

Router Table Dust Collection Box

By **Spencley Design Co.**

Difficulty

Easy

Upgrade your Kreg router lift with a dust collection system that captures virtually all of the dust created on the router table!

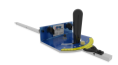


Tools

Kreg Tools



[Kreg® Pocket-Hole Jig 720PRO](#)



[Precision Miter Gauge](#)



[Zinc Pocket-Hole Screws](#)

Other Tools

Table saw

Impact driver

Drill

Materials

Wood Products

1 Sheet Plywood , 5/8"x4x8

Hardware & Supplies

1 Box Of 1 1/4" Pocket Hole Screws (See Tools List)

Cut List & Parts

- 1 Bottom Panel , 13 ½" X 11" X 5/8"
- 2 Side Panels , 13 ½" X 10 ½" X 5/8"
- 2 Front/Back Panels , 12 ¼" X 10 ½" X 5/8"

Directions

1

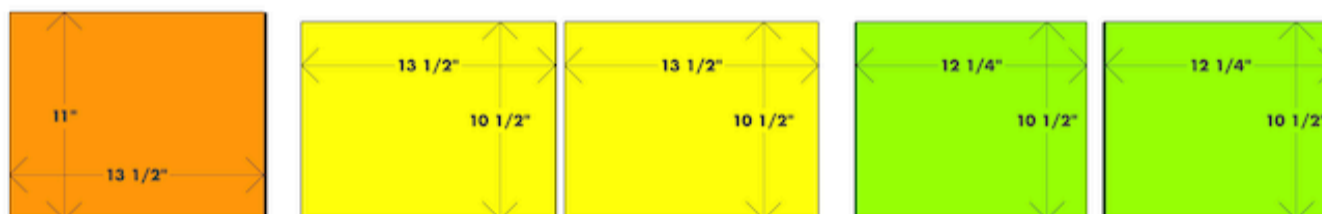
Watch the video

Before attempting this project, watch the full youtube video to get a better understanding of how to complete the project. Link in Extras below.

2

Cut plywood

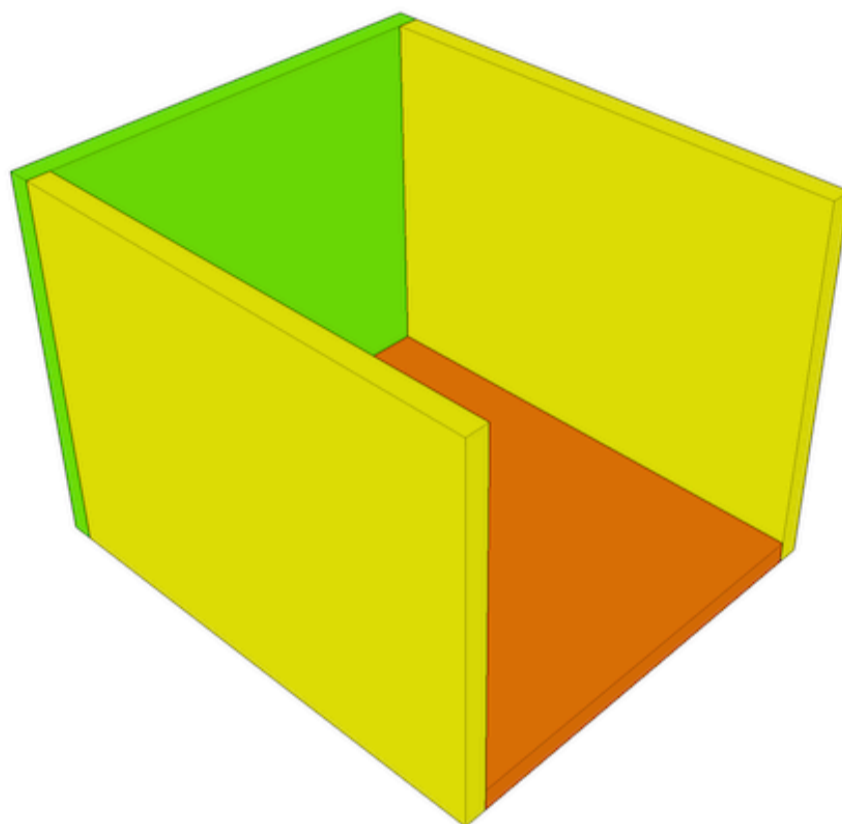
Cut all pieces according to the cutlist. Note that all of the pieces on this project are made out of $\frac{5}{8}$ " plywood but you can substitute different thickness if you adjust dimensions properly.



3

Attach side, bottom, and back pieces together

Using pocket holes, attach all of the side pieces together securely



4

Cut out a hole for the dust port

Use a drill to drill some pilot holes in the back of the dust box, then cut out the rest of the hole using a jigsaw



5

Attach dust collection port

After cutting out the hole in step 3, attach the dust collection port with screws or bolts to secure it to the back of the box



6

Cut door panel

Grabbing the extra front panel that you cut earlier, cut the panel roughly in half to create a door for the dust collection box



7

Drill hinge cups

Using the Kreg Concealed Hinge Jig, drill out cups for the concealed hinges to sit in



8

Attach door to dust box

Once the concealed hinges are attached to the door, attach the opposite side of the hinges to the dust box to create a functional door



9

Attach dust box to router table

With the door attached, using pocket hole screws to attach the dust collection box underneath the router table and you are done!

