

EBAUCHES S.A.

NEUCHÂTEL

SWITZERLAND

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FABRIQUE D'EBAUCHES
A. SCHILD S. A., GRENCHEN

11 1/2'''	1382
11 1/3'''	1395
11 1/2'''	1396
11 1/2'''	1402
26 mm	

Lever movement, self-winding, sweep second, with :

Reserve power indicating device (cal. 1382)

Day and date showing through 2 apertures in dial, 1 corrector (cal. 1395)

Date showing through 1 aperture in dial, 1 corrector (cal. 1396)

Calendar and moon phase devices (cal. 1402)



Cal. 1382



Cal.
 1361
 1382
 1395
 1396
 1402



Cal. 1395



Cal. 1396



Cal. 1402

TECHNICAL AND PRACTICAL COMMUNICATION FOR THE GUIDANCE OF WATCH REPAIRERS

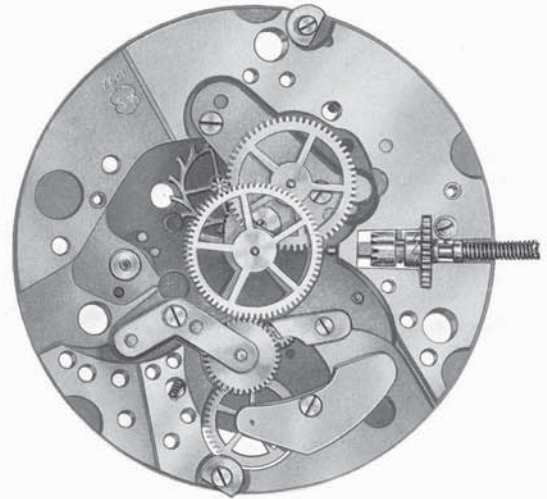
Lever movement, self-winding, sweep second, with reserve power indicating device

11 1/2''' 1382

Movement 1382 is the same as caliber 1361 (see Technical Communication No. 4), with the addition of a reserve power indicating device.

DISASSEMBLING :

To gain access to the reserve power indicating device, it is necessary first of all to go through operations 1 to 7 for disassembling the automatic winding mechanism (see under cal. 1361). Then remove ratchet wheel, barrel bridge and barrel, after which the reserve power indicating device can be disassembled easily. Check cleanness and wear of all parts.



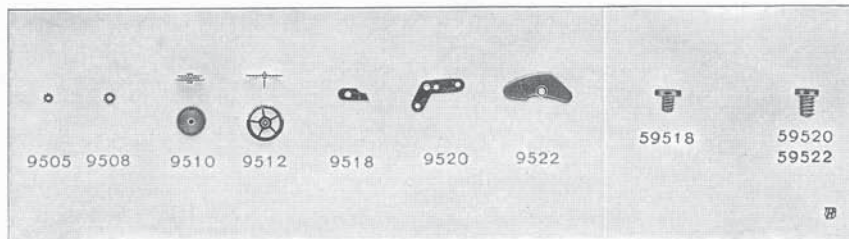
ASSEMBLING AND LUBRICATION :

The device is equally easy to assemble; indicator wheel 9512 should run freely, whereas driving gear 9510 should be braked by driving gear bridge 9520, which, by exerting slight pressure on the gear, insures transmission by the adhesion of the balls. The pivots of both driving gear 9510 and indicator wheel 9512 should be slightly oiled, as well as the friction surfaces of the driving gear in contact with the plate and bridge.



WORKING :

After having fitted the dial, wind mainspring fully, then set reserve power indicator hand to 36.



9505 Driving pinion on barrel arbor
9508 Connecting wheel for driving gear
9510 Driving gear for indicator wheel
9512 Indicator wheel

9518 Bridge for connecting wheel of driving gear
9520 Bridge for driving gear of indicator wheel
9522 Indicator wheel bridge

59518 Screw for bridge for connecting wheel of driving gear - 59520 Screw for bridge for driving gear of indicator wheel - 59522 Screw for indicator wheel bridge.

All parts not listed above are exactly the same as for caliber 1361, with the exception of plate 100 and complete barrel 180, of which there are special types for caliber 1382.

Lever movement, self-winding, sweep second, with date showing through aperture in dial, and corrector

11 1/2''' 1396

Movement 1396 is the same as caliber 1395, but has no dial aperture for indicating the day; the day star driving wheel 2560 has therefore been replaced by the intermediate date wheel 2543 which has no pin.

Therefore day star 2561, day jumper spring 2573 and day jumper 2577 are not used in this caliber.

The date aperture may be at 12 or 3 hours.

Lever movement, self-winding, sweep second, with day and date showing through 2 apertures in dial, 1 corrector

11 1/2''' 1395

Movement 1395 is the same as caliber 1361 (see Technical Communication No. 4), with the addition of a calendar device for 2 dial apertures, with one corrector.

DISASSEMBLING :

To gain access to the calendar device, it is necessary first of all to go through operations 1 to 3 for disassembling the automatic winding device (see under cal. 1361), after which the calendar device can be disassembled easily. Check cleanness and wear of all parts.

ASSEMBLING :

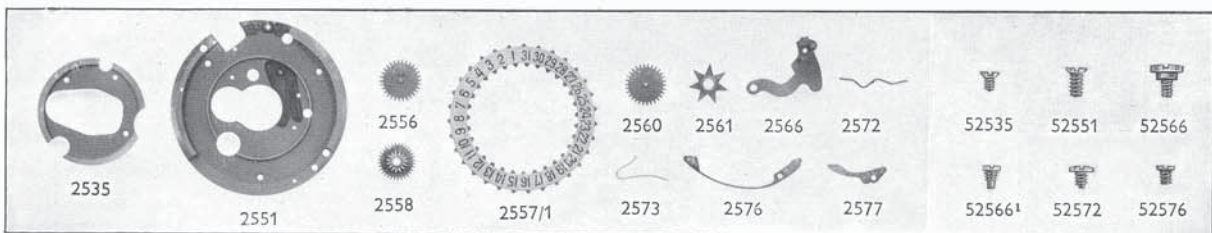
The device is equally easy to assemble, but the following special point should be taken into account: date indicator driving wheel 2556 (see diagram) should be placed with its mark E opposite mark F of day star driving wheel 2560, on the line joining the centers of the two wheels.

CHECKING AND LUBRICATION :

With the winding stem in the hand-setting position, check the "jumping" of the day star and date indicator, which should move simultaneously. Check the working by means of the corrector, then slightly oil the friction points of the date and day jumpers, as well as the 2 pins of the corrector.

WORKING AND SETTING OF CALENDAR :

After having fitted the dial, turn the winding stem until the day disk or date indicator jumps forward; fit the hour and minute hands, making sure that they point to 12, then fit the second hand. Case the movement, set the watch to the correct time and day, remembering that the hands have been set to zero hours, and then adjust the date by means of pusher A fitted in the side of the case. Do not use the pusher to work the date indicator between 10 p. m. and 2 a. m., when the automatic "jumping" takes place.



- | | |
|------------------------------------|----------------------------|
| 2535 Date indicator guard | 2561 Day star |
| 2551 Calendar plate | 2566 Date corrector |
| 2556 Date indicator driving wheel | 2572 Date corrector spring |
| 2557/1 Date indicator, transferred | 2573 Day jumper spring |
| 2558 Double-toothing hour wheel | 2576 Date jumper |
| 2560 Day star driving wheel | 2577 Day jumper |

52535 Screw for date indicator guard - 52551 Calendar plate screw - 52566 Date corrector screw - 52572 Screw for date corrector spring - 52576 Date jumper screw.

All parts not listed above are exactly the same as for caliber 1361, with the exception of plate 100 and dial screw 5750, of which there are special types for caliber 1395.

Lever movement, self-winding, sweep second, with calendar and moon phase devices

11 1/2''' 1402

Movement 1402 is the same as caliber 1361 (see Technical Communication No. 4), with the addition of calendar and moon phase devices.

DISASSEMBLING :

To gain access to the calendar and moon phase devices, it is necessary first of all to go through operations 1 to 3 for disassembling the automatic winding mechanism (see under cal. 1361), after which the devices can be disassembled easily. Check cleanness and wear of all parts.

ASSEMBLING :

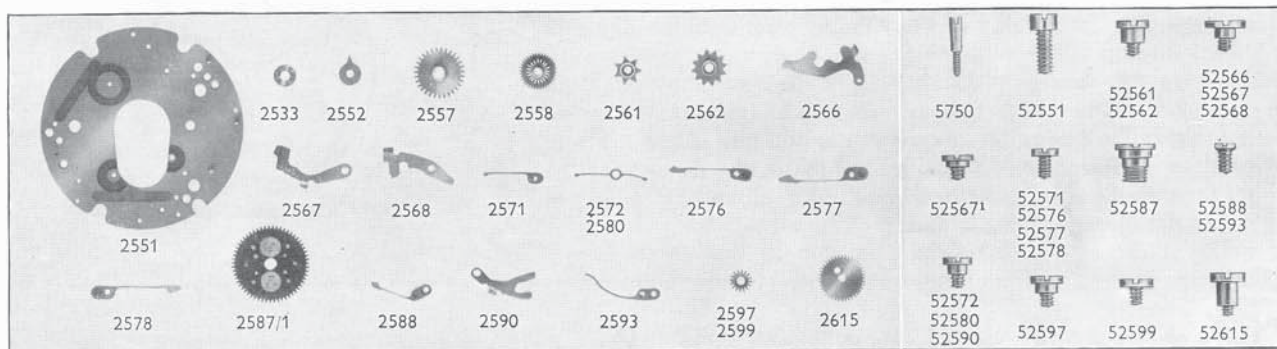
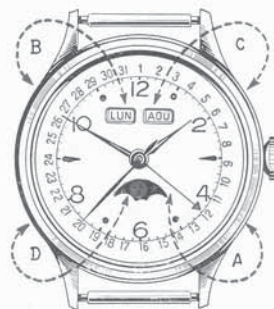
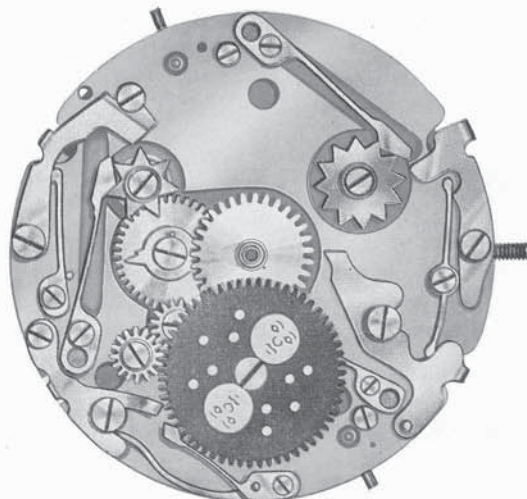
The devices are equally easy to assemble, but to insure correct "jumping" of day star 2561, date star 2557 and moon phase star 2587, finger 2552 should be fitted with its mark underneath (consequently, the long part of the pin will be on top).

CHECKING AND LUBRICATION :

With the winding stem in the hand-setting position, check the "jumping" of the day and date stars, which should move simultaneously. Check the "jumping" of the moon phase star about 12 hours later, then check the working by means of the correctors, oil the pivot points of the latter and grease the friction points of the springs and jumpers.

WORKING AND SETTING OF CALENDAR AND MOON PHASE DEVICE :

After having fitted the dial, fit the date hand and turn the winding stem until the day disk or date hand jumps forward; fit the hour and minute hands, making sure that they point to 12, then fit the second hand. Case the movement, set the watch to the correct time, and then set the calendar to the correct date by means of the pushers, remembering that the hands have been set to zero hours. Do not use the pushers to work the calendar between 10 p. m. and 2 a. m., or the moon phase disk between 10 a. m. and 2 p. m., when the automatic "jumping" takes place. In this caliber, the calendar and moon phase pushers are fitted in the side of the case. Pusher A works the date hand, pusher B the day disk and pusher C the month disk. Pusher D works the moon phase disk, and any almanac will show the phase of the moon at the time of setting.



The use of several numbers for a single part means that several parts of that type are used. Note also that certain parts of this device have two functions, e.g. date corrector spring 2572, which also acts as month corrector spring 2580.

- | | | |
|--------------------------------|-----------------------------|-------------------------------------|
| 2533 Moon phase star seat | 2567 Day corrector | 2587/1 Moon phase star, transferred |
| 2551 Calendar plate | 2568 Month corrector | 2588 Moon phase jumper |
| 2552 Date finger | 2571 Day corrector spring | 2590 Moon phase corrector |
| 2557 Date star | 2572 Date corrector spring | 2593 Moon phase corrector spring |
| 2558 Double-toothed hour wheel | 2576 Date jumper | 2597 Moon phase star driving wheel |
| 2561 Day star | 2577 Day jumper | 2599 Intermediate moon phase wheel |
| 2562 Month star | 2578 Month jumper | 2615 Date finger driving wheel |
| 2566 Date corrector | 2580 Month corrector spring | |

5750 Dial screw - 52551 Calendar plate screw - 52561 Day star screw - 52562 Month star screw - 52566 Date corrector screw - 52567 Day corrector screw - 52567¹ Safety screw for day corrector - 52568 Month corrector screw - 52571 Screw for day corrector spring - 52572 Screw for date corrector spring - 52576 Date jumper screw - 52577 Day jumper screw - 52578 Month jumper screw - 52580 Screw for month corrector spring - 52587 Moon phase star screw - 52588 Moon phase jumper screw - 52590 Moon phase corrector screw - 52593 Screw for moon phase corrector spring - 52597 Moon phase star driving wheel screw - 52599 Screw for intermediate moon phase wheel - 52615 Date finger driving wheel screw.

All parts not listed above are exactly the same as for caliber 1361, with the exception of plate 100 and dial screw 5750, of which there are special types for caliber 1402.

When ordering parts for a shock-protecting device, make certain to specify its exact type. For further details of the description and numbering of spare parts, see Technical Communication No. 4 (AS, cal. 1361) or the "Technological Dictionary of Watch Parts", 2nd edition, published by Ebauches S. A.

Order repair parts through your jobber, giving the numbers and designations, thus insuring prompt and efficient deliveries.