

HOMESTEAD PERGOLA ASSEMBLY INSTRUCTIONS

These instructions are for the smooth -finished cedar model. If you purchased the rough-sawn cedar model, method of assembly will be very similar but may differ slightly.



Shown: 12'x14' Freestanding Cedar Homestead Pergola

Thank you for purchasing the Freestanding Homestead Pergola. Depending on the size of the pergola, installation can usually be completed in a day.

There are a few things you should consider before installation:

1.) Do not store the Pergola components in direct contact with ground concrete, or other moisture wicking surface as this may warp the components.

2.) The base for the pergola must be solid and level. If installing on a concrete slab or on concrete footers, it should be level where the posts will rest. If not, it may be necessary to cut the bottom of the posts so that the tops are all level. Other than this, no cutting is necessary. If any additional cuts are needed, please contact us before doing so. *Making cuts without calling first may make installation difficult and may void our warranties.*

3.) These instructions show connection to asphalt using a wedge bolt. The same method can be used with concrete. If connecting to an existing deck, a lag bolt and deck screws (not included) will replace the wedge bolt.

4.) The oasis pergola does not give the ability to alter the location of the posts. It is important they are laid out correctly and double checked for accuracy before permanently attaching it to the base.

* If you purchased a Pergola with the Heavy Duty Post Brackets, refer to the additional instruction sheet that will be included in your kit.

SECTION ONE - POSTS

Setting up the template:





1.) Your pergola kit includes a wooden template that is used to mark your post locations. Notice that two of the 2x4 boards have a marking near the ends. Build a box that will reveal the outside corners of the posts when properly placed.

NOTE: If you purchased a larger pergola your template will be spliced in the center, just match up the letters and fasten together with (2) screws.



3.) Connect the corners of the template pieces by driving two 2 $\frac{1}{2}$ " screws through the side of the template boards.

2.) Arrange the template pieces so that they are positioned in the exact location of where the pergola will be placed. The boards with the marking on the end will be across from each other. The marks will show where the other boards will be attached to create this box.



4.) When the template is in position, square the template. Do this by measuring diagonally from one corner to its opposite corner, then measure diagonally between the other two corners. These two dimensions MUST be the same. Adjust the template until the diagonal measurements are identical.



5.) Once the template is "square", mark the post locations using the INSIDE corners of the framed box on a concrete slab with a pencil. After all the post locations are marked on the concrete slab, remove and set the wooden template aside.

Set the Brackets

6.) The brackets are the 8 L-Brackets in the hardware box. Place them at the outside of the pencil mark, one per corner. Next, drill a hole into your concrete footer or slab. Using a $\frac{1}{2}$ " masonry bit, drill a hole through the bracket about 1/2" deeper than the length of your anchor bolt. Make sure all of the concrete dust is cleared from the hole, use a vacuum if needed. Add the washer and put the nut on the bolt so the threads are just above the nut. You may need to hit it down with a hammer, you can use a 2x board to hit the top of the bolt so you do not damage the threads on the bolt. Hammer the bolt down until 3/4" of anchor is exposed. Tighten the nut, and the base of the bolt will expand. Once completed, install the rest of the brackets, one per corner. If you purchased a pergola with more than 4 posts, install a bracket for each additional post.





Setting the Posts

7.) Attach all the posts to the bracket using (5)2 1/2" screws per bracket.

NOTE: When installing posts, notice that they have notches on top (this is to set the beams on). When installing please be sure that the notches all run in the same direction - along the long side where the beams will set in the next section. **Make sure the notch is turned toward the inside of the pergola.**





Post Bases

8.) Now you are ready to install the Post Bases, trim rings, and center rings. Get a ladder and slide the base over the top of the post (see above). There are (6) screws per base, it does not really matter which way they are turned. We recommend keeping the screws all turned in the same direction. Please continue this step until all the posts are completed. Make sure the post bases go on first. Second will be the center ring, and third will be the trim ring. For now you can let everything slide down and rest on top of the base.

TIP: you can also use your template and secure around the top of the posts to keep all the posts positioned correctly, as shown below.



SECTION 2 - SETTING BEAMS

The instructions moving forward are the same whether a floor was ordered, or not.

NOTE: Because the beams can be quite heavy, it is a good idea to have at least 2 people to hold the beams on the posts while a third person attaches them.



9.) Sit the beam on top of the post with the cut out portion of the beam aligning with the upright part on the post (as shown above). Connect by using $3 \frac{1}{2}$ screws through the beam first and into the post.



10.) Attach using two screws - one near the top and the other near the bottom of the beam (leave about $1 - 1\frac{1}{2}$ " gap from top and bottom on the beam). Center the screw on the post. Attach the beams with two screws to all of the posts. Continue until two beams are connected to all four posts.



11.) Return Beams are the same as the main beams but do not have the decorative end cuts. The return beams will sit on top of the posts and align with the center of the posts. Be sure that the return beams are tight to the main beams, and attach with 3 1⁄2" screws on an angle and into the beams. Connect with 4 screws at each connection, two from each side of the return beams.



12.) When both return beams are installed, fasten both header and post to return beam using (2) 8" GRK screws. Continue this step for all four corners.



Anchor remaining Posts to Concrete 13.) Sliding the base up towards the top you can fasten it to the post with a screw to keep it from falling down. Make sure the posts are level and still at the L-shaped pencil mark. Screw the second bracket to the post using (5) 2 ½" screws. It does not matter which side of the post, however we recommend going caddy-corner. Keep in mind you should stay approximately 4" away from the edge of the concrete. Refer back to step 6 for setting the brackets. Once completed remove the screw and place the base in its correct position.



SECTION 3 - TRIM



Attaching the rest of the trim

14.) Slide the trim ring up against the beam and return beam. Fasten with (2) 2 $\frac{1}{2}$ " screws as shown.



Fasten Center Trim

15.) It does not matter where the center trim is placed. We recommend going about 10" from bottom of trim ring. Fasten with (2) $2 \frac{1}{2}$ " screws as shown.



SECTION 4 - SETTING RUNNERS



16.) Position the runners with the notches over the markings on top of the beams. Fasten with
(4) 2 ¹/₂" screws per side. Continue this step until all runners are in place.

TIP: Using 2 1⁄2″ screws, attach the runner to the beam with two screws, on each side driven at an angle into the beam. Note that if the beams are doubled 2x8s, the screws should be positioned so that they go into one of the boards and not in between them.



Setting Top Runners

17.) Top runners are to sit on top of the main runners, in much the same way that the runners were attached to the beam. Set the notches so that they line up with the markings on top of the runners. They are attached with one 3 ½" screw down through the top of the top runners.

NOTE: For longer structures, the top runners will be spliced, just put them together as shown above. We recommend offsetting the splices so that not all the splices line up on the same runner.





18.) Install U-shaped trim on outside out post. A U-shaped piece of trim is included that will cover the tops of the posts, and also hide the ends of the lag bolts. Sit this on top of the post, and attach with (4) $2 \frac{1}{2}$ screws, at an angle.





The Oasis Pergola is now complete. Be sure to call your project advisor with any questions.

If you purchased a canopy with your pergola, follow the directions that are included with the canopy.

ENJOY YOUR NEW HOMESTEAD PERGOLA