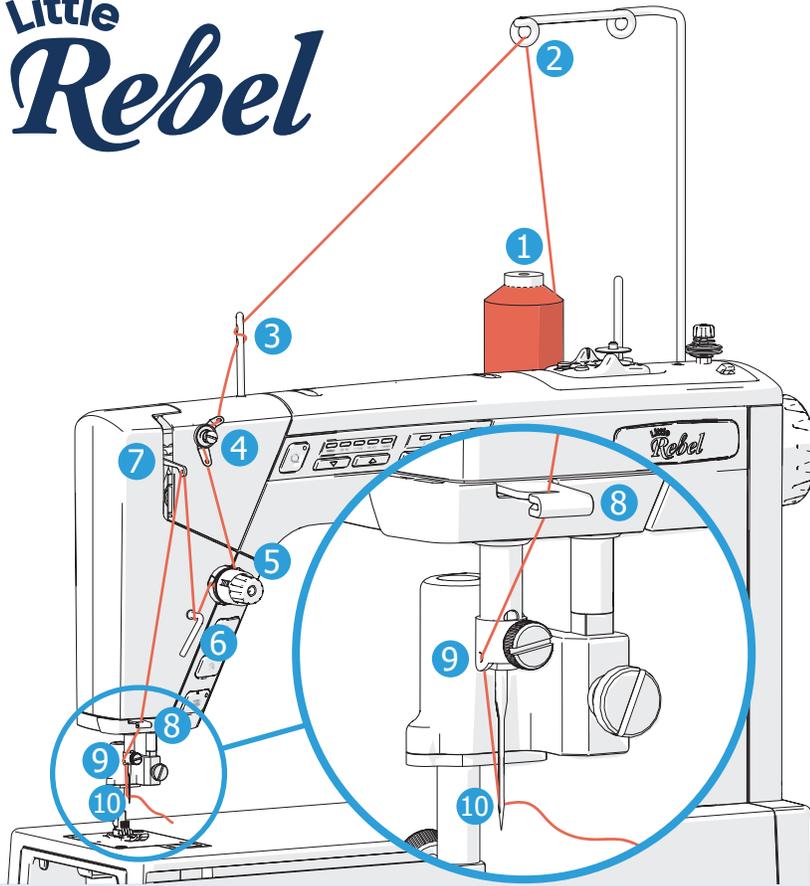


Little Rebel



Threading Guide

- 1 Thread Stand
- 2 Thread Mast
- 3 Thread Guide Rod
- 4 Small Thread Tensioner
- 5 Large Thread Tensioner
- 6 Thread Guide Arm Rod
- 7 Take-Up Lever
- 8 Lower Thread Guide
- 9 Needle Bar Eyelet
- 10 Eye of Needle

Grace
COMPANY

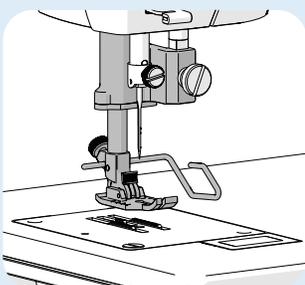
Starting a New Project?

Frame users only:

1. Wipe down all tracks and wheels with a lint-free cloth.
2. Place the machine on the frame and plug in the stitch controller (see machine manual). Make sure all cables are securely plugged in, out of the way, and not constricting the machine's movement.
3. Measure and record your quilt's length and width for later reference.
4. Load your quilt onto your frame (see frame manual).
5. Adjust the rail height (see frame manual) so that the take-up rail and the machine bed are as close as possible without touching.

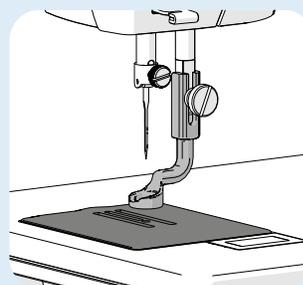
All users:

1. Oil the hook assembly (see machine manual).
2. Wind a bobbin and load the bobbin case (see other side).
3. Set the bobbin case tension (see other side).
4. Install a new needle. Choose from the recommended needle styles (see other side).
5. Thread the machine (see above).
6. Put the machine in either Sewing Mode or Quilting Mode (see below).
7. Adjust stitch length and speed settings. Turn stitch regulation on/off (Quilting Mode only).
8. Test thread tension on scrap material and adjust the tension knob (see other side).



Sewing Mode

- Remove quilting plate
- Attach presser foot holder
- Plug in foot pedal (optional)



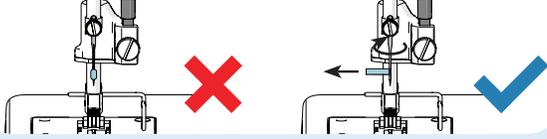
Quilting Mode

- Install quilting plate
- Attach hopping foot and set height correctly
- **Frame quilting:**
Set with height tool.
- **Off-frame quilting:**
Set with quilt sandwich.

Needle Information

Recommended Styles: • DPX5 MR • 134 MR • 1955 MR

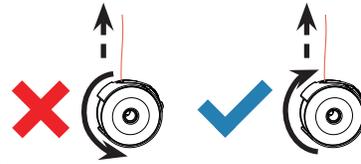
Needle faces away from presser bar.



Needle Size: Thread Weight and Type:

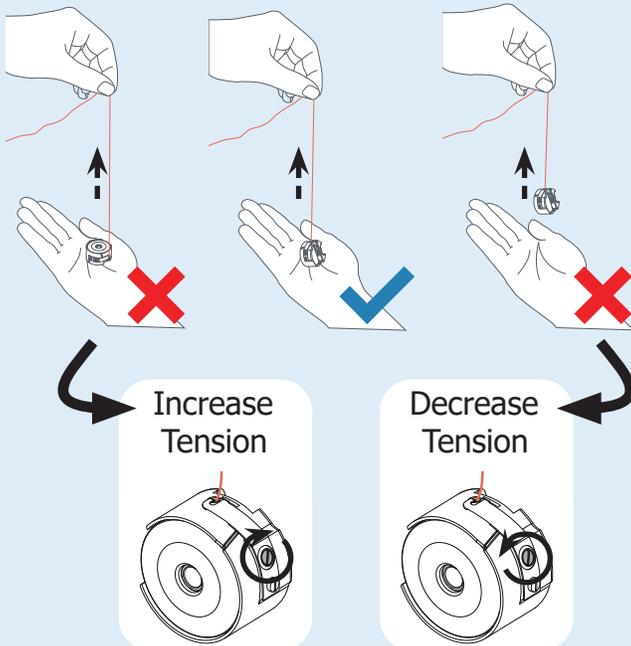
90/14	100 wt. silk, 60 wt. polyester, monofilament
100/16	60 wt. cotton/polyester, 50 wt. cotton, monofilament
110/18	50 wt. polyester, 40–30 wt. cotton/polyester
125/20	any 30 wt. (or heavier) thread

Bobbin Case Loading



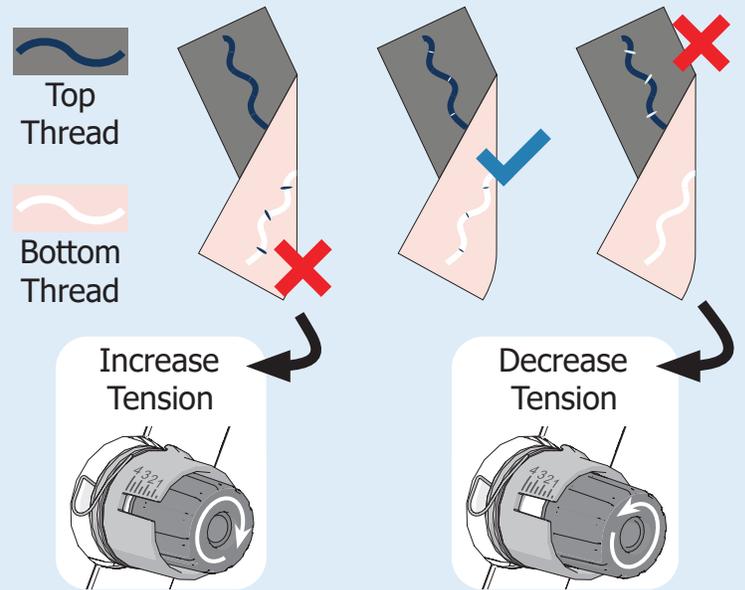
Bobbin rotates clockwise when thread is pulled.

Bottom Thread Tension



Top Thread Tension

Note: Set bottom thread tension first.



Buttons

- START STOP** Start/Stop
Stitch at current speed.
- ↺** Backstitch
Stitch in reverse.
- Q** Q Button
Enable/disable stitch regulation.
- ▲ ▼** Needle Up/Down
Move needle to next position.
- ▢** Stitch Length Buttons
Increase/decrease stitches-per-inch (SPI).
- ▶ ◀** Speed Buttons
Increase/decrease stitching speed.

Stitch Regulation

Help your fabric maintain contact with the sensor.

All users:

- Cut backing and batting 10" longer than quilt top.
- Use smooth-textured fabrics.

Frame users:

- Set take-up rail extra low.
- Leave fabric tension slightly loose from front to back.
- Use bungee clamps (if owned).