baby lock

Baby Lock Unity
(Model BLTY)
Software Update Version 4.00
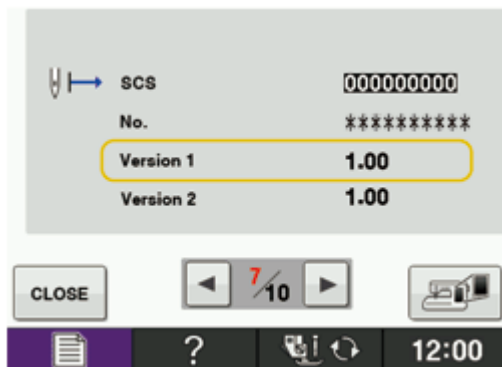
June 2019

Introduction

If the software version of your Unity (Model BLTY) is earlier than version 4.00, an update program is now available for download to improve its performance.

Version 4.00 update will provide the following changes:

1. The stitch width settings of the following buttonhole patterns will be changed to up to 6 mm: stitch numbers 4-01 through 4-08.

2. Improved machine's functionality for reading the pattern data from USB DVD/CD drive

To confirm the software version of your BLTY

1. Press the power switch to turn on your machine. The LCD screen comes on.

2. Touch anywhere on the initial screen.

3. Press ▤ (Machine Setting Mode Key) at the bottom of the display. The Settings screen appears.

4. Switch screens by using ◄ (Previous page key) or ► (Next page key) to display the software version.

5. If "**Version 1**" shown in the screen is already **4.00** or later, it is not necessary to update your machine with the software on this page.

If "**Version 1**" shown in the screen is lower than **4.00**, follow the procedure to update your machine.

How to download the update program

1. Create a temporary folder (ex. C:\Temp) on your computer to save the program file to be downloaded.

2. Click the Download link on the download page for your machine. The update file is named **V_V400_taco_A.upf**, and it is **54.0 MB** in size.

3. Select the previously created temporary folder (ex. C:\Temp) where the downloaded file should be stored, and then download the file.

How to update your machine's software

The following two methods are available to update your machine's software.

1. Update procedure using USB media

2. Update procedure using a computer connection (USB Function)

Follow the procedure described in the instruction manual.

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* * * NOTE * * *

➢ Do not turn off your machine while the machine is saving the update software to itself. If the machine's power is turned off while saving the update software, it may result in damage to the machine.

➢ When using USB Flash drive (USB Flash memory) to update the machine's software, check that no data except for the update file is saved on the USB Flash drive (USB Flash memory) being used before beginning update.

➢ When using a computer connection to update the machine's software, check your computer's operating system.
USB functionality is only available to be used with **Microsoft Windows 7/ 8.1/ 10.**

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Baby Lock Unity (Model BLTY) Update History

➤ **Version 3.03 update provided the following changes.**

1. Improved machine's functionality for returning the presser foot to the proper position after canceling the free motion sewing mode.

➤ **Version 3.02 update provided the following changes.**

1. Improved machine's functionality for Automatic Presser Foot Lift functions.

   This function cannot be used when using the function to specify the sewing end point with the sensor pen.
   The function can only be used with stitches where presser foot "J", "N" or "X" is indicated in the upper-left corner of the screen. If any other stitch is selected, it is not available.

   Note:
   Automatic Presser Foot Lift functions are only available for BLTYU2 (Sewing Upgrade for BLTY, BLJY, BLCR, BLAR) users.

2. Improved machine's functionality for keeping the proper position of the embroidery foot when moving the embroidery frame after cutting the thread.

3. Improved machine's functionality for sewing reinforcement stitches when embroidering.

4. Modified the illustrations for explaining the usage of a certain stitch in the sewing guide function.

➤ **Version 3.00 update provided the following changes.**

1. Improved machine's functionality for sewing reinforcement stitches when embroidering.

➤ **Version 2.01 update provided the following changes.**

1. Improved the thumbnails display of some embroidery characters.

➤ **Version 2.01 update provided the following changes.**

1. Added the Reinforcement Priority function.
   "Reinforcement Priority" has been added to page 3 of the settings screen.

   * This feature is available for the sewing functions only.
2. Improved the following sewing function.
   The sewing speed for decorative stitches. (from 400 spm to 710 spm)
   The speed to begin sewing utility stitches and decorative stitches. (from 70 spm to 110 spm)

* "spm" is the number of stitches sewn in one minute.

3. Enhanced the texture of hand-look quilting stitch.
4. Improved machine's functionality for the following features or some issues.
   4-1. Capability for recalling particular PES data that contains incompatible format
   4-2. Embroidering frame patterns
   4-3. Selecting or editing stitch patterns in the Utility Stitch Screen

➢ **Version 1.13 update provided the following changes.**

1. Fixed the situation where the machine may not raise the presser foot when moving the carriage of the embroidery unit for rethreading the upper thread during embroidering.

➢ **Version 1.12 update provided the following changes.**

1. Fixed the situation where the machine may not sew reinforcement stitches correctly when using the pivot function or the free motion sewing mode.
2. Corrected the misspellings of the word.

➢ **Version 1.11 update provided the following changes.**

1. Improved the upgrade function.
2. Fixed the situation where the machine did not initialize the thread cutter unit correctly and that may cause a trouble such as failure of the thread trimming or the improper thread trimming.

➢ **Version 1.08 update provided the following changes.**

1. Improved the quality of reinforcement stitches when embroidering.
2. Fixed the situation where the machine may not work correctly when sewing reverse (reinforcement) stitches of some utility patterns on the automatic reinforcement stitching mode.
3. Fixed the situation where the machine reboots when loading an embroidery pattern in the original embroidery card created by ESS/ ESS-2.
4. Increased selectable stitch patterns when using the Dual Feed Foot.
5. The following error message will be displayed on the LCD if the machine is the following situation.
   Error Message:
    To thread the needle, please remove the fabric from under the presser foot.
   Cause/Solution:
    This message is displayed if you press the "Automatic Threading" button while the dual

feed foot is attached and the presser foot height is 3 mm (1/8 inch) or higher. Remove the fabric, and then press the "Automatic Threading" button again.

➢ **Version 1.06 update provided the following changes.**

1. Fixed the situation where the machine might reboot when touching the screen while playing the opening movie in the display.

➢ **Version 1.05 update provided the following changes.**

1. The procedures to specify the sewing end point using the sensor pen have been changed. After updating your machine to version 1.05, the procedures are different from those described in the Instruction and Reference Guide.
2. Fixed the situation where the machine stops immediately when sewing reverse/reinforcement stitches using Multi-Function Foot Controller with selecting the pivot setting.
3. Fixed the situation where the machine may continue sewing reverse/reinforcement stitches despite releasing side pedal of the Multi-Function Foot Controller when main foot controller is depressed
4. Improved so that the black roller belt on the dual feed is stopped when the feed position lever is switched from down to up.
5. Improved so that the machine remembers the name for removable disk when it is named by user on the PC.
6. Electric power consumption of the machine in the "Shutoff Support Mode" is reduced to 0.5W or less.

➢ **Version 1.04 update provided the following changes.**

1. Fixed the situation where the machine may not recognize USB flash drive when re-inserting it to the USB port on the machine.
2. Improved the program for initializing the machine when the machine is turned on.

➢ **Version 1.03 update provided the following changes.**

1. Improved the function for specifying the sewing end point using the sensor pen.