

[Manuals.plus](#) /

› [Daewoo](#) /

› Daewoo DALPG18-1 18V Cordless Paint Spray Gun User Manual

Daewoo DALPG-18-1

Daewoo DALPG18-1 18V Cordless Paint Spray Gun User Manual

Model: DALPG-18-1

1. INTRODUCTION

Thank you for choosing the Daewoo DALPG18-1 18V Cordless Paint Spray Gun. This tool is designed for efficient and convenient paint application for various DIY and professional tasks. It features a lightweight design, variable flow control, and interchangeable nozzles for versatile use. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your paint spray gun.



Image 1.1: The Daewoo DALPG18-1 Cordless Paint Spray Gun with its packaging, showcasing the product and key features like 18V power and 400ml/min flow rate.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** This tool is cordless. Ensure the battery pack is fully charged before use. Do not expose the tool to rain or wet conditions.
- **Personal Safety:** Always wear eye protection (safety glasses or goggles) and a respirator mask when spraying paint. Wear appropriate clothing and gloves. 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.
- **Paint Safety:** Always refer to the paint manufacturer's safety data sheet (SDS) for specific handling, ventilation,

and disposal instructions. Ensure adequate ventilation in the work area to prevent inhalation of fumes.

- **Overheating Protection:** The paint gun is designed with overheating protection. If the tool becomes too hot, it may shut down automatically. Allow it to cool before resuming operation.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact your retailer immediately.

- Daewoo DALPG18-1 Cordless Paint Spray Gun
- 1.0 Liter Paint Container
- 3 Interchangeable Nozzles (1.5 mm, 1.8 mm, 2.2 mm)
- Cleaning Brush
- Cleaning Needle
- Viscosity Measuring Funnel

NOTE: The 18V U-FORCE series battery and charger are NOT included and must be purchased separately.

4. SETUP

4.1 Battery Installation

1. Ensure the paint spray gun is switched off.
2. Align the 18V U-FORCE series battery pack with the battery slot at the base of the handle.
3. Slide the battery pack into the slot until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.



Image 4.1: The Daewoo U-FORCE 18V battery, compatible with the paint spray gun and other tools in the U-FORCE series.

4.2 Paint Preparation and Viscosity Test

Proper paint dilution is crucial for optimal spraying results and to prevent clogging. Always follow the paint manufacturer's recommendations for dilution.

1. Stir the paint thoroughly.
2. Fill the provided viscosity measuring funnel with paint.
3. Measure the time it takes for the paint to completely flow out of the funnel. Compare this time to the paint manufacturer's recommended viscosity or a general guideline (e.g., 20-40 seconds for most latex paints).
4. If the paint is too thick, add a small amount of the recommended thinner (water for water-based paints, mineral spirits for oil-based paints) and mix well. Repeat the viscosity test until the desired consistency is achieved.

4.3 Nozzle Selection and Attachment

The paint gun comes with three interchangeable nozzles to suit different paint types and desired spray patterns.

- **1.5 mm Nozzle:** Ideal for thinner materials like stains, varnishes, and lacquers.

- **1.8 mm Nozzle:** Suitable for general-purpose paints, primers, and medium-viscosity materials.
- **2.2 mm Nozzle:** Best for thicker paints, latex, and heavier coatings.

1. Unscrew the front cap of the spray gun.
2. Select the appropriate nozzle for your paint and project.
3. Insert the chosen nozzle into the spray gun body.
4. Screw the front cap back on securely, ensuring the nozzle is firmly held in place.



Image 4.2: The Daewoo DALPG18-1 paint gun with key features labeled, including the 1L paint container and nozzle area.

4.4 Filling the Paint Container

1. Unscrew the paint container from the bottom of the spray gun.
2. Pour the prepared and diluted paint into the container. Do not overfill; leave some space for air. The container has a 1-liter capacity.
3. Screw the paint container back onto the spray gun, ensuring it is tightly sealed to prevent leaks.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The paint spray gun is activated by pressing the trigger. Release the trigger to turn it off.

5.2 Adjusting Flow Rate

The paint flow rate can be adjusted using the variable trigger control. Press the trigger partially for a lower flow or fully for the maximum flow rate of 400 ml/min.



Image 5.1: A close-up view of the trigger and the flow adjustment knob on the Daewoo DALPG18-1 paint gun, allowing precise control over paint output.

5.3 Adjusting Spray Pattern

The nozzle can be adjusted to produce different spray patterns:

- **Horizontal Fan Pattern:** For spraying up and down movements.
- **Vertical Fan Pattern:** For spraying side to side movements.
- **Round Pattern:** For small areas, corners, or detailed work.

To change the spray pattern, rotate the air cap ears to the desired position.

5.4 Spraying Technique

1. Always test the spray pattern and flow on a piece of scrap material before applying to your project.
2. Hold the spray gun perpendicular to the surface, approximately 15-30 cm (6-12 inches) away.
3. Move the spray gun at a consistent speed, overlapping each pass by about 50% to ensure even coverage.
4. Release the trigger at the end of each pass to avoid paint buildup.
5. Apply multiple thin coats rather than one thick coat to prevent drips and achieve a smoother finish.

6. MAINTENANCE

WARNING: Always disconnect the battery pack before performing any cleaning or maintenance.

6.1 Cleaning After Use

Thorough cleaning after each use is essential to prevent paint from drying and clogging the spray gun components.

1. Empty any remaining paint from the container back into its original can.
2. Pour a small amount of appropriate cleaning solution (water for water-based paints, mineral spirits for oil-based paints) into the paint container.
3. Reattach the container and spray the cleaning solution through the gun into a waste container until clear liquid emerges.
4. Disassemble the spray gun: remove the paint container, nozzle, and air cap.
5. Clean all disassembled parts thoroughly using the provided cleaning brush and needle. Pay special attention to the nozzle and air cap holes to remove any paint residue.
6. Wipe down the exterior of the spray gun with a damp cloth.
7. Allow all parts to dry completely before reassembling.

6.2 Storage

Store the clean and dry paint spray gun in a cool, dry place, out of reach of children and away from direct sunlight or extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No paint spray or weak spray	• Paint too thick • Nozzle clogged • Air cap blocked • Paint container empty or loose • Battery low	• Dilute paint to correct viscosity • Clean nozzle and air cap thoroughly • Refill or tighten paint container • Recharge or replace battery

Problem	Possible Cause	Solution
Uneven spray pattern or spitting	- Nozzle partially clogged - Air cap dirty - Improper paint dilution - Spray gun not held perpendicular	- Clean nozzle and air cap - Adjust paint dilution - Maintain consistent distance and angle
Paint leaks from nozzle or container	- Nozzle or container not tightened - Damaged seals	- Ensure all parts are securely tightened - Inspect seals for damage and replace if necessary
Motor runs but no paint sprays	- Paint pickup tube blocked - Nozzle completely clogged	- Clean pickup tube - Thoroughly clean nozzle and internal passages

8. SPECIFICATIONS

Model: DALPG-18-1

Brand: Daewoo

Power Source: 18V Li-ion Battery (Daewoo U-FORCE series, not included)

Max Flow Rate: 400 ml/min

Max Pressure: 13 kPa

Paint Container Capacity: 1 Liter

Nozzle Sizes: 1.5 mm, 1.8 mm, 2.2 mm

Product Dimensions: 14.5 x 32.5 x 25.5 cm

Weight (without battery): 1.5 kg

9. WARRANTY

This Daewoo product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For detailed warranty information, refer to the documentation provided with your purchase or contact your retailer.

10. SUPPORT

For technical assistance, spare parts, or further information regarding your Daewoo DALPG18-1 paint spray gun, please contact the retailer where you purchased the product or visit the official Daewoo website for customer support details. When contacting support, please have your product model number (DALPG-18-1) and proof of purchase readily available.

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

Open the live page

<https://manuals.plus/asin/B09RX15NB2>

More documents and user manuals: <https://manuals.plus/>