

Brother SC9500 Sewing Machine



Introduction: The Maker Studio has a few sewing machines for general sewing usage. We stock a variety of scrap materials for learning how to use the machine as well as some tools to complete a project like needles, iron, and measuring tape.

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General Information

Parts of the machine



Setting up the machine

To set up the sewing machine, grab the small zipper bag beside the machine. This has all the instruction manuals and additional parts inside.



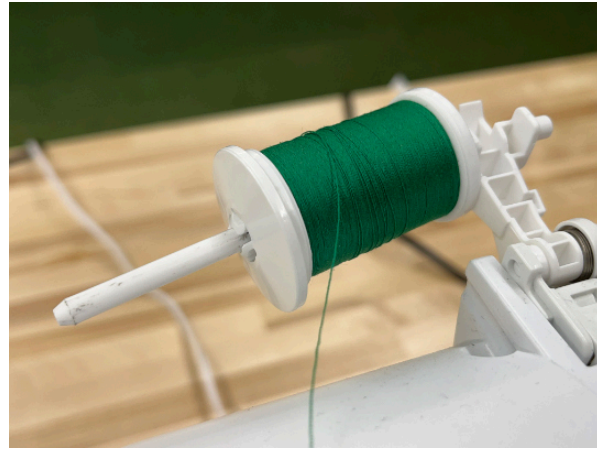
Plug in the machine using the black power cable and the white foot pedal in the following locations on the back and right side of the machine.



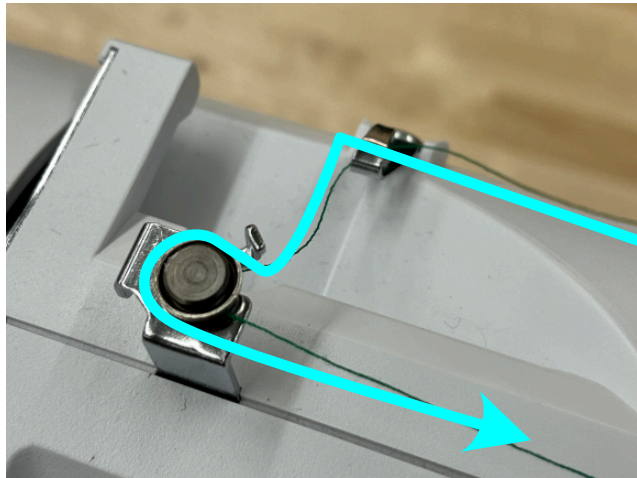
Threading the machine

Winding and inserting bobbin

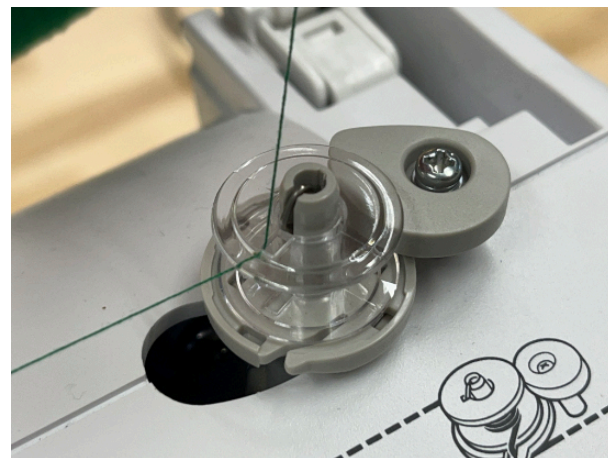
1. Load a spool of thread onto the post on the top of the machine. Ensure the thread is coming up over the back of the spool. Use a spool cap that matches the diameter of the spool or one slightly larger. Check the white bag inside the zipper bag for additional spool caps as needed.



2. Take the thread and following the dashed line on the diagram printed on the top of the machine, run under the clip, around the hook, and under the disc. Take the thread back to the right.

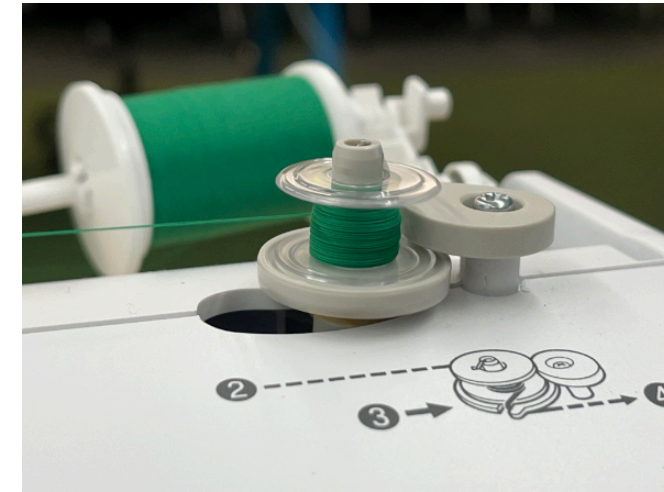


3. Take the thread out one of the holes in the bobbin from the inside. Place the bobbin on the pin with the thread going upwards. Slide the bobbin pin over to the right until it clicks.



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4. Press the pedal down to begin winding. Hold the thread tight coming out of the top of the bobbin until it snaps on its own.



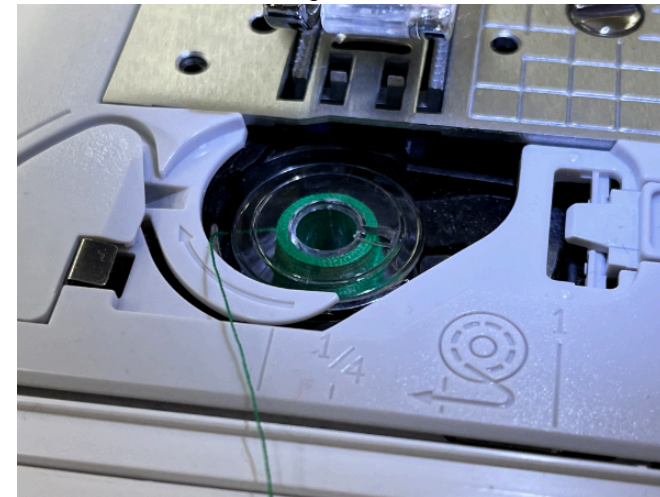
5. Once the bobbin is done it will stop winding. Let off the pedal. Push the bobbin pin back to the left and remove the bobbin. There is a small slot in the pin base that you can use to cut the thread.

Loading a bobbin

1. Remove the cover over the bobbin holder by pushing the tab to the right.

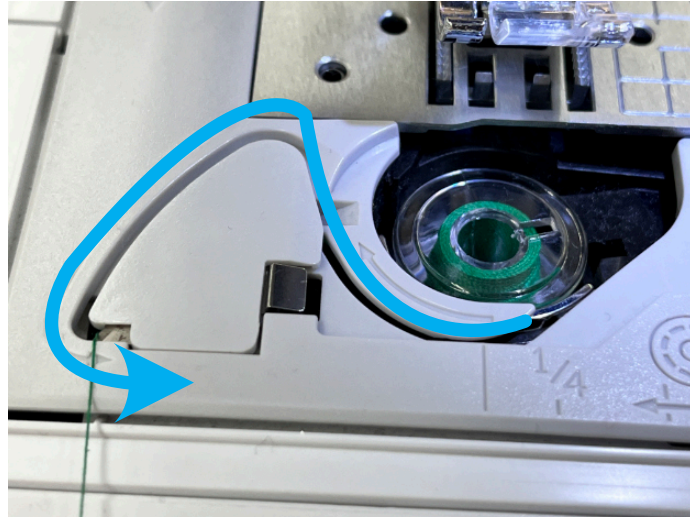


2. Insert the bobbin with the thread running in a counter clockwise direction.

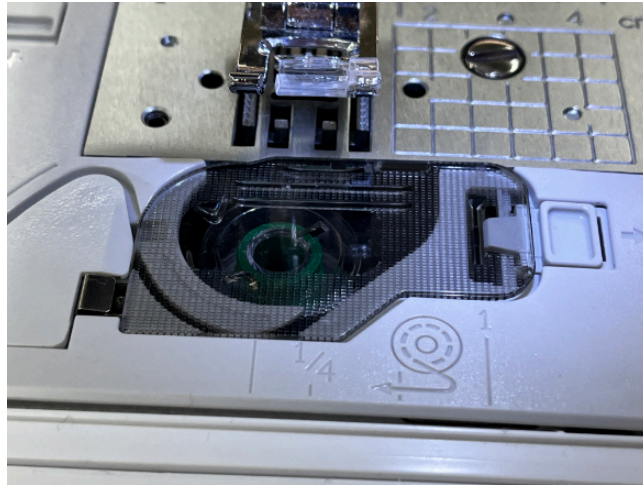


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- Run the thread along the groove and around to the blade at the end which will automatically cut the thread to length.

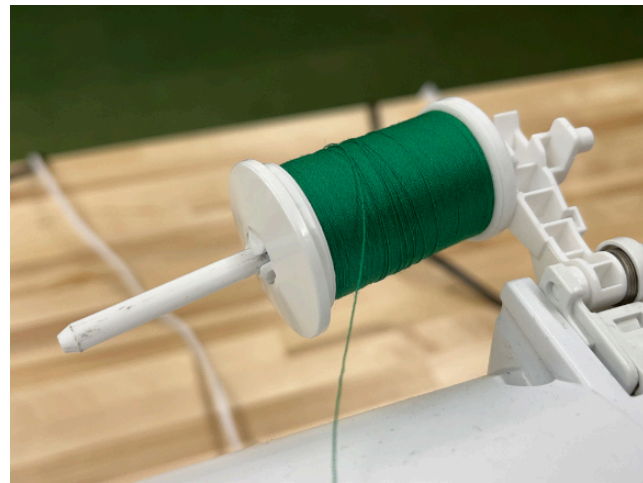


- Replace the cover over the bobbin.



Threading the machine

- When threading the machine, place the thread on the post with the thread coming up over the back of the spool.

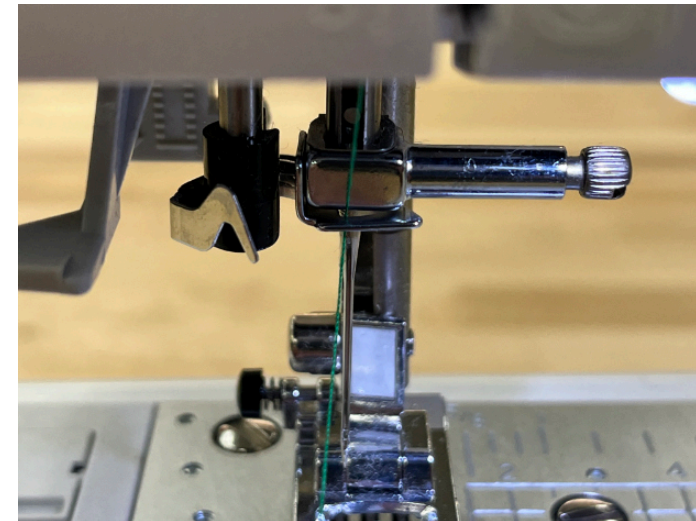


- Turn the hand wheel so that the needle is in its highest position.

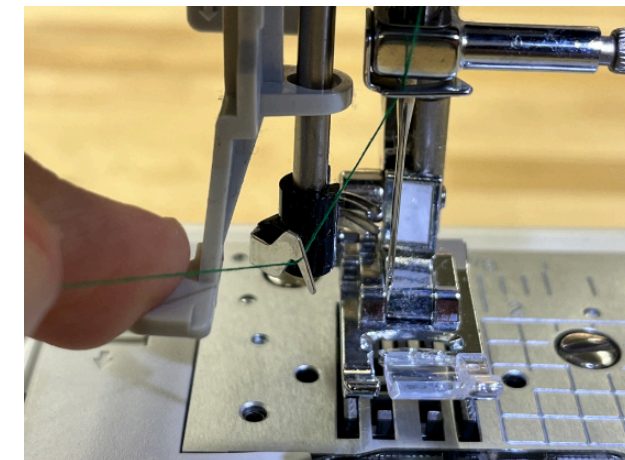
- Take the thread and follow this path. Go around the post at the top (1), then down the right slot (2). Come up around the bottom post and up through the left slot (3). Catch the thread on the metal hook (4) before coming back down through the left slot (5).



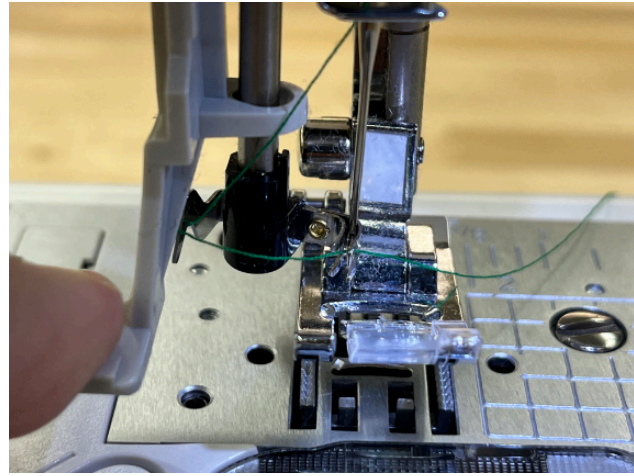
- There's a spot right above the needle that you'll clip the thread through.



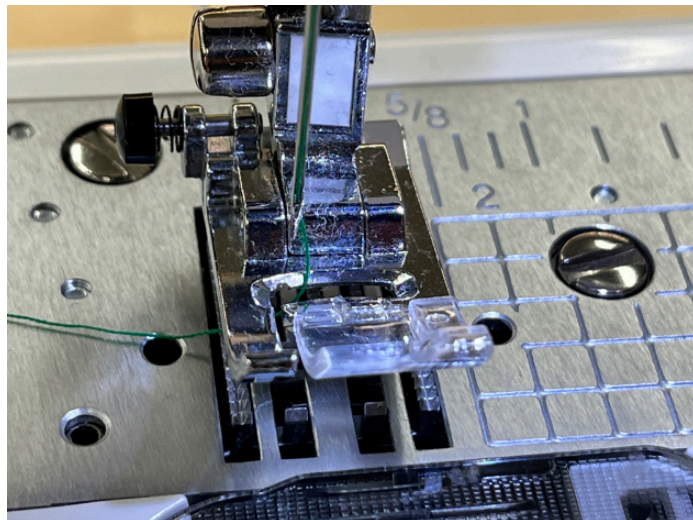
- When it comes to threading the needle there are two methods. The first is the manual method where you push the thread through the hole in the needle. The second is auto threading. To perform auto threading, follow these next steps.
 - Push down on the lever to the left of the needle. Bring the thread under the hook from the right.



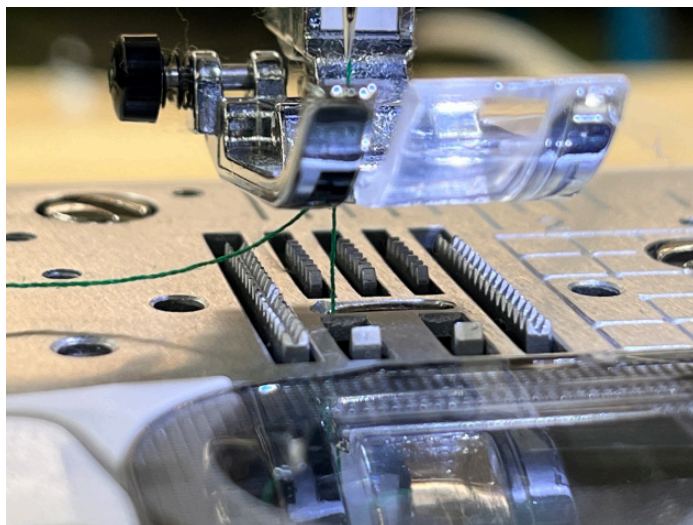
- b. Push the lever all the way down and bring the thread back in between the small arms by the needle.



- c. Release the lever and the thread should get pulled through the needle.
6. Regardless of which way you threaded the needle, place the thread down through the slot in the presser foot and pull it out to the left.

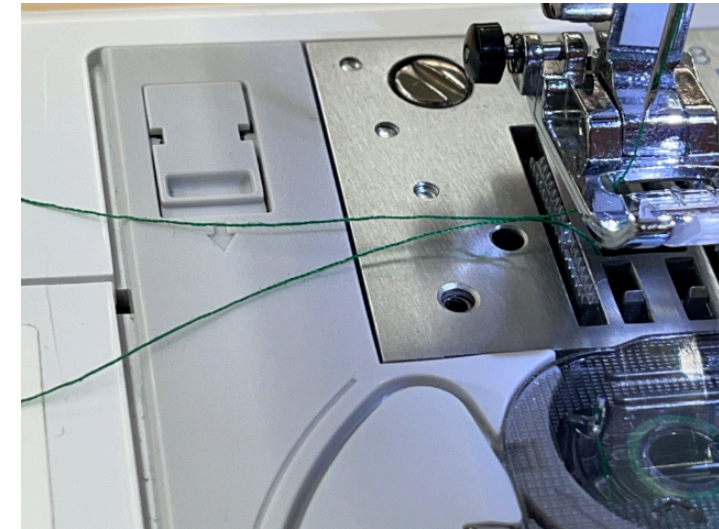


7. While holding onto the thread, turn the hand wheel toward you. The needle will go down and engage with the bobbin thread. When the needle returns to its full height, give a light pull on the thread to bring the bobbin thread up. You may need tweezers to pull the bobbin thread out further.



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8. Once you've done this, pull both threads out about four inches. If you need to, you can trim extra thread using the thread cutter built into the left side of the machine.



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Modifying the machine setup

Using different speeds

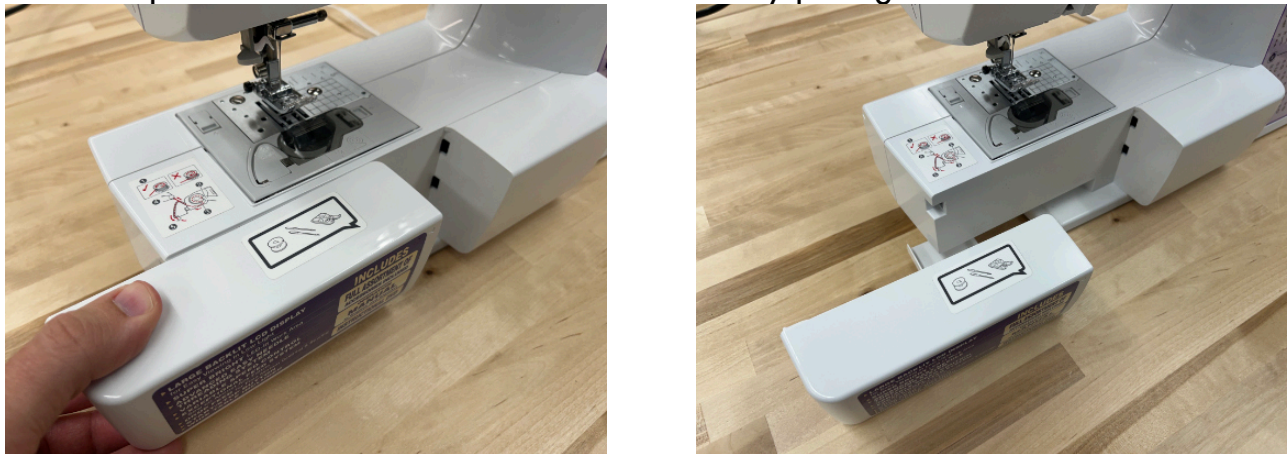


When sewing or winding a bobbin, the foot pedal activates the machine. However the speed at which the machine functions is controlled by a slider on the front of the machine. The further to the left, the slower the machine goes. The further to the right the faster it goes. It is recommended to start on the slowest speed when first using the machine to get used to it, and then increase the speed as you gain more confidence in your sewing ability. However, you can feel free to set it for the highest speed whenever winding a bobbin to help that process complete sooner.

Adding/removing wide bed

The sewing machines are capable of using a wide bed attachment to help with sewing larger pieces. To attach the wide bed follow these steps.

1. Remove the parts holder in front of the needle area by pulling it to the left.



2. Take the wide bed attachment out of the box and unfold the three legs.



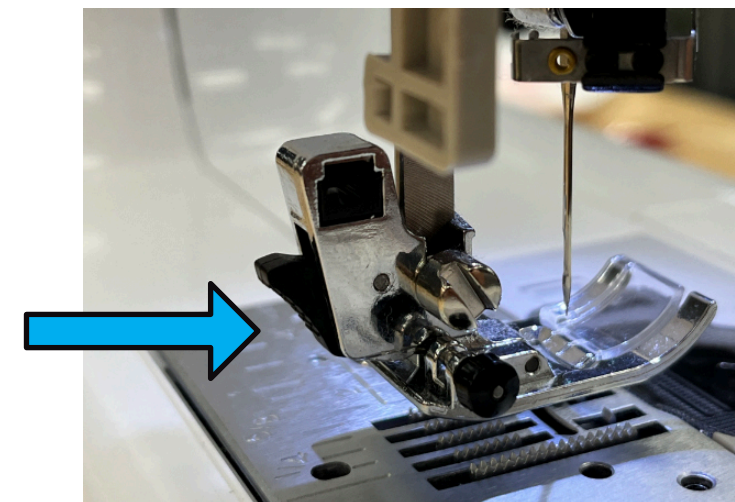
3. Slot the attachment around the needle area and press it fully to the right until it clicks into place.



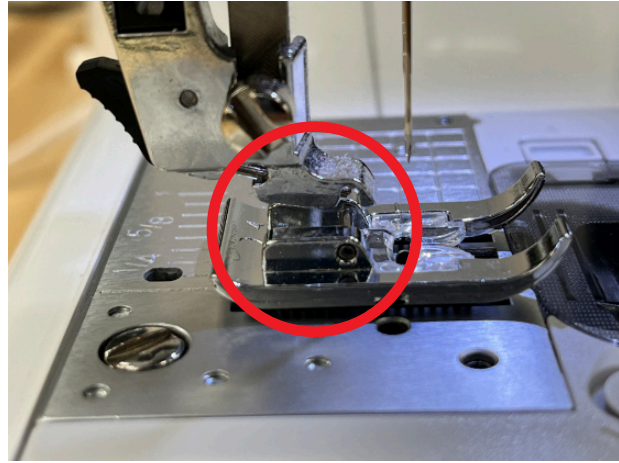
4. To remove it, reverse these steps and replace it with the parts holder.

Changing the foot

1. To change the foot, press the button on the back side of the needle to release the current foot.



2. Select your new foot and align the post on the foot with the slot at the end of the arm where the foot is placed.

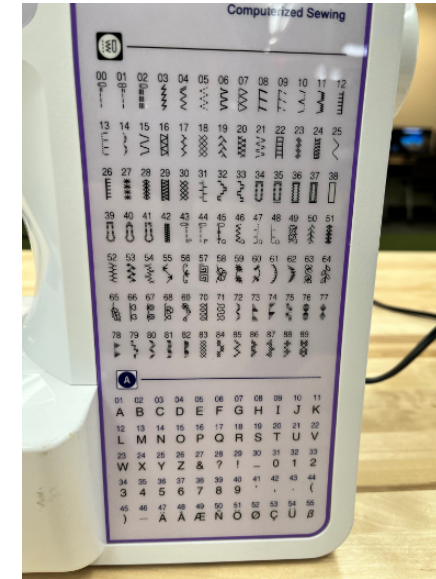


3. Once aligned, lower the presser foot lever to snap the arm onto the new foot.
4. Raise the lever to ensure the foot is seated properly and attached.

Stitching methods

Selecting stitches

1. On the right side of the machine is a guide for all the stitch options available on the machine. Each one is numbered. Locate the stitch pattern you wish to use and take note of the number associated with it.



2. The left side of the screen displays a two digit number. Using the up and down buttons, change the 1s and 10s of the display to match the number. Take note of the letter above the number once you reach it. This is the foot needed to perform this stitch pattern.



3. Each foot displays a letter. If you need to adjust it, look for the section "Changing the foot" for more information.



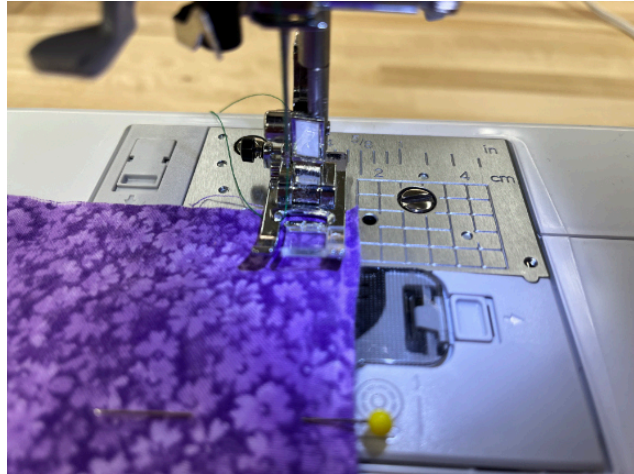
Back stitching

To back stitch over your material, locate this button below the thread speed slider. Without pressing the pedal, press and hold this button to begin back stitching. When you want to end let go of the button.

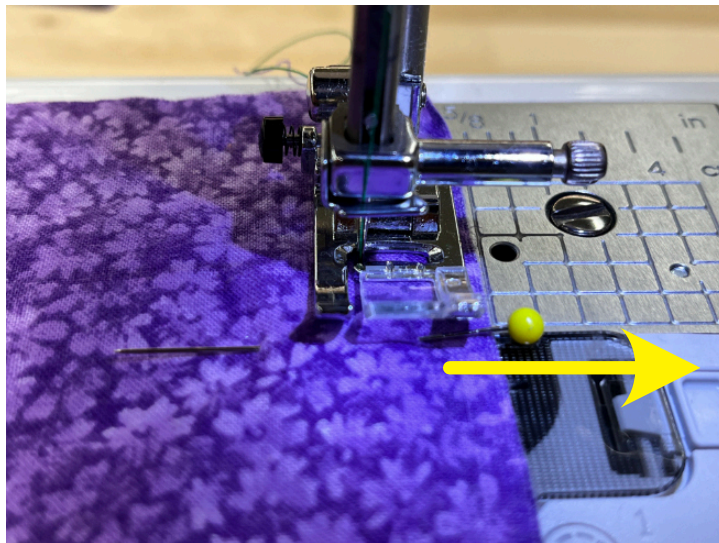


Stitching straight and curved lines

1. Take your prepared material and place it under the presser foot and lower the handle. The thread should be just inside where the needle begins. You can use the ruler on the plate to help align your design to the appropriate width.



2. Set your speed and then begin sewing by pressing down on the pedal. Hold both the top thread and the bobbin thread in your hand while you begin to sew. After a few stitches, be sure to back stitch to hold your thread in place before continuing.
3. If using pins, be sure to try and remove them as you sew so the needle has a lower chance of getting blunted by striking one. This can be done as it's approaching the presser foot.
4. The machine will pull the fabric through on its own as it sews. Your main job is to guide the material into the machine to ensure straight stitches.



Turning square corners

1. To turn a corner, continue sewing until you reach the point you want to turn. Here ensure the needle is down. If it is not you can press this button to lower the needle. Release the presser foot lever.



2. Rotate your material 90 degrees, then lower the presser foot lever again. Continue sewing.

