

**Operator's
Guide**

SINGER*

108U **20**
30

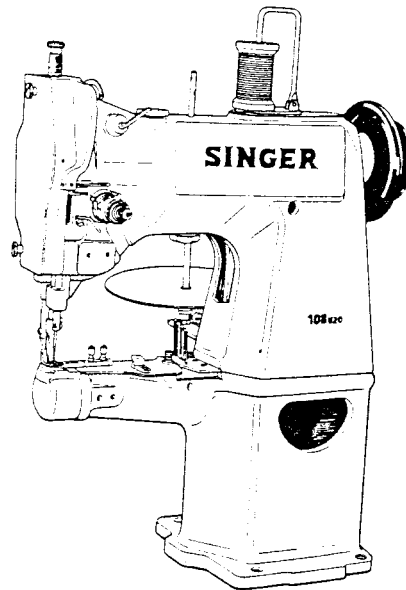
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BRIEF DESCRIPTION

Single needle, lockstitch machines featuring a unique "walking foot" (Unison Feed) mechanism and cylinder bed.

APPLICATION

Binding knit gloves, mattresses, sandals, shoe tongues, button straps, dress shields, shoe uppers, canvas shoes, etc.

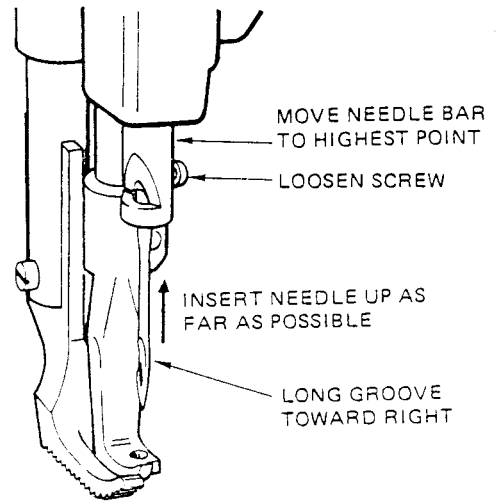


SPECIFICATIONS

	108U20	108U30
Vibrating and Lifting Presser Foot Lift	0.10" (2.5mm)	0.14" (3.5mm)
Bed Dimension at End of Cylinder	1-13/16" (46.0mm)	
Space at Right of Needle	5-3/4" (146.0mm)	
Clearance under Presser Foot	7/32" (5.6mm)	
Max. Stitch Length	8 S.P.I. (3.2mm)	
Max. Speed (RPM)	2,700	2,100
Needle	Cat. 1451 (135X1)	
Binder (Attached)	Part No. 224710, 0.025-7/16" (standard)	
Binder Tape Guide (Attached)	Part No. 208329, 7/16" (standard)	

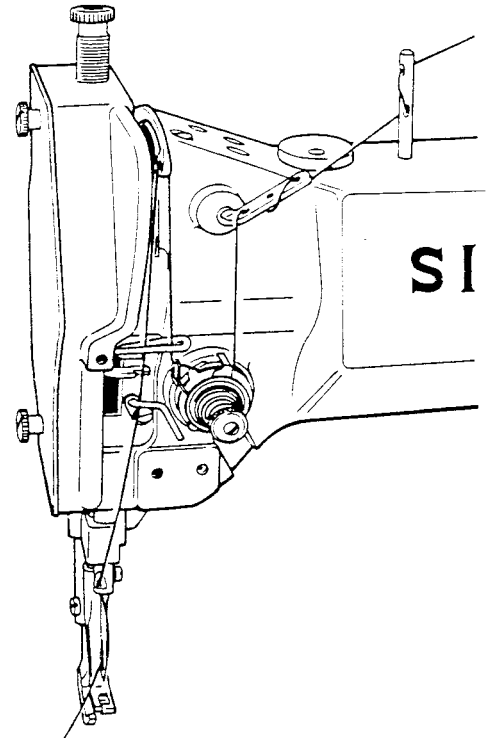
NEEDLE

Use Singer needle
Catalog 1451 (135X1)

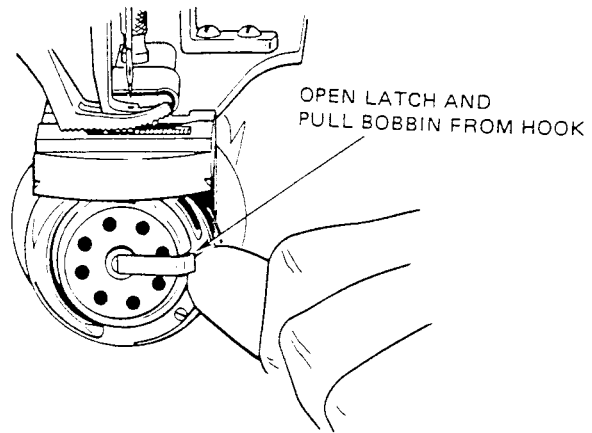


THREADING NEEDLE

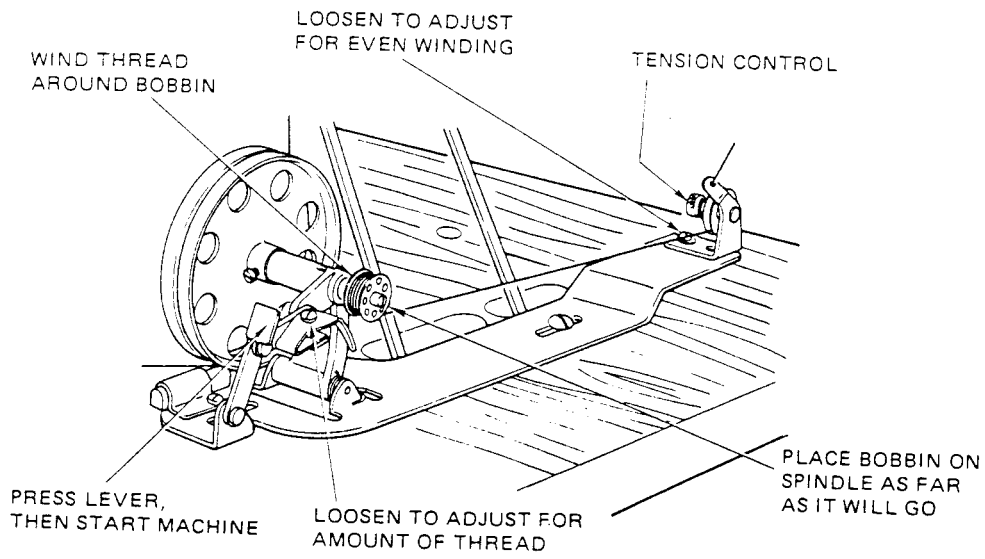
Thread only with the
needle bar in highest
position.



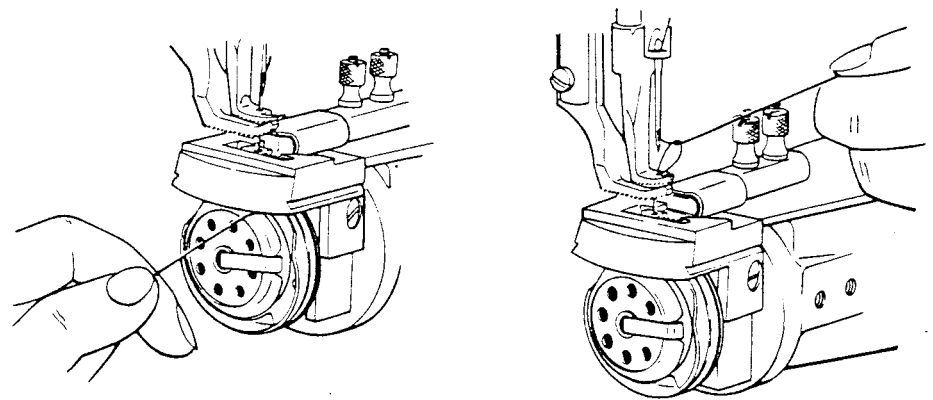
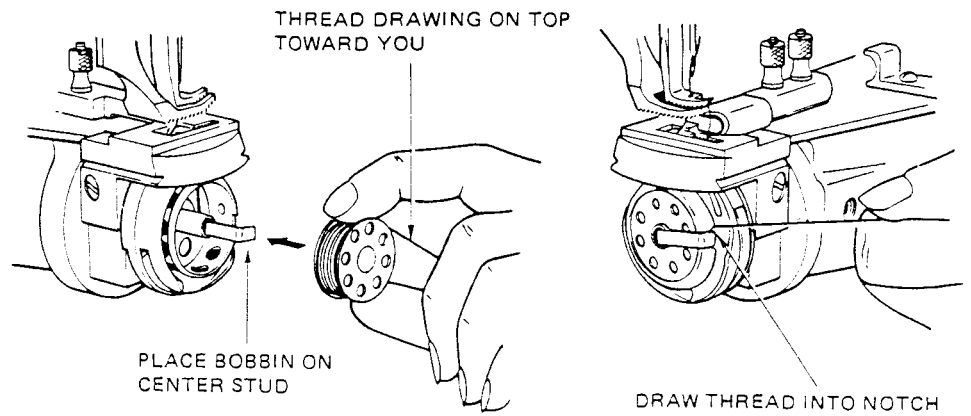
BOBBIN REMOVAL



BOBBIN WINDER



REPLACEMENT AND THREADING BOBBIN



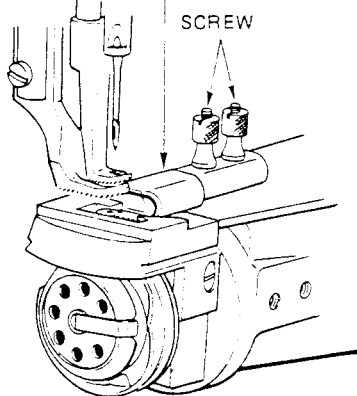
Draw thread up and over bobbin case toward the back of the machine.

Draw up needle thread and bobbin thread will come up.

STITCHING MARGIN

After stitching margin is adjusted, two screws should be tightened firmly.

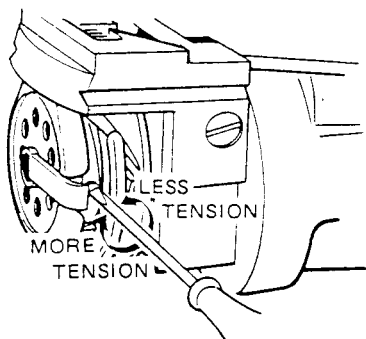
TO INCREASE MARGIN
MOVE BINDER TO THE LEFT



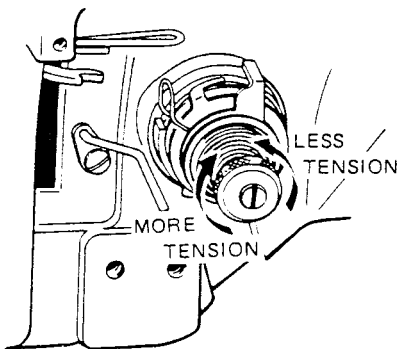
THREAD TENSION

Tension on threads should be as light as possible, while still sufficient to set stitch correctly in material.

Bobbin Thread



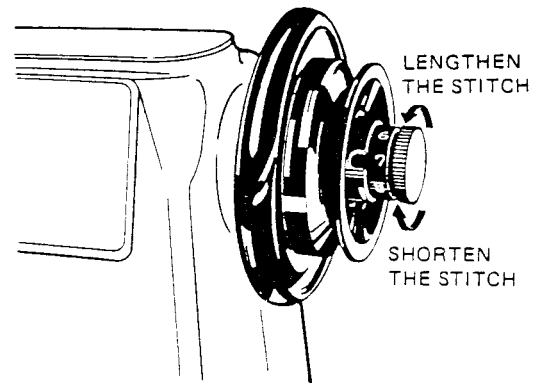
Needle Thread



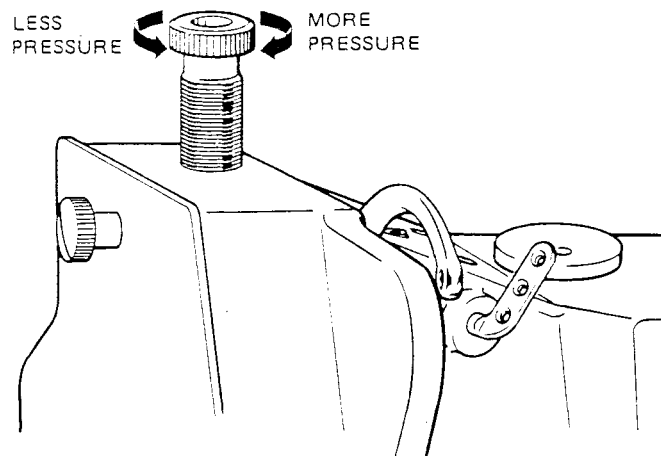
Regulate needle thread tension only when presser feet are down.

STITCH LENGTH REGULATION

Turn regulating dial to desired stitch length.



PRESSER FOOT PRESSURE



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

LUBRICATION

Twice Daily
(Mote frequently
with severe use)

Use SINGER "TYPE B" or
"TYPE D" OIL.

