

Workbench Storage Cabinet for Kreg Universal Bench

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Directions

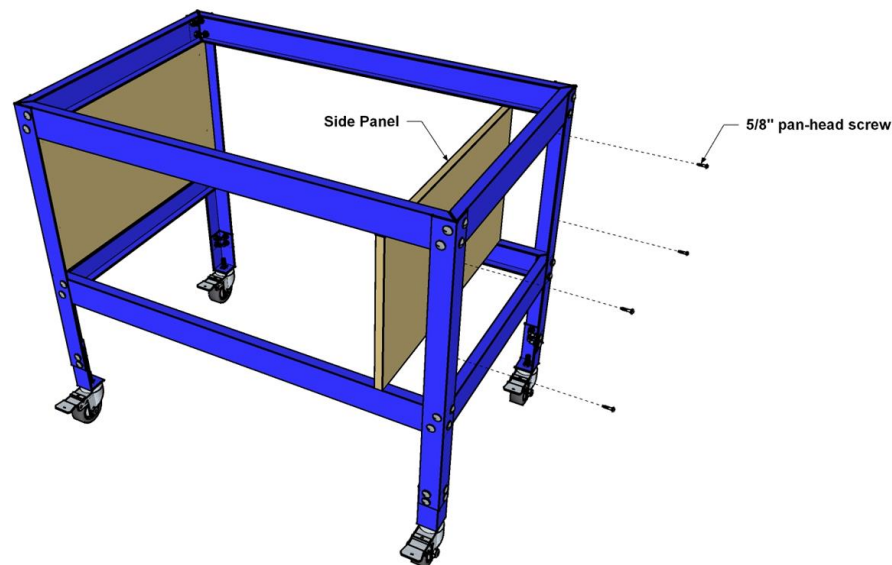
Follow the steps below to complete this project.

1. Assemble the Bench

Begin by assembling your Universal Bench according to the manufacturer's instructions. Make sure the assembly is square. This plan is sized to fit the 28"x44" Kreg Universal Bench with Standard-Height Legs that are adjustable from 31" to 39". The benchtop shown here is made using a Kreg Universal Clamp Trak Kit. This kit comes with instructions for building the top if you'd like to add one. See the links in Extras tab for more information on these products.

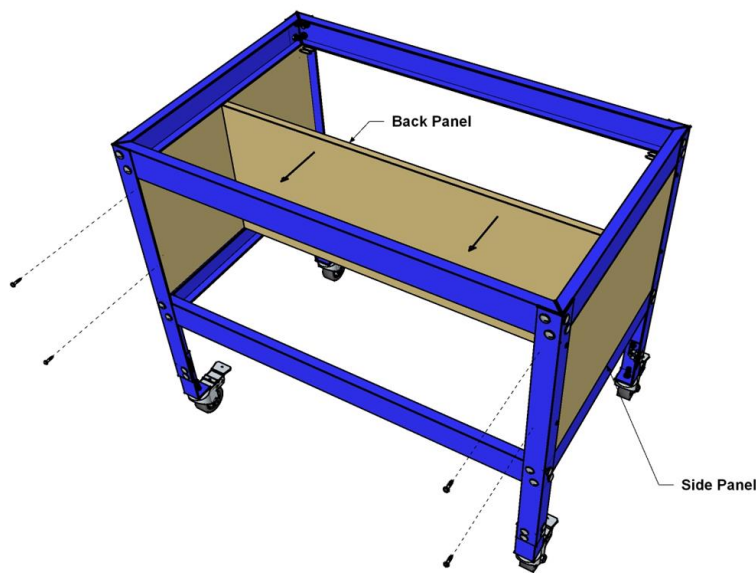
2. Make and Attach Side Panels

Cut two Side Panels to size from 3/4" plywood, as shown in the cut diagram. Set each Side Panel in against the bench legs, as shown. Secure each Side Panel by driving 5/8" pan-head screws through the holes in the bench legs and into the panel.



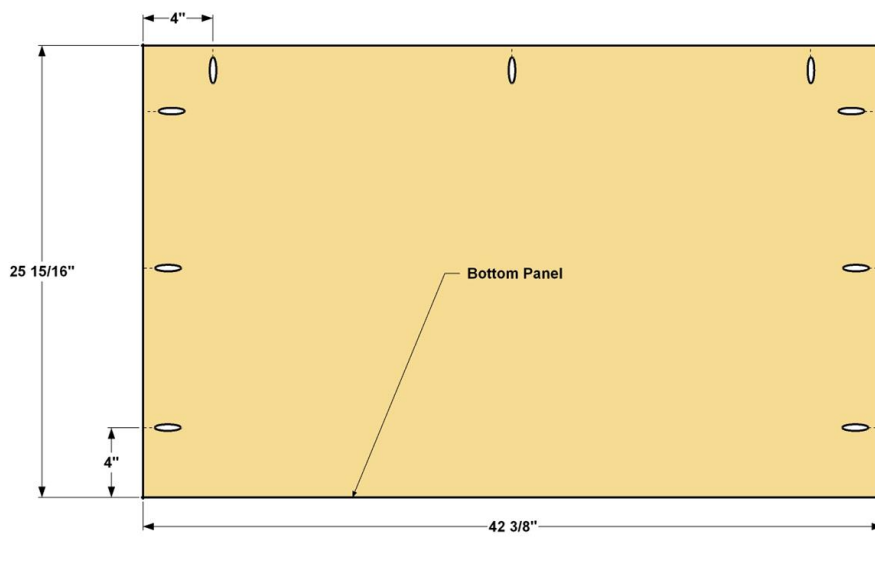
3. Add the Back Panel

Cut the Back Panel to size from 3/4" plywood as shown in the cut diagram. Position the Back Panel and secure it to the legs in the same manner as the Side Panels.



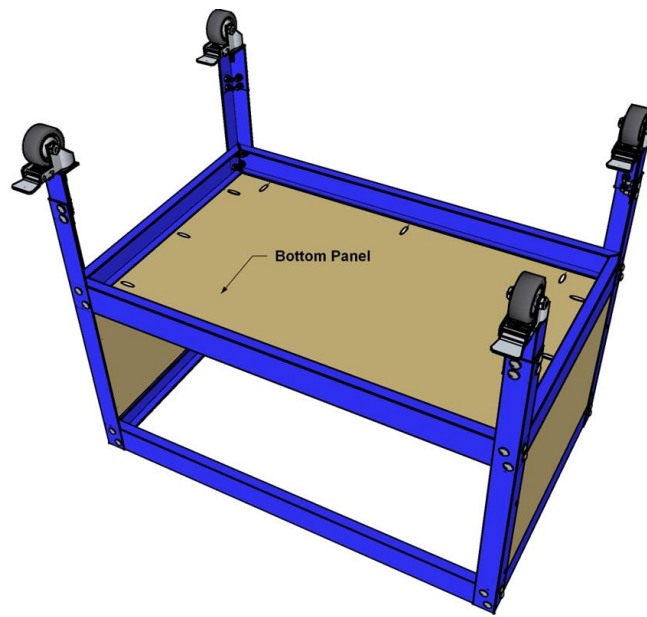
4. Make the Bottom Panel

Cut the Bottom Panel to size from 3/4" plywood as shown in the cut diagram. Set your Kreg jig for 3/4" thick material and drill pocket holes at the locations shown.



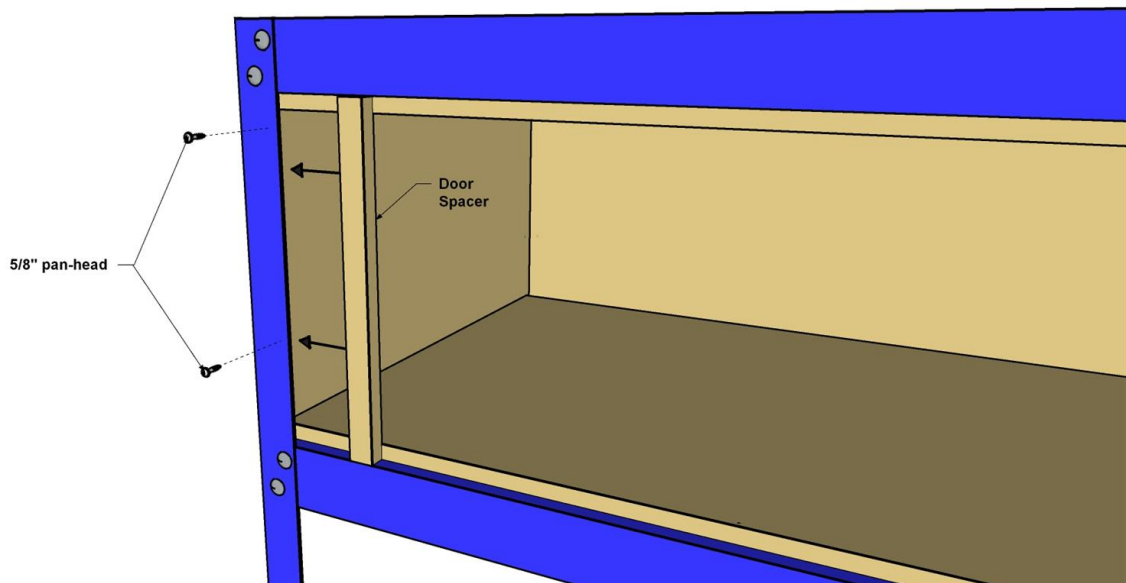
5. Attach the Bottom Panel

Set the Bottom Panel in place with the pocket holes facing downward and secure it to the Side Panels and the Back Panel using 1 1/4" coarse-thread Kreg Screws. To secure the front edge of the Bottom Panel, first slip a washer onto a 5/8" pan-head screw. Then position the screw midway along the front edge of the Bottom Panel and against the edge of the bench rail—so that the washer will overlap the rail and the bottom panel. Drive the screw in until the washer is snug against the bench rail and the Bottom Panel.



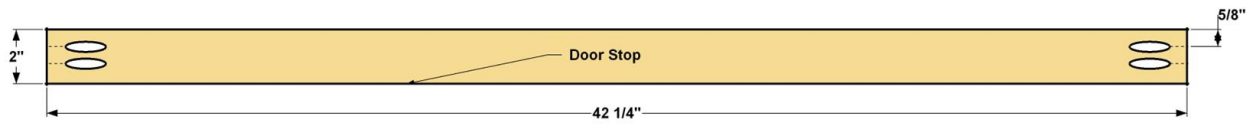
6. Make and Mount the Door Spacers

Cut the two Door Spacers to size from $\frac{3}{4}$ " plywood, as shown in the cut diagram. Slip each one in place behind the bench leg, as shown, and make sure the inner edges sit flush with the edges of the legs. Secure the Door Spacers to the legs with $\frac{5}{8}$ " pan-head screws.



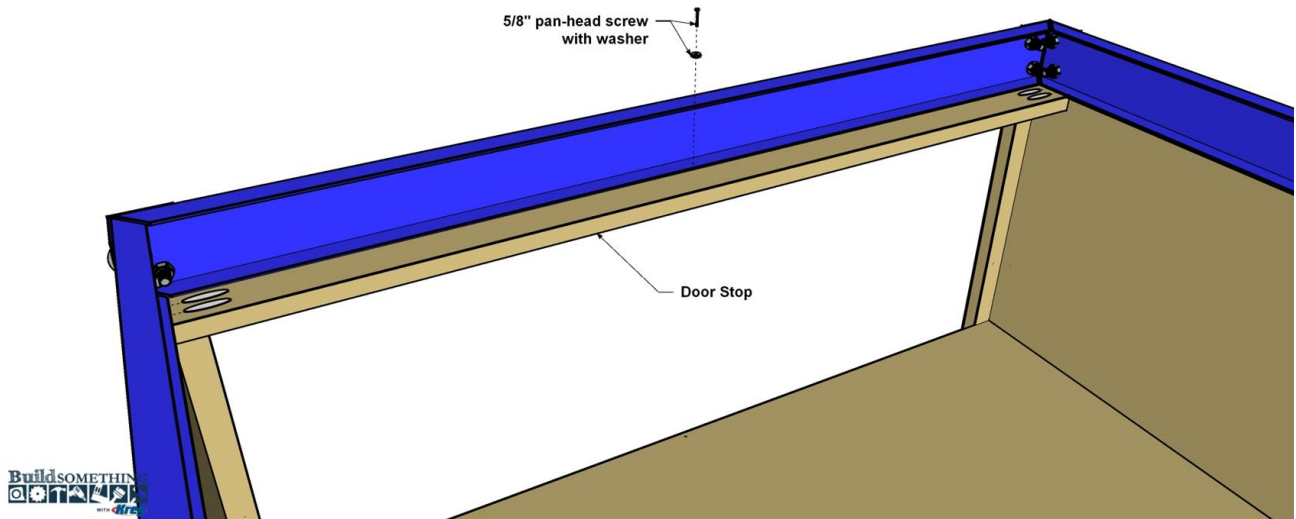
7. Make the Door Stop

From $\frac{3}{4}$ " plywood, cut the Door Stop to length, as shown in the cut diagram. Drill pocket holes at the locations shown.



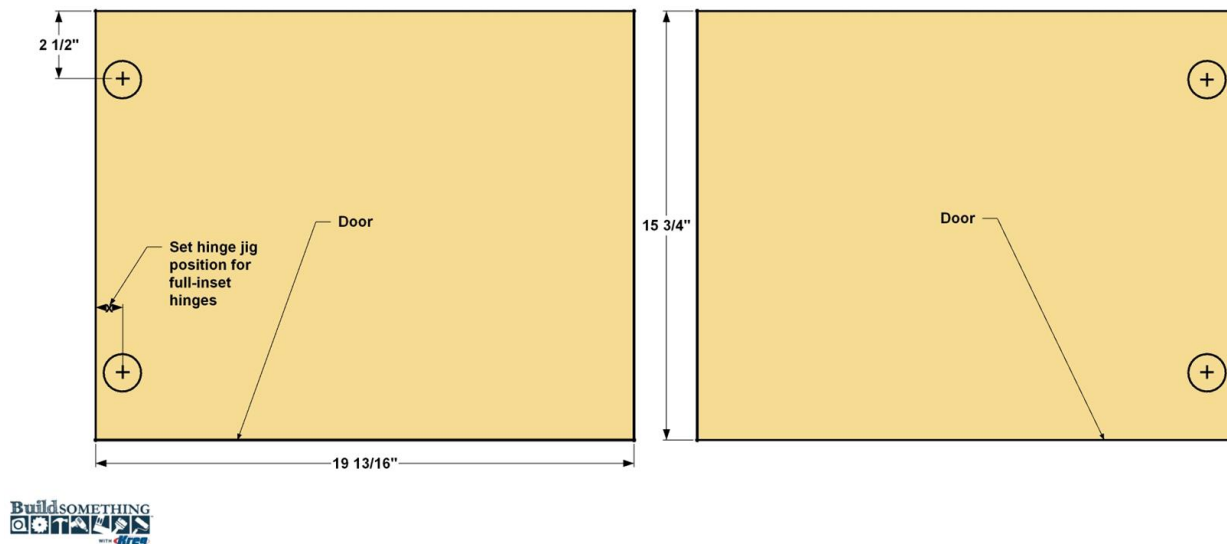
8. Install the Door Stop

Position the Door Stop and secure it to the Side Panels with 1 1/4" coarse-thread Kreg Screws. Secure the Door Stop to the top frame rail with one 5/8" pan-head screw and a washer, as shown.



9. Make and Install the Doors

Cut two Doors to size from 3/4" plywood, as shown in the cut diagram. Drill cup holes for the hinges at the locations shown. To make this easy, we used the Kreg Concealed Hinge Jig. Mount the Hinges to the doors and then mount the Doors to the Door Spacers using the screws supplied with the hinges. Adjust the hinges as needed per the manufacturer's instructions. Install the Door hardware of your choice. We used the Kreg Cabinet Hardware Jig to simplify drilling the holes.



Tools Used:

- (1) Kreg Cabinet Hardware Jig
- (1) Kreg Circular Saw Edge Guide
- (1) Kreg Circular Saw Guide Track
- (1) Kreg Clamps
- (1) Kreg Concealed Hinge Jig
- (1) Kreg Pocket-Hole Jig
- (1) Porter-Cable Circular Saw (corded)
- (1) Milwaukee Drill (cordless)
- (1) DeWalt Sander
- (1) Stanley Square
- (1) Kobalt Tape Measure

Materials Required:

Wood Products:

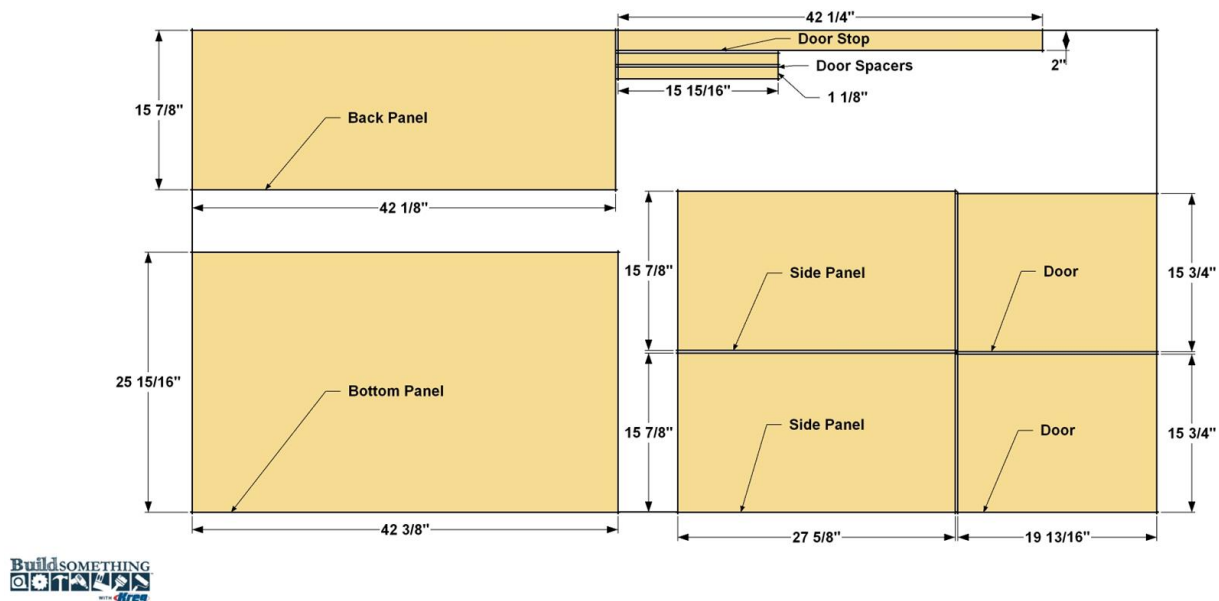
- (1) 3/4" Thick, Full Sheet, Plywood

Hardware/Supplies:

- (13) 1 1/4" coarse-thread Kreg pocket-hole screws
- (1) 28" Kreg Universal Bench Rails
- (1) 44" Kreg Universal Bench Rails
- (1) Kreg Dual-Locking Caster Set
- (1) Kreg Universal Bench Standard-Height Legs
- (2) #8 Flat Washer
- (2) 4" wire cabinet pull
- (18) 5/8" x #8 pan-head wood screws
- (2) pairs full-inset concealed hinges

Parts/Cut List:

- (2) Side Panel, 3/4" x 15 7/8" x 27 5/8" plywood
- (1) Back Panel, 3/4" x 15 7/8" x 42 1/8" plywood
- (1) Bottom Panel, 3/4" x 25 15/16" x 42 3/8" plywood
- (2) Door Spacers, 3/4" x 1 1/8" x 15 7/8" plywood
- (1) Door Stop, 3/4" x 2" x 42 1/4" plywood
- (2) Door, 3/4" x 15 3/4" x 19 13/16" plywood



Extras:

<https://www.kregtool.com/store/c42/universal-bench-with-standard-height-legs/>

<https://www.kregtool.com/store/c34/clamping-accessories/p364/universal-clamp-traktrade-kit--27-45/>

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