

LIVOO
Feel good moments
Instruction Manual

Sewing machine



Reference: DOM343
Version : 1.4
Language: English

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Instruction Manual

You have purchased a product LIVOO brand and we thank you. We take great care in design, ergonomics and ease of use of our products. We hope that this product will give you complete satisfaction.

This instruction manual is available too on our website www.livoo.fr

SAFETY ADVICES

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THE APPLIANCE AND SAVE IT FOR ANY FURTHER NEED.

Incorrect operation or usage is likely to cause damage to the appliance and injure the user. Make sure that you follow all safety instructions. Only use this appliance for the purpose for which has been designed; we decline all responsibility in the event of damage due to incorrect use or bad handling.

1. Read all instructions before use this appliance.
2. Before use check that the voltage of your wall outlet correspond to the rated voltage manner.
3. Check that your main voltage corresponds to that stated on the appliance.
4. The safety instructions do not by themselves eliminate any danger completely and proper accident prevention measures must always be used.
5. 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.

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6. Children shall not play with the appliance.
7. Cleaning and user maintenance shall not be made by children without supervision.
8. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard (*).
9. Unplug the appliance before carrying out maintenance or replacing lamps.
10. Switch off or unplug the appliance when leaving it unattended.
11. The appliance is only to be used with the power supply unit provided.
12. Do not operate the machines that damaged or drowned, or with power line or plugs damaged, or unable to run completely.
13. Do not operate the machine in unventilated environment. Keep ventilate and be sure no lint, dust and scattered textures accumulated near the foot controller.
14. Do not use the machine outdoors.
15. Keep fingers far from running components, especially the sewing needle.
16. Turn "OFF" the power plug during sewing machine adjustment like presser foot type change, adjust needle distance adjustment, bobbin change, etc.
17. This appliance is intended to be used in household and similar applications such as:

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- staff kitchen areas in shops, offices and other working environments
- farm houses
- by clients in hotels, motels and other residential type environments
- bed and breakfast type environments

TECHNICAL SPECIFICATION

Sewing machine:

Rated voltage: 6V

Rated current: 1500mA

Adapter:

Rated input: 100-240V~ 50-60Hz 0.4A

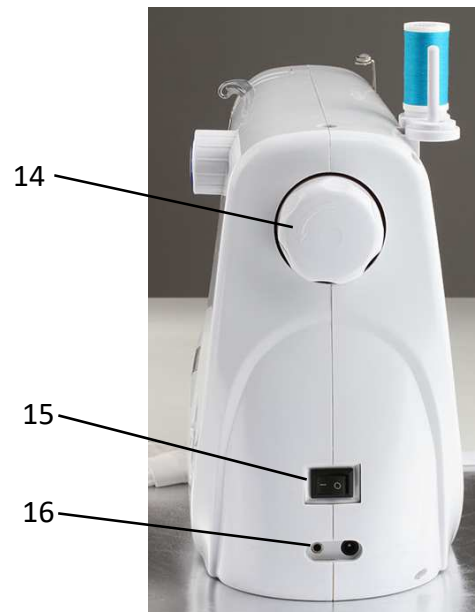
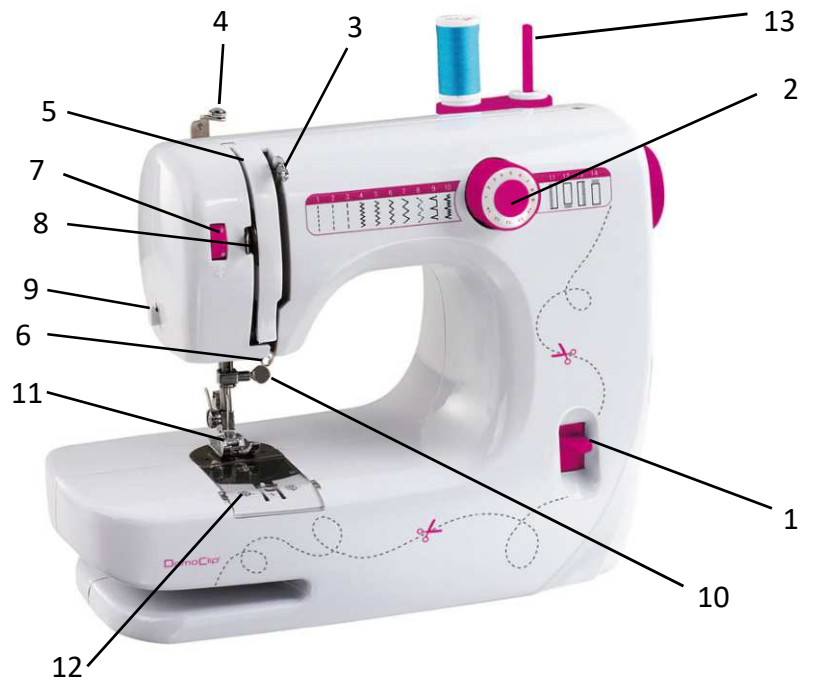
Rated output: 6.0VDC 1.5A, 9.0W

Information published	Value and precision	Unit
DELTA BP61071 67452 Mundolsheim – France	-	-
Model identifier	DOM343	-
Input voltage	100-240	V
Input AC frequency	50-60	Hz
Output voltage	6.0	VDC
Output current	1.5	A
Output power	9.0	W
Average active efficiency	82.8	%
Efficiency at low load (10 %)	76.3	%
No-load power consumption	0.07	W

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DESCRIPTION AND ACCESSORIES

1. Reverse button
2. Pattern selector button
3. Thread take-up lever
4. Œillet de guidage du fil
Winding thread guide
5. Guide fil thread guide
- 6.
7. Threading guiding spring
8. Thread tension adjustment
wheel
9. Thread tension release bar
10. Thread cutter
11. Needle clamp screw
12. Presser foot
13. Bobbin location with
transparent cover
14. Spool pin
15. Hand wheel
16. ON/OFF Switch
17. Power/foot switch socket

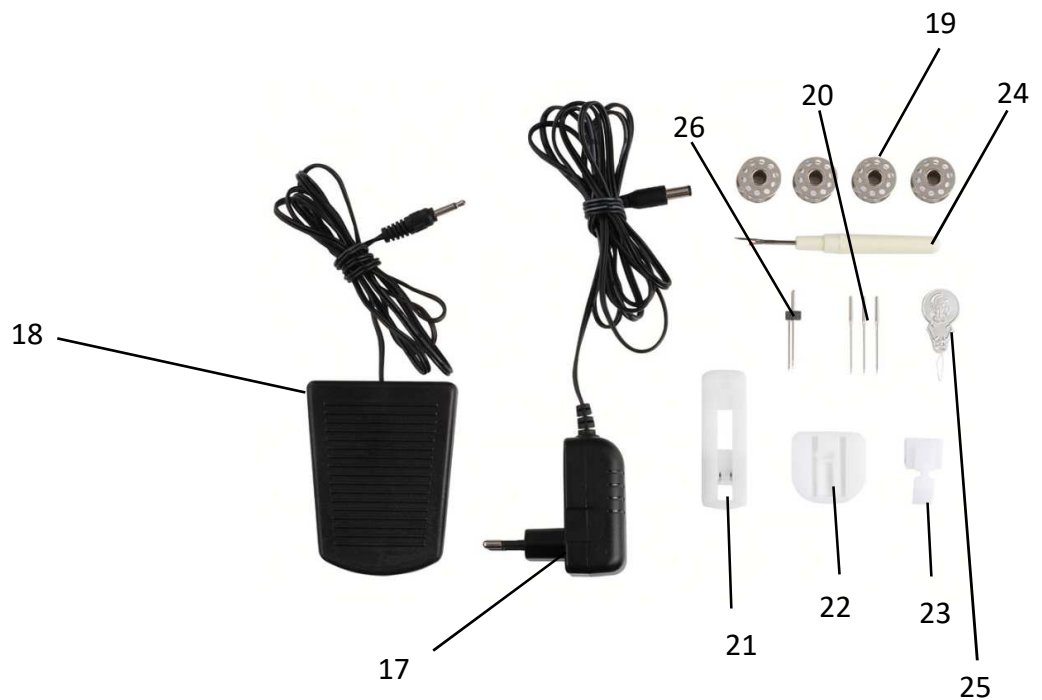


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- 17. Adapter
- 18. Foot switch
- 19. Bobbins
- 20. Needles
- 21. Button hole foot
- 22. Sewing plate
- 23. Zipper foot
- 24. Seam ripper
- 25. Threader
- 26. Double needle



BEFORE FIRST USE

Remove all packaging of the device.

Check if the voltage of the appliance corresponds to the main voltage of your home.

Connect to the power source



Plug the adapter into the sewing machine (right connector), and plug into an AC outlet.

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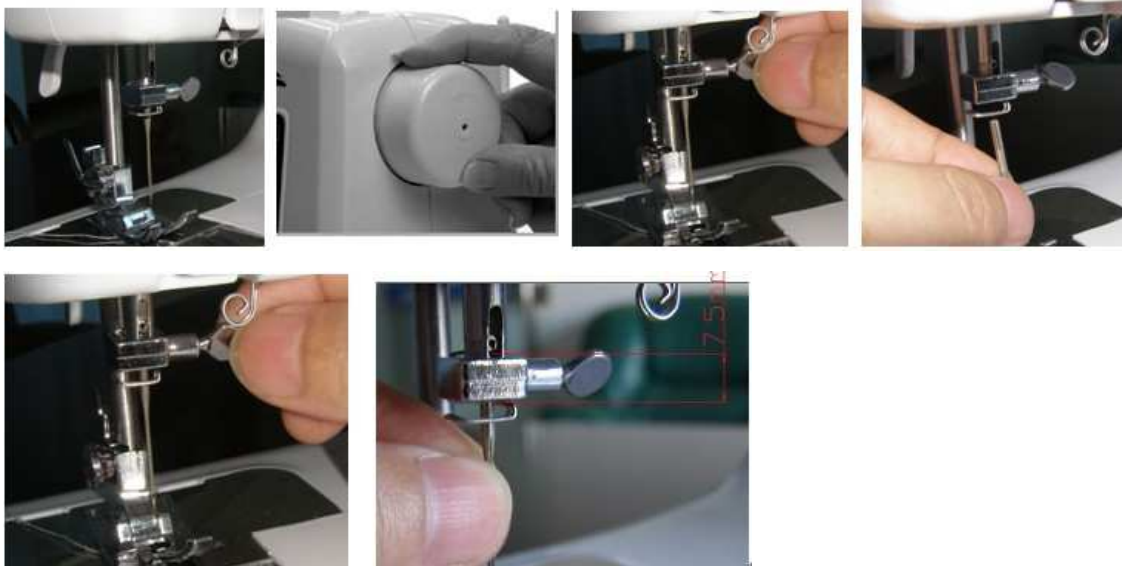
Connect the foot switch on the sewing machine (left connector).

Press the on/off switch to “ON” for power.

INSERT OR CHANGE THE NEEDLE

Attention: Turn power to “off” position before inserting the needle, to avoid electrical shock! Change the needle regularly, especially if it is showing signs of wear and causing problems.

Follows these steps:



Turn off the sewing machine.

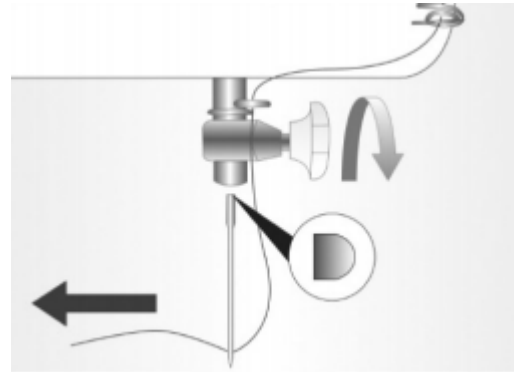
Turn the hand wheel (12) to top position.

Loosen the needle clamp screw and tighten again after inserting the needle.

The flat side of the shaft should be towards the back.

Insert the needle as far up as it will go.

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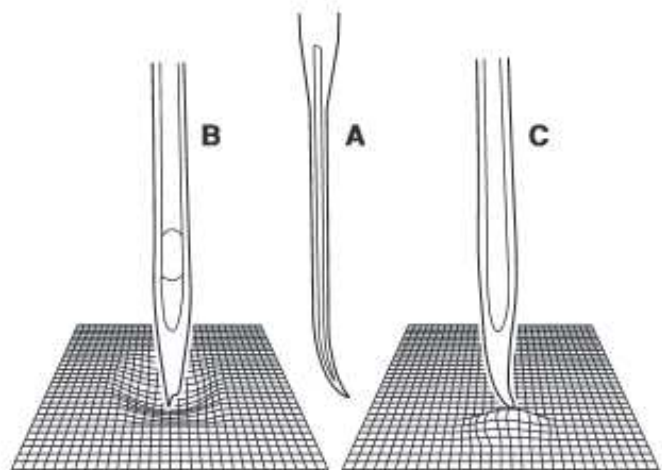


Flat part of the sewing needle shall be installed backward

Attention: Pay attention to the following points during sewing needle installation

Make sure the perfect quality of the sewing needle. The sewing needles shown in the right Fig will cause problems:

- A. curved needles
- B. blunt needles
- C. needle with damaged pinpoint



THREADING

Insert the Spool Pin at the rear of the machine and put the bobbin on it (1). Pass the thread of the bobbin through the hole of winding slice from back to front (2) and through the thread guide then, pull the thread over the right side of the thread tension adjustment wheel (3). Follow the arrow  (5) with the thread and make up the thread through the lever (6).

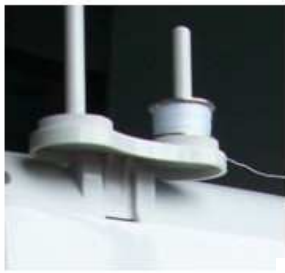
Take down the thread in the threading guiding spring from the front to the back (7) and let it pass in the guide located at the top of the needle (8).

Threading to the pinhole of the sewing needle (9).

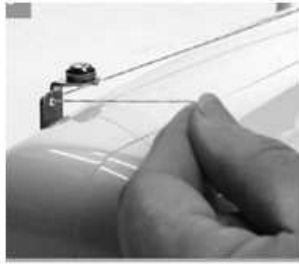
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(1)



(2)



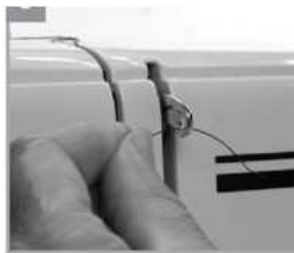
(3)



(4)



(5)



(6)



(7)



(8)



(9)



(10)

You can help yourself to the needle threader included with this product.
Pass the metal loop through the needle hole. Move your thread inside and bring out the needle (see schema below).



INSTALLATION AND EXTRACTION OF THE BOBBIN THREAD

Before installing the bobbin, be sure that the machine is switched off in order to avoid injuries.
Please follow carefully the following steps:

Lift the presser foot with the lifter and raise the needle with the hand wheel and make sure to leave a 10 cm tail of thread already mounted on the needle (1).

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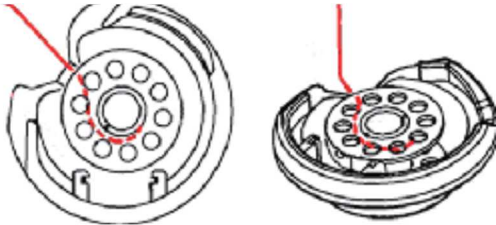
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Remove the transparent cover (2)

Place the bobbin into the slot, so that so that the thread round in a clockwise direction (3) (4).

Leave 10 cm tail of thread (5).

Here is a schema:



Hold the upper thread with the left hand. Turn the handwheel (6) towards you (counterclockwise) lowering, then raising needle.

Gently pull on the upper thread to bring the bobbin thread up through the needle plate hole (7).

Lay both threads to the back under the presser foot (8).

Put on the transparent cover after the bobbin thread and upper thread pressed under the presser foot (9).



(1)



(2)



(3)



(4)



(5)



(6)



(7)



(8)

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(9)

INTRODUCTION TO APPLICABLE FUNCTIONS

Please in strict accordance with the following steps in sewing.

Pattern selector button is not allowed to rotate when the machine is running. It requires rotating counterclockwise the hand wheel to lift the sewing needle to the highest position.

The machine can't provide ordinary sewing to elastic textures fabric.

Texture thickness recommended is 0,3mm to 1,8mm.

ORDINARY SEWING

It is necessary to have previously completed the steps described above before sewing.

Different stitches of ordinary sewing can be selected by the pattern selector button whose numbers are corresponding to the figure shown on functions indication panel, enabling you to choose different stitches according to different needs. Please refer to the following Figs for more information.



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STRAIGHT SEWING

It requires adjusting the function adjustment wheel (2) to function 1,2 or 3 for straight sewing.

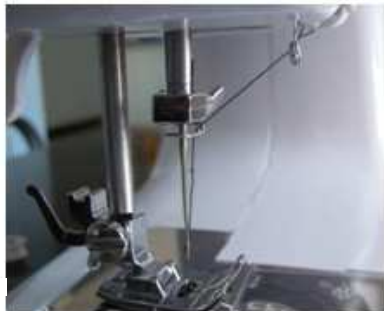
Rotate counterclockwise the hand wheel (1).

Rotate counterclockwise the hand wheel to lift the pinpoint of sewing needle above the presser foot (2).

Adjust the function adjustment wheel to function 1, 2 or 3 (3).



(1)



(2)



(3)



(4)



(5)



(6)



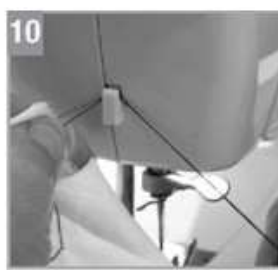
(7)



(8)



(9)



(10)

Move presser bar lifter(20) upward, lift presser foot (17) and pull the bobbin thread and upper thread backward for about 10cm (4).

Put the texture under the presser foot and move presser bar lifter downward to hold the texture (5).

Turn power switch "ON" and stamp foot switch gently to start sewing (6).

Guide texture gently during sewing (7).

Rotate counterclockwise the hand wheel after finishing sewing to lift the sewing needle to the highest position .(8)

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Move presser bar lifter upward and lift presser foot (9).
Move out the texture and cut thread with thread cutter (10)

“ZIGZAG” SEWING

Sewing method of “Zigzag” sewing is same as that of straight sewing except for adjusting the function adjustment wheel to function 4, 5, 6 and 7.



1.



(2)

Adjust the function adjustment wheel (2) to function 4, 5, 6 and 7 (1)
Sewing by same steps of straight sewing.

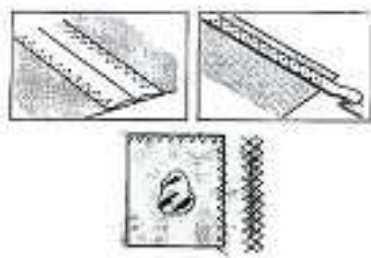
THREE-NEEDLE “ZIGZAG” SEWING

Sewing method of three-needle” Zigzag” sewing is same as that of straight sewing except for adjusting the function adjustment wheel to function 8.

Adjust the function adjustment wheel to function 8 (1)
Sewing by same steps of straight sewing.



(1)



(2)

BLIND SEWING

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Sewing method of three-needle" Zigzag" sewing is same as that of straight sewing except for adjusting the function adjustment wheel to function 8.

Adjust the function adjustment wheel to function 8 (1)

Sewing by same steps of straight sewing.



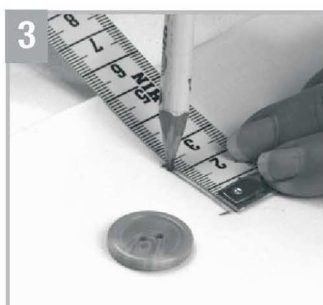
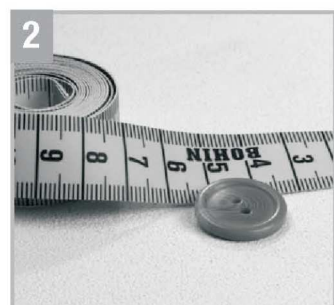
BUTTON HOLE SEWING

It requires button hole foot for button hole sewing.

1. Remove the presser foot thanks to the lever behind and put the hole presser foot instead.
2. Measure diameter of the button.
3. Draw a straight line a little longer than the button diameter on the texture where needs button hole sewing.
4. Lift presser foot and put the texture with straight line under the presser foot, make the straight line on the corresponding to the sewing needles as well as button hole presser foot.
5. Rotate hand wheel to lift sewing needle to the highest position and then adjust the function adjustment wheel to function 11.
6. Stamp foot switch gently to start sewing.
7. Sewing machine will sew at medium speed. Release foot switch until the end of marking line to stop sewing.

Follow the same steps with the pattern selector button on position 12, 13 and 14 in order to finalize the button hole.

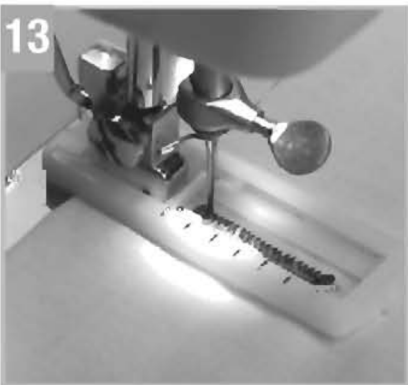
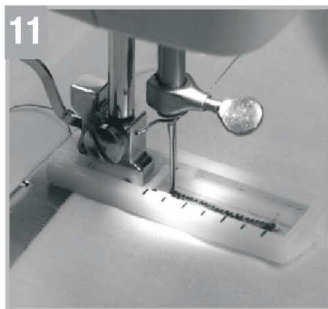
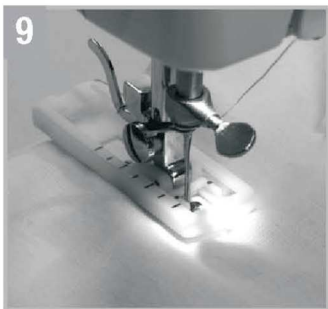
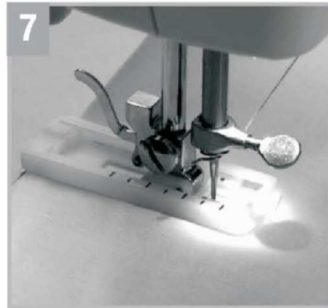
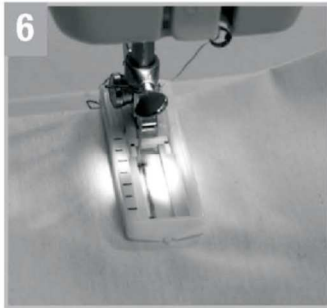
Use seam ripper and cut buttonhole open from both ends towards the middle.



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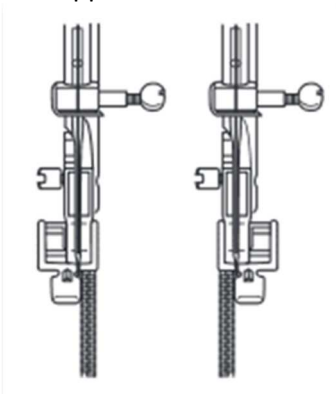
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ZIPPER SEWING

Change to zipper foot and select the pattern 1 or 2.

The zipper foot can be attached right or left, depending on which side of the foot you are going to sew (cf schema).



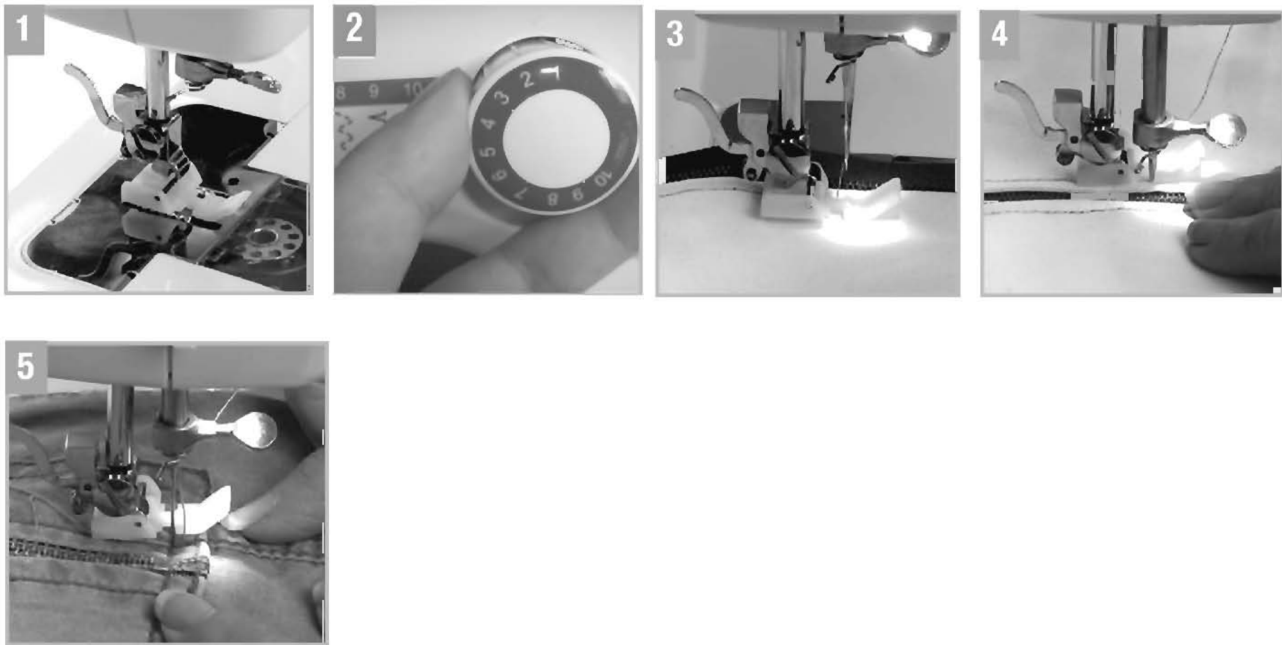
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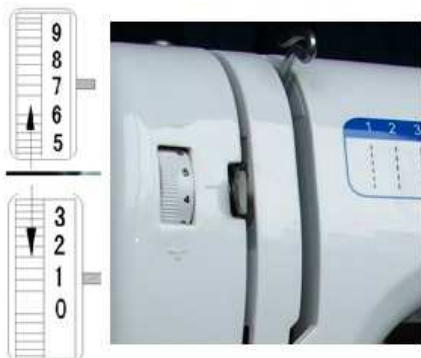
Pin or blow the ribbon of the zipper and place it under the foot. Pull threads backwards and lower the foot. To sew the left side of the zipper, guide the zipper teeth along the edge of the foot and sew the garment and zipper tape. Invert the fabric and sew the other half of the zipper in the same way as the left side.

To sew past the zipper tab, lower the needle into the fabric, raise the presser foot and push the zipper tab behind the presser foot. Lower the foot and continue to sew. It is also possible to sew a length of cord into a bias strip to form a "welt" or piping



THREAD TENSION ADJUSTMENT

It requires a slight adjustment to the thread tension due to different sewing texture's flexibility, texture material, sewing thickness, and texture layers. The thread tension adjustment wheel (8) is used for adjust thread tension. For a correct stitch the upper and the lower thread should be even. By turning the thread tension dial the upper thread can be switched from the left to the right. Use this dial to get the two threads even.



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In a perfect seam, the threads are locked between the layers of fabric.



If the top thread tension is too tight, the bobbin thread appears on the right side of the fabric. Decrease the thread tension slightly to solve the problem.



If the top thread tension is too loose, the top thread appears on the back of the fabric. Increase the thread tension slightly.



TWIN NEDDLES



Take out the single needle, then put the twin needle. Put two bobbins onto the winding thread guide. Two stitches separately insert into two pinpole of twin needle.

Other steps are same as threading the single needle.

Note: Twin needle is only suitable for straight stitch (1, 2, 3 on the pattern selector button). It can sew two straight stitches in parallel.

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REVERSE



Press reverse button when finishing sewing and sew several stitches to strengthen stitches for loose prevention, shown in the right Fig. Reverse stitches shall not exceed 5cm. Release the reverse button and the sewing machine will start sewing forward again.

WINDING



(1)



(2)



(3)



(4)

1. Put the bobbin on the Spool Pin (1)
2. Wind the thread of the bobbin through the clamp above winding slice (2)
3. Put the winding pin (3)
4. Insert the empty bobbin onto winding pin (4)
5. Wind the thread that passed through the clamp above winding slice (5) on the empty bobbin for several cycles (5)
6. Turn "ON" power (6)
7. Stamp foot switch (31) to start winding (7)
8. Release foot switch and the sewing machine will stop. Cut thread end from the winded bobbin (8)



(5)



(6)



(7)



(8)

THREAD CUTTING

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Use thread cutter (26) to cut thread, shown in the below Fig.



TROUBLESHOOTING GUIDE

Fault	Reason	Correction
Upper thread breakages	1. Incorrect threading 2. Thread is over tensioned 3. Thread is too thick to the needle 4. Sewing needle is inserted incorrectly 5. Defective bobbin 6. Damaged needle	1. Re-threading 2. Reduce tension 3. Choose a bigger needle 4. Remove and reinsert the needle 5. Replace with a better bobbin 6. Replace with better needle
Skipped stitch	1. Sewing needle is inserted incorrectly; 2. Damaged needle. 3. Incorrect size of needle; 4. Improper cooperation of presser foot; 5. Threading didn't follow requirement.	1. Change needle and reinsert 2. Replace with good needle 3. Choose a needle appropriate to thread and texture. 4. Check and correct presser foot configuration. 5. Re-threading according to the 6. Above correct method.
Needle breakages	1. Damaged needle 2. Sewing needle is inserted incorrectly 3. Incorrect size of needle (for texture) 4. Improper cooperation of presser foot 5. Over tension of thread feeding 6. It is forbidden to pull the fabric strongly during operation	1. Replace with good needle 2. Insert needle correctly (flat part backwards) 3. Choose appropriate needle 4. Install presser foot correctly 5. Adjust appropriate tension 6. Do not operate like this
Loose stitch (looping stitches)	1. Incorrect threading 2. Incorrect installation of bobbin 3. thread bobbin 4. Unreasonable adjustment of 5. stitch length	1. Check threading 2. Put bobbin correctly 3. Choose sewing needle with 4. right specification 5. Adjust tension

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	6. Oven tension	
Puckers or folding	1. Over bigger needle for fabric 2. Unreasonable adjustment of 3. fabric feeding length 4. Oven tension of upper thread	1. Choose better needle 2. Choose functions appropriate 3. for short fabric feeding 4. Adjust the tension appropriate to upper thread



Correct disposal of the unit
(Electrical and Electronic Equipment)

(Applicable in the European Union and the rest of Europe that have adopted separate collection systems countries)

The European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal household waste stream.

Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain and reduce the impact on human health and the environment.

The symbol of the crossed out dustbin is marked on all products to remind the obligations of separate collection.

Consumers should contact their local authority or retailer for information concerning the correct disposal of their product.



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BP 61071
67452 Mundolsheim - FRANCE

- Photo no contractual
- Worried about the quality of his products the manufacturer reserves the right to make modifications without advance notice



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