DEWALT DCL050

DEWALT 20V MAX LED Work Light (DCL050) Instruction Manual

Model: DCL050

Introduction

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your DEWALT 20V MAX LED Work Light, model DCL050. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury.

Safety Information

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

- **Battery Safety:** This tool operates on a DEWALT 20V MAX Lithium-Ion battery (sold separately). Ensure the battery is fully charged before use. Do not expose batteries to water or extreme temperatures.
- **Work Area:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Eye Protection:** Always wear appropriate eye protection when operating power tools or working in illuminated areas.
- **Light Source:** Do not stare directly into the LED light. The intense light can cause temporary vision impairment.
- **Maintenance:** Disconnect the battery pack before performing any maintenance or cleaning.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Product Overview

The DEWALT DCL050 is a versatile 20V MAX LED work light designed to illuminate dark jobsite work areas. It features a durable construction and multiple positioning options.



Figure 1: The DEWALT DCL050 20V MAX LED Work Light, showcasing its compact and robust design.

Key Features:

- **Bright LED Illumination:** Equipped with 3 bright LEDs to effectively light up dark spaces.
- **Dual Brightness Settings:** Offers a high setting of 1000 lumens and a low setting of 300 lumens for varied lighting needs.
- **140-Degree Pivoting Head:** The head pivots 140 degrees, providing flexibility to direct light precisely where needed.
- **Integrated Hook:** Features a built-in telescoping and 360-degree rotating hook, allowing the unit to hang from 2-inch materials and various locations.

- **Durable Lens Cover:** An over-molded lens cover enhances durability and provides a non-marring surface.
- **Belt Hook Compatibility:** Designed to accept a belt hook accessory (sold separately) for convenient transport.

Setup

The DEWALT DCL050 is sold as a bare tool, meaning the battery and charger are not included. You will need a DEWALT 20V MAX Lithium-Ion battery and compatible charger to operate this work light.

Battery Installation:

1. Ensure the work light is turned off.
2. Align the battery pack with the receptacle on the base of the work light.
3. Slide the battery pack into the receptacle until it clicks securely into place. Ensure it is fully seated to prevent accidental dislodgement during use.

Battery Removal:

1. Press the battery release button located on the battery pack.
2. Slide the battery pack out of the tool.

Operating Instructions

Once the battery is installed, the DEWALT DCL050 is ready for operation.

Turning On/Off and Brightness Adjustment:

- Press the trigger switch once to activate the light in **High (1000 Lumens)** mode.
- Press the trigger switch a second time to switch to **Low (300 Lumens)** mode.
- Press the trigger switch a third time to turn the light **Off**.

Pivoting Head Adjustment:

The light head can be pivoted 140 degrees to direct the beam. Gently adjust the head to the desired angle. It will click into position, maintaining stability.

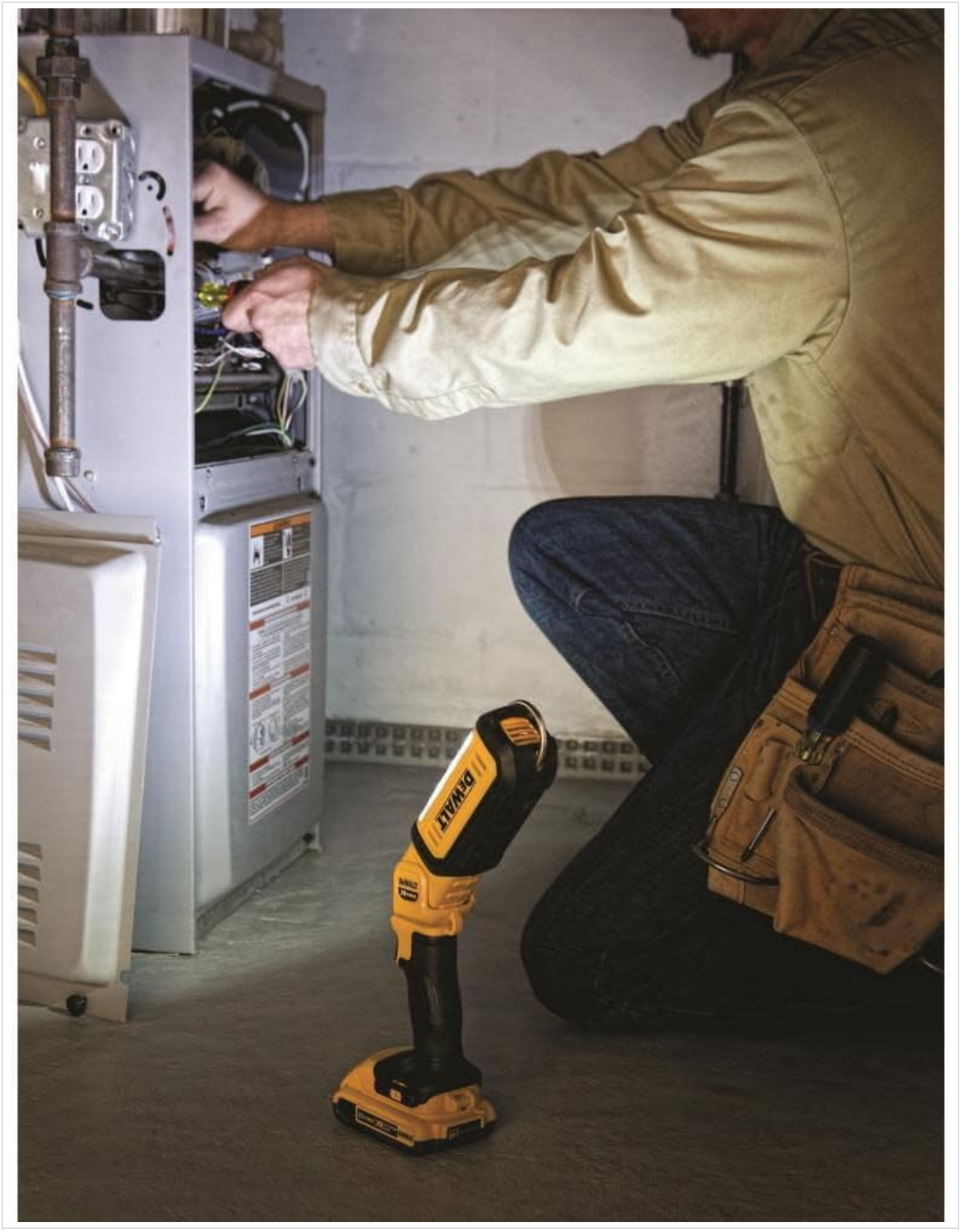


Figure 2: The DCL050 positioned on a surface, with its pivoting head directing light into a furnace for maintenance.

Using the Integrated Hook:

The built-in hook allows for hands-free operation.

1. Extend the telescoping hook from the top of the light.
2. Rotate the hook 360 degrees to orient the light as needed.
3. Hang the light from pipes, rafters, or other suitable structures up to 2 inches thick.

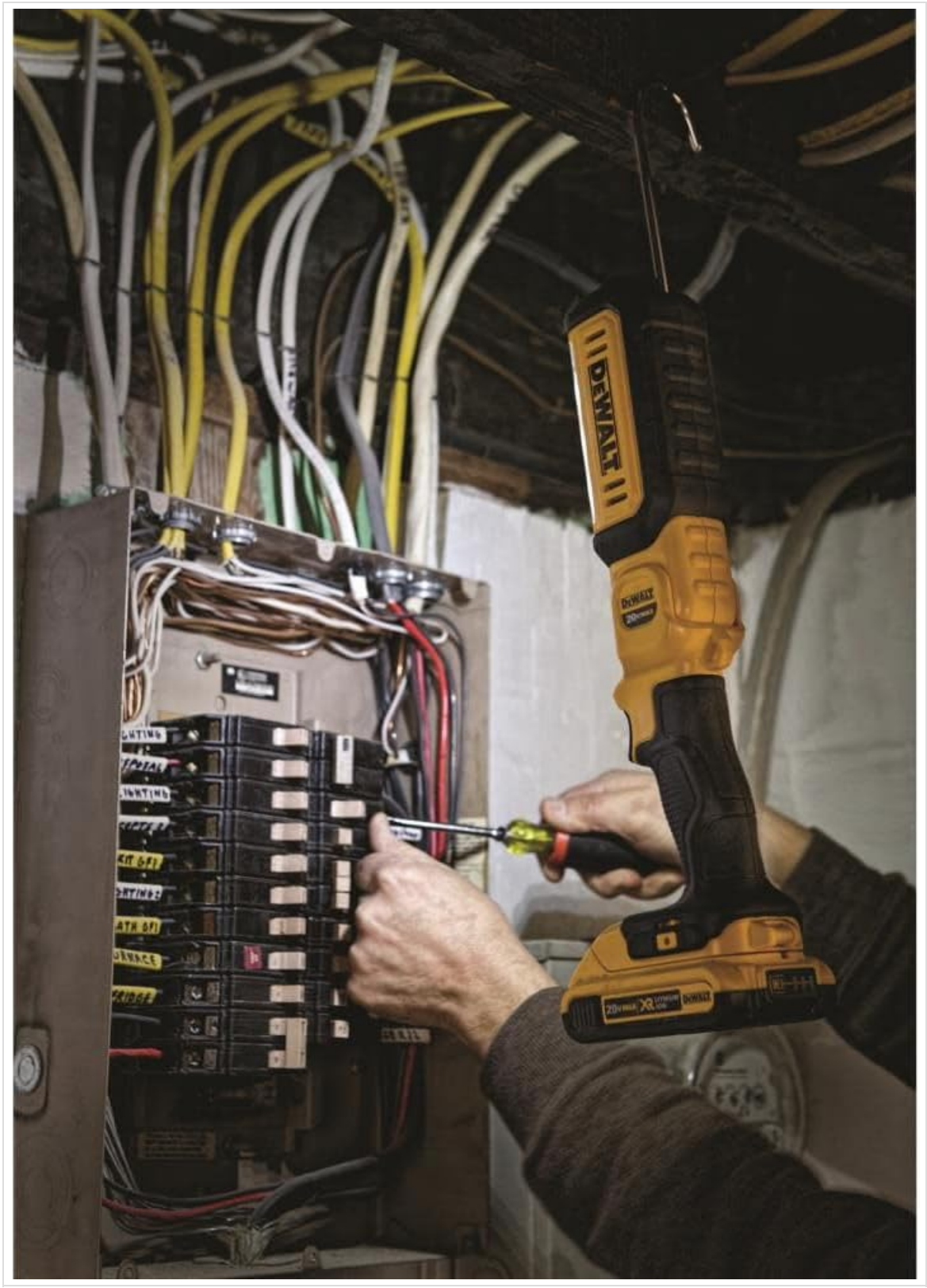


Figure 3: The DCL050 hanging from overhead wiring, demonstrating the utility of its integrated hook for hands-free illumination.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your DEWALT DCL050 work light.

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the light. Do not use harsh chemicals or abrasive cleaners. Keep the lens cover free of dirt and debris for maximum light output.
- **Storage:** Store the work light in a dry, secure location out of reach of children. Remove the battery pack if storing for extended periods.
- **Battery Care:** Follow the instructions provided with your DEWALT 20V MAX battery and charger for proper charging

and storage.

Troubleshooting

If you encounter issues with your DEWALT DCL050, refer to the following common solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery if necessary.
Light output is dim.	Battery is low on charge.	Charge the battery pack.
Light head does not pivot smoothly.	Debris in pivot mechanism.	Clean around the pivot points. Do not force movement.

Specifications

Feature	Specification
Brand	DEWALT
Model Number	DCL050
Voltage	20 Volts (DC)
Power Source	Battery Powered
Luminous Flux (High)	1000 Lumens
Luminous Flux (Low)	300 Lumens
Wattage	15 watts
Type of Bulb	LED
Item Weight	0.21 Kilograms (7.4 ounces)
Product Dimensions (L x W x H)	8.2 x 2.8 x 8.87 inches
Special Features	Portable, Rechargeable, Pivoting Head, Integrated Hook

Warranty and Support

DEWALT provides a limited warranty for this product.

Warranty Information:

This DEWALT product comes with a **3-year limited warranty**, **1 year of free service**, and a **90-day money-back guarantee**. For full warranty details, please refer to the official DEWALT warranty statement or visit the DEWALT website.



Figure 4: DEWALT's standard tool warranty information.

Customer Support:

For technical assistance, replacement parts, or warranty claims, please contact DEWALT customer service or visit their official website. You can also refer to the official User Manual (PDF) for additional information.



Figure 5: The DEWALT 20V MAX system, highlighting the compatibility of the DCL050 with a wide range of DEWALT tools and batteries.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question