

### To Replace the Bobbin Case

After threading, take the bobbin case by the latch (B, Fig. 13), holding it between the thumb and forefinger of the left hand.

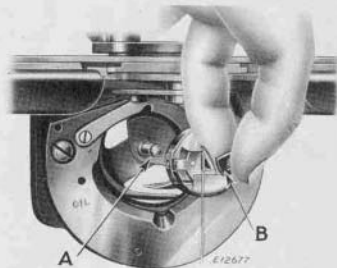


Fig. 13. Replacing the Bobbin Case

Place the bobbin case on the centre stud (A, Fig. 13) of the shuttle body with the position finger opposite the notch at the top of the shuttle race, release the latch and press the bobbin case back until the latch catches the groove near the end of the stud.

### To Set the Needle

Loosen the set screw in the lower end of the needle bar and put the needle up into the bar as far as it will go with its long groove toward you and the eye directly in line with the arm of the machine, then tighten the set screw.

### Upper Threading of Machine

(See Figs. 14 and 15)

Pass the thread from the thread unwinder, downwardly through the hole (1, Fig. 14) in the top of the thread leader post, through the lower hole (2, Fig. 14) in the post, into the thread retainer (3, Fig. 14), through the thread eyelet (4, Fig. 14), around the back and between the tension discs (5, Fig. 14), through the thread eyelet (6, Fig. 14), into the thread guide (7, Fig. 15), down, under and from back to front between the tension discs (8, Fig. 15), up into the thread take-up spring (9, Fig. 15), under the tension thread guide (10, Fig. 15), up and from back to front through the hole (11, Fig. 15) in the face plate, into the wire

thread guide (13, Fig. 15), through the hole (14, Fig. 15) in the lower end of the needle bar and from front to back through the eye of the needle (15, Fig. 15). Draw about two inches of thread through the eye of the needle with which to commence sewing.

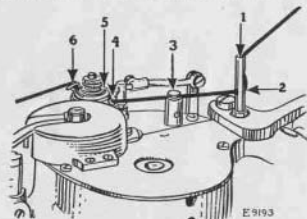


Fig. 14. Upper Threading of Machines

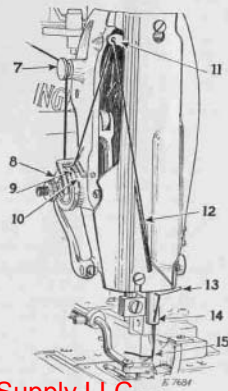


Fig. 15. Upper Threading of Machines