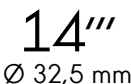
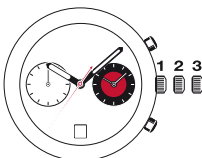


	Technical Guide			TG-19-C-073-E	M
	Made by: selrom	Date: 18.10.2016	3	Modifications: see last page	

CALIBRE

9300-9301 - 9900-9901

	9300-9301	9900-9901
	Version A	
		
	 	
Height of movement 9300-9900	7.6 mm	
Height of movement 9301-9901	7.7 mm	
Power reserve	60 h	
Number of jewels	54	
Frequency	4 Hz (28'800 A/h)	
Escapement version	3 level Co-Axial	3 level Master Co-Axial
Balance	Free sprung balance with 4 regulating screws and silicon hairspring	
Calendar jump	semi-instantaneous	
Winding	Automatic 2 directions	



Oscillating weight pivoting on a ceramic bearing without lubrication.
*Equipping Master Chronometer certified watches.

General Information for Calibre 9300-9301 - 9900-9901

For the following informations, see document «General information for Calibres 9300-9301 and 9900-9901» / Hand fitting height

Page

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Fitting stages for calibre 9300-9301 - 9900-9901

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Pre-assembly of the chronograph module 3	18
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Spare parts list for calibre 9300-9301 - 9900-9901

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Hand fitting height / Alignment of hearts	41
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Modifications of Technical Guide versions for Calibre 9300-9301

42

General Information for Calibre 9300

For the following informations, see document «General information for Calibres 9300, 9301, 9605 and 9615, 9900, 9901, 9904 and 9905»:

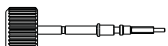
- Complete balance bridge
- Hand fitting height
- Instantaneous rate
- Special lubrication
- Lubricants
- Cleaning and epilame-coated procedure
- Components that should not be epilame-treated
- Tightening and untightening torques according to screw thread size
- Symbols
- For more informations, please consult respective Technical Guides
- Runners for hand setting and hand setting force
- Components that should not be washed
- Program list for timing machines
- Mandatory tools
- Checks of endshake
- Dual barrel system
- Balance bridge
- Sprung-balance
- Information on the movement
- Winding stem function
- Technical data
- Instantaneous rate
- Adjustment of the rate
- Disassembly
- Removing of the winding stem

Hand fitting height (refer to the spare parts lists)

Components marked with asterisks (*) are available in different versions (colour, height).

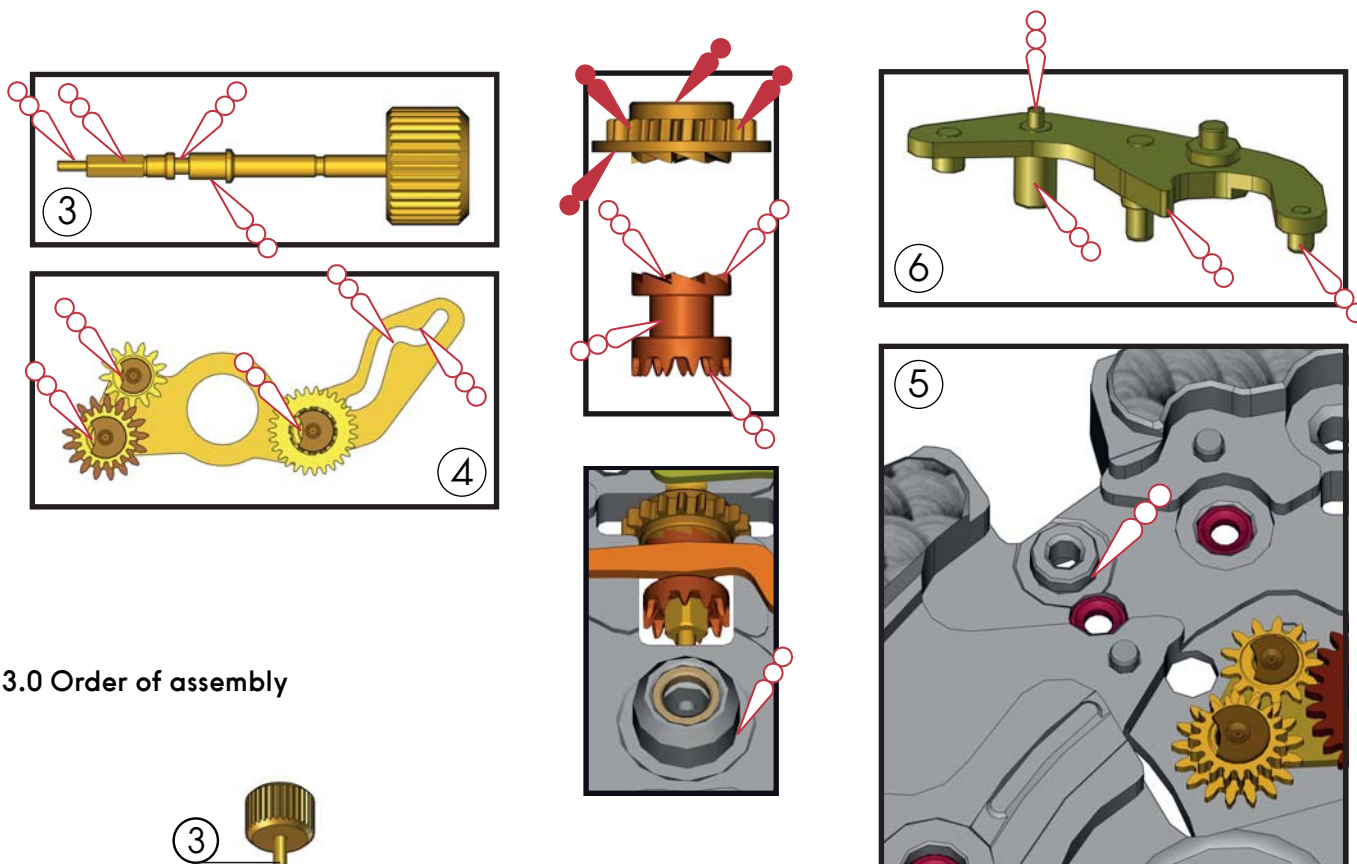
Fitting stages for calibre 9300 - Assembly of mechanism 1

1.0 Parts for Assembly

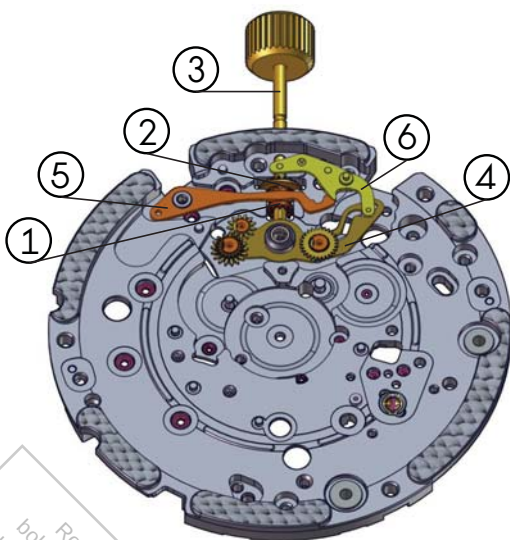
Movement holder	Sliding pinion	Winding pinion	Winding stem	Operating lever for date corrector	Yoke	Setting lever, pre-assembled
Ref. 506 0153	① Ref. 31121	② Ref. 31120	③ Réf. 102ST9000	④ Ref. 55040	⑤ Ref. 51050	⑥ Ref. 5108018
						

2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant
 Moebius 9504



3.0 Order of assembly



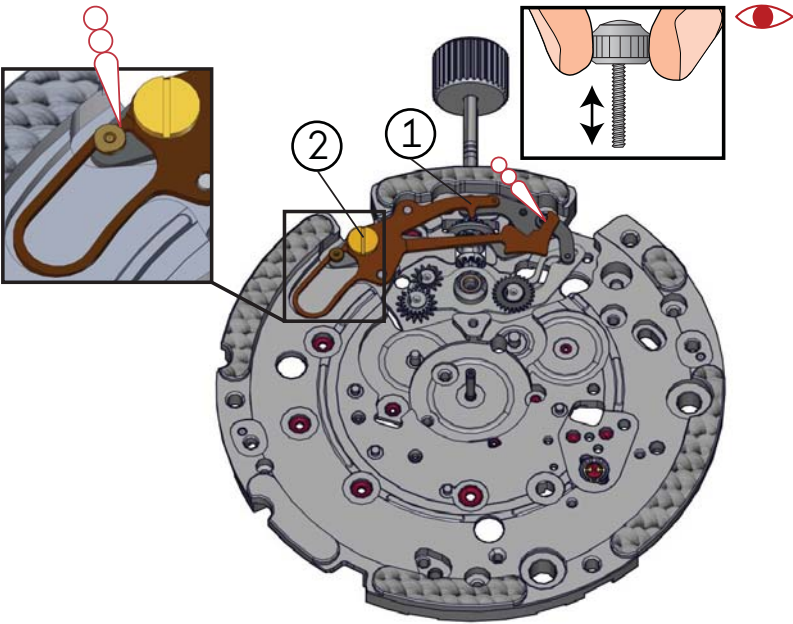
Fitting stages for calibre 9300 - Assembly of mechanism 2

1.0 Parts for Assembly

Movement holder	Setting lever jumper	Screw for setting lever jumper
Ref. 506 0153	①	②
	Ref. 51090	Ref. 3585 (1x)
		

2.0 Order of assembly

 Moebius SYNT HP-1300 Sans Colorant



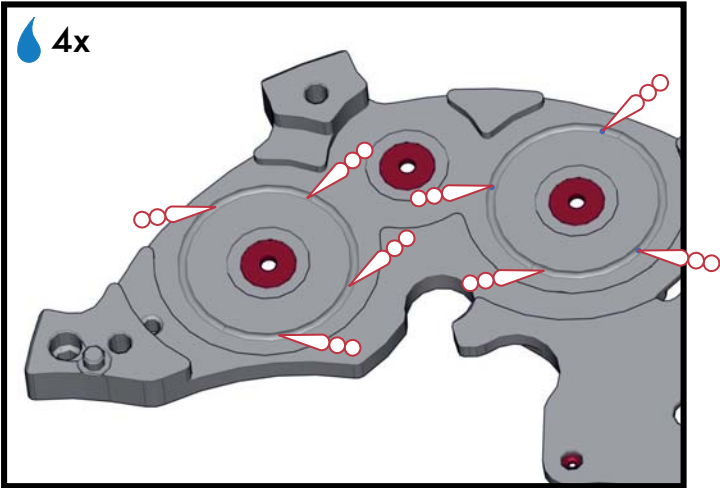
Fitting stages for calibre 9300 - Barrel bridge pre-assembly

1.0 Parts for Assembly

Movement holder	Click spring	Click	Screw for click
Ref. 506 0153	①	②	③
	Ref. 61080	Ref. 51120	Ref. 3544 (1x)
			

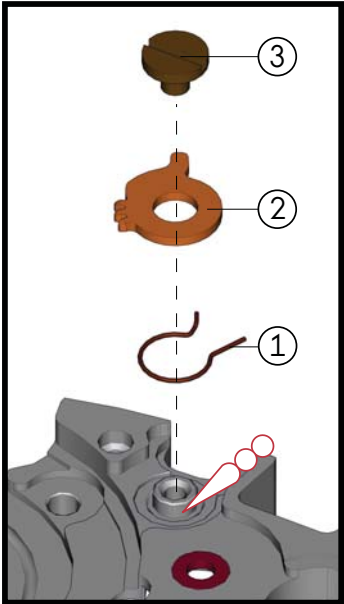
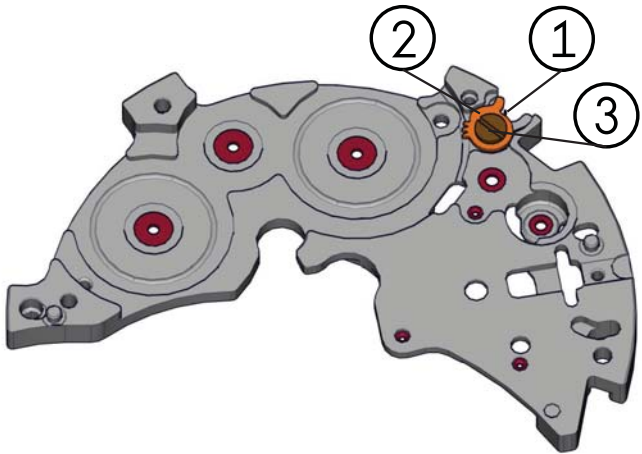
2.0 Pre-assembly and lubrication

 Moebius SYNT HP-1300 Sans Colorant



 The spring must be free !

3.0 Order of assembly

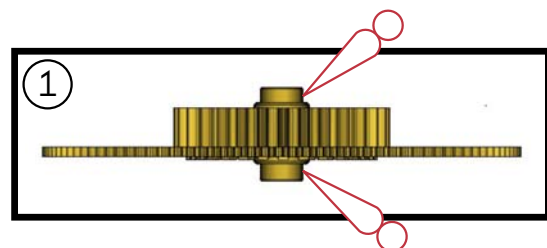


Fitting stages for calibre 9300 - Barrel fitting and wheel train 1

1.0 Parts for Assembly

Movement holder	First wheel	First wheel bridge	Screw for first wheel bridge	Barrel one, complete	Barrel two, complete
Ref. 506 0153	①	②	③	④	⑤
	Ref. 30014	Ref. 1006718	Ref. 3583 (2x)	Ref. 20010	Ref. 20012
					
					

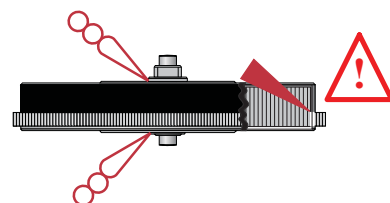
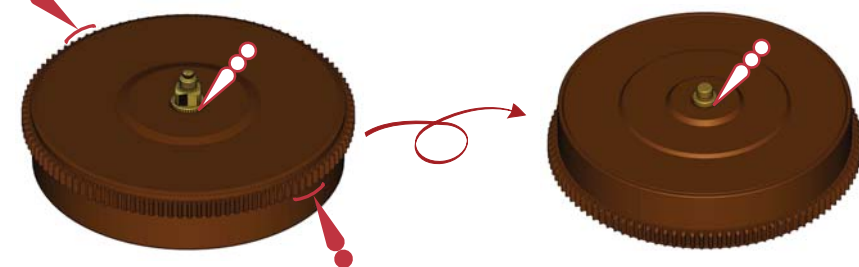
2.0 Pre-Assembly and lubrication



- Kluber P125
- ⊖ Moebius SYNT HP-1300 Sans Colorant
- Moebius 9504
- ⊖ Moebius SYNT HP-500

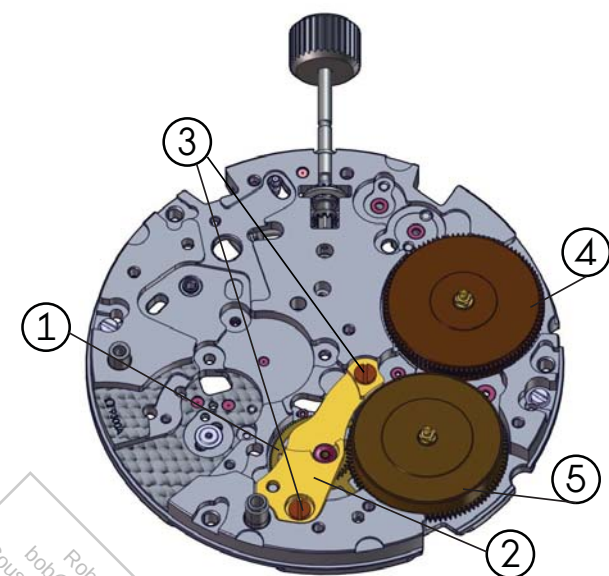
⚠ Barrel lubrication:
Please refer to [Working Instruction No 67](#)

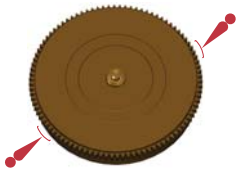
2x 5 teeth



⚠ Only for barrel two

3.0 Order of assembly



Differences between the barrels			
④	Barrel one	⑤	Barrel two
			
			
			

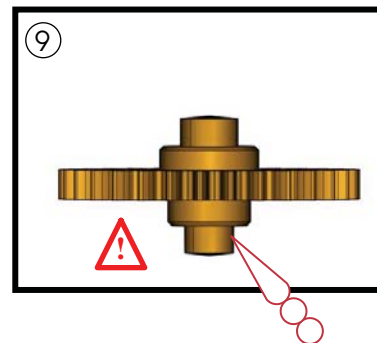
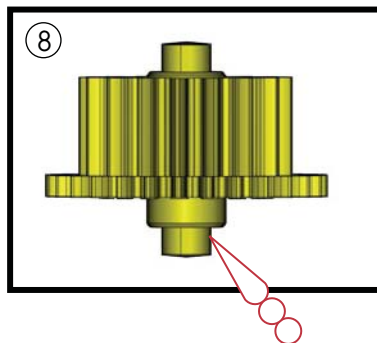
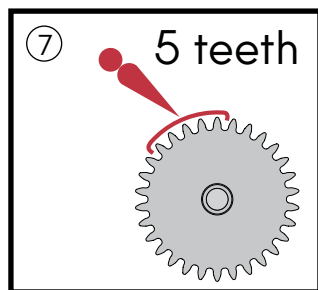
Fitting stages for calibre 9300 - Barrel fitting and wheel train 1

1.0 Parts for Assembly

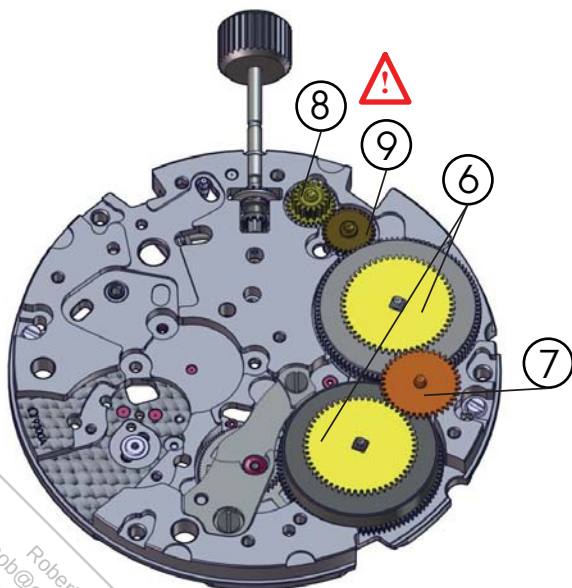
Movement holder	Ratchet wheel	Transmission wheel for ratchet wheels	Winding reduction wheel	Intermediate driving wheel
Ref. 506 0153	⑥	⑦	⑧	⑨
	Ref. 31020	Ref. 31101	Ref. 32029	Ref. 32083
				
				

2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant
 Moebius 9504



3.0 Order of assembly



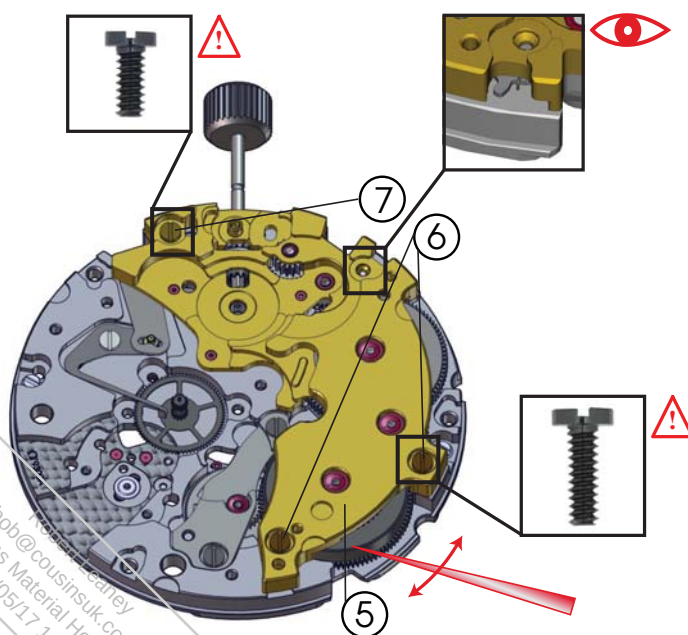
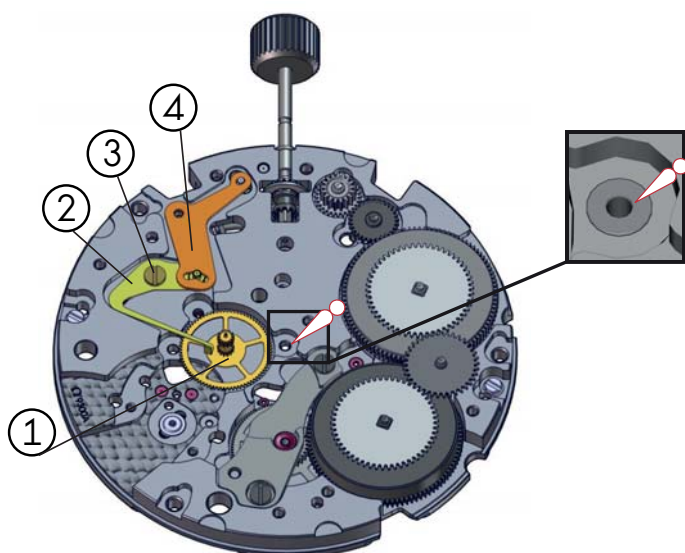
Fitting stages for calibre 9300 - Assembly of mechanism 3

1.0 Parts for Assembly

Movement holder	Intermediate escape wheel	Stop lever	Screw for stop lever	Stop operating lever	Barrel bridge	Screw for barrel bridge	
Ref. 506 0153	①	②	③	④	⑤	⑥	⑦
	Ref. 30039	Ref. 56070	Ref. 3583 (1x)	Ref. 56030	Ref. 1004118	Ref. 3652 (2x)	Ref. 3651 (1x)
							
							

2.0 Order of assembly

 Moebius SYNT HP-500



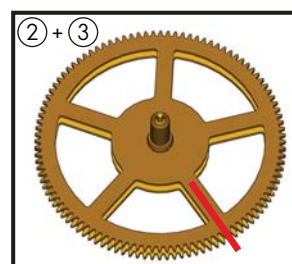
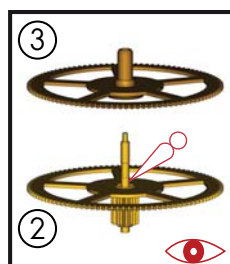
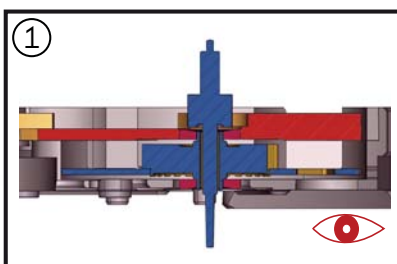
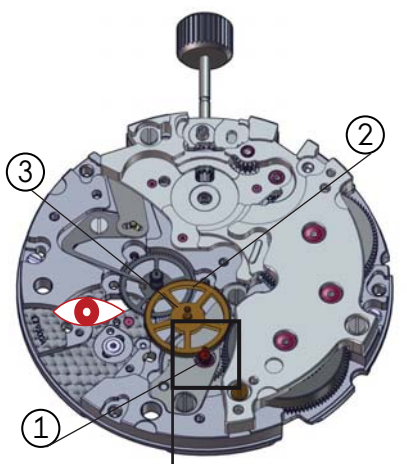
Fitting stages for calibre 9300 - Assembly of mechanism 4

1.0 Parts for Assembly

Movement holder	Small second pinion	Third wheel	Third wheel 2
Ref. 506 0153	①	②	③
	Ref. 30083**	Ref. 30025	Ref. 30026
			
			

2.0 Order of assembly

 Moebius SYNT HP-500

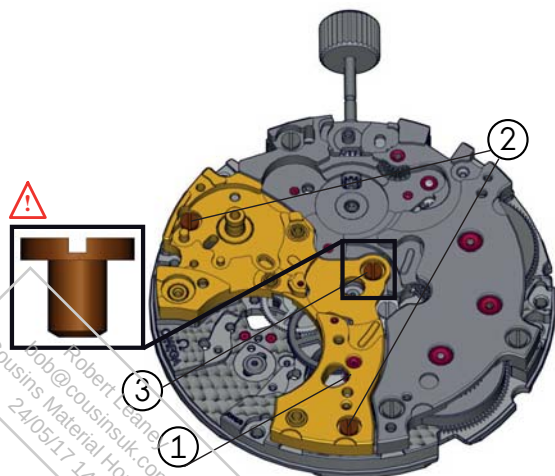


The arms of the third wheel and the third wheel 2 need to be synchronised (red line).

1.0 Parts for Assembly

Movement holder	Wheel train bridge	Screw for wheel train bridge	
Ref. 506 0153	①	②	③
	Ref. 1004818	Ref. 3652 (2x)	Ref. 3583 (1x)
			

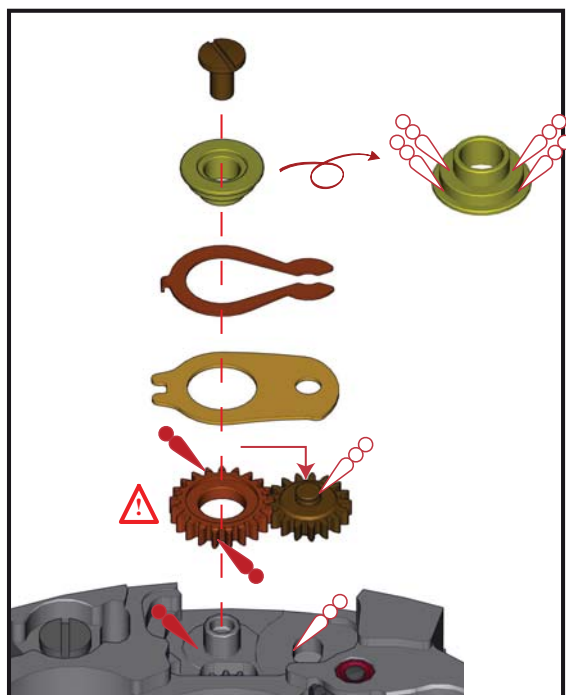
2.0 Order of assembly



1.0 Parts for Assembly

Movement holder	Crown wheel	Sliding gear wheel	Sliding gear yoke	Friction spring	Crown wheel core	Screw for crown wheel core
Ref. 506 0153	①	②	③	④	⑤	⑥
	Ref. 31023	Ref. 35064	Ref. 51051	Ref. 61241	Ref. 81136	Ref. 3986 (1x)
						
						

2.0 Pre-lubrication

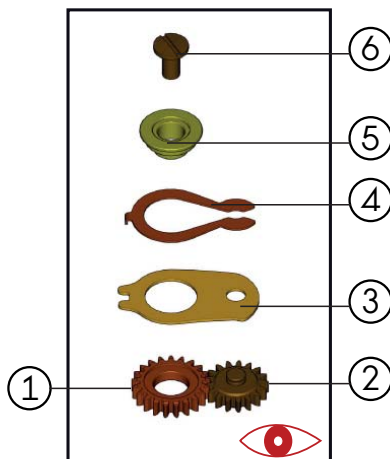
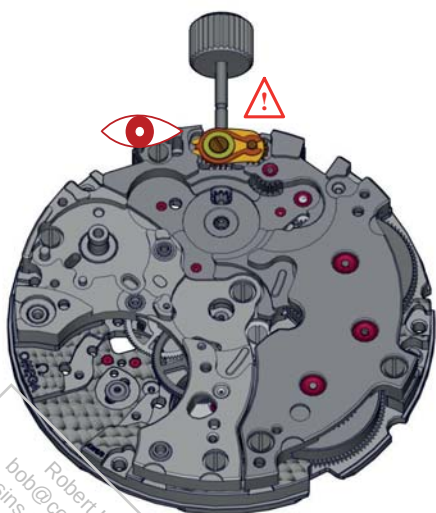


 Moebius 9504
 Moebius SYNT HP-1300 Sans Colorant



Do not assemble upside down !

3.0 Order of assembly



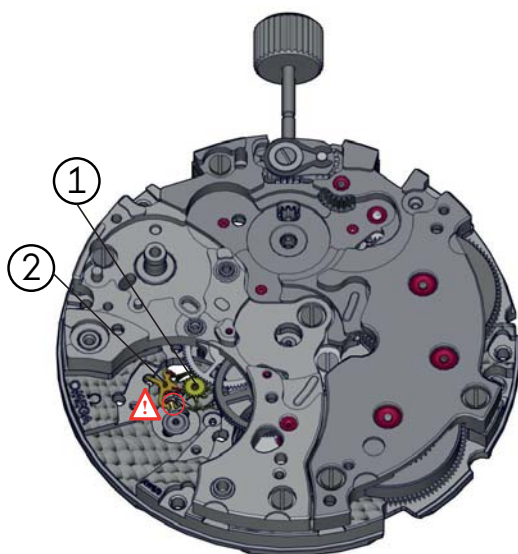
Check the function !

Fitting stages for calibre 9300 - Pallet fork and pallet fork bridge

1.0 Parts for Assembly

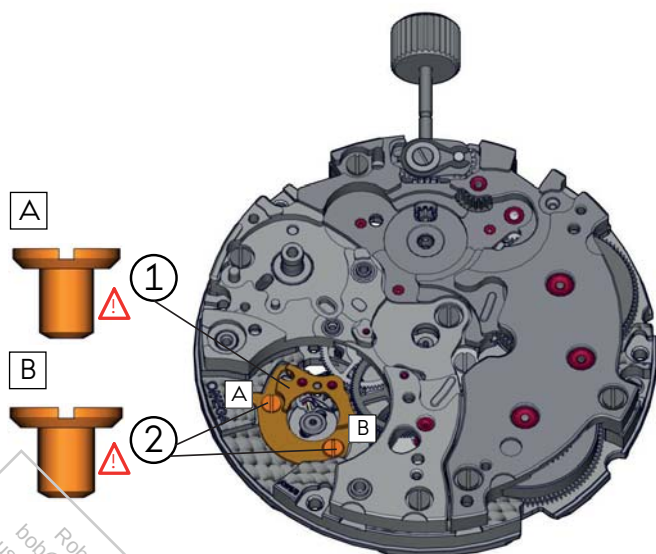
Movement holder	Co-Axial wheel	Pallet fork	Pallet fork bridge	Screw for pallet fork bridge
Ref. 506 0153	①	②	③	④
	Ref. 3004019	Ref. 40010	Ref. 1005718	Ref. 3562 (2x)
				
				

2.0 Pre-assembly and lubrication



⚠ Never touch the inside of the fork

3.0 Order of assembly



Tighten the screw **A** which holds the pallet fork bridge in position.

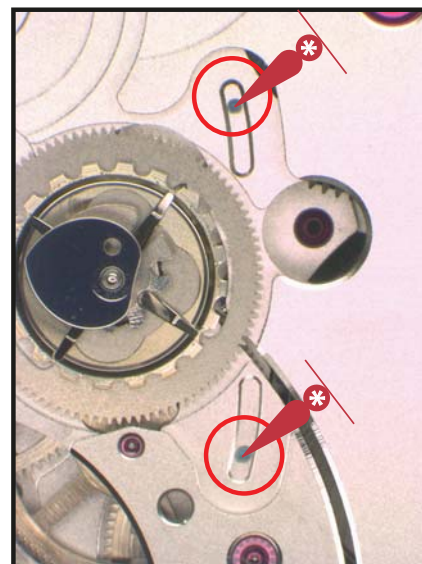
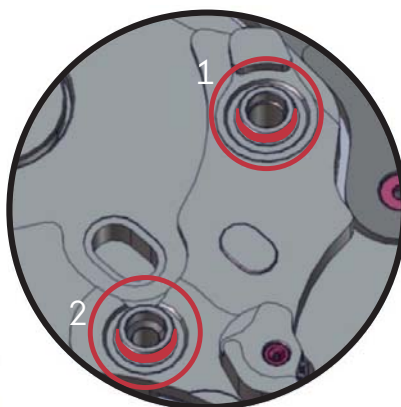
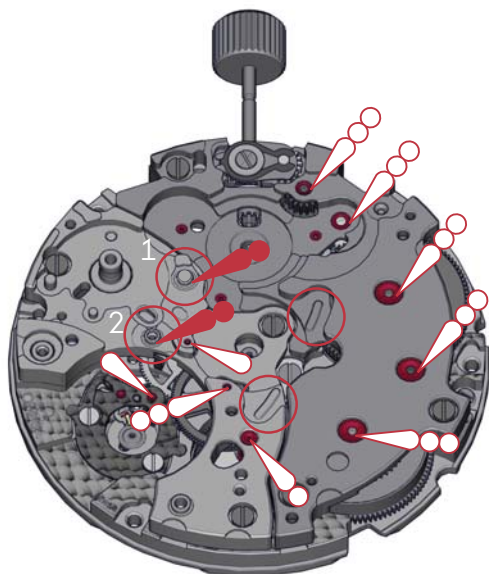


Tighten the screw **B** which maintains the pallet fork bridge in position.

Fitting stages for calibre 9300 - Wheel train and escapement lubrication

1.0 Lubrication

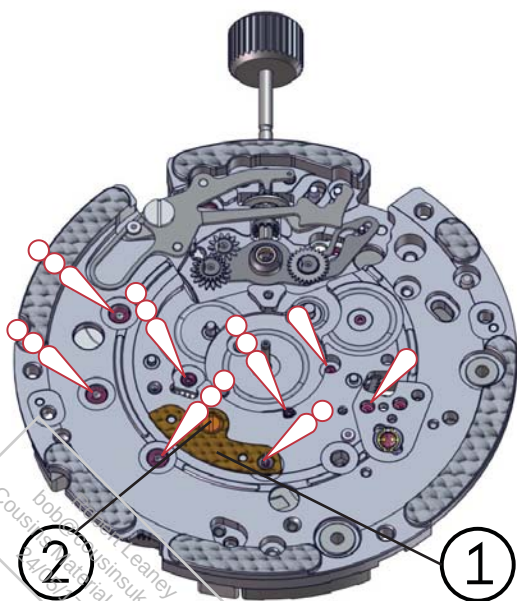
-  Moebius 9504
-  Moebius 9504
-  Moebius SYNT-A-LUBE 9010
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-500



1.0 Parts for Assembly

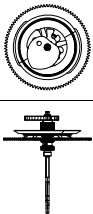
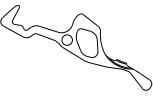
Movement holder	Small second bridge	Screw for small second bridge
Ref. 506 0153	①	②
	Réf. 1503018	Réf. 3549 (1x)
		

2.0 Order of assembly

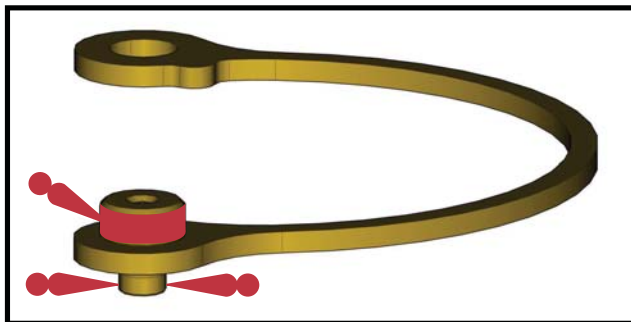


Fitting stages for calibre 9300 - Assembly of chronograph mechanism 1

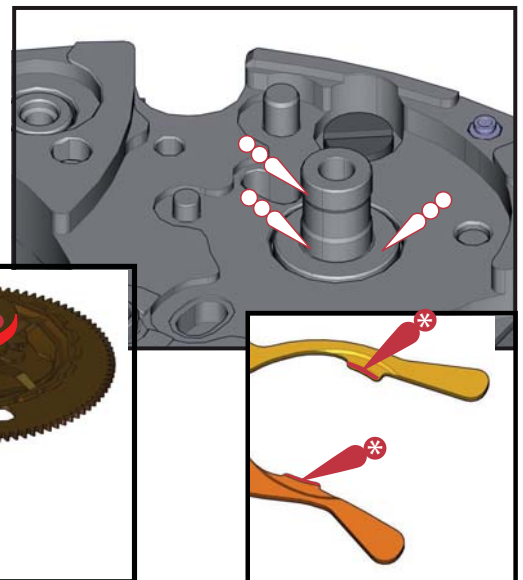
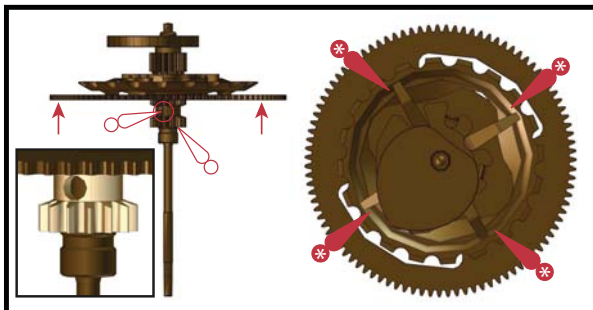
1.0 Parts for Assembly

Movement holder	Second clutch wheel	Clutch return spring	Clutch rocker	Clutch lever	Vertical clutch spring	Screw for vertical clutch spring
	①	②	③	④	⑤	⑥
	Ref. 35062**	Ref. 65271	Ref. 55365	Ref. 55366	Ref. 65272	Ref. 3986 (1x)
Ref. 506 0153						

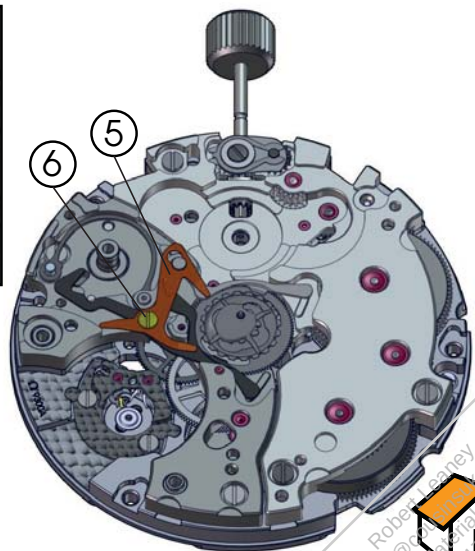
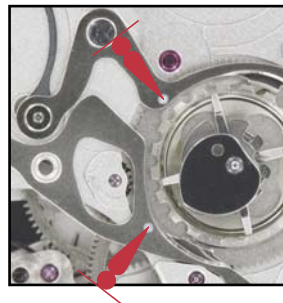
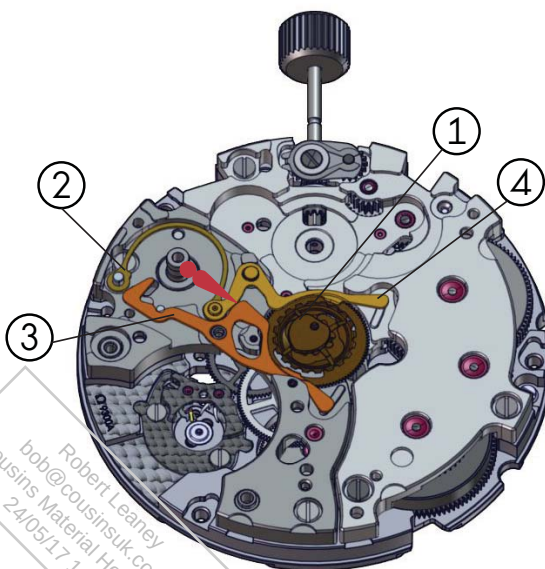
2.0 Pre-lubrication



-  Moebius 9504
-  Moebius 9504
-  Moebius 9504
-  Moebius SYNT HP-500
-  Moebius SYNT HP-1300 Sans Colorant
-  Molycote DX

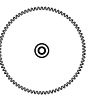
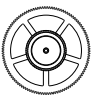


3.0 Order of assembly



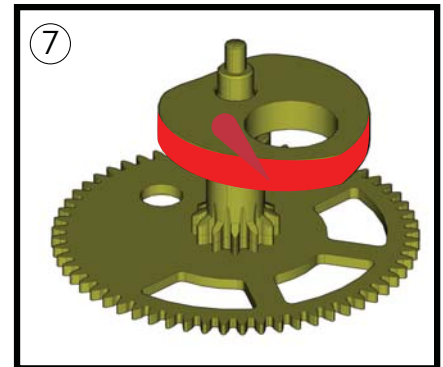
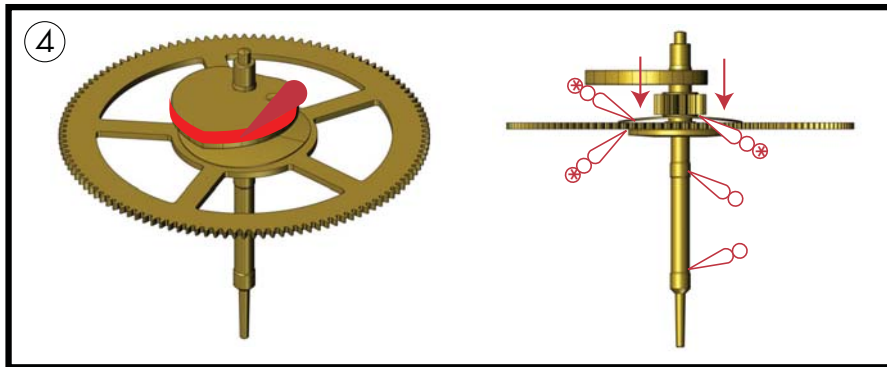
Fitting stages for calibre 9300 - Assembly of chronograph mechanism 2

1.0 Parts for Assembly

Movement holder	Column wheel	Column wheel jumper	Hour counting wheel	Minute-counting wheel	Hour counting intermediate wheel	Minute counting intermediate wheel	Fly-back driving wheel
	①	②	③	④	⑤	⑥	⑦
	Ref. 55180	Ref. 55130	Ref. 35030**	Ref. 35012**	Ref. 35033	Ref. 35014	Ref. 35086
Ref. 506 0153							
							

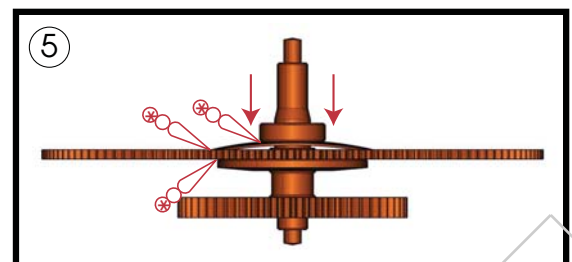
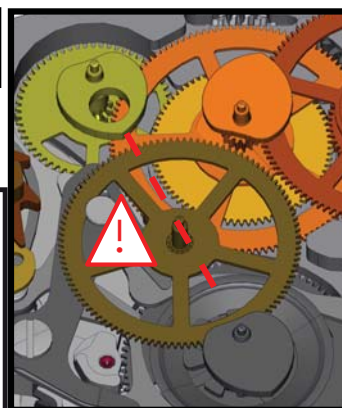
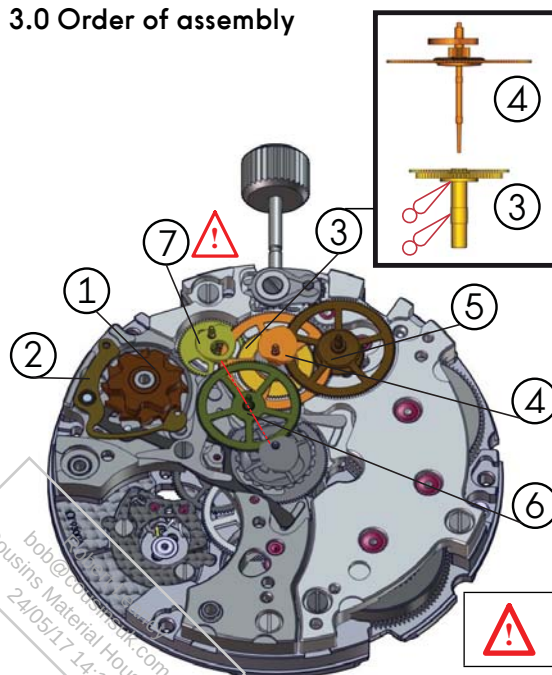
2.0 Pre-lubrication

-  Moebius SYNT HP-500
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-1300 Sans Colorant
-  Molycote DX



For more information, see page 41

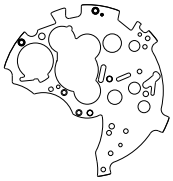
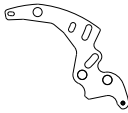
3.0 Order of assembly



Wheels No. 3 and No. 4 are located above wheel No. 7

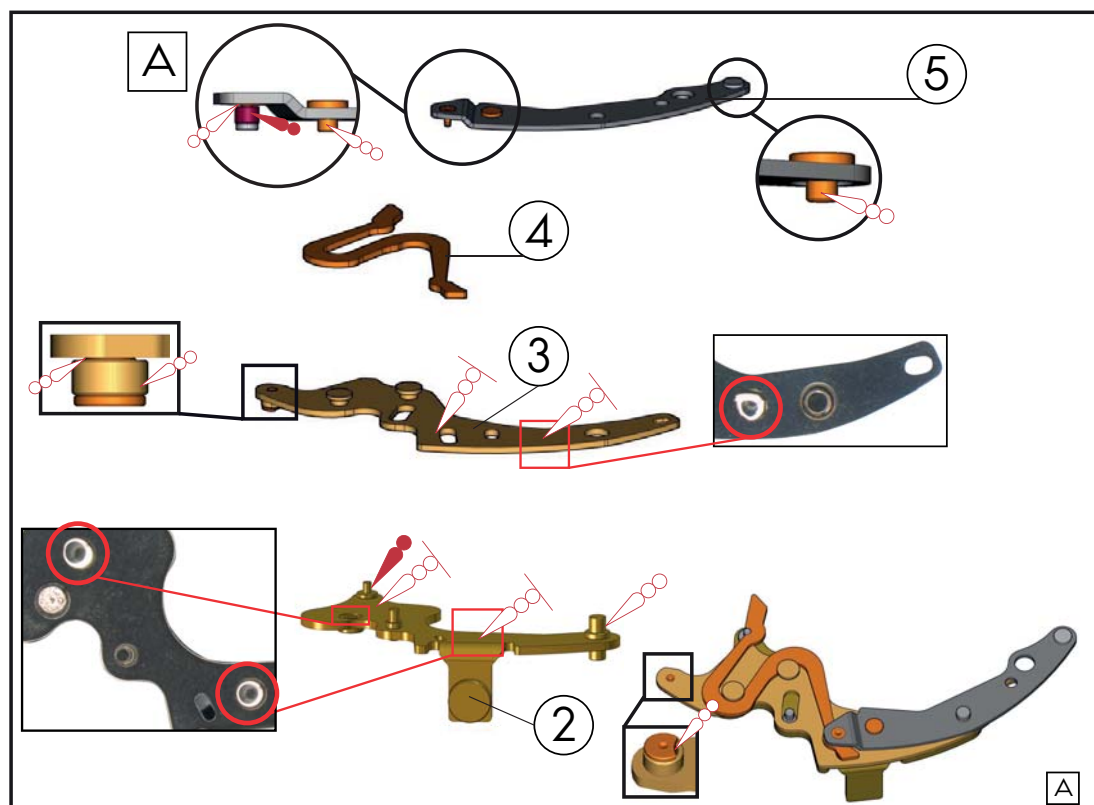
Fitting stages for calibre 9300 - Pre-assembly of the chronograph module 1

1.0 Parts for Assembly

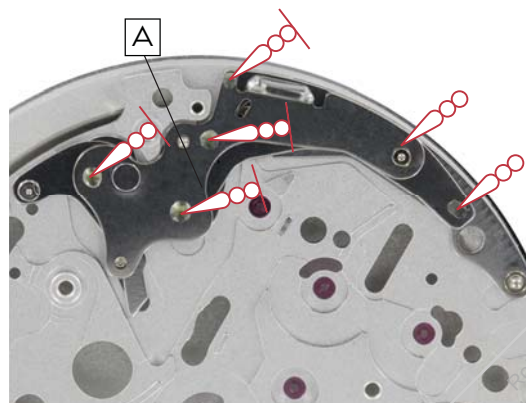
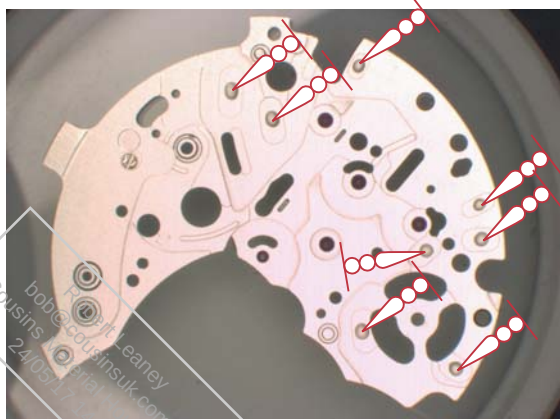
Movement holder	Chronograph bridge	Operating lever direct	Operating lever declutchable	Operating lever jumper	Intermediate yoke
Ref. 506 0159	①	②	③	④	⑤
	Ref. 1504018	Ref. 55060	Ref. 55059	Ref. 55152	Ref. 55093
					

2.0 Pre-assembly

-  Moebius 9504
-  Moebius 9504
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-1300 Sans Colorant



3.0 Pre-lubrication and order of assembly



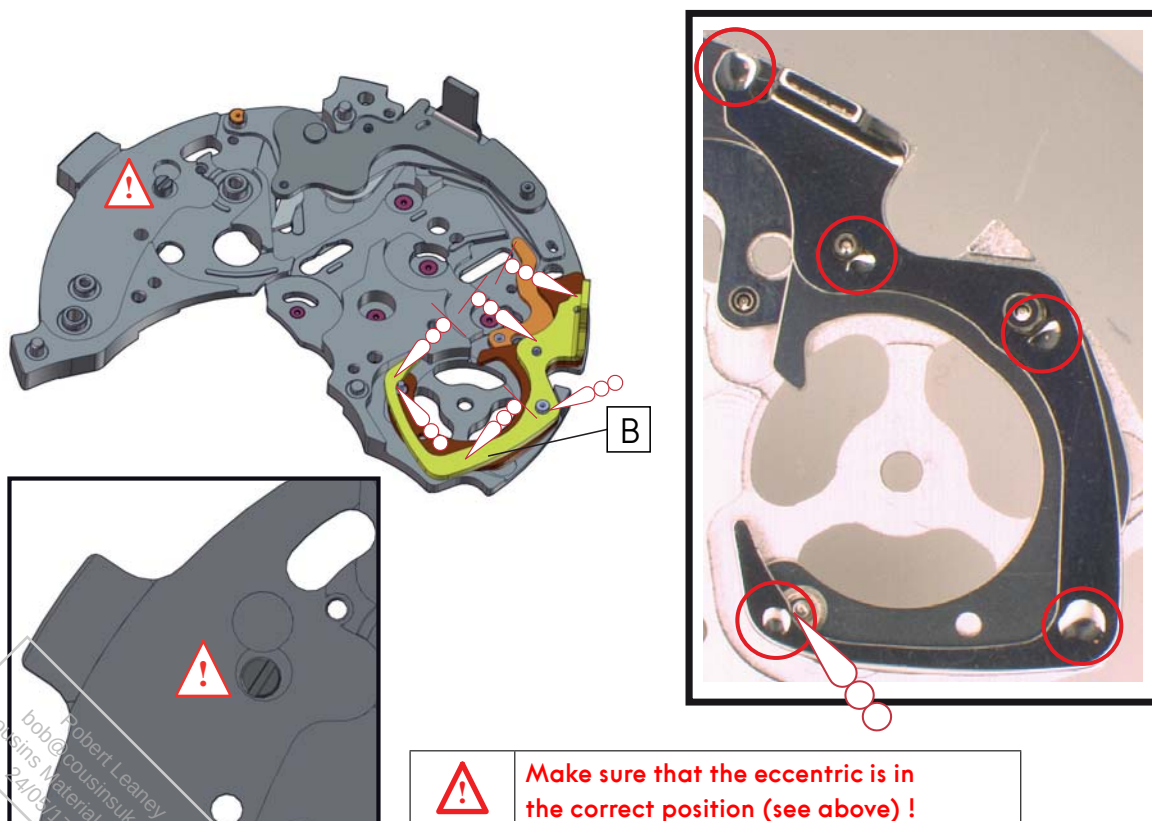
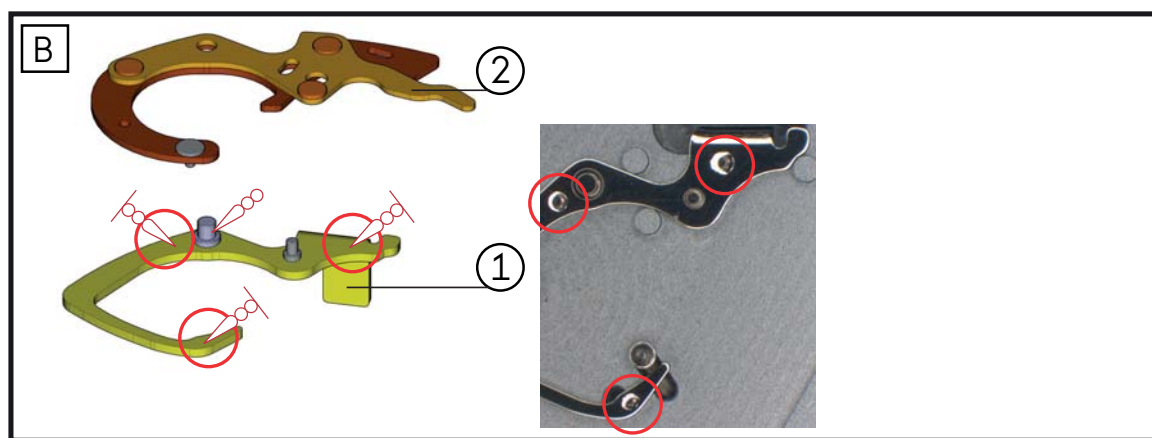
Fitting stages for calibre 9300 - Pre-assembly of the chronograph module 2

1.0 Parts for Assembly

Movement holder	Fly-back yoke direct	Fly-back yoke declutchable
Ref. 506 0158	①	②
	Ref. 55092	Ref. 55091
		

2.0 Pre-assembly and pre-lubrication

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

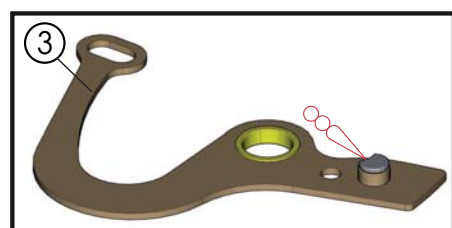
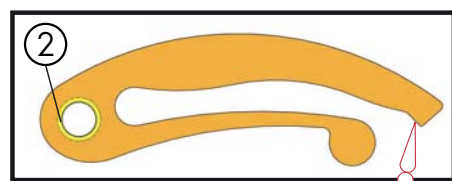


Fitting stages for calibre 9300 - Pre-assembly of the chronograph module 3

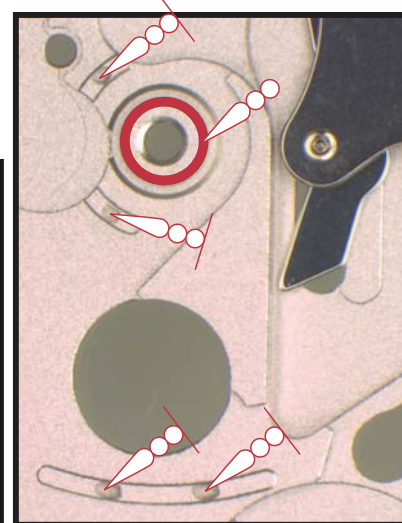
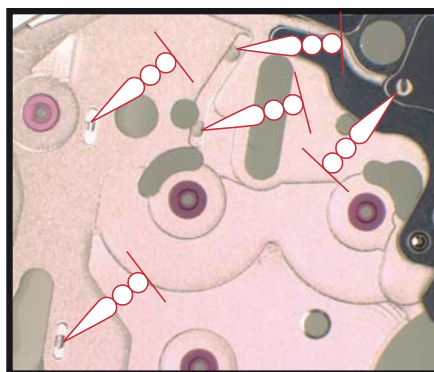
1.0 Parts for Assembly

Movement holder	Hammer, 3 functions	Hammer yoke jumper	Hammer yoke
Ref. 506 0153	①	②	③
	Ref. 55242	Ref. 55151	Ref. 55090
			

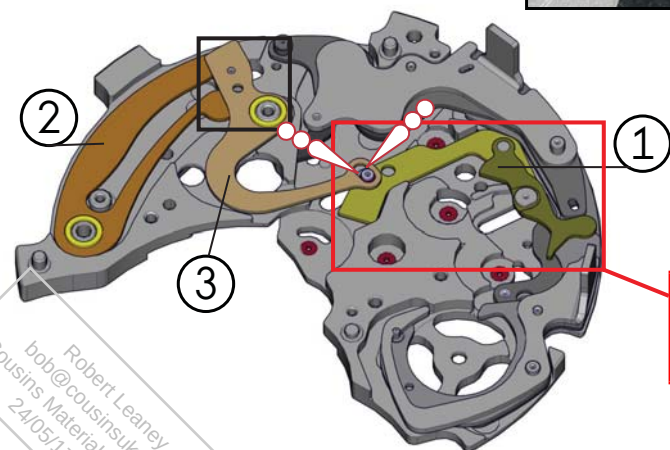
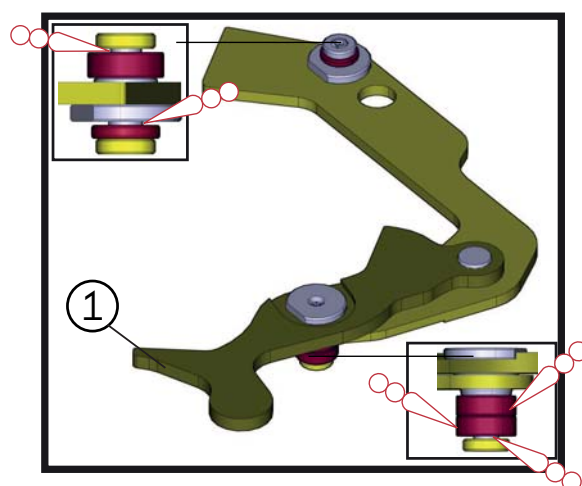
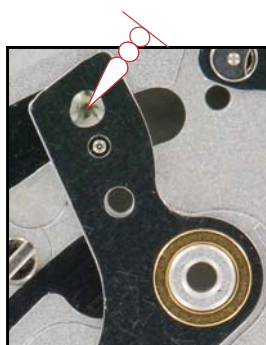
2.0 Pre-lubrication



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



3.0 Order of assembly



To avoid any problems during assembly, the hammer must be placed exactly in this position. (start position)

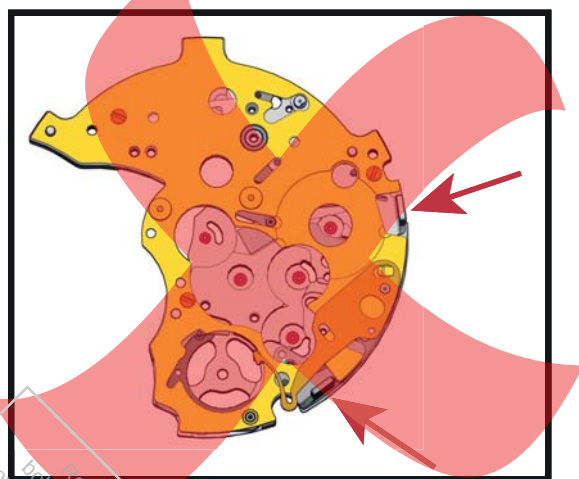
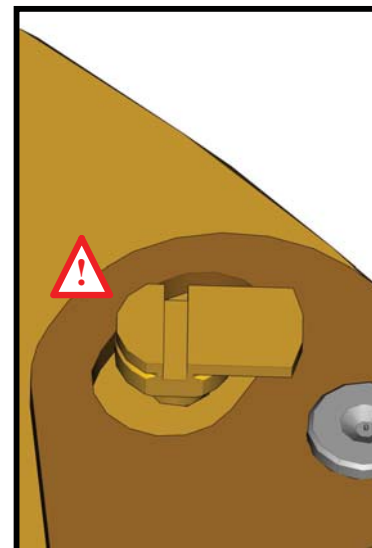
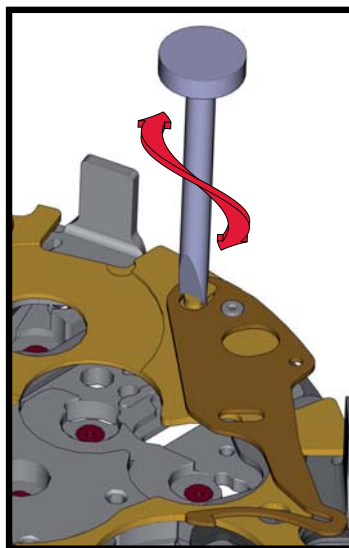
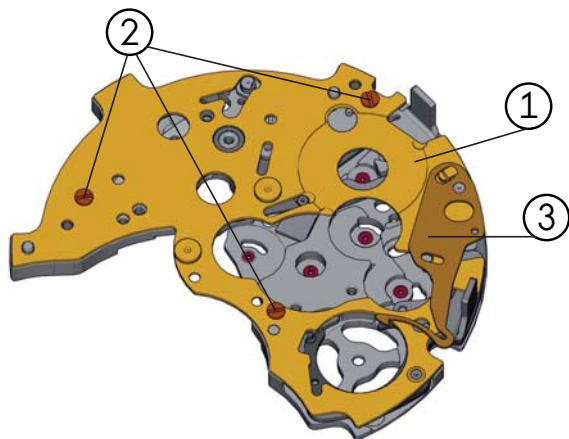


Fitting stages for calibre 9300 - Pre-assembly of the chronograph module 4

1.0 Parts for Assembly

Movement holder	Chronograph mechanism platform	Screw for chronograph mechanism platform	Operating lever hook
Ref. 506 0153	①	②	③
	Ref. 1502018	Ref. 3549 (3x)	Ref. 55071
			

2.0 Order of assembly



Do not check the functions now.

Fitting stages for calibre 9300 - Assembly of chronograph mechanism 3

1.0 Parts for Assembly

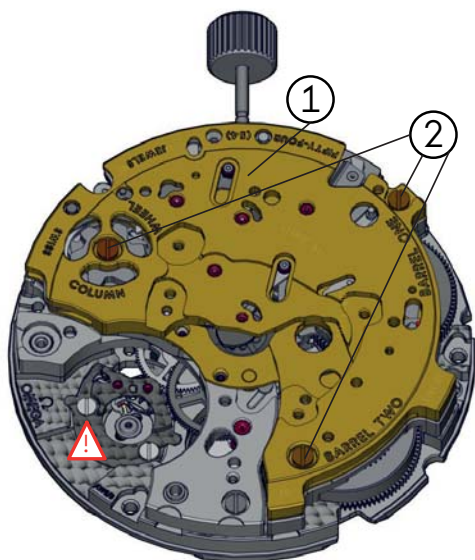
Movement holder	Chronograph module	Screw for chronograph bridge
Ref. 506 0153	①	②
		Ref. 3582 (3x) 

3.0 Order of assembly



Lubrication of the escapement:

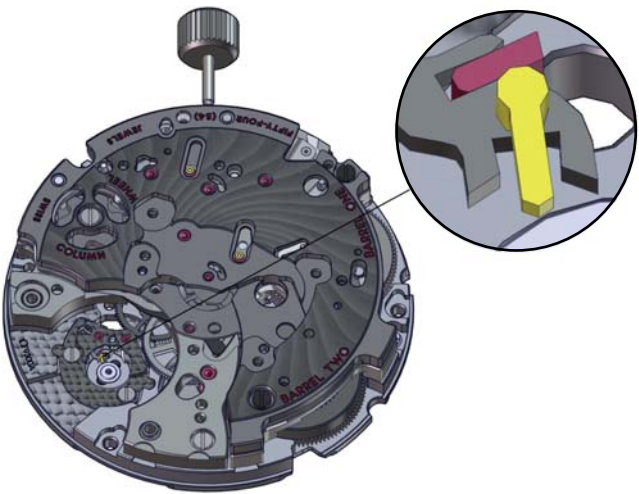
Please refer to [Working Instruction No 40](#)



1.0 Parts for Assembly

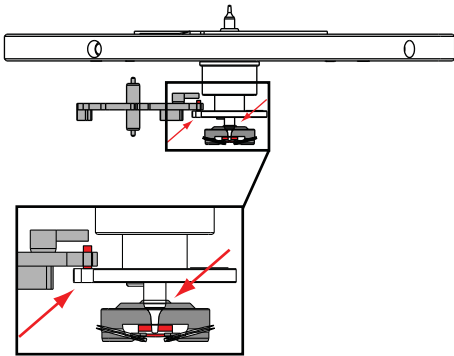
Movement holder	Balance bridge	Screw for balance bridge
Ref. 506 0153	①	②
	Ref. 1005818	Ref. 3584 (2x)
		

2.0 Positioning and checks

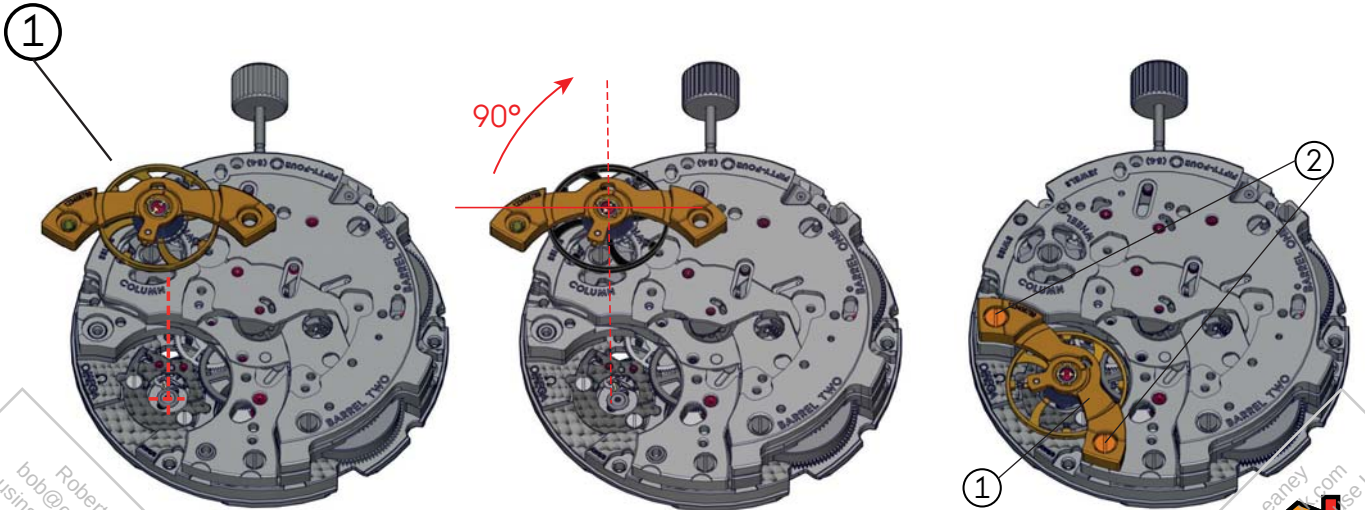


 **Shock-absorber lubrication:**
Please refer to [Working Instruction No 40](#)

 **Si14 balance-spring:**
See recommendations in document
«General Information for Calibres in page 12.



3.0 Order of assembly



1.0 Checking and adjusting the end-shake of the balance

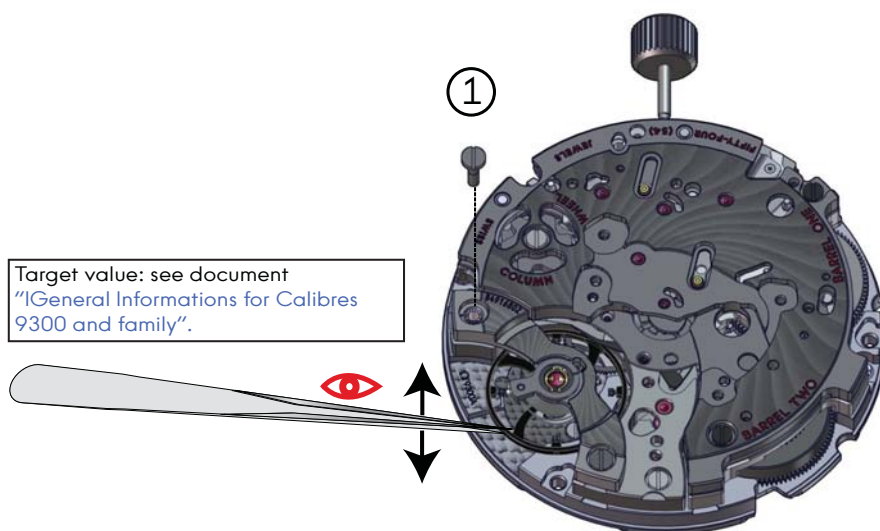
👁 Check the end-shake.

Correct the end-shake:

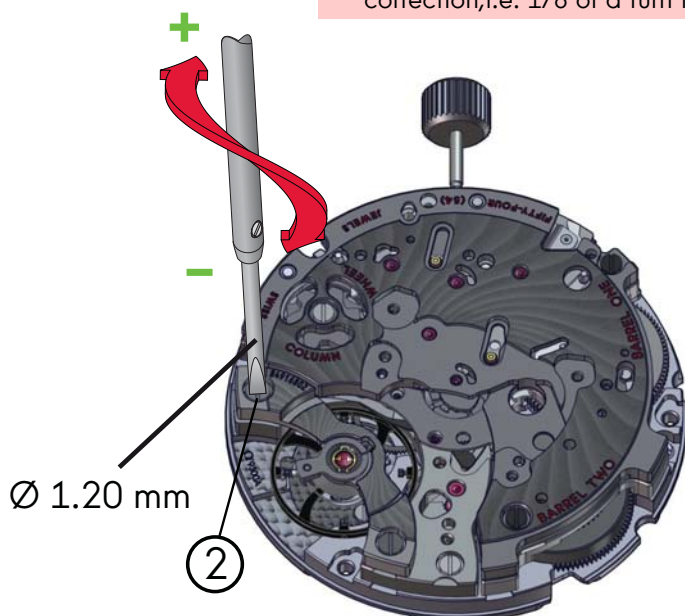
Remove the screw ①.

Turn the balance bridge adjustment nut using a screwdriver ②.

Tighten the screw ①.



1 turn of the adjustment nut gives a 0.08 mm, correction, i.e. 1/8 of a turn for 0.01 mm



2.0 Escapement function check

⚠ **Escapement function check:**
Please consult the [Working Instruction No 54](#)

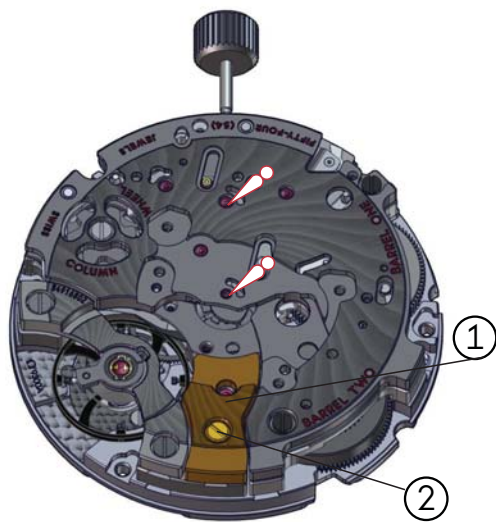
Fitting stages for calibre 9300 - Assembly of limitation bridge

1.0 Parts for Assembly

Movement holder	Limitation bridge	Screw for limitation bridge
Ref. 506 0153	①	②
	Ref. 10066	Ref. 3582 (1x)
		

2.0 Order of assembly

 Moebius SYNT HP-500

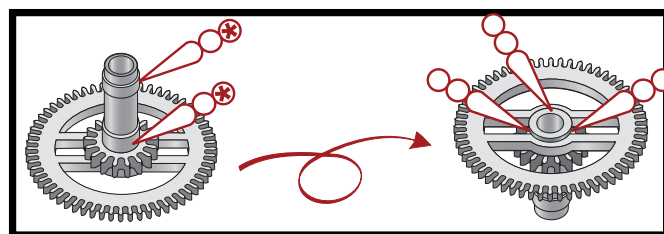
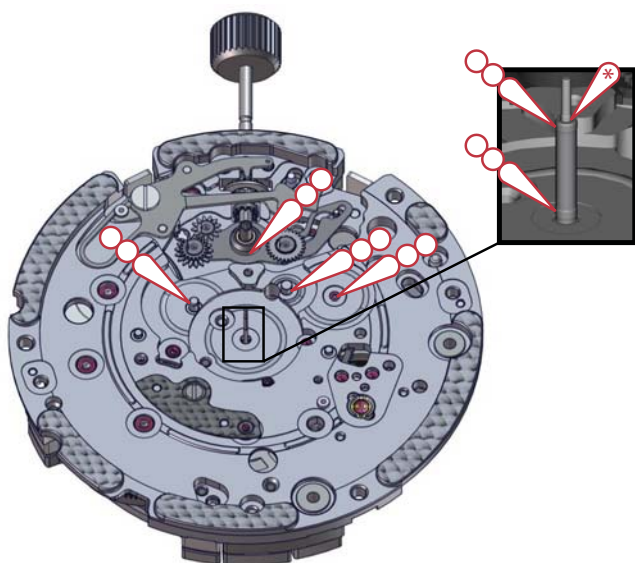


1.0 Parts for Assembly

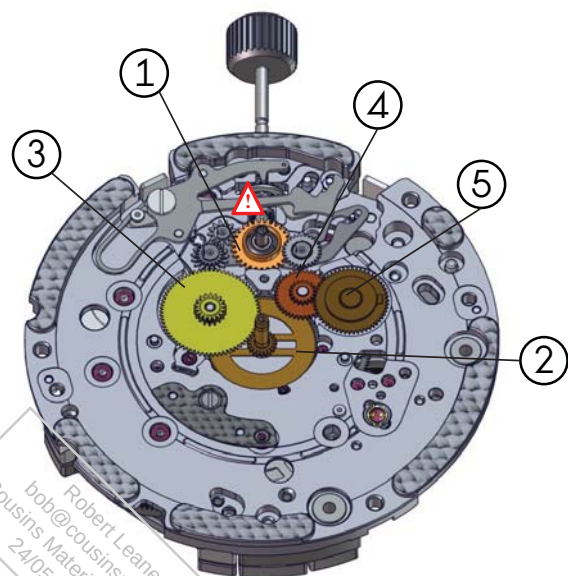
Movement holder	Intermediate wheel for corrector	Cannon pinion with driving wheel	Minute wheel	Intermediate date wheel	Date indicator driving wheel
Ref. 506 0153	①	②	③	④	⑤
	Ref. 36051	Ref. 31083**	Ref. 31041	Ref. 33011	Ref. 33020
					
					

2.0 Pre-lubrication

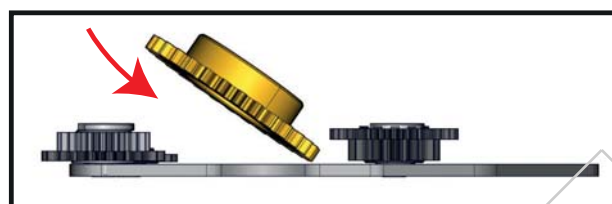
-  Moebius SYNT-A-LUBE 9010
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius SYNT HP-1300 Sans Colorant



3.0 Order of assembly

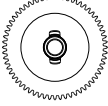


 Do not assemble upside down !



Fitting stages for calibre 9300 - Minute wheel fitting 2

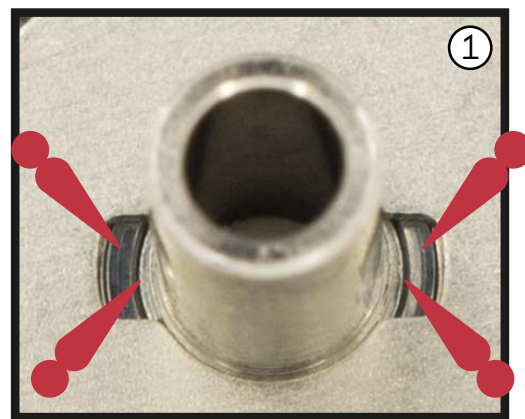
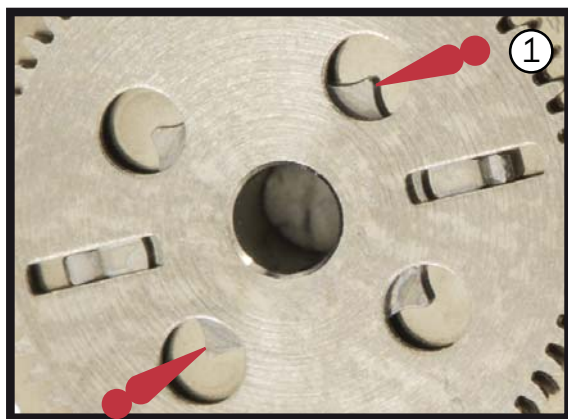
1.0 Parts for Assembly

Movement holder	Hour wheel	Date indicator	Date jumper
Ref. 506 0153	①	②	③
	Ref. 31046**	Ref. 9144	Ref. 53080
			
			

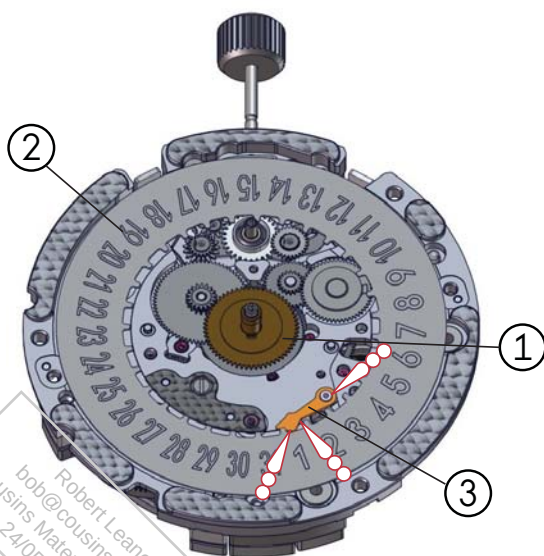
2.0 Order of assembly

-  Moebius 9504
-  Moebius SYNT HP-1300 Sans Colorant

 **Lubrication of the date indicator:**
Please refer to [Working Instruction No 40](#)



2.0 Order of assembly



1.0 Parts for Assembly

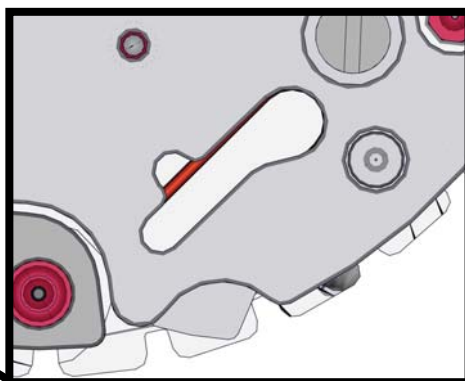
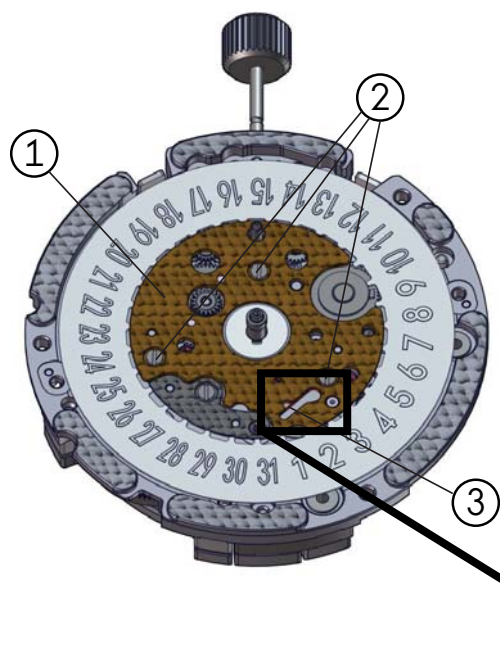
Movement holder	Date mechanism maintaining plate	Screw for date mechanism maintaining plate	Date jumper spring
Ref. 506 0153	①	②	③
	Ref. 1310118	Ref. 3549 (3x)	Ref. 6303019
			

2.0 Order of assembly



After Assembly of mechanism:

1. Lubricate the date jumper 53080 with Moebius SYNT-HP-1300 Sans Colorant.
2. Turn the date indicator about ten teeth with the quick date correction.
3. Lubricate the date jumper 53080 again.
4. Turn the date indicator about ten teeth with the quick date correction.



Fitting stages for calibre 9300 - Assembly of the automatic module

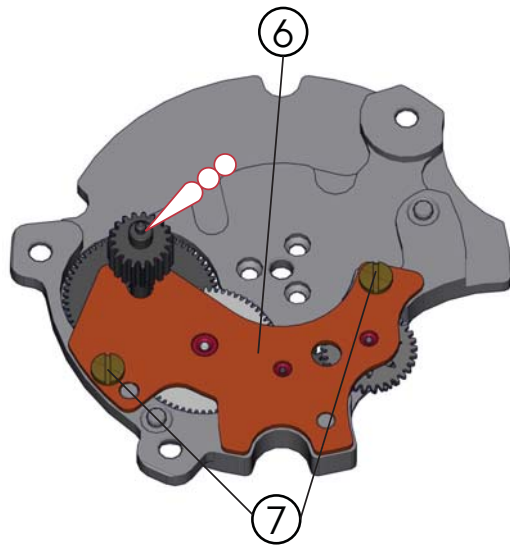
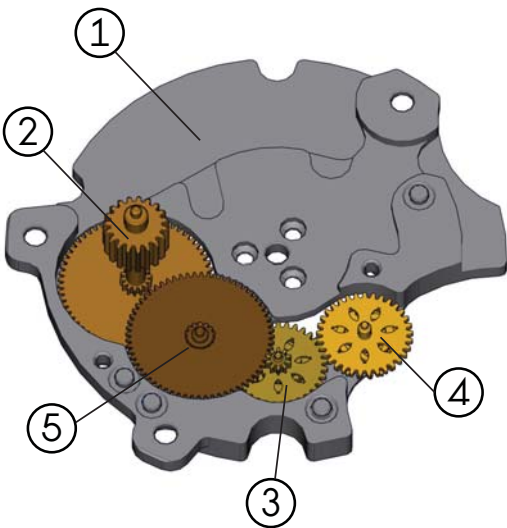
1.0 Parts for Assembly

Movement holder	Upper automatic bridge	Driving wheel for barrel one	Reversing wheel	Auxiliary reversing wheel	Transmission wheel	Lower automatic bridge	Screw for lower automatic bridge
Ref. 506 0153	①	②	③	④	⑤	⑥	⑦
	Ref. 1203018	Ref. 31066	Ref. 32037	Ref. 32038	Ref. 36033	Ref. 1205018	Ref. 3987 (2x)

2.0 Order of assembly

Moebius SYNT HP-1300 Sans Colorant

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



Fitting stages for calibre 9300 - Fitting the oscillating weight

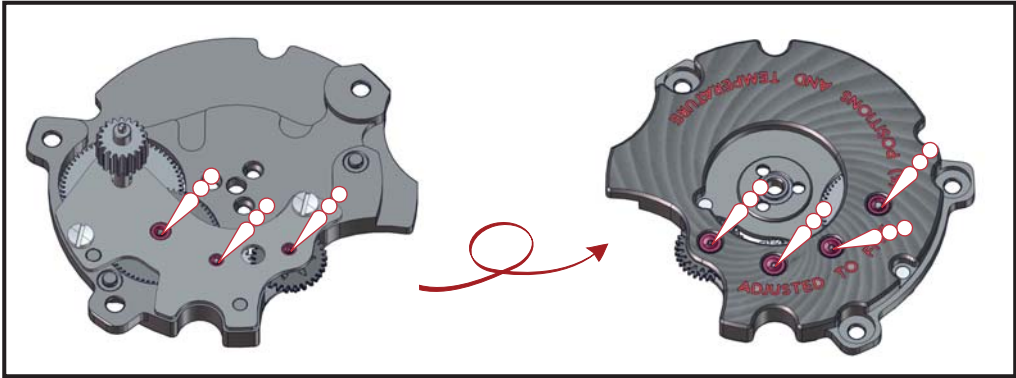
1.0 Parts for Assembly

Movement holder	Oscillating weight	Screw for oscillating weight
Ref. 506 0153	①	②
	Ref. 2201018	Ref. 5445 (3x)
		

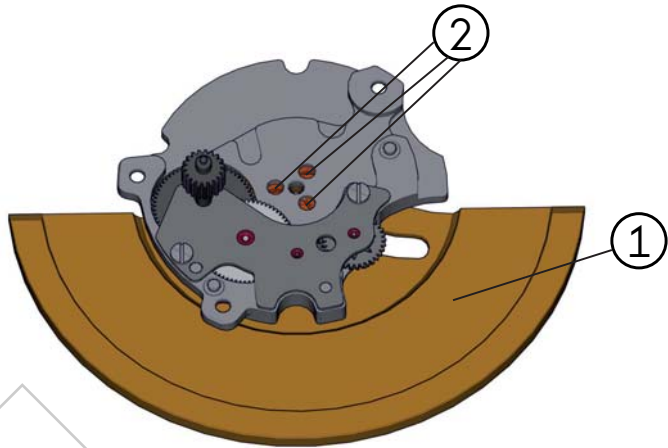
2.0 Pre-lubrication

 Moebius SYNT HP-1300 Sans Colorant

 Ball bearing not lubricated

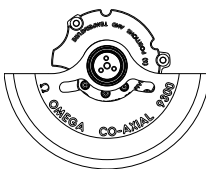


3.0 Order of assembly

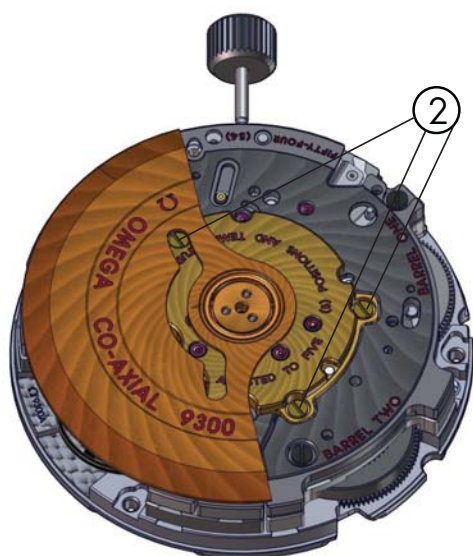


Fitting stages for calibre 9300 - Assembly of automatic module on the movement

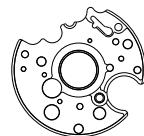
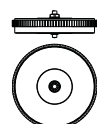
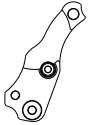
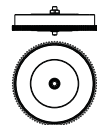
1.0 Parts for Assembly

Movement holder	Automatic module	Screw for upper automatic bridge
Ref. 506 0153	①	②
		Ref. 3586 (3x)
		

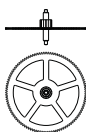
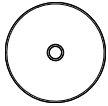
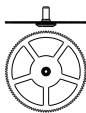
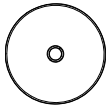
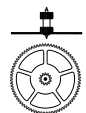
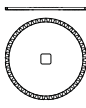
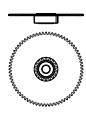
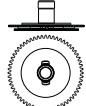
2.0 Order of assembly



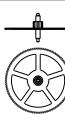
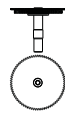
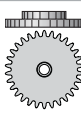
Spare parts list for Calibre 9300-9900

Main plate, pre-assembled	Version	Reference	Lower automatic bridge	Version	Reference
	9300A	7229300A1002007		9300A	7229300A1205018
	9900A	7229900A1002007		9900A	
Barrel bridge	Version	Reference	Date mechanism maintaining plate	Version	Reference
	9300A	7229300A1004118		9300A	7229300A1310118
	9900A			9900A	
Wheel train bridge	Version	Reference	Chronograph mechanism platform	Version	Reference
	9300A	7229300A1004818		9300A	7229300A1502018
	9900A			9900A	
Pallet fork bridge	Version	Reference	Small second bridge, pre-assembled	Version	Reference
	9300A	7229300A1005718		9300A	7229300A1503018
	9900A			9900A	7229900A1503018
Balance bridge, pre-assembled	Version	Reference	Chronograph bridge	Version	Reference
	9300A	7229300A1005818		9300A	7229300A1504018
	9900A	7229900A1005818		9900A	
Limitation bridge	Version	Reference	Barrel one, complete	Version	Reference
	9300A	7229300A10066		9300A	7229300A20010
	9900A			9900A	
First wheel bridge	Version	Reference	Barrel, complete	Version	Reference
	9300A	7229300A1006718		9300A	7229300A20012
	9900A	7229605A1006718		9900A	
Upper automatic bridge, pre-assembled	Version	Reference	Barrel drum, one	Version	Reference
	9300A	7229300A1203018		9300A	7229300A20040
	9900A	7229900A1203018		9900A	

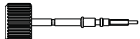
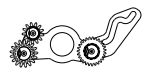
Spare parts list for Calibre 9300-9900

Barrel drum two	Version	Reference	Intermediate train wheel	Version	Reference
	9300A	7229300A20041		9300A	7229300A30025
	9900A			9900A	
Barrel cover one	Version	Reference	Third wheel 2	Version	Reference
	9300A	7229300A20050		9300A	7229300A30026
	9900A			9900A	
Barrel cover two	Version	Reference	Intermediate escape wheel	Version	Reference
	9300A	7229300A20051		9300A	7229300A30039
	9900A			9900A	7229900A30039
Barrel arbor one	Version	Reference	Co-Axial wheel	Version	Reference
	9300A	7229300A20060		9300A	7229300A3004019
	9900A			9900A	7229900A3004019
Barrel arbor two	Version	Reference	Small second pinion	Version	Reference
	9300A	7229300A20061		9300A	7229300A30083**
	9900A			9900A	7229900A30083**
Mainspring with bridle	Version	Reference	Sperrad	Version	Reference
	9300A	7229300A20100		9300A	7229300A31020
	9900A			9900A	
Slipping mainspring	Version	Reference	Crown wheel	Version	Reference
	9300A	7229300A20101		9300A	7229300A31023
	9900A			9900A	
Oscillating weight, pre-assembled	Version	Reference	Minute wheel	Version	Reference
	9300A	7229300A2201018		9300A	7229300A31041
	9900A	7229900A2201018		9900A	
First wheel	Version	Reference	Hour wheel	Version	Reference
	9300A	7229300A30014		9300A	7229300A31046**
	9900A	7229605A30014		9900A	

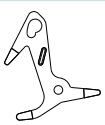
Spare parts list for Calibre 9300-9900

Driving wheel for barrel one	Version	Reference	Date indicator driving wheel	Version	Reference
	9300A	7229300A31066		9300A	7228500A33020
	9900A			9900A	
Cannon pinion with driving wheel	Version	Reference	Minute-counting wheel	Version	Reference
	9300A	7229300A31083**		9300A	7229300A35012**
	9900A			9900A	7229900A35012**
Transmission wheel for ratchet wheels	Version	Reference	Minute counting intermediate wheel	Version	Reference
	9300A	7229300A31101		9300A	7229300A35014
	9900A			9900A	
Winding pinion	Version	Reference	Hour counting wheel	Version	Reference
	9300A	7229300A31120		9300A	7229300A35030**
	9900A			9900A	7229900A35030**
Sliding pinion	Version	Reference	Hour counting intermediate wheel	Version	Reference
	9300A	7229300A31121		9300A	7229300A35033
	9900A			9900A	
Winding reduction wheel	Version	Reference	Second clutch wheel	Version	Reference
	9300A	7229300A32029		9300A	7229300A35062**
	9900A			9900A	7229900A35062**
Reversing wheel	Version	Reference	Sliding gear wheel	Version	Reference
	9300A	7229300A32037		9300A	7229300A35064
	9900A			9900A	
Auxiliary reversing wheel	Version	Reference	Fly-back driving wheel	Version	Reference
	9300A	7229300A32038		9300A	7229300A35086
	9900A			9900A	7229900A35086
Intermediate driving wheel	Version	Reference	Transmission wheel	Version	Reference
	9300A	7229300A32083		9300A	7229300A36033
	9900A			9900A	
Intermediate date wheel	Version	Reference	Intermediate wheel for corrector	Version	Reference
	9300A	7229300A33011		9300A	7229300A36051
	9900A			9900A	

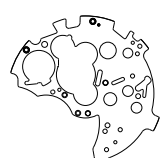
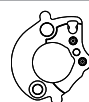
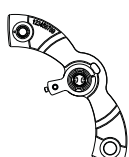
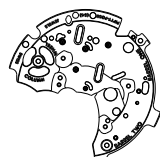
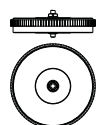
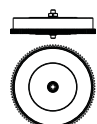
Spare parts list for Calibre 9300-9900

Stud support	Version	Reference	Operating lever direct	Version	Reference
	9300A	7229300A40200		9300A	7229300A55060
	9900A			9900A	7229900A55060
Winding stem S0.9 for cutting	Version	Reference	Operating lever hook	Version	Reference
	9300A	102ST9000		9300A	7229300A55071
	9900A			9900A	7229900A55071
Yoke	Version	Reference	Hammer yoke	Version	Reference
	9300A	7229300A51050		9300A	7229300A55090
	9900A			9900A	
Sliding gear yoke	Version	Reference	Fly-back yoke declutchable	Version	Reference
	9300A	7229300A51051		9300A	7229300A55091
	9900A			9900A	7229900A55091
Setting lever jumper	Version	Reference	Fly-back yoke direct	Version	Reference
	9300A	7229300A51090		9300A	7229300A55092
	9900A			9900A	7229605A55092
Setting lever, pre-assembled	Version	Reference	Intermediate yoke	Version	Reference
	9300A	7229300A5108018		9300A	7229300A55093
	9900A			9900A	
Click	Version	Reference	Column wheel jumper, 2 functions	Version	Reference
	9300A	7229300A51120		9300A	7229300A55130
	9900A			9900A	
Date jumper	Version	Reference	Hammer yoke jumper	Version	Reference
	9300A	7228500A53080		9300A	7229300A55151
	9900A			9900A	
Operating lever for date corrector	Version	Reference	Operating lever jumper	Version	Reference
	9300A	7229300A55040		9300A	7229300A55152
	9900A			9900A	
Operating lever declutchable	Version	Reference	Column wheel, 2 functions	Version	Reference
	9300A	7229300A55059		9300A	7229300A55180
	9900A	7229900A55059		9900A	
Balance with timing screws SI 14	Version	Reference	Hammer, 3 functions	Version	Reference
	9300A	7229300A40050		9300A	7229300A55242
	9900A	7229900A40050		9900A	

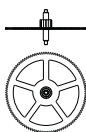
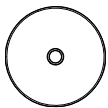
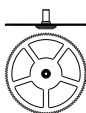
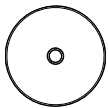
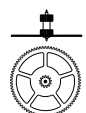
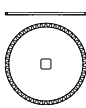
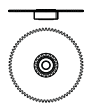
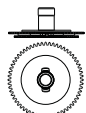
Spare parts list for Calibre 9300-9900

Clutch rocker	Version	Reference	In-settings, balance bridge side	Version	Reference
	9300A	7229300A55365		9300A	7228500A70640
	9900A			9900A	
Clutch lever	Version	Reference	In-settings, main plate side	Version	Reference
	9300A	7229300A55366		9300A	7228500A70641
	9900A			9900A	
Stop operating lever	Version	Reference	Cap jewel, balance bridge side	Version	Reference
	9300A	7229300A56030		9300A	7228500A70900
	9900A			9900A	
Stop lever	Version	Reference	Cap jewel, main plate side	Version	Reference
	9300A	7229300A56070		9300A	7228500A70901
	9900A			9900A	
Click spring	Version	Reference	Shock-absorber spring, balance bridge side	Version	Reference
	9300A	7229300A61080		9300A	7228500A78004
	9900A			9900A	7228508G78004
Friction spring	Version	Reference	Shock-absorber spring, main plate side	Version	Reference
	9300A	7229300A61241		9300A	7228500A78005
	9900A			9900A	7228508G78005
Date jumper spring	Version	Reference	Centre tube	Version	Reference
	9300A	7228500A6303019		9300A	7229300A80400
	9900A			9900A	
Clutch return spring	Version	Reference	Adjustment nut for balance bridge	Version	Reference
	9300A	7229300A65271		9300A	7228500A8070318
	9900A			9900A	
Vertical clutch spring	Version	Reference	Crown wheel core	Version	Reference
	9300A	7229300A65272		9300A	7229300A81136
	9900A			9900A	
Shock-absorber, balance bridge side	Version	Reference	Date indicator	Version	Reference
	9300A	7228500A70530		9300A	7229300A9144***
	9900A	7228508G70530		9900A	7229900A9144***
Shock-absorber, main plate side	Version	Reference			
	9300A	7228500A70531			
	9900A	7228508G70531			

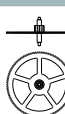
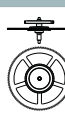
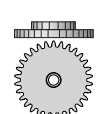
Spare parts list for Calibre 9301-9901

Main plate, pre-assembled	Version	Reference	Lower automatic bridge	Version	Reference
	9301A	7229300A1002007		9301A	7229300A1205018
	9901A	7229900A1002007		9901A	
Barrel bridge	Version	Reference	Date mechanism maintaining plate	Version	Reference
	9301A	7229300A1004118		9301A	7229300A1310118
	9901A			9901A	
Wheel train bridge	Version	Reference	Chronograph mechanism platform	Version	Reference
	9301A	7229300A1004818		9301A	7229300A1502018
	9901A			9901A	
Pallet fork bridge	Version	Reference	Small second bridge, pre-assembled	Version	Reference
	9301A	7229300A1005718		9301A	7229300A1503018
	9901A			9901A	7229900A1503018
Balance bridge with number assembled	Version	Reference	Chronograph bridge	Version	Reference
	9301A	7229301A1005818		9301A	7229300A1504018
	9901A	7229901A1005818		9901A	
Limitation bridge	Version	Reference	Barrel one, complete	Version	Reference
	9301A	7229300A10066		9301A	7229300A20010
	9901A			9901A	
First wheel bridge	Version	Reference	Barrel, complete	Version	Reference
	9301A	7229300A1006718		9301A	7229300A20012
	9901A	7229605A1006718		9901A	
Upper automatic bridge, pre-assembled	Version	Reference	Barrel drum one	Version	Reference
	9301A	7229300A1203018		9301A	7229300A20040
	9901A	7229900A1203018		9901A	

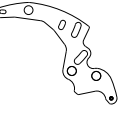
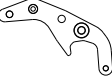
Spare parts list for Calibre 9301-9901

Barrel drum two	Version	Reference	Intermediate train wheel	Version	Reference
	9301A	7229300A20041		9301A	7229300A30025
	9901A			9901A	
Barrel cover one	Version	Reference	Third wheel 2	Version	Reference
	9301A	7229300A20050		9301A	7229300A30026
	9901A			9901A	
Barrel cover two	Version	Reference	Intermediate escape wheel	Version	Reference
	9301A	7229300A20051		9301A	7229300A30039
	9901A			9901A	7229900A30039
Barrel arbor one	Version	Reference	Co-Axial wheel	Version	Reference
	9301A	7229300A20060		9301A	7229300A3004019
	9901A			9901A	7229900A3004019
Barrel arbor two	Version	Reference	Small second pinion	Version	Reference
	9301A	7229300A20061		9301A	7229300A30083**
	9901A			9901A	7229900A30083**
Mainspring with bridle	Version	Reference	Ratchet wheel	Version	Reference
	9301A	7229300A20100		9301A	7229300A31020
	9901A			9901A	
Slipping mainspring	Version	Reference	Crown wheel	Version	Reference
	9301A	7229300A20101		9301A	7229300A31023
	9901A			9901A	
Oscillating weight, pre-assembled	Version	Reference	Minute wheel	Version	Reference
	9301A	7229301A2201018		9301A	7229300A31041
	9901A	7229901A2201018		9901A	
First wheel	Version	Reference	Hour wheel	Version	Reference
	9301A	7229300A30014		9301A	7229300A31046**
	9901A	7229605A30014		9901A	

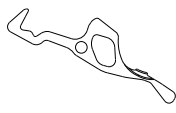
Spare parts list for Calibre 9301-9901

Driving wheel for barrel one	Version	Reference	Date indicator driving wheel	Version	Reference
	9301A	7229300A31066		9301A	7228500A33020
	9901A			9901A	
Cannon pinion with driving wheel	Version	Reference	Minute-counting wheel	Version	Reference
	9301A	7229300A31083**		9301A	7229300A35012**
	9901A			9901A	7229900A35012**
Transmission wheel for ratchet wheels	Version	Reference	Minute counting intermediate wheel	Version	Reference
	9301A	7229300A31101		9301A	7229300A35014
	9901A			9901A	
Winding pinion	Version	Reference	Hour counting wheel	Version	Reference
	9301A	7229300A31120		9301A	7229300A35030**
	9901A			9901A	7229900A35030**
Sliding pinion	Version	Reference	Hour counting intermediate wheel	Version	Reference
	9301A	7229300A31121		9301A	7229300A35033
	9901A			9901A	
Winding reduction wheel	Version	Reference	Second clutch wheel	Version	Reference
	9301A	7229300A32029		9301A	7229300A35062**
	9901A			9901A	7229900A35062**
Reversing wheel	Version	Reference	Sliding gear wheel	Version	Reference
	9301A	7229300A32037		9301A	7229300A35064
	9901A			9901A	
Auxiliary reversing wheel	Version	Reference	Fly-back driving wheel	Version	Reference
	9301A	7229300A32038		9301A	7229300A35086
	9901A			9901A	7229900A35086
Intermediate driving wheel	Version	Reference	Transmission wheel	Version	Reference
	9301A	7229300A32083		9301A	7229300A36033
	9901A			9901A	
Intermediate date wheel	Version	Reference	Intermediate wheel for corrector	Version	Reference
	9301A	7229300A33011		9301A	7229300A36051
	9901A			9901A	

Spare parts list for Calibre 9301-9901

Pallet fork	Version	Reference	Operating lever declutchable	Version	Reference
	9301A	7228520A40010		9301A	7229300A55059
	9901A	7229900A40010		9901A	7229900A55059
Balance with timing screws SI 14	Version	Reference	Operating lever direct	Version	Reference
	9301A	7229300A40050		9301A	7229300A55060
	9901A	7229900A40050		9901A	7229900A55060
Stud support	Version	Reference	Operating lever hook	Version	Reference
	9301A	7229300A40200		9301A	7229300A55071
	9901A			9901A	7229900A55071
Winding stem S0.9 for cutting	Version	Reference	Hammer yoke	Version	Reference
	9301A	102ST9000		9301A	7229300A55090
	9901A			9901A	
Yoke	Version	Reference	Fly-back yoke declutchable	Version	Reference
	9301A	7229300A51050		9301A	7229300A55091
	9901A			9901A	7229900A55091
Sliding gear yoke	Version	Reference	Fly-back yoke direct	Version	Reference
	9301A	7229300A51051		9301A	7229300A55092
	9901A			9901A	7229605A55092
Setting lever, pre-assembled	Version	Reference	Intermediate yoke	Version	Reference
	9301A	7229300A5108018		9301A	7229300A55093
	9901A			9901A	
Setting lever jumper	Version	Reference	Column wheel jumper, 2 functions	Version	Reference
	9301A	7229300A51090		9301A	7229300A55130
	9901A			9901A	
Click	Version	Reference	Hammer yoke jumper	Version	Reference
	9301A	7229300A51120		9301A	7229300A55151
	9901A			9901A	
Date jumper	Version	Reference	Operating lever jumper	Version	Reference
	9301A	7228500A53080		9301A	7229300A55152
	9901A			9901A	
Operating lever for date corrector	Version	Reference	Column wheel, 2 functions	Version	Reference
	9301A	7229300A55040		9301A	7229300A55180
	9901A			9901A	

Spare parts list for Calibre 9301-9901

Hammer, 3 functions	Version	Reference	In-setting, balance bridge side	Version	Reference
	9301A	7229300A55242		9301A	7228500A70640
	9901A			9901A	
Clutch rocker	Version	Reference	In-setting, main plate side	Version	Reference
	9301A	7229300A55365		9301A	7228500A70641
	9901A			9901A	
Clutch lever	Version	Reference	Cap jewel, balance bridge side	Version	Reference
	9301A	7229300A55366		9301A	7228500A70900
	9901A			9901A	
Stop operating lever	Version	Reference	Cap jewel, main plate side	Version	Reference
	9301A	7229300A56030		9301A	7228500A70901
	9901A			9901A	
Stop lever	Version	Reference	Shock-absorber spring, balance bridge side	Version	Reference
	9301A	7229300A56070		9301A	7228500A78004
	9901A			9901A	7228508G78004
Click spring	Version	Reference	Shock-absorber spring, main plate side	Version	Reference
	9301A	7229300A61080		9301A	7228500A78005
	9901A			9901A	7228508G78005
Friction spring	Version	Reference	Centre tube	Version	Reference
	9301A	7229300A61241		9301A	7229300A80400
	9901A			9901A	
Date jumper spring	Version	Reference	Adjustment nut for balance bridge	Version	Reference
	9301A	7228500A6303019		9301A	7228500A8070318
	9901A			9901A	
Clutch return spring	Version	Reference	Crown wheel core	Version	Reference
	9301A	7229300A65271		9301A	7229300A81136
	9901A			9901A	
Vertical clutch spring	Version	Reference	Date indicator	Version	Reference
	9301A	7229300A65272		9301A	7229300A9144***
	9901A			9901A	7229900A9144***
Shock-absorber, balance bridge side	Version	Reference			
	9301A	7228500A70530			
	9901A	7228508G70530			
Shock-absorber, main plate side	Version	Reference			
	9301A	7228500A70531			
	9901A	7228508G70531			

Information for differentiating the screws for Calibre 9300-9301 and 9900-9901

Description	References	Images	Total length in mm	Threads	Diameter of the heads in mm	Tightening torque target cNm	Loosening torque mini cNm
Screw for barrel bridge (1x)	7229300A3651		2.55	S0.90	1.55	2.40	1.40
Screw for barrel bridge (2x)	7229300A3652		2.90	S0.80	1.55	2.00	1.20
Screw for wheel train bridge (2x)			2.90	S0.80	1.55	2.00	1.20
Screw for chronograph bridge (3x)	7229300A3582 (black screws)		2.90	S0.80	1.55	2.00	1.20
Screw for limitation bridge (1x)							
Screw for wheel train bridge (1x)	7229300A3583		1.35	S0.80	1.55	2.00	1.20
Screw for first wheel bridge (2x)							
Screw for stop lever (1x)							
Screw for balance bridge (2x)	7229300A3584 (black screws)		3.80	S0.80	1.80	2.00	1.20
Screw for setting lever jumper (1x)	7229300A3585		1.50	S0.80	2.00	2.00	1.20
Screw for upper automatic bridge (3x)	7229300A3586 (black screws)		1.50	S0.80	1.40	2.00	1.20
Screw for date corrector maintaining plate (3x)	7228500G3549		1.02	S0.60	1.20	1.20	0.60
Screw for chronograph mechanism platform (3x)							
Screw for small second bridge (1x)							
Screw for click (1x)	7228500A3544		1.15	S0.70	1.60	1.60	0.70
Screw for pallet fork bridge (2x)	7228520A3562 (black screws)		1.18	S0.70	1.40	1.60	0.70
Screw for oscillating weight (3x)	7228520A5445		1.04	S0.60	0.90	1.20	0.60
Screw for stud support (1x)	7228500A3547		1.00	S0.40	0.55	0.80	0.40
Screw for vertical clutch spring (1x)	72200003986		1.62	S0.70	1.40	1.60	0.70
Screw for crown wheel core (1x)							
Screw for lower automatic bridge (2x)	72200003987		1.32	S0.70	1.20	1.60	0.70

* See document «General information for Calibres 9300-9301», on page 6.

1.0 Hand fitting height

	Cannon pinion	Hour wheel	Chronograph wheel	Centre tube	Second wheel	Minute-counting wheel	Hour counting wheel
Height 1	3,79	2,73	8,85	3,71	5,34	7,60	4,64

* Total length of the wheel (in millimeters).

2.0 Alignment of hearts

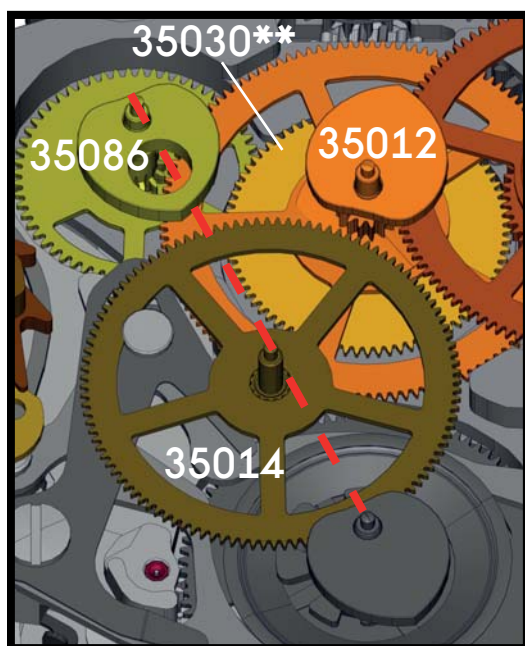
2.1 Assembly of the chronograph module

Position the point of the heart of the fly-back driving wheel in alignment with the pivot of the fly-back driving wheel and the pivot of the second clutch wheel.

This position is essential before fitting chronograph module.

2.2 Assembly of the minute-counting intermediate wheel

Before fitting the minute counter intermediate wheel (Ref. 35014), position the heart of the minute counting wheel (Ref. 35012) and the heart of the fly-back driving wheel (Ref. 35086) as shown in the illustration.



Modifications of Technical Guide versions for Calibre 9300-9301 and 9900-9901

Technical Guide versions			
First version:	21.06.2011	Version A	Made by: Selrom
Second version:	22.08.2011	Version B	
Third version:	13.09.2011	Version C	
Fourth version:	27.10.2011	Version D	
Fifth version:	11.01.2012	Version E	
Sexth version:	28.08.2012	Version F	
Seventh version:	01.11.2012	Version G	
Height version:	01.07.2013	Version H	
Ninth version:	10.12.2013	Version I	
Tenth version:	07.07.2015	Version J	
Eleventh version:	03.12.2015	Version K	
Twelfth version:	23.05.2016	Version L	
Last version:	18.10.2016	Version M	

Modifications of Technical Guide version K

New Version (K)

Added information concerning the ball bearing (page 28)
 Changed reference numbers of certain screws (page 35)

Modifications of Technical Guide version L

New version (L)

Addition of calibres 9900-9901

Modifications of Technical Guide version M

New version (M)

Page 15: Color change for part no. 4 + add some text
 Page 17: Change of lubrication indication
 Page 25: New photos for the hour wheel