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> [Weltool](#) /

> [Weltool BB6 Flashlight Body with TC68N Tailcap Instruction Manual](#)

Weltool BB6+TC68N

Weltool BB6 Flashlight Body with TC68N Tailcap Instruction Manual

Model: BB6+TC68N

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Weltool BB6 Flashlight Body and TC68N Tailcap. Please read these instructions carefully before assembly and operation to ensure optimal performance and safety.

PRODUCT OVERVIEW

The Weltool BB6 Flashlight Body, combined with the TC68N Tailcap, is designed to serve as a versatile component for various Weltool lighting systems. It is precision-machined from aviation-grade aluminum, ensuring durability and a lightweight design.

Key Features:

- Compatible with Weltool LH series light heads (e.g., LH1, LH2, LH3, LH5, LH6, LH7, LH8).
- Converts Weltool W35x and W65x series weapon lights into handheld flashlights.
- Designed for use with one 18350 lithium-ion battery.
- Constructed from CNC-machined aviation aluminum.
- Includes a stainless steel pocket clip for convenient carry.
- Available in Black and FDE finishes.



Image: The Weltool BB6 Flashlight Body assembled with an LH1 light head and TC68N tailcap, showcasing its compact form factor.



Image: Two Weltool BB6 flashlight bodies, one in black with an LH2 head and one in FDE with an LH1 head. Note: Light heads are sold separately.

SETUP AND ASSEMBLY

Follow these steps to assemble your Weltool BB6 Flashlight Body with a compatible light head and battery.

1. **Prepare Components:** Ensure you have the BB6 flashlight body, TC68N tailcap, a compatible Weltool LH series light head (e.g., LH1, LH2), and one 18350 lithium-ion battery.
2. **Insert Battery:** Unscrew the TC68N tailcap from the BB6 body. Insert one 18350 lithium-ion battery with the positive (+) terminal facing towards the head of the flashlight body.
3. **Attach Tailcap:** Screw the TC68N tailcap back onto the BB6 body. Ensure it is tightened securely to maintain proper electrical contact and water resistance.

4. **Attach Light Head:** Screw your chosen Weltool LH series light head onto the front of the BB6 body. Tighten firmly.



Image: Detailed views of the BB6 flashlight body and the TC68N tailcap, showing their individual components.

The BB6 body can also be used to convert Weltool W35x and W65x series weapon lights into handheld units by attaching the BB6 body and TC68N tailcap to the weapon light head.

OPERATING INSTRUCTIONS

Once assembled with a compatible light head and battery, the operation of the flashlight will depend on the specific light head and tailcap combination. The TC68N tailcap typically features a tactical switch for momentary and constant-on activation.

- **Momentary Activation:** Lightly press the tailcap switch for temporary illumination. Release to turn off.
- **Constant-On Activation:** Fully press the tailcap switch until it clicks for continuous illumination. Press again to turn off.

Note: Specific modes (e.g., high, medium, low, strobe) are controlled by the attached light head. Refer to the manual for your specific Weltool light head for detailed operating instructions regarding brightness levels and special functions.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your Weltool BB6 Flashlight Body and TC68N Tailcap.

- **Cleaning:** Wipe the exterior of the flashlight body with a clean, soft cloth. Avoid using abrasive cleaners or solvents.
- **Lubrication:** Periodically apply a thin layer of silicone grease to the O-rings and threads to maintain water resistance and smooth operation.
- **Battery Care:** Remove the 18350 battery if the flashlight will not be used for an extended period to prevent potential leakage. Store batteries in a cool, dry place.
- **Inspection:** Regularly check O-rings for wear or damage. Replace if necessary to maintain water resistance. Ensure all connections are clean and free of debris.

TROUBLESHOOTING

If your flashlight is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> Battery inserted incorrectly. Battery depleted. Loose connections (head or tailcap). Dirty contacts. Damaged light head. 	<ul style="list-style-type: none"> Reinsert battery with positive (+) end towards the head. Replace or recharge battery. Tighten light head and tailcap. Clean battery contacts and threads with a clean cloth. Test with a different compatible light head if available.
Intermittent light.	<ul style="list-style-type: none"> Loose connections. Dirty contacts. Faulty battery. 	<ul style="list-style-type: none"> Tighten all components. Clean contacts and threads. Replace battery.

If the issue persists after attempting these solutions, please contact Weltool customer support.

SPECIFICATIONS

Feature	Detail
Model Number	BB6+TC68N
Brand	Weltool
Material	Aviation Aluminum (CNC Machined)
Color	Black (also available in FDE)
Compatible Battery	1 x 18350 Lithium-Ion Battery
Water Resistance Level	Water Resistant
Item Weight	0.05 Kilograms
Included Components	BB6 Flashlight Body, TC68N Tailcap, Stainless Steel Pocket Clip (Light head and battery not included)

WARRANTY INFORMATION

According to the product specifications, there is no explicit manufacturer warranty description provided for this item. Please refer to the retailer's return policy or contact Weltool directly for specific warranty details regarding the BB6 Flashlight Body and TC68N Tailcap.

SUPPORT

For further assistance, technical support, or inquiries regarding your Weltool BB6 Flashlight Body and TC68N Tailcap, please visit the official Weltool website or contact their customer service department.

Weltool Official Website: www.weltool.com

Note: Contact information may vary by region. Please check the official website for the most accurate and up-to-date support details.

