

Horologix



The place to come for all your Bulle and Eureka restoration parts.

Contact Peter Smith
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Bulle Clock Serial Number 12019

*Restoration of Bulle Clock
Serial Number 12019*

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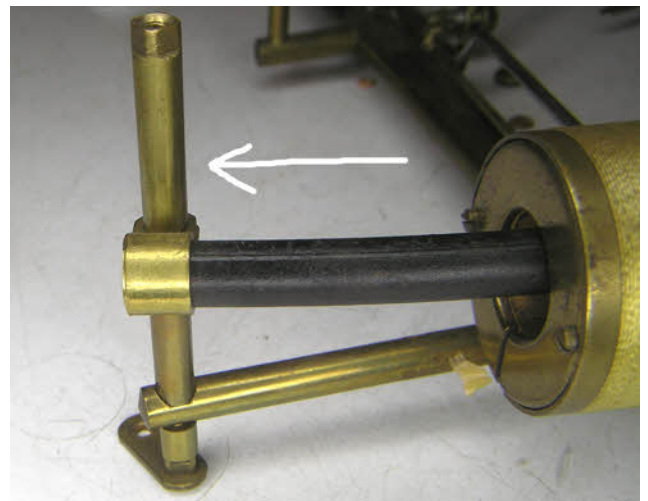


Photos by kind permission of the owner.

The clock as delivered.

This clock is an early model and exhibits all the characteristics of a full fplate box movement. The dial, hands and case were not delivered with the clock. Unfortunately the movement has been partially disassembled and there are two small plastic containers with some of the components inside. I hope all the missing parts are there.

One strange thing to note is the way the magnet is secured to the frame. Note that instead of the familiar pan head screws, this clock has extra pillars. I cannot fathom out where these come from or in which clock they would fit with the movement configured this way. They will be removed and replaced with the normal screws.



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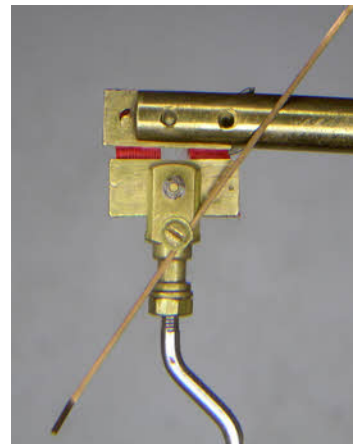
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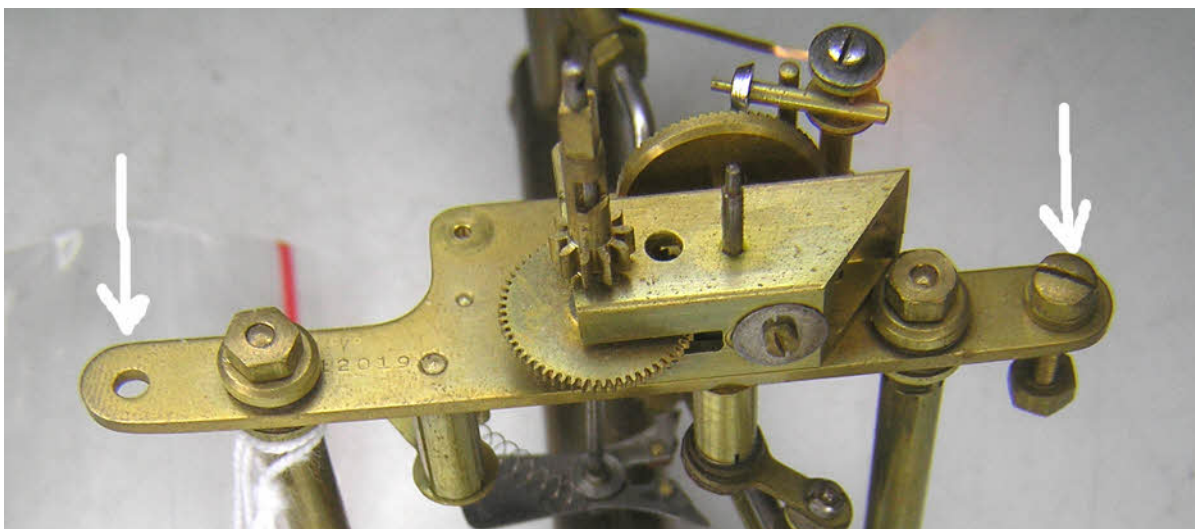


Front and rear of pendulum casing showing the disintegrating cord. The large stain on the back seems to be super glue or similar. It is rock hard and crumbly. Note the wire coming from the coil to the casing?

The photo at lower left shows that the pendulum rod and rating screw are somewhat out of line. It's probably just that the pendulum rod is loose.



In this photo we see the pendulum suspension which looks to be complete except the two blued steel steadying screws.



This photo shows that the dial support pillars are missing. These will be replaced.

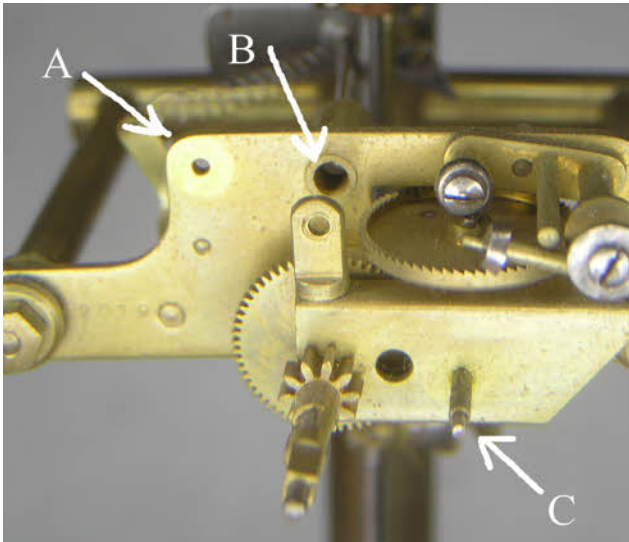
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This photo shows the missing arbour (A that carries the steel stop piece for the fork arbour(B).. Both of the items were in the plastic containers. The motion work retaining piece (C) was not found though and a new one will be made.



This photo above shows the rusted worm. This will clean up well with the application of a fine rotary wire brush.



The coil (left) after removal from the pendulum casing. This doesn't look good as the masking tape is modern and if left for too long will prove difficult to remove without damaging the coil wire..

At right is a photo of the stop piece arbour and parts for the fork arbour which were found in one of the plastic containers.. There is a nut missing, a replacement for which is shown below.



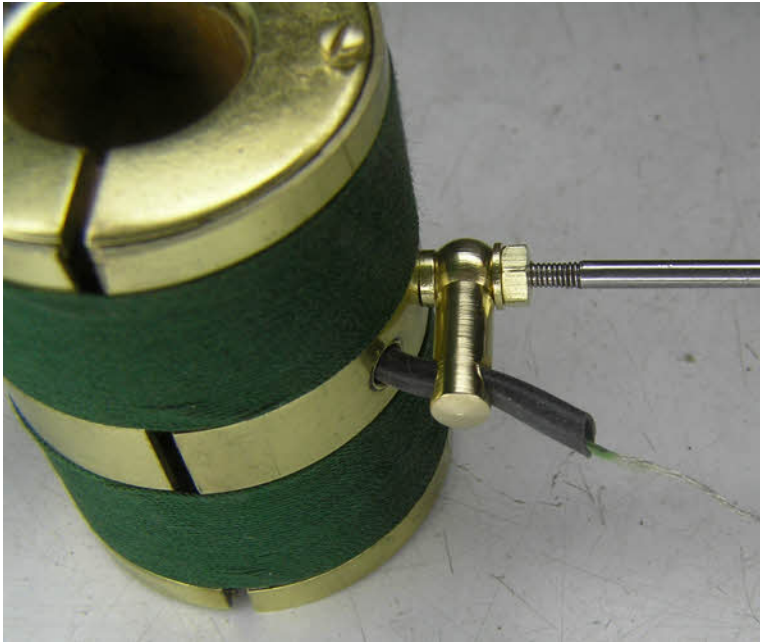
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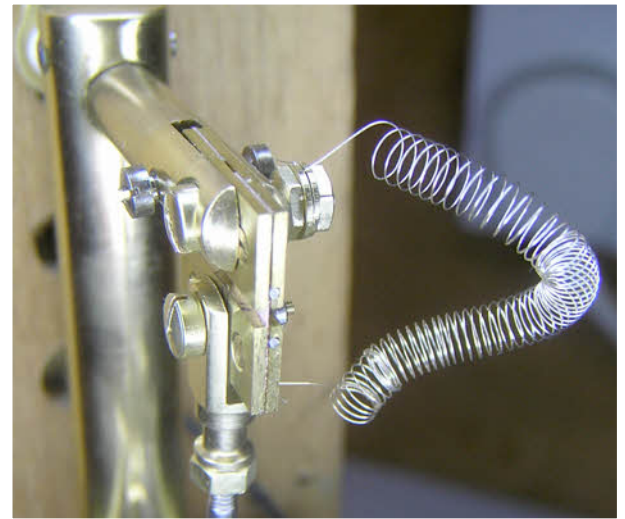
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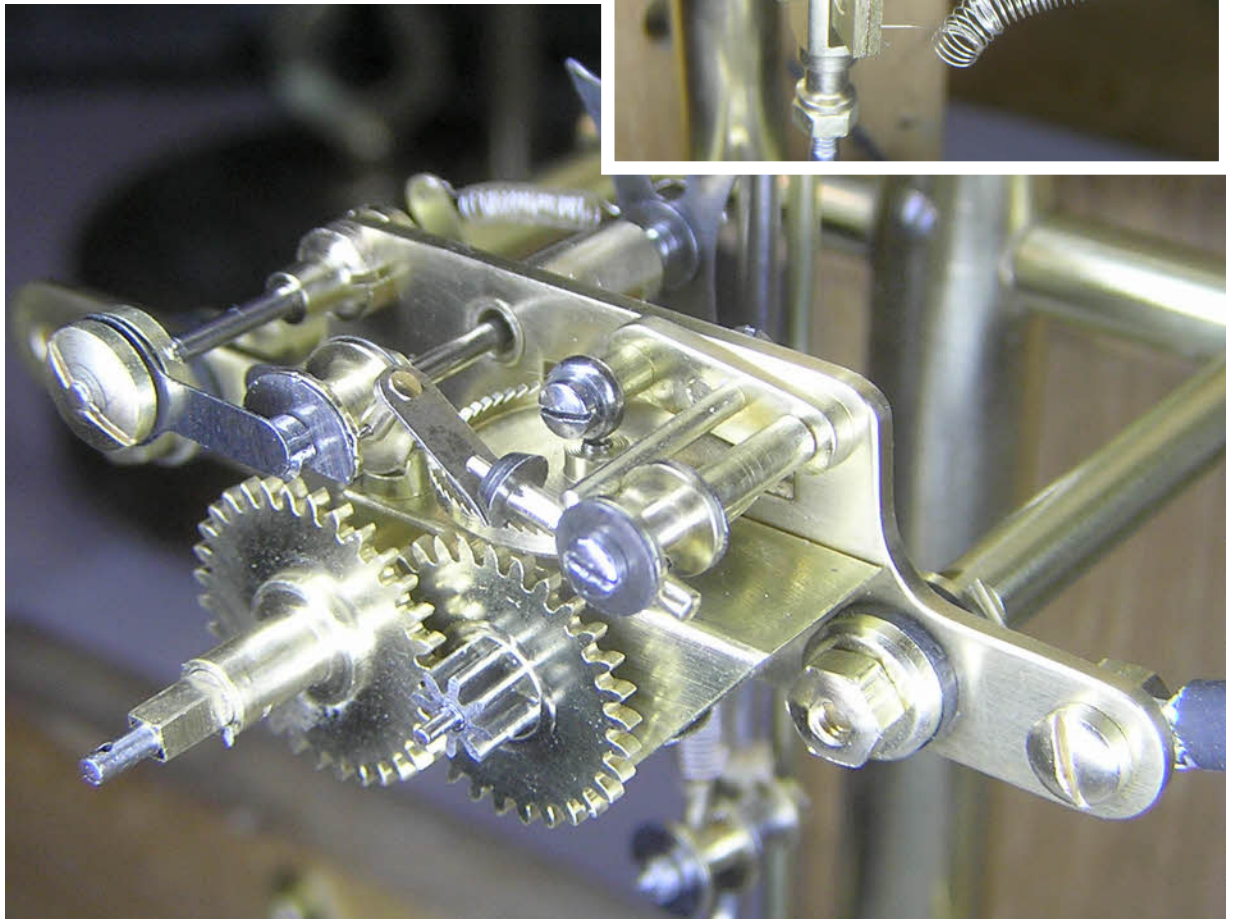


The coil was checked after removing the masking tape and found to be giving a good 1200 Ohm resistance. So all I needed to do was attached new lead out wires and wrap in brown paper before installing back into the newly cord bound Cover.

Below is the new suspension and spring contact wire.



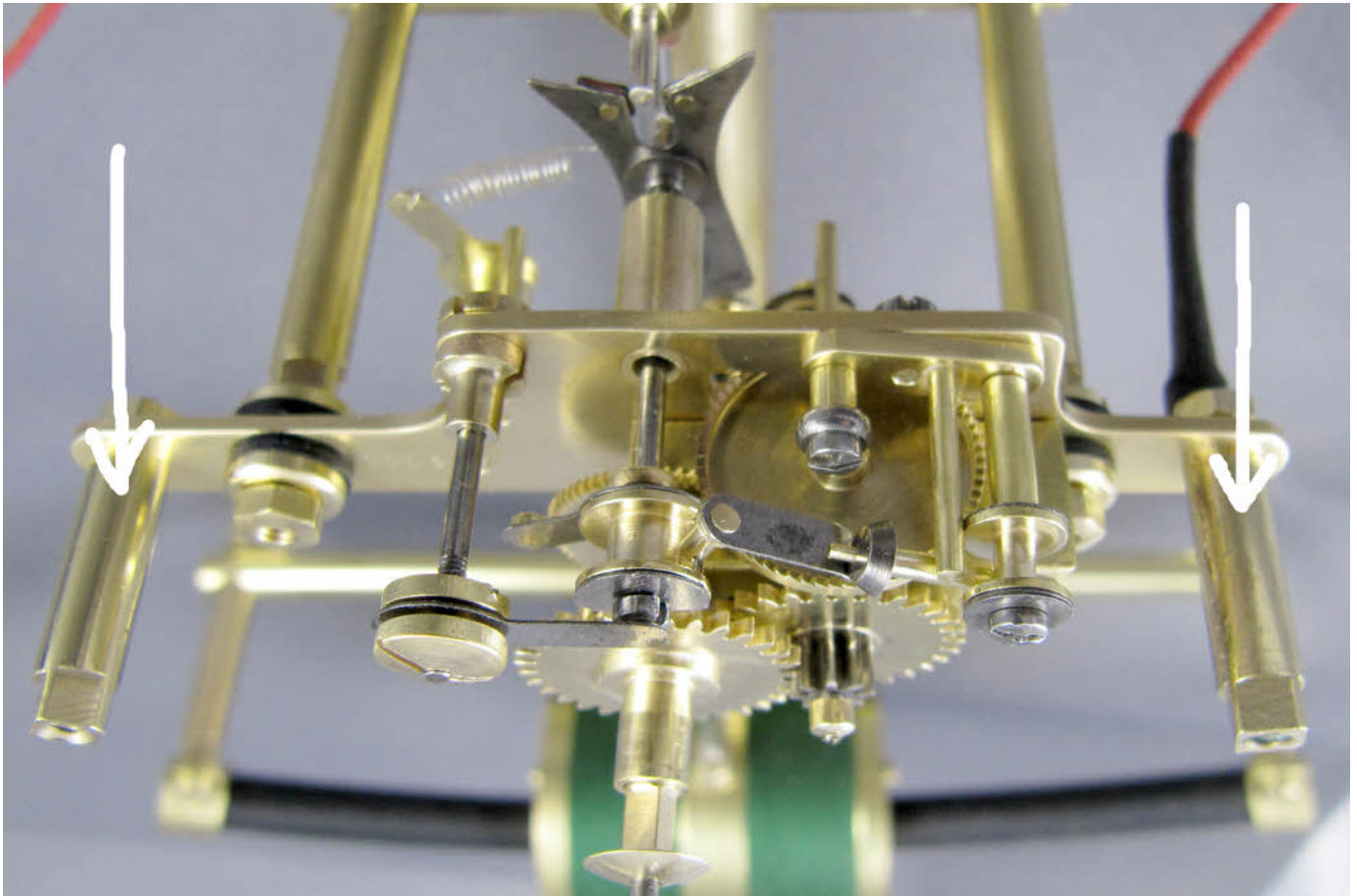
The movement after repairs and cleaning.



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The movement back in place with the replacement dial support pillars.



Pendulum and magnet back in place with screws replacing the extra pillars..

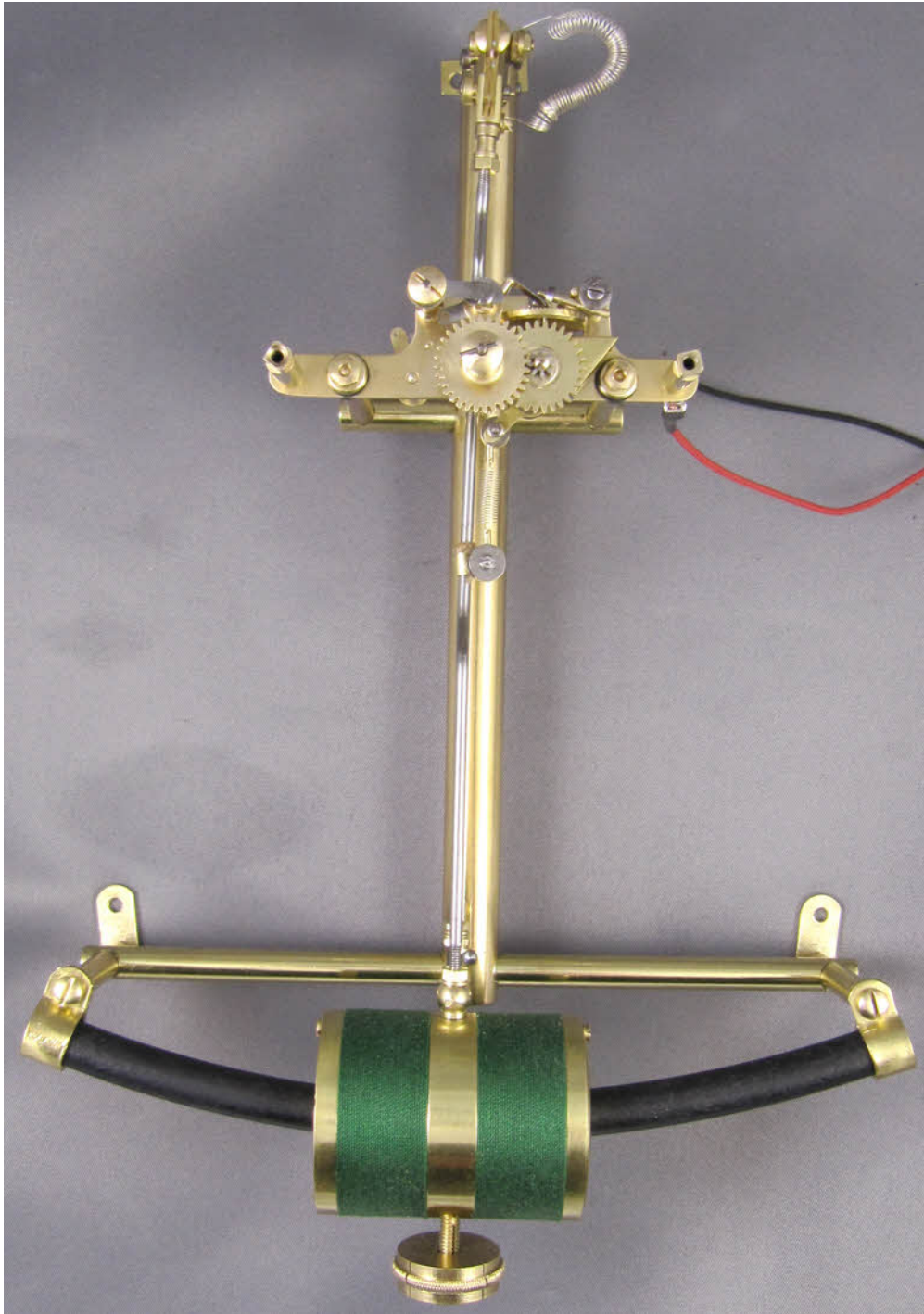
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The finished clock

The clock ended up with new or replacement.

- Coil Cover cord..
- Dial Support Arms
- Isochron Spring
- Silver Contact Spring
- Motion Work Retainer
- Fork Arbour Stop Nut
- Silk Suspension
- Contact Pin 'T piece.
- Suspension Contact spring.