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Wisehigh Grease Gun Cordless-SL-LD-B003

Wisehigh Cordless Grease Gun for Dewalt 20V Max Battery

Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Wisehigh Cordless Grease Gun. Please read this manual thoroughly before using the product and retain it for future reference. This tool is designed for lubricating machinery and equipment requiring grease application, offering up to 12,000 PSI pressure and compatibility with Dewalt 20V MAX batteries (battery not included).



Image 1.1: The Wisehigh Cordless Grease Gun, showcasing its main components including the battery slot and grease reservoir.

2. Safety Instructions

Always follow basic safety precautions to reduce the risk of personal injury and damage to the equipment. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, gloves, and suitable work attire.
- **Use the correct battery:** This grease gun is compatible with Dewalt 20V MAX batteries (DCB-201, DCB-202, DCB-203, DCB-204, DCB-205, DCB-206). Do not use other battery types.
- **Disconnect battery:** Always remove the battery pack before making any adjustments, changing accessories, or storing the tool.
- **Secure work area:** Ensure the work area is well-lit and free from obstructions.
- **Avoid accidental starting:** Ensure the trigger is in the OFF position before inserting the battery pack.
- **Do not over-pressurize:** The maximum pressure is 12,000 PSI. Do not exceed the recommended pressure

for the equipment being lubricated.

- **Handle grease safely:** Grease can be slippery. Clean up spills immediately. Refer to the grease manufacturer's safety data sheet.
- **Keep children away:** Do not allow children or untrained individuals to operate this tool.
- **Store properly:** Store the tool in a dry, secure place out of reach of children.

3. Package Contents

Verify that all items listed below are present in your package. If any parts are missing or damaged, contact customer service.

- 1 x Cordless Grease Gun
- 1 x 39.4-inch Flexible Hose
- 1 x Extension Pipe
- 1 x Sharp Type Nozzle
- 1 x Normal Coupler
- 1 x Quick Release Coupler
- 1 x Gloves
- 1 x Instruction Manual (this document)
- 1 x Plastic Storage Box



Image 3.1: Visual representation of the complete package contents, including the grease gun, hose, nozzles, and storage case.

4. Specifications

Brand	Wisehigh
Model	Grease Gun Cordless-SL-LD-B003
Maximum Pressure	12,000 PSI
Hose Length	39.4 inches (Flexible)
Grease Capacity	14 OZ. cartridges or 400CC bulk grease
Compatible Grease Types	Up to NLGI #2
Battery Compatibility	Dewalt 20V MAX (DCB-201, DCB-202, DCB-203, DCB-204, DCB-205, DCB-206) - *Battery not included*

Features	Variable Speed Trigger, LED Light, Air Cooling System, Double Seal Design
Item Weight	4.29 kg

5. Setup

5.1. Battery Installation

1. Ensure the grease gun's trigger is in the OFF position.
2. Align the Dewalt 20V MAX battery (not included) with the battery port on the grease gun handle.
3. Slide the battery into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

5.2. Grease Loading

The grease gun supports 14 OZ. cartridges or 400CC bulk grease. Always wear gloves during this process.



Image 5.1: Various methods for loading grease into the gun, including cartridge, bulk, filler pump, and suction loading.

Cartridge Loading:

1. Unscrew the barrel from the grease gun head.
2. Pull the plunger rod all the way back and lock it into place.
3. Remove the cap from one end of the grease cartridge and insert the cartridge into the barrel.
4. Remove the seal from the other end of the cartridge.
5. Screw the barrel back onto the grease gun head.
6. Release the plunger rod.

Bulk Loading (Filler Pump or Suction):

1. Unscrew the barrel from the grease gun head.
2. Pull the plunger rod all the way back and lock it into place.
3. **For Filler Pump:** Attach a filler pump to the grease gun's filler nipple and pump grease into the barrel.
4. **For Suction:** Submerge the open end of the barrel into bulk grease and slowly push the plunger rod forward to draw grease into the barrel.
5. Once filled, screw the barrel back onto the grease gun head.
6. Release the plunger rod.

5.3. Hose and Coupler Attachment

1. Screw the flexible hose onto the outlet port of the grease gun head until hand-tight.
2. Attach the desired coupler (Normal, Quick Release, or Sharp Type Nozzle) to the end of the flexible hose or extension pipe. Ensure it is securely tightened.

6. Operating Instructions

6.1. Priming the Grease Gun

After loading grease, it may be necessary to prime the gun to remove air pockets.

1. Point the nozzle into a waste container.
2. Press the air bleed valve (if present, typically a small button or screw near the barrel) to release trapped air.
3. Slowly press the trigger until grease begins to flow smoothly.

6.2. Applying Grease

1. Ensure the grease fitting on the equipment is clean.
2. Attach the coupler firmly onto the grease fitting. You may hear a click when it's properly seated.
3. Press the variable speed trigger to dispense grease. The flow rate can be adjusted by varying the pressure on the trigger.
4. Observe the equipment for signs of proper lubrication (e.g., grease oozing from the fitting, indicator changing). Avoid over-greasing.
5. Release the trigger to stop the grease flow.
6. To detach the coupler, twist slightly while pulling it off the fitting.



Image 6.1: Demonstrating the use of the 39.4-inch flexible hose to access a grease fitting on industrial equipment.

6.3. LED Light Operation

The integrated LED light illuminates the work area for improved visibility in low-light conditions. It typically activates automatically when the trigger is pressed or can be manually switched on/off via a dedicated button (refer to the tool for specific button location if applicable).



Image 6.2: The LED light feature providing illumination for precise grease application in dark environments.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your grease gun.

- **Cleaning:** After each use, wipe down the grease gun with a clean cloth to remove any excess grease or dirt. Do not use harsh chemicals or solvents.
- **Coupler Inspection:** Regularly inspect couplers and hoses for wear, damage, or leaks. Replace worn parts immediately.
- **Storage:** Store the grease gun in its plastic storage box in a dry, cool place, away from direct sunlight and moisture. Remove the battery before storage.
- **Air Bleed Valve:** Ensure the air bleed valve is functioning correctly to prevent air locks.
- **Battery Care:** Follow the battery manufacturer's instructions for charging and storage.



Image 7.1: The grease gun and its carrying case, emphasizing convenient transport and storage.

8. Troubleshooting

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No grease flow	Air lock in the system; Empty grease cartridge/reservoir; Clogged nozzle/coupler; Dead battery.	Prime the grease gun (Section 6.1); Replace grease cartridge or refill bulk grease; Clean or replace nozzle/coupler; Charge or replace battery.
Low pressure or inconsistent flow	Air in the system; Worn plunger seal; Incorrect grease type; Partially clogged fitting.	Prime the grease gun; Inspect and replace plunger seal if worn; Ensure correct grease type (NLGI #2 max); Clean or replace grease fitting.
Grease leaks from coupler	Coupler not properly seated; Worn coupler jaws or seal.	Ensure coupler is firmly attached to the fitting; Replace worn coupler.
Gun does not turn on	Battery not installed correctly; Battery discharged; Tool malfunction.	Re-install battery securely; Charge battery; If problem persists, contact customer support.

9. Warranty and Support

Wisehigh products are manufactured to high-quality standards. For warranty information, technical support, or to order replacement parts, please refer to the contact information provided with your purchase or visit the official Wisehigh website. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, please contact Wisehigh customer service.

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