

## Brother LS2125, LS2125i, LS2129

# Brother LS2125, LS2125i, LS2129 Sewing Machine Instruction Manual

Your guide to setup, operation, and maintenance.

## 1. SETUP AND INITIAL PREPARATION

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Before operating your Brother sewing machine, ensure it is properly set up and prepared for use. Follow these steps carefully.

### 1.1 Unpacking and Power Connection

- Carefully remove the machine from its packaging. Retain all packing materials for future transport or storage.
- Place the machine on a stable, flat surface.
- Connect the foot controller plug to the machine's foot controller jack.
- Insert the machine's power cord into the power supply socket, then plug the other end into a suitable wall outlet.



**Figure 1.1:** Illustration of connecting the power cord and foot controller to the sewing machine. Ensure all connections are secure before powering on.

### 1.2 Winding the Bobbin

1. Place a spool of thread on the spool pin.
2. Guide the thread through the upper thread guide and around the pre-tension disc.
3. Insert the empty bobbin onto the bobbin winder spindle.
4. Wrap the thread clockwise around the bobbin several times.
5. Push the bobbin winder spindle to the right.
6. Press the foot controller gently to start winding. Stop when the bobbin is full and push the spindle back to the left.

7. Trim the thread.



**Figure 1.2:** Visual guide for correctly winding the bobbin. Proper bobbin winding is crucial for consistent stitch quality.

### 1.3 Threading the Upper Thread

1. Raise the needle to its highest position by turning the handwheel towards you.
2. Raise the presser foot lever.
3. Place the thread spool on the spool pin.
4. Guide the thread through the upper thread guide.
5. Bring the thread down the right channel, up the left channel, and through the take-up lever from right to left.
6. Continue guiding the thread down to the needle bar thread guide.
7. Thread the needle from front to back. Pull about 6 inches of thread through the needle eye.



**Figure 1.3:** The complete upper threading path. Incorrect threading can lead to skipped stitches or tangled thread.

### 1.4 Inserting the Bobbin

1. Open the bobbin cover plate.
2. Insert the wound bobbin into the bobbin case with the thread unwinding counter-clockwise.
3. Guide the thread into the tension spring slot.
4. Close the bobbin cover plate.
5. Hold the upper thread lightly and turn the handwheel towards you to bring the bobbin thread up through the needle plate hole.
6. Pull both threads (upper and bobbin) under the presser foot and towards the back of the machine.

## 2. OPERATING YOUR SEWING MACHINE

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This section covers the basic operations and functions of your Brother LS2125, LS2125i, or LS2129 sewing machine.

### 2.1 Selecting Stitches

- Turn the stitch selector dial to choose your desired stitch pattern (e.g., straight stitch, zigzag stitch).
- Refer to the stitch chart on the machine or in this manual for available patterns.



**Figure 2.1:** The stitch selector dial. Rotate this dial to choose from various stitch patterns.

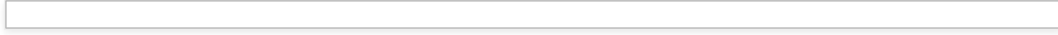
### 2.2 Adjusting Stitch Length and Width

- Use the stitch length dial to adjust the length of your stitches. Longer stitches are suitable for basting, shorter for fine work.
- Use the stitch width dial (if available for the selected stitch) to adjust the width of zigzag or decorative stitches.

### 2.3 Sewing Basics

1. Place the fabric under the presser foot, aligning the edge with a seam guide line on the needle plate.

2. Lower the presser foot lever.
3. Gently press the foot controller to start sewing. The machine will begin stitching.
4. Guide the fabric gently with both hands, but do not push or pull it forcefully.
5. To reverse stitch (for securing seams), press and hold the reverse lever/button.
6. When finished, raise the needle to its highest position, raise the presser foot, and pull the fabric towards the back.
7. Cut the threads using the thread cutter on the machine or scissors.



**Figure 2.2:** The primary sewing area, showing the needle, presser foot, and feed dogs. Always keep fingers clear of the needle.

## 3. MAINTENANCE AND CARE

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Regular maintenance ensures the longevity and optimal performance of your sewing machine.

### 3.1 Cleaning the Bobbin Area

- Turn off the machine and unplug it from the power outlet.
- Remove the needle and presser foot.
- Open the bobbin cover plate and remove the bobbin.
- Remove the bobbin case and the feed dog cover plate (if applicable).
- Use the small brush provided with your machine to remove lint and dust from the bobbin case, feed dogs, and surrounding areas.
- Reassemble all parts.



**Figure 3.1:** Steps for cleaning the bobbin and feed dog area. Regular cleaning prevents thread jams and improves stitch quality.

### 3.2 Replacing the Needle

- Turn off the machine and unplug it.
- Raise the needle to its highest position.
- Loosen the needle clamp screw by turning it counter-clockwise.
- Remove the old needle.
- Insert a new needle with the flat side facing the back of the machine, pushing it up as far as it will go.
- Tighten the needle clamp screw securely.

### 3.3 Oiling (If Applicable)

Your Brother LS2125 series machine is designed to require minimal oiling. Refer to your specific model's detailed manual for oiling points, if any are recommended. Over-oiling can cause issues.

## 4. TROUBLESHOOTING COMMON ISSUES

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This section provides solutions for common problems you might encounter during operation.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, wrong needle size for fabric.	Replace needle with correct type/size. Re-thread machine completely.
Thread Breaking	Incorrect tension, poor quality thread, bent needle, improper threading, burrs on needle plate.	Adjust tension. Use good quality thread. Replace needle. Re-thread. Check for burrs.
Fabric Not Feeding	Presser foot not lowered, feed dogs lowered, lint in feed dogs.	Lower presser foot. Ensure feed dogs are up. Clean feed dogs.
Machine Not Starting	Power cord not plugged in, foot controller not connected, main power switch off.	Check all power connections. Ensure power switch is ON.

## 5. SPECIFICATIONS

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General specifications for the Brother LS2125, LS2125i, and LS2129 sewing machine models.

- **Model Numbers:** LS2125, LS2125i, LS2129
- **Stitch Functions:** 10-14 built-in stitches (varies by model), including straight, zigzag, and buttonhole.
- **Needle Type:** HAx1 (130/705H)
- **Bobbin Type:** Class 15 (metal or plastic)
- **Power Supply:** AC 110-120V, 60Hz
- **Dimensions (Approx.):** 15.4" W x 6.7" D x 11.6" H (39 cm x 17 cm x 29.5 cm)
- **Weight (Approx.):** 13 lbs (5.9 kg)
- **Maximum Sewing Speed:** 750 stitches per minute

## 6. WARRANTY AND SUPPORT

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For specific warranty information and customer support, please refer to the warranty card included with your original purchase or visit the official Brother support website.

- **Warranty Coverage:** Typically includes limited warranty on parts and labor. Duration may vary by region and model.
- **Customer Support:** Contact Brother customer service for technical assistance, parts, or service.
- **Online Resources:** Visit [www.brother-usa.com/support](http://www.brother-usa.com/support) for FAQs, video tutorials, and downloadable manuals.