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

Before you begin

FOR QUICK & EASY
3D ASSEMBLY
INSTRUCTIONS

DOWNLOAD THE FREE APP

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Intelligent Instructions
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PRAIRIE RIDGE
WOODEN SWING SET
MODEL: # 55006

BOOKLET INCLUDES:

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

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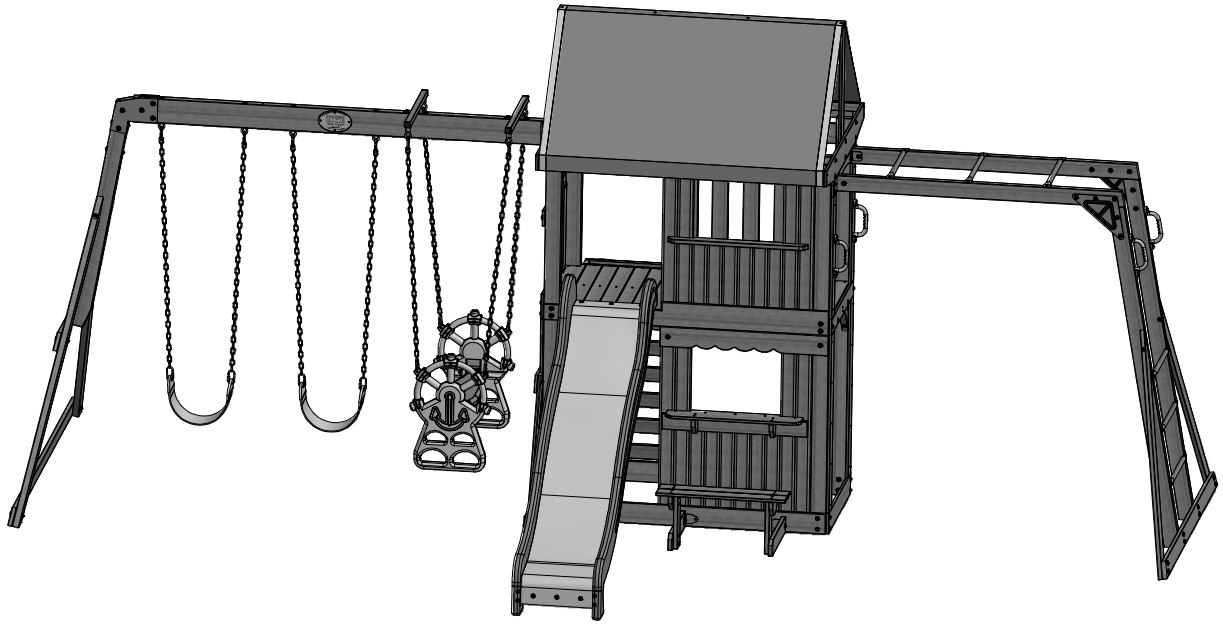
*Installation services are only available to U.S. customers.



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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With Go Configure, we bring you 18 years of experience right to your doorstep. We service a wide array of indoor and outdoor recreation products that most consumers don't have the time or ability to deliver & install themselves.

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- 18+ Years of Experience Servicing Big Box Retailers and Direct Consumers
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STOP

Missing A Part?
CALL US BEFORE GOING
BACK TO THE STORE!
The store where you made your purchase
does not stock parts for this item.
If you have assembly questions or if you need parts,
whether they are missing or damaged
Call Toll-Free Help Line or visit www.swingsetsonline.com

1-800-856-4445

PLEASE READ THIS BEFORE STARTING ASSEMBLY

- READ THE ASSEMBLY MANUAL COMPLETELY, PAYING SPECIAL ATTENTION TO THE IMPORTANT TIPS AND SAFETY INFORMATION.
- AFTER YOU HAVE READ THE ASSEMBLY MANUAL, YOU WILL BE ABLE TO DECIDE IF YOU NEED PROFESSIONAL HELP TO COMPLETE THE ASSEMBLY OF THE STRUCTURE.
- SEPARATE AND IDENTIFY ALL PARTS TO MAKE SURE THAT YOU HAVE ALL OF THE PARTS LISTED.
- IF YOU CAN'T FIND ALL OF THE PARTS, CHECK THE PACKING MATERIAL. SMALL PARTS MAY HAVE FALLEN INTO IT DURING SHIPMENT.
- IF YOU HAVE PROBLEMS WITH THE ASSEMBLY OR IF ANY PART IS MISSING OR DAMAGED, PLEASE CALL THE HELP LINE **1-800-856-4445 OR VISIT www.swingsetsonline.com**

PLEASE HAVE THE FOLLOWING INFORMATION WHEN YOU MAKE YOUR CALL:

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

Dear Customer:
Please read entire booklet completely before beginning the assembly process.

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

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

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

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

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

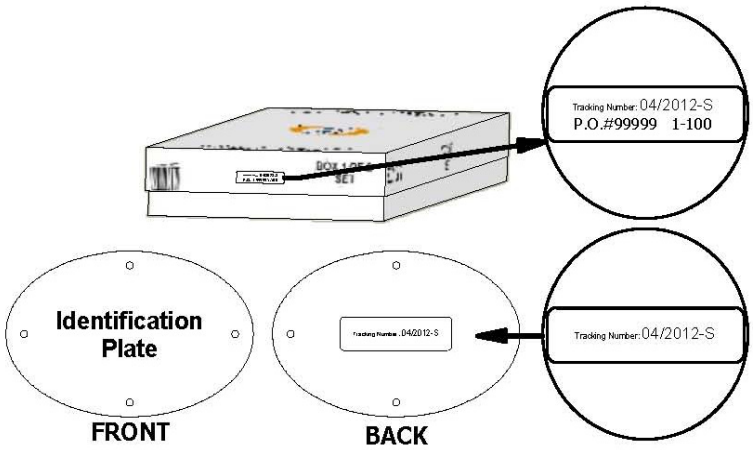
For Your Records:

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

Where Purchased: _____
Date of Purchase: _____
Installation Date: _____
Installed by: _____
Tracking Number: _____

Staple Receipt Here

Sales Receipt
Store Name
Main Street
Hometown, USA
Total $$$$
Thank You For Shopping With Us!



Tracking Number Reference Label
Tracking ID number on the carton and back of the ID plate are included for tracking purposes associated with warranty claims.

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

Positioning Your Playcenter

1. *The Playcenter is designed to be installed on a level surface **by an Adult with an Adult helper**. Place in a flat area of your yard to minimize ground preparation.*
2. *Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing material washing away during heavy rains.*
3. *Place the equipment not less than **6 ft (1.8 m)** from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.*
4. *Provide enough room so that the children can use the equipment safely. For example, for structures with multiple play activities, a slide should not exit in front of a swing.*
5. *It is a good idea to place your Playcenter in an area that is convenient for adults to watch children at play.*
6. *Create a site free of obstacles that could cause injuries – such as low overhanging tree branches, overhead wires, tree stumps and/or roots, large rocks, bricks and concrete. Additional suggestions in the Suggested Playground Surfacing Section.*
7. *Do not build your playset on top of surfacing material.*
8. *Locate bare metal platforms and slides out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.*
9. *Separate active and quiet activities from each other. For example, locate sandboxes away from swings or use a guardrail or barrier to separate the sandbox from the movement of the swings.*

Suggested Playground Surfacing

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

The following chart explains the fall height in feet from which a life threatening head injury would not be expected

Critical Heights in feet (m) of Tested Materials

Material	Uncompressed Depth			Compressed Depth
	6" (152mm)	9" (228mm)	12" (304mm)	to 9" (228mm)
Wood Chips	7' (2.13m)	10' (3.05m)	11' (3.35m)	10' (3.05m)
Double-Shredded bark mulch	6' (1.83m)	10' (3.05m)	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.

Operating Instructions:

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

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

18. *Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.*
19. *Instruct children **not** to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.*
20. *Instruct children to **never** wrap their legs around swing chain.*
21. *Instruct children to **never** slide down the swing chain.*
22. *Instruct children to remove their bike or other sports helmet before playing on playground equipment.*

Maintenance Instructions:

At the beginning of each play season:

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

Twice a month during play season:

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

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

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

Additional Maintenance:

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

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

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

Disposal Instructions:

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

Third Party Assembly:

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

APPENDIX A

Information on Playground Surfacing Materials:

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

X3. SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION'S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK[9]

X3.1 *Select Protective Surfacing*—One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM Specification F 1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

X3.1.1 *Loose-Fill Materials:*

X3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing overtime. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain at least a 9-inch depth.

X3.1.2 Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.) NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Ground level equipment such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface – does not need any protective surfacing.

X3.1.3 Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.

X3.1.3.1 Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.

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

X3.1.4 *Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles* — You may be interested in using surfacing other than loose-fill materials – like rubber tiles or poured-in-place surfaces.

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

X3.1.4.2 Review surface specification before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F 1292 Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height – vertical distance between a designated play surface (elevated surface for standing, sitting, or climbing) and the protective surfacing below – of your play equipment.

X3.1.4.3 Check the protective surfacing frequently for wear.

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

X3.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.

X3.1.5.2 For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.

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

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

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

Play Set Assembly Manual FAQs:

1. Does the area for the playset need to be level?

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

2. What size area is recommended for the playset?

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

3. What age range is appropriate for the playsets?

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

4. Is the wood treated with chemicals?

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

5. How often should the playset be stained?

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

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

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

7. Do Backyard Discovery playsets come with a warranty?

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

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

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

www.swingsetsonline.com/support.aspx and follow the prompts to order them. Next, read the assembly manual and get the tools ready for the job as recommended in the manual. If the assembly manual is lost or misplaced a new one can be printed from Backyard Discovery's website: www.swingsetsonline.com.

9. The playset seems to rock or sway too much. What's wrong?

Rocking is caused by uneven ground or obstructions such as rocks, roots, etc. under the ground rails. These should be removed and the ground underneath re-leveled to prevent rocking. Also ensure the playset is securely staked to the ground using the stakes provided.

10. The 2"x4" boards do not measure 2"x 4". Why not?

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

11. The end beam is not straight up and down. Why not?

This is normal. Backyard Discovery designs playsets this way to ensure the strongest structure possible. The slight angle adds strength and reduces rocking and twisting.

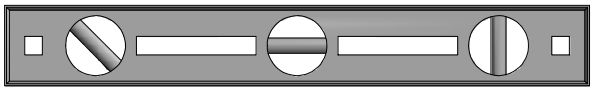
12. The S-hooks for the swings won't close. What is wrong?

Backyard Discovery recommends placing them on a hard surface such as concrete (don't do this on anything that will dent such as metal or finished wood or glass which will break!). It will take quite a few strokes, but the hooks will close.

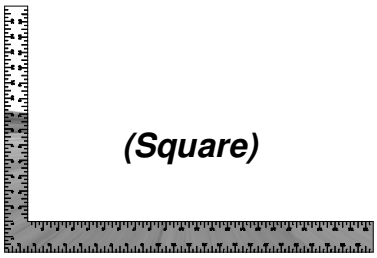
For more information and frequently asked questions, please refer to our website at www.swingsetsonline.com.

Tools Required for Installation:

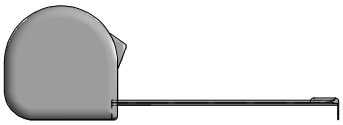
(These are the tools that are generally required for assembly of our outdoor products. These tools are not included with the outdoor product purchase.)



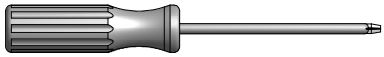
(Level 24")



(Square)

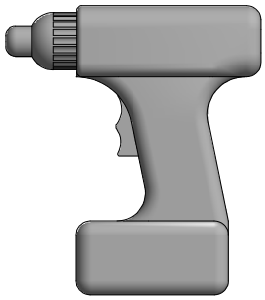


(Tape Measure)



(Phillips Screw Driver)

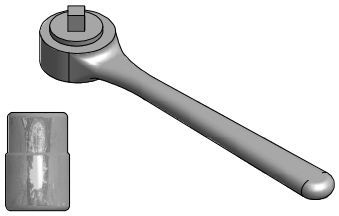
(Claw Hammer)



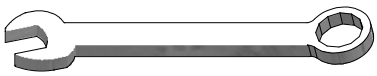
(Cordless Drill or Electric Drill)

(3/16" & 3/8" Drill Bits)

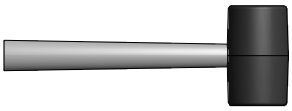
(Drill Attachments: Phillips Head)



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



(Open End Wrenches 1/2")



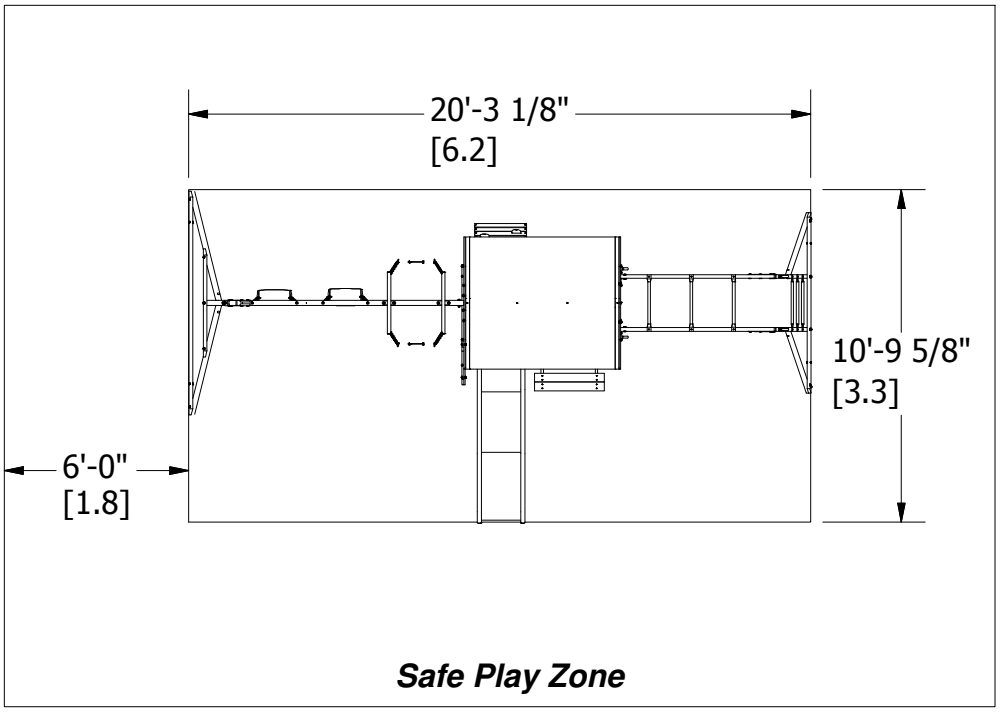
(Rubber Mallet - Optional)

(Ladder)

(An Adult w/ an Adult Helper)

Basic Setup Dimensions

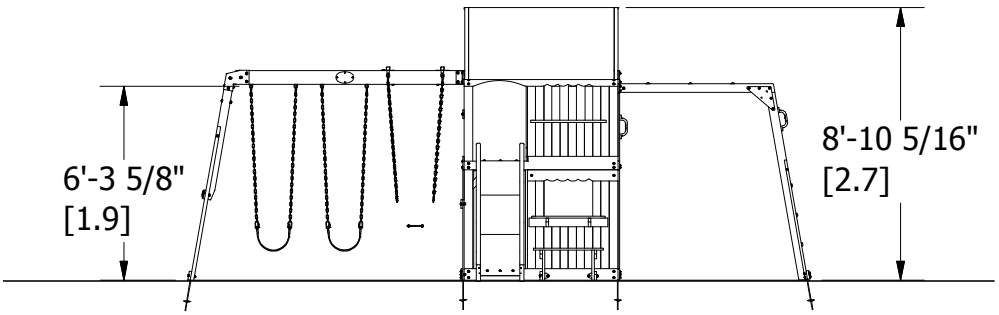
Place the set on level ground, not less than 6 ft [2 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.



Safe Play Zone

General Information:

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



Safe play height: 14'-10 5/16" [2.7 m]
Maximum fall height: 6'-3 5/8" [1.9 m]

Important Assembly Notes

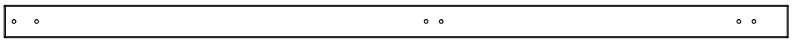
1) While assembling unit, take time before and after each phase to make sure fort is level. If fort is not level, assembly will be difficult and improper assembly may result. Extra care must be taken to insure the fort is square.
2) Tighten bolts securely, tighten nuts on bolts flush to the tube or member, and place caps over exposed bolts snug to the nut.
3) Pay close attention to the ITEMS NEEDED FOR EACH PHASE. They can be a valuable aid when sorting your wood and hardware. Assembly will be made easier if items are sorted by phase.
4) Pay close attention to make sure you are using the correct hardware in the correct phases. Using incorrect hardware may result in improper assembly.
5) Whenever a T-nut is used, follow these directions. Place T-nut in pre-drilled hole. Tap in with hammer. Place bolt with washers in the opposite side. Hand tighten to make sure the bolt is in the T-nut. DO NOT over tighten.
6) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.

Parts Identification

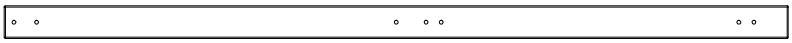
Wood Components

(NOT TO SCALE)

(1) ***E1 - UPRIGHT - W101261***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)

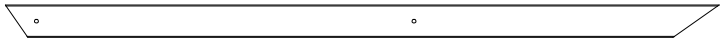


(2) ***E2 - UPRIGHT - W103773***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)



(1) ***E3 - UPRIGHT - W101256***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)

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



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

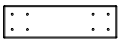
(2) ***E78 - MONKEY BAR UPRIGHT - W100975***
1 3/8"x3 3/8"x74 3/4" (36x86x1900)

(6) ***F71 - STANDARD ANGLE BRACE - W100689***
1 3/8"x2 3/8"x13" (36x60x330)

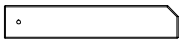
(1) ***H1 - SERVING SHELF SUPPORT - W101604***
1"x3 3/8"x30 3/4" (24x86x780)

(2) ***H3 - SERVING BOARD SUPPORT - W101606***
1"x3 3/8"x3 3/8" (24x86x86)

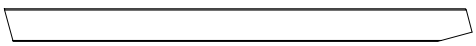
(2) ***H4 - BENCH SEAT SUPPORT - W104040***
1"x3 3/8"x6 1/2" (24x86x166)



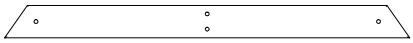
(2) ***H5 - BENCH UPRIGHT - W104041***
1"x3 3/8"x11 3/4" (24x86x300)



(2) ***H6 - BENCH GROUND BOARD - W104042***
1"x3 3/8"x18 1/8" (24x86x460)



(2) ***H73 - ROCK WALL RAIL - W100024***
24"x86"x1238" (24x86x1238)



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

Parts Identification

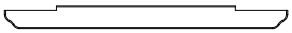
Wood Components

(NOT TO SCALE)

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

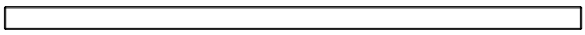
(2) ***H81 - MONKEY BAR BRACE - W100993***
1"x3 3/8"x53 1/4" (24x86x1352)

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

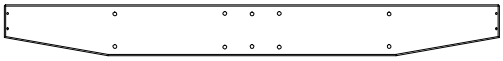


(1) ***J1 - WINDOW LEDGE - W100709***
1"x2 3/8"x29 1/2" (24x60x750)

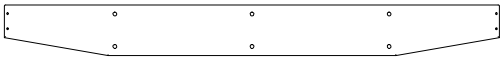
(4) ***J2 - END FLOOR CLEAT - W100710***
1"x2 3/8"x3 3/8" (24x60x86)



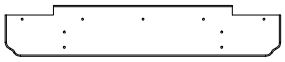
(1) ***J3 - FLOOR JOIST - W100984***
1"x2 3/8"x60 1/8" (24x60x1528)



(1) ***K1 - ROOF SWING BEAM SUPPORT - W100682***
5/8"x5 1/4"x51 5/8" (16x134x1310)

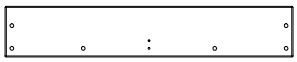


(1) ***K2 - ROOF SUPPORT - W100683***
5/8"x5 1/4"x51 5/8" (16x134x1310)



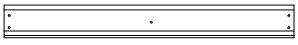
(1) ***K3 - SERVING BOARD - W101605***
5/8"x5 1/4"x28 3/4" (16x134x729)

(1) ***K4 - FLOOR RAIL - W103700***
5/8"x5 1/4"x60 1/8" (16x134x1528)



(1) ***K5 - FLOOR RAIL - W103768***
5/8"x5 1/4"x30" (16x134x762)

(6) ***K9-1 - WALL BOARD - W100713***
3/8"x3 3/8"x15 3/4" (11x86x400)

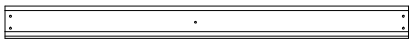


(4) ***K9-2 - WALL BOARD - W100712***
3/8"x3 3/8"x30 1/4" (11x86x768)

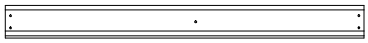
Parts Identification

Wood Components

(NOT TO SCALE)

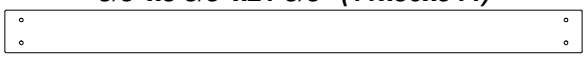


(2) ***K9-3 - WALL BOARD - W101257***
3/8"x3 3/8"x42" (11x86x1068)



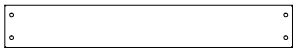
(2) ***K9-4 - WALL BOARD - W101239***
3/8"x3 3/8"x37 3/8" (11x86x950)

(6) ***K9-5 - WALL BOARD - W101259***
3/8"x3 3/8"x21 3/8" (11x86x544)



(2) ***L2 - GROUND BOARD - W100684***
5/8"x4 3/8"x60 1/8" (16x112x1528)

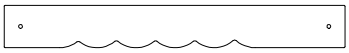
(1) ***L3 - GROUND BOARD - W101602***
5/8"x4 3/8"x46 7/8" (16x112x1191)



(1) ***L5 - GROUND BOARD - W100686***
5/8"x4 3/8"x30" (16x112x762)

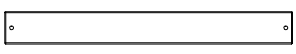
(1) ***L6 - ARCHED RAIL - W100694***
5/8"x4 3/8"x60 1/8" (16x112x1528)

(1) ***L7 - ARCHED SCULPTURED RAIL - W100695***
5/8"x4 3/8"x60 1/8" (16x112x1528)

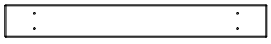


(1) ***L8 - SCULPTURED RAIL - W101240***
5/8"x4 3/8"x35 1/2" (16x112x902)

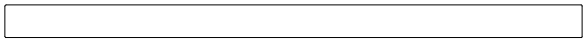
(2) ***L9 - END FLOOR BOARD - W102863***
5/8"x4 3/8"x29 7/8" (16x112x760)



(1) ***M1 - PICKET RAIL - W103760***
5/8"x3 3/8"x30" (16x86x762)



(2) ***M2 - BENCH SEAT - W104044***
5/8"x3 3/8"x27 3/8" (16x86x694)

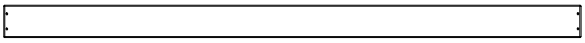


(2) ***M3 - TARP SUPPORT - W100692***
5/8"x3 3/8"x60 1/8" (16x86x1528)

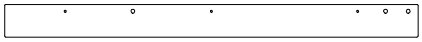
Parts Identification

Wood Components

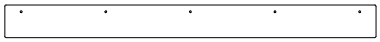
(NOT TO SCALE)



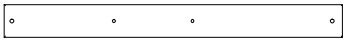
(1) ***M4 - TARP TOP SUPPORT - W100693***
5/8"x3 3/8"x60 1/8" (16x86x1528)



(2) ***M5 - FACE BOARD - W101599***
5/8"x3 3/8"x43 1/8" (16x86x1094)



(2) ***M6 - LOWER FACE BOARD - W101598***
5/8"x3 3/8"x38 5/8" (16x86x982)



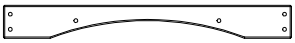
(1) ***M7 - WALL BOARD - W100708***
5/8"x3 3/8"x35 1/4" (16x86x895)

(1) ***M8 - WALL RAIL - W100700***
5/8"x3 3/8"x35 7/8" (16x86x910)

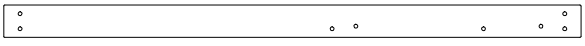
(1) ***M9 - ANGLE BRACE - W100696***
5/8"x3 3/8"x35 5/8" (16x86x904)

(1) ***M10 - SAFETY BOARD - W100701***
5/8"x3 3/8"x33 7/8" (16x86x860)

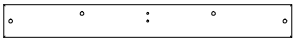
(2) ***M11 - UPPER FACE BOARD - W102866***
5/8"x3 3/8"x26 5/8" (16x86x676)



(1) ***M12 - MONKEY BAR ARCH BOARD - W103775***
5/8"x3 3/8"x30" (16x86x762)



(1) ***M13 - FLOOR RAIL - W103774***
5/8"x3 3/8"x60 1/8" (16x86x1528)

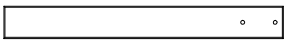


(1) ***M14 - FLOOR SUPPORT BOARD - W103944***
5/8"x3 3/8"x30" (16x86x762)

Parts Identification

Wood Components

(NOT TO SCALE)

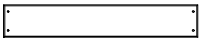


(2) ***M16 - TARP SUPPORT - W101237***
5/8"x3 3/8"x29 1/8" (16x86x740)

(4) ***M17 - PICKET - W100705***
5/8"x3 3/8"x27 1/8" (16x86x690)

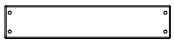
(4) ***M18 - PICKET - W103761***
5/8"x3 3/8"x18 7/8" (16x86x480)

(6) ***M71 - ROCK BOARD - W100022***
5/8"x3 3/8"x20 1/4" (16x86x514)

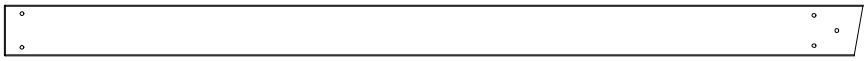


(2) ***M72 - ROCK WALL SLAT - W100023***
5/8"x3 3/8"x20 1/4" (16x86x514)

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

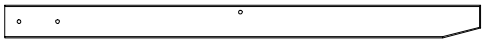


(2) ***M78 - CENTER SLIDE BRACE - W100545***
5/8"x3 3/8"x17 1/4" (16x86x438)



(1) ***SB74 - SWING BEAM EXTENDED - W102419***
2"x5 1/4"x89 1/2" (50x134x2274)

(2) ***SP1 - FLOOR SUPPORT CLEAT - W100711***
1"x1"x53 3/8" (24x24x1356)

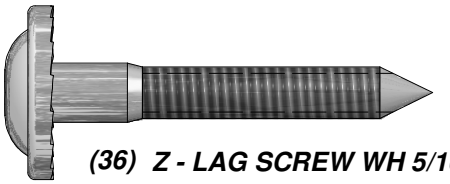


(1) ***W71 - SWING BEAM SUPPORT - W102420***
2"x3 3/8"x49 5/8" (50x86x1260)

(3) FP1 - FLOOR PANEL - W102861

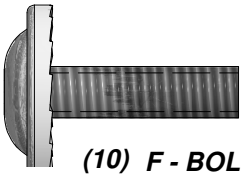
Parts Identification

Hardware

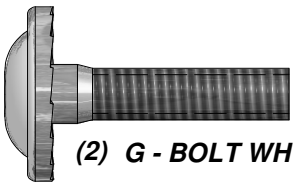


(36) Z - LAG SCREW WH 5/16x2 - H100027

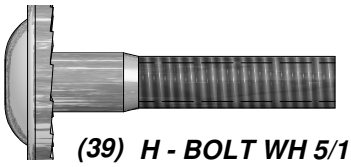
(13) AA - LAG SCREW WH 5/16x2 1/2 - H100028



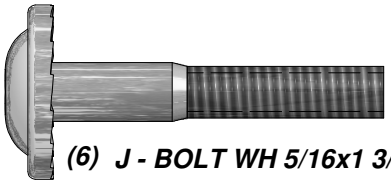
(10) F - BOLT WH 5/16x1 - H100008



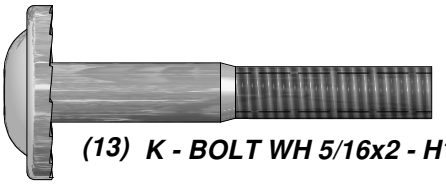
(2) G - BOLT WH 5/16x1 1/4 - H100009



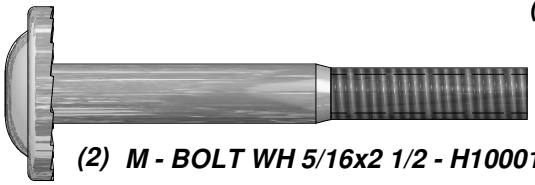
(39) H - BOLT WH 5/16x1 1/2 - H100010



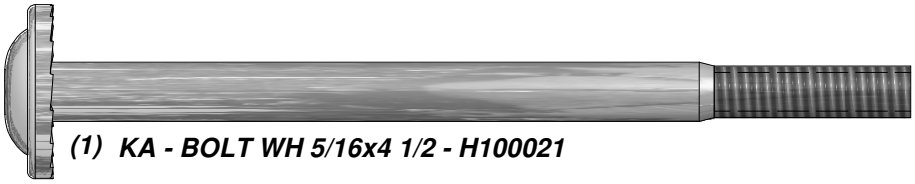
(6) J - BOLT WH 5/16x1 3/4 - H100011



(13) K - BOLT WH 5/16x2 - H100012

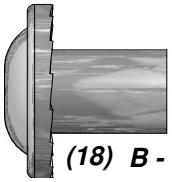


(2) M - BOLT WH 5/16x2 1/2 - H100014

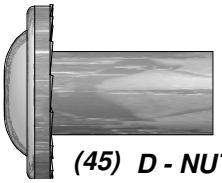


(1) KA - BOLT WH 5/16x4 1/2 - H100021

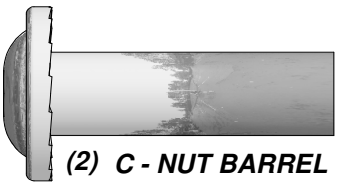
(4) AE - BOLT WH 5/16x5 3/4 - H100032



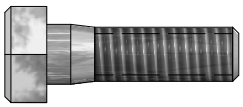
(18) B - NUT BARREL WH 5/16x5/8 - H100004



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



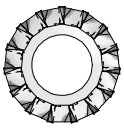
(2) C - NUT BARREL WH 5/16x1 1/2 - H100006



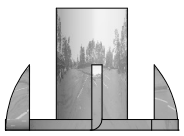
(4) AG - BOLT HEX 5/16x1 - H100040

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

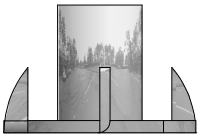
(7) BE - T-NUT 1/4 - H100072



(4) KV - WASHER LOCK EXT 6x15 - H100138



(28) BG - T-NUT 5/16 - H100074

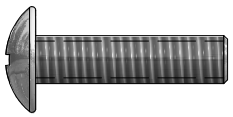


(7) BF - T-NUT 3/8 - H100073

Parts Identification

Hardware

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



(7) AY - BOLT PTH 1/4x1 - H100061

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

(61) BN - SCREW PFH 8x1 - H100085

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

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

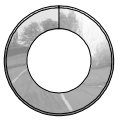
(160) BP - SCREW PFH 8x1 1/2 - H100086

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

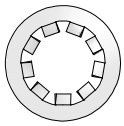
(17) CK - SCREW PFH 8x2 - H100111

(9) BV - SCREW PFH 8x2 1/4 - H100091

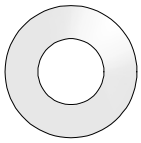
(26) BW - SCREW PFH 8x3 - H100092



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

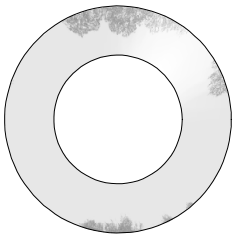


(11) CG - WASHER LOCK INT 8x15 - H100108

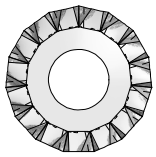


(19) CE - WASHER FLAT 9x18 - H100106

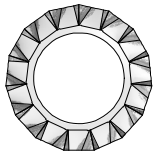
(22) CD - WASHER FLAT 8x27 - H100105



(4) CB - WASHER SAFETY 17x30 - H100103



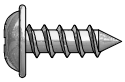
(104) AC - WASHER LOCK EXT 8x19 - H100030



(60) AD - WASHER LOCK EXT 12x19 - H100031

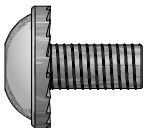
Parts Identification

Hardware

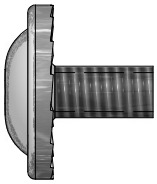


(13) CT - SCREW TAPPING 8x1/2 - H100123

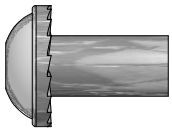
(7) CY - SCREW PWH 8x5/8 - H100128



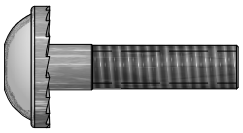
(4) KY - BOLT WH 1/4x1/2" - H100141



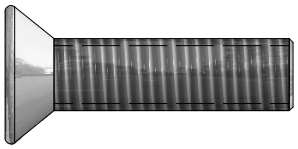
(13) CM - BOLT WH 5/16x1/2 - H100115



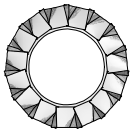
(9) KS - NUT BARREL WH 1/4x5/8 - H100136



(4) KT - BOLT WH 1/4x1 - H100137

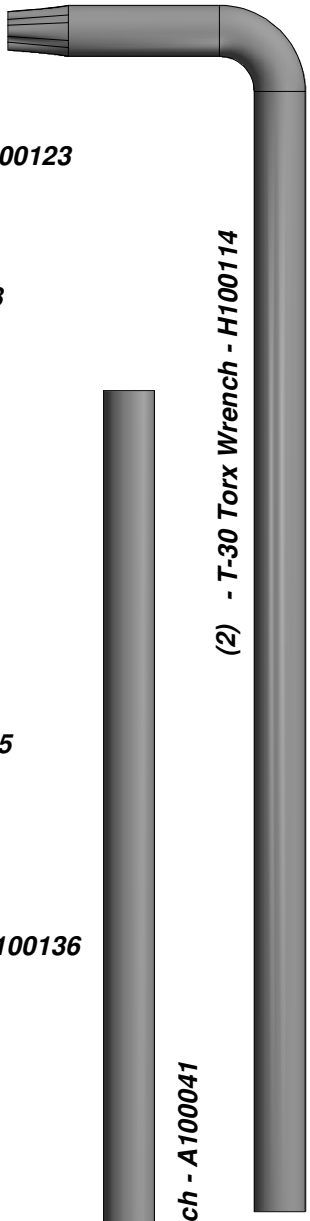


(7) A - BOLT FA 3/8x1 1/2 - H100001

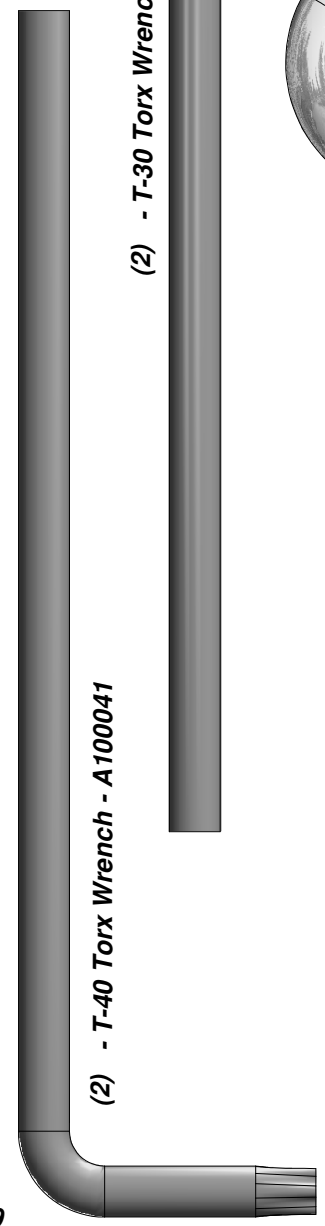


(9) KW - WASHER LOCK EXT 8x15 - H100139

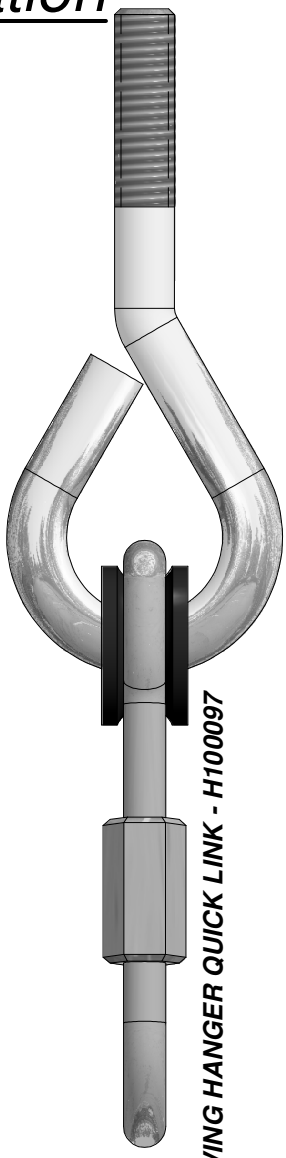
(15) CJ - NUT LOCK 5/16 - H100110



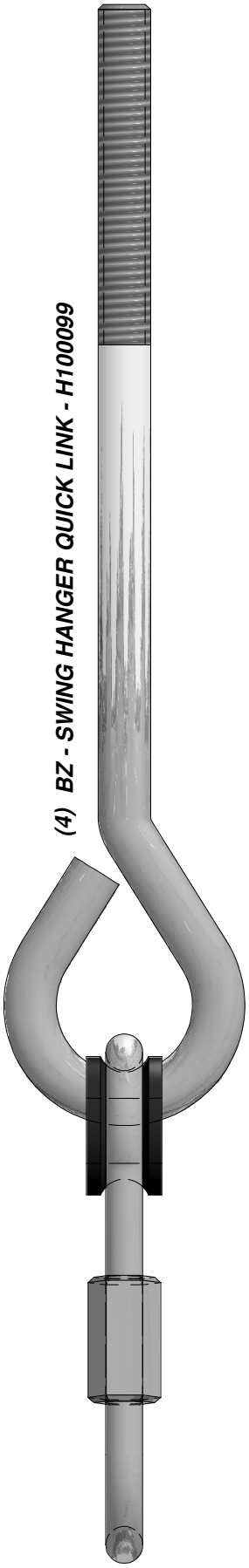
(2) - T-30 Torx Wrench - H100114



(2) - T-40 Torx Wrench - A100041



(4) BY - SWING HANGER QUICK LINK - H100097



(4) BZ - SWING HANGER QUICK LINK - H100099

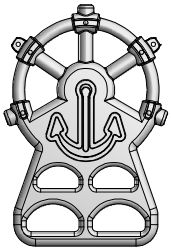
(2) - T-30 Torx Bit - H100147

(2) - T-40 Torx Bit - A100042

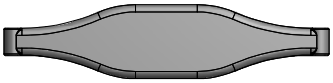
Parts Identification

Accessories

(NOT TO SCALE)



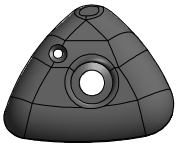
(2) DO - CAPTAINS GLIDER ARM YELLOW - A100026



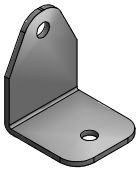
(1) DN - GLIDER SEAT DARK GREEN - A100025

(6) EA - HAND GRIP YELLOW PLASTIC - A100043

(6) EC - METAL RUNG 559 - A100045



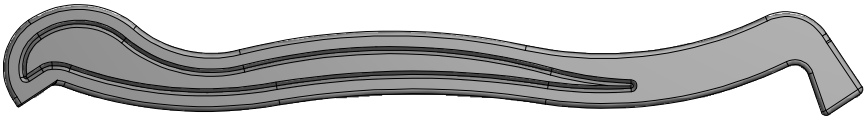
(6) ER - CLIMBING ROCK GREEN SMALL - A100060



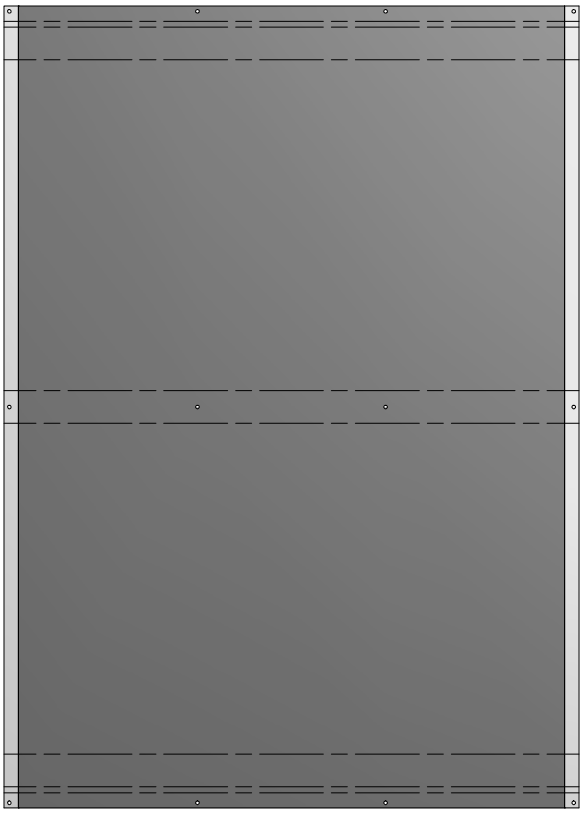
(4) EJ - L BRACKET 54x67 - A100053

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

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



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



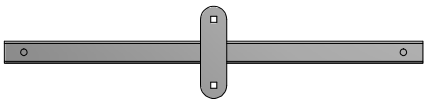
(1) HY - TARP 1522x2119 - A100062

Parts Identification

Accessories

(NOT TO SCALE)

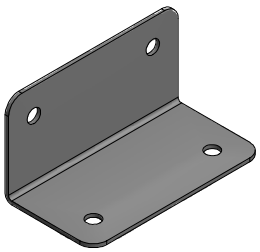
(1) HC - BYD ID TAG (LARGE) 2011 WITH AGES - A100164



(2) EW - GLIDER SUPPORT BYD GREEN - A100065

(4) EX - GLIDER BUSHING BYD GREEN - A100066

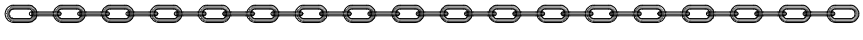
(4) EY - TUBING CAP GLIDER SUPPORT - A100067



(2) GD - L BRACKET 66x66x127 - A100140

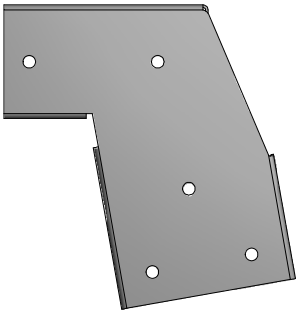
(2) FB - SWING SEAT YELLOW - A100070

(4) EZ - CHAIN GREEN 51.25" - A100068

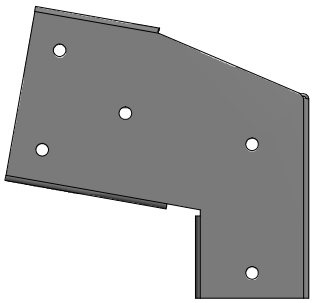


(4) JD - CHAIN GREEN 45" - A100092

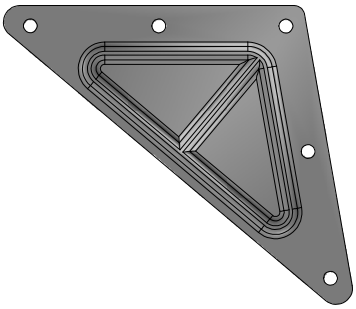
(8) KC - METAL GROUND STAKE BROWN - A100178



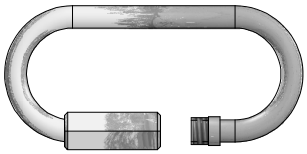
(1) TC - SWING BEAM EXTENSION BRACKET-RIGHT - A100326



(1) TB - SWING BEAM EXTENSION BRACKET-LEFT - A100325



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



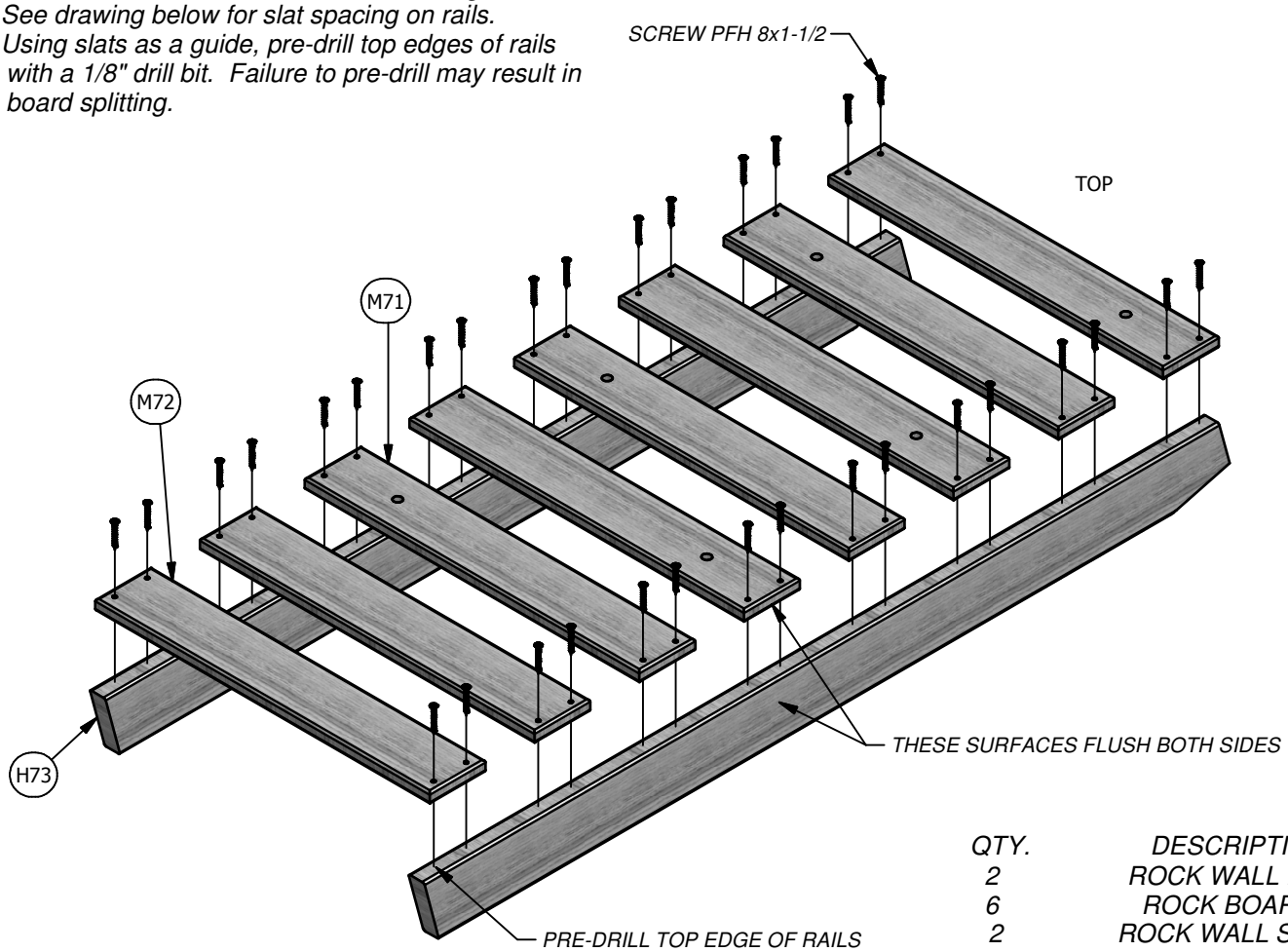
(8) FA - QUICK LINK - A100069

(1) SR - "B" REVISION TAG - A100315

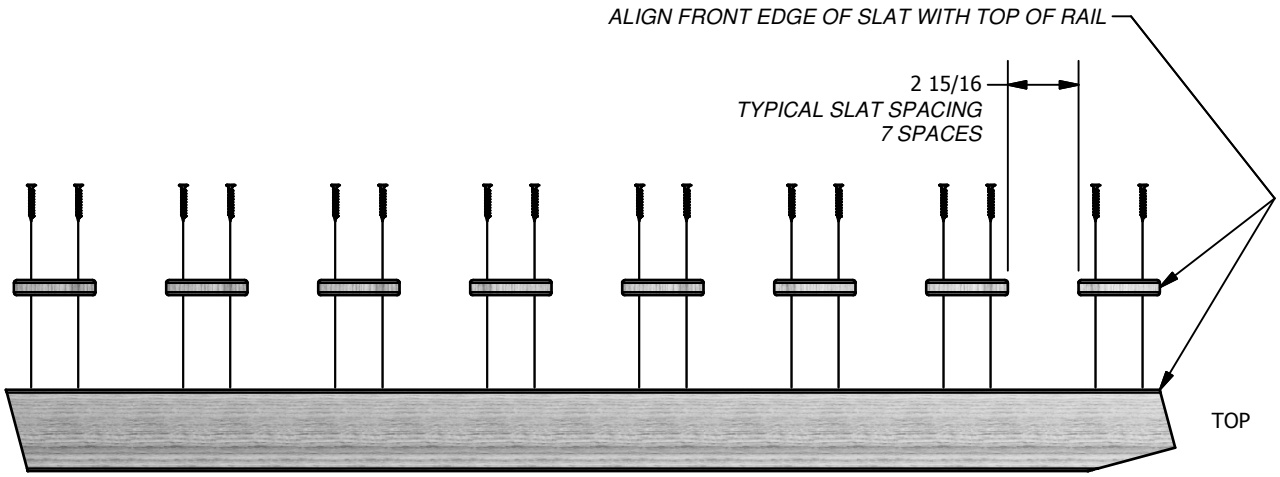
4' Rock Ladder
Phase 1

Phase Notes

- *Assemble slats to rails as shown.*
- *Note oreintation of slats, be sure to arrange as shown.*
- *See drawing below for slat spacing on rails.*
- *Using slats as a guide, pre-drill top edges of rails with a 1/8" drill bit. Failure to pre-drill may result in board splitting.*



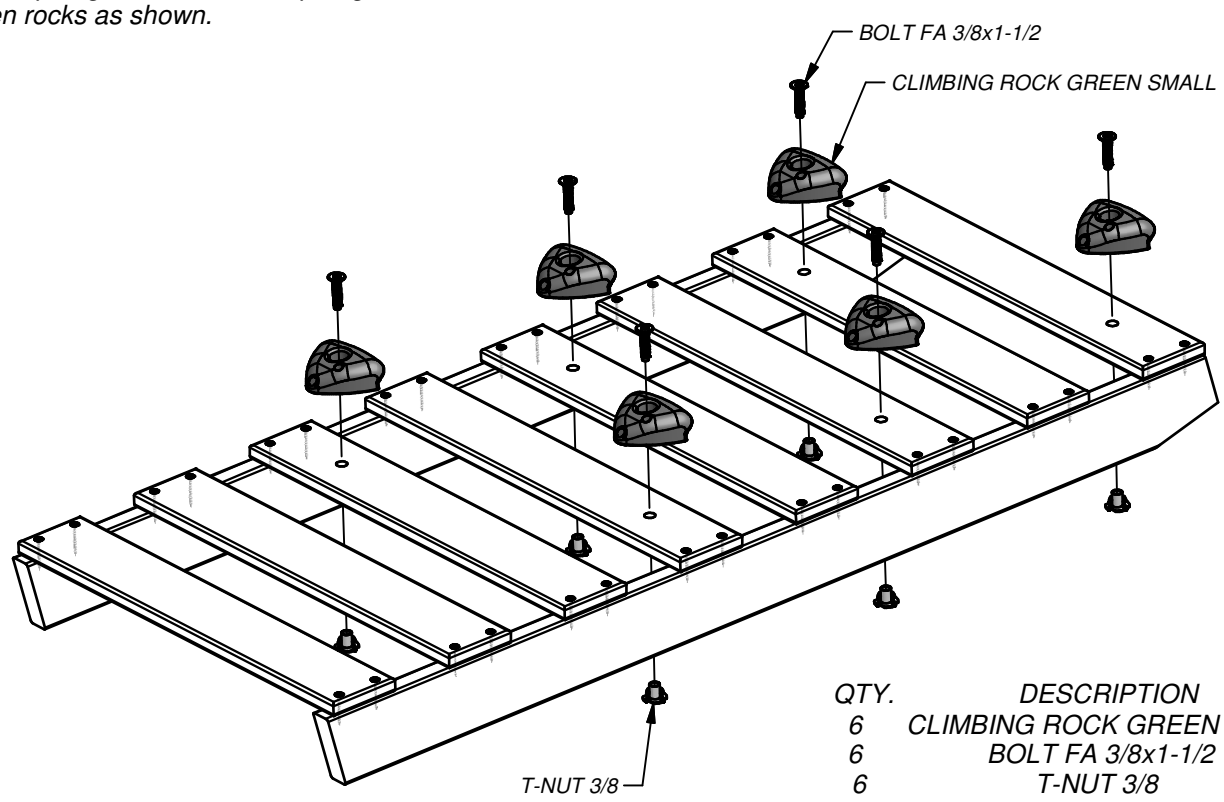
QTY.	DESCRIPTION
2	ROCK WALL RAIL
6	ROCK BOARD
2	ROCK WALL SLAT
32	SCREW PFH 8x1-1/2



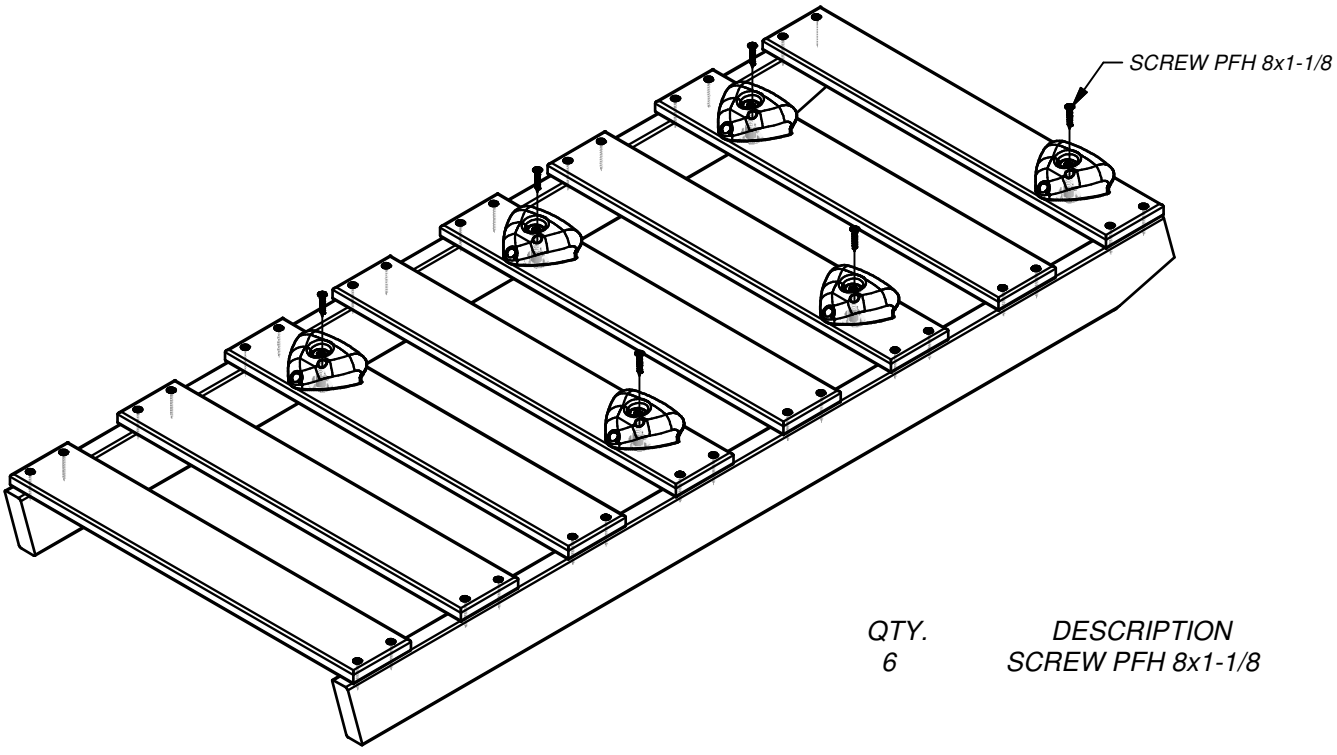
4' Rock Ladder
Phase 2 & 3

Phase Notes

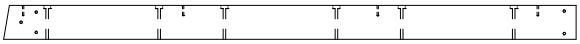
- *Oreint top edge of rocks with top edge of slats.*
- *Fasten rocks as shown.*



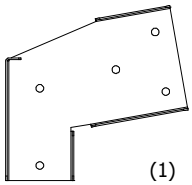
QTY.	DESCRIPTION
6	CLIMBING ROCK GREEN SMALL
6	BOLT FA 3/8x1-1/2
6	T-NUT 3/8

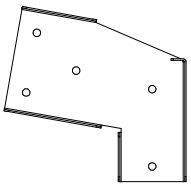


QTY.	DESCRIPTION
6	SCREW PFH 8x1-1/8



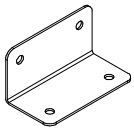
(1) ***SB74 - SWING BEAM EXTENDED - W102419***
2"x5 1/4"x89 1/2" (50x134x2274)





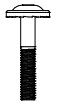
(1) ***TB - SWING BEAM EXTENSION BRACKET-LEFT - A100325***

(1) ***TC - SWING BEAM EXTENSION BRACKET-RIGHT - A100326***



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

4 FT GREEN EXTENDED SWING BEAM WITH GLIDER



(3) ***BOLT WH 5/16x1-3/4***

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

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

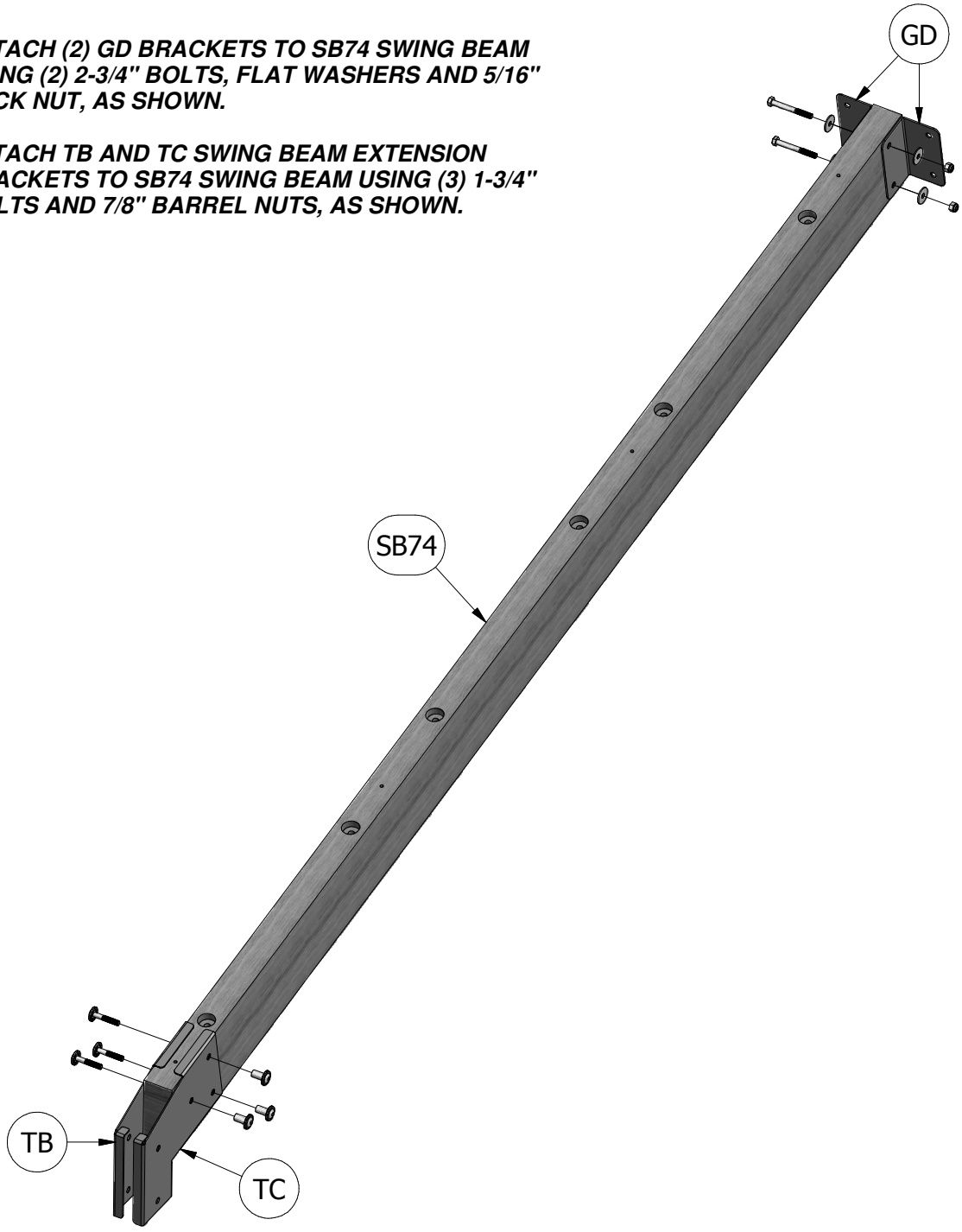
(4) ***WASHER FLAT 8x27***

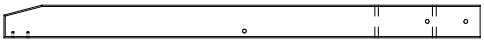
(2) ***NUT LOCK 5/16***

STEP 1

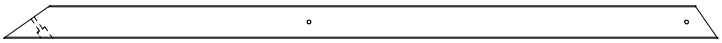
ATTACH (2) GD BRACKETS TO SB74 SWING BEAM USING (2) 2-3/4" BOLTS, FLAT WASHERS AND 5/16" LOCK NUT, AS SHOWN.

ATTACH TB AND TC SWING BEAM EXTENSION BRACKETS TO SB74 SWING BEAM USING (3) 1-3/4" BOLTS AND 7/8" BARREL NUTS, AS SHOWN.

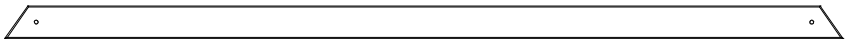




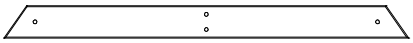
(1) ***W71 - SWING BEAM SUPPORT - W102420***
2"x3 3/8"x49 5/8" (50x86x1260)



(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)



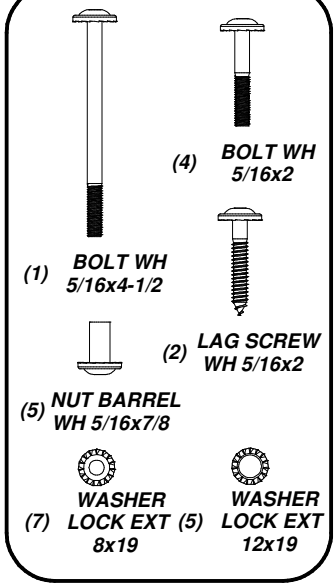
(1) ***H79 - END SUPPORT - W100992***
1"x3 1/2"x42" (24x86x1072)

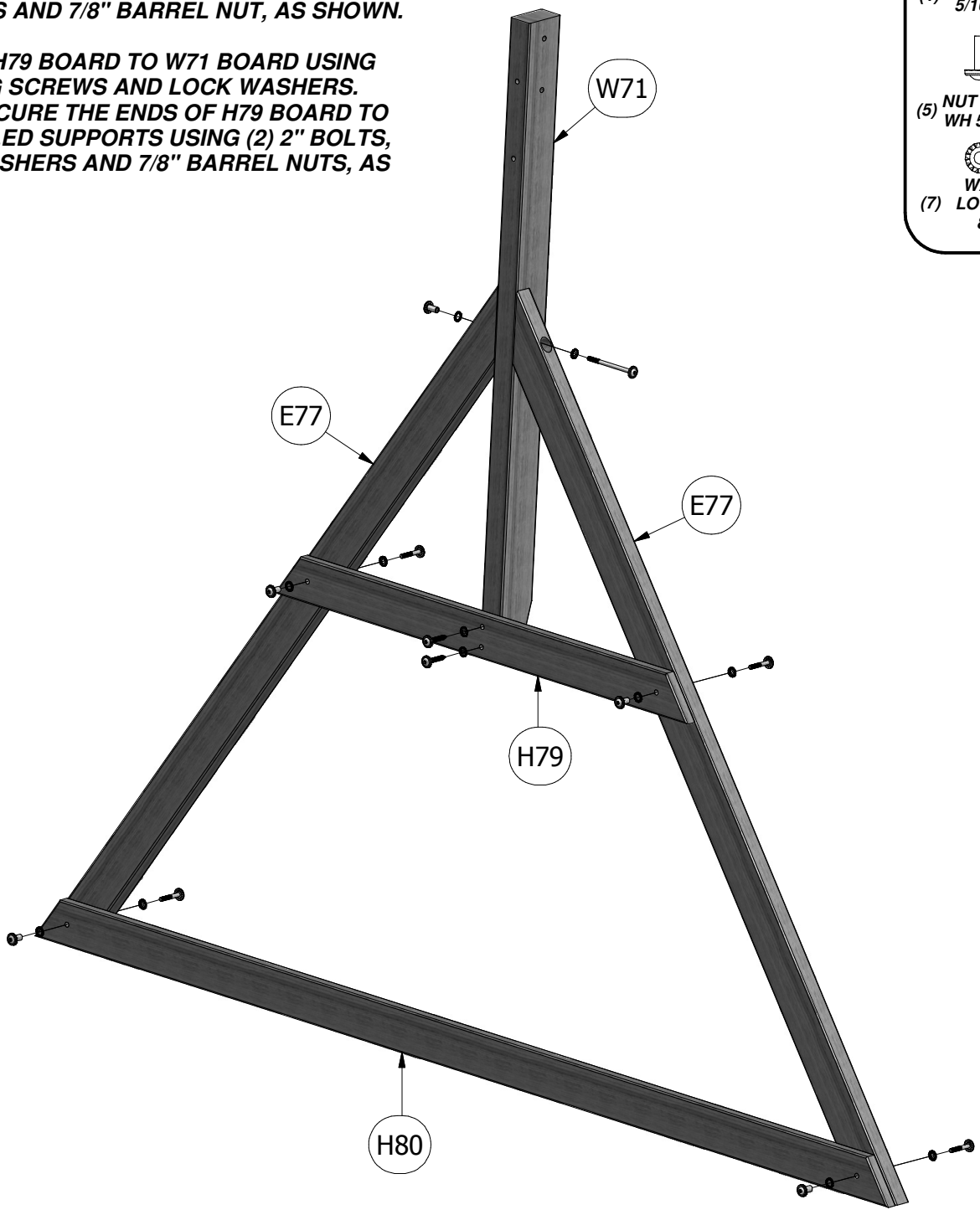
STEP 2

ATTACH H80 GROUND BOARD TO (2) E77 ANGLED SUPPORT BOARDS USING (2) 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.

ATTACH (2) E77 ANGLED SUPPORT BOARDS TO W71 SUPPORT USING 4- 1/2" BOLT, LOCK WASHERS AND 7/8" BARREL NUT, AS SHOWN.

ATTACH H79 BOARD TO W71 BOARD USING (2) 2" LAG SCREWS AND LOCK WASHERS. NEXT, SECURE THE ENDS OF H79 BOARD TO E77 ANGLED SUPPORTS USING (2) 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.

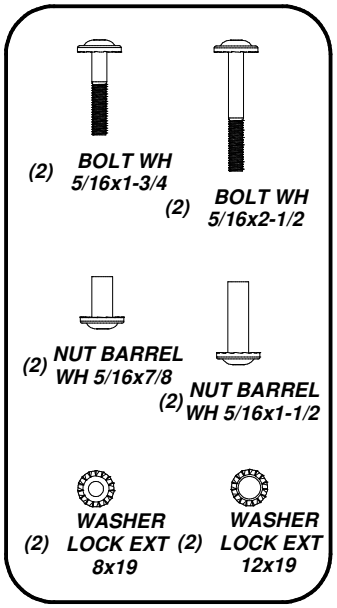


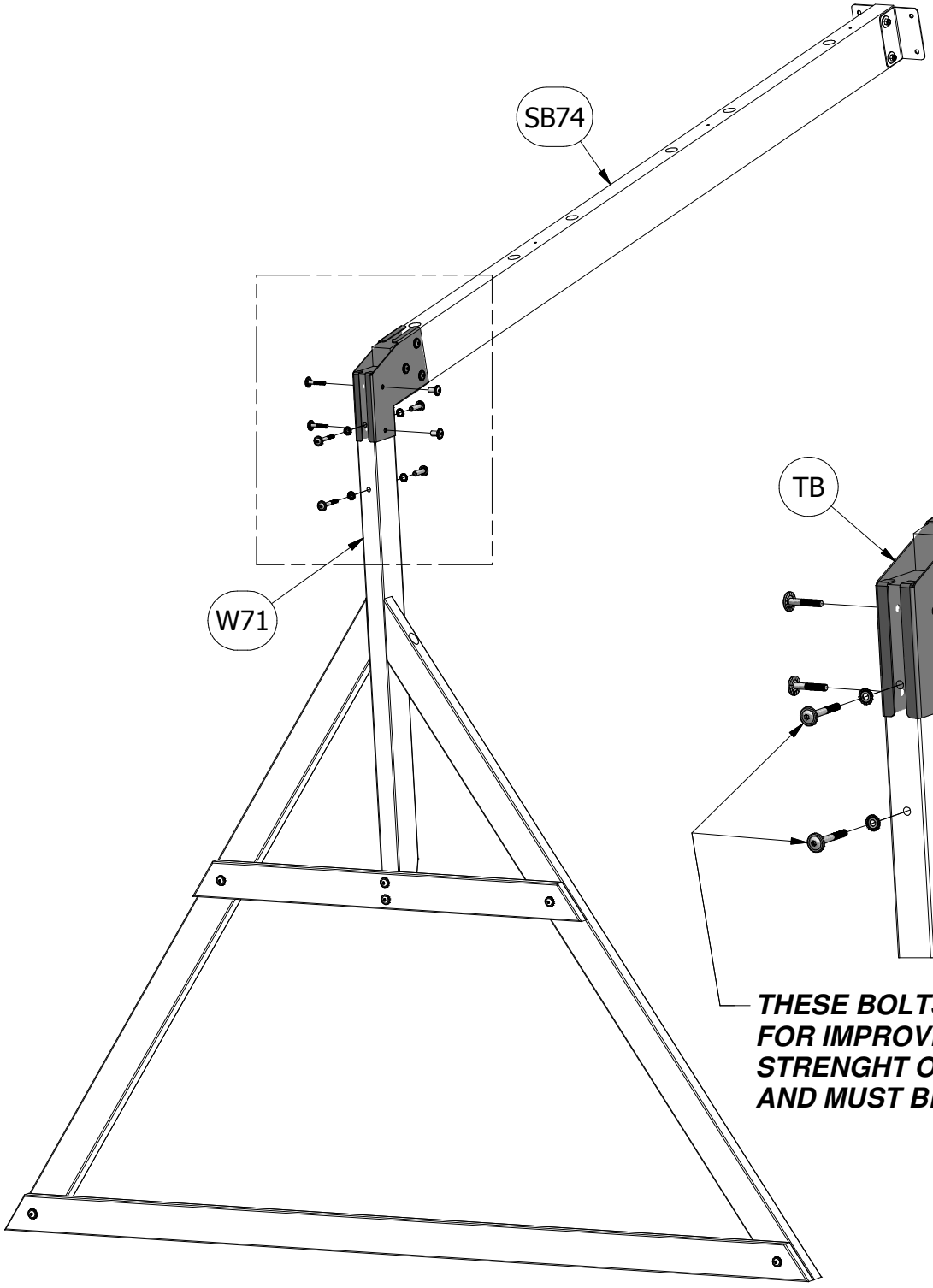


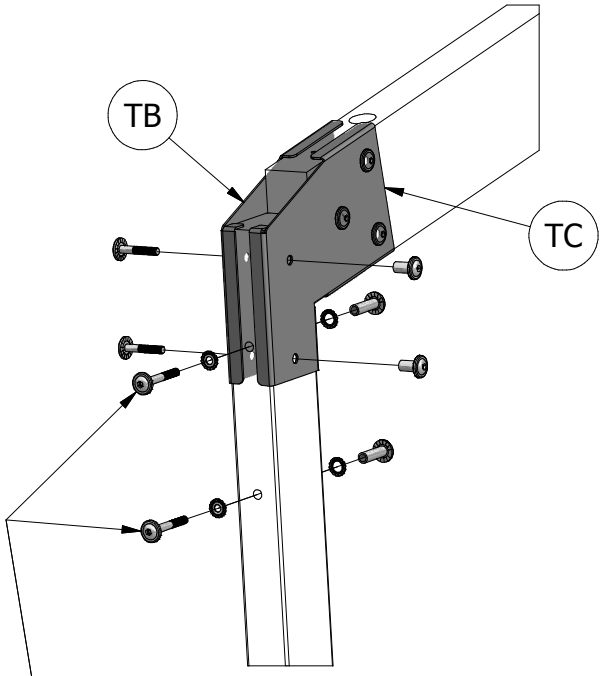
STEP 3

INSERT W71 BOARD INTO TB AND TC BRACKET OPENING AND SECURE USING (2) 1-3/4" BOLTS AND 7/8" BARREL NUTS, AS SHOWN.

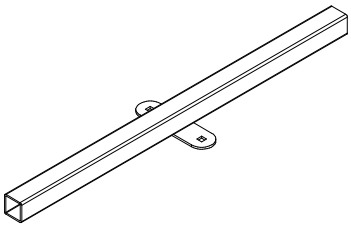
INSERT (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-1/2" BARREL NUTS INTO THE EDGE OF W71 BOARD, AS SHOWN.



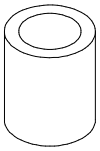




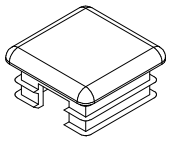
THESE BOLTS ARE REQUIRED FOR IMPROVED STRUCTUAL STRENGHT OF W71 SUPPORT AND MUST BE INSTALLED.



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



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



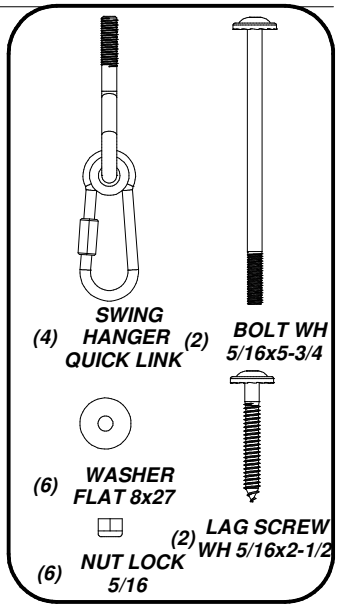
(4) ***EY - TUBING CAP GLIDER SUPPORT - A100067***

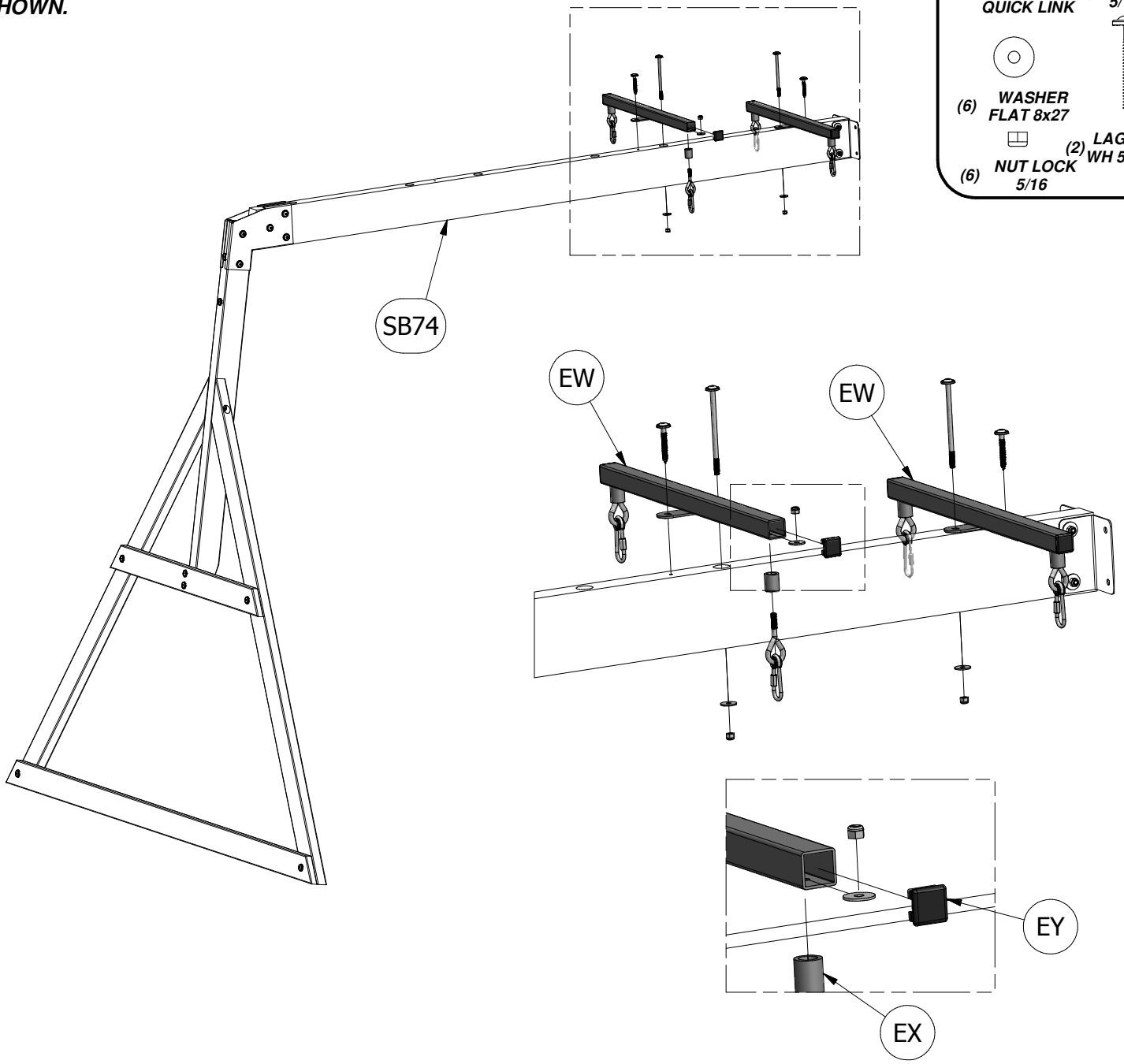
STEP 4

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

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.

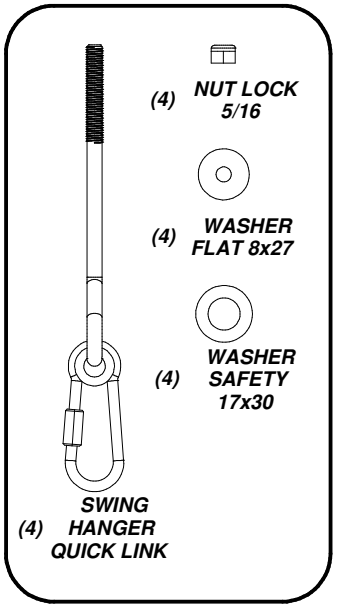
INSERT (4) EY GLIDER SUPPORT CAPS INTO THE ENDS OF EW GLIDER SUPPORTS, AS SHOWN.

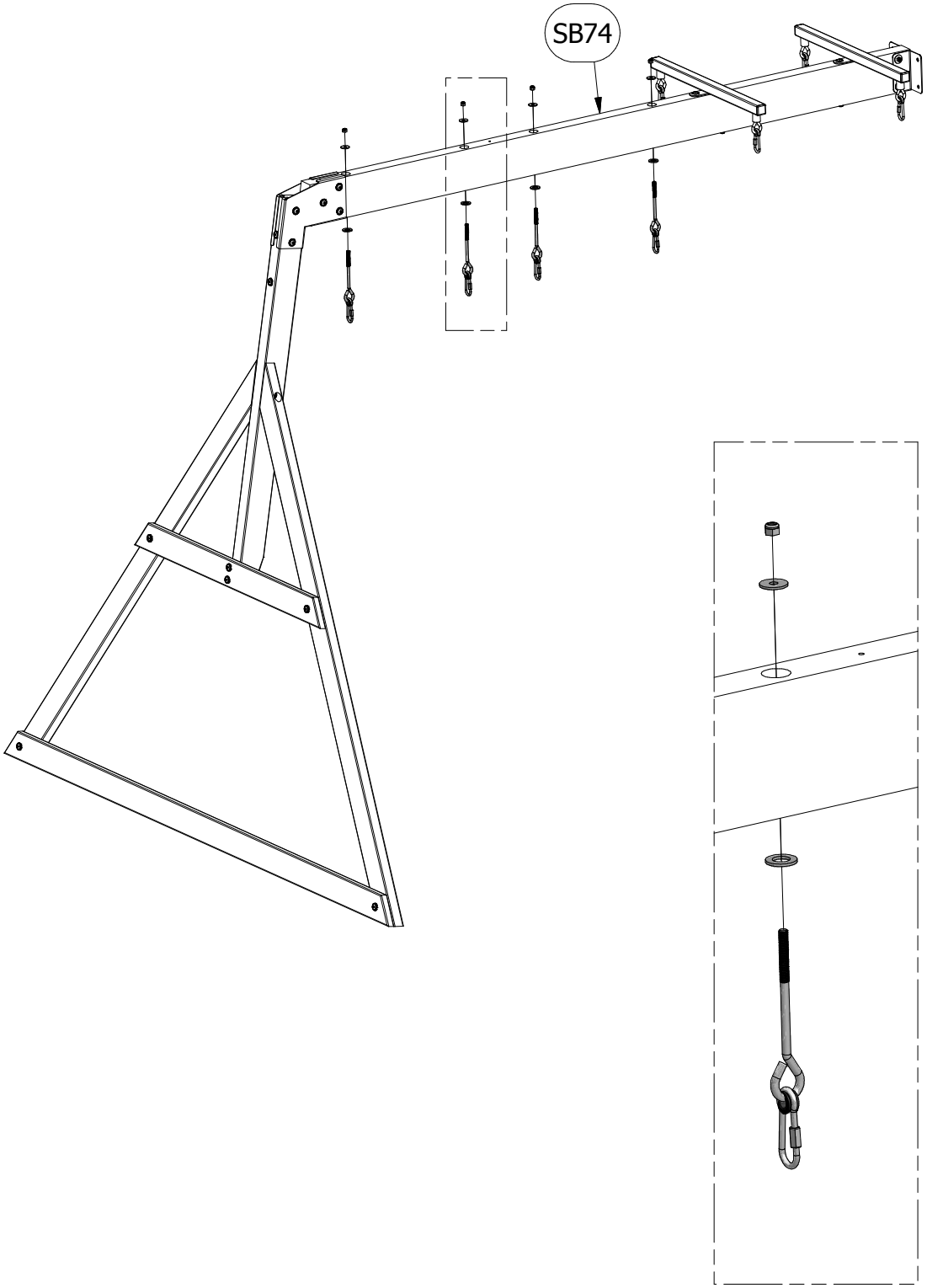




STEP 5

INSERT (4) SWING HANGER QUICK LINK INTO SB74 SWING BEAM USING (4) SAFETY WASHERS, FLAT WASHERS AND 5/16" LOCK NUTS, AS SHOWN.





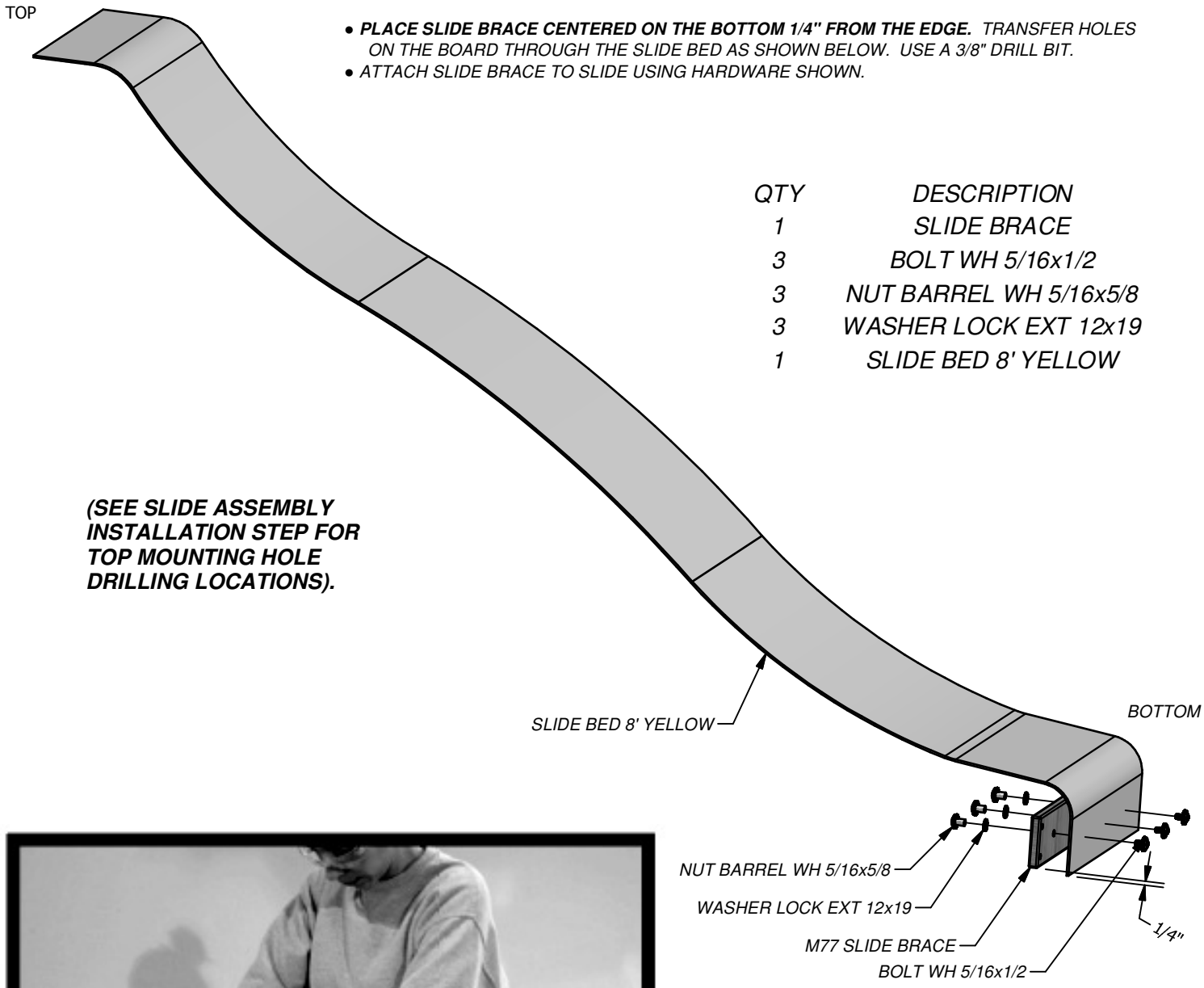
8 FOOT SLIDE ASSEMBLY

PHASE 1

STEP 1

- ***PLACE SLIDE BRACE CENTERED ON THE BOTTOM 1/4" FROM THE EDGE.*** *TRANSFER HOLES ON THE BOARD THROUGH THE SLIDE BED AS SHOWN BELOW. USE A 3/8" DRILL BIT.*
- *ATTACH SLIDE BRACE TO SLIDE USING HARDWARE SHOWN.*

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



(SEE SLIDE ASSEMBLY INSTALLATION STEP FOR TOP MOUNTING HOLE DRILLING LOCATIONS).

USE M77 SLIDE BRACE AS A TEMPLATE FOR DRILLING BOTTOM HOLE PATTERN IN SLIDE BED. BE SURE TO PLACE SLIDE BRACE UP 1/4" FROM BOTTOM EDGE OF SLIDE BED BEFORE MARKING HOLE PATTERN.

TIP: PREBENDING THE ENDS WILL EASE ASSEMBLY.

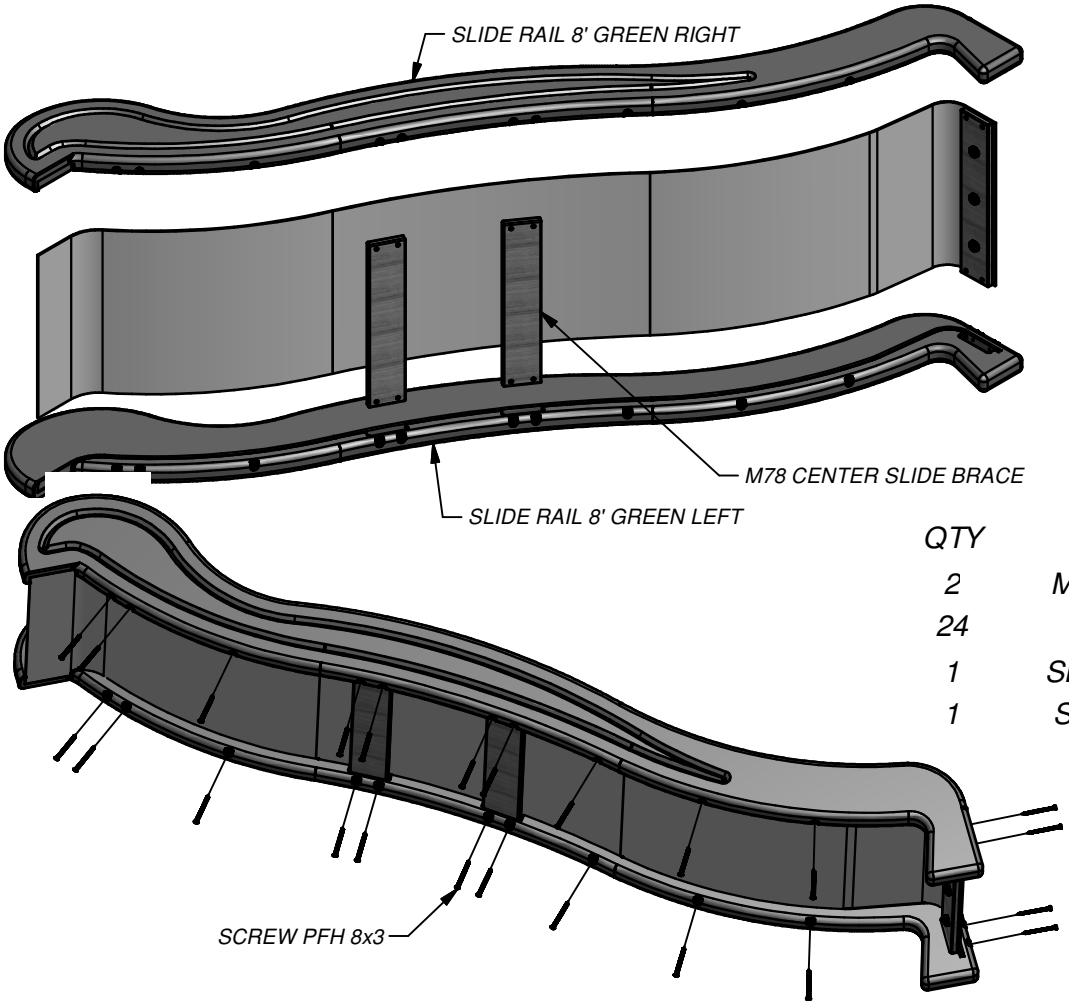
8 FOOT SLIDE ASSEMBLY

PHASE 2

STEP 2

- PLACE 1 SLIDE RAIL ON A FLAT SURFACE AND BEGIN INSERTING SLIDE BED AT THE BOTTOM OF THE SLIDE RAIL (FIG. 1). 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. SECURE USING (12) 3" WOOD SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN BELOW.

- 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(FIG. 2). SECURE USING (12) 3" WOOD SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN BELOW.



NOTE:

MAKE CERTAIN SUPPORTS AND SLIDE BED ARE FULLY ENGAGED WITHIN CHANNEL OF SLIDE RAILS.

QTY	DESCRIPTION
2	M78 CENTER SLIDE BRACE
24	SCREW PFH 8x3
1	SLIDE RAIL 8' GREEN RIGHT
1	SLIDE RAIL 8' GREEN LEFT

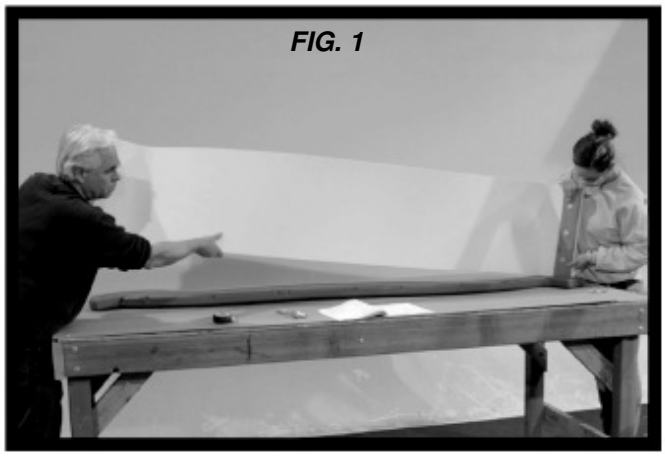


FIG. 1

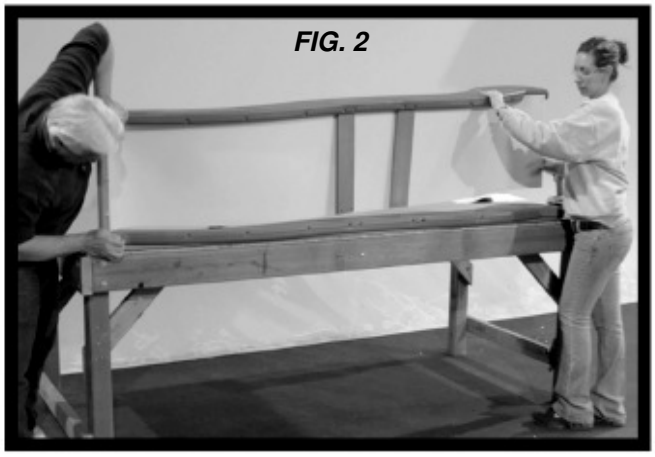
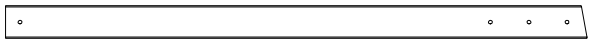


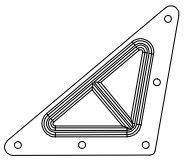
FIG. 2

TIP: A HELPER IS REQUIRED FOR THIS PHASE.



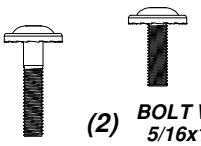
(2) ***E71 - MONKEY BAR RAIL - W102369***
1 3/8"x3 3/8"x60 5/8" (36x86x1539)

(2) ***EJ - L BRACKET 54x67 - A100053***



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

MONKEY BAR ASSEMBLY



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

(6) ***BOLT WH 5/16x1-1/2***

WASHER LOCK EXT 12x19

(2)

(6) ***T-NUT 5/16***

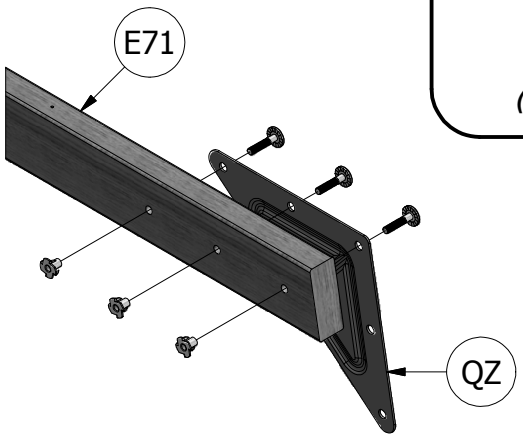
(2) ***NUT BARREL WH 5/16x7/8***

STEP 1

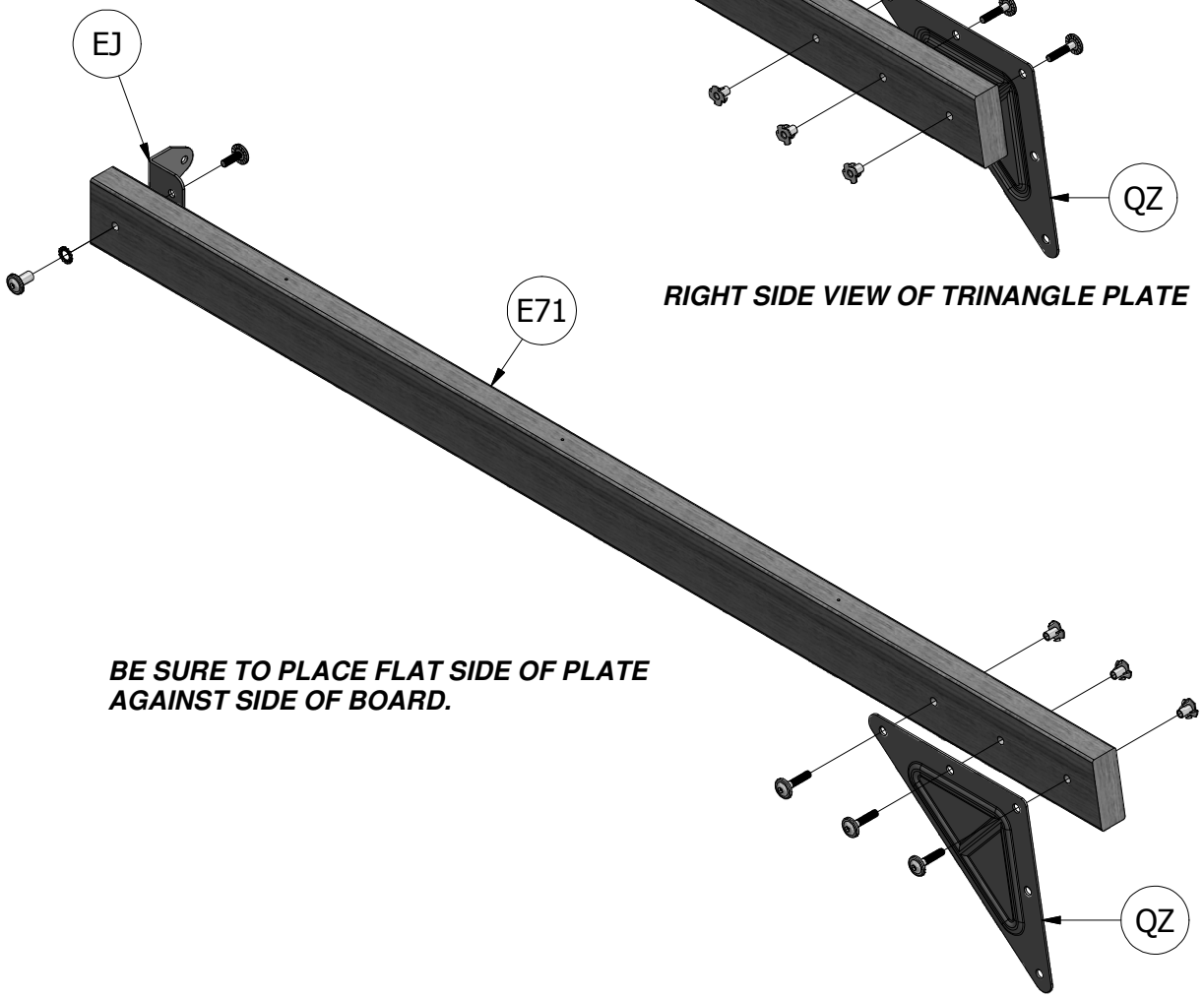
YOU WILL BUILD A LEFT AND RIGHT TOP RAIL IN THIS STEP.

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

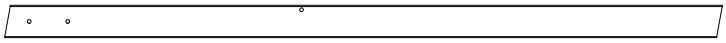
ASSEMBLE WITH HARDWARE AS SHOWN.



RIGHT SIDE VIEW OF TRINANGLE PLATE



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

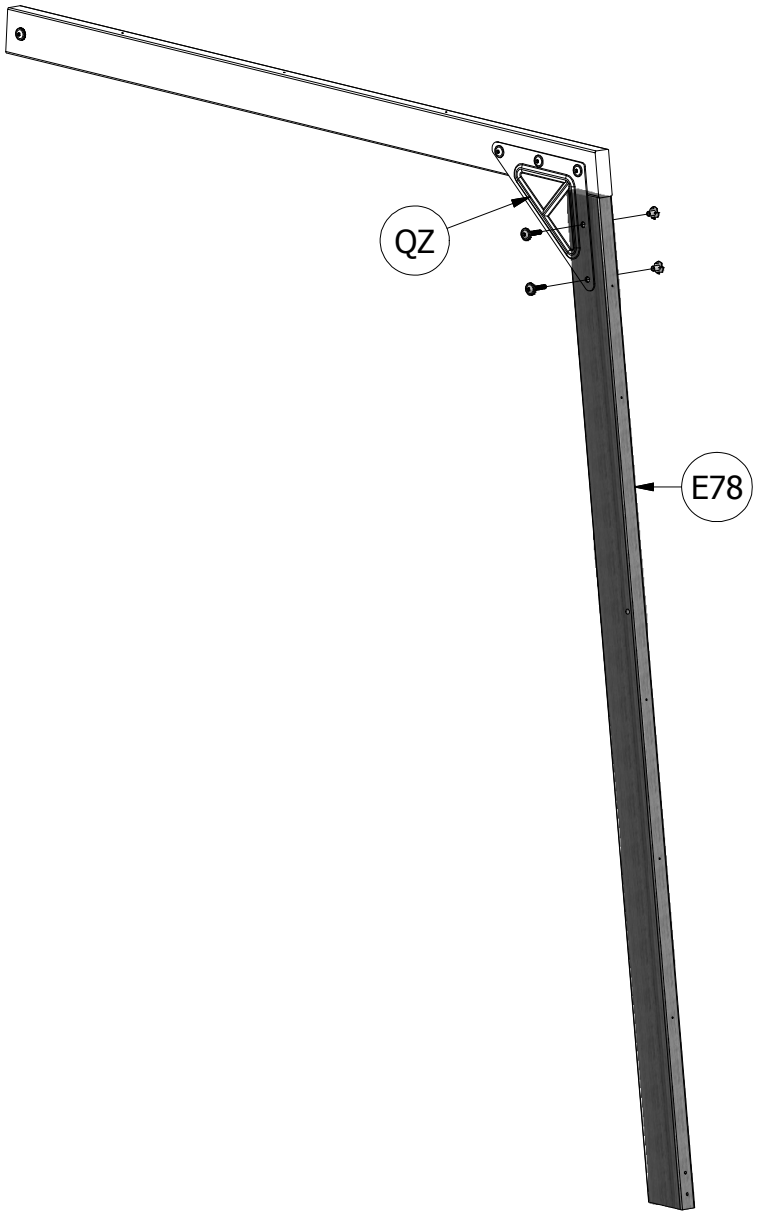
(4) BOLT WH 5/16x1-1/2

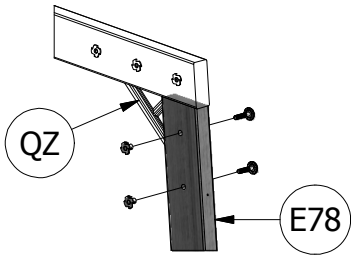
(4) T-NUT 5/16

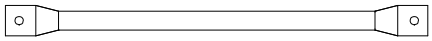
STEP 2

ASSEMBLE WITH HARDWARE AS SHOWN.

REPEAT PROCESS FOR OTHER SIDE OF MONKEY BAR ASSEMBLY.

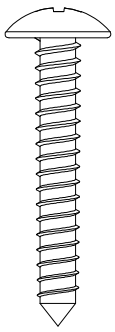






(6) ***EC - METAL RUNG 559 - A100045***

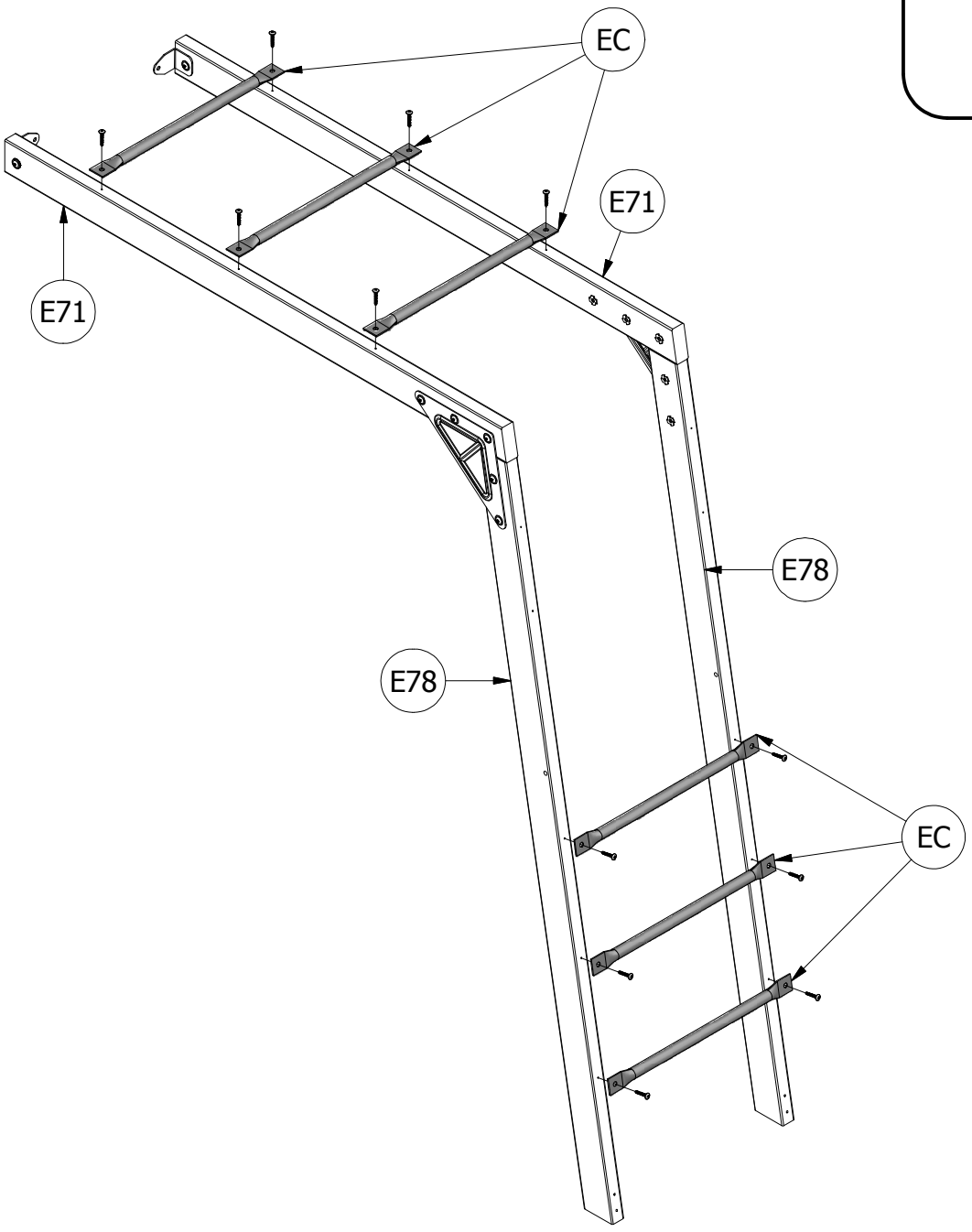
MONKEY BAR ASSEMBLY



(12) SCREW TAPPING 14x1-1/2

STEP 3

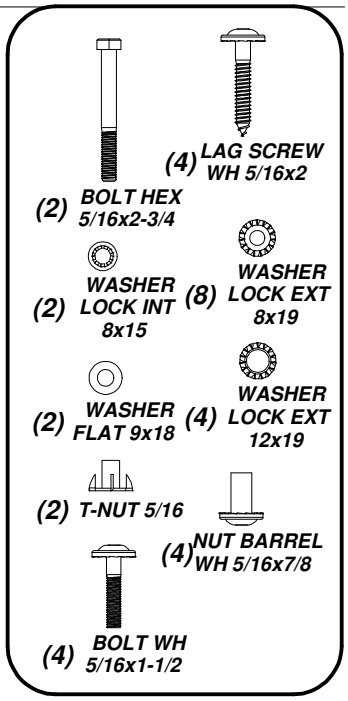
ASSEMBLE AS SHOWN INTO PRE-DRILLED HOLES.



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

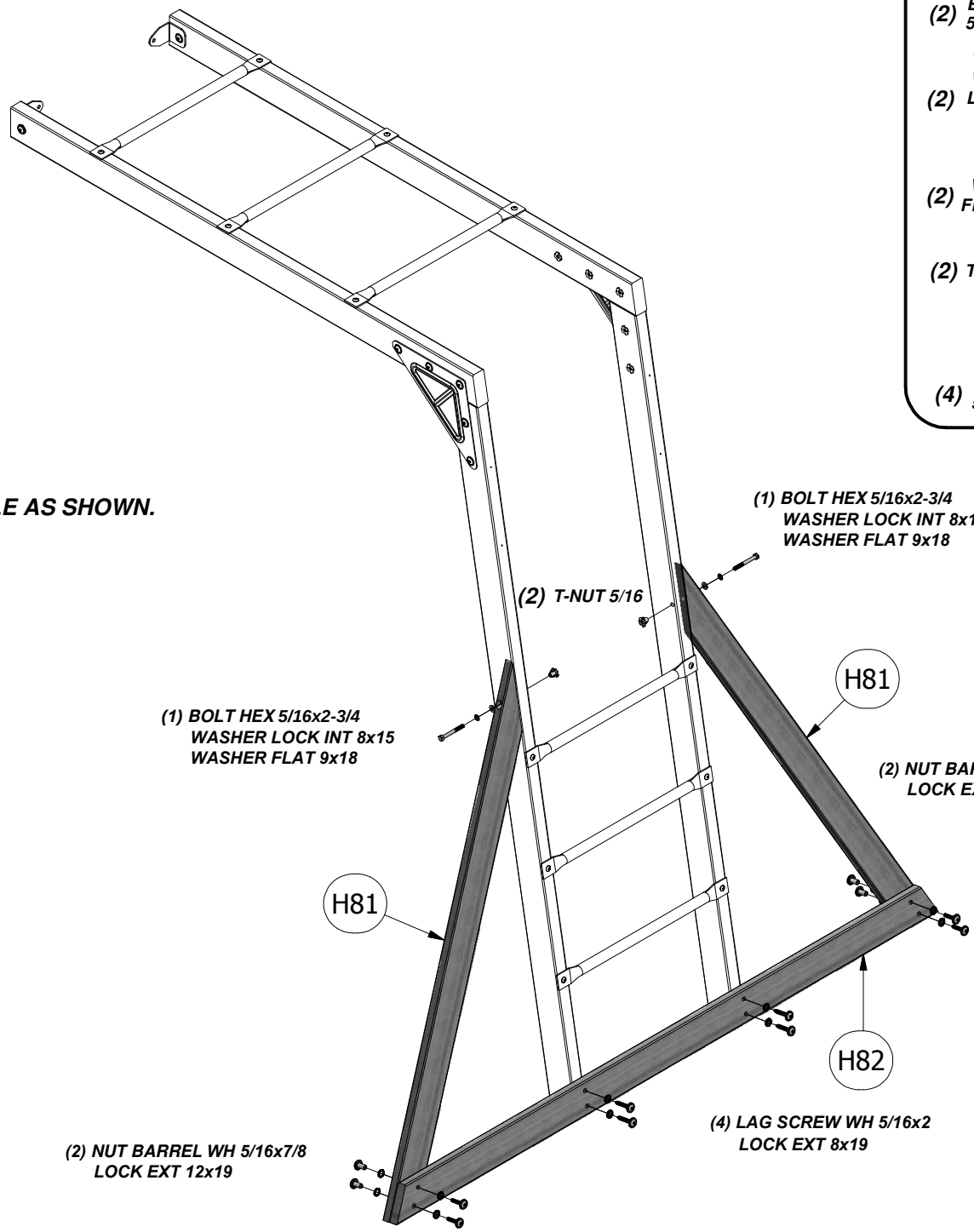
(1) ***H82 - MONKEY BAR GROUND BOARD - W100994***
1"x3 3/8"x70 3/8" (24x86x1786)

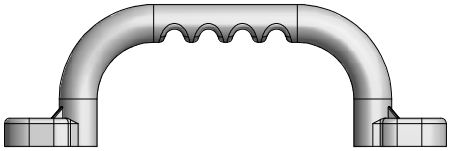
MONKEY BAR ASSEMBLY



STEP 4

ASSEMBLE AS SHOWN.





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

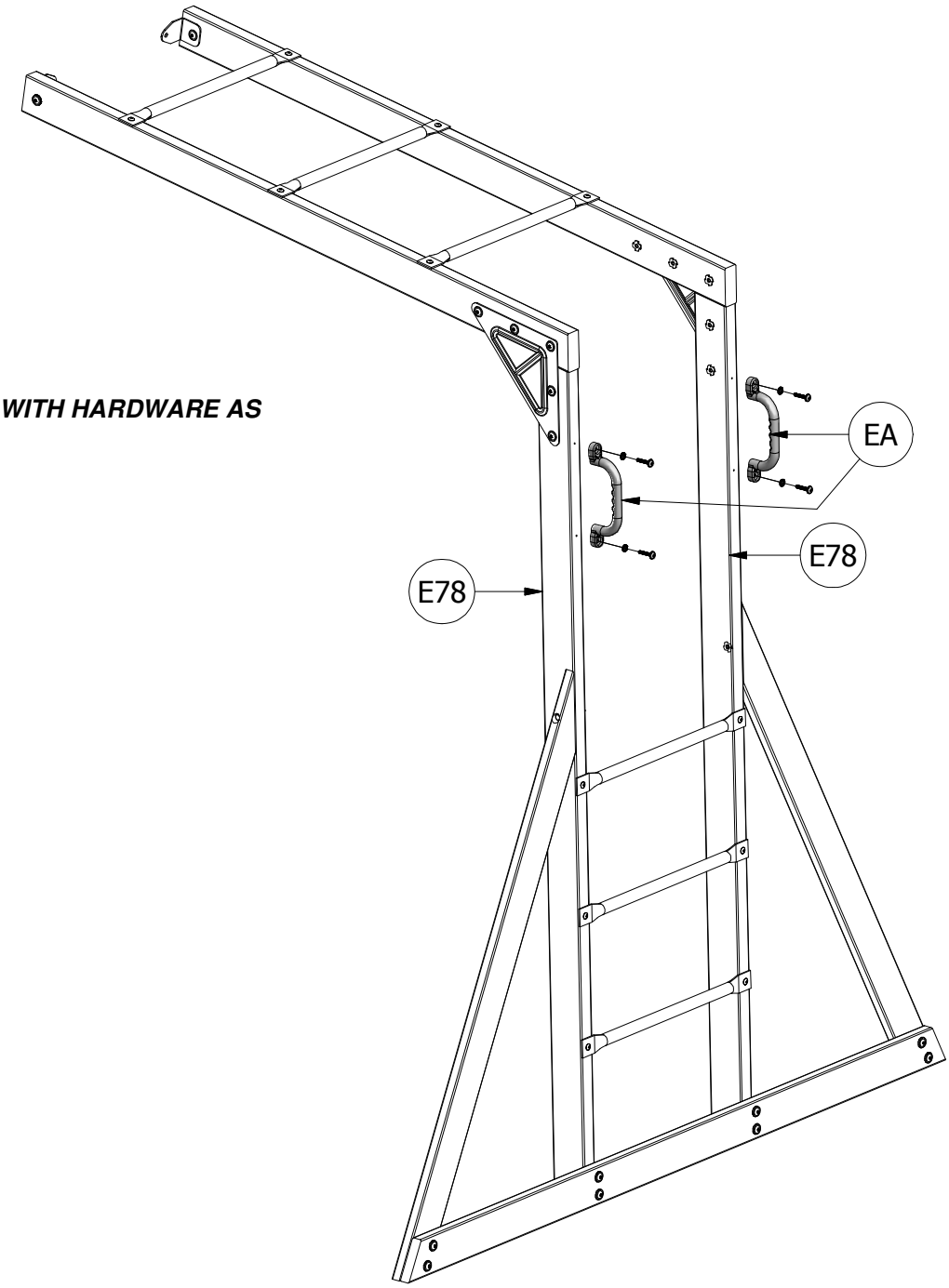
MONKEY BAR ASSEMBLY

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

(4) WASHER LOCK EXT 6x15

STEP 5

ASSEMBLE WITH HARDWARE AS SHOWN.



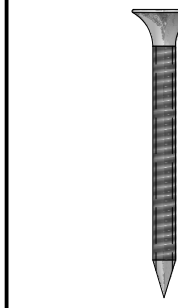
(2) ***E2 - UPRIGHT - W103773***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)

(2) ***M5 - FACE BOARD - W101599***
5/8"x3 3/8"x43 1/8" (16x86x1094)

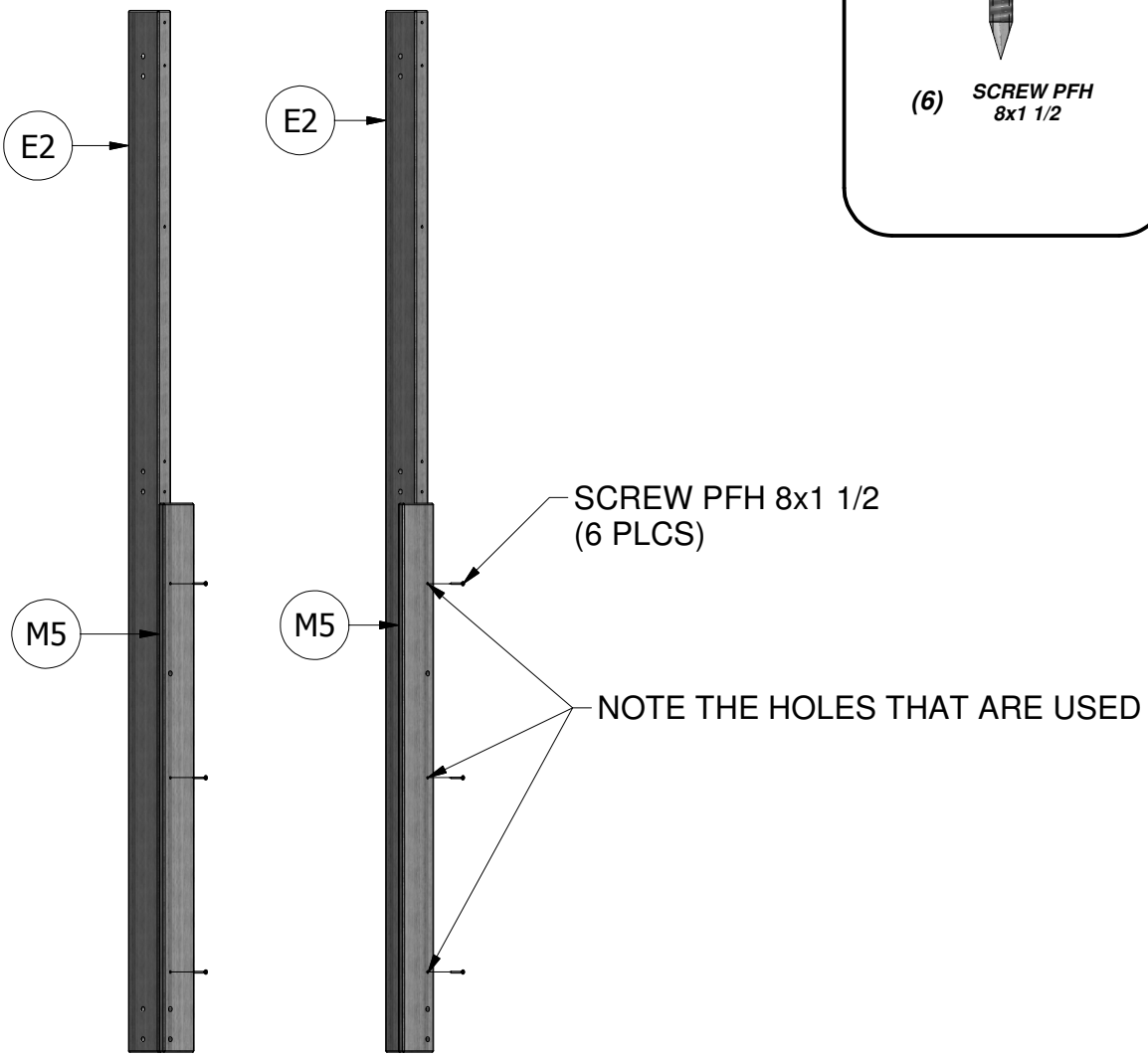
STEP 1

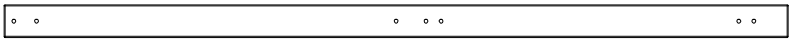
ATTACH M5 BOARDS TO E2 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

NOTE THE ORIENTATION OF THE HOLES WITH THE E2 BOARDS.

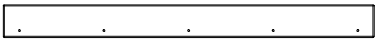


(6) ***SCREW PFH 8x1 1/2***





(1) ***E3 - UPRIGHT - W101256***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)



(2) ***M6 - LOWER FACE BOARD - W101598***
5/8"x3 3/8"x38 5/8" (16x86x982)

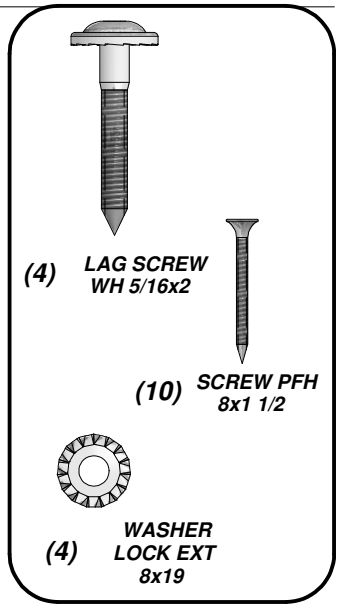
(1) ***E1 - UPRIGHT - W101261***
1 3/8"x3 3/8"x81 3/4" (36x86x2076)

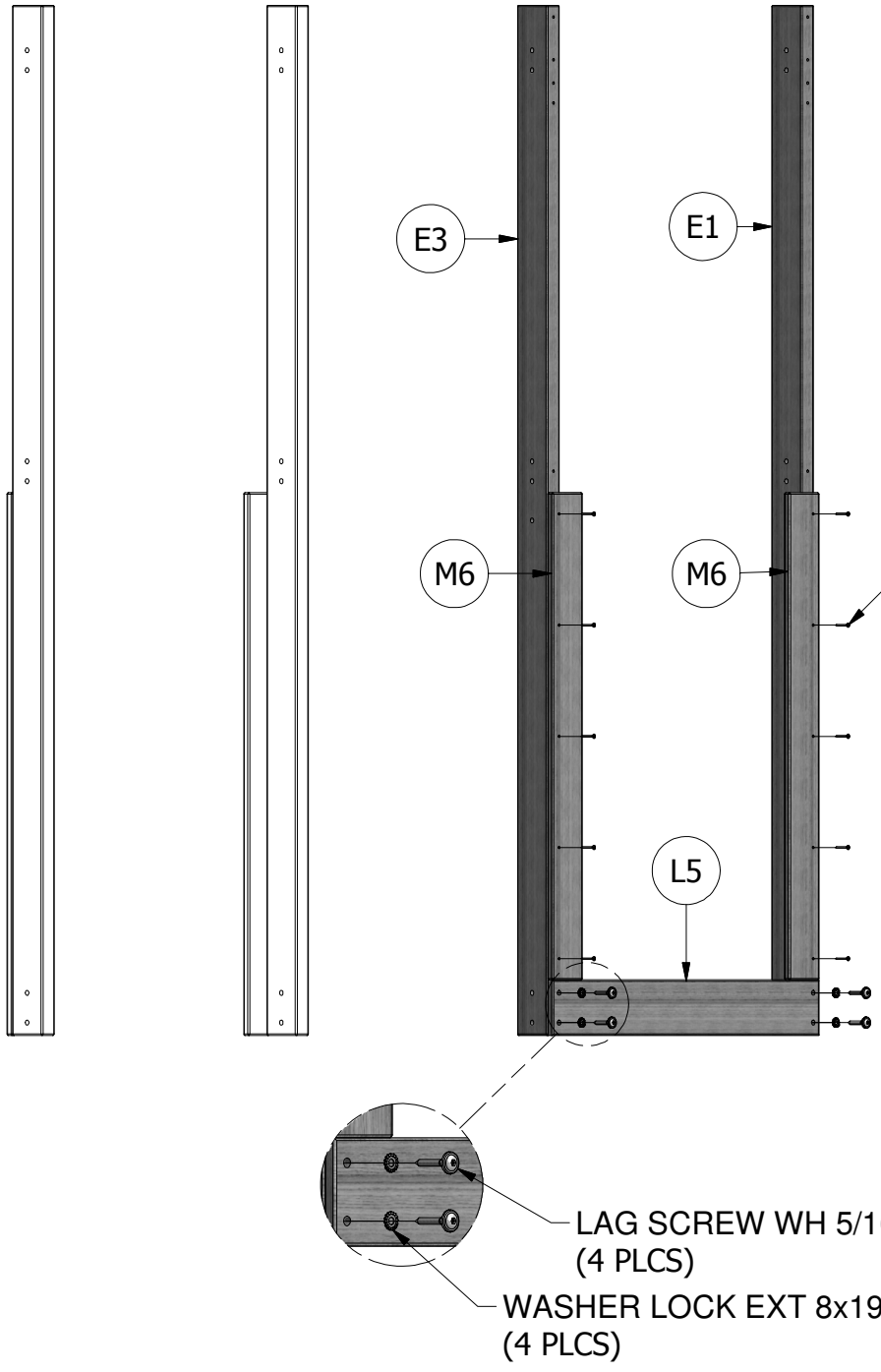
(1) ***L5 - GROUND BOARD - W100686***
5/8"x4 3/8"x30" (16x112x762)

STEP 2

ATTACH THE M6 BOARDS AND THE L5 BOARD TO THE E3 AND E1 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

NOTE THE ORIENTATION OF THE E3 AND E1 BOARDS.





(2) ***L2 - GROUND BOARD - W100684***
5/8"x4 3/8"x60 1/8" (16x112x1528)

STEP 3

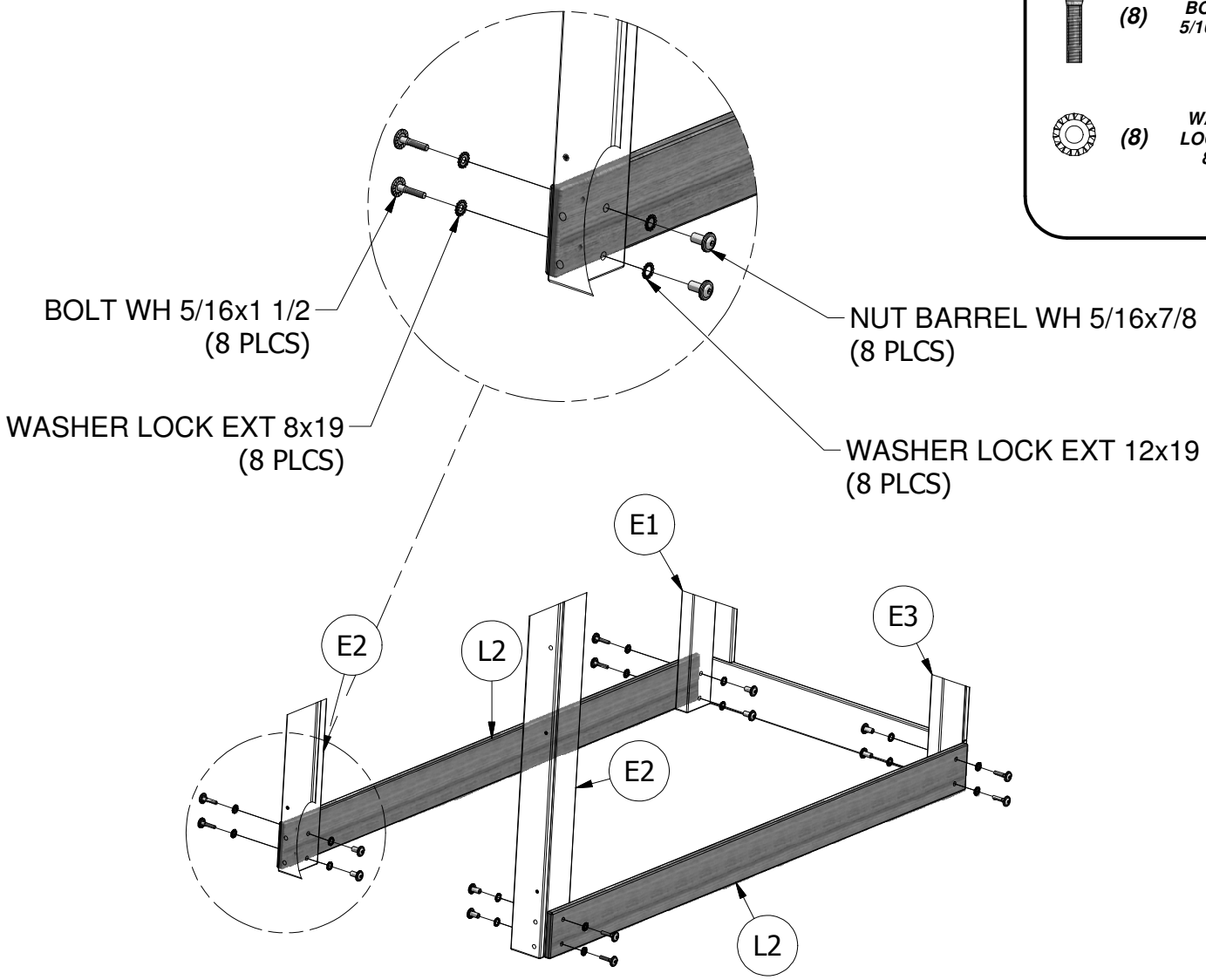
ATTACH THE L2 BOARDS TO THE E1, E3 AND E2 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

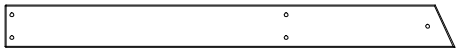
(8) ***NUT BARREL WH 5/16x7/8***

(8) ***WASHER LOCK EXT 12x19***

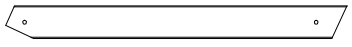
(8) ***BOLT WH 5/16x1 1/2***

(8) ***WASHER LOCK EXT 8x19***

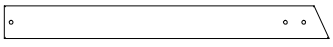




(1) ***L3 - GROUND BOARD - W101602***
5/8"x4 3/8"x46 7/8" (16x112x1191)



(1) ***M9 - ANGLE BRACE - W100696***
5/8"x3 3/8"x35 5/8" (16x86x904)

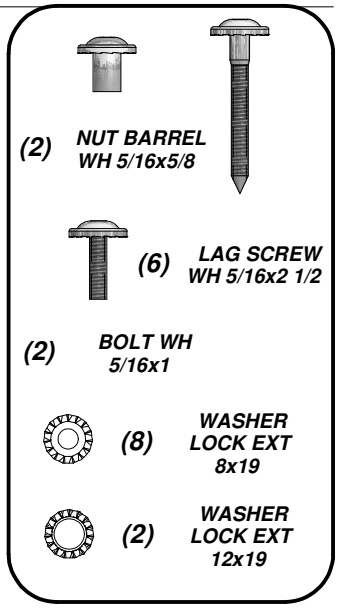


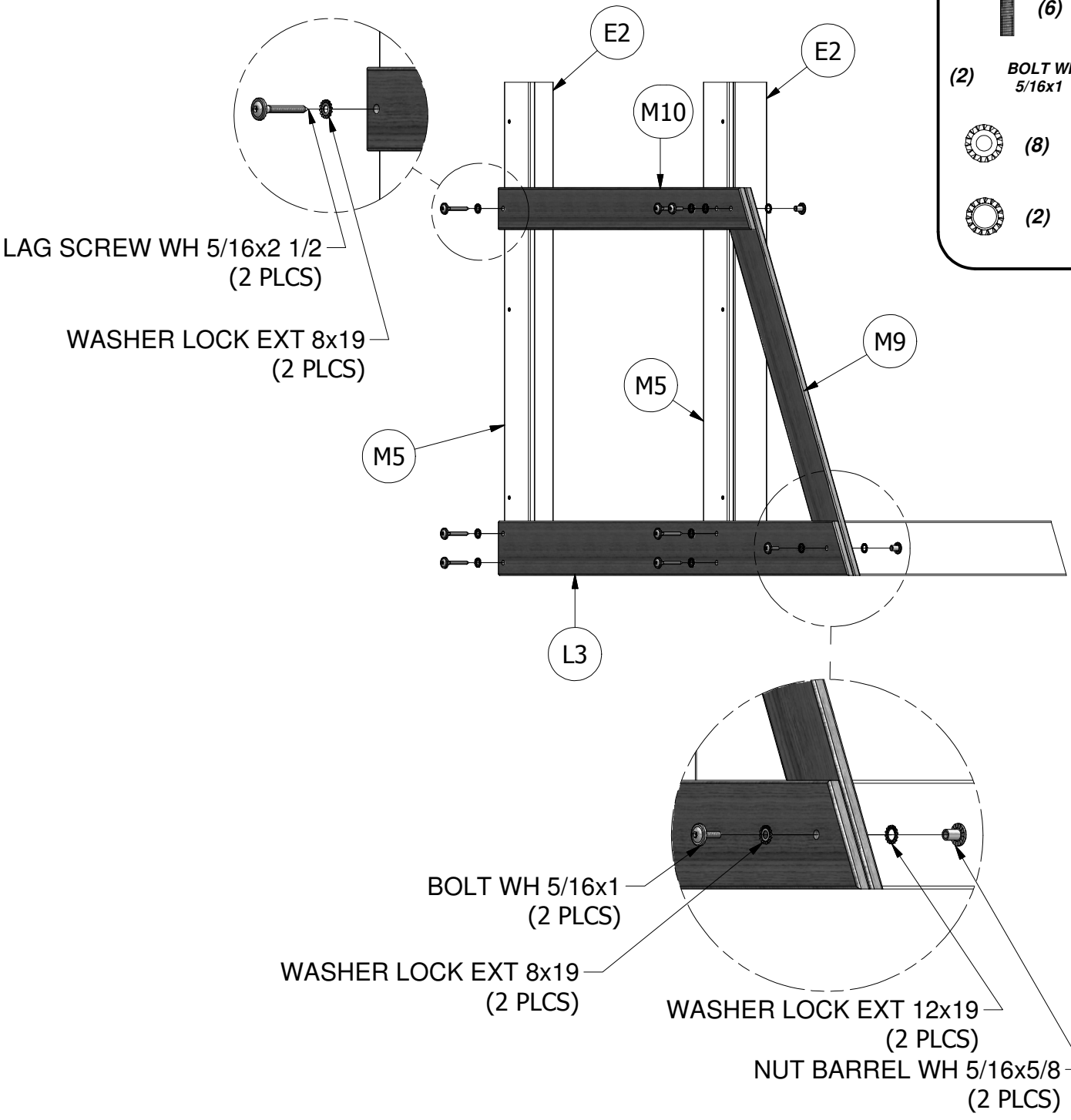
(1) ***M10 - SAFETY BOARD - W100701***
5/8"x3 3/8"x33 7/8" (16x86x860)

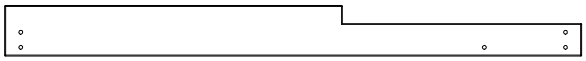
STEP 4

ATTACH M10 AND L3 BOARDS TO THE M5 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

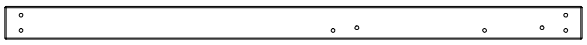
ATTACH M9 BOARD TO THE M10 AND THE L3 BOARD USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.







(1) ***K4 - FLOOR RAIL - W103700***
5/8"x5 1/4"x60 1/8" (16x134x1528)

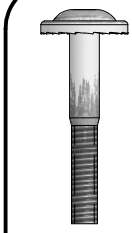


(1) ***M13 - FLOOR RAIL - W103774***
5/8"x3 3/8"x60 1/8" (16x86x1528)

STEP 5

ATTACH M13 BOARD TO THE E1 BOARD AND THE E2 BOARD USING HARDWARE SHOWN THROUGH PRE DRILLED HOLES. NOTE THE ORIENTATION OF HOLES THAT WILL BE USED LATER IN THE M13 BOARD.

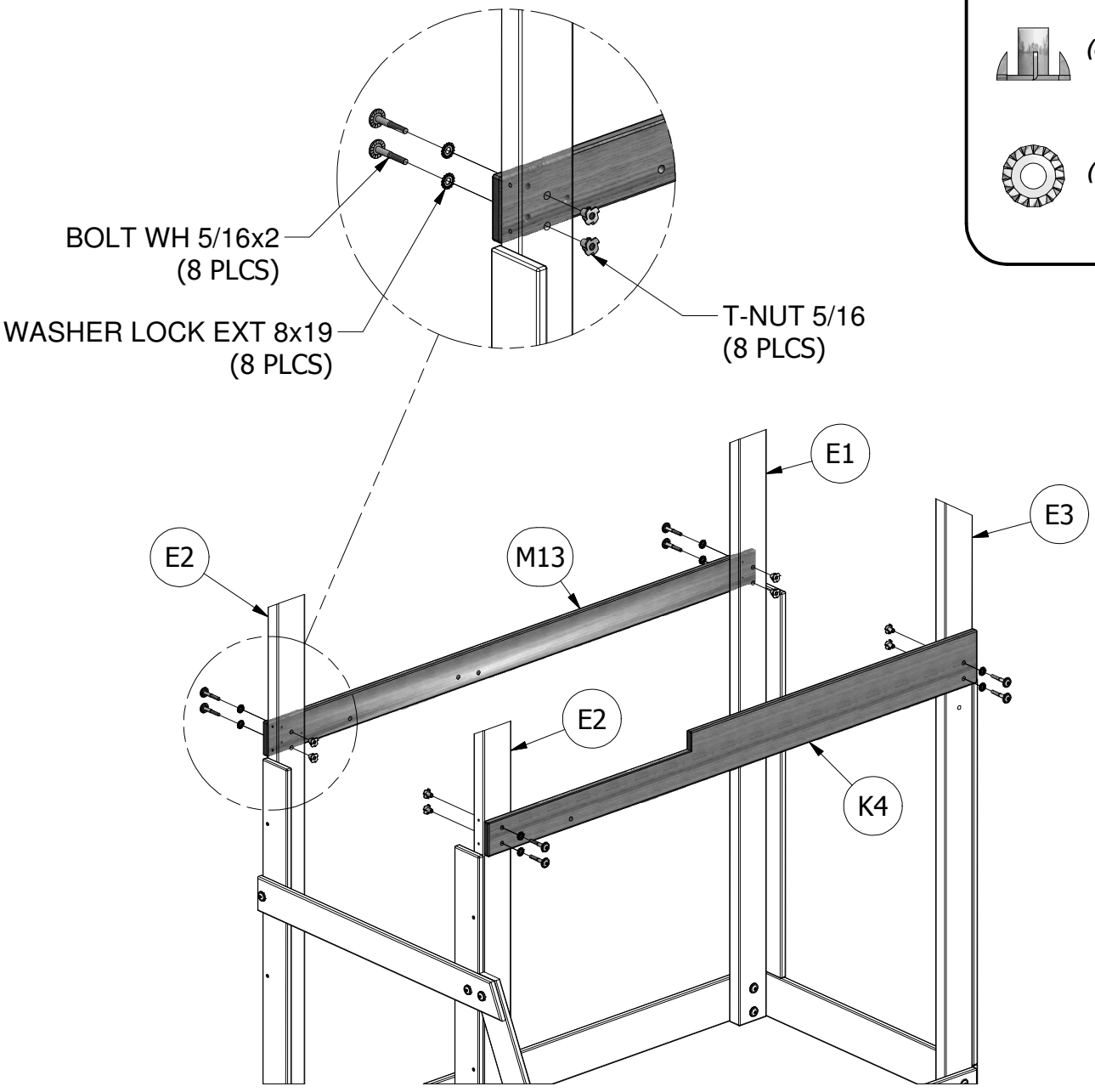
ATTACH K4 BOARD TO E3 BOARD AND E2 BOARD USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

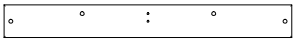


(8) ***BOLT WH 5/16x2***

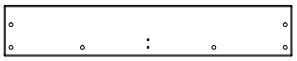
(8) ***T-NUT 5/16***

(8) ***WASHER LOCK EXT 8x19***





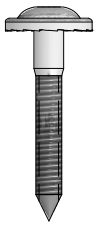
(1) ***M14 - FLOOR SUPPORT BOARD - W103944 5/8"x3 3/8"x30" (16x86x762)***



(1) ***K5 - FLOOR RAIL - W103768 5/8"x5 1/4"x30" (16x134x762)***

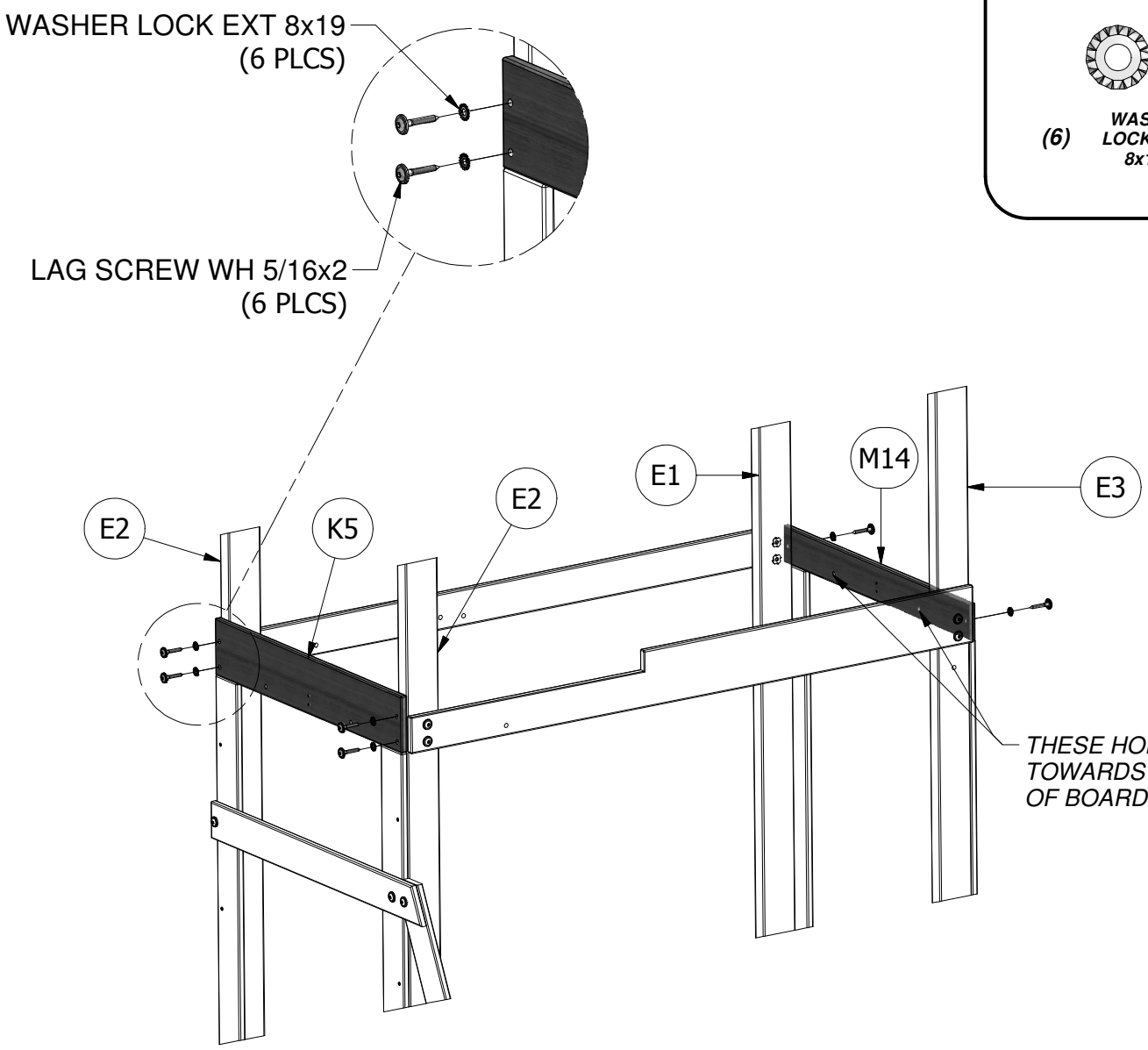
STEP 6

ATTACH K5 BOARD TO E2 BOARDS AND ATTACH M14 BOARD TO E1 AND E3 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.



(6) LAG SCREW WH 5/16x2

(6) WASHER LOCK EXT 8x19



(2) ***SP1 - FLOOR SUPPORT CLEAT - W100711***
1"x1"x53 3/8" (24x24x1356)

(2) ***F71 - STANDARD ANGLE BRACE - W100689***
1 3/8"x2 3/8"x13" (36x60x330)

(4) ***J2 - END FLOOR CLEAT - W100710***
1"x2 3/8"x3 3/8" (24x60x86)

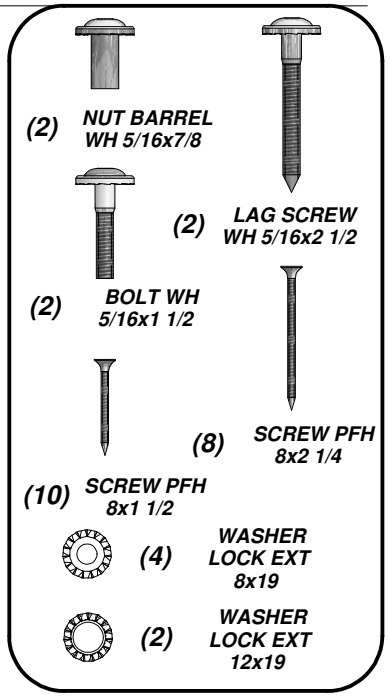
STEP 7

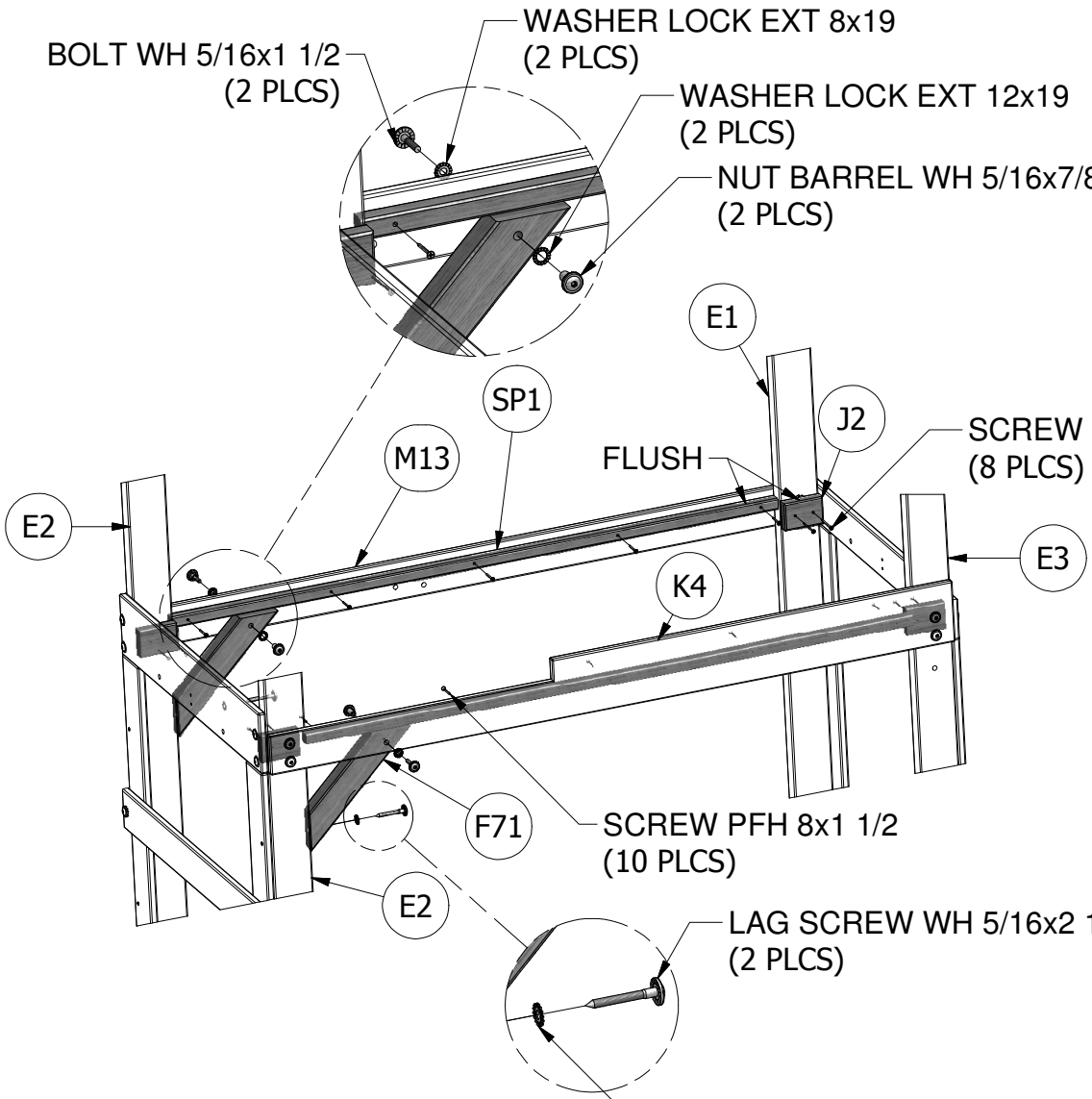
FIRST ATTACH A F71 BRACE TO A M13 BOARD AND A F71 BRACE TO A K4 BOARD USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLE.

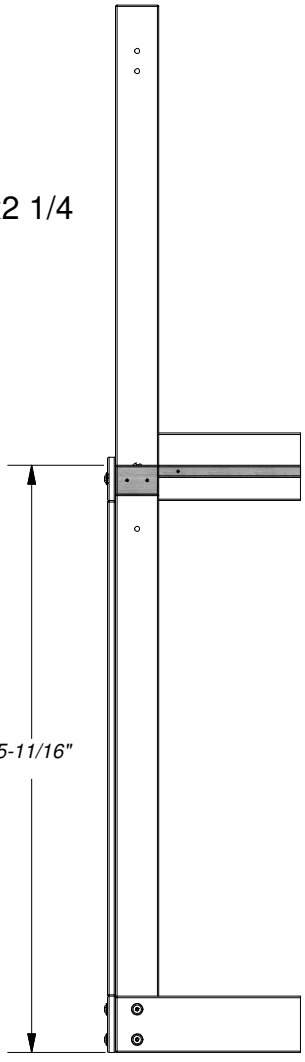
PRE DRILL AND ATTACH THE F71 BRACES TO E2 BOARDS.

ATTACH A SP1 BOARD TO M13 BOARD AND K4 BOARD RESTING ON F71 BRACES. USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

ATTACH J2 BOARDS TO EACH E2 BOARD AND TO THE E1 AND E3 BOARDS. THE TOP OF THE J2 BOARDS SHOULD BE FLUSH WITH THE TOP OF THE SP1 BOARDS. ATTACH THROUGH PRE DRILLED HOLES WITH HARDWARE SHOWN.







VERIFY THAT FORT IS STILL SQUARE, BEFORE FASTENING F71 BOARDS TO E2 BOARDS

(4) ***F71 - STANDARD ANGLE BRACE - W100689***
1 3/8"x2 3/8"x13" (36x60x330)

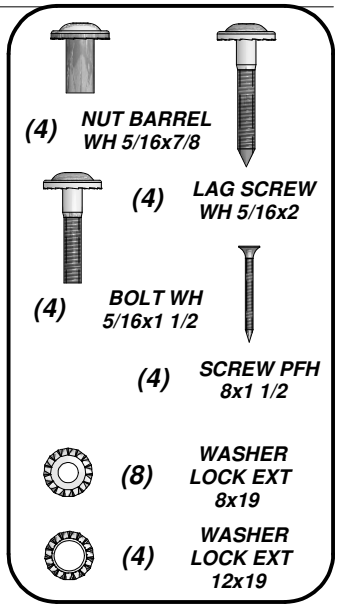
(1) ***J3 - FLOOR JOIST - W100984***
1"x2 3/8"x60 1/8" (24x60x1528)

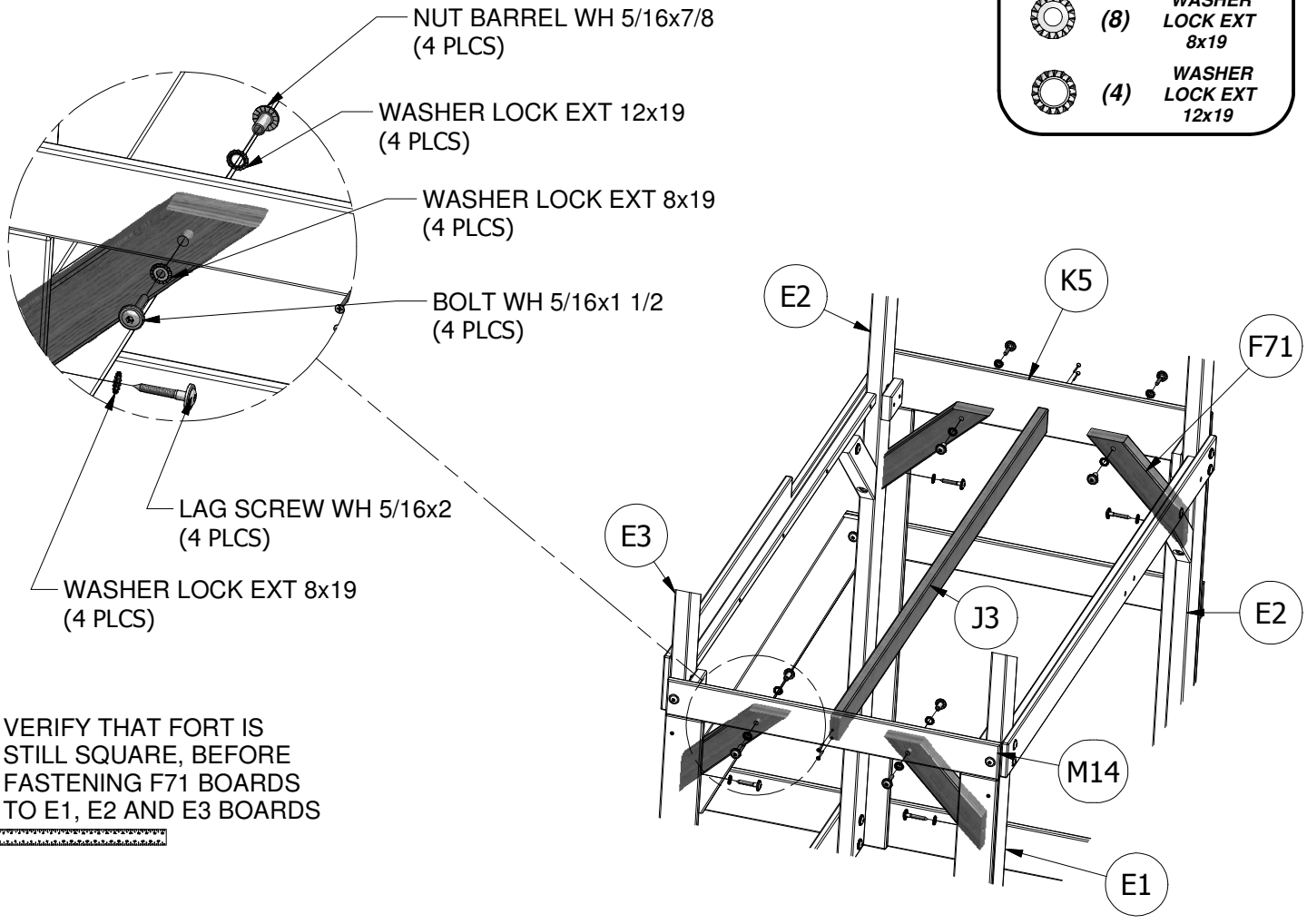
STEP 8

ATTACH F71 BRACES TO K5 AND M14 BOARDS THROUGH PRE DRILLED HOLES WITH HARDWARE AS SHOWN

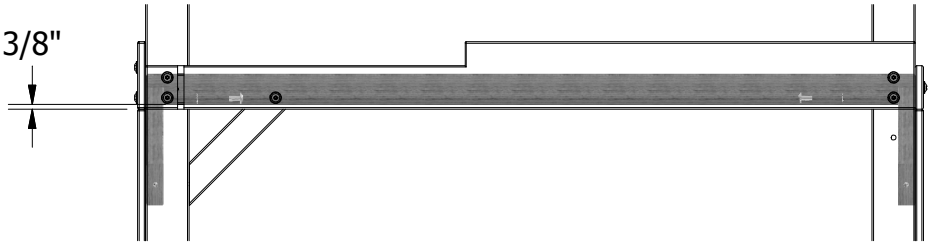
PRE DRILL E1, E3, AND E2 BRACES AND FASTEN F71 BOARDS TO THEM WITH HARDWARE AS SHOWN

ATTACH J3 FLOOR JOIST TO M14 AND K5 BOARDS WITH BOTTOM OF J3 JOIST BEING 3/8" FROM BOTTOM OF M14 AND K5 BOARDS WITH HARDWARE SHOWN THROUGH PRE DRILLED HOLES.





VERIFY THAT FORT IS STILL SQUARE, BEFORE FASTENING F71 BOARDS TO E1, E2 AND E3 BOARDS

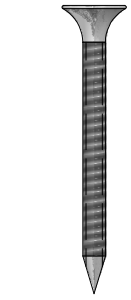


(2) ***L9 - END FLOOR BOARD - W102863***
5/8"x4 3/8"x29 7/8" (16x112x760)

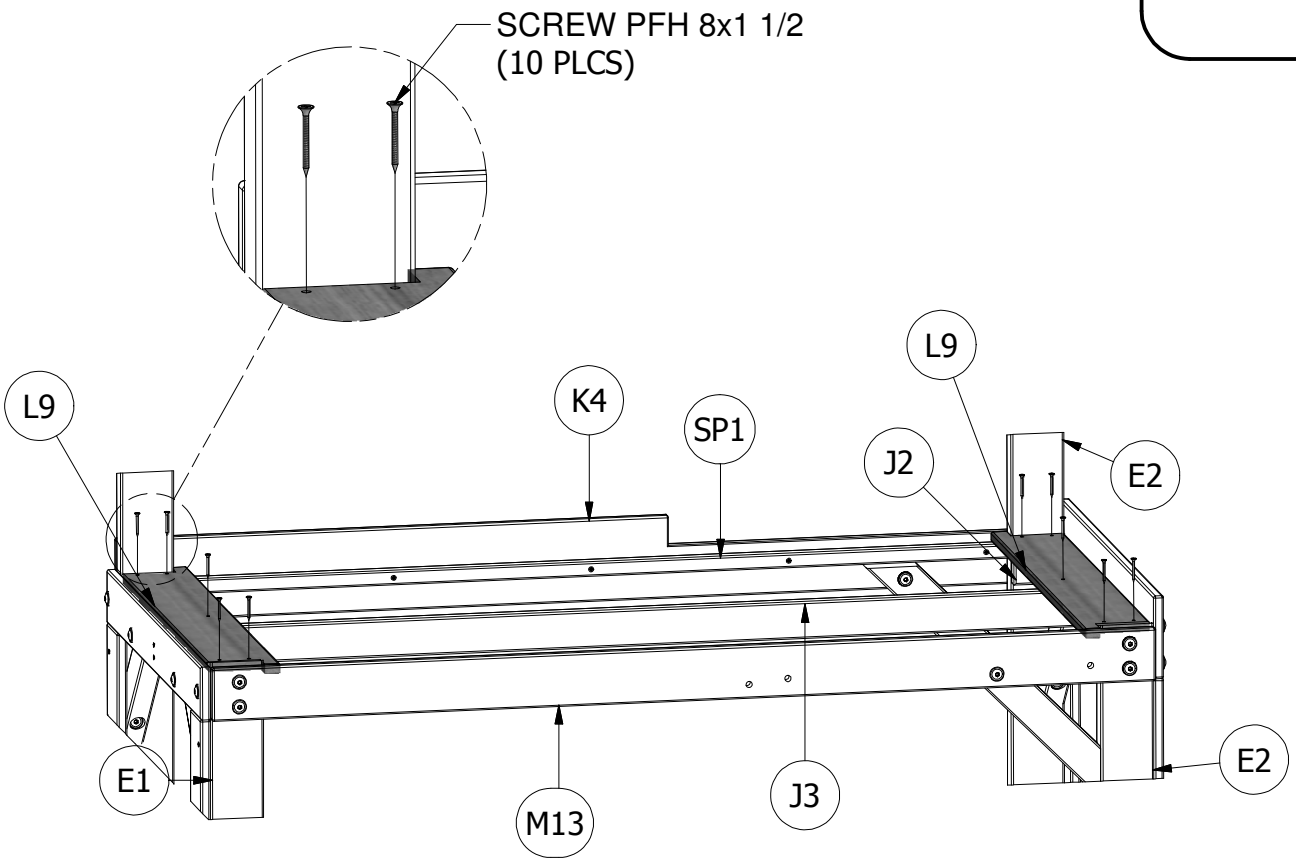
STEP 9

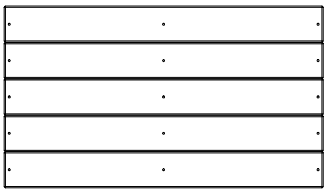
PLACE L9 BOARDS ON THE J3 FLOOR JOIST AND J2 SUPPORT BOARDS. L9 BOARD WILL SIT UP AGAINST THE E2 BOARDS AND THE E3 AND E1 BOARD AS SHOWN.

ATTACH L9 BOARDS TO J2 BOARDS AND J3 FLOOR JOIST THROUGH PRE DRILLED HOLES.



(10) ***SCREW PFH 8x1 1/2***

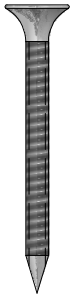




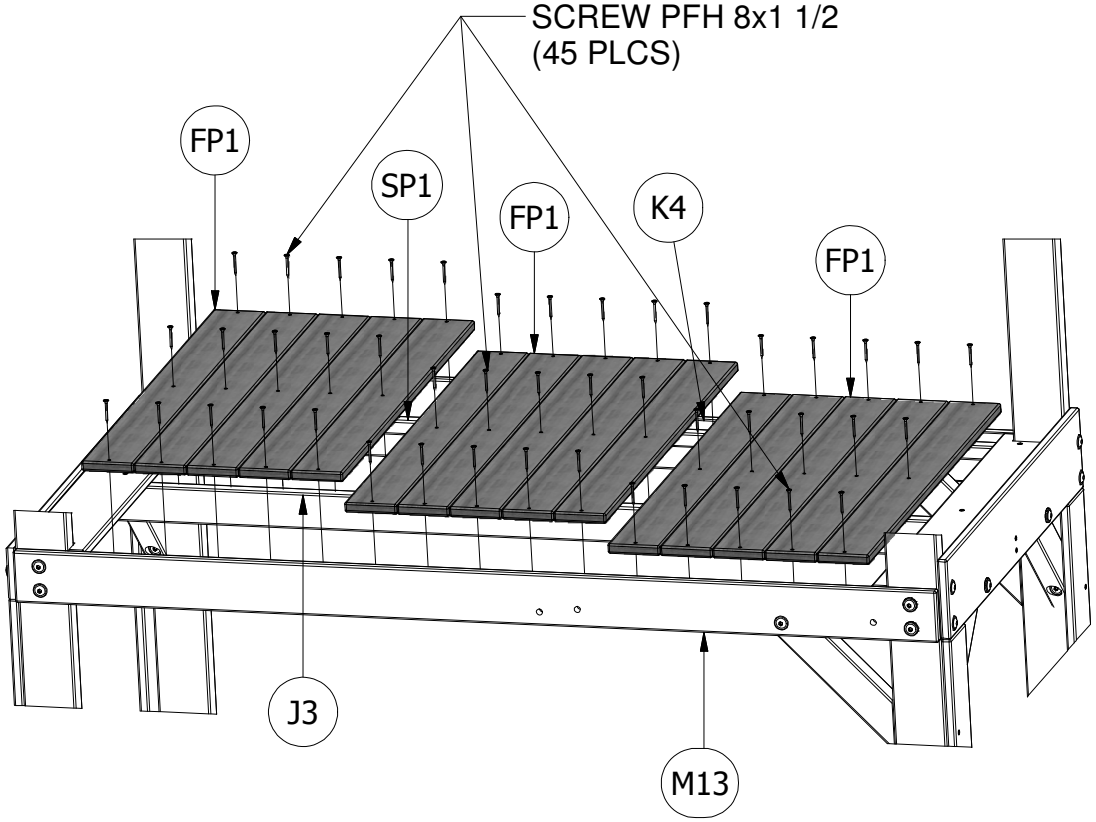
(3) FP1 - FLOOR PANEL - W102861

STEP 10

ATTACH FP1 FLOOR PANELS TO SP1 BOARDS AND J3 FLOOR JOIST USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.



(45) ***SCREW PFH 8x1 1/2***



(1) ***M12 - MONKEY BAR ARCH BOARD - W103775***
5/8"x3 3/8"x30" (16x86x762)

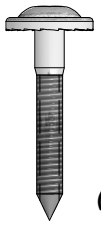
(2) ***M11 - UPPER FACE BOARD - W102866***
5/8"x3 3/8"x26 5/8" (16x86x676)

STEP 11

ATTACH 1/4" T-NUTS TO M11 BOARDS AS SHOWN.

ATTACH M11 BOARDS TO E1 BOARD AND E3 BOARD WITH HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

ATTACH M12 BOARD TO E3 AND E1 BOARDS THROUGH PRE DRILLED HOLES WITH HARDWARE AS SHOWN.

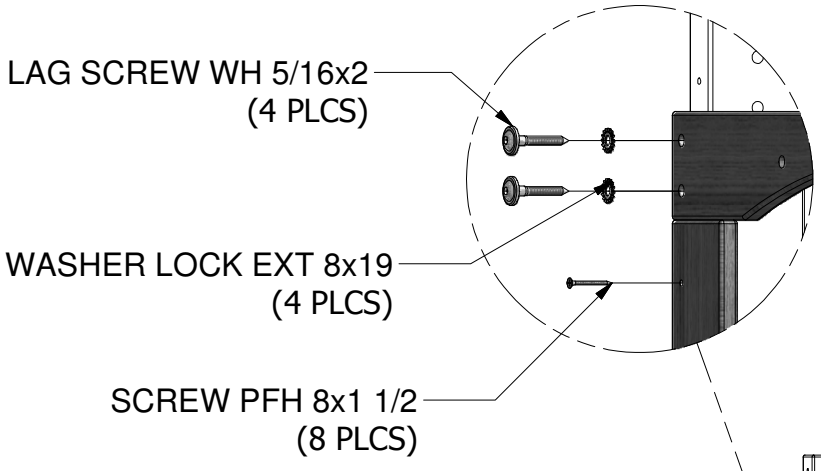


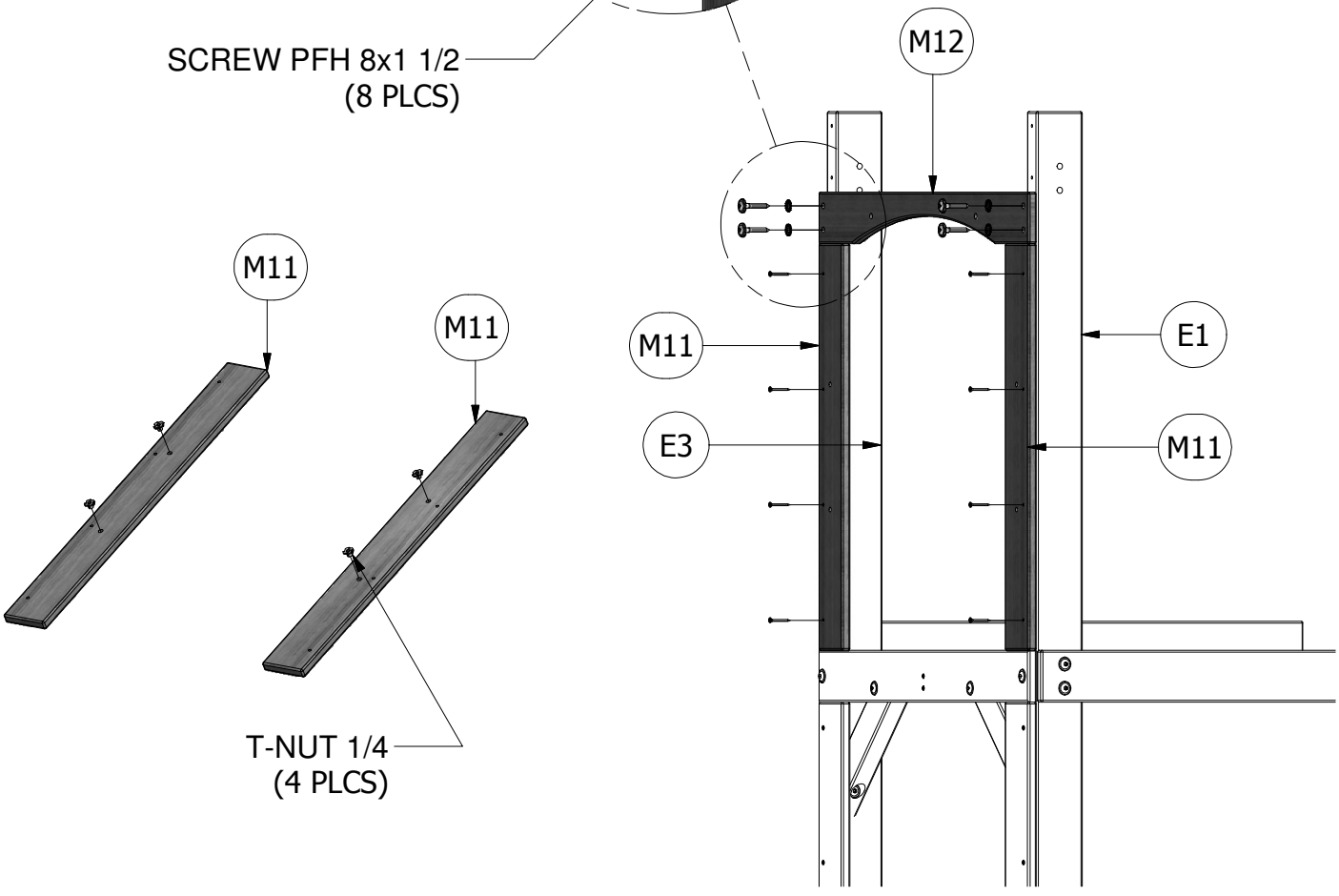
(8) ***SCREW PFH 8x1 1/2***

(4) ***LAG SCREW WH 5/16x2***

(4) ***WASHER LOCK EXT 8x19***

(4) ***T-NUT 1/4***





(1) ***L6 - ARCHED RAIL - W100694***
5/8"x4 3/8"x60 1/8" (16x112x1528)

(1) ***L7 - ARCHED SCULPTURED RAIL - W100695***
5/8"x4 3/8"x60 1/8" (16x112x1528)

STEP 12

ATTACH L6 BOARD AS SHOWN TO E1 AND E2 BOARDS THROUGH PRE DRILLED HOLES USING HARDWARE AS SHOWN.

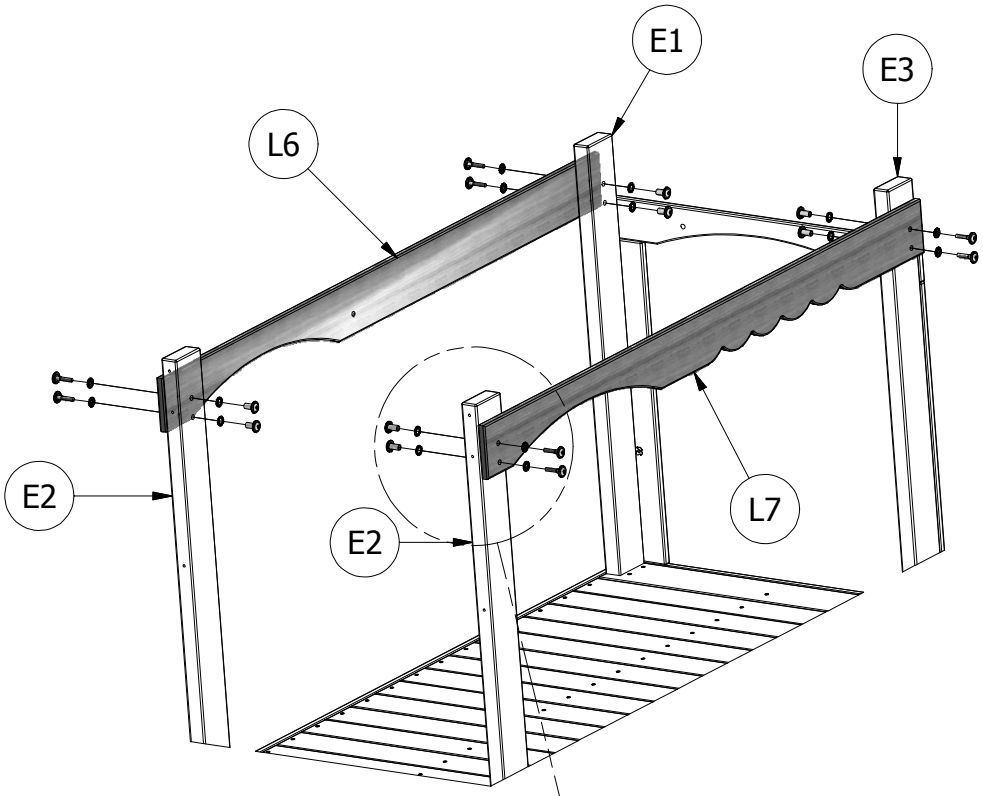
ATTACH L7 BOARD AS SHOWN TO E3 AND E2 BOARDS THROUGH PRE DRILLED HOLES USING HARDWARE AS SHOWN.

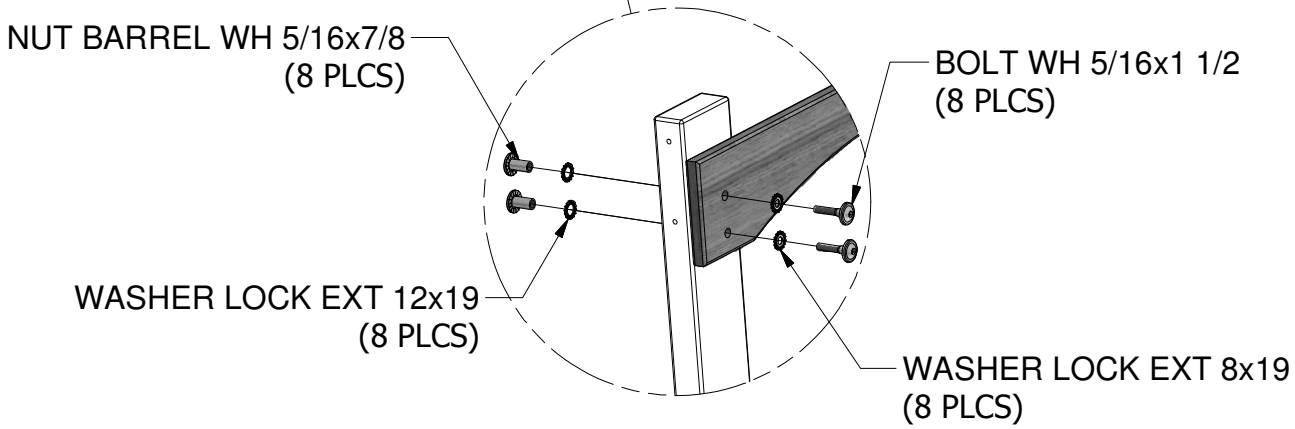
(8) NUT BARREL WH 5/16x7/8

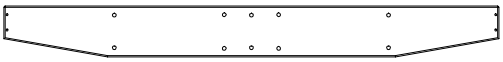
(8) BOLT WH 5/16x1 1/2

(8) WASHER LOCK EXT 8x19

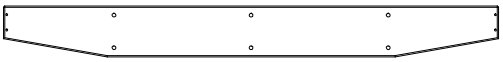
(8) WASHER LOCK EXT 12x19







(1) ***K1 - ROOF SWING BEAM SUPPORT - W100682 5/8"x5 1/4"x51 5/8" (16x134x1310)***



(1) ***K2 - ROOF SUPPORT - W100683 5/8"x5 1/4"x51 5/8" (16x134x1310)***

STEP 13

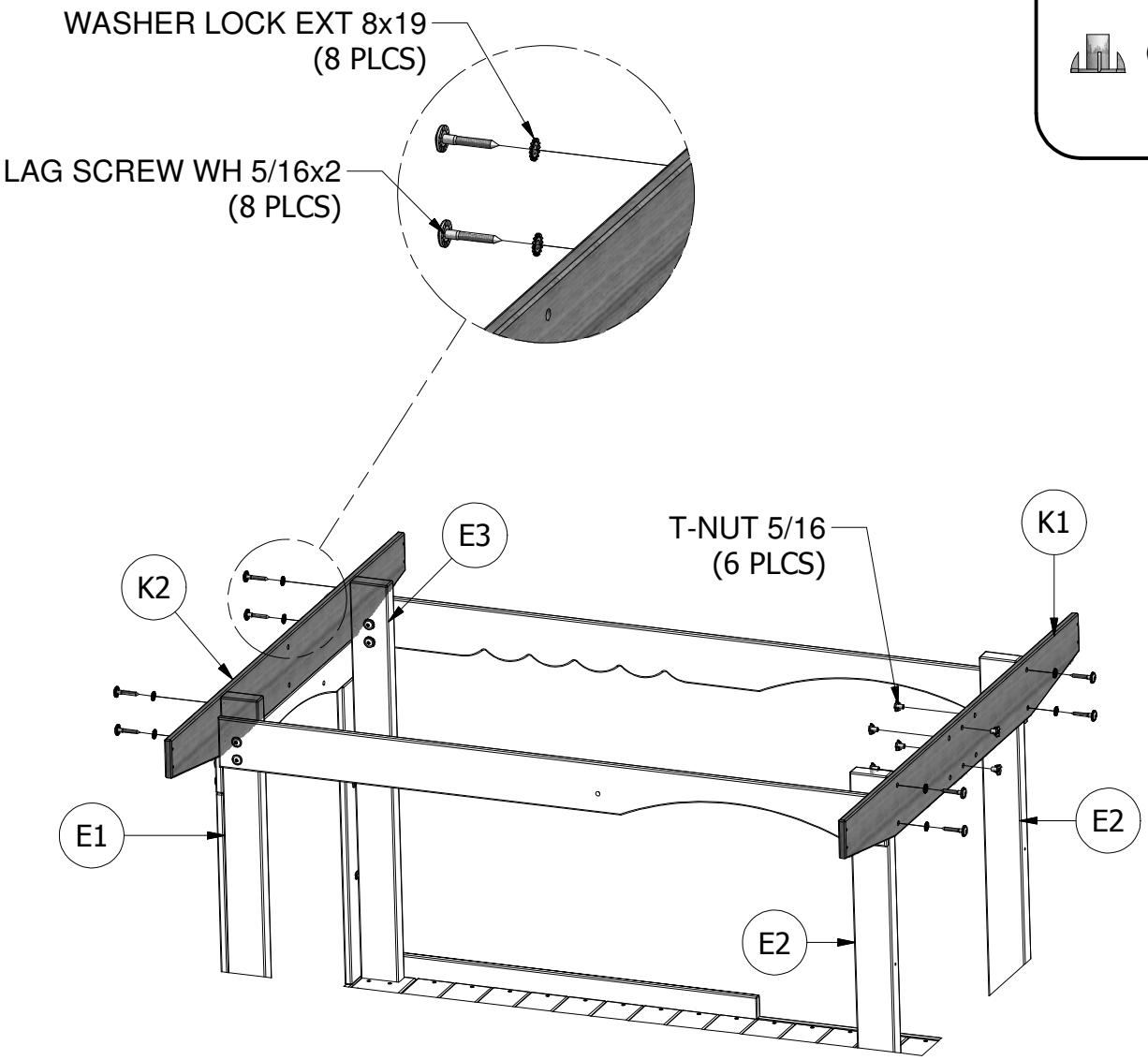
ATTACH 5/16 T NUTS TO K1 BOARD AS SHOWN AND ATTACH TO E2 BOARDS THROUGH PRE DRILLED HOLES WITH HARDWARE AS SHOWN.

ATTACH K2 BOARD TO E1, AND E3 BOARDS WITH HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

(8) LAG SCREW WH 5/16x2

(8) WASHER LOCK EXT 8x19

(6) T-NUT 5/16



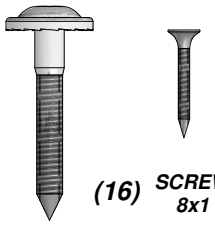
(1) ***M1 - PICKET RAIL - W103760***
5/8"x3 3/8"x30" (16x86x762)

(4) ***M18 - PICKET - W103761***
5/8"x3 3/8"x18 7/8" (16x86x480)

STEP 14

ATTACH M1 BOARD TO E2 BOARDS AS SHOWN.

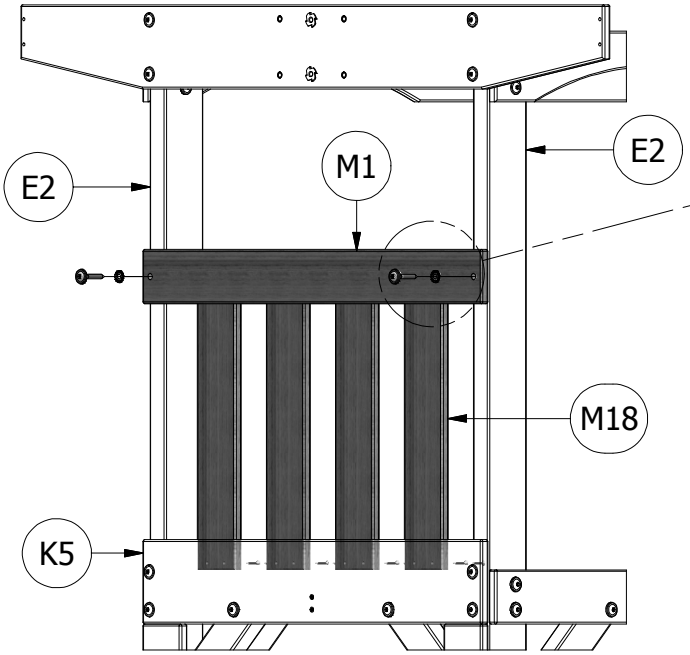
ATTACH M18 PICKETS TO M1 BOARD AND K5 BOARD USING SPACING AS SHOWN

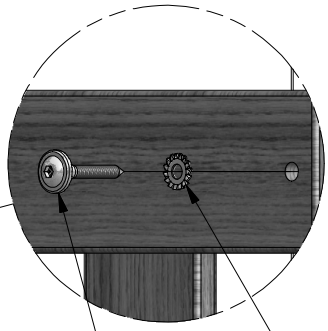


(16) ***SCREW PFH 8x1 1/8***

(2) ***LAG SCREW WH 5/16x2***

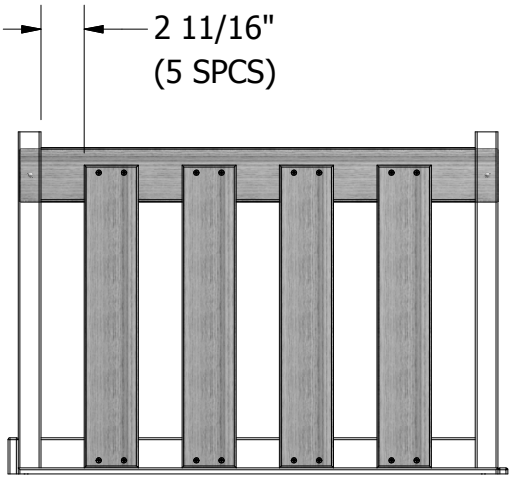
(2) ***WASHER LOCK EXT 8x19***

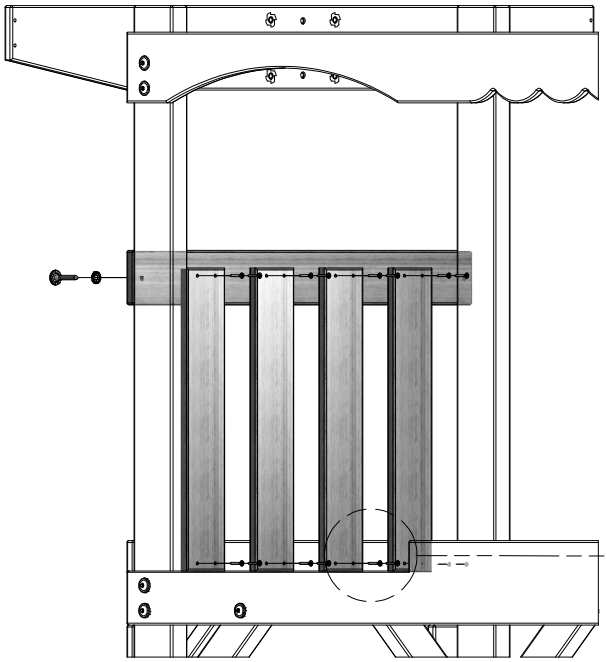


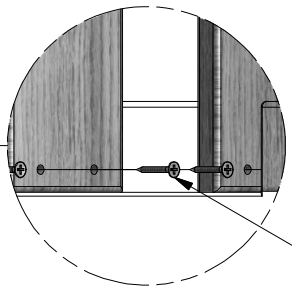


WASHER LOCK EXT 8x19
(2 PLCS)

LAG SCREW WH 5/16x2
(2 PLCS)







SCREW PFH 8x1 1/8
(16 PLCS)

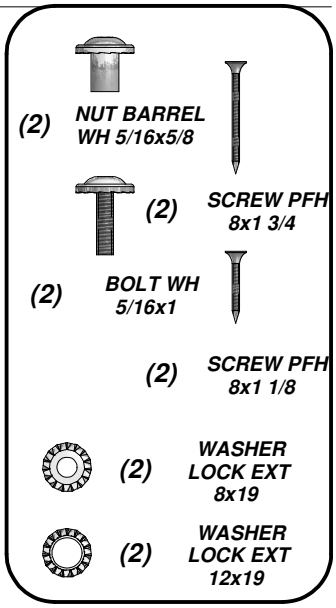
(1) ***M8 - WALL RAIL - W100700***
5/8"x3 3/8"x35 7/8" (16x86x910)

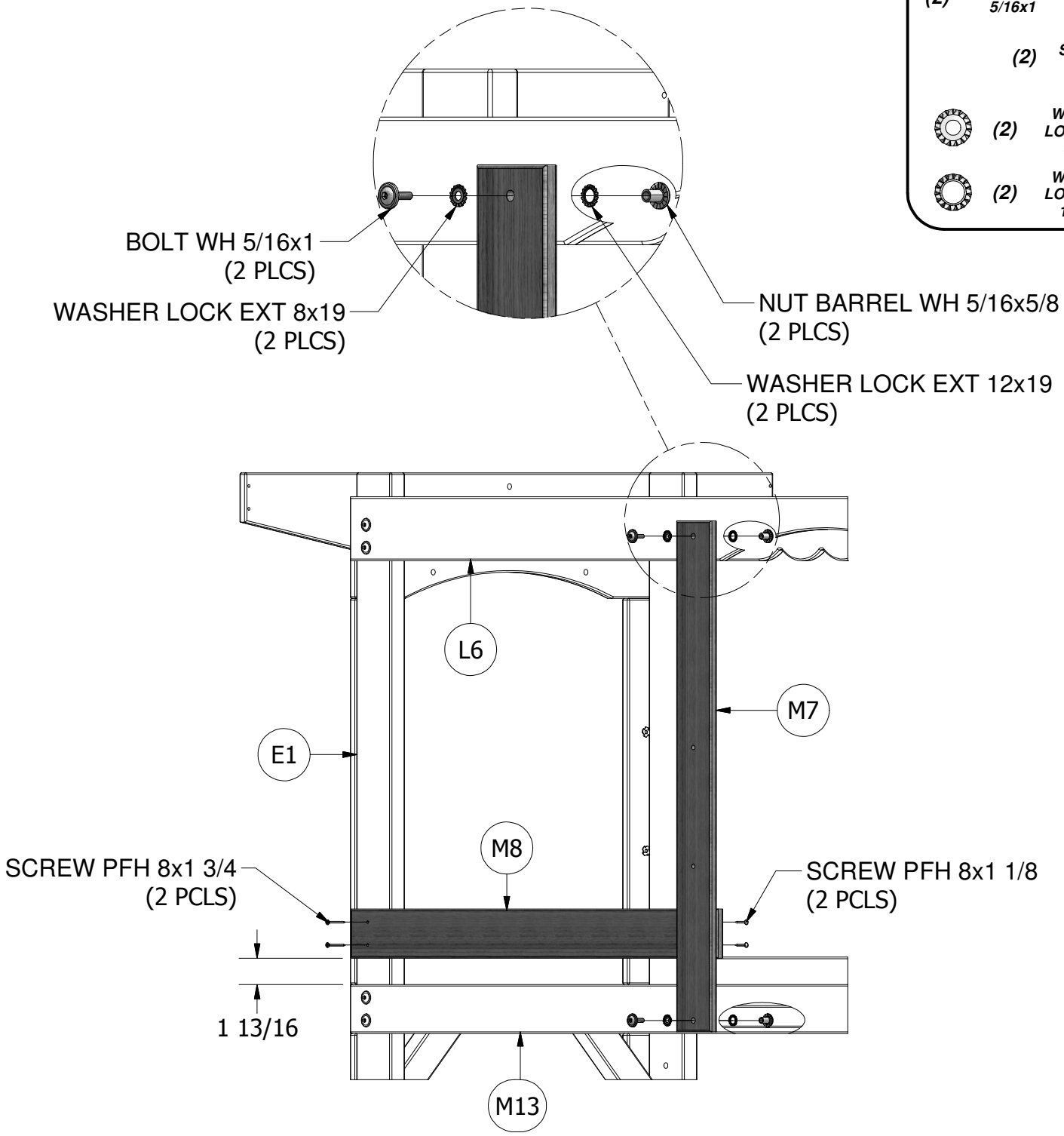
(1) ***M7 - WALL BOARD - W100708***
5/8"x3 3/8"x35 1/4" (16x86x895)

STEP 15

ATTACH M7 BOARD TO L6 BOARD AND M13 BOARD THROUGH PRE DRILLED HOLES USING HARDWARE AS SHOWN.

ATTACH M8 BOARD TO M7 BOARD AND E1 BOARD USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

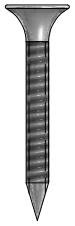




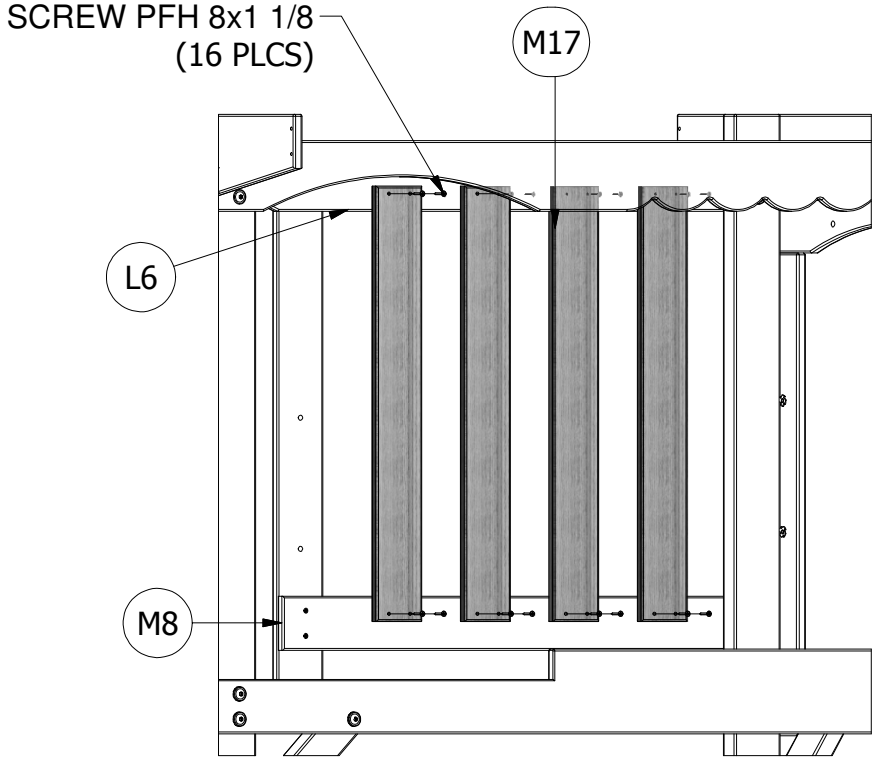
(4) ***M17 - PICKET - W100705***
5/8"x3 3/8"x27 1/8" (16x86x690)

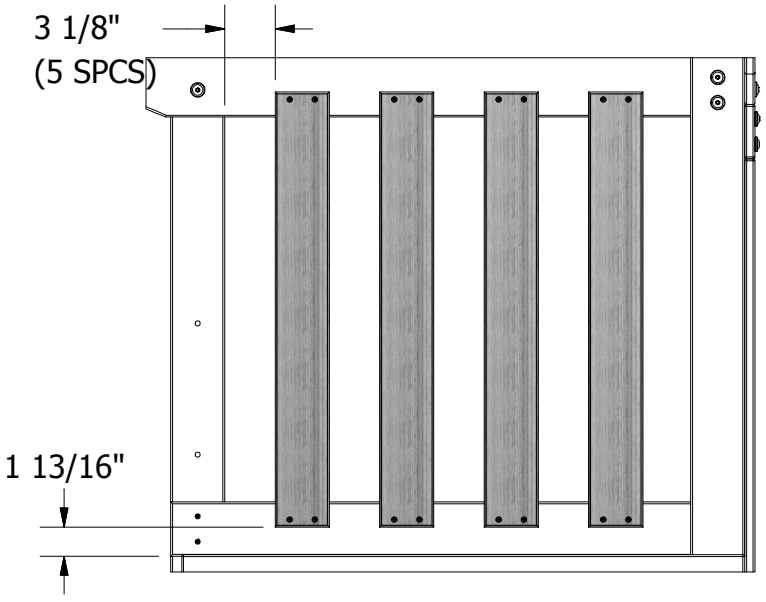
STEP 16

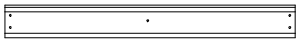
ATTACH M17 PICKETS TO L6 AND M8 BOARDS USING SPACING AND HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.



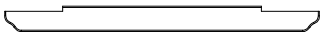
(16) ***SCREW PFH 8x1 1/8***







(4) ***K9-2 - WALL BOARD - W100712***
3/8"x3 3/8"x30 1/4" (11x86x768)



(1) ***J1 - WINDOW LEDGE - W100709***
1"x2 3/8"x29 1/2" (24x60x750)

(6) ***K9-1 - WALL BOARD - W100713***
3/8"x3 3/8"x15 3/4" (11x86x400)

STEP 17

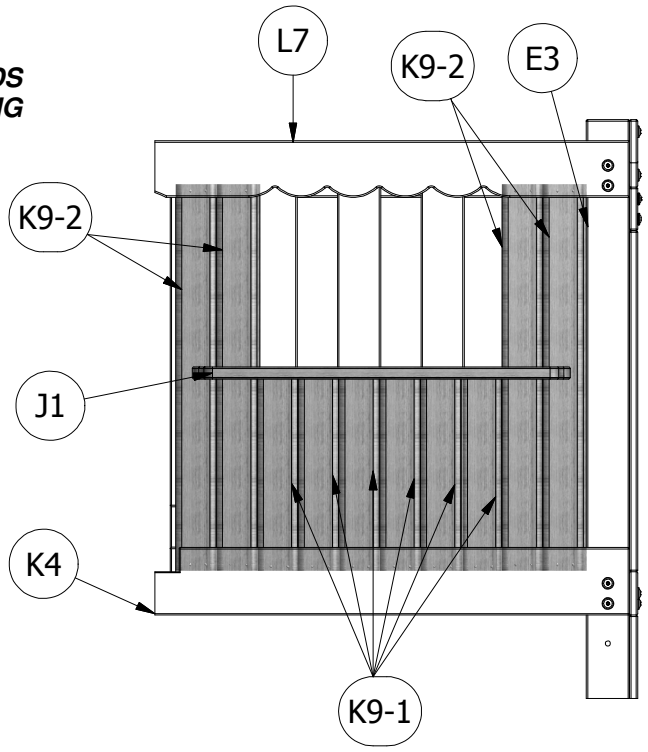
PLACE (2) K9-2 BOARDS ON FLOOR AGAINST L7 AND K4 BOARDS, AND AGAINST E3 BOARD LIP OF K9-2 TOUCHING E3 BOARD AND ATTACH WITH HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

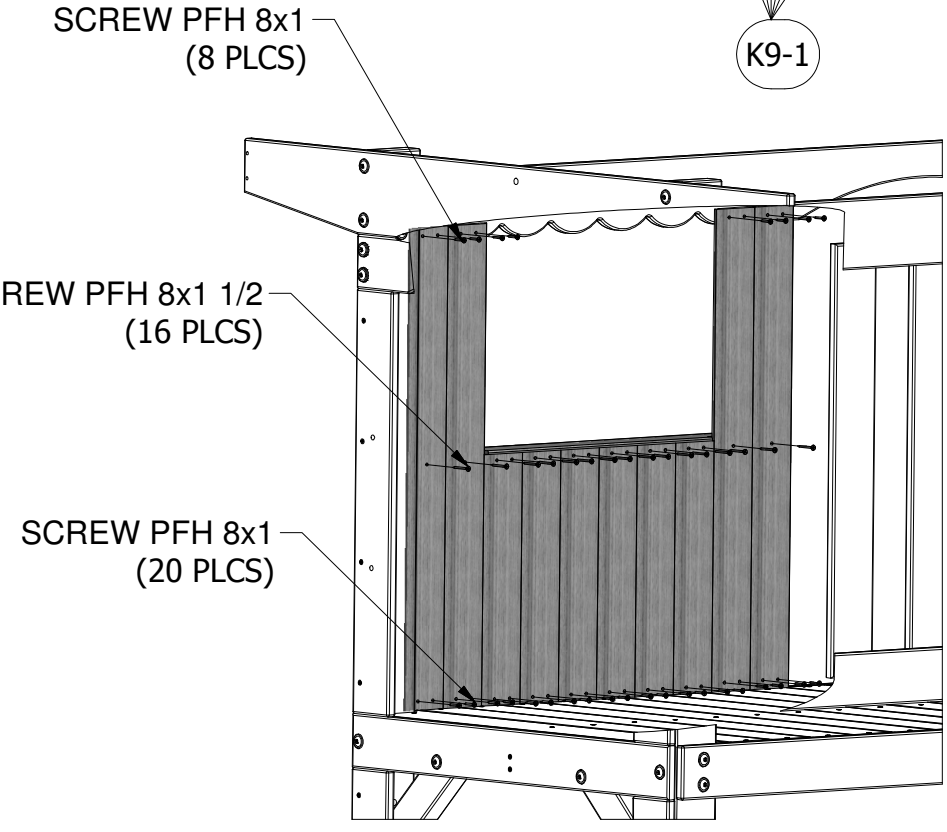
ATTACH K9-1 BOARDS AND (2) K9-2 BOARDS L7 AND K4 BOARD AGAINST PREVIOUSLY ATTACHED K9-2 BOARDS.

ATTACH J1 SHELF TO TOP OF K9-1 BOARDS AND THROUGH K9-2 BOARDS THROUGH PRE DRILLED HOLES USING HARDWARE AS SHOWN.

(28) SCREW PFH 8x1

(16) SCREW PFH 8x1 1/2

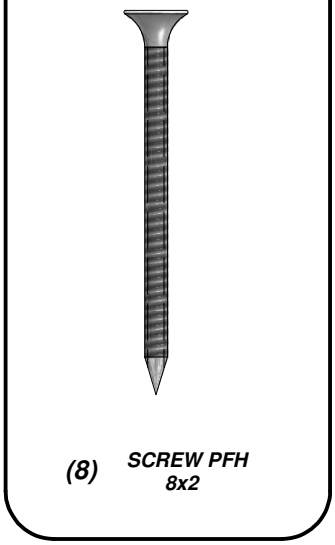




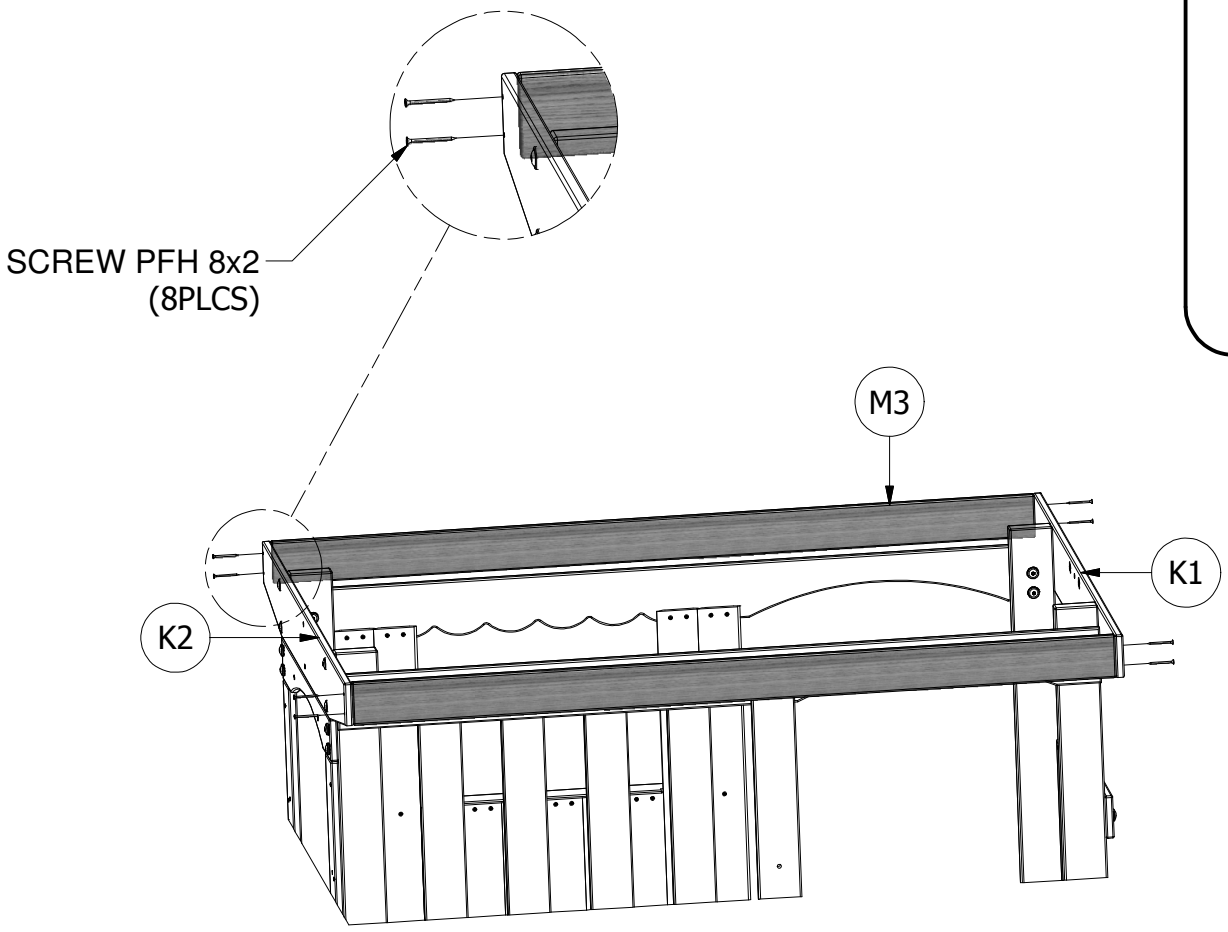
(2) ***M3 - TARP SUPPORT - W100692***
5/8"x3 3/8"x60 1/8" (16x86x1528)

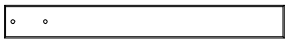
STEP 18

ATTACH M3 BOARDS TO K1 AND K2 BOARDS THROUGH PRE DRILLED HOLES USING HARDWARE AS SHOWN.

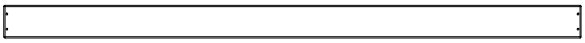


(8) ***SCREW PFH 8x2***





(2) ***M16 - TARP SUPPORT - W101237***
5/8"x3 3/8"x29 1/8" (16x86x740)

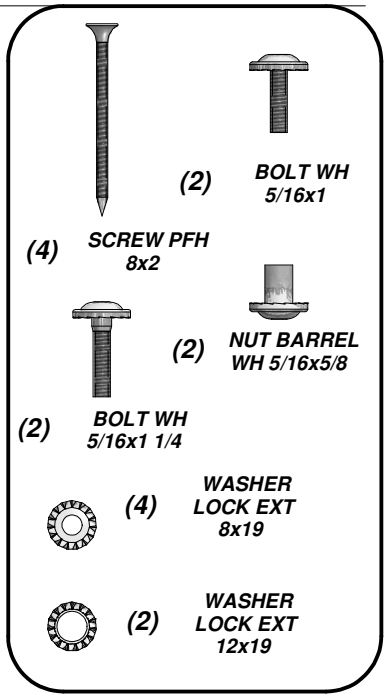


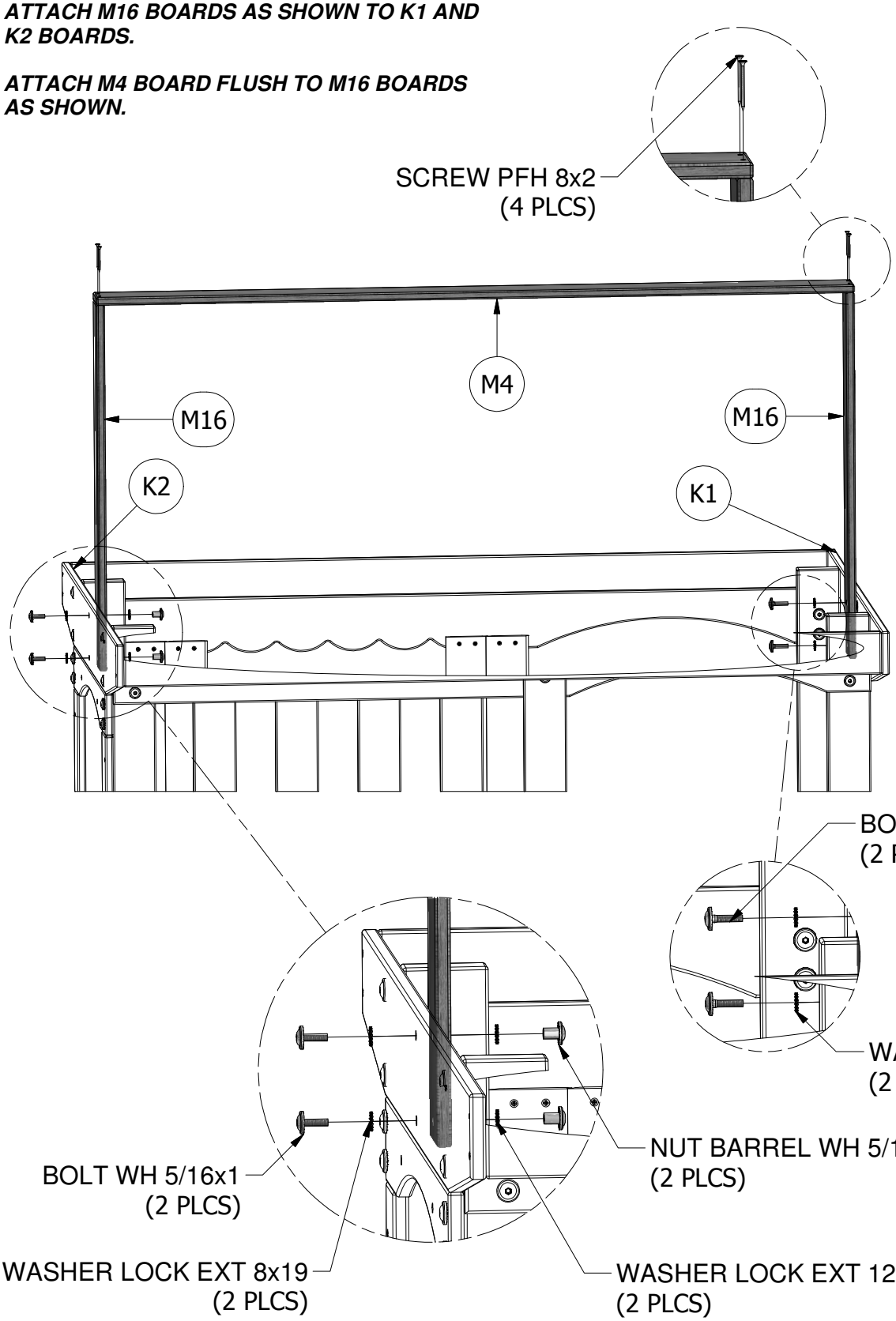
(1) ***M4 - TARP TOP SUPPORT - W100693***
5/8"x3 3/8"x60 1/8" (16x86x1528)

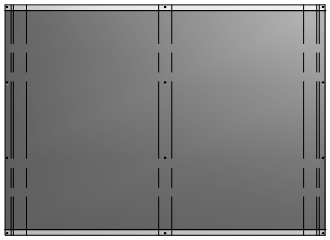
STEP 19

ATTACH M16 BOARDS AS SHOWN TO K1 AND K2 BOARDS.

ATTACH M4 BOARD FLUSH TO M16 BOARDS AS SHOWN.







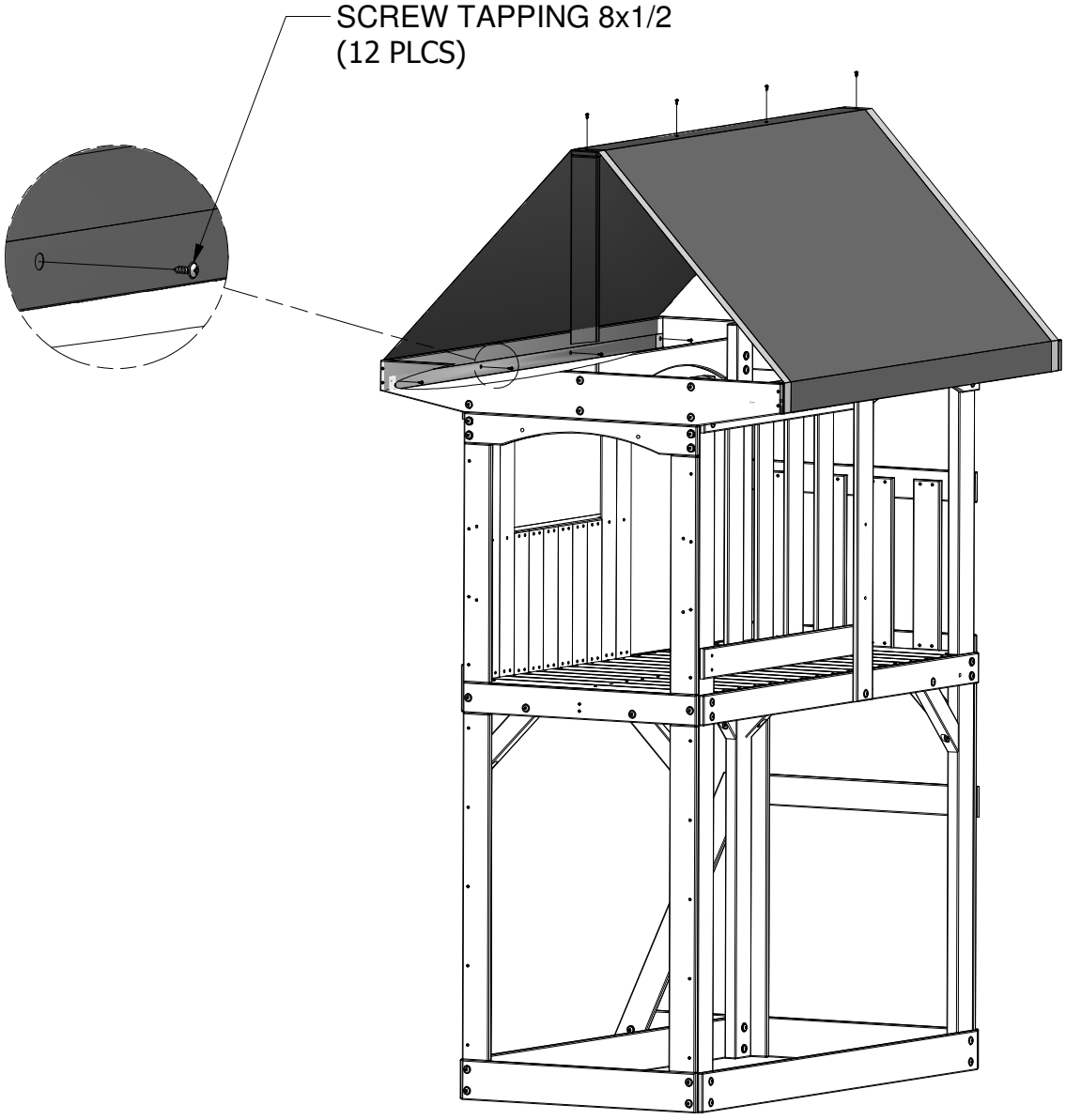
(1) ***HY - TARP 1522x2119 - A100062***
1/32"x59 7/8"x83 3/8" (.4x1522x2119)

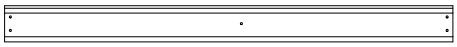
STEP 20

CENTER HY TARP OVER M4 TARP TOP SUPPORT AND ATTACH USING (4) 1/2" TAPPING SCREWS, AS SHOWN.

NEXT, DRAPE HY TARP EVENLY OVER (2) M3 TARP SUPPORTS AND WRAP UNDERNEATH AND UP THE BACK SIDE OF M3 SUPPORT APPROXIMATELY 1-13/16" FROM THE TOP AND ATTACH USING (8) 1/2" TAPPING SCREWS, AS SHOWN.

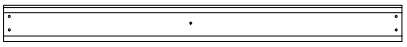
(12) ***SCREW TAPPING 8x1/2***





(2) ***K9-3 - WALL BOARD - W101257***
3/8"x3 3/8"x42" (11x86x1068)

(1) ***L8 - SCULPTURED RAIL - W101240***
5/8"x4 3/8"x35 1/2" (16x112x902)



(2) ***K9-4 - WALL BOARD - W101239***
3/8"x3 3/8"x37 3/8" (11x86x950)

(6) ***K9-5 - WALL BOARD - W101259***
3/8"x3 3/8"x21 3/8" (11x86x544)

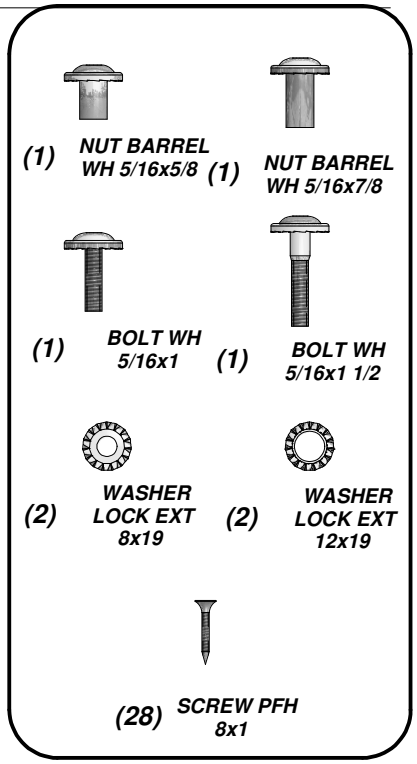
STEP 21

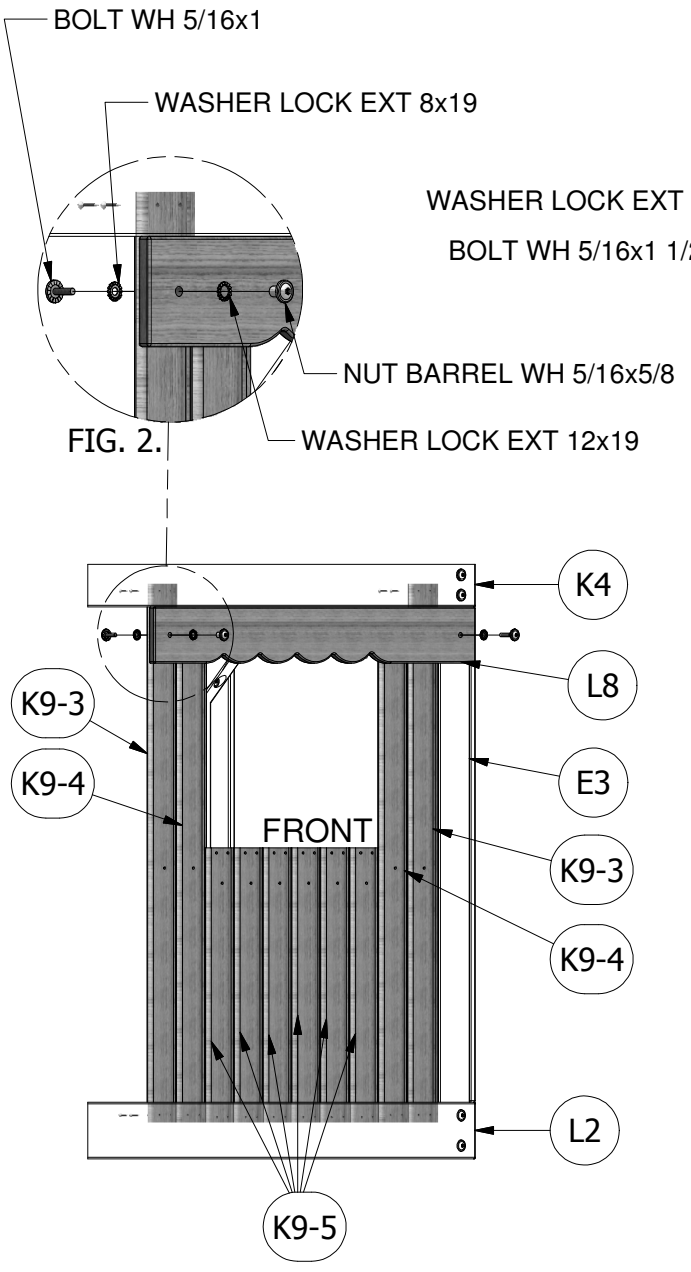
ATTACH L8 BOARD TO E3 BOARD FLUSH WITH THE UNDERSIDE OF K4 BOARD USING HARDWARE AS SHOWN FIG. 1.

STARTING AGAINST E3 BOARD, ATTACH A K9-3 BOARD FLUSH WITH THE BOTTOM OF THE SP1 BOARD USING HARDWARE AS SHOWN.

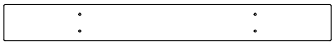
FLUSH ALONG THE BOTTOM ATTACH THE A K9-3, THE (6) K9-5 BOARDS, AND THE OTHER K9-3 AND K9-4 BOARDS AS SHOWN.

USING L8 BOARD AS A GUIDE, USE A 3/8" DRILL BIT, PRE DRILL HOLE TO ATTACH HARDWARE AS SHOWN FIG. 2.

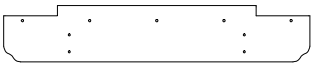




(2) ***H3 - SERVING BOARD SUPPORT - W101606***
1"x3 3/8"x3 3/8" (24x86x86)



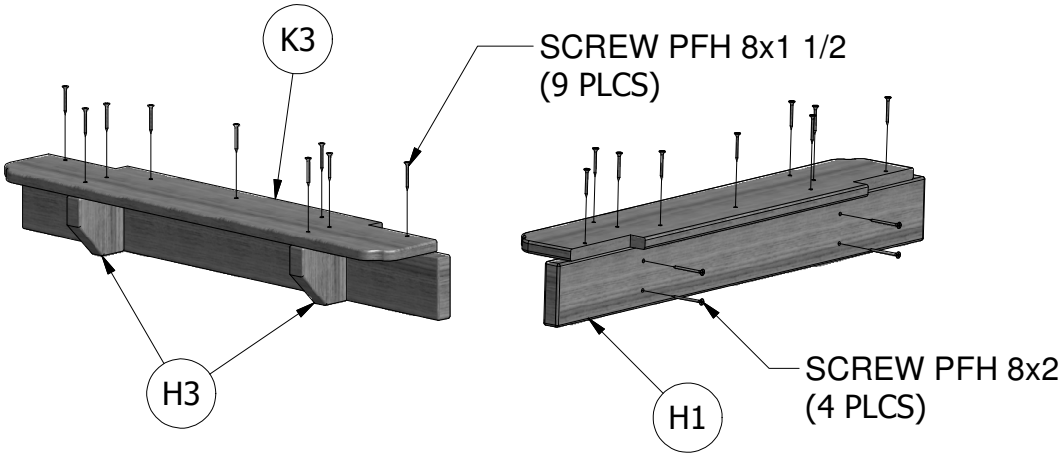
(1) ***H1 - SERVING SHELF SUPPORT - W101604***
1"x3 3/8"x30 3/4" (24x86x780)



(1) ***K3 - SERVING BOARD - W101605***
5/8"x5 1/4"x28 3/4" (16x134x729)

STEP 22

ATTACH H3 SHELF SUPPORTS TO K3 AND H1 BOARDS USING HARDWARE AS SHOWN THROUGH PRE DRILLED HOLES.

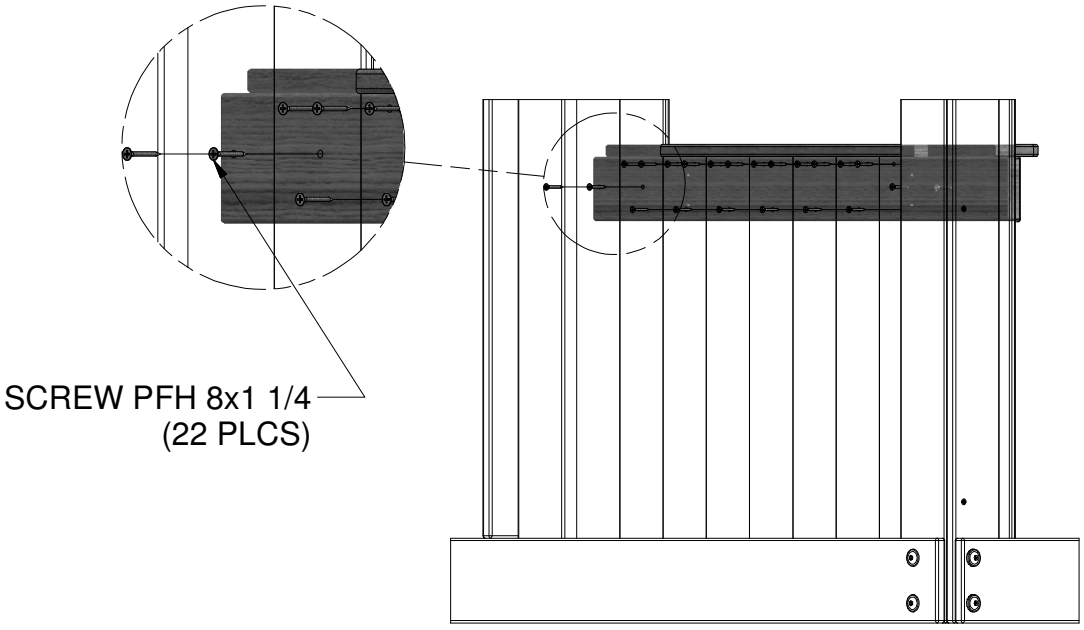


(4) SCREW PFH 8x2

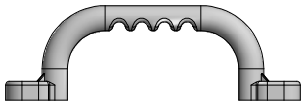
(9) SCREW PFH 8x1 1/2

STEP 23

ATTACH THE SHELF BUILT IN THE PREVIOUS STEP TO THE K9-3, K9-4, AND K9-5 WALL BOARDS BY RESTING THE K3 BOARD ON TOP OF THE OPENING AND FASTENING WITH HARDWARE SHOWN THROUGH PRE DRILLED HOLES.



(22) SCREW PFH 8x1 1/4



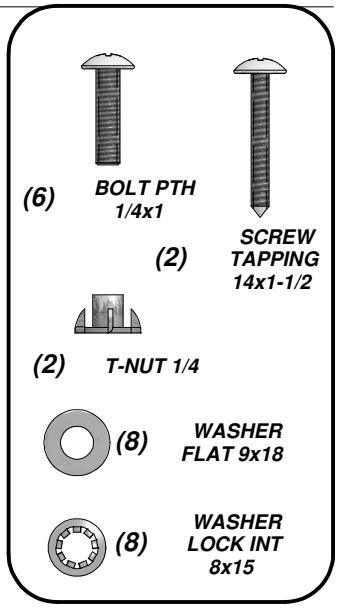
(4) ***EA - HAND GRIP YELLOW PLASTIC - A100043***

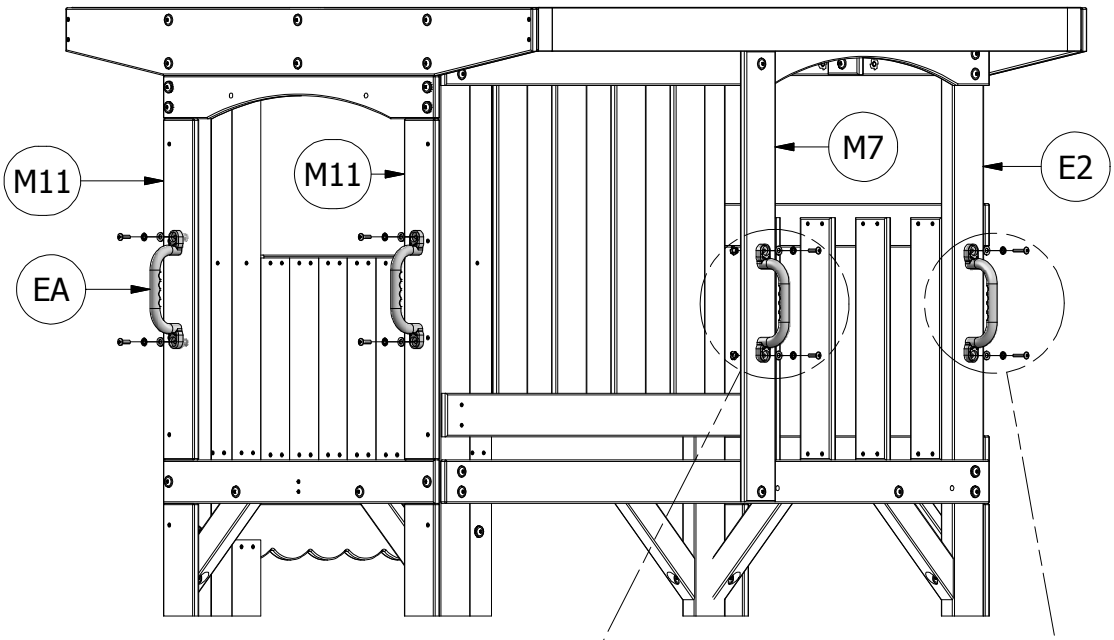
STEP 24

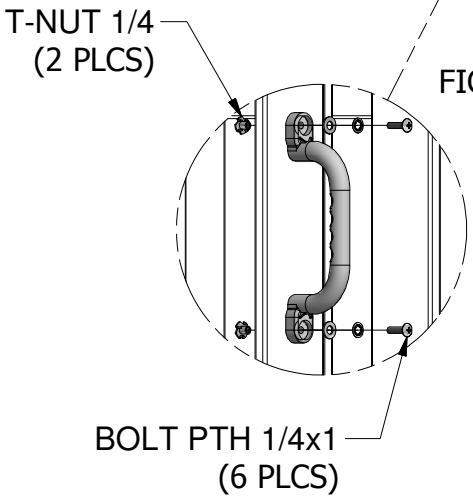
ATTACH EA HANDLE TO E2 BOARD USING HARDWARE AS SHOWN (FIG. 1).

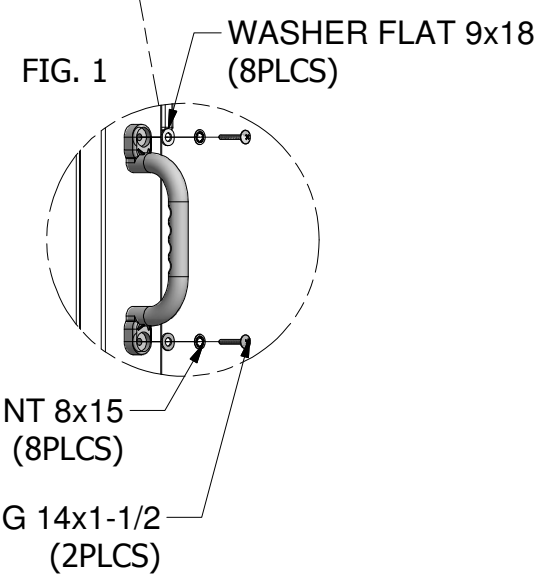
INSERT 1/4" T-NUTS INTO M7 BOARD AND ATTACH EA HANDLE AS SHOWN (FIG. 2).

ATTACH 2 EA HANDLES TO M11 BOARDS USING PREVIOUSLY INSERTED T-NUTS.





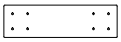




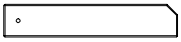
(2) ***M2 - BENCH SEAT - W104044***
5/8"x3 3/8"x27 3/8" (16x86x694)

(2) ***H4 - BENCH SEAT SUPPORT - W104040***
1"x3 3/8"x6 1/2" (24x86x166)

(2) ***EJ - L BRACKET 54x67 - A100053***



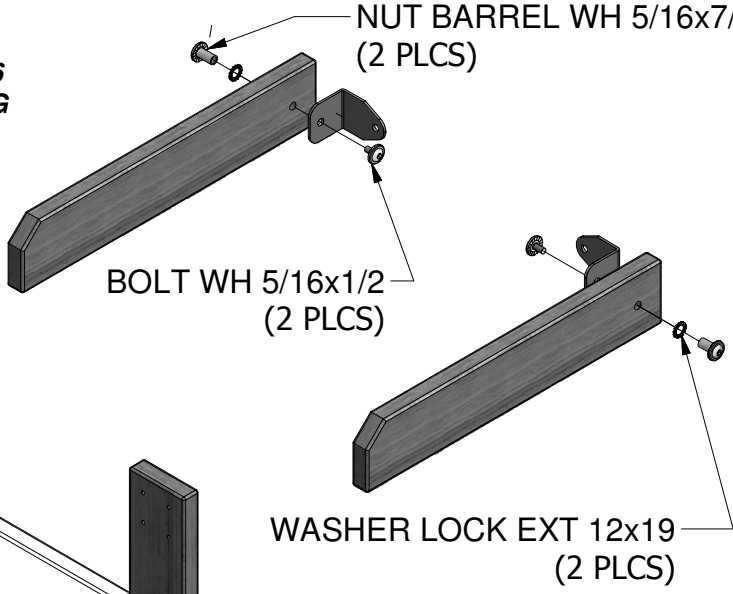
(2) ***H5 - BENCH UPRIGHT - W104041***
1"x3 3/8"x11 3/4" (24x86x300)

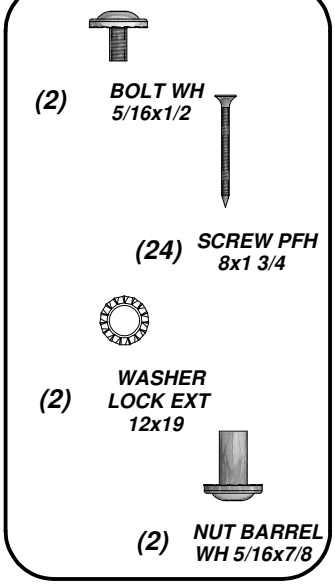


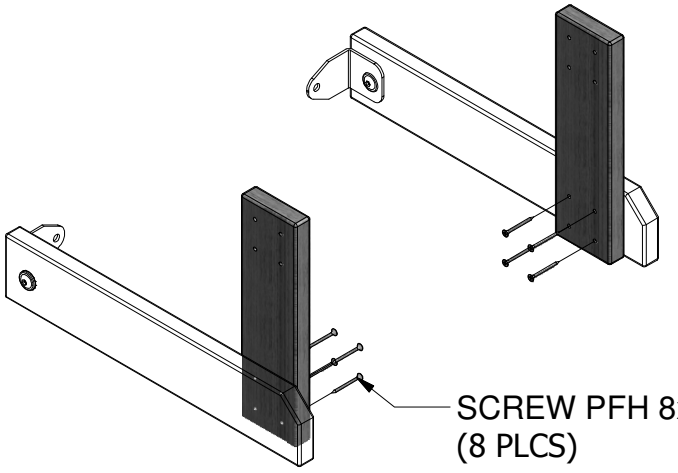
(2) ***H6 - BENCH GROUND BOARD - W104042***
1"x3 3/8"x18 1/8" (24x86x460)

STEP 25

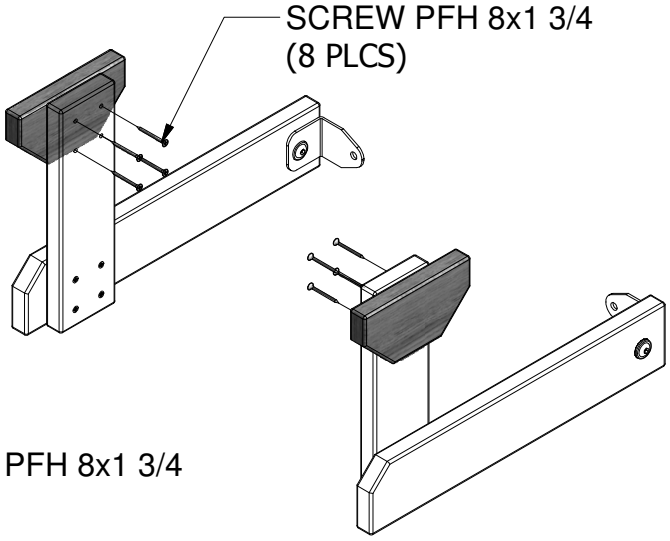
ATTACH (2) EJ BRACKETS TO H6 BENCH GROUND BOARDS USING (2) 1/2" BOLT, LOCK WASHERS AND 7/8" BARREL NUT, AS SHOWN.



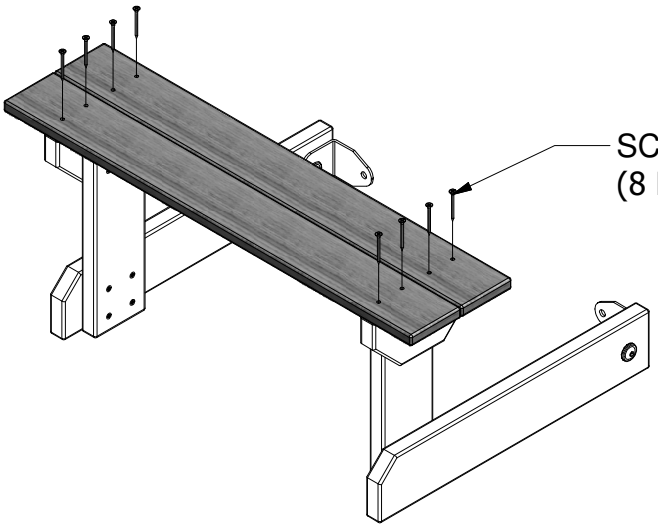




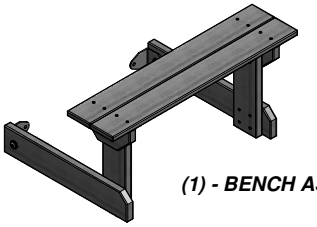
ATTACH H5 BENCH UPRIGHTS TO H6 BENCH GROUND BOARDS USING (8) 1-3/4" WOOD SCREWS, AS SHOWN.



ATTACH H4 BENCH SEAT SUPPORTS TO H5 BENCH UPRIGHTS USING (8) 1-3/4" WOOD SCREWS, AS SHOWN.



ATTACH M2 BENCH SEATS TO H4 BENCH SEAT SUPPORTS USING (8) 1-3/4" WOOD SCREWS, AS SHOWN.



(1) - BENCH ASSEMBLY

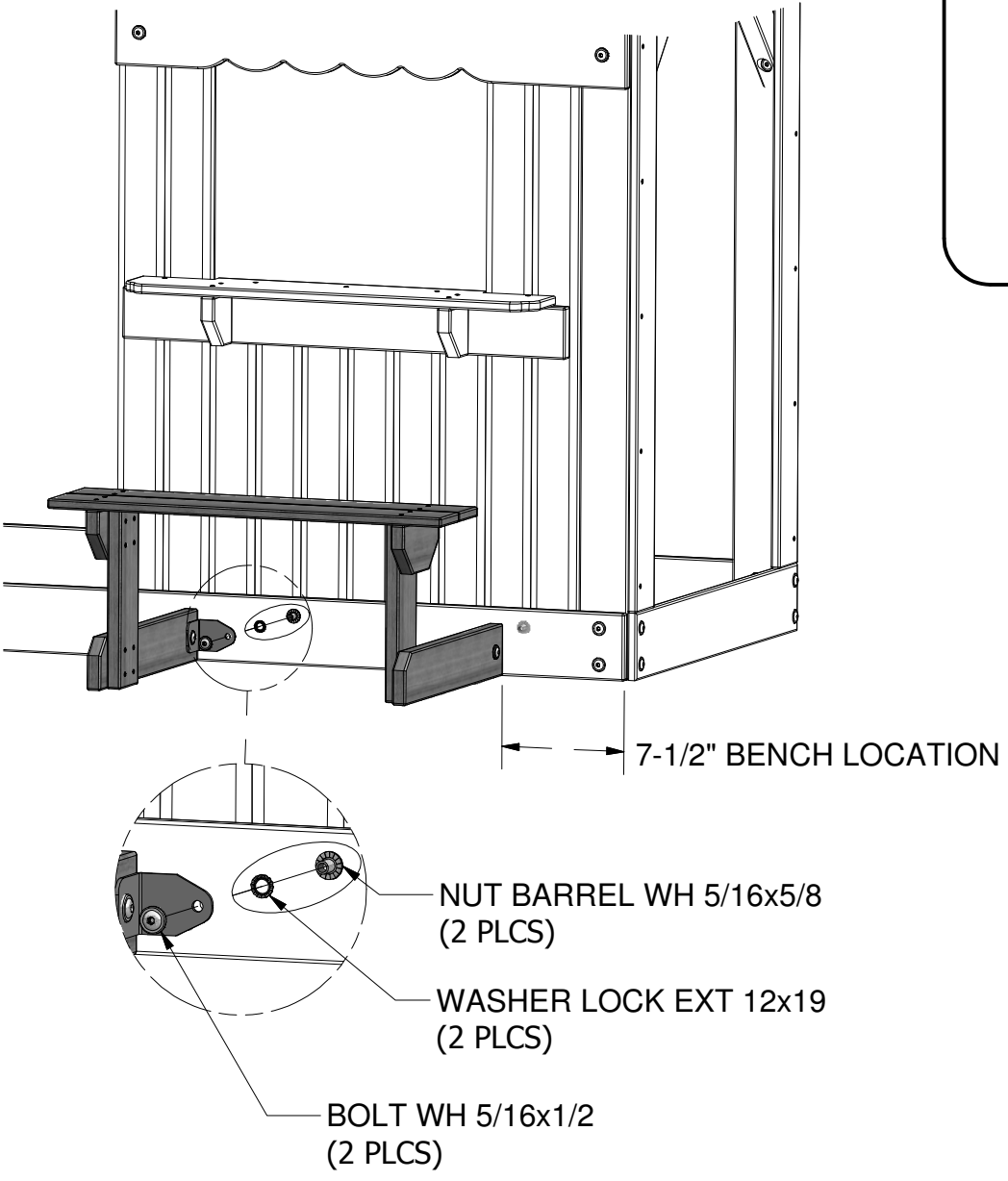
STEP 26

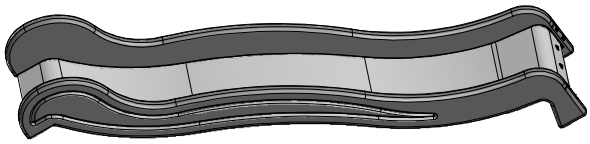
USING BENCH ASSEMBLY BRACKETS AS A TEMPLATE, DRILL TWO 3/8" THRU HOLES AND ATTACH EJ BRACKET TO L2 GROUND BOARD USING (2) 1/2" BOLTS, LOCK WASHERS AND 5/8" BARREL NUTS, AS SHOWN.

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

(2) ***WASHER LOCK EXT 12x19***

(2) ***NUT BARREL WH 5/16x5/8***





(1) - SLIDE ASSEMBLY

STEP 27

CENTER THE WAVE SLIDE ASSEMBLY IN OPENING, AS SHOWN.

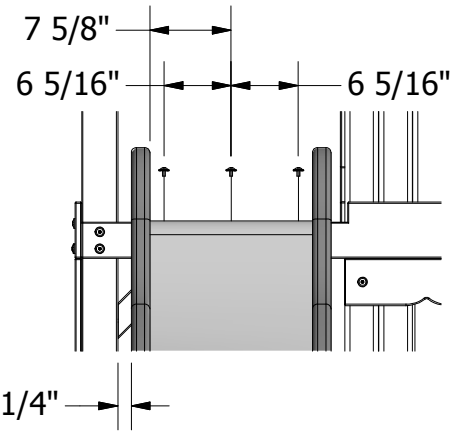
USING A 3/8" DRILL BIT, DRILL THREE THROUGH HOLES INTO THE SLIDE BED AND DECK BOARDS, AS SHOWN BELOW.

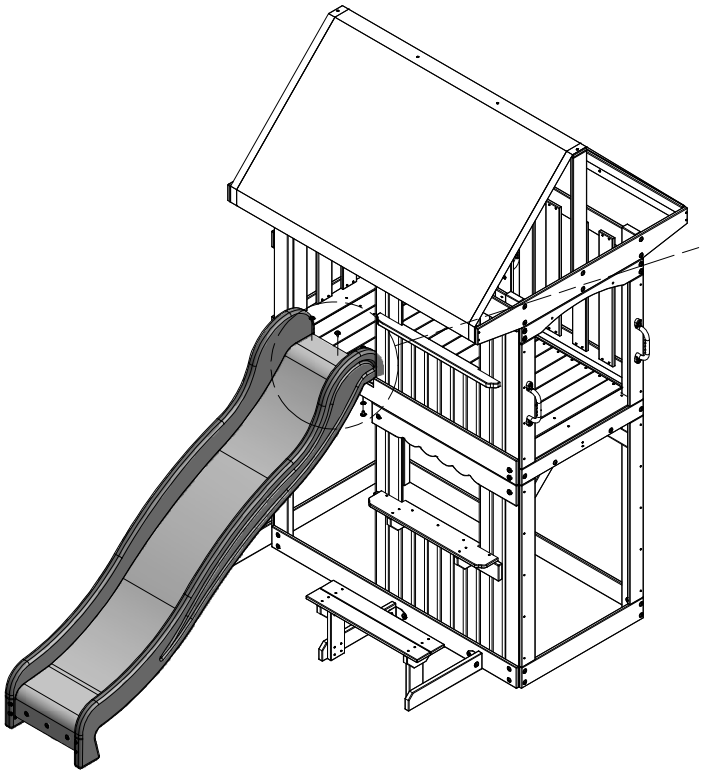
ATTACH THE SLIDE ASSEMBLY TO THE DECK USING (3) 1/2" BOLTS, LOCK WASHERS AND 5/8" BARREL NUTS, AS SHOWN.

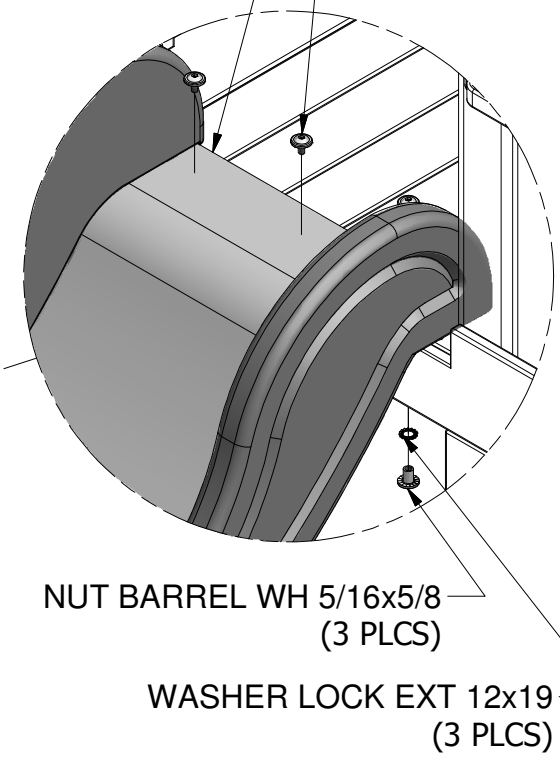
(3) ***BOLT WH 5/16x1/2***

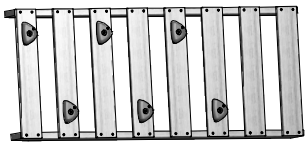
(3) ***WASHER LOCK EXT 12x19***

(3) ***NUT BARREL WH 5/16x5/8***









(1) - ROCK LADDER ASSEMBLY

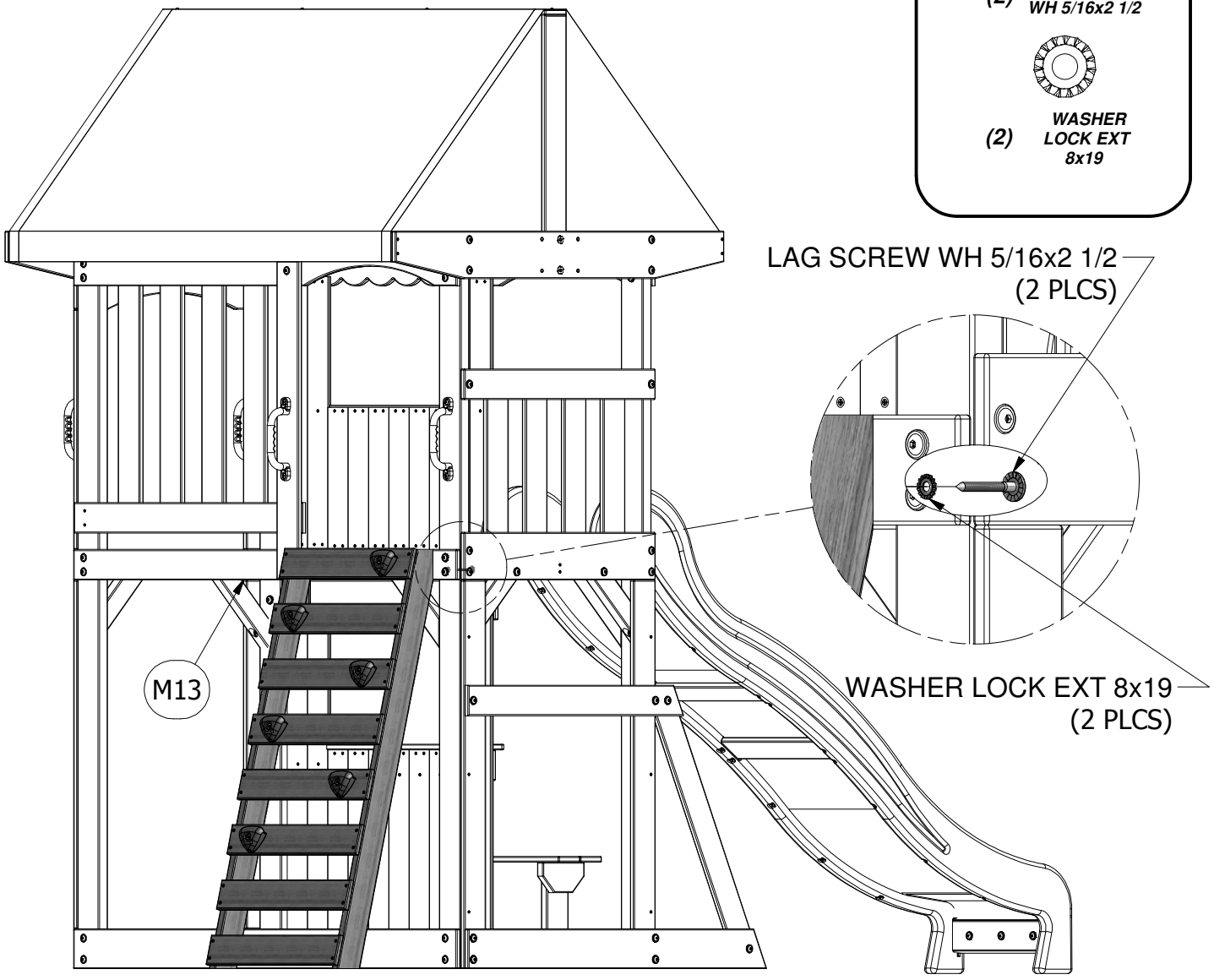
STEP 28

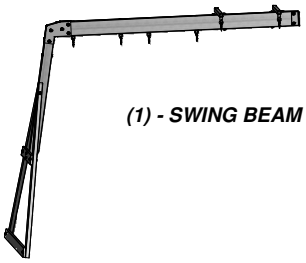
CENTER LADDER ON 'M13' BOARD AND PILOT DRILL 3/16" HOLES FOR LADDER ATTACHMENT.

ATTACH THE ROCK LADDER ASSEMBLY TO M13 FLOOR RAIL SUPPORT USING (2) 2-1/2" LAG SCREWS AND LOCK WASHERS, AS SHOWN.

(2) ***LAG SCREW WH 5/16x2 1/2***

(2) ***WASHER LOCK EXT 8x19***





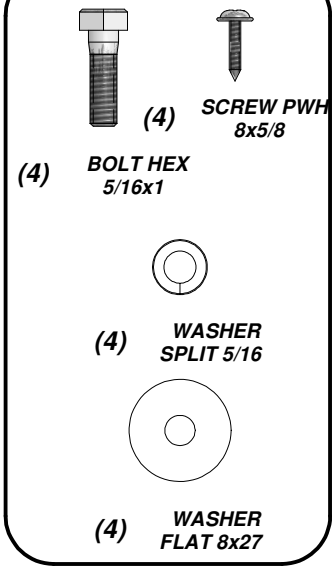
(1) - SWING BEAM ASSEMBLY

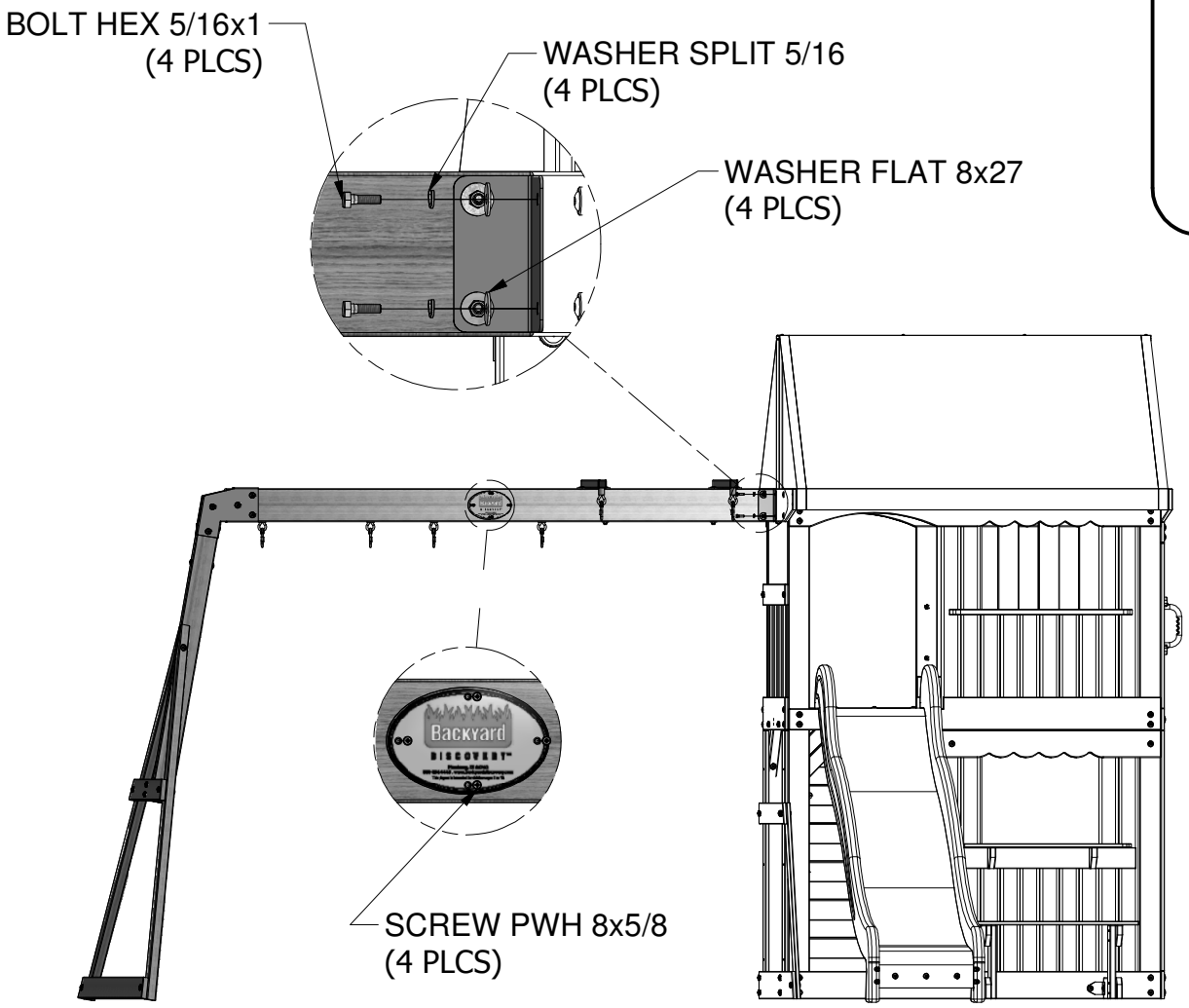
(1) ***HC - BYD ID TAG (LARGE) 2011 WITH AGES - A100164***

STEP 29

ATTACH SWING BEAM ASSEMBLY TO K1 ROOF SWING BEAM SUPPORT USING (4) 1" BOLTS, SPLIT WASHERS AND FLAT WASHERS, AS SHOWN BELOW.

ATTACH HC I.D. TAG TO SB74 SWING BEAM USING (4) 5/8" PFH SCREWS, AS SHOWN.





(1) - MONKEY BAR ASSEMBLY

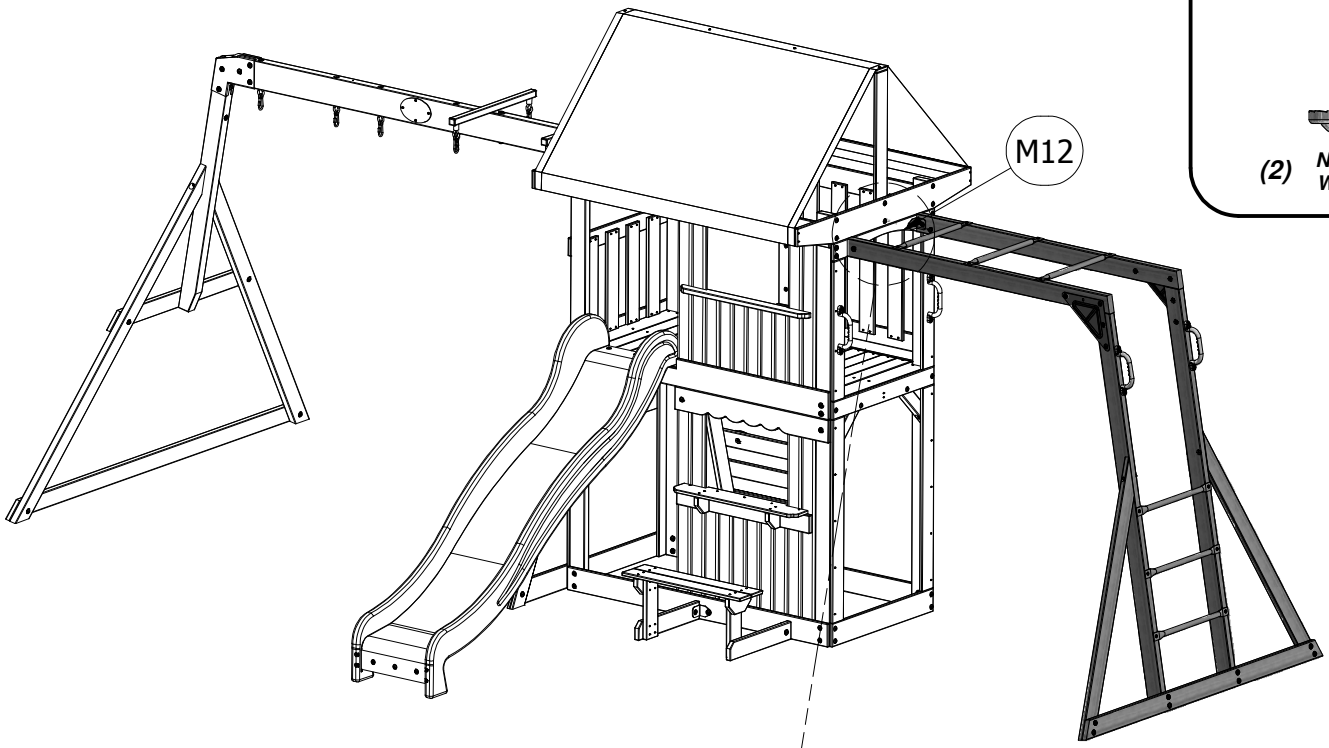
STEP 30

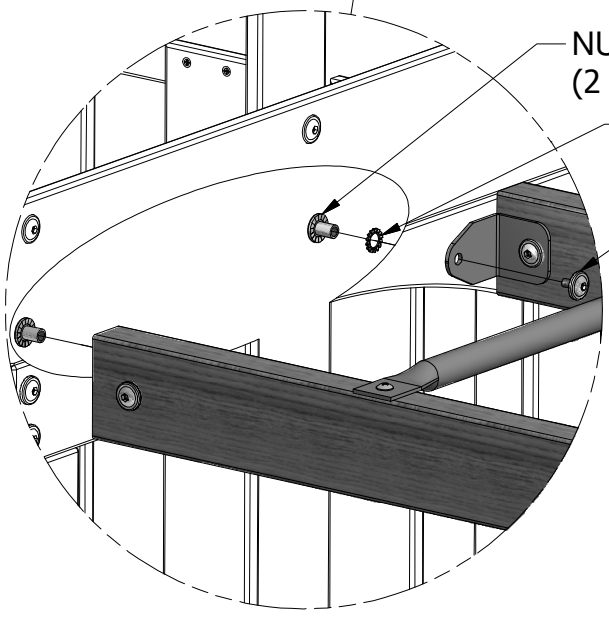
ATTACH MONKEY BAR ASSEMBLY TO M12 ARCH BOARD USING HARDWARE AS SHOWN.

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

(2) ***WASHER LOCK EXT 12x19***

(2) ***NUT BARREL WH 5/16x5/8***

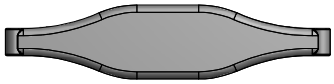




(4) ***EZ - CHAIN GREEN 51.25" - A100068***

(2) ***FB - SWING SEAT YELLOW - A100070***

(4) ***JD - CHAIN GREEN 45" - A100092***



(1) ***DN - GLIDER SEAT DARK GREEN - A100025***

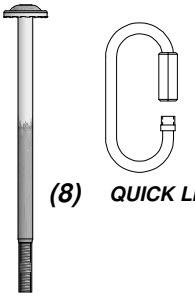
(2) ***DO - CAPTAINS GLIDER ARM YELLOW - A100026***

STEP 31

ATTACH FB SWING SEAT TO (2) EZ CHAINS USING (2) FA QUICK LINKS, AS SHOWN. REPEAT PROCESS TO ASSEMBLE SECOND SWING ASSEMBLY. NOW, ATTACH EZ CHAINS TO SWING HANGER QUICK LINKS ALREADY ASSEMBLED TO THE SWING BEAM.

ATTACH (2) DO CAPTAINS GLIDER ARMS TO DN GLIDER SEAT USING 5 3/4 BOLTS WITH FLAT WASHERS AND LOCK NUTS AS SHOWN

ATTACH (4) JD CHAINS TO SWING HANGER QUICKLINKS ALREADY ASSEMBLED TO THE SWING BEAM AND ATTACH CAPTAINS GLIDER.

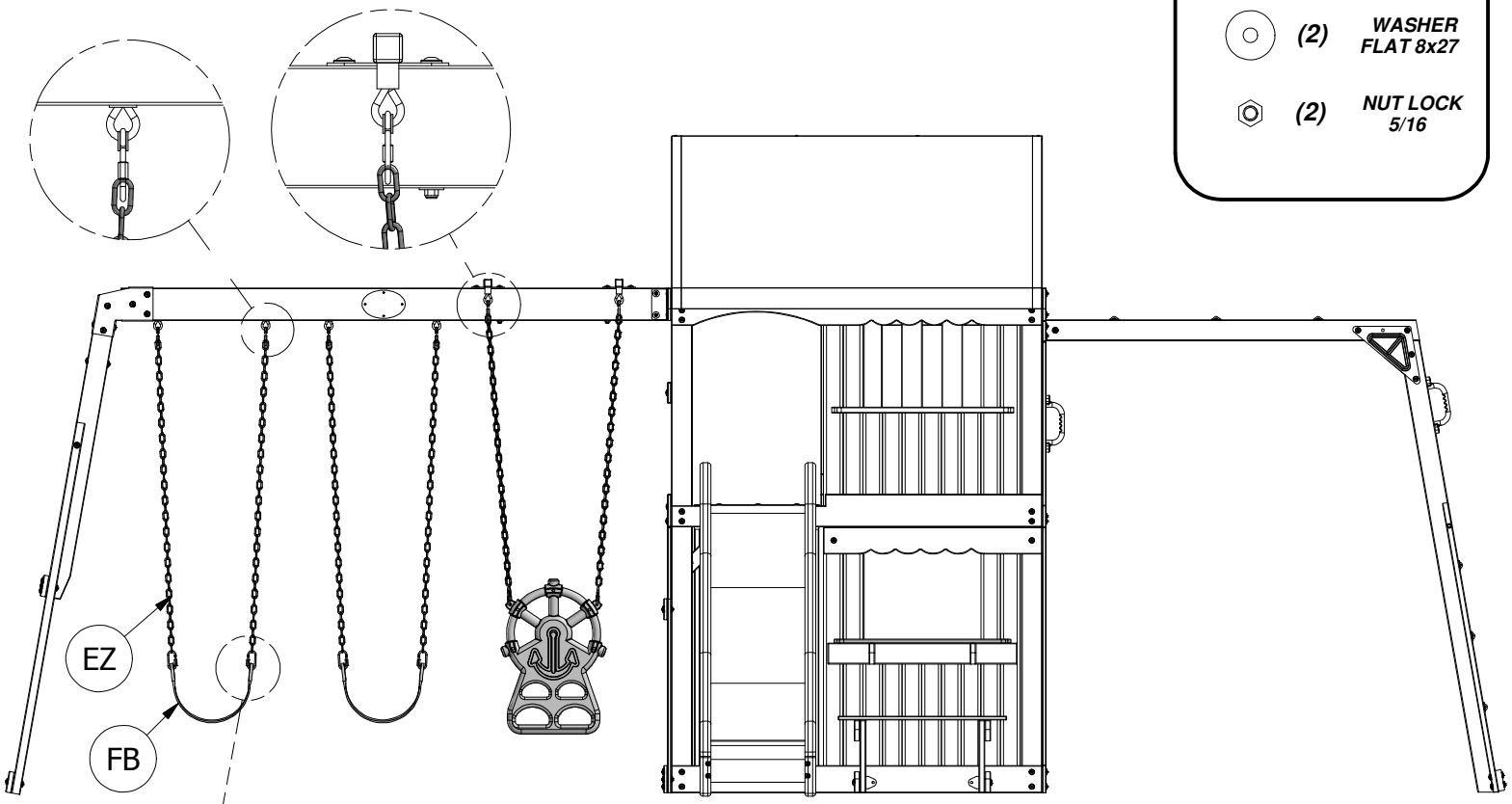


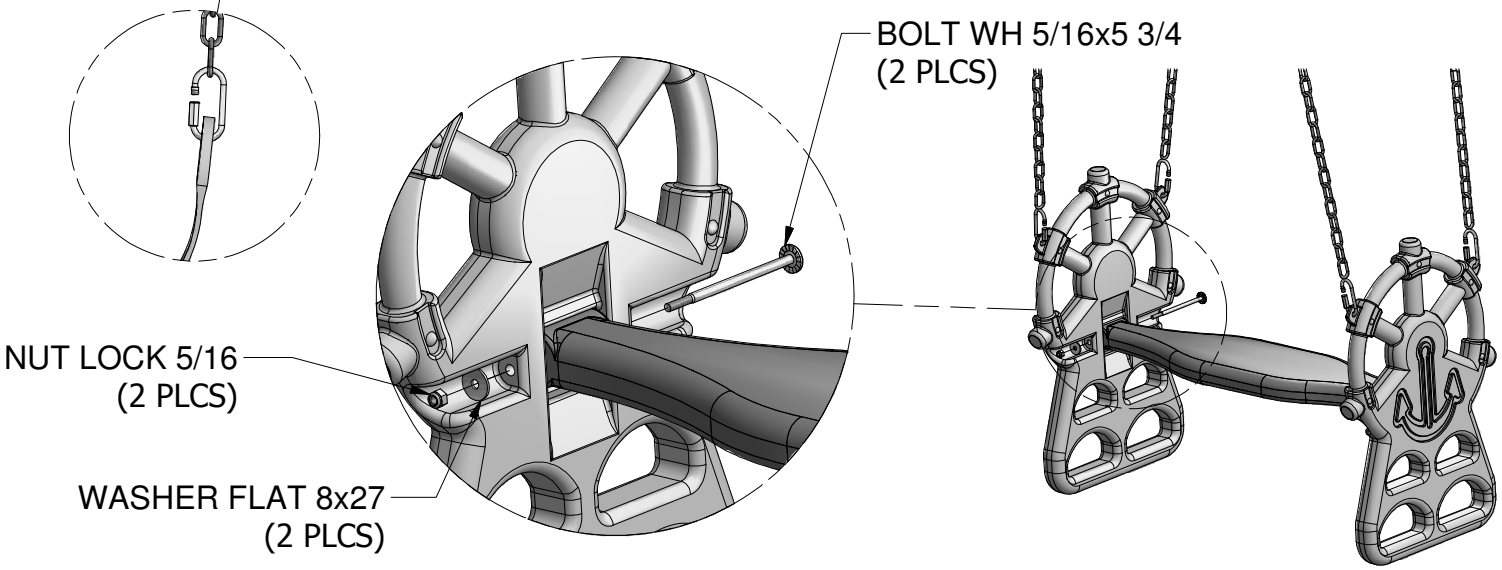
(8) QUICK LINK

(2) BOLT WH 5/16x5 3/4

(2) WASHER FLAT 8x27

(2) NUT LOCK 5/16

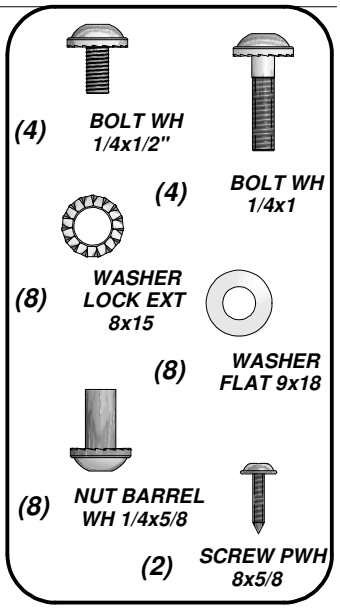




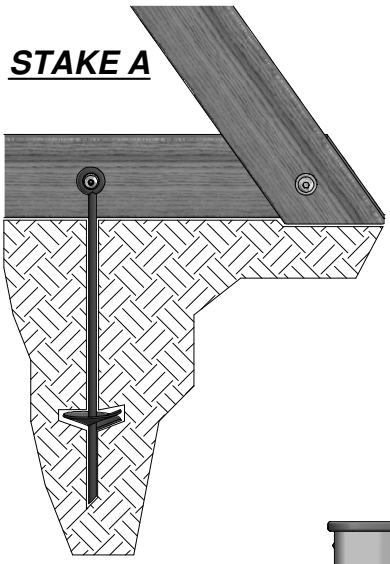
(8) ***KC - METAL GROUND STAKE BROWN - A100178***

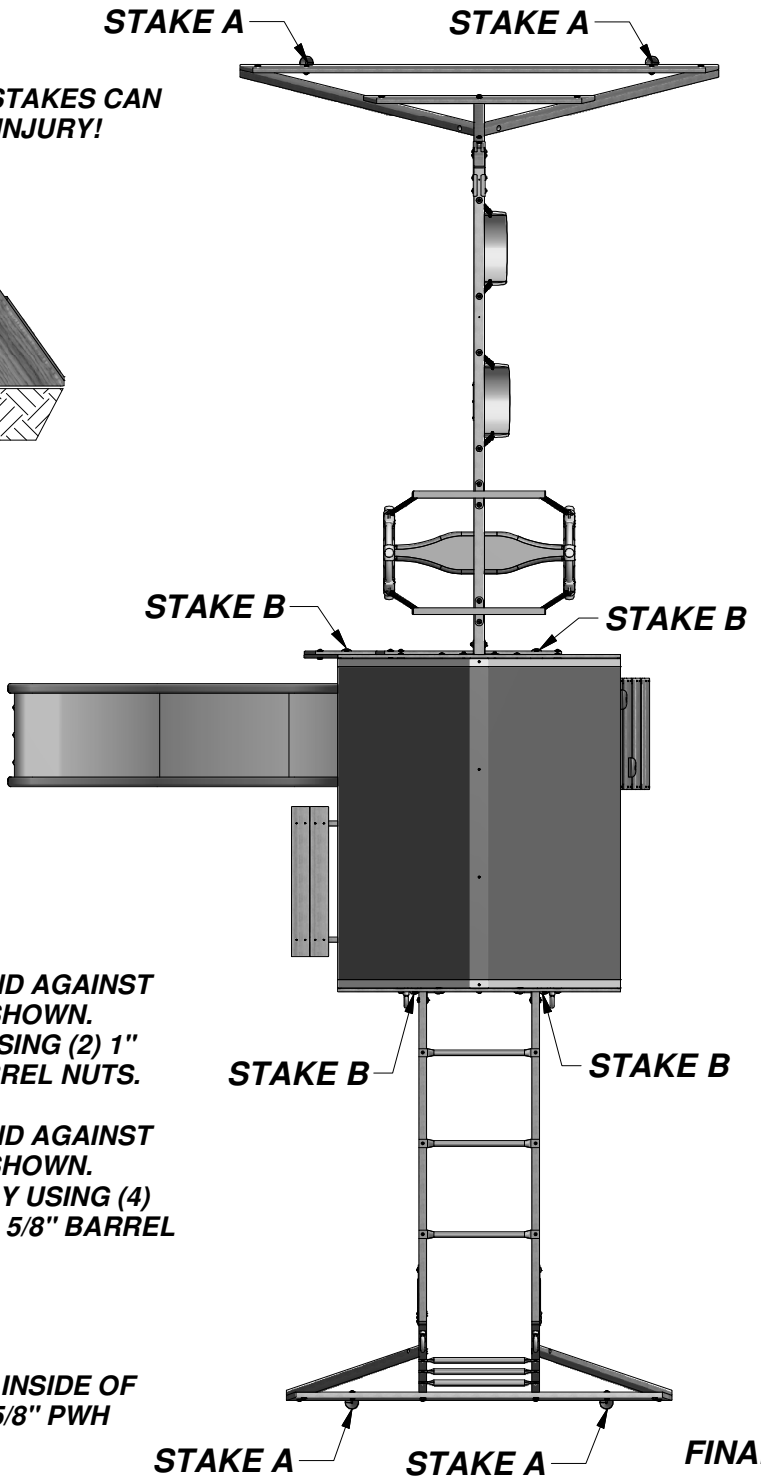
(1) ***SR - "B" REVISION TAG - A100315***

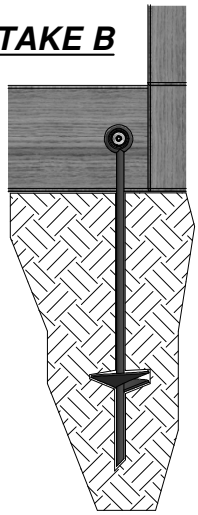
Anchoring Instructions



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







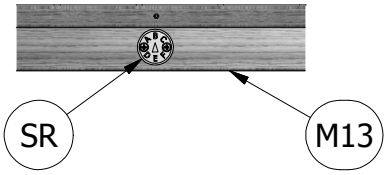
STEP 32

TWIST STAKES INTO GROUND AGAINST GROUND BOARDS WHERE SHOWN. ATTACH GROUND BOARD USING (2) 1" BOLTS, WASHERS AND BARREL NUTS.

TWIST STAKES INTO GROUND AGAINST GROUND BOARDS WHERE SHOWN. ATTACH TO FORT ASSEMBLY USING (4) 1/2" BOLTS, WASHERS, AND 5/8" BARREL NUTS, AS SHOWN.

STEP 33

ATTACH SQ I.D.TAG TO THE INSIDE OF M13 FLOOR RAIL USING (2) 5/8" PWH SCREWS, AS SHOWN.



FINAL STEP

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

ENJOY YOUR NEW PLAY SET!

Limited Warranty

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

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

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

This Limited Warranty does not cover:

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

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

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

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

Pro Rated Part Replacement Schedule

Product Age	*Customer Pays*
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 years	*20% + S&H*
3 years	*40% + S&H*
4 years	*60% + S&H*
5 years	*80% + S&H*
Over 5 years	*100% + S&H*

NOTES:

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