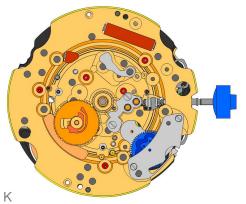


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## Technical Instructions 5040.B

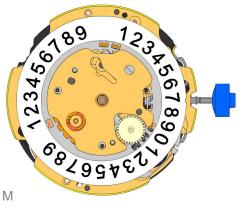
## Assembling

46. <u>2000.574.CO</u>	Main plate
47. 9014.000	Moebius 9014
<b>_</b> •	Use Moebius 9014 on bearing of all rubis
48. <u>3004.164</u>	Setting wheel
000	Use Moebius 9020 on both setting wheels
49. <u>3007.054.CO</u>	Minute wheel
<b>e</b> • •	Use Moebius 9020
50. <u>2130.143</u>	Minute train bridge
	Use 2 screws 4000.305
51. <u>4000.305</u>	Screw
© ~	
52. 3004.181	Tens indicator driving wheel
	The short tooth of the tens indicator driving wheel must point to the center of the movement.
53. <u>3500.059</u>	Tens jumper
$\sim$	Moebius 8200 greace must be placed between the tens jumper and the tens indicator driving wheel.
54. <u>2130.142</u>	Tens jumper maintaining plate
8.0	Make shure, that the tens indicator driving wheel is not blocked prior to the fastening process. Use 2 screws 4010.306. Place the spring loaded bracket outside of the tens jumper.
55 4040 200	C
55. <u>4010.306</u> ◎	Screw
56. <u>3301.241</u>	Hour wheel (Aig 1) Use Moebius 9020
© • •	
57. <u>3315.016</u>	Hour wheel friction spring
0	Must be placed onto the hour wheel
58. <u>3004.176.CO</u>	Date indicator driving wheel
<b>@</b> ••	Moebius 9020 must be used in the center of this wheel
59. <u>3500.049</u>	Date jumper
	Moebius 8200 greace must be placed between the date jumper and the date jumper spring



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## Technical Instructions 5040.B

## Assembling

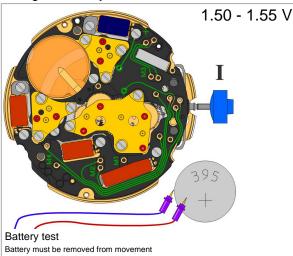
60. 3504.214.AF	Units indicator
State of the state	Teaths must be greaced using Moebius 8200. The "half moon" cut out on the unit indicator must point to the stem (position 3h).
61. <u>3147.054</u>	Tens intermediate wheel
62, 2130,141	Date indicator maintaining plate
	Use 1 screw 4000.250
63. <u>3905.050</u>	Date jumper spring
	Insert the spring into the opening of the date indicator maintaining plate
64. <u>3504.216.AF</u>	Tens indicator (T3/G12)
	The "half moon" cut out on the tens indicator must point to the stem (position 3h).
65. <u>2130.140</u>	Date mechanism maintaining plate
	Assure that the tens intermediate wheel is not blocked, prior to the fastening process. Use 2 screws 4000.250 to fix the date indicator maintaining plate
66. <u>3506.072</u>	Dial support
67. <u>4000.250</u> Т	Screw
	Marking 2020
68. <u>9010.000</u>	Moebius 8200 Microgliss D5 can be used
00	
69. <u>9018.000</u>	Jismaa 124
000	Greace Moebius or Microgliss D5 an be used
70. <u>9020.000</u>	Moebius 9020
<b>~</b> **	



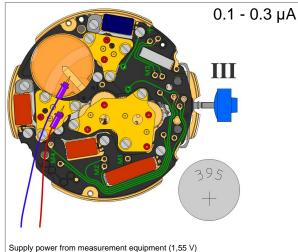
Technical Instructions 5040.B

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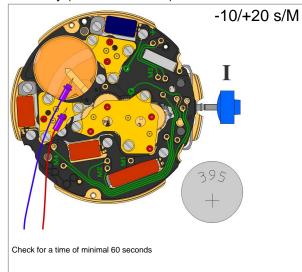
#### Voltage of battery



#### Consumption (M1) of movem. (Pos. III)

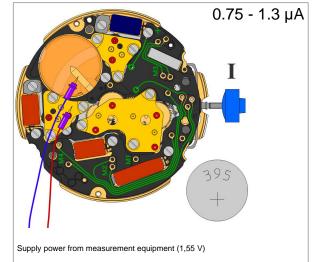


Accuracy (seconds / month)

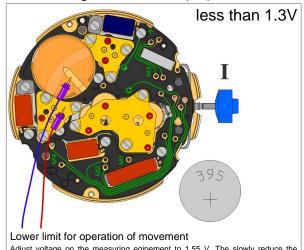


### Electrical checking

Consumption (M1) of movem. (Pos. I)

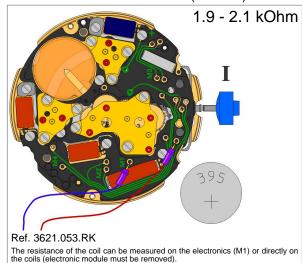


#### Lowest voltage for movement (M1)



Adjust voltage on the measuring eqipement to 1.55 V. The slowly reduce the tension until the movement stops

Resistance of the coil: motor 1 (movem.)

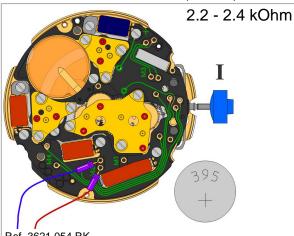




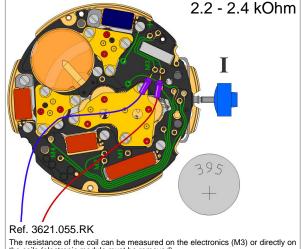
**Electrical checking** 

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Resistance of the coil: motor 2 (counter)

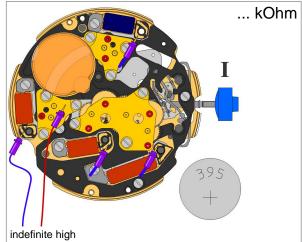


Resistance of the coil: motor 3 (counter)

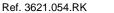


The resistance of the coil can be measured on the electronics (M3) or directly on the coils (electronic module must be removed).

#### Coil insulation: motor 1, 2, 3 and 4

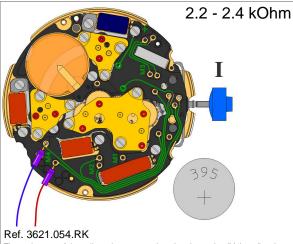


The resistance between each coil and +pole must be measured (electronic module must be removed)



The resistance of the coil can be measured on the electronics (M2) or directly on the coils (electronic module must be removed).

Resistance of the coil: motor 4 (counter)

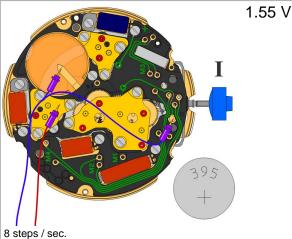


The resistance of the coil can be measured on the electronics (M4) or directly on the coils (electronic module must be removed).



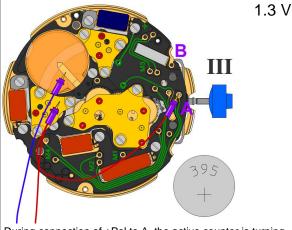
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#### Accelerated test of movement (M1)



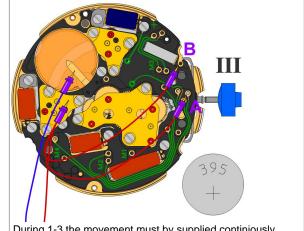
To activate this test mode, the corresponding test point must be connected to the -Pole

#### 2. Check of active counter



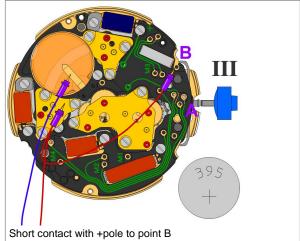
During connection of +Pol to A, the active counter is turning. Reduced the supply voltage to 1.3V to check the proper function of the counter. If the power supply is disconnected, the control mode must be starded again section 1. 1. Activation of control mode (pos III)

Test of the motors



During 1-3 the movement must by supplied continiously Connect points A + B simultaneous for min. 2 seconds to the +Pol. Do not interrupt the supply voltage - stem pos III)

#### 3. Change to the next counter



Change of active counter: M2-M3-M4-M2-M3- .After a timout of approx. 30 seconds since last contact, the control mode will be terminated.