

DIYtoolifz Electric Grease Gun

DIYtoolifz Cordless Grease Gun Instruction Manual

Model: Electric Grease Gun (Compatible with DeWalt 20V Batteries)

1. INTRODUCTION

Thank you for choosing the DIYtoolifz Cordless Grease Gun. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before initial use and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating the grease gun.

- Ensure the work area is well-lit and clear of obstructions.
- Do not operate the grease gun near flammable materials or in explosive atmospheres.
- Always disconnect the battery pack before performing any adjustments, changing accessories, or storing the tool.
- Use only recommended grease types (NLGI #0, #1, #2).
- Keep hands and clothing away from moving parts.
- Do not point the grease gun nozzle at yourself or others. High-pressure grease can penetrate skin and cause serious injury. Seek immediate medical attention if skin penetration occurs.
- Store the tool and accessories in a secure, dry place, out of reach of children.

3. SETUP

3.1. Battery Installation

This grease gun is compatible with DeWalt 20V battery packs (e.g., DCB204, DCB205, DCB206, DCB208). For optimal performance and sustained 12,000 PSI pressure, a 4.0Ah or higher capacity battery is recommended. (Battery and charger are not included).

DIYTOOLIFZ

Battery Not Included

4.0Ah & HIGHER RECOMMENDED

4AH DCB204	5AH DCB205
6AH DCB206	8AH DCB208

2.0Ah & LOWER NOT ADVISED

2AH DCB202

COMPATIBLE WITH DEWALT 20V BATTERIES

— Use Your Existing Power Tools Ecosystem —

Figure 3.1: Battery compatibility and recommendations.

3.2. Loading Grease

The grease gun supports both 14 oz standard grease cartridges and bulk grease loading.

1. To load a cartridge: Unscrew the barrel from the gun head. Insert a 14 oz grease cartridge, ensuring the pull-tab is removed. Reattach the barrel securely.
2. To load bulk grease: Unscrew the barrel. Use a spatula or similar tool to fill the barrel with bulk grease. Ensure the plunger is fully retracted before filling. Reattach the barrel securely.



Figure 3.2: Dual loading system for cartridge and bulk grease.

3.3. Purging Air

Before first use or after changing grease, it is crucial to purge air from the system to ensure proper operation.

1. Loosen the air bleed valve (typically a small knob near the hose connection) by rotating it counter-clockwise approximately two turns.
2. Press the trigger until grease (not air) begins to emerge from the nozzle.
3. Firmly close the air bleed valve by rotating it clockwise.

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Video 3.1: This video demonstrates the proper installation of a grease cartridge, purging air from the system, and basic operation of the cordless grease gun.

3.4. Attaching Hose and Couplers

The grease gun comes with a 39.4-inch flexible hose and four versatile couplers (90°, lock-on, pointed tip, standard) to suit various greasing needs.

1. Screw the flexible hose securely onto the grease gun's outlet.
2. Select the appropriate coupler for your application and attach it to the end of the flexible hose. Ensure a tight connection to prevent leaks.

39.4"

LONG FLEXIBLE HOSE GET INTO TIGHT SPACES

Grease Hard-to-Reach Fittings with Ease



Figure 3.3: The 39.4-inch flexible hose allows access to hard-to-reach fittings.

4 VERSATILE COUPLERS

— The Right Tool for Every Greasing Job —



Figure 3.4: The four versatile couplers for different greasing applications.

4. OPERATING INSTRUCTIONS

4.1. Adjusting the Handle

The 2-in-1 rotating handle allows for quick switching between a pistol grip for precision in tight spaces and a straight grip for extended reach and leverage.

1. To adjust, locate the handle rotation mechanism.
2. Rotate the handle to the desired position (pistol or straight) until it locks securely into place.



Figure 4.1: The 2-in-1 rotating handle for versatile grip options.

4.2. Using the LED Work Light

The built-in LED work light illuminates dark or hard-to-reach areas, ensuring precise lubrication.

1. The LED light activates automatically when the trigger is pressed.
2. Position the grease gun to direct the light onto the fitting you intend to grease.



Figure 4.2: Built-in LED light for illuminating work areas.

4.3. Greasing Procedure

1. Ensure the battery is charged and properly installed.
2. Attach the appropriate coupler to the grease fitting. For lock-on couplers, align the coupler over the fitting, press the levers until it clicks, then pull the trigger. To disconnect, press the levers again.
3. Press the trigger to dispense grease. The gun delivers a fast 8 oz/min flow rate and up to 12,000 PSI pressure.
4. Release the trigger when the desired amount of grease has been applied.

Your browser does not support the video tag.

Video 4.1: An overview video showcasing the DIYtoolifz cordless grease gun's features, including its compatibility with DeWalt 20V batteries, high-pressure output, and ease of use in various applications.

5. MAINTENANCE

5.1. Cleaning

- Regularly wipe down the grease gun and hose with a clean cloth to remove excess grease and debris.
- Clean couplers after each use to prevent clogging and ensure proper connection.

5.2. Storage

Store the grease gun and its accessories in the provided sturdy hard carrying case. This protects the tool from damage and keeps all components organized.



Figure 5.1: The custom-fitted hard carrying case for organized storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No grease dispensed	Air in the system	Purge air from the system (refer to Section 3.3).
	Empty grease cartridge/barrel	Replace cartridge or refill with bulk grease.
	Clogged nozzle or coupler	Clean or replace the nozzle/coupler.
Weak grease flow	Low battery charge	Recharge or replace the battery.
	Incorrect grease type	Ensure compatible grease (NLGI #0, #1, #2) is used.
Grease leaks from connections	Loose hose or coupler connection	Tighten all connections securely.
	Damaged hose or coupler	Replace damaged components.

7. SPECIFICATIONS

Feature	Specification
Brand	DIYtoolifz
Model	Electric Grease Gun
Compatibility	DeWalt 20V Battery (Tool Only)
Maximum Pressure	12,000 PSI
Flow Rate	8 oz/min
Grease Capacity	14 oz Cartridge / Bulk Grease
Grease Type Compatibility	NLGI #0, #1, #2
Hose Length	39.4 inches
Features	2-in-1 Rotating Handle, LED Work Light, Shoulder Strap, Hard Carrying Case
Item Weight	10.65 pounds
Package Dimensions	17.32 x 13.7 x 5.16 inches

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the contact information provided with your product packaging or visit the official DIYtoolifz website. Keep your purchase receipt as proof of purchase.