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› AOBEN 20V 3/8" Cordless Ratchet Wrench (Model AB7332D) Instruction Manual

AOBEN AB7332D

AOBEN 20V 3/8" Cordless Ratchet Wrench

Model: AB7332D

Brand: AOBEN

1. INTRODUCTION

Thank you for choosing the AOBEN 20V 3/8" Cordless Ratchet Wrench. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and retain it for future reference.

1.1 Package Contents

- 1 x AOBEN 20V 3/8" Cordless Ratchet Wrench
- 2 x 20V Lithium-ion Batteries (2.0Ah)
- 1 x Battery Charger
- 1 x Hard Plastic Storage Case
- 1 x User Manual
- 1 x 3/8" to 1/4" Adapter
- 1 x 6-inch Extension Bar
- 8 x Extended Sockets (10mm, 12mm, 13mm, 14mm, 15mm, 17mm, and others)



Image: Complete AOBEN Cordless Ratchet Wrench Kit in its durable hard case, showing the wrench, batteries, charger, and various sockets.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

2.1 General Safety Warnings

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear eye protection:** Always use safety goggles or glasses with side shields.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Avoid dangerous environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Secure workpiece:** Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.
- **Dress properly:** Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts.
- **Stay alert:** Watch what you are doing and use common sense. Do not operate the tool when you are tired.

2.2 Battery Safety

- **Use only specified charger:** Use only the charger provided by AOBEN for this tool.
- **Do not short-circuit battery:** Avoid contact with conductive materials.
- **Do not expose to heat or fire:** Batteries may explode.
- **Do not open or mutilate battery:** Electrolyte is corrosive and may cause eye or skin damage.
- **Dispose of batteries properly:** Follow local regulations for battery disposal.

3. COMPONENTS AND FEATURES

3.1 Key Components

- **Ratchet Head:** Houses the drive square and internal ratcheting mechanism.
- **3/8" Drive Square:** For attaching sockets and adapters.
- **Forward/Reverse Selector:** Allows switching between tightening and loosening directions.
- **Variable Speed Trigger:** Controls the rotation speed of the drive square.

- **Safety Lock Switch:** Prevents accidental activation of the trigger.
- **LED Work Light:** Illuminates the work area for better visibility.
- **Ergonomic Grip:** Rubberized texture for comfortable and secure handling.
- **Battery Interface:** Connection point for the 20V battery pack.
- **Battery Pack:** Provides power to the tool.



Image: The AOBEN Cordless Ratchet Wrench with callouts for its key features including LED light, variable speed control, and safety switch.

3.2 Performance Features

- **High Torque:** Delivers up to 60 ft-lbs (81 Nm) of torque for demanding applications.
- **Variable Speed Control:** Offers a no-load speed of 0-400 RPM, allowing precise control for various tasks.
- **LED Work Light:** Integrated light improves visibility in dimly lit work areas.
- **Ergonomic Design:** Features a comfortable, rubberized grip for reduced fatigue during prolonged use.
- **Durable Construction:** Built for reliability and longevity in workshop environments.

4. SETUP

4.1 Charging the Battery

Before initial use, fully charge both 20V Lithium-ion batteries. The charger is designed to charge one battery at a time.

1. Connect the charger to a standard power outlet.
2. Slide a 20V battery pack onto the charger until it clicks into place.
3. The indicator light on the charger will show the charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, remove the battery from the charger.

4.2 Installing and Removing the Battery

1. **To Install:** Align the battery pack with the battery interface on the tool. Slide the battery into place until it clicks securely.
2. **To Remove:** Press the battery release button (usually located on the battery pack) and slide the battery out of the tool.

4.3 Attaching Sockets and Accessories

The AOBEN ratchet wrench is compatible with 3/8" drive sockets. The kit includes various extended sockets, a 3/8" to 1/4" adapter, and a 6-inch extension bar.

1. Select the appropriate socket size for your fastener.
2. Push the socket firmly onto the 3/8" drive square until it locks into place.
3. To use a 1/4" drive socket, first attach the 3/8" to 1/4" adapter to the drive square, then attach the 1/4" socket to the adapter.
4. For extended reach, attach the 6-inch extension bar between the drive square and the socket/adapter.



Image: The AOBEN Cordless Ratchet Wrench shown with a 3/8" driver, a 1/4" socket adapter, and a 6" extended socket, demonstrating versatility.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. **To Power On:** Slide the safety lock switch to the unlocked position. Press the variable speed trigger to activate the tool. The LED work light will illuminate.
2. **To Power Off:** Release the variable speed trigger. Slide the safety lock switch to the locked position to prevent accidental startup.

5.2 Selecting Direction (Forward/Reverse)

The direction of rotation is controlled by the forward/reverse selector located on the back of the ratchet head.

- **For Tightening (Forward):** Rotate the selector to the 'F' position (or clockwise direction).
- **For Loosening (Reverse):** Rotate the selector to the 'R' position (or counter-clockwise direction).

5.3 Applying Torque

The variable speed trigger allows for precise control over the tool's speed and torque output.

1. Ensure the correct socket is securely attached and the direction selector is set appropriately.
2. Position the socket onto the fastener.
3. Gently press the variable speed trigger to start the rotation. The more you press the trigger, the faster the tool will rotate and the more torque it will apply, up to its maximum of 60 ft-lbs.
4. For initial loosening of very tight fasteners, it may be necessary to manually break the fastener loose before using the power ratchet. Similarly, for final tightening, ensure the fastener is adequately secured without overtightening.

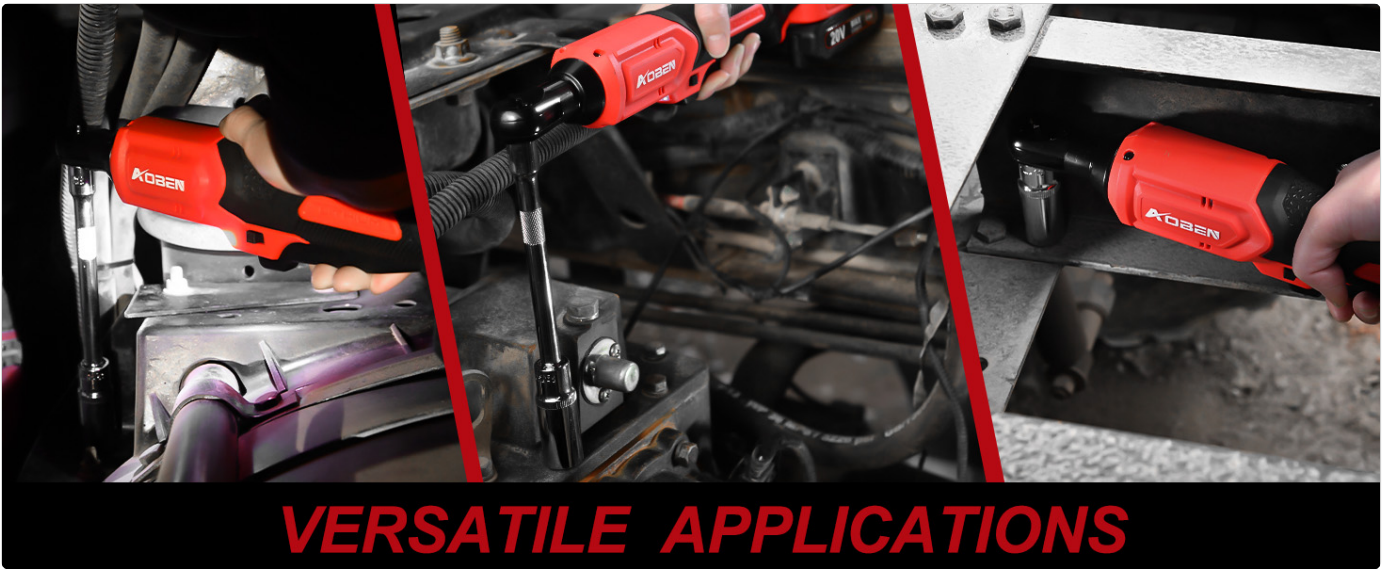


Image: The AOBEN Cordless Ratchet Wrench demonstrating its use in various versatile applications, such as working on an engine.

6. MAINTENANCE

6.1 Cleaning

- Keep the tool's ventilation openings clean and free from debris to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Regularly inspect the drive square and sockets for wear or damage.

6.2 Storage

- Store the tool and its accessories in the provided hard plastic case.
- Store in a dry, secure location out of reach of children and away from direct sunlight or extreme temperatures.
- Ensure batteries are partially charged (around 50%) before long-term storage to prolong their lifespan.

7. TROUBLESHOOTING

If you encounter issues with your AOBEN Cordless Ratchet Wrench, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged Battery not properly installed Safety lock engaged	Charge battery Reinstall battery securely Disengage safety lock
Low power/speed	Low battery charge Overload on tool	Recharge battery Reduce load, ensure proper socket fit
Ratchet head not rotating	Direction selector in neutral position Internal mechanism jammed	Set direction selector to F or R Contact customer support

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	AB7332D
Voltage	20V Max
Drive Size	3/8 inch
Max Torque	60 ft-lbs (81 Nm)
No-Load Speed	0-400 RPM
Battery Type	Lithium-ion
Battery Capacity	2.0Ah
Measurement Standard	SAE
Color	Red

9. WARRANTY AND SUPPORT

AOBEN stands behind the quality of its products. This product is covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official AOBEN website.

For technical support, replacement parts, or any questions regarding your AOBEN 20V 3/8" Cordless Ratchet Wrench, please contact AOBEN customer service through the contact information provided in your product packaging or on the official AOBEN website. Please have your model number (AB7332D) and purchase date ready when contacting support.

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