

## APPLICABLE CLOTH FOR SEWING

Sewing Presentation Fabric Specification	Cloth	Cotton/Linen	Silk/Wool	Polyester	Elastic
Regular		√	×	√	△
Thick		√	×	√	△
Thin		√	×	×	×
Hard		√	√	√	△
Soft		×	×	×	×

**Sewing effective:**

- √: means easy to sew
- ×: means difficult to sew
- △: means not smooth to sew

**Note:**

- The definition of the fabric thickness:**
  - Thin(fabric): two layers of the fabric thickness < 0.014 inch;
  - Thick(fabric): two layers of the fabric thickness > 0.031 inch;
  - Regular(fabric): two layers of the fabric thickness ≥ 0.014 inch and ≤ 0.031 inch.
- The definition of elastic cloth:**  
If the cloth with size 3.94 inch x 1.18 inch can be extended to or over 4.17 inch under 1.1 LBS tension force, it will be defined as elastic; Or it is inelastic.
- Hard fabric:** Such as jeans, fine canvas, etc.
- Soft fabric:** Such as towel, duster, etc.



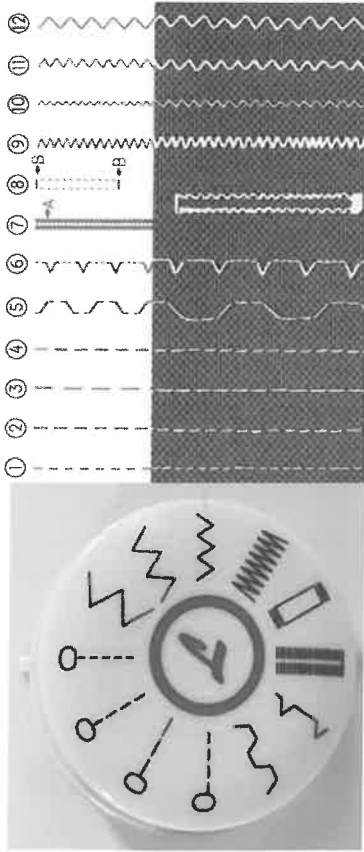
## 12-Stitch Sewing Machine INSTRUCTIONS


## Package Includes

- Sewing Machine
- Extension Table
- Charger
- Foot Pedal
- Buttonhole Foot
- Zipper Foot
- Invisible-Zipper Foot
- Needles (90/14)
- Sewing Accessories
- Instructions

## Stitches Instruction

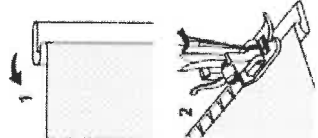
The 12 built-in stitches including basic, decorative/Blind Hem, visible-zipper, invisible-zipper and buttonhole stitches allow you to sew a variety of projects, such as fashions, quilts, crafts, and more.





**Stitch 7: Buttonhole-A**  
Buttonhole Lines on the long lateral sides  
Foot: Buttonhole Foot

**Stitch 8: Buttonhole-B**  
Buttonhole Lines on the short lateral sides  
Foot: Buttonhole Foot




- How to Blind Hem:**
1. Turn up the hem to the desired width and press. Fold back (as shown in Fig. 1) against the right side of the fabric with the top edge of the hem extending about 7 mm (1/4") to the right side of the folded fabric.
  2. Start to sew slowly on the fold, making sure the needle touches slightly the folded top to catch one or two fabric threads.
  3. Unfold the fabric when hemming is completed and press.

## Needle



Size 90/14: for sewing on Medium-weight Fabrics max to 2mm thick.

**Back-Stitch Lever**  
Function: Reinforced the beginning & end of seams for Tear-resistant.  
(Only available for Basic Straight Stitches 1-4)



## Bottom line step



## Face line tightening regulating wheel

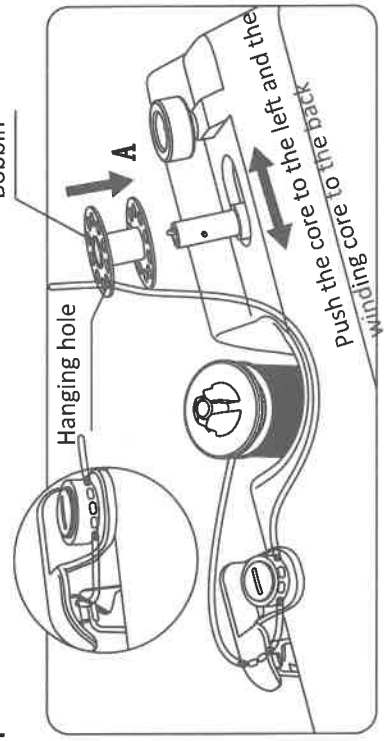
Tension regulating wheel



Face line tension adjustment button 1-9.

The larger the number, the tighter (wrinkle), the smaller the number, the looser (blister), the commonly used cloth to 3-5.

## Winding procedure



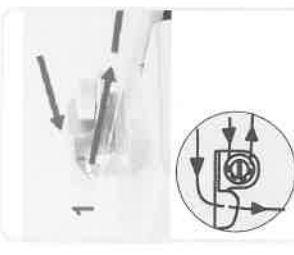
# Threading the Upper Thread



1 Right to Left

2

5 Front to Back



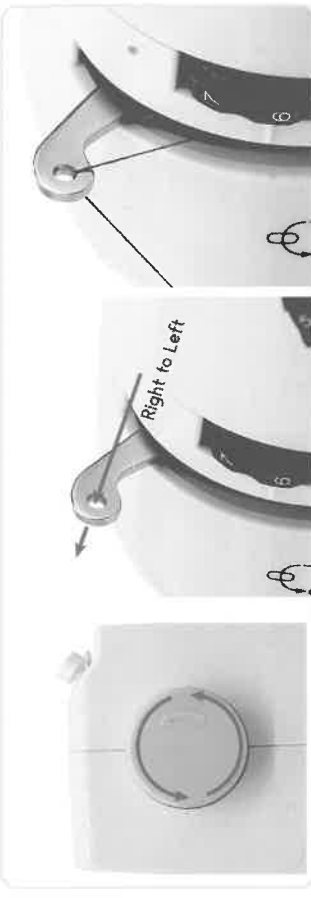
1



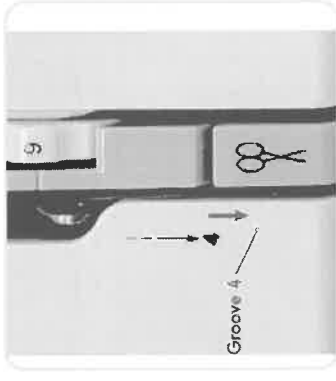
1. Put a spool on the Thread-Spindle and Pull the thread out from the spool about 4 inch long.

2. Put the thread through the Tension-Disk down through the gap.

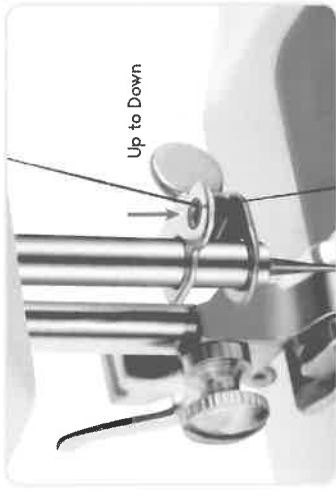
3. Pass the thread From Right To Left through the Groove 2 of Take-Up-Lever.



4. (Turn the Hand-Wheel Counterclockwise to Lift Out the Take-Up-Lever) Then Pass the thread From Right To Left through the hole of the Take-Up-Lever.

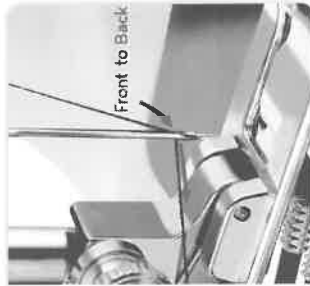


Groove 4



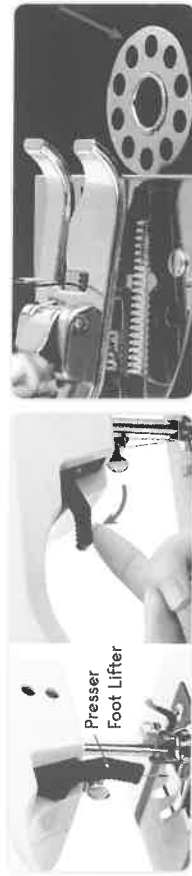
5. Pass the thread From Right To Left through the Groove 4 of Take-Up-Lever.

6. Pass the thread through the Hole of the Needle-Bar From Up To Down.



7. (Turn the Hand-Wheel Counterclockwise to Lift Up the position of Needle High Up from the Press-Foot.) Using the Threader (Included) to pass the thread through the Needle-Hole From Front To Back, and pull the thread out about 4 inch long. (Make sure the thread length more than 4inch before threading, or else the thread is difficult to find.)

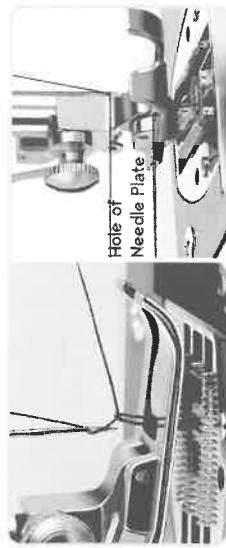
## Drawing up the Bottom Thread



1. Using the Presser-Foot-Lifter to Lift Up the Presser-Foot.  
 (Make sure the thread length more than 4inch before threading, or else the thread is difficult to find.)



3. One hand hold the Upper-Thread  
 Another hand turn the Hand-Wheel  
 Counterclockwise for the needle to Pick  
 Up the Bottom-Thread.  
 (Make sure turn the hand-wheel  
 Counterclockwise, or else the  
 bottom-thread wouldn't be pick up.)



4. Pull the Upper-Thread until you see  
 the Bottom-Thread is drawn up from  
 the hole of needle plate with  
 Upper-Thread.  
 Then Pull out the Bottom-Thread to  
 Separate from the Upper-Thread.



5. Put the Upper-Thread Left  
 & Under the Presser-Foot.

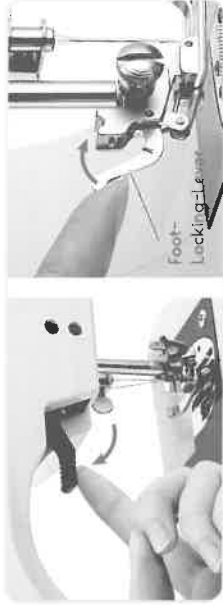


6. Upper and Bottom thread  
 backward Together.
7. Put in your cloth under the Presser-Foot then Put Down your Presser-Foot.  
 After Connected to the power supplies, you can start your sewing right now.

## Replacing the Presser-Foot



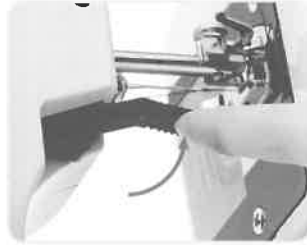
1. Turn the Hand-Wheel  
 Counterclockwise to Lift Up the  
 position of Needle High Up from  
 the Press-Foot.



2. Using the Presser-Foot-Lifter to  
 Lift Up the Presser-Foot.  
 Release the original Presser-Foot  
 (drop off automatically from the  
 locking device).



- Presser-Foot to  
 the hole of the  
 Locking-Device.



4. Put Down the  
 Presser-Foot-Lifter  
 (the hole of the  
 Locking-Device will  
 match the rack of new  
 Presser-Foot).



5. Then Lift the  
 Foot-Locking-Lever (the presser  
 foot will engage automatically).



6. Lift Up the Presser-Foot-Lifter  
 and done.

### Tips: When to lift the Needle/ Presser-foot

#### 1. Needle

Using Hand-wheel to control needle. (as well as bottom-thread)



Lift the Needle Before	Putting in/ taking out the cloth
Put Down the Needle Before	Threading Re-inserting a new needle Sewing

#### 2. Presser-foot

Using Presser-foot Lever to control the presser-foot.



Lift the Presser-foot Before	Putting in/ taking out the cloth
Put Down the Presser-foot Before	Threading Change the old presser-foot Sewing
Put down the Presser-foot After	Re-inserting a new needle Put in the cloth



#### Warning

- Do Not allow to be used as a toy. Children must be accompanied by a guardian while using.
- Never operate the appliance with any air openings blocked of the machine. 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.
- Do Not use bent needles.
- Do Not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Please Turn Off the machine or Unplug when the machine is Not Operating properly.

## Please read all instructions before using this appliance and keep the instructions for future reference.

### IMPORTANT SAFETY INSTRUCTIONS

This sewing machine is for domestic use only:

Do not use outdoors

Powered by an AC/DC adapter

The sewing machine must be switched off with the adapter unplugged when:

Threading the needle

Changing the needle

Changing bottom bobbin

Changing parts

Cleaning the machine

After each use

#### CAUTIONS

Never leave the sewing machine unattended in the presence of children.

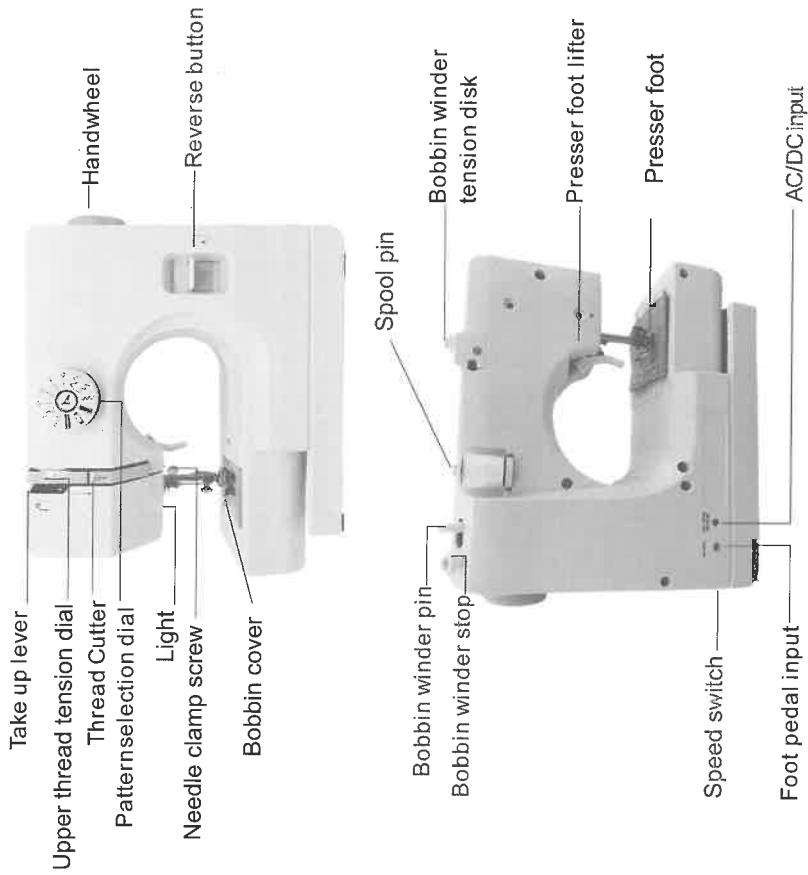
When operating the sewing machine, keep your hands away from the needle, hand wheel, upper thread tension dial and pattern selection dial.

To clean the sewing machine, simply wipe it with a soft cloth and never use any harsh chemical solutions.

### ACCESSORIES

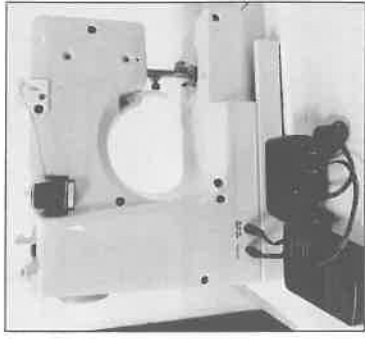
#14 Needle	x2	
Bobbin	x2	
Needle threader	x1	
Thread spool	x2	
Buttonhole foot	x1	
Adaptor	x1	
Foot pedal	x1	

## NAME OF PARTS



## CONNECTING THE SEWING MACHINE TO THE MAINS POWER SUPPLY

1. Make sure the "power OFF/ L & H speed switch" is on the "OFF" position.
2. Connect the jack position A to the DC input socket on the back of the sewing machine, and connect the three-pin plug position B into the main power supply.
3. Connect the foot pedal position C to the sewing machine by inserting the jack into the foot pedal input socket on the back of the sewing machine.
4. You can either use the foot pedal (please keep the power/speed switch on the off position) or the power/speed switch (H setting for high sewing speed whilst the L stand for low sewing speed) to operate the sewing machine.



### CAUTION:

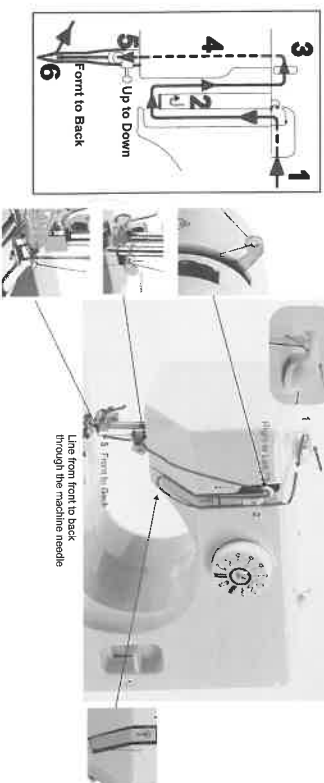
Whenever the sewing machine is not in use, make sure it is switched off and unplugged from the mains power supply.

## THREADING THE SEWING MACHINE

### Threading upper thread

**CAUTION :** When threading the sewing machine make sure that the "power OFF/ L & H speed switch" is on the "OFF" position and follow the steps 1-6 below.

Turn hand wheel counter clockwise until the needle is in the highest position.



## NEEDLE REPLACEMENT

**CAUTION:** Remove the batteries and/or disconnect the AC/DC adapter before starting to replace the needle.

1. Turn the hand wheel to raise the needle to its highest position.
2. Hold the old needles and loosen the needle clamp screw. Remove the old needle and discard responsibly.
3. Insert the new needle into the clamp with the flat side toward the right. Be sure to push the needle clamp before tightening the needle clamp screw.
4. Tighten the needle clamp screw.



Fig. 1

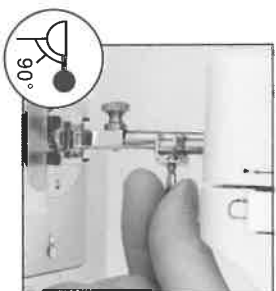


Fig. 2

<EN> 11

## REPLACING THE BOBBIN

Turn the hand wheel counter clockwise until the needle is in the highest position. Raise presser foot lifter.

Slide the bobbin cover button to the right and remove the bobbin cover (Fig.3).

Put the new bobbin in the holder, with thread going clockwise. Leave the needle hanging out (Fig.4). Hold the end of the upper thread with one hand, and turn the hand wheel counterclockwise with the other hand: the needle thread will pick up the bobbin thread and pull it up through the hole under the needle (Fig.5).

Replace the bobbin cover and separate the two threads and pull them to the back of the machine under the presser foot, leaving about 15 cm hanging there. Replace the bobbin cover (Fig.6).



### CAUTION:

1. Always switch off the appliance, disconnect from the power supply and remove foot pedal when replacing bottom bobbin.
2. Please use metal bobbins, otherwise the magnetic holder cannot tense the bobbin thread and work rightly.



Fig. 3



Fig. 4



Fig. 5



Fig. 6

<EN> 12

## PRESSER FOOT REPLACEMENT

1. Removing the presser foot:

Turn the hand wheel counterclockwise to raise the needle to its highest position (Fig. A). Raise the presser foot lifter, and press the presser foot locking lever. The presser foot will drop off automatically from the locking device (Fig. B).

2. Installing the presser foot:

Put the presser foot under the presser foot locking device, and lower the presser foot lifter (Fig. C), press the presser foot locking lever to install the foot. Raise the presser foot lifter (Fig. D).

### CAUTION:

1. Please always switch power off, disconnecting the machine from the power adaptor and, remove the foot pedal before replacing the presser foot.
2. When replace the presser foot, please the machine on a stable platform.
3. When you put down the presser, please keep your hand or fingers away from the bottom side of the presser foot to avoid injuring your fingers.

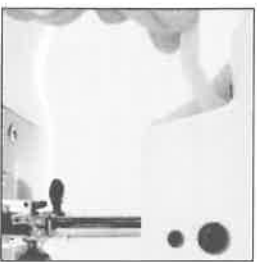


Fig. A



Fig. B

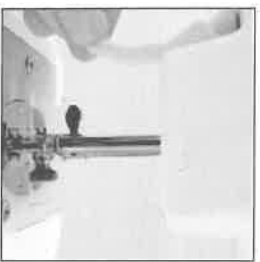


Fig. C



Fig. D

## SEWING

4. Turn the hand wheel counterclockwise to raise the needle to its highest position.

5. Raise the presser foot lifter and place the fabric you want to sew under the presser foot (Fig. 7).

6. Lower the presser foot (Fig. 8).

7. Rotate the pattern selection dial to select the stitch pattern you wanted.

### CAUTION:

1. Before you change the stitch pattern, please turn off the switch and turn the hand wheel to raise the needle all the way up so it doesn't get stuck and bent.
2. Changing the stitch pattern is not allowed when the machine is running. Otherwise, the needle and/or machine may damage.
3. Turn the hand wheel counterclockwise several times to make sure there is no jamming in the stitches.
4. Slide the power switch to the Low or High speed position, and the machine will automatically start sewing. We recommend the low speed for beginners (Fig. 9).
5. When you finished the sewing, turn off the switch, unplug the adaptor, turn the hand wheel to raise the needle all the way up, lift the presser foot, and then gently remove the fabric from the sewing machine, and cut the thread with the thread cutter (Fig. 10).

### USAGE TIPS:

Please turn the hand wheel if it is difficult to remove the fabric, and then pull out the fabric gently.

If the thread had tangled or jammed, please turn the hand wheel and simultaneously pull the thread slightly to release the thread. Bottom bobbin mechanism is a more precise part, inappropriate actions may damage it, please do not push or pull it by finger or any tools.



Fig. 7



Fig. 8



Fig. 9



Fig. 10



## 12 STITCH PATTERNS

1. The sewing machine has a choice of 12 different stitch patterns. To select the stitch you require, look at the diagrams numbered 1-12 on the front of the sewing machine, choose the corresponding number on the dial which is lined up with the arrow. For example, to select zigzag stitch (diagram number 6), simply turn the selector dial until the number 6 on the dial is lined up with the arrow.)



2. When you wish to change a stitch pattern turn the hand wheel on the side of the sewing machine to raise the needle to the highest point, and set the pattern selection dial to the desired stitch type in the same way as above.

## REVERSE STITCH BUTTON

Reverse sewing (back stitching) is useful for reinforcing the beginning and end of seams. To use this function proceed as follows:

Sew forwards as normal, and then press and hold down the reverse stitch button on the front of the sewing machine to sew backwards.

To sew forwards again simply release the reverse stitch button.

Reverse sewing distance is 1.5~4.5 mm, according to the need to control the reversing button trip to control the sewing distance, reversing button pressing end; sewing distance maximum.

## SETTING THE SEWING SPEED

This sewing machine has two sewing speeds. Push the "OFF" button, into the right, to the "H" position and the sewing speed will be increased, while on the "L" position will reduce the speed.

## WORK LIGHT

If additional light is needed, press the light switch to turn the light "On". Press the switch again to turn it "Off".

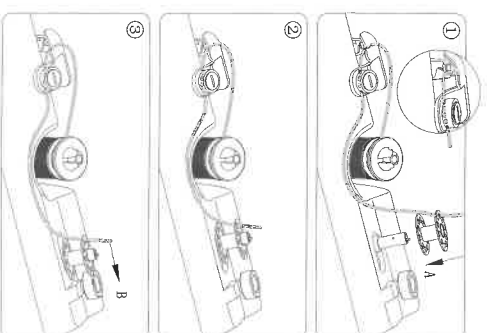
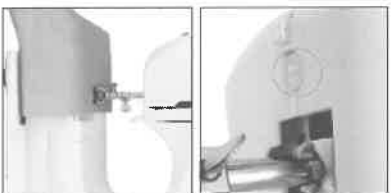
## THREAD CUTTER

The cutter is in the middle of the machine, it can cut off the thread after sewing or winding thread.

## SEWING SLEEVES

This sewing machine has been designed to sew sleeves or any narrow openings in garment.

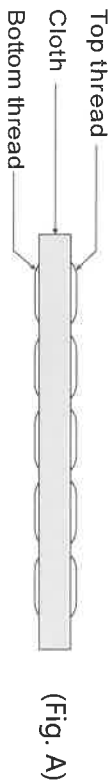
1. Lift the presser foot.
2. Position the garment over the sewing arm.
3. Lower the presser foot and follow the regular sewing instructions.



- (1) The tailor thread is pulled out from the spool
- (2) Bypass the tailor line from the position of the line clamp indicated by the arrow
- (3) Let the thread end pass through the thread hanging hole of the bobbin
- (4) Pull the thread by hand
- (5) Put the bobbin into the winding column in the direction of A
- (6) The bobbin moves to B direction
- (7) Start the sewing machine with the pedal
- (8) the hand still needs to catch the thread, until the bobbin rotates several times and then put the thread to continue winding
- (9) When the spindle wire is wound to full

**ADJUSTING STITCHING**

1. As shown in the picture (Fig. A), normal stitching shall have top and bottom threading evenly, neither over tight nor loose.



2. If the bottom threading looks like a straight line, which indicates the top thread is too loose. Please turn too tight nor too loose clock wise to increase pressure until the stitching returns to normal (Fig. B).



3. However, when the top thread looks like a straight line indicating an over-tight top thread, slowly turn the upper thread tension dial counterclockwise to reduce pressure until the stitching back to normal (Fig. C).



**SEWING A BUTTONHOLE MANUALLY**

- (1) Put the cloth under the presser foot and lower the presser foot on the cloth where you need to sew buttonhole, then choose the stitch pattern #8.
- (2) Turn on the switch and sew 5-6 stitch in low speed, then turn off the switch (Fig. 17).
- (3) Choose the stitch pattern #7, turn on switch and sew on the cloth in suitable length, then turn off switch. Note that try to keep sewed stitch in straight line (Fig. 18).
- (4) Choose the stitch pattern #8, then turn on switch and sew 5-6 stitch in low speed, then turn off switch (Fig. 19).
- (5) Raise the presser foot, rotating the cloth for 180° (Fig. 20).
- (6) Choose the stitch pattern #7, then turn on switch and sew till buttonhole is fully sewed (Fig. 21).



Fig. 17



Fig. 18



Fig. 19

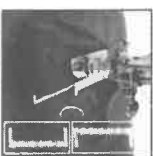


Fig. 20



Fig. 21

**TROUBLESHOOTING**

Problem	Problem cause	Amendment
No power or the machine runs slowly	Batteries are installed incorrectly	Re-install the batteries, making sure they are the correct way around
	Batteries are low	Use new batteries
	New and old batteries used together	Use new batteries
Skipping stitches	Adapter power is not properly connected.	Correctly connect adapter. Replace with a new adapter
	Needle eye not in the middle	Remove and re-insert the needle with the flat side of the needle to the back
	Needle bent	Remove and re-insert a new needle
Bobbin thread cannot be drawn up	Presser foot too loose	Tighten the presser foot according to installation instruction above mentioned.
	Lower thread has been used up	Replace with new full bobbin
	Needle threaded incorrectly	Re-thread the needle, making sure it is threaded from the front to the back
Thread keeps breaking	Thread blocked by lower bobbin	Correctly thread the upper thread and lower thread and refer to instruction above mentioned.
	Needle scarf too rough	Remove and re-insert a new needle
	Needle shank not seated in the upper end	Insert the needle correctly
	Thread tension dial, thread guide or thread pulling bar is rough	Polish with fine sand paper
Stitches too loose or uneven	Thread blocked by upper bobbin spool	Pull out the spool pin and make the bobbin or thread run smoothly
	Upper thread too loose or tight	Adjust thread tension dial and make the stitches sew evenly
	Needle bent	Remove and re-insert a new needle
	Threading incorrect	Check and thread again
Needle breaks	Presser foot and/or needle is loose	Remove and re-insert a new needle, and tightly fix presser foot and needle.
	Pull fabric with force when sewing	Remove and re-insert a new needle, and tightly fix it. After that thread machine again.
	Needle not lowered into fabric when start sewing	Remove and re-insert a new needle, and tightly fix it, thread again, turn the hand wheel to lower the needle into fabric, and then start sewing
Needle breaks	The needle is in the fabric when adjusting the pattern selection dial	Remove and re-insert a new needle, and tightly fix it.