SINGER
251-12 AND 251-13

Check out all Singer Manuals at singermachines.co.uk
Operator's Guide
SINGER®
251-12 and 251-13 machines

NEEDLES

Use SINGER Needles
Catalog 2270 (16 x 257)
with 251-12 and 251-13 Machines
or
Catalog 3066 (16 x 261)
with 251-13 Machine adjusted for
3/16" clearance under presser foot.
—in sizes determined by weight of
thread and type materials to be
sewn.

Setting the Needle

UPPER THREADING

MOVE TO
HIGHEST POINT

LOosen SCREW

LONG GROOVE

INSERT NEEDLE UP
AS FAR AS POSSIBLE
AND TIGHTEN SCREW

MOVE NEEDLE
BAR TO
HIGHEST POINT

Threading the Needle
**Bobbin Removal**

1. Open latch
2. Hold latch and pull case from hook

![Removing Bobbin Case from Sewing Hook](image)

![Removing Bobbin](image)

**Bobbin Case Replacement**

1. Holding latch, replace bobbin case on stud
2. Release latch
3. Press back until latch catches groove in stud

**Winding the Bobbin**

1. Place bobbin on spindle as far as it will go
2. Wind thread around bobbin
3. Press down to push pulley against belt, then start machine

- Oil
- Loosen to adjust for even winding

**Tension Control**

- Note: tighten for more thread on bobbin

**Thread Tensions**

- Bobbin thread
  - More tension
  - Less tension

- Needle thread
  - More tension
  - Less tension

Tension on threads should be as light as possible, while still sufficient to set stitch correctly in material. Securely tighten lock nut when correct tension is obtained.

**Threading Bobbin Case**

1. Pull thread into slot
2. Draw thread down and under spring
3. Turn bobbin case over and draw thread up into delivery eye

**Stitch Length Regulation**

1. Stop machine
2. Depress plunger
3. Turn pulley toward you slowly
4. Until plunger drops into notch
5. Then turn pulley to desired stitch length and release plunger

Never depress the plunger while the machine is running. Make certain that plunger is disengaged before starting machine.
**PRESSER FOOT PRESSURE**

The pressure on the material should be as light as possible, while still sufficient to insure correct feeding.

When correct pressure of presser foot on material is obtained, securely tighten lock nut.

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**LUBRICATION**

Use "TYPE A" or "TYPE C" OIL. Use "TYPE C" OIL when an oil is desired which will produce minimum stain on fabrics even after long period of storage.

1. **TIP MACHINE BACK**

   ![Diagram of Oil Flow Window]

   **SHOULD SHOW STEADY FLOW OF OIL**

   **Oil Flow Window**

2. **FILL TO HIGH MARK**

   **USE "TYPE A" OR "TYPE C" OIL**

   **NEVER ALLOW OIL TO FALL BELOW LOW MARK**

   ![Diagram of Oil Reservoir]

   Should oil flow become erratic, **STOP machine** and do not run machine again until the cause has been corrected.

   Clean out any lint or other waste around the hook and between the feed rows on the underside of the throat plate.