

## Orgelkit Assembly Instructions

### Assembling the Frame:



Gather two frame ends and 7 cross bars



Plug in the cross bars into the left end frame

Match the numbers on the pieces



Fit the right end frame onto the other ends of the cross bars (don't forget to match the numbers)

Lay the frame face down (logo facing down)



Grab the reservoir

Slide the reservoir down into the bottom part of the frame, window facing down





Two holes on the bottom should line up with the pins on the frame

Slide the reservoir onto the pins and screw in the bottom thumbscrew



Grab the L-shaped wind channel

Slide the cross bracket onto the bottom thumbscrew then screw in the top thumbscrew firm but not too tight



Pull the frame upright. From the back, it should look like this

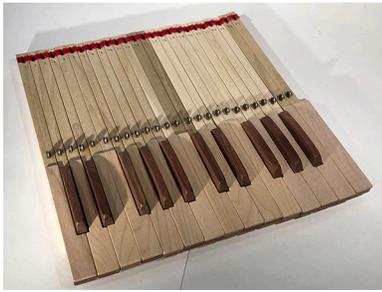
Add in the metal noodle pins to lock the frame parts together



Noodle pins for the front, too.

Note: You'll find the noodle pins and thumb screws stored inside the little plastic tub in Module 8.

## Installing the keys:



There are 25 note keys

Each one has a number at the top



Each key slides onto a metal pin at the top and bottom

Each first and last keys slide onto a tall pin at the top



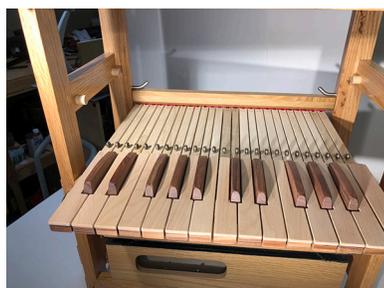
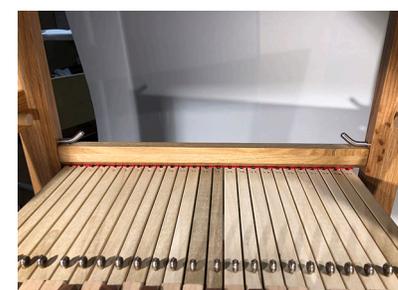
When all 25 keys are installed in order, it should look like this

Here's what it looks like from the front



Slide the small crossbar onto the tall pins, tapered side down. Don't forget to match the numbers!

Add the noodle pins and you're done.



It should look like this.

## Installing the wind chest:



This is the wind chest. It has a clear front so you can see the valves inside.

Slide it down into the top part of the frame with the clear window facing forward.



Connect each hook to the black loop on top of the key below.

Now, when you press a key, it pulls open a valve in the wind chest to give air to its pipe on top.



## Installing the upper wind channel:



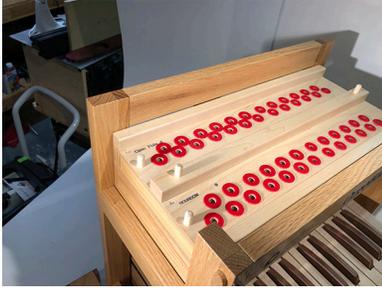
Find the straight wind channel that connects the reservoir to the wind chest above.

Install one thumbscrew next to each air hole.



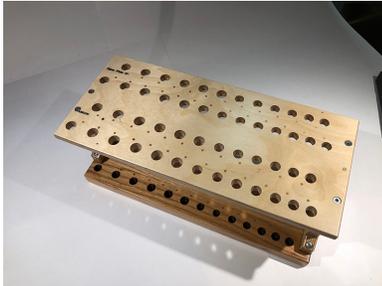
Slide the wind channel onto the thumbscrews and add the other thumbscrews, snug, but not too tight.

## Installing the pipes:



The top of the wind chest looks like this. The holes feed air to the pipes

Install the sliders that open and close the ranks of pipes. Don't forget to match the numbers.



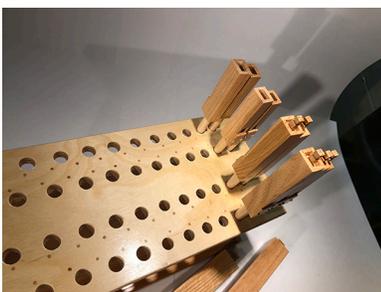
Now find the pipe rack. It holds the pipes that sit on top.

Notice that there are two sets of holes labeled "Open Flute 4" and "Bourdon 8".



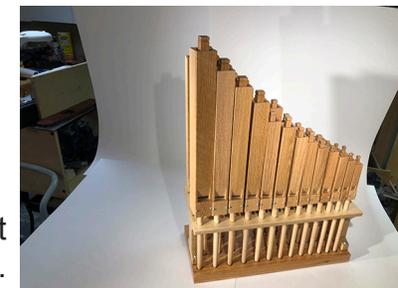
The two pipes look very similar. Bourdons have a stopper on the top, while Flutes are open.

Each pipe has a number stamped on the back.



Start loading the pipes in their rows. Start with #1 at the left near the name. The pipe openings should face outward.

When you're done it should look like this.



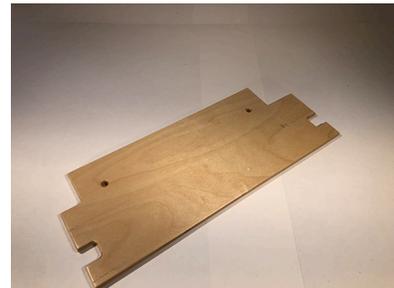
*Carefully* lift the entire assembly and place it on top of the wind chest.

# Attaching the Bellows:



The bellows provides wind for the pipes. It looks like this.

A plate holds it in the right position. Notice the two holes.



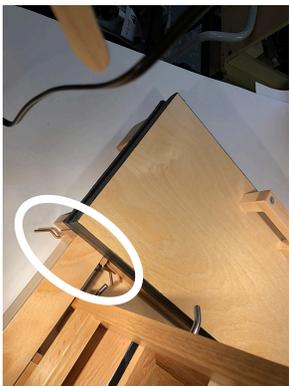
Two pins on the bottom of the bellows fit into those hole.

When they're together they look like this.



The other side of the plate has notches for the legs of the frame.

When they're together they look like this.



When both ends are together, the end of the L-shaped wind channel should fit against the bellows opening with the wire latches.

Lock the latches by twisting them upwards.

