

### To Replace the Bobbin Case

After threading, take the bobbin case by the latch, holding it between the thumb and forefinger of the left hand; place the bobbin case on the center stud of the bobbin case base, release the latch and press the bobbin case back until the latch catches the groove near the end of the stud. Allow the thread to hang free and replace the slide in the bed of the machine.

### To Set the Needle

Push the needle up in the needle bar as far as it will go, with the long groove to the front, and secure it firmly with the set screw.

It may be necessary to turn the needle slightly to the right or left for some threads, if stitches are missed.

Operators are liable to use needles which are too fine. Better results usually follow the use of a needle of a larger size.

### Threading the Needle

(See Fig. 13)

Turn the balance wheel until the thread take-up (12) is at its highest point.

Pass the thread from the unwinder, from back to front through the lower hole (1) in the pin on top of the machine, from right to left through the upper hole (2) in the pin, downward through the left-hand hole (3), upward through the middle hole (4) and downward through the right-hand hole (5) of the thread straightener, down under the guide (6), over to the left between the tension discs (7), around beneath the thread controller (8) and against the pressure of the controller spring into the fork at (9), under the wire guard (10), up through the thread guide (11), from right to left through the thread take-up eyelet (12), down again through the guide (11), through the eyelet in the auxiliary thread take-up (13), back of the guide (14), through guide (15), down through the hole (16) at the lower end of the needle bar, and from front to back through the eye of the needle (17). Draw about two inches of thread through the eye of the needle with which to commence sewing.

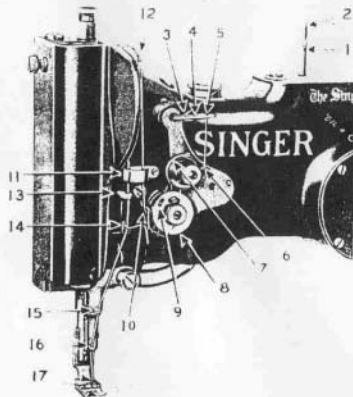


Fig. 13. Threading the Needle

### To Prepare for Sewing

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

### To Commence Sewing

Place the material beneath the presser foot, lower the presser foot and commence to sew, turning the balance wheel over toward you.