Ingersoll IN4514RBK

Ingersoll Men's IN4514RBK "San Bernardino" Automatic Watch Instruction Manual

Model: IN4514RBK

Introduction

This manual provides instructions for the Ingersoll Men's IN4514RBK "San Bernardino" Automatic Watch. This timepiece features an automatic self-wind movement, a black etched dial with luminous hands, a visible balance wheel, and multiple calendar functions. Please read this manual carefully to ensure proper use and maintenance of your watch.

Product Overview

The Ingersoll IN4514RBK "San Bernardino" watch combines classic design with an automatic movement. Key features include:

- Automatic self-wind movement, eliminating the need for batteries.
- Black etched dial with luminous hands for visibility in low light.
- Visible balance wheel at 6 o'clock, showcasing the watch's intricate mechanics.
- Day, date, month, and year display functions.
- Durable stainless steel case and mineral crystal dial window.
- Croco-embossed genuine leather band with a deployant buckle closure.
- Water resistance up to 30 meters (99 feet).



Figure 1: Ingersoll IN4514RBK "San Bernardino" watch worn on a wrist, showcasing the black dial, rose gold-tone case, and black leather band.

Setup

Initial Winding and Time Setting

1. **Unpacking:** Carefully remove the watch from its packaging.



Figure 2: The Ingersoll watch presented in its black and white branded box.

2. **Manual Winding:** As an automatic watch, it powers itself through wrist movement. However, for initial setup or if the watch has stopped, it requires manual winding. Gently rotate the crown clockwise approximately 20-30 times until you feel slight resistance. Do not overwind.
3. **Setting the Time:**

- Pull the crown out to its outermost position.
- Rotate the crown to move the hands clockwise until the correct time is displayed.
- Push the crown back into its original position to engage the movement.

4. **Setting the Date, Day, Month, and Year:**
    - The date, day, and month subdials are typically adjusted by pulling the crown to an intermediate position and rotating it, or by using small pushers on the side of the case. Refer to the specific markings on your watch for exact adjustment points.
    - The year indicator is often a manual adjustment, as noted in some product descriptions. Adjust this carefully if applicable.
    - *Avoid adjusting the date/day between 9 PM and 3 AM, as this can damage the movement.*
5. **Adjusting the Band:** The watch features a deployant buckle. Adjust the band length by repositioning the pin within the buckle for a comfortable fit.



Figure 3: Rear view of the Ingersoll IN4514RBK watch, showing the automatic movement through the exhibition case back and the deployant buckle on the leather strap.

Operating the Watch

Automatic Movement

Your Ingersoll IN4514RBK watch is powered by an automatic self-winding mechanical movement. This means it does not

require a battery. The movement is powered by the natural motion of your wrist. When worn regularly, the watch will remain wound. If the watch is not worn for an extended period (typically 36-40 hours), it may stop and will need to be manually wound again as described in the "Setup" section.

Reading the Dial

- **Main Hands:** Hour, minute, and second hands indicate the current time.
- **Subdials:** Dedicated subdials display the day, date, and month.
- **Year Window:** A window at 12 o'clock displays the current year.
- **Balance Wheel:** The open heart design at 6 o'clock allows you to observe the oscillating balance wheel, a key component of the mechanical movement.

Maintenance

Water Resistance

This watch is water-resistant up to 30 meters (99 feet). This rating means the watch is suitable for splashes, rain, or brief immersion in water. It is **not** suitable for swimming, diving, or showering. Always ensure the crown is fully pushed in before any contact with water.

Cleaning

To clean your watch, gently wipe the case and crystal with a soft, dry, lint-free cloth. For the leather band, avoid excessive moisture and harsh chemicals. If the band becomes wet, allow it to air dry naturally, away from direct heat or sunlight.

Storage

When not wearing your watch, store it in a cool, dry place, preferably in its original box or a watch winder to keep the automatic movement running.

Troubleshooting

- **Watch has stopped:**

  This is normal for an automatic watch if it has not been worn for an extended period. Manually wind the watch by rotating the crown clockwise 20-30 times. Wear the watch regularly to keep it wound.

- **Time is inaccurate:**

  Ensure the watch is fully wound. Mechanical watches can have slight variations in accuracy. If the inaccuracy is significant, the watch may require servicing.

- **Date/Day not changing:**

  Check if the time is set correctly (AM/PM). The date/day typically changes around midnight. If manually adjusting, ensure you are not doing so between 9 PM and 3 AM.

- **Condensation under crystal:**

  This indicates moisture has entered the watch. Stop using the watch immediately and seek professional servicing to prevent damage to the movement.

Specifications

Feature	Detail
Model Number	IN4514RBK
Movement Type	Automatic Self-Wind
Display Type	Analog
Case Material	Stainless Steel
Case Diameter	42 Millimeters
Case Thickness	15 Millimeters
Dial Window Material	Mineral Crystal
Band Material	Leather (Calfskin)
Band Color	Black
Band Width	20 Millimeters
Clasp Type	Deployant Clasp
Water Resistance Depth	30 Meters (99 Feet)
Special Features	Luminous Hands, Visible Balance Wheel, Day/Date/Month/Year Display
Item Weight	32 Kilograms *(Note: This weight seems unusually high for a watch and might be a data entry error. Please refer to product packaging for accurate weight.)*



Figure 4: A visual guide illustrating various watch case diameters for size comparison, ranging from 14-16mm to 50-54mm. The

IN4514RBK has a 42mm case diameter.

Warranty and Support

Ingersoll watches typically come with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty terms, duration, and registration, please refer to the warranty card included with your watch or visit the official Ingersoll website. For technical support, repairs, or any inquiries not covered in this manual, please contact the authorized Ingersoll service center or the seller of record.

Warranty type: Contact seller of record.

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