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 - 16' 2" x 17' 4" (4.93 x 5.28 m) area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6' (1.8 m)

CAPACITY - 4 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.
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.

<table>
<thead>
<tr>
<th>WARNING</th>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIOUS HEAD INJURY HAZARD</td>
<td>STRANGLULATION HAZARD</td>
</tr>
<tr>
<td>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.</td>
<td>• 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.</td>
</tr>
<tr>
<td>COLLISION HAZARD</td>
<td>• 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.</td>
</tr>
<tr>
<td>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)</td>
<td>• NEVER allow children to wear bike or sport helmets when using this play-set.</td>
</tr>
<tr>
<td>CHOKING HAZARD/SHARP EDGES &amp; POINTS</td>
<td>Failure to prohibit these items, even helmets with chin straps, increases the risk of serious injury and death to children from entanglement and strangulation.</td>
</tr>
<tr>
<td>Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.</td>
<td>TIP OVER HAZARD</td>
</tr>
<tr>
<td>WARNING LABEL</td>
<td>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.</td>
</tr>
<tr>
<td>Owners shall be responsible for maintaining the legibility of the warning labels.</td>
<td>DO NOT allow children to play on the play-set until the assembly is complete and the unit is properly anchored.</td>
</tr>
</tbody>
</table>

- 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 swing empty rides or seats.
- Do not allow children to go down slide head first or run up slide.
- 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 permit climbing on equipment when it is wet.
- 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 allow children to walk, in front, between, behind or close to moving rides.
- Do not allow children to wear open toe or heel footwear like sandals, flip-flops or clogs.
- Do not allow children to go down slide head first or run up slide.
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 23 cm (9 in) of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 2.45m (8 ft) high; and 23 cm (9 in) of sand or pea gravel for equipment up to 1.5 m (5 ft) high. NOTE: An initial fill level of 31 cm (12 in) will compress to about a 23cm (9 in) 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 23cm (9 in) depth.
- Use a minimum of 16 cm (6 in) of protective surfacing for play equipment less than 1.2m (4 ft) in height. If maintained properly, this should be adequate. (At depths less than 16 cm (6 in), the protective material is too easily displaced or compacted.)
- 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 1.83 m (6 ft) 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 1.83 m (6 ft) in all directions.

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

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

Check the following at the beginning of the play season:

HARDWARE:

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

SHOCK ABSORBING SURFACING:

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

GROUND STAKES (ANCHORS):

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

Check twice a month during play season:

HARDWARE:

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

SHOCK ABSORBING SURFACING:

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

Check once a month during play season:

SWING HANGERS:

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

SWINGS AND RIDES:

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

Check at the end of the play season:

SWINGS AND RIDES:

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

SHOCK ABSORBING SURFACING:

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

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

**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, so we recommend applying a water repellent on a yearly basis (see your local stain and paint supplier for a recommended product). Failure to do so can affect warranty. 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.

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**Selwood Products Limited Warranty**

Selwood Products states that the product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. This one (1) year warranty covers all parts including wood, hardware, and accessories. All wood carries a ten (10) year warranty against rot and decay. Refer to the schedule associated with replacement of parts under this Warranty. In addition, the manufacturer will replace any parts within the first 60 days from date of purchase found to be missing from or damaged in the original packaging. This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to assure maximum life and performance of this product and failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner’s Manual provided by Selwood Products.

This Limited Warranty does not cover:
- Labour for any inspection or Labour for replacement of any defective item(s)
- Incidental or consequential damages
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the Assembly Manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure
- Improper installation including but not limited to installation on uneven, unlevel, or soft ground
- Minor twisting, warping, checking, splitting, or any other natural occurring properties of wood that do not affect performance or integrity.

Selwood Products states that the product has 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. Modification voids any and all warranties and Selwood Products will accept no liability for any modified products or consequences resulting from failure of a modified product. This product is warranted for RESIDENTIAL USE ONLY. Under no circumstance should the product be used in public settings such as schools, churches, playgrounds, parks, daycares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.

Selwood disclaims all other representations and warranties of any kind, expressed or implied.

**Warranty Part Replacement Schedule:**

<table>
<thead>
<tr>
<th>Plastic/Metal/Wood Components: 1 Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-60 days from date from purchase: Free Parts &amp; Free Shipping</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wooden (Wood Rot and Decay Only): 10 Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-60 days from date from purchase: Free Parts &amp; Free Shipping</td>
</tr>
</tbody>
</table>

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.

Complete the registration of your Selwood Product purchase online at: www.selwoodproducts.com/warranty-registration

Please refer to the back of this instruction manual for details on how to register your Selwood Products purchase.
Keys to Assembly Success

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

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

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

Use Help
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!

Check that assembly is square before tightening bolts.

Use a measuring tape to assure proper location.

Check that set or assembly is properly level before proceeding.

Pre-drill 1/8” Bit
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

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

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

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

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

Tools Required

<table>
<thead>
<tr>
<th>Shovel</th>
<th>Measuring Tape</th>
<th>Drill (1/8” 3/16” Bit)</th>
<th>Safety Glasses</th>
<th>Hammer</th>
<th>Ratchet 1/2”, 7/16” &amp; 9/16”</th>
<th>Level</th>
<th>#2 &amp; #3 Phillips or Robertson</th>
<th>Square Ruler</th>
<th>Step Ladder</th>
</tr>
</thead>
</table>

2X 1234 Post 2 x 4 x 83”

Quantity  Key Number  Part Description, Part Size

- **Use Help**
- **Measure Distance**
- **Square Assembly**

- **Level**
- **Pre-drill 1/8” Bit**

- **Tighten Bolts**
- **Use a measuring tape to assure proper location.**
- **Check that assembly is square before tightening bolts.**
- **Check that set or assembly is properly level before proceeding.**
- **Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.**
- **This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.**

- **CAUTION – Protrusion Hazard**
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- **Proper Hardware Assembly**
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### Hardware Length Chart

<table>
<thead>
<tr>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16</td>
<td>1.575</td>
</tr>
<tr>
<td>1/32</td>
<td>3.125</td>
</tr>
<tr>
<td>5/64</td>
<td>4.763</td>
</tr>
<tr>
<td>3/32</td>
<td>6.350</td>
</tr>
<tr>
<td>7/64</td>
<td>7.938</td>
</tr>
<tr>
<td>1/8</td>
<td>9.525</td>
</tr>
<tr>
<td>5/32</td>
<td>11.111</td>
</tr>
<tr>
<td>9/64</td>
<td>12.700</td>
</tr>
<tr>
<td>3/16</td>
<td>14.288</td>
</tr>
<tr>
<td>7/32</td>
<td>15.875</td>
</tr>
<tr>
<td>1/4</td>
<td>19.050</td>
</tr>
<tr>
<td>5/32</td>
<td>19.050</td>
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<tr>
<td>11/64</td>
<td>20.636</td>
</tr>
<tr>
<td>3/8</td>
<td>23.812</td>
</tr>
<tr>
<td>7/32</td>
<td>23.812</td>
</tr>
<tr>
<td>1/2</td>
<td>25.400</td>
</tr>
<tr>
<td>9/32</td>
<td>27.938</td>
</tr>
<tr>
<td>5/16</td>
<td>29.525</td>
</tr>
<tr>
<td>11/64</td>
<td>31.111</td>
</tr>
<tr>
<td>5/32</td>
<td>31.111</td>
</tr>
</tbody>
</table>

### Diameter Conversion

<table>
<thead>
<tr>
<th>Diameter</th>
<th>3/8&quot; (0.38)</th>
<th>1/4&quot; (0.25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16&quot; (.19)</td>
<td>4.763</td>
<td>6.350</td>
</tr>
<tr>
<td>1/8&quot; (.125)</td>
<td>6.350</td>
<td>9.525</td>
</tr>
<tr>
<td>5/32&quot; (.156)</td>
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<td>12.700</td>
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<tr>
<td>3/32&quot; (.188)</td>
<td>12.700</td>
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<td>15.875</td>
<td>19.050</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>19.050</td>
<td>22.222</td>
</tr>
</tbody>
</table>

### Length Conversion

For example:

1 inch = 25.4mm

<table>
<thead>
<tr>
<th>Inch</th>
<th>Millimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25.4mm</td>
</tr>
<tr>
<td>2</td>
<td>48.26mm</td>
</tr>
<tr>
<td>3</td>
<td>76.2mm</td>
</tr>
<tr>
<td>4</td>
<td>101.6mm</td>
</tr>
<tr>
<td>5</td>
<td>127mm</td>
</tr>
<tr>
<td>6</td>
<td>152.4mm</td>
</tr>
</tbody>
</table>

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<tr>
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</tr>
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<td>4</td>
<td>101.6mm</td>
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<tr>
<td>5</td>
<td>127mm</td>
</tr>
<tr>
<td>6</td>
<td>152.4mm</td>
</tr>
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</table>

### Bolt Length Conversion

For example:

1 1/2 inch = 38.1mm

<table>
<thead>
<tr>
<th>Inch</th>
<th>Millimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25.4mm</td>
</tr>
<tr>
<td>2</td>
<td>48.26mm</td>
</tr>
<tr>
<td>3</td>
<td>76.2mm</td>
</tr>
<tr>
<td>4</td>
<td>101.6mm</td>
</tr>
<tr>
<td>5</td>
<td>127mm</td>
</tr>
<tr>
<td>6</td>
<td>152.4mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>Millimeter</th>
</tr>
</thead>
<tbody>
<tr>
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<td>25.4mm</td>
</tr>
<tr>
<td>2</td>
<td>48.26mm</td>
</tr>
<tr>
<td>3</td>
<td>76.2mm</td>
</tr>
<tr>
<td>4</td>
<td>101.6mm</td>
</tr>
<tr>
<td>5</td>
<td>127mm</td>
</tr>
<tr>
<td>6</td>
<td>152.4mm</td>
</tr>
</tbody>
</table>

### Bolt Diameter Conversion

For example:

5/32" (.156) = 1.905mm

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Millimeter</th>
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<tbody>
<tr>
<td>3/32&quot; (.094)</td>
<td>2.381mm</td>
</tr>
<tr>
<td>1/8&quot; (.125)</td>
<td>3.175mm</td>
</tr>
<tr>
<td>5/32&quot; (.156)</td>
<td>4.064mm</td>
</tr>
<tr>
<td>3/32&quot; (.188)</td>
<td>5.842mm</td>
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<tr>
<td>5/32&quot; (.197)</td>
<td>7.047mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>9.017mm</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>10.16mm</td>
</tr>
</tbody>
</table>

### T-Nut Conversion

For example:

1/4" (.250) = 6mm

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Millimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; (.250)</td>
<td>6.350mm</td>
</tr>
<tr>
<td>5/32&quot; (.156)</td>
<td>1.905mm</td>
</tr>
<tr>
<td>3/32&quot; (.094)</td>
<td>0.762mm</td>
</tr>
<tr>
<td>1/8&quot; (.125)</td>
<td>3.175mm</td>
</tr>
<tr>
<td>5/32&quot; (.197)</td>
<td>4.993mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>5.969mm</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>8.128mm</td>
</tr>
</tbody>
</table>

### Lag Screw Conversion

For example:

3/8" (.38) = 101.6mm

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Millimeter</th>
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<tbody>
<tr>
<td>3/8&quot; (.38)</td>
<td>9.525mm</td>
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</tr>
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<tr>
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<tr>
<td>7/64&quot; (.222)</td>
<td>4.993mm</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>8.128mm</td>
</tr>
</tbody>
</table>

### Hex Bolt Conversion

For example:

5/16" (.156) = 12.7mm

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Millimeter</th>
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<tbody>
<tr>
<td>5/16&quot; (.156)</td>
<td>8.573mm</td>
</tr>
<tr>
<td>3/32&quot; (.094)</td>
<td>2.381mm</td>
</tr>
<tr>
<td>1/8&quot; (.125)</td>
<td>3.175mm</td>
</tr>
<tr>
<td>5/32&quot; (.156)</td>
<td>4.993mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>5.969mm</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>8.128mm</td>
</tr>
<tr>
<td>5/32&quot; (.197)</td>
<td>4.763mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>5.969mm</td>
</tr>
</tbody>
</table>

### Flat Washer Conversion

For example:

1/4" (.250) = 6mm

<table>
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<th>Diameter</th>
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<tbody>
<tr>
<td>1/4&quot; (.250)</td>
<td>6.350mm</td>
</tr>
<tr>
<td>5/32&quot; (.156)</td>
<td>1.905mm</td>
</tr>
<tr>
<td>3/32&quot; (.094)</td>
<td>0.762mm</td>
</tr>
<tr>
<td>1/8&quot; (.125)</td>
<td>3.175mm</td>
</tr>
<tr>
<td>5/32&quot; (.197)</td>
<td>4.993mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>4.993mm</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>8.128mm</td>
</tr>
<tr>
<td>5/32&quot; (.197)</td>
<td>4.763mm</td>
</tr>
<tr>
<td>7/64&quot; (.222)</td>
<td>4.993mm</td>
</tr>
</tbody>
</table>
LENGTH CONVERSION

For example:

1 inch = 25.4 mm

59.25 inches x 25.4 mm = 1505 mm

BOARD LENGTH 59¼ (59.25) inches

DIMENSIONS IN BRACKETS.

Dimensions in brackets [mm] represent millimetres.

2 x 6
1 1/2
38.1
114.3
5/8
15.9
1 3/8
34.9

2 x 4
2 1/2
63.5
25.4
1

2 x 3
2 1/2
63.5
25.4
1

2 x 2
1
25.4
1

1/2 x 4
1 1/4
31.4
82.6
3 1/4

1 x 6
5/8
15.9
1

1 x 5
4 1/2
114.3
5/8
15.9

1 x 4
3 3/8
85.7
5/8
15.9

1 x 3
2 3/8
63.5
5/8
15.9

1 x 2
1 3/8
34.9
5/8
15.9

1/2 x 4
1 1/4
31.4
82.6
5/8
15.9

SOLOWAVE DESIGN WOOD PROFILES
<table>
<thead>
<tr>
<th>Part Identification (Reduced Part Size)</th>
<th>Nominal Size</th>
<th>Actual Size</th>
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</thead>
<tbody>
<tr>
<td>(2) CE Gap Board 1 x 6 x 23-1/2&quot;</td>
<td>2&quot; x 6&quot;</td>
<td>1½&quot; x 5¾&quot;</td>
</tr>
<tr>
<td>Part Identification</td>
<td>2&quot; x 4&quot;</td>
<td>1¾&quot; x 3¾&quot;</td>
</tr>
<tr>
<td>(1) CE Access Board 1 x 6 x 17&quot;</td>
<td>2&quot; x 3&quot;</td>
<td>1½&quot; x 2½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>1&quot; x 3½&quot;</td>
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<tr>
<td>(1) Center Board 1 x 6 x 23-1/2&quot;</td>
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<td>1&quot; x 4¾&quot;</td>
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<tr>
<td>Part Identification</td>
<td>5/4&quot; x 6&quot;</td>
<td>1&quot; x 5½&quot;</td>
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<tr>
<td>(1) Gusset 2 x 3 x 16&quot;</td>
<td>1&quot; x 6&quot;</td>
<td>¾&quot; x 5¾&quot;</td>
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<tr>
<td>Part Identification</td>
<td>1&quot; x 5&quot;</td>
<td>¾&quot; x 4¾&quot;</td>
</tr>
<tr>
<td>(2) SW Floor 1 x 6 x 26-7/8&quot;</td>
<td>1&quot; x 4&quot;</td>
<td>¾&quot; x 3¾&quot;</td>
</tr>
<tr>
<td>Part Identification</td>
<td>1/2&quot; x 4&quot;</td>
<td>7/16&quot; x 3¾&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Identification</th>
<th>Nominal Size</th>
<th>Actual Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) CE Gap Board 1 x 4 x 38-3/4&quot;</td>
<td>1½&quot; x 5&quot;</td>
<td>⅜&quot; x 3&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅜&quot; x 3&quot;</td>
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<tr>
<td>(1) Side Joist 2 x 2 x 34-3/4&quot;</td>
<td>1&quot; x 4½&quot;</td>
<td>⅝&quot; x 3&quot;</td>
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<tr>
<td>Part Identification</td>
<td>1&quot; x 5½&quot;</td>
<td>⅝&quot; x 4½&quot;</td>
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<tr>
<td>(1) Floor Front 2 x 3 x 38-1/2&quot;</td>
<td>⅝&quot; x 3¼&quot;</td>
<td>7/16&quot; x 3¼&quot;</td>
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<tr>
<td>Part Identification</td>
<td>⅝&quot; x 3½&quot;</td>
<td>7/16&quot; x 3¾&quot;</td>
</tr>
<tr>
<td>(1) Lower Front 1 x 6 x 39-3/4&quot;</td>
<td>⅝&quot; x 4½&quot;</td>
<td>7/16&quot; x 4½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>1&quot; x 6&quot;</td>
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<tr>
<td>(1) SI Spacer 2 x 3 x 17-5/8&quot;</td>
<td>1&quot; x 5½&quot;</td>
<td>⅝&quot; x 5½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅝&quot; x 6½&quot;</td>
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<tr>
<td>(1) Front Top 1 x 4 x 38-1/2&quot;</td>
<td>7/16&quot; x 5½&quot;</td>
<td>⅝&quot; x 6½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅝&quot; x 6&quot;</td>
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<tr>
<td>(2) Lower Side 1 x 5 x 62-3/8&quot;</td>
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<td>⅝&quot; x 7½&quot;</td>
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<tr>
<td>(1) Top Back 1 x 5 x 38-1/2&quot;</td>
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<td>⅝&quot; x 9½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅝&quot; x 10½&quot;</td>
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<tr>
<td>(1) Lower Back 1 x 6 x 39-3/4&quot;</td>
<td>⅝&quot; x 10½&quot;</td>
<td>⅝&quot; x 11½&quot;</td>
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<tr>
<td>Part Identification</td>
<td>⅝&quot; x 11½&quot;</td>
<td>⅝&quot; x 12½&quot;</td>
</tr>
<tr>
<td>Floor Back 1 x 6 x 38-3/4&quot;</td>
<td>⅝&quot; x 12½&quot;</td>
<td>⅝&quot; x 13½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅝&quot; x 14½&quot;</td>
</tr>
<tr>
<td>Ridge 2 x 2 x 46-1/2&quot;</td>
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<td>⅝&quot; x 15½&quot;</td>
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<tr>
<td>Part Identification</td>
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<td>⅝&quot; x 16½&quot;</td>
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<tr>
<td>Top End 1 x 4 x 46-1/2&quot;</td>
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<td>⅝&quot; x 17½&quot;</td>
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Part Identification:
- 3631774
- 3631776
- 3630839
- 3631829
- 3631777
- 3631779
- 3632625
- 3641474
- 3641761
- 3641764
- 3641767
- 3641782
- 3641792
- 3641795
- 3641796
- 3631778
- 3631780
- 3640312
- 3640369
- 3642448
- 3641763
- 3641792
- 3641796
- 3642449
- 3642463
- 3641900
# Part Identification (Reduced Part Size)

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<th>Description</th>
<th>Part Number</th>
<th>Dimensions</th>
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<tr>
<td>(2) Side Top 1 x 4 x 51-1/2&quot;</td>
<td>2445</td>
<td>1&quot; x 4&quot; x 51-1/2&quot;</td>
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<tr>
<td>(1) Tarp Support 2 x 2 x 53-1/8&quot;</td>
<td>2451</td>
<td>2&quot; x 2&quot; x 53-1/8&quot;</td>
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<tr>
<td>(1) SW Mount 2 x 4 x 53-3/4&quot;</td>
<td>2447</td>
<td>2&quot; x 4&quot; x 53-3/4&quot;</td>
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<tr>
<td>(1) SW Mount 2 x 4 x 35&quot;</td>
<td>2446</td>
<td>2&quot; x 4&quot; x 35&quot;</td>
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<tr>
<td>(3) Ground Stake 1-1/4 x 1-1/2 x 14&quot;</td>
<td>0318</td>
<td>1-1/4&quot; x 1-1/2&quot; x 14&quot;</td>
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<td>(1) SW Spacer 1 x 2 x 6</td>
<td>2467</td>
<td>1&quot; x 2&quot; x 6</td>
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<tr>
<td>(2) Bench Gusset 2 x 2 x 11&quot;</td>
<td>2828</td>
<td>2&quot; x 2&quot; x 11&quot;</td>
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<tr>
<td>(2) Bench Brace 2 x 6 x 8-5/8&quot;</td>
<td>2827</td>
<td>2&quot; x 6&quot; x 8-5/8&quot;</td>
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<td>(2) Bench Top 5/4 x 4 x 26-7/8&quot;</td>
<td>2826</td>
<td>5/4&quot; x 4&quot; x 26-7/8&quot;</td>
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### Nominal vs Actual Size

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<th>Nominal Size</th>
<th>Actual Size</th>
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<tbody>
<tr>
<td>2&quot; x 4&quot;</td>
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<tr>
<td>2&quot; x 3&quot;</td>
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<td>2&quot; x 2&quot;</td>
<td>1 ½&quot; x 1 ⅝&quot;</td>
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<tr>
<td>5/4&quot; x 4&quot;</td>
<td>1&quot; x 3 ⅝&quot;</td>
</tr>
<tr>
<td>5/4&quot; x 5&quot;</td>
<td>1&quot; x 4 ⅛&quot;</td>
</tr>
<tr>
<td>1&quot; x 5&quot;</td>
<td>¾&quot; x 4 ½&quot;</td>
</tr>
<tr>
<td>1&quot; x 4&quot;</td>
<td>¾&quot; x 3 ¾&quot;</td>
</tr>
</tbody>
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---

1X 3750703 Canopy

1X 9750111 Chalk Wall Tarp

1X 3320385 Rocks (5pk) 3-Green 2-Yellow

1X 3320356 Big Backyard ID Plaque w/ hardware
HARDWARE ID (Actual Size)

- **S5**: (42) Pan Screw #8 x 1/2" (9264504)
- **S1**: (16) Wood Screw #8 x 1-1/8" (9260514)
- **S2**: (81) Wood Screw #8 x 1-1/2" (9260512)
- **S15**: (18) Wood Screw #8 x 1-3/4" (9260513)
- **S3**: (24) Wood Screw #8 x 2-1/2" (9260522)
- **S4**: (9) Wood Screw #8 x 3" (9260530)
- **S7**: (15) Pan Screw #12 x 2" (9264620)
- **LS3**: (2) Lag Screw 1/4 x 3" - 1/4" Flat Washer
- **S10**: (5) Pan Screw #8 x 1" (9264510)
- **S15**: (17) 3/16" Flat Washer (9251100)
- **S10**: (41) 1/4" Lock Washer (9253200)
- **S10**: (2) 5/16" Lock Washer (9253300)
- **S10**: (30) #8 Flat Washer (9251500)
- **S10**: (2) 5/16" Flat Washer (9251300)
- **S10**: (38) 1/4" Flat Washer (9251200)
- **S10**: (2) 1/4" T-Nut (9285300)
- **S10**: (36) 1/4" Lock Washer (9260520)
- **S10**: (30) #8 Flat Washer (9251500)

1 - #2 Robertson Driver (9200014)
1 - (9pk) Hole Plug (3799949)
1 - (4 pk) Corner Brace (3201103)
1 - 1-4" Barrel Nut (9285300)
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. Contact us before going back to the retailer.

www.selwoodproducts.com
and select the Parts Centre

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 Big Backyard ID Plaque (3320356).
   • Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F24021E

| 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: Cafe Side Wall Assembly

A: Loosely attach (1792) Lower Side and (2448) SW Floor with 4 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) per board; and (2445) Side Top using 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) to 2 (2469) Posts as shown in fig. 2.1. Notice the hole locations in (2448) SW Floor and (2445) Side Top must be 9” from the (2469) Post shown in fig. 2.1.

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

B: Make sure assembly is square and then loosely attach (0369) Lower Diagonal to (1792) Lower Side on the one side shown in fig. 2.1 with 1 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut), then fasten (0369) Lower Diagonal to (2469) Post using 1 (LS3) 1/4 x 3” Lag Screws (with flat washer). (fig. 2.1)

C: Tighten all bolts.

D: Fasten (2445) Side Top to both (2469) Posts using 2 (S2) #8 x 1-1/2” Wood Screws.
Step 3: Swing Side Wall Assembly

A: Loosely attach (1792) Lower Side and (2448) SW Floor with 4 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) per board; and (2445) Side Top using 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) to 2 (2469) Posts as shown in fig. 3.1. Notice the hole locations in (2448) SW Floor and (2445) Side Top must be 9” from the (2469) Post shown in fig. 3.1.

Note: Pre-drill all holes using a 1/8” drill bit before installing the Lag Screws.

B: Make sure assembly is square and then loosely attach (0369) Lower Diagonal to (1792) Lower Side on the one side shown in fig. 3.1, with 1 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut), notice this is the opposite side from Step 2. Fasten (0369) Lower Diagonal to (2469) Post using 1 (LS3) 1/4 x 3” Lag Screws (with flat washer). (fig. 3.1)

C: Tighten all bolts.

D: Fasten (2445) Side Top to both (2469) Posts using 2 (S2) #8 x 1-1/2” Wood Screws. (fig. 3.1)

Fig. 3.1

<table>
<thead>
<tr>
<th>Wood Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2449</td>
<td>11 x H2 1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)</td>
</tr>
<tr>
<td>1 x 2445</td>
<td>1 x LS3 1/4 x 3” Lag Screw (1/4” flat washer)</td>
</tr>
<tr>
<td>1 x 2448</td>
<td></td>
</tr>
<tr>
<td>1 x 1792</td>
<td></td>
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<tr>
<td>1 x 0369</td>
<td>2 x S2 #8 x 1-1/2” Wood Screw</td>
</tr>
<tr>
<td>2469</td>
<td></td>
</tr>
<tr>
<td>1/4” Flat Washer</td>
<td></td>
</tr>
<tr>
<td>1/4” T-Nut</td>
<td></td>
</tr>
</tbody>
</table>
Step 4: Fort Frame Assembly
Part 1

A: On the front of the assembly, side without the (0369) Lower Diagonals, loosely attach (1764) Floor Front to both (2469) Posts, noticing the bolt holes are towards the bottom of the board, with 2 (H6) 1/4 x 4-3/4” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1 and 4.2)

B: On the back of the assembly loosely attach (2463) Floor Back to both (2469) Posts, noticing the pilot holes are towards the top of the board, with 2 (H4) 1/4 x 4” Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes. (fig. 4.1 and 4.2)
C: From inside the assembly attach (1761) Side Joist to (2463) Floor Back with 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the outside holes, as shown in fig. 4.3 and 4.4.
Step 5: Attach Chalk Wall Tarp to Fort
Part 1

A: On the back of the assembly, from the inside, tuck Chalk Wall Tarp between (2463) Floor Back and both (2469) Posts. Align Chalk Wall Tarp to edge of both (2469) Posts and place just below second hole from the top of the posts. (fig. 5.1)

B: Measure 4” down from the top of each (2469) Post then make sure Chalk Wall Tarp is smooth and tight and attach to the outside of each (2469) Post, 1/2” in from the edge of the tarp, with 4 evenly spaced (S5) #8 x 1/2” Pan Screws (with #8 flat washer) per post. (fig. 5.1 and 5.2)

C: Make sure assembly is square then tighten bolts in (2463) Floor Back and (1764) Floor Front.

D: Attach (2463) Floor Back to both (2469) Posts and (1761) Side Joist with 4 (S7) #12 x 2” Pan Screws (with 3/16” flat washer) as shown in fig. 5.1 and 5.2.
Step 5: Attach Chalk Wall Tarp to Fort
Part 2

E: On the outside of the Chalk Wall Tarp attach (1795) Top Back to each (2469) Post with 2 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) in the top holes and 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washer) in the bottom holes. (fig. 5.3)

F: Centre (0839) CE Gap Board between top of (2463) Floor Back and bottom of the (1795) Top Back then attach to both (2469) Posts with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 5.3)
Step 5: Attach Chalk Wall Tarp to Fort
Part 3

G: From inside the assembly attach Chalk Wall Tarp to (1795) Top Back, 1/2" in from the edge of the tarp, with 4 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 5.4)

H: Measure 1” up from (1761) Side Joist then attach Chalk Wall Tarp to (2463) Floor Back with 4 evenly spaced (S5) #8 x 1/2” Pan Screws (with #8 flat washer). (fig. 5.4)

Fig. 5.4

<table>
<thead>
<tr>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 x S5  #8 x 1/2” Pan Screw (#8 flat washer)</td>
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</table>
A: On the front of the assembly, on the inside flush to the tops of both (2469) Posts, attach (2829) Front Top with 2 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) in the top holes and 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washer) in the bottom holes as shown in fig. 6.1.

Fig. 6.1

Wood Parts
1 x 2829 Front Top 1 x 4 x 38-1/2"

Hardware
2 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
2 x S7 #12 x 2" Pan Screw (3/16" flat washer)
Step 7: Attach Lower Back to Fort

A: Place (2449) Lower Back flush to the bottom of each (0369) Lower Diagonal so the ends are flush with the outside face of each (1792) Lower Side, then attach with 4 (S7) #12 x 2” Pan Screws (with 3/16” flat washer). (fig. 7.1 and 7.2)
Step 8: Attach Centre Divider to Fort

A: With the notched end at the bottom and tight to (1764) Floor Front attach (1747) Centre Divider to (2829) Front Top with 1 (H12) 1/4 x 3” Hex Bolt (with lock washer, flat washer and t-nut) installed from the outside of the assembly and to (1764) Floor Front with 1 (H13) 1/4 x 3-1/2” Hex Bolt (with lock washer, flat washer and t-nut) installed from the inside of the assembly, as shown in fig. 8.1 and 8.2.
Step 9: Rock Wall Frame Assembly

A: Attach (1766) Corner Block flush to the bottom and side of 1 (2470) Rock Rail with 2 (S4) #8 x 3” Wood Screws, as shown in fig. 9.1. Notice which direction the angled edge of (2470) Rock Rail faces.

B: Place Rock Rail Assembly, from Step 9A 5/8” above (1764) Floor Front and tight to (2469) Post on the Cafe Side. (fig. 9.3 and 9.4). Attach (2470) Rock Rail to (1764) Floor Front with 2 (S15) #8 x 1-3/4” Wood Screws as shown in fig. 9.2 and 9.3.

C: Attach (1792) Lower Side to (1766) Corner Block with 2 (S2) #8 x 1-1/2” Wood Screws. (fig. 9.2)

D: Attach a second (2470) Rock Rail 5/8” above (1764) Floor Front, flush to the inside edge of (1747) Centre Divider with 2 (S15) #8 x 1-3/4” Wood Screws as shown in fig. 9.2 and 9.3. Maintain 17” from outside of (2470) Rock Rails, top and bottom. (fig. 9.4)

E: Place a second (1766) Corner Block flush to the end of (1792) Lower Side on the Swing Side and attach with 2 (S2) #8 x 1-1/2” Wood Screws as shown in fig. 9.2 and 9.5.

F: Attach (1767) Lower Front to both (2470) Rock Rails and (1766) Corner Block on the Swing Side with 6 (S15) #8 x 1-3/4” Wood Screws. (fig. 9.2)
Step 10: Attach Gusset to Fort

A: Make sure the assembly is square before proceeding.

B: From the inside of the assembly, attach (0312) Gusset flush to the outside edge of (2469) Post on the Swing Wall using 2 (S4) #8 x 3” Wood Screws. The other end of the gusset should be tight against (1764) Floor Front. (fig. 10.1 and 10.2)

C: Attach the other end of (0312) Gusset to (1761) Side Joist with 2 (S4) #8 x 3” Wood Screws. (fig. 10.1 and 10.2)
Step 11: Rock Wall Assembly

A: Attach (1779) CE Access Board flush to the top and outside edges of each (2470) Rock Rail with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 11.1 and 11.2)

B: Below (1779) CE Access Board stagger 3 (1777) CE Rock Board B and 2 (1778) CE Rock Board A, making sure they are evenly spaced with a minimum 2-1/4" and maximum 2-3/4" gap. The sides are flush to the outside edges of each (2470) Rock Rail. Attach using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 11.1 and 11.2)

Place the CE Rock Boards as you desire, but watch the hole placement to prevent rocks from forming a straight line.

Note: Gaps between boards 2-1/4”, not to exceed 2-3/4”

Note: The holes in the rock boards must orient to the top of the boards.

Wood Parts

| 1 x 1779 | CE Access Board 1 x 6 x 17” |
| 3 x 1777 | CE Rock Board B 1 x 6 x 17” |
| 2 x 1778 | CE Rock Board A 1 x 6 x 17” |

Hardware

| 24 x S2 | #8 x 1-1/2” Wood Screw |
Step 12: Attach Rocks to Rock Board

A: Place 1 rock on each (1777) and (1778) CE Rock Board A & B (fig. 12.1 and 12.2) 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 rocks can be attached in any order. (fig. 12.2)

The screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 12.2)

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

Fig. 12.1

Fig. 12.2

Hardware

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

Other Parts

5 x Rocks (Green/Yellow)
**Step 13: Floor Assembly**

**Part 1**

**A:** From inside of the assembly, measure 3-1/8” down from the top of each (2448) SW Floor then attach (1763) Floor Joist to each board with 1 (S3) #8 x 2-1/2” Wood Screw per end. (fig. 13.1 and 13.2)

**B:** Tight to both (2448) SW Walls install 1 (1774) CE Gap Board to each end of the assembly attaching to (1764) Floor Front, (1761) Side Joist and (1763) Floor Joist using 5 (S2) #8 x 1-1/2” Wood Screws per board. Make sure the boards are tight to (2463) Floor Back. (fig. 13.1 and 13.2)

**C:** Install (1780) Center Board to (1764) Floor Front, (1761) Side Joist and (1763) Floor Joist using 5 (S2) #8 x 1-1/2” Wood Screws. Make sure the board is tight to (2463) Floor Back and the gap fits around (1747) Centre Divider. (fig. 13.1 and 13.2)

---

**Wood Parts**
- 1 x 1764 Floor Joist 5/4 x 2 x 38-1/2”
- 1 x 1760 Centre Board 1 x 6 x 23-1/2”
- 2 x 1774 CE Gap Board 1 x 6 x 23-1/2”

**Hardware**
- 15 x #8 x 1-1/2” Wood Screw
- 2 x #8 x 2-1/2” Wood Screw
**Step 13: Floor Assembly**

**Part 2**

**D:** In between (1774) CE Gap Boards and (1780) Center Board place 4 (1776) Floor Boards making sure all boards are evenly spaced. Attach to (1764) Floor Front, (1761) Side Joist and (1763) Floor Joist using 5 (S2) #8 x 1-1/2” Wood Screws per board. (fig. 13.3)

![Fig. 13.3](image-url)

<table>
<thead>
<tr>
<th>Wood Parts</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 1774 Floor Board 1 x 6 x 23-1/2”</td>
<td>20 x S2 #8 x 1-1/2” Wood Screw</td>
</tr>
</tbody>
</table>
Step 14: Attach Roof Supports to Fort

A: From inside the assembly, on the Cafe Side, attach (2451) Tarp Support to (2445) Side Top and (2448) SW Floor with 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut). The support should be tight to the floor boards. (fig 14.1)

B: From outside the assembly, on the Swing Side, attach (2447) SW Mount to (2445) Side Top and (2448) SW Floor with 2 (G4) 5/16 x 4” Hex Bolt (with lock washer, flat washer and t-nut). Bolts are to be installed from inside the assembly. (fig. 14.1)
Step 15: Attach SL Spacer to Fort

**A:** On the Front of the assembly, tight to (1779) CE Access Board and flush to the top of the floor boards, attach (1782) SL Spacer to (1761) Side Joist with 4 (S3) #8 x 2-1/2” Wood Screws. (fig 15.1 and 15.2)

---

**Wood Parts**
- 1 x 1782 SL Spacer 2 x 3 x 17-5/8”

**Hardware**
- 4 x S3 #8 x 2-1/2” Wood Screw
Step 16: Attach Wall Boards to Fort

A: On the Cafe Side centre 1 (1829) Cedar Wall between (2451) Tarp Support and (2469) Post on the Back side and attach to (2445) Side Top and (2448) SW Floor with 4 (S1) #8 x 1-1/8” Wood Screws. (fig 16.1)

B: On the Cafe Side centre 1 (5265) Cedar Wall between (2451) Tarp Support and (2469) Post on the Front side and attach to (2445) Side Top and (2448) SW Floor with 4 (S1) #8 x 1-1/8” Wood Screws. (fig 16.1)

C: On the Swing Side centre 1 (1829) Cedar Wall between (2447) SW Mount and (2469) Post on the Back side and attach to (2445) Side Top and (2448) SW Floor with 4 (S1) #8 x 1-1/8” Wood Screws. (fig 16.1)

D: On the Swing Side centre 1 (5265) Cedar Wall between (2447) SW Mount and (2469) Post on the Front side and attach to (2445) Side Top and (2448) SW Floor with 4 (S1) #8 x 1-1/8” Wood Screws. (fig 16.1)

---

Wood Parts
2 x 2429 Cedar Wall 1 x 5 x 28”
2 x 2425 Cedar Wall 1 x 4 x 28”

Hardware
16 x S1 #8 x 1-1/8” Wood Screw
Step 17: Roof Frame Assembly

A: Pre-drill pilot holes for the screws using a 1/8” drill bit, centred on the ends of each (2445) Side Top, then attach (1796) Top Ends to each (2445) Side Top with 4 (S2) #8 x 1-1/2” Wood Screws per board. Make sure the top of (1796) Top Ends are flush to the tops of each of (2445) Side Top. (fig. 17.1)

B: At all 4 corners attach 1 Corner Brace using 3 (S5) #8 x 1/2” Pan Screw per brace as shown in fig.17.1 and 17.2.

C: Attach (1900) Ridge flush to the end of (2447) SW Mount with 2 (S4) #8 x 3” Wood Screws and to (2451) Tarp Support with 1 (S4) #8 x 3” Wood Screws as shown in fig. 17.1.

---

### Wood Parts
- 2 x 1796 Top End 1 x 4 x 46-1/2”
- 1 x 1796 Ridge 2 x 2 x 46-3/4”

### Hardware
- 3 x S4 #8 x 3” Wood Screw
- 8 x S3 #8 x 1-1/2” Wood Screw
- 12 x S5 #8 x 1/2” Pan Screw

### Other Parts
- 4 x Corner Brace

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Step 18: Attach Canopy to Roof Frame

A: Place Canopy over (1900) Ridge making sure bottom edges of tarp are even on both sides of assembly. (fig. 18.1)

B: Secure one side by attaching Canopy to 1 (1796) Top End using 6 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Make sure the screws are 1/2" in from the edge of the canopy. (fig. 18.1)

C: Make sure the canopy is smooth and tight then secure opposite end of canopy to the other (1796) Top End using 6 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Make sure the screws are 1/2" in from the edge of the canopy. (fig. 18.1)

D: Attach canopy to (1900) Ridge with 1 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) at each end. (fig. 18.1)

**Fig. 18.1**

**Hardware**
- 14 x #8 x 1/2" Pan Screw (with #8 flat washer)

**Other Parts**
- 1 x Canopy
Step 19: Attach Slide to Fort
(Slide sold separately)

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

A: On the front of the assembly place Slide in the centre between (2469) Post and (1747) Centre Divider, flush to the inside edge of (1782) SL Spacer. (fig. 19.1 and 19.2)

B: Attach slide to (1782) SL Spacer using 3 (S7) #12 x 2” Pan Screws. (fig. 19.2 and 19.3)

---

**Hardware**

3 x S7 #12 x 2” Pan Screw

**Other Parts**

1 x Slide (sold separately)
Step 20: Bench Assembly
Part 1

A: On the Cafe Side measure 20" up from the ground on each (2469) Post then attach 1 (2827) Bench Brace to each (2469) Post with 3 (S3) #8 x 2-1/2" Wood Screws per brace. (fig. 20.1 and 20.2)

Wood Parts
2 x 2827 Bench Brace 2 x 6 x 8-5/8"

Hardware
6 x S3 #8 x 2-1/2" Wood Screw
Step 20: Bench Assembly
Part 2

B: Tight to each (2469) Post and each (2827) Bench Brace place 1 (2828) Bench Gusset flush to the end of each brace then attach to (2827) Bench Brace with 2 (S3) #8 x 2-1/2” Wood Screws per gusset and to (2469) Post with 1 (S3) #8 x 2-1/2” Wood Screw per gusset. (fig. 20.3 and 20.4)

Wood Parts
2 x 2828 Bench Gusset 2 x 2 x 11”

Hardware
6 x S3 #8 x 2-1/2” Wood Screw
Step 20: Bench Assembly
Part 3

C: Place 2 (2826) Bench Tops on top of (2827) Bench Braces so they are tight together and the front board is flush to the angled edges of (2827) Bench Braces and (2828) Bench Gussets. Pilot holes to be centred over each (2827) Bench Brace. Attach (2826) Bench Tops to (2827) Bench Braces with 4 (S15) #8 x 1-3/4” Wood Screws per board. (fig. 20.5 and 20.6)

![Fig. 20.5](image.png)

![Fig. 20.6](image.png)

**Wood Parts**

- 2 x 2826 Bench Top 5/4 x 4 x 26-7/8”

**Hardware**

- 8 x S15 #8 x 1-3/4” Wood Screw
Step 21: Attach Ground Stakes

MOVE FORT TO FINAL LOCATION. FINAL LOCATION MUST BE LEVEL GROUND

Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

A: Drive 3 (0318) Ground Stakes 10-1/2” into the ground against (1792) Lower Side at 3 (2469) Posts as shown in fig. 21.1. Attach using 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 21.1 and 21.2)

B: Inspect for open 3/8” holes. Insert Hole Plugs into all unused holes. (fig. 21.3)

Wood Parts
3 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14”

Hardware
6 x S3 #8 x 2-1/2” Wood Screw

Other
Hole Plugs
Step 22: Attach SW Spacer to Fort

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

**A:** From inside the assembly, tight to the top of (2448) SW Floor attach (2467) SW Spacer to (2447) SW Mount with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 22.1 and 22.2)

**Fig. 22.1**

**Fig. 22.2**

**Wood Parts**
- 1 x 2467 SW Spacer 1 x 2 x 6”

**Hardware**
- 2 x S2 #8 x 1-1/2” Wood Screw
Step 23: Optional SW Mount Installation

If you have purchased a 2- or 3-Position Monkey Ladder Swing to add to your fort complete this step. If you have purchased 3-Position Swing II, refer to that manual.

**A:** On the Back of the Swing Side remove the 2 (H2) 1/4 x 2” Hex Bolts (with lock washer and flat washer) which attach the (2445) Side Top and (2448) SW Floor to the (2469) Post. The t-nuts can be left in. (fig. 23.1 and 23.2)

**B:** Place (2446) SW Mount over the bolt holes, noticing the holes on the sides are towards the top of the board, and attach with 2 (H7) 1/4 x 5-1/2” Hex Bolts (with previously removed lock washer and flat washer). (fig. 23.1 and 23.3)

---

**Wood Parts**
1 x SW Mount 2 x 4 x 34”

**Hardware**
2 x 1/4 x 5-1/2” Hex Bolt (previously removed 1/4” lock washer, 1/4” flat washer)
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.
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