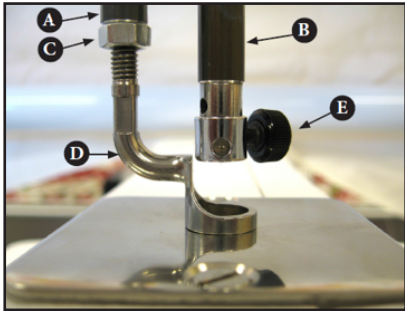


Hopping Foot Conversion Kit

Item # BLQ-HFK

Overview

These instructions are for installing the Feet Mount for use with the various feet. This kit and the interchangeable feet work with all Baby Lock Jewel, Crown Jewel, and Tiara quilting machines. Read all instructions before removing the original hopping foot.



- A: Presser bar
- B: Needle bar
- C: Lock nut
- D: Hopping foot
- E: Needle clamp screw

To replace the original hopping foot with the Feet Mount

NOTE: You need to do this procedure one time only to prepare your machine to use the interchangeable feet available from Baby Lock.

1. Rotate the hand wheel to bring the needle to its highest position.
2. Remove the needle.
3. Remove the needleplate.
4. While holding the hopping foot firmly, loosen the lock nut by turning it clockwise with the 8mm wrench.



5. Remove the hopping foot by turning it clockwise. *The presser bar is spring loaded and can be raised higher by pushing it up by hand if necessary to get the foot off.*

These instructions continue at the top of the page.

Kit Contents

1. Feet Mount (QM10512)
2. Hopping Foot (QM10511)
3. Open-toe Foot (QM10510)
4. M4 screw (QM10173)
5. 8mm wrench (QM40235)
6. 2.5mm hex tool (QM10286)

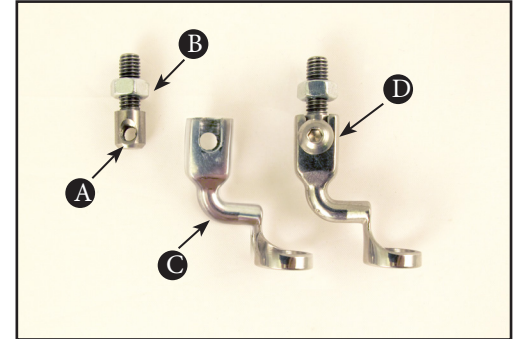
You may also need:

- Flat-head screw driver



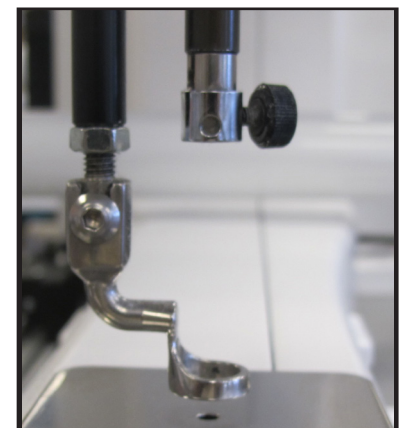
IMPORTANT NOTE: If the foot cannot be fully removed without hitting the machine, take your machine to an authorized Baby Lock Retailer.

6. Remove the lock nut from the hopping foot and screw it onto the Feet Mount until half of the threads are above the lock nut.



7. Attach the Feet Mount (A) by turning it counterclockwise a minimum of four turns into the presser bar. You may need to turn it until it hits the nut (B).
8. Attach the Hopping Foot (C) to the Feet Mount (A). Slide the foot onto the mount as far as it will go. Insert the screw (D) through the U-shaped cutout of the foot. Tighten the screw with the 2.5mm hex tool. (Hint: If you have the 1.5mm couching foot, use it instead of the hopping foot to help you center the foot with the needle in step 14).

IMPORTANT NOTE: The mount must be rotated into the presser bar a minimum of four turns. Be careful to start it straight into the presser bar threads. If it starts crooked or is too hard to turn, remove the mount and try again making sure it goes in straight.



9. Replace the needle plate.
10. Place a thin business card under the foot to protect the needle plate during this step. Rotate the hand wheel to bring the needle bar and presser bar to their lowest positions.

- 11. Adjust the height of the foot by rotating the foot into the presser bar clockwise or counterclockwise until the foot is no more than 0.5mm from the needle plate, about the thickness of a regular business card.
- 12. Raise the needle bar to its highest position.
- 13. Replace the needle.
- 14. While firmly holding the foot centered with the needle, slowly lower the needle to its lowest position into the foot hole and the needle plate. Tighten the lock nut with the 8mm wrench by turning it counterclockwise. Make sure the needle is in the center of the foot. This will fix the height and center position of the foot.



Note that there is too much gap between the bottom of the foot and the needle plate. If the height of the foot needs to be adjusted, refer to step 11.

Final Quality Check

If the Feet Mount and interchangeable foot are properly installed:

- The hand wheel will turn freely through an entire stitch cycle.
- The hopping foot will be no more than 0.5mm above the needle plate when the needle and hopping foot are in their lowest position.
- The needle will be centered in the hopping foot ring (or the center hole in the couching foot).

➡ **IMPORTANT NOTE:** Too much gap between the hopping foot and needle plate may cause sewing issues, including skipped stitches. The foot may lightly touch the needle plate when in its lowest position.



✎ **NOTE:** Use the lock nut to adjust the foot if it needs to be rotated or the height needs to be adjusted.

➡ **IMPORTANT NOTE:** The mount must be at least four turns into the presser bar as indicated in the important note following step 8. If the foot is not low enough (as shown in the photo below), the machine will need an internal adjustment, see your Baby Lock Retailer.

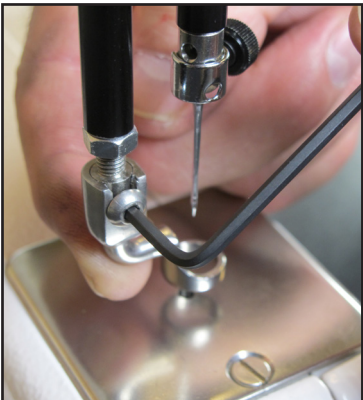
To attach one of the interchangeable feet

After you have converted your machine to use the interchangeable feet, use these instructions to switch between feet.

- 1. If another foot is on the mount, use the 2.5mm hex wrench to loosen the mounting screw far enough that you can slide the foot off of the mount.
- 2. Slide the desired foot onto the mount. Note that the opening on the side of the foot is lined up with the screw hole. Push the foot up as far as it will go.



- 3. Ensure the foot is centered with the needle when the foot is fully tightened with the 2.5mm hex wrench. If it isn't properly centered, loosen the lock nut; center the foot with the needle; hold the foot in position; and firmly tighten the lock nut.



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If you have questions, visit your Authorized Baby Lock Retailer.

Baby Lock Consumer Helpline: 800-313-4110
www.babylock.com