WARNING

Adult Assembly Required. Not suitable for children under two years, due to sharp points and small parts.

- Owner's Manual
- Frequently Asked Questions
- Assembly Instructions
- Warranty Information

Register your new play house on-line @ www.swingsetsonline.com (you will also find any updates on assembly instructions and information to order replacement parts)

Features the SAFE-FUSE fastening system.

Save this assembly manual for future reference in the event that you need to order replacement parts.
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.swingsetsonline.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.swingsetsonline.com
Dear Customer:
Please read entire booklet completely before beginning the assembly process.

Equipment is recommended for use by children 2 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 play house.

WARNING: Children must NOT use this play house until unit has been completely assembled and inspected by an adult to insure set has been properly assembled. 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 with the unit. Before your children play with the unit 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 Reference Label
Tracking ID number on the carton and back of the ID plate are included for tracking purposes associated with warranty claims.
Positioning Your Playhouse

1. The Playhouse 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 playhouse 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. It is a good idea to place your Playhouse in an area that is convenient for adults to watch children at play.

5. 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. We have additional suggestions in the Suggested Playground Surfacing Section.

6. Do not build your play house on top of surfacing material.

Suggested Playground Surfacing

- Playground equipment should never be placed on hard surfaces such as concrete or asphalt.
- 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 or (1.8 m) in all directions around the play area.
- Do not apply playground surfacing until after the unit is completely constructed. Playhouse 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6&quot; (152mm)</td>
<td>9&quot; (228mm)</td>
</tr>
<tr>
<td>Wood Chips</td>
<td>7' (2.13m)</td>
<td>10' (3.05m)</td>
</tr>
<tr>
<td>Double-Shredded bark mulch</td>
<td>6' (1.83m)</td>
<td>10' (3.05m)</td>
</tr>
<tr>
<td>Engineered Wood Fibers</td>
<td>6' (1.83m)</td>
<td>7' (2.13m)</td>
</tr>
<tr>
<td>Fine Sand</td>
<td>5' (1.52m)</td>
<td>5' (1.52m)</td>
</tr>
<tr>
<td>Coarse Sand</td>
<td>5' (1.52m)</td>
<td>5' (1.52m)</td>
</tr>
<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>
<td>N/A</td>
</tr>
</tbody>
</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. **On-site adult supervision is required.**
2. **Instruct children not to climb when the equipment is wet.**
3. **Instruct children to never crawl on top of a play house roof.**
4. **The parents should have the children dress appropriately with well-fitting shoes.** Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children’s clothing. These things can get caught on playground equipment and strangle a child.
5. **Instruct children not to attach items to the equipment that are not specifically designed for use with that equipment (such as ropes, clothesline, pet leashes, etc.).**
6. **Instruct children to remove their bike or other sports helmet before playing on the playground equipment.**

### Maintenance Instructions:

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

- Tighten all hardware.
- Lubricate all metallic moving parts per manufacture’s instructions.
- Check all protective coverings on bolts, pipes, edges and corners. Replace if they are loose, cracked, or missing.
Owner's Manual Play House

- all moving parts including swing seats, ropes, cables, and chains for wear. Check rust, or deterioration. Replace as needed.
- Check metal parts for rust. If found, sand and repaint using non-Lead-based paint meeting the requirements of Title 16 CRF Part 1303.
- Modifications not approved by the party responsible for compliance could void user’s authority to operate the equipment.
- Check all wood members for deterioration and splinters. Sand down and splinters and replace deteriorating members.
- Reinstall any plastic parts, such as swing seats or any other items that were removed in 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.
- Lubricate all metallic moving parts per manufacture’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 deterioration. Replace as needed.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

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.

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 all wood members 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 play house with stain regularly, to help prevent severe checking/splitting and other weather damage.
- We have applied a waterborne transparent stain to your unit. 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 play house. Please note this is a requirement of your warranty.
- Creating and maintaining the Play house on a level location is very important. Make sure the play house is level and true once each year or at the beginning of each play season.
- Rake the surface periodically to prevent compaction and maintain appropriate depths.

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

When the Play house 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.

This package must be kept because it contains important information!
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. CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

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.

X3.1.2 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, playhouse or other equipment that has no elevated play surface – does not need any protective surfacing.

X3.1.3 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.

X3.1.3.1 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.

X3.1.3.2 Do not install loose-fill surfacing over hard surfaces such as concrete or asphalt.

X3.1.4 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.

X3.1.4.1 Installations of these surfaces generally require a professional and are not “do-it-yourself” projects.

X3.1.4.2 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.

X3.1.4.3 Check the protective surfacing frequently for wear.

X3.1.5 Placement — Proper placement and maintenance of protective surfacing is essential. Be sure to:

X3.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.
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: 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.
Play House Assembly Manual FAQs:

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

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

3. What age range is appropriate for the play houses? Backyard Discovery play houses are recommended for children ages 2 – 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 play house be stained? Backyard Discovery recommends the play house 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 play house 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 house.

7. Do Backyard Discovery play houses 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 play house? 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.swingsetsonline.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.swingsetsonline.com.

9. The play house 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 play house is securely staked to the ground using any stakes provided.

10. The 2”x4” boards do not measure 2”x 4”. Why not? In the U.S. it’s 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 play houses are designed and constructed using the actual dimensions so everything fits properly and remains so during the life of the play house.

For more information and frequently asked questions, please refer to our website at www.swingsetsonline.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"
- Square
- Tape Measure
- Phillips Screw Driver
- Claw Hammer
- Rubber Mallet - Optional
- An Adult w/ an Adult Helper
- Cordless Drill or Electric Drill
- 5/16" Drill Bit
- Ladder
- Drill Attachments: Phillips Head
**SAFETY AND ASSEMBLY INFORMATION**

**SELECTING THE CORRECT LOCATION FOR YOUR PLAY PRODUCT IS IMPORTANT FOR YOUR CHILDREN’S SAFETY AND THE PRODUCT’S LONGEVIETY**

<table>
<thead>
<tr>
<th>Dimensions:</th>
<th>General Information:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Chalet has one layout</td>
<td>Your set has been designed and engineered for children only and for residential use only.</td>
</tr>
<tr>
<td>option.</td>
<td>A maximum of 150 lbs. per child is recommended for play activities designed for individual use.</td>
</tr>
<tr>
<td>Layout Ground Dimension</td>
<td>A maximum of 120 lbs. per child is recommended for play activities designed for multiple child use.</td>
</tr>
<tr>
<td>4'-13/16&quot; x 8'-4 1/8&quot; x 76 7/8&quot; Tall</td>
<td>A maximum of 6 children is recommended for this unit.</td>
</tr>
<tr>
<td>Safe Play Area* 15'-11 11/16&quot; x 19'-11 1/2&quot; Tall</td>
<td></td>
</tr>
</tbody>
</table>

*Level Ground Surface - See below

**Safe Play Area:**
- The safe play area refers to a zone extending 6' beyond the play product on all sides, including the space above the play product.
- The ground surface **must be level**. Installing your play product on sloping ground can cause it to lean or "rack". This leaning puts additional stress on all connections and joints and in time will cause those connections to loosen and fail.
- The safe play area must be free of all structures, landscaping, trees and branches, rocks, wires, and other obstacles to safe play. Children can be seriously injured running or swinging into these obstacles.
- Remove all tripping hazards from the safe play area. Tripping hazards include: roots, stumps, rocks, landscaping, sprinkler heads, railroad ties, plumbing and electrical connections.
- Play product needs to be installed on solid ground.

**SAFE PLAY AREA DIAGRAM**

![SAFE PLAY AREA DIAGRAM](image-url)
BASIC SETUP DIMENSIONS

DOOR OPENING HEIGHT: 3'-11 1/2"

GATE HEIGHT: 3'-5/8"

DECK HEIGHT: 6'-4 3/4"

3'-11 13/16"
**Parts Identification**

**Wood Components**

*(NOT TO SCALE)*

1. **F1 - RIGHT DRAWBRIDGE BLOCK - W4L06244**
   - 1 3/8"x2 3/8"x3 7/8" (36x60x100)
   - 1 piece

2. **F2 - LEFT DRAWBRIDGE BLOCK - W4L06245**
   - 1 3/8"x2 3/8"x3 7/8" (36x60x100)
   - 1 piece

3. **G1 - WALL BOARD - W4L06243**
   - 1"x5 1/4"x39 3/4" (24x134x1010)
   - 1 piece

4. **G2 - FRONT ARCHED HEADER - W4L06246**
   - 1"x5 1/4"x44 3/4" (24x134x1136)
   - 1 piece

5. **G3 - BACK ARCHED HEADER - W4L06247**
   - 1"x5 1/4"x44 3/4" (24x134x1136)
   - 1 piece

6. **G4 - RIGHT HEADER - W4L06248**
   - 1"x5 1/4"x44 1/8" (24x134x1121)
   - 2 pieces

7. **G5 - RIGHT TRIANGLE SHELF - W4L06258**
   - 1"x5 1/4"x10 3/8" (24x133x265)
   - 2 pieces

8. **G6 - CENTER TRIANGLE SHELF - W4L06259**
   - 1"x5 1/4"x9 3/4" (24x133x246)
   - 1 piece

9. **G7 - FRONT TOWER HEADER - W4L06263**
   - 1"x5 1/4"x35 3/4" (24x134x909)
   - 2 pieces

10. **G8 - CENTER TOWER HEADER - W4L06264**
    - 1"x5 1/4"x38 1/4" (24x134x972)
    - 1 piece
Parts Identification
Wood Components
(NOT TO SCALE)

G9 - ARCHED TOWER HEADER - W4L06311
1"x5 1/4"x38 1/4" (24x134x972)

H73 - ROCK WALL RAIL - W4L06313
1"x3 3/8"x48 3/4" (24x86x1238)

J1 - FLOOR SUPPORT - W4L06260
1"x2 3/8"x33 7/8" (24x60x861)

J2 - CENTER FLOOR SUPPORT - W4L06261
1"x2 3/8"x33 7/8" (24x60x861)

K1 - CRENELATION - W4L06250
5/8"x5 1/4"x8 1/4" (16x134x210)

K2 - CRENELATION - W4L06251
5/8"x5 1/4"x7" (16x134x179)

M132 - ATTACHMENT BOARD - W4L06315
5/8"x3 3/8"x20 1/4" (16x86x514)

M72 - ROCK WALL SLAT - W4L06312
5/8"x3 3/8"x20 1/4" (16x86x514)

M75 - ROCK LADDER BOARD - W4L06314
5/8"x3 3/8"x20 1/4" (16x86x514)

N1 - TIE STRAP - W4L06249
5/8"x2 3/8"x3 7/8" (16x60x100)

N2 - FRONT CRENELATION LEDGE - W4L06252
5/8"x2 3/8"x44 3/4" (16x60x1136)

N3 - RIGHT CRENELATION LEDGE - W4L06253
5/8"x2 3/8"x47 1/4" (16x60x1201)
Parts Identification
Wood Components
(NOT TO SCALE)

N4 - LEFT CRENELATION LEDGE - W4L06254
5/8"x2 3/8"x6 3/8" (16x60x163) (1)

N5 - BACK CRENELATION LEDGE - W4L06255
5/8"x2 3/8"x44 3/4" (16x60x1136) (1)

N6 - TOWER CRENELATION LEDGE - W4L06257
5/8"x2 3/8"x35 3/4" (16x60x909) (2)

N7 - TOWER CRENELATION LEDGE - W4L06262
5/8"x2 3/8"x41 3/8" (16x60x1052) (2)

N8 - DOOR STOP - W4L06316
5/8"x2 3/8"x3 7/8" (16x60x100) (1)

WINDOW BAR - W4L06256
5/8"x5/8"x13 1/4" (16x16x335) (2)

WP1 - RIGHT WALL PANEL - W2A01885
1 1/8"x45"x39 3/4" (27x1143x1010) (1)
WP2 - FRONT RIGHT WALL PANEL - W2A01886
1 1/8"x9 1/2"x39 3/4" (27x240x1010)

WP3 - FRONT CENTER WALL PANEL - W2A01887
1 1/8"x18 1/2"x39 3/4" (27x470x1010)

WP4 - BACK RIGHT WALL PANEL - W2A01888
1 1/8"x14"x39 3/4" (27x355x1010)

WP5 - BACK CENTER WALL PANEL - W2A01889
1 1/8"x14"x39 3/4" (27x355x1010)

WP6 - FRONT LEFT WALL PANEL - W2A01892
1 1/8"x36"x68 3/4" (27x915x1745)
Parts Identification
Wood Components

(NOT TO SCALE)

(1) WP10 - CENTER WALL PANEL - W2A01896
1 1/8"x39 1/8"x23 5/8" (27x944x601)

(2) FP1 - FLOOR PANEL - W2A01897
1 1/4"x16 7/8"x38 1/4" (32x430x970)

(1) DP1 - DOOR PANEL - W2A01890
1 1/8"x15 3/8"x21 1/4" (27x392x540)

(1) DP2 - DRAWBRIDGE ASSEMBLY - W2A01891
1 1/4"x21 5/8"x18 5/8" (32x550x473)
Parts Identification

Hardware

(23) SCREW PFH 8x1 - H100085
(3) SCREW PFH 8x1 1/8 - H100088
(64) SCREW PFH 8x1 1/4 - H100087
(96) SCREW PFH 8x1 1/2 - H100086
(52) SCREW PFH 8x2 - H100111
(17) SCREW PFH 8x2 1/2 - H100090
(2) SCREW PFH 8x1/2 BLK - H100203
(13) SCREW PFH 8x1 BLK - H100385
(8) SCREW PWH 8x5/8 BLK - H100202
(72) SCREW PWH 8x3/4 BLK - H100392
(2) SCREW PWH 8x5/8 - H100128
(3) SCREW PWH 8x1-1/2 - H100207
(2) BOLT WH 1/4x1 BLK - H100171
(8) BOLT WH 1/4x1 1/2 BLK - H100406
(1) BOLT WH 1/4x2" BLK - H100488
(4) LAG SCREW WH 1/4x2 BLK - H100487
(2) LAG SCREW WH 5/16x2-1/2 BLK - H100197
(2) BOLT WH 5/16x1 3/4 BLK - H100378
(2) WASHER LOCK EXT 8x19 BLK - H100198
(8) WASHER LOCK EXT 8x15 BLK - H100400
(13) WASHER LOCK EXT 6x15 BLK - H100405
(13) WASHER LOCK INT 8x15 BLK - H100473
(3) NUT BARREL WH 1/4x7/8 BLK - H100399
(2) NUT BARREL WH 1/4x5/8 BLK - H100404
(2) T-NUT 5/16 BLK - H100379
(9) T-NUT 1/4 BLK - H100398
(19) T-NUT 1/4 BLK - H100398
(2) T-30 TORX BIT - H100147
(2) T-30 TORX WRENCH - A100041
(2) T-40 TORX BIT - A100042
(2) T-40 TORX WRENCH - A100041
(1) DOUBLE MAGNETIC CATCH KIT - A100261

(1) LTP ID TAG (SMALL) WITH AGES - A4M00515

(2) OUTDOOR LIGHT FIXTURE - A6P00068

(1) PLASTIC SHIELD - A6P00099

(2) HINGE (DOOR, SPRING LOADED) - A4M00624

(4) METAL TIE STRAP - A4M00626

(1) DOOR HANDLE KIT - A4M00627

(6) BLACK HC ROCK #1 - A6P00095

(18) 90° L-BRACKET - BLK - A4M00555

(2) HAND GRIP BLACK PLASTIC - A6P00094

(2) L BRACKET BLACK - A4M00599

(1) "A" REVISION TAG - A100314

(2) CHAIN BLACK 32" - A4M00625
STEP 1:

4' Rock Ladder

(3) - RIGHT ROCK ATTACHMENT

(3) - LEFT ROCK ATTACHMENT
STEP 2:

- **H73 - ROCK WALL RAIL - W4L06313** 1"x3 3/8"x48 3/4" (24x86x1238)
- **M72 - ROCK WALL SLAT - W4L06312** 5/8"x3 3/8"x20 1/4" (16x86x514)
- **M75 - ROCK LADDER BOARD - W4L06314** 5/8"x3 3/8"x20 1/4" (16x86x514)

**SCREW PFH 8x1 1/2**
- **12 PCS**
- **28 PCS**

- 3 1/8" TYP
- **6 PCS**
STEP 3:

- SCREW PFH 8x1 1/2 (4)
- T-NUT 5/16 BLK (2 PLCS)
- M132 - ATTACHMENT BOARD - W4L06315 5/8"x3 3/8"x20 1/4" (16x86x514)
**CASTLE ASSEMBLY**

**STEP 1:**

- **WP2** - FRONT RIGHT WALL PANEL - W2A01886  
  1 1/8"x9 1/2"x39 3/4" (27x240x1010)

- **WP4** - BACK RIGHT WALL PANEL - W2A01888  
  1 1/8"x14"x39 3/4" (27x355x1010)

- **WP1** - RIGHT WALL PANEL - W2A01885  
  1 1/8"x45"x39 3/4" (27x1143x1010)

- **WP2** - FRONT RIGHT WALL PANEL - W2A01886  
  1 1/8"x9 1/2"x39 3/4" (27x240x1010)

- **WP4** - BACK RIGHT WALL PANEL - W2A01888  
  1 1/8"x14"x39 3/4" (27x355x1010)

- **WP1** - RIGHT WALL PANEL - W2A01885  
  1 1/8"x45"x39 3/4" (27x1143x1010)

**Materials:**

- **90° L-BRACKET - BLK - A4M00555** (4 PLCS)
- **SCREW PWH 8x3/4 BLK** (8 PLCS)
STEP 2:

WP3 - FRONT CENTER WALL PANEL - W2A01887
1 1/8"x18 1/2"x39 3/4" (27x470x1010)

G1 - WALL BOARD - W4L06243
1"x5 1/4"x39 3/4" (24x134x1010)

(2) 90° L-BRACKET - BLK - A4M00555

SCREW PWH 8x3/4 BLK

Screw Placement:

- 90° L-BRACKET - BLK (2 PLCS)
- SCREW PWH 8x3/4 BLK (4 PLCS)
STEP 3:

(1) METAL TIE STRAP - A4M00626

METAL TIE STRAP

WP2

WP3

RIGHT

FRONT

17"

LEFT

SCREW PWH 8x3/4 BLK (8 PLCS)

FLUSH
STEP 4:

WP5 - BACK CENTER WALL PANEL - W2A01889
1 1/8"x14"x39 3/4" (27x355x1010)

(1) METAL TIE STRAP - A4M00626

(4) SCREW PWH 8x3/4 BLK

METAL TIE STRAP

FLUSH

SCREW PWH 8x3/4 BLK (4 PLCS)
(1) CENTER BACK WALL SUB-ASSEMBLY

STEP 5:

WP4

REAR

WP5

RIGHT

METAL TIE STRAP

FLUSH

SCREW PWH 8x3/4 BLK
(4 PLCS)

SCREW PWH 8x3/4 BLK
STEP 6:

G2 - FRONT ARCHED HEADER - W4L06246
1" x 5 1/4" x 44 3/4" (24 x 134 x 1136)

G3 - BACK ARCHED HEADER - W4L06247
1" x 5 1/4" x 44 3/4" (24 x 134 x 1136)

G4 - RIGHT HEADER - W4L06248
1" x 5 1/4" x 44 1/8" (24 x 134 x 1121)

SCREW PFH 8x2 1/2 (8 PLCS)
STEP 7:

N1 - TIE STRAP - W4L06249
5/8" x 2 3/8" x 3 7/8" (16x60x100)

(6) N1 - TIE STRAP - W4L06249
5/8" x 2 3/8" x 3 7/8" (16x60x100)

BACK VIEW

LEFT VIEW

FRONT VIEW

REAR

RIGHT

LEFT

FRONT

SCREW PFH 8x1 1/4 (8 PLCS)

9/16"
STEP 8:

WP6 - FRONT LEFT WALL PANEL - W2A01892
1 1/8"x36"x68 3/4" (27x915x1745)

SCREW PWH 8x1-1/2
(3 PLCS)
STEP 9:

WP7 - IRON GATE ASSEMBLY - W2A01893
7/8"x19 1/2"x8" (22x495x203)

SCREW PFH 8x1
(8 PLCS)
STEP 10:

WASHER LOCK EXT 6x15 BLK (1 PLC)
BOLT WH 1/4x2" BLK (1 PLC)
T-NUT 1/4 BLK (1 PLC)

J1 - FLOOR SUPPORT - W4L06260
1"x2 3/8"x33 7/8" (24x60x861)
STEP 11:

- Screw PWH 8x3/4 BLK (8 PLCS)
- Metal Tie Strap - A4M00626 (1)
STEP 12:

WP9 - BACK LEFT WALL PANEL - W2A01895
1 1/8"x36 1/8"x68 3/4" (27x916x1745)

SCREW PFH 8x1
(13 PLCS)
STEP 13:

- **NUT BARREL WH 1/4x7/8 BLK** (1 PLC)
- **WASHER LOCK EXT 8x15 BLK** (1 PLC)
- **WASHER LOCK EXT 6x15 BLK** (1 PLC)
- **BOLT WH 1/4x1 1/2 BLK** (1 PLC)
- **NUT BARREL WH 1/4x7/8 BLK** (2)
- **BOLT WH 1/4x1 1/2 BLK** (2)
- **WASHER LOCK EXT 8x15 BLK** (2)
- **WASHER LOCK EXT 6x15 BLK** (2)

**J1 - FLOOR SUPPORT - W4L06260**
1"x2 3/8"x33 7/8" (24x60x861)

**1"x2 3/8"x33 7/8" (24x60x861)**
STEP 14:

METAL TIE STRAP

METAL TIE STRAP - A4M00626(1)

SCREW PWH 8x3/4 BLK (8)

REAR
FRONT
RIGHT

SCREW PWH 8x3/4 BLK (8 PLCS)
STEP 15:

ASSEMBLE L-BRACKETS TO PANEL.

WP10 - CENTER WALL PANEL - W2A01896
1 1/8" x 39 1/8" x 23 5/8" (27 x 944 x 601)

90° L-BRACKET - BLK - A4M00555 (4)

SCREW PWH 8x3/4 BLK
(4 PLCS)

TOP VIEW
STEP 16:

ASSEMBLE BRACKETS TO PANEL.

WP8 - LEFT WALL PANEL - W2A01894
1 1/8"x39 1/8"x68 3/4" (27x944x1745)

(8) 90° L-BRACKET - BLK - A4M00555

SCREW PWH 8x3/4 BLK (8 PLCS)

SCREW PWH 8x3/4 BLK
(8 PLCS)
STEP 17:

J2 - CENTER FLOOR SUPPORT - W4L06261
1"x2 3/8"x33 7/8" (24x60x861)

REAR

RIGHT

LEFT

FRONT

SCREW PFH 8x2 (2 PLCS)

SCREW PFH 8x2 (2 PLCS)
STEP 18:

(1) 4 FT ROCK LADDER ASSEMBLY

BOLT WH 5/16x1 3/4 BLK (2 PLCS)
WASHER LOCK EXT 8x19 BLK (2 PLCS)
STEP 19:

FP1 - FLOOR PANEL - W2A01897
(2)
1 1/4"x16 7/8"x38 1/4" (32x430x970)

SCREW PFH 8x1 1/2
(30 PLCS)
STEP 20:

G7 - FRONT TOWER HEADER - W4L06263
1" x 5 1/4" x 38 1/4" (24 x 134 x 972)

G8 - CENTER TOWER HEADER - W4L06264
1" x 5 1/4" x 38 1/4" (24 x 134 x 972)

G9 - ARCHED TOWER HEADER - W4L06311
1" x 5 1/4" x 38 1/4" (24 x 134 x 972)

SCREW PFH 8 x 2 1/2
(8 PLCS)
STEP 21:

N1 - TIE STRAP - W4L06249
5/8"x2 3/8"x3 7/8" (16x60x100)

(8) SCREW PFH 8x1 1/4 (32 PLCS)

FRONT VIEW

RIGHT VIEW

REAR VIEW

LEFT VIEW
STEP 22:

N6 - TOWER CRENELATION LEDGE - W4L06257
5/8"x2 3/8"x35 3/4" (16x60x909)

(2)

SCREW PFH 8x1 1/2

(4 PLCS)

N6 - TOWER CRENELATION LEDGE - W4L06257
5/8"x2 3/8"x35 3/4" (16x60x909)

(2)

SCREW PFH 8x1 1/2

(4 PLCS)
STEP 23:

SCREW PFH 8x1 1/2  
(4 PLCS)

N7 - TOWER CRENELATION LEDGE - W4L06262  
5/8"x2 3/8"x41 3/8"  (16x60x1052)
STEP 24:

(6) K1 - CRENELATION - W4L06250
5/8"x5 1/4"x8 1/4" (16x134x210)

FLUSH

SCREW PFH 8x2
(12 PLCS)
STEP 25:

SCREW PFH 8x2 (12 PLCS)

K1 - CRENELATION - W4L06250
5/8"x5 1/4"x8 1/4" (16x134x210)
STEP 26:

PLASTIC SHIELD

SCREW PWH 8x5/8 BLK (3 PCS)
STEP 27:

- **REAR**
  - FRONT RIGHT SCREW PFH 8x1 1/2 (4 PLCS)
  - FLUSH SCREW PFH 8x1 1/2 (4)

- **N5** - BACK CRENELATION LEDGE - W4L06255
  - 5/8"x2 3/8"x44 3/4" (16x60x1136)

- **N2** - FRONT CRENELATION LEDGE - W4L06252
  - 5/8"x2 3/8"x44 3/4" (16x60x1136)

**DIMENSIONS:**
- RIGHT SIDE
  - 1 9/16
  - 2 3/16

**SWIMMING POOL RESURFACING SYSTEM**

**SCREW PFH 8x1 1/2**

**FRONT**

**RIGHT**

**REAR**

**FLUSH**

**N5**
N3 - RIGHT CRENELATION LEDGE - W4L06253

(1) 5/8"x2 3/8"x47 1/4" (16x60x1201)

STEP 28:

SCREW PFH 8x1 1/2 (2 PLCS)

FLUSH

SCREW PFH 8x1 1/2
(2 PLCS)
STEP 29:

N4 - LEFT CRENELATION LEDGE - W4L06254
5/8"x2 3/8"x6 3/8" (16x60x163)

(1)

K2 - CRENELATION - W4L06251
5/8"x5 1/4"x7" (16x134x179)

(1)

SCREW PFH 8x2 (2 PLCS)
STEP 30:

K1 - CRENELATION - W4L06250
5/8"x5 1/4"x8 1/4" (16x134x210)

(12) SCREW PFH 8x2
(12 PLCS)
STEP 31:

K1 - CRENELATION - W4L06250
5/8"x5 1/4"x8 1/4" (16x134x210)

(3) SCREW PFH 8x2
(6 PLCS)
STEP 32:

- WINDOW BAR - W4L06256
  5/8"x5/8"x13 1/4" (16x16x335)

WINDOW BAR (2 PLCS)

SCREW PFH 8x1 1/2 (4 PLCS)

2 1/4"
1 9/16"
1 3/4"
STEP 33:

F1 - RIGHT DRAWBRIDGE BLOCK - W4L06244
1 3/8"x2 3/8"x3 7/8" (36x60x100)

F2 - LEFT DRAWBRIDGE BLOCK - W4L06245
1 3/8"x2 3/8"x3 7/8" (36x60x100)

LAG SCREW WH 1/4x2 BLK (4 PLCS)
WASHER LOCK EXT 6x15 BLK (4 PLCS)

F1 - RIGHT DRAWBRIDGE BLOCK - W4L06244
1 3/8"x2 3/8"x3 7/8" (36x60x100)

F2 - LEFT DRAWBRIDGE BLOCK - W4L06245
1 3/8"x2 3/8"x3 7/8" (36x60x100)
STEP 34:

L BRACKET BLACK - A4M00599 (2)

LAG SCREW WH 5/16x2-1/2 BLK (2)

DO NOT OVER-TIGHTEN!
STEP 35:

ASSEMBLE STRIKE PLATES FROM A100261 MAG CATCH KIT TO DRAWBRIDGE.

- (2) SCREW 8x3/4
- A100261 STRIKE PLATE (2 PLCS)
- SCREW 8x3/4 (2 PLCS)
- BOLT WH 1/4x1 BLK (2)
- WASHER LOCK EXT 8x15 BLK (2)
- NUT BARREL WH 1/4x5/8 BLK (2)

(1) DP2 - DRAWBRIDGE ASSEMBLY - W2A01891
1 1/4"x21 5/8"x18 5/8" (32x550x473)
STEP 36:

(2) CHAIN BLACK 32" - A4M00625

SCREW PWH 8x5/8 BLK (4 PLCS)

(4) SCREW PWH 8x5/8 BLK
STEP 37:

(1) DOOR HANDLE KIT - A4M00627
(2) HINGE (DOOR, SPRING LOADED) - A4M00624

- SCREW PFH 8x1 BLK (12)
- HINGE (DOOR, SPRING LOADED) (6 PLCS)
- DOOR HANDLE KIT
- DP2 - DRAWBRIDGE ASSEMBLY - W2A01891
  1 1/4"x21 5/8"x18 5/8" (32x550x473)
- DOOR HANDLE KIT - A4M00627 (1)
- DP1

SCREW PFH 8x1 BLK (6 PLCS)
**STEP 38:**

Align the Double Magnetic Catch Kit with the previously installed strike plates on the drawbridge and secure using 5/8" screws provided.

**Part List:**
- N8 - Door Stop - W4L06316
  - 5/8" x 2 3/8" x 3 7/8" (16x60x100)
- Double Magnetic Catch Kit - A100261
  - 1 piece

**Screws:**
- SCREW PFH 8x1 1/8 (3 pieces)
- SCREW #4x5/8 (2 pieces) INCLUDED IN KIT

**Dimensions:**
- 20 7/8"
- 1 3/16"
STEP 39:

- **G5 - RIGHT TRIANGLE SHELF - W4L06258**
  - 2 pieces
  - 1"x5 1/4"x10 3/8" (24x133x265)

- **G6 - CENTER TRIANGLE SHELF - W4L06259**
  - 1 piece
  - 1"x5 1/4"x9 3/4" (24x133x246)

**SCREW PFH 8x1 1/2**
- 12 pieces

**RIGHT TRIANGLE SHELF - W4L06258**
- 2 pieces
- 1"x5 1/4"x10 3/8" (24x133x265)

**CENTER TRIANGLE SHELF - W4L06259**
- 1 piece
- 1"x5 1/4"x9 3/4" (24x133x246)

**SCREW PFH 8x1 1/2**
- 12 pieces
STEP 40:

REAR

RIGHT

FRONT

SCREW PFH 8x1 1/4 (4 PLCS)

OUTDOOR LIGHT FIXTURE (2 PLCS)

(4) SCREW PFH 8x1 1/4
STEP 41:

USING THE FRONT TRIM HOLE LOCATIONS AS A GUIDE, DRILL THRU USING A 5/16" OR 8 MM DRILL BIT.
STEP 42:

(1) LTP ID TAG (SMALL) WITH AGES - A4M00515

(2) SCREW PFH 8x1/2 BLK

LTP ID TAG (SMALL) WITH AGES

SCREW PFH 8x1/2 BLK (2 PLCS)
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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