Grand Escape
WOODEN SWING SET
MODEL: # 1801028

Features the fastening system.

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

Owner's Manual
Frequently Asked Questions
Assembly Instructions
Warranty Information

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

Missing A Part?
CALL US BEFORE GOING
BACK TO THE STORE!
The store where you made your purchase
does not stock parts for this item.
If you have assembly questions or if you need parts,
whether they are missing or damaged
Call Toll-Free Help Line or visit www.backyarddiscovery.com
¡LLÁMENOS ANTES DE REGRESAR A LA TIENDA!
La tienda donde realizó la compra no almacena piezas de este producto.
Si tiene preguntas sobre el ensamblaje o si necesita piezas debido a que
faltan o están dañadas
llame gratis a la línea de ayuda
1-800-856-4445

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>
</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. 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 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 waterbourne 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/cpscp 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 overtime. 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.

X3.1.5.2 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.
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 start 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.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 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.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”**
- **Open End Wrenches 9/16” & 1/2”**
- **Tape Measure**
- **Claw Hammer**
- **Phillips Screw Driver**
- **Drill Attachments: Phillips Head**
- **Cordless Drill or Electric Drill**
- **3/8" Drive Ratchet, 9/16" & 1/2" STD Socket**
- **3/8" & 7/16" Drill Bit**
- **Rubber Mallet - Optional**
- **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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**General Information:**

Your set has been designed and engineered for children only and for residential use only. A maximum of 150 lbs. per child is recommended for play activities designed for individual use. A maximum of 120 lbs. per child is recommended for play activities designed for multiple child use. A maximum of 9 children is recommended for this swing set.

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**Basic Setup Dimensions**

Place the set on level ground, not less than 6 ft [2 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

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**Safe Play Zone**

- Safe play height: 17'-8" [5.4 m]
- Maximum fall height: 7'-6" [2.3 m]
Parts Identification
Wood Components
(NOT TO SCALE)

A1 - SWING BEAM - W4L08001
3 3/8"x5 1/4"x89 1/2" (86x134x2274)

B01 - UPRIGHT - W4L07870
3"x3"x59" (76x76x1500)

B02 - UPRIGHT - W4L07871
3"x3"x59" (76x76x1500)

B03 - UPRIGHT - W4L07873
3"x3"x59" (76x76x1500)

B04 - UPRIGHT - W4L07896
3"x3"x59" (76x76x1500)

B05 - UPRIGHT - W4L07872
3"x3"x26 1/2" (76x76x672)

B06 - UPRIGHT - W4L07901
3"x3"x54" (76x76x1372)

B07 - UPRIGHT - W4L07909
3"x3"x54" (76x76x1372)

B08 - UPRIGHT - W4L07902
3"x3"x79" (76x76x2006)

B09 - UPRIGHT - W4L07903
3"x3"x66" (76x76x1676)

B10 - UPRIGHT - W4L07939
3"x3"x59" (76x76x1500)
Parts Identification
Wood Components
(NOT TO SCALE)

E01 - GUSSET - W4L07897
1 3/8"x3 3/8"x20" (36x86x508)

E10 - TABLE SUPPORT - W4L07900
1 3/8"x3 3/8"x17" (36x86x432)

E04 - GUSSET - W4L07898
1 3/8"x3 3/8"x13 3/4" (36x86x350)

E05 - UPRIGHT - W4L07915
1 3/8"x3 3/8"x66 1/2" (36x86x1690)

B12 - UPRIGHT - W4L07940
3"x3"x59" (76x76x1500)

B13 - UPRIGHT - W4L07942
3"x3"x16 1/2" (76x76x420)

B14 - UPRIGHT - W4L07952
3"x3"x59" (76x76x1500)

B15 - UPRIGHT - W4L08411
3"x3"x72 3/4" (76x76x1848)

E06 - BRIDGE SUPPORT - W4L07931
1 3/8"x3 3/8"x78 3/4" (36x86x2000)

E07 - BRIDGE SUPPORT - W4L07978
1 3/8"x3 3/8"x41 5/8" (36x86x1058)

E08 - UPRIGHT - W4L07983
1 3/8"x3 3/8"x66 1/8" (36x86x1678)

E09 - BENCH SUPPORT - W4L07899
1 3/8"x3 3/8"x32" (36x86x812)

E10 - TABLE SUPPORT - W4L07900
1 3/8"x3 3/8"x17" (36x86x432)
Parts Identification
Wood Components
( NOT TO SCALE )

G04 - DECK RAIL - W4L07893
1"x5 1/4"x80 1/4" (24x134x2038)

G05 - ROOF TRUSS - W4L07919
1"x5 1/4"x37 1/8" (24x134x942)

G06 - ROOF TRUSS - W4L07926
1"x5 1/4"x35 3/8" (24x134x900)

G07 - ROOF TRUSS - W4L07923
1"x5 1/4"x31 9/16" (24x134x802)

G08 - BRIDGE RAIL - W4L07930
1"x5 1/4"x80 5/8" (24x134x2048)

G09 - DECK RAIL - W4L07947
1"x5 1/4"x42 5/8" (24x134x1084)

G10 - DECK RAIL - W4L07946
1"x5 1/4"x59 1/2" (24x134x1510)

G11 - DECK RAIL - W4L07948
1"x5 1/4"x42 5/8" (24x134x1084)

G12 - DECK RAIL - W4L07949
1"x5 1/4"x59 1/2" (24x134x1510)

G13 - ROOF TRUSS - W4L07961
15/16"x5 1/4"x35 7/8" (24x134x910)

G14 - ROOF TRUSS - W4L07966
15/16"x5 1/4"x35 1/16" (24x134x890)
Parts Identification
Wood Components
(NOT TO SCALE)

H24 - WALL RAIL - W4L08292
1"x3 3/8"x60 3/8" (24x86x1534)

H25 - ARCH RAIL - W4L07908
1"x3 3/8"x61 3/8" (24x86x1558)

H26 - WALL RAIL - W4L07904
1"x3 3/8"x80 1/4" (24x86x2038)

H27 - ARCH RAIL - W4L07906
1"x3 3/8"x32 5/8" (24x86x830)

H28 - WALL RAIL - W4L07907
1"x3 3/8"x41 5/8" (24x86x1058)

H29 - RAIL - W4L07944
1"x3 3/8"x59 1/2" (24x86x1510)

H30 - BENCH SUPPORT - W4L07943
1"x3 3/8"x6" (24x86x152)

H31 - SUPPORT - W4L07945
1"x3 3/8"x6" (24x86x152)

H32 - RAIL - W4L07993
1"x3 3/8"x40 1/8" (24x86x1020)

H33 - PICKET - W4L08294
1"x3 3/8"x25 7/8" (24x86x656)

H77 - LEFT UPRIGHT - W4L08395
1"x3 3/8"x64 3/8" (24x86x1634)

H78 - RIGHT UPRIGHT - W4L08396
1"x3 3/8"x64 3/8" (24x86x1634)

H81 - MONKEY BAR BRACE - W4L08409
1"x3 3/8"x53 1/4" (24x86x1352)

H82 - MONKEY BAR GROUND BOARD - W4L08410
1"x3 3/8"x70 3/8" (24x86x1786)

J01 - WALL RAIL - W4L07916
1"x2 3/8"x78 5/8" (24x60x1998)

J02 - ROOF RAIL - W4L07927
1"x2 3/8"x80 1/4" (24x60x2038)
Parts Identification
Wood Components
(NOT TO SCALE)

(2) J03 - JOIST - W4L07925
1"x2 3/8"x5 3/4" (24x60x146)

(2) J04 - JOIST - W4L07928
1"x2 3/8"x4 3/4" (24x60x122)

(2) J05 - GUSSET - W4L07951
1"x2 3/8"x10 3/4" (24x60x274)

(2) J06 - ROOF JOIST - W4L07964
1"x2 3/8"x40 3/4" (24x60x1036)

(4) J10 - WINDOW BOARD - W4L08293
1"x2 3/8"x25 7/8" (24x60x656)

(1) J11 - WINDOW BOARD - W4L08295
1"x2 3/8"x32 1/2" (24x60x1358)

(1) K01 - GROUND BOARD - W4L07876
5/8"x5 1/4"x61 1/8" (16x134x1554)

(1) K02 - GROUND BOARD - W4L07877
5/8"x5 1/4"x80 1/4" (16x134x2038)

(2) K03 - GROUND BOARD - W4L07937
5/8"x5 1/4"x62 7/8" (16x134x1598)

(1) K04 - GROUND BOARD - W4L07935
5/8"x5 1/4"x59 1/2" (16x134x1510)

(1) K05 - GROUND BOARD - W4L07941
5/8"x5 1/4"x59 1/2" (16x134x1510)

(1) K06 - GROUND BOARD - W4L07936
5/8"x5 1/4"x59 1/2" (16x134x1510)

(1) K07 - WALL RAIL - W4L07954
5/8"x5 1/4"x59 1/2" (16x134x1510)

(1) K10 - WALL RAIL - W4L07953
5/8"x5 1/4"x59 1/2" (16x134x1510)
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>KC1</td>
<td>ROOF CAP SHINGLE - W4L07967</td>
<td>5/8&quot;x3 3/8&quot;x47 3/8&quot; (16x86x1204)</td>
</tr>
<tr>
<td>KE2</td>
<td>END SHINGLE - W4L07929</td>
<td>5/8&quot;x3 3/8&quot;x86 7/8&quot; (16x86x2206)</td>
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<tr>
<td>KE1</td>
<td>END SHINGLE - W4L07922</td>
<td>5/8&quot;x3 3/8&quot;x86 7/8&quot; (16x86x2206)</td>
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<tr>
<td>KE3</td>
<td>SHINGLE - W4L07963</td>
<td>5/8&quot;x3 3/8&quot;x47 3/8&quot; (16x86x1204)</td>
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<tr>
<td>KE4</td>
<td>END SHINGLE - W4L07969</td>
<td>5/8&quot;x3 3/8&quot;x66 1/8&quot; (16x86x1554)</td>
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<tr>
<td>KP1</td>
<td>SHINGLE - W4L07921</td>
<td>5/8&quot;x3 3/8&quot;x86 7/8&quot; (16x86x2206)</td>
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<tr>
<td>KP2</td>
<td>SHINGLE - W4L07962</td>
<td>5/8&quot;x3 3/8&quot;x47 3/8&quot; (16x86x1204)</td>
</tr>
<tr>
<td>KP3</td>
<td>SHINGLE - W4L07970</td>
<td>5/8&quot;x3 3/8&quot;x86 1/8&quot; (16x86x1554)</td>
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<tr>
<td>M03</td>
<td>FLOOR BOARD - W4L07884</td>
<td>5/8&quot;x3&quot;x35 5/8&quot; (16x76x904)</td>
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<tr>
<td>M04</td>
<td>DECK BOARD - W4L07891</td>
<td>5/8&quot;x3 3/8&quot;x80 1/4&quot; (16x86x2038)</td>
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<tr>
<td>M05</td>
<td>DECK BOARD - W4L07890</td>
<td>5/8&quot;x3&quot;x80 1/4&quot; (16x76x2038)</td>
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<td>M06</td>
<td>RAIL - W4L07885</td>
<td>5/8&quot;x3 3/8&quot;x80 1/4&quot; (16x86x2038)</td>
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<td>M07</td>
<td>RAIL - W4L07886</td>
<td>5/8&quot;x3 3/8&quot;x61 1/8&quot; (16x86x1554)</td>
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</table>
Parts Identification
Wood Components
(NOT TO SCALE)

M08 - PICKET - W4L07887
5/8"x3 3/8"x27" (16x86x686)
(35)

M09 - WALL BOARD - W4L07911
5/8"x3 3/8"x30" (16x86x762)
(66)

M10 - WALL RAIL - W4L07917
5/8"x3 3/8"x41 3/4" (16x86x1062)
(2)

M11 - WALL BOARD - W4L07914
5/8"x3 3/8"x66" (16x86x1676)
(19)

M12 - FLOOR BOARD - W4L07932
5/8"x3 3/8"x33 7/8" (16x86x860)
(23)

M13 - WALL BOARD - W4L07960
5/8"x3 3/8"x30" (16x86x762)
(2)

M14 - WALL BOARD - W4L07977
5/8"x3 3/8"x30" (16x86x762)
(1)

M15 - WALL BOARD - W4L07981
5/8"x3 3/8"x30" (16x86x762)
(2)

M16 - FLOOR BOARD - W4L07882
5/8"x3"x74 1/4" (16x76x1886)
(1)

M17 - FLOOR BOARD - W4L07883
5/8"x3"x35 5/8" (16x76x904)
(1)

M18 - FLOOR BOARD - W4L07995
5/8"x3 3/8"x36 3/8" (16x86x924)
(5)

M19 - FLOOR BOARD - W4L07996
5/8"x3 3/8"x36 3/8" (16x86x923)
(1)

M20 - FLOOR BOARD - W4L07997
5/8"x3 3/8"x35 3/8" (16x86x898)
(1)

M21 - FLOOR BOARD - W4L07998
5/8"x3 3/8"x33 1/8" (16x86x840)
(1)

M22 - FLOOR BOARD - W4L07999
5/8"x3 3/8"x29" (16x86x736)
(1)

M23 - FLOOR BOARD - W4L07994
5/8"x3 3/8"x36 3/8" (16x86x924)
(1)

M24 - FLOOR BOARD - W4L07994
5/8"x3 3/8"x36 3/8" (16x86x924)
(1)

M25 - WALL BOARD - W4L07982
5/8"x3 1/8"x30" (16x80x762)
(2)

M26 - WALL BOARD - W4L08006
5/8"x3 3/8"x32 1/2" (16x86x826)
(2)

M27 - WALL BOARD - W4L08007
5/8"x3 3/8"x32" (16x86x814)
(2)

M28 - WALL BOARD - W4L08008
5/8"x3 3/8"x31 3/8" (16x86x796)
(2)

M29 - WALL BOARD - W4L08010
5/8"x3 3/8"x28 1/4" (16x86x718)
(2)
Parts Identification
Wood Components
(NOT TO SCALE)

1. M74 - ROCK WALL BOARD - W4L08402
   5/8"x3 3/8"x26 5/8" (16x86x675)
   (10)

2. M75 - ROCK WALL BOARD - W4L08404
   5/8"x3 3/8"x26 5/8" (16x86x675)
   (4)

3. M76 - ROCK WALL BOARD - W4L08403
   5/8"x3 3/8"x26 5/8" (16x86x675)
   (4)

4. M105 - ATTACHMENT BOARD - W4L08406
   5/8"x3 3/8"x27 7/8" (16x86x707)
   (1)

5. M106 - ROCK WALL TOP BOARD - W4L08405
   5/8"x3 3/8"x27 7/8" (16x86x707)
   (1)

6. N1 - WALL BOARD - W4L07912
   5/8"x2 3/8"x30" (16x60x762)
   (5)

7. N2 - WALL BOARD - W4L07968
   5/8"x2 3/8"x27" (16x60x686)
   (1)

8. N3 - WALL BOARD - W4L07918
   5/8"x2 3/8"x36" (16x60x1676)
   (2)

9. N4 - ROOF RAIL - W4L07924
   5/8"x2 3/8"x32 1/8" (16x60x2086)
   (1)

10. O1 - PICKET - W4L07980
    5/8"x1 3/8"x32 1/4" (16x34x820)
    (26)

11. P1 - DECK SUPPORT - W4L07894
    1 3/8"x1 3/8"x25 5/8" (36x36x650)
    (4)

12. P2 - DECK SUPPORT - W4L07976
    1 3/8"x1 3/8"x34 3/4" (36x36x884)
    (2)

13. SP1 - BRIDGE JOIST - W4L07934
    3 3/8"x3 3/8"x78 3/4" (86x86x2000)
    (1)

14. SP50 - SWING BEAM SUPPORT - W4L08002
    3 3/8"x3 3/8"x49 3/8" (86x86x1254)
    (1)

15. Y1 - GROUND BOARD - W4L07874
    5/8"x4"x61 3/4" (16x102x1570)
    (1)

16. Y2 - GROUND BOARD - W4L07875
    5/8"x4"x80 7/8" (16x102x2054)
    (1)

17. Y3 - WALL BOARD - W4L08023
    5/8"x4"x14 3/8" (16x102x366)
    (2)

18. Y4 - FLOOR BOARD - W4L08000
    5/8"x3 3/4"x22 1/4" (16x95x564)
    (1)
Parts Identification
Wood Components
(NOT TO SCALE)

(5) FP1 - FLOOR PANEL - W2A02190
1 1/4”x17”x80 1/4” (32x432x2038)

(1) FP2 - FLOOR PANEL - W2A02191
1 1/4”x10 1/4”x80 1/4” (32x259x2038)

(1) FP3 - FLOOR PANEL - W2A02192
1 1/4”x10 1/4”x80 1/4” (32x259x2038)

(1) PP1 - PICNIC TABLE - W2A02193
1 5/8”x17”x41” (36x432x1042)

(2) PP2 - PICNIC BENCH - W2A02194
1 5/8”x6 3/4”x40 1/4” (36x173x1022)

(1) PP3 - SERVING TABLE - W2A02196
1 5/8”x10 1/2”x59 1/2” (36x268x1510)

(1) PP4 - SERVING BENCH - W2A02195
1 5/8”x6”x59 1/2” (36x152x1510)

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

(1) WP1 - WARNING PLATE UPRIGHT - W2A02198
3 1/16”x3”x59” (78x76x1500)
Parts Identification

Hardware

(42) - BOLT WH 5/16x1 1/2 - H100115

(12) - BOLT WH 5/16x3/4 - H100022

(26) - T-NUT 1/4 - H100072

(4) - BOLT WH 5/16x1 - H100008

(18) - BOLT WH 5/16x1 1/2 - H100010

(146) - T-NUT 5/16 - H100074

(1) - BOLT WH 5/16x3/4 - H100011

(13) - T-NUT 3/8 - H100073

(17) - BOLT WH 5/16x2 - H100012

(22) - BOLT WH 5/16x2 1/4 - H100013

(1) - BOLT WH 5/16x6 - H100023

(2) - BOLT HEX 5/16x2-3/4 - H100047

(15) - NUT BARREL WH 5/16x1 1/2 - H100006

(18) - NUT BARREL WH 5/16x5/8 - H100004

(13) - BOLT HEX 3/8x5-1/2 - H100654

(54) - NUT BARREL WH 5/16x7/8 - H100005
**Parts Identification**

**Hardware**

- **LAG SCREW WH 5/16x1 1/2 - H100026**
- **LAG SCREW WH 5/16x2 - H100027**
- **LAG SCREW WH 5/16x2 1/2 - H100028**
- **LAG SCREW WH 5/16x3 - H100029**
- **SCREW PFH 8x1 - H100085**
- **SCREW PFH 8x1-1/8" - H100088**
- **SCREW PFH 8x1-1/4" - H100087**
- **SCREW PFH 8x1-3/4" - H100089**
- **SCREW PFH 8x2 - H100111**
- **SCREW PFH 8x2 1/2 - H100090**
- **SCREW TAPPING 14x2 1/2 - H100082**
- **SCREW TAPPING 14x1-1/2 - H100109**
- **BOLT PTH 1/4x3/4 - H100063**
- **NUT LOCK 5/16 - H100110**
- **LAG SCREW WH 1/4x1-1/2 - H100145**
- **LAG SCREW WH 1/4x2 1/2 - H100649**

- **WASHER LOCK EXT 8x19 - H100030**
- **WASHER LOCK EXT 12x19 - H100031**
- **WASHER LOCK INT 10x18 - H100107**
- **WASHER LOCK INT 8x15 - H100108**
- **WASHER LOCK INT 11x25 - H100102**
- **SCREW TAPPING 14x2 1/2 - H100082**
- **SCREW TAPPING 14x1-1/2 - H100109**
- **BOLT PTH 1/4x3/4 - H100063**
- **NUT LOCK 5/16 - H100110**
- **LAG SCREW WH 1/4x1-1/2 - H100145**
- **LAG SCREW WH 1/4x2 1/2 - H100649**
Parts Identification

Hardware

- WASHER FLAT 8x27 BLK - H100478
- WASHER SPLIT 5/16 BLK - H100477
- NUT BARREL TPH 5/16x1 1/4 WZ - H100606
- BOLT TPH 5/16x1 1/4 WZ - H100605
- WASHER FLAT 8.2X16 WZ - H100608
- WASHER LOCK INT 8.4x14.5 WZ - H100610
- BOLT TPH 5/16x1 1/4 WZ - H100605
- BOLT WH 5/16x1 1/2 BLK - H100407
- T-NUT 1/4 BLK - H100398
- NUT BARREL WH 5/16x7/8 BLK - H100192
- T-NUT 5/16 BLK - H100379
- LAG SCREW WH 5/16x1 1/2 BLK - H100471
- SCREW PWH 8x1-1/2 BLK - H100200
- WASHER LOCK EXT 8x15 BLK - H100400
- NUT BARREL WH 5/16x1-1/2 BLK - H100659
- LAG SCREW HEX 5/16x1-1/2 BLK - H100660
- BOLT HEX 5/16x1-3/4 BLACK - H100657
- BOLT 5/16x2-1/2 BLK - H100658
- WASHER FLAT 10.5X16 WZ - H100607
- BOLT WH 5/16x3 BLK - H100416
- BOLT HEX 5/16x2-1/2 BLK - H100658
- SCREW PFH 8x1-1/2 BLACK - H100659
- BOLT HEX 5/16x2 BLACK - H100660
- SCREW TAPPING PPH 5x15mm WZ - H100592
- FLANGE CUP WASHER - H100225
- SCREW TAPPING PWH #10x1-1/8 BLK - H100748
- NUT BARREL WH 1/4x5/8 BLK - H100404
- WASHER FLAT 8x27 BLK - H100478
- SCREW PFH 8x1 1/4 BLK - H100387
- WASHER FLAT 8x15 BLK - H100478
- WASHER FLAT 8x15 BLK - H100478
- SCREW PFH 8x1-1/2 BLK - H100200
- WASHER LOCK EXT 8x15 BLK - H100400
- NUT BARREL WH 5/16x7/8 BLK - H100192
- SCREW PFH 8x1-1/2 BLK - H100200
- SCREW TAPPING PWH #10x1-1/8 BLK - H100748
- T-NUT 1/4 BLK - H100398
- SCREW PWH 8x5/8 BLK - H100202
- WASHER FLAT 8x15 BLK - H100478
- T-NUT 5/16 BLK - H100379
- SCREW PFH 8x1 1/4 BLK - H100387
- LAG SCREW 5/16x1-1/2 BLK - H100659
- BOLT WH 5/16x3 BLK - H100416
- WASHER LOCK EXT 8x15 BLK - H100400
- SCREW PFH 8x1-1/2 BLK - H100200
- NUT BARREL 1/4x2 BLK - H100488
- WASHER SPLIT 5/16 BLK - H100477
Parts Identification

Accessories

(NOT TO SCALE)

(4) EF - CHAIN GREEN 57" - A100047

(2) JV - HAND GRIP GREEN 816 C/C - A100134

(2) TA - LADDER RUNG 629 GREEN - A100324

(2) - SWING SEAT GREEN 22IN - A6P00054

(4) DW - SLIDE SUPPORT TUBE 21.34x505 - A100034
21.34 OD x 2.77 W x 505

(8) EC - METAL RUNG 559 GREEN - A100045

(1) DR - SLIDE RAIL 10' BOTTOM LEFT GREEN - A100030

(1) DS - SLIDE RAIL 10' BOTTOM RIGHT GREEN - A100031

(1) DT - SLIDE RAIL 10' TOP LEFT GREEN - A100032

(1) TR - SLIDE RAIL 10' TOP RIGHT GREEN - A100033

(7) FX - HAND GRIP METAL GREEN 381 c/c - A100118

(2) - TRIANGLE PLATE 100° 5 HOLE - A4M00614

(1) - TELESCOPE - A100104

(12) - GREEN HC ROCK #1 - A6P00036

(3) TZ - L BRACKET 2.5x38x50x55 - A100340

(1) HC - BYD ID TAG (LARGE) 2011 WITH AGES - A100164
Parts Identification
Accessories
(NOT TO SCALE)

- GROUND STAKE REBAR - A4M00527 (12)
- 90° L-BRACKET - BLK - A4M00555 (2)
- L BRACKET 2.5x38x50x55 BLK - A4M00615 (1)
- L BRACKET 51x52x52x3.175 - A4M00555 (1)
- SWING BEAM EXTENSION BRACKET-LEFT - A4M00617 (1)
- SWING BEAM EXTENSION BRACKET-RIGHT - A4M00618 (1)
- SWING HANGER - A4M00505 (6)
- "A" REVISION TAG - A100314 (1)
- WEB SWING SEAT - A6P00253 (1)
- QUICK LINK - A100069 (4)
- SLIDE BED 10' YELLOW - A100197 (1)
- "A" REVISION TAG - A100314 (1)
Parts Identification
Accessories
(NOT TO SCALE)

- GROUND STAKE - A4M00766 (1)
- CLIMBING TREE TRUNK - GREEN - A4M00866 (1)
- T-40 TORX BIT - A100042 (2)
- T-30 TORX BIT - H100147 (2)
- T-30 TORX WRENCH - H100114 (2)
- T-40 TORX WRENCH - A100041 (2)
- RAIL - A4M00875 1"x2 3/8" x16 3/4" (24x60x402) (4)
- U-STEP - GREEN - A4M00867 (2)
- ARCH RAIL - A4M00873 (2)
- ARCH RAIL - A4M00901 (1)
- LADDER FOOT - A6P00190 (1)
- GROUND STAKE - A4M00766 (1)
- CLIMBING TREE TRUNK - GREEN - A4M00866 (1)
- SUPPORT BRACE - A4M00928 (2)
- 5’ CLIMBING TREE EXT - GREEN - A4M00868 (1)
- RAIL - A4M00875 1"x2 3/8" x16 3/4" (24x60x402) (4)
- U-STEP - GREEN - A4M00867 (6)
- ARCH RAIL - A4M00874 (1)
- ARCH RAIL - A4M00901 (1)
LADDER ASSEMBLY

STEP 1

- SCREW PFH 8x2 (20 PLCS)
- H76 - LADDER RUNG - W4L08397
  1"x3 3/8"x18 1/8" (24x86x460)
- H77 - LEFT UPRIGHT - W4L08395
  1"x3 3/8"x64 3/8" (24x86x1634)
- H78 - RIGHT UPRIGHT - W4L08396
  1"x3 3/8"x64 3/8" (24x86x1634)
LADDER ASSEMBLY
STEP 2

M73 - REAR SUPPORT - W4L08398
5/8"x3 3/8"x19 1/4" (16x86x488)

SCREW PFH 8x2
(4 PLCS)

NOTE:
USE PILOT HOLES TO ATTACH 'M73'
**LADDER ASSEMBLY**

**STEP 3**

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

LAG SCREW WH 1/4x1-1/2 (4 PLCS)

HAND GRIP GREEN 816 C/C (2 PLCS)
ROCK WALL ASSEMBLY
STEP 1

SCREW PFH 8x1 1/2 (72 PLCS)

E72 - LEFT RAIL - W4L08400
1 3/8"x3 3/8"x61 3/4" (36x86x1570)

E73 - RIGHT RAIL - W4L08401
1 3/8"x3 3/8"x61 3/4" (36x86x1570)

M74 - ROCK WALL BOARD - W4L08402
5/8"x3 3/8"x26 5/8" (16x86x675)

M75 - ROCK WALL BOARD - W4L08403
5/8"x3 3/8"x26 5/8" (16x86x675)

M76 - ROCK WALL BOARD - W4L08404
5/8"x3 3/8"x26 5/8" (16x86x675)
ROCK WALL ASSEMBLY

STEP 2

**NOTE:**
ORIENTATION OF 'M105'

**NOTE:**
USE PILOT HOLES TO ATTACH 'M105'

-M105 - ATTACHMENT BOARD - W4L08406
5/8"x3 3/8"x27 7/8" (16x86x707)
ROCK WALL ASSEMBLY
STEP 3

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

FIG. 1

T-NUT 1/4
(24 PLCS)

FIG. 2

BOLT PTH 1/4x3/4
(24 PLCS)

WASHER LOCK INT 8x15
(24 PLCS)

BACK VIEW

FRONT VIEW
**MONKEY BAR ASSEMBLY**

**STEP 1**

- **Screw Tapping 14x1-1/2 (8 PLCS)**
- **L Bracket (2 PLCS)**
- **Bolt WH 5/16x2 (2 PLCS)**
- **Washer Lock Ext 8x19 (2 PLCS)**
- **Washer Flat 8x27 (2 PLCS)**
- **Nut Lock 5/16 (2 PLCS)**
- **Metal Rung 559 Green (4 PLCS)**

**FIG. 1**

**NOTE:**

**USE PILOT HOLES TO ATTACH METAL RUNGS**

**FIG. 2**

- **Bolt WH 5/16x1 1/2 BLK (6 PLCS)**
- **T-Nut 5/16 BLK (6 PLCS)**
- **Triangle Plate 100° 5 Hole (2 PLCS)**
- **Metal Rung 559 Green (4 PLCS)**

**NOTE:**

- **Washer Flat 8x27 (2 PLCS)**
- **Washer Lock Ext 8x19 (2 PLCS)**
MONKEY BAR ASSEMBLY

STEP 2

NOTE:
USE PILOT HOLES TO ATTACH METAL RUNGS

FIG. 1

FIG. 2

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

T-NUT 5/16 BLK (4 PLCS)

METAL RUNG 559 GREEN (4 PLCS)

SCREW TAPPING 14x1-1/2 (8 PLCS)
MONKEY BAR ASSEMBLY
STEP 3

NOTE:
USE HOLES TO LOCATE ANGLE BRACES

FIG. 1

FIG. 2

FIG. 3
MONKEY BAR ASSEMBLY
STEP 4

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

HAND GRIP (2 PLCS)

NOTE:
USE PILOT HOLES TO ATTACH METAL RUNGS
SWINGBEAM ASSEMBLY
STEP 1

A50 - SWING BEAM - W102416
3 3/8”x5 1/4”x89 1/2” (86x134x2274)

- SWING BEAM EXTENSION
  BRACKET-LEFT - AM00617
  (1)

- SWING BEAM EXTENSION
  BRACKET-RIGHT - AM00618
  (1)

BOLT WH 5/16x3 BLK
(3 PLCS)

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

SWING BEAM EXTENSION BRACKET-LEFT
(1 PLCS)

SWING BEAM EXTENSION BRACKET-RIGHT
(1 PLCS)
SWINGBEAM ASSEMBLY
STEP 2

- SWING HANGER - A4M00505

APPROXIMATE LOCATION AS SHOWN
SWINGBEAM ASSEMBLY
STEP 3

- **WASHER LOCK EXT 12x19** (1 PLC)
- **NUT BARREL WH 5/16x7/8** (1 PLC)
- **WASHER LOCK EXT 12x19** (2 PLCS)
- **WASHER LOCK EXT 8x19** (2 PLCS)
- **WASHER LOCK EXT 8x19** (1 PLC)
- **BOLT WH 5/16x6** (1 PLC)
- **NUT BARREL WH 5/16x7/8** (2 PLCS)
- **WASHER LOCK EXT 12x19** (2 PLCS)
- **WASHER LOCK EXT 8x19** (2 PLCS)
- **BOLT WH 5/16x2 1/2** (2 PLCS)
- **BOLT WH 5/16x3 3/4** (2 PLCS)
- **WASHER LOCK EXT 12x19** (4 PLCS)
- **WASHER LOCK EXT 8x19** (4 PLCS)
- **NUT BARREL WH 5/16x7/8** (4 PLCS)
SWINGBEAM ASSEMBLY

STEP 4

(1) SWING BEAM ASSEMBLY

BOLT WH 5/16x3 BLK (2 PLCS)

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

BOLT WH 5/16x3 BLK (2 PLCS)
TIP: PREBENDING THE ENDS WILL EASE ASSEMBLY.
SLIDE ASSEMBLY
STEP 2
- REPEAT ON OTHER SIDE, MAKING A LEFT AND RIGHT ASSEMBLY.

Using an 1/8” drill bit, pilot drill all screw dimples along the bottom and end edge of the slide rails.
SLIDE ASSEMBLY

STEP 3

- Place (1) slide rail assembly on a flat surface and begin inserting slide bed at the bottom of the slide rail (Fig. 1). Have a helper bend the slide bed towards the top of the slide and insert the bed into the slide cavity. Make sure slide bed is completely down in the slide cavity.

- Install the (4) slide support tubes into their respective pilot locations (Fig. 2).
SLIDE ASSEMBLY
STEP 4

- Once the slide bed, support tubes, and support board are completely in the cavity and support pocket, secure using 2 1/2" screws at each of the pilot hole locations as shown.

- Repeat process for opposite slide rail.
CLIMBING TREE

STEP 1

CLIMBING TREE TRUNK - GREEN

WASHER FLAT 10.5X16 WZ
(14 PLCS)

NUT BARREL TPH 5/16x1 WZ
(14 PLCS)

WASHER FLAT 8.2X16 WZ
(14 PLCS)

WASHER LOCK INT 8.4x14.5 WZ
(14 PLCS)

BOLT TPH 5/16x1 1/4 WZ
(14 PLCS)

LADDER RUNG
(6 PLCS)
CLIMBING TREE
STEP 3

(1) - LADDER FOOT - A6P00190

SCREW TAPPING PPH 5x15mm WZ (2 PLCS)
STEP 1

NOTE:
UPRIGHT ORIENTATION

FIG. 1

VERTICAL ID PLATE

NOTE:
PILOT HOLE

FIG. 2

FIG. 3

INTERIOR VIEW
(FRONT UPRIGHTS)
LARGE FORT

T-NUT 5/16
(15 PLCS)

(1) WP1 - WARNING PLATE UPRIGHT - W2A02198
3 1/16"x3"x59" (78x76x1500)

(2) B02 - UPRIGHT - W4L07871
3"x3"x59" (76x76x1500)

T-NUT 5/16
(15)
STEP 2

NOTE:
UPRIGHT ORIENTATION

FIG. 1

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

WASHER LOCK EXT 8x19
(3 PLCS)

FIG. 2

BOLT WH 5/16x3 1/2
(6 PLCS)

WASHER LOCK EXT 8x19
(6 PLCS)

EXTERIOR VIEW
(FRONT WALL)
LARGE FORT

(1) Y1 - GROUND BOARD - W4L07874
5/8"x4"x61 3/4" (16x102x1570)

(1) G01 - DECK RAIL - W4L07892
1"x5 1/4"x62 1/2" (24x134x1586)

376 mm
[14 3/4 in]

376 mm
[14 3/4 in]

376 mm
[14 3/4 in]
STEP 3

INTERIOR VIEW
(FRONT WALL)
LARGE FORT

H01 - FLOOR SUPPORT - W4L07878
1"x3 3/8"x25 5/8" (24x86x652)

H04 - BLOCK - W4L07881
1"x3 3/9"x3" (24x86x76)

P1 - DECK SUPPORT - W4L07894
1 3/8"x1 3/8"x25 5/8" (36x36x650)

SCREW PFH 8x2 (6 PLCS)

'H1' FLUSH TO BOTTOM OF UPRIGHTS

SCREW PFH 8x1-1/2" (8 PLCS)

WP1

Y1

H04

H01

'B1' FLUSH TO TOP OF UPRIGHTS

SCREW PFH 8x2 (4 PLCS)

WP1

Y1

H01

SCREW PFH 8x1-1/2" (8 PLCS)
STEP 4

NOTE:
UPRIGHT ORIENTATION

FIG. 1

T-NUT 5/16
(15 PLCS)

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 (3 PLCS)
- WASHER LOCK EXT 8x19 (3 PLCS)

**FIG. 2**

- BOLT WH 5/16x3 1/2 (3 PLCS)
- WASHER LOCK EXT 8x19 (6 PLCS)
- BOLT WH 5/16x3 3/4 (3)
- WASHER LOCK EXT 8x19 (12)
- BOLT WH 5/16x3 1/2
- WASHER LOCK EXT 8x19 (6)

**FIG. 3**

- BOLT WH 5/16x3 1/2 (6 PLCS)
- WASHER LOCK EXT 8x19 (6 PLCS)

**EXTERIOR VIEW**

(BACK WALL)

LARGE FORT
STEP 6

NOTE:

INSERT T-NUTS FIRST

INTERIOR VIEW
(BACK WALL)
LARGE FORT

FIG. 1

FIG. 2

T-NUT 5/16
(2 PLCS)

T-NUT 5/16
(2 PLCS)

FLUSH TO TOP
OF UPRIGHT

FLUSH

SCREW PFH 8x2
(6 PLCS)

SCREW PFH 8x2
(4 PLCS)

SCREW PFH 8x1-1/2"
(8 PLCS)

SCREW PFH 8x1-1/2"
(8 PLCS)

SCREW PFH 8x2
(10)

SCREW PFH
8x1-1/2
(8)

SCREW PFH
8x2
(10)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)

(2)

H04 - BLOCK - W4L07881
1 1/8"x1 3/8"x3" (24x86x76)
STEP 7

NOTE: ALL BOARD ORIENTATION

G04 - DECK RAIL - W4L07893
1"x5 1/4"x80 1/4" (24x134x2038)

BOLT WH 5/16x3 1/2
(8)

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

WASHER LOCK EXT 8x19
(4 PLCS)

EXTERIOR VIEW
(LEFT & RIGHT SIDES)
LARGE FORT
STEP 9

(1) H02 - JOIST - W4L07879
1"x3 3/8"x60 3/8" (24x86x1534)

(2) H03 - JOIST - W4L07880
1"x3 3/8"x60 1/2" (24x86x1536)

(1) H04 - BLOCK - W4L07881
1"x3 3/8"x3" (24x86x76)

FIG. 1

INTERIOR VIEW
(FLOOR JOISTS)
LARGE FORT

FIG. 2

SCREW PFH 8x2
(14 PLCS)

H02 - JOIST - W4L07879
1"x3 3/8"x60 3/8" (24x86x1534)

H03 - JOIST - W4L07880
1"x3 3/8"x60 1/2" (24x86x1536)

H04 - BLOCK - W4L07881
1"x3 3/8"x3" (24x86x76)

B02

Y2

K02

H02

H03

H04

K02

H03

K02

H02

H04
STEP 10

TAP IN GROUND STAKES AT AN APPROXIMATE 45° ANGLE AT THE LOCATIONS SHOWN. USING GROUND STAKES AS A GUIDE, DRILL 7/16" DIA HOLES.

NOTE:
FAILURE TO USE GROUND STAKES CAN VOID WARRANTY & CAUSE INJURY!

EXTERIOR VIEW
(GROUND STAKES)
LARGE FORT
STEP 11

INTERIOR VIEW

(PICNIC UPRIGHT)

LARGE FORT

B05 - UPRIGHT - W4L07872
3"x3"x26 1/2" (76x76x672)

(1) B05 - UPRIGHT - W4L07872
3"x3"x26 1/2" (76x76x672)

NOTE:
UPRIGHT ORIENTATION

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

WASHER LOCK EXT 8x19 (2 PLCS)

T-NUT 5/16 (2 PLCS)
STEP 12

INTERIOR VIEW
(OUTER FLOOR BOARDS)
LARGE FORT
STEP 13

INTERIOR VIEW
(FLOOR PANELS)
LARGE FORT

BE SURE THAT THE HOLES IN THE FLOOR PANELS ALIGN WITH THE FLOOR JOISTS.

SCREW PFH 8x1-1/4" (80 PLCS)

(80) SCREW PFH 8x1-1/4"

(1) FP2 - FLOOR PANEL - W2A02191
3 3/8" x 3 3/8" x 49 3/8" (86x86x1254)

(2) FP1 - FLOOR PANEL - W2A02190
1 1/4" x 17" x 80 1/4" (32x432x2038)

(1) FP3 - FLOOR PANEL - W2A02192
3 3/8" x 3 3/8" x 49 3/8" (86x86x1254)
STEP 14

PICKET DIAGRAM

FIG. 1

INTERIOR VIEW
BACK WALL
LARGE FORT

FRONT

2 5/8

M08

FIG. 2

2

2 5/8 TYP

M08

M08

SCREW PFH 8x1 1/8
(16 PLCS)

M08

M08

M08

M08

M08

M08

M08

(8) M08 - PICKET - W4L07887
5/8”x3 3/8”x27” (16x86x686)

SCREW PFH 8x1 1/8
(16 PLCS)

INTERIOR VIEW
BACK WALL
LARGE FORT

FRONT

RIGHT SIDE
STEP 15

FIG. 1

PICKET DIAGRAM

FIG. 2

SCREW PFH 8x1-1/8"

(12) SCREW PFH 8x1-1/8"

INTERIOR VIEW
(RIGHT WALL)
LARGE FORT

LEFT SIDE

FRONT

LEFT SIDE

M08 - PICKET - W4L07887
5/8"x3 3/8"x27" (16x86x686)
STEP 16

LOCATE SUPPORTS USING PILOT HOLES

WASHER LOCK EXT 8x19 (4 PLCS)

LAG SCREW WH 5/16x3 (4 PLCS)

WASHER LOCK EXT 12x19 (4 PLCS)

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

LAG SCREW WH 5/16x3 (4 PLCS)

WASHER LOCK EXT 8x19 (4 PLCS)

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

LAG SCREW WH 5/16x3 (8)

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

WASHER LOCK EXT 8x19 (16)

LEFT SIDE

FRONT

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

**FIG. 1**

- **B01**
- **PP1**
- **PP2**
- **SCREW PFH 8x2** (20 PLCS)

**FIG. 2**

- **PP1**
- **PP2**
- **FLUSH**
- **SCREW PFH 8x2** (8 PLCS)

**INTERIOR VIEW**

(PICNIC TABLE & BENCHES)

LARGE FORT

- (1) PP1 - PICNIC BENCH - W2A02193
  1 5/8"x6 3/4"x40 1/4" (40x173x1042)

- (2) PP2 - PICNIC BENCH - W2A02194
  1 5/8"x6 3/4"x40 1/4" (40x173x1042)

- **B01**
- **PP1**
- **PP2**
- **LEFT SIDE**
STEP 18

INTERIOR VIEW
(OVERHEAD - DECK FLOOR JOISTS)
LARGE FORT

FIG. 1

SCREW PFH 8x2
(10 PLCS)

H03
G04

FIG. 2

FLUSH

SCREW PFH 8x2
(2 PLCS)

B02

H03
H15

H03

H15

LEFSIDE

FRONT

(2) H03 - JOIST - W4L07880
    1"x3 3/8"x60 1/2" (24x86x1536)

(1) H15 - JOIST - W4L07895
    1"x3 3/8"x60 1/2" (24x86x1536)
STEP 19

DECK FLOOR LAYOUT

FIG. 1

FRONT

FIG. 2

BE SURE THAT THE HOLES IN THE FLOOR BOARDS & PANELS ALIGN WITH THE FLOOR JOISTS.

INTERIOR VIEW
(OVERHEAD - DECK)
LARGE FORT
BACK RIGHT CORNER

FIG. 1

INTERIOR VIEW
(GUSSETS - RIGHT SIDE)
LARGE FORT

STEP 20

FRONT RIGHT CORNER

FIG. 2

FLUSH TO FLOOR

E01

E01

E01

E01

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

WASHER LOCK EXT 8x19 (4 PLCS)

T-NUT 5/16 (4 PLCS)

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

FLUSH TO FLOOR SUPPORT

WASHER LOCK EXT 8x19 (4 PLCS)

T-NUT 5/16 (4 PLCS)

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

FLUSH TO FLOOR

E01

E01

E01

E01

(4) E01 - GUSSET - W4L07897 3/8"x3 3/8"x20" (36x86x508)
STEP 22

EXTERIOR VIEW
(FRONT UPPER RAILS)
LARGE FORT
STEP 23

NOTE:

UPRIGHT ORIENTATION

FIG. 1

LAG SCREW WH 5/16x2 (1 PLC)

WASHER LOCK EXT 8x19 (2 PLCS)

B09

B08

T-NUT 5/16 (1 PLC)

BACK RIGHT CORNER

B09 - UPRIGHT - W4L07903
3"x3"x66" (76x76x1676)

B08 - UPRIGHT - W4L07902
3"x3"x79" (76x76x2006)

B06 - UPRIGHT - W4L07901
3"x3"x54" (76x76x1372)

NOTE HOLE LOCATION FOR PROPER ORIENTATION.

FIG. 3

T-NUT 5/16 (1 PLC)

B06

WASHER LOCK EXT 8x19 (2 PLCS)

LAG SCREW WH 5/16x2 (1 PLC)

B09

B08

B06

LEFT SIDE

B09 - UPRIGHT - W4L07903
3"x3"x66" (76x76x1676)

B08 - UPRIGHT - W4L07902
3"x3"x79" (76x76x2006)

B06 - UPRIGHT - W4L07901
3"x3"x54" (76x76x1372)

EXTERIOR VIEW

(BACK UPPER UPRIGHTS)

LARGE FORT

FIG. 2

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

WASHER LOCK EXT 8x19 (1 PLC)

B08

B08

T-NUT 5/16 (1 PLC)

B09

B08

B06

LEFT SIDE

WASHER LOCK EXT 8x19 (2 PLCS)

LAG SCREW WH 5/16x2 (1 PLC)
**STEP 24**

**FIG. 1**

- **H07** - WALL RAIL - W4L07905
  - 1"x3 3/8"x60 3/8" (24x86x1534)

- **H25** - ARCH RAIL - W4L07908
  - 1"x3 3/8"x61 3/8" (24x86x1550)

**NOTE:**

- **B09**
  - T-NUT 5/16 (4 PLCS)
  - BOLT WH 5/16x3 3/4 (4 PLCS)
  - WASHER LOCK EXT 8x19 (5)

**FIG. 2**

- **H25**
  - WASHER LOCK EXT 8x19 (1 PLC)
  - LAG SCREW WH 5/16x2 (1 PLC)

**FIG. 3**

**LEFT BACK CORNER**

**EXTERIOR VIEW**

*(BACK UPPER RAILS)*

**LARGE FORT**

**NOTE:**

- 'H25' ORIENTATION
- NO HARDWARE HERE IN THIS STEP
NOTE: HARDWARE ORIENTATION

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

**FIG. 1**

**FIG. 2**

**FIG. 3**

**EXTERIOR VIEW**
(RIGHT CENTER UPRIGHTS & RAIL)
LARGE FORT
STEP 26

NOTE: 'H14' & 'H32' ORIENTATION

H14 - RAIL - W4L07979 1"x3 3/8"x40 1/8" (24x86x1020)

H32 - RAIL - W4L07993 1"x3 3/8"x40 1/8" (24x86x1020)

H14 - RAIL - W4L07979 1"x3 3/8"x38 3/8" (24x86x976)

NOTE: HARDWARE ORIENTATION

T-NUT 5/16 (6 PLCS)

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

WASHER LOCK EXT 8x19

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

EXTerior View
(RIGHT Upper Center Rails)
LARGE FORT
STEP 27

NOTE: PILOT HOLES

**FIG. 1**

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

**NOTE:** "H6" ORIENTATION

**FIG. 2**

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

**FIG. 3**

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

**EXTERIOR VIEW**

(LEFT UPPER RAILS)
LARGE FORT
FIG. 1

NOTE: PILOT HOLES

LAG SCREW WH 5/16x2
(2 PLCS)

BOLT WH 5/16x2 1/4
(1 PLC)

WASHER LOCK EXT 8x19
(3 PLCS)

FIG. 2

WASHER LOCK EXT 8x19
(2 PLCS)

BOLT WH 5/16x2
(1 PLC)

FIG. 3

WASHER LOCK EXT 12x19
(1 PLC)

LAG SCREW WH 5/16x2
(1 PLC)

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

L BRACKET
(1 PLC)

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

INTERIOR VIEW
(CENTER UPPER WALL FRAME)
LARGE FORT

M10 - WALL RAIL - W4L07917
5/8"x3 3/8"x41 3/4" (16x86x1062)

J01 - WALL RAIL - W4L07916
1"x2 3/8"x78 5/8" (24x60x1998)

E05 - UPRIGHT - W4L07915
1 3/8"x3 3/8"x66 1/2" (36x86x1690)

(TZ - L BRACKET. 2.5x38x50x55 - A100340)
STEP 29

FIG. 1

WALL BOARDS FLUSH TO FLOOR

NOTE:
WALL BOARDS EVENLY SPACED

FIG. 2

INTERIOR VIEW
(LEFT UPPER WALL)
LARGE FORT

M09 - WALL BOARD - W4L07911
5/8"x3 3/8"x30" (16x86x762)

N1 - WALL BOARD - W4L07912
5/8"x2 3/8"x30" (16x60x762)

SCREW PFH 8x1 1/4
(22 PLCS)
STEP 30

FIG. 1

NOTE:
WALL BOARDS EVENLY SPACED

FIG. 2

INTERIOR VIEW
(BACK UPPER WALL)
LARGE FORT
STEP 31

NOTE: 'M25' ORIENTATION (2 PLCS)

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

WASHER LOCK EXT 8x19
(4 PLCS)

FIG. 1

NOTE: 'M15' ORIENTATION (2 PLCS)

M25

M15

M09

FIG. 2

INTERIOR VIEW
(UPPER RIGHT CENTER WALL)
LARGE FORT

FRONT LEFT CORNER
STEP 32

**NOTE:**
'M11' WALL BOARDS FLUSH TO FLOOR (10 PLCS)

**NOTE:**
'M11' ORIENTATION

**INTERIOR VIEW**
(UPPER RIGHT OUTER WALLS)
LARGE FORT
STEP 33

FIG. 1

90° L-BRACKET - BLK (2 PLCS)

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

FIG. 2

SCREW PFH 8x2 (2 PLCS)

FIG. 3

G06

FIG. 4

G06
G05

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

EXTerior VIEW
(RIGHT ROOF LINE)
LARGE FORT
STEP 34

FIG. 1

- **N4 - ROOF RAIL - W4L07924**
  - 5/8”x2 3/8”x82 1/8” (16x60x2086)
- **J03 - JOIST - W4L07925**
  - 1”x2 3/8”x5 3/4” (24x60x146)
- **J04 - JOIST - W4L07928**
  - 1”x2 3/8”x4 3/4” (24x60x122)

**SCREW PFH 8x1 3/4**
- **(8 PLCS)**

FIG. 2

**SCREW PWH 8x5/8 BLK**
- **(2 PLCS)**

FIG. 3

**SCREW PFH 8x1 3/4**
- **(4 PLCS)**

**EXTERIOR VIEW**
(RIGHT EXTENDED ROOF)
LARGE FORT
EXTERIOR VIEW
(RIGHT ROOF ASSEMBLY)
LARGE FORT

FIG. 1

START FLUSH HERE
NOTE ORIENTATION OF 'KE1'

FIG. 2

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

SCREW PFH 8x1 1/4 BLK
(2 PLCS)
STEP 36

FIG. 1

INTERIOR VIEW
(LEFT CENTER TRUSS ATTACHMENT)
LARGE FORT

SCREW PFH 8x1-3/4”
(4 PLCS)

(8) SCREW PFH 8x1-3/4”

FIG. 2

EXTERNAL VIEW
(LEFT CENTER ROOF TRUSSES)
LARGE FORT

7/16”

SCREW PFH 8x1-3/4”
(4 PLCS)
STEP 37

FIG. 1

WASHER LOCK EXT 8x19 (4 PLCS)

LAG SCREW WH 5/16x2 (4 PLCS)

NOTE: USE PILOT HOLE TO LOCATE 'G5' TRUSS

FIG. 2

EXTERIOR VIEW
(LEFT OUTER ROOF TRUSSES)

LARGE FORT
STEP 38

EXTERIOR VIEW
(LEFT ROOF LINE)
LARGE FORT

FIG. 1

SCREW PFH 8x1-1/2 BLK (64 PLCS)

KE1

KE2

KP1

FIG. 2

KE1

KP1

KE2

KP1

LEFT SIDE
FRONT

(1) KE1 - END SHINGLE - W4L07922
5/8"x3 3/8"x86 7/8" (16x86x2206)

(1) KE2 - END SHINGLE - W4L07929
5/8"x3"x86 7/8" (16x86x2206)

(9) KP1 - SHINGLE - W4L07921
5/8"x3 3/8"x86 7/8" (16x86x2206)

KP1 - SHINGLE - W4L07921
5/8"x3 3/8"x86 7/8" (16x86x2206)
STEP 39

**NOTE: WALL BOARDS ORIENTATION**

**INTERIOR VIEW**
(CENTER WALL)
LARGE FORT

**NOTE:** WALL BOARDS EVENLY SPACED

- M11 - WALL BOARD - W4L07914
  5/8"x3 3/8"x66" (16x86x1676)
  (9)

- N3 - WALL BOARD - W4L07918
  5/8"x2 3/8"x66" (16x60x1676)
  (2)

- SCREW PFH 8x1 1/8
  (33 PLCS)

**NOTE:** WALL BOARDS ORIENTATION
STEP 40

NOTE:
WALL BOARDS EVENLY SPACED

NOTE:
REPEAT FOR FRONT UPPER WALL ENCLOSURE

INTERIOR VIEW
(BACK UPPER RIGHT PANEL)
LARGE FORT

LEFT SIDE
FRONT
**STEP 41**

**FIG. 1**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions (W x H x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M32</td>
<td>WALL BOARD</td>
<td>W4L08013</td>
</tr>
<tr>
<td>K13</td>
<td>WALL BOARD</td>
<td>W4L08016</td>
</tr>
<tr>
<td>M35</td>
<td>WALL BOARD</td>
<td>W4L08017</td>
</tr>
<tr>
<td>M36</td>
<td>WALL BOARD</td>
<td>W4L08018</td>
</tr>
<tr>
<td>M34</td>
<td>WALL BOARD</td>
<td>W4L08019</td>
</tr>
<tr>
<td>M37</td>
<td>WALL BOARD</td>
<td>W4L08020</td>
</tr>
<tr>
<td>M33</td>
<td>WALL BOARD</td>
<td>W4L08021</td>
</tr>
</tbody>
</table>

**NOTE:**
- WALL BOARDS EVENLY SPACED
- REPEAT FOR FRONT UPPER WALL ENCLOSURE

**INTERIOR VIEW**
(BACK UPPER LEFT PANEL)
STEP 42

NOTE: UPRIGHT ORIENTATION

(15) T-NUT 5/16

B10 - UPRIGHT - W4L07939
3"x3"x59" (76x76x1500) (2)

B12 - UPRIGHT - W4L07940
3"x3"x59" (76x76x1500) (1)

NOTE: PILOT HOLE

INTERIOR VIEW
(RIGHT UPRIGHTS SMALL FORT)
STEP 43

EXTERIOR VIEW
(RIGHT SIDE SMALL FORT)

FIG. 1

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

WASHER LOCK EXT 8x19
(3 PLCS)

FIG. 2

BOLT WH 5/16x3 1/2
(6 PLCS)

WASHER LOCK EXT 8x19
(6 PLCS)

B10

G10

K04

B12

(1) G10 - DECK RAIL - W4L07946
1"x5 1/4"x59 1/2" (24x134x1510)

(1) K04 - GROUND BOARD - W4L07935
5/8"x5 1/4"x59 1/2" (16x134x1510)

BOLT WH 5/16x3 1/2
(6)

(3)

WASHER LOCK EXT 8x19
(9)
STEP 44

NOTE: UPRIGHT ORIENTATION

FIG. 1

T-NUT 5/16
(12 PLCS)

FIG. 2

INTERIOR VIEW
(MIDDLE UPRIGHTS SMALL FORT)
STEP 45

G12 - DECK RAIL - W4L07949
1"x5 1/4"x59 1/2" (24x134x1510)

H29 - RAIL - W4L07944
1"x3 3/8"x59 1/2" (24x86x1510)

K06 - GROUND BOARD - W4L07936
5/8"x5 1/4"x59 1/2" (16x134x1510)

FIG. 1

FIG. 2

LAG SCREW WH 5/16x2
(2 PLCS)

WASHER LOCK EXT 8x19
(2 PLCS)

FIG. 3

WASHER LOCK EXT 8x19
(4 PLCS)

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

WASHER LOCK EXT 8x19
(8)

NOTE:
'G12' ORIENTATION

EXTERIOR VIEW
(MIDDLE WALL RIGHT SIDE)
SMALL FORT
STEP 46

NOTE: 'B11' and 'B15' ORIENTATION

FIG. 1

FIG. 2

FIG. 3

FIG. 4

INTERIOR VIEW
(LEFT SIDE UPRIGHTS)
SMALL FORT
STEP 47

**FIG. 1**

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

**FIG. 2**

- **BOLT WH 5/16x3 1/2** (6 PLCS)
- **WASHER LOCK EXT 8x19** (6 PLCS)

**EXTERIOR VIEW**
(LEFT SIDE RAILS)
SMALL FORT
STEP 48

FIG. 1

NOTE:
BOARD ORIENTATION

FIG. 2

EXTERIOR VIEW
(RIGHT FRONT CORNER)
SMALL FORT

BOLT WH 5/16x3 1/2
(8 PLCS)

WASHER LOCK EXT 8x19
(8 PLCS)

G09 - DECK RAIL - W4L07947
1"x5 1/4"x42 5/8" (24x134x1084)

(1)

(1)

K03 - GROUND BOARD - W4L07937
5/8"x5 1/4"x62 7/8" (16x134x1598)

(2)

G11 - DECK RAIL - W4L07948
1"x5 1/4"x42 5/8" (24x134x1084)

G09

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

WASHER LOCK EXT 8x19
(4 PLCS)

G11

K03

G09 - DECK RAIL - W4L07947
1"x5 1/4"x42 5/8" (24x134x1084)

MIDDLE

RIGHT SIDE

WASHER LOCK EXT 8x19
(8 PLCS)

BOLT WH 5/16x3 1/2
(8 PLCS)

K03
NOTE: POSITION SMALL FORT FRAME AS SHOWN

EXTERIOR VIEW (FORT POSITIONING FOR BRIDGE)
**STEP 50**

**EXTERIOR VIEW**

(BRIDGE SUPPORT)

SMALL FORT

---

**E07 - BRIDGE SUPPORT - W4L07978**

1 3/8"x3 3/8"x41 5/8" (36x86x1057)

---

**WASHER LOCK EXT 8x19**

(4 PLCS)

**LAG SCREW WH 5/16x3**

(4 PLCS)

---

**NOTE:**

PILOT HOLES
STEP 51

NOTE:
PILOT HOLES

WASHER LOCK EXT 8x19  
(4 PLCS)

LAG SCREW WH 5/16x3  
(4 PLCS)

E07 - BRIDGE SUPPORT - W4L07978  
1 3/8"x3 3/8"x41 5/8" (36x86x1057)

(4) WASHER LOCK EXT 8x19

(4) LAG SCREW WH 5/16x3

EXTERIOR VIEW  
(BRIDGE SUPPORT)  
LARGE FORT
STEP 52

(2) H13 - JOIST - W4L07950
1"x3 3/8"x40 3/4" (24x86x1036)

INTERIOR VIEW
(OVERHEAD)
SMALL FORT
STEP 53

NOTE:
MAKE AN OPPOSITE FRONT ASSEMBLY

EXTERIOR VIEW
(BRIDGE RAILS)
STEP 54

FIG. 1

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

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

WASHER LOCK EXT 12x19
(4 PLCS)

FIG. 2

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

WASHER LOCK EXT 12x19
(4 PLCS)

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

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

WASHER LOCK EXT 12x19
(4 PLCS)

(8) BOLT WH 5/16x1/2

(8) NUT BARREL WH 5/16x7/8

(8) WASHER LOCK EXT 12x19

EXTERIOR VIEW
(BRIDGE RAIL ATTACHMENT)
BOTH FORTS
STEP 55

LEFT SIDE ASSEMBLY
(SMALL FORT)

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

EXTERIOR VIEW
(LEFT SIDE WALL)

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

WASHER LOCK EXT 8x19 (4 PLCS)

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

RIGHT SIDE

FRONT

LEFT SIDE
STEP 56

INTERIOR VIEW
(SERVING STATION SUPPORT)
SMALL FORT

NOTE:
'H31' ORIENTATION

(1) H31 - SUPPORT - W4L07945
1"x3 3/8"x6" (24x86x152)

(2) SCREW PFH 8x2

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY
STEP 57

INTERIOR VIEW
(MIDDLE SERVING WALL)
SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

(1) M08 - PICKET - W4L07887
5/8"x3 3/8"x27" (16x86x686)

(15) M08 - PICKET - W4L07887
5/8"x3 3/8"x27" (16x86x686)

(32) SCREW PFH 8x1 1/8

(1) N2 - WALL BOARD - W4L07968
5/8"x2 3/8"x27" (16x60x686)
STEP 58

FIG. 1

SCREW PFH 8x1 3/4 (12 PLCS)

PP3

LAG SCREW WH 1/4x2 1/2 (2 PLCS)

WASHER LOCK EXT 6x15 (2 PLCS)

FIG. 2

INTERIOR VIEW

(SERVING TABLE on MIDDLE WALL)

SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

J05 - GUSSET - W4L07951
1"x2 3/8"x10 3/4" (24x60x274)

(1) PP3 - SERVING TABLE - W2A02196
1 5/8"x10 1/2"x59 1/2" (40x268x1510)
STEP 59

FIG. 1

NOTE: 'H30' ORIENTATION

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

FIG. 2

NOTE: PILOT HOLES

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

EXTERIOR VIEW
(LEFT SIDE SERVING BENCH)
SMALL FORT
(1) PP4 - SERVING BENCH - W2A02195
1 5/8"x6"x59 1/2" (40x152x1510)

16) SCREW PFH 8x1 3/4

FIG. 1

FIG. 2

FIG. 3

EXTERIOR VIEW
(LEFT SIDE SERVING BENCH)
SMALL FORT

LEFT SIDE
STEP 61

INTERIOR VIEW
(OVERHEAD DECK SUPPORTS)
SMALL FORT

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY
STEP 62

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

SCREW PFH 8x1-1/4"
(48 PLCS)

NOTE:
BRIDGE RAILS NOT SHOWN FOR CLARITY

BE SURE THAT THE HOLES IN THE FLOOR PANELS ALIGN WITH THE FLOOR JOISTS.

INTERIOR VIEW
(OVERHEAD - DECK)
SMALL FORT
STEP 63

**FIG. 1**

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

**NOTE**: UPRIIGHT ORIENTATION

**NOTE**: HOLE LOCATION FOR PROPER ORIENTATION.

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

**FIG. 2**

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

**NOTE**: UPRIIGHT ORIENTATION

**EXTERIOR VIEW**

(FRONT UPPER UPRIGHTS)

SMALL FORT
STEP 64

FIG. 1

NOTE: UPRIGHT ORIENTATION

NOTE HOLE LOCATION FOR PROPER ORIENTATION.

FIG. 2

NOTE HOLE LOCATION FOR PROPER ORIENTATION.

EXTERIOR VIEW
(BACK UPPER UPRIGHTS)
SMALL FORT
INTERIOR VIEW
(OVERHEAD)
SMALL FORT

STEP 65

FIG. 1

H17 - ARCH RAIL - W4L07958
1"x3 3/8"x41 3/4" (24x86x1060)

H16 - WALL RAIL - W4L07957
1"x3 3/8"x20 7/8" (24x86x529)

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

LAG SCREW WH 5/16x2
(4 PLCS)

WASHER LOCK EXT 8x19
(7 PLCS)

T-NUT 5/16
(3 PLCS)

NO HARDWARE IN THIS STEP

FIG. 2

H16 - ARCH RAIL - W4L07959
1"x3 3/8"x42 5/8" (24x86x1084)

H19 - WALL RAIL - W4L07956
1"x3 3/8"x59 1/2" (24x86x1510)
STEP 66

**NOTE:** 'M14' ORIENTATION

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

**FRONT**

**RIGHT SIDE**

---

**M09 - WALL BOARD - W4L07911**
5/8"x3 3/8"x30" (16x86x762)  
(14)

**N1 - WALL BOARD - W4L07912**
5/8"x2 3/8"x30" (16x60x762)  
(1)

**M14 - WALL BOARD - W4L07977**
5/8"x3 3/8"x30" (16x86x762)  
(1)

---

SCREW PFH 8x1 1/4
(32 PLCS)

---

26 1/4"
STEP 67

NOTE:
WALL BOARDS EVENLY SPACED

INTERIOR VIEW (RIGHT UPPER WALL)

SMALL FORT

(2) N1 - WALL BOARD - W4L07912
5/8"x2 3/8"x30" (16x86x762)

N1

M09

N1

N1

M09

SCREW PFH 8x1 1/4
(10 PLCS)

LEFT SIDE

FRONT

(3) M09 - WALL BOARD - W4L07911
5/8"x3 3/8"x30" (16x86x762)

M09 - WALL BOARD - W4L07912
5/8"x2 3/8"x30" (16x60x762)

INTERIOR VIEW
(RIGHT UPPER WALL)
SMALL FORT
STEP 68

INTERIOR VIEW
(FRONT UPPER WALL)
SMALL FORT

NOTE: 'M13' ORIENTATION

SCREW PFH 8x1-1/4"
(8 PLCS)

M13

M13

M13

M13

H16

FLUSH

5"

5"

RIGHT SIDE

BACK

(2) M13 - WALL BOARD - W4L07960
5/8"x3 3/8"x30" (16x86x762)

(8) SCREW PFH 8x1-1/4"
STEP 69

INTERIOR VIEW
(BACK WALL BOARDS)
SMALL FORT

M09 - WALL BOARD - W4L07911
5/8"x3 3/8"x30" (16x86x762)

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

(8) SCREW PFH 8x1 1/4
(8 PLCS)
STEP 70

EXTERIOR VIEW

(UPPER WALL RAILS)

SMALL FORT

NOTE: 'K07' ORIENTATION

BOTTOM
NOTE:
MAKE (2) ROOF TRUSS ASSEMBLIES

FIG. 1

FIG. 2

EXTERIOR VIEW
(ROOF TRUSS ASSEMBLY)
SMALL FORT
NOTE:
HAND-TIGHTEN BOLTS ONLY
(4 PLCS)
FIG. 1

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

WASHER LOCK EXT 12x19
(4 PLCS)

WASHER LOCK EXT 8x19
(4 PLCS)

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

NOTE:
SECURE BOLTS
(4 PLCS)

FIG. 2

FRONT

RIGHT SIDE

STEP 73

FIG. 1

WASHER
LOCK
EXT
8x19
(4)

WASHER
LOCK
EXT
12x19
(4)

WASHER
LOCK
EXT
8x19
(4)

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

BOLT
WH
5/16x1 1/2

WASHER
LOCK
EXT
(4)

(4)

(4)

(4)

EXTERIOR VIEW
(ROOF TRUSS ASSEMBLIES)
SMALL FORT
INTERIOR VIEW
(ROOF CAP SHINGLE)
SMALL FORT

NOTE:
CENTER 'KC1' ROOF CAP ON (2) 'J6' TRUSSES WITH 2-3/8" OVERHANG
STEP 75

1. **KE3 - END SHINGLE - W4L07963**
   - 5/8"x5 1/4"x47 3/8" (16x134x1204)

2. **KP2 - SHINGLE - W4L07962**
   - 5/8"x3 3/8"x47 3/8" (16x86x1204)

**SCREW PFH 8x1 1/4 BLK (55 PLCS)**

**FLUSH**

**kp2**

**KE3**

**kc1**

**RIGHT SIDE**
STEP 76

**FRONT ROOF SECTION**

- **KE3 - END SHINGLE - W4L07963**
  - 5/8"x3 3/8"x47 3/8" (16x86x1204)
- **KP2 - SHINGLE - W4L07962**
  - 5/8"x3 3/8"x47 3/8" (16x86x1204)

**SCREW PFH 8x1 1/4 BLK**

(55 PLCS)

**EXTERIOR VIEW**

(BACK ROOF SECTION)

SMALL FORT
**STEP 77**

INSTALL THE (2) M42 WALL BOARDS FIRST.

**FIG. 1**

- **M42 - WALL BOARD - W4L08025**
  5/8”x3 3/8”x19 1/2” (16x86x494)
- **M43 - WALL BOARD - W4L08026**
  5/8”x3 3/8”x19 1/8” (16x86x486)
- **M44 - WALL BOARD - W4L08027**
  5/8”x3 3/8”x18 5/8” (16x86x474)
- **M45 - WALL BOARD - W4L08028**
  5/8”x3 3/8”x17 3/4” (16x86x450)
- **M46 - WALL BOARD - W4L08029**
  5/8”x3 3/8”x16 1/2” (16x86x420)
- **M47 - WALL BOARD - W4L08030**
  5/8”x3 3/8”x15 1/8” (16x86x384)
- **M48 - WALL BOARD - W4L08031**
  5/8”x3 3/8”x13 1/2” (16x86x344)
- **M49 - WALL BOARD - W4L08032**
  5/8”x3”x11 3/4” (16x76x300)

**FIG. 2**

- **SCREW PFH 8x1-1/8” (32 PLCS)**

**INTERIOR VIEW**

(GABLE - BRIDGE SIDE)

SMALL FORT

**FLUSH BOTTOM OF GABLE BOARDS WITH 'K7' ROOF RAIL**
STEP 78
INSTALL THE (2) M42 WALL BOARDS FIRST.

FIG. 1

INTERIOR VIEW
(GABLE - PORCH SIDE)
SMALL FORT

FIG. 2

INTERIOR PORCH SIDE

FLUSH BOTTOM OF GABLE BOARDS WITH 'K10' ROOF RAIL

FLUSH TO BOTTOM EDGE.
**STEP 79**

INTERIOR VIEW

(PORCH SIDE WINDOW FRAME)

SMALL FORT

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H33 - PICKET - W4L08294
1"x3 3/8"x25 7/8" (24x86x656)

J10 - PICKET - W4L08293
1"x3 3/8"x25 7/8" (24x86x656)

J11 - PICKET - W4L08295
1"x2 3/8"x53 1/2" (24x60x1358)

---

SCREW PFH 8x1
(6 PLCS)

SCREW PFH 8x1 1/8
(20 PLCS)
STEP 80

FIG. 1

G15 - ROOF TRUSS - W4L07971
1 1/2"x5 1/4"x31 1/2" (37x134x801)

LAG SCREW WH 5/16x2
(4 PLCS)

FLUSH WITH UPRIGHT

FIG. 2

WASHER LOCK EXT 8x19
(4 PLCS)

LAG SCREW WH 5/16x2
(4 PLCS)

LOCATE ‘G15’ TRUSSES
USING OFF-SET PILOT HOLE

EXTERIOR VIEW
(PORCH SIDE OUTER TRUSSES)
SMALL FORT
**STEP 81**

**FIG. 1**

- SCREW PFH 8x1 3/4 (2 PLCS)
- SCREW PFH 8x1 1/2 (6 PLCS)

**NOTE:** 'M55' ORIENTATION

**FIG. 2**

- SCREW PFH 8x1 3/4 (2 PLCS)
- SCREW PFH 8x1 1/2 (6 PLCS)

---

**EXTERIOR VIEW**

(LEFT SIDE ROOF SUPPORTS)

SMALL FORT
**NOTE:**
KE4 ORIENTATION (2 PLCS)

**NOTE:**
SHINGLES HAVE APPROXIMATELY 2-3/8" OVERHANG

**EXTERIOR VIEW**
(PORCH ROOF ATTACHMENT)
SMALL FORT
STEP 83

NOTE:
LOCATE & LEVEL 'M53'
RAIL USING PILOT HOLES
ON 'B11' & 'B15' UPRIGHTS

LAG SCREW WH 5/16x2
(4 PLCS)

WASHER LOCK EXT 8x19
(4 PLCS)

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

INTERIOR VIEW
(LEFT SIDE PORCH GABLES)
SMALL FORT

NOTE:
REPEAT FOR FRONT GABLE
STEP 85

FIG. 1

FIG. 2

EXTERIOR VIEW
(GUSSET ATTACHMENT)
SMALL FORT
STEP 86

TAP IN GROUND STAKES AT AN APPROXIMATE 45° ANGLE AT THE LOCATIONS SHOWN. USING GROUND STAKES AS A GUIDE, DRILL 7/16" DIA HOLES.

NOTE:
FAILURE TO USE GROUND STAKES CAN VOID WARRANTY & CAUSE INJURY!
**STEP 87**

**EXTerior View**

*(Center Bridge Joist)*

**Bridge**

- **Bolt WH 5/16x3** (2 Plcs)
- **Bolt WH 5/16x1/2** (4 Plcs)
- **Nut Barrel WH 5/16x7/8** (4 Plcs)
- **Washer Lock Ext 12x19** (4 Plcs)
- **Nut Barrel WH 5/16x7/8** (2 Plcs)
STEP 88

SPACE BOARDS EVENLY.

(23) M12 - FLOOR BOARD - W4L07932

SCREW PFH 8x1-1/4" (69 PLCS)

LARGE FORT FRONT

M12 (23 PLCS)

SMALL FORT FRONT

BRIDGE

EXTerior View (Bridge Floor Boards)
STEP 89

FIG. 1

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

WASHER LOCK EXT 8x19 (1 PLC)

WASHER LOCK EXT 12x19 (1 PLC)

FIG. 2

NUT BARREL WH 5/16x1 1/2 (1 PLC)

WASHER LOCK EXT 12x19 (1 PLC)

WASHER LOCK EXT 8x19 (1 PLC)

FIG. 3

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

WASHER LOCK EXT 8x19 (1 PLC)

FIG. 4

WASHER LOCK EXT 12x19 (1 PLC)

NUT BARREL WH 5/16x1-1/2 (1 PLC)

SMALL FORT

BRIDGE

LARGE FORT

EXTERIOR VIEW (BRIDGE RAILS)
STEP 90

M09 - WALL BOARD - W4L07911
5/8"x3 3/8"x30" (16x86x762)

(24) SCREW PFH 8x1 1/4
(48) SCREW PFH 8x1 1/4

PICKET POSITION DIAGRAM

3-1/8
3-1/16 TYP

M09

LARGE FORT
FRONT

SMALL FORT
FRONT

EXTERIOR VIEW
(BRIDGE PICKETS)
STEP 91

LADDER ASSEMBLY

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

EXTERIOR VIEW
(LADDER ON BACK)
LARGE FORT
NOTE:
USE PILOT HOLES TO LOCATE HAND GRIPS
STEP 93

EXTERIOR VIEW
(BACK)
LARGE FORT

1. SCREW PWH 8x5/8 (2 PLCS)

2. "A" REVISION TAG (1 PLC)

APPROXIMATE LOCATION ON FLOOR JOIST

2" 2 3/8"
STEP 94

EXTERIOR VIEW
(CROW’S NEST RUNGS)
LARGE FORT

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

WASHER LOCK EXT 12x19
(4 PLCS)

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

LADDER RUNG 629 GREEN
(2 PLCS)
STEP 96

TAP IN GROUND STAKES AT AN APPROXIMATE 45° ANGLE AT THE LOCATIONS SHOWN. USING GROUND STAKES AS A GUIDE, DRILL 7/16” DIA HOLES.

NOTE:
FAILURE TO USE GROUND STAKES CAN VOID WARRANTY & CAUSE INJURY!

PLACE STAKES APPROXIMATELY 5” FROM THE EDGE OF THE ANGLE BRACES MIDWAY UP ON GROUND BOARDS AS SHOWN. DRILL THRU HOLES (2 PLCS)

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

WASHER LOCK EXT 12x19 (2 PLCS)

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

EXTERIOR VIEW (GROUND STAKES)
SWING BEAM
STEP 97

NOTE:
USE PILOT HOLES TO LOCATE ARCHED RAIL

(1) ARCHED RAIL - A4M00874
(1) ARCHED RAIL - A4M00901

A4M00874
A4M00901

T-NUT 5/16 BLK (4 PLCS)
WASHER FLAT 8x27 BLK (4 PLCS)
WASHER SPLIT 5/16 BLK (4 PLCS)
BOLT HEX 5/16x2-1/2 BLK (4 PLCS)
LAG SCREW HEX 5/16x1-1/2 BLK (4 PLCS)
WASHER FLAT 8x27 BLK (8 PLCS)
WASHER SPLIT 5/16 BLK (8 PLCS)
BOLT HEX 5/16x2-1/2 BLK (4 PLCS)

EXTERIOR VIEW
(CROW’S NEST ARCHED RAILS)
SWING BEAM
STEP 98

EXTERIOR VIEW

(CROW'S NEST FLOOR)

SWING BEAM

NOTE:
USE PILOT HOLES TO LOCATE FLOOR BOARDS

SCREW TAPPING PWH #10x1-1/8 BLK
(11 PLCS)

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

SCREW TAPPING PWH #10x1-1/8 BLK
(11 PLCS)
STEP 99

FIG. 1

RIGHT SIDE

LAG SCREW WH 5/16x3
(4 PLCS)

WASHER LOCK EXT 8x19
(4 PLCS)

E12 - UPRIGHT - W4L07984
1 3/8"x3"x35" (36x76x889)

FIG. 2

EXTERIOR VIEW
(CROW’S NEST UPRIGHTS)
SWING BEAM
STEP 100

OPEN HOLE IN 'F2' UPRIGHT USING A 7/16" DRILL BIT.

EXTERIOR VIEW
(CROW'S NEST UPRIGHTS)
SWING BEAM
STEP 101

NOTE:
RAIL ORIENTATION

NOTE:
TOP RAILS ONLY - HAND-TIGHTEN IN THIS STEP

EXTERIOR VIEW
(CROW'S NEST RAILS)
SWING BEAM
STEP 102

FIG. 1

- REMOVE HAND-TIGHTENED BOLT
- INSERT SUPPORT BRACE
- SECURELY TIGHTEN BOLT

BOLT WH 1/4x2 BLK (3 PLCS)

T-NUT 1/4 BLK (3 PLCS)

FIG. 2

- USE HOLE IN 'H26' RAIL AS A GUIDE
- DRILL 3/8" THRU HOLE IN 'M11' WALL BOARD (2 PLCS)

T-NUT 5/16 BLK (2 PLCS)

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

SUPPORT BRACE (2 PLCS)

FIG. 3

BOLT WH 1/4x2 BLK (3 PLCS)

T-NUT 1/4 BLK (3 PLCS)

EXTERIOR VIEW
(CROW'S NEST ARCHED RAILS)
SWING BEAM
STEP 103

NOTE:
USE PILOT HOLES IN METAL RAILS TO LOCATE PICKETS.

EXTERIOR VIEW
(CROW'S NEST PICKETS)
SWING BEAM
STEP 104

FIG. 1

TELESCOPE BODY

SCREW TAPPING 14x2 1/2
(1 PLC)

FLANGE CUP WASHER
(1 PLC)

TELESCOPE BASE

USE PILOT HOLE FOR LOCATING TELESCOPE

FIG. 2

EXTERIOR VIEW
(TELESCOPE)
CROW’S NEST
STEP 105

- SWING SEAT GREEN - A6P00054
- QUICK LINK - A100069
EF - CHAIN GREEN 57" - A100047
FA - QUICK LINK - A100069
WEB SWING SEAT - A6P00253

TIGHTEN QUICK LINK
INSERT CHAIN INTO QUICK LINK

QUICK LINK
SWING ASSY
WEB SWING ASSY
57" CHAINS

EXTERIOR VIEW
(SWING ACCESSORIES)
SWING BEAM
WEB SWING SETUP INSTRUCTIONS:
FOLLOW INSTRUCTIONS BELOW BEFORE USING THE WEB SWING.

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

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-SYMMEETRICAL PATTERN)

CORRECT LOOP LOCATIONS
(SYMMEETRICAL PATTERN)
STEP 106

FIG. 1

T-NUT 5/16 (2 PLCS)

BOLT WH 5/16x1 (2 PLCS)

LAG SCREW WH 5/16x1 1/2 (2 PLCS)

HAND GRIP (1 PLC)

FIG. 2

FIG. 3

GROUND STAKE (1 PLC)

LAG SCREW WH 5/16x1 1/2 (2 PLCS)

HAND GRIP (1 PLC)

GROUND STAKE (1 PLC)

LADDER FOOT

EXTERIOR VIEW
(CLIMBING TREE)
LARGE FORT
STEP 107
DRILL HOLES USING A 7/16" DRILL BIT.

FIG. 1
SLIDE DRILLING DIAGRAM

FIG. 2

EXTerior VIEW
(Slide Attachment)
LARGE FORT
STEP 108

(1) MONKEY BAR ASSEMBLY

BOLT WH 5/16 x 1
(2 PLCS)

T-NUT 5/16
(2 PLCS)

BACK SIDE

EXTERIOR VIEW
(MONKEY BAR ATTACHMENT)
SMALL FORT
STEP 109

TAP IN GROUND STAKES AT AN APPROXIMATE 45° ANGLE AT THE LOCATIONS SHOWN. USING GROUND STAKES AS A GUIDE, DRILL 7/16" DIA HOLES.

NOTE:
FAILURE TO USE GROUND STAKES CAN VOID WARRANTY & CAUSE INJURY!

NOTE:
PLACE STAKES APPROXIMATELY 5" FROM THE EDGE OF ANGLE BRACE MIDWAY UP ON GROUND BOARDS AS SHOWN DRILL THRU HOLES

EXTERIOR VIEW
(MONKEY BAR GROUND STAKES) SMALL FORT
STEP 110

EXTERIOR VIEW
(ROCK WALL ATTACHMENT)

SMALL FORT

(1) ROCK WALL ASSEMBLY

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

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

WASHER LOCK EXT 8x19
(2 PLCS)
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!

EXTERIOR VIEW
(ROCK WALL GRAB HANDLES)
SMALL FORT
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.

### Pro Rated Part Replacement Schedule

<table>
<thead>
<tr>
<th>Product Age</th>
<th>Customer Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All Parts</strong></td>
<td></td>
</tr>
<tr>
<td>0-30 days from date of purchase</td>
<td>$0 and free shipping</td>
</tr>
<tr>
<td>31 days to 1 year</td>
<td>$0 + S&amp;H</td>
</tr>
<tr>
<td><strong>Wood Rot and Decay Only</strong></td>
<td></td>
</tr>
<tr>
<td>1 year</td>
<td>$0 and free shipping</td>
</tr>
<tr>
<td>2 years</td>
<td>20% + S&amp;H</td>
</tr>
<tr>
<td>3 years</td>
<td>40% + S&amp;H</td>
</tr>
<tr>
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<td>80% + S&amp;H</td>
</tr>
<tr>
<td>Over 5 years</td>
<td>100% + S&amp;H</td>
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