

22-803 and 22-804 REDI-SET ADJUSTABLE BED ROLL ATTACHMENT FOR 18" x 6" PLANER

INTRODUCTION

This attachment provides a method of adjusting both bed rolls of the Planer by a simple turn of the handle. The bed rolls can be raised to a maximum height of .040" for planing rough lumber and then lowered for finishing.

INSTALLATION

1. Raise the planer bed all the way to the top.
2. Insert the four rods (A) Fig. 2, beveled end up, into the holes on underside of bed. Slip springs (B) on rods, install locknuts (C) on the 2" long square head screws (D) and thread screws (D) about half way into the end of the rods, as shown in Fig. 2.
3. Attach rear bracket (E) to underside of bed, as shown in Fig. 2, with two 1-1/4" long hexagon head cap screws and lockwashers. **DO NOT TIGHTEN SCREWS AT THIS TIME.**
4. Slip the two collars (A) on cam shaft, as shown in Fig. 3. **DO NOT TIGHTEN SCREWS IN THE TWO COLLARS.** Slip front bracket (B) Fig. 3, on cam shaft as shown.
5. Insert end of cam shaft in the rear bracket (C) Fig. 3, and attach the front bracket (B) to the underside of the bed using two 1-1/4" long hexagon head cap screws and lockwashers. Tighten screws that attach brackets (B) and (C) to underside of bed.

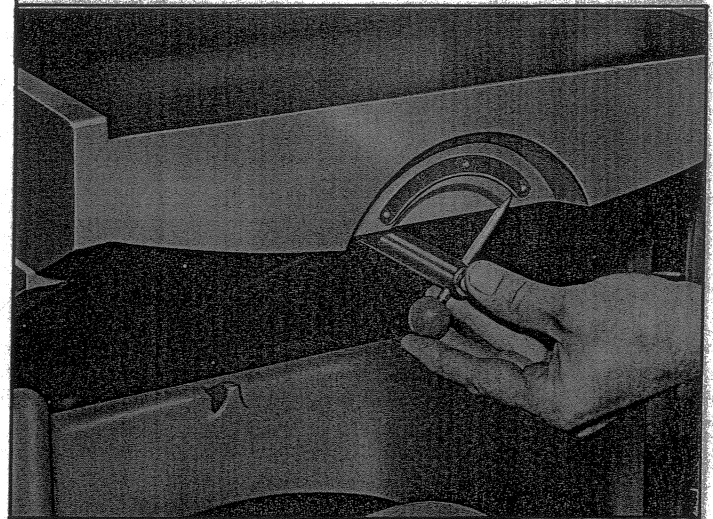


Fig. 1

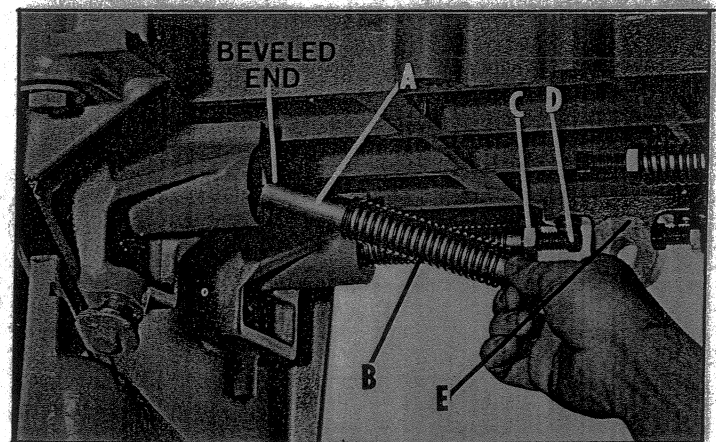


Fig. 2

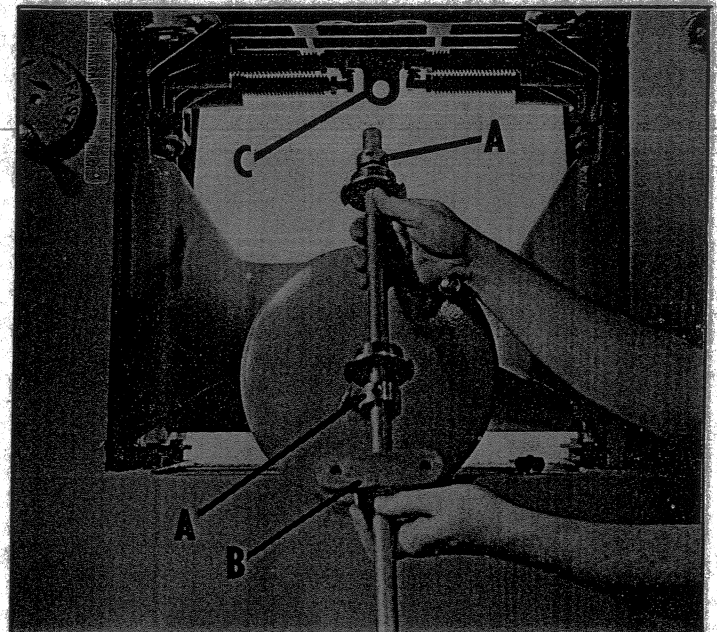


Fig. 3

6. Position cam shaft (A) Fig. 4, so cams (B) line up with square head screws (C). Then position the two collars (D) against the inside of the front and rear brackets and tighten the set screws in the collars to hold the cam shaft in place.

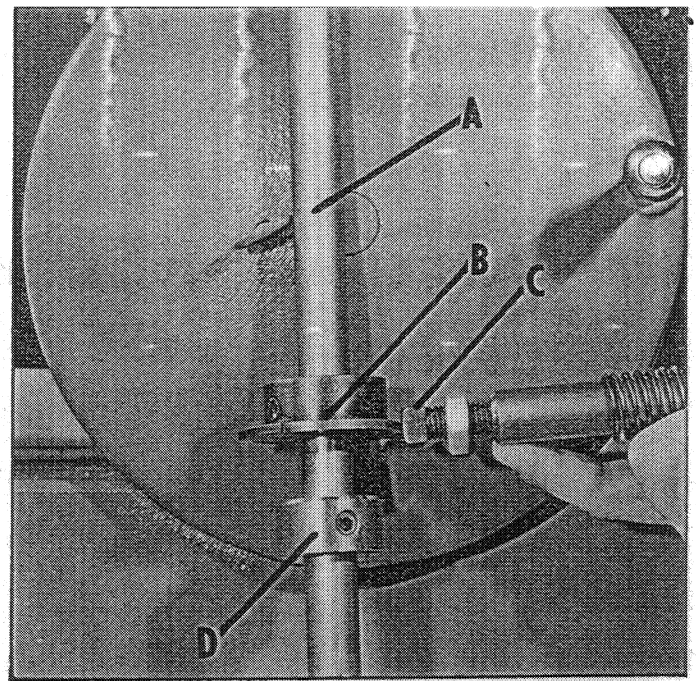


Fig. 4

7. Attach the height scale (A) Fig. 5, using the three drive screws. Insert pointer (B) in hole in cam shaft, screw on knob (C) and install round head screw (D) Fig. 5.

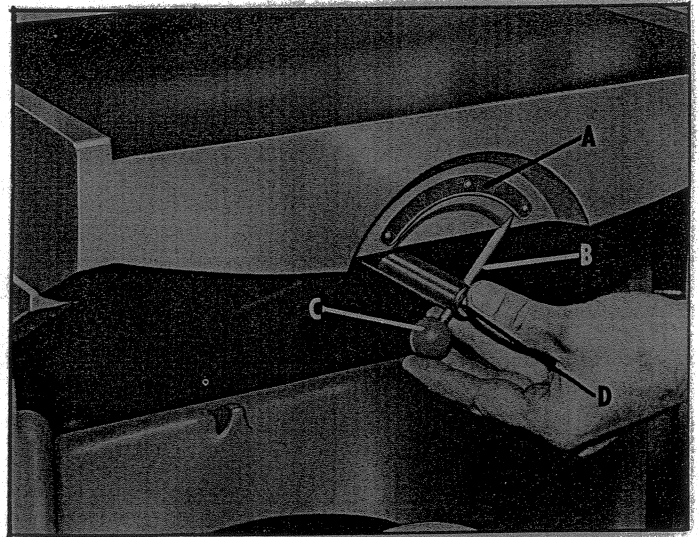


Fig. 5

8. Loosen locknuts (A) Fig. 6, and back out the four square head screws (B) under bed roll bearing housings until the bed rolls are below the surface of the bed.

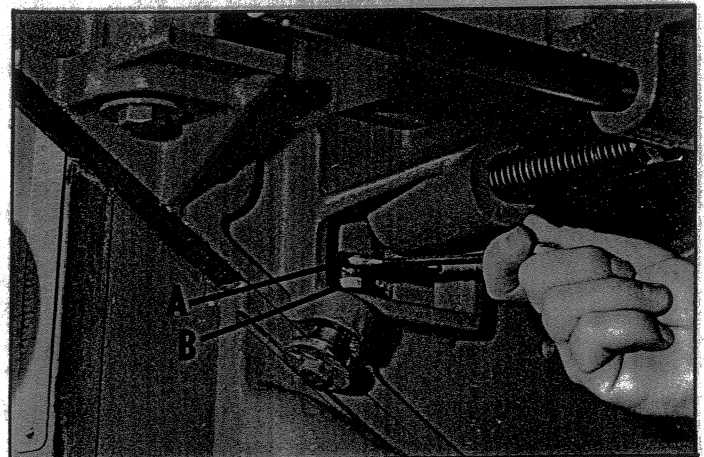


Fig. 6

9. Place a straight-edge over both bed rolls, as shown in Fig. 7.

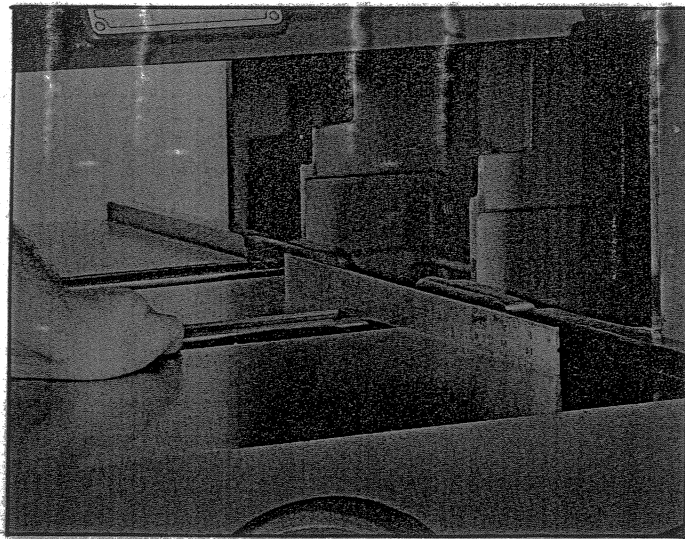


Fig. 7

10. Set pointer (A) Fig. 8, at the 0 mark on the scale, and unscrew square head screws (B) in rods until they touch cams (C). Continue to unscrew the four screws (B) until the bed rolls just touch the straight-edge. With the straight-edge across the bed rolls, and while you are backing out the screws raising the rolls, turn the rolls by hand until the straight-edge just starts to move.

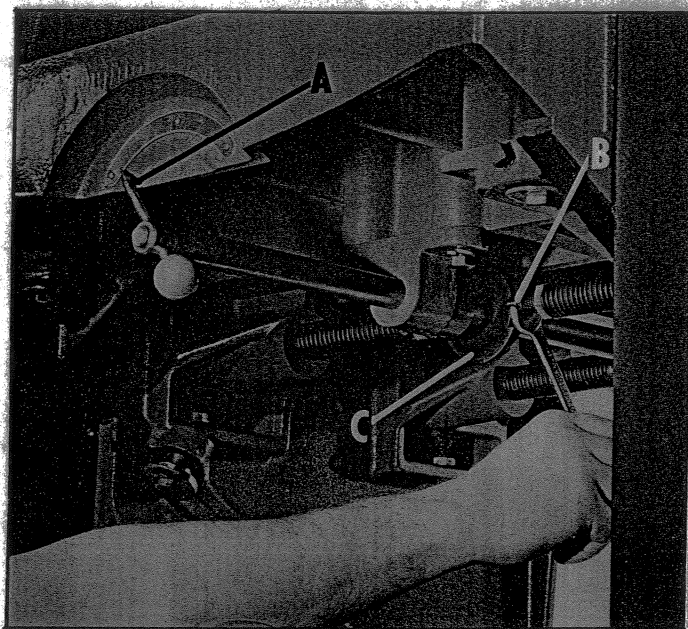


Fig. 8

11. NOTE: As the square head screws are backed out of the rods and against the cams, they will push the rods toward the bed roll bearing housings. (The housings have a beveled surface similar to the end of rod.) This will cause the housings to move upwards lifting the bed rolls, as shown in Fig. 9.

12. Adjust all four rods and when both bed rolls are even with the bed, tighten the four locknuts.

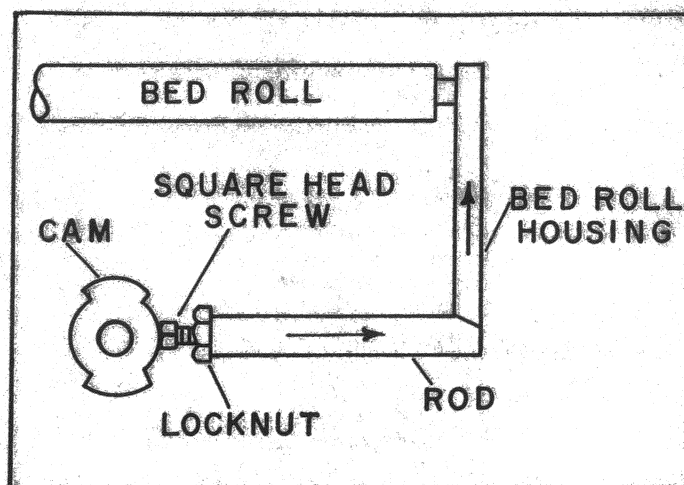


Fig. 9

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