

CARLTON CLOCKS LTD.

CLOCK RESTORATION & SALES

Instructions for setting up the Vienna Timepiece

Remove the clock mechanism from the case by undoing the two securing screws located below and behind the dial. Be careful when you start to remove the second screw as the mechanism / dial will be completely loose and will try to fall, so make sure you keep hold of it.

Mark the appropriate position on the wall. Drill and plug the wall, and hang the clock. The hanging plate is located on the back of the clock.



Adjust the case position on the wall so that it is similar to that shown in the photo using the spirit level. The case isn't square after all these years, so the angle on my wall that looked best is when the spirit level was placed on the back left section as shown. If you prefer a different angle that's fine, but you are likely to have to make an adjustment. The clock is set up in beat for the angle shown.

At this point you can fix the bottom of the case to the wall by using the lower hanging plate. Ideally use the screw provided. This hanging plate will be hidden when the bottom finial is placed back in position.

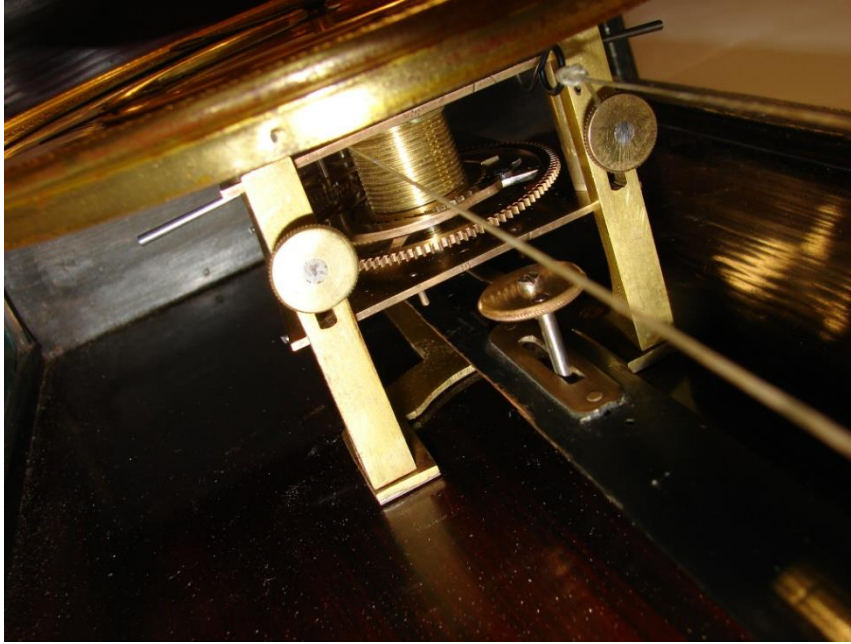


Hang the pendulum on the suspension spring fixed to the top of the mounting bracket.

Re-fix the mechanism back into the case using the two screws making sure that the steel crutch pin is positioned through the slot in the pendulum. Make sure that the dial looks parallel to the glass.



Hang the weight onto the pulley.



Wind up half a turn only using the key provided. Turn the key clockwise.

If you have chosen a different angle on the wall from that shown you will now have to make an adjustment to put the clock in beat. This is quite simple. The round brass disc with the crutch pin is a tight friction fit and can be rotated. The amount of rotation you will need will be very small, almost certainly less than 2 mm. This will be a trial and error situation, whether to turn left or right and by how much. Try very small adjustments at a time. You can do this with mechanism in the case with the weight still on, by reaching up inside the clock to the brass disc. The time between each tick has to be the same. Give the pendulum the shortest possible swing to gauge this.

Often when you remove these movements even though it was in beat prior to removal they don't go back into the exact same position as they started. So you may well need to make this adjustment even though you have positioned the clock as per the photo.

Let the clock test for 20 minutes once you have made the final adjustment before you wind the clock fully. Wind the clock until the top of the pulley reaches the bottom of the dial and no further.

To adjust the timekeeping use the rating nut at the bottom of the pendulum.

Try one turn at a time:

Up to speed up.

Down to slow down.

Don't shut the door with the key still in position!