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## ORIA OUS-HA11-O52118

# ORIA Precision Screwdriver Set

Model: OUS-HA11-O52118

Instruction Manual

## 1. INTRODUCTION

This manual provides instructions for the ORIA Precision Screwdriver Set, an 86-piece repair tool kit designed for disassembling and repairing various electronic devices. The kit includes a wide array of precision bits and specialized tools to facilitate intricate repair tasks.

## 2. PACKAGE CONTENTS

The ORIA Precision Screwdriver Set includes the following components:

- 1x Screwdriver Handle
- 57x Precision Bits (detailed list below)
- 4x Plastic Opening Tools (Spudgers)
- 3x ESD Tweezers
- 3x Metal Spudgers
- 3x Thin Triangles (Plectrums)
- 2x Thick Triangles (Plectrums)
- 2x Black Crowbars
- 1x Utility Knife
- 1x Spudger
- 1x Scraper
- 1x Metal Ruler
- 1x Cleaning Cloth
- 1x Cleaning Brush
- 1x Anti-Static Wrist Strap
- 1x SIM Card Ejector Pin
- 1x LCD Suction Cup

### 2.1. Precision Bit Specifications

The 57 precision bits are made from CRV steel, offering durability and hardness (HRC52-56).

Bit Type	Sizes Included	Quantity
Hex	0.7, 0.9, 1.0, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0	10
Flathead	1.0, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0	8
Nut Driver	2.5, 3.0, 3.5, 4.0, 4.5, 5.0	6
Phillips	PH000, PH00, PH0, PH1, PH2	5
Torx Security	TR8, TR9, TR10, TR15, TR20	5
Torx	T3, T4, T5, T6, T7	5
Pozidriv	000, 00, 0, 1, 2	5
Square	SQ0, SQ1	2
Tri-point	2.0, 3.0, 0.6	3
Triangle	2.0, 2.3	2
Pentalobe	0.8, 1.2	2
SIM Eject Bit	N/A	1
Spanner	U2.6	1
MID Bit	N/A	1



Figure 2.1: Screwdriver handle and various precision bits.



Figure 2.2: Auxiliary tools including spudgers, tweezers, and cleaning accessories.

### 3. SETUP AND ASSEMBLY

The ORIA Precision Screwdriver Set is designed for quick and easy assembly.

- Selecting a Bit:** Identify the appropriate bit from the 57 available options for your specific screw type and size.
- Inserting the Bit:** Gently push the selected bit into the magnetic tip of the screwdriver handle until it is securely seated. The magnetic tip will hold the bit in place.
- Using the Extension Rod:** For screws in deeper locations, insert the extension rod into the screwdriver handle, then insert the desired bit into the extension rod.
- Using the Flexible Shaft:** For screws in hard-to-reach or angled positions, attach the flexible shaft to the screwdriver handle, and then insert the bit into the flexible shaft. This allows for bending and maneuvering the bit around obstacles.

Magnetic Force



Anti-skid Handle



Flexible Shaft



Extension Rod



Figure 3.1: Demonstrates magnetic force, anti-skid handle, flexible shaft, and extension rod usage.

## 4. OPERATING INSTRUCTIONS

This precision tool kit is suitable for repairing various electronic devices such as smartphones, tablets, laptops, game consoles, watches, glasses, and cameras.

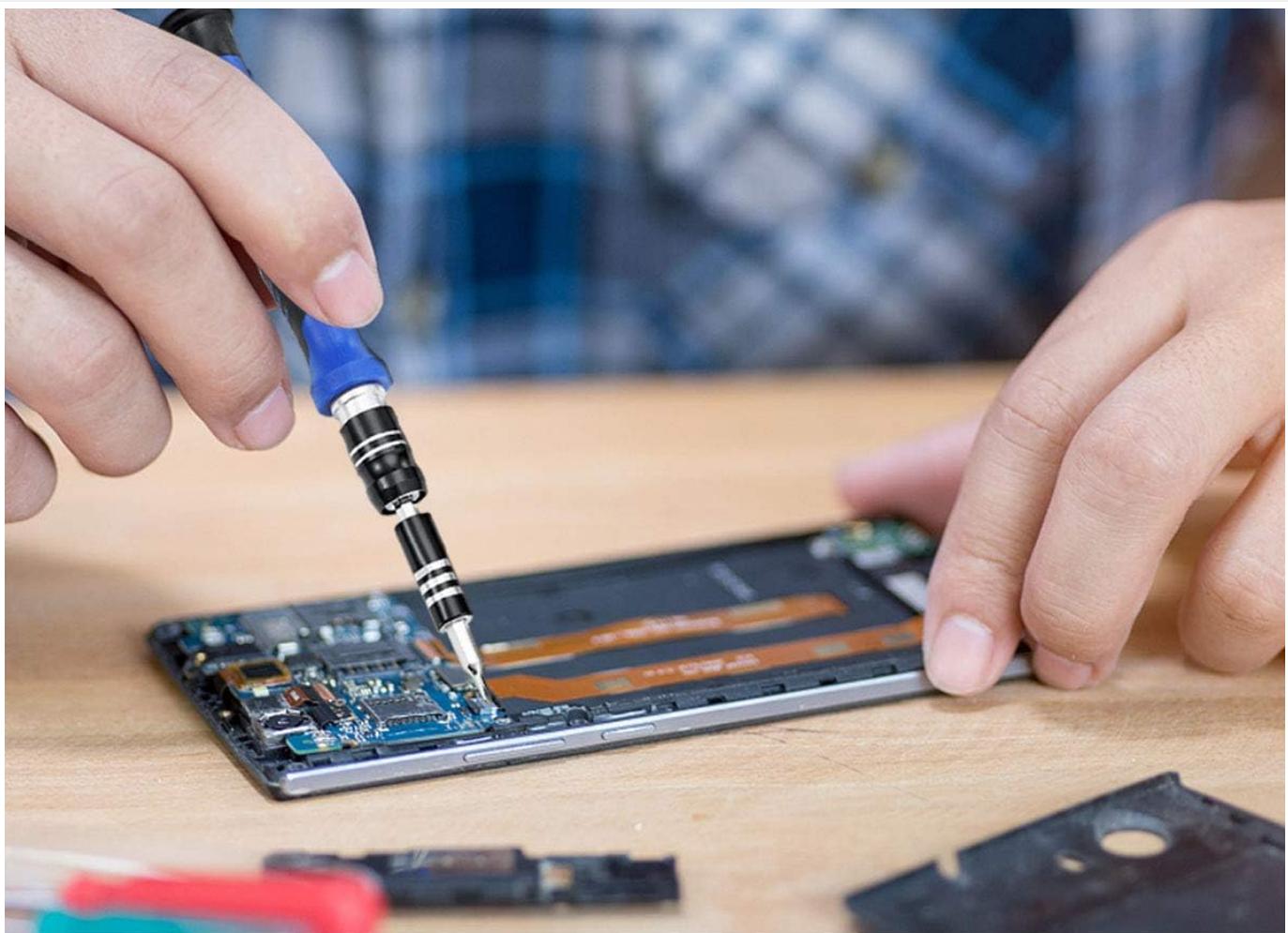
- 1. Safety First:** Before beginning any repair, ensure the electronic device is powered off and disconnected from any power source.
- 2. Anti-Static Precautions:** When working with sensitive electronic components, wear the anti-static wrist strap to prevent electrostatic discharge (ESD) damage. Attach the wrist strap to your wrist and connect the clip to a grounded metal object.
- 3. Disassembly:**
  - Use the LCD suction cup to carefully lift screens or panels.
  - Employ plastic or metal spudgers and crowbars to gently pry open device casings without causing damage.
  - Select the correct precision bit for each screw. The screwdriver handle features an ergonomic, anti-skid design for comfortable and secure grip.

4. **Reassembly:** Follow the reverse steps for reassembly. Ensure all screws are tightened appropriately without over-tightening, which can strip threads or damage components.

5. **Cleaning:** Use the cleaning brush and cloth to remove dust and debris from components during repair.



Figure 4.1: Illustrates various repair scenarios including prying open a phone, handling internal components, and using the SIM ejector tool.



## WIDE APPLICATIONS



Figure 4.2: Shows the versatility of the kit for devices like smartphones, game consoles, speakers, tablets, laptops, and cameras.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your ORIA Precision Screwdriver Set.

- **Cleaning:** After each use, wipe down the screwdriver handle and bits with the provided cleaning cloth or a soft, dry cloth to remove any dirt, oil, or debris.
- **Storage:** Store all components in the provided organized bag. This protects the tools from damage, prevents loss, and keeps them readily accessible.
- **Inspection:** Periodically inspect bits for wear or damage. Replace any worn bits to maintain precision and prevent damage to screws.
- **Rust Prevention:** Keep the metal components dry. If exposed to moisture, dry them immediately to prevent rust.



Figure 5.1: The ORIA Precision Screwdriver Set neatly organized in its portable bag.



Figure 5.2: The compact dimensions of the portable storage bag for easy transport and storage.

## 6. TROUBLESHOOTING

If you encounter issues while using the ORIA Precision Screwdriver Set, consider the following:

- **Bit Not Fitting:** Ensure you are using the correct bit type and size for the screw. Refer to the bit specifications.
- **Bit Slipping:** If a bit slips, it may be worn, or the wrong size/type is being used. Replace worn bits and verify compatibility. Apply firm, steady pressure when turning.
- **Static Discharge:** Always use the anti-static wrist strap when working with sensitive electronics to prevent damage from static electricity.
- **Difficulty Reaching Screws:** Utilize the extension rod or flexible shaft for screws in deep or awkward locations.

## 7. SPECIFICATIONS

- **Brand:** ORIA
- **Model Name:** OUS-HA11-O52118
- **Number of Items:** 86 (including 57 bits)

- **Material:** Chrome Vanadium Steel (bits)
- **Bit Hardness:** HRC52-56
- **Color:** Blue
- **Item Weight:** 1.4 pounds (approximately 0.64 kg)
- **Product Dimensions (Bag):** 10 x 4.5 x 2.3 inches (approximately 25.4 x 11.4 x 5.8 cm)
- **Recommended Uses:** Repair of Cellphones, Game Consoles, Tablets, Laptops, PCs, Watches, Glasses, Cameras, and other Electronic Devices.
- **Special Feature:** Ergonomic, Anti-skid, Anti-static (handle), Magnetic bit holder, Flexible extension shaft.

## 8. WARRANTY AND SUPPORT

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ORIA is committed to providing high-quality products and customer satisfaction.

- **Warranty:** 1-Year Limited Warranty
- **Replacements:** 90-Day Free Replacements
- **Returns:** 30-Day Free Returns
- **Customer Support:** 24/7 Customer Support available
- **Technical Support:** Lifetime Technical Support

For assistance, please contact ORIA customer service through the retailer's platform or the official ORIA website.

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