

TO ADJUST FEED DOG HEIGHT

1. Set stitch regulator at 8 stitches per inch
2. Turn hand wheel over toward you until feed dog is at its highest point
3. Loosen nut N3, Fig. 14, and turn screw P3 to left or to right until teeth of feed dog project .043" above throat plate as shown at Y3, Fig. 13
4. Keeping screw P3 in position with a screwdriver, tighten nut N3, Fig. 14

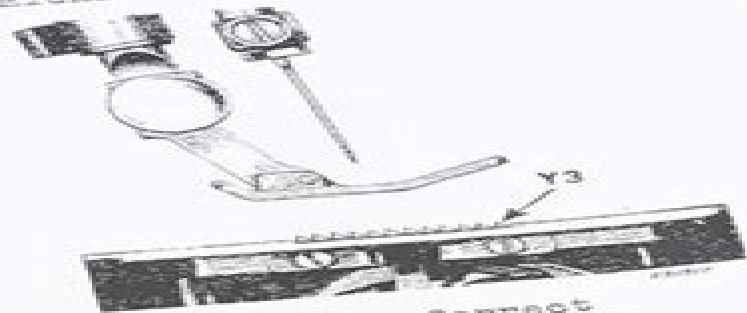


Fig. 13. Correct Height of Feed Dog

TO ADJUST FEED DOG LENGTHWISE IN THROAT PLATE SLOTS

1. Check feed dog height as described above
2. Remove bottom cover plate, motor hold down plate and motor
3. Loosen nut N2, Fig. 14
4. With a screwdriver, turn eccentric stud P2 to adjust lengthwise position of feed dog teeth
5. When proper adjustment has been obtained, hold eccentric stud P2 in position with a screwdriver while tightening nut N2

NOTE: On Machines of Class 301 having a split rock shaft, this adjustment is made by loosening clamping screw Q2, Fig. 15, turning rock shaft R2 until proper feed dog adjustment is obtained, and then tightening clamping screw Q2.

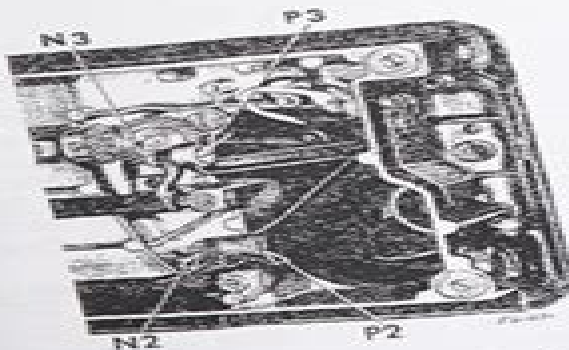


Fig. 14. Adjusting Feed Dog (Machine Having Standard Feed Rock Shaft)

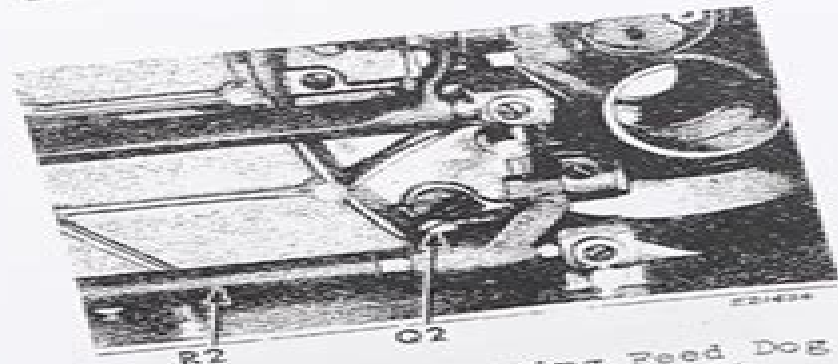


Fig. 15. Adjusting Feed Dog (Machine Having Split Feed Rock Shaft)

Singer Featherweight Adjusters Manual

**Carmon Henry, April Henry, Christian
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