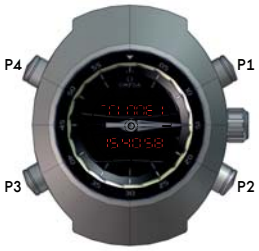
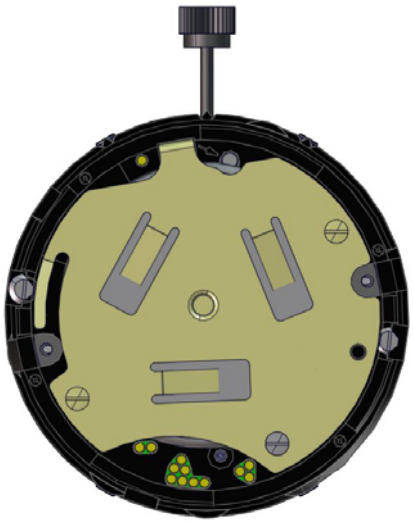
CALIBRE
5666

	Version A
15‴ Ø 34.60 mm	
Version	Thermo-compensated
Height of movement	13.30 mm
Number of jewels	9



Exclusive OMEGA movement, Multi-functions quartz. Display of hours, minutes and seconds in centre. Digital display: hours, minutes and seconds, time 2, UTC, alarm, calendar, weekly calendar, chronograph, pilot log book, timer.

Contents

Important points

Battery information (ref. 1447026)

3 V	Lithium
Ø 24.5 mm	H 5 mm
Renata	CR2450N
Varta	CR2450
Energizer	CR2450

Standard movements exchange
Follow Working Instruction No 31 for standard movement exchanges.

Runners for hand setting and hand setting force
See Working Instruction No 43.

Mandatory tools:

Hand fitting	**Ref.**
Movement holder for hand fitting	507 0138
Tools	
Plastic tweezers	502 310 0051

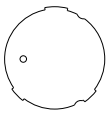
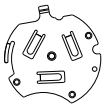
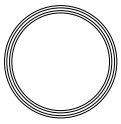
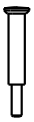
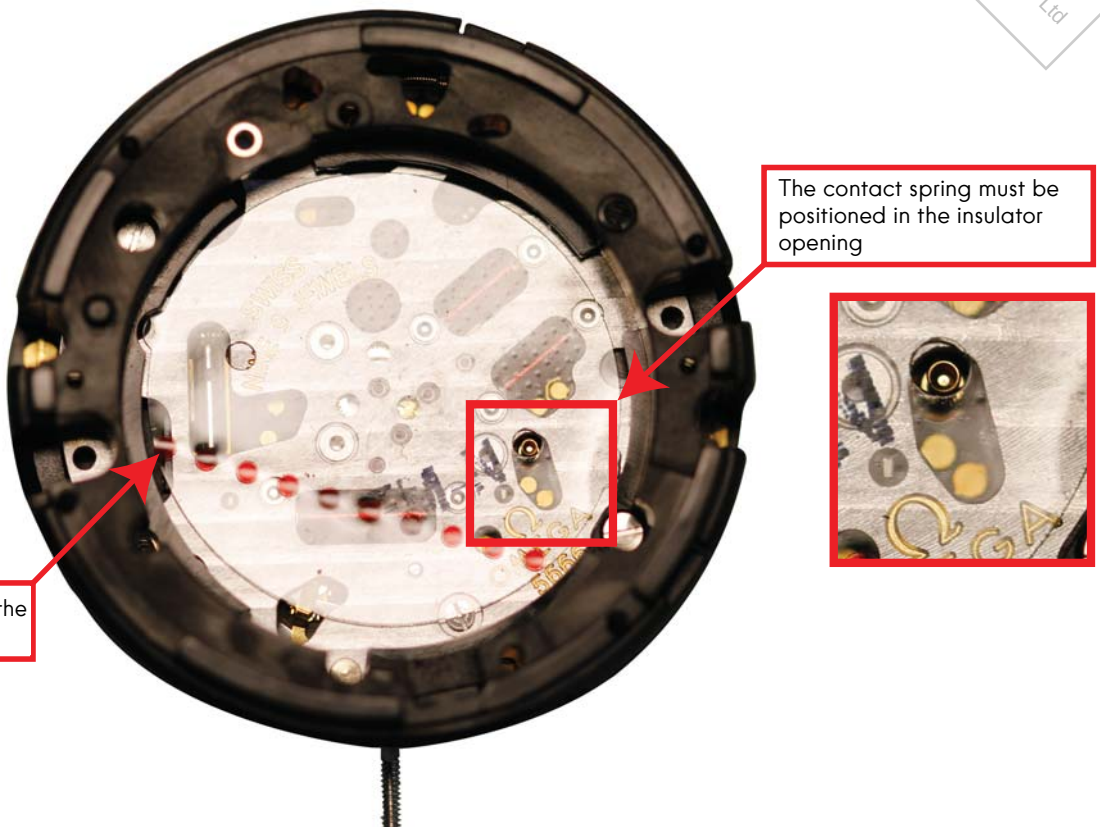
Dial fastener	Version	Reference
	5666A	7225666A10300
Battery insulator	**Version**	**Reference**
	5666A	7225666A20651
Corrector push-piece extension	**Version**	**Reference**
	5666A	7225666A93230
Battery cover	**Version**	**Reference**
	5666A	7225666A93500
Battery	**Version**	**Reference**
	5666A	1447026
Screw for battery cover	**Version**	**Reference**
	5666A	7225666A3590
Screw for battery cover	**Version**	**Reference**
	5666A	7225666A3591

Fig. 1.0

1.0 Installing the battery insulator between the movement and the battery



1.1 CS sequential tests (Customer services)

1.2 Operations to enter into CS test mode; only for additional checks:

1. Remove the two long screws (ref. 7225666A3590) and the small screw (ref. 7225666A3591) which hold the battery cover and possibly the battery.
2. Hold the crown pressed in.
3. Replace the battery, then insert and screw the two long screws on the battery cover; the LCD displays «TEST 0».
4. Release the crown, test 0 is carried out.
5. Press the crown to perform the next test, the LCD displays the number of the next test «TEST X» (see p.7).
6. Release the crown to carry out the test.

2.0 CHECKING THE ALARM

Extended push (5 sec.) simultaneously on P2 and P4.
Wait for the hands to reach 12:00:00 and the «CHG BAT» display to disappear.
Extended push on P2 (2 sec.) to make the watch chime.
Push the stem to exit test mode.

Test description:

Identification	Test no.	Test description
IDENTIFICATION	**Test 0**	Software identification display.
Rate adjustment	**Test 1**	Displays the current value of the rate correction. This correction is calculated then saved in the movement during production tests. This test is also used to modify this value if necessary. Every connection between the battery's + pole and the C+ test point (respectively C-) accelerates the rate by decrementing the value (respectively slows down the rate by incrementing the value). This connection can be made using a conductor tool (tweezers, wire, etc.).
RUN MODE	**Test 2**	*Display all the LCD segments and put µC into* `Run` *mode.*
HALT MODE	**Test 3**	*Disable the LCD driver and put µC into* `Halt` *mode.*
BUZZER MODE	**Test 4**	Trip the Buzzer at a frequency of 2700 Hz.
CW seconds motor	**Test 5**	The seconds motor is moved forward one pitch clockwise every time P1, P2, P3 or P4 is pressed.
CW minutes motor	**Test 6**	The minutes motor is moved forward one jump clockwise every time P1, P2, P3 or P4 is pressed.
CCW minutes motor	**Test 7**	The minutes motor is moved backward one pitch clockwise every time P1, P2, P3 or P4 is pressed.
CW minutes and seconds motor	**Test 8**	The seconds motor moves forward at a frequency of 32 Hz and the minutes motor at a frequency of 0.26 Hz (30 second pitches for one minute pitch).
LAMPE	**Test 9**	Activates the light.
Even LCD segments	**Test A**	Displays all the even LCD segments. This test checks whether two tracks next to one another are short-circuited.
Odd LCD segments	**Test B**	Displays all the odd LCD segments. This test checks whether two tracks next to one another are short-circuited.
EOL	**Test C**	Indicates the battery's voltage level. - Higher than 2.6 V - Buzzer release
		- Between 2.4 V and 2.6 V - Buzzer engaded at a frequency of 2000Hz
		- Lower than 2.4 V - Buzzer engaded at a frequency of 2700 Hz

How to exit the test :		
F TEST	**Exit**	Reset the watch after about four seconds; the watch restarts in standard Time mode. To restart in CS test mode (test 0), hold the crown pressed in.