

## Goodyear GYDC17001K32

# Goodyear 3/8" 550 RPM Cordless Drill/Driver

Model: GYDC17001K32

## INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Goodyear 3/8" 550 RPM Cordless Drill/Driver, Model GYDC17001K32. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

## SAFETY INFORMATION

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

### General Safety Rules:

- Keep 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.
- Always wear eye protection. Use a dust mask if operation is dusty.
- 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.

## PRODUCT OVERVIEW

Familiarize yourself with the components of your drill/driver.



Figure 1: Front view of the Goodyear Cordless Drill/Driver. Shows the chuck, torque collar, speed selector, trigger, and battery pack.

1. **Chuck:** Holds drill bits and screwdriver bits.
2. **Torque Collar:** Adjusts the torque setting (16 positions).
3. **Forward/Reverse Switch:** Changes rotation direction.
4. **Trigger Switch:** Activates the drill and controls speed.
5. **LED Work Light:** Illuminates the work area.
6. **Battery Pack:** Removable 12V rechargeable battery.
7. **Battery Release Buttons:** For detaching the battery.
8. **Handle:** Ergonomic grip for comfortable use.

## SETUP

### Charging the Battery:

The battery pack is not fully charged at the time of purchase. It must be charged before first use.

1. Connect the charger to a standard Bivolt (110V-220V) power outlet.
2. Insert the battery pack into the charger. Ensure it clicks into place.
3. The LED indicator on the charger will show the charging status.
4. Charging time is approximately 3 to 5 hours. Do not overcharge.
5. Once charged, disconnect the charger from the power outlet and remove the battery pack.



**Figure 2:** The drill/driver shown with its detachable battery pack and charger components. This illustrates how the battery connects to the tool and the charger.

### Installing/Removing the Battery Pack:

- **To Install:** Align the battery pack with the base of the tool and slide it in until it clicks securely into place.
- **To Remove:** Press the battery release buttons on the sides of the battery pack and slide the battery out.

### Installing/Removing Drill Bits/Screwdriver Bits:

1. Ensure the tool is off and the forward/reverse switch is in the center (locked) position.
2. Rotate the chuck counter-clockwise to open the jaws.

3. Insert the desired drill bit or screwdriver bit into the chuck.
4. Rotate the chuck clockwise to tighten the jaws securely around the bit.
5. To remove, rotate the chuck counter-clockwise and pull the bit out.



**Figure 3:** Close-up view of the drill's chuck and torque collar. This image highlights the adjustable settings for drilling and driving applications.

## OPERATING INSTRUCTIONS

### Powering On/Off and Speed Control:

- To turn on the tool, press the trigger switch.
- The tool features variable speed control; the further you press the trigger, the faster the rotation.
- To turn off, release the trigger switch.

### Forward/Reverse Rotation:

The forward/reverse switch is located above the trigger.

- Push the switch to the left for forward (clockwise) rotation (for drilling and driving screws).

- Push the switch to the right for reverse (counter-clockwise) rotation (for removing screws).
- When the switch is in the center position, the trigger is locked, preventing accidental startup.

## Torque Adjustment:

The torque collar allows you to select from 16 torque settings, plus a drill mode.

- Rotate the torque collar to the desired setting. Lower numbers are for driving small screws into soft materials. Higher numbers are for driving large screws into hard materials.
- The drill symbol setting is for drilling applications, providing maximum torque without clutch engagement.

## LED Work Light:

The integrated LED light illuminates the work area when the trigger is pressed, improving visibility in dimly lit spaces.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your tool.

- **Cleaning:** Keep the tool's ventilation openings clean and free of dust. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store the battery pack in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **Storage:** When not in use, store the drill/driver and its accessories in the provided carrying case in a dry, secure location, out of reach of children.



**Figure 4:** The Goodyear drill/driver, charger, and included accessories neatly organized within its durable carrying case. This demonstrates proper storage and transport.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly installed. Forward/reverse switch in center (locked) position.	Charge battery. Reinstall battery securely. Move forward/reverse switch to desired direction.
Reduced power or speed.	Low battery charge. Overload.	Recharge battery. Reduce pressure on the tool or use a higher torque setting.

Problem	Possible Cause	Solution
Bit slips in chuck.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Tighten chuck firmly. Clean or replace bit.

## SPECIFICATIONS

Feature	Specification
Model	GYDC17001K32
Voltage	12V
Chuck Size	3/8 inches (10mm)
No-Load Speed	0-550 RPM
Max Torque	12 Nm
Torque Settings	16 + Drill Mode
Battery Capacity	1000mAh
Charging Time	3-5 Hours
Power Source	Battery Powered
Weight	1.3 kg
Dimensions (L x W x H)	75 x 20.5 x 24.5 cm
Included Components	Drill/Driver, Battery Charger, 6x 25mm Bits, 6x Drill Bits, 1x Connector, Carrying Case

## WARRANTY AND SUPPORT

This product comes with a 12-month manufacturer's warranty. For warranty claims, technical support, or service inquiries, please contact the manufacturer or authorized service center. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Casa Forte Distribuidora

For further assistance, please refer to the contact information provided on the product packaging or the official Goodyear tools website.

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