SINGER
251-12 AND 251-13
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.

MOVING TO
HIGHEST POINT

LOOSEN SCREW

LONG GROOVE

INSERT NEEDLE UP
AS FAR AS POSSIBLE
AND TIGHTEN SCREW

Setting the Needle

UPPER THREADING

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

Removing Bobbin

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

NOTE—TIGHTEN FOR MORE THREAD ON BOBBIN

TENSION CONTROL

LOosen TO ADJUST FOR EVEN WINDING

THREAD TENSIONS

Bobbin Thread

MORE TENSION

LESS TENSION

Needle Thread

MORE TENSION

LOosen LOCK NUT

LESS TENSION

Regulate needle thread tension only when presser foot is down.
securely tighten lock nut when correct tension is obtained.

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.

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

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

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.

THE SINGER MANUFACTURING CO.

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