ACDelco ARS1214

ACDelco G12 Series ARS1214 Mini Cordless Polisher Instruction Manual

Model: ARS1214 | Brand: ACDelco

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your ACDelco G12 Series ARS1214 Mini Cordless Polisher. Please read this manual thoroughly before using the tool and retain it for future reference.

Figure 1: ACDelco G12 Series ARS1214 Mini Cordless Polisher in operation.

WHAT'S IN THE BOX

Your ACDelco G12 Series ARS1214 Mini Cordless Polisher package includes the following items:

- Mini Polisher Unit
- 2 Lithium Ion Batteries
- Battery Charger
- Accessory Kit (various polishing pads and sandpapers)

SETUP

1. Charging the Battery

Before first use, fully charge both Lithium-Ion batteries. Insert the battery into the charger and plug the charger into a standard electrical outlet. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before use to

maximize performance and lifespan.

2. Installing the Battery

Align the charged battery with the battery slot at the base of the polisher handle. Slide the battery firmly into place until it clicks, indicating it is securely locked. To remove, press the battery release button and slide the battery out.

3. Attaching Polishing Pads

The polisher features a hook-and-loop backing pad for quick attachment and removal of various polishing pads and sandpapers. To attach a pad, align it with the backing pad and press firmly. To remove, simply peel the pad off. The spindle lock button can be used to secure the backing pad during installation or removal of accessories.

Figure 2: ACDelco G12 Series ARS1214 Mini Cordless Polisher with auxiliary handle.

4. Attaching Auxiliary Handle (if included)

Some models may include an auxiliary handle for improved control. Screw the auxiliary handle into one of the available threaded ports on the polisher head. Ensure it is tightened securely before operation.

OPERATING INSTRUCTIONS

1. Powering On and Off

To power on the polisher, press and hold the variable speed trigger. Release the trigger to turn off the tool. For continuous operation, some models may feature a lock-on button.

2. Adjusting Speed

The polisher features a 2-speed setting. Use the speed adjustment switch (typically located near the trigger) to select between low speed (0-2800 RPM) for delicate tasks and high speed (0-7500 RPM) for more aggressive polishing or sanding. The variable speed trigger allows for fine-tuning the speed within the selected range.

3. Using the Polisher

Apply appropriate polishing compound or sandpaper to the pad. Start the polisher at a low speed and gradually increase as needed. Move the polisher evenly across the surface, applying light to moderate pressure. Avoid excessive pressure, which can reduce efficiency and potentially damage the surface or tool.

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Video 1: Demonstration of the WORKPRO 12V Mini Cordless Polisher Kit features and usage, including speed adjustment, pad changes, and application for waxing, polishing, and sanding.

MAINTENANCE

1. Cleaning

Regularly clean the polisher housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are clear of dust and debris to prevent overheating.

2. Battery Care

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50% capacity. Avoid fully discharging batteries before recharging to prolong their lifespan.

3. Pad Replacement

Replace polishing pads and sandpapers when they become worn, torn, or lose their effectiveness. Using damaged accessories can reduce performance and potentially harm the tool or workpiece.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Polisher does not turn on.	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Reduced power or inconsistent speed.	Low battery charge; excessive pressure applied.	Recharge battery. Reduce pressure during operation.
Excessive vibration or noise.	Damaged or improperly attached pad.	Inspect and replace damaged pads. Ensure pads are securely attached.

SPECIFICATIONS

Feature	Detail
Brand	ACDelco

Feature	Detail
Model	ARS1214
Power Source	Battery Powered
Voltage	12 Volts
Speed	Up to 7600 RPM (2-speed settings: 0-2800 RPM / 0-7500 RPM)
Item Weight	2.4 Pounds
Product Dimensions	14 x 12 x 4 inches
Batteries	2 Lithium Ion batteries (included)
Material	Metal
Color	Red

GENERAL SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when operating power tools. 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. Keep children and bystanders away while operating a power tool. Avoid accidental starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool. 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.