



Outdoor Chaise Lounge

By *Ana White*

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Submitted by [Ana White](#) [1] on Fri, 2010-04-02 16:21

About Project

Plans are for a single lounger, but can be easily modified, as one of our readers did, to a double. Featuring no special hardware, slatted wood design, adjustable back angles, and optional wheels.

Inspired By: [Pottery Barn Chesapeake Chaise Lounge](#) [2]



Dimensions**Dimensions:**

Dimensions: 73" x 15" x 24" (approximate)

Materials and Tools**Shopping List:**

Shopping List

- 1 - 2x2 8' Long
- 10 - 1x2 8' Long
- 5 - 1x4, 8' Long
- 2" Screws
- 1 1/4" Screws
- 5 Hinges
- 1 - 24" 3/4" Dowel
- 4 - 3/4" Pipe Straps
- Wood Glue
- Wood Filler
- Finishing Supplies
- 24" Wide Foam, 48" and 30" long for Cushions
- Fabric for Cushions, 2 1/2" yards (approximately)

120 grit sandpaper

primer

wood conditioner

paint

paint brush

Tools: measuring tape

square

pencil

hammer

safety glasses

hearing protection

drill

circular saw

Cut List**Cut List:**

2 - 1x2 @ 73 1/4" (Side Stringers)

1 - 2x2 @ 22 1/2" (Base Support)

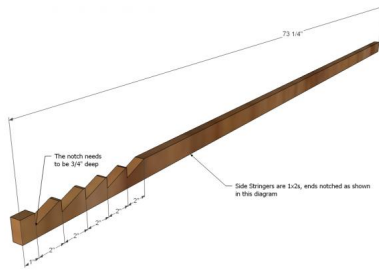
2 - 1x4 @ 81 3/4" (Sides)

4 - 1x4 @ 14" (Inside Leg Piece)

- 2 - 1x4 @ 24" (Front and Back)
- 2 - 2x2 @ 22 1/2" (Stretchers)
- 4 - 1x4 @ 12 1/2" (Outer Leg)
- 4 - 1x2 @ 12 1/2" (Fronts and Backs of Legs)
- 24 - 1x2 @ 24" (Main Slats)
- 2 - 1x4 @ 24" (Support Slats)
- 3 - 1x2 @ 30 1/2" (Back Stringers)
- 2 - 1x4 @ 16 1/2" (Back Incline Support)
- 1 - 3/4" Hardwood Dowel or Pipe @ 24" (Back Incline Catch)

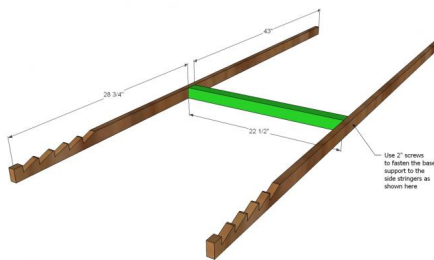
General Instructions

This is an advanced project, make sure you fully understand how this lounge works before beginning. Work on a clean level surface. Check for square after each step. Predrill and countersink your screws. Use necessary safety precautions and equipment.



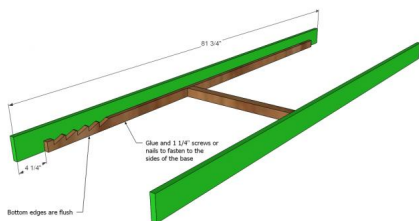
Step 1

Side Stringers. Notch out your side stringers as shown here. You could actually add more notches for more customization if you would like.



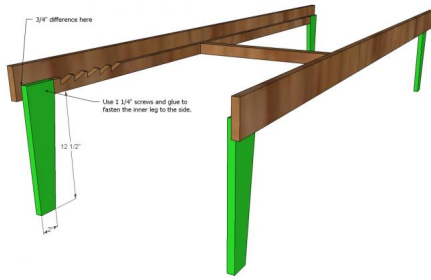
Step 2

Base Support. Use 2" screws and glue to fasten the base support as shown here.



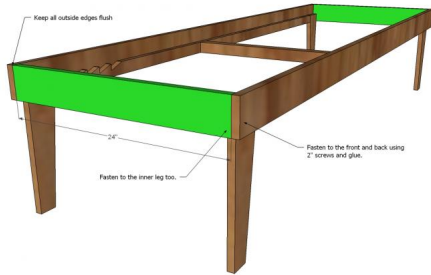
Step 3

Sides. Fasten the sides to the side stringers, keeping bottom edges flush. Use glue and 1 1/4" screws or nails. There will be a 4 1/4" difference on the front and back ends of the stringer and the sides, as shown above.



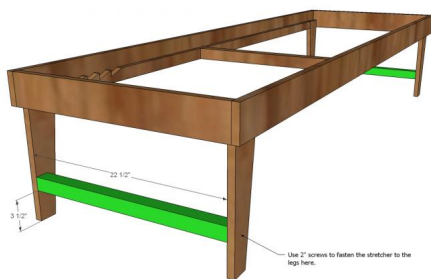
Step 4

Inside Legs. First cut your inside leg to a taper, as shown above. Then fasten the inside leg to the sides, using glue and 1 1/4" screws.



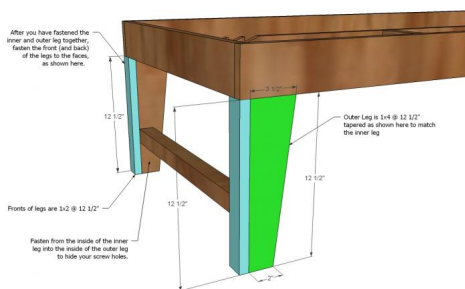
Step 5

Front and Back. Fasten the front and back to the sides and the inner leg as shown above.



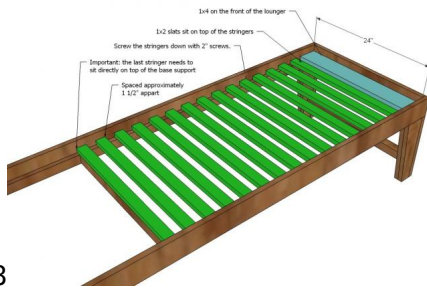
Step 6

Stretchers. Fasten the stretcher to the inner legs as shown here. Use 2" screws and glue.



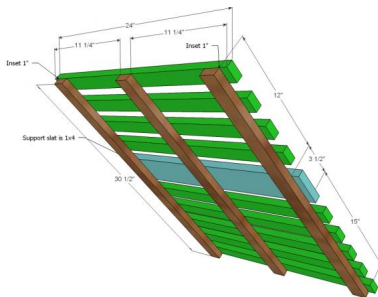
Step 7

Finishing the legs. First, cut the taper of the outer leg as shown here so it matches the inner leg. Fasten the outer leg to the inner leg using 1 1/4" nails. Fasten through the insides. Then fasten the fronts of the legs (or the backs for the back legs) to the inner and outer leg pieces.



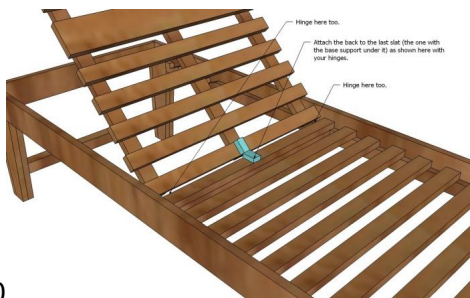
Step 8

Main Slats. As shown above, fasten the main slats to the stringers. Start with the 1x4 front piece and the last slat that sits on top of the base support. Then fill in with slats, approximately 1 1/2" apart. Screw down with 2" screws and glue.



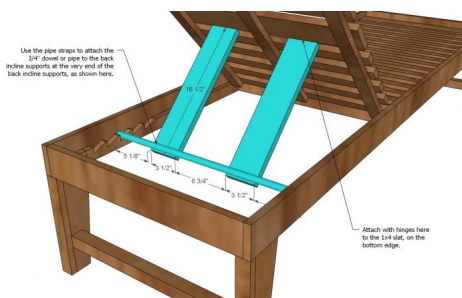
Step 9

Back. Build the back as shown above. Keep the top and bottom edges flush with the back stringers, but there will be a 1" difference on the slats and the stringers, as shown above. Use 1 1/4" screws to fasten through the back stringers into the backs of the slats to hide your screws.



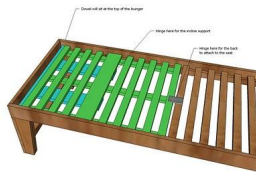
Step 10

Attaching the Back. Lay the back in the lounge, and attach the last slat of the back to the last slat on the lounge. Simply lay the hinges flat on top of the slats and screw in place. Position the hinges so that the pin rests in a gap between the back slat and the seat slat. Use three hinges, all positioned over the back stringers.



Step 11

Incline Support. Attach the dowel with the pipe straps to the incline supports and use the hinges to attach the incline supports to the 1x4 back slat. The dowel needs to be on the very end of the incline supports so that the dowel can fold to the top when the recliner is layed flat.



Step 12

Mechanics. I added this diagram to help illustrate how the lounge will appear when in the flat position. Notice how the dowel sits above the last slat on the back?

Finishing Instructions **Preparation Instructions:** Fill holes with plugs or wood filler, sand and finish appropriate for outdoor use. Cushions will need to be 48" x 24" x 3" thick for the seat, and 30" x 24" x 3" for the back rest. Attach ties to the back rest cushion to keep in place.

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Links:

- [1] <http://ana-white.com/users/ana-white>
- [2] <http://www.potterybarn.com/products/chesapeake-eucalyptus-single-chaise-cushion/?pkey=cchaises-outdoor>
- [3] <http://ana-white.com/category/plans/project-type/beds>
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