

How to Build a Wooden Bed Frame



Do you have a rickety metal bed frame, or maybe no frame at all with your mattress on the floor? A beautiful wooden bed frame can add a wonderful appeal to a room and get rid of the squeaky metal parts, but they can also be expensive. Here's a simple plan to build your own queen-size wooden bed frame that can be modified to any size (or height!) you want.

1. Purchase bedrail hangers, wood, and wood screws. See the **Things You'll Need** list below.
2. In the place of bedrail hangers, you can use 8 long lag bolts. When tightened, the lag bolts make the bed very solid. Lag bolts are also much easier to find than bedrail hangers.



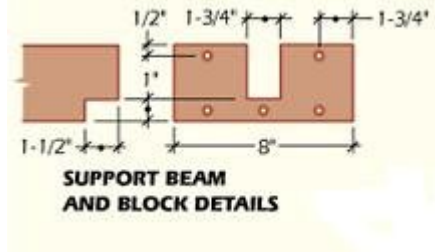
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Bedrail Hanger connections

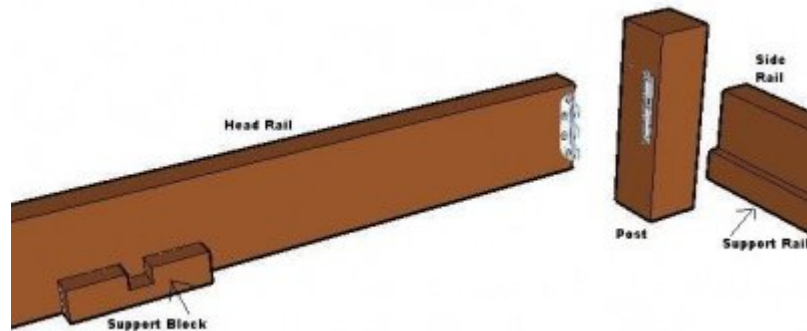
Hardware stores sometimes carry the bedrail hangers. Otherwise, look online. They are usually sold with 4 sets to a package.

- Wood pieces may not always be bought at the exact dimensions needed. Some wood may need to be cut with a table saw.
3. Secure the bedrail hangers to the end of the siderail and head post. Repeat for all corners.
 4. Screw the support rail to each side rail, spacing the screws about 12" (30.5 cm) apart.
 5. Cut a groove into the support block and support beam, as



shown.

6. Attach each support block to the center of the head rail and foot rail with screws.
7. Connect each rail to the post using the bedrail



hangers.

8. Insert the support beam between the two support blocks.
9. Rest the plywood on the support rails and support beam. It should fit into the inner part of the bed frame.

Tips

- Sand any rough edges to make the bed frame smooth.
- Drill pilot holes before screwing any pieces together.



Un-Stained VS. Stained

Stain the wood using a color you like for an extra nice look.

- Adjust the wood choice for your corners, and you could have a gorgeous Four Poster bed! (larger diameter, turned posts are all you would need to change to make this bed frame into something amazing.)
- 8 Bedrail hanger sets
- 4, 4x4x21" (10.1 cm x 10.1 cm x 53.3 cm) - wood pieces for posts at foot & head
- 2, 2x6x60" (5cm x 15.2 cm x 1.5 meters) - wood piece for the foot rail & headrail
- 2, 2x4x8" (5cm x 10.1 cm x 20.3 cm) - wood pieces for the support block
- 2, 2x6x80" (5 cm x 15.2 cm x 2.032 meters) - wood pieces for the side rail
- 2, 2x4x80" (5 cm x 15.2 cm x 2.032 meters) - wood pieces for the support rail
- 1, 2x4x80" (5 cm x 15.2 cm x 2.032 meters) - wood piece for the support beam
- 2, 3-1/4'x5', 3/4" (8.2 cm x 12.7 cm, 1.9 cm) plywood
- Box of 2-1/4" (5.7 cm) woodscrews
- Box of 1-1/4" woodscrews (if screws not included with bedrail hangers)
- Saw
- Sand paper
- Wood Stain (optional)