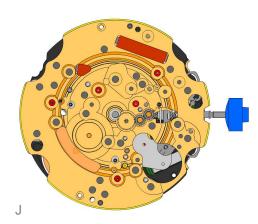
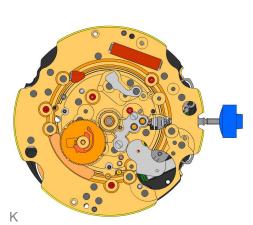


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Technical Instructions 5040.D

Assembling

46. <u>2000.574.CO</u>	Main plate
47. 9014.000	Moebius 9014
	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
•	Use Moebius 9020
50. <u>2130.143</u>	Minute train bridge Use 2 screws 4000.305
	USE 2 SCIEWS 4000.305
51. <u>4000.305</u>	Screw
52. <u>3004.177</u>	Tens indicator driving wheel
	The short tooth of the tens indicator driving wheel must point to the center of the movement.
53. <u>3500.058</u>	Tens jumper
	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
	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. 4010.306	Screw
□ □	
56. 3301.241	Hour wheel (Aig 1)
	Use Moebius 9020
F7 2245 040	Have wheel fristian arrive
57. <u>3315.016</u>	Hour wheel friction spring Must be placed onto the hour wheel
58. <u>3004.176.CO</u>	Date indicator driving wheel
•••	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

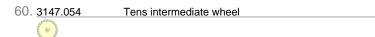


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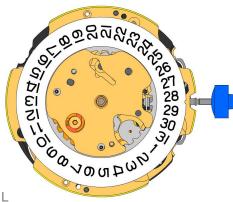
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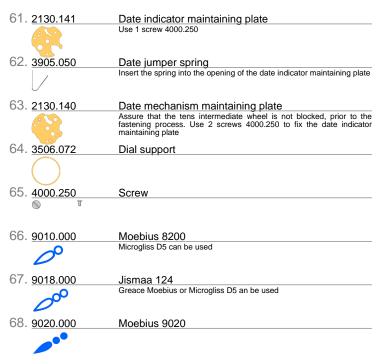
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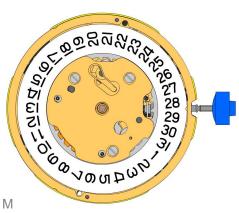
Assembling



Technical Instructions 5040.D









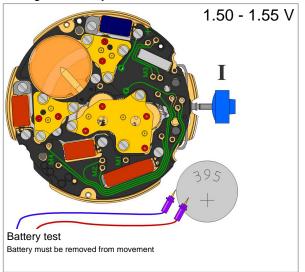
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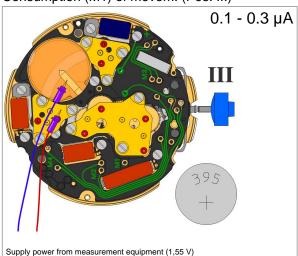
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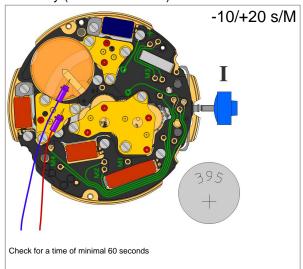
Voltage of battery



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



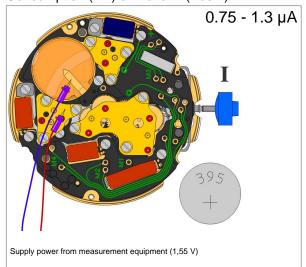
Accuracy (seconds / month)



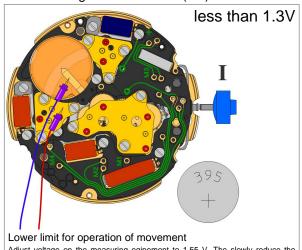
Technical Instructions 5040.D

Electrical checking

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

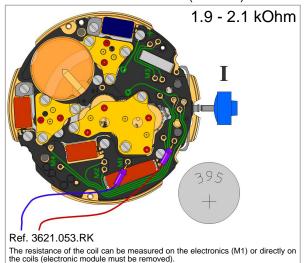


Lowest voltage for movement (M1)



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

Resistance of the coil: motor 1 (movem.)





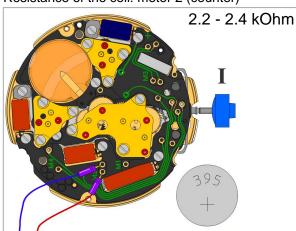
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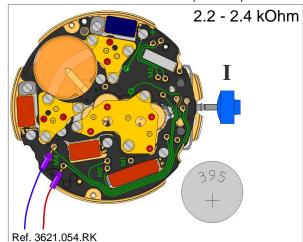
Resistance of the coil: motor 2 (counter)



Ref. 3621.054.RK

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)

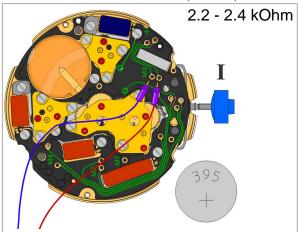


The resistance of the coil can be measured on the electronics (M4) or directly on the coils (electronic module must be removed).

Technical Instructions 5040.D

Electrical checking

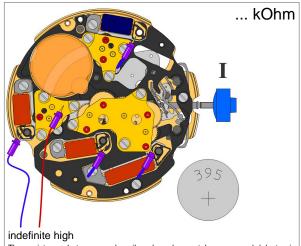
Resistance of the coil: motor 3 (counter)



Ref. 3621.055.RK

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)



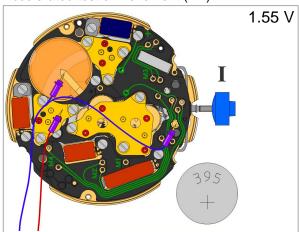
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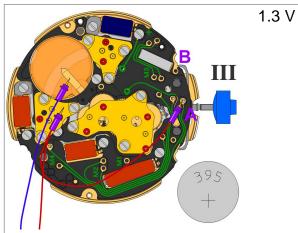
Accelerated test of movement (M1)



8 steps / sec.

To activate this test mode, the corresponding test point must be connected to the $\operatorname{\mathsf{-Pole}}$

2. Check of active counter

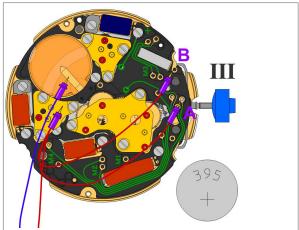


During connection of +Pol to A, the active counter is turning. Reduced the supply voltage to 1.3V to check the proper function of the counter. If the power supply is disconnected, the control mode must be starded again section 1.

Technical Instructions 5040.D

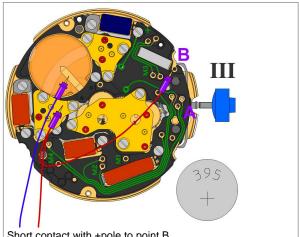
Test of the motors

1. Activation of control mode (pos III)



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



Short contact with +pole to point B

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.

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