

Horologix



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

Contact Peter Smith
Telephone 01454-880825
Or Mobile 07969-773480
[Email peter_smith@horologix.com](mailto:peter_smith@horologix.com)

Bulle Clock Serial Number 130288

*Restoration of BulleClock
Serial Number 130288*

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*Photos by kind permis-
sion of the owner.*

*A medium Bulle move-
ment in a four glass case
with a partially silvered
dial. I must admit it looks
a little worse for wear but
looks to be complete. The
magnet is loose in the
case but the brackets are
attached. The dial is
probably the biggest
problem as it is only par-
tially silvered, which
makes it difficult to clean
and re-silver whilst leav-
ing the brass inner and
outer circles untouched.
It has also suffered with
bends and bruises. It
looks as though the dial
supporting washers nor-
mally behind the dial
have gone missing which
leaves the screws to pull
the dial out of shape. We
will see what we can do.*

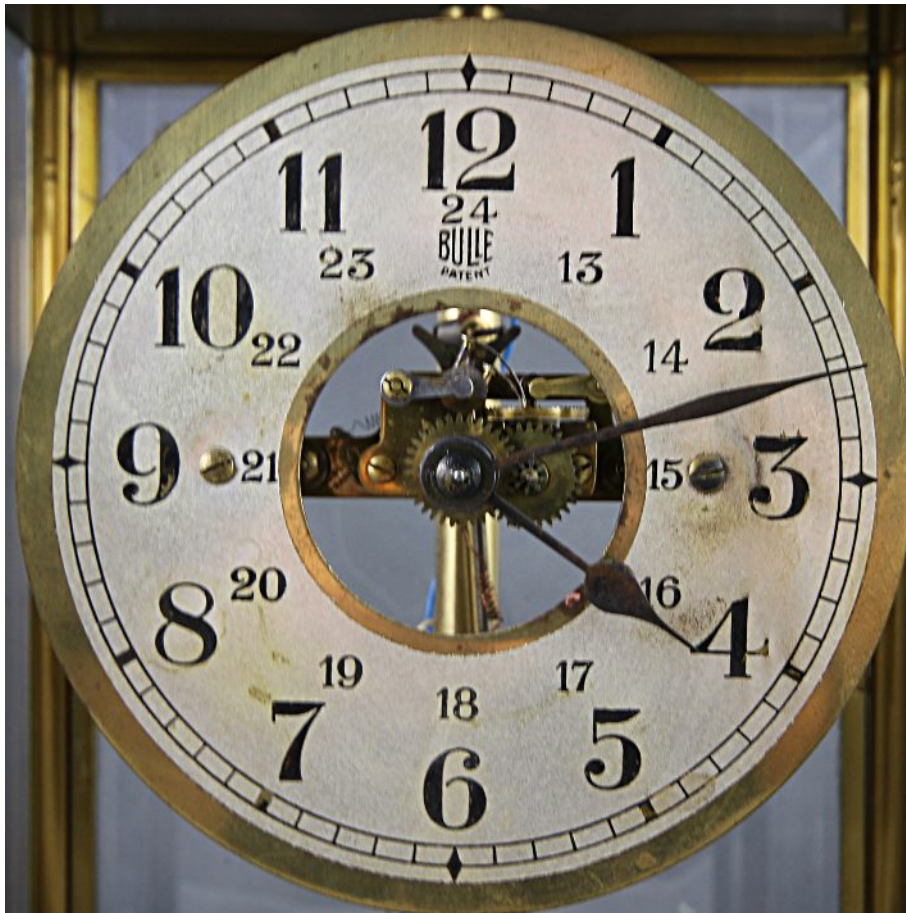
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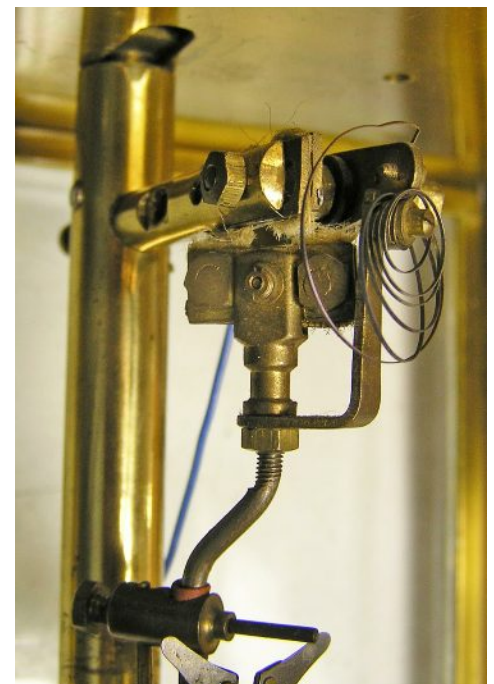
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A larger image of the dial showing the marks and tarnish.



The photo above shows the badly made suspension and the twisted hair spring.



The photo on the left shows the base of the clock with the loose magnet. The frame is also loose.

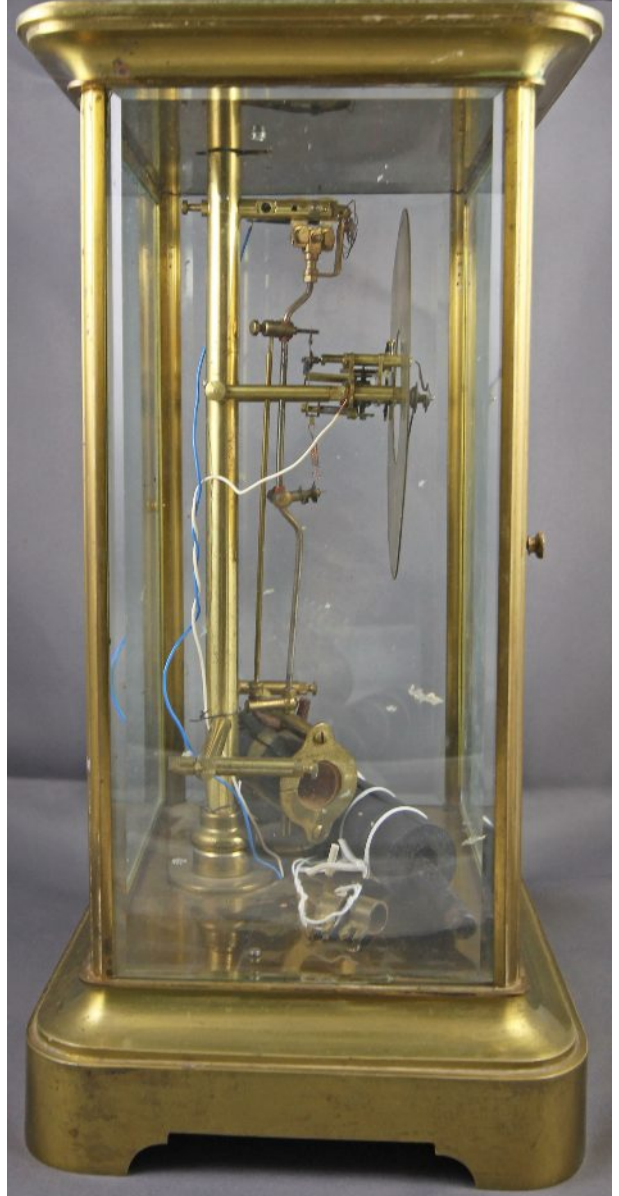
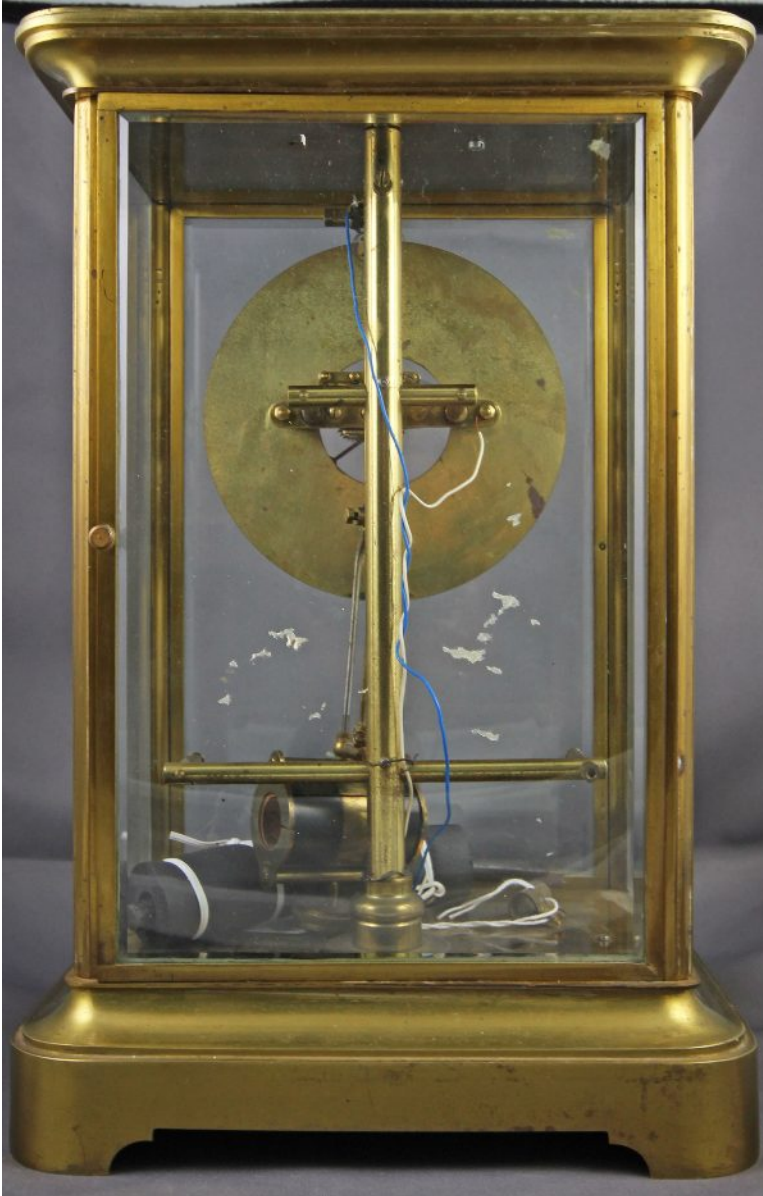
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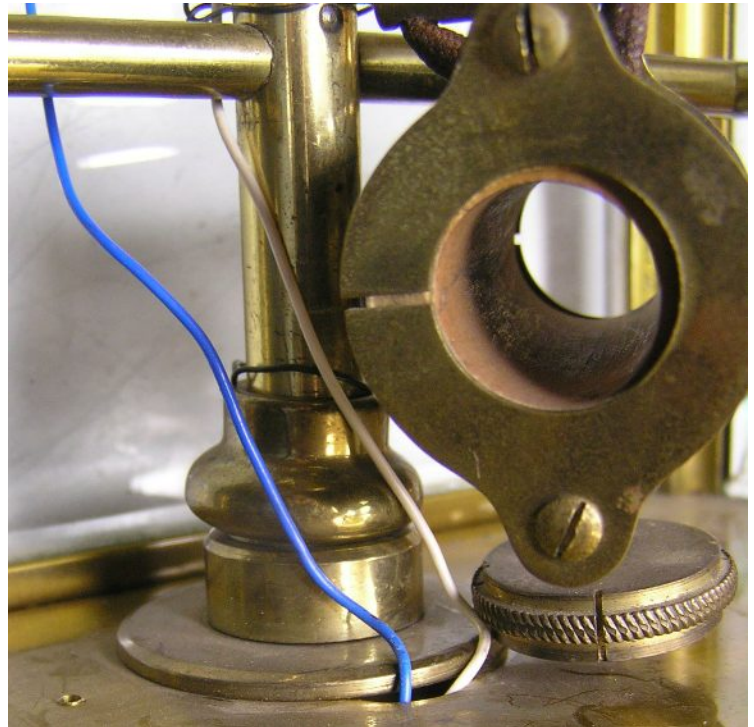
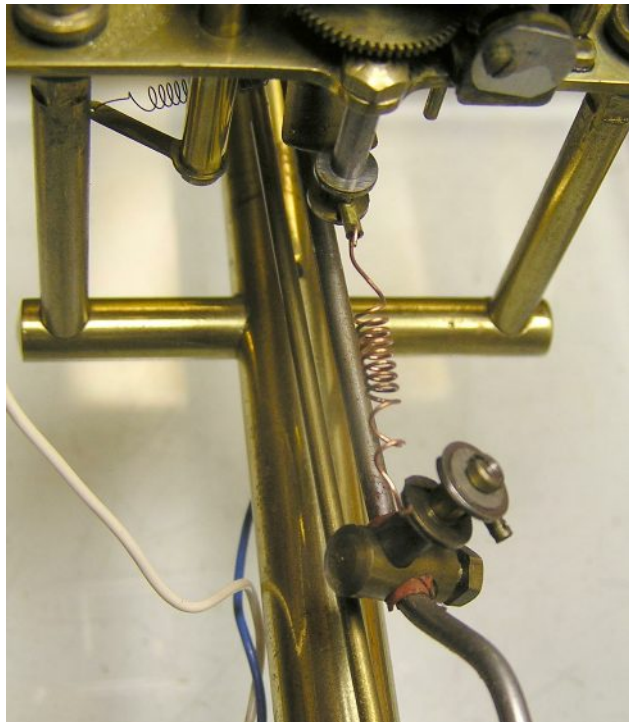
Rear and side views of the clock. The odd thing is the wiring which should go through the top of the case and then down the inside. But the wiring here goes through the case and disappears through a large hole in the base. This will need to be investigated. The rest of the clock looks OK.




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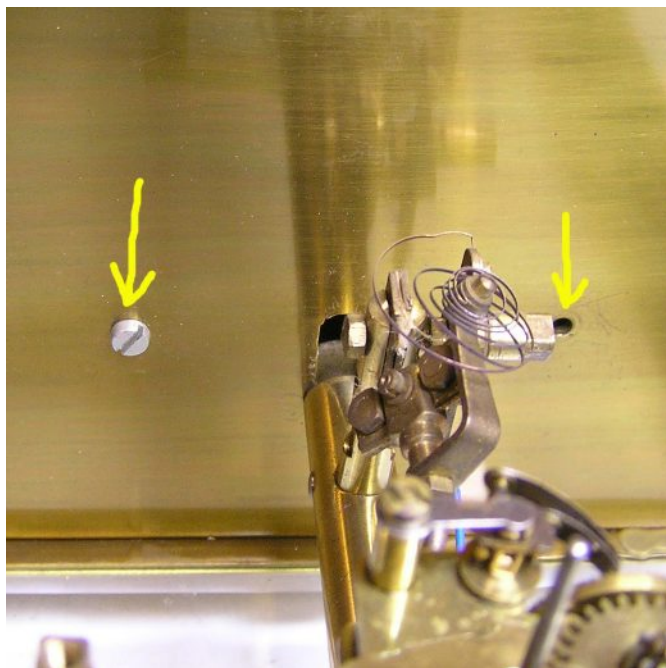
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The photo above shows the piece of coiled copper wire used as an Isochron spring. Odd! I don't see how it could of been any use at all!

There must be a long slot cut into the base to take the two wires. This must be why the large round washer has been added. I hope its big enough to cover the slot when the wire is re-routed via the top.



Above is the underside of the base showing the enlarged slot along with a battery retainer. None of this is original. The photo at left shows the missing top retaining screw as well as a steel replacement. A new set will be turned up on the lathe.

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This photo shows the top of the case removed. Note the two threaded pillars that the two screws mentioned on the previous page screw into to hold the top cover down. There is also a slot cut into the top which I can only assume allowed the movement frame to be slid forward or backward. Again this is not original. The wiring for the movement should come up through the top and across to the front door hinge side from where it should pass down the inside of the door pillar to the battery compartment under the base.

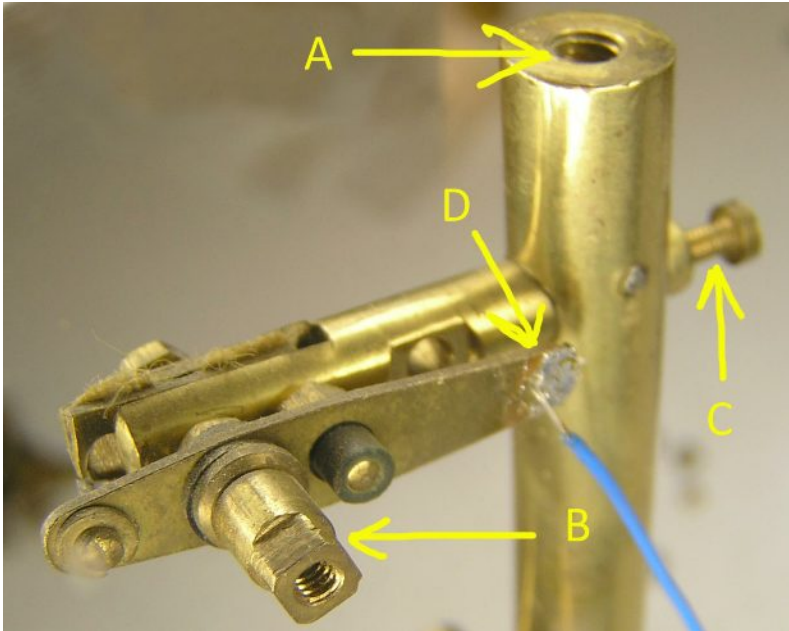
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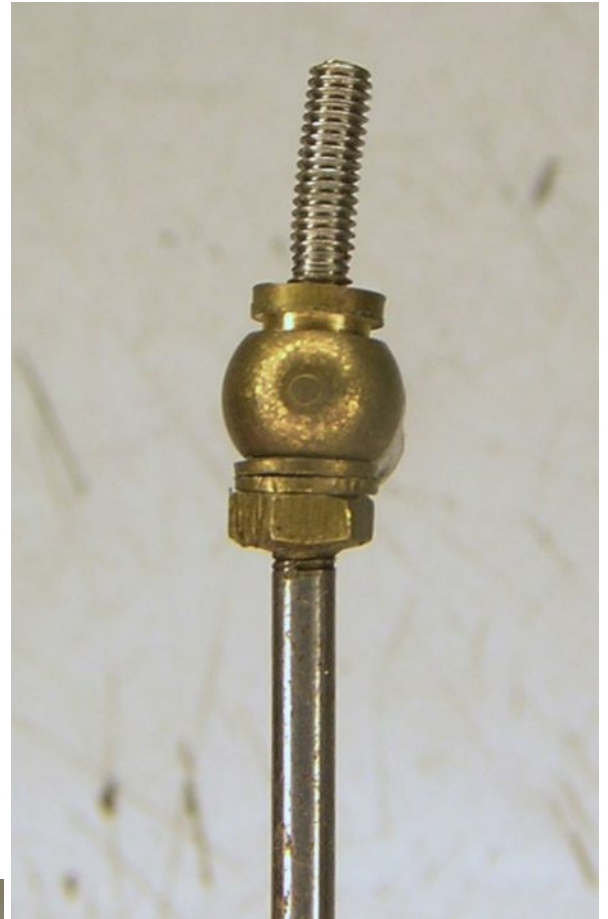
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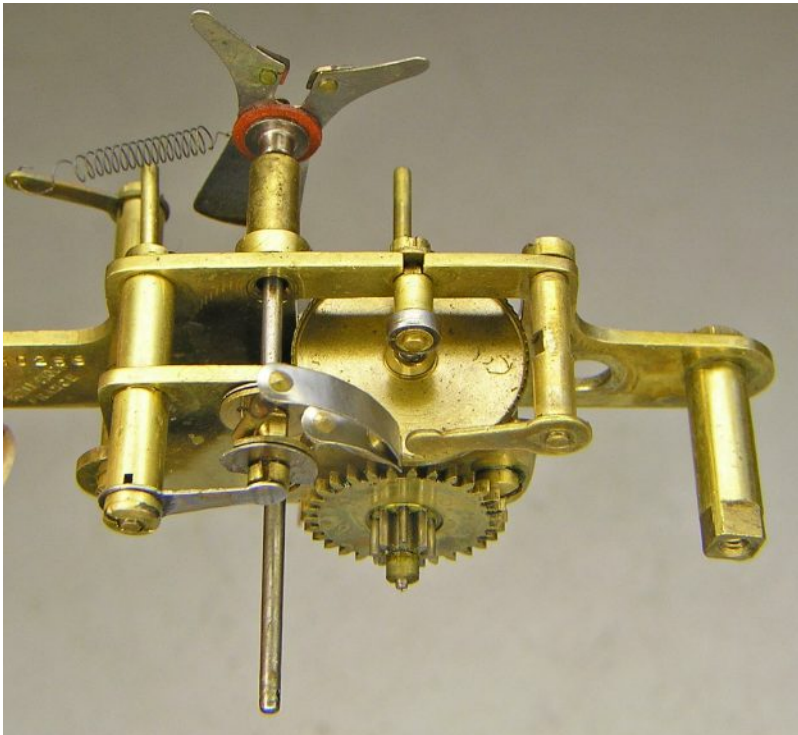
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The photo above shows A) the threaded hole for the screw that retains the frame in place to the top of the case. B) should be in the position where screw C) is attached. D) should be a nut and bolt to hold the negative wire., Not a solder joint



The photo above shows the bent pendulum rod where it fits into the bob casing. This will have to be straightened.



This last photo shows the movement which looks to be in good condition. The fork is not that worn and will survive another twenty ears or so.

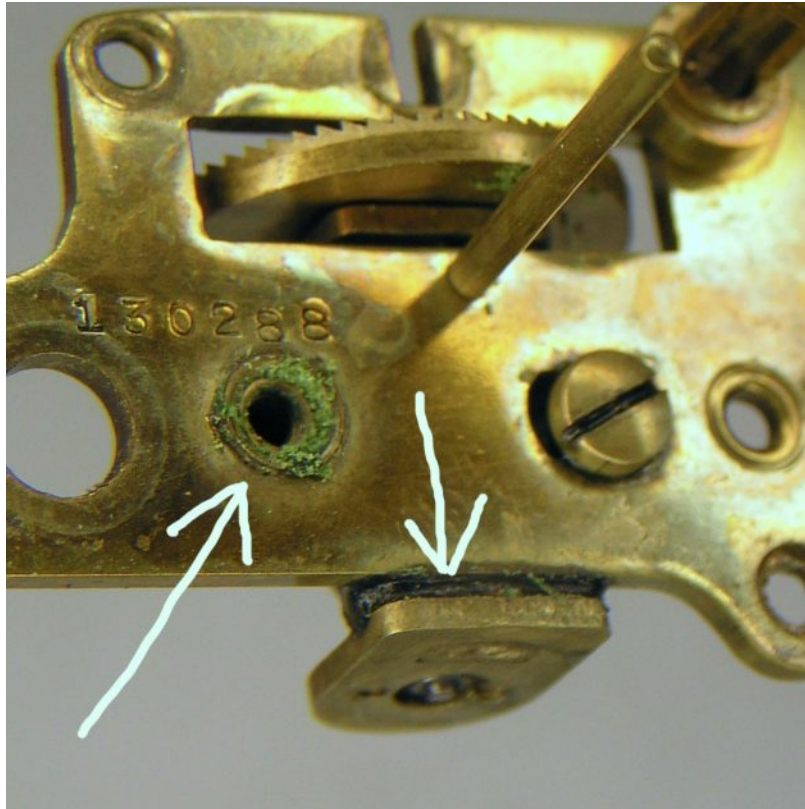
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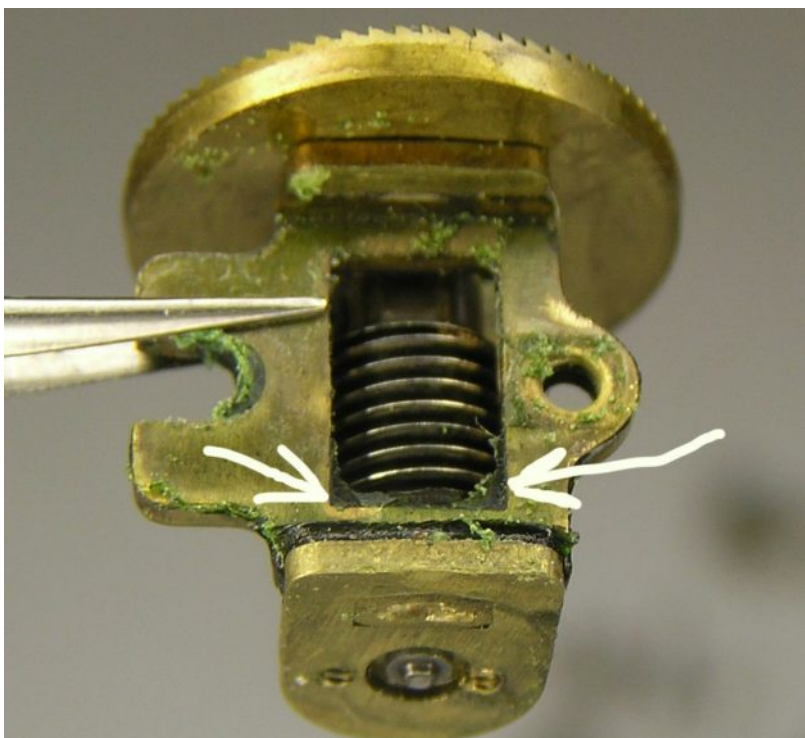
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These two photos on the left show how old oil tends to congeal into a hard paste that can gum up the free movement of the wheel work. The points arrowed are quite hard and needed a little help with a needle to dislodge before the parts were cleaned in the ultra sonic tank.



These two photos show how a steel rotary brush can quite easily clean and polish the hard steel screws of the case.



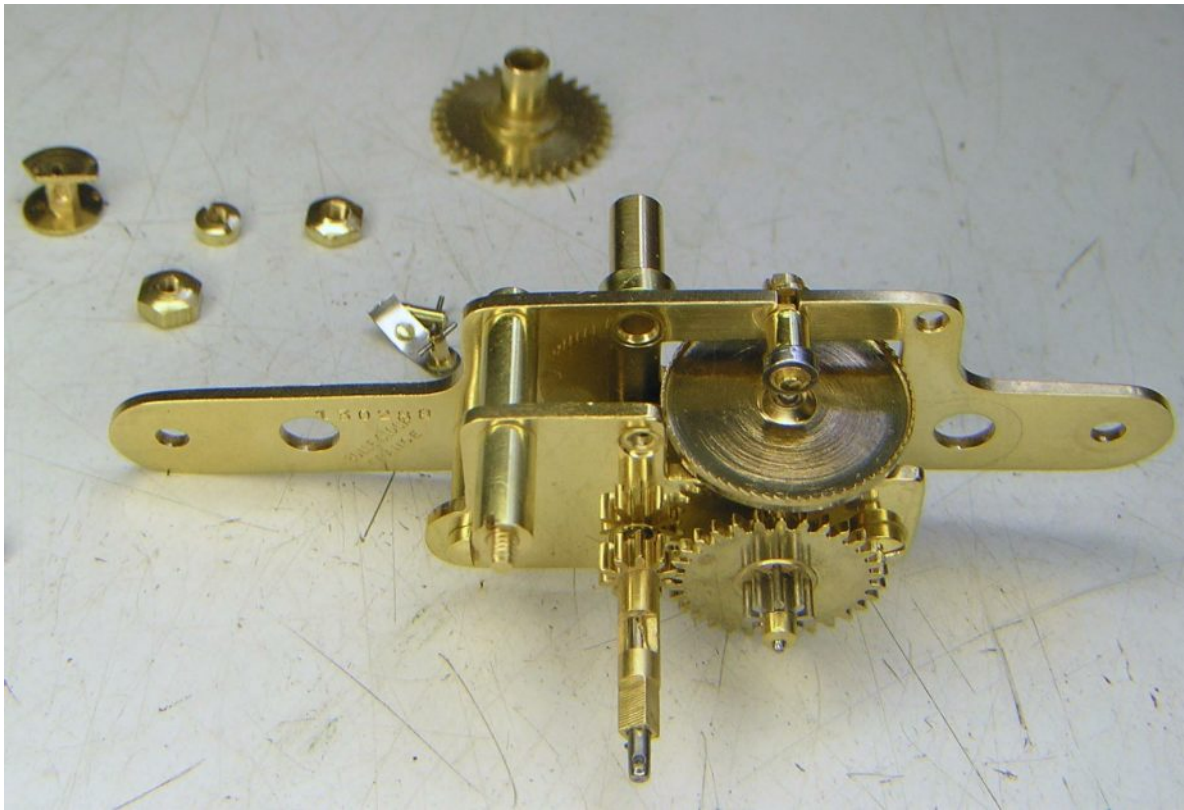
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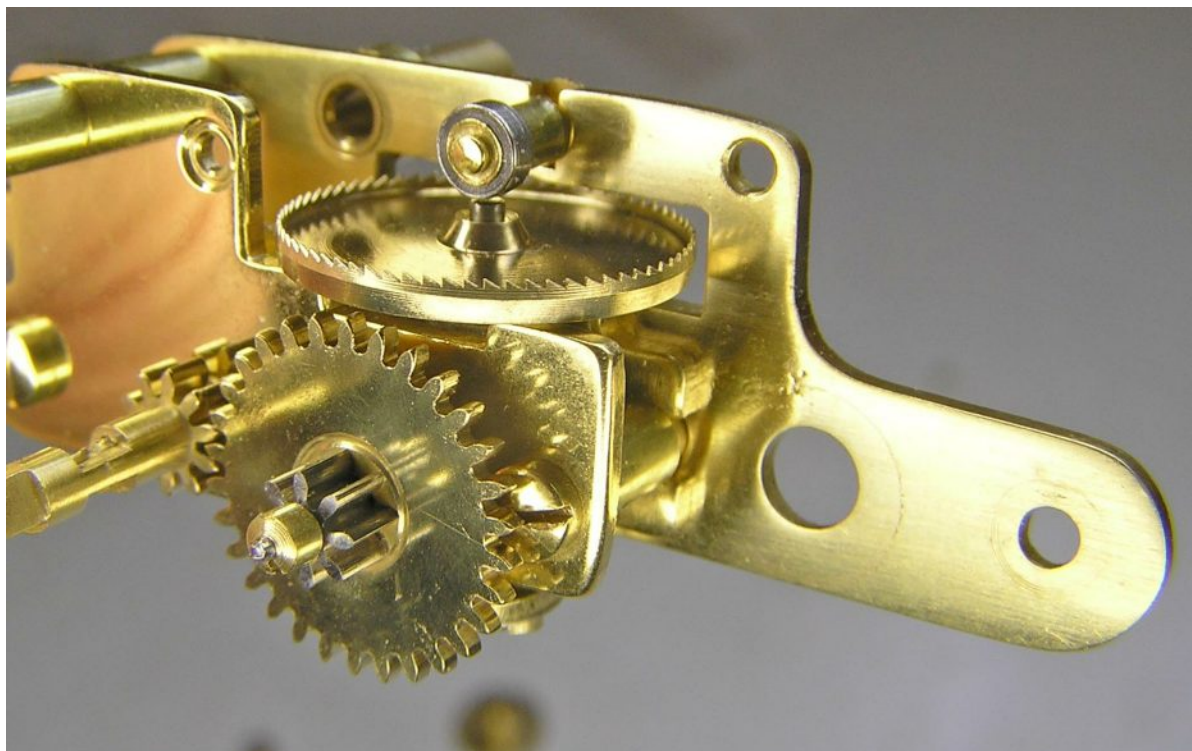
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The movement being rebuilt after cleaning and polishing.



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He photo above shows the correct route for the wiring. Once it has crossed the top of the case it passes through a hole and runs down the inside of the front door pillar. Although this method hides the wires, it is a real pain to try and assemble case, wire, glass and doors all at the same time. I must also stress that it is better to test the clock on an old base for a long period before fixing in the case as it is very difficult to make any changes once the movement is in the case.

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The new screws to retain the top.



The dial after cleaning and applying silver. Not perfect but a hell of a lot better than when it arrived.



The battery compartment with a Horologix regulated battery fitted. Note the wiring coming through from inside the case after running down the side of the door pillar.

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The movement frame installed before the doors and top are finally fitted.

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This and the following page show the finished clock.

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The finished Clock