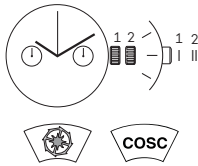
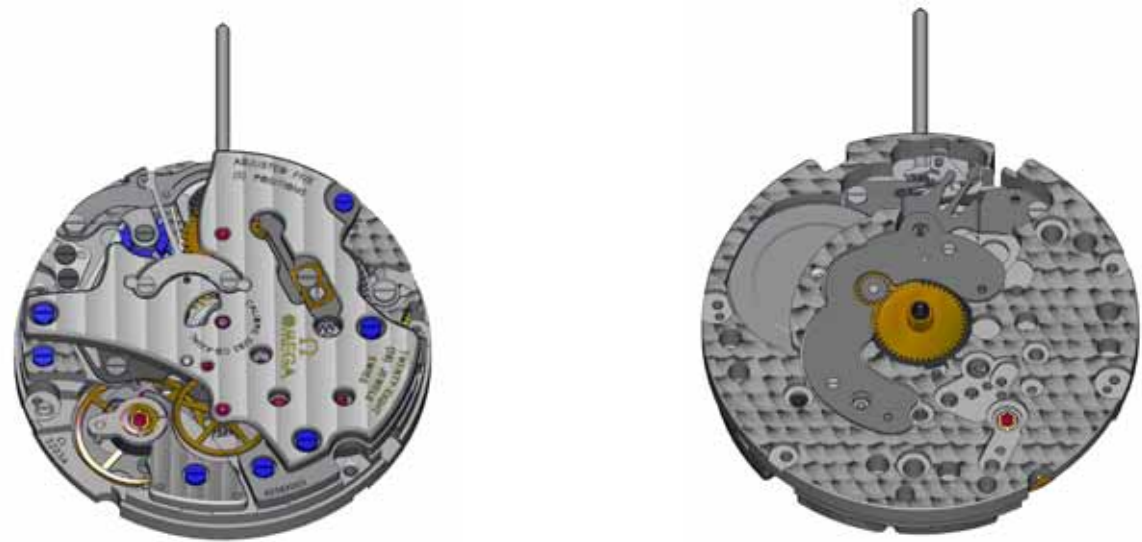


	Technical Guide			TG-19-C-066-E	C
	Made by: pelrom	Date: 22.06.2010	3	Modifications: see last page	

CALIBRE 3203

	Version A	Version C
12''' Ø 27 mm		
Height on movement	5.40 mm	
Power reserve	55 h	
Number of jewels	28	
Frequency	4 Hz (28'800 A/h)	



Chronograph movement, exclusive Omega chronograph, COCS certifi ed. Co-Axial escapement. Chronograph system with column-wheel. Minute counter 30 min. at 3 o'clock + small second hand at 9 o'clock. Omega balance system without index.



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For the following informations, see document «General information for Calibres 3200, 3201, 3202, 3203, 3205, 3301, 3303, 3313 and 3603»	3
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For the following informations, see basic [Technical Guide 3303](#):

- Exploded view (except dial side)
- Hand fitting heights

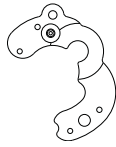
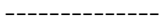
For the following informations, see document [«General information for Calibres 3200, 3201, 3202, 3203, 3205, 3301, 3303, 3313 and 3603»](#):

- Complete balance bridge and chronograph bridge
- Major points
- Instantaneous rate
- Special lubrication
- Lubricants
- Cleaning and epilame-coated procedure
- Components that should not be epilam-treated
- Tightening and untightening torques according to screw thread size
- For additional informations, please consult respective Technical Guides
- Technical modifications on version «B»
- Technical modifications on version «C»
- Customer Service lubrication of stud for crown wheel (31.023) and the 3 intermediate driving wheels for ratchet wheel (32.083)
- Runners for hand setting and hand setting force
- Mandatory tools
- List of programs of apparatus
- Checks of endshake
- Description of chronograph system Co-Axial
- Functioning system of movement
- Chronograph setting
- Co-Axial escapement and balance bridge installation
- Instantaneous rate

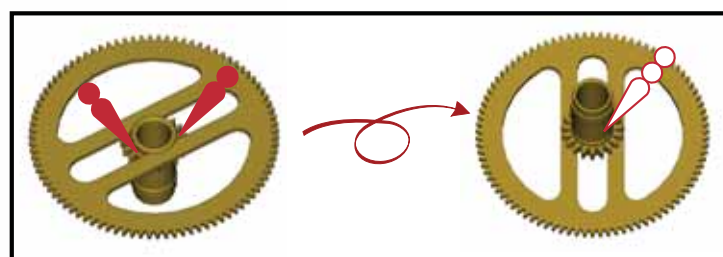


Exploded views for calibre 3203 - Assembling of the train wheel

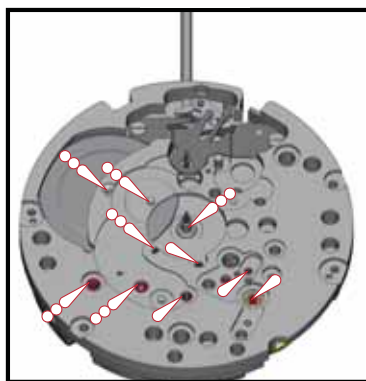
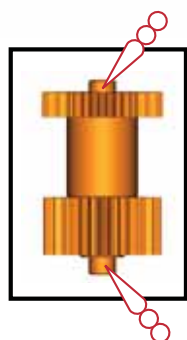
1.0 Parts for assembling

Movement holder	Cannon pinion with driving wheel	Minute wheel	Motion work setting lever	Train bridge	Screw for train bridge	Hour wheel
Ref. 506 0117	①	②	③	④	⑤	⑥
	Ref. 3108004	Ref. 31041S2	Ref. 31102	Ref. 10062	Ref. 6210	Ref. 3104604
						
						

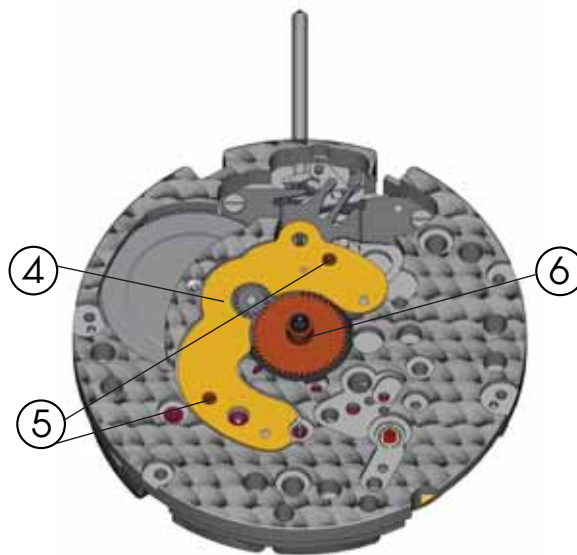
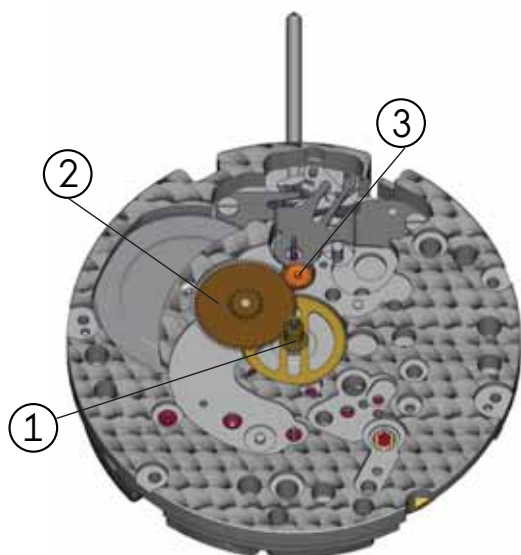
2.0 Pre-lubrication



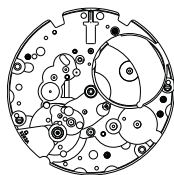
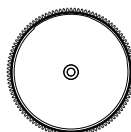
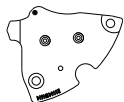
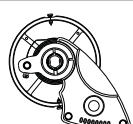
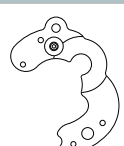
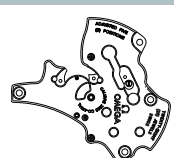
-  Moebius SYNT HP-1300 Sans Colorant
-  Moebius 9504
-  Moebius SYNT-A-LUBE 9010



3.0 Order to assembly

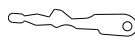


Spare parts list & illustrations for Calibre 3203

Main plate, pre-assembled	Version	Reference	Barrel drum + cover	Version	Reference
	3203A	7223203A10020		3203A	722320020040
	3203C	7223203C10020		3203C	
		7223203C1002007			
Barrel bridge, pre-assembled	Version	Reference	Barrel arbor	Version	Reference
	3203A	7223201A10041		3203A	722330320060
	3203C			3203C	
Train wheel bridge, jewelled	Version	Reference	Mainspring with bridle	Version	Reference
	3203A	722330310048		3203A	722320020100
	3203C			3203C	
Pallet bridge Co-Axial	Version	Reference	Intermediate wheel	Version	Reference
	3203A	7223313A10056		3203A	722330330012
	3203C			3203C	
Balance bridge assembled	Version	Reference	Great wheel	Version	Reference
	3203A	7223203A1005818		3203A	722330330014
	3203C			3203C	
Train bridge	Version	Reference	Third wheel	Version	Reference
	3203A	722320010062		3203A	722330330025
	3203C			3203C	
Hammer operating lever limitation bridge	Version	Reference	Second wheel	Version	Reference
	3203A	722330310615		3203A	72233033002704
	3203C			3203C	
Chronograph bridge pre-assembled	Version	Reference	Intermediate escape wheel	Version	Reference
	3203A	7223203A15040		3203A	7223313B30039
	3203C	7223203A15040		3203C	7223313C30039
		7223203C15040			
Barrel	Version	Reference	Co-Axial wheel	Version	Reference
	3203A	722320020010		3203A	7222500C30040
	3203C			3203C	7223313C3004019



Spare parts list & illustrations for Calibre 3203

Ratchet wheel	Version	Reference	Chronograph wheel	Version	Reference
	3203A 3203C	722330331022		3203A 3203C	72233033501004
Minute wheel	Version	Reference	Minute-counting wheel	Version	Reference
	3203A 3203C	722330331041S2		3203A 3203C	72233033501204
Hour wheel	Version	Reference	Driving wheel for counters	Version	Reference
	3203A 3203C	72233033104604		3203A 3203C	722330335031
Cannon pinion with driving wheel	Version	Reference	Pallet fork	Version	Reference
	3203A 3203C	72233033108004		3203A 3203C	722500C40010
Motion work setting wheel	Version	Reference	Balance complete with stud	Version	Reference
	3203A 3203C	722330331102		3203A 3203C	7223313B40055
Sliding pinion	Version	Reference	Stud support	Version	Reference
	3203A 3203C	722330331121		3203A 3203C	722330340210
Shock-absorber upper	Version	Reference	Winding stem	Version	Reference
	3203A 3203C	7223313B32027		3203A 3203C	722330351010
Shock-absorber lower	Version	Reference	Yoke, 2 positions	Version	Reference
	3203A 3203C	7223313B32068		3203A 3203C	722320051050
In settings upper	Version	Reference	Rocking bar, 2 positions	Version	Reference
	3203A 3203C	7223313B32127		3203A 3203C	722320051052
In settings lower	Version	Reference	Setting lever	Version	Reference
	3203A 3203C	7223313B32167		3203A 3203C	722330351083
Cap jewel for balance lower	Version	Reference	Setting lever jumper	Version	Reference
	3203A 3203C	7223303A32262		3203A 3203C	722320051090
Cap jewel for balance upper	Version	Reference	Click	Version	Reference
	3203A 3203C	7223303A32325		3203A 3203C	722330351120
Shock-absorber spring top	Version	Reference	Column wheel operating lever	Version	Reference
	3203A 3203C	7223303A32425		3203A 3203C	722330355040
Shock-absorber spring bottom	Version	Reference	Hammer operating lever	Version	Reference
	3203A 3203C	7223303A32462		3203A 3203C	7223203A55048



Spare parts list & illustrations for Calibre 3203

Clutch rocker	Version	Reference	Kit crown wheel + winding pinion	Version	Reference
	3203A 3203C	722330355090		3203A 3203C	7223201A9999
Clutch lever	Version	Reference	Screw for stud	Version	Reference
	3203A 3203C	722330355100		3203A 3203C	72233034002
Column wheel jumper	Version	Reference	Screw for minute counter jumper	Version	Reference
	3203A 3203C	722330355130		3203A 3203C	72226016004
Minute counter jumper	Version	Reference	Screw for hammer operating lever	Version	Reference
	3203A 3203C	722330355143		3203A 3203C	72226016004
Chronograph column wheel	Version	Reference	Screw for clutch rocker	Version	Reference
	3203A 3203C	7223612A55180		3203A 3203C	72226016004
Chronograph and minute hammer	Version	Reference	Screw for clutch lever	Version	Reference
	3203A 3203C	722330355240		3203A 3203C	72226016004
Excentric screw	Version	Reference	Screw for column wheel jumper	Version	Reference
	3203A 3203C	722330355445		3203A 3203C	72226016004
Balance stop lever	Version	Reference	Screw for barrel bridge	Version	Reference
	3203A 3203C	722330356070		3203A 3203C	72233036011
Click spring	Version	Reference	Screw for hammer operating lever spring	Version	Reference
	3203A 3203C	722330361080		3203A 3203C	7223612A6012
Yoke spring	Version	Reference	Screw for ratchet wheel	Version	Reference
	3203A 3203C	722330361100		3203A 3203C	72233036019
Column wheel operating lever spring	Version	Reference	Screw for column wheel operating lever	Version	Reference
	3203A 3203C	722330365040		3203A 3203C	72233036022
Hammer operating lever spring	Version	Reference	Screw for hammer operating lever limitation bridge	Version	Reference
	3203A 3203C	722330365047		3203A 3203C	72233036034
Hour wheel friction spring	Version	Reference	Screw for column wheel operating lever spring	Version	Reference
	3203A 3203C	722330366220		3203A 3203C	72233036204
Crown wheel core	Version	Reference	Screw for crown wheel core	Version	Reference
	3203A 3203C	722330381136		3203A 3203C	72233036204
Dial fastener	Version	Reference	Screw for minute train bridge	Version	Reference
	3203A 3203C	722330370200		3203A 3203C	72233036210



Spare parts list & illustrations for Calibre 3203

Screw for setting lever	Version	Reference
	3203A	72233036407
	3203C	
Screw for click	Version	Reference
	3203A	72233037008
	3203C	
Screw for chronograph bridge blue	Version	Reference
	3203A	7223612A7031B
	3203C	
Screw for balance bridge blue	Version	Reference
	3203A	7223612A7031B
	3203C	
Screw for train wheel bridge blue	Version	Reference
	3203A	7223612A7031B
	3203C	
Screw for barrel bridge blue	Version	Reference
	3203A	7223612A7031B
	3203C	
Screw for barrel bridge	Version	Reference
	3203A	72233037031
	3203C	
Screw for train wheel bridge	Version	Reference
	3203A	72233037031
	3203C	
Screw for chronograph bridge blue	Version	Reference
	3203A	7223201A7033B
	3203C	
Screw for setting lever jumper	Version	Reference
	3203A	72233037035
	3203C	
Screw for pallet bridge blue	Version	Reference
	3203A	7223612A8204B
	3203C	
Kit base 3203C	Version	Reference
	3203A	-----
	3203C	7223203C9999



Modifications of Technical Guide versions for Calibre 3203

Technical Guide versions				
First version:	24.08.2009	Version A	Made by:	Pelrom
Second version:	19.04.2010	Version B		
Last version:	22.06.2010	Version C		

Modifications of Technical Guide version B	
Old version (A)	New Version (B)
-----	For the following informations, see basic Technical Guide 3303 For the following informations, see document «General information for Calibres 3200, 3201, 3202, 3203, 3205, 3301, 3303, 3313 and 3603» Complete revision of the document

Modifications du Guide Technique version C	
Old (version B)	New (version C)
-----	Add of version C on page 1. Add into spare parts lists version C of components Suppression of page 4.

