

LOOKOUT TOWER & SWING – A24825

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.

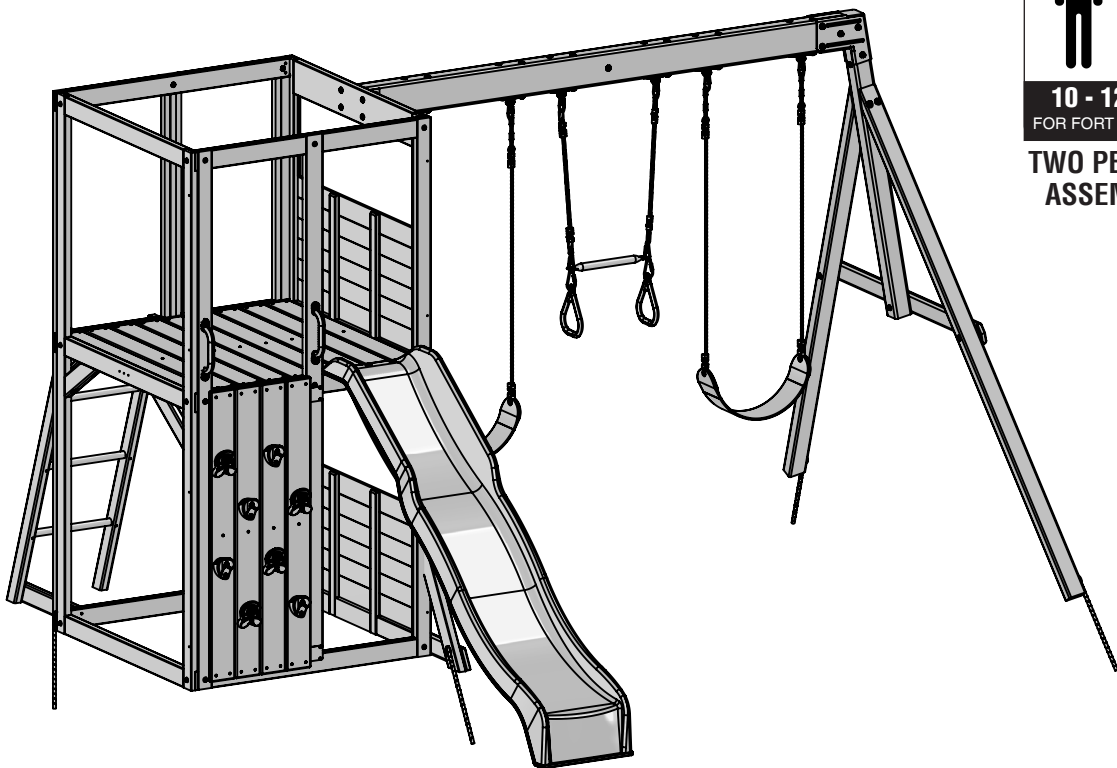
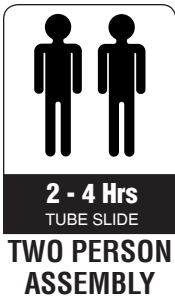
Manufacturer contact information provided below.

FOR OBSTACLE FREE SAFETY ZONE AND MAXIMUM NUMBER OF USERS - See Insert and Fort Guide Instruction. See Page 5 for Protective Surfacing requirements.

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

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.



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Warnings and Safe Play Instructions



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



WARNING

SERIOUS HEAD INJURY HAZARD

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

COLLISION HAZARD

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

CHOKING HAZARD/SHARP EDGES & POINTS

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

WARNING LABEL

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

STRANGULATION HAZARD

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

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

TIP OVER HAZARD

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

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



WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

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

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

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

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

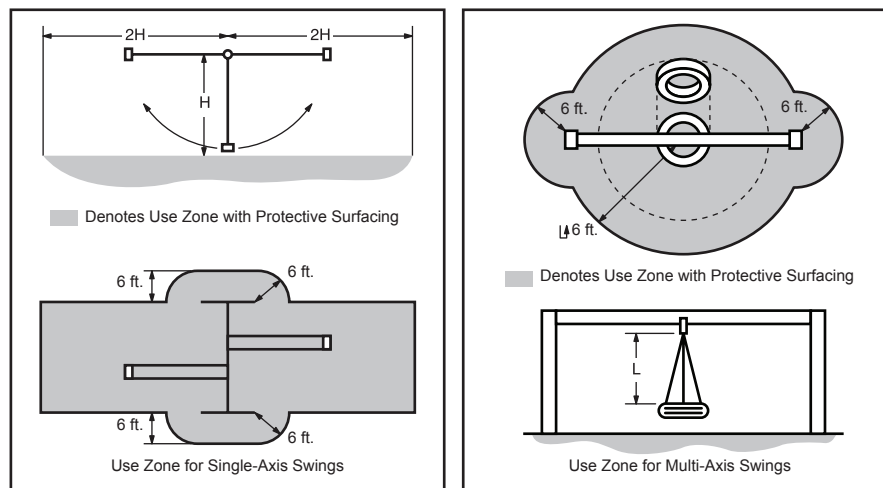
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

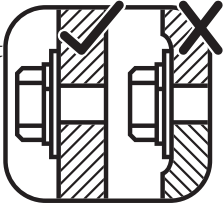
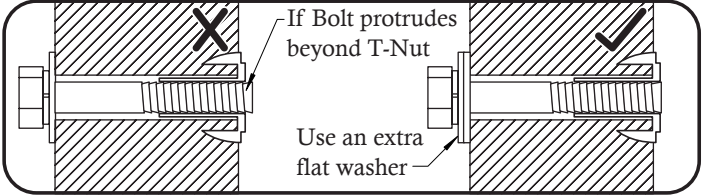
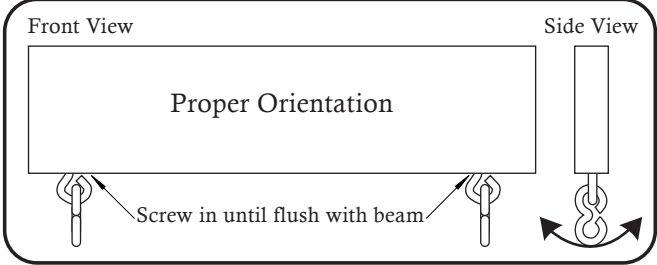
- Extend surfacing at least 2m from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius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



Instructions for Proper Maintenance

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

Check the following at the beginning of the play season:

<p>HARDWARE:</p> <ul style="list-style-type: none"> ✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303. ✓ Inspect and tighten all hardware. On wood assemblies DO NOT OVER-TIGHTEN as to cause crushing and splintering of wood. ✓ Check for sharp edges or protruding screw threads, add washers if required.   <p>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 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, 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. ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product
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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

Big Backyard by KidKraft uses only premium playset lumber, ensuring the safest product for your children's use. Although great care has been taken in selecting the best quality lumber available, wood is a product of nature and susceptible to weathering (changes in the aesthetics of the wood). A light sanding may be required to remove minor splinters. For your information, we have described some changes that may occur as a result of weathering:

1. **Checking** Checks are surface cracks in the wood along the grain. 4" x 4" material will experience more checking than 2", 1-1/4" or 1" material because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** Warping refers to any distortion (twisting, cupping) from the true plane that may take place during weathering.
3. **Fading** Wood exposed to sunlight, will over time, turn a grey color.

Note: The above changes will not affect the strength of the product.

What causes weathering?

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 moisture moves in or out of the wood (result of climate changes), the different moisture content causes tension in the wood, which can result in checking and or warping.

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

At the factory we have added water repellent to the stain. This water repellent decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the water repellent, applying a water repellent or stain on a yearly basis is important maintenance. (see your local stain and paint supplier for a recommended product) Also if storing the product before installation, make sure you store out of direct sunlight in a cool dry place.

Will weathering affect the strength of my Play System?

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

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

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

Regular maintenance is required to assure the integrity of your Play System. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

- 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.

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

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a Big Backyard 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. Big Backyard by KidKraft disclaims all other representations and warranties of any kind, express or implied.

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

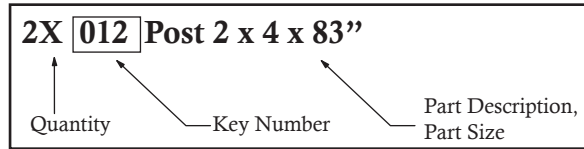
Keys to Assembly Success

Tools Required

<ul style="list-style-type: none"> • Tape Measure • Carpenter's Level • Carpenter's Square • Claw Hammer • Standard or Cordless Drill 	<ul style="list-style-type: none"> • #1, #3 Phillips or Robertson bit or Screwdriver • Ratchet(1/2" & 7/16" sockets) 	<ul style="list-style-type: none"> • Open End Wrench (1/2" & 7/16") • 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.

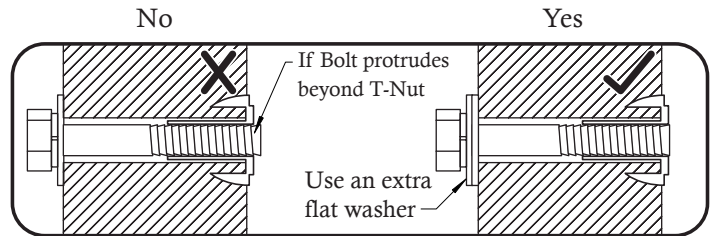
Symbols

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>Pre-drill 1/8" & 3/16" Bit</p>  <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p>
<p>Measure Distance</p>  <p>Check that assembly is square before tightening bolts.</p> <p>Square Assembly</p>  <p>Use a measuring tape to assure proper location.</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.

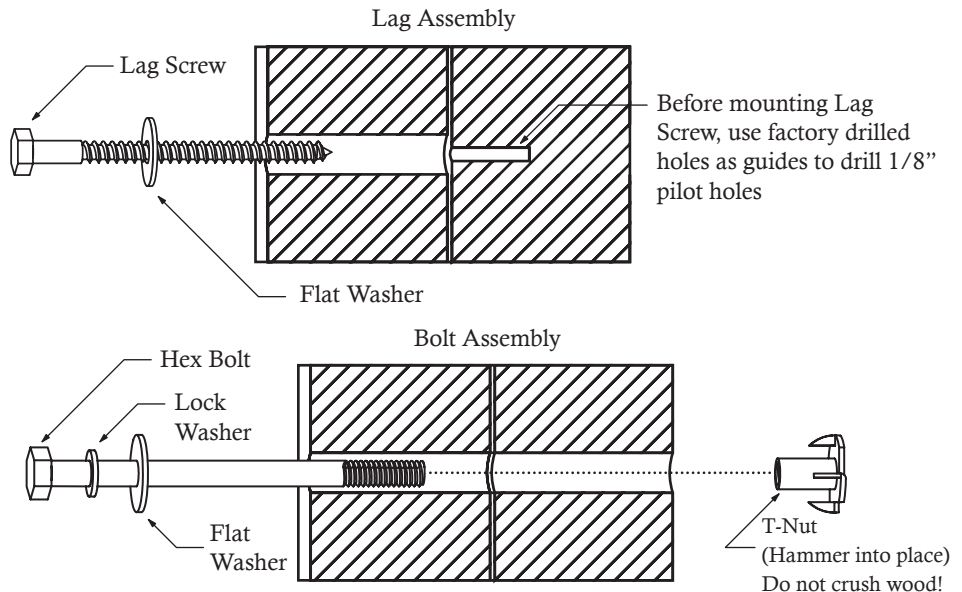


Proper Hardware Assembly

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.

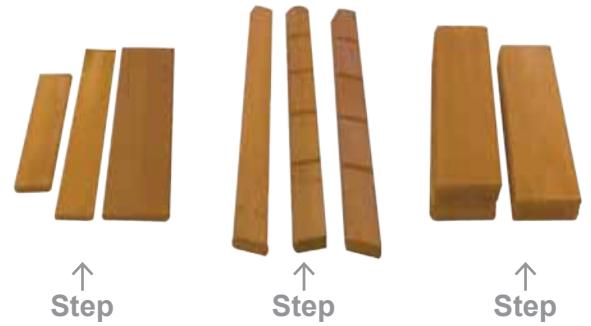
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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:

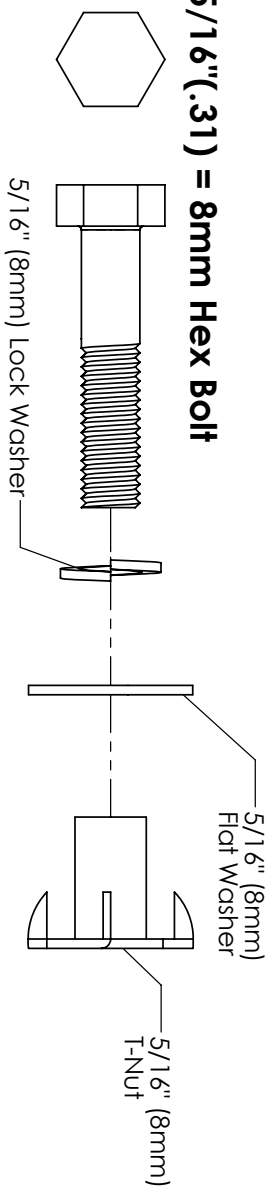
In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

HARDWARE:

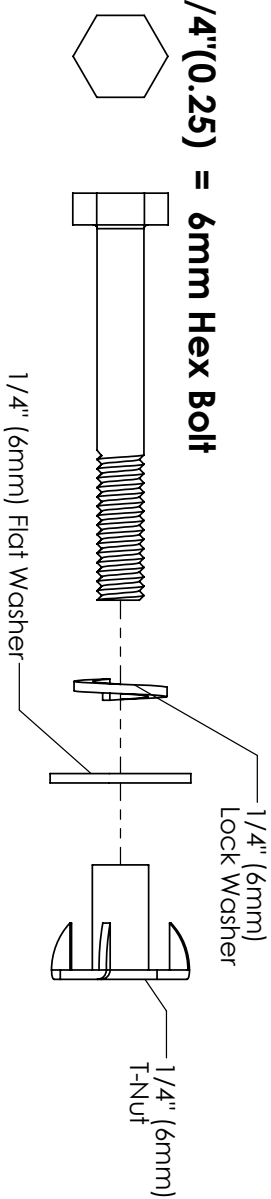
The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.

KIDKRAFT HARDWARE

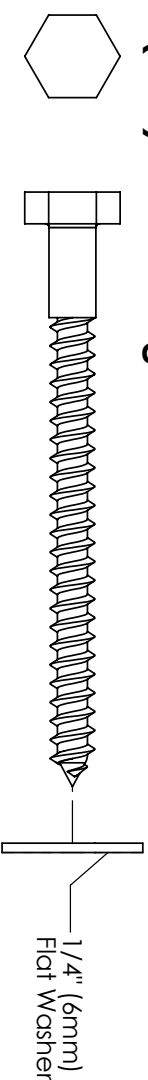
5/16"(.31) = 8mm Hex Bolt



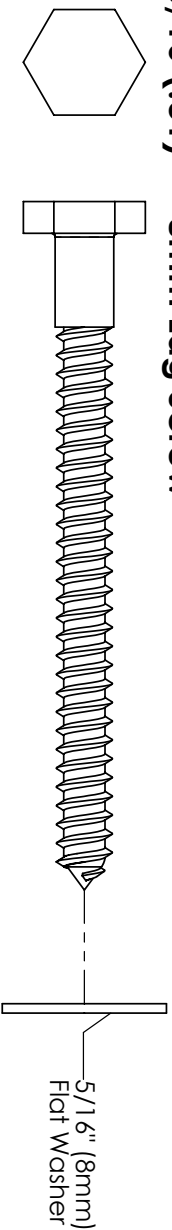
1/4"(0.25) = 6mm Hex Bolt



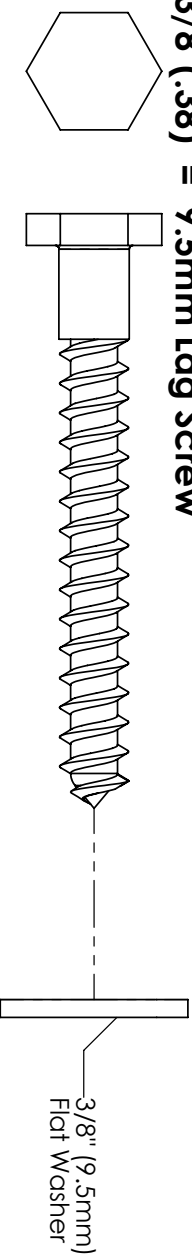
1/4"(0.25) = 6mm Lag Screw



5/16"(.31) = 8mm Lag Screw



3/8"(.38) = 9.5mm Lag Screw



HARDWARE LENGTH CHART inches vs millimetres

6	152
5½	140
5	127
4½	114
4	102
3½	89
3	76
2½	64
2	51
1½	38
1¼	32
1-1/8	29
1	25.4
7/8	22
3/4	19
1/2	12.7

DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

LENGTH CONVERSION

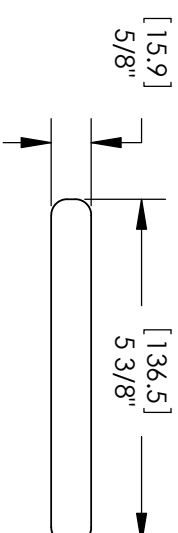
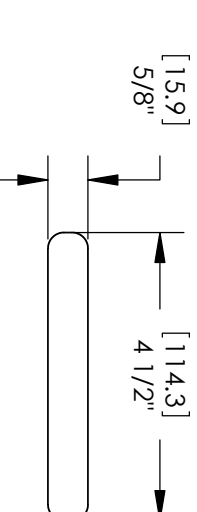
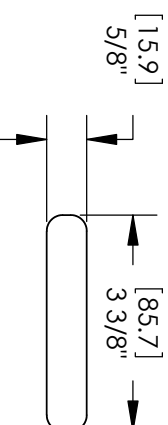
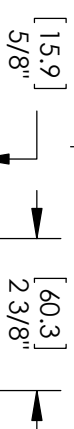
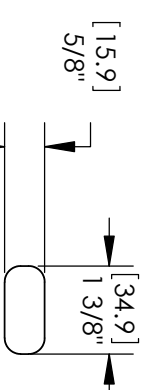
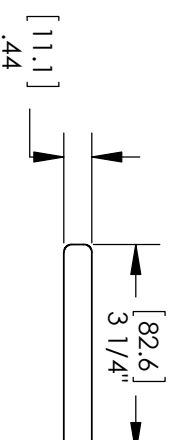
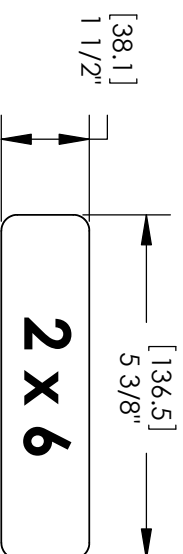
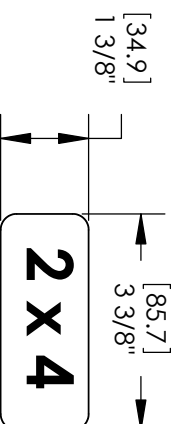
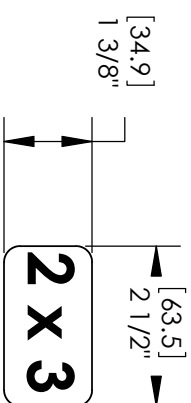
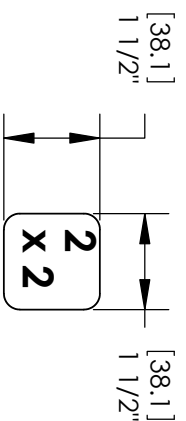
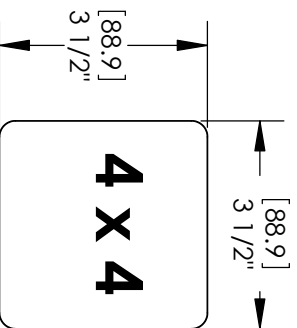
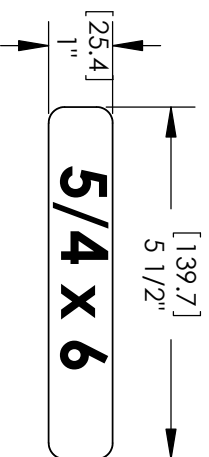
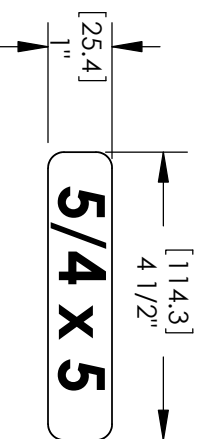
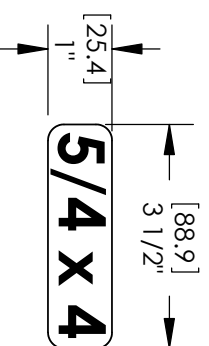
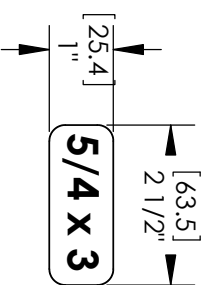
1 inch = 25.4mm

For example:

BOLT LENGTH 4½ (4.5) inches long

4.5 inches x 25.4mm = 114mm long

KIDKRAFT WOOD PROFILES



LENGTH CONVERSION

1 inch = 25.4mm

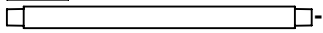
For example:


BOARD LENGTH 59 1/4 (59.25) inches

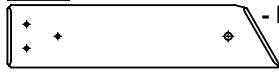
59.25 inches x 25.4mm = 1505mm

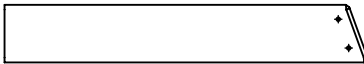
Dimensions in brackets [mm] represent millimetres.


Part Identification (Reduced Part Size)

3pc. - **1578** - 28.6 x 403.2mm - Dowel -Tennon
 - Box 1 - 3681578

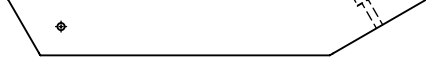
4pc. - **2850** - 31.8 x 76.2 x 304.8mm - Tower Gusset
 - Box 1 - 3632850


2pc. - **2606** - 23.8 x 82.6 x 362 mm - SW Ground
 - Box 1 - 3632606

1pc. - **9195** - 31.8 x 76.2 x 482.6mm - Ladder Brace
 - Box 1 - 3639195

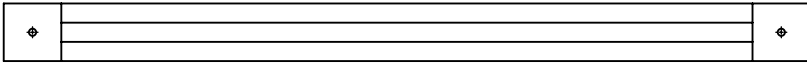
1pc. - **2847** - 25.4 x 63.5 x 419.1mm - Rock Support
 - Box 1 - 3632847

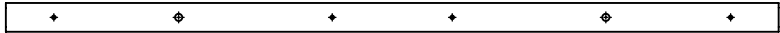
6pc. - **2840** - 19.1 x 63.5 x 444.5mm - Balluster - Box 1 - 3632840


2pc. - **2607** - 31.8 x 76.2 x 558.8mm - Diagonal - Box 1 - 3632607


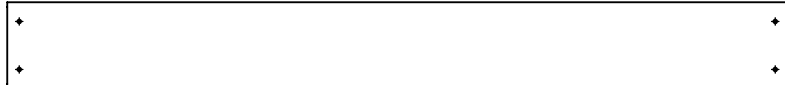
4pc. - **2844** - 31.8 x 63.5 x 479.4mm - Horizontal - Box 1 - 3632844


1pc. - **2602** - 31.8 x 76.2 x 912.8 mm - Upper Jamb - Box 1 - 3632602

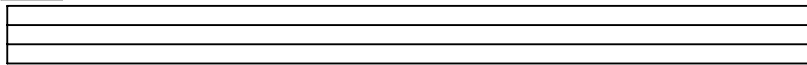

2pc. - **2774** - 31.8 x 76.2 x 1066.8mm - Upright - Box 1 - 3632774


2pc. - **2610** - 38.1 x 38.1 x 1022.4mm - Side Joist - Box 1 - 3632610


1pc. - **2648** - 15.9 x 85.7 x 1031.9 mm - Floor Board - Box 1 - 3632648


8pc. - **2609** - 15.9 x 114.3 x 1031.9mm - Floor Board - Box 1 - 3632609


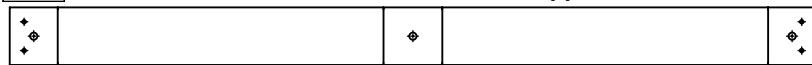
1pc. - **2608** - 31.8 x 76.2 x 1035.1mm - Floor Joist - Box 1 - 3632608


2pc. - **2601** - 31.8 x 76.2 x 1065.2 mm - Lower Jamb - Box 1 - 3632601


2pc. - **2772** - 31.8 x 76.2 x 1066.8mm - Panel Floor Support - Box 1 -


4pc. - **2769** - 31.8 x 76.2 x 1066.8mm - Panel BT Frame - Box 1 - 3632769


1pc. - **2768** - 31.8 x 76.2 x 1066.8mm - Panel Floor - Box 1 - 3632768

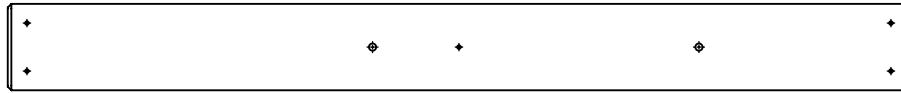

2pc. - **2775** - 31.8 x 76.2 x 1066.8mm - Panel Cross Support - Box 1 - 3632775


Part Identification (Reduced Part Size)

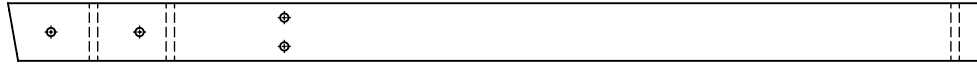
1pc. - **2616** - 23.8 x 82.6 x 1181.1mm - SW Support - Box 1 - 3632616



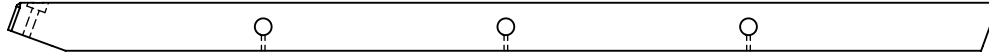
4pc. - **2851** - 15.9 x 114.3 x 1193.8mm - Vertical Rock Board - Box 1 - 3632851



1pc. - **2615** - 76.2 x 76.2 x 1294.3mm - SW Upright - Box 1 - 3632615



1pc. - **2846** - 34.9 x 63.5 x 1310.5mm - Ladder Rail Right - Box 1 - 3632846



1pc. - **2845** - 34.9 x 63.5 x 1310.5mm - Ladder Rail Left - Box 1 - 3632845



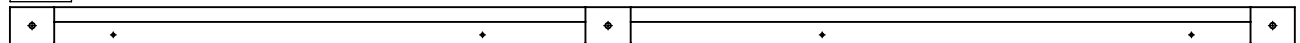
2pc. - **2613** - 50.8 x 76.2 x 2201.9mm - Heavy SW Post - Box 1 - 3632613



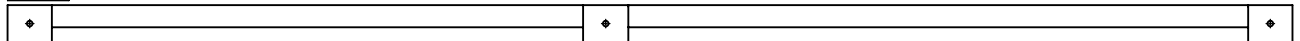
1pc. - **2614** - 76.2 x 133.4 x 2235.2mm - Engineered Beam - Box 1 - 3632614



3pc. - **2771** - 31.8 x 63.5 x 2209.8 mm - End Post - Box 1 - 3632771

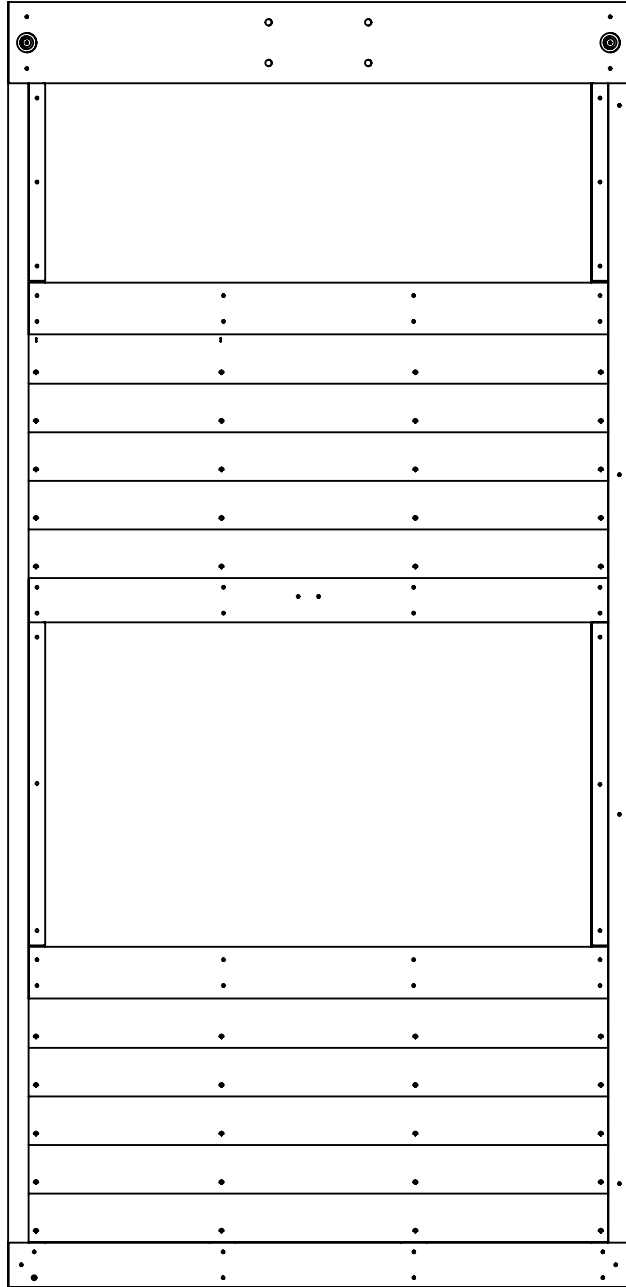


3pc. - **2770** - 31.8 x 63.5 x 2209.8 mm - End Post Left - Box 1 - 3632770

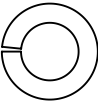


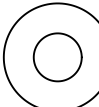
Part Identification (Reduced Part Size)

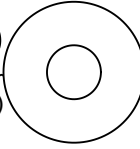
1pc. - **2627** - 31.8 x 1066.8 x 2209.8 mm - SW Wall Panel 1¼ x 42 x 87` - Box 1 - 37632627

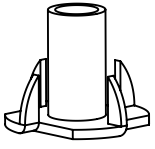


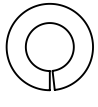
Hardware Identification (Actual Size)

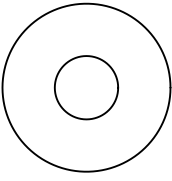
5pc. LW2 - 5/16" Lock Washer (51303300) 

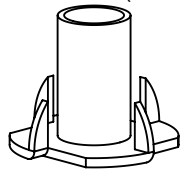
8pc. FW0 - 3/16" Flat Washer (51103100) 

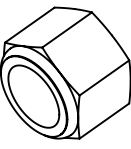
42pc. FW1 - 1/4" Flat Washer (51103200) 


28pc. TN1 - 1/4" T-Nut -(54303200) 

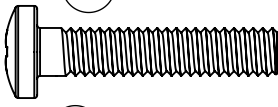
36pc. LW1 - 1/4" Lock Washer (51303200) 


54pc. FW2 - 5/16" Flat Washer - (51103300) 

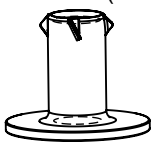
8pc. TN2 - 5/16" T-Nut - (54303300) 

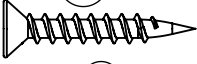
23pc. LN2 - 5/16" Lock Nut - (54303300) 

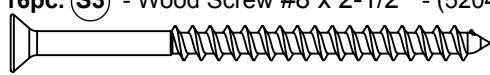
24pc. S0 - Truss Screw #8 x 7/8" - (9229505) 

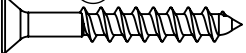
8pc. PB2 - Pan Bolt 1/4 x 1-1/4" - (53432212) 

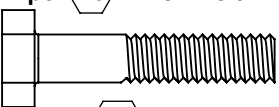
36pc. S30 - Wood Screw #8 x 1-1/16" - (52043517) 

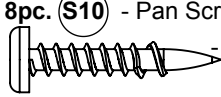
8pc. BN1 - 1/4" Barrel Nut - (54803200) 


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

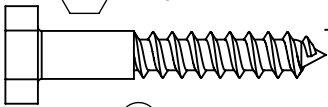
16pc. S3 - Wood Screw #8 x 2-1/2" - (52043522) 

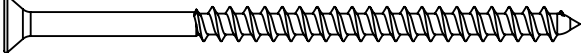
115pc. S2 - Wood Screw #8 x 1-1/2" - (52043512) 

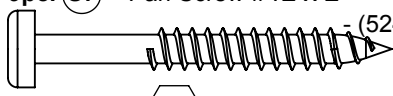
22pc. H9 - Hex Bolt 1/4 x 1-1/4" - (53703211) 

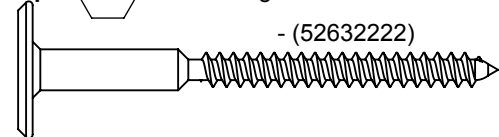
8pc. S10 - Pan Screw #8 x 1" - (52433510) 

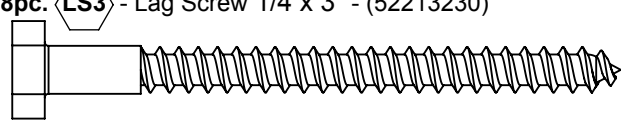
10pc. S11 - Wood Screw #8 x 2" - (52043520) 

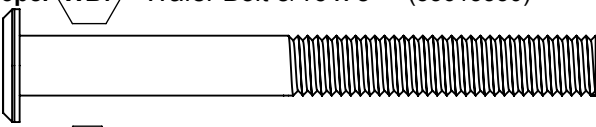
4pc. LS1 - Lag Screw 1/4 x 1-1/2" - (52213212) 

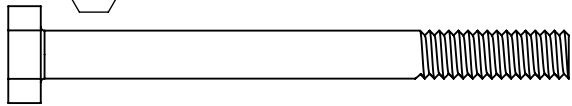
12pc. S4 - Wood Screw #8 x 3" - (52043530) 

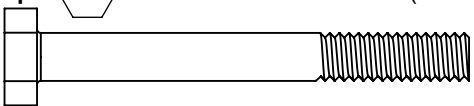
9pc. S7 - Pan Screw #12 x 2" - (52433620) 

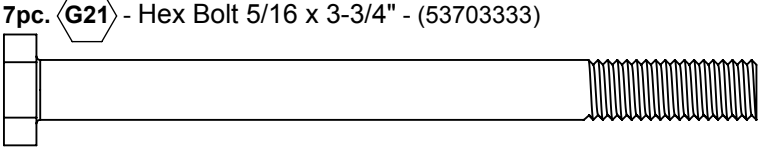
16pc. WL5 - Wafer Lag 1/4 x 2-1/2" - (52632222) 

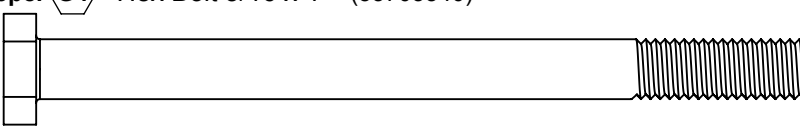
8pc. LS3 - Lag Screw 1/4 x 3" - (52213230) 

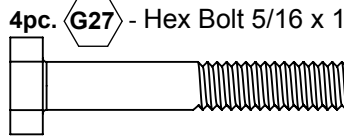
3pc. WB7 - Wafer Bolt 5/16 x 3" - (53613330) 

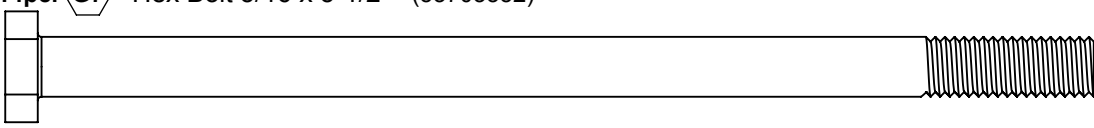
4pc. H11 - Hex Bolt 1/4 x 2-3/4" - (53703223) 

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

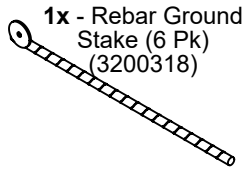
7pc. G21 - Hex Bolt 5/16 x 3-3/4" - (53703333) 

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

4pc. G27 - Hex Bolt 5/16 x 1-3/4" - (53709913) 

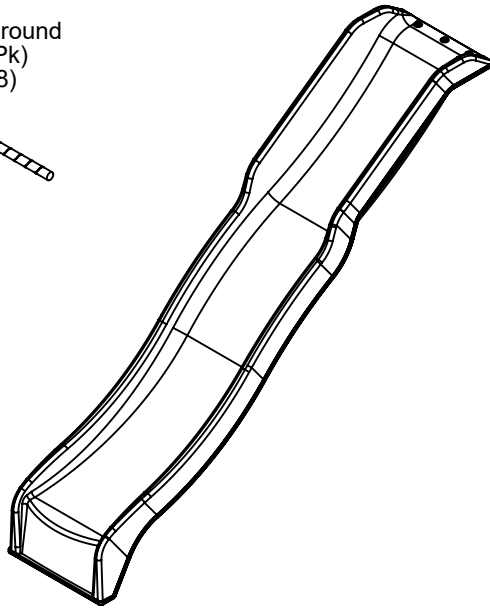
14pc. G7 - Hex Bolt 5/16 x 5-1/2" - (53703352) 

Part Identification (Reduced Part Size)



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

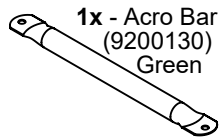
1x - Kidkraft ID Plaque (9320370)



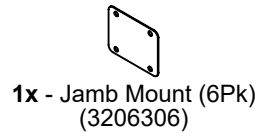
2x - Rocks (4 Pk) (3320184) -Green



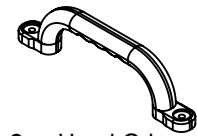
2x - Acro Handle (9320131) Green



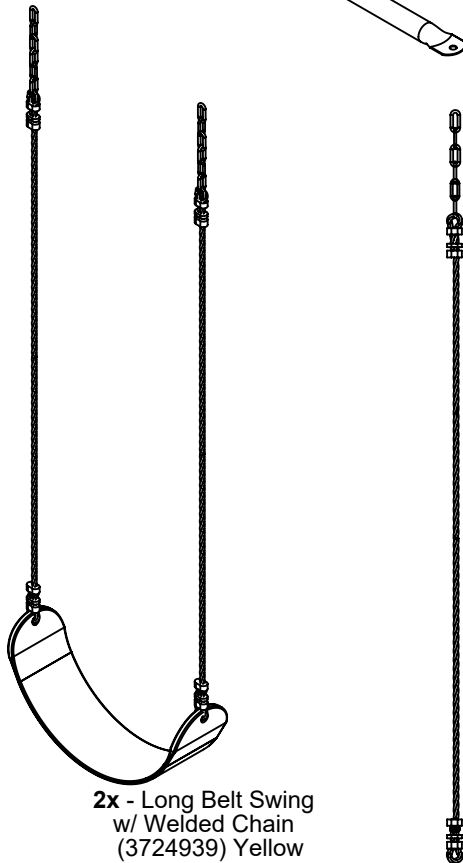
1x - Acro Bar (9200130) Green



1x - Jamb Mount (6Pk) (3206306)

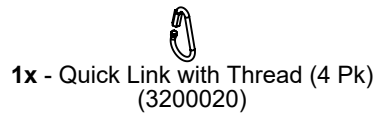


2x - Hand Grip (9320240)



2x - Long Belt Swing w/ Welded Chain (3724939) Yellow

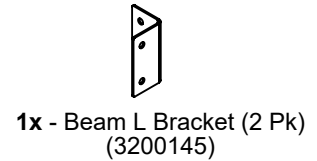
1x - Acro Rope & Chain (2Pk) (3502025)



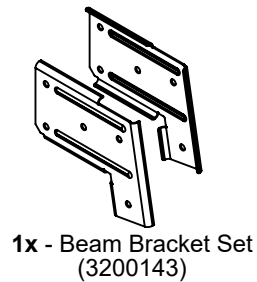
1x - Quick Link with Thread (4 Pk) (3200020)



1x - DX Swing Hangers (6 Pk) (3206106)

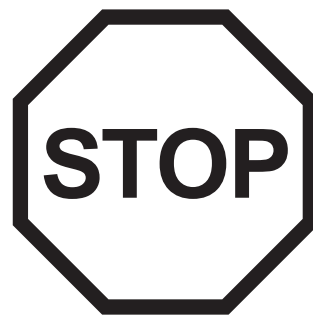
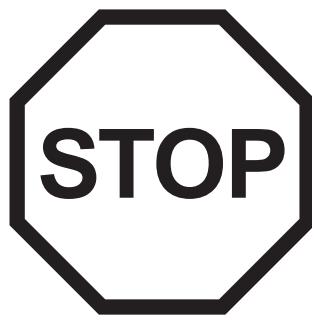
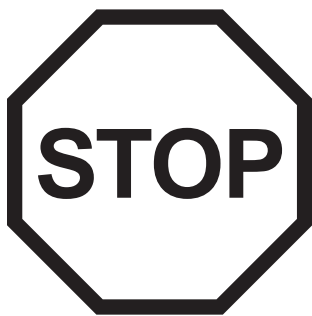


1x - Beam L Bracket (2 Pk) (3200145)



1x - Beam Bracket Set (3200143)

Step 1: Inventory Parts - Read This Before Starting Assembly



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

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

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

- C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information.
- D.** Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton.
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: A24825

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

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

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

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

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

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

TRACKING NUMBER (from ID Plaque): _____

Step 2: Front and Back Wall Prep Part 1



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

A: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. Put (2770) End Post Left on the right hand side. Place (2775) Panel Cross Support in the top grooves, (2772) Panel Floor Support in the middle grooves and (2769) Panel BT Frame in the bottom grooves. (fig. 2.1).

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

C: Tap 3 (TN1) 1/4" T-nuts in (2775) Panel Cross Support and (2772) Panel Floor Support and 2 in (2769) Panel BT Frame. (fig. 2.1 and 2.2)

Fig. 2.1

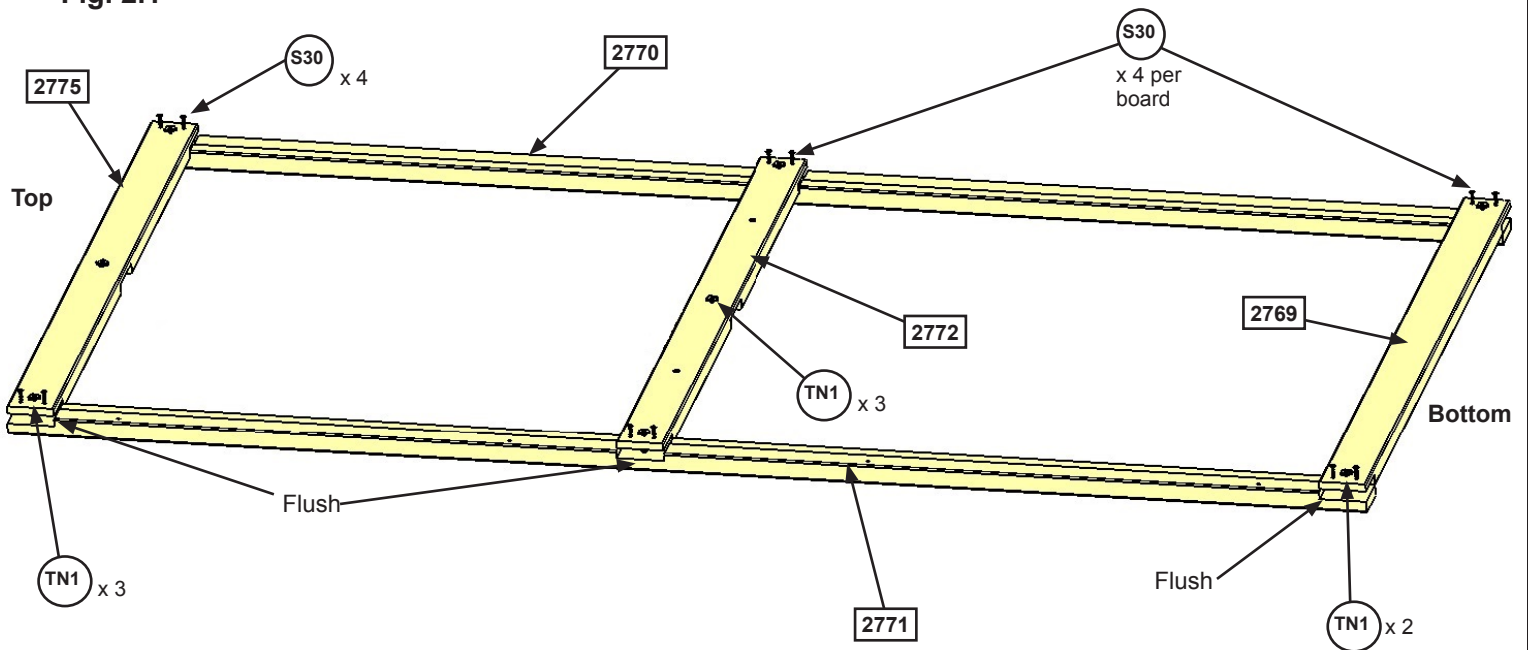
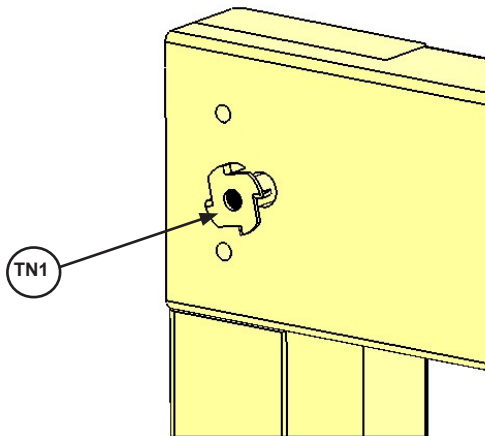


Fig. 2.2



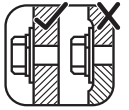
Wood Parts

2 x		End Post 31.8 x 63.5 x 2209.8 mm
2 x		End Post Left 31.8 x 63.5 x 2209.8 mm
2 x		Panel Cross Support 31.8 x 76.2 x 1066.8mm
2 x		Panel Floor Support 31.8 x 76.2 x 1066.8mm
2 x		Panel BT Frame 31.8 x 76.2 x 1066.8mm

Hardware

24 x		#8 x 1-1/16" Wood Screw
16 x		1/4" T-nut

Step 2: Front and Back Wall Prep Part 2



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

D: Turn the assembly over, place (2774) Upright in the middle grooves of (2775) Panel Cross Support and (2772) Panel Floor Support then attach all boards with 8 (H9) Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 2.3 and 2.4)

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

Fig. 2.3

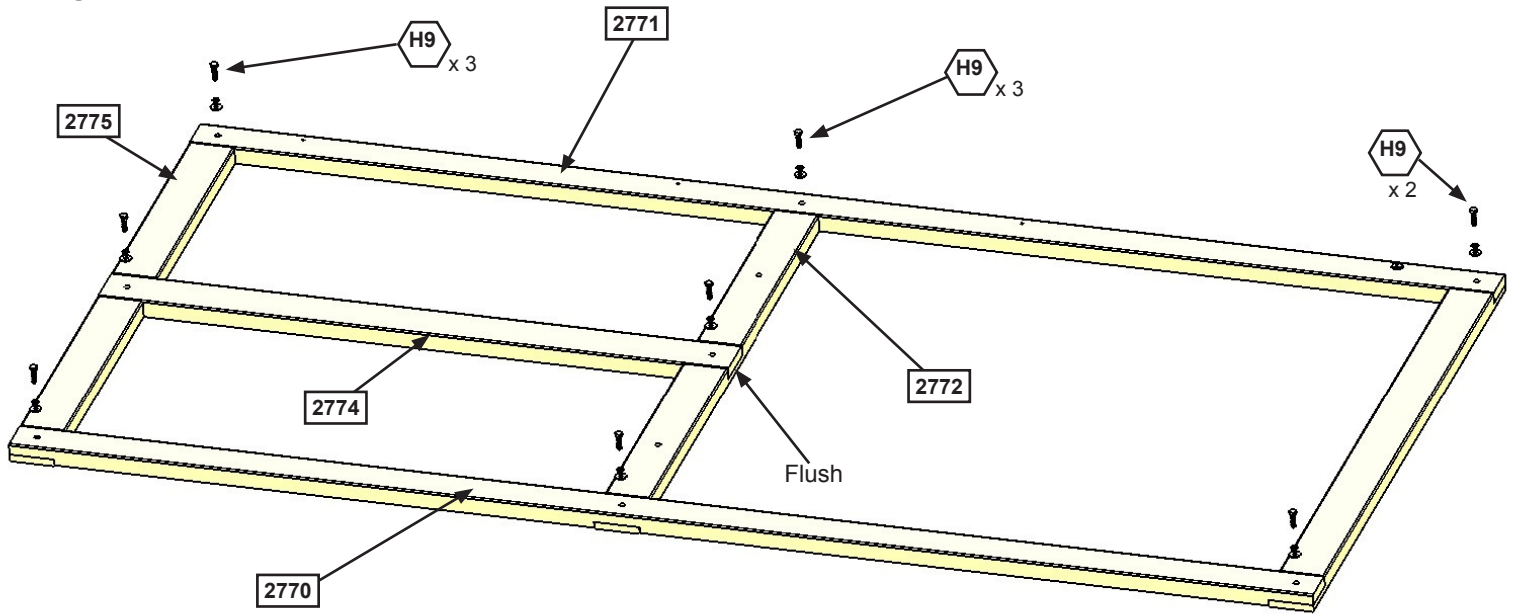
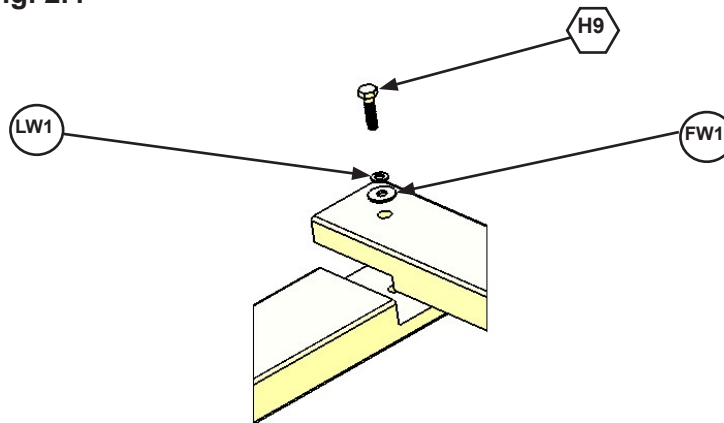


Fig. 2.4



Wood Parts

2 x Upright 31.8 x 76.2 x 1066.8mm

Hardware

16 x Hex Bolt
(lock washer & flat washer)

Step 3: End Wall Prep Part 1



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

A: Place (2768) Panel Floor and 2 (2769) Panel BT Frames on a hard, flat surface with the long side up. Tap in 2 (TN1) T-nuts per board. (fig. 3.1)

B: Place (2771) End Post and (2770) End Post Left side by side with the grooves facing up and in. (2770) End Post Left on the right hand side. Place (2769) Panel BT Frames in the top and bottom grooves and (2768) Panel Floor in the middle grooves. (fig. 3.2).

C: Make sure assembly is square then attach with 4 (S30) #8 x 1-1/16" Wood Screws per board. (fig. 3.2)

Fig. 3.1

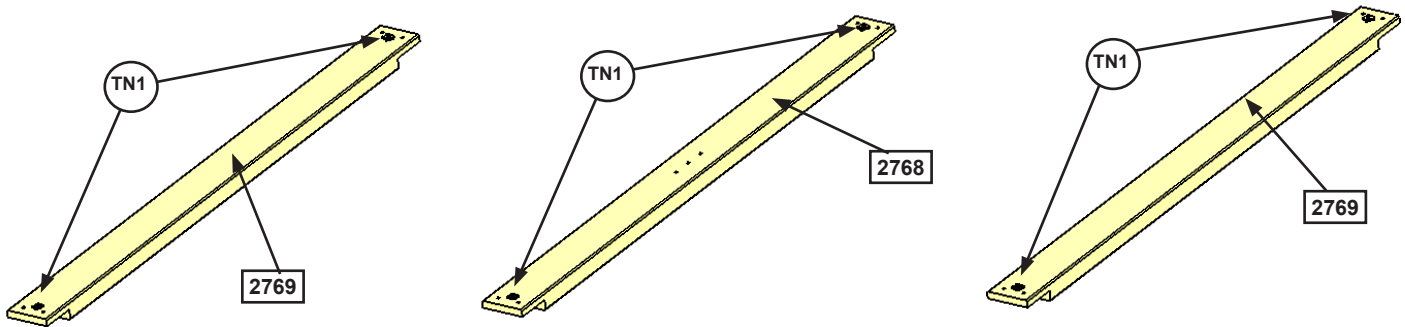
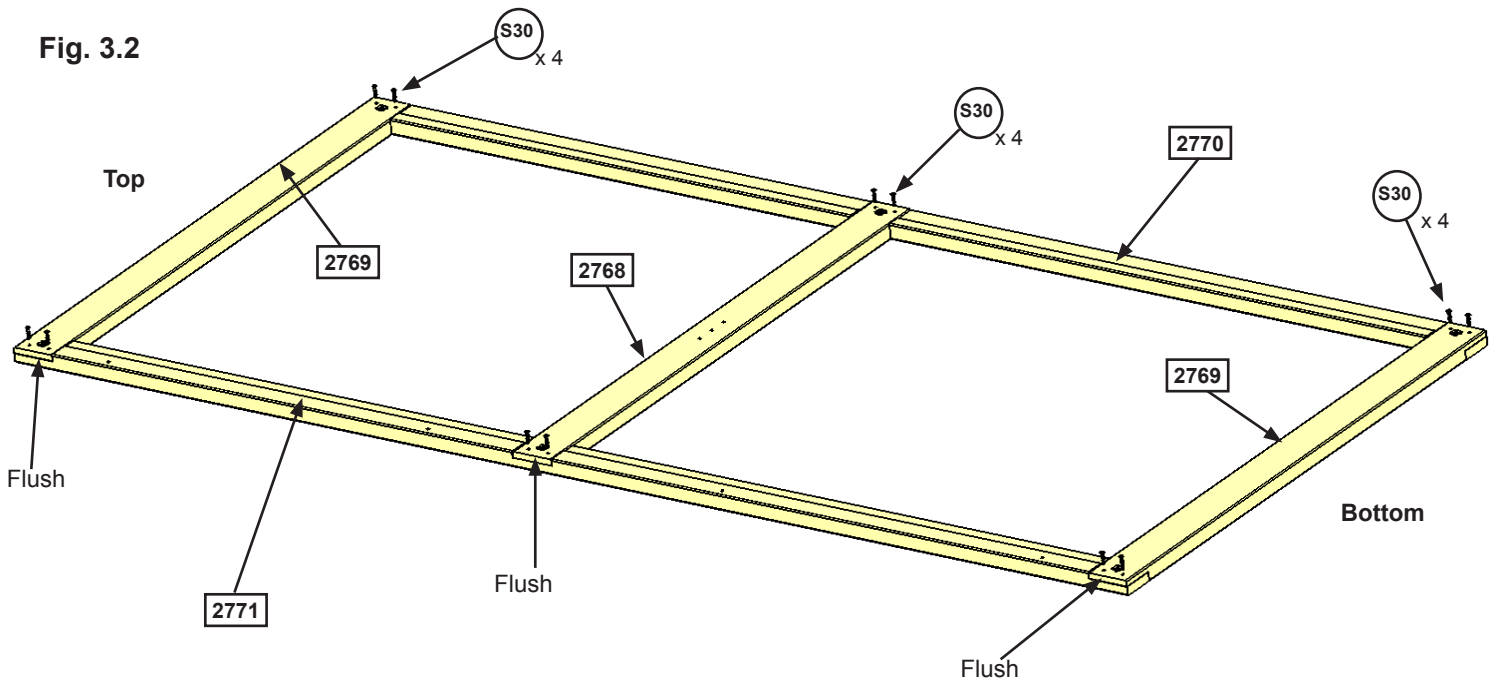


Fig. 3.2



Wood Parts

- 1 x Panel Floor 31.8 x 76.2 x 1066.8mm
- 2 x Panel BT Frame 31.8 x 76.2 x 1066.8mm
- 1 x End Post 31.8 x 63.5 x 2209.8 mm
- 1 x End Post Left 31.8 x 63.5 x 2209.8 mm

Hardware

- 12 x #8 x 1-1/16" Wood Screw
- 6 x 1/4" T-nut

Step 3: End Wall Prep Part 2



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

D: Turn the assembly over then attach all boards with 6 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer) connecting to the previously installed t-nuts. (fig. 3.3 and 3.4)

Fig. 3.3

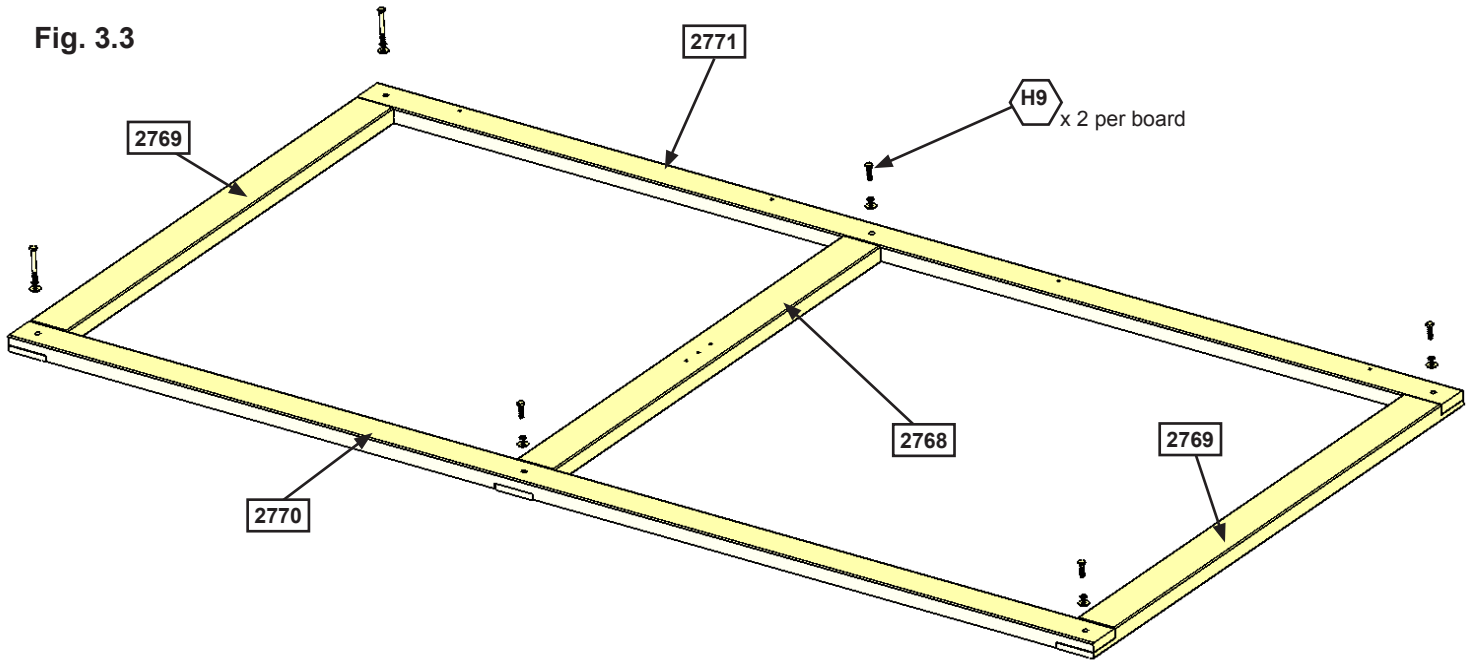
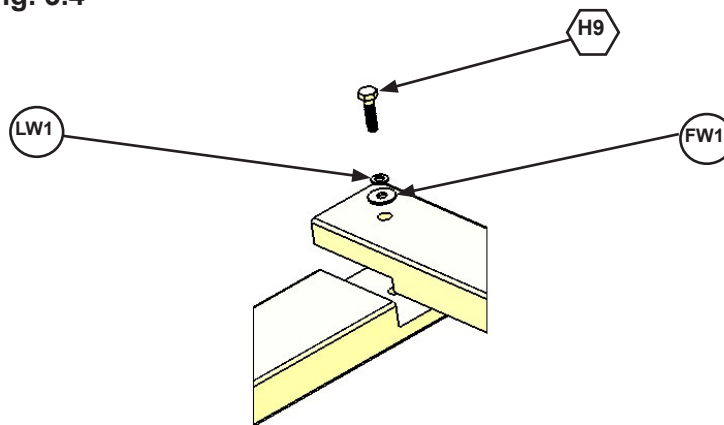



Fig. 3.4



Hardware

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

Step 4: Frame Assembly Part 1



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

A: Place (2627) SW Wall Panel between 2 Front and Back Walls from Step 2, noticing the wall orientations. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide pre-drill with a 3/16" (4.8 mm) drill bit and fasten the Front Wall to the Swing Wall and Swing Wall to the Back Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.1, 4.2 and 4.3)

Fig. 4.1
Top View

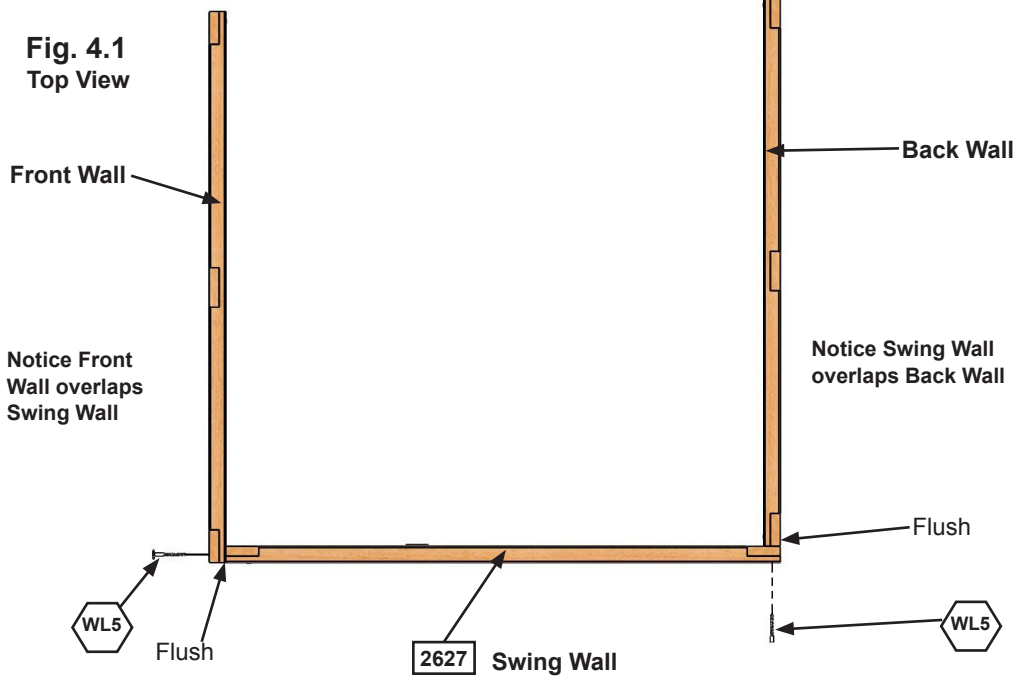


Fig. 4.3

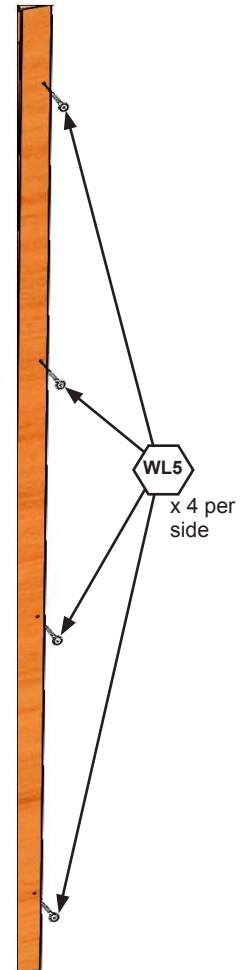
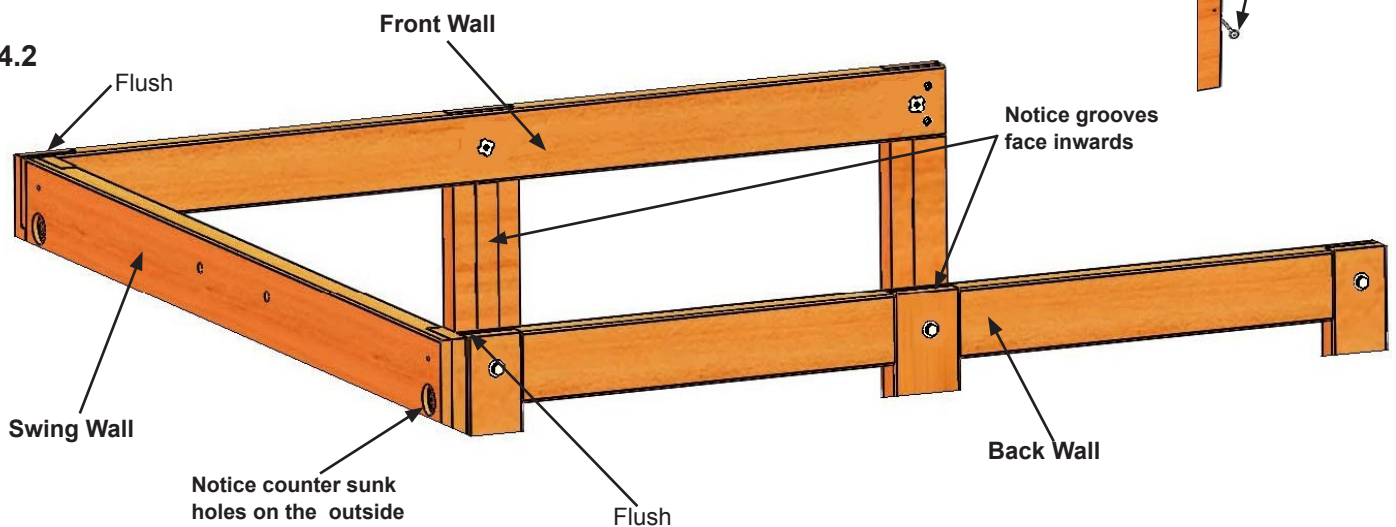


Fig. 4.2



Wood Parts

1 x 2627 SW Wall Panel 31.8 x 1066.8 x 2209.8 mm

Hardware

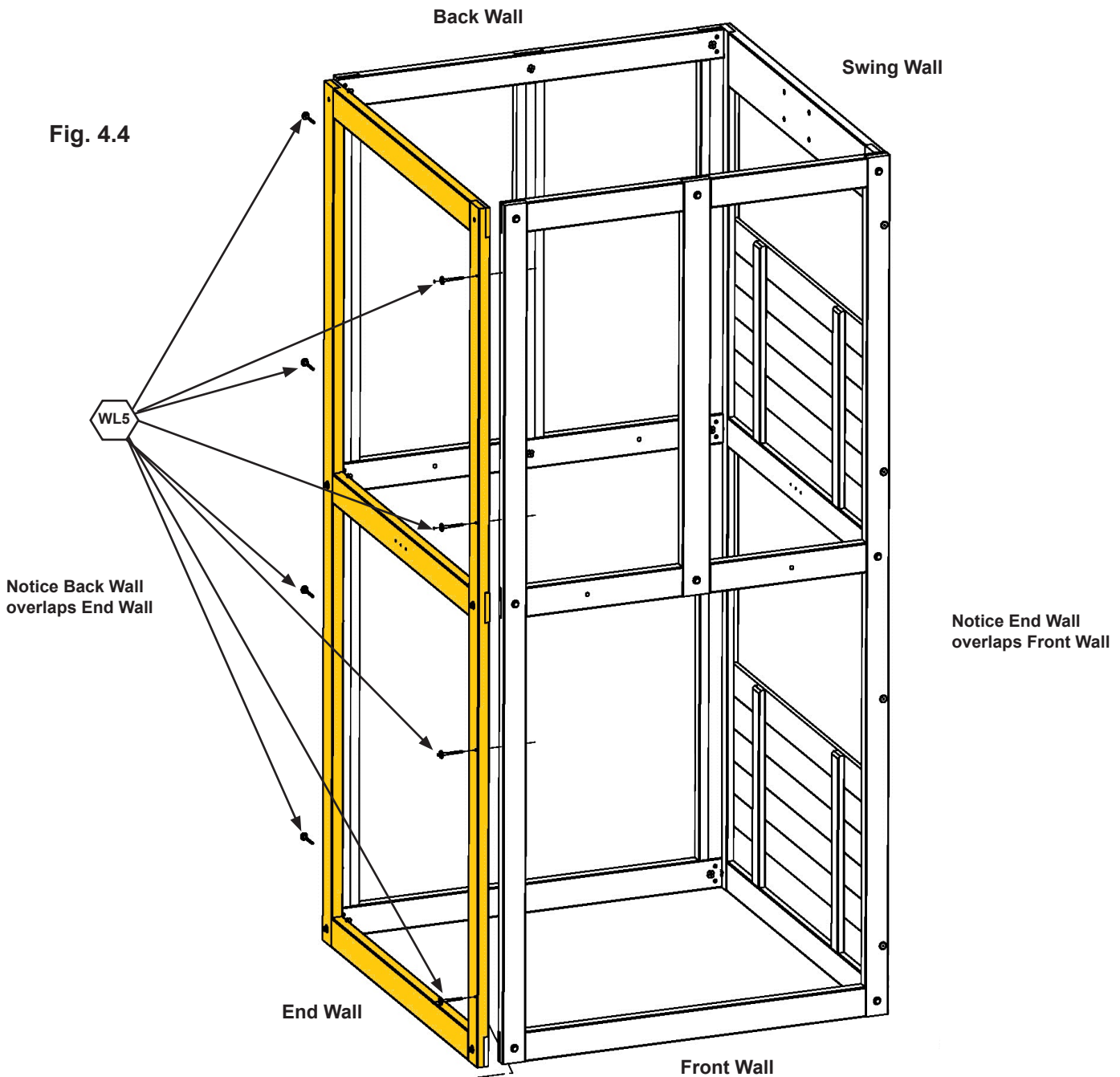
8 x WL5 1/4 x 2-1/2" Wafer Lag

Step 4: Frame Assembly Part 2




B: Place End Wall from Step 3 between the Front Wall and Back Wall noticing the wall orientation. The tops and bottoms of the walls should be flush. Make sure the walls are square then using the pilot holes as a guide predrill with a 3/16" (4.8 mm) drill bit and fasten the Back Wall to the End Wall and End Wall to the Front Wall with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 4.4)

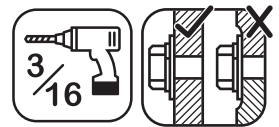
Fig. 4.4



Hardware

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

Step 4: Frame Assembly Part 3



C: Loosely attach 1 (2607) Diagonal to (2606) SW Ground with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig.4.5)

D: Place (2606) SW Ground against the front right side of the (2627) SW Wall Panel making sure that the (2607) Diagonal lines up with the edge of the panel as shown in fig. 4.5 and attach (2606) SW Ground to fort using 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 4.5)

E: Make sure that the (2607) Diagonal is tight to the edge of the (2627) SW Wall Panel then pre-drill pilot holes with a 3/16" (4.8 mm) drill bit. Attach (2607) Diagonal to the (2627) SW Wall Panel with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) checking that it remains flush to outside edge. (fig. 4.5 and 4.7)

F: Tighten Hex Bolt installed in step C:.

G: Repeat steps C: through F: to install diagonal assembly on the left side.

Fig. 4.6

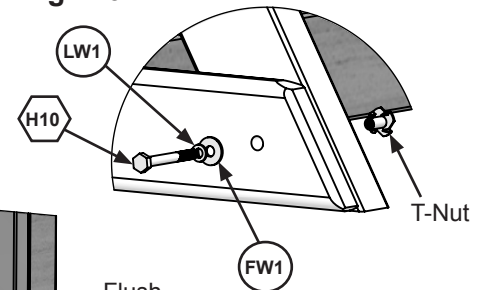


Fig. 4.5

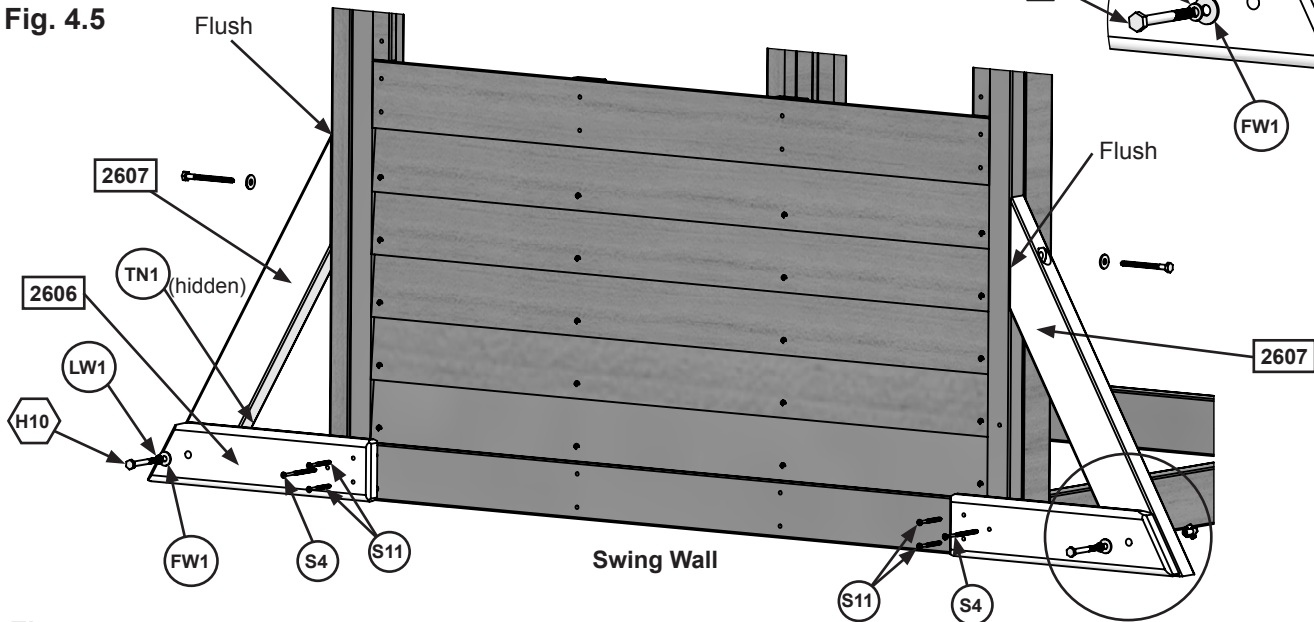
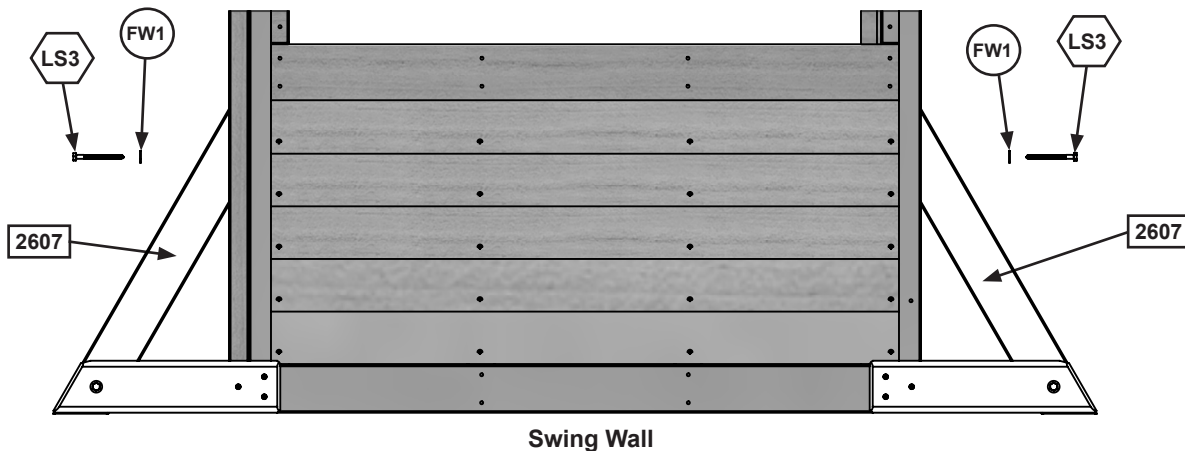


Fig. 4.7



Wood Parts

- 1 x [2607] Diagonal 31.8 x 76.2 x 558.8mm
- 2 x [2606] SW Ground 23.8 x 82.6 x 362 mm

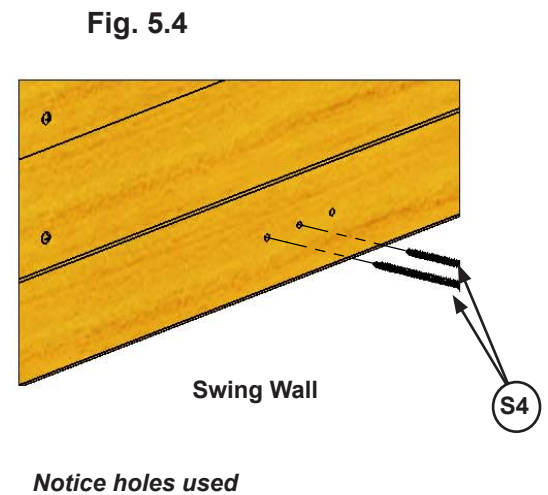
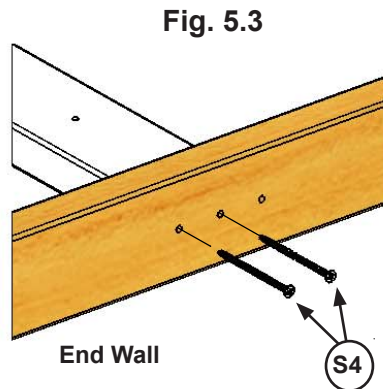
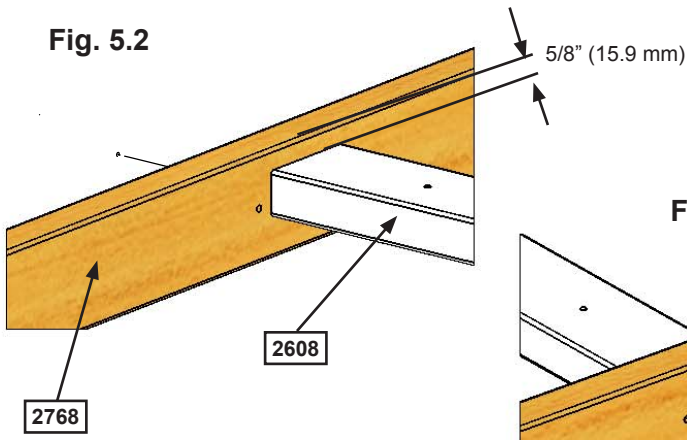
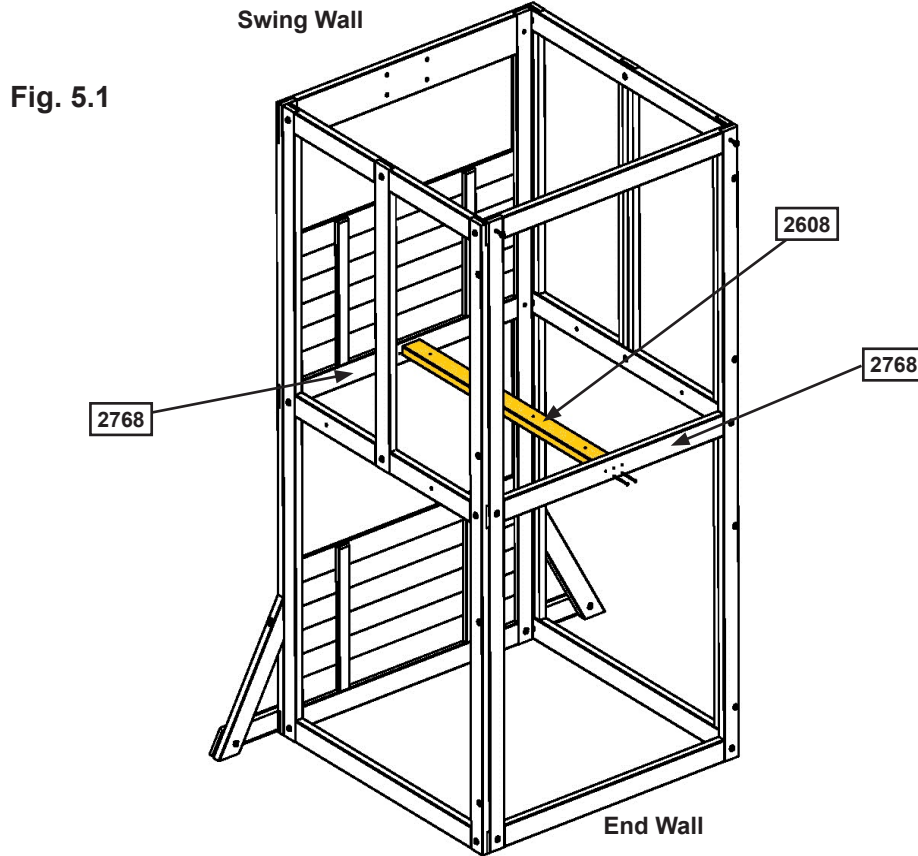
Hardware

- 2 x [H10] 1/4 x 2-1/4" Hex Bolt (lock washer, flat washer, t-nut)
- 2 x [LS3] 1/4 x 3" Lag Screw (flat washer)
- 4 x [S11] #8 x 2" Wood Screw
- 2 x [S4] #8 x 3" Wood Screw

Step 5: Floor Assembly Part 1



A: From inside of the assembly centre (2608) Floor Joist over the pilot holes in both (2768) Panel Floors in the Swing and End Walls, measure 5/8" (15.9 mm) down from the top of boards then attach (2608) Floor Joist to each board using the left and centre holes with 2 (S4) #8 x 3" Wood Screws per board. (fig. 5.1, 5.2, 5.3 and 5.4)



Wood Parts

1 x 2608 Floor Joist 31.8 x 76.2 x 1035.1mm

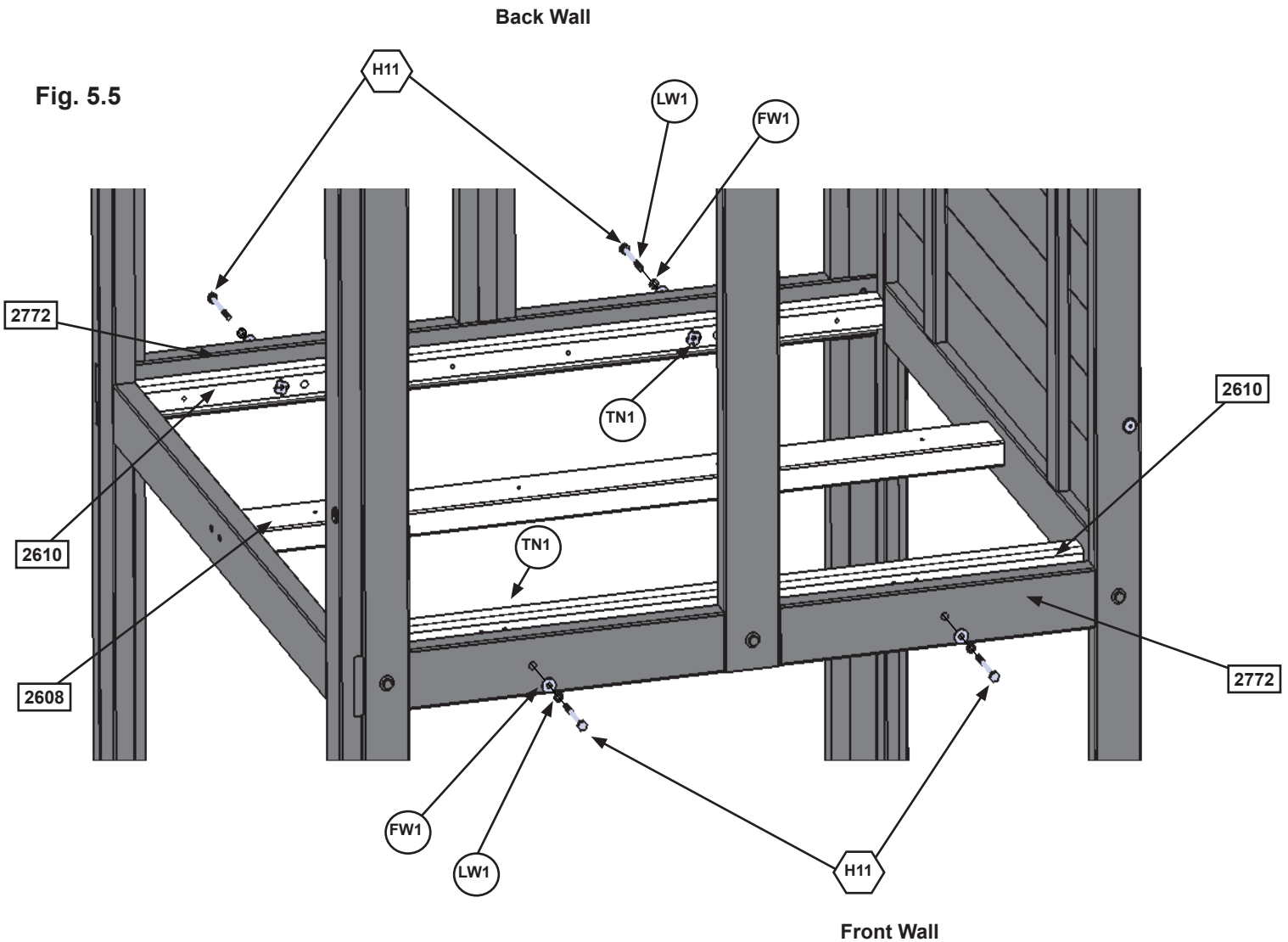
Hardware

4 x S4 #8 x 3" Wood Screw

Step 5: Floor Assembly Part 2



B: On the inside of both the Front and Back Walls loosely attach 1 (2610) Side Joist to each (2772) Panel Floor Support with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 5.5. Make sure both (2610) Side Joist are level with (2608) Floor Joist.



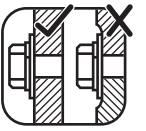
Wood Parts

2 x Side Joist 38.1 x 38.1 x 1022.4mm

Hardware

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

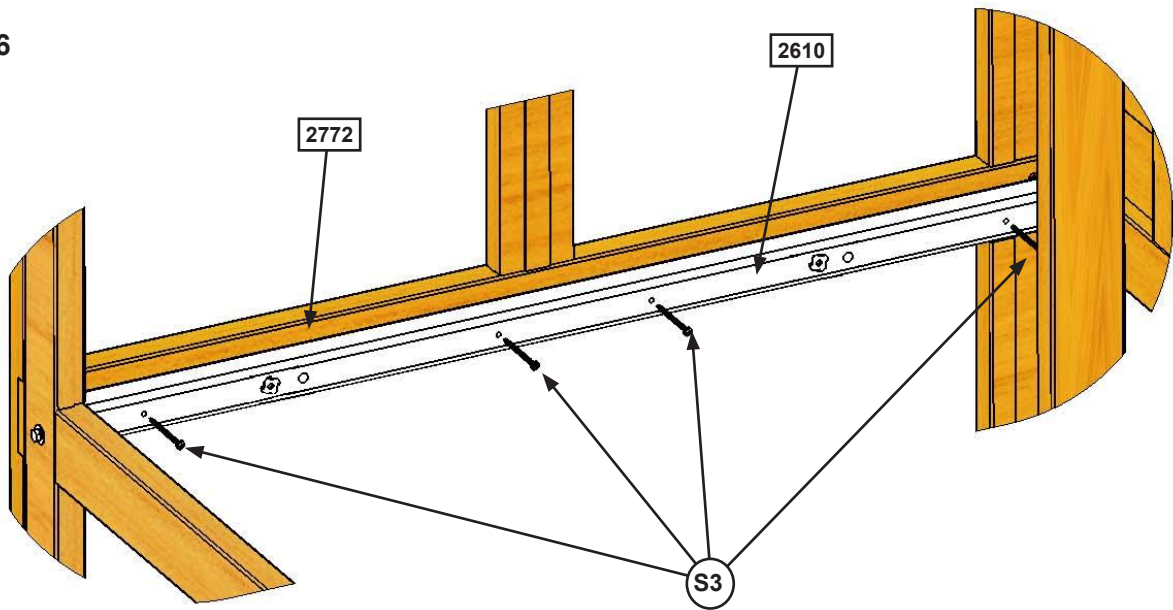
Step 5: Floor Assembly Part 3



C: Fasten each (2610) Side Joist to each (2772) Panel Floor Support with 4 (S3) #8 x 2-1/2" Wood Screws per board as shown in fig. 5.6.

D: Tighten all (H11) 1/4 x 2-3/4" Hex Bolts in both (2610) Side Joist.

Fig. 5.6



Hardware

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

Step 5: Floor Assembly Part 4

E: 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. 5.7 and 5.8)

Fig. 5.7

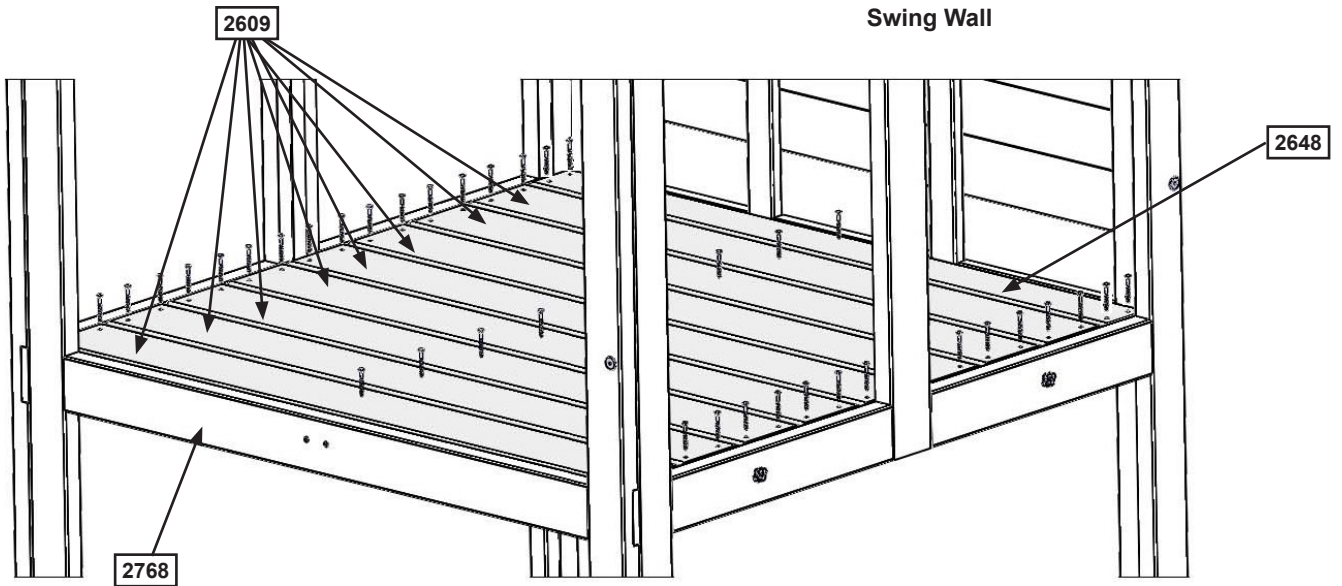
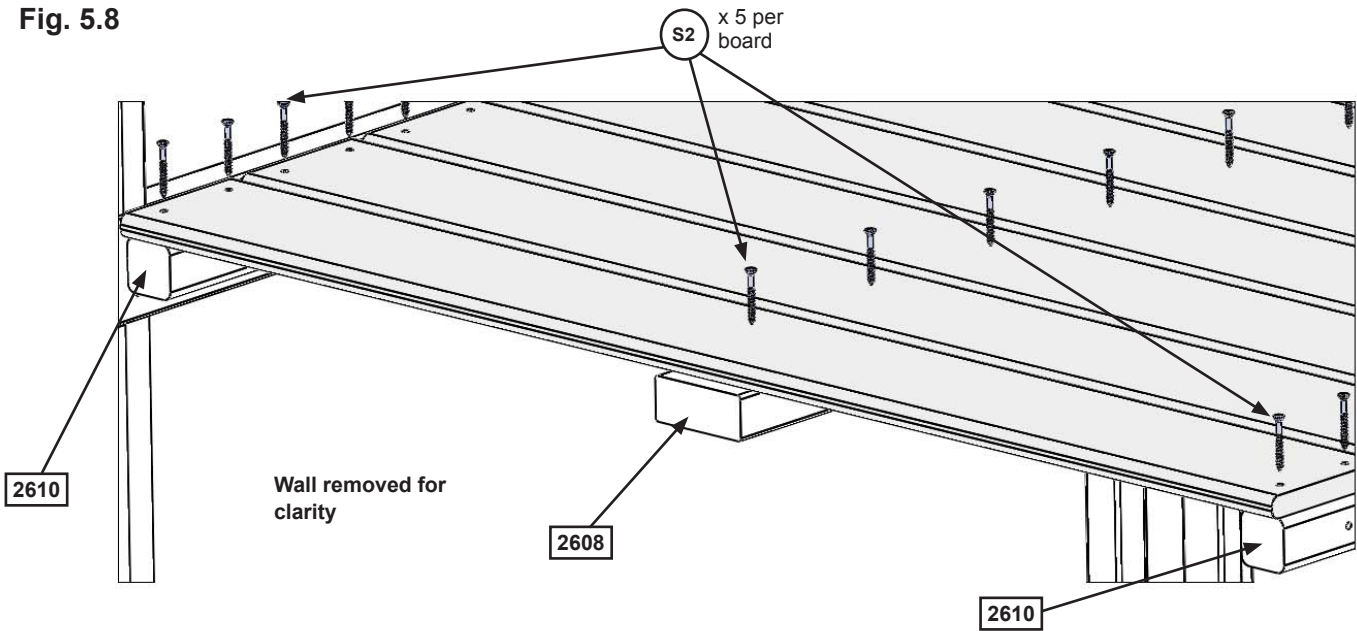


Fig. 5.8



Wood Parts

- 1 x 2648 Floor Board 15.9 x 85.7 x 1031.9 mm
- 8 x 2609 Floor Board 15.9 x 114.3 x 1031.9mm

Hardware

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



Step 6: Swing Beam Assembly

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

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

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

Fig. 6.1

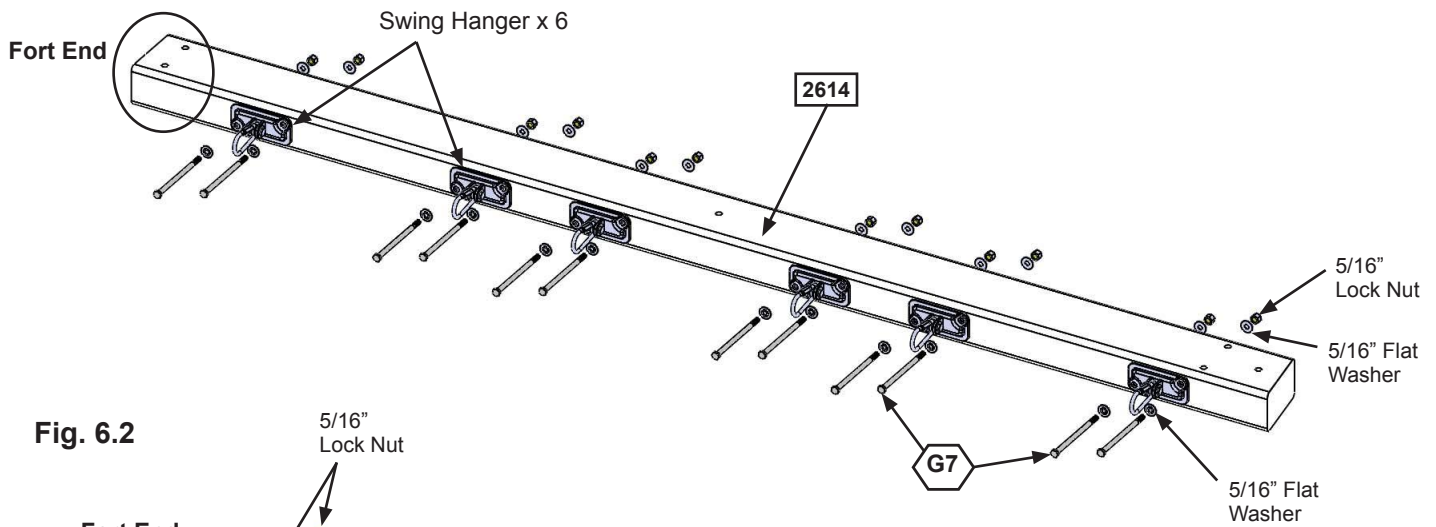


Fig. 6.2

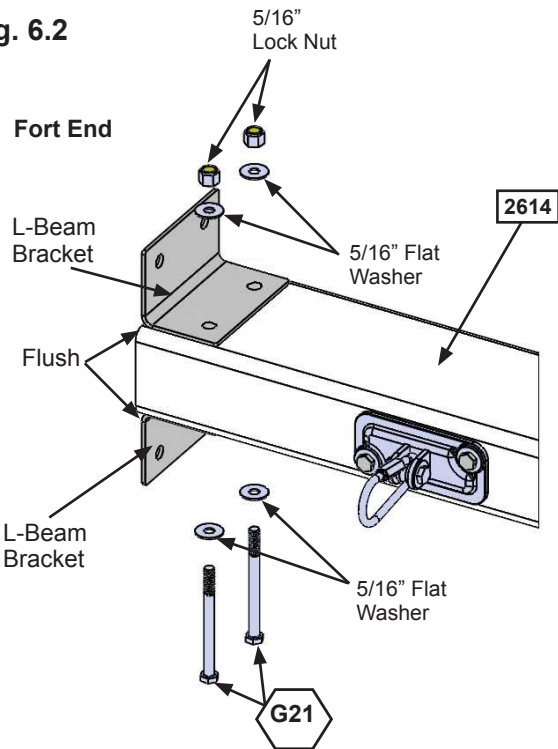
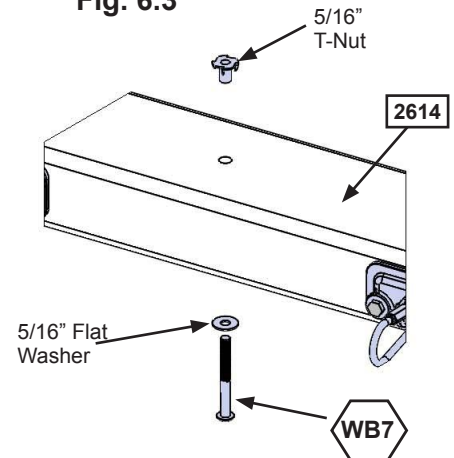


Fig. 6.3



Wood Parts

1 x 2614 Engineered Beam 76.2 x 133.4 x 2235.2mm

Hardware

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

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

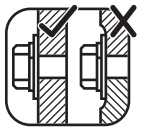
1 x WB7 Wafer Bolt (5/16" flat washer & 5/16" t-nut)

Other Parts

6 x Swing Hangers

2 x L-Beam Bracket

Step 7: Swing End Assembly

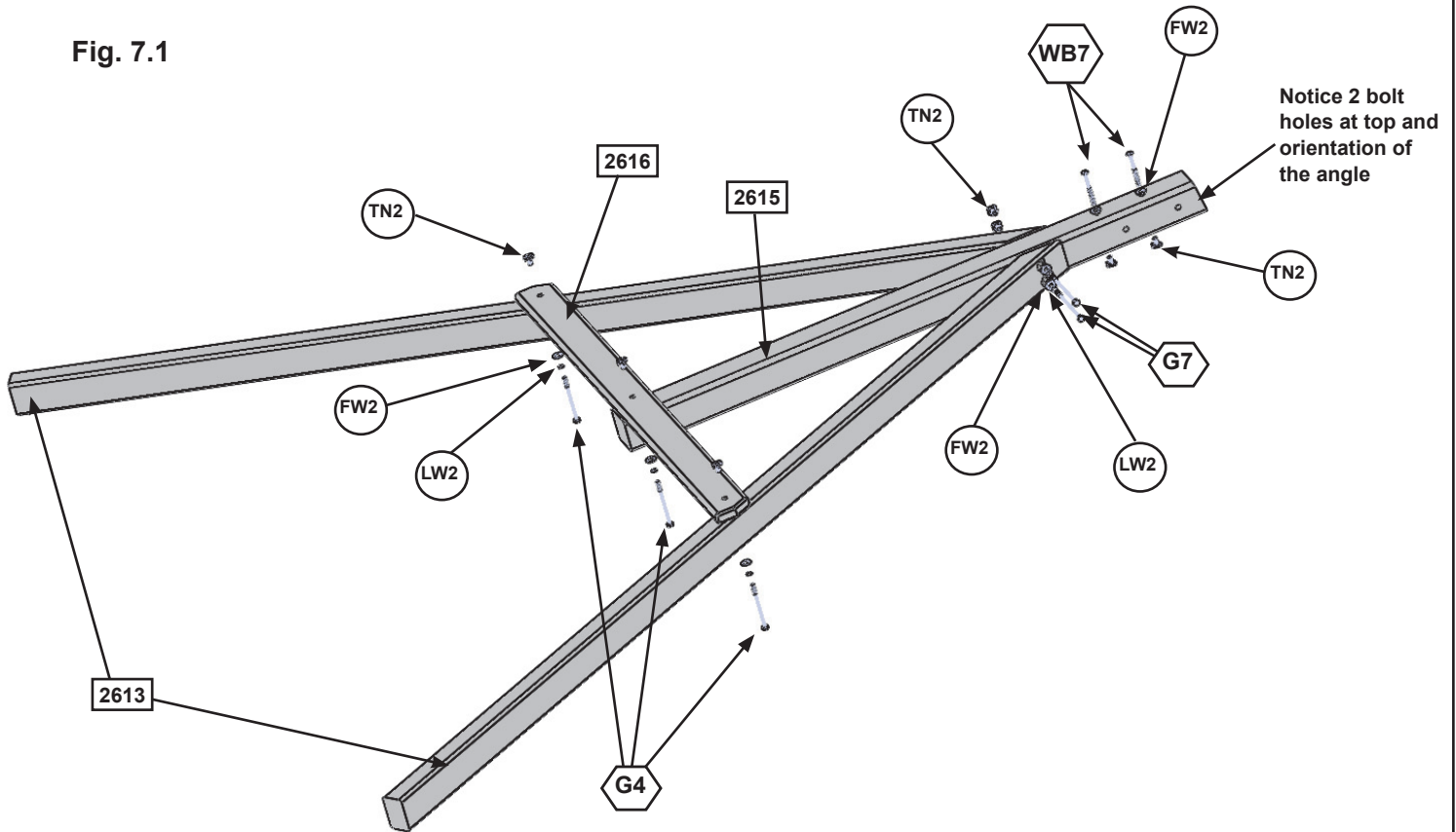


A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

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

Fig. 7.1



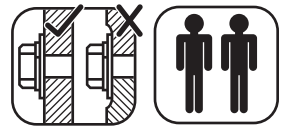
Wood Parts

- 2 x 2613 Heavy SW Post 50.8 x 76.2 x 2201.9mm
- 1 x 2615 SW Upright 76.2 x 76.2 x 1294.3mm
- 1 x 2616 SW Support 23.8 x 82.6 x 1181.1mm

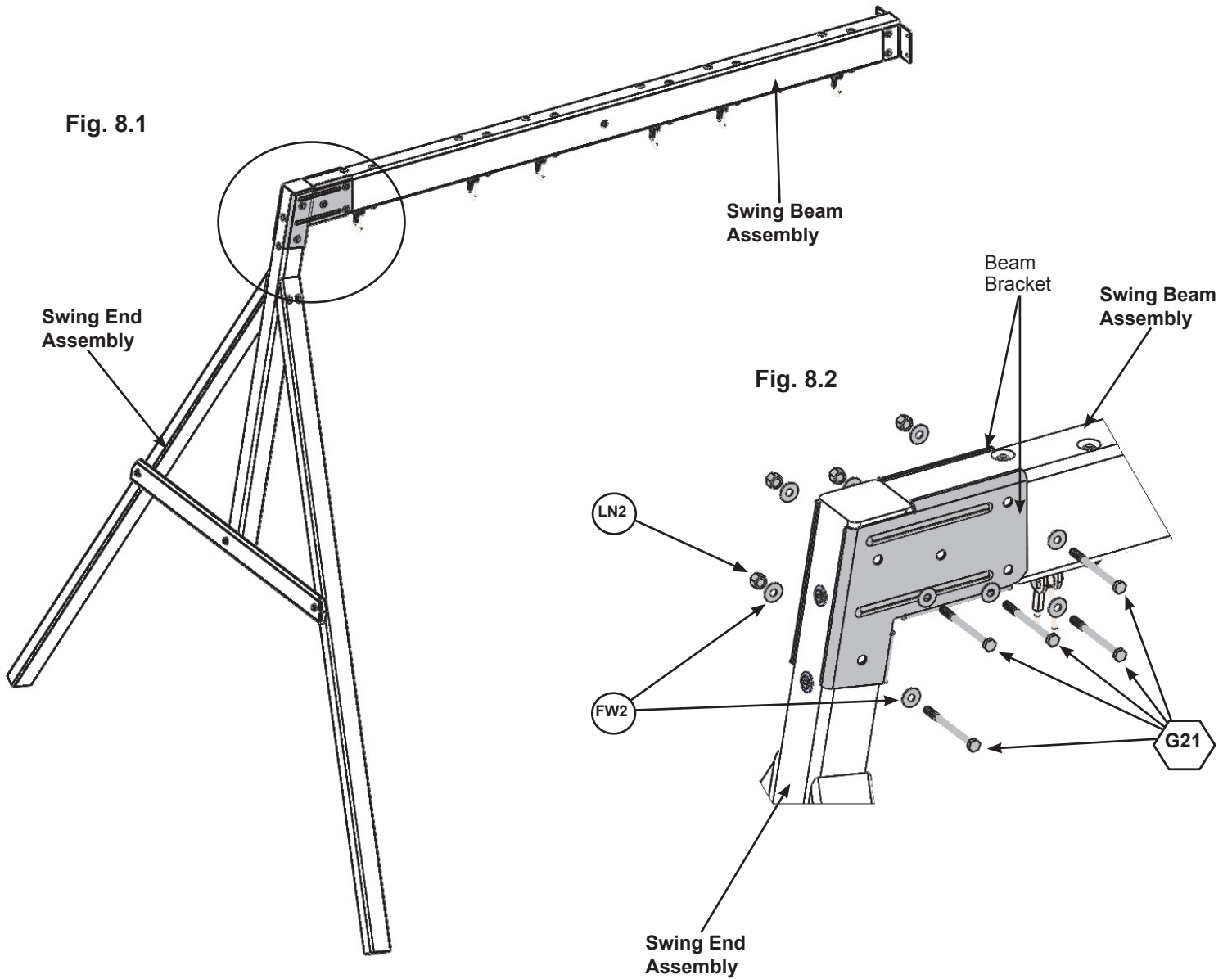
Hardware

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

Step 8: Attach Swing End to Swing Beam



A: Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) 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  Hex Bolt
(flat washer x 2, lock nut)

Other Parts

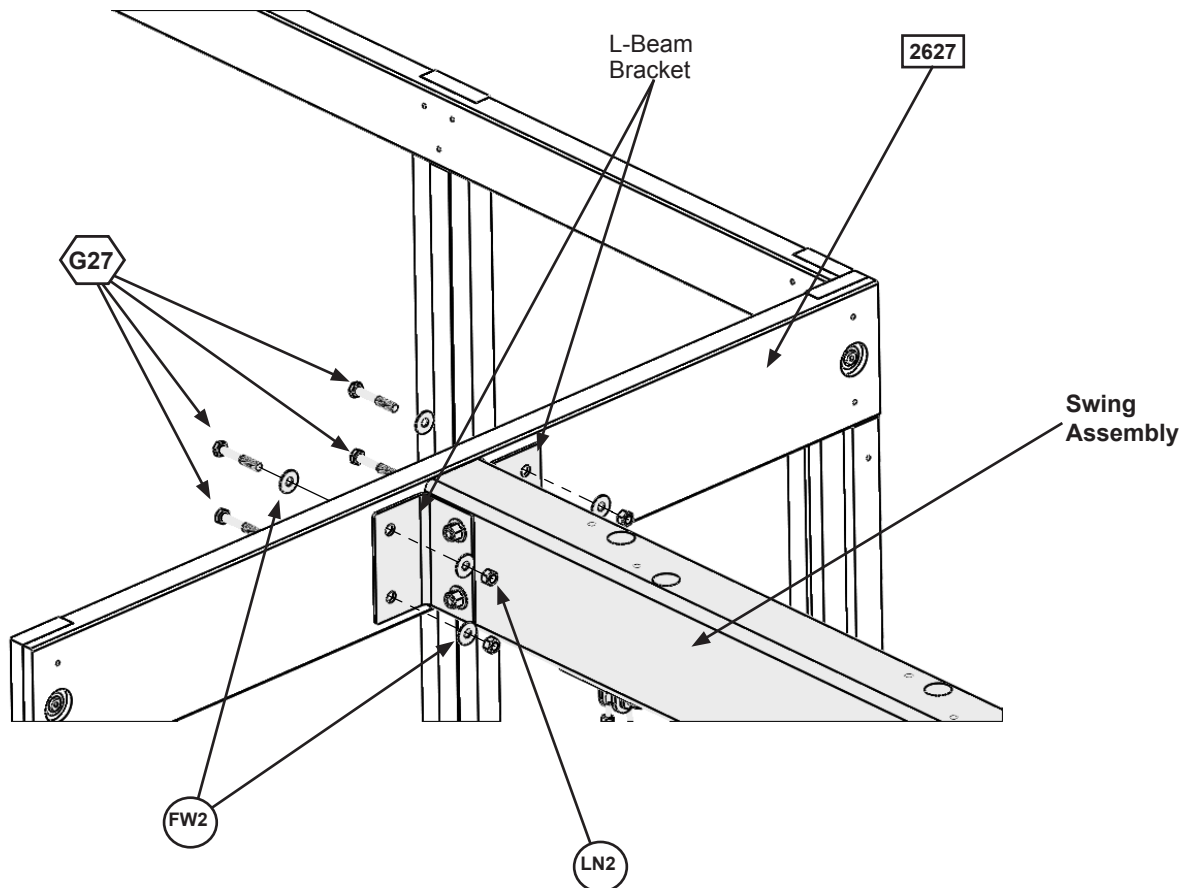
2 x Beam Bracket (Left/Right)

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 (G27) 5/16 x 1 3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 9.1)

Fig. 9.1



Hardware

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

Step 10: Install Ground Stakes

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

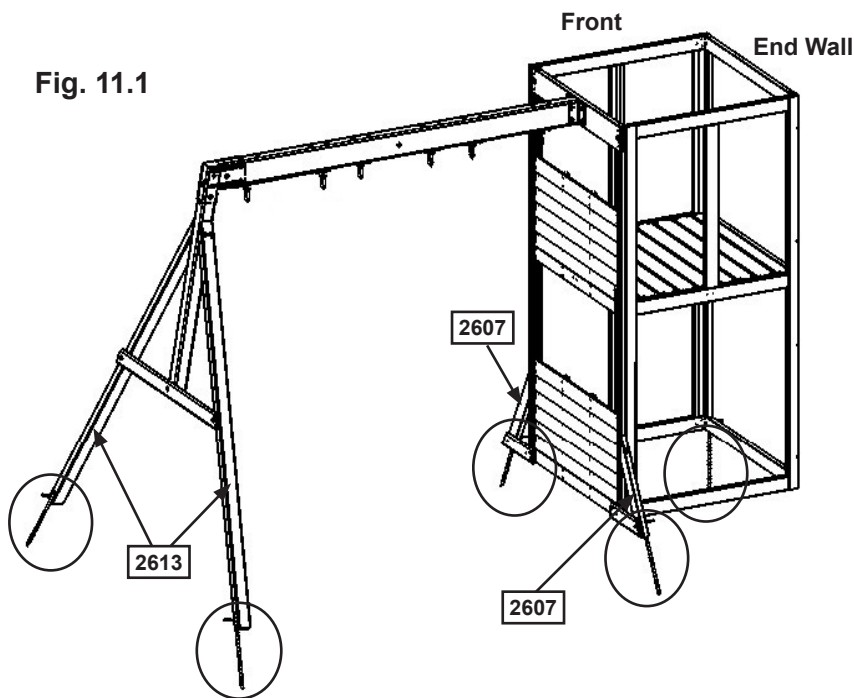
A: In the 5 places shown in fig. 10.1 drive the Rebar Ground Stakes 13" into the ground against outside front corner of End Wall Assembly, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to 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" (330 mm) into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 11.1



**SEE FRONT COVER
FOR SAFETY CLEARANCE**

Fig. 11.2

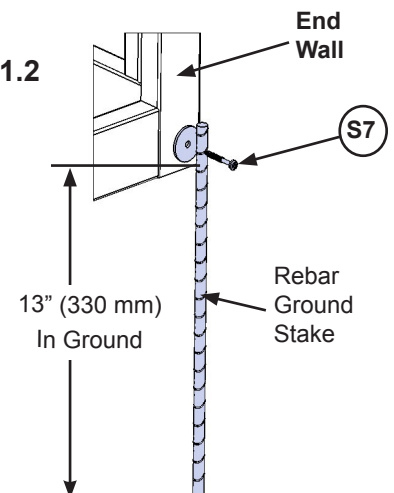
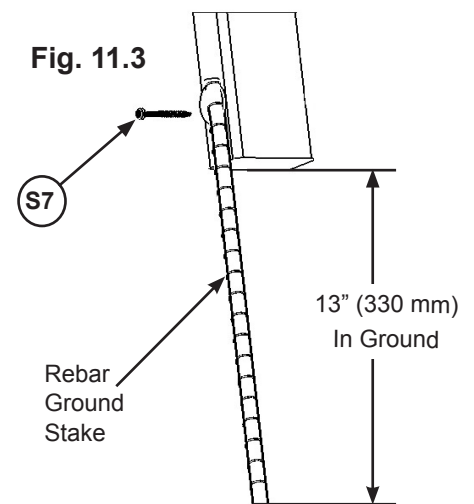


Fig. 11.3



Hardware

5 x (S7) Pan Screw

Other Parts

5 x Rebar Ground Stake

Step 11: Install Upper and Lower Jambs



A: In the upper opening of End Wall 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 and 11.3)

B: In the lower opening of the Front Panels place 1 (2601) Lower Jamb so it measures 17" to the inside of each post then attach (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.1, 11.2 and 11.3)

Fig. 11.1

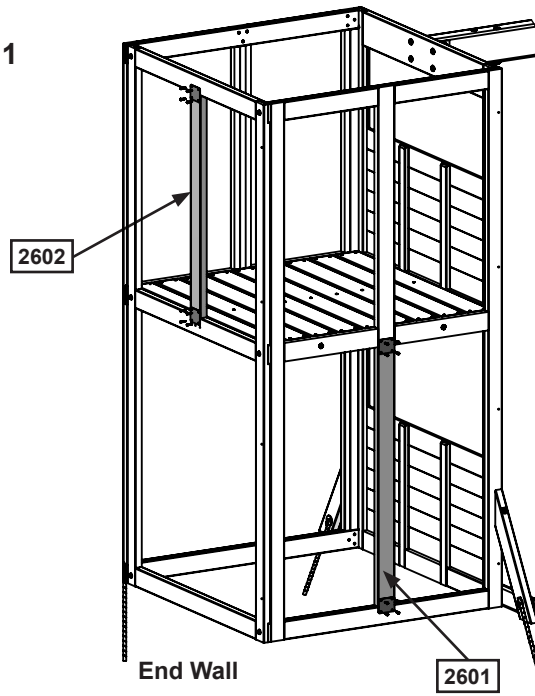


Fig. 11.2

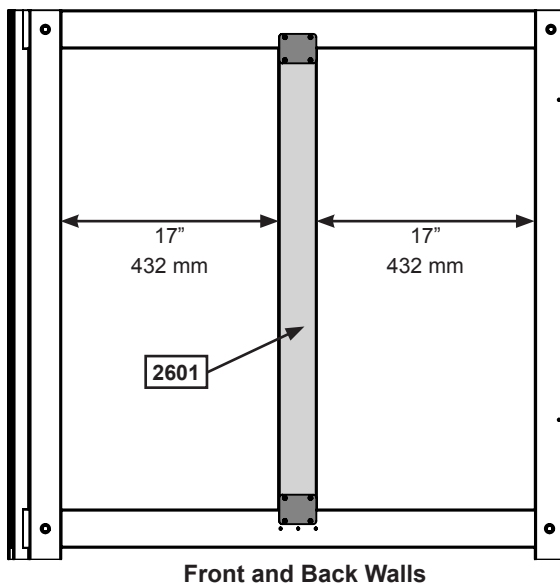
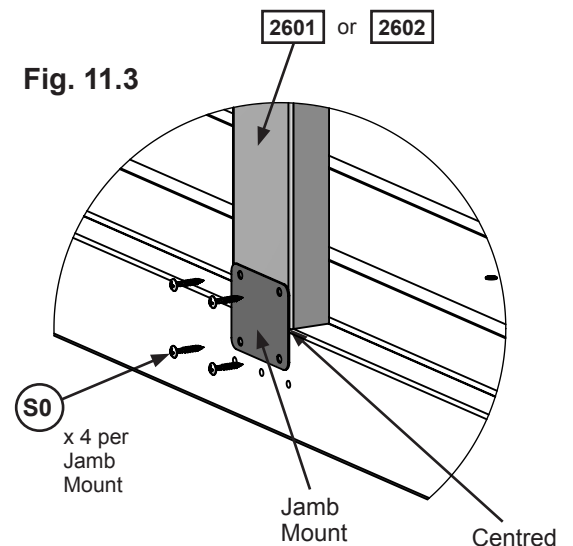


Fig. 11.3



Wood Parts

- 1 x 2601 Lower Jamb 31.8 x 76.2 x 1065.2 mm
- 1 x 2602 Upper Jamb 31.8 x 76.2 x 912.8 mm

Hardware

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

Other Parts

- 4 x Jamb Mount

Step 12: Install Tower Gussets



A: On the inside of the (2771) and (2770) and flat against the (2772) on the on the back wall and the (2768) on the side wall place 4 (2850) Tower Gussets and attach using 1 (S11) #8 x 2" Wood Screw and 1 (S4) #8 x 3" Wood Screw and 1 (LS3) 1/4 x 3" Lag Screw (with flat washer). (fig. 12.1 and 12.2)

Note: Pre-drill with a 1/8" drill bit before installing Lag Screw.

Fig. 12.1

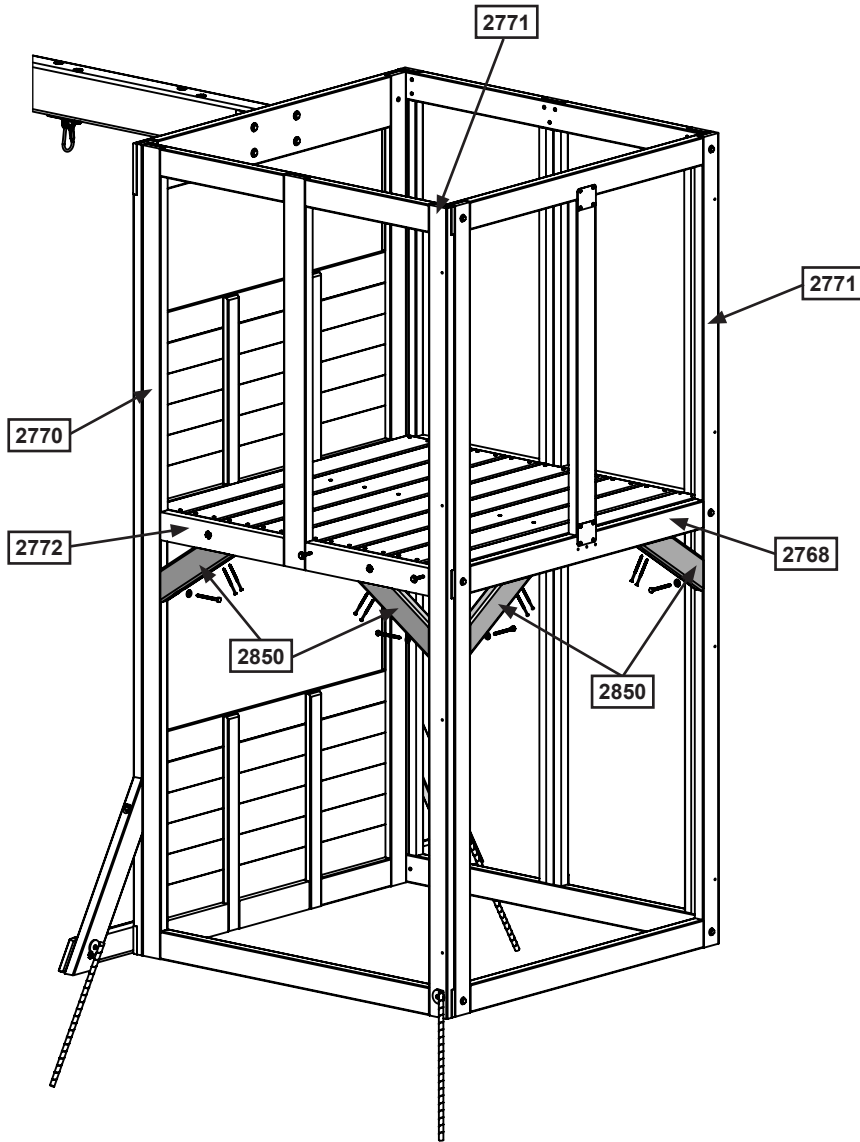
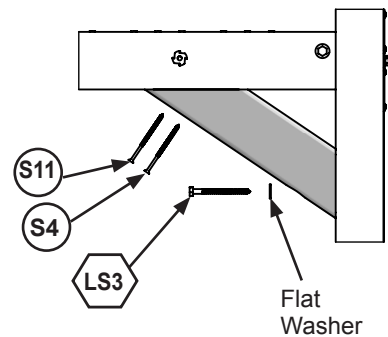


Fig. 12.2
Side View



Wood Parts

4 x Tower Gussets 31.8 x 76.2 x 304.8mm

Hardware

4 x #8 x 3" Wood Screw

4 x #8 x 2" Wood Screw

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

Step 13: Access Ladder Assembly Part 1



A: Insert 3 (1578) Dowels into (2846) Ladder Rail Right and (2845) Ladder Rail Left, as shown in fig. 13.1. Making sure that the holes in both rails are at the top, facing outwards.

B: Make sure shoulder of dowel is against each rail before pre-drilling pilot holes. Drill 1/8" pilot holes through the rails and into the dowels to prevent splitting. (fig. 13.2)

C: Attach (1578) Dowels to both rails with 2 (S3) #8 x 2-1/2" Wood Screws per dowel. (fig. 13.3 and 13.4)

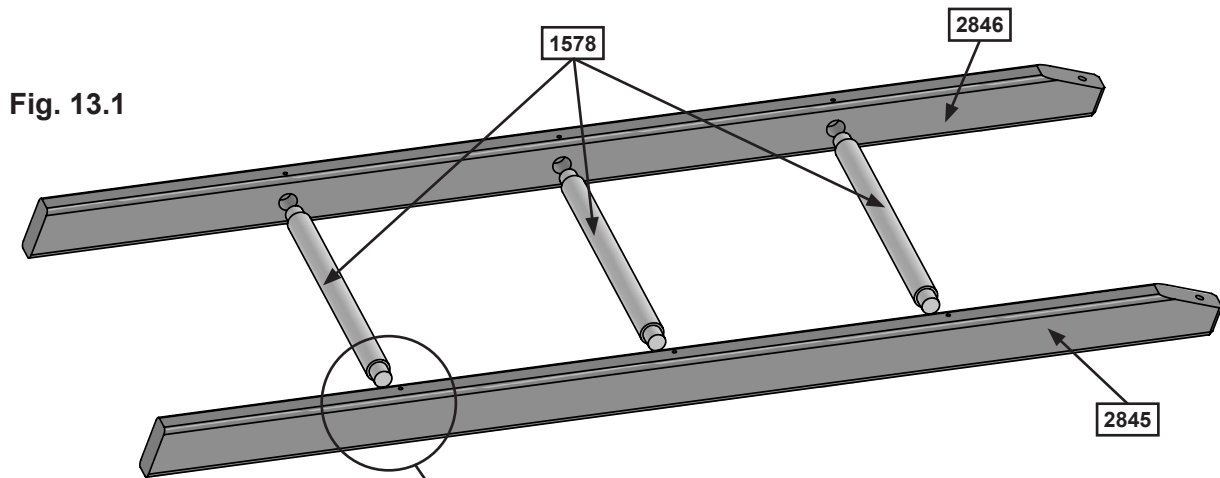


Fig. 13.1

Pre-drill 1/8" pilot holes through Dowels to prevent splitting. Then fasten the screws to secure the Dowels. Check that screw has properly secured the dowel.

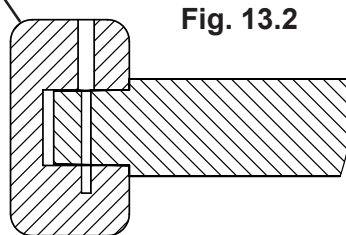


Fig. 13.2

▲ Warning Make sure shoulder is against Post before drilling pilot holes.

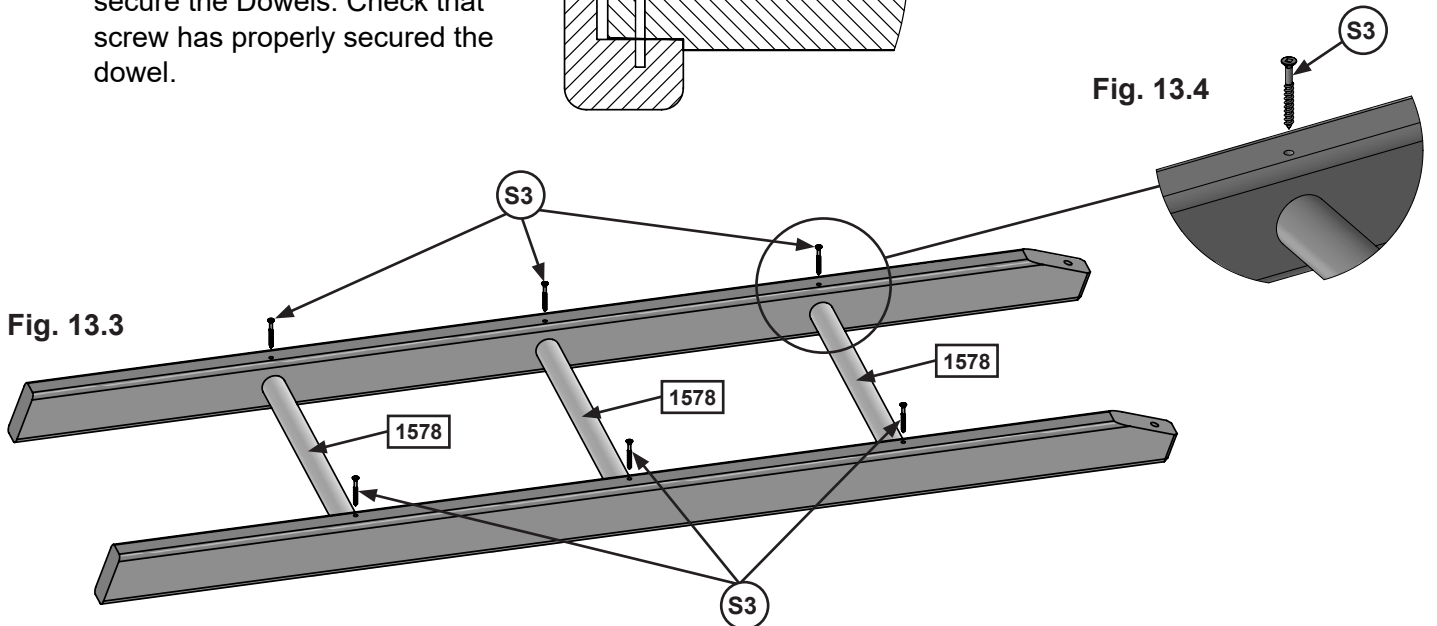


Fig. 13.3

Fig. 13.4

Wood Parts

- 3 x 1578 Dowel 28.6 x 403.2mm
- 1 x 2845 Ladder Rail Left 34.9 x 63.5 x 1310.5mm
- 1 x 2846 Ladder Rail Right 34.9 x 63.5 x 1310.5mm

Hardware

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

Step 13: Access Ladder Assembly Part 2



D: On the back of the assembly and to the right, place Ladder Assembly against (2618) as shown in fig. 13.5 making sure that it is flush. Pre-drill holes with a 1/8" drill bit then attach using 2 (LS3) 1/4 x 3" Lag Bolt (with flat washer). (fig. 13.6)

Fig. 13.5

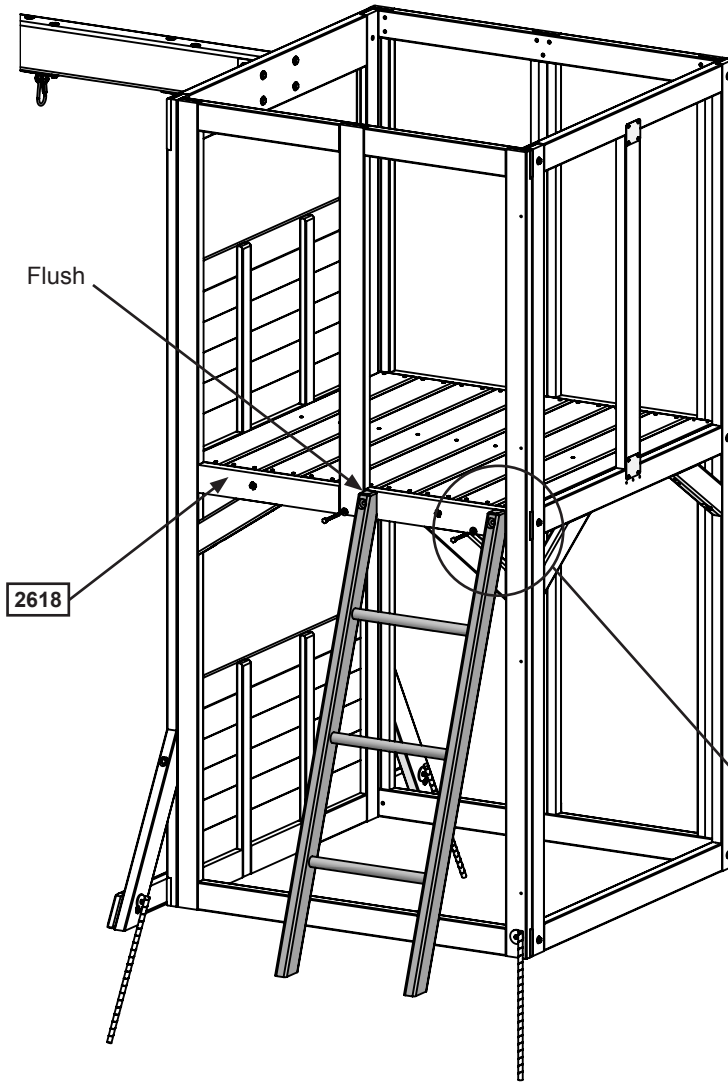
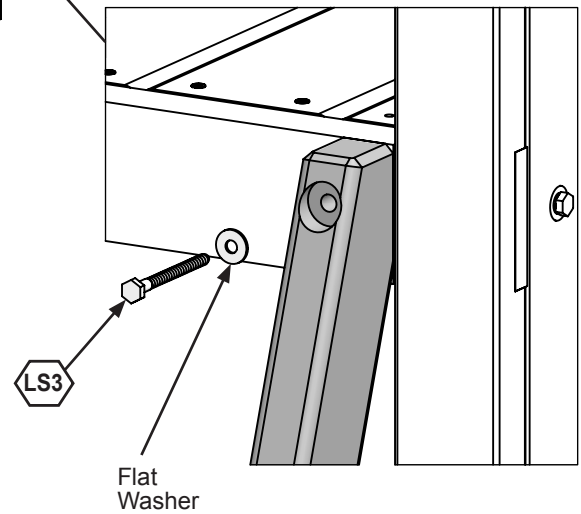



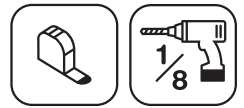
Fig. 13.6



Hardware

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

Step 13: Access Ladder Assembly Part 3



E: On the inside bottom of (2846) Ladder Rail Right attach 1 (9195) Ladder Brace using 2 (S11) #8 x 2" Wood Screws keeping it flush to Panel BT Frame. (fig. 13.7 and 13.8)

F: From inside the Fort install 2 (S4) #8 x 3" Wood Screws through the (2769) Panel BT Frame and into (9195) Ladder Brace as shown in fig. 13.8.

Fig. 13.7

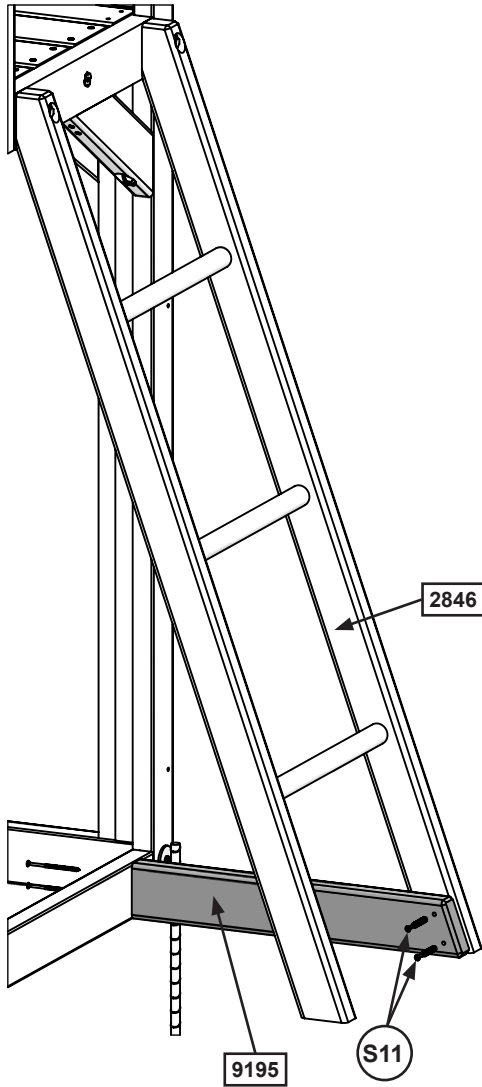
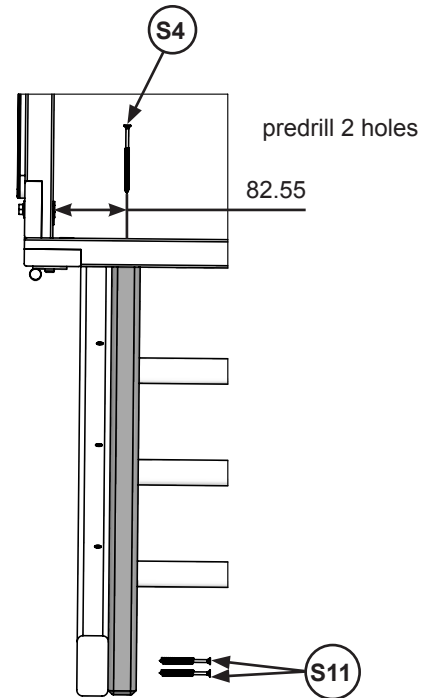


Fig. 13.8
View From Bottom



Wood Parts

1 x 9195 Ladder Brace 31.8 x 76.2 x 482.6mm

Hardware

2 x S11 #8 x 2" Wood Screw

2 x S4 #8 x 3" Wood Screw

Step 14: Vertical Wall Assembly Part 1



A: On the lower left hand side of the front wall place 4 (2851) Vertical Rock Boards tight together making sure that they are centered in the opening and flush to the top. **It is important to note hole orientation, every other board needs to be flipped.** Attach using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 14.1 and 14.2)

B: From inside the fort have a helper hold the (2847) Rock Support horizontally so that it lines up with the pre-drilled holes along the center of the Vertical Rock Boards. Attach from the outside using 1 (S2) #8 x 1-1/2" Wood Screw per board. (fig. 14.3, 14.4 and 14.5)

Fig. 14.1

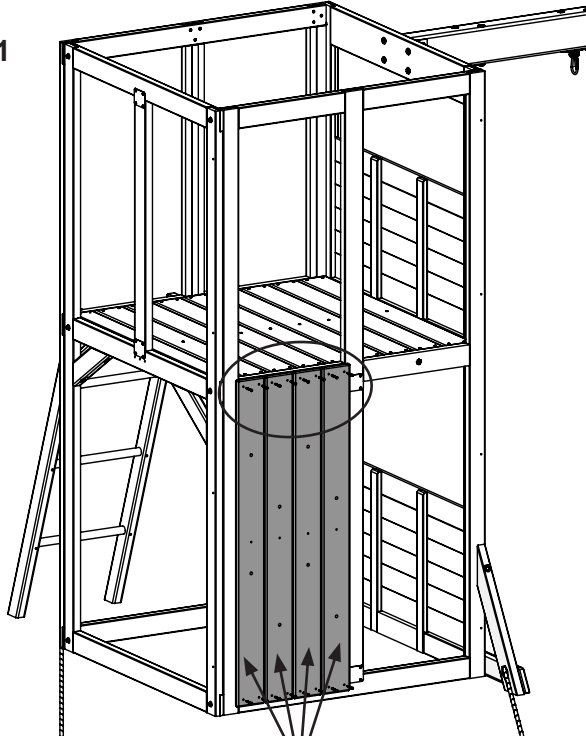


Fig. 14.2

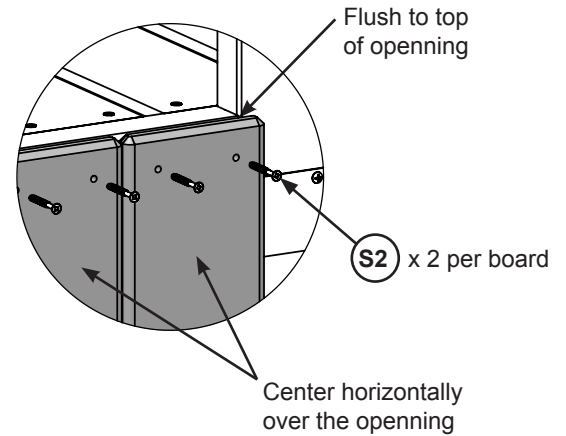


Fig. 14.3
Inside View

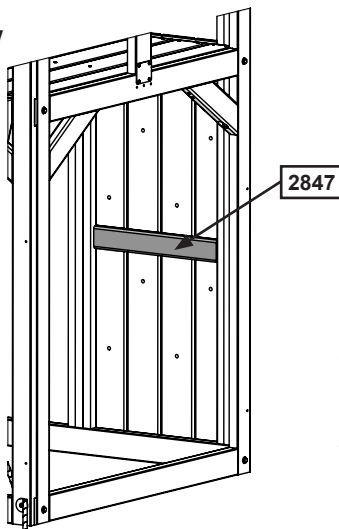
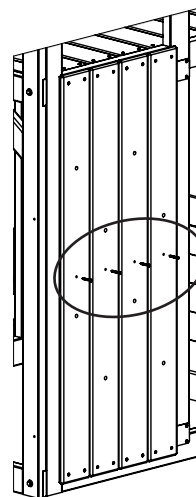
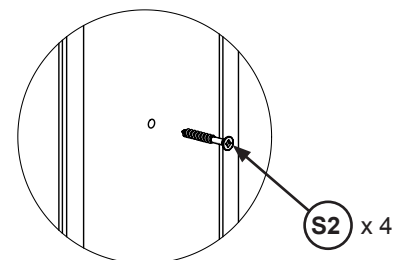


Fig. 14.4
Outside View



One person holds the Rock Support on the inside while it gets screwed from the outside

Fig. 14.5



Wood Parts

4 x Vertical Rock Board 15.9 x 114.3 x 1193.8mm
1 x Rock Support 25.4 x 63.5 x 419.1mm

Hardware

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

Step 14: Vertical Wall Assembly Part 2

C: Alternating shapes, attach 2 rocks to each (2851) Vertical Rock Board using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with 1/4" lock washer, 3/16" flat washer and 1/4" barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 14.6 and 14.7)

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

Fig. 14.6

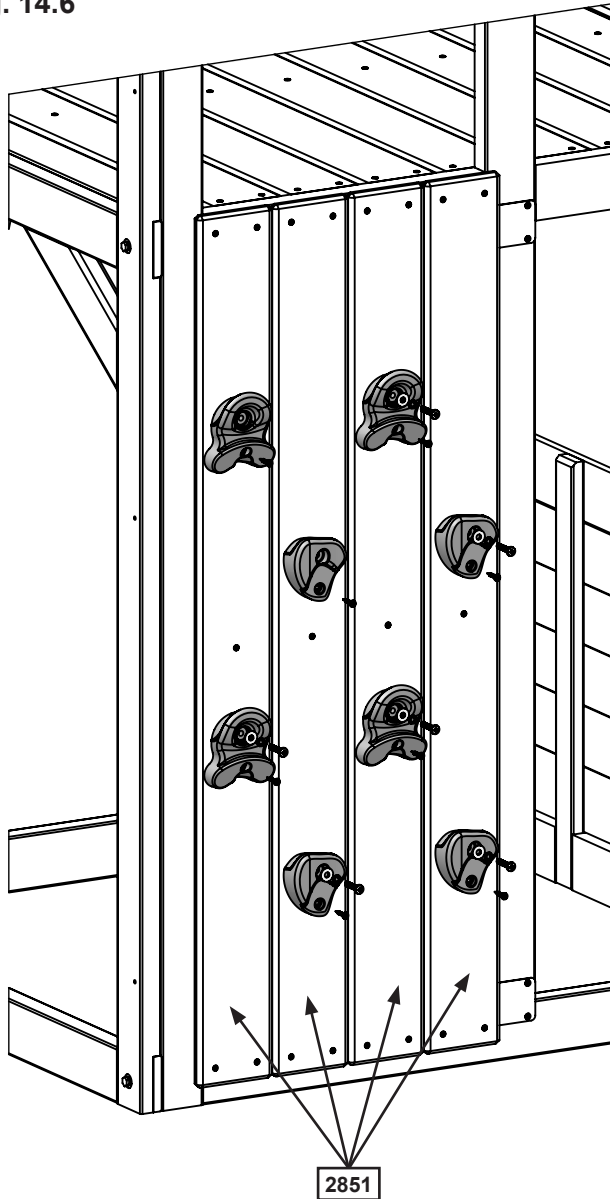
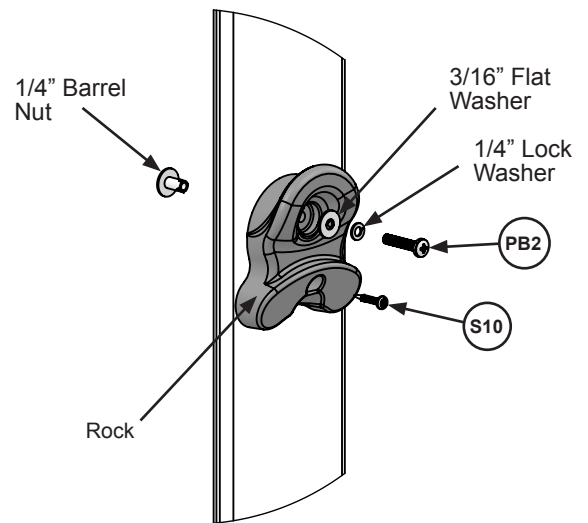


Fig. 14.7



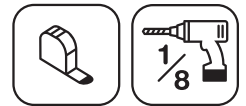
Hardware

- 8 x (S10) #8 x 1" Pan Screw
- 8 x (PB2) 1/4 x 1-1/4" Pan Bolt
(lock washer, flat washer & barrel nut)

Other Parts

- 2 x 4pk Rocks

Step 15: Attach Hand Grips



A: On the (2770) End Post Left measure 2" up from the top of the Vertical Rock Boards and center 1 Hand Grip on the post. Pre-drill with a 1/8" drill bit and attach using 2 (LS1) 1/4 x 1-1/2" Lag Screw (with flat washers). (fig. 15.1 and 15.2)

B: Repeat step A to attach second hand grip to the (2774) Upright.

Fig. 15.2

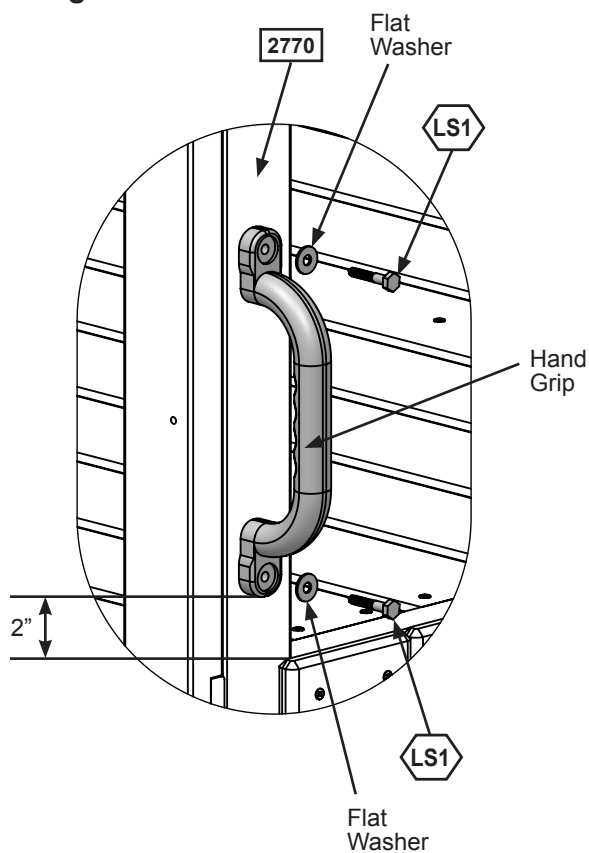
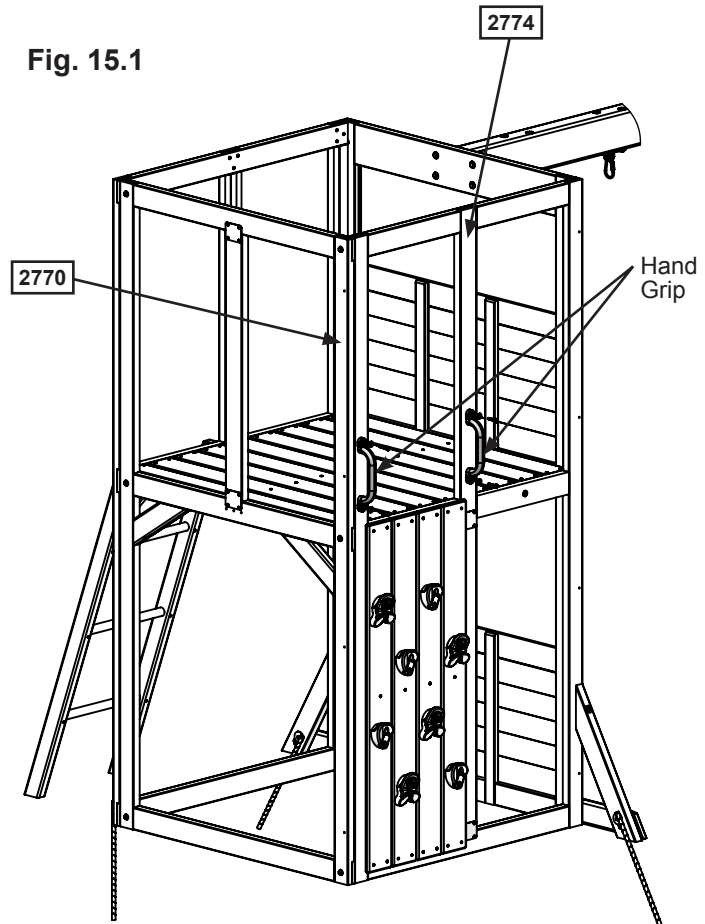



Fig. 15.1



Hardware

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

Other Parts

2 x Hand Grip

Step 16: Attach Slide to Fort



A: Place Slide in the center of the opening on the front right of the fort as shown in fig. 16.1, pre-drill with a 1/8" (3.2 mm) drill bit then attach slide to fort through the (2772) Panel Floor Support using 3 (S7) #12 x 2" Pan Screws. (fig. 16.2 and 16.3)

Fig. 16.1

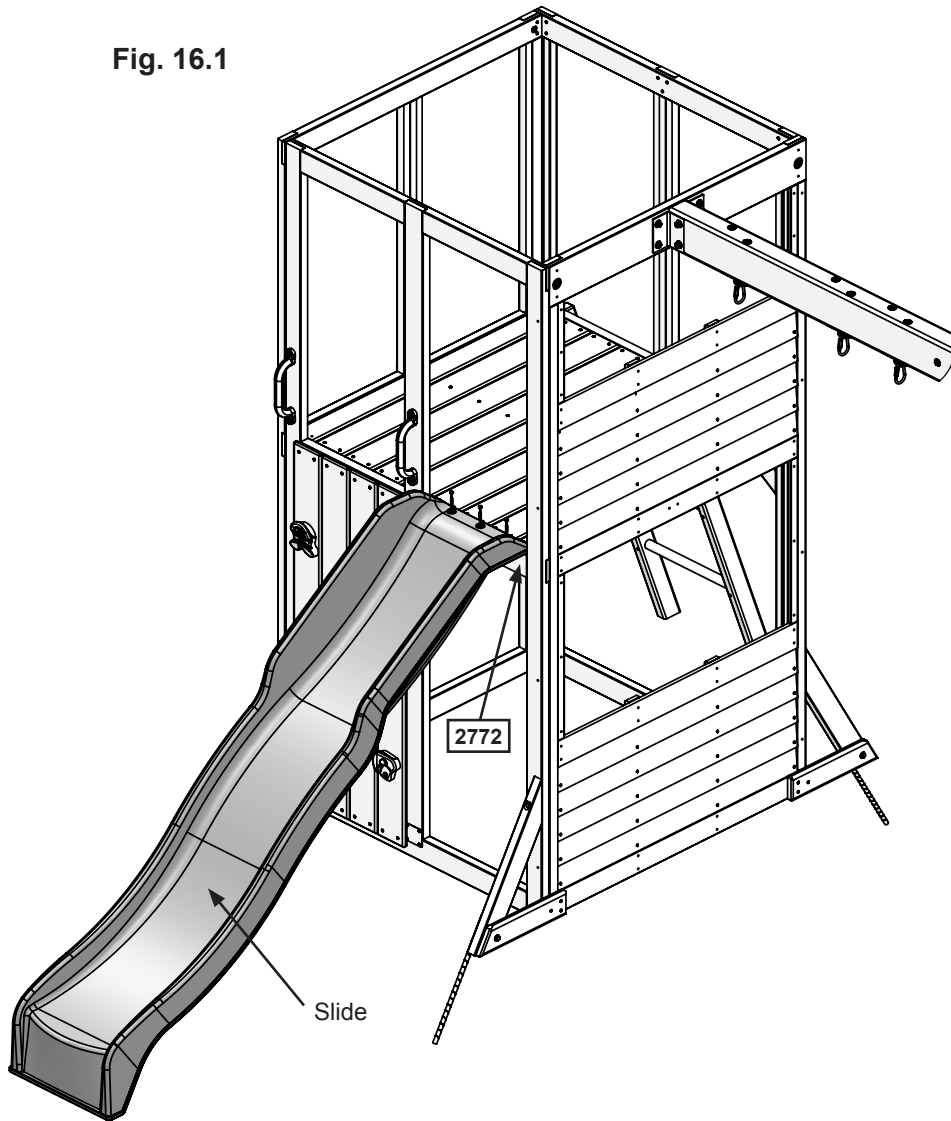


Fig. 16.2

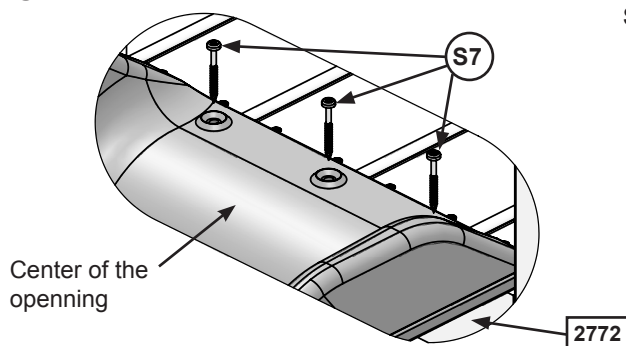
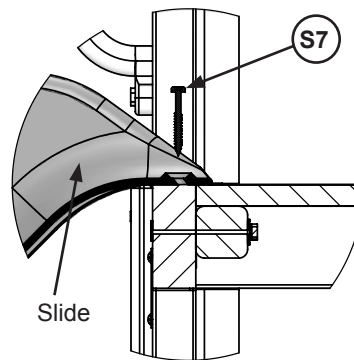


Fig. 16.3
Side View



Hardware

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

Other Parts

1 x Slide

Step 17: Lower Jamb Assembly



See FORT GUIDE INSTRUCTION for Jamb location

A: In the lower opening of the Back or Left Panel place 1 (2601) Lower Jamb so it measures 17" to the inside of each post then attach (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 17.1, 17.2)

Fig. 17.1

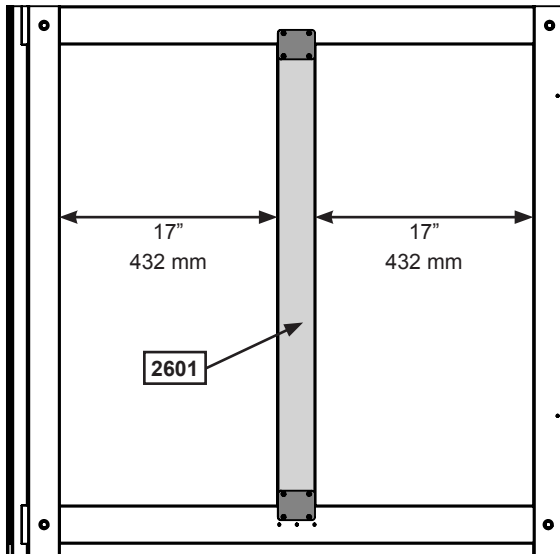
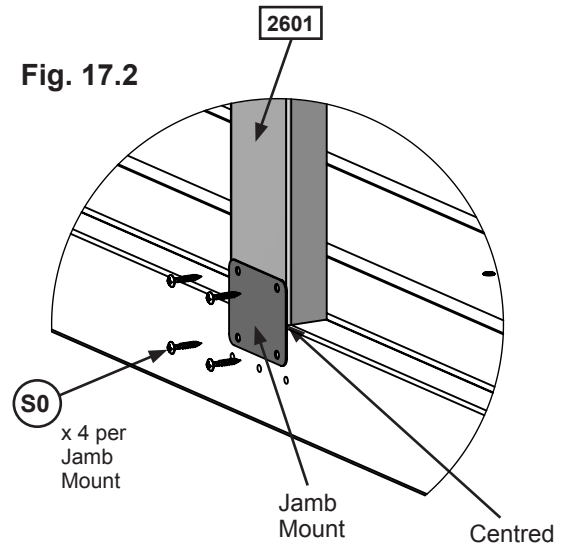


Fig. 17.2



Wood Parts

1 x 2601 Lower Jamb 31.8 x 76.2 x 1065.2 mm

Hardware

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

Other Parts

2 x Jamb Mount

Step 18: Banister Assembly



See **FORT GUIDE INSTRUCTION** for Banister location

A: From inside the fort measure 76.2mms up from the top of the floor boards in the locations shown in your manual. Attach 1 (2844) Horizontal using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1 and 18.2)

B: Measure 381mm up from the top of the (2844) Horizontal installed in Step A and install a second (2844) Horizontal using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 18.1 and 18.2)

C: From inside the assembly evenly space 3 (3840) Ballusters as shown in fig. 9.4 and attach using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 18.4)

Fig. 18.1
Inside View

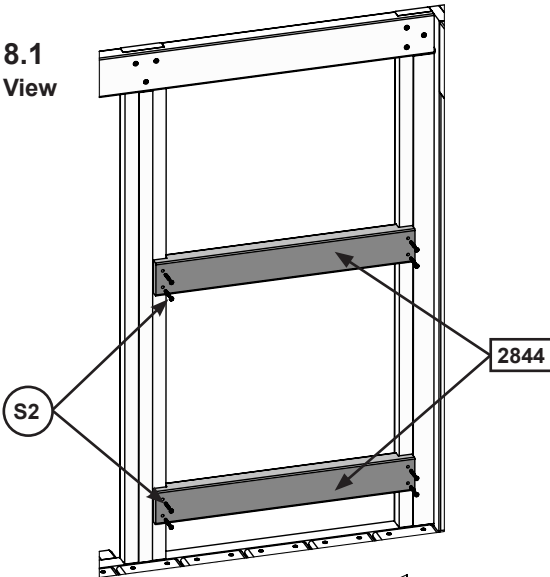


Fig. 18.2
Front View

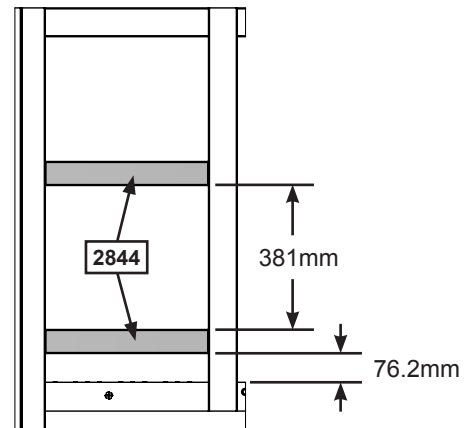


Fig. 18.3
Outside View

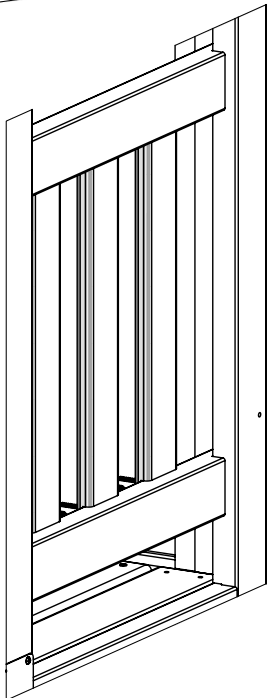
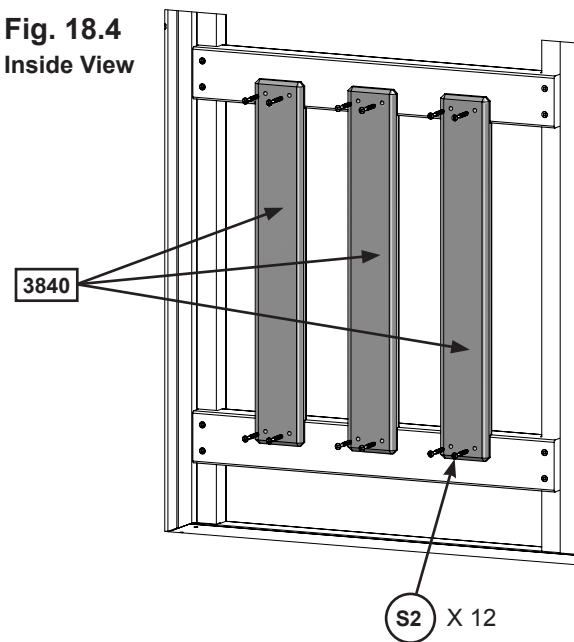


Fig. 18.4
Inside View



Wood Parts

- 4 x Horizontal 31.8 x 63.5 x 479.4mm
- 6 x Ballusters 19.1 x 63.5 x 444.5mm

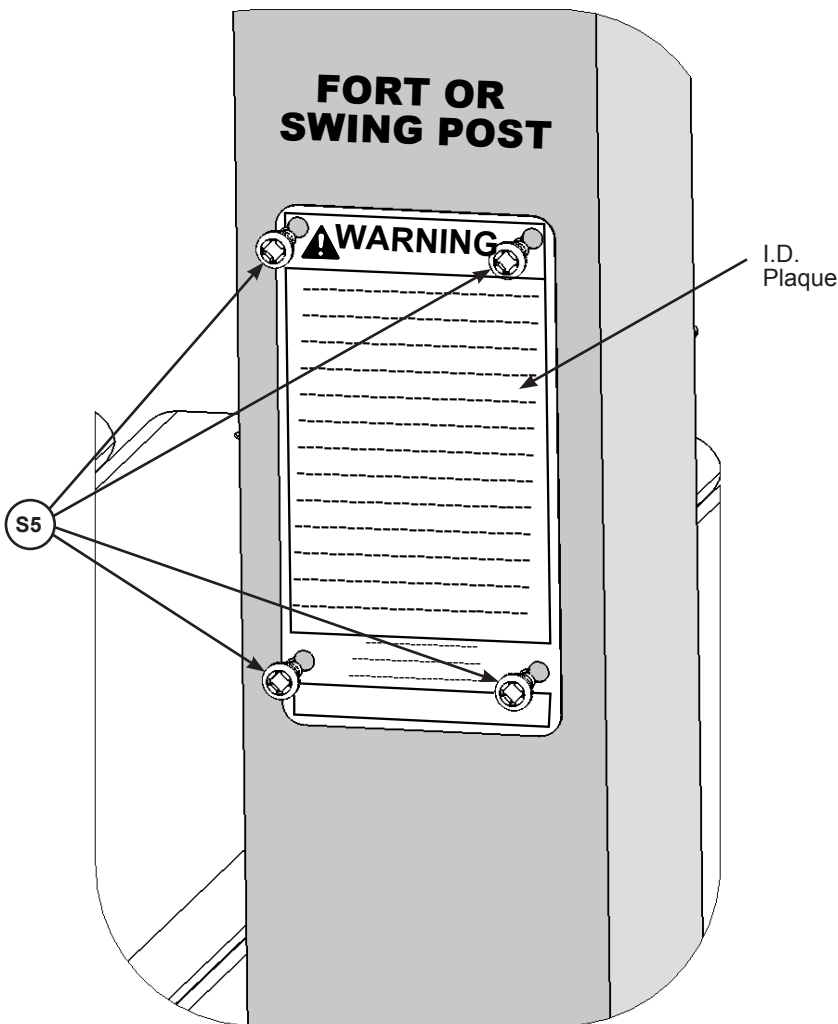
Hardware

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

Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO A PROMINENT LOCATION ON YOUR PLAY EQUIPMENT! (Fort or Swing Post)

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.



Attach with screws provided to a location on your set that is easily seen and read by a supervising adult.



Hardware
4 x (S18) #6 x 1" Wood Screw

Other Parts
1 x I.D. Plaque

BIG BACKYARD Consumer Registration Card

First Name Initial Last Name

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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

<small>MM / DD / YY</small>																							

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
<http://www.bigbackyard.com/register-warranty/>

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

CUT ALONG LINE

