The
COUNTRY BED SHOP
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Tools:

- Power drill with phillips screw driver bit (#2 to open crates & #3 for bed irons if applicable)
- Small flat blade screw driver to loosen bed bolt covers. Medium flat blade screw driver & 7/16" wrench or small adjustable wrench (for king bed with cross brace only)

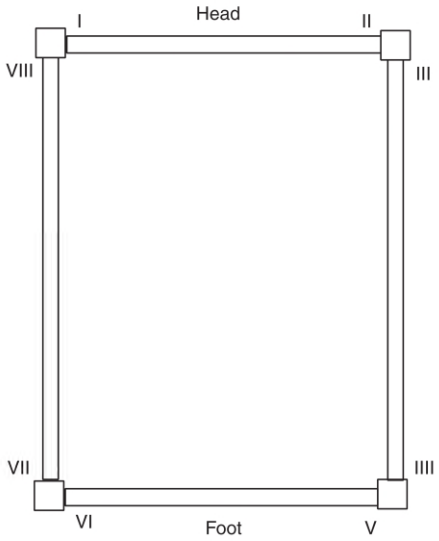
You will need to remove approximately 80 phillips screws to open the crates.

Upon receiving the bed examine the crates for obvious damage. It is rare that there is damage however if any crates are broken or opened note the weight and reference on the label. Open the crate and examine the parts for damage. If any parts are damaged call me immediately. Do not throw away the crate or the packing materials.

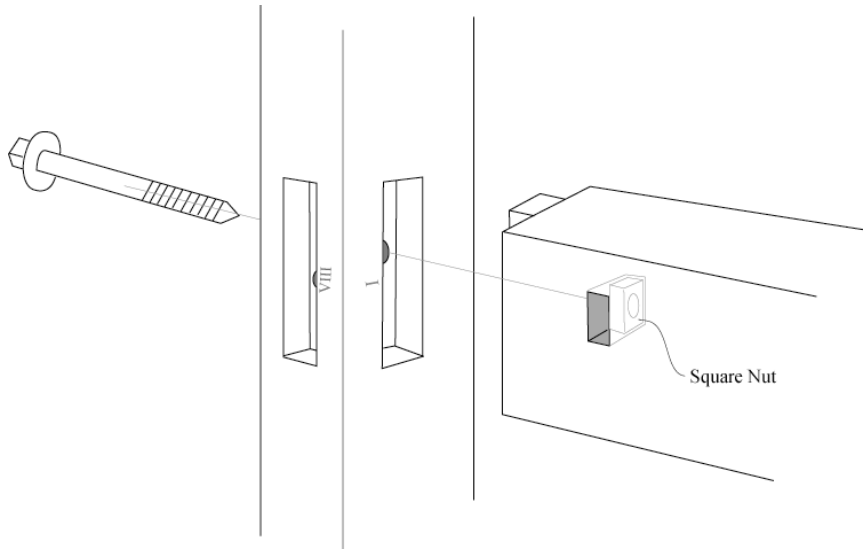
Assembly Instructions

General; All parts are numbered with Roman numerals. The post are numbered next to the mortise (square hole). The Rails are numbered on the top (notched) side of the tenon. The headboard is numbered on the face side on either end. The headboard numbers correspond to those on the rail below it. If you have a tester frame the numbers will be on the top face of each piece of the frame.

All necessary hardware is provided. With the exception of the tester frame, the bed can be assembled by one person. Caution, the parts are heavy and awkward to handle. Do not attempt the assembly alone if do not feel you can do it. The parts are numbered as shown below with post VIII & I being the left head post as you face the bed.



Typical Joint



Note: Loosen the screw holding the bed bolt cover before swinging it out of the way.

Head Posts & Headboard: Layout the posts, rails and headboard. Select post VIII & I and post II & III. Lay them on the floor in the position shown above. Select rail I & II. Lay it on the floor with tenon I facing post I and tenon II facing post II. The mortises (square holes) in the rail should be facing up and the notch end of the tenons should be facing the top of the posts. Drop a square nut in each rail mortise. Slip the rail tenon into the post mortise on post and rail I. Take a bolt and insert it into the hole in the post and into the rail. After a few turns the bolt should catch the nut in the rail. Screw the bolt in until it starts to pull the rail into the post. Do not tighten. Repeat procedure on rail and post II. Now carefully spread the top of the posts apart. If the post will not spread, loosen one of the bolts. Do not force the posts. Insert the headboard into one post. Tighten the bolt in that post. Push the other post into position and insert the headboard in that post. Tighten the bolt. Stand the head end of the bed up and lean against the wall. Be careful the feet do not slide on the floor.

Side rails: Select side rail VIII. Place a nut in the mortise. (Beds with a cleat for Swedish slats will have the nut already in the mortise.) This side rail goes on the left side of the head. Put a bolt and wrench within easy reach of post VIII (I usually put them in my pocket). With the rail in one hand pull the post away from the wall enough to insert the bolt. Put your left foot behind the foot of the post so it will not "kickout". Holding the rail in your right hand , tilt the head assembly forward with your left hand and lean it on your right shoulder. Supporting the head with your shoulder slip the rail into the post mortise and insert the bolt. Screw in until it catches the nut and pulls the rail tightly into the mortise. If the bolt will not catch, lean the head assembly back against the wall and check the bolt directly in the rail. Be sure the nut is in the bottom of the mortise in the rail. Repeat the above procedure. When done the head assembly will be tilted forward supported by one side rail. Put in side rail III and tighten.

Foot Posts and Rail: (If you have a footboard or blanket rail skip to next section.) Insert a nut into side rail VII & VIII in the mortise at the VII end. Select foot post VII & VI. This is the left foot post. Lift up the side rail and slip post mortise VII on to rail tenon VII. Insert a bolt through the hole in the post into the rail and tighten. Repeat on post and rail IIII. Drop the nuts into the mortises in rail V & VI. Spread the two foot post apart slightly and insert rail V into post V. If the rail is too heavy to support from one end use a stool or small waste basket to support the other end. Use a bolt to secure the rail and post. Repeat at rail and post VI.

Options

The following instructions cover a number of optional configurations. Choose those that are appropriate for your bed.

Multiple Beds; If you have 2 or more beds they will be marked with a letter on the end of the rails and headboard and the bottom of the posts.

Footboard or Blanket Rail: Assemble the same as the headboard except use posts IIII & V and VI & VII with the corresponding rail. Footboard is numbered to match the rail below. Blanket rails are not numbered and should go in either direction. After the foot assembly is secured with bed bolts, stand it up and attach it to the side rails.

Box Spring

If you ordered your bed to be set up for a box spring you will need a screw driver to attach the box spring brackets. The L shaped bed irons are attached to the inside of the rail with the screws provided. King or queen size beds have a wood cross brace. Two of the bed irons will have two additional holes in the lower leg. These are attached in the center of the side rails. The cross brace is bolted to the center brackets of the side rails with 4 bolts.

On king size beds the cross brace has a mortise in the bottom. Place the short foot in the mortise and secure it with the screw.

Platform

Swedish Slats: Lay the slats on the cleats with the notch in the slat engaging the wood pin.

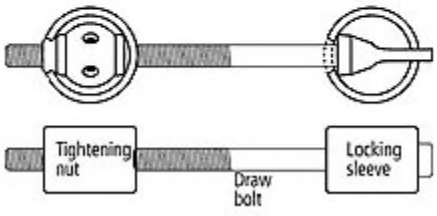
Wood Cross-braces; Drop wood cross-braces into the brackets on the side rails and lay the plywood on top.

Tester Frame

Flat, Arched & Ogee Lay one side piece on the floor with the mortise edge up. For arched and ogee frames this more easily done with the frame folded. Insert the end pieces matching the numbers. Place the other side on top of the tenons and gently push or tap the piece home with the side of your fist. On arched or ogee frames push the dovetail pieces into place as well. With the tester pins in the posts, place the frame on the bed. You may have to pull down on the frame to get the pin to slide through the hole.

Architectural and Cornice Tester Frames: The parts are numbered on top of the triangular block with the hole in it or on the inside of the frame near the corner. Lay the parts on the floor with the numbered corners matching. Start at any corner. The frame is joined with Tite-Joint fasteners shown below. Insert the draw bolt through the small hole in the edge of the triangle until it hits the side of the large hole in the face of the triangle. Push the locking sleeve into the large hole as shown until it seats on the bottom. Insert the tightening nut in the hole of the adjacent triangle. Be sure the hole in the nut aligns with the small hole in the edge of the

triangle. Insert the draw bolt, now locked in place into the small hole. When it engages the nut begin rotating the nut with an awl or ice pick. This will draw the two pieces of the frame together. Tighten until contact is made and the frame side can still shift easily.



Use the two remaining pieces and repeat the process in the opposite corner. Now put the draw bolts, locking sleeves and tightening nut in the two remaining corners and pull them together evenly. Align each joint and tighten the nut firmly. Screw in corner brackets if provided.

It will take two people and possibly two stools or ladders to put the frame in place. Get the stools or ladders in place before lifting the frame. Lift the frame evenly and avoid twisting it. You may want attach your bed hangings to the flat tester before putting the architectural frame on.

Maintenance

The finish is durable lacquer and does not require further attention. If a higher sheen is desired used a good quality paste wax. Spray on and wipe on liquid polish is not recommended. Clean with a damp cloth.

The mortise and tenon construction of the bed is extremely strong and will last for generations however due to the nature of wood the bed bolts may require periodic tightening. During periods of high humidity the wood swells compressing the fibers under the head of the bolt. During periods of low humidity the wood shrinks causing a slight looseness at the joint. It is recommended that you check the bed bolts for tightness at least every six months.