

The Erwin Key Dip Gauge-

-This uniquely designed tool will fit between the under side of the key & the front rail punching. (see fig2).

-The gauge now comes in two sizes: .375 and 10 mm (.393)

-The beauty of this gauge is that it is a perfect visual & kinesthetic tool. For example, if the gauge is inserted under the key without it rising and without a discernable tap when lightly finger tapping the key top the key dip is .375.

-.375 is minimal key dip/travel in most pianos. Many pianos work well at a .390 key dip. To achieve this, the gauge can be inserted under the key. Remove or add punchings until a slight tapping sound is heard. To verify this slip a .015 punching on top of the felt & then insert gauge & the key should neither rise nor tap.

i.e. $.375 \text{ plus } .015 = .390$

-Another way is to accomplish this is to wrap a piece of masking tape once around the barrel of the gauge enlarging the overall diameter of the barrel to a spec of .390. To check, insert the gauge. Rise or key tap should be absent.

-The other simple beauty of this gauge is the ease of dipping sharps accurately as key dip blocks are not applicable on sharps. Dip the sharps using the same protocol as on the white keys. Often blacks dip a bit further.

-I have used this gauge for 40 years. My father, Harold Erwin designed it and a very accurate, consistent dip can be achieved with confidence.



Figure 1



Figure 2

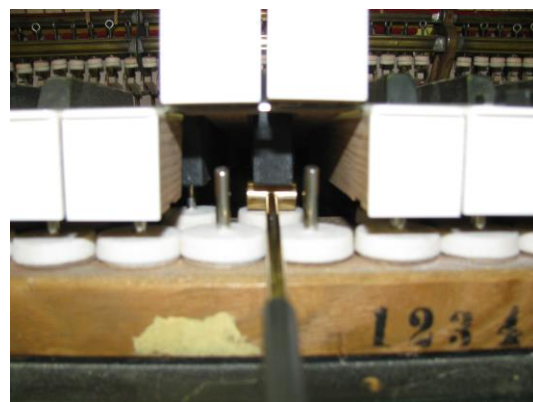


Figure 3