Steel Router Cabinet Assembly Instructions

**Item Description** | **Quantity** | **Item Description** | **Quantity**
--- | --- | --- | ---
1 Caster Base | 1 | 13 Right Door | 1
2 Feet Stabilizers | 2 | 14 Left/Right Kick Plate | 2
3 Left Side Panel | 1 | 15 Rear Kick Plate | 1
4 Right Side Panel | 1 | 16 Front Kick Plate | 1
5 Lower Back | 1 | 17 Door Handles | 2
6 Main Support Brackets | 2 | 18 Magnets (not shown) | 3
7 Shelf | 1 | 19 Leveling Feet | 2
8 Upper Back | 1 | 20 Casters | 2
9 Dust Bucket Door Assembly | 1 | 21 Decal, Rockler | 2
10 Dust Bucket Sides | 2 | 23 Dust Port | 1
11 Top Plate | 1 | 24 Cord Grommet | 1
12 Left Door | 1
### Fastener List

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
<th>Extra</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>8-32 x 3/16” Pan Head</td>
<td>58</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>8-32 x 1/4” Pan Head</td>
<td>34</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>8-32 x 1/4” Pan, Self Tapping</td>
<td>67</td>
<td>5</td>
</tr>
<tr>
<td>D</td>
<td>8-32 x 3/8” Undercut Flat Head</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>E</td>
<td>8-32 Lock Nut</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td>F</td>
<td>1/4-20 Lock Nut</td>
<td>8</td>
<td>0</td>
</tr>
</tbody>
</table>

**Tip:** Use a scratch awl to help align screw holes during assembly.

### Required Tools

- #2 Phillips Screwdriver (magnetic tip recommended)
- 11/32” Wrench or Socket (or small pliers)
- 7/16” Wrench or Socket
- 3/4” Wrench
- Scratch Awl

### Assembly Instructions:

**See Figure 1.**

1. Using eight 1/4-20” lock nuts (F), secure the two Casters (20) to the underside of the Caster Base (1). Before tightening the nuts, make sure the Casters are parallel to the edges of the Caster Base.

2. Using eight 8-32 x 1/4” pan head screws (B), secure the Feet Stabilizers (2) to the bottom of the Caster Base (1).

3. Remove one of the two jam nuts from each of the Feet (19), and screw the two Feet into the Feet Stabilizers until the feet are the same height as the caster wheels. (The casters are 4” tall.)

**Tip:** Place a straightedge across the caster wheel and foot pad, and measure the 4” height between the straightedge and Caster Base.

### Figure 1

4. While holding the Foot (19) from turning, tighten the Foot’s jam nut against the Foot Stabilizer to lock the height setting of the Foot.

5. Turn the Caster Base over and install the second jam nut to the Foot protruding through the Caster Base.

6. Insert the lower door Magnet (18) into the magnet recess located on the interior side of the flange of the Caster Base (1). (See Figure 2 for placement). Note that the Magnet will resist, until it is centered over the recess, and then it will snap into place.

**See Figure 2.**

7. Using six 8-32 x 3/16” pan head screws (A), secure the Right Side Panel (4) to the Caster Base. Note the following:
   - The Right Side Panel has the laser cut switch blank for the optional power switch. The switch blank should be toward the top and front of the cabinet.
   - The screw holes will not align if you mistakenly attempt to install the Right Side to the left-hand edge of the Caster Base.
   - Install the screws in the sequence shown in Figure 3. Do not tighten the screws until all six screws are started, and then tighten the screws.

8. Using six 8-32 x 3/16” pan head screws (A), secure the Left Side Panel (3) to the Caster Base.

### Figure 2
9. Using four 8-32 x 3/16” pan head screws (A), secure the Lower Back (5) to the Caster Base.
10. Using four 8-32 x 1/4” self tapping screws (C), secure the Lower Back to the Right and Left Sides. Use the bottom hole, and the 5th hole from the top.

See Figure 4
11. Using six 8-32 x 1/4” self tapping screws (C) (3 each side), install the two Side Kick Plates (14). A scratch awl will be helpful for aligning the screw holes.

See Figure 5
12. Using four 8-32 x 1/4” self tapping screws (C) install the Rear Kick Plate (15). There are two alignment tabs that mate with the two Side Kick Plates.
13. Using four 8-32 x 1/4” self tapping screws (C) install the Front Kick Plate (16). There are three alignment tabs across the front, and two alignment tabs that mate with the two Side Kick Plates.

See Figure 6
14. Install the two Main Support Brackets (6) to the cabinet sides. Note the following:
   - The brackets are threaded and fit behind the flanges.
   - Use the set of screw holes shown in the diagram to mount the brackets so they are even with the top of the Lower Back (5).
   - Use two 8-32 x 3/8” undercut flat head screws (D) for the front, and two 8-32 x 1/4” pan head screws (B) for the rear.

See Figure 7
15. Lower the main Shelf (7) between the cabinet sides and tip it down horizontally on the Shelf Support Brackets (6). Note that the Hem (folded edge) is toward the front of the cabinet and facing down.
16. Secure the Shelf to the Shelf Support Brackets using ten 8-32 x 3/16” pan head screws (A).
17. Secure the Shelf to the Lower Back (5) using five 8-32 x 1/4” self tapping screws (C).

See Figure 8
The following tips may be helpful for assembling the Dust Bucket:
   - Stand the Upper Back (8) upright on a stable workbench. A clamp may be used to hold the Upper Back upright while getting started, but remove the clamp before tightening any screws.
• Use a scratch awl to help align screw holes.
• Install screws in a pattern similar to that shown in Figure 3.
• If the finished assembly does not sit flat on the workbench, slightly loosen all of the screws, press the assembly flat, and retighten the screws.

18. Slide the Magnet (18) into the Magnet Recess on the interior of the Dust Bucket Door Assembly (9). Note that the Magnet will resist, until it is centered over the recess, and then it will snap into place.

19. Using ten 8-32 x 1/4" self tapping screws (C), install the two Dust Bucket Sides (10) to the Upper Back (8).

20. Using ten 8-32 x 1/4" self tapping screws (C), install the Dust Bucket Door Assembly (9) to the two Dust Bucket Sides (10).

21. Press the Cord Grommet (24) into the Upper Back (8).

See Figure 9

22. Install the Dust Bucket Assembly to the cabinet using the following fasteners:
   • Sixteen 8-32 x 1/4" self tapping screws (C) around the perimeter (four for each—left, right, front, and rear) to the main Shelf (7).
   • Four 8-32 x 1/4" self tapping screws (C) to secure the interior tabs of the Upper Back (8) to the Lower Back (5).
   • Ten 8-32 x 1/4" pan head screws (B) and nuts (E) to secure the Upper Back (8) to the cabinet sides (3 and 4).

23. Using four 8-32 x 1/4" self tapping screws (C), install the Dust Port (23) to the Upper Back (8), as shown in Figure 8.

Usage Notes

• Periodically check the dust port opening to make sure it does not get clogged with larger chips.
• When using a router lift, periodically lubricate lift components (refer to manufacturer’s instructions).
• Use only with a 4" dust collection system. Not intended for use with a portable wet/dry vac.

See figure 8

24. Snap the Door Handles (17) into the recess of each Door (12 and 13). The thicker flange should face the center of the cabinet.

25. Install the Right and Left Doors (12 and 13) by inserting the hinge plates into the slots in the cabinet sides (3 and 4), and securing them with two 8-32 x 3/8" undercut flat head screws (D) and two 8-32 lock nuts (E) per hinge.

See Figure 10

26. Install the upper door Magnet (18) into the magnet recess located on the interior side of the flange of the Top Plate (11).

27. Using thirty-two, 8-32 x 3/16" pan head screws (A), secure the Top Plate (11) to the cabinet. The screws install from below. The screw locations are circled in red in Figure 11.

28. Install the router table top of your choice using the pre-drilled holes. The pre-drilled holes fit all Rockler router tables as well as many brand name tables.

See figure 10

See figure 11