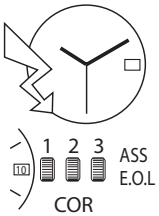
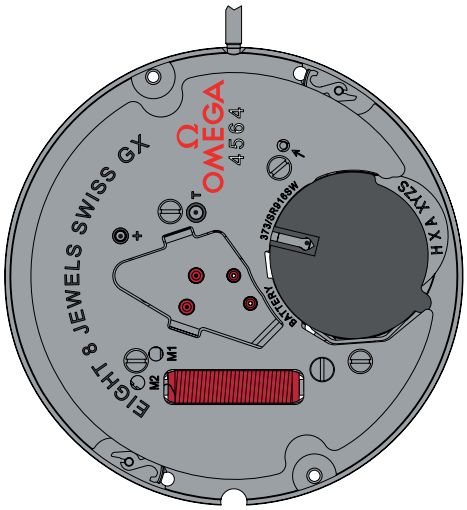
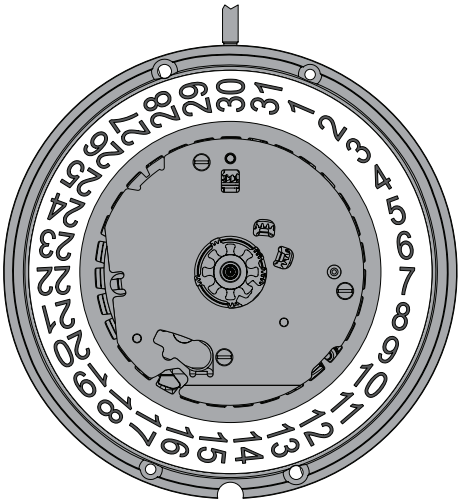
CALIBRE 4564

	Version A
11 1/2‴ Ø 25,60 mm	
Height of movement	1.95 mm
Height of battery	2.15 mm
Number of jewels	8
Rohs Versions	yes





Omega personalised quartz movement, featuring circular graining, rhodium-plating.
Three-hand display: hours, minutes and seconds with date. Stepping motor with ASS, 60 impulses per minute, inhibition, E.O.L.

Contents

The policy regarding on-site repairs is as follows:

Standard movement exchanges
See Working Instruction No 31.

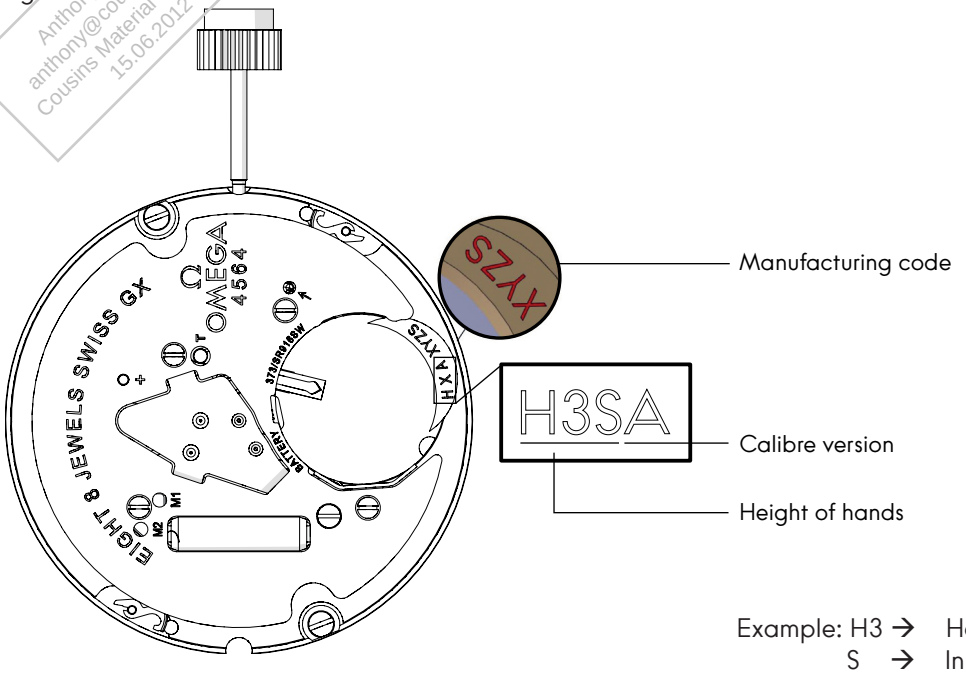
Mandatory tools:

Hand fitting	**Ref.**
Movement holder for hand setting	507 0017
Tweezers	
Plastic tweezers	502 310 0051

Battery insulator	Version	Reference
	4564A	7224564A20651

1.0 Information on height of hands

Fig. 1.0



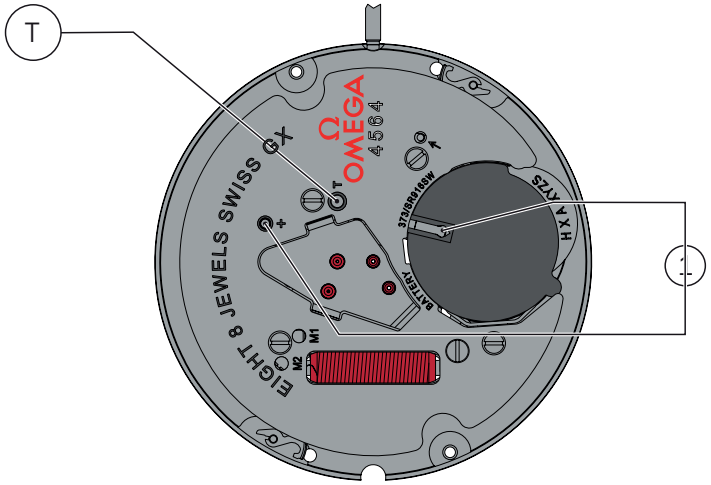
Example: H3 → Height 3
S → In case of special height
A → Calibre version

1.1 Runners for hand setting and hand setting force

Designation	Movement holder for hand-setting	No of runners for hand setting	Minimum force (N)	Maximum force (N)	Support (jewel)
Hours hand	507 0017	4	10	50	yes
Minutes hand		2	10	50	yes
Second hand		1	10	30	yes

2.0 Electrical tests

Fig. 2.0



Pos.	Setting of apparatus	Measurement	Test	Remarks
1	2 V	1.55 V	Battery voltage	
2	2 V	The movement is fitted with a «Watchmodule C7».		
		Motor driven with 1 steps/s.	Lower working-voltage limit.	Measured without battery, variable external supply, starting with 1.55V, continually reduce voltage until movement stops.
		Jump of 4 steps every 4 seconds until supply voltage < E.O.L. voltage threshold **	EOL Function. End of life test for the battery.	Measurement without battery, with supplied voltage < the starting voltage of E.O.L. **, E.O.L. Function. EOL function after 2-4 minutes.
	10 µA	≤ 1,24 µA	Movement consumption	Measurement without battery, with external power supply 1.55 V.
		≤ 0,5 µA	Function of stop lever, pos. 3 of handsetting stem.	Measurement without battery, with external power supply 1.55 V.

The starting E.O.L. voltage is ≤ 1,3 V.

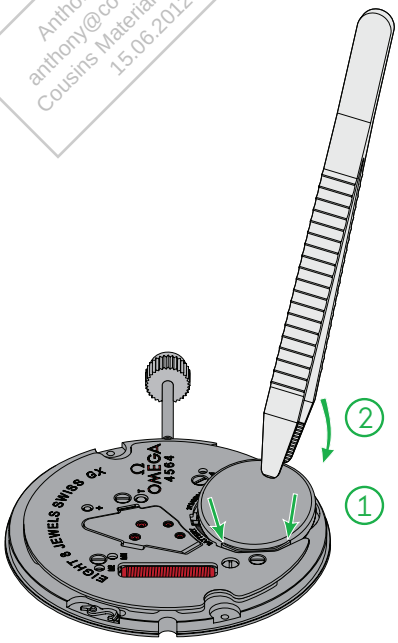
The rate must be checked with an instrument that allows measuring over one or several periods of 60 seconds.

Check the rate .with an ambient temperature between 20° C and 25° C.

Major points
Information on the battery (ref. 1447014)

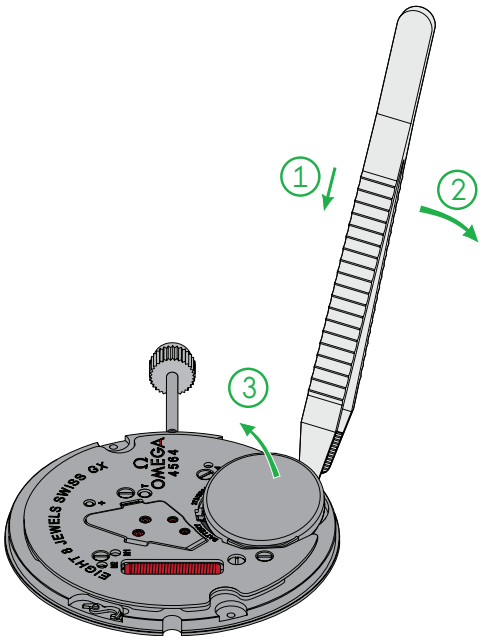
1.55 V	«Low Drain»
Ø 9.50 mm,	H 1.65 mm
Renata	373
Varta	V373
UCAR, Energizer, Ray-O-Vac	373
Maxell, Panasonic, Sony	SR916SW

4.0 Fitting the battery



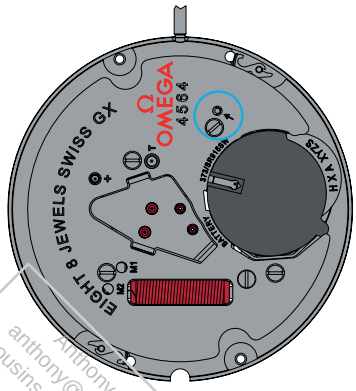
Slide the battery against the contact strip ①. Press the battery firmly into position ②. The bridle ⊙ keeps the battery in position.

Use plastic tweezers (not-conductive).



Removing the battery
Insert tweezers ① between main plate and battery (see drawing) and lift out the battery by gently lifting back ⊙ ②. Remove the battery ③.

Use plastic tweezers (not-conductive).



Extracting the stem

The handsetting stem must be pushed back to position 1 (neutral). Press on the point indicated by the arrow → and delicately extract the stem.