



## Getting to Know Your Baby Lock Vibrant With Chris Tryon



Welcome to this Getting to Know class, lets get started!

### 1. The Accessory Compartment

- Inside the front cover is where you will find the accessory compartment for the Baby Lock Vibrant.
  - This compartment holds all the essential items needed like a small brush for clearing out lint, pack of needles, and screwdriver for changing needles.
  - Also found in the accessory compartment is the 2-thread converter for doing stitches that only use 2 threads and the B stitch finger used for narrow stitches like the rolled hem.

### 2. The Thread Stand

- Pull the thread antenna up until you hear it snap into place.
- Notice that the tensions along the front of the machine are color coded.
- Placing the thread on the thread stand you will notice that the left needle and lower looper threads are not standing straight.



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- Use the thread support disks to make sure the spools of thread are standing straight.
  - The thread support disks will go under the cone holder then the cone holder is replaced on the spool spindle.
3. The Stitch Length Dial
- The Stitch Length Dial is located at the right side of the machine.
    - The standard stitch length is 2.5 and is noted by a small dot on the dial. However, the length can be adjusted from 1-4
    - There is an R setting for creating a rolled hem and a P setting for creating the picot stitch
4. The Cutting Width Dial
- The Cutting Width Dial is located on the left side of the machine and has adjustments from 4-7
    - When adjusting the cutting width dial, a setting of 4 brings the knife closer to the needle and a setting of 7 takes the knife farther away.
    - The Cutting Width Guide is used in conjunction with the cutting width dial to help ensure the accuracy of the seam width.
5. How to Lower the Knife
- Open the front cover and the side or working cover on the machine.
  - Connected to the knife is a spring-loaded cylinder.
  - Push this to the left and turn toward you to lower the knife.
    - To raise the knife, turn the cylinder in reverse after pushed in.
6. The Stitch Finger
- Open the front cover and the side cover on the machine. You will see the stitch finger at the edge of the side cover.
    - The wide stitch finger can be easily removed or slid out easily and replaced by the narrow or B stitch finger
7. The Thread Cutter
- Inside the neck opening of the machine you will find the lever for the thread cutter. Press the lever and the thread cutter will open on the needle plate to the left of the presser foot
8. Attaching the Trim Bin
- There is a nodule on the left side of the trim bin and a clip on the back-right side. Slide the nodule into the bottom hole on the front of the serger, you can then snap the clip in place.



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- To remove the trim bin, press down slightly on the clip so it releases and remove the nodule from the hole. You can then empty the trim in or access the inside of the machine.

#### 9. The Presser Foot Pressure Dial

- The Presser Foot Pressure Dial is found right in front of the left needle thread. It regulates the amount of pressure put on the fabric by the presser foot. The normal setting is 3. You will find that you rarely need to adjustment to this.

#### 10. The Differential Feed

- The Differential Feed is located on the right side of the machine in front of the handwheel.
- The differential feed can be used to gather fabrics or manage difficult fabrics.
- The adjustment of 1 is the normal setting and can be adjusted up to 2 and down to .7.

#### 11. How to Change the Needles

- To better be able to see the needle position, remove the presser foot.
- Using the screwdriver from the accessory compartment, loosen the needle set screw.
- The needle goes in with the flat of the needle facing to the back.
- Slide the needle into place and tighten the screw.
- When the needles are inserted correctly, they will be slightly uneven.

#### 12. The 4-Thread Overlock

- Open the front cover and the side cover on the machine, giving you full access to the upper and lower loopers.
- Starting with the lower looper, put the thread through the guide on the thread antenna. Then, follow the path marked in blue to thread the lower looper. You may need to turn the handwheel to adjust the lower looper so you can access all the thread guides and the eye of the looper. The looper is threaded from the front to the back.
- Repeat these steps, moving to the left for the upper looper following the green path the thread the upper looper.
- Move on to right needle, just to the left of the loopers, and put the thread through the guide on the thread antenna. Follow the orange threading path to thread the right needle.
- Finally, move to the last position, the left needle. Put the thread through the guide on the thread antenna. Follow the red threading path to thread the left needle.



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- For more information on threading consult the user's manual. There are also stitch guidelines for a variety of different stitches on page 28 of the manual. In the manual you will also find information on adjustments to help you perfect your stitch as you stitch on a variety of fabrics.

### 13. Gathering

- The machine will be threaded for a 4-thread overlock.
- The optional gathering foot helps make a nice full gather.
- Adjust the differential feed to 2. This gathers the fabric by increasing the speed of the front feed dogs, pushing more fabric under the needle creating the gather.
- Lengthen the stitch to 4.
- Always thread your tensions with the presser in the raised position to ensure the thread goes fully into the tension.

### 14. The 3-Thread Overlock Wide Stitch

- Open the front cover and the side cover on the machine, giving you full access to the upper and lower loopers.
- Remove the right needle thread from position so it doesn't get tangled while stitching. Also, remove the right needle from position and retighten the screw so it doesn't vibrate out while stitching.
- Starting with the lower looper, put the thread through the guide on the thread antenna. Then, follow the path marked in blue to thread the lower looper. You may need to turn the handwheel to adjust the lower looper so you can access all the thread guides and the eye of the looper. The looper is threaded from the front to the back.
- Repeat these steps, moving to the left for the upper looper following the green path the thread the upper looper.
- Finally, move to the last position, the left needle. Put the thread through the guide on the thread antenna. Follow the red threading path to thread the left needle.
- Check the threading guide for any changes needed to the tension, stitch length, etc. This is found on page 28 of the manual.

### 15. The 3-Thread Overlock Narrow Stitch

- Move the needle from the left needle position to the right needle, tightening the screw after the needle is removed to ensure it doesn't vibrate loose while stitching.



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- Place the thread in the left needle position on the thread stand. Thread the left needle following the orange threading path.
- Check the threading guide for any changes needed to the tension, stitch length, etc. This is found on page 28 of the manual. Make any necessary adjustments after stitching.

#### 16. Narrowed Rolled Hems

- With the machine set for a 3-thread narrow stitch, adjust the stitch length to the R position for the rolled hem.
- Adjust the cutting width to 7. Depending on the fabric, this may need to be adjusted.
- Remove the stitch finger from the machine. Put it in a safe place so it doesn't get lost. You are now ready to stitch.

#### 17. The 2-Thread Converter

- The 2-thread converter is used for 2-thread stitches like the flat lock, 2-thread narrow hem and 2-thread wide. It connects to the lower looper and is used to push the thread under the needle to form the stitch. You need to be sure that the small end hooks into the eye of the looper.

#### 18. The Wrapped Overlock Stitch

- Only 2 threads are used for this stitch, the left needle and the lower looper. The needle tension is set at 4 and the looper tension is set to 1. The looper thread will wrap around the front and back of the fabric. It's an ideal stitch for knits.

#### 19. The Flatlock Seam

- You will thread for a 3-thread basic overlock stitch, with the left needle and upper and lower looper.
- Adjust your stitch length to 2.5. Set the lower looper tension to 7 and the upper looper to 4. Set the left needle tension to 0. Lower your cutting blade.
- With this stitch, it's very important to use a guide to ensure an even seam allowance once the stitch is pulled open.

#### 20. Changing Presser Feet

- The first thing you will do is raise the presser foot.
- To release the foot from the presser foot holder, press the black lever at the back of the foot. Once the foot is released, slide it to the left.
- To replace the foot, you will line the small bar on the foot with the hook on the presser foot holder and lower the foot to snap it into place.

#### 21. Removing Stitches

- To remove your stitches, separate the needle threads from the looper threads.



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- Pull the needle threads to gather the fabric then continue to pull to release the gathers. Continue this until the needle threads have been removed from the fabric then the looper threads are simply pulled away from the fabric.

## 22. Keeping Your Machine Clean

- Remove the threads from your machine. Open the covers on the machine. Then you can use a small vacuum cleaner or make-up brush to remove all the dust and debris build-up on your machine.
- Keeping your machine clean will help prevent past projects becoming part of a current projects. It will also help your machine run smoothly for a long time to come.

*Thank you and we hope you have enjoyed this video. There are more videos on this site we know you will love. Please visit your local Baby Lock retailer for product information and thank you again for joining me. I hope to see you again soon!*

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