

Technical Letter

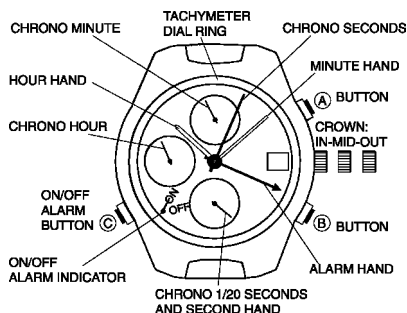
BOOK NO. 515

ALARM-CHRONO-0S80

Your new Bulova Quartz Chronograph Watch features the following functions:

1. Timekeeping precision with hours, minutes and seconds
2. Alarm
3. Complete 1/20-second Chronograph function, up to 12 hours
4. Date function
5. Tachymeter dial ring (on some models)

The long "second hand" operates for the chronograph only. It does not run during normal timekeeping. The regular second hand is the small hand, in the small dial, at the 6 o'clock position.



The above diagram will simplify following the step-by-step setting sequence. Match it to the face of your new Bulova Quartz Watch.

NOTE: The watch crown has three specific setting positions. You will hear a "click" when the crown is pulled out (or pushed back) from one position to another. Once the watch is properly set, except for date variations or time zone changes, adjustment is rarely, if ever, required.

The push buttons designated as "A" (at the 2 o'clock position) and "B" (at the 4 o'clock position) control the chronograph function.

PRELIMINARY SETTING PROCEDURE

Before the watch can be set, the 1/20-second chronograph indicator and the 60-second timer hand must be in the "0" (zero) or 60th second position. If not, proceed as follows:

- Step 1.** Pull the crown to the "OUT" position (two "clicks").
- Step 2.** Slowly push and release button "B" until the 1/20-second chronograph hand is in the "0" (zero) position. If the button is kept depressed, the hand will continue to move rapidly.
- Step 3.** Slowly push and release button "A" until the 60-second timer hand is in the 60th second position. If the button is kept depressed, the hand will continue to move rapidly.
- Step 4.** When both hands are accurately positioned, push the crown to the "IN" position and proceed to "Setting the Time."

SETTING THE TIME

NOTE: Your watch is in normal time indication mode when the crown is in the "IN" position.

Step 1. When the small second hand reaches the 60th second mark, pull the crown all the way to the "OUT" position. All hands will stop.

Step 2. With the crown still in the "OUT" position, turn it to move hands FORWARD (clockwise) until you see the date change. This

establishes midnight.

Step 3. For A.M. time, continue to move the hands FORWARD until the minute hand is approximately 5 minutes ahead of the desired minute marker; then, gently turn back to the same minute marker. For P.M. time, follow the same procedure, but first advance the hands past 12 o'clock.

Step 4. When the time standard by which you are setting your watch (telephone beep, etc.) reaches the 60th second, push the crown all the way to the "IN" position without turning. All normal time hands will start instantly.

SETTING THE DATE

Step 1. Pull the crown out to the "MID" position (one "click") Turn the crown counterclockwise until the desired date appears.

Step 2. Push the crown back to the "IN" position. The watch will now be operating normally.

NOTE: The date will advance automatically at midnight provided that A.M. and P.M. have been established (see "Setting the Time"). The watch calendar is programmed for a 31-day cycle. Therefore, on the first day of any month following a month with less than 31 days, the date must be advanced manually.

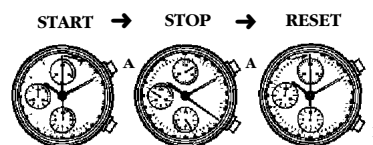
The date should never be changed manually between 9:00 PM and 3 AM, as this might result in an inaccurate date display. However, the mechanism will not be damaged if the crown is turned accidentally during this time period.

USING THE ALARM

1. Pull the crown out to the "mid" position.
2. Turn the crown clockwise (away from you) to set the alarm hand to the desired time. Note: Turning the crown in the opposite direction will set the date.
3. Push the crown back to the "in" position.
4. Pull out button "C" to activate the alarm.
5. After the hour hand advances to align with the alarm hand, the alarm will sound for 15 seconds. Then it will be silent for 2 minutes and 45 seconds. Then it will sound again for 15 seconds. This alarm cycle will repeat several times unless the alarm is turned off.
6. To turn off the alarm, simply push in the "C" button again.

HOW TO USE THE CHRONOGRAPH

Properly set, your watch is in normal time indication mode. Review the following diagram, which points out the specific push buttons used to start stop and reset the chronograph. Then proceed with Steps 1 through 4.



Step 1. With the watch in normal time indication mode, push and release button "B". The 60-second timer hand will move to the "0" (zero) or 60th second mark.

Step 2. To start chronograph measurement, push and release button "A".

Step 3. To stop chronograph measurement, push and release button "A". Measurement ceases; time is indicated.

Step 4. To reset chronograph hands to "0", push and release button "B".

Step 5. To return to normal time indication, push button "B" again.

In the Chronograph mode

For accumulated time measurement, follow the sequence in the diagram below.

