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› HILDA AM05 Mini Cordless Car Polisher Instruction Manual

HILDA AM05

HILDA AM05 Mini Cordless Polisher Instruction Manual

Model: AM05

1. INTRODUCTION

Thank you for choosing the HILDA AM05 Mini Cordless Polisher. This compact and versatile tool is designed for precise detailing and polishing in hard-to-reach areas. With its variable speed control and cordless design, it offers convenience and efficiency for various applications, from automotive care to household polishing tasks. Please read this manual thoroughly before operation to ensure safe and effective use.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x HILDA Mini Polisher Machine
- 2 x 12V 2AH Lithium-ion Batteries
- 1 x Battery Charger
- 1 x Instruction Manual
- 2 x Wrenches
- 1 x Brush
- 1 x Brush Shaft
- 1 x 12mm Eccentric Shaft
- 1 x 3mm Eccentric Shaft
- 1 x Non-Eccentric Shaft
- 2 x Polishing Discs
- Various Sponge Pads, Microfiber Pads, and Wool Pads (quantities as specified on packaging)



Figure 2.1: Overview of the HILDA Mini Polisher and all included accessories.

3. SETUP

3.1 Battery Charging and Installation

Before first use, fully charge both 12V 2AH lithium-ion batteries using the provided charger. Each battery typically charges in approximately 1 hour.

1. Connect the battery charger to a standard power outlet.
2. Insert a battery into the charger. The indicator light on the charger will show charging status.
3. Once fully charged, remove the battery from the charger.
4. To install, slide a charged battery into the base of the polisher until it clicks securely into place.

3.2 Attaching Polishing Discs and Pads

The polisher comes with various shafts and pads for different tasks. Ensure the polisher is OFF and the battery is removed before changing accessories.

1. **Select the appropriate shaft:** Choose between the 12mm eccentric shaft (for larger orbital motion), 3mm eccentric shaft (for smaller orbital motion), or non-eccentric shaft (for rotary action) based on your polishing needs.
2. **Install the shaft:** Use the provided wrenches to securely attach the chosen shaft to the polisher head.
3. **Attach a polishing disc:** The polishing discs (backing plates) attach to the shaft. Ensure it is tightened properly.
4. **Apply a polishing pad:** The various sponge, microfiber, or wool pads attach to the polishing disc via hook-and-loop (Velcro) backing. Press firmly to secure.

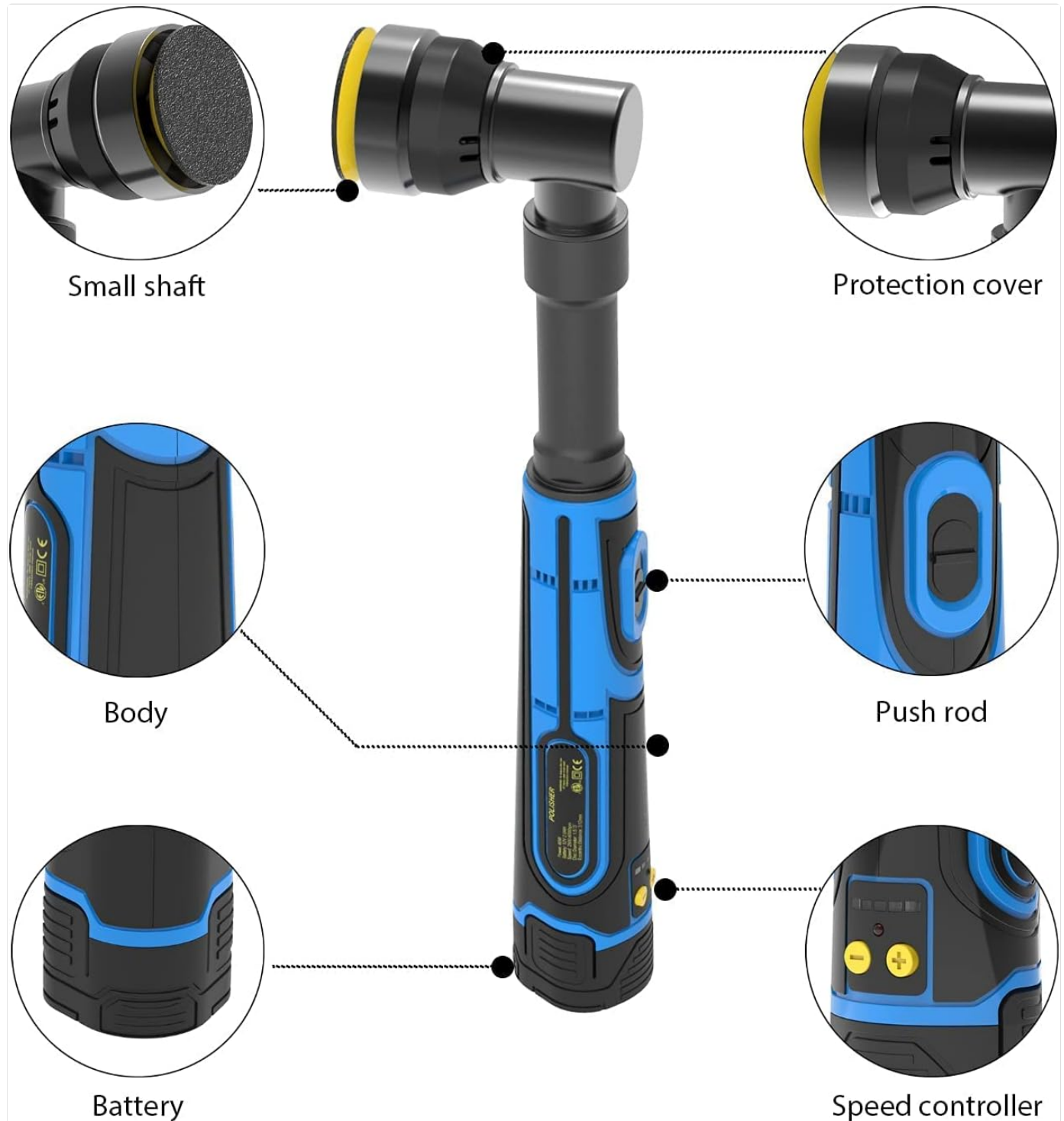


Figure 3.1: Detailed view of the HILDA Mini Polisher components.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Speed Adjustment

The HILDA AM05 features 5 variable speed settings, ranging from 2500RPM to 6000RPM.

1. **Power On:** Press the power button (usually located on the side or top of the handle) to turn on the polisher.
2. **Adjust Speed:** Use the '+' and '-' buttons to cycle through the 5 available speed settings. Select a speed appropriate for your task and material. Lower speeds are ideal for applying compounds, while higher speeds are for polishing and finishing.
3. **Power Off:** Press the power button again to turn off the polisher.

4.2 Polishing Techniques

This mini polisher is specifically designed for detailing small areas and corners that larger polishers cannot reach. It is suitable for various materials including aluminum, ceramic, and metal.

- Apply a small amount of polishing compound or wax directly to the chosen pad.
- Place the pad flat on the surface to be polished before turning on the polisher.
- Start at a low speed to spread the product evenly, then increase the speed as needed.
- Use light, even pressure and move the polisher in a cross-hatch or overlapping pattern.
- Avoid applying excessive pressure, as this can slow down the motor or damage the surface.
- Regularly check the surface for desired results and wipe away residue with a clean microfiber cloth.



Figure 4.1: Example of using the HILDA Mini Polisher for car detailing.

Including but not limited to use in these places



Figure 4.2: The HILDA Mini Polisher is versatile for multi-scene use.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HILDA Mini Polisher.

- **Cleaning the Polisher:** After each use, wipe down the polisher body with a clean, damp cloth. Do not use harsh chemicals or immerse the tool in water.
- **Cleaning Pads:** Remove used polishing pads and clean them according to their material type. Most foam and microfiber pads can be washed with mild soap and water, then air-dried.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Recharge them periodically if not in use.
- **Storage:** Store the polisher and all accessories in its original carrying case in a dry, secure location.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Polisher does not turn on	Battery not charged or improperly installed	Ensure battery is fully charged and correctly inserted.
Polisher stops during operation	Low battery or excessive pressure applied	Replace with a charged battery. Reduce pressure on the polishing surface.
Poor polishing results	Incorrect pad/compound or worn pad	Ensure appropriate pad and compound are used for the task. Replace worn pads.
Excessive vibration	Improperly attached pad or shaft	Check that the shaft and pad are securely attached and centered.

7. SPECIFICATIONS

- **Model:** AM05
- **Brand:** HILDA
- **Speed:** 2500-6000 RPM (5 Variable Speeds)
- **Voltage:** 12 Volts
- **Power Source:** Battery Powered (Lithium-ion)
- **Item Weight:** 2 lbs (Polisher only), 5.37 pounds (Package)
- **Material:** Aluminum
- **Color:** Blue
- **Package Dimensions:** 14.25 x 10.28 x 4.92 inches

claims.

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