



Three Months Maintenance

This is maintenance that I find easy to schedule the first week in January, April, July and October. If I keep on the same schedule that tax quarters are on, it is very easy to remember. The end of the first week is usually the best for me, but sometimes I have to vary that depending on my schedule. I do this maintenance in conjunction with the weekly maintenance. **Make sure that you turn off your machine for your maintenance.**

Cleaning and Oiling

Remove the cover from your Pantograph. This is the long metal part that you attach your arms to that hold the hoops and the cap driver. Move your pantograph forward. It is much easier to access before you start cleaning.

Brush out any dust or dirt that has accumulated. It also collects a lot of excess oil. This is where my long-handled brush really comes in handy. Wipe out all of the excess oil. After you have finished cleaning the area, turn the machine on and move the pantograph all the way to the left and place 3 drops of oil on the long silver rail. Move it all the way to the right and again place 3 drops of oil on that portion of the long silver rail. Reinstall the top cover.

Turn off your machine again.

Oiling

With the two side covers removed from the Rotary Hook area, oil the Picker and Trimmer Linkages. The trimmer linkage is much easier to reach with these covers removed. This should be done after you have completely cleaned the Rotary Hook assembly. Place one drop of oil inside of the cylindrical arm. There are two locations on my machine for this. Both locations are marked in red. I oil these spots with my long neck oil applicator.

Greasing

The Take up lever, Drive Cam, and Rollers. They are located on my machine in the back of the head. I take a q-tip and apply white lithium grease to the back and underside of these cams and rollers. As the machine is moving from side to side the grease will get inside of the Drive cam.

I have also found a white lithium grease that can be sprayed on instead of wiped onto these areas. I am going to try this during my next 3-month maintenance; it will be easier and less messy. Make sure if you do use the spray that you are not spraying it on too heavy. Protect the other areas of your machine so that you are not spraying grease on areas that should not be covered with the grease. You do not want any of this grease to get on your garments as they are being embroidered.

I did in fact try the spray on grease and it was much easier, but I would advise that at the beginning or end of the year that you use the regular white lithium grease and not the spray on grease. This way you have all bases covered and you are giving your machine a good greasing at the end of the year ready for the New Year to begin!

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