



# Arbor Swing

## Installation Instructions

NOTES: Please check for any damage caused by the shipping company and take appropriate steps to file a claim, if needed.

\*Please call **Digsafe** and check for any underground utilities before digging anywhere.

### Materials needed

Cordless drill/driver, T25 bit, 5/16" or 8mm nut driver bit, post hole shovel, spade shovel, level, tape measure, hand tamp, 6' ladder, and thirty two (32) 50lb bags of fast-setting premixed concrete (not included). Concrete amount required may vary depending on how deep you can get the holes. Concrete amounts can be easily calculated at <http://www.quikrete.com/Calculator/Main.asp>.

### Instructions

1. Remove items from pallet or packaging. You should find four (8) shiplapped (L-notched) 4x4 post halves (the four top post halves are longer than the four bottom halves), two (2) railing sections, two (2) post joists, three (3) main joists, five (5) top joists, four (4) trim pieces, and one (1) package of hardware.  
  
*\*Note:* It is recommended to assemble the Arbor Swing on flat ground (such as a parking lot), then be carried to desired installation location. All pieces are labeled for easy assembly.
2. Attach the four sets of shiplapped (L-notched) post halves together with the 3" lag screws provided, screwing three (3) screws per post through the predrilled holes to assemble the four posts.
3. Now you'll attach the railing sections to the posts. Insert the railing section into the two notches, located toward the center of the post, on both of the corresponding posts. The end of the railing should be flush with the end of the post, and line up with the pre-drilled holes as show in image 1 on page 4. Do this for both of the railings.
4. Now you should have two sets of posts attached to railings that we'll refer to as the two post assemblies (post assembly 1 and 2). Lay the post assemblies on the ground with the railing blasters facing up. Insert the post joist into the notch, located toward the top of the post, on both posts. Do this for both post assemblies.
5. Lay both post assemblies on their sides, so the posts in each assembly align vertically as shown in image 2 on page 4. Attach the end main joist to the posts on post assembly 1 and 2, lining it up with the markings and predrilled holes. Flip the arbor swing assembly over and repeat this step installing the other end main joist.
6. Stand the arbor swing assembly upright and assemble the middle main joist and the top joists using a ladder to reach. We'll install the trim pieces and the swing once the arbor swing assembly is installed in the ground.
7. Move arbor swing assembly to desired location. Position the assembly so the posts are close to the location you want and mark the location of the post bottoms, referencing the foundation plan on page 4.
8. Move the arbor swing assembly away from marked locations to give you room to dig post holes, using a post hole shovel, post hole digger, or auger bit.

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9. Set the four post hole diameters to 1'-0," and post hole depths to approximately 4'-0" (depending on region). The bottom of hole should "flare" out a little to create a bell shape to prevent frost heaving the post where applicable. Check local codes for the frost line in your area.
10. Using the hand tamp, compact any loose material at the bottom of the holes.
11. Test fit the arbor swing assembly in the post holes and make any adjustments to the hole location and the length of the post, so the post is at the appropriate height and surrounded by equal amounts of concrete when poured. Post are left intentionally long for areas that they need to extend below a frost depth.  
  
\*Note: If you encounter immovable objects the legs can be trimmed so the grade marks on the legs end up at finished grade.
12. Fill the bottom 6" of hole with drainage stone. Then lift arbor swing assembly and set bottom posts into post holes so grade mark is at grade. Again, trim the bottom of the posts if necessary. Using a bubble level, check the level of the arbor swing assembly horizontally by placing the level across the top joists, or across both railing assemblies. Make any adjustments needed.
13. Next, plumb the Arbor Swing posts in both directions by placing the level on two adjacent sides of each post. Plumb one post first, then plumb the second, third, and fourth. Once level and plumb, it is optional to hold this positioning by using strapping and stakes, but it is not required.
14. Holding the arbor swing assembly upright by hand or with strapping, fill 1/4 of the hole with fast setting concrete mix and add water per instructions on bag. Recheck to make sure arbor swing assembly is level and plum, and make any adjustments.
15. Fill the rest of the hole with concrete per instructions on bag, stopping four inches below the grade line marked on the arbor swing posts. Recheck to make sure arbor swing assembly is level and plumb periodically while concrete cures. Let cure for 24 hours.
16. Now attach the trim pieces shown on page 1 with the hardware provided.
17. Lastly we'll attach the swing. If eye bolts are not already attached, center swing under arbor to mark location of eye bolts. Pre drill hole for eyebolts. Install swing by removing playground plastic cover from playground safety chain at desired height (typically the seat is between 12" and 16" depending on age of use group). Ensure all "S hooks" are squeezed closed.
18. Drive supplied stake into the ground directly under swing. Attach safety chain under swing to post and bury. Chain should be loose enough to allow a slight swinging motion while keeping the swing within the confines of the Arbor. This is optional.
19. Backfill holes and hand tamp good draining soil firmly to 3" below finished grade. Install top soil to finish grade and plant grass to fill in around holes.
20. All wood is treated with kid-friendly preservative, but as is the case with all wood facing the elements, it needs to be cared for, so check it periodically for rough spots, splinters, etc, and sand them out, and treat it with kid-friendly wood preservative (we have it available if you can't find it) once or twice a year to keep the wood from deteriorating.
21. Enjoy your Arbor Swing!

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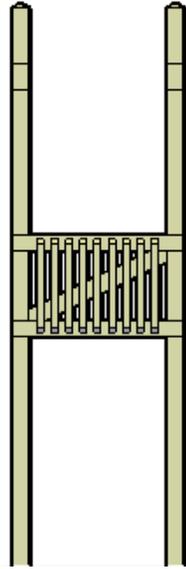
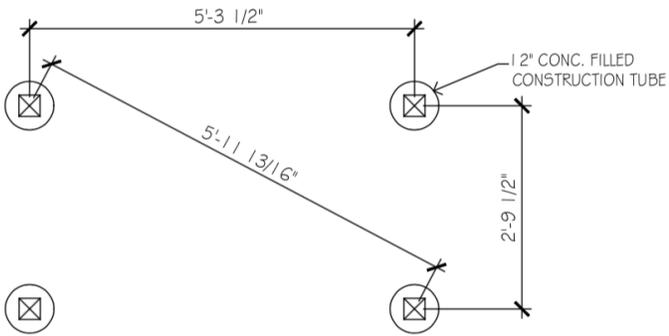
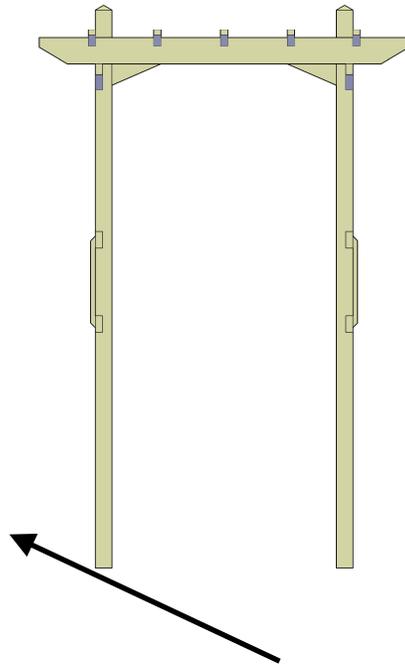
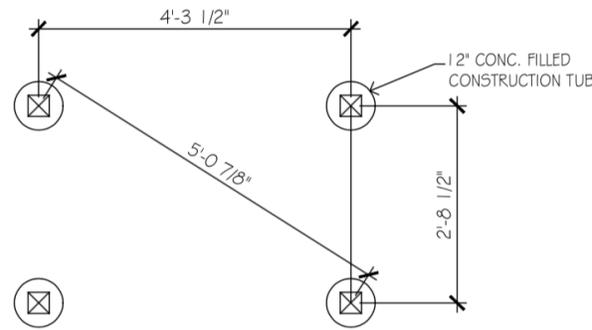


Image 1: Post Assembly

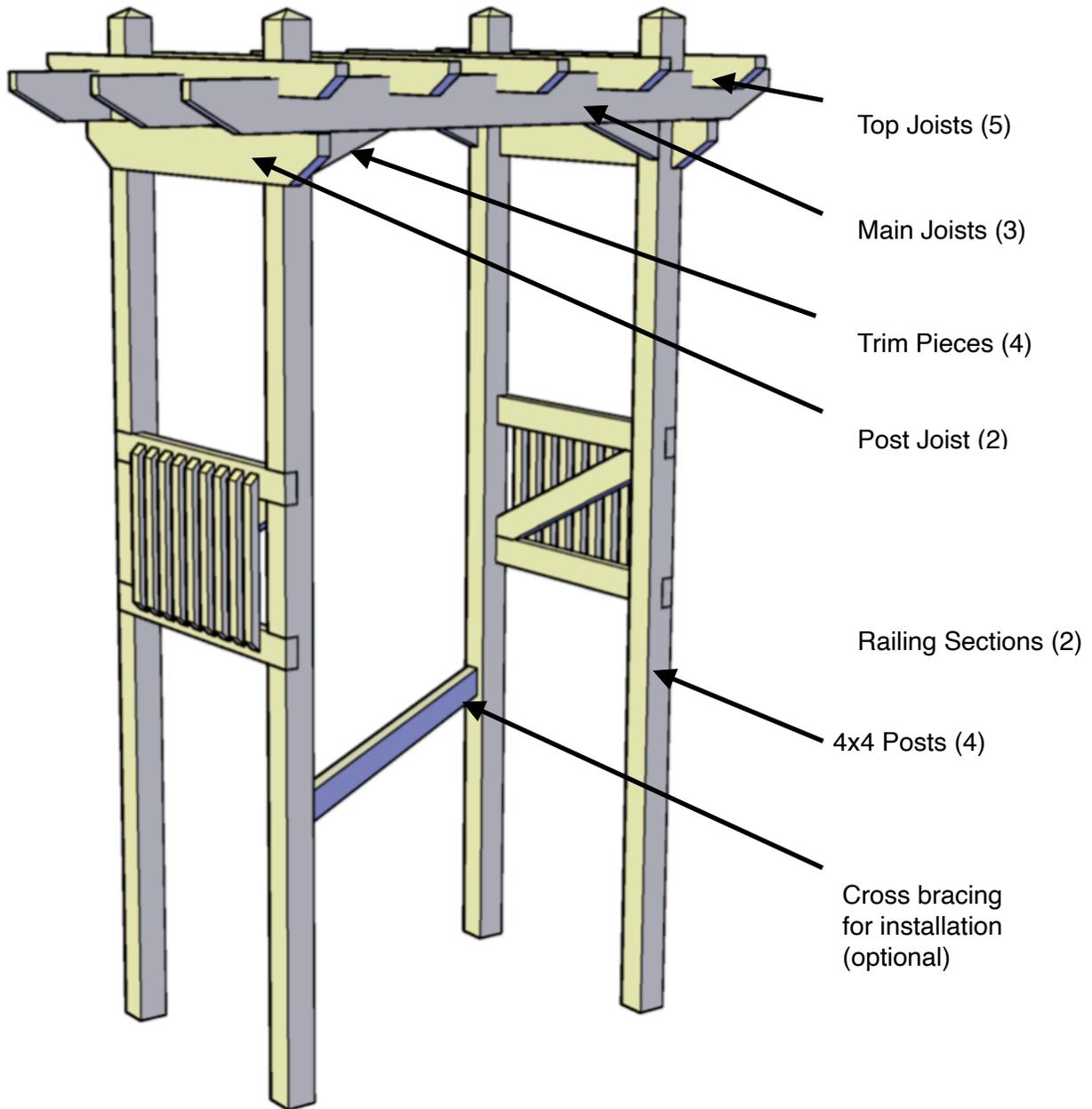


FOUNDATION PLAN - 4FT ARBOR SWING



FOUNDATION PLAN - 3FT ARBOR SWING

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Note: \* Each post consists of two shiplap (L-notched) post halves (not shown) to be assembled on site.  
\* Arbor Swing not shown.