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Bergeon 6825-PF

Bergeon 6825-PF Watch Bracelet Pliers Instruction Manual

Model: 6825-PF

1. Introduction

This manual provides detailed instructions for the safe and effective use of the Bergeon 6825-PF Watch Bracelet Pliers. This specialized tool is designed for the precise insertion and removal of spring bars in watch bracelets, accommodating widths from 10 mm to 30 mm.

2. Safety Information

- Always handle the tool with care to prevent injury.
- Keep out of reach of children.
- Use the tool only for its intended purpose: watch bracelet spring bar manipulation.
- Inspect the tool before each use for any signs of damage. Do not use if damaged.
- Wear appropriate eye protection when performing watch repair tasks.

3. Product Overview

The Bergeon 6825-PF is a high-precision tool crafted from anodized aluminum, featuring hardened, reversible forks. It is specifically engineered to facilitate the insertion and removal of spring bars in watch bracelets.

3.1 Key Features

- Specialized pliers with a stop mechanism for accurate spring bar placement.
- Accommodates wristband widths from 10 mm to 30 mm.
- Hardened, reversible forks with a diameter of 1.40 mm.
- Forks can be set at angles of 0° and 45° for versatility.
- Constructed from durable anodized aluminum.

3.2 Product Components



Figure 1: Bergeon 6825-PF Watch Bracelet Pliers. This image displays the Bergeon 6825-PF tool, highlighting its plier design with two prongs (forks) and the central adjustment screw. The tool is designed for manipulating watch spring bars.

The tool consists of the main plier body, two reversible forks, and an adjustment mechanism for setting the fork width and angle.

4. Setup

1. **Unpack the Tool:** Carefully remove the Bergeon 6825-PF pliers from its packaging.
2. **Inspect Forks:** Ensure the 1.40 mm forks are securely installed. If different forks are required (e.g., 1.00 mm for RLX bracelets, sold separately as Bergeon 6825-XF pins), replace them by carefully unscrewing the existing forks and inserting the new ones.
3. **Adjust Fork Angle:** The forks can be set at 0° (straight) or 45° angles. Adjust by rotating the fork mechanism to the desired position. The 0° setting is generally used for straight spring bar access, while 45° can be useful for angled

lugs or specific bracelet designs.

4. **Prepare Work Area:** Ensure a clean, well-lit, and stable work surface. Place a soft cloth or mat to protect the watch and bracelet from scratches.

5. Operating Instructions

The Bergeon 6825-PF pliers are used to compress and release spring bars, allowing for the removal or installation of watch bracelets.

5.1 Adjusting Fork Width

Before use, adjust the distance between the two forks to match the width of the watch bracelet lugs where the spring bar is located. This is done using the adjustment screw or mechanism on the pliers. The tool supports bracelet widths from 10 mm to 30 mm.

5.2 Removing a Watch Bracelet

1. **Position the Watch:** Place the watch face down on a soft, protective surface.
2. **Align the Pliers:** Carefully position the forks of the Bergeon 6825-PF pliers over the spring bar ends, ensuring each fork engages with one end of the spring bar. The stop mechanism helps in precise alignment.
3. **Compress the Spring Bar:** Gently squeeze the handles of the pliers. This will compress both ends of the spring bar simultaneously, retracting them from the watch lugs.
4. **Remove Bracelet:** Once the spring bar is compressed, carefully lift the bracelet away from the watch case. Release the pliers slowly.
5. **Repeat for Other Side:** If the bracelet has two spring bars (one at each lug), repeat the process for the other side.

5.3 Installing a Watch Bracelet

1. **Insert Spring Bar:** Place the spring bar into the end link of the watch bracelet.
2. **Position Bracelet:** Align one end of the spring bar into one of the watch lugs.
3. **Align the Pliers:** Position the forks of the Bergeon 6825-PF pliers over the exposed end of the spring bar and the opposite watch lug.
4. **Compress and Insert:** Gently squeeze the pliers to compress the spring bar. Guide the bracelet into position between the lugs. Once aligned, slowly release the pliers, allowing the spring bar to expand and snap into the lug holes.
5. **Verify Security:** Gently pull on the bracelet to ensure the spring bar is securely seated in both lug holes.
6. **Repeat for Other Side:** If installing a full bracelet, repeat the process for the other side.

5.4 Special Considerations for RLX Bracelets

For certain RLX (Rolex) watch bracelets, the standard 1.40 mm forks may not be suitable due to smaller spring bar pin diameters. In such cases, it is necessary to use Bergeon 6825-XF pins (1.00 mm diameter), which are sold separately. Ensure you have the correct fork size for your specific watch model to prevent damage.

6. Maintenance

- **Cleaning:** After each use, wipe the pliers with a clean, dry, soft cloth to remove any dust or debris.
- **Storage:** Store the tool in a dry, clean environment, preferably in its original packaging or a protective case, to prevent damage and corrosion.

- **Inspection:** Periodically inspect the forks for wear or bending. Replace worn forks to maintain precision and prevent damage to watch components.

7. Troubleshooting

Problem	Possible Cause	Solution
Difficulty compressing spring bar.	Incorrect fork alignment or width adjustment.	Ensure forks are properly aligned with spring bar ends and the width is correctly set for the bracelet.
Spring bar slips from forks.	Forks are worn or not fully engaging the spring bar.	Inspect forks for wear; replace if necessary. Ensure firm, even pressure is applied.
Scratches on watch case or bracelet.	Lack of protective measures or improper handling.	Always use a protective mat. Exercise caution and precision during operation.
Tool feels stiff or difficult to operate.	Accumulation of dirt or lack of lubrication.	Clean the tool thoroughly. A very small amount of watch oil can be applied to pivot points if necessary, but avoid over-lubrication.

8. Specifications

- **Model:** 6825-PF
- **Brand:** Bergeon
- **Material:** Anodized Aluminum (Handle and Body)
- **Fork Diameter:** 1.40 mm (standard)
- **Adjustable Fork Angles:** 0°, 45°
- **Wristband Width Compatibility:** 10 mm - 30 mm
- **Length:** 95 mm
- **Weight:** 50 g (approx. 63 grams as per some specifications)
- **UPC:** 762319127518

9. Warranty and Support

For warranty information and customer support, please refer to the official Bergeon website or contact your authorized Bergeon dealer. Keep your purchase receipt as proof of purchase.
Manufacturer: Bergeon

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