

To Thread the Needle

(Operator Facing Back of Machine)

Pass the thread from the thread unwinder at back of machine, up and through hole (1, Fig. 6) in the cone above the spool pin,

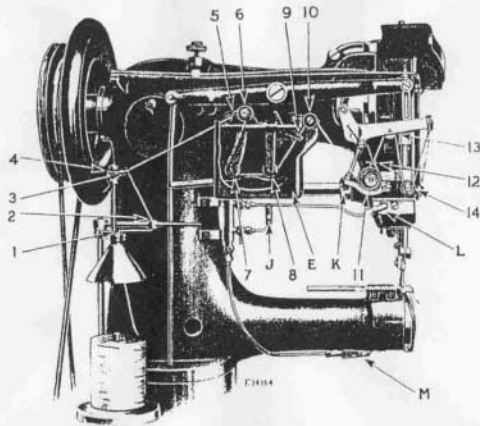


Fig. 6. Threading the Needle

and up through the hole in thread guard (2, Fig. 6). Form a loop with the thread and pass the loop from right to left through thread eyelet (3, Fig. 6). With the right hand, hold the end of the thread and the thread leading from the spool, at the same time, with the left hand, giving the loop one complete turn over toward you so that the thread will be twisted between points (2, Fig. 6) and (5, Fig. 6), then pass the loop around the thread straightener (4, Fig. 6).

Remove the two screws which hold the stripping device into the wax pot (E, Fig. 6) on the back of the machine, and lift out the stripping device. Pass the thread from eyelet (3, Fig. 6) over from left to right through the hole in the wax pot (E, Fig. 6) and

discs (6, Fig. 6) and down under from left to right around roller (7, Fig. 6) at the bottom of the stripping device, and from left to right around the bottom of the right roller (8, Fig. 6). Pull back the lever at the top of the stripping device and hook the thread into the slot in stripper (9, Fig. 6), then pass the thread over from left to right through roller (10, Fig. 6) and place the stripper back into the wax pot, and fasten with the two screws. Have the thread take-up at its lowest position and pass the thread from roller (10, Fig. 6) down under from left to right around tension wheel (11, Fig. 6), passing the thread completely around the tension wheel, then up through tension check spring (12, Fig. 6), over from left to right through roller (13, Fig. 6) on the take-up arm, for this purpose using the thread wire furnished with the machine, down under from left to right through roller (14, Fig. 6), up and from back to front through take-up roller (15, Fig. 7), down back of spring (16, Fig. 7) on the face plate, through thread eyelet (17, Fig. 7), into the hole in needle guide (18, Fig. 7) and through eye of needle (19, Fig. 7) toward the balance wheel. If the thread is not to be waxed, omit the rollers in the wax pot and pass it direct from tension discs (6, Fig. 6) through the roller (10, Fig. 6).

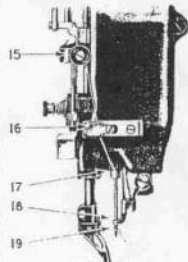


Fig. 7.

Threading the Needle

To Prepare for Sewing

With the left hand, hold end of needle thread, leaving it slack from hand to needle; turn balance wheel over toward you until the needle moves down and then up again to its highest position, thus catching the bobbin thread. Draw up the needle thread and the bobbin thread will come up with it through the hole in throat plate. Lay both threads back under presser foot.

Fill the small chamber in wax pot (E, Fig. 6) with water, then half fill the large chamber with wax, and light the three gas burners (J, L and M, Fig. 6). The machine must be warm enough so that the thread will draw freely through the rollers.

To Commence Sewing

Place the material beneath the presser foot, lower the foot and draw up the balance wheel toward you.