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> Vastar 8V Cordless Electric Screwdriver (Model AAVACS0302CA) Instruction Manual

Vastar AAVACS0302CA

Vastar 8V Cordless Electric Screwdriver

Model: AAVACS0302CA

INTRODUCTION

Thank you for choosing the Vastar 8V Cordless Electric Screwdriver. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read these instructions carefully before use and retain them for future reference.

SAFETY INSTRUCTIONS

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

- **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.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. 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 for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. When the battery pack is not in use, keep it away from other metal objects.

PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

What's in The Box

25mm Screwdriver Bits



Socket Wrench



50mm Screwdriver Bits



Extension Rod



Adapter



Flexible Shaft



Storage Box



Image: Package contents of the Vastar 8V Cordless Electric Screwdriver kit.

- 1x Vastar 8V Cordless Electric Screwdriver
- 1x Carrying Case
- 1x Charger
- 8x Socket Wrenches
- 1x Extension Rod
- 1x Flexible Shaft
- 1x Adapter

- 78x Screwdriver Bits (25mm and 50mm assorted)
- 1x Instruction Manual

PRODUCT OVERVIEW

Familiarize yourself with the components of your Vastar 8V Cordless Electric Screwdriver.



Image: Labeled components of the Vastar 8V Cordless Electric Screwdriver.

1. **Magnetic Bit Chuck:** For quick insertion and extraction of screwdriver bits.

2. **10+1 Torque Setting:** Adjusts the fastening power to prevent over-tightening or stripping screws.
3. **Battery Indicator Light:** Displays the current battery charge level.
4. **2-Position Toggle Button:** Allows switching between pistol-grip and in-line handle positions.
5. **USB Charging Port:** For connecting the charger to recharge the battery.
6. **Built-in LED Light:** Illuminates the work area for improved visibility.
7. **On/Off Trigger Button:** Activates the screwdriver.
8. **Forward/Reverse Button:** Controls the rotation direction for driving or removing screws.

SETUP

Charging the Battery

The Vastar 8V Cordless Electric Screwdriver is equipped with a 2000mAh lithium-ion battery. For optimal performance, fully charge the battery before first use.

2000mAh Rechargeable Battery

Fully charged in just 1 hour



CE



FCC



Rohs



MSDS

Image: Charging the Vastar 8V Cordless Electric Screwdriver battery.

1. Locate the USB charging port on the screwdriver.
2. Connect the charger to the USB charging port.
3. Plug the charger into a standard power outlet.
4. The battery indicator light will show the charging status. A full charge typically takes about one hour.
5. Disconnect the charger once the battery is fully charged.

Attaching and Changing Bits

The magnetic bit chuck allows for quick and secure bit changes.

1. Ensure the screwdriver is turned off and the forward/reverse switch is in the locked (middle) position.
2. Select the appropriate screwdriver bit or socket for your task.
3. Insert the bit directly into the magnetic bit chuck until it is firmly seated.
4. To remove a bit, simply pull it straight out from the chuck.

OPERATING

Adjusting Handle Position

The screwdriver features a dual-position handle for versatility in various work environments.

Adjustable 2-position Handle

Allows for operation in in-line & pistol-grip



Image: Adjustable 2-position handle of the Vastar 8V Cordless Electric Screwdriver.

1. Locate the 2-position toggle button on the top of the screwdriver.
2. Press and hold the toggle button.
3. Adjust the handle to either the pistol-grip or in-line position as needed for your task.
4. Release the button to lock the handle in place.

Torque Adjustment

The 10+1 torque setting allows you to control the fastening power, preventing damage to screws or materials.

10+1 Variable Speeds

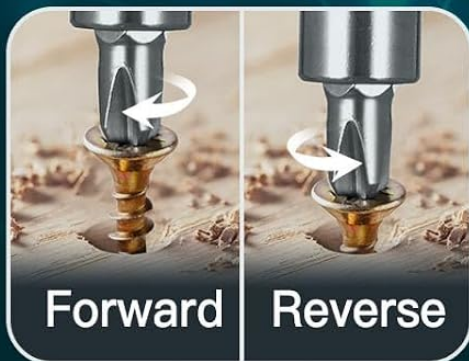


Image: Torque adjustment and forward/reverse controls.

1. Rotate the torque adjustment collar located behind the bit chuck.
2. Select a lower torque setting (1-3) for small screws or soft materials.
3. Select a higher torque setting (4-10) for larger screws or harder materials.
4. The 'drill' icon setting provides maximum torque for drilling applications (if applicable) or when full power is required for driving.

Forward/Reverse Operation

The forward/reverse switch controls the direction of rotation.

1. Push the switch to the left for forward rotation (to drive screws).
2. Push the switch to the right for reverse rotation (to remove screws).
3. Position the switch in the middle for the lock function, which prevents accidental activation and allows for manual tightening/loosening.

Using the LED Light

The integrated LED light illuminates your work area.

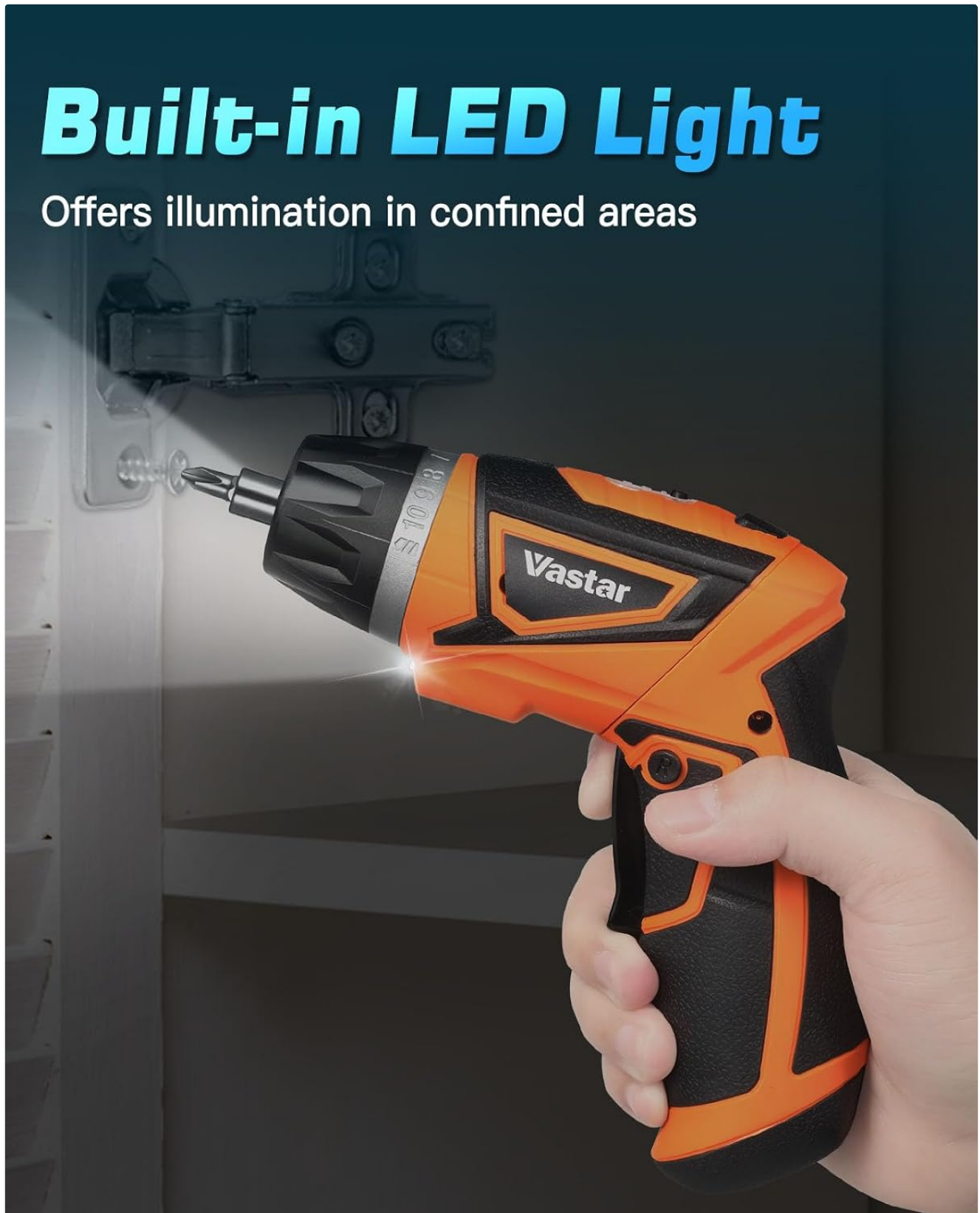


Image: Built-in LED light in operation.

The LED light automatically activates when the trigger button is pressed, providing illumination in dimly lit or confined spaces.

Using the Flexible Shaft

The flexible shaft accessory allows you to reach screws in awkward or tight angles.

1. Insert the flexible shaft into the magnetic bit chuck of the screwdriver.
2. Insert the desired screwdriver bit into the end of the flexible shaft.
3. Maneuver the flexible shaft to access screws in hard-to-reach areas.

MAINTENANCE

General Cleaning

Regular cleaning helps maintain the tool's performance and extends its lifespan.

- Always disconnect the tool from the charger before cleaning.
- Use a soft, damp cloth to wipe down the exterior of the screwdriver. Do not use harsh chemicals or abrasive cleaners.
- Keep the ventilation openings clear of dust and debris to prevent overheating. Use compressed air if necessary.

Battery Care

- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid fully discharging the battery frequently, as this can reduce its overall lifespan.
- If storing the tool for an extended period, charge the battery to approximately 50% capacity.

TROUBLESHOOTING

If you encounter issues with your Vastar 8V Cordless Electric Screwdriver, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Screwdriver does not turn on.	Battery is discharged. Forward/Reverse switch is in the locked position.	Charge the battery. Move the switch to the forward or reverse position.
Screwdriver lacks power.	Battery is low. Torque setting is too low.	Recharge the battery. Increase the torque setting.
Bit slips or strips screw head.	Incorrect bit size. Torque setting is too high. Worn bit.	Use the correct bit size. Reduce the torque setting. Replace the bit.
Screwdriver overheats.	Prolonged heavy use. Blocked ventilation openings.	Allow the tool to cool down. Clean the ventilation openings.

If the problem persists after attempting these solutions, please contact Vastar customer support.

SPECIFICATIONS

Feature	Specification
Model Number	AAVACS0302CA
Voltage	8 Volts
Battery Type	Lithium-ion
Battery Capacity	2000 mAh
No-Load Speed	320 RPM
Max Electric Torque	5.5 Nm
Max Manual Torque	10 Nm
Torque Settings	10 + 1 (Drill)
Product Dimensions	30 x 17 x 8 cm
Item Weight	1.61 kg
Material	Metal
Color	Orange and Black

WARRANTY INFORMATION

Vastar products are manufactured to high-quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, abuse, normal wear and tear, or unauthorized repairs.

SUPPORT

For technical assistance, warranty claims, or general inquiries, please contact Vastar customer support through the retailer where the product was purchased or visit the official Vastar website for contact information. When contacting support, please have your product model number (AAVACS0302CA) and proof of purchase readily available.