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- › [TOTAL](#) /
- › [TOTAL TIDLI20558 Compact Brushless Cordless Impact Drill User Manual](#)

## **TOTAL TIDLI20558**

# **TOTAL TIDLI20558 Compact Brushless Cordless Impact Drill User Manual**

Model: TIDLI20558

## **1. PRODUCT OVERVIEW**

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The TOTAL TIDLI20558 is a compact brushless cordless impact drill designed for various drilling and fastening applications. It features a powerful 20V motor, delivering up to 55Nm of torque, making it suitable for both professional and DIY tasks. This drill combines durability with an ergonomic design for comfortable and efficient operation.



Figure 1: TOTAL TIDLI20558 Compact Brushless Cordless Impact Drill. This image displays the drill unit with a battery attached, showcasing its compact design and main body.

## 2. SAFETY INSTRUCTIONS

Always observe 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 such as pipes, radiators, ranges, and refrigerators. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the drill for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** 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.
- **Battery Pack Safety:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. Do not incinerate the battery pack even if it is severely damaged.

## 3. COMPONENTS

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Familiarize yourself with the main components of your TOTAL TIDLI20558 impact drill:

1. **Chuck:** Holds drill bits and other accessories.
2. **Torque Adjustment Ring:** Allows selection of desired torque setting for screwdriving.
3. **Mode Selector:** Switches between drilling, impact drilling, and screwdriving modes.
4. **Speed Selector Switch:** Controls the high/low speed range.
5. **Trigger Switch:** Activates the drill and controls variable speed.
6. **Forward/Reverse Selector:** Changes the rotation direction of the chuck.
7. **LED Work Light:** Illuminates the work area.
8. **Battery Pack:** Provides power to the drill.
9. **Battery Release Button:** Used to detach the battery pack.
10. **Handle:** Ergonomic grip for user comfort.

## 4. SETUP

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### 4.1. Battery Installation and Charging

- **Charging:** Connect the charger to a power outlet. Slide the battery pack onto the charger until it clicks into place. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before first use.
- **Installation:** Align the battery pack with the base of the drill handle. Slide the battery pack into the drill until it clicks securely into place. Ensure it is firmly seated before operation.
- **Removal:** Press the battery release button located on the battery pack and slide the battery out of the drill handle.

### 4.2. Installing and Removing Drill Bits/Accessories

- **Installation:** Rotate the chuck counter-clockwise to open the jaws. Insert the drill bit or accessory fully into the chuck. Rotate the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held.
- **Removal:** Rotate the chuck counter-clockwise to loosen the jaws and remove the drill bit or accessory.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Powering On/Off and Speed Control

- **To Power On:** Press the trigger switch. The drill speed is variable depending on how far the trigger is pressed.
- **To Power Off:** Release the trigger switch.
- **Speed Selector:** Use the speed selector switch (typically on top of the drill) to choose between low speed (for high torque applications like screwdriving) and high speed (for drilling).

### 5.2. Forward/Reverse Rotation

The forward/reverse selector switch is located above the trigger. Push it to the left for forward rotation (drilling/tightening) and to the right for reverse rotation (removing screws/backing out bits). Ensure the drill is completely stopped before changing direction.

### 5.3. Mode Selection (Drilling, Impact, Screwdriving)

Rotate the mode selector ring to choose the appropriate setting:

- **Drilling Mode:** For drilling into wood, metal, and plastics.
- **Impact Drilling Mode:** For drilling into masonry and concrete (if applicable to this model's capabilities).
- **Screwdriving Mode:** Use with the torque adjustment ring to prevent over-tightening screws.

## 5.4. Torque Adjustment

In screwdriving mode, rotate the torque adjustment ring to select the desired torque level. Lower numbers indicate lower torque for smaller screws or softer materials, while higher numbers provide more torque for larger screws or harder materials. The drill will stop driving when the selected torque is reached.

## 6. MAINTENANCE

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### 6.1. Cleaning

- Regularly clean the ventilation openings of the drill to prevent overheating.
- Use a soft, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Keep the chuck jaws free from dust and debris to ensure proper bit gripping.

### 6.2. Storage

- Store the drill and battery packs in a cool, dry place, away from direct sunlight and moisture.
- Ensure the battery pack is partially charged (around 50%) before long-term storage to prolong its lifespan.
- Store out of reach of children.

### 6.3. Battery Care

- Do not expose battery packs to extreme temperatures or direct heat.
- Avoid fully discharging the battery pack frequently, as this can reduce its overall lifespan.
- If the battery pack is not used for an extended period, recharge it every 3-6 months.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Drill does not start.	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly seated.
Loss of power during operation.	Battery charge is low.	Recharge the battery pack.
Bit slips in chuck.	Chuck not tightened sufficiently or jaws are dirty.	Tighten chuck firmly. Clean chuck jaws if necessary.
Overheating.	Blocked ventilation slots or continuous heavy use.	Clear ventilation slots. Allow the tool to cool down. Reduce load.

## 8. SPECIFICATIONS

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Feature	Detail

Feature	Detail
Model Number	TIDLI20558
Voltage	20 Volts
Maximum Torque	55 Newton Meters
Power Source	Battery Powered
Motor Type	Brushless
Item Weight	3 Kilograms
Product Dimensions	46 x 33 x 14 cm
Material	Metal
Included Components	Drill Attachment (typically includes 2 batteries and charger as per product title)

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact TOTAL customer service. Keep your purchase receipt as proof of purchase for warranty claims.

*Note: Specific warranty terms and conditions may vary by region.*