

Changing the rolls in the LEDCO Educator Laminator

Note: Attach the exploded view of the machine and the spring pressure settings.

Tools needed:

Allen wrench set
Phillips screwdriver
Flat screwdriver
Small hammer
Eyeglass type screwdriver
Pliers
Small nutdriver (I believe it is ¼ or 3/16ths)

To change the rolls follow these steps:

1. Remove the heat control knob. It will have a small hole in the knurled part that has either a small slotted screw or a small allen screw holding it on.
2. Remove both plastic side covers
3. Remove the sprockets and chain on the left side, the stop collars on the top rolls on the right side
4. Remove the snap rings that hold the gears on the shafts on the left side as well
5. Loosen the pressure spring on both sides until it moves freely.
6. Remove the 2 screws from each pressure bar and slide the bars off of the roll shafts.
7. Remove the top heat shoe. There are 2 screws on each side holding it on. Note the position of the spacers. Keep the spacers in order as one side is different than the other. You will not need to unplug the heat shoe, just wrap it in a towel or something to keep it from getting scratched.
8. Remove the old rolls and insert the new ones. Remember to put the snap ring slots to the left. Center the rolls so the edges match up.
9. Reassemble in the reverse order with the exception of the heat shoe. It is easier to put that on after you have all of the collars and sprockets on so you can grab the rolls and hold them.

Things to remember:

- A. When re installing the pressure bars tighten the 2 screws down and then back them off 1 full turn. The pressure bar needs to be able to move.
- B. The sprockets are different. The smallest one goes on the motor. The largest one goes on the front rolls
- C. Adjust the springs as per the attached directions on spring tension.
- D. When reattaching the heat control knob, turn the shaft all the way counterclockwise until it stops. Then attach the knob with the pointer directly matching the first slash mark on the decal on the cover.

This repair should take about 2 (uninterrupted) hours.