

Singer C5900

Singer C5900 Sewing Machine Instruction Manual

Model: C5900



Front cover of the instruction manual for the Singer C5900 Sewing Machine, displaying the model number and Singer logo.

1. IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using this sewing machine.
- Keep instructions close to the machine.
- Make sure to hand them over if the machine is given to a third party.

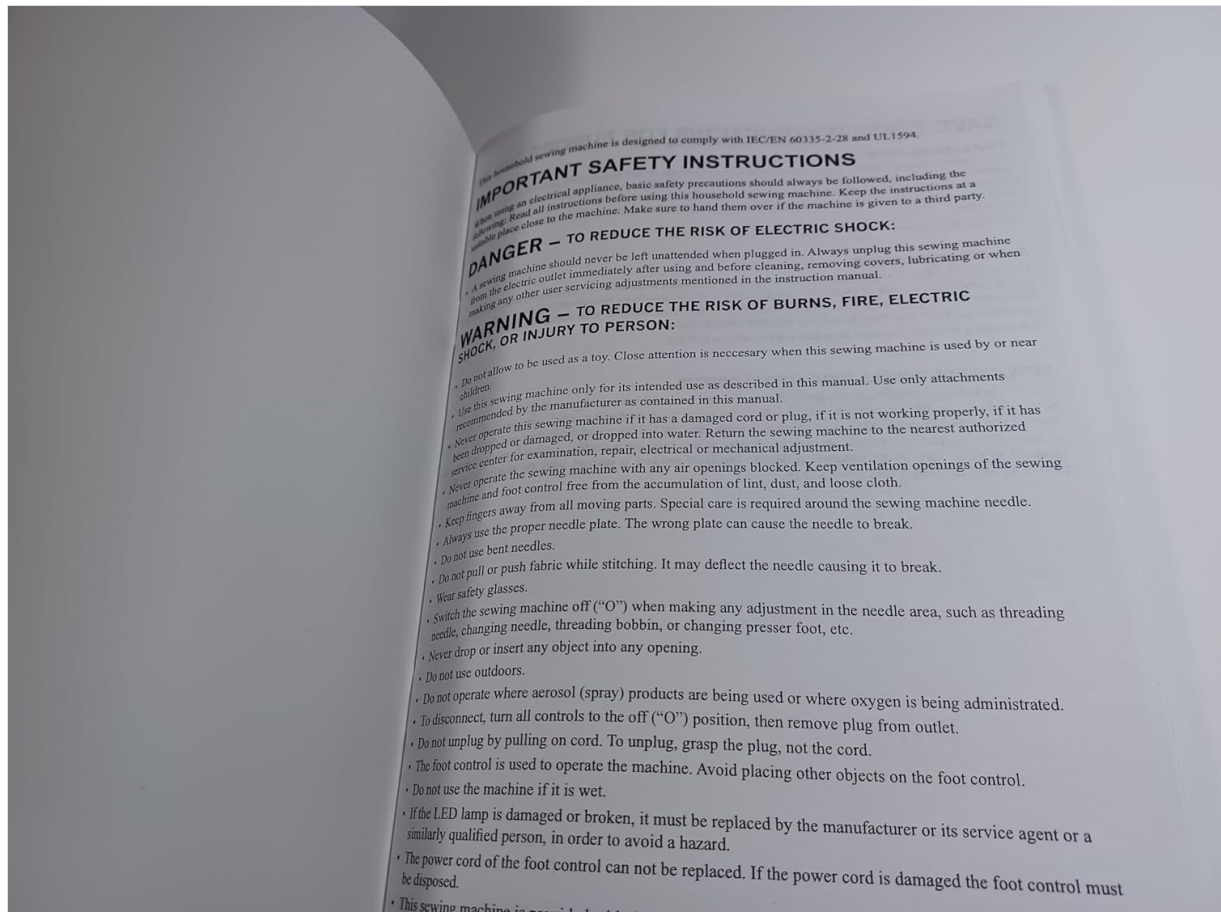
DANGER – To Reduce the Risk of Electric Shock:

- A sewing machine should never be left unattended when plugged in.

- Always unplug this sewing machine from the electric outlet immediately after using and before cleaning, removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.

WARNING – To Reduce the Risk of Burns, Fire, Electric Shock, or Injury to Person:

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing 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. Return the sewing machine to the nearest authorized service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot control free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing 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. It may deflect the needle causing it to break.
- Wear safety glasses.
- Switch the sewing machine off ("O") when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- 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 ("O") position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- The foot control is used to operate the machine. Avoid placing other objects on the foot control.
- Do not use the machine if it is wet.
- If the LED lamp is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- The power cord of the foot control can not be replaced. If the power cord is damaged the foot control must be disposed.



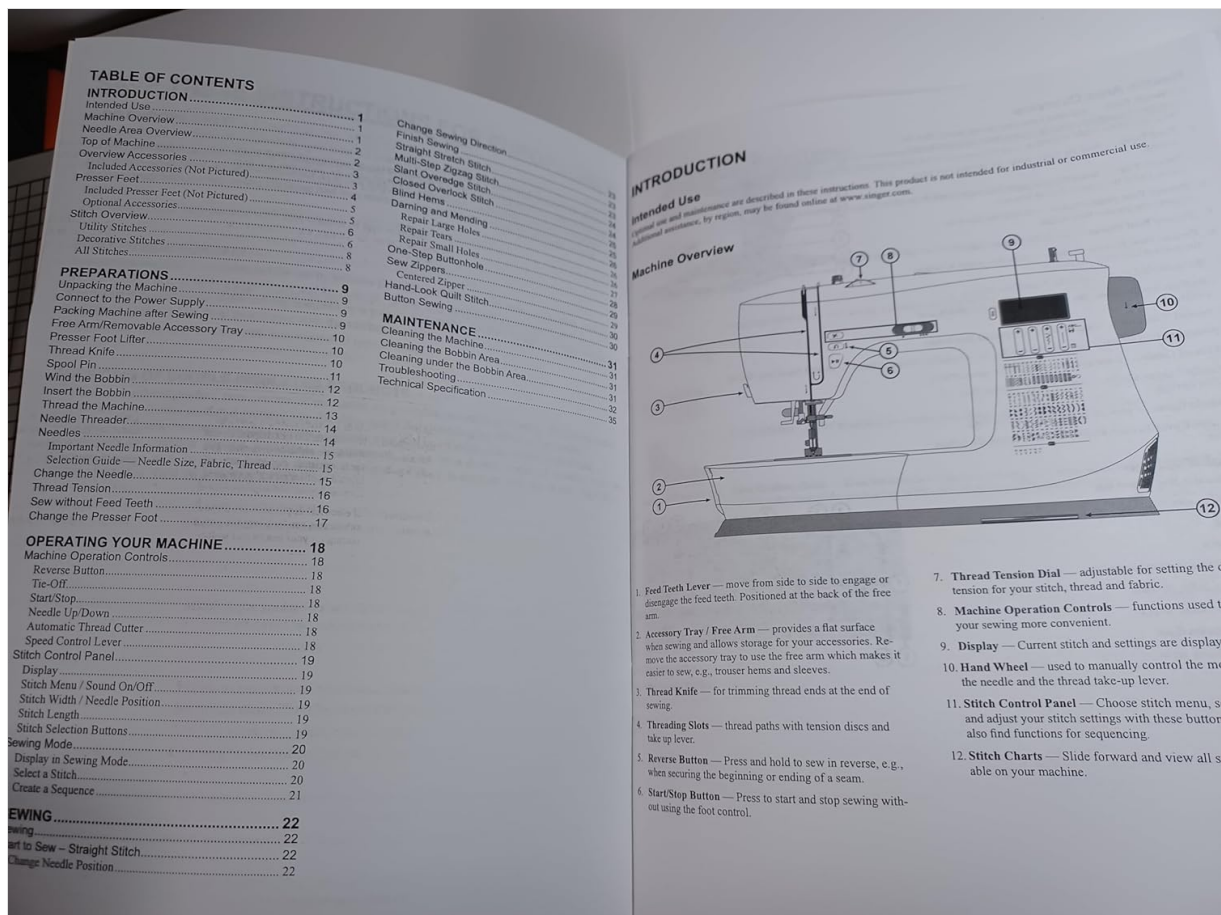
A page from the Singer C5900 manual detailing critical safety warnings and precautions for operation.

2. INTRODUCTION AND MACHINE OVERVIEW

This section provides an overview of the Singer C5900 sewing machine's components and their functions.

Machine Components:

1. **Feed Teeth Lever** – Move from side to side to engage or disengage the feed teeth. Positioned at the back of the free arm.
2. **Accessory Tray/Free Arm** – Provides a flat surface when sewing and allows storage for your accessories. Remove the accessory tray to use the free arm which makes it easier to sew, e.g., trouser hems and sleeves.
3. **Thread Knife** – For trimming thread ends at the end of sewing.
4. **Threading Slots** – Thread paths with tension discs and take up lever.
5. **Reverse Button** – Press and hold to sew in reverse, e.g., when securing the beginning or ending of a seam.
6. **Start/Stop Button** – Press to start and stop sewing without using the foot control.
7. **Thread Tension Dial** – Adjustable for setting the correct tension for your stitch, thread, and fabric.
8. **Machine Operation Controls** – Functions used to make your sewing more convenient.
9. **Display** – Current stitch and settings are displayed here.
10. **Hand Wheel** – Used to manually control the movement of the needle and the thread take-up lever.
11. **Stitch Control Panel** – Choose stitch menu, stitch type, and adjust your stitch settings with these buttons. Also find functions for sequencing.
12. **Stitch Charts** – Slide forward and view all stitches available on your machine.



A diagram illustrating the main components of the Singer C5900 sewing machine, with corresponding numbers for identification.

3. OVERVIEW OF ACCESSORIES

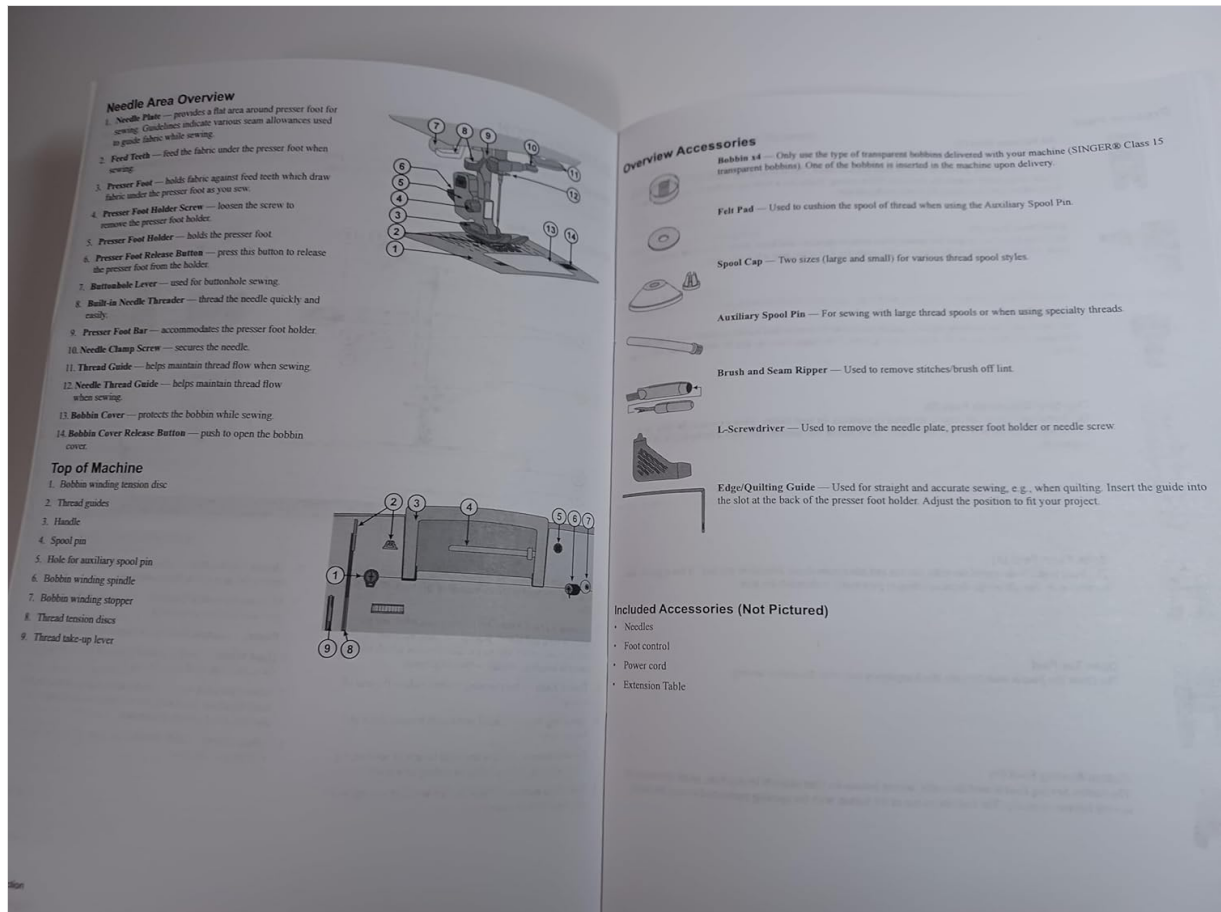
The Singer C5900 sewing machine comes with various accessories to enhance your sewing experience.

Included Accessories:

- **Bobbins** – Only use the type of transparent bobbins delivered with your machine (SINGER® Class 15 transparent bobbins). One of the bobbins is inserted in the machine upon delivery.
- **Felt Pad** – Used to cushion the spool of thread when using the Auxiliary Spool Pin.
- **Spool Cap** – Two sizes (large and small) for various thread spool styles.
- **Auxiliary Spool Pin** – For sewing with large thread spools or when using specialty threads.
- **Brush and Seam Ripper** – Used to remove stitches/brush off lint.
- **L-Screwdriver** – Used to remove the needle plate, presser foot holder or needle screw.
- **Edge/Quilting Guide** – Used for straight and accurate sewing, e.g., when quilting. Insert the guide into the slot at the back of the presser foot holder. Adjust the position to fit your project.

Included Accessories (Not Pictured):

- Needles
- Foot control
- Power cord
- Extension Table



An illustration showing various accessories included with the Singer C5900 sewing machine, such as bobbins, spool caps, and tools.

4. PREPARATIONS FOR SEWING

4.1. Needle Area Overview

1. **Needle Clamp Screw** — Secures the needle.
2. **Presser Foot Lifter** — Raises and lowers the presser foot.
3. **Presser Foot Holder Screw** — Loosen the screw to remove the presser foot holder.
4. **Presser Foot Holder** — Holds the presser foot.
5. **Presser Foot Release Button** — Press this button to release the presser foot from the holder.
6. **Buttonhole Lever** — Used for buttonhole sewing.
7. **Built-in Needle Threader** — Threads the needle quickly and easily.
8. **Presser Foot Bar** — Accommodates the presser foot holder.
9. **Needle Clamp Screw** — Secures the needle.
10. **Thread Guides** — Help maintain thread flow when sewing.
11. **Needle Thread Guide** — Helps maintain thread flow when sewing.
12. **Bobbin Cover** — Protects the bobbin while sewing.
13. **Bobbin Case Release Button** — Push to open the bobbin cover.

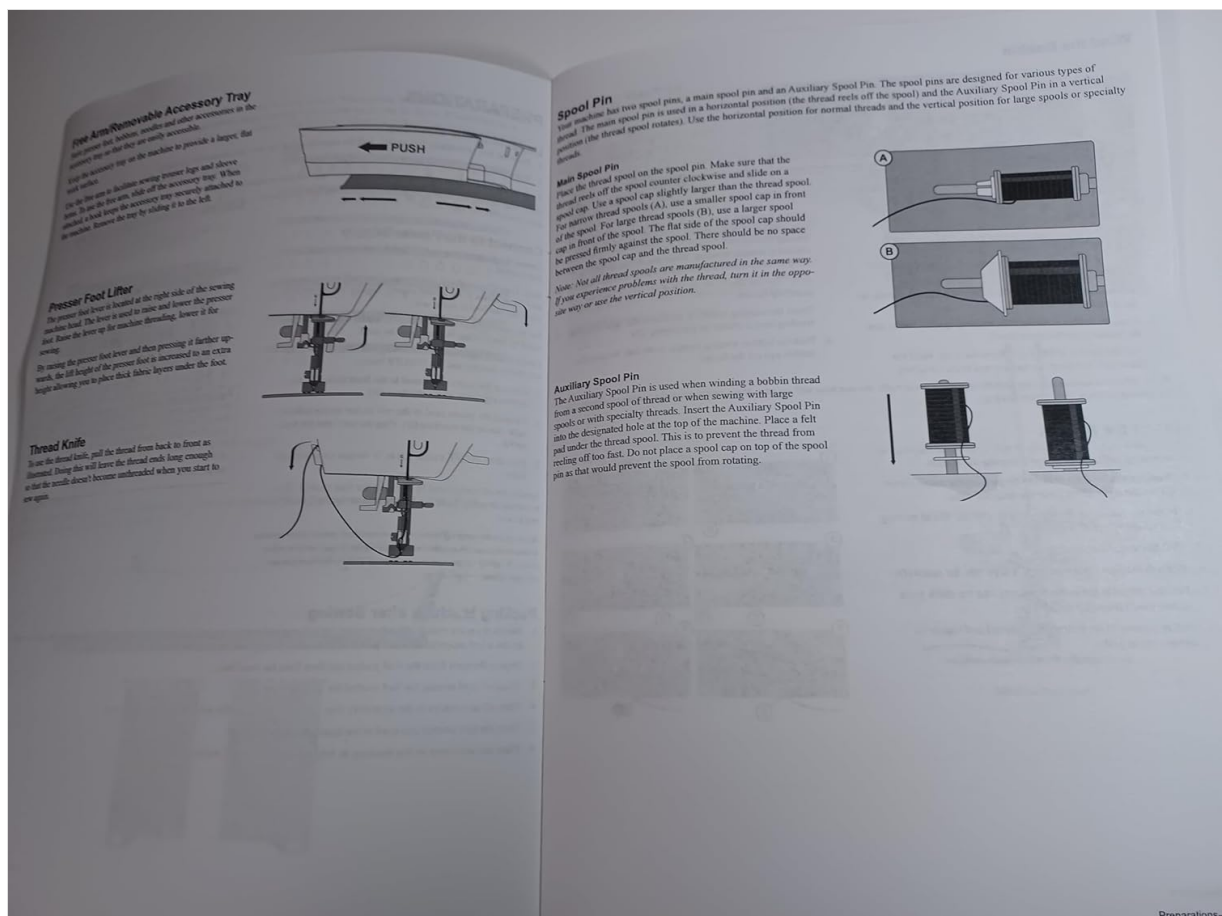
4.2. Spool Pin and Auxiliary Spool Pin

The machine has two spool pins: a main spool pin and an Auxiliary Spool Pin. The spool pins are designed for various types of thread. The main spool pin is used in a horizontal position (for normal thread reels off

the spool) and the Auxiliary Spool Pin is in a vertical position (for thread spool rotates). Use the horizontal position for normal threads and the vertical position for large spools or specialty threads.

Main Spool Pin: Place the thread spool on the spool pin. Make sure that the thread off the spool cap is on the backside and slide on a spool cap. Use a spool cap slightly larger than the thread spool (A). For small thread spools (A), use a small spool cap. For large thread spools (B), use a larger spool cap. The flat side of the spool cap should be firmly against the thread spool. The spool cap prevents the spool cap from turning too fast. Note: Not all thread spools are manufactured in the same way. If you experience problems with the thread, turn it in the opposite way or use the vertical position.

Auxiliary Spool Pin: The Auxiliary Spool Pin is used when winding a bobbin thread from a second spool of thread or when sewing with large thread spools or specialty threads. Insert the Auxiliary Spool Pin into the designated hole on the top of the machine. Place a felt pad under the thread spool. This is to prevent the thread from pulling off too fast. Do not place a spool cap on top of the spool pin as that would prevent the spool from rotating.



Illustrations detailing the use of the presser foot lifter, thread knife, and the setup for main and auxiliary spool pins on the Singer C5900.

4.3. Winding the Bobbin

(Detailed instructions for bobbin winding are typically found here. Refer to your physical manual for specific steps.)

4.4. Threading the Machine

(Detailed instructions for threading the upper thread and needle are typically found here. Refer to your physical manual for specific steps.)

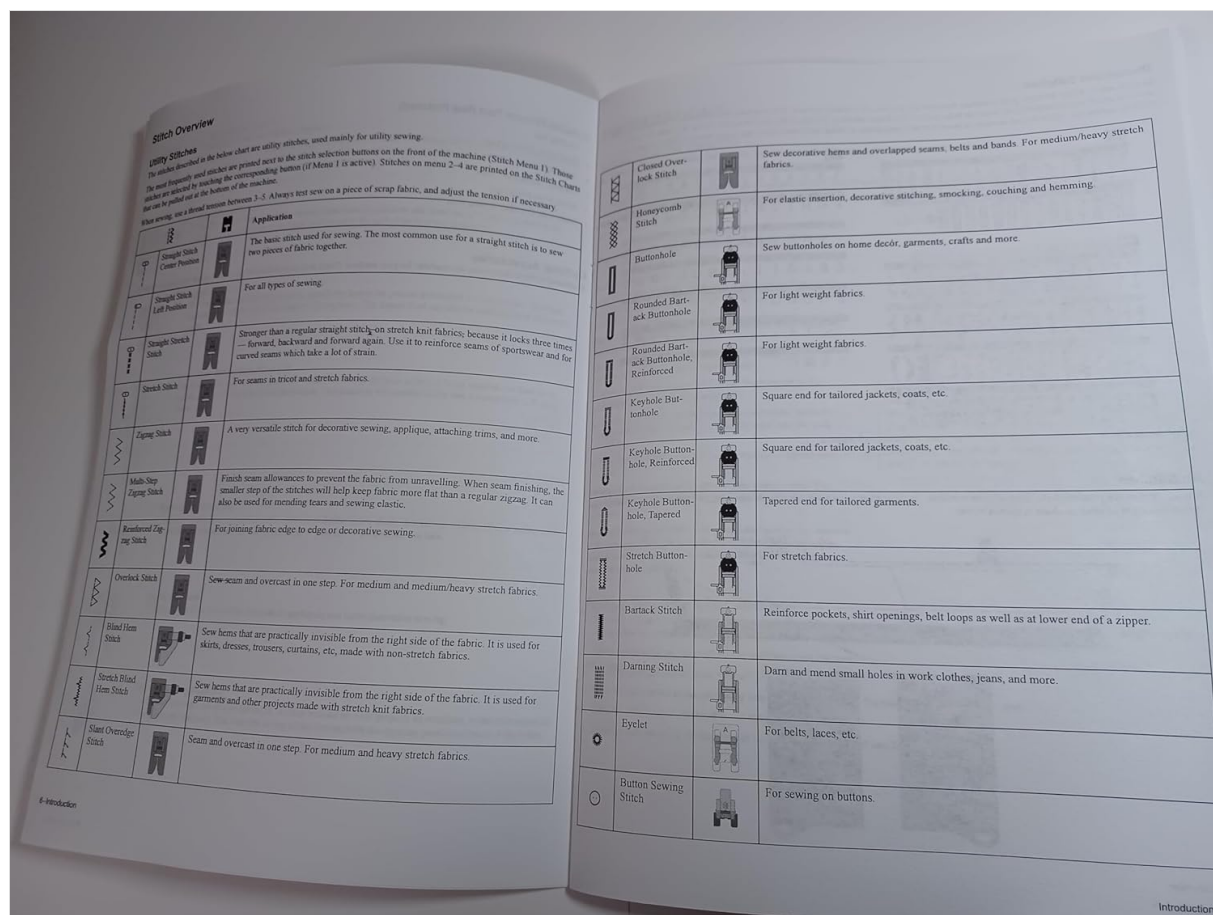
5. OPERATING YOUR MACHINE

5.1. Stitch Overview

The Singer C5900 offers a variety of stitches for different sewing needs. The stitch overview chart helps identify the appropriate stitch for your project.

Singer C5900 Stitch Overview

Stitch Name	Application
Straight Stitch	Sew seams that are practically invisible from the right side of the fabric. It is used for seams, dresses, trousers, curtains, etc., made with non-stretch fabrics.
Stretch Stitch	Sew seams that are practically invisible from the right side of the fabric. It is used for garments and other projects made with stretch knit fabrics.
Zigzag Stitch	A very versatile stitch for decorative sewing, appliqué, attaching trims, and more.
Multi-Step Zigzag Stitch	Finish seam allowances to prevent the fabric from unravelling. When seam finishing, the smaller step of the stitches will help keep fabric more flat than a regular zigzag. It can also be used for mending tears and sewing elastic.
Reinforced Zigzag Stitch	For joining fabric edge to edge or decorative sewing.
Overlock Stitch	Sew seam and overcast in one step. For medium and medium/heavy stretch fabrics.
Blind Hem Stitch	Sew hems that are practically invisible from the right side of the fabric. It is used for skirts, dresses, trousers, curtains, etc., made with non-stretch fabrics.
Stretch Blind Hem Stitch	Sew hems that are practically invisible from the right side of the fabric. It is used for garments and other projects made with stretch knit fabrics.
Buttonhole Stitch	Sew buttonholes on home decor, garments, crafts and more.
Rounded Bartack Buttonhole	For light weight fabrics.
Keyhole Bartack Buttonhole	Square end for tailored jackets, coats, etc.
Button Sewing Stitch	For sewing on buttons.



A detailed chart from the Singer C5900 manual illustrating various stitch patterns and their recommended applications.

5.2. Basic Stitching

(This section would cover how to select stitches, adjust length and width, and begin sewing. Refer to your physical manual for specific steps.)

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Singer C5900 sewing machine.

- **Cleaning:** Regularly clean lint and dust from the bobbin area and feed dogs using the provided brush. Ensure the machine is unplugged before cleaning.
- **Lubrication:** Refer to your manual for specific lubrication points and recommended lubricants. Over-lubrication can attract more dust.
- **Needle Replacement:** Replace needles frequently, especially when working with new projects or if the needle shows signs of bending or dullness. Use only SINGER® brand needles.
- **Storage:** When not in use, cover the machine to protect it from dust. Store in a dry, cool place.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your sewing machine and provides solutions.

Common Issues and Solutions:

- **Skipped Stitches:**

- Ensure the needle is inserted correctly and is not bent or dull.
- Check that the needle size and type are appropriate for the fabric and thread.
- Re-thread the machine completely, ensuring the thread is seated correctly in all guides and tension discs.

- **Thread Breaking:**

- Check thread tension; it might be too tight.
- Inspect the thread path for any snags or burrs.
- Ensure the needle is not bent or dull.
- Use good quality thread.

- **Bobbin Thread Looping/Nesting:**

- Check upper thread tension; it might be too loose.
- Ensure the bobbin is wound evenly and inserted correctly into the bobbin case.
- Clean any lint from the bobbin area.

- **Machine Not Starting:**

- Verify the power cord is securely plugged into both the machine and the wall outlet.
- Ensure the foot control is properly connected.
- Check if the bobbin winding spindle is pushed to the left (sewing position).

For more detailed troubleshooting, refer to the dedicated section in your complete instruction manual.

8. SPECIFICATIONS

Singer C5900 Sewing Machine Specifications

Feature	Detail
Product Dimensions	8.5 x 5.5 x 0.1 inches
Item Model Number	Singer C5900 Manual
Manufacturer	TabSynth Design (for the manual reproduction)
ASIN	B0FQG8JNB2

Note: The dimensions provided are for the instruction manual itself, not the sewing machine.

9. WARRANTY AND SUPPORT

For warranty information and customer support regarding your Singer C5900 sewing machine, please refer to the official Singer website or contact their customer service directly.

This manual is a reproduction of the original instruction manual. For issues related to the manual's quality or content, please contact the publisher, TabSynth Design Works LLC.

- **Official Singer Support:** www.singer.com/support (Example link, actual link may vary)

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Back cover of the instruction manual, featuring the Singer logo and brand slogan.