

Mini Sewing Machine

Instruction Manual



Model: LSS 339

**Please read the instruction book carefully
before operating this sewing machine.
Please keep this manual in a safe place.
This sewing machine is for Household Use.**

IMPORTANT SAFETY INSTRUCTIONS

1. This sewing machine is powered with a 6VDC, 800 mA AC/DC adapter. The attached AC/DC adapter is Local-Safety Approved.
2. Please make sure the AC/DC adapter plug is in the right position, especially for a polarized plug.
3. Never use the adapter if it has a damaged cord or plug. Please contact a qualified electrical authorized dealer or center if the adapter can not plug in or if this adapter does not work properly.
4. Please turn off machine and unplug adapter at the following times:
 - Threading the needle
 - Changing needle
 - Changing bottom bobbin
 - Changing Parts
 - Cleaning the machine
 - After use
 - Power pause

Important: Do not leave this machine unattended when there is a child around. When operating this machine, please keep eyes on needle, and do not touch Handwheel, take up lever, needle, tension dial, etc. Please use soft cloth to wipe away dusts and dirty oils. Do not use diluting and volatile oil or powder.

ACCESSORIES

Foot controller	× 1	
Needle	× 1	
Needle threader	× 1	
Bobbin	× 2	
Threadspool	× 2	

TROUBLESHOOTING

Problem	Problem cause	Amendment
No power supply (or machine runs slowly)	Batteries installed in the wrong polarity	Replace the batteries in correct polarity indicated in battery compartment
	Batteries low/no capacity	Use new batteries
	Different capacity batteries mixed used	Use new batteries
	Adapter power inadequate or output connection the wrong polarity	Use compatible adapter
Skipping stitches	Needle eye not in the middle	Remove and reinsert a new needle
	Needle bent	Remove and insert a new needle
	Presser foot too loose	Screw tight the presser foot
Bobbin thread cannot be drawn up	Lower thread used up	Replace with new lower bobbin
	Needle threaded incorrectly	Thread correctly. Make sure it is threaded correctly from front to back.
Thread breaks	Thread blocked by lower bobbin	Thread the upper thread and lower thread again
	Needle scarf too rough	Remove and reinsert a new needle
	Needle shank not seated in the upper end	Insert the needle correctly
	Thread tension dial, thread guide or thread pulling bar rough	Polish with fine sand paper
Stitches too loose or uneven	Thread blocked by upper bobbin	Pull out the spool pin and make the bobbin or thread run smoothly
	Upper thread too tight or lower thread too loose	Adjust thread tension dial and make the stitches sew evenly
Breaking needle	Needle bent or deformed	Remove and reinsert a new needle
	Presser foot too loose	Remove and reinsert a new needle, and screw tight
	Pull fabric with excessive force when sewing	Remove and reinsert a new needle, and thread again
	Needle not lowered into fabric when start sewing	Remove and reinsert a new needle, thread again, turn hand wheel to lower the needle into fabric, and then start sewing

ADJUSTING STITCHING

1. As shown in the picture , normal stitching will have top and bottom threading neither too tight or loose.

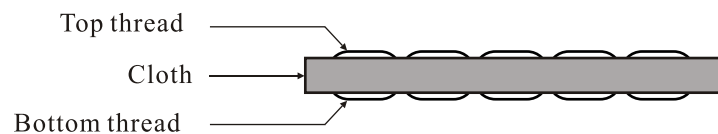


Fig.a

2. If the bottom threading looks like a straight line, it indicates the top thread is too loose. Please turn the tension dial clock wise to increase pressure until the stitching returns to normal.



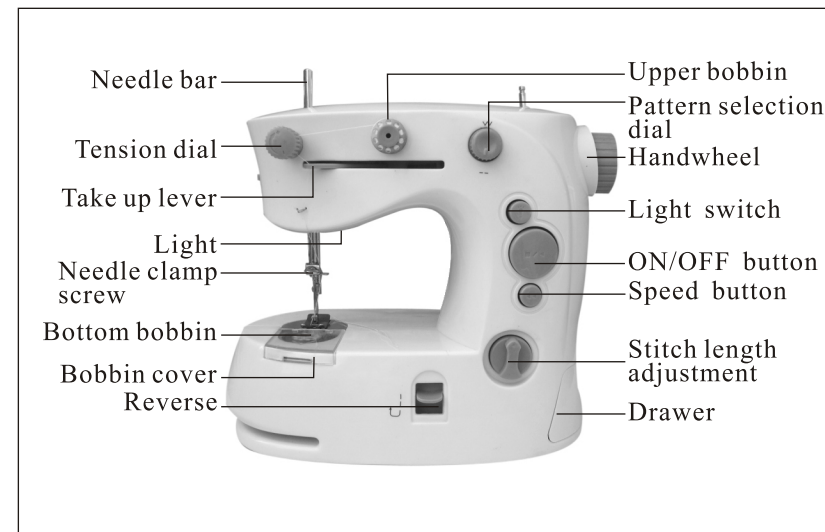
Fig.b

3. However, when the top thread looks like a straight line indicating an overly-tight top thread, slowly turn the tension dial counterclockwise to reduce pressure until the stitching returns to normal.

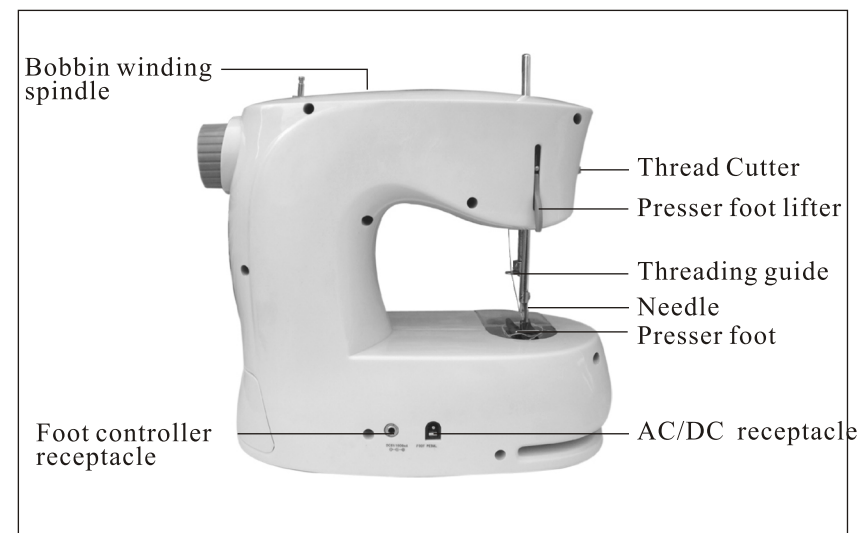


Fig.c

Front view



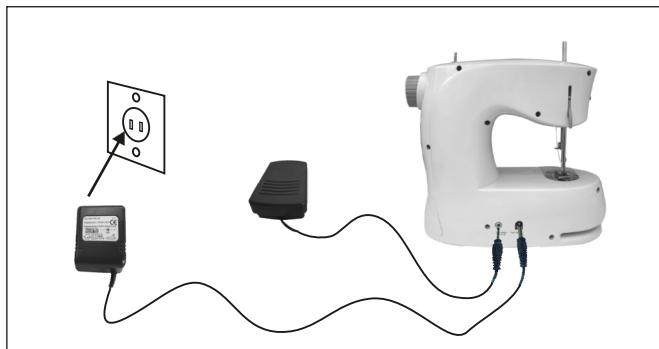
Back view



CONNECTING THE MACHINE TO THE POWER SUPPLY

1. Connect plug “A” to the machine and plug “B” into the main socket.
2. Turn on power switch “ON” .
3. Connect the foot control “C” to the machine.
4. The speed of the machine can be regulated by applying pressure to the foot controller.

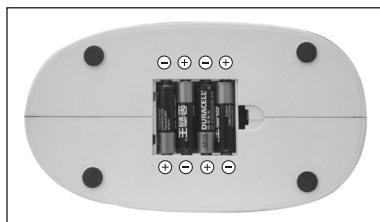
Caution: Always switch “OFF” and unplug the machine when not in use.



BATTERY INSTALLATION

1. Battery compartment is on the bottom of the sewing machine.
2. Open the cover of the battery compartment and insert the 4 ‘AA’ alkaline batteries. Make sure that the batteries are in the correct position as marked on the inside of the battery compartment.
3. Replace the battery compartment cover.

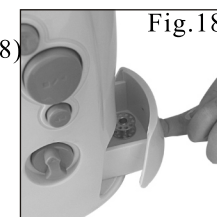
Caution: Make sure that the ON/OFF Button is in the ‘OFF ’ position when inserting or changing the batteries. If the ON/OFF button is in the ‘ON’ position when inserting or changing the batteries, the sewing machine may run suddenly.



FUNCTIONS

DRAWER

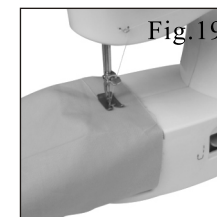
This drawer is an accessory storage compartment.(Fig.18)



SEWING SLEEVES

This sewing machine has been designed to sew sleeves or any narrow openings in garment(Fig.19).

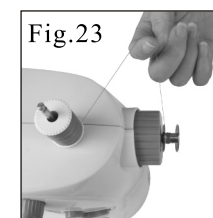
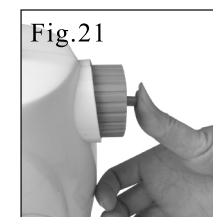
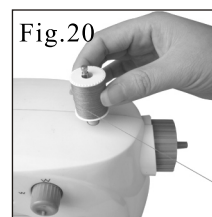
1. Lift the presser foot.
2. Position the garment over the sewing arm.
3. Lower the presser foot and follow the regular sewing instructions.



BOBBIN WINDING

- 1、 Put a spool of thread on the long spool pin(Fig.20)
- 2、 Insert bobbin winding spindle into the central hole of handwheel, push empty bobbin onto spindle.(Fig.21)
- 3、 Wind thread clockwise around bobbin several times.(Fig.22)
- 4、 Put down on/off button to start winding.(Fig.23)
- 5、 Stop winding after correct volume of thread is wound on bobbin.
- 6、 Take bobbin off and cut the thread.

Caution: There must be no thread in needle and take-up lever during operation.

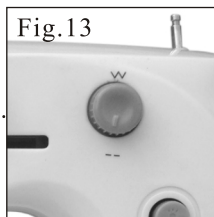


FUNCTIONS

PATTERN SELECTION DIAL

The desired stitch pattern will be obtained by turning the pattern selection dial, it can be turned either to the right: zigzag stitch “ Z ” or to the left: straight stitch “ $|$ ” (Fig.13).

Caution: When turning the pattern selection dial make sure the needle is at the highest position.



WORK LIGHT []

If additional light is needed, press the light switch to turn the light “On”. Press the switch again to turn it “Off” (Fig.14).



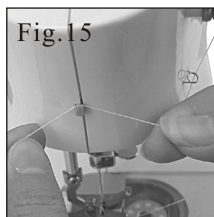
SETTING THE SEWING SPEED []

This sewing machine has two sewing speeds.

Press the “” speed button to increase the sewing speed. To reduce the speed, press the “” speed button again (Fig.14).

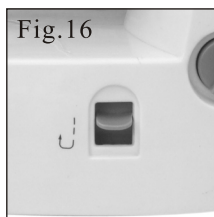
THREAD CUTTING

Put the thread on the edge of knife and tighten thread to cut. (Fig.15)



REVERSE SEWING []

1. At first, sew forward, then press down reverse sewing lever to sew a few reverse stitches. The reverse trace shouldn't be beyond 5 cm.
2. Release lever to return to sew forward again. Reverse sewing is often used for reinforcement at the beginning or end of seam (back stitching) (Fig.16)



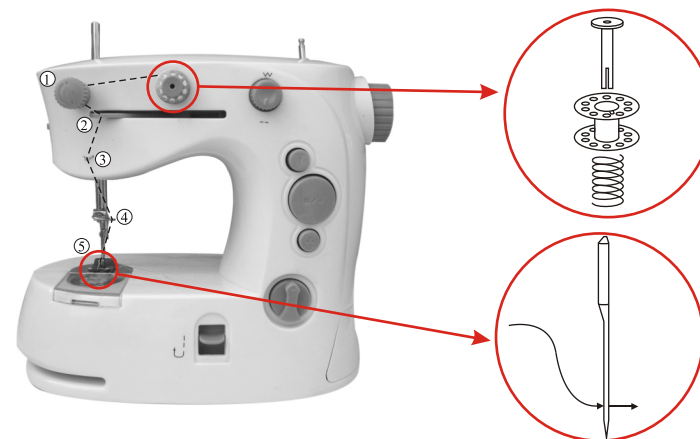
STITCH LENGTH ADJUSTMENT

There are three types of thread distances to choose: 1.5mm, 2.5mm, 3.5mm. Turn the button in 1/2/3 to choose proper needle (Fig.17)



THREADING

1. Put up the spool pin and take off empty bobbin.
2. Place the spool pin through the upper bobbin or place the long spool pin through a large spool of thread.
3. Thread the machine following this sequence 1 - 5.



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. (Fig.1)
3. Insert the new needle into the clamp with the flat side facing away from you, toward the rear of the machine. The eye of the needle should be facing the front of the machine. Push the needle up into the needle clamp as far as it will go. (Fig.2)
4. Tighten the needle clamp screw.



1. Remove bobbin cover and take out the empty bobbin according to the direction of arrowhead (Fig.3).
2. Place the bobbin in the bobbin case (Fig.4). Leave about 5 cm (2") of thread on upper bobbin.
3. Turn hand wheel counterclockwise (toward you) (Fig.7).
4. Slide the bobbin cover back into place (Fig.6).
5. Turn handwheel (Fig.7) until needle has come down completely and then pull the needle gently up and you will see it has caught the bobbin thread (Fig.8). Pull the two threads toward the rear (away from you) and place them under the presser foot.

Note: It is essential that threading both top and bottom be done properly. Check carefully, and do one practice stitch before beginning to sew. Improper threading will damage the lockstitch.

Very Important: Make sure to always use a metal bobbin. If not, the magnetized bobbin case will not be activated and there will not be tension on your bobbin thread.



Fig.3

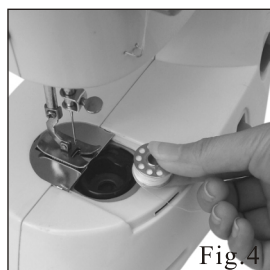


Fig.4

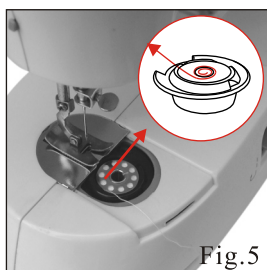


Fig.5



Fig.6

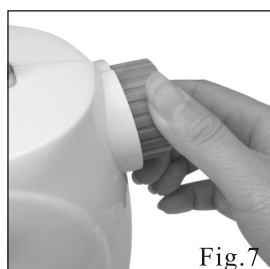


Fig.7



Fig.8

1. Turn the handwheel counterclockwise to raise up the needle to its highest position.
2. Lift the presser foot and place the fabric to be sewn under the presser foot. (Fig.9)
3. Lower the presser foot. (Fig.10)
4. Turn around switch selection button to choose switch.(Fig.10)
5. Turn the hand wheel for 2 - 3 circles in line with arrowhead.
6. Press the '▶/■' ON/OFF button to the 'ON' position and begin sewing. (Fig.11)
7. Select proper speed by pressing speed button.
8. After finishing sewing, press the '▶/■' ON/OFF button to the 'OFF' position to stop sewing. Turn the hand wheel to raise the needle to the highest position. Lift the presser foot and pull out the thread tension release bar then gently remove the fabric away from the sewing machine. Cut the thread using the thread cutter (Fig.12)

Warning: When the sewing machine is running, please do not touch the tension dial

Note: If it's hard to pull out fabric, turn the hand wheel and you can pull it out easily.

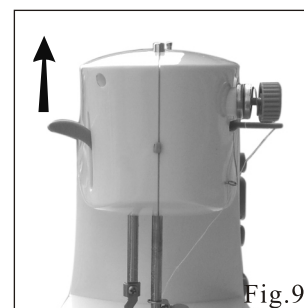


Fig.9

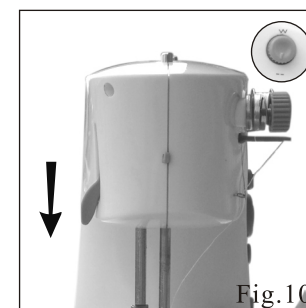


Fig.10



Fig.11



Fig.12