

Breitling AB061221/BD93-980A

Breitling Bentley Automatic Chronograph Watch AB061221/BD93-980A User Manual

Model: AB061221/BD93-980A

1. INTRODUCTION

This manual provides comprehensive instructions for the Breitling Bentley Automatic Chronograph Watch, model AB061221/BD93-980A. Please read this guide carefully to understand the functions, operation, and maintenance requirements of your timepiece. Proper care and usage will ensure the longevity and accuracy of your watch.

2. PRODUCT OVERVIEW

The Breitling Bentley Automatic Chronograph is a precision instrument featuring an automatic self-winding movement and chronograph functions. Familiarize yourself with the key components:

- **Crown:** Used for winding the movement, setting time, and setting the date.
- **Pushers:** Used to operate the chronograph functions (start, stop, reset).
- **Dial:** Displays time, chronograph subdials, and date window.
- **Bezel:** May feature a tachymeter scale for measuring speed.
- **Case Back:** Provides information about the watch, including water resistance.



Figure 1: Front view of the Breitling Bentley Automatic Chronograph Watch. This image displays the watch face, including the main hands, chronograph subdials, date window, and the crown and pushers on the side.

3. SETUP

3.1 Initial Winding

As an automatic watch, the movement is powered by the motion of your wrist. If the watch has stopped or has not been worn for an extended period, it requires manual winding to initiate operation.

1. Unscrew the crown counter-clockwise until it springs free from the case (Position 0).
2. Turn the crown clockwise approximately 30-40 times. This will provide sufficient power reserve to start the watch.
3. Push the crown back in and screw it clockwise firmly against the case to ensure water resistance.

3.2 Setting the Time

1. Unscrew the crown (Position 0).

2. Pull the crown out to Position 2. The seconds hand will stop.
3. Turn the crown clockwise or counter-clockwise to set the hour and minute hands. To avoid confusion between AM/PM for the date change, advance the hands past 12 o'clock until the date changes, then set the correct time.
4. Once the time is set, push the crown back to Position 0 and screw it firmly against the case.

3.3 Setting the Date

The date should be set when the hour hand is not between 9 PM and 3 AM to prevent damage to the date mechanism.

1. Unscrew the crown (Position 0).
2. Pull the crown out to Position 1.
3. Turn the crown clockwise to advance the date.
4. Once the correct date is displayed, push the crown back to Position 0 and screw it firmly against the case.

4. OPERATING THE CHRONOGRAPH

The chronograph function allows for precise measurement of elapsed time.

1. **Start:** Press the upper pusher (A) to start the chronograph seconds hand.
2. **Stop:** Press the upper pusher (A) again to stop the chronograph. The elapsed time will be indicated by the chronograph seconds, minutes, and hours subdials.
3. **Reset:** After stopping the chronograph, press the lower pusher (B) to reset all chronograph hands to zero. The chronograph must be stopped before resetting.

Note: Avoid operating the chronograph pushers underwater unless your watch is specifically designed for such use and the crown is fully screwed down.

5. MAINTENANCE

5.1 Cleaning

To maintain the appearance of your watch, clean it regularly with a soft, dry cloth. For metal bracelets and water-resistant cases, a soft brush and soapy water can be used, followed by a thorough rinse with fresh water and drying with a soft cloth. Ensure the crown is fully screwed down before any water exposure.

5.2 Water Resistance

Your watch has a specific water resistance rating, typically engraved on the case back. This rating indicates the level of water exposure the watch can withstand. Always ensure the crown is fully screwed down to maintain water resistance. Avoid exposing the watch to extreme temperature changes, which can compromise seals.

Common Water Resistance Ratings

| Rating | Suitability |
|---------------|--|
| 30m (3 ATM) | Splash resistant, light rain. Not suitable for swimming or bathing. |
| 50m (5 ATM) | Suitable for short periods of recreational swimming. Not for diving. |
| 100m (10 ATM) | Suitable for swimming and snorkeling. |

| Rating | Suitability |
|-----------------|----------------------|
| 200m (20 ATM) + | Suitable for diving. |

Consult your watch's specific water resistance rating on the case back for precise capabilities.

5.3 Servicing

An automatic mechanical watch requires periodic servicing to ensure optimal performance and accuracy. It is recommended to have your Breitling watch serviced by an authorized Breitling service center every 3-5 years. This service typically includes cleaning, lubrication, and adjustment of the movement, as well as replacement of seals to maintain water resistance.

6. TROUBLESHOOTING

Common Issues and Solutions

| Problem | Possible Cause | Solution |
|--|---|--|
| Watch has stopped | Insufficient power reserve. | Manually wind the watch (Section 3.1) or wear it for several hours to allow the automatic movement to wind. |
| Time is inaccurate | Magnetization, impact, or need for service. | Ensure the watch has sufficient power. If inaccuracy persists, consult an authorized service center for demagnetization or adjustment. |
| Date changes at noon | AM/PM setting incorrect. | Advance the time by 12 hours (Section 3.2). |
| Chronograph hands do not reset to zero | Requires adjustment. | This typically requires professional adjustment at a service center. |

If you encounter issues not listed here or if solutions do not resolve the problem, please contact an authorized Breitling service center.

7. SPECIFICATIONS

- **Model:** AB061221/BD93-980A
- **Movement:** Breitling Caliber B06 (Self-winding mechanical chronograph)
- **Functions:** Hours, minutes, small seconds, date, chronograph (1/4th second, 30-minute, 12-hour counters)
- **Case Material:** Stainless Steel (Specifics may vary by edition)
- **Case Diameter:** Refer to product documentation for exact dimensions (e.g., 49mm)
- **Water Resistance:** Refer to case back engraving (e.g., 100 meters / 330 feet)
- **Crystal:** Cambered sapphire, glareproofed on both sides
- **Clasp Type:** Push Button Deployment Clasp
- **Item Weight:** Approximately 15.84 ounces (449 grams)

Note: Specific details such as case diameter and water resistance should be verified against the watch's individual markings or official Breitling documentation.

8. WARRANTY AND SUPPORT

Breitling watches are covered by a limited international warranty against manufacturing defects. The duration and terms of the warranty are specified in the warranty card provided with your watch at the time of purchase. Please retain your warranty card and proof of purchase.

For warranty claims, service, or technical support, please contact an authorized Breitling retailer or a Breitling service center. A list of authorized service centers can typically be found on the official Breitling website.

Important: Unauthorized repairs or modifications will void the warranty.