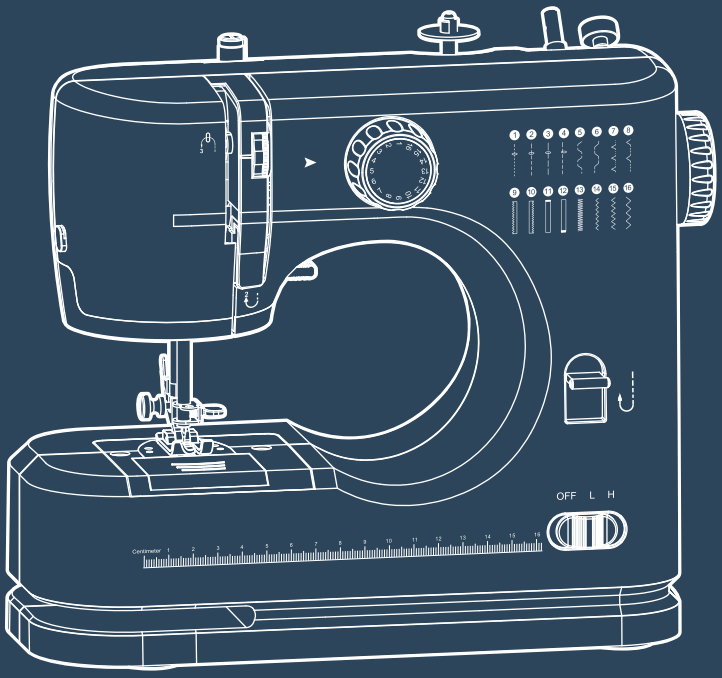
BEST CHOICE
PRODUCTS



INSTRUCTION MANUAL

6V Compact Sewing Machine

Ver. 2

SKY10833 + SKY10834 + SKY10835 + SKY10836 + SKY12304 + SKY12305

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FOR ASSEMBLY VIDEO!



NOTICE | *Please retain these instructions for future reference.*

- Please read instructions carefully before installing or operating machine.
- Make sure to inspect the machine periodically to ensure it is in good condition.
- This product 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.
- If any parts are missing, broken, damaged, or worn, stop using this item until repairs are made and/or factory replacement parts are installed.
- Do not use this item in a way inconsistent with the manufacturer's instructions as this could void the product warranty.

⚠WARNING

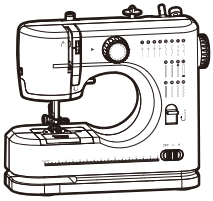
- This machine is not a toy; it is not meant to be used by or near children.
- Never leave machine unattended while plugged in. Turn off and unplug when not in use.
- Keep machine away from direct sunlight and other sources of heat (stove, heater, etc.).
- Do not run power cord over sharp edges/corners or a hot surface.
- Do not close a door on the power cord as it could damage the cord.
- Do not open the main motor case of the machine. The mechanism has been factory adjusted.
- Do not submerge the unit or power cord in water or any other liquid.
- Do not operate machine with wet hands, without shoes, or while standing in water or on a wet surface.
- Do not touch the plug with wet hands.
- Always check the threading of the lockstitch before sewing a seam. Improper threading or placement of the bobbin will damage the machine.
- Gently guide the fabric as you sew. Do not pull fabric when sewing as it could break the needle and damage the machine.
- Do not sew clothing as it is being worn.
- Only use the provided adapter, using any other adapter may damage the equipment.
- Do not unplug the appliance by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
- Do not touch needle or thread machine while unit has power.
- Unplug or remove power supply when changing needle or threading machine.
- Unplug or remove power supply before storage or if machine is unused for a long period of time.

SPECIFICATIONS

Power	7.2 Watts
Input	100-240V~50/60Hz
Output	DC 6V 1200mA
Stitch Patterns	16
Stitch Length	2mm
Max Sewing Speed	330 SPM (Stitches/min.)
Max Thickness	2.5mm

PARTS

A SEWING MACHINE



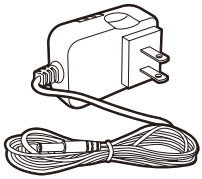
1 PC

B FOOT PEDAL



1 PC

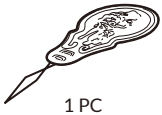
C POWER ADAPTOR



1 PC

ACCESSORIES

1 NEEDLE THREADER



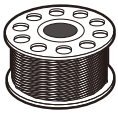
1 PC

2 SPOOL



18 PCS

3 BOBBIN



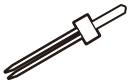
18 PCS

4 NEEDLE (#14)



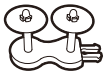
7 PCS

5 TWIN NEEDLE



1 PC

6 TWIN SPOOL PIN



1 PC

7 BUTTON HOLE PRESSER FOOT



1 PC

8 MEASURING TAPE



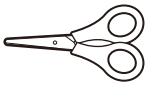
1 PC

9 THIMBLE



1 PC

10 SCISSOR



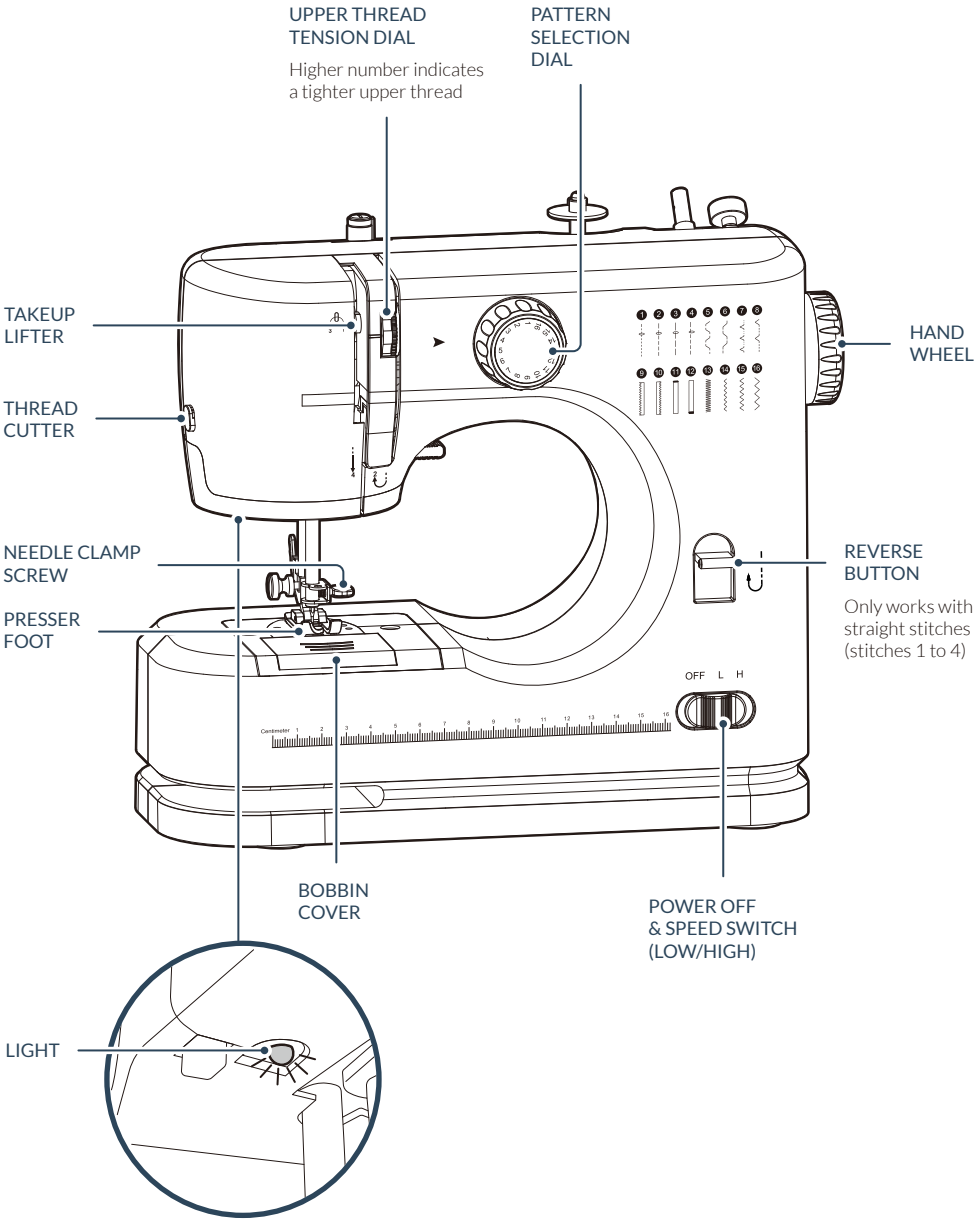
1 PC

11 SEAM RIPPER

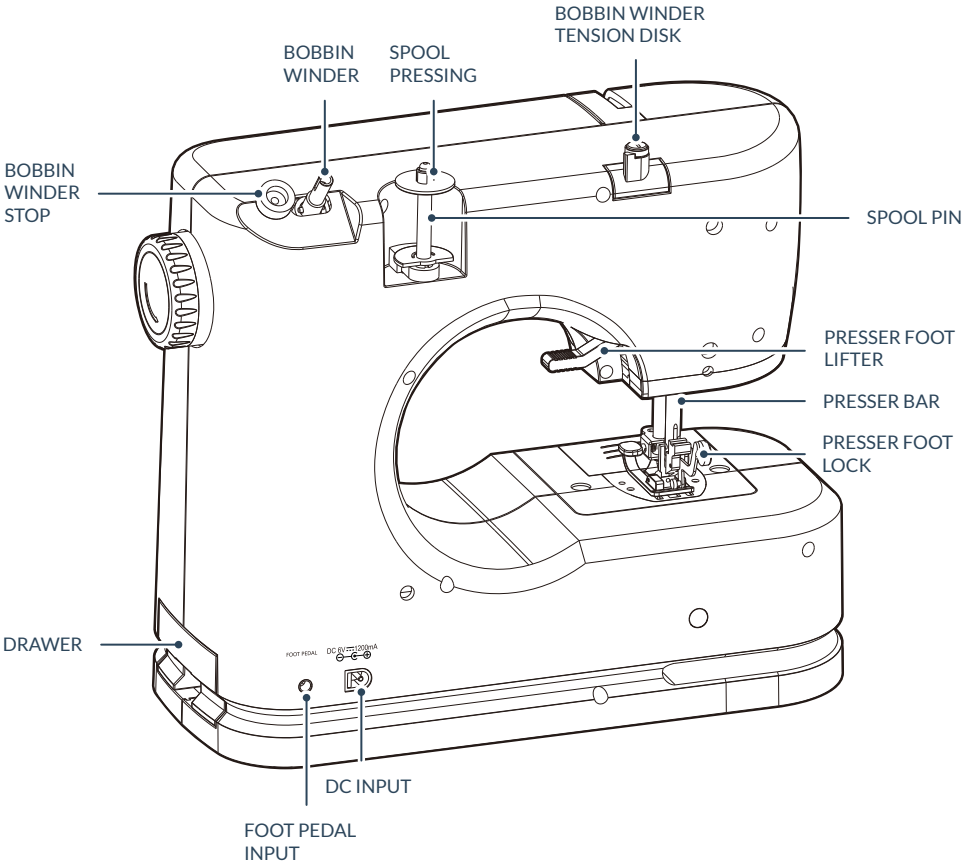


1 PC

MAIN DIAGRAM (FRONT)

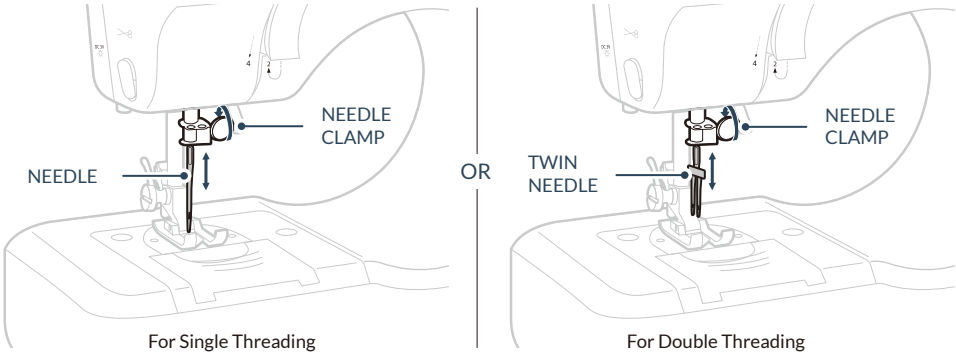


MAIN DIAGRAM (BACK)



PREPARING MACHINE

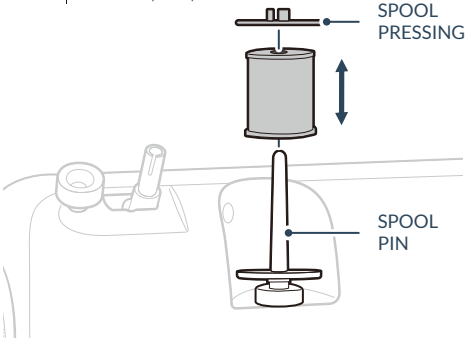
1 Select and position the flat surface of the needle towards the presser bar, then insert the needle. Tighten the needle clamp to secure the needle.



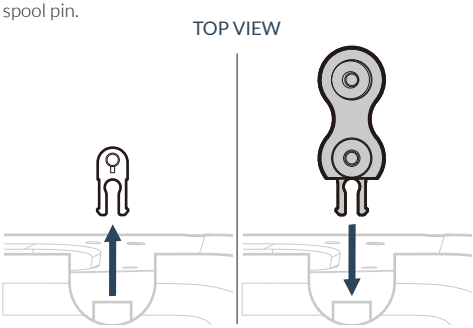
For Single Threading

For Double Threading

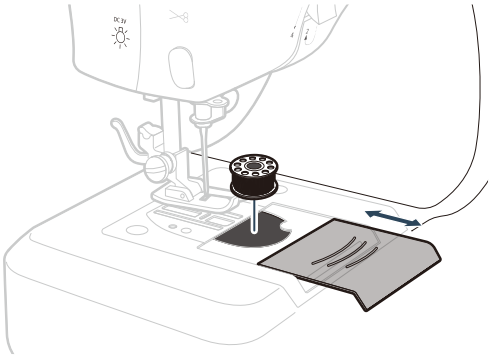
2 Remove the spool pressing, then place a spool on the spool pin.



For Double Threading: Remove the spool pin and replace it with the twin spool pin. Place two spools on the twin spool pin.



3 Remove the bobbin cover, then place the bottom bobbin in the bobbin holder.



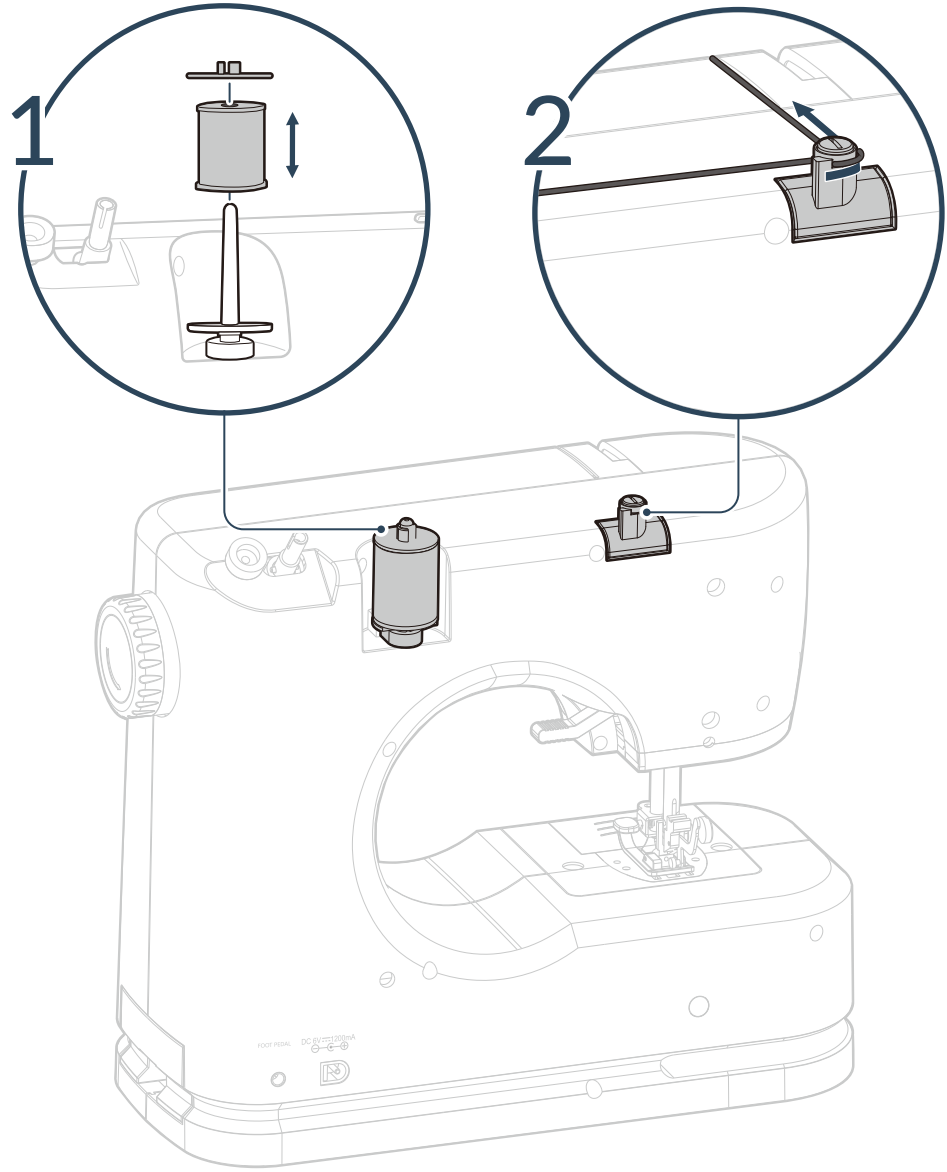
NOTE: Machine is pre-threaded. Please note the threading carefully before replacing the bobbin, then follow steps to re-thread the machine.

SINGLE THEADING MACHINE

NOTE: It is very important that the machine is threaded correctly.
Machine will not function properly if threaded incorrectly.

1. Install the top spool.

2. Route the thread through the bobbin winder tension disk.



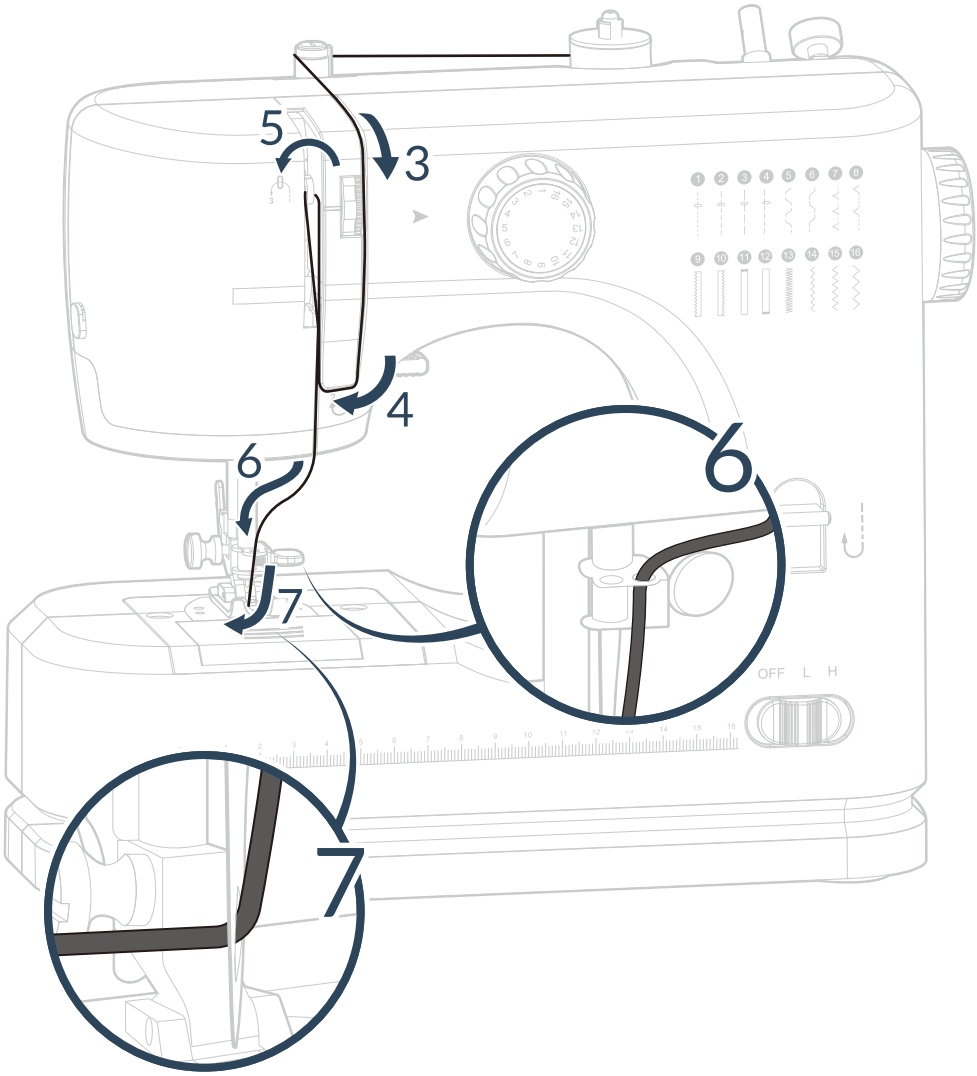
3. Route it through the crevice next to the thread tension dial.

4. Hook it around the thread compression tab.

5. Thread it through the take-up lever from right to left.

6. Route it through the threading hole.

7. Thread the needle eye from front to back.

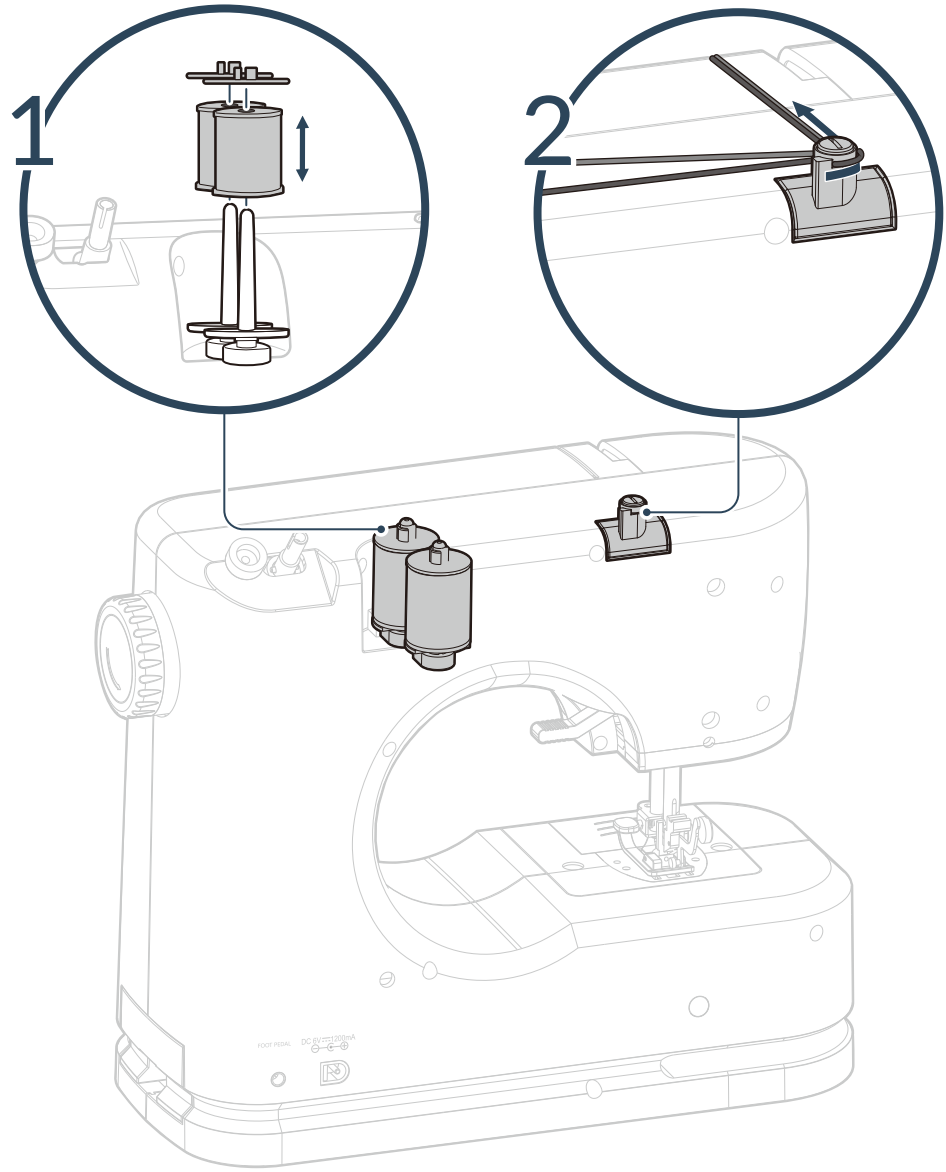


DOUBLE THEADING MACHINE

NOTE: It is very important that the machine is threaded correctly.
Machine will not function properly if threaded incorrectly.

1. Install the top spool.

2. Route the thread through the bobbin winder tension disk.



3. Route it through the crevice next to the thread tension dial.

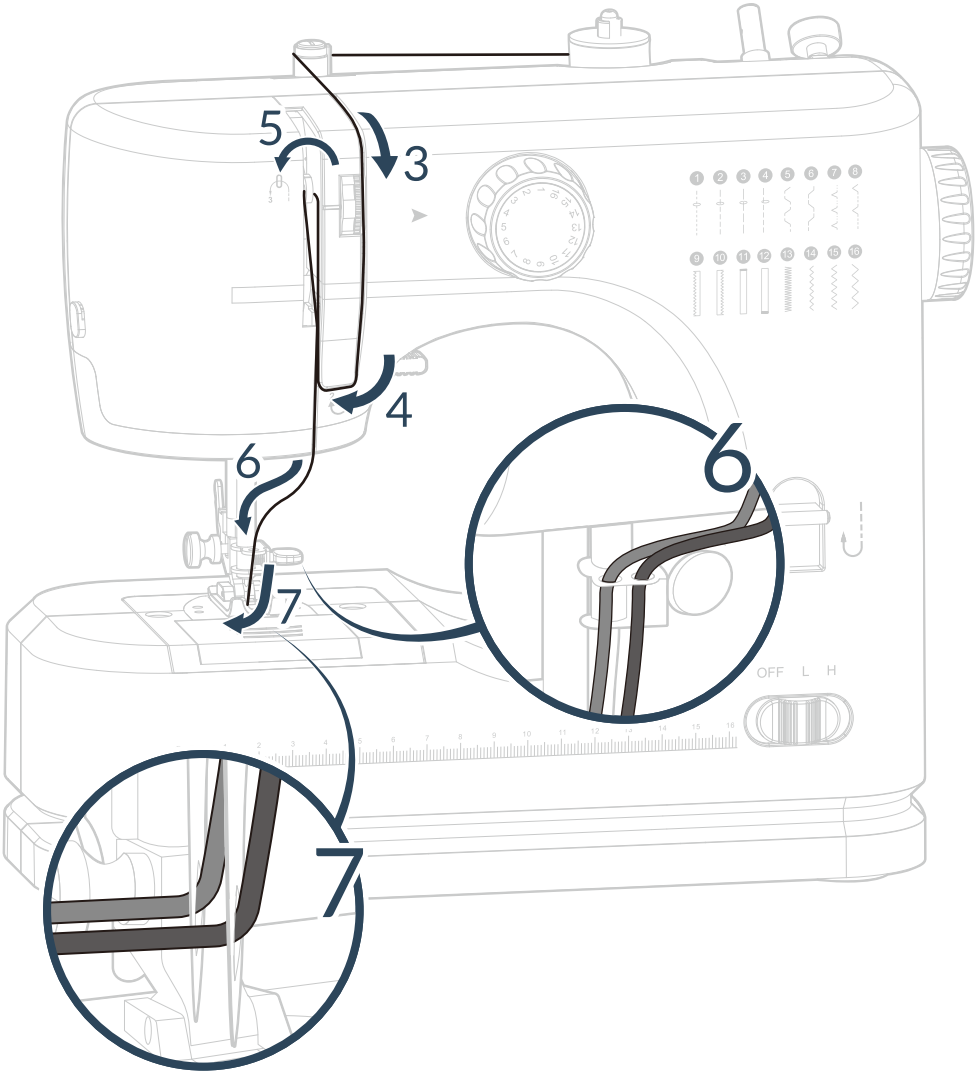
4. Hook it around the thread compression tab.

5. Thread it through the take-up lever from right to left.

6. Route it through the threading holes.

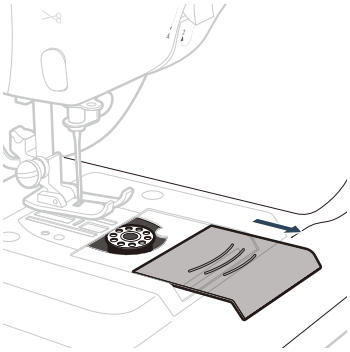
7. Thread the needle eye from front to back.

NOTE: Twin needles can only be use to create straight stitches. (Use stitches 1 to 4)

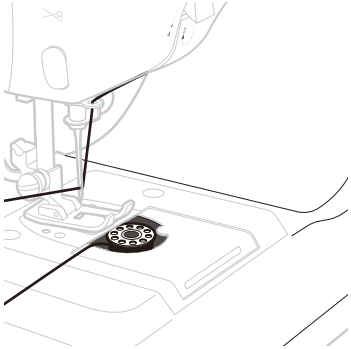


LOWER THREADING MACHINE

1 Remove the bobbin cover.

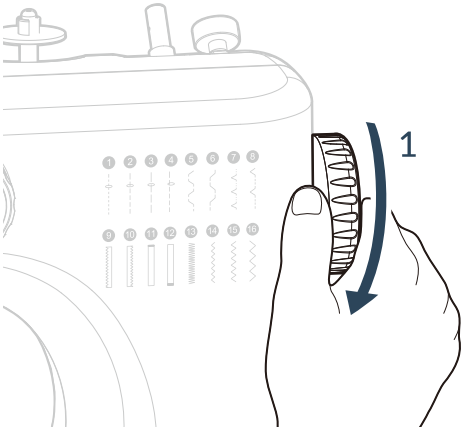


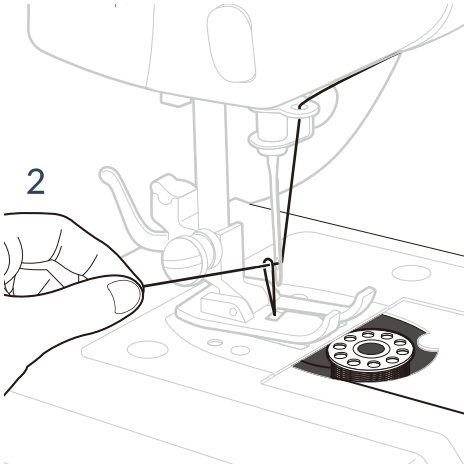
2 Pull the thread out from the bottom bobbin approximately 4 inches. Hold the upper thread from the needle eye.



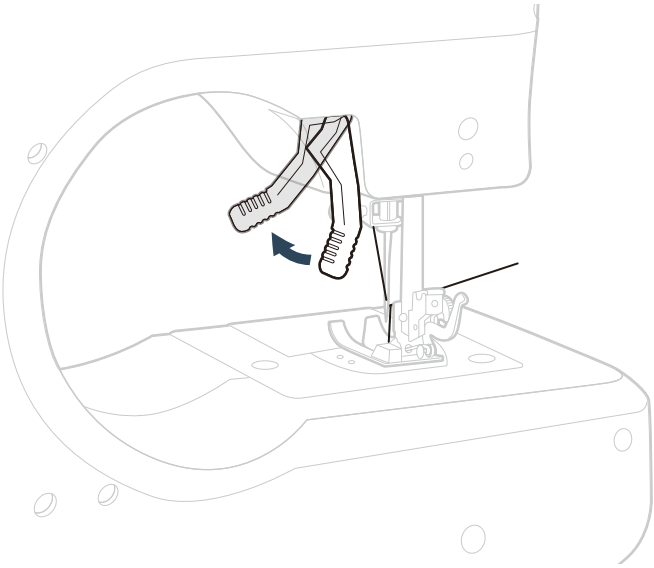
3 Turn the handwheel counterclockwise with your **right hand** while holding the upper thread with your **left hand.**

Continue turning until the needle completes one full cycle, then gently pull the upper thread to bring up the bottom thread.





4 Raise the pressure foot lifter and position the top and bottom thread under the presser foot.



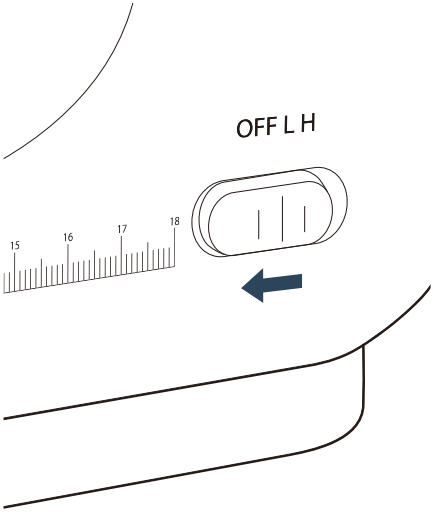
5 Pull both threads out 4 inches. Replace the bobbin cover.



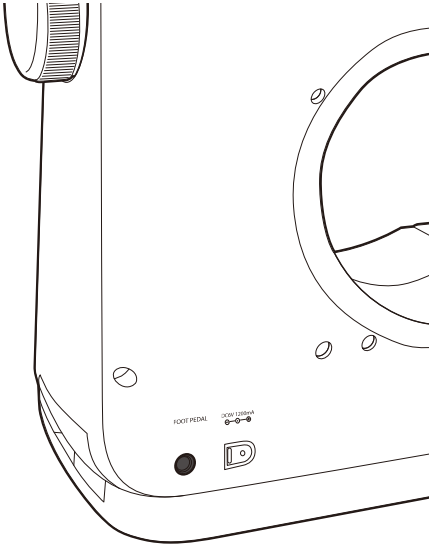
USING FOOT PEDAL

1 Switch the power to the OFF position.

NOTE: The part B foot pedal will not function if the switch is in the “low” or “high” positions.

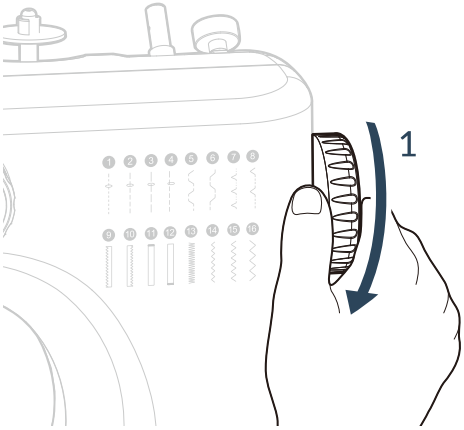


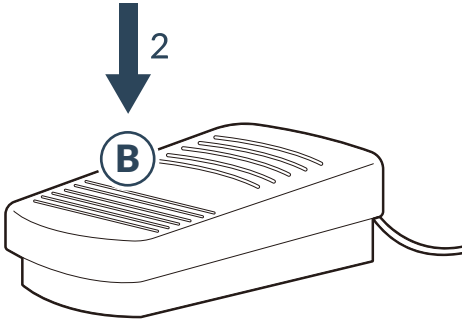
2 Plug the part B foot pedal into the foot pedal input.



3 Before pressing the foot pedal to begin sewing, turn the handwheel with your right hand to ensure smooth operation. Then press and release the foot pedal to adjust the sewing speed.

If you encounter any thread entanglement, stop the machine immediately and inspect it. Remove the tangled thread, check the threading path, and only resume operation after ensuring everything is correctly threaded and functioning properly.

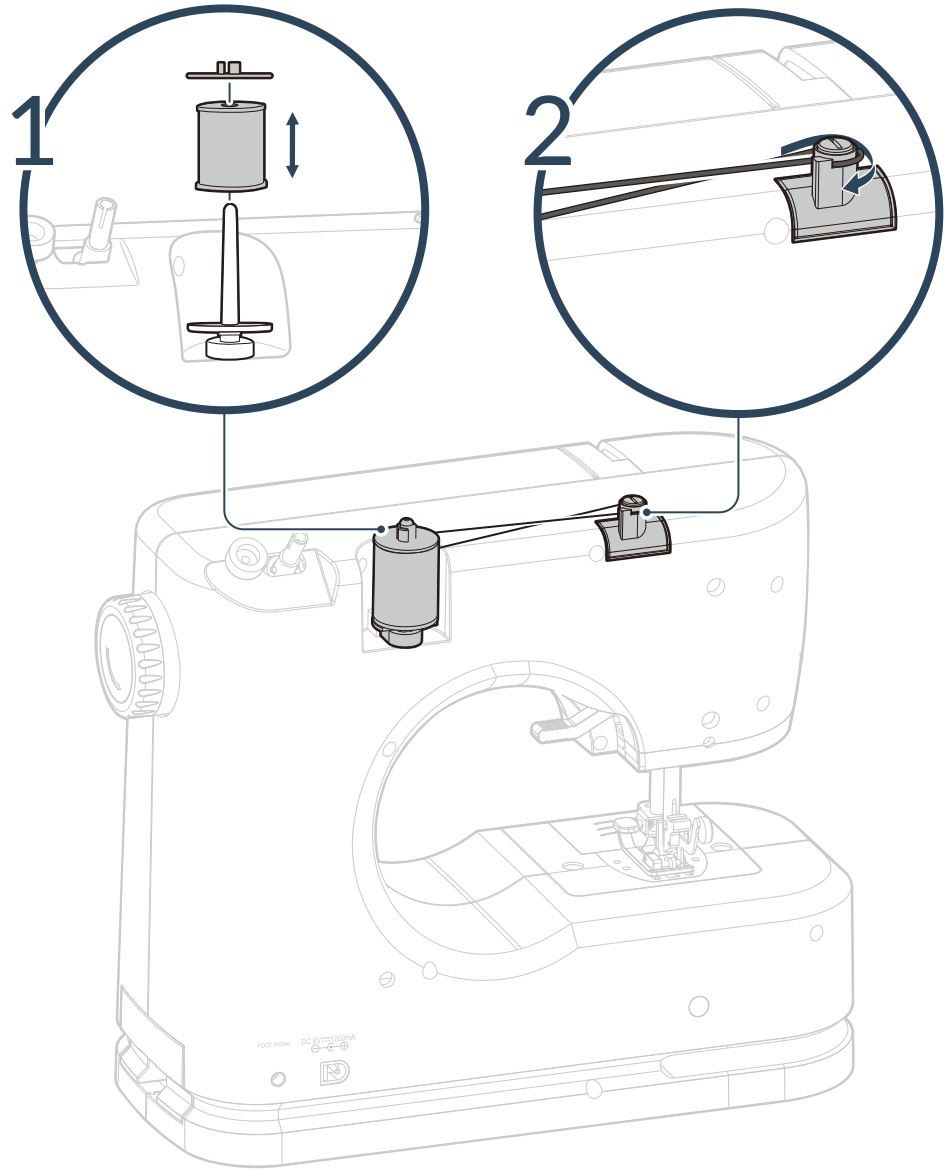




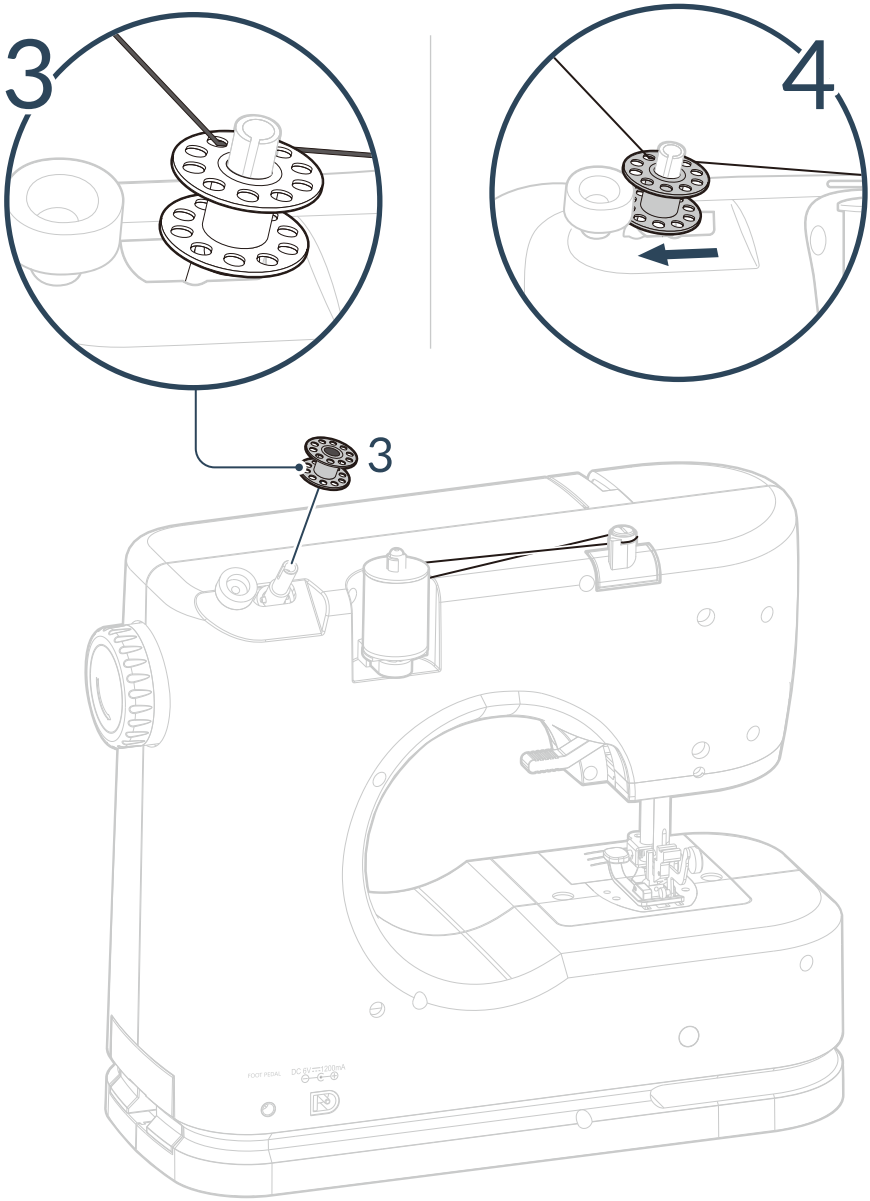
BOBBIN WINDING

NOTE: Make sure you remove the bottom bobbin from the machine before winding another bobbin.

1. Place a spool on the spool pin.
2. Route the thread through the bobbin winder tension disk.



3. Place a bobbin on the bobbin winder pin. Route the thread through a hole in the bobbin.
4. Push the bobbin to the left until it presses against the bobbin winder stop.
5. Switch machine on to begin winding.
6. Switch machine off after the desired amount of thread has wind around the bobbin.
7. Push the bobbin to the right, remove the bobbin, and cut the thread.

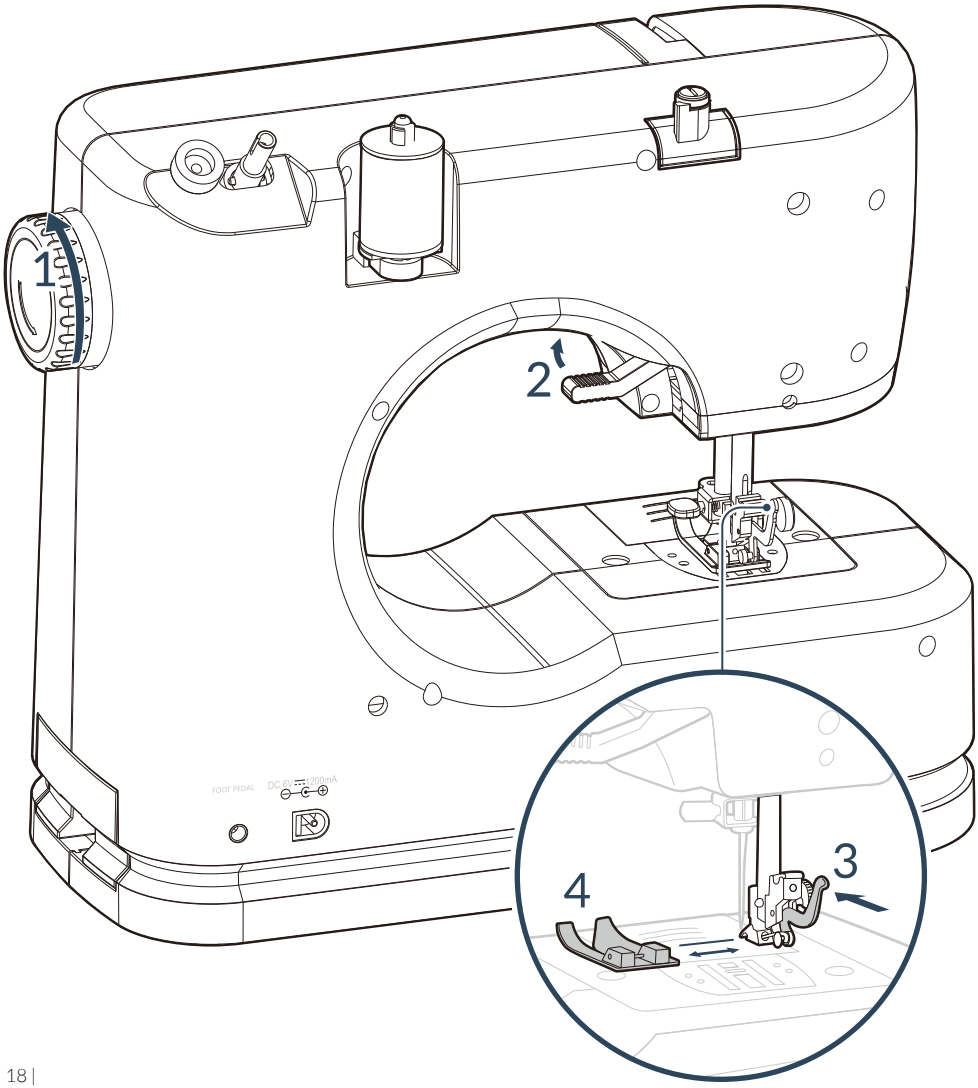


CHANGING PRESSER FOOT

Notice

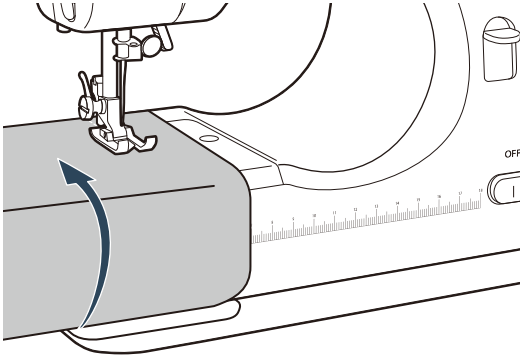
- Switch power off, disconnect the power adaptor, and remove the foot pedal before replacing the presser foot.
- Make sure machine is on a flat and stable surface.
- Keep hands and fingers away from the needle and presser foot to avoid injury.

1. Turn hand wheel counterclockwise until the needle is at its highest position.
2. Raise the presser foot lifter.
3. Press the presser foot lock to release the presser foot.
4. Place a new presser foot (not included) under the designated slot, then lower the presser foot lifter to lock it in place.

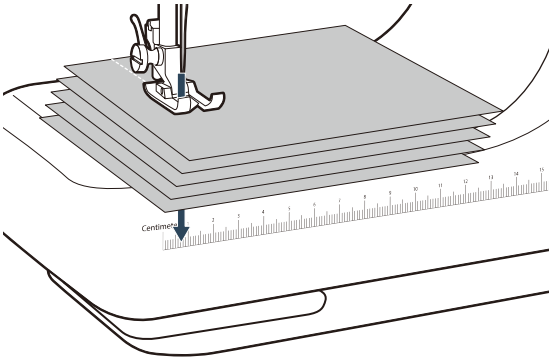


FUNCTIONS

Sleeve Slot: Convenient slot allows you to easily sew sleeves or leg openings.



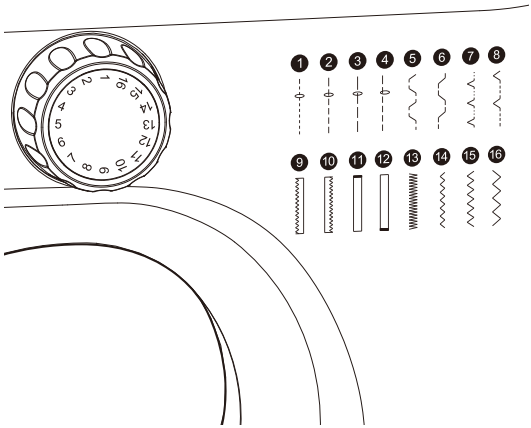
5-Layer Stitch: Machine can sew through 5 layers at a time.



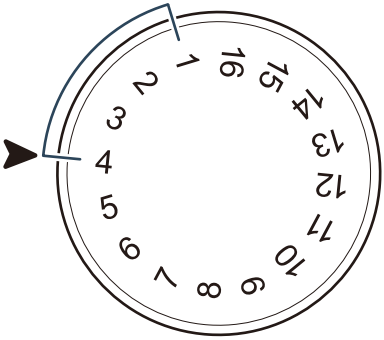
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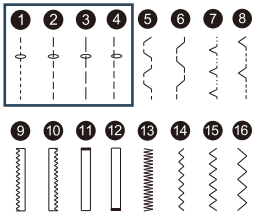
16 Stitch Options:

1. This sewing machine has 16 stitch patterns. To choose a stitch, look at the stitch diagrams (1–16) on the front of the machine. Turn the selector dial until the number you want lines up with the arrow.
2. To change stitches, first turn the handwheel on the side to raise the needle to its highest point. Then, turn the selector dial to the new stitch number.

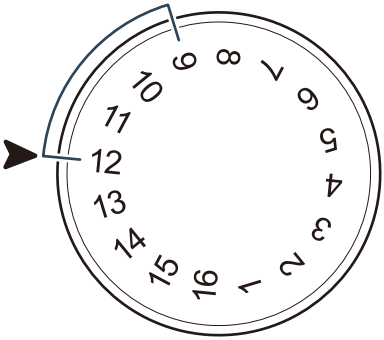


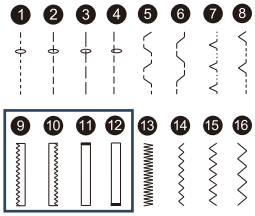
Adjustable Needle Distance: Use sticthes 1 to 4 to vary needle distance.



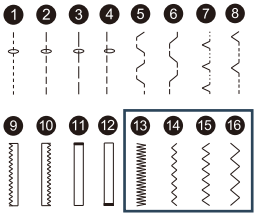


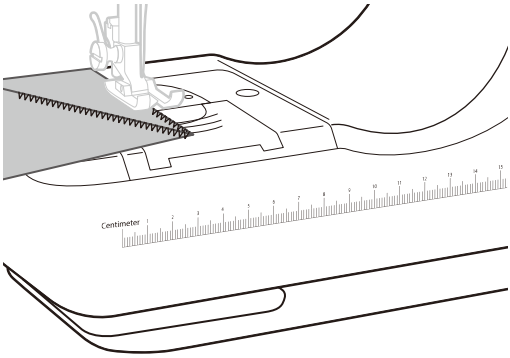
Buttonholing: Use stitches 9 and 12 to sew buttonholes.





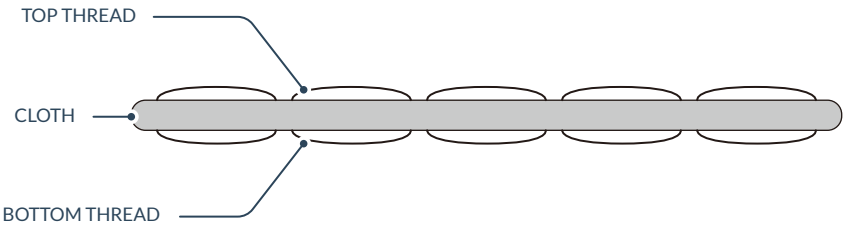
Overlock: Use stitches 13 to 16 to easily overlock.





ADJUSTING STITCHING

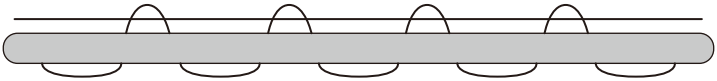
Correct stitching should be neat; the top and bottom threading should be even.



If the bottom threading looks like a straight line, it means the top threading is too loose. Increase tension with the upper thread tension dial (higher number on the dial) until stitching returns to normal.



If the top threading looks like a straight line, it means the top threading is too tight. Decrease tension with the upper thread tension dial (lower number on the dial) until stitching returns to normal.



SEWING DIFFERENT FABRIC TYPES

Fabric Type/Thickness	Cotton/Linen	Silk/Wool	Polyester	Elastic
Regular	Easy	Difficult	Easy	Moderate
Thick	Easy	Difficult	Easy	Moderate
Thin	Easy	Difficult	Difficult	Difficult
Hard(jeans, canvas, etc.)	Easy	Easy	Easy	Moderate
Soft(towel duster fabric, etc.)	Difficult	Difficult	Difficult	Difficult

FABRIC CLASSIFICATION GUIDE

Fabric Thickness:
If the combined thickness of two layers of fabric is less than 0.35 mm, the fabric is considered thin. If the combined thickness exceeds 0.8 mm, the fabric is considered thick. Fabrics with a combined thickness between 0.35 mm and 0.8 mm (inclusive) are considered medium-weight fabrics.

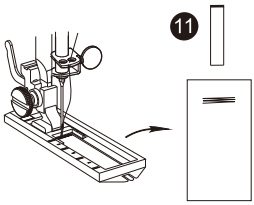
Elastic Fabric:
A fabric is considered elastic if a 100 mm × 30 mm sample stretches to 106 mm or more when subjected to a pulling force of 0.5 kg. Fabrics that do not meet this criterion are considered non-elastic.

Fabric Firmness:
Hard fabrics include denim, canvas, and similar materials. Soft fabrics include towels, cleaning cloths, and similar materials.

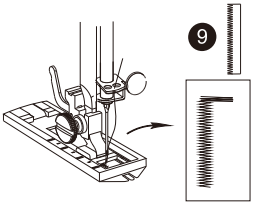
SEWING A BUTTONHOLE

Replace the buttonhole presser foot(refer to the steps for replacing the presser foot on page 16), place the fabric to be sew on the buttonhole under the presser foot, and lower the presser foot.

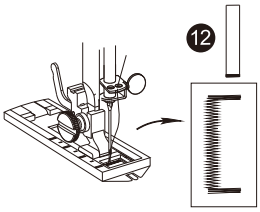
1 Select the 11th stitch. Turn on the machine and sew 5–6 stitches at low speed, then turn it off.



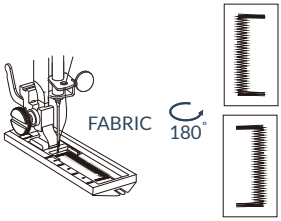
2 Select the 9th stitch. Turn on the machine and sew a straight line of the desired length on the fabric.



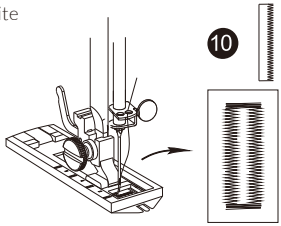
3 Select the 12th stitch. Sew 5–6 stitches at the opposite end of the buttonhole.



4 Raise the presser foot and rotate the fabric 180°



5 Select the 10th stitch. Turn on the machine and sew the opposite side of the buttonhole to the required length until fully locked.

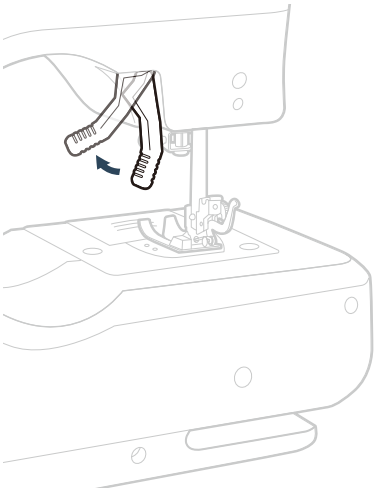


TROUBLESHOOTING

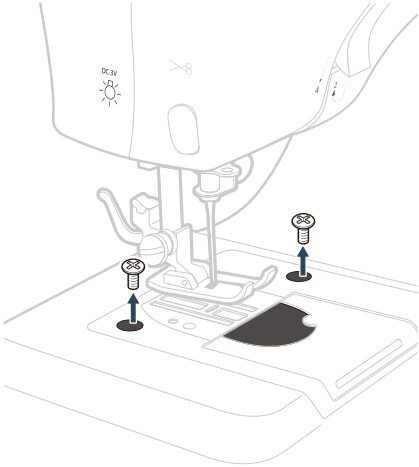
Problem	Reason	Solution
No Power/runs slowly	Adaptor or socket not connected	Ensure connections are secure
Thread jumping	Fabric too slippery or thin	Place newspaper on top and bottom of fabric when sewing, then remove paper after sewing
	Needle eye not in middle	Replace needle
	Thread too thick	Use thinner thread
	Needle and hook tip misaligned	Realign needle and hook tip (see Adjusting Hook Line Action section)
	Needle bent or installed incorrectly	Replace or reinstall needle
	Presser foot loose	Tighten pressure foot lock
Bottom thread cannot be drawn up	Machine not threaded correctly	Thread machine correctly
	Bottom bobbin out of thread	Replace bottom bobbin
	Needle and hook tip misaligned	Realign needle and hook tip (see Adjusting Hook Line Action section)
Thread continues to break	Machine not threaded correctly, or bottom bobbin jammed	Thread machine correctly
	Needle bent	Replace needle
	Needle touches the hook tip	Replace needle or realign needle and hook tip (see adjusting Hook Line Action section)
	Burr around the needle eye	Replace needle
	Needle installed or positioned incorrectly	Reinstall the needle
	Burr on thread presser sheet, thread guiding spring, thread pulling rod, or transfer interface points	Polish with fine sandpaper to make smooth
	Needle and sewing thread are not appropriate for fabric	Choose proper needle and thread for different fabric types
Poor bottom thread	Upper thread seized up	Remove spool pressing, adjust and smooth out thread
	Upper thread too tight or bottom thread too loose	Adjust upper thread tension dial
	Needle is bent	Replace needle
Machine stops, cannot turn the hand wheel	Bottom bobbin seized up	Replace bottom bobbin

ADJUSTING HOOK LINE ACTION

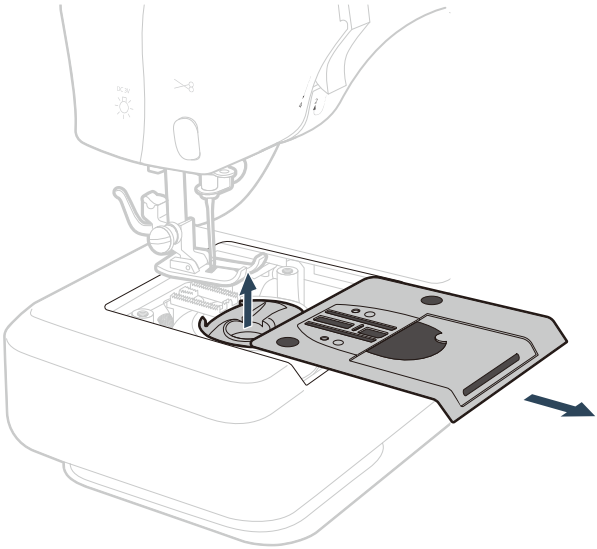
1 Raise the presser foot lifter.



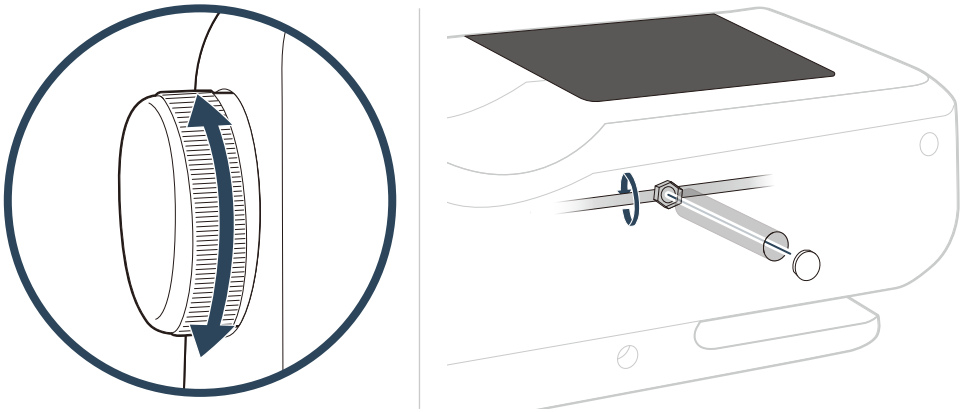
2 Use a screwdriver to remove the screws on the cover plate.



3 Remove the cover plate and bobbin holder

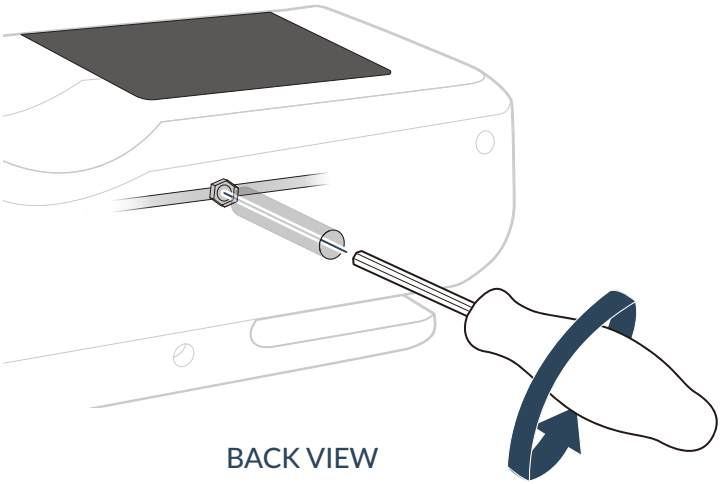


4 Remove the screw plug on the other side of the machine.
While looking into the screw hole, turn the hand wheel until the hex screw is aligned with the screw hole.



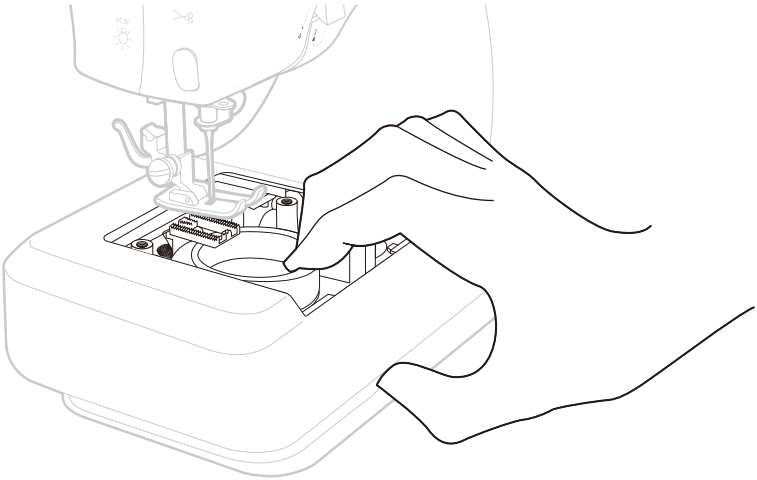
BACK VIEW

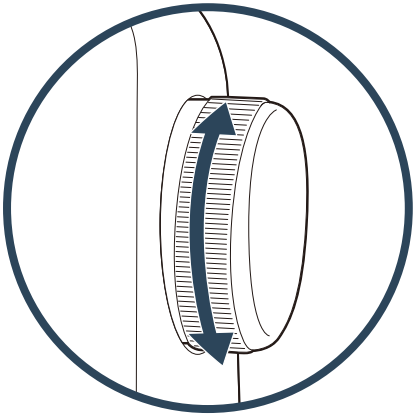
5 Insert a hex screwdriver into the hex screw (not provided)
and turn one rotation counterclockwise to loosen the screw.

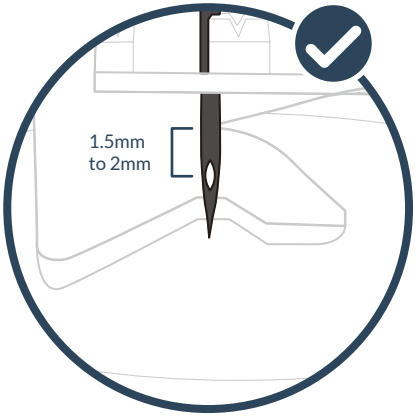


BACK VIEW

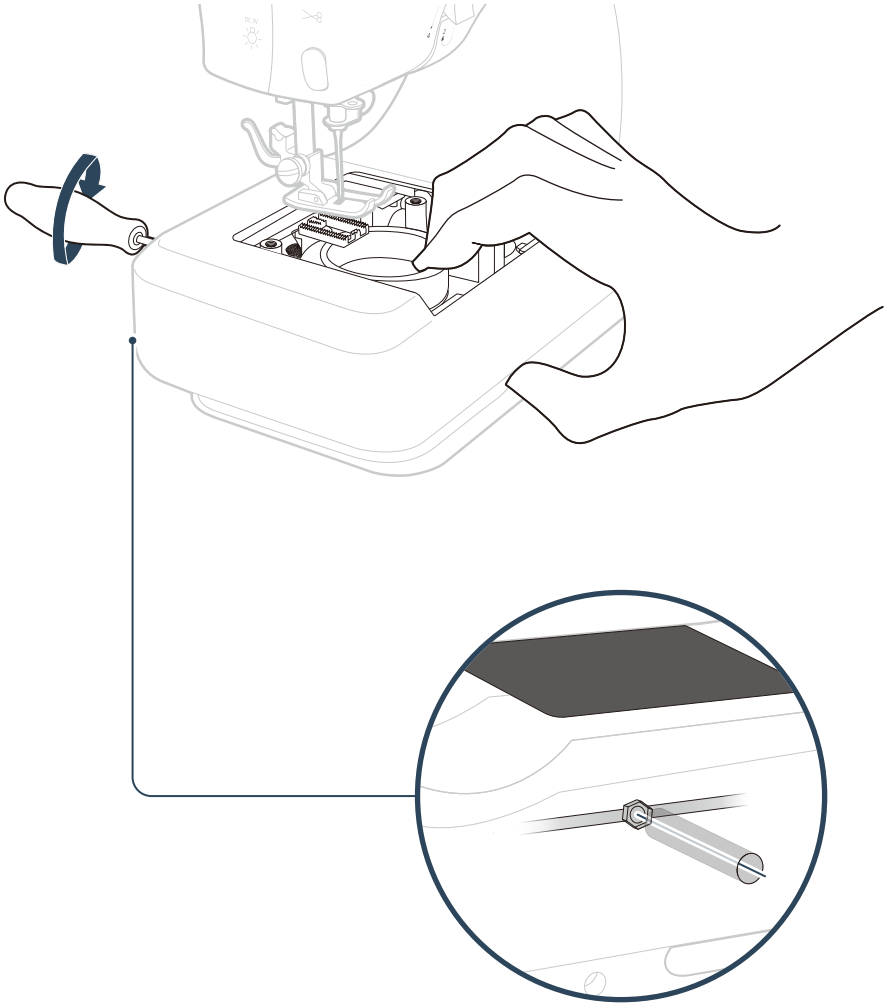
6 Hold the hook plate in place and turn the hand wheel until the hook tip is 1.5mm to 2mm above the needle eye.







7 After adjusting to the right position, hold the hook plate in place and tighten the hex screw. Reassemble the machine.



BACK VIEW

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All returned items require an RA (Return Authorization) number, which can only be provided by a Best Choice Products Customer Service Representative when the return request is submitted. Items received without an RA may not be accepted or may increase your return processing time. Once an item has been received by Best Choice Products, refunds or replacements will be processed within 5 business days.

All returns must be shipped back to the Best Choice Products Return Center at the customer's expense. If the reason for return is a result of an error by Best Choice Products then Best Choice Products will provide a pre-paid shipping label via email. Boxes for return shipping will not be provided by Best Choice Products, and is the customer's responsibility to either use the original shipping boxes or purchase new boxes.

Pictures may be required for some returns to ensure an item is not damaged prior to its return. Items returned are not considered undamaged until they are received by Best Choice Products and verified as such. All damages to items are the customer's responsibility until the item has been received by and acknowledge by Best Choice Products as undamaged.

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