RYOBI CCG1801MHG

RYOBI 18V ONE+ Cordless Caulk Gun Instruction Manual

Model: CCG1801MHG
Brand: RYOBI

Introduction

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your RYOBI 18V ONE+ Cordless Caulk Gun, model CCG1801MHG. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.
The RYOBI CCG1801MHG is designed to dispense caulk and sealants from standard 310 ml cartridges. It features an adjustable feed speed, a quick-charge mechanism, and an integrated puncture tool for sealed cartridges. This tool is part of the RYOBI ONE+ 18V system, allowing compatibility with other ONE+ batteries.

General Safety Instructions

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

Specific Safety Warnings for Caulk Guns

- Ensure the switch lock is engaged when the tool is not in use to prevent accidental activation.

- Always wear appropriate eye protection when operating the caulk gun, especially when puncturing sealed cartridges.
- Be aware of the material being dispensed. Follow safety guidelines provided by the caulk or sealant manufacturer.
- Do not point the caulk gun at yourself or others.
- Keep hands and fingers away from the dispensing nozzle and plunger mechanism during operation.

Components Overview

Familiarize yourself with the parts of your RYOBI 18V ONE+ Cordless Caulk Gun.



Image: RYOBI 18V ONE+ Cordless Caulk Gun. This image shows the main body of the caulk gun, including the handle, trigger, cartridge cradle, and plunger rod.

- **Cartridge Cradle:** Holds the caulk or sealant cartridge.
- **Plunger Rod:** Pushes the caulk out of the cartridge.
- **Trigger:** Activates the motor to dispense material.
- **Speed Adjustment Dial:** Controls the dispensing speed.
- **Switch Lock:** Prevents accidental activation of the trigger.
- **Integrated Puncture Tool:** Located at the front, used to pierce sealed cartridge tips.
- **Battery Port:** Where the 18V ONE+ battery is inserted.
- **Handle with GripZone+:** Ergonomic handle with anti-vibration rubberized surface for comfortable grip.

Setup and Preparation

1. Installing the Battery Pack

This tool requires a RYOBI 18V ONE+ Lithium-ion battery (not included). Ensure the battery is fully charged before use.

1. Align the ribs on the battery pack with the grooves in the tool's battery port.
2. Slide the battery pack into the tool until it clicks securely into place.
3. To remove, press the battery release latches and pull the battery pack out.

2. Loading a Caulk Cartridge



Image: A user loading a caulk cartridge into the RYOBI 18V ONE+ Cordless Caulk Gun. The image shows the cartridge being inserted into the front cradle of the tool.

1. Ensure the switch lock is engaged and the battery is removed.
2. Pull the plunger rod all the way back to its fully retracted position.
3. Insert the caulk cartridge into the front of the tool, ensuring the nozzle end faces forward.
4. Push the plunger rod forward until it makes contact with the back of the cartridge.
5. Cut the tip of the caulk cartridge at a 45-degree angle to the desired bead size using a utility knife or a dedicated caulk nozzle cutter.
6. If the cartridge has a sealed inner membrane, use the integrated puncture tool (located at the front of the caulk gun) to pierce it.

Operating Instructions

1. Adjusting Dispensing Speed

The caulk gun features an adjustable speed dial to control the flow rate of the material. Rotate the dial to select the desired speed (1 for slowest, 6 for fastest). Start with a lower speed and increase as needed for your application and material viscosity.

2. Applying Caulk/Sealant



Image: A user applying a bead of caulk along a baseboard using the RYOBI 18V ONE+ Cordless Caulk Gun. The image demonstrates the tool in action, showing precise application.

1. Ensure the battery is installed and the cartridge is loaded.
2. Disengage the switch lock.
3. Position the nozzle of the cartridge at the starting point of your application.
4. Gently squeeze the trigger to begin dispensing material. Maintain steady pressure on the trigger for a continuous flow.
5. Move the caulk gun smoothly along the desired path, maintaining a consistent angle and speed to achieve an even bead.
6. Release the trigger to stop the flow. The automatic anti-drip feature will retract the plunger slightly to prevent excess material from oozing out.
7. Engage the switch lock when finished or when pausing work.

3. Removing a Caulk Cartridge

1. Ensure the switch lock is engaged and the battery is removed.
2. Pull the plunger rod back to fully retract it.
3. Remove the caulk cartridge from the tool.
4. Clean any excess material from the tool and cartridge.

Maintenance

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

- **Cleaning:** After each use, wipe down the tool with a clean, damp cloth. Remove any excess caulk or sealant from the cartridge cradle, plunger rod, and nozzle area. For dried material, use a suitable solvent recommended by the caulk manufacturer, ensuring it does not damage the tool's plastic components.
- **Storage:** Store the caulk gun in a clean, dry place, out of reach of children. Remove the battery pack before storage. Do not store the tool with a loaded cartridge for extended periods.
- **Lubrication:** Periodically apply a small amount of silicone spray or light machine oil to the plunger rod to ensure smooth operation.
- **Inspection:** Regularly inspect the tool for any signs of damage, wear, or loose parts. Do not use a damaged tool. Contact customer service for repairs.

Troubleshooting

This section addresses common issues you might encounter with your caulk gun.

Problem	Possible Cause	Solution
Tool does not operate.	Battery not inserted correctly or discharged. Switch lock engaged.	Ensure battery is fully inserted and charged. Disengage the switch lock.
No caulk dispensed or inconsistent flow.	Cartridge tip not cut or pierced. Cartridge empty. Material too viscous. Speed setting too low.	Cut or pierce cartridge tip. Replace cartridge. Increase speed setting. Consider a different caulk type if too thick.
Caulk continues to flow after trigger release.	Plunger rod not retracting fully.	Ensure plunger rod is clean and lubricated. If problem persists, contact customer service.
Tool makes unusual noise.	Internal mechanism issue.	Stop operation immediately and contact customer service.

Technical Specifications

Feature	Specification
Model Number	CCG1801MHG (5133000192)
Voltage	18 V
Cartridge Capacity	310 ml
Max. Dispensing Force	Up to 225 kg
No-load Speed (High)	6 (arbitrary unit for speed dial)
No-load Speed (Low)	1 (arbitrary unit for speed dial)
Weight (without battery)	1.6 kg
Weight (with battery)	2.1 kg
Sound Pressure Level (Lpa)	59.0 dB (A)
Sound Power Level (Lwa)	70.0 dB (A)

Feature	Specification
Vibration Level	<2.5 m²

Warranty and Support

For information regarding warranty coverage, service, or replacement parts, please refer to the warranty card included with your product or visit the official RYOBI website. Keep your proof of purchase for warranty claims.
Official RYOBI Website: www.ryobi.eu
For technical assistance or customer service inquiries, please contact RYOBI customer support through their official channels.

© 2023 RYOBI. All rights reserved. Information in this manual is subject to change without notice.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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