

SPEED 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 this guide (*Speed Stitch Test Quick-Start Guide*).

If you know your machine has stitch regulation, use the *Regulation Stitch Test Quick-Start Guide* instead.

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:

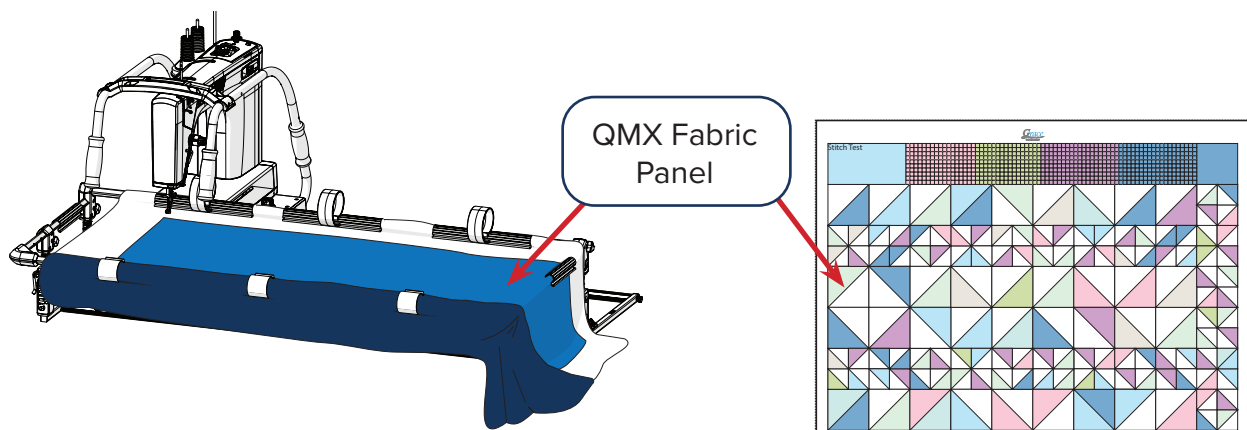
This guide will assist you in using QMX safely and in choosing the ideal stitching speed on your machine.

The software moves your machine around your frame at a predetermined speed, following the path of your chosen design. The *stitching speed* on your machine (how fast the needle goes up and down) is up to you. At different stitching speeds, the size and appearance of your stitches change.

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.

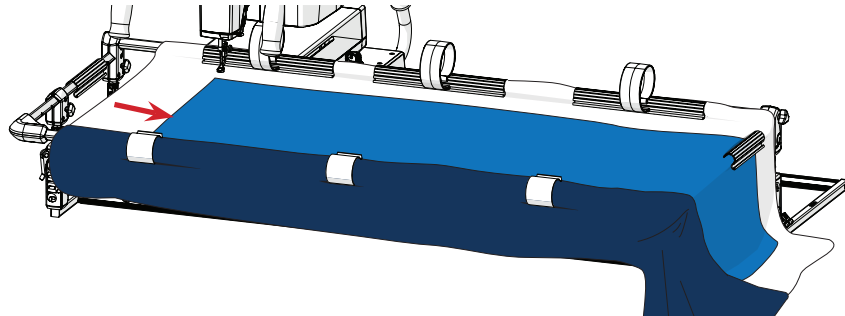
IMPORTANT: Placing the fabric correctly on the frame is even more important when you are using automation than when quilting manually.



Task 2 - Tack Down your Fabric Edges

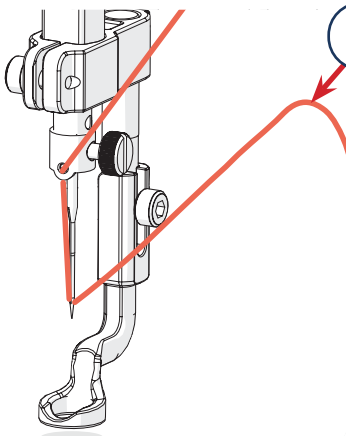
Sometimes the automation will move the machine off of your quilt top, onto the batting. Then when the automation attempts to move back onto the quilt top, the quilt top is caught on the foot of the machine. This creates unsightly folds at best, and at worst can damage your machine or quilt. Tacking down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

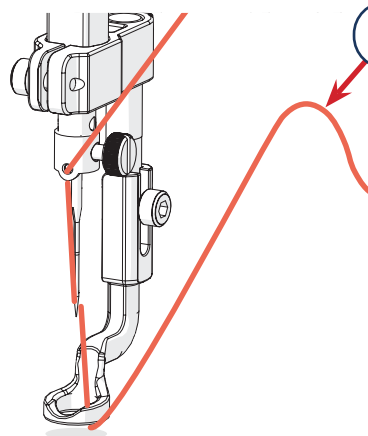


- 2 When you start stitching, a tail of bobbin thread is left underneath the quilt top, which can get caught in the stitching, which looks bad and risks damaging the quilt or your machine. Pulling up the bobbin thread prevents these issues:

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



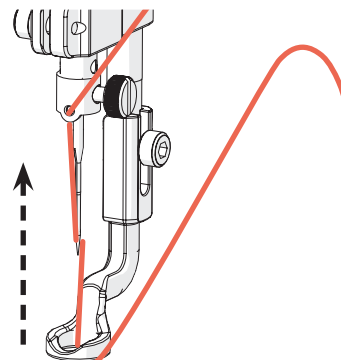
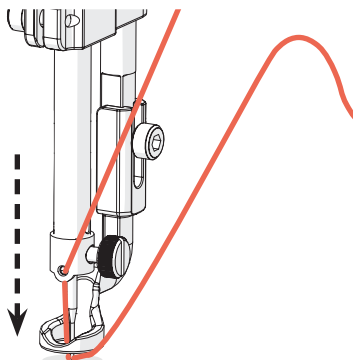
Top Thread Tail



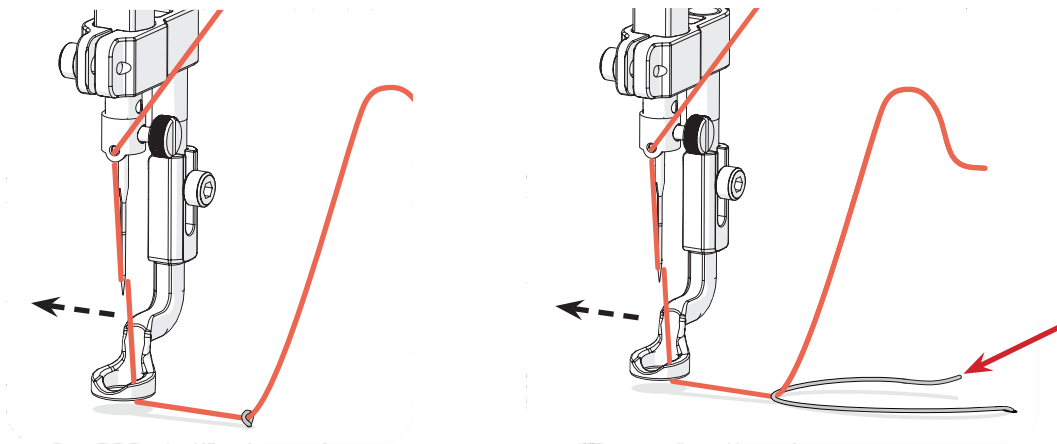
Top Thread Tail

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

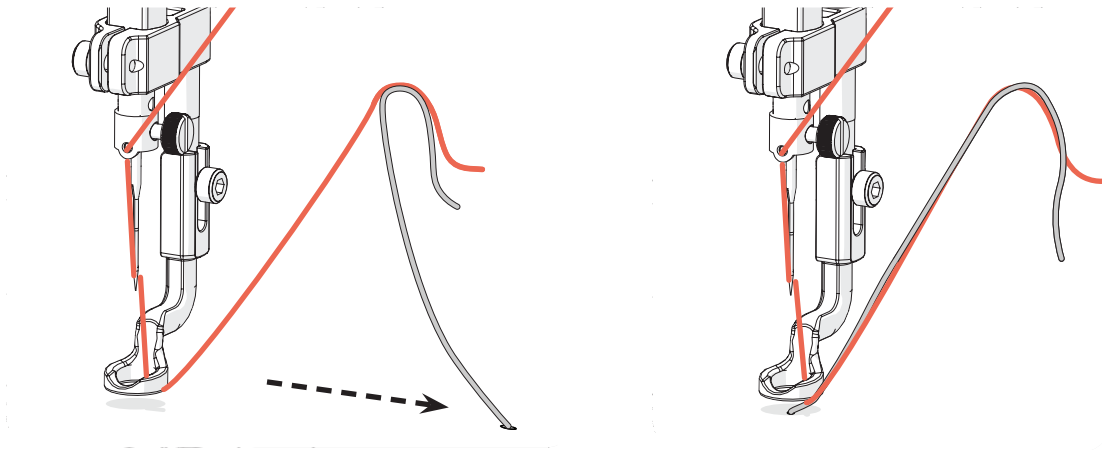
- b Do a single stitch.



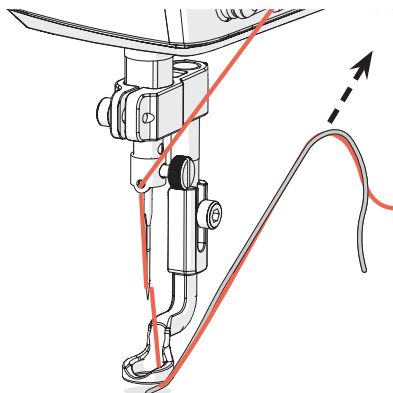
- c Continue holding the thread tail and move the machine away from the stitch until a loop of bobbin thread is pulled up to the surface. Keep pulling until the bobbin tail completely pops out.



- 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.

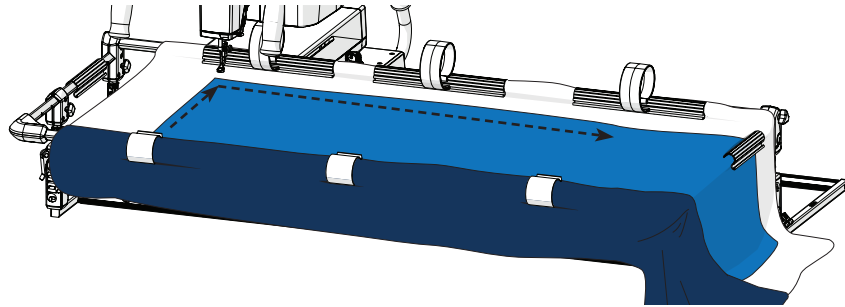


- e Lay the thread tails somewhere they won't get sewn over and then trim them away once you've sewn out your line.
- f If desired, make a securing stitch by placing three stitches close together where you pulled up the bobbin thread.

- 3 Set your machine to slow stitching speed. See your machine's instruction manual for details on how to do this. If your machine does not have speed settings (it might only have stitch size settings, which are irrelevant unless your machine has stitch regulation), you must manually set your speed with your foot pedal when stitching.



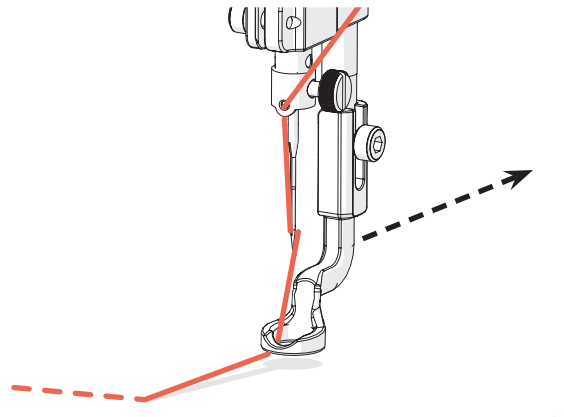
- 4 Stitch up the edge toward the top corner, and then stitch across the top.



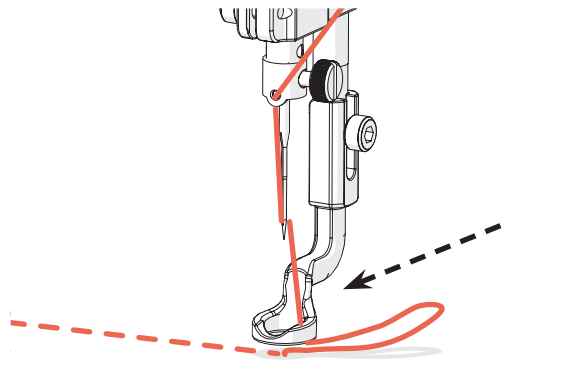
- 5 If desired, make a tie off stitch by stacking 3 stitches on top of each other.

- 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.

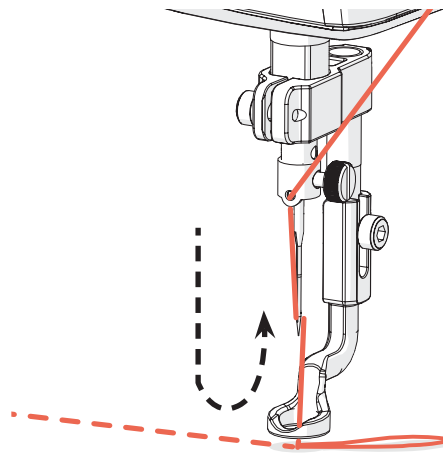
- a Move the machine away from the last stitch.



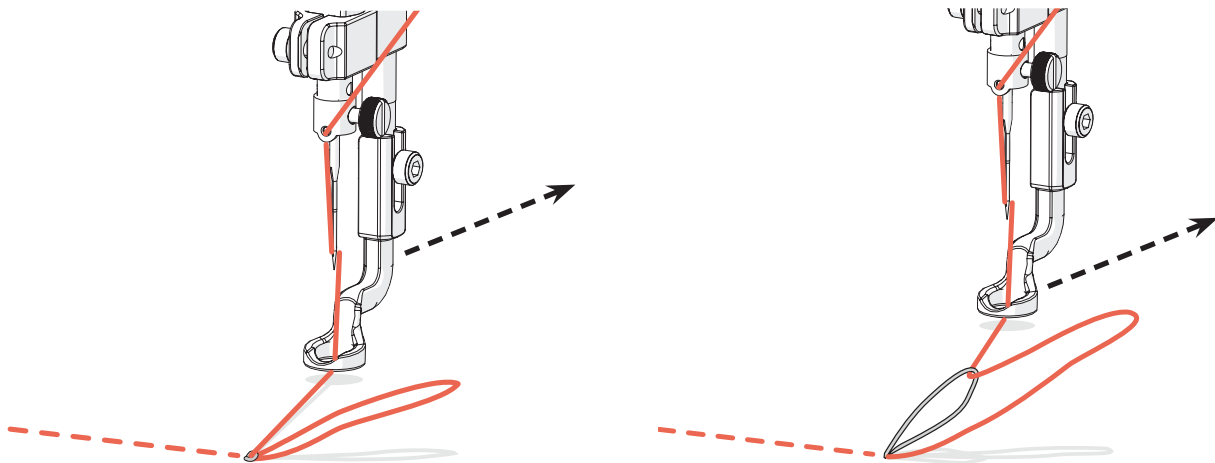
- b Hold the top thread to make a loop and return the needle to the last stitch.



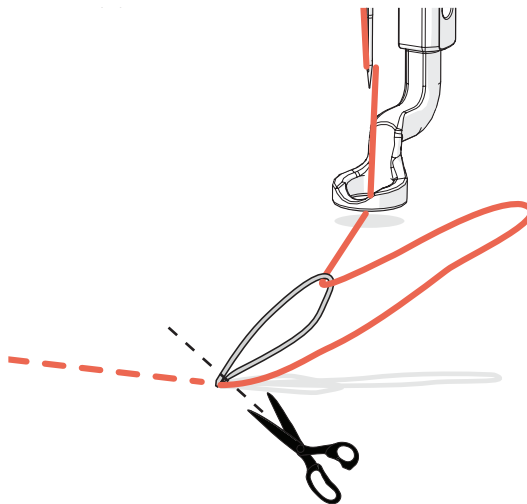
- c Still holding the loop, make a single stitch directly over the last stitch.



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

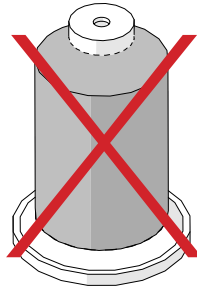


- e Trim away all the threads, close to the tie off or last stitch.

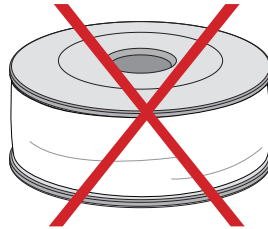


Task 3 - Unthread Your Machine

- 1 Unthread your machine.



- 2 Remove your bobbin from the bobbin case.

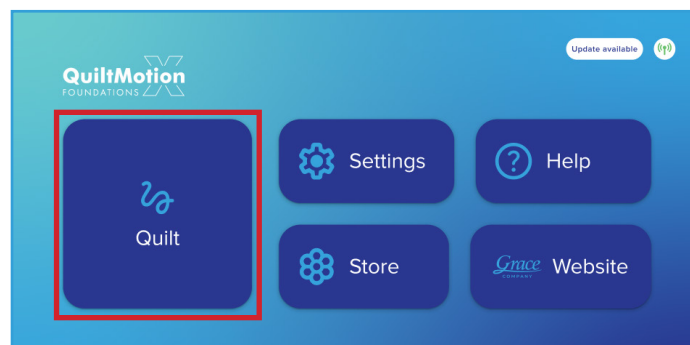


Task 4 - Place a Line

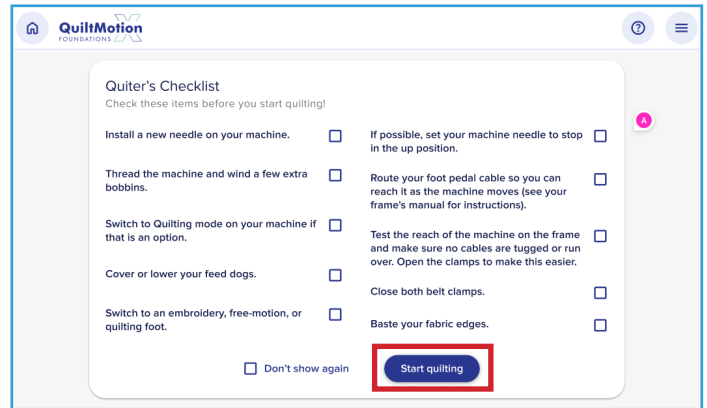
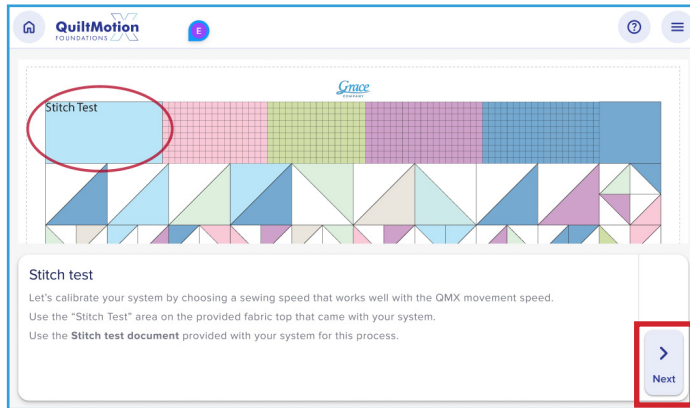
Placing is the process of telling the software the location on the quilt that you want to stitch out a design. This guide will walk you through placing a line and stitching the line out at different speeds on your machine so you can pick what stitching speed makes the best looking stitches while quilting with QuiltMotion X. Once you find a speed you like, record it so you can reference it later; you'll use that speed every time you stitch out a design with the software.

Take the following steps to place a line:

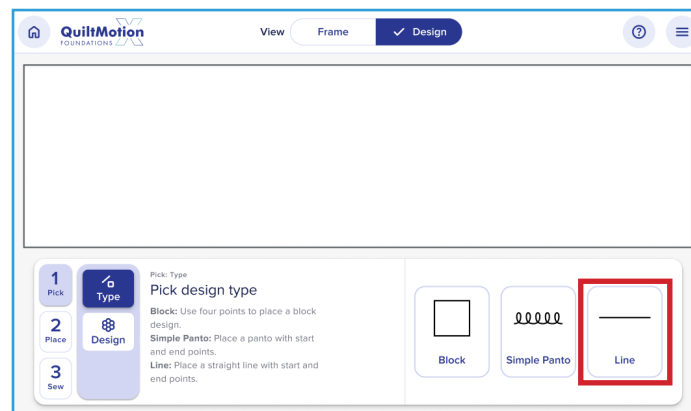
- 1 Open the software and tap **Quilt**.



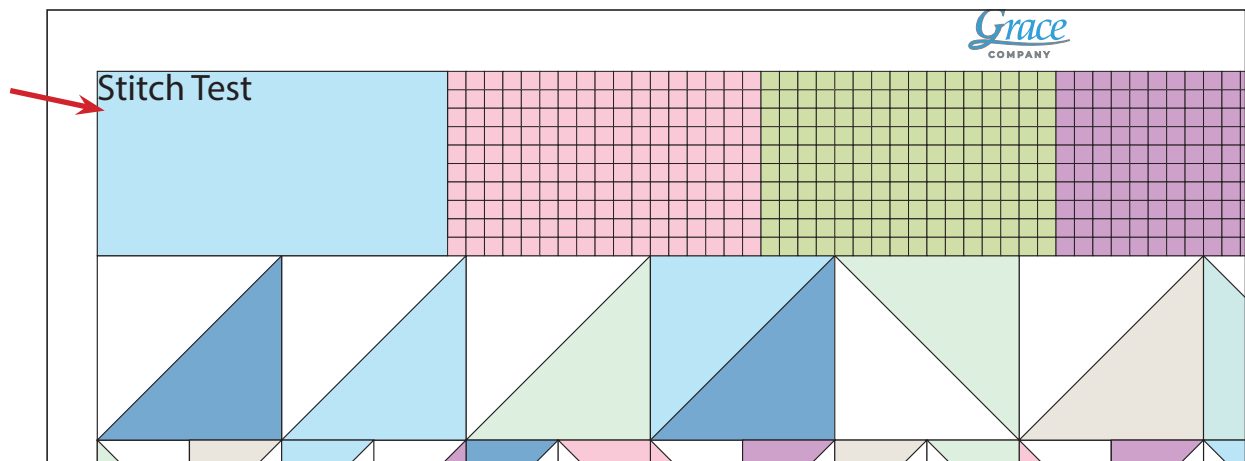
- 2 Depending on whether or not you've opened Quilt before, the Stitch Test screen opens or the Quilter's Checklist screen opens. If applicable, read both screens carefully and tap **Next** and **Start Quilting**.



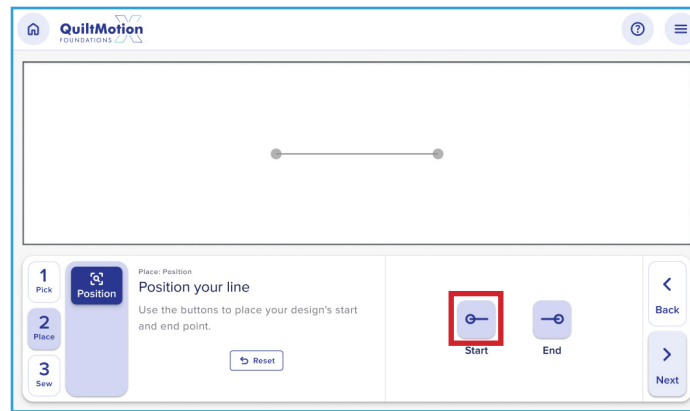
- 3 In the Pick: Type screen, press **Line**.



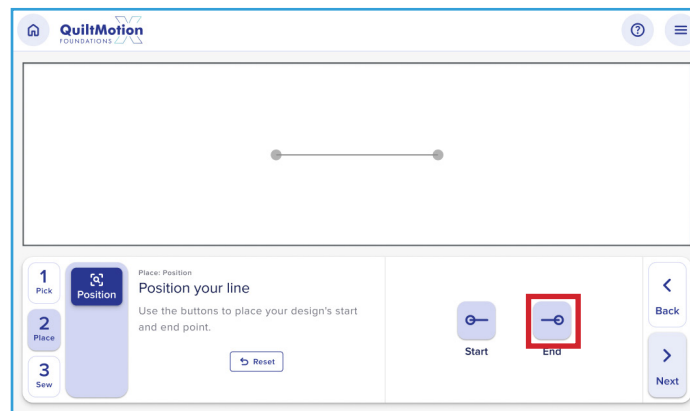
- 4 Position your machine's needle directly over the place you want to designate as the starting point for the line of stitching. In this case, move the machine a quarter inch or so under the S in Stitch. **Tip:** For precise placement, use your hand wheel on your machine to drop the needle close to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



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

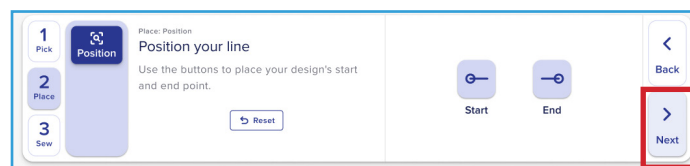


- 6 Move the needle to where you'd like the line of stitching to end. Then tap **End**.

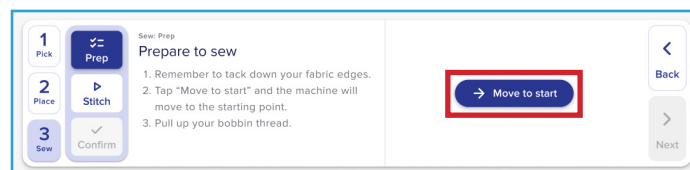


Note: You might notice that the line on your screen isn't totally straight. This is expected. When placing the fabric on the frame, it's very difficult to get the fabric perfectly square with the frame. Any tilt of the fabric on the frame will show up as a tilt in your placement on the screen, which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

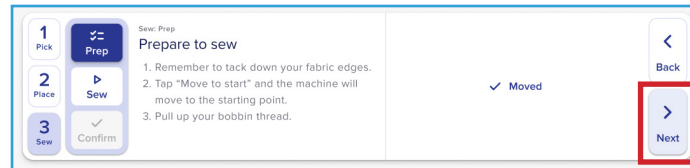
- 7 Press **Next**.



- 8 In the Sew: Prep screen, tap **Move to start**. This shuttles the machine to the start point you set for your line. If you were stitching with thread, you would pull up your bobbin thread now.



9 Tap **Next**.



Task 5 - Test Different Stitching Speeds

CAUTION: Some of the following steps can cause damage to your machine or quilt if performed with the needle threaded or with thread in the bobbin case!

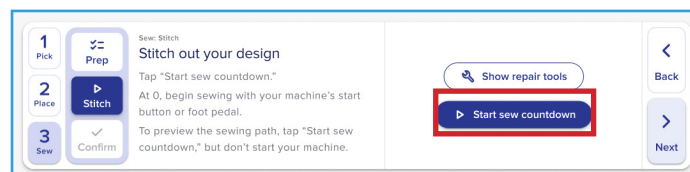
- 1 Set your machine to medium speed.



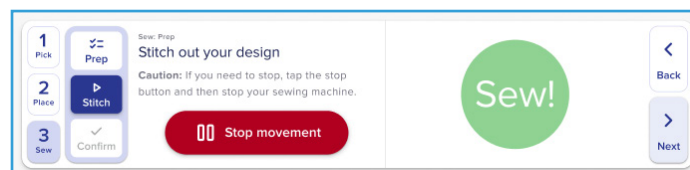
- 2 Get ready to press the start sewing button (or the foot pedal) on your machine.

- 3 **IMPORTANT:** Fully read steps 4–7 before continuing.

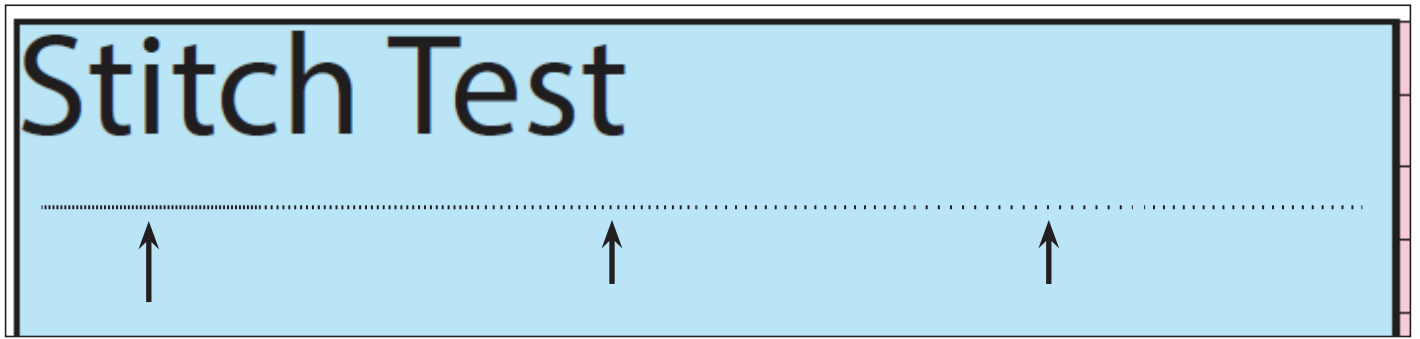
- 4 Tap **Start sew countdown**. At 0, press the button to start sewing on your machine or activate your foot pedal. QuiltMotion moves your machine across the frame where you placed your line and your needle pokes holes in the fabric.



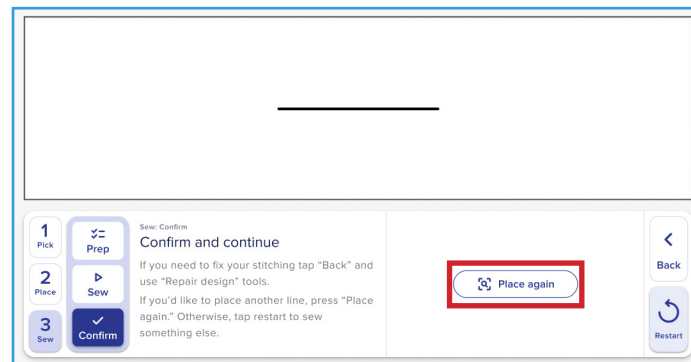
IMPORTANT: When QuiltMotion X is moving your machine, the emergency *Stop movement button* appears. This halts the machine's progress across the frame, but you must manually stop the stitching on your machine. If you must stop stitching, press the stop button on screen first and then immediately stop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



- 5 As you are stitching, look at the holes created by the needle. Adjust the speed on your machine, trying different settings until the holes are about where you would expect them to be for an ideal stitch size.

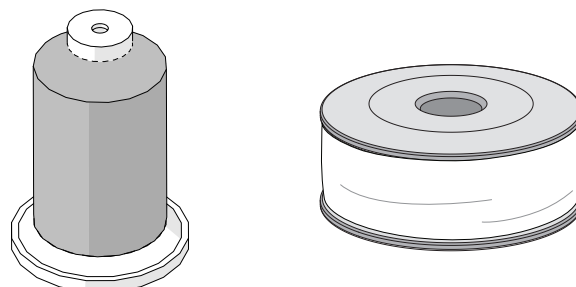


- 6 As the machine reaches the end, prepare to stop the stitching on your machine. Stop stitching as soon as the design ends. When your machine is threaded, allowing the machine to stitch in place for too long can damage the machine and your quilt.
- 7 Make a note of the speed that gave you the stitch length you think looked best.
- 8 On the screen, tap **Place again**. This brings you back to the line's Place: Position screen so you can place another line.



Task 6 - Confirm Your Stitching Speed

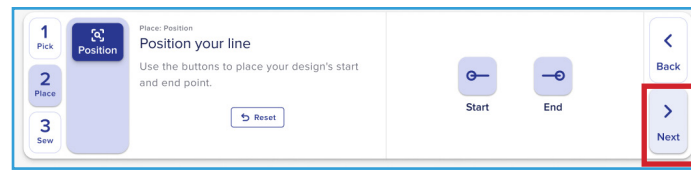
- 1 Thread your machine and re-install the bobbin.



- 2 Place a new line (as described in “Task 4 - Place a Line” on page 6) below the line of holes you created.

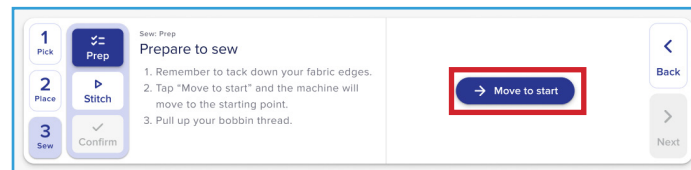


- 3 Then tap **Next** to get to the Sew: Prep screen.



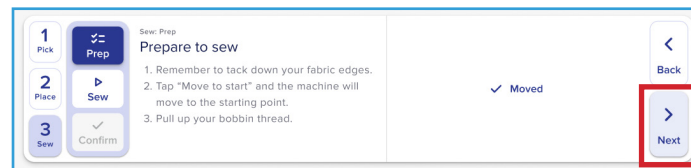
- 4 Set your machine to the stitching speed that looked right in the previous task.

- 5 On the Sew: Prep screen, press **Move to start**. The machine is shuttled to the starting point of the line you placed.

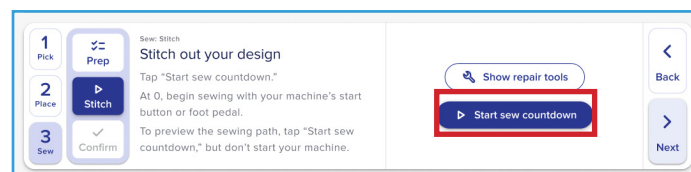


- 6 Pull up your bobbin thread using the steps in Task 2, step 2.

- 7 Tap **Next**.

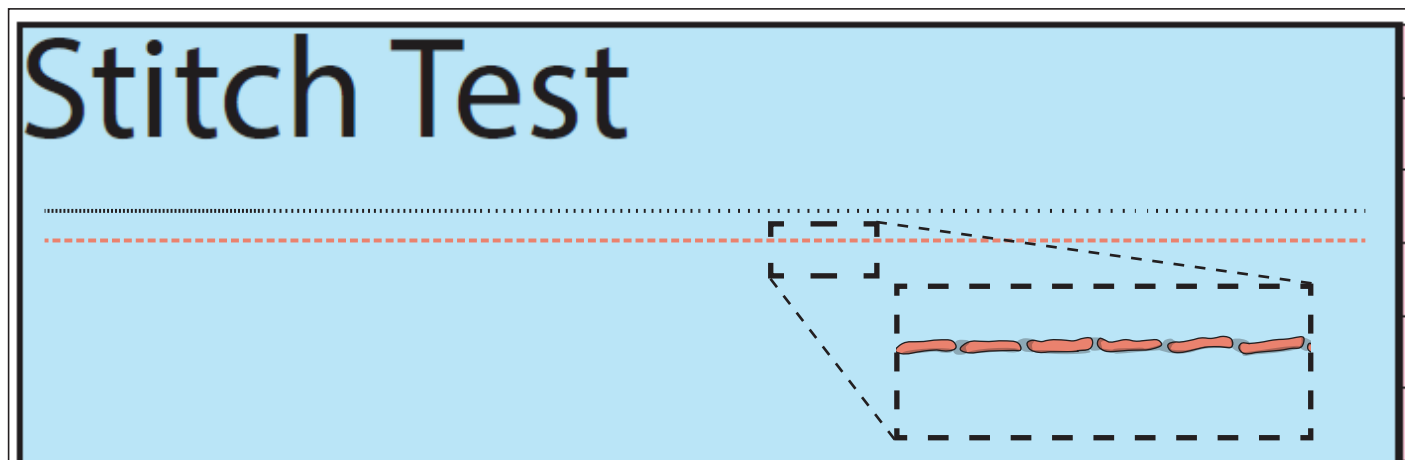


- 8 In the Sew: Stitch screen, get ready to start stitching on your machine and then tap **Start sew countdown** to stitch out your next line. Start stitching at 0.



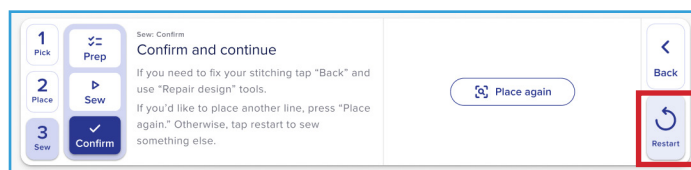
- 9 Stop your machine's stitching at the end of the design.
- 10 Create a securing stitch by making three stitches close to or on top of each other.
- 11 Pull up your bobbin thread as described in Task 2, step 5.

- 12 Check your stitch size. Does it look good? If desired, tap Place again and try this task again with different stitch settings.

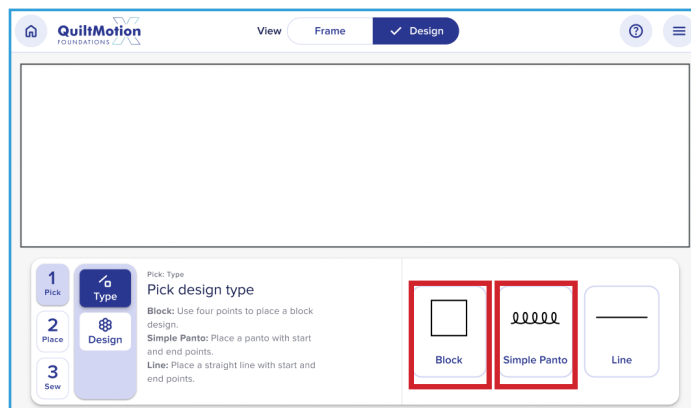


Task 7 - Practice Blocks and Pantos

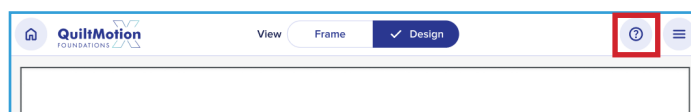
- 1 When you're done stitching out lines, tap **Restart**. This takes you back to the Pick: Type screen, where you can choose to quilt a block or pantograph.



- 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 speed on designs with different features. You might find that getting a sharp point or corner in a geometric design is challenging with the stitching speed you chose. If so, increasing your stitching speed can help achieve that crisp point you're going for.



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