

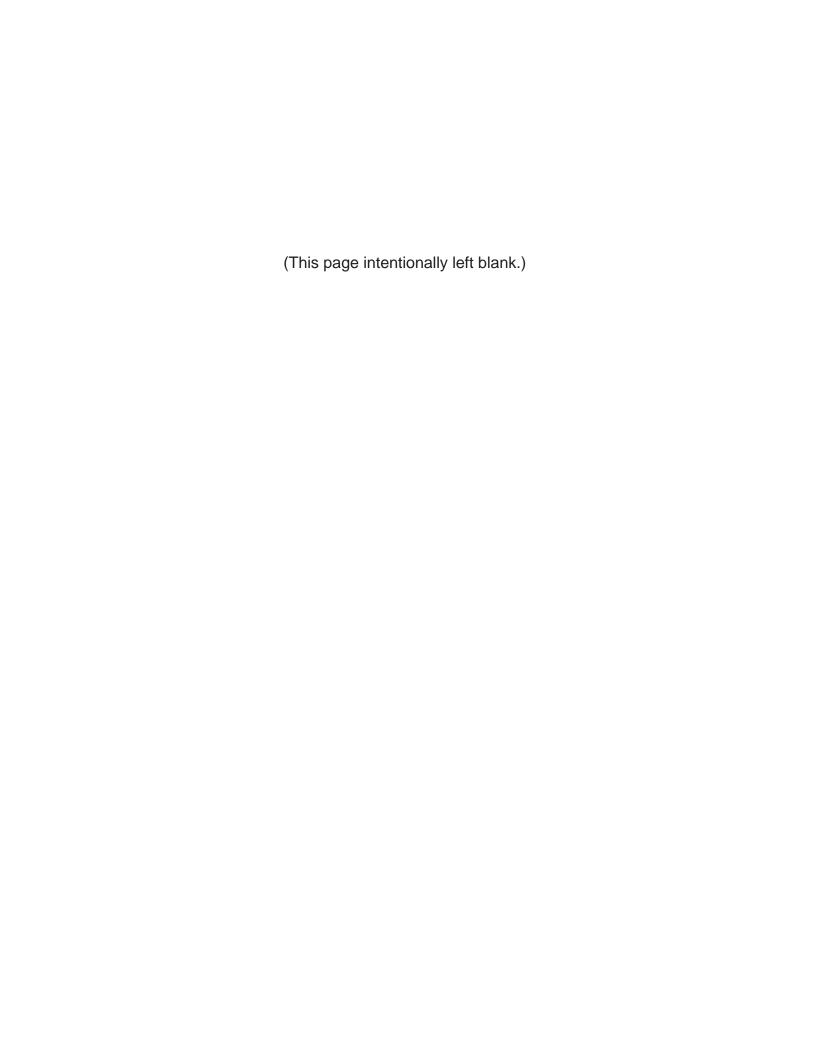
Call Us First! DO NOT RETURN TO STORE.

For immediate help with assembly or product information call our toll-free number:

1-800-577-9663

or email:

customerservice@backyardproductsllc.com
Our staff is ready to provide assistance.
April through October M - F 8:00 AM to 7:00 PM EST
Saturday 8:30 AM to 4:30 PM EST
November through March M - F 8:00 AM to 5:00 PM EST



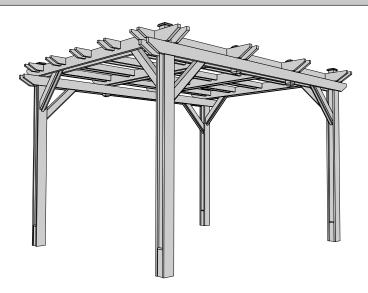


ASSEMBLY MANUAL

16712 10/13/2011

CATALINA PERGOLA 10' x 12' (305 x 366 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



⚠ IMPORTANT! ⚠READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE YOU BEGIN

BUILDING RESTRICTIONS AND APPROVALS

Be sure to check with local building department and homeowners association for specific restrictions and/ or requirements before building.

ENGINEERED DRAWINGS

Contact our Customer Service Team if engineered drawings are needed to pull local permits.

• SURFACE PREPARATION

To ensure proper assembly you must build your pergola on a level surface.

CHECK ALL PARTS

Inventory all parts listed on pages 3. Contact our Customer Service Team if any parts are missing or damaged.

LEVELING AND ANCHORING

You may choose to anchor your pergola. See page 5 for optional methods of leveling and anchoring your pergola.

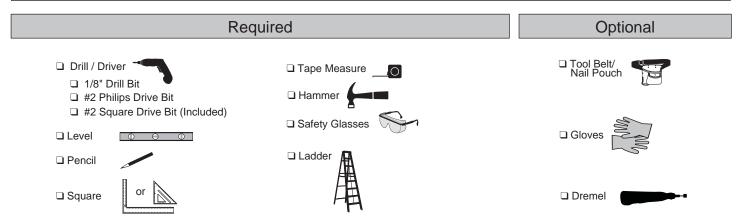


- CUSTOMER SERVICE -



Call: 1-800-577-9663 email: customerservice@backyardproductsllc.com

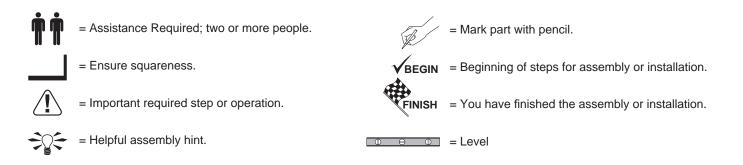
TOOLS



Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

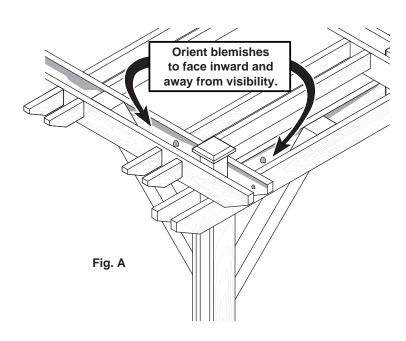
Look for these symbols for helpful reminders throughout this manual.



ORIENT LUMBER FOR BEST APPEARANCE

Always install the material leaving the best edge and best surface visible. Please remember that these blemishes in no way negatively affect the strength or integrity of our product.

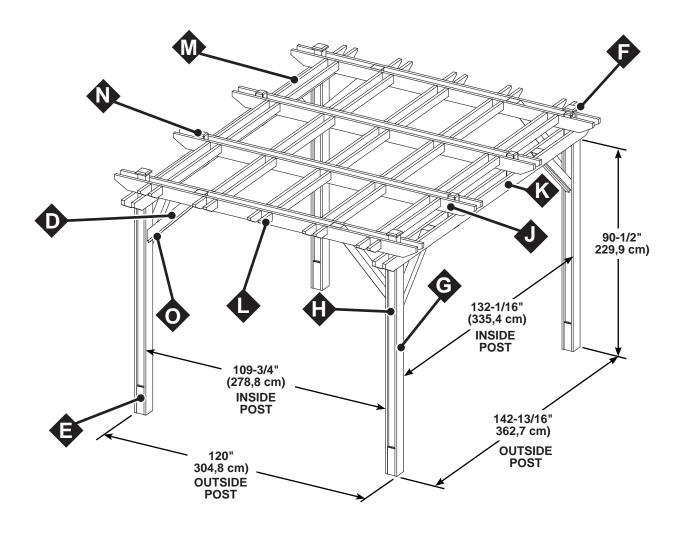
(See Fig. A)



PARTS IDENTIFICATION AND SIZES

PARTS LIST INVENTORY YOUR PARTS before you begin. We suggest sorting parts by the category they are listed in.		
RAFTERS	x20 x4 x30 x8 x4	N 3-3/8 x 3-3/8 x 14" (8,6 x 8,6 x 35,6 cm) Sandpaper Micro-Shade Concentrate
POSTS	x4	F 1 x 4-3/4 x 4-3/4" (2,5 x 12,1 x 12,1 cm)
	 x8 x8	E 7/8 x 3-3/8 x 11-7/8" (2,2 x 8,6 x 30,2 cm) 3-3/8 x 3-3/8 x 37" (8,6 x 8,6 x 94 cm)
	x8	O 3/4 x 1-1/2 x 37" (1,9 x 3,8 x 94 cm)
	 x8 x4	G 7/8 x 5-3/8 x 90-1/2" (2,2 x 13,7 x 229,9 cm) H 3-3/8 x 3-3/8 x 103-1/2" (8,6 x 8,6 x 262,9 cm)
FASTENER/HARDWARE BAG		
	☐ x7(☐ x27 ☐ x8(70 (7,6 cm)
	☐ x8	3-1/2" (8,9 cm)
	☐ x8	3/8" (1,0 cm)
		3/8" (1,0 cm)

PERGOLA ANATOMY



CARE AND MAINTENANCE

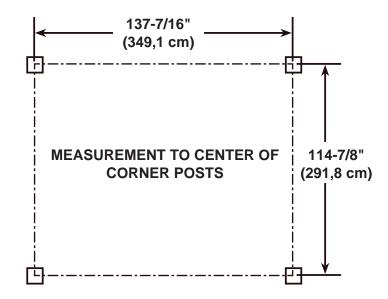
- □ The wood in your pergola has been treated with a process called ProWood Micro for resistance to fungal decay and insect infestation.
- □ The color of your pergola is from a process called MicroShade [™] and involves adding pigment into the wood as it is pressure treated. This process results in colorant throughout the wood which helps minimize surface markings being visible. The appearance of your pergola with MicroShade will last about two years with no stain application. Over time the color of the pergola wood will slightly darken.
- If you want, you may apply a water repellent which will benefit the wood and help minimize splitting, checking and surface cracking.
- Checking, splitting and surface cracking are characteristics of all wooden structures. This is caused by varying seasonal temperatures and moisture conditions. To minimize this checking and/or cracking you may coat your pergola with a water repellent.
- ☐ A wood stain may be applied to your pergola if you choose.
- □ For minor touch-up we have included sandpaper and some MicroShade concentrate. Refer to page 26 of this manual for our suggested procedure for minor touch-up.
- We suggest you inspect all hardware and fasteners used to assemble your pergola for any deterioration or looseness.
 Re-tighten hardware as required.

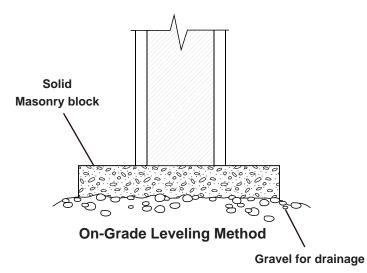
LEVELING AND ANCHORING OPTIONS

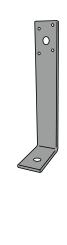
There are multiple ways to anchor your Pergola. A few methods are shown below. Anchoring materials are not included in this kit.

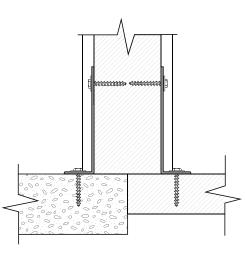


Check anchoring methods with your local building department.

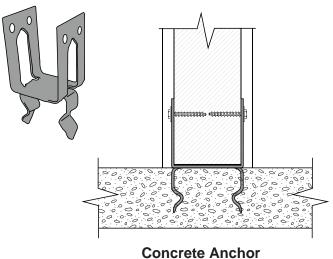


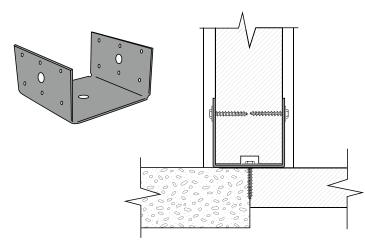






Concrete/Wood Deck Anchor





Concrete/Wood Deck Anchor

RAFTERS

PARTS REQUIRED:

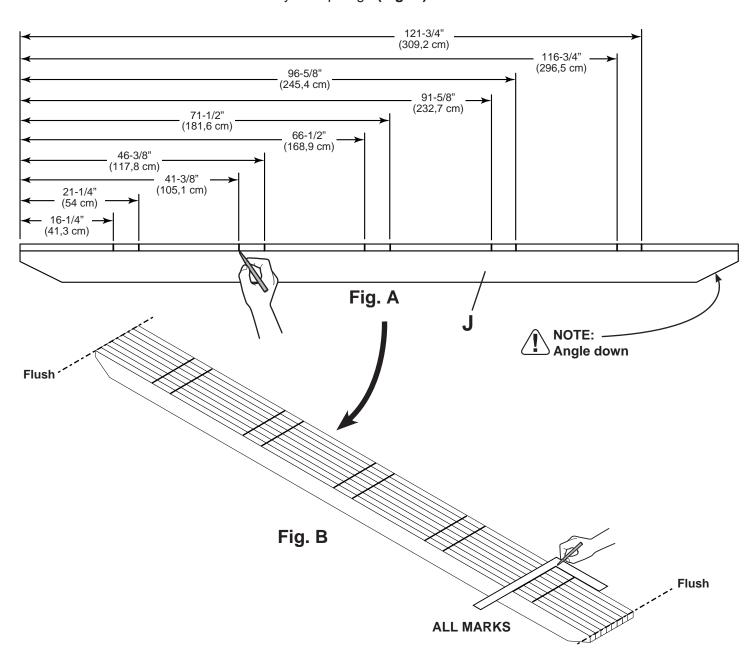
y1-3/8 x 5-3/8 x 138" (3,5 x 13,7 x 350,5 cm)

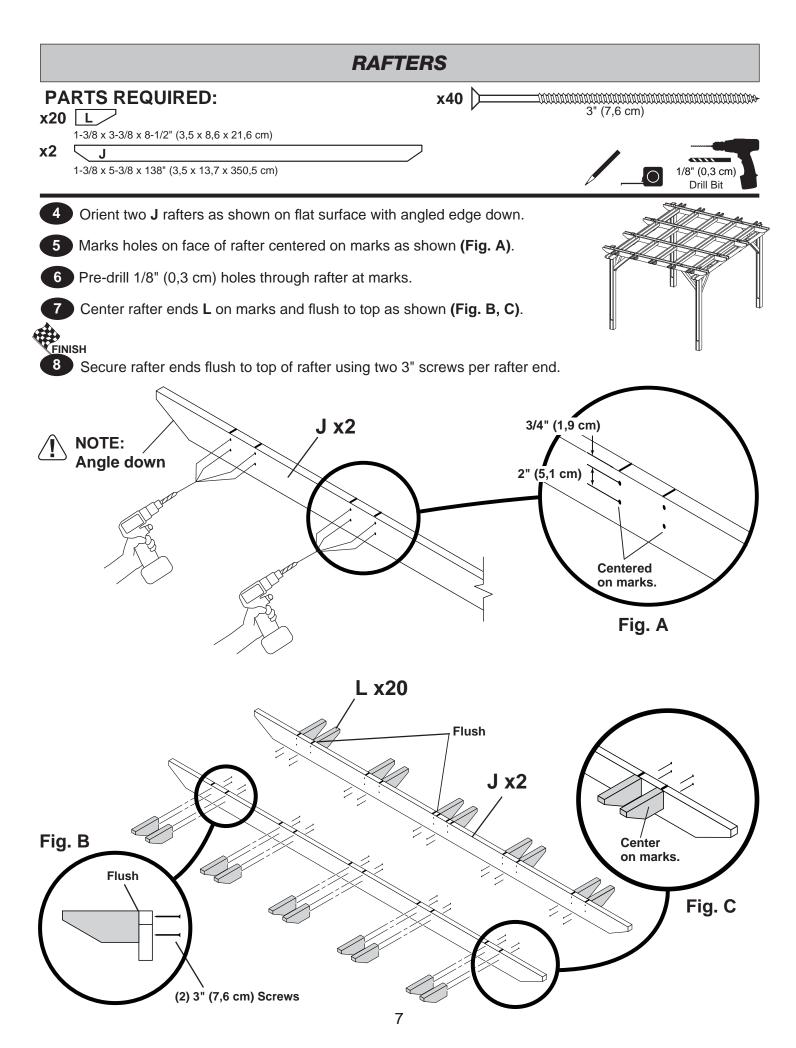




/ YOU WILL MARK ONE RAFTER FIRST!

- 1 Place one 138" long rafter as shown with the angled end downward.
- Measure and mark locations at top of rafter as shown (Fig. A).
- Align all J rafters flush at ends. Using a square, use previously marked rafter to mark ALL EIGHT rafters consistently on top edge (Fig. B).



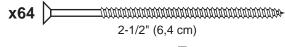


CORNER POSTS

PARTS REQUIRED:

x8 G

7/8 x 5-3/8 x 90-1/2" (2,2 x 13,7 x 229,9 cm)





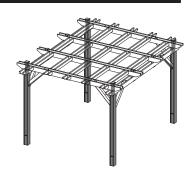


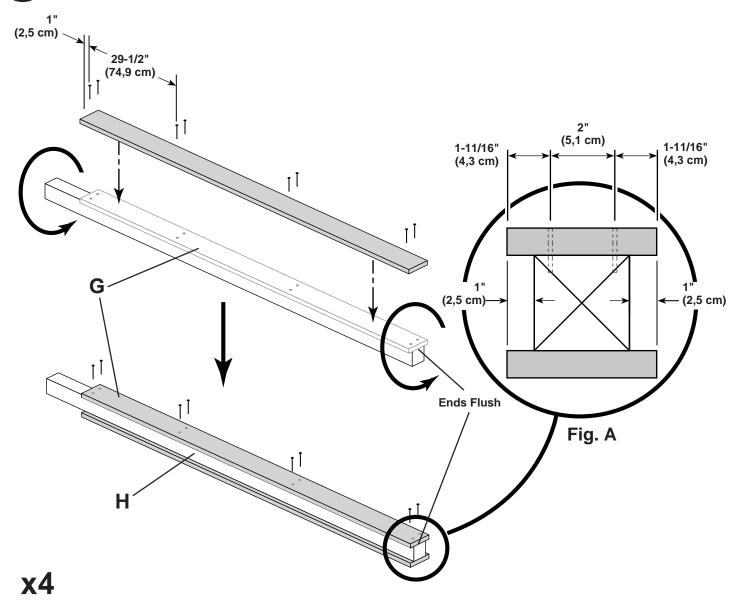
BEGIN

- Position post face **G** on top of post **H** flush at end and with a 1" overhang on each side (**Fig. A**).
- 2 Secure using eight 2-1/2" screws on each side. Pre-drilling is optional.
- Flip post and face over and install a second post face as shown.

FINISH

4 Repeat steps 1-3 to assemble three more posts.



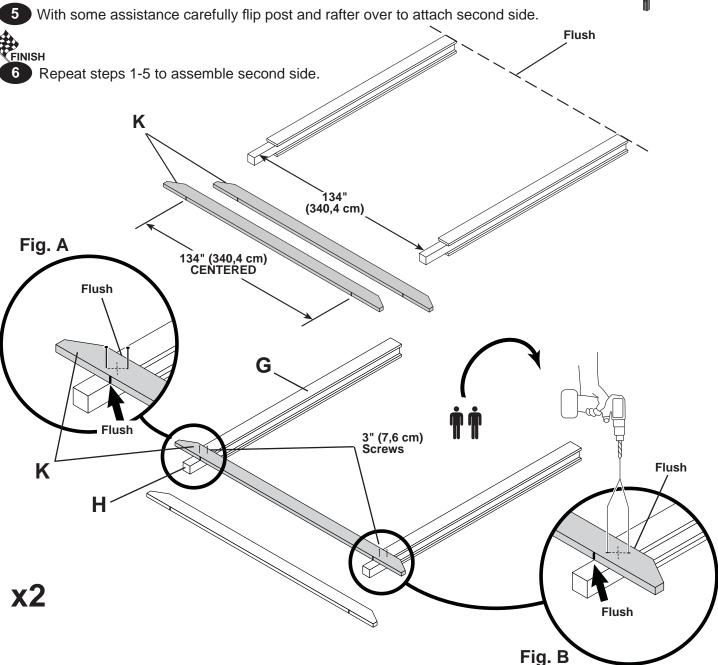


CORNER POSTS

PARTS REQUIRED: x16 **x4** K 1/8" (0,3 cm) 1-3/8 x 5-3/8 x 162" (3,5 x 13,7 x 411,5 cm) Drill Bit

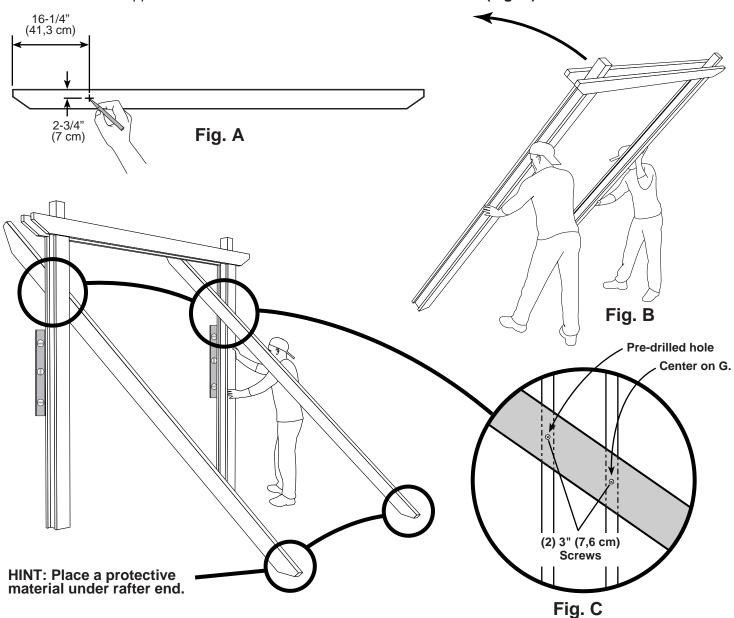
BEGIN

- 1 Arrange parts as shown on a level surface. Both post assemblies should be approximately parallel and flush at each end.
- Measure and mark 134" centered on rafter. Locate mark to inside of post (Fig. A,B).
- 3 Pre-drill two holes 1/8" x 2" DEEP diagonally as shown (Fig. B).
- Secure rafter to corner post using two 3" screws (Fig. A).



CORNER POSTS PARTS REQUIRED: x4 J 1-3/8 x 5-3/8 x 138" (3,5 x 13,7 x 350,5 cm) IMPORTANT! GET A HELPER TO ASSIST YOU FOR SAFETY AND STABILITY DURING THIS PROCEDURE. 10 Measure and mark four rafters as shown (Fig. A). Pre-drill 1/8" (0,3 cm)

- Measure and mark four rafters as shown (Fig. A). Pre-drill 1/8" (0,3 cm) hole through rafter.
- Raise rafter assembly on level surface (Fig. B). HINT: Place a protective material under rafter end.
- 3 Place marked rafter boards angled toward top of post.
- 4 Level both corner posts on both sides and secure to braces using two 3" (7,6 cm) screws for support at each side of **BOTH** Post & Rafter Assemblies (Fig. C).



CORNER POSTS

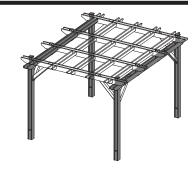
PARTS REQUIRED:

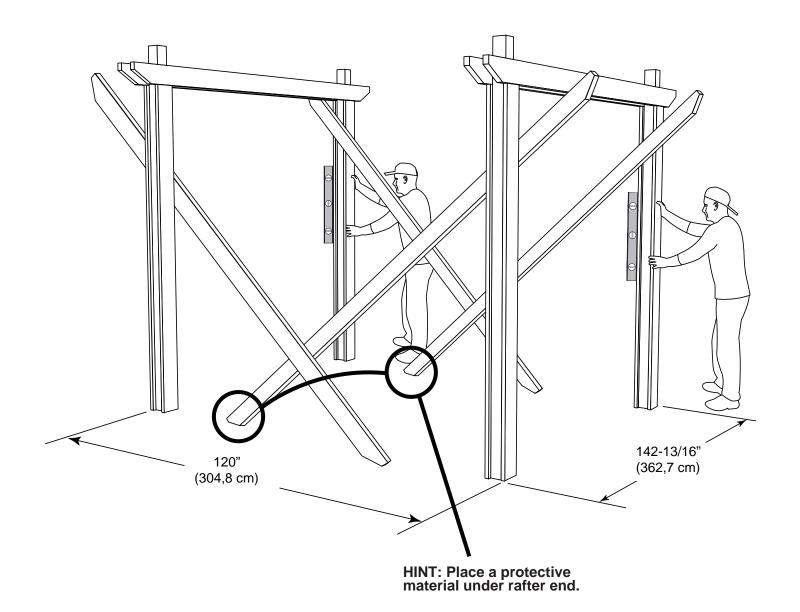


IMPORTANT! GET A HELPER TO ASSIST YOU FOR SAFETY AND STABILITY DURING THIS PROCEDURE.



- Repeat steps 1-4 to raise second assembly. HINT: Place a protective material under rafter end.
- 6 Separate two raised assemblies 120" (304,8 cm) from outside edges with supports angled inward.

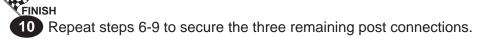


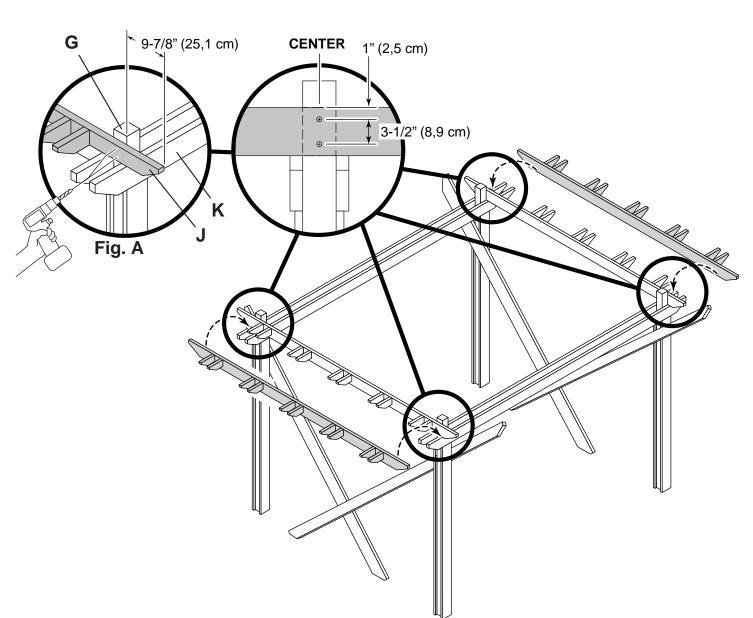


RAFTERS

PARTS REQUIRED: x8 PRE-ASSEMBLED x8 PRE-ASSEMBLED

- Rest previously assembled rafters **J** on rafters **K** with outside edge of **J** 9-7/8" (25,1 cm) from outside edge of **G** at both ends (**Fig. A**).
- 8 Pre-drill two holes 1/8" x 2" DEEP (Fig. A).
- 9 Secure using two 3" screws on each side.





CORBELS

PARTS REQUIRED:

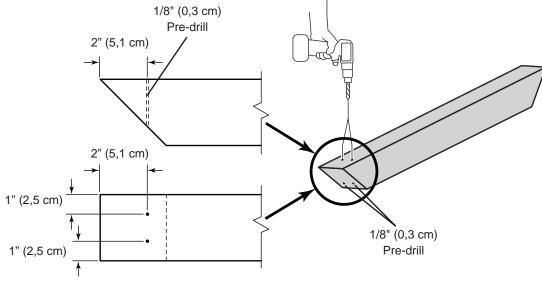


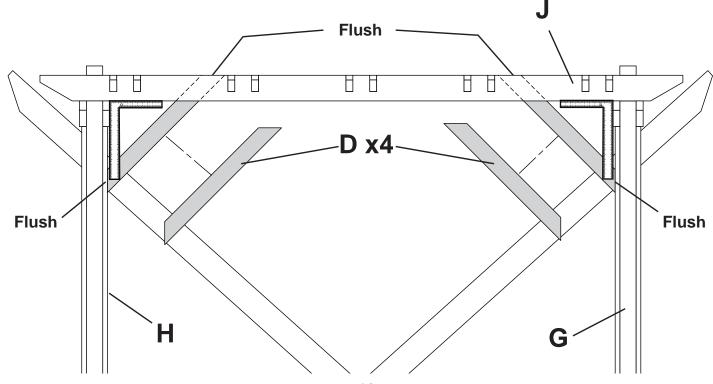


BEGIN

- 1 Square post and rafter.
- Position corbels **D** on flat surface and pre-drill 1/8" (0,3 cm) holes through as shown.
- 3 Position corbels flush to top edge of outer main rafter K and post H.







CORBELS

PARTS REQUIRED:

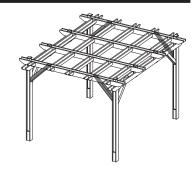
x12 3" (7,6 cm)

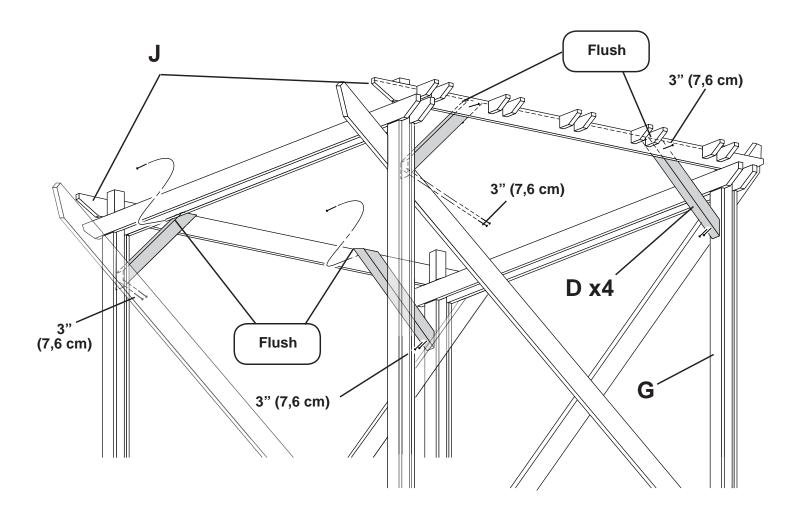


Attach upper end of corbel **D** to rafter **K** with one 3" (7,6 cm) screw. Use two 3" (7,6 cm) Screws into Corner Post **H** at lower end of Corbel through the Pre-Drilled holes.

FINISH

Repeat steps 1-3 to attach three more corbels.

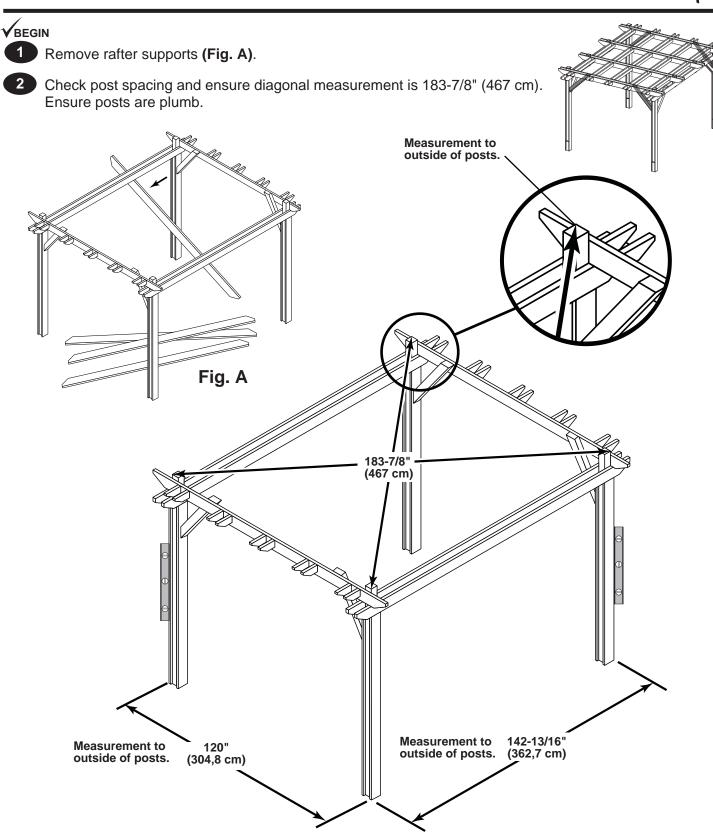




SQUARING PERGOLA

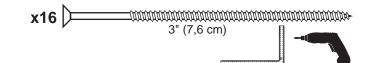
PARTS REQUIRED:

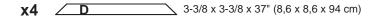




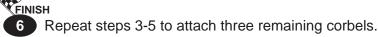
CORBELS

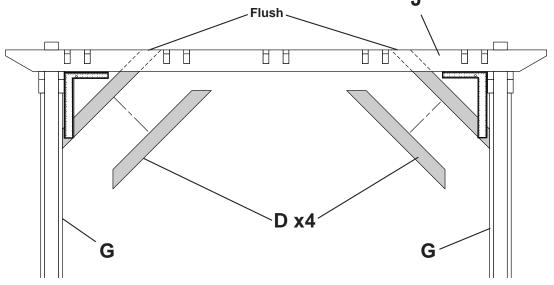
PARTS REQUIRED:

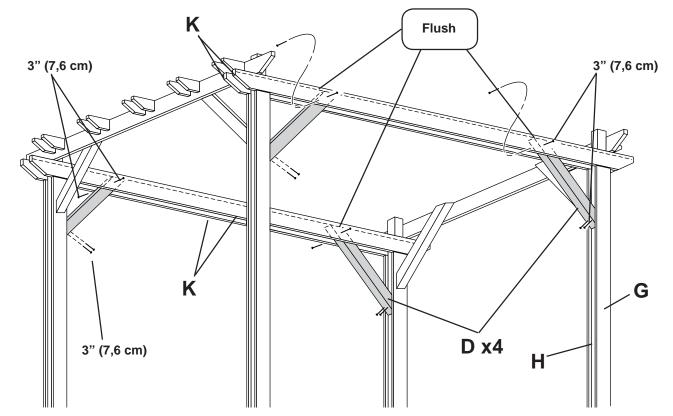




- 3 Check rafter and post are square.
- Position corbels flush to top edge of outer main rafter **K** and post **H**.
- Attach upper end of corbel **D** to rafter **K** with two 3" (7,6 cm) Screws. Use two 3" (7,6 cm) Screws into Corner Post **H** at lower end of Corbel through the Pre-Drilled holes.







LADDER SUPPORTS

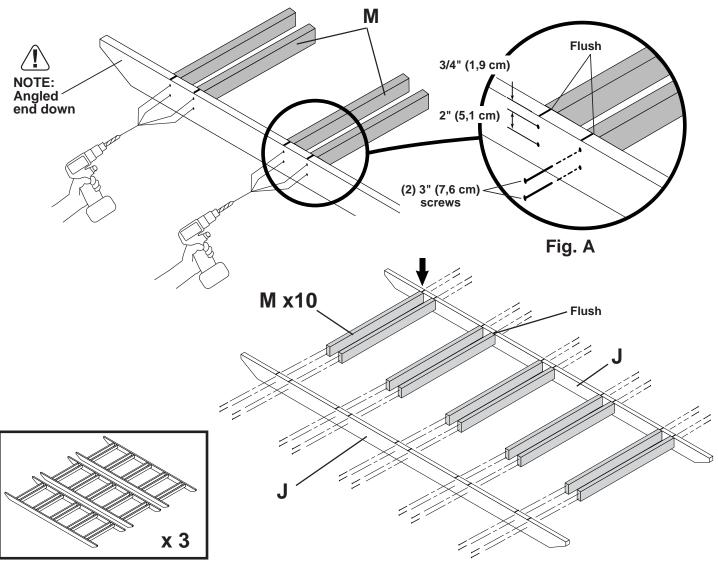
PARTS REQUIRED: x30 M 1-3/8 x 3-3/8 x 39-11/16" (3,5 x 8,6 x 100,8 cm) x2 J 1-3/8 x 5-3/8 x 138" (3,5 x 13,7 x 350,5 cm) x120 1/8" (0,3 cm) Drill Bit

BEGIN

- Orient two **J** rafters as shown on flat surface with angled edge down and marked edge up.
- 2 Mark holes on face of rafter centered on marks as shown (Fig. A).
- 3 Pre-drill 1/8" (0,3 cm) holes as shown through rafter.



Secure rafter supports flush to top of rafter using two 3" (7,6 cm) screws per support (Fig. A). Repeat steps 1-4 to make two more ladder supports.



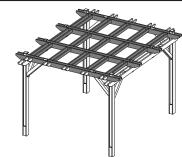
LADDER SUPPORTS

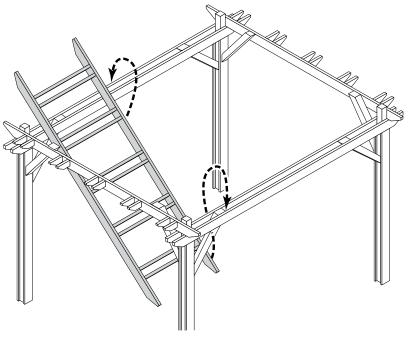
PARTS REQUIRED:

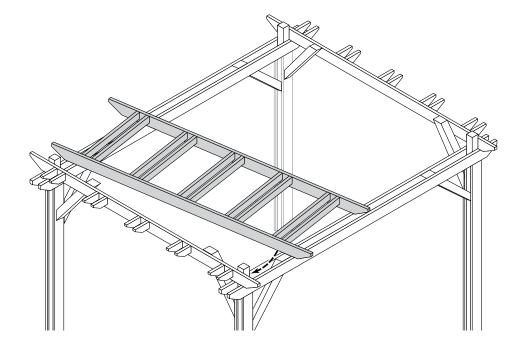
BEGIN

Elevate one end of ladder assembly onto main rafter first, then elevate the other end of Ladder to rest across rafters.



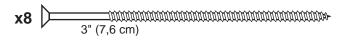


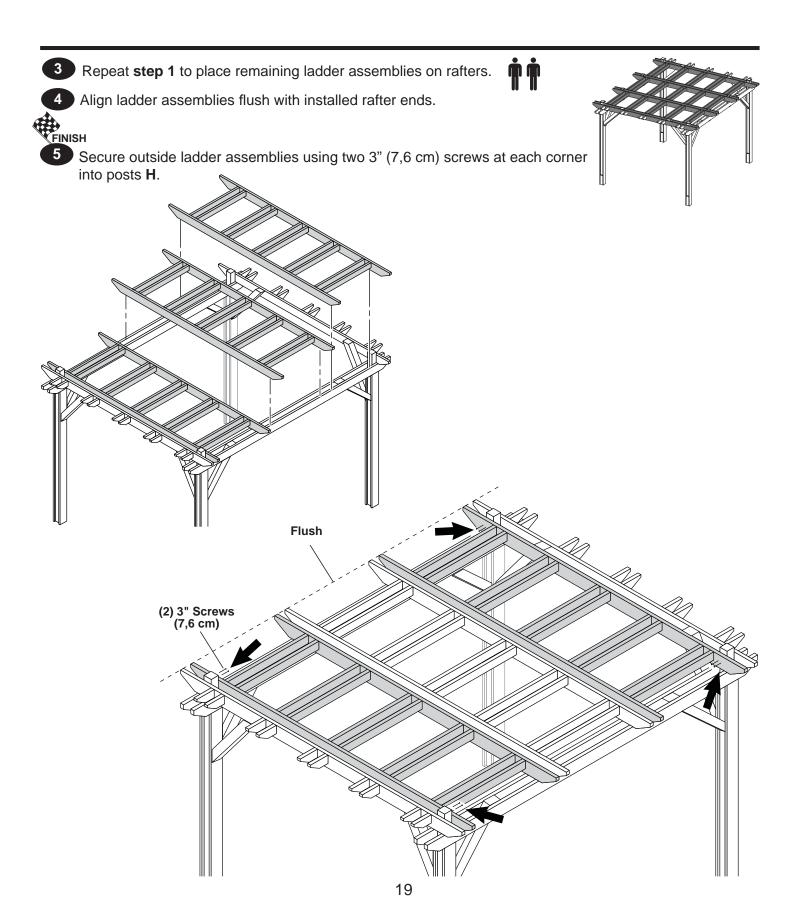




LADDER SUPPORTS

PARTS REQUIRED:





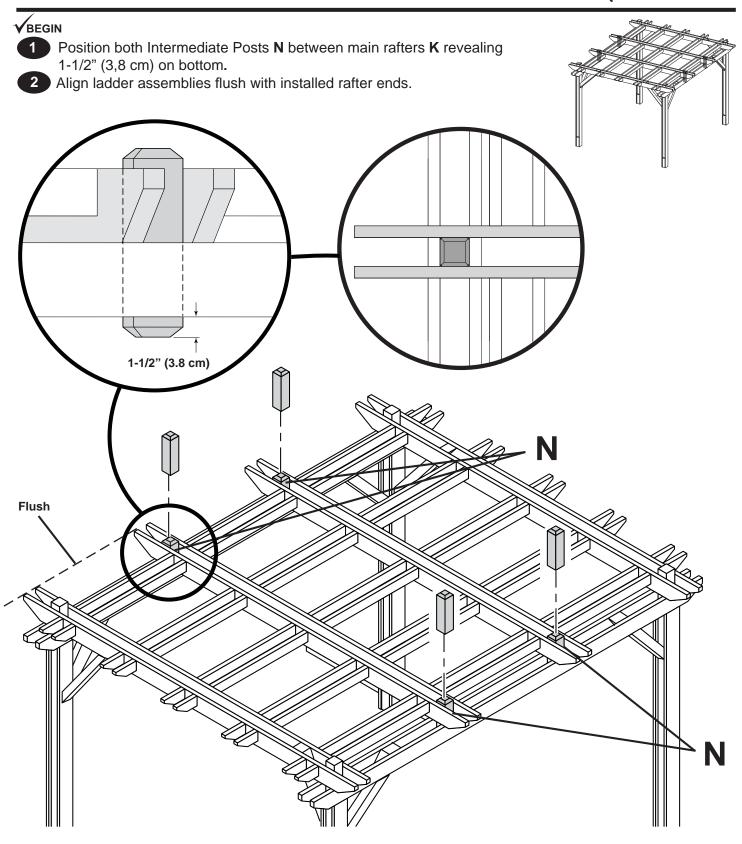
INTERMEDIATE POSTS

PARTS REQUIRED:

x4 N

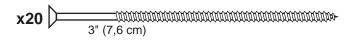
3-3/8 x 3-3/8 x 14" (8,6 x 8,6 x 35,6 cm)





INTERMEDIATE POSTS

PARTS REQUIRED:

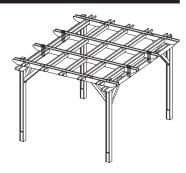


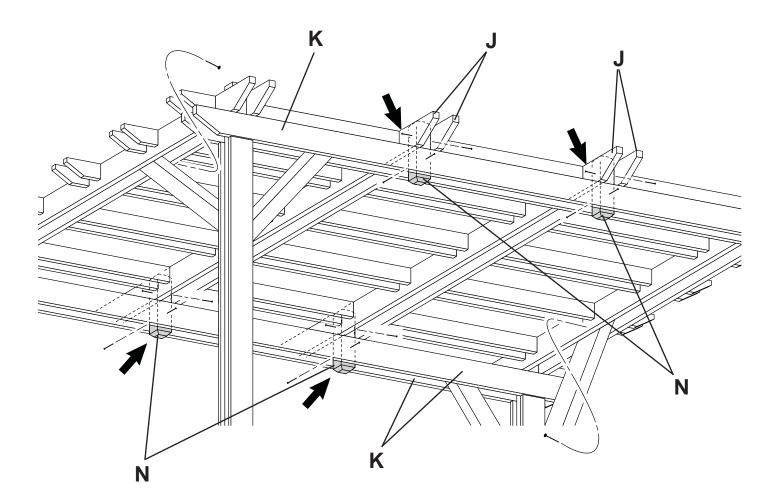


3 Using four 3" (7,6 cm) screws secure ladder assemblies to corbels



Secure intermediate spacers to rafters **K** and **J** using four 3" (7,6 cm) screws.





CORBEL COVERS

PARTS REQUIRED:

X8 O 3/4 x 1-1/2 x 37" (1,9 x 3,8 x 94 cm)

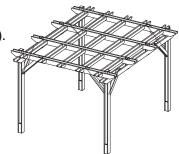


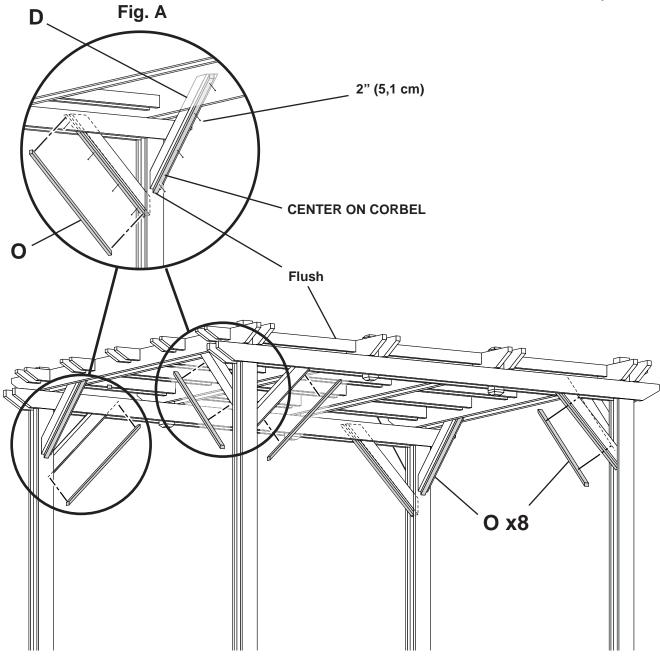
BEGIN

Position corbels covers O centered on corbels flush with corbel ends (Fig. A).

FINISH

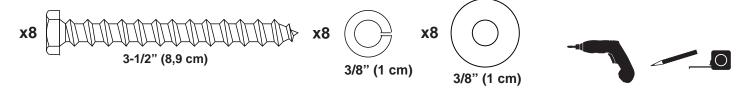
Secure using four 2" (5,1 cm) finish nails 9" (22,9 cm) apart.





RAFTER REINFORCEMENT

PARTS REQUIRED:



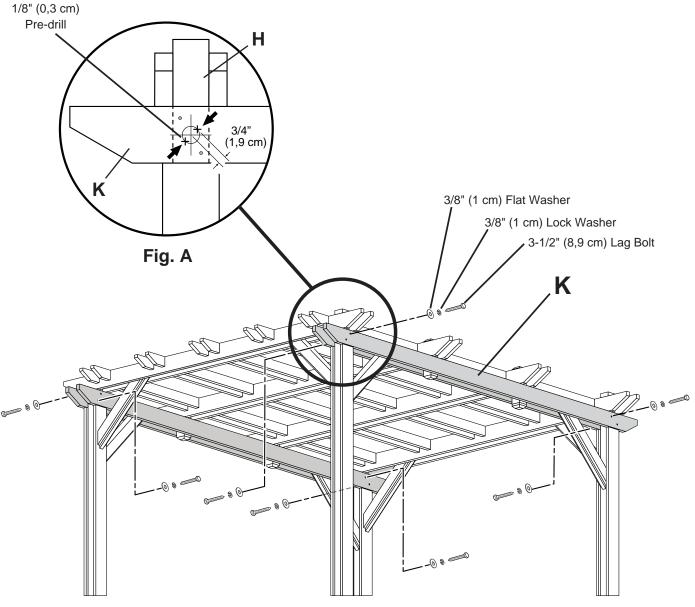
BEGIN

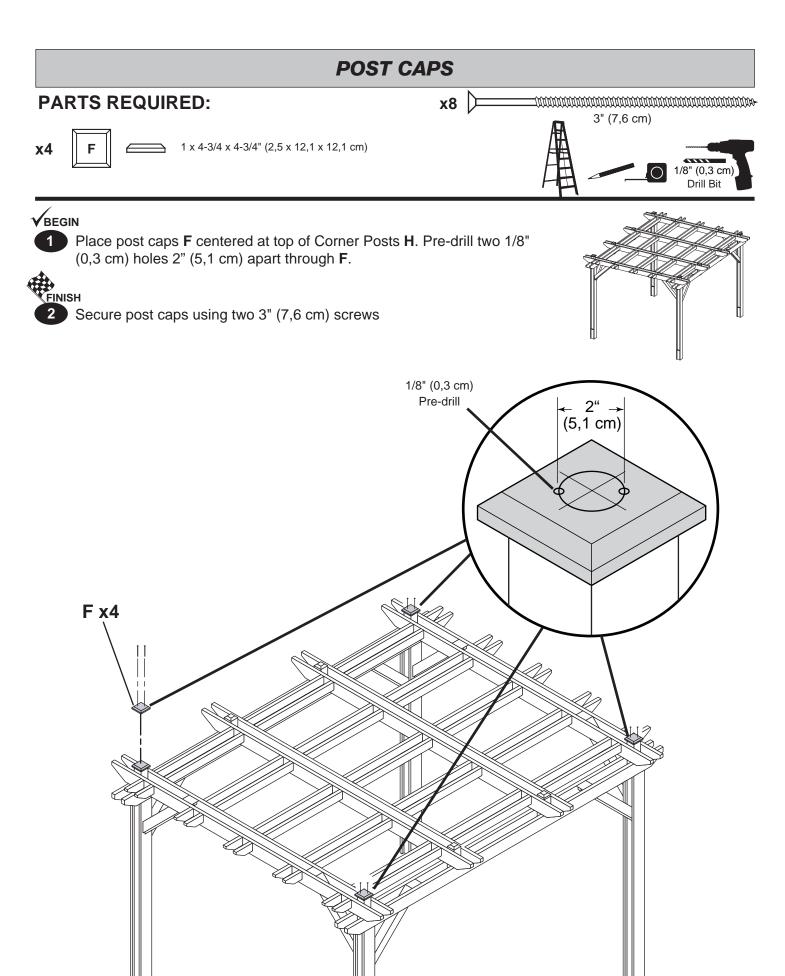
Pre-Drill 1/8" x 2" DEEP through each main rafter **K** into corner post **H**. Predrill a minimum 3/4" (1,9 cm) OFF-CENTER from the opposite hole **(Fig. A)**.



Install one 3-1/2" (8,9 cm) Lag Bolt, Lock Washer and Flat Washer through each pre-drilled hole.







POST SKIRTS

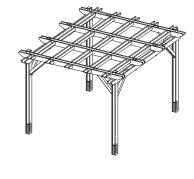
PARTS REQUIRED:

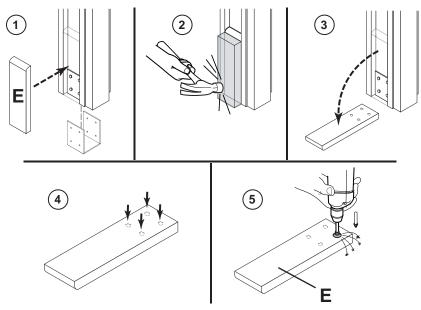
x32 [2" (5,1 cm)

ONCE MOUNTING HARDWARE IS INSTALLED, FOLLOW THE STEPS BELOW TO INSTALL POST SKIRT E.

VBEGIN

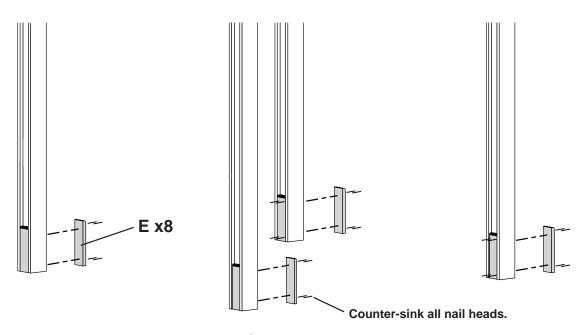
- When using post mounting hardware, there will be interference from protruding screws or nail heads. Using a scrap piece of scrap wood (not included) and a Hammer, gently tap the wood and Post Skirt against the mounting hardware to leave reference marks on the back side of the Post Skirt (Fig. 1,2).
- 2 Use a hand tool to remove wood at marks (Fig. 5).





FINISH

Secure using four 2" (5,1 cm) finish nails for each post skirt.



TOUCH-UP AND MAINTENANCE











NOT INCLUDED

MICRO-SHADE KIT Sandpaper

The included bottle contains a MicroShade stain concentrate. It must be diluted before use.



It's important to follow these instructions carefully to avoid over-applying stain.

The use of gloves is recommended. Skin and clothing will stain by the concentrate-water solution.

We have included a bottle of MicroShade concentrate stain and sandpaper for minor touch-up of your pergola.

BEGIN

- Using provided sandpaper, lightly sand the area to be touched up. Sand in direction of grain.
- Remove cap from concentrate bottle and fill with fresh, clean water to edge (Fig. A). Replace cap and shake vigorously to mix contents. Shake periodically during use.
- Use a clean cloth and soak with clean water. Wring out the cloth so it remains damp. Applying the touch up stain with a damp cloth will help blend the stain.
- Begin by pouring a very small amount of stain onto the damp cloth letting the stain soak in (Fig. B).

Lightly apply the stain by wiping across sanded area and blending with the surrounding area. If the area appears to dark use clean water and wipe area to remove some stain. (Fig. C).

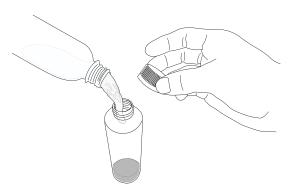
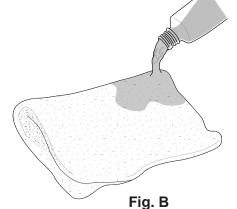


Fig. A



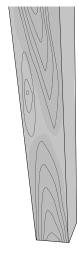


DUE TO VARYING SHADES OF YOUR PERGOLA WOOD, YOU MAY NEED TO FURTHER DILUTE THE CONCENTRATE/ WATER SOLUTION. WE SUGGEST USING A SEPARATE CONTAINER WITH WATER AND THE MIXED SOLUTION TO DILUTE.



Stain appears darker when first applied. Let the touched up area dry before re-applying stain.





WARRANTY

Backyard Storage Solutions, LLC warrants the following:

- 1. Every product is warranted from defects in workmanship and manufacturing for one year.
- 2. All hardware and metal components are warranted for two years.
- 3. Trim is warranted for 10 years.
- 4. Waferboard siding and sheathing is warranted for two years.
- SmartSide[™] siding is warranted for 10 years on all Backyard Storage Solutions, LLC series buildings and 15 years on all Premier Series buildings.
- 6. Timber series buildings' siding and trim are warranted for 10 years.
- 7. Solar Shed windows are warranted for 1 year.
- 8. Cedar lumber is warranted for 15 years.
- 9. (ProWood TM, MicroShade TM Pergola) All wood components have a Limited Lifetime Warranty.
 - Treated Wood will be replaced if wood becomes structurally unfit due solely to damage caused by fungal decay or termites.
- 10. (ProWood TM, MicroShade TM Pergola) MicroShades Stain Fade Resistance has a two year Limited Warranty.
 - * Wood treated with the MicroShades pigment color system which sustains "significant color changes" will be replaced.
 - * "Significant color changes" to wood components is at the discretion of Backyard Storage Solutions, LLC and requires proof in the form of photographs or inspection by Backyard Storage Solutions, LLC. Wooden components may have imperfections such as checks and knots. These are natural blemishes and imperfections which are inherent to wood. The imperfections not resulting in structural failure are not covered under this warranty.

Backyard Storage Solutions, LLC will repair, replace or pay for the affected part. In no event shall Backyard Storage Solutions, LLC pay the cost of labor or installation or any other costs related thereto. All warranties are from date of purchase. If a cash refund is paid on an affected part, it will be prorated from the date of purchase.

CONDITIONS

The warranty is effective only when:

- 1. The unit has been erected in accordance with the assembly instructions.
- 2. The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
- 3. The failure occurs when the unit is owned by the original purchaser.
- 4. Backyard Storage Solutions, LLC has received the warranty registration card within thirty (30) days of purchase and notification of the failure in writing within the warranty period specified above.
- 5. Backyard Storage Solutions, LLC has had reasonable opportunity during the sixty (60) days following receipt of notification to inspect and verify the failure prior to commencement of any repair work.

REQUIREMENTS

Storage Buildings & Playhouses

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint or solid-colored stain the siding using 100% acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of SmartSide™ and waferboard siding to include all exterior walls and all sides and all edges of doors.

Gazebos and Cedar Pergolas

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit. This includes treating all of the exposed cedar and pine surfaces on your gazebo or pergola with an exterior grade wood preservative, an exterior oil-based semi-transparent stain, an acrylic latex exterior paint or an acrylic latex solid color exterior stain within 30 days of assembly and as needed thereafter to maintain your warranty.

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch (1/2 inch) from concrete slab or two and one half inches (2") from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit. This warranty gives you certain specific rights that vary from state to state.

CLAIM PROCEDURE

To make a claim under this warranty, you can either call (888) 827-9056 or prepare a letter. Please have ready the information below when you call or include the information when writing:

- The model and size of the product.
- 2. A list of the part(s) for which the claim is made.
- 3. Proof of purchase of the item, as shown on the original invoice.
- 4. Run code, as listed on the yellow warranty card enclosed in the product package.

Mail the above information to:

Backyard Storage Solutions, LLC Attn: Customer Service 1000 Ternes Drive Monroe, MI 48162

*WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A.

IMPORTANT: This is your warranty certificate.

Please complete and mail your warranty card to properly validate your warranty.

ldr: 09/04/09

Limited Conditional

Warrantv *