

REGULATION STITCH TEST QUICK-START GUIDE

CAUTION: To safely use QuiltMotion X (QMX) for domestic machines, understand the steps in one of the two stitch test quick start guides.

If you're not familiar with *stitch regulation*, or if you're familiar with it but you know your machine doesn't have it, use the *Speed Stitch Test Quick-Start Guide*.

If you know your machine has stitch regulation, use this guide (*Regulation Stitch Test Quick-Start Guide*).

Before following this guide, assemble your frame and QuiltMotion X. Complete the practice instructions (*Making Quilting a Breeze*) that came with your frame. If you are using a Little Rebel machine, complete the practice instructions (*Dreams of Fearless Creativity Come True*) that came with the machine.

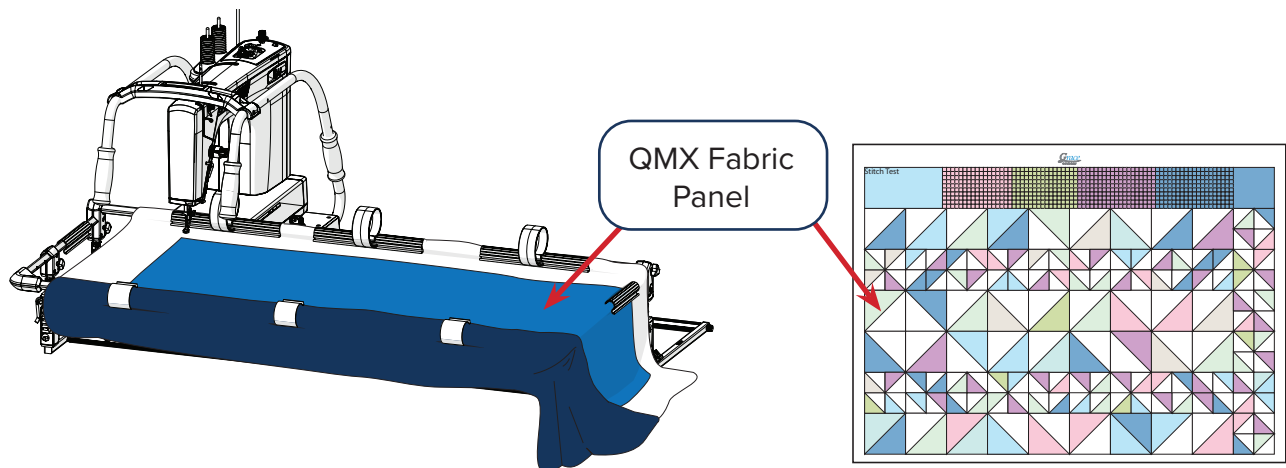
Overview:

This guide will assist you in using QMX safely and in choosing the ideal stitch length on your machine with regulated stitching. Even if you're familiar with quilting on a frame with your machine and you know what stitch length looks good, complete this guide anyway. You might damage your machine or quilt if you do not understand when to turn stitching on and off, as explained in this guide.

Task 1 - Attach the QMX Panel to Your Frame

Follow the instructions in your Cutie frame manual to attach the panel that came with QuiltMotion X to the frame.

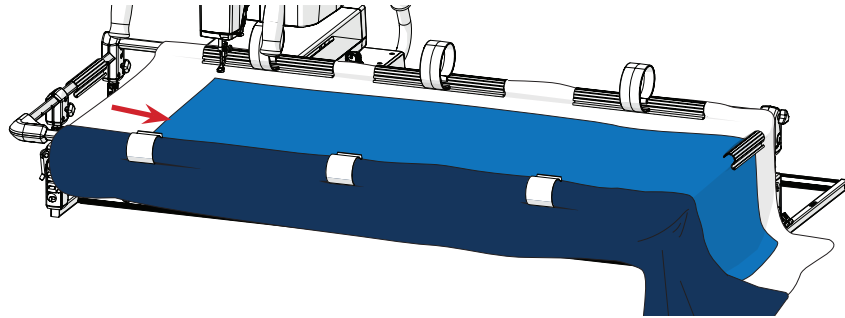
IMPORTANT: Placing the fabric correctly on the frame is even more important when you are using automation than when quilting manually.



Task 2 - Tack Down your Fabric Edges

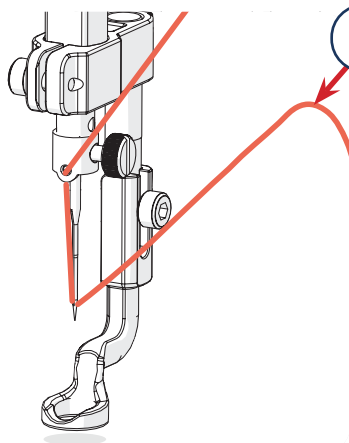
Sometimes the automation will move the machine off of your quilt top, onto the batting. Then when the automation attempts to move back onto the quilt top, the quilt top is caught on the foot of the machine. This creates unsightly folds at best, and at worst can damage your machine or quilt. Tacking down the edges of your quilt top prevents this from happening. Take the following steps:

- 1 Move the machine to the **front of the left edge** of the panel.

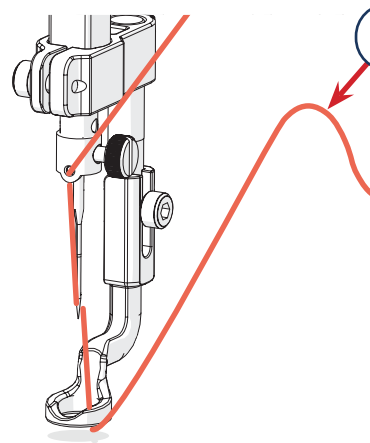


- 2 When you start stitching, a tail of bobbin thread is left underneath the quilt top, which can get caught in the stitching, which looks bad and risks damaging the quilt or your machine. Pulling up the bobbin thread prevents these issues:

- a Pick up and hold the **top thread tail** that is threaded through the needle.



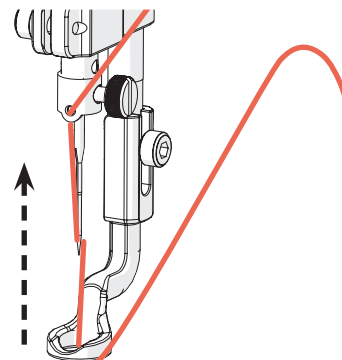
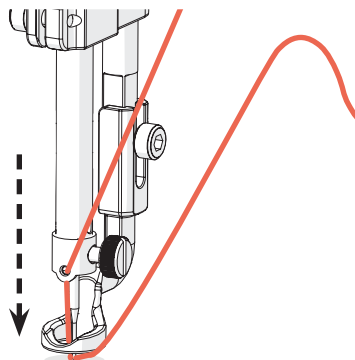
Top Thread Tail



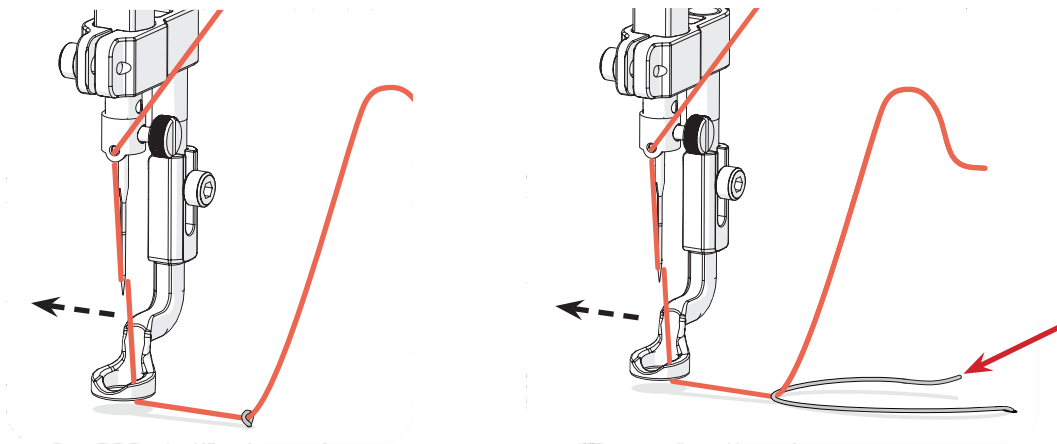
Top Thread Tail

Note: It does not matter if the thread tail is under the foot or not, as shown above.

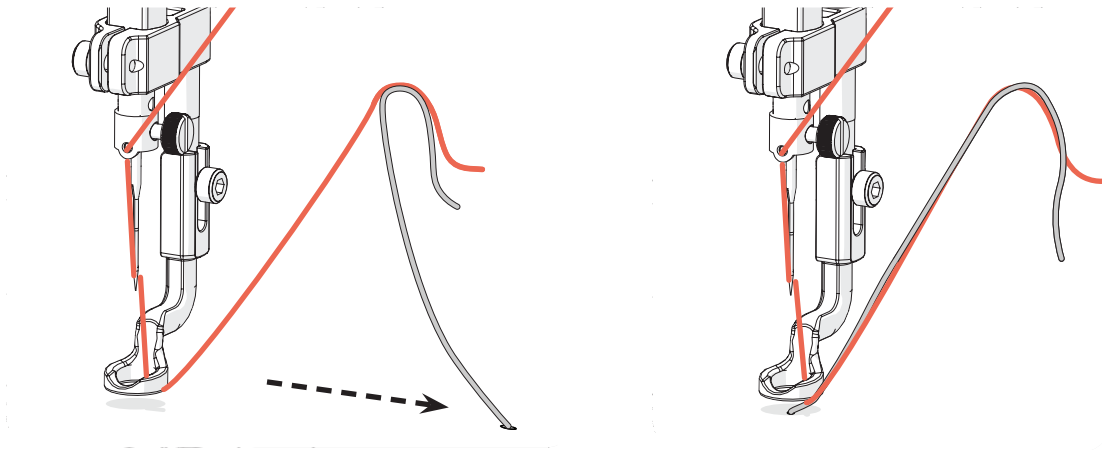
- b Do a single stitch.



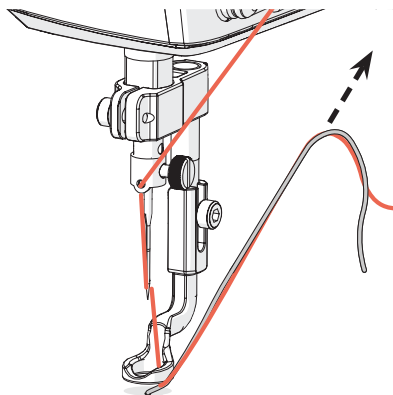
- c Continue holding the thread tail and move the machine away from the stitch until a loop of bobbin thread is pulled up to the surface. Keep pulling until the bobbin tail completely pops out.



- d Gather up both thread tails and move the machine back to the first stitch.

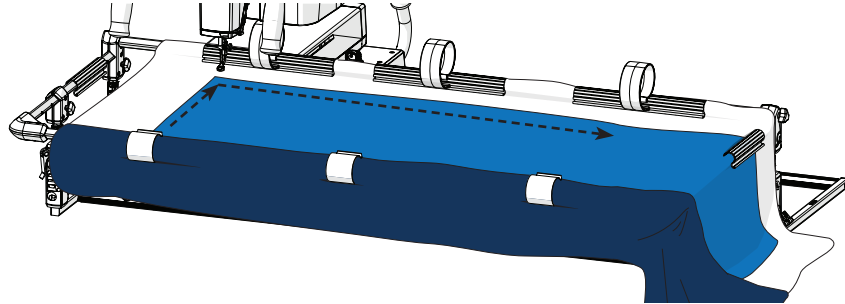


Important: When you move your machine back to the original stitch, there is slack bobbin thread under the fabric. Pull on bobbin thread tail until there's some resistance.

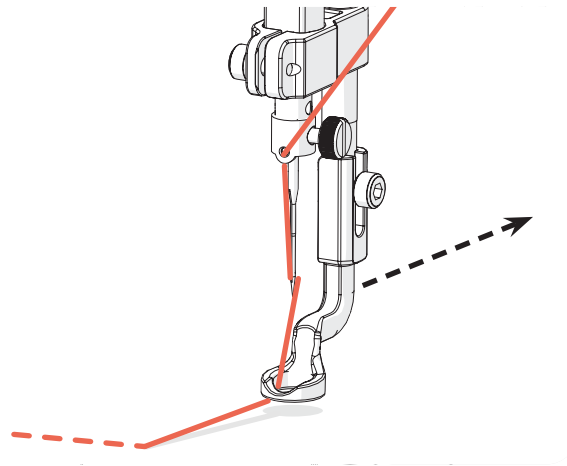


- e Lay the thread tails somewhere they won't get sewn over and then trim them away once you've sewn out your line.
- f If desired, make a securing stitch by placing three stitches close together where you pulled up the bobbin thread.

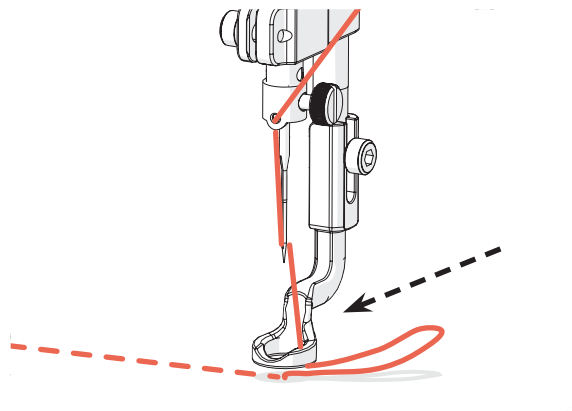
- 3 Activate the stitch regulation on your machine and set your machine to a middle stitch length setting. For example, if your settings range from 4 to 16, choose 10. However, if you prefer to use larger stitches for tacking down and you know what setting you'd need to pick to do this with your machine, feel free to do so. See your machine's instruction manual for details on how to set your machine's stitch length if you do not know how.
- 4 Stitch up the edge toward the top corner, and then stitch across the top.



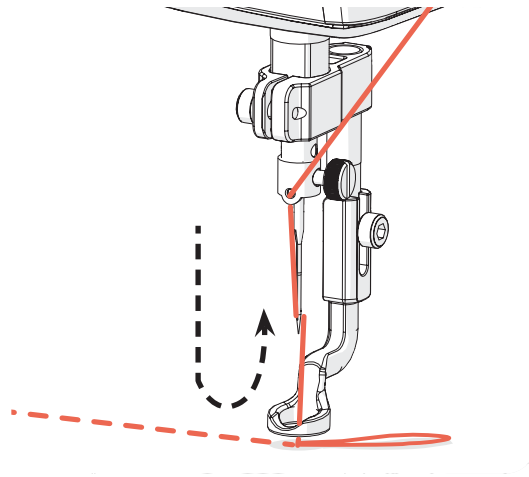
- 5 If desired, make a tie off stitch by stacking 3 stitches on top of each other.
- 6 At the end of your stitching, both the top and bottom threads have to be cut to separate the machine from the stitching. Pull up the bobbin thread at the end of stitching so you can trim both threads without having to get underneath your quilt.
 - a Move the machine away from the last stitch.



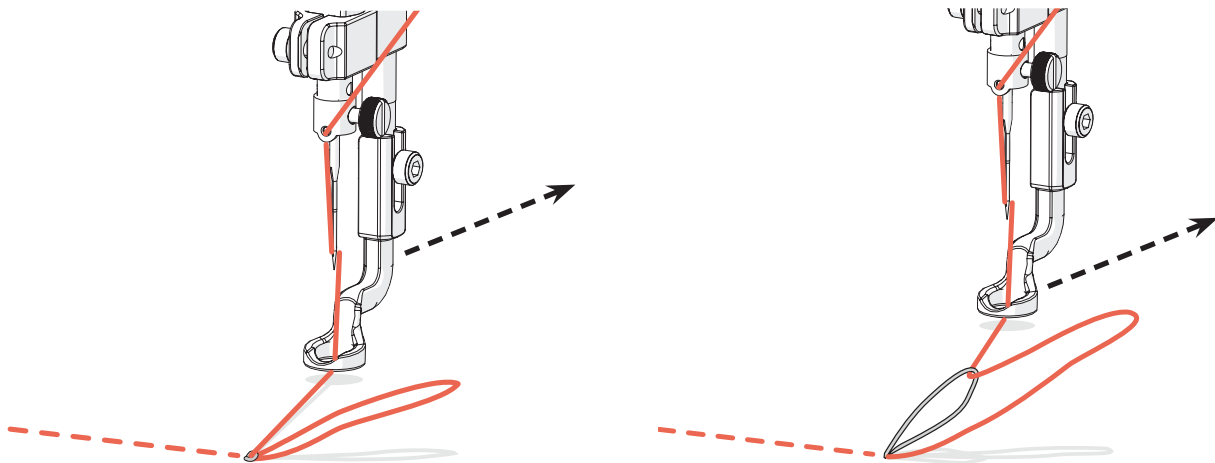
- b Hold the top thread to make a loop and return the needle to the last stitch.



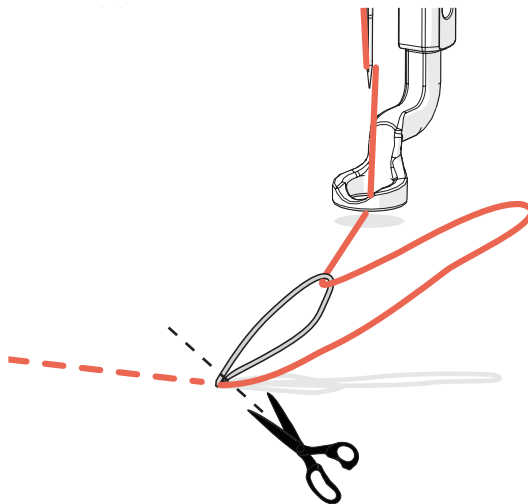
- c Still holding the loop, make a single stitch directly over the last stitch.



- d Still holding the top thread loop, move the machine away from the last stitch until a loop of bobbin thread comes up.



- e Trim away all the threads, near the tie off or last stitch.

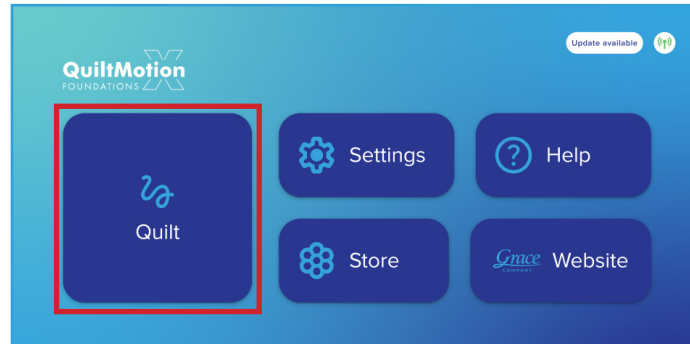


Task 3 - Place a Line

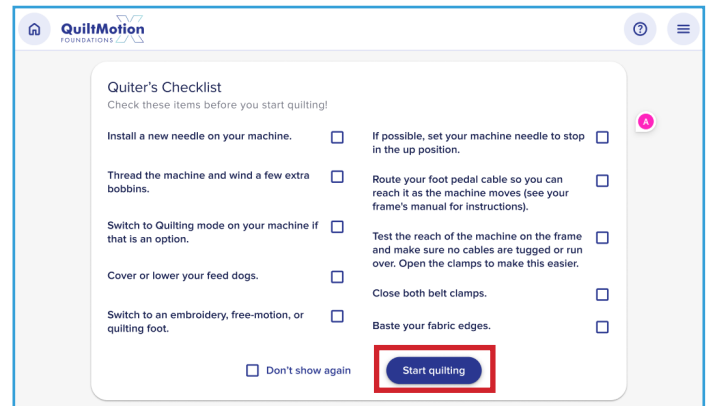
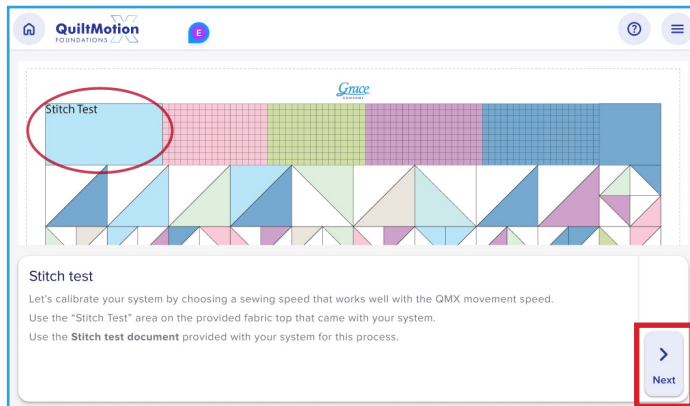
Placing is the process of telling the software the location on the quilt that you want to stitch out a design. This guide will walk you through placing a line and stitching the line out at different stitch lengths on your machine so you can pick which stitch length you like best. Once you find a length you like, record it so you can reference it later. You'll use that length setting in most cases when you stitch out a design with the software.

Take the following steps to place a line:

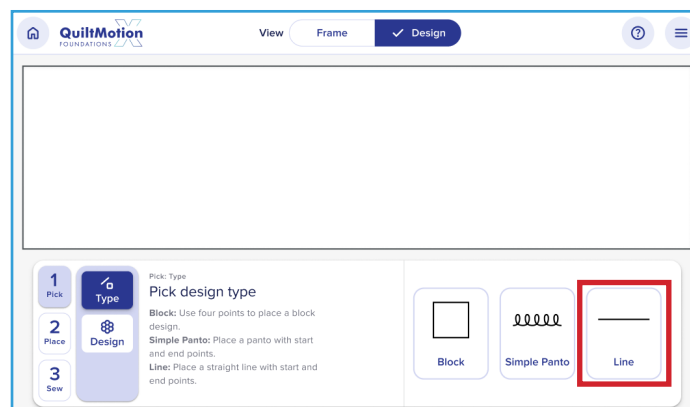
- 1 Open the software and tap **Quilt**.



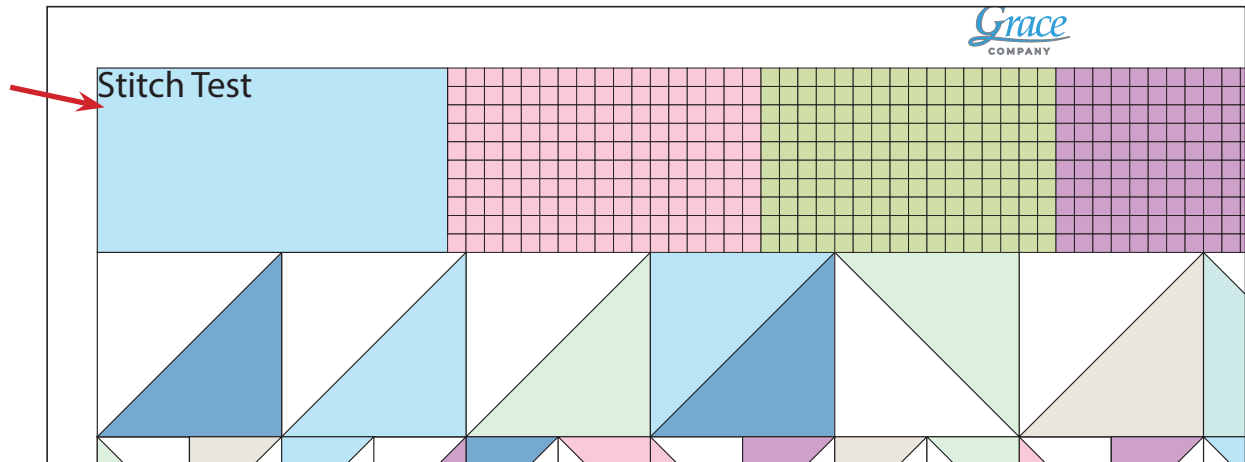
- 2 Depending on whether or not you've opened Quilt before, the Stitch Test screen opens or the Quilter's Checklist screen opens. If applicable, read both screens carefully and tap **Next** and **Start Quilting**.



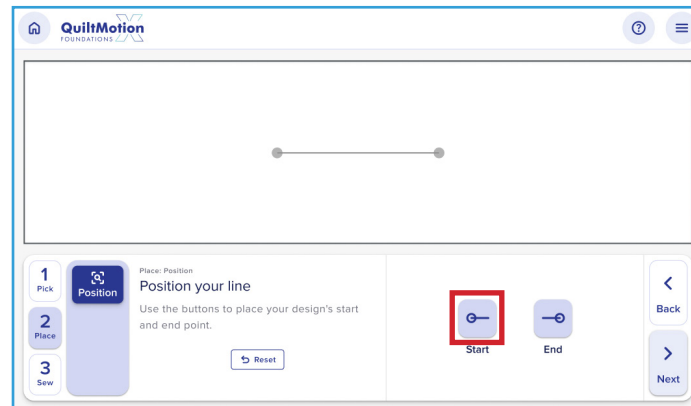
- 3 In the Pick: Type screen, press **Line**.



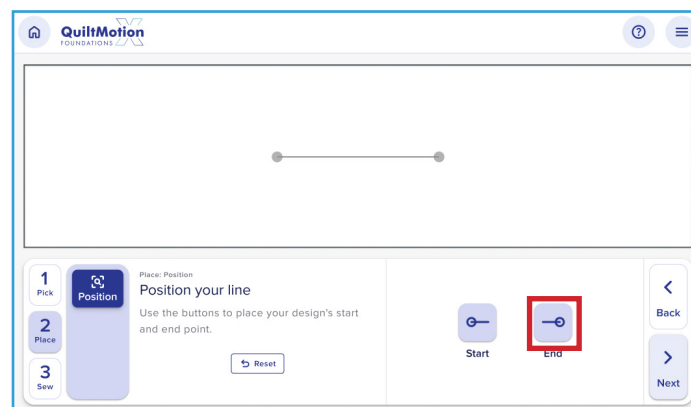
- 4 Position your machine's needle directly over the place you want to designate as the starting point for the line of stitching. In this case, move the machine a quarter inch or so under the S in Stitch. **Tip:** For precise placement, use your hand wheel on your machine to drop the needle close to the fabric.



- 5 On the screen, tap **Start** to set the line's start point where your needle is.

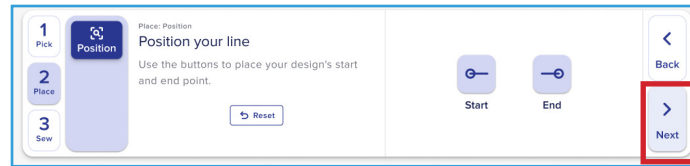


- 6 Move the needle to where you'd like the line of stitching to end. Then tap **End**.

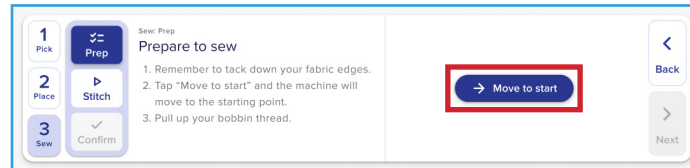


Note: You might notice that the line on your screen isn't totally straight. This is expected. When placing the fabric on the frame, it's very difficult to get the fabric perfectly square with the frame. Any tilt of the fabric on the frame will show up as a tilt in your placement on the screen, which is good; it means that when the machine stitches it out, it will be exactly where you want it to be on the quilt.

- 7 Press **Next**.

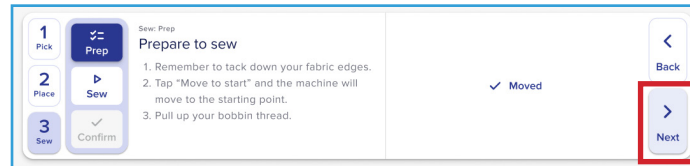


- 8 In the Sew: Prep screen, tap **Move to start**. This shuttles the machine to the start point you set for your line.



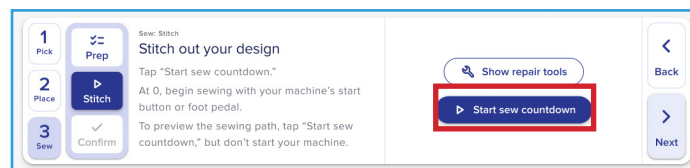
- 9 Pull up your bobbin as explained in Task 2, step 2.

- 10 Tap **Next**.

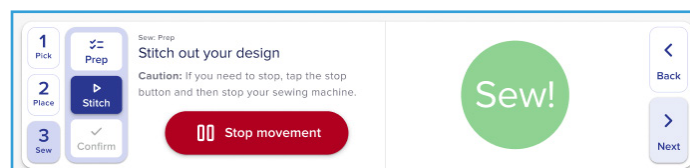


Task 4 - Test Different Stitch Lengths

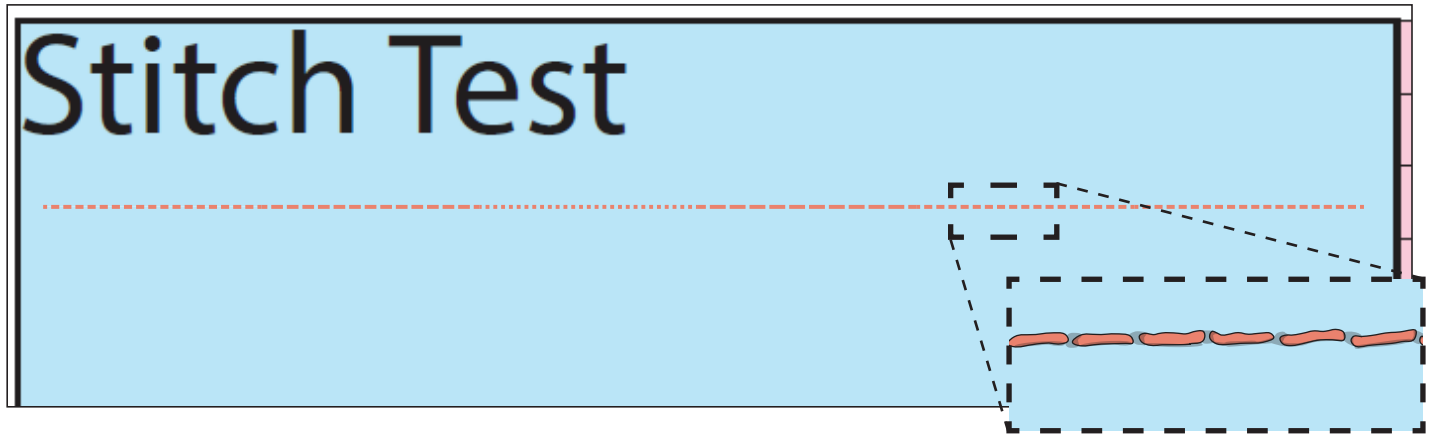
- 1 Make sure your machine is set to a medium stitch length.
- 2 Get ready to press the start sewing button (or the foot pedal) on your machine.
- 3 **IMPORTANT:** Fully read steps 4–7 before continuing.
- 4 Tap **Start sew countdown**. At 0, press the button to start sewing on your machine or activate your foot pedal. QuiltMotion moves your machine across the frame where you placed your line, stitching it out.



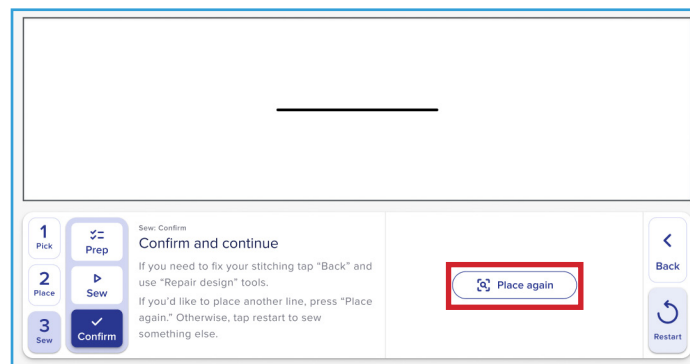
IMPORTANT: When QuiltMotion X is moving your machine, the emergency *Stop movement button* appears. This halts the machine's progress across the frame, but you must manually stop the stitching on your machine. If you must stop stitching, press the stop button on screen first and then immediately stop your machine.



- 5 As you are stitching, look at the stitches. Try different stitch sizes until you like the size you see.

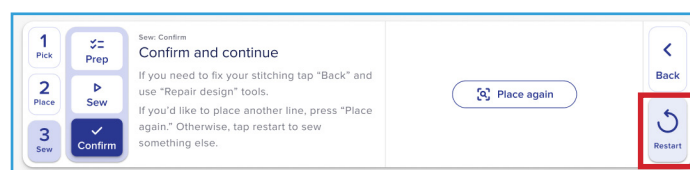


- 6 As the machine reaches the end, prepare to stop the stitching on your machine. Stop stitching as soon as the design ends. Allowing the machine to stitch in place for too long can damage the machine and your quilt.
- 7 Make a note of the speed that you liked best.
- 8 On the screen, if you'd like to sew out another line, tap **Place again**. This brings you back to the line's Place: Position screen so you can place another line. If you'd rather try out a block or pantograph design, continue to Task 5.

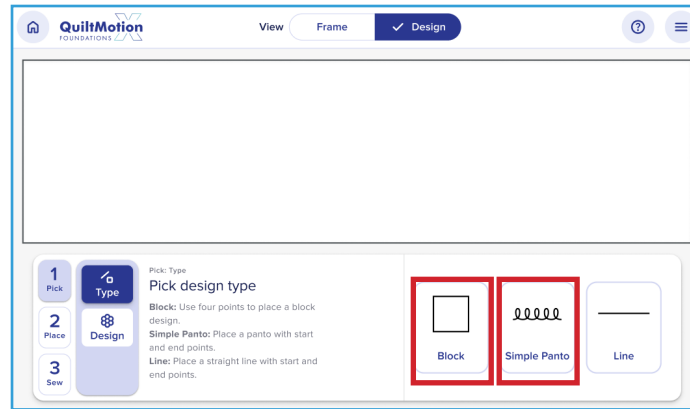


Task 5 - Practice Blocks and Pantos

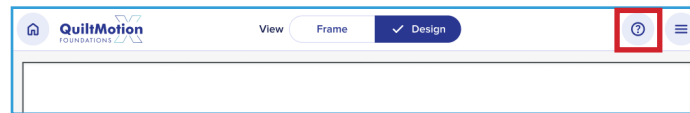
- 1 When you're done stitching out lines, tap **Restart**. This takes you back to the Pick: Type screen, where you can choose to quilt a block or pantograph.



- 2 Tap **Block** or **Simple panto** in the Pick: Type screen to get started.



- 3 Proceed through the steps to place and sew out a block or pantograph. Instructions for each screen are found by tapping the **Help** icon at the top-right corner of the screen.



Tip: Try your chosen stitch length on designs with different features. You might find that getting a sharp point or corner in a geometric design is challenging with the stitch size you chose. If so, making your stitches a little smaller can help achieve that crisp point you're going for.



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