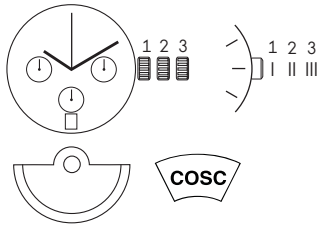
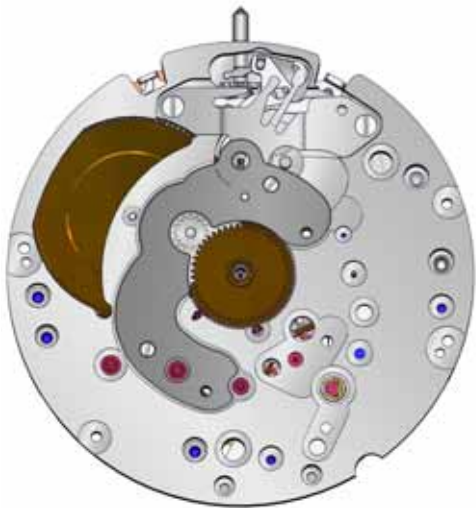
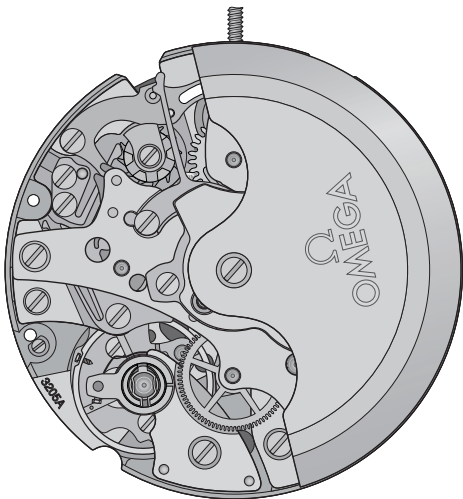


	Technical Guide			TG-19-C-062-E	B
	Made by: pelrom	Date: 19.04.2010	3	Modifications: see last page	

CALIBRE 3205

	Version A	Version B
12''' Ø 27 mm		
Height on movement	6.85 mm	
Power reserve	52 h	
Number of jewels	33	
Frequency	4 Hz (28'800 A/h)	



Automatic movement, exclusive Omega chronograph, COSC certified, Swiss Pallet fork escapement. Chronograph system with column-wheel. 30-min. minute counter and 12-h hour counter + small second hand at 9 o'clock. Omega balance system without index.



	Page
Calibre 3205	1-10
General information for Calibre 3205	3
For the following informations, see basic Technical Guide 3303	3
For the following informations, see document «General information for Calibres 3200, 3201, 3202, 3203, 3205, 3301, 3303, 3313 and 3603»	3
Differences between the versions for Calibre 3205	4
Differences between the versions	4
Exploded views for Calibre 3205	5
Dial side	5
Spare parts list & illustrations for Calibre 3205	6-9
Spare parts & illustrations	6
Spare parts & illustrations	7
Spare parts & illustrations	8
Spare parts & illustrations	9
Modifications of Technical Guide versions for Calibre 3205	10



For the following informations, see basic [Technical Guide 3303](#):

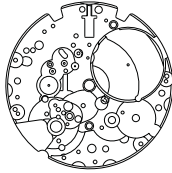
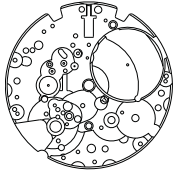
- Order to assembly (except dial side)
- Hand heights

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 torque according to screwthread size
- For additional informations, please consult respective Technical Guides
- Technical modifications on version «A»
- 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 for swiss lever escapement
- Functioning system of movement
- Chronograph setting
- Instantaneous rate



Differences between Calibre 3205A and 3205B

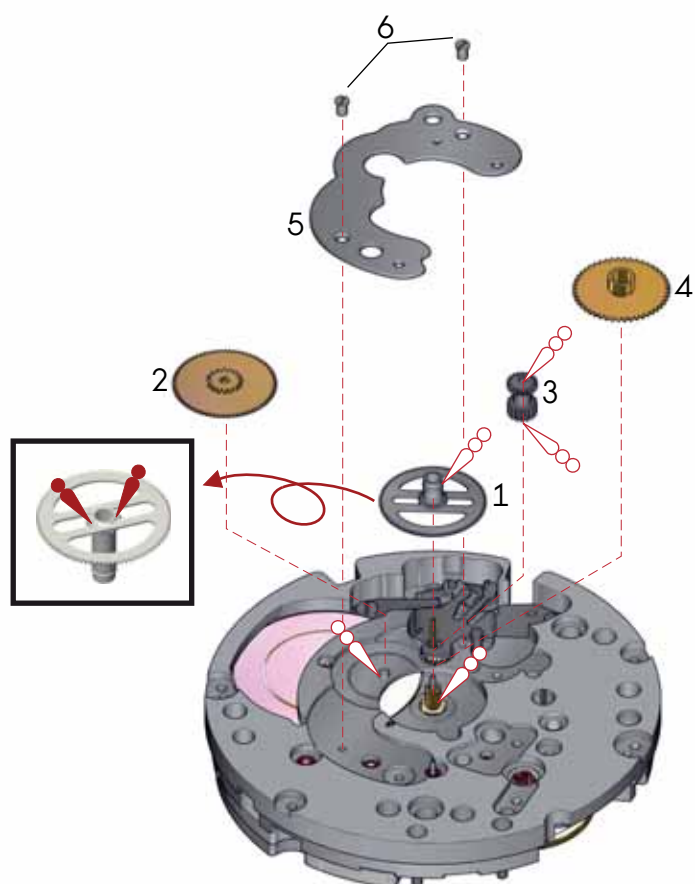
	3205A (4 Hz)	3205B (4 Hz)
Main plate	 ref. 7223205A10020 Ø Hole for dial fastener: 0.80 mm	 ref. 7223205B10020 Ø Hole for dial fastener: 1.00 mm
Balance bridge	 ref. 722330110058	 ref. 7223301B10058
Balance	 ref. 722330340055 Cylindrical pivots Ø 0.08 mm	 ref. 7223303B40055 Conical pivots Ø 0.07 mm
Shock-absorber, upper	 Jewel hole Ø 0.09 mm ref. 722330332025 Nickel-plated	 Jewel hole Ø 0.08 mm ref. 7223313B32027 Gold-plated
Shock-absorber, lower	 ref. 722330332062 Jewel hole Ø 0.09 mm Nickel-plated	 ref. 7223303B70531 Jewel hole Ø 0.08 mm Gold-plated
In setting, upper	 ref. 7223303A32127 Jewel hole Ø 0.09 mm	 ref. 7223313B32127 Jewel hole Ø 0.08 mm
In setting, lower	 ref. 7223303A32167 Jewel hole Ø 0.09 mm	 ref. 7223313B32167 Jewel hole Ø 0.08 mm



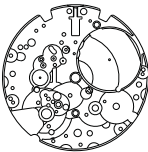
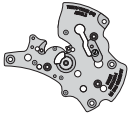
Parts listed in order of assembly

1 = 31080	4 = 31046
2 = 31041S2	5 = 10062
3 = 31102	6 = 6210 (2x)

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



Spare Parts list for Calibre 3205

Main plate jewelled, pre-assembled	Version	Reference	Barrel	Version	Reference
	3205A	7223205A10020		3205A	722330320010
	3205B	7223205B10020		3205B	
Barrel bridge, jewelled	Version	Reference	Barrel drum + barrel cover	Version	Reference
	3205A	7223301A10041		3205A	722330320040
	3205B			3205B	
Wheel train bridge, jewelled	Version	Reference	Barrel arbor	Version	Reference
	3205A	722330110048		3205A	722330320060
	3205B			3205B	
Pallet bridge, jewelled, rhodium-plated	Version	Reference	Mainspring with bridle	Version	Reference
	3205A	722330310057		3205A	722330320100
	3205B			3205B	
Balance bridge, pre-assembled	Version	Reference	Oscillating weight, rhodium-plated	Version	Reference
	3205A	722330110058		3205A	7223205A22019
	3205B	7223301B10058		3205B	
Train bridge	Version	Reference	Intermediate wheel	Version	Reference
	3205A	722320010062		3205A	722330330012
	3205B			3205B	
Hammer operating limitation bridge	Version	Reference	Great wheel	Version	Reference
	3205A	722330310615		3205A	722330330014
	3205B			3205B	
Automatic device framework, jewelled	Version	Reference	Third wheel	Version	Reference
	3205A	722330312030		3205A	722330330025
	3205B			3205B	
Automatic device bridge, pre-assembled	Version	Reference	Second wheel	Version	Reference
	3205A	722330112050		3205A	722330330027**
	3205B			3205B	
Chronograph bridge, rhodium-plated	Version	Reference	Escape wheel	Version	Reference
	3205A	7223205A15040N		3205A	722330330040
	3205B	7223205A15040		3205B	



Spare Parts list for Calibre 3205

Ratchet wheel	Version	Reference	Cap jewel, lower	Version	Reference
	3205A	722330331022		3205A	7223303A32262
	3205B			3205B	
Crown wheel	Version	Reference	Cap jewel, upper	Version	Reference
	3205A	722330331023		3205A	7223303A32325
	3205B			3205B	
Minute wheel	Version	Reference	Shock-absorber spring, top	Version	Reference
	3205A	722330331041S2		3205A	7223303A32425
	3205B			3205B	
Hour wheel	Version	Reference	Shock-absorber spring, bottom	Version	Reference
	3205A	722330331046**		3205A	7223303A32462
	3205B			3205B	
Cannon pinion with driving wheel	Version	Reference	Ratchet wheel driving wheel	Version	Reference
	3205A	722330331080**		3205A	72233033203301
	3205B			3205B	
Motion work setting wheel	Version	Reference	Wig-wag pinion	Version	Reference
	3205A	722330331102		3205A	722330332104
	3205B			3205B	
Winding pinion	Version	Reference	Stop pinion	Version	Reference
	3205A	722330331120		3205A	722330332105
	3205B			3205B	
Sliding pinion	Version	Reference	Chronograph wheel	Version	Reference
	3205A	722330331121		3205A	722330335010**
	3205B			3205B	
Reduction wheel	Version	Reference	Minute-counting wheel	Version	Reference
	3205A	722330332031S2		3205A	722330335012**
	3205B			3205B	
Shock-absorber, upper	Version	Reference	Hour-counting wheel	Version	Reference
	3205A	722330332025		3205A	722330335030**
	3205B	7223313B32027		3205B	
Shock-absorber, lower	Version	Reference	Driving wheel for counters	Version	Reference
	3205A	722330332062		3205A	722330335031
	3205B	7223303B70531		3205B	
In settings, upper	Version	Reference	Hour counter additional driving wheel 1	Version	Reference
	3205A	7223303A32127		3205A	722330335032
	3205B	7223313B32127		3205B	
In settings, lower	Version	Reference	Hour counter additional driving wheel 2	Version	Reference
	3205A	7223303A32167		3205A	722330335033
	3205B	7223313B32167		3205B	



Spare Parts list for Calibre 3205

Pallet fork	Version	Reference	Column wheel jumper	Version	Reference
	3205A	722330340010		3205A	722330355130
	3205B			3205B	
Balance complete with stud	Version	Reference	Minute counter jumper	Version	Reference
	3205A	722330340055		3205A	722330355143
	3205B	7223303B40055		3205B	
Stud support	Version	Reference	Chronograph column-wheel	Version	Reference
	3205A	722330340210		3205A	722330355180
	3205B			3205B	
Winding stem	Version	Reference	Chronograph and minute hammer	Version	Reference
	3205A	722330351010		3205A	722330355240
	3205B			3205B	
Yoke 2 position	Version	Reference	Hour hammer	Version	Reference
	3205A	722320051050		3205A	722330355248
	3205B			3205B	
Rocking bar 2 position	Version	Reference	Eccentric screw	Version	Reference
	3205A	722320051052		3205A	722330355445
	3205B			3205B	
Setting lever	Version	Reference	Balance stop lever	Version	Reference
	3205A	722330351083		3205A	722330356070
	3205B			3205B	
Setting lever jumper	Version	Reference	Click spring	Version	Reference
	3205A	722320051090		3205A	722330361080
	3205B			3205B	
Click	Version	Reference	Yoke spring	Version	Reference
	3205A	722330351120		3205A	722330361100
	3205B			3205B	
Stop click	Version	Reference	Stop click spring	Version	Reference
	3205A	722330352053		3205A	722330362101
	3205B			3205B	
Column wheel operating lever	Version	Reference	Column wheel operating lever spring	Version	Reference
	3205A	722330355040		3205A	722330365040
	3205B			3205B	
Hammer operating lever	Version	Reference	Hammer operating lever spring	Version	Reference
	3205A	7223303A55048		3205A	722330365047
	3205B			3205B	
Clutch rocker	Version	Reference	Hour wheel friction spring	Version	Reference
	3205A	722330355090		3205A	722330366220
	3205B			3205B	
Clutch lever	Version	Reference	Crown wheel core	Version	Reference
	3205A	722330355100		3205A	722330381136
	3205B			3205B	



Spare Parts list for Calibre 3205

Dial fastener	Version	Reference	Screw for column wheel operating lever	Version	Reference
	3205A	722330370200		3205A	72233036204
	3205B			3205B	
Screw for stud	Version	Reference	Screw for crown boss	Version	Reference
	3205A	72233034002		3205A	72233036204
	3205B			3205B	
Screw for automatic device bridge	Version	Reference	Screw for train bridge	Version	Reference
	3205A	72233036003		3205A	72233036210
	3205B			3205B	
Screw for hammer operating lever	Version	Reference	Screw for setting lever jumper	Version	Reference
	3205A	72226016004		3205A	72233036407
	3205B			3205B	
Screw for clutch rocker	Version	Reference	Screw for click	Version	Reference
	3205A	72226016004		3205A	72233037008
	3205B			3205B	
Screw for clutch lever	Version	Reference	Screw for chronograph bridge	Version	Reference
	3205A	72226016004		3205A	72233037031
	3205B			3205B	
Screw for column wheel jumper	Version	Reference	Screw for balance-bridge	Version	Reference
	3205A	72226016004		3205A	72233037031
	3205B			3205B	
Screw for minute counter jumper	Version	Reference	Screw for train wheel bridge	Version	Reference
	3205A	72226016004		3205A	72233037031
	3205B			3205B	
Screw for barrel bridge	Version	Reference	Screw for automatic device bridge	Version	Reference
	3205A	72233036011		3205A	72233037033
	3205B			3205B	
Screw for hammer operating lever spring	Version	Reference	Screw for chronograph bridge	Version	Reference
	3205A	7223612A6012		3205A	72233037033
	3205B			3205B	
Screw for ratchet wheel	Version	Reference	Screw for setting lever jumper	Version	Reference
	3205A	72233036019		3205A	72233037035
	3205B			3205B	
Screw for column wheel operating lever	Version	Reference	Screw for oscillating weight	Version	Reference
	3205A	72233036022		3205A	72233038200
	3205B			3205B	
Screw for hammer operating limitation bridge	Version	Reference	Screw for pallet bridge	Version	Reference
	3205A	72233036034		3205A	72233038204
	3205B			3205B	



Modifications of Technical Guide versions for Calibre 3205

Technical Guide versions				
First version:	29.08.2008	Version A	Made by:	Pelrom
Last version:	19.04.2010	Version B		

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

