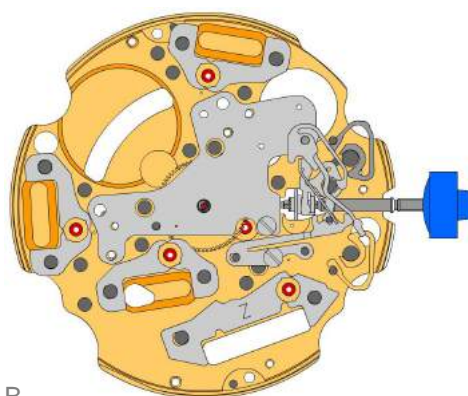
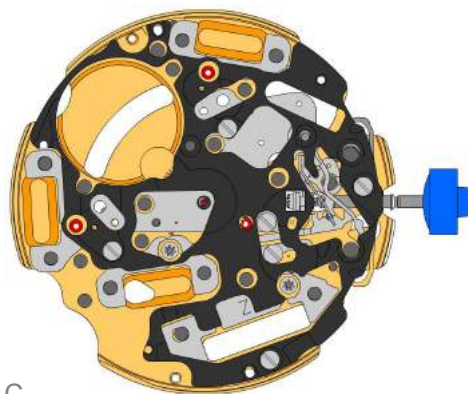






A

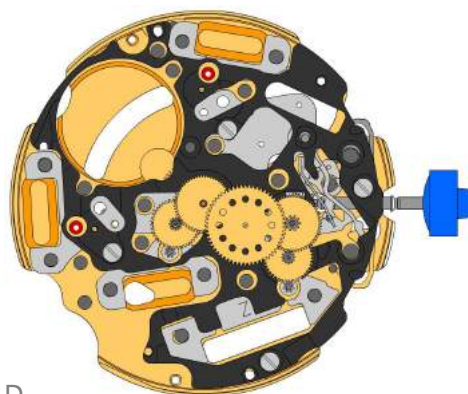







B

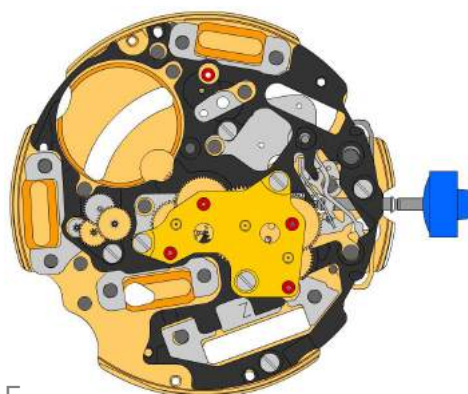
2000.574.G 1.		Platine
3305.282.CO 2.		Chaussée avec entraîneur (Aig.2)
3301.244 3.		Roue des heures (cpt 24h)
2030.032.CO 4.		Pont de centre Pont de centre tenue par 1 vis 4000.250.
4000.250 5.		Vis
3001.055.FI 6.		Pignon coulant
3000.177.CO 7.		Tige de mise à l'heure
3017.049 8.		Tirette
3905.049 9.		Sautoir de tirette (3 positions) Sautoir de tirette tenue par 1 vis 4000.250.
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.
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, chrono)
3622.039 16.		Stator (cpt 6h, 9h, chrono)
3622.039 17.		Stator (cpt 6h, 9h, chrono)
4000.250 18.		Vis








C

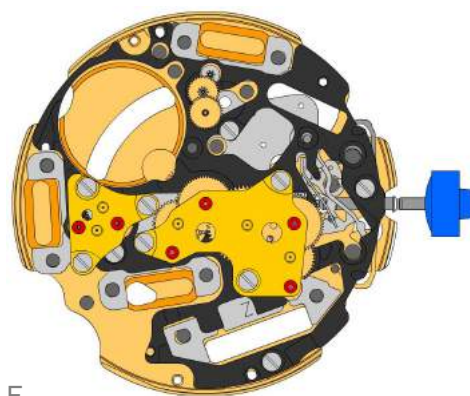
3603.079 19.		Potence plastique Potence plastique tenue par 4 vis 4000.250.
4000.250 20.		Vis
3715.094.RK 21.		Rotor
3715.094.RK 22.		Rotor


D

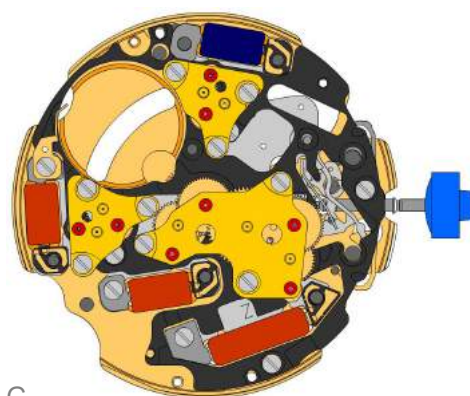
3147.046.CO 23.		Roue intermédiaire
3136.142.CO 24.		Roue de seconde (longue)
3147.047.CO 25.		Roue intermédiaire (chrono)
3136.144.CO 26.		Roue de chronographe (Aig.2)
3122.056.CO 27.		Roue moyenne


E

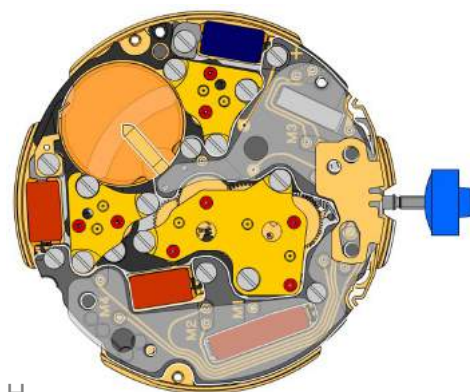
2020.148.G 28.		Pont de rouage Pont de rouage tenue par 3 vis 4000.250.
4000.250 29.		Vis
3715.095.RK 30.		Rotor
3147.048.CO 31.		Roue intermédiaire (cpt)
3007.056.CO 32.		Roue de minuterie (cpt 24h)
3402.008.CO 33.		Roue compteuse de minutes


F

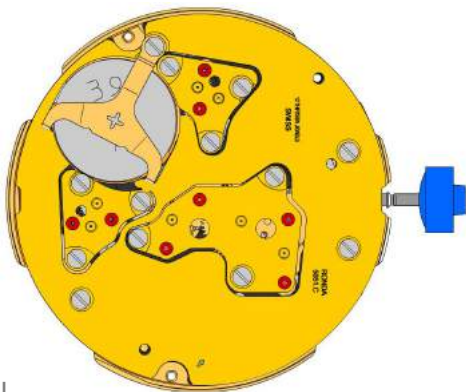
2020.149.G 34.		Pont de rouage compteur Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 35.		Vis
3715.095.RK 36.		Rotor
3147.053.CO 37.		Roue intermédiaire (cpt 1/10sec)
3402.016.CO 38.		Roue compteuse de 1/10 sec


G

2020.149.G 39.		Pont de rouage compteur Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 40.		Vis
3621.053.RK 41.		Bobine Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.054.RK 42.		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 43.		Bobine (cpt 9h, chrono) Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.055.RK 44.		Bobine (cpt 6h) Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
4000.250 45.		Vis
3601.118 46.		Bride contact Bride contact tenue par 1 vis 4000.250.
4000.250 47.		Vis
3603.034 48.		Isolateur pile


H

3612.144.5050 49.		Module électronique Module électronique tenue par 5 vis 4000.248. Les mesures électroniques peuvent être réaliser maintenant.
4000.248 50.		Vis
3603.069 51.		Isolateur de circuit
3601.107.G 52.		Ressort contact pousoirs



2130.137.G.M01.5051C
53.



Couvre-module électronique
Couvre-module électronique tenue par 3 vis 4000.250.

3600.010.HGF
54.



Pile 395

3601.109.G
55.

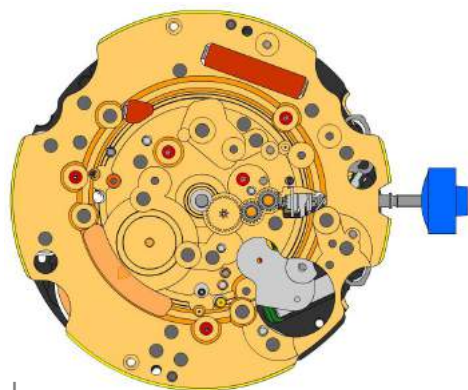


Bride +
Bride tenue par 1 vis 4000.250.

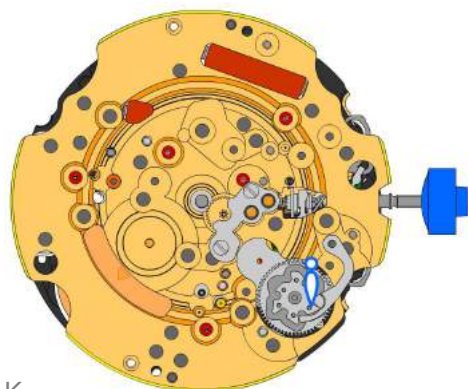
4000.250
56.



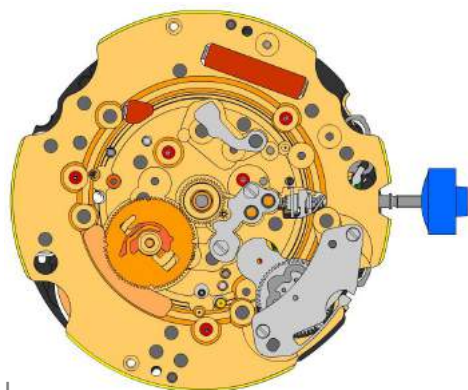
Vis


J

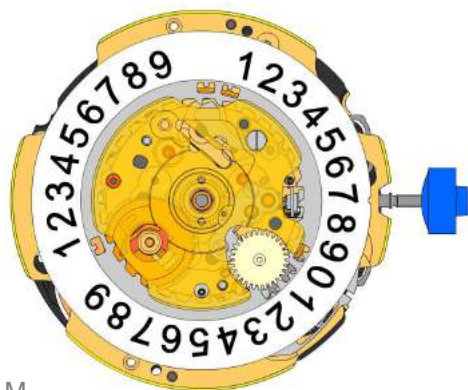
2000.574.G 57.		Platine
3004.164 58.		Renvoi
3004.164 59.		Renvoi
3007.054.CO 60.		Roue de minuterie







K

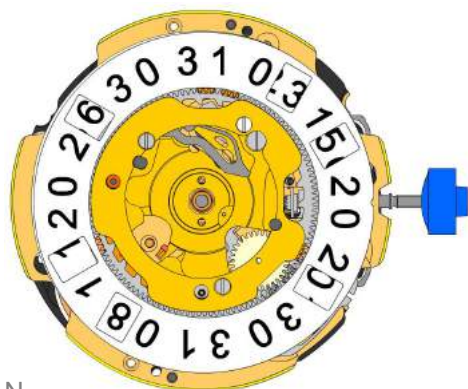
2130.143 61.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 62.		Vis
3004.227 63.		Roue entraîneuse des dizaines Positionnement de la dent courte de la roue entraîneuse des dizaines en direction le centre du mouvement.
3500.075 64.		Sautoir des dizaines
2130.142 65.		Plaque de maintien du sautoir des dizaines Plaque maintien sautoir des dizaines tenue par 2 vis 4000.306. Mise en tension du ressort en mettant le bras derrière du sautoir des dizaines.
4010.306 66.		Vis


L

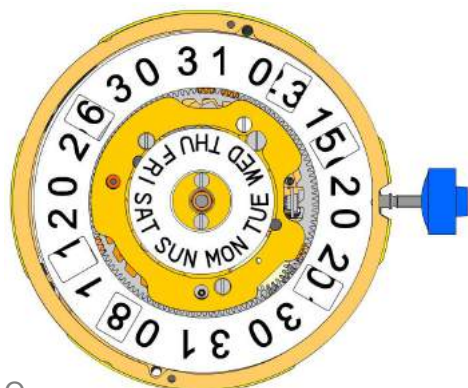
3301.242 67.		Roue des heures (Aig.2)
3315.016 68.		Clinquant
3004.224.CO 69.		Roue entraîneuse de quantième
3500.049 70.		Sautoir de quantième






M





3504.214.AF.1.A 71.		Indicateur des unités (standard) Marquage de l'indicateur à 3 heures.
3147.054 72.		Roue intermédiaire dizaines
2130.163 73.		Plaque de maintien de l'indicateur de quantième Plaque maintien indicateur de quantième tenue par 1 vis 4000.282.
4000.282 74.		Vis
3905.070 75.		Ressort sautoir de quantième Insertion du ressort sautoir de quantième dans l'ouverture.

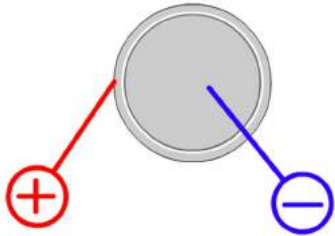

N

3504.216.AF.1.A 76.		Indicateur des dizaines (standard) Marquage de l'indicateur à 3 heures.
3500.055 77.		Sautoir des jours
3004.175 78.		Doigt des jours
2130.162.G 79.		Plaque de maintien du mécanisme de quantième Plaque maintien mécanisme de quantième tenue par 2 vis 4000.312 et 1 vis 4000.300.
4000.312 80.		Vis

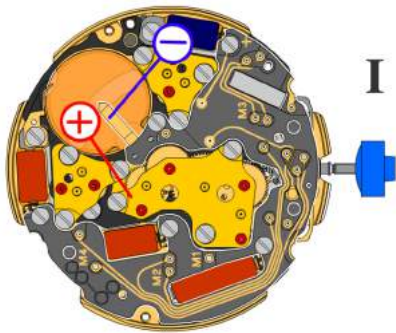

O

3508.155.AQ.E.A 81.		Indicateur du jour (standard)
2130.164.G 82.		Plaque de maintien de l'indicateur du jour Plaque maintien indicateur du jour tenue par 2 vis 4000.311.
4000.311 83.		Vis
3506.072.G 84.		Support de cadran

8200 85.		Moebius 8200
9014 86.		Moebius 9014
124 87.		Jismaa 124
9020 88.		Moebius 9020

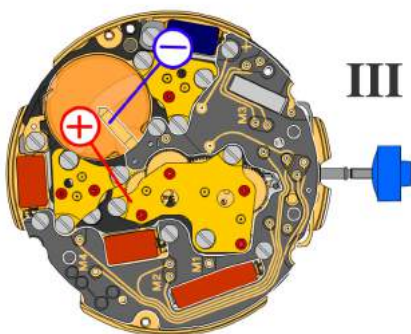


Pile	395
Tension	1.55 V



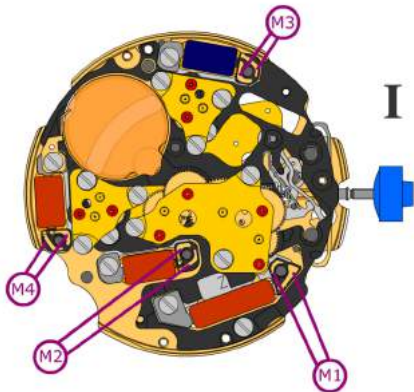
Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:

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



Tige de mise à l'heure en position III, intervalle de mesure 60 s:

Typical consumption	0.10 μA
Maximal consumption	0.30 μA

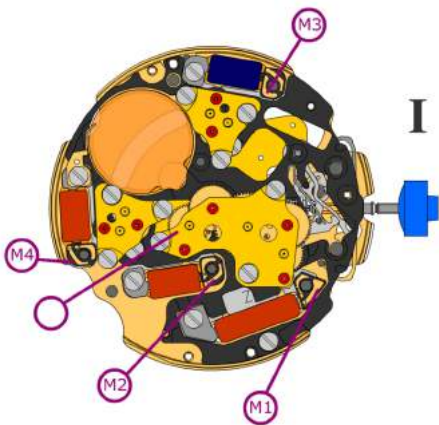


Résistance de la bobine M1 **1.90 kΩ .. 2.10 kΩ**

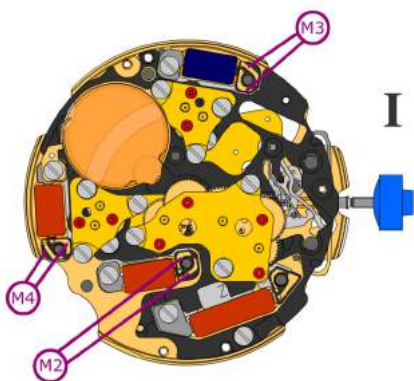
Résistance de la bobine M2 **1.68 kΩ .. 1.88 kΩ**

Résistance de la bobine M3 **1.68 kΩ .. 1.88 kΩ**

Résistance de la bobine M4 **1.68 kΩ .. 1.88 kΩ**

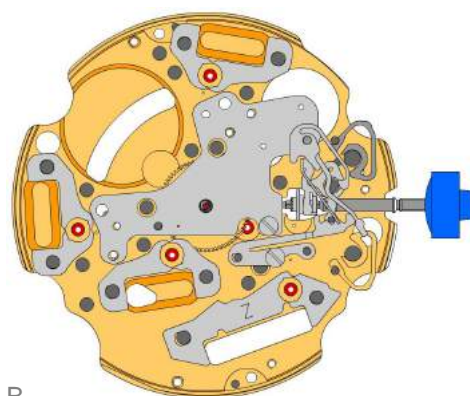
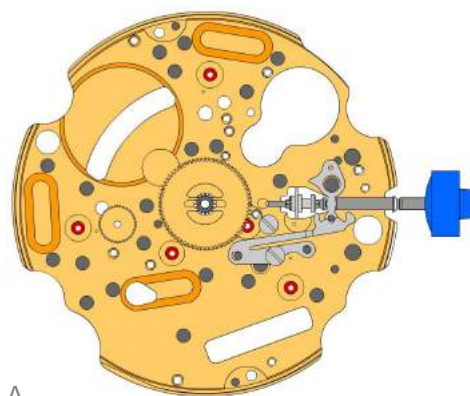




















Isolation de la bobine
M1/M2/M3/M4 **∞ kΩ**

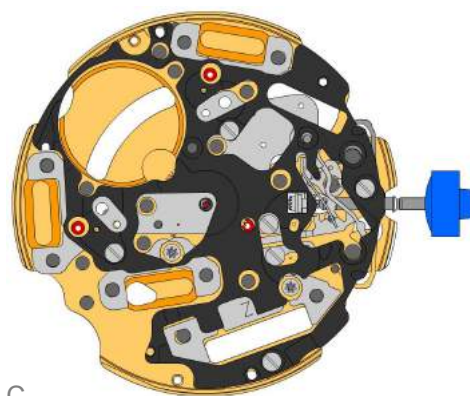


Générateur d'impulsion
(4.9 ms, 8 Hz):





Limite inférieure de la tension de
fonctionnement M2/M3/M4 **1.20 V**

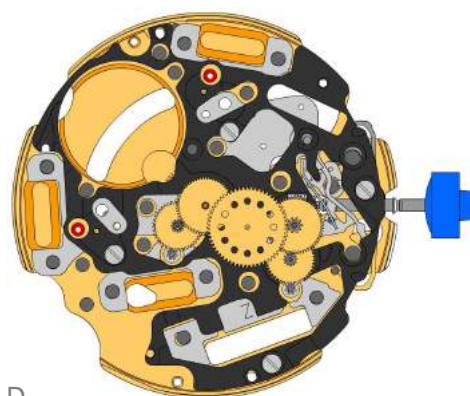


2000.574.G 1.		Main plate
3305.282.CO 2.		Cannon pinion with driver (Aig.2)
3301.244 3.		Hour wheel (counter 24h)
2030.032.CO 4.		Centre bridge Centre bridge held by 1 screw 4000.250.
4000.250 5.		Screw
3001.055.FI 6.		Sliding pinion
3000.177.CO 7.		Setting stem
3017.049 8.		Setting lever
3905.049 9.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
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.
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, chrono)
3622.039 16.		Stator (counter 6h, 9h, chrono)
3622.039 17.		Stator (counter 6h, 9h, chrono)
4000.250 18.		Screw








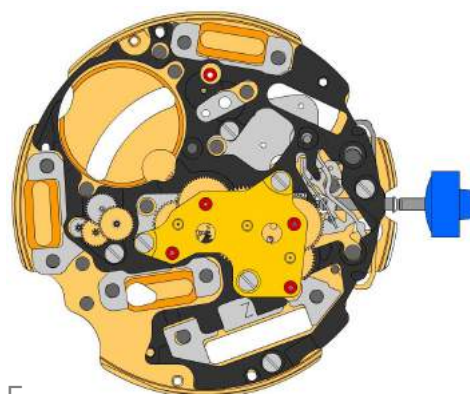
C

3603.079 19.		Plastic bracket Plastic bracket held by 4 screws 4000.250.
4000.250 20.		Screw
3715.094.RK 21.		Rotor
3715.094.RK 22.		Rotor









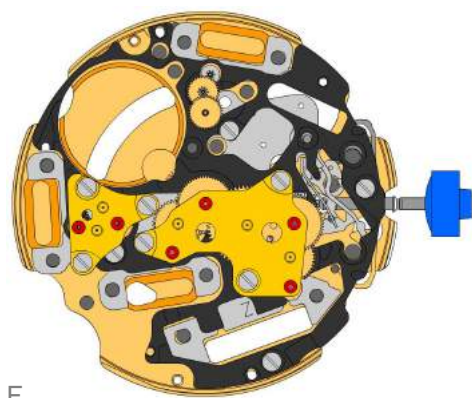
D

3147.046.CO 23.		Intermediate wheel
3136.142.CO 24.		Second wheel (long)
3147.047.CO 25.		Intermediate wheel (chrono)
3136.144.CO 26.		Chronograph wheel (Aig.2)
3122.056.CO 27.		Third wheel








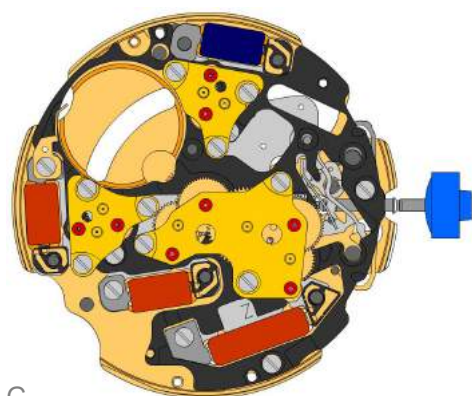
E

2020.148.G 28.		Train wheel bridge Train wheel bridge held by 3 screws 4000.250.
4000.250 29.		Screw
3715.095.RK 30.		Rotor
3147.048.CO 31.		Intermediate wheel (counter)
3007.056.CO 32.		Minute wheel (counter 24h)
3402.008.CO 33.		Minute counting wheel









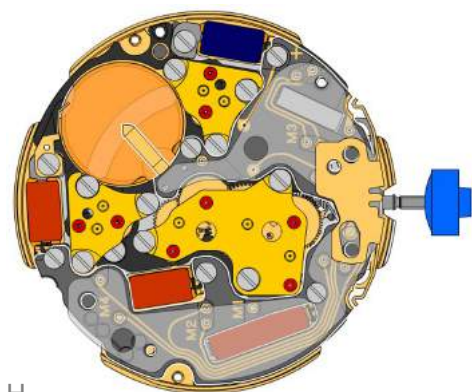
F

2020.149.G 34.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 35.		Screw
3715.095.RK 36.		Rotor
3147.053.CO 37.		Intermediate wheel (counter 1/10sec)
3402.016.CO 38.		Counting wheel 1/10 sec











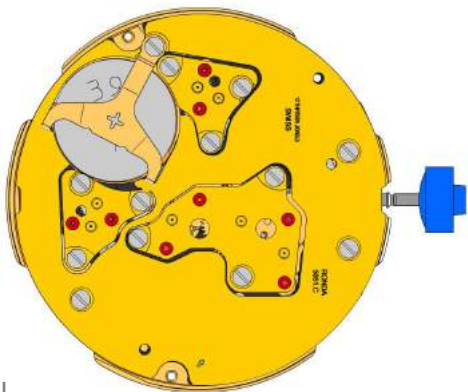
G

2020.149.G 39.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 40.		Screw
3621.053.RK 41.		Coil Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 42.		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 43.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.055.RK 44.		Coil (counter 6h) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.



H

4000.250 45.		Screw
3601.118 46.		Contact strip Contact strip held by 1 screw 4000.250.
4000.250 47.		Screw
3603.034 48.		Battery insulator
3612.144.5050 49.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 50.		Screw
3603.069 51.		Circuit insulator
3601.107.G 52.		Pusher contact spring

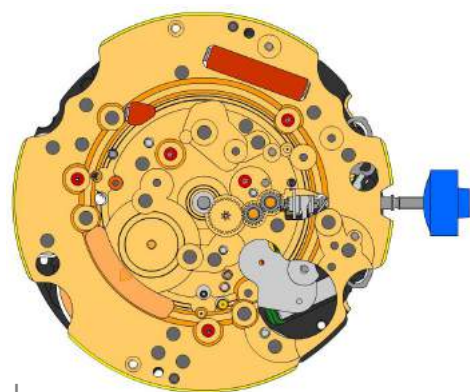


2130.137.G.M01.5051C
53.  **Electronic module cover**
Electronic module cover held by 3 screws 4000.250.





3600.010.HGF
54.  **Battery 395**

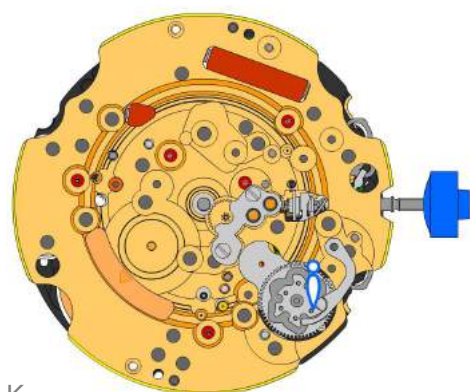
3601.109.G
55.  **Bridge +**
Bridge held by 1 screw 4000.250.

4000.250
56.  **Screw**







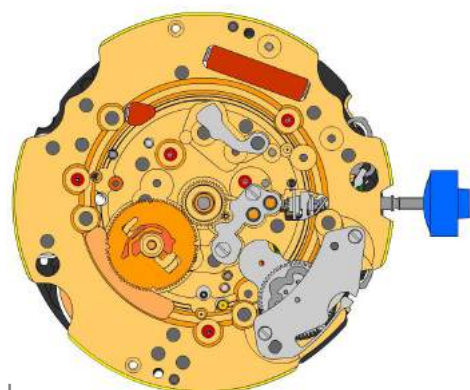
J

2000.574.G 57.		Main plate
3004.164 58.		Setting wheel
3004.164 59.		Setting wheel
3007.054.CO 60.		Minute wheel









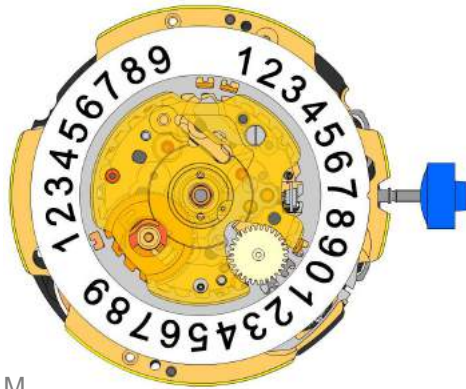
K

2130.143 61.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 62.		Screw
3004.227 63.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.075 64.		Tens jumper








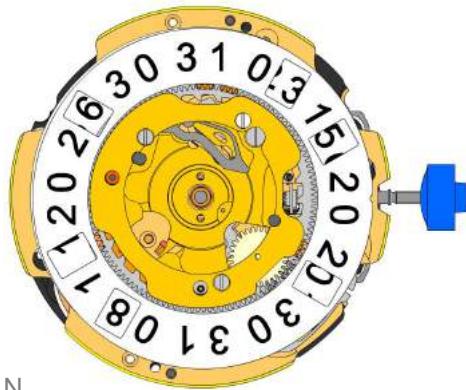
L

2130.142 65.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.306. Place the spring loaded bracket outside of the tens jumper.
4010.306 66.		Screw
3301.242 67.		Hour wheel (Fig.2)
3315.016 68.		Friction spring
3004.224.CO 69.		Date indicator driving wheel
3500.049 70.		Date jumper








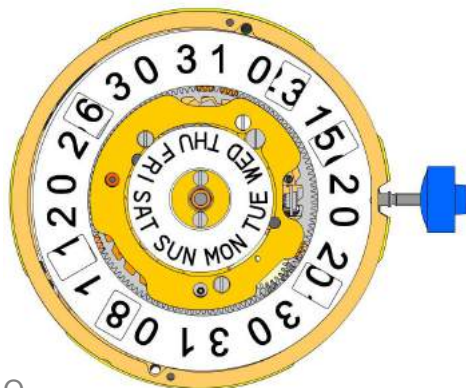
M

3504.214.AF.1.A 71.		Units indicator (standard) Nick of the indicator at 3 o'clock.
3147.054 72.		Tens intermediate wheel
2130.163 73.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.282.
4000.282 74.		Screw
3905.070 75.		Date jumper spring Insert the date jumper spring in the provided opening.











N

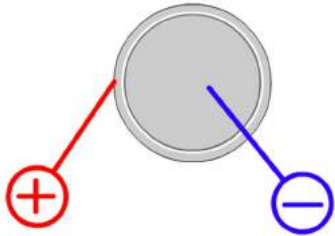
3504.216.AF.1.A 76.		Tens indicator (standard) Nick of the indicator at 3 o'clock.
3500.055 77.		Day jumper
3004.175 78.		Day finger
2130.162.G 79.		Date mechanism maintaining plate Date mechanism maintaining plate held by 2 screws 4000.312 and 1 screw 4000.300.
4000.312 80.		Screw



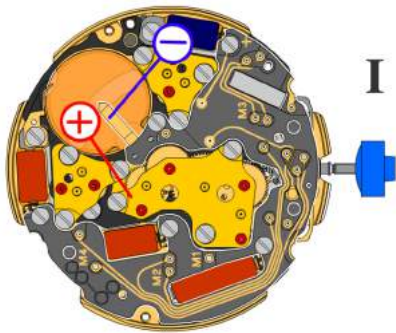
O

3508.155.AQ.E.A 81.		Day indicator (standard)
2130.164.G 82.		Day indicator maintaining plate Day indicator maintaining plate held by 2 screws 4000.311.
4000.311 83.		Screw
3506.072.G 84.		Dial support

8200 85.		Moebius 8200
9014 86.		Moebius 9014
124 87.		Jismaa 124
9020 88.		Moebius 9020

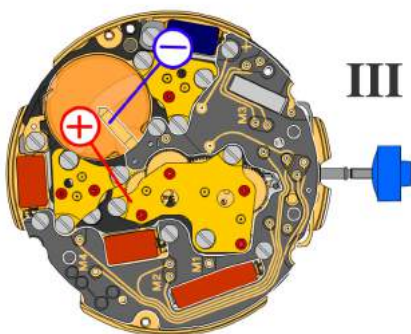


Battery	395
Voltage	1.55 V



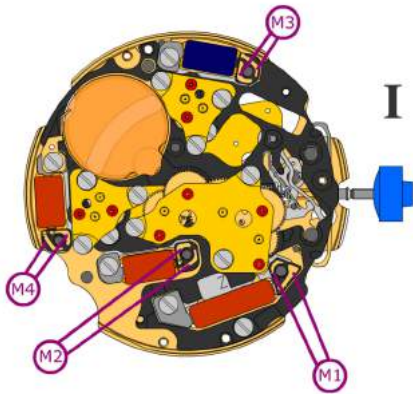
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

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

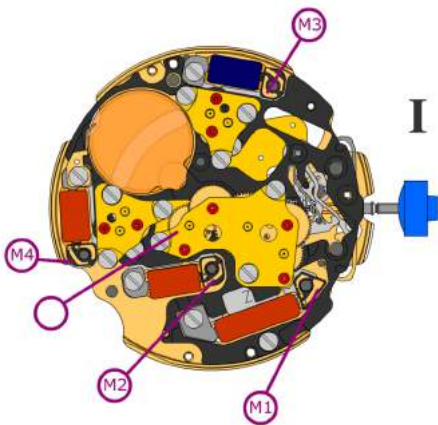


Coil resistance M1 **1.90 k Ω .. 2.10 k Ω**

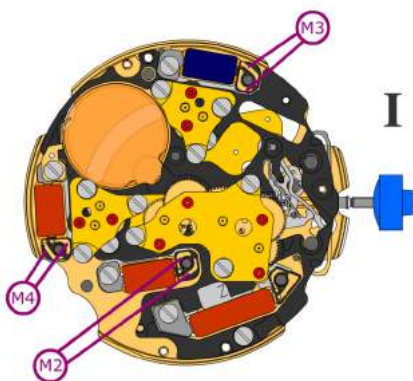
Coil resistance M2 **1.68 k Ω .. 1.88 k Ω**

Coil resistance M3 **1.68 k Ω .. 1.88 k Ω**

Coil resistance M4 **1.68 k Ω .. 1.88 k Ω**

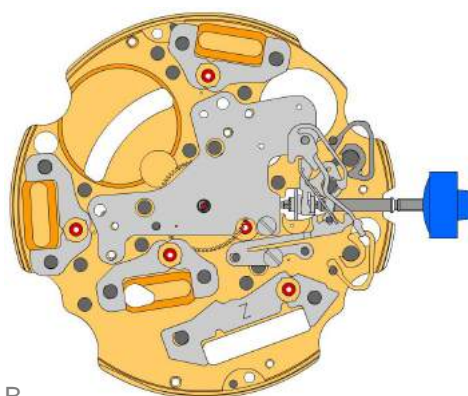
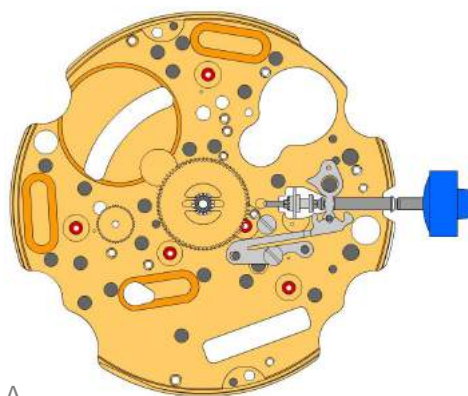



Coil isolation M1/M2/M3/M4 **∞ k Ω**

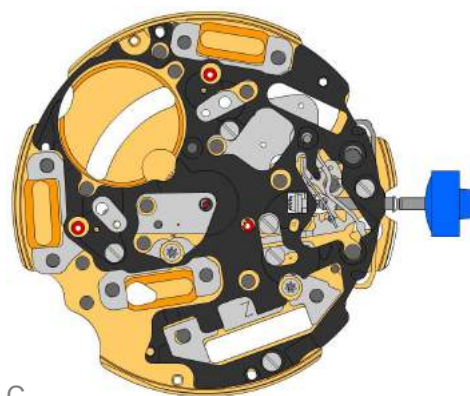


Signal generator (4.9 ms, 8 Hz):





Lower working voltage limit M2/M3/M4 **1.20 V**

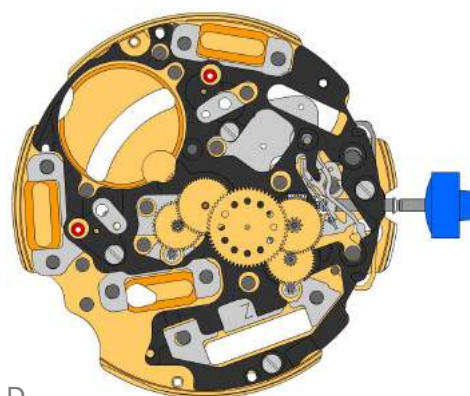


2000.574.G 1.		Werkplatte
3305.282.CO 2.		Minutenrohr mit Mitnehmer (Aig.2)
3301.244 3.		Stundenrad (Zähler 24h)
2030.032.CO 4.		Zentrumbrücke Zentrumbrücke gehalten durch 1 Schraube 4000.250.
4000.250 5.		Schraube
3001.055.FI 6.		Kupplungstrieb
3000.177.CO 7.		Stellwelle
3017.049 8.		Winkelhebel
3905.049 9.		Winkelhebelraste (3 Positionen) Winkelhebelraste gehalten durch 1 Schraube 4000.250.
3015.081 10.		Wippe Die Teile 3015.081 und 3905.067 sind zusammen auszutauschen.
3905.067 11.		Wippenfeder Den Federarm spannen.
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 Kunststoffhalterung held by 4 screws 4000.250.
3622.039 15.		Stator (Zähler 6h, 9h, Chrono)
3622.039 16.		Stator (Zähler 6h, 9h, Chrono)
3622.039 17.		Stator (Zähler 6h, 9h, Chrono)
4000.250 18.		Schraube








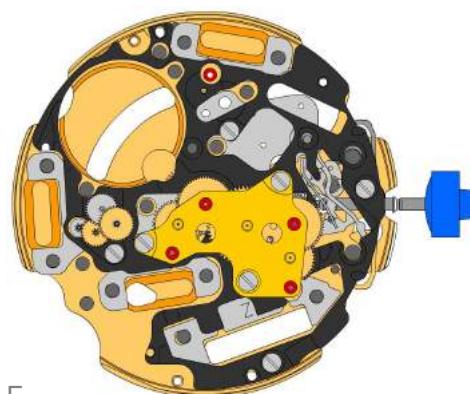
C

3603.079 19.		Kunststoffhalterung Kunststoffhalterung gehalten durch 4 Schrauben 4000.250.
4000.250 20.		Schraube
3715.094.RK 21.		Rotor
3715.094.RK 22.		Rotor



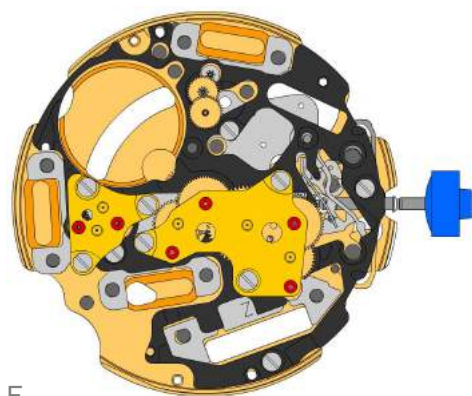
D

3147.046.CO 23.		Zwischenrad
3136.142.CO 24.		Sekundenrad (lang)
3147.047.CO 25.		Zwischenrad (Chrono)
3136.144.CO 26.		Chrono-Zentrumrad (Aig.2)
3122.056.CO 27.		Kleinbodenrad



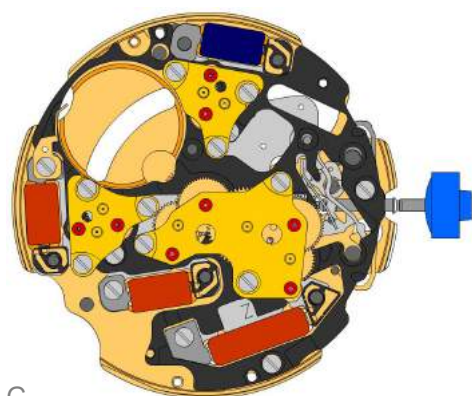
E

2020.148.G 28.		Räderwerkbrücke Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 29.		Schraube
3715.095.RK 30.		Rotor
3147.048.CO 31.		Zwischenrad (Zähler)
3007.056.CO 32.		Wechselrad (Zähler 24h)
3402.008.CO 33.		Minutenzählrad













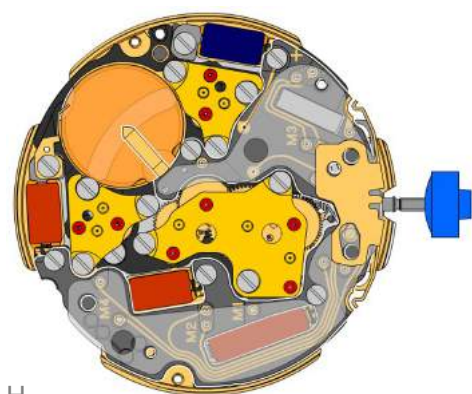
F

2020.149.G 34.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 1 Schraube 4000.250.
4000.250 35.		Schraube
3715.095.RK 36.		Rotor
3147.053.CO 37.		Zwischenrad (Zähler 1/10sek)
3402.016.CO 38.		Zählrad 1/10 sek



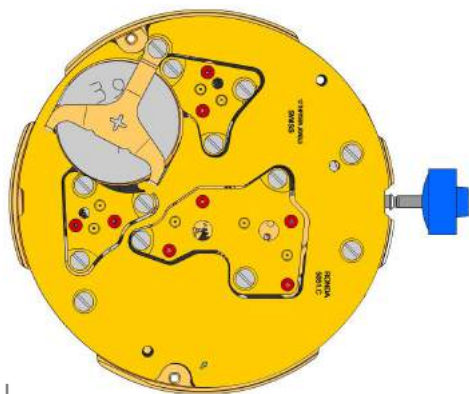
G





2020.149.G 39.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 1 Schraube 4000.250.
4000.250 40.		Schraube
3621.053.RK 41.		Spule Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 42.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 43.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.055.RK 44.		Spule (Zähler 6h) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
4000.250 45.		Schraube
3601.118 46.		Kontaktbügel Kontaktbügel gehalten durch 1 Schraube 4000.250.
4000.250 47.		Schraube
3603.034 48.		Isolation für Batterie

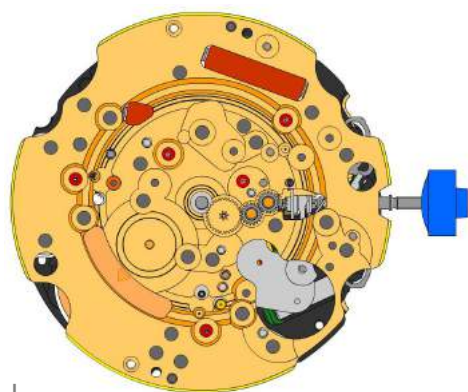


H

3612.144.5050 49.		Elektronikmodul Elektronikmodul gehalten durch 5 Schrauben 4000.248. Elektronische Messungen können nun vorgenommen werden.
4000.248 50.		Schraube
3603.069 51.		Isolation für Schaltung
3601.107.G 52.		Drückerkontaktfeder



2130.137.G.M01.5051C 53.		Deckplatte für Elektronikmodul Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.
3600.010.HGF 54.		Batterie 395
3601.109.G 55.		Bügel + Bügel gehalten durch 1 Schraube 4000.250.
4000.250 56.		Schraube

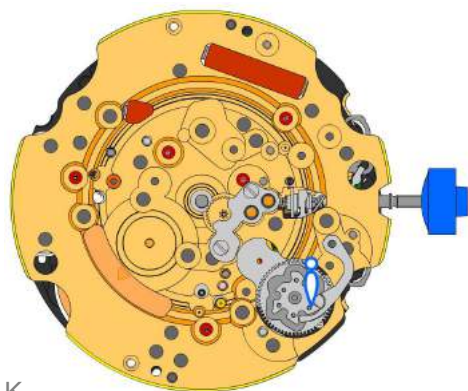


J

 2000.574.G
57.  Werkplatte

 3004.164
58.  Zeigerstellrad


 3004.164
59.  Zeigerstellrad

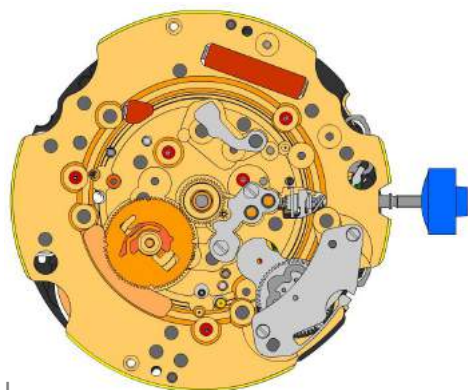
 3007.054.CO
60.  Wechselrad


K


 2130.143
61.  Wechselradbrücke
Wechselradbrücke gehalten durch 2 Schrauben 4000.305.

 4000.305
62.  Schraube

 3004.227
63.  Zehnermitnehmerrad
Kurzer Zahn des Zehnermitnehmerrades in Richtung Werkszentrum positionieren.

 3500.075
64.  Zehnerraste



L

 2130.142
65.  Halteplatte für Zehnerraste
Halteplatte für Zehnerraste gehalten durch 2 Schrauben 4000.306. Federarm hinter die Zehnerraste spannen.

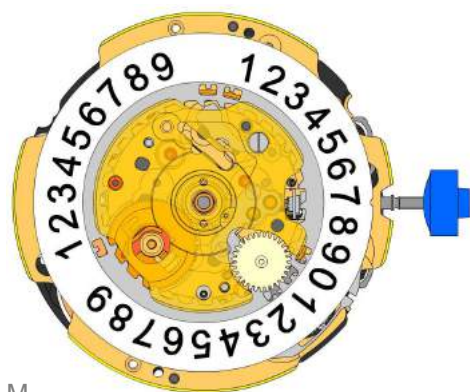
 4010.306
66.  Schraube

 3301.242
67.  Stundenrad (Aig.2)

 3315.016
68.  Frikionsfeder

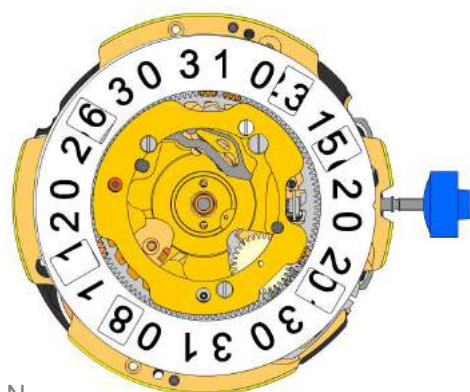
 3004.224.CO
69.  Datumanzeiger-Mitnehmerrad

 3500.049
70.  Datumraste



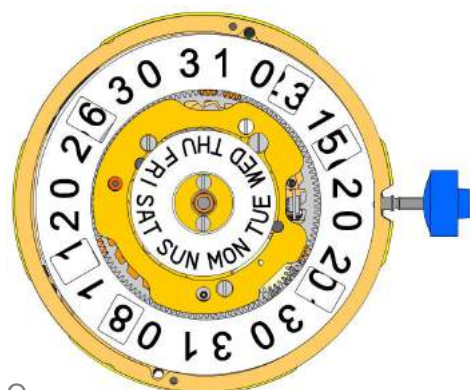
M

3504.214.AF.1.A 71.		Einer Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
3147.054 72.		Zehnerzwischenrad
2130.163 73.		Halteplatte für Datumanzeige Halteplatte für Datumanzeige gehalten durch 1 Schraube 4000.282.
4000.282 74.		Schraube
3905.070 75.		Feder für Datumraste Feder für Datumsraste in die Öffnung einfügen.







N

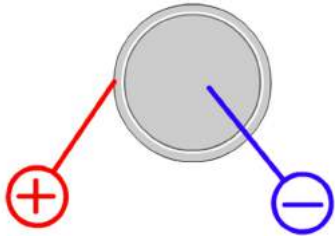
3504.216.AF.1.A 76.		Zehner Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
3500.055 77.		Tagesraste
3004.175 78.		Tagesfinger
2130.162.G 79.		Halteplatte für Datum-Mechanismus Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.312 und 1 Schraube 4000.300.
4000.312 80.		Schraube



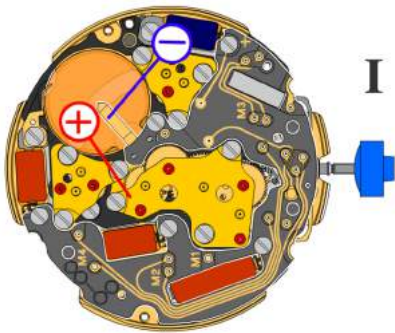
O

3508.155.AQ.E.A 81.		Tagesanzeiger (Standard)
2130.164.G 82.		Halteplatte für Tagesanzeige Halteplatte für Tagesanzeige gehalten durch 2 Schrauben 4000.311.
4000.311 83.		Schraube
3506.072.G 84.		Träger für Zifferblatt

8200 85.		Moebius 8200
9014 86.		Moebius 9014
124 87.		Jismaa 124
9020 88.		Moebius 9020

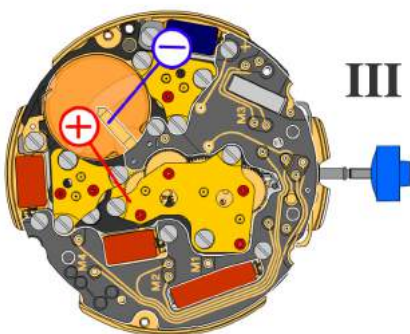


Batterie	395
Spannung	1.55 V



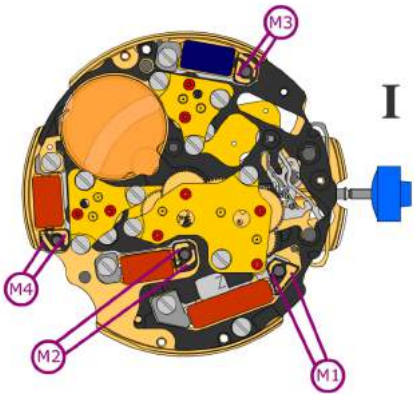
*Stellwelle in Position I, Kalender nicht im Eingriff,
60 s Messintervall für Gang und Verbrauch:*

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

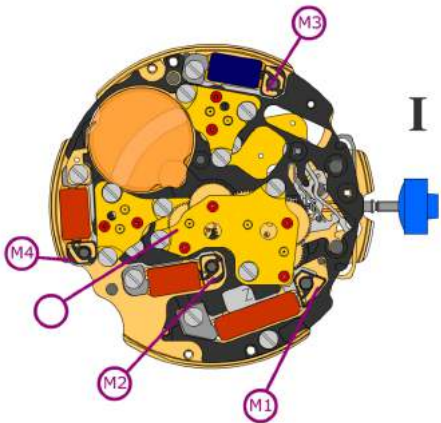


Spulenwiderstand M1 **1.90 k Ω .. 2.10 k Ω**

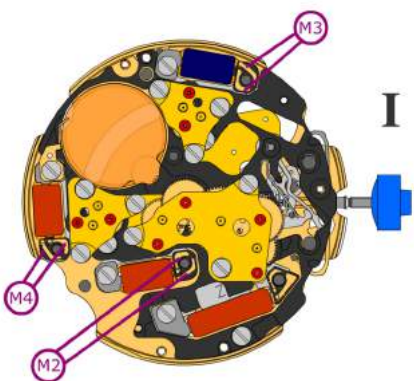
Spulenwiderstand M2 **1.68 k Ω .. 1.88 k Ω**

Spulenwiderstand M3 **1.68 k Ω .. 1.88 k Ω**

Spulenwiderstand M4 **1.68 k Ω .. 1.88 k Ω**



Spulenisolation M1/M2/M3/M4 **∞ k Ω**



Pulsgenerator (4.9 ms, 8 Hz):

Untere Funktionsspannungsgrenze M2/M3/M4 **1.20 V**