: Install Upper Tunnel Insert



A: From inside the Adventure Tower measure 1-5/8" (41.3mm) down from the top of the top of the Wall Support as shown in fig. 44.2 and place the (6038) Upper Tunnel Insert into the opening. Attach to the Wall Supports using 4 (S0) #8 x 7/8" Truss Screws. (fig. 44.1 and 44.2)

Fig. 44.1

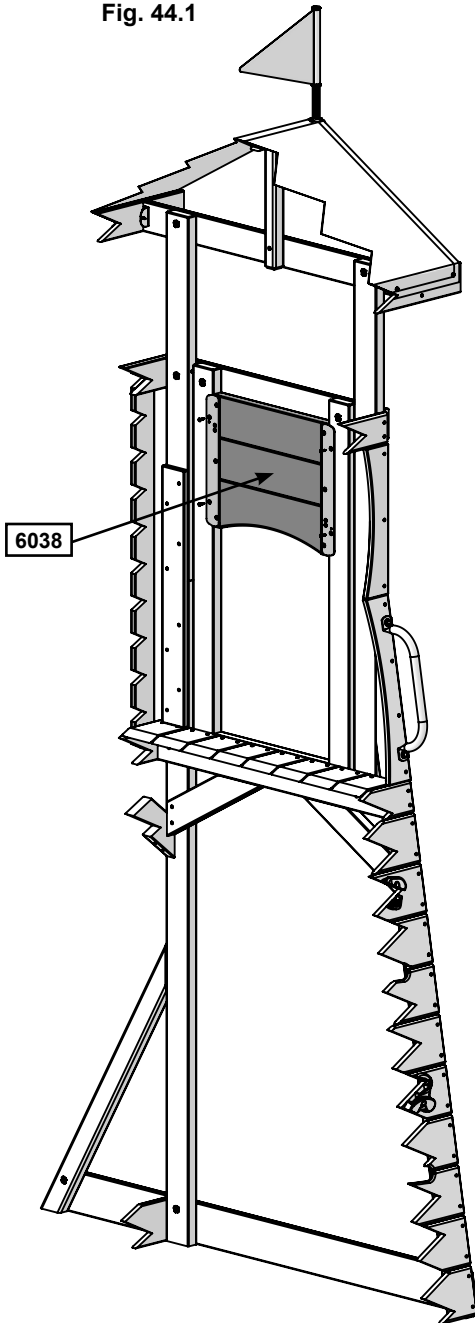
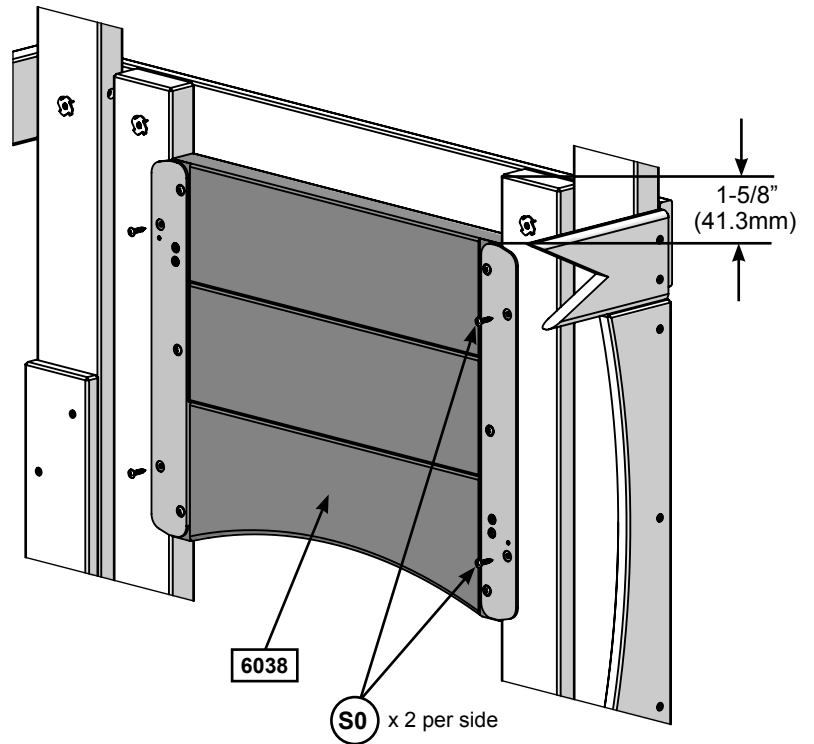


Fig. 44.2



Wood Parts

1 x 6038 Upper Tunnel Insert 32.3 x 362 x 477.4mm

Hardware

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

Step 45: Attach Tunnel Assembly Frame to Fort

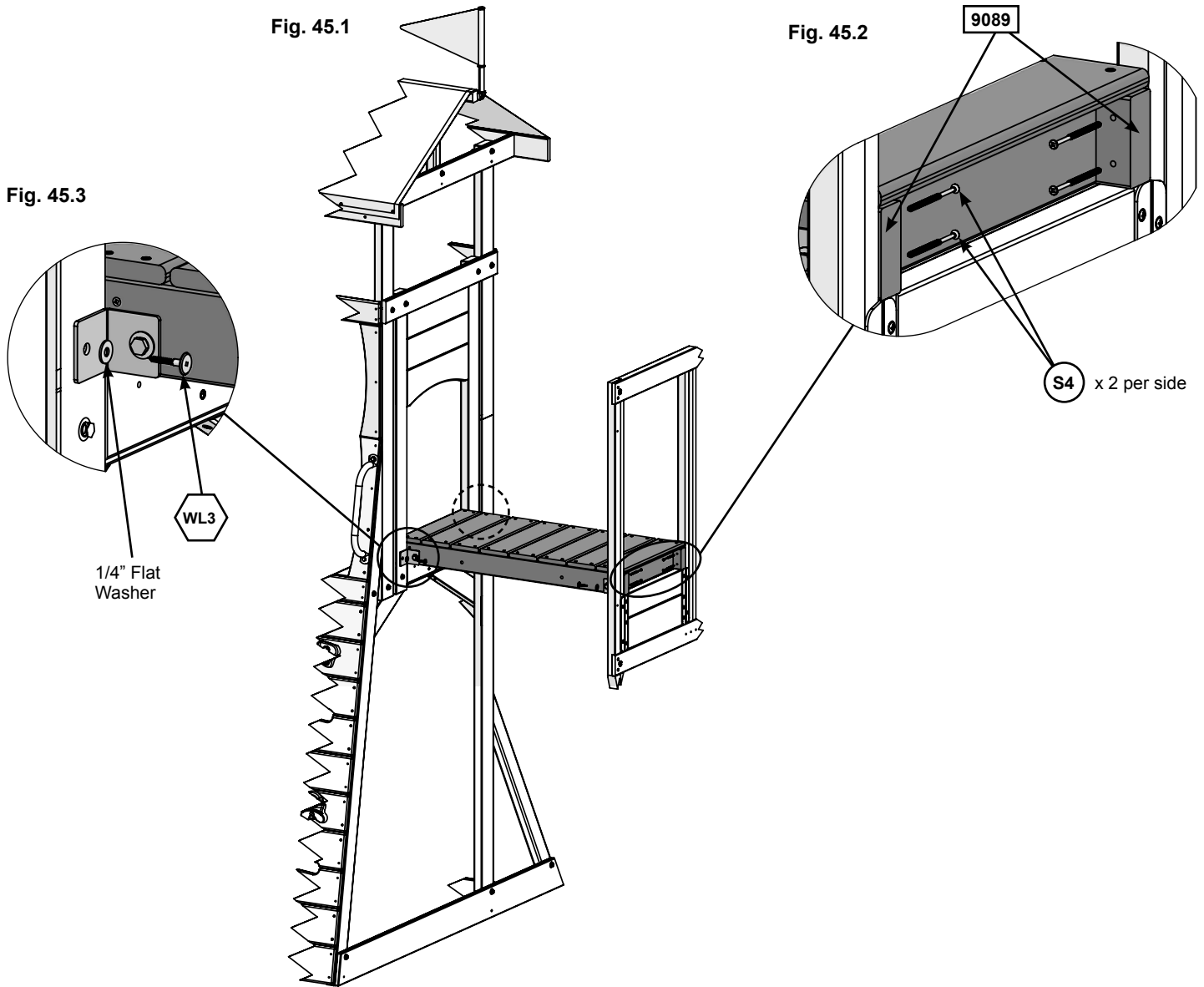


A: With a helper, lift the tunnel assembly frame so that it fits between the Adventure Tower and the Fort as shown in fig. 45.1.

B: From inside the Fort attach the (9089) Short Tunnel Side Joists to the Wall Supports using 4 (S4) #8 x 3" Wood Screws. (fig. 45.1 and 45.2)

C: Repeat Step B for the Adventure Tower side.

D: From outside the assembly pre drill 1/8" (3.2mm) holes and attach the Swing Brackets to the Tower and Fort frames using 1 (WL3) 1/4 x 1-3/8" Wafer Lag (with flat washer) per bracket. (fig. 45.1 and 45.3)



Hardware

8 x 8 x 3" Wood Screw

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

Step 46: Build Tunnel Assembly Part 1

A: Bend all 4 MOD Tunnel Panels as shown in fig. 46.1.

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. Do this so there are 2 MOD Tunnel Panels attached together. (fig. 46.2)

C: Press nodules through the connector tab holes to hold Tunnel Panels in place. (fig. 46.2 and 46.3)

D: Repeat Steps B-C to create two Tunnel Sides.

Fig. 46.1

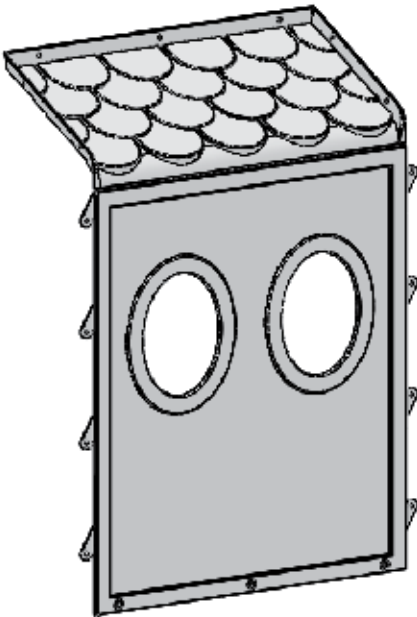


Fig. 46.2

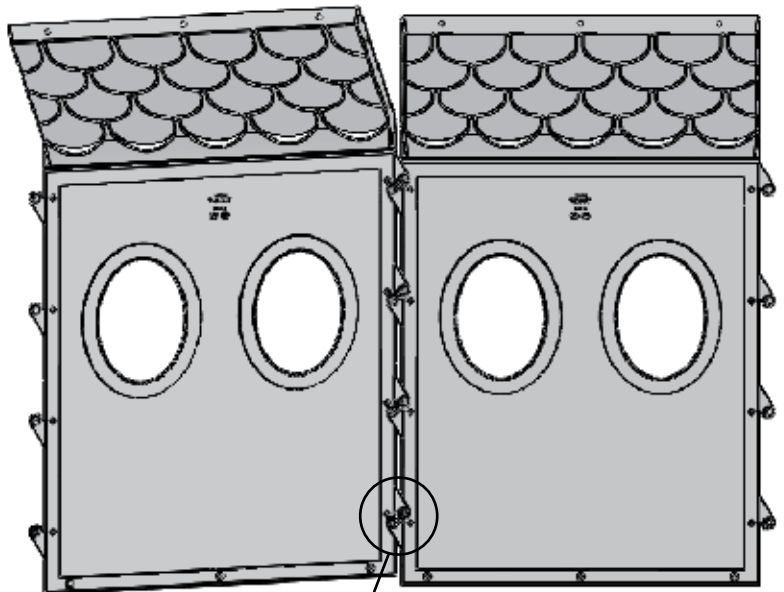
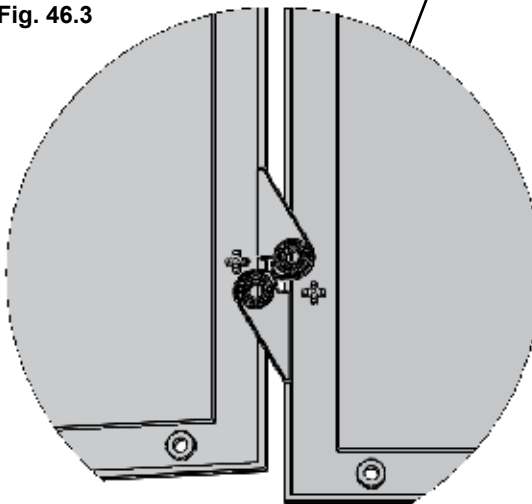


Fig. 46.3



Other Parts

4 x MOD Tunnel Panel

Step 46: Build 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. 46.4 and 46.5)

Fig. 46.4

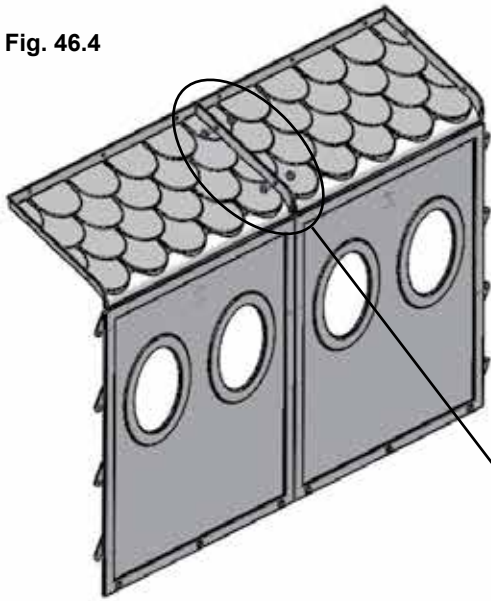
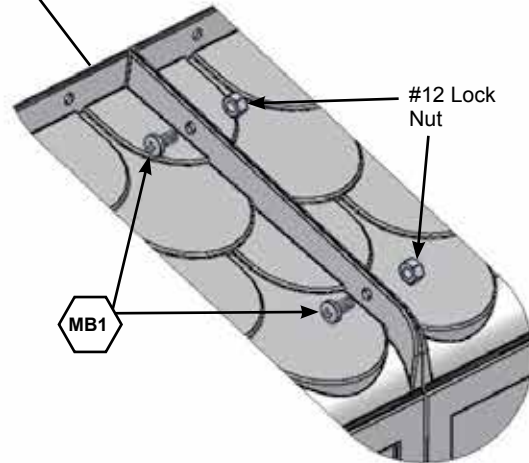


Fig. 46.5



Hardware

4 x  #12 x 1/2" Pan Bolt (with #12 lock nut)

Step 46: Build Tunnel Assembly Part 3



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. 46.6 and 46.7)

Fig. 46.6

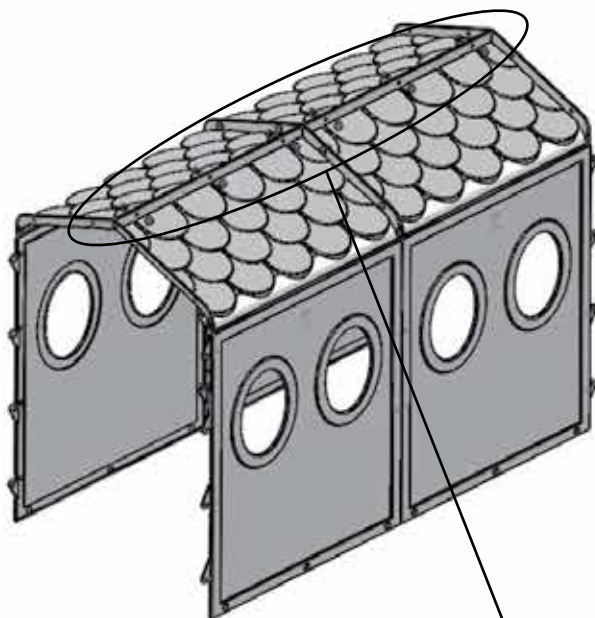
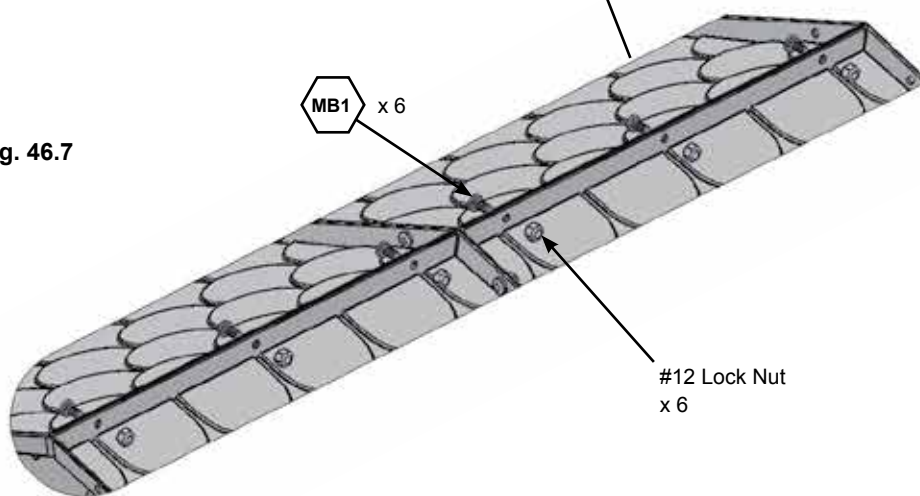


Fig. 46.7



Hardware

6 x  #12 x 1/2" Pan Bolt (with #12 lock nut)

Step 47: Attach MOD Tunnel Part 1



A: With a helper, place the MOD Tunnel Assembly into place so that the bottom edge rests on the swing brackets and attach to the (9089) Short Tunnel Side Joists using 12 (S10) #8 x 1" Pan Screws.(fig. 47.1 & 47.2 & 47.3)

Fig. 47.1

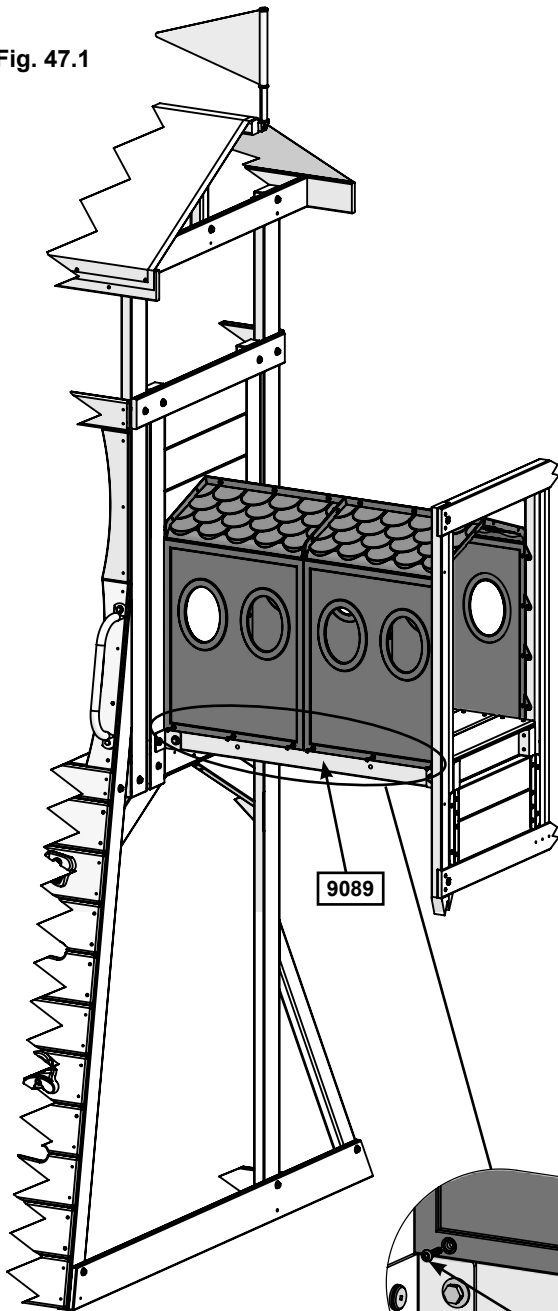


Fig. 47.2
Side View

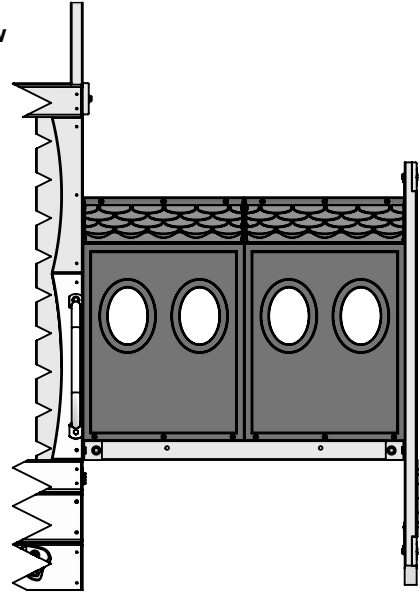
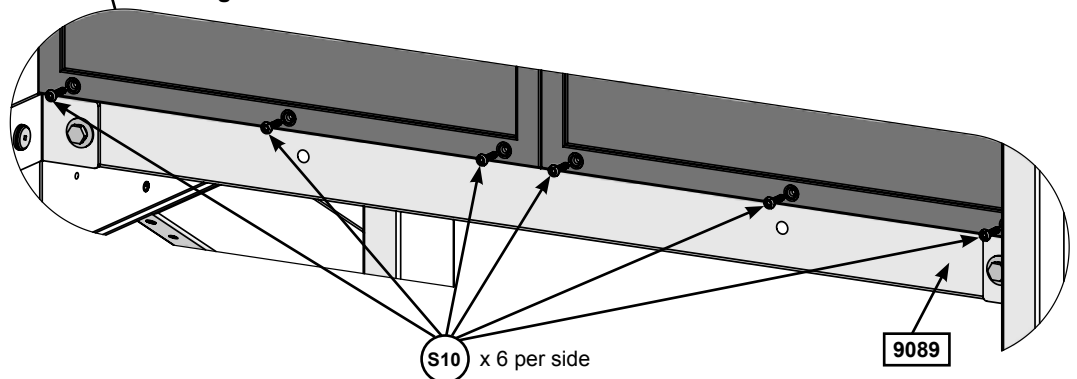



Fig. 47.3



Hardware

12 x  #8 x 1" Pan Screw

Step 47: Attach MOD Tunnel Part 2

B: From inside the fort attach 1 (6037) Tunnel Top to the Wall Support using 2 Flat Panel Brackets and 8 (S0) #8 x 7/8" Truss Screws. (Fig. 47.4 and 47.5)

Fig. 47.4

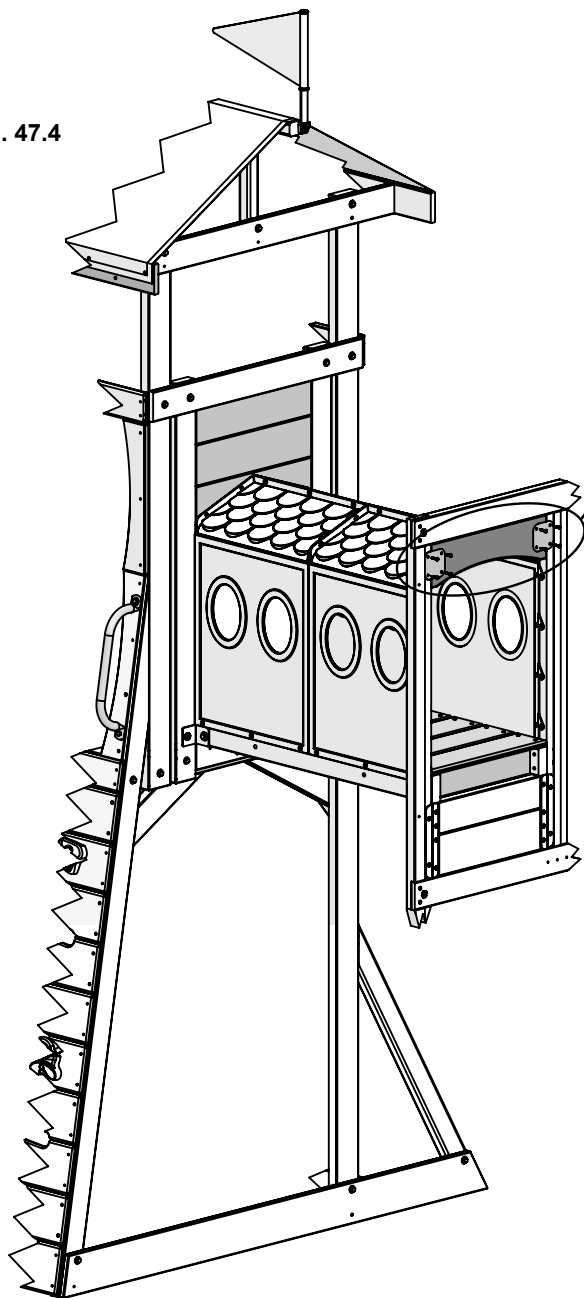
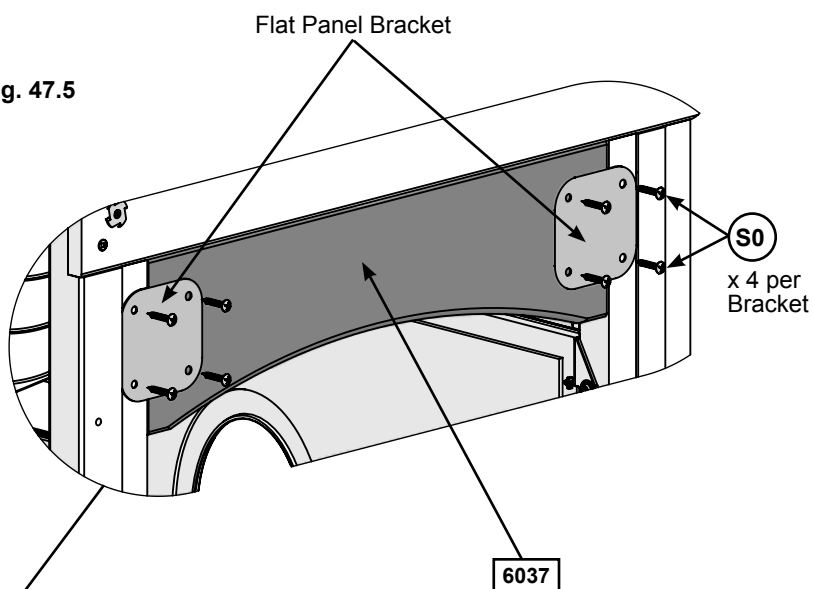


Fig. 47.5



Wood Parts

1 x 6037 Tunnel Top 29.8 x 120.7 x 428.6mm

Hardware

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

Other Parts

2 x Flat Panel Bracket

Step 48: Secure Tunnel to Entrances

A: Make sure tunnel is tight to both entrances. From inside the tower entrance and the fort entrance attach the tunnel with 8 (S10) #8 x 1" Pan Screws per side. (fig. 48.1 and 48.3)

B: From outside the assembly on the fort side attach the Tunnel to the (6037) Tunnel Top using 4 (S0) #8 x 7/8" Truss Screws. On tower side attach Tunnel to the (6038) Upper Tunnel Insert using 4 (S0) #8 x 7/8" Truss Screws. (fig. 48.1 and 48.2)

Fig. 48.2

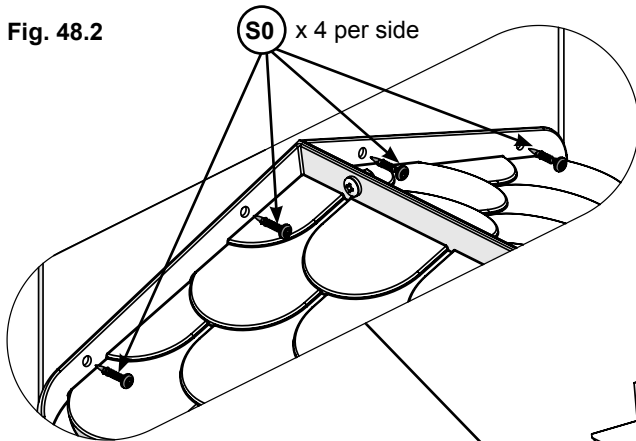


Fig. 48.1

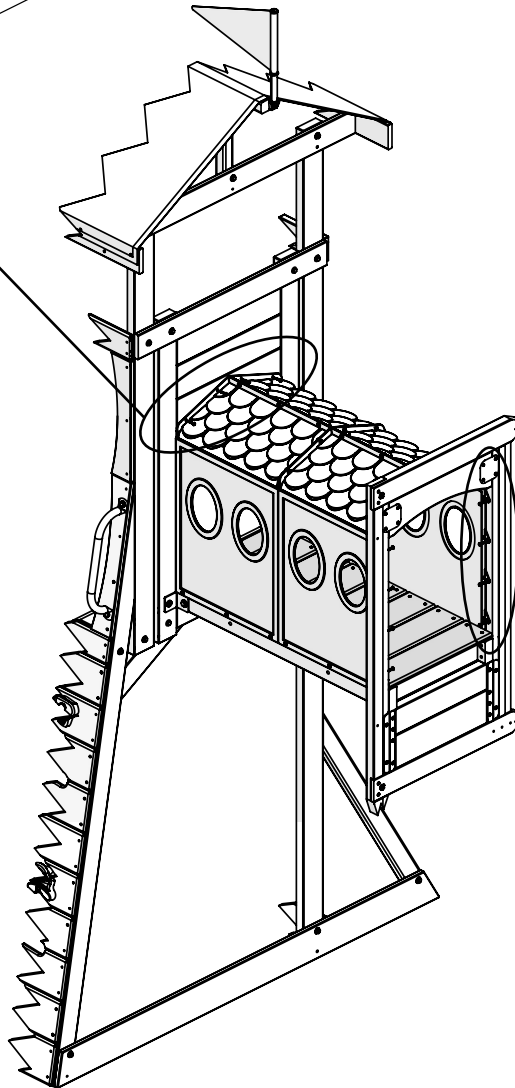
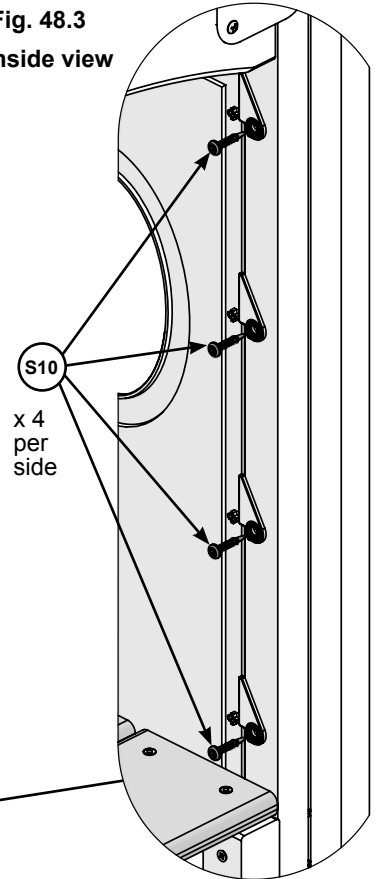


Fig. 48.3
inside view



Hardware

16 x (S10) #8 x 1" Pan Screw
8 x (S0) #8 x 7/8" Truss Screw

Step 49: Attach Chin-Up Bar

A: Center the Chin-Up Bar on the outside of either one of the (9089) Short Tunnel Side Joists and attach with 2 (H1) $\frac{1}{4}$ x 1 $\frac{1}{2}$ " Hex Bolts (with Lock Washer, Flat Washer and T-Nut). (fig. 49.1 and 49.2)

Fig. 49.1

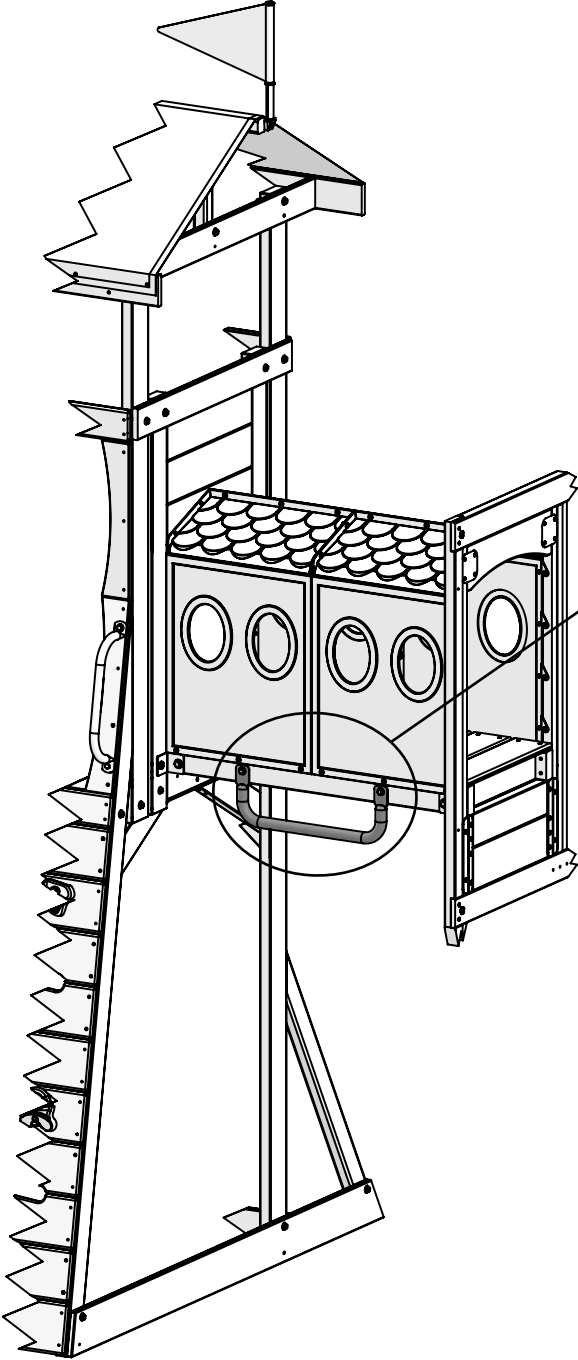
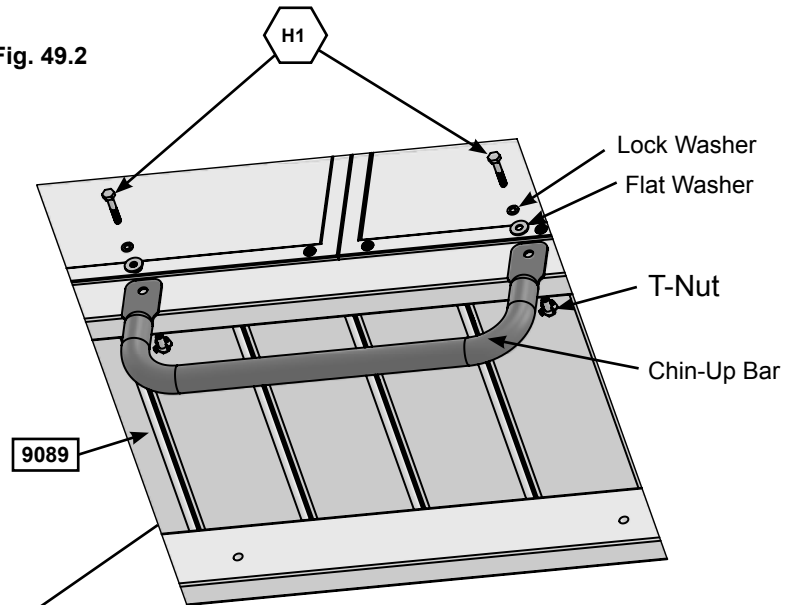



Fig. 49.2



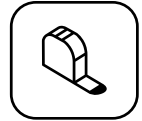
Hardware

2 x  #1/4 x 1 1/2" Hex Bolt
(with Lock Washer, Flat Washer and T-Nut)

Other Parts

1 x Chin-Up Bar

Step 50: Install Ground Stakes



A: In the 4 places shown in (fig. 50.2) drive the Rebar Ground Stakes 13" (330mm) into the ground against the boards. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach 1 ground stake to each (6026) Rock Rail, the (6002) Long Post and to (0369) Lower Diagonal using 1 (S7) #12 x 2" Pan Screw per ground stake as shown in (fig. 50.1 & 50.2)

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

Fig. 50.1

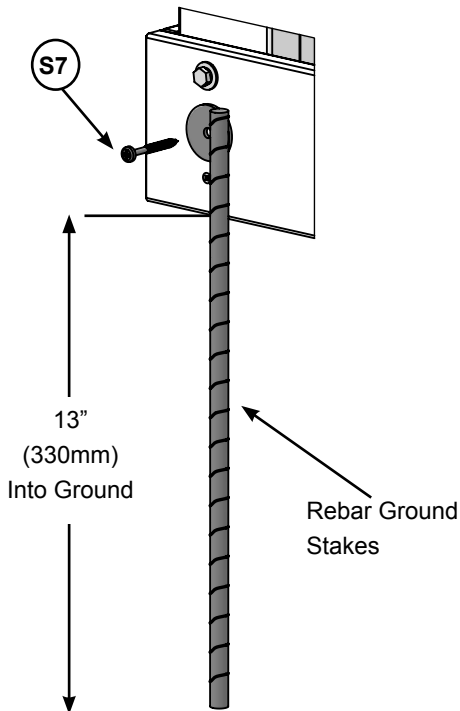
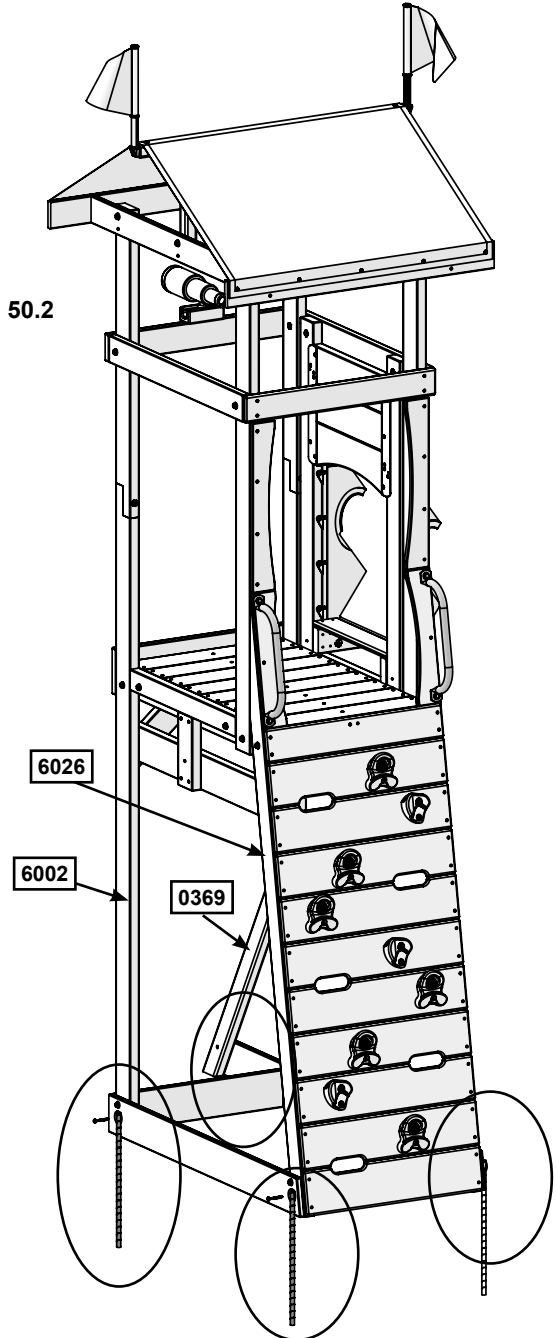


Fig. 50.2



Hardware

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

Other Parts

4 x Rebar Ground Stake

Adventure Tower Assembly

Step 51: Sand and Water Table Assembly

Part 1

A: Place 2 (6015) Box Legs so that the cut outs are on the outside and at the bottom. Place 1 (6004) Box Bottom across the top of the boards making sure that all top holes line up. Attach with 4 (H2) $\frac{1}{4}$ x 2" Hex Bolts (with flat washer, lock washer and t-nut) making sure that the t-nuts are installed into the Box Bottom. (Fig.51.1 & 51.2)

B: Fit 1 (6011) Box Side into the cut outs on each (6015) Box Leg and attach with 1 (H12) $\frac{1}{4}$ x 3" Hex Bolt (with flat washer, lock washer and t-nut) per side. (Fig.51.1 & 51.2).

C: From inside the frame place 1 (8832) Box End so that it's pressed up flush to both (6015) Box Legs with the pre-sunk holes at the bottom and towards the outside (Fig.51.3). Attach with 2 (H1) $\frac{1}{4}$ x 1-1/2" Hex Bolts (with flat washer, lock washer and t-nut), 2 (S15) #8 x 1-3/4" Wood Screws and 2 (S4) #8 x 3" Wood Screws as shown in (Fig.51.1 & 51.2).

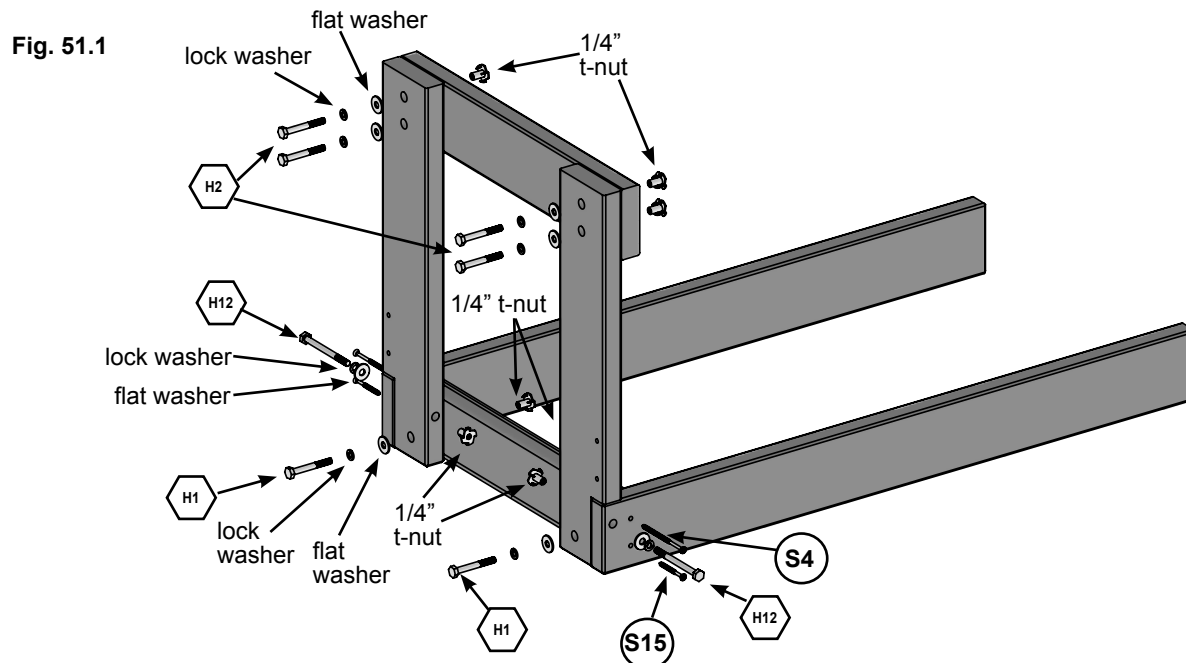
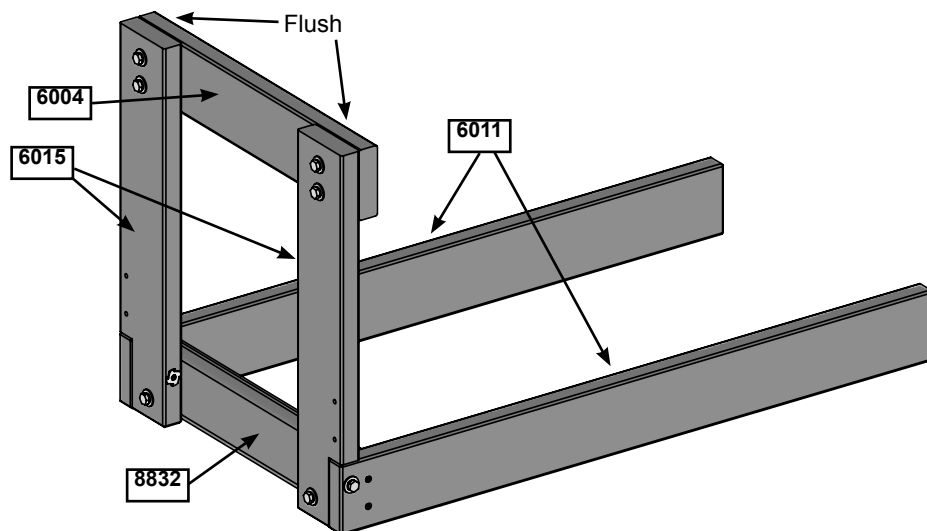


Fig. 51.2



Wood Parts

1 x	6004	Box Bottom 23.8 x 82.6 x 409.6mm
2 x	6015	Box Leg 23.8 x 82.6 x 444.5mm
2 x	6011	Box Side 23.8 x 82.6 x 768.4mm
1 x	8832	Box End 23.8 x 82.6 x 362mm

Hardware

2 x	S4	#8 x 3" Wood Screw	2 x	S15	#8 x 1-3/4" Wood Screw
2 x	H12	$\frac{1}{4}$ x 3" Hex Bolt (with flat washer, lock washer and t-nut)			
2 x	H1	$\frac{1}{4}$ x 1-1/2" Hex Bolts (with flat washer, lock washer and t-nut)			
4 x	H2	$\frac{1}{4}$ x 2" Hex Bolts (with flat washer, lock washer and t-nut)			

Step 51: Sand and Water Table Assembly Part 2

D: Place 1 (6027) Sand Water Support against the opposite ends of the (6011) Box Sides so that the inside pre-drilled holes line up. Attach using 4 (S4) #8 x 3" Wood Screws. (Fig.51.3 & 51.4)

E: Install 1 (6001) Gusset per side so that the short angle is flush to the (6015) Box Legs and the long angles are flush to the (6011) Box Sides. Attach using 1 (S15) #8 x 1-3/4" Wood Screw and 1 (S4) #8 x 3" Wood Screw per side. (Fig.51.3 & 51.4)

Fig. 51.3

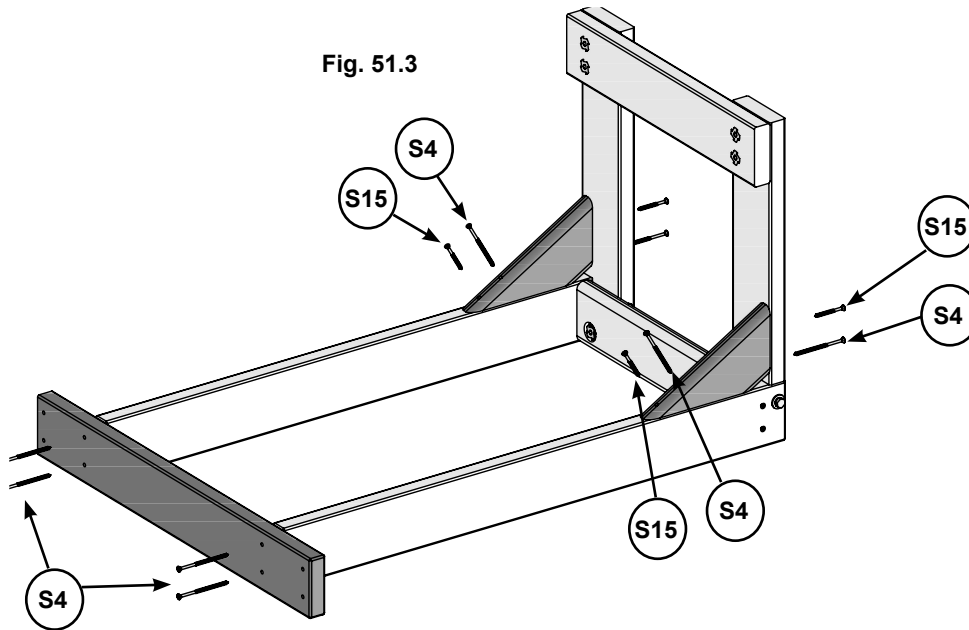
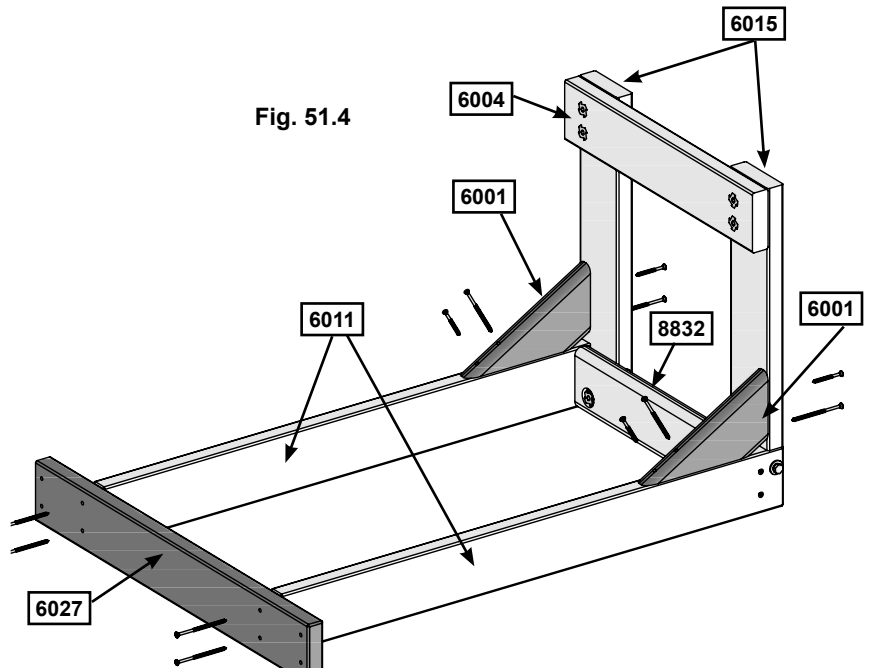


Fig. 51.4



Wood Parts

- 1 x **6027** Sand Water Support 23.8 x 82.6 x 596.9mm
- 2 x **6001** Gusset 31.8 x 82.6 x 406.4mm

Hardware

- 8 x **S4** #8 x 3" Wood Screw
- 4 x **S15** #8 x 1-3/4" Wood Screw

Step 51: Sand and Water Table Assembly Part 3



F: Turn the table assembly right side up.

G: On the (6002) Long Posts measure 14-1/4" (362mm) up from the ground and attach the (6027) Sand and Water Supports to the (6002) Long Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" washers). (Fig.51.5 & 51.6 & 51.7).

Fig. 51.5

right side view

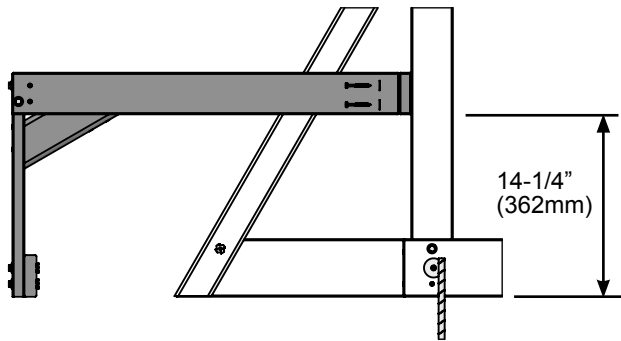


Fig. 51.6

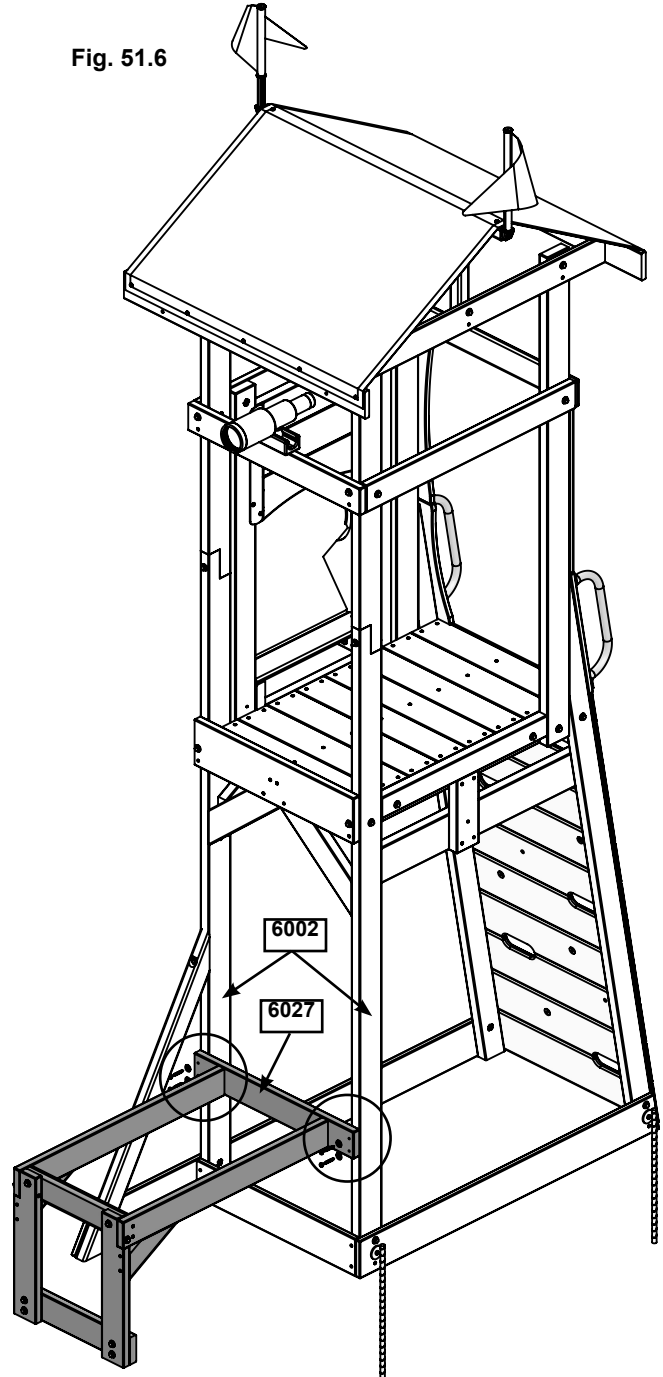
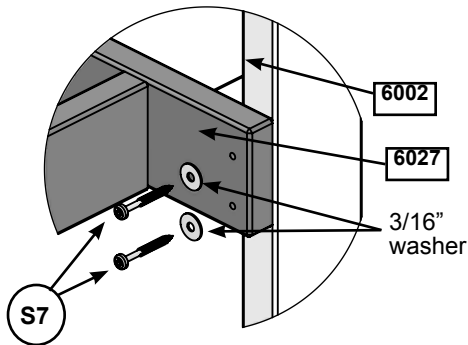


Fig. 51.7



Hardware

4 x (S7) #12 x 2" Pan Screws (with 3/16" washers)

Step 51: Sand and Water Table Assembly Part 4

H: Place the Sand and Water Insert into the opening of the assembly then tighten all the bolts.

I: Secure the Sand and Water Insert to the assembly using 8 (S37) #7 x 5/8" Pan Screws as shown in. (Fig.51.8 & 51.9 & 51.10)

J: Insert plugs into the drain holes and put the shovel into the Sand and water Insert. Place the seat over the Sand and Water Insert. (fig. 51.10)

Fig. 51.8

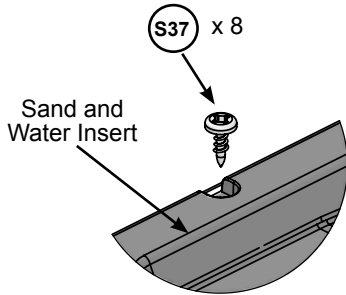


Fig. 51.9

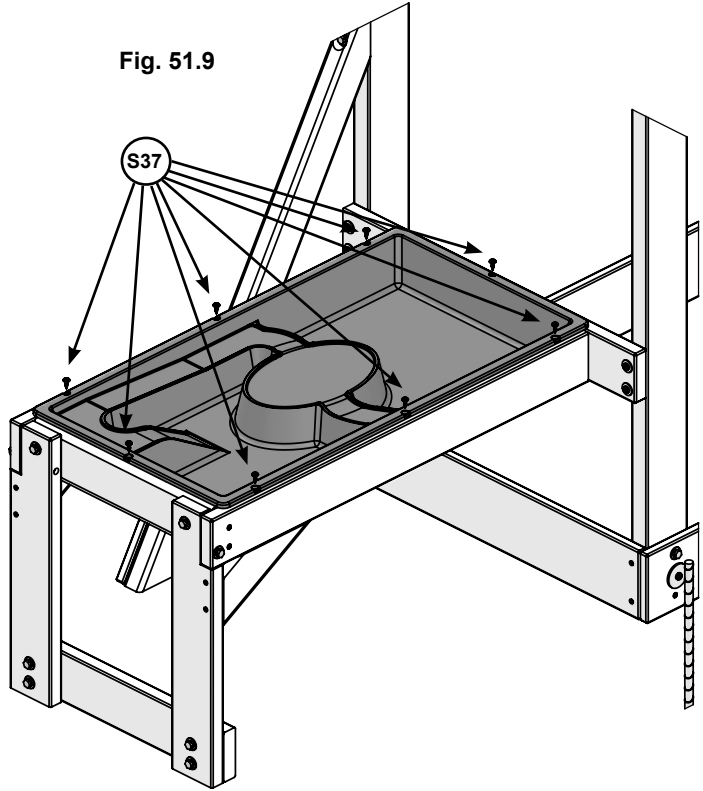
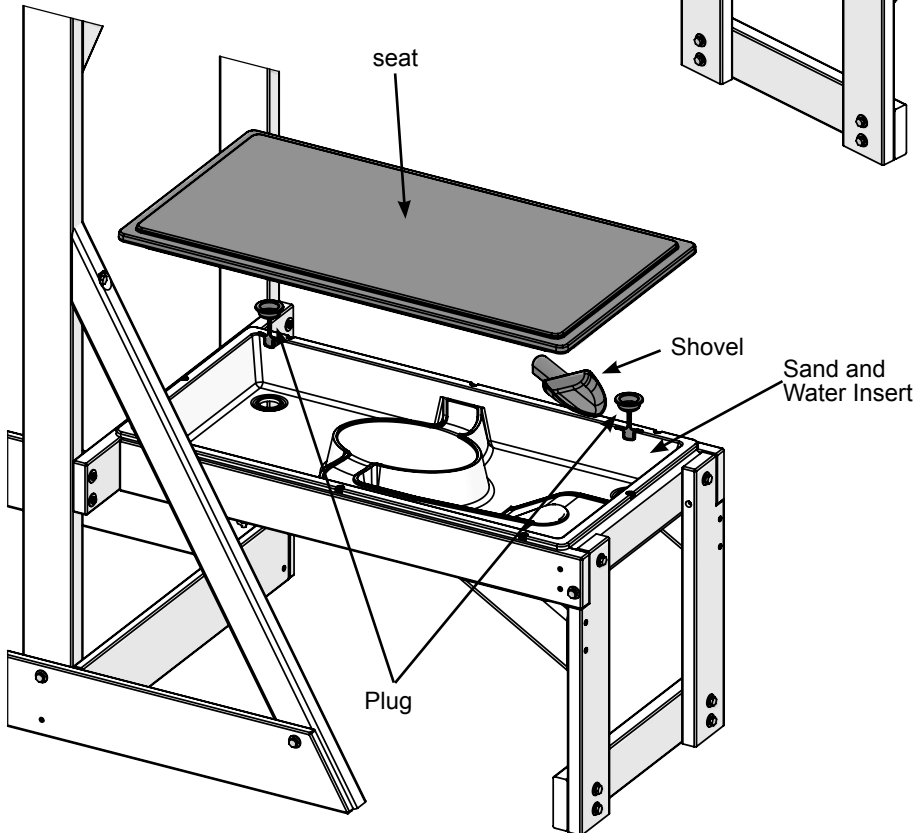


Fig. 51.10



Hardware

8 x S37 #7 x 5/8" Pan Screws

Other Parts

1 x 3 in 1 Bench set (1 x Shovel
2 x Plug 1 x Seat
1 x Sand and Water Insert)

Step 52: Install Window Braces

A: From inside the tower place 4 (6031) Window Braces along the back wall making sure that they are evenly spaced. Attach to (6034) Floor Back and (6028) Top Back using 4 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 52.1 & 52.2)

Fig. 52.1
Back Wall

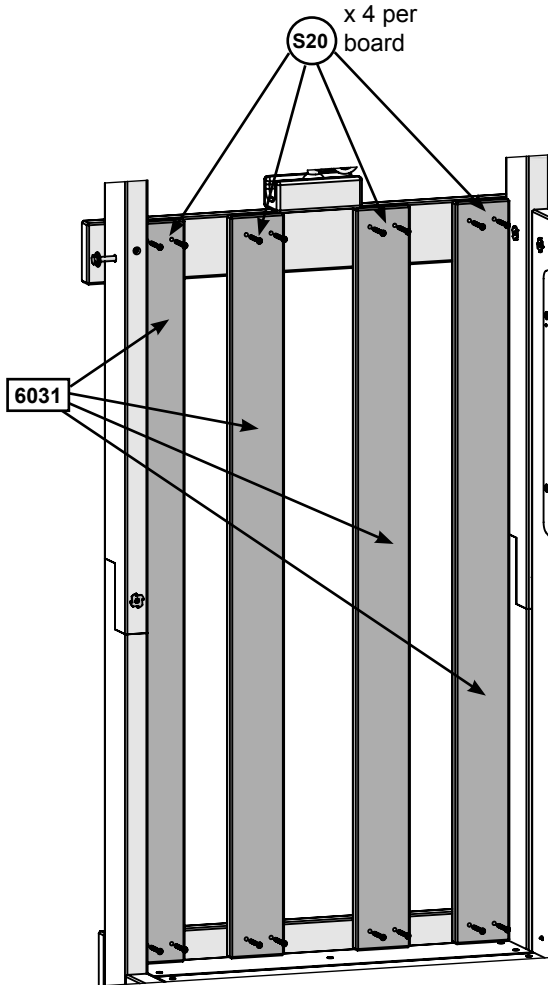
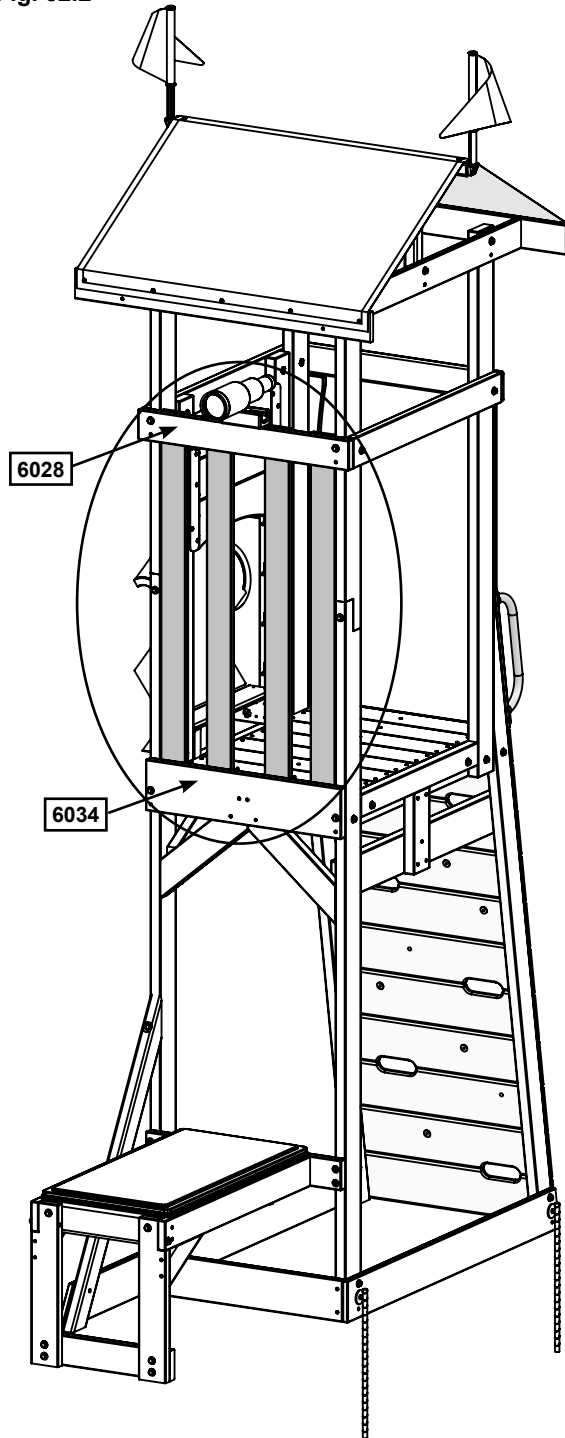


Fig. 52.2



Wood Parts

4 x 6031 Window Brace 15.9 x 72.6 x 996.9mm

Hardware

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

Step 53: Install Post Supports

A: From inside the tower place 1 (6033) Post Support against the far side of the left and right walls and flush to the (6031) Window Brace as shown in (Fig. 53.1.) Attach (6033) Post Supports to (6012) Short Posts and (6002) Long Posts using 8 (S15) #8 x 1-3/4" Wood Screws. (Fig. 53.1 & 53.2)

Fig. 53.1

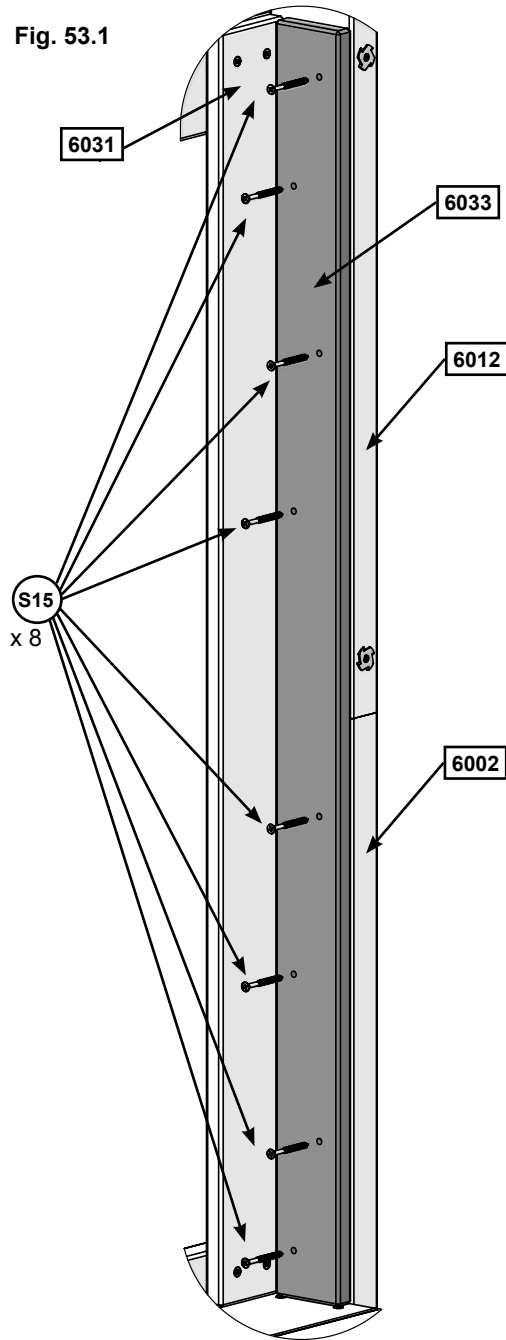
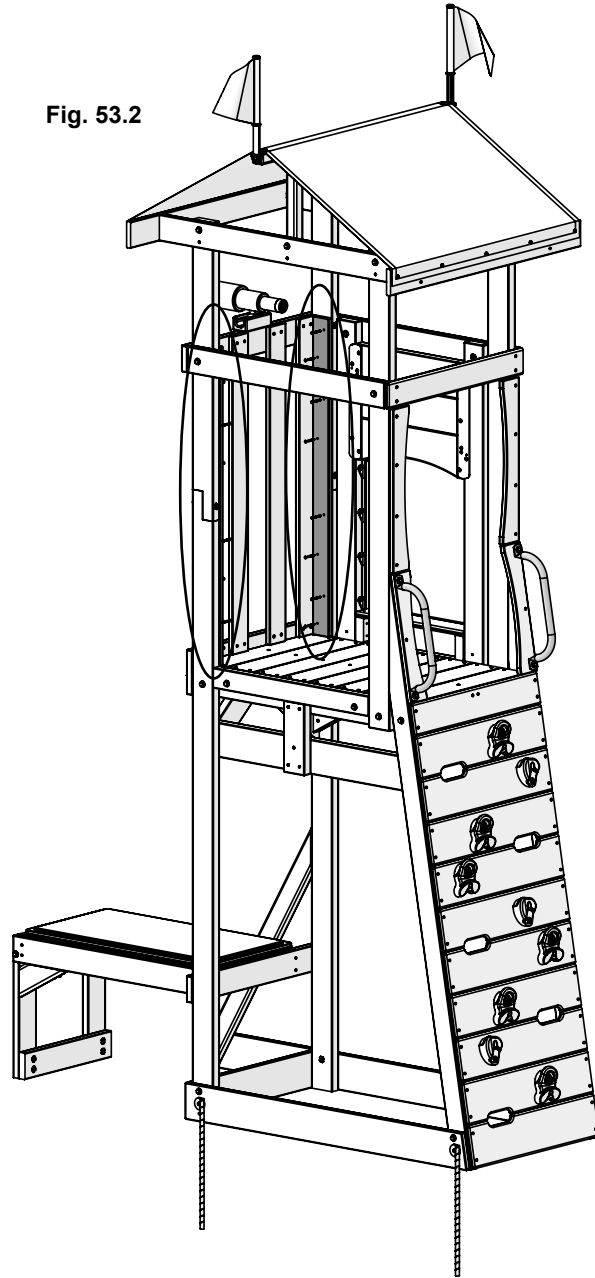


Fig. 53.2



Wood Parts

2 x 6033 Post Support 15.9 x 63.5 x 996.9mm

Hardware

16 x S15 #8 x 1-3/4" Wood Screws

Step 54: Attach Slide

A: Place Slide centred in the Slide Wall opening.

B: Attach slide to (6022) SL Brace using 3 (S7) #12 x 2" Pan Screws. (Fig. 54.1 & 54.2)

Fig. 54.1

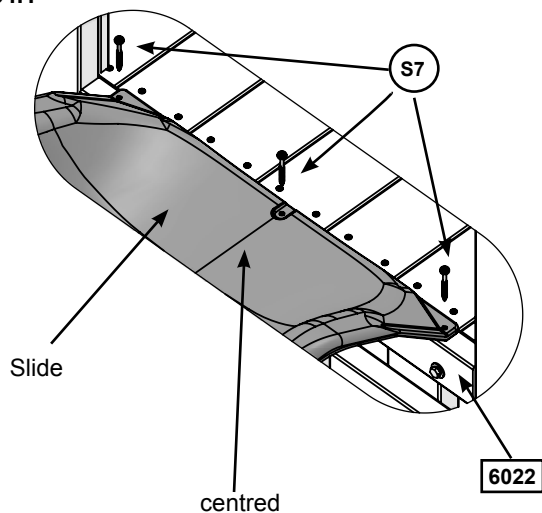
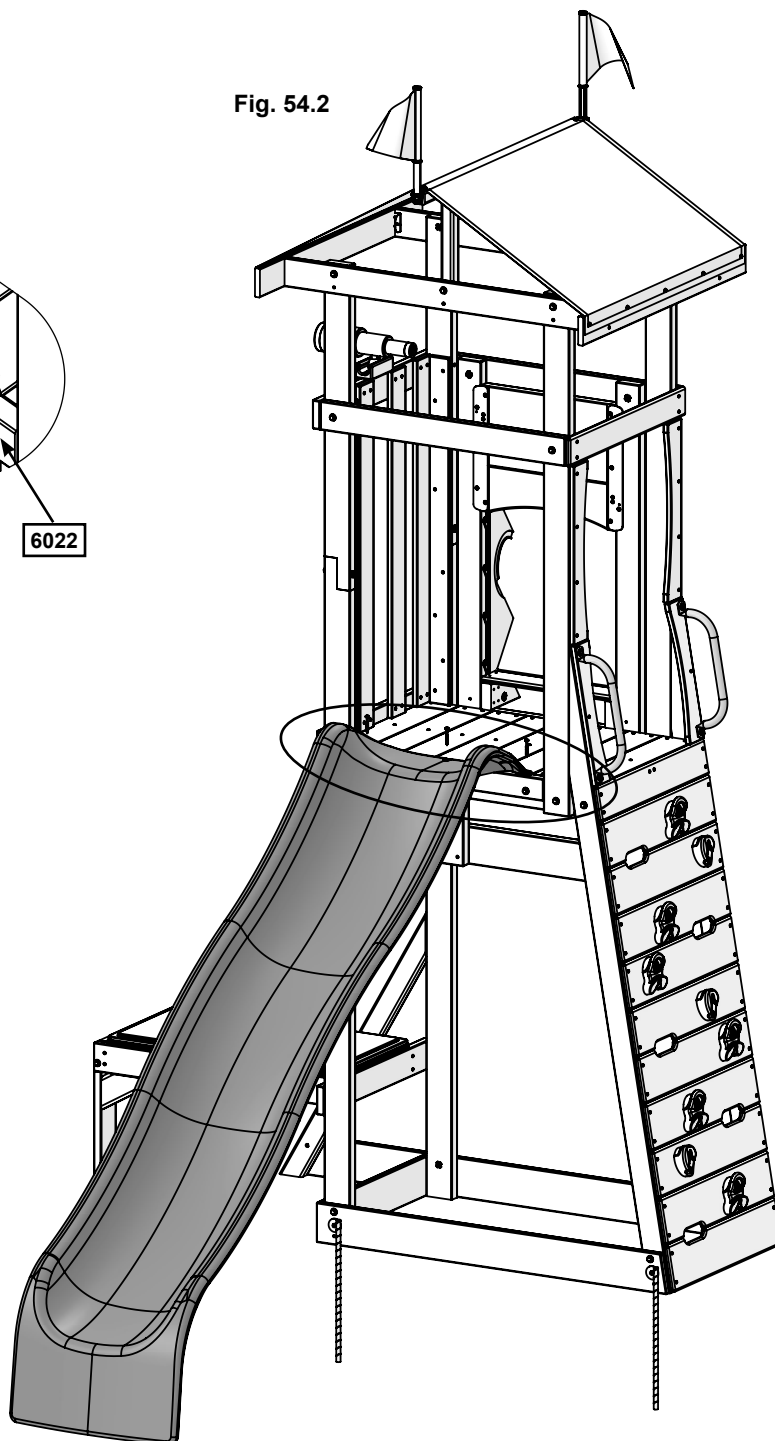



Fig. 54.2



Hardware

3 x  #12 x 2" Pan Screw

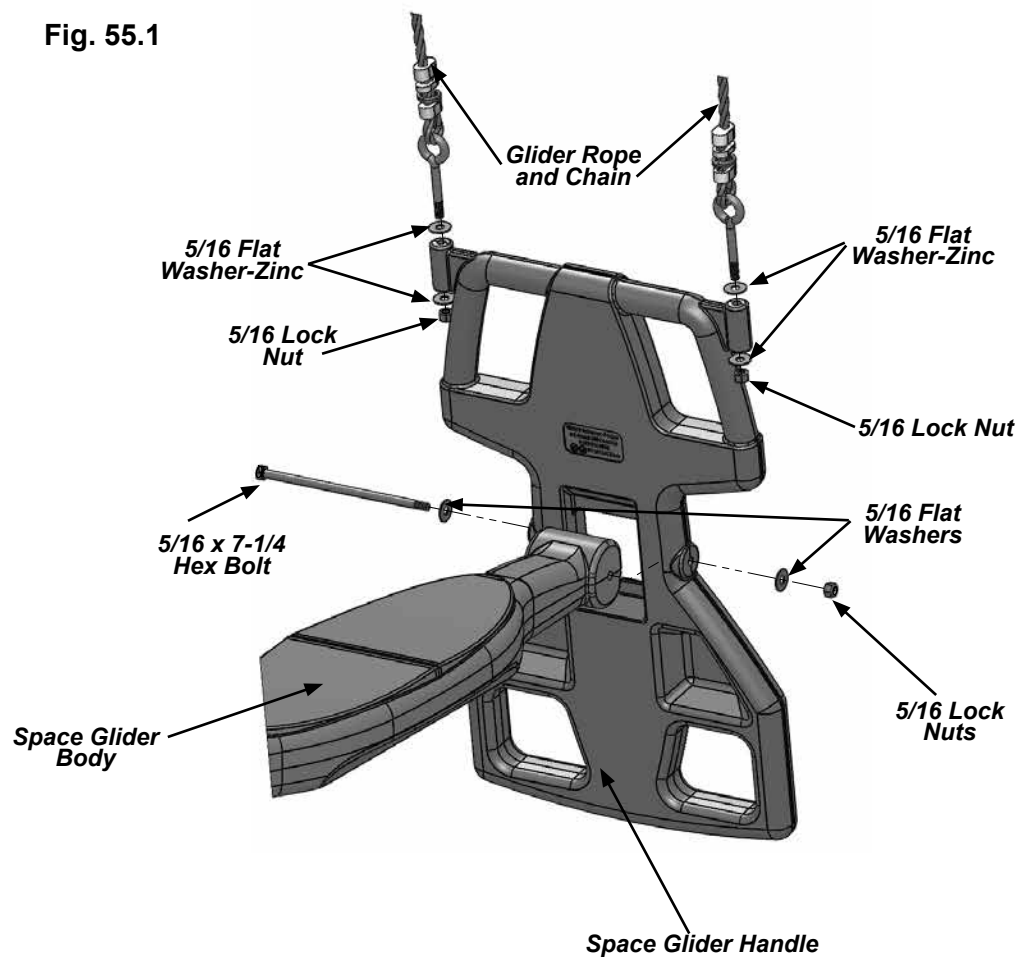
Other Parts

1 x Maze N Wave 2.5m Slide

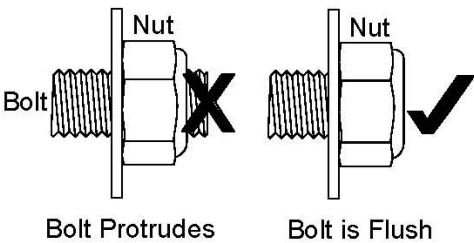
Step 55: Glider Assembly

- A:** Attach 1 Space Glider Handle to the Space Glider Body using 1 (G25) 5/16 x 7-1/4" Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Space Glider Handle. (fig. 55.1)
- B:** Install 2 Glider Rope with Chains into each Space Glider Handle using 2 - 5/16" Flat Washers and 1 Lock Nut per rope. (fig. 55.1)


Fig. 55.1



Warning! Bolt must not exceed 1/2 thread past the nut



Hardware

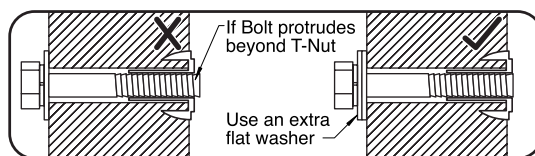
- 2 x  5/16 x 7-1/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
- 8 x 5/16" Flat Washer
- 4 x 5/16" Lock Nut

Other Parts

- 2 x Space Glider Handle
- 1 x Space Glider Body
- 1 x Glider Rope and Chain (pkg of 4)

Step 56: Attach Belt Swings and Glider

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



A: Attach 2 Belt Swings and assembled Space Glider to the hangers then tighten all Quick Links with an adjustable wrench. (fig. 56.1 and 56.2)

Fig. 56.1

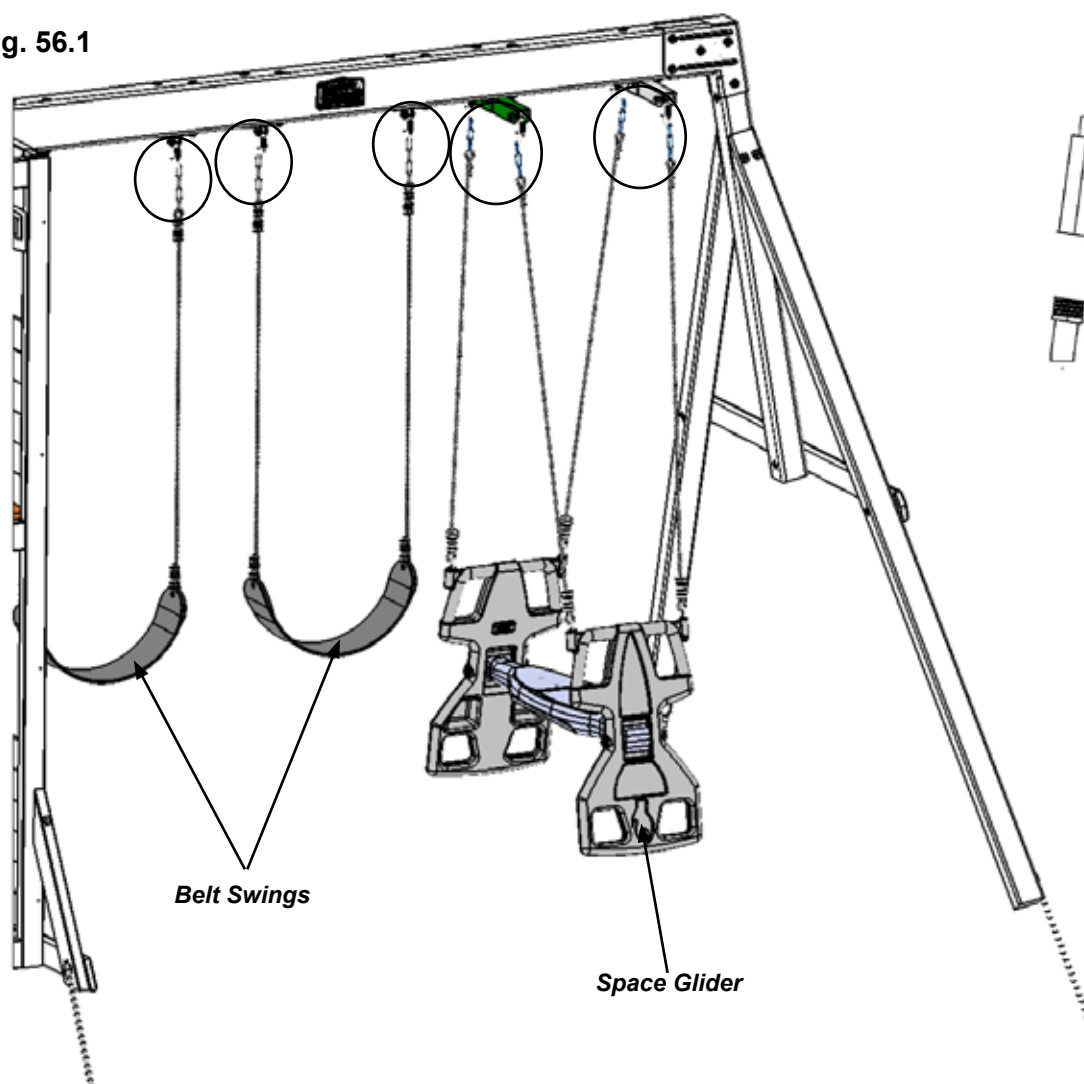
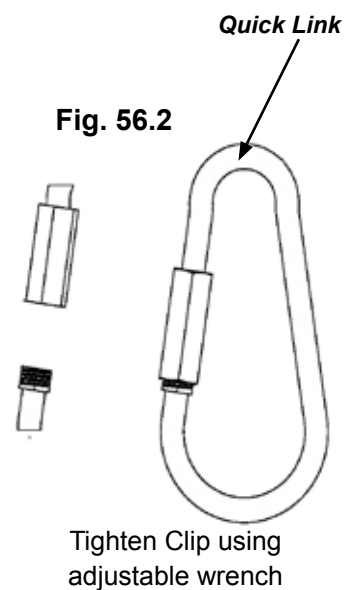


Fig. 56.2



Other Parts

2 x Belt Swings

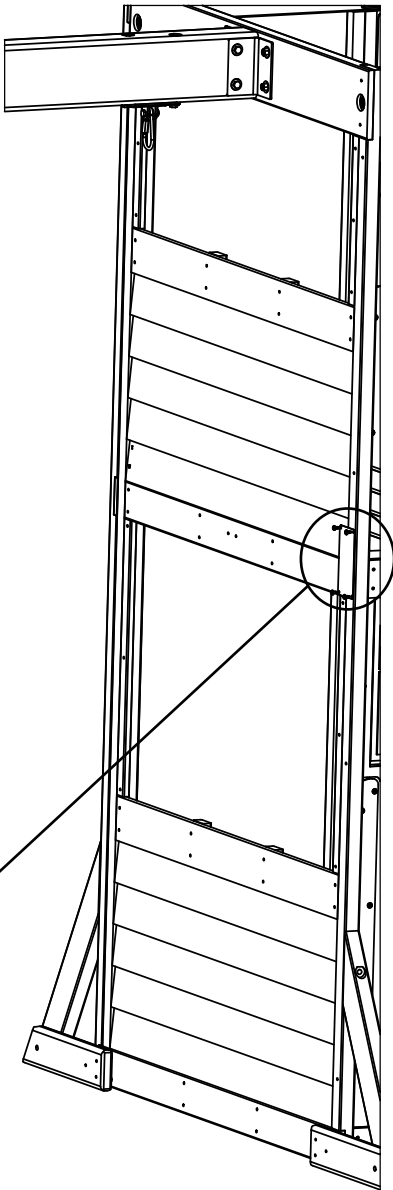
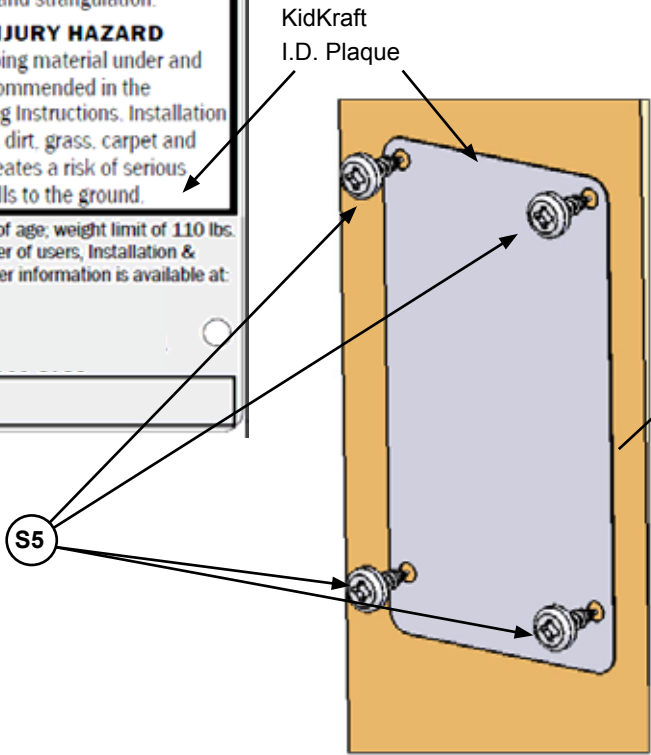
Final Step: Attach I.D. Plaque

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 KidKraft I.D. Plaque to a location on your set that is easily seen and read by a supervising adult using 4 (S5) #8 x 1/2" Pan Screws as shown below.



Hardware

4 x (S5) #8 x 1/2" Pan Screw

Other Parts

1 x KidKraft I.D. Plaque

[illegible]

KIDKRAFT
Consumer Registration Card

First Name

Initial

Last Name

--	--	--

Street

Apt. No.

--	--

City

State/Province

ZIP/Postal Code

--	--	--

Country

Telephone Number

--	--

E-Mail Address

--

Model Name

Model Number

(Box Labels)

--	--

Serial Number (on ID Plaque)

--

Date Purchase

Purchased From

--	--

MM / DD / YY

How would you rate this product for quality?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate our instructions?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

How would you rate the quality of packaging?

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average

☐ Poor

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

☐ Yes

☐ No

Comments:

--



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

Fill out your registration card online at
<https://prdregistration.kidkraft.com/>

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

