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Wedgit!

Wedging Table Assembly Instructions

November, 2016

TOOLS NEEDED FOR ASSEMBLY:

Two 9/16 wrenches (Sockets, if available, will be faster and easier.)
3/16 hex key or "Allen wrench" (Included)

IDENTIFYING THE PARTS

The Wedgit wedging table is shipped in two cartons. One of the cartons contains all the table frame parts, the hardware kit, and the cut wire sub-assemblies and hardware. The cut wire assembly instructions are included with the cut wire installation kit. *The cut wire will be installed after the assembly of the wedging table.* The other carton contains the canvas covered table top and the two pieced bottom shelf.

Familiarize yourself with the parts identification information in figure 1 & 2. The table frame is composed of 4 Table Legs, 4 Top Rails that support the canvas covered table top, and 4 Bottom Rails that support the two pieced bottom shelf.

Page 2 lists all the hardware needed to assemble the table frame. Also included in a separate package, is all the hardware needed to attached the canvas covered top to the frame.

Fig. 1

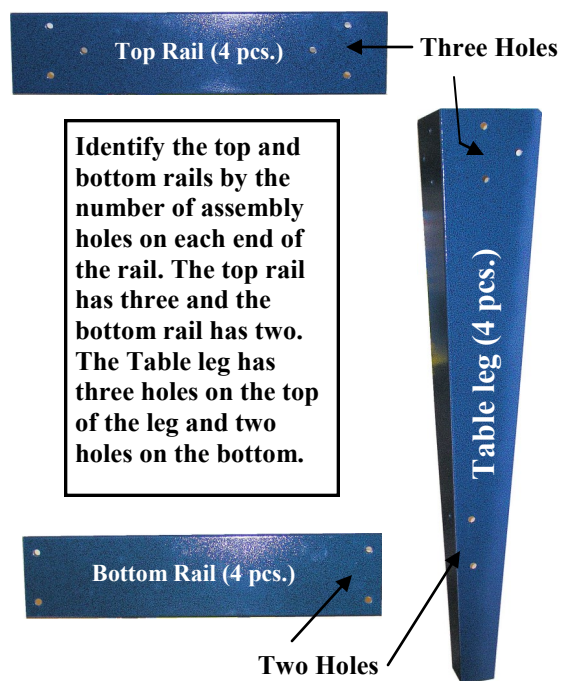
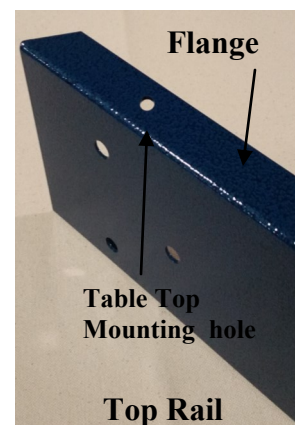



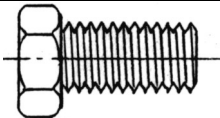

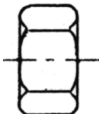
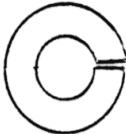


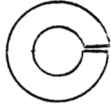
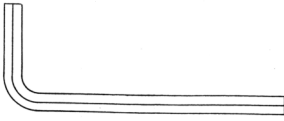
Fig. 2

Identify the table top mounting hole on the flange of the top rail near the three hole pattern. This hole position is duplicated at the other end of the rail.



Hardware Package Contents

Illustrations below are about actual size unless otherwise noted.

Top view	Side view	Description	Number	Used
		3/8-16 x 3/4" hex head bolt	40	with the following nuts and lock washers to fasten rails to legs.
		3/8-16 hex nut for above bolt	40	with above.
	N/A	3/8" lock washer	40	with above
		1/4-20 x 3/4" socket cap screw	8	with the following two items to fasten the table top to the frame
	N/A	1/4" lock washer	8	with screw above.
N/A	N/A	1/4" flat washer	8	with screw and lock washer above.
N/A		3/16" short arm hex key (not to scale)	1	for cap screw above.

NOTE: All these items can be replaced at any hardware store. The standard nomenclature is that given in the "Description" column.

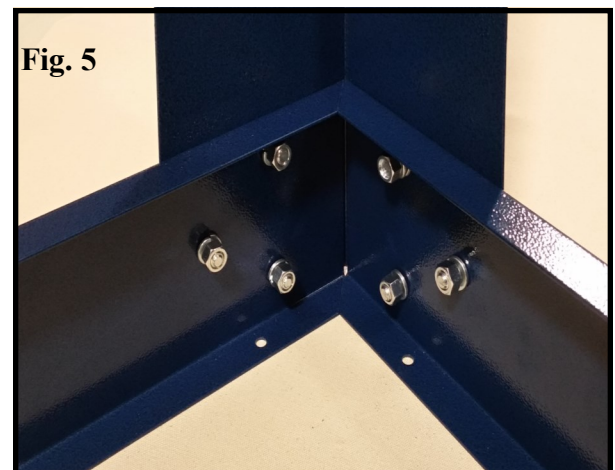
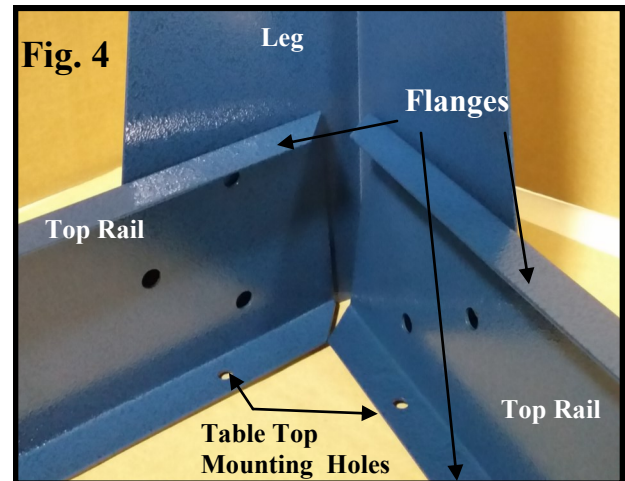
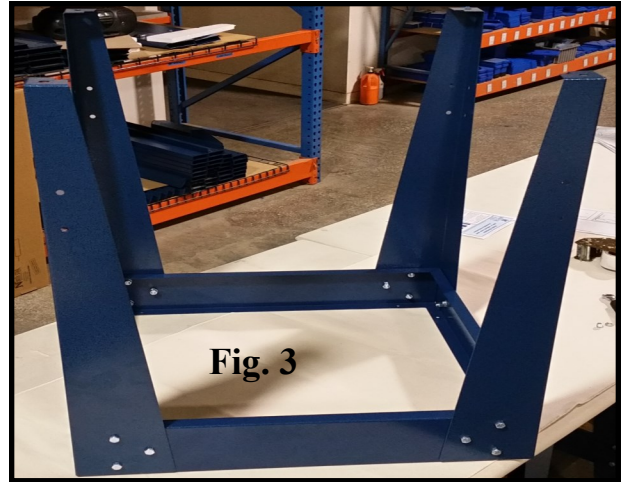
Assembly

For ease of mounting the table frame to the canvas covered table top, the wedging table should be assembled upside down. Assembly will be easier if the table frame can be assembled at waist level on a sturdy work table or bench. See Figure 3.

STEP 1: Figure 4 shows the positioning of the top rails and leg prior to assembly. Note the position of the top rails with respect to the table top mounting holes. These holes should be in the down position.

STEP 2: Align the three holes on the top of the leg with the three holes on one of the top rails. Using three (3), 3/8-16 x 3/4" hex head bolts mount the rail to the leg. Push each bolt from the outside of the leg, through the leg and through the top rail. Install the 3/8" lock washer and a 3/8" nut on each bolt. Finger tighten only, (You will need the wiggle room when installing the frame to the table top). Install the other top rail to the other side of the same leg. Again, note the position of the table top mounting hole, it should be in the down position. finger tighten only. Your assembly should resemble the configuration in Figure 5 when complete.

STEP 3: Mount the other three legs to the remaining top rails in the same manner as in step 2. It is OK if the intersecting tips of the flanges overlap a little. The assembly should resemble the configuration in Figure 3 when complete.



Assembly Continued

The canvas cover has been installed on the birch plywood table top at the factory for your convenience. See Figure 5 .

To ensure a suitable flat surface for wedging, the cover was designed to be adjusted. The design incorporates a number of Velcro tabs that can be detached, pulled, and reattached to stretch the canvas. These readjustments can be made whenever the wedging surface becomes loose over time . This should not be required within the normal life of the cover. The tension of the canvas is also held in place by the table top being mounted to the frame.

Since the cover is not permanently attached to the top, the cover can be replaced when it becomes worn. Replacement covers can be ordered from North Star.

STEP 4: Before assembly, check the canvas tension on the wedging side of the canvas cover. If needed, adjust the canvas tension by adjusting the Velcro tabs.

Keep the canvas cover clean during assembly. Place a section of clean cardboard or plastic down on your assembly surface. The plastic cover that your table top came wrapped in is a good choice.

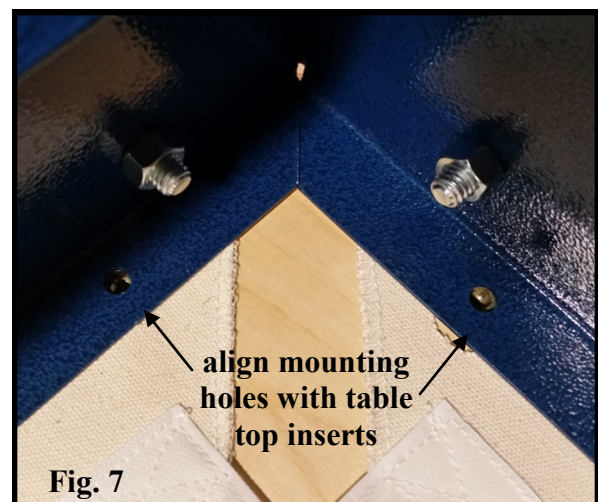
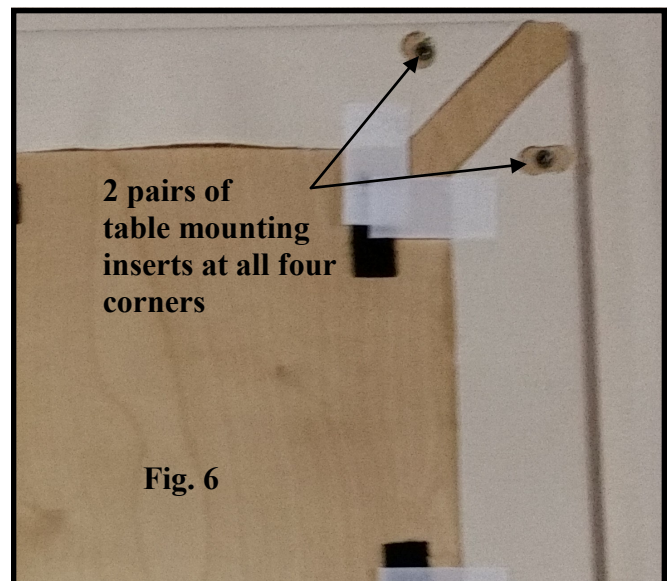
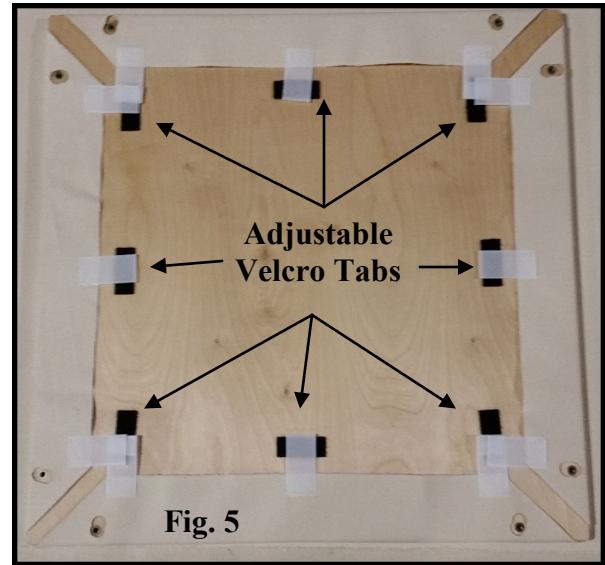
STEP 5: Position the canvas covered table with the Velcro tab side facing up. See Figure 5.

STEP 6: Note the two pairs of table top mounting inserts at all four corners of the table top. See Figure 6.

The mounting holes on the flanges of the top rails of the table frame should align with the placement of these inserts.

See Figure 7.

STEP 7: With the help of another person, place the assembled table frame on top of the canvas covered table top. Align the mounting holes with the table top inserts at all four corners. Since the frame bolts have not been tighten, the top rails can be adjusted slightly to ensure positioning.



Assembly Continued

STEP 8: Select a 1/4-20 x 3/4" socket head cap screw and slide on one 1/4" lock washer, and then one 1/4" flat washer. Insert the screw into one of the inserts in the table top. Slowly start turning the screw until only a few threads are engaged. You may need the wiggle room to keep the mounting holes aligned. Do not tighten the screws at this time.

STEP 9: Repeat step 8 for the remaining locations. Make sure to maintain your alignment to avoid any cross threading of the screws. See Figure 7.

Using the 3/16" hex key, now tighten all 1/4"-20 x 3/4" cap screws holding the table top to the frame. Do not over-tighten these screws or you run the risk of pulling the inserts from the wooden top. Tighten enough to compress the lock washer and then only 1/2 turn more.

STEP 10: Install the remaining bottom rails on the legs using the remaining 3/8-16 x 3/4" hex head bolts, lockwashers, and nuts. See figure 8.

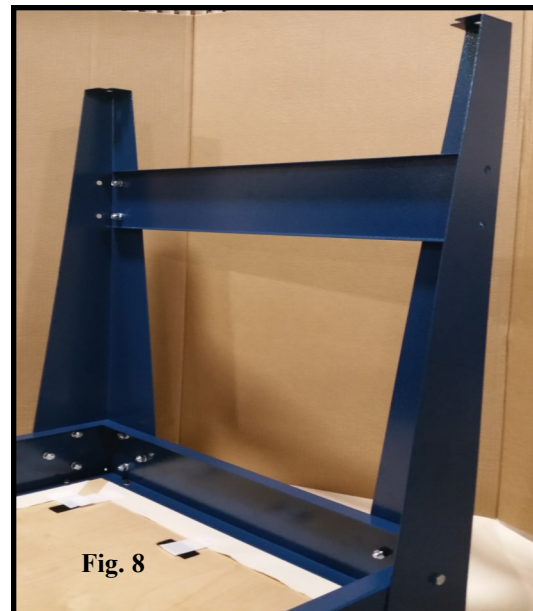
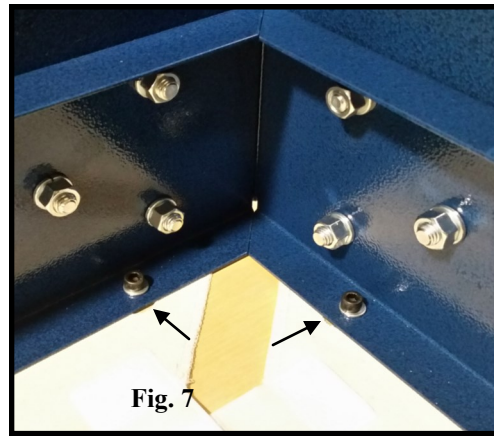
STEP 11: Now tighten all 3/8-16 x 3/4" hex head bolts mounting the top rails, and the bottom rails to the legs.

The assembly of the table frame and table top is now complete.

STEP 12: With the help of another person rotate the wedging table and place on the floor in an upright position.

STEP 13: To install the bottom shelf, slide one half of the shelf into one side of the lower frame up against the legs. The puzzle piece side should be facing the center. Repeat this process with the other matching side of the shelf. The bottom shelf is trapped in this recess formed by the legs. No further assembly is required. See Figure 9.

STEP 12: To install the cut wire, see the assembly instruction that came with the cut wire kit.



Maintenance and Other Information

Storage and Placement :

The bottom shelf of the wedging table was designed to store bulk clay which helps to stabilize the wedging table during wedging. Do not exceed 300 pounds of storage weight on the lower shelf.

The wedging table is inherently stable and should not require any special stabilizing in your studio or classroom. If needed, the wedging table can be permanently mounted to a wooden floor by using the bolt holes at the bottom of each leg and the appropriate hardware. If not permanently mounting, the use of anti-skid pads can be mounted on the bottom of each leg to help prevent sliding on slick floors.

Canvas Maintenance :

The canvas cover will accumulate dried clay over time. Heavy clay residue can be brushed away when dry, with a stiff non-metallic bristled brush. Clay dust can be removed by blotting with a moist sponge. Replacement canvas covers are available at North Star.

