

Super B 881911

Super B T-Shaped Torque Wrench (Model 881911) User Manual

Adjustable Torque: 4/5/6 Nm

1. INTRODUCTION

Thank you for choosing the Super B T-Shaped Torque Wrench, Model 881911. This tool is designed for precise tightening of fasteners on bicycles and other equipment, ensuring components are secured to their recommended torque specifications. Proper use of a torque wrench prevents over-tightening, which can damage parts, and under-tightening, which can lead to component failure. This manual provides essential information for the safe and effective operation, maintenance, and care of your torque wrench.

2. PRODUCT OVERVIEW

The Super B T-Shaped Torque Wrench is a compact and versatile tool featuring a comfortable T-handle design. It offers three fixed torque settings: 4 Nm, 5 Nm, and 6 Nm, which are commonly used for bicycle components. The wrench includes a selection of essential bits conveniently stored within the handle.

2.1 Components

- **T-Shaped Torque Wrench Body:** The main handle and torque mechanism.
- **Bit Holder:** Located at the end of the wrench, designed to securely hold the interchangeable bits.
- **Interchangeable Bits:** Includes 3mm, 4mm, and 5mm Hex (Allen) bits, and a T25 Torx bit.
- **Bit Storage Compartment:** Integrated into the handle for convenient storage of the bits.



Figure 1: Super B T-Shaped Torque Wrench with T25 bit. This image shows the overall design of the wrench with one bit installed.



Figure 2: Super B T-Shaped Torque Wrench with its interchangeable bits displayed. The bits are shown removed from their storage compartment, highlighting the 3mm, 4mm, 5mm Hex, and T25 Torx bits.

3. SAFETY INFORMATION

- Always wear appropriate safety gear, such as eye protection, when using tools.
- Ensure the correct bit size is selected for the fastener to prevent stripping or damage.
- Do not use the torque wrench as a pry bar or hammer.
- Do not exceed the maximum torque setting of 6 Nm.
- Keep the tool clean and free from grease or oil to maintain a secure grip.
- Store the torque wrench in a dry place, away from direct sunlight and extreme temperatures.

4. SETUP

4.1 Selecting and Inserting Bits

1. Identify the correct bit size required for your fastener (e.g., 4mm Hex, T25 Torx).
2. Retrieve the desired bit from the storage compartment located at the end of the handle. To access, gently pull the end cap off the handle.
3. Insert the chosen bit firmly into the magnetic bit holder at the working end of the torque wrench until it is fully seated.



Figure 3: Close-up of the wrench handle, illustrating the integrated bit storage. The end cap can be removed to access the bits.

4.2 Setting Torque

This torque wrench features fixed torque settings of 4 Nm, 5 Nm, and 6 Nm. The desired torque is selected by rotating the orange collar near the bit holder. Align the indicator mark on the collar with the desired Newton-meter (Nm) value printed on the wrench body.



Figure 4: Top-down view of the wrench, highlighting the adjustable orange collar for selecting torque settings (4 Nm, 5 Nm, 6 Nm).

5. OPERATING INSTRUCTIONS

1. **Prepare the Fastener:** Ensure the fastener and its threads are clean and free of debris. Apply thread compound or grease if recommended by the component manufacturer.
2. **Select Torque and Bit:** As described in Section 4, select the appropriate bit and set the wrench to the required torque value (4, 5, or 6 Nm).
3. **Engage the Fastener:** Place the bit squarely into the head of the fastener. Ensure it is fully engaged to prevent cam-out.
4. **Apply Force:** Hold the T-handle firmly and apply smooth, steady pressure in a clockwise direction for tightening.

5. **Listen for the Click:** Continue applying pressure until you feel and hear a distinct "click" from the wrench. This indicates that the preset torque has been reached.
6. **Stop Applying Force:** Immediately stop applying force once the click is heard. Do not continue to tighten the fastener further, as this will over-torque it.
7. **Remove Wrench:** Remove the wrench from the fastener.

For loosening fasteners, this torque wrench can be used as a standard T-handle wrench. However, do not use the torque mechanism for loosening, as this can affect its calibration.

6. MAINTENANCE

- **Cleaning:** After each use, wipe the wrench body and bits with a clean, dry cloth to remove any dirt, grease, or moisture. Do not use harsh chemicals or solvents.
- **Storage:** Store the torque wrench and its bits in a dry, clean environment. The integrated bit storage helps keep the bits organized and protected.
- **Calibration:** Torque wrenches are precision instruments. While this model is designed for durability, periodic calibration checks by a qualified service center are recommended for professional users or if accuracy is critical.

7. TROUBLESHOOTING

- **Wrench does not click:** Ensure the torque setting is correctly aligned. If the fastener is already at or above the set torque, the wrench will not click. Verify the fastener's required torque.
- **Bit is stuck in fastener:** Ensure the bit is fully seated in the wrench's bit holder. Apply firm, even pressure when engaging the fastener. If a bit is stuck, gently wiggle and pull to remove.
- **Inaccurate readings (suspected):** If you suspect the wrench is not providing accurate torque, discontinue use for critical applications and consider having it checked for calibration.

8. SPECIFICATIONS

Model Number	881911
Brand	Super B
Torque Settings	4 Nm, 5 Nm, 6 Nm (Adjustable)
Included Bits	3mm Hex, 4mm Hex, 5mm Hex, T25 Torx
Material	Alloy Steel
Color	Black
Item Length	10 Centimeters
Item Weight	225 Grams
Operation Mode	Mechanical

9. WARRANTY AND SUPPORT

This Super B T-Shaped Torque Wrench comes with a **90-Day Limited Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact Super B customer service or refer to the official Super B website for contact information.

For more information, visit the [Super B Store on Amazon](#).