

RIDGID R860445B

RIDGID 18-Volt Cordless Grease Gun R860445B Instruction Manual

Model: R860445B

1. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow these warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** This tool is cordless. Use only the specified battery pack and charger for this tool. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Do not overreach. Maintain proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- **Grease Safety:** Always use appropriate personal protective equipment when handling grease. Refer to the Material Safety Data Sheet (MSDS) for the specific grease being used.

2. PRODUCT OVERVIEW

The RIDGID 18-Volt Cordless Grease Gun R860445B is designed for efficient lubrication tasks, offering portability and power. This tool is capable of delivering up to 10,000 PSI of pressure or a maximum flow rate of 9 oz./minute, providing versatility for various applications.



Image: The RIDGID 18-Volt Cordless Grease Gun R860445B, showing its orange and black body, silver grease tube, and flexible hose with coupler.

Key features include a 2-speed design for adapting to different lubrication needs, a preset grease counter dial for accurate dispensing, and a 39-inch flexible hose with a right-angle coupler for accessing hard-to-reach areas.



Image: A different perspective of the RIDGID 18-Volt Cordless Grease Gun R860445B, highlighting the handle and battery slot.

Note: This product is sold as a 'Tool Only' unit. Battery and charger are sold separately.

BATTERY & CHARGER SOLD SEPARATELY

Image: A graphic indicating that the battery and charger are sold separately.

This item is factory reconditioned and may not be eligible for the standard RIDGID Lifetime Service Agreement.

This item is Factory Reconditioned

Image: A graphic indicating that the item is factory reconditioned.

NOT ELIGIBLE FOR THE LIFETIME SERVICE AGREEMENT

Image: A graphic indicating that the product is not eligible for the Lifetime Service Agreement.

3. SETUP

3.1. Installing the Battery Pack

1. Ensure the grease gun is turned off.
2. Align the battery pack with the battery port on the tool.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery pack out.

3.2. Loading a Grease Cartridge

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 the grease cartridge and insert the open end into the barrel.
4. Remove the seal from the other end of the cartridge.

5. Screw the barrel back onto the grease gun head until hand-tight.
6. Release the plunger rod.

3.3. Attaching the Hose and Coupler

1. Thread the flexible hose onto the outlet port of the grease gun head. Tighten securely.
2. Attach the right-angle coupler to the end of the flexible hose.

4. OPERATING INSTRUCTIONS

4.1. Priming the Grease Gun

Before first use or after changing a cartridge, the grease gun may need to be primed.

1. Point the nozzle into a waste container.
2. Press the trigger repeatedly until grease begins to flow smoothly.

4.2. Selecting Speed

The grease gun features a 2-speed selector switch:

- **Speed 1 (Low):** Provides maximum pressure for pushing out old, built-up grease.
- **Speed 2 (High):** Provides maximum flow rate (9 oz./minute) for quicker lubrication.

Select the appropriate speed based on your application requirements.

4.3. Using the Preset Grease Counter

The preset grease counter dial allows for accurate dispensing of grease.

1. Rotate the dial to the desired number of grease shots.
2. Connect the coupler to the grease fitting.
3. Press the trigger. The gun will dispense the preset amount and stop automatically.
4. To dispense continuously, set the dial to the 'C' (Continuous) position.

4.4. Lubrication Procedure

1. Clean the grease fitting before attaching the coupler.
2. Firmly attach the coupler to the grease fitting.
3. Press the trigger to dispense grease. Observe the component being lubricated for signs of proper greasing (e.g., grease oozing from seals).
4. Release the trigger to stop the flow.
5. To remove the coupler, twist it slightly while pulling it straight off the fitting.

5. MAINTENANCE

5.1. Cleaning

- Always disconnect the battery pack before cleaning.
- Wipe the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the air vents clear of debris to ensure proper motor cooling.

5.2. Storage

- Store the grease gun in a clean, dry place, out of reach of children.
- Remove the battery pack from the tool before storing for extended periods.
- Store grease cartridges in a cool, dry environment.

5.3. Hose and Coupler Care

- Inspect the flexible hose and coupler regularly for wear, damage, or leaks. Replace if necessary.
- Ensure the coupler is clean and free of debris to maintain a good seal with grease fittings.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No grease flow	Air pocket in grease gun; Empty grease cartridge; Clogged coupler/fitting; Battery low/dead	Prime the grease gun; Replace cartridge; Clean/replace coupler; Charge/replace battery
Low pressure/weak flow	Air pocket; Incorrect speed setting; Worn pump components; Battery low	Prime the grease gun; Select Speed 1; Contact service for inspection; Charge/replace battery
Grease leaks from coupler	Worn coupler jaws; Improper connection to fitting	Replace coupler; Ensure firm, straight connection to fitting
Tool does not turn on	Battery not installed correctly; Battery dead; Tool malfunction	Reinstall battery; Charge battery; Contact service

7. SPECIFICATIONS

- **Model:** R860445B
- **Brand:** RIDGID
- **Power Source:** 18-Volt Battery (Sold Separately)
- **Maximum Output Pressure:** 10,000 PSI
- **Maximum Flow Rate:** 9 oz./minute
- **Speed Settings:** 2-speed (Max Pressure / Max Flow)
- **Hose Length:** 39 inches
- **Weight (Tool Only):** Approximately 7.5 pounds

- **Compatibility:** 100% compatible with all RIDGID 18V batteries

8. WARRANTY AND SUPPORT

This RIDGID 18-Volt Cordless Grease Gun R860445B is a factory reconditioned product. As such, it may not be eligible for the standard manufacturer's warranty or the RIDGID Lifetime Service Agreement.

For specific warranty information regarding this renewed product, please refer to the terms provided by the seller at the time of purchase. For technical support or assistance with this product, please contact the seller directly.

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