

Singer 2250

SINGER 2250 Sewing Machine

INSTRUCTION MANUAL

Model: 2250

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions before using this sewing machine. This machine is intended for household use only.

DANGER - To reduce the risk of electric shock:

- An appliance should never be left unattended when plugged in.
- Always unplug this appliance from the electric outlet immediately after using and before cleaning.
- Always unplug before re-lamping. Replace bulb with same type rated 15 watts (110-120V area) or 15 watts (220-240V area).

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

- Do not allow to be used as a toy. Close attention is necessary when this appliance is used by or near children.
- Use this appliance only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the appliance to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment.
- Never operate the appliance with any air openings blocked. Keep ventilation openings of the sewing machine and foot controller free from accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.

- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Always unplug sewing machine off ("O") when making any adjustments in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, and the like.
- Always unplug sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol spray products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off ("O") position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- The sound pressure level under normal operating conditions is 75dB(A).
- Always turn off the machine or unplug when the machine is not operating properly.
- Never place anything on the foot controller.
- If the supply cord to the foot controller is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

SAVE THESE INSTRUCTIONS



2. SETUP

2.1 Accessories

The Singer 2250 sewing machine comes with a set of standard accessories and supports various optional accessories for different sewing tasks.

- **Standard Accessories:** All purpose foot, Button sewing foot, Zipper foot, Screwdriver, Seam ripper/brush, Pack of needles, Bobbin (3), Darning plate, Spool holder.
- **Optional Accessories (not supplied with machine, available from SINGER® retailers):** Edge/quilting guide, Zipper foot, Straight stitch foot, Overcasting foot, Hemmer foot, Blind hem foot, Satin stitch foot, Cording/embroidery foot, Second spool pin, Spool pin felt.

2.2 Winding the Bobbin

1. Place thread and corresponding spool holder onto the spool pin.
2. Snap the thread into the thread guide.
3. Wind the thread counterclockwise around the bobbin winder tension disc.
4. Thread the bobbin as illustrated and place it on the spindle.
5. Push the bobbin spindle to the right.
6. Hold the thread end.
7. Step on the foot control pedal to begin winding.
8. Cut the thread once the bobbin is full.
9. Push the bobbin spindle to the left and remove the wound bobbin.

Please Note: When the bobbin winder spindle is in the "bobbin winding" position, the machine will not sew and the hand wheel will not turn. To start sewing, push the bobbin winder spindle to the left (sewing position).

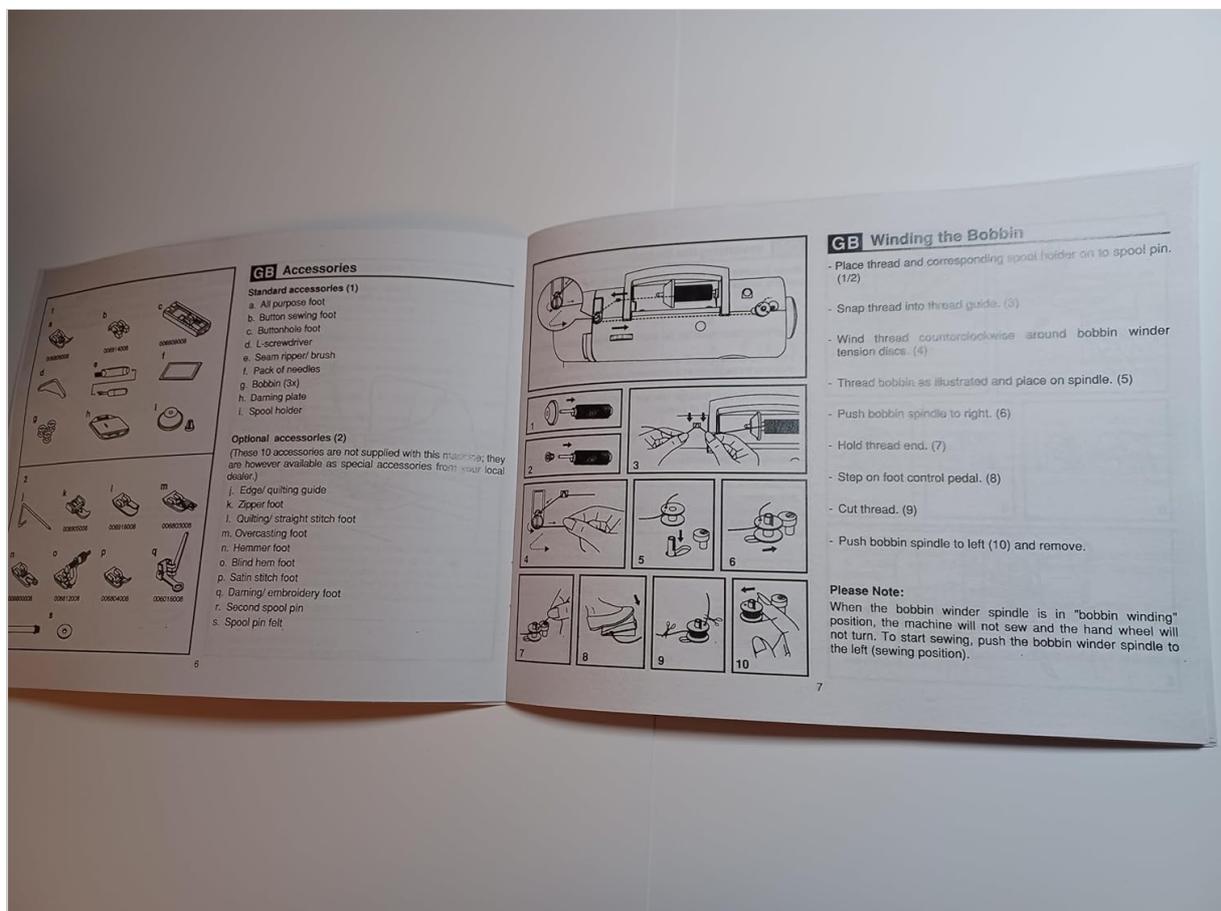


Image: Manual page illustrating standard and optional accessories, and a step-by-step guide for winding the bobbin.

2.3 Connecting to Power Source

Ensure the machine's power switch is in the "O" (off) position. Insert the machine plug into the electrical outlet. Always use a grounded outlet.

2.4 Raising the Presser Foot Lifter

The presser foot lifter is located at the back of the needle bar area. Lift it to raise the presser foot for placing fabric, and lower it to hold the fabric in place for sewing.

3. OPERATION

3.1 Choosing Your Pattern

The Singer 2250 features a Pattern Selector Dial to choose various stitch patterns.

- Stitches indicated in black on the diagram correspond to the Pattern Selector Dial.
- For patterns indicated with the "S" color, turn the Pattern Selector Dial to "S", then use the Stitch Length Dial to adjust the desired stitch length.
- The Pattern Selector Dial can be turned in either direction.

3.2 Stitch Length Dial

The Stitch Length Dial controls the length of straight stitches and the density of zig-zag stitches.

- **For Straight Stitching:** Turn the Pattern Selector Dial to the straight stitch symbol. The stitch length increases as the dial approaches "4". Use longer stitches for heavier fabrics and thicker needles, shorter stitches for lighter fabrics and finer needles.

- **For Zig-Zag Stitching:** Turn the Pattern Selector Dial to "~~~". The density of zig-zag stitches increases as the setting of the stitch length dial approaches "0". Dense zig-zag stitches are known as satin stitches.

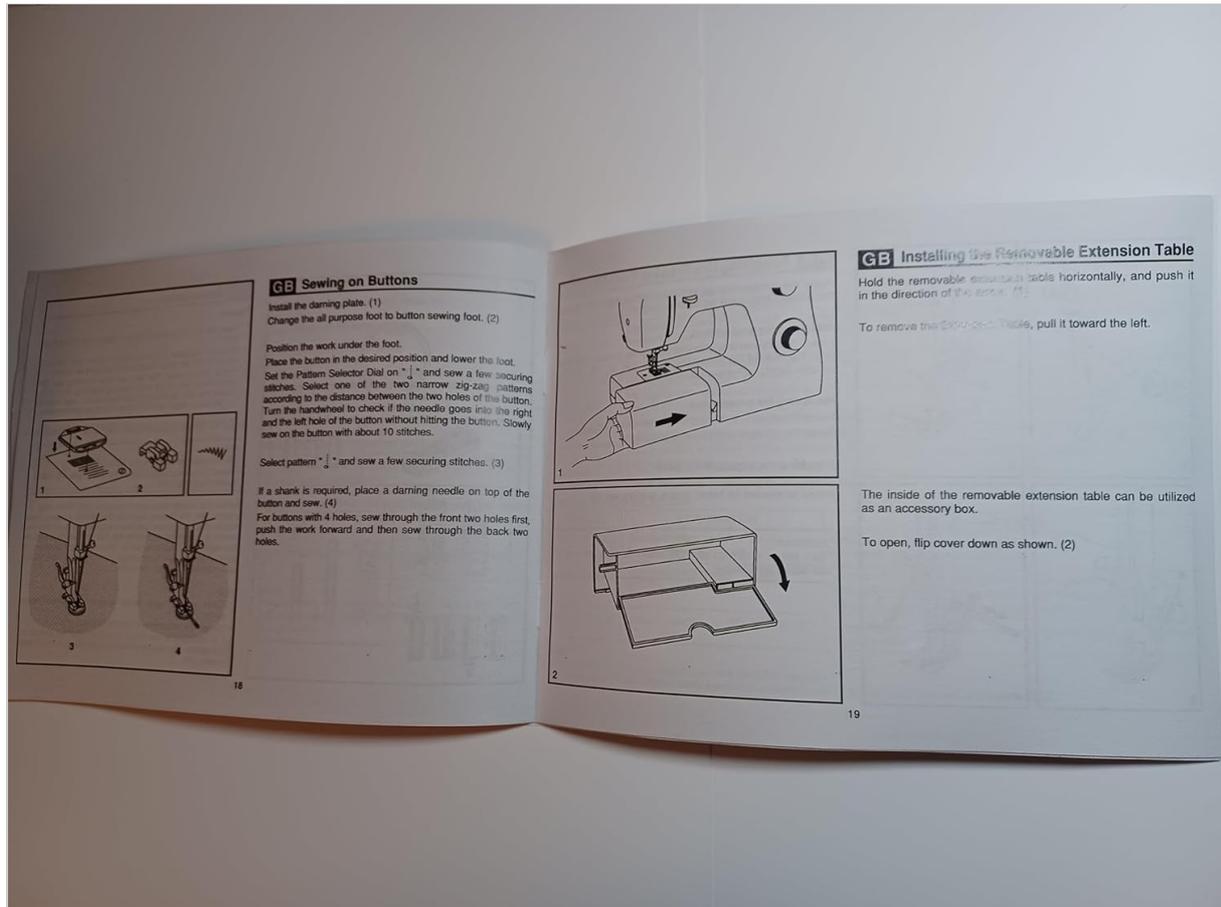


Image: Manual page detailing how to choose stitch patterns and adjust stitch length for various sewing applications.

3.3 Threading the Machine

Proper threading is crucial for smooth sewing. Follow these general steps:

1. Place the spool of thread on the spool pin.
2. Guide the thread through the upper thread guides.
3. Pass the thread through the tension discs.
4. Bring the thread up through the take-up lever.
5. Guide the thread down through the needle bar thread guide.
6. Thread the needle from front to back.
7. Raise the bobbin thread by turning the handwheel towards you, catching the bobbin thread with the needle thread.
8. Pull both threads under the presser foot and towards the back.

3.4 Sewing on Buttons

To sew buttons using your Singer 2250:

1. Install the darning plate.
2. Change the all-purpose foot to the button sewing tool.
3. Position the fabric and button under the foot.
4. Lower the button to the desired position and lower the foot.

5. Set the Pattern Selector Dial on "---" and sew a few securing stitches.
6. Select one of the two narrow zig-zag patterns (between 0.5 and 1.5) and sew through both holes of the button. Turn the handwheel to check needle clearance.
7. Slowly sew the button with about 10 stitches.
8. Select pattern "---" again and sew a few securing stitches.
9. If a shank is required, place a darning needle on top of the button and sew.
10. For buttons with 4 holes, sew through the front two holes first, then sew backwards and then sew through the back two holes.

3.5 Installing the Removable Extension Table

The removable extension table provides a larger work surface and also serves as an accessory box.

- **To Install:** Hold the removable extension table horizontally and push it in the direction of the arrow until it clicks into place.
- **To Remove:** Pull the extension table towards the left.
- The inside of the removable extension table can be used as an accessory box. To open, flip the cover down.

4. MAINTENANCE

4.1 Darning Plate

The darning plate is used for specific tasks like darning or free-hand embroidery.

- **Installation:** Install the darning plate as illustrated in the manual.
- **Removal:** For normal sewing, remove the darning plate.
- For free-motion sewing, a darning/embroidery foot (optional accessory) is recommended.

4.2 Inserting & Changing Needles

Regularly change your needle, especially if sewing problems occur. Use SINGER® Brand Needles for best results.

1. Turn the power switch to off ("O").
2. Loosen the needle clamp screw.
3. Insert the new needle with the flat side of the shaft facing the back, pushing it up as far as it will go.
4. Tighten the needle clamp screw.

Attention: Needles must be in perfect condition. Problems can occur with bent needles, damaged points, or blunt needles.

4.3 Changing the Bulb

To change the light bulb, ensure the machine is unplugged. Replace the bulb with the same type rated 15 watts (110-120V area) or 15 watts (220-240V area).

4.4 Cleaning

Regularly clean the lint and dust from the bobbin case area and feed dogs using the provided brush. Ensure the machine is unplugged before cleaning.

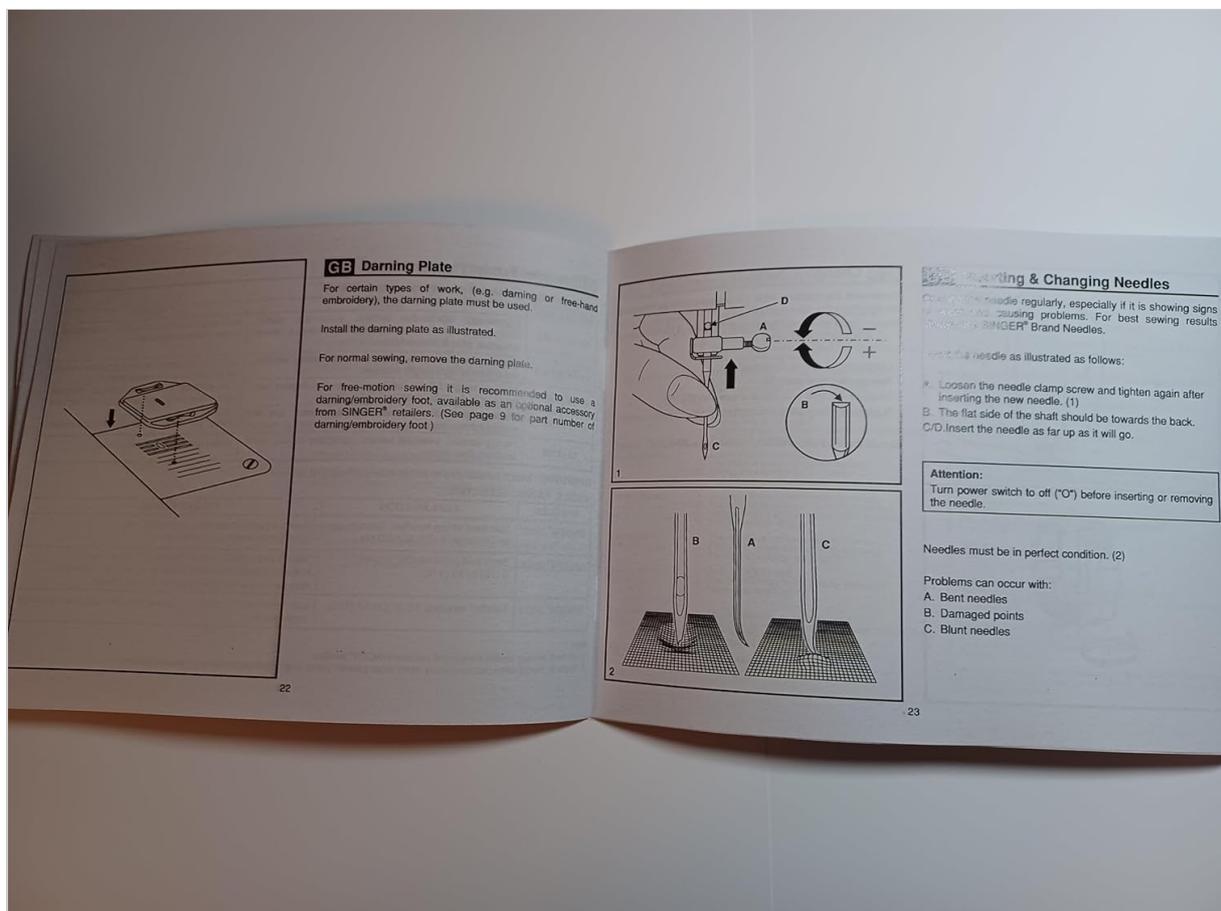


Image: Manual page illustrating procedures for sewing on buttons, installing the extension table, using the darning plate, and changing needles.

5. TROUBLESHOOTING

If you encounter issues with your Singer 2250, refer to the following common problems and solutions:

- **Skipped Stitches:** Ensure the needle is inserted correctly, not bent, and is the appropriate size for the fabric and thread. Re-thread the machine.
- **Thread Breaking:** Check for correct threading, proper tension, a bent or blunt needle, or burrs on the needle plate or bobbin case.
- **Fabric Puckering:** Adjust tension settings, use the correct needle size, or ensure the presser foot pressure is appropriate for the fabric.
- **Machine Not Feeding Fabric:** Check if the feed dogs are raised. Ensure the presser foot is lowered.
- **Noisy Operation:** Clean and lubricate the machine as per maintenance instructions. Check for loose parts or a bent needle.

For persistent problems, contact an authorized Singer service center.

6. SPECIFICATIONS

Product Dimensions	8.5 x 5.5 x 0.1 inches
Item Weight	3 ounces
Model Number	SINGER 2250 Manual

Manufacturer	TabSynth Design (for reproduction manual)
ASIN	B0G19M5M63

7. WARRANTY AND SUPPORT

This instruction manual is a reproduction for the Singer 2250 Sewing Machine. For warranty information regarding your Singer 2250 sewing machine, please refer to the original documentation provided with your machine or contact Singer customer support directly.

For support related to the operation or maintenance of your Singer 2250, please consult this manual. If further assistance is needed, contact an authorized Singer service center or your local Singer dealer.