

DIY Bicycle and Scooter Rack



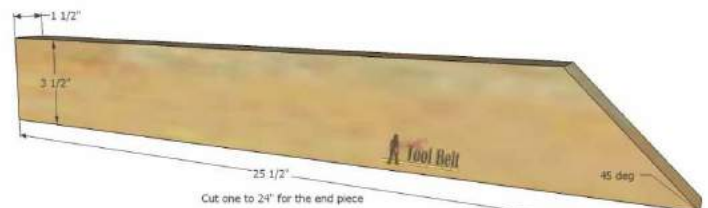
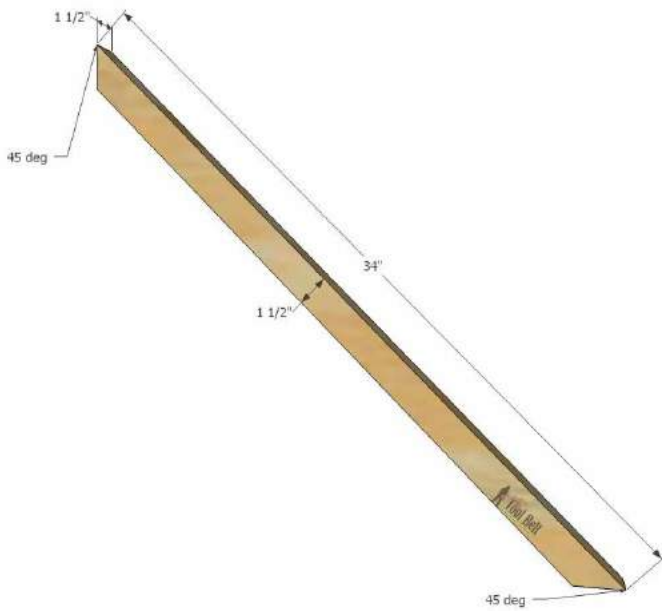
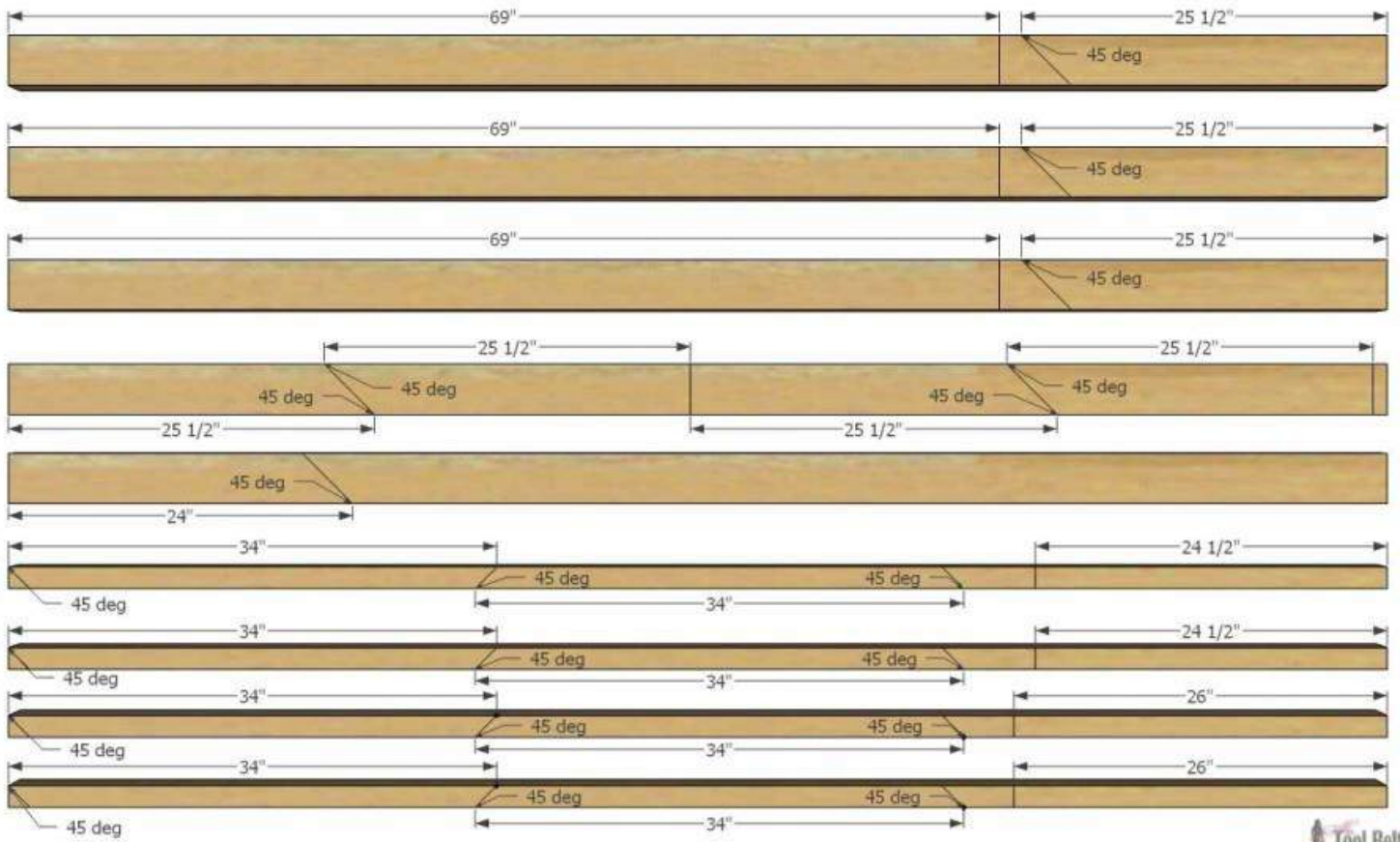
Materials

- 5 - 2" x 4" x 96" studs (actual 1 1/2" x 3 1/2")
- 4 - 2" x 2" x 96" boards (actual 1 1/2" x 1 1/2")
- 2 1/2" screws - I used [deck screws](#)
- wood glue
- sandpaper
- paint
 - Approximate lumber cost - \$21

Cut List

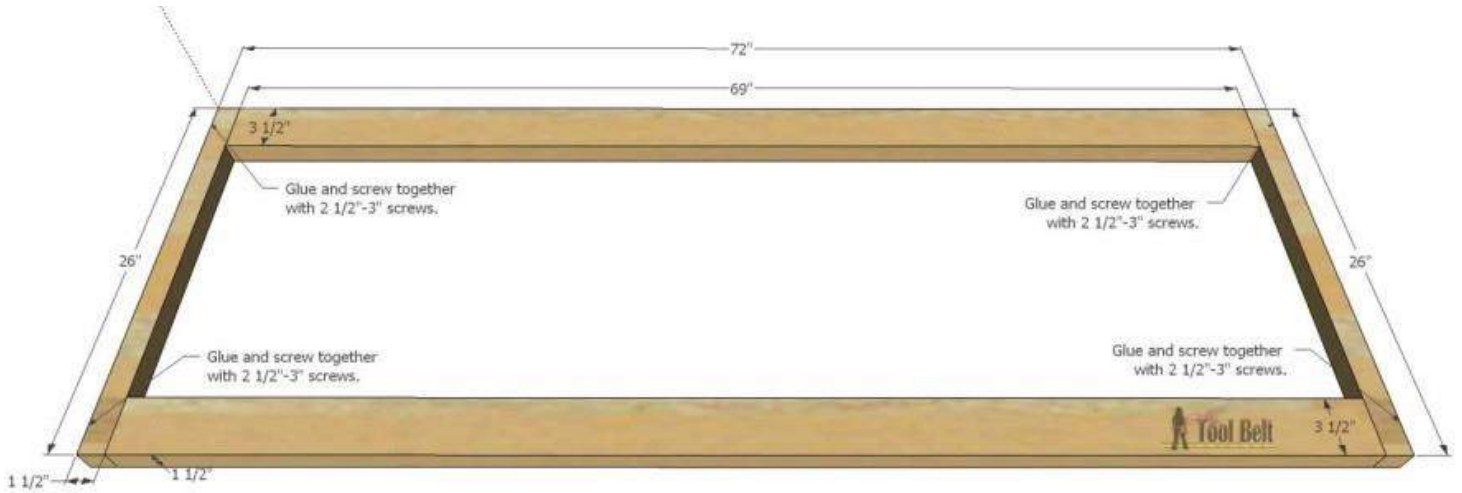
- 3 - 1 1/2" x 3 1/2" x 69"
- 7 - 1 1/2" x 3 1/2" x 25 1/2" with 45 deg on one side
- 1 - 1 1/2" x 3 1/2" x 24" with 45 deg cut on one side
- 2 - 1 1/2" x 1 1/2" x 26"
- 2 - 1 1/2" x 1 1/2" x 24 1/2"
- 8 - 1 1/2" x 1 1/2" x 34" with 45 deg cut on both ends facing each other.

Cut Diagram

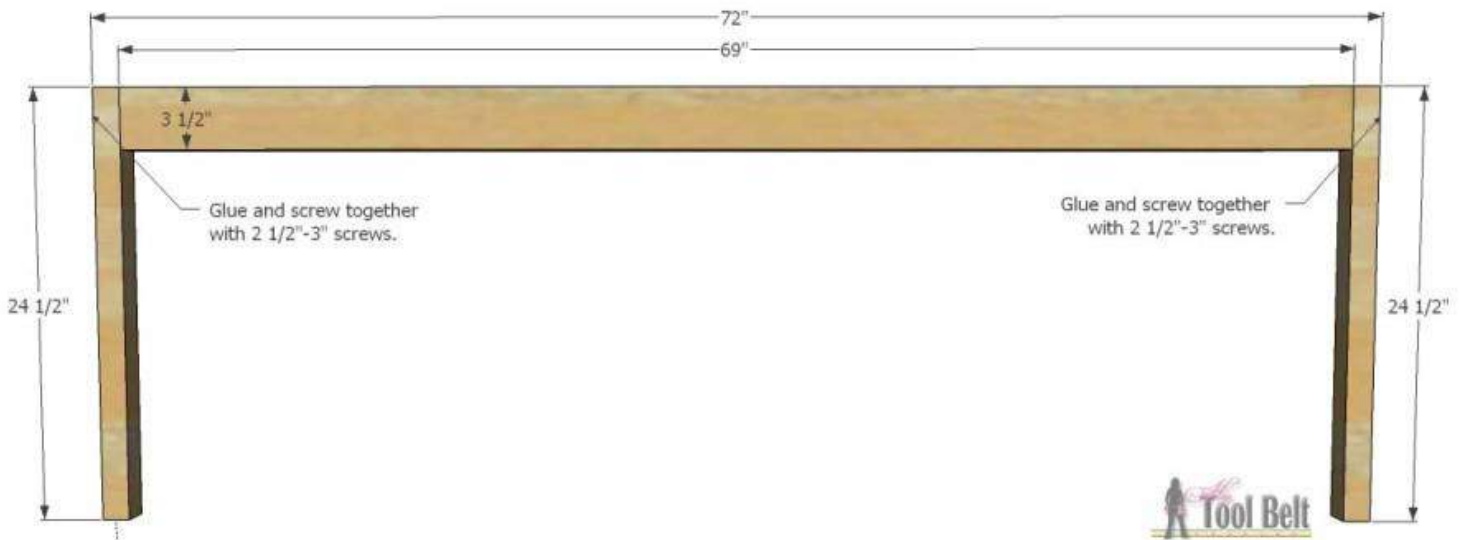


Step 1

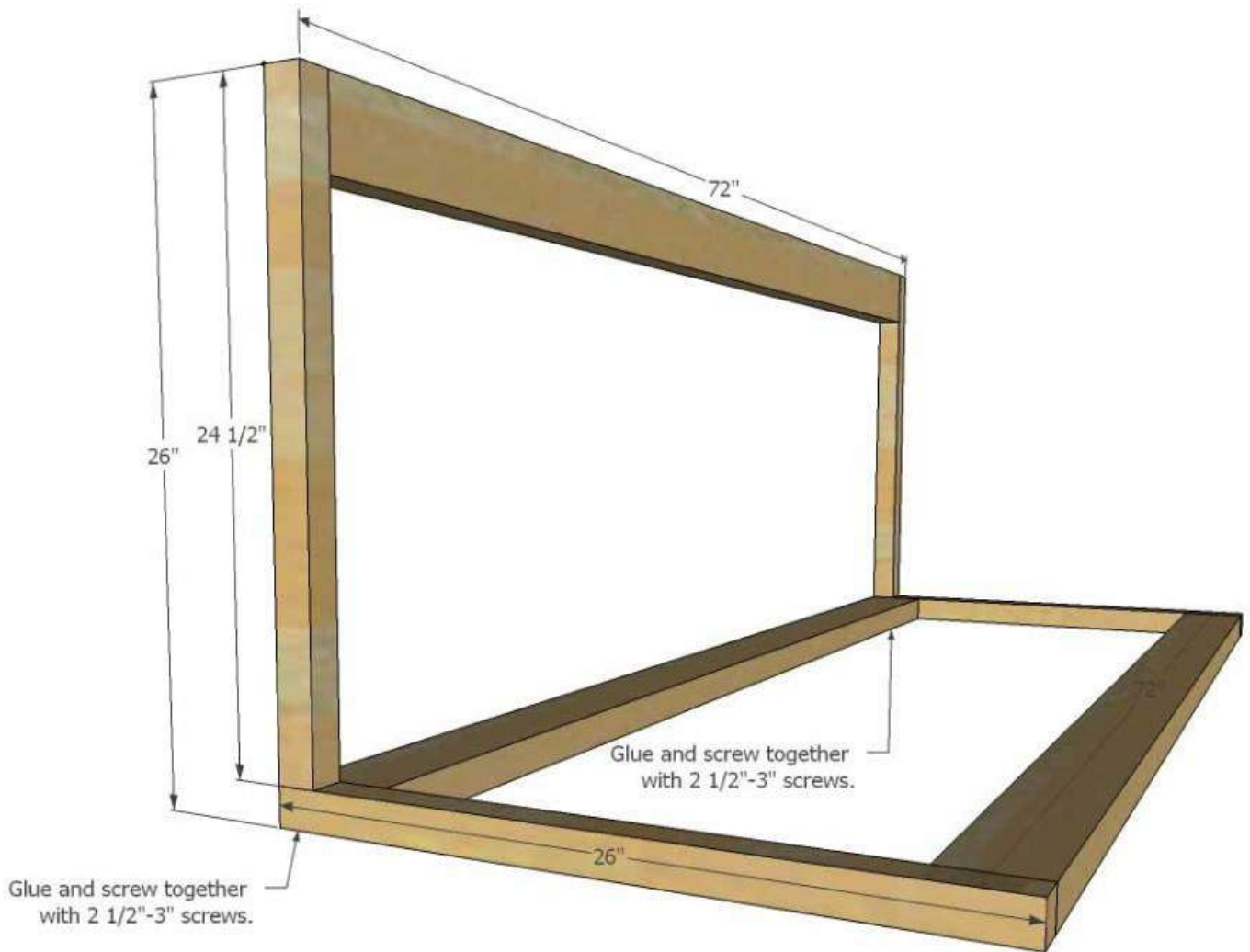
Pre-drill all of the holes before putting the screw in to prevent the wood splitting. Cut all of the boards according to the cut list and diagram. Attach a 26" board to each end of two 69" boards as shown, secure with wood glue and 2 1/2" screws to create the base.



Attach a 24 1/2" board to each end of the remaining 69" board, secure with wood glue and 2 1/2" screws to create the back.



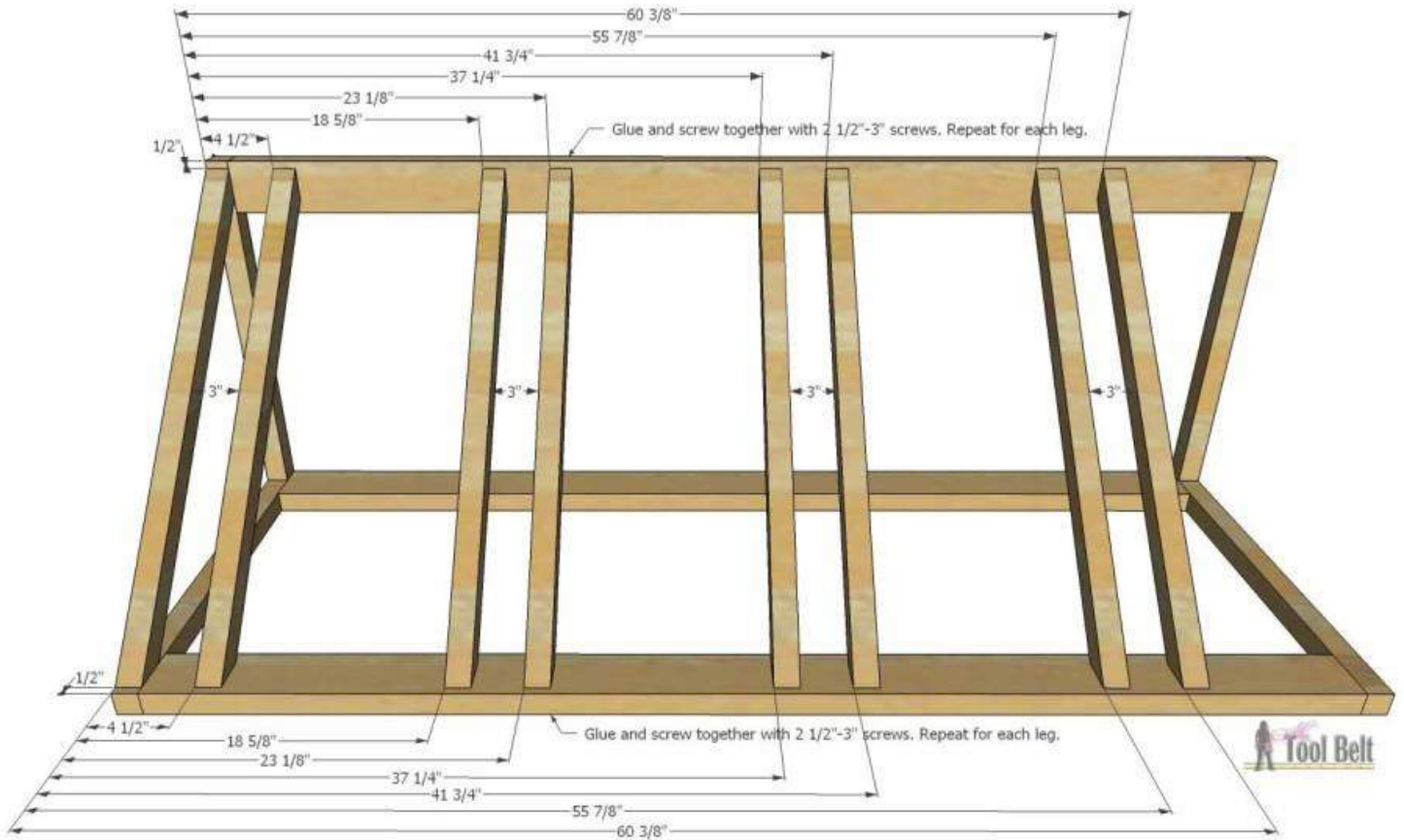
Attach the back to the base, secure with wood glue and 2 1/2" screws. Keep the back flush with the back of the base.



Step 2

Determine the spacing you need for your bikes and/or scooters. 3" seemed to work great for all of my Sister's bikes (adult to child) and 4" for the Razor scooters. You can adjust the following measurements accordingly.

Measure and mark the location of the bike supports on the base and back. Pre-drill holes for the bike supports and secure with wood glue and 2 1/2" screws.



Measure and mark the location of the scooter supports on the base. Pre-drill holes for the scooter supports and secure with wood glue and 2 1/2" screws.

