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Sundpey BYD117

Sundpey 206-Piece Cordless Drill Combo Kit User Manual

Model: BYD117

Introduction

Welcome to the user manual for your Sundpey 206-Piece Cordless Drill Combo Kit, model BYD117. This comprehensive tool set is designed for a wide range of household, office, garden, and car repair tasks, providing essential tools for both men and women. Please read this manual carefully before use to ensure safe and efficient operation of your tools.

3.0M
RFC MEASURING TAPE
VIML-
TAPE
P.V.C INSULATING TAPE
MADE IN CHINA
4 5 6 PH1 PH2 PZ1 PZ2 T20 T25 AD
Sundpey

Image: The complete Sundpey 206-piece tool kit, neatly organized within its durable carrying case, showcasing the cordless drill and a wide array of hand tools and accessories.

Package Contents

Your Sundpey 206-Piece Cordless Drill Combo Kit includes the following items:

- 12V Cordless Electric Drill (with built-in LED light, 2 x 1500 mAh rechargeable batteries, and charger)
- Rip Claw Hammer
- Adjustable Wrench
- Linesman Pliers
- Needle Nose Pliers
- Tape Measure
- Electrical Tape
- Hex Keys (various sizes)
- Screwdriver Bits (various sizes)
- Wood Screw Assortment Kit
- Screwdrivers (various types)
- Screwdriver Handle
- Tile Drill Bits (6mm & 8mm)
- Twist Drill Bits (3mm, 4mm, 5mm, 6mm)
- Wood Drill Bits (4mm, 5mm, 6mm)
- 200mm Flexible Shaft
- 1/4 Drive Sockets (9pcs)
- Extension Bar



Image: The complete 206-piece Sundpey tool kit laid out, including the cordless drill, various hand tools, and accessories, all neatly organized within its carrying case.

Product Features

12V Cordless Electric Drill

- **Built-in LED Light:** Illuminates the work area for improved visibility.
- **Two-Speed Settings:** Offers 0-350 RPM for low-speed, high-torque applications (soft materials) and 0-1350 RPM for high-speed, low-torque applications (hard materials).
- **3/8 inch (10mm) Chuck:** Securely holds various drill bits and accessories.
- **18+1 Adjustment Torque Clutch:** Provides precise control for driving screws and prevents over-tightening or stripping.
- **12V Li-ion Battery:** Provides reliable and long-lasting power.
- **Forward/Reverse Switch:** Allows for easy changing of rotation direction for drilling and screw driving/removal.

Tool Construction

The basic tool kit components are forged from good quality steel with a high-polished chrome finish, providing ample strength, durability, and corrosion protection for long-term use.

Portability and Storage

The cordless design of the drill ensures ease of use and convenient portability. All toolkit accessories are securely packed in fixed positions within the durable carrying case, preventing movement and scratching during transport and storage.



Image: Detailed view of the Sundpey 12V cordless drill, highlighting its key features such as the 3-jaw chuck, charging port, LED light, 12V Li-ion battery, F/R switch, 18+1 adjustment torque clutch, and 2 variable speeds.

Setup

Battery Charging

1. Locate the 12V Li-ion battery and the provided charger.

2. Connect the charger to a standard electrical outlet.
3. Insert the battery into the charger, ensuring a secure connection.
4. Allow the battery to fully charge before its first use. Refer to the charger's indicator light for charging status.

Inserting Drill Bits and Accessories

1. Ensure the cordless drill is turned off and the battery is removed for safety.
2. Twist the chuck counter-clockwise to open the jaws.
3. Insert the desired drill bit, screwdriver bit, or accessory into the chuck.
4. Twist the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held.
5. For the flexible shaft or extension bar, first insert it into the drill's chuck, then attach the desired bit to the end of the shaft/bar.

Operating Instructions

Using the Cordless Drill

- **Power On/Off:** Press the trigger to start the drill and release it to stop.
- **Speed Selection:** Use the speed switch, typically located on top of the drill, to select between low speed (0-350 RPM) for high-torque applications or high speed (0-1350 RPM) for faster drilling.
- **Torque Adjustment:** Rotate the torque collar, located behind the chuck, to select the appropriate torque setting (1-18) for driving screws. Use the drill mode setting for drilling holes.
- **Forward/Reverse:** The F/R switch, located above the trigger, controls the direction of rotation. Push it left for forward (clockwise) rotation and right for reverse (counter-clockwise) rotation. A center position typically locks the trigger for safety.
- **LED Light:** The built-in LED light automatically activates when the trigger is pressed, illuminating your work area.

Using Hand Tools

- **Hammer:** Use the striking face for driving nails and the claw for pulling them out.
- **Adjustable Wrench:** Adjust the jaw opening to fit nuts and bolts of various sizes for tightening or loosening.
- **Pliers (Linesman, Needle Nose):** Use for gripping, bending, cutting, or manipulating wires and small objects.
- **Screwdrivers:** Select the correct type (Phillips, Slotted) and size of screwdriver or bit that matches the screw head to prevent damage to the screw or tool.
- **Tape Measure:** Extend the tape to measure distances accurately. Ensure the tape is flat against the surface for precise readings.

Safety Precautions

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when operating any tools.
- Ensure your work area is well-lit, clean, and free from obstructions or tripping hazards.
- Do not operate tools while fatigued or under the influence of drugs or alcohol.
- Keep children and bystanders at a safe distance from the work area.
- Always disconnect the battery from the drill before changing bits, performing maintenance, or when the tool is not in use.
- Do not force tools; allow the tool to perform the work at its intended speed and capacity.

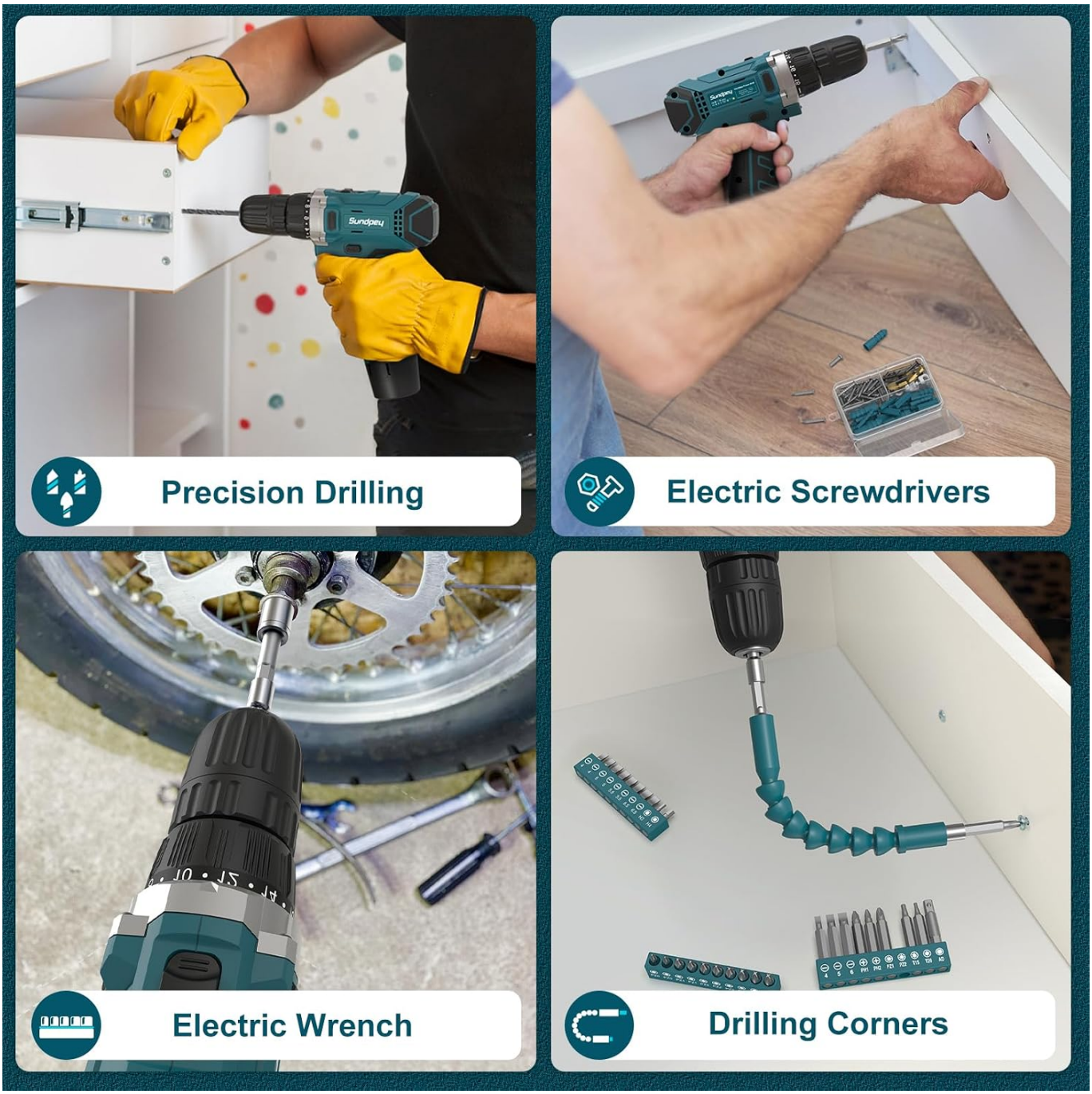


Image: Collage of images demonstrating various applications of the Sundpey tool kit, including precision drilling, using electric screwdrivers, utilizing the drill as an electric wrench, and drilling in corners with the flexible shaft.

Maintenance

Cleaning

- Wipe down all tools with a clean, dry cloth after each use to remove dust, dirt, and debris.
- For the cordless drill, ensure that the ventilation slots are clear of any obstructions.
- If necessary, a slightly damp cloth can be used for stubborn grime, but ensure all tools are thoroughly dried immediately afterwards to prevent rust.

Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing fully discharged batteries for extended periods. It is recommended to recharge them periodically, even

if not in use, to maintain battery health.

- Do not expose batteries to water or excessive heat.

Storage

- Always store tools in their designated slots within the provided carrying case.
- Ensure the case is securely latched to prevent tools from shifting or falling out.
- Store the entire kit in a dry environment to prevent rust and corrosion on metal components.

Troubleshooting

Drill Not Operating

- Check if the battery is fully charged and properly inserted into the drill.
- Ensure the Forward/Reverse switch is not in the center (locked) position.
- Verify that the chuck is not jammed or overtightened without a bit.

Battery Not Charging

- Ensure the charger is properly plugged into a working power outlet.
- Check the connection between the battery and the charger.
- If the issue persists, the battery or charger may be faulty. Refer to the warranty information for support.

Tools Appear Damaged or Worn

- Inspect tools regularly for signs of wear, cracks, or damage.
- Do not use damaged tools as this can be unsafe and lead to further damage. Replace them as necessary.
- For issues with the drill or charger, refer to the warranty information for assistance.

Specifications

Maximum Rotational Speed	1350 RPM
Unit Count	1.0 Count
Manufacturer	Sundpey
Item Weight	10.08 pounds
Product Dimensions	16 x 11 x 3.5 inches
Item Model Number	BYD117
Batteries Included	Yes (1 x 12V battery)
Batteries Required	Yes
Power Source	Hand Powered (for hand tools) / Battery Powered (for drill)
Voltage	12 Volts
Battery Cell Composition	Lithium Ion

Warranty and Support

Sundpey offers a **12-month product service** for your tool kit. We are committed to providing high-quality tool kits and excellent services to all our customers. If you encounter any questions or issues with your product, please do not hesitate to contact us. We aim to reply to all inquiries within 24 hours to ensure your satisfaction.
For support, please refer to the contact information provided with your purchase or visit the official Sundpey website.

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