ADJUSTMENT OF COUNTER ASSEMBLY (VERNIER ASSEMBLY)

FOR BALANCES WITH SERIAL NUMBER 21639 & UP

If in rotating the hand wheel on the lower base it appears that the counter is stiff, there is a possibility that the bearing in the lower sidewall has shifted, causing the binding.

The adjustment of the bearing can be made as follows:

1. Remove the crank by loosening the set screw in the outer circumference of the aluminum portion of the crank assembly.
2. The outer bearing is fixed in position by means of two small screws. Loosen these two screws slightly.
3. Replace the crank.
4. Rotate theccrank several times to see if the bearing will "find its level" and the assembly operate freely.
5. If at this point the crank operates freely, remove the crank and tighten the two screws holding the bearing.
6. Replace the crank.

Should you find that when loosening the two screws, the counter assembly works freely, but when the screws which hold the bearing in position are tightened the binding reoccurs, it could indicate that the shaft has been bent and it is necessary to replace the entire assembly.

On the model ET-1 balances, you will note that when the cover is removed that there are two screws in the rectangular block holding the bearing. By loosening these two screws, the position of the shaft bearing can be adjusted.