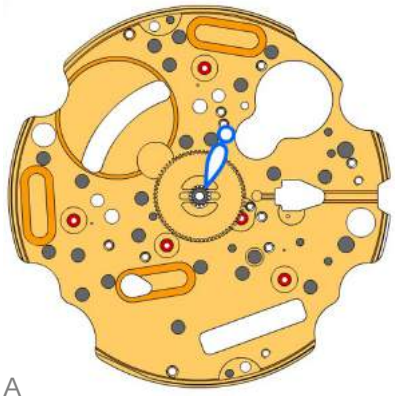
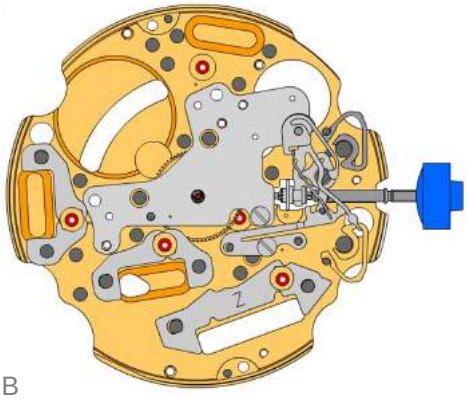
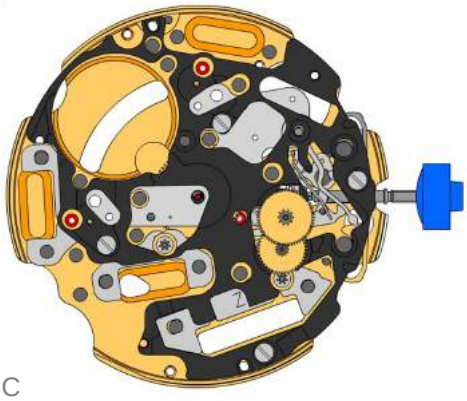


A



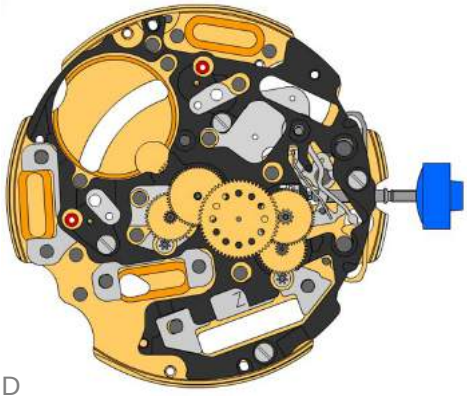
B

2000.574.G 1.		Platine
3305.275.CO 2.		Chaussée avec entraîneur (Aig.1)
2030.017.CO 3.		Pont de centre Pont de centre tenue par 1 vis 4000.250.
4000.250 4.		Vis
3001.055.FI 5.		Pignon coulant
3000.177.CO 6.		Tige de mise à l`heure
3017.049 7.		Tirette
3905.049 8.		Sautoir de tirette (3 positions) Sautoir de tirette tenue par 1 vis 4000.250.
4000.250 9.		Vis
3015.081 10.		Bascule (3 positions) Les pièces 3015.081 et 3905.067 doivent être échangées ensemble.
3905.067 11.		Ressort de bascule Mise en tension du ressort. Les pièces 3015.081 et 3905.067 doivent être échangées ensemble.
3406.030 12.		Sautoir de poussoir B Fixer le sautoir de poussoir gris entre les deux piliers plus loin.
3406.038 13.		Sautoir de poussoir A Fixer le sautoir de poussoir jaune entre les deux piliers plus proche.
3622.040 14.		Stator Marquage |Z| sur le stator.
3622.039 15.		Stator (cpt 6h, 9h et chrono)
3622.039 16.		Stator (cpt 6h, 9h et chrono)



C

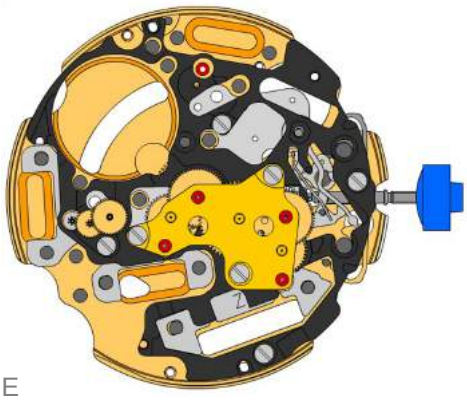
3603.079 17.		Potence plastique Potence plastique tenue par 4 vis 4000.250.
4000.250 18.		Vis
3715.094.RK 19.		Rotor
3715.094.RK 20.		Rotor
3147.046.CO 21.		Roue intermédiaire
3136.142.CO 22.		Roue de seconde (longue)



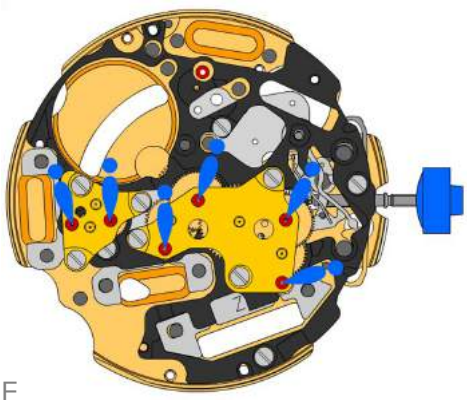
D

3147.047.CO 23.		Roue intermédiaire (cpt)
3136.143.CO 24.		Roue de chronographe (Aig.1)
3122.056.CO 25.		Roue moyenne

2020.148.G 26.		Pont de rouage Pont de rouage tenue par 3 vis 4000.250.
4000.250 27.		Vis
3715.095.RK 28.		Rotor Les pièces 3612.144.5021, 3715.095.RK et 3147.048.CO doivent être échangées ensemble.
3147.048.CO 29.		Roue intermédiaire (cpt) Les pièces 3612.144.5021, 3715.095.RK et 3147.048.CO doivent être échangées ensemble.
3402.006.CO 30.		Roue compteuse de minutes

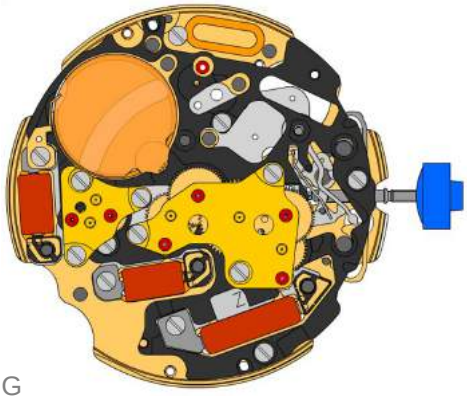


E

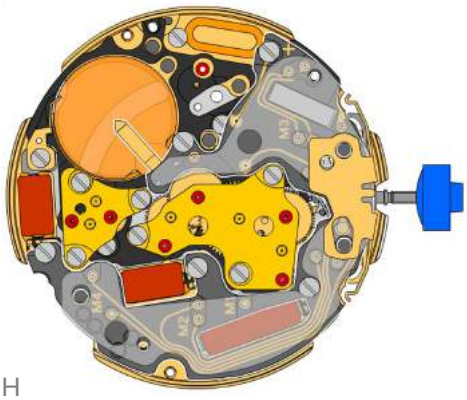


F

2020.149.G 31.		Pont de rouage compteur Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 32.		Vis
4000.250 33.		Vis
3621.053.RK 34.		Bobine Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.054.RK 35.		Bobine (cpt 9h, chrono) Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.054.RK 36.		Bobine (cpt 9h, chrono) Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
4000.250 37.		Vis
3601.118 38.		Bride contact Bride contact tenue par 1 vis 4000.250.
4000.250 39.		Vis
3603.034 40.		Isolateur pile

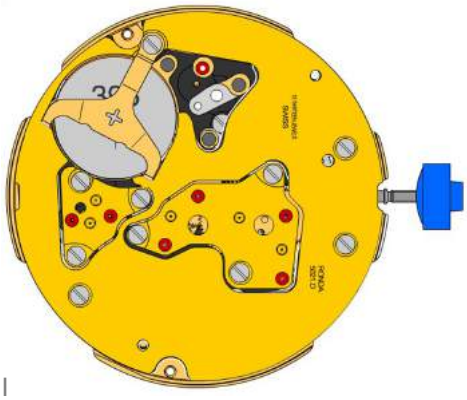


G

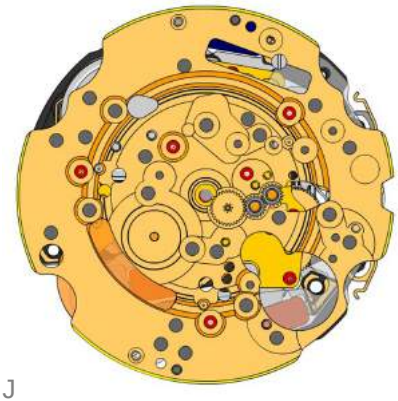


H

3612.144.5021 41.		Module électronique Module électronique tenue par 5 vis 4000.248. Les mesures électroniques peuvent être réaliser maintenant. Les pièces 3612.144.5021, 3715.095.RK et 3147.048.CO doivent être échangées ensemble.
4000.248 42.		Vis
3603.069 43.		Isolateur de circuit
3601.107.G 44.		Ressort contact poussoirs

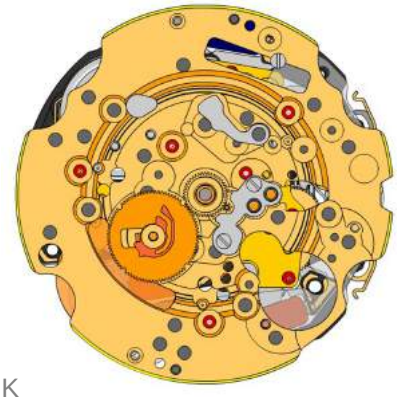


2130.137.G.M01.5021D 45.		Couvre-module électronique Couvre-module électronique held by 3 screws 4000.250.250
3600.010.HGF 46.		Pile 395
3601.109.G 47.		Bride + Bride tenue par 1 vis 4000.250.
4000.250 48.		Vis



J

2000.574.G 49.		Platine
3004.164 50.		Renvoi
3004.164 51.		Renvoi
3007.054.CO 52.		Roue de minuterie



K

2130.143 53.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 54.		Vis
3301.241 55.		Roue des heures (Aig.1)
3315.016 56.		Clinquant
3004.224.CO 57.		Roue entraîneuse de quantième
3500.049 58.		Sautoir de quantième

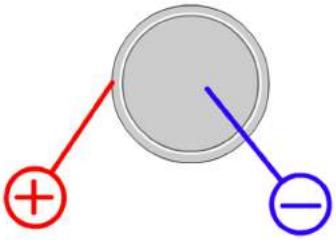
L

3504.208.AB.1.A 59.		Indicateur de quantième (standard) Marquage de l`indicateur à 3 heures.
2130.141 60.		Plaque de maintien de l`indicateur de quantième Plaque maintien indicateur de quantième tenue par 1 vis 4000.250.

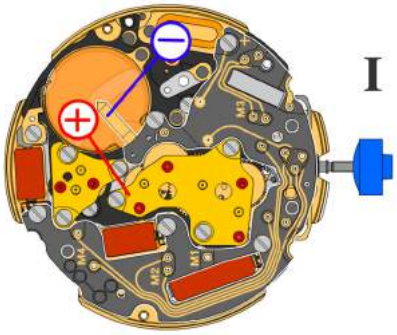
M

3905.070 61.		Ressort sautoir de quantième Insertion du ressort sautoir de quantième dans l`ouverture.
2130.140.G 62.		Plaque de maintien du mécanisme de quantième Plaque maintien mécanisme de quantième tenue par 2 vis 4000.250.
4000.250 63.		Vis
3506.072.G 64.		Support de cadran

8200 65.		Moebius 8200
9014 66.		Moebius 9014
124 67.		Jismaa 124
9020 68.		Moebius 9020

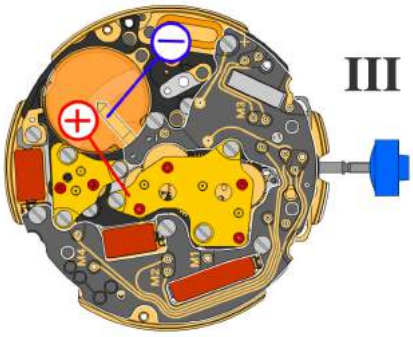


Pile	**395**
Tension	**1.55 V**



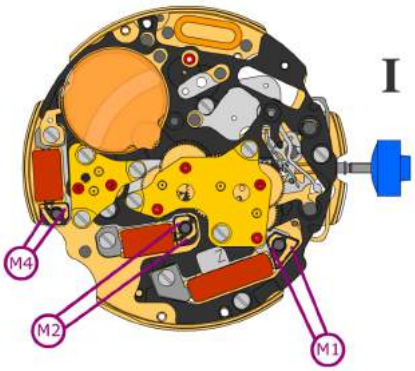
Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:

Consommation typique	***1.32 µA***
Consommation maximale	***1.65 µA***
Marche	**-10s/M. .. +20s/M.**
Limite inférieure de la tension de fonctionnement	**1.20 V**

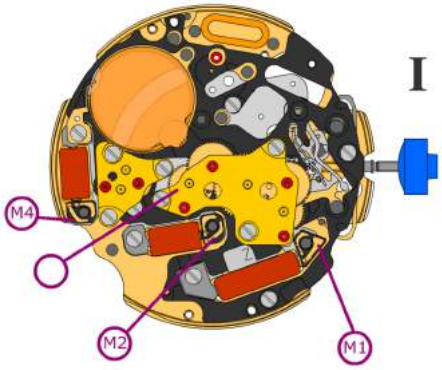


Setting stem in position III, 60 s measuring interval:

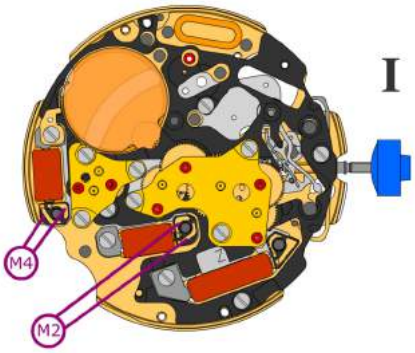
Typical consumption	***0.10 µA***
Maximal consumption	***0.30 µA***



Résistance de la bobine M1	**1.90 kΩ .. 2.10 kΩ**
Résistance de la bobine M2	**1.68 kΩ .. 1.88 kΩ**
Résistance de la bobine M4	**1.68 kΩ .. 1.88 kΩ**

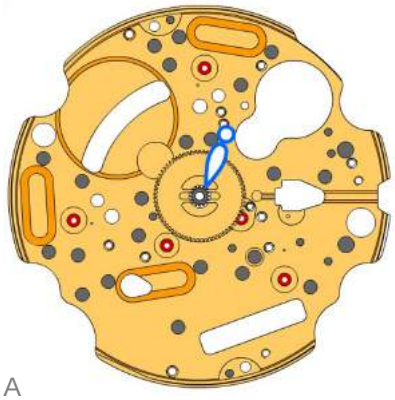


Résistance des bobines M1-M4	**∞ kΩ**

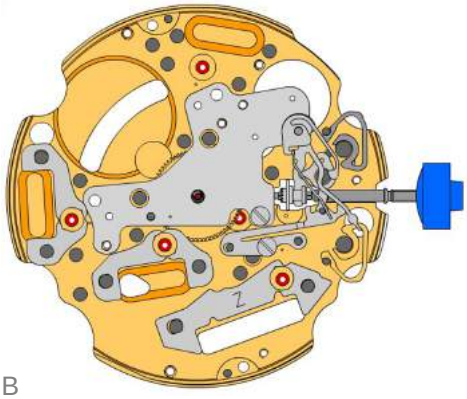


Générateur d'impulsion (4.9 ms, 8 Hz):

Limites inférieures de la tension de fonctionnement M2-M4	**1.20 V**

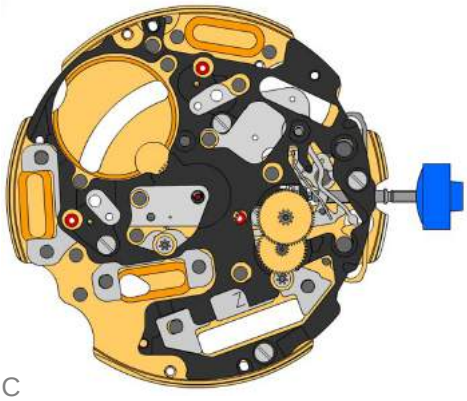


A



B

2000.574.G 1.		Main plate
3305.275.CO 2.		Cannon pinion with driver (Aig.1)
2030.017.CO 3.		Centre bridge Centre bridge held by 1 screw 4000.250.
4000.250 4.		Screw
3001.055.FI 5.		Sliding pinion
3000.177.CO 6.		Setting stem
3017.049 7.		Setting lever
3905.049 8.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
4000.250 9.		Screw
3015.081 10.		Yoke (3 positions) Parts 3015.081 and 3905.067 must be exchanged together.
3905.067 11.		Yoke spring Tensioning the spring arm. Parts 3015.081 and 3905.067 must be exchanged together.
3406.030 12.		Pusher jumper B Put the grey jumper between the two posts on the further side.
3406.038 13.		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
3622.040 14.		Stator Mark |Z| on stator.
3622.039 15.		Stator (counter 6h, 9h and chrono)
3622.039 16.		Stator (counter 6h, 9h and chrono)



C

3603.079 17. Plastic bracket
Plastic bracket held by 4 screws 4000.250.

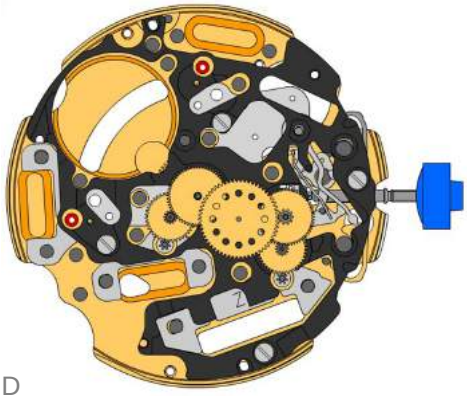
4000.250 18. Screw

3715.094.RK 19. Rotor

3715.094.RK 20. Rotor

3147.046.CO 21. Intermediate wheel

3136.142.CO 22. Second wheel (long)

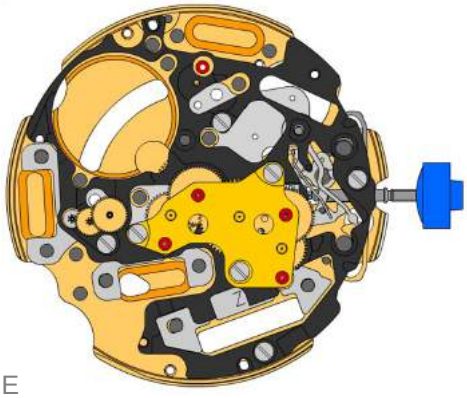


D

3147.047.CO 23. Intermediate wheel (chrono)

3136.143.CO 24. Chronograph wheel (Aig.1)

3122.056.CO 25. Third wheel



E

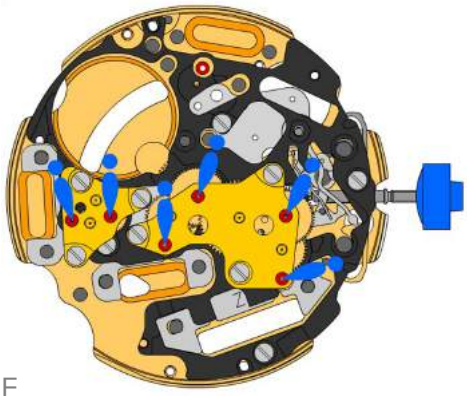
2020.148.G 26. Train wheel bridge
Train wheel bridge held by 3 screws 4000.250.

4000.250 27. Screw

3715.095.RK 28. Rotor
Parts 3612.144.5021, 3715.095.RK and 3147.048.CO must be exchanged together.

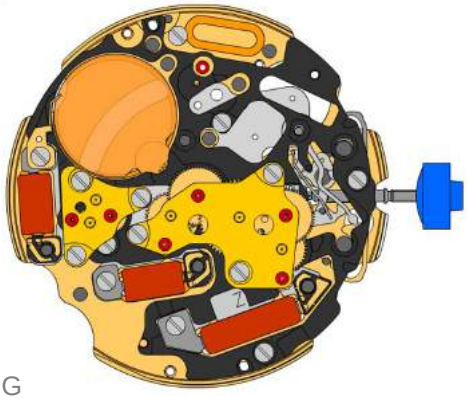
3147.048.CO 29. Intermediate wheel (counter)
Parts 3612.144.5021, 3715.095.RK and 3147.048.CO must be exchanged together.

3402.006.CO 30. Minute counting wheel

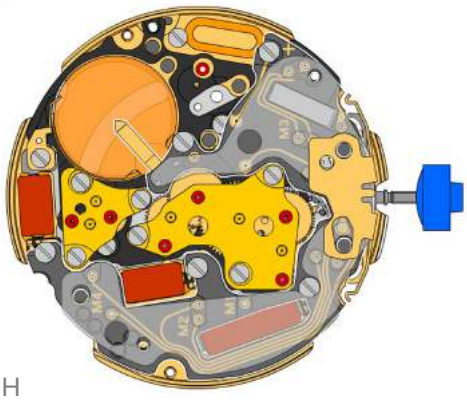


F

2020.149.G 31.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 32.		Screw
4000.250 33.		Screw
3621.053.RK 34.		Coil Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 35.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 36.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
4000.250 37.		Screw
3601.118 38.		Contact strip Contact strip held by 1 screw 4000.250.
4000.250 39.		Screw
3603.034 40.		Battery insulator

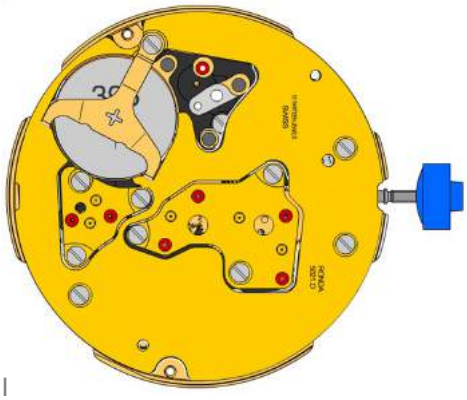


G

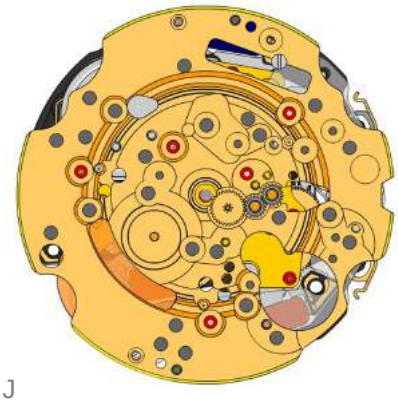


H

3612.144.5021 41.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now. Parts 3612.144.5021, 3715.095.RK and 3147.048.CO must be exchanged together.
4000.248 42.		Screw
3603.069 43.		Circuit insulator
3601.107.G 44.		Pusher contact spring

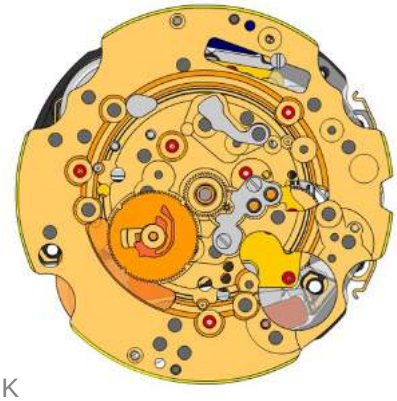


2130.137.G.M01.5021D 45.		Electronic module cover Electronic module cover held by 3 screws 4000.250.
3600.010.HGF 46.		Battery 395
3601.109.G 47.		Bridle + Bridle held by 1 screw 4000.250.
4000.250 48.	 	Screw



J

2000.574.G 49.		Main plate
3004.164 50.		Setting wheel
3004.164 51.		Setting wheel
3007.054.CO 52.		Minute wheel



K

2130.143 53.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 54.		Screw
3301.241 55.		Hour wheel (Aig.1)
3315.016 56.		Friction spring
3004.224.CO 57.		Date indicator driving wheel
3500.049 58.		Date jumper

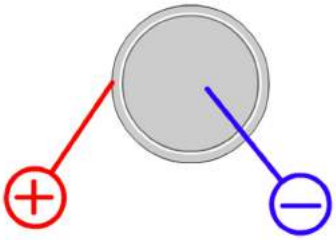
L

3504.208.AB.1.A 59.		Date indicator (standard) Nick of the indicator at 3 o`clock.
2130.141 60.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.

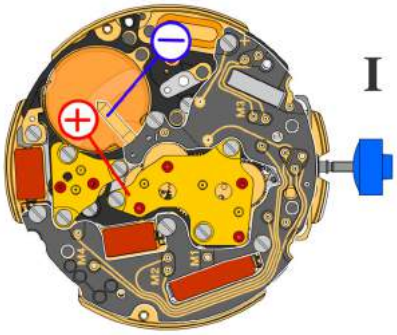
M

3905.070 61.		Date jumper spring Insert the date jumper spring in the provided opening.
2130.140.G 62.		Date mechanism maintaining plate Date mechanism maintaining plate held by 2 screws 4000.250.
4000.250 63.		Screw
3506.072.G 64.		Dial support

8200 65.		Moebius 8200
9014 66.		Moebius 9014
124 67.		Jismaa 124
9020 68.		Moebius 9020

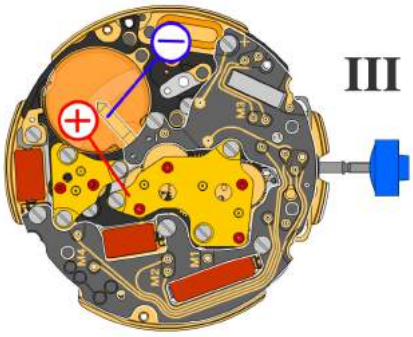


Battery	**395**
Voltage	**1.55 V**



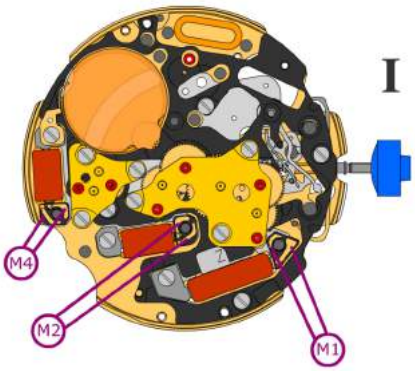
Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:

Typical consumption	***1.32 µA***
Maximal consumption	***1.65 µA***
Rate	**-10s/M. .. +20s/M.**
Lower working voltage limit	**1.20 V**

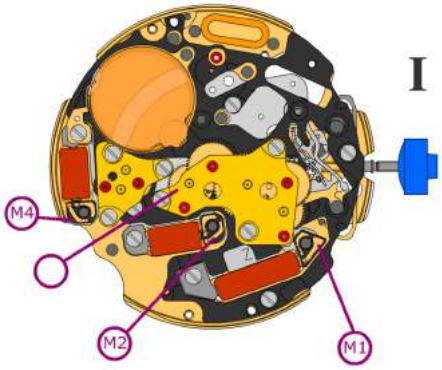


Setting stem in position III, 60 s measuring interval:

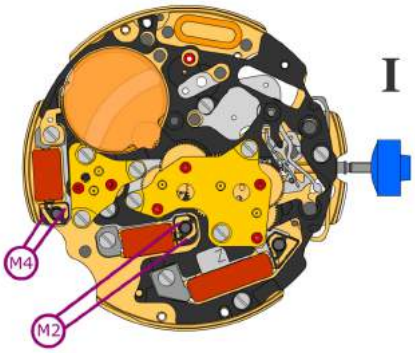
Typical consumption	***0.10 µA***
Maximal consumption	***0.30 µA***



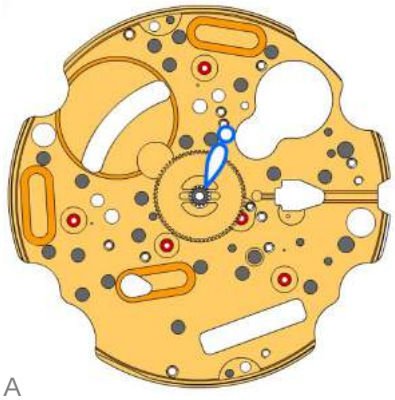
Coil resistance M1	**1.90 kΩ .. 2.10 kΩ**
Coil resistance M2	**1.68 kΩ .. 1.88 kΩ**
Coil resistance M4	**1.68 kΩ .. 1.88 kΩ**



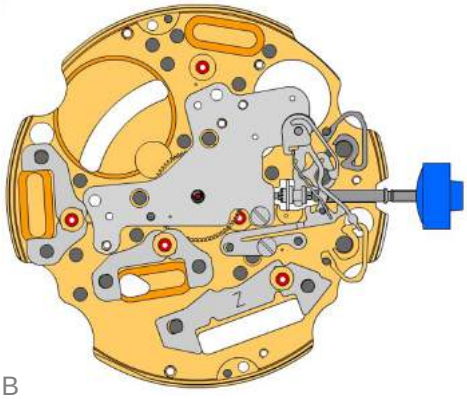
Coil resistances M1-M4	**∞ kΩ**



Signal generator (4.9 ms, 8 Hz):	
Lower working voltage limits M2-M4	**1.20 V**

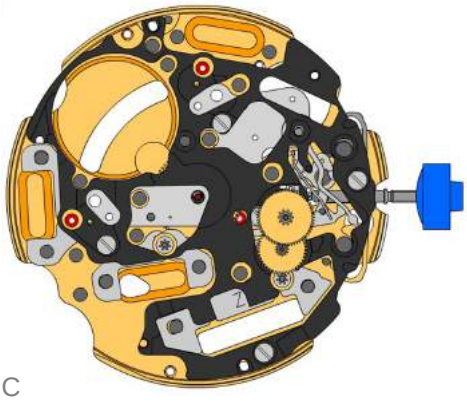


A



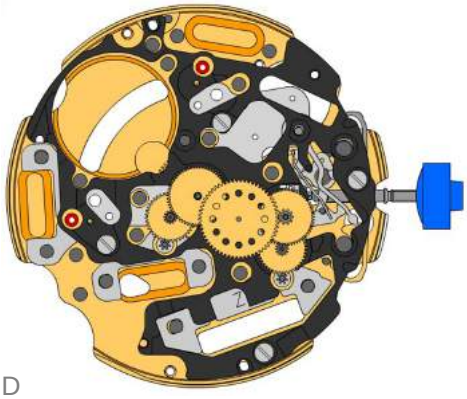
B

2000.574.G 1.		Werkplatte
3305.275.CO 2.		Minutenrohr mit Mitnehmer (Aig.1)
2030.017.CO 3.		Zentrumbrücke Zentrumbrücke gehalten durch 1 Schraube 4000.250.
4000.250 4.		Schraube
3001.055.FI 5.		Kupplungstrieb
3000.177.CO 6.		Stellwelle
3017.049 7.		Winkelhebel
3905.049 8.		Winkelhebelraste (3 Positionen) Winkelhebelraste gehalten durch 1 Schraube 4000.250.
4000.250 9.		Schraube
3015.081 10.		Wippe (3 Positionen) Die Teile 3015.081 und 3905.067 sind zusammen auszutauschen.
3905.067 11.		Wippenfeder Den Federarm spannen. Die Teile 3015.081 und 3905.067 sind zusammen auszutauschen.
3406.030 12.		Drückerraste B Graue Drückerraste zwischen den beiden Säulen auf der entfernteren Seite platzieren.
3406.038 13.		Drückerraste A Gelbe Drückerraste zwischen den beiden Säulen auf der näheren Seite platzieren.
3622.040 14.		Stator Markierung |Z| auf Stator.
3622.039 15.		Stator (Zähler 6h, 9h, Chrono)
3622.039 16.		Stator (Zähler 6h, 9h, Chrono)



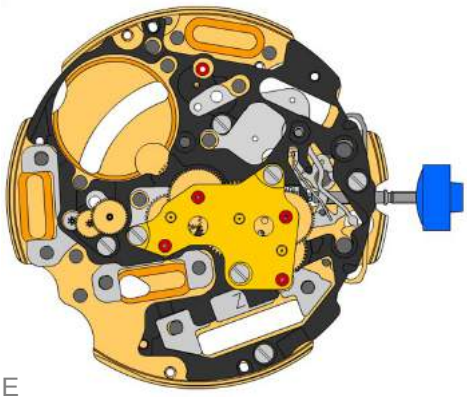
C

3603.079 17.		Kunststoffhalterung Kunststoffhalterung gehalten durch 4 Schrauben 4000.250.
4000.250 18.		Schraube
3715.094.RK 19.		Rotor
3715.094.RK 20.		Rotor
3147.046.CO 21.		Zwischenrad
3136.142.CO 22.		Sekundenrad (lang)



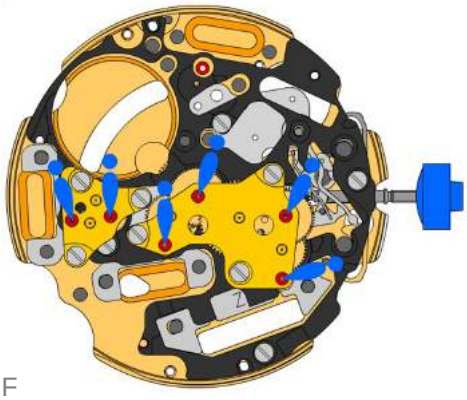
D

3147.047.CO 23.		Zwischenrad (Chrono)
3136.143.CO 24.		Chrono-Zentrumrad (Aig.1)
3122.056.CO 25.		Kleinbodenrad



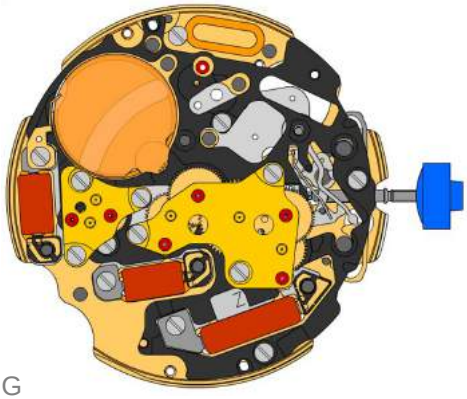
E

2020.148.G 26.		Räderwerkbrücke Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 27.		Schraube
3715.095.RK 28.		Rotor Die Teile 3612.144.5021, 3715.095.RK und 3147.048.CO sind zusammen auszutauschen.
3147.048.CO 29.		Zwischenrad (Zähler) Die Teile 3612.144.5021, 3715.095.RK und 3147.048.CO sind zusammen auszutauschen.
3402.006.CO 30.		Minutenzählrad

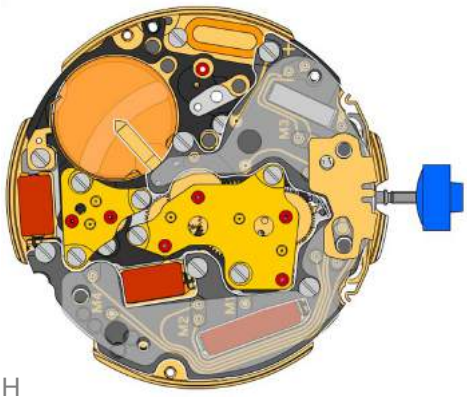


F

2020.149.G 31.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 32.		Schraube
4000.250 33.		Schraube
3621.053.RK 34.		Spule Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 35.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 36.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
4000.250 37.		Schraube
3601.118 38.		Kontaktbügel Kontaktbügel gehalten durch 1 Schraube 4000.250.
4000.250 39.		Schraube
3603.034 40.		Isolation für Batterie

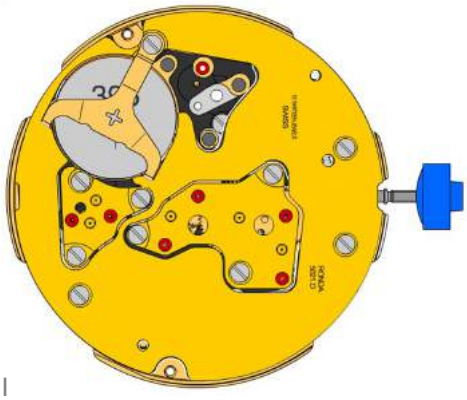


G

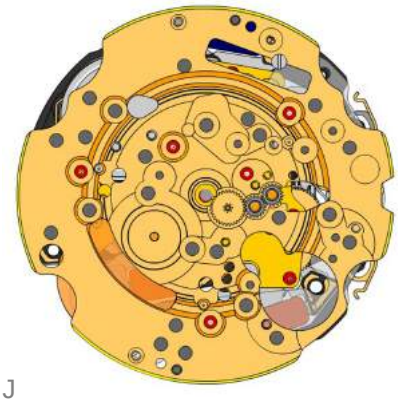


H

3612.144.5021 41.		Elektronikmodul Elektronikmodul gehalten durch 5 Schrauben 4000.248. Elektronische Messungen können nun vorgenommen werden. Die Teile 3612.144.5021, 3715.095.RK und 3147.048.CO sind zusammen auszutauschen.
4000.248 42.		Schraube
3603.069 43.		Isolation für Schaltung
3601.107.G 44.		Drückerkontaktfeder

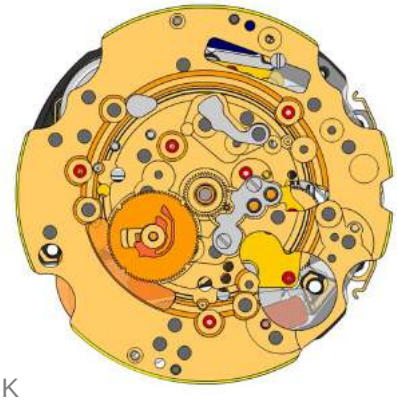


2130.137.G.M01.5021D 45.		Deckplatte für Elektronikmodul Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.
3600.010.HGF 46.		Batterie 395
3601.109.G 47.		Bügel + Bügel gehalten durch 1 Schraube 4000.250.
4000.250 48.		Schraube



J

2000.574.G 49.		Werkplatte
3004.164 50.		Zeigerstellrad
3004.164 51.		Zeigerstellrad
3007.054.CO 52.		Wechselrad



K

2130.143 53.		Wechselradbrücke Wechselradbrücke gehalten durch 2 Schrauben 4000.305.
4000.305 54.		Schraube
3301.241 55.		Stundenrad (Aig.1)
3315.016 56.		Friktionsfeder
3004.224.CO 57.		Datumanzeiger-Mitnehmerrad
3500.049 58.		Datumraste

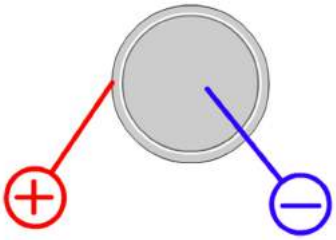
L

3504.208.AB.1.A 59.		Datumsanzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
2130.141 60.		Halteplatte für Datumanzeige Halteplatte für Datumanzeige gehalten durch 1 Schraube 4000.250.

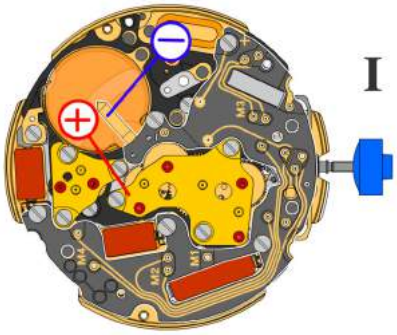
M

3905.070 61.		Feder für Datumraste Feder für Datumsraste in die Öffnung einfügen.
2130.140.G 62.		Halteplatte für Datum-Mechanismus Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.250.
4000.250 63.		Schraube
3506.072.G 64.		Träger für Zifferblatt

8200 65.		Moebius 8200
9014 66.		Moebius 9014
124 67.		Jismaa 124
9020 68.		Moebius 9020

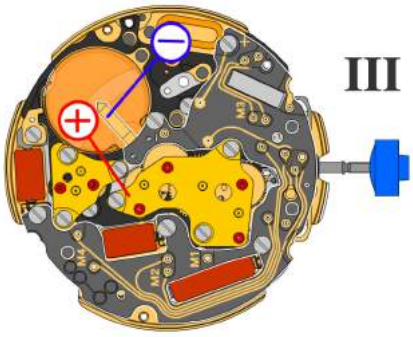


Batterie	**395**
Spannung	**1.55 V**



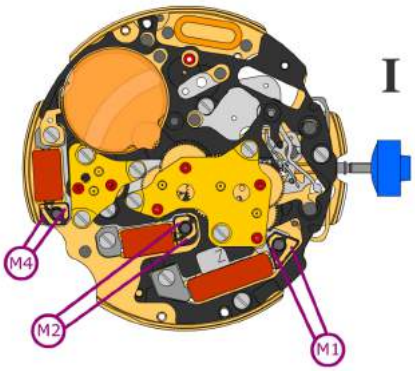
Stellwelle in Position I, Kalender nicht im Eingriff, 60 s Messintervall für Gang und Verbrauch:

Typischer Verbrauch	***1.32 µA***
Maximaler Verbrauch	***1.65 µA***
Gang	**-10s/M. .. +20s/M.**
Untere Funktionsspannungsgrenze	**1.20 V**

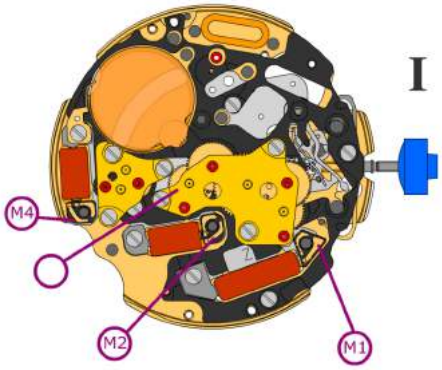


Stellwelle in Position III, 60 s Messintervall:

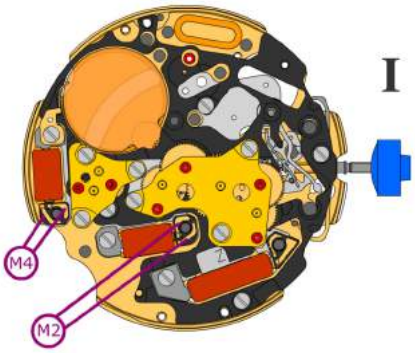
Typischer Verbrauch	***0.10 µA***
Maximaler Verbrauch	***0.30 µA***



Spulenwiderstand M1	**1.90 kΩ .. 2.10 kΩ**
Spulenwiderstand M2	**1.68 kΩ .. 1.88 kΩ**
Spulenwiderstand M4	**1.68 kΩ .. 1.88 kΩ**



Spulenisolationen M1-M4	**∞ kΩ**



Pulsgenerator (4.9 ms, 8 Hz):	
Untere Funktionsspannungs-grenzen M2-M4	**1.20 V**