



Baby Lock Solaris (Model BLSA) Software Update Version 4.51

September 2022

Introduction

If the software version of your Solaris (Model BLSA) is earlier than version 4.51, an update program is now available for download to improve its performance.


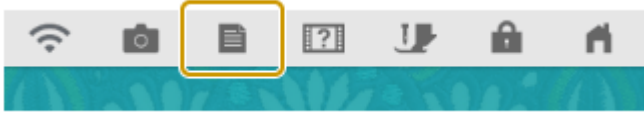


Note:

Some memorized settings might be altered. For best results, test stitch before using saved stitches.

Version 4.51 update will provide the following changes:

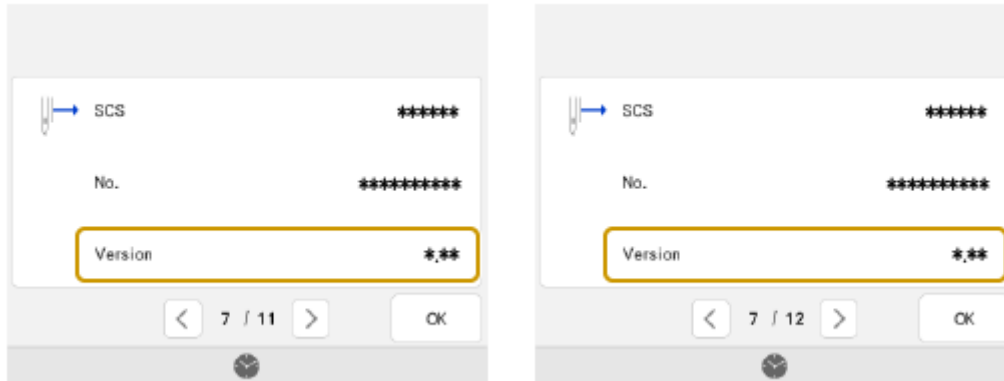
1. Improved the stitch tapering function. (For Upgrade Kit 3 users only)
2. Improved machine's functionality to download the update file to the machine via a wireless network connection.
3. Improved machine's functionality to display the update mark on the wireless LAN key.
4. Improved the automatic presser foot lifting function that lowers the presser foot at the start of sewing.

How to confirm the software version of your BLSA

1. Press the power switch to "|" to turn on your machine.
2. If the opening movie is played, touch anywhere on the LCD screen.
3. Press  (Machine setting screen key) to display the machine's settings screen.

4. The machine's settings screen appears.
5. Switch the settings screens by using  (Previous page key) or  (Next page key) to display the machine's program version.

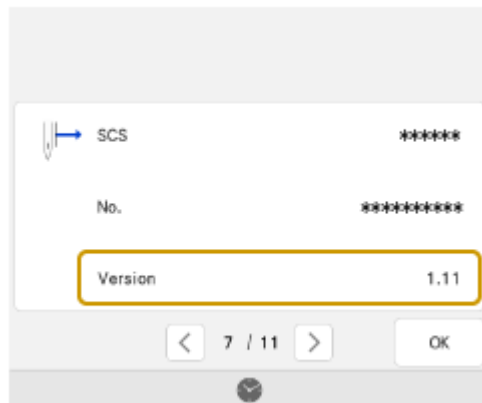


6. Check the version shown on the display as described below.



Total number of pages on the setting screen varies depending on the software version. The machine with version 2.00 or higher has a total of 12 setting pages.

- If "**Version**" is already "**4.51**" or later, it is not necessary to update your machine.
- If "**Version**" is lower than "**4.51**", update your machine's software with the Version 4.51 update file. However, if "**Version**" shown in the screen is lower than 2.05, it is recommended to update your machine's software with the Version 2.05 update file first, before installing the Version 4.51 update file.



How to update your machine's software

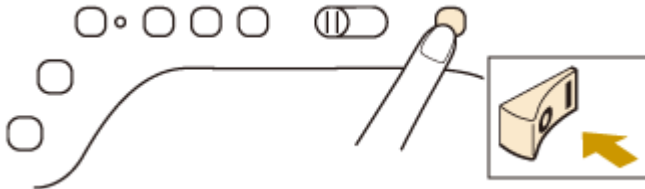
- You must use a USB flash drive to update your machine's software if the version is lower than 2.00.
- You may use a USB flash drive or the machine's wireless network connection if the version is 2.00 or higher.



***** NOTE *****

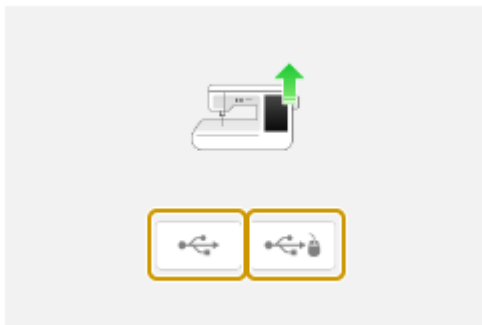
- Do not turn off your machine while the machine is saving the update software to itself. If the machine's power is turned off while saving the update software, it may result in damage to the machine.
- Use a 4GB or larger USB flash drive when updating the machine.
- Check that no data except for the update file is saved on the formatted USB flash drive, before beginning update.


How to update your machine's software using a USB flash drive


1. Insert the USB Flash drive into the USB port on the computer.
2. Copy only the update file, XP_V451_taco_P.upf, to the USB flash drive.
3. Safely remove the USB flash drive from the USB port on the computer.
4. While pressing the "Automatic Threading" button, turn the main power to ON.



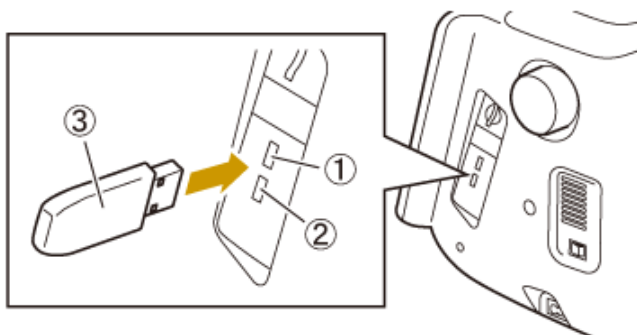
5. The upgrade screen will appear on the LCD. Press  or  .



 : Press this key to load the program file from the USB flash drive plugged into the USB port for media

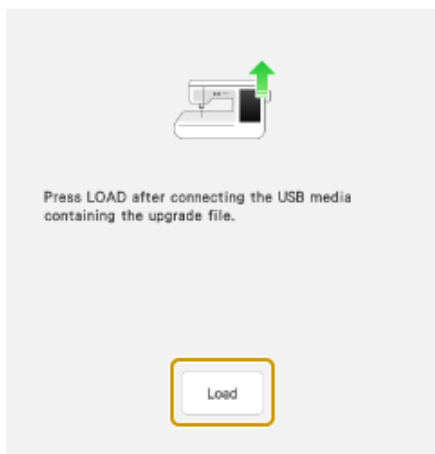
 : Press this key to load the program file from the USB flash drive plugged into the USB port for mouse

6. Insert the USB flash drive into the USB port on the machine corresponding to the USB key pressed in step 5.



- ① USB port for media ② USB port for mouse ③ USB flash drive

7. Press Load key.



8. When the message "Upgrade complete" appears, the update file has been loaded.




9. Remove USB flash drive from the USB port on the machine.
10. Turn the machine off and on again.
11. Your machine's software has been updated to version 4.51.

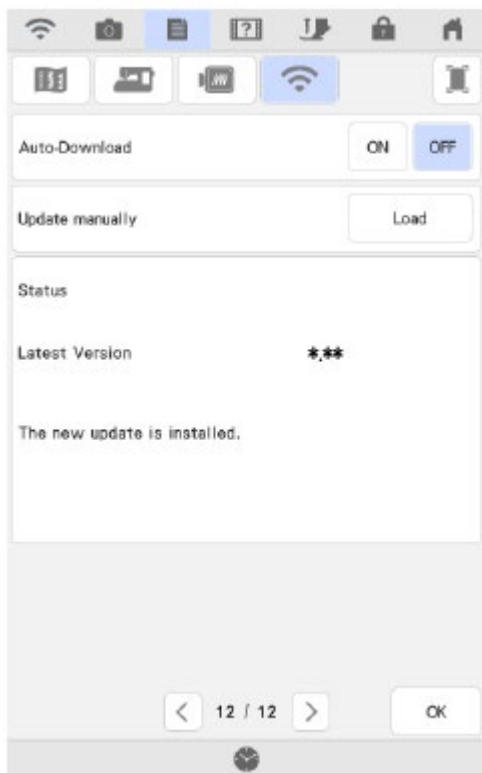


How to update your machine's software using a wireless network

If the machine is at version 2.00 or higher AND it is connected to a wireless network, update files can be downloaded directly to the machine using this network.


[Procedure for software version 2.00 or higher and lower than 4.00]

1. Press , display the following screen, and then download the file using either method.



- When [Auto-Download] is set to “ON”, the machine periodically checks if there is a new version of the update file. If there is one, it is downloaded.
- If [Load] is pressed, the machine will check if there is a new version of the update file. If there is one, it is downloaded.


The result from checking appears at the bottom of the screen.

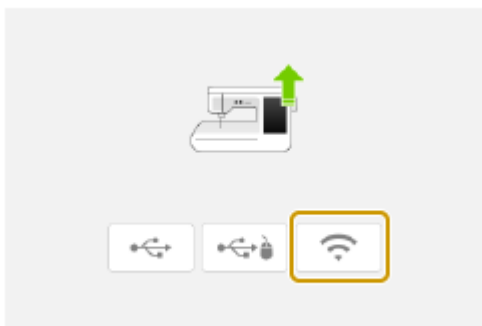
- If downloading is in progress, or if downloading is complete,  appears on the Wireless LAN key in the upper-left corner of the screen. Press the key to view the status in the settings screen.



- Operation of the machine may become slow during downloading.


2. When downloading has finished, turn off the machine, then hold down the “Automatic Threading” button while turning on the machine.

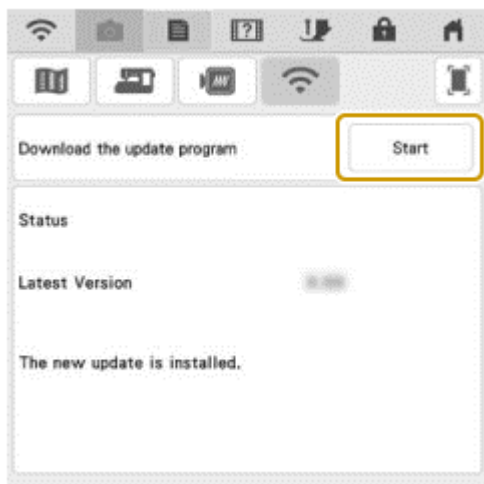
3. Press  to update the machine.



Be sure to 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.

[Procedure for software version 4.00 or later]

1. Press  , and then, display page 12 of the settings screen.
2. Touch “Start” key.
The machine starts to download the update file if there is a new update file on server.

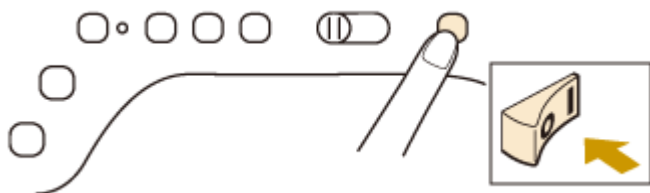



Note:

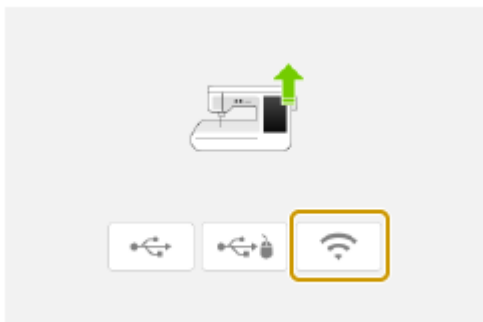
Do not turn off the machine during the download.

Touch "Pause" key to pause the download. To restart, touch "Resume" key.

- When downloading has finished, turn off the machine, then hold down the “Automatic Threading” button while turning on the machine.



- Touch  key to update the machine.



- Touch “Load” key to update the machine.

Note:

Be sure to 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.



Baby Lock Solaris (Model BLSA) Update History

➤ **Version 4.03 update provided the following changes:**

1. The following functions have been enhanced with the software version 4.03.

(1) Sewing

The function to flip the main guideline position is added.

(2) Embroidery

- The optional magnetic frame (254 mm × 254 mm (10 inches × 10 inches)) can be used on the machine.

- Thread tension changed from the default setting will remain after turning the machine off and on.

(3) IQ Designer

A number is displayed in the upper left of the stamps.

The size of the stamp can be changed by specifying a numerical value.

(4) Update Procedure

The update procedure using the wireless network connection will be improved.

(5) Others

“**Reset to Default**” menu is added to the settings screen.

All saved data, customized settings and network information in the machine can be erased.

✧ To learn new features, read the instructions about the update Ver.4.00 in the **Instruction and Reference Guide Addendum**.

2. Improved machine's functionality of the Line scan function and the Illustration scan function when using a specific embroidery frame with IQ Designer.

➤ **Version 3.51 update provided the following changes:**

1. Reduced operating noise when using the Digital Dual Feed Foot.

➤ **Version 3.50 update provided the following changes:**

1. The optional magnetic frame EMF180 can be recognized on the machine.

The maximum embroidery area available for this frame is 130mm x 180 mm (5 inches x 7 inches)

2. Improved machine's functionality of the thread color sequence display on the screen when using a .pes file that contains user-defined colors.

3. Revised the wording of an error message.



➤ **Version 3.06 update provided the following changes:**

1. Improved machine's functionality of the LED pointer on the embroidery foot W+.
2. Improved machine's functionality of the background image scan with IQ Designer.
3. Improved machine's functionality of pattern preview function.
4. Adjusted the height of the embroidery foot when moving the embroidery frame.

➤ **Version 3.05 update provided the following changes:**

1. Improved machine's functionality for the LED pointer function of the embroidery foot W+.

➤ **Version 3.04 update provided the following changes:**

■ The following functions have been enhanced with the software version 3.04.

1. Sewing

- Projector Function
- Guideline

2. Embroidery

- The optional magnetic sash frame can be used on the machine.
H 360 mm × W 180 mm (H 14 inches × W 7 inches)
- Aligning the Embroidery Patterns
- The available thread brand "Simplicity Pro" has been changed to "Pacesetter PRO".

3. IQ Designer

- Transparency Adjustment
- Saved Scanned Images
- Line Scan

4. Upgrade KIT Enhancements

- Some functions of optional upgrade KIT I have been enhanced.

To learn new features, read **the BLSA Addendum**

➤ **Version 2.05 update provided the following changes:**

1. Improved machine's functionality for sewing bar tack stitches.
2. Improved machine's functionality for twin needle mode.



➤ **Version 2.04 update provided the following changes:**

1. Improved camera recognition to detect the buttonhole foot "A+".
2. Improved machine's functionality for embroidery pattern connection using the built-in camera.
3. Improved machine's functionality of IQ Designer.
4. Improved machine's functionality for quilt sashing.
(For Upgrade Kit 1 (BLSAU) user only)
5. Improved machine's functionality for communicating with IQ Intuition- Monitoring App.
(For Upgrade Kit 1 (BLSAU) user only)

➤ **Version 2.03 update provided the following changes:**

1. The function to detect the embroidery positioning sticker on the embroidery frame has been improved.
2. The scanning function using the border frame has been improved.

➤ **Version 2.02 update provided the following changes:**

1. Descriptions for the stitch patterns for quilting added with the Upgrade Kit 1 are available on the stitch pattern explanation function.
2. The built-in Operation Manual for Upgrade Kit 1 (PDF file) has been revised.
3. Memory function to save stitch settings of Utility Stitches has been improved.
4. Improved function selection programming to reduce reset frequency.

➤ **Version 2.00 update provided the following changes:**

1. The following functions have been improved with the software version 2.00.
 - Utility Stitches and Character/Decorative Stitches
 - Embroidery
 - IQ Designer
 - Projector
 - Downloading Update Files

To learn new features, read **the BLSA Addendum**

2. Improved machine's functionality for the following features.
 - Clock function
 - Setting for the Time/Date

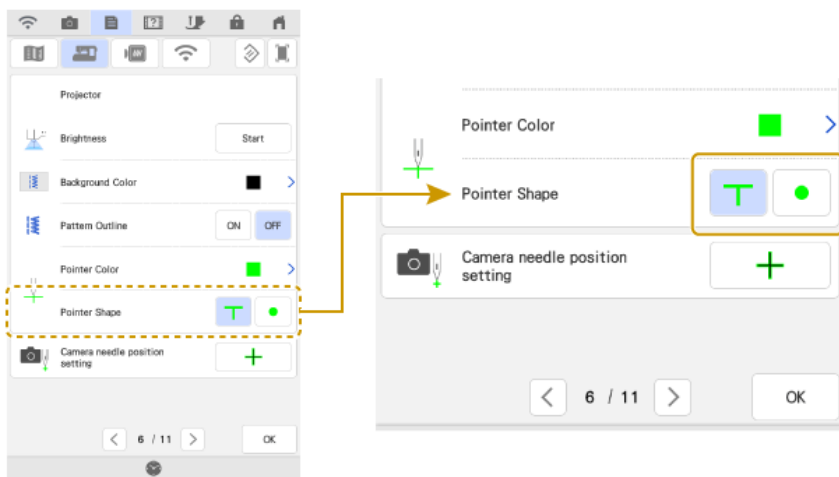
- Editing function to rotate an embroidery pattern

➤ **Version 1.24 update provided the following changes:**

1. Improved machine's functionality for the following features.
 - Calibration function for the built-in camera
 - Projector function to display the embroidery pattern onto the fabric
 - Scanning function using the border frame

➤ **Version 1.23 update provided the following changes:**

1. Improved so that the next color moves to the top on the embroidery color order display when progressing through to the next color change during embroidery process.
2. Improved the pattern thumbnails in the machine's memory so that the last pattern saved is first one displayed when retrieving a pattern.
3. The point-like indicator with the W foot can be used with a 'T' or a dot as its shape. The type of pointer shape can be selected in the settings screen.



To display the indicator, press this icon in the upper left corner of the screen:



4. Improved machine's functionality for the following feature.
 - Pattern connecting function using the built-in camera
 - Resume function
 - Dual purpose stylus function
 - Background image scanning function
 - Projector function
 - Memorizing the setting of embroidery tension
 - Initializing the needle position
5. Revised the built-in operation manual. (For all languages)

➤ **Version 1.22 update provided the following changes:**



1. Improved the speed of background image scanning
2. Scanning function is available with the border frame.
3. Improved machine's functionality for the following feature:
 - Embroidery carriage drive control

➤ **Version 1.21 update provided the following changes:**

1. Improved machine's functionality for the following features:
 - Embroidering applique patterns
 - Auto split of quilt sashes function
 - Embroidery carriage initial set-up
2. Revised the built-in operation manual.

➤ **Version 1.20 update provided the following changes:**

1. Stitch or embroidery data can be recalled from USB CD / DVD drive connected to the machine.
2. The USB embroidery card reader will be available.
3. Functionality of viewing operation manual on the machine is improved.
4. Improved reaction of LCD screen
5. The function to play the tutorial videos on the machine screen will be available.
6. Revised the built-in operation manual