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

Manufacturer: Backyard Discovery
3001 North Rouse
Pittsburg, KS 66762
1-800-856-4445

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

Features the SAFE-I-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

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
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:____________________

Staple Receipt Here

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.
Please refer to the Assembly section of the Assembly Manual for Maximum Fall Height.

**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&quot; (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 to not 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, and 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.
Additional Maintenance:

• Check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.

• Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sand may be necessary to maintain a safe playing environment. Treat your playset with stain regularly, to help prevent severe checking/splitting and other weather damage.

• A waterborne transparent stain has been applied to your playset. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your playset. **Please not this is a requirement of your warranty.**

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

Disposal Instructions:

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

Third Party Assembly:

Customer may, in their sole discretion, elect to use a third party person or service to assemble this product. Backyard Discovery assumes no responsibility or liability for any charge incurred by the Customer for any assembly services’.

Please see our warranty for more information about damaged and missing part replacement coverage. Backyard Discovery will not reimburse Customer for the price of parts purchased.
APPENDIX A

Information on Playground Surfacing Materials:

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

X3. SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION’S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK9

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.
Play Set Assembly Manual FAQs:
1. Does the area for the playset need to be level?

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

2. What size area is recommended for the playset?

Backyard Discovery recommends at least a 6’ (six foot) perimeter around and above the playset for maximum safety.

3. What age range is appropriate for the playsets?

Backyard Discovery playsets are recommended for children ages 3 – 10 years.

4. Is the wood treated with chemicals?

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

5. How often should the playset be stained?

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

6. Why does it seem that my swing set is developing cracks?

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

7. Do Backyard Discovery playsets come with a warranty?

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

8. What is the best way to get started assembling the playset?

Backyard Discovery recommends taking all the parts out of the boxes and arranging them by part number before you begin any assembly. This will not only allow faster assembly, but will also identify any parts that may be missing or damaged so they can be replaced before assembly. If parts are missing or need replacement, go to
www.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 swing sets. These tools are not included in the swing set purchase.)

- (Level 24")
- (Open End Wrenches 1/2")
- (Square)
- (Tape Measure)
- (3/8" Drive Ratchet, 1/2" STD Sockets 1/2" Deep Sockets)
- (Claw Hammer)
- (Cordless Drill or Electric Drill)
- (3/16", 5/16", 1/8" & 3/8" Drill Bits)
- (Drill Attachments: Phillips Head & Socket Driver)
- (An Adult w/ an Adult Helper)
- (Phillips & Straight Blade Screw Drivers)
- (Rubber Mallet - Optional)
- (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 insure the fort is square.

2) 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.

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

4) 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.

5) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.
Parts Identification
Wood Components
(NOT TO SCALE)

(24) K91 - ROOF SLAT - W100917
3/8"x3 3/8"x50" (11x86x1270)

(1) H74 - LEFT UPRIGHT - W100608
1"x3 3/8"x50 3/4" (24x86x1290)

(1) H75 - RIGHT UPRIGHT - W100609
1"x3 3/8"x50 3/4" (24x86x1290)

(24) M22 - DOOR BOARD - W100921
5/8"x3 3/8"x25" (16x86x634)

(2) M20 - DOOR BOARD - W100920
5/8"x3"x38 1/4" (16x76x972)

(1) M18 - DOOR BOARD - W100918
5/8"x3 3/8"x39 1/2" (16x86x1002)

(2) M21 - DOOR BOARD - W100919
5/8"x3"x38 1/4" (16x76x972)

(3) M77 - SLIDE BRACE - W100544
5/8"x3 3/8"x17 1/4" (16x86x438)

(2) M78 - CENTER SLIDE BRACE - W100545
5/8"x3 3/8"x17 1/4" (16x86x438)

(2) M23 - DOOR BOARD - W100922
5/8"x3 3/8"x6 3/4" (16x86x160)

(4) M76 - LADDER RUNG - W100611
1"x3 3/8"x18 1/8" (24x86x460)

(2) L3 - RAFTER - W100913
5/8"x4 3/8"x38 1/4" (16x112x972)

(4) H76 - LADDER RUNG - W100611
1"x3 3/8"x18 1/8" (24x86x460)

(2) N4 - HORIZONTAL SUNBURST - W100914
5/8"x2 3/8"x32 7/8" (16x60x835)

(4) N6 - ANGLED SUNBURST - W100916
5/8"x2 3/8"x7 7/8" (16x60x200)

(2) N5 - VERTICAL SUNBURST - W100915
5/8"x2 3/8"x12 7/8" (16x60x328)

(1) O1 - DOOR SUPPORT - W100923
5/8"x1 3/8"x19" (16x34x482)

(1) SB74 - SWING BEAM - W102304
2"x5 1/4"x89 1/2" (50x134x2274)

(1) M18 - DOOR BOARD - W100918
5/8"x3 3/8"x39 1/2" (16x86x1002)

(1) M73 - REAR SUPPORT - W100610
5/8"x3 3/8"x19 1/4" (16x86x488)
Parts Identification
Wood Components
(NOT TO SCALE)

W71 - SWING BEAM SUPPORT - W102305
2"x3 3/8"x46 1/8" (50x86x1170)
(1)

E78 - MONKEY BAR UPRIGHT - W102370
1 3/8"x3 3/8"x74 3/4" (36x86x1900)
(2)

E77 - ANGLE BRACE - W100981
1 3/8"x3 3/8"x74 3/8" (36x86x1890)
(2)

H82 - MONKEY BAR GROUND BOARD - W100994
1"x3 3/8"x70 3/8" (24x86x1786)
(1)

E71 - MONKEY BAR RAIL - W102369
1 3/8"x3 3/8"x60 5/8" (36x86x1539)
(2)

E5 - UPRIGHT - W101085
1 3/8"x3 3/8"x66" (36x86x1676)
(1)

K1 - GROUND BOARD - W101090
5/8"x5 1/4"x74 1/4" (16x134x1886)
(1)

K2 - GROUND BOARD - W101091
5/8"x5 1/4"x67 5/8" (16x134x1718)
(2)

H79 - END SUPPORT - W100992
1"x3 1/2"x42" (24x86x1072)
(1)

K3 - DOUBLE ARCH RAIL - W101092
5/8"x5 1/4"x43" (16x134x1092)
(1)

K6 - WALL RAIL - W101095
5/8"x5 1/4"x41 1/8" (16x134x1044)
(1)

M12 - TARP BRACE - W101089
5/8"x3 3/8"x41" (16x86x1042)
(2)

H80 - GROUND BOARD - W100990
1"x3 3/8"x87 3/8" (24x86x2218)
(1)

E1 - UPRIGHT - W101084
1 3/8"x3 3/8"x89 1/2" (36x86x2274)
(1)
## Parts Identification

### Wood Components

(Not to Scale)

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Code</th>
<th>Dimensions</th>
<th>Quantity</th>
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<tbody>
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<td>Cabin Arch</td>
<td>G3 - W101096</td>
<td>1&quot;x3 1/4&quot;x41 1/8&quot; (24x134x1044)</td>
<td>1</td>
</tr>
<tr>
<td>Wall Rail</td>
<td>M2 - W101097</td>
<td>5/8&quot;x3 3/8&quot;x67 5/8&quot; (16x86x1718)</td>
<td>1</td>
</tr>
<tr>
<td>Wall Rail</td>
<td>M7 - W101099</td>
<td>5/8&quot;x3 3/8&quot;x43&quot; (16x86x1092)</td>
<td>1</td>
</tr>
<tr>
<td>Outer Wall Slat</td>
<td>L2 - W101100</td>
<td>5/8&quot;x4 3/8&quot;x39&quot; (16x112x992)</td>
<td>4</td>
</tr>
<tr>
<td>Wall Slat</td>
<td>M13 - W101101</td>
<td>5/8&quot;x3 3/8&quot;x39&quot; (16x86x992)</td>
<td>16</td>
</tr>
<tr>
<td>Upright</td>
<td>E2 - W101104</td>
<td>1 3/8&quot;x3 3/8&quot;x89 1/2&quot; (36x86x2274)</td>
<td>1</td>
</tr>
<tr>
<td>Upright</td>
<td>E3 - W101106</td>
<td>1 3/8&quot;x3 3/8&quot;x89 1/2&quot; (36x86x2274)</td>
<td>1</td>
</tr>
<tr>
<td>Upright</td>
<td>E4 - W101107</td>
<td>1 3/8&quot;x3 3/8&quot;x89 1/2&quot; (36x86x2274)</td>
<td>1</td>
</tr>
<tr>
<td>Center Wall Slat</td>
<td>M16 - W101102</td>
<td>5/8&quot;x3 3/8&quot;x20 3/8&quot; (16x86x518)</td>
<td>6</td>
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<tr>
<td>Tie Slat</td>
<td>N2 - W101103</td>
<td>5/8&quot;x2 3/8&quot;x14 5/8&quot; (16x60x372)</td>
<td>2</td>
</tr>
<tr>
<td>Floor Board</td>
<td>L1 - W101110</td>
<td>5/8&quot;x4 3/8&quot;x40 1/8&quot; (16x112x1018)</td>
<td>2</td>
</tr>
<tr>
<td>Swing Beam Mount</td>
<td>G4 - W101105</td>
<td>1&quot;x5 1/4&quot;x41 1/8&quot; (24x134x1044)</td>
<td>1</td>
</tr>
<tr>
<td>Wall Rail</td>
<td>G1 - W102379</td>
<td>1&quot;x3 1/4&quot;x43&quot; (24x134x1092)</td>
<td>1</td>
</tr>
<tr>
<td>Outer Floor Board</td>
<td>L1 - W101110</td>
<td>5/8&quot;x4 3/8&quot;x40 1/8&quot; (16x112x1018)</td>
<td>2</td>
</tr>
<tr>
<td>Wall Rail</td>
<td>G5 - W101112</td>
<td>1&quot;x5 1/4&quot;x41 1/8&quot; (24x134x1044)</td>
<td>1</td>
</tr>
</tbody>
</table>
Parts Identification
Wood Components
(NOT TO SCALE)

N1 - CENTER RAIL - W101113
5/8"x2 3/8"x25 5/8" (16x60x652)

M14 - WALL SLAT - W101115
5/8"x3 3/8"x25 5/8" (16x86x652)

M11 - WALL RAIL - W101116
5/8"x3 3/8"x41 1/8" (16x86x1044)

M10 - PICNIC TABLE BOARD - W101118
5/8"x3 3/8"x41 5/8" (16x86x1056)

E6 - UPRIGHT - W101120
1 3/8"x3 3/8"x66" (36x86x1676)

M3 - ANGLE BRACE - W101121
5/8"x3 3/8"x52 1/2" (16x86x1335)

M5 - TARP SUPPORT - W101125
5/8"x3 3/8"x44 1/4" (16x86x1124)

G2 - WALL RAIL - W102378
1"x5 1/4"x43" (24x134x1092)

O2 - DOOR MOUNTING RAIL - W101133
5/8"x1 3/8"x39" (16x34x992)

D1 - PICNIC TABLE SUPPORT BRACE - W101117
1 3/8"x5 1/4"x17" (36x134x432)

H1 - FLOOR JOIST - W102377
1"x3 3/8"x41 1/8" (24x86x1044)

O2 - DOOR MOUNTING RAIL - W101133
5/8"x1 3/8"x39" (16x34x992)
**Parts Identification**

**Accessories**

(NOT TO SCALE)

1. **EK - SLIDE RAIL 8' GREEN RIGHT** - A100054
2. **EL - SLIDE RAIL 8' GREEN LEFT** - A100055
3. **EM - SLIDE BED 8' YELLOW** - A100056
4. **FB - SWING SEAT YELLOW** - A100070
5. **DG - CHAIN GREEN 38.5''** - A100015
6. **EZ - CHAIN GREEN 51.25''** - A100068
7. **KD - PLASTIC GROUND STAKE BROWN** - A100179
8. **DE - TRIANGLE PLATE 90° 5 HOLE BYD GREEN** - A100011
9. **HC - BYD ID TAG (LARGE) 2011 WITH AGES** - A100164
10. **QZ - TRIANGLE PLATE 100° 5 HOLE** - A100294
11. **EA - HAND GRIP YELLOW PLASTIC** - A100043
12. **EC - METAL RUNG 559** - A100045
13. **EJ - L BRACKET 54x67** - A100053
**Parts Identification**

**Accessories**

(NOT TO SCALE)

1. **GK** - WINDOW 216x267 GREEN - A100146
2. **DL** - GLIDER SEAT YELLOW - A100023
3. **EX** - GLIDER BUSHING BYD GREEN - A100066
4. **EY** - TUBING CAP GLIDER SUPPORT - A100067
5. **EB** - WINDOW FRAME GREEN 343x444.5 - A100044
6. **JZ** - PICNIC TARP - A100143
7. **GD** - L BRACKET 66x66x127 - A100140
8. **GF** - MAGNETIC CATCH KIT - A100145 MAG
9. **GH** - SCREW - A100145 SCREW
10. **EZ** - PICNIC TARP - A100143
11. **EW** - GLIDER SUPPORT BYD GREEN - A100065
12. **FR** - LEAF HINGE - A100093
13. **GJ** - STRIKE PLATE - A100145 STRIKE
14. **FA** - QUICK LINK - A100069
15. **HZ** - KNOB - A100071
Phase Notes

- **DRILL 3 HOLES AT ONE END OF THE PLASTIC SLIDE BED USING A 5/16" DRILL BIT AND USING THE DIMENSIONS SHOWN BELOW. THIS END WILL BE THE TOP OF THE SLIDE.**
- **TAKE NOTE OF SLIDE BED SURFACE FINISH, THE DULL SIDE WILL BE TOWARDS THE GROUND. PLACE SLIDE BRACE CENTERED ON THE BOTTOM (DULL SIDE) AND 1/4" FROM THE EDGE. TRANSFER HOLES ON THE BOARD THROUGH THE SLIDE BED AS SHOWN BELOW. USE A 5/16" DRILL BIT.**
- **ATTACH SLIDE BRACE TO SLIDE USING HARDWARE SHOWN.**

```
QTY   DESCRIPTION
1     SLIDE BRACE
3     BOLT WH 5/16x1/2
3     NUT BARREL WH 5/16x5/8
3     WASHER LOCK EXT 12x19
1     SLIDE BED 8' YELLOW
```

TIP: PREBENDING THE ENDS WILL EASE ASSEMBLY.
8 FOOT SLIDE ASSEMBLY

PHASE 2

Phase Notes

- PLACE THE OTHER SLIDE RAIL ON A FLAT SURFACE WITH THE SLIDE CAVITY UP. HAVE A HELPER HOLD THE TOP END OF SLIDE BED AND BEGIN INSERTING THE SLIDE BED AND SLIDE BRACES INTO THE CAVITY AND SUPPORT POCKETS STARTING AT THE BOTTOM OF SLIDE AND WORKING UP TO THE TOP.
- ONCE BED AND BRACES ARE COMPLETELY IN THE CAVITY AND IN THE SUPPORT POCKETS, SECURE USING 3” SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN BELOW.

**TIP:** A HELPER IS REQUIRED FOR THIS PHASE.

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>CENTER SLIDE BRACE</td>
</tr>
<tr>
<td>24</td>
<td>SCREW PFH 8x3</td>
</tr>
<tr>
<td>1</td>
<td>SLIDE RAIL 8’ GREEN RIGHT</td>
</tr>
<tr>
<td>1</td>
<td>SLIDE RAIL 8’ GREEN LEFT</td>
</tr>
</tbody>
</table>

![Image of 8 foot slide assembly process]
### Phase Notes

- Assemble with hardware as shown.
- Center rungs in rail grooves.

### QTY | DESCRIPTION | LABEL
---|---|---
1 | LEFT UPRIGHT | H74
4 | LADDER RUNG | H76
8 | SCREW PFH 8x2 | 

### QTY | DESCRIPTION | LABEL
---|---|---
1 | RIGHT UPRIGHT | H75
8 | SCREW PFH 8x2 |
**4 Ft Ladder**

**Phase 3**

*Phase Notes*
- Assemble with hardware as shown.

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>REAR SUPPORT</td>
<td>M73</td>
</tr>
<tr>
<td>4</td>
<td>SCREW PFH 8x2</td>
<td></td>
</tr>
</tbody>
</table>
SWING BEAM ASSEMBLY

STEP 1

ATTACH (2) QZ TRIANGLE PLATES TO SB74 SWING BEAM USING 1-3/4" BOLTS, LOCK WASHER AND 7/8" BARREL NUT.

ATTACH (2) GD L BRACKETS TO SB74 SWING BEAM USING 2-3/4" HEX BOLTS, FLAT WASHERS AND 5/16" LOCK NUTS.
STEP 2

INSERT (2) 2-1/2” BOLTS, LOCK WASHERS AND 1-1/2” BARREL NUTS INTO TOP EDGE OF W71 SWING BEAM SUPPORT, AS SHOWN.

ATTACH E77 ANGLE BRACES TO W71 SWING BEAM SUPPORT USING 4- 1/2” BOLTS, LOCK WASHERS AND 7/8” BARREL NUTS.

ATTACH H79 END SUPPORT TO E77 ANGLE BRACES USING 2” BOLTS, LOCK WASHERS AND 7/8” BARREL NUTS. NOW ATTACH H79 END SUPPORT TO W71 SWING BEAM SUPPORT USING 2” LAG SCREWS AND LOCK WASHERS.

ATTACH H80 GROUND BOARD TO E77 ANGLE BRACES USING 7/8”.

THIS SAFE-T-FUSE HARDWARE MUST BE MOUNTED TO IMPROVE THE STRUCTURAL INTEGRITY OF THE SWING BEAM.
STEP 3

ATTACH (2) QZ TRIANGLE PLATES TO W71 SWING BEAM SUPPORT USING (2) 1-3/4" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS (FIG.1).

INSERT (4) SWING HANGER QUICK LINKS INTO (4) EX BUSHINGS AND THEN ATTACH SWING HANGER QUICK LINKS TO EW GLIDER SUPPORTS USING (4) FLAT WASHERS AND 5/16" LOCK NUTS, AS SHOWN (FIG.2).

INSERT (4) EY GLIDER SUPPORT CAPS INTO THE ENDS OF EW GLIDER SUPPORTS, AS SHOWN (FIG.2).

INSERT SWING HANGER QUICK LINK AND SAFETY WASHER INTO HOLES IN THE EDGE OF SB74 SWING BEAM. SECURE SWING HANGER TO SB74 SWING BEAM USING FLAT WASHERS AND 5/16" LOCK NUTS (FIG.3).

ATTACH EW GLIDER SUPPORTS TO SB74 SWING BEAM USING (2) 2-1/2" LAG SCREWS, 5-3/4" BOLTS, FLAT WASHERS AND 5/16" LOCK NUTS, AS SHOWN (FIG.3).
Notes

- Assemble with accessories as shown.

<table>
<thead>
<tr>
<th>QTY.</th>
<th>DESCRIPTION</th>
<th>LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>5/16 LOCK NUT</td>
<td>CJ</td>
</tr>
<tr>
<td>2</td>
<td>8x27 FLAT WASHER</td>
<td>CD</td>
</tr>
<tr>
<td>2</td>
<td>BOLT WH 5/16x5-3/4</td>
<td>AE</td>
</tr>
<tr>
<td>4</td>
<td>QUICKLINK</td>
<td>FA</td>
</tr>
<tr>
<td>2</td>
<td>GREEN ARM GLIDER</td>
<td>DK</td>
</tr>
<tr>
<td>1</td>
<td>YELLOW SEAT</td>
<td>DL</td>
</tr>
<tr>
<td>4</td>
<td>38.5” GREEN CHAIN</td>
<td>DG</td>
</tr>
</tbody>
</table>

CHAIN GREEN 38.5”

BOLT WH 5/16x5-3/4

GLIDER SEAT YELLOW

GLIDER ARM BYD GREEN

QUICK LINK

WASHER FLAT 8x27

NUT LOCK 5/16
**MONKEY BAR ASSEMBLY**

**STEP 1**

YOU WILL BUILD A LEFT AND RIGHT TOP RAIL IN THIS STEP.

AFTER BUILDING LEFT ASSEMBLY AS SHOWN, REPEAT STEPS FOR A RIGHT ASSEMBLY. SEE BELOW FOR ORIENTATION OF RIGHT SIDE TRIANGLE PLATE.

ASSEMBLE WITH HARDWARE AS SHOWN.

BE SURE TO PLACE FLAT SIDE OF PLATE AGAINST SIDE OF BOARD.
MONKEY BAR ASSEMBLY

STEP 2
ASSEMBLE WITH HARDWARE AS SHOWN.

REPEAT PROCESS FOR OTHER SIDE OF MONKEY BAR ASSEMBLY.

E78 - MONKEY BAR UPRIGHT - W102370
1 3/8"x3 3/8"x74 3/4" (36x86x1900)

BOLT WH 5/16x1-1/2
T-NUT 5/16
MONKEY BAR ASSEMBLY

STEP 3

ASSEMBLE AS SHOWN INTO PRE-DRILLED HOLES.

(6) EC - METAL RUNG 559 - A100045

SCREW TAPPING 14x1-1/2
MONKEY BAR ASSEMBLY

STEP 4

ASSEMBLE AS SHOWN.
MONKEY BAR ASSEMBLY

STEP 5
ASSEMBLE WITH HARDWARE AS SHOWN.

(2) EA - HAND GRIP YELLOW PLASTIC - A100043

MONKEY BAR ASSEMBLY

LAG SCREW
WH 1/4x1-1/2

WASHER
LOCK EXT
6x15
**Fort Assembly**  
**Phase 1**

**Parts needed:**
- (1) E1 - FORT UPRIGHT - W101084
- (1) E2 - FORT UPRIGHT - W101104
- (1) E3 - FORT UPRIGHT - W101106
- (1) E4 - FORT UPRIGHT - W101107
- (2) K2 - GROUND BOARD - W101091
- (1) G5 - WALL RAIL - W101112
- (1) K5 - MONKEY BAR ARCH RAIL - W101094
- (1) K1 - GROUND BOARD - W101090
- (1) M2 - WALL RAIL - W101097
- (1) G5 - WALL RAIL - W101112
- (1) K6 - WALL RAIL - W101095
- (1) G4 - SWING BEAM MOUNT - W101105

**Phase Notes**
- Assemble with hardware as shown.
- For ease during assembly, assemble uprights flat on the ground.

**Step 1:** Attach 'K2' Ground Board to 'E1' & 'E2' Fort Uprights using Bolt 'H', Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

**Step 2:** Attach 'G3' Cabin Arch to 'E1' & 'E2' Fort Uprights using T-Nuts 'BG', Bolts 'K', "L", Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

**Step 3:** Attach 'K5' Monkey Bar Arch Rail to 'E1' & 'E2' Fort Uprights using Bolt 'H', Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

**Step 4:** Attach 'K2' & 'K1' Ground Board to 'E3' & 'E4' Fort Uprights using Bolt 'L', Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

**Step 5:** Attach 'M2' Wall Rail to 'E3' & 'E4' Fort Uprights using Bolt 'H', Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

**Step 6:** Attach 'K6' Wall Rail and 'G4' Swing Beam Mount to 'E3' & 'E4' Fort Uprights using Safe-T-Fuse hardware, as shown. Attach the 'G5' Wall Rail to 'E3' and 'E4' Fort Uprights using T-Nuts 'BG', Barrel Nuts 'D', Washers 'AC', & Bolts 'L' & 'K', as shown.

**Hardware needed:**
- (26) D - NUT BARREL WH 5/16x7/8 - H100005
- (26) AD - WASHER LOCK EXT 12x19 - H100031
- (30) AC - WASHER LOCK EXT 8x19 - H100030
- (8) K - BOLT WH 5/16x2 - H100012
- (14) H - BOLT WH 5/16x1-1/2 - H100010
- (8) L - BOLT WH 5/16x2-1/4 - H100013
- (4) BG - T-NUT 5/16 - H100074
**Fort Assembly**  
**Phase 2**

**Parts needed:**
- (3) K4 - WALL RAIL - W101093  
- (1) K3 - DOUBLE ARCH RAIL - W101092  
- (1) G1 - WALL RAIL - W102379  
- (1) G2 - WALL RAIL - W102378

**Hardware needed:**
- (24) Z - LAG SCREW WH 5/16x2 - H100027  
- (24) AC - WASHER LOCK EXT 8x19 - H100030

**Phase Notes**

- Assemble with hardware as shown.

**Step 1:** Attach 'K4' Wall Rail to the edges of 'E1' & 'E2' Fort Uprights and 'E3' & 'E4' Fort Uprights using hardware Lag Screw 'Z' and Lock Washer 'AC', as shown.

**Step 2:** Attach 'G2' Wall Rail & 'K3' Double Arch Rail to the edges of 'E1' & 'E3' Fort Uprights using hardware Lag Screw 'Z' and Lock Washer 'AC', as shown. Pre-drilled hole in 'G2' wall rail is not centered, measure and assembled as shown.

**Step 3:** Attach 'G1' Wall Rail to the edges of 'E2' & 'E4' Fort Uprights using hardware Lag Screw 'Z' and Lock Washer 'AC', as shown.

Note: It is vital that the fort be level before and after each phase of assembly.
Fort Assembly
Phase 3

Parts needed:
• (10) M4 - FLOOR BOARD - W102380
• (2) L1 - OUTER FLOOR BOARD - W101110
• (4) J1 - FLOOR SUPPORT - W101037
• (1) H1 - FLOOR JOIST - W102377

Hardware needed:
• (66) BP - SCREW PFH 8x1-1/2 - H100086
• (8) BS - SCREW PFH 8x1-3/4 - H100089
• (4) CK - SCREW PFH 8x2 - H100111

Phase Notes
• Assemble with hardware as shown.

Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Attach Floor Support ‘J1’ to fort uprights ‘E1’, ‘E2’, ‘E3’ and ‘E4’ using screws ‘BS’, as shown.

Step 2: Attach Floor joist ‘H1’ to ‘G1’ and ‘G2’ using screws ‘CK’, as shown.

**Fort Assembly**

**Phase 4**

**Parts needed:**
- (2) M17 - WALL RAIL - W101114
- (1) M7 - WALL RAIL - W101099
- (1) M11 - WALL RAIL - W101116

**Hardware needed:**
- (6) AC - WASHER LOCK EXT 8X19 - H100030
- (4) D - NUT BARREL WH 5/16X7/8 - H100005
- (4) AD - WASHER LOCK EXT 12X19 - H100031
- (2) Z - LAG SCREW WH 5/16x2 - H100027
- (4) H - BOLT WH 5/16x1-1/2 - H100010

**Phase Notes**
- Assemble with hardware as shown.

**Step 1:** Attach Wall Rail 'M11' to 'E3' & 'E4' using Safe-T-Fuse hardware, as shown.

**Step 2:** Attach Wall Rail 'M7' to the edge of 'E2' & 'E4' using Lag Screws 'Z' and Lock Washer 'AC', as shown.

**Note:** It is vital that the fort be level before and after each phase of assembly.
Fort Assembly
Phase 5

Parts needed:
• (1) M3 - ANGLE BRACE - W101121

Phase Notes
• Assemble with hardware as shown.

Hardware needed:
• (2) AC - WASHER LOCK EXT 8x19 - H100030
• (2) AD - WASHER LOCK EXT 12x19 - H100031
• (1) H - BOLT WH 5/16x1-1/2 - H100010
• (1) B - NUT BARREL WH 5/16x5/8 - H100004
• (1) F - BOLT WH 5/16x1 - H100008
• (1) D - NUT BARREL WH 5/16x7/8 - H100005

Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Attach Angle Brace 'M3' to 'E3' upright using Safe-T-Fuse hardware, as shown.

Step 2: Attach Angle Brace 'M3' to 'K1' ground board using Safe-T-Fuse hardware, as shown.
**Fort Assembly**

**Phase 6**

**Parts needed:**
- (3) EJ - L BRACKET GREEN 54x67 - A100053
- (1) N1 - CENTER RAIL - W101113
- (13) M14 - WALL SLAT - W101115

**Hardware needed:**
- (6) BL - SCREW TAPPING 14x3/4 - H100083
- (54) BR - SCREW PFH 8x1-1/8 - H100088

**Phase Notes**
- Assemble with hardware as shown.

---

**Step 1:** Attach L Bracket 'EJ' to the side of Center Rail 'N1' using Screw 'BL', as shown.

**Step 2:** Attach Center Rail 'N1' to 'L1' outer floor board using Screw 'BL', as shown. Attach Central Rail 'N1' to 'K3' double arched rail using Screws 'BR', as shown.

**Step 3:** Attach 'M14' Wall Slat to 'K4' wall rail & 'M7' wall rail using Screws 'BR', as shown.

**Step 4:** Attach 'M14' Wall Slat to 'K6' wall rail & 'M11' wall rail using Screws 'BR', as shown. Spacing of wall slats should be approximately 2-13/16" apart.

**Step 5:** Attach 'M14' Wall Slat to 'M17' wall rail & 'K5' monkey bar arch rail using Screws 'BR', as shown.

**Step 6:** Attach L Bracket 'EJ' to 'M17' Wall Rail, as shown.
Fort Assembly
Phase 7

Parts needed:
• (2) EA - HAND GRIP YELLOW PLASTIC - A100043

Phase Notes
• Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Hardware needed:
• (2) CH - SCREW TAPPING 14x1-1/2 - H100109
• (4) CE - WASHER FLAT 9x18 - H100106
• (4) CG - WASHER LOCK INT 8x15 - H100108
• (2) BE - T-NUT 1/4" - H100072
• (2) AY - BOLT PTH 1/4x1 - H100061

Step 1: Attach Plastic Hand Grips 'EA' to 'N1' center rail using Screws 'AY', Lock Washer 'CG', Flat Washer 'CE', and 'BG' T-NUT, as shown.

Step 2: Pre-drill & attach Plastic Hand Grip 'EA' to 'E3' fort upright using Screws 'CH', Lock Washer 'CG', and Flat Washer 'CE', as shown.
Fort Assembly
Phase 8

Parts needed:
- (2) M12 - TARP BRACE - W101089
- (1) E5 - UPRIGHT - W101085
- (1) E6 - UPRIGHT - W101120
- (1) M5 - TARP SUPPORT - W101125

Hardware needed:
- (7) AC - WASHER LOCK EXT 8x19 - H100030
- (7) D - NUT BARREL WH 5/16x7/8 - H100005
- (7) AD - WASHER LOCK EXT 12x19 - H100031
- (7) H - BOLT WH 5/16x1-1/2 - H100010
- (4) BP - SCREW PFH 8x1-1/2 - H100086

Phase Notes
- Assemble with hardware as shown.
- The Roof Assembly attaches differently on back of the Fort then it does on the front.

Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Attach 'M12' Tarp Brace to 'E2' & 'E4' upright using Safe-T-Fuse hardware, as shown.

Step 2: Attach 'E5' & 'E6' uprights to 'M12' Tarp Brace, 'K2' floor boards and 'M2' Wall Rail using Safe-T-Fuse hardware, as shown.

Step 3: Attach 'M5' Tarp Support to 'M12' Tarp Braces using Screws 'BP', as shown.
Fort Assembly
Phase 9

Parts needed:
- (8) M15 - WALL SLAT - W101126

Hardware needed:
- (32) BR - SCREW PFH 8x1-1/8 - H100088

Phase Notes
- Assemble with hardware as shown.

Step 1: Attach one end of each Wall Slats 'M15' to the inside of 'K2' & 'M2' with Screws 'BR', as shown. Make sure to space the wall slats according to diagram and flush with the bottom edge of 'K2', as shown.
Fort Assembly
Phase 10

Parts needed:
• (4) D1 - PICNIC TABLE SUPPORT BRACE - W101117

Phase Notes
• Assemble with hardware as shown.

Hardware needed:
• (8) AC - WASHER LOCK EXT 8x19 - H100030
• (8) D - NUT BARREL WH 5/16x7/8 - H100005
• (8) AD - WASHER LOCK EXT12x19 - H100031
• (6) M - BOLT WH 5/16x2-1/2 - H100014
• (2) P - BOLT WH 5/16x3 - H100016

Step 1: Attach 'D1' Picnic Table Support Brace to uprights 'E5' & 'E6' using Safe-T-Fuse hardware, as shown.
Fort Assembly
Phase II

Parts needed:
- (6) M10 - PICNIC TABLE BOARD - W101118
- (2) N3 - TIE SLAT - W101119

Hardware needed:
- (12) BP - SCREW PFH 8x1-1/2 - H100086
- (6) BR - SCREW PFH 8x1-1/8 - H100088

Phase Notes
- Assemble with hardware as shown.

Step 1: Attach 'N3' Tie Slat to 'M10' Picnic Table Board using Screws 'BR', as shown. Repeat "step 1" to create the seat for the picnic table.

Step 2: Attach picnic table top assembly & picnic table seat assembly to 'D1' picnic table support brace using Screws 'BP', as shown. There will be a 3/4" overhang on both ends of the seat and the table top.
**Fort Assembly**

**Phase 12**

**Parts needed:**
- (2) N2 - TIE SLAT - W101103
- (4) L2 - OUTER WALL SLAT - W101100
- (12) M13 - WALL SLAT - A101101
- (6) M16 - CENTER WALL SLAT - A101102

**Hardware needed:**
- (86) BR - SCREW PFH 8x1-1/8 - H100088

**Phase Notes**
- Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board before attaching with a 1/8" drill bit.

**Step 1:** Both walls should be assembled the same way. Attach 'L2' Outer Wall Slat, 'M13' Wall Slat and 'M16' Center Wall Slat to 'G2' & 'K4' boards on the ladder side of fort and 'G1' & 'K4' on picnic table side of fort. The wall slats should be pre-drilled and located approximately 3 3/4" up from the bottom edge of 'K4' floor board using Screws 'BR', as shown.

**Step 2:** Center and attach 'N2' Tie Slate to the inside of fort walls, under the window opening, using Screws 'BR', as shown.
Fort Assembly
Phase 13

Parts needed:
- (2) EB - WINDOW FRAME GREEN 343x444.5 - A100044
- (1) LADDER ASSEMBLY

Hardware needed:
- (8) BC - SCREW PWH 8x3/4 - H100070
- (2) AC - WASHER LOCK EXT 8x19 - H100030
- (2) Z - LAG SCREW WH 5/16x2 - H100027

Phase Notes
- Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board with a 1/8” drill bit, before attaching.

Step 1: Attach 'EB' Plastic Window Frame to each window opening using Screws 'BC', as shown.

Step 2: Attach Pre-assembled Ladder to pre-drilled Wall Rail 'G2' using Lock Washer 'AC' and Lag Screw 'Z', as shown.
Parts needed:
- (2) M23 - DOOR BOARD - W100922
- (1) M21 - DOOR BOARD - W100919
- (1) M20 - DOOR BOARD - W100920
- (2) M18 - DOOR BOARD - W100918
- (2) M22 - DOOR BOARD - W100921
- (3) O1 - DOOR SUPPORT - W100923
- (1) O2 - DOOR MOUNTING RAIL - W101133
- (1) M40 - STRIKE PLATE BLOCK - W101134
- (4) M13 - WALL SLAT - W101101
- (1) HZ - KNOB - A1000071
- (2) GK - WINDOW FRAME GREEN 216x267 - A100918
- (1) GJ - STRIKE PLATE - A100145
- (3) GH - SCREW - A100145
- (2) FR - HINGE - A100093

Hardware needed:
- (4) BC - SCREW PWH 8x3/4 - H100070
- (60) BR - SCREW PFH 8x1-1/8 - H100088
- (10) CX - SCREW PFH 4x5/8 - H100127

Phase Notes
- Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Step 1: Attach 'M13' Wall Slats approximately 3 11/16" from the bottom edge of 'K2' floor board & 'G3' cabin arch using Screws 'BR', as shown. Pre-drill and attach 'M40' Strike Plate Block approximately 2 13/16" from bottom edge of 'K2' and 10 7/16" from edge of 'E4' upright using Screws 'BR', as shown. Attach 'GJ' Strike Plate to 'M40' strike plate block using Screw 'GH', as shown. Pre-drill and assemble 'O2' Door Mounting Rail to 'M13' wall slat using Screws 'BR', as shown.

Step 2: Align 'M21', 'M18', 'M23', 'M18', & 'M20' Door Boards, as shown, and pre-drill attach 'O1' Door Supports using Screws 'BR', as shown. Pre-drill and attach 'FR' Hinges to 'M20' door board using Screws 'CX' as shown.

Step 3: Attach 'GK' Plastic Window Frame to door window opening using Screws 'BC', as shown. Attach 'HZ' Knob to door using Screw 'BR', as shown.

Step 4: Pre-drill and attach 'GF' Magnetic Catch to 'M18' door board using Screws 'GH', as shown.

Step 5: Pre-drill and attach Fort Door Assembly Hinges 'FR' to 'O2' Door Mounting Rail using Screws 'CX', as shown.
Parts needed:
• (1) JZ - PICNIC TARP - A100143

Hardware needed:
• (8) BC - SCREW PWH 8x3/4 - H100070

Phase Notes
• Assemble with hardware as shown.

Step 1: Attach 'JZ' Picnic Tarp to 'K4' Wall Rail using Screws 'BC', as shown.

Step 2: Attach 'JZ' Picnic Tarp to 'M5' Tarp Support using Screws 'BC', as shown.
Fort Assembly  
Phase 16

Parts needed:
- (4) L3 - RAFTER - W100913
- (2) N4 - HORIZONTAL SUNBURST - W100914
- (2) N5 - VERTICAL SUNBURST - W100915
- (4) N6 - ANGLED SUNBURST - W100916
- (2) DE - PLATE FORT 5 HOLE GREEN - A100011
- (2) HC - BYD ID TAG 2011 - A100164

Hardware needed:
- (10) BL - SCREW TAPPING 14x3/4 - H100083
- (8) CY - SCREW PWH 8x5/8 - H100128
- (16) BR - SCREW PFH 8x1-1/8 - H100088

Phase Notes
- Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board before attaching with a 1/8” drill bit.

Step 1: Pre-drill and attach 'N4' Horizontal Starburst to 'L3' Rafter using Screws 'BR', as shown.

Step 2: Pre-drill and attach 'N5' Vertical Starburst and 'N6' Angled Starburst to 'L3' Rafter using Screws 'BR', as shown.

Step 3: Attach 'HC' ID Tag to 'N4' Horizontal Starburst, 'N5' Vertical Starburst and 'N6' Angle Starburst using Screws 'CY', as shown.

Step 4: Pre-drill and attach 'DE' Plate Fort 5 Hole Green to 'L3' Rafter using Screws 'BL', as shown.

Step 5: Repeat Steps 1-4 for Roof Rafter Assembly.
Parts needed:

- (24) K91 - ROOF SLAT - W100917

Phase Notes

- Assemble with hardware as shown.

Hardware needed:

- (4) AC - WASHER LOCK EXT 8x19 - H100030
- (4) D - NUT BARREL WH 5/16x7/8 - H100005
- (4) AD - WASHER LOCK EXT 12x19 - H100031
- (4) H - BOLT WH 5/16x1-1/2 - H100010
- (48) BQ - SCREW PFH 8x1-1/4 - H100087

Step 1: Attach Roof Rafter Assemblies to 'E1', 'E2', 'E3', and 'E4' uprights using Safe-T-Fuse hardware, as shown.

Step 2: Starting at peak of roof, attach a 'K91' Roof Slat flush at peak and with a 3" overhang at front and back and secure using Screws 'BQ', as shown.

Step 3: Flush another 'K91' Roof Slat to the one just installed and then eleven more to each side, using Screws 'BQ', as shown.
Slide Attachment
Phase 18

Parts needed:

• (1) WAVE SLIDE ASSEMBLY

Phase Notes

• Assemble with hardware as shown.

To prevent board splitting, you must pre-drill each board with a 1/8” drill bit, before attaching.

Hardware needed:

• (3) B - NUT BARREL WH 5/16x5/8 - H100004
• (3) AD - WASHER LOCK EXT 12x19 - H100031
• (3) CM - BOLT WH 5/16x1/2 - H100115

Step 1: Center the wave slide assembly in the opening, as shown.

Step 2: Using a drill with a 5/16” bit, drill a hole through the holes on the slide and through ‘L1’ fort floor board.

Step 3: Attach the Slide Assembly to the fort floor using the Safe-T-Fuse hardware, as shown.
Swing Beam Attachment
Phase 19

Parts needed:
• (1) SWING BEAM ASSEMBLY

Hardware needed:
• (4) BG - T-NUT 5/16 - H100074
• (4) BX - WASHER SPLIT 5/16 - H100095
• (4) CD - WASHER FLAT 8x27 - H100105
• (4) AJ - BOLT HEX 5/16x1-1/4 - H100042

Phase Notes
• Assemble with hardware as shown.

Step 1: Attach the Swing Beam Assembly to 'G4' swing beam mount using Bolts 'AJ', Washer 'BX' & Washer 'CD' through 'GD' angle brackets & 'G4' swing beam mount and into T-Nut 'BG' that will need to be hammered in the holes on the backside of 'G4', as shown.
Monkey Bar Attachment
Phase 20

Parts needed:
- (1) MONKEY BAR ASSEMBLY

Phase Notes
- Assemble with hardware as shown.

Hardware needed:
- (4) AD - WASHER LOCK EXT 12x19 - H100031
- (4) B - NUT BARREL WH 5/16x5/8 - H100004
- (4) CM - BOLT WH 5/16x1/2 - H100115

Step 1: Attach the Monkey Bar Assembly to 'K5' monkey bar arch rail using Safe-T-Fuse hardware through 'EJ' angle brackets & 'K5' monkey bar arch rail, as shown.
**Anchoring Instructions**

**Phase 21**

**Parts needed:**
- (8) KD - PLASTIC GROUND STAKE - A100179
- (4) EZ - CHAIN GREEN 51.25” - A100068
- (4) FA - QUICK LINK - A100069
- (2) FB - SWING SEAT YELLOW - A100070
- GLIDER ASSEMBLY

**Phase Notes**
- Assemble with hardware as shown.
- FAILURE TO USE STAKES CAN VOID WARRANTY & CAUSE INJURY!

**Step 2:** Attach Swing Seats 'FB' to swing beam using Quick Clip 'FA' and Chain 'EZ'.

**Step 3:** Attach Glider Assembly to swing beam using Quick Clip 'FA' and Chain 'DG'.

**Hardware needed:**
- (8) CK - SCREW PFH 8x2 - H100111

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**Step 1:** Drive Stakes 'KD' into the ground against boards where shown and attach with Screws 'CK', as shown.

**Final Step:** Double check and make sure every bolt, screw and nut is tight. Make sure every board is secure. Make sure the fort is level and enjoy your swing set.
Limited Warranty

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

Backyard Discovery warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. This one (1) year warranty covers all parts including wood, hardware, and accessories. All wood carries a five (5) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within the first 30 days from date of purchase found to be missing from or damaged in the original packaging.

This warranty applies to the original owner and registrant and is **non-transferable**. Regular maintenance is required to assure maximum life and performance of this product and failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner's Manual.

This Limited Warranty does not cover:

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

Backyard Discovery products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modification voids any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for RESIDENTIAL USE ONLY. Under no circumstance should a Backyard Discovery product be used in public settings. Such use may lead to product failure and potential injury. Any and all public use will void this warranty. Backyard Discovery disclaims all other representations and warranties of any kind, express or implied.

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

### Pro Rated Part Replacement Schedule

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