BERNINA Firmware Release
BERNINA 750
V34.09.51

Steckborn, February 28, 2014

Information on firmware

Sewing

With this information on the latest firmware V34.09.51 for the B750, we have not listed each and every improvement in this document. The firmware for the B750 series has been revised and optimized in general, i.e. in connection with particular applications and/or combinations of certain buttons, blockages or crashes of the sewing machine occurred and therefore the machine had to be restarted.

1.) Buttonhole optimization
The stitch length has been optimized; with several materials the stitch length was too short when sewing in reverse causing the Buttonhole foot 3A to get caught.

2.) Correction of Help-Functions
Various Help-Functions have been revised and corrected.

3.) Service Packs
All published service packs up to now have been integrated in this release. Hereby the most important optimizations are:
- Optimization of the thread tension
- The blinking of the icon concerning the filling status of the lower thread when the bobbin is full has been corrected.
- Starting to embroider (refer to issue 7 below for further details)

4.) Optimization of the thread cut

5.) Function "Tie-off stitches" (deactivating the function „Locking" when starting to sew)
With the machines B 710/750QE the function "Tie-off stitches" has now been integrated in the Setup-Program. You can activate or deactivate tie-off stitches at the beginning of every stitch.

Embroidery

6.) Presser foot selection
When selecting the application embroidery, the machine requires the appropriate presser foot and this presser foot needs to be selected manually by the user.
With DesingWorks motifs, the presser foot must be selected anew for each kind of application.

Unless the presser foot is selected every time, the Start button remains red. The machine cannot be started.
Along with the last firmware version the presser foot was selected by the machine automatically.

7.) Starting to embroider
The embroider start has been optimized as previously a repeated start occurred in some cases.
Now there is an automatic embroidery start only after:
- a thread cut
- new automatic threading
- having lifted the presser foot

8.) Stitch plate selection
The 5.5mm stitch plate has been added to the selection menu.

9.) PaintWork
When starting the PaintWork program for the first time (after starting the machine), press the Start button or the foot control a second time to begin the painting process.

Boot loader

10.) Information on the Boot loader
Last year BERNINA decided to use a universal Boot Loader for all machines with touch screen.
As a consequence, there will be 4 new files in the firmware package for these models which had been developed before this decision.
Besides the application file (va…….bin) and the date file (vd……..bin) 2 Boot Loader files (vb…….._crossover.bin und xb…….bin) are contained.
As for the function, both files are identic and the machine will upload the file which is recognized.
The models B 710, B 750 and B 780 were produced with the vb…..bin Boot Loader at the beginning and since the 4th quarter they have been produced with the Boot Loader xb……..bin.
To guarantee that each machine on the market remains updatable, both Boo Loader types will be provided.

Kind regards

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