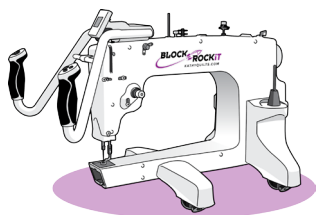


MAINTENANCE AND TIPS FOR YOUR BLOCK ROCKIT & FRAME

Kathy's Quick Reference

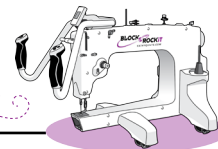
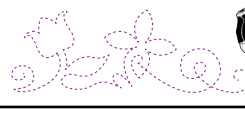


 **KATHYQUILTS**
QUILT BETTER

www.KathyQuilts.com

"We designed the Block RockIT to be fun, reliable, and simple to maintain. This quick reference guide will help you better understand your Block RockIT so you can diagnose and fix just about any issue you may encounter. And you can always count on our KathyQuilts team to be available to help you. Happy Quilting!" --Kathy

Kathy's Quick Reference



SETTING UP YOUR FRAME AND BLOCK ROCKIT

1. When your frame arrives, don't procrastinate! Set up your frame right away so you are ready to set up your Block RockIT when it arrives.
2. If you ordered a frame, you should have received a set of cloth leaders. Attach these leaders after your frame has been assembled.
3. Adjust the frame height. Make sure the front rail is at the height of your elbow
4. When your Block RockIT arrives, install the encoder onto the carriage. It will be easier to do this before putting your machine and carriage onto your frame.
5. Next, put the machine on the frame. You may need to remove the rail first if you're doing this alone.
6. Make sure all your Block RockIT wheels roll on the tracks. If they don't, follow page 8 in the manual to correct the alignment.
7. Install the thread mast and the display screen on your machine. Don't forget to raise the thread mast!
8. Level your frame by adjusting the leveling feet.
9. Use an extension cord for your Block RockIT so the power cord doesn't pull the machine to one side.
10. If you don't have adequate lighting, consider purchasing the handy light bar found on www.kathyquilts.com

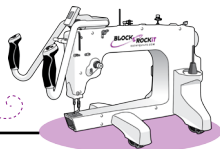


KATHY SAYS: When setting up your quilting frame if you find you are missing parts, Please contact the Grace Company immediately 1-800-264-0644.

QUESTIONS? CALL US: (888) 826-0222
www.KathyQuilts.com

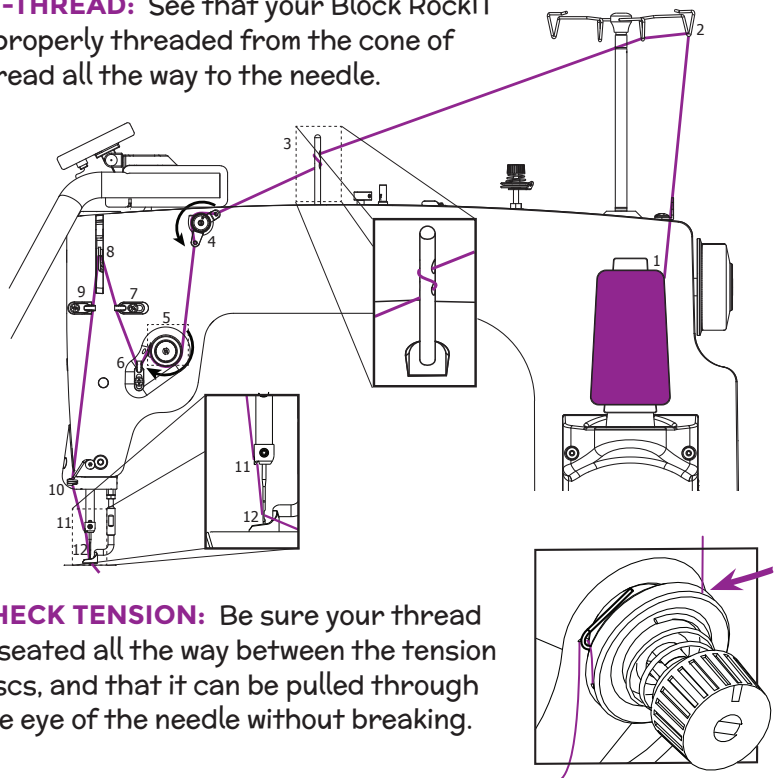
 **KATHYQUILTS**
QUILT BETTER

Kathy's Quick Reference



3 COMMON FIXES (ENCOUNTER A PROBLEM? TRY THESE FIRST)

1. **RE-THREAD:** See that your Block RockiT is properly threaded from the cone of thread all the way to the needle.



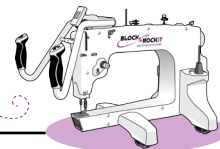
2. **CHECK TENSION:** Be sure your thread is seated all the way between the tension discs, and that it can be pulled through the eye of the needle without breaking.

3. **BASIC MAINTENANCE:** Make sure your machine is cleaned of any lint in the bobbin area, above the needle, as well as in between the tension discs. sure it is properly oiled, and that there is a bobbin in the bobbin case before sewing.



KATHY SAYS:
We have found that these 3 common fixes seem to solve most of the problems quilters encounter.

Kathy's Quick Reference



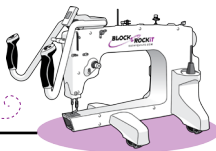
CHECKLIST: BEFORE STARTING A NEW QUILT

1. Make sure your quilting frame is level.
2. Check your machine's wheel alignment. Make sure all your Block RockiT wheels are rolling properly.
3. Blow out your bobbin case, needle area and tension discs. (CANNED AIR WORKS GREAT)
4. Oil your machine and run in manual mode for about a minute.
5. Make sure your hopping foot is a credit cards length from the needle plate.
6. Make sure you have threaded your machine correctly
7. Clean the tracks on your quilting frame. This will prolong the life of your tracks and make you a better quilter!
8. When you roll your quilt, make sure to keep quilt tension and that your quilt sandwich is always parallel to the floor
9. Stitch on a "practice quilt" (2 PIECES OF FABRIC STITCHED TOGETHER) to check for skipped stitches, loops or breaking thread, etc.
10. Make sure leaders are flattened and straight before loading your quilt.
11. Make sure to keep the rolled quilt on the take up rail a fingers width above the throat of the machine.



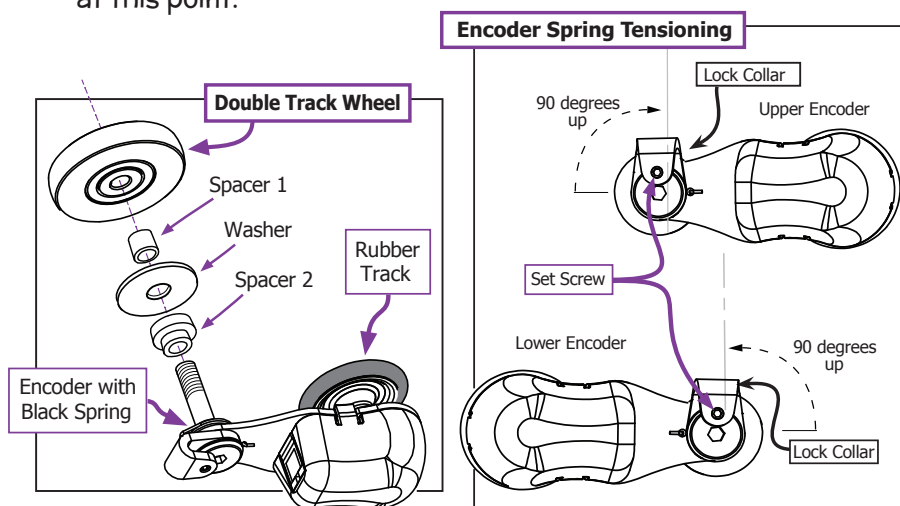
KATHY SAYS: We like to use a magnetic bowl to keep our pins, screws, allen wrenches and other items together. Great way to stay organized!

Kathy's Quick Reference



ATTACHING ENCODERS TO WHEELS

1. Install the carriage encoder and the machine encoder before putting your machine and carriage onto your frame.
2. With the wheel on the encoder, fasten it back in place on machine or carriage. Make sure the set screw is left loose at this point.



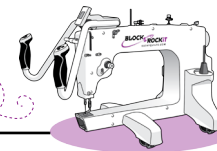
3. Place Machine on frame--advance the set screw 90 degrees.
4. Once both encoders are installed and you feel push back from the spring, plug the encoder cables into the back side of the Block RockiT.



KATHY SAYS:

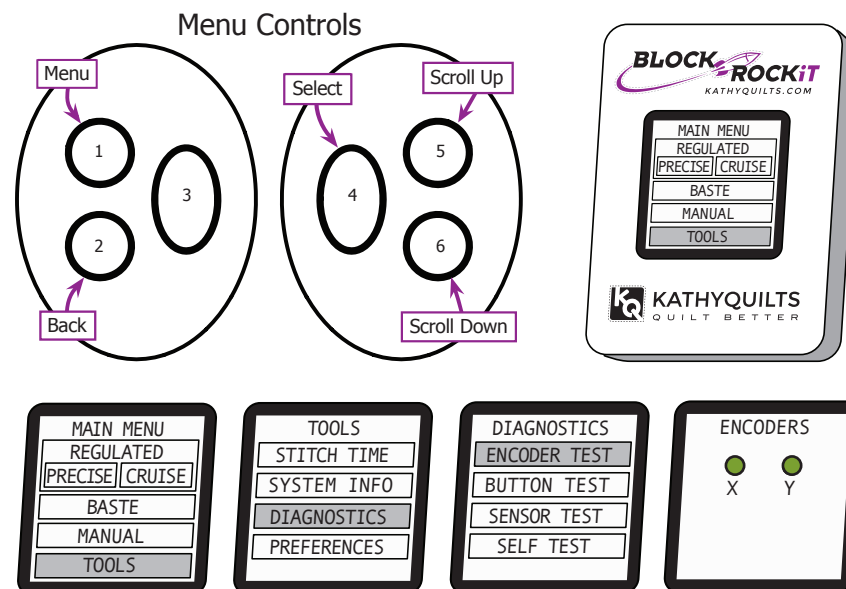
If you need further clarification, watch our helpful "Installing Your Encoder" video!

Kathy's Quick Reference



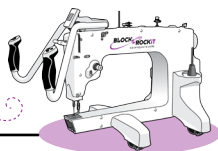
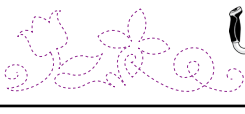
RUN AN ENCODER DIAGNOSTICS TEST

1. Press the top left button on the left handle of the Block RockiT to go to the MAIN MENU on your LCD screen. Use the 2 buttons on the right of the right handle to scroll up and down.
2. Scroll to the TOOLS option and use the left button on the right handle to select TOOLS. Then scroll to and select DIAGNOSTICS. Then select ENCODER TEST.

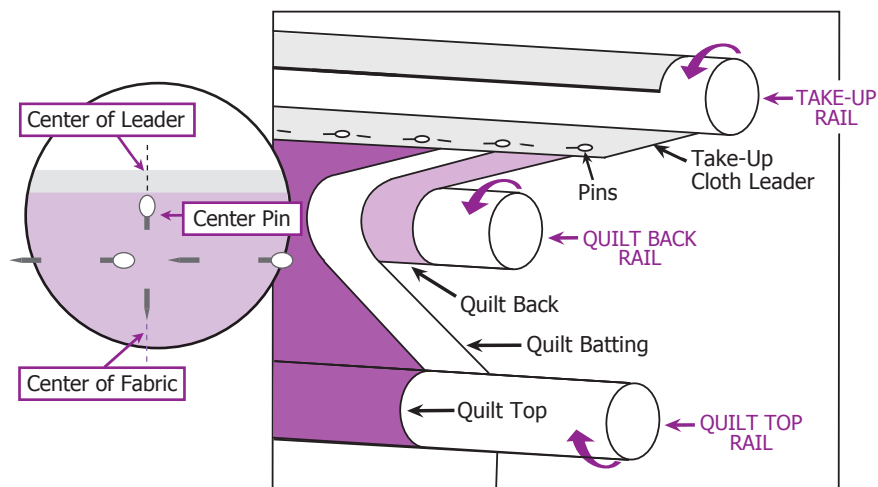


3. Move machine forwards and back as well as side to side. If both X and Y buttons show green on the screen, both encoders are correctly reading your movement. If X or Y have not shown solid green, then make sure encoders are touching the tracks and then test again.

Kathy's Quick Reference



PINNING ON A QUILT



1. Always pin the quilt back on the quilt back rail FIRST.

Put a pin in the center of the quilt backing on both ends. Match up the pin to the center line of the quilt backing cloth leader. Hold these layers together (like a seam in clothing) and start pinning the pins parallel to the edge, about 1/4 or 1/8" from the edge (pins close together-head to tail). Roll it all the way up.

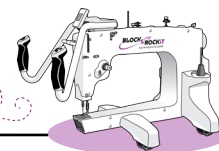
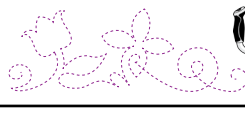
2. Go to the back of the frame. Attach the quilt back to the take up cloth leader in the same way, matching the center to the take up rail center line on the cloth leader. Tighten up the quilt back rail so that layer is flat.

3. Put a pin in the quilt top center (top and bottom). Pin the quilt top to the quilt top rail the same way. Roll it all the way up.



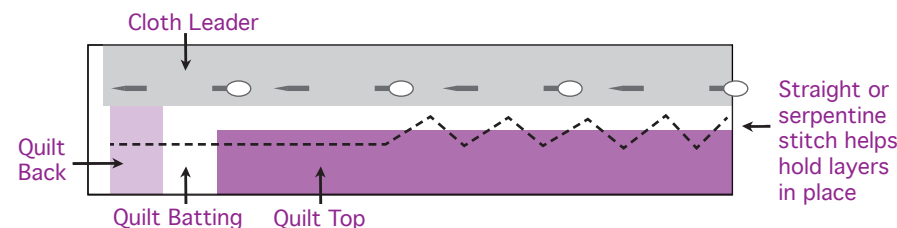
KATHY SAYS:
This great tip is continued on the next page :)

Kathy's Quick Reference



PINNING ON A QUILT (...continued)

4. Lay the quilt batting on top of the quilt back layer. Pat it down flat. Tuck that batting in between the two rails (the quilt back rail and the quilt top rail). Let the batting pool onto the floor.
5. Pull up the quilt top layer. Match the pin to the mark on the take up rail. Lay it down on top of the batting and smooth it down.
6. Starting at the left side, use your Block Rockit (or other quilting machine), to make a straight stitch just at the edge of the quilt top so it will hold down to the quilt back. Kathy likes to go right next to the edge, or even serpentine back and forth onto the quilt, off the quilt, onto the quilt until you reach the right end.



7. Now you can tighten up the Quilt Top rail. Smooth it all flat with your hand, and make sure your quilt on the rail is smooth.

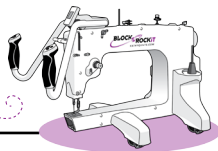
8. Attach your Bungee Side Clamps.

9. **DO NOT OVERTIGHTEN the quilt!** The quilt will quilt better with less skipped stitches if the quilt is slightly 'saggy' and not taut! Now you are ready to quilt.



KATHY SAYS: Keep your Block Rockit manual nearby while you're quilting. Don't forget to check our helpful online videos found at videos.kathyquilts.com and YouTube!

Kathy's Quick Reference



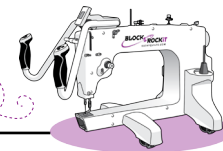
TROUBLE SHOOTING: SKIPPED STITCHES

- ISSUE:** Machine may be improperly threaded
FIX: Make sure thread passes through all tensioners and thread guide.
- ISSUE:** Hopping foot too close or too far from the needle plate
FIX: Hopping foot needs to be a credit cards length from the foot and the needle plate with the needle lowered.
- ISSUE:** Machine may need to be timed
FIX: Use the timing tool to re-time your machine.
(WATCH OUR VIDEO AND CHECK YOUR MANUAL)
- ISSUE:** The needle may be bent or damaged
FIX: Check the needle and replace it if necessary.
- ISSUE:** Bobbin may be wound or threaded improperly
FIX: Check bobbin to ensure it is properly wound and inserted correctly into the bobbin case. (SEE MANUAL PAGES 15-16)
- ISSUE:** The tension may be too tight or too loose
FIX: First be sure your thread is seated all the way between the tension discs, and that it can be pulled through the eye of the needle without breaking. If that doesn't fix the issue, you may have to readjust the tension. (SEE MANUAL PAGE 31)

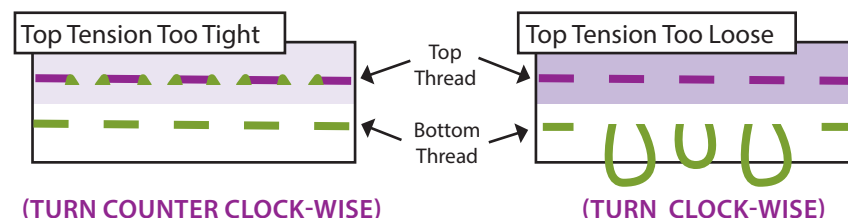


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Kathy's Quick Reference



TROUBLE SHOOTING: LOOPS IN STITCHES / TENSION ISSUES

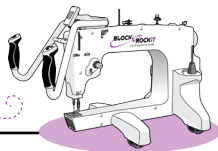


- ISSUE:** Bobbin thread showing on the top fabric
FIX: Tension is too tight. Decrease the tension by turning knob counter-clockwise
- ISSUE:** Top thread is being pulled through the bottom fabric
FIX: Tension needs to be increased by turning knob clockwise
- ISSUE:** Looped stitches on the underside of your fabric
FIX: Tension needs to be tightened; turn knob clockwise
- ISSUE:** Inconsistent looping on top
FIX:
 - Encoder may be improperly installed
 - Make sure machine is threaded correctly
 - Build up of lint in tension discs or bobbin case area; always keep these clean.
 - Check and adjust hopping foot gap (Should be just enough room to slide a credit card under hopping foot)



KATHY SAYS: While adjusting your tension, be sure to quilt on a test quilt piece until tension is fixed

Kathy's Quick Reference



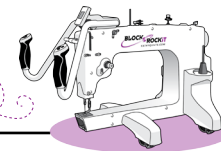
TROUBLE SHOOTING: THREAD BREAKING

1. **ISSUE:** Machine may be improperly threaded
FIX: Make sure thread passes through all tensioners and thread guide. Check thread mast and thread spool
2. **ISSUE:** Thread tension too tight
FIX: Loosen tension by turning tension knob counter clock-wise
3. **ISSUE:** Hesitating too long at one point
FIX: Sewing in one place may cause thread to break. Move machine quicker within speed limitations so stitches don't overlap or build up
4. **ISSUE:** Bobbin not inserted or wound correctly
FIX: Check bobbin to ensure it is properly wound and inserted correctly into the bobbin case. (SEE MANUAL PAGES 15-16)
5. **ISSUE:** Hook holder pressing against assembly or it may have insufficient space
FIX: Readjust the hook holder (SEE MANUAL PAGE 28)
6. **ISSUE:** Timing needs to be adjusted
FIX: If needle is hitting the hook, the thread will break. Follow timing instructions and/or watch our video on timing. (SEE MANUAL PAGE 30)
7. **ISSUE:** Needle bent or burred
FIX: Replace the needle



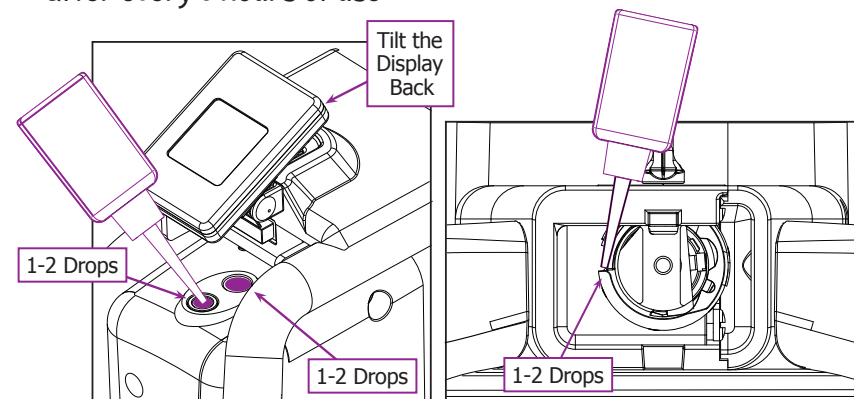
KATHY SAYS:
Remember to use quality thread made specifically for use in quilting machines.

Kathy's Quick Reference



TROUBLE SHOOTING: MACHINE IS RUNNING ABNORMALLY LOUD

1. **ISSUE:** Hook assembly, needle bar and mechanics need oil
FIX: Oil your Block RockiT before use and after every 8 hours of use



2. **ISSUE:** Bobbin winder is continually running
FIX: When not winding a bobbin, the winder cam should be pushed back away from bobbin where it will stop running
3. **ISSUE:** Hopping foot is hitting the needle plate
FIX: Hopping foot should be at a height where a credit card can fit between it and needle plate. Also make sure the needle plate is installed correctly



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