

14x10 STRATFORD, ASHFORD, HAWTHORNE PERGOLA

Model #'s 2105058, 2105072

Owner's Manual & Assembly Instructions

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





2105058 STRATFORD (BLACK)

2105065 ASHFORD (BROWN)



2105072 HAWTHORNE (WHITE)



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

Before you begin

FOR QUICK & EASY ASSEMBLY

FIND 3D INSTRUCTIONS
FOR THIS PRODUCT IN

BILT.

DOWNLOAD THE FREE APP

Google Play

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



INSTALLATION SERVICES AVAILABLE!*

Need a helping hand?

Let our team of professionals handle the installation for you!

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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.

We do the heavy lifting, so you don't have to!

- 18+ Years of Experience Servicing Big Box Retailers and Direct Consumers
- Highly Skilled, Specialized, Courteous, Professional Service Technicians
- Over 140,000 Installations Annually
- White Glove Service

- Satisfaction Guarantee
- Flexible Appointments, including weekends
- Coverage across the nation

Visit www.goconfigure.com for more info!

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





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 WARANTY CLAIMS IF PARTS ARE UNAVILABALE 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) year from the original date of purchase. All wood carries a five (5) year warranty against rot and decay from the original purchase date.

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.

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

This Limited Warranty does not cover:

- Installation the warranty is null and void if installation is not in accordance with the directions
- 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
- 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 the modified products or consequences resulting from failure of a modified product.

To make a Warranty claim, send complete information regarding any product defect, including: (i) a copy of the original receipt for purchase, (ii) acceptance of installation documentation, (iii) a description, including pictures wherever possible, describing, defining and showing such defect. Such information should be sent to:

Backyard Discovery LLC, C/O Warranty Claims Department 3305 Airport Rd Pittsburg, KS 66762

Please read entire booklet completely before beginning the assembly process

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

For Your Records:

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

Where Purchased:

Date of Purchase:

Installation Date:

Installed by:

Tracking Number:

Tracking Number:

Tracking Number Reference Label

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





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 (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.
- 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.
- Touch up paint is available through Backyard Discovery.

 Please have the product number tag available for reference for customer support. This insures the correct color will be provided.

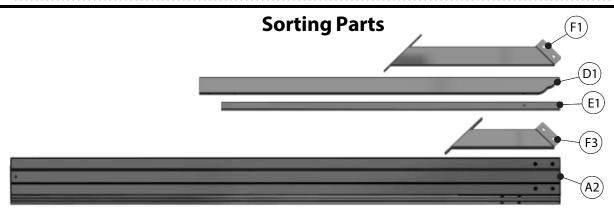
OWNERS SHALL BE RESPONSIBLE FOR MAINTAINING THE LEGIBILITY OF THE WARNING LABELS





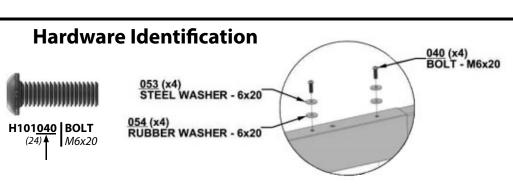
ASSEMBLY TIP:

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 parts 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.

Hardware is identified 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.



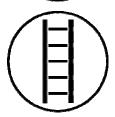
Tools Required



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



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



A ladder will be needed for assembly. DO NOT stand or climb on any part of the structure at any point. Doing so may result in injury.



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



A tape measure may be needed to check overall dimensions to ensure structure is square.



Basic Setup Dimensions & Assembly Notes

It is critically important that you start with square and level footings, concrete pad or deck to attach your structure

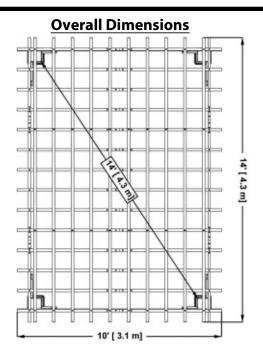
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

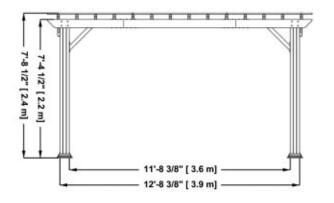
Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood or concrete surface.

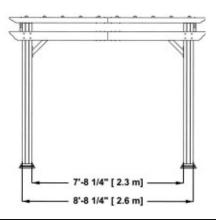
- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface NOT is included.
- The hardware to mount the structure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there is ample structural support under the deck before permanently attaching.

Metal Roof Assembly

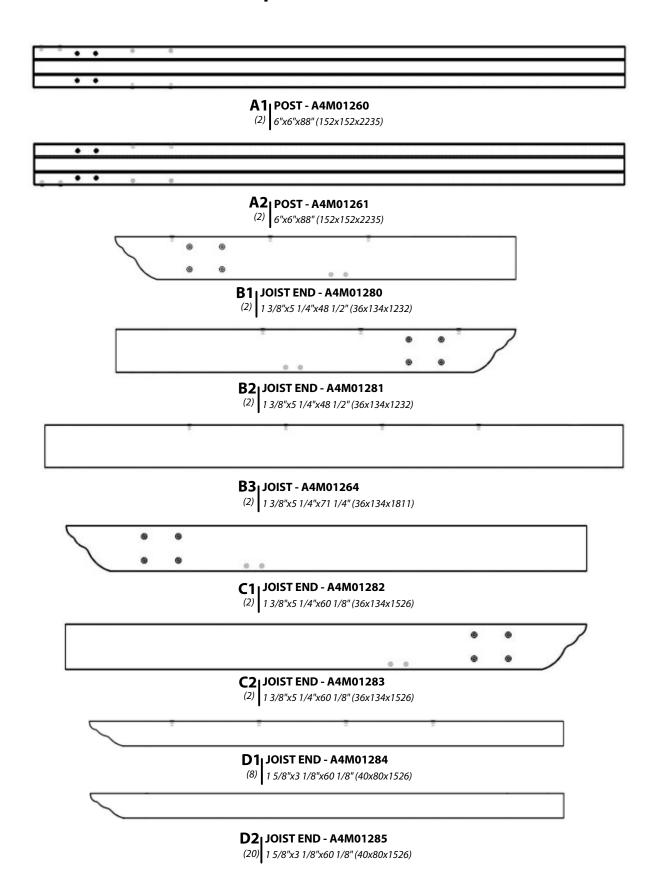
Remove plastic covering from metal roof panels before installing each piece. Place roofing materials on a nonabrasive, flat surface before and after assembly as it could bend, dent or scratch





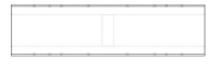


Metal Components (Not to Scale)





Metal Components (Not to Scale)

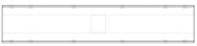


(4) SPLICE BRACKET - A4M01269
1 1/4"x5 1/8"x19 5/8" (33x131x500)



J2 SPLICE BRACKET - A4M01270
(2) 1 1/4"x5 1/8"x15 3/4" (33x131x400)

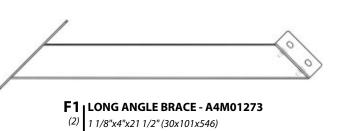
(10) 3/4"x1 5/8"x60 3/8" (20x40x1534)

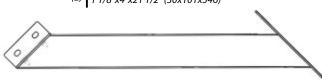


J3 | SPLICE BRACKET - A4M01271 | 1 1/2"x3"x15 3/4" (37x77x400)



E2 | PURLIN - A4M01277

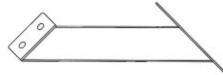




F2 LONG ANGLE BRACE - A4M01274
(2) 1 1/8"x4"x21 1/2" (30x101x546)



F3 SHORT ANGLE BRACE - A4M01275
(2) 1 1/8"x4"x14" (30x101x355)



F4 SHORT ANGLE BRACE - A4M01276
(2) 1 1/8"x4"x14" (30x101x355)



Hardware Components









H101041 | HEX PAN HEAD (42) | M6x1x40



H101042 | HEX PAN HEAD (30) | M6x1x100



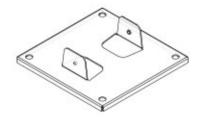
H101043 | HEX SOCKET SCREW M6x1x20



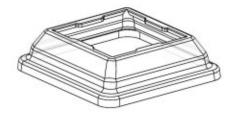
H101052 | ALLEN BIT

H101051 ALLEN WRENCH

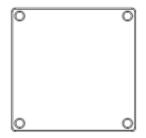
Accessory Components (Not to Scale)



G1 POST FOOT PLATE - A4M01278
(4) 2 1/8"x8 3/8"x8 3/8" (54x213x213)



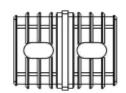
G2 (4) POST FOOT - A4M01279 25/8"x9 7/8"x9 7/8" (68x250x250)



G3 FOOT PLASTIC PLATE - A6P00464
(4) 3/8"x8 1/8"x8 1/8" (11x207x207)



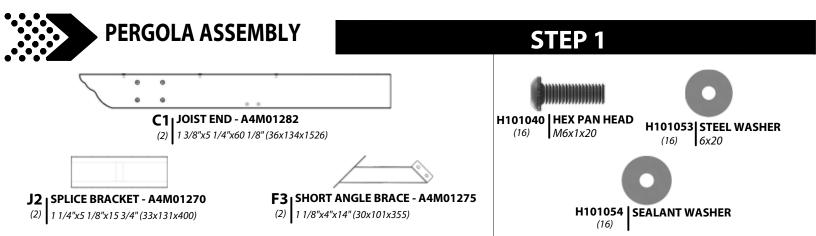
H1 HOLE COVER - A4M01352

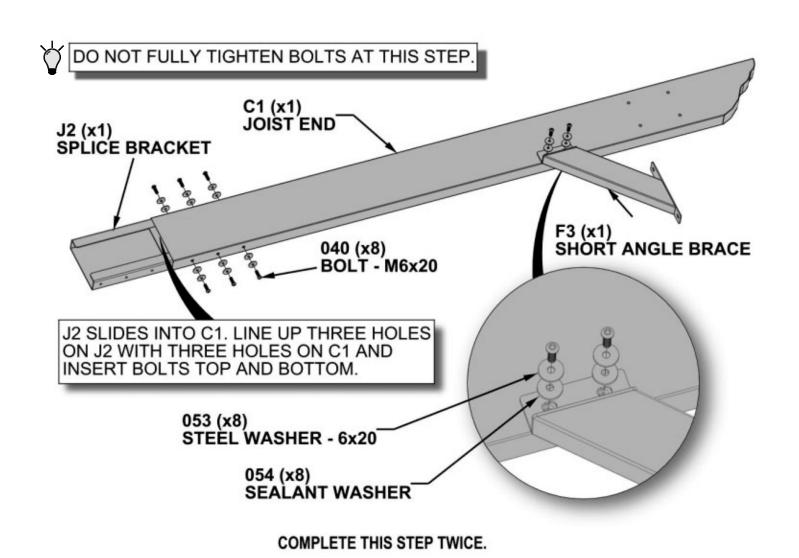


H2₍₂₀₎ 2-WAY SQUARE PLUG- A6P00465 3/4"x1 5/8"x2" (20x40x52)



 $9205413 \mid \text{ELECTRICAL ENCLOSURE}$







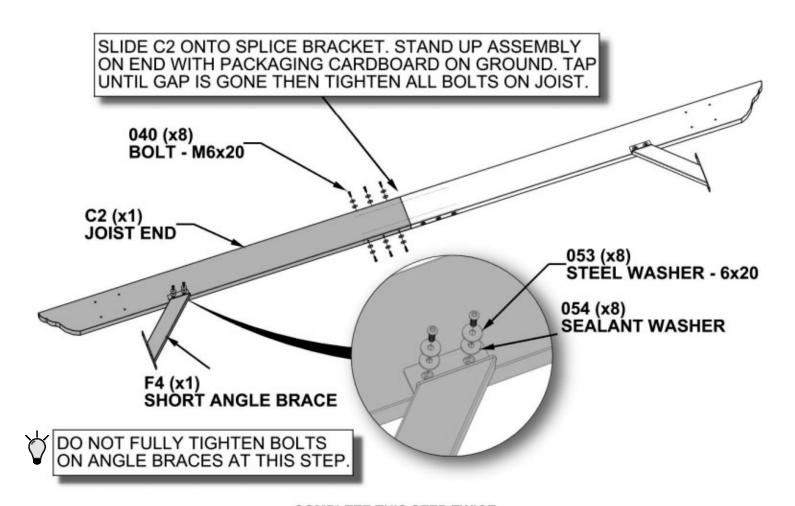




C2| JOIST END - A4M01283 (2) 1 3/8"x5 1/4"x60 1/8" (36x134x1526)

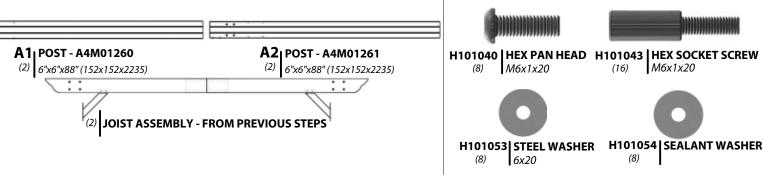
F4| SHORT ANGLE BRACE - A4M01276 (2) 1 1/8"x4"x14" (30x101x355)

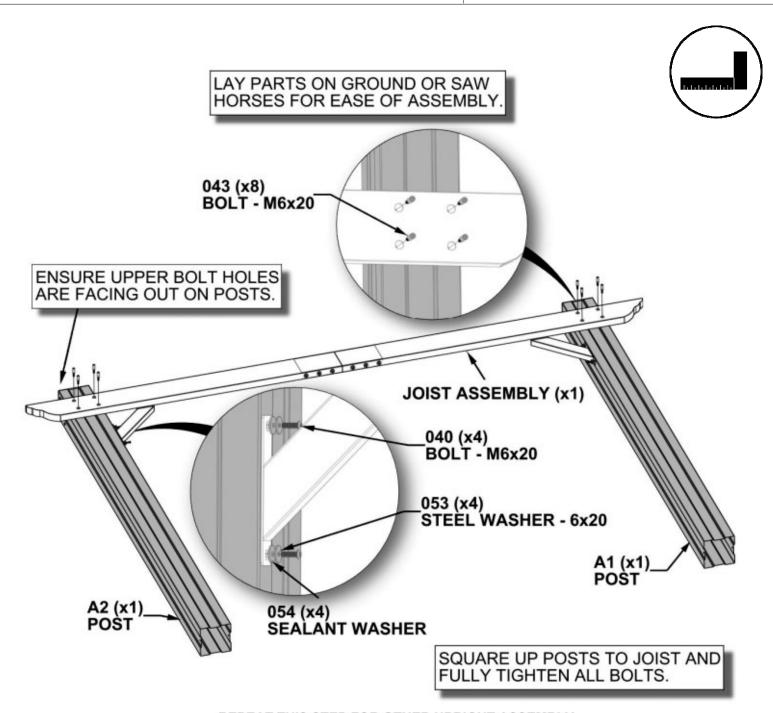
H101054 | SEALANT WASHER (16)



COMPLETE THIS STEP TWICE.







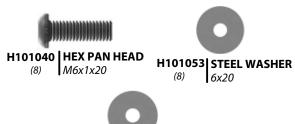
REPEAT THIS STEP FOR OTHER UPRIGHT ASSEMBLY.



G1 POST FOOT PLATE - A4M01278
(4) 2 1/8"x8 3/8"x8 3/8" (54x213x213)

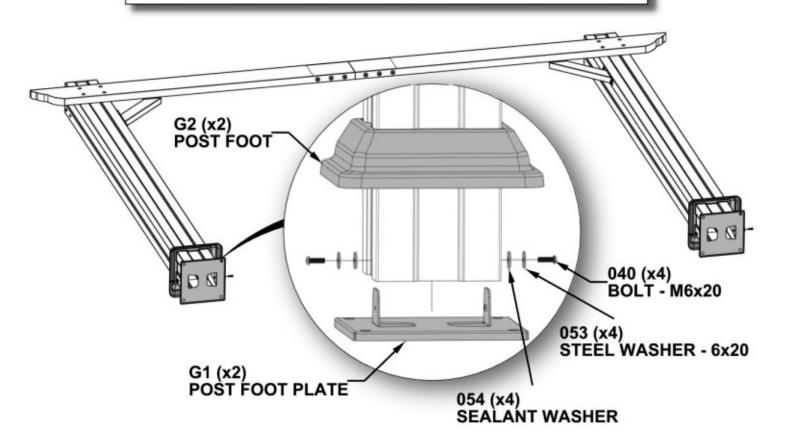


G2 (4) POST FOOT - A4M01279 2 5/8"x9 7/8"x9 7/8" (68x250x250)





SLIDE A POST FOOT ONTO EACH POST THEN BOLT ON POST FOOT PLATES TO EACH POST. VERTICAL TAB ON POST FOOT PLATE LINES UP WITH HOLES ON SIDE OF POST.



REPEAT THIS STEP FOR OTHER UPRIGHT ASSEMBLY.



(2) 1 3/8"x5 1/4"x71 1/4" (36x134x1811)

B3₁ JOIST - A4M01264

STEP 5



M6x1x20

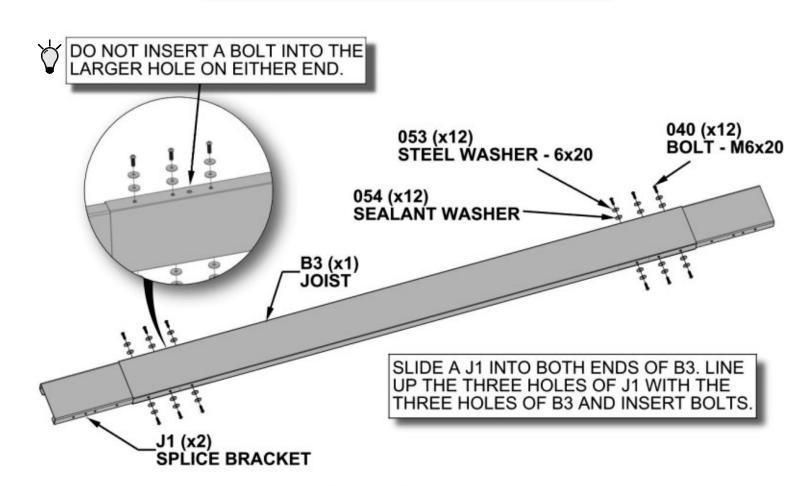
H101053 STEEL WASHER
(24) 6x20

SPLICE BRACKET -

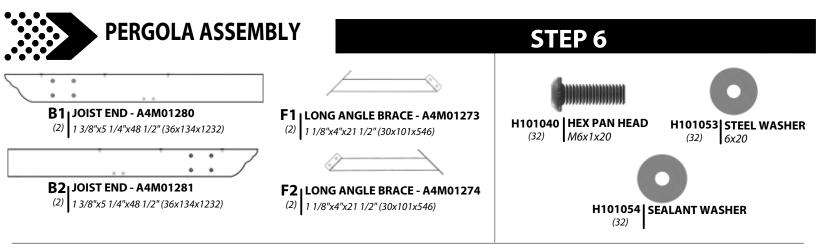
J1 SPLICE BRACKET - A4M01269
(4) 1 1/4"x5 1/8"x19 5/8" (33x131x500)

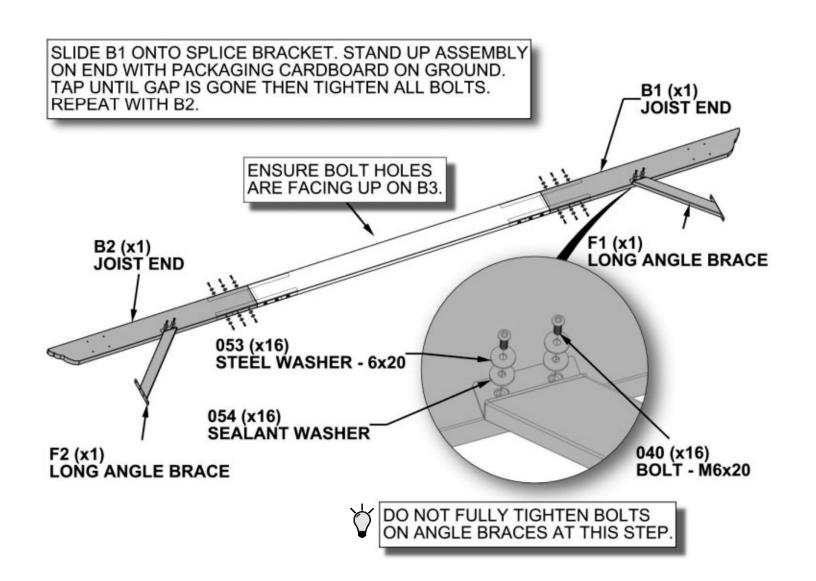
H101054 SEALANT WASHER





REPEAT THIS STEP FOR OTHER JOIST.

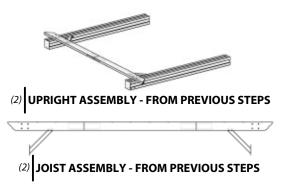




REPEAT THIS STEP FOR OTHER JOIST ASSEMBLY.

PERGOLA ASSEMBLY

STEP 7





H101040 | HEX PAN HEAD
(8) | M6x1x20



H101043 | HEX SOCKET SCREW M6x1x20

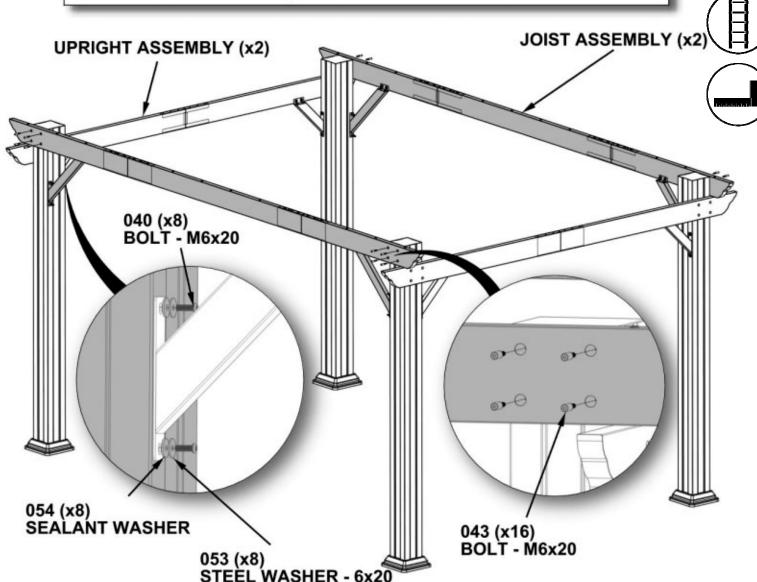


H101053 STEEL WASHER
(8) 6x20



H101054 | SEALANT WASHER

WITH BOTH UPRIGHT ASSEMBLIES STANDING, ONE JOIST ASSEMBLY IS BOLTED ON WITHOUT FULLY TIGHTENING BOLTS. ONCE ONE JOIST ASSEMBLY IS BOLTED ON, BOLT ON SECOND JOIST ASSEMBLY.



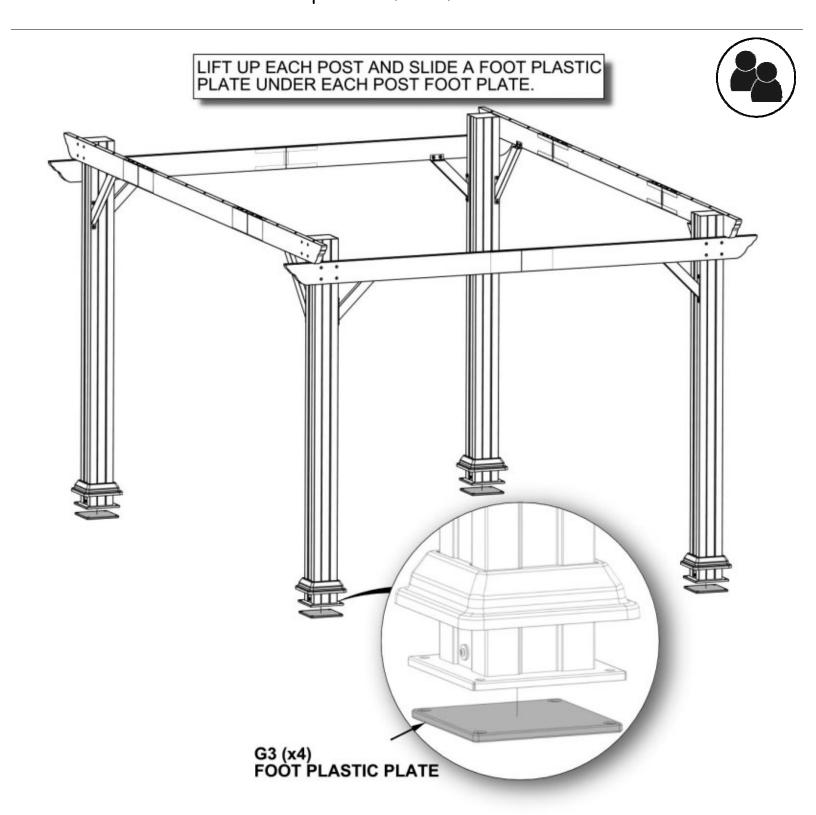
SQUARE UP ALL POSTS TO JOIST ASSEMBLIES AND FULLY TIGHTEN ALL BOLTS.

NOTE: A THIRD PERSON IS HELPFUL FOR THIS STEP.





G3 FOOT PLASTIC PLATE - A6P00464 (4) 3/8"x8 1/8"x8 1/8" (11x207x207)



H101040 | HEX PAN HEAD

M6x1x20

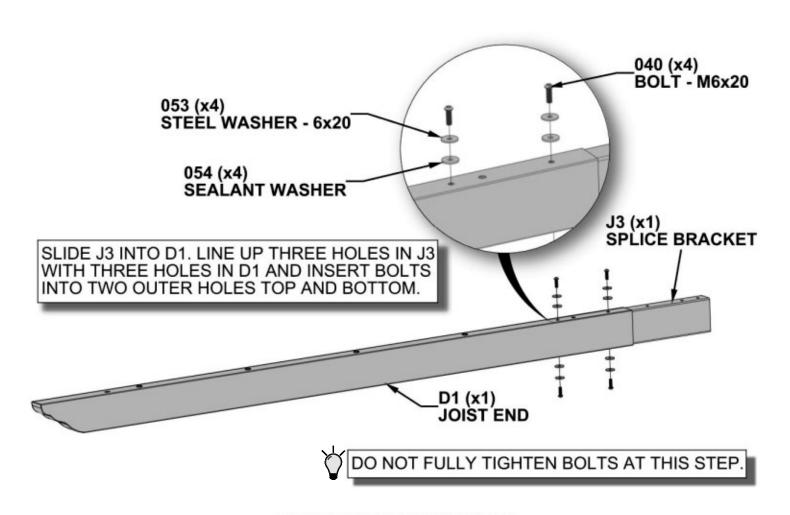
H101053 STEEL WASHER
(16) 6x20

D1 JOIST END - A4M01284

(4) 1 5/8"x3 1/8"x60 1/8" (40x80x1526)

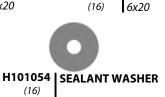
J3 SPLICE BRACKET - A4M01271
11/2"x3"x15 3/4" (37x77x400)

H101054 SEALANT WASHER

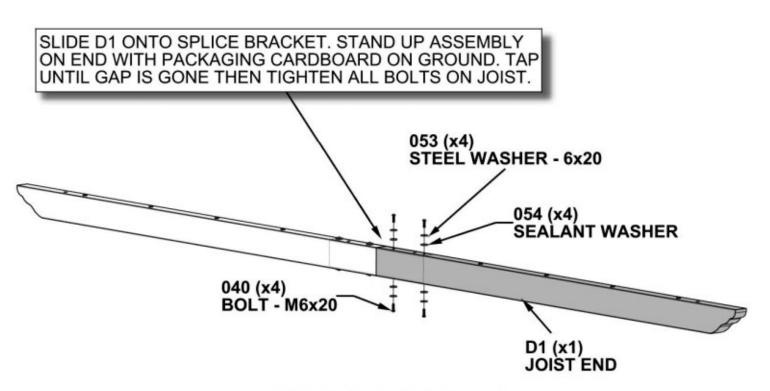


COMPLETE THIS STEP FOUR TIMES.





D1 JOIST END - A4M01284
(4) 1 5/8"x3 1/8"x60 1/8" (40x80x1526)



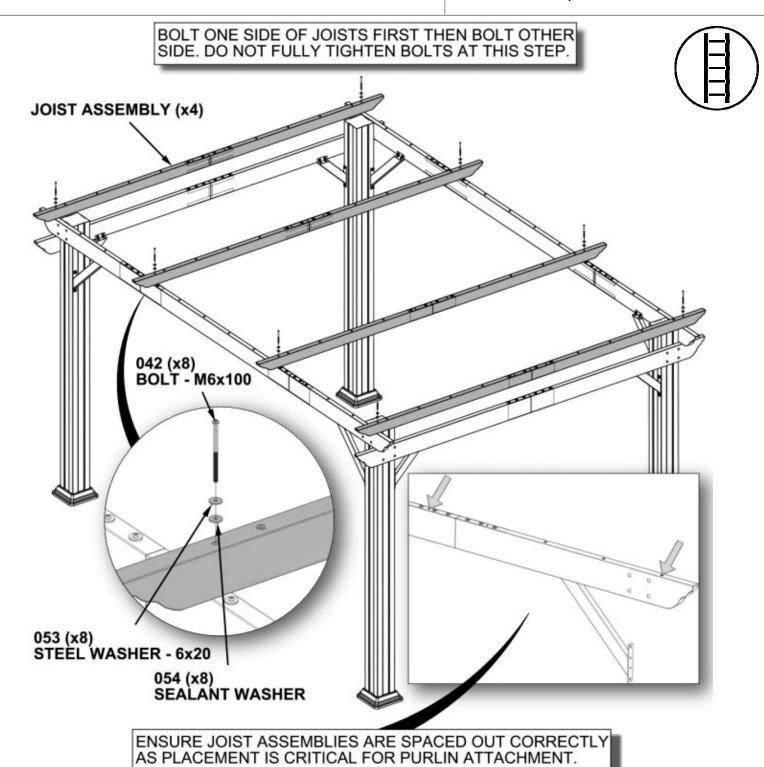
COMPLETE THIS STEP FOUR TIMES.





(4) JOIST ASSEMBLY - FROM PREVIOUS STEPS

H101054 SEALANT WASHER







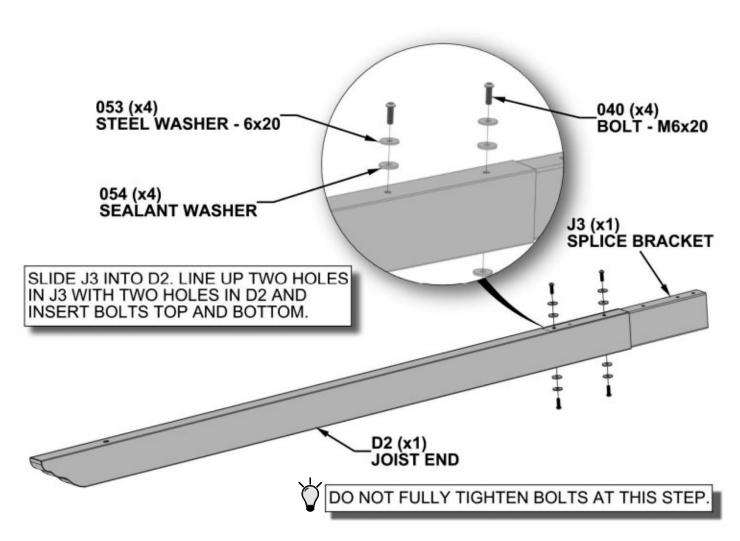
H101053 STEEL WASHER (40) 6x20

D2| JOIST END - A4M01285 (10) 1 5/8"x3 1/8"x60 1/8" (40x80x1526)

J3 | SPLICE BRACKET - A4M01271

(10) 1 1/2"x3"x15 3/4" (37x77x400)

H101054 | SEALANT WASHER (40)



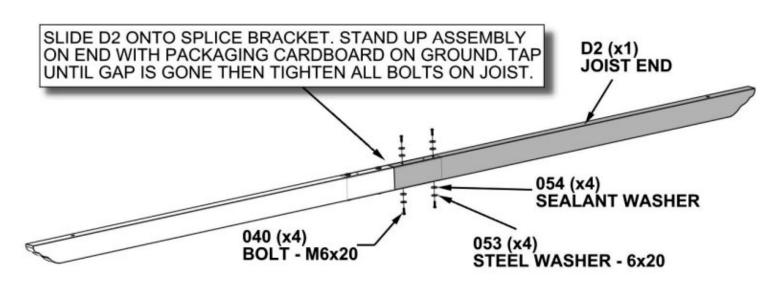
COMPLETE THIS STEP TEN TIMES.





D2 JOIST END - A4M01285 (10) 15/8"x3 1/8"x60 1/8" (40x80x1526)

H101054 SEALANT WASHER



COMPLETE THIS STEP TEN TIMES.



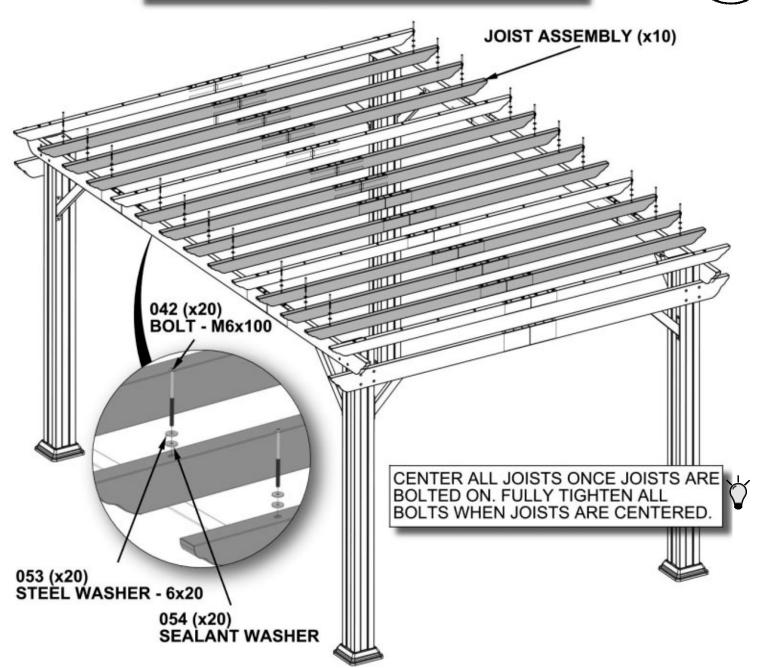


(10) JOIST ASSEMBLY - FROM PREVIOUS STEPS



BOLT ONE SIDE OF JOISTS FIRST THEN BOLT OTHER SIDE. DO NOT FULLY TIGHTEN BOLTS YET.

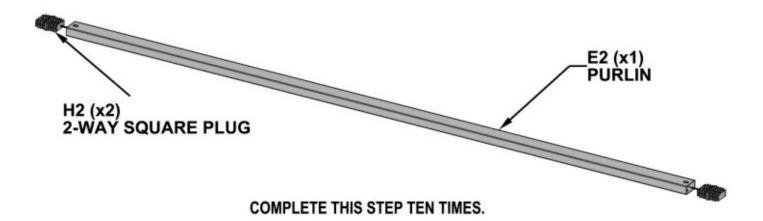




E2 PURLIN - A4M01277 (10) 3/4"x1 5/8"x60 3/8" (20x40x1534) H2 2-WAY SQUARE PLUG- A6P00465 (20) 3/4"x1 5/8"x2" (20x40x52)



SLIDE A 2-WAY SQUARE PLUG INTO EACH END OF PURLIN.



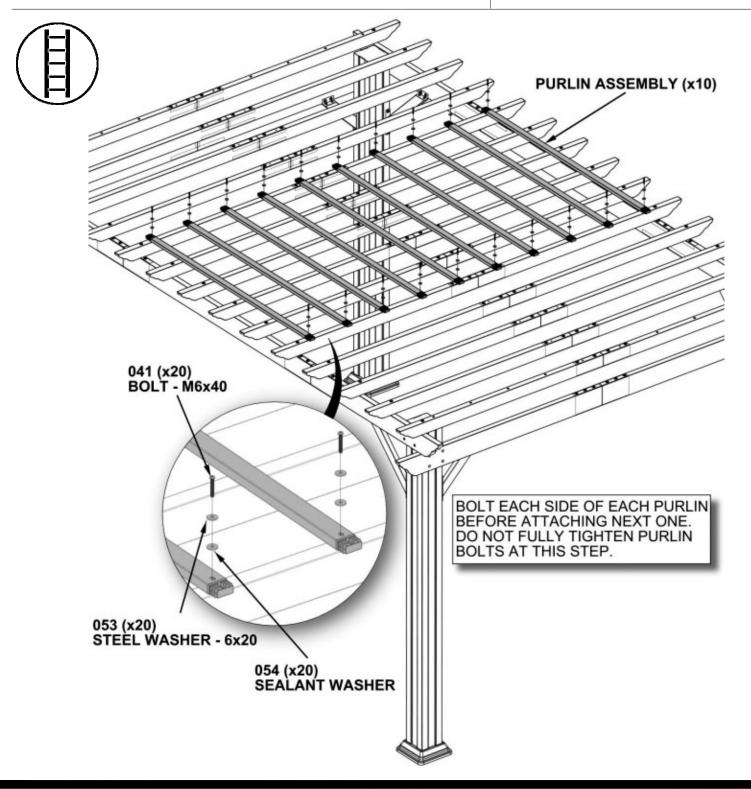
NOTE: A RUBBER MALLET MAY BE HELPFUL TO GET THE 2-WAY SQUARE PLUGS INTO THE ENDS OF THE PURLIN.



H101053 STEEL WASHER
(20) 6x20

(10) PURLIN ASSEMBLY - FROM PREVIOUS STEPS



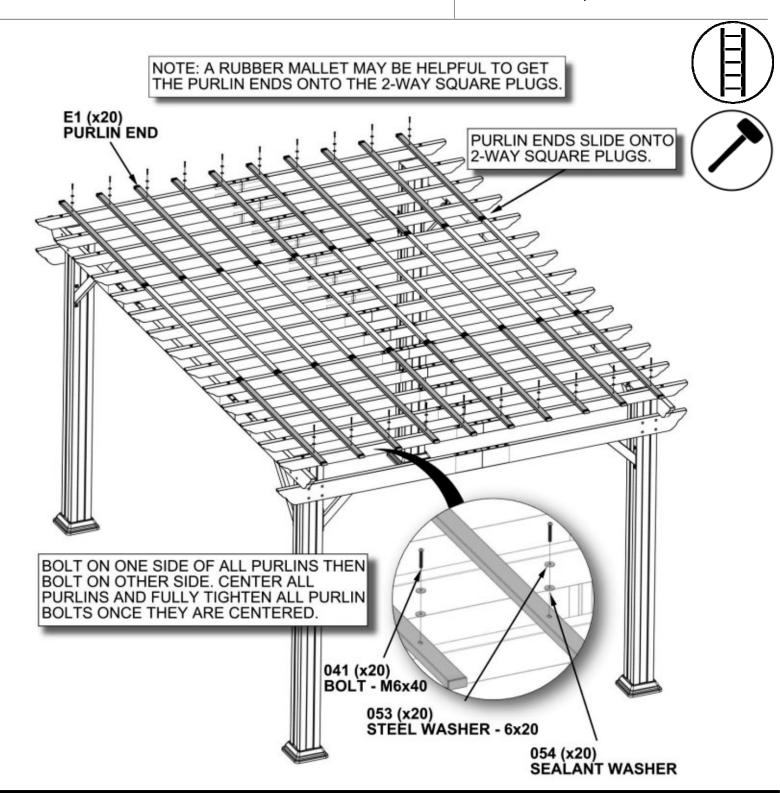






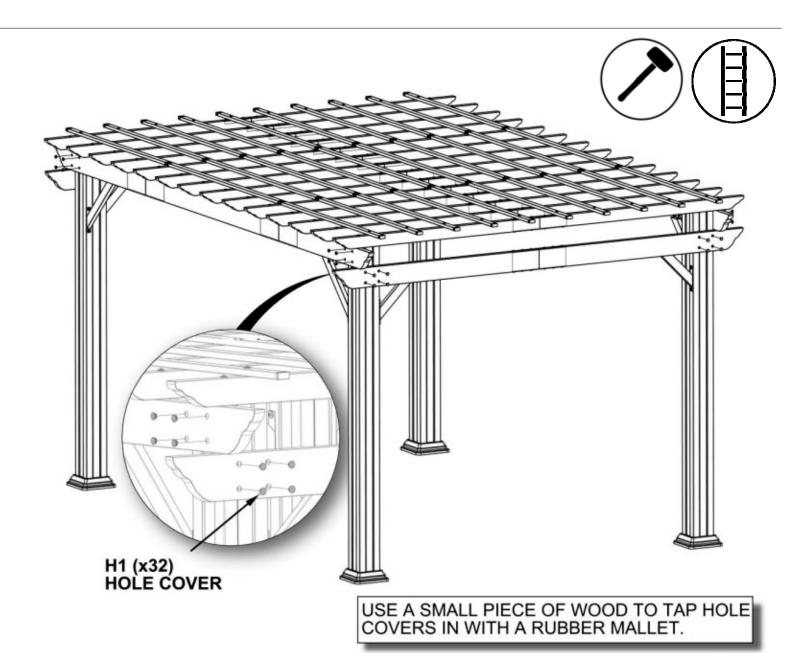
E1 PURLIN END - A4M01286
(20) 3/4"x1 5/8"x53 7/8" (20x40x1368)

H101054 | SEALANT WASHER

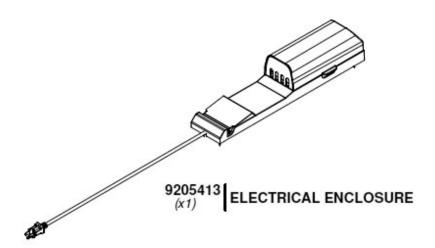












FOR ELECTRICAL ENCLOSURE INSTALLATION REFER TO ASSEMBLY INSTRUCTIONS THAT COMES PACKAGED WITH THE ELECTRICAL ENCLOSURE KIT. INSTALL ON ANY POST THAT IS DESIRED. FOLLOW DIRECTIONS FOR PROPER INSTALLATION.