

WURLITZER

Electronic Piano Notes

Your questions or comments on

"Electronic Piano Notes" are welcome at any time.

Issued by Wurlitzer Service Dept., DeKalb, Illinois

NO. 12
DATE May 1, 1959
TITLE Simplified Regulating
Procedure for E. P.
Actions

Model 112 (Wood & Brooks Action)

1. Establish key height - should be $1\frac{13}{32}$ " from top surface of key - frame.
2. Level keys to above key height, but maintain $\frac{3}{8}$ " key dip on naturals, $\frac{5}{16}$ " key dip on sharps.
3. Check bar height - should be $4\frac{15}{16}$ ", both bass and treble.
4. Adjust capstans just to lost motion. This should give a blow distance of approximately $\frac{7}{8}$ " measured from tip of hammer to reed.
5. Adjust let off so that the hammer comes to approximately $\frac{1}{8}$ " from reed with $\frac{1}{32}$ " after touch.

Model 112A, 120, 700 (Pratt - Read Action)

1. Establish key height - should be $1\frac{15}{32}$ " from top surface of key - frame.
2. Level key to above height - maintain $\frac{13}{32}$ " key dip on naturals and $\frac{11}{32}$ " key dip on sharps.
3. Check bar height - should be 5" in the bass, $4\frac{15}{16}$ " in the treble.
4. Adjust capstans so that the tip of the hammers are approximately $1\frac{13}{16}$ " from the reed or $3\frac{13}{16}$ " from the key bed.
5. Adjust let off so that the tip of the hammer is approximately $\frac{1}{8}$ " from the reed in the treble, $\frac{3}{16}$ " from the reed in the bass with $\frac{1}{32}$ " after touch.

Note: This is a simplified procedure and is not to conflict with, or take the place of the service manual. For answers to further questions or details, refer to your service manual.

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Piano Note No. 4

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SHRINKING SOLUTION

For many years we have recommended the use of a water and alcohol solution for treating sluggish action centers.

However, for the past year we've been using a different solution and have found it to be superior to the alcohol/water mixture. The new solution consists of eight (8) parts naphtha and one (1) part mineral oil.

The advantages of the naphtha/mineral oil solution are:

1. Very fast drying.
2. Instant shrink. No need to wait overnight for action centers to dry.
3. No ill affects on flange screws or hammer travel.
4. Tests have shown that centers treated with naphtha/mineral oil will remain functional when submitted to high humidity conditions after the treatment.

While naphtha should be handled with care it shouldn't require any more precautions than were needed with alcohol.

Again, the mixture is: naphtha - 8 parts mineral oil - 1 part.

