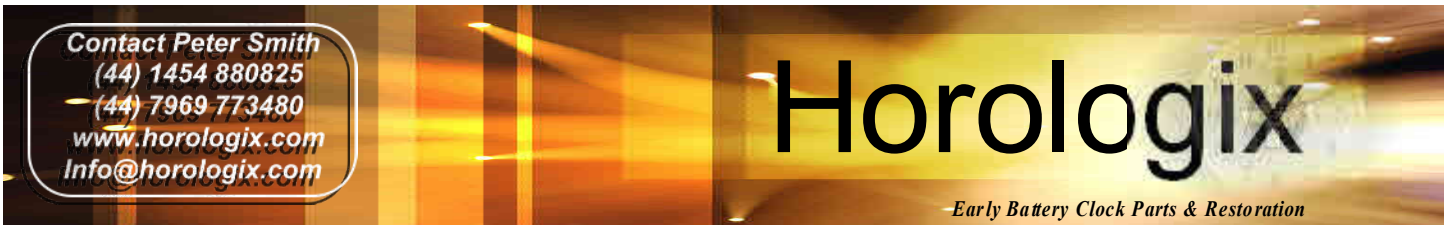

Bulle Clock Serial Number 125374

Restoration of Bulle Clock Serial Number 125374.

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Bulle Clock Serial Number 125374

A short XC Bulle movement in an Oak mantle case. Only the pawl movement can be seen from the front through the hole in the centre of the dial. The pendulum has no such viewing aperture. The clock was partly disassembled on delivery with the suspension electrical contact components supplied in a separate bag. The dial looks to be in good condition with no major marks or blemishes. The hands though are slightly twisted and will need painting.. The short Bulle movement's pendulum beats at 10080 Beats Per Hour (about 0.357 seconds per beat).

The photos of the restoration of this clock with kind permission of the owner.

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Early Battery Clock Parts & Restoration

Bulle Clock Serial Number 125374

The photo above shows the bag of parts supplied with the clock.

The photo at top right shows the label attached to the inside of the rear door. These model numbers probably refer to the entry in the catalogue current at the time.

The last photo shows the damage to the veneer at the rear of the top. This has happened a long time in the past as the carcass is quite black with dirt. This would be much cleaner if it damaged within recent years. We should be able to straighten the ragged edges and insert a piece of new veneer and colour it up to be a reasonable match. Certainly enough to make much less obvious.. The case will then be polished using "0000" grade wire wool and a stained wax polish.

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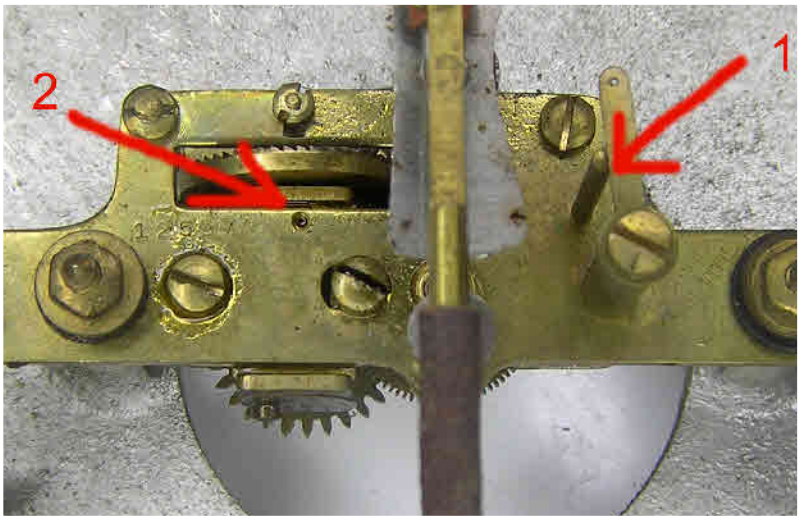

The photo at top left shows a small threaded hole immediately under the count wheel (2). This should have a long thin banking pin screwed in here that restricts the swing of the pendulum to the left. It's twin brother can be seen on the right hand side (1). This will need to be replaced.

The next photo shows one of the insulating washers covered in oil. Most of the clock was saturated with the stuff. All this will need to be removed. Some washers are of fibre and these will need to be cleaned very carefully. Either that or replaced.

The final photo at left shows the right hand magnet retaining screw that is broken just below it's head. This will be replaced.

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The photo top left shows the broken magnet retaining screw next to the undamaged one.

The pendulum at left is bent at the top suspension bracket..

The contact pin is also bent and will need straightening.

This clock must have had a hard life at some time?

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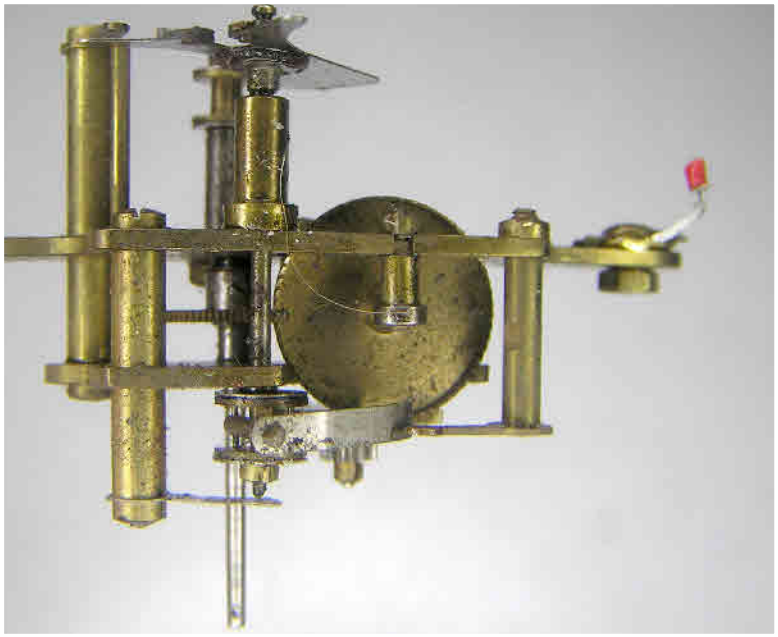

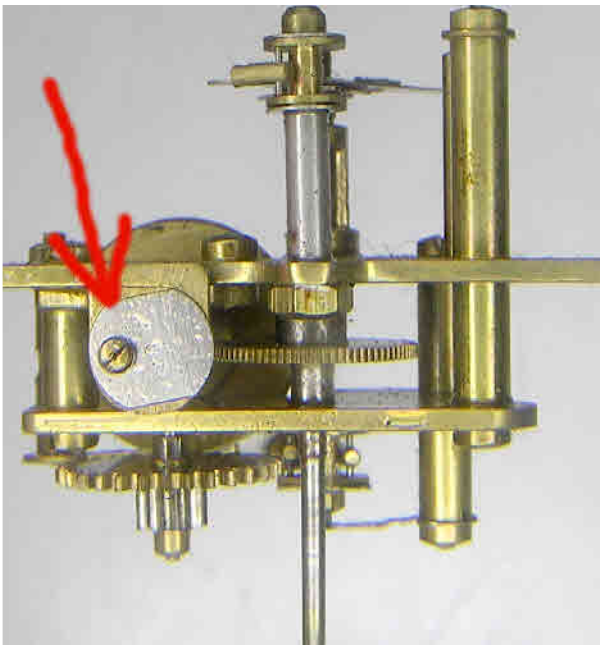

The top left photo shows the general state of the movement. Very heavily contaminated with old gummy oil.. Under the movement (above) is a hardened steel plate which acts as an end stop the the vertical count wheel arbour. The style on this clock is wrong as it is normally of a smaller thicker steel with two screw holes. We'll soon find out when we removed it..

The fork is well worn as can be seen at left. Both contacts will need replacing. If the clock was not so contaminated with oil then the fibre looks as though it would have been good enough to keep as there is not much ware evident..

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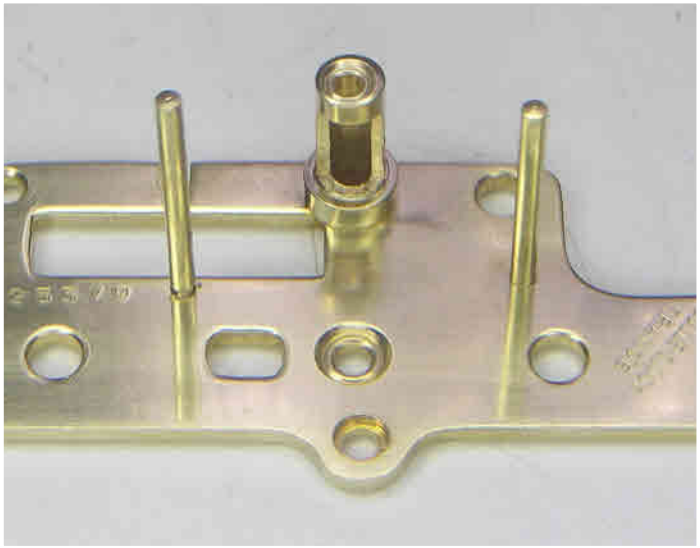
These two photos show the top of the pendulum rod before and after straightening..

The photo above shows the new end stop plate for the count wheel. Note that this design has two screws. The original plate must have gone walka-bout at some time in the past and a plate from different movement used as a replacement.



The new pendulum banking pin partly screwed in.

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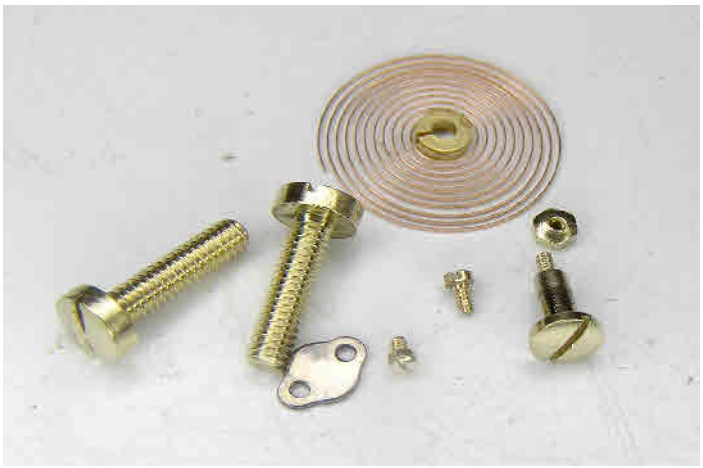

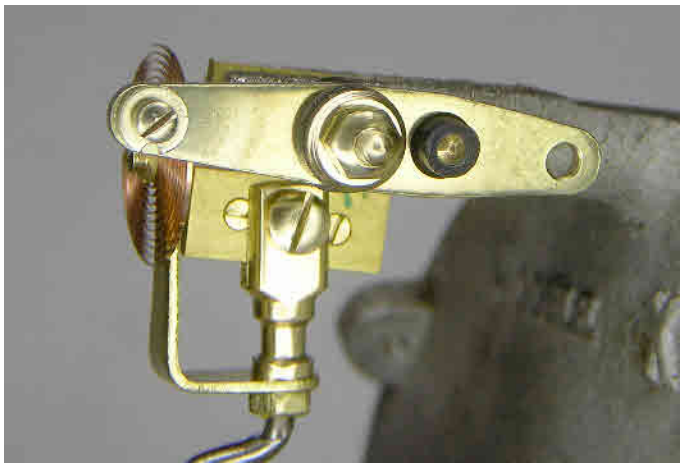

The photo at top left shows some of the replacement parts.

Top right shows the new pendulum contact assembly plate in position. The original had been cut in half for some reason?.

The last photo shows the top of the case with the small veneer insert coloured to match the existing wood.

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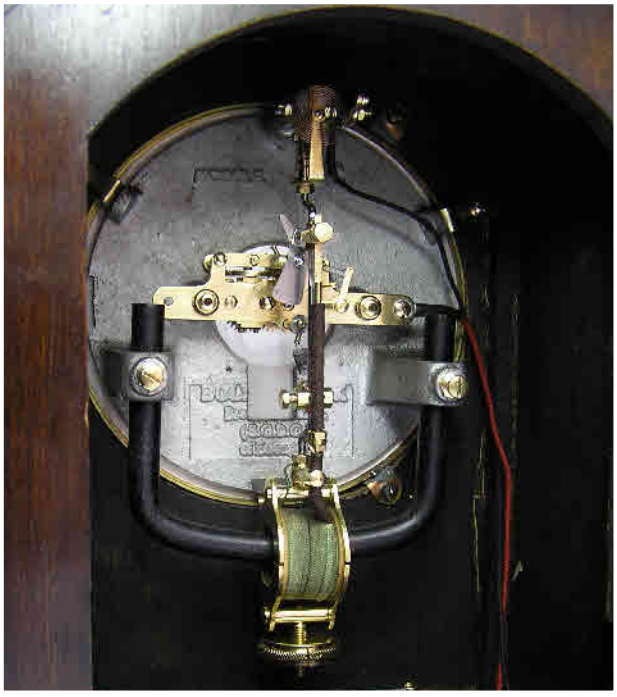

The completed clock.

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