SkyLine Retreat
WOODEN SWING SET
MODEL: # 1801066

BOOKLET INCLUDES:
• Owner’s Manual
• Frequently Asked Questions
• Assembly Instructions
• Warranty Information

Royal Retreat
WOODEN SWING SET
MODEL: # 1801110

For the most up to date assembly manual,
to register your set or to order replacement parts please visit
www.backyarddiscovery.com

Save this assembly manual for future reference in the event that
you need to order replacement parts.

Para obtener instrucciones en español, visite www.backyarddiscovery.com
With Go Configure, we bring you 18 years of experience right to your doorstep. We service a wide array of indoor and outdoor recreation products that most consumers don’t have the time or ability to deliver & install themselves.

We do the heavy lifting, so you don’t have to!

- 18+ Years of Experience Servicing Big Box Retailers and Direct Consumers
- Highly Skilled, Specialized, Courteous, Professional Service Technicians
- Over 140,000 Installations Annually
- White Glove Service
- Satisfaction Guarantee
- Flexible Appointments, including weekends
- Coverage across the nation

*Installation services are only available to U.S. customers.*
PLEASE READ THIS BEFORE STARTING ASSEMBLY
POR FAVOR LEA ESTAS INSTRUCCIONES ANTES DE COMENZAR EL ENSAMBLAJE

- READ THE ASSEMBLY MANUAL COMPLETELY, PAYING SPECIAL ATTENTION TO THE IMPORTANT TIPS AND SAFETY INFORMATION.
- AFTER YOU HAVE READ THE ASSEMBLY MANUAL, YOU WILL BE ABLE TO DECIDE IF YOU NEED PROFESSIONAL HELP TO COMPLETE THE ASSEMBLY OF THE STRUCTURE.
- SEPARATE AND IDENTIFY ALL PARTS TO MAKE SURE THAT YOU HAVE ALL OF THE PARTS LISTED.
- IF YOU CAN’T FIND ALL OF THE PARTS, CHECK THE PACKING MATERIAL. SMALL PARTS MAY HAVE FALLEN INTO IT DURING SHIPMENT.
- IF YOU HAVE PROBLEMS WITH THE ASSEMBLY OR IF ANY PART IS MISSING OR DAMAGED, PLEASE CALL THE HELP LINE 1-800-856-4445 OR VISIT www.backyarddiscovery.com
- LEA EL MANUAL DE ENSAMBLAJE COMPLETAMENTE, PRESTANDO ESPECIAL ATENCIÓN A LOS CONSEJOS ÚTILES IMPORTANTES Y A LA INFORMACIÓN SOBRE SEGURIDAD.
- DESPUÉS DE QUE HAYA LEÍDO EL MANUAL DE ENSAMBLAJE, PODRÁ DECIDIR SI NECESITA AYUDA PROFESIONAL PARA EFECTUAR EL ENSAMBLAJE DE LA ESTRUCTURA.
- SEPARE E IDENTIFIQUE TODAS LAS PIEZAS PARA COMPROBAR QUE DISPONE DE TODAS LAS PARTES INDICADAS.
- SI NO PUEDE ENCONTRAR TODAS LAS PIEZAS, REVISE EL MATERIAL DE EMPAQUE. ES POSIBLE QUE ALGUNAS PIEZAS PEQUEÑAS PUEdan HABERSE CAÍDO ALLÍ DURANTE EL ENVÍO.
- MANTÉNGASE ALEJADO DE LOS NIÑOS MENORES A LA EDAD RECOMENDADA.
- SI TIENE PROBLEMAS CON EL ENSAMBLAJE O SI ALGUNA PIEZA FALTA O ESTÁ DAÑADA, LLAME A LA LÍNEA DE AYUDA AL 1-800-856-4445 O VISITE www.backyarddiscovery.com

PLEASE HAVE THE FOLLOWING INFORMATION WHEN YOU MAKE YOUR CALL:

1 – MODEL NUMBER OF THE PRODUCT LOCATED ON THE FRONT OF THE ASSEMBLY MANUAL
2 – DESCRIPTION OF THE PART FROM THE PARTS LIST

POR FAVOR TENGA VISIBLE LA SIGUIENTE INFORMACIÓN CUANDO LLAME:

1 - NÚMERO DE MODELO DEL PRODUCTO QUE SE ENCUENTRA UBICADO AL FRENTE DEL MANUAL DE ENSAMBLAJE
2 - DESCRIPCIÓN DE LA PIEZA QUE SE ENCUENTRA EN LA LISTA DE PIEZAS
**Dear Customer:**

Please read entire booklet completely before beginning the assembly process.

Equipment is recommended for use by children 3 to 10 years of age. Structures are not intended for public use. The Company does not warranty any of its residential structures subjected to commercial use such as: Daycare, Preschool, Nursery School, Recreational Park, or any similar Commercial Application.

**WARNING:** This Symbol points out important safety instructions which, if not followed, could endanger the personal safety of yourself and your children and/or damage your property. You MUST read and follow all instructions in this manual before attempting to use this playcenter.

**WARNING:** Children must NOT use this playcenter until unit has been completely assembled and inspected by an adult to insure set has been properly installed and anchored.

Please follow all recommendations below. Failure to do so may result in the warranty being void and/or safety violations that could result in serious injury. This manual contains helpful information concerning Assembly Preparation, Installation Procedure, and Required Maintenance. Always keep the safety of your children in mind as your play structure is being built and as your children play on the set. Before your children play on the set please review the Operation Instructions with them to help ensure their safety.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. IN ORDER TO PROVIDE YOU WITH THE MOST EFFICIENT SERVICE, IT IS REQUIRED THAT YOU PROVIDE US WITH THE PART NUMBERS WHEN ORDERING PARTS.

**For Your Records:**

Please take time and fill out the information below. This information will be needed for warranty issues.

Where Purchased: ____________________
Date of Purchase: ____________________
Installation Date: ____________________
Installed by: _________________________
Tracking Number: ____________________

**Tracking Number Reference Label**

Tracking ID number on the carton and back of the ID plate or vertical ID plate are included for tracking purposes associated with warranty claims.
Positioning Your Playcenter

1. The Playcenter is designed to be installed on a level surface by an Adult with an Adult helper. Place in a flat area of your yard to minimize ground preparation.

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

3. Place the equipment not less than 6 ft (1.8 m) from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

4. Provide enough room so that the children can use the equipment safely. For example, for structures with multiple play activities, a slide should not exit in front of a swing.

5. It is a good idea to place your Playcenter in an area that is convenient for adults to watch children at play.

6. Create a site free of obstacles that could cause injuries – such as low overhanging tree branches, overhead wires, tree stumps and/or roots, large rocks, bricks and concrete. Additional suggestions in the Suggested Playground Surfacing Section.

7. Do not build your playset on top of surfacing material.

8. Locate bare metal platforms and slides out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.

9. Separate active and quiet activities from each other. For example, locate sandboxes away from swings or use a guardrail or barrier to separate the sandbox from the movement of the swings.

Suggested Playground Surfacing

- Do not install home playground equipment over concrete, asphalt, packed earth, grass, carpet, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.
- Shredded bark mulch, wood chips, fine sand and fine gravel, are added as shock absorbing materials after assembly. If used properly these materials can absorb some of the impact of a child’s fall.
- All surface material should extend a minimum of 6 feet in all directions around the play area.
- Do not apply playground surfacing until after the unit is completely constructed. Playset should not be built on top of surfacing.
- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging.
- Installations of rubber tiles or poured-in-place surfaces (other than loose-fill materials) generally require a professional and are not “do-it-yourself” projects.
- Shall use Playground Surfacing Materials (other than loose-fill material) which comply with the safety standard ASTM F1292 Standard Specification of Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment.
The following chart explains the fall height in feet from which a life threatening head injury would not be expected

Critical Heights in feet (m) of Tested Materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Uncompressed Depth</th>
<th>Compressed Depth</th>
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<tr>
<td></td>
<td>6&quot; (152mm)</td>
<td>9&quot; (228mm)</td>
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<tr>
<td></td>
<td>to 9&quot; (228mm)</td>
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</tr>
<tr>
<td>Wood Chips</td>
<td>7’ (2.13m)</td>
<td>10’ (3.05m)</td>
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<tr>
<td>Double-Shredded bark mulch</td>
<td>6’ (1.83m)</td>
<td>10’ (3.05m)</td>
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<tr>
<td>Engineered Wood Fibers</td>
<td>6’ (1.83m)</td>
<td>7’ (2.13m)</td>
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<tr>
<td>Fine Sand</td>
<td>5’ (1.52m)</td>
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</tr>
<tr>
<td>Coarse Sand</td>
<td>5’ (1.52m)</td>
<td>5’ (1.52m)</td>
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<tr>
<td>Fine Gravel</td>
<td>5’ (1.52m)</td>
<td>7’ (2.13m)</td>
</tr>
<tr>
<td>Medium Gravel</td>
<td>5’ (1.52m)</td>
<td>5’ (1.52m)</td>
</tr>
<tr>
<td>Shredded Tires*</td>
<td>10-12’ (3.0-3.6m)</td>
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</table>

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

Operating Instructions:

NOTE: Your children’s safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

1. This Playcenter is designed for specific number of occupants whose combined weight should not exceed a designated weight on the elevated floor or the swing area, the total Unit capacity is outlined in the Basic Setup Dimensions section of instruction manual. The maximum fall height and recommended play area is also available in the Basic Setup Dimensions section of the manual for the specific unit.
2. On-site adult supervision is required.
3. Instruct children not to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
4. Instruct children to sit in and never stand on swings
5. Instruct children not to twist the chains and ropes and not to loop them over the top support bar, since this may reduce the strength of the chain or rope.
6. Instruct children not to jump from swings or other playground equipment in motion.
7. Instruct children to not to push empty seats. The seat may hit them and cause serious injury.
8. Instruct and teach children to sit in the center of the swings with their full weight on the seats.
9. Instruct children not to use the equipment in a manner other than intended.
10. Instruct children to always go down slides feet first. Never slide head first.
11. Instruct children to look before they slide to make sure no one is at the bottom.
12. Instruct children to never run up a slide, as this increases their chances of falling.
13. The parents should dress children appropriately. (Examples would include the use of well-fitting shoes and the avoidance of ponchos, scarfs, and other loose-fitting clothing that is potentially hazardous while using equipment).
14. Instruct children not to climb when the equipment is wet.
15. Instruct children to never jump from a fort deck. They should always use the ladder, ramp or slide.
16. Instruct children to never crawl or walk across the top of monkey bars.
17. Instruct children to never crawl on top of a fort roof.
18. Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.
19. Instruct children **not** to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
20. Instruct children to **never** wrap their legs around swing chain.
21. Instruct children to **never** slide down the swing chain.
22. Instruct children to remove their bike or other sports helmet before playing on playground equipment.

**Maintenance Instructions:**

**At the beginning of each play season:**

- Tighten all hardware.
- Lubricate all metallic moving parts per manufacturer’s instructions.
- Check all protective coverings on bolts, pipes, edges, and corners. Replace if they are loose, cracked, or missing.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.
- Check metal parts for rust. If found, sand and repaint using a non Lead-based paint meeting the requirements of **16 CFR 1303**.
- Check all wood members for deterioration and splinters. Sand down splinters and replace deteriorating wood members.
- Reinstall any plastic parts, such as swing seats or any other items that were removed for the cold season.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

**Twice a month during play season:**

- Tighten all hardware.
- Check all protective coverings on bolts, pipes, edges, & corners. Replace if they are loose, cracked, or missing.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.
- Once a month during play season.
- Lubricate all metallic moving parts per manufacturer’s instructions.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.

**At the end of each play season or when the temperature drops below 32° F:**

- Remove plastic swing seats and other items as specified by the manufacturer and take indoors or do not use.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

**Owners shall be responsible for maintaining the legibility of the warning labels.**
Additional Maintenance:

- Check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sand may be necessary to maintain a safe playing environment. Treat your playset with stain regularly, to help prevent severe checking/splitting and other weather damage.

- A waterborne transparent stain has been applied to your playset. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your playset. Please note this is a requirement of your warranty.

- Assembling and maintaining the playset on a level location is very important. As your children play, your playset will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the playset is level and true one each year or at the beginning of each play season.

Disposal Instructions:

When the Playcenter use is no longer desired, it should be disassembled and disposed of in such a way that no unreasonable hazards will exist at the time the unit is discarded.

Third Party Assembly:

Customer may, in their sole discretion, elect to use a third party person or service to assemble this product. Backyard Discovery assumes no responsibility or liability for any charge incurred by the Customer for any assembly services’. Please see our warranty for more information about damaged and missing part replacement coverage. Backyard Discovery will not reimburse Customer for the price of parts purchased.
APPENDIX A

Information on Playground Surfacing Materials:

The following information is from the United States Consumer Product Safety Commission’s Information Sheet for playground surfacing material; also see the following website for additional information: www.cpsc.gov/cpscpub/pubs/323.html.

X3. SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION’S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK

X3.1 Select Protective Surfacing—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 Specification F 1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

X3.1.1 Loose-Fill Materials:
   X3.1.1.1 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 refilled to maintain at least a 9-inch depth.
   X3.1.1.2 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 generally not adequate protective surfacing. Ground level equipment such as a sandbox, activity wall, playground or other equipment that has no elevated play surface — does not need any protective surfacing.
   X3.1.1.3 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.
   X3.1.1.3.2 Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.
   X3.1.1.4 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.
   X3.1.1.4.1 Installations of these surfaces generally require a professional and are not “do-it-yourself” projects.
   X3.1.1.4.2 Review surface specification 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 F 1292 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.
   X3.1.1.4.3 Check the protective surfacing frequently for wear.
   X3.1.1.5 Placement — Proper placement and maintenance of protective surfacing is essential. Be sure to:
   X3.1.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.
   X3.1.1.5.2 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.

9 This information has been extracted from the CPSC publications “Playground Surfacing — Technical Information Guide” and “Handbook for Public Playground Safety.” Copies of these reports can be obtained by sending a postcard to the: Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772.

The American Society for Testing and Materials takes no position respecting the validity of any parent right asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such parent rights, and the risk of infringement of such rights, are entirely their own responsibility.

The standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either approved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards. 100 Barr Harbor Drive, West Conshohocken, PA 19428.
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Play Set Assembly Manual FAQs:

1. Does the area for the playset need to be level?
   Yes. Backyard Discovery recommends the playset be positioned on a flat level area for maximum safety and durability. The stakes provided should be used to secure it firmly to the ground.

2. What size area is recommended for the playset?
   Backyard Discovery recommends at least a 6’ (six foot) perimeter around and above the playset for maximum safety.

3. What age range is appropriate for the playsets?
   Backyard Discovery playsets are recommended for children ages 3 – 10 years.

4. Is the wood treated with chemicals?
   Backyard Discovery uses 100% Chinese Cedar wood which is naturally bug resistant, decay and rot resistant. To help ensure your child’s safety, our wood is completely chemical free and we do not use pressure-treated wood. The stain we use is a top coat using a water-based product that is for appearance only.

5. How often should the playset be stained?
   Backyard Discovery recommends the playset be stained once each year. A water or oil based stain can be used at the customer’s discretion.

6. Why does it seem that my swing set is developing cracks?
   Wood is a natural material; no two pieces are exactly alike. Each piece has its own characteristics and personality and reacts differently to climate changes. When any wood product is exposed to the elements, it develops “wood checks”. A check is the radial separation of the wood fibers running with the grain of the wood. These are caused by the varying temperature and moisture conditions. A check is not a crack – it does not affect the strength or durability of the wood or structural integrity of the play set.

7. Do Backyard Discovery playsets come with a warranty?
   Yes. All Backyard Discovery products carry a 1-year replacement warranty on all parts for manufacturer’s defect. Our wood carries a 5 year warranty on rot and decay as well. Please see warranty details for more information.

8. What is the best way to get started assembling the playset?
   Backyard Discovery recommends taking all the parts out of the boxes and arranging them by part number before you begin any assembly. This will not only allow faster assembly, but will also identify any parts that may be missing or damaged so they can be replaced before assembly. If parts are missing or need replacement, go to www.backyarddiscovery.com/support.aspx and follow the prompts to order them. Next, read the assembly manual and get the tools ready for the job as recommended in the manual. If the assembly manual is lost or misplaced a new one can be printed from Backyard Discovery’s website: www.backyarddiscovery.com

9. The playset seems to rock or sway too much. What’s wrong?
   Rocking is caused by uneven ground or obstructions such as rocks, roots, etc. under the ground rails. These should be removed and the ground underneath re-leveled to prevent rocking. Also ensure the playset is securely staked to the ground using the stakes provided.

10. The 2”x4” boards do not measure 2”x 4”. Why not?
    In the U.S. it is common practice to describe lumber dimensions using the rough cut sizes from the sawmill and not the finished dimensions. Retailers, home stores, etc. all use this accepted practice for describing lumber dimensions. However, Backyard Discovery playsets are designed and constructed using the actual dimensions so everything fits properly and remains so during the life of the playset.

11. The end beam is not straight up and down. Why not?
    This is normal. Backyard Discovery designs playsets this way to ensure the strongest structure possible. The slight angle adds strength and reduces rocking and twisting.

12. The S-hooks for the swings won’t close. What is wrong?
    Backyard Discovery recommends placing them on a hard surface such as concrete (don’t do this on anything that will dent such as metal or finished wood or glass which will break!). It will take quite a few strokes, but the hooks will close.

For more information and frequently asked questions, please refer to our website at www.backyarddiscovery.com.
Tools Required for Installation:
(These are the tools that are generally required for assembly of our outdoor products. These tools are not included with the outdoor product purchase.)

- Level 24”
- Open End Wrenches 9/16” & 1/2”
- Tape Measure
- Claw Hammer
- Phillips Screw Driver
- Drill Attachments: Phillips Head & Socket Driver
- Rubber Mallet - Optional
- Cordless Drill or Electric Drill
- 3/8” Drive Ratchet, 9/16” & 1/2” STD Socket
- 3/8” & 7/16” Drill Bits
- An Adult w/ an Adult Helper
- Ladder
**Important Assembly Notes**

1) While assembling unit, take time before and after each phase to make sure fort is level. If fort is not level, assembly will be difficult and improper assembly may result. Extra care must be taken to ensure the fort is square.

2) Tighten bolts securely, tighten nuts on bolts flush to the tube or member.

3) Pay close attention to the ITEMS NEEDED FOR EACH PHASE. They can be a valuable aid when sorting your wood and hardware. Assembly will be made easier if items are sorted by phase.

4) Pay close attention to make sure you are using the correct hardware in the correct phases. Using incorrect hardware may result in improper assembly.

5) Whenever a T-nut is used, follow these directions. Place T-nut in pre-drilled hole. Tap in with hammer. Place bolt with washers in the opposite side. Hand tighten to make sure the bolt is in the T-nut. DO NOT over tighten.

6) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.
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B09 - UPRIGHT - W4L08763
3"x3"x66" (76x76x1676)

B10 - UPRIGHT - W4L11320
3"x3"x59" (76x76x1500)

B11 - UPRIGHT - W4L11319
3"x3"x72 3/4" (76x76x1848)

B12 - UPRIGHT - W4L11321
3"x3"x59" (76x76x1500)

B13 - UPRIGHT - W4L11323
3"x3"x16 1/2" (76x76x420)

B14 - UPRIGHT - W4L11333
3"x3"x59" (76x76x1500)

B15 - UPRIGHT - W4L08781
3"x3"x59" (76x76x1500)

B16 - UPRIGHT - W4L11408
3"x3"x54" (76x76x1372)

B17 - UPRIGHT - W4L11409
3"x3"x54 1/4" (76x76x1378)

B18 - UPRIGHT - W4L11285
3"x3"x66" (76x76x1676)

B19 - UPRIGHT - W4L08785
3"x3"x59" (76x76x1500)

D1 - FLOOR RAIL - W4L11367
1 3/8"x5 1/4"x15 1/8" (36x134x384)

E01 - GUSSET - W4L11279
1 3/8"x3 3/8"x20" (36x86x508)

E02 - RIGHT ARM REST - W4L11241
1 3/8"x3 3/8"x26 5/8" (36x86x677)

E03 - LEFT ARM REST - W4L11242
1 3/8"x3 3/8"x26 5/8" (36x86x677)

E04 - GUSSET - W4L11280
1 3/8"x3 3/8"x13 3/4" (36x86x350)

E05 - UPRIGHT - W4L11296
1 3/8"x3 3/8"x66 1/2" (36x86x1690)

E06 - BRIDGE SUPPORT - W4L11312
1 3/8"x3 3/8"x78 3/4" (36x86x2000)
Parts Identification
Wood Components
(NOT TO SCALE)

G01 - DECK RAIL - W4L11274
1"x5 1/4"x69 1/8" (24x134x1756)
(1)

G02 - DECK RAIL - W4L11270
1"x5 1/4"x69 1/4" (24x134x1758)
(1)

G03 - DECK RAIL - W4L11271
1"x5 1/4"x80 1/4" (24x134x2038)
(1)

G04 - DECK RAIL - W4L11275
1"x5 1/4"x80 1/4" (24x134x2038)
(1)

G05 - WALL BOARD - W4L08772
1"x5 1/4"x30" (24x134x762)
(2)

G06 - WALL BOARD - W4L08773
1"x5 1/4"x23 1/2" (24x134x596)
(2)

G07 - RAIL - W4L11288
1"x5 1/4"x67 3/8" (24x134x1710)
(1)

G08 - BRIDGE RAIL - W4L11311
1"x5 1/4"x80 5/8" (24x134x2048)
(2)

G09 - DECK RAIL - W4L11328
1"x5 1/4"x42 5/8" (24x134x1084)
(1)

G10 - DECK RAIL - W4L11327
1"x5 1/4"x59 1/2" (24x134x1510)
(1)

G11 - DECK RAIL - W4L11329
1"x5 1/4"x42 5/8" (24x134x1084)
(1)

ONLY USED ON SKYLINE RETREAT
## Parts Identification

### Wood Components

*(NOT TO SCALE)*

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>G12 - DECK RAIL - W4L11330</td>
<td>1&quot;x5 1/4&quot;x59 1/2&quot; (24x134x1510)</td>
<td>(1)</td>
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<tr>
<td>G13 - GROUND BOARD - W4L11258</td>
<td>1&quot;x5 1/4&quot;x68&quot; (24x134x1726)</td>
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<td>G14 - GROUND BOARD - W4L11259</td>
<td>1&quot;x5 1/4&quot;x80 1/4&quot; (24x134x2038)</td>
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<td>G15 - GROUND BOARD - W4L11318</td>
<td>1&quot;x5 1/4&quot;x62 7/8&quot; (24x134x1598)</td>
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<td>G16 - GROUND BOARD - W4L11316</td>
<td>1&quot;x5 1/4&quot;x59 1/2&quot; (24x134x1510)</td>
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<tr>
<td>G17 - GROUND BOARD - W4L11322</td>
<td>1&quot;x5 1/4&quot;x59 1/2&quot; (24x134x1510)</td>
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<tr>
<td>G18 - GROUND BOARD - W4L11317</td>
<td>1&quot;x5 1/4&quot;x59 1/2&quot; (24x134x1510)</td>
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<td>G19 - WALL RAIL - W4L11334</td>
<td>1&quot;x5 1/4&quot;x59 1/2&quot; (24x134x1510)</td>
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<td>G20 - WALL RAIL - W4L11335</td>
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<td>G21 - WALL RAIL - W4L11336</td>
<td>1&quot;x5 1/4&quot;x42 5/8&quot; (24x134x1084)</td>
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</table>
### Parts Identification

**Wood Components**

*(NOT TO SCALE)*

- **G50 - GROUND BOARD - W4L11380**
  - 1"x5 1/4"x86 3/4" (24x134x2202)
  - 1 piece

- **G75 - BRACE - W4L08784**
  - 1"x5 1/4"x30 1/2" (24x134x774)
  - 1 piece

- **H01 - FLOOR SUPPORT - W4L11260**
  - 1"x3 3/8"x29" (24x86x738)
  - 4 pieces

- **H02 - JOIST - W4L11261**
  - 1"x3 3/8"x67 1/8" (24x86x1706)
  - 1 piece

- **H03 - JOIST - W4L11262**
  - 1"x3 3/8"x67 1/4" (24x86x1708)
  - 4 pieces

- **H04 - BLOCK - W4L11263**
  - 1"x3 3/8"x3" (24x86x76)
  - 5 pieces

- **H05 - SIDE BACK RAIL - W4L11247**
  - 1"x3 3/8"x24 3/4" (24x86x630)
  - 2 pieces

- **H06 - RAIL - W4L08768**
  - 1"x3 3/8"x78 7/8" (24x86x2002)
  - 1 piece

- **H07 - WALL RAIL - W4L11287**
  - 1"x3 3/8"x67 3/8" (24x86x1710)
  - 1 piece

- **H08 - CENTER SEAT SUPPORT - W4L11250**
  - 1"x3 3/8"x21 3/4" (24x86x531)
  - 1 piece

- **H09 - SIDE SEAT SUPPORT - W4L11251**
  - 1"x3 3/8"x21 3/4" (24x86x531)
  - 2 pieces

- **H10 - SWING RAIL SUPPORT - W4L11245**
  - 1"x3 3/8"x13" (24x86x330)
  - 2 pieces

- **H11 - CENTER BACK RAIL - W4L11248**
  - 1"x3 3/8"x24 3/4" (24x86x630)
  - 1 piece

- **H12 - BRIDGE RAIL - W4L11314**
  - 1"x3 3/8"x86 5/8" (24x86x2200)
  - 2 pieces

- **H13 - JOIST - W4L11331**
  - 1"x3 3/8"x40 3/4" (24x86x1036)
  - 2 pieces

- **H14 - RAIL - W4L08777**
  - 1"x5 1/4"x80 1/4" (24x134x2038)
  - 1 piece

*ONLY USED ON TUBE SLIDE*
Parts Identification
Wood Components
(NOT TO SCALE)

H15 - JOIST - W4L11277
1"x3 3/8"x67 1/8" (24x86x1706)

H16 - ARCH RAIL - W4L11339
1"x3 3/8"x41 3/4" (24x86x1060)

H17 - ARCH RAIL - W4L11340
1"x3 3/8"x42 5/8" (24x86x1084)

H18 - WALL RAIL - W4L11338
1"x3 3/8"x20 7/8" (24x86x529)

H19 - WALL RAIL - W4L11337
1"x3 3/8"x59 1/2" (24x86x1510)

H22 - WALL RAIL - W4L11286
1"x3 3/8"x80 1/4" (24x86x2038)

H24 - WALL RAIL - W4L11410
1"x3 3/8"x67 3/8" (24x86x1710)

H25 - ARCH RAIL - W4L11290
1"x3 3/8"x35 1/8" (24x86x891)

H27 - ROOF JOIST - W4L08780
1"x3 3/8"x28 3/4" (24x86x730)

H28 - WALL RAIL - W4L11289
1"x3 3/8"x41 5/8" (24x86x1058)

H29 - RAIL - W4L11325
1"x3 3/8"x59 1/2" (24x86x1510)

H30 - BENCH SUPPORT - W4L11324
1"x3 3/8"x6" (24x86x152)

H31 - SUPPORT - W4L11326
1"x3 3/8"x6" (24x86x152)

H32 - RAIL - W4L08778
1 3/8"x3"x40 3/8" (36x76x1024)

H33 - PICKET - W4L11412
1"x3 3/8"x25 1/2" (24x86x648)

H34 - ROOF RAIL - W4L08767
1"x3"x34 7/8" (24x76x886)
Parts Identification
Wood Components
(NOT TO SCALE)

H40 - RAIL - W4L08766
1"x3 3/8"x36 5/8" (24x86x930)
(2)

H36 - ROOF RAIL - W4L08766
1"x3 3/8"x40 3/8" (24x86x1024)
(2)

H38 - RAIL - W4L11371
1"x3 3/8"x36 5/8" (24x86x930)
(2)

H37 - ROOF RAIL - W4L11300
1"x3 3/8"x36 5/8" (24x86x930)
(2)

H39 - RAIL - W4L11372
1"x3 3/8"x39 1/4" (24x86x996)
(2)

H35 - ROOF RAIL - W4L11302
1"x3"x42 1/4" (24x76x1072)
(2)

H34 - RAIL - W4L11372
1"x3 3/8"x39 1/4" (24x86x996)
(2)

H41 - ROOF RAIL - W4L08769
1"x3 3/8"x37" (24x86x940)
(4)

H43 - RAIL - W4L11267
1"x3 3/8"x80 1/4" (24x86x2038)
(1)

H44 - RAIL - W4L11268
1"x3 3/8"x68 1/4" (24x86x1734)
(1)

H45 - SAFETY RAIL - W4L08776
1"x3 3/8"x59 1/2" (24x86x1510)
(1)

H46 - WALL RAIL - W4L08775
1"x3 3/8"x42 1/2" (24x86x1081)
(1)

H76 - LADDER RUNG - W4L11416
1"x3 3/8"x18 1/8" (24x86x460)
(5)

H78 - VS SUPPORT - W4L08786
1"x3 3/8"x22" (24x86x558)
(1)

H81 - MONKEY BAR BRACE - W4L11428
1"x3 3/8"x53 1/4" (24x86x1352)
(2)

H82 - MONKEY BAR GROUND BOARD - W4L11429
1"x3 3/8"x70 3/8" (24x86x1786)
(1)

H1 - GUSSET - W4L11332
1"x2 3/8"x10 1/4" (24x60x262)
(2)

J2 - WINDOW BOARD - W4L11411
1"x2 3/8"x25 1/2" (24x60x648)
(4)

ONLY USED ON ROYAL RETREAT
Parts Identification
Wood Components
(NOT TO SCALE)

1. J3 - WINDOW RAIL - W4L11413
   1"x2 3/8"x53 1/2" (24x60x1358)

2. L1 - WALL BOARD - W4L11400
   5/8"x4 3/8"x24 5/8" (16x112x626)

1. M01 - SWING SEAT SUPPORT - W4L11246
   5/8"x3 3/8"x44 3/4" (16x86x1138)

1. M02 - SWING BACK SUPPORT - W4L11249
   5/8"x3 3/8"x46 3/4" (16x86x1186)

1. M03 - FLOOR BOARD - W4L11266
   5/8"x3"x35 5/8" (16x76x904)

3. M04 - FLOOR BOARD - W4L11273
   5/8"x3 3/8"x80 1/4" (16x86x2038)

2. M05 - FLOOR BOARD - W4L11272
   5/8"x3"x80 1/4" (16x76x2038)

1. M06 - WALL RAIL - W4L11353
   5/8"x3 3/8"x59 1/2" (16x86x1510)

2. M07 - WALL RAIL - W4L11355
   5/8"x3 3/8"x23 7/8" (16x86x606)

(35) M08 - PICKET - W4L11269
   5/8"x3 3/8"x7" (16x86x686)

66. M09 - WALL BOARD - W4L11292
    5/8"x3 3/8"x30" (16x86x762)

2. M10 - WALL RAIL - W4L11298
    5/8"x3 3/8"x41 1/8" (16x86x1044)

19. M11 - WALL BOARD - W4L11295
    5/8"x3 3/8"x66" (16x86x1676)

23. M12 - FLOOR BOARD - W4L11313
    5/8"x3 3/8"x33 7/8" (16x86x860)

1. M14 - WALL BOARD - W4L11358
    5/8"x3 3/8"x30" (16x86x762)

2. M13 - WALL BOARD - W4L11341
    5/8"x3 3/8"x30" (16x86x762)

2. M15 - WALL BOARD - W4L11362
    5/8"x3 3/8"x30" (16x86x762)
Parts Identification
Wood Components
(NOT TO SCALE)

1. M16 - FLOOR BOARD - W4L11264
   5/8"x3"x74 1/4" (16x76x1886)

2. M17 - FLOOR BOARD - W4L11265
   5/8"x3"x35 5/8" (16x76x904)

3. M18 - FLOOR BOARD - W4L08764
   5/8"x2 5/8"x20 3/8" (16x68x516)

4. M19 - WALL BOARD - W4L11294
   5/8"x3 3/8"x22 3/4" (16x86x578)

5. M20 - WALL BOARD - W4L11370
   5/8"x3 3/8"x36 3/8" (16x86x924)

6. M21 - WALL BOARD - W4L11375
   5/8"x2 5/8"x21 3/8" (16x68x542)

7. M22 - WALL BOARD - W4L11398
   5/8"x3 3/8"x12 1/2" (16x86x318)

8. M23 - WALL BOARD - W4L08765
   5/8"x2 5/8"x9 5/8" (16x68x246)

9. M24 - FLOOR BOARD - W4L11380
   5/8"x3 3/8"x36 3/8" (16x86x924)

10. M25 - WALL BOARD - W4L111363
    5/8"x3 1/8"x30" (16x80x762)

11. M26 - WALL BOARD - W4L11381
    5/8"x2 5/8"x32 1/4" (16x68x820)

12. M27 - WALL BOARD - W4L11382
    5/8"x3 3/8"x31 1/8" (16x86x792)

13. M28 - WALL BOARD - W4L11383
    5/8"x3 3/8"x29 3/4" (16x86x757)

14. M29 - WALL BOARD - W4L11385
    5/8"x3 3/8"x27" (16x86x685)

15. M30 - WALL BOARD - W4L11386
    5/8"x3 3/8"x25 5/8" (16x86x650)

16. M31 - WALL BOARD - W4L11387
    5/8"x3 3/8"x24 1/8" (16x86x614)

17. M32 - WALL BOARD - W4L11388
    5/8"x3 3/8"x19 1/4" (16x86x488)

18. M33 - WALL BOARD - W4L11390
    5/8"x3 3/8"x16 1/2" (16x86x420)

19. M34 - WALL BOARD - W4L11392
    5/8"x3 3/8"x13 7/8" (16x86x351)

20. M35 - WALL BOARD - W4L11393
    5/8"x3 3/8"x11 1/8" (16x86x316)

21. M36 - WALL BOARD - W4L11394
    5/8"x3 3/8"x9 5/8" (16x86x281)

22. M37 - WALL BOARD - W4L11395
    5/8"x3 3/8"x7 1/2" (16x86x255)

23. M38 - WALL BOARD - W4L11396
    5/8"x3 3/8"x5 3/4" (16x86x418)

24. M39 - WALL BOARD - W4L11397
    5/8"x3 3/8"x3 3/4" (16x86x368)

25. M40 - WALL BOARD - W4L11401
    5/8"x3 3/8"x12 1/2" (16x86x593)

26. M41 - WALL BOARD - W4L11402
    5/8"x3 3/8"x10 1/2" (16x86x543)

27. M42 - WALL BOARD - W4L11403
    5/8"x3 3/8"x8 3/4" (16x86x493)

28. M43 - WALL BOARD - W4L11404
    5/8"x3 3/8"x7 1/2" (16x86x443)

29. M44 - WALL BOARD - W4L11405
    5/8"x3 3/8"x5 1/2" (16x86x394)
Parts Identification
Wood Components
(NOT TO SCALE)

(5) FP1 - FLOOR PANEL - W2A02501
1 1/4"x17"x80 1/4" (32x432x2038)

(1) FP2 - FLOOR PANEL - W2A02502
1 1/4"x10 1/4"x80 1/4" (32x346x2038)

(1) FP3 - FLOOR PANEL - W2A02503
1 1/4"x13 5/8"x80 1/4" (32x346x2038)

(2) PP2 - PICNIC BENCH - W2A02504
1 5/8"x6 3/4"x40 1/4" (36x173x1022)

(1) PP4 - SERVING BENCH - W2A02505
1 5/8"x6"x59 1/2" (36x152x1510)

(1) PP3 - SERVING TABLE - W2A02506
1 5/8"x10 1/2"x59 1/2" (40x268x1510)

(2) FP4 - FLOOR PANEL - W2A02507
1 1/4"x20 3/8"x59 1/2" (32x519x1510)
(1) WP1 - UPRIGHT - W2A02508
3 1/16"x3"x59" (78x76x1500)

(1) PP1 - PICNIC TABLE - W2A02509
1 5/8"x17"x41" (36x432x1042)

(1) RP1 - ROOF PANEL - W2A02512
1 9/16"x15 3/4"x86 7/8" (40x410x2206)

(1) RP2 - ROOF PANEL - W2A02513
1 9/16"x15 3/4"x86 7/8" (40x410x2206)

(2) RP4 - UPRIGHT - W2A02514
1 9/16"x16 1/8"x86 7/8" (40x410x2206)

(1) RP6 - ROOF PANEL - W2A02516
1 9/16"x9 11/16"x86 7/8" (40x246x2206)
(1) RP7 - ROOF PANEL - W2A02517  
1 9/16"x12 11/16"x86 7/8" (40x322x2206)

(2) RP8 - ROOF PANEL - W2A02518  
1 9/16"x12 5/8"x47 3/8" (40x322x1204)

(2) RP9 - ROOF PANEL - W2A02519  
1 9/16"x12 5/8"x47 3/8" (40x322x1204)

(2) RP10 - ROOF PANEL - W2A02520  
1 9/16"x13 1/4"x47 3/8" (40x335x1204)

(1) RP11 - ROOF PANEL - W2A02521  
1 9/16"x16 1/4"x66 1/16" (40x413x1678)

(1) RP12 - ROOF PANEL - W2A02522  
1 9/16"x12 11/16"x66 1/16" (40x323x1678)
Parts Identification
Hardware

- BOLT WH 5/16x1 SD - H100672
(34)

- BOLT WH 5/16x1 1/2 SD - H100673
(27)

- BOLT WH 5/16x1 3/4 SD - H100555
(10)

- BOLT WH 5/16x2 SD - H100676
(37)

- BOLT WH 5/16x2 1/4 SD - H100678
(18)

- BOLT WH 5/16x2 1/2 SD - H100675
(23)

- NUT BARREL WH 5/16x1 1/2 SD - H100691
(4)

- NUT BARREL WH 5/16x1 3/4 SD - H100692
(18)

- NUT BARREL WH 5/16x7/8 SD - H100693
(100)

- BOLT WH 5/16x2 1/4 SD - H100666
(4)

- BOLT WH 5/16x2 1/2 SD - H100667
(4)

- BOLT WH 5/16x4 1/4 SD - H100716
(2)

- BOLT WH 5/16x4 3/4 SD - H100683
(1)

- BOLT WH 5/16x6 SD - H100683
(23)

- BOLT WH 5/16x6x1/2 SD - H100670
(2)

- BOLT WH 5/16x6x3/4 SD - H100680
(10)

- BOLT WH 5/16x6x1 1/2 SD - H100673
(27)

- BOLT WH 5/16x6x1 3/4 SD - H100682
(13)

- BOLT WH 5/16x6x2 SD - H100676
(20)

- BOLT WH 5/16x6x2 1/2 SD - H100679
(7)

- BOLT WH 5/16x6x3 SD - H100681
(11)

- BOLT WH 5/16x6x3 1/2 SD - H100680
(7)

- BOLT WH 5/16x6x3 3/4 SD - H100682
(121)

- BOLT WH 5/16x6x5/8 SD - H100692
(18)

- BOLT WH 5/16x6x7/8 SD - H100693
(100)

- BOLT WH 5/16x6x5 3/4 SD - H100665
(13)

- BOLT WH 5/16x6x1 1/4 SD - H100666
(4)

- BOLT WH 5/16x6x1 3/4 SD - H100665
(13)

- BOLT WH 5/16x6x2-1/4 SD - H100701
(2)

- BOLT WH 5/16x6x2-3/4 SD - H100668
(18)

- NUT BARREL WH 5/16x5/8 SD - H100692
(18)

- BOLT WH 5/16x6x2-3/4 SD - H100668
(12)

- BOLT WH 5/16x6x4 1/4 SD - H100716
(2)

- BOLT WH 5/16x6x4 3/4 SD - H100666
(4)
Parts Identification
Hardware

- WASHER FLAT 8x27 SD - H100705
- WASHER FLAT 11x25 SD - H100703
- WASHER FLAT 9x18 SD - H100706
- SCREW PWH 8x5/8 SD - H100544
- SCREW PFH 8x1/2 SD - H100543
- SCREW PFH 8x1 SD - H100537
- SCREW PFH 8x1 1/8 SD - H100540
- SCREW PFH 8x1 1/4 SD - H100539
- SCREW PFH 8x1 1/2 SD - H100538
- SCREW PFH 8x1 3/4 SD - H100541
- SCREW PFH 8x2 SD - H100542
- SCREW PFH 8x2 1/2 SD - H100695
- SCREW PFH 8x2 1/4 SD - H100694
- SCREW PFH 8x1/2 SD - H100543
- SCREW PWH 8x5/8 SD - H100544
- SCREW PFH 8x1 SD - H100537
- SCREW PFH 8x1 1/8 SD - H100540
- SCREW PFH 8x1 1/4 SD - H100539
- SCREW PFH 8x1 1/2 SD - H100538
- SCREW PFH 8x1 3/4 SD - H100541
- SCREW PFH 8x2 SD - H100542
- SCREW PFH 8x2 1/2 SD - H100695

- WASHER LOCK 8x19 SD - H100554
- WASHER LOCK 12x19 SD - H100707
- WASHER LOCK INT 8x15 SD - H100710
- WASHER LOCK INT 10x18 SD - H100708
- WASHER LOCK INT 8x15 SD - H100710
- WASHER LOCK EXT 6x15 SD - H100711
- WASHER LOCK EXT 12x19 SD - H100707
- WASHER LOCK EXT 6x15 SD - H100711
- WASHER LOCK EXT 8x19 SD - H100554
- WASHER LOCK EXT 12x19 SD - H100707
- WASHER LOCK EXT 6x15 SD - H100711
- WASHER LOCK EXT 8x19 SD - H100554
- WASHER LOCK EXT 12x19 SD - H100707
- WASHER LOCK EXT 6x15 SD - H100711

- LAG SCREW WH 1/4x2-1/2 SD - H100722
- LAG SCREW WH 5/16x1 1/2 SD - H100685
- LAG SCREW WH 5/16x2 SD - H100686
- LAG SCREW WH 5/16x2 1/2 SD - H100687
- LAG SCREW WH 5/16x2-3/4 SD - H100688
- LAG SCREW WH 5/16x3 SD - H100689
## Parts Identification
### Hardware

- **WASHER FLAT 8x27 BLK** - H100478 (2)
- **NUT BARREL TPH 5/16x1 SD** - H100671 (18)
- **BOLT TPH 5/16x1 1/4 SD** - H100671 (18)
- **BOLT WH 5/16x1 1/2 BLK** - H100407 (11)
- **BOLT WH 5/16x2-1/4 BLK** - H100205 (4)
- **BOLT HEX 5/16x1-1/2** - H100498 (7)
- **NUT LOCK 5/16 BLK** - H100479 (9)
- **SWING HANGER (7.125") QUICK LINK** - BLK - H100496 (2)

### Washers
- **WASHER LOCK INT 8.4x14.5 SD** - H100709 (17)
- **WASHER LOCK EXT 8x19 BLK** - H100198 (15)
- **WASHER LOCK EXT 12x19 BLK** - H100199 (15)
- **WASHER LOCK 8x19 BLK** - H100198 (15)
- **WASHER SAFETY 17x30** - BLK - H100497 (2)
- **WASHER FLAT 10.5X16 SD** - H100702 (17)
- **WASHER 8.2X16 SD** - H100704 (17)
- **WASHER 10.5X16 SD** - H100702 (17)
- **WASHER 8.2X16 SD** - H100704 (17)
- **WASHER SAFETY 17x30** - BLK - H100497 (2)
- **WASHER FLAT 8x27 BLK** - H100478 (2)
- **WASHER FLAT 8x27 BLK** - H100478 (2)
- **WASHER FLAT 9x18 BLK** - H100474 (13)
- **WASHER FLAT 10.5x16 SD** - H100702 (17)
- **WASHER FLAT 8x27 BLK** - H100478 (2)

### Screws
- **SCREW PFH 8x1 3/4 BLK** - H100382 (13)
- **SCREW PFH 8x2-1/2 BLK** - H100201 (4)
- **SCREW PFH 8x1-1/2 BLK** - H100200 (64)
- **SCREW PFH 6x5/8 BLK** - H100624 (6)
- **SCREW TAPPING PPH 5x15mm SD** - H100724 (2)
Parts Identification

Accessories

(NOT TO SCALE)

(4) EF - CHAIN BLUE 57" - A4M00823

(2) JV - HAND GRIP BLUE 816 C/C - A4M00853

(2) HD - SWING SEAT BLUE 22" - A6P00133

(8) METAL RUNG 559 BLUE - A4M00585

(2) TA - LADDER RUNG BLUE - A4M00854

(2) SB - TRIANGLE PLATE BLUE 100 5 HOLE - A100309

(7) FX - HAND GRIP METAL BLUE 381 c/c - A4M00769

(3) L BRACKET BLUE 2.5x38x50x55 - A4M00584

(1) TELESCOPE - A6P00126

(6) LIME HC ROCK #2 - A6P00128

(6) BLUE HC ROCK #1 - A6P00041

(1) 5' TUBE SLIDE - 9188020

** SKYLINE RETREAT **

(1) 10' VAC SLIDE - 50240

** ROYAL RETREAT **

(1) HC - BYD ID TAG (LARGE) 2011 WITH AGES - A100164
Parts Identification

Accessories

(NOT TO SCALE)

(1) - SHIPS WHEEL BLUE/LIME - A6P00125

(2) - CHAIN SUPPORT BRACKET - A4M00632

(2) - TIE STRAP PLATE - A4M00631

(1) - SWING BEAM EXT BRACKET BLUE - RIGHT - A4M00512

(1) - SWING BEAM EXT. BRACKET BLUE - LEFT - A4M00511

(1) - 26” WEB SWING SEAT - A6P00253

(1) SQ - "A" REVISION TAG - A100314

(4) - QUICK LINK - A4M00633

(1) - SWING BEAM EXT BRACKET BLUE - A4M00925

(6) - SINGLE DUCTILE HANGER SD - A4M00926

(12) KC - METAL GROUND STAKE BROWN - A100178

(2) - EXTENDED SWING BEAM BRACKET - A4M00925
Parts Identification

Accessories

(NOT TO SCALE)

- GROUND STAKE - A4M00766
- U STEP ASSEMBLY - BLUE - A4M00915
- T-40 TORX BIT - A100042
- T-30 TORX BIT - H100147
- T-30 TORX WRENCH - H100114
- T-40 TORX WRENCH - A100041
- LADDER FOOT - A6P00190
- CLIMBING TREE 5' EXT - BLUE - A4M00916
- CLIMBING TREE TRUNK - BLUE - A4M00914
- PORCH SWING CHAIN - A4M00856
- SOLAR LIGHT - A6P00272
  1 7/8"x3 3/4"x4 7/8" (48x96x124)
- QUICK LINK SD - A4M00927
- CLIMBING TREE TRUNK - BLUE - A4M00914
- U STEP ASSEMBLY - BLUE - A4M00915
- QUICK LINK SD - A4M00927

(1) - GROUND STAKE - A4M00766
(1) - CLIMBING TREE 5' EXT
  - BLUE - A4M00916
(6) - U STEP ASSEMBLY - BLUE - A4M00915
(5) - SOLAR LIGHT - A6P00272
  1 7/8"x3 3/4"x4 7/8" (48x96x124)
(2) - T-30 TORX WRENCH - H100114
(2) - T-40 TORX BIT - A100042
(2) - T-30 TORX BIT - H100147
(1) - LADDER FOOT - A6P00190
(1) - CLIMBING TREE TRUNK - BLUE - A4M00914
(2) - PORCH SWING CHAIN - A4M00856
(2) - T-30 TORX WRENCH - H100114
(2) - T-40 TORX BIT - A100042
(1) - GROUND STAKE - A4M00766
(1) - CLIMBING TREE 5' EXT
  - BLUE - A4M00916
(6) - U STEP ASSEMBLY - BLUE - A4M00915
(5) - SOLAR LIGHT - A6P00272
  1 7/8"x3 3/4"x4 7/8" (48x96x124)
(2) - T-30 TORX WRENCH - H100114
(2) - T-40 TORX BIT - A100042
(2) - T-30 TORX BIT - H100147
(1) - LADDER FOOT - A6P00190
(1) - CLIMBING TREE TRUNK - BLUE - A4M00914
(2) - PORCH SWING CHAIN - A4M00856
(2) - T-30 TORX WRENCH - H100114
(2) - T-40 TORX BIT - A100042
(2) - T-30 TORX BIT - H100147
(1) - GROUND STAKE - A4M00766
(1) - CLIMBING TREE 5' EXT
  - BLUE - A4M00916
(6) - U STEP ASSEMBLY - BLUE - A4M00915
(5) - SOLAR LIGHT - A6P00272
  1 7/8"x3 3/4"x4 7/8" (48x96x124)
PORCH SWING
STEP 1

FIG. 1

SWING SEAT FRAME ASSEMBLY

FIG. 2

NOTE:
‘H08’ OFFSET

FIG. 3

SCREW PFH 8x1 3/4 BLK
(4 PLCS)
PORCH SWING
STEP 2

SWING BACK FRAME ASSEMBLY

NOTE:
‘H11’ OFFSET
PORCH SWING
STEP 3

NOTE:
ORIENTATION OF ASSEMBLIES
PORCH SWING
STEP 4

NOTE:
ORIENTATION OF ‘T3’ BOARDS
PORCH SWING
STEP 5

T2 - SWING BACK BOARD - W4L11243
1"x1 3/8"x48 5/8" (24x36x1234)

(10) SCREW PFH 8x1-1/2 BLK
(30 PLCS)

NOTE: ORIENTATION OF 'T2' BOARDS

SCREW PFH 8x1-1/2 BLK (30 PLCS)

56" TYP SPACING

T2

24 3/4

FLUSH

56" TYP

T2
PORCH SWING
STEP 6

FIG. 1

WASHER LOCK EXT 12x19 BLK
(2 PLCS)

NUT BARREL WH 5/16x7/8 BLK
(2 PLCS)

BOLT WH 5/16x2-1/4 BLK
(2 PLCS)

WASHER LOCK EXT 8x19 BLK
(2 PLCS)

FIG. 2

NUT LOCK 5/16 BLK
(1 PLC)

WASHER FLAT 9x18 BLK
(1 PLC)

CHAIN SUPPORT BRACKET
(1 PLC)

WASHER FLAT 9x18 BLK
(1 PLC)

NUT BARREL WH 5/16x7/8 BLK
(2 PLCS)

WASHER LOCK EXT 12x19 BLK
(2 PLCS)

BOLT WH 5/16x1 1/2 BLK
(2 PLCS)

WASHER LOCK EXT 8x19 BLK
(2 PLCS)

H10

E02
**PORCH SWING STEP 7**

**FIG. 1**

- **NUT BARREL WH 5/16x7/8 BLK** (2 PLYCS)
- **WASHER LOCK EXT 12x19 BLK** (2 PLYCS)
- **WASHER LOCK EXT 8x19 BLK** (2 PLYCS)
- **BOLT WH 5/16x2-1/4 BLK** (2 PLYCS)
- **SCREW PFH 8x2-1/2 BLK** (2 PLYCS)

**FIG. 2**

- **CHAIN SUPPORT BRACKET** (1 PLC)
- **WASHER FLAT 9x18 BLK** (2 PLYCS)
- **BOLT HEX 5/16x1-1/2 - BLK** (1 PLC)
- **BOLT WH 5/16x1 1/2 BLK** (2 PLYCS)
- **WASHER LOCK EXT 8x19 BLK** (2 PLYCS)
- **NUT LOCK 5/16 BLK** (1 PLC)
- **NUT BARREL WH 5/16x7/8 BLK** (2 PLYCS)
- **WASHER LOCK EXT 12x19 BLK** (2 PLYCS)
PORCH SWING

STEP 8

FIG. 1

QUICK LINK (2 PLCS)

TIGHTEN QUICK LINK

INSERT CHAIN INTO QUICK LINK

FIG. 2

QUICK LINK (2 PLCS)
SWINGBEAM ASSEMBLY

STEP 1

- A1 - SWING BEAM - W4L11376
  3 3/8"x5 1/4"x89 1/2" (86x134x2274)

- A2 - SB 9" BLOCK - W4L08962
  3 3/8"x5 1/4"x9" (86x134x228)

- SWING BEAM EXT. BRACKET BLUE - RIGHT - A4M00512
- SWING BEAM EXT. BRACKET BLUE - LEFT - A4M00511

- EXTENDED SWING BEAM BRACKET - A4M00925

- NUT BARREL WH 5/16x7/8 SD
  (10 PLCS)
- BOLT WH 5/16x3 SD
  (3 PLCS)

- BOLT WH 5/16x3 SD
  (3 PLCS)
- SWING BEAM EXT. BRACKET BLUE - LEFT
  (1 PLCS)
- SWING BEAM EXT BRACKET BLUE - RIGHT
  (1 PLCS)

- EXTENDED SWING BEAM BRACKET
  (2 PLCS)
SWINGBEAM ASSEMBLY
STEP 2

APPROXIMATE LOCATION AS SHOWN

T-NUT 3/8 SD
(12 PLCS)

SINGLE DUCTILE HANGER SD
(12 PLCS)

WASHER FLAT 11x25 SD
(12 PLCS)

WASHER LOCK INT 10x18 SD
(12 PLCS)

BOLT HEX 3/8x5 3/4 SD
(12 PLCS)
SWINGBEAM ASSEMBLY
STEP 3

- E50 - END SUPPORT - W4L11379
  1 3/8"x3 3/8"x44 1/8" (36x86x1120)

- SP50 - SWING BEAM SUPPORT - W4L11377
  3 3/8"x3 3/8"x49 3/8" (86x86x1254)

- G50 - GROUND BOARD - W4L11380
  1"x5 1/4"x86 3/4" (24x134x2202)

- E51 - ANGLE BRACE - W4L11378
  1 3/8"x3 3/8"x88 3/4" (36x86x2254)

- WASHER LOCK EXT 12x19 SD
  (1 PLC)

- NUT BARREL WH 5/16x7/8 SD
  (1 PLC)

- WASHER LOCK EXT 8x19 SD
  (1 PLC)

- WASHER LOCK EXT 12x19 SD
  (2 PLCS)

- NUT BARREL WH 5/16x7/8 SD
  (2 PLCS)

- WASHER LOCK EXT 12x19 SD
  (2 PLCS)

- WASHER LOCK EXT 8x19 SD
  (2 PLCS)

- BOLT WH 5/16x1 1/2 SD
  (2 PLCS)

- WASHER LOCK EXT 8x19 SD
  (4 PLCS)

- NUT BARREL WH 5/16x7/8 SD
  (4 PLCS)
SWINGBEAM ASSEMBLY
STEP 4

(1) SWING BEAM ASSEMBLY

BOLT WH 5/16x3 SD (2 PLCS)

NUT BARREL WH 5/16x7/8 SD (2 PLCS)

BOLT WH 5/16x3 SD (2 PLCS)
ROCK WALL ASSEMBLY
STEP 1

- E72 - LEFT RAIL - W4L11419
  1 3/8"x3 3/8"x61 3/4" (36x86x1570)

- E73 - RIGHT RAIL - W4L11420
  1 3/8"x3 3/8"x61 3/4" (36x86x1570)

- M74 - ROCK WALL BOARD - W4L11421
  5/8"x3 3/8"x26 5/8" (16x86x675)

- M75 - ROCK WALL BOARD - W4L11423
  5/8"x3 3/8"x26 5/8" (16x86x675)

- M76 - ROCK WALL BOARD - W4L11422
  5/8"x3 3/8"x26 5/8" (16x86x675)

- SCREW PFH 8x1 1/2 SD
  (72 PLCS)
ROCK WALL ASSEMBLY

STEP 2

T-NUT 5/16 SD
(2 PLCS)

M105

TOP

NOTE:
ORIENTATION OF 'M105'

SCREW PFH 8x1 1/2 SD
(4 PLCS)

FLUSH

NOTE:
USE PILOT HOLES TO ATTACH 'M105'
ROCK WALL ASSEMBLY
STEP 3

NOTE:
USE PILOT HOLES TO ATTACH 'M106'
ROCK WALL ASSEMBLY
STEP 4

FIG. 1

BACK VIEW

FIG. 2

FRONT VIEW

(6) - BLUE HC ROCK #1 - A6P00041
(6) - LIME HC ROCK #2 - A6P00128
MONKEY BAR ASSEMBLY

STEP 1

NOTE:
USE PILOT HOLES TO ATTACH METAL RUNGS

FIG. 1

FIG. 2
MONKEY BAR ASSEMBLY
STEP 2

**NOTE:**
USE PILOT HOLES TO ATTACH METAL RUNGS

- METAL RUNG 559 BLUE - A4M00585

(4) E79 - MONKEY BAR UPRIGHT - W4L11427
1 3/8"x3 3/8"x88 1/8" (36x86x2237)

(2) E79 - MONKEY BAR UPRIGHT - W4L11427
1 3/8"x3 3/8"x88 1/8" (36x86x2237)

(4) BOLT WH 5/16x1 1/2 SD

(4) LAG SCREW WH 5/16x1 1/2 SD

(4) T-NUT 5/16 SD

FIG. 1

BOLT WH 5/16x1 1/2 SD
(4 PLCS)

T-NUT 5/16 SD
(4 PLCS)

METAL RUNG 559 BLUE
(4 PLCS)

FIG. 2

LAG SCREW WH 5/16x1 1/2 SD
(8 PLCS)
**MONKEY BAR ASSEMBLY**

**STEP 3**

**FIG. 1**

- **BOLT HEX** 5/16x2-3/4 SD (2 PLCS)
- **WASHER LOCK INT 8x15 SD** (2 PLCS)
- **WASHER FLAT 9x18 SD** (2 PLCS)
- **T-NUT 5/16 SD** (2 PLCS)

**FIG. 2**

- **NUT BARREL WH 5/16x7/8 SD** (4 PLCS)
- **WASHER LOCK EXT 12x19 SD** (4 PLCS)
- **WASHER LOCK EXT 8x19 SD** (4 PLCS)
- **WASHER LOCK EXT 8x19** (4 PLCS)
- **BOLT WH 5/16x1 1/2 SD** (4 PLCS)

**FIG. 3**

- **LAG SCREW WH 5/16x2 SD** (4 PLCS)
- **WASHER LOCK** EXT 8x19 SD (4 PLCS)

**NOTE:**

Use holes to locate angle braces.
MONKEY BAR ASSEMBLY
STEP 4

NOTE:
USE PILOT HOLES TO ATTACH HAND GRIPS
LADDER ASSEMBLY
STEP 1

(20) SCREW PFH 8x2 1/2 SD

SCREW PFH 8x2 1/2 SD
(20 PLCS)

(1) E77 - LEFT UPRIGHT - W4L11414
1 3/8"x3 3/8"x64 3/8" (36x86x1634)

(1) E78 - RIGHT UPRIGHT - W4L11415
1 3/8"x3 3/8"x64 3/8" (36x86x1634)

(5) H76 - LADDER RUNG - W4L11416
1"x3 3/8"x18 1/8" (24x86x460)

E77 - LADDER RUNG - W4L11416
1 3/8"x3 3/8"x64 3/8" (36x86x1634)
LADDER ASSEMBLY
STEP 2

NOTE:
INSERT T-NUTS FIRST

M73

T-NUT 5/16 SD
(4 PLCS)

SCREW PFH 8x2 SD
(4 PLCS)

SCREW PFH 8x2 SD
(4 PLCS)
LADDER ASSEMBLY
STEP 3

NOTE:
USE PILOT HOLES TO ATTACH 'M110'
LADDER ASSEMBLY
STEP 4

BOLT WH 5/16x3 1/2 SD (4 PLCS)

HAND GRIP BLUE 816 C/C (2 PLCS)
CLIMBING TREE ASSEMBLY
STEP 1

CLIMBING TREE TRUNK - BLUE

WASHER FLAT 8.2X16 SD

NUT BARREL TPH 5/16x1 SD

WASHER LOCK INT 8.4x14.5 SD

U STEP - BLUE

WASHER FLAT 10.5X16 SD

BOLT TPH 5/16x1 1/4 SD
CLIMBING TREE ASSEMBLY
STEP 2

- CLIMBING TREE 5' EXT - BLUE - A4M00916

NUT BARREL TPH 5/16x1 SD (2)
NECK - BLUE
WASHER FLAT 10.5X16 SD
BOLT TPH 5/16x1 1/4 SD (2)  WASHER FLAT 10.5X16 SD (2)
WASHER LOCK INT 8.4x14.5 SD (2)

BOLT TPH 5/16x1 1/4 SD
WASHER FLAT 10.5X16 SD
WASHER LOCK INT 8.4x14.5 SD
WASHER FLAT 8.2X16 SD
CLIMBING TREE ASSEMBLY
STEP 3

SCREW TAPPING PPH 5x15mm SD (2 PLCS)

LADDER FOOT
STEP 1

NOTE: UPRIGHT ORIENTATION

T-NUT 5/16 SD (15 PLCS)

VERTICAL ID PLATE

NOTE: PILOT HOLE

FIG. 1

FIG. 2

FIG. 3

INTERIOR VIEW
(FRONT UPRIGHTS)
LARGE FORT
**STEP 2**

**NOTE:** UPRIGHT ORIENTATION

---

**FIG. 1**

- **G02**
- **WP1**
- **B02**

- BOLT WH 5/16x3 3/4 SD (3 PLCS)
- WASHER LOCK EXT 8x19 SD (3 PLCS)

---

**FIG. 2**

- **AD3**
- **WP1**

- BOLT WH 5/16x3 3/4 SD (6 PLCS)
- WASHER LOCK EXT 8x19 SD (6 PLCS)

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**EXTERIOR VIEW**

(FRONT WALL)

LARGE FORT
INTERIOR VIEW
(FRONT WALL)
LARGE FORT

NOTE:
INSERT T-NUTS FIRST

'P1' FLUSH TO TOP
OF UPRIGHTS

'H01' FLUSH TO BOTTOM OF UPRIGHTS

SCREW PFH 8x2 SD
(6 PLCS)

T-NUT 5/16 SD
(4 PLCS)

SCREW PFH 8x1 3/4 SD
(8 PLCS)

SCREW PFH 8x1 3/4 SD
(8 PLCS)

SCREW PFH 8x2 SD
(4 PLCS)

'SH01' FLUSH TO BOTTOM OF UPRIGHTS

STEP 3

WP1

H04

H01

B02

P1

G02

AD3

H04

WP1

H04

H01

B02

P1

G02

AD3
STEP 4

FIG. 1

NOTE:
UPRIGHT ORIENTATION

FIG. 2

FIG. 3

FIG. 4

INTERIOR VIEW
(BACK UPRIGHTS)
LARGE FORT
**STEP 5**

**NOTE:**
**UPRIGHT ORIENTATION**

**FIG. 1**

- **BOLT WH 5/16x3 3/4 SD** (3 PLCS)
- **WASHER LOCK EXT 8x19 SD** (3 PLCS)

**FIG. 2**

- **LAG SCREW WH 5/16x2 SD** (3 PLCS)
- **WASHER LOCK EXT 8x19 SD** (3 PLCS)

**FIG. 3**

- **BOLT WH 5/16x3 3/4 SD** (6 PLCS)
- **WASHER LOCK EXT 8x19 SD** (6 PLCS)

---

**EXTERIOR VIEW**

(Back Wall)

LARGE FORT
STEP 6

NOTE: INSERT T-NUTS FIRST

FIG. 1

FLUSH TO TOP OF UPRIGHT

FIG. 2

INTERIOR VIEW
(BACK WALL)
LARGE FORT
**STEP 7**

**NOTE:**
ALL BOARD ORIENTATION

**FIG. 1**

BOLT WH 5/16x3 3/4 SD (4 PLCS)

WASHER LOCK EXT 8x19 SD (4 PLCS)

**FIG. 2**

BOLT WH 5/16x3 3/4 SD (8 PLCS)

WASHER LOCK EXT 8x19 SD (8 PLCS)

**FIG. 3**

WASHER LOCK EXT 8x19 (2 PLCS)

LAG SCREW WH 5/16x2 SD (2 PLCS)

**EXTERIOR VIEW**
(LEFT & RIGHT SIDES)
LARGE FORT
STEP 8

INTERIOR VIEW
(CENTER UPRIGHT - LEFT SIDE)
LARGE FORT

FIG. 1

FIG. 2

FIG. 3

LAG SCREW WH 5/16x2 SD
(2 PLCS)

LAG SCREW WH 5/16x3 SD
(4 PLCS)

LAG SCREW WH 5/16x2 SD
(2 PLCS)

LAG SCREW WH 5/16x3 SD
(2 PLCS)

T-NUT 5/16 SD
(2 PLCS)

T-NUT 5/16 SD
(2 PLCS)

‘E07’ FLUSH TO ‘G04’

BOLT WH 5/16x3 3/4 SD
(1 PLC)

BOLT WH 5/16x3 3/4 SD
(1 PLC)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

WASHER LOCK EXT 8x19 SD
(5 PLCS)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

E07 - BRIDGE SUPPORT - W4L11359
1 3/8"x3 3/8"x41 5/8" (36x86x1058)

H46 - WALL RAIL - W4L08775
1"x3 3/8"x42 1/2" (24x86x1081)

B02 - UPRIGHT - W4L11253
3"x3"x59" (76x76x1500)
STEP 9

SCREW PFH 8x2 SD
(14 PLCS)

FIG. 1

FIG. 2

INTERIOR VIEW
(FLOOR JOISTS)
LARGE FORT
STEP 10

NOTE:
(1) TWIST STAKES INTO GROUND AGAINST GROUND BOARDS IN LOCATIONS SHOWN.

(2) USING STAKE AS A TEMPLATE, DRILL HOLE THRU GROUND BOARD FOR HARDWARE USING 7/16 DRILL.

NOTE:
FAILURE TO USE GROUND ANCHORS CAN VOID WARRANTY & CAUSE INJURY!
INTERIOR VIEW
(PICNIC UPRIGHT)
LARGE FORT
STEP 12

INTERIOR VIEW
(OUTER FLOOR BOARDS)
LARGE FORT

SCREW PFH 8x1 1/4 SD
(6 PLCS)

SCREW PFH 8x1 1/4 SD
(5 PLCS)
STEP 13

INTERIOR VIEW
(FLOOR PANELS)
LARGE FORT

(1) FP2 - FLOOR PANEL - W2A02191
1 1/4"x10 1/4"x80 1/4" (32x346x2038)

(2) FP1 - FLOOR PANEL - W2A02190
1 1/4"x17"x80 1/4" (32x432x2038)

(1) FP3 - FLOOR PANEL - W2A02192
1 1/4"x13 5/8"x80 1/4" (32x346x2038)

SCREW PFH 8x1 1/4 SD (90 PLCS)
STEP 14

PICKET DIAGRAM

FIG. 1

INTERIOR VIEW
(BACK WALL)

LARGE FORT

3 1/8 TYP

3 1/8

SCREW PFH 8x1 1/4 SD

(32) PLCS

M08

M08

M08

M08

SCREW PFH 8x1 1/4 SD

(32) PLCS

(8) M08 - PICKET - W4L11269

5/8"x3 3/8"x27" (16x86x686)
STEP 16

LOCATE SUPPORTS USING PILOT HOLES

WASHER LOCK EXT 8x19 SD (4 PLCS)
LAG SCREW WH 5/16x3 SD (4 PLCS)
WASHER LOCK EXT 12x19 SD (4 PLCS)
NUT BARREL WH 5/16x7/8 SD (4 PLCS)
LAG SCREW WH 5/16x3 SD (4 PLCS)
WASHER LOCK EXT 8x19 SD (4 PLCS)

WASHER LOCK EXT 8x19 SD (4 PLCS)
BOLT WH 5/16x2 1/2 SD (4 PLCS)
WASHER LOCK EXT 8x19 SD (4 PLCS)
LAG SCREW WH 5/16x2 1/2 SD (4 PLCS)
WASHER LOCK EXT 8x19 SD (4 PLCS)

B01

E04

E09

E10

E04

B05

E09

E04

INTERIOR VIEW
(PICNIC TABLE & BENCHES SUPPORTS)
LARGE FORT
STEP 17

FIG. 1

B01

SCREW PFH 8x2 SD
(20 PLCS)

PP1

PP2

FIG. 2

PP1

FLUSH

SCREW PFH 8x2 SD
(8 PLCS)

SCREW PFH 8x2 SD
(8 PLCS)

2 3/8"

PP1

PP2

PP2

PP2

B01

LEFT SIDE

INTERIOR VIEW
(PICNIC TABLE & BENCHES)
LARGE FORT
**STEP 18**

**NOTE:**
**FLUSH BOTTOM OF ALL 'H' JOISTS TO BOTTOM OF BOTH 'G' RAILS**

**FIG. 1**

**FIG. 2**

**INTERIOR VIEW**
(Overhead - Deck Floor Joists)
LARGE FORT
STEP 19

DECK FLOOR LAYOUT

FIG. 1

FRONT

FIG. 2

SCREW PFH 8x1 1/4 SD
(100 PLCS)

FIG. 3

INTERIOR VIEW
(OVERHEAD - DECK)
LARGE FORT

M04 - FLOOR BOARD - W4L11273
5/8"x3 3/8"x80 1/4" (16x76x2038)

M05 - FLOOR BOARD - W4L11272
5/8"x3"x80 1/4" (16x76x2038)

(3) M05 - FLOOR BOARD - W4L11273
5/8"x3 3/8"x80 1/4" (16x76x2038)

(2) M05 - FLOOR BOARD - W4L11272
5/8"x3"x80 1/4" (16x76x2038)

(3) FP1 - FLOOR PANEL - W2A02501
1 1/4"x17"x80 1/4" (32x432x2038)

M04 - FLOOR BOARD - W4L11273
5/8"x3 3/8"x80 1/4" (16x76x2038)

M05 - FLOOR BOARD - W4L11272
5/8"x3"x80 1/4" (16x76x2038)

(3) FP1 - FLOOR PANEL - W2A02501
1 1/4"x17"x80 1/4" (32x432x2038)
FIG. 1  BACK RIGHT CORNER

FIG. 2

T-NUT 5/16 SD (4 PLCS)

LAG SCREW WH 5/16x2 1/2 SD (4 PLCS)

E01 - GUSSET - W4L11279 1 3/8"x3 3/8"x20" (36x86x508)

WASHER LOCK EXT 8x19 SD (4 PLCS)

FLUSH TO FLOOR SUPPORT

BOLT WH 5/16x2 1/4 SD (4 PLCS)

FLUSH TO FLOOR

INTERIOR VIEW (GUSSETS - RIGHT SIDE)
LARGE FORT
STEP 21

NOTE:
UPRIGHT ORIENTATION

LAG SCREW WH 5/16x2 SD
(2 PLCS)

T-NUT 5/16 SD
(2 PLCS)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

B09

B16

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x3 3/4 SD
(2 PLCS)

B16

WASHER LOCK EXT 8x19 SD
(2 PLCS)

B09

EXTERIOR VIEW
(FRONT UPPER UPRIGHTS)
LARGE FORT
STEP 22

HARDWARE ORIENTATION

BOLT WH 5/16x3 3/4 SD
(7 PLCS)

WASHER LOCK EXT 8x19 SD
(7 PLCS)

T-NUT 5/16 SD
(7 PLCS)

NOTE:

HARDWARE ORIENTATION

EXTERIOR VIEW
(FRONT UPPER RAILS)
LARGE FORT

ROYAL RETREAT
BOLT ORIENTATION

LEFT FRONT CORNER

LEFT SIDE 'G07'

FRONT
STEP 23

EXTERIOR VIEW
(FRONT SLIDE UPRIGHTS)
LARGE FORT

(2) G05 - WALL BOARD - W4L08772
1"x5 1/4"x30" (24x134x762)

(2) G06 - WALL BOARD - W4L08773
1"x5 1/4"x23 1/2" (24x134x596)

'G06' USED ONLY ON SKYLINE RETREAT

** SKYLINE RETREAT **
USING 'G06' AS A GUIDE, DRILL (2) 3/8"
THRU HOLES IN 'G05'
(4 PLCS)

T-NUT 5/16 SD
(4 PLCS)

WASHER LOCK EXT 8x19 SD
(4 PLCS)

BOLT WH 5/16x1 3/4 SD
(4 PLCS)

** ROYAL RETREAT **
HARDWARE QUANTITIES WILL BE (4) EACH

NOTE:
'G6' ORIENTATION

FIG. 1

FIG. 2
STEP 24

FIG. 1

LAG SCREW WH 5/16x2 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (2 PLCS)
BOLT WH 5/16x3 3/4 SD (1 PLC)

NOTE:
UPRIGHT ORIENTATION

FIG. 2

WASHER LOCK EXT 8x19 SD (1 PLC)
T-NUT 5/16 SD (1 PLC)
BOLT WH 5/16x3 3/4 SD (1 PLC)

FIG. 3

LEFT BACK CORNER

B08 - UPRIGHT - W4L11284 3"x3"x79" (76x76x199)
(1)
B06 - UPRIGHT - W4L11283 3"x3"x54" (76x76x137)
(1)
B18 - UPRIGHT - W4L11285 3"x3"x66" (76x76x167)
(1)

EXTERIOR VIEW
(BACK DECK UPRIGHTS)
LARGE FORT
STEP 26

**NOTE:** 'H14' & 'H22' ORIENTATION

EXTERIOR VIEW

FIG. 1

- T-NUT 5/16 SD (4 PLCS)
- WASHER LOCK EXT 8x19 SD (2 PLCS)
- LAG SCREW WH 5/16x2 SD (2 PLCS)

FIG. 2

- T-NUT 5/16 SD (4 PLCS)
- WASHER LOCK EXT 8x19 SD (4 PLCS)
- BOLT WH 5/16x3 3/4 SD (4 PLCS)

RIGHT SIDE

H14 - RAIL - W4L08777
1"x5 1/4"x80 1/4" (24x134x2038)

H22 - WALL RAIL - W4L11286
1"x3 3/8"x80 1/4" (24x86x2038)

Refer to FIG. 1 and FIG. 2 for detailed assembly instructions.

LARGE FORT
STEP 27

EXTERIOR VIEW
(RIGHT INNER UPRIGHTS & RAIL)
LARGE FORT
STEP 28

NOTE:
'M25' & 'M54' ORIENTATION

NOTE:
WALL BOARDS EVENLY SPACED

INTERIOR VIEW
(RIGHT CENTER UPPER WALL)
LARGE FORT
STEP 29

INTERIOR VIEW
(RIGHT OUTER UPPER WALL)

LARGE FORT

NOTE:
WALL BOARDS EVENLY SPACED

SCREW PFH 8x1 1/4 SD
(60 PLCS)
INTERIOR VIEW
(LEFT UPPER WALL)
LARGE FORT

STEP 30

FIG. 1

BOLTS WH 5/16x3 3/4 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (5 PLCS)
LAG SCREW WH 5/16x2 SD (5 PLCS)

FIG. 2

T-NUT 5/16 SD (1 PLC)
BOLT WH 5/16x3 3/4 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (1 PLC)
STEP 31

FIG. 2

NOTE:
'N1' PLACEMENT
(2 PLCS)

FIG. 3

NOTE:
WALL BOARDS
EVENLY SPACED

M09

N1

FIG. 1

SCREW PFH 8x1 1/4 SD
(44 PLCS)

FRONT
RIGHT CORNER

INTERIOR VIEW
(UPPER RIGHT CENTER WALL)
LARGE FORT

M09 - WALL BOARD - W4L11292
5/8”x3 3/8”x30” (16x86x762)

(9)

N1 - WALL BOARD - W4L11293
5/8”x2 3/8”x30” (16x60x762)

(2)

NOTE:
WALL BOARDS
EVENLY SPACED

N1

M09

N1

N1

M09

N1

N1
**NOTE:**
'M09' WALL BOARDS EVENLY SPACED

**INTERIOR VIEW**
(UPPER FRONT SLIDE WALL)
LARGE FORT

**FIG. 1**

**FIG. 2**

**FIG. 3**

**STEP 32**

*FIG. 2*

**NOTE:**
'M09' WALL BOARDS EVENLY SPACED

**INTERIOR VIEW**
(UPPER FRONT SLIDE WALL)
LARGE FORT

**FIG. 1**

**FIG. 2**

**FIG. 3**

**NOTE:**
'M09' WALL BOARDS EVENLY SPACED

**INTERIOR VIEW**
(UPPER FRONT SLIDE WALL)
LARGE FORT

**FIG. 1**

**FIG. 2**

**FIG. 3**

**NOTE:**
'M09' WALL BOARDS EVENLY SPACED

**INTERIOR VIEW**
(UPPER FRONT SLIDE WALL)
LARGE FORT
STEP 33

EXTERIOR VIEW
(BACK WALL PICKETS)
LARGE FORT

FIG. 3

N5

H25

B08

FIG. 2

B06

H25

N5

N5

FIG. 1

N5

H25

B08

FLUSH

SCREW PFH 8x1 1/4 SD
(8 PLCS)

(2) N5 - PICKET - W4L08774
5/8"x2 3/8"x30" (16x60x762)
STEP 34

**FIG. 1**

- **L BRACKET** (1 PLC)
- **T-NUT 5/16 SD** (1 PLC)
- **BOLT WH 5/16x2-1/2 SD** (2 PLCS)
- **LAG SCREW WH 5/16x2 SD** (1 PLC)
- **LAG SCREW WH 5/16x2-1/2 SD** (2 PLCS)
- **LAG SCREW WH 5/16x2 SD** (2 PLCS)
- **LAG SCREW WH 5/16x2 SD** (3 PLCS)
- **NUT BARREL WH 5/16x7/8 SD** (1 PLC)
- **WASHER LOCK EXT 12x19 SD** (1 PLC)
- **BOLT WH 5/16x1-3/4 SD** (1 PLC)
- **BOLT WH 5/16x1/2 SD** (1 PLC)
- **BOLT WH 5/16x1 SD** (1 PLC)
- **L BRACKET** BLUE 2.5x38x50x55 - A4M00584 (1)

**NOTE:** DRILL 3/8” HOLE THRU FLOOR. USE L BRACKET AS A GUIDE.

**FIG. 2**

- **WASHER LOCK EXT 8x19 SD** (6 PLCS)
- **BOLT WH 5/16x2 1/4 SD** (1 PLC)
- **WASHER LOCK EXT 12x19 SD** (1 PLC)
- **T-NUT 5/16 SD** (2 PLCS)
- **NUT BARREL WH 5/16x7/8 SD** (1 PLC)

**FIG. 3**

- **WASHER LOCK EXT 8x19 SD** (3 PLCS)
- **LAG SCREW WH 5/16x2 1/2 SD** (1 PLC)

**EXTERIOR VIEW**

(UPPER CENTER WALL FRAME)

LARGE FORT
**NOTE:**

'AD2' ORIENTATION

---

**FIG. 1**
- AD2 - RAIL - W4L11301
  1"x4"x80 1/4" (24x102x2038)
- H37 - ROOF RAIL - W4L11300
  1"x3 3/8"x46 1/4" (24x86x1176)
- SCREW PFH 8x2 SD (4)
- T-NUT 5/16 SD (4)
- WASHER LOCK EXT 8x19 SD (4)
- AD2 - RAIL - W4L11301
- H37 - ROOF RAIL - W4L11300

**FIG. 2**
- H37
- T-NUT 5/16 SD (2 PLCS)
- TOP
- BOLT WH 5/16x3 3/4 SD (2 PLCS)
- WASHER LOCK EXT 8x19 SD (2 PLCS)
- BOLT WH 5/16x3 3/4 SD (2 PLCS)

---

**EXTERIOR VIEW**

(RIGHT ROOF ASSEMBLY)

LARGE FORT

---

**STEP 35**
STEP 36

(2) H35 - ROOF RAIL - W4L11302
1”x3”x43 1/2” (24x76x1105)

FIG. 1

FIG. 2

EXTERIOR VIEW
(RIGHT ROOF - CENTER TRUSSES)
LARGE FORT
STEP 37

FIG. 1

FIG. 2

EXTERIOR VIEW
(RIGHT ROOF PANELS)
LARGE FORT
STEP 38

EXTERIOR VIEW
(LEFT ROOF OUTER TRUSSES)
LARGE FORT

NOTE:
‘H36’ ORIENTATION

(2) H36 - ROOF RAIL - W4L08766
1"x3 3/8"x40 3/8" (24x86x1024)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x3 3/4 SD
(2 PLCS)

FIG. 2

T-NUT 5/16 SD
(2 PLCS)

FIG. 1

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x3 3/4 SD
(2 PLCS)

T-NUT 5/16 SD
(2 PLCS)
FIG. 1

INTERIOR VIEW (CENTER WALL)
LARGE FORT

FIG. 2

STEP 39

H34 - ROOF RAIL - W4L08767
1"x3"x34 7/8" (24x76x886)

(2)

(8) SCREW PFH 8x1 1/2 SD

SCREW PFH 8x1 1/2 SD
(4 PLCS)

N3

H06

E05

H34

B07

H34

H34

H06

E05

B07

LEFT SIDE
FRONT
**STEP 41**

**FIG. 1**

**NOTE:**

WALL BOARD ORIENTATION

**FIG. 2**

**INTERIOR VIEW**

(UPPER CENTER WALL)

LARGE FORT
STEP 42

NOTE:
WALL BOARDS EVENLY SPACED

FIG. 1

NOTE:
REPEAT FOR FRONT RIGHT SIDE GABLE

INTERIOR VIEW
(RIGHT SIDE GABLES)
LARGE FORT

FIG. 2

SCREW PFH 8x1 1/4 SD
(36 PLCS)

[Diagram showing the assembly of a structure with wall boards and gables, with notes on repeat patterns and dimensions.]
STEP 43

NOTE:
WALL BOARDS EVENLY SPACED

FIG. 1

NOTE:
SLIDE 'M19' BETWEEN 'H06' RAIL & 'H36' TRUSS

FIG. 2

NOTE:
REPEAT FOR FRONT LEFT SIDE GABLE

INTERIOR VIEW
(LEFT SIDE GABLES)
LARGE FORT
NOTE:
UPRIGHT ORIENTATION

STEP 44

B10 - UPRIGHT - W4L11320
3"x3"x59" (76x76x1500)

B12 - UPRIGHT - W4L11321
3"x3"x59" (76x76x1500)

INTERIOR VIEW
(RIGHT SIDE UPRIGHTS)
SMALL FORT
**Figure 1**

- **BOLT WH 5/16x2 1/4 SD** (2 PLCS)
- **BOLT WH 5/16x3 3/4 SD** (3 PLCS)
- **WASHER LOCK EXT 8x19 SD** (7 PLCS)
- **LAG SCREW WH 5/16x2 1/2 SD** (2 PLCS)
- **T-NUT 5/16 SD** (2 PLCS)

**Figure 2**

- **WASHER LOCK EXT 8x19 SD** (6 PLCS)
- **BOLT WH 5/16x3 3/4 SD** (6 PLCS)

**Exterior View**
(Right Side Wall)
Small Fort
STEP 46

NOTE: UPRIGHT ORIENTATION

INTERIOR VIEW
(CENTER SIDE UPRIGHTS)
SMALL FORT
STEP 47

**FIG. 1**

- **G12** - DECK RAIL - W4L11330
  1"x5 1/4"x59 1/2" (24x134x1510)
  - 19 5/16

- **BOLT WH 5/16x3 3/4 SD** (6)
- **WASHER LOCK EXT 8x19 SD** (6)

**FIG. 2**

- **H29**
- **LAG SCREW WH 5/16x2 SD** (2 PLCS)
- **WASHER LOCK EXT 8x19 SD** (2 PLCS)

**FIG. 3**

- **G18 - GROUND BOARD - W4L11317**
  1"x5 1/4"x59 1/2" (24x134x1510)
- **BOLT WH 5/16x3 3/4 SD** (8)
- **WASHER LOCK EXT 8x19 SD** (8)

**NOTE:**
'H29' PLACEMENT

**EXTERIOR VIEW**
(CENTER WALL RAILS)
SMALL FORT
STEP 48

NOTE:
'B11' ORIENTATION
(2 PLCS)

FIG. 1

FIG. 2

FIG. 3

FIG. 4

B11 - UPRIGHT - W4L11319
3"x3"x72 3/4" (76x76x1848)

B13 - UPRIGHT - W4L11323
3"x3"x16 1/2" (76x76x420)

(10) T-NUT 5/16
SD

(2) T-NUT 5/16 SD

EXTERIOR VIEW
(LEFT SIDE UPRIGHTS)
SMALL FORT

NOTE:
ORIENTATION OF PILOT HOLES

B11

B11

B13

B11

B13

B11
**STEP 49**

**FIG. 1**

LAG SCREW WH 5/16x2 SD  
(2 PLCS)  

WASHER LOCK EXT 8x19 SD  
(8 PLCS)

**FIG. 2**

BOLT WH 5/16x3 3/4 SD  
(6 PLCS)  

M06 - WALL RAIL - W4L11353  
5/8"x3 3/8"x59 1/2" (16x86x1510)  

G17 - GROUND BOARD - W4L11322  
1"x5 1/4"x59 1/2" (24x134x1510)  

WASHER

LAG SCREW WH 5/16x2 SD  
(2 PLCS)

BOLT WH 5/16x3 3/4 SD  
(6 PLCS)  

EXTERIOR VIEW  
(LEFT WALL RAILS)  
SMALL FORT
FIG. 2

NOTE:
NO HARDWARE
HERE IN THIS STEP

FIG. 3

FIG. 4

STEP 50

EXTERIOR VIEW
(FRONT & BACK ATTACHMENT)
SMALL FORT
NOTE:
POSITION SMALL FORT FRAME AS SHOWN

EXTERIOR VIEW
(FORT POSISITIONING FOR BRIDGE)
**STEP 53**

**NOTE:**

MAKE AN OPPOSITE FRONT ASSEMBLY

---

**EXTERIOR VIEW**

(BRIDGE RAIL ASSEMBLY)
STEP 54

**FIG. 1**

- **BOLT WH 5/16x1/2 SD**
  - (4 PLCS)
- **E06**
- **G08**
- **WASHER LOCK EXT 12x19 SD**
  - (4 PLCS)
- **NUT BARREL WH 5/16x7/8 SD**
  - (4 PLCS)

**FIG. 2**

- **BOLT WH 5/16x1/2 SD**
  - (4 PLCS)
- **E06**
- **G08**
- **WASHER BARREL WH 5/16x7/8 SD**
  - (4 PLCS)
- **NUT BARREL WH 5/16x7/8 SD**
  - (4 PLCS)

---

**EXTERNAL VIEW**

(BRIDGE RAIL ATTACHMENT)

BOTH FORTS
LEFT SIDE ASSEMBLY
(SMALL FORT)

NOTE:
BRIDGE RAILS NOT
SHOWN FOR CLARITY

EXTERIOR VIEW
(LEFT SIDE WALL)
SMALL FORT
**STEP 56**

**INTERIOR VIEW**
(SERVING STATION SUPPORT)  
SMALL FORT

---

**NOTE:**

'H31' ORIENTATION

---

**NOTE:**

BRIDGE RAILS NOT SHOWN FOR CLARITY

---

(H31 - SUPPORT - W4L11326)  
1"x3 3/8"x6" (24x86x152)

---

(2) SCREW PFH 8x2 SD

---

SCREW PFH 8x2 SD  
(2 PLCS)
STEP 57

INTERIOR VIEW
(CENTER SERVING WALL)
SMALL FORT

NOTE:
WALL BOARDS EVENLY SPACED

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

M08 - PICKET - W4L11269
5/8"x3 3/8"x27" (16x86x686)
(15)

N2 - WALL BOARD - W4L11349
5/8"x2 3/8"x27" (16x60x686)
(1)

SCREW PFH
8x1 1/4 SD
(62)

(62) SCREW PFH
8x1 1/4 SD

M08
N2

M08
N2

M08

SCREW PFH 8x1 1/4 SD
(62 PLCS)
**STEP 58**

**FIG. 1**

- **NOTE:** 'J1' ORIENTATION

**FIG. 2**

- **NOTE:** BRIDGE RAILS NOT SHOWN FOR CLARITY

**INTERIOR VIEW**

(SERVING TABLE on MIDDLE WALL)

SMALL FORT

- **SCREW PFH 8x1 3/4 SD (12 PLCS)**
- **LAG SCREW WH 1/4x2-1/2 SD (2 PLCS)**
- **WASHER LOCK EXT 6x15 SD (2 PLCS)**

**PARTS LIST**

(1) PP3 - SERVING TABLE - W2A02506
1 5/8”x10 1/2”x59 1/2” (40x268x1510)

(2) J1 - GUSSET - W4L11332
1”x2 3/8”x10 3/4” (24x60x274)
STEP 59

EXTERIOR VIEW
(LEFT SIDE SERVING BENCH)
SMALL FORT

FIG. 1

NOTE:
'H30' ORIENTATION

FIG. 2

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

LAG SCREW WH 5/16x2 SD
(4 PLCS)

WASHER LOCK EXT 8x19 SD
(4 PLCS)

WASHER LOCK EXT 8x19 SD
(4 PLCS)

LAG SCREW WH 5/16x2 SD
(4 PLCS)

H30 - BENCH SUPPORT - W4L11324
1"x3 3/8"x6" (24x86x152)
(1) PP4 - SERVING BENCH - W2A02195
1 5/8"x6"x59 1/2" (40x152x1510)

EXTERIOR VIEW
(LEFT SIDE SERVING BENCH)
SMALL FORT
STEP 61

INTERIOR VIEW
(MIDDLE SERVING WALL)
SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY
STEP 62

OVERHEAD VIEW
(DECK)
SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

(2) FP4 - FLOOR PANEL - W2A02197
1 1/4"x20 3/8"x59 1/2" (32x519x1510)

SCREW PFH 8x1 1/4 SD
(48 PLCS)
STEP 63

EXTERIOR VIEW
(FRONT UPPER UPRIGHTS)
SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY
STEP 64

NOTE: UPRIGHT ORIENTATION

EXTERIOR VIEW
(DECK UPRIGHTS - BACK SIDE)
SMALL FORT
**STEP 66**

- **M09** WALL BOARDS EVENLY SPACED

- **M14** WALL BOARD - W4L11358
  - 5/8"x3 3/8"x30" (16x86x762)

- **M09** WALL BOARD - W4L11292
  - 5/8"x3 3/8"x30" (16x86x762)

- **N1** WALL BOARD - W4L11293
  - 5/8"x2 3/8"x30" (16x60x762)

**NOTE:**
- 'M09' WALL BOARDS EVENLY SPACED
- 'M14' ORIENTATION
- BRIDGE RAILS NOT SHOWN FOR CLARITY

**INTERIOR VIEW**
(LEFT DECK WALL)
SMALL FORT

**NOTE:**
BRIDGE RAILS NOT SHOWN FOR CLARITY
STEP 67

INTERIOR VIEW
(RIGHT UPPER DECK WALL)
SMALL FORT

NOTE:
WALL BOARDS
EVENLY SPACED

SCREW PFH 8x1 1/4 SD
(20 PLCS)

(2) N1 - WALL BOARD - W4L11293
5/8"x2 3/8"x30" (16x60x762)

(3) M09 - WALL BOARD - W4L11292
5/8"x3 3/8"x30" (16x86x762)

N1
M09
N1
N1
N1

FRONT

LEFT SIDE
STEP 68

INTERIOR VIEW
(FRONT UPPER DECK WALL)
SMALL FORT

NOTE:
'M13' ORIENTATION

BOLT WH 5/16x1 1/2 SD
(4 PLCS)

WASHER LOCK EXT 8x19 SD
(4 PLCS)

M13 - WALL BOARD - W4L11341
5/8"x3 3/8"x30" (16x86x762)

(2) M13 - WALL BOARD - W4L11341
5/8"x3 3/8"x30" (16x86x762)

(4) BOLT WH 5/16x1 1/2 SD
(4) WASHER LOCK EXT 8x19 SD
(4) T-NUT 5/16 SD
STEP 69

INTERIOR VIEW
(BACK UPPER DECK WALL)
SMALL FORT

H17
M09
M09

SCREW PFH 8x1 1/4 SD
(16 PLCS)

(4) M09 - WALL BOARD - W4L11292
5/8"x3 3/8"x30" (16x86x762)

(16) SCREW PFH 8x1 1/4 SD
(16)

FRONT
STEP 70

NOTE: 'G20' ORIENTATION

EXTERIOR VIEW
(ROOF RAILS)
SMALL FORT
STEP 71

FIG. 2

FIG. 1

INTERIOR VIEW
(LEFT UPPER WALL)
SMALL FORT
STEP 72

**FIG. 1**

RIGHT SIDE GABLE

- **NOTE:** EVENLY SPACE GABLE BOARDS

INTERIOR VIEW (GABLE ASSEMBLY) SMALL FORT

**FIG. 2**

- **NOTE:** LEFT SIDE BACK SHOWN. REPEAT FOR FRONT ASSEMBLY.

<table>
<thead>
<tr>
<th>WALL BOARD</th>
<th>QUANTITY</th>
<th>SIZE</th>
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</thead>
<tbody>
<tr>
<td>M43 - WALL BOARD - W4L11401</td>
<td>4</td>
<td>5/8&quot;x3 3/8&quot;x11 5/8&quot; (16x86x294)</td>
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<tr>
<td>M44 - WALL BOARD - W4L11402</td>
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<td>5/8&quot;x3 3/8&quot;x21 3/8&quot; (16x86x543)</td>
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<tr>
<td>M45 - WALL BOARD - W4L11403</td>
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<td>5/8&quot;x3 3/8&quot;x19 3/8&quot; (16x86x493)</td>
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<tr>
<td>M46 - WALL BOARD - W4L11404</td>
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<td>5/8&quot;x3 3/8&quot;x17 1/2&quot; (16x86x443)</td>
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<td>M47 - WALL BOARD - W4L11405</td>
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<td>5/8&quot;x3 3/8&quot;x15 1/2&quot; (16x86x394)</td>
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<tr>
<td>M48 - WALL BOARD - W4L11406</td>
<td>4</td>
<td>5/8&quot;x3 3/8&quot;x13 1/2&quot; (16x86x344)</td>
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<tr>
<td>Y2 - WALL BOARD - W4L11407</td>
<td>1</td>
<td>5/8&quot;x3 3/8&quot;x19 3/8&quot; (16x86x493)</td>
</tr>
<tr>
<td>M43 - WALL BOARD - W4L11401</td>
<td>(120) SCREW PFH 8x1 1/4 SD</td>
<td></td>
</tr>
</tbody>
</table>
FIG. 2

**SCREW PFH 8x2 SD (12 PLCS)**

RP8

FIG. 1

EXTERIOR VIEW
(FRONT ROOF PANELS)
SMALL FORT
STEP 74

(1) RP8 - ROOF PANEL - W2A02518
1 9/16"x12 5/8"x47 3/8" (40x322x1204)

(1) RP9 - ROOF PANEL - W2A02519
1 9/16"x12 5/8"x47 3/8" (40x322x1204)

(1) RP10 - ROOF PANEL - W2A02520
1 9/16"x13 1/4"x47 3/8" (40x335x1204)

EXTERIOR VIEW
(BACK ROOF PANELS)
SMALL FORT
STEP 75

INTERIOR VIEW
(PORCH SIDE WINDOW FRAME)
SMALL FORT
STEP 76

NOTE: ‘Q1’ ORIENTATION

EXTERIOR VIEW
(PORCH OUTER ROOF TRUSSES)
SMALL FORT
STEP 77

EXTERIOR VIEW
(PORCH ROOF CENTER TRUSS)
SMALL FORT

H27 - ROOF JOIST - W4L08780
1" x 3 3/8" x 28 3/4" (24 x 86 x 730)

SCREW PFH 8x1 1/2 SD
(2 PLCS)

SCREW PFH 8x2 SD
(2 PLCS)

SCREW PFH 8x1 1/2 SD
(2 PLCS)

H27

H19

H42

Q1

H27

LEFT SIDE

Q1

H42

FRONT
STEP 78

NOTE:
Panel Orientation

FIG. 1

(1) RP11 - ROOF PANEL - W2A02521
1 9/16"x16 1/4"x66 1/16" (40x413x1678)

(1) RP12 - ROOF PANEL - W2A02522
1 9/16"x12 11/16"x66 1/16" (40x323x1678)

FIG. 2

SCREW PFH 8x1 1/4 SD (7 PLCS)

SCREW PFH 8x2 SD (8 PLCS)

H42
Q1
RP11
RP12
EXTerior VIEW
(PorCh Roof Panels)
Small fort
Note: It is vital that the fort be leveled before and after each phase of assembly.
STEP 80

INTERIOR VIEW
(PORCH GABLE INSTALLATION)
SMALL FORT

**NOTE:**
REPEAT FOR FRONT GABLE

SCREW PFH 8x1 1/8 SD
(20 PLCS)

M41 - WALL BOARD - W4L11399
5/8"x3 3/8"x10 1/2" (16x86x268)
(2)

M39 - WALL BOARD - W4L11396
5/8"x3 3/8"x16 1/2" (16x86x418)
(2)

M22 - WALL BOARD - W4L11398
5/8"x3 3/8"x12 1/2" (16x86x318)
(2)

M40 - WALL BOARD - W4L11397
5/8"x3 3/8"x14 1/2" (16x86x368)
(2)

M38 - WALL BOARD - W4L11395
5/8"x3 3/8"x18 3/8" (16x86x468)
(2)

FLUSH GABLE BOARDS WITH 'M07' RAIL

NOTE:
REPEAT FOR FRONT GABLE
STEP 81

NOTE:

(1) TWIST STAKES INTO GROUND AGAINST GROUND BOARDS IN LOCATIONS SHOWN.

(2) USING STAKE AS A TEMPLATE, DRILL HOLE THRU GROUND BOARD FOR HARDWARE USING 7/16 DRILL.

NOTE:
FAILURE TO USE GROUND ANCHORS CAN VOID WARRANTY & CAUSE INJURY!
STEP 82

**FIG. 1**

- **NUT BARREL WH 5/16x7/8 SD (6 PLCS)**
- **WASHER LOCK EXT 12x19 SD (4 PLCS)**
- **BOLT WH 5/16x3 SD (2 PLCS)**
- **BOLT WH 5/16x1/2 SD (4 PLCS)**

**FIG. 2**

- **BOLT WH 5/16x3 SD (2 PLCS)**
- **BOLT WH 5/16x1/2 SD (4 PLCS)**
- **WASHER LOCK EXT 12x19 SD (2 PLCS)**
- **NUT BARREL WH 5/16x7/8 SD (2 PLCS)**

---

**EXTERIOR VIEW**

(CENTER BRIDGE JOIST)

BRIDGE

**LARGE FORT**

**SMALL FORT**
STEP 83

EXTERIOR VIEW
(PORCH RAILS - LEFT SIDE)
SMALL FORT
STEP 84

**EXTERIOR VIEW**
(BRIDGE FLOOR BOARDS)

**BRIDGE**

**M12 - FLOOR BOARD - W4L11313**
5/8"x3 3/8"x33 7/8" (16x86x860)

**SCREW PFH 8x1 1/4 SD**
(69 PLCS)

**M12**
(23 PLCS)

**NOTE:**
'M12' FLOOR BOARDS EVENLY SPACED
STEP 85

FIG. 1

WASHER LOCK EXT 12x19 SD (1 PLC)
NUT BARREL WH 5/16x1 1/2 SD (1 PLC)
WASHER LOCK EXT 12x19 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (1 PLC)
BOLT WH 5/16x3 3/4 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (4)
NUT BARREL WH 5/16x1 1/2 SD (2)
BOLT WH 5/16x3 1/2 SD (2)
WASHER LOCK EXT 12x19 SD (4)

FIG. 2

NUT BARREL WH 5/16x7/8 SD (1 PLC)
WASHER LOCK EXT 12x19 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (1 PLC)
BOLT WH 5/16x3 3/4 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (4)
NUT BARREL WH 5/16x7/8 SD (2)
BOLT WH 5/16x3 1/2 SD (2)
WASHER LOCK EXT 12x19 SD (4)

FIG. 3

NUT BARREL WH 5/16x1 1/2 SD (1 PLC)
WASHER LOCK EXT 12x19 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (1 PLC)
BOLT WH 5/16x3 1/2 SD (1 PLC)
WASHER LOCK EXT 8x19 SD (1 PLC)

FIG. 4

WASHER LOCK EXT 12x19 SD (1 PLC)
NUT BARREL WH 5/16x7/8 SD (1 PLC)

EXTERIOR VIEW
(BRIDGE RAILS)
BRIDGE
STEP 86

M09 - WALL BOARD - W4L11292
5/8"x3 3/8"x30" (16x86x762)

(24)

PICKET POSITION DIAGRAM

SCREW PFH 8x1 1/4 SD
(96 PLCS)

3 1/16 TYP

M09
(24 PLCS)

M09
(24 PLCS)

M09

Screws are used to secure the components. The diagram shows the placement and quantity of screws required.

M09 - WALL BOARD - W4L11292
5/8"x3 3/8"x30" (16x86x762)

(24)

LARGE FORT FRONT

SMALL FORT FRONT

EXTERIOR VIEW
(BRIDGE PICKETS)
**STEP 87**

**FIG. 1**

**FIG. 2**

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x1 1/2 SD
(2 PLCS)

**NOTE:**
USE T-NUTS IN "G01" TO ATTACH LADDER

**EXTERIOR VIEW**
(LADDER ON BACK)
LARGE FORT

(1) LADDER ASSEMBLY

(2) BOLT WH 5/16x1 1/2 SD
WASHER LOCK EXT 8x19 SD

LEFT SIDE
LARGE FORT
STEP 88

NOTE:
USE PILOT HOLES TO LOCATE HAND GRIPS

LAG SCREW WH 5/16x2 SD (6 PLCS)
PILOT HOLE

HAND GRIP METAL BLUE 381 c/c (3 PLCS)

EXTERIOR VIEW
(HAND GRIP ATTACHMENT)
LARGE FORT
STEP 89

NOTE:
IMPORTANT TO KNOW WHICH REV TAG IF EVER YOU CALL CUSTOMER SERVICE

EXTERIOR VIEW
(BACK)
LARGE FORT
STEP 90

EXTERIOR VIEW
(CROW'S NEST RUNGS)
LARGE FORT

NUT BARREL WH 5/16x5/8 SD
(4 PLCS)

WASHER LOCK EXT 12x19 SD
(4 PLCS)

LADDER RUNG BLUE
(2 PLCS)

BOLT WH 5/16x1/2 SD
(4 PLCS)

(2) TA - LADDER RUNG BLUE - A4M00854
STEP 91

EXTERIOR VIEW
(SWING BEAM ATTACHMENT)
LARGE FORT
STEP 92

NOTE:
(1) TWIST STAKES INTO GROUND AGAINST GROUND BOARDS IN LOCATIONS SHOWN.

(2) USING STAKE AS A TEMPLATE, DRILL HOLE THRU GROUND BOARD FOR HARDWARE USING 7/16 DRILL.

NOTE:
FAILURE TO USE GROUND ANCHORS CAN VOID WARRANTY & CAUSE INJURY!
STEP 93

NOTE:
HARDWARE ORIENTATION

NUT BARREL WH 5/16x7/8 SD
(12 PLCS)

WASHER LOCK EXT 12x19 SD
(12 PLCS)

BOLT WH 5/16x2 1/2 SD
(4 PLCS)

BOLT WH 5/16x1 SD
(8 PLCS)

L BRACKET
(4 PLCS)

WASHER FLAT 8x27 SD
(4 PLCS)

WASHER SPLIT 5/16 SD
(4 PLCS)

BOLT HEX 5/16x1 1/4 SD
(4 PLCS)

WM - L BRACKET 51x32x82x3.175 - A4M00852
L BRACKET 51x32x82x3.175

FRONT ASSEMBLY

NUT BARREL WH 5/16x7/8 SD
(4 PLCS)

WASHER LOCK EXT 12x19 SD
(4 PLCS)

L BRACKET
(2 PLCS)

BACK ASSEMBLY

EXTERIOR VIEW
(CROW'S NEST BASE ASSEMBLIES)
SWING BEAM
NOTE: UPRIGHT ORIENTATION

NOTE: USE PILOT HOLES ON 'F1' TO LOCATE PROPERLY

EXTERIOR VIEW
(CROW'S NEST FORT UPRIGHTS)
SWING BEAM
STEP 96

FIG. 1

WASHER LOCK EXT 12x19 SD (8 PLCS)
NUT BARREL WH 5/16x7/8 SD (8 PLCS)
BOLT WH 5/16x2 SD (8 PLCS)
NUT BARREL WH 5/16x7/8 SD (8 PLCS)
WASHER LOCK EXT 8x19 SD (8 PLCS)

FIG. 2

L BRACKET 51x32x82x3.175 (4 PLCS)
BOLT WH 5/16x3/4 SD (8 PLCS)
BOLT WH 5/16x2 SD (8 PLCS)
WASHER LOCK EXT 12x19 SD (16 PLCS)
NUT BARREL WH 5/16x7/8 SD (16 PLCS)

EXTERIOR VIEW
(CROW'S NEST RAILS)
SWING BEAM
STEP 97

EXTERIOR VIEW
(CROW'S NEST PICKETS)
CROW'S NEST

NOTE:
FLOOR BOARDS
EVENLY SPACED
STEP 98

N6 - PICKET - W4L11361
(19) 5/8"x2 3/8"x32 3/8" (16x60x823)

(76) SCREW PFH 8x1 1/4 SD

EXTERIOR VIEW
(CROW'S NEST PICKETS)
CROW'S NEST
NOTE:
APPROXIMATE LOCATIONS SHOWN

FIG. 1
SCREW PFH 8x1 3/4 SD (2 PLCS)
TELESCOPE BLUE/LIME (1 PLC)

FIG. 2
SOLAR LIGHT (1 PLC)
SCREW PFH 6x5/8 BLK (1 PLC)

STEP 99

EXTERIOR VIEW
(TELESCOPE & LIGHT)
CROW'S NEST & SWING BEAM

(1) - TELESCOPE BLUE/LIME - A6P00126
(1) - SOLAR LIGHT - A6P00272
1 7/8"x3 3/4"x4 7/8" (48x96x124)

(2) SCREW PFH 8x1-3/4"
(1) SCREW PFH 6x5/8 BLK

SCREW PFH 8x1 3/4 SD (2 PLCS)
TELESCOPE BLUE/LIME (1 PLC)
SOLAR LIGHT (1 PLC)
SCREW PFH 6x5/8 BLK (1 PLC)
STEP 100

**EXTERIOR VIEW**

(SWING BEAM ACCESSORIES)

SWING BEAM

- **WEB SWING SEAT** - A6P00253 (1)
- **QUICK LINK SD** - A4M00927 (4)
- **HD - SWING SEAT BLUE 22”** - A6P00133 (2)
- **EF - CHAIN BLUE 57”** - A4M00823 (4)

WEB SWING ASSEMBLY (1 PLC)

SWING SEAT BLUE 22” (2 PLCS)

CHAIN BLUE 57” (4 PLCS)

QUICK LINK SD (4 PLCS)

TIGHTEN QUICK LINK

INSERT CHAIN INTO QUICK LINK
FOLLOW INSTRUCTIONS BELOW BEFORE USING THE WEB SWING.

STEP 101

IMPORTANT:
SWING MUST BE SET AT A MINIMUM OF 8 INCHES OFF THE GROUND WHEN INSTALLED.

IMPORTANT:
TO ENSURE STRAIGHT SWINGING MOTION, ADJUST ALL (4) "S" BRACKETS UNTIL WEB SEAT IS LEVEL.

Note: It is important that the web swing hang level.

IMPORTANT:
MAKE SURE THE (4) LOOPS ARE IN A SYMMETRICAL PATTERN BEFORE SWINGING. (SEE BELOW).

INCORRECT LOOP LOCATIONS (NON-SYMMETRICAL PATTERN)

CORRECT LOOP LOCATIONS (SYMMETRICAL PATTERN)
**STEP 102**

**FIG. 1**
- SCREW PFH 6x5/8 BLK (1 PLC)
- SOLAR LIGHT (1 PLC)

**FIG. 2**
- BOLT WH 5/16x1 SD (2 PLCS)

**FIG. 3**
- GROUND STAKE (1 PLC)
- LADDER FOOT (1 PLC)

**GO TO:**
- STEP 103 FOR SKYLINE RETREAT
- STEP 105 FOR ROYAL RETREAT

**EXTERIOR VIEW**
(CLIMBING TREE)
LARGE FORT
STEP 103

ASSEMBLE TUBE SLIDE

SKYLINE RETREAT ONLY!

NOTE:
SKIP TO STEP 105
FOR ROYAL RETREAT

EXTERIOR VIEW
(TUBE SLIDE ASSEMBLY)
LARGE FORT
NOTE: DRILL 3/8” HOLE THRU 'B02' UPRIGHT

T-NUT 5/16 SD (1 PLC)

BOLT WH 5/16x2 SD (2 PLCS)

BOLT WH 5/16x1 SD (4 PLCS ACROSS TOP)

LEFT SIDE SHOWN

FIG. 1

FIG. 2

RIGHT SIDE SHOWN

FIG. 3

FIG. 4

NOTE: TOP EDGE OF 'M55' IS 34” ABOVE FLOOR

M55 - SLIDE BOARD - W4L11430 5/8”x3 3/8”x9” (16x86x229)

(1) BOLT WH 5/16x3 SD

(2) SCREW PFH 8X2 SD

(3) BOLT WH 5/16x2 SD

(4) BOLT WH 5/16x1 SD

(5) T-NUT 5/16 SD

(6) T-NUT 5/16 SD

(7) T-NUT 5/16 SD

(8) T-NUT 5/16 SD

(9) T-NUT 5/16 SD

BOLT WH 5/16x3 SD (1 PLC)

SCREW PFH 8X2 SD (2 PLCS)

EXTERIOR VIEW
(TUBE SLIDE ATTACHMENT)
LARGE FORT
NOTE:
USING VAC SLIDE AS GUIDE, DRILL
(3) 3/8" HOLES THRU 'H78' & FLOOR

NOTE:
INSERT BOLTS & T-NUTS FROM TUBE SLIDE IN OPEN HOLES IN UPPER & LOWER RAILS
NOTE:
SOLAR LIGHT APPROXIMATE LOCATION SHOWN ON SKYLINE RETREAT

EXTERIOR VIEW
(FRONT LIGHT ATTACHMENT)
LARGE FORT
**STEP 107**

**FIG. 1**

**NOTE:**
ATTACH SWING USING QUICK LINKS

* * MINIMUM OF 8" FROM BOTTOM OF SWING TO GROUND * *

**FIG. 2**

**EXTERIOR VIEW**
(BRIDGE SWING & SHIP'S WHEEL)
BRIDGE
FIG. 2

19 1/2" APPROXIMATELY

FIG. 1

(1) SCREW PFH 6x5/8 BLK (1 PLC)

(1) MONKEY BAR ASSEMBLY

(2) T-NUT 5/16 SD (2 PLCS)

(2) BOLT WH 5/16x1 SD

BOLT WH 5/16x1 SD (2 PLCS)

SCREW PFH 6x5/8 BLK (1 PLC)

(1) SOLAR LIGHT - A6P00272
1 7/8”x3 3/4”x4 7/8” (48x96x124)

(2) T-NUT 5/16 SD

(1) SCREW PFH 6x5/8 BLK

(1) T-NUT 5/16 SD

(2) BOLT WH 5/16x1 SD

EXTERIOR VIEW
(MONKEY BAR ATTACHMENT)
SMALL FORT
NOTE:
(1) TWIST STAKES INTO GROUND AGAINST GROUND BOARDS IN LOCATIONS SHOWN.

(2) USING STAKE AS A TEMPLATE, DRILL HOLE THRU GROUND BOARD FOR HARDWARE USING 7/16 DRILL.

NOTE:
FAILURE TO USE GROUND ANCHORS CAN VOID WARRANTY & CAUSE INJURY!
STEP 110

(1) ROCK WALL ASSEMBLY

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x3 SD
(1 PLC)

BOLT WH 5/16x1 1/2 SD
(1 PLC)

WASHER LOCK EXT 8x19 SD
(2 PLCS)

BOLT WH 5/16x3 SD
(1 PLC)

BOLT WH 5/16x1 1/2 SD
(1 PLC)

EXTERIOR VIEW
(ROCK WALL ATTACHMENT)
SMALL FORT
STEP 111

FINAL STEP

DOUBLE CHECK EVERY BOLT, SCREW AND NUT FOR TIGHTNESS. MAKE SURE EVERY BOARD IS SECURE AND MAKE SURE THE PLAY SET IS LEVEL.

ENJOY YOUR NEW PLAY SET!
Limited Warranty

This Limited Warranty by Backyard Discovery applies to products manufactured under the Backyard Discovery brand or its other brands including but not limited to Backyard Botanical, Adventure Playsets, and Leisure Time Products.

Backyard Discovery warrants that this 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 five (5) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within the first 30 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.

This Limited Warranty does not cover:

- Labor for any inspection
- Labor 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 applicable 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, or any other natural occurring properties of wood that do not affect performance or integrity

Backyard Discovery 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. Modification voids any and all warranties and Backyard Discovery assumes 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 a Backyard Discovery product be used in public settings. Such use may lead to product failure and potential injury. Any and all public use will void this warranty. Backyard Discovery 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.

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<td>$0 and free shipping</td>
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<td>31 days to 1 year</td>
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<td>Over 5 years</td>
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Rev5/20/10 BRS