

Total TG1061356

Total 13mm 680W Rotary Drill Instruction Manual

Model: TG1061356 | Brand: Total

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Total 13mm 680W Rotary Drill, model TG1061356. Please read it thoroughly before use and keep it for future reference. This corded electric drill is designed for drilling in wood and metal, featuring a 13mm keyed chuck, variable speed control, and a reverse function.



Image: The Total 13mm 680W Rotary Drill, model TG1061356, shown with its auxiliary handle and chuck key. The drill features a teal body with red accents and a black power cord.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions 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:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly; avoid 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 before making any adjustments, changing accessories, or storing power tools.
- **Secure Workpiece:** Always secure the workpiece firmly before drilling to prevent movement and ensure stability.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your Total Rotary Drill:

- **Chuck:** Holds the drill bit securely. This model features a 13mm keyed chuck.
- **Chuck Key:** Used to tighten and loosen the chuck for inserting or removing drill bits.
- **Auxiliary Handle:** Provides additional grip and control during operation.
- **Depth Gauge:** Used to set a consistent drilling depth.
- **Trigger Switch:** Activates the drill. Features variable speed control.
- **Lock-on Button:** For continuous operation without holding the trigger.
- **Forward/Reverse Switch:** Changes the rotation direction for drilling or screw driving.
- **Power Cord:** Connects the drill to an electrical outlet.

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Video: A demonstration of the Total 13mm 680W Rotary Drill, model TG1061356, showcasing its components including the keyed chuck, auxiliary handle, and the forward/reverse switch. The video also highlights the variable speed trigger.

4. SETUP AND ASSEMBLY

4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by rotating it counter-clockwise.
2. Slide the handle onto the front of the drill body.
3. Adjust the handle to a comfortable position and tighten it by rotating clockwise.

4.2 Inserting a Drill Bit

1. **Ensure the drill is unplugged from the power source.**
2. Insert the chuck key into one of the holes on the chuck.
3. Rotate the chuck key counter-clockwise to open the chuck jaws.
4. Insert the drill bit fully into the chuck, ensuring it is centered.
5. Rotate the chuck key clockwise to tighten the chuck jaws firmly around the drill bit. Remove the chuck key immediately after tightening.

4.3 Setting the Depth Gauge

1. Loosen the auxiliary handle.
2. Insert the depth gauge into the hole on the auxiliary handle.
3. Adjust the depth gauge to the desired drilling depth. The tip of the drill bit should extend beyond the depth gauge by the desired depth.
4. Tighten the auxiliary handle to secure the depth gauge in place.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Variable Speed

- Plug the drill into a suitable power outlet.
- To start the drill, press the trigger switch. The drill features variable speed control; the harder you press the trigger, the faster the drill bit will rotate, up to 3000 RPM.
- For continuous operation, press the lock-on button while the trigger is depressed. To release, press the trigger again.
- To stop the drill, release the trigger switch.

5.2 Forward/Reverse Function

- The forward/reverse switch is located above the trigger.
- Push the switch to the left for forward rotation (drilling).
- Push the switch to the right for reverse rotation (removing screws or freeing a jammed drill bit).
- **Always ensure the drill has come to a complete stop before changing the direction of rotation.**

5.3 Drilling Techniques

- **Wood:** Use wood-specific drill bits. Start with a slow speed and increase as needed. Apply steady, even pressure.
- **Metal:** Use metal-specific drill bits. Apply cutting oil to the drilling area to reduce heat and friction. Start with a slow speed and maintain consistent pressure.
- **General:** Always hold the drill firmly with both hands, especially when using the auxiliary handle. Ensure the workpiece is stable and clamped if necessary.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your drill.

- **Cleaning:** After each use, wipe down the drill with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Power Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified technician.
- **Chuck Maintenance:** Keep the chuck jaws clean and free of debris to ensure proper gripping of drill bits.
- **Storage:** Store the drill in a dry, secure location out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and connections; Inspect power cord for damage; Contact service center if cord or switch is faulty.
Drill bit slips in chuck	Chuck not tightened sufficiently; Dirty chuck jaws; Damaged drill bit shank	Tighten chuck firmly with chuck key; Clean chuck jaws; Replace damaged drill bit.
Drill overheats	Overloading the drill; Blocked ventilation slots	Reduce pressure and allow the drill to cool; Clear all ventilation slots.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Total
Model Number	TG1061356

Feature	Specification
Power Source	Corded Electric
Maximum Power	680 Watts
Voltage	28V
Current	24 Amps
Drill Type	Rotary Drill
Chuck Type	Keyed Chuck
Maximum Chuck Size	13 mm
Maximum Rotational Speed	3000 RPM
Adjustable Speed	Yes (Variable Speed Trigger)
Reverse Function	Yes
Hammer Function	No
Wood Drilling Capacity	13 mm
Metal Drilling Capacity	10 mm
Product Dimensions (L x W x H)	22.9 x 6 x 12.2 cm
Item Weight	2.15 kg
Color	Multi-color
Included Components	Auxiliary Handle, Chuck Key, Depth Gauge

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Total Tools customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

If you encounter any issues or require technical assistance, please contact the manufacturer's authorized service center or your retailer. Always provide the model number (TG1061356) when seeking support.