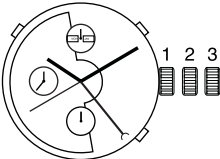


	Technical Guide			TG-19-C-059-E	B
	Made by: pelrom	Date: 20.01.2010	3	Modifications: see last page	

CALIBRE 3606

	Version A	Version B
131/4''' Ø 30,00 mm		
Height on movement	7.90 mm	
Power reserve	44 h	
Number of jewels	25	
Frequency	4 Hz (28'800 A/h)	



Exclusive OMEGA movement, automatic. Movement with Glucydur balance «Etachron». Hour hand, minute hand and central chronograph hand, small second and 24-hour hand at 9 o'clock. Central date hand. Month and day indicator at 12 o'clock. 12-hour totalizer at 6 o'clock. 30-minute totalizer at 12 o'clock.



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Date and day correction

1. Date correction is not recommended between 10 p.m. and 2 a.m.
2. Between 9 p.m. and 4 a.m, the day correction is not possible.

Instantaneous rate

Demagnetise the movement prior to checks according to [Working Instruction No 34](#).

Barrel and train wheel bridge

For engraved components:

See [Working Instruction No 44](#).

Rules for lubrication that concern the following components; Escapement, In settings and cannon pinion:

See [Working Instruction No 40](#).

Lubricants

See [Working Instruction No 3](#).

Tightening and untightening torques according to screw thread

Ø Screws	Tightening torque target cNm	Untightening torque mini cNm
Ø threads ≤ S 0.50 mm	1.0	0.7
Ø threads S 0.6 mm	1.4	0.8
Ø threads S 0.7 mm	1.8	0.9
Ø threads S 0.8 mm	2.2	1.1
Ø threads S 0.9 mm	2.6	1.3
Ø threads S 1.0 mm	3.0	1.6
Ø threads S 1.2 mm	3.5	2.0
Ø threads S 1.4 and >	4.0	2.5

Mandatory tools:

To fit the hands, the movement must be held in a movement holder that supports the jewels.

Hand fitting

	Ref.
Movement holder for hand fitting	507 0018
Runner to fit hands No 1	507 0003
Runner to fit hands No 2	507 0004
Runner to fit hands No 6	507 0008
Runner to fit hands No 8	507 0010
Hand fitting tool kit	507 0011
Chuck for runner No 1 - Black	518 0001
Chuck for runner No 2 - Blue	518 0002
Chuck for runner No 6 - Green	518 0006
Chuck for runner No 8 - Yellow	518 0008

Movements

Etachron holder	502 100 0312
Movement holder (ring)	502 110 0221
Mainspring winder	502 150 0008
Etachron adjustment key	502 200 0061
Etachron extractor key	502 200 0062



Differences between versions 3606A and 3606B

	3606A (4 Hz)	3606B (4 Hz)
Main plate		
	Engraved main plate Ref. 7223606A1002071	Engraved main plate Ref. 7223606B1002072
Second wheel		
	Height 5.81 mm Ref. 7221150224	Height 5.86 mm Ref. 7223606B3002702
Chronograph wheel		
	Height 9.13 mm Ref. 72211508000	Height 9.56 mm Ref. 7223606B3501002
Free cannon pinion		
	Height 4.25 mm Ref. 7221150243	Height 4.52 mm Ref. 7223606B3108002
Double-toothed hour wheel		
	Height 3.30 mm Ref. 72211502558	Height 3.47 mm Ref. 7223606B3301002
Calendar platform		
	Ref. 722115125511RB	Ref. 7223606B13021



Differences between versions 3606A and 3606B

	3606A (4 Hz)	3606B (4 Hz)
Combined maintaining plate		
	Ref. 72211502537	Ref. 7223606B13108
Date star		
	Total height 2.26 mm Ref. 72211502557	Total height 2.33 mm Ref. 7223606B33120
Screw combined maintaining plate	-----	
		Ref. 7223606B3568



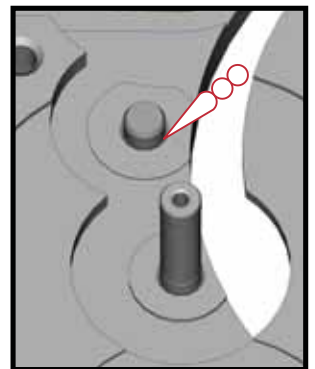
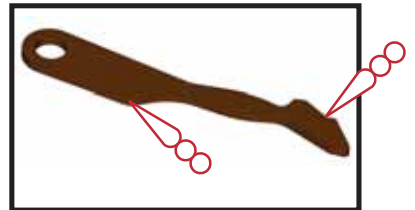
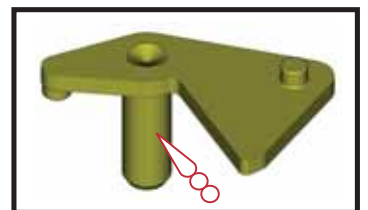
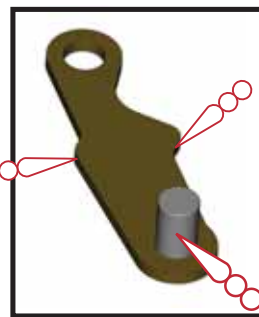
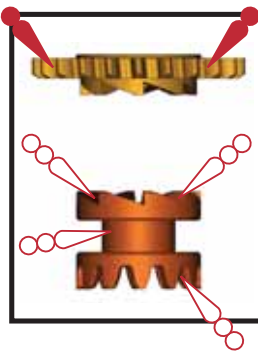
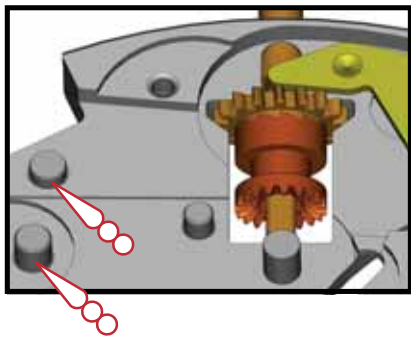
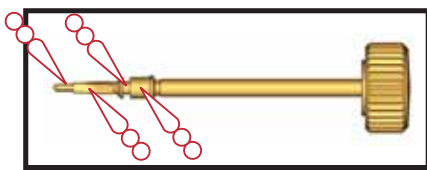
Fitting stages for calibre 3606 - Assembling of mechanism 1

1.0 Parts for assembling

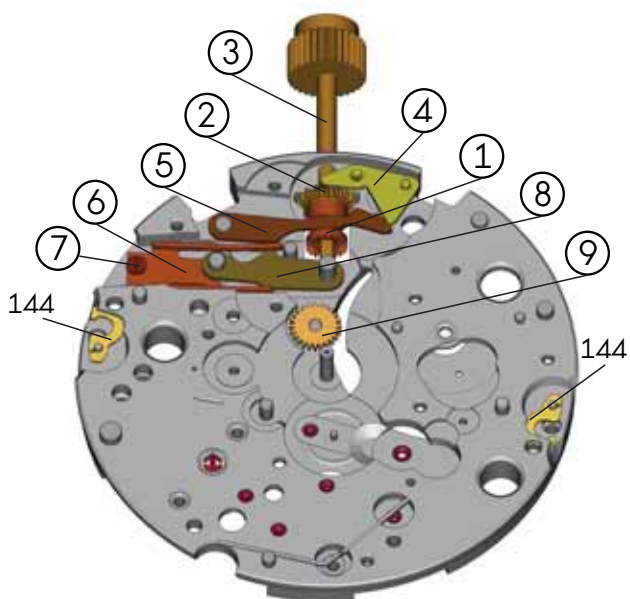
Movement holder	Sliding pinion	Winding pinion	Winding stem	Setting lever	Yoke	Yoke spring	Screw for yoke spring	Rocking bar	Setting wheel
Ref. 502 110 0221	①	②	③	④	⑤	⑥	⑦	⑧	⑨
	Ref. 407	Ref. 410	Ref. 401	Ref. 443/1	Ref. 435	Ref. 440	Ref. 3454/1	Ref. 437	Ref. 450
									
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2.0 Pre-lubrication

 Moebius 9504
 Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly

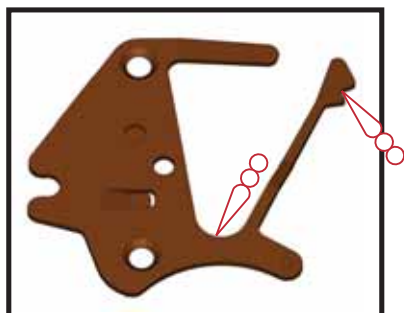


1.0 Parts for assembling

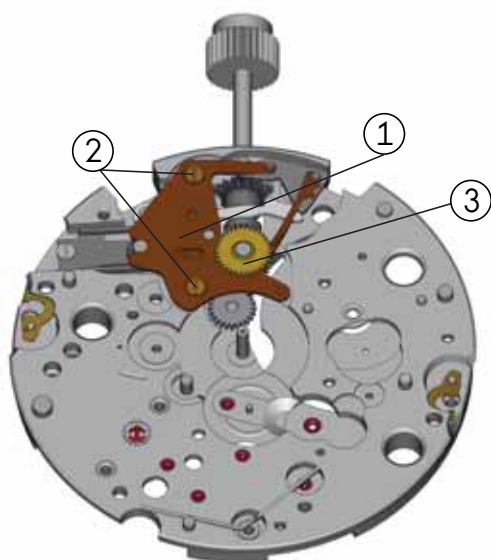
Movement holder	Setting lever jumper	Screw for setting lever jumper	Intermediate setting wheel
Ref. 502 110 0221	①	②	③
	Ref. 445	Ref. 2551/1	Ref. 453
			
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2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly



Fitting stages for calibre 3606 - Barrel fitting and wheel train 1

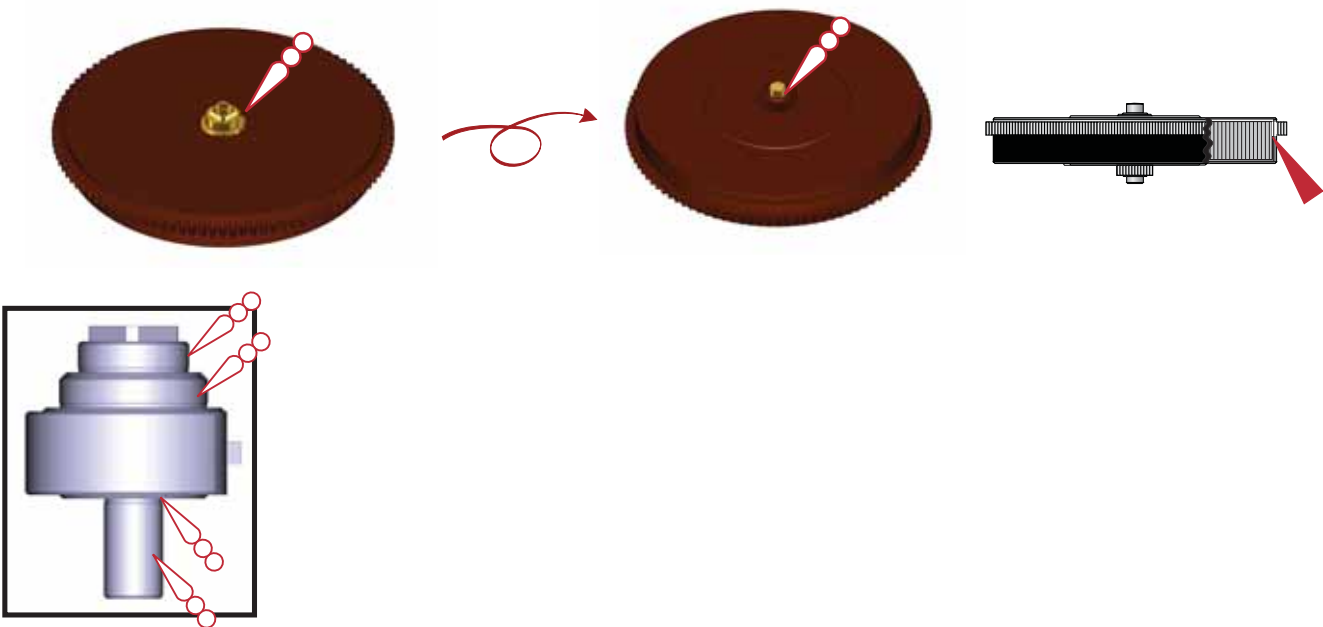
1.0 Parts for assembling

Movement holder	Barrel complete	Escape wheel	Second wheel	Third wheel	First wheel	Stop lever
Ref. 502 110 0221	①	②	③	④	⑤	⑥
	Ref. 182	Ref. 705	Ref. 224	Ref. 210	Ref. 201/1	Ref. 9433
						
						

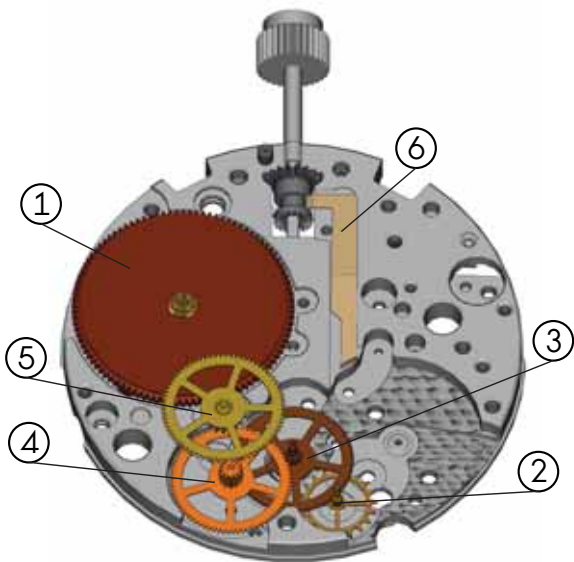
2.0 Pre-lubrication

- ▶ Kluber P125
- ∞ Moebius SYNT HP-1300 Sans Colorant

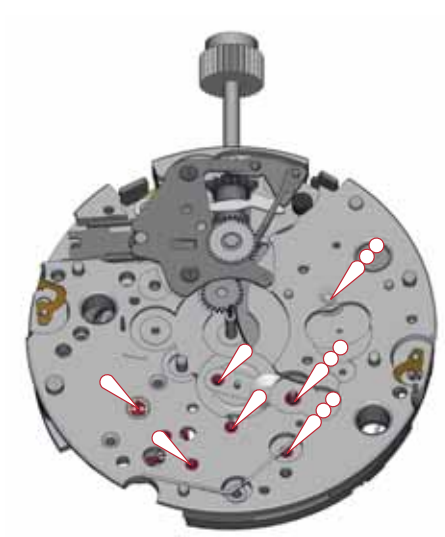
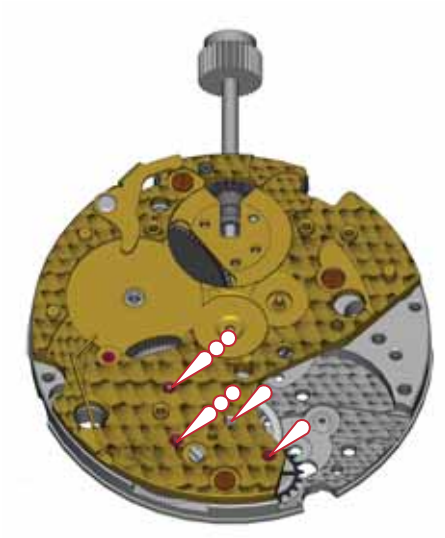
⚠ Barrel lubrication:
Please refer to [Working Instruction No 40](#)



3.0 Order to assembly

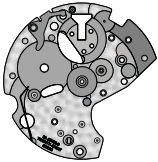


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|---|
| Moebius SYNT-A-LUBE 9010 |
| Moebius SYNT HP-1300 Sans Colorant |



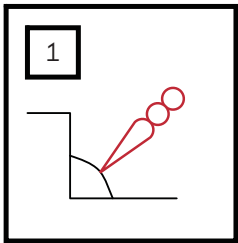
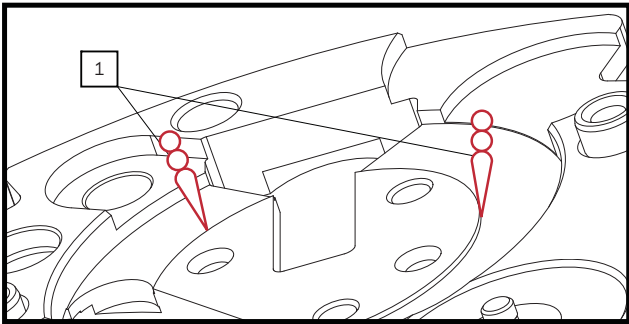
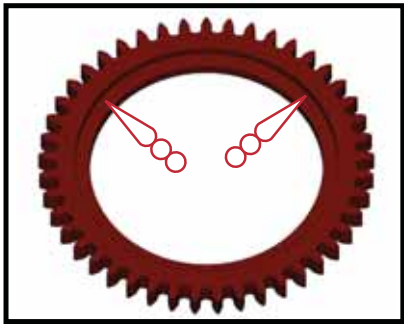
Fitting stages for calibre 3606 - Preassembling of barrel bridge

1.0 Parts for assembling

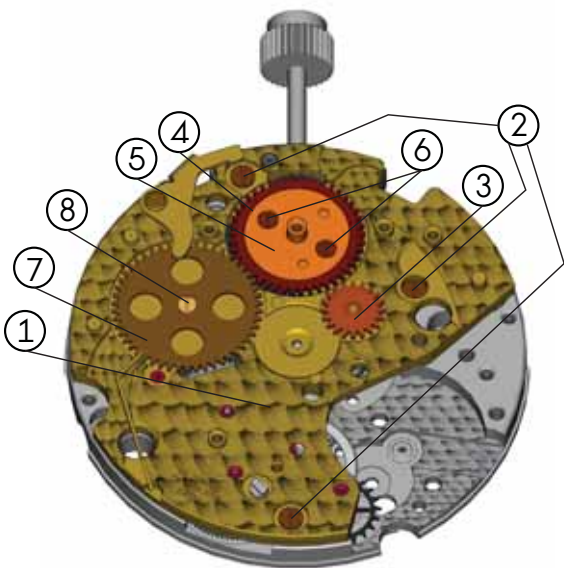
Movement holder	Barrel and wheel train bridge	Screw for barrel and wheel train bridge	Minute counter driving wheel	Crown wheel	Crown wheel core	Screw for crown wheel core	Ratchet wheel	Screw for ratchet wheel
Ref. 502 110 0221	①	②	③	④	⑤	⑥	⑦	⑧
	Ref. 1004118	Ref. 3453/1	Ref. 8062	Ref. 420	Ref. 423	Ref. 3454/1	Ref. 415	Ref. 3454/1
								
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2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly



Fitting stages for calibre 3606 - Pallet fork, pallet fork bridge and balance

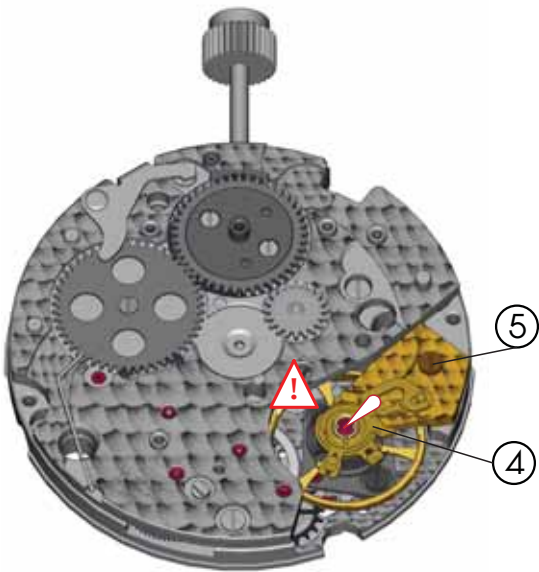
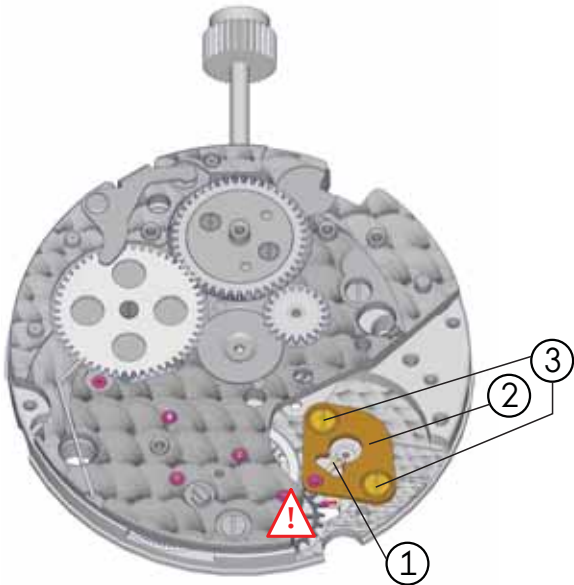
1.0 Parts for assembling

Movement holder	Pallet fork	Pallet fork bridge	Screw for pallet fork bridge	Balance bridge	Screw for balance bridge
Ref. 502 110 0221	①	②	③	④	⑤
	Ref. 710	Ref. 125	Ref. 3453/1	Ref. 1214RB	Ref. 3457/1
					
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2.0 Order to assembly

Moebius SYNT-A-LUBE 9010

 In settings lubrication:
Escapement lubrication:
Please refer to [Working Instruction No 40](#)



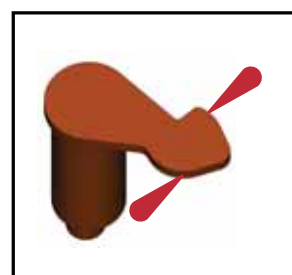
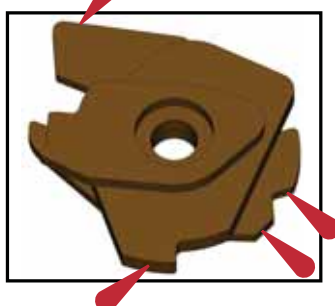
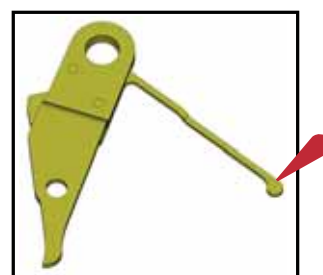
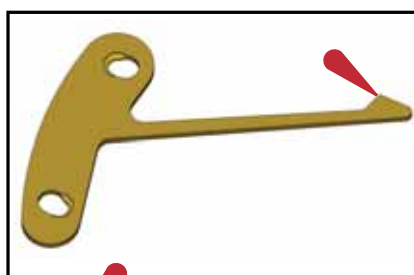
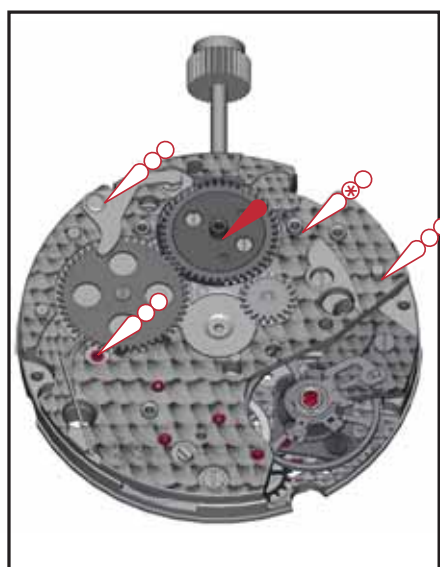
Fitting stages for calibre 3606 - Assembling of chronograph system 1

1.0 Parts for assembling

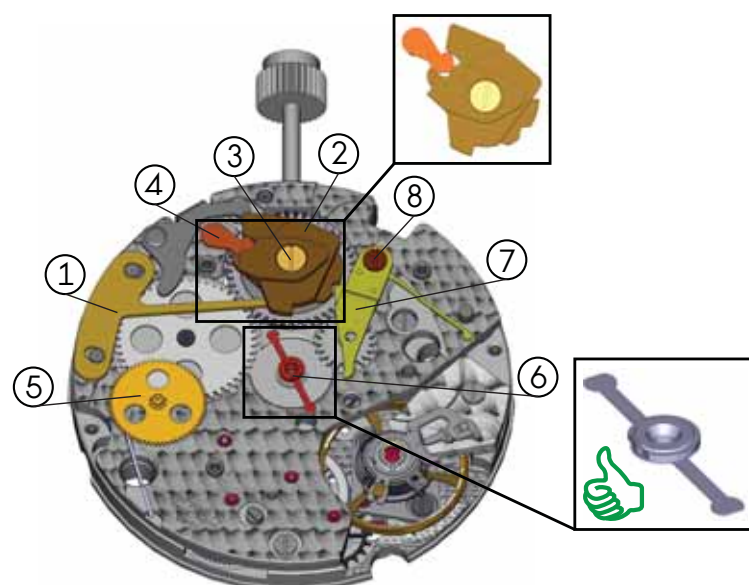
Movement holder	Hammer came jumper	Chronograph cam	Screw for chronograph cam	Switch	Ratchet wheel driving wheel	Chronograph wheel friction	Lock, 2 functions	Screw for lock, 2 functions
Ref. 502 110 0221	①	②	③	④	⑤	⑥	⑦	⑧
	Ref. 8356	Ref. 8171	Ref. 3455/1	Ref. 8660	Ref. 1482	Ref. 8290	Ref. 8200	Ref. 3453/1
								
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2.0 Pre-lubrication

-  Molycote DX
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly



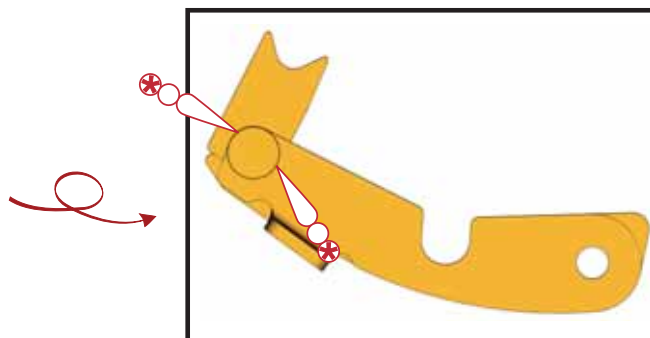
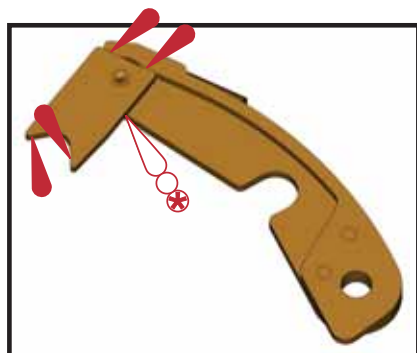
Fitting stages for calibre 3606 - Assembling of chronograph system 2

1.0 Parts for assembling

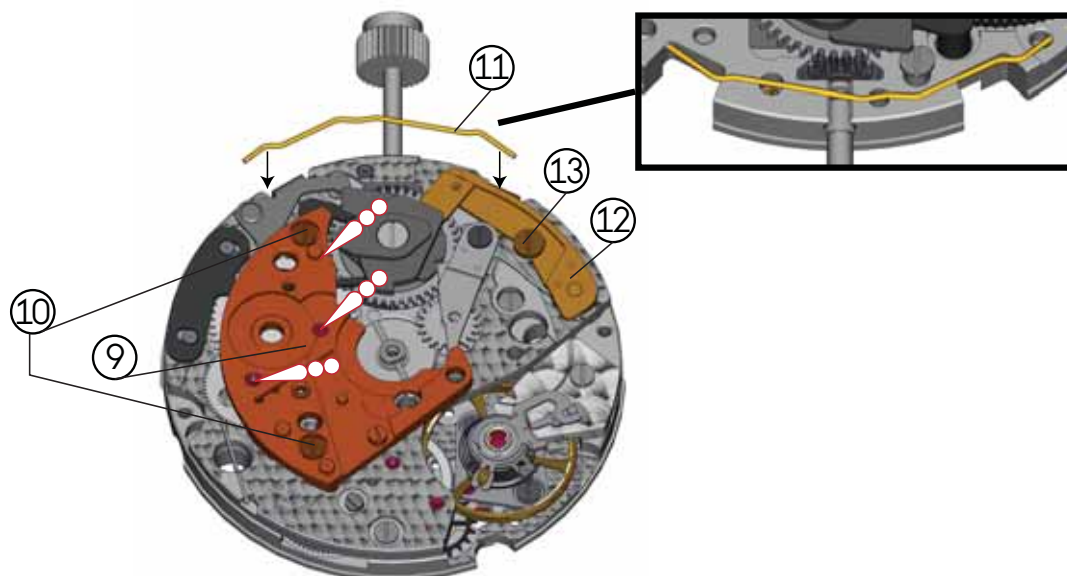
Movement holder	Chronograph bridge	Screw for chronograph bridge	Operating lever spring, 2 functions	Operating lever, 2 functions	Screw for operating lever, 2 functions
	⑨	⑩	⑪	⑫	⑬
	Ref. 8500	Ref. 3453/1	Ref. 8335	Ref. 8140	Ref. 3455/1
Ref. 502 110 0221					
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2.0 Pre-lubrication

-  Molycote DX
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly



Fitting stages for calibre 3606 - Assembling of chronograph system 3

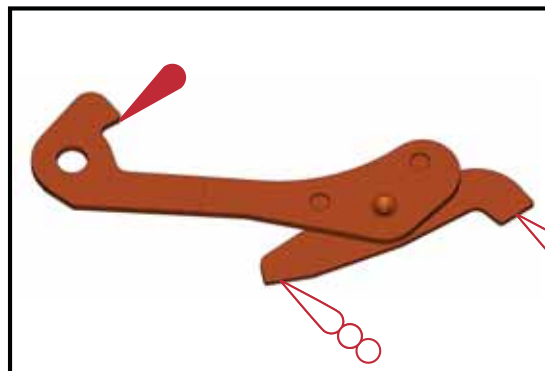
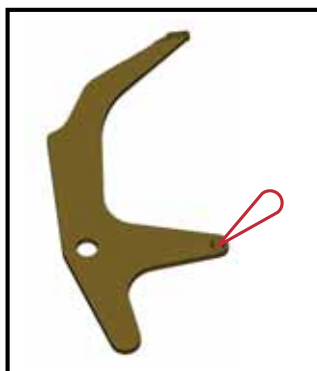
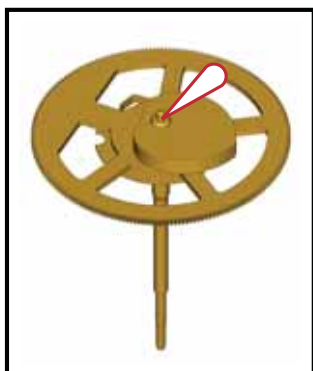
1.0 Parts for assembling

Movement holder	Chronograph wheel	Minute-counting wheel	Oscillating pinion, 60S	Clutch 60S, 2 functions	Reduction wheel	Reversing wheel	Hammer, 2 functions
Ref. 502 110 0221	① Ref. 8000	② Ref. 8020	③ Ref. 8086	④ Ref. 8079	⑤ Ref. 1481	⑥ Ref. 1488	⑦ Ref. 8220
							
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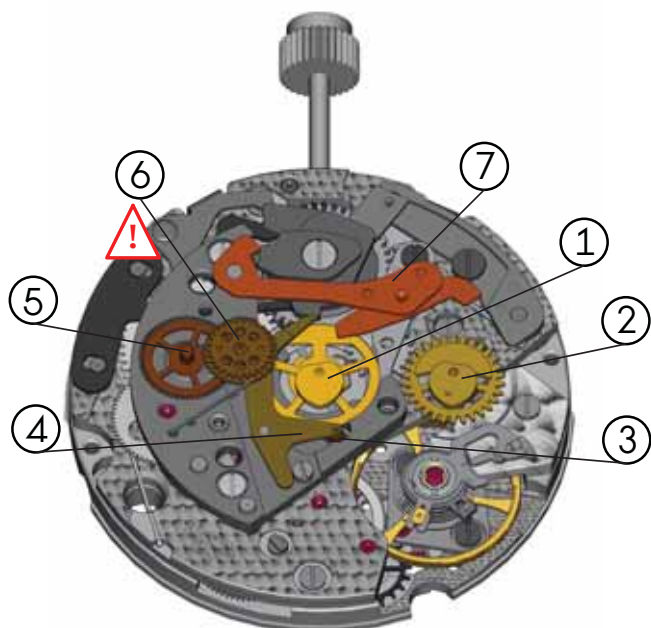
2.0 Pre-lubrication

-  Molycote DX
-  Moebius SYNT-A-LUBE 9010
-  Moebius SYNT HP-1300 Sans Colorant

 **Reversing wheel lubrication:**
Please refer to [Working Instruction No 40](#)



3.0 Order to assembly



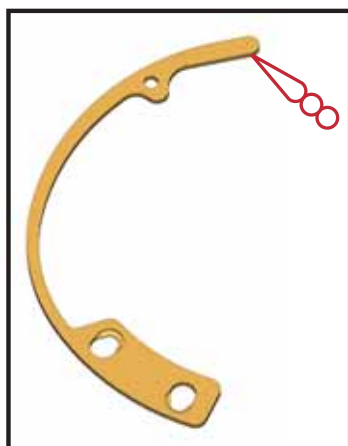
Fitting stages for calibre 3606 - Assembling of chronograph system 4

1.0 Parts for assembling

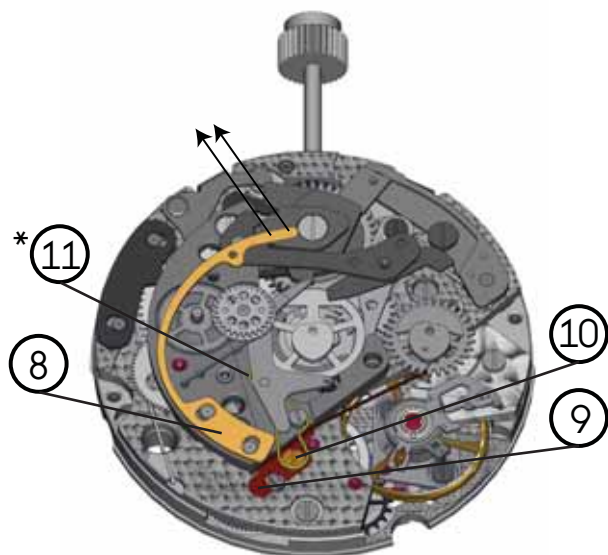
Movement holder	Hammer spring, 2 functions	Minute counter jumper	Screw for minute counter jumper	Clutch spring, 2 functions
Ref. 502 110 0221	⑧	⑨	⑩	⑪
	Ref. 8350	Ref. 8270	Ref. 3453/1	Ref. 8320
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2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant

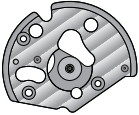


3.0 Order to assembly



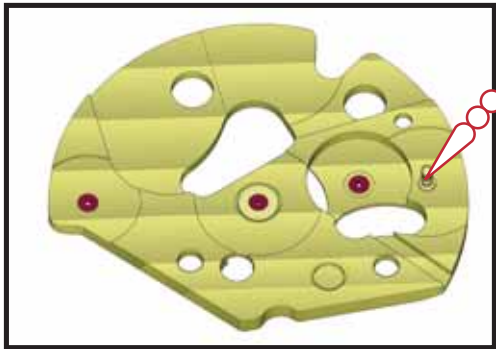
Fitting stages for calibre 3606 - Assembling of automatic bridge

1.0 Parts for assembling

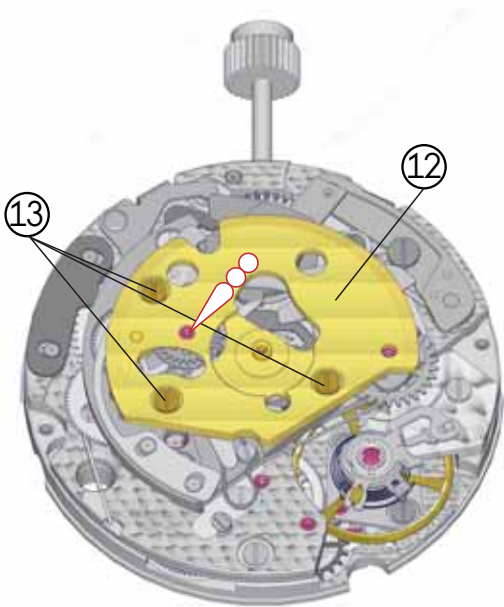
Movement holder	Automatic bridge	Screw for automatic bridge
Ref. 502 110 0221	⑫	⑬
	Ref. 1142	Ref. 3453/1
		
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2.0 Pre-lubrification

 Moebius SYNT HP-1300 Sans Colorant



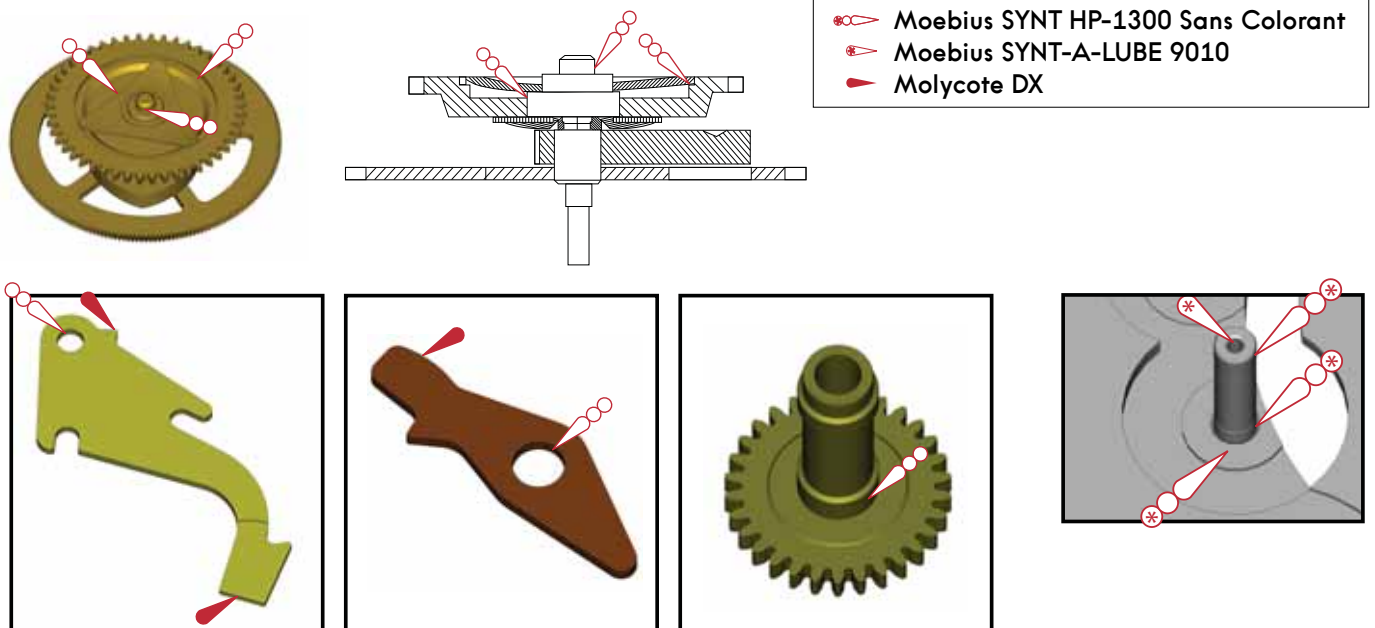
3.0 Order to assembly



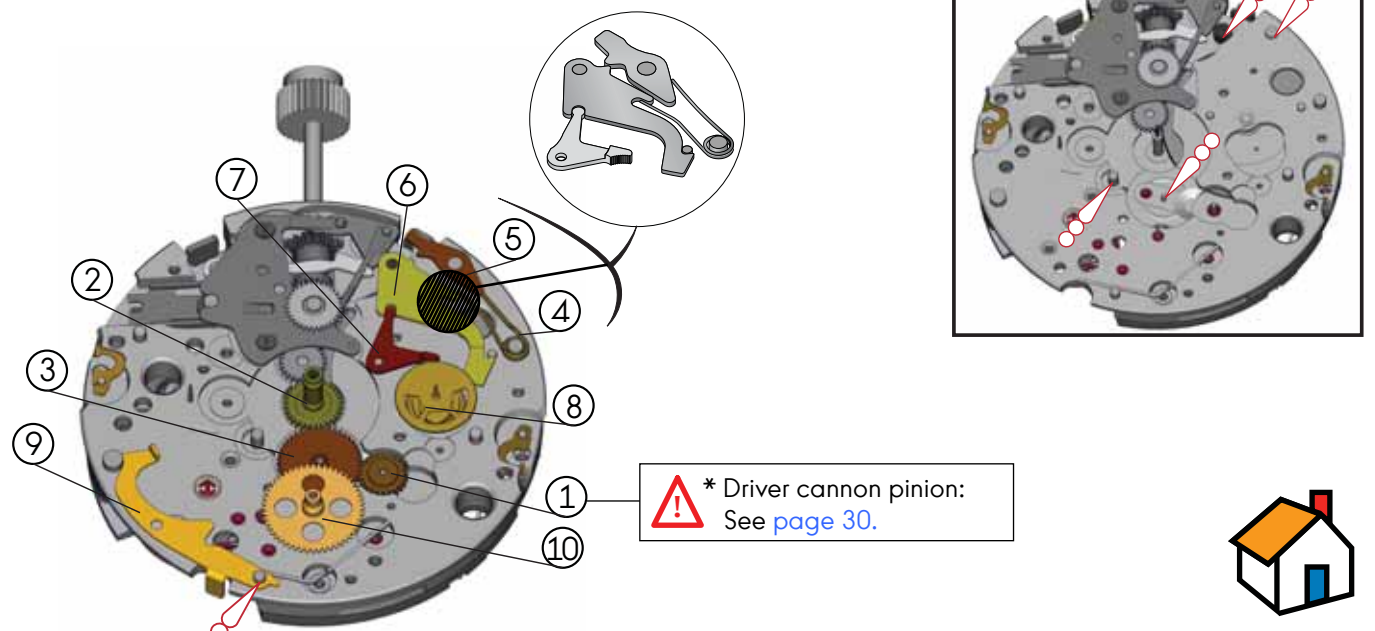
1.0 Parts for assembling

Movement holder	Driving cannon pinion	Free cannon pinion	Minute wheel	Hour hammer spring	Hour hammer operating lever	Hour hammer	Hour counter lock	Hour counting wheel	Day corrector	Hour wheel 24H
Ref. 502 110 0221	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
	Ref. 240	Ref. 243	Ref. 260	Ref. 8730	Ref. 8670	Ref. 8680	Ref. 8690	Ref. 8600	Ref. 2567	Ref. 251
										
										

2.0 Pre-lubrication



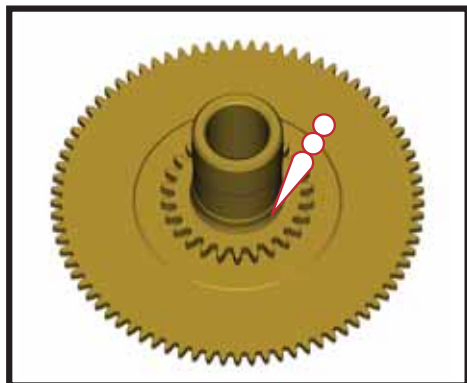
3.0 Order to assembly



1.0 Parts for assembling

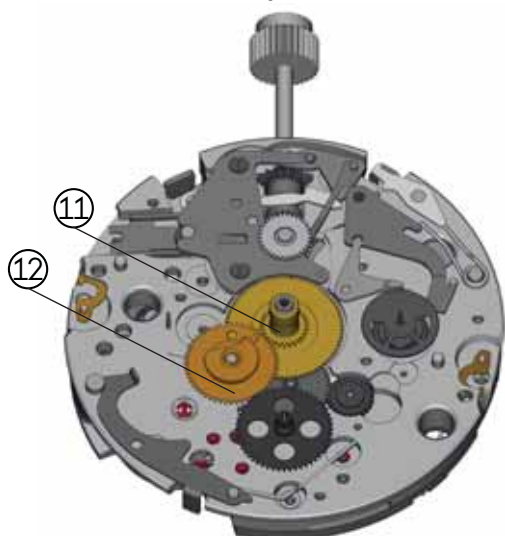
Movement holder	Double toothed hour wheel	Calendar driving wheel
Ref. 502 110 0221	⑪	⑫
	Ref. 2558	Ref. 2555
		
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1.0 Pre-lubrication

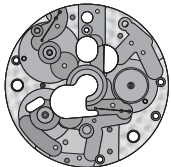


 Moebius SYNT HP-1300 Sans Colorant

2.0 Order to assembly

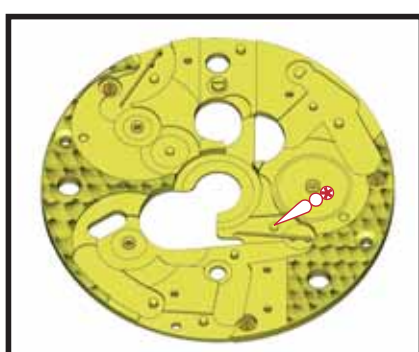
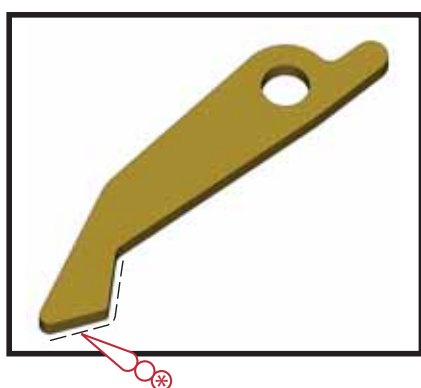


1.0 Parts for assembling

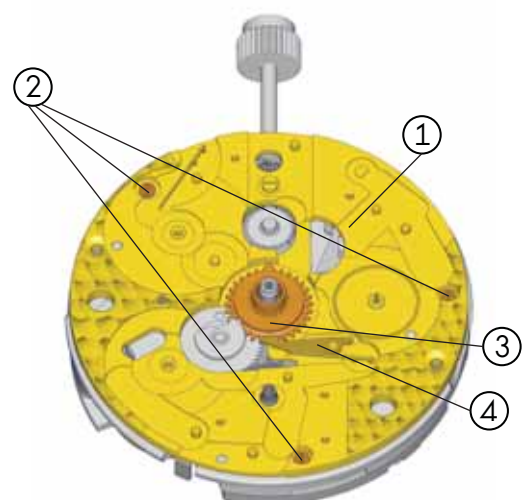
Movement holder	Calendar platform	Screw for calendar platform	Date star	Date jumper
Ref. 502 110 0221	①	②	③	④
	Ref. 25511RB	Ref. 3454/1	Ref. 2557	Ref. 2576
				
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1.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant



2.0 Order to assembly

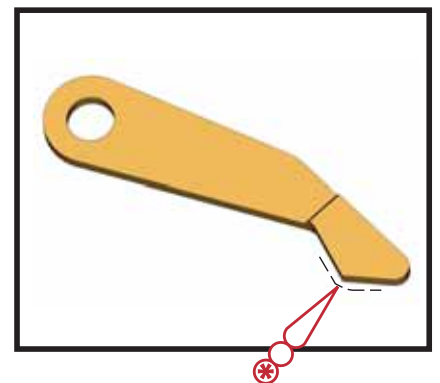
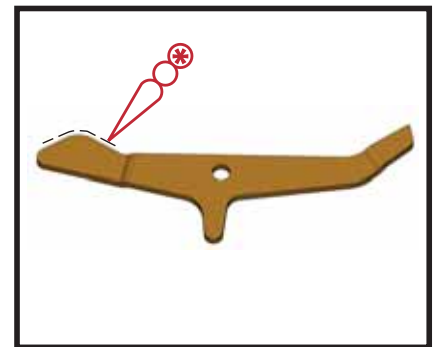
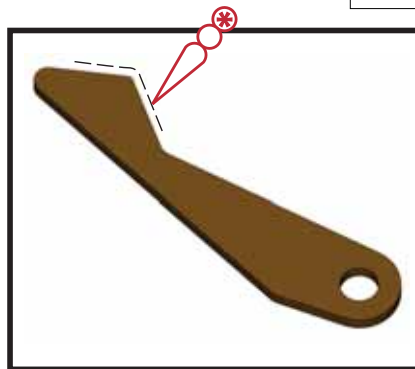
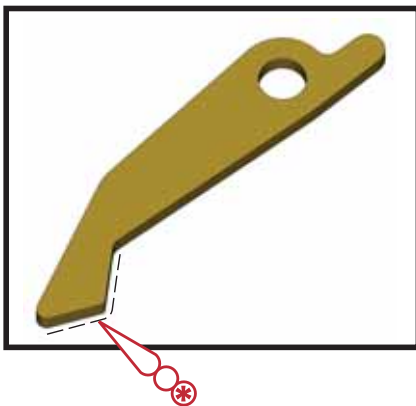


1.0 Parts for assembling

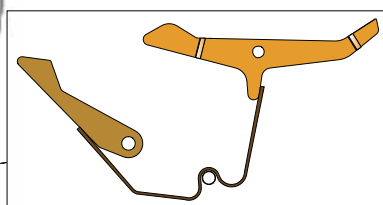
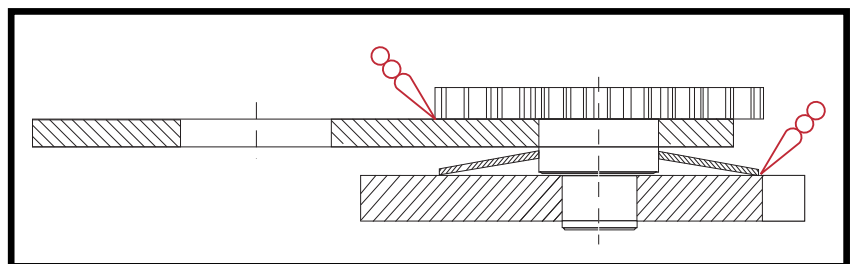
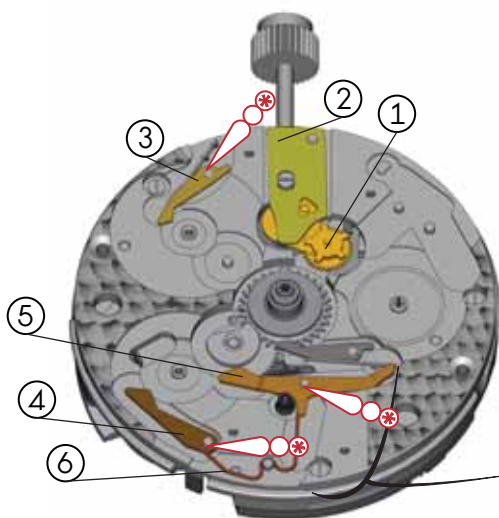
Movement holder	Date corrector	Corrector maintaining small plate	Date jumper	Day jumper	Moon phase yoke	Day jumper spring
Ref. 502 110 0221	①	②	③	④	⑤	⑥
	Ref. 2566	Ref. 2798	Ref. 2576	Ref. 2577	Ref. 2589	Ref. 2573
						
	-----	-----	-----	-----	-----	-----

2.0 Pre-lubrication

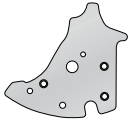
 Moebius SYNT HP-1300 Sans Colorant
 Moebius SYNT HP-1300 Sans Colorant



3.0 Order to assembly

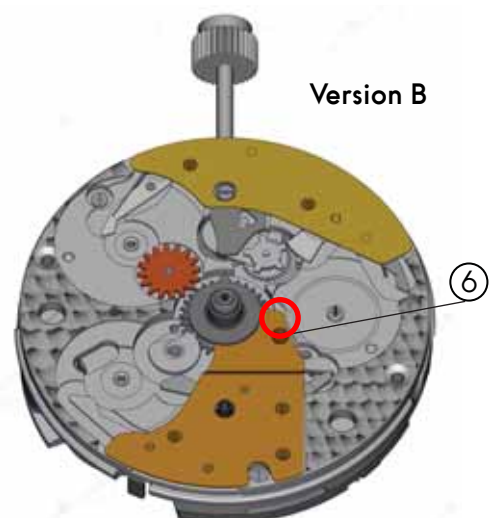
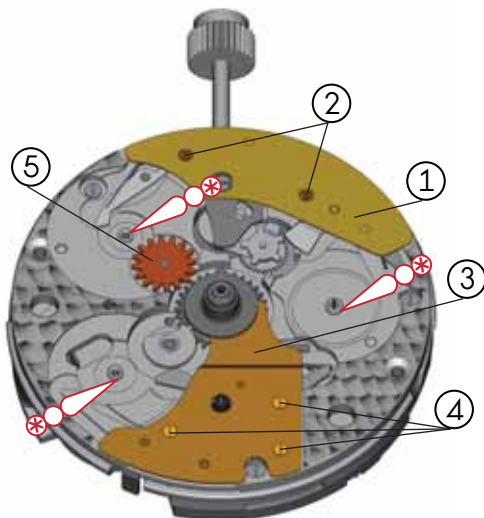


1.0 Parts for assembling

Movement holder	Moon phase platform	Screw for moon phase platform	Combined maintaining plate		Screw for combined maintaining plate	Month star driving wheel	Screw for combined maintaining plate
Ref. 502 110 0221	①	②	③		④	⑤	⑥
	Ref. 2596	Ref. 2550/1	Ref. 2537	Ref. 13108	Ref. 2550/1	Ref. 2549	Ref. 3568
							
	-----		A	B		-----	

2.0 Order to assembly and lubrication

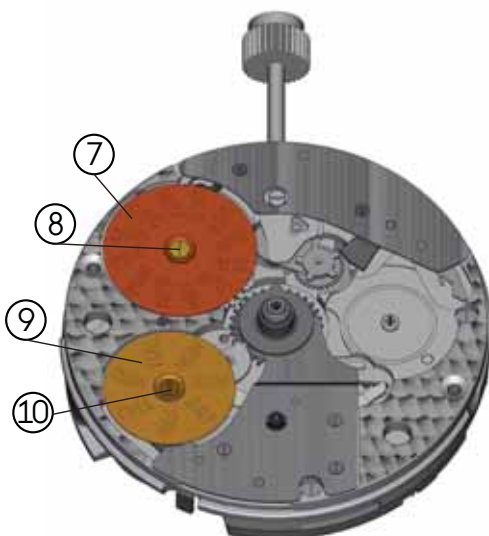
 Moebius SYNT HP-1300 Sans Colorant



1.0 Parts for assembling

Movement holder	Month indicator	Screw for month indicator	Day indicator	Screw for day indicator
Ref. 502 110 0221	⑦	⑧	⑨	⑩
	Ref. 2562/1	Ref. 3456	Ref. 2561/1	Ref. 3456
				
	-----		-----	

2.0 Order to assembly



Fitting stages for calibre 3606 - Assembling of oscillating weight

1.0 Parts for assembling

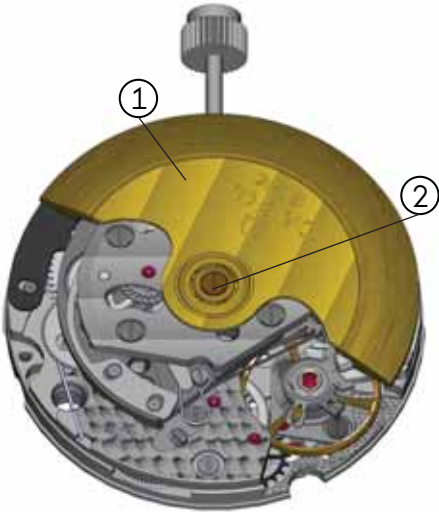
Movement holder	Oscillating weight	Screw for oscillating weight
Ref. 502 110 0221	①	②
	Ref. 2201018	Ref. 2841/1
		
	-----	

2.0 Pre-lubrication

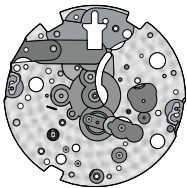
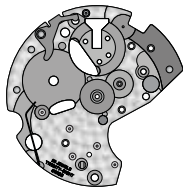
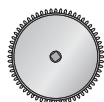


➤ Moebius SYNT-A-LUBE 9010

3.0 Order to assembly

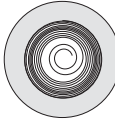
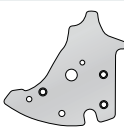


Spare parts list for calibre 3606

Main plate pre-assembled	Version	Reference	Driver cannon pinion	Version	Reference
	3606A	7223606A1002071		3606A	7221150240
	3606B	7223606B1002072		3606B	
Barrel and wheel train bridge	Version	Reference	Free cannon pinion	Version	Reference
	3606A	7223606A1004018		3606A	7221150243
	3606B			3606B	7223606B3108002
Balance bridge	Version	Reference	Hour wheel, 24H	Version	Reference
	3606A	72211511214RB		3606A	7221150251
	3606B			3606B	
Pallet fork bridge	Version	Reference	Minute wheel	Version	Reference
	3606A	7221151125RB		3606A	7221150260
	3606B			3606B	
Dial fastener	Version	Reference	Two piece regulator	Version	Reference
	3606A	7221150144/1		3606A	7221150303/5
	3606B			3606B	
Centre tube	Version	Reference	Regulator corrector	Version	Reference
	3606A	7221150161		3606A	7221150358
	3606B			3606B	
Barrel complete	Version	Reference	Stud support etachron	Version	Reference
	3606A	7221151182		3606A	7221150375
	3606B			3606B	
Barrel arbor	Version	Reference	Winding stem, Ø 0,90mm	Version	Reference
	3606A	7221150195		3606A	7221150401
	3606B			3606B	
First wheel	Version	Reference	Sliding pinion	Version	Reference
	3606A	7221150201/1		3606A	7221150407
	3606B			3606B	
Third wheel	Version	Reference	Winding pinion	Version	Reference
	3606A	7221150210		3606A	7221150410
	3606B			3606B	
Second wheel, long pivot	Version	Reference	Ratchet wheel	Version	Reference
	3606A	7221150224		3606A	7221150415
	3606B	7223606B3002702		3606B	

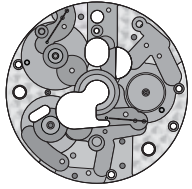
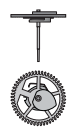
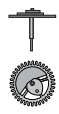


Spare parts list for calibre 3606

Crown wheel	Version	Reference	Pallet fork	Version	Reference
	3606A	7221150420		3606A	7221150710ET
	3606B			3606B	
Crown wheel core	Version	Reference	Timed balance complete	Version	Reference
	3606A	7221150423		3606A	7221150721ET
	3606B			3606B	
Click spring	Version	Reference	Mainspring with sliding attachment	Version	Reference
	3606A	7221150434		3606A	7221150771
	3606B			3606B	
Yoke	Version	Reference	Automatic bridge	Version	Reference
	3606A	7221150435		3606A	72211511142RB
	3606B			3606B	
Rocking bar	Version	Reference	Oscillating weight pre-assembled	Version	Reference
	3606A	7221150437		3606A	7223606A2201018
	3606B			3606B	
Yoke spring	Version	Reference	Reverser spring	Version	Reference
	3606A	7221150440		3606A	72211501428
	3606B			3606B	
Setting lever	Version	Reference	Reduction wheel	Version	Reference
	3606A	7221150443/1		3606A	72211501481
	3606B			3606B	
Setting lever jumper	Version	Reference	Ratchet wheel driving wheel	Version	Reference
	3606A	7221150445		3606A	72211501482
	3606B			3606B	
Setting wheel	Version	Reference	Reversing wheel	Version	Reference
	3606A	7221150450		3606A	72211501488
	3606B			3606B	
Intermediate setting wheel	Version	Reference	Ball bearing for oscillating weight	Version	Reference
	3606A	7221150453		3606A	72211501497
	3606B			3606B	
Escape wheel	Version	Reference	Combined maintaining plate	Version	Reference
	3606A	7221150705		3606A	72211502537
	3606B			3606B	7223606B13108

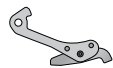
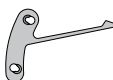


Spare parts list for calibre 3606

Month star driving wheel	Version	Reference	Day jumper	Version	Reference
	3606A	72211502549		3606A	72211502577
	3606B			3606B	
Calendar platform	Version	Reference	Month jumper spring	Version	Reference
	3606A	722115125511RB		3606A	72211502583
	3606B	7223606B13021		3606B	
Calendar driving wheel	Version	Reference	Moon phase yoke	Version	Reference
	3606A	72211502555		3606A	72211502589
	3606B			3606B	
Date star	Version	Reference	Moon phase platform	Version	Reference
	3606A	72211502557		3606A	72211502596
	3606B	7223606B33120		3606B	
Double-toothed hour wheel	Version	Reference	Corrector maintaining small plate	Version	Reference
	3606A	72211502558		3606A	72211502798
	3606B	7223606B3301002		3606B	
Date corrector	Version	Reference	Shock-absorber, upper	Version	Reference
	3606A	72211502566		3606A	72211503004
	3606B			3606B	
Day corrector	Version	Reference	Shock-absorber, lower	Version	Reference
	3606A	72211502567		3606A	72211503005
	3606B			3606B	
Day corrector spring	Version	Reference	Chronographe wheel 60S,	Version	Reference
	3606A	72211502571		3606A	72211508000
	3606B			3606B	7223606B3501002
Day jumper spring	Version	Reference	Minute-counting wheel, 30 min.	Version	Reference
	3606A	72211502573		3606A	72211508020
	3606B			3606B	
Date jumper spring	Version	Reference	Minute counter driving wheel 30 min.	Version	Reference
	3606A	72211502575		3606A	72211548062ET
	3606B			3606B	
Date jumper	Version	Reference	Clutch 60S, 2 functions	Version	Reference
	3606A	72211502576		3606A	72211508079
	3606B			3606B	
Month jumper	Version	Reference	Oscillating pinion, 60S	Version	Reference
	3606A	72211502578		3606A	72211508086
	3606B			3606B	



Spare parts list for calibre 3606

Operating lever, 2 functions	Version	Reference	Clutch banking eccentric	Version	Reference
	3606A	72211508140		3606A	72211508401
	3606B			3606B	
Chronograph cam	Version	Reference	Minute counter jumper eccentric	Version	Reference
	3606A	72211508171		3606A	72211508407
	3606B			3606B	
Fly-back yoke	Version	Reference	Chronograph bridge	Version	Reference
	3606A	72211508180		3606A	72211518500
	3606B			3606B	
Fly-back lever stud	Version	Reference	Hour counting wheel	Version	Reference
	3606A	72211508182		3606A	722115088600
	3606B			3606B	
Lock, 2 functions	Version	Reference	Switch	Version	Reference
	3606A	72211548200ET		3606A	72211508660
	3606B			3606B	
Hammer, 2 functions	Version	Reference	Operating lever	Version	Reference
	3606A	72211508220		3606A	722115088670
	3606B			3606B	
Minute counter jumper	Version	Reference	Hour hammer	Version	Reference
	3606A	72211508270		3606A	722115088680
	3606B			3606B	
Chronograph wheel friction	Version	Reference	Hour counter lock	Version	Reference
	3606A	72211508290		3606A	722115088690
	3606B			3606B	
Clutch spring, 2 functions	Version	Reference	Hour hammer spring	Version	Reference
	3606A	72211508320		3606A	72211508730
	3606B			3606B	
Operating lever spring, 2 functions	Version	Reference	Stop lever	Version	Reference
	3606A	72211508335		3606A	72211509433
	3606B			3606B	
Hammer spring, 2 functions	Version	Reference	Set day indicator + month	Version	Reference
	3606A	72211508350		3606A	72211502563
	3606B			3606B	
Hammer came jumper	Version	Reference	Bush for barrel arbor, top	Version	Reference
	3606A	72211508356		3606A	7221150B70400
	3606B			3606B	
Bush for barrel arbor, bottom	Version	Reference	Screw for yoke spring	Version	Reference
	3606A	7221150B70401		3606A	72200003454/1
	3606B			3606B	



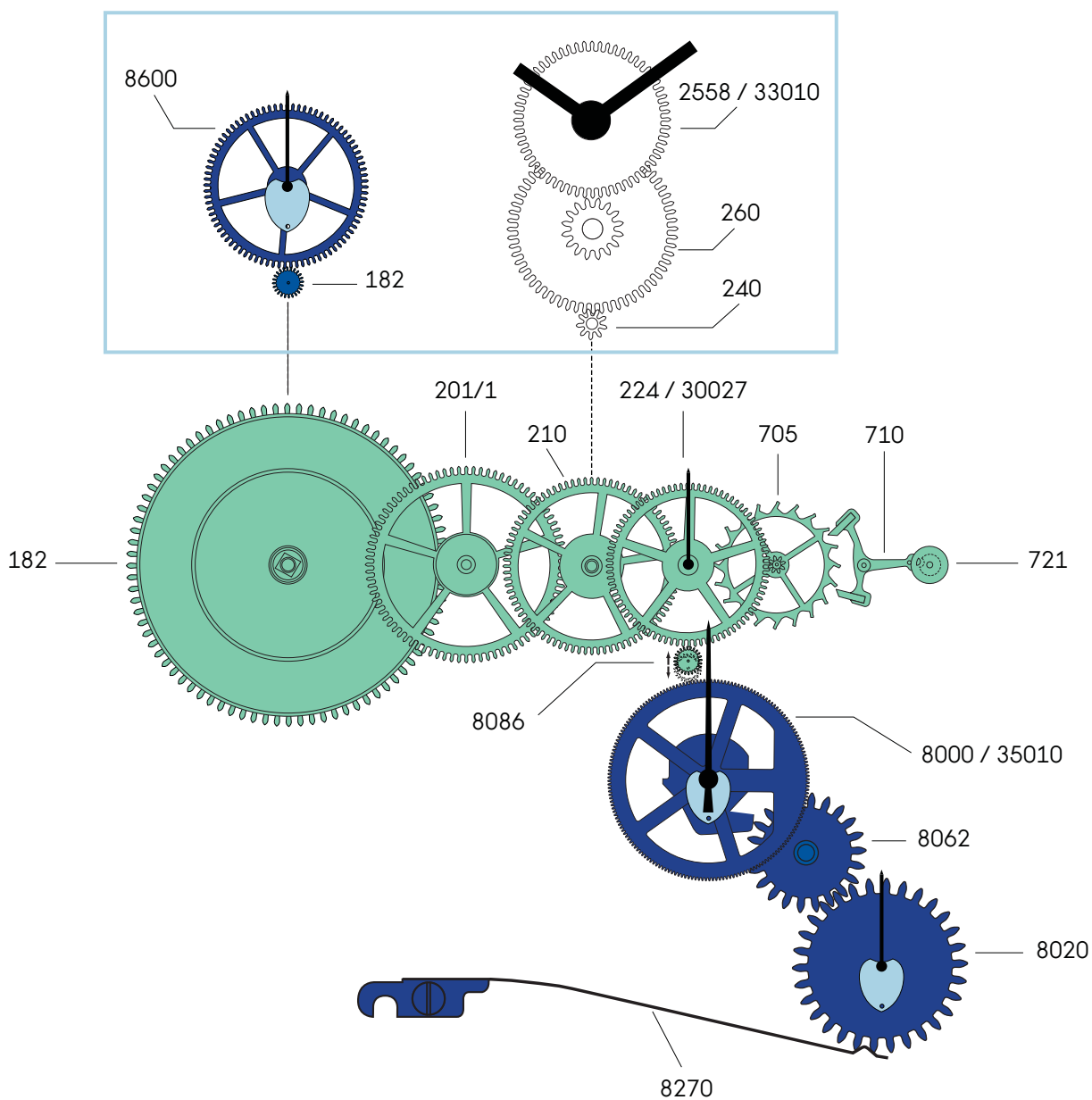
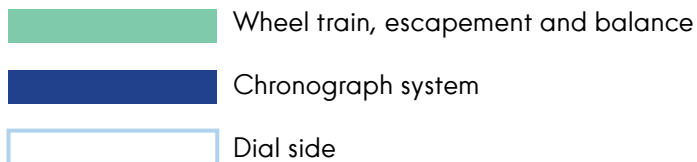
Spare parts list for calibre 3606

Screw for combined maintaining plate	Version	Reference	Screw for month indicator	Version	Reference	
	3606A	-----		3606A	72200003456	
	3606B	72200002550/1		3606B		
Screw for moon phase platform	Version	Reference	Screw for day indicator	Version	Reference	
	3606A	72200002550/1		3606A	72200003456	
	3606B			3606B		
Screw for setting lever jumper	Version	Reference	Screw for calendar platform	Version	Reference	
	3606A	72200002551/1		3606A	72200003454/1	
	3606B			3606B		
Screw for oscillating weight	Version	Reference	Screw for operating lever	Version	Reference	
	3606A	72200002841/1		3606A	72200003455/1	
	3606B			3606B		
Screw for stud	Version	Reference	Screw for balance bridge	Version	Reference	
	3606A	72200003250		3606A	72200003457/1	
	3606B			3606B		
Screw for barrel and train wheel bridge	Version	Reference	Screw for moon phase platform	Version	Reference	
	3606A	72200003453/1		3606A	7223606B3568	
	3606B			3606B		
Screw for pallet fork bridge	Version	Reference				
	3606A	72200003453/1				
	3606B					
Screw for bridge for automatic device	Version	Reference				
	3606A	72200003453/1				
	3606B					
Screw for lock	Version	Reference				
	3606A	72200003453/1				
	3606B					
Screw for minute counter jumper	Version	Reference				
	3606A	72200003453/1				
	3606B					
Screw for chronograph bridge	Version	Reference				
	3606A	72200003453/1				
	3606B					
Screw for ratchet wheel	Version	Reference				
	3606A	72200003454/1				
	3606B					
Screw for crown wheel core	Version	Reference				
	3606A	72200003454/1				
	3606B					
Screw for chronograph cam	Version	Reference				
	3606A	72200003455/1				
	3606B					





1.0 Description of chronograph system



2.0 Chronograph setting

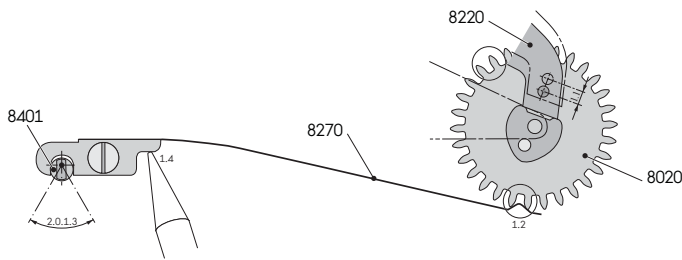
Control and adjustment of the minute counting-wheel

Set the teeth penetration according to the figure below using the eccentric (8401).

Check (after setting) on a complete revolution of the chronograph wheel (35010).

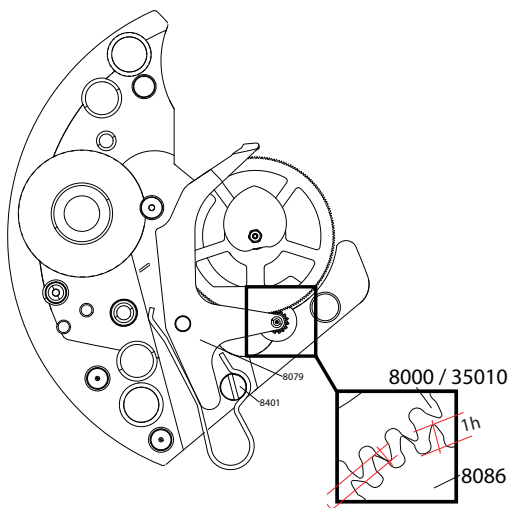
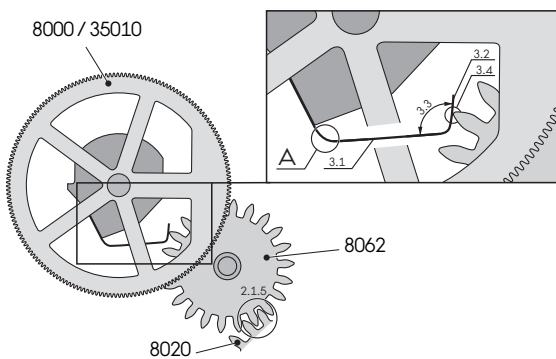
The control and adjustment of the minute counting-wheel position is made in chronological order as explained on the following lines:

- 2.1 Move the hammer (8220) backwards...
- 2.2 ...and control the synchronization of the position of the minute counter jumper (8270) with the minute counting-wheel (8020).
- 2.3 If the minute counting-wheel moves left or right when moving back the hammer, the position of the eccentric must be modified.
- 2.4 The minute counter jumper must have contact with the bridge to assure the correct tension.



3.0 Control and adjustment of the position of the chronograph wheel finger

- 3.1 Control that the long part of the finger is absolutely straight. If not, the finger shape must be modified with a small tweezer.
- 3.2 Control that the finger impulse face is straight as well.
- 3.3 Control that the angle of the finger is between 90 - 100 degree.
- 3.4 The penetration of the finger with the driving wheel (8062) can be adjusted in point A. It should not be deeper than the catch up of the minute counting-wheel and the driving wheel gear.



4.0 Chronograph wheel gearing setting with oscillating pinion

- 4.1 The gear penetration between the oscillating pinion (8086) and the chronograph wheel (8000) must be 1/3 of the length of the chronograph teeth.



5.0 Assembling the calendar mechanism

Position the calendar driving wheel (2555) according to the following figure. This makes it possible to proceed with fitting the date star-wheel (2557).

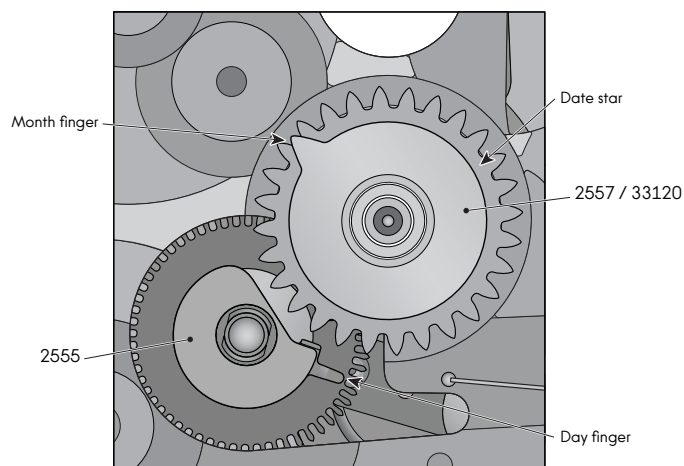
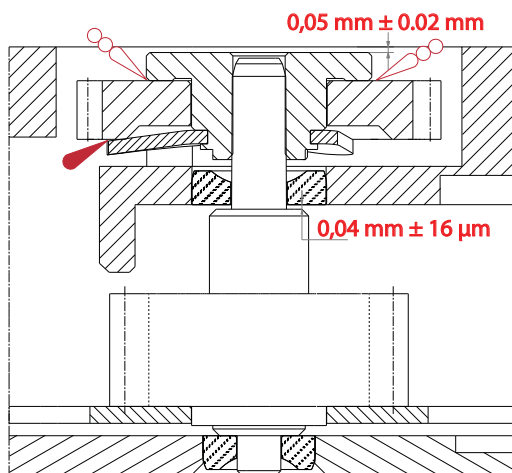


Fig. 6.0



6.0 Driver cannon pinion assembly and disassembly

6.0.1 Driving cannon pinion assembly ref. 240

Once fitted, check the play of the first wheel.

6.0.2 Driving cannon pinion disassembly ref. 240

Remove driving cannon pinion assembly gently using levers for removing hairspring collets ref. 5022500011.

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Molycote DX



7.0 Runners for hand setting and hand setting force

Description	Movement holder for hand setting	No. of runners for hand setting	Minimum force (N)	Maximum force (N)	Support (jewel)
Hand for date	507 0018	8	10	40	no
Hour hand		6	10	40	no
Hand 24H		2	10	30	no
Minute hand		2	10	40	no
Hand for chrono second		1	30	50	yes
Hand for hour counter		1	10	20	no
Hand for minute counter		1	10	30	yes
Hand for small second		1	10	30	no

8.0 Epilam coating

8.1 Partial epilame coating

Description	Reference	
Pallet fork **	710ET	

8.2 Components that should not be epilam-treated after cleaning

Description	Reference	
Balance fitted on balance bridge	721ET + 1214RB	
Balance complete	721ET	
Shock-absorber, upper *	3004	
Shock-absorber, lower *	3005	
Pallet bridge	125RB	
Barrel complete***	182	
Slipping mainspring	771	
Reversing wheel	1488	

*Do not treat the shock-absorber settings with epilam; the cap jewels should however be treated.

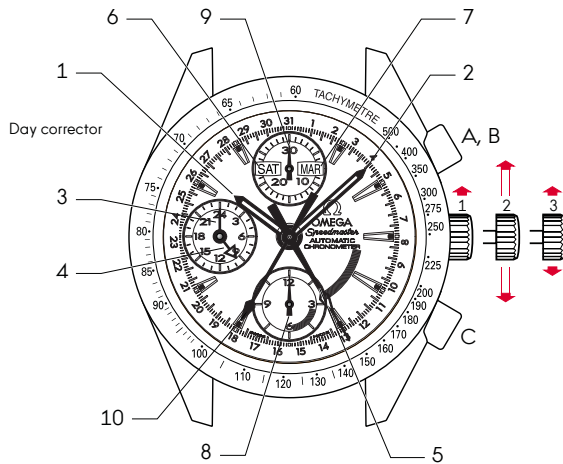
** Pallet fork: Steep only the two gathering pallets in epilame.

***Do not treat the complete barrel with epilam, only the drum, cover and arbour separately.

For additional information see [Working Instructions No 27](#).



Fig. 9.0



9.0 Crown functions

Description

A: Start
B: Stop
C: Reset to zero (only after stopping)

The crown has 3 positions:

1. **Normal position**, wearing position: the crown ensures that the watch is water-resistant.

Occasional winding: if the watch has not been worn for 44 hours or more, wind it up with the crown in position 1.

2. **Correcting the date:** pull the crown out to position 2, turn the crown forwards, then push the crown back to position 1.

NB: the correction is inadvisable between 21H and midnight.

Time setting, stop-second

1. Hour hand
2. Minute hand
3. Second hand
4. 24 hours hand
5. Second counter
6. Day indicator
7. Month indicator
8. Hour counter
9. Minute counter
10. Date hand

Correcting the day: press the corrector at 10 o'clock. (Correction not possible between 21.30 o'clock and 24H).

Correcting the month: automatic each time the date hand passes 31.

10.0 Technical data

10.1 Winding time on Cyclotest (4 rpm)

Complete winding takes 6 hours 20 minutes (movement stopped before the winding, stem in position 3).

10.2 Instantaneous rate

10.2.1 Check of instantaneous rate

Please consult [Working Instructions 5](#) and [28](#) for instructions and tolerances.



Modifications of Technical Guide versions for Calibre 3606

Technical Guide versions				
First version:	29.04.2009	Version A	Made by:	Pelrom
Last version:	20.01.2010	Version B		

Modifications of Technical Guide version B	
Old version (A)	New version (B)
	Update of exploded views Update of the lubrication points Diverse Information

