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with Baby Lock



Troubleshooting Baby Lock Crown Jewel and Pro-Stitcher

1. Leveling Your Frame

a. Bars

- i. Both sides should match in height
- ii. Rails should be level with bed of machine
- iii. Idle bar should be a finger tip from bed of machine
- iv. Tools needed wrench and allen key

b. Pole Keeper

- i. Optional with 1st frames built
- ii. Keeps pole from falling out of frame arm
- iii. Tie to buggies

2. Getting Started 2:57

a. Turing on

- i. Machine 1st
- ii. Then the Pro-Stitcher
 1. May be long hold to turn on





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2. Switch location is different for each tablet

iii. Manage cords

1. Machine off

2. Out of way from getting caught

3. Good surge protector

3. Tablet Settings 4:05

a. Swipe finger from right to left

b. Click on settings

c. Control panel or search for file

i. See all features of tablet

ii. Display

1. Click on action center

2. Windows features are shut off

iii. System

1. Windows updates come in with the Pro-Stitcher Updates

2. Found at babylock.com

3. Power settings

a. High performance





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- b. Do not have go into sleep mode or shut off when using the Pro-Stitcher
- c. Do not go on the internet
- d. Autorotate off

4. Threading 6:47

- a. Good quality thread
- b. Right side of frame open for threading makes it easier
- c. Do not skip any holes or placement of threads
- d. Back to front on three-hole slots
- e. Be sure to seat the thread in the tension disks
- f. Spring will hop up and down
- g. Don't miss the hole above the needle
- h. Needle front to back
 - i. Needle 134
 - ii. R – regular standard point
 - iii. FG – ball point
 - iv. Size will change with weight of thread





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- v. Screw driver loosen screw remove needle
 - vi. Curve back on needle
 - vii. Groove front
 - viii. You can tweak the needle with pin to straighten
 - ix. Thread needle before putting in machine
 - 1. Thread helps with position
 - 2. You do not drop needle
 - i. Threading can be tied off
 - i. Use long tale
 - ii. Tie in a square knot
 - iii. Pull threads above the needle screw
 - iv. It may even go through the needle
 - j. Pull up bobbin thread is a best practice
 - i. Needle up down
 - ii. Move machine and bobbin thread comes to the top
5. Adjusting take up rail
- a. Height
 - b. Finger tip above the bed of the machine





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- c. Loosen knob and raise
- d. Be sure
- e. Testing Stitching
 - i. Bring up bobbin thread
 - ii. Stitch forward to backward
 - 1. Test the y encoder
 - 2. Looks good
 - iii. Stitch left to right
 - 1. Test the x encoder
 - 2. Check to see the encoder is moving
 - 3. Check to see the encoder is on frame or carriage
 - 4. Check ribbon cable
 - 5. Check connections
 - a. With machine off
 - b. Seated in ports
 - iv. Check tension
 - 1. Right to tighten
 - 2. Left to loosen
 - 3. 30 min. turn on a clock dial





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4. Test tension stitching and moving in all directions
5. Adjust as needed
6. Advanced setting customizing for your machine
17:27

- a. Update to the latest version
 - i. Located at Babylock.com
 - ii. Clean USB stick
 - iii. Formatted
- b. Version found under About on Pro-Stitcher
- c. Insert USB stick in Pro-Stitcher port on holder
- d. Click on File
- e. Click on Update
- f. Double Click on PSU
 - i. Keep machine still while updating
 - ii. Watch screen and follow instructions
 - iii. There is a document found with each update
- g. Pro-Stitcher reboots automatically
- h. Click on Gear





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- i. Click on Advanced
- ii. General Setting
 1. Simulator
 2. Use tablet off frame
- iii. Communication
 1. Pro-Stitcher and machine talking
 2. Motor Error happens you need to communicate with motors
 3. Keep machine still when setting
 4. You can see machine connection on the Crown Jewel screen
 5. Motor errors happen
 - a. Hitting rail
 - b. Hitting buggies
 - c. Fabric getting caught in foot
 - d. Turning machine and Pro-Stitcher off in the wrong order
 6. Speed Profile
 - a. 1800 CJ
 - b. Not something you want to play with on this version of PS





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7. Logging

8. Motor Torque

a. Adjust to 200

b. Motor movement in and out of corners

7. New Start and End Point 24:20

a. Bobbin thread ran out

b. Thread breaks

c. New Start Point

i. Backing up

ii. Click on PAUSE

iii. Unlock motor if it is locked

iv. Click on Pro-Stitcher

1. Click on New Start End Point

2. Move machine to location you would like the thread to start

3. 4-7 stitches from where it ran out

4. In the Sidebar

a. Single click follows

b. Double click on AUTO locks start point





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- c. Pull up bobbin
- d. Hold thread
- e. Turn on tie off
- f. Resume
- g. Cut threads
- h. Unlock motor
- i. Pull up bobbin thread
- j. Cut and block complete

8. Powering Down 29:09

- a. Shut Pro-Stitcher off 1st
- b. Click File
- c. Click on SHUT DOWN
- d. Click on Shut Down
- e. Shut machine off

