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RYOBI P306

RYOBI 18-Volt Cordless Compact P306 Glue Gun Kit User Manual

Model: P306

Product Overview

The RYOBI 18-Volt Cordless Compact P306 Glue Gun Kit provides a portable solution for various gluing applications. This kit includes the P306 glue gun, a charging base, two 18V Lithium 1.5Ah batteries, and a charger. It is designed for use with mini glue sticks (5/16 inch or 0.28 mm diameter).



Figure 1: RYOBI P306 Cordless Glue Gun Kit. This image displays the complete kit, including the P306 glue gun, its charging/resting base, two 18V Lithium 1.5Ah batteries, and the battery charger.

Note: This product is typically shipped in bulk packaging, not retail packaging. The style of the included batteries and charger may vary from those depicted in some illustrations, but they will be compatible with the P306 glue gun.

Safety Information

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

- Wear appropriate personal protective equipment, such as safety glasses, when operating the glue gun.
- Do not touch the nozzle or melted glue, as they can reach high temperatures (up to 365°F / 185°C) and cause severe burns.
- Ensure the work area is well-ventilated.
- Keep children and bystanders away while operating the tool.
- Do not operate the glue gun in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Use only the specified mini glue sticks (5/16 inch diameter).

- Always place the glue gun on its stand when not in use to prevent accidental contact with hot surfaces.

Setup

1. Charging the Battery

1. Connect the charger to a standard electrical outlet.
2. Slide the 18V battery onto the charger until it clicks into place.
3. Allow the battery to charge fully. Refer to the charger's indicator lights for charging status.
4. Once charged, remove the battery from the charger.



Figure 2: Close-up view of the RYOBI 18V Lithium battery terminal. Ensure proper alignment when inserting into the charger or glue gun.

2. Assembling the Glue Gun and Stand

The glue gun is designed to rest securely on its dedicated stand, which also serves as a drip tray and provides upright storage.



Figure 3: RYOBI P306 Glue Gun and its separate stand. The glue gun fits into the recess on the stand for heating and storage.

1. Place the glue gun onto the stand, ensuring it sits firmly in the designated slot.



Figure 4: RYOBI P306 Glue Gun correctly placed on its stand. This position allows for stable heating and catches any drips.

3. Inserting the Battery

1. Align the charged 18V battery with the battery port on the rear of the glue gun.
2. Slide the battery into the port until it locks securely into place.

4. Inserting a Glue Stick

1. Ensure the glue gun is cool or has been allowed to cool sufficiently.
2. Insert a mini glue stick (5/16 inch diameter) into the opening at the back of the glue gun.
3. Push the glue stick until it stops. Do not force it.

Operating Instructions

1. Powering On and Heating

1. With the battery inserted and a glue stick loaded, place the glue gun on its stand.
2. Locate the power switch (often a slider or button) on the glue gun or its stand. Turn it to the "ON" position.
3. Allow approximately 3 minutes for the glue gun to reach its operating temperature of 365°F (185°C). The indicator light (if present) will typically change color or turn solid when ready.

2. Applying Glue

1. Once heated, carefully lift the glue gun from its stand.
2. Press the trigger to dispense melted glue from the nozzle. Apply glue to the desired surface.
3. Immediately press the surfaces together firmly for several seconds to ensure a strong bond.
4. When not actively dispensing glue, return the glue gun to its stand. The stand is designed to catch any drips and maintain the gun in an upright, stable position.

The glue gun can operate for approximately 5 minutes or consume about 1.5 mini glue sticks before needing to be returned to the base for reheating to maintain optimal temperature.

3. Powering Off

1. When finished, turn the power switch to the "OFF" position.
2. Allow the glue gun to cool completely on its stand before storing.

Maintenance

Cleaning

- Ensure the glue gun is unplugged (battery removed) and completely cool before cleaning.
- Wipe the exterior of the glue gun and stand with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- If there is dried glue on the nozzle, allow the gun to heat up slightly (briefly turn on) and then carefully wipe away the softened glue with a non-flammable cloth or paper towel. *Exercise extreme caution to avoid burns.*
- Empty and clean the drip tray on the stand regularly.

Storage

- Store the glue gun and its components in a clean, dry place, out of reach of children.
- Remove the battery from the glue gun if storing for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Glue gun does not heat up.	• Battery not charged. • Battery not properly inserted. • Power switch is off. • Faulty battery or charger.	• Charge the battery fully. • Ensure battery is securely clicked into place. • Turn the power switch to "ON". • Test with a different charged battery if available. Contact customer support if issues persist.
Glue does not dispense or dispenses slowly.	• Not fully heated. • Glue stick not fully inserted. • Wrong size glue stick. • Nozzle clogged.	• Allow full 3 minutes for heating. • Push glue stick further into the gun. • Use only 5/16 inch diameter mini glue sticks. • Refer to cleaning instructions for nozzle maintenance.

Problem	Possible Cause	Solution
Glue gun does not stay on or has intermittent power.	• Loose battery connection. • Issue with the battery or internal wiring.	• Ensure battery is firmly seated. • Test with a different battery. If the problem persists, contact RYOBI customer support.

Specifications

- **Model:** P306
- **Brand:** RYOBI
- **Voltage:** 18 Volts
- **Power Source:** Battery Powered (RYOBI ONE+ 18V)
- **Glue Stick Diameter:** 5/16 inch (0.28 mm) mini glue sticks
- **Heating Time:** Approximately 3 minutes
- **Operating Temperature:** Up to 365°F (185°C)
- **Approximate Run Time:** Up to 5 minutes or 1.5 mini glue sticks before reheating on base
- **Item Weight:** 4.44 pounds (kit)
- **Product Dimensions:** 6.25 x 3 x 6 inches (approximate, glue gun on stand)
- **Included Components:** Mini Glue Gun, (2) 18V Batteries, Charger

Warranty and Support

For warranty information and customer support, please refer to the official RYOBI website or contact their customer service department. Keep your purchase receipt as proof of purchase.

RYOBI Customer Service: Please visit www.ryobitools.com/support for the latest support information, warranty details, and service center locations.

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