

HOTO QWLSD012

HOTO Electric Precision Screwdriver Kit (Model QWLSD012) - Instruction Manual

Brand: HOTO | **Model:** QWLSD012

This manual provides detailed instructions for the safe and effective use of your HOTO Electric Precision Screwdriver Kit. Please read thoroughly before operation.

1. INTRODUCTION

The HOTO Electric Precision Screwdriver Kit is a comprehensive toolset designed for delicate electronics repair and various precision tasks. It features a magnetic case, 26 S2 steel precision bits, and a range of auxiliary tools to facilitate intricate work.

Key features include a rechargeable electric screwdriver with dual-torque settings, an integrated contact charging system, and a shadow-free LED light for enhanced visibility. The kit is optimized for portability and organization, making it suitable for repairing watches, phones, tablets, laptops, cameras, drones, and gaming devices.



Figure 1.1: Overview of the HOTO Electric Precision Screwdriver Kit and its components.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your kit:

- 1x Electric Precision Screwdriver
- 1x Magnetic Storage Case (doubles as workstation)
- 26x S2 Steel Precision Bits (various sizes and types)
- 6x Spudgers (various types)
- 5x Opening Picks
- 2x Tweezers (blunt and angled)
- 1x Suction Cup
- 1x Pry Knife
- 1x Magnetic Pad
- 1x Anti-static Wrist Strap
- 1x USB-C Charging Cable

- 1x User Manual (this document)

HOTO

Here at HOTO we make cool tools to help everyone bring their projects to life, from beginners to sea-soned professionals.

HOTO Stands for

Professional Quality

Precision Powered by Excellence

Intuitive

Effortless Control, Seamless Operartion

Aesthetics

Artful Ingenuity, Functional Beauty

Figure 2.1: Detailed breakdown of the kit's contents, including the electric screwdriver, various bits, and auxiliary tools.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the electric screwdriver. The magnetic case features an innovative contact charging system. Simply place the screwdriver into its designated slot within the charging dock. Connect the provided USB-C cable to the case and a suitable power source (e.g., USB wall adapter, computer USB port).

Versatile Electric Screwdriver

- 1** Inbox charging
- 2** Circular LED shadowless light
- 3** One-press switch-on
 - ^ Reverse rotation button
 - ✓ Forward rotation button
- 4** Dual-torque level
 - I: $0.05 \pm 0.03 \text{ N}\cdot\text{m}$
 - II: $0.2 \pm 0.08 \text{ N}\cdot\text{m}$



Figure 3.1: The electric screwdriver charging within its magnetic case. The USB-C port is located on the case.

3.2 Attaching Bits

Select the appropriate S2 steel precision bit for your task. The bits are magnetically held in place within the screwdriver's chuck for quick and easy changes. Simply insert the desired bit firmly into the opening at the tip of the screwdriver.

Multifunctional

It caters to all your needs with 20 short and 6 long tough and resilient S2 steel bits



Figure 3.2: Inserting a precision bit into the electric screwdriver. The magnetic tip ensures a secure fit.

3.3 Using the Anti-static Wrist Strap

For sensitive electronic components, use the anti-static wrist strap to prevent electrostatic discharge (ESD) damage. Attach the wrist strap to your wrist and clip the other end to a grounded metal object or the anti-static mat provided in some workstation setups.

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Video 3.1: Demonstration of the anti-static wrist strap and its connection to the workstation for safe electronics repair. (Source: Brad's Projects and Stuff, Influencer)

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Direction Control

The electric screwdriver features a one-press switch-on button. Use the arrow buttons (up/down) to control the rotation direction (forward for tightening, reverse for loosening). The LED light will illuminate automatically when the screwdriver is in operation, providing shadow-free illumination.

Magnetic Design

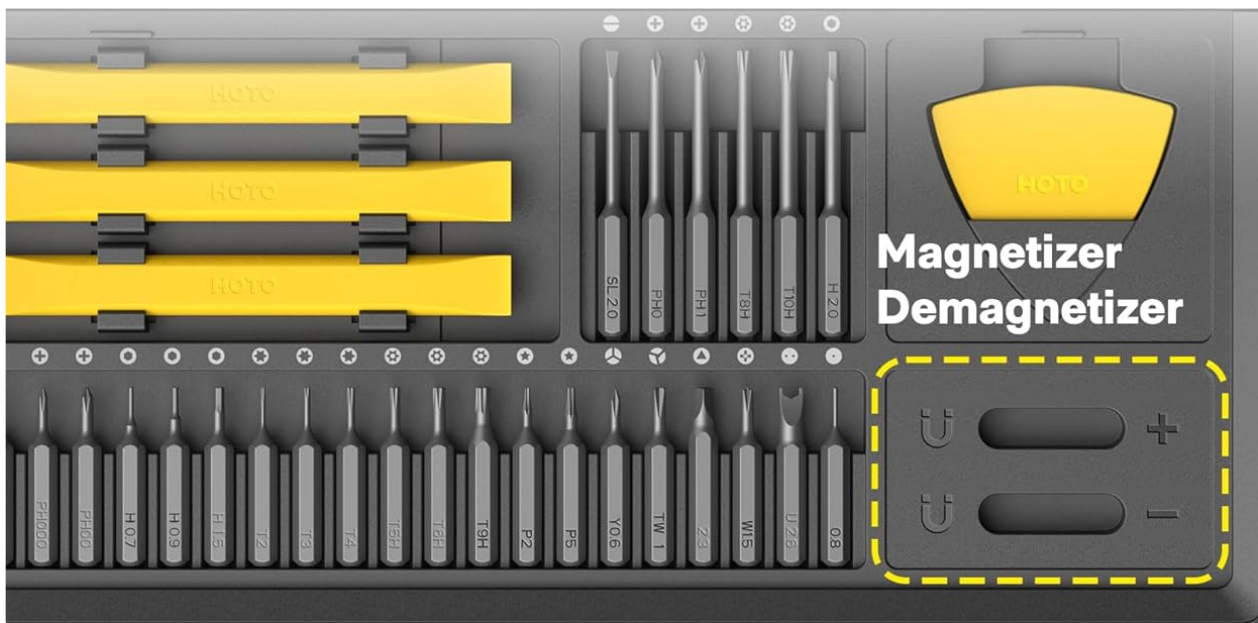


Figure 4.1: The electric screwdriver's controls for power, direction, and the integrated LED light.

4.2 Torque Settings

The screwdriver offers two torque settings for precision control:

- **Low Torque (I):** 0.05 N·m (± 0.03 N·m) - Ideal for very delicate components.
- **High Torque (II):** 0.2 N·m (± 0.08 N·m) - For slightly more resistant screws.

Select the appropriate torque level by rotating the collar at the base of the screwdriver. Always start with the

lower torque setting and increase if necessary to avoid damaging components.

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Video 4.1: Review and demonstration of the HOTO Electric Precision Screwdriver, highlighting its features and use for small repairs.
(Source: Suzette and Jacob, Influencer)

4.3 Using Auxiliary Tools

The kit includes various tools for specific tasks:

- **Spudgers and Pry Knife:** Use these non-marring tools to safely open electronic device casings without causing damage.
- **Opening Picks:** Thin plastic picks for separating tight seams and clips.
- **Tweezers:** For handling small components and wires with precision.
- **Suction Cup:** To assist in lifting screens or panels.

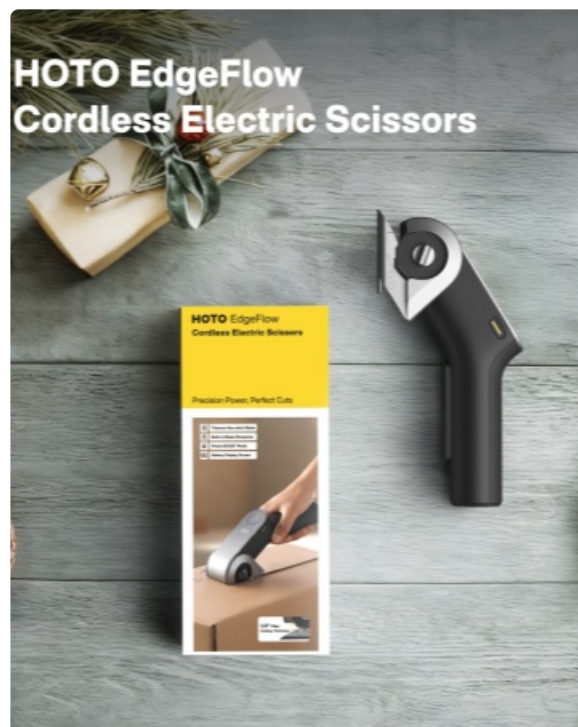


Figure 4.2: Using a spudger to carefully open an electronic device casing.

5. MAINTENANCE

5.1 Cleaning

Wipe the screwdriver and bits with a dry, soft cloth after each use to remove dust and debris. Avoid using liquid cleaners or solvents, as these may damage the tool or its components.

5.2 Bit Storage and Organization

Always return bits to their designated slots in the magnetic storage case to prevent loss and maintain organization. The magnetic pad within the case can also be used to temporarily hold screws and small parts during repair.

Handy & Portable



The size of this product is similar to a 10.9-inch tablet, making it easy to carry and use.

Figure 5.1: The organized layout of bits and tools within the magnetic storage case.

5.3 Magnetizing/Demagnetizing Bits

The magnetic case includes dedicated zones for magnetizing and demagnetizing screwdriver bits. If a bit loses its magnetic strength, rub it against the "magnetize" zone. To demagnetize, rub it against the "demagnetize" zone.

All-in-One

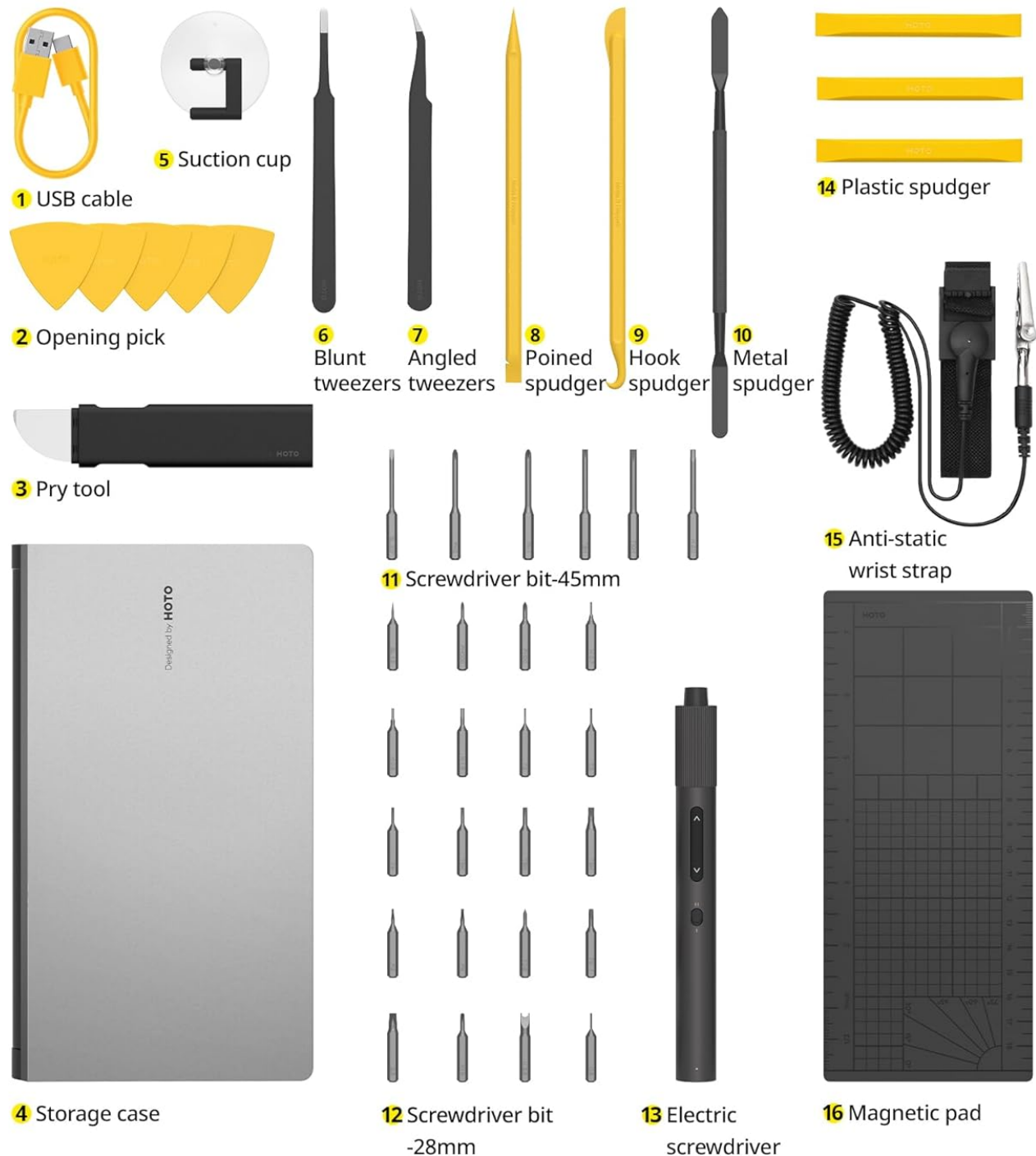


Figure 5.2: The magnetic tip of the screwdriver securely holding a small screw, a feature enhanced by the magnetizing zone.

6. TROUBLESHOOTING

- **Screwdriver not turning on:** Ensure the screwdriver is fully charged. If the issue persists, contact customer support.
- **Bits slipping:** Ensure the correct bit size and type are used for the screw. Verify the bit is fully inserted into the chuck. If the bit is worn, replace it.
- **Screws not holding to bit:** Use the magnetizing zone in the case to re-magnetize the bit.
- **Difficulty opening device casing:** Ensure you are using the correct spudger or pry tool for the specific device. Apply gentle, even pressure.

7. SPECIFICATIONS

Manufacturer	HOTO
Model Number	QWLSD012
Product Dimensions	21.15 x 12.18 x 2.65 cm
Item Weight	640 g
Power Source	Battery Powered
Battery Type	1 Lithium Ion battery (included)
Voltage	5 Volts
Material	Tool Steel (bits)
Special Features	Electric, Magnetic Tip, LED Light, Dual Torque (0.05 N·m & 0.2 N·m)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official HOTO website or contact the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

Manufacturer: HOTO

For additional support, visit the [HOTO Store on Amazon](#).