

b59
Sewing &
Embroidery
Machine



Quick Start Guide

For all my ideas

bernette

SWISS DESIGN

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Please be aware of the following basic safety instructions when using your machine. Carefully read the instruction manual for the machine before using.

DANGER

To protect against electric shock, the following instructions must be observed:

- ▶ Never leave the machine unattended when it is connected to the power supply.
Immediately after use and before cleaning, switch off the machine and disconnect the power cable from the outlet.

In order to protect against injury, the following instructions must be adhered to:

- ▶ Do not look directly into the LED lamp with optical instruments (e.g. magnifying glass).
If the LED lamp is damaged or defective, have the LED lamp checked or repaired at your local bernette dealer.

- ▶ Switch off the machine before working in the needle area.
- ▶ Before starting the machine, close all covers.

WARNING

To reduce the risk of burns, fire, electric shock or personal injury, the following instructions must be observed.

General Facts

- ▶ This machine may only be used for the purpose described in this instruction manual.

Working Environment

- ▶ Do not use the machine outdoor.
- ▶ Only use the machine in dry rooms.
- ▶ Do not use the machine in a humid area.
- ▶ Do not use the machine in rooms where aerosol products (sprays) are being used.
- ▶ Do not use the machine in rooms where clinical oxygen is dispensed.

Technical Condition

- ▶ Never use the machine when it is damp.
- ▶ Do not use the machine if it is not working properly.
- ▶ Do not use the machine if a cable or the plug is damaged.
- ▶ Do not use the machine if it has been dropped, damaged or has fallen into water.
- ▶ If the machine is damaged or does not work properly, have the machine checked or repaired by your local bernette dealer.
- ▶ Keep all ventilation openings of the machine and the foot control free of lint, dust and loose cloth.
Do not use the machine if the ventilation openings are blocked.

Accessories and Supplies

- ▶ Only use accessories recommended by the manufacturer.
- ▶ Always use an original bernette Stitch Plate.
An incorrect stitch plate can result in needle breakage.

- ▶ Use only straight needles of good quality.
Bent or damaged needles can cause needle breakage.
- ▶ The machine is double-insulated.
Only use original spare parts.
See instructions for servicing of double-insulated products.
- ▶ To lubricate the machine, only use oil recommended by bernette.

Appropriate Use

- ▶ The machine can be used by children aged 8 years and over or by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given instructions on how to use the machine safely and understand the hazards involved. Children are not allowed to play with this machine. Cleaning and maintenance work may only be carried out by children under supervision.
- ▶ Only use the machine with the supplied power cable.

USA and Canada only: Do not connect power plug NEMA 1-15 to circuits exceeding 150 volt-to-ground.

If the machine is to be used in a country other than the country of origin, obtain a power cable suitable for this country from a bernette dealer.

- ▶ Only use this machine with the supplied foot control of type C-8001.
- ▶ Never insert any objects into any openings of the machine.
- ▶ Do not place any objects on the foot control.
- ▶ While sewing, guide the fabric gently. Pulling and pushing the fabric can cause needle breakage.
- ▶ Keep fingers away from all moving parts.
Special care is required in the needle area.
- ▶ Before lifting or moving the machine, detach the embroidery module.
- ▶ Only lift the machine by the handle.

- ▶ For activities in the needle area – such as threading the needle, changing the needle, threading the looper or changing the presser foot – switch off the machine.
To switch off, set the power switch to «0».
- ▶ When protective covers are removed, when the machine is oiled or when other cleaning and maintenance operations mentioned in this instruction manual are carried out, switch off the machine and disconnect the power plug from the outlet.
- ▶ Pull the plug out of the outlet by pulling on the plug. Do not pull on the cable.

FCC Declaration of Conformity

(For USA and Canada)

Responsible Company: BERNINA International AG, Seestrasse 161, 8266 Steckborn, SCHWEIZ

Product Name: bernette 59

This device satisfies the provisions of Section 15 of the guidelines of the American Federal Communications Commission (FCC). Operation of this device is subject to the following conditions: (1) This device must not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and, according to the specifications in Paragraph 15 of the FCC regulations, is compliant with the limit values for a digital Class B device. These specifications define appropriate protection against such interference in closed rooms. This device can generate, use and radiate HF energy. Therefore, if not installed and used properly, it may cause harmful interference to radio communications. There is, however, no guarantee that interference will not occur in certain situations. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user should try to correct the interference by one or more of the following measures:

- Reorient the antenna or set it up at a different location.
- Increase the spacing between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Contact your BERNINA dealer or an experienced radio/television technician.

Any change or modification to the device that has not been expressly approved by BERNINA can invalidate the electromagnetic compatibility (EMC) and result in the revocation of the operating license for this device.

Availability of the Instruction Manual

The short manual is part of the machine.



The latest version of the detailed instruction manual for bernette 59 is available at manuals.bernette.com/b59.

Keep the short manual of the machine in a suitable place near the machine and have it ready for reference.

When passing on the machine to a third party, enclose the short manual of the machine.

Proper Use

Your bernette machine is conceived and designed for private household use. It is intended for sewing fabrics and other materials as described in this instruction manual and on the machine. Any other use is not

considered proper. BERNINA assumes no liability for consequences resulting from improper use.

Equipment and Scope of Delivery

Example images are used in these instructions for the purposes of illustration. The machines and the accessories shown in the images therefore do not always match the actual items included with your machine. The accessories included can differ from country to country. Accessories mentioned or shown, which are not included in the scope of delivery, can be purchased as optional accessories from a bernette dealer. Further accessories can be found at [bernette.com/b59](https://manuals.bernette.com/b59).

For technical reasons and in order to improve the product, changes may be made to the equipment of the machine and the scope of delivery at any time and without prior notice.

Maintenance of double-insulated products

In a double-insulated product, two systems of insulation are provided instead of grounding. No grounding device is provided on a double-insulated product, nor should a device for grounding be added to the product. Servicing a double-insulated product requires extreme care and

knowledge of the system and should be done only by qualified service personnel. Only original spare parts should be used for service and repairs. A double-insulated product is marked with the words: *Double-Insulation* or *double-insulated*.



The symbol may also be marked on the product.

Environmental Protection

BERNINA International AG is committed to the protection of the environment. We strive to minimize the environmental impact of our products by continuously improving product design and our technology of manufacturing.



The machine is labeled with the symbol of the crossed-out wastebin. This means that the machine should not be disposed of in household waste when it is no longer needed. Improper disposal can result in dangerous substances getting into the groundwater and thus into our food chain, damaging our health.

The machine must be returned free of charge to a nearby collection point for waste electrical and electronic equipment or to a collection point for the reuse of the machine. Information on the collection points can be obtained from your local administration. When purchasing a new machine, the dealer is obliged to take back the old machine free of charge and dispose of it properly.

If the machine contains personal data, you are responsible for deleting the data yourself before returning the machine.

Front



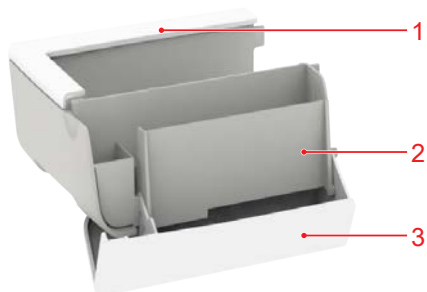
1 Feed Dog Up/Down **2** Needle Area **3** Embroidery Module Connection
4 Lighting **5** Thread Cutter **6** Thread Take-up Lever **7** Connection for Slide-on Table **8** Connection for Sewing Table and Accessory Box

Needle Area



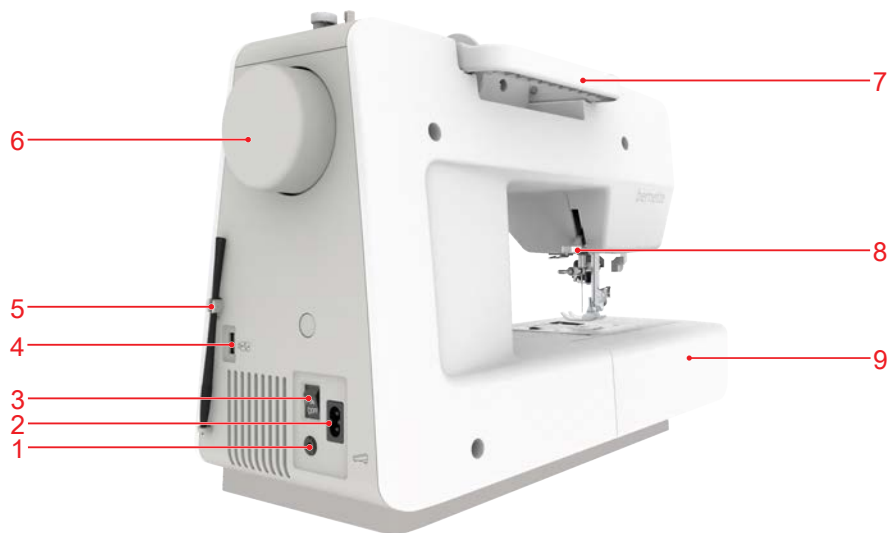
1 Bobbin Cover
2 Stitch Plate
3 Feed Dog
4 Presser Foot
5 Needle
6 Buttonhole Lever
7 Needle Holder
8 Needle Threader
9 Stitch Plate Release Button

Sewing Table and Accessory Box



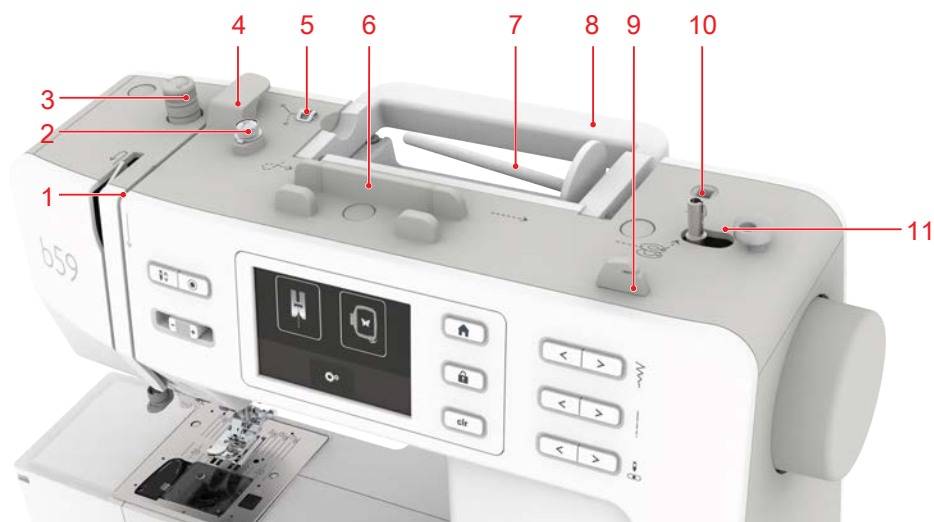
- 1 Sewing Table
- 2 Accessory Box
- 3 Accessory Box Cover

Back



- 1 Connection for Foot Control
- 2 Power Cable Connection
- 3 Power Switch
- 4 USB Port
- 5 Touchscreen Pen Holder
- 6 Handwheel
- 7 Carrying Handle
- 8 Presser Foot Lifter
- 9 Sewing Table and Accessory Box

Top View



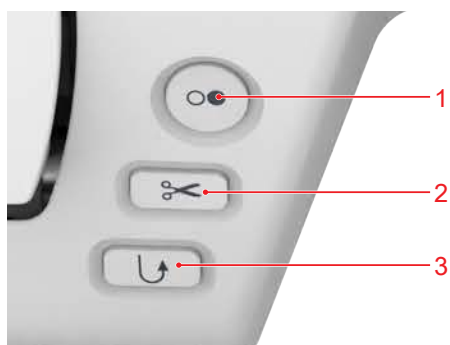
- 1** Thread Tension Discs **2** Thread Guide, Winder **3** Presser Foot Pressure
4 Thread Guide, Rear **5** Thread Guide Eyelet **6** Mobile device holder **7** Spool Pin, Horizontal **8** Carrying Handle **9** Thread Cutter **10** Opening for Vertical Spool Pin **11** Bobbin Winding Unit

Controls



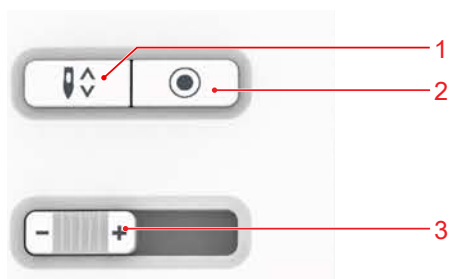
- 1** Function Buttons above the Needle **2** Needle Threader Lever **3** Left Controls
4 Display **5** Right Controls

Function Buttons above the Needle



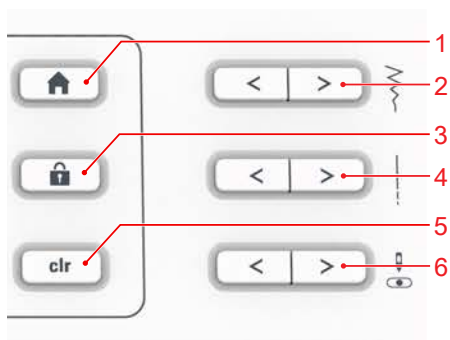
- 1** Start/Stop
2 Thread Cutter
3 Quick Reverse

Left Controls



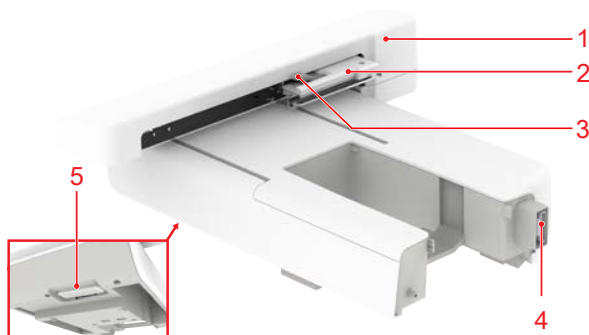
- 1** Needle Position Up/Down
- 2** Securing/Pattern End
- 3** Speed Control

Right Controls



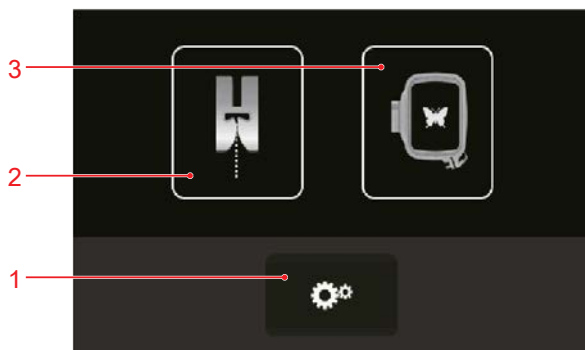
- 1** Home Screen
- 2** Stitch Width
- 3** Lock
- 4** Stitch Length
- 5** Reset
- 6** Needle Position Left/Right

Embroidery Module



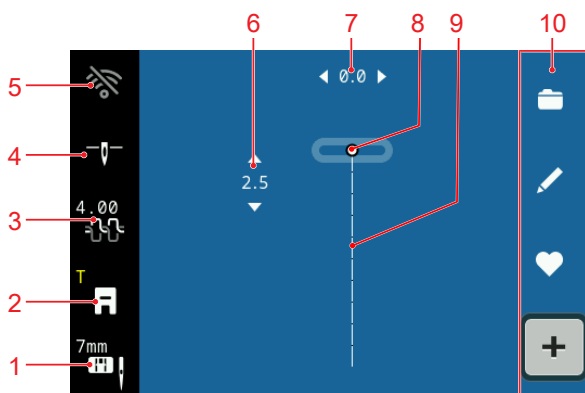
- 1** Embroidery Arm
- 2** Coupling for Securing the Hoop
- 3** Securing Lever
- 4** Connection to the Machine
- 5** Release Button

Home Screen



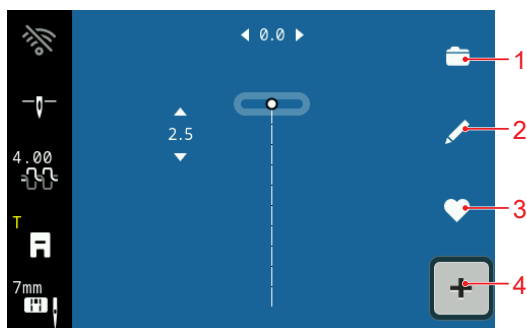
- 1 Settings
- 2 Sewing
- 3 Embroidery

Sewing Screen



- 1 Stitch Plate and Sewing Needle
- 2 Presser Foot
- 3 Upper Thread Tension
- 4 Needle Stop
- 5 WiFi
- 6 Stitch Length
- 7 Stitch Width
- 8 Needle Position
- 9 Stitch Preview
- 10 Quick Access Bar

Quick Access Bar



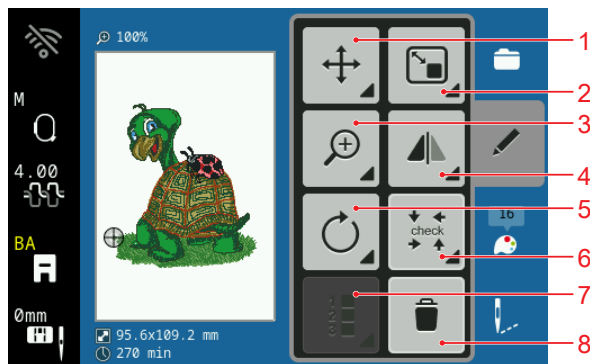
- 1 Selection Area
- 2 Edit
- 3 Personal Folder
- 4 Combi Mode

Embroidery Screen



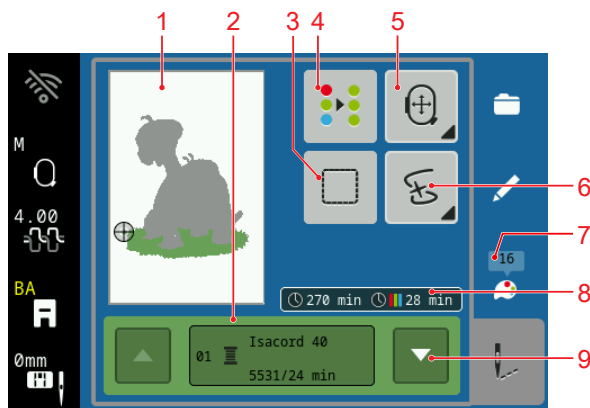
- 1 Stitch Plate and Sewing Needle
- 2 Presser Foot
- 3 Upper Thread Tension
- 4 Hoop
- 5 WiFi
- 6 Design Preview
- 7 File
- 8 Edit
- 9 Colors
- 10 Stitchout

Editing Functions



- 1** Move
- 2** Resize
- 3** View Options
- 4** Mirroring
Embroidery
Designs
- 5** Rotate
- 6** Check Design
- 7** Arrangement
Functions
- 8** Delete

Stitchout

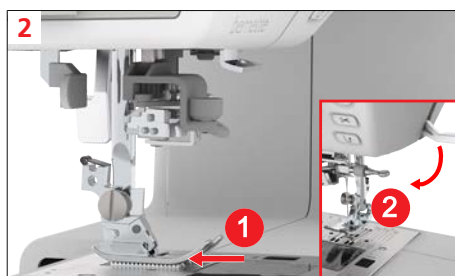


- 1** Design Preview
- 2** Current Color
- 3** Basting
- 4** Single Color
- 5** Moving the
Embroidery
Design
- 6** Go to Stitch
- 7** Number of Colors
- 8** Embroidery Infor-
mation
- 9** Color Up/Down

Connecting the Machine and Foot Control



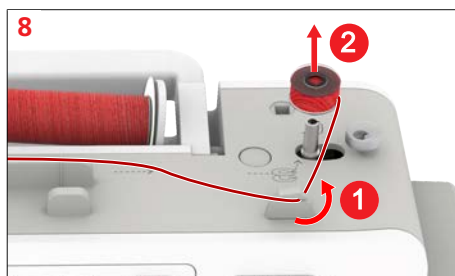
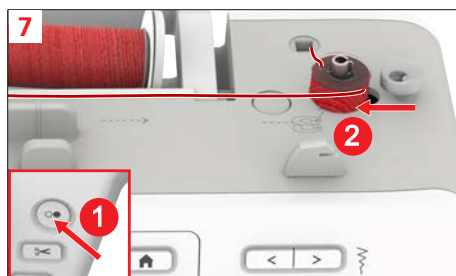
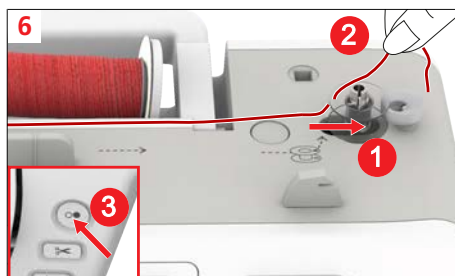
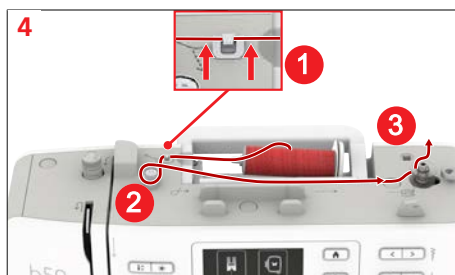
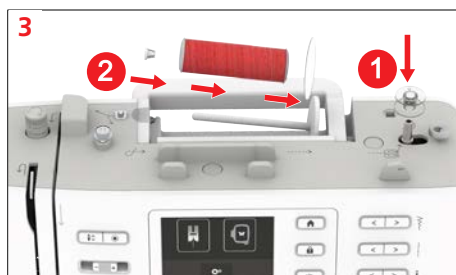
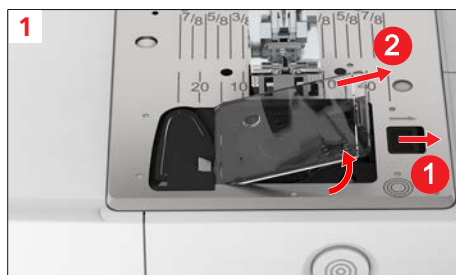
Changing the Presser Foot

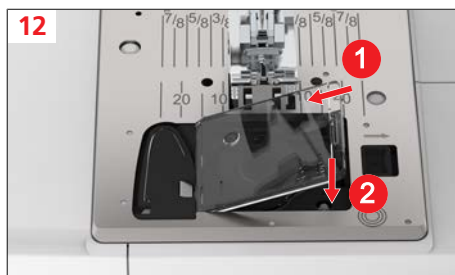
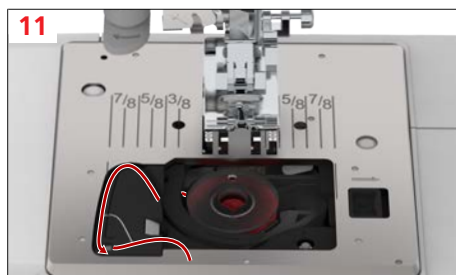
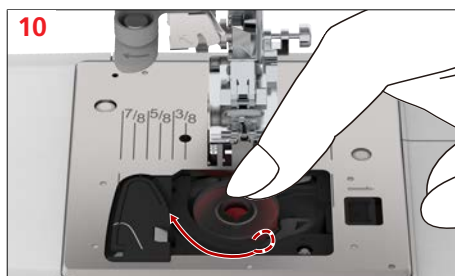
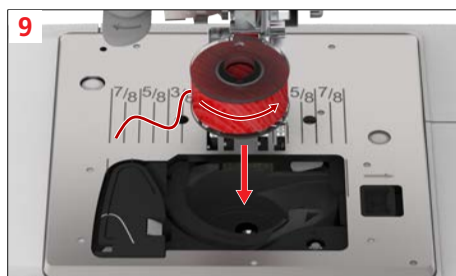


Changing the Needle

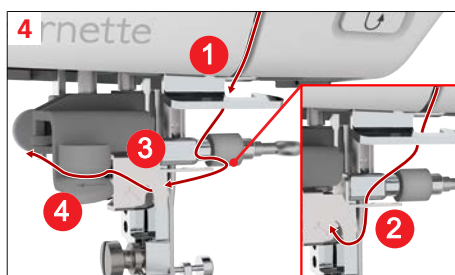
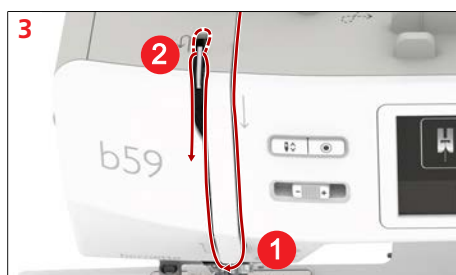
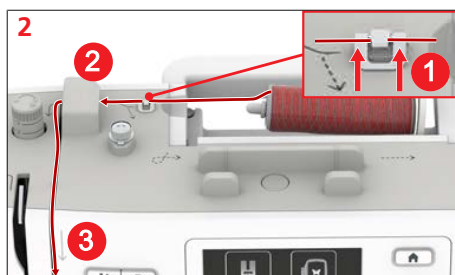
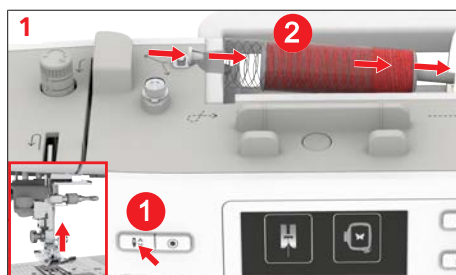


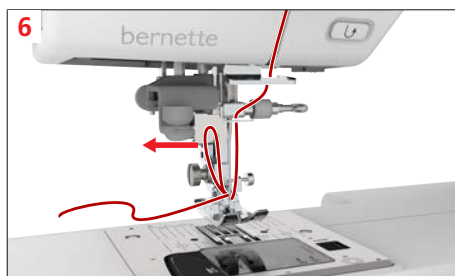
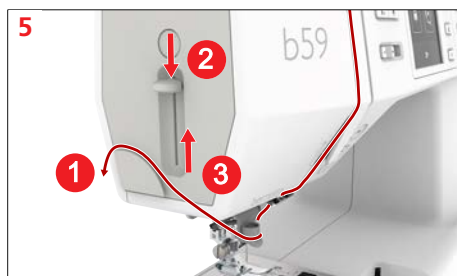
Winding the Bobbin Thread and Threading



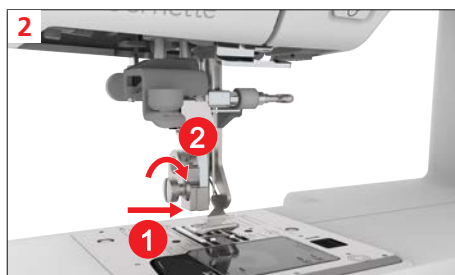
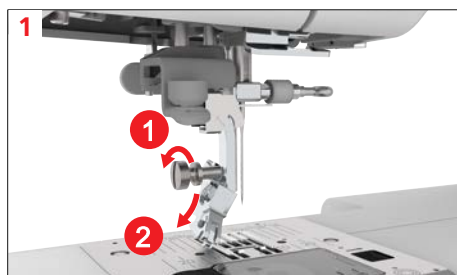


Threading the Upper Thread

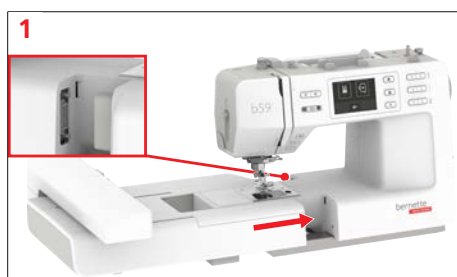




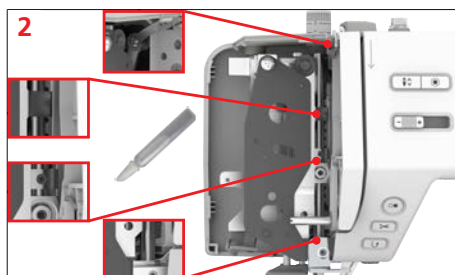
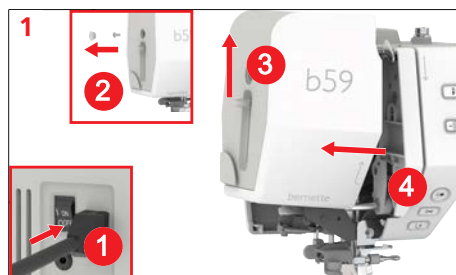
Attaching the Embroidery Foot



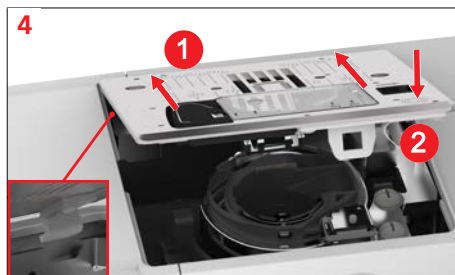
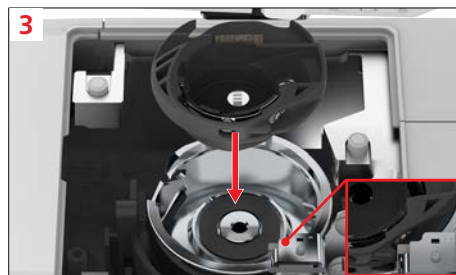
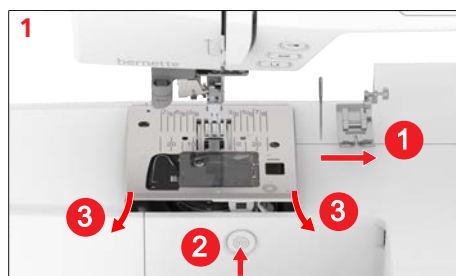
Connecting and Removing the Embroidery Module



Oiling the Needle Bar



Cleaning the Feed Dog and the Hook



Screen Not Responding

Incorrect calibration data.	▶ Recalibrate the screen ▶ If the calibration cannot be selected in the Setup Program, switch the machine on again while simultaneously pushing and holding the buttons Needle Position Left/Right  .
Lock mode switched on.	▶ Tap the icon Lock  .
Screen is defective or not connected correctly.	▶ Contact your BERNINA dealer.
Wrong touchscreen pen.	▶ Use other touchscreen pen or finger.

Skipped Stitches

Incorrect needle.	▶ Use the needle system 130/705H.
Needle blunt or bent.	▶ Replace the needle.
Poor quality needle.	▶ Use a new BERNINA quality needle.
The needle is incorrectly inserted.	▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw.
Incorrect needle point.	▶ Match the needle point with the textile structure of the project.
Incorrect needle/thread combination.	▶ Use a needle with a suitable needle size.

Speed too low

Room temperature is too warm or too cold.	▶ Place the machine in a warm room one hour before use.
---	---

Speed too low

Reduced maximum speed.

- ▶ Move the speed control to the right.
- ▶ Modify the maximum sewing speed in the Settings.
- ▶ Modify the maximum embroidery speed in the Settings.

The Machine doesn't Start

The machine is not connected to the power supply.

- ▶ Insert the mains plug into the socket and into the machine. Make sure that the plug is fully inserted into the machine.
- ▶ Check the socket for power.

Room temperature is too warm or too cold.

- ▶ Place the machine in a warm room one hour before use.
- ▶ Connect the machine and switch it on.

The machine is damaged.

- ▶ Contact your BERNINA dealer.

Needle Breaks

The needle is incorrectly inserted.

- ▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw.

Fabric has been pulled.

- ▶ Feed the fabric evenly.

Thick fabric has been pushed.

- ▶ Use the height compensation tool when sewing over a thick seam.

Knotted thread.

- ▶ Use quality thread.

The Sewing Light Does Not Light Up

The sewing light is defect.

- ▶ Have the sewing light replaced by a specialist dealer.

Faulty Stitching

Thread remnants between the thread tension discs.

- ▶ Fold a piece of thin fabric (use the folded side) and pull it through the thread tension discs several times.

Incorrectly threaded.

- ▶ Rethread the upper and lower thread.

Upper thread is not threaded

The needle is incorrectly inserted.

- ▶ Insert the needle with the flat side to the back as far up as it will go into the needle holder and tighten the screw.

Threader head is defective.

- ▶ Contact your BERNINA dealer.

Upper Thread Breaks

Incorrect needle/thread combination.

- ▶ Match the needle with the thread size.

Upper thread is too tight.

- ▶ Reduce the upper thread tension.

Incorrectly threaded.

- ▶ Rethread the upper thread.

Poor quality thread.

- ▶ Use quality thread.

The stitch plate or the hook tip is damaged.

- ▶ Contact your BERNINA dealer to have the damages repaired.
- ▶ Replace the stitch plate.

Upper Thread Breaks

The thread is caught in the area of the Thread Take-up Lever.

- ▶ Remove the screw on the head cover.



- ▶ Pull the head cover at the bottom slightly forward.
- ▶ Tilt the head cover upward slightly and remove it.
- ▶ Remove the thread remnants.
- ▶ Attach the head cover and retighten the screw.

Needle damaged.

- ▶ Replace the needle.

Upper Thread Indicator fails to respond

The upper thread indicator is not switched on.

- ▶ Switch on the upper thread indicator in the Settings.

The upper thread indicator is defective.

- ▶ Contact your BERNINA dealer.

Upper Thread Indicator reacts too frequently

Upper thread not threaded correctly.

- ▶ Thread the upper thread correctly.

Upper thread tension too low.

- ▶ Adjust the upper thread tension. ,

The upper thread indicator is defective.

- ▶ Contact your BERNINA dealer.

Stitch Plate not detected

Stitch Plate without sensor.

- ▶ Attach Stitch Plate with sensor.

Stitch Plate not detected

- | | |
|---------------------------------------|--|
| Disturbance due to magnetic field. | ▶ Remove magnetic accessories in the area of the stitch plate. |
| Sensor on the stitch plate defective. | ▶ Contact your BERNINA dealer. |

Uneven Stitch Formation

- | | |
|--------------------------------------|--|
| Upper thread too tight or too loose. | ▶ Adjust the upper thread tension.
▶ Check the thread feed from the thread spool. |
| Needle blunt or bent. | ▶ Replace the needle, make sure that a new BERNINA quality needle is used. |
| Poor quality needle. | ▶ Use a new BERNINA quality needle. |
| Poor quality thread. | ▶ Use quality thread. |
| Incorrect needle/thread combination. | ▶ Match the needle with the thread size. |
| Incorrectly threaded. | ▶ Rethread the upper thread.
▶ Rethread the bobbin thread. |
| Fabric was pulled. | ▶ Feed the fabric evenly. |
| Incorrect bobbin case is used. | ▶ Use supplied bobbin case. |
| Lower thread too tight or too loose. | ▶ Contact your BERNINA dealer. |

Lower Thread Breaks

- | | |
|---|--|
| The bobbin case is damaged. | ▶ Replace the bobbin case. |
| The stitch hole in the stitch plate is damaged. | ▶ Contact your BERNINA dealer to have the damages repaired.
▶ Replace the stitch plate. |
| Needle blunt or bent. | ▶ Replace the needle. |

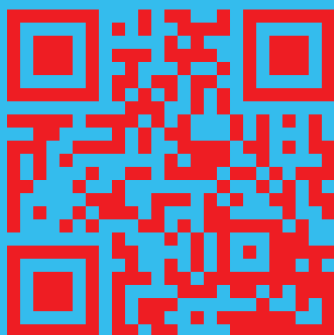
Bobbin Thread Indicator doesn't React as Expected

The bobbin thread indicator is not switched on.

- Switch on the bobbin thread indicator in the Settings.

The bobbin thread indicator is defective.

- Contact your BERNINA dealer.



www.bernette.com/b59

**The b59 includes the bernette
StitchDirect App. Download the
App from your App Store.**

Scan QR code for the
App Manual

