Page 1 Early 'A' type movement



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Early Bulle Movements

Page 2 Early 'A' type movement



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There are three main groups of Bulle movements with the main sequence of serial numbers.

Movement Group	Type	Actual	Actual	Proposed	Proposed	
		Start s/n	End s/n	Start s/n	End s/n	
Plate and Box Tube	a) Half Plate	Pre Production	1541	Pre Production	2000	
	b) Full Plate	2818	12363	2001	15000	
Two Plate		15234	250682	15001	255000	
		313749	313749	310001	End	
Three Plate		255727	284192	255001	310000	

The serial numbers in the "Actual" columns are as recorded from clocks I have seen or worked on. Those in the "Proposed" column are the ranges that I would suggest contain the movement group. I would be very interested to hear from anyone with a Bulle clock who can supply both serial number and plate type so that we may narrow down the groups.

There are several other different types of Bulle movements used on later clocks outside of the main sequence of serial numbers. These clocks are outside the scope of this document.

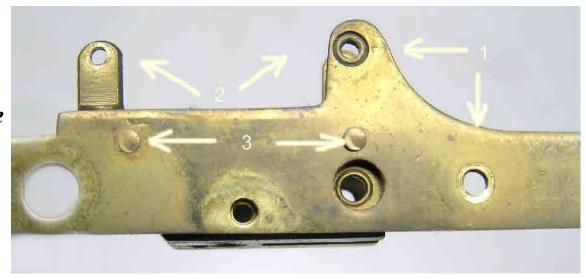
Page 3 Early 'A' type movement



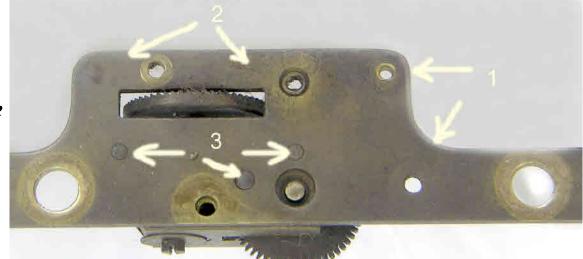
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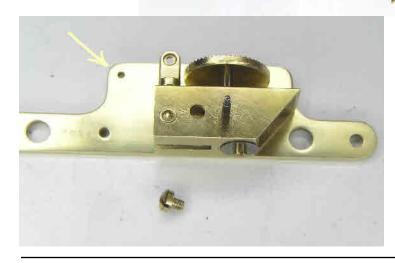
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Half Plate



Full Plate







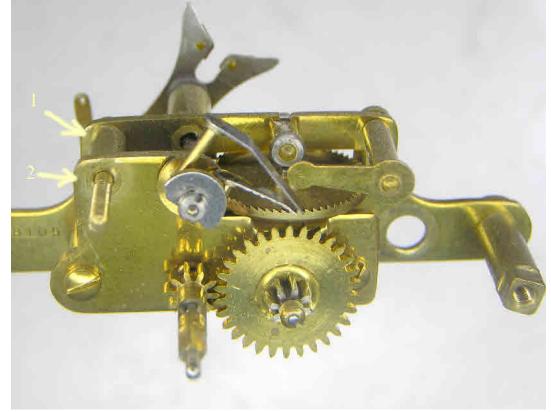
Page 4 Early 'A' type movement



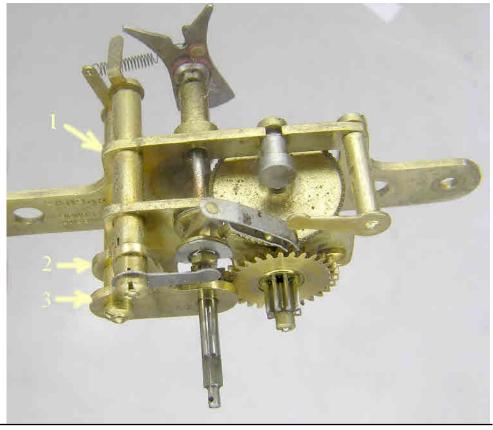
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Two Plate



Three Plate



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Early Bulle movements s/n ----



- * Plate and Tube movement.
- * Half plate movement
- * Front operating gathering pawl
- * Damper arm mounted on separate plate.
- * No count wheel end shake stop
- * The word "Bulle" in place of serial number.



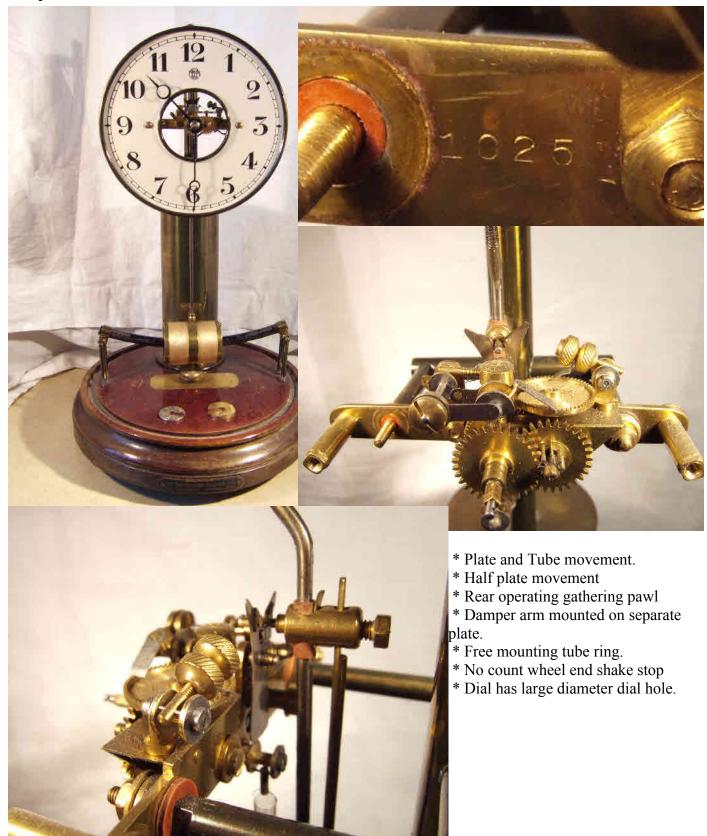
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Page 6 Early 'A' type movement



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Early Bulle movements s/n 1025



Page 7 Early 'A' type movement



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Early Bulle movement s/n 1141

- * Plate and Tube movement.
- * Half plate movement
- * Rear operating gathering pawl
- * Damper arm mounted on separate plate.
- * Fixed mounting tube ring.



Page 8 Early 'A' type movement



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Contact Peter Smith
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650 Ohm resistor attached to frame. Page 9 Early 'A' type movement



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Early Bulle movement s/n 1541



- * Plate and Tube movement.
- * Half plate movement
- * Rear operating gathering pawl
 * Damper arm mounted on separate plate.
- * No count wheel end shake stop

Page 10 Early 'A' type movement

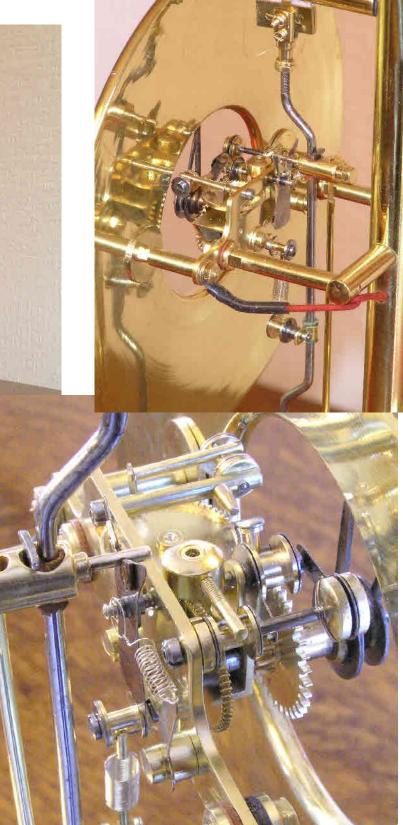


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Early Bulle movement s/n 3453



- * Plate and Tube movement.
- * Full plate movement
- * Side operating gathering pawl
- * Damper arm mounted on main plate
- * Free mounted tube ring.
- * No count wheel end shake stop
- * Dial has large diameter centre hole



Page 11 Early 'A' type movement



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Early Bulle movement s/n/ 6694



- * Plate and Tube movement.
- * Full plate movement
- * Front operating gathering pawl
 * Damper arm mounted on main plate.
- * Free mounted tube ring.
- * Count wheel end shake stop

Page 12 Early 'A' type movement



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All Bulle clocks below serial number 2000 (proposed) have a Half frame movement with a 700 Ohm coil and a 650 Ohm resistor attached to the frame.

All Bulle clocks from serial number 2000 (proposed) onwards have coils of 1100 Ohms. Page 13 Early 'A' type movement



tion parts.

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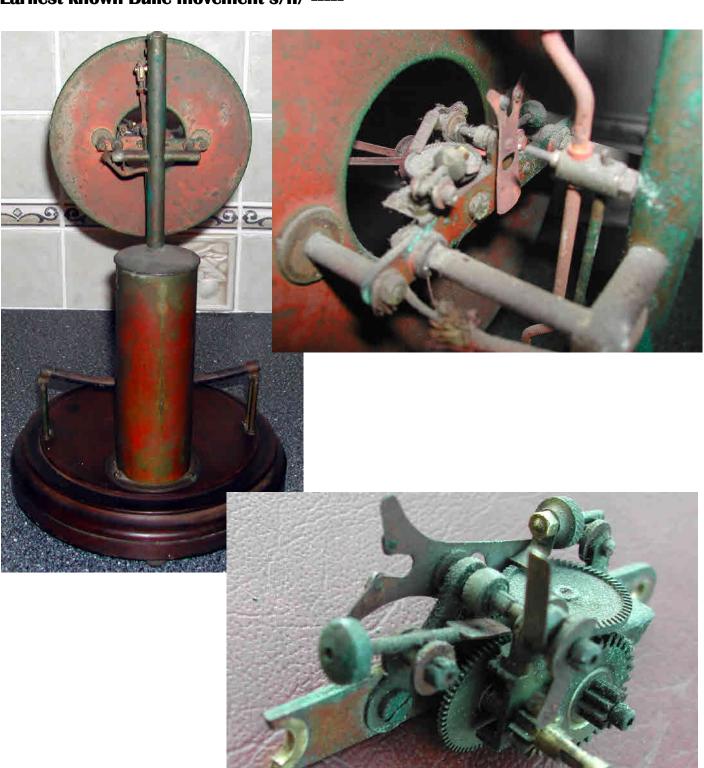
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Earliest known Bulle movement s/n/ -----

Earliest known Bulle clock

- * Plate and Tube movement.
- * Half plate movement
- * Rear operating gathering pawl
- * Unique damper arm arrangement.
- * 700 Ohm Coil
- * 650 Ohm resistor
- * Fixed mounted tube ring.
- * No count wheel end shake stop.
- * No Isochron spring.
- * No Silver Contact spring.
- * Oversize Fork with button contacts
- * Front mounted pawl counter balance.
- * 15mm solid count wheel.
- * Dial has large diameter centre hole



Page 16 Early 'A' type movement

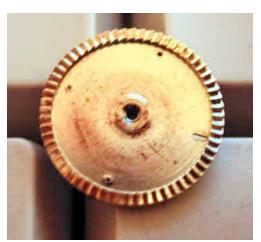


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Page 17 Early 'A' type movement



tion parts.

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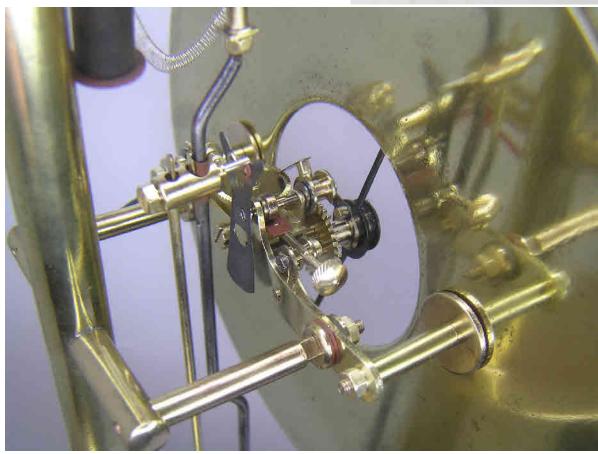
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Earliest known Bulle movement s/n/ -----



On this clock there are not nuts and washers to secure the lead out wire from the coil. Instead the wire is pushed up the tube and pinched so that the insulating tube covers the pinched area.

Whereas in the later versions the wire is attached to the rod between two nuts and washers.