Instructions for Operating “Rebuilt Singers”

CLASS "66" (Round Bobbin)
CLASS "127" (Long Bobbin)

SEWING MACHINES AND ATTACHMENTS
HOW TO OIL MACHINE.
(Illustration No. 3)

There are 6 holes on top of the machine. Put one drop of oil in each of these holes.

Oil the felt on Bobbincase marked “S”.

Oil all mechanical parts under bed of machine.

Machine should be oiled at least once a month, when not in use, and accordingly, when in constant use.

SUGGESTIONS.

Belt should not be too tight or too loose. Adjusted correctly, the belt will not slip or bind.

Use fine needle and thread with fine materials.

Use heavy needle and thread with heavy materials.

Have Presser foot or any parts of the attachments which you may be using, tightly fastened by Thumb Screw.

If tension is too tight, it will cause Needle Thread to break.

Always set Needle correctly in Needle Bar, as otherwise, your Needle will break.

Always use proper thread for type of needle in use.

HOW TO THREAD SINGER "66" CLASS MACHINE
(See Illustration No. 1)

1. Place Spool on Spool Pin marked “A”
2. Draw thread from spool thru HOOK marked “B”
3. Draw thread down between the two DISCS of the TENSION marked “C” from right to left, drawing thread upward to catch on to wire hook of spring protruding from left side of Tension marked C 1.
4. Draw thread under Thread Retainer marked “D”
5. Draw thread upward thru hole of Take-up marked “E” from right to left.
6. Draw thread down thru hook on Face Plate marked “F”
7. Draw thread downward thru Guide on Needlebar marked “G”
8. Thread needle marked “H” from left to right.
9. Draw thru enough thread (about three inches) with which to commence sewing.
CLASS "66" MACHINE

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CLASS "66" MACHINE

HOW TO FILL BOBBIN WITH THREAD.
(See Illustrations No. 2 and No. 2A)

1. Turn Knob of Wheel marked "I" toward you, to release machine from sewing.
2. Place bobbin on Bobbin winder, making sure that notch in bobbin fits into pin on shaft of Bobbinwinder. Wind some thread on bobbin, then press down Bobbinwinder until it clicks.
3. Draw thread thru slot marked "J" down thru hook marked "K" from right to left.
4. Draw thru hook marked "B" which will bring thread from spool on Spool pin marked "A".
5. You are now ready to thread bobbin which will automatically stop when filled.
6. Be sure when you are thru threading bobbin, to tighten Knob of Wheel marked "I" to its original position.

ILL. No. 3

PLACING SLIDE PLATE INTO MACHINE.
Replace slide from left to right as illustrated in No. 7, making sure that both ends marked "T" enter the grooves of the Slide Plate.
CLASS "66" MACHINE

HOW TO INSERT NEEDLE.
1. Raise up needle as far up as it will go by turning wheel of sewing machine marked "N".
2. Loosen screw on Needle clamp marked "R".
3. Place needle with flat side to right into opening for needle, as far up as it will go, and tighten screw on Needle clamp marked "R".
CLASS "66" MACHINE

HOW TO PLACE BOBBIN IN BOBBIN CASE.
(Illustrations No. 3 and No. 4)

1. Open slide marked "K" by drawing slide from right to left.
2. Place bobbin with thread leading on top from right to left, in bobbin case, draw thread thru slot in bobbin case marked "L" until it catches between notch of Bobbin case and Spring of bobbin case marked "M".
3. Hold end of thread thru needle in left hand, turn Wheel marked "N" toward you until Needle goes down and up, which will catch thread from bobbin, and will pull thru hole of needleplate, marked "O".
4. Place both ends of thread under and in back of Presser-foot, and you are ready to sew.

HOW TO ADJUST STITCH.
(See Illustration No. 5)

1. If small stitch is required, turn large screw marked "P" to left.
2. If larger stitch is required, turn large screw marked "P" to right.
3. If thread is too loose, turn tension nut marked "Q" to right.
4. If thread is too tight, turn tension nut marked "Q" to left.

Illustr. #7
1. Place spool of thread on Spool Pin marked "A".

2. Draw thread from spool to Hook on Face Plate marked "B".

3. Then down between the two discs of the Tension marked "C".

4. Draw thread thru loop of Spring marked "D".

5. Continue drawing thread which to commence sewing upwards thru hole of Take-up marked "E".

6. Down thru hole of Hook marked "F".

7. Thru needlebar guide marked "G".

8. Thru hole of needle marked "H" from left to right.

9. Draw thru enough thread (about three inches) with which to commence sewing.

ILL. No. 8
CLASS 127 MACHINE

HOW TO FILL BOBBIN WITH THREAD
(Illustrations No. 9 and No. 10)

1. Turn Knob of Wheel marked “I” towards you, to release machine from sewing.
2. Wind some thread by hand on Bobbin.
3. Take Knob of Bobbinwinder marked “J” and pull out.
4. Place Bobbin in opening between “K” and “L” and release knob of Bobbinwinder marked “J” to hold bobbin in place.
5. Draw thread from Bobbin thru slot marked “M” down thru hook marked “N”.
6. Draw thread to extreme left thru Hook marked “B”.
7. Place Spool of thread on Spool Pin marked “A”.
8. Push Bobbinwinder pulley marked “O” against wheel.
9. Fill Bobbin until sufficient thread is thereon.
10. Pull Bobbin winder back from Wheel to its original position.
11. Be sure when you are thru filling your Bobbin, to tighten Knob of wheel marked “I” to its original position.

HOW TO ADJUST STITCH.
(Illustration No. 12)

1. If small stitch is required, turn large screw marked “Q” to left.
2. If larger stitch is required, turn large screw marked “Q” to right.
3. If thread is too loose, turn tension nut marked “R” to right.
4. If thread is too tight, turn tension nut marked “R” to left.

HOW TO INSERT NEEDLE
(Illustration No. 12)

1. Raise needle as far up as it will go, by turning wheel wheel of Sewing machine marked “S”
2. Loosen screw on Needleclamp marked “P”
3. Place needle with flat side to right, into opening for needle, as far up as it will go, and tighten screw on needle clamp marked “P”
HOW TO OIL MACHINE.

There are 6 holes on top of the machine. Put one drop of oil in each of these holes.

Oil all mechanical parts under bed of machine.

Machine should be oiled at least once a month, when not in use, and accordingly, when in constant use.

After oiling machine, be sure to clean well, and run off a piece of waste material to prevent oil from staining regular sewing materials.
1. Place Bobbin in Shuttle, as Fig. No. 1, hold end of thread, drawing the thread thru slot of shuttle.

2. Straight down towards the Hooked Point as per Fig. 2.

3. Then draw thread straight upward, so that thread catches under spring of shuttle, as per Fig. No. 3.

4. Draw three or four inches of thread out of the shuttle, so that you are ready to place shuttle in shuttle carrier of machine.
HOW TO REPLACE SHUTTLE

(Illustration No. 13)

1. Pull out front slide.
2. Turn Wheel, until carrier or Shuttle Holder is in full view.
3. Place Shuttle in Carrier, with point of shuttle toward you, and tension adjustment screw (as per illus. No. 11, Fig. No. 1) upwards.
4. Take thread from needle in left hand; turn wheel towards you and this will bring thread from bobbin thru hole of needleplate.
5. Close slide, and you are ready to sew.
ATTACHMENTS AND THEIR USES.

FOR HEMMING — USE HEMMING FOOT.

(Illustration No. 15)

1. Lift needle as high up as it will go.
2. Replace PRESSER FOOT with HEMMING FOOT.
3. Cut off right hand corner edge of material. (This will help hemming foot to take roll of material more easily.)
4. Bend up edge of material approximately 1/4 inch.
5. Insert material into HEMMER and push along until this material is underneath needle.
6. Drop down Presser bar—make several stitches, pull the ends of threads very gently until the feed catches it. (You will get an even hem if you keep the mouth of the Hemmer just full enough with material.)
FOR HEMMING AND ATTACHING LACE AT THE SAME TIME — USE HEMMING FOOT.

(Illustration No. 16)

1. Lift needle as high up as it will go.
2. Replace Presser Foot with Hemming Foot.
3. Lift up Hemmer to ease pressure on your Hem.
4. Place lace  
   a. thru slot on the side of the hemmer  
   b. under rear of hemmer and over the hem.
5. See that hem which is directly underneath the lace is running thru the Hemmer evenly.
6. See that needle is stitching down thru both the lace and the hem.
7. Drop Presser bar.
8. Guide Lace well into slot so that needle will pierce edge at each stitch.

Illust. #16
FOR FELLING — USE HEMMING FOOT.

(Illustration No. 17)

1. Lay your two pieces of material for felling, one directly over the other. Allow the edge of the underneath piece to protrude out a little to the right.

2. Sew the above together, place as suggested in Paragraph No. 1, using the hemmer as a presser foot, the front part of the hemming foot to act as a guide for the edges of both pieces of material. The upper piece of material guided by the inside, and the underneath piece of material guided by the outside of the extending front part of the hemming foot.

3. Lay material out flat, wrong side up where the seam just finished will stand straight up, and take the edges near the beginning of the seam in your right hand, and the threads in your left hand; bring edges into the hemmer, which will fold these edges in, just the same as if you were hemming. You can guide your second line of stitching by the first row, with the inside of the extending front of the hemming foot.

ILL. No. 17
HOW TO USE ADJUSTABLE HEMMER FOR HEMMING

(Illustration No. 18)

1. Take off Presser foot, and replace with Adjustable Hemmer. (You can turn hems ranging in width from 3/6" to 15/16" wide with this attachment).

2. To get the width required, adjust this hemmer by loosening Thumb Screw on hemmer, and set scale to left or right. Tighten thumb screw on hemmer, after your turned hem is the width you require.

3. Set material under hemmer, and draw edge to left under the scale.

4. Pull material backwards and forwards until hem is set, stopping with the extreme end of material underneath needle.

5. Drop Presserbar and start to sew, carefully guiding material to keep hemmer just full enough with material.
FOR WIDER HEMMING — USE ADJUSTABLE HEMMER

(Illustration No. 19)

1. For a wider hem than 15/16"", loosen thumb screw, and place scale as far to the right as possible—then swing towards you.

2. Tighten thumb screw.

3. Press down a hem to the required width; place the fold under extension at right of hemmer, and edge of material into folder. You are now ready to continue with your hemming.

 Illust. #19
1. Take off Presser Foot, and replace with Binder.

2. Put binding thru the spiral part of binder, and draw binding back under the needle.

3. Place edge of material you are going to bind, between the spiral part of binder and draw it underneath the needle.

4. Drop Presser Bar, and stitch.

Note. This attachment can also be used for French Folds, and is worked exactly the same as above, with the exception that the fold is sewed on the face of the material, instead of on the edge of the material. Sewing can be brought more to the center, by loosening up the Binder set Screw, and adjusting this binder.
FOR TUCKING — USE TUCKER.

(Illustration No. 21)

1. Take off Presser Foot, and replace with Tucker.

2. You may guide yourself (for the width of the tuck required) by the scale of figures on this attachment.

3. Press down material before tucking, by hand, for the first line of tucking.

4. Pass "Pressed-down" edge between the spring and the projection part directly underneath the first scale, then between the blades of the second scale, and back under the Presser foot.

5. Draw to right against the guide.

6. Drop Presserbar, and you are ready to sew.

   If lever which fits underneath the needleclamp is in a backward position, your crease for the next tuck will be uniformly made.

   For second tuck, guide yourself by marked crease made by this attachment when you are making your first tuck.

ILL. No. 21
HOW TO USE CLOTH GUIDE
(Illustration No. 24)

1. Note the two holes on bed of machine.
2. Fasten this attachment with Thumb Screw into one of these holes, and adjust to your requirements.

ILL. No. 24

(This ATTACHMENT is to keep work evenly sewed)
FOR RUFFLING — GATHERING — PLEATING.
(Illustrations No. 22 and No. 23)

1. Remove Presserfoot, and replace with Ruffler, making sure that arm of this attachment fits around Needle Clamp.

FOR RUFFLING or GATHERING—See that adjusting lever on this attachment fits thru slot marked No. 1.

FOR PLEATING—See that adjusting lever on this attachment fits thru slot marked No. 5.

The adjustment screw on this attachment can be adjusted to make deeper or narrower pleats when pleating, and heavier or lighter ruffling, when gathering.
HOW TO FEED MATERIAL INTO RUFFLING AND PLEATING ATTACHMENT.

1. Place material between the two blue blades.
2. Drop Presser bar.
3. Adjust for either ruffling, gathering or pleating.
4. Adjust for heavier or lighter ruffling.
5. Adjust for wider or narrower pleats.
6. You are now ready to stitch.
# Relative Sizes of Needles and Thread

## Class and Variety of Needles Used, 15 x 1

<table>
<thead>
<tr>
<th>Sizes of Needles</th>
<th>Classes of Work</th>
<th>Sizes of Cotton, Silk or Linen Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Very thin Muslins, Cambrics, Linens, etc.</td>
<td>100 to 150 Cotton OO &amp; OOO Silk Twist</td>
</tr>
<tr>
<td>11</td>
<td>Very fine Calicoes, Linens, Shirtings, fine Silk Goods, etc.</td>
<td>80 to 100 Cotton O Silk Twist</td>
</tr>
<tr>
<td>14</td>
<td>Shirtings, Sheetings, Calicoes, Muslins, Silk and general domestic goods and all classes of general work.</td>
<td>60 to 80 Cotton A &amp; B Silk Twist</td>
</tr>
<tr>
<td>16</td>
<td>All kinds of heavy Calicoes, light Woolen Goods, heavy Silk, Seaming, Stitching, etc.</td>
<td>40 to 60 Cotton C Silk Twist</td>
</tr>
<tr>
<td>18</td>
<td>Tickings, Woolen Goods, Trousers, Boys’ Clothing, Corsets, Cloaks, Mantles, etc.</td>
<td>30 to 40 Cotton D Silk Twist</td>
</tr>
<tr>
<td>19</td>
<td>Heavy Woolens, Tickings, Bags, Heavy Coats, Trousers, etc. Heavy Clothing generally.</td>
<td>24 to 30 Cotton E Silk Twist</td>
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<tr>
<td></td>
<td></td>
<td>60 to 80 Linen</td>
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