

slot "N" and draw underneath the back of projection "O" on the bobbin case. Draw the thread through until it extends approximately 2 inches = 5 cm out of the

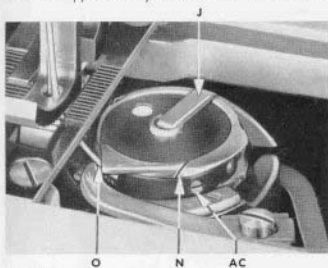


Figure 11
bed slide opening. The bed slide should not be closed completely to allow the thread to be pulled down.

TO SET THE NEEDLE

Turn the machine pulley towards you until the needle bar has reached its highest position. Loosen set screw at the lower end of the needle bar and push the needle to its stop. The long groove should be on the left and the needle eye should be in line with the arm of the machine. Tighten the set screw thoroughly.

THREADING OF NEEDLE THREAD (Figure 12)

With the needle at the highest position, pass the thread from the unwinder through the hole in the

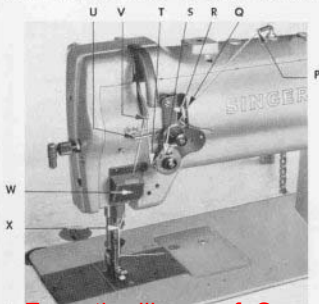


Figure 12

thread guide "P", Fig. 12, which is mounted on the arm cover. From there, pass the thread through the three (3) holes of the thread tensioner guide "Q". Starting with the top hole, thread from right to left, from left to right through the middle hole, and from right to left through the bottom hole. Pass the thread over and between the tension discs "R", from right to left, and wind it under and around thread controller "S" from right to left. It is placed under the controller spring "T" and over the controller projection so that the controller spring holds the thread down. Pull the thread through the thread guide "U" and then from right to left through the eye of the thread take-up "V". Pass it back again through the thread guide "U", lead it behind the oil felt pad "W" and then draw the thread through the thread guide "X", and from left to right through the eye of the needle.

PREPARATION FOR SEWING

Hold the end of the needle thread loose in the left hand. Turn the machine pulley towards you until the needle has made one full stitch and is back to its highest point. By pulling the needle thread, the bobbin thread will come through the hole in the feed dog. Lay both threads underneath the presser feet and close the bed slide completely. Now the machine is ready for having the material placed under the presser feet.

ADJUSTMENT OF THREAD LUBRICATION

(Figure 13)

The oil reservoir for thread lubrication can be filled through hole "Y", Fig. 13, in the face plate. The amount of oil going to the oil felt pad can be adjusted by nut "Z"; for more oil, turn counter-clockwise; for less oil,

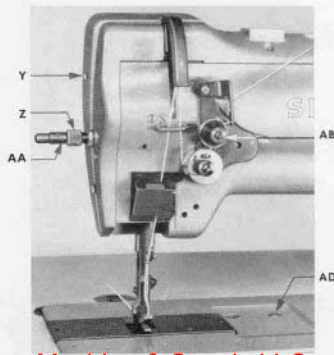


Figure 13