



# SEIKO

## OPERATOR'S GUIDE

### TE TF-6, 6B

#### NEEDLE

1. Move needle bar to highest point.
2. Insert needle up as far as possible.
3. Long groove faces left.
4. Tighten needle set screw.

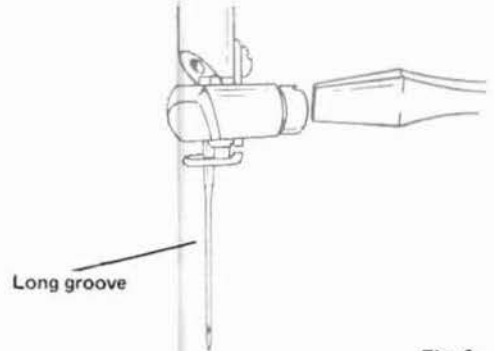


Fig. 1

#### THREADING NEEDLE

Raise needle bar to highest point and lead thread from thread stand according to the direction of the allow mark.

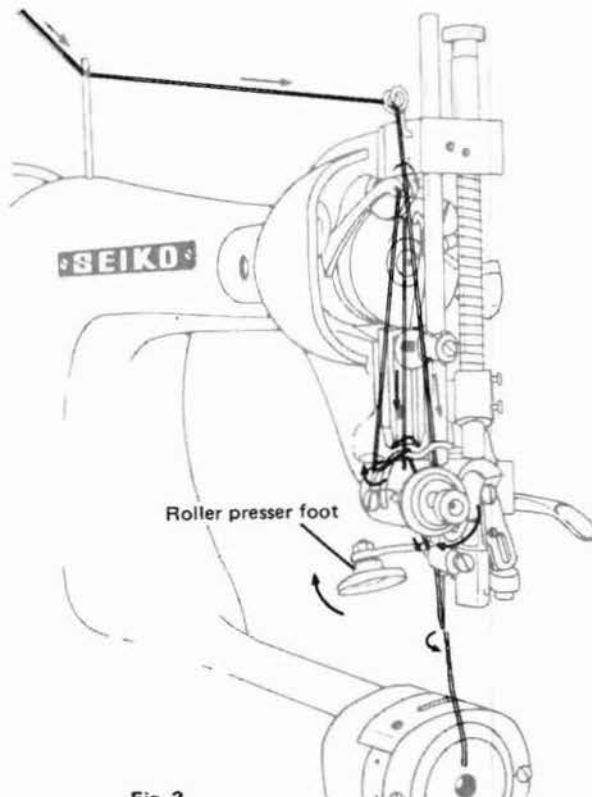


Fig. 2

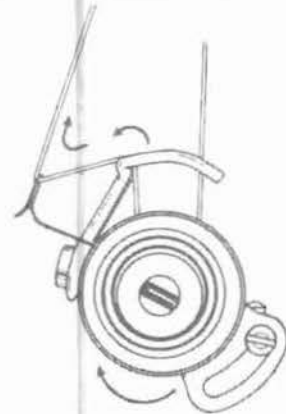


Fig. 3

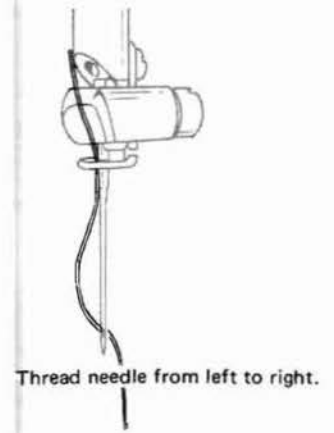


Fig. 4

**TO OPEN THE SHUTTLE RACE CAP**

1. Move needle bar to highest point.
2. Press shuttle race cap latch outward.
3. Move right side of cap upward to disengage it from screw head.
4. Remove cap from shuttle race.

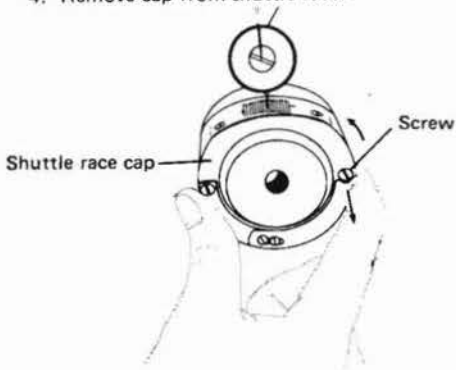


Fig. 5

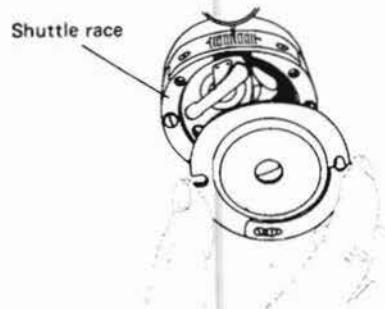


Fig. 6

**TO REMOVE THE BOBBIN**

1. Remove shuttle body from shuttle race.

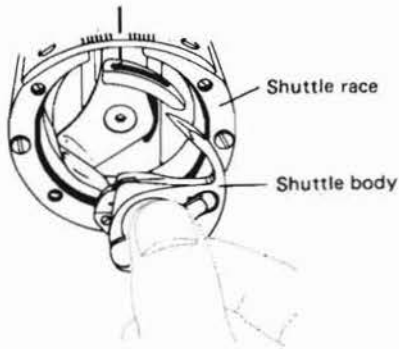


Fig. 7

2. Open shuttle body cover and take out bobbin.

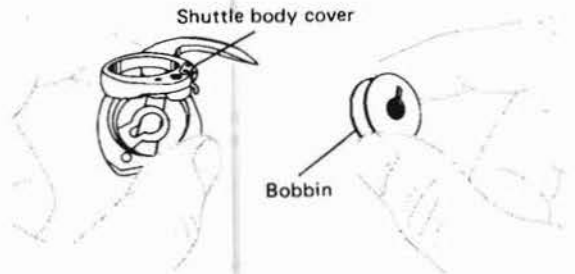
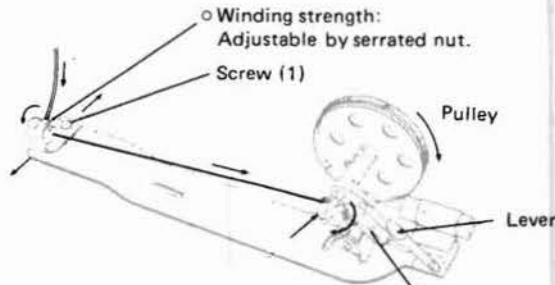


Fig. 8

**WINDING BOBBIN**

1. Place a bobbin on the bobbin winder spindle as far as possible.
2. Lead thread as shown by Fig. 9 and wind several times on bobbin.
3. Press down lever for drive then start machine. Pulley will be disengaged from V-belt automatically after bobbin fills up with thread.



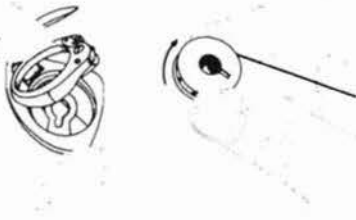
○ Uneven winding:  
Adjustable by loosen screw (1) and move winder to right or to left.

Screw (2)  
○ Winding amount:  
Adjustable by screw (2).

Fig. 9

## THREADING THE SHUTTLE

Fig. 10



1. Hold shuttle in left hand with the open side up as shown and place bobbin into it.

3. Close shuttle body cover.

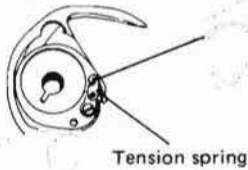


Fig. 12

2. Pass thread into slot as shown.

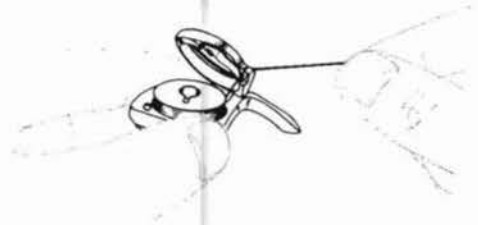
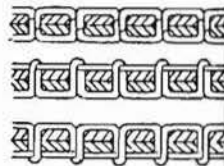


Fig. 11

## THREAD TENSION



Perfect stitching

Tight tension of needle thread

Loose tension of needle thread

Fig. 13

## BOBBIN THREAD

To adjust, turn adjusting screw

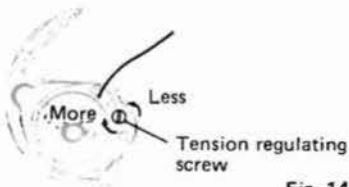
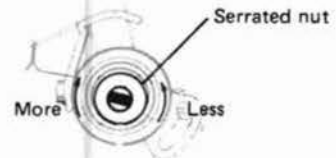


Fig. 14

## NEEDLE THREAD



To adjust, turn serrated nut

Fig. 15

## ADJUSTING STITCH LENGTH (TF-6)

1. To shorten the stitch, loosen thumb screw and move feed regulator downward.
2. To lengthen the stitch, move feed regulator upward.

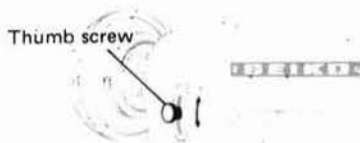


Fig. 16

## (TF-6B)

Loosen the serrated nut and adjust stitch length by lever between F and O marks on the plate. To increase the stitch length in setting to F position and to decrease in setting to O position.

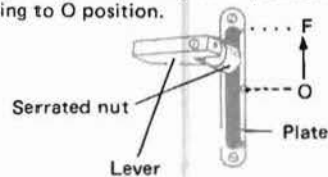


Fig. 17

## REVERSE STITCHING (only TF-6B)

Press down lever as far as it will go.

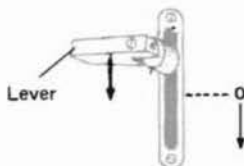


Fig. 18

## TO REGULATE PRESSER FOOT PRESSURE

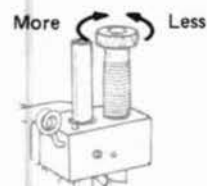


Fig. 19

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

## LUBRICATION

Use white spindle oil. When starting the machine initially and after kept away for a long time without using at all, oil sufficiently to respective necessary parts before starting operation and pre-running. (↓ ..... oiling point)

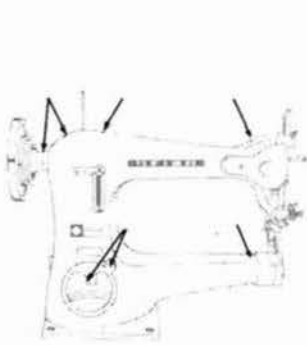


Fig. 20

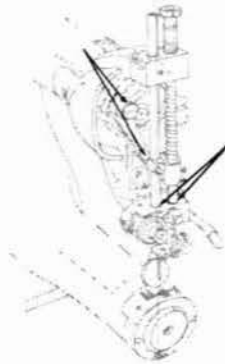


Fig. 21

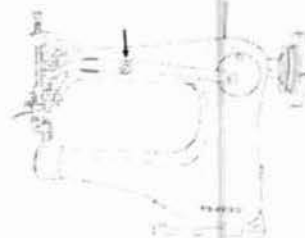


Fig. 22



Fig. 23

## INSTALLATION OF THE MACHINE

1. Set up the table and stand before the installment of machine head.
2. Attach the clutch motor, knee lifter, switch, etc., to under the table.
3. Install the machine head and fix the thread stand, bobbin winder, etc., to the table.

2

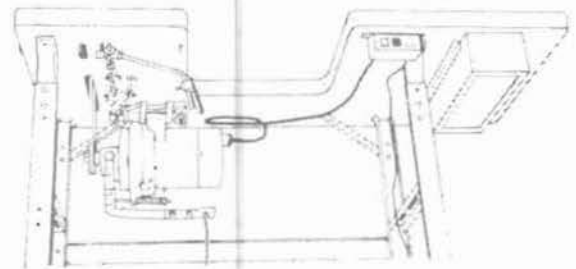


Fig. 24

1

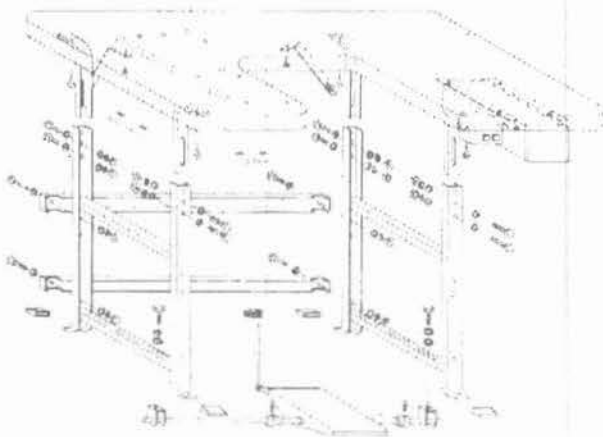


Fig. 25

3

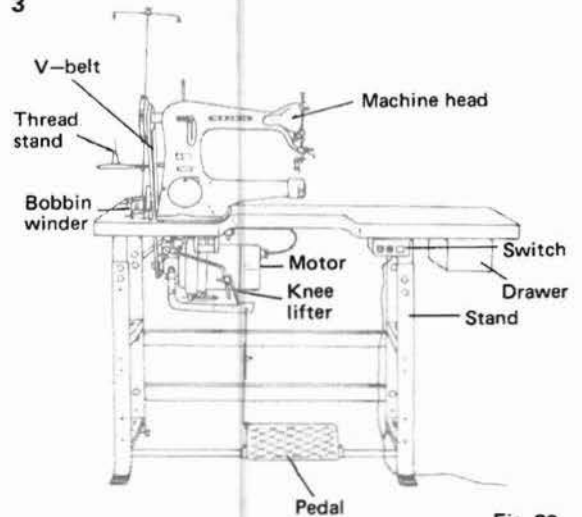


Fig. 26



**SEIKO SEWING MACHINE CO., LTD.**

11-3, Imado 1-chome, Taito-ku, Tokyo, 111 Japan.  
Tel: (03) 872-6171~7, 7288 Telex: 2657148 SEIKO J

Cable Address: "SEIKOSEWING" TOKYO

From the library of: Superior Sewing Machine & Supply LLC