

AOBEN AB7331T-MAX

AOBEN AB7331T-MAX 3/8" 12V Cordless Ratchet Wrench Kit Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your AOBEN AB7331T-MAX 3/8" 12V Cordless Ratchet Wrench Kit. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: AOBEN AB7331T-MAX 3/8" 12V Cordless Ratchet Wrench Kit

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating noisy tools. Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will

do the job better and safer at the rate for which it was designed. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

3. PACKAGE CONTENTS

Your AOBEN Cordless Ratchet Wrench Kit includes the following items:

- 1 x AOBEN Cordless Ratchet
- 79 x Different size of sockets (Hex bit, Star (Torx) Bit, External Star (Torx), and standard Socket Sets)
- 2 x 2000mAh Lithium Ion Batteries
- 1 x Battery Charger
- 1 x 3/8"F* 1/4"M Adaptor
- 3 x 3/8" Extension Bars (3", 6", 10")
- 1 x Instruction Manual
- 1 x Carry Case



Figure 2: Kit Contents Overview

Adaptor  *1PC	 3/8F* 1/4M
Socket Set  *30PC	 1/4-inch Drive: 4mm,4.5mm,5.5mm 5mm,6mm,7mm,5/32",3/16",7/32" 1/4",9/32",11/32" 3/8-inch Drive: 8,9,10,11,12,13,14 15,16,17,18,19,5/16,3/8",7/16",1/2" 9/16",5/8"
Hex bit Socket  *24PC	 1/4-inch Drive:2mm,2.5mm,3mm 4mm,5mm,5.5mm,6mm,5/64",3/32" 1/8",5/32",3/16",7/32",1/4" 3/8-inch Drive:7mm,8mm,9mm 10mm,12mm,9/32",5/16",3/8",7/16" 1/2"
Star(Torx)Bit Sockets  *15PC	 1/4-inch Drive:T6, T7,T8,T9, T10 T15,T20,T25,T27,T30 3/8-inch Drive:T40,T45,T47 T50,T55
External Star(Torx)Sockets  *10PC	 1/4-inch Drive:E4,E5,E6,E7,E8 3/8-inch Drive:E10,E11,E12, E14,E16

Figure 3: Detailed Socket Sizes

Storage Carry Case

Sturdy storage & compact carrying case, enhanced with reliable sliding latch



Figure 4: Storage Carry Case

4. PRODUCT FEATURES

- **Ergonomic Design:** The cordless ratchet wrench features an ergonomic design for comfortable handling in tiny, tight, and narrow working environments.
- **Powerful Performance:** Offers a powerful speed of 280 RPM and up to 40 Ft-lbs of torque for various tasks.
- **Built-in LED & Power Indicator:** Equipped with bright LED lights for illumination in dark areas and a fuel gauge (three LED lights) to indicate battery charge level.
- **Forward/Reverse Switch & Safety Lock:** A convenient switch on the head allows for easy change between fastening and unscrewing. A paddle switch with a safety lock prevents accidental actuation.

VARIABLE SPEED TRIGGER

Press harder, speed faster



Figure 5: Built-in LED and Power Indicator

Forward&Reverse Switch

Meeting your Fastening & Unscrewing need with 1 tool



Forward to Tight the Bolts

Reverse to unstcrew the Bolts



Figure 6: Variable Speed Trigger



Recessed head and slim body design
To accomadate tight spaces

Figure 7: Forward/Reverse Switch

More Detail about 3/8" 12V Cordless Ratchet



Figure 8: Recessed Head for Tight Spaces

5. SETUP

5.1 Battery Charging

1. Connect the charger to a standard power outlet.
2. Insert the 12V Lithium-Ion battery into the charger.
3. The charger will indicate the charging status: a red light typically means charging, and a green light indicates a full charge.
4. Once fully charged, remove the battery from the charger.

5.2 Attaching Sockets and Accessories

1. Ensure the ratchet is turned off and the safety lock is engaged.
2. Align the desired socket or extension bar with the 3/8" output shaft of the ratchet.
3. Push firmly until the accessory clicks securely into place.
4. To remove, pull the accessory firmly away from the shaft.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Variable Speed

- To activate the ratchet, press the paddle switch. The speed is variable; pressing harder will increase the speed up to 280 RPM.
- Release the paddle switch to turn off the ratchet.

6.2 Forward/Reverse Operation

- Locate the Forward/Reverse switch on the back of the ratchet head.
- Slide the switch to the desired direction for fastening (forward) or unscrewing (reverse).

6.3 Safety Lock

- The safety lock is located near the paddle switch. Engage it to prevent accidental activation of the tool when not in use.

6.4 LED Work Light

- The built-in LED light automatically illuminates the work area when the paddle switch is pressed, providing visibility in dark or confined spaces.

6.5 Operational Tips

- For very tight bolts, it is recommended to manually break them loose with the ratchet before using the electric motor to speed up removal.
- Similarly, for fastening, use the electric motor to quickly run the bolt in, then manually tighten to the desired torque if necessary.

Video 1: Demonstration of the AOBEN Cordless Ratchet in action, showing its ability to loosen bolts efficiently.

Video 2: Aoben Electric Ratchet in use, showcasing its operational capabilities.

7. MAINTENANCE

- **Cleaning:** Keep the tool clean and free of oil, grease, and dirt. Use a clean cloth to wipe down the tool.
- **Battery Care:** Store batteries in a cool, dry place. Do not store batteries in a discharged state for extended periods.
- **Storage:** Store the tool and accessories in the provided carry case to protect them from damage and keep them organized.

8. TROUBLESHOOTING

- **Tool Not Turning On:** Ensure the battery is fully charged and properly inserted. Check that the safety lock is disengaged.
- **Low Power/Speed:** Recharge the battery. If the issue persists, the battery may need replacement.
- **Battery Not Charging:** Ensure the charger is properly plugged into a working outlet and the battery is correctly seated in the charger. Check the charger's indicator lights (red for charging, green for charged).
- **Excessive Noise/Vibration:** Discontinue use and inspect the tool for any loose parts or damage. Contact customer support if the issue cannot be resolved.

9. SPECIFICATIONS

Specification	Value
Brand	AOBEN
Model Number	AB7331T-MAX
Voltage	12 Volts
Battery Type	Lithium-Ion (2000mAh)
Item Torque	40 Foot Pounds
Operation Mode	Battery
Max Speed	280 RPM
Head Style	Box End
Item Length	10.24 Inches
Item Weight	10.67 pounds (entire kit)
Material	Metal
Color	Red

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the product packaging or visit the official AOBEN website. Keep your purchase receipt as proof of purchase.

Video 3: An overview of the AOBEN Cordless Ratchet, highlighting its value and features.

Video 4: Key facts and features of the AOBEN Ratchet Spanner.

Video 5: A review of the AOBEN cordless ratchet, showcasing its functionality.

Video 6: Unboxing of the AOBEN cordless ratchet spanner, detailing package contents.