Bergeon BERG-6111

Bergeon 6111 Watch Spring Bar Tool

User Manual

1. Introduction

The Bergeon 6111 Watch Spring Bar Tool is a precision instrument designed for the efficient and safe removal and installation of watch spring bars. Manufactured by Bergeon & Cie, a Swiss company with a long history in watchmaking tools, this multi-function tool incorporates three distinct ends to accommodate various watch band types and spring bar configurations.
This manual provides detailed instructions for the proper use, maintenance, and care of your Bergeon 6111 tool.

2. Product Overview

The Bergeon 6111 tool features a nickel-plated stainless steel handle with knurled grips for secure handling. It is equipped with two primary ends, each designed for specific tasks:

- **Spatula Shaped Fork (4mm wide):** Ideal for pliable straps and larger watch cases, providing leverage for heavier duty spring bars.
- **Reversible End:** This end combines two functions:
  - **Fine V-Tip (1mm diameter):** Suitable for metal bracelets and small spring bars where space is limited.
  - **Pin End (0.8mm diameter):** Used for push pins and recessed buttons.



Figure 1: The Bergeon 6111 Watch Spring Bar Tool, showing its full length and both functional ends.



Figure 2: The Bergeon 6111 tool, highlighting the 'Bergeon No. 6111' engraving on the handle.





Figure 3: Detailed view of the 4mm wide spatula-shaped fork end, designed for broader contact with spring bars.





Figure 4: Detailed view of the reversible end, featuring a fine V-tip and a pin for precise applications.

3. Setup

The Bergeon 6111 tool comes pre-assembled with its standard tips. No initial setup is required beyond familiarizing yourself with the tool's components and their functions.
Ensure the tips are securely seated in their chuck grips before use. Replacement tips (6111-E for the spatula end and 6111-D for the reversible pin/V-blade end) can be installed by unscrewing the knurled chucks, inserting the new tip, and re-tightening.

4. Operating Instructions

4.1. Removing Spring Bars from Leather/Rubber Straps (Spatula End)

1. Identify the 4mm wide spatula-shaped fork end of the tool.
2. Position the watch face down on a soft, non-abrasive surface to protect it from scratches.

3. Carefully insert the spatula fork between the watch lug and the strap, locating the spring bar shoulder.
4. Apply gentle downward pressure to compress the spring bar, allowing it to clear the lug hole.
5. Once one end of the spring bar is disengaged, carefully pivot the strap to release the other end.
6. Remove the strap and spring bar.

4.2. Removing Spring Bars from Metal Bracelets (Fine V-Tip End)

1. Identify the fine V-tip end (1mm diameter) of the reversible tool.
2. Position the watch face down on a soft, non-abrasive surface.
3. Locate the small gap between the metal bracelet end link and the watch lug.
4. Insert the fine V-tip into this gap, aiming for the spring bar shoulder.
5. Apply gentle pressure to compress the spring bar, allowing it to retract from the lug hole.
6. Once one end is free, carefully maneuver the bracelet to release the other end.
7. Remove the bracelet and spring bar.

4.3. Using the Pin End for Recessed Buttons

1. Identify the 0.8mm pin end of the reversible tool.
2. This end is used for activating recessed buttons on watches, such as date correctors or case back release mechanisms.
3. Gently insert the pin into the recessed button and apply light pressure as required by the watch's function.
4. Avoid excessive force to prevent damage to the watch or the tool.

5. Maintenance

- **Cleaning:** Wipe the tool with a soft, dry cloth after each use to remove any oils or debris. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying.
- **Storage:** Store the tool in its original plastic tube or a protective case to prevent damage to the tips and handle. Keep it in a dry environment to avoid corrosion.
- **Tip Replacement:** The tips are designed to be replaceable. If a tip becomes bent, worn, or damaged, it can be easily replaced. Unscrew the knurled chuck holding the tip, remove the old tip, insert the new one, and tighten the chuck securely.
- **Lubrication:** No lubrication is required for the tool's operation.

6. Troubleshooting

Problem	Possible Cause	Solution
Tool slips off spring bar.	Incorrect angle or insufficient pressure; worn tip.	Adjust angle of approach; apply firm, steady pressure; inspect tip for wear and replace if necessary.

Problem	Possible Cause	Solution
Difficulty compressing spring bar.	Spring bar is stiff or stuck; incorrect tip used for application.	Ensure correct tip (spatula for pliable, V-tip for metal) is used. Do not force; if spring bar is seized, professional assistance may be required.
Tip bends or breaks.	Excessive force applied; tip is worn or defective.	Use appropriate force for the task; replace the tip with a genuine Bergeon replacement (6111-D or 6111-E).

7. Specifications

Model Number	BERG-6111
Material	Nickel-plated Stainless Steel
Length	Approximately 5-1/2 inches (148mm)
Spatula Fork Width	4mm
Fine V-Tip Diameter	1mm
Pin End Diameter	0.8mm
Replacement Tips Available	6111-E (Spatula), 6111-D (Reversible Pin/V-Tip)

8. Warranty and Support

Specific warranty information for the Bergeon 6111 Watch Spring Bar Tool is not provided within this manual. For details regarding warranty coverage, product support, or to purchase genuine replacement parts, please refer to the official Bergeon website or contact an authorized Bergeon distributor.

Always ensure you are purchasing genuine Bergeon replacement tips to maintain the quality and performance of your tool.

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