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DEWALT DCF885B

DEWALT 20V MAX* Impact Driver Instruction Manual

Model: DCF885B

Brand: DEWALT

Product Overview

The DEWALT DCF885B 20V MAX* Lithium Ion 1/4-inch Impact Driver is engineered for efficiency and durability. Its compact and lightweight design allows for access into tight spaces, enhancing productivity on various tasks. Equipped with three LEDs, it provides excellent visibility in low-light conditions, ensuring precise operation.



Image: DEWALT 20V MAX* Impact Driver DCF885B, showing its compact design and yellow and black casing.

Key Features:

- **Compact Design:** Fits into tight areas with a 5.55-inch front-to-back design.
- **Enhanced Visibility:** Features 3 LEDs with a 20-second delay after trigger release to illuminate the work area without shadows.
- **Quick Bit Changes:** 1/4-inch hex chuck allows for one-handed loading and accepts 1-inch bit tips.
- **Portability:** Includes a belt hook for convenient carrying and access.
- **Durable Construction:** Designed to withstand demanding job site conditions.

Setup

1. Battery Installation (Battery Sold Separately):

Ensure the impact driver is turned off before installing or removing the battery. Align the battery pack with the receptacle on the tool's base and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery out.

2. Bit Installation:

The DCF885B features a 1/4-inch hex chuck for quick and easy bit changes. To insert a bit, simply push the bit firmly into the chuck until it locks. To remove, pull the collar forward and the bit will release.





Image: DEWALT Impact Driver showing the belt hook attachment point.

3. Belt Hook Attachment:

The included belt hook can be attached to either side of the tool for user convenience. Use a screwdriver to secure the belt hook to the designated screw hole on the tool's base.

Operating Instructions

1. Powering On/Off and Variable Speed:

To operate the impact driver, depress the trigger switch. The tool features a variable speed trigger, allowing you to control the speed from 0 to 2800 RPM by varying the pressure applied to the trigger. Release the trigger to turn the tool off.

2. LED Work Light:

The three integrated LED lights activate when the trigger is depressed, illuminating the work surface. The lights remain on for approximately 20 seconds after the trigger is released, providing continued visibility.



Image: Close-up of the DEWALT Impact Driver's head, highlighting the 3-LED light ring for improved visibility.

3. Driving Screws:

1. Select the appropriate bit for your fastener.
2. Insert the bit into the chuck.
3. Position the fastener on the workpiece.
4. Apply firm, steady pressure to the tool and slowly depress the trigger to start driving the fastener. Increase pressure on the trigger to increase speed as needed.
5. The impact mechanism will engage automatically when resistance is met, providing additional torque to drive the fastener fully.

Safety Precautions:

- Always wear appropriate personal protective equipment, including safety glasses.
- Ensure the workpiece is stable and secured before operation.
- Keep hands and loose clothing away from moving parts.
- Do not force the tool; let the impact mechanism do the work.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your DEWALT Impact Driver.

1. Cleaning:

Periodically clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep the ventilation openings clear of dust and debris to prevent overheating.

2. Battery Care:

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Fully charge batteries before storage and recharge them periodically if not in use for extended periods to maintain battery health.

3. Bit and Chuck Inspection:

Inspect bits for wear or damage before each use. Ensure the chuck mechanism is clean and free of debris to allow for smooth bit insertion and removal.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not turn on.	Battery not charged or improperly installed.	Ensure battery is fully charged and properly seated in the tool.
Reduced power or intermittent operation.	Low battery charge; excessive load; dirty contacts.	Recharge battery; reduce load; clean battery and tool contacts.

Problem	Possible Cause	Solution
Bit not holding securely in chuck.	Chuck mechanism is dirty or damaged; incorrect bit type.	Clean chuck mechanism; ensure bit is 1/4-inch hex shank; if damaged, seek professional service.

If problems persist after attempting these solutions, please contact DEWALT customer support or an authorized service center.

Specifications

Feature	Detail
Brand	DEWALT
Model Number	DCF885B
Power Source	Battery Powered
Voltage	20 Volts
Maximum Rotational Speed	2800 RPM
Item Torque	1400 Inch Pounds
Maximum Chuck Size	6.35 Millimeters (1/4 inch)
Item Weight	2 Pounds
Product Dimensions	9.37"L x 5.5"W x 3.9"H
Included Components	DCF885 1/4 in Impact Driver, Belt Hook

Warranty & Support

This DEWALT product comes with a**3 Year Limited Warranty**. For detailed warranty information, terms, and conditions, please refer to the official DEWALT warranty documentation included with your purchase or visit the official DEWALT website.

For technical assistance, service, or to locate an authorized service center, please contact DEWALT customer support:

- **Online Support:** Visit the official DEWALT website for FAQs, product registration, and support resources.
- **Phone Support:** Refer to your product packaging or the DEWALT website for regional contact numbers.

Always use genuine DEWALT replacement parts and accessories to ensure product safety and maintain warranty validity.

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