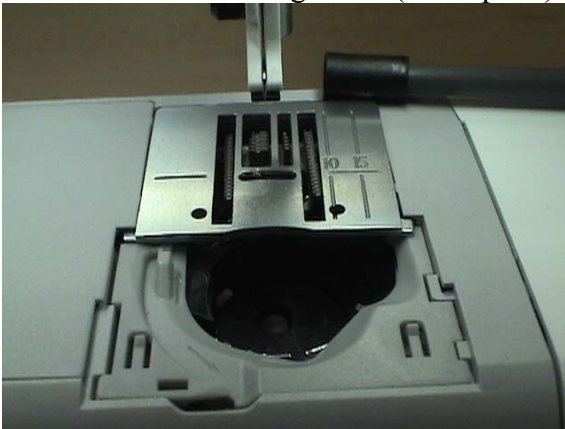


## Maintaining Your Machine By Linda Clegg

*Pictures by Jan Henning*

As a former service tech, I can tell you that many problems can be avoided by frequent home cleanings and regular dealer maintenance. If you do this every day, you can keep your machine clean by developing a daily maintenance program.

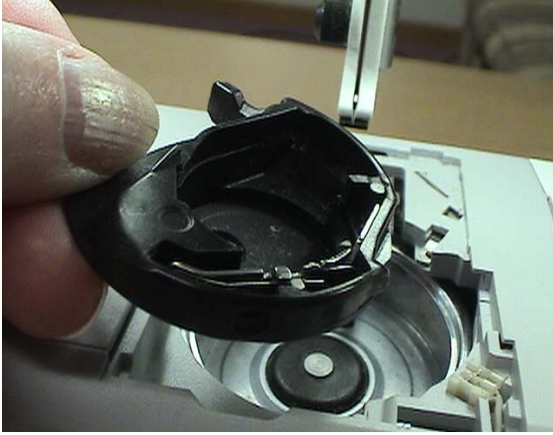
1. Remove the needle from the machine. This is for your safety! If you have been sewing with that needle for the entire day **THROW** it **AWAY!**
2. Remove the bobbin case cover
3. Remove the bobbin
4. Remove the feed dog cover (stitch plate)



Notice the tool at the top right. This came with your machine. The little piece on the non brush end was separate and you had to push it firmly onto the end of the brush. You put the tab into the slot and pull the tool towards you to remove the “stitch plate”.

5. Remove the grey cover and the bobbin case

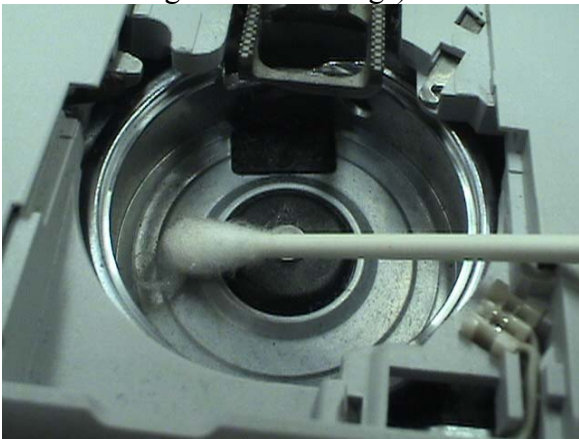




6. Use a clean Q-tip with a few drops of Tri Flo to remove any visible fuzz. The brush that came with your machine can transfer dirt and lint from one area to another once it becomes soiled.



7. Turn the hand wheel towards you and look at the hook (pointed metal piece at the top next to the right side feed dogs) as the hook turns.

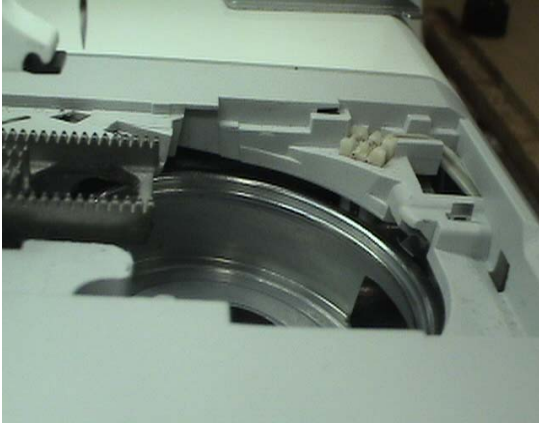


There will be a window 'square opening' you can look into to see the immediate area below the hook. With your Q-tip lift out any visible fuzz in that window. **DO NOT** stick

the Q-tip down inside your machine!!! Just lift any visible lint out through that hole as you turn the hand wheel. Be sure to clean between the rows of teeth on your feed dogs



This picture shows the hole moving to the right as you turn the hand wheel.



Turn the hand wheel until you see the hook is at the top again and the take up lever has risen to the highest point.

8. Clean the bobbin case off. Clean both the back side and the inside.

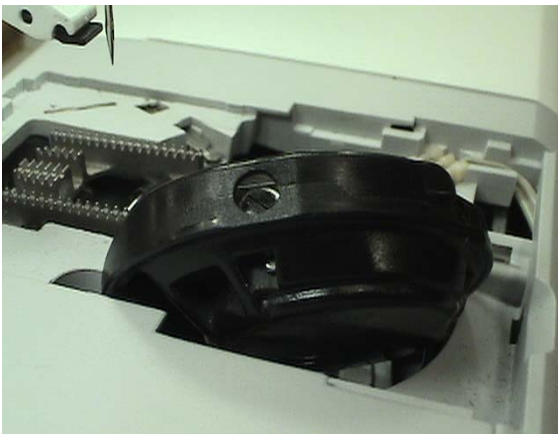




The tension spring is at the front where you see the metal pieces. If you have canned air, you can use it to clean the area where the thread goes between the tension springs of the bobbin case or you could take a piece of non wax dental floss or a regular sewing thread and thread in into that spring and then floss it back and forth to remove anything caught in the spring. Put the bobbin case back into the machine.



The bobbin case tension screw is just below the tension spring and slightly indented. Turning to the left will loosen, to the right will tighten. The tension is set at the factory and rarely needs to be changed. A teeeny turn makes a big difference.



Below is a picture of the left side cutter blade when I activated it and it moved across the bobbin case area to cut the thread. It's that long metal piece just below the left side feed teeth.



9. Wipe the feed dog cover off (stitch plate) and put it back on your machine

10. Wipe off your bobbin case cover and put it back on your machine

11. To clean your upper tension disks stand up and look down inside where the disks are. You will just be able to see them. Take dollar bill (lint free!) and use the edge of the bill to slide down between the disks. GENTLY slide the bill back and forth a couple of times.



**Develop the habit of always cutting the thread at the spool and pulling the thread OUT of the machine thru the needle so that no lint or fuzz from the thread is drawn back into the tension assembly.**

The next time you go to use your machine it will be clean and ready for you to select the new needle in the correct size and type for your project and to load your fresh bobbin or one that matches your thread for the day. Once you become used to doing this cleaning you can be done in less than 5 minutes!

**Your machine should go see the service tech at the shop at least once a year. They**

**will remove the covers and clean inside where you CAN NOT and SHOULD NOT be! They can also check for chipped or broken feed teeth, hook burrs etc. This also gives them an opportunity to check your cables and cords etc. This regular maintenance will keep your machine running for a long, long time!**

**Happy stitching from Linda Clegg and Jan Henning**