

BERNINA
eBook Series



JUST QUILT IT!

Q SERIES MACHINE CARE AND MAINTENANCE

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Q SERIES MACHINE CARE AND MAINTENANCE

Taking care of your BERNINA Q Series is as important as taking care of your sewing machine and overlocker. The BERNINA Longarm is very easy to maintain because it only has one place to oil before starting each day's project. Whether the machine is in a table or on a frame we will cover how to clean and care for them.

Q Series Sewhead:

Always make sure you have the latest firmware updates on the sewhead. They are found on the bernina.com site under Longarm/Q 20 Q 24/Support.

The sewhead can collect a lot of lint from thread, batting and fabric used in quilting projects. It is important to keep it clean from the lint that collects both in the bobbin area and behind the door on the front of the sewhead.

Cleaning and Oiling:

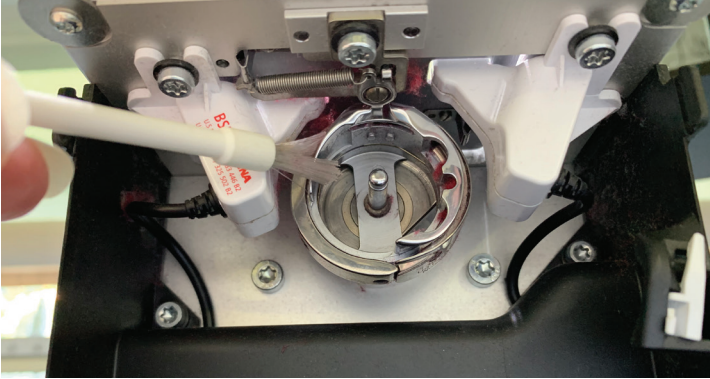
The Q Series comes with a small tin to keep all of the cleaning tools in: a cleaning cloth, a brush, an oil pen and a #6 Torx screw driver to remove the needle.



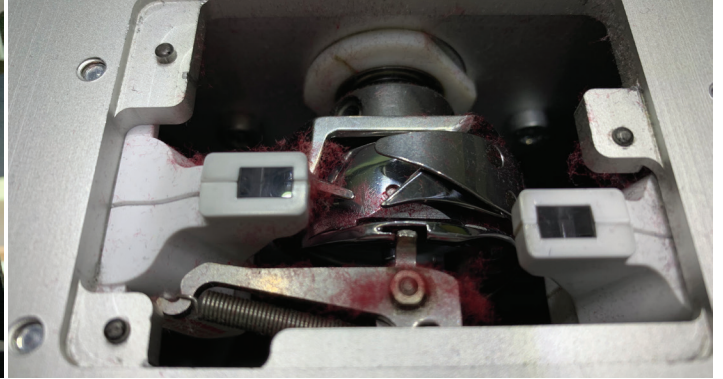
- Remove the bobbin and bobbin case.
- Remove the stitch plate by pressing on the upper right corner at pressure point.
- Remove the foot use the easy latch on the left side.
- Remove the needle using the T6 screwdriver that came with setup.

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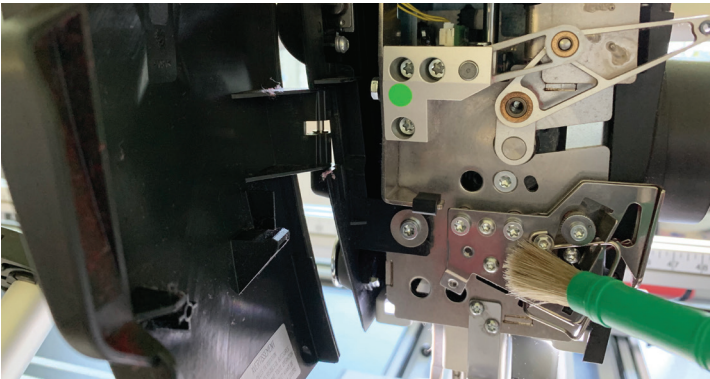
Brush the lint out of the bobbin area.



Brush out the lint from the area under the stitch plate.



Brush the lint out of the area behind the front door. A large brush may make this easier and faster than the small one used in the bobbin area.



Now that the machine is lint free, it is time to oil it. Turn the handle wheel on the front of the machine so that you can see the only place to oil. Press the handle wheel in to turn. Move the hook until you can see the ridge to oil.



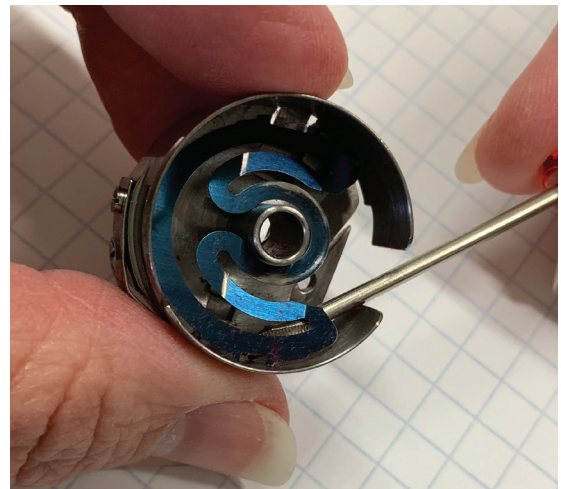
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Place one drop of oil so that it will run down the top and sides of the ridge.

That is all that needs to be oiled. This should be done at the beginning of each day when quilting is started. If quilting for 4 or more hours in the same day another drop of oil may be needed.



Make sure that the bobbin case does not have any lint in it. To remove all lint and threads, the backlash spring may need to be removed. Once the backlash is removed additional cleaning with the brush can be made. After cleaning is complete re-install the backlash spring. Follow the directions below for removing and re-installing the backlash spring. Use the small bobbin case flat screw driver to gently remove the spring.



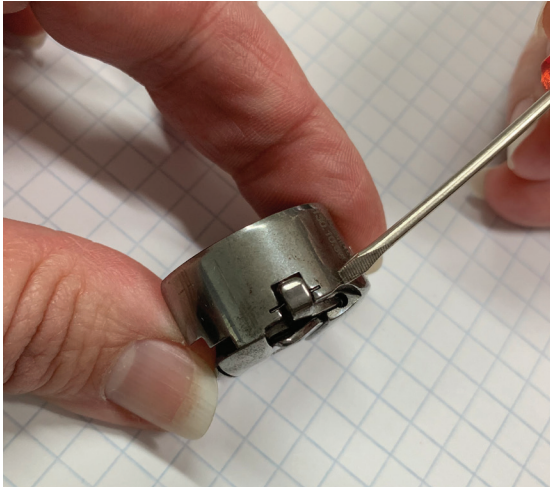
The spring will only go into the bobbin case one way correctly. There are two prongs on each side of the spring. One side they are farther apart than the other side.

Set spring into bobbin case and use the same screw driver to gently press it in.



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Check the side to make sure the prongs are in the correct place.

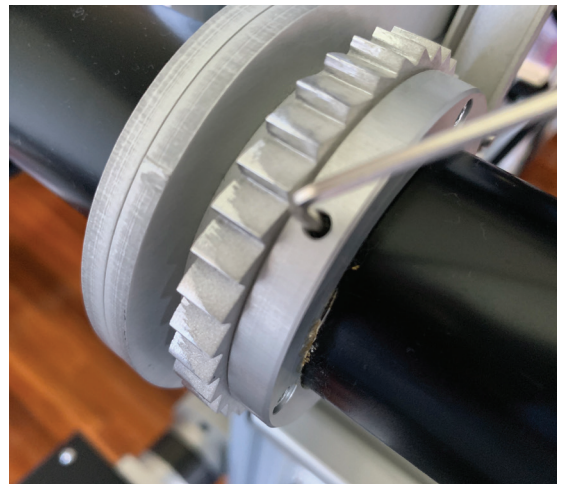


The spring center should bounce up. Place a new bobbin in bobbin case and weight with the Bobbin Tension Gauge. Place a new needle in sewhead, then thread and start stitching the next project.



Frame:

From time to time, the frame will need to be dusted and cleaned off. The table on the frame should be cleaned with a damp micro fiber cloth. Never use any kind of abrasive. Using the allen wrenches that came with the frame, it is a good idea to check the screws from time to time.

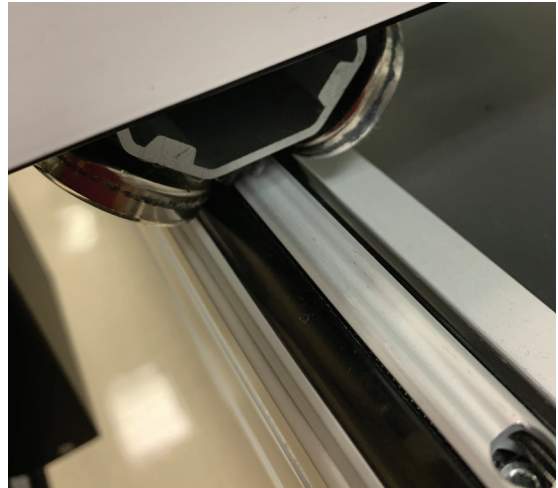


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The settling of the frame may cause the frame to no longer be level, so check that especially if the frame has been moved.



The wheels on the carriage and the sewhead leg profiles can collect sticky residue. If the machine feels like it is running over rough ground then the wheels need to be cleaned. Clean these wheels, all 16 of them, with a damp cloth. If the residue is still to sticky try a mild soap on the damp cloth.



The tracks on the frame will need to be cleaned with a soft damp cloth. Make sure there is nothing laying over the tracks like a thread. A very small thread can feel like a giant stick on them when the machine drives over it.



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Q-matic:

Always make sure the system has the latest update. When updating Q-matic the files are found on the bernina.com site under Longarm/Q-matic/Support. When updating the computer make sure the Control Cabinet is on. It needs to update at the same time. The update will also place a folder on the desktop with the Sewhead firmware update in it. Don't forget to unzip before installing.

Check the belts and energy chain to make sure they are in good condition. Never let anything rest on the belts and make sure there are no threads or lint hanging on them. The cords in the energy chain should all be running parallel to each other and the chain.

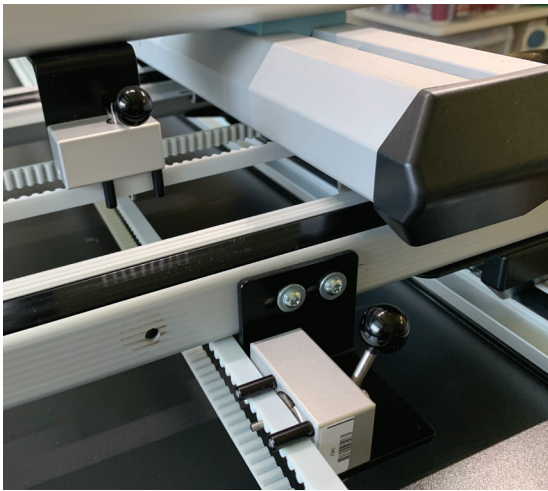


Table:

Whether the machine is in a Koala cabinet, a folding table or a hydraulic table they all need to be cleaned from time to time with a soft damp cloth. Remember the tables were not designed to hold the weight of a person just the sewhead and projects being quilted.