Ecarke Cordless Grease Gun 20V for DeWalt

Ecarke Cordless Grease Gun User Manual

Model: Cordless Grease Gun 20V for DeWalt

Introduction

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Ecarke Cordless Grease Gun. This tool is designed for efficient lubrication tasks, offering up to 12,000 PSI and an 8 oz/min flow rate. It is compatible with DeWalt 20V lithium-ion batteries (DCB200, DCB201, DCB203, DCB204, DCB205, DCB206) and supports both standard 14 oz grease cartridges and bulk grease.
Please read this manual thoroughly before using the product to ensure proper function and safety.

Safety Information

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

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the work area is clean and well-lit.
- Keep children and bystanders away while operating the tool.
- Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Use only specified grease types (NLGI #0, #1, and #2).
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Do not force the tool. Use the correct tool for your application.
- Maintain tools with care. Keep cutting tools sharp and clean.
- Store idle tools out of reach of children and untrained persons.

What's in the Box

Your Ecarke Cordless Grease Gun package includes the following components:

- Cordless Grease Gun (Battery Not Included)
- Grease Gun Coupler Kit (includes Lock-on coupler, 90° coupler, Pointed tip coupler, Straight coupling)

- 39-inch Spring Flex Hose
- Storage Case
- Portable Shoulder Strap
- Metal Extension Tube
- Wrench



Image: The kit includes the main grease gun body, various couplers, a flexible hose, a shoulder strap, and a storage case.



Image: A visual breakdown of the components: Main Body, Metal Extension Tube, Lock-Clamp Coupling, 90° Coupling, Flat-Head Coupling, Pointed Tip, Wrench, Shoulder Strap, and 39.4" Flexible Hose.

Setup

Battery Installation

This grease gun is designed to be compatible with DeWalt 20V lithium-ion batteries (DCB200, DCB201, DCB203, DCB204, DCB205, DCB206). Ensure the battery is fully charged before use.

1. Align the battery pack with the battery port on the bottom of the grease gun handle.
2. Slide the battery pack into the port until it clicks securely into place.
3. To remove, press the battery release button and slide the battery pack out.



Image: Illustration of battery compatibility and installation. Note: Battery and charger are not included with the tool.

Loading Grease (Cartridge or Bulk)

The grease gun supports both standard 14 oz grease cartridges and bulk grease. Always use NLGI #0, #1, or #2 grease.



Image: The grease gun is compatible with both 14 oz grease cartridges and bulk grease.

For 14 oz Grease Cartridges:

1. Unscrew the barrel from the gun head.
2. Pull the plunger rod all the way back and lock it into place.
3. Remove both ends of the grease cartridge.
4. Insert the cartridge into the barrel.
5. Reattach the barrel to the gun head.
6. Release the plunger rod.

For Bulk Grease:

1. Unscrew the barrel from the gun head.
2. Pull the plunger rod all the way back and lock it into place.
3. Fill the barrel directly with bulk grease.
4. Reattach the barrel to the gun head.

5. Release the plunger rod.

Important: After loading grease, it is crucial to purge any air from the system to ensure proper operation. Loosen the air bleed valve (usually a small knob or screw near the hose connection) until grease begins to flow, then tighten it.

Your browser does not support the video tag.

Video: This video demonstrates how to load grease and purge air from the Ecarke Cordless Grease Gun.

Operating Instructions

General Operation

1. Ensure the grease gun is properly loaded and air is purged.
2. Attach the desired coupler (e.g., lock-on, 90-degree) to the flexible hose or metal extension tube.
3. Connect the coupler firmly to the grease fitting on the equipment to be lubricated.
4. Press the trigger to dispense grease. Release the trigger to stop the flow.
5. Monitor the amount of grease dispensed to avoid over-lubrication.
6. After greasing, disconnect the coupler from the fitting.



Image: The grease gun provides a fast flow rate of 8 oz/min for efficient lubrication.

2-in-1 Rotating Handle

The handle can be rotated to switch between a pistol grip for tight spaces and a straight grip for extended reach or heavy-duty applications.

- **Pistol Grip:** Ideal for maneuvering in confined areas.
- **Straight Grip:** Provides better leverage and control for applications requiring more force or reach.



Image: The handle can be adjusted to a pistol grip or straight grip for versatility.

LED Work Light

The integrated LED light illuminates the work area, which is particularly useful in dark or hard-to-reach locations. The light activates automatically when the trigger is pressed.



Image: The built-in LED work light helps illuminate dark or confined spaces during operation.

Flexible Hose and Couplers

The 39-inch flexible hose allows access to grease fittings in challenging locations. The kit includes four versatile couplers:

- **Lock-on Coupler:** Provides a secure, leak-free connection for hands-free greasing.
- **90° Coupler:** Designed for reaching fittings at awkward angles.
- **Pointed Tip Coupler:** For specific types of grease fittings.
- **Straight Coupling:** Standard coupler for general use.



Image: The 39.4-inch flexible hose allows access to hard-to-reach grease points.



Image: The kit includes a lock-on coupler, 90-degree grease coupler, straight coupler, and pointed tip for various applications.

Maintenance

- **Cleaning:** Keep the tool clean and free of grease and debris. Use a damp cloth to wipe down the exterior. Do not use harsh chemicals or solvents.
- **Storage:** Store the grease gun in its carrying case in a dry, secure location, out of reach of children. Remove the battery pack before storage.
- **Couplers and Hose:** Regularly inspect couplers and the flexible hose for wear or damage. Replace any damaged components immediately to prevent leaks and ensure efficient operation.
- **Plunger Rod:** Ensure the plunger rod moves freely. If it becomes stiff, clean it and apply a light lubricant.

Troubleshooting

Problem	Possible Cause	Solution
No grease flow	Air trapped in the system	Purge air by loosening the air bleed valve until grease flows, then retighten.
No grease flow	Empty grease cartridge/barrel	Replace grease cartridge or refill with bulk grease.
No grease flow	Clogged coupler or fitting	Clean or replace the coupler. Clean the grease fitting on the equipment.
Gun not turning on	Battery not installed correctly or discharged	Ensure battery is fully seated. Charge or replace the battery.
Grease leakage	Loose connections or damaged hose/coupler	Tighten all connections. Inspect and replace damaged hose or couplers.

Specifications

- **Brand:** Ecarke
- **Model:** Cordless Grease Gun 20V for DeWalt
- **Max Pressure:** 12,000 PSI
- **Flow Rate:** 8 oz/min
- **Battery Compatibility:** DeWalt 20V Lithium-Ion (DCB200, DCB201, DCB203, DCB204, DCB205, DCB206) - **Battery & Charger Not Included**
- **Grease Type:** NLGI #0, #1, #2
- **Grease Loading:** 14 oz Cartridge or Bulk
- **Hose Length:** 39 inches
- **Item Weight:** Approximately 10.38 pounds
- **Package Dimensions:** 17.36 x 13.54 x 5.08 inches



Image: The grease gun delivers up to 12,000 PSI and a fast flow rate of 8 oz/min.



Image: The kit includes various couplers for different greasing needs.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Ecarke website. Keep your purchase receipt as proof of purchase for any warranty claims.

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