



3547 Meeks Farm Rd. A1 Charleston, SC 29455, 866-610-6322
www.vintageporchswings.com

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Tools needed to complete an install- (Depends on which model)

- Electric Drill (for assembling the swing and for installing Lag Eye screws into ceiling)
- 5/16” wood bit (for installing Lag Eye screws into ceiling)
- Adjustable wrench or vise grips (for tightening eye bolts on Joshua)
- Ratchet with 9/16” socket (Hayden model only-to install lag screws during assembly)
- Level (for leveling the swing before tying figure 8 knots)
- Flat head screwdriver (for assembling bed rail brackets and to torque lag eye bolts into ceiling joists)
- T25 star bit (included in hardware pack- used with provided screws to assemble swing- most models)
- Duct Tap (for cutting rope)
- Saw- preferably a hack saw (for cutting rope)
- 5 gallon bucket or stand to sit swing up off the ground during assembly

Swing Assembly Diagrams

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Swing Installion

*****Note: This portion of the installation is very important! We recommend that this portion of the installation be completed by a Licensed Contractor. The Lag Eye Bolts (provided in hardware pack) must be installed in structural ceiling joists, as they will be what the ropes feed through to hold the swing to the ceiling. It is important to properly complete this portion for swing to be installed safely!**

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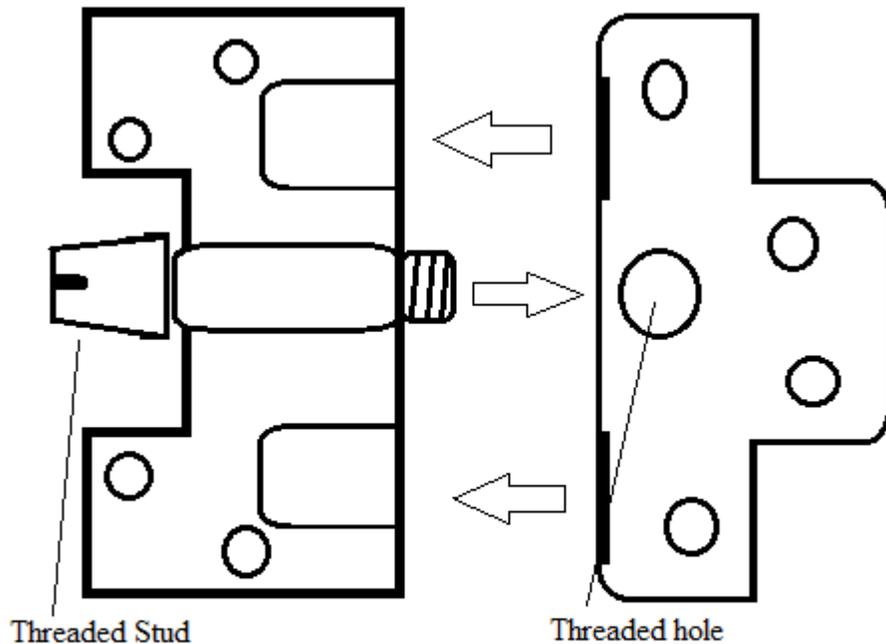
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Bed-Rail Bracket Assembly

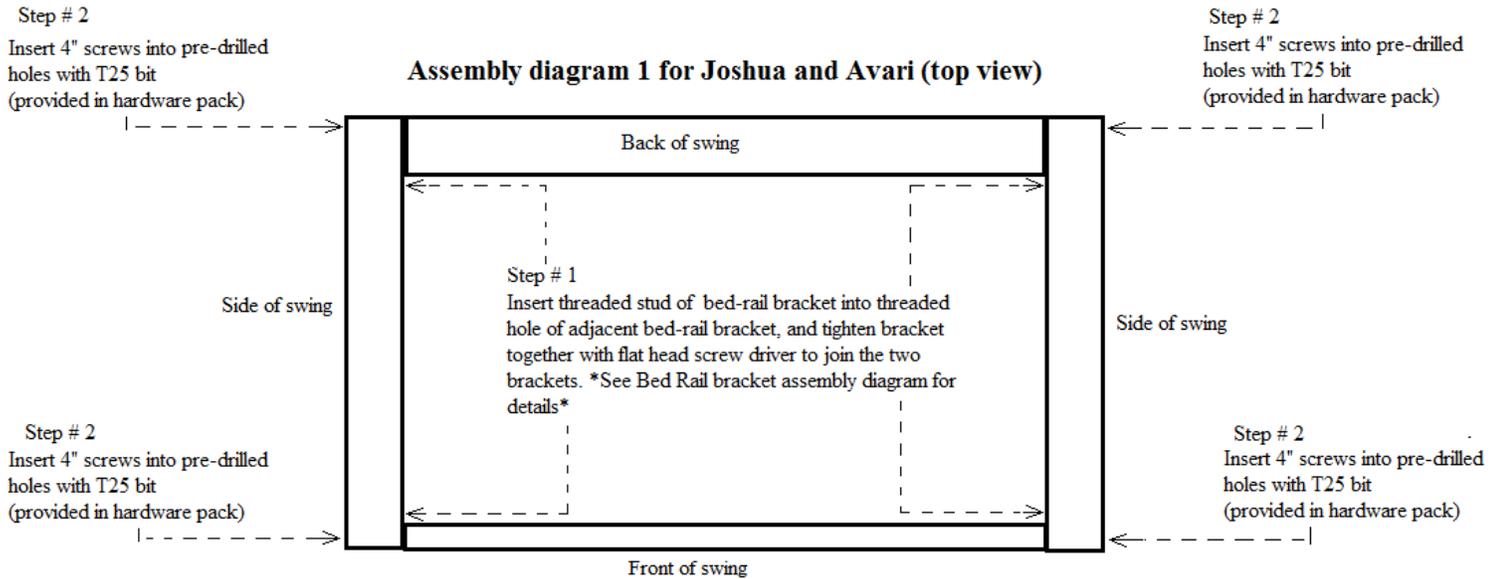


Insert threaded stud side into threaded hole side and join together by screwing stud into hole using a flat head screw driver until two pieces are tightly joined.

These brackets are not used on all swing models

Swing Assembly Diagrams for Joshua, Avari, Brynn, and Hartwell Models

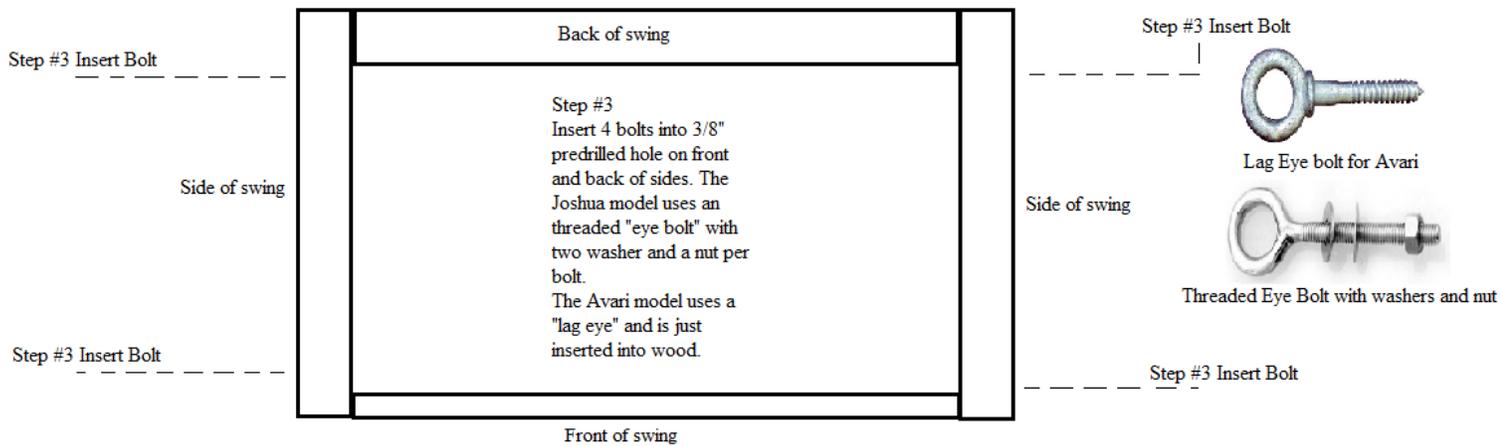
STEPS #1, 2



STEP #3

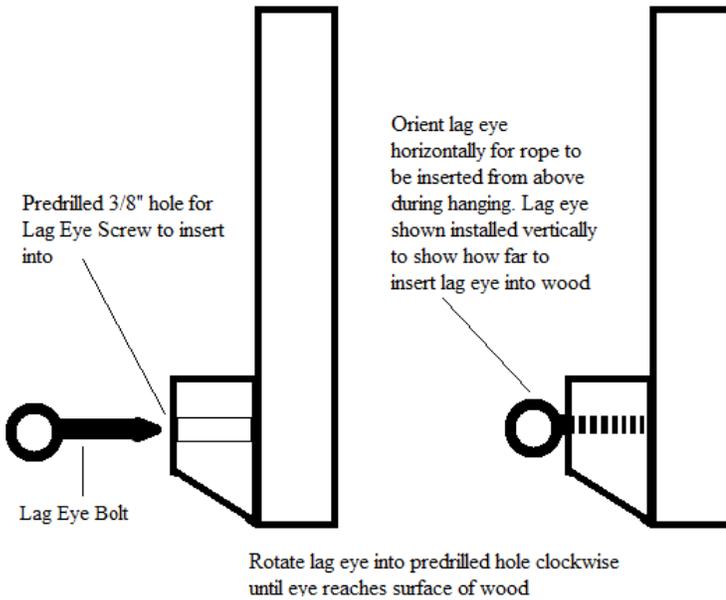
Joshua/Avari hanging bolt assembly diagram (top view)

Note: both "lag eye" bolts and threaded "eye bolts" with a nut are to be inserted until round portion of bolt is almost even with the outside wooden surface



How to attach lag eye bolts & eye bolts into side of Joshua, Avari, & Emerson Models

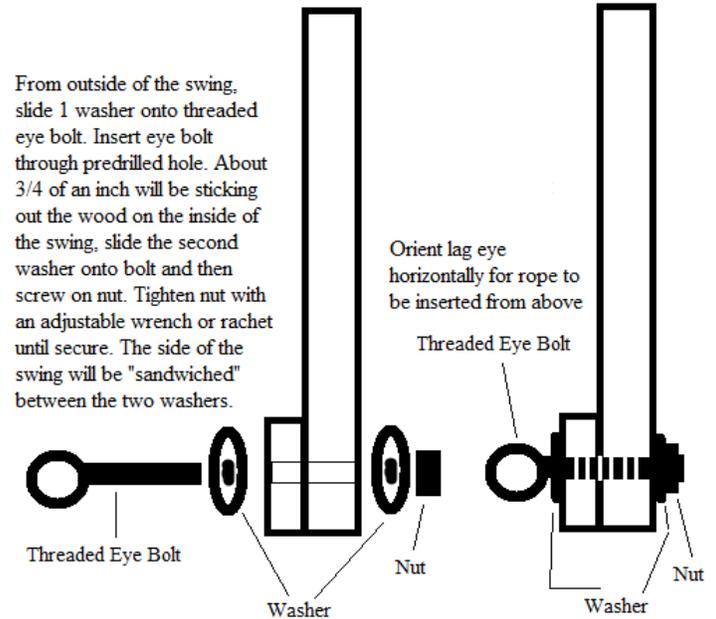
Avari lag eye assembly



Rotate lag eye into predrilled hole clockwise until eye reaches surface of wood

Eye will need to be oriented horizontally for rope to be inserted from above.

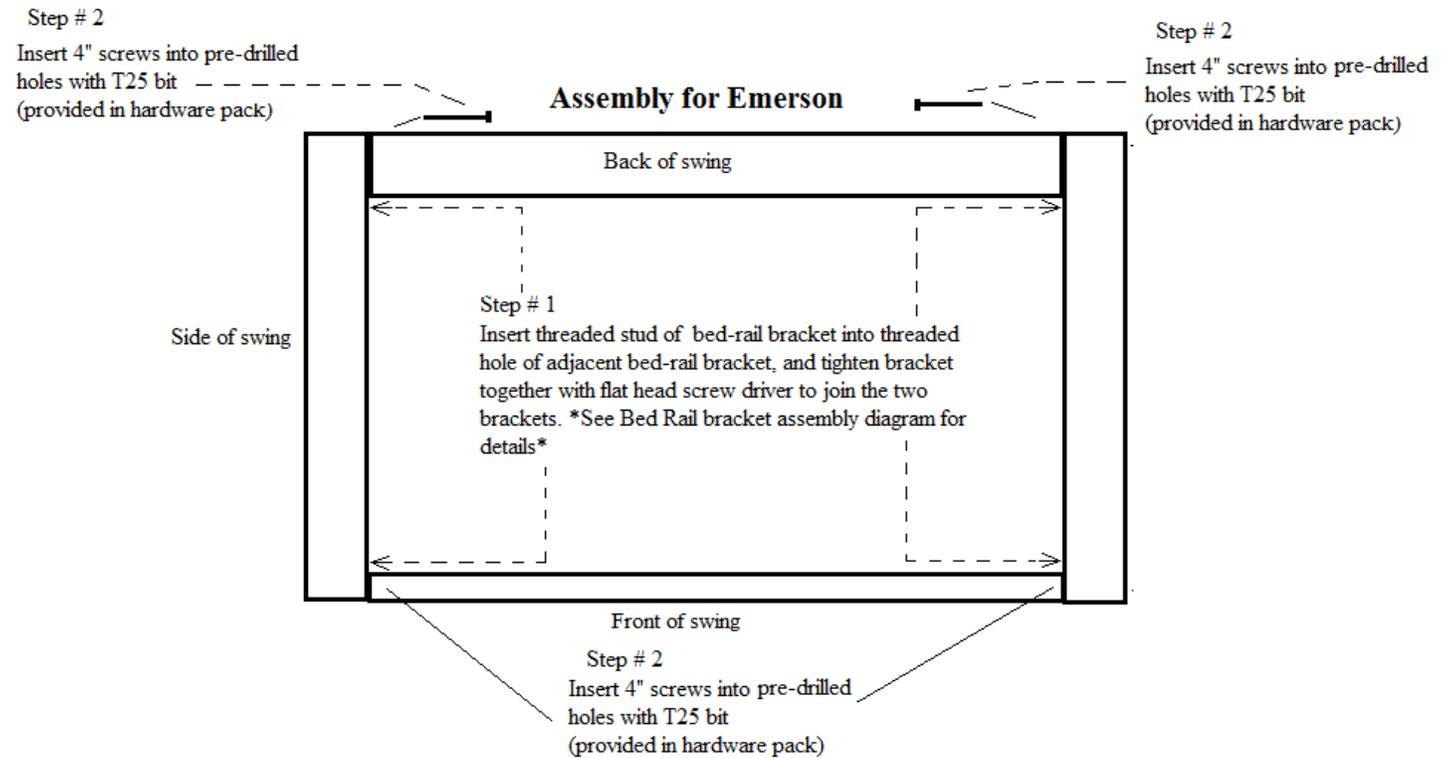
Joshua Threaded Eye Bolt Assembly



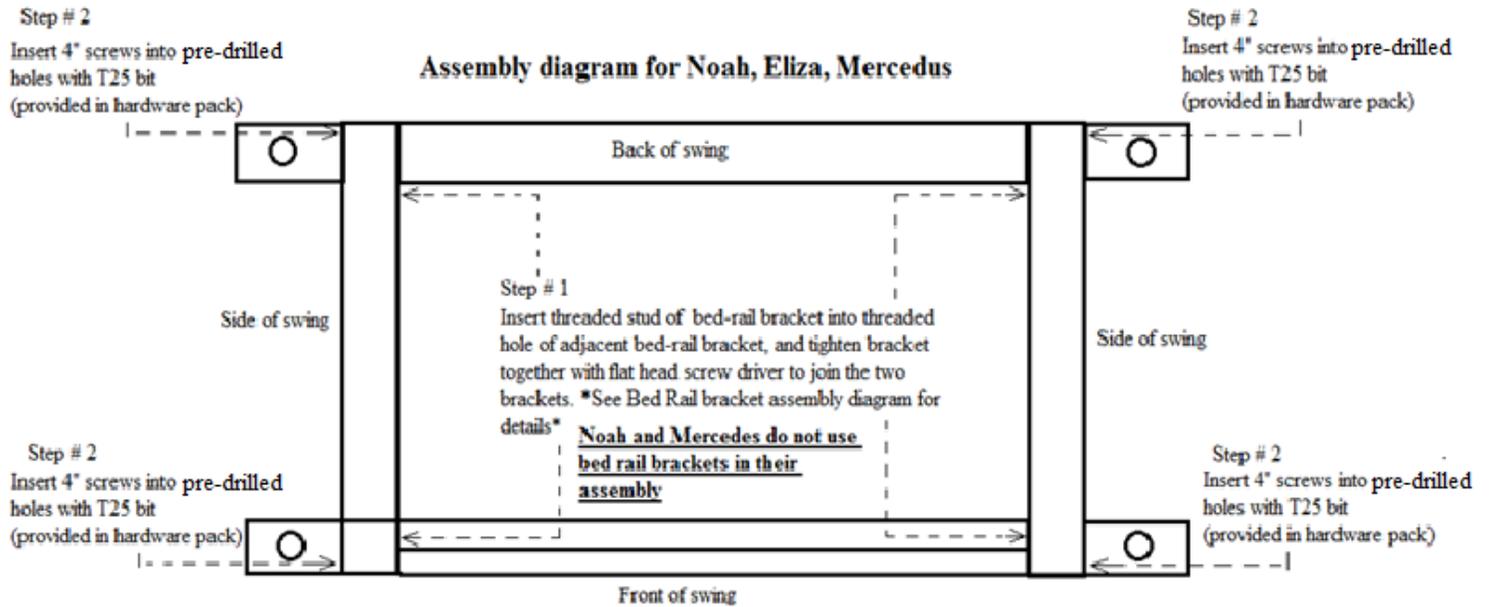
From outside of the swing, slide 1 washer onto threaded eye bolt. Insert eye bolt through predrilled hole. About 3/4 of an inch will be sticking out the wood on the inside of the swing, slide the second washer onto bolt and then screw on nut. Tighten nut with an adjustable wrench or ratchet until secure. The side of the swing will be "sandwiched" between the two washers.

Orient lag eye horizontally for rope to be inserted from above

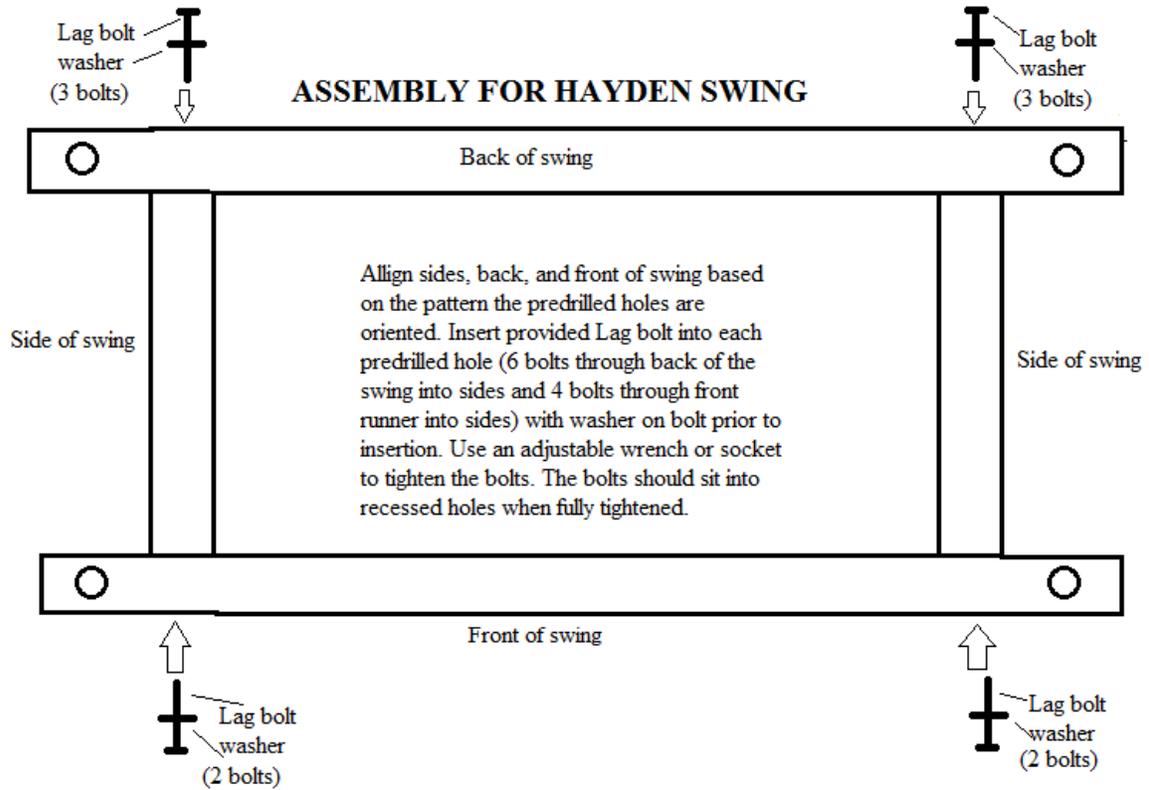
Swing Assembly Diagram for Emerson Model



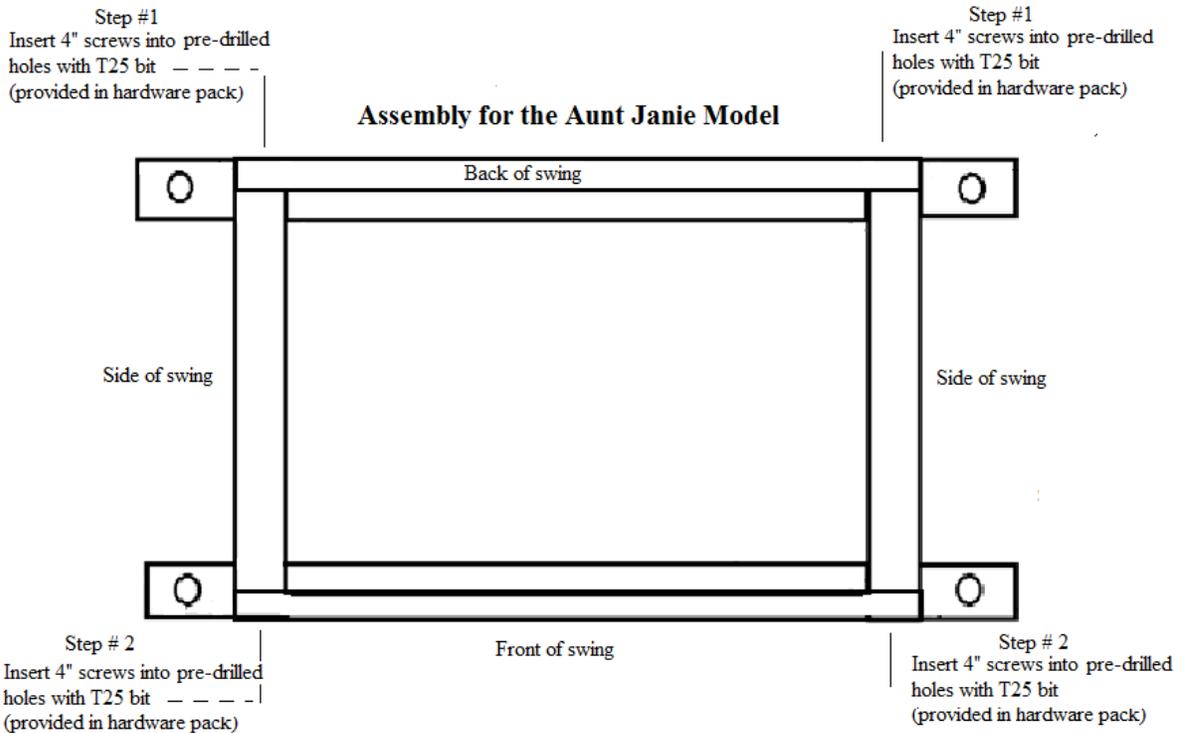
Swing Assembly Diagram for Noah, Eliza, & Mercedes Models



Swing Assembly diagram for Hayden Model



Swing Assembly Diagram for Aunt Janie Model

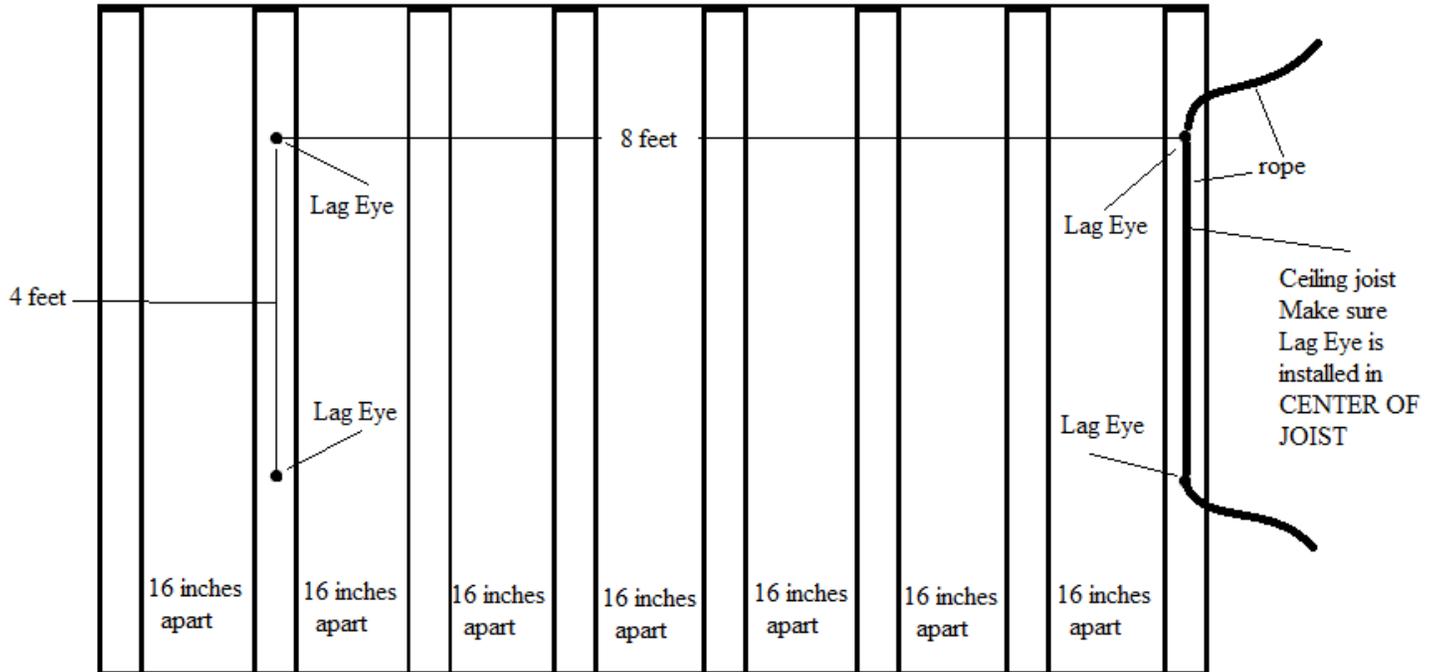


Instructions on how to hang the swing (all models)

STEP #1- Install lag eye bolts into ceiling joists securely. A 5/16" hole should be predrilled into ceiling joist for lag eye to be installed into. Once the hole is predrilled, use a screw driver, or a wrench to torque the lag eye into predrilled hole. The lag eye should be driven in until the exterior of the round part or "eye" is flush or touching the beam or ceiling surface. **This step is crucial for installation safety. We recommend hiring a licensed contractor to install the lag eyes to ensure they are firmly secured to the structural ceiling joists or beams in the ceiling. Do not just install the lag eye bolts into the ceiling- they need to be installed into a structural ceiling joist or beam for safety. Vintage Porch Swings is not liable for your installation, and if swing or your house is damaged due to improper installation, we are not responsible for the repairs to the swing or your house. Please make sure you follow the directions carefully or hire a licensed contractor!**

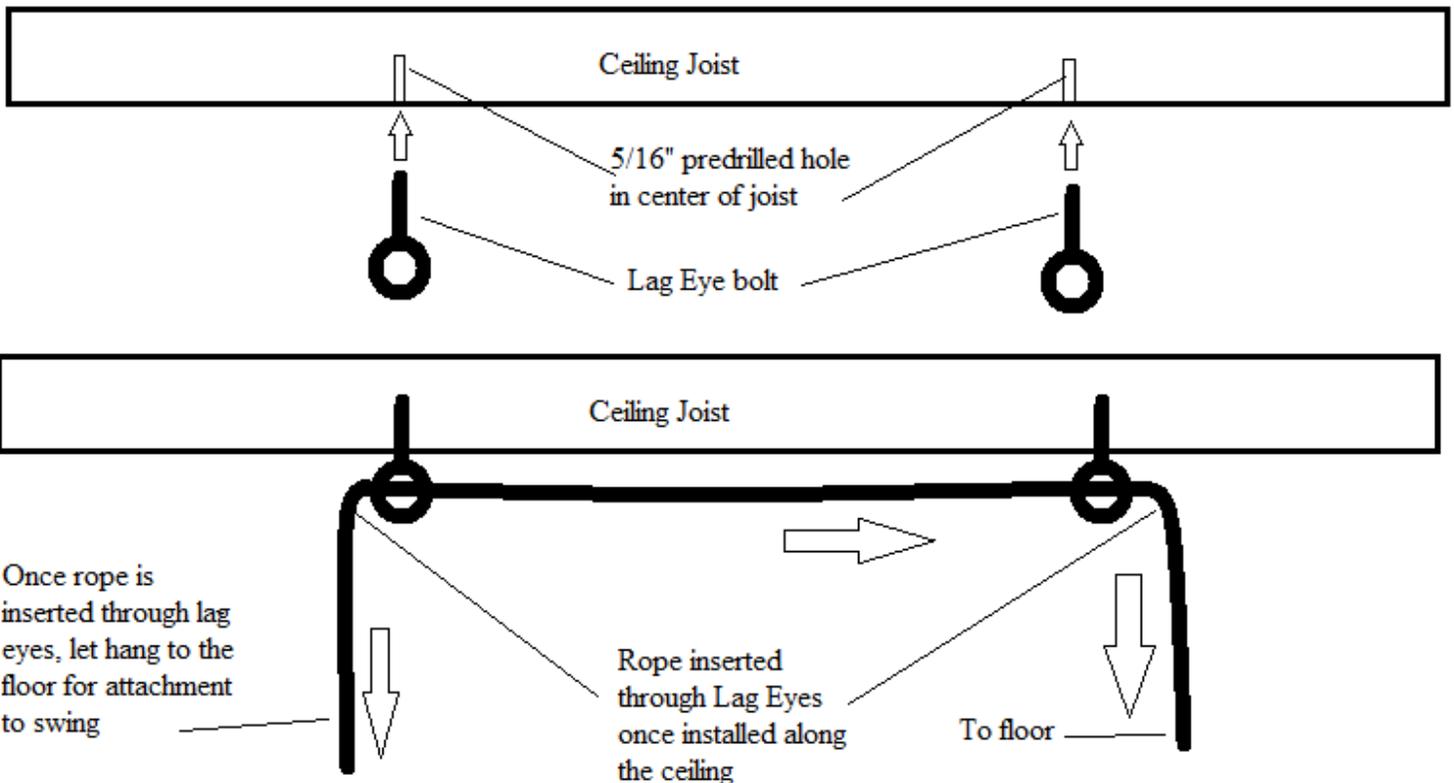
Ceiling Joist lag eye installation

Note: This is very important for the swing installation. We recommend hiring a professional contractor to install the swing to ensure it is installed correctly and safe for use. Vintage Porch Swings is not liable for improper installation.



Typically, ceiling joists are spaced 16 inches apart, but this isn't always the case. **We recommend using a stud finder to locate the center of the joists for the best security.** Locate your ceiling joists (often hidden above your finished ceiling), and lay out your anchor points where you will be installing your provided Lag Eye Bolts for mounting ropes/swing to ceiling. We recommend spacing anchor points 8 feet wide and 4 feet deep to create a rectangle with your 4 Lag Eye anchor points. The 8 foot run will correlate to the long side of your swing. **Drill a 5/16" hole into center of ceiling joist** at each anchor point. With a long screw driver or an adjustable wrench, insert a lag eye into each hole and rotate clockwise until eye of the hole is almost at the surface of your ceiling. **This is a relatively labor intensive part of the installation- It should be hard to get the Lag Eyes into the joists.** After installing 4 Lag eyes for Anchor points, simply insert rope through Lag eyes installed on ceiling, running the rope along the ceiling between the two 4 foot runs, creating a 4 foot long section of rope along the ceiling with both ends touching the ground on each side where they will be attached to the swing itself.

*****It is not recommended to install lag eyes into a ceiling joist smaller than a 2x6*****



Step#2

Cut the provided rope in half so there are two equal length piece of rope. Before cutting the rope, make sure to wrap the middle where you plan to cut with a small section of duct tape to prevent the rope from fraying.

Step # 3

Install the rope through the 4 lag eye bolts installed in the structural ceiling joists. The rope should be fed through one lag eye, along the ceiling where the 4 foot distance between eyes is, through the second lag eye and should have an equal amount of excess hanging from both ends. Repeat this same process on the other side.

Step # 4

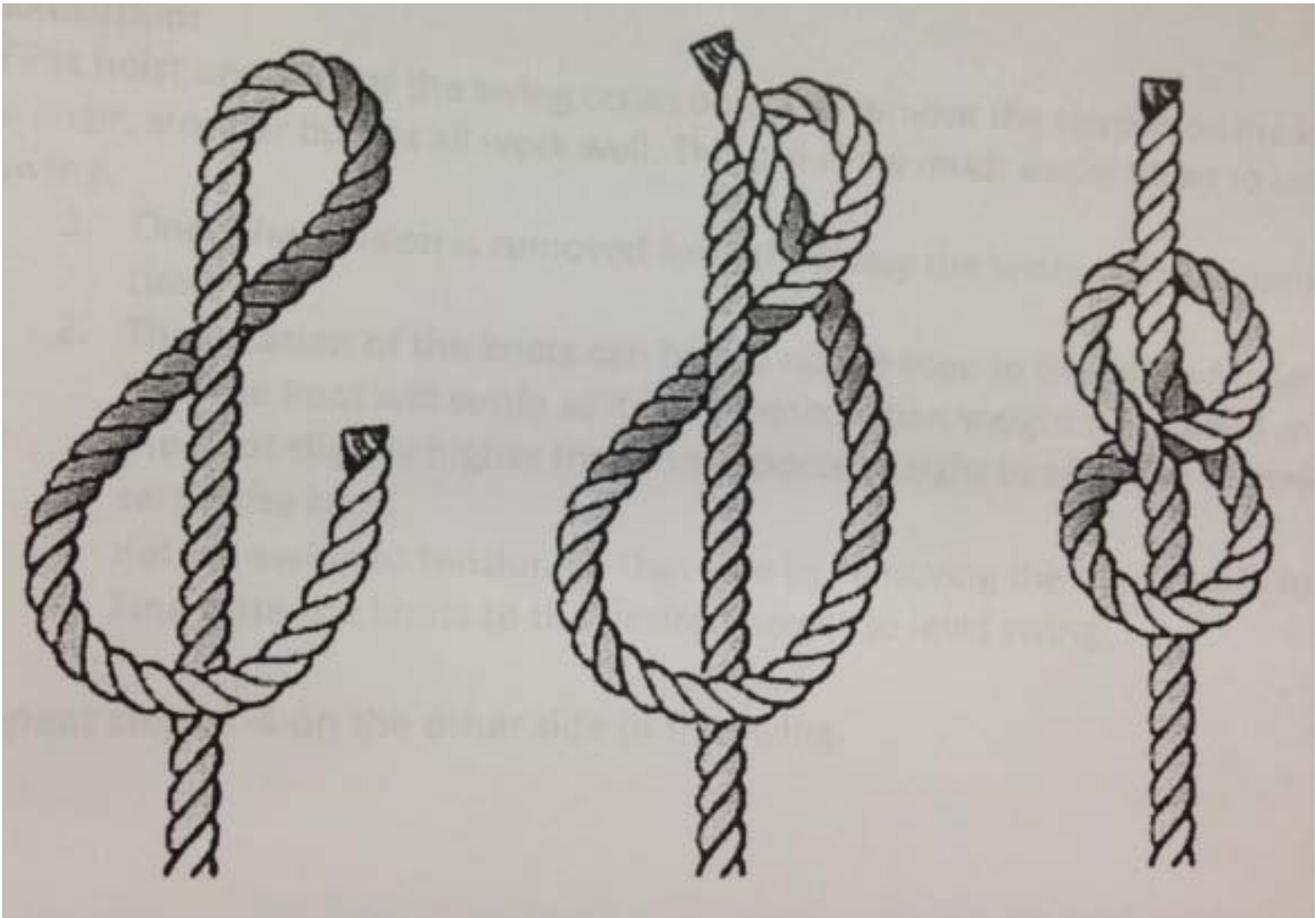
Set assembled swing so that the **bottom of the swing is approximately 20 inches off of the ground**. This will seem too high at first, but it will sink initially about 4 inches when the knots are tightened towards the end of the installation process. Using a level, make sure swing is sitting level before tying the knots. We recommend, using a 5 gallon bucket with blocks on top to achieve the 20 inch height for initial hanging. **Over the course of the first month depending on use, the swing will “settle” another inch or two. This settling is as a result of the knot tightening and the rope slightly stretching.**

Step # 5

Run ropes that are hanging from the ceiling through swing runner (Noah, Eliza, Mercedes, Aunt Janie, Hayden models) or through swing hardware on the side (Joshua, Emerson, Avari models). Try to pull as much “slack” out of the rope, so that the rope is relatively tight to the ceiling (you don’t want it to sag very much).

Step # 6

Tie a “Figure 8 knot” at below each point where the rope is fed through the swing runner or hardware (depending on which model you have). It is important to tie this knot correctly to ensure the swing will sit on top of knot securely. See diagram below on how to tie a “Figure 8 knot”.



STEP #A

STEP #B

STEP #C



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Step #7

Once a “Figure 8 knot” is tied at each corner (4 total knots), you can remove the bucket or whatever support you have used to support the bottom of the swing 20 inches off of the ground. The swing should sit on top of the 4 “Figure 8 knots” you have tied. With the Level on the back of the swing, move around to each side of the swing applying downward pressure evenly. You should be able to jump up and down on each side to help tighten the knots. Notice that the swing will sink approximately 4 inches during this process. You will notice the swing stops sinking after pressure has been applied evenly from side to side.

Step #8

Once the knots have been tightened, wrap a small section of duct tape around the excess of the rope below the knot about 8” below the rope. You can trim the excess rope off to the length of your liking. Cut through the duct tape to keep rope from fraying. We recommend leaving 6-8” of excess rope below each knot in case you ever have to make future adjustments. You don’t want the rope to drag where it could get wet.

After you have trimmed the rope to the length you like, remove the remaining duct tape from the end of the rope. Some customers want their rope to fray like a “witches broom” in which case it will do this over time. Others want to keep their rope ends tightly wound; for this we recommend dipping each rope end into some sort of hard wax to keep it together. The rope will not burn as it is made from Manilla. Determining what to do with the ends of your rope is your own personal preference and should not affect the way the swing performs.

Step #9

Set provided “slats” into mattress area of swing evenly to support your mattress. Some customers prefer to screw the slats into place so they don’t move. We do not provide the screws for this, but customers have used 1/8” drill bit and 1 ¼” exterior screws to screw each slat into the ledger that supports it. It is recommended to predrill each hole before screwing through the slats to avoid splitting. The swing will perform properly without screwing the slats in.

Step #10

Set your mattress on top of slats. If you have ordered a mattress or textile package from VPS it will arrive in 1-3 boxes depending on what you have ordered separately from the swing. If you are using your own mattress, the standard sized swings are made to fit a regular twin sized (or full sized if you ordered a full sized swing) mattress. We recommend using a protective cover over your mattress if you are using your own.

Step #11

Enjoy your swing! You have created “your own personal sanctuary”. Make it the focal point of your porch! Tell your friends about Vintage Porch Swings and email us pictures of your finished/installed swing!



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*******During the first month of use, the ropes will slightly stretch and the knots will tighten. *Try to alternate which side you sit on so that both sides settle the same. Not doing this can result in the swing sitting out of level.* After the first month or so (depending on use) the swing will reach it's final resting place and should be completely settled.

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Adjusting the Swing

In the event that you do not like the height that you hung your swing at, or ever have to adjust it for one reason or another, it is a very simple process. Take your bucket or support that you used to initially install the swing and place it under the swing. Doing this should relieve the tension off of the ropes that are connecting the swing to the ceiling. Untie the "Figure 8 knot" by holding the knot with one hand and pushing the section that is coming from the ceiling into the knot. This is not always the easiest task depending on how long the knot has been tied. If you have issues untying the knot, we have used pliers to grip the rope or a screwdriver to pry the knot apart. After untying the knot, simply hang the swing at the height that want, retying the "Figure 8 knot". *Note: Remember the knot will tighten again since it has been retied. However if the swing has been in use for a while, the rope has already stretched.*

Rope Care

In the event that your rope starts to turn a darker color or black please see the following directions. The rope initially comes to you soaked in Linseed oil from the factory. These natural oils keep the rope moist and protect it from bacteria or mold from forming in the rope. If you see any discoloration or mold starting to form, simply take a light dish detergent (Do not use anything harsh like Dawn brand dish soap- the rope manufacturer recommends using a cheap brand). After lightly cleaning the rope, let it air dry. Lightly apply Linseed oil (available at your local hardware store) with a brush.

Thank you for your business, and welcome to the Vintage Porch Swings Family!