

**BERNINA Firmware Release**  
**Q 20 / Q 24**  
**V 34.51.46**

Steckborn, 16.03.2016

**Information on Firmware Update**

The firmware for the BERNINA Q20 und Q24 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.

**Functional Improvements:**

- **Quilting - Message 'Too much fabric under the presser foot'**  
With some machines the thickness of the fabric couldn't be detected correctly by the sensor. As a result the message 'Too much fabric under the presser foot' appeared, although the fabric thickness under the presser foot was tolerable. This fault has been corrected and the message only appears when the allowed amount of fabric is exceeded.
- **Quilting – Automatic presser foot lowering**  
To avoid a collision of the needle holder with the presser foot sole while turning the hand wheel, an automatic presser foot lowering has been implemented. As soon as the hand wheel is turned, the foot is lowered and therefore no contact can occur.
- **Settings – Language support (Q 20 / Q 24)**  
Following Languages are now implemented:
  - Danish
  - Spanish
  - Italian
  - Japanese
  - Dutch
  - Norwegian
  - Swedish

**Improvements when using the optional accessory „Pantograph Kit“**

- **Inactive rocker switch at the rear handle**  
It was impossible to activate any function via the right rocker switch at the rear handle. This fault has been removed

**Improvements in service program**

**Service program - calibration of the upper thread tension**

The calibration of the upper thread tension has been corrected. The upper value was too low. This issue has been resolved.

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