

# *CARLTON CLOCKS LTD.*

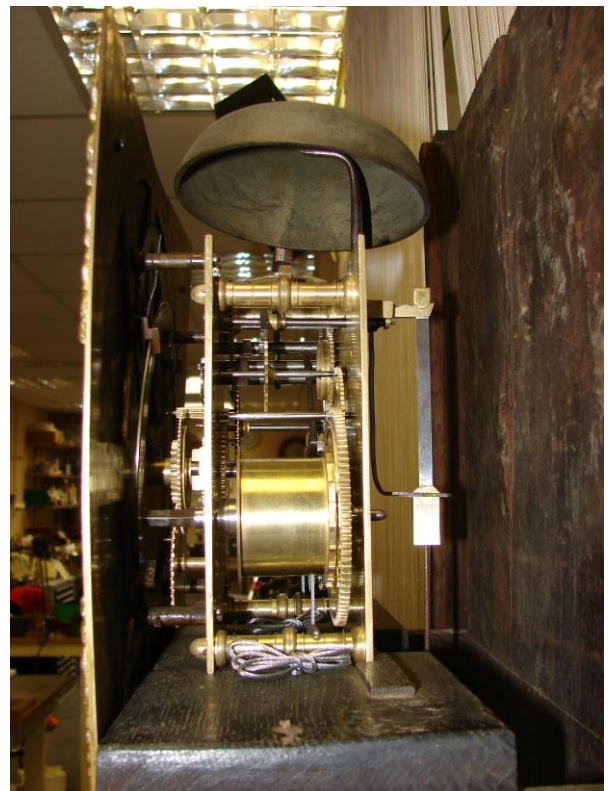
## *CLOCK RESTORATION & SALES*

### **INSTRUCTIONS FOR LONG-CASE CLOCK SETTING UP**

- 1) Put trunk in position against a wall and, ideally screw to the wall, using the holes already drilled. Try to set the case so that it sits correctly to a spirit level as shown in the photo. You may need some packing between the case and wall if you have a large width skirting board.



- 2) Place movement / dial on the cheeks.  
With one person holding the dial steady, place the pendulum in position. It needs to be fed through the crutch from below and the suspension spring passes through the slot above, the very top brass section being allowed to rest on the cheeks of the slot.  
Check to make sure the pendulum is not touching the back of the case as it swings. If it is, adjust the case stance to suit.



3) Hanging the weights:-

Take the left cable / pulley.

Line the cable around the pulley.

Hang the larger weight on and gently lower the weight / pulley down into the case

Repeat with right cable / pulley and smaller weight.

Wind up both sides fully, until the pulleys gently touch the seatboard.



4) Set the pendulum swinging so that it only just ticks. Hopefully the time between ticks should be the same. If it is it will be "in beat" and the clock should work. If it is not we may have a problem so phone me. (01494 763793)

5) Move the hands around using the minute hand. Go past 12 and allow the clock to strike the number indicated. Move on until the correct time is shown, always allowing the clock to finish striking.

6) Set the date by moving the large date disc, positioned behind the dial, manually forward. If it won't move, the clock will be in the middle of moving the disc itself, so wait three hours and then move on. If it changes during the day and not the night, move the hands forward 12 hours. This is on a 24 hour mechanism and this will then move during the night.

7) If the bell is not being hit by the hammer head or hits the bell producing just a dull thud, **bend** the hammer arm so that the hammer head has a small gap between it and the bell (as shown), when the hammer is in its resting position.

This is just trial and error.

8) Put the hood on.

9) To regulate:

To make the clock go faster, screw nut on pendulum up.

" slower, " down.

Again, trial and error, half a turn at a time.

10) Wind the clock up once a week.

11) When you go away on holiday, stop the clock if you know you won't be able to wind it up.