

Singer S010L (Model 347907)

Singer S010L Overlock Sewing Machine User Manual

Model: S010L (347907)

Introduction	Safety Instructions	Parts Identification	Setup Warranty & Support	Operating	Maintenance
	Troubleshooting	Specifications			

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your Singer S010L Overlock Sewing Machine. The S010L is designed for versatile sewing, offering 2, 3, or 4-thread overlock stitching with differential feed capability, ideal for a wide range of fabrics from delicate silks to stretch knits.

Please read this manual thoroughly before using the machine to ensure proper handling and to maximize its performance and longevity.



Figure 1.1: Front view of the Singer S010L Overlock Sewing Machine. This image displays the machine's compact design, the threading guides, tension dials, and the free arm area, with a piece of fabric under the presser foot.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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When using an electrical appliance, basic safety precautions should always be followed, including the following:

- Read all instructions before using this overlock machine.
- Keep these instructions in a convenient place near the machine.
- To reduce the risk of electric shock, always unplug the machine from the electrical outlet immediately after using and before cleaning, removing covers, or making any user servicing adjustments.
- Do not allow to be used as a toy. Close attention is necessary when this overlock machine is used by or near children.
- Use this overlock machine only for its intended use as described in this manual. Use only accessories recommended by the manufacturer as contained in this manual.
- Never operate this overlock machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off position, then remove plug from outlet.

- Keep fingers away from all moving parts. Special care is required around the overlock machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. This may deflect the needle causing it to break.
- Turn the overlock machine off when making any adjustments in the needle area, such as threading the needle, changing the needle, threading the looper, or changing the presser foot.
- Always unplug the overlock machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.

### 3. PARTS IDENTIFICATION

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Familiarize yourself with the various components of your Singer S010L overlock machine to ensure correct operation and maintenance.



Figure 3.1: Overview of the Singer S010L, highlighting the threading path and tension dials. This image provides a clearer view of the upper part of the machine, including the thread spool pins and the color-coded threading guides.

#### Key Components:

- 1. Thread Spool Pins:** Holds the thread spools.
- 2. Thread Guides:** Directs the thread through the machine.
- 3. Tension Dials:** Adjusts the tension for each thread (color-coded for easy identification).

4. **Presser Foot:** Holds the fabric firmly in place during stitching.
5. **Needle Clamp:** Secures the needles.
6. **Stitch Length Dial:** Controls the length of the stitches.
7. **Differential Feed Dial:** Adjusts the feeding of fabric to prevent stretching or puckering.
8. **Knife:** Trims the fabric edge before stitching.
9. **Handwheel:** Manually moves the needle up and down.
10. **Foot Controller Port:** Connects the foot pedal for speed control.
11. **Power Switch:** Turns the machine on/off.

## 4. SETUP

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### 4.1 Unpacking and Placement

- Carefully remove the machine from its packaging.
- Place the machine on a stable, flat surface, ensuring adequate space around it for fabric handling.
- Connect the foot controller and power cord to the machine and then to a suitable electrical outlet.

### 4.2 Threading the Machine

The Singer S010L features color-coded threading paths for easy setup. Always follow the numerical and color sequence for correct threading.



Figure 4.1: Detailed view of the color-coded tension dials and threading guides. This close-up shows the individual tension settings for each thread and the clear numbering for the threading sequence, crucial for proper machine operation.

1. Raise the presser foot and turn the handwheel towards you to raise the needles to their highest position.
2. Open the front and side covers of the machine.
3. Follow the color-coded threading path for each thread (typically lower looper, upper looper, right needle, left needle).

4. Ensure threads are seated correctly in all tension discs and guides.
5. Close all covers before operating the machine.

Refer to the detailed threading diagrams inside the machine's front cover for precise instructions.

## 5. OPERATING THE MACHINE

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### 5.1 Basic Stitching

- Place the fabric under the presser foot, aligning the edge with the knife.
- Lower the presser foot.
- Gently press the foot controller to begin stitching. Guide the fabric smoothly.
- At the end of the seam, continue stitching off the fabric for a few stitches to create a thread chain.
- Raise the presser foot and pull the fabric and thread chain away from the machine, cutting the chain.

### 5.2 Adjusting Stitch Length and Differential Feed

The stitch length dial controls the density of your stitches. The differential feed dial adjusts the ratio between the front and rear feed dogs, crucial for working with different fabric types.

- **Stitch Length:** Turn the dial to increase (longer stitches) or decrease (shorter stitches) the stitch length.
- **Differential Feed:**
  - Set to 1.0 for normal fabrics.
  - Increase above 1.0 (e.g., 1.5, 2.0) to gather fabric or prevent stretching on knits.
  - Decrease below 1.0 (e.g., 0.7, 0.5) to stretch fabric or prevent puckering on fine fabrics.

### 5.3 Threading Configurations

The S010L supports 2, 3, and 4-thread overlock stitches. Refer to the manual's specific sections for detailed instructions on setting up each configuration, including needle removal/insertion and tension adjustments.

## 6. MAINTENANCE

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### 6.1 Cleaning

- Always unplug the machine before cleaning.
- Use a small brush to remove lint and dust from the looper area, under the needle plate, and around the feed dogs.
- Wipe the exterior surfaces with a soft, dry cloth. Do not use harsh chemicals.

### 6.2 Lubrication

Regular lubrication of moving parts is essential for smooth operation. Refer to your machine's specific lubrication points indicated in the full manual. Use only high-quality sewing machine oil.

### 6.3 Needle Replacement

- Turn off and unplug the machine.
- Loosen the needle clamp screw(s) with the provided screwdriver.
- Remove the old needle(s).
- Insert new needle(s) with the flat side facing the back of the machine, pushing it up as far as it will go.
- Tighten the needle clamp screw(s) securely.

- Always use the correct type and size of needles for your overlock machine.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, consult a qualified service technician.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect threading, bent or dull needle, wrong needle type, incorrect tension.	Re-thread machine, replace needle, use correct needle for fabric, adjust tension.
Thread Breakage	Incorrect threading, high tension, poor quality thread, burrs on thread path, bent needle.	Check threading, reduce tension, use good quality thread, inspect thread path, replace needle.
Fabric Puckering	Too much differential feed, high tension, incorrect stitch length.	Adjust differential feed to lower setting, reduce tension, increase stitch length.
Fabric Stretching	Too little differential feed, low tension.	Adjust differential feed to higher setting, increase tension.
Machine Not Starting	Not plugged in, power switch off, foot controller not connected.	Check power connections, ensure switch is on, verify foot controller connection.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	S010L (347907)
Brand	Singer
Thread Capability	2, 3, or 4 threads
Differential Feed	Yes
Free Arm	Yes
Color	White
Item Weight	7.4 kg
Package Dimensions	37 x 31 x 31 cm
Power Source	Electric

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your machine or visit the official Singer website. Keep your proof of purchase for warranty claims.

### Online Resources:

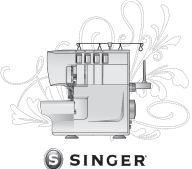
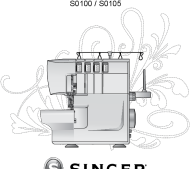


- Official Singer Website: [www.singer.com](http://www.singer.com)
- Product Registration: Register your product online to receive updates and support.
- FAQs and Video Tutorials: Many common questions and operational guides are available on the Singer support pages.

For technical assistance or service, contact Singer customer service directly. Contact details can typically be found on the Singer website or in your product packaging.



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Related Documents - S010L (Model 347907)

<div><p>INSTRUCTION MANUAL</p><p>S0100 / S0105</p><p>SINGER</p></div>	<p><a href="#">Singer S0100/S0105 Instruction Manual: Operation, Maintenance, and Troubleshooting</a></p> <p>Comprehensive instruction manual for the Singer S0100 and S0105 overlock sewing machines, covering safety, operation, maintenance, troubleshooting, and stitch settings.</p>
<div><p>INSTRUCTION MANUAL</p><p>S0100 / S0105</p><p>SINGER</p></div>	<p><a href="#">SINGER S0100 / S0105 Overlock Sewing Machine Instruction Manual</a></p> <p>Comprehensive instruction manual for the SINGER S0100 and S0105 overlock sewing machines, covering essential safety precautions, setup, operation, threading, stitch settings, maintenance, and troubleshooting.</p>
<div><p>MANUAL DE INSTRUCCIONES</p><p>S0100 / S0105</p><p>SINGER</p></div>	<p><a href="#">Manual de Instrucciones Singer S0100 / S0105</a></p> <p>Manual completo de instrucciones para las máquinas de coser overlock Singer S0100 y S0105, cubriendo seguridad, operación, mantenimiento y solución de problemas.</p>
<div><p>SINGER</p><p>138W101</p><p><small>From the history of Superior Sewing Machines &amp; Supply Ltd.</small></p></div>	<p><a href="#">Singer 138w101 Sewing Machine: User and Adjuster Manual</a></p> <p>Comprehensive guide for the Singer 138w101 post bed, lock stitch, two-needle sewing machine, covering lubrication, threading, adjustments, and maintenance for optimal performance.</p>
<div><p>INSTRUCTIONS FOR USING SINGER® ELECTRIC SEWING MACHINE 15-91 REVERSIBLE FEED LOCK STITCH FOR FAMILY USE</p><p>MADE IN JAPAN A MEMBER COMPANY OF THE SINGER MANUFACTURING COMPANY</p></div>	<p><a href="#">Singer 15-91 Electric Sewing Machine: Instructions for Use and Maintenance</a></p> <p>Comprehensive user manual and guide for the Singer 15-91 Electric Sewing Machine, covering operation, threading, maintenance, and troubleshooting.</p>

SINGER  
206K25

[SINGER 206K25 Electric Sewing Machine Adjusters Manual](#)

A comprehensive adjusters manual for the SINGER 206K25 electric sewing machine, detailing setup, operation, maintenance, and troubleshooting for combined straight and zigzag stitching.