



Saratoga Wooden Swing Set

Model # 30011

Owner's Manual & Assembly Instructions

MANUFACTURED BY:

Backyard Discovery
3305 Airport Drive
Pittsburg, KS 66762
800-856-4445



INSTALLATION SERVICES AVAILABLE!*

Need a helping hand?

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GOCONFIGURE
888-888-5424

*Installation services are only available to U.S. customers.

average 2 person assembly time

INTERMEDIATE
10
HOURS

assembly time may vary based on skill level

Before you begin

FOR QUICK & EASY ASSEMBLY
FIND 3D INSTRUCTIONS FOR THIS PRODUCT IN

BILT.

DOWNLOAD THE FREE APP

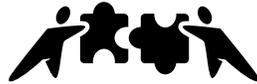


For the most up to date assembly manual, to register your set, or to order replacement parts please visit

www.backyarddiscovery.com

SAVE THIS ASSEMBLY MANUAL FOR FUTURE REFERENCE IN THE EVENT THAT YOU NEED TO ORDER REPLACEMENT PARTS.

Para obtener instrucciones en español, visite www.backyarddiscovery.com



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The store where you made your purchase does not stock parts for this item. If you have assembly questions or you are missing or have damaged parts, please call

1-800-856-4445
or visit www.backyarddiscovery.com

Please have the following information ready when you make your call:

- Model Number of the product located on the front of the assembly manual
 - Description of the part from the parts list
-
- Read entire assembly manual, paying special attention to the important tips and safety information.
 - Ensure there are no missing pieces by first separating and identifying all parts.
 - Make sure to check packing material for small parts that may have fallen out during shipment.
 - 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.
 - This manual contains helpful information concerning assembly preparation, installation procedure and required maintenance.
 - Always keep safety in mind as your structure is being built.
 - Keep these instructions for future reference.



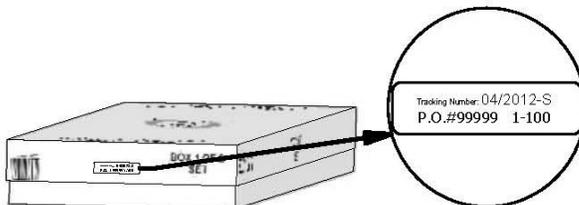
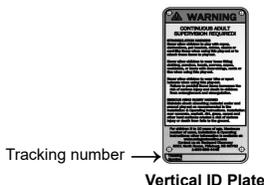
Please read entire booklet completely before beginning the assembly process

Please retain these instructions and your receipt 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 on the bottom of the vertical ID plate are included for tracking purposes associated with warranty claims.

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. 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.

Pro Rated Part Replacement Schedule

<u>Product Age</u>	<u>Customer Pays</u>
All Parts	
0-30 days from date of purchase	\$0 and free shipping
31 days to 1 year	\$0 + S&H
Wood Rot and Decay Only	
1 year	\$0 and free shipping
2 year	20% + S&H
3 year	40% + S&H
4 year	60% + S&H
5 year	80% + S&H
Over 5 years	100% + S&H



NOTE:

Your Children's Safety Is Our #1 Concern!

Observe the following statements and warnings to reduce the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.



WARNING: BURN HAZARD

- Pay special attention to plastic and metal surfaces as they may be hot enough to cause burns.
- Always check the temperature of the product before letting your children play on it.
- Remember that the product may cause burns if left in direct sunlight.
- Always be aware of the sun and weather conditions, and do not assume that the equipment is safe because the air temperature is not very high.

- Children **MUST NOT** use this playcenter until unit has been completely assembled and inspected by an adult to ensure set has been properly installed and anchored.
- Equipment is recommended for use by children 3 to 10 years of age.
- This Playcenter is designed for specific number of occupants whose combined weight should not exceed the 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.
- On-site, continuous adult supervision is **REQUIRED**. **MOST SERIOUS INJURIES AND DEATHS ON PLAYGROUND EQUIPMENT HAVE OCCURRED WHILE CHILDREN WERE UNSUPERVISED!**
- **DO NOT** allow children to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
- **DO NOT** let children stand on swings.
- Children should **NOT** twist the chains and ropes and should not loop them over the top support bar, this could reduce the strength of the chain or rope.
- **DO NOT** let children push empty seats. The seat could hit them and cause serious injury.
- Instruct and teach children to sit in the center of the swings with their full weight on the seats.
- **DO NOT** allow children to use the equipment in a manner other than intended.
- Instruct children to **ALWAYS** go down slides feet first. Never slide head first.
- Instruct children to **LOOK** before they slide to make sure no one is at the bottom.
- **DO NOT** allow children to run up a slide, as this increases their chances of falling.
- **DRESS CHILDREN APPROPRIATELY.** (Examples would include wearing well-fitting shoes and the avoidance of ponchos, scarfs, and other loose-fitting clothing that is potentially hazardous while using equipment).
- **DO NOT** allow children to climb when the equipment is wet.
- Children should **NEVER** jump from a fort deck. They should always use the ladder, ramp or slide.
- Children should **NEVER** be allowed to crawl or walk across the top of monkey bars.
- **DO NOT** allow children to crawl on top of a fort roof.
- Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on themselves as to create an entanglement hazard.
- **DO NOT** let children attach items to the playground equipment that are not specifically designed for use with the equipment. Items such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain can cause a strangulation hazard.
- Children should **NEVER** wrap their legs around swing chain.
- **DO NOT** allow children to slide down the swing chain.
- Instruct children to remove their bike or other sports helmet before playing on playground equipment.



Positioning Your Playcenter

- 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.
- 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.
- 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.
- 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.
- It is a good idea to place your playcenter in an area that is convenient for adults to watch children at play.
- 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.
- Do not build your playset on top of surfacing material.
- 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.
- 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 6ft (1.8m) 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

Material	Uncompressed Depth			Compressed Depth to 9" (228mm)
	6" (152mm)	9" (228mm)	12" (304mm)	
Wood Chips	7' (2.13m)	10-12' (3.0-3.6m)	11' (3.35m)	10' (3.05m)
Double-Shredded Bark Mulch	6' (1.83m)	10-12' (3.0-3.6m)	11' (3.35m)	7' (2.13m)
Engineered Wood Fibers	6' (1.83m)	7' (2.13m)	>12' (3.66m)	6' (1.83m)
Fine Sand	5' (1.52m)	5' (1.52m)	9' (2.74m)	5' (1.52m)
Coarse Sand	5' (1.52m)	5' (1.52m)	6' (1.83m)	4' (1.22m)
Fine Gravel	5' (1.52m)	7' (2.13m)	10' (3.05m)	6' (1.83m)
Medium Gravel	5' (1.52m)	5' (1.52m)	6' (1.83m)	5' (1.52m)
Shredded Tires*	10-12' (3.0-3.6m)	N/A	N/A	N/A

*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.



APPENDIX A

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

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/manufacture 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.

⁹This 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.

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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.



IT IS IMPORTANT TO CHECK AND TIGHTEN ALL HARDWARE AT THE BEGINNING AND DURING THE SEASON AS THEY MAY LOOSEN DUE TO WOOD EXPANSION AND CONTRACTION.

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 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 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.

OWNERS SHALL BE RESPONSIBLE FOR MAINTAINING THE LEGIBILITY OF THE WARNING LABELS



Your Backyard Discovery structure is designed and constructed of quality materials. As with all outdoor products it will weather and wear. To maximize the enjoyment, safety and life of your structure it is important that you properly maintain it.

About Our Wood

Backyard Discovery uses 100% Cedar (C. Lanceolata) wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

What causes weathering? Does it affect the strength of my product?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. Checking is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.

2. Warping results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.

3. Fading happens as a natural change in the wood color as it is exposed to sun-light and will turn grey over time.

How can I reduce the amount of weathering to wood product?

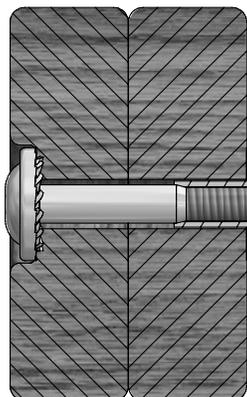
1. Your wood product is coated with a water-based stain. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product). You must apply some type of protection (sealant) to the wood of your product. **Please note this is a requirement of your warranty.** Most weathering is just the normal result of nature and will not affect safety. However if you are concerned that a part has experienced a severe weathering problem please call our customer service department for further assistance.

2. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.



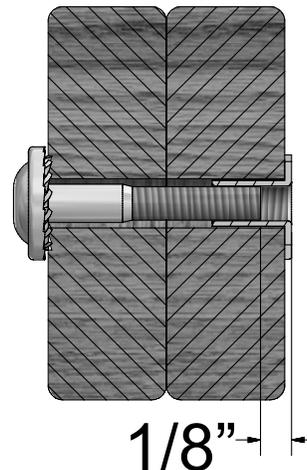
Protrusion Hazard

Incorrect



If you see exposed threads and your bolt protrudes beyond the T-Nut you may have over tightened the bolt. To eliminate this, remove the bolt and add washers to eliminate the problem.

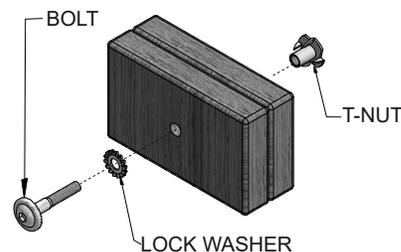
Correct



Proper Hardware Assembly

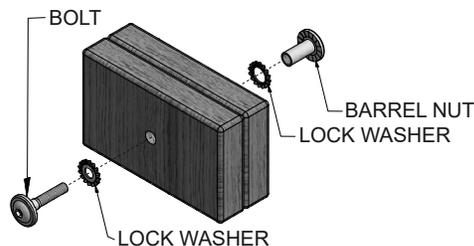
Bolt and T-Nut Assembly

Tap T-nut into the provided hole. Insert your bolt through the lock washer and insert into the provided hole opposite from the T-Nut. Turn clockwise to thread into T-nut. Do not completely tighten until instructed.



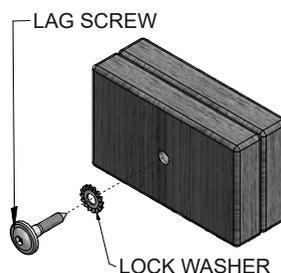
Bolt and Barrel Nut Assembly

Insert barrel nut through the lock washer and press the pair through the provided hole. Insert your bolt through the second lock washer and insert the pair into the provided hole opposite from the barrel nut. Turn clockwise to thread into the barrel nut. Do not completely tighten until instructed.



Lag Assembly

Normally there will be a pre-drilled pilot hole on assemblies that require a Lag Screw. If there is no pilot hole, line up the two boards as they are to be attached and use the factory drilled hole as a guide to drill another pilot hole into the adjoining board. This will keep the wood from splitting. Only a lock washer is required for steps with Lag Screws.

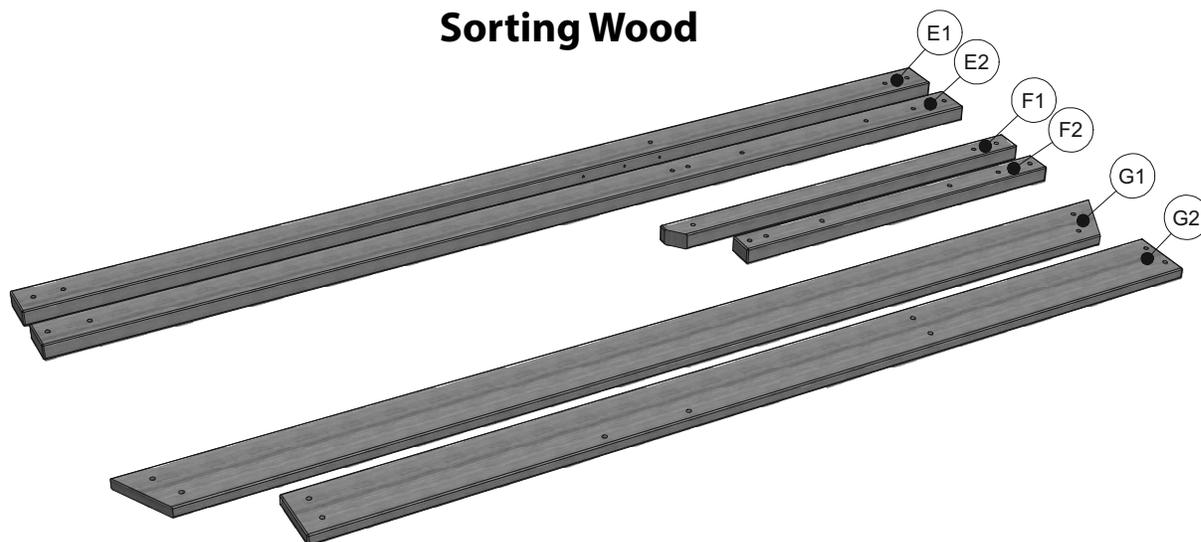




ASSEMBLY TIP:

Keep an eye out for these boxes which will contain helpful pictures and information making the assembly process as quick and painless as possible.

Sorting Wood



When removing the wood from the boxes we recommend arranging them by part number before you begin assembly. This will allow for faster assembly and easily identify any parts that may be missing or damaged.

Sorting Hardware

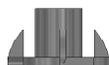
NUT BARREL
H100545



SCREW
H100695



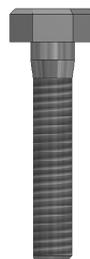
T-NUT
H100699



WASHER FLAT
H100706



BOLT HEX
H100716



BOLT
H100718



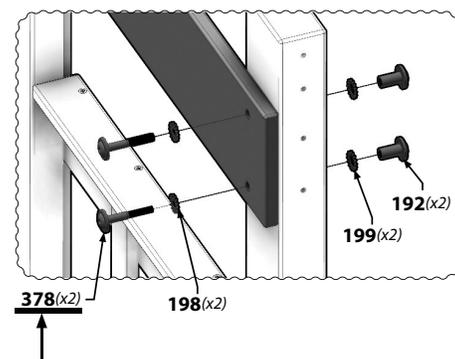
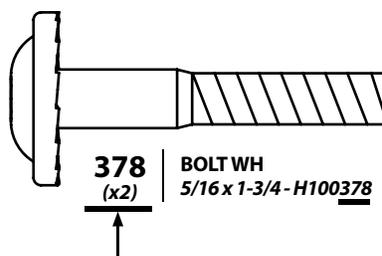
SCREW PWH
H100742



To help with assembly we recommend sorting your hardware bags with the seven digit alpha-numeric number printed on the bags or by hardware type (i.e. bolts, nuts, etc.). Organizing your hardware will make assembly easier.

Hardware Identification

Hardware bags are printed with a seven digit alpha-numeric part number. During assembly you only need to reference the last three digits of the part number as noted in each step. This will make finding the correct hardware easier.





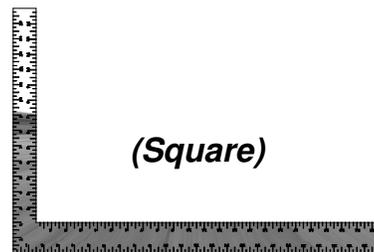
(These are the tools that are generally required for assembly of our swing sets. These tools are not included in the swing set purchase.)



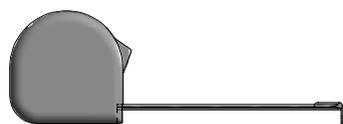
(Level 24")



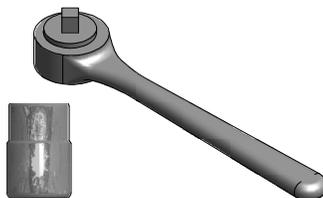
(Open End Wrenches 1/2")



(Square)



(Tape Measure)



(3/8" Drive Ratchet, 1/2" STD Sockets 1/2" Deep Sockets)



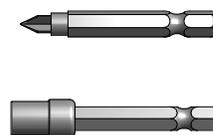
(Claw Hammer)



(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)

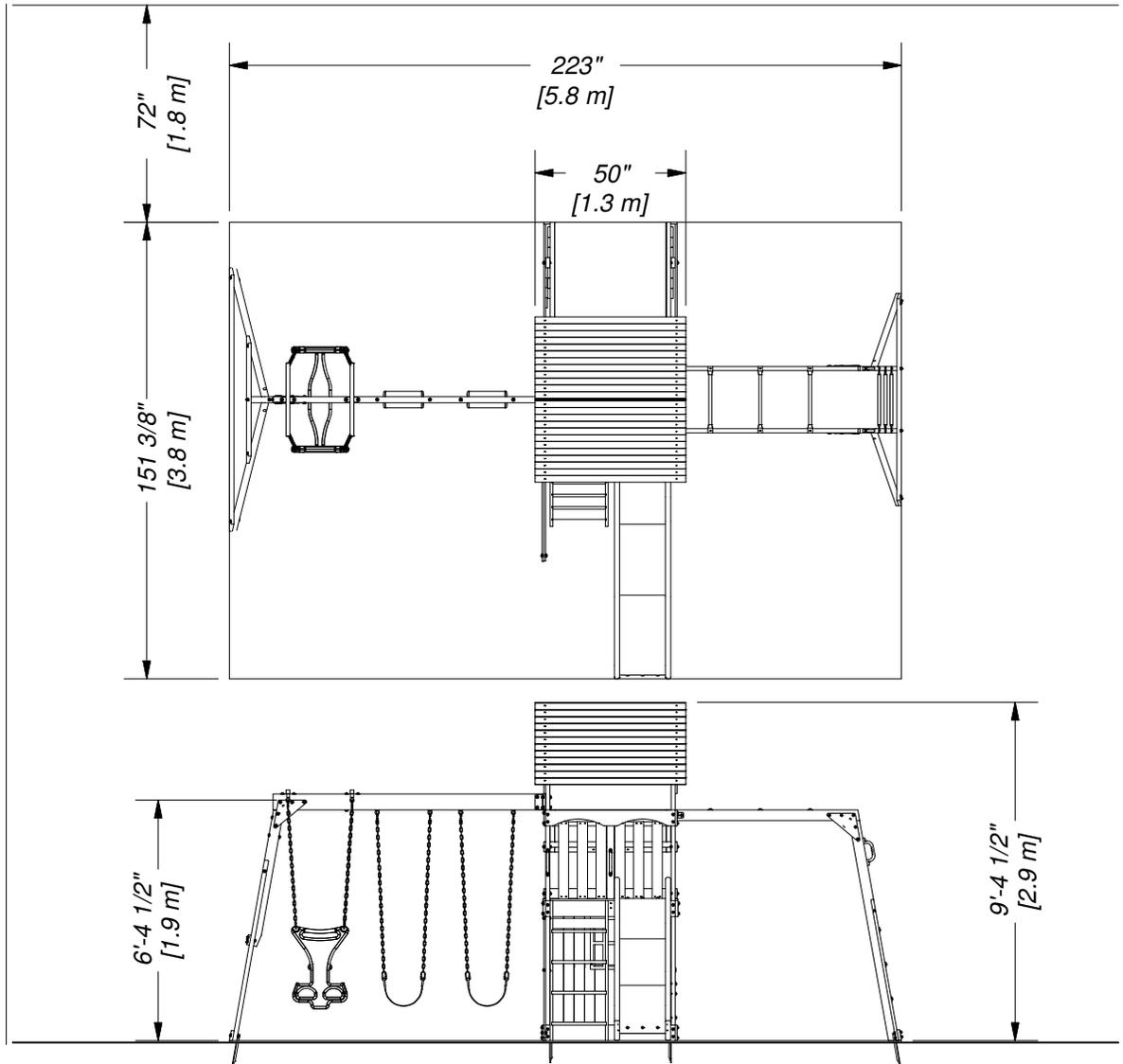


(Ladder)

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.

Safe Play Zone



Safe play height: 15'-4 1/2" [4.7 m]
Maximum fall height: 6'-4 1/2" [1.9 m]

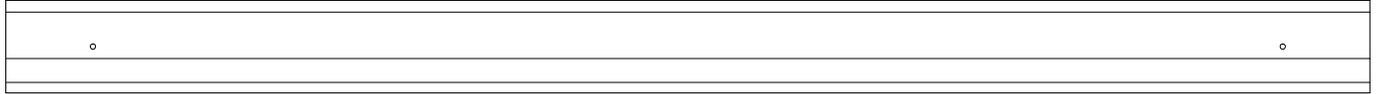
Important Assembly Notes

- 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)



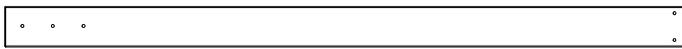
(24) **K91 - ROOF SLAT - W100917**
3/8"x3 3/8"x50" (11x86x1270)



(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)



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



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



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



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



(1) **M73 - REAR SUPPORT - W100610**
5/8"x3 3/8"x19 1/4" (16x86x488)



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



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



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



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



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



(2) **M23 - DOOR BOARD - W100922**
5/8"x3 3/8"x6 1/4" (16x86x160)



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



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



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



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

Parts Identification

Wood Components

(NOT TO SCALE)



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



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



- (2) **E77 - ANGLE BRACE - W100991**
1 3/8"x3 3/8"x74 3/8" (36x86x1890)



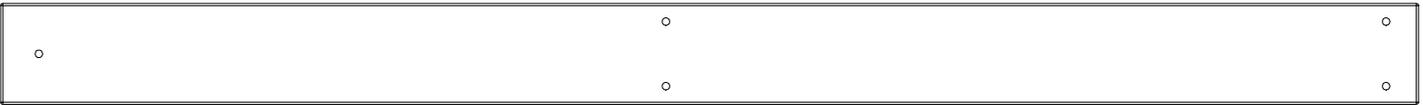
- (1) **H82 - MONKEY BAR GROUND BOARD - W100994**
1"x3 3/8"x70 3/8" (24x86x1786)



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



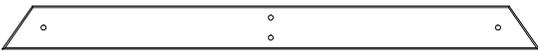
- (1) **E5 - UPRIGHT - W101085**
1 3/8"x3 3/8"x66" (36x86x1676)



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



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



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



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



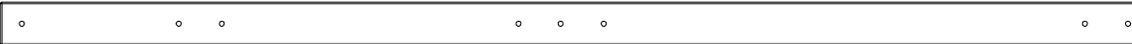
- (1) **K6 - WALL RAIL - W101095**
5/8"x5 1/4"x41 1/8" (16x134x1044)



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



- (1) **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)



- (2) **H81 - MONKEY BAR BRACE - W100993**
1"x3 3/8"x53 1/4" (24x86x1352)



- (1) **K5 - MONKEY BAR ARCH RAIL - W101094**
5/8"x5 1/4"x41 1/8" (16x134x1044)



- (3) **K4 - WALL RAIL - W101093**
5/8"x5 1/4"x43" (16x134x1092)

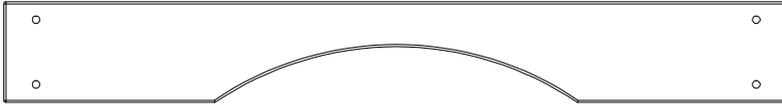


- (4) **J1 - FLOOR SUPPORT - W101037**
1"x2 3/8"x3" (24x60x76)

Parts Identification

Wood Components

(NOT TO SCALE)



(1) **G3 - CABIN ARCH - W101096**
1"x5 1/4"x41 1/8" (24x134x1044)



(1) **M2 - WALL RAIL - W101097**
5/8"x3 3/8"x67 5/8" (16x86x1718)



(1) **M7 - WALL RAIL - W101099**
5/8"x3 3/8"x43" (16x86x1092)



(4) **L2 - OUTER WALL SLAT - W101100**
5/8"x4 3/8"x39" (16x112x992)



(2) **N2 - TIE SLAT - W101103**
5/8"x2 3/8"x14 5/8" (16x60x372)



(16) **M13 - WALL SLAT - W101101**
5/8"x3 3/8"x39" (16x86x992)



(6) **M16 - CENTER WALL SLAT - W101102**
5/8"x3 3/8"x20 3/8" (16x86x518)



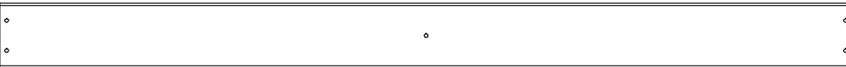
(1) **E2 - UPRIGHT - W101104**
1 3/8"x3 3/8"x89 1/2" (36x86x2274)



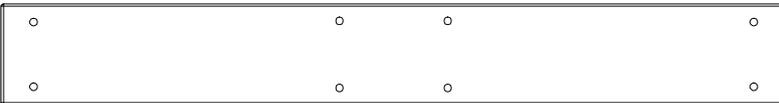
(1) **E3 - UPRIGHT - W101106**
1 3/8"x3 3/8"x89 1/2" (36x86x2274)



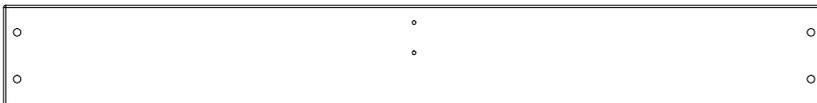
(1) **E4 - UPRIGHT - W101107**
1 3/8"x3 3/8"x89 1/2" (36x86x2274)



(10) **M4 - FLOOR BOARD - W102380**
5/8"x3 3/8"x44 7/8" (16x86x1140)



(1) **G4 - SWING BEAM MOUNT - W101105**
1"x5 1/4"x41 1/8" (24x134x1044)



(1) **G1 - WALL RAIL - W102379**
1"x5 1/4"x43" (24x134x1092)



(2) **L1 - OUTER FLOOR BOARD - W101110**
5/8"x4 3/8"x40 1/8" (16x112x1018)



(1) **G5 - WALL RAIL - W101112**
1"x5 1/4"x41 1/8" (24x134x1044)

Parts Identification

Wood Components

(NOT TO SCALE)



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



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



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



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



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



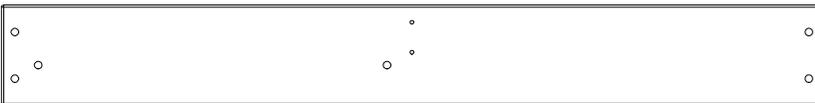
- (1) **M3 - ANGLE BRACE - W101121**
5/8"x3 3/8"x52 1/2" (16x86x1335)



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



- (2) **N3 - TIE SLAT - W101119**
5/8"x2 3/8"x8" (16x60x204)



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



- (2) **M17 - WALL RAIL - W101114**
5/8"x3 3/8"x10" (16x86x254)



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



- (8) **M15 - WALL SLAT - W101126**
5/8"x3 3/8"x23 1/4" (16x86x591)



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



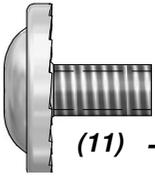
- (1) **M40 - STRIKE PLATE BLOCK - W101134**
5/8"x3 3/8"x1" (16x86x24)



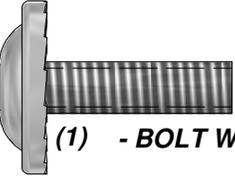
- (1) **H1 - FLOOR JOIST - W102377**
1"x3 3/8"x41 1/8" (24x86x1044)

Parts Identification

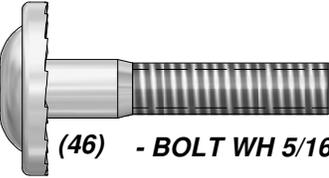
Hardware



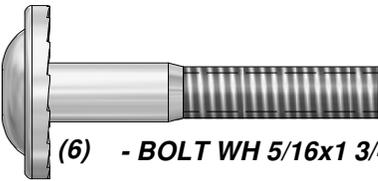
(11) - BOLT WH 5/16x1/2 - H100115



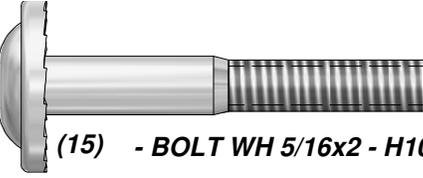
(1) - BOLT WH 5/16x1 - H100008



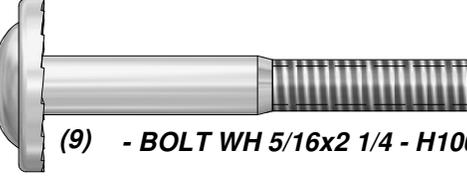
(46) - BOLT WH 5/16x1 1/2 - H100010



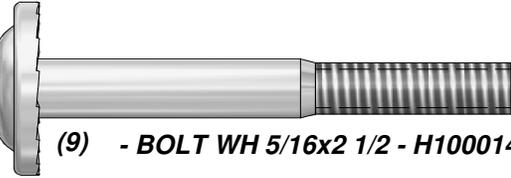
(6) - BOLT WH 5/16x1 3/4 - H100011



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



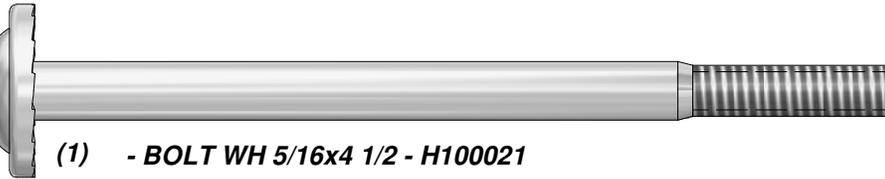
(9) - BOLT WH 5/16x2 1/4 - H100013



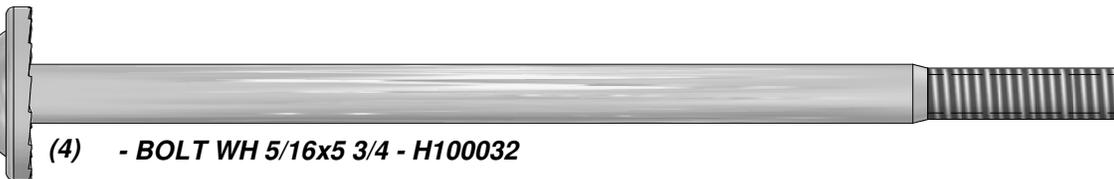
(9) - BOLT WH 5/16x2 1/2 - H100014



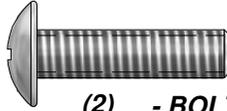
(2) - BOLT WH 5/16x3 - H100016



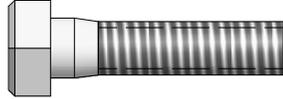
(1) - BOLT WH 5/16x4 1/2 - H100021



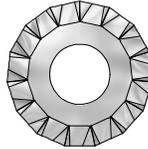
(4) - BOLT WH 5/16x5 3/4 - H100032



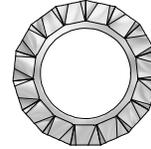
(2) - BOLT PTH 1/4x1 - H100061



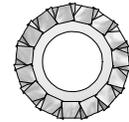
(4) - BOLT HEX 5/16x1 1/4 - H100042



(104) - WASHER LOCK EXT 8x19 - H100030



(81) - WASHER LOCK EXT 12x19 - H100031



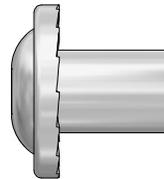
(4) - WASHER LOCK EXT 6x15 - H100138



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



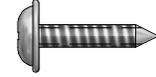
(2) - NUT BARREL WH 5/16x1 1/2 - H100006



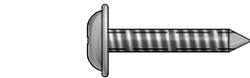
(12) - NUT BARREL WH 5/16x5/8 - H100004



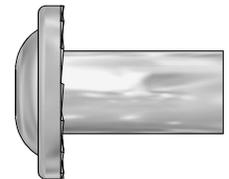
(11) - SCREW PPH 4x5/8 BLK - H100127



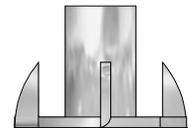
(11) - SCREW PWH 8x5/8 - H100128



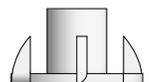
(22) - SCREW PWH 8x3/4 - H100070



(66) - NUT BARREL WH 5/16x7/8 - H100005



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



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

Parts Identification

Hardware



(258) BR - SCREW PFH 8x1 1/8 - H100088



(52) BQ - SCREW PFH 8x1 1/4 - H100087



(86) BP - SCREW PFH 8x1 1/2 - H100086



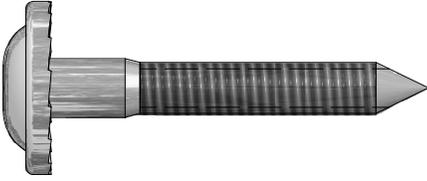
(9) BS - SCREW PFH 8x1 3/4 - H100089



(35) CK - SCREW PFH 8x2 - H100111



(26) BW - SCREW PFH 8x3 - H100092



(36) Z - LAG SCREW WH 5/16x2 - H100027



(2) AA - LAG SCREW WH 5/16x2 1/2 - H100028



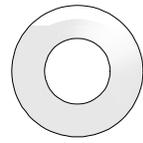
(17) BL - SCREW TAPPING 14x3/4 - H100083



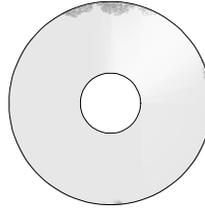
(15) CH - SCREW TAPPING 14x1-1/2 - H100109



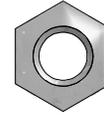
(4) LC - LAG SCREW WH 1/4x1-1/2 - H100145



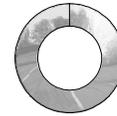
(7) CE - WASHER FLAT 9x18 - H100106



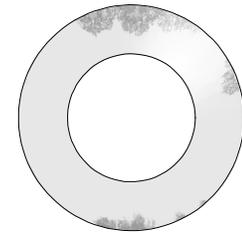
(24) CD - WASHER FLAT 8x27 - H100105



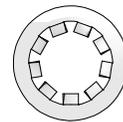
(17) CJ - NUT LOCK 5/16 - H100110



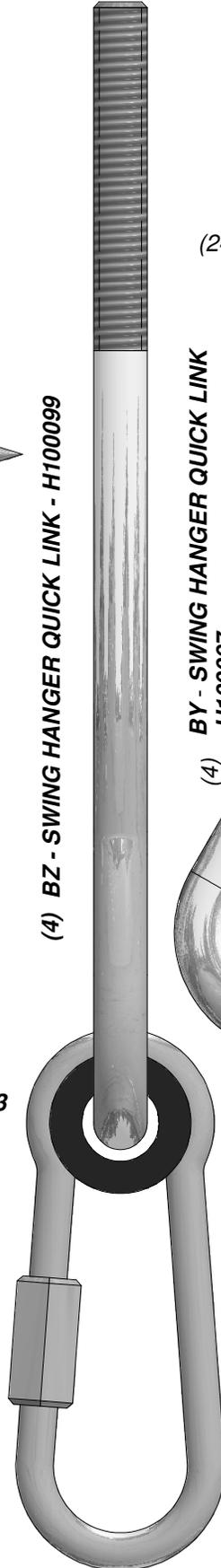
(4) BX - WASHER SPLIT 5/16 - H100095



(4) CB - WASHER SAFETY 17x30 - H100103



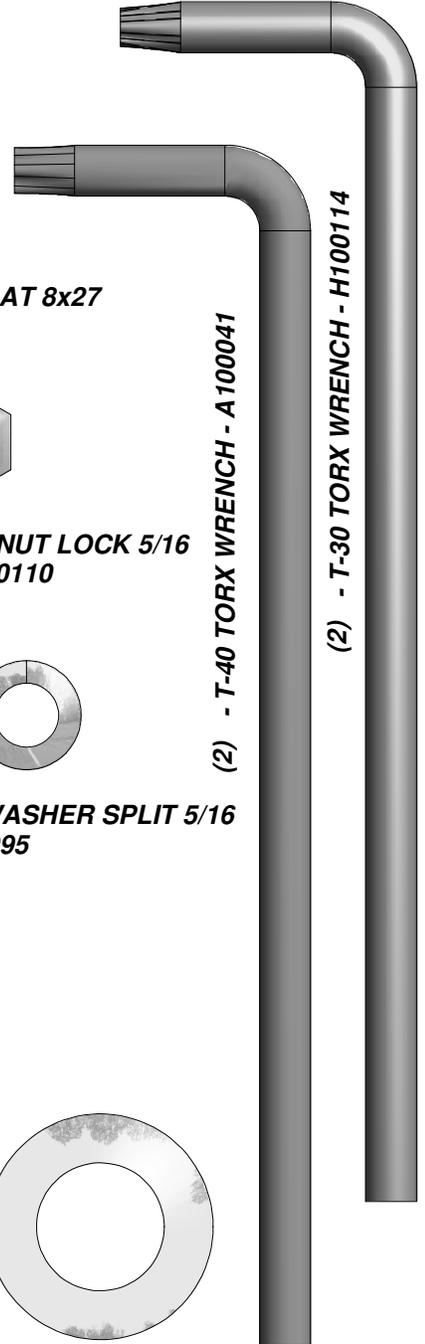
(7) CG - WASHER LOCK INT 8x15 - H100108



(4) BZ - SWING HANGER QUICK LINK - H100099



(4) BY - SWING HANGER QUICK LINK - H100097



(2) - T-40 TORX WRENCH - A100041

(2) - T-30 TORX WRENCH - H100114

Parts Identification

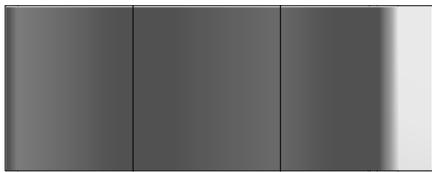
Accessories
(NOT TO SCALE)



(1) EK - SLIDE RAIL 8' GREEN RIGHT - A100054



(1) EL - SLIDE RAIL 8' GREEN LEFT - A100055



(1) EM - SLIDE BED 8' YELLOW - A100056



(2) FB - SWING SEAT YELLOW - A100070



(8) KD - PLASTIC GROUND STAKE BROWN - A100179



(4) DG - CHAIN GREEN 38.5" - A100015



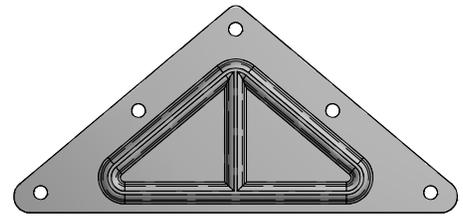
(4) EZ - CHAIN GREEN 51.25" - A100068



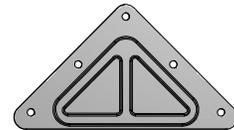
(2) - T-30 TORX BIT - H100147



(2) - T-40 TORX BIT - A100042



(4) QZ - TRIANGLE PLATE 100° 5 HOLE -A100294



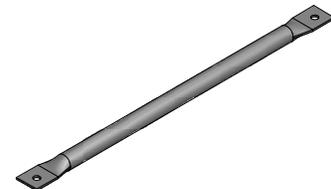
(2) DE - TRIANGLE PLATE 90° 5 HOLE BYD GREEN -A100011



(4) EA - HAND GRIP YELLOW PLASTIC -A100043



(2) HC - BYD ID TAG (LARGE) 2011 WITH AGES - A100164



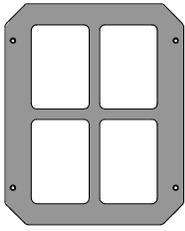
(6) EC - METAL RUNG 559 -A100045



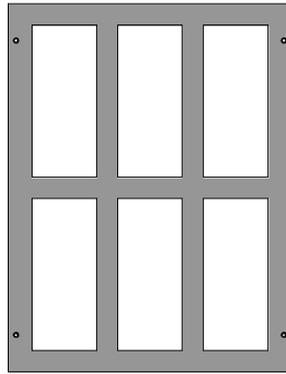
(7) EJ - L BRACKET 54x67 -A100053

Parts Identification

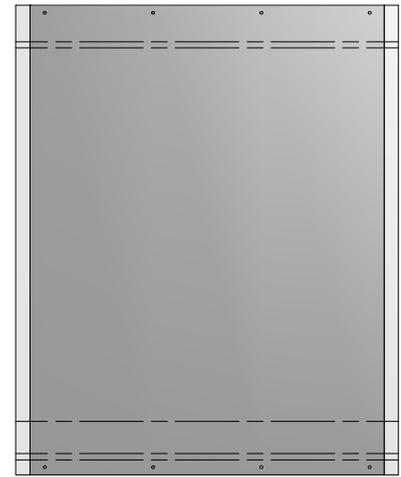
Accessories (NOT TO SCALE)



(1) **GK - WINDOW 216x267 GREEN**
-A100146



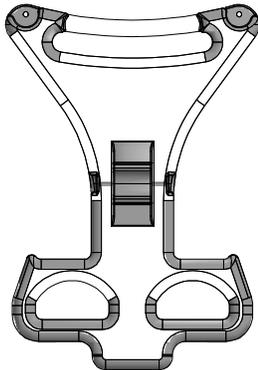
(2) **EB - WINDOW FRAME GREEN**
343x444.5
-A100044



(1) **JZ - PICNIC TARP - A100143**



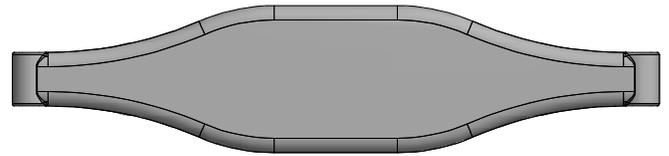
(4) **EY - TUBING CAP GLIDER SUPPORT**
-A100067



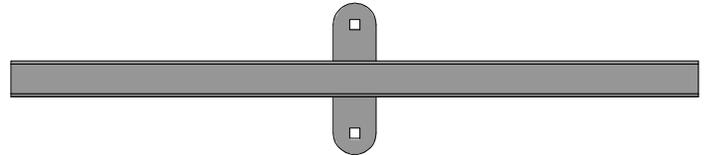
(2) **DK - GLIDER ARM BYD GREEN - A100022**



(4) **EX - GLIDER BUSHING BYD GREEN - A100066**



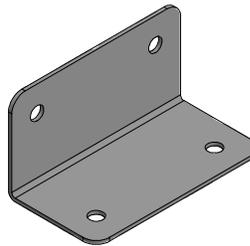
(1) **DL - GLIDER SEAT YELLOW - A100023**



(2) **EW - GLIDER SUPPORT BYD GREEN - A100065**



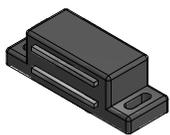
(1) **SQ - "A" REVISION TAG - A100314**



(2) **GD - L BRACKET 66x66x127**
-A100140



(2) **FR - LEAF HINGE - A100093**



(1) **GF - MAGNETIC CATCH KIT**
-A100145 MAG



(3) **GH - SCREW**
-A100145 SCREW



(1) **GJ - STRIKE PLATE**
-A100145 STRIKE



(8) **FA - QUICK LINK**
-A100069



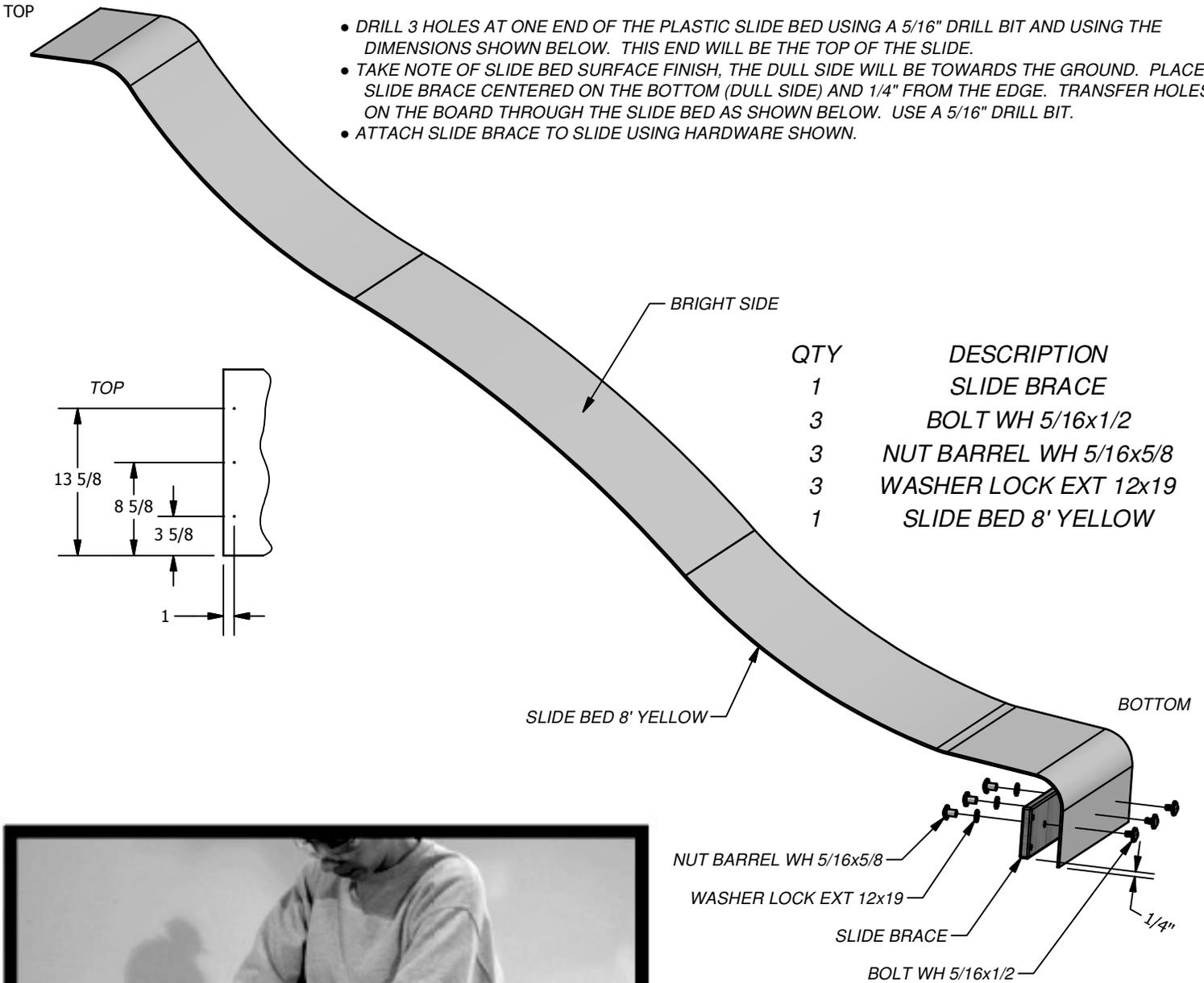
(1) **HZ - KNOB - A100071**

8 FOOT SLIDE ASSEMBLY

PHASE 1

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.



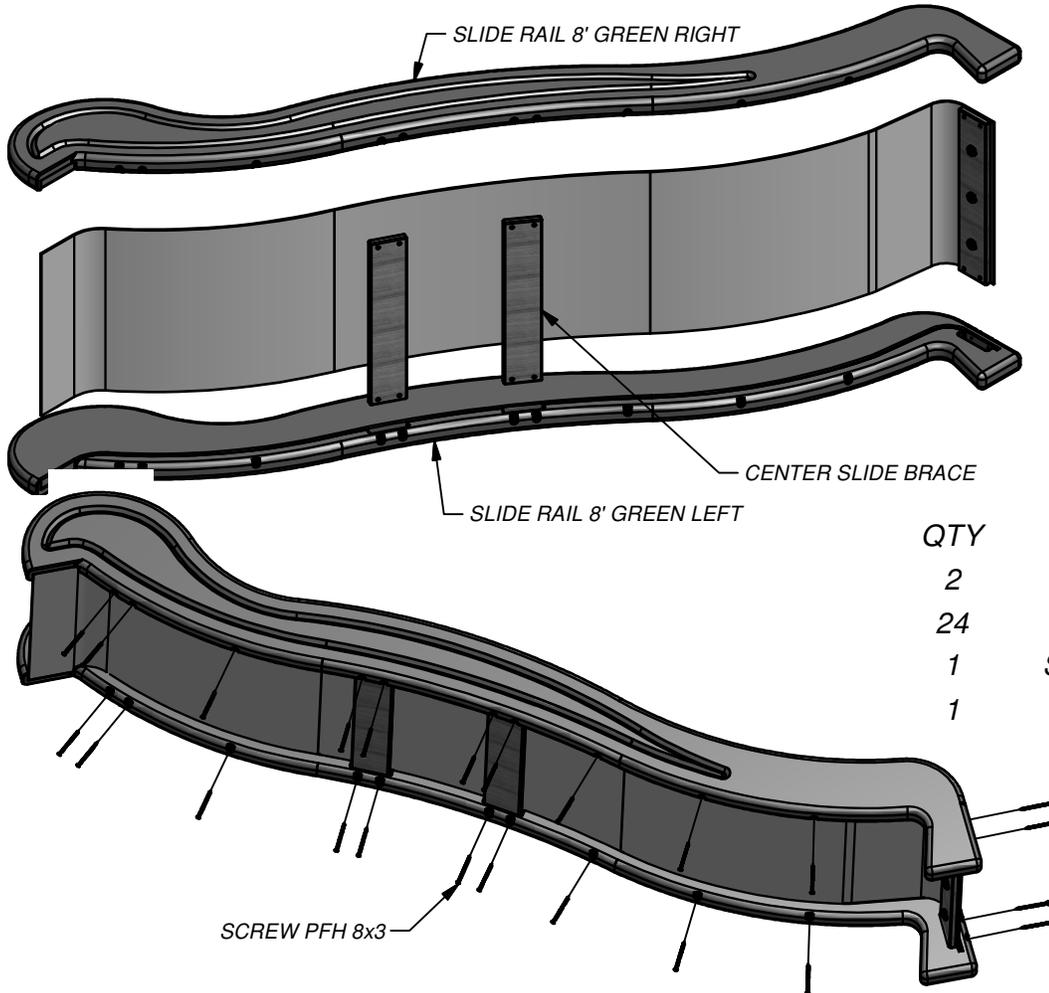
TIP: PREBENDING THE ENDS WILL EASE ASSEMBLY.

8 FOOT SLIDE ASSEMBLY

PHASE 2

Phase Notes

- PLACE 1 SLIDE RAIL ON A FLAT SURFACE AND BEGIN INSERTING SLIDE BED AT THE BOTTOM OF THE SLIDE RAIL. PUT SLIDE SUPPORT BOTTOM INTO THE SUPPORT POCKET AT THE BOTTOM OF THE RAIL AND 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.
- 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.



QTY	DESCRIPTION
2	CENTER SLIDE BRACE
24	SCREW PFH 8x3
1	SLIDE RAIL 8' GREEN RIGHT
1	SLIDE RAIL 8' GREEN LEFT



TIP: A HELPER IS REQUIRED FOR THIS PHASE.

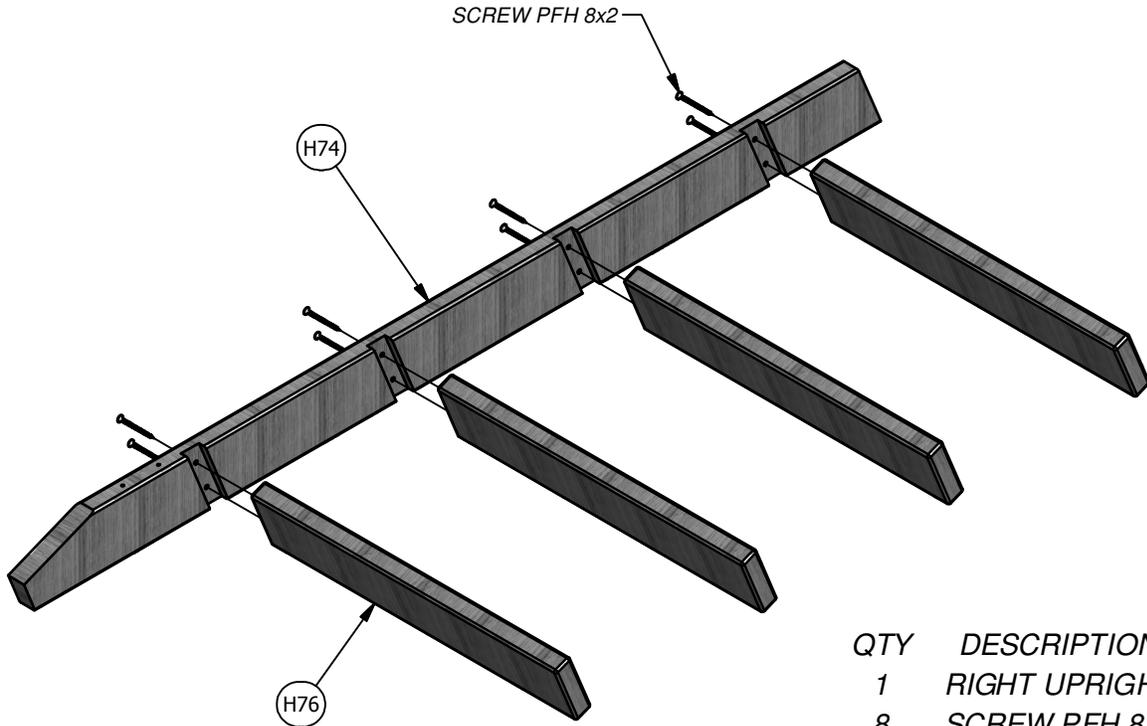
4 Ft Ladder

Phase 1 & 2

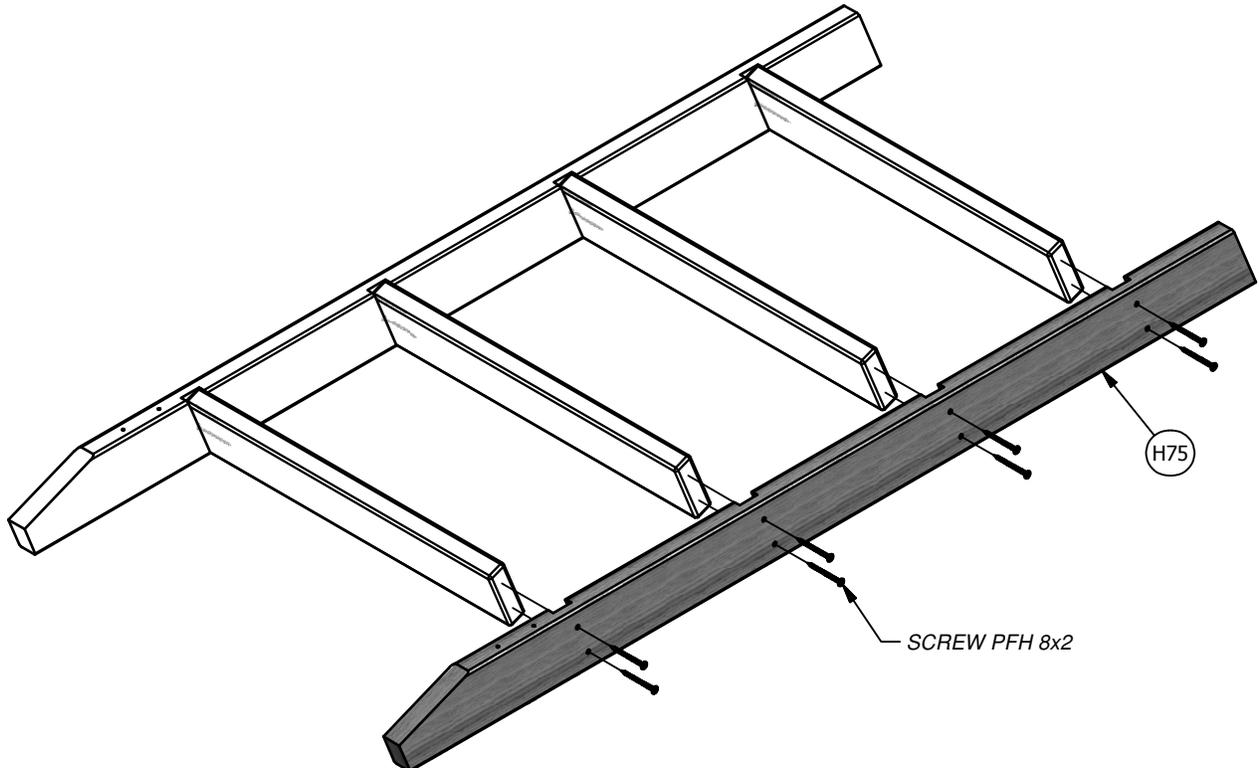
Phase Notes

- 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	

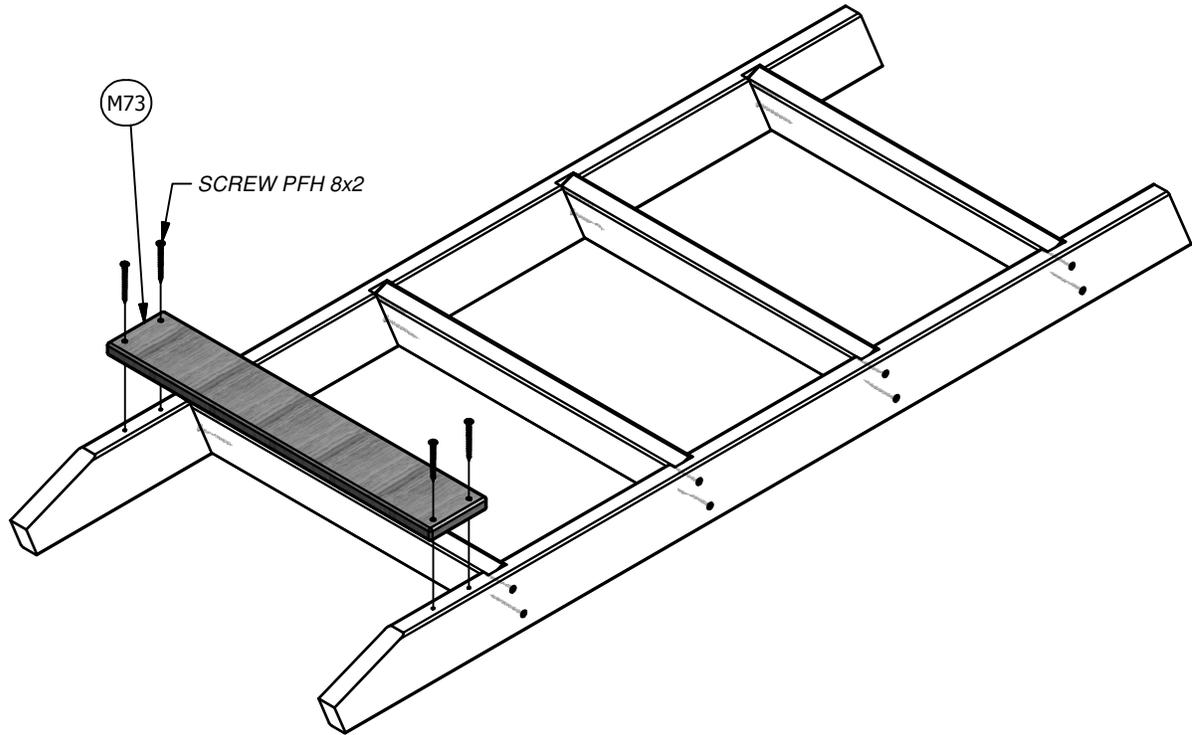


4 Ft Ladder

Phase 3

Phase Notes

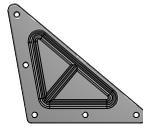
- Assemble with hardware as shown.



QTY	DESCRIPTION	LABEL
1	REAR SUPPORT	M73
4	SCREW PFH 8x2	



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



(2) **QZ - TRIANGLE PLATE 100° 5 HOLE - A100294**



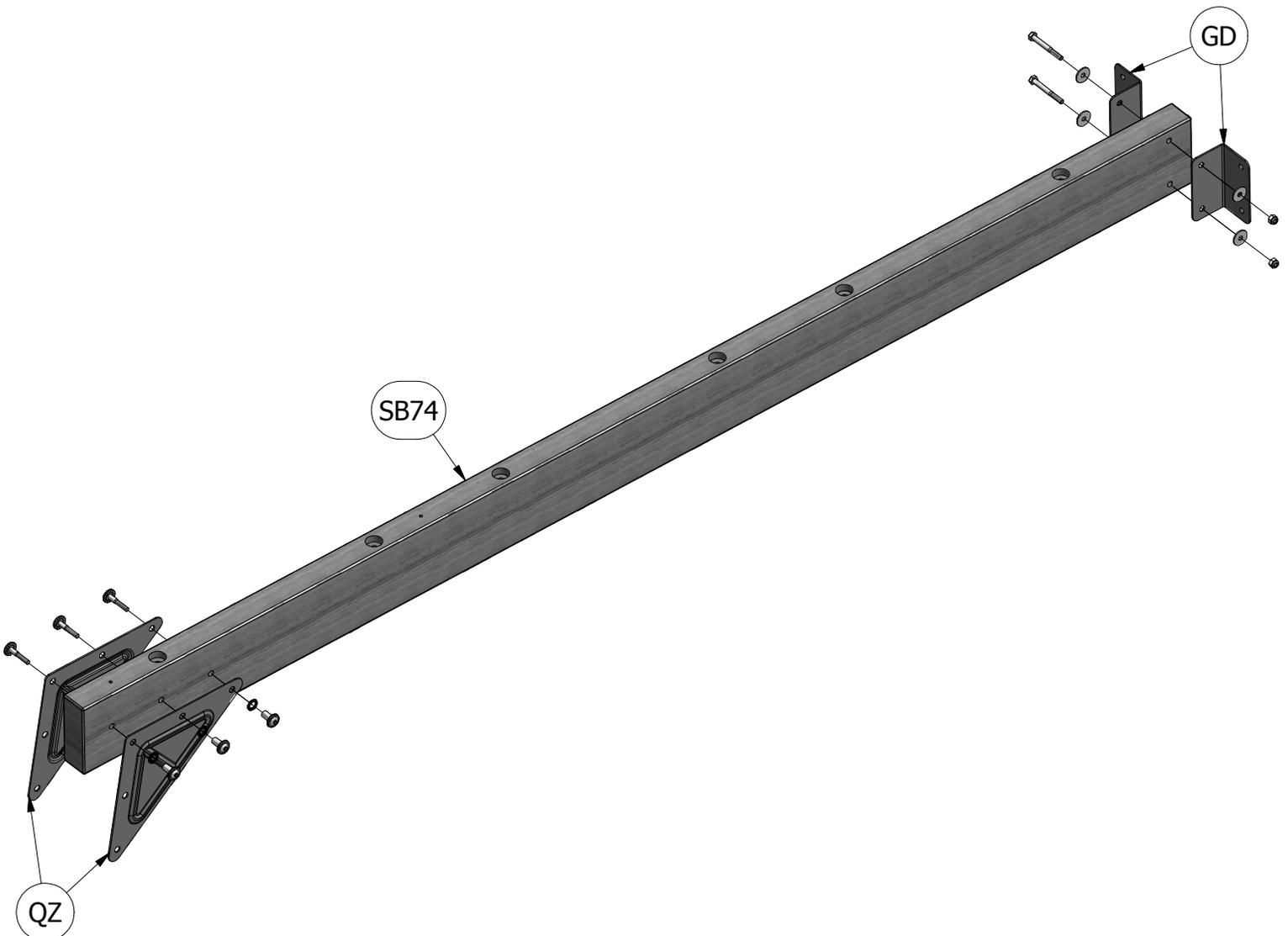
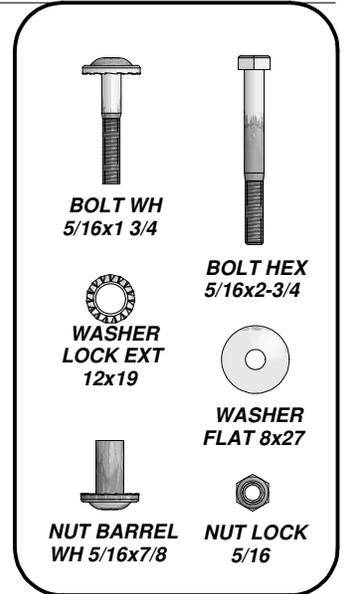
(2) **GD - L BRACKET 66x66x127 - A100140**

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.



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

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

- (2) **E77 - ANGLE BRACE - W100991**
1 3/8"x3 3/8"x74 3/8" (36x86x1890)

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

SWING BEAM ASSEMBLY

STEP 2

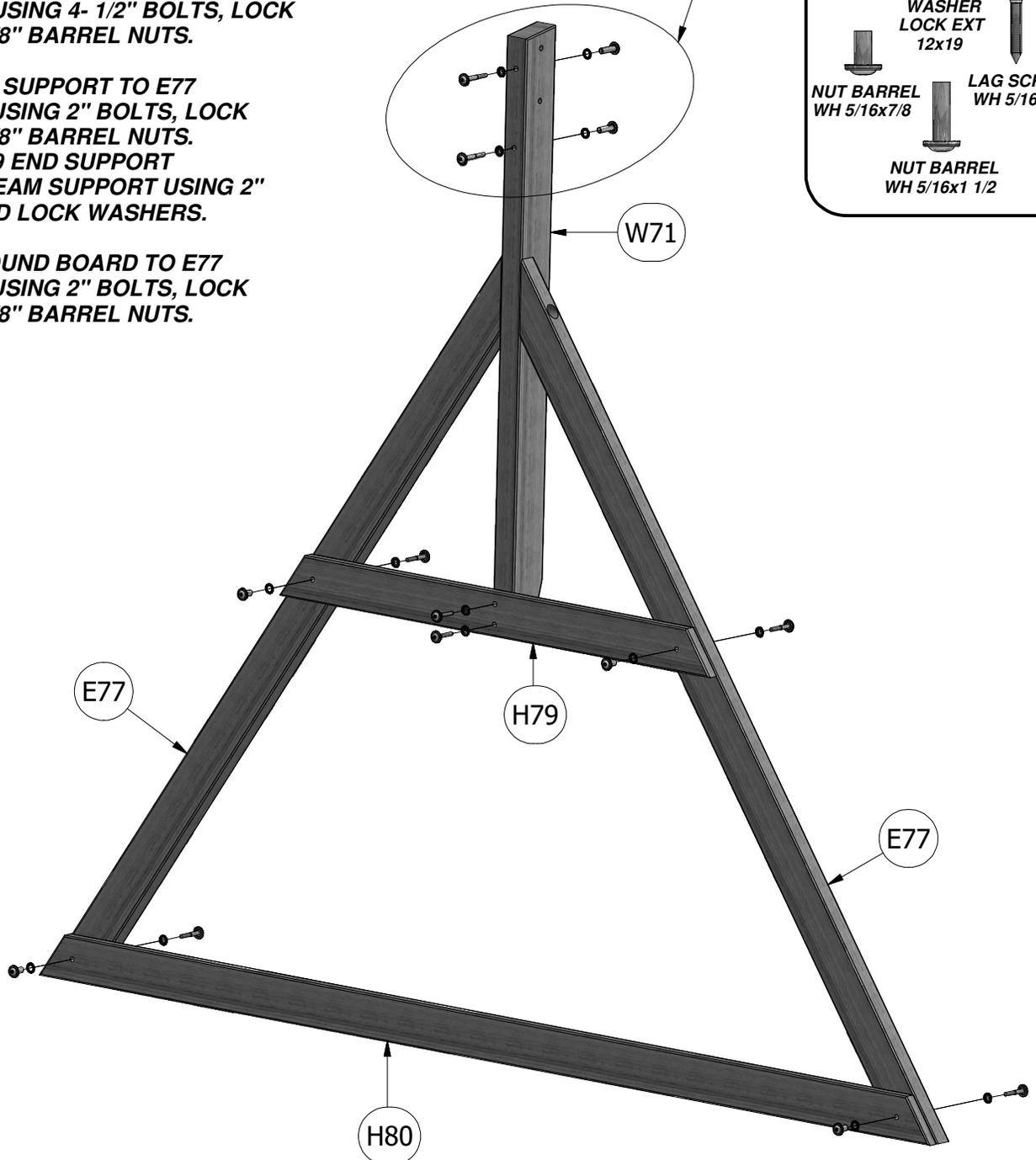
INSERT (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-1/2" BARREL NUTS INTO TOP EDGE OF W71 SWING BEAM SUPPORT, AS SHOWN.

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 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS.

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



STEP 3

SWING BEAM ASSEMBLY

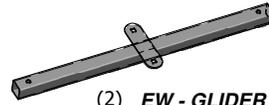
ATTACH (2) QZ TRIANGLE PLATES TO W71 SWING BEAM SUPPORT USING (2) 1-3/4" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS (FIG.1).

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).



(2) EW - GLIDER SUPPORT BYD GREEN - A100065



(4) EX - GLIDER BUSHING BYD GREEN - A100066



(4) EY - TUBING CAP GLIDER SUPPORT - A100067

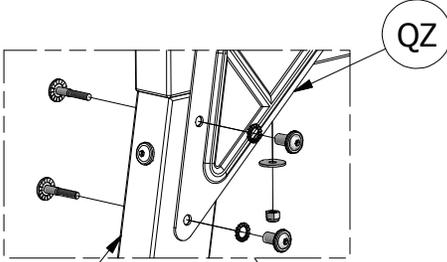
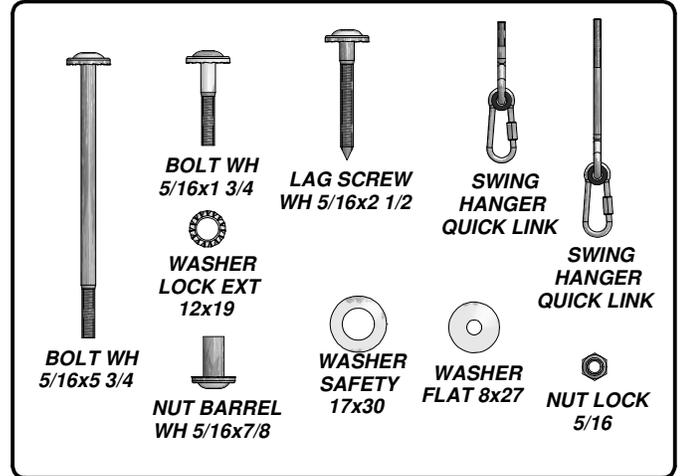


FIG. 1

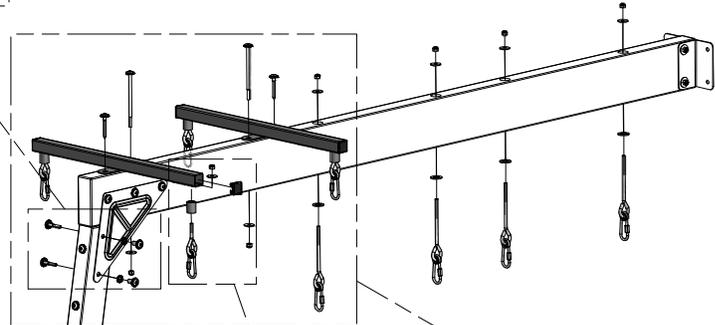


FIG. 2

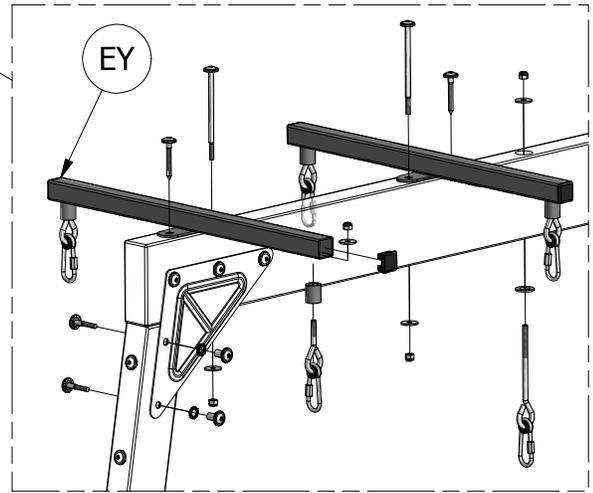


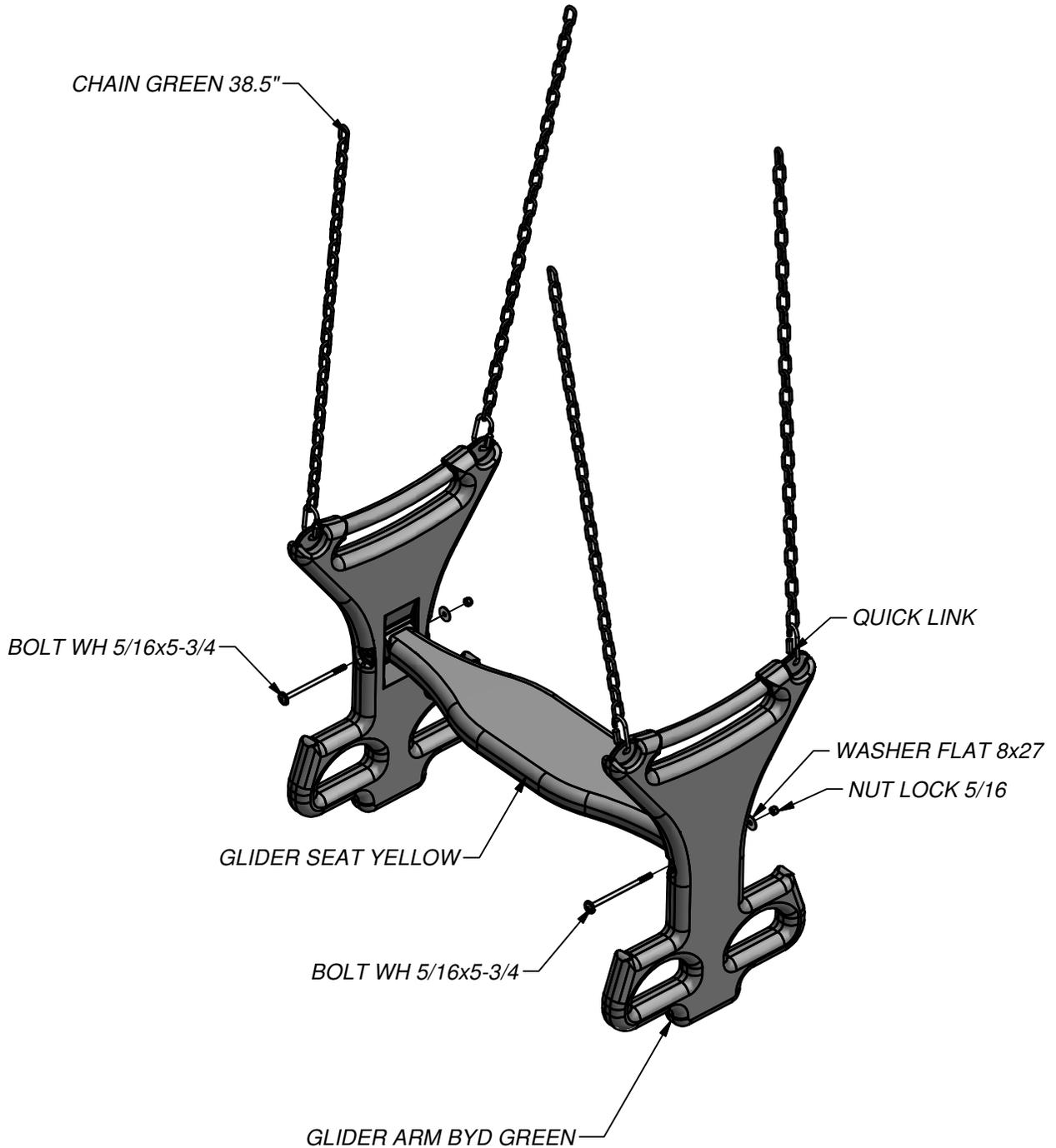
FIG. 3

YELLOW & GREEN GLIDER 38.5"

Notes

- Assemble with accessories as shown.

QTY.	DESCRIPTION	LABEL
2	5/16 LOCK NUT	CJ
2	8x27 FLAT WASHER	CD
2	BOLT WH 5/16x5-3/4	AE
4	QUICKLINK	FA
2	GREEN ARM GLIDER	DK
1	YELLOW SEAT	DL
4	38.5" GREEN CHAIN	DG

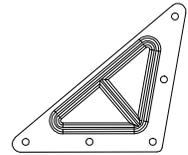




(2) E71 - MONKEY BAR RAIL - W102369
1 3/8"x3 3/8"x60 5/8" (36x86x1539)



(4) EJ - L BRACKET 54x67 - A100053



(2) QZ - TRIANGLE PLATE 100 5 HOLE - A100294

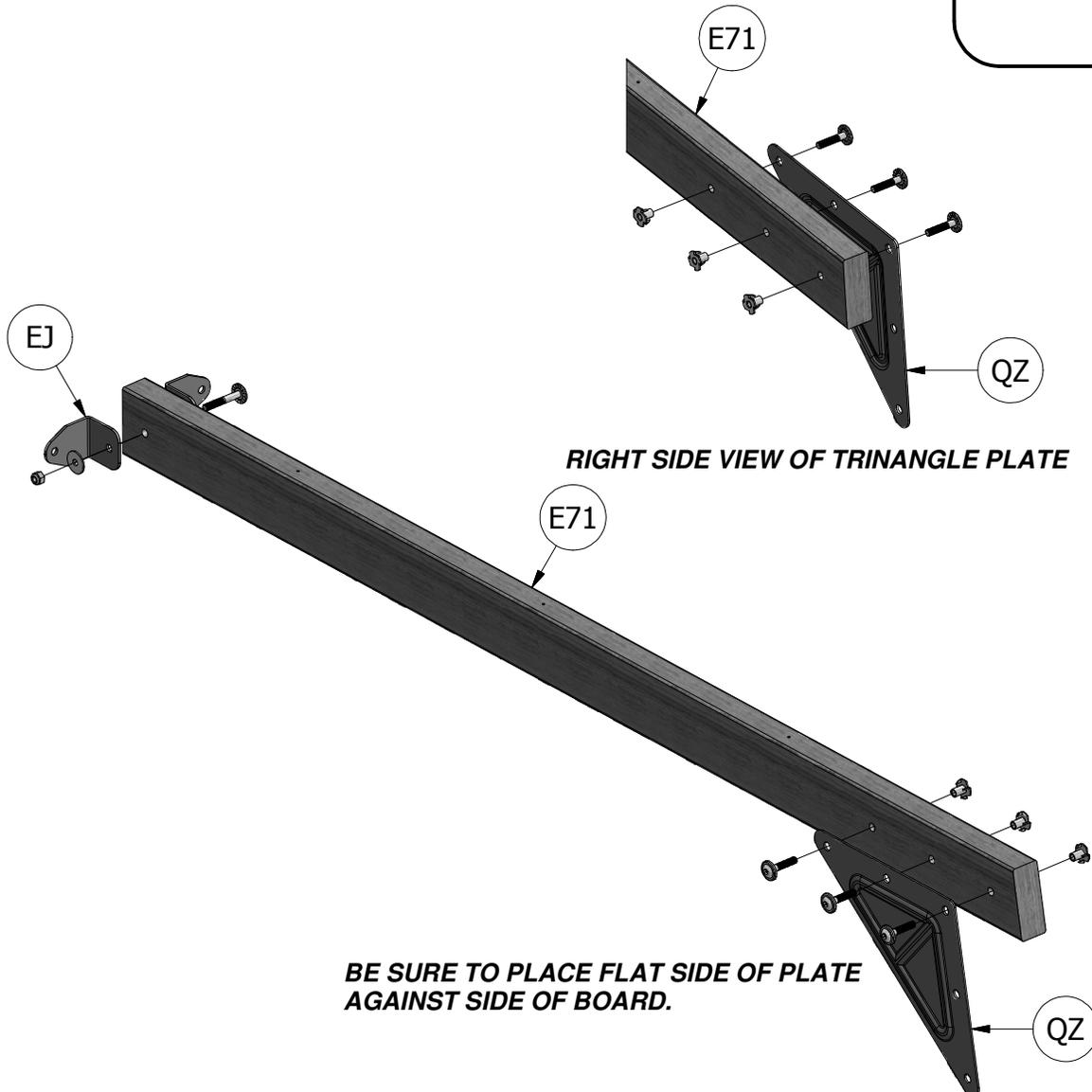
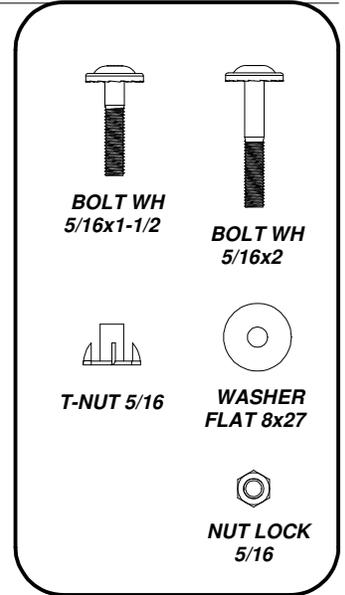
MONKEY BAR ASSEMBLY

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.



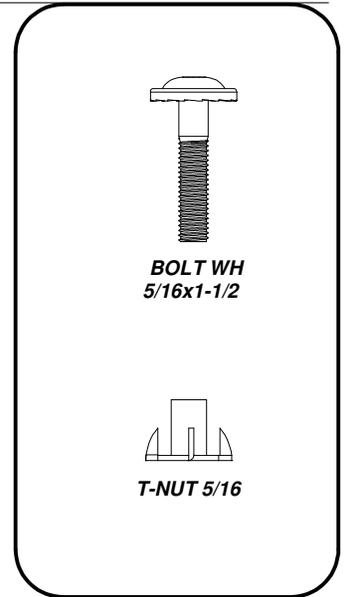
(2) **E78 - MONKEY BAR UPRIGHT - W102370**
1 3/8"x3 3/8"x74 3/4" (36x86x1900)

MONKEY BAR ASSEMBLY

STEP 2

ASSEMBLE WITH HARDWARE AS SHOWN.

REPEAT PROCESS FOR OTHER SIDE OF MONKEY BAR ASSEMBLY.



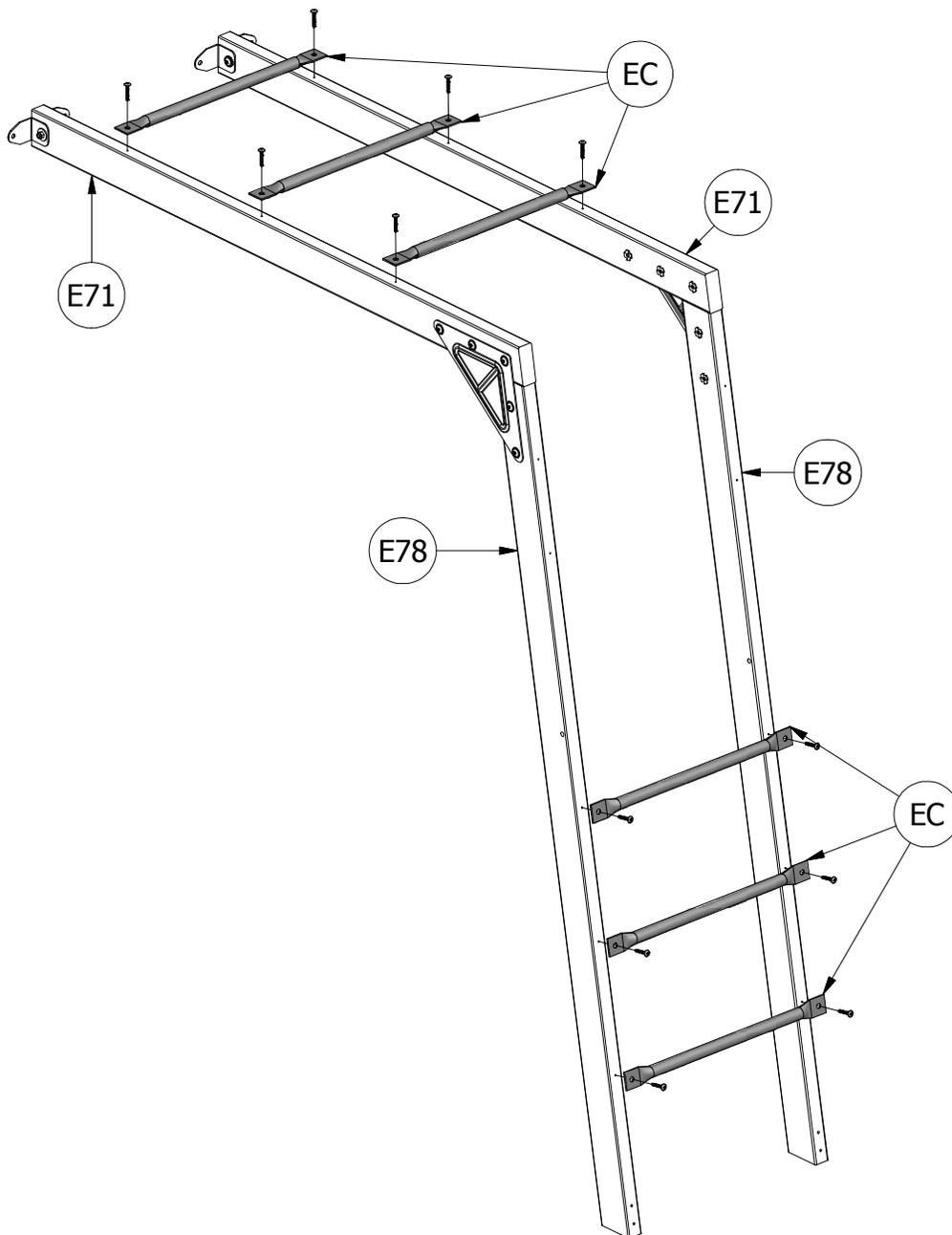


(6) EC - METAL RUNG 559 - A100045

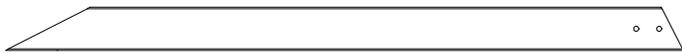
MONKEY BAR ASSEMBLY

STEP 3

ASSEMBLE AS SHOWN INTO PRE-DRILLED HOLES.



SCREW
TAPPING
14x1-1/2

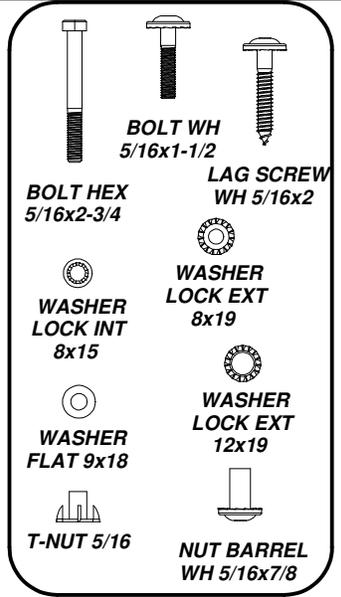


(2) **H81 - MONKEY BAR BRACE - W100993**
1"x3 3/8"x53 1/4" (24x86x1352)



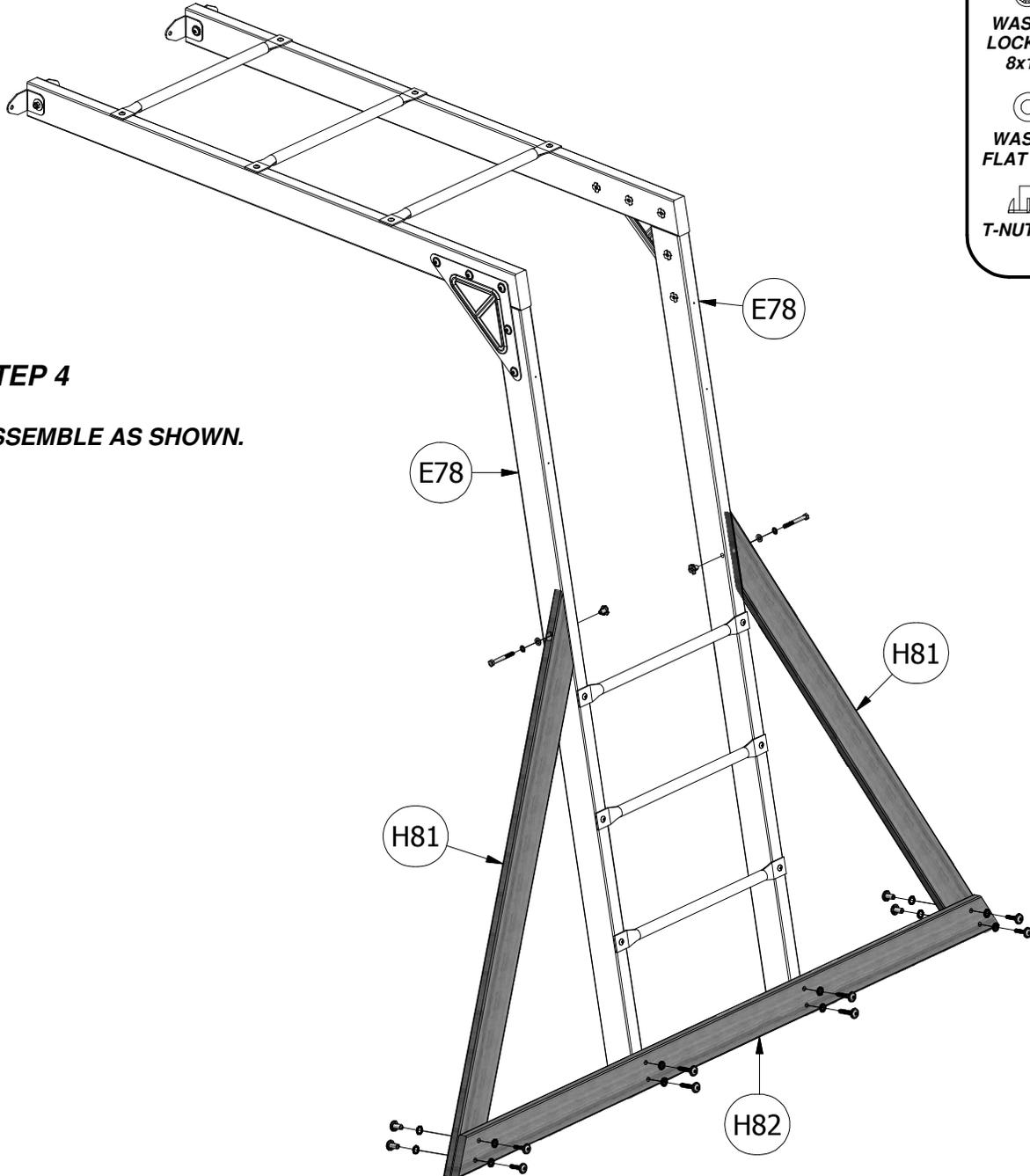
(1) **H82 - MONKEY BAR GROUND BOARD - W100994**
1"x3 3/8"x70 3/8" (24x86x1786)

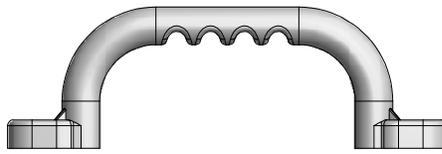
MONKEY BAR ASSEMBLY



STEP 4

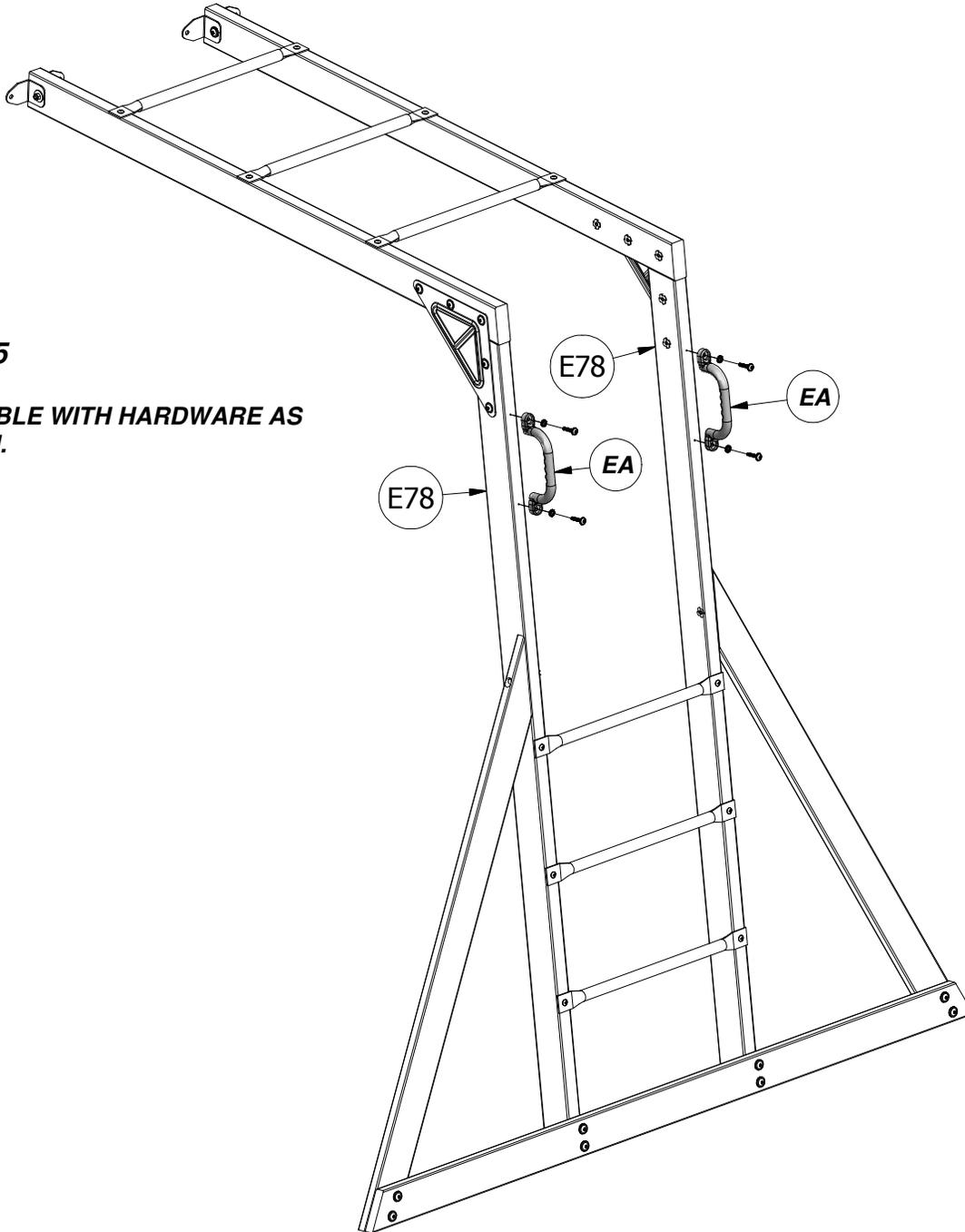
ASSEMBLE AS SHOWN.





(2) EA - HAND GRIP YELLOW PLASTIC - A100043

MONKEY BAR ASSEMBLY



STEP 5

ASSEMBLE WITH HARDWARE AS SHOWN.



**LAG SCREW
WH 1/4x1-1/2**



**WASHER
LOCK EXT
6x15**

Fort Assembly

Phase 1

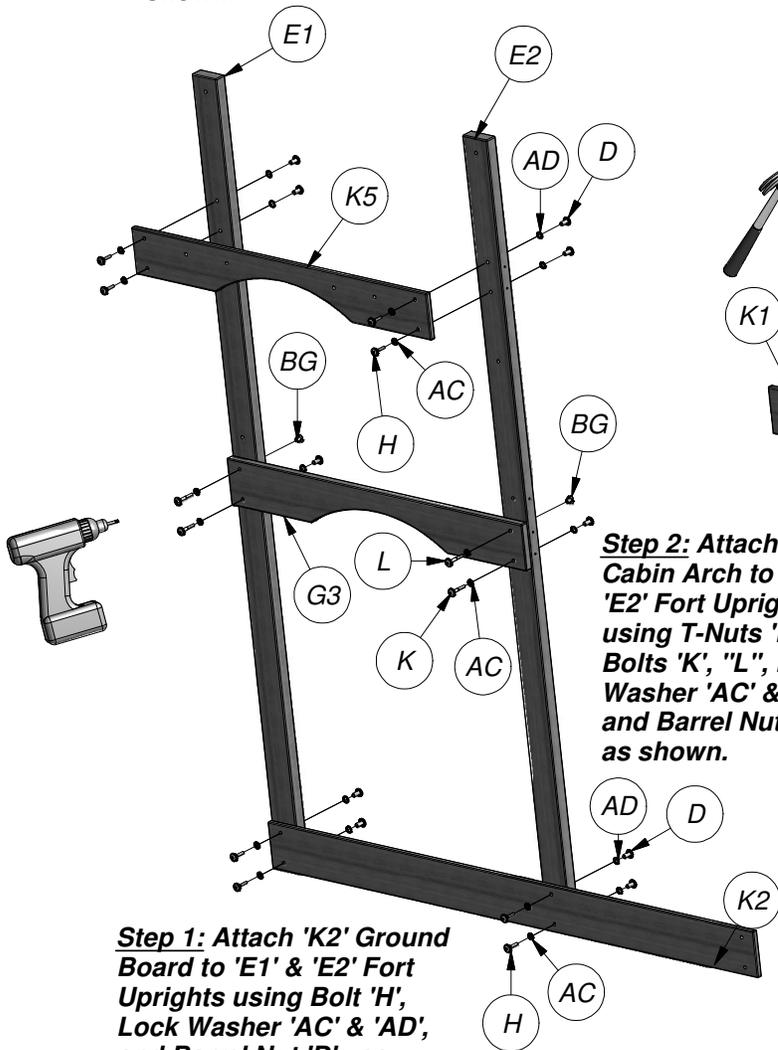
Parts needed:

- (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) G3 - CABIN ARCH - W101096
- (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 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.



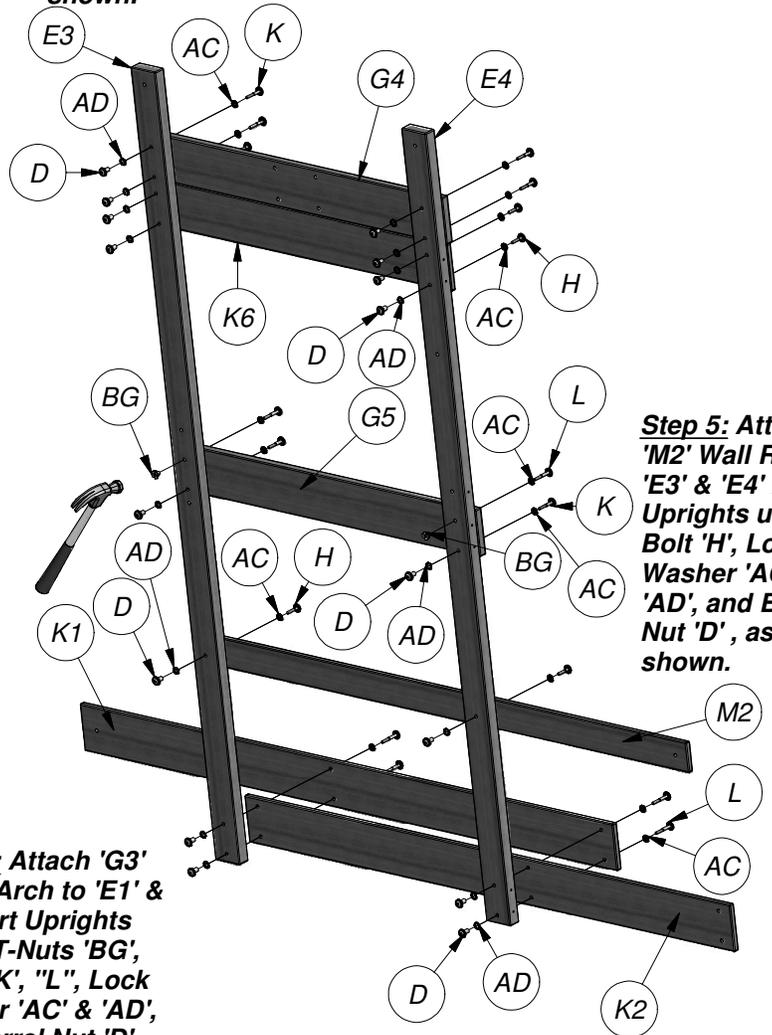
Step 1: Attach 'K2' Ground Board to 'E1' & 'E2' Fort Uprights using Bolt 'H', Lock Washer 'AC' & 'AD', and Barrel Nut 'D', as shown.

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.

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

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.



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

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

Hardware needed:

- (24) Z - LAG SCREW WH 5/16x2 - H100027
- (24) AC - WASHER LOCK EXT 8x19 - H100030
- (2) - SCREW PWH 8x5/8 - H100128

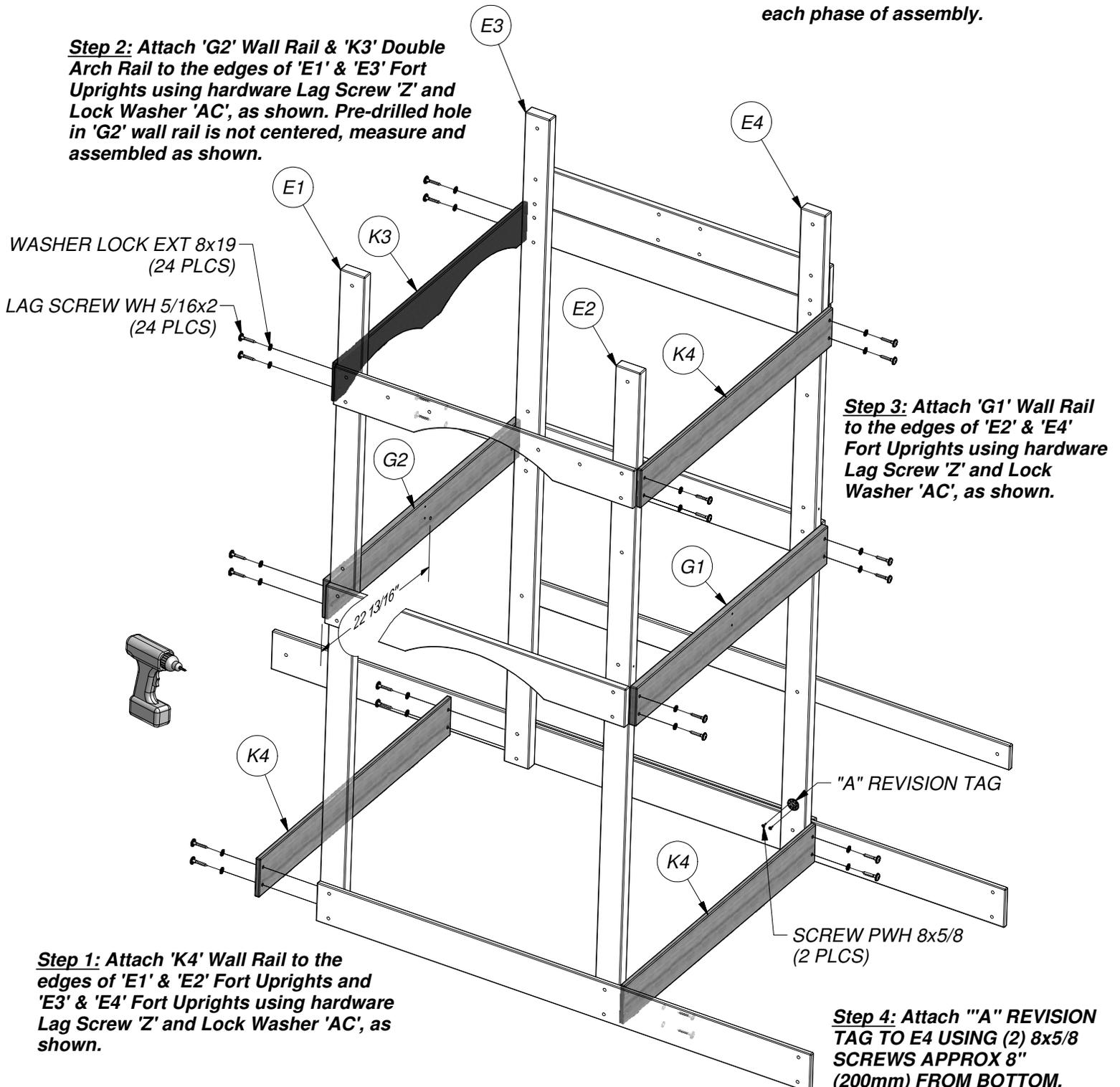
Phase Notes

- Assemble with hardware as shown.



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

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.

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 4: Attach "A" REVISION TAG TO E4 USING (2) 8x5/8 SCREWS APPROX 8" (200mm) FROM BOTTOM.

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:

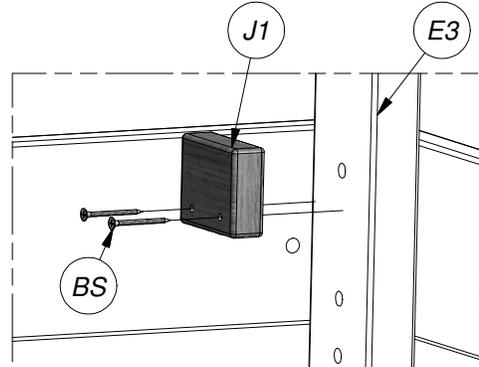
- (66) BP - SCREW PFH 8x1-1/2 - H100086
- (8) BS - SCREW PFH 8x1-3/4 - H100089
- (4) CK - SCREW PFH 8x2 - H100111

Phase Notes

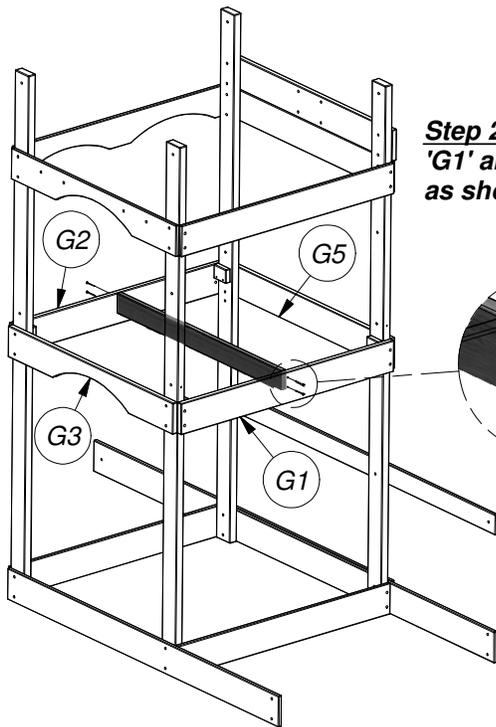
- Assemble with hardware as shown.



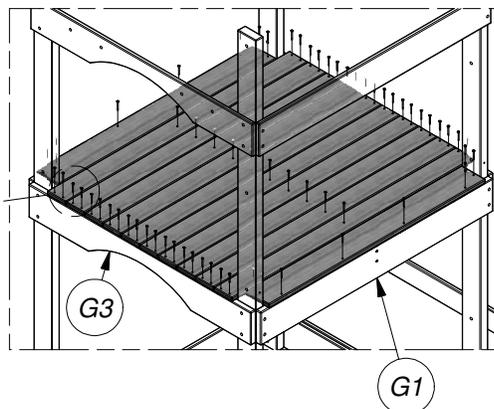
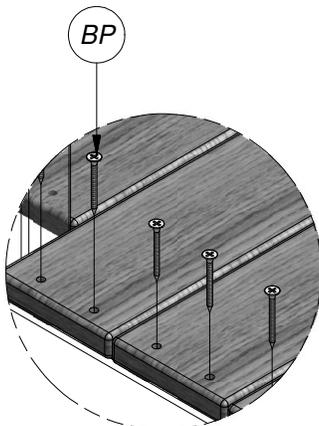
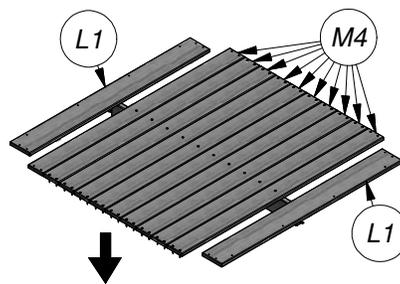
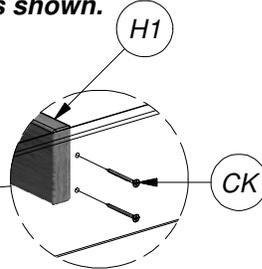
Note: It is vital that the fort be level before and after each phase of assembly.



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.



Step 3: Place Outer Floor Boards 'L1' and 'M4' Floor Boards on boards 'G1', 'G2', 'G3', & 'G5' as shown. Attach floor boards using Screws 'BP' 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

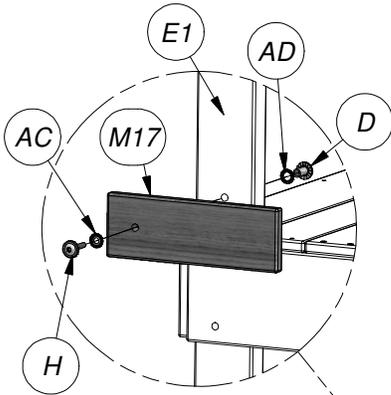
Phase Notes

- Assemble with hardware as shown.



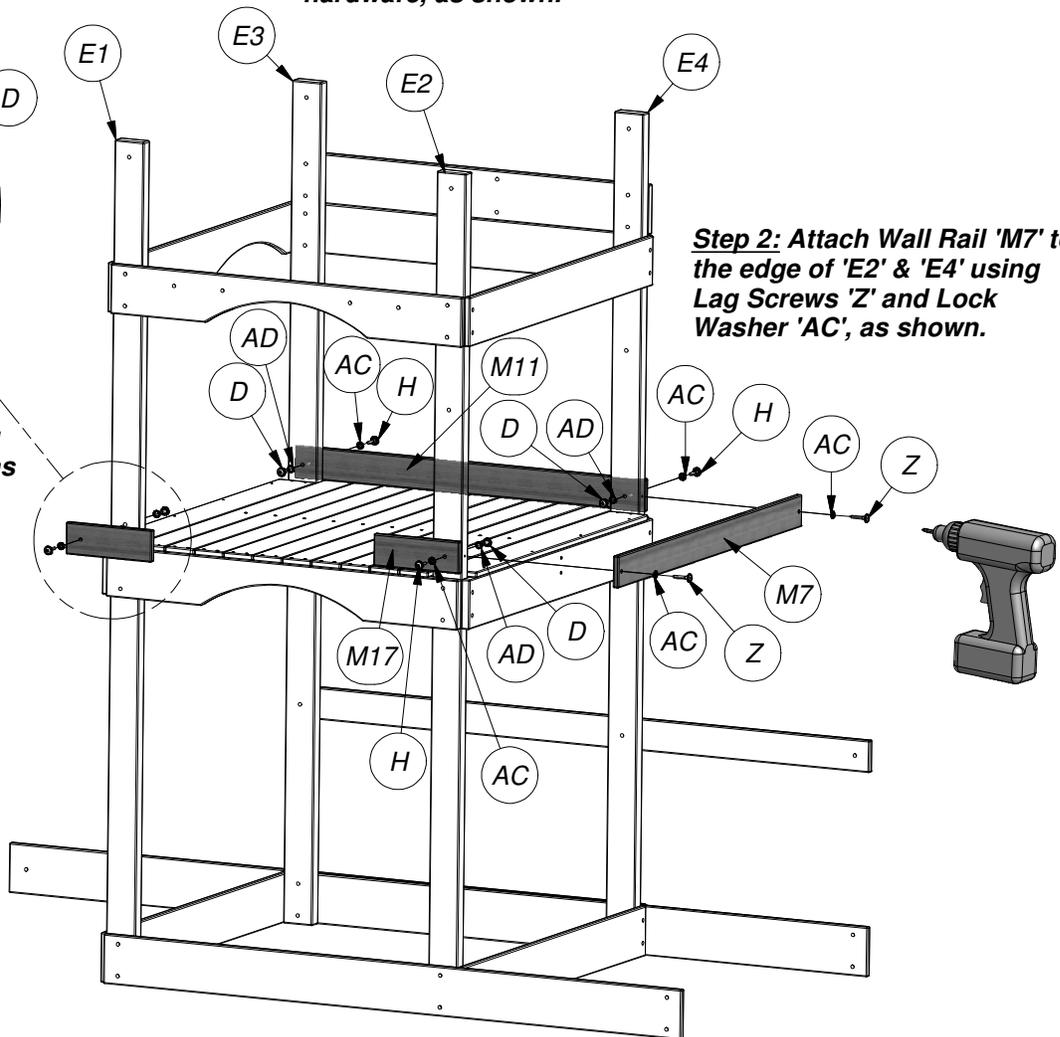
Note: It is vital that the fort be level before and after each phase of assembly.

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



Step 3: Attach Wall Rail 'M17' to 'E1' & 'E2' 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.



Fort Assembly

Phase 5

Parts needed:

- (1) M3 - ANGLE BRACE - W101121

Hardware needed:

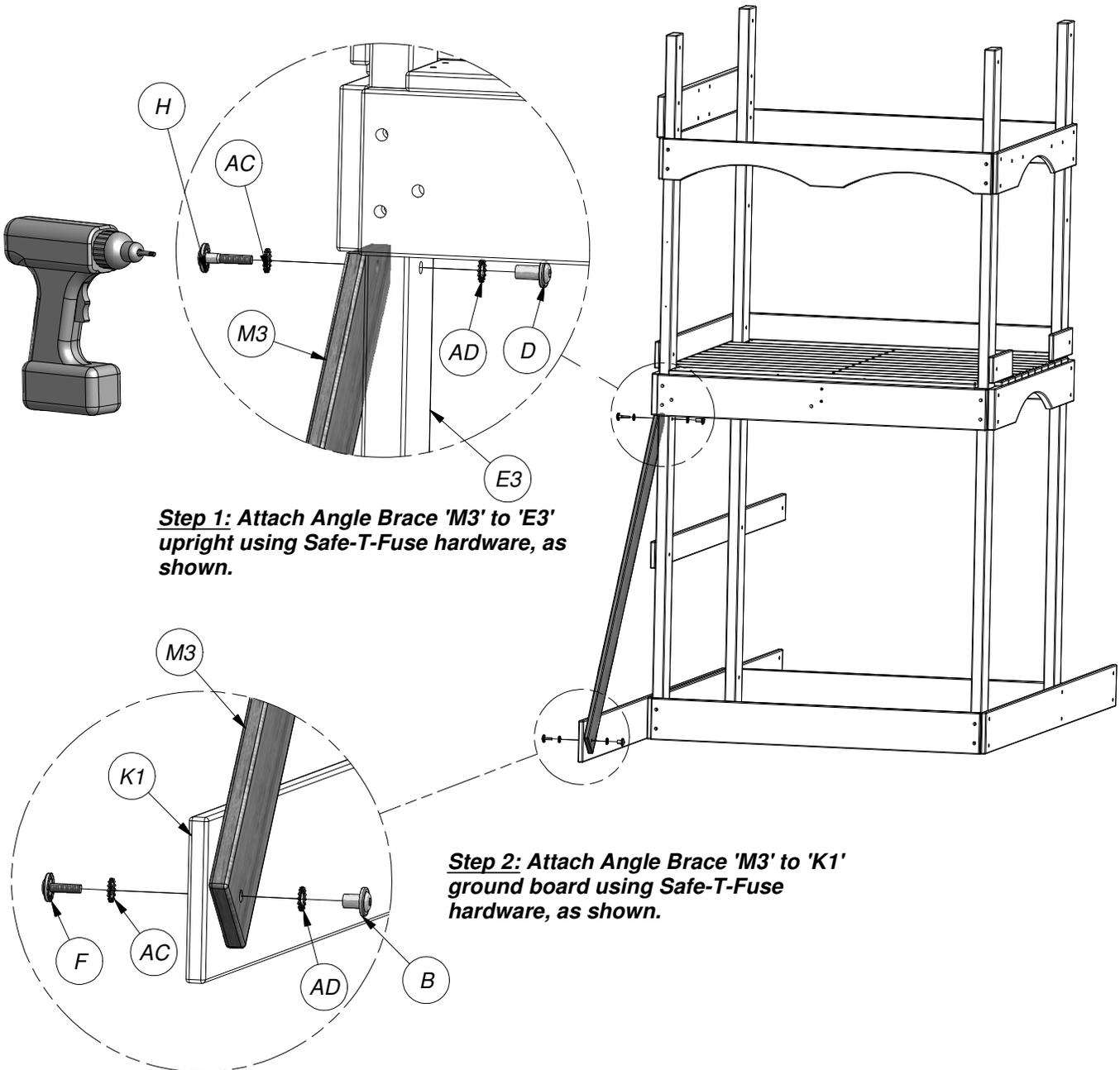
- (2) AC - WASHER LOCK EXT 8x19 - H100030
- (2) AD - WASHER LOCK EXT 12x19 - H100031
- (1) H - BOLT WH 5/16x1-1/2 - H100010
- (1) B - NUT BARREL WH 5/16x5/8 - H100004
- (1) F - BOLT WH 5/16x1 - H100008
- (1) D - NUT BARREL WH 5/16x7/8 - H100005

Phase Notes

- Assemble with hardware as shown.



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



Fort Assembly

Phase 6

Parts needed:

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

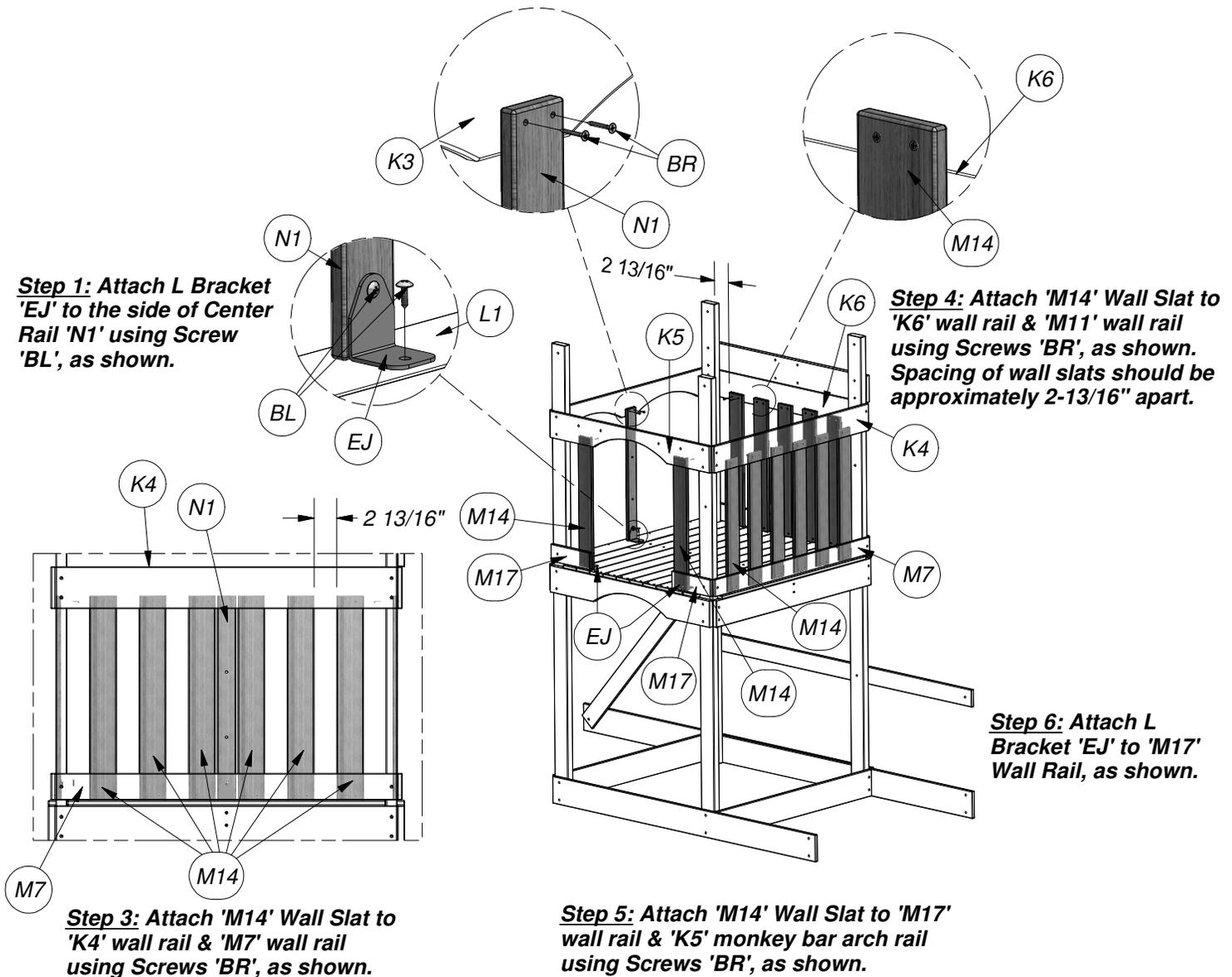
Hardware needed:

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

Phase Notes

- Assemble with hardware as shown.

Step 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.



Fort Assembly

Phase 7

Parts needed:

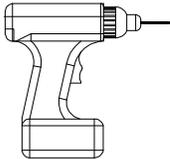
- (2) EA - HAND GRIP YELLOW PLASTIC - A100043

Phase Notes

- Assemble with hardware as shown.

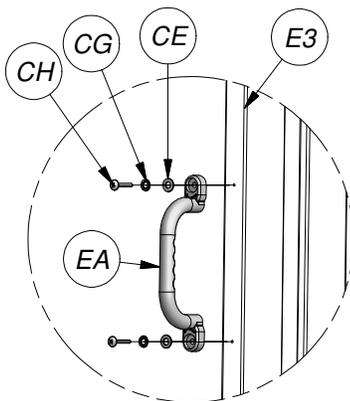
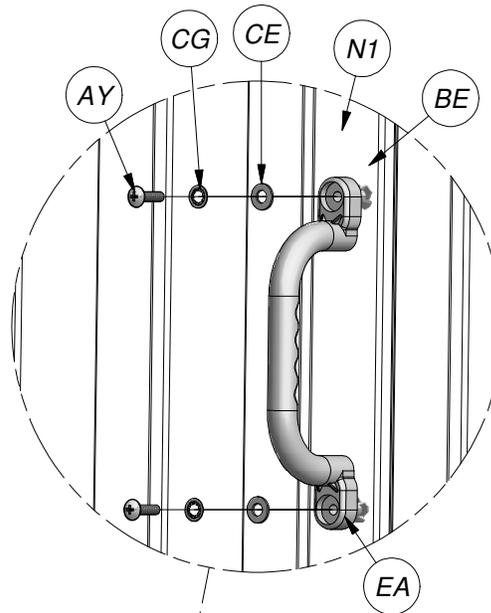
Hardware needed:

- (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

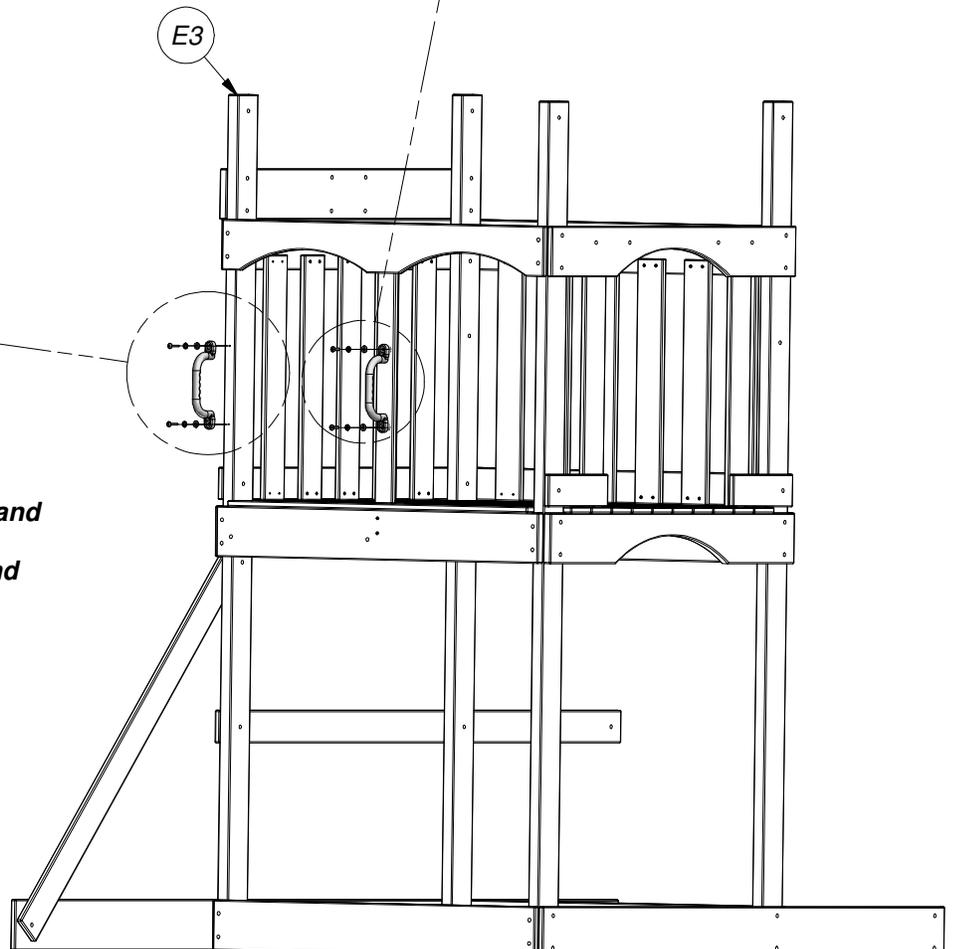


To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

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

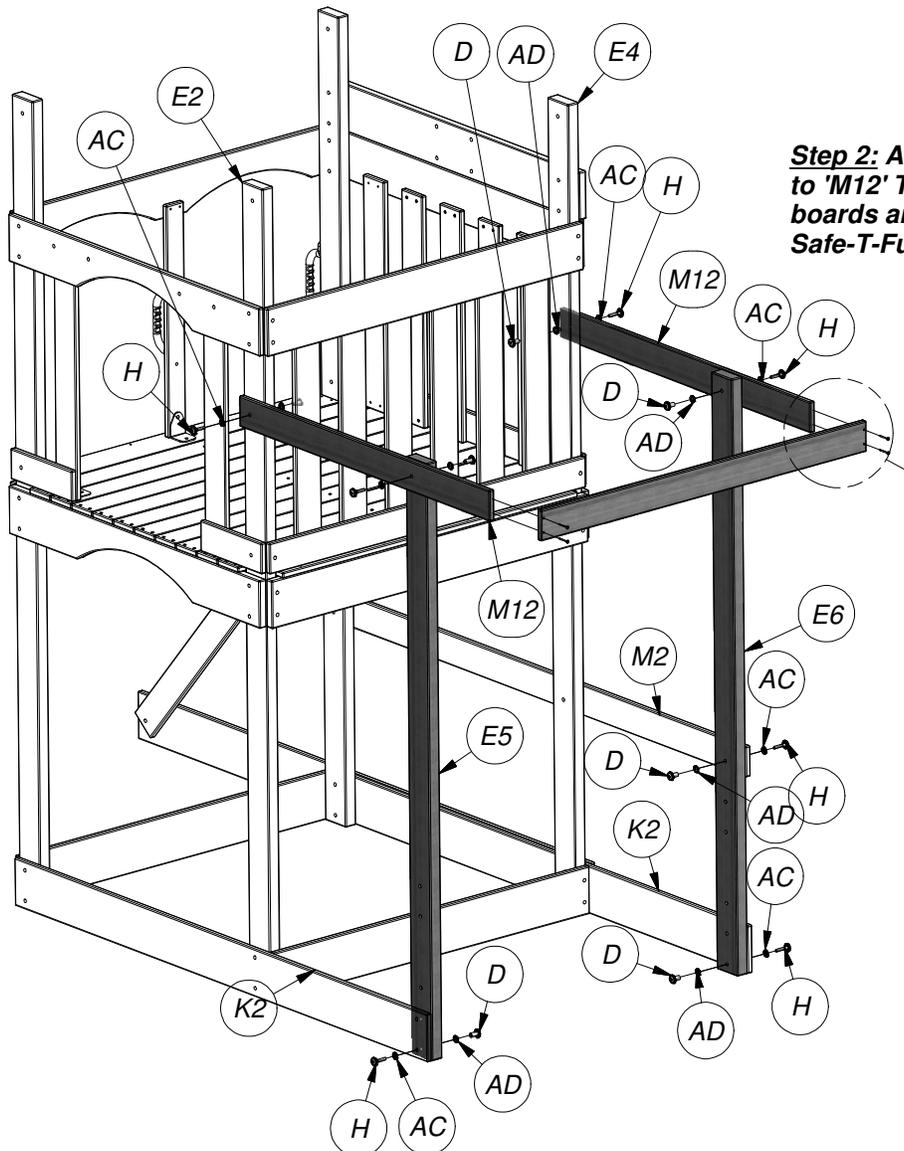
Phase Notes

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

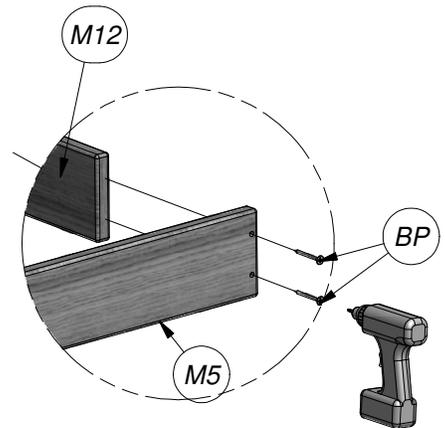


Note: It is vital that the fort be level before and after each phase of assembly.

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:

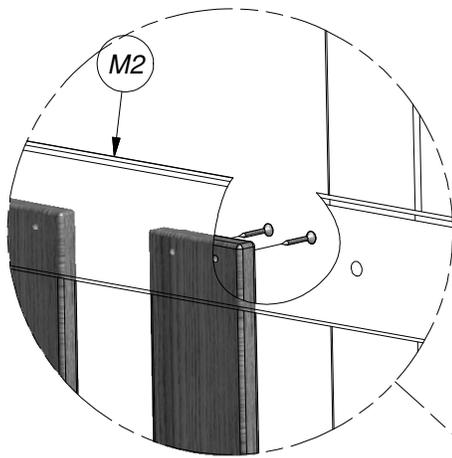
- (8) M15 - WALL SLAT - W101126

Hardware needed:

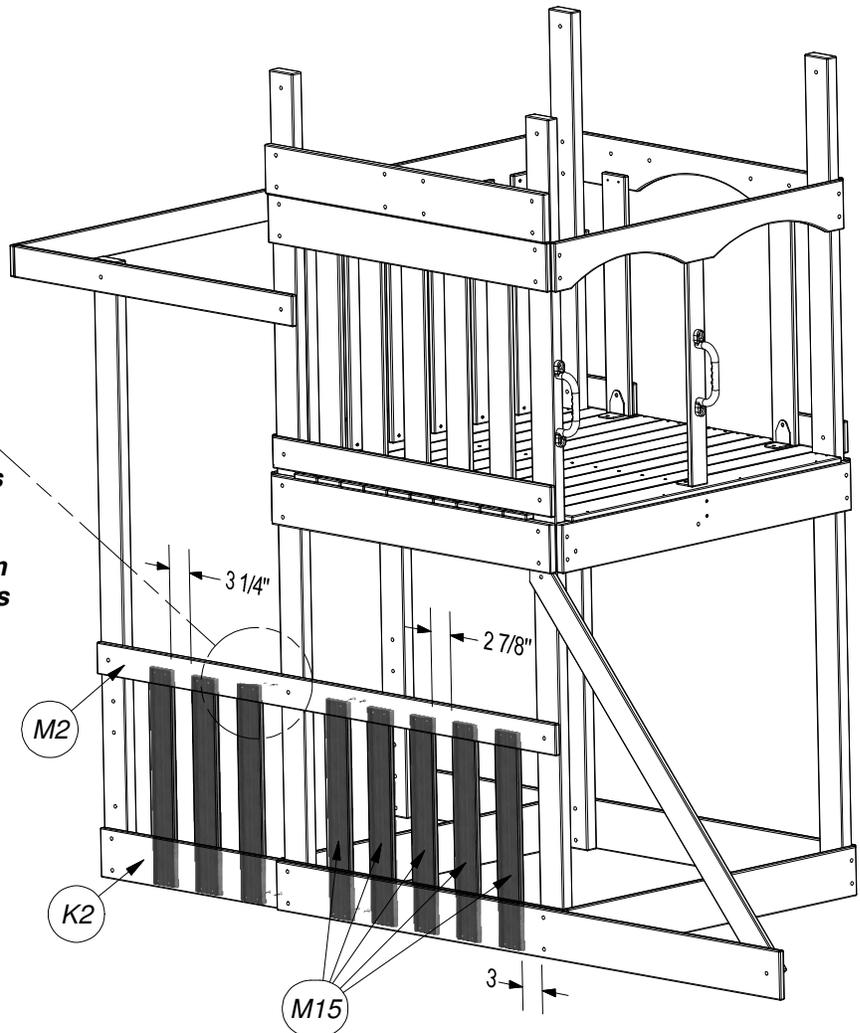
- (32) BR - SCREW PFH 8x1-1/8 - H100088

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:

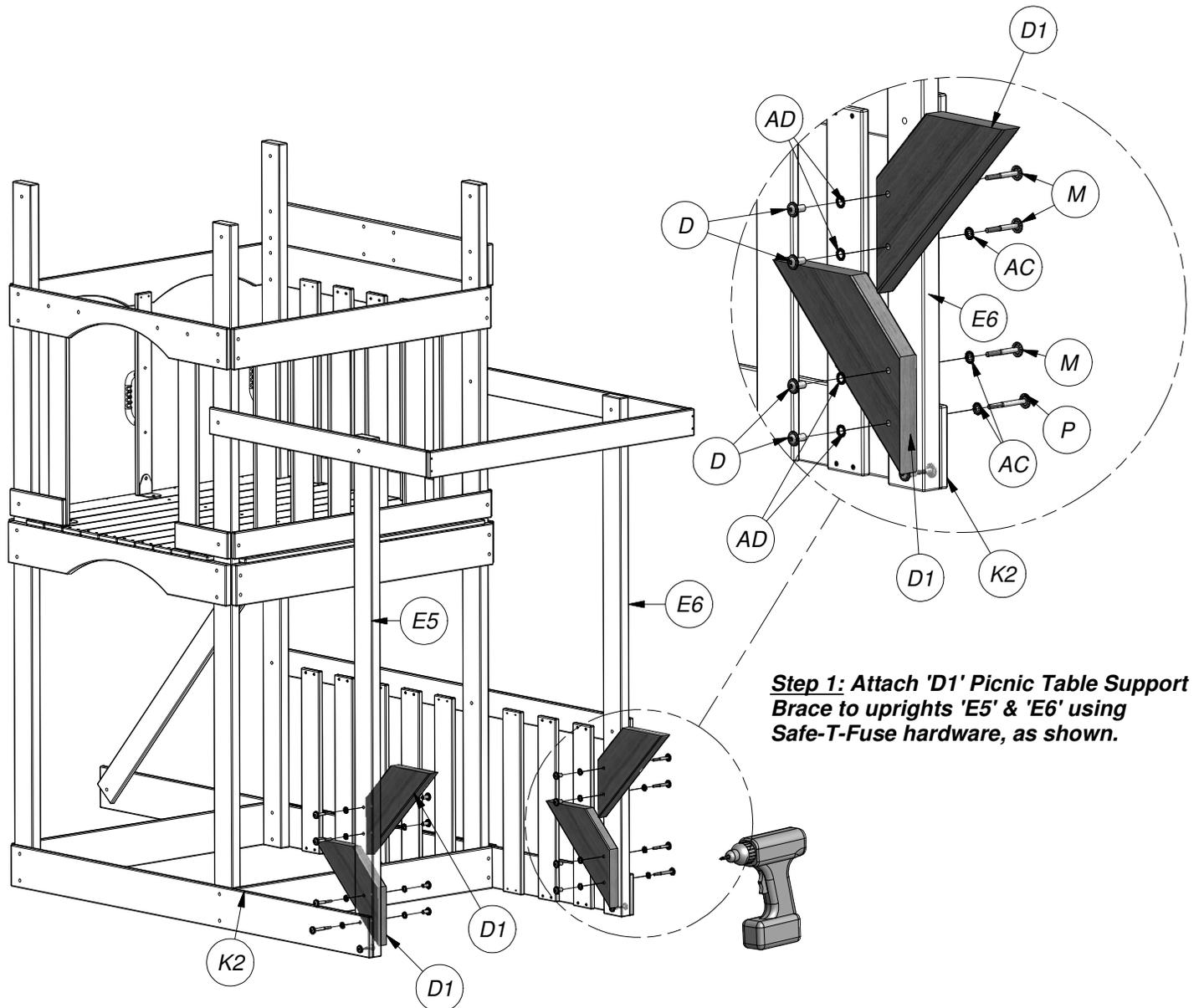
- (4) D1 - PICNIC TABLE SUPPORT BRACE - W101117

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



Fort Assembly

Phase 11

Parts needed:

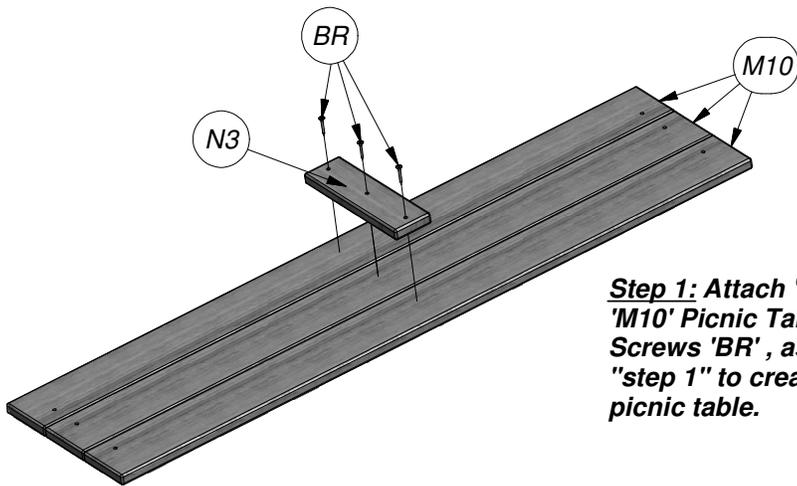
- (6) M10 - PICNIC TABLE BOARD - W101118
- (2) N3 - TIE SLAT - W101119

Hardware needed:

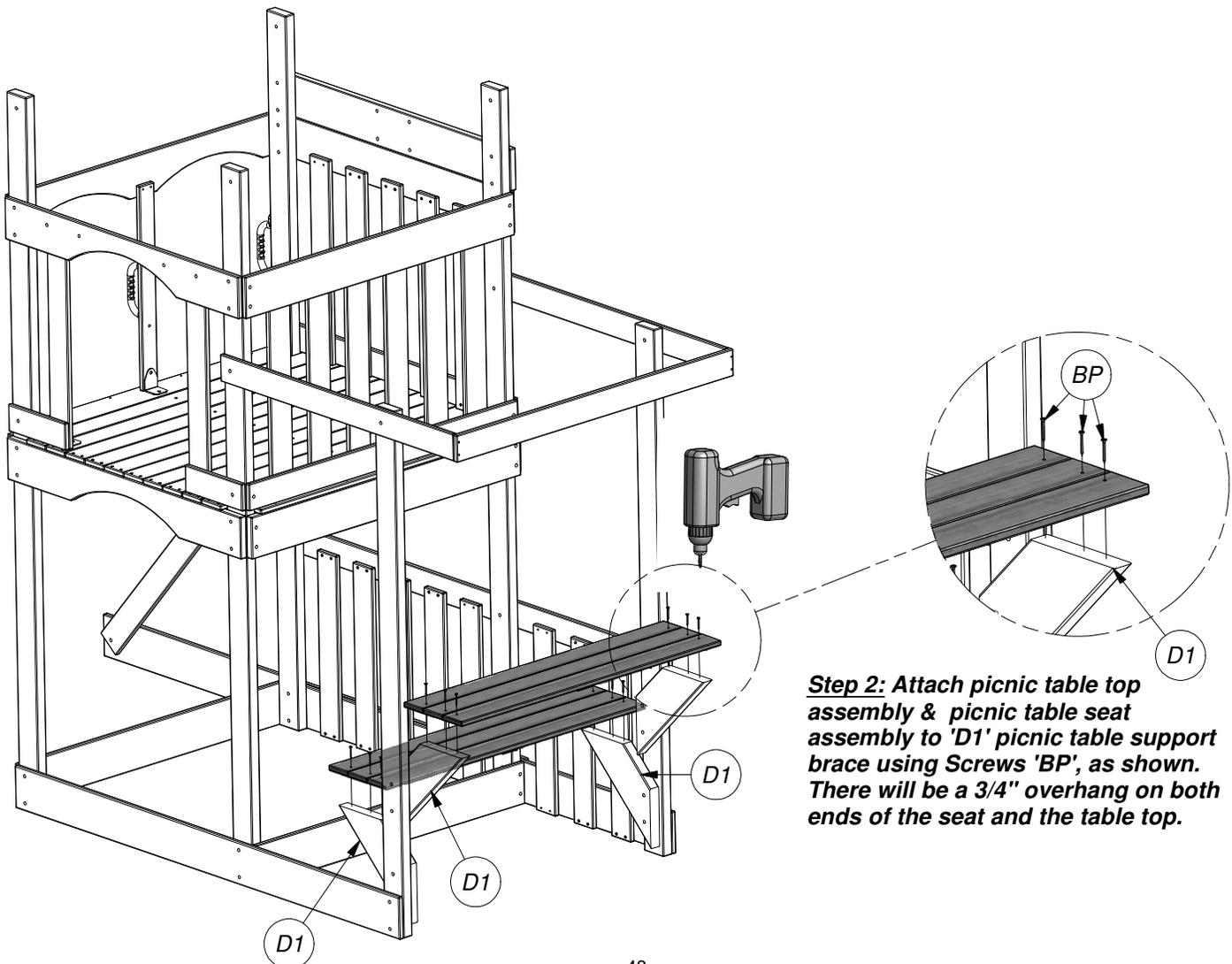
- (12) BP - SCREW PFH 8x1-1/2 - H100086
- (6) BR - SCREW PFH 8x1-1/8 - H100088

Phase Notes

- Assemble with hardware as shown.



Step 1: Attach 'N3' Tie Slate to 'M10' Picnic Table Board using Screws 'BR', as shown. Re-peat "step 1" to creat 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 - W101102

Hardware needed:

- (86) BR - SCREW PFH 8x1-1/8 - H100088

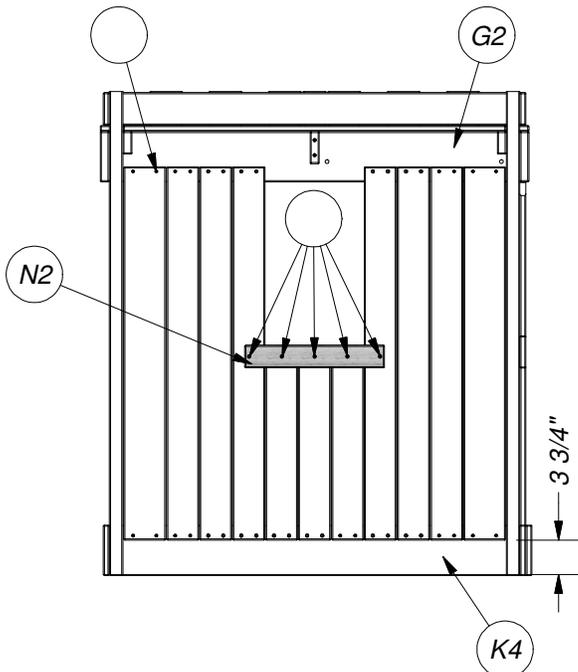
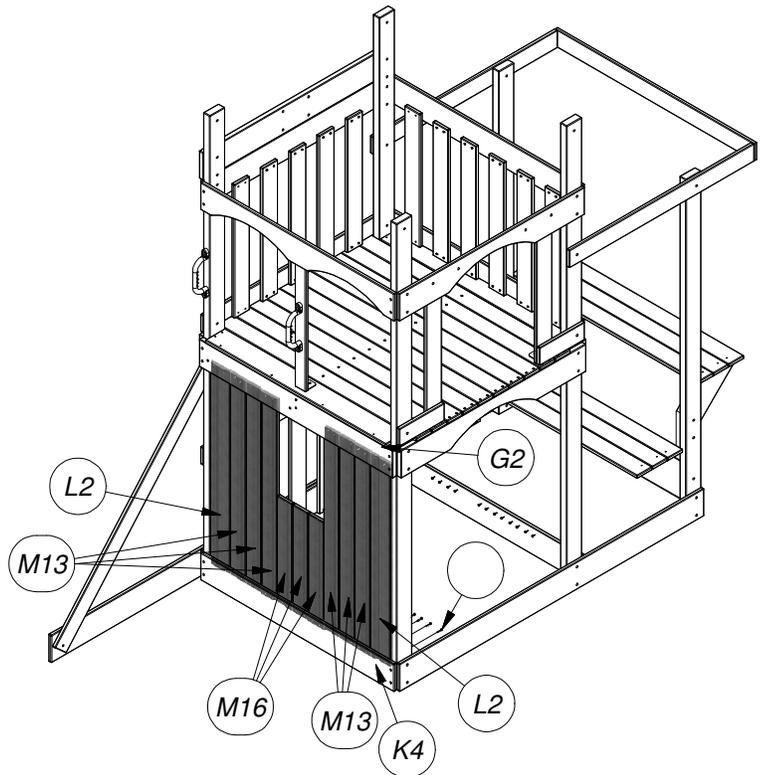
Phase Notes

- Assemble with hardware as shown.

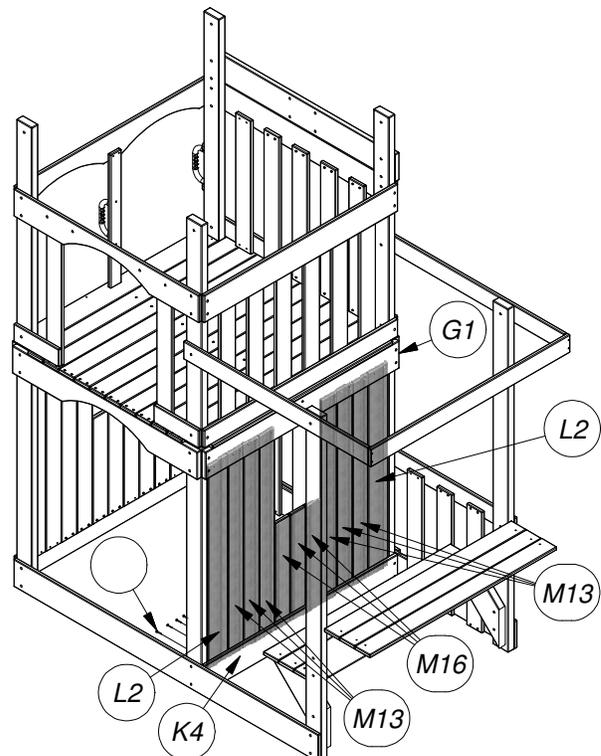


To prevent board splitting, you must pre-drill each board before attaching with a 1/8" drill bit.

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 Slat 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

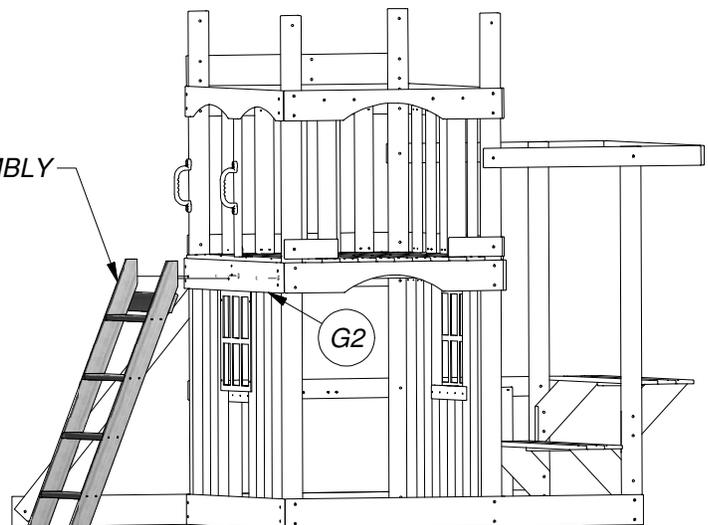
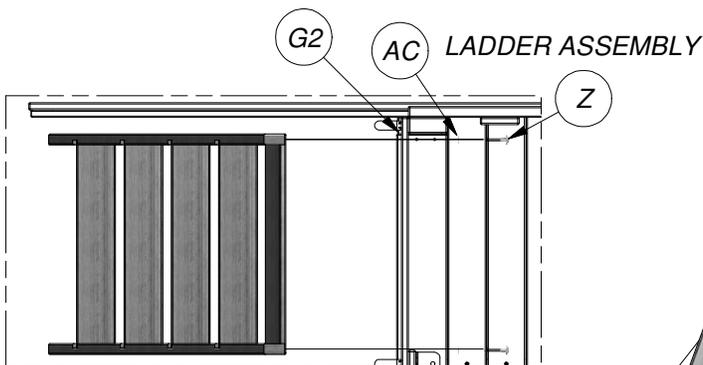
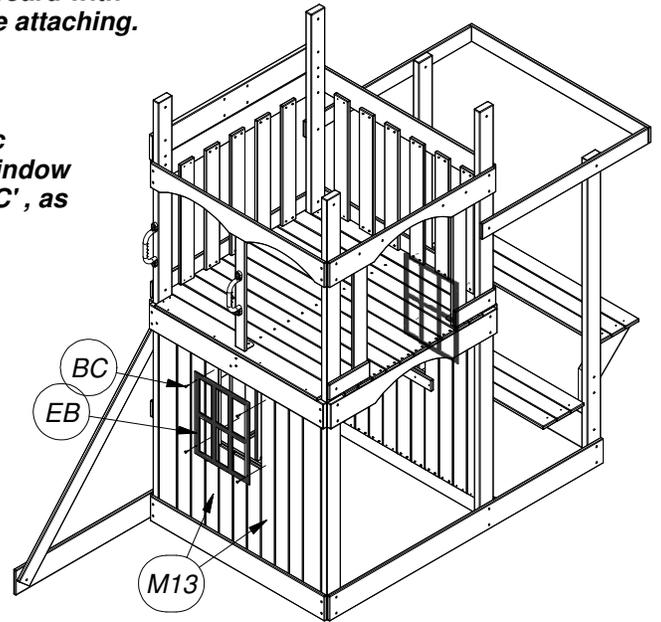
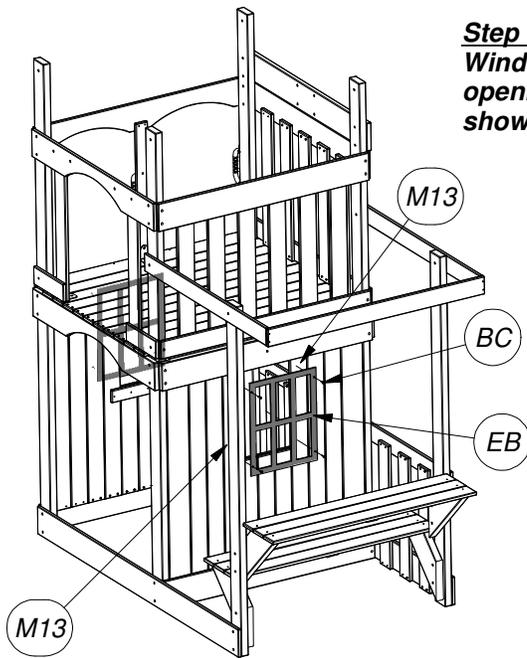
Phase Notes

- 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.

Fort Assembly

Phase 14

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) GF - MAGNETIC CATCH - A100145
- (1) GJ - STRIKE PLATE - A100145
- (3) GH - SCREW - A100145
- (2) FR - HINGE - A100093

Hardware needed:

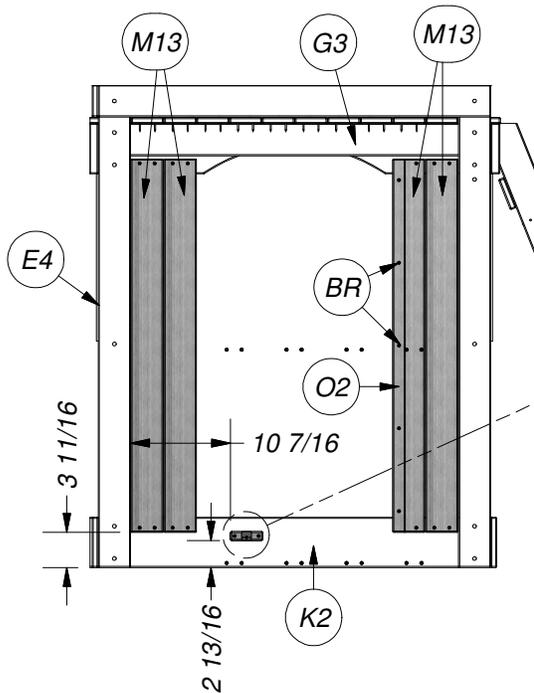
- (4) BC - SCREW PWH 8x3/4 - H100070
- (60) BR - SCREW PFH 8x1-1/8 - H100088
- (10) CX - SCREW PFH 4x5/8 - H100127

Phase Notes

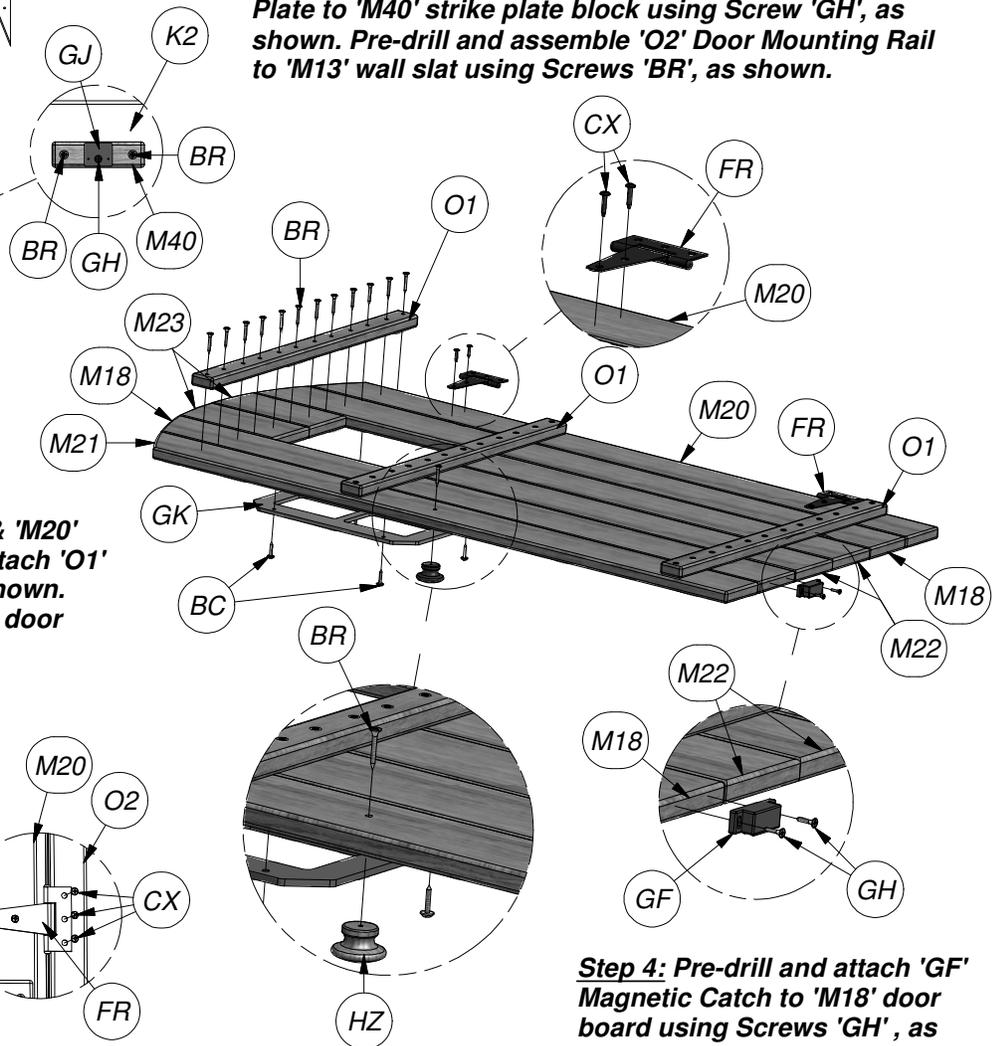
- Assemble with hardware as shown.



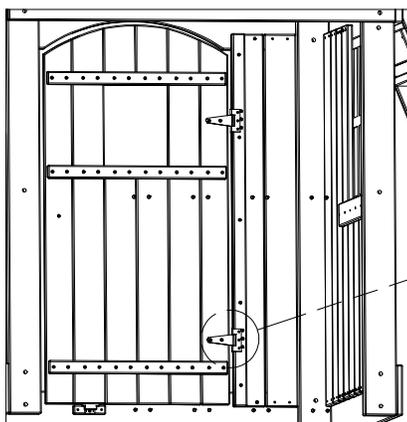
To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



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', 'M22', & '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 5: Pre-drill and attach Fort Door Assembly Hinges 'FR' to 'O2' Door Mounting Rail 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.

Fort Assembly Phase 15

Parts needed:

- (1) JZ - PICNIC TARP - A100143

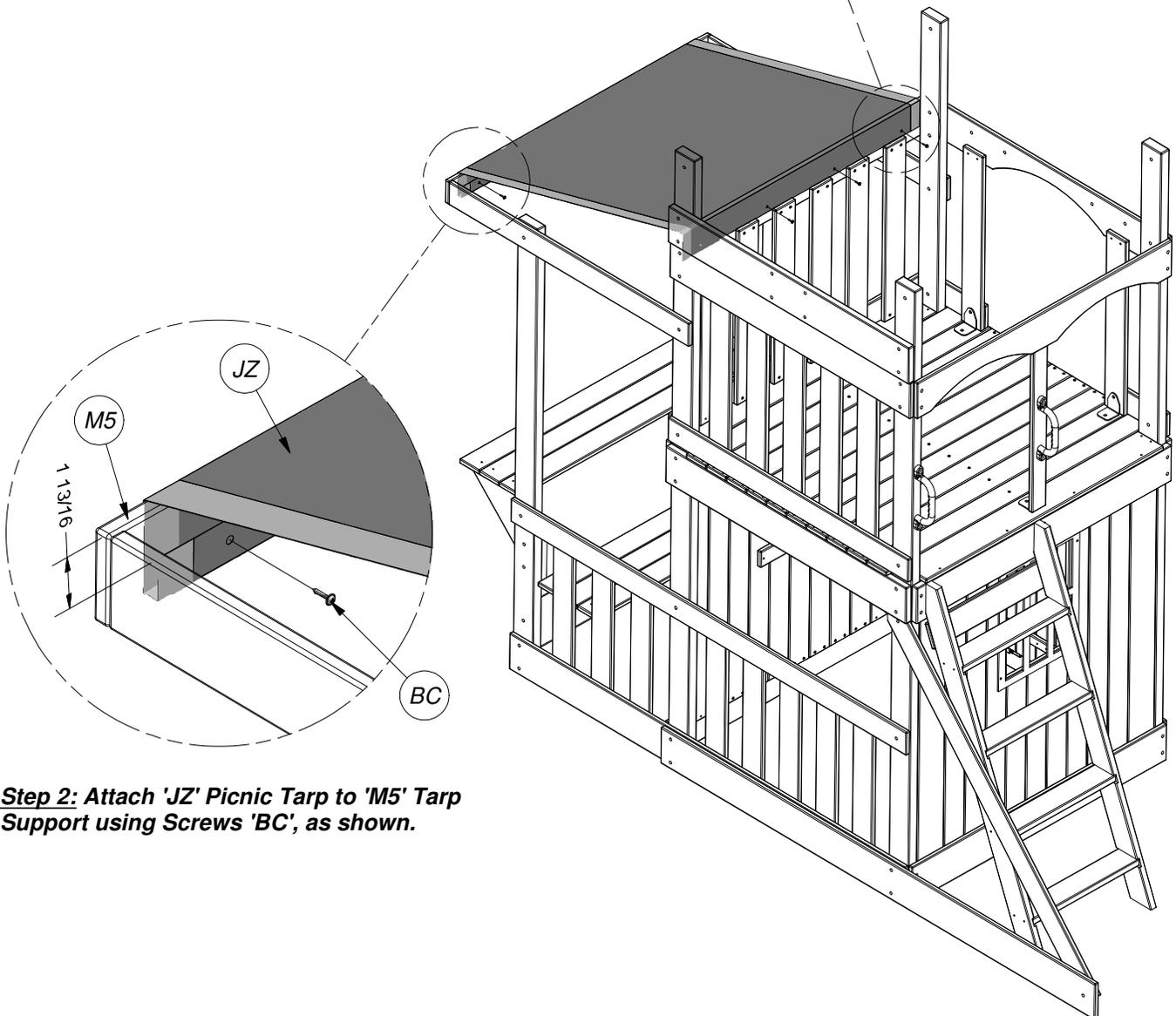
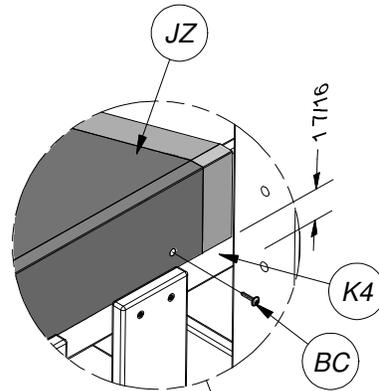
Hardware needed:

- (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:

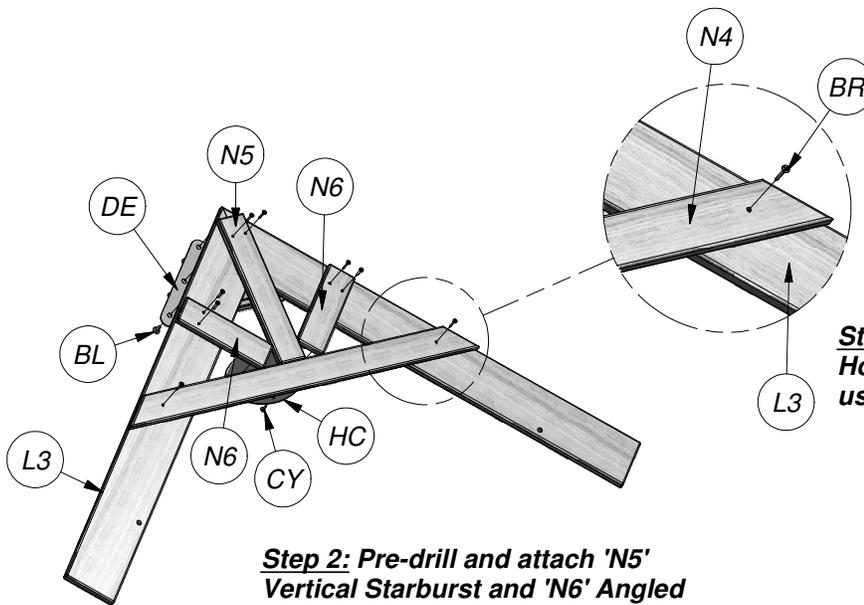
- (10) BL - SCREW TAPPING 14x3/4 - H100083
- (8) CY - SCREW PWH 8x5/8 - H100128
- (16) BR - SCREW PFH 8x1-1/8 - H100088

Phase Notes

- Assemble with hardware as shown.

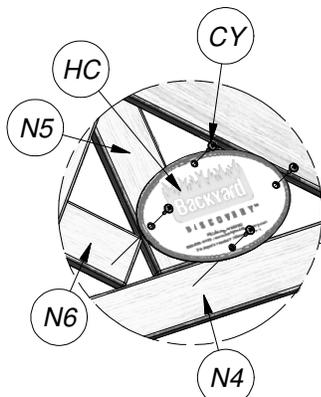


To prevent board splitting, you must pre-drill each board before attaching with a 1/8" drill bit.

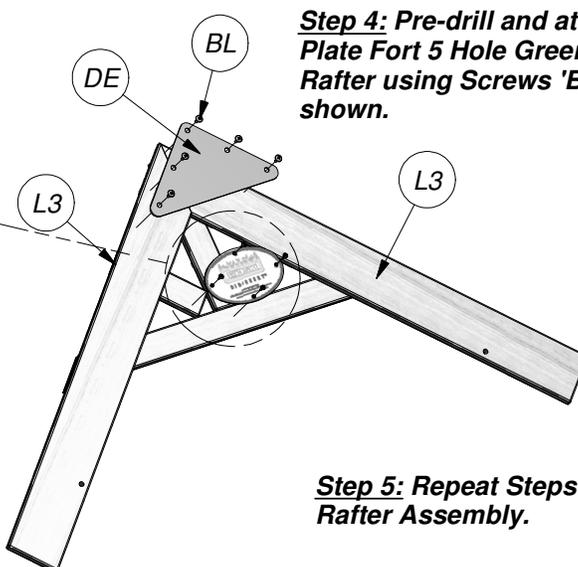


Step 1: Pre-drill and attach 'N4' Horizontal Starburst to 'L3' Rafter using Screws 'BR', as shown.

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.

Fort Assembly Phase 17

Parts needed:

- (24) K91 - ROOF SLAT - W100917

Hardware needed:

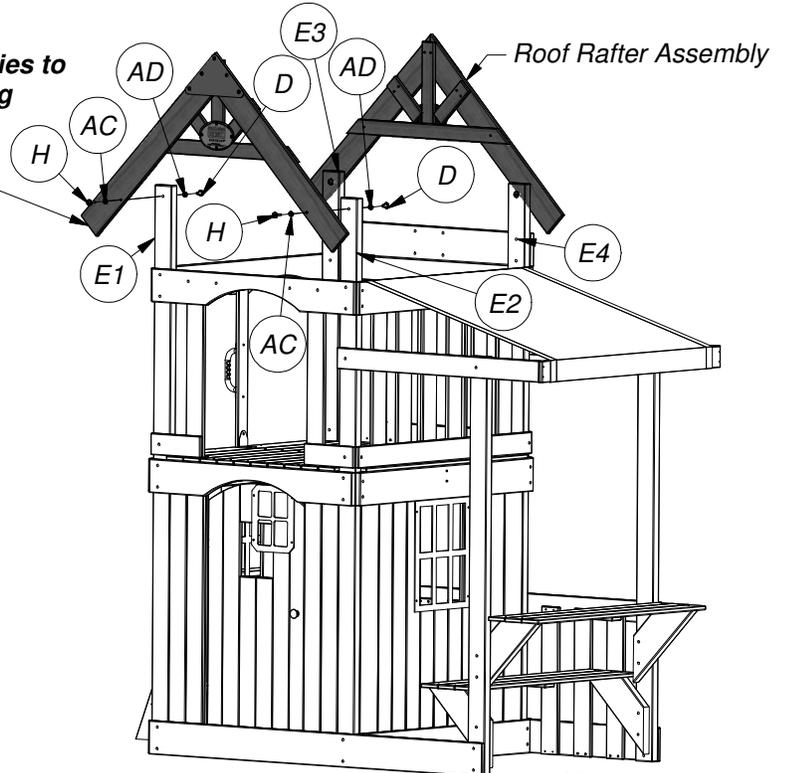
- (4) AC - WASHER LOCK EXT 8x19 - H100030
- (4) D - NUT BARREL WH 5/16x7/8 - H100005
- (4) AD - WASHER LOCK EXT 12x19 - H100031
- (4) H - BOLT WH 5/16x1-1/2 - H100010
- (48) BQ - SCREW PFH 8x1-1/4 - H100087

Phase Notes

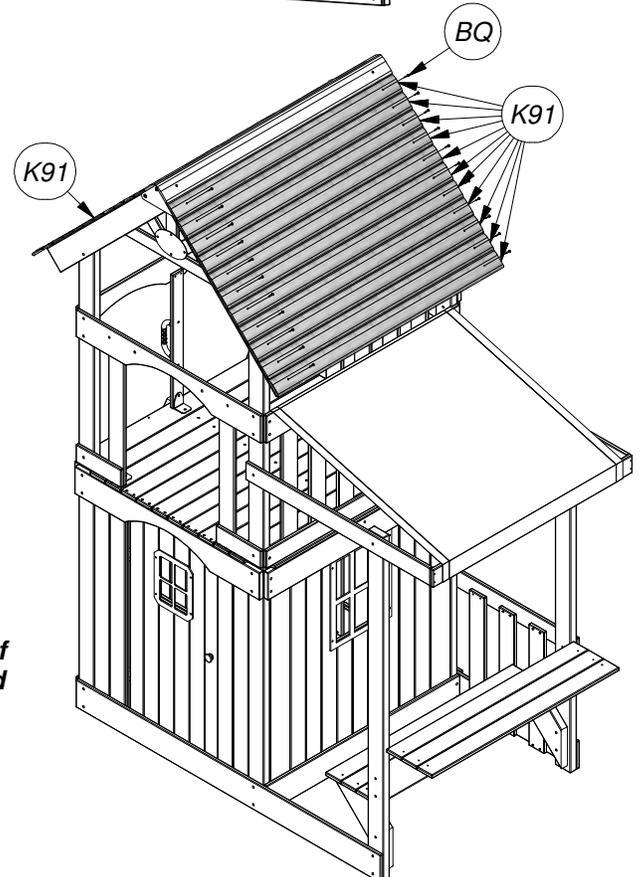
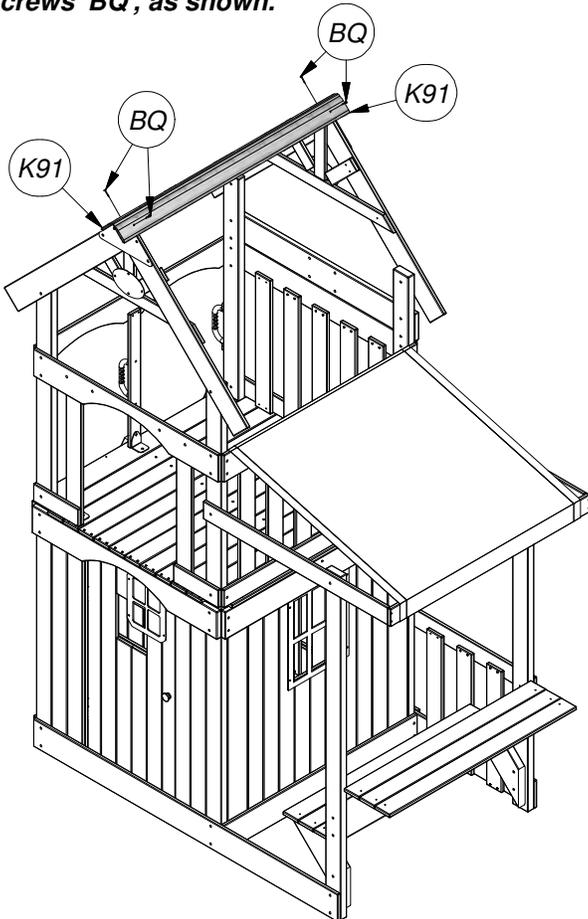
- Assemble with hardware as shown.

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

Roof Rafter Assembly



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

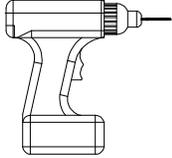
Phase 18

Parts needed:

- (1) WAVE SLIDE ASSEMBLY

Phase Notes

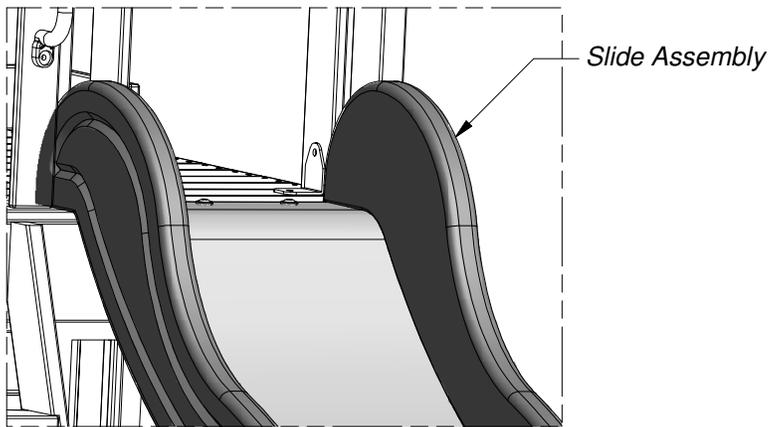
- Assemble with hardware as shown.



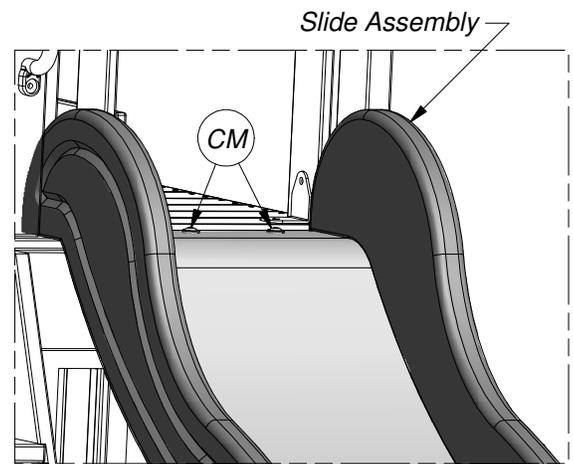
To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Hardware needed:

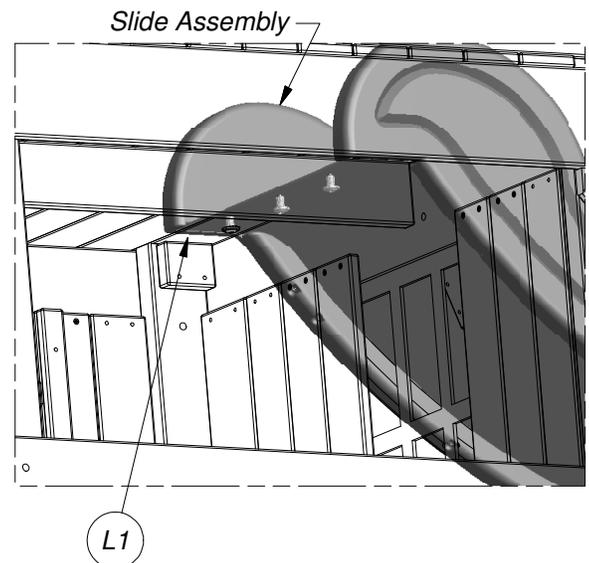
- (3) B - NUT BARREL WH 5/16x5/8 - H100004
- (3) AD - WASHER LOCK EXT 12x19 - H100031
- (3) CM - BOLT WH 5/16x1/2 - H100115



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:

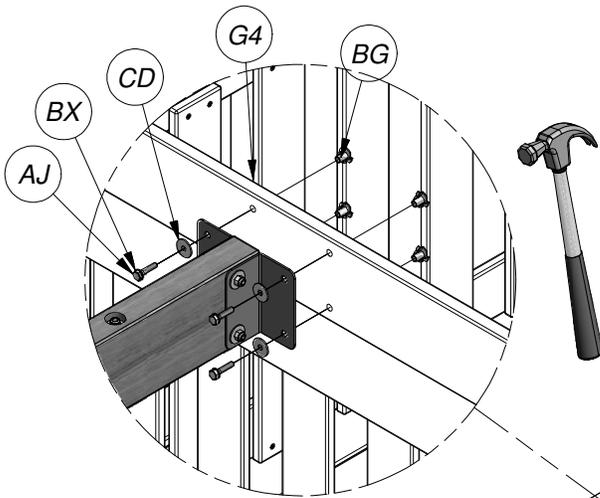
- (1) SWING BEAM ASSEMBLY

Phase Notes

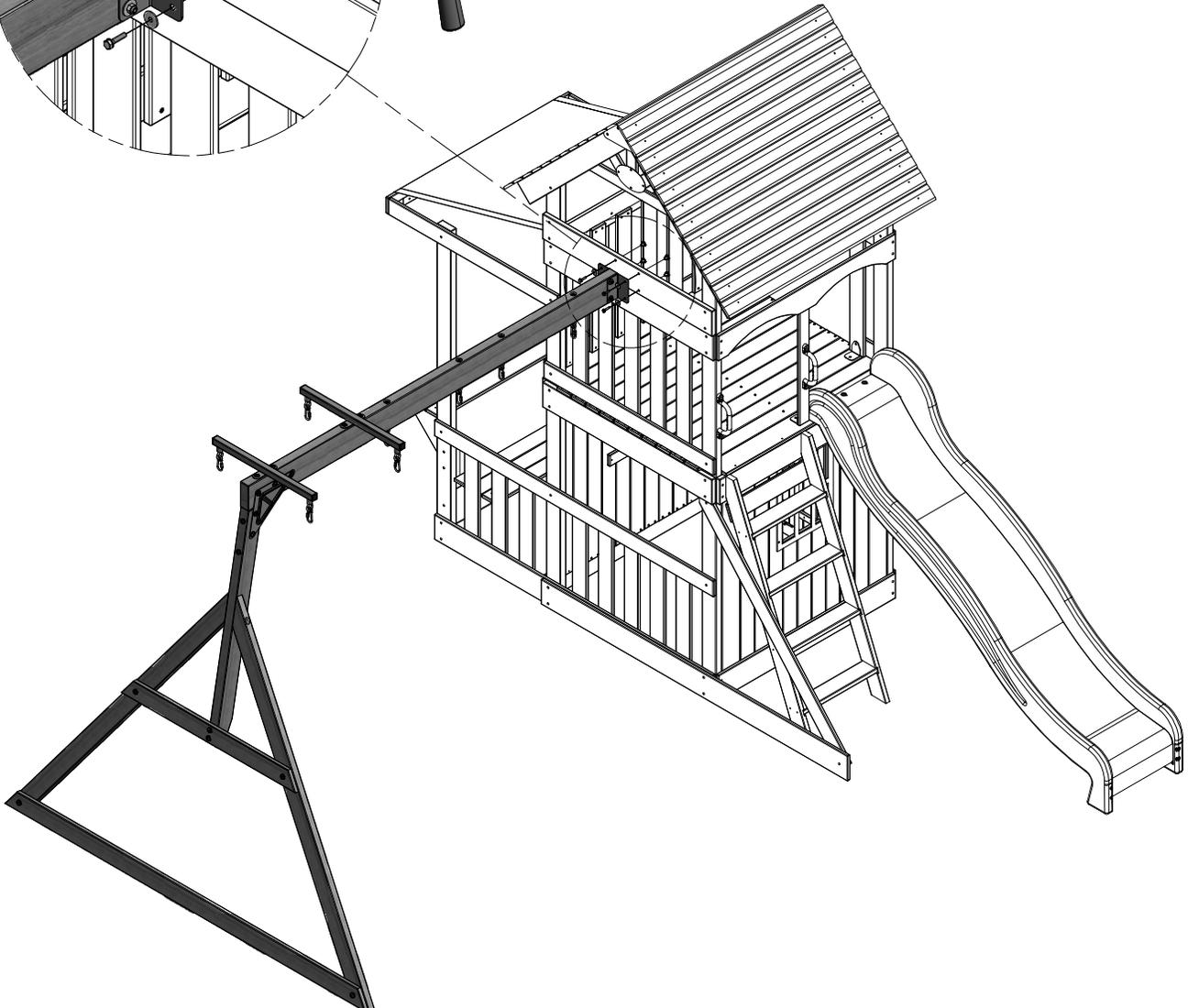
- Assemble with hardware as shown.

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



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

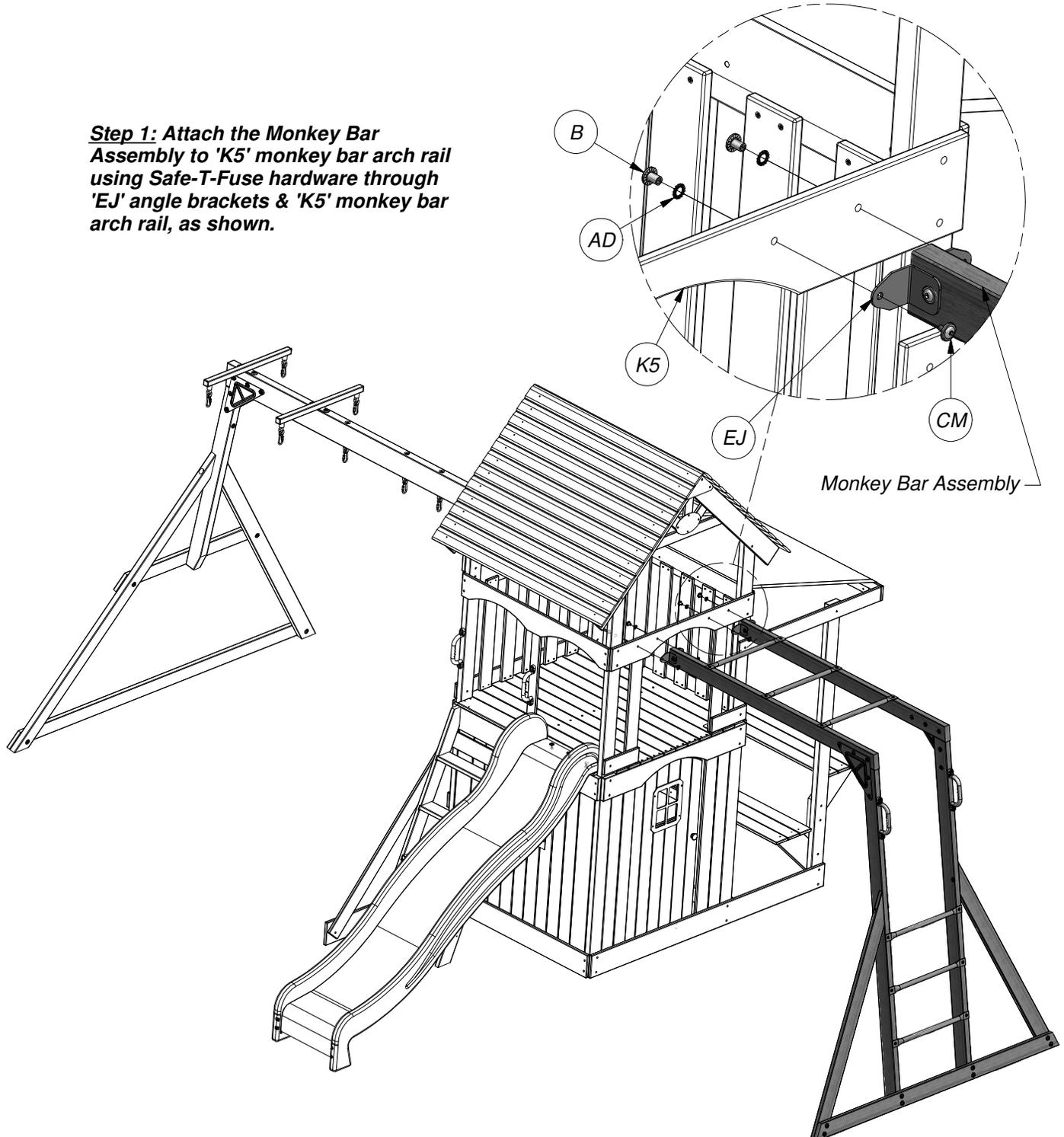
Hardware needed:

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

Phase Notes

- Assemble with hardware as shown.

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

Hardware needed:

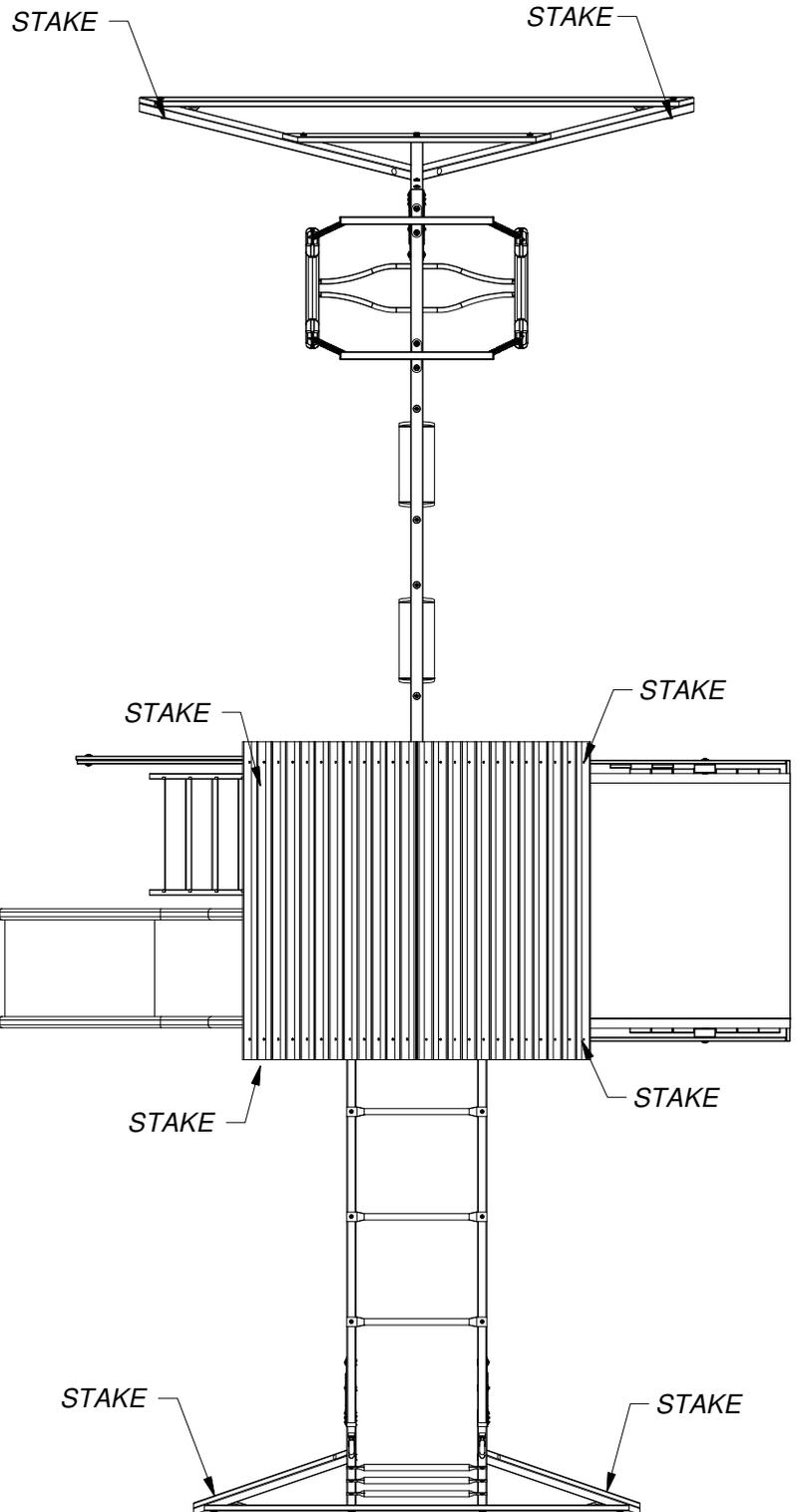
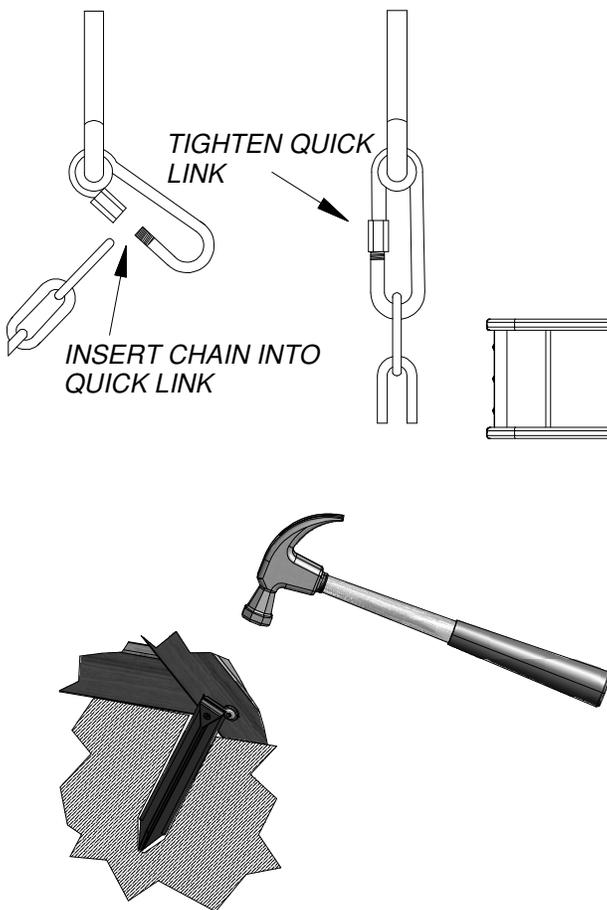
- (8) CK - SCREW PFH 8x2 - H100111

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'.



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.