



**Ebosa 111.861 Movement Parts (1)**

*Compiled by EmmyWatch - <https://www.emmywatch.com>*



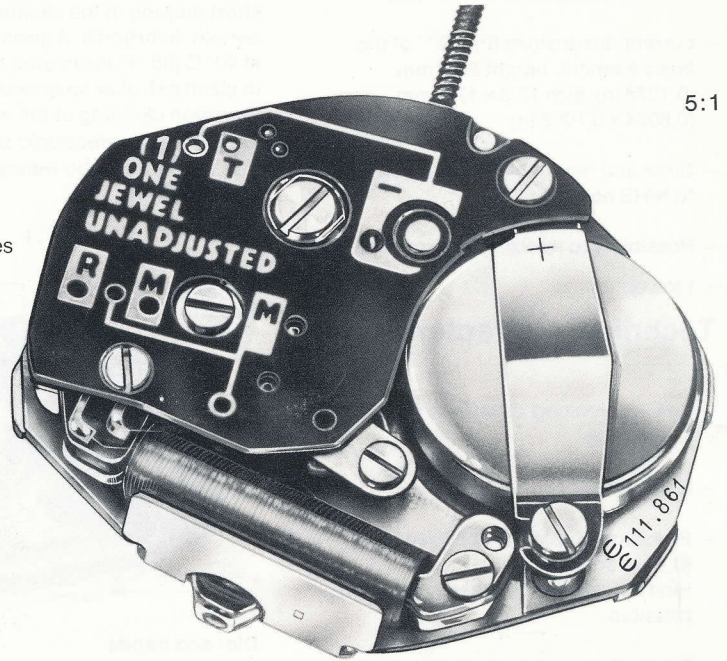
BLUEBIRD

# 111.861

6<sup>3</sup>/<sub>4</sub> x 8'''

Electronic movement with quartz resonator, frequency 32 768 Hz, rotary stepping motor with 6 impulses per minute  
Analog display without second

15,30 x 17,80 mm  
(0,6024 x 0,7008 in)  
H. 3,50 mm  
(H. 0,1378 in)



5:1

## EMERALD WATCH

### TECHNICAL INFORMATION

Examples of elegant and extra flat ladies and gents models.



February 1987

We reserve the right of technical alterations.

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It's Quality  
It's Quartz



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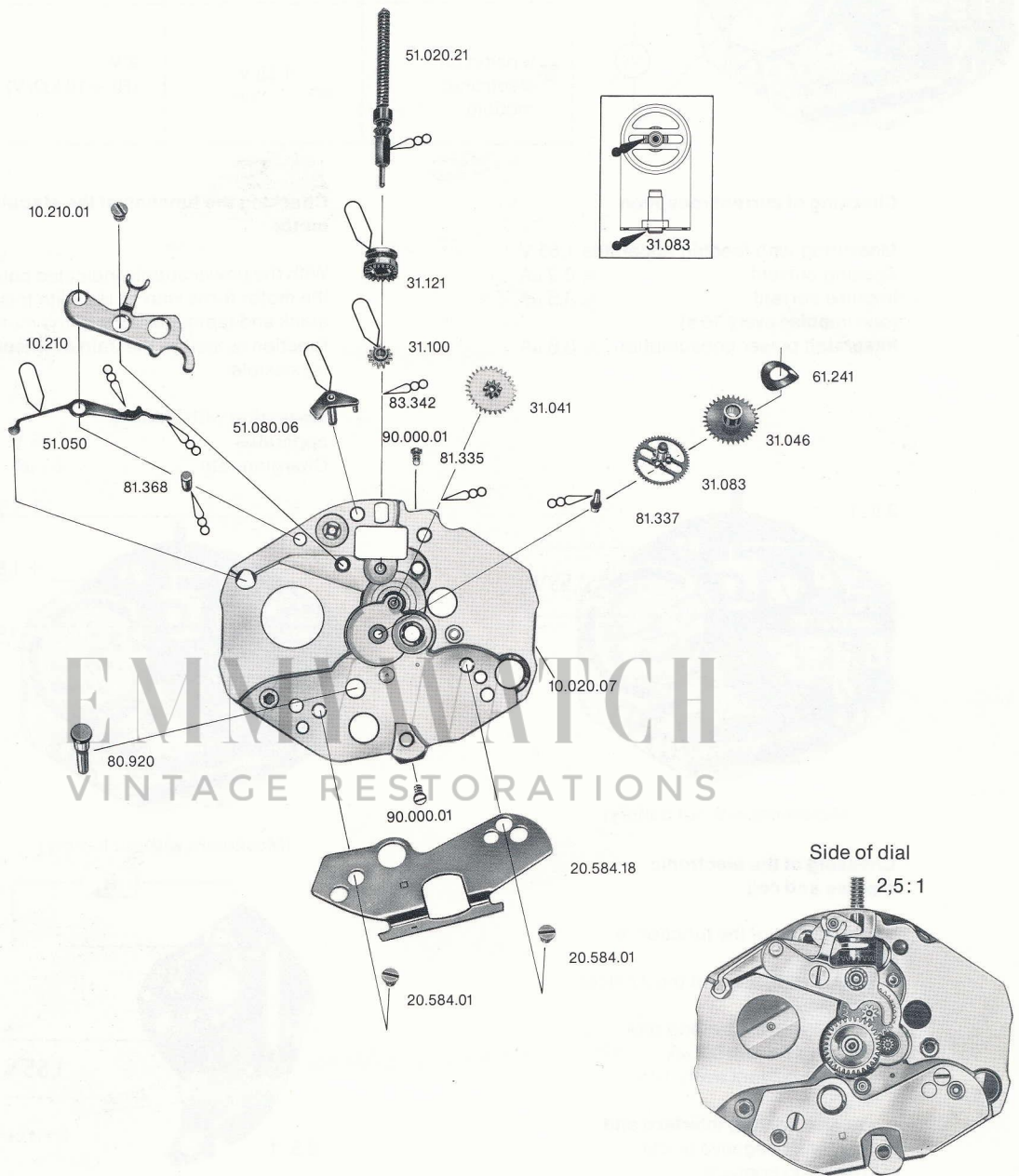


It's

# EBO SA

EBO SA SA, CH-2540 Grenchen Téléphone 065 · 51 22 15 Telex 934 302

For the assembly and casing of this calibre, we have additional technical information and drawings free of charge at your disposal.



#### Parts list

| No.       | Description                               | No.       | Description                             |
|-----------|---|-----------|---|
| 10.020.07 | Main plate, 1 jewel                       | 31.041    | Minute wheel                            |
| 10.048.40 | Train wheel bridge, 0 jewel               | 31.046    | Hour wheel                              |
| 10.210    | Winding and setting mechanism cover       | 31.083    | Cannon pinion with driving wheel        |
| 10.513.05 | Electronic module                         | 31.100    | Setting wheel                           |
| 10.580    | Electronic unit support                   | 31.121    | Sliding pinion                          |
| 20.570    | Battery                                   | 51.020.21 | Handsetting stem, S 0.90 mm (0,0354 in) |
| 20.580.05 | Rotor                                     | 51.050    | Yoke                                    |
| 20.582    | Stator                                    | 51.080.06 | Setting lever                           |
| 20.584.18 | Magnetic screen                           | 61.241    | Hour wheel friction spring              |
| 20.590    | Coil                                      | 80.210    | Train wheel bridge distance piece       |
| 20.651    | Battery insulator                         | 80.244.18 | Bridle - rivet                          |
| 20.761    | Bridle +                                  | 80.920    | Stator pillar                           |
| 20.763    | Bridle -                                  | 81.335    | Minute wheel stud                       |
| 30.012    | Intermediate wheel                        | 81.337    | Cannon pinion stud                      |
| 30.013    | Transmission wheel for intermediate wheel | 81.368    | Yoke stud                               |
|           |   | 83.342    | Setting wheel stud                      |

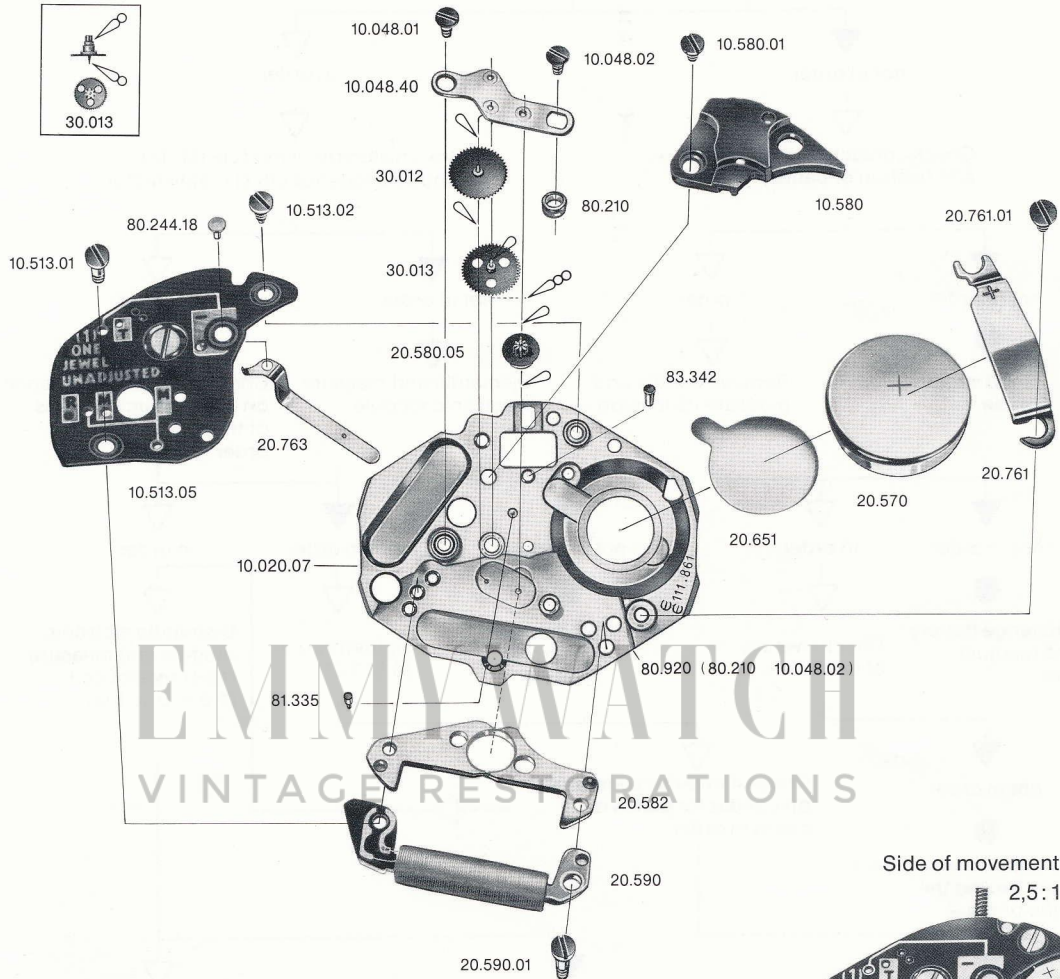
#### Screws

| No.       | Description  |
|-----------|--|
| 10.048.01 | Screw for train wheel bridge (S 0,70 mm / 0,0275 in) short |
| 10.048.02 | Screw for train wheel bridge (S 0,60 mm / 0,0236 in) long  |
| 10.210.01 | Screw for winding and setting mechanism cover              |
| 10.513.01 | Screw for electronic module, long                          |
| 10.513.02 | Screw for electronic module, short                         |
| 10.580.01 | Screw for electronic unit support                          |
| 20.584.01 | Screw for magnetic screen                                  |
| 20.590.01 | Screw for coil   |
| 20.761.01 | Screw for bridle +   |
| 90.000.01 | Screw for dial   |



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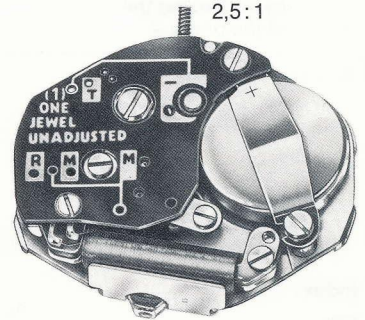
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# EMMA WATCH

VINTAGE RESTORATIONS

Side of movement  
2,5:1



|   |   |  |
|---|---|--|
| Fine oil<br>e.g. Moebius 9010, 9020               | Thick, pressure-resistant oil or grease e.g. Moebius, Microgliss D5<br>Rubin G8, JISMAA 124 V | Pregreased state.<br>After washing lubricate with Moebius spec. 8222 |
| According to NIHS norm 99-02 and SN norm 289 902. |   | Oil only very little!  |

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