

Assembly Requirements and Precautions

- 1) A skateboard deck in good condition.
- 2) 3/16" drill bit and a drill. Countersink optional.
- 3) Phillips head screw driver.
- 4) Clamps are optional if using a bent board.
- 5) Use safety equipment and supervise children.
- 6) Before riding ensure the ball and rail are not damaged and the rail is secured to the board. Do not ride if the ball or rail is damaged.



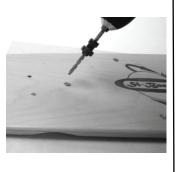
Step 1: Decide which rail size you want. The 4" extension pieces can always be added later. Make sure the rail fits the exact hole placement on the template. Cut out the template and tape it to the board top. You can place the rail in the center or closer to the end of the board. The rail allows for slight bending to conform to a bent board.





Step 2: Mark the holes on the top of your board with a pen or dent from a nail. The hole placements in the rail allow for slight adjustments.

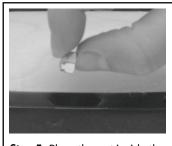
Step 3: Drill a 3/16" hole on your marks. Place scrap wood under the board to avoid splintering when you drill. You can countersink the holes so the bolts do not stick up from the board top. You can use a countersink tool (shown) or a 3/8" bit to pre-drill a shallow larger hole. Do not countersink too deep.



Step 4: Insert the bolts into the holes and turn your board bottom side up. If the 1" bolts are not long enough, purchase longer bolts with a 10-32 thread size. Connect the rail pieces and place over the bolt holes. If the rail does not fit snug you can clamp (shown) the rail to the board.









Step 5: Place the nut inside the recessed slot on the bottom of the rail. The nut fits snug and should be placed over the bolt. It is easier to turn the nut 90°, push it in and then turn it level. A second option is to reverse thread a nut and bolt, tap it in place then remove the bolt.



Step 6: First bolt the ends of the curved pieces using a Phillips screwdriver. Tighten only until the bolt grabs- DO NOT tighten all the way. Connect the nuts and bolts in the remaining holes until each grabs. Finish by tightening all the bolts until the rail is secured to your board.





