

Sunbeam™

**Compact Sewing Machine
Operating Instructions
Model Nos. SB1800/SB1818**

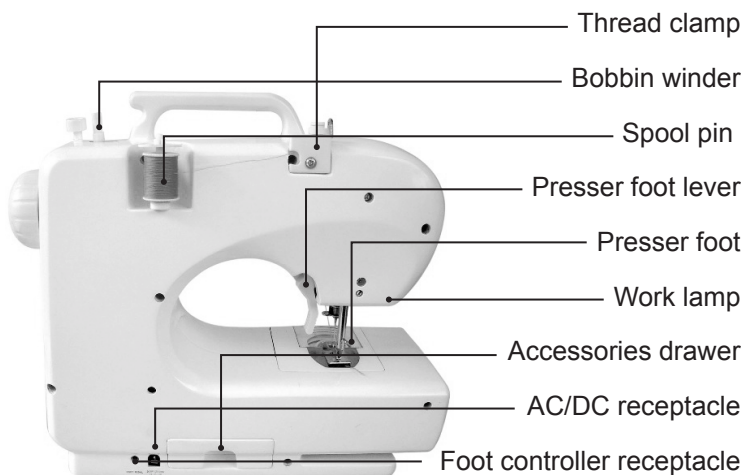
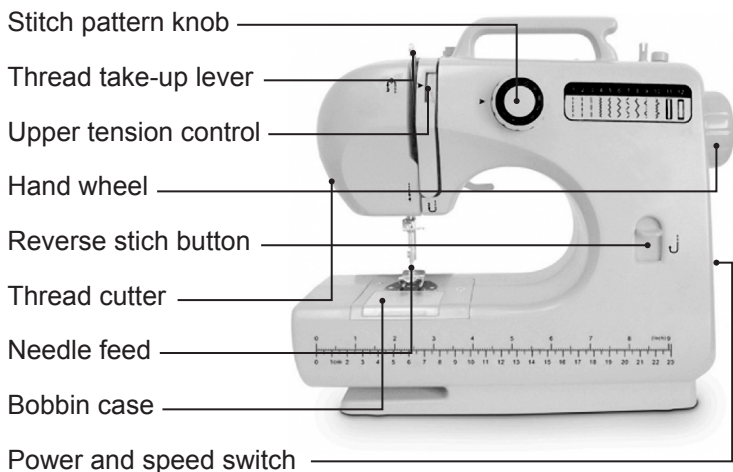


Please read all instructions carefully before operating the sewing machine.

Keep this manual for future reference.

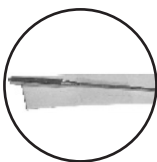
SMT080811

Components



Accessories

1. Foot control
2. 2 spools of thread
3. 2 bobbins
4. Needle threader
5. Needle



For Your Safety

1. Use this machine only as recommended in this manual.
2. Do not leave the unit unattended, especially near children.
3. To avoid electric shock, remove the adapter before cleaning or after use.
4. Keep fingers away from all inside electrical parts, especially around the needle.
5. Never operate the machine if it has a damaged power cord or has been dropped into water.
6. Do not use the machine outdoors.

Preparations for Use

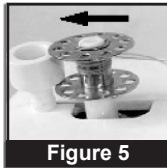
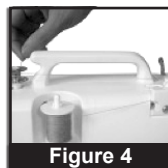
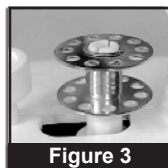
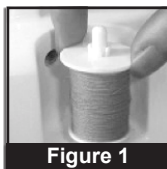
- Plug one end of the adapter into the DC socket on the sewing machine, and the other end into an outlet.
- Plug the foot control into its socket.
- Turn the power switch on.

Caution: Always turn the switch on off before un-plugging the machine.

Operating Instructions

Winding the bobbin

1. Place a spool of thread on the Spool Pin. (Figure 1) (Make sure that the machine's needle is not threaded at this time.)
2. Place the metal bobbin on the bobbin winder, making sure to insert it in the groove. (Figure 2) (Note: It is important to use metal bobbins only. The Bobbin Case is magnetized and is activated with metal.)
3. Guide the thread from the Spool Pin through the thread clamp (Figure 3) and to the bobbin. Wind a small piece of thread around the bobbin clockwise. (Figure 4)
4. Move the bobbin



to the right, clicking it into place. (Figure 5)

5. Select a speed switch. This will start the bobbin winding. (Figure 6)

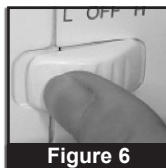


Figure 6

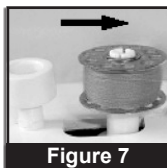


Figure 7

6. When you have your desired amount of thread on the bobbin, switch to OFF and move the bobbin to the left (Figure 7) snip the thread. (Figure 8)

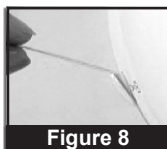


Figure 8

Note: It is preferable to manually assist in the winding of the bobbin. Use your hands to guide the thread.

Threading the machine

Make sure that the power switch is on OFF.

1. Place a spool of thread on the Spool Pin with the thread end facing rear. (Figure 9)
2. Clamp the reel cover over the Spool Pin so that the thread remains in place. (Figure 10)
3. Loop the thread around the outside of thread guide 1. (Figure 11)
4. Guide the thread into Groove 2, and pull toward the chrome take-up lever. (Figure 12)
5. Feed the thread through the hole in the chrome take-up lever and pull straight down to the needle. (Figure 13)

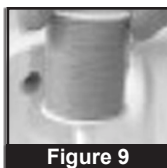


Figure 9



Figure 10



Figure 11

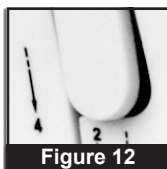


Figure 12

6. Feed the thread through the hole in the needle holder and then through the eye of the needle. (Figure 14) The threading is now complete, except for the bobbin.

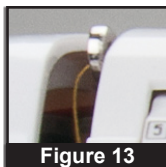


Figure 13

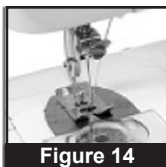


Figure 14

Connecting the bobbin

1. Remove the Bobbin Cover. (Figure 15)
2. Place the bobbin into the Bobbin Case, (Figure 16) making sure that the thread unwinds in a clockwise direction. Allow approximately 4 inches of thread to extend from the case.
3. Extend about 4 inches of thread from the machine's needle. (Figure 17)
4. Raise the presser foot. Hold the thread from the needle with your left hand while turning the hand wheel with your right hand counter-clockwise (toward you). (Figure 18)
5. Keep rotating the wheel till the needle goes through the plate down to the Bobbin Case and then back up again. When the needle comes back up, it will pull a loop of bobbin thread with it.
6. Pull at the loop to get the raw edge of the bobbin thread farther out of the Bobbin Case. (Figure 19)

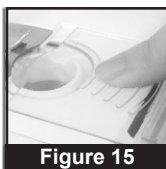


Figure 15

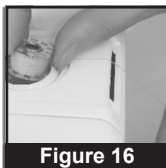


Figure 16

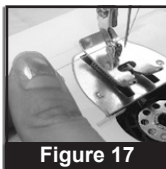


Figure 17



Figure 18

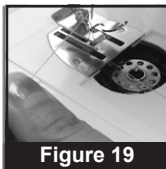


Figure 19

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7. Pull both the bobbin and top thread toward the back of your presser foot. (Figure 20)

Note: Try a practice stitch before beginning to sew to make sure you've threaded the machine correctly.



Figure 20

How to sew

1. Turn the hand wheel counter-clockwise till the needle is at its highest position. (Figure 21)
2. Lift the presser foot. Place the fabric beneath the presser foot at exact spot where you want to begin sewing. (Figure 22)
3. Lower the presser foot onto the fabric. (Figure 23) Select a stitch pattern. Make sure the power switch is ON. Lower the needle into the fabric. Press down on the foot control and begin sewing. The sewing speed depends on the pressure applied to the paddle: the harder you press, the faster the needle moves. Guide the fabric gently with your hands.
4. When done, switch the power OFF.
5. Turn the hand wheel anti-clockwise till the needle is at its highest position. Lift the presser foot. Gently ease the fabric away from beneath the presser foot.



Figure 21

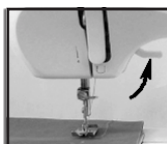


Figure 22



Figure 23

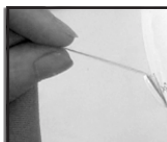


Figure 24

6. Snip the threads with the thread cutter. (Figure 24)

Note: Do not touch the pattern selection knob while the machine is running.

Note: Do not use this machine for stretchable or knitted fabrics, such as towels, sweaters, etc., as this machine is not intended for such use.

Adjusting tension

A good stitch is neither too tight nor too loose. Check both the top and bottom threads to make sure they are smooth and even. (Figure 25)

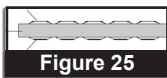


Figure 25

If the top thread on your sewing machine is too loose, the bottom thread on your fabric will look like a very straight line. To correct this, gradually turn the thread clamp downward (numbers go up) to increase tension, until the stitching is smooth and even. (Figure 26)

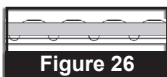


Figure 26

If the bottom thread on your sewing machine is too loose, the top thread on your fabric will look like a very straight line. To correct this, gradually turn the thread clamp upward (numbers go down) to decrease tension, until the stitches are smooth and even. (Figure 27)

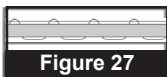


Figure 27

Using the sewing arm

To sew sleeves, cuffs, or other narrow garments, use the sewing arm.

1. Lift the presser foot.
2. Position the narrow garment around the sewing arm. (Figure 28)
3. Lower the presser foot and follow the regular sewing instructions.

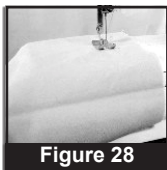


Figure 28

Replacing the needle

Caution: Make sure that the machine is on off before replacing the needle.

1. Make sure the power is OFF. Turn the hand wheel until the needle is at its highest position.
2. Hold the old needle with one hand while loosening the needle clamp screw with the other. When the needle is loose, remove it from its clamp. (Figure 29)
3. Insert a new needle in the clamp with the flat side toward the right. When the needle is firmly in place, tighten the needle clamp screw. (Figure 30)

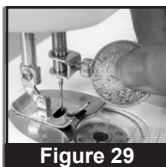


Figure 29



Figure 30

Features

Stitch patterns

This sewing machine offers a choice of 12 stitches: 3 straight, 7 zigzag, and 2 buttonhole stitches. The 12 stitches are illustrated to the right of the stitch pattern knob. (Figure 31) Turn the stitch pattern knob to the number that corresponds to your desired stitch. (Figure 32)

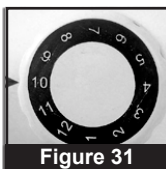


Figure 31

Buttonhole stitch

1. Select #12 on the stitch pattern knob. Place fabric beneath the presser foot at the exact spot of buttonhole.
2. Turn the switch ON. Sew about 3-4 stitches at low speed and turn switch OFF. (Figure 33)
3. Select #11 on the stitch pattern knob. Turn the switch ON. Sew several stitches until you reach the desired length of the buttonhole. Make sure you sew in a straight line. Turn



Figure 32

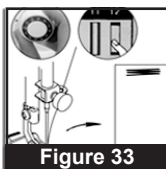


Figure 33

switch OFF. (Figure 34)

4. Lift the presser foot. Rotate the fabric so that you will now sew in the opposite direction. (Figure 35)

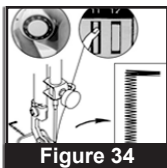


Figure 34

5. Select #12 on the pattern stitch knob. Turn switch ON. Sew about 3-4 stitches at low speed. OFF. (Figure 36)

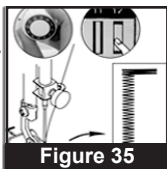


Figure 35

6. Select #11 on the pattern stitch knob. Turn switch ON. Sew several stitches in the opposite direction of Step 3, till you meet the original stitches of Step 2. Turn switch OFF. (Figure 37)

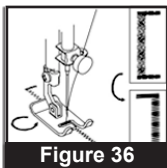


Figure 36

7. Use a seam ripper to cut the space between stitches.

Work lamp

The work lamp provides direct lighting to the sewing area. Use the light switch to turn the lamp ON or OFF.

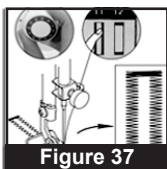


Figure 37

Reverse stitch button

Reverse stitching is good for reinforcing the two edges of a seam, so that the stitches will not unravel. Press and hold the reverse stitch button to sew backwards; release to sew in regular direction.

Sewing speeds

The Sewing Machine offers two speed settings: low (L) and high (H). Depending on the type of sewing you're doing, select the appropriate setting. (Figure 38)



Figure 38

Accessories drawer

The accessories drawer has a designated space for bobbins, threads, and needles. (Figure 39)



Figure 39

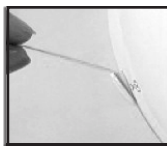


Figure 40

Thread cutter

Use the handy thread cutter at the left side of the sewing machine to snip threads after threading or sewing. (Figure 40)

Troubleshooting Guide

PROBLEM	CAUSE	SOLUTION
Machine runs slowly or not at all	Adapter power inadequate or inappropriate Adapter not plugged in	Use a compatible adapter and make sure it is plugged in correctly to an outlet with enough power
Machine skips stitches	Needle eye not in the center	Remove and reinsert the needle correctly
	Needle bent	Remove and insert a new needle
	Presser foot too loose	Tighten the screw of the presser foot
Bobbin thread cannot be drawn up	Lower thread used up	Wind thread onto bobbin
	Machine incorrectly threaded	Follow the instructions listed above on threading this machine
Thread keeps breaking	Thread blocked by lower bobbin	Thread the upper thread and lower thread again
	Needle scarf too rough	Remove and reinsert a new needle

Thread keeps breaking	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	Upper thread is too loose or incorrectly threaded	Remove the spool of thread from the spool pin, wind any loose thread around it, and rethread the machine
	Upper thread is too tight or lower thread too loose	Adjust thread tension dial according to the instructions listed in "Adjusting Tension"
Needle breaks	Needle bent or deformed	Remove and insert a new needle
	Presser foot too loose	Insert a new needle and tighten the screw of the presser foot
	Pulling fabric with force while sewing	Remove and insert a new needle, and guide fabric along gently
	Needle not lowered into fabric when starting to sew	Remove and insert a new needle turn hand wheel to lower the needle into fabric, and then start sewing

1 YEAR LIMITED WARRANTY

The SB1800 / SB1818 Compact Sewing Machine is warranted for 1 year from provable date of purchase against defects in material and workmanship.

During this period such defects will be repaired, or the product will be replaced without charge.

This warranty does not cover damage caused by misuse, negligence or improper installation. Warranty is also invalid in any case that the product is taken apart or serviced by an unauthorized service station.

Send your package postage prepaid with a copy of your proof of purchase. You will also need to enclose a letter explaining the nature of your difficulty in detail. Please allow 2-4 weeks for return shipping.

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