

## Vigor TB-12

# Vigor Greenline TB-12 Lithium 12V Cordless Drill User Manual

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Vigor Greenline TB-12 Lithium 12V Cordless Drill. Please read these instructions carefully before operating the tool and keep them for future reference. Proper use and maintenance will ensure optimal performance and extend the lifespan of your drill.

## SAFETY INSTRUCTIONS

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

- Wear appropriate personal protective equipment, including eye protection and gloves.
- Ensure your work area is well-lit and free from clutter.
- Keep children and bystanders away while operating the tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Avoid unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Do not force the power tool. Use the correct power tool for your application.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

## PRODUCT OVERVIEW

The Vigor Greenline TB-12 is a versatile 12V cordless lithium-ion drill designed for various drilling and screwdriving tasks. It features a compact design, reversible rotation, and an integrated LED light for

improved visibility.



Image: The Vigor Greenline TB-12 Lithium 12V Cordless Drill, depicted in its packaging. The drill itself is green and black, highlighting its compact design. Key features such as 12V Lithium-ion battery, 800mAh capacity, 3-5 hour charge time, 0-650 RPM speed, 10Nm torque, 16+1 clutch settings, 10mm chuck, and reversible function are visible on the packaging.

## Key Features:

- 12V Lithium-ion Battery: Provides reliable power and longer run-time.
- 800mAh Battery Capacity: Ensures sufficient power for typical tasks.
- 3-5 Hour Charge Time: Allows for quick recharging.
- 0-650 RPM No-Load Speed: Offers variable speed control for different applications.
- 10 Nm Max Torque: Suitable for various drilling and fastening tasks.
- 16+1 Torque Settings: Provides precise control for screwdriving and prevents over-tightening.
- 10mm Keyless Chuck: Allows for quick and easy bit changes.
- Reversible Rotation: Essential for screwdriving and removing fasteners.
- Integrated LED Light: Illuminates the work area for better visibility.

## SETUP

### 1. Charging the Battery

1. Ensure the battery is fully charged before first use.

2. Connect the charger to a standard power outlet.
3. Insert the battery pack into the charger. The charging indicator light will show the charging status.
4. A full charge typically takes 3-5 hours. Do not overcharge the battery.
5. Once charged, disconnect the charger from the power outlet and remove the battery.

## **2. Installing/Removing the Battery Pack**

- To install: Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- To remove: Press the battery release button (if present) and slide the battery pack out of the handle.

## **3. Installing Drill Bits/Screwdriver Bits**

1. Ensure the drill is switched off and the battery is removed for safety.
2. Rotate the chuck collar counter-clockwise to open the chuck jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck, ensuring it is centered.
4. Rotate the chuck collar clockwise to tighten the jaws firmly around the bit. Hand-tighten only; do not use tools to tighten the chuck.
5. To remove a bit, rotate the chuck collar counter-clockwise to loosen the jaws and pull the bit out.

# **OPERATING INSTRUCTIONS**

## **1. Powering On/Off**

- To turn on the drill, press the trigger switch. The integrated LED light will illuminate the work area.
- To turn off the drill, release the trigger switch.

## **2. Adjusting Speed**

The drill features variable speed control. The speed of rotation is controlled by the amount of pressure applied to the trigger switch. Pressing the trigger further increases the speed, up to a maximum of 650 RPM.

## **3. Setting Torque**

The torque adjustment ring allows you to select from 16 torque settings plus a drill mode. Rotate the ring to the desired setting. Lower settings are for screwdriving into softer materials or smaller screws, while higher settings and the drill mode are for drilling or driving larger screws into harder materials.

## **4. Forward/Reverse Rotation**

A forward/reverse selector switch is located above the trigger. Push the switch to the left for forward rotation (for drilling and tightening screws) and to the right for reverse rotation (for loosening screws or removing bits). Ensure the switch is in the center position to lock the trigger and prevent accidental starting.

## **5. Drilling and Screwdriving Tips**

- Always secure your workpiece before drilling or screwdriving.
- Apply steady, even pressure. Do not force the drill.
- For drilling, start with a slow speed to create a pilot hole, then increase speed as needed.
- For screwdriving, select a torque setting appropriate for the screw size and material to avoid stripping the screw head or damaging the workpiece.

# **MAINTENANCE**

## 1. Cleaning

- Keep the ventilation openings of the drill clean to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Never immerse the tool or battery in water.

## 2. Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- If the battery is damaged or no longer holds a charge, dispose of it responsibly according to local regulations.

## 3. Storage

When not in use, store the drill and its accessories in a secure, dry place, out of reach of children. Remove the battery pack from the drill before storage.

## TROUBLESHOOTING

- **Drill not starting:** Check if the battery is fully charged and properly inserted. Ensure the forward/reverse selector is not in the center (locked) position.
- **Low power or short run-time:** The battery may need recharging or may be nearing the end of its lifespan. Ensure the battery contacts are clean.
- **Overheating:** Ensure the ventilation openings are clear. Avoid continuous heavy-duty use without breaks. If the tool overheats frequently, discontinue use and consult a service professional.
- **Bit slipping in chuck:** Ensure the chuck is tightened securely around the bit. Check if the bit shank is clean and free of oil or debris.

For issues not covered here, please contact customer support or a qualified service technician.

## SPECIFICATIONS




Feature	Specification
Brand	Vigor
Model	TB-12 (Code: 9064230)
Type	Cordless Lithium Drill
Voltage	12 Volts
Battery Type	Lithium-ion
Battery Capacity	800 mAh
Charge Time	3-5 hours
No-Load Speed	0-650 rpm
Max Torque	10 Nm

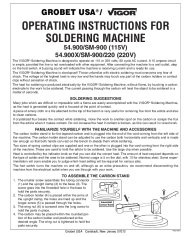
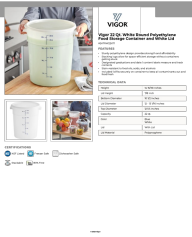

Feature	Specification
Clutch Settings	16+1
Chuck Size	10 mm (Keyless)
Special Features	Reversible Rotation, Integrated LED Light, Cordless
Dimensions (L x W x H)	21 x 7 x 19 cm
Weight	1.8 kg
Material	Metal

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. If you require technical support or have questions regarding your Vigor Greenline TB-12 Cordless Drill, please reach out to the manufacturer's customer service or the point of purchase.

## Related Documents - TB-12

	<p><a href="#">VIGOR VTL-36 Cordless Grass and Hedge Trimmer Instruction Manual</a></p> <p>User manual for the VIGOR VTL-36 cordless grass and hedge trimmer. Includes safety instructions, operating procedures, maintenance guidelines, technical specifications, and warranty information for this battery-powered garden tool.</p>
	<p><a href="#">VIGOR Rear Suspension Enhancement System Installation Manual for Ford F-150 (2015-2020)</a></p> <p>Installation guide for the VIGOR Rear Suspension Enhancement System Kit, designed for 2015-2020 Ford F-150 4WD vehicles. Includes hardware lists and step-by-step instructions for proper installation.</p>
	<p><a href="#">Vigor DR1500DQ Rear Suspension Enhancement Kit Installation Manual</a></p> <p>Official installation manual for the Vigor DR1500DQ Rear Suspension Enhancement System Kit, compatible with 2009-2021 Ram 1500 and 2009-2010 Dodge Ram 1500 models. Includes parts list, clearance instructions, and step-by-step installation guide.</p>

 The image shows the first page of the VIGOR Soldering Machine Operating Instructions. It includes the GROBET USA/VIGOR logo, the title 'OPERATING INSTRUCTIONS FOR SOLDERING MACHINE', and model numbers 54.900SM-900 (110V) and 54.900X/SM-900/220 (220V). The page contains several sections of text, including 'SAFETY INSTRUCTIONS', 'INSTALLATION', and 'OPERATION'. There are also small diagrams illustrating the soldering process and the machine's components.	<p><a href="#">VIGOR Soldering Machine Operating Instructions</a></p> <p>Detailed operating instructions and suggestions for the VIGOR Soldering Machine models 54.900/SM-900 and 54.900X/SM-900/220, covering setup, usage, soldering techniques, and included accessories.</p>
 The image shows the product page for the Vigor 22 Qt. Polyethylene Food Storage Container. It features a large white container with a lid, a measurement scale on the side, and a list of features. The page also includes a 'Specifications' table with details about the container's dimensions, weight, and materials.	<p><a href="#">Vigor 22 Qt. Polyethylene Food Storage Container with Lid - Model 247RW22KT1</a></p> <p>Discover the Vigor 22 Qt. round polyethylene food storage container with lid (#247RW22KT1). Durable, stain-resistant, and NSF certified, ideal for commercial kitchens. Features graduations and stackable design. Safe for temperatures -40 to 160°F.</p>
 The image shows the product page for Vigor Food Storage Boxes. It features a stack of white food storage boxes, a list of features, and a 'Specifications' table. The page also includes a 'Benefits' section and a 'Vigors' logo.	<p><a href="#">Vigor Food Storage Boxes: Commercial Grade Polycarbonate &amp; Polyethylene Solutions</a></p> <p>Explore Vigor's versatile food storage boxes, available in durable polycarbonate and affordable polyethylene. Ideal for commercial kitchens, offering features like reinforced corners, easy transport, stackability, and NSF certification.</p>