

BERNINA Firmware Release
B 720 / 770 QE / 790 – V 35.17.22
B 740 – V 35.17.20

Steckborn, 20.05.2015

Information on Firmware Update

The firmware for the BERNINA B 720 / 740 / 770 QE / 790 has been updated and optimized. In this release note only the most relevant changes are listed.

Note:

BERNINA recommends all their customers of the corresponding product class to always use the latest software (Firmware release) as we keep on improving it according to customer feedback and wishes, considering new features, general optimization as well as a removal of defects to ensure the best possible sewing and embroidering experience on the BERNINA Product.

1. Functional Improvements

- **Embroidering – Embroidering motifs by third-party suppliers (B 720 / 770 QE / 790)**
While embroidering individual motifs by third-party suppliers, it could have occurred that the machine ignored the motif end and kept on embroidering from the start again. This malfunction has been eliminated.
Please note:
In general BERNINA recommends transferring any motifs, not regarding the file format, to the machine or to a USB stick via the cost-free program “ART-Link”. Using ART-Link ensures that the motif can be read and embroidered correctly.

ART-Link can be downloaded from the BERNINA Homepage www.bernina.com free of charge.
- **Sewing – Walking foot #50 with sole for edge stitching (B 720 / 740 / 770 QE / 790)**
The sewing of straight stitch with Walking foot #50 with sole for edge stitching is now possible in every needle position.
- **Creative consultant – Content (B 720 / 740 / 770 QE / 790)**
The content of the creative consultant has been generally adjusted and enhanced.
- **Embroidery – load designs via USB Stick (B 720 / 770 QE / 790)**
Time delays could occur during loading of the embroidery designs in EXP format without accompanying BMP and INF files from USB Stick to the machine.
This issue is solved.
- **Settings – Language support (B 720 / 740 / 770 QE / 790)**
Following Languages are now implemented:
 - Danish
 - Norwegian
 - Swedish
 - Russian

2. Improvements concerning the sewing quality

- **Embroidery – Reduction of vibration with greater hoops (B 720 / 770 QE / 790)**
While embroidering with high machine speeds in certain part of Mega-, Maxi- und Jumbo-

Hoop, the vibrations can occur. The embroidery module drive has been optimized to minimize these vibrations.

- **Embroidery – Improvement of tie-on / tie off function (B 720 / 770 QE / 790)**
During tie on and tie off in embroidery, a system crash could have occurred. This malfunction has been eliminated.
- **Sewing – Thread tension adjustment (B 720 / 740 / 770 QE / 790)**
The values of Adaptive thread tension control were optimized for a perfect sewing result.

3. Technical improvements

- **Step motor noises (B 720 / 740 / 770 QE / 790)**
To reduce the noises of the step motor optimally the step motor configuration has been customized. The whistling, which has occasionally occurred, could have been rectified. The sewing performance of the machine is not affected by this customization.
- **Quilt Motion (B 720 / 740 / 770 QE / 790)**
There has been an improvement and optimization concerning the connection between the sewing machine and the automation software and hardware.

BERNINA International AG endeavors to keep improving and optimizing their products basing on customer feedback and the latest technical developments.

Kind regards,

BERNINA International AG
Steckborn, Switzerland