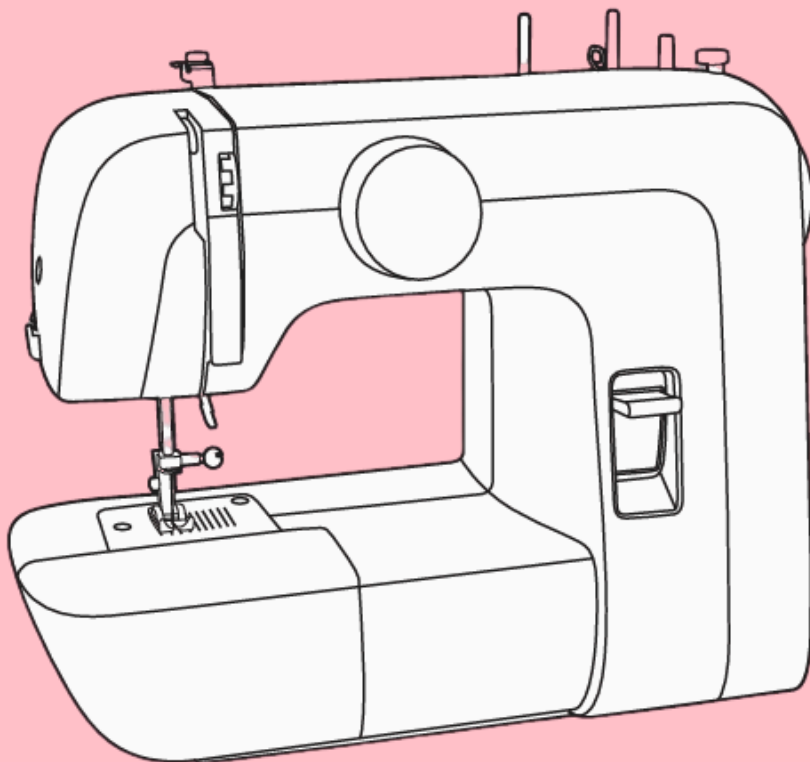




PINK
SINGER®

Start™ Instruction Manual

IMPORTANT SAFETY INSTRUCTIONS

This household sewing machine is designed to comply with IEC/EN 60335-2-28 and UL1594.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

Read all instructions before using this household sewing machine. Keep the instructions in a suitable place close to the machine. Make sure to hand them over if the machine is given to a third party.

DANGER - To reduce the risk of electric shock :

- A sewing machine should never be left unattended when plugged in. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning, removing covers, lubricating or when making any other user servicing adjustments mentioned in the instruction manual.

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

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
- Use this sewing machine 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 sewing machine 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 sewing machine to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment.

- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot control free from the 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.
 - Wear safety glasses.
 - Switch the sewing machine off ("O") when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
 - 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 foot control is used to operate the machine. Avoid placing other objects on the foot control.
 - Do not use the machine if it is wet.
- If the LED lamp is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- If the supply cord connected with the foot control is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.

- This sewing machine is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.

SAVE THESE INSTRUCTIONS

For Europe only :

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The noise level under normal operating conditions is less than 75dB(A).

The machine must only be used with foot control of type KD-1902, FC-1902 (110-120V area)/ KD-2902, FC-2902A, FC-2902D (220-240V area) manufactured by ZHEJIANG FOUNDER MOTOR CORPORATION LTD. (China) 4C-316B (110-125V area)/ 4C-326G (230V area) manufactured by Wakaho Electric Ind. Co., Ltd. (Vietnam)

For outside Europe :

This sewing machine 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 sewing machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the sewing machine.

The noise level under normal operating conditions is less than 75dB(A).

The machine must only be used with foot control of type KD-1902, FC-1902 (110-120V area)/ KD-2902, FC-2902A, FC-2902D (220-240V area) manufactured by ZHEJIANG FOUNDER MOTOR CORPORATION LTD. (China) 4C-316B (110-125V area)/ 4C-326G (230V area) manufactured by Wakaho Electric Ind. Co., Ltd. (Vietnam)

SERVICING OF DOUBLE INSULATED PRODUCTS

In a double-insulated product, two systems of insulation are provided instead of grounding. No ground means is provided on a double-insulated product, nor should a means for grounding be added to the product. Servicing of a double-insulated product requires extreme care and knowledge of the system and should be done only by qualified service personnel.

Replacement parts for a double-insulated product must be identical to those parts in the product. A double-insulated product is marked with the words "DOUBLE INSULATION" or "DOUBLE INSULATED".

Congratulations

As the owner of a new SINGER sewing machine, you are about to begin an exciting adventure in creativity. From the moment you first use your machine, you will know you are sewing on one of the easiest to use sewing machines ever made.

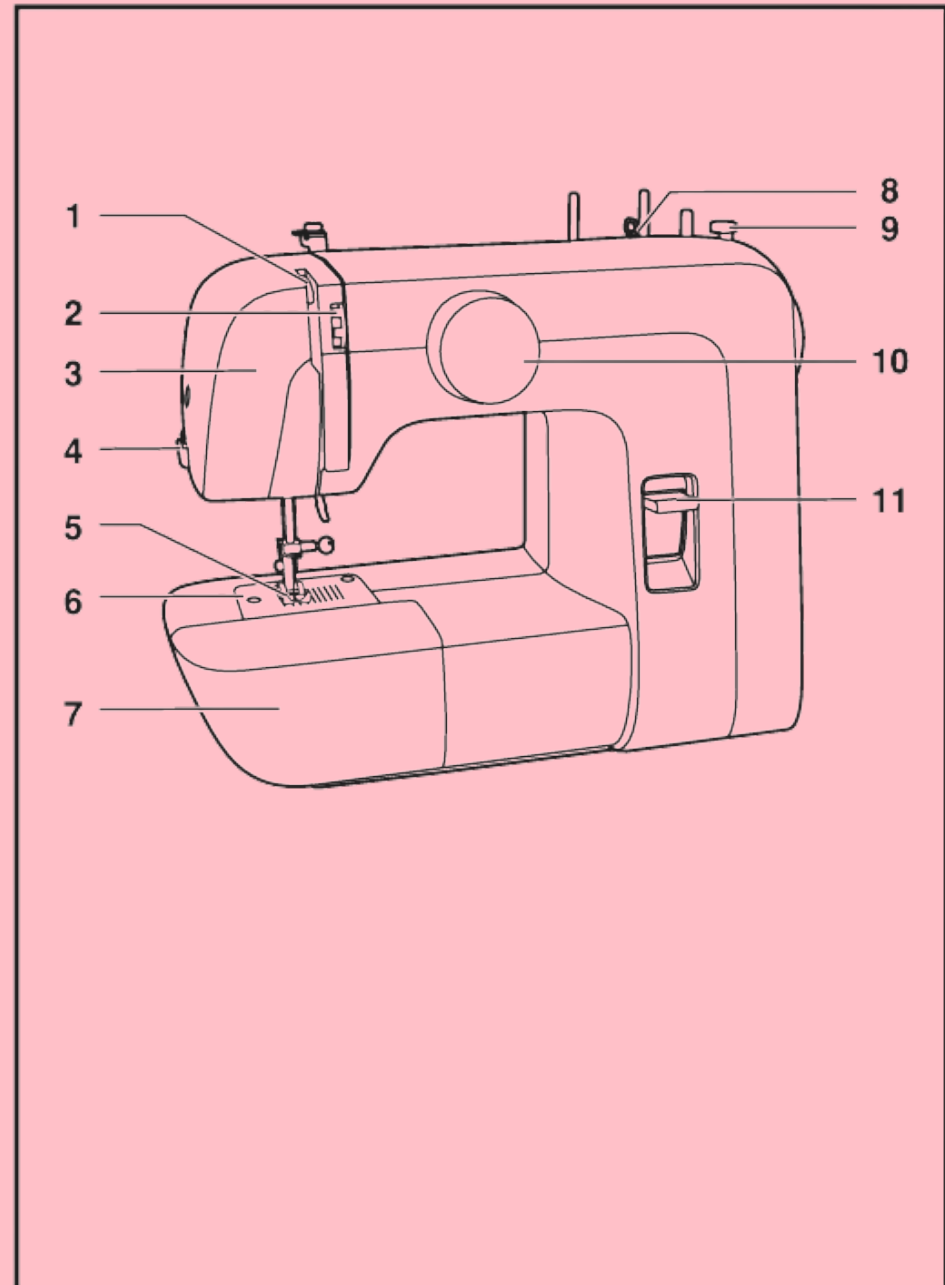
May we recommend that, before you start to use your sewing machine, you discover the many features and the ease of operation by going through this instruction book, step by step, seated at your machine.

To ensure that you are always provided with the most modern sewing capabilities, the manufacturer reserves the right to change the appearance, design or accessories of this sewing machine when considered necessary.

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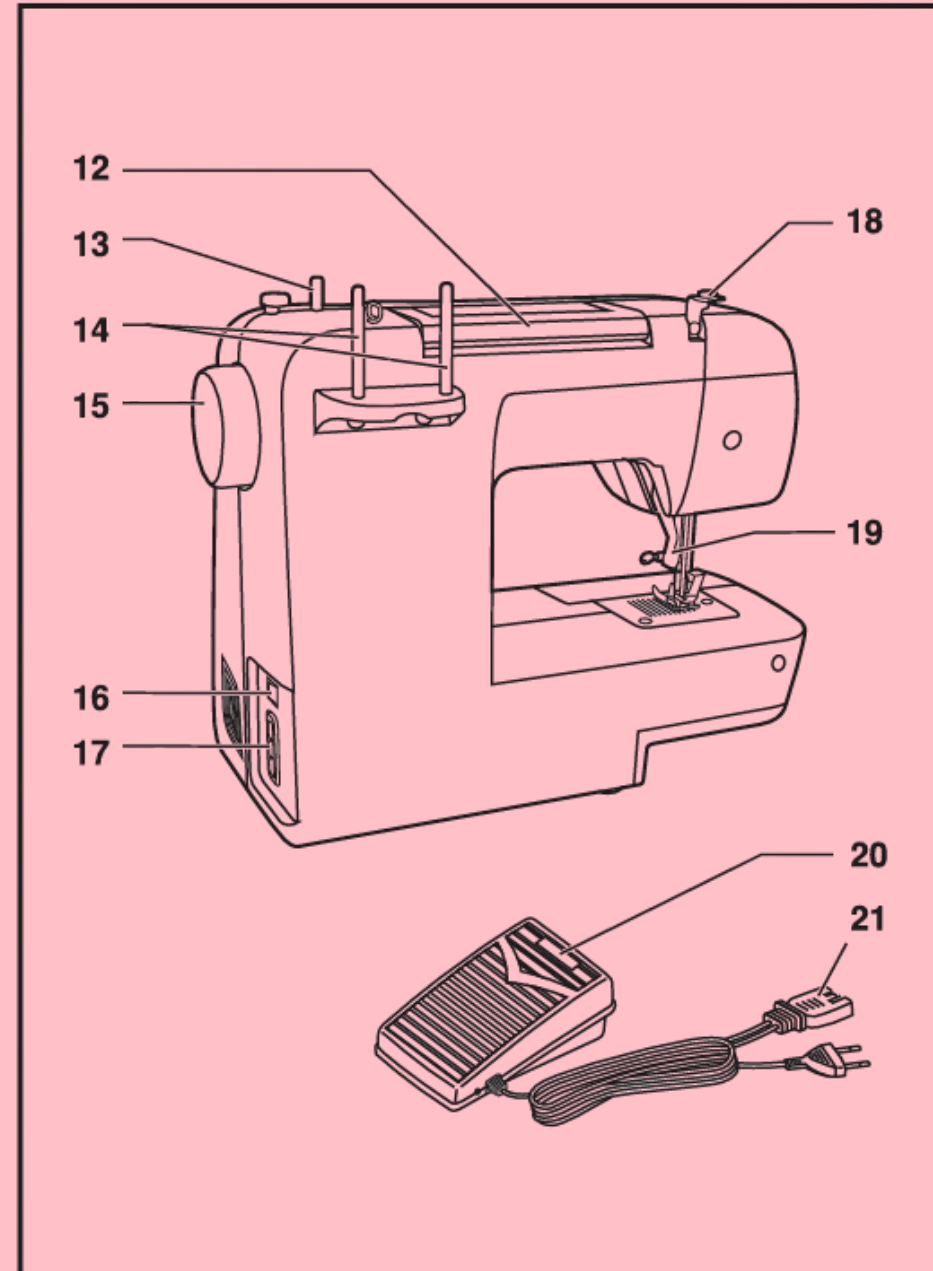
☐ Principal Parts of the Machine

1. Thread take-up lever
2. Thread tension dial
3. Face plate
4. Thread cutter
5. Presser foot
6. Needle plate
7. Removable extension table/ accessory box
8. Thread guide
9. Bobbin winder stopper
10. Pattern selector dial
11. Reverse sewing lever



□ Principal Parts of the Machine

- 12. Handle
- 13. Bobbin winder spindle
- 14. Spool pins
- 15. Handwheel
- 16. Power switch
- 17. Main plug socket
- 18. Bobbin thread guide
- 19. Presser foot lifter
- 20. Foot control
- 21. Power cord



☐ Connecting Machine to Power Source

Connect the machine to a power source as illustrated. (1)
This appliance is equipped with a polarized plug which must be used with the appropriate polarized outlet. (2)

Attention:

Unplug power cord when machine is not in use.

Foot control

The foot control pedal regulates the sewing speed. (3)

Attention:

Consult a qualified electrician if in doubt of how to connect machine to power source.

Unplug power cord when machine is not in use.

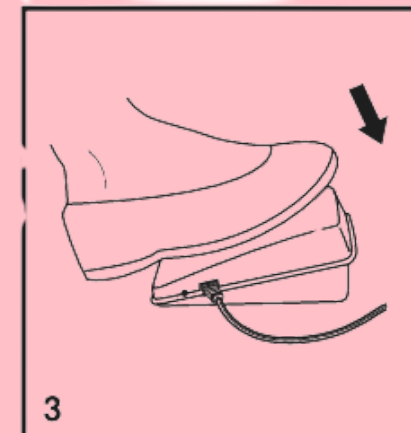
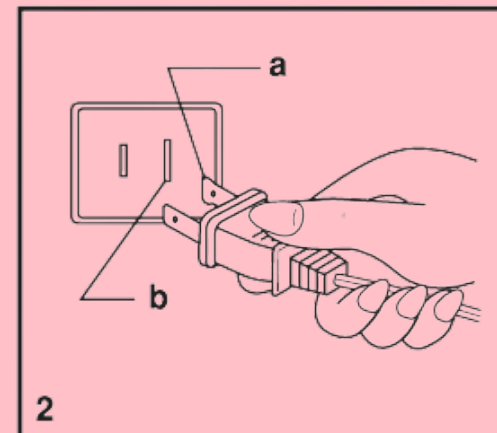
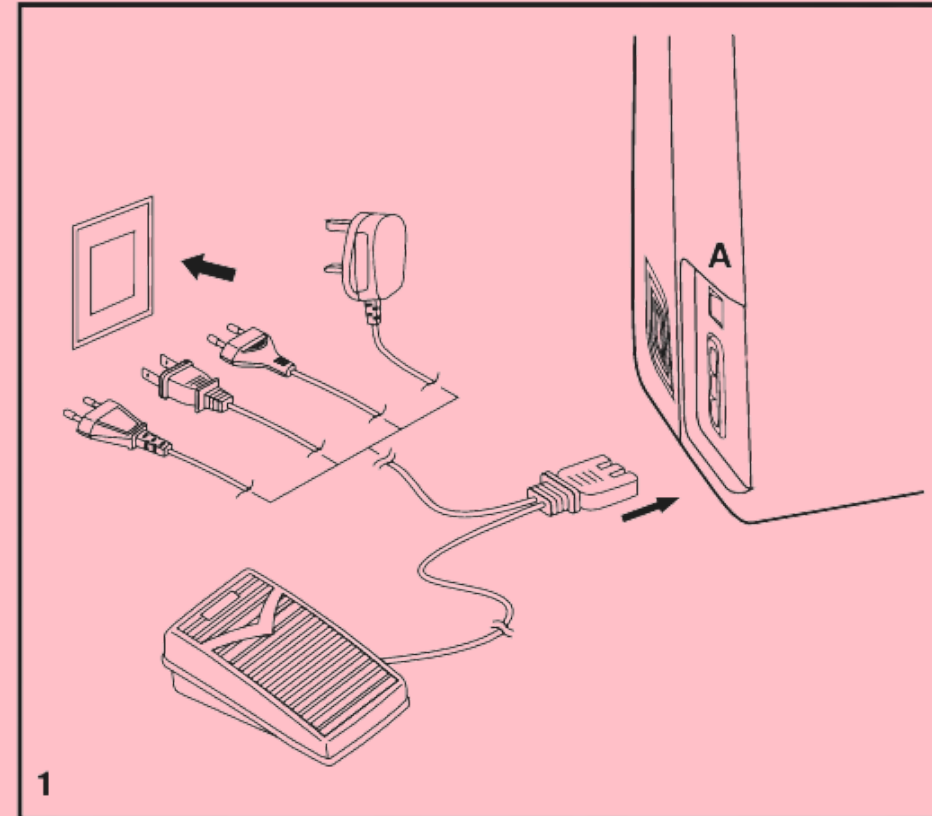
Sewing light

Press main switch (A) to "I" for power and light.

IMPORTANT NOTICE

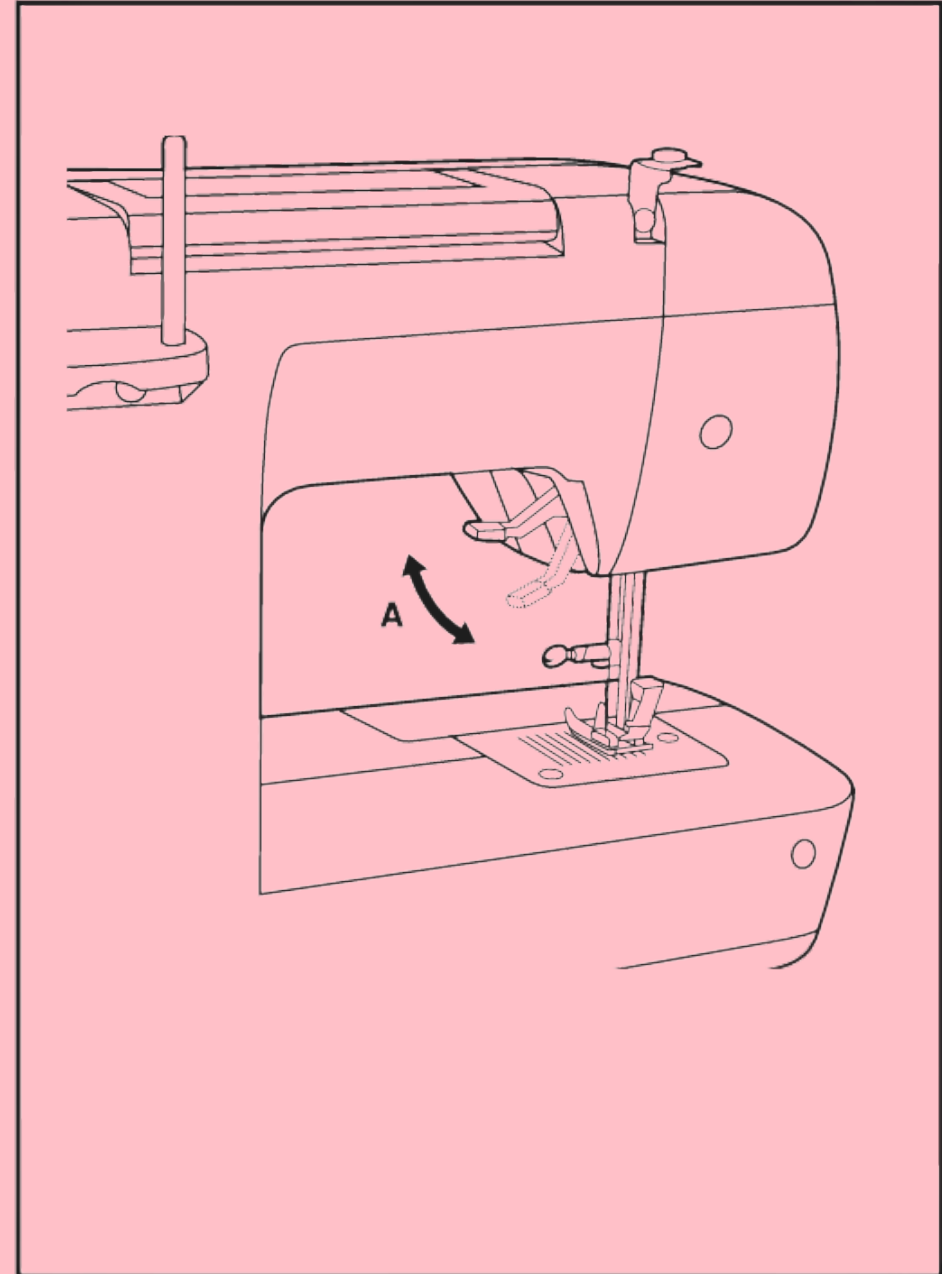
For appliance with a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If it does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not modify the plug in any way.

- a. Polarized attachment plug
- b. Conductor intended to be grounded



□ Two Step Presser Foot Lifter

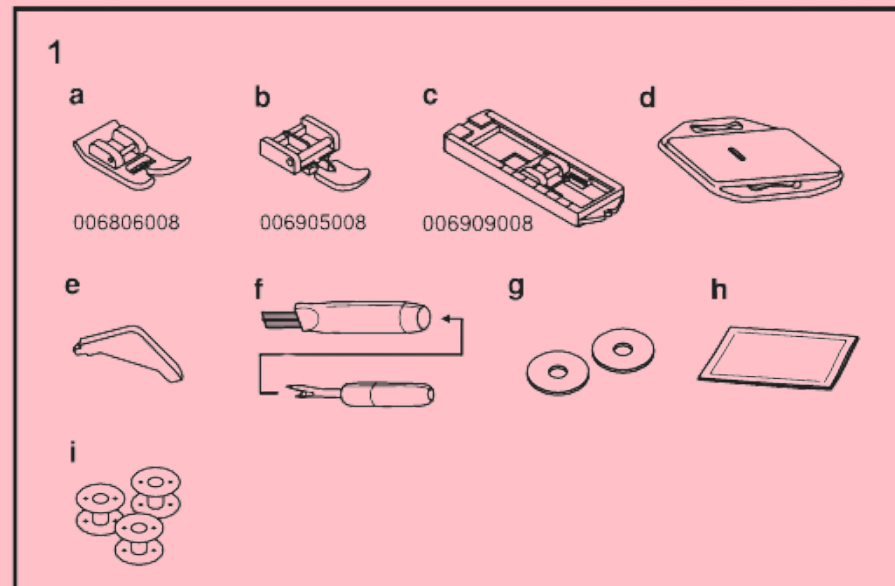
When sewing several layers or thick fabrics, the presser foot can be raised to a higher position for easy positioning of the work (A).



□ Accessories

Standard accessories (1)

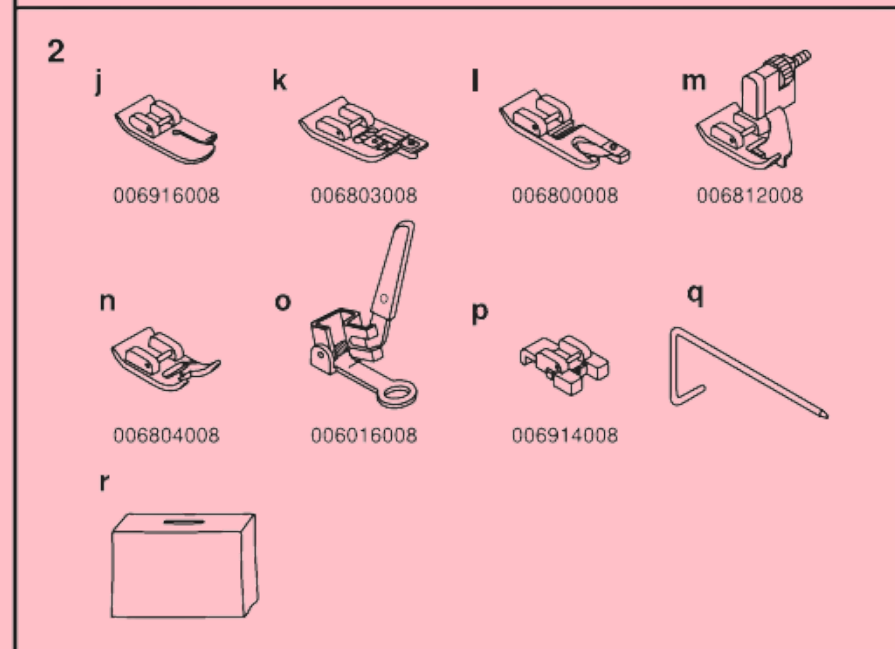
- a. All purpose foot
- b. Zipper foot
- c. Buttonhole foot
- d. Darning plate
- e. L-screwdriver
- f. Seam ripper/ brush
- g. Spool pin felt (2x)
- h. Pack of needles (3x)
- i. Bobbin (3x)



Optional accessories (2)

(These 9 accessories are not supplied with this machine; they are however available as special accessories from your local dealer.)

- j. Quilting foot
- k. Overcasting foot
- l. Hemmer foot
- m. Blind hem foot
- n. Satin stitch foot
- o. Darning/ embroidery foot
- p. Button sewing foot
- q. Edge/ quilting guide
- r. Soft cover

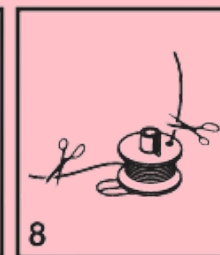
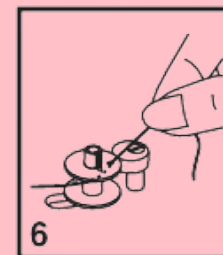
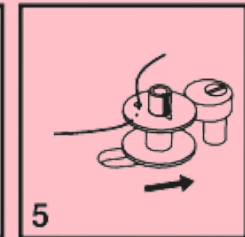
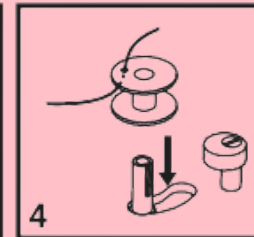
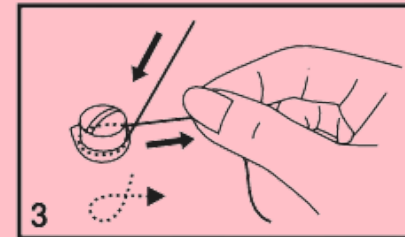
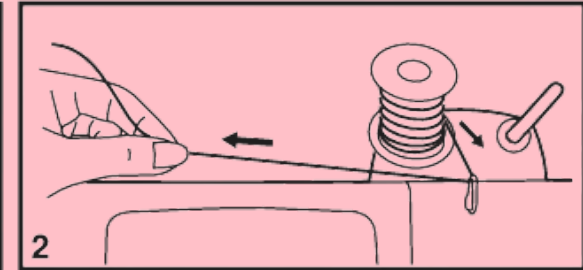
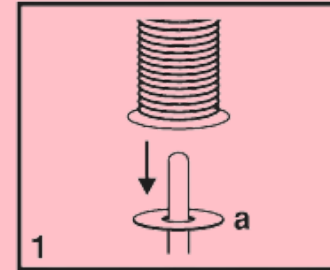
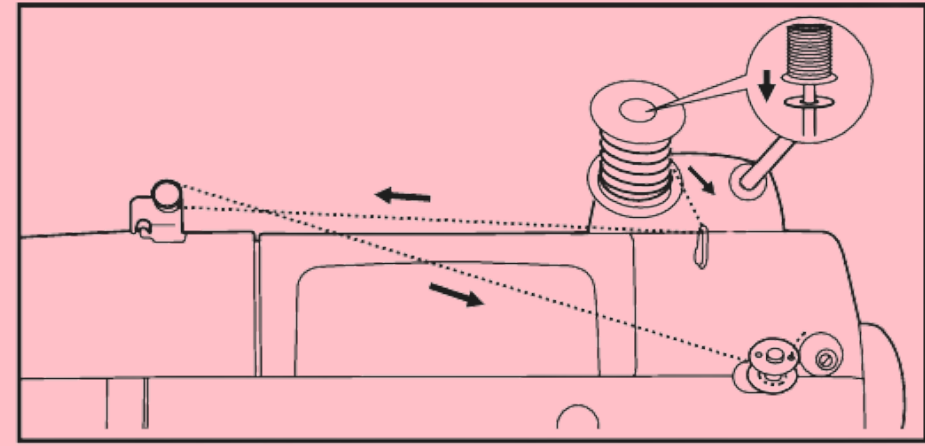


□ Winding the Bobbin

- Place the thread and spool pin felt (a) onto the spool pin. (1)
- Pass the thread through the thread guide. (2)
- Wind thread clockwise around bobbin winder tension discs. (3)
- Thread bobbin as illustrated and place on spindle. (4)
- Push bobbin spindle to right. (5)
- Hold thread end. (6)
- Step on foot control pedal. (7)
- Release the pedal after a few turns. Release the thread and cut as close as possible to the spool. Press the pedal again. Once the spool is full, it rotates slowly. Release the pedal and cut thread. (8)
- Push bobbin spindle to left (9) and remove.

Please Note:

When the bobbin winder spindle is in "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).



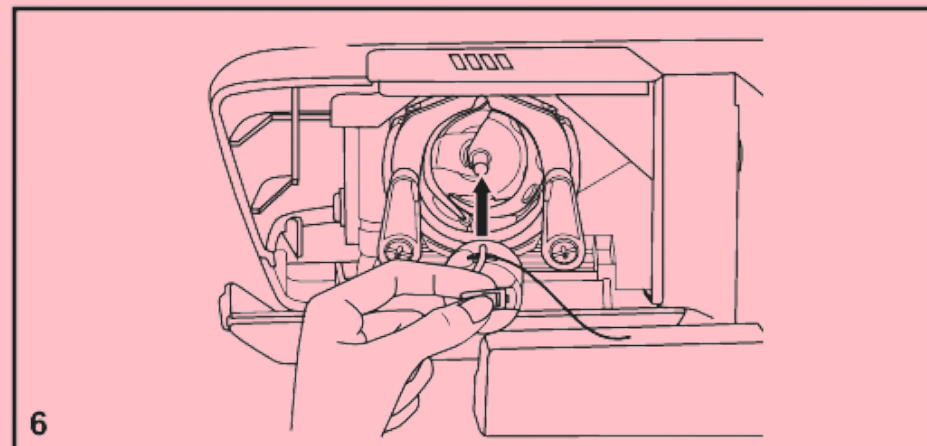
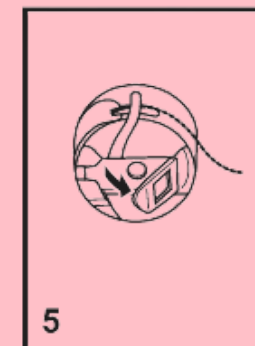
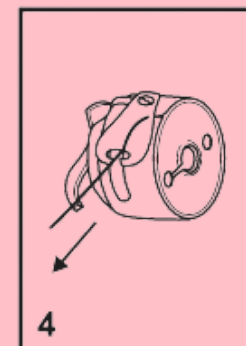
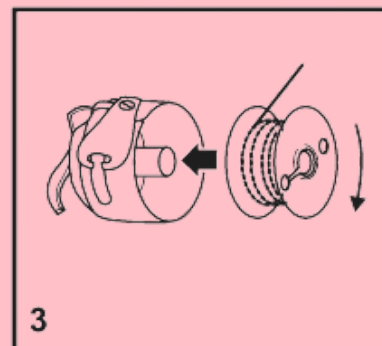
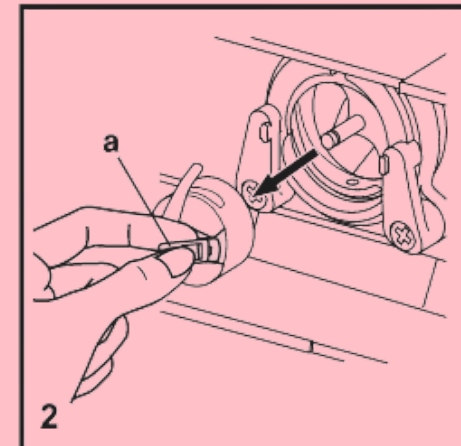
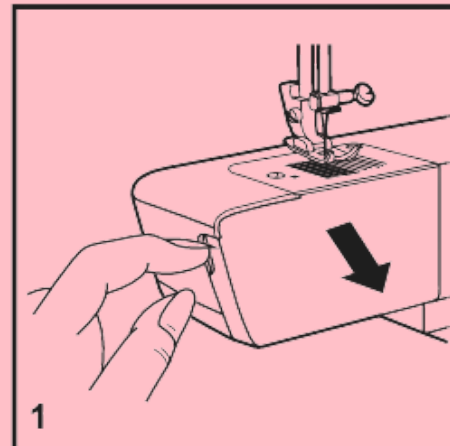
□ Inserting the Bobbin

When inserting or removing the bobbin, the needle must be fully raised, to the highest position.

- Remove the extension table, then open the hinged cover. (1)
- Pull the bobbin case tab (a) and remove the bobbin case. (2)
- Hold the bobbin case with one hand. Insert the bobbin so that the thread runs in a clockwise direction (arrow). (3)
- Pull the thread through the slit and under the finger, while holding the bobbin down in the case until thread clicks into place (4). Leave a 6 inch tail of thread.
- Hold the bobbin case by the open hinged latch. (5)
- Insert the bobbin case into the shuttle, so that the bobbin case finger is aligned at 12 o'clock. (6)

Attention:

Turn power switch to off ("O") before inserting or removing the bobbin.



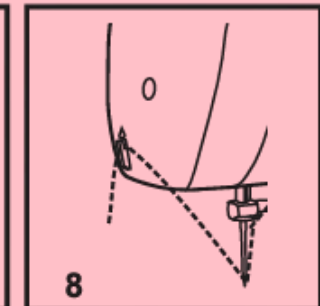
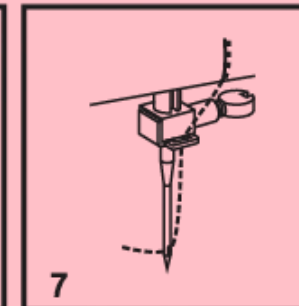
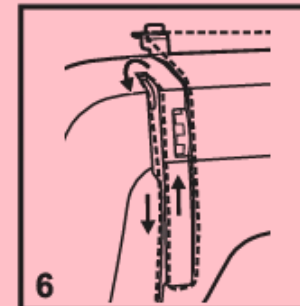
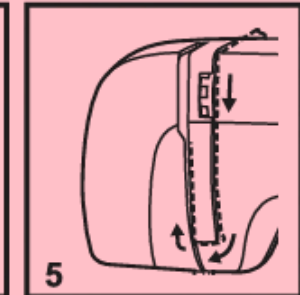
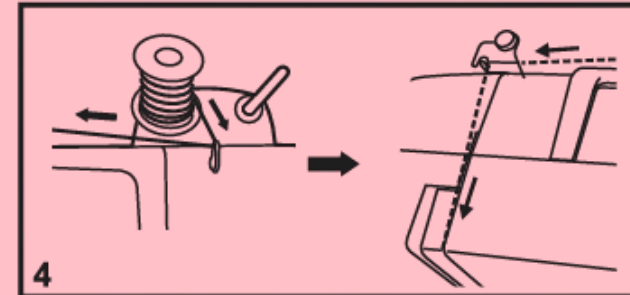
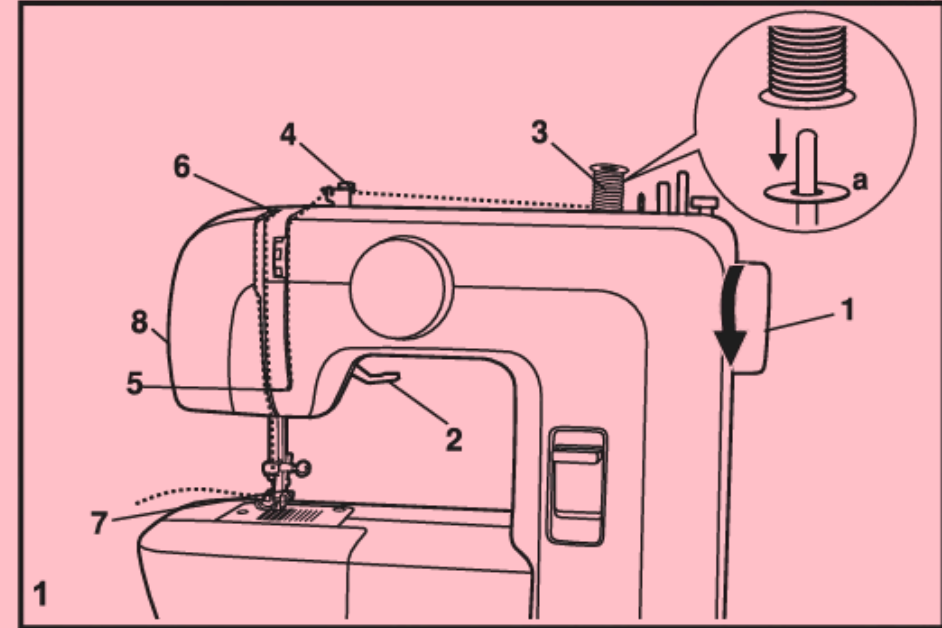
□ Threading the Upper Thread

This is a simple operation but it is important to carry out correctly as by not doing so several sewing problems could result.

- Start by raising the needle to its highest point (1), and continue turning the handwheel counterclockwise until the needle just slightly begins to descend. Raise the presser foot to release the tension discs. (2)

Note: For safety, it is strongly suggested you turn off the power before threading.

- Place the thread and Spool pin felt (a) onto the spool pin. (3)
- Draw thread from spool through the thread guide to the upper thread guide. (4)
- Thread tension module by leading thread down right channel and up left channel. (5) During this process it is helpful to hold the thread between the spool and thread guide.
- At the top of this movement pass thread from right to left through the slotted eye of the take-up lever and then downwards again. (6)
- Now pass thread behind the thin wire needle clamp guide (7) and then down to the needle which should be threaded from front to back. (8)
- Pull about 6-8 inches of thread to the rear beyond the needle eye. Trim thread to length with built in thread cutter. (8)

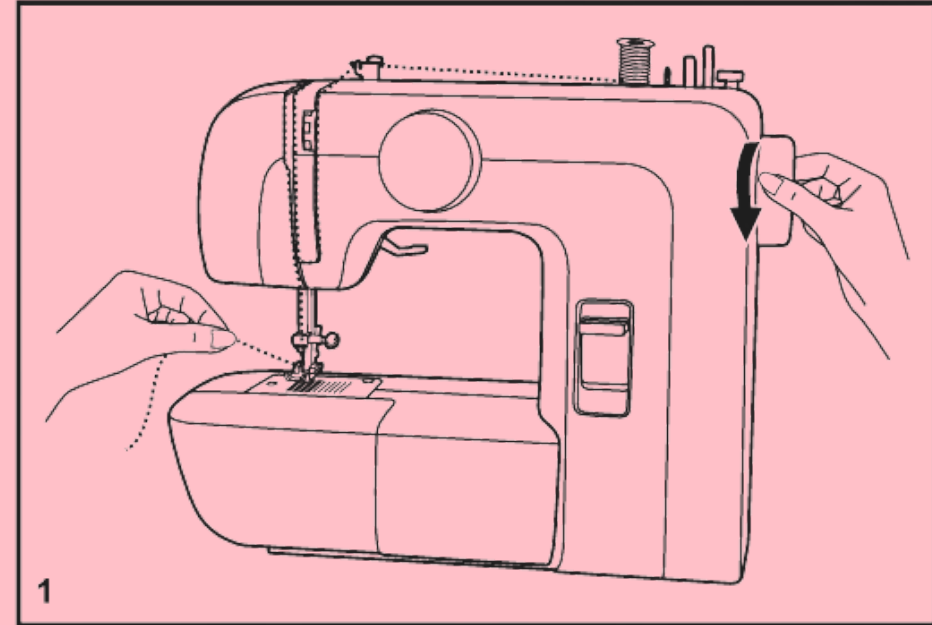


□ Raising the Bobbin Thread

Hold the upper thread with the left hand. Turn the handwheel (1) towards you (counterclockwise) lowering, then raising needle.

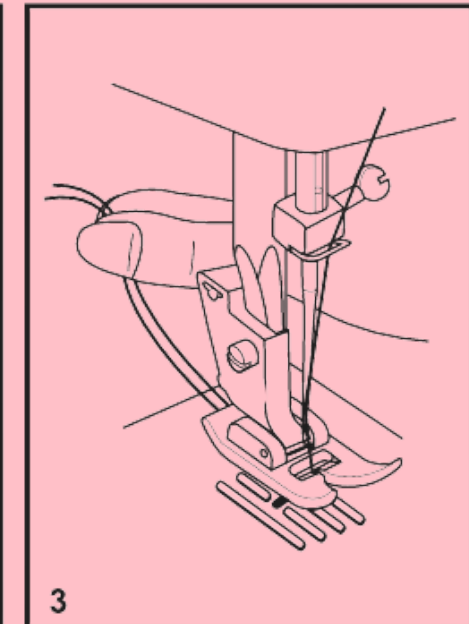
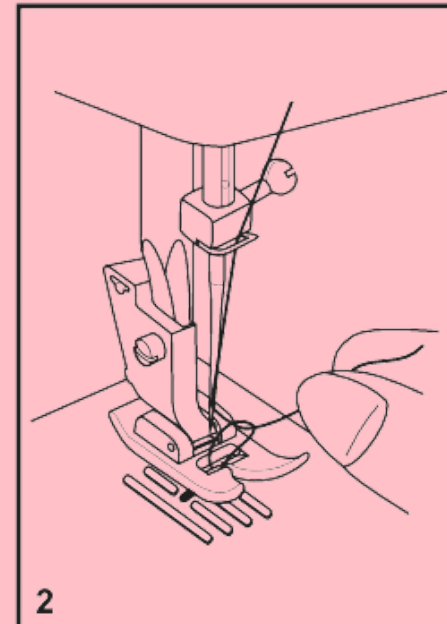
Note:

If it is difficult to raise the bobbin thread, check to make sure the thread is not trapped by the hinged cover or the Removable Extension Table.



Gently pull on the upper thread to bring the bobbin thread up through the needle plate hole. (2)

Lay both threads to the back under the presser foot. (3)



☐ Thread Tension

Upper thread tension

Basic thread tension setting: "4" (1)

To increase the tension, turn the dial to the next number up.

To reduce the tension, turn the dial to the next number down.

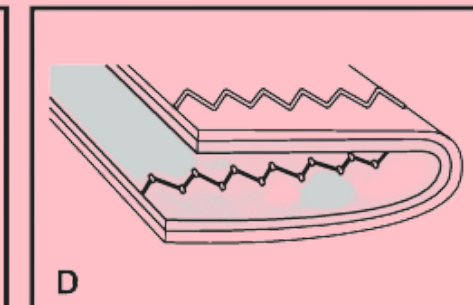
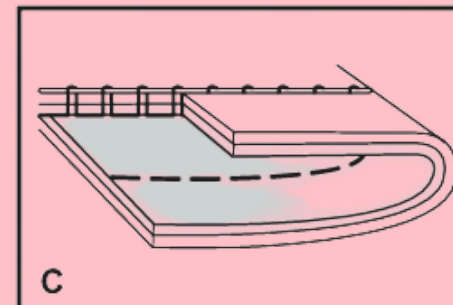
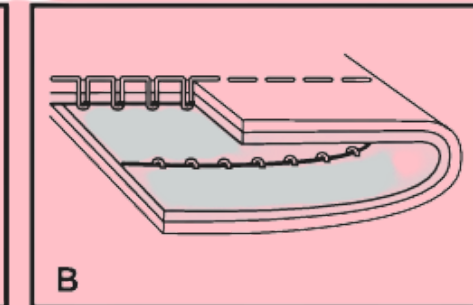
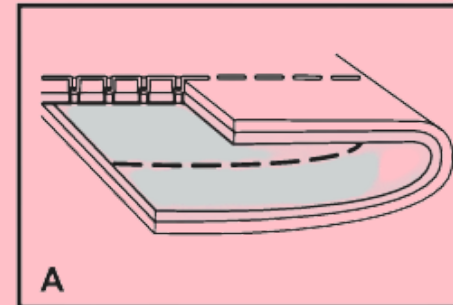
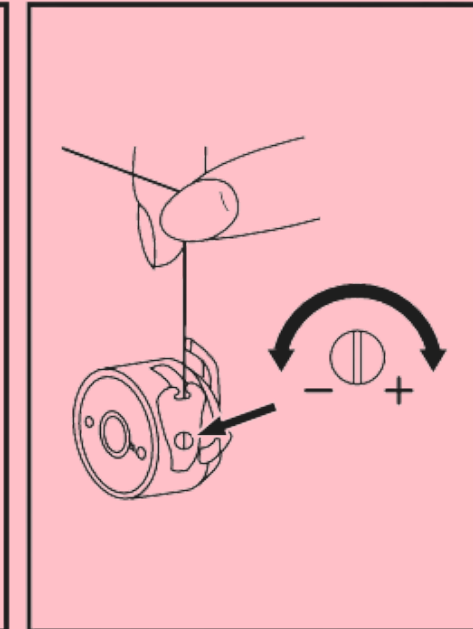
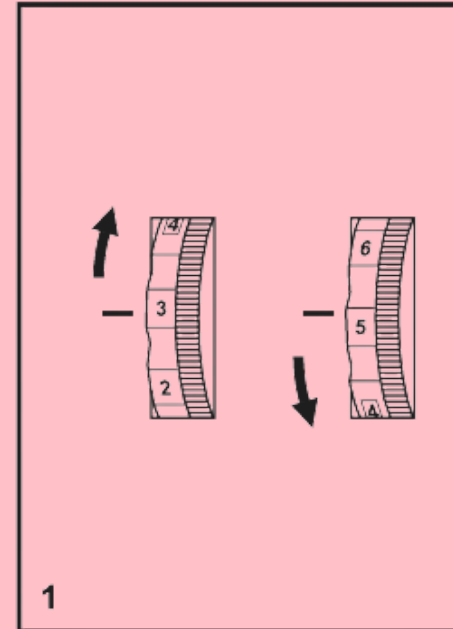
- A. Normal thread tension for straight stitch sewing.
- B. Thread tension too loose for straight stitch sewing. Turn dial to higher number.
- C. Thread tension too tight for straight stitch sewing. Turn dial to lower number.
- D. Normal thread tension for zig zag and decorative sewing. Correct thread tension is when a small amount of the upper thread appears on the bottom side of fabric.

Lower thread tension (2)

To test the bobbin thread tension, remove the bobbin case and bobbin and hold it by suspending it by the thread. Jerk it once or twice. If the tension is correct, the thread will unwind by about an inch or two. If the tension is too tight, it does not unwind at all. If the tension is too loose, it will drop too much. To adjust, turn the small screw on the side of the bobbin case.

Please note:

- Proper setting of tension is important to good sewing.
- There is no single tension setting appropriate for all stitch functions, thread or fabric.
- A balanced tension (identical stitches both top and bottom) is usually only desirable for straight stitch construction sewing.
- 90% of all sewing will be between "3" and "5".
- For zig zag and decorative sewing stitch functions, thread tension should generally be less than for straight stitch sewing.
- For all decorative sewing you will always obtain a nicer stitch and less fabric puckering when the upper thread appears on the bottom side of your fabric.



□ How to Choose Your Pattern

To select a stitch, simply turn the pattern selector dial. (a)
The pattern selector dial may be turned in either direction.

- a. Pattern Selector Dial
- b. Reverse Sewing Lever

