

ACACIA FARMHOUSE PORCH SWING

Model # 2107014

Owner's Manual & Assembly Instructions

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





INSTALLATION SERVICES AVAILABLE!*

Need a helping hand?Let our team of professionals handle the installation for you!

GOCONFIGURE 888-888-5424

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

average 2 person assembly time



assembly time may vary based on skill level

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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The store where you made your purchase does not stock parts for this item.

If you have assembly questions or you are missing or have damaged parts, please call

1-800-856-4445

you can also visit www.backyarddiscovery.com or e-mail customerservice@backyarddiscovery.com

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

- Model Number of the product located on the front of the assembly manual
- The item description and number from the parts list from the manual that was included in your box
- Read entire assembly manual, paying special attention to the important tips and safety information.
- To ensure there are no missing pieces do a complete inventory by first separating and identifying all parts.
- Make sure to check packing material for small parts that may have fallen out during shipment.
- Structures are not intended for public use. The Company does not warranty any of its residential structures subjected to commercial use.
- This manual contains helpful information concerning assembly preparation, installation procedure and required maintenance.
- Always keep safety in mind as your structure is being built.
- Keep these instructions for future reference.



Limited Warranty

THE MANUFACTURER RESERVES THE RIGHT TO MAKE SUBSTITUTIONS TO WARRANTY CLAIMS IF PARTS ARE UNAVAILABLE OR OBSOLETE

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

Backyard Discovery Wood Patio Structure

Backyard Discovery warrants this wood patio product to be free from defects in materials and workmanship for a period of two (2) years from the original date of purchase. All wood carries a five (5) year warranty against rot and decay from the original purchase date. LIMITED WARRANTY

OUTDOOR PATIO ITEMS

THE MANUFACTURER RESERVES THE RIGHT TO MAKE SUBSTITUTIONS TO WARRANTY CLAIMS IF PARTS ARE UNAVAILABLE OR OBSOLETE

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Backyard Discovery Metal Patio Structure

Backyard Discovery warrants this metal patio product to be free from defect in materials and workmanship for a period of five (5) years from the original date of purchase.

General Warranty Information

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

This Limited Warranty does not cover:

Backyard Discovery Metal Patio Structure

Backyard Discovery warrants this metal patio product to be free from defect in materials and workmanship for a period of five (5) years from the original date of purchase.

General Warranty Information

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

This Limited Warranty does not cover:

- Natural occurring properties of wood such as twisting, warping, checking, peeling or any other natural occurring properties of wood that do not affect performance or integrity.
- Installation the warranty is null and void if installation is not in accordance with the Assembly Instructions.
- Labor for any inspection
- Labor for replacement of any defective item(s)
- Incidental or consequential damages
- Cosmetic defects, including rusting, color fading, minor cracks, corrosion, 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.

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 the modified products or consequences resulting from failure of a modified product. Backyard Discovery disclaims all other representations and warranties of any kind, express or implied.

USA and Canada: To make a warranty or replacement part claim please visit **backyarddiscovery.com** or call Backyard Discovery customer service at **800-856-4445.** Backyard Discovery will, at its sole discretion, replace any part within the stated warranty period that is defective in workmanship or materials. At Backyard Discovery's discretion, photographs of the defective part, physical return of the defective part to Backyard Discovery, or proof of purchase may be required for verification.

Outside of the USA and Canada: Contact place of purchase or distributor for warranty service.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state, province to province or country to country, where you bought the product. 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.

Please read entire booklet completely before beginning the assembly process

Please retain these instructions and your receipt for future reference. Keep them in a safe place where you can refer to them as needed. In order to provide you with the most efficient service, it is required that you provide us with the part numbers when ordering parts.

For Your Records:

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

Where Purchased:			
Date of Purchase:			Tracking Number: 04/2012-S
Installation Date:		- FAIR	P.O.#99999 1-100
Installed by:	WWW. 01 00 00 00 00 00 00 00 00	DOX 1050	$\overline{}$
Tracking Number:	Bactor and the thir thir thir thir thir thir	10	
	Product Number Plate		

Tracking Number Reference Label

Tracking ID number on the carton and on the product number plate are included for tracking purposes associated with warranty claims.





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

- DO NOT climb or walk on the roof for any reason
- Requires two or more people to assemble safely
- Check for underground utilities before digging or driving stakes into the ground.
- Check carefully for overhead lines and ensure there is at least 6ft-7in (2m) clearance from any overhead electrical wires.
- Permanent structures may require a building permit.
 As the purchaser and or installer of this product you are advised to consult local planning, zoning and building inspection departments for guidance on applicable building codes and/or zoning requirements.
- Wood is NOT flame retardant and will burn. Grills, fire
 pits, and chimineas are a fire hazard if place too close to
 your structure.
- Wear gloves to avoid injury during installation.
- During installation, follow all safety warnings provided with your tools and use safety glasses.
- Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) It is particularly important that this procedure be followed at the beginning of each season.

- Oil all metallic moving parts monthly during the usage period.
 - Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
- For rusted areas on metallic members such as hinges, brackets, etc. sand and repaint, using a non lead-based paint meeting the requirements of Title 16 CRF Part 1303.
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.
- We have applied a waterborne translucent stain to your unit. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any "rough" spots on your set. Please note this is a requirement of your warranty.

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



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

About Our Wood

Your Backyard Discovery product is made out of 100% Acacia wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

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

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

- **1. Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
- **2. Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
- **3. Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn grey over time.

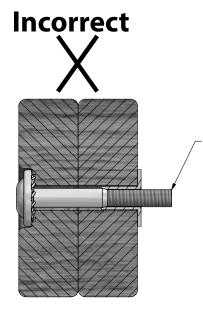
How can I reduce the amount of weathering to wood product?

- 1. Your wood product is coated with an oil-based stain. Sunlight will break down the coating, so we recommend applying teak oil on a yearly basis (see your local stain and paint supplier for a recommended product). You must apply some type of protection (sealant) to the wood of your product. Please note this is a requirement of your warranty. Most weathering is just the normal result of nature and will not affect safety. However if you are concerned that a part has experienced a severe weathering problem please call our customer service department for further assistance.
- 2. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.

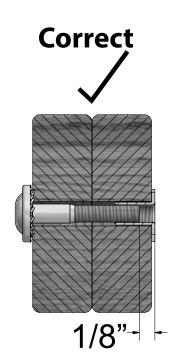




Protrusion Hazard



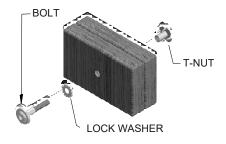
If you see exposed threads and your bolt protrudes beyond the T-Nut you may have over tightened the bolt or used incorrect hardware. If you've overtightened, remove the bolt and add washers to eliminate the protrusion.



Proper Hardware Assembly

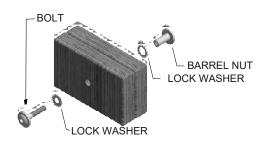
Bolt and T-Nut Assembly

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



Bolt and Barrel Nut Assembly

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



Lag Assembly

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





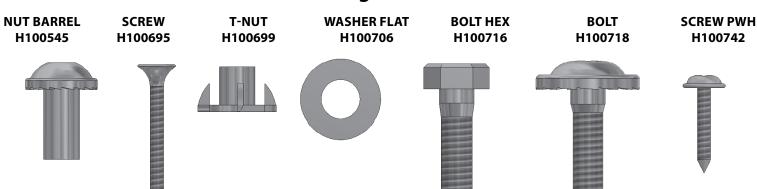
ASSEMBLY TIP:

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



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

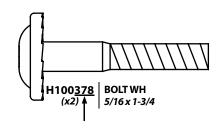
Sorting Hardware

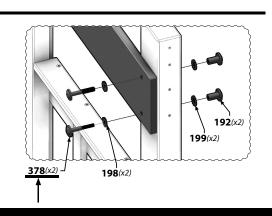


To help with assembly we recommend sorting your hardware bags with the seven digit alpha-numeric number printed on the bags or by hardware type (i.e. bolts, nuts, etc.). Organizing your hardware will make assembly easier.

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

Hardware Identification

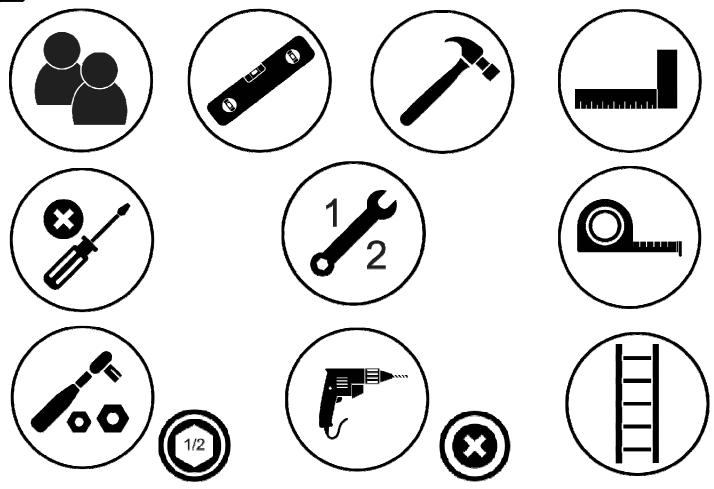






Owner's Manual

Tools Required for Installation



Icons and their uses you will see throughout this manual



You will need to make sure that your assembly is square before tightening your bolts.



When you see this icon you will need a socket wrench. The icons below show the size of attachments needed for assembly 1/2.



For proper assembly you will need to ensure that your structure is level before proceeding to the next step.



This icon warns you to not over tighten your bolts. This is to prevent structural damage and also splintering your wood.



Some steps in the assembly process will require an extra set of hands. Make sure you have a helper available.



A ladder will be needed for assembly. Do NOT stand on the set when it is incomplete, unstable, and not anchored. Failure to do so may result in injury.



This icon shows the size of an open ended wrench. Using the wrench as the fraction bar.



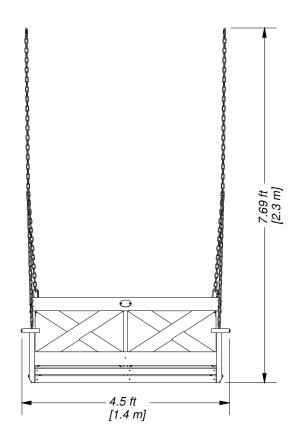
This icon will show you what drill attachments are needed. For this example you will need a Phillips head attachment and 3/8 drill bit.

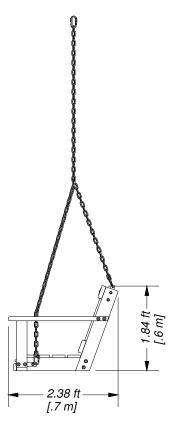
Basic Setup Dimensions & Assembly Notes

It is critically important that you start with level ground or surface to ensure safety and your product's longevity

Check carefully for overhead lines and ensure there is at least 6ft-7in (2m) clearance from the roof to any overhead lines.

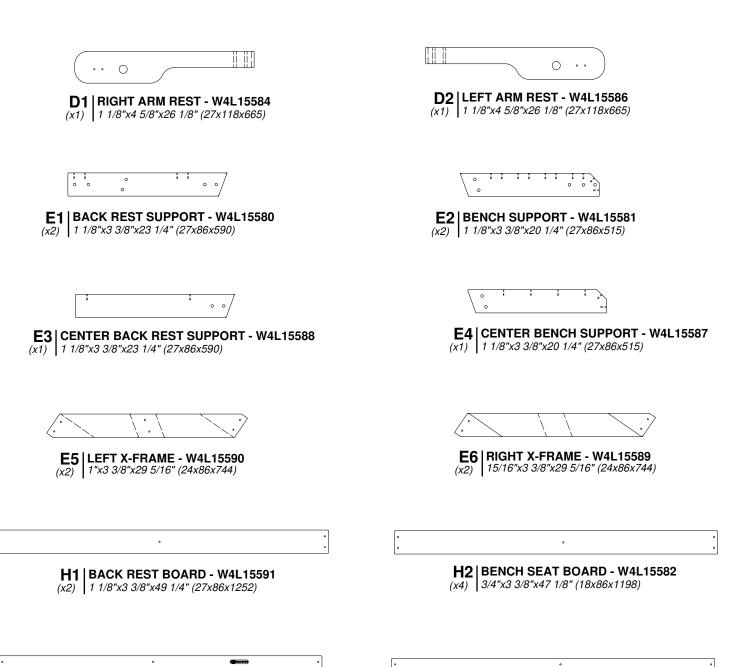
• Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly.





NOT TO EXCEED 600 LBS MINIMUM OF 8" OFF THE GROUND

Wood Components (Not to Scale)



J1 FRONT BENCH SEAT BOARD ASSEMBLY - W2A03255 (x1) 11/16"x1 3/4"x47 3/16" (18x45x1198)

J2 | FRONT BENCH SEAT BOARD - W4L15585 (x1) | 3/4"x1 3/4"x47 1/8" (18x45x1198)

0 **

W1 | ARM REST SUPPORT - W4L15583 (x2) | 2 3/4"x1 3/8"x13" (70x35x330)



Hardware Components









H100761 | BOLT HEX BLK (x7) | 5/16x2









 $\begin{array}{c|c} \textbf{H100816} & \textbf{SCREW PFH BLK} \\ (x4) & 8x7/8 \end{array}$



(x18) **5**/16



H100198 WASHER LOCK EXT BLK 8x19



H100474 | **WASHER FLAT BLK** (x24) | 9x18



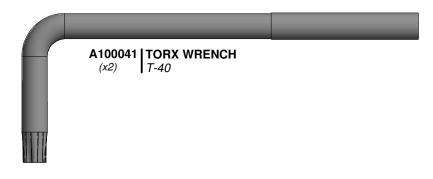
H100199 | WASHER LOCK EXT BLK | 12x19

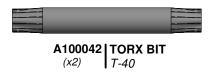


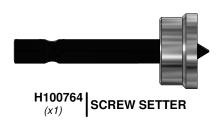


Parts Identification

Hardware Components



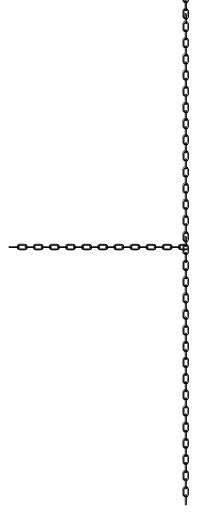




Accessory Components (Not to Scale)











 $\left. {^{\mathbf{A100241}}}_{(x1)} \right|$ BYD ID TAG (SMALL) WITHOUT AGES



E1 | BACK REST SUPPORT - W4L15580 | 1 1/8"x3 3/8"x23 1/4" (27x86x590)

E2 | BENCH SUPPORT - W4L15581 | 1 1/8"x3 3/8"x20 1/4" (27x86x515)

E3

| CENTER BACK REST SUPPORT - W4L15588 | 1 1/8"x3 3/8"x23 1/4" (27x86x590)

E4 | CENTER BENCH SUPPORT - W4L15587 | 1 1/8"x3 3/8"x20 1/4" (27x86x515)

H100195 BOLT WH BLK 5/16x2-3/4

0

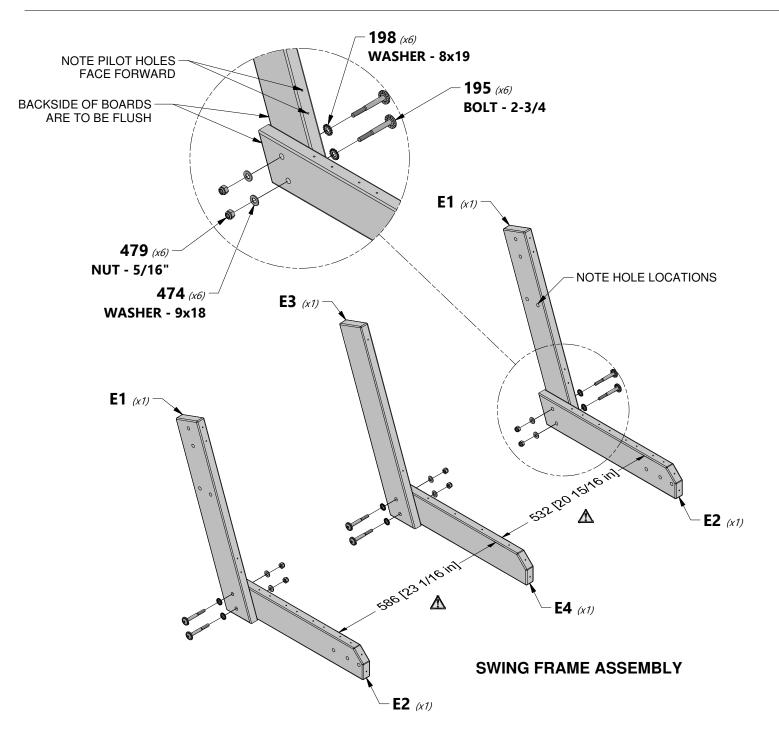
H100474 WASHER FLAT BLK (x6) 9x18



H100479 NUT LOCK BLK 5/16



H100198 WASHER LOCK EXT BLK





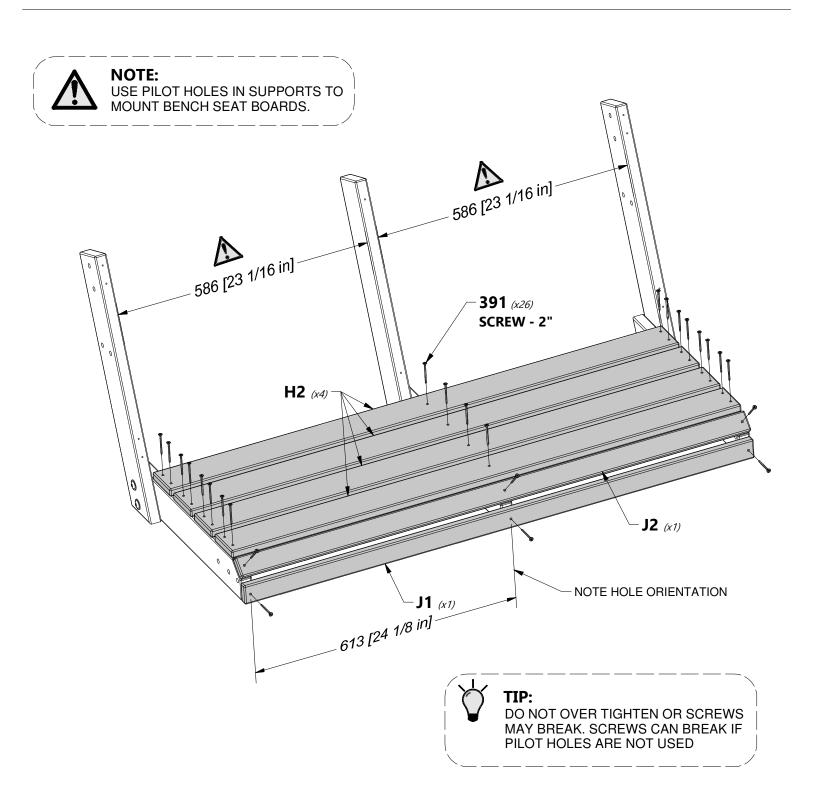
H2 (x4)

BENCH SEAT BOARD - W4L15582 3/4"x3 3/8"x47 1/8" (18x86x1198) J1 | FRONT BENCH SEAT BOARD ASSEMBLY - W2A03255 (x1) | 11/16"x1 3/4"x47 3/16" (18x45x1198)

J2

FRONT BENCH SEAT BOARD - W4L15585 3/4"x1 3/4"x47 1/8" (18x45x1198)

H100391 | SCREW PFH BLK | 8x2





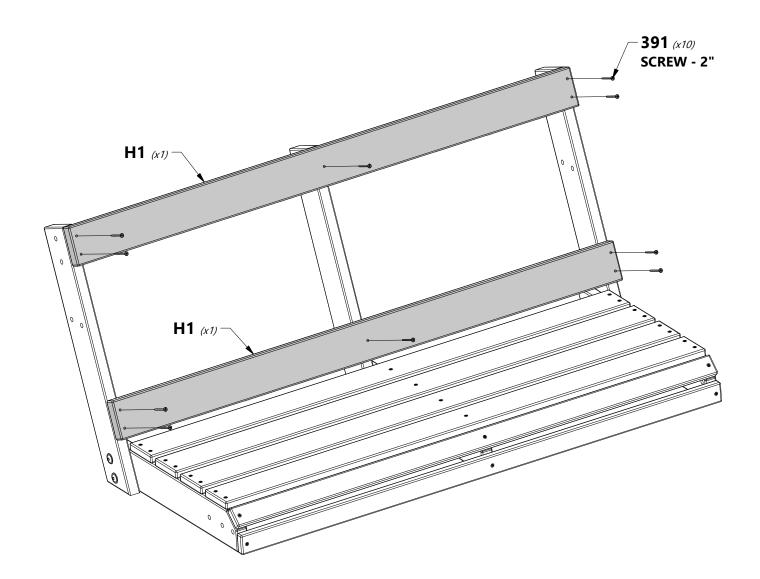
H1 | BACK REST BOARD - W4L15591 | 1 1/8"x3 3/8"x49 1/4" (27x86x1252)

H100391 SCREW PFH BLK (x10) 8x2



NOTE:

USE PILOT HOLES IN SUPPORTS TO MOUNT BACK REST BOARDS.





E5 | LEFT X-FRAME - W4L15590 | 1"x3 3/8"x29 5/16" (24x86x745)

E6 (x2) | RIGHT X-FRAME - W4L15589 | 15/16"x3 3/8"x29 5/16" (24x86x745)

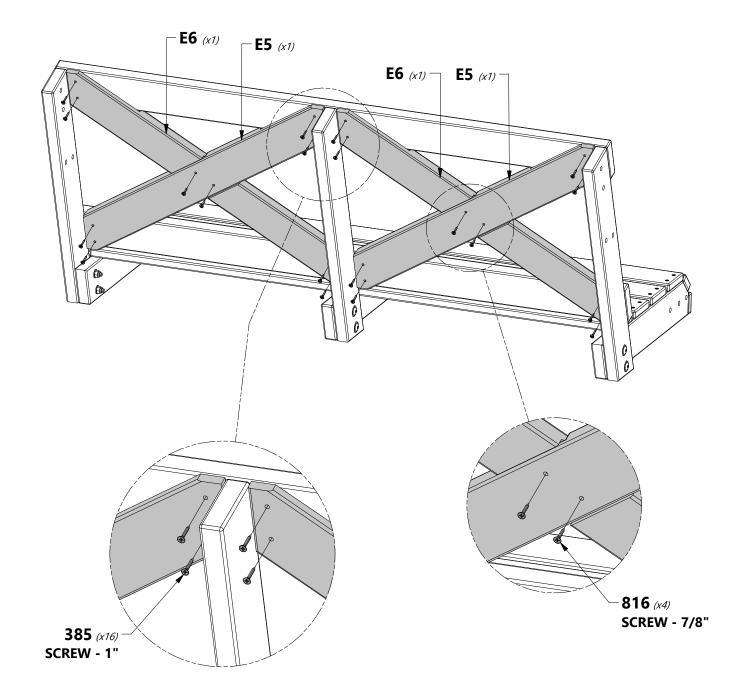
H100385 SCREW PFH BLK (x16)

 $\begin{array}{c|c} \textbf{H100816} & \textbf{SCREW PFH BLK} \\ (x4) & 8x7/8 \end{array}$



NOTE:

ATTACH E6 BOARDS BEFORE ATTACHING E5 BOARDS.

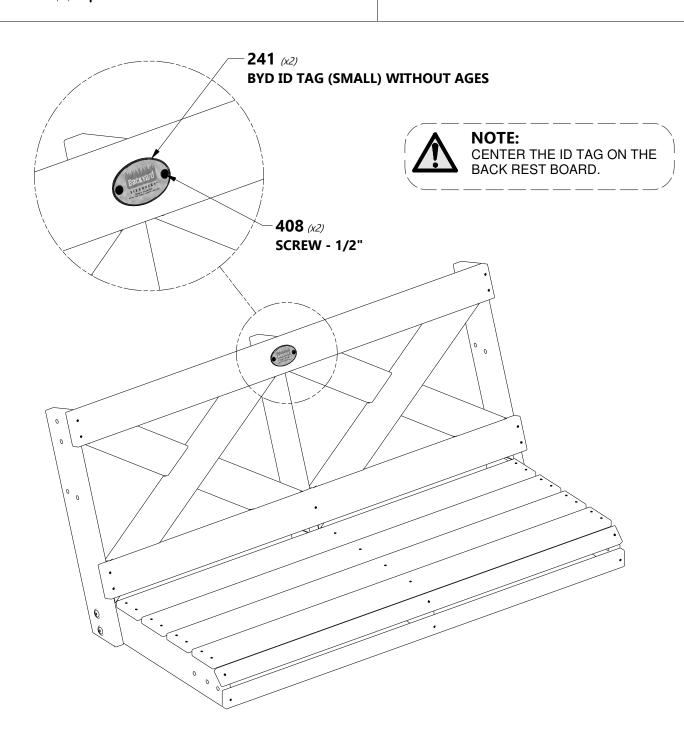






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m A100241}\atop (x1) \right|$ BYD ID TAG (SMALL) WITHOUT AGES



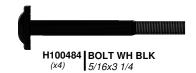






ARM REST SUPPORT - W4L15583 (x2) 2 3/4"x1 3/8"x13" (70x35x330)





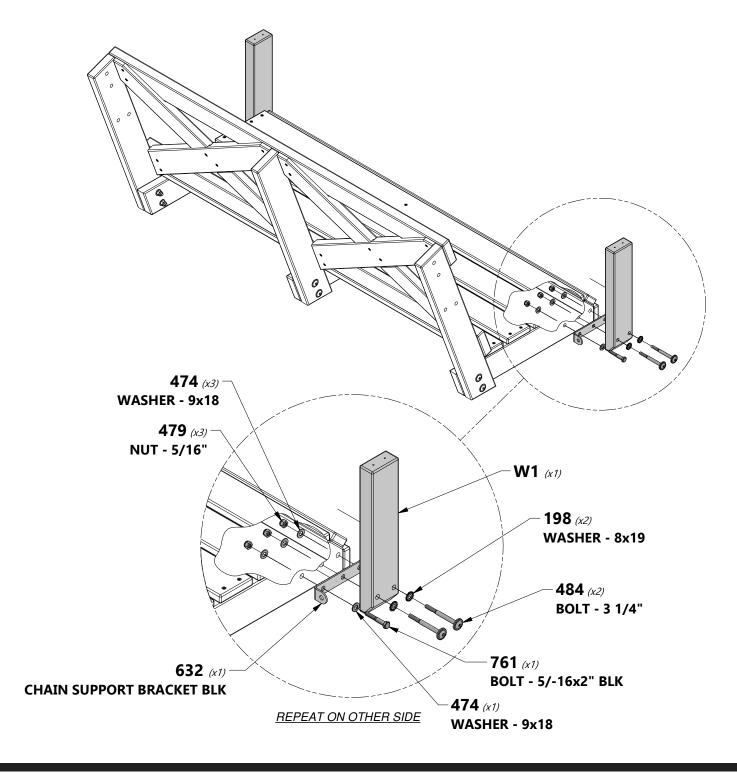




H100479 NUT LOCK BLK 5/16











(1) D1 - RIGHT ARM REST - W4L15584 1 1/8"x4 5/8"x26 1/8" (27x118x665)



(1) D2 - LEFT ARM REST - W4L15586 1 1/8"x4 5/8"x26 1/8" (27x118x665)



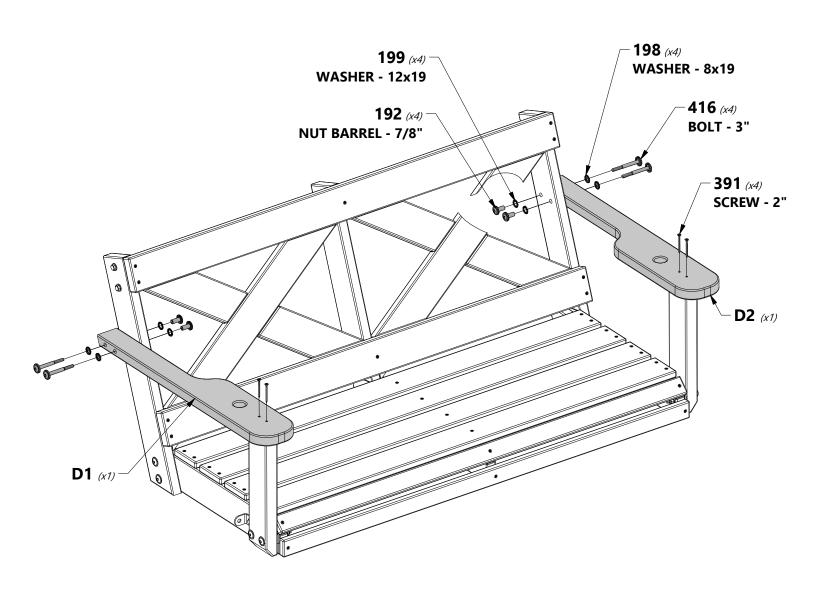






H100199 WASHER LOCK EXT BLK 12x19

H100198 WASHER LOCK EXT BLK 8x19





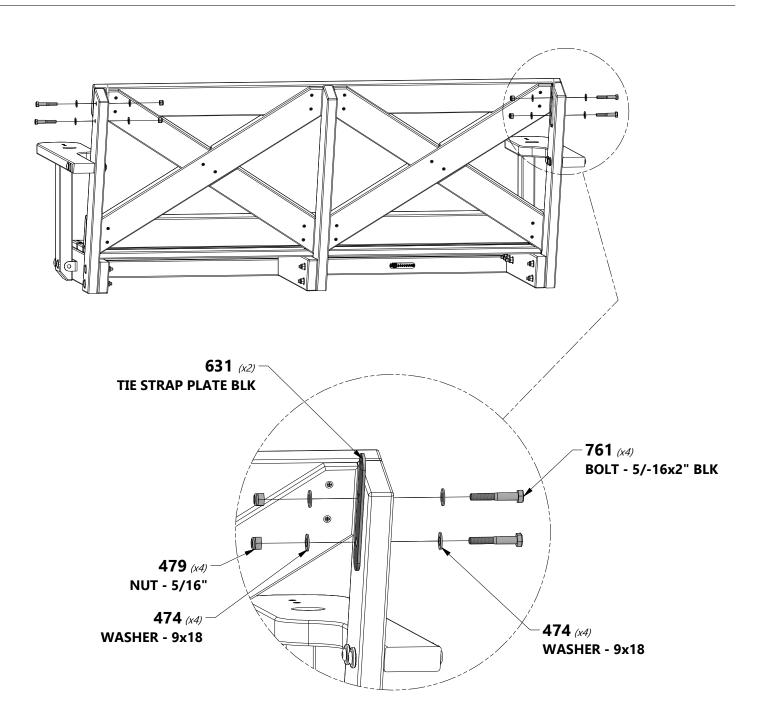


 $\left. {
m A4M00631}\atop (x2) \right|$ TIE STRAP PLATE BLK



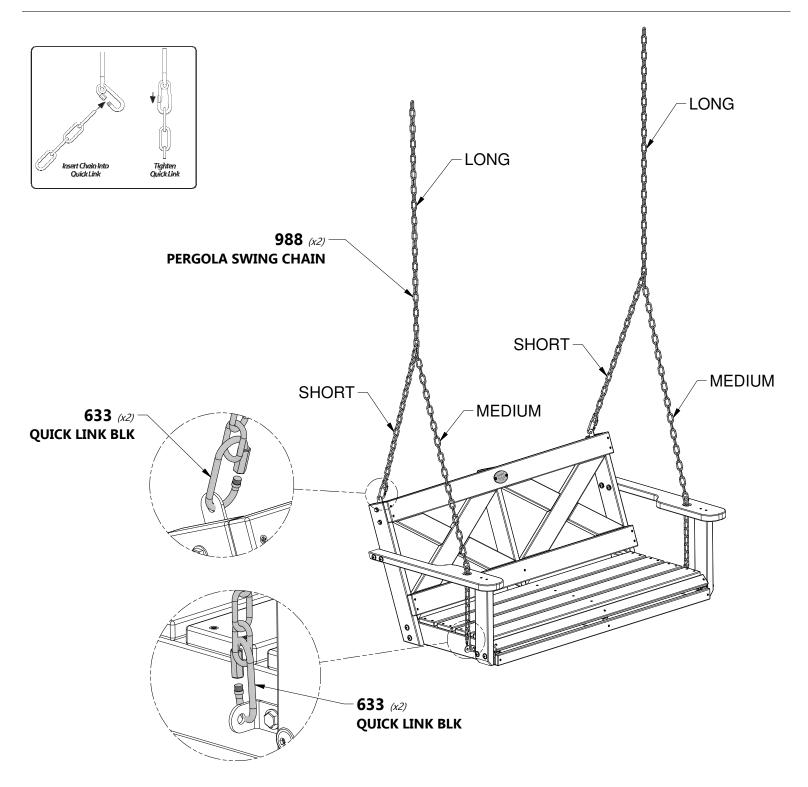














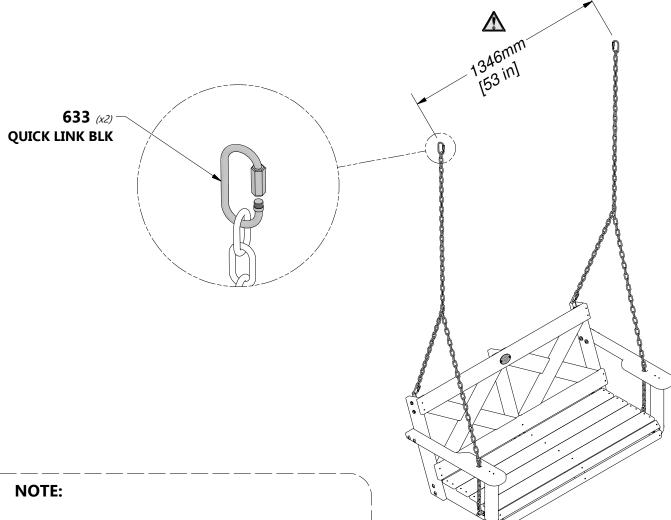






TIP:

- Before hanging the swing, make sure the support beam or joists in the ceiling will support the weight of the swing and its occupants. If you're unsure of the ceiling strength please get the advice of an experienced carpenter.
- The included quick links may not work for all applications. Get the advice of a professional for an alternative solution.





Positioning the swing

- Leave a minimum of 2-1/2 feet in front of and behind the swing for ample swinging room.
- Position the swing chains between 51" to 55" apart to efficiently disperse the weight.

NOT TO EXCEED 600 LBS