

uxcell US-SA-AJD-280664

uxcell T27 Torx Screwdriver User Manual

Model: US-SA-AJD-280664 | Brand: uxcell

1. PRODUCT OVERVIEW

The uxcell T27 Torx Screwdriver is a specialized hand tool designed for tightening or loosening Torx fasteners. It features a T-handle for enhanced grip and torque, and a durable CR-V (Chrome Vanadium) alloy steel shaft. The shaft measures 5.2 inches (133mm) in length and is chrome plated for resistance against rust and wear. This tool is suitable for various repair tasks, including work on housing, equipment, game controllers, and automobiles.



Figure 1.1: The uxcell T27 Torx Screwdriver, showcasing its T-handle design and the long shaft with the T27 Torx head. The handle is ergonomically designed in black and yellow for comfortable use and efficient torque application.

2. SAFETY INFORMATION

Always prioritize safety when using hand tools. Failure to follow these guidelines may result in injury or damage to the tool or workpiece.

- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Proper Tool Selection:** Use the correct size and type of screwdriver for the fastener. Using an

incorrect size can strip the fastener or damage the tool.

- **Inspect Tool:** Before each use, inspect the screwdriver for any signs of damage, such as a bent shaft or worn tip. Do not use damaged tools.
- **Secure Workpiece:** Ensure the item you are working on is stable and secured to prevent movement during operation.
- **Avoid Over-Torquing:** Do not apply excessive force that could cause the tool to slip or break.
- **Storage:** Store the tool in a dry, safe place away from children and unauthorized users.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

3. SETUP

The uxcell T27 Torx Screwdriver requires minimal setup before use. It is ready for immediate application upon unboxing.

1. **Unpack:** Carefully remove the screwdriver from its packaging.
2. **Initial Inspection:** Visually inspect the tool for any manufacturing defects or shipping damage. Ensure the shaft is straight and the Torx head is intact.
3. **Familiarization:** Hold the T-handle to understand its ergonomic design and how it provides leverage.



Figure 3.1: A side view of the uxcell T27 Torx Screwdriver, highlighting the length of the shaft and the T-handle. This perspective helps in understanding the tool's reach and overall dimensions for various applications.

4. OPERATING INSTRUCTIONS

This screwdriver is designed for efficient engagement with T27 Torx fasteners. Follow these steps for optimal performance and safety:

1. **Identify Fastener:** Ensure the fastener you intend to work with is a T27 Torx type. The screwdriver's head is specifically designed for this size.

2. **Insert Tip:** Align the Torx head of the screwdriver with the recess in the fastener. Insert the tip fully into the fastener to ensure a secure fit and prevent cam-out.
3. **Apply Pressure and Turn:** With firm, steady pressure, rotate the T-handle. Turn clockwise to tighten the fastener and counter-clockwise to loosen it. The T-handle design allows for greater leverage and comfort.
4. **Maintain Control:** Keep a firm grip on the handle throughout the operation. Avoid sudden jerks or excessive force that could cause the tool to slip.
5. **Alternate Use:** The screwdriver also features a shorter shaft extending from the end of the T-handle, providing an alternative grip for situations requiring less torque or different access angles.



Figure 4.1: A detailed view of the ergonomic T-handle of the uxcell T27 Torx Screwdriver. This image highlights the comfortable grip and the secondary short shaft extending from the handle, offering versatility in use.

5. MAINTENANCE

Proper maintenance will extend the life of your uxcell T27 Torx Screwdriver and ensure its continued performance.

- **Cleaning:** After each use, wipe the screwdriver clean with a dry cloth to remove any dirt, grease, or debris. For stubborn grime, a mild detergent and water can be used, followed by thorough

drying.

- **Rust Prevention:** The chrome-plated finish provides good rust resistance. However, if the tool is exposed to moisture, ensure it is completely dry before storage. A light coat of rust-inhibiting oil can be applied to the metal shaft if storing in humid conditions.
- **Storage:** Store the screwdriver in a tool box, drawer, or on a tool rack where it is protected from impacts and moisture. Avoid storing it in direct sunlight or extreme temperatures.
- **Inspection:** Periodically inspect the Torx head for wear or damage. A worn head can lead to stripping fasteners. If significant wear is observed, consider replacing the tool.

6. TROUBLESHOOTING

Below are common issues and their potential solutions when using the T27 Torx Screwdriver.

Problem	Possible Cause	Solution
Screwdriver slips or cam-out occurs	Incorrect fastener size; Worn screwdriver tip; Insufficient pressure; Fastener is stripped.	Ensure fastener is T27 Torx; Inspect screwdriver tip for wear; Apply firm, consistent downward pressure; If fastener is stripped, use a screw extractor.
Cannot loosen/tighten fastener	Fastener is seized/rusted; Insufficient torque applied.	Apply penetrating oil to seized fasteners; Ensure full engagement of the tip; Use the T-handle for maximum leverage.
Tool feels uncomfortable during prolonged use	Improper grip; Excessive force.	Adjust grip on the ergonomic T-handle; Ensure you are not over-torquing; Take breaks during long tasks.

7. SPECIFICATIONS

Detailed technical specifications for the uxcell T27 Torx Screwdriver.

Feature	Specification
Model Number	US-SA-AJD-280664
Head Style	Torx (T27)
Shaft Length	5.2 inches (133mm)
Material	CR-V (Chrome Vanadium) Alloy Steel
Finish	Chrome Plated
Handle Material	Plastic (Ergonomic T-handle)
Color	Chrome Yellow

Feature	Specification
Item Weight	3.52 ounces
Product Dimensions (L x W x H)	7.87 x 4.72 x 0.79 inches



Figure 7.1: A magnified view of the T27 Torx head of the screwdriver. This image clearly shows the six-point star shape with a security pin recess, indicating its compatibility with security Torx fasteners.

8. WARRANTY AND SUPPORT

For any questions regarding the uxcell T27 Torx Screwdriver, including product performance, defects, or general inquiries, please contact uxcell customer support. Specific warranty details may vary and are typically provided at the point of purchase or on the official uxcell website. Please retain your proof of purchase for any warranty claims.

For further assistance, visit the official uxcell store on Amazon:[uxcell Store](#)