HAMILTON

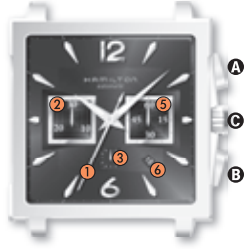
THE AMERICAN BRAND SINCE 1892

AUTOMATIC AND QUARTZ
CHRONOGRAPH
INSTRUCTION MANUAL

HAMILTON
THE AMERICAN BRAND SINCE 1892

ETA 251.272
Khaki Aviation Quartz Chrono
22 jewels

ETA 251.471
Khaki Air Quartz Chrono
23 jewels



ETA 2894-2
Jazzmaster Square Auto Chrono
37 jewels

ETA 7750
Khaki Field Auto Chrono
25 jewels

ETA 7750
Khaki Tachymiler
25 jewels

ETA 7753
Jazzmaster Auto Chrono
27 jewels

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Congratulations

Hamilton is delighted that you have chosen a timepiece from its collection. You have acquired a small technological marvel that will serve you faithfully for many years. The most advanced technologies were used throughout its manufacture and it underwent stringent controls before it was released for sale.

Characteristics

Ⓐ Start/Stop button

Ⓑ Button for resetting to zero

Ⓒ Crown for adjustments

Ⓓ Button for setting date

Ⓔ Crown for adjustment of interior rotating bezel

① 60-second counter

② 30-minute counter

③ 12-hour counter

④ 1/10 second counter

⑤ Small seconds display

⑥ Date / Day

⑦ Telemeter or tachometer scale

⑧ Interior rotating bezel

Care and maintenance

Recommendations

Like all micro-mechanical precision instruments, your Hamilton watch should be checked at least once every two years. Entrust your watch only to an authorized Hamilton agent. To keep your watch water-resistant, make sure that its sealing features are tested at every check-up.
The water-resistance of your watch is indicated on the case back.

Ex: 3 ATM = 30 meters = 100 feet / 5 ATM = 50 meters = 165 feet / 10 ATM = 100 meters = 330 feet / 20 ATM = 200 meters = 660 feet (page 78)

Five basic rules for maintaining the water-resistance of your watch

1. Have your watch checked regularly.
2. Do not move the crown when you are in water.
3. Rinse off your watch with fresh water after any immersion in seawater.
4. Dry your watch whenever it gets wet.
5. Have your watch checked for water-resistance by an authorized Hamilton agent each time the case is opened.

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Automatic movement. The mechanism of the watch includes an oscillating rotor that winds the mainspring via the motion of your wrist. The power reserve is approximately 42 hours. If necessary, the watch may be rewound manually. With most of our models, the beauty of the inner working of the watch movement can be admired through the transparent case back.

Quartz movement. The electrical energy provided by the battery causes the quartz in the interior of the watch movement to oscillate 32,768 times per second. This high frequency gives great accuracy. The seconds hand advances in steps.

Adjustments

NB: On certain models the crown is screwed down to guarantee optimal water-resistance. It must be unscrewed to make adjustments. After adjustments make sure it is screwed down again.
Please note that water-resistance is only guaranteed when the crown is screwed down.

Setting the time

1. Pull out the crown Ⓒ completely to position (**p2**): the seconds hand stops*.
2. Set the time by turning the crown in the desired direction.
3. Push the crown back in completely: the seconds hand starts again, allowing perfect synchronization with a time signal.

* stop seconds according to model

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Setting the date and the day

1. Pull out the crown Ⓒ to position (**p1**).
2. Turn the crown counterclockwise until the desired date is displayed and clockwise to display the desired day.
3. Push the crown back in completely.

NB: Avoid performing this operation between 8 p.m. and 2 a.m.

Movement ETA 7753

1. Press button Ⓓ using e.g. the tip of a ballpoint pen.
2. The date changes at each press.

NB: Adjustment is not possible between 8.30 p.m. and 11.p.m.

Setting the time zone and the date

1. Pull out the crown to Ⓒ to position (**p1**).
2. Turn the crown to advance the hour hand. The date changes each time the hand passes 12 o'clock midnight.
3. Push the crown back in completely.

Important: Do not leave the crown in position (**p1**) for longer than 20 minutes, as this might interfere with the time function.

Using the chronograph

Start-Stop function

Timing a single event:

1. Press button Ⓐ: the chronograph starts.
2. Press button Ⓐ: the chronograph stops.
3. Press button Ⓑ to reset to zero.

NB: Before you start timing, the hands should be reset to zero. If necessary, press button Ⓑ.

Cumulative time function

This measures successive times. Each result is added to the previous one.

1. Press button Ⓐ: the chronograph starts.
2. Press button Ⓐ again: the chronograph stops.

Repeat these two steps as many times as desired. At the end of the last measurement, the chronograph displays the total of all the times measured. Press button Ⓑ to reset to zero.

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Technical information

Telemeter

Scale showing the distance traveled by a sound in a certain time.
For example, to measure the distance separating you from a storm, start the chronograph when you see lightning and stop it when you hear the resulting thunder.
A measurement of 3 seconds gives a distance of 1 km on the telemeter scale.

Tachometer

Scale showing the average speed of a vehicle.
Using the chronograph (Start/Stop) function, measure the time taken to travel 1 km.
The average speed can be read on the tachometer scale.

Ex: 20 seconds = 180 km/h

E.O.L. function (indication of the end of battery life)

If the seconds hand starts to move in 4-second steps, the battery should be changed by your Hamilton agent.

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Water resistance example guide

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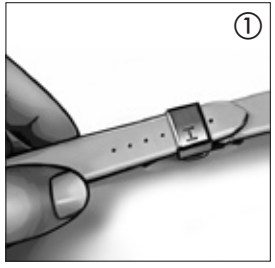
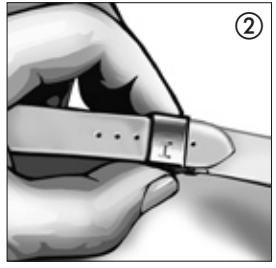
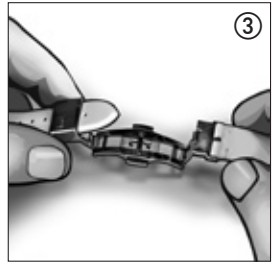
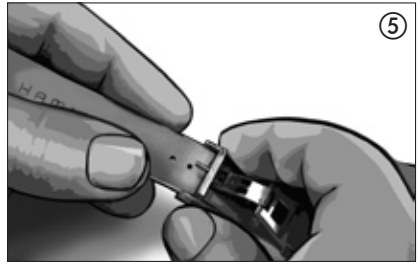
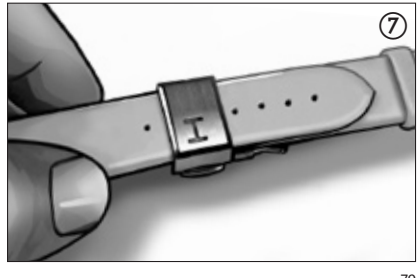
Buckle adjustment











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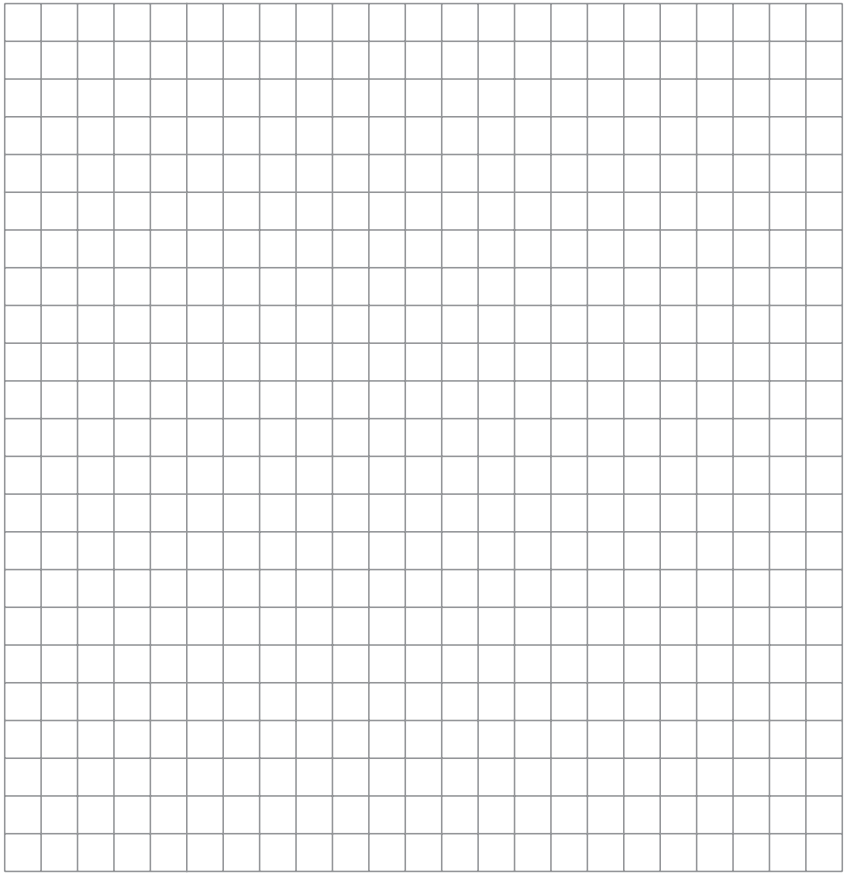

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