

Grinding the shoe using the No. 8050 Universal Brake Shoe Clamp shown in Figure 15 is similar to the procedure for using the No. 8250 Fixed Anchor Clamp. Rotate the Handle clockwise 1/8 turn at a time, moving the Handle from side to side until the entire surface of the shoe has been reconditioned by the Abrasive Belt.

Periodically check the calibration of the Model 890 Brake Shoe Grinder. Refer to Figure 16. To do this:

1. Unlock the Slide. Set it at the 6" setting.
2. Set Micrometer Dial at zero.
3. Put the No. 9632 Calibration Pin through the hole in the Slide. (The Pin is 3/16" in diameter.)
4. Turn the Dial gently back and forth until the Pin drops through under slight pressure.
5. At this point the Dial should read zero, and the calibration is correct.

IF A CORRECTION IS REQUIRED

1. Lock the Slide with the No. 9632 Calibration Pin in place.
2. Loosen both set screws in the Micrometer Dial until the Dial is free.
3. Turn the Micrometer Dial to zero. Use a screwdriver to hold the Micrometer Screw forward against the Slide Key and tighten both Dial Set Screws evenly.
4. Release the Slide Lock. Remove the Calibration Pin and recheck the dial reading.

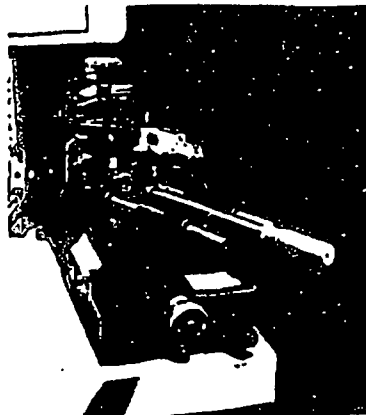


Figure 15 - Grinding a brake shoe with the No. 8050 Universal Brake Shoe Clamp

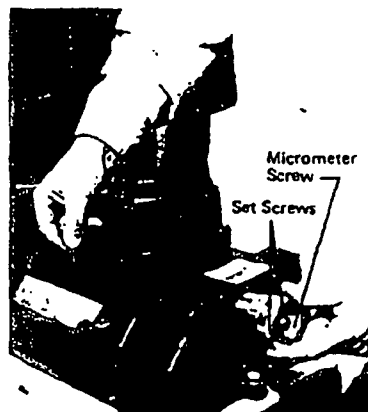


Figure 16 - Inserting No. 9632 Calibration Pin to check calibration of Model 890 Shoe Grinder

Study this manual carefully until you are thoroughly familiar with the procedure for grinding brake shoes.

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