

FREE

## Singer® quick start guide



Creative Ideas from Jo-Ann  
more projects, tips & techniques at Joann.com®

### OPERATING THE MACHINE

#### FOOT CONTROL

- ✂ The foot control operates just as the gas pedal does in a car – the more pressure applied to the pedal, the faster the sewing machine will go. Practice speed control and coordination.
- ✂ If the foot control slips on the floor, apply hook-&-loop tape on carpeting, or use a non-slip pad on hard floor surfaces.

#### FEED DOGS

- ✂ The feed dogs move the fabric under the presser foot and control the stitch length by how far the fabric moves each stitch. Let the feed dogs move the fabric; do not push or pull the fabric while stitching, as it may bend or break the needle.

#### MAINTAINING THE MACHINE

##### CLEANING & LUBRICATION

- ✂ To keep the sewing machine running smoothly, clean and lubricate it with Singer® Sewing Machine Oil.
- ✂ Have the sewing machine serviced at regular intervals at a Singer® service center.
- ✂ Before cleaning or lubricating any sewing machine, unplug it and fully raise the needle.

##### Singer® Models 2277, 3232

TO CLEAN: Open hinged front cover. Remove needle plate. Softly brush or vacuum feed dogs & bobbin area to remove lint.

TO LUBRICATE: In bobbin area, snap the 2 retaining arms outward. Remove metal ring in front of bobbin. Remove hook—the metal part onto which the bobbin slides. Clean with a soft cloth. Put 1-2 drops of Singer® Sewing Machine Oil in center of bobbin area. Replace bobbin holder & outer metal ring; turn handwheel as needed. Snap retaining arms inward. Insert bobbin case & bobbin. Replace needle plate.

**SEW SMART TIP**  
If it is difficult to feel the pressure on the foot control pedal, try it barefoot.

##### Singer® Models 3321, 3323, 4452, 8763, One, 7285Q, 8500Q, XL-420

TO CLEAN: Remove bobbin cover plate. Loosen screws & remove needle plate. Remove bobbin case. Softly brush or vacuum feed dogs & bobbin area to remove lint.

To lubricate: Remove bobbin case. Put 1 drop of Singer® Sewing Machine Oil in center of bobbin area & on hook race. Replace bobbin case. Raise needle to the highest position. Slide needle plate into position. Tighten screws.

##### Singer® Model 14CG754 Serger

TO CLEAN: Disconnect the power line from the wall receptacle. Remove free arm cloth plate from machine. Open looper cover door. Remove throat plate from feed dog area. Using a small cleaning brush, remove lint from the looper and feed dog areas. For superior cleaning, use a can of compressed air to remove lint from these areas.

TO LUBRICATE: Disconnect the power line from the wall receptacle. Open looper cover door. Lubricate all moving parts of the loopers with 1-2 drops of Singer® Sewing Machine Oil. Close looper cover.

#### TROUBLESHOOTING

- ✂ Keep User's Manual handy; refer to it often. It shows how to thread, operate & maintain the sewing machine.
- ✂ Become familiar with sewing machine parts to understand directions & communicate problems.
- ✂ Plug the machine into a power surge protector strip.
- ✂ Don't force the machine if it stops moving, sounds wrong, or stitches incorrectly. Stop sewing to find the cause. It can be as simple as rethreading.
- ✂ Turn off the power or unplug the machine when not in use, especially if children are in the house.

**SEW SMART TIP**  
is available to answer questions at  
1-800-4-SINGER

Visit Joann.com®  
for free projects,  
information and links to  
other sewing resources.

Courtesy of Singer®

Please read and follow all manufacturers' instructions for all tools and materials used. Provide adult supervision if children participate in this project.  
#235-4493

©2014 Jo-Ann Stores, LLC

**JOANN**  
fabric and craft stores®

## YOUR NEW SINGER® SEWING MACHINE

Get comfortable with the basics. This Quick Start Guide can help you on your way to years of creative enjoyment.

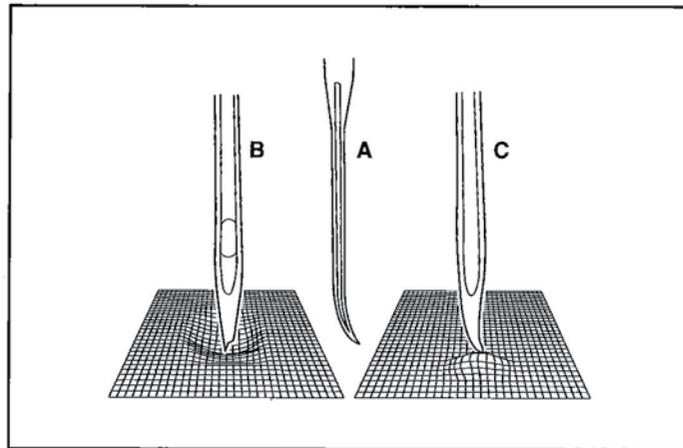
### SETTING UP THE MACHINE

#### NEEDLES

- ✂ Needle sizes range from 9 for fine fabrics to 18 for coarse – higher the number, thicker the needle. 80/12 on a needle package lists European (80) & U.S. (12) measurements.
- ✂ The needle size required depends on the fabric. The needle should be strong & thick enough to pierce the fabric, without leaving obvious holes.
- ✂ Begin each project with a new needle. A blunt needle will damage the fabric. A bent needle will skip stitches or hit the throat plate.

### SEW SMART TIP

Always use genuine Singer® sewing machine needles with your Singer® machine.



Needles must be in perfect condition.

Problems can occur with:

- Bent needles
- Blunt needles
- Damaged points

### THREAD

- ✂ Use top-quality thread. Poor-quality thread leaves excess lint in the bobbin area & feed dogs.
- ✂ Embroidery thread enhances the look of decorative & satin stitches. It is not strong enough to use for seams or in the bobbin.
- ✂ Hand-quilting thread is for hand-sewing, not machine use.



### SEW SMART TIP

Thread on wood or foam spools weakens with age. Throw it away & use the spools for craft projects!



### THREADING THE MACHINE

- ✂ Turn the hand wheel toward you until the needle is in the highest position.
- ✂ Raise the presser foot to allow the thread to seat itself properly in the tension disks. Incorrect top tension causes a tangle of loose threads on the underside of the seam.
- ✂ Firmly grip the thread at the top of the machine with one hand while threading with the other so thread is properly positioned.

### SEW SMART TIP

Thread on wood or foam. Wet the eye of the needle, not the end of the thread, to make threading easier.



### BOBBINS

- ✂ Each sewing machine requires a specific bobbin style; always use genuine Singer® bobbins in your Singer® sewing machine.
- ✂ An evenly wound bobbin will turn smoothly in the bobbin case and produce quality stitches.
- ✂ Do not wind thread over existing bobbin thread, it affects the tension.
- ✂ Purchase extra bobbins and keep a variety of thread colors on hand.



### THREAD TENSION

- ✂ Straight stitch seams require balanced tension, with the top thread and the bobbin thread locked together in the middle of the fabric layers. Using the same thread on both the top and bottom helps maintain even tension.
- ✂ Satin stitch and decorative stitches look better with the top tension a bit looser and the top thread slightly visible on the wrong side.
- ✂ When using embroidery thread on the top and polyester bobbin thread in the bobbin, tension adjustments may be required.

