



D A T A G R O U P L L C

Installation 1814-A

Adjusting Rewinder Tension

Why do we do this?

Adjusting the tension on the rewinder is necessary for several reasons. If you are printing Roll-to-Roll mode and the tension on the rewinder is too tight the Afinia L801 Label Printer will not be able to retract the blank labels. This can lead to multiple blank labels being skipped and not printed on. You may also find that if you are printing labels that are less than three inches wide there may be too much tension on the rewinder which can cause orientation issues with the printed artwork in addition to multiple blank labels as well. If you as an end user notice these situations occurring with your Printer and Rewinder setup, utilize the instructions in this document to assist in adjusting the tension in the Rewinder.

Steps to follow:

- Power off the rewinder
- Disconnect the power cord running to the rewinder

Equipment Needed:

- Phillips head screw driver
- Needle nose pliers (Optional)

Directions for adjusting the tension on the rewinder:

Adjusting tension utilizing knob

Located on the rear of the Afinia L801 there is a knob, which is shown in Figure 1 below. This knob will allow the end user to either increase or decrease the tension on the rewinder. Turning this knob clockwise will increase the tension on the rewinder while turning the knob counter clockwise will result in the tension being decreased.

Note that if after adjusting the tension utilizing the knob does not affect the tension enough, utilize the instructions below for further assistance.



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Figure 1

Right side - AC power switch side

1. Confirm power is turned off to the unit and disconnect the power cable from the rewriter.
2. Remove 4 screws on the right side of the rewriter (looking at the rewriter from the front). There are 2 in the front and 2 in the back. (Figure 2)
3. Remove the two screws holding the power switch plate in place. (Figure 3)
4. Once the screws have been removed, move the power switch plate out of the way. (Figure 4)
5. Inside this opening there is a spring and it is attached to one of the screw holes shown below. (Figure 5)
6. Remove the screw. To reach the screw, the plate may need to be moved up. This can be done with the four screws removed from step 1 above. (Figure 6)
7. Once the screw is removed, the spring will only be connected at the top and will no longer be putting tension on the dancer arm.
8. Slide the inside plate back into place at the bottom of the rewriter.
9. Reinstall the 4 screws from step 1.
10. Reinstall the two screws from step 2.
11. Reconnect the power cable.



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Figure 2



Figure 3

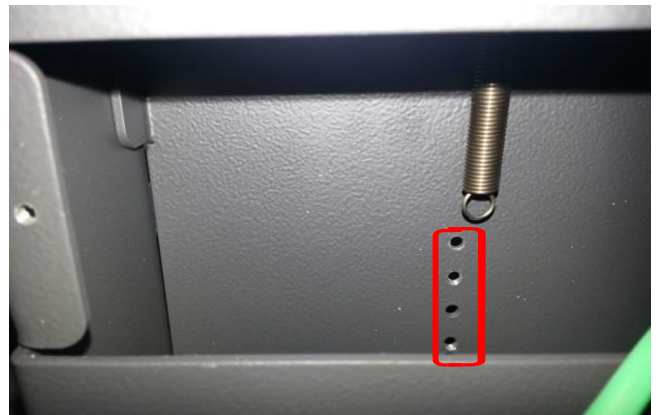


Figure 4



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Figure 5

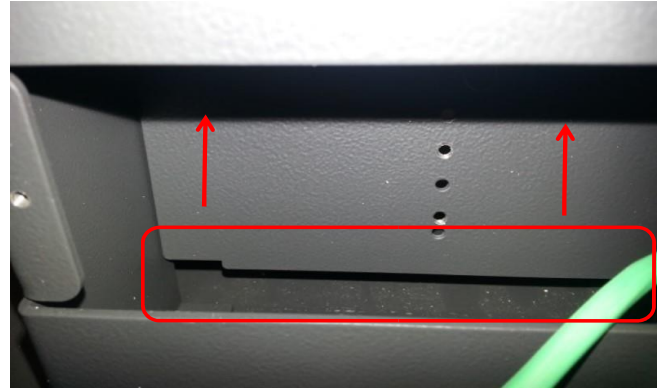


Figure 6

Left side – AC power cable / fuse side

1. Confirm power is turned off to the unit and disconnect the power cable from the rewinder.
2. Remove 3 screws on the left side of the rewinder (looking at the rewinder from the front, Figure 7).
3. Once the screws have been removed, remove the plate
4. Inside this opening there is a spring. Remove the nut at the bottom of the spring. Then remove the spring from the bottom post. The spring will be around a plastic housing (Figure 8).
5. The spring will now be disconnected at the bottom (Figure 9).
6. Replace the cover and install the 3 screws.
7. Reconnect the power cable



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Figure 7



Figure 8



Figure 9