



QUESTIONS?
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VERSION: 2.0

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1) Opening The Machine

The tools you will need:

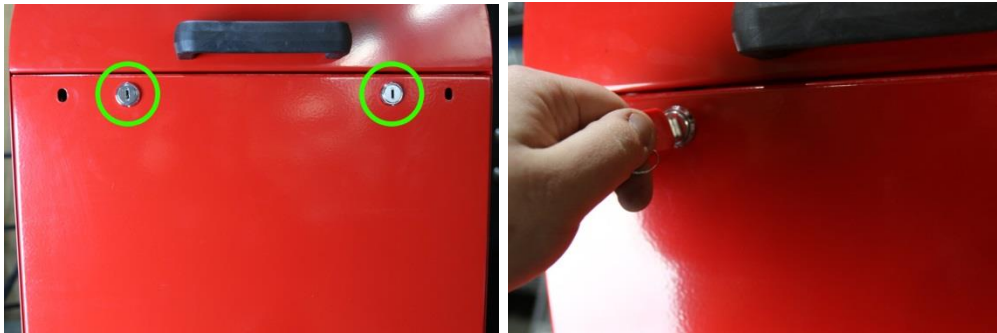


1: 5/16 Socket with extension (recommended) or a 5/16 wrench

1: Phillips Screwdriver

Step 1:

Use your set of vending keys to open up the two tubular locks on the back of your 4D Tattoo Tower. Once both locks are loosened the back will open up



Step 2:

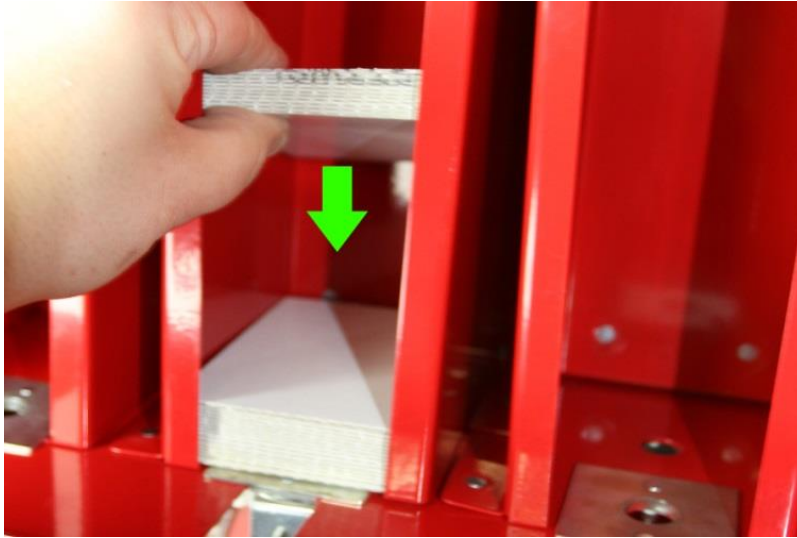
As soon as you open the back you should see the coin tray. This slips right out just make sure when putting it back you align the bolts to their proper grooves so it fits snug.



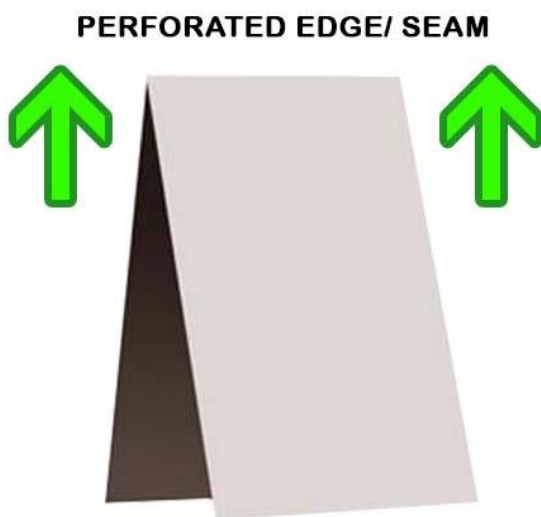
II) Filling the Machine

Step 1:

Load up the tattoo cardboard sleeves into the chutes, sliding them in from the top.



Note: Make sure the cardboard sleeve's perforated edge/ seam is facing the front of the machine. Otherwise the sleeve can get caught.



Step 2:

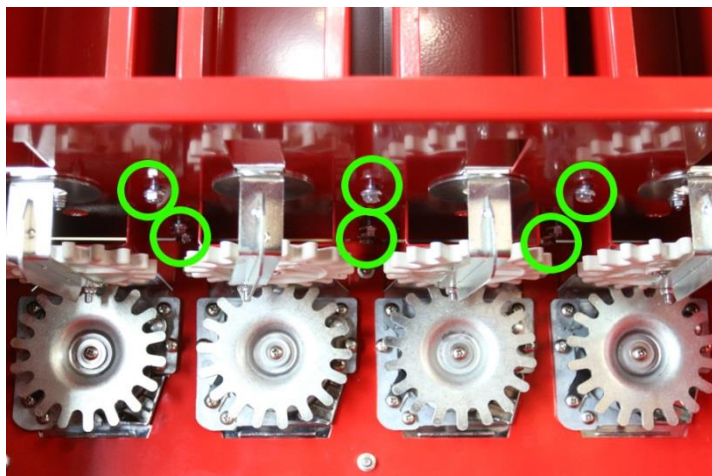
Once the chutes are loaded with the cardboard sleeves place the weights on top of each chute. These weights keep the product moving and once the chute is empty the bolt drops down stopping the process of accepting vends. **So don't tighten the nut on the weight it needs the slack to function.** Once all the weights are in you are now ready to vend,

**Troubleshooting Tip:**

If the cardboard sleeves are not dispensing correctly, Such as dispensing two sleeves or one and a partial sleeve you may need to adjust the height bar located on the back of each chute.

Step 1:

The first step is to loosen the chute nuts corresponding to the chute that is not dispensing correctly. They are located under the shelf. Each chute has three nuts to remove in order to pull the chute out.

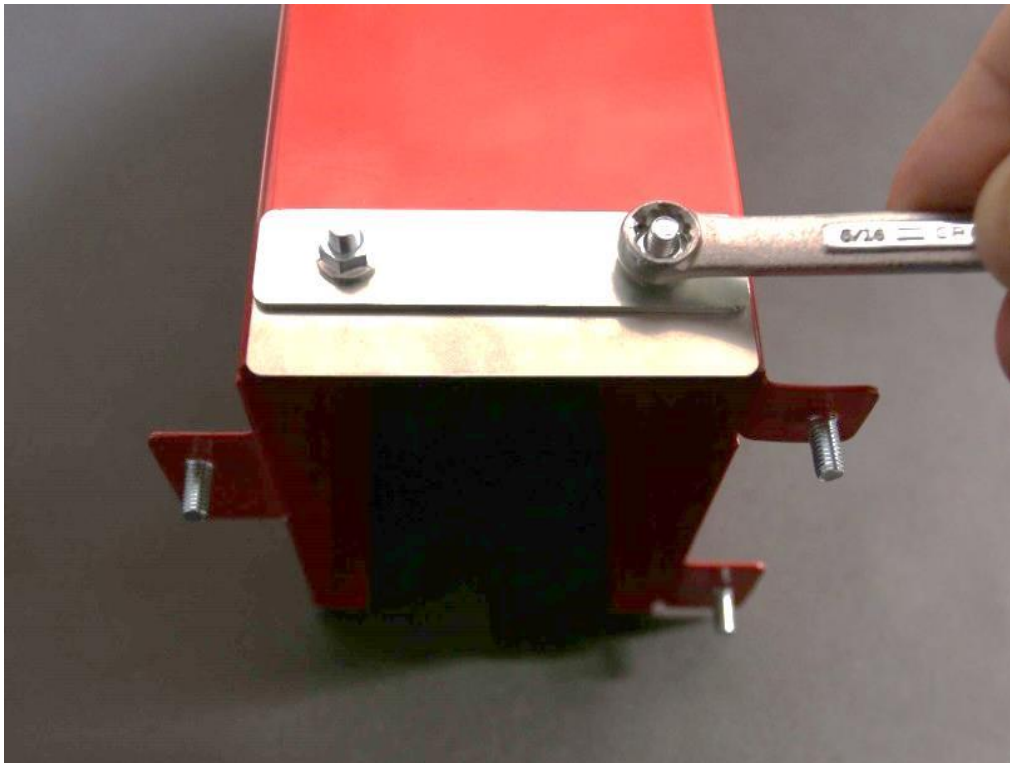


Step 2:

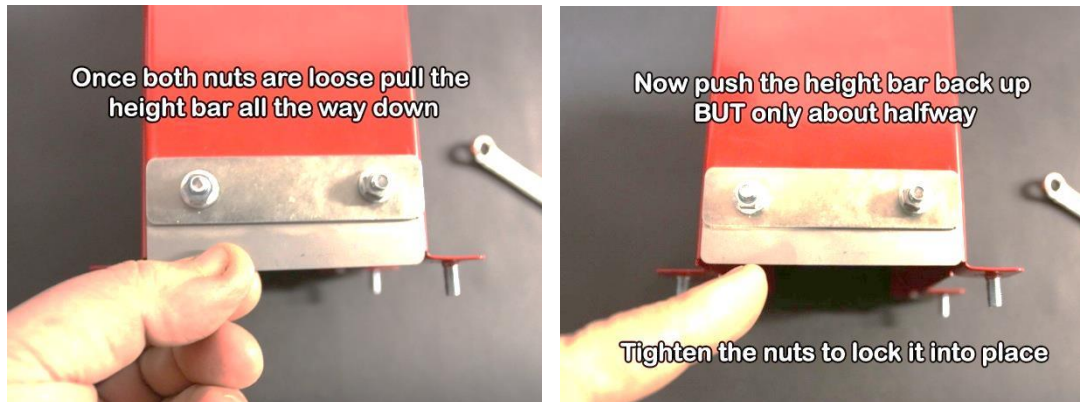
Once you loosen the three nuts for the troublesome chute remove the chute and find the height bar located on the back of each chute.

**Step 3:**

Loosen the two nuts in order raise or lower the larger back plate. It might need to be wiggled a bit as they get stuck together.



Note: I find the best way to find the height bar's "sweet spot" is to drop the bar as far as it can go then raise it halfway up and tighten.



Step 4:

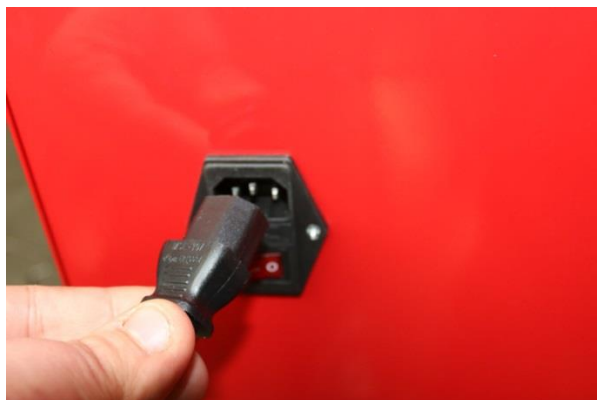
Place the chute back into the machine before you tighten it all up make sure to try vending a cardboard sleeve to make sure it is vending correctly. If not may need another adjustment of the height bar. Once you find the correct height simply tighten the 3 nuts to lock the chute back in.

III) Turning Machine On

Step 1:

To turn on your 4D Tattoo Tower simply attach the power cable to the back of the tower.

Note: The machine uses a Standard Computer Power Cord (North American Plug) NEMA5-15P to C13



Then flip the power switch underneath the power cable. The machine will start and automatically begin playing the 4D Tattoo Tower video.



Troubleshooting Tip:

If the monitor isn't turning on and it's plugged in here are some tips you can try. First make sure the machine is plugged in internally.

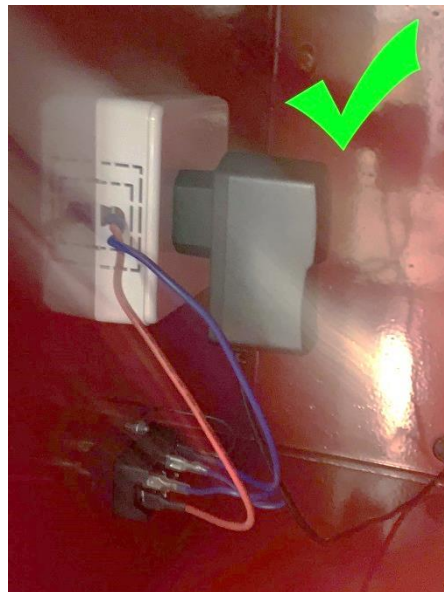
Make sure the power supply is plugged into the back of the video monitor. Try hitting the power button on the back of the video monitor.



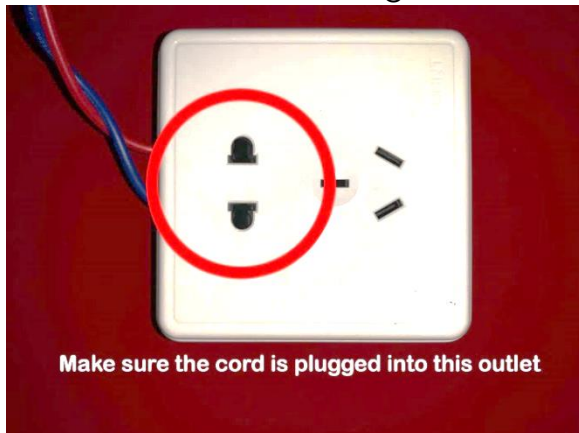
Also make sure that the power cord is connected to the main power. Carefully lay the machine down flat on the ground.



Look underneath the machine.



Make sure the other end of the monitor's power supply is plugged into this white outlet. It's a European socket so make sure to plug it into the outlet shown in the bottom diagram.



IV) Video Monitor

Once the machine is powered on, the video monitor will start up and play whatever videos are stored on the USB plugged into the monitor automatically.



There are some additional buttons on the back of the monitor. Such as volume up, volume down, play/pause, menu, power, and skip track buttons. Alternatively, it is easier to use the remote provided then using these buttons. **Refer to the monitor's user manual for more info and details.**



If the video monitor needs to be replaced you will need to remove the video monitor. Simply unscrew the four nuts that hold the monitor plate in place. There is a nut on each of the four corners.



Once the entire plate pops out simply pop the monitor out and replace with the new monitor and once again tighten the 4 nuts.

v) Insert Product Displays

Step 1:

On the front of your 4D Tattoo Tower unscrew the 3 screws on the display bar.

Note: *Open up the back because there are nuts attached to these screws and they will fall once you pull these screws out.*



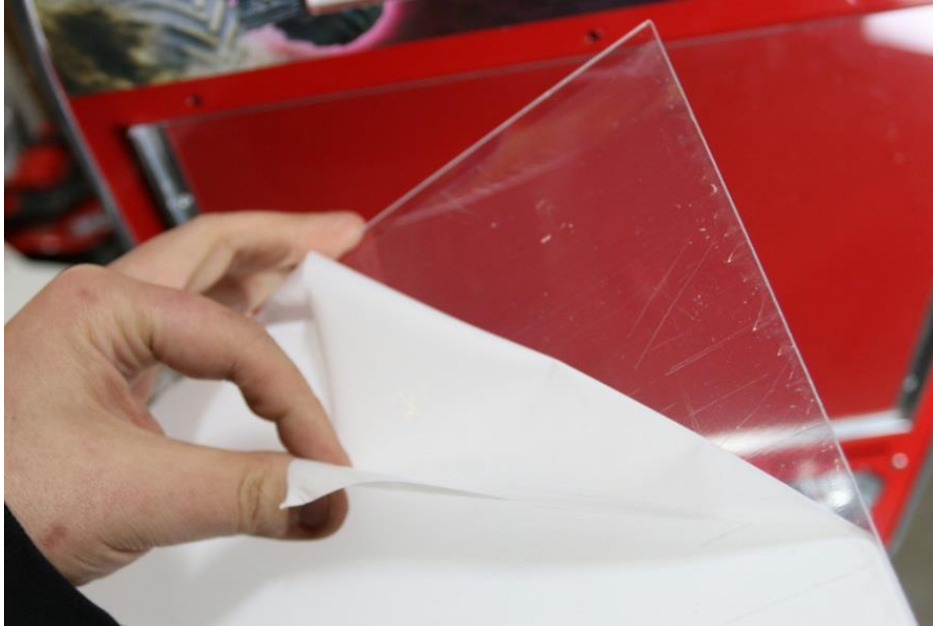
Step 2:

Once the display bar is removed pull out the first piece of plexiglass.



Step 3:

Now remove the protective film on both the front and back of the plexiglass.



Now insert the plexiglass back into the 4D Tattoo Tower.



Step 4:

Now you can slide the product displays in-between the 2 pieces of plexiglass, making sure to align the proper display with the correct product chute.

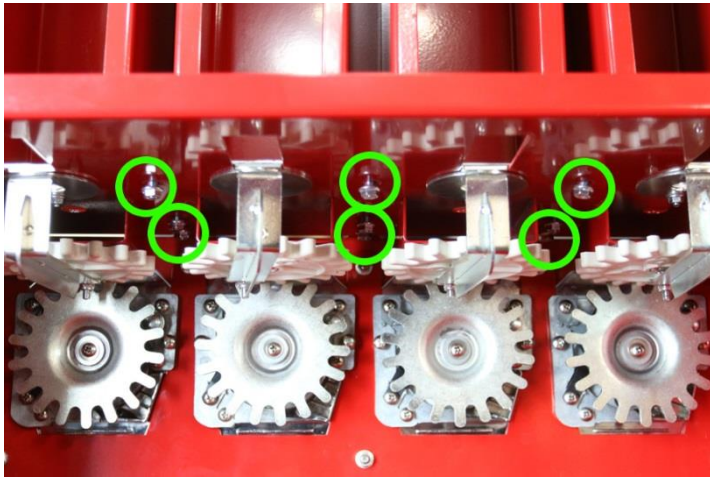


Now you can place the display bar back along the top of the plexiglass and reattach the 3 screws and nuts.

VI) RePlacing Plastic Gear

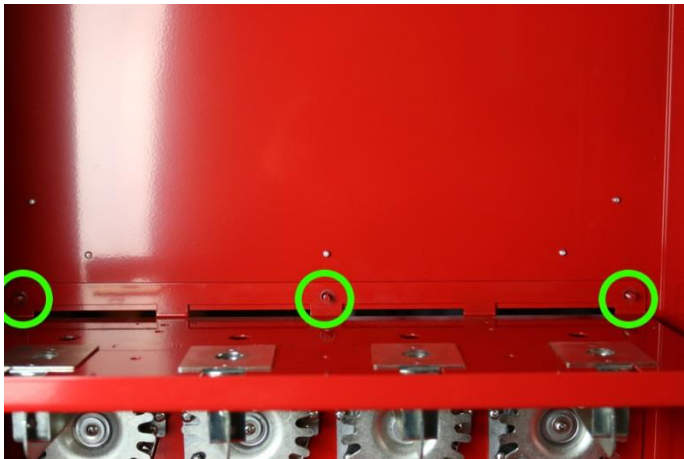
Step 1:

The first step is to loosen the 12 chute nuts located under the shelf. To remove the shelf this way you will need a 5/16 socket with a long extension to reach the three nuts in-between the chutes. I recommend just removing the 4 chutes completely by as to not add any tension to the machine.



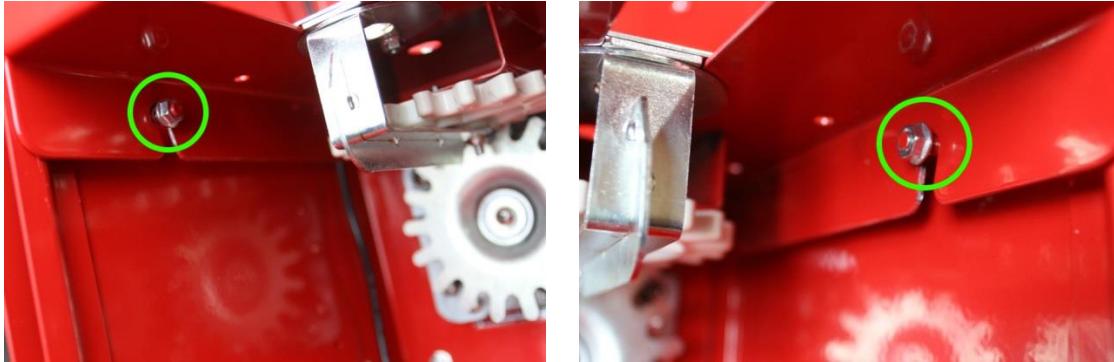
Step 2:

Once the 4 chutes are removed. You can now easily reach the 3 nuts that were in-between the chutes.

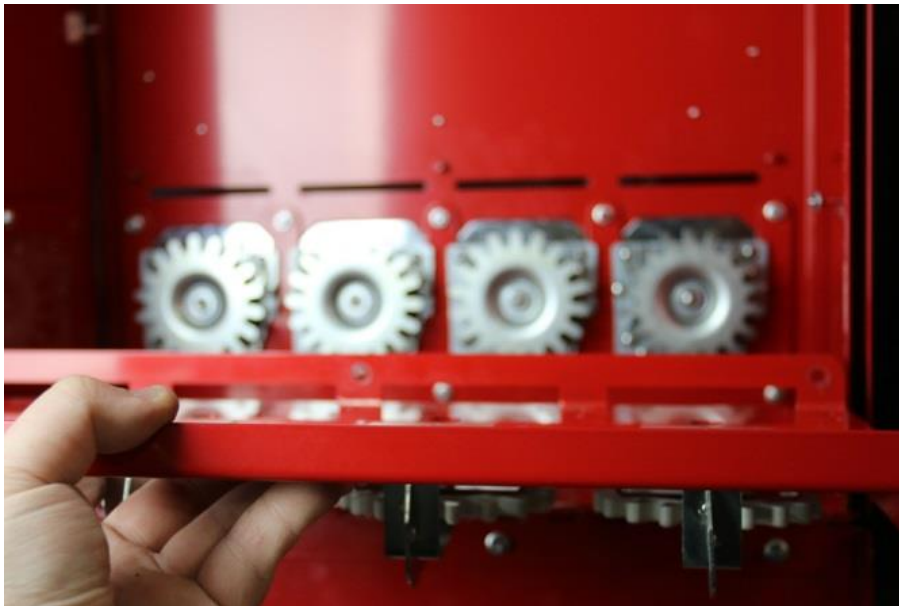


Step 3:

Also loosen the two side nuts underneath the shelf so we can pop the shelf up.

**Step 4:**

Now you can remove the entire gear shelf out of the machine.



Troubleshooting Tip:

Once the shelf is removed you can make a small cut on the shelf this will allow the shelf to be removed as one piece allowing you to remove this shelf in the future without needing to remove all the chutes and saves you from removing the 12 nuts from Step 1. **This is an optional step you can skip to Step 5 on page 18 if you don't wish to make this cut**

Step 4A:

Turn the shelf on its side as shown. Take a marker and make a cut line



Step 4B:

Use a cutting tool, like a Dremel to cut along the mark you have just made on the side of the tray (takes only a few seconds). Once you have cut off the first piece, use a file to remove any sharp edges that may have been left behind.

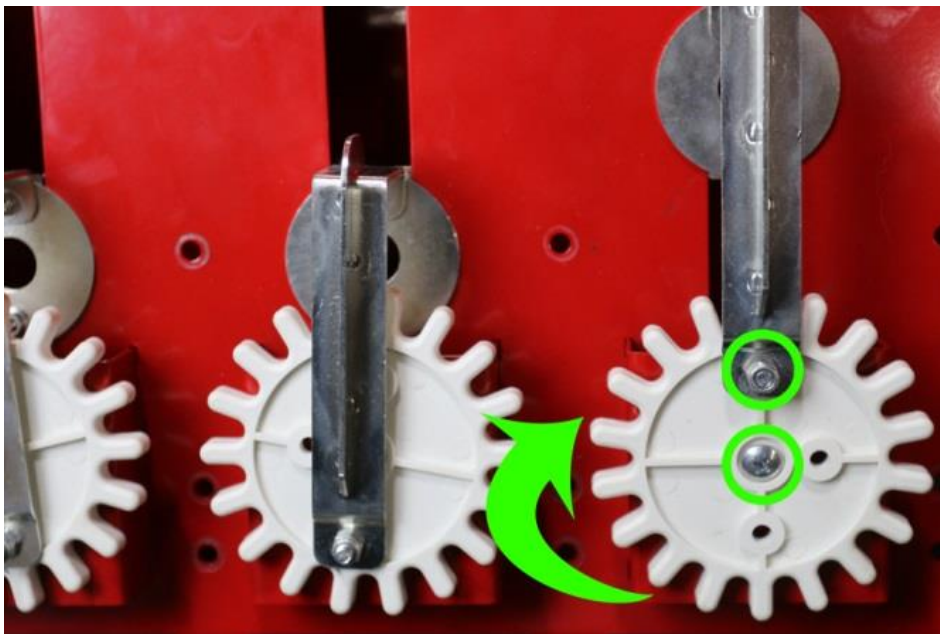


Step 4c:

Use the piece of metal you have just cut off as a template for the opposite side, meaning it will be nearly identical cuts. After you have cut the opposite side, file all edges. Use a red touch up paint to tidy the cutting edge.

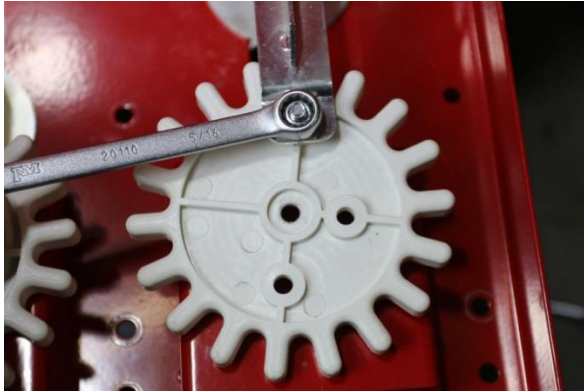
**Step 5:**

Now underneath the shelf you will see the plastic gears. Turn the gear to reveal the center screw. Then remove both the screw and the nut shown.



Step 6:

Now you can remove the entire gear shelf out of the machine.

**Step 7:**

Replace with the new gear and reassemble

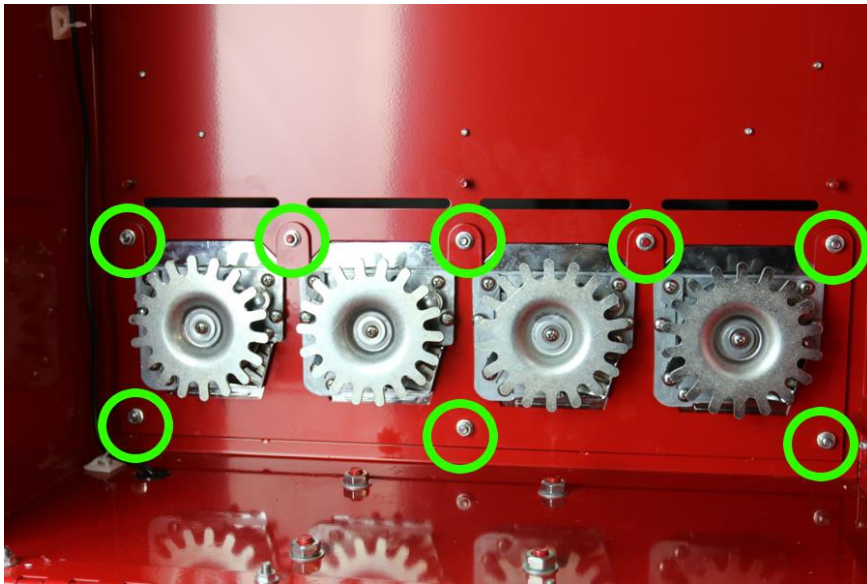


VII) Removing coin mechs

Note: To remove the coin mechs, follow the steps of section VI to remove the shelf.

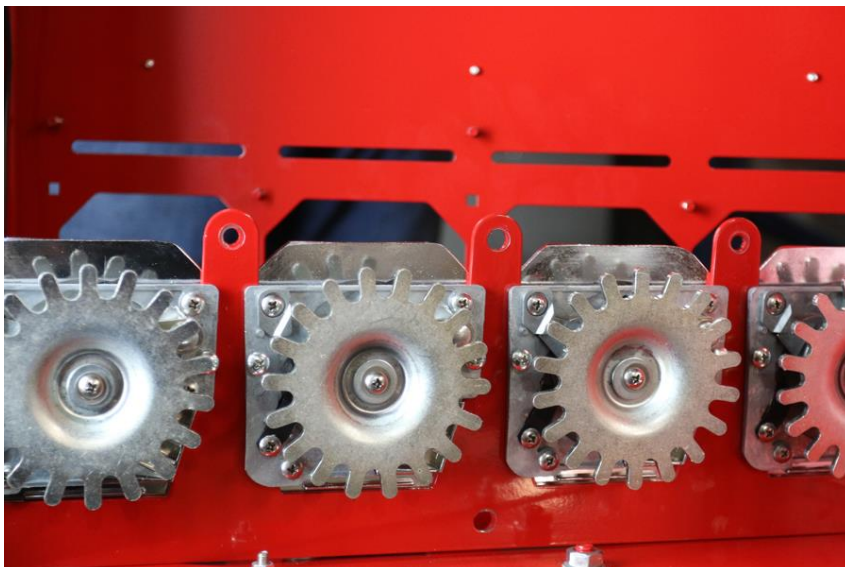
Step 1:

Once the shelf is removed remove these 8 nuts and bolts.

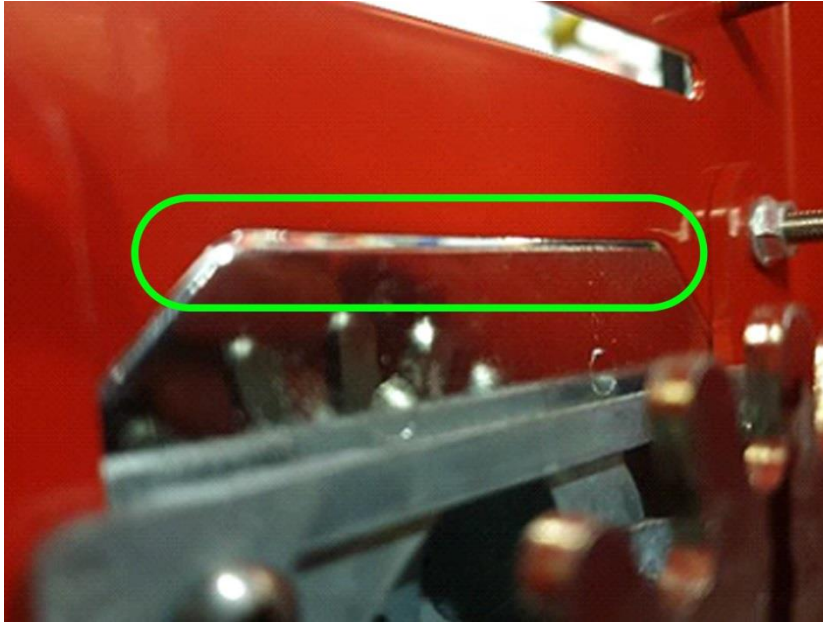


Step 2:

Once all 8 bolts are removed all the coins mechs will pop right out.

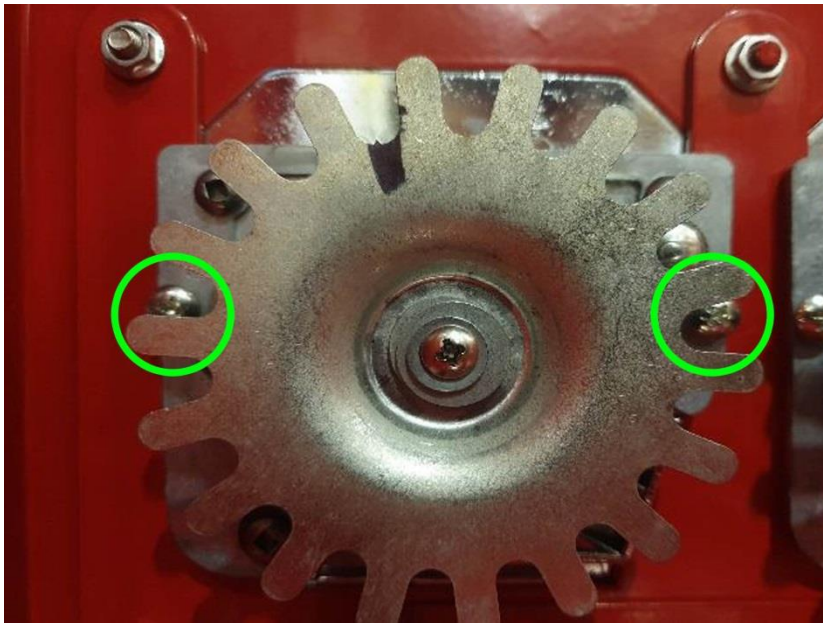


Note: You may need to move the coin mech up if you can see daylight through the little gap



Step 1:

To do this you will need to undo the 2 pinch screws then simply push the coin mech up with your hand and tighten the 2 screws. This will allow better contact between the plastic and metal gears.



VIII) Replacing the Push Plate

Note: To replace the push plate, follow the steps of section VI to remove the shelf.

Step 1:

Once the shelf is removed rotate it 90 degrees and turn all gears so the metal arm is facing straight up to the roof.



Step 2:

Un-screw the two nuts (1 x Locking nut, 1 Standard nut) which hold the arm to the bracket on the plate. Once you have removed both nuts, you can lever the bar slightly, so it isn't attached.



Step 3:

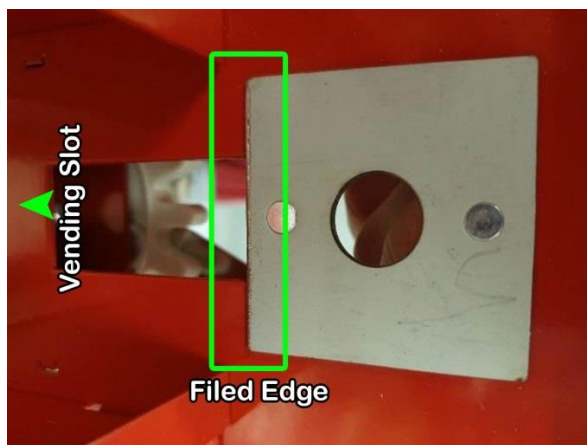
Remove both the circle plate and the square plate on the opposite side.

**Step 4:**

Now replace with the new plate. Make sure that the countersink holes are facing down on the screws. This will allow the plate to sit flush without any movement

**Step 7:**

When placing the new square plate back **make sure the filed edge is facing the vending slot**



Step 8:

When attaching the metal arm, make sure the gear can still turn freely. If the gear now doesn't move, slightly loosen both of the nuts, this will allow more movement in-between the plates.

**Step 9:**

Now you can slip the entire shelf back in and attach all the chutes once again

