

EBAUCHES S. A.

NEUCHÂTEL

SWITZERLAND

Edited and published by Ebauches S. A.

(French, English, German, Italian, Spanish)

Copyright 1954 by Ebauches S. A.



FABRIQUE D'EBAUCHES
VENUS S. A., MOUTIER

12 1/2''' **211**
28 mm

Recording chronograph with 2 pushers, without pillar wheel, with :
Date showing through 1 aperture in dial, and 1 corrector
(Basic caliber, without date device : reference 210)



Enlarged movement

TECHNICAL AND PRACTICAL COMMUNICATION FOR THE GUIDANCE OF WATCH REPAIRERS

Recording chronograph with 2 pushers, without pillar wheel, with date showing through 1 aperture in dial, and 1 corrector

12 1/2" 211

Chronograph 211 is the same as basic caliber 210, with the addition of a date device. Furthermore, the chronograph mechanism of this caliber differs only in size from that of caliber 188. Therefore all the instructions given in Technical Communication No. 3 apply also to calibers 210 and 211.

Single exception: The pivoting screw of the sliding gear yoke of caliber 188 has been replaced here by an eccentric for adjusting the depth of gearing between the sliding gear wheel and the minute-recording runner.

DISASSEMBLING THE DATE DEVICE :

To gain access to the date device, it is necessary first of all to go through operations 1 to 5 for disassembling the chronograph mechanism (see under cal. 188, Technical Communication No. 3), i. e. to remove the movement from the case, after which the device can be disassembled easily.

Note: To gain direct access to the hand-setting mechanism, it is only necessary to remove calendar plate 2551, to which the date device is fitted, by unscrewing its 3 blue screws.



ASSEMBLING THE DATE DEVICE :

The device is equally easy to assemble; do not forget, however, to place unit corrector 2613 in position on the plate before screwing on calendar plate 2551.

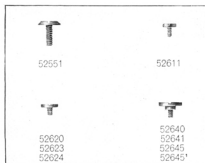
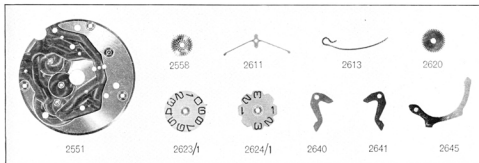
CHECKING AND LUBRICATION :

Check the working by means of the corrector, and slightly grease the set-screw of the latter.

WORKING AND SETTING OF DATE DEVICE :

After fitting the dial, turn the winding stem until the unit disk jumps forward; fit the hour and minute hands, making sure that they point to 12, then fit the second hand. With the hammer pressed against the hearts by the zero-action pusher, fit the minute-recording and center second hands.

Set the watch to the correct time and date as follows, remembering that the hands have been set to zero hours : move the hands forward to 3 o'clock, adjust the date by means of pusher A fitted in the side of the case, and then set the watch to the correct time. Do not use the pusher to work the date device between 9 p. m. and 2 a. m., when the automatic " jumping " takes place.



2551 Calendar plate
2558 Double-toothing hour wheel
2611 Jumper spring
2613 Unit corrector spring
2620 Unit star driving wheel
2623/1 Unit star with dial disk
2624/1 Tens star with dial disk

2640 Unit jumper
2641 Tens jumper
2645 Unit corrector
52551 Calendar plate screw
52611 Screw for jumper spring
52620 Unit star driving wheel screw
52623 Unit star screw

52624 Tens star screw
52640 Unit jumper screw
52641 Tens jumper screw
52645 Unit corrector screw
52645' Safety screw for unit corrector