

Assembly Instructions ■

Ruckus® Whiteboards

Mobile Cart

July 2024

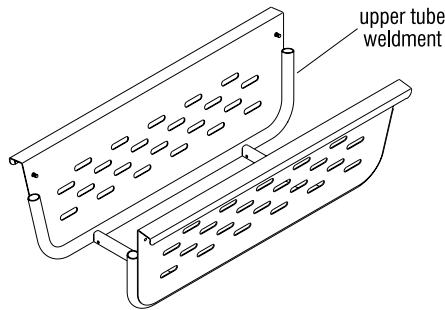


Figure 1

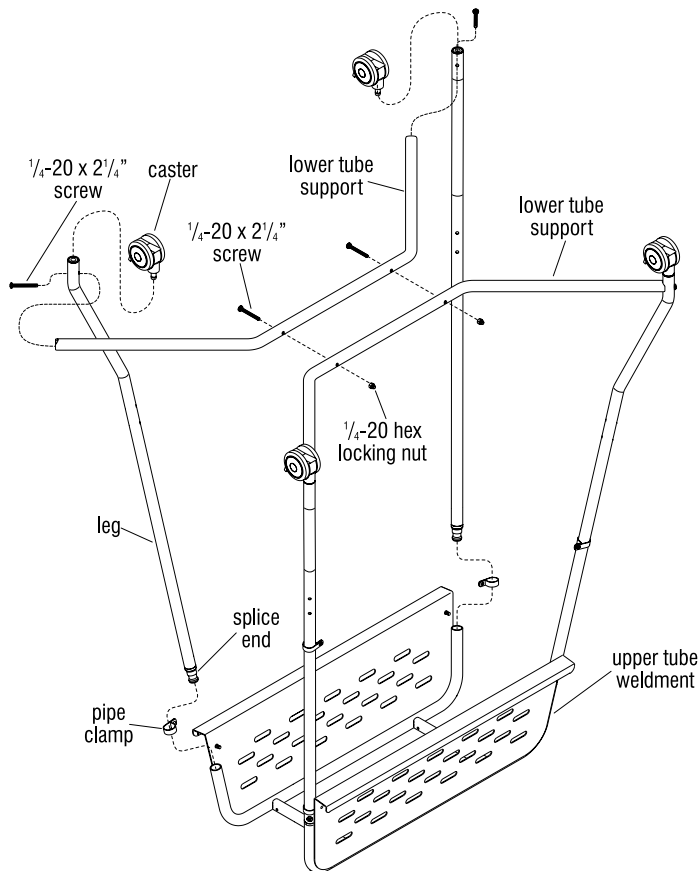
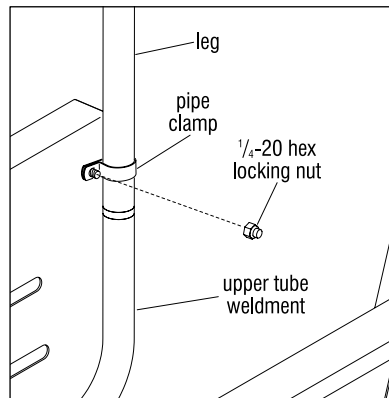
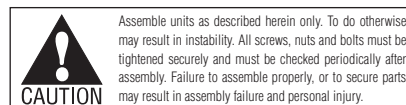


Figure 2



Detail A



1. Place the upper tube weldment upside down on a soft protective surface to prevent scratching (Figure 1).
2. Place a pipe clamp onto the splice end of a leg as illustrated. The pipe clamp must be oriented so the clamp's flat face mates to the upper tube weldment to attach at the stud. Slip the splice end of the leg into the exposed tube end of the upper tube weldment and move the pipe clamp mounting hole over the threaded stud of the tube weldment. Twist the leg so the bend in the leg faces outward about 45 degrees (Figure 2).
3. Loosely attach a 1/4-20 hex locking nut to the stud through the pipe clamp. Do not tighten nut at this time (Figure 2 & detail A).
4. Follow the same attachment process in steps 2 and 3 for the remaining three legs. Do not tighten hex nuts (Figure 2 & Detail A).
5. Next, locate the two lower tube supports. One support at a time, position it as illustrated and attach each end of the tube support to the appropriate leg near the caster using a 1/4-20 x 2 1/4" screw through the pre-drilled hole in the leg, and into the end of the support. Then, secure the two lower tube supports together at the center, through the pre-drilled holes using two 1/4-20 x 2 1/4" screw and 1/4-20 hex locking nuts as illustrated (Figure 2).
6. Holding each leg securely where the caster will install, press in each caster with enough force to snap and lock the caster into the leg (Figure 2).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

7. Carefully lift up the cart and turn it to the upright position on its casters (Figure 3).
8. Orient a lower panel as illustrated and slide it up between a pair of legs to wedge the out-folded attachment flanges between the legs at the upper of two mounting holes on each leg. Insert a $\frac{1}{4}$ -20 x $1\frac{1}{2}$ " screw through each leg first, then through the mounting flanges on the lower panel. Twist on loosely a $\frac{1}{4}$ -20 hex locking nut at each side of the lower panel (Figure 3 & Detail B).
9. Next, take a pipe clamp, spread it open and press it over the leg just above the lower panel. The pipe clamp must be oriented so the clamp's flat face mates flat to the lower panel to attach at the stud. Slide the clamp down between the lower panel and the leg and rotate the mounting hole of the clamp onto the threaded stud, then loosely twist on a $\frac{1}{4}$ -20 hex locking nut at each side of the lower panel (Details C & D).
10. Repeat steps 7 and 8 to install the lower panel to the other side. Keep all screws and nuts loose to ease shelf installation later on (Figure 3, Details B, C & D).

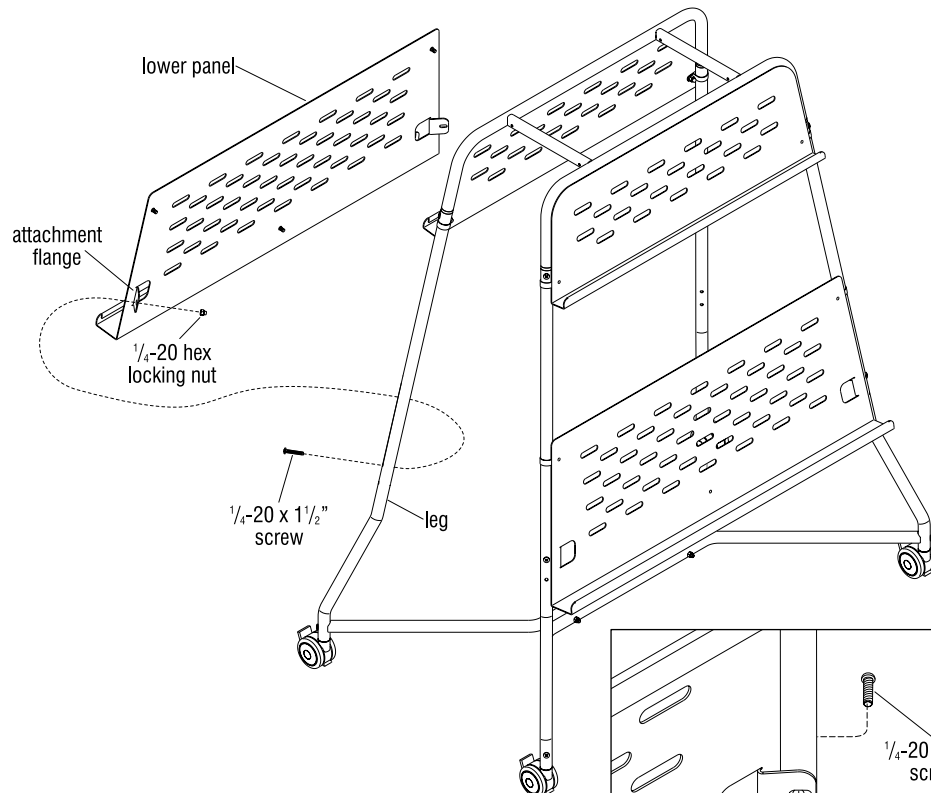
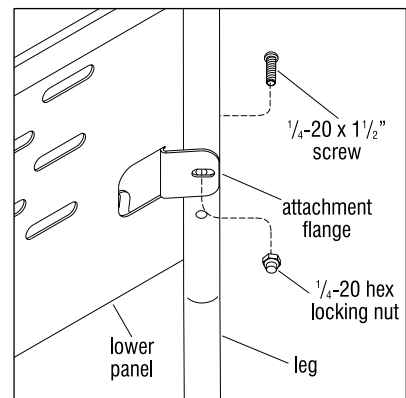
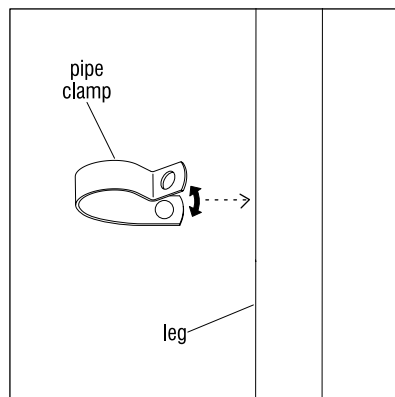


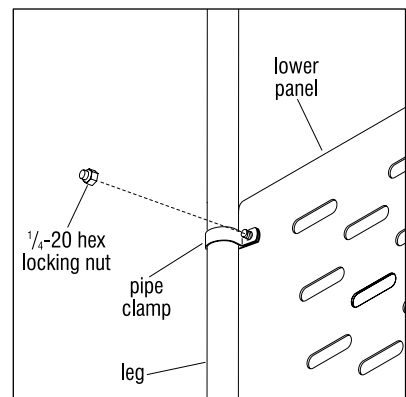
Figure 3



Detail B



Detail C



Detail D



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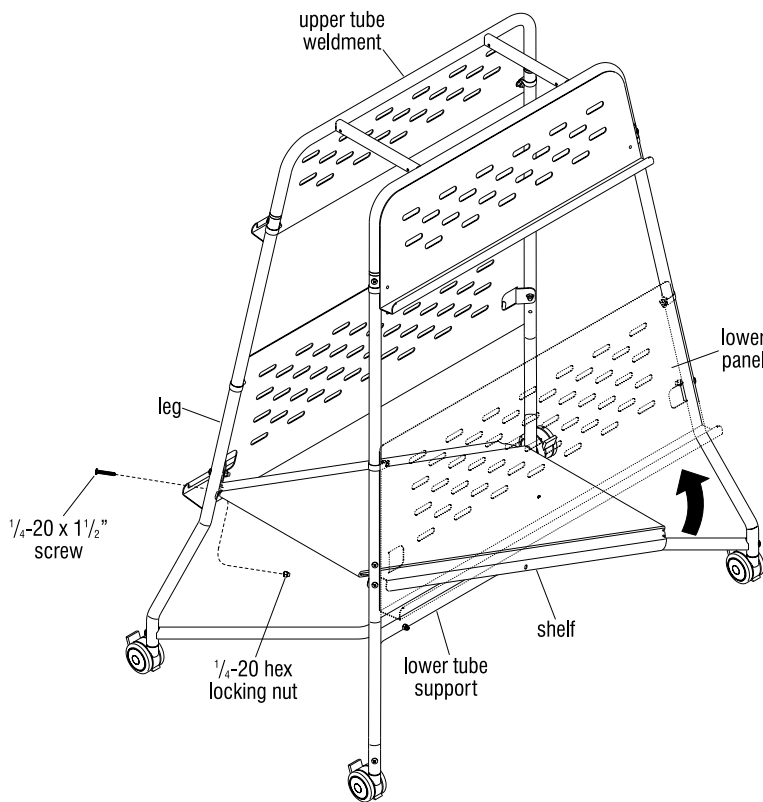
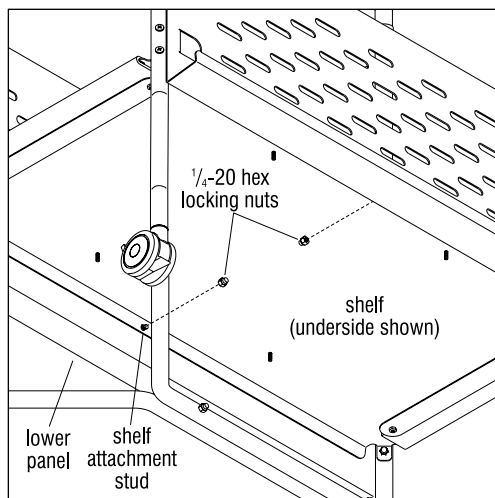


Figure 4



Detail E

11. Before assembling the shelf, determine if it will be equipped with tote storage. If so, proceed to page 4, "Tote Storage Installation" to install tote storage rails, then return to Step 12. If no tote storage is used, proceed to the next steps below.
12. To assemble the shelf, place the shelf in the middle of all four legs, with hardware in hand (Figure 4).
13. Lift up one end of the shelf and align the mounting holes on leg with mounting holes on corners of shelf. Insert the screws through the leg and the shelf, then reach underneath and loosely install the 1/4-20 hex locking nuts finger-tight (Figure 4).
14. Lift up the other end of the shelf and rotate it toward the horizontal position. While rotating, flex out on the bottom, middle of both lower panels to allow the inward facing shelf attachment studs at the center of both lower panels to insert into the center mounting holes of the shelf. Twist a 1/4-20 hex locking nut onto each center stud in the shelf (Figure 4 & Detail E).
15. At the unattached end, assure that the mounting holes of the legs align with the holes in the shelf end and insert a 1/4-20 x 1 1/2" screw through each leg and shelf, then twist on 1/4-20 locking nuts to the two screws (Figure 4).
16. Go back and tighten all six nuts with a 7/16" socket or nut driver as well as all eight 1/4-20 hex locking nuts on the lower panels (four on each side), and the four locking nuts of the upper tube weldment (two on each panel) (Figure 3, Details B, C & D on page 2 and Figure 4 & Detail E on this page).



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Tote Storage Installation

1. Flip the un-installed shelf over onto a soft protective surface to access the factory installed #10-24 hex locking nuts (Figure 5).
2. Remove hex nuts and discard as they will not be re-used (Figure 6).
3. Locate and identify the left-hand and right-hand slide rails, then orient them as illustrated with larger openings facing away from center of shelf. Install onto threaded posts and support plate with eight supplied #10-24 hex locking nuts (Figure 6).
4. Use a $\frac{3}{8}$ " socket or nut driver to tighten the hex nuts.
5. Proceed back to install shelf following steps 11 through 16 on page 3. Once installed, storage totes can be installed into the slide rails as illustrated (Figure 7).

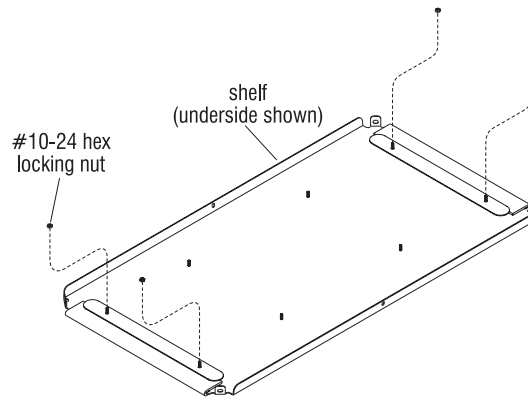


Figure 5

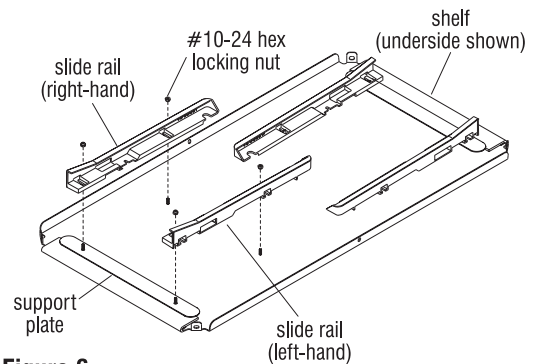


Figure 6

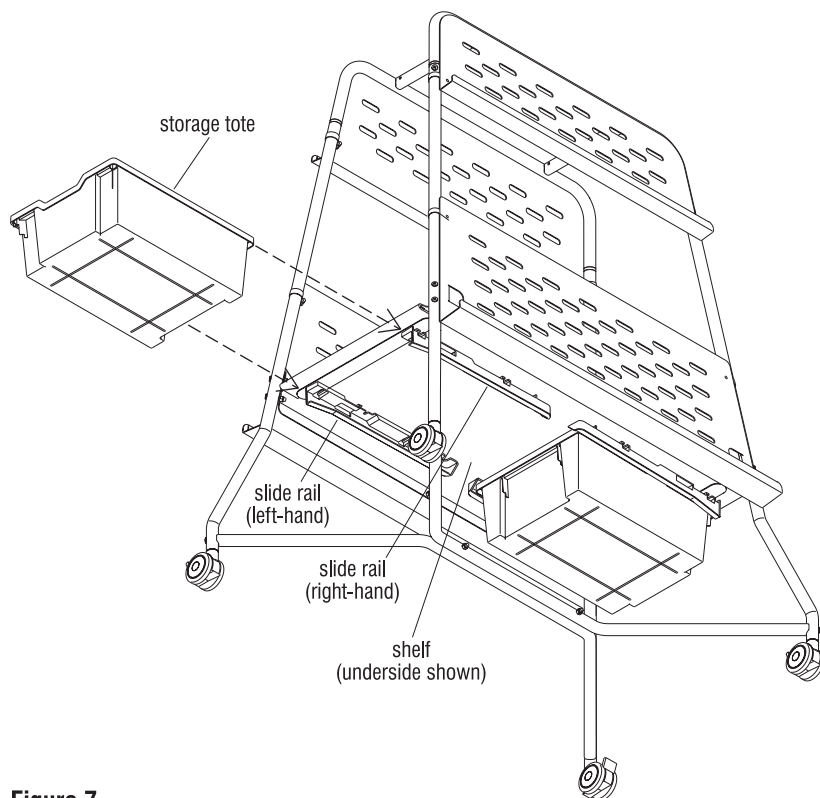


Figure 7