

JAKEMY FO167

JAKEMY Smart 3 Torque Cordless Electric Screwdriver Kit - Instruction Manual

Model: FO167

1. INTRODUCTION

This instruction manual provides detailed information on the operation, maintenance, and safety precautions for your JAKEMY Smart 3 Torque Cordless Electric Screwdriver Kit, Model FO167. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Figure 1: JAKEMY Smart 3 Torque Cordless Electric Screwdriver Kit (Closed)

2. PACKAGE CONTENTS

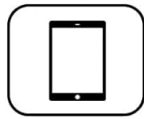
Verify that all items listed below are included in your package:

- Electric Screwdriver Unit
- 160 Precision Screwdriver Bits (various types and sizes)
- 8 Electronic Screen Removal Tools
- Extension Shaft
- Bit Adapter
- ESD Straight Tweezers
- ESD Curved Tweezers
- Screen Crowbar
- Opening Picks (multiple)
- Suction Cup
- USB Charging Cable
- Storage Case

ALL YOU NEED IS THIS MULTIFUNCTIONAL SCREWDRIVER REPAIR KIT



Computer



Tablet



Laptop



Iwatch



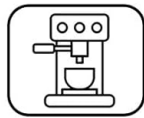
MacBook



Iphone



Glasses



Coffeemaker



Microwave
Oven



UAV



Camera



Xbox



Can be held in one hand



Can be stacked like containers



Can be decorated with fridge magnets

Figure 2: All components included in the kit.

3. PRODUCT OVERVIEW

3.1 Electric Screwdriver Unit

The core of the kit is the cordless electric screwdriver, designed for precision tasks. It features an ergonomic design for comfortable handling and a digital display for settings.

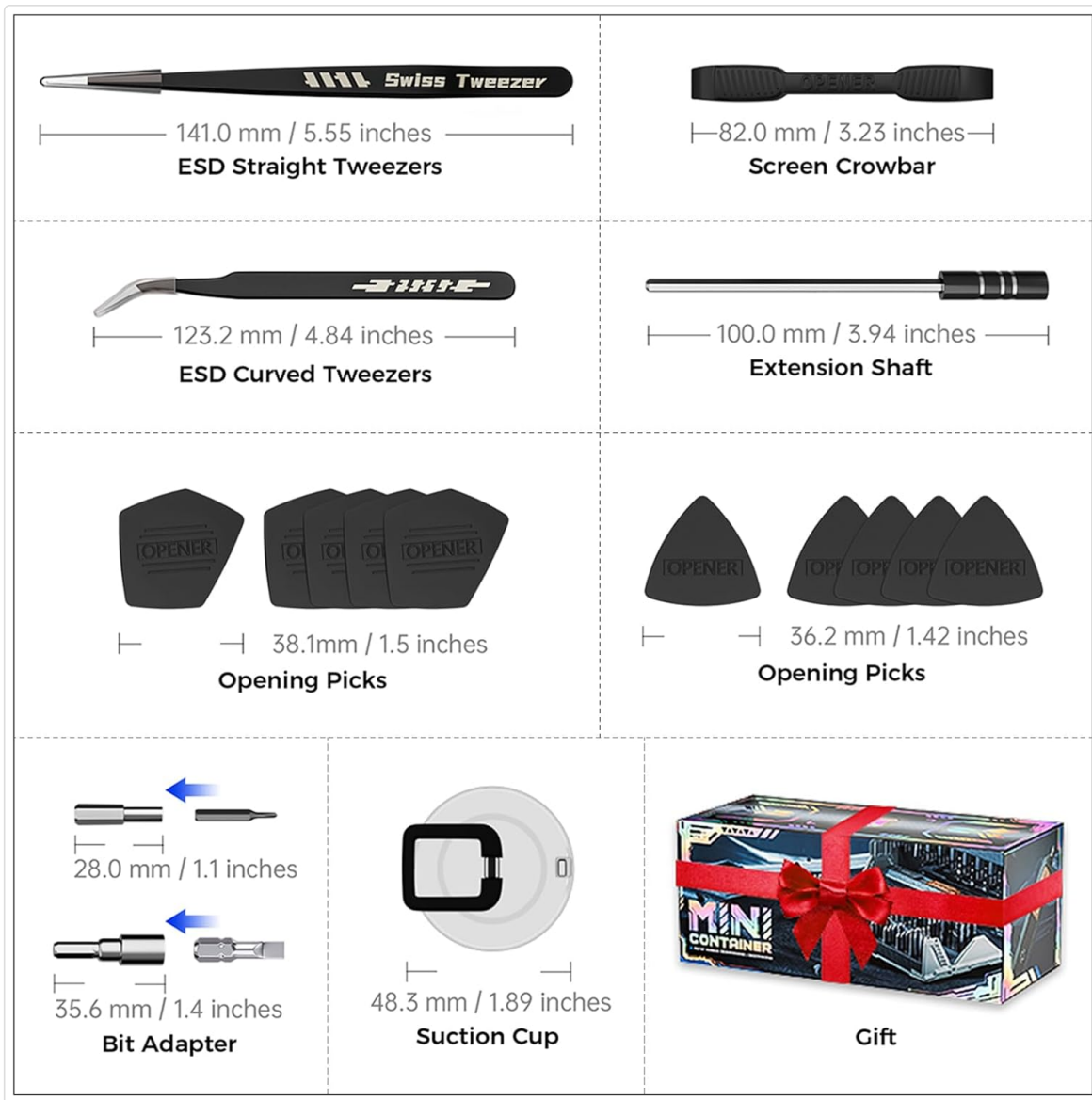


Figure 3: Electric Screwdriver Unit with display and controls.

3.2 Precision Bit Set

The kit includes 160 precision screw bits made from CR-V steel (HRC52-58), organized in four partitions within the case. These magnetic bits cover 26 types, including Torx, Hex, Phillips, Slotted, Pentalobe, Socket, Triangle, Triwing, U-type, and Square, suitable for various electronic devices.



RATED VOLTAGE

3.7 *v*

BATTERY CAPACITY

500 *mAh*

REVOLUTIONS PER MINUTE

190 *rpm*

WORKING TIME

ABOUT 100 - 200 MIN

CHARGE TIME

ABOUT 100 MIN

STANDBY TIME

ABOUT 3 - 6 MONTHS



A BETTER FEEL IN REPAIR WORK
Slid to a suitable position for different sized hands.

Figure 4: Selection of precision screwdriver bits.

3.3 Additional Accessories

The kit also contains essential tools for electronic repair, such as ESD tweezers for handling delicate components, pry tools for opening device casings, an extension shaft for reaching deep screws, and a suction cup for screen removal.

| | | | | | | | | | | | | | |
|---|-----|---|---------|---|-------|---|-------|---|---------|---|-------|---|--------|
| + | 1.0 | + | 2.5 | + | M 2.5 | + | Y 0.8 | + | U 1.7 | + | T 8H | + | H 2.0 |
| + | 1.0 | + | 2.5 | + | M 3.0 | + | Y 0.8 | + | U 2.0 | + | T 9H | + | H 2.5 |
| + | 1.5 | + | 3.0 | + | M 3.5 | + | Y 0.8 | + | U 2.0 | + | T 10H | + | H 3.0 |
| + | 1.5 | + | 3.0 | + | M 4.0 | + | Y 2.0 | + | U 2.6 | + | T 15H | + | H 3.5 |
| + | 1.5 | + | 3.5 | + | M 4.5 | + | Y 2.0 | + | U 2.6 | + | T 20H | + | H 4.0 |
| + | 2.0 | + | 3.5 | + | M 5.0 | + | Y 2.5 | + | U 3.0 | + | T 25H | + | H 4.5 |
| + | 2.0 | + | 4.0 | + | T 5 | + | Y 2.5 | + | U 8 | + | 0.8 | + | H 5.0 |
| + | 2.5 | + | 4.0 | + | T 6 | + | Y 3.0 | + | U 10 | + | 0.8 | + | H 6.0 |
| + | 2.5 | + | 4.5 | + | T 7 | + | Y 3.0 | + | SQ 0 | + | 0.8 | + | PZ 00 |
| + | 3.0 | + | 5.0 | + | T 8 | + | Y 3.5 | + | SQ 1 | + | 1.2 | + | PZ 0 |
| + | 3.0 | + | IN PH 2 | + | T 9 | + | Y 3.5 | + | SQ 2 | + | 1.2 | + | PZ 1 |
| + | 3.0 | + | IN PH 2 | + | T 10 | + | AWL | + | SQ 3 | + | 1.2 | + | PZ 2 |
| + | 3.5 | + | T 1 | + | T 15 | + | M 5.5 | + | J 000 | + | 1.5 | + | YP 4.5 |
| + | 3.5 | + | T 1 | + | T 20 | + | G 3.8 | + | J 00 | + | 1.5 | + | EX #6 |
| + | 1.0 | + | T 1 | + | 1/16 | + | G 4.5 | + | J 0 | + | 1.5 | + | EX #7 |
| + | 1.0 | + | T 2 | + | 1/8 | + | ü | + | J 1 | + | 2.0 | + | EX #8 |
| + | 1.3 | + | T 2 | + | 3/32 | + | PH2 | + | SIM 0.8 | + | 2.0 | + | EX #9 |
| + | 1.3 | + | T 2 | + | 5/32 | + | OVAL | + | SIM 1.0 | + | H 0.7 | + | EX #10 |
| + | 1.5 | + | T 3 | + | 5/64 | + | 2.0 | + | + 1.5 | + | H 0.7 | + | DR #6 |
| + | 1.5 | + | T 3 | + | 7/64 | + | 2.3 | + | + 1.5 | + | H 0.9 | + | DR #7 |
| + | 2.0 | + | T 4 | + | 9/64 | + | 2.6 | + | T 6H | + | H 0.9 | + | DR #8 |
| + | 2.0 | + | T 4 | + | PRY | + | 3.0 | + | T 7H | + | H 1.3 | + | DR #9 |
| | | | | | | | | | | + | H 1.5 | + | DR #10 |

Figure 5: Included accessories for electronic repair.

4. SETUP

4.1 Charging the Electric Screwdriver

1. Locate the USB charging port on the screwdriver unit.
2. Connect the provided USB charging cable to the screwdriver and a compatible power source (e.g., power bank or charging plug with an output current no higher than 2A).
3. The battery indicator on the screwdriver's display will show charging progress. A full charge takes approximately 1.5 hours.
4. **Note:** To protect the motor and extend battery life, this screwdriver does not support PD protocol. Ensure your charger meets the specified output current.

4.2 Inserting Screwdriver Bits

1. Select the appropriate precision bit for your task from the organized bit set.
2. Gently insert the chosen bit into the magnetic chuck of the electric screwdriver unit until it is securely seated.

3. To remove a bit, simply pull it out from the chuck.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button (usually marked with a circle or power symbol) to turn the screwdriver on or off. The display will illuminate upon activation.

5.2 Adjusting Torque Settings

The screwdriver features three adjustable torque settings for optimal control:

- **1st Gear:** 0.12 to 0.16 N·m (for delicate tasks)
- **2nd Gear:** 0.16 to 0.20 N·m (for general use)
- **3rd Gear:** 0.20 to 0.30 N·m (for tighter screws)

Press the torque adjustment button (often marked with a gear or similar icon) to cycle through the settings. The current setting will be displayed on the screen.

5.3 Forward and Reverse Operation

Use the designated buttons for forward (tightening) and reverse (loosening) rotation. Typically, one button is for tightening (e.g., 'O' or arrow pointing right) and another for loosening (e.g., 'X' or arrow pointing left).

For manual tightening or loosening beyond the electric torque, the square handle design allows for increased manual torque up to 3 N·m (30.0 kgf·cm).

6. MAINTENANCE

- **Cleaning:** Wipe the screwdriver unit and bits with a dry, soft cloth after each use to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Bit Care:** Ensure bits are clean and free of damage. Replace worn or damaged bits to prevent stripping screws.
- **Storage:** Store the kit in its original case in a cool, dry place, away from direct sunlight and moisture, to protect the components and prolong their lifespan.
- **Battery:** For long-term storage, charge the battery to approximately 50% to maintain battery health.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|--|---|--|
| Screwdriver not turning on. | Low battery or no charge. | Charge the screwdriver using the provided USB cable and a compatible charger (max 2A output). |
| Bits are slipping or stripping screws. | Incorrect bit size/type or worn bit. Torque setting too low/high. | Ensure the correct bit is used and fully inserted. Replace worn bits. Adjust torque setting as needed. |
| Screwdriver not charging. | Incompatible charger (PD protocol) or faulty cable. | Use a standard USB charger with max 2A output. Check cable for damage. |

8. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---|
| Brand | JAKEMY |
| Model Name | FO167 |
| Number of Items | 180 (including bits and accessories) |
| Head Style | Phillips, Slotted, Torx, Torx Security, Hex, Star, Socket, Gamebit, Tri-Wing, Tri-Angle, JIS, Drill, Extractor, U-shape, Square, Pozidriv, Standoff, PH2, In PH2, PRY, AWL, OVAL, Etc |
| Material | CR-V Bit & ABS Box |
| Power Source | Battery Powered (1 Lithium Ion battery included) |
| Voltage | 3.7 Volts |
| Torque | 0.12 to 0.30 N·m (electric), up to 3 N·m (manual) |
| Speed | 190 RPM |
| Battery Capacity | 500 mAh |
| Charging Time | Approx. 1.5 hours |
| Continuous Working Time | Approx. 120 minutes |

| Feature | Detail |
|-----------------------------|--|
| Standby Time | Approx. 180 days |
| Item Dimensions (L x W x H) | 7.09 x 3.08 x 2.91 inches (180 x 78 x 75 mm) |
| Item Weight | 2.25 pounds (1.02 Kilograms) |

9. WARRANTY AND SUPPORT

JAKEMY provides a 30-day free refund or replacement policy and a Lifetime Warranty from the date of purchase for this electric screwdriver kit. For any questions, issues, or support needs, please contact the JAKEMY sales team directly. They are available to offer timely and helpful solutions. For further assistance, please visit the official JAKEMY store or contact customer service through your purchase platform.